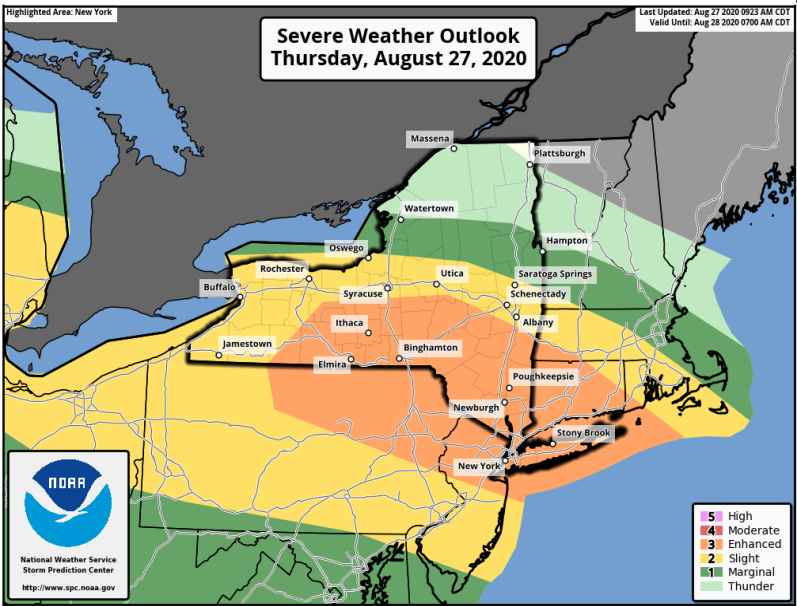


Significant Severe Thunderstorms possible this Afternoon into Evening!



OVERVIEW

- There is an enhanced risk of severe thunderstorms across the entire Tri-State region this afternoon into evening.
- A few of these storms could be more intense than typical, with 75+ mph winds gusts, 2+ inch hail, and isolated tornadoes.



TIMING & LOCATION

- 3 pm to 7 pm Lower Hudson Valley and Southern CT
- 5 pm to 9 pm for northeastern NJ, NYC, and LI

HAZARDS & IMPACTS

- Damaging Wind:** Potential Destructive wind gusts of 75+ mph. This could cause areas of widespread tree and power line damage and resultant power outages. Some structural damage is also possible.
- Large Hail:** Potential golf ball size hail or greater. This could result in damage to motor vehicles and other property.
- Tornadoes:** Isolated tornadoes possible.
- Flash Flooding:** Localized urban and poor drainage threat.

NWS ALERTS

- Enhanced Risk from Storm Prediction Center

FORECAST UNCERTAINTY

- The environment is favorable for a few severe storms that are more intense than usual.
- The exact timing and location of the more intense storms remains uncertain at this time, but peak threat will be between 3 and 9 pm.

NEXT BRIEFING

- Final briefing for this event.
- Monitor for NWS Watches and Warnings through the day!

Understanding Severe Thunderstorm Risk Categories

THUNDERSTORMS (no label)	1 - MARGINAL (MRGL)	2 - SLIGHT (SLGT)	3 - ENHANCED (ENH)	4 - MODERATE (MDT)	5 - HIGH (HIGH)
No severe* thunderstorms expected	Isolated severe thunderstorms possible	Scattered severe storms possible	Numerous severe storms possible	Widespread severe storms likely	Widespread severe storms expected
Lightning/flooding threats exist with <u>all</u> thunderstorms	Limited in duration and/or coverage and/or intensity	Short-lived and/or not widespread, isolated intense storms possible	More persistent and/or widespread, a few intense	Long-lived, widespread and intense	Long-lived, very widespread and particularly intense
					

* NWS defines a severe thunderstorm as measured wind gusts to at least 58 mph, and/or hail to at least one inch in diameter, and/or a tornado. All thunderstorm categories imply lightning and the potential for flooding. Categories are also tied to the probability of a severe weather event within 25 miles of your location.

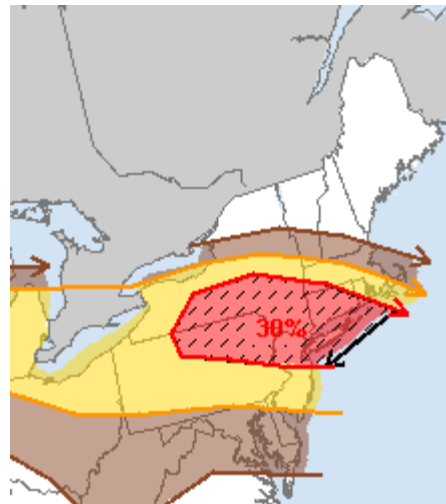


National Weather Service

www.spc.noaa.gov



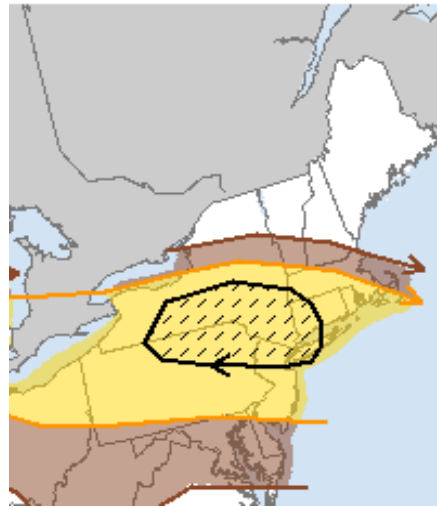
Damaging Wind Threat



Wind Probability Legend (in %):
5 15 30 45 60 Sig

Colored Area: Probability of damaging thunderstorm winds or wind gusts of 50 knots or higher within 25 miles of a point.
Hatched Area: 10% or greater probability of wind gusts 65 knots or greater within 25 miles of a point.

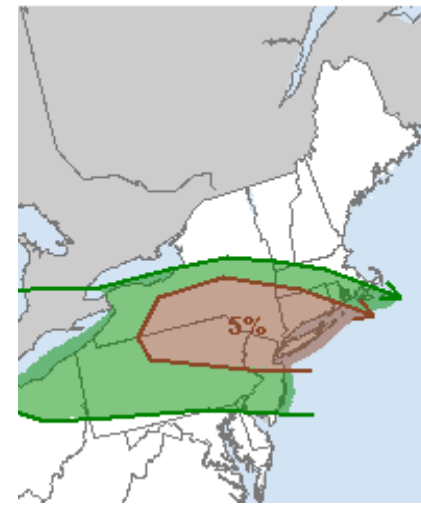
Large Hail Threat



Hail Probability Legend (in %):
5 15 30 45 60 Sig

Colored Area: Probability of one inch diameter hail or larger within 25 miles of a point.
Hatched Area: 10% or greater probability of two inch diameter hail or larger within 25 miles of a point.

Tornado Threat



Tornado Probability Legend (in %):
2 5 10 15 30 45 60 Sig

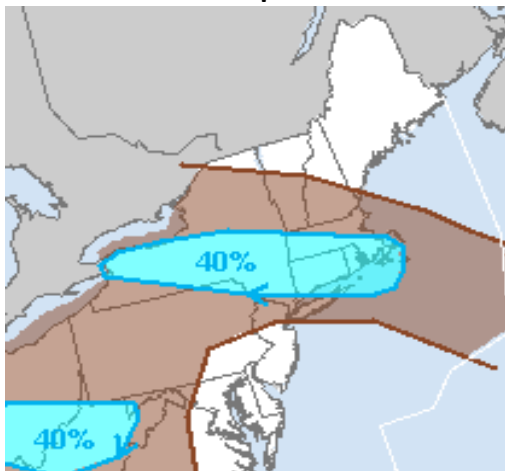
Colored Area: Probability of a tornado within 25 miles of a point.

Most Likely Thunderstorm Timing

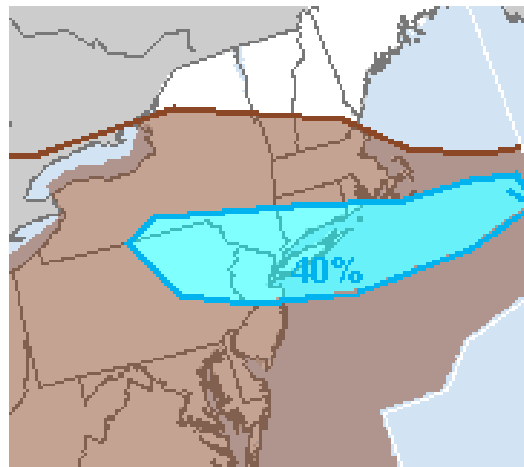


New York, NY
WEATHER FORECAST OFFICE

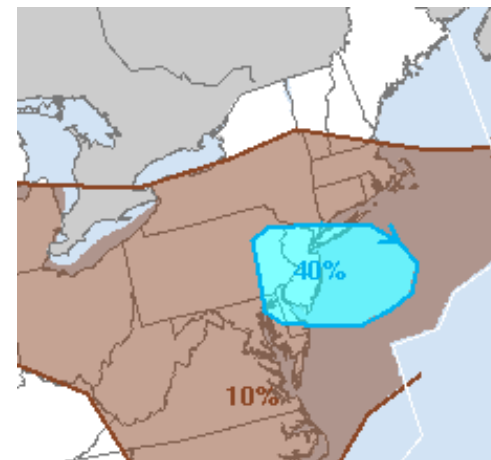
2-4pm



4-8pm



8-10pm



This graphic expresses the probability of thunderstorms in the stated 4 hr time periods. The probabilistic forecast directly expresses the best estimate of a thunderstorm occurring within 12 miles of a point.