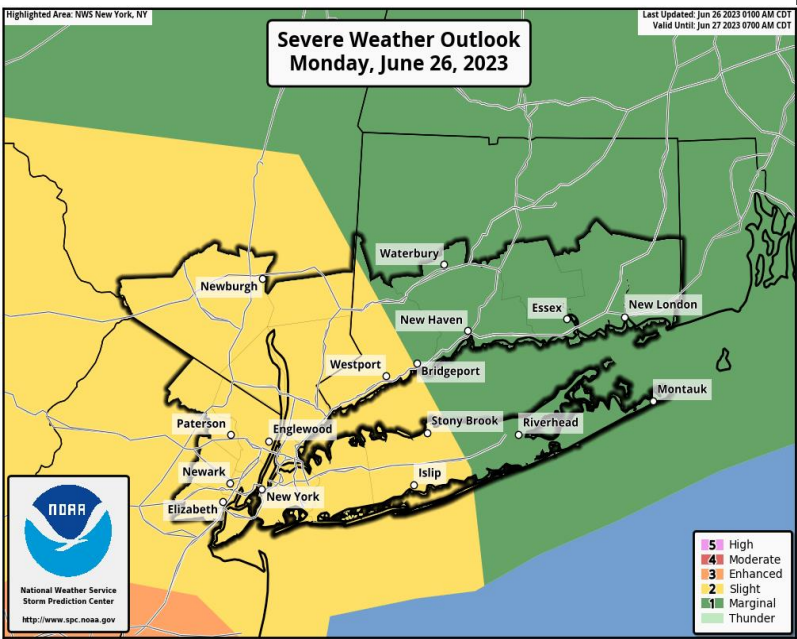


Severe Thunderstorms and Localized Flash Flooding



OVERVIEW

- Showers and thunderstorms are expected to develop today ahead of an approaching frontal system.
- Some of the storms could become strong to severe with a risk for localized flash flooding, mainly this afternoon and evening.



HAZARDS & IMPACTS

- **Damaging Wind Gusts:** Isolated to scattered damaging wind gusts in excess of 58 mph. The greatest threat lies across the Lower Hudson Valley, NE NJ, NYC metro, western Long Island, and SW CT.
- **Large Hail:** Localized 1" diameter hail possible.
- **Isolated Tornado:** Low risk for an isolated tornado across NE NJ and the Lower Hudson Valley.
- **Heavy Rainfall:** Minor urban and poor drainage flooding and localized flash flooding are possible across the entire area.
- **Timing:** Mainly this afternoon through around 10 pm this evening.
- **Additional Information:** There is an enhanced risk for severe weather if traveling south into central and southern New Jersey.

NWS ALERTS

- Hazardous Weather Outlook

FORECAST CHALLENGES





- There remains uncertainty with how widespread the threat for severe storms will be, especially from the NYC metro/Hudson River corridor on east.
- The location of heaviest rainfall and any training of cells that could lead to localized flash flooding.

NEXT BRIEF

- This will be the final briefing unless there are significant changes to the forecast.



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.

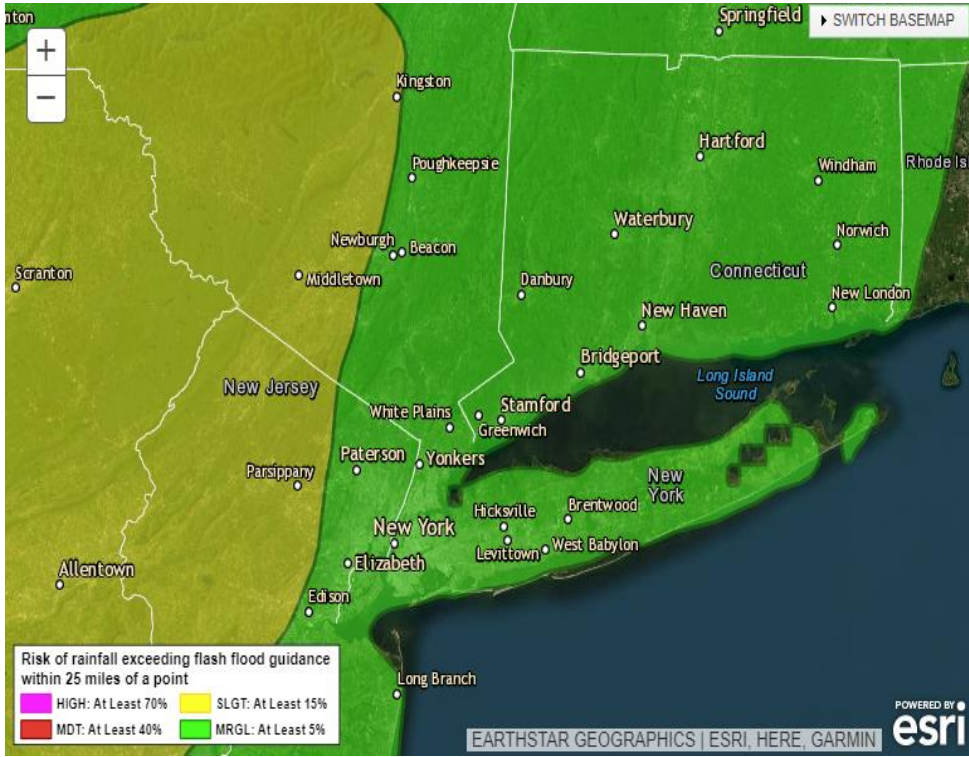


National Weather Service

www.spc.noaa.gov



Excessive Rainfall/Flash Flood Outlook



Understanding WPC Excessive Rainfall Risk Categories				
No Area/Label	MARGINAL (MRGL)	SLIGHT (SLGT)	MODERATE (MDT)	HIGH (HIGH)
Flash floods are generally not expected.	Isolated flash floods possible	Scattered flash floods possible	Numerous flash floods likely	Widespread flash floods expected
Flash floods are generally not expected.	Localized and primarily affecting places that can experience rapid runoff with heavy rainfall.	Mainly localized. Most vulnerable are urban areas, roads, small streams and washes. Isolated significant flash floods possible.	Numerous flash flooding events with significant events possible. Many streams may flood, potentially affecting larger rivers.	Severe, widespread flash flooding. Areas that don't normally experience flash flooding, could. Lives and property in greater danger.
@NWSWPC				
Flash flooding near me?	Flash Flooding			
	NO Flash Flooding			
WEATHER PREDICTION CENTER				