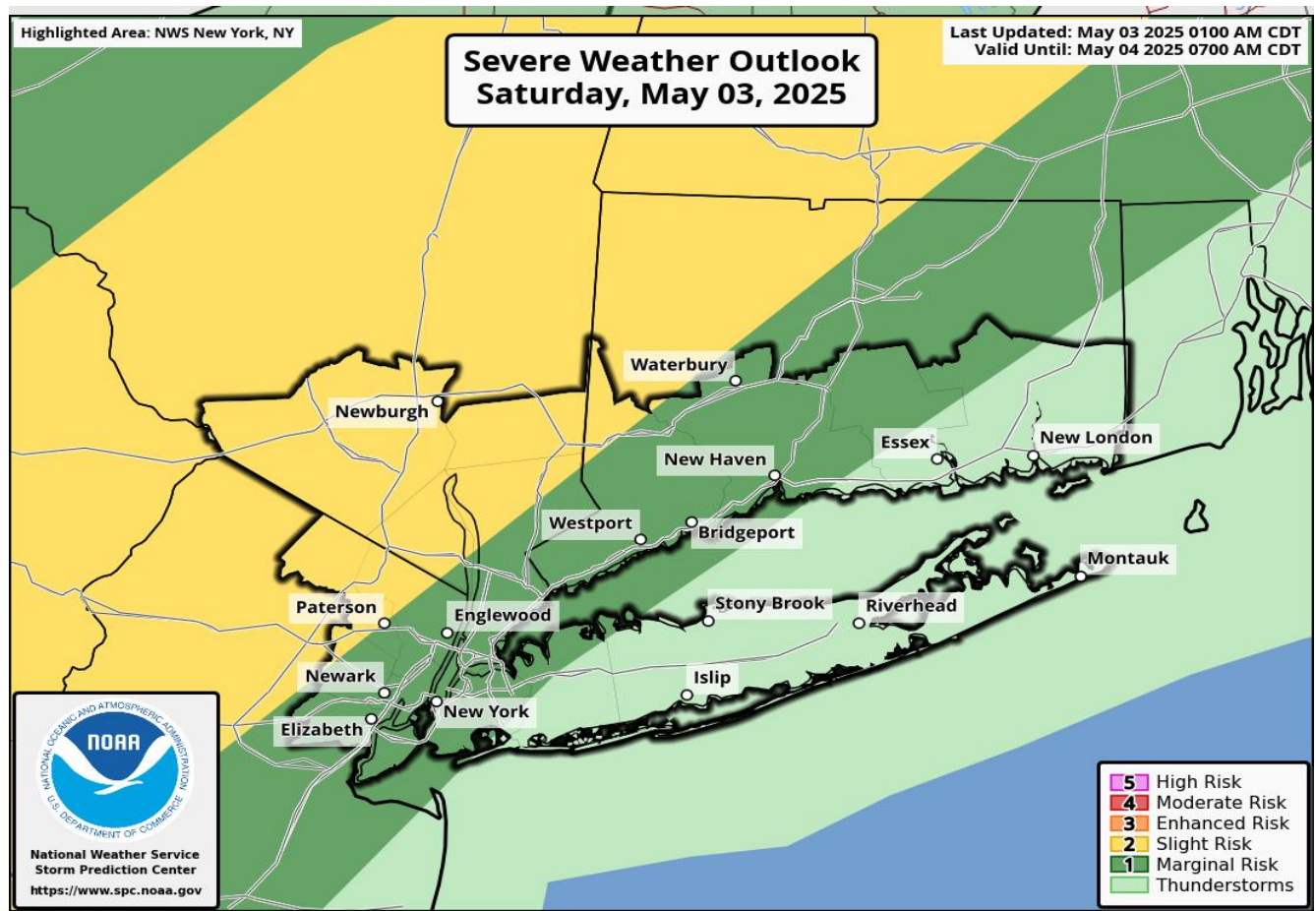




Afternoon into Evening Mainly for Interior NE NJ, Lower Hudson Valley, Fairfield CT

Key Messages

- Scattered/numerous showers and thunderstorms are expected this afternoon and evening.
- Some of these thunderstorms could become severe.
- Localized instances of flash flooding are possible.
- TIMING: This afternoon into this evening.



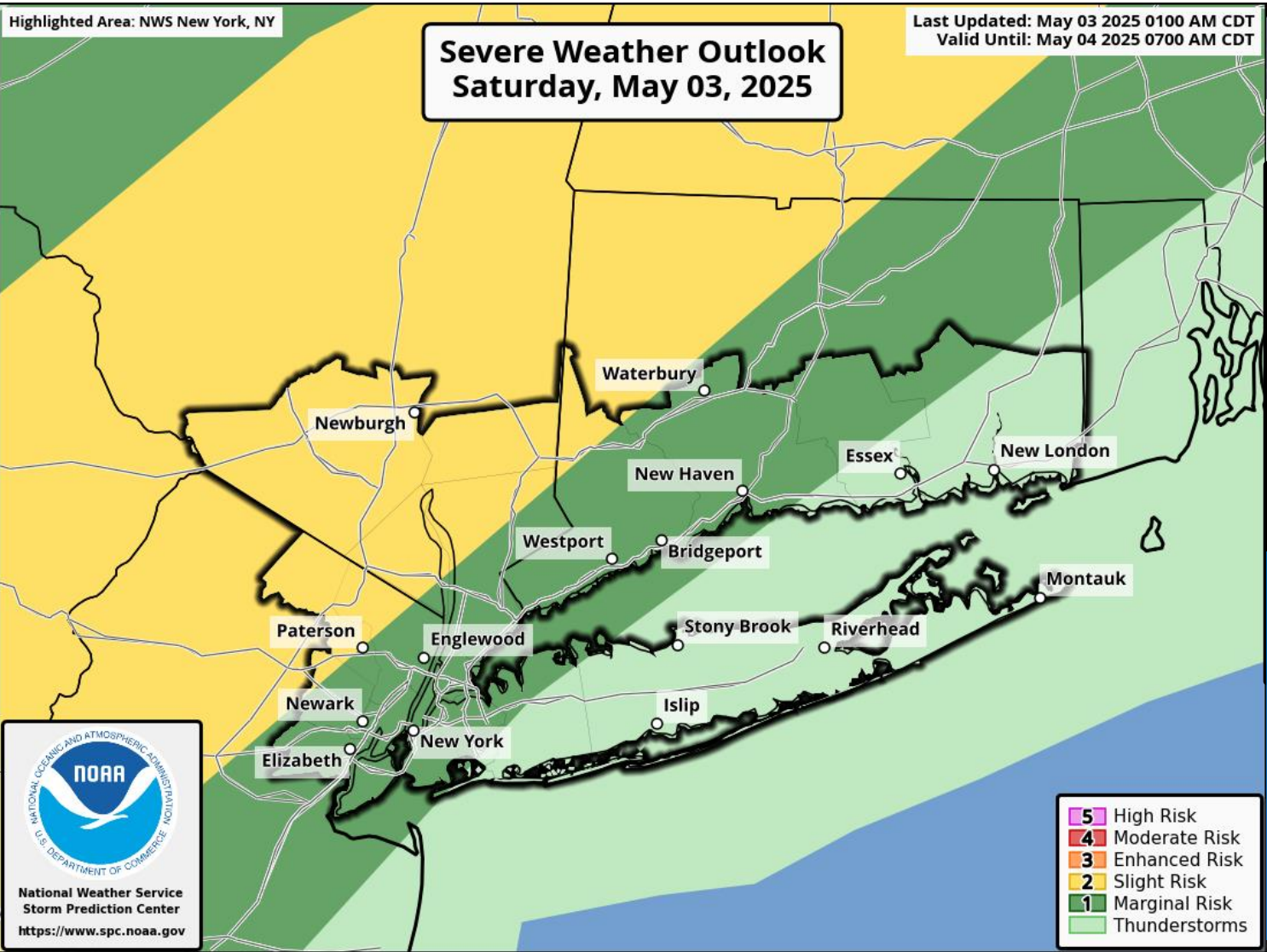
HAZARDS & IMPACTS	<p>Severe Thunderstorms:</p> <ul style="list-style-type: none">▪ Damaging Wind: Wind gusts in excess of 58 mph could damage trees and power lines and result in scattered power outages.▪ Large Hail: 1 inch hail could result in minor damage to motor vehicles.▪ Tornadoes: Isolated tornado possible. <p>Flash Flooding:</p> <ul style="list-style-type: none">▪ Flash Flooding: Around 0.5 to 1.5 inches of total rainfall. Locally higher amounts possible. Rainfall rates of up to near 1 inch in 1 hour. Localized flash flooding of urban areas, roads, and along small streams and creeks is possible. Some minor flooding along small rivers and stream as well as low lying and urban areas is probable.▪ River/Stream Flooding: Minor flooding possible along quick responding small rivers, streams, creeks and adjacent roads and properties.
NWS ALERTS	<ul style="list-style-type: none">▪ Hazardous Weather Outlook highlighting the slight risk for severe thunderstorms and localized flash flooding within the region today into this evening.
FORECAST CHALLENGES	<ul style="list-style-type: none">▪ There is moderate/high confidence in showers and thunderstorms developing today into this evening, but it is uncertain how widespread the threat for severe storms will be.▪ Location of heaviest rain that could lead to flooding.
NEXT BRIEF	<p>This will be the only briefing for this event unless there are significant changes to the forecast.</p>



Severe Thunderstorms Outlook

May 3, 2025
5:51 AM

Saturday, May 3rd, 2025 Afternoon into Evening



Understanding Severe Thunderstorm Outlook Categories

LEVEL	CATEGORY	DETAILS	SUMMARY	How many severe storms are possible?	How bad could the worst storms be?	DEFINITIONS
	General Thunderstorm	Although severe weather is not expected, <i>all</i> thunderstorms can produce deadly lightning, gusty winds, and small hail.	No severe thunderstorms expected	<div><div></div></div> NoneNumerous	Similar to storms your area experiences many times per year	Severe Storm Any storm that contains at least one of the following: Wind gusts of at least 58 mph Hail at least one inch in diameter Tornado
1	Marginal (MRGL)	Some storms could be capable of damaging winds and severe hail. Localized tornado threat could develop.	Isolated severe storms possible	<div><div></div></div> NoneNumerous	Similar to storms your area may experience several times per year	
2	Slight (SLGT)	Increased confidence that some storms will contain damaging winds, severe hail, and/or tornado potential. <i>A few severe storms could be significant</i>	Isolated to scattered severe storms expected	<div><div></div></div> NoneNumerous	Similar to storms your area may experience a few times per year	
3	Enhanced (ENH)	High confidence that several storms will contain damaging winds, severe hail, and/or tornadoes. <i>Several severe storms could be significant</i>	Scattered to numerous severe storms expected	<div><div></div></div> NoneNumerous	Similar to intense storms your area may only experience once or twice per year	Significant Severe Any of the following hazards:
4	Moderate (MDT)	High confidence that many storms will contain damaging winds, severe hail, and/or tornadoes. <i>Several severe storms likely to be significant</i>	Scattered to numerous severe storms expected	<div><div></div></div> NoneNumerous	Similar to intense storms your area may only experience once per year or less	Wind gusts of at least 75 mph Hail at least two inches in diameter
5	High (HIGH)	High confidence that an outbreak of storms will contain tornadoes, damaging winds, and/or severe hail. <i>Tornado outbreak and/or widespread damaging winds</i>	Numerous severe storms expected	<div><div></div></div> NoneNumerous	Very intense storms your area may only experience once or twice in a lifetime	Tornado of at least EF-2 rating

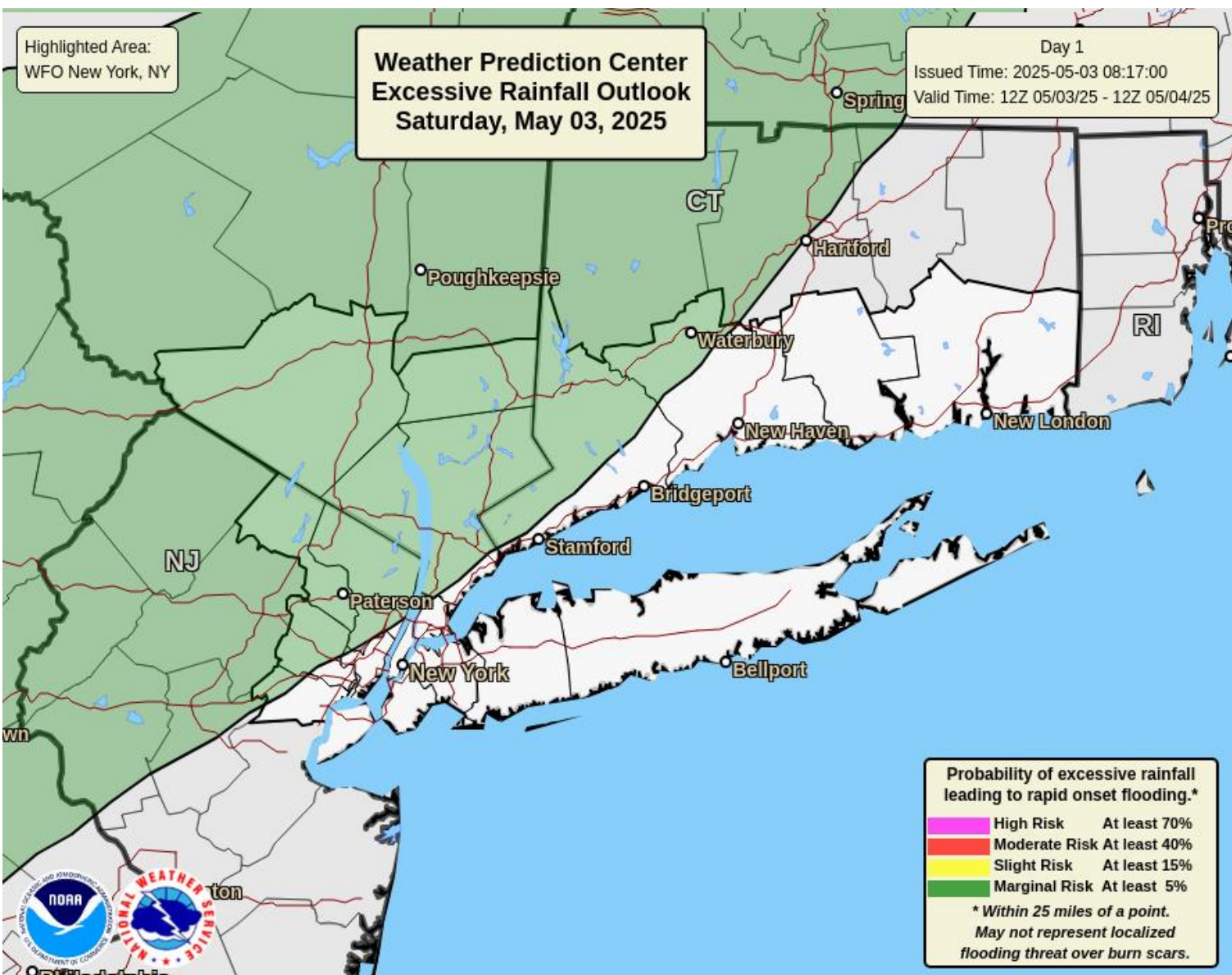




Excessive Rainfall Outlook

May 3, 2025
5:51 AM

Saturday, May 3rd, 2025 Afternoon into Evening



Understanding WPC Excessive Rainfall Risk Categories

No Area/Label

Flash floods are generally not expected.

www.wpc.ncep.noaa.gov
@NWSWPC

Flash flooding near me?

Flash Flooding
NO Flash Flooding

MARGINAL (MRGL)

Isolated flash floods possible

Localized and primarily affecting places that can experience rapid runoff with heavy rainfall.

SLIGHT (SLGT)

Scattered flash floods possible

Mainly localized. Most vulnerable are urban areas, roads, small streams and washes. Isolated significant flash floods possible.

MODERATE (MDT)

Numerous flash floods likely

Numerous flash flooding events with significant events possible. Many streams may flood, potentially affecting larger rivers.

HIGH (HIGH)

Widespread flash floods expected

Severe, widespread flash flooding. Areas that don't normally experience flash flooding, could. Lives and property in greater danger.



National Oceanic and Atmospheric Administration
U.S. Department of Commerce

National Weather Service
New York, NY