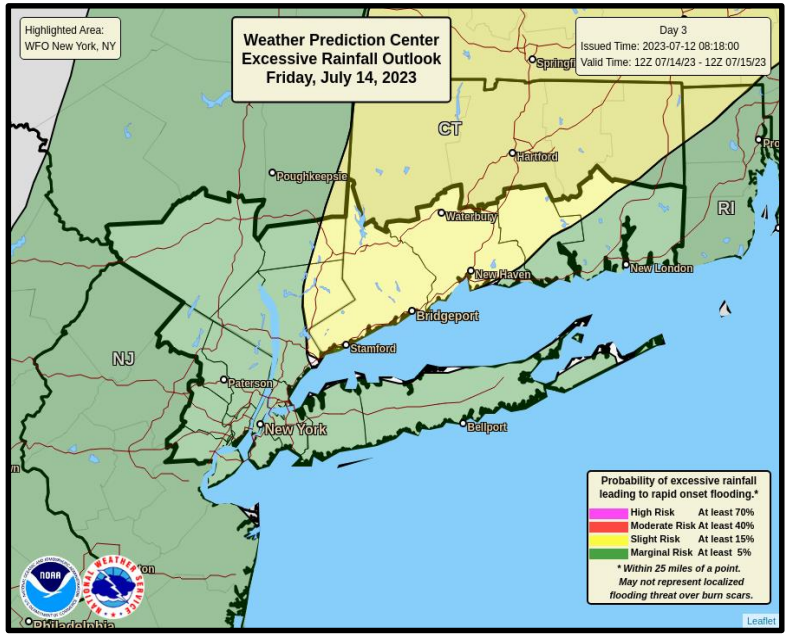
Severe Weather and Flash Flooding Possible Fri – Fri Night

New York, NY
WEATHER FORECAST OFFICE

OVERVIEW

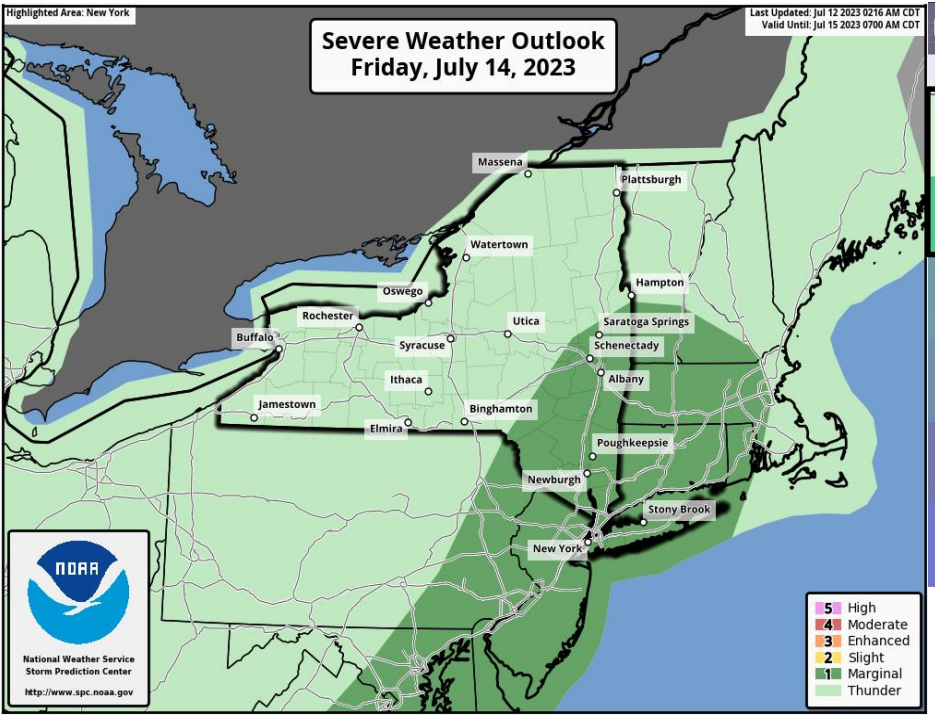
- Scattered/numerous showers & tstorms are expected ahead and along a slow moving cold front Friday into Friday Night.
- Marginal risk of severe thunderstorms.
- Marginal to Slight risk of Flash Flooding.



TIMING	▪ **Friday through Friday night**
HAZARDS & IMPACTS	▪ **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. ▪ **Flash Flooding**: Around 0.5 to 1 inch of total rainfall with locally higher amounts. Localized flash flooding of urban areas, roads, and along small streams and creeks is possible. Minor/moderate flooding along small rivers and streams is possible. ▪ **The Lower Hudson Valley area has been hard hit recently with heavy rain and flooding so it will not take as much rain to cause flooding.**
NWS ALERTS	▪ **No watches, warnings or advisories in effect** ▪ **Hazardous Weather Outlook to highlight potential for flooding and severe weather**
FORECAST CHALLENGES	▪ Timing of individual groups of showers and thunderstorms ▪ The total amount of rain and where the heaviest rainfall will occur ▪ More details will be seen as we get closer to the event
NEXT BRIEF	▪ By 6AM Thursday.

Severe Threat for Friday into Friday Night

New York, NY
WEATHER FORECAST OFFICE



Understanding Severe Thunderstorm Outlook Categories

LEVEL	CATEGORY	DETAILS	SUMMARY	How many severe storms are possible?	How bad could the worst storms be?
	General Thunderstorm	Although severe weather is not expected, *all* thunderstorms can produce deadly lightning, gusty winds, and small hail.	No severe thunderstorms expected	None – Numerous	Similar to storms your area experiences many times per year
1	Marginal (MRGL)	Some storms could be capable of damaging winds and severe hail. Localized tornado threat could develop.	Isolated severe storms possible	None – Numerous	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. *A few severe storms could be significant*	Isolated to scattered severe storms expected	None – Numerous	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. *Several severe storms could be significant*	Scattered to numerous severe storms expected	None – Numerous	Similar to intense storms your area may only experience once or twice per year
4	Moderate (MDT)	High confidence that many storms will contain damaging winds, severe hail, and/or tornadoes. *Several severe storms likely to be significant*	Scattered to numerous severe storms expected	None – Numerous	Similar to intense storms your area may only experience once per year or less
5	High (HIGH)	High confidence that an outbreak of storms will contain tornadoes, damaging winds, and/or severe hail. *Tornado outbreak and/or widespread damaging winds*	Numerous severe storms expected	None – Numerous	Very intense storms your area may only experience once or twice in a lifetime

DEFINITIONS

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

Significant Severe

Any of the following hazards:

Wind gusts of at least 75 mph
·
Hail at least two inches in diameter
·
Tornado of at least EF-2 rating