

Dangerous Wind Chills & Lake Effect Snow

Decision Support Briefing # 5
As of: 3:30 PM January 31, 2019

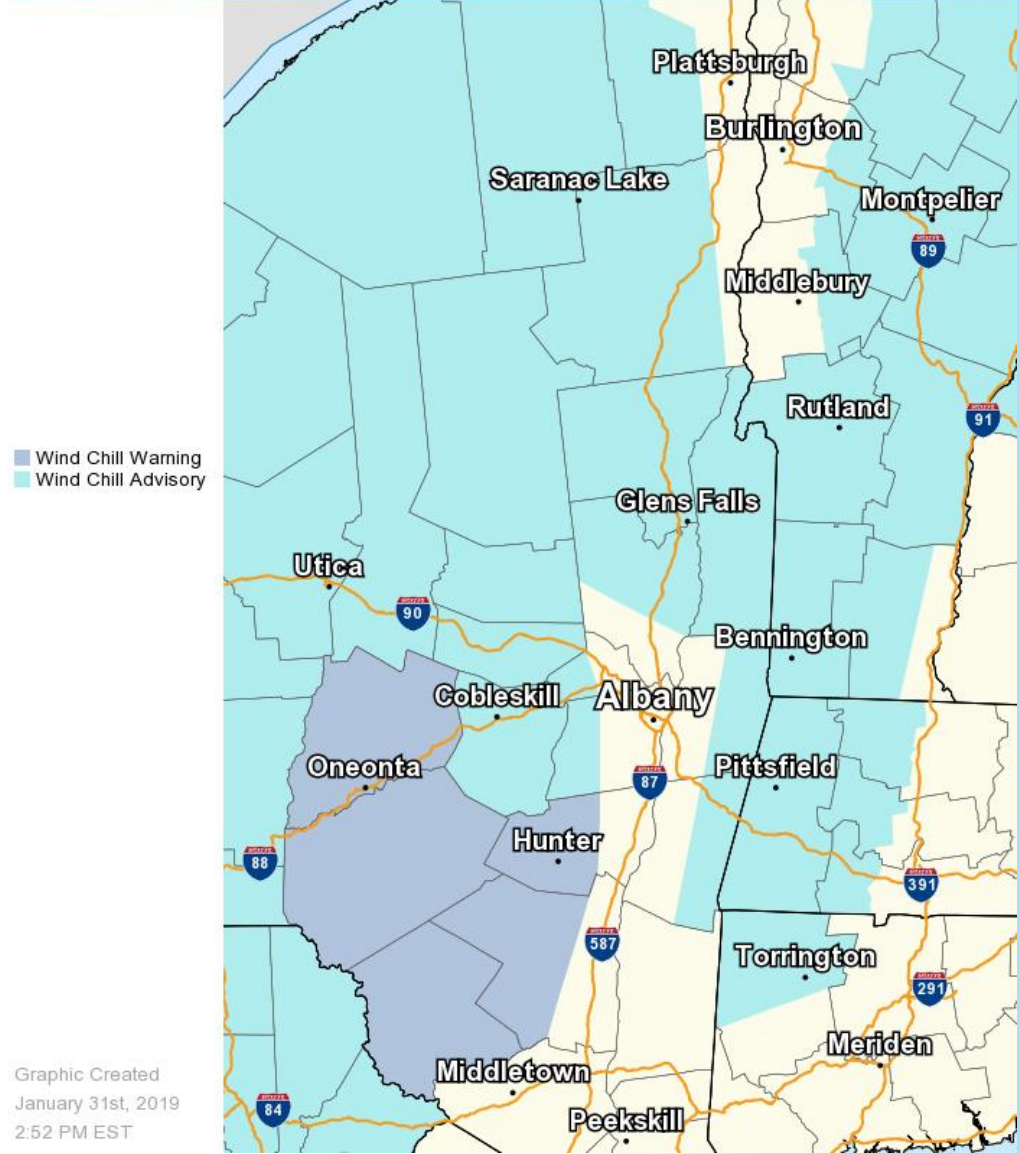


What Has Changed?




- ✓ Wind Chill Warnings and Advisories now in effect through Friday morning for much of the area

Excessive Cold

National Weather Service



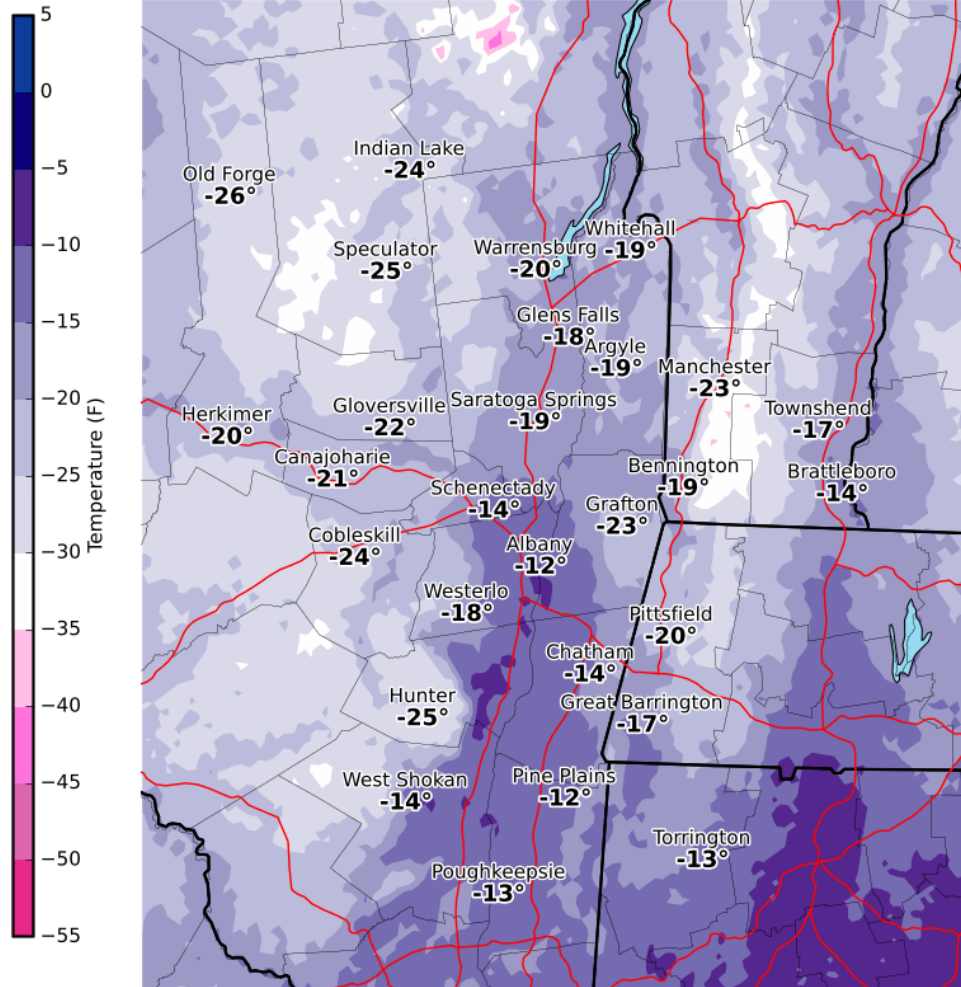
Main Points

Hazard	Impacts	Location	Timing
Life-threatening Wind Chills 	Frostbite can occur quickly and even hypothermia or death if precautions are not taken	Eastern Catskills	through Friday morning
Dangerous Wind Chills 	Frostbite and hypothermia can occur if precautions are not taken	Southern Adirondacks, Lake George Saratoga region, Mohawk Valley, Schoharie Valley, northern/central Taconics, Berkshires, Litchfield Hills & most of southern Vermont	through Friday morning
Lake Effect Snow 	Difficult travel due to snow covered roadways and poor visibilities	Western Adirondacks north of Route 28	through Tonight



Coldest Wind Chills

Valid: Through Friday Morning



Timing & Impacts:

- ✓ Dangerous wind chills through Friday morning
- ✓ Frostbite and hypothermia can occur if precautions are not taken

National Weather Service
Albany, New York

01/31/2019 02:53 PM EST

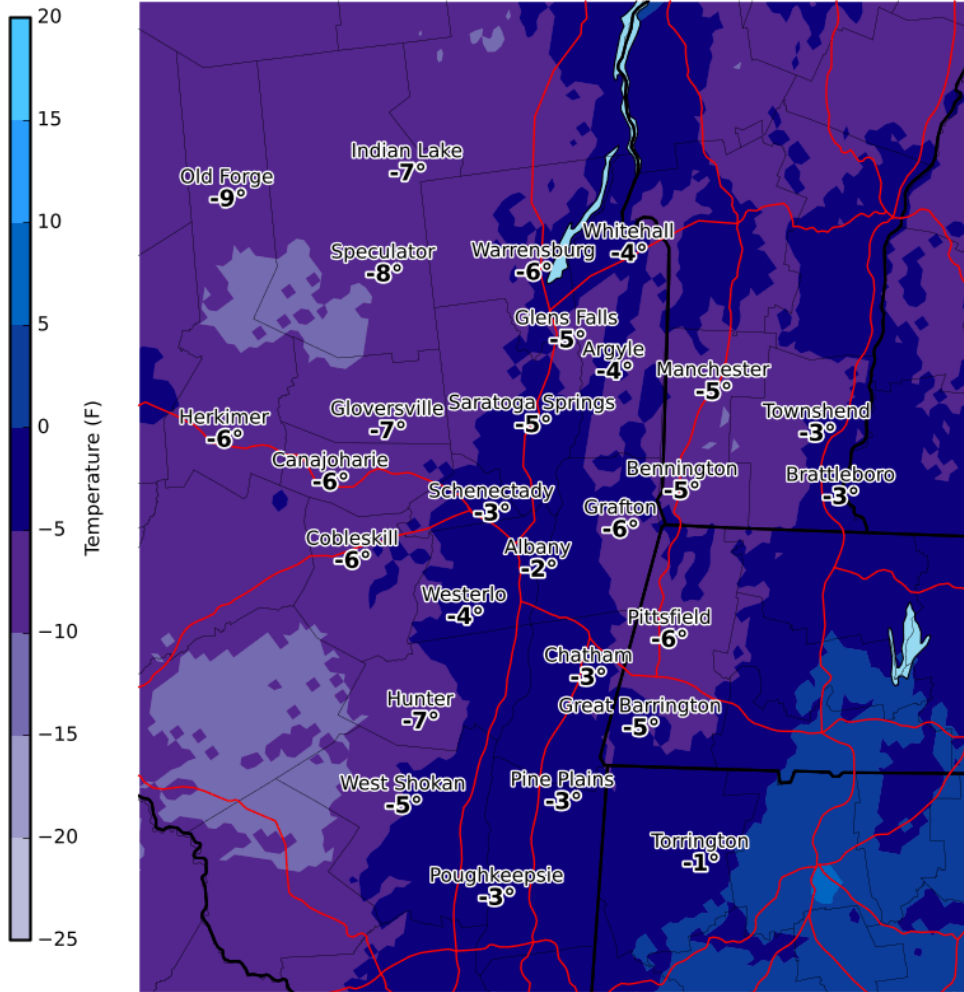
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weather.gov/Albany

Lows

Valid: Tonight



Excessive Cold

National Weather Service

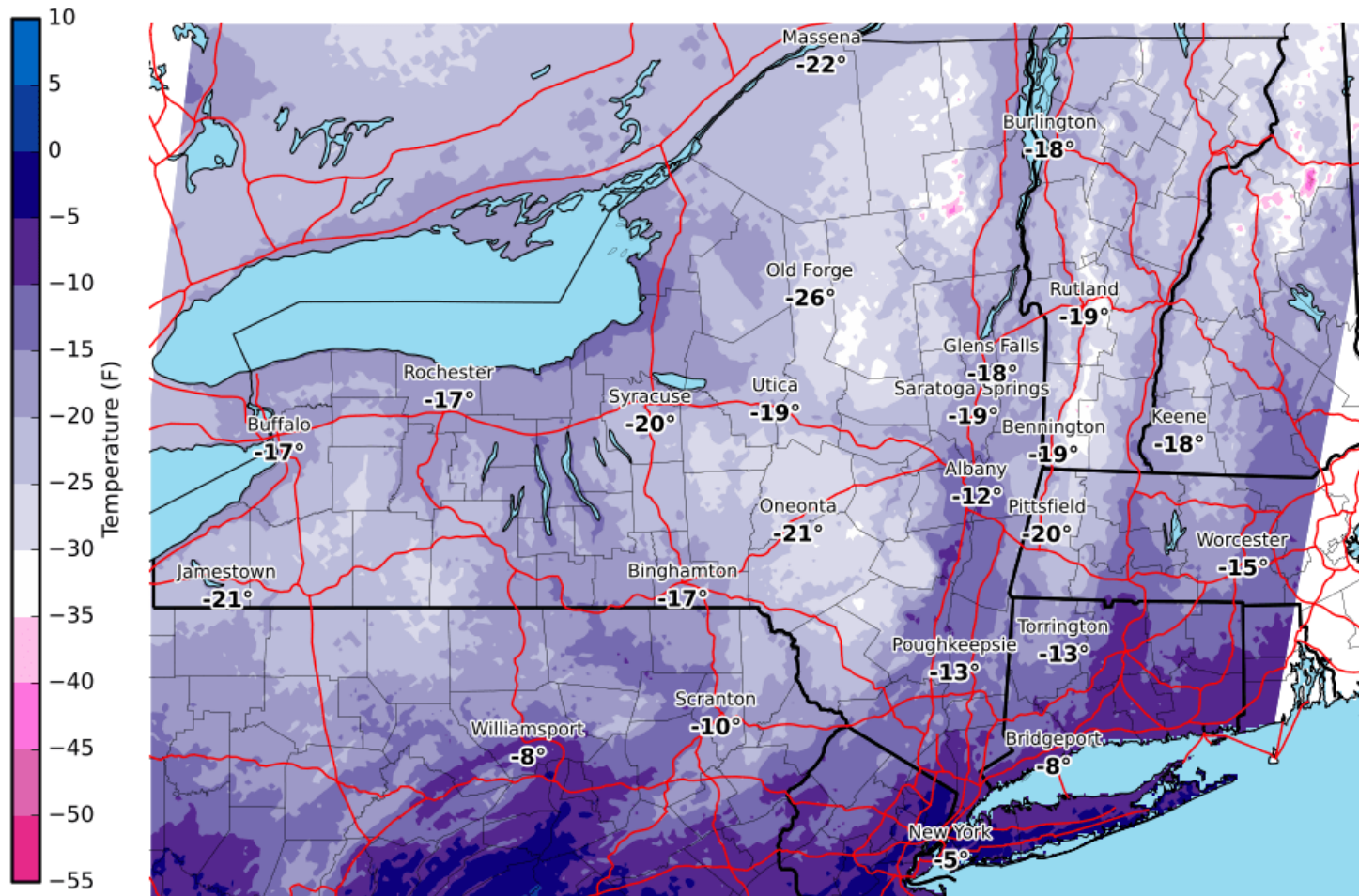
- Wind Chill Warning
- Wind Chill Advisory



Graphic Created
January 31st, 2019
2:51 PM EST

Coldest Wind Chills

Valid: Through Friday Morning

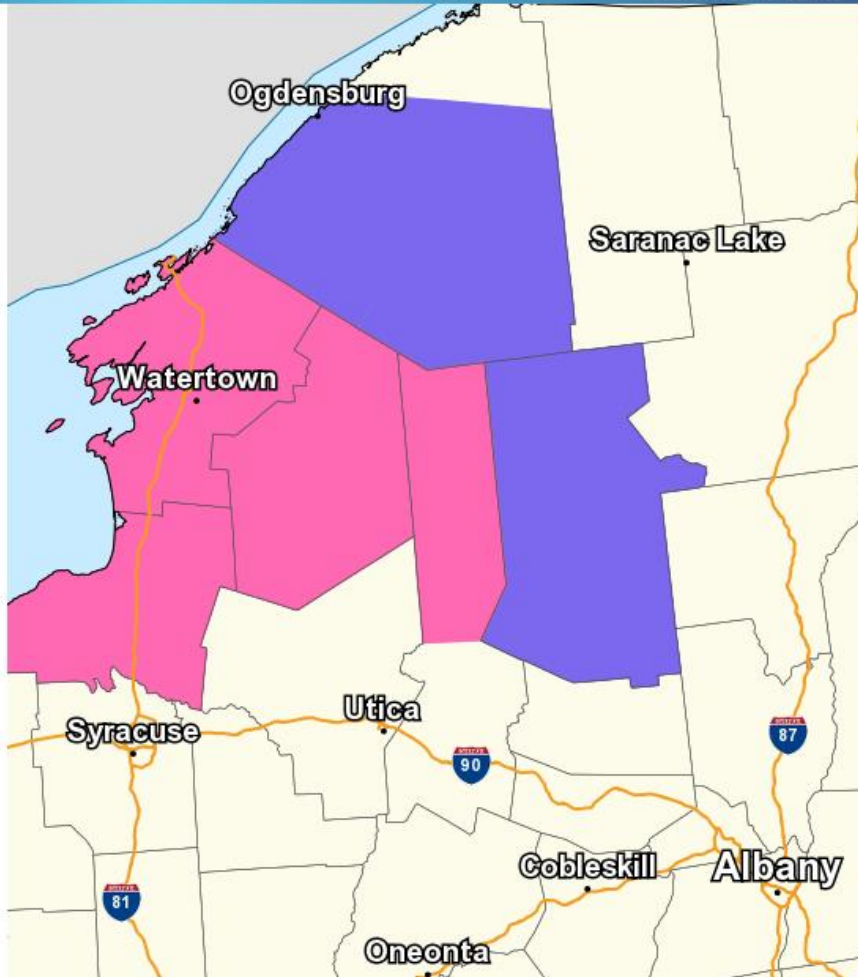


National Weather Service
Albany, New York
 01/31/2019 02:55 PM EST

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Winter Watches Warnings and Advisories

National Weather Service



Graphic Created
January 31st, 2019
1:06 PM EST

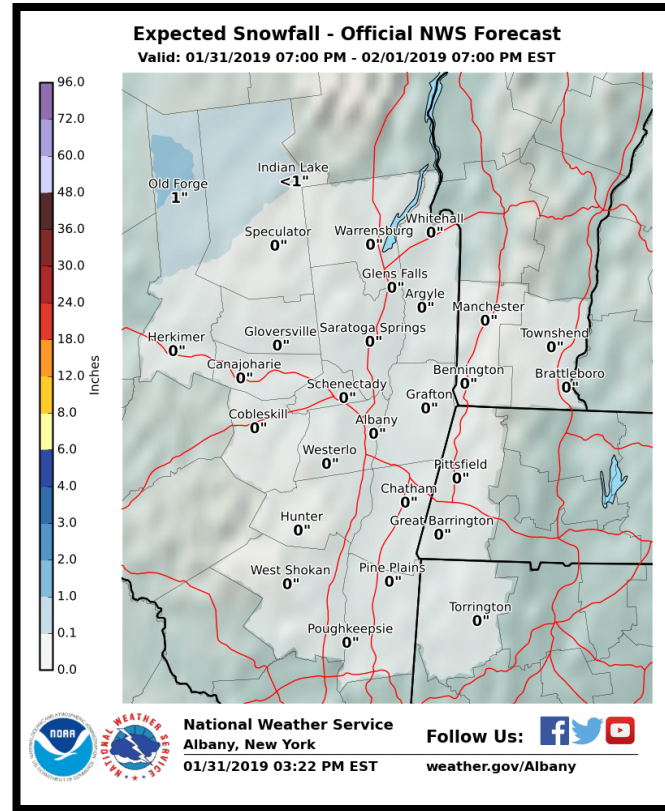
Winter Storm Warnings & Winter Weather Advisories for Lake-Effect Snow

www.weather.gov/aly/winter



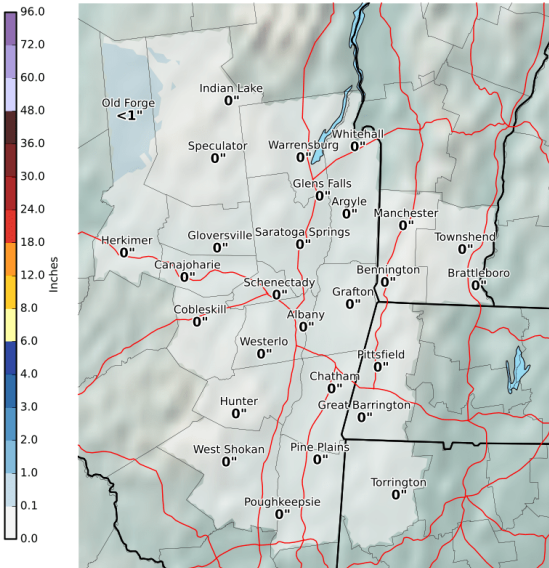
Probabilistic Snowfall Forecast – Additional Snow

Expected Snowfall



Low End Amount

Low End Amount - 9 in 10 Chance (90%) Of Higher Snowfall
Valid: 01/31/2019 07:00 PM - 02/01/2019 07:00 PM EST

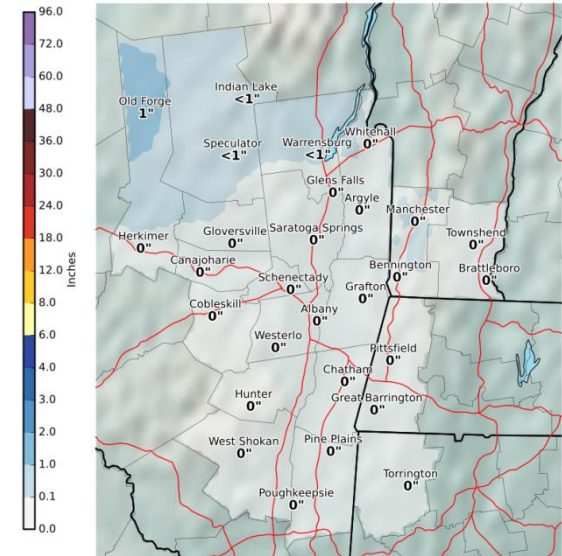


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High End Amount

High End Amount - 1 in 10 Chance (10%) Of Higher Snowfall
Valid: 01/31/2019 07:00 PM - 02/01/2019 07:00 PM EST



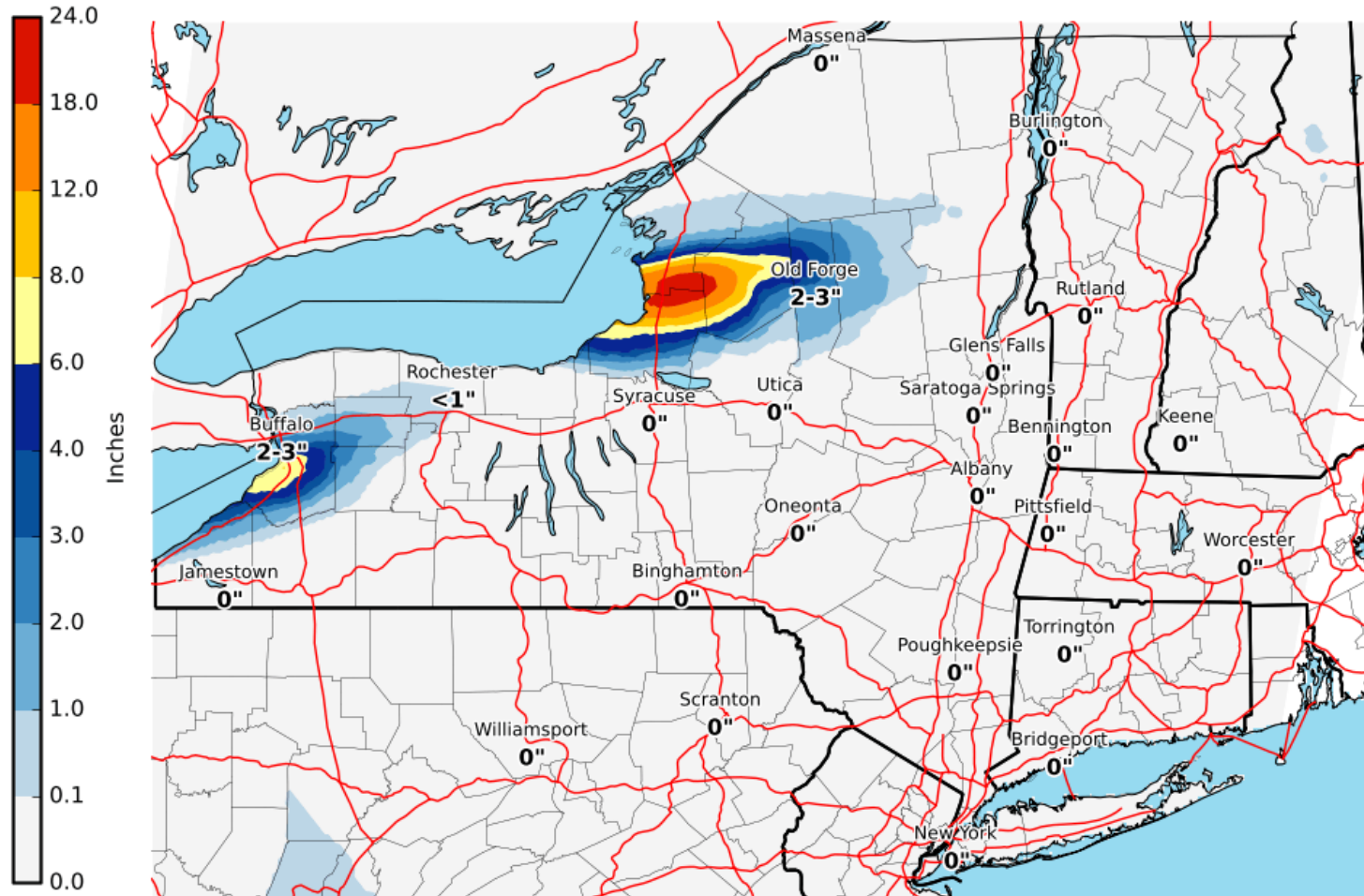
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Additional Snowfall Expected

Valid: Through Tonight



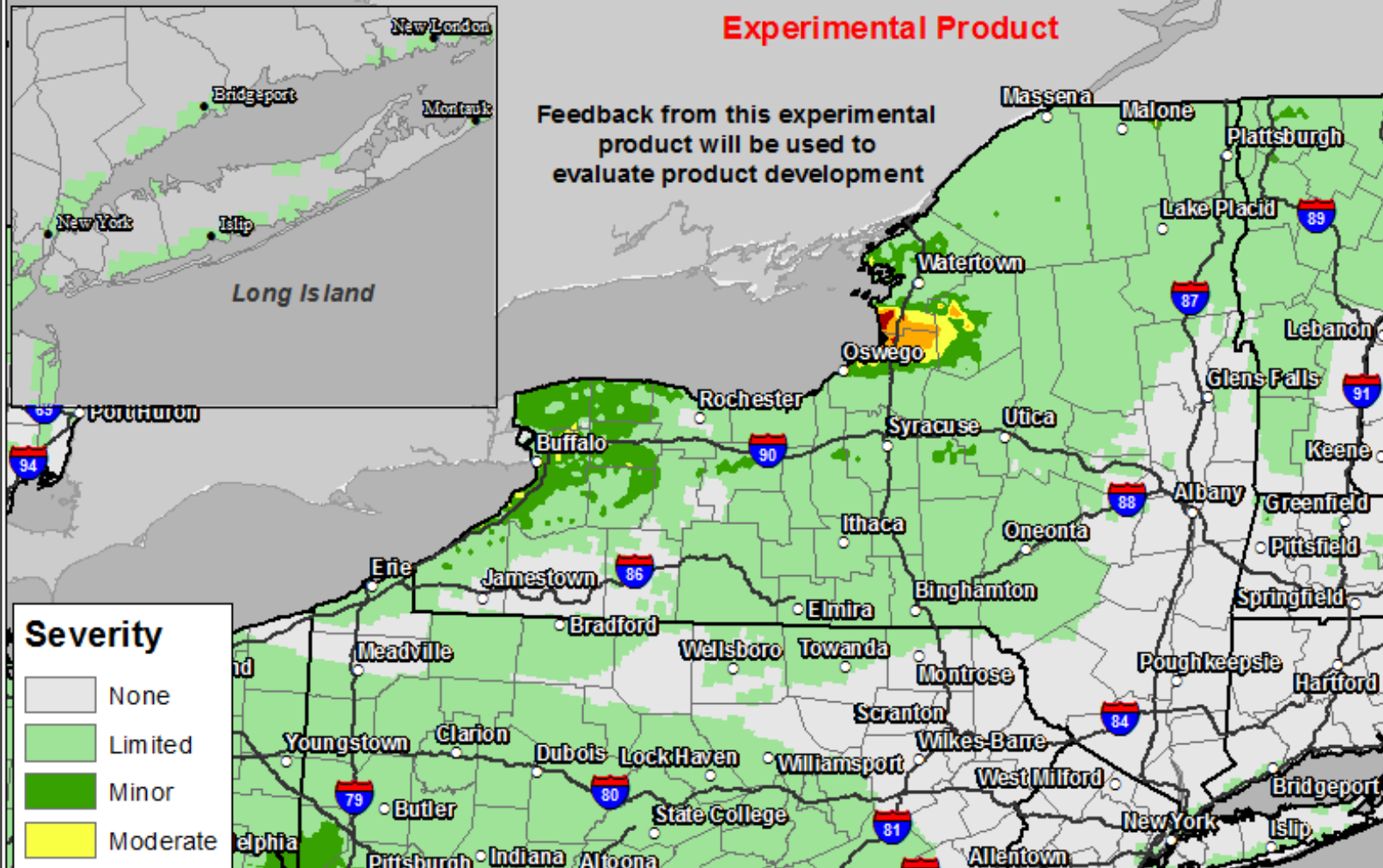
National Weather Service
Albany, New York
01/31/2019 02:58 PM EST

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Winter Storm Severity Index - Valid Through February 02, 2019 7:00 PM ET

Experimental Product

Feedback from this experimental product will be used to evaluate product development



Severity

- None
- Limited
- Minor
- Moderate
- Major
- Extreme

Created by the
National Weather Service
Weather Prediction Center

Thursday, January 31, 2019
12 PM ET



Event Summary

Dangerous Wind Chills & Lake Effect Snow...

- ✓ Period of greatest impact
 - ✓ Dangerous Wind Chills: Through Friday Morning
 - ✓ Lake Effect Snow: Through This Evening



Dangerous wind chills
Increased risk for frostbite & hypothermia

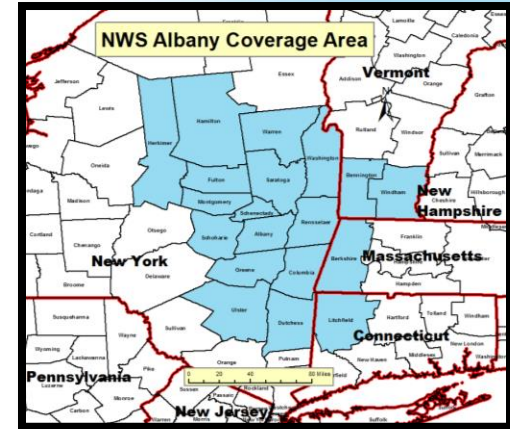


Lake effect snow impacting portions of the western Adirondacks
Difficult travel due to snow covered roadways and poor visibilities

Contact and Next Briefing Information



Next Briefing
*When: By 6 AM on Friday,
February 1, 2019*
Method: E-mail



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<http://weather.gov/aly>



E-mail:
Alb.stormreport@noaa.gov



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Disclaimer: *The information contained within this briefing is time-sensitive, do not use after 6 AM Friday, February 1, 2019*