



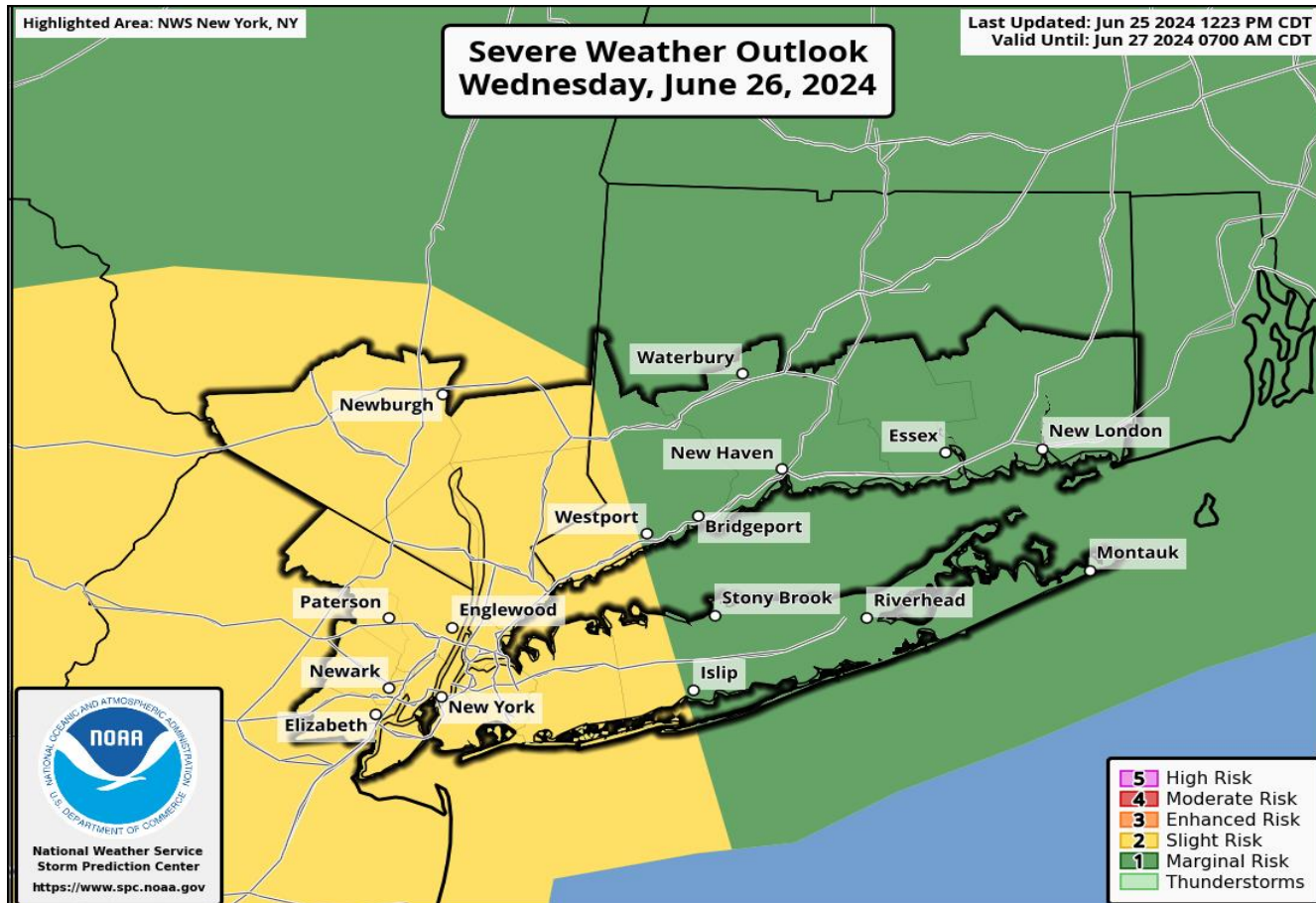
Severe Thunderstorm Threat Wednesday PM

June 25, 2024
4:40 PM

Slight to Marginal Risk of Severe Thunderstorms

Key Messages

- Showers and thunderstorms are expected to move through ahead of a cold front Wednesday afternoon and evening.
- Some of these thunderstorms could be strong to severe and produce damaging winds and large hail.



HAZARDS & IMPACTS

- **Damaging Winds:** Wind gusts in excess of 58 mph could damage trees and power lines and result in scattered power outages.
- **Large Hail:** Severe hail (>1" diameter) is also possible with any stronger storm. This is most likely in the "Slight" risk area (yellow).
- **Heavy Rainfall:** Brief, minor flooding is possible under any thunderstorm, particularly in urban and poor drainage areas. Localized instances of flash flooding cannot be ruled out.
- **Timing:** 3pm – 11pm Wednesday. For the NYC metro, greatest severe thunderstorm threat is during the evening rush.

The highest chance of severe weather is in the "Slight" risk area in yellow.

NWS ALERTS

- NONE presently; A Severe Thunderstorm Watch may be needed during the day Wednesday.

ADDITIONAL DETAILS



- There is uncertainty as to how far east any stronger storms get as they encounter cooler marine air near the coast. There is also uncertainty on the exact timing and location of thunderstorms.

NEXT BRIEF

By 5 am Wednesday.



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



National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

National Weather Service
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