

Tori L. Giesler, Esq.  
(610) 921-6658  
(330) 315-9263 (Fax)

March 25, 2022

**VIA ELECTRONIC FILING**

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

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

Dear Secretary Chiavetta:

Pursuant to 52 Pa. Code § 67.1, Metropolitan Edison Company (“Met-Ed”) submits written notification of completed restoration efforts following an interruption that began March 12, 2022 that caused multiple service interruptions in the Met-Ed 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) 921-6658.

Sincerely,



Tori L. Giesler

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: Metropolitan Edison Company ("Met-Ed")  
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:  
March 12, 2022 1437  
*(Date)* *(Time)*

5. Interruption or Outage:
- (a) Number of customers affected: 35,704
  - (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
Adams	3784	20	3
Berks	9,050	85	57
Bucks	682	8	9
Chester	454	4	2
Cumberland	3,733	5	4
Dauphin	674	6	4
Lancaster	149	4	1
Lebanon	3400	24	13

Lehigh	42	2	1
Monroe	131	4	5
Montgomery	60	2	3
Northampton	3547	20	19
Pike	25	3	2
York	9973	105	68
<b>TOTAL</b>	<b>35,704</b>	<b>292</b>	<b>191</b>

(d) Approximate number of outage cases exceeding 6 or more hours in duration: 131

(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 Friday, March 11, 2022, a winter storm producing rain, snow, and high winds, moved west to east across the FirstEnergy service territory. The storm began affecting the Met-Ed territory Saturday morning, producing snow and wind gusts in excess of 44 miles per hour. Wind gusts of approximately 39 miles per hour continued to affect the Met-Ed service territory on Sunday, March 13, 2022. See Attachment B for the maximum wind gusts March 12 and 13, 2022 and 24-hour total precipitation for March 12, 2022.

Damage as a result of the high winds included downed trees, broken poles, and downed wires. The York, Lebanon, and Easton regions were the hardest hit. Approximately 36% of the total outages that occurred were tree related.

Preliminary data indicates that this outage resulted in approximately 11.2 minutes of SAIDI, 180.5 minutes of CAIDI, and 0.062 minutes of SAIFI impact.

(g) Projected time of restoration: It was estimated that the majority of customers would be restored by 2300 on March 13, 2022.

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
Met-Ed	130	Line Workers
<b>Subtotal</b>	<b>130</b>	
Agostino Utilities	20	Line Contractor
Haugland	4	Line Contractor
Henkels & McCoy	8	Line Contractor
JW Didado	15	Line Contractor
Miller Bros.	14	Line Contractor
NG Gilbert	14	Line Contractor
PoleSet Inc.	3	Line Contractor
Thompson Electric	20	
<b>Subtotal</b>	<b>98</b>	
Davey	6	Forestry Contractor
Lewis Tree	25	Forestry Contractor
Treesmiths	30	Forestry Contractor
Penn Line	16	Forestry Contractor
York Tree Family	7	Forestry Contractor
<b>Subtotal</b>	<b>84</b>	
Met-Ed	7	Forestry Dispatchers
<b>Subtotal</b>	<b>7</b>	
Met-Ed	21	Hazard Responders/Damage Assessors
<b>Subtotal</b>	<b>21</b>	
Met-Ed	89	Supporting Roles
Contractors (Various)	18	Supporting Roles
<b>Subtotal</b>	<b>107</b>	
<b>Grand Total</b>	<b>447</b>	

- (i) The date and time of the first information of a service interruption: March 12, 2022, at 0736.
- (j) The date and time that repair crews were assembled: Crews were pre-staged leading up to the event with additional crews called in as the storm progressed.

- (k) The actual time that service was restored to the last affected customer: March 13, 2022, at 1900.
- (l) A general description of the physical damage sustained by the utility facilities as a result of the interruption/outage:

<b>Equipment</b>	<b>Number</b>
Primary Spans Down	101
Secondary Spans Down	10
Crossarms Replaced	23
Cutouts Replaced	45
Poles Replaced	12
Transformers Replaced	14
Wire & Cable Replaced (feet)	4,605

- (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 customer 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 information<sup>1</sup>:**

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
11953616-2	Lebanon	1	2,013	03/12/2022 0927	03/13/2022 1900
11953715-2	Berks	4	1,925	03/12/2022 0906	03/13/2022 1711
11953837-3	York	1	1,794	03/12/2022 0922	03/13/2022 1516
11954661-2	York	1	1,770	03/12/2022 1330	03/13/2022 1900
11954119-3	York	3	1,732	03/12/2022 0902	03/13/2022 1354
11953397-5	Chester	36	1,731	03/12/2022 0744	03/13/2022 1235
11954549-3	York	1	1,675	03/12/2022 1320	03/13/2022 1715
11954136-2	Berks	1	1,649	03/12/2022 1128	03/13/2022 1457
11953475-2	York	4	1,640	03/12/2022 0848	03/13/2022 1208
11954511-2	Northampton	3	1,593	03/12/2022 1310	03/13/2022 1543
11955397-2	Bucks	20	1,581	03/12/2022 1520	03/13/2022 1741
11953734-2	Berks	19	1,576	03/12/2022 0942	03/13/2022 1158
11954349-3	York	2	1,559	03/12/2022 1230	03/13/2022 1429
11956744-1	Berks	50	1,557	03/12/2022 0953	03/13/2022 1150
11954034-2	York	11	1,539	03/12/2022 1058	03/13/2022 1237
11954927-2	Berks	1	1,498	03/12/2022 1409	03/13/2022 1507
11953741-1	Berks	8	1,487	03/12/2022 0929	03/13/2022 1016
11953983-2	Berks	1	1,471	03/12/2022 1047	03/13/2022 1118
11954897-2	Lancaster	52	1,449	03/12/2022 1359	03/13/2022 1408
11954836-1	York	1	1,447	03/12/2022 1353	03/13/2022 1400
11954857-3	York	5	1,443	03/12/2022 1358	03/13/2022 1401
11955348-2	York	1	1,436	03/12/2022 1510	03/13/2022 1506
11956407-2	Adams	37	1,416	03/12/2022 1759	03/13/2022 1735
11954102-1	Adams	1	1,406	03/12/2022 1112	03/13/2022 1038
11954246-2	Berks	1	1,403	03/12/2022 1207	03/13/2022 1130
11955499-2	Northampton	7	1,402	03/12/2022 1531	03/13/2022 1453
11956024-2	Berks	15	1,397	03/12/2022 1703	03/13/2022 1620
11955142-1	Northampton	4	1,391	03/12/2022 1039	03/13/2022 0950
11956019-2	Northampton	5	1,386	03/12/2022 1702	03/13/2022 1608
11956209-3	York	1	1,379	03/12/2022 1822	03/13/2022 1721

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

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
11954165-2	Dauphin	13	1,358	03/12/2022 1134	03/13/2022 1012
11955545-2	Lebanon	6	1,348	03/12/2022 1543	03/13/2022 1411
11955092-1	Northampton	1	1,337	03/12/2022 1436	03/13/2022 1253
11954698-3	York	27	1,322	03/12/2022 1333	03/13/2022 1135
11955069-2	Berks	1	1,321	03/12/2022 1430	03/13/2022 1231
11954825-1	York	2	1,313	03/12/2022 1349	03/13/2022 1142
11955586-2	Berks	62	1,312	03/12/2022 1549	03/13/2022 1341
11954503-1	York	1	1,306	03/12/2022 1309	03/13/2022 1055
11955313-2	Berks	83	1,287	03/12/2022 1452	03/13/2022 1219
11955521-2	Berks	30	1,281	03/12/2022 1139	03/13/2022 0900
11956621-1	Northampton	2	1,268	03/12/2022 1335	03/13/2022 1043
11956439-2	York	1	1,266	03/12/2022 2012	03/13/2022 1718
11954126-2	York	25	1,253	03/12/2022 1123	03/13/2022 0816
11956868-1	York	7	1,234	03/12/2022 1317	03/13/2022 0951
11954938-3	Berks	19	1,186	03/12/2022 1411	03/13/2022 0957
11957037-1	Adams	1	1,183	03/12/2022 1354	03/13/2022 0937
11955586-2	Berks	21	1,181	03/12/2022 1549	03/13/2022 1130
11955215-2	York	24	1,175	03/12/2022 1455	03/13/2022 1030
11955586-2	Berks	13	1,166	03/12/2022 1549	03/13/2022 1115
11954997-2	Northampton	44	1,121	03/12/2022 1422	03/13/2022 0903
11956258-2	Berks	11	1,119	03/12/2022 1839	03/13/2022 1318
11954756-1	York	1	1,114	03/12/2022 1336	03/13/2022 0810
11955411-2	Berks	150	1,113	03/12/2022 1521	03/13/2022 0954
11955788-2	York	6	1,085	03/12/2022 1616	03/13/2022 1021
11956426-2	Berks	73	1,069	03/12/2022 1458	03/13/2022 0847
11955940-1	Berks	1	1,059	03/12/2022 1642	03/13/2022 1021
11956360-2	York	75	999	03/12/2022 1924	03/13/2022 1203
11955496-3	Berks	5	995	03/12/2022 1535	03/13/2022 0810
11954767-1	Adams	832	964	03/12/2022 1342	03/13/2022 0546
11953719-2	York	43	961	03/12/2022 0939	03/13/2022 0140
11956613-1	Lebanon	1	953	03/12/2022 2217	03/13/2022 1410
11953482-2	York	3	905	03/12/2022 0856	03/13/2022 0001
11956585-1	Berks	2	900	03/12/2022 2210	03/13/2022 1310
11954946-1	Northampton	4	898	03/12/2022 1402	03/13/2022 0500
11953409-1	Lebanon	1	887	03/12/2022 0756	03/12/2022 2243

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
11953788-5	Berks	34	867	03/12/2022 0958	03/13/2022 0025
11955227-4	Berks	647	828	03/12/2022 1457	03/13/2022 0445
11956430-1	York	8	822	03/12/2022 2005	03/13/2022 0947
11956432-1	Lancaster	2	817	03/12/2022 2009	03/13/2022 0946
11955473-1	Berks	3	803	03/12/2022 1146	03/13/2022 0109
11956742-2	Berks	4	773	03/13/2022 0117	03/13/2022 1410
11956660-2	Berks	1	764	03/12/2022 2251	03/13/2022 1135
11956059-1	Berks	22	701	03/12/2022 0958	03/12/2022 2139
11955951-1	Adams	12	698	03/12/2022 1255	03/13/2022 0033
11953678-3	York	4	693	03/12/2022 0932	03/12/2022 2105
11954190-1	York	1	684	03/12/2022 1143	03/12/2022 2307
11954413-1	Lebanon	8	679	03/12/2022 1244	03/13/2022 0003
11953538-1	York	1	675	03/12/2022 0920	03/12/2022 2035
11956780-2	Berks	2	666	03/13/2022 0304	03/13/2022 1410
11953514-1	Adams	1	645	03/12/2022 0917	03/12/2022 2002
11953738-1	York	1	637	03/12/2022 0944	03/12/2022 2021
11954848-1	York	2	600	03/12/2022 1355	03/12/2022 2355
11956180-1	York	8	584	03/12/2022 1317	03/12/2022 2301
11955638-1	York	1	579	03/12/2022 1600	03/13/2022 0139
11953599-2	Lebanon	25	578	03/12/2022 0919	03/12/2022 1857
11956806-1	Cumberland	18	563	03/13/2022 0501	03/13/2022 1424
11953718-2	Berks	1	558	03/13/2022 0352	03/13/2022 1310
11953718-2	Berks	3	556	03/13/2022 0352	03/13/2022 1308
11956894-1	York	8	555	03/13/2022 0745	03/13/2022 1700
11954463-2	Lebanon	107	530	03/12/2022 1305	03/12/2022 2155
11953762-1	Berks	53	529	03/12/2022 0843	03/12/2022 1732
11955230-1	Berks	30	524	03/12/2022 1003	03/12/2022 1847
11953522-2	Dauphin	129	522	03/12/2022 0918	03/12/2022 1800
11953435-1	Lebanon	2	519	03/12/2022 0826	03/12/2022 1705
11956877-1	York	1	513	03/13/2022 0716	03/13/2022 1549
11953991-1	Monroe	33	506	03/12/2022 1051	03/12/2022 1917
11953415-2	Lancaster	12	490	03/12/2022 0805	03/12/2022 1615
11953970-1	Berks	23	488	03/12/2022 1046	03/12/2022 1854
11955076-1	Lebanon	7	488	03/12/2022 1433	03/12/2022 2241
11957034-2	Berks	4	480	03/13/2022 0915	03/13/2022 1715

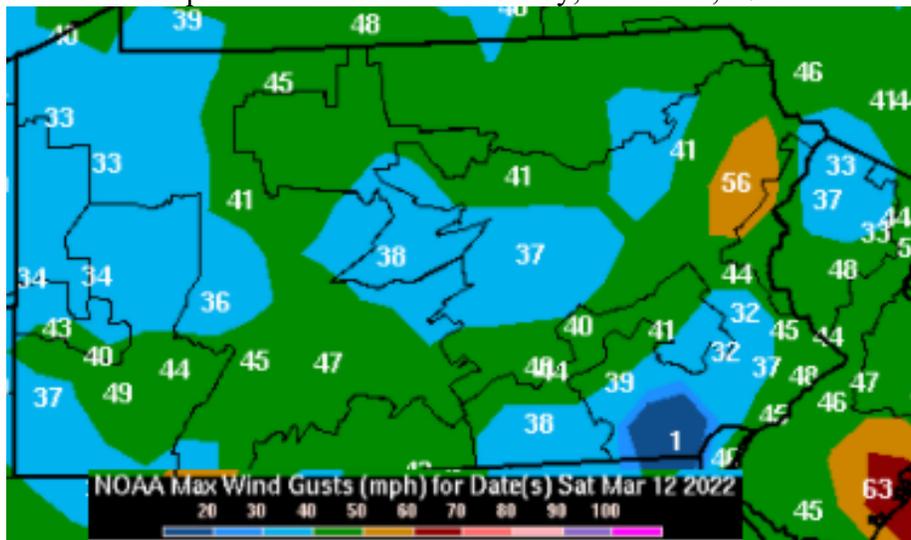
Metropolitan Edison Report

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
11957035-1	Adams	12	478	03/13/2022 0343	03/13/2022 1141
11956460-1	Bucks	49	474	03/12/2022 2006	03/13/2022 0400
11954218-1	York	13	474	03/12/2022 1159	03/12/2022 1953
11955202-1	Bucks	6	471	03/12/2022 1452	03/12/2022 2243
11956923-1	York	1	470	03/13/2022 0814	03/13/2022 1604
11954802-1	Adams	145	466	03/12/2022 1332	03/12/2022 2118
11954903-1	Berks	3	453	03/12/2022 1405	03/12/2022 2138
11955957-1	Berks	15	452	03/12/2022 1045	03/12/2022 1817
11955775-1	Bucks	7	438	03/12/2022 1612	03/12/2022 2330
11954392-1	Berks	91	431	03/12/2022 0752	03/12/2022 1503
11955184-1	Northampton	9	429	03/12/2022 1446	03/12/2022 2155
11954743-2	Dauphin	64	429	03/12/2022 1331	03/12/2022 2040
11954928-1	Northampton	4	428	03/12/2022 1402	03/12/2022 2110
11955760-2	York	153	428	03/12/2022 1307	03/12/2022 2015
11955090-1	York	5	426	03/12/2022 0953	03/12/2022 1659
11953837-2	York	19	425	03/12/2022 0824	03/12/2022 1529
11953788-5	Berks	210	416	03/12/2022 0958	03/12/2022 1654
11957080-2	Lebanon	1	413	03/13/2022 1014	03/13/2022 1707
11954415-1	York	88	410	03/12/2022 1232	03/12/2022 1922
11954099-1	York	1	410	03/12/2022 1110	03/12/2022 1800
11953829-1	Berks	125	403	03/12/2022 0939	03/12/2022 1622
11954451-1	York	12	401	03/12/2022 1300	03/12/2022 1941
11954375-1	York	1	400	03/12/2022 1234	03/12/2022 1914
11953779-1	Berks	9	398	03/12/2022 1000	03/12/2022 1638
11955426-1	Bucks	4	395	03/12/2022 1513	03/12/2022 2148
11954873-1	Lebanon	7	395	03/12/2022 1401	03/12/2022 2036
11956914-2	Lebanon	6	393	03/13/2022 0808	03/13/2022 1441
11956018-1	Berks	115	392	03/12/2022 1601	03/12/2022 2233
11955461-1	Berks	2	383	03/12/2022 1529	03/12/2022 2152
11955230-2	Berks	68	367	03/12/2022 1601	03/12/2022 2208
11957050-1	Bucks	1	366	03/13/2022 1214	03/13/2022 1820

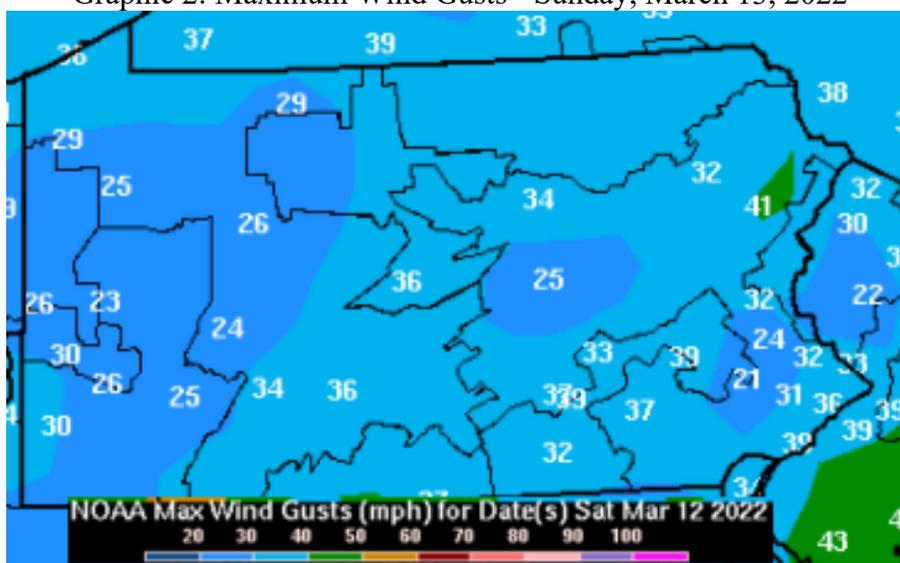
**Attachment B: FirstEnergy Wind and Precipitation Report**

**Wind and Precipitation Reports:** Graphics 1 and 2 illustrate the maximum wind gusts in the Met-Ed service territory on March 12 and 13, 2022. Graphic 3 illustrates precipitation in the Met-Ed service territory on March 12, 2022. The graphics are from the National Oceanic and Atmospheric Administration (“NOAA”).

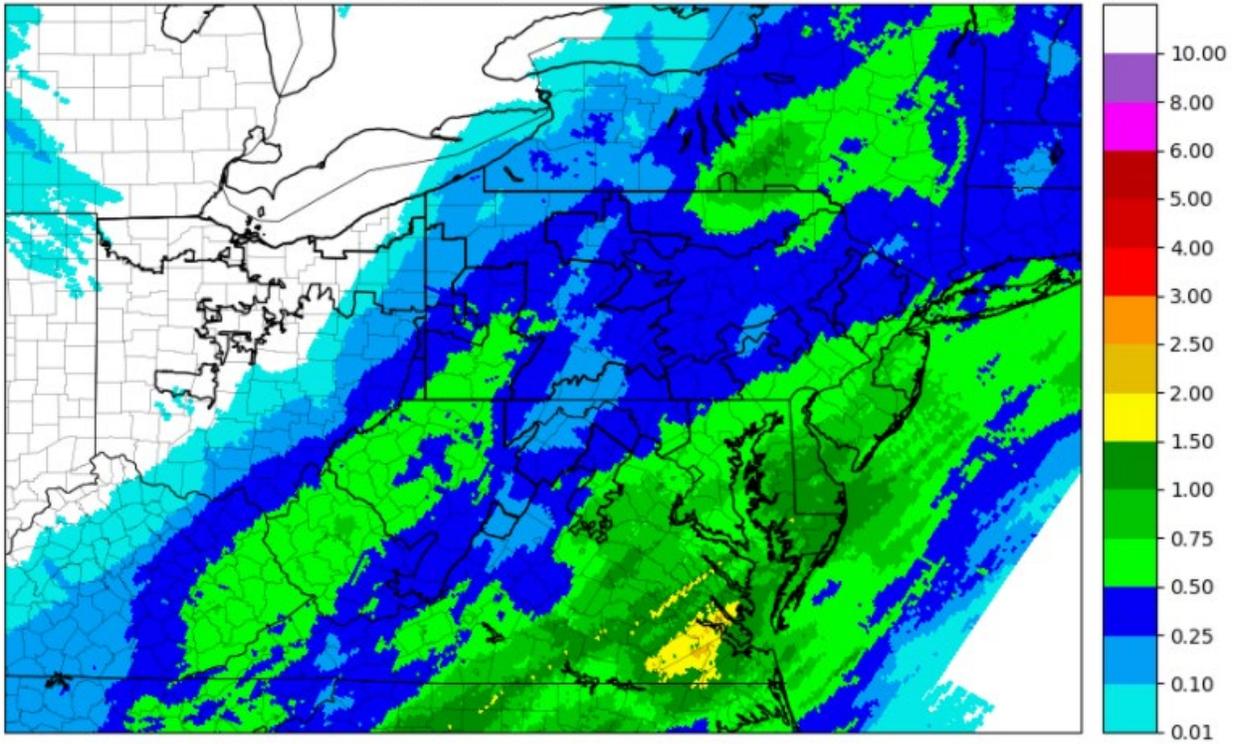
Graphic 1: Wind Gusts - Saturday, March 12, 2022



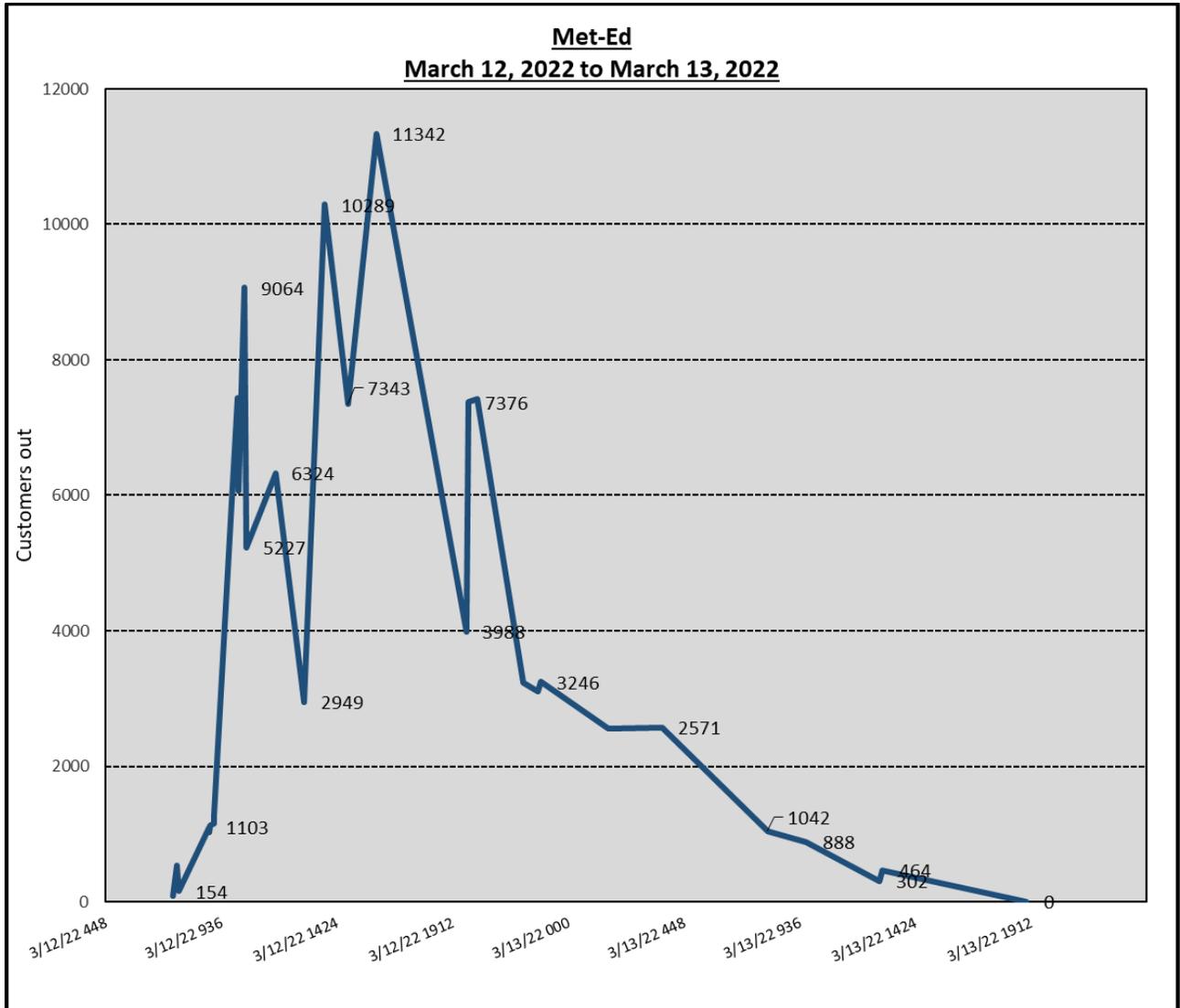
Graphic 2: Maximum Wind Gusts - Sunday, March 13, 2022



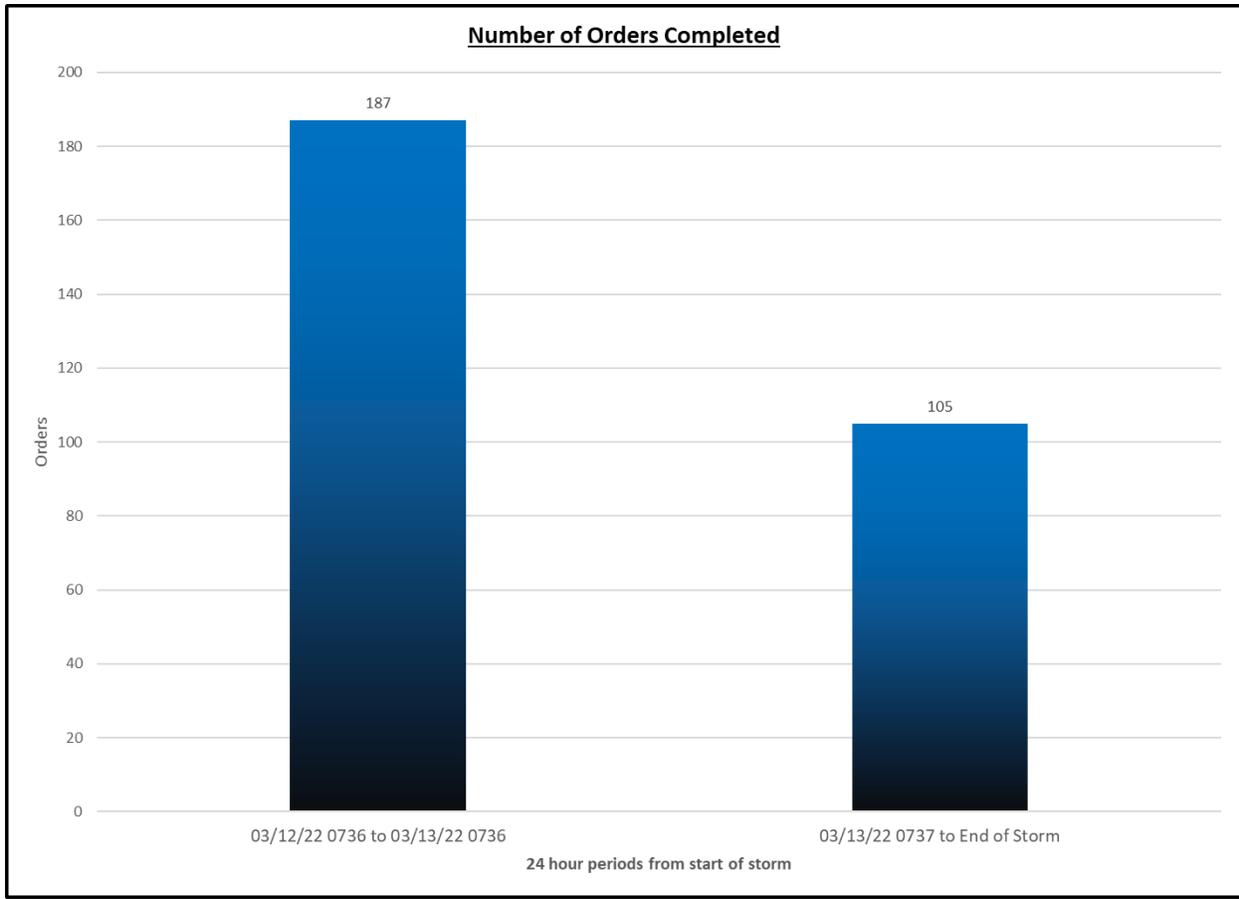
Graphic 3: Precipitation - Saturday, March 12, 2022  
24 Hour Total Precipitation (Liquid Equivalent) for 12 Mar 22 from NOAA Stage 4

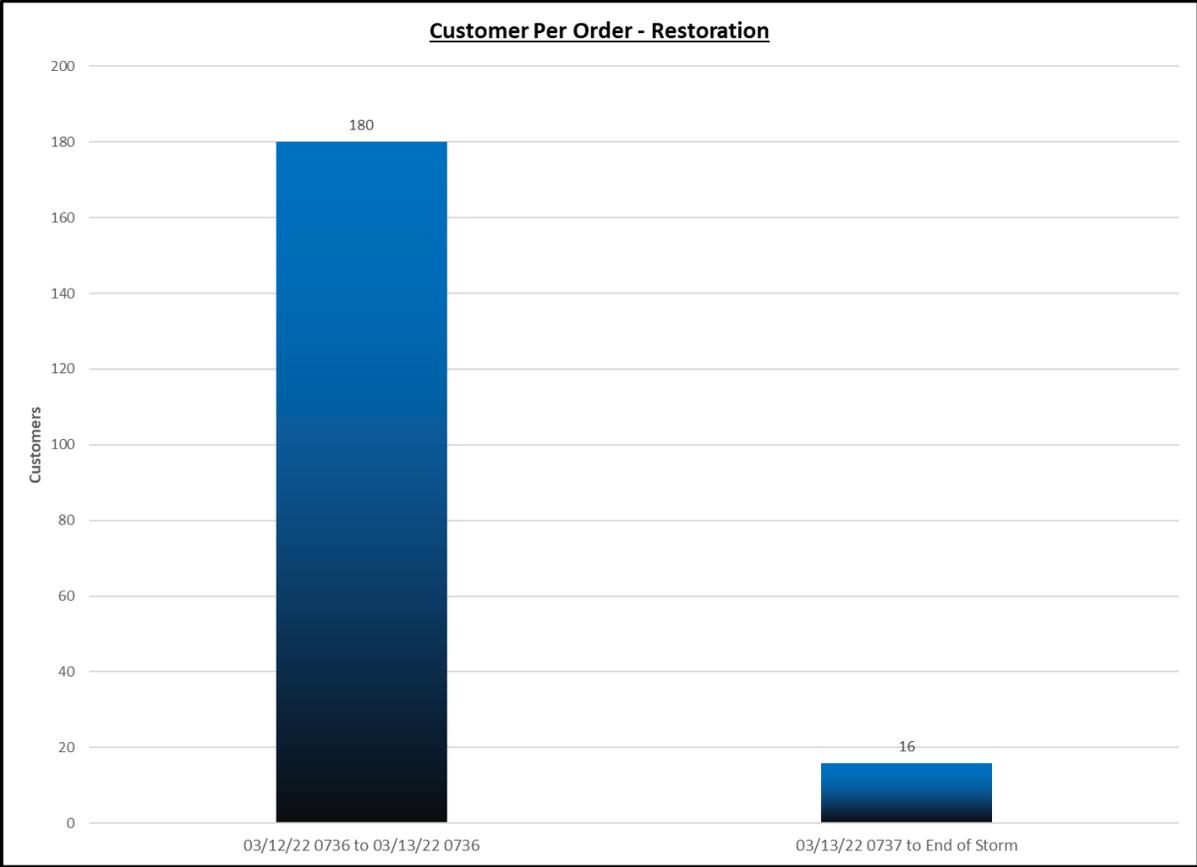


**Attachment C: Order Restoration Curve**



**Attachment D: Order Restoration Graphs**





**Attachment E: FirstEnergy Meteorologist Reports**

**Tuesday March 8, 2022 @ 0850**

**New Issuance.** Two Events:

1. Wednesday Wet Snow Event. Confidence is normal this event will occur but, below normal with the high end of the accumulation range (may struggle to reach 4”).
2. Saturday Frontal Passage. This is a first cut at the event. We will also monitor this frontal passage for any potential to produce a strong band of showers as it passes through early in the day. Confidence is below normal given the event is still 3-4 days away.

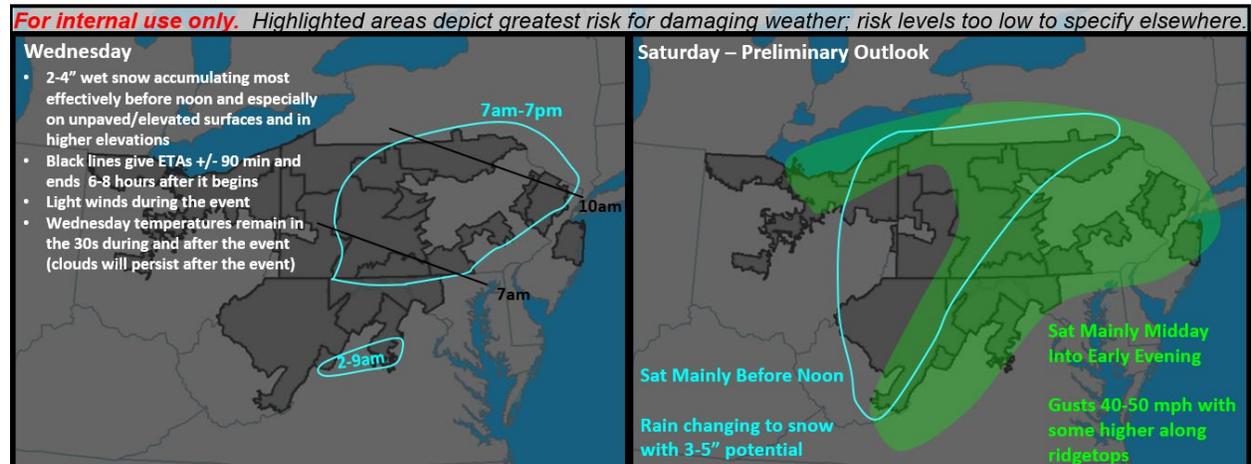
Tomorrow’s alert will focus primarily on the weekend event.

**Next Update – 11am Wed**

Manousos – 330 396 0059

Workoff – 716 397 4430

See the [FEWX Page](#) for more information including [Alert Criteria](#) and how to be added to the [FEWX Alert List](#)



**Wednesday March 9, 2022 @ 0853**

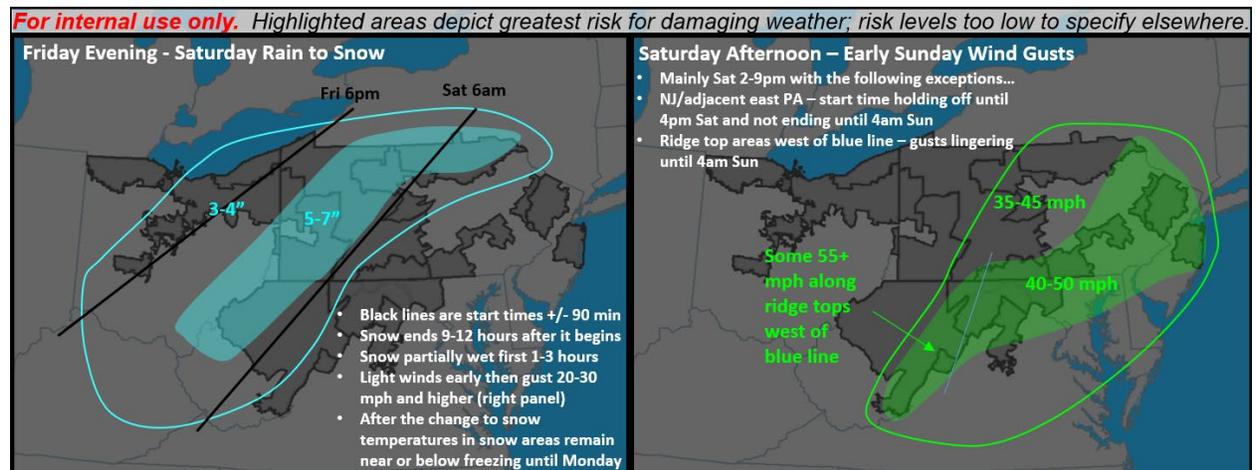
**Changes:** Added detail of timing, areal coverage, and magnitudes. Confidence is normal that the event will occur, but slightly below normal for timing of each threat as well as the precise accumulations given the event is still about 3 days away.

**Next Update – 11am Thu**

Manousos – 330 396 0059

Workoff – 716 397 4430

See the [FEWX Page](#) for more information including [Alert Criteria](#) and how to be added to the [FEWX Alert List](#)



**Thursday March 10, 2022 @ 0953**

**Changes:** Confidence is high that the event will occur, normal for snow fall map, and slightly below normal for wind gusts map.

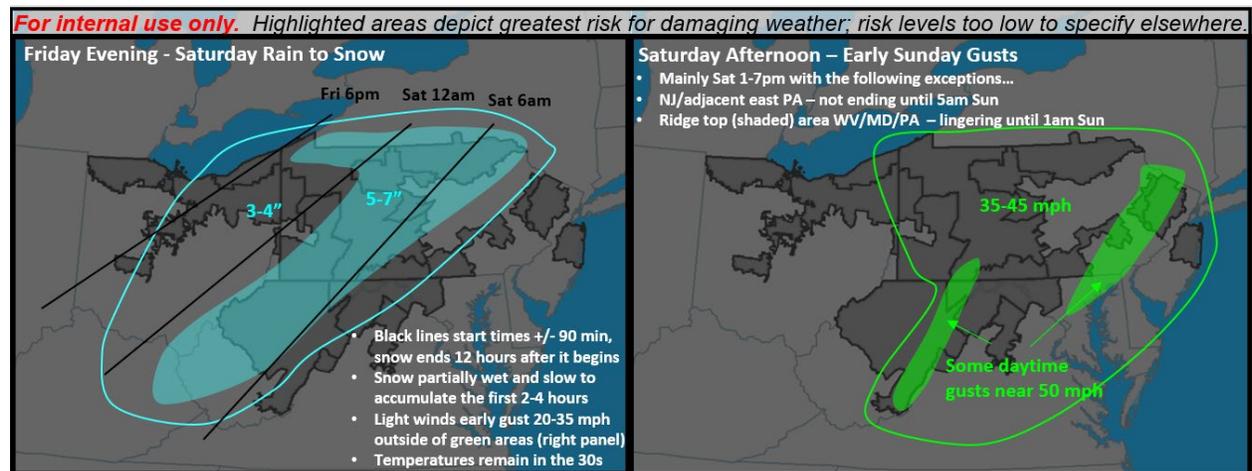
1. Snow: Expanded area east, contracted slightly west edge. Shifted axis of heaviest snow east and extended it to include northwest PA.
2. Gusts: Expanded overall area west but reduced regions of highest winds and also reduced max gust values by 5 mph.

**Next Update – 11am Fri**

Manousos – 330 396 0059

Workoff – 716 397 4430

See the [FEWX Page](#) for more information including [Alert Criteria](#) and how to be added to the [FEWX Alert List](#)



**Friday March 11, 2022 @ 0953**

**Changes:** Confidence is high the event will occur, slightly below normal for snow fall map given some shifting of the area is still possible, and normal for wind gust map.

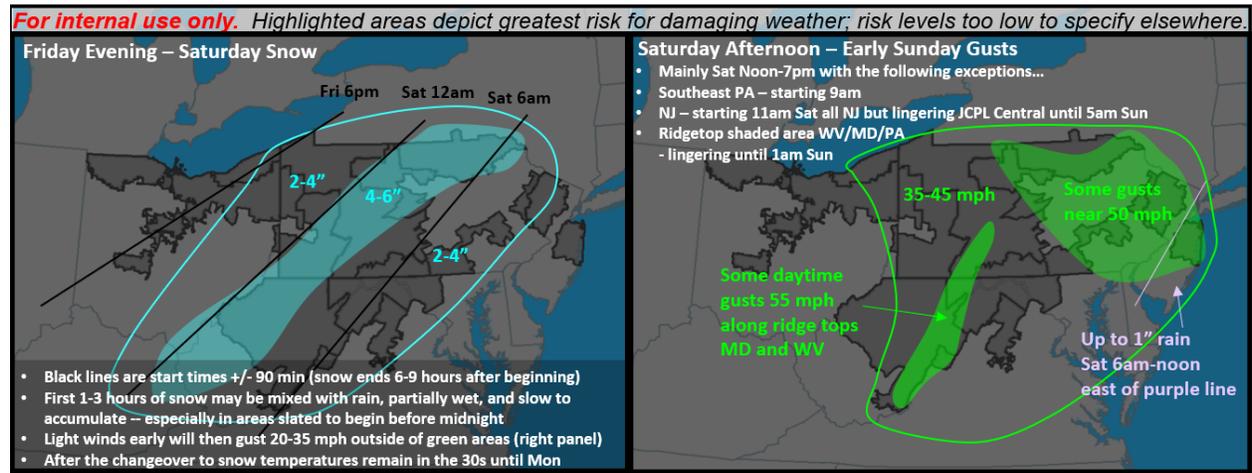
1. Snow: Area - expanded east, contracted west edge. Amounts - reduced by 1". Timing - start time earlier for east half of threat area by 1-2 hours and decreased duration and detailed where rain will mix with snow for 1-3 hours.
2. Gusts: Area - expanded west slightly, increased 50 mph potential in PA and NJ. Magnitude - increased ridgetop gusts values 5 mph. Timing - added details.
3. Rain: Added mention of 1" rain in NJ Sat

**Next Update – 11am Sat**

Manousos – 330 396 0059

Workoff – 716 397 4430

See the [FEWX Page](#) for more information including [Alert Criteria](#) and how to be added to the [FEWX Alert List](#)



**Friday March 11, 2022 @ 1455**

**Changes based on latest guidance.** Confidence remains high event will occur, still slightly below normal for snowfall given lack of continuity in guidance, and normal for wind gusts.

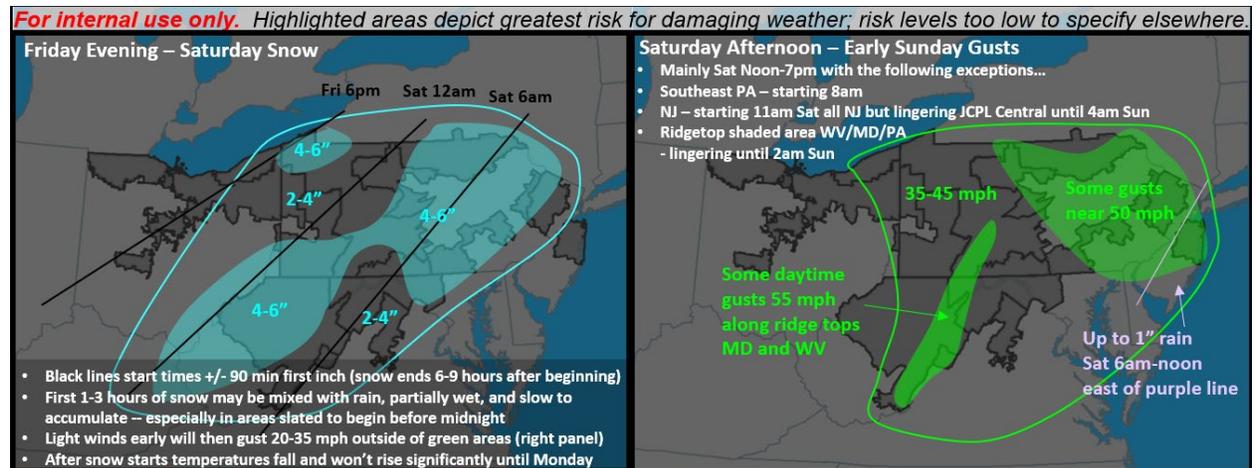
1. Snow. Area – expanded area east, heaviest snow area also expanded east but in central PA almost split into two separate areas and added additional amounts for Lake Effect in northwest PA.
2. Gusts – small timing changes (1 hour adjustments)

**Next Update – 11am Sat**

Manousos – 330 396 0059

Workoff – 716 397 4430

See the [FEWX Page](#) for more information including [Alert Criteria](#) and how to be added to the [FEWX Alert List](#)



**Saturday March 12, 2022 @ 0806**

**Changes:** Confidence is high the event will occur, slightly below normal for snow fall map given some shifting of the area is still possible, and normal for wind gust map.

1. Snow: Area - expanded east, contracted west edge. Amounts - reduced by 1". Timing - start time earlier for east half of threat area by 1-2 hours and decreased duration and detailed where rain will mix with snow for 1-3 hours.
2. Gusts: Area - expanded west slightly, increased 50 mph potential in PA and NJ. Magnitude - increased ridgetop gusts values 5 mph. Timing - added details.
3. Rain: Added mention of 1" rain in NJ Sat

**Next Update – 11am Sat**  
 Manousos – 330 396 0059  
 Workoff – 716 397 4430

See the [FEWX Page](#) for more information including [Alert Criteria](#) and how to be added to the [FEWX Alert List](#)

