



Heavy Rain from Debby Friday through Friday night

August 8, 2024
5:43 PM

For Eastern New York and Western New England

Decision Support Briefing #7

As of 5:45 PM EDT Thursday, August 8, 2024

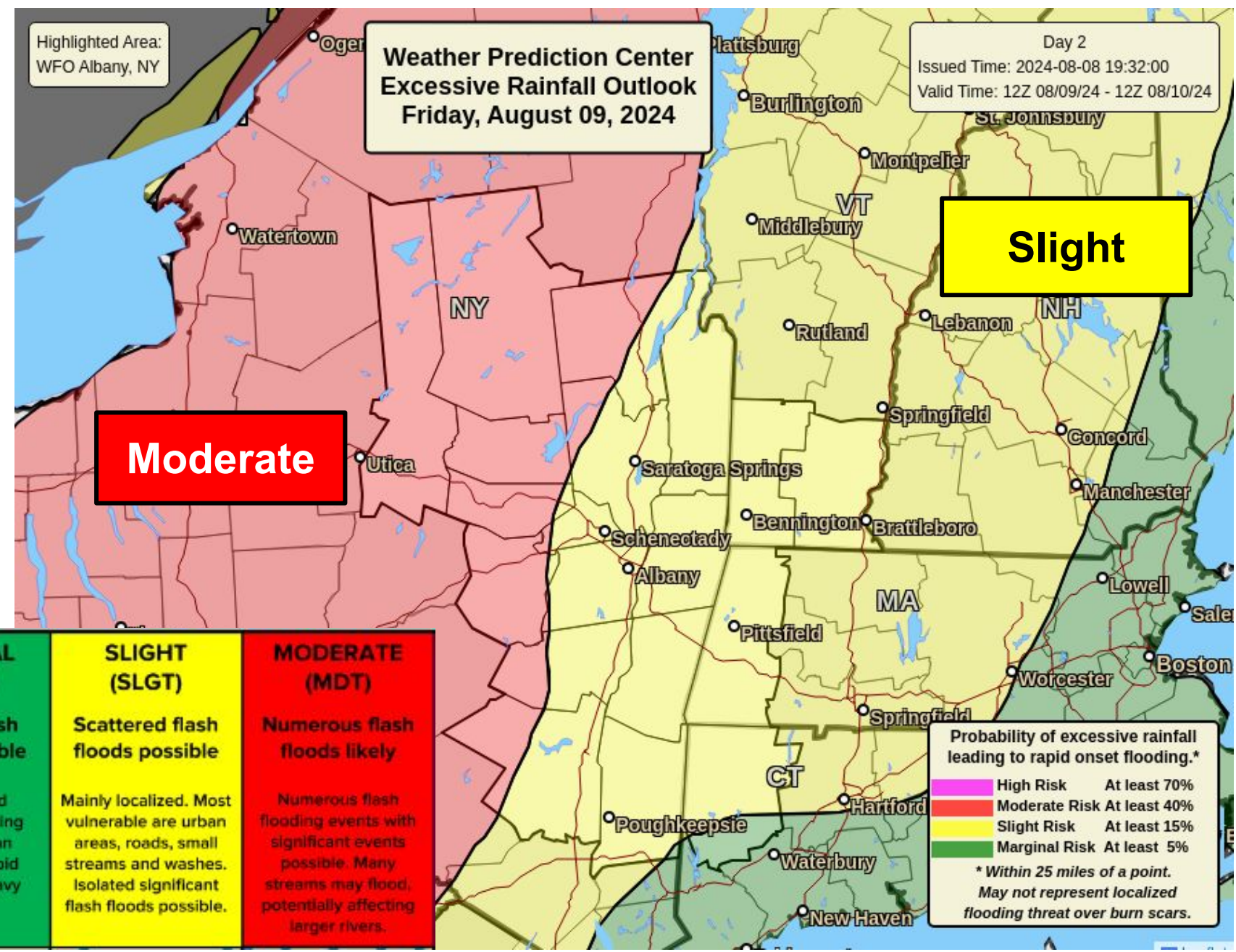
Important Details/Updates

NEW

The **Marginal Risk** for severe weather tomorrow has expanded and now covers all of eastern NY and western New England tomorrow into tomorrow evening. Strong to locally damaging winds and a few tornadoes are the main hazards from any severe storms

→ Rainfall amounts have decreased slightly for areas along and east of the Hudson River into western New England. Thus, the “moderate risk” for excessive rainfall has shifted to the west. Overall impacts remain the same.

→ A **Flood Watch** remains in effect for the western and central Mohawk Valley and the southern Adirondacks 8 AM Friday through 8 AM Saturday.





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Albany, NY



Main Points

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Hazard	Impacts	Location	Timing
<div>Moderate to Heavy Rain From Debby</div> <div></div>	<div>Widespread moderate to heavy rainfall will result in flooding of urban, low-lying, and poor-drainage areas with the threat of scattered to numerous instances of flash flooding as well as some river flooding.</div>	<div>All of eastern New York and western New England</div>	<div>Friday through Friday night</div>
<div>Severe Thunderstorms</div> <div></div>	<div>Thunderstorms Friday afternoon into Friday evening may be capable of producing strong to locally damaging wind gusts and a few tornadoes.</div>	<div>Most of eastern New York and western New England</div>	<div>Friday afternoon into Friday evening</div>

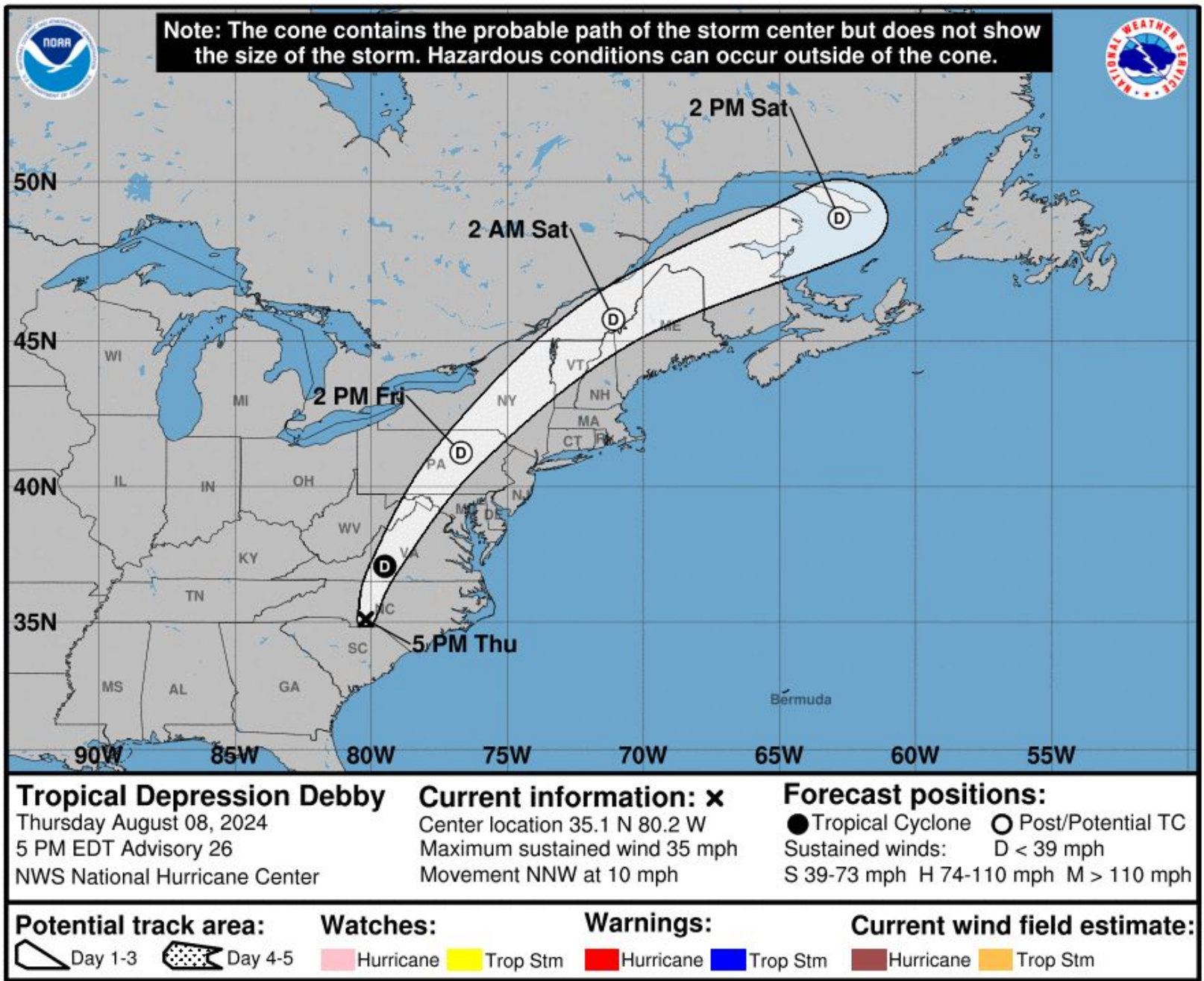




Debby 5-Day Forecast Track

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- Debby will track northward and merge with a front, bringing widespread rainfall to the region from west to east late tonight through Friday night.





Flood Watch

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- A **Flood Watch** remains in effect for the western and central Mohawk Valley and southern Adirondacks from 8 AM Friday through 8 AM Saturday.
- Flooding of urban or poor drainage areas remains likely with the potential for scattered to numerous flash floods and some river flooding.

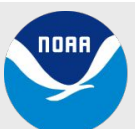


Flood Watches Warnings and Advisories

■ Flood Watch



Graphic Created
August 8th, 2024
4:30 PM EDT

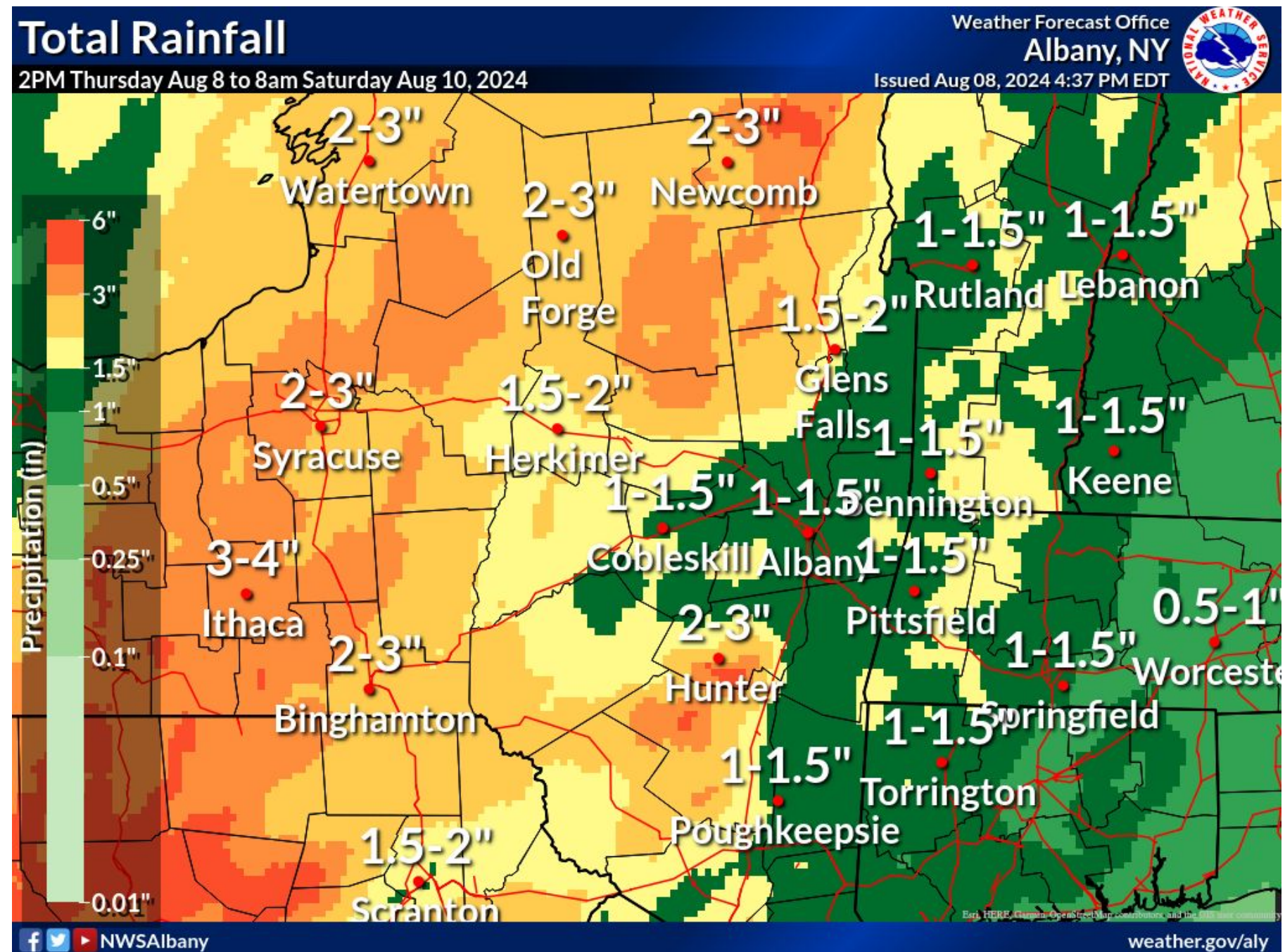




Expected Rainfall

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- Rain becomes moderate to locally heavy tomorrow afternoon through tomorrow night with rainfall rates of 0.50 to 1 inch per hour. The high rainfall rates increases potential for flash flooding, especially where heavy rain can persist over a given area.
- Highest rainfall amounts expected north and west of the Capital District. Locally higher rates are expected in the southern Adirondacks, Mohawk Valley, and eastern Catskills where the terrain will help enhance rainfall rates. As water runs off the terrain, rivers and streams will likely rise with some potentially flooding.
- The heaviest rain exits to from west to east near or after shortly after Midnight



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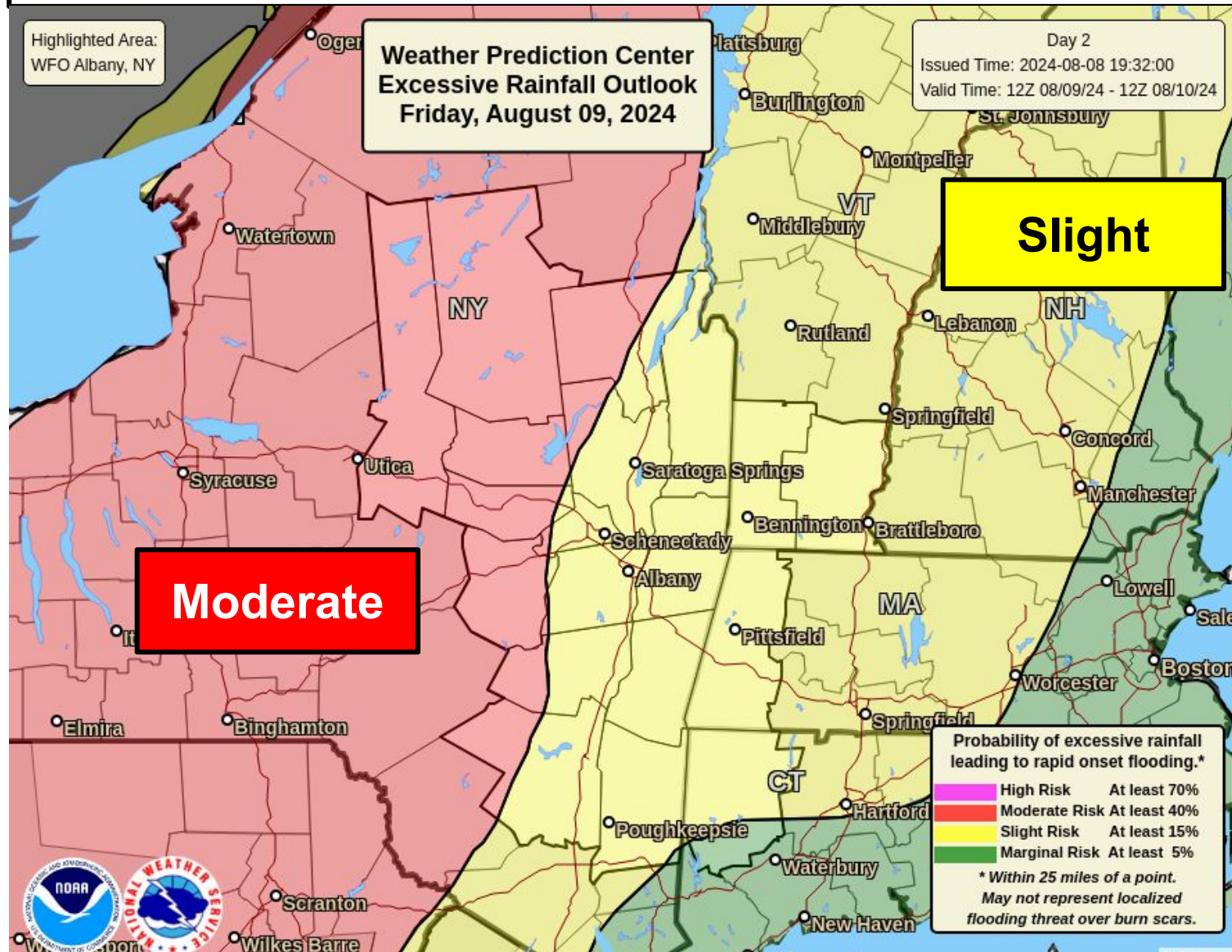


Excessive Rainfall Outlook

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Friday through Friday Night

Excessive Rainfall Outlook Friday, August 9, 2024



BEWARE OF FLOODS WHEN CAMPING



Heavy rain can quickly cause flash flooding. Use caution if camping near a stream, river, or in a low-lying area.



Stay informed. Be able to get the forecast online or with a NOAA Weather Radio.



Get to higher ground immediately if alerted to flooding.



Never walk or drive through floodwater. It only takes 6 inches to knock you over and only 12 inches to sweep a car way.



weather.gov



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.



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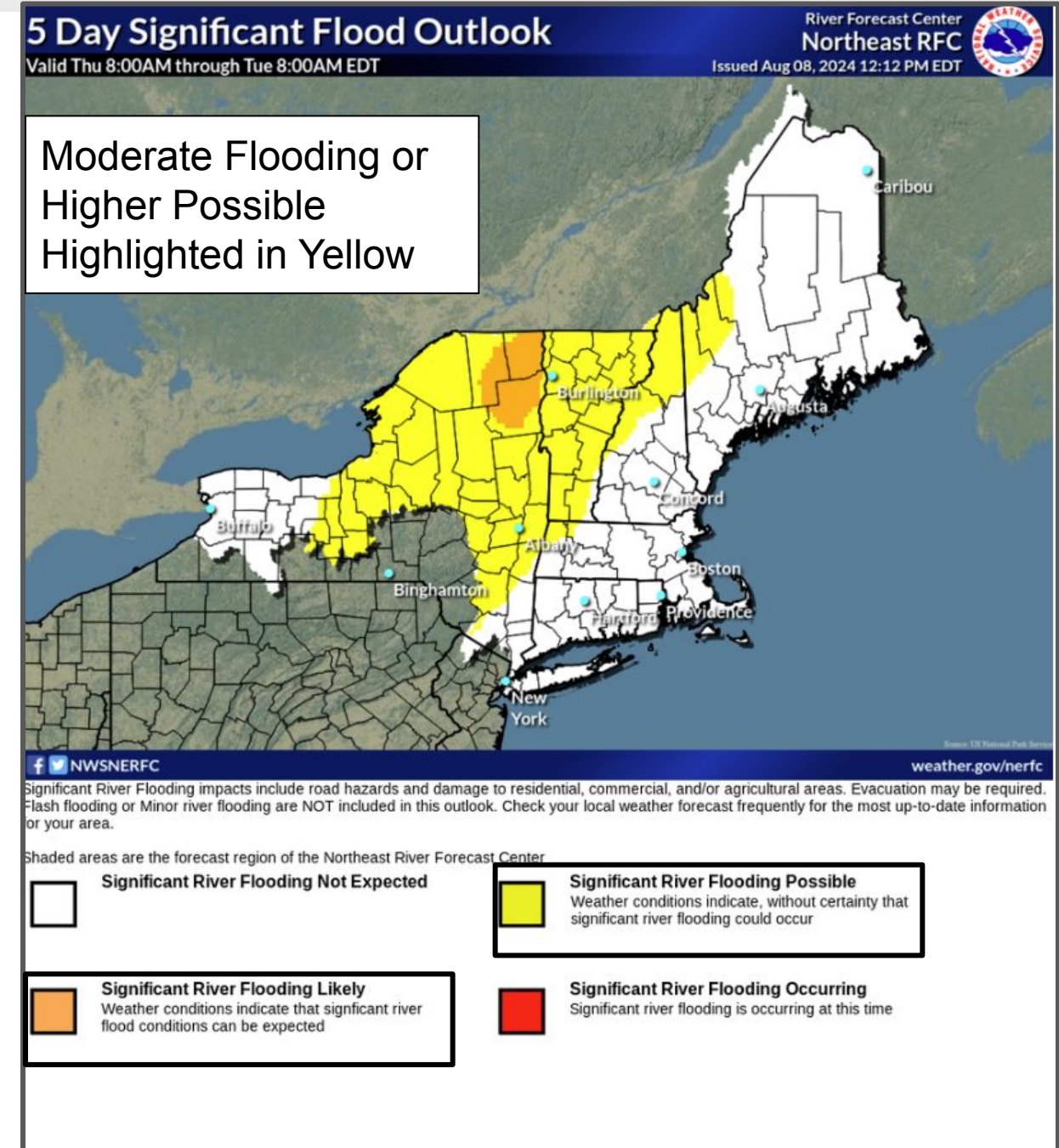


Flood Potential Outlook

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Through Monday

- Rivers will rise as a result of the widespread rainfall Friday through Friday night.
- Current river forecasts show the highest river rises on the Mohawk River, West Canada Creek, Sacandaga River, and Schoharie Creek. Kast Bridge on the West Canada Creek is expected to experience minor flooding.
- The Northeast River Forecast Center indicates an increased probability of some rivers reaching moderate flood stage through Tuesday August 13.
 - Impacts of moderate river flooding include the inundation of some structures and roads near small streams. Additionally, evacuations of people and/or property to higher elevations may also be a resulting impact.



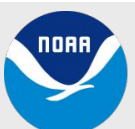
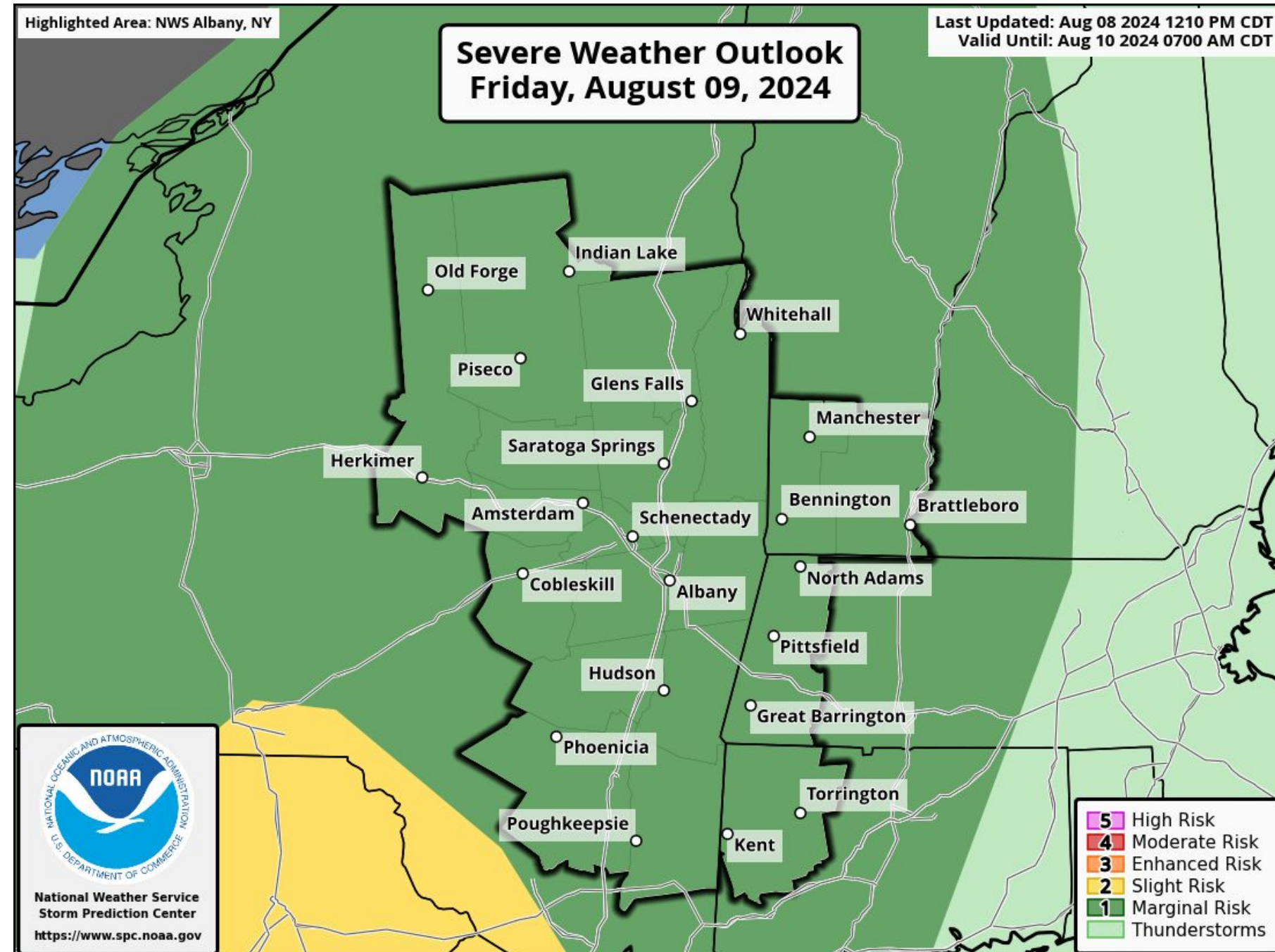


Severe Weather Potential

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Friday

- There is a **Marginal Risk** for severe weather across much of the region Friday into Friday evening.
- Thunderstorms will be capable of producing strong to locally damaging wind gusts and a few tornadoes.



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Wind Gusts Friday into Friday Night

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Friday

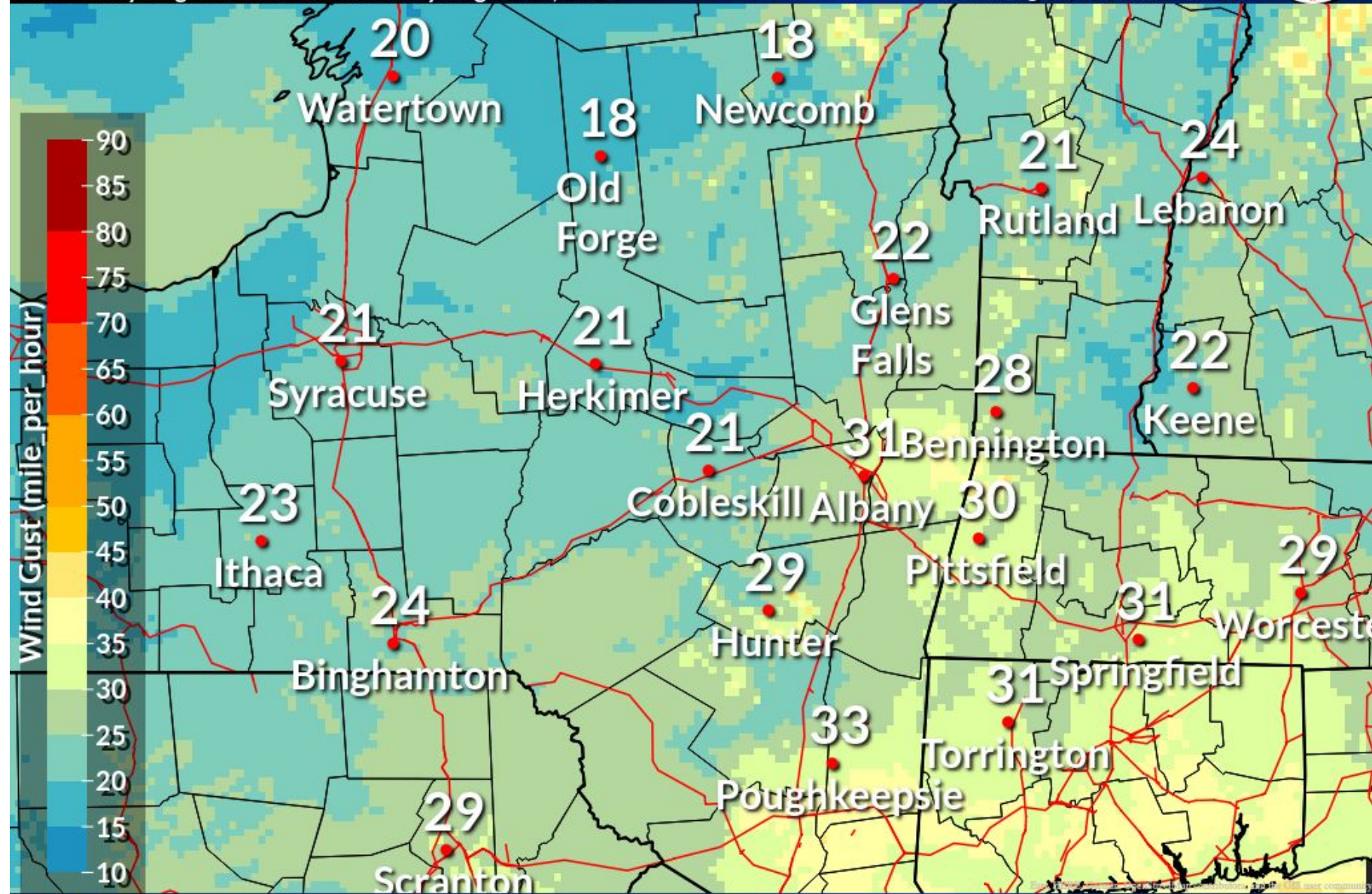
- South to Southeasterly winds will become gusty tomorrow afternoon through the evening with gusts reaching 25 to 40 mph. Locally stronger gusts are possible during any strong to severe thunderstorm.
- Winds remain breezy overnight Friday into early Saturday morning with gusts up to 20 - 30mph. Winds weaken through the day Saturday.

Maximum Wind Gusts

4PM Friday August 9 to 12AM Saturday August 10, 2024

Weather Forecast Office
Albany, NY

Issued Aug 08, 2024 5:22 PM EDT



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Key Points/Summary of Greatest Impacts

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Heavy Rain from Debby is expected Friday through Friday night.

- Rain will become moderate to heavy rainfall from west to east across the region tomorrow afternoon through tomorrow evening as Debby tracks into the region and merges with a front.

Heavy Rain and Flooding

- The axis of heaviest rainfall continues to be focused across areas mainly west of the Capital District including the southern Adirondacks, Mohawk Valley, and eastern Catskills.
 - A **Flood Watch** remains in effect for the southern Adirondacks and Mohawk Valley from Friday morning through Friday night.
 - Rainfall amounts of 1.5 to 3 inches are expected across much of the region with some locally higher amounts, mainly in the southern Adirondacks.
 - Flooding of urban or poor drainage areas remains likely with the potential for scattered to numerous flash floods and some river flooding. Eastern New York and western New England remains outlooked in a **Slight (level 2 of 4)** to **Moderate (level 3 of 4)** risk for excessive rainfall on Friday as issued by the Weather Prediction Center. The **Moderate risk (level 3 of 4)** has shifted west of the Hudson River where there is higher confidence for higher rainfall amounts and rates.
 - Rain will quickly move out of the region from west to east near or shortly after Midnight Friday night.

Severe Weather

- A **Marginal Risk (level 1 of 5)** for severe thunderstorms was expanded and now covers much of the region Friday afternoon into Friday evening for the potential for thunderstorms to become severe producing strong to locally damaging wind gusts and a few tornadoes.





Contact and Next Briefing Information

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For NWS Albany, New York



Briefing Webpage

→ [NWS Albany Briefing](#)



Next Briefing

→ By 6:00 AM Friday, August 9, 2024
→ Method: Email



Disclaimer

→ Information contained in this briefing is time-sensitive
→ Do Not Use After: 6:00 AM Friday, August 9, 2024



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