

NOAA/NWS Binghamton, NY

Severe Weather Potential Today

Prepared: 3 AM August 16th, 2016

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Briefing applies
to the
NWS Binghamton
service area only!

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Changes Since Last Briefing

- Added the mention of tornadic potential.
- Minor adjustments to timing.



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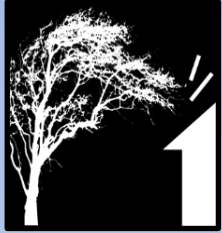
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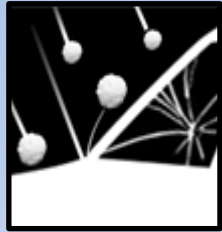
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Potential Impacts



Tree damage and sporadic power outages



Isolated large hail



Brief locally heavy rainfall



A couple tornados possible – highest threat across western Mohawk Valley east into western Catskills



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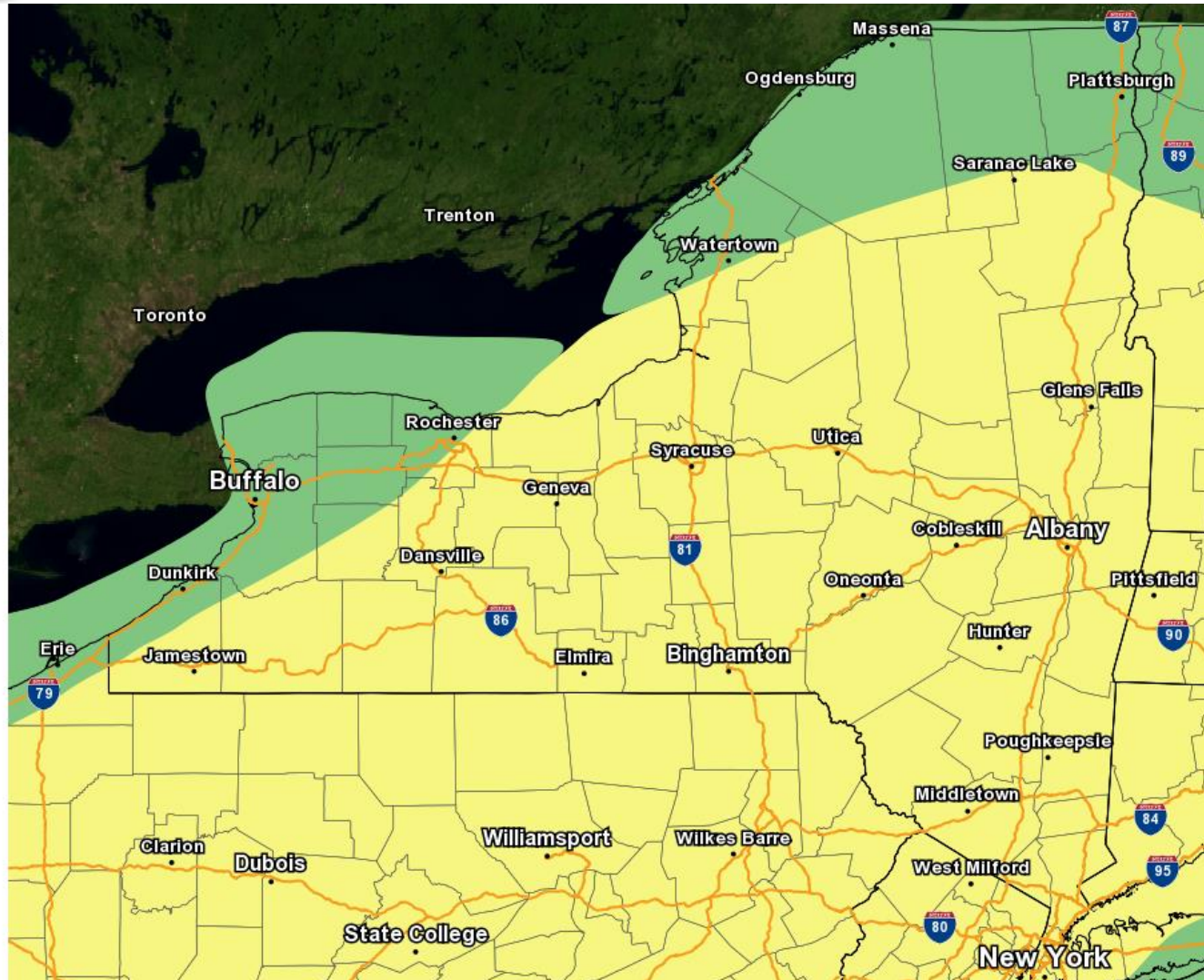


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Today's Severe Weather Threat

- General Thunderstorms
- 1 - Marginal Risk
- 2 - Slight Risk
- 3 - Enhanced Risk
- 4 - Moderate Risk
- 5 - High Risk



Graphic Created
August 16th, 2016
2:23 AM EDT

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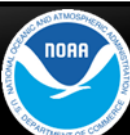
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What Does Slight Risk Mean?

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
					
<ul style="list-style-type: none"> Winds to 40 mph Small hail 	<ul style="list-style-type: none"> Winds 40-60 mph Hail up to 1" Low tornado risk 	<ul style="list-style-type: none"> One or two tornadoes Reports of strong winds/wind damage Hail ~1", isolated 2" 	<ul style="list-style-type: none"> A few tornadoes Several reports of wind damage Damaging hail, 1 - 2" 	<ul style="list-style-type: none"> Strong tornadoes Widespread wind damage Destructive hail, 2" + 	<ul style="list-style-type: none"> Tornado outbreak Derecho

* 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.



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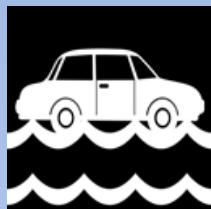
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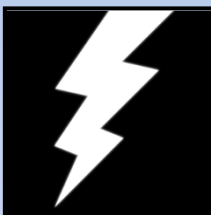
Potential Hazards: Threat Level



Flash Flood Risk



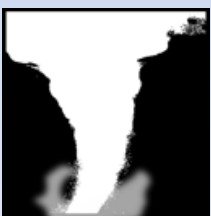
Damaging Wind Risk



Lightning Risk



Hail Risk



Tornado Risk



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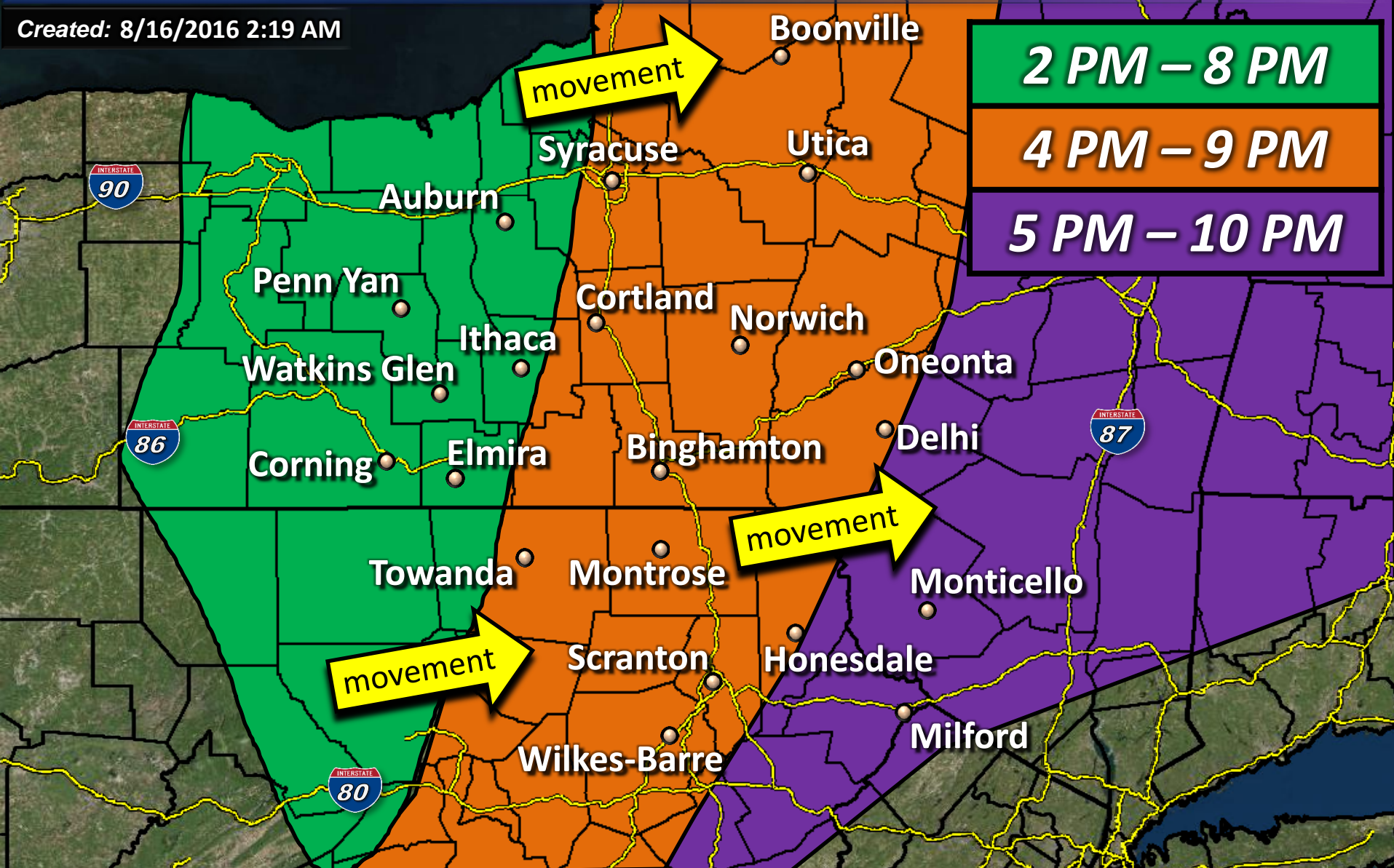


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Rough Timing for Severe Thunderstorm Risk

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