



# Thunderstorms & Heavy Rain into the Overnight Hours

March 31, 2026  
2:26 PM

Thunderstorms may contain locally damaging winds, hail, and heavy rainfall.

## HIGHEST LOCAL RISK

2

WHAT THIS MEANS:  
SCATTERED severe thunderstorms *possible*

## POSSIBLE THREATS



LOCALLY DAMAGING WINDS



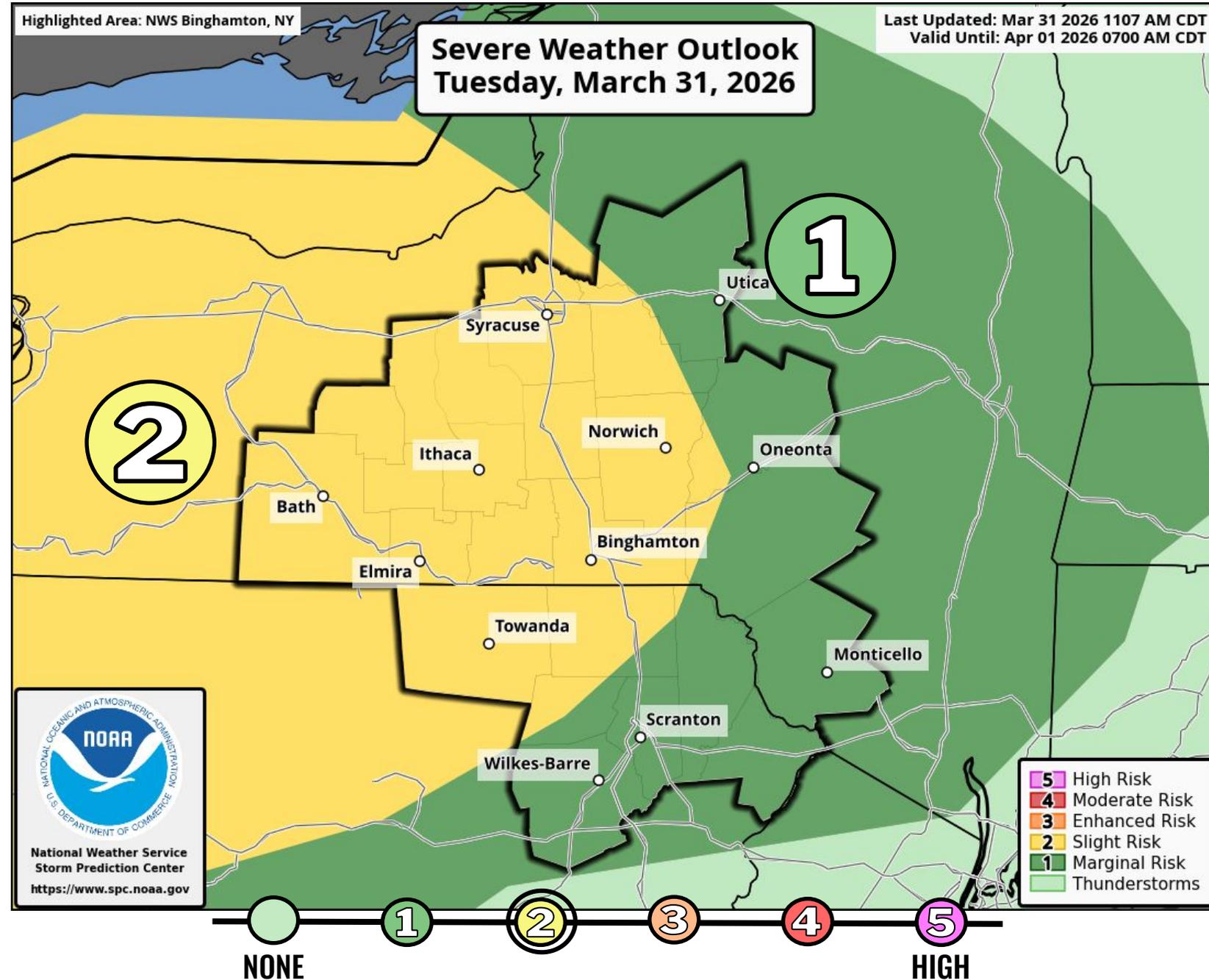
HAIL



HEAVY RAINFALL



Isolated Tornadoes



## Key Messages

- Slight risk for severe storms has moved a little farther east from the last update.
- Rain this morning has pushed dewpoints into the upper 50s. These higher dewpoints combined with a few hours of clearing early this afternoon has increased severe storm chances.
- Scattered thunderstorms may contain **locally damaging winds, hail, and isolated tornadoes.**
- **Locally heavy rain will be possible, bringing a chance for flash flooding across portions of CNY, especially where heavy rain fell this morning.**





# Severe Thunderstorm Watch Has Been Issued

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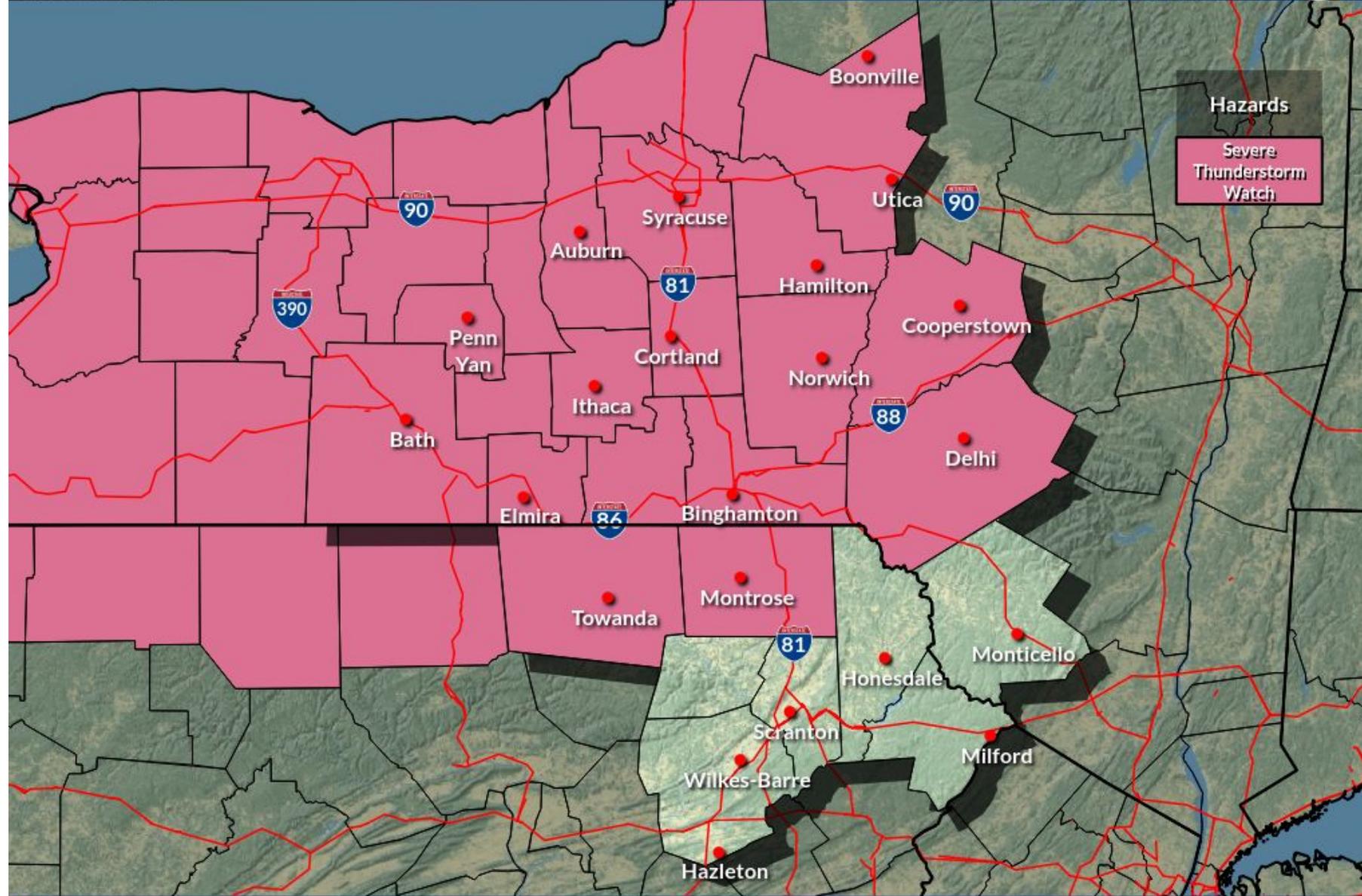
- Clearing clouds across the area has increased surface instability and thus, chances for severe storm development has increased enough to warrant a Severe Thunderstorm Watch for the area.
- Damaging winds, small hail and isolated tornadoes will be possible with these storms.

## Severe Thunderstorm Watch

Valid Until 8pm

Weather Forecast Office  
Binghamton, NY

Issued Mar 31, 2026 2:21 PM EDT



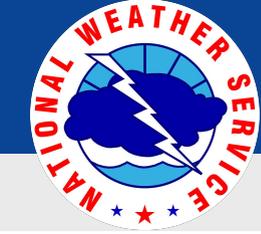
NWSBinghamton

[weather.gov/bgm/](http://weather.gov/bgm/)



National Oceanic and  
Atmospheric Administration  
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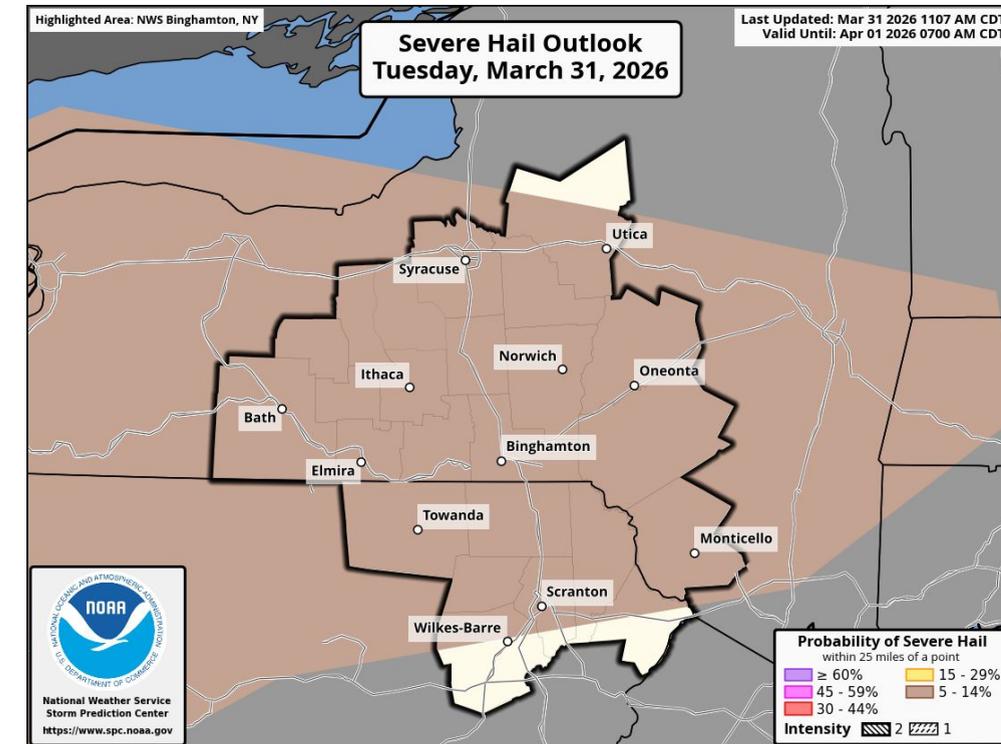
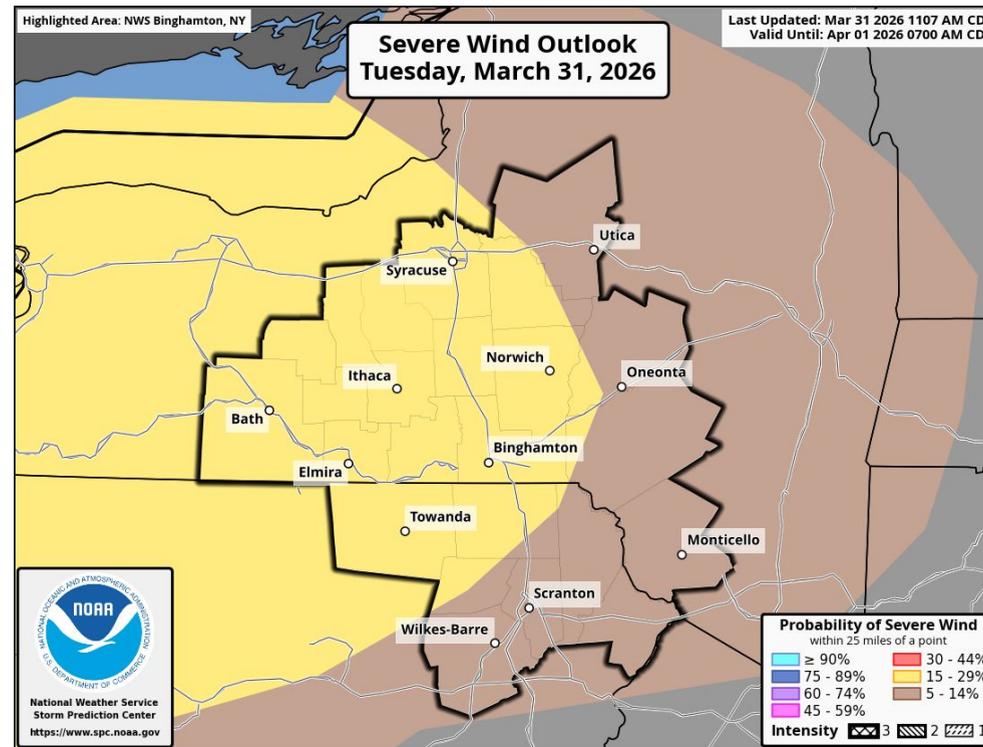
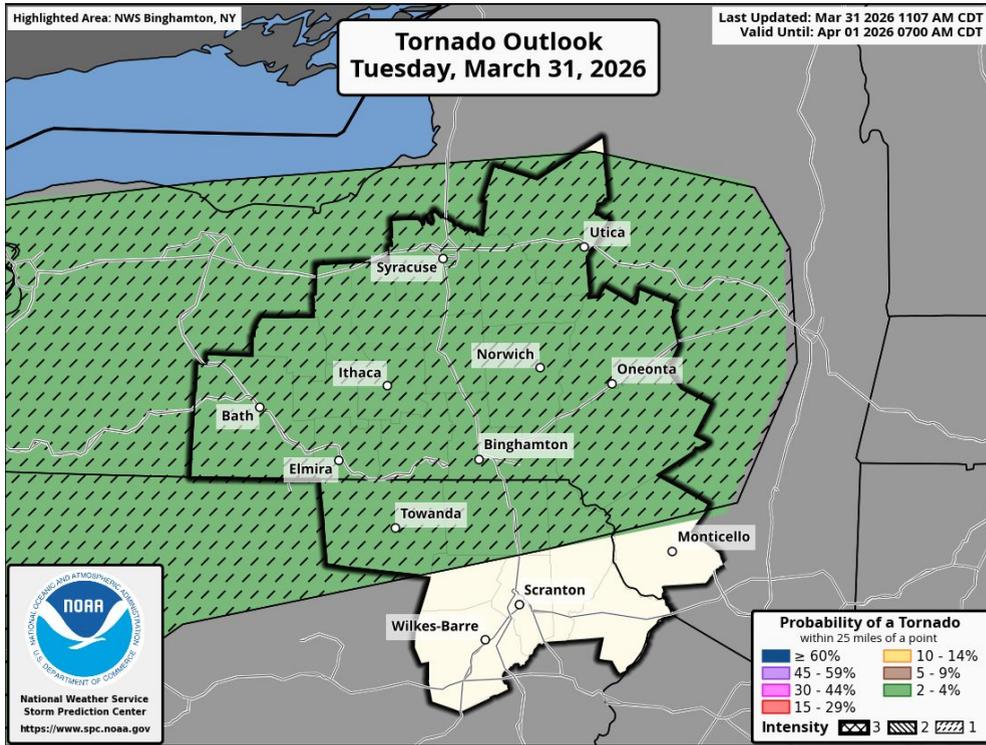
National Weather Service  
Binghamton, NY



# Afternoon/Evening Severe Storms Hazard Probabilities

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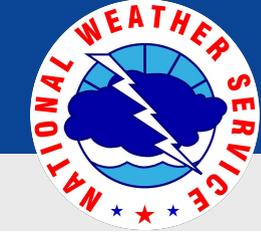
Clearing this afternoon has increased severe storm chances. Best environment is across the Twin Tiers and Finger Lakes.



National Oceanic and Atmospheric Administration

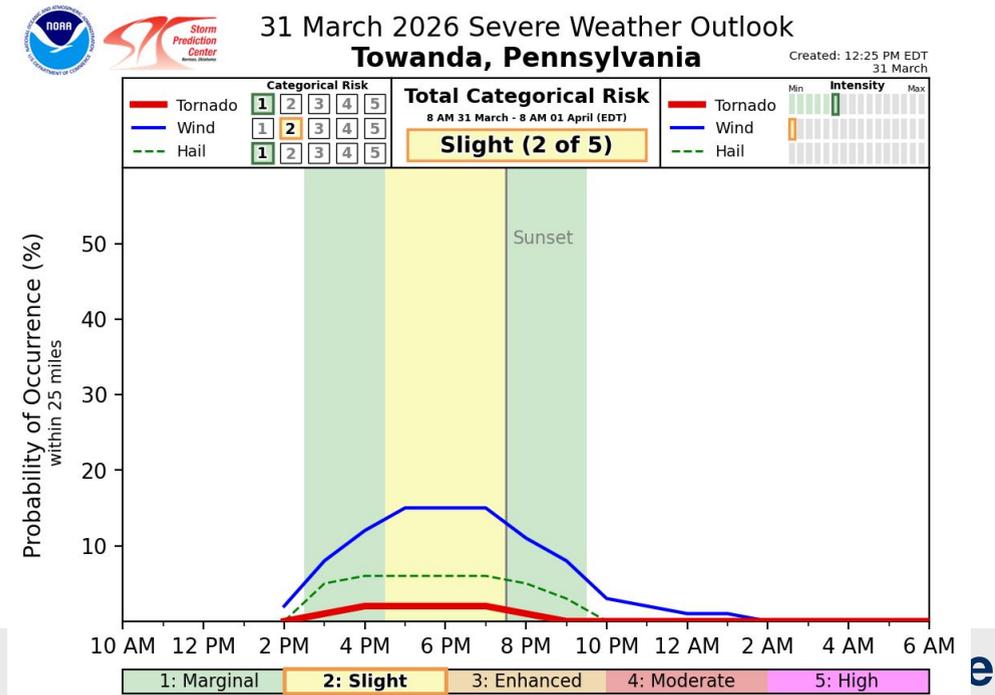
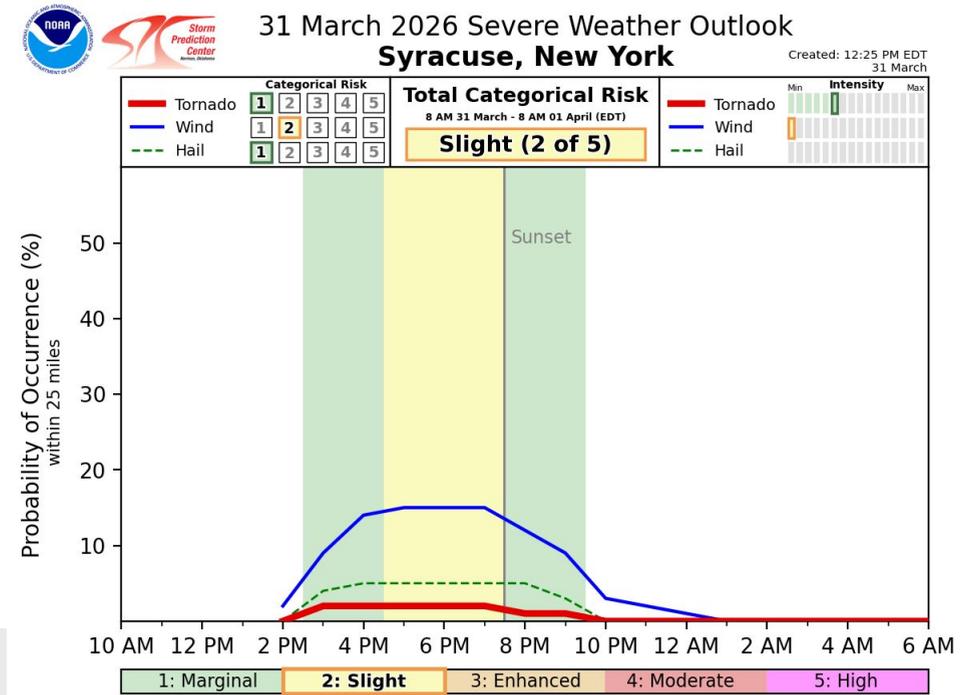
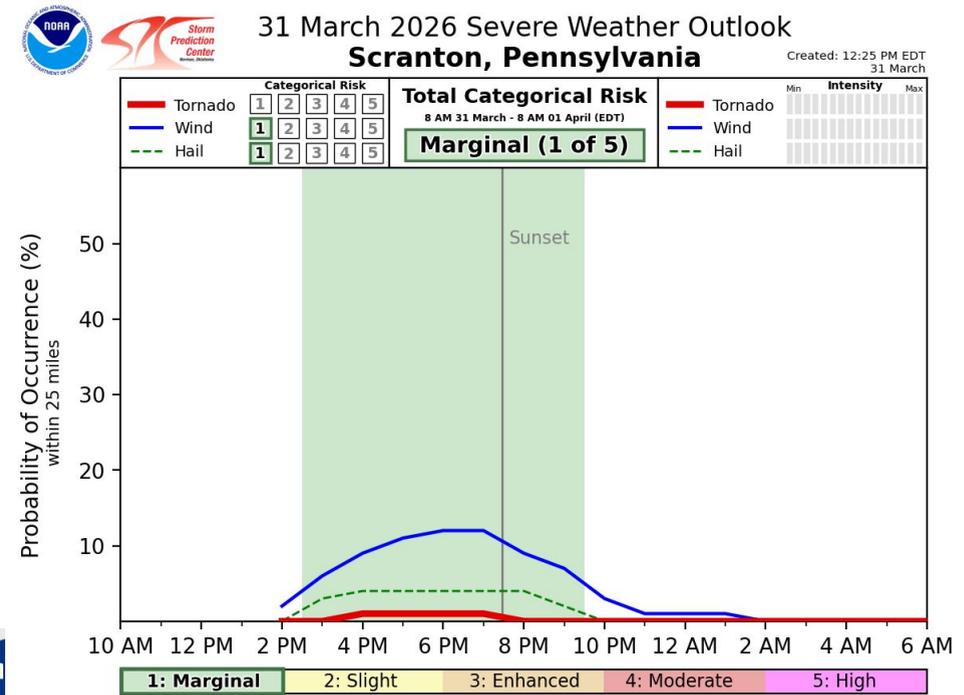
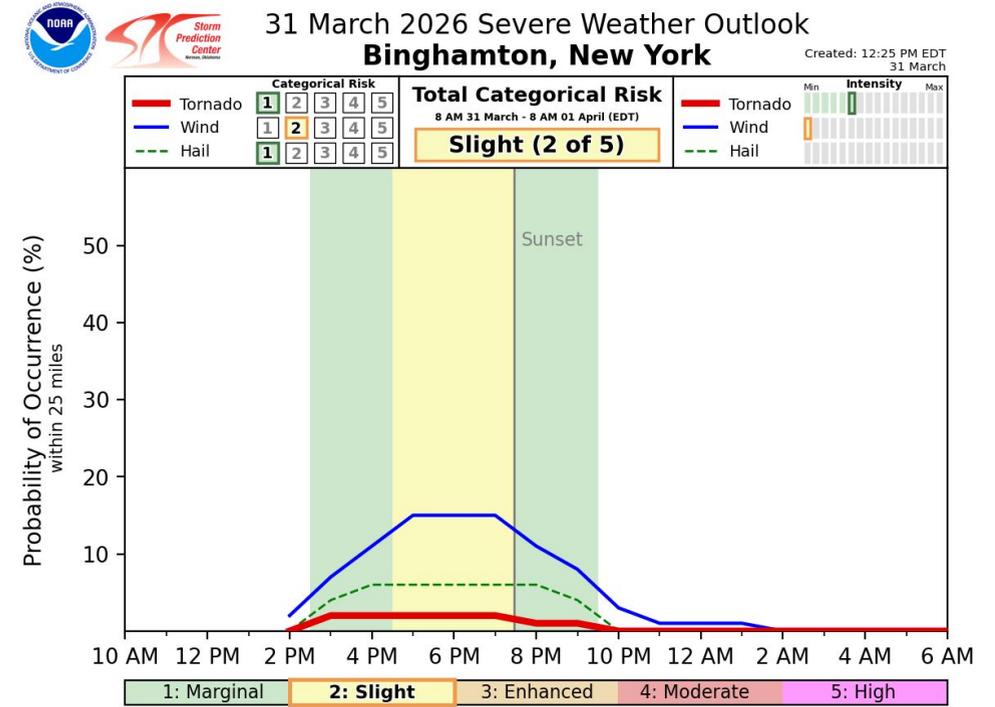
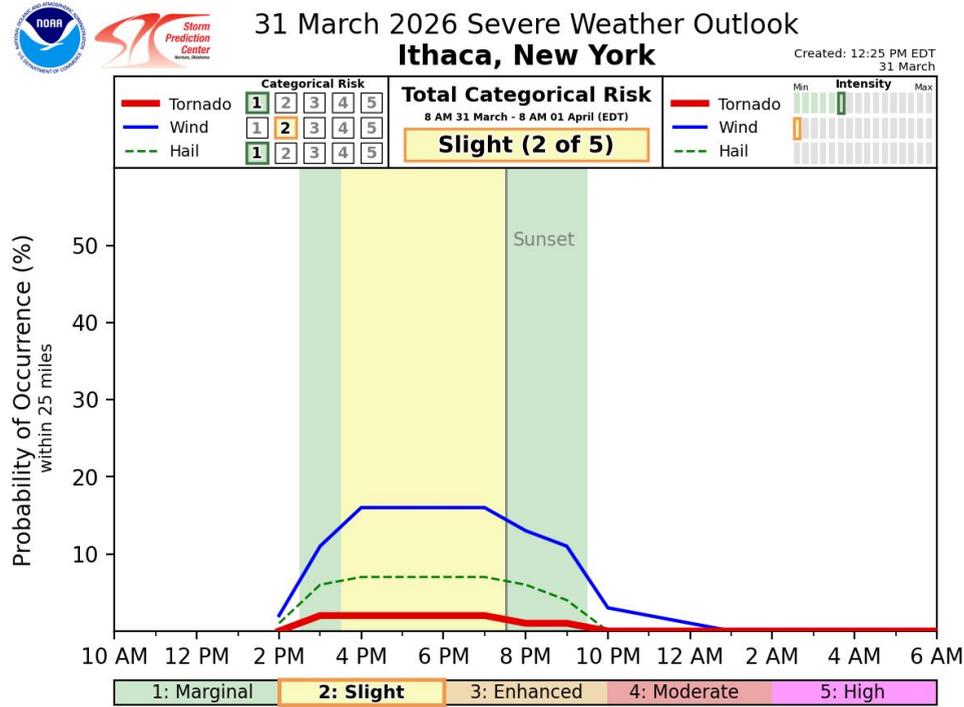
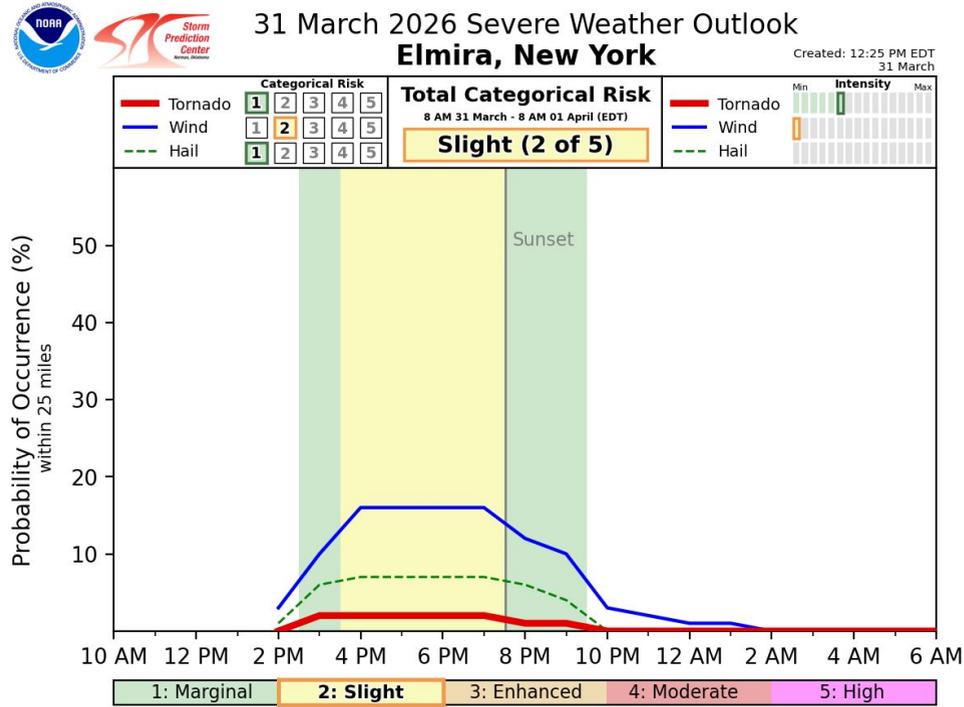
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National Weather Service  
Binghamton, NY



# Severe Thunderstorm Timing

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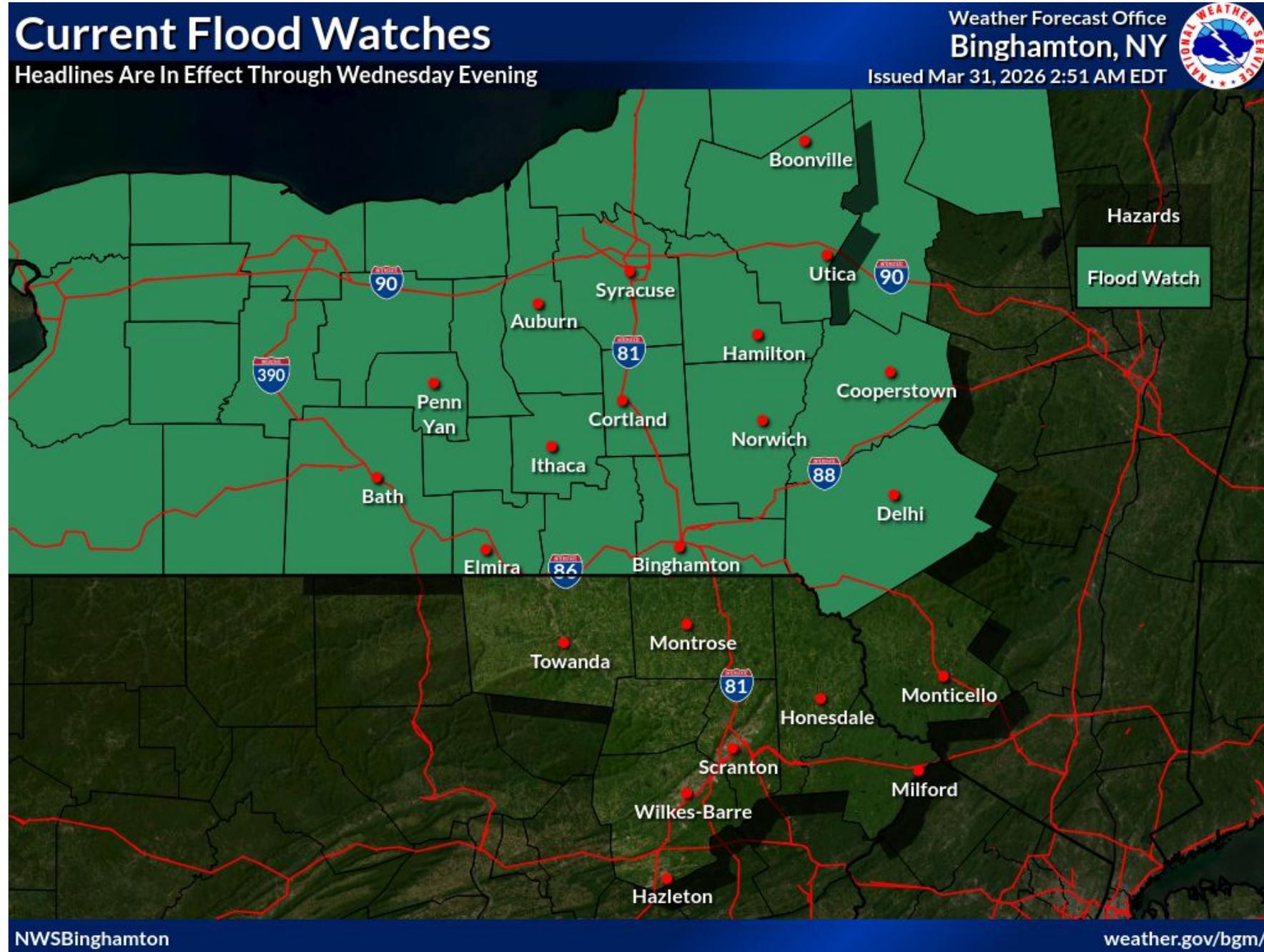




# Flood Watch Expanded Across Central NY

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## Flood Watch in effect through Wednesday Evening





# Excessive Rainfall Outlook

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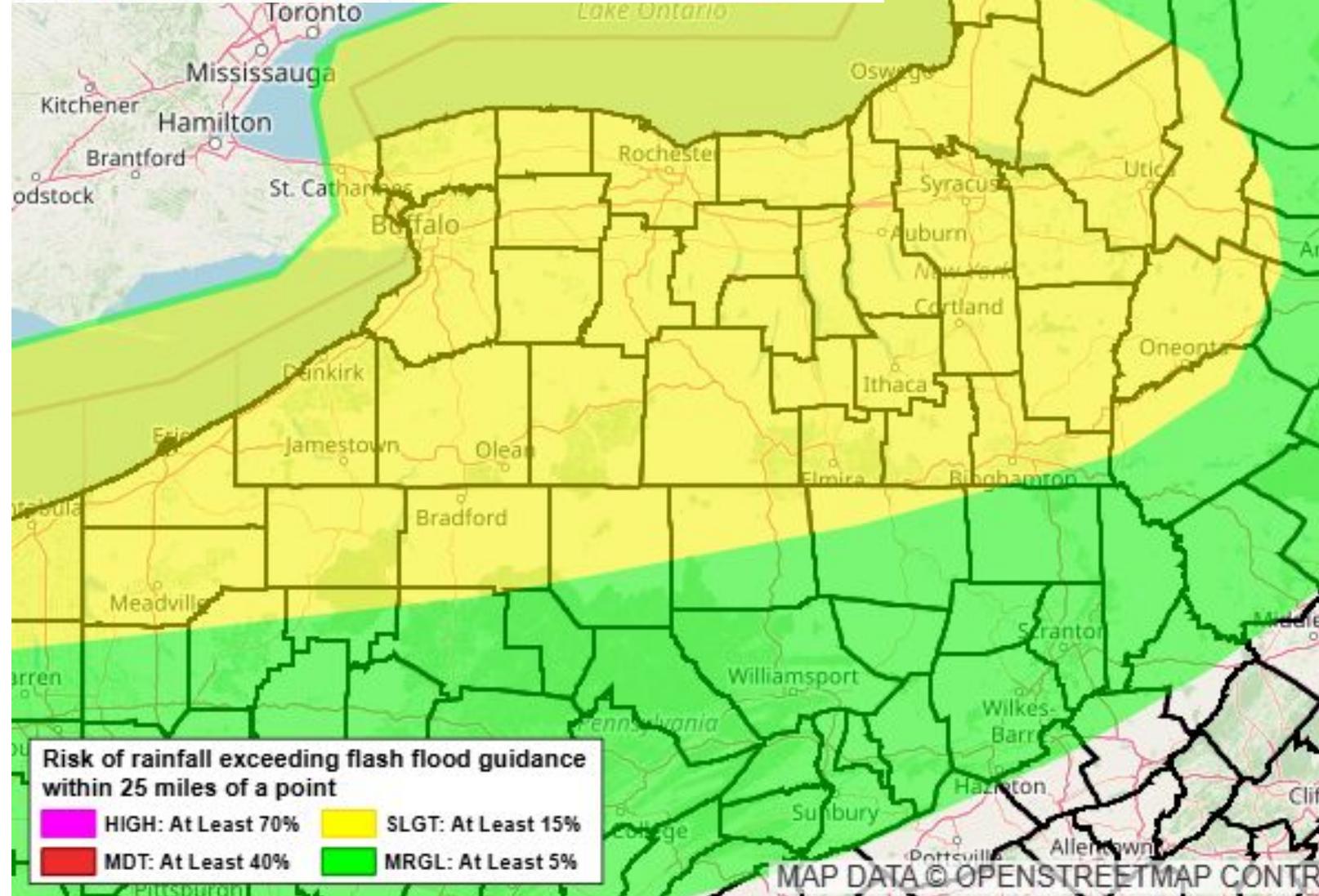
## Day 1 Excessive Rainfall Outlook

Valid 1600Z Tue Mar 31 2026 Through 1200Z Wed Apr 01 2026

Issued: 1559Z Tue Mar 31 2026

Forecaster: SANTORELLI

DOC/NOAA/NWS/NCEP/WPC



- With the heavy rainfall across portions of the area, and the expected thunderstorm activity this afternoon and evening, the Slight risk for Excessive Rainfall leading to Flash Flooding has expanded eastward.
- Localized flash flooding will be possible thru the evening hours across areas impacted by thunderstorms. Areas that received significant rainfall this morning will be more susceptible to additional hydro issues.



National Oceanic and Atmospheric Administration

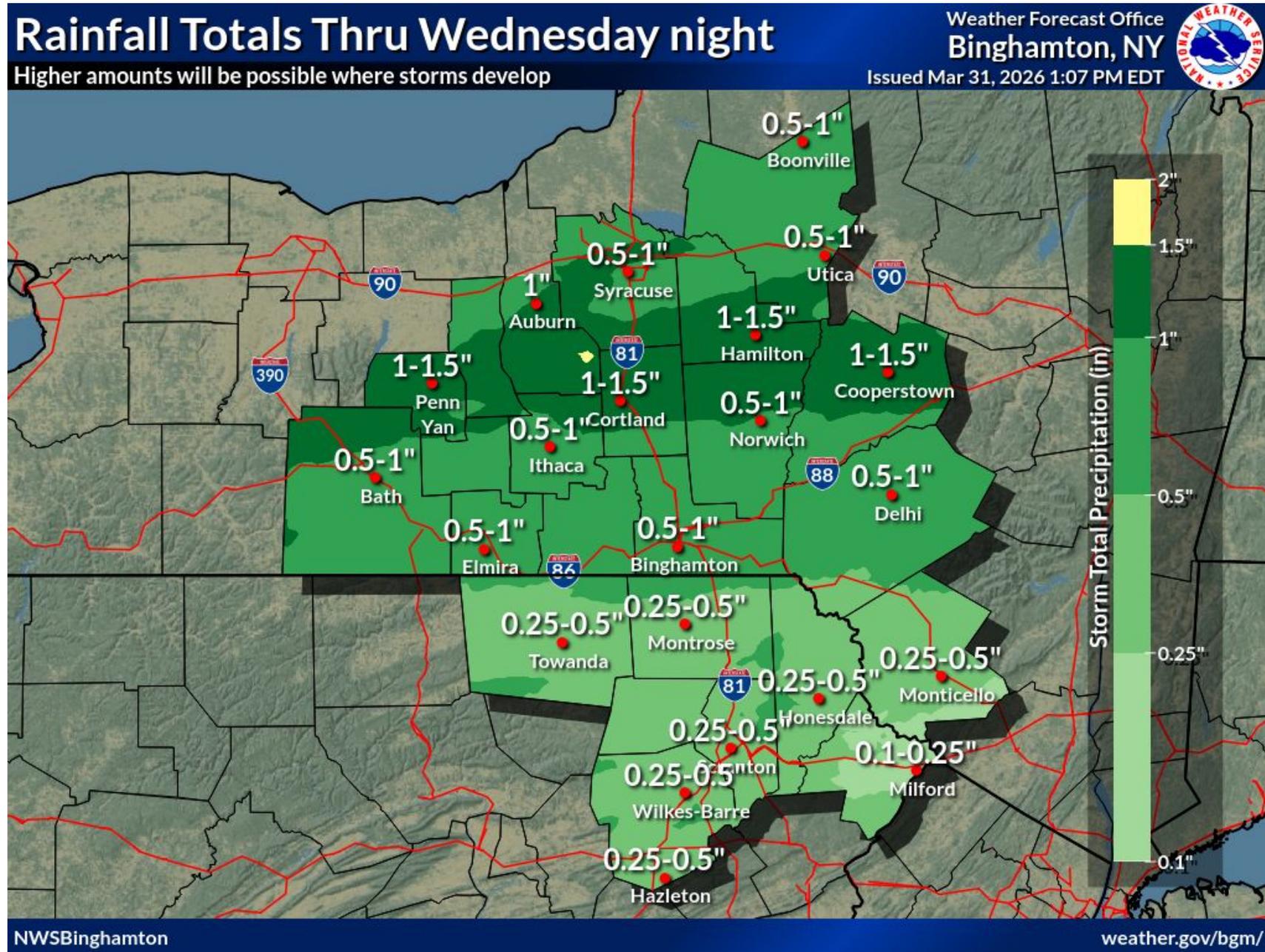
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# Rainfall Totals Through Wednesday Night

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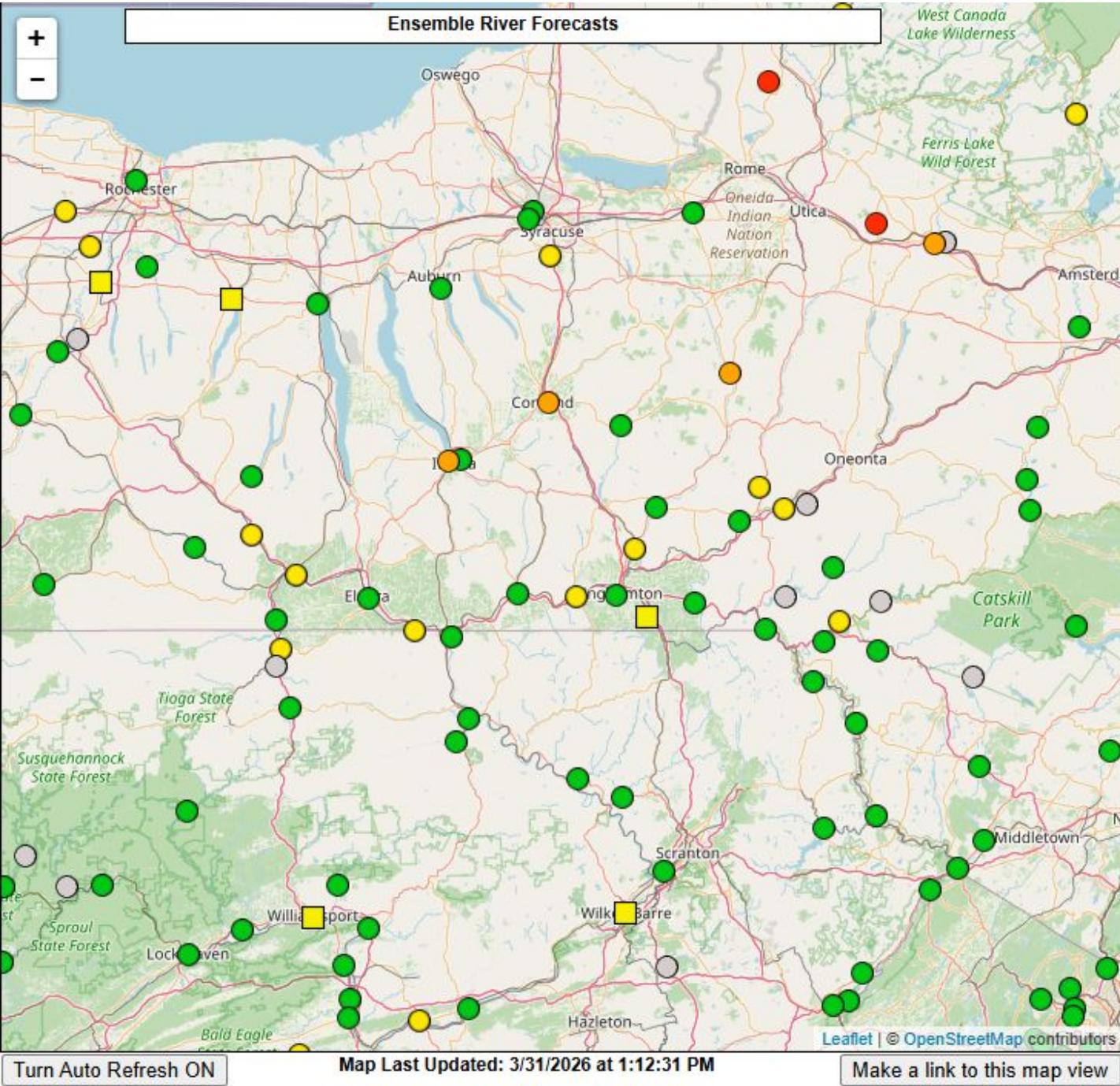
- Rainfall totals will be highly dependent on location of thunderstorms this afternoon into the overnight hours, as well as how far south the cold front moves tonight into Wednesday morning before it stalls out. The closer the front stalls to our area, the better chance for rain on Wednesday.
- Rainfall totals in the graphic to the left is based on forecasted thunderstorm development. Higher amounts and location shifts are possible based on where the storms eventually develop.





# River Flooding Possible into Late Week

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- Flood Warnings have been issued for Tioughnioga River at Cortland and Chenango River at Sherburne from this evening to early Thursday morning. We are also watching the Owasco Inlet at Moravia for potential flooding later this evening.
- River flooding chances will remain into the end of the week.

Map Legend		
Chance of Exceedance		River Forecast Centers
30%	Level	70%
	Action	
	Minor Flood	
	Moderate Flood	
	Major Flood	
	= less than 30% chance of reaching Action level	
	= no critical levels defined for this point	