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July 5, 2022

VIA E-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 –
West Penn Power Company; Docket No. L-PRMD7509***

Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 67.1, West Penn Power Company (“West Penn”) submits written notification of completed restoration efforts following storm conditions that began on June 16, 2022 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,



Darsh Singh

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)
Harry Bidelsbach – 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: West Penn Company ("West Penn")
Address: 800 Cabin Hill Road
Greensburg, PA 15601

2. Name and title of person making report:

Scott Wyman President, Pennsylvania Operations
(Name) *(Title)*

3. Telephone number: (724) 838-6150
(Telephone Number)

4. Date and time report was made to Commission:

June 16, 2022 2122
(Date) *(Time)*

5. Interruption or Outage:

- (a) Number of customers affected: 29,695 (Represents 4.1% 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	2,981	12	12
Armstrong	2,044	17	12
Bedford	44	6	1
Butler	483	11	12
Cameron	390	3	5
Centre	1,231	21	14
Clarion	101	8	2
Clinton	8	2	1
Elk	10,858	100	86
Fayette	2,076	18	16
Franklin	236	10	4
Fulton	191	3	0
Greene	825	14	10
Lycoming	357	1	0
McKean	19	3	2
Washington	2,920	26	34
Westmoreland	4,931	36	38
Total	29,695	291	249

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 117

(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 the afternoon of Thursday, June 16, 2022, a long-lived supercell thunderstorm moved throughout the West Penn service territory from northwest to southeast. Wind gusts of 70 miles per hour were reported in Elk County where a large portion of the damage occurred. See Attachment B for radar at the time of the storm and the 24-hour total precipitation for June 16, 2022.

Damage as a result of the thunderstorms included downed trees/power lines, damaged and broken poles/crossarms, and damaged equipment. Restoration efforts were affected by impassable roads caused by downed trees. The St. Mary's District was the hardest hit area. Approximately 63.6% of the total outages that occurred in the West Penn service territory were tree related.

Preliminary data indicates the reliability impact of the storm was 10.6 minutes of SAIDI, 0.04 minutes of SAIFI, and an overall storm CAIDI of 259.25 minutes.

- (g) Projected time of restoration: The estimated time of restoration for the majority of customers was 1300 on June 18, 2022, with a few isolated customers extending beyond that time.

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
West Penn Power	133	Line Workers
Met-Ed	33	Line Workers
Penelec	6	Line Workers
Subtotal	172	Line Workers
Asplundh WPP	29	Forestry Contractor
Davey	9	Forestry Contractor
Penn Line Services, Inc.	23	Forestry Contractor
Subtotal	61	Forestry Contractor
Thompson Electric	17	Line Contractor
Subtotal	17	Line Contractor
West Penn Power	3	Hazard Responders/Damage Assessors
Subtotal	3	Hazard Responders/Damage Assessors
West Penn Power	78	Supporting Roles
FirstEnergy Service Co.	65	Supporting Roles
Met-Ed	5	Supporting Roles
Penelec	1	Supporting Roles
Contractors (Various)	2	Supporting Roles
Subtotal	151	Supporting Roles
Grand Total	404	

- (i) The date and time of the first information of a service interruption: June 16, 2022, at 1514.
- (j) The date and time that repair crews were assembled: Crews were on duty and were held over with additional crews called in as the storm commenced.

- (k) The actual time that service was restored to the last affected customer: June 19, 2022, at 1710.
- (l) A general description of the physical damage sustained by the utility facilities as a result of the interruption/outage:

Equipment	Number
Primary Spans Down	119
Secondary Spans Down	4
Crossarms Replaced	34
Cutouts Replaced	23
Poles Replaced	27
Transformers Replaced	28
Wire & Cable Replaced (feet)	17,835

- (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.

If the interruption/outage event caused approximate outages that exceed 10% or more 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
10329543-3	Washington	2	3,279	06/17/2022 0921	06/19/2022 1600
10330951-2	Elk	6	3,096	06/17/2022 1334	06/19/2022 1710
10328553-2	Elk	49	3,064	06/16/2022 1715	06/18/2022 2019
10327738-1	Elk	1	2,907	06/16/2022 1743	06/18/2022 1810
10328514-2	Elk	1	2,877	06/16/2022 1711	06/18/2022 1708
10328553-1	Elk	10	2,853	06/16/2022 1715	06/18/2022 1648
10327598-3	Elk	4	2,853	06/16/2022 1712	06/18/2022 1645
10328339-2	Cameron	14	2,828	06/16/2022 1807	06/18/2022 1715
10329056-2	Elk	1	2,821	06/16/2022 1903	06/18/2022 1804
10327951-2	Elk	1	2,782	06/16/2022 1735	06/18/2022 1557
10330951-2	Elk	5	2,778	06/17/2022 1852	06/19/2022 1710
10331267-2	Elk	72	2,765	06/16/2022 1715	06/18/2022 1520
10328091-1	Elk	6	2,752	06/16/2022 1646	06/18/2022 1438
10328412-2	Elk	5	2,715	06/16/2022 2050	06/18/2022 1805
10331267-2	Elk	27	2,635	06/16/2022 1715	06/18/2022 1310
10331953-1	Elk	4	2,623	06/16/2022 1740	06/18/2022 1323
10329283-2	Elk	8	2,610	06/16/2022 1701	06/18/2022 1231
10330698-3	Greene	2	2,597	06/17/2022 1655	06/19/2022 1212
10328647-1	Cameron	2	2,590	06/16/2022 2205	06/18/2022 1715
10328184-1	Elk	1	2,568	06/16/2022 2002	06/18/2022 1450
10329608-1	Elk	2	2,536	06/16/2022 2134	06/18/2022 1550
10327716-1	Elk	1	2,490	06/16/2022 1726	06/18/2022 1056
10331751-1	Elk	2	2,480	06/16/2022 1807	06/18/2022 1127
10328039-2	Elk	5	2,464	06/16/2022 1718	06/18/2022 1022
10328433-2	Elk	1	2,218	06/16/2022 2011	06/18/2022 0909
10329292-2	Elk	4	2,187	06/17/2022 0005	06/18/2022 1232
10331135-1	Elk	17	1,937	06/16/2022 1707	06/18/2022 0124
10329494-1	Elk	1	1,921	06/17/2022 0914	06/18/2022 1715

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 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
10330297-2	Elk	1	1,884	06/17/2022 1101	06/18/2022 1825
10329420-2	Elk	10	1,812	06/17/2022 0838	06/18/2022 1450
10329482-2	Elk	11	1,808	06/17/2022 0911	06/18/2022 1519
10329946-1	Elk	1	1,670	06/17/2022 1310	06/18/2022 1700
10330698-2	Greene	2	1,606	06/17/2022 1655	06/18/2022 1941
10327728-2	Elk	9	1,580	06/16/2022 1727	06/17/2022 1947
10329487-1	Elk	17	1,552	06/16/2022 1713	06/17/2022 1905
10330121-1	Elk	1	1,541	06/17/2022 1419	06/18/2022 1600
10327728-2	Elk	21	1,538	06/16/2022 1727	06/17/2022 1905
10327716-1	Elk	11	1,534	06/16/2022 1726	06/17/2022 1900
10327727-2	Elk	7	1,533	06/16/2022 1736	06/17/2022 1909
10328475-2	Elk	24	1,519	06/16/2022 1721	06/17/2022 1840
10328514-1	Elk	2	1,517	06/16/2022 1711	06/17/2022 1828
10328038-2	Elk	64	1,488	06/16/2022 1707	06/17/2022 1755
10328841-1	Elk	14	1,484	06/16/2022 1715	06/17/2022 1759
10329587-1	Elk	2	1,477	06/16/2022 2120	06/17/2022 2157
10329029-2	Elk	64	1,469	06/16/2022 1701	06/17/2022 1730
10329806-1	Elk	55	1,424	06/16/2022 1701	06/17/2022 1645
10328734-2	Elk	27	1,422	06/16/2022 1715	06/17/2022 1657
10327629-1	Elk	529	1,413	06/16/2022 1709	06/17/2022 1642
10327559-1	Elk	44	1,394	06/16/2022 1636	06/17/2022 1550
10327617-1	Elk	262	1,394	06/16/2022 1709	06/17/2022 1623
10330280-2	Greene	13	1,389	06/17/2022 1514	06/18/2022 1423
10332344-2	Greene	2	1,377	06/18/2022 1758	06/19/2022 1655
10328058-1	Elk	11	1,375	06/16/2022 1903	06/17/2022 1758
10329806-1	Elk	63	1,366	06/16/2022 1701	06/17/2022 1547
10329580-1	Elk	2	1,363	06/16/2022 2122	06/17/2022 2005
10328493-1	Elk	18	1,351	06/16/2022 1723	06/17/2022 1554
10329601-2	Elk	1	1,345	06/17/2022 1008	06/18/2022 0833
10329404-1	Elk	1	1,343	06/16/2022 1643	06/17/2022 1506
10328214-1	Elk	26	1,288	06/16/2022 1752	06/17/2022 1520
10329404-1	Elk	81	1,283	06/16/2022 1643	06/17/2022 1406
10332116-2	Greene	6	1,271	06/18/2022 1532	06/19/2022 1243

West Penn 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
10329627-1	McKean	3	1,268	06/17/2022 1022	06/18/2022 0730
10328734-1	Elk	38	1,263	06/16/2022 1715	06/17/2022 1418
10327992-3	Elk	202	1,246	06/16/2022 1759	06/17/2022 1445
10329126-1	Elk	24	1,245	06/16/2022 1852	06/17/2022 1537
10329163-1	Elk	18	1,242	06/16/2022 1723	06/17/2022 1405
10328198-1	Elk	1	1,181	06/16/2022 2006	06/17/2022 1547
10328729-1	Elk	24	1,160	06/16/2022 1715	06/17/2022 1235
10328120-2	Centre	2	1,138	06/16/2022 1927	06/17/2022 1425
10329056-1	Elk	15	1,127	06/16/2022 1903	06/17/2022 1350
10328120-2	Centre	5	1,083	06/16/2022 1927	06/17/2022 1330
10328702-1	Elk	5	1,079	06/16/2022 2231	06/17/2022 1630
10331493-1	McKean	13	1,067	06/18/2022 0043	06/18/2022 1830
10329527-2	Elk	2	1,063	06/17/2022 0925	06/18/2022 0308
10327592-2	Elk	4	1,059	06/16/2022 1701	06/17/2022 1040
10327992-2	Elk	145	1,056	06/16/2022 1759	06/17/2022 1135
10329047-1	Elk	33	1,042	06/16/2022 2004	06/17/2022 1326
10331180-1	Elk	1	982	06/17/2022 2102	06/18/2022 1324
10329047-1	Elk	16	978	06/16/2022 2004	06/17/2022 1222
10329845-1	Elk	1	906	06/17/2022 1219	06/18/2022 0325
10328038-1	Elk	14	902	06/16/2022 1707	06/17/2022 0809
10328621-1	Elk	15	870	06/16/2022 1723	06/17/2022 0753
10327598-1	Elk	2	845	06/16/2022 1712	06/17/2022 0717
10332288-1	Washington	132	844	06/18/2022 1816	06/19/2022 0820
10328086-2	Westmoreland	8	839	06/16/2022 1918	06/17/2022 0917
10330036-1	Elk	35	838	06/17/2022 0223	06/17/2022 1621
10330024-2	Centre	1	810	06/17/2022 1345	06/18/2022 0315
10327592-1	Elk	338	699	06/16/2022 1701	06/17/2022 0440
10329554-1	Elk	4	684	06/17/2022 0716	06/17/2022 1840
10329411-2	Centre	1	671	06/17/2022 0829	06/17/2022 1940
10331497-2	Armstrong	9	666	06/18/2022 0132	06/18/2022 1238
10327597-1	Elk	289	574	06/16/2022 1706	06/17/2022 0240
10330670-2	Butler	1	554	06/17/2022 1555	06/18/2022 0109
10331859-2	Bedford	1	551	06/18/2022 1132	06/18/2022 2043

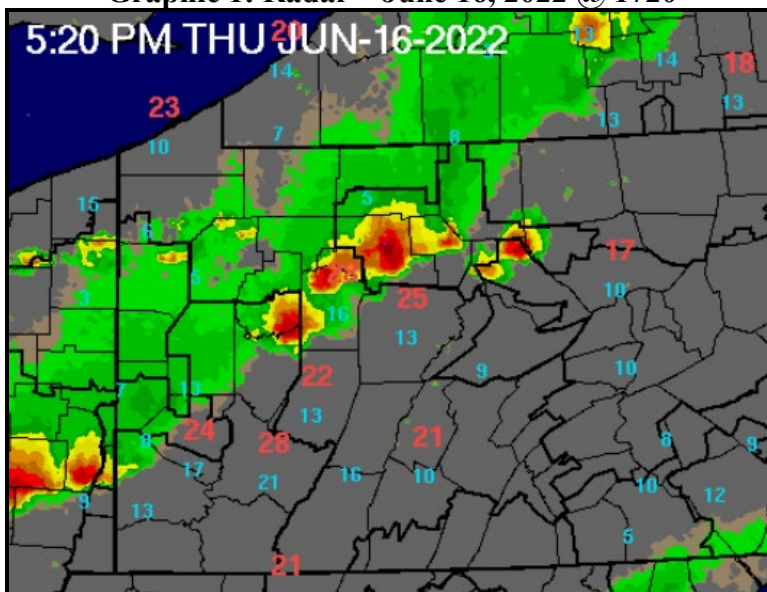
West Penn Storm Report

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
10330361-2	Centre	34	541	06/17/2022 1534	06/18/2022 0035
10330591-2	Washington	3	523	06/17/2022 1620	06/18/2022 0103
10330670-2	Butler	7	509	06/17/2022 1640	06/18/2022 0109
10330464-1	Washington	1	508	06/17/2022 1550	06/18/2022 0018
10329832-1	Centre	3	499	06/17/2022 1212	06/17/2022 2031
10328126-2	Centre	6	470	06/16/2022 1935	06/17/2022 0325
10329648-2	Greene	4	464	06/17/2022 1040	06/17/2022 1824
10330139-1	Butler	1	459	06/17/2022 1428	06/17/2022 2207
10331811-2	Franklin	28	448	06/18/2022 1032	06/18/2022 1800
10332048-1	Fayette	464	439	06/18/2022 1504	06/18/2022 2223
10332061-1	Fayette	581	437	06/18/2022 1504	06/18/2022 2221
10332058-1	Fayette	562	435	06/18/2022 1504	06/18/2022 2219
10332344-1	Greene	16	427	06/18/2022 1758	06/19/2022 0105
10331520-2	Washington	76	404	06/18/2022 0308	06/18/2022 0952
10329986-2	Bedford	15	401	06/17/2022 1319	06/17/2022 2000
10330662-1	Elk	58	394	06/17/2022 1119	06/17/2022 1753
10330020-2	Washington	17	390	06/17/2022 1341	06/17/2022 2011
10331803-1	Elk	15	386	06/18/2022 1022	06/18/2022 1648
10331270-1	Franklin	13	377	06/17/2022 2258	06/18/2022 0515
10330655-2	Armstrong	1	370	06/17/2022 1645	06/17/2022 2255
10328120-2	Centre	351	368	06/16/2022 1927	06/17/2022 0135
10327719-1	Elk	221	366	06/16/2022 1715	06/16/2022 2321
10327648-1	Elk	1,273	366	06/16/2022 1715	06/16/2022 2321

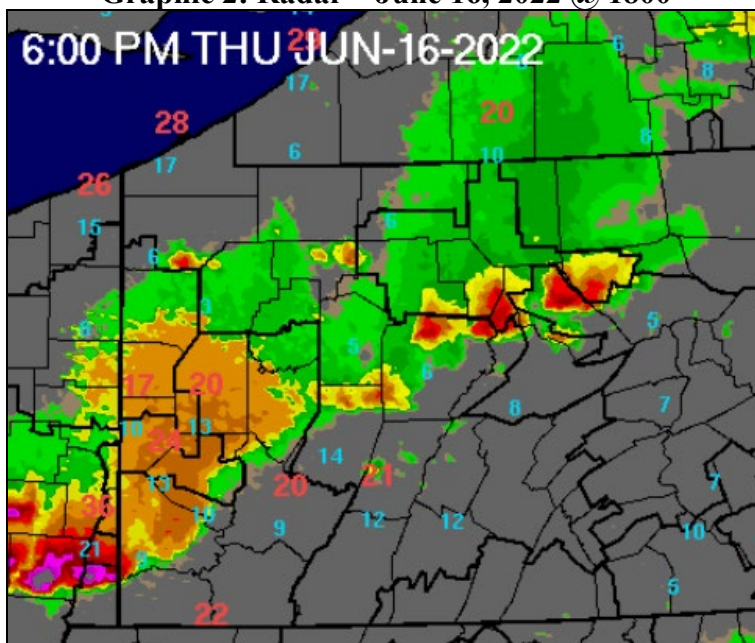
Attachment B: Wind and Precipitation Report

Radar and Precipitation Reports: Graphics 1 and 2 illustrate the radar in the West Penn service territory on June 16, 2022, at the time of the storms. Graphic 3 illustrates the 24-Hour Total Precipitation in the West Penn service territory on June 16, 2022. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

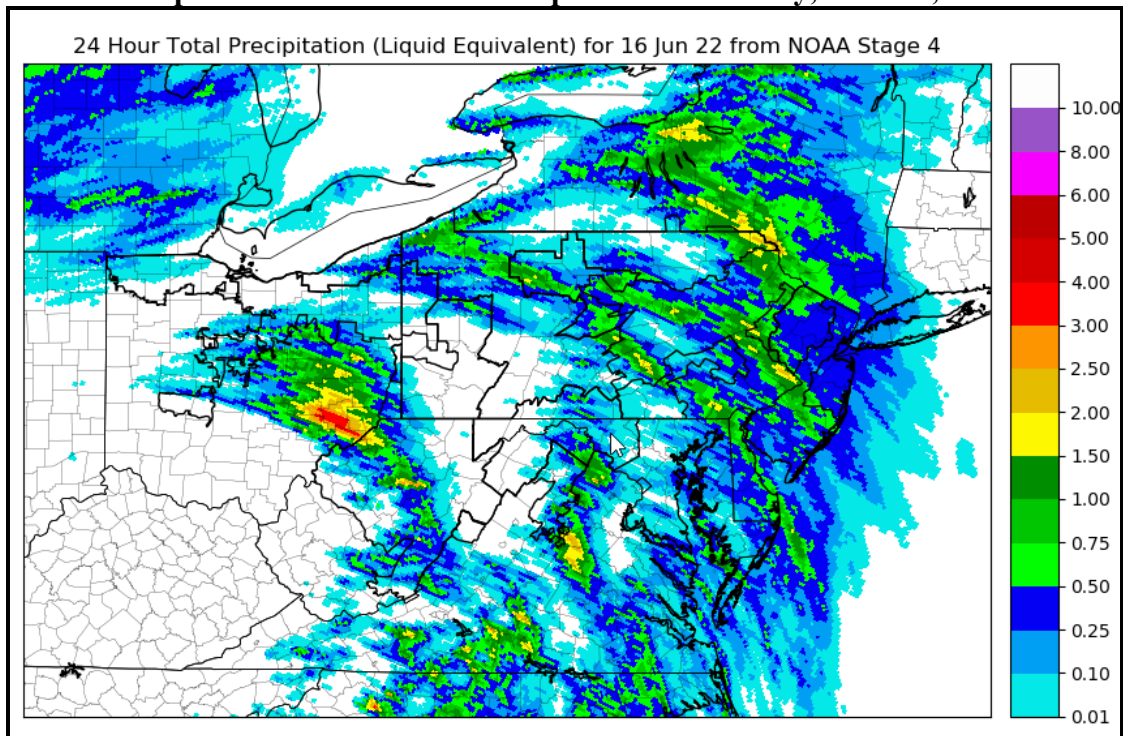
Graphic 1: Radar – June 16, 2022 @ 1720



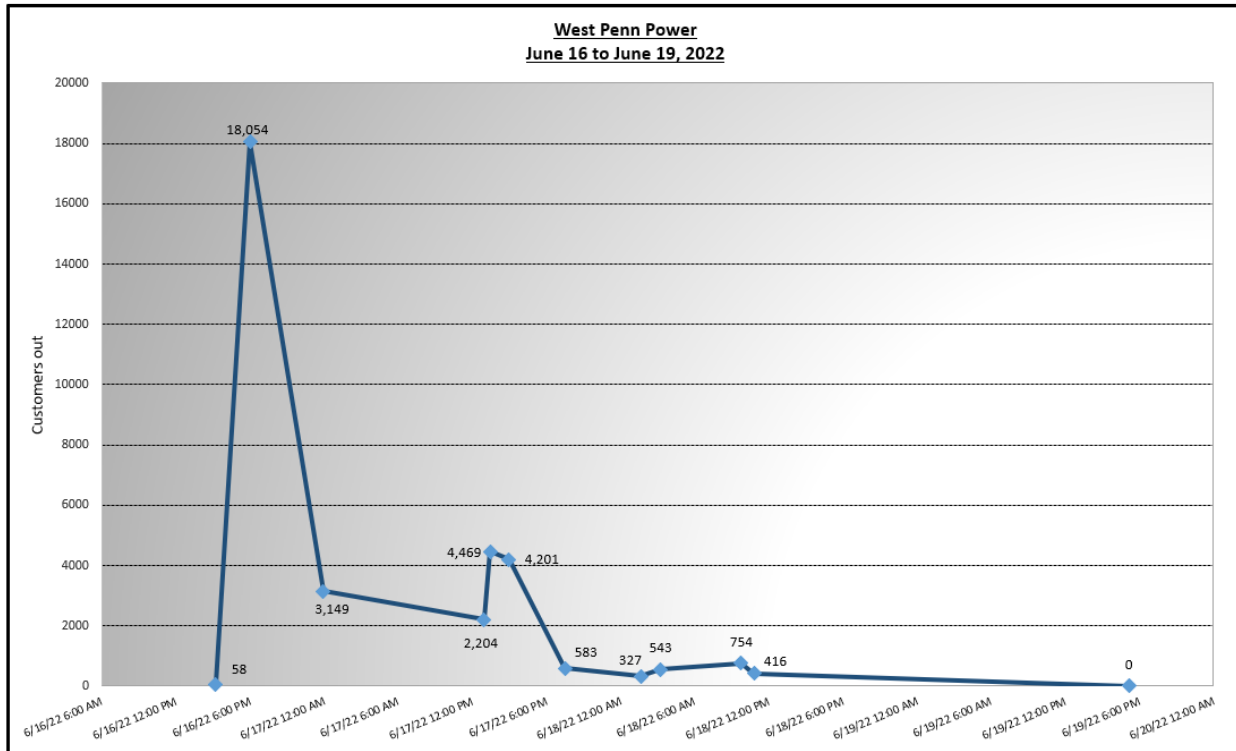
Graphic 2: Radar – June 16, 2022 @ 1800



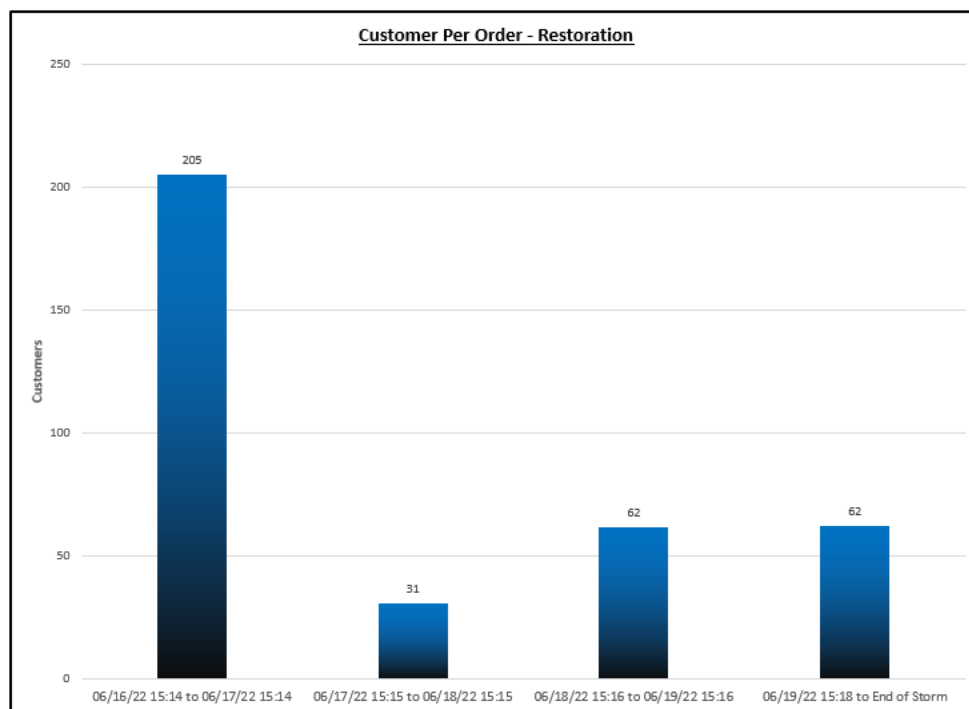
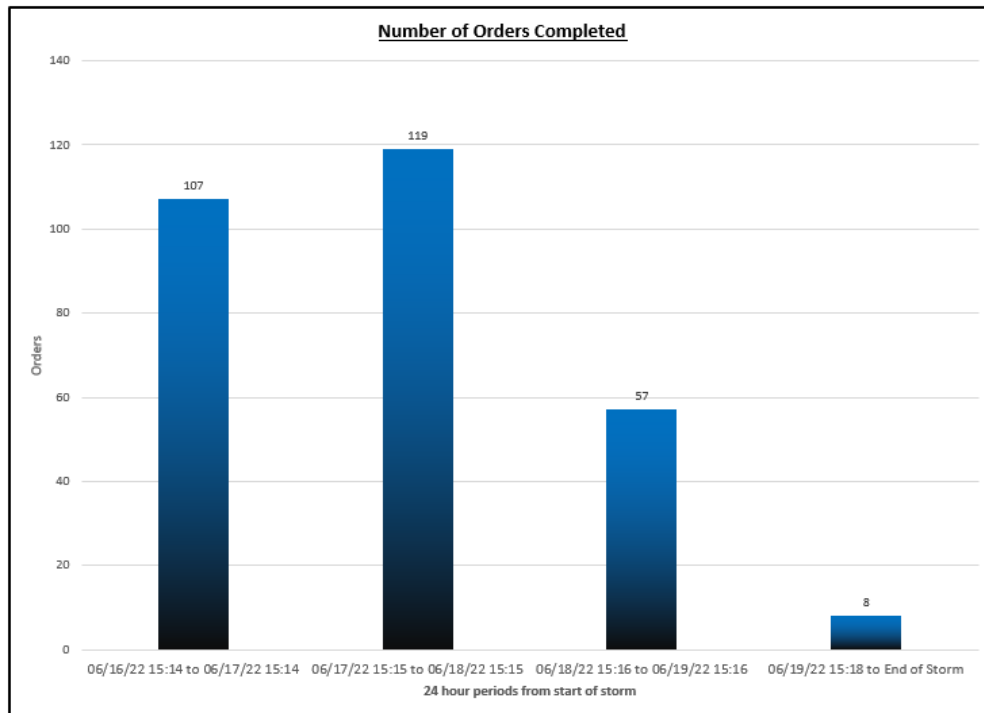
Graphic 3: 24-Hour Total Precipitation: Thursday, June 16, 2022



Attachment C: Restoration Curve



Attachment D: Order Restoration Graphs



Attachment E: Meteorologist Reports

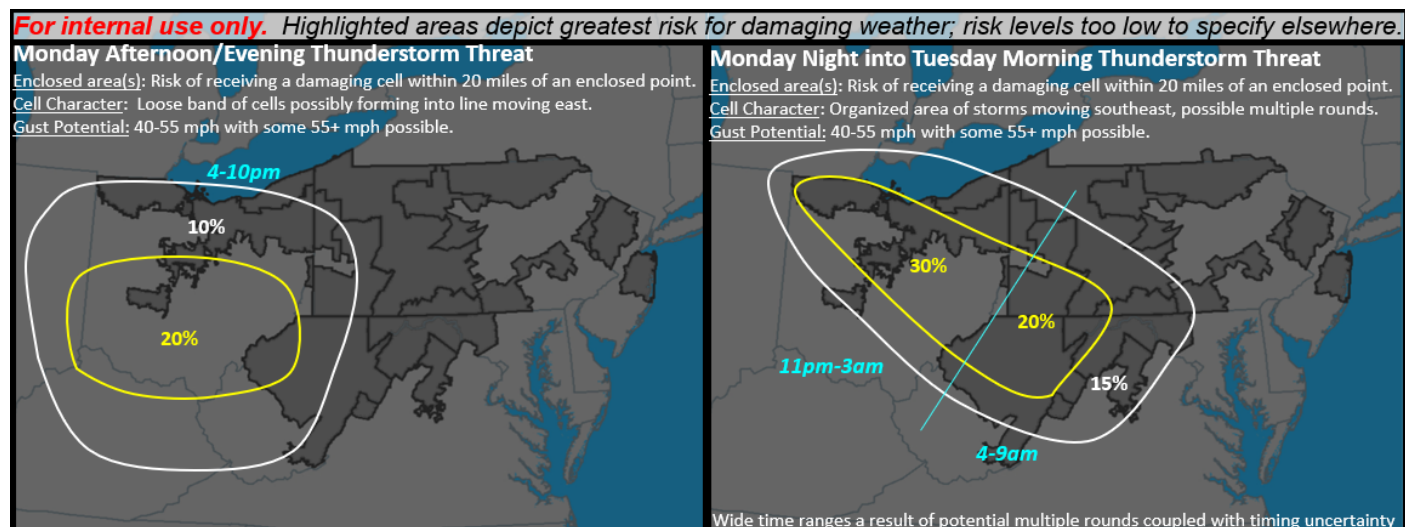
Monday June 13, 2022 @ 1020

Changes:

1. Today (Monday): Added separate afternoon/evening threat. Confidence is slightly below normal with this panel. Most activity should be limited to 6-8pm but there is a +/- 2 hour swing to this time window.
2. Tonight (Monday into Tuesday): Added details of risk, magnitude, and windows of most likely occurrence of damaging storms. Confidence is below normal for this panel due to timing and potential multiple rounds of storms.

Two notes: We may have to extend the overnight threat area to east-central Pennsylvania if supported by afternoon guidance (an update would be sent by 3pm today if needed). We are also monitoring a cold frontal passage Thursday for its potential to introduce more storms into FE.

See graphics below for further information.



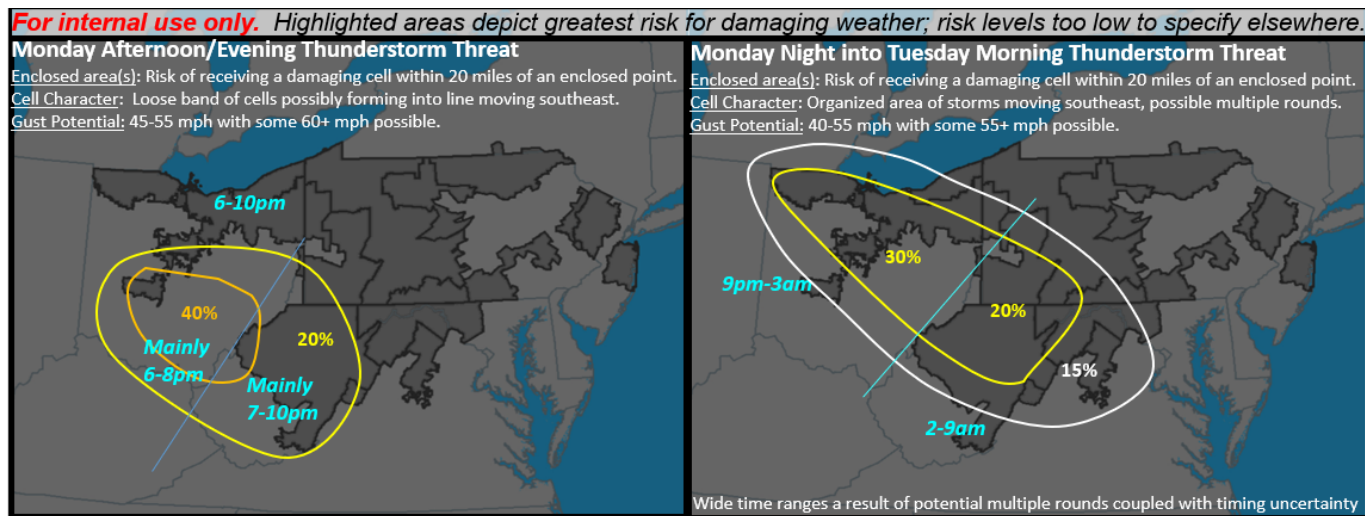
Monday June 13, 2022 @ 1432

Changes:

1. Fine-tuned area for this evening. Confidence is normal given storms have formed in Indiana and should move into southern OH this evening.
2. Tonight: Fine-tuned details. Confidence is still below normal for this panel due to timing and potential multiple rounds of storms.

We are still monitoring a cold frontal passage Thursday for its potential to introduce more storms into FE.

See graphics below for further information.

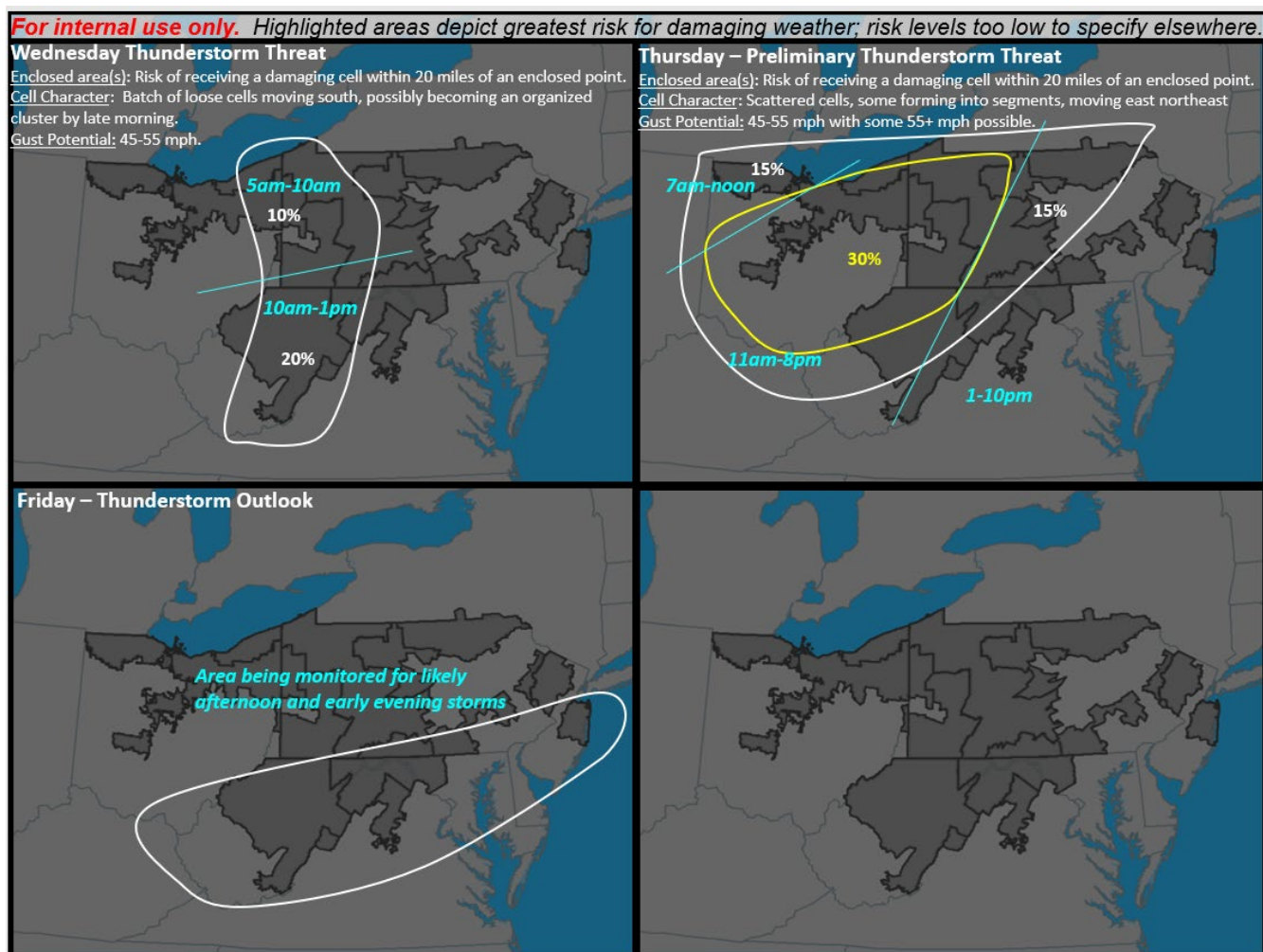


Tuesday, June 14, 2022 @ 1011

Changes:

1. Added threat for Wednesday. Confidence is below normal for this graphic as it is not yet etched in stone how the storms will evolve.
2. Added threat for Thursday. Confidence is slightly below normal for this graphic as details of timing and area not yet available.
3. Added threat area being monitored for storms on Friday. Confidence is below normal for this graphic since it is beyond the range of typical thunderstorm guidance.

See graphics below for further information.

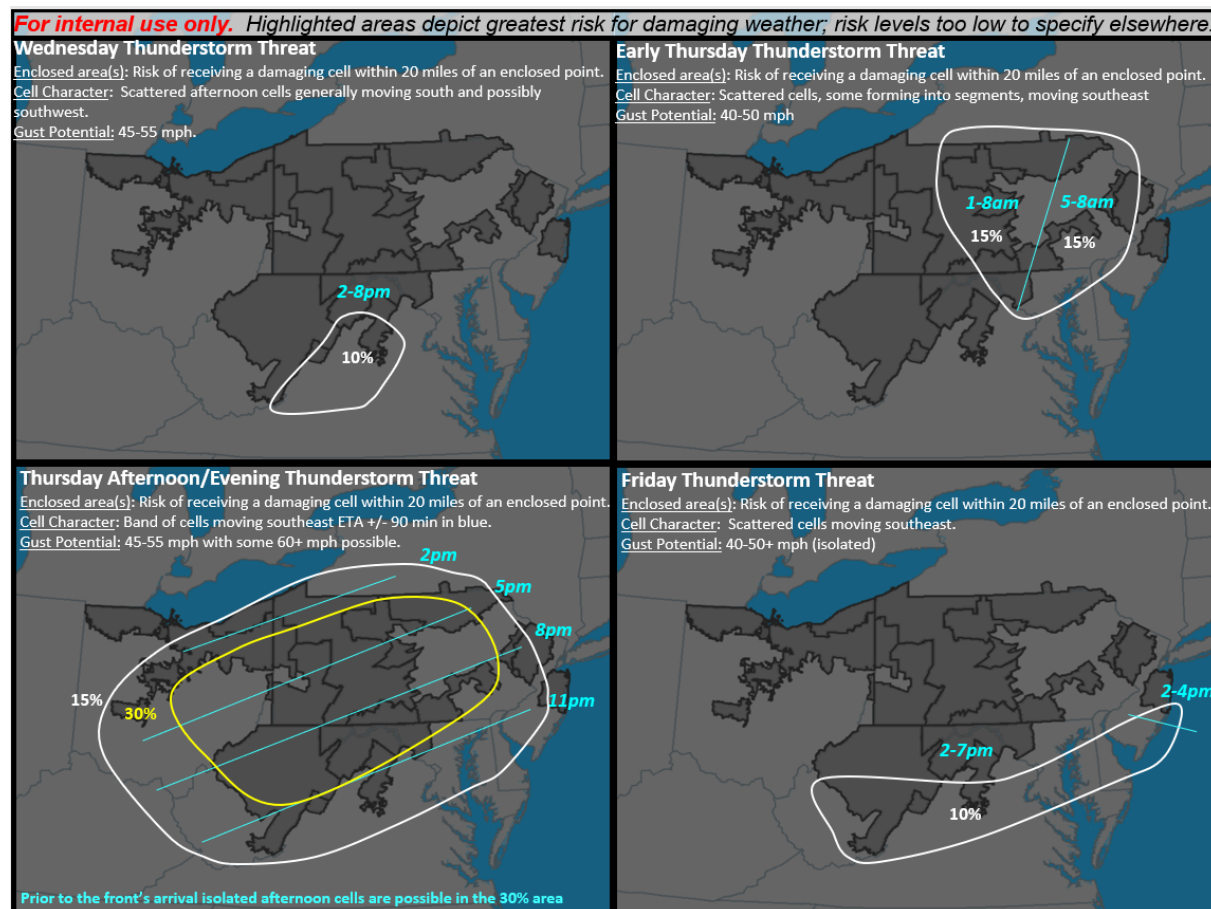


Wednesday, June 15, 2022 @ 0901

Changes:

1. Today: Reduced and shifted threat area east. Modified time window to afternoon. Confidence is normal for this panel.
2. Overnight: Added threat in east third of FE. Confidence is normal for this panel.
3. Thursday: Added details of timing and modified area accordingly. Confidence is slightly below normal for this graphic as it is not etched in stone the breadth of the risk area.
4. Friday: Limited threat area and time frame. Confidence is below normal for this graphic since it is beyond the range of typical thunderstorm guidance.

See graphics below for further information.

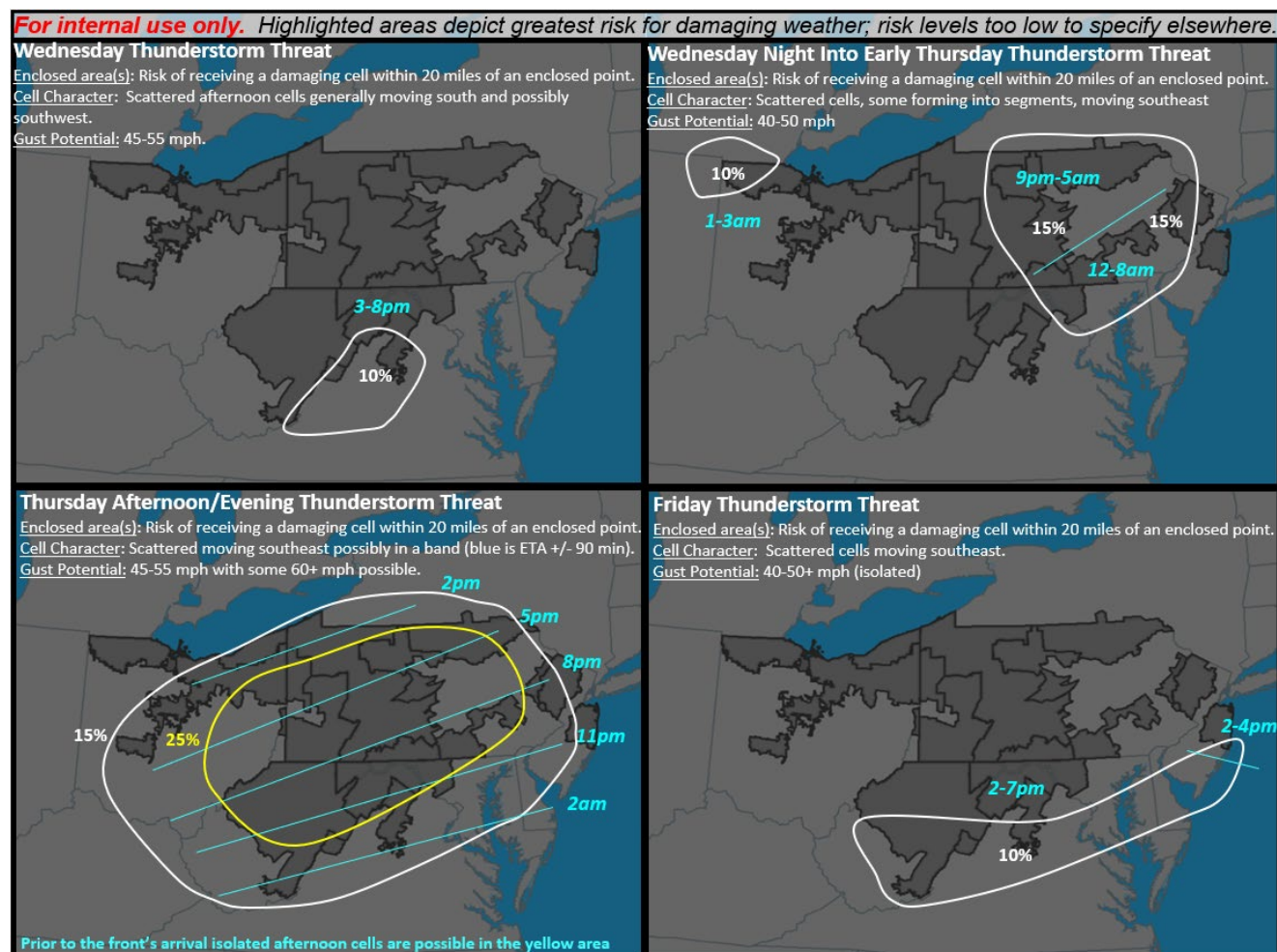


Wednesday, June 15, 2022 @ 1500

Changes:

1. This Evening and Overnight: Added threat to northwest Ohio and modified timing significantly in the PA/MD/NJ area. Confidence is slightly normal for this panel with timing.
2. Thursday: Fine-tuned timing and risk area/magnitude. Confidence remains slightly below normal for this graphic with timing and the potential of scattered cells to form into a line.

See graphics below for further information.

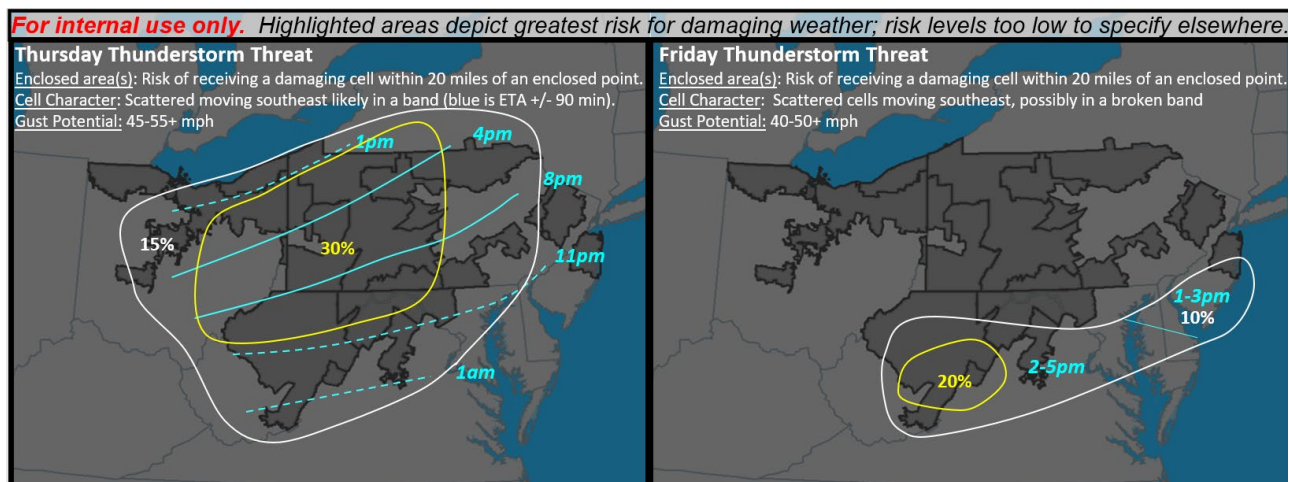


Thursday, June 16, 2022 @ 0913

Changes:

1. Thursday: Shrunk east extent of risk area. Fine-tuned timing and risk area/magnitude. Confidence remains slightly below normal with timing and potential intensity. We will monitor this evolution closely and if needed send an update this afternoon.
2. Friday: Fine-tuned risk magnitude, area, and timing.

See graphics below for further information.



Thursday, June 16, 2022 @ 1436

Changes:

1. Thursday: Added low risk area between 3-6pm WV/MD/PA (green). Fine-tuned timing and risk of main area. Confidence remains slightly below normal with timing and potential intensity.
2. Friday: Reduced threat area and risk magnitude.

See graphics below for further information.

