

December 10, 2024

VIA ELECTRONIC FILING

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor
Harrisburg, PA 17120

***Re: Completed Restoration of Momentary and Sustained Interruptions –
FirstEnergy Pennsylvania Electric Company; Docket No. M-2021-3023564***

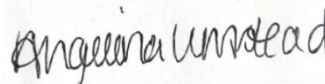
Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 67.1, FirstEnergy Pennsylvania Electric Company on behalf of West Penn Rate District (“West Penn”) submits written notification of completed restoration efforts following storm conditions that began on November 20, 2024 that caused multiple service interruptions in the West Penn service territory.

Attached please find the details relative to the impact of this recent outage event and the restoration activities that took place. It should be noted that the review and approval process of this outage information is still in progress at the time of filing this report and as such, all outage information contained in this report should be considered preliminary.

If you have any questions, please contact me at (610) 212-8331.

Sincerely,



Angelina Umstead

Enclosures

c: Dan Searfoorce - PaPUC Bureau of Technical Utility Services (via electronic mail)
Derek Ruhl - PaPUC Bureau of Technical Utility Services (via electronic mail)
John Van Zant - PaPUC Bureau of Technical Utility Services (via electronic mail)

ELECTRIC UTILITY REPORT OF OUTAGE TO
PENNSYLVANIA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU
P O BOX 3265
HARRISBURG, PA 17105-3265

1. Reporting Utility: FirstEnergy Pennsylvania Electric Company ("FE PA")
on behalf of West Penn Rate District ("West Penn")
Address: 800 Cabin Hill Drive
Greensburg, PA 15601

2. Name and title of person making report:

John Hawkins
(Name)

President Pennsylvania
(Title)

3. Telephone number: (330) 384-4795
(Telephone Number)

4. Date and time report was made to Commission:

November 20, 2024
(Date)

2147
(Time)

5. Interruption or Outage:

(a) Number of customers affected: 17,340 (Represents 2.4% of West Penn's total customers).

(b) Approximate number of outage cases and trouble cases for each county affected during event: See response to 5(c)

(c) Approximate number of outages for each county affected during the event:

County	Outages	Outage Cases	Trouble Cases
Allegheny	807	33	38
Armstrong	197	10	10
Bedford	125	2	1
Butler	409	8	18
Centre	1,018	8	9
Clarion	83	8	1
Elk	45	5	1
Fayette	272	15	21
Franklin	49	4	9
Fulton	4	1	2
Greene	83	4	9
Washington	4,449	43	62
Westmoreland	9,799	111	135
Total	17,340	252	316

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 130

(e) A listing of each outage case exceeding 6 or more hours in duration: See Attachment A.

(f) Reason for the interruption or outages: Beginning in the afternoon hours of Wednesday, November 20, 2024, a weather system producing rains and heavy winds moved through Pennsylvania including the West Penn service territory. The system produced storms with heavy precipitation and high winds of approximately 77 miles per hour. See Attachment B for the maximum wind gusts for November 20 - 22, 2024, and the 24-hour total precipitation for November 20 - 22, 2024.

Damage as a result of high winds included downed wires, and damaged and broken poles, trees, and branches. The Boyce, Charleroi, and Jeannette regions were the hardest hit areas. Approximately 63.5% of the total outages that occurred were tree related and an additional 3.2% were wind related.

Preliminary data indicates the reliability impact of the storm was 6.0 minutes of SAIDI, 0.02 of SAIFI, and an overall storm CAIDI of 251.0 minutes.

- (g) Projected time of restoration: It was estimated that the majority of customers would be restored by 2330 on Thursday, November 21, 2024.

See Attachment C for the restoration curve and Attachment D for the order restoration graphs.

- (h) The number of utility workers, contract workers, and workers received as mutual aid assigned specifically to the repair work by general function:

Company	# of Workers	General Function
Asplundh Tree Expert, LLC	16	Forestry
Davey Tree Expert Company	2	Forestry
Penn Line Services	18	Forestry
Townsend Tree Service	6	Forestry
Subtotal	44	Forestry
West Penn Power	22	Hazard
Subtotal	22	Hazard
West Penn Power	7	Hazard Support
Subtotal	7	Hazard Support
West Penn Power	132	Line
Subtotal	132	Line
West Penn Power	6	Support
Subtotal	6	Support
Grand Total	211	

- (i) The date and time of the first information of a service interruption: November 20, 2024, at 1612.
- (j) The date and time that repair crews were assembled: November 20, 2024, at 1500.
- (k) The actual time that service was restored to the last affected customer: November 22, 2024, at 1200.

- (l) A general description of the physical damage sustained by the utility facilities as a result of the interruption/outage:

Equipment	Number
Primary Spans	131
Secondary Spans	26
Crossarms Replaced	82
Cutouts Replaced	53
Poles Replaced	62
Transformers Replaced	24
Wire & Cable Replaced (feet)	28,507

- (m) If the interruption/outage event was weather-related, the utility's weather reports, outlooks, or scenarios for the day before and the day of the interruption/outage event:

See Attachment E for the weather forecast reports.

- (n) If the interruption/outage event caused approximate outages that exceed 10% or more of the number of customers in the utility's entire service territory, rank the event in terms of the number and duration of outages and provide 2 comparable events, including the number and duration of outages for those comparable events.

The outages that were a result of this event did not exceed 10% or more of customers in the utility's entire service territory.

Remarks: The storm statistics contained in this report are preliminary. The review and approval of the storm statistics were still in progress as of the time this report was filed.

Attachment A: A listing of each outage case exceeding six or more hours in duration, including the following information¹:

Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
761850	Westmoreland	18	2,543	11/20/2024 1737	11/22/2024 1200
760874	Washington	1	1,582	11/20/2024 1624	11/21/2024 1846
764798	Westmoreland	1	1,566	11/20/2024 1809	11/21/2024 2015
762064	Westmoreland	3	1,475	11/20/2024 1727	11/21/2024 1802
761733	Westmoreland	2	1,464	11/20/2024 1726	11/21/2024 1750
762274	Washington	2	1,459	11/20/2024 1804	11/21/2024 1823
762072	Westmoreland	11	1,418	11/20/2024 1750	11/21/2024 1728
764544	Allegheny	1	1,409	11/20/2024 1645	11/21/2024 1614
761848	Westmoreland	1	1,407	11/20/2024 1737	11/21/2024 1704
763404	Westmoreland	1	1,382	11/20/2024 2018	11/21/2024 1920
761736	Westmoreland	1	1,369	11/20/2024 1726	11/21/2024 1615
761555	Allegheny	3	1,364	11/20/2024 1713	11/21/2024 1557
761552	Fayette	5	1,362	11/20/2024 1713	11/21/2024 1555
763974	Westmoreland	1	1,349	11/20/2024 1744	11/21/2024 1613
764398	Allegheny	1	1,331	11/20/2024 1721	11/21/2024 1532
762033	Westmoreland	3	1,304	11/20/2024 1746	11/21/2024 1530
761987	Westmoreland	4	1,302	11/20/2024 1743	11/21/2024 1525
765406	Westmoreland	608	1,293	11/20/2024 1727	11/21/2024 1500
763039	Westmoreland	30	1,293	11/20/2024 1727	11/21/2024 1500
761573	Westmoreland	8	1,282	11/20/2024 1715	11/21/2024 1437
761700	Westmoreland	1	1,281	11/20/2024 1724	11/21/2024 1445
761766	Allegheny	4	1,265	11/20/2024 1730	11/21/2024 1435
761635	Allegheny	1	1,264	11/20/2024 1720	11/21/2024 1424
760777	Washington	13	1,254	11/20/2024 1612	11/21/2024 1306
764378	Westmoreland	3	1,247	11/20/2024 1743	11/21/2024 1430
761829	Westmoreland	2	1,225	11/20/2024 1735	11/21/2024 1400
761865	Westmoreland	46	1,216	11/20/2024 1738	11/21/2024 1354
765314	Westmoreland	1	1,212	11/20/2024 1748	11/21/2024 1400
761808	Westmoreland	46	1,211	11/20/2024 1734	11/21/2024 1345
764880	Fayette	2	1,209	11/20/2024 1816	11/21/2024 1425
763083	Westmoreland	1	1,194	11/20/2024 1951	11/21/2024 1545
762313	Westmoreland	1	1,183	11/20/2024 1809	11/21/2024 1352

¹ When applicable, the individual restoration steps for an order are provided for those customers that were out of service for 6 hours or more.

West Penn Rate District Storm Report

Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
761073	Washington	2	1,178	11/20/2024 1647	11/21/2024 1225
761255	Washington	1	1,174	11/20/2024 1701	11/21/2024 1235
761598	Allegheny	12	1,173	11/20/2024 1717	11/21/2024 1250
763194	Washington	1	1,148	11/20/2024 1959	11/21/2024 1507
762077	Westmoreland	13	1,144	11/20/2024 1751	11/21/2024 1255
762702	Westmoreland	1	1,142	11/20/2024 1858	11/21/2024 1400
761836	Westmoreland	3	1,142	11/20/2024 1736	11/21/2024 1238
761835	Westmoreland	6	1,141	11/20/2024 1736	11/21/2024 1237
764943	Westmoreland	2	1,139	11/20/2024 1938	11/21/2024 1437
762606	Westmoreland	1	1,134	11/20/2024 1843	11/21/2024 1337
761698	Washington	1	1,130	11/20/2024 1724	11/21/2024 1214
763538	Allegheny	5	1,126	11/20/2024 1744	11/21/2024 1230
763160	Washington	2	1,118	11/20/2024 1958	11/21/2024 1436
764315	Westmoreland	5	1,114	11/20/2024 1716	11/21/2024 1150
765266	Clarion	3	1,113	11/20/2024 1749	11/21/2024 1222
764960	Fayette	2	1,112	11/20/2024 1815	11/21/2024 1247
762807	Westmoreland	2	1,108	11/20/2024 1730	11/21/2024 1158
764197	Washington	1	1,100	11/20/2024 1710	11/21/2024 1130
762280	Westmoreland	3	1,098	11/20/2024 1805	11/21/2024 1223
764101	Allegheny	1	1,091	11/20/2024 1711	11/21/2024 1122
763781	Fayette	57	1,089	11/20/2024 1720	11/21/2024 1129
764102	Westmoreland	7	1,082	11/20/2024 1728	11/21/2024 1130
760893	Washington	15	1,070	11/20/2024 1626	11/21/2024 1016
761426	Allegheny	8	1,060	11/20/2024 1705	11/21/2024 1045
762655	Washington	1	1,058	11/20/2024 1852	11/21/2024 1230
764201	Westmoreland	5	1,055	11/20/2024 1730	11/21/2024 1105
761729	Westmoreland	49	1,055	11/20/2024 1726	11/21/2024 1101
761694	Westmoreland	15	1,051	11/20/2024 1723	11/21/2024 1054
761645	Westmoreland	20	1,048	11/20/2024 1720	11/21/2024 1048
761674	Westmoreland	61	1,039	11/20/2024 1722	11/21/2024 1041
761168	Washington	22	1,036	11/20/2024 1656	11/21/2024 1012
761175	Allegheny	1	1,033	11/20/2024 1657	11/21/2024 1010
762367	Westmoreland	8	1,031	11/20/2024 1817	11/21/2024 1128
761584	Fayette	1	1,015	11/20/2024 1715	11/21/2024 1010
761105	Greene	25	1,011	11/20/2024 1649	11/21/2024 0940
762803	Westmoreland	84	1,010	11/20/2024 1740	11/21/2024 1030
761540	Washington	5	1,009	11/20/2024 1711	11/21/2024 1000
764033	Westmoreland	11	1,008	11/20/2024 1744	11/21/2024 1032

West Penn Rate District Storm Report

Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
761807	Westmoreland	35	1,004	11/20/2024 1734	11/21/2024 1018
764892	Westmoreland	2	1,002	11/20/2024 1730	11/21/2024 1012
761802	Westmoreland	19	1,002	11/20/2024 1734	11/21/2024 1016
763538	Allegheny	1	980	11/20/2024 2010	11/21/2024 1230
763887	Washington	1	977	11/20/2024 2128	11/21/2024 1345
761558	Allegheny	3	973	11/20/2024 1713	11/21/2024 0926
763387	Westmoreland	23	971	11/20/2024 1732	11/21/2024 0943
764829	Washington	63	963	11/20/2024 1737	11/21/2024 0940
762107	Westmoreland	118	961	11/20/2024 1717	11/21/2024 0918
764697	Butler	1	955	11/20/2024 1731	11/21/2024 0926
765227	Westmoreland	2	953	11/20/2024 2022	11/21/2024 1215
763942	Allegheny	1	938	11/20/2024 1707	11/21/2024 0845
761230	Greene	28	932	11/20/2024 1700	11/21/2024 0832
761743	Westmoreland	84	905	11/20/2024 1727	11/21/2024 0832
763039	Westmoreland	73	897	11/20/2024 1727	11/21/2024 0824
761871	Westmoreland	170	894	11/20/2024 1738	11/21/2024 0832
761688	Greene	3	872	11/20/2024 1723	11/21/2024 0755
764641	Armstrong	10	844	11/20/2024 1735	11/21/2024 0739
764360	Allegheny	14	839	11/20/2024 2250	11/21/2024 1249
763772	Allegheny	6	833	11/20/2024 1645	11/21/2024 0638
765103	Armstrong	1	829	11/21/2024 1111	11/22/2024 0100
764963	Washington	42	815	11/20/2024 2120	11/21/2024 1055
764242	Allegheny	1	796	11/20/2024 1929	11/21/2024 0845
761547	Fayette	7	783	11/20/2024 1712	11/21/2024 0615
762391	Armstrong	10	777	11/20/2024 1819	11/21/2024 0716
762872	Butler	5	773	11/20/2024 1919	11/21/2024 0812
764824	Armstrong	34	769	11/21/2024 0907	11/21/2024 2156
763730	Allegheny	1	765	11/20/2024 2057	11/21/2024 0942
763507	Franklin	7	739	11/20/2024 2029	11/21/2024 0848
762663	Armstrong	1	685	11/20/2024 1853	11/21/2024 0618
764564	Clarion	3	652	11/21/2024 0358	11/21/2024 1450
761624	Westmoreland	7	645	11/20/2024 1719	11/21/2024 0404
762995	Fulton	4	641	11/20/2024 1939	11/21/2024 0620
761870	Armstrong	22	620	11/20/2024 1738	11/21/2024 0358
765336	Westmoreland	8	606	11/21/2024 0359	11/21/2024 1405
761631	Westmoreland	4	576	11/20/2024 1719	11/21/2024 0255
762155	Westmoreland	3	572	11/20/2024 1758	11/21/2024 0330
761864	Westmoreland	224	537	11/20/2024 1738	11/21/2024 0235

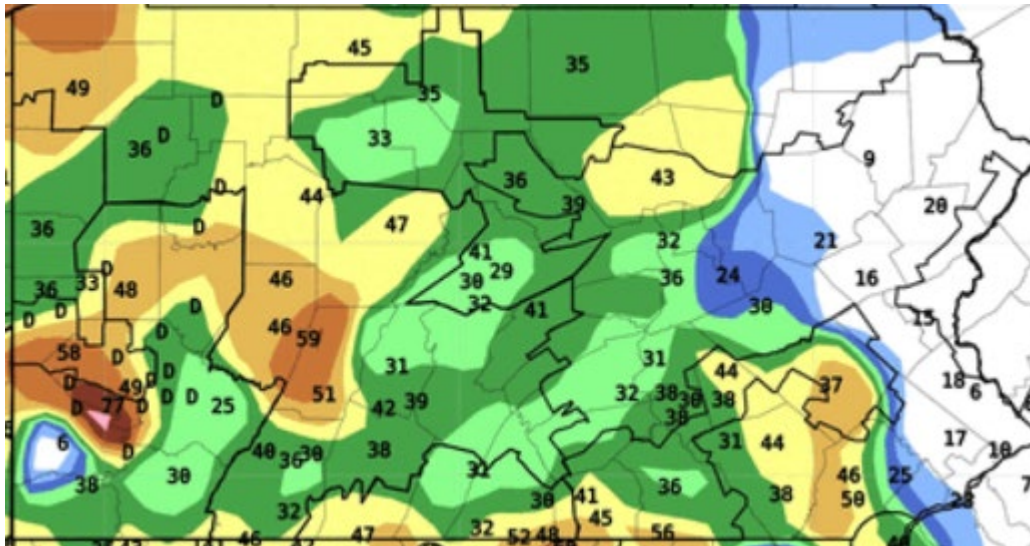
West Penn Rate District Storm Report

Order #	Approximate Location (County)	Total Number of Customers Affected	Duration of the Outage (minutes)	Initial Date and Time of the Outage	Restoration Date and Time
764434	Armstrong	50	522	11/20/2024 1752	11/21/2024 0234
764582	Washington	2	516	11/21/2024 0719	11/21/2024 1555
761376	Washington	40	515	11/20/2024 1704	11/21/2024 0139
763962	Armstrong	52	515	11/20/2024 1752	11/21/2024 0227
764768	Westmoreland	3	510	11/21/2024 0844	11/21/2024 1714
761657	Allegheny	5	484	11/20/2024 1721	11/21/2024 0125
763188	Franklin	28	471	11/20/2024 1959	11/21/2024 0350
764169	Fayette	54	468	11/20/2024 1707	11/21/2024 0055
761191	Allegheny	1	458	11/20/2024 1658	11/21/2024 0036
763277	Centre	7	455	11/20/2024 2005	11/21/2024 0340
762331	Westmoreland	12	438	11/20/2024 1812	11/21/2024 0130
761467	Greene	27	426	11/20/2024 1707	11/21/2024 0013
761203	Washington	8	425	11/20/2024 1659	11/21/2024 0004
764392	Elk	16	422	11/20/2024 1923	11/21/2024 0225
762648	Allegheny	1	419	11/20/2024 1851	11/21/2024 0150
765402	Westmoreland	1	414	11/21/2024 1408	11/21/2024 2102
764576	Allegheny	1	397	11/21/2024 0713	11/21/2024 1350
765428	Westmoreland	6	395	11/21/2024 0745	11/21/2024 1420
764850	Westmoreland	2	369	11/21/2024 0924	11/21/2024 1533
763427	Franklin	7	363	11/20/2024 2020	11/21/2024 0223
764084	Bedford	43	362	11/20/2024 1916	11/21/2024 0118
763571	Westmoreland	256	360	11/20/2024 1723	11/20/2024 2323

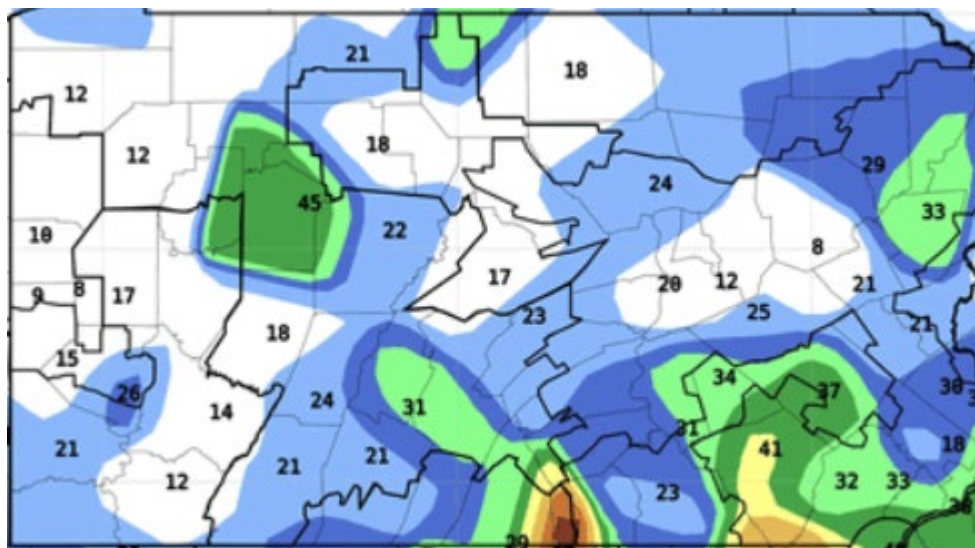
Attachment B: Wind and Precipitation Reports

Wind & Precipitation Reports: Graphics 1 through 3 illustrate the maximum wind gusts in the West Penn service territory on Wednesday, November 20, 2024, through Friday, November 22, 2024. Graphics 4 through 6 illustrate the 24-Hour Total Precipitation in the West Penn service territory on Wednesday, November 20, 2024, through Friday, November 22, 2024. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

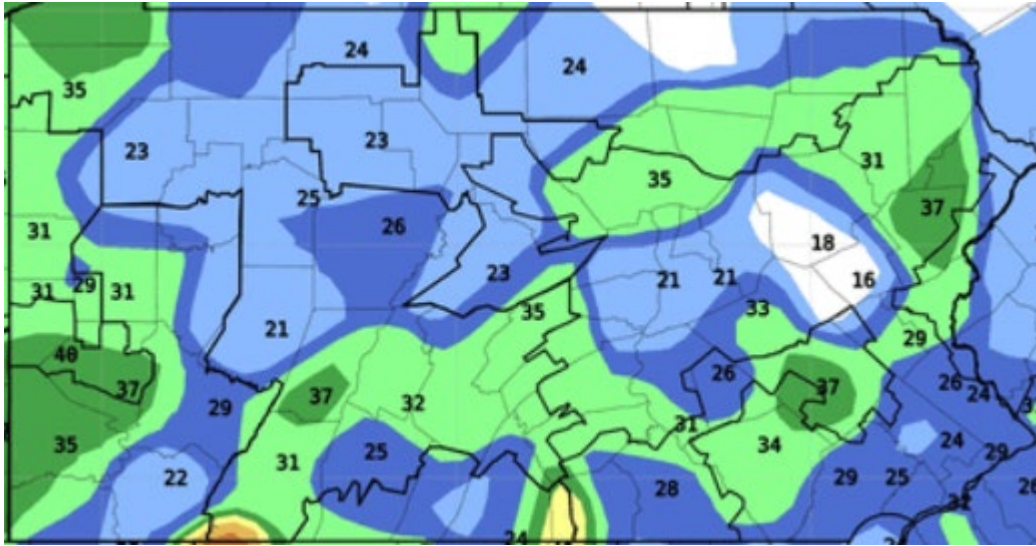
Graphic 1: Maximum Wind Gusts – Wednesday, November 20, 2024



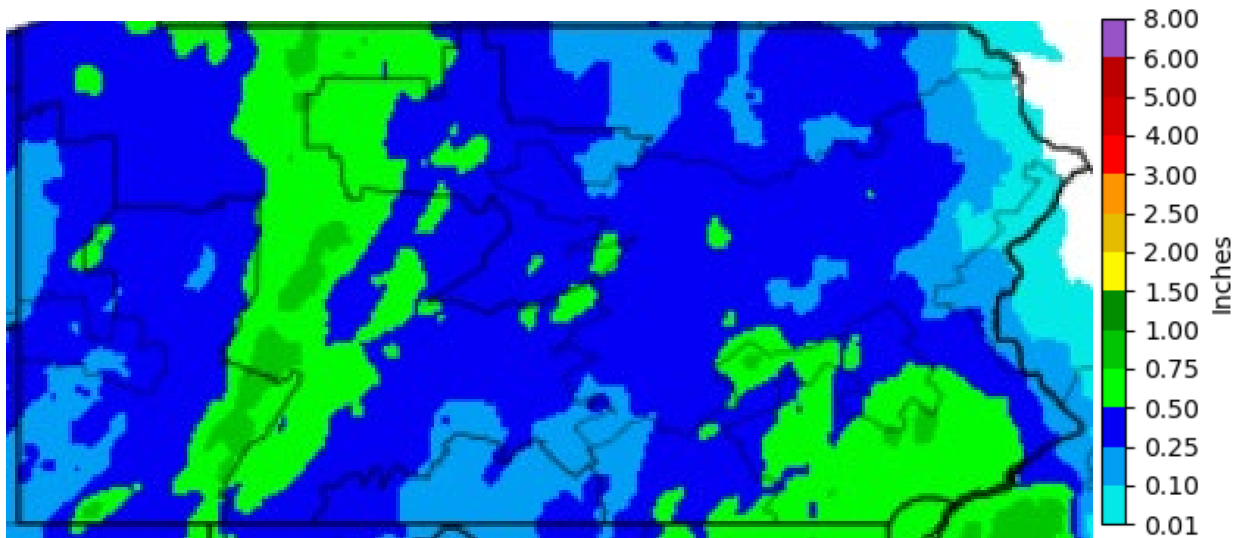
Graphic 2: Maximum Wind Gusts – Thursday, November 21, 2024



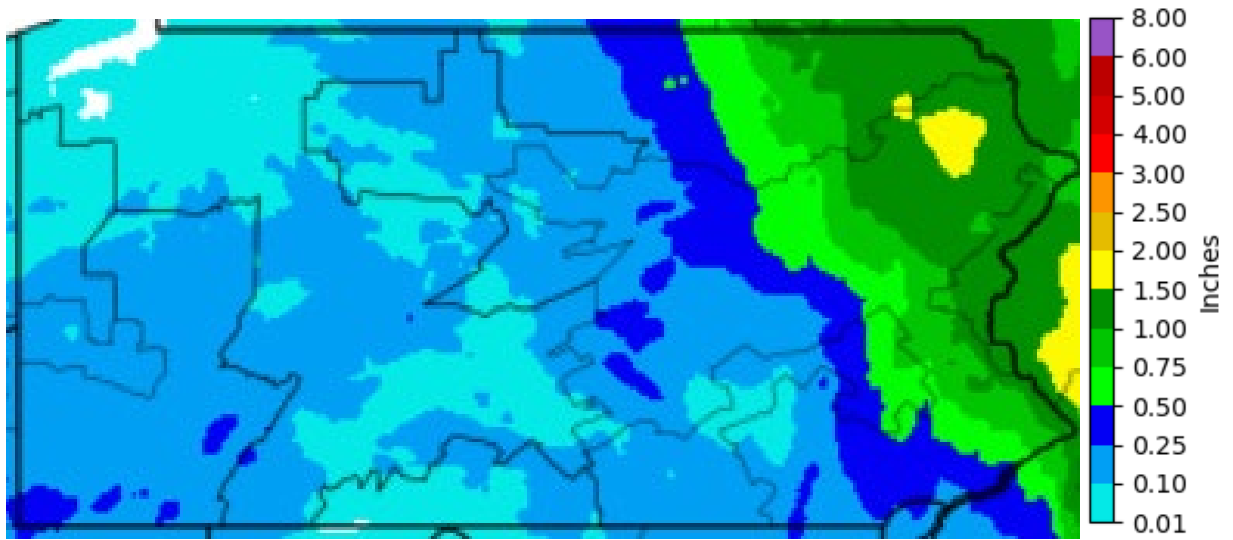
Graphic 3: Maximum Wind Gusts – Friday, November 22, 2024



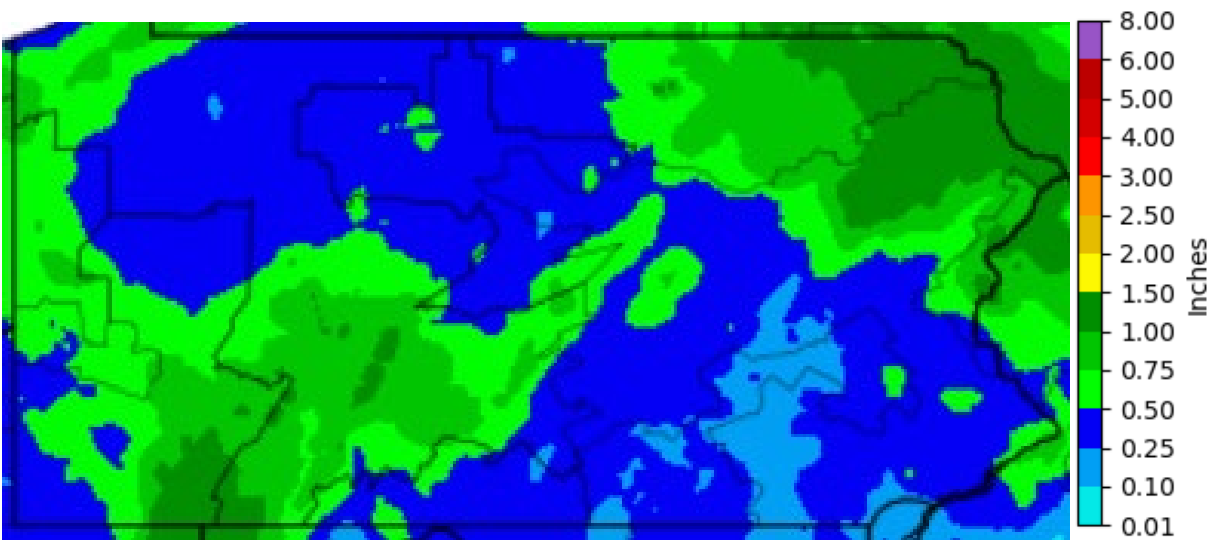
Graphic 4: 24-Hour Total Precipitation – Wednesday, November 20, 2024



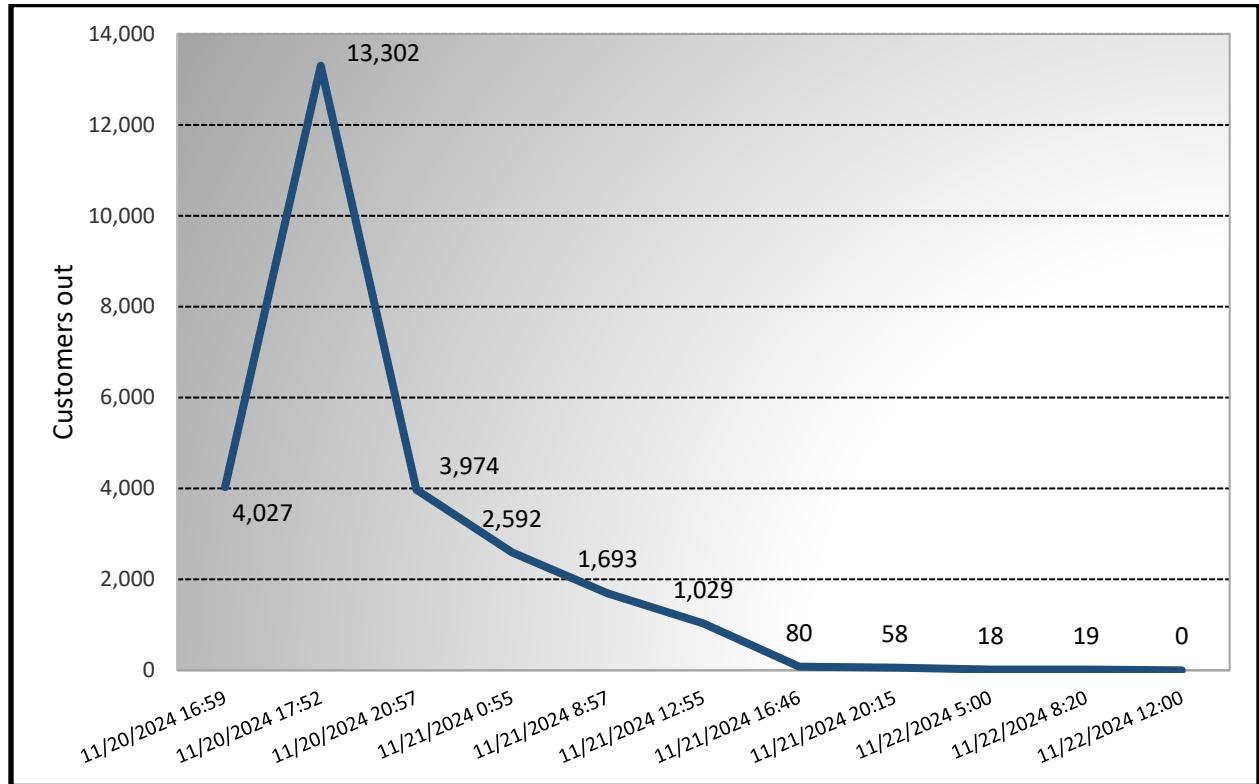
Graphic 5: 24-Hour Total Precipitation – Thursday, November 21, 2024



Graphic 6: 24-Hour Total Precipitation – Friday, November 22, 2024



Attachment C: Restoration Curve



Attachment D: Order Restoration Graphs



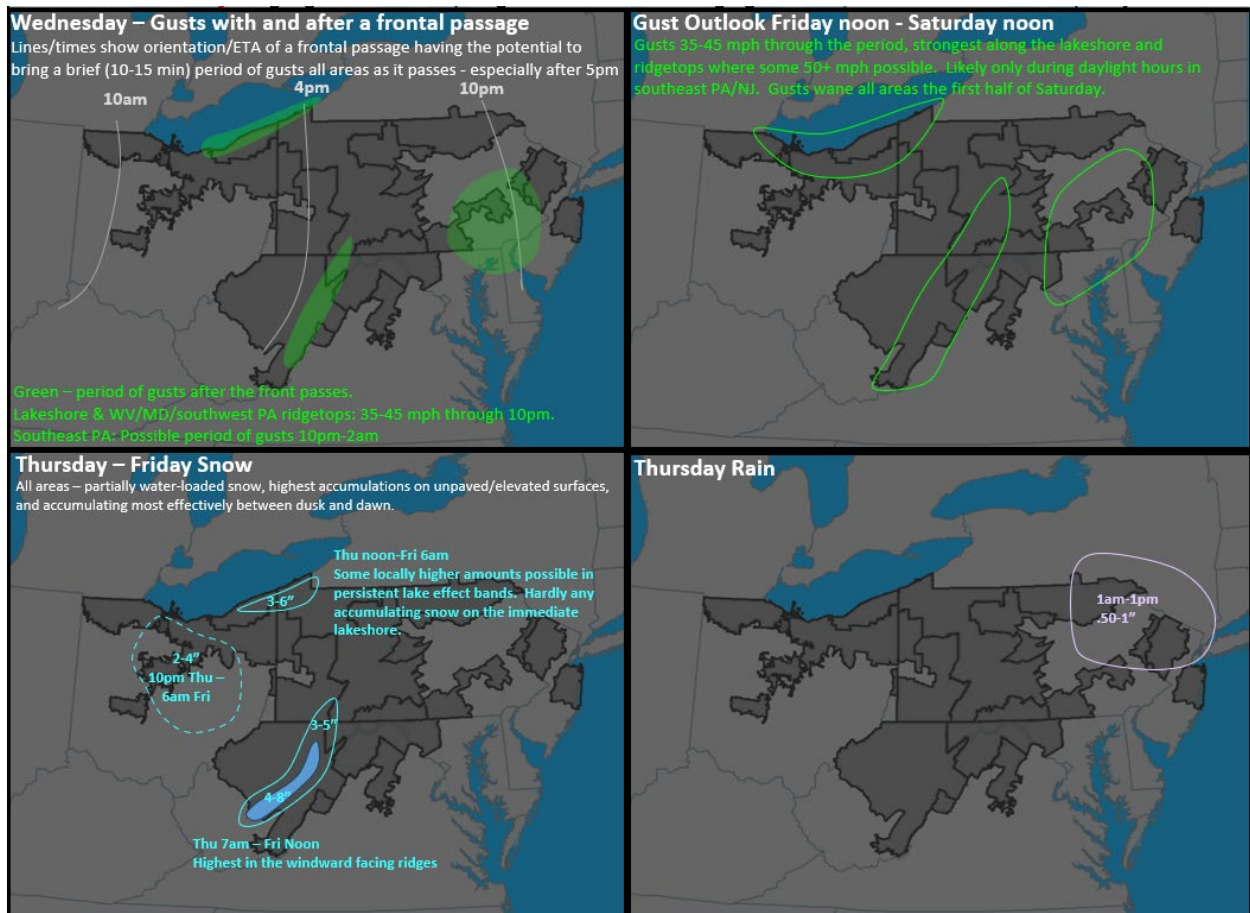


Attachment E: Meteorologist Reports

Monday, November 18, 2024 @ 1027

New Issuance:

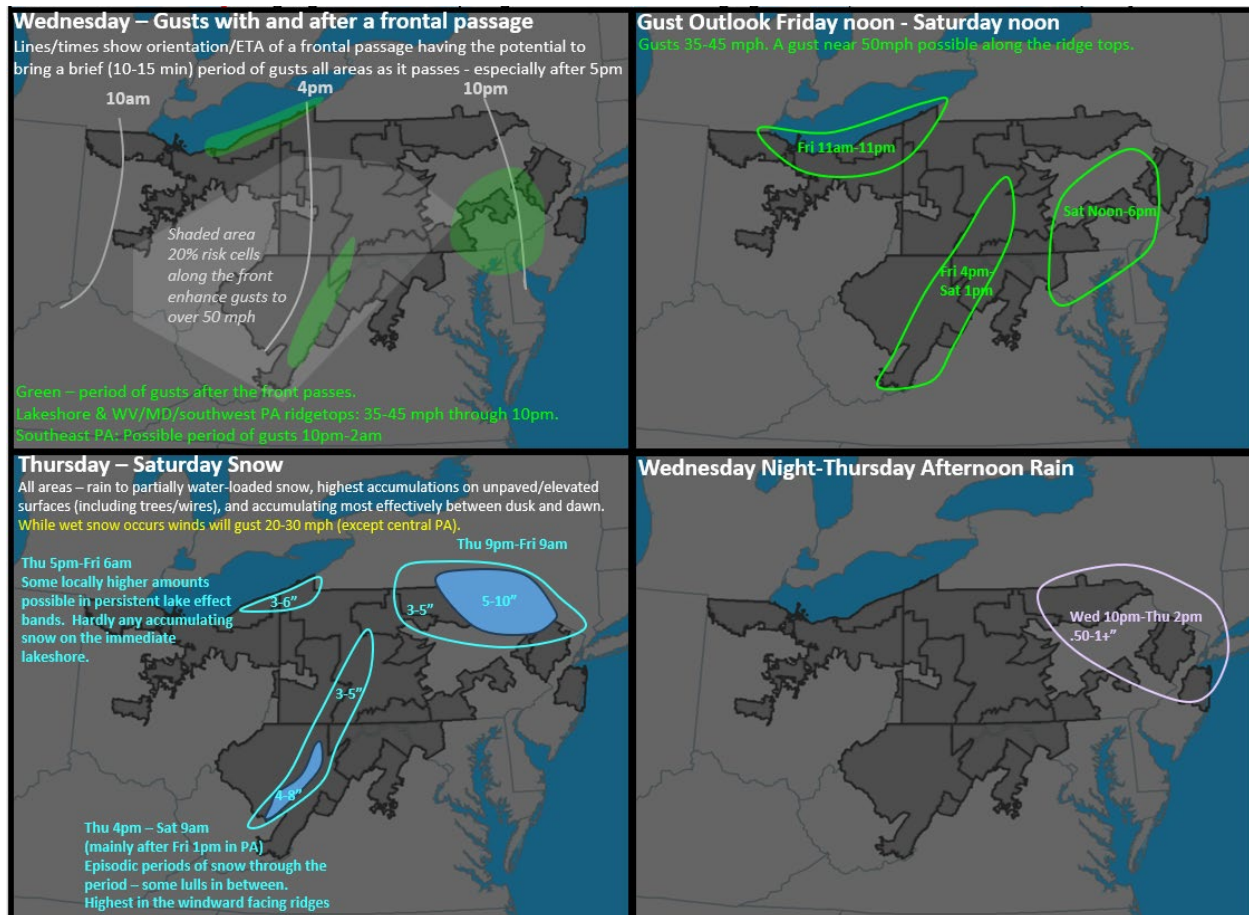
Gusts expected with a frontal passage mid-week followed by a period of cool temperatures, wind gusts, and first season snow – all ending Saturday. Rain amounts depicted due to the ongoing drought/wildfire conditions in east FE. Changes to the details are likely given we are still a few days away from these events.



Tuesday, November 19, 2024 @ 0910

Changes:

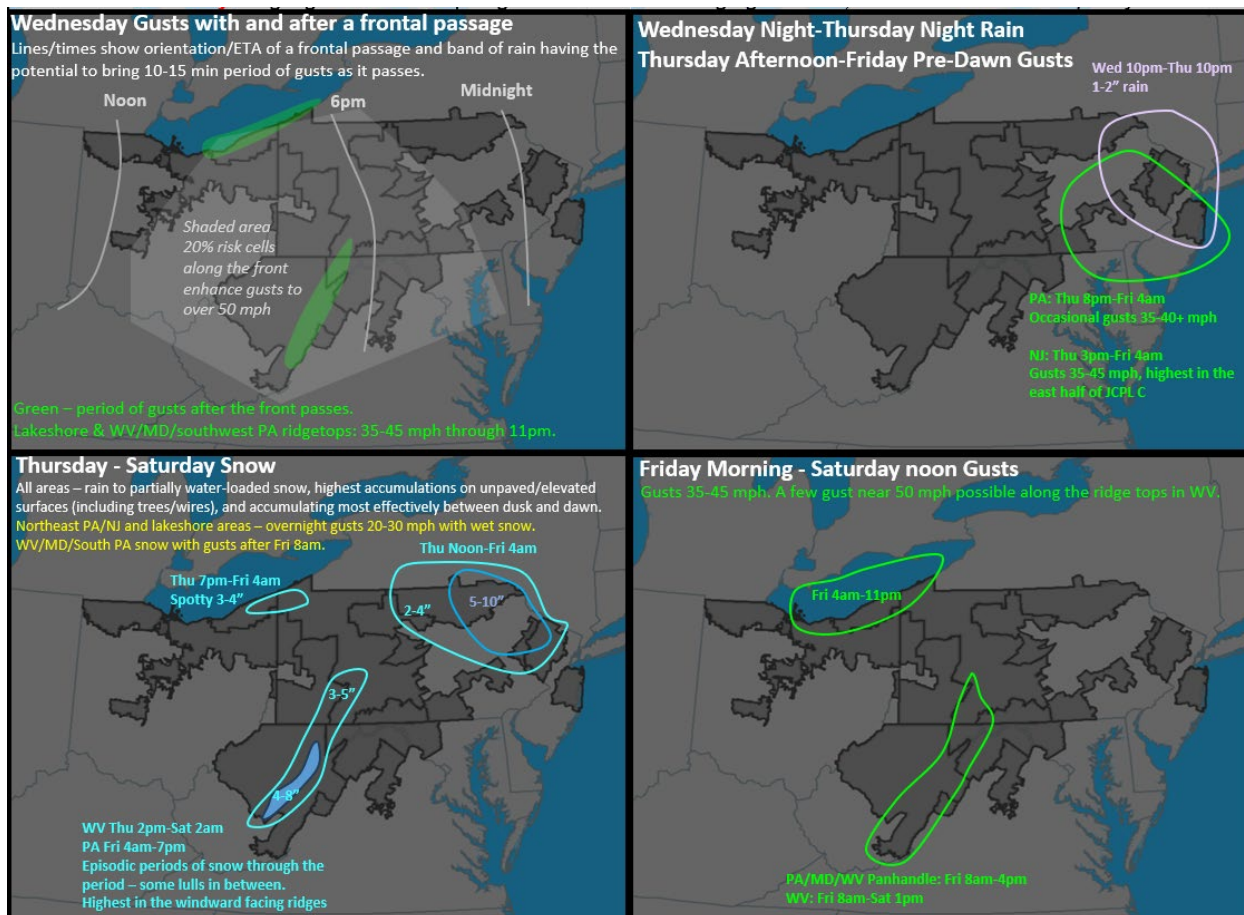
1. Wed frontal passage: Added mention of thunderstorm cells with front.
2. Wed-Thu rain – increased amount and coverage.
3. Fri-Sat gusts: Added details of timing per area.
4. Thu-Sat snow: Adjusted timing all areas, extended south area north into central PA, and added new area in northeast FE. Also added mention of wind gusts in most areas wet snow is expected.



Wednesday, November 20, 2024 @ 0918

Changes:

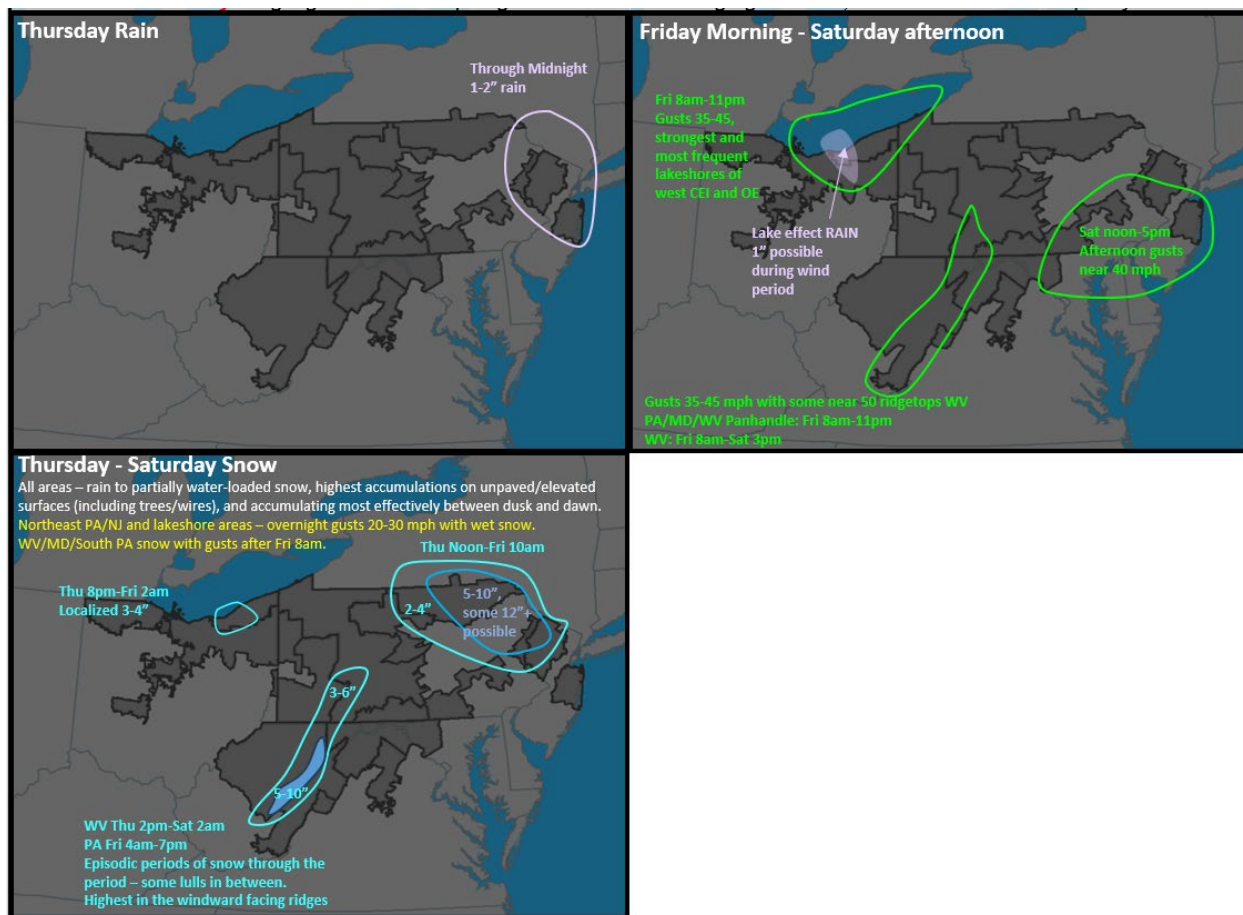
1. Wed frontal passage: Modified timing by 2 hours earlier.
2. Wed-Thu rain and gusts: Fine-rain area and increased amounts. Added gust threat Thu afternoon/evening into early Friday.
3. Fri-Sat gusts: Fine-tuned areas/timing.
4. Thu-Sat snow: Fine-tuned areas/timing.



Thursday, November 21, 2024 @ 0923

Changes:

1. Thu: Removed gusts areas
2. Fri-Sat gusts: Highlighted localized area of 1" rain combined with expanded wind area in OH. Added gust area in southeast PA, east MD, and NJ.
3. Thu-Sat snow: Shifted the lake effect area west, increased amounts in northeast PA and WV



Friday, November 22, 2024 @ 0946

Changes:

1. Fri-Sat gusts: Added gust area today in southeast PA, east MD, and NJ.
2. Fri-Sat snow: Fine-tuned amounts and timing. Snow will still be partially water loaded.

