

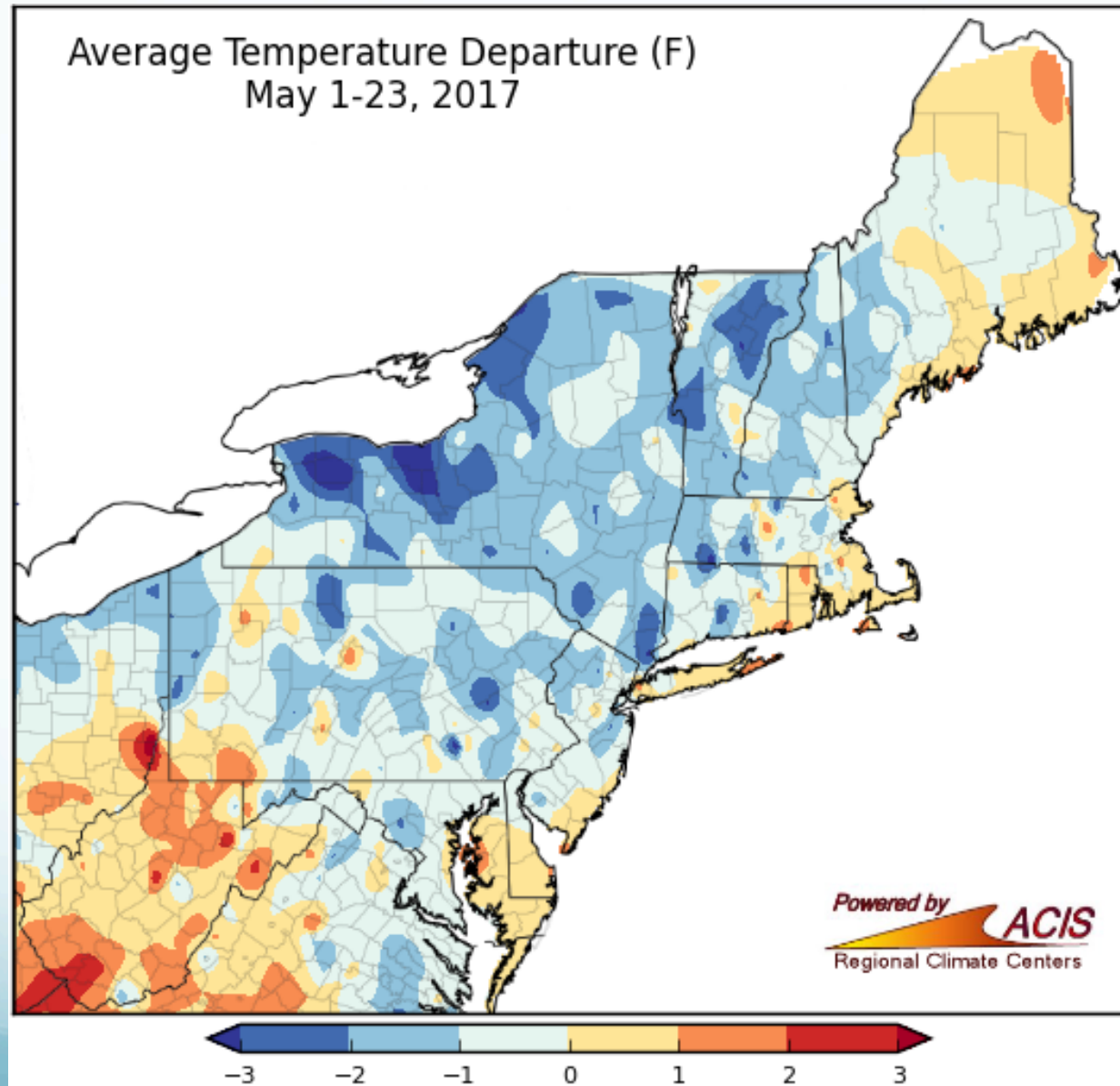
May Overview

By: Samantha Borisoff, Climatologist



Northeast Regional Climate Center

May Temperatures



From more than 3°F below normal to 3°F above normal

May 17-19 Temperatures

<i>Daily Maximum Temperature Records (°F)</i>			
Station	Date	New	Rank (warmest for spring)
LaGuardia Airport, NY	17	94	
Boston, MA	17	92	
LaGuardia Airport, NY	18	97	1
Hartford, CT	18	96	4
Boston, MA	18	95	5
Concord, NH	18	95	5
Albany, NY	18	94	2
Bridgeport, CT	18	93	3
Portland, ME	18	93	4
Burlington, VT	18	93	1
LaGuardia Airport, NY	19	96	3
Kennedy Airport, NY	19	92	5

*all records but Bridgeport, CT, tied with other years

Highs ranked among the top 5 warmest on record for spring
 Boston & LaGuardia Airport set daily records of 90°F+ three days in a row

May 1-7 Precipitation

Location	May 1-7, 2017 Precip (in.)	May Normal (in.)	Percent of Normal
Syracuse, NY	2.94	3.22	91%
Providence, RI	3.35	3.55	94%
Buffalo, NY	3.47	3.46	100%
Rochester, NY	3.17	2.87	110%

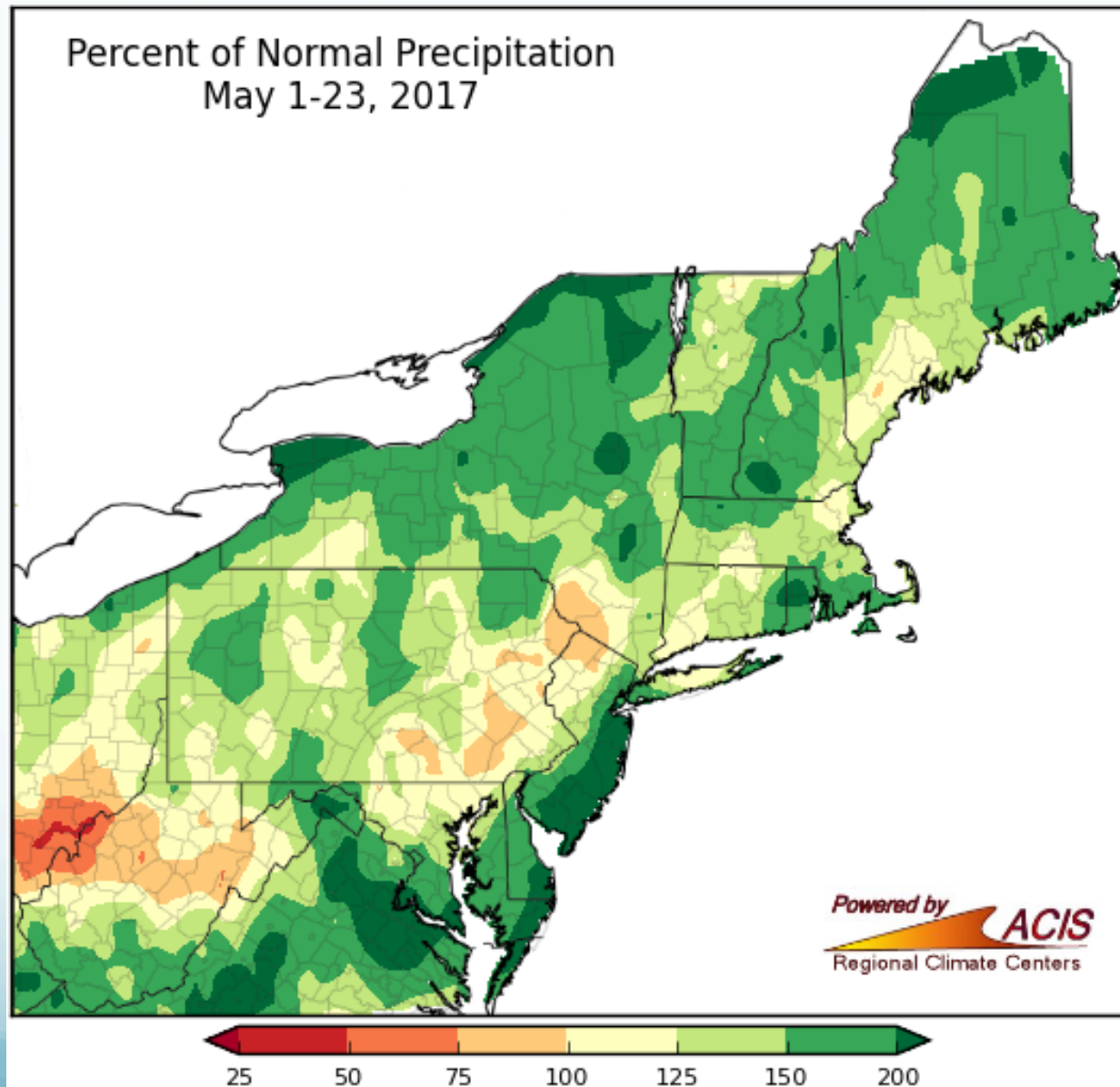
An entire May's worth of rain in the first week!

Daily Precipitation Records (inches)

Station	Date	New	Previous
Newark, NJ	5	3.05	0.99 in 1988
Central Park, NY	5	3.02	1.55 in 1871
Providence, RI	5	2.29	1.73 in 1922
LaGuardia Airport, NY	5	2.27	0.79 in 1948
Atlantic City, NJ	5	1.83	0.98 in 1878
Kennedy Airport, NY	5	1.78	0.89 in 1977
Wilmington, DE	5	1.65	1.57 in 1948
Buffalo, NY	5	1.37	0.98 in 1914
Bridgeport, CT	5	1.23	0.84 in 1978
Syracuse, NY	5	1.20	0.69 in 1917
Worcester, MA	5	0.95	0.92 in 1922
Islip, NY	5	0.89	0.75 in 1978

May 5 was quite wet...
Newark had its 4th
largest 1-day precip
event for May.

May Precipitation



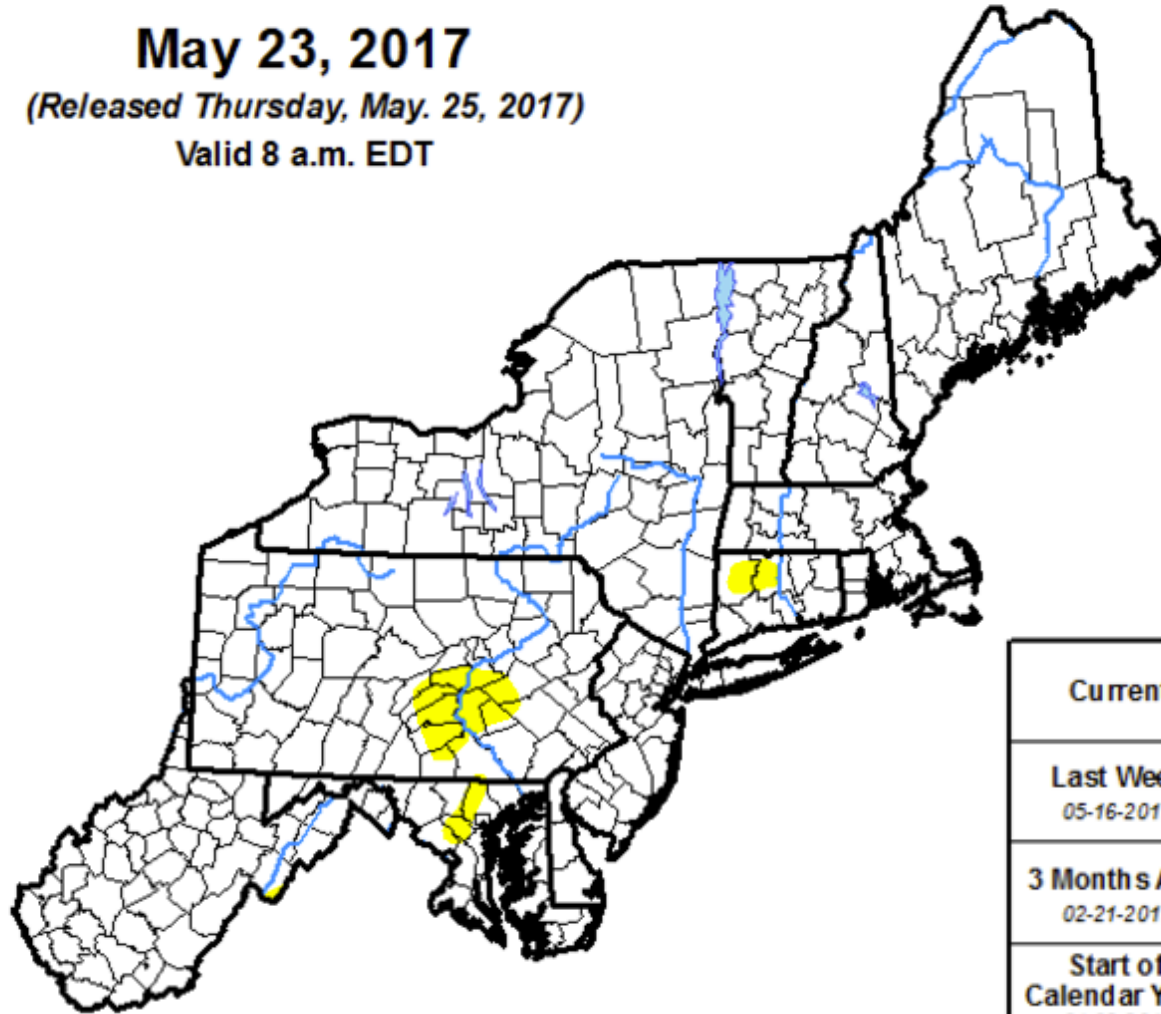
From 50% of normal to more than 200% of normal

Drought Monitor

May 23, 2017

(Released Thursday, May. 25, 2017)

Valid 8 a.m. EDT



Intensity:

- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought

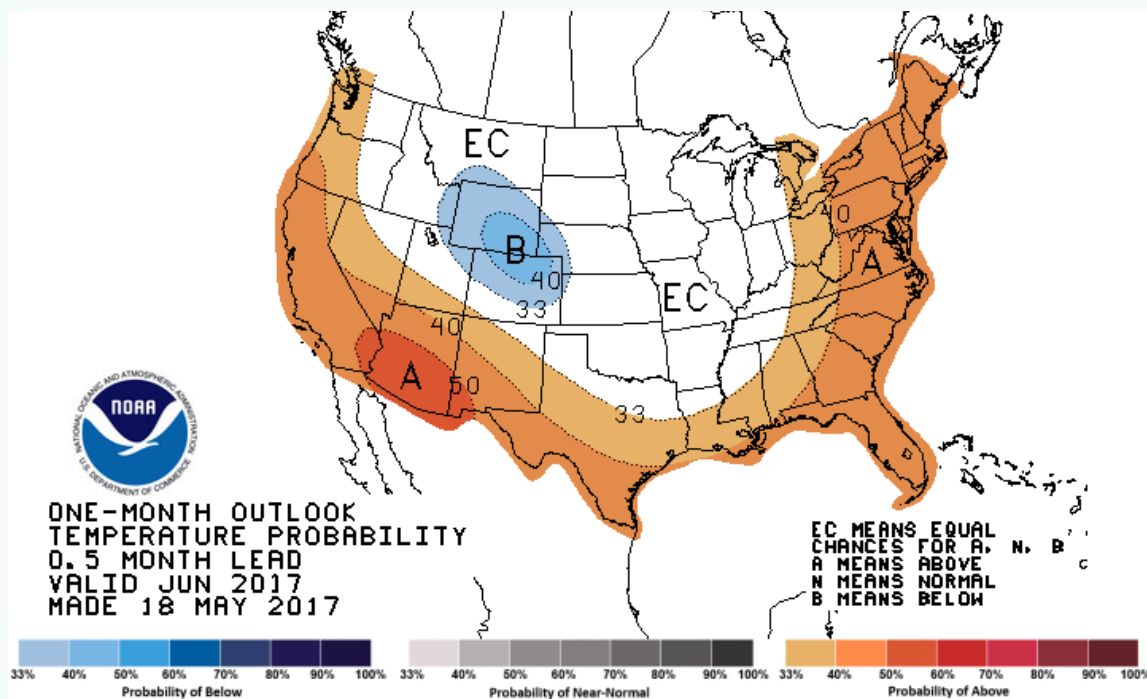
Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	97.59	2.41	0.00	0.00	0.00	0.00
Last Week <i>05-16-2017</i>	97.59	2.41	0.00	0.00	0.00	0.00
3 Months Ago <i>02-21-2017</i>	48.49	51.51	28.01	6.53	0.70	0.00
Start of Calendar Year <i>01-03-2017</i>	30.54	69.46	43.67	11.68	1.39	0.00
Start of Water Year <i>09-27-2016</i>	21.72	78.28	40.32	19.59	6.68	0.00
One Year Ago <i>05-24-2016</i>	60.17	39.83	0.78	0.00	0.00	0.00

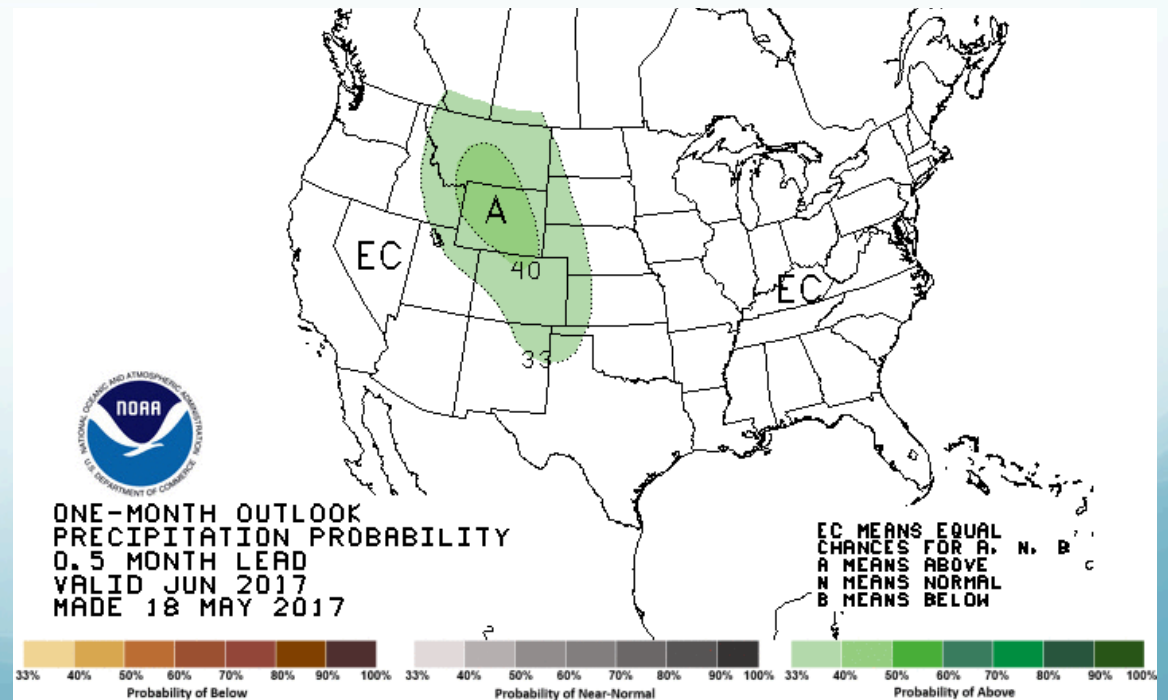
Drought-free for first time since April 2016

June Outlooks

Increased chance of above-normal temperatures (left)



Equal chances of below-, near-, or above-normal precipitation (right)

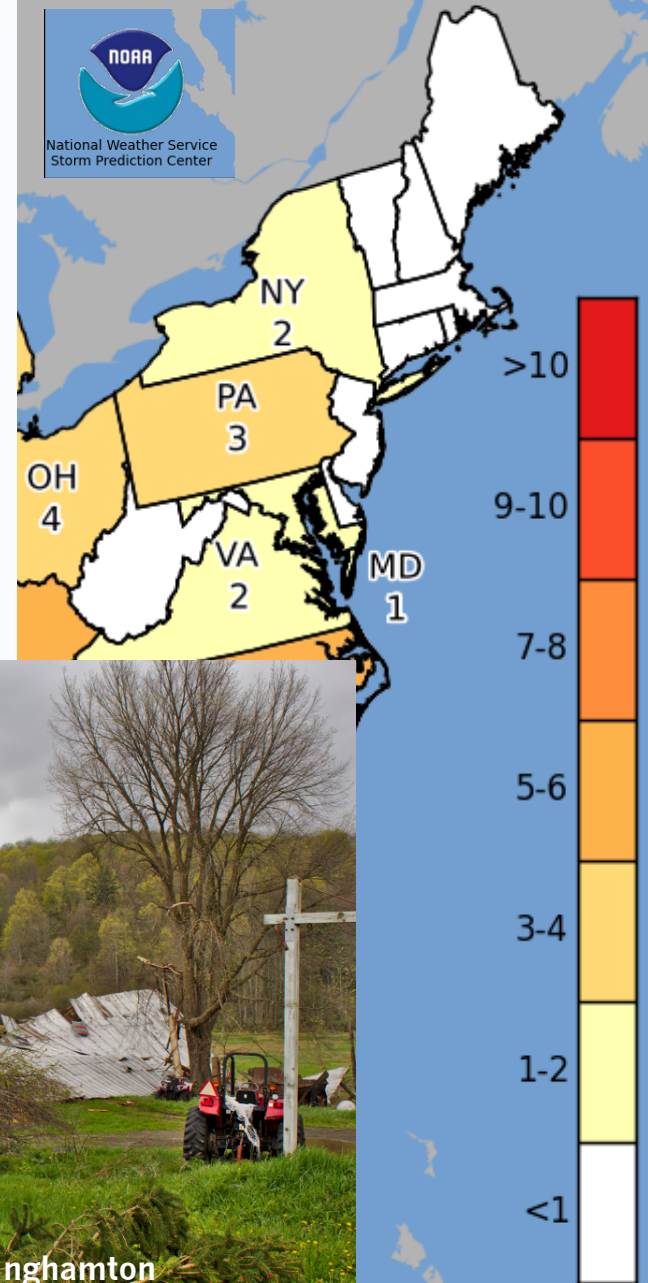


May 1 Severe

8 tornadoes in Pennsylvania on May 1
1989-2013 average is 3 for all of May

Straight-line winds of up to 100 mph also caused damage (image below center)

Average Number of May Tornadoes (1989-2013)



TORNADO REPORTS.. (9)
WIND REPORTS/HI..... (352/4)
HAIL REPORTS/LG..... (3/0)
TOTAL REPORTS..... (364)

National Weather Service
Storm Prediction Center Norman, Oklahoma.

- High Wind Report (65KT +)
- ▲ Large Hail Report (2" dia. +)

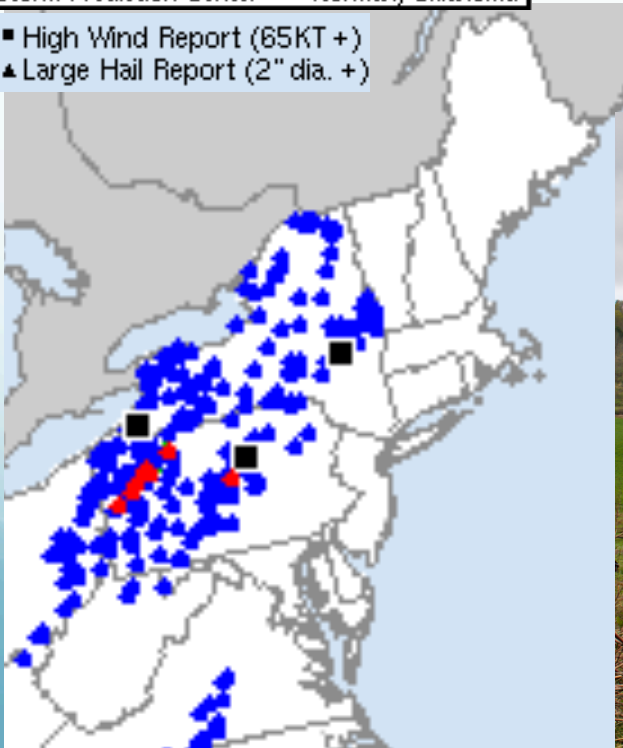


Image courtesy of NWS Binghamton

Contact Information

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Upcoming Webinars

- Thursday, June 29 at 9:30 am
 - Severe Weather Climatology
- Thursday, July 27 at 9:30 am
 - Climate Modeling and Downscaling
- Tuesday, August 29 at 9:30 am
 - TBD

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