



Strong Winds and Heavy Lake Effect Snow

December 29, 2025
5:00 AM

Cold Front Passes Today With Lake Effect Snow Developing By This Evening

OVERVIEW

- Strong, gusty west-northwest winds expected Mon morning - Tue evening.
- Prolonged lake effect snow event develops this evening with heavy snow likely across Onondaga, Madison and Oneida Counties late tonight through Wednesday.
- Strong winds and heavy snow could cause near white out and Blizzard-like conditions at times.

TIMING

- Winds start to pick up by this afternoon.
- Strongest winds will occur from late tonight through Tuesday afternoon.
- Lake effect snow develops tonight and persists through Wednesday.

HAZARDS & IMPACTS

- Gusty winds could cause scattered power outages.
- Heavy lake effect will make travel difficult if not impossible in some areas.
- Heavy snow and strong winds, may cause Blizzard Conditions at times and significant drifting.

FORECAST CHALLENGES

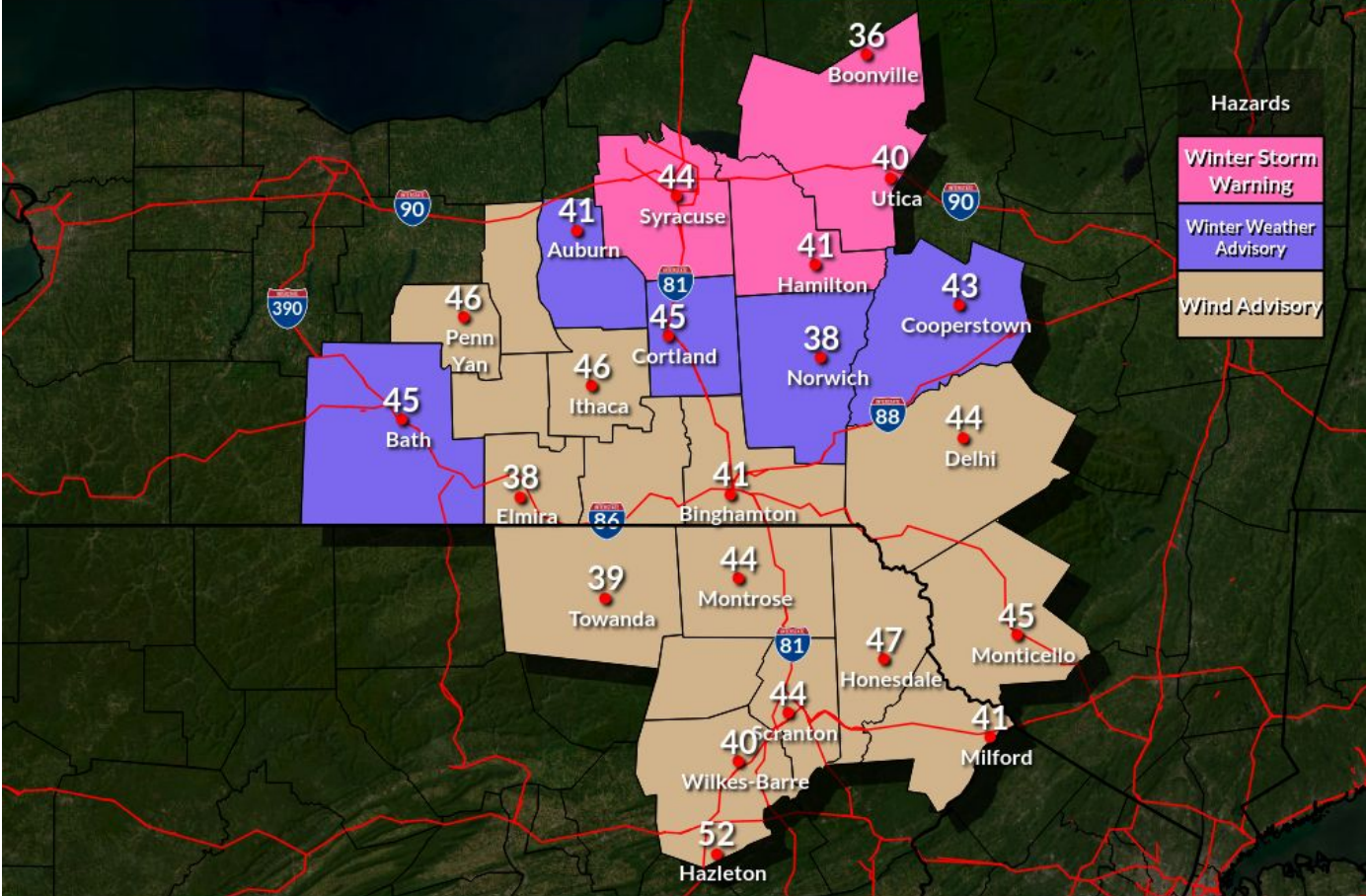
- High confidence for widespread wind gusts of 40 to 50 mph.
- High Confidence for heavy lake effect snow, but lower confidence on exact position and progression of heaviest lake effect snow bands.

NWS Alerts

- See Next Slide

Current Warnings and Advisories

Weather Forecast Office
Binghamton, NY
Issued Dec 29, 2025 4:16 AM EST



NWSBinghamton

weather.gov/bgm/

See Hazards Timeline on next slide



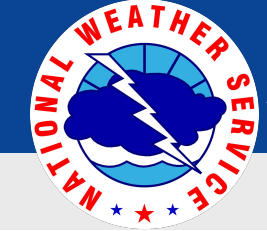
National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

MONITOR THE FORECAST FOR UPDATES:

<https://www.weather.gov/bgm/>

<https://www.weather.gov/bgm/winter>

National Weather Service
Binghamton, NY

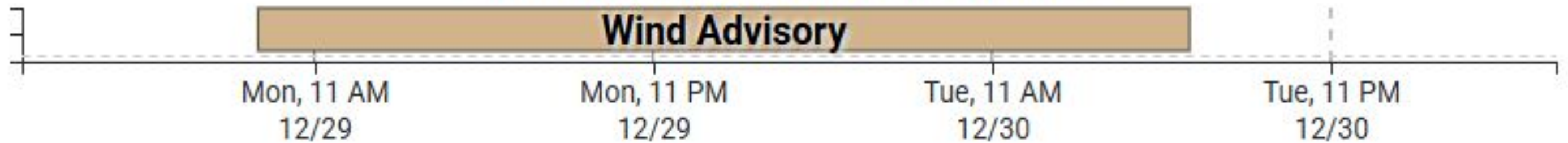


Advisories and Warnings Timeline

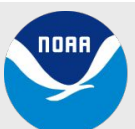
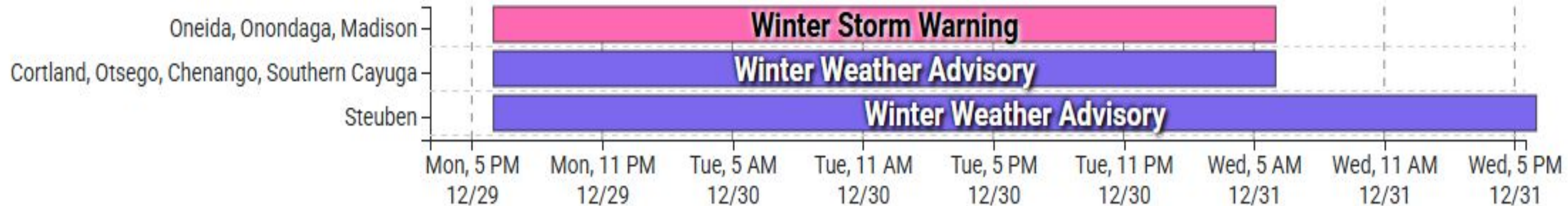
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Wind Advisory for the entire forecast area

Current Watches, Warnings, and Advisories



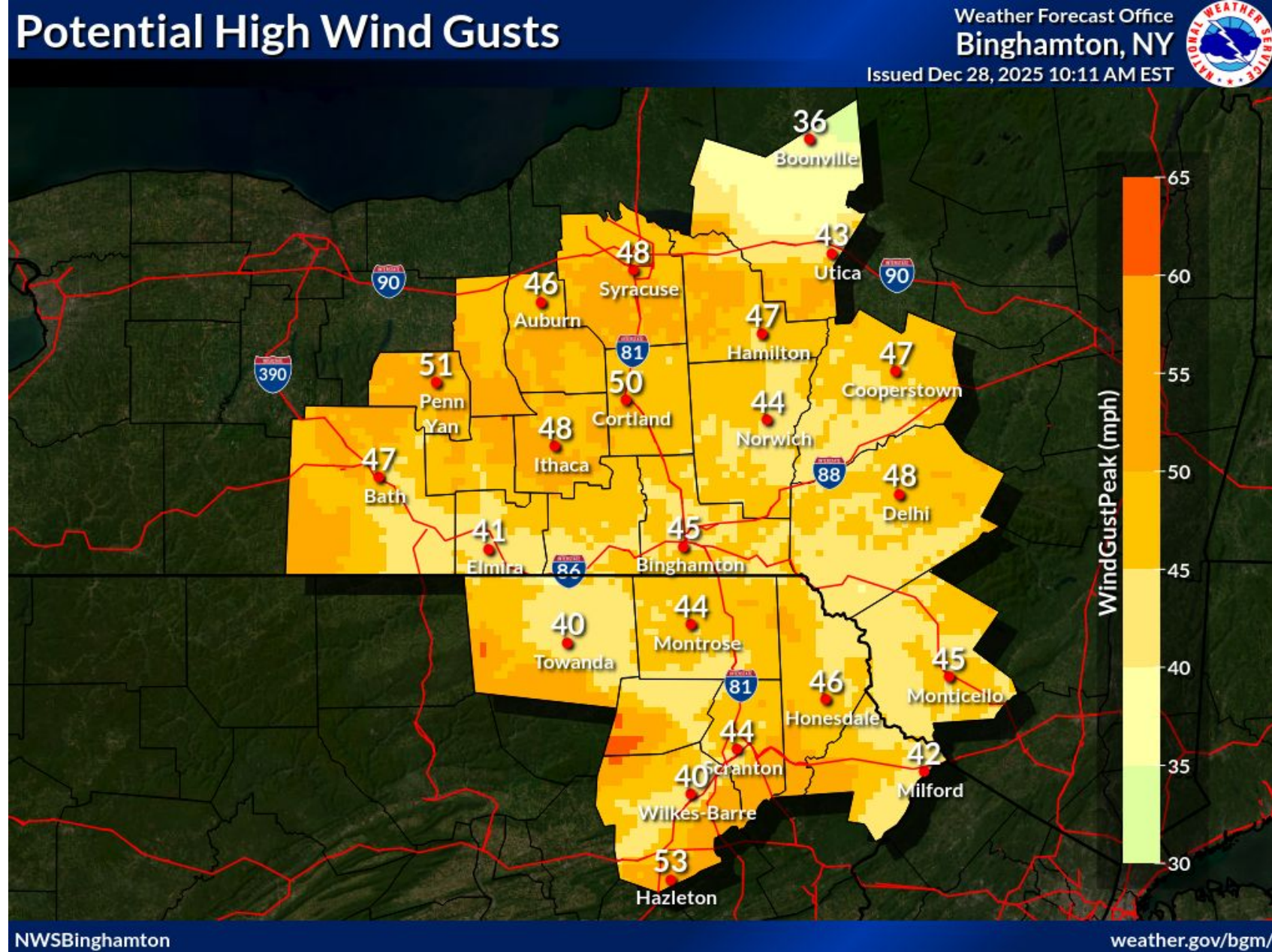
Current Watches, Warnings, and Advisories



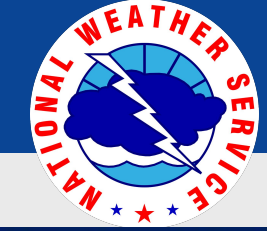


Strong Gusty Winds Possible Monday PM Into Tuesday

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- A strong low pressure system and associated cold front push through the area Monday afternoon
- It will turn much colder, with increasing SW winds initially, turning west-northwest Monday afternoon into Monday night
- Peak wind gusts could reach or exceed 50 MPH in parts of the area.
- Scattered power outages possible



Lake Effect Snow Potential Monday Evening - Thursday

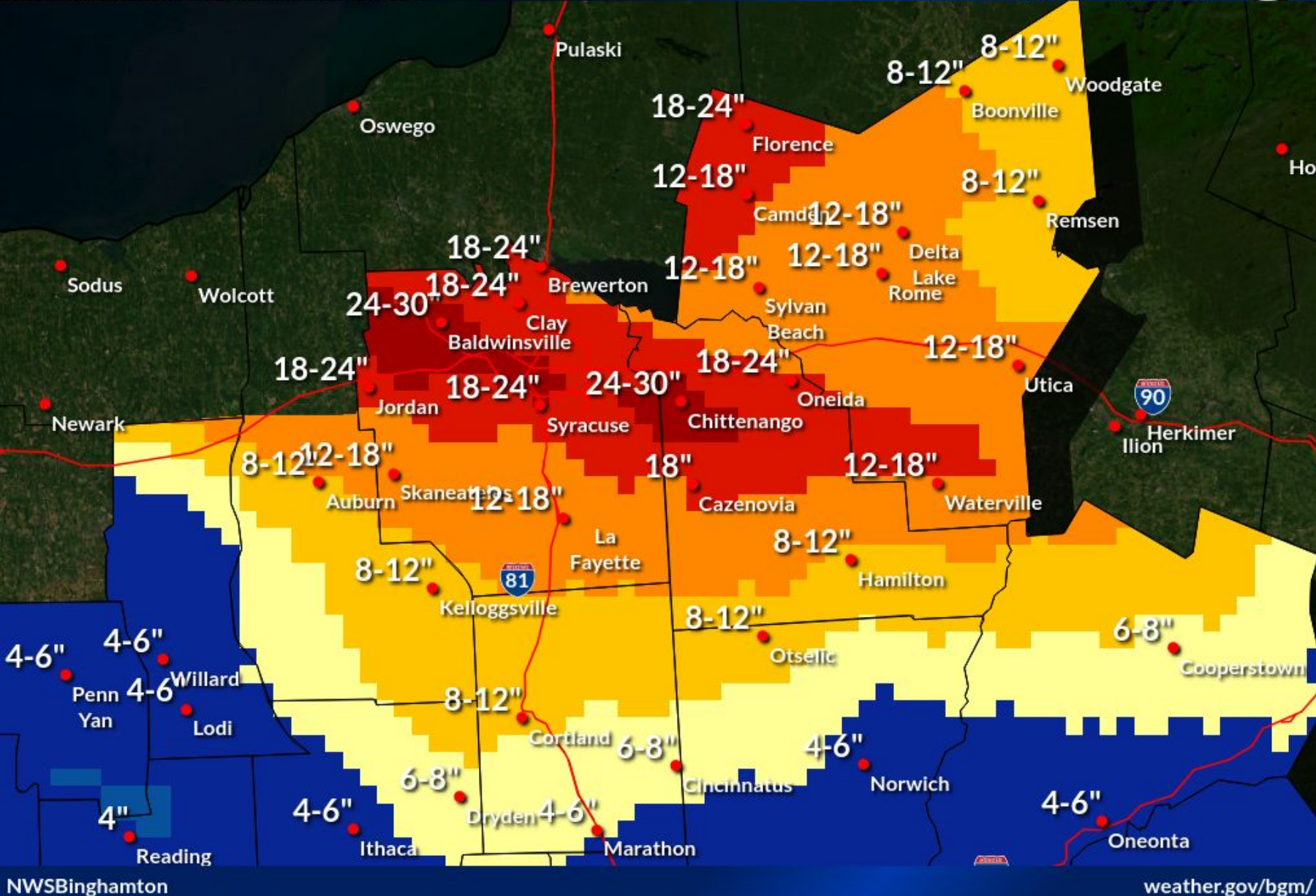
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Potential Lake Effect Snow Accumulations

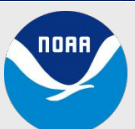
Monday night through Wednesday night

Weather Forecast Office
Binghamton, NY

Issued Dec 29, 2025 4:35 AM EST

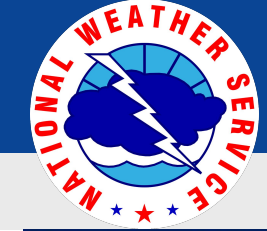


- A westerly flow over the Central Great Lakes and Lake Ontario will increase the chances for heavy lake effect snow in north central NY
- Snowfall potential map to the left. Exact placement of heavy snow band still uncertain
- Lake effect snow will occur from Monday evening to Thursday
- **Winter Storm Warning for Lake Effect Snow for Oneida, Madison, and Onondaga 7pm Counties Mon to 7am Wed**



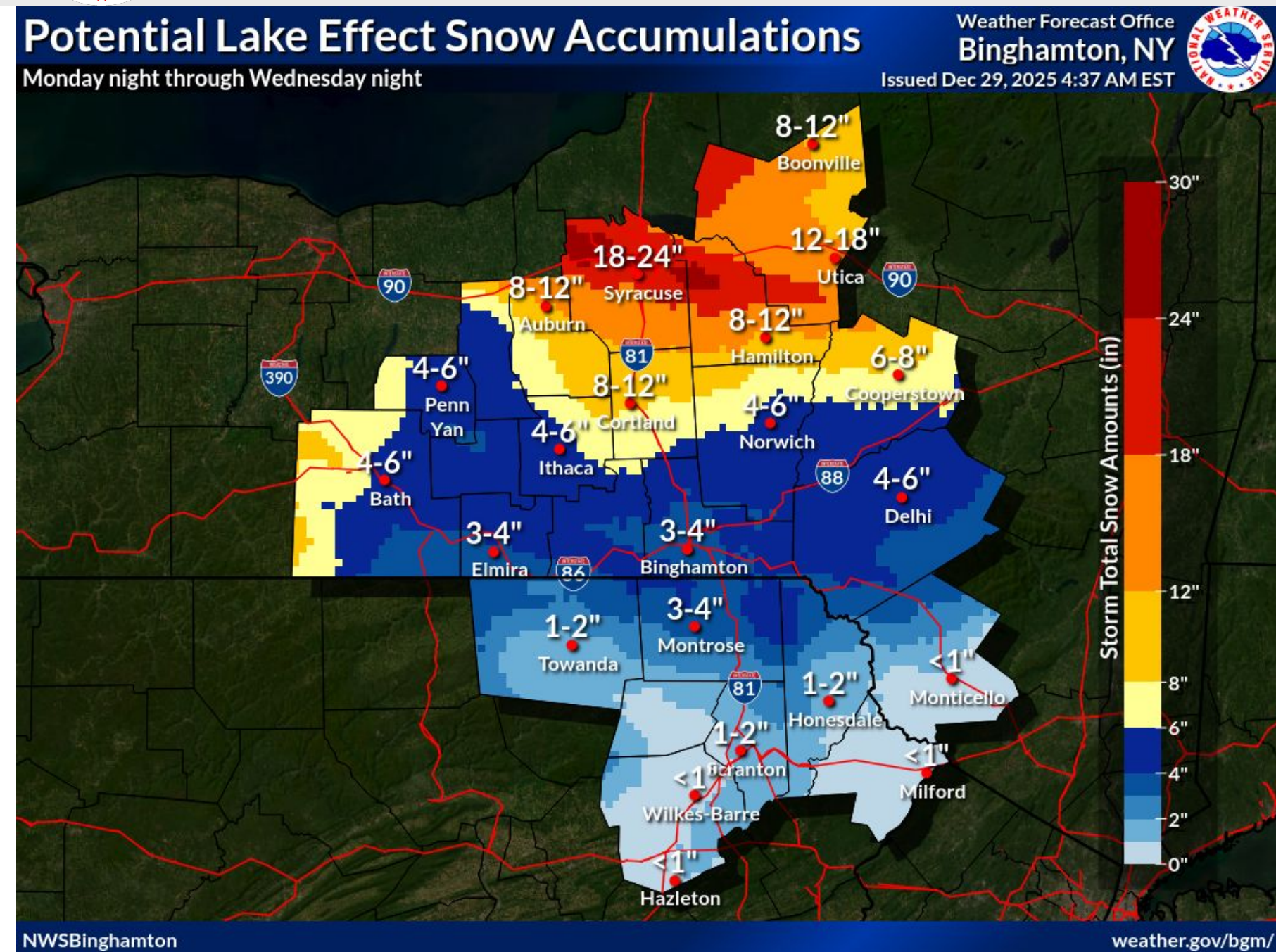
National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Binghamton, NY



Lake Effect Snow Potential Monday Evening - Thursday

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- Lake effect snow will impact most of the area through at least mid week.
- Note that these totals are from Monday night through Wednesday night.
- Due to the long duration, winter weather advisories have not been expanded further south at this time.
- A winter weather advisory has been posted for Steuben County Monday night through Wednesday night due to the likelihood of impacts from the Lake Erie snow band.

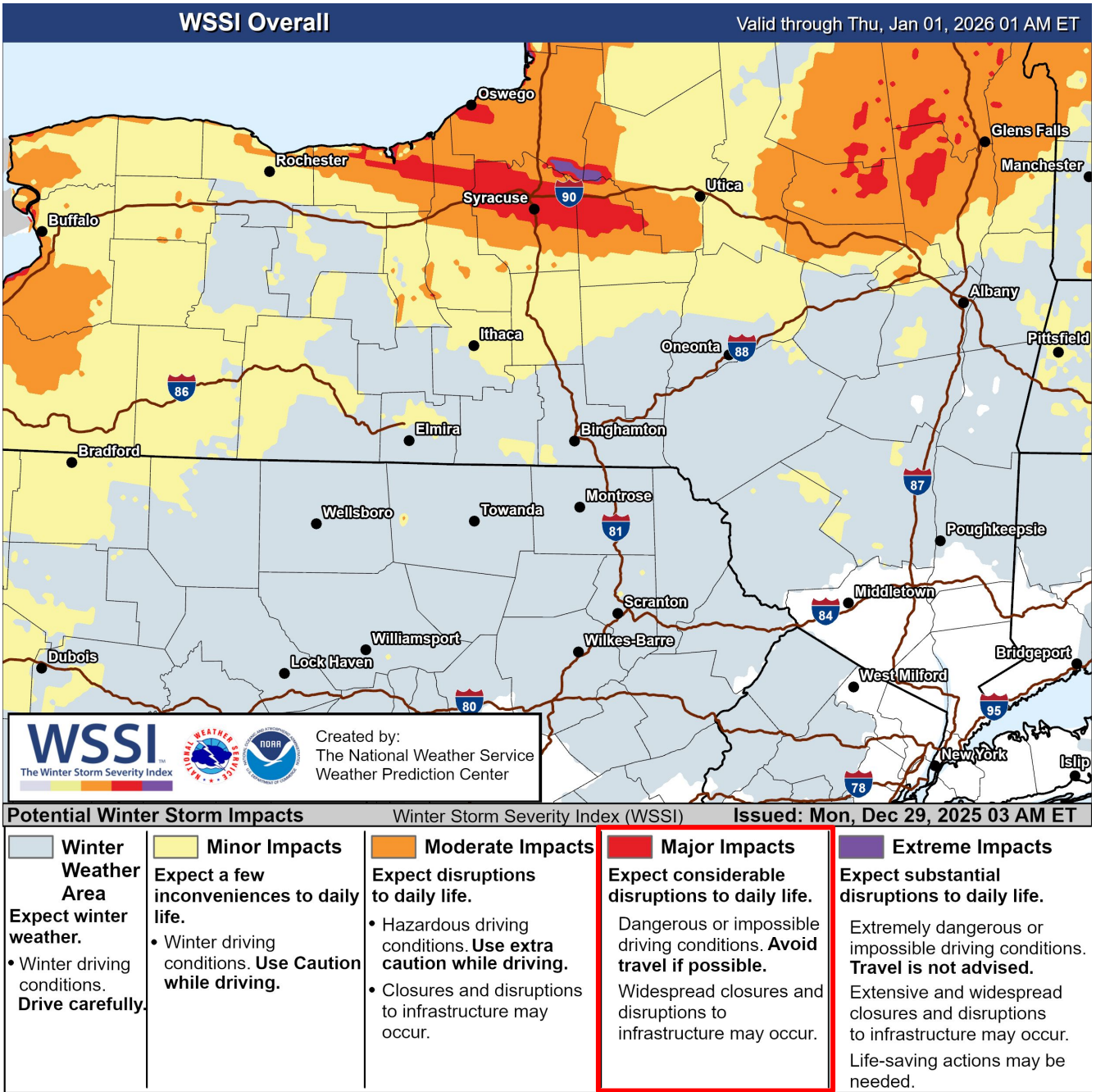




Overall Impacts

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Winter Storm Severity Index



- Moderate to Major impacts expected across the Syracuse I90 Corridor.
- Snowfall amount and blowing snow are the main combining factors.
- Snow load will be minor to possibly moderate depending on snowfall amounts. This is due to the snow being dry and fluffy with snow to liquid ratios near 20:1, thus the weight/load will not be as impactful.





Contact and Next Briefing Information

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Self-Brief Page

→ <https://www.weather.gov/bgm/briefingMain>



Next Briefing

→ 4 pm this afternoon

Disclaimer

- Information contained in this briefing is time-sensitive
- Do Not Use After 5:00 PM Mon, December 29th.



Contact Information

Web

→ www.weather.gov/bgm

Phone

→ (607) 729-1597

Email

→ bgm.stormreport@noaa.gov

Facebook

→ <https://www.facebook.com/NWSBinghamton/>

X

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