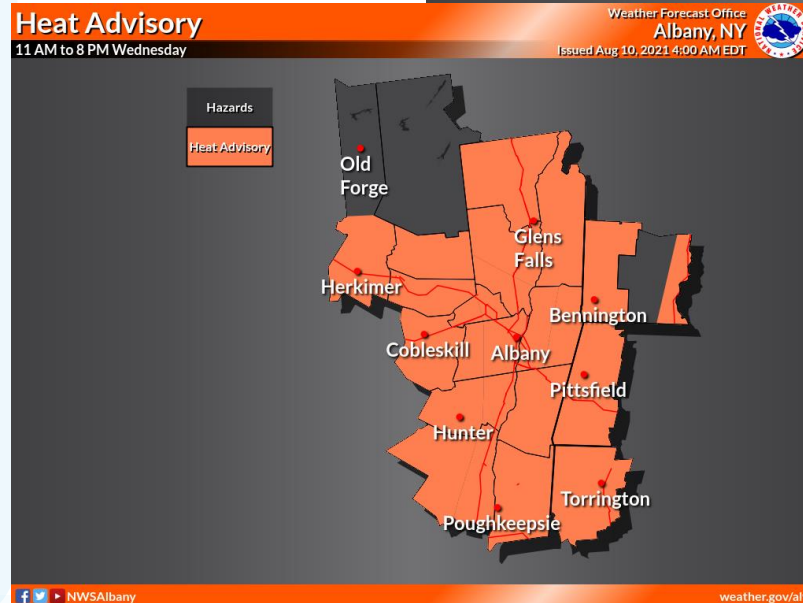
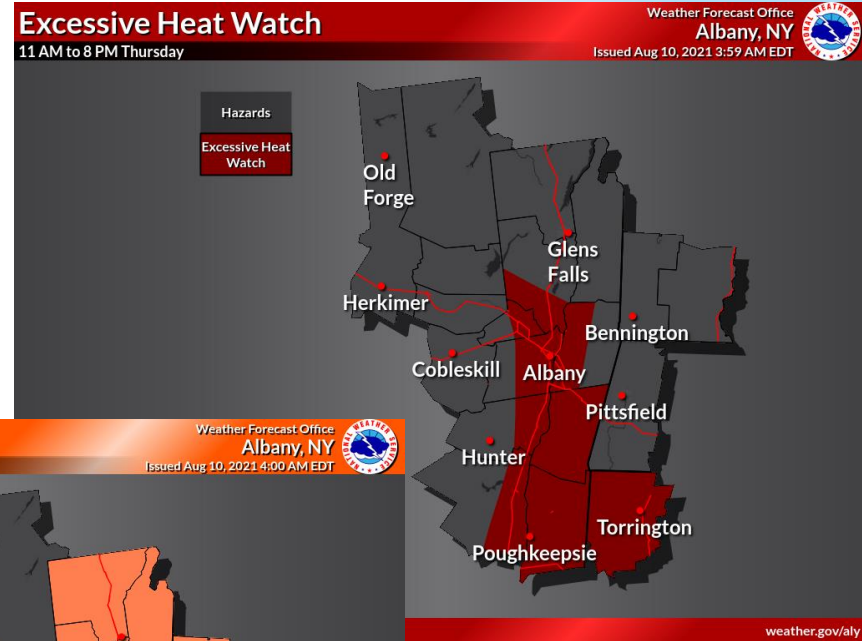






Dangerous Heat & Severe Thunderstorms possible Wednesday through Friday

What Has Changed?

- ✓ Heat Advisory issued for Wednesday across most of the region
- ✓ Excessive Heat Watch issued for Thursday across the Capital District, mid Hudson Valley, central & southern Taconics & Litchfield CT.
- ✓ Marginal Risk of Severe Thunderstorms Wednesday for most of eastern NY & Thursday the entire region



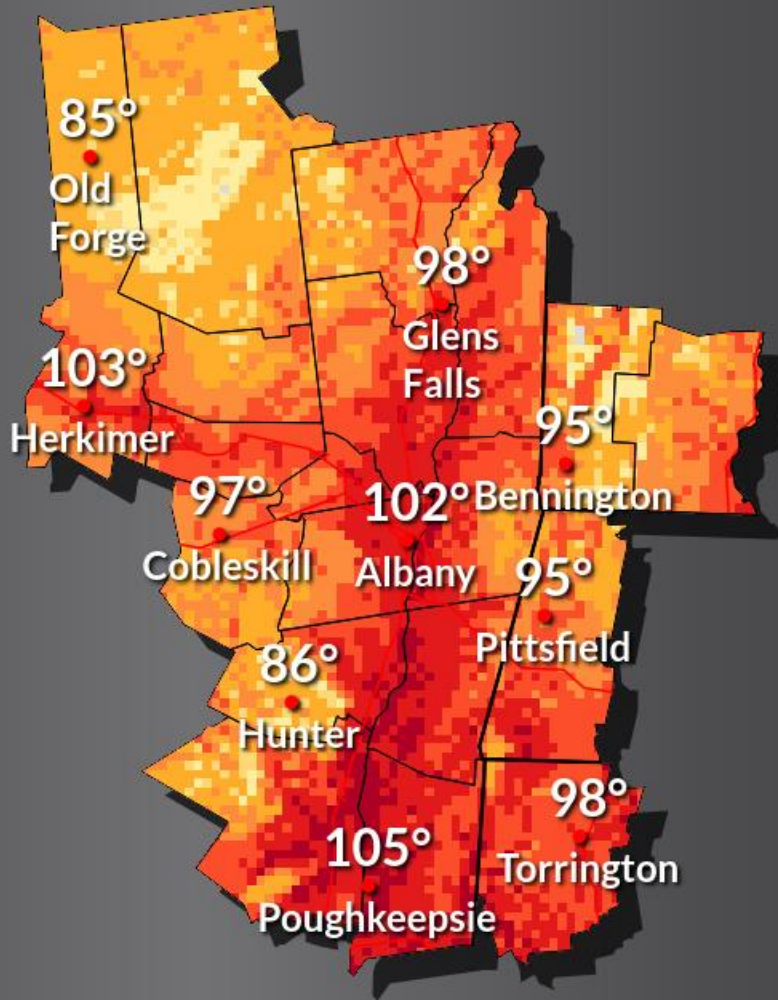
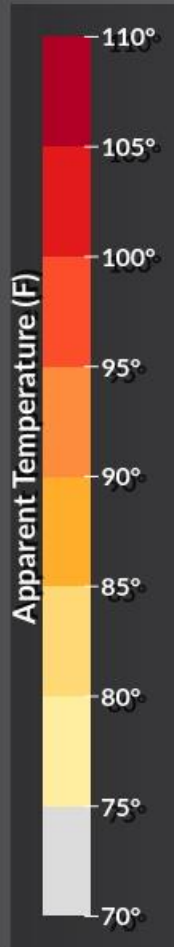
Main Points

Hazard	Impacts	Location	Timing
Heat Advisory 	<p>Hot temperatures and high humidity may cause heat illnesses to occur. Drink plenty of fluids, stay out of the sun, stay in an air-conditioned room, and check in on neighbors.</p>	<p>Most of eastern New York & western New England</p>	<p>11 AM to 8 PM Wednesday</p>
Excessive Heat Watch 	<p>Extreme heat and humidity will significantly increase the potential for heat related illnesses, particularly for those working or participating in outdoor activities.</p>	<p>Capital District, mid Hudson Valley, central & southern Taconics & Litchfield CT</p>	<p>11 AM to 8 PM Thursday</p>
Thunderstorm Wind 	<p>Downed trees and powerlines, and isolated structural damage associated with the strongest storms</p>	<p>Eastern New York and western New England</p>	<p>Wednesday and Thursday mainly during the afternoon and evening hours</p>
Flooding 	<p>Areas of urban/poor drainage flooding and isolated flash flooding possible</p>	<p>Most of eastern New York</p>	<p>Today and Thursday mainly during the afternoon and evening hours</p>

Maximum Heat Index Wednesday

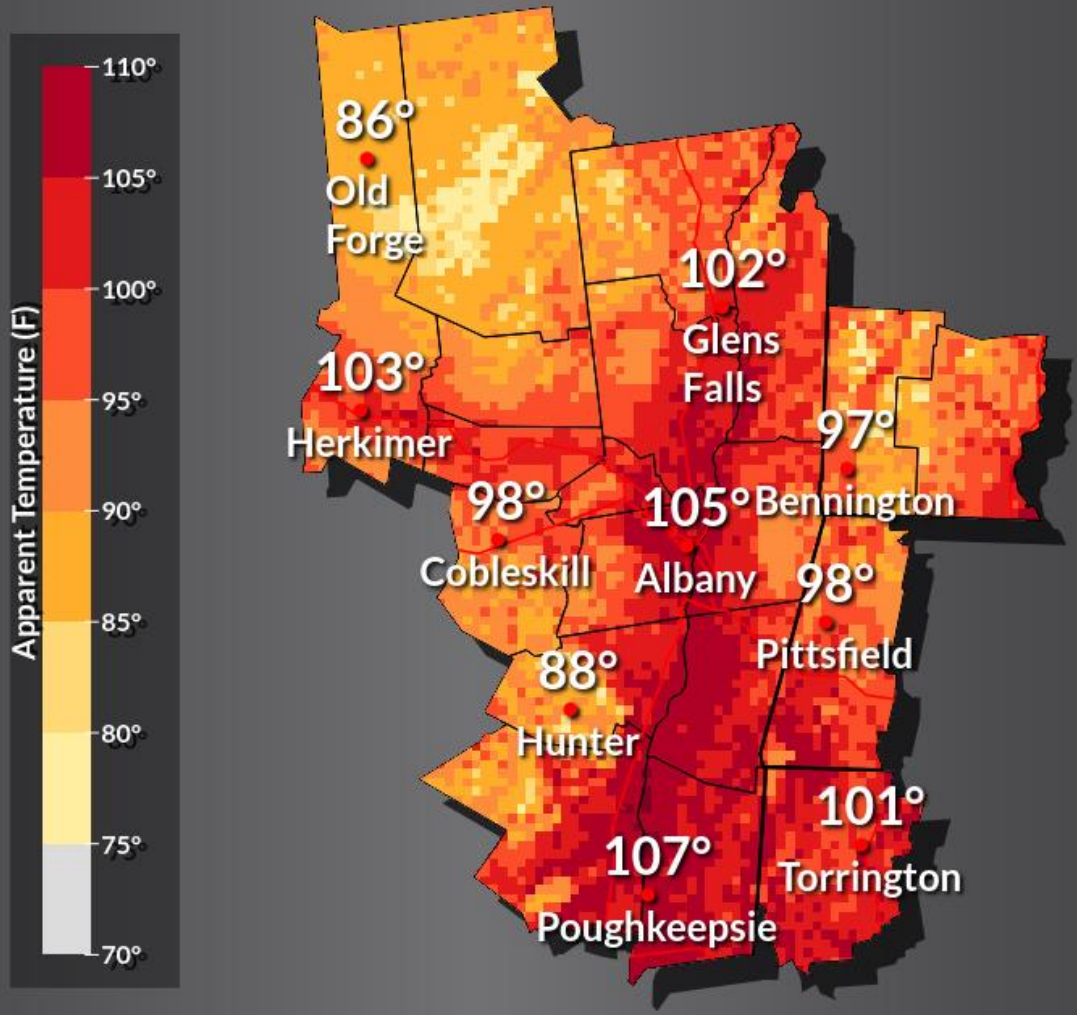
Weather Forecast Office
Albany, NY

Issued Aug 10, 2021 4:02 AM EDT



Maximum Heat Index Thursday

Weather Forecast Office
Albany, NY
Issued Aug 10, 2021 4:03 AM EDT



Why is Excessive Heat so Dangerous?

What can You do?

Heat becomes especially dangerous if it lingers for more than one day.

Hot days and warm nights don't give our bodies time to cool down.

Heat islands can intensify extreme hot weather, which can cause breathing problems, heat cramps, heat stroke, and may lead to illness or even death.



Check on your friends, family and neighbors during heat waves.

Wear light, loose-fitting clothing and drink water often. Don't wait until you are thirsty.

Avoid unnecessary hard work or activities if you are outside or in a building without air-conditioning.

Stay in an air-conditioned area. Air conditioning is the strongest protective factor against heat-related illness.

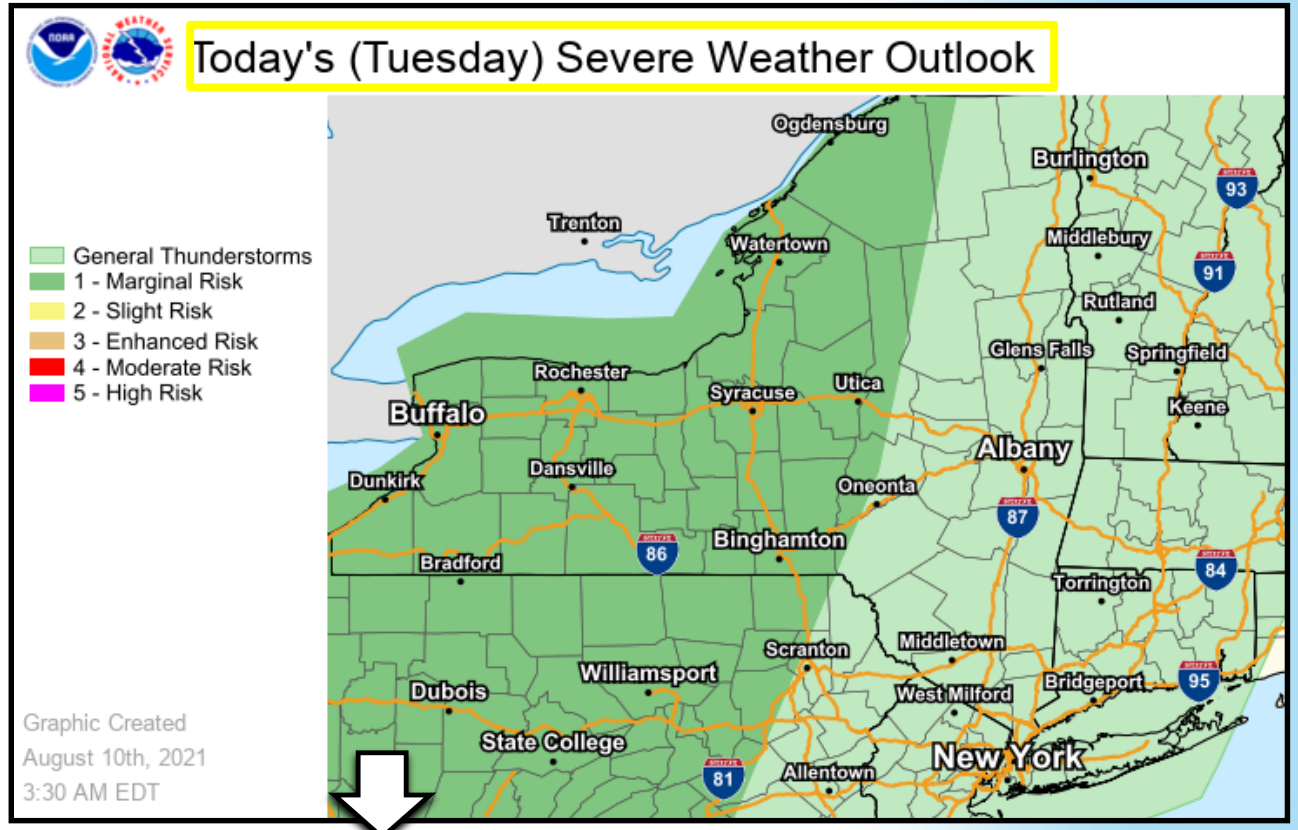


Impacts:

- ✓ Damaging straight-line winds
- ✓ Frequent lightning
- ✓ Locally heavy rainfall

Timing:

- ✓ This afternoon and evening



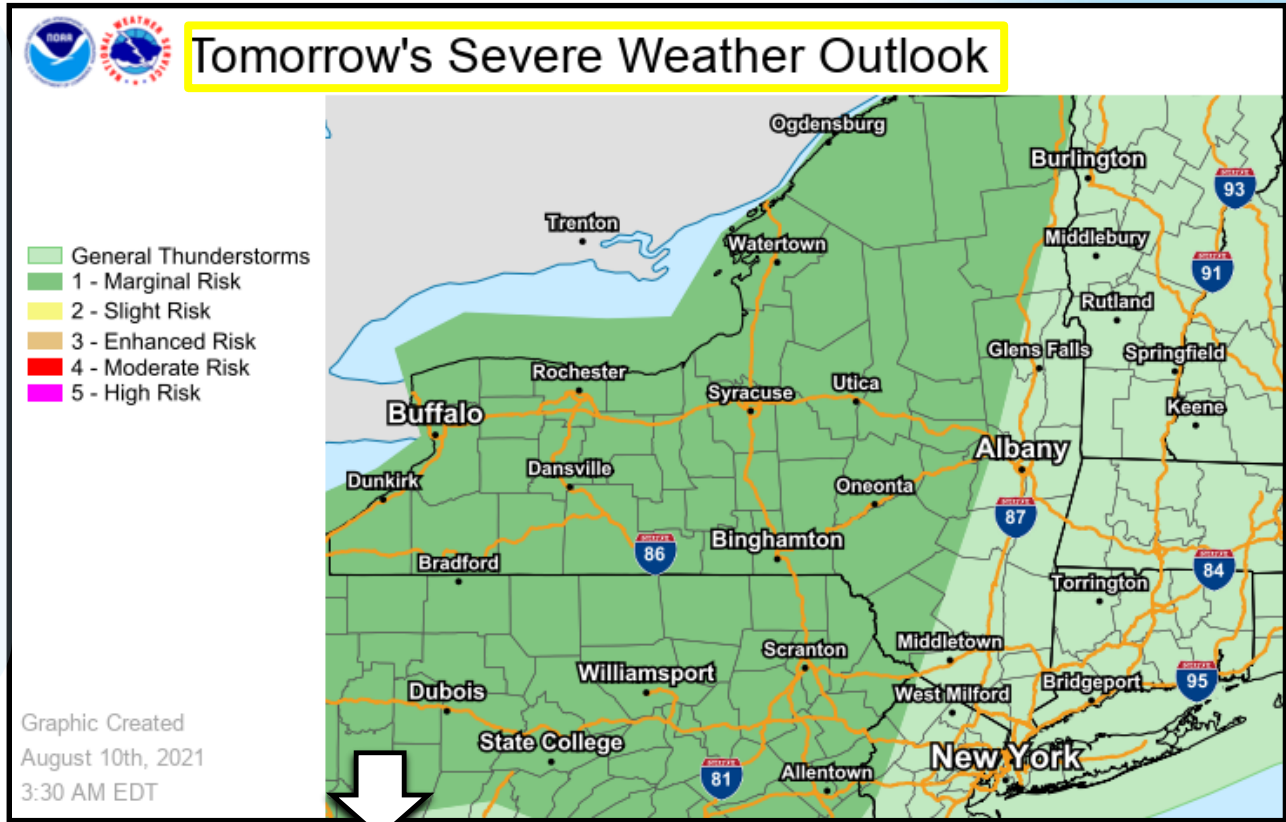
THUNDERSTORMS (no label)	1 - MARGINAL (MRGL)	2 - SLIGHT (SLGT)	3 - ENHANCED (ENH)	4 - MODERATE (MDT)	5 - HIGH (HIGH)
No severe* thunderstorms expected	Isolated severe thunderstorms possible	Scattered severe storms possible	Numerous severe storms possible	Widespread severe storms likely	Widespread severe 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

Impacts:

- ✓ Damaging straight-line winds
- ✓ Frequent lightning
- ✓ Locally heavy rainfall

Timing:

- ✓ Wednesday afternoon and evening



Graphic Created
August 10th, 2021
3:30 AM EDT

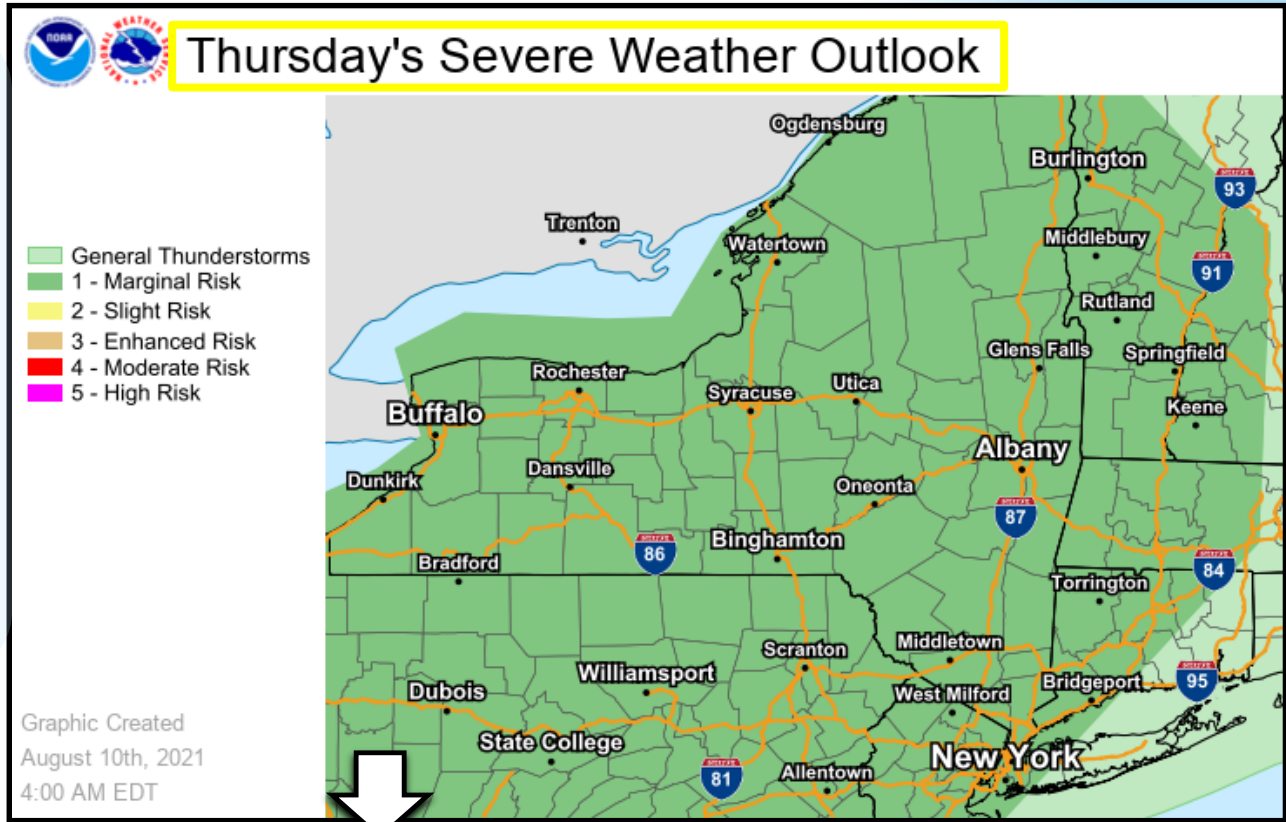
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Impacts:

- ✓ Damaging straight-line winds
- ✓ Frequent lightning
- ✓ Locally heavy rainfall

Timing:

- ✓ Thursday afternoon and evening



THUNDERSTORMS (no label)	1 - MARGINAL (MRGL)	2 - SLIGHT (SLGT)	3 - ENHANCED (ENH)	4 - MODERATE (MDT)	5 - HIGH (HIGH)
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Event Summary

- ✓ **Heat Advisory: Wednesday for most of the region**
- ✓ **Excessive Heat Watch: Thursday for the Capital District, mid Hudson Valley, central & southern Taconics & Litchfield CT**



- ✓ **The combination of high heat and humidity will result in heat indices of 95 to 104 degrees in the advisory area and 105 to 110 degrees in the watch area**
- ✓ **Dangerous heat continues Friday with additional Heat Advisory likely for some areas**
- ✓ **Cooler temperatures expected Saturday and especially Sunday**

- ✓ **Marginal risk of severe thunderstorms Wednesday afternoon & evening for most of eastern New York and Thursday for the entire region**



- ✓ **Primary threat: damaging wind gusts afternoon & evening hours**
- ✓ **Frequent lightning and locally heavy rainfall leading to flooding in urban, poor drainage and low-lying areas possible**