

Heavy Rainfall & Isolated Severe Weather Threat This Afternoon and Evening



New York, NY
WEATHER FORECAST OFFICE

OVERVIEW

- Low pressure and its associated frontal system will bring potential for heavy rainfall this afternoon and evening which could lead to localized areas of flash flooding.
- There is an isolated damaging wind and isolated tornado/water spout threat across eastern Long Island and southeast Connecticut. This threat could be expanded farther north and west depending on the track of the low pressure center.

HAZARDS & IMPACTS

- Flash Flooding:** Localized areas of flash flooding possible across urban and poor drainage areas as well as flashier small streams, rivers, and creeks rising out of their banks.
- Rainfall Rates:** 1 to 2 "/hr possible in the heaviest rainfall.
- Severe Thunderstorms Potential:** Isolated damaging wind gusts and an isolated tornado or water spout are possible, mainly across eastern Long Island and southeast Connecticut.
- Timing:** This afternoon and evening.

NWS ALERTS

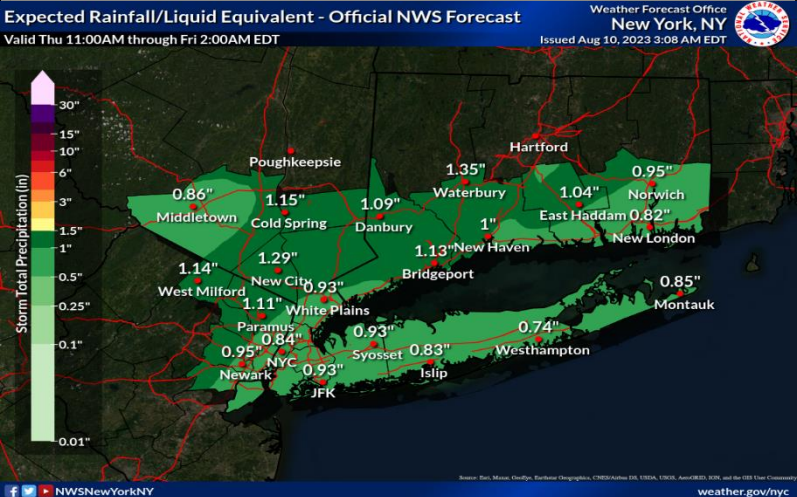
- Hazardous Weather Outlook

FORECAST CHALLENGES

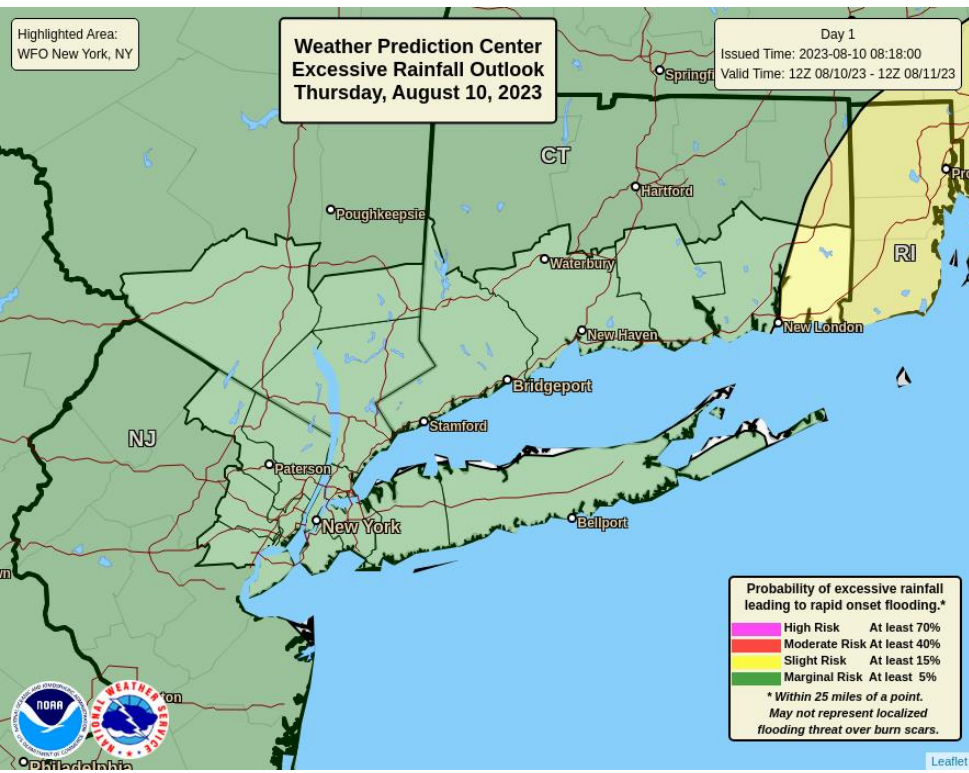
- The exact location of the heaviest rainfall and any training of heavier showers and thunderstorms. Models have at least trended lighter with rainfall amounts.
- If the low pressure center tracks farther north over the area, the severe thunderstorm threat/tornado risk may be expanded farther north and west. If it stays south of Long Island, and/or if cloud cover increases more quickly than forecast, the risk of severe thunderstorms/isolated tornadoes decreases.










NEXT BRIEF

- This will be the last briefing unless significant changes warrant an updated briefing.



Excessive Rainfall/Flash Flood Outlook

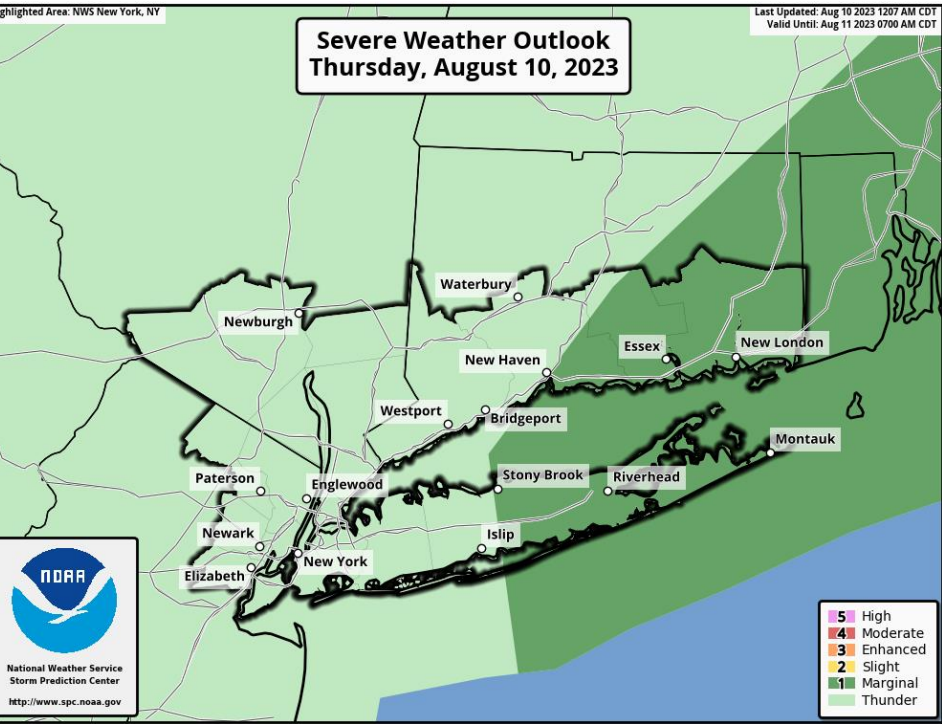


Understanding WPC Excessive Rainfall Risk Categories				
No Area/Label	MARGINAL (MRGL)	SLIGHT (SLGT)	MODERATE (MDT)	HIGH (HIGH)
Flash floods are generally not expected.	Isolated flash floods possible	Scattered flash floods possible	Numerous flash floods likely	Widespread flash floods expected
Localized 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			
				
				






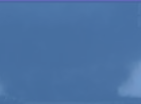
Isolated Severe Thunderstorm/Isolated Tornado Threat



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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 all 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

