

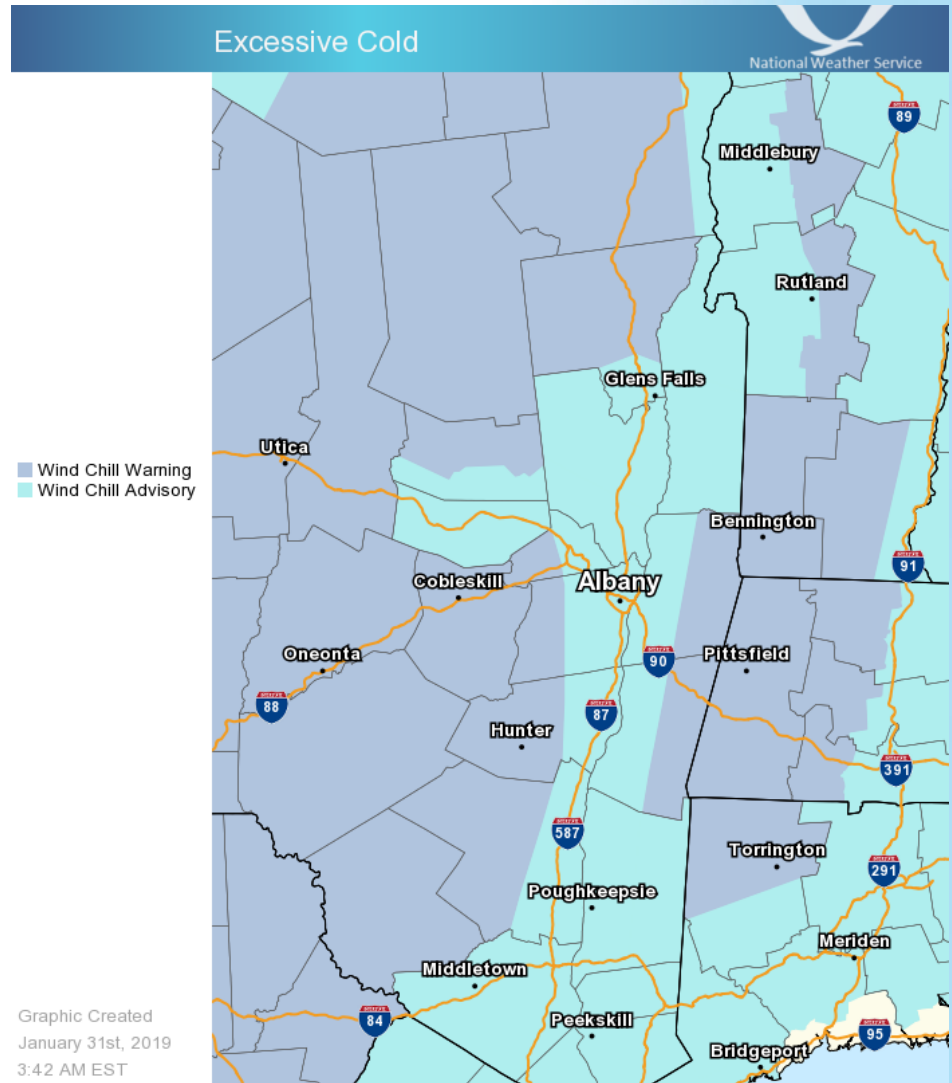
Bitter Cold/Dangerously Low Wind Chills & Lake Effect Snow

Decision Support Briefing # 4
As of: 400 AM January 31, 2019






What Has Changed?

✓ *No changes at this time.*

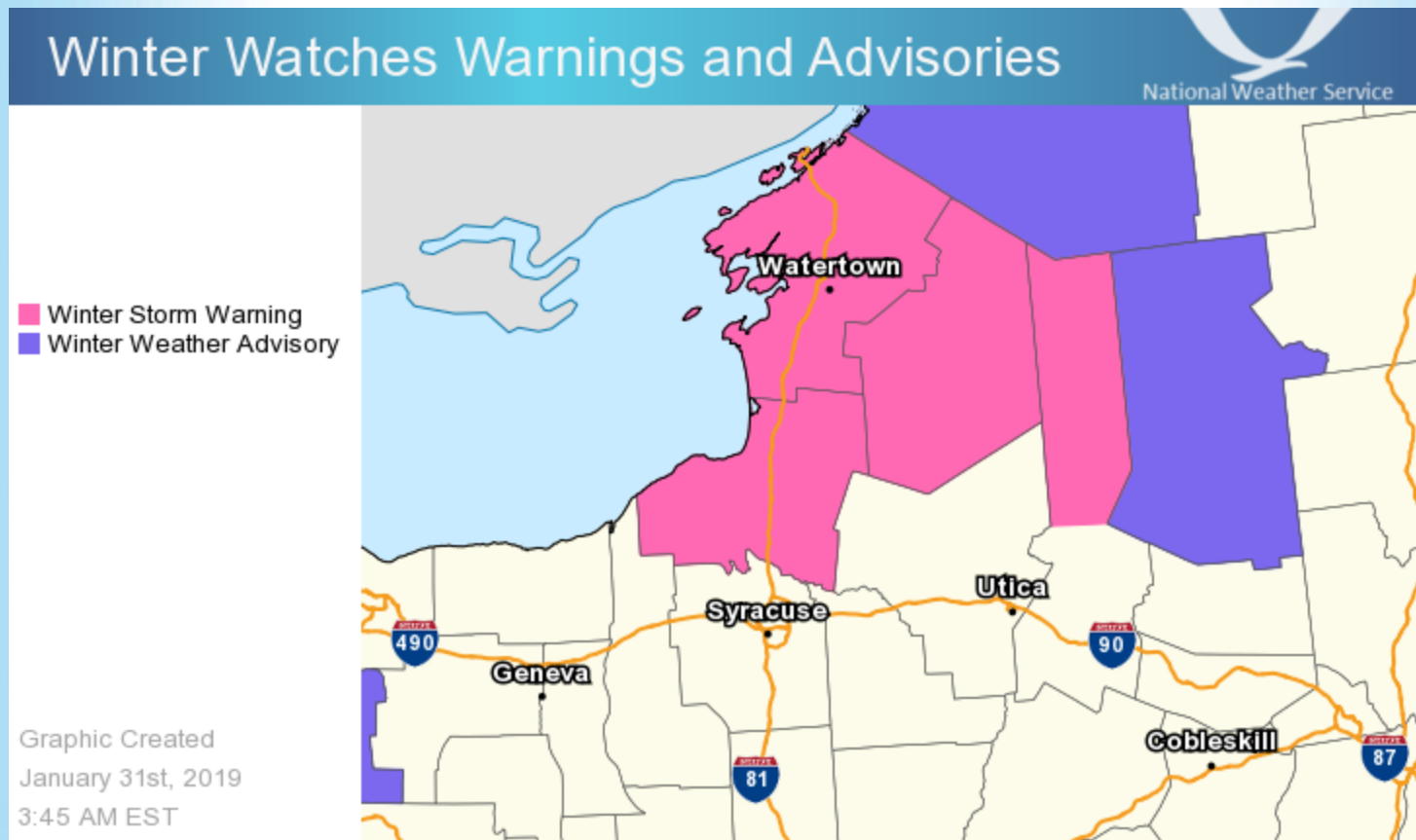


Main Points

Hazard	Impacts	Location	Timing
Lake Effect Snow 	Up to 8 additional inches across Northern Herkimer County and around 4 inches across northwestern Hamilton County will lead to snow covered roadways and poor visibility.	Western Adirondacks	Today through Tonight
Bitter Cold & Dangerously Low Wind Chill Values 	Increased Risk for Frostbite & Hypothermia due to dangerously low wind chill values (as low as 20 to 35 below zero).	All of eastern New York and western New England	Through this morning
Bitter Cold & Dangerously Low Wind Chill Values 	Increased Risk for Frostbite & Hypothermia due to dangerously low wind chill values (as low as 15 to 30 below zero).	Higher Elevations of eastern NY & western New England	Tonight through Friday Morning



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



www.weather.gov/aly/winter

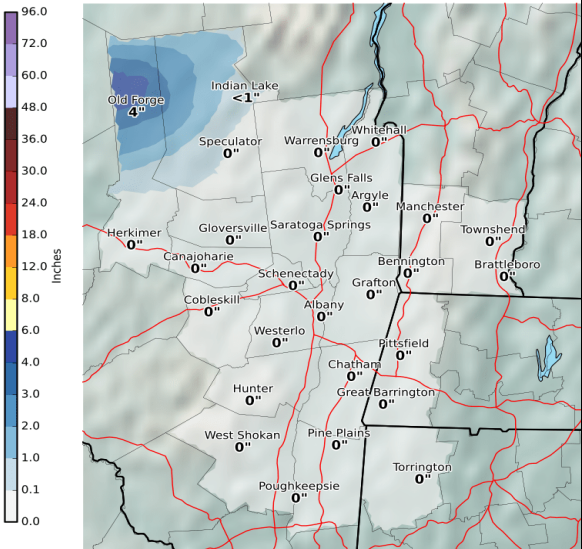


Probabilistic Snowfall Forecast – Additional Snow

Expected Snowfall

Low End Amount

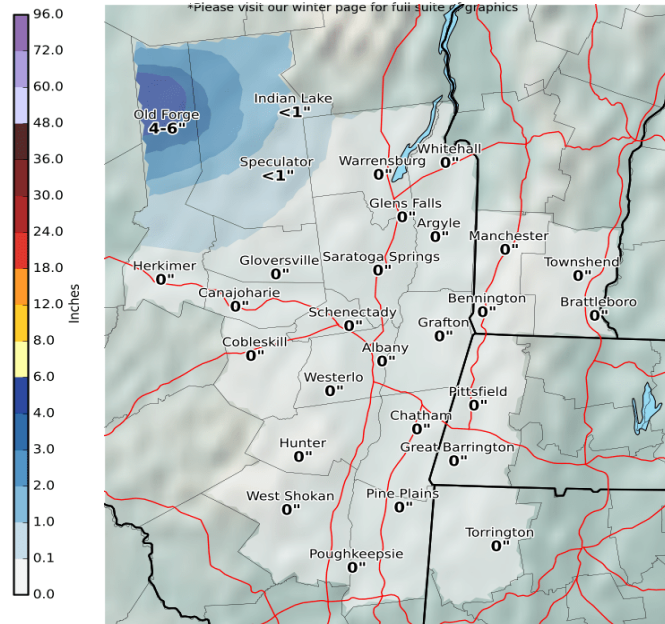
Low End Amount - 9 in 10 Chance (90%) Of Higher Snowfall Valid: 01/31/2019 07:00 AM - 02/01/2019 07:00 AM EST



National Weather Service
Albany, New York
01/31/2019 02:48 AM EST
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weather.gov/Albany/winter

Expected Snowfall - Official NWS Forecast

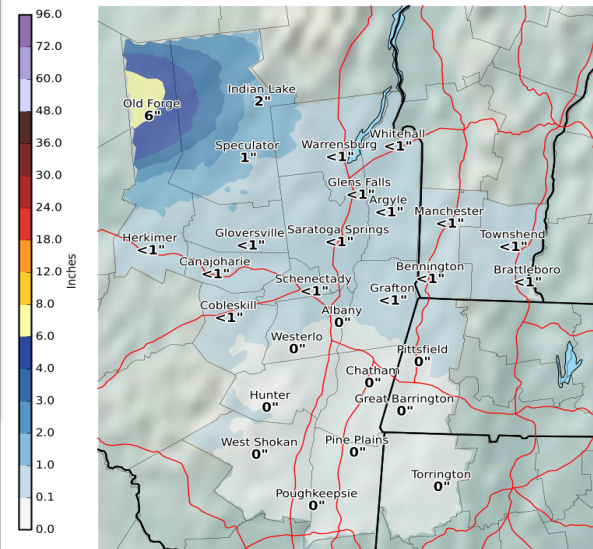
Valid: 01/31/2019 07:00 AM - 02/01/2019 07:00 AM EST



National Weather Service
Albany, New York
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High End Amount

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



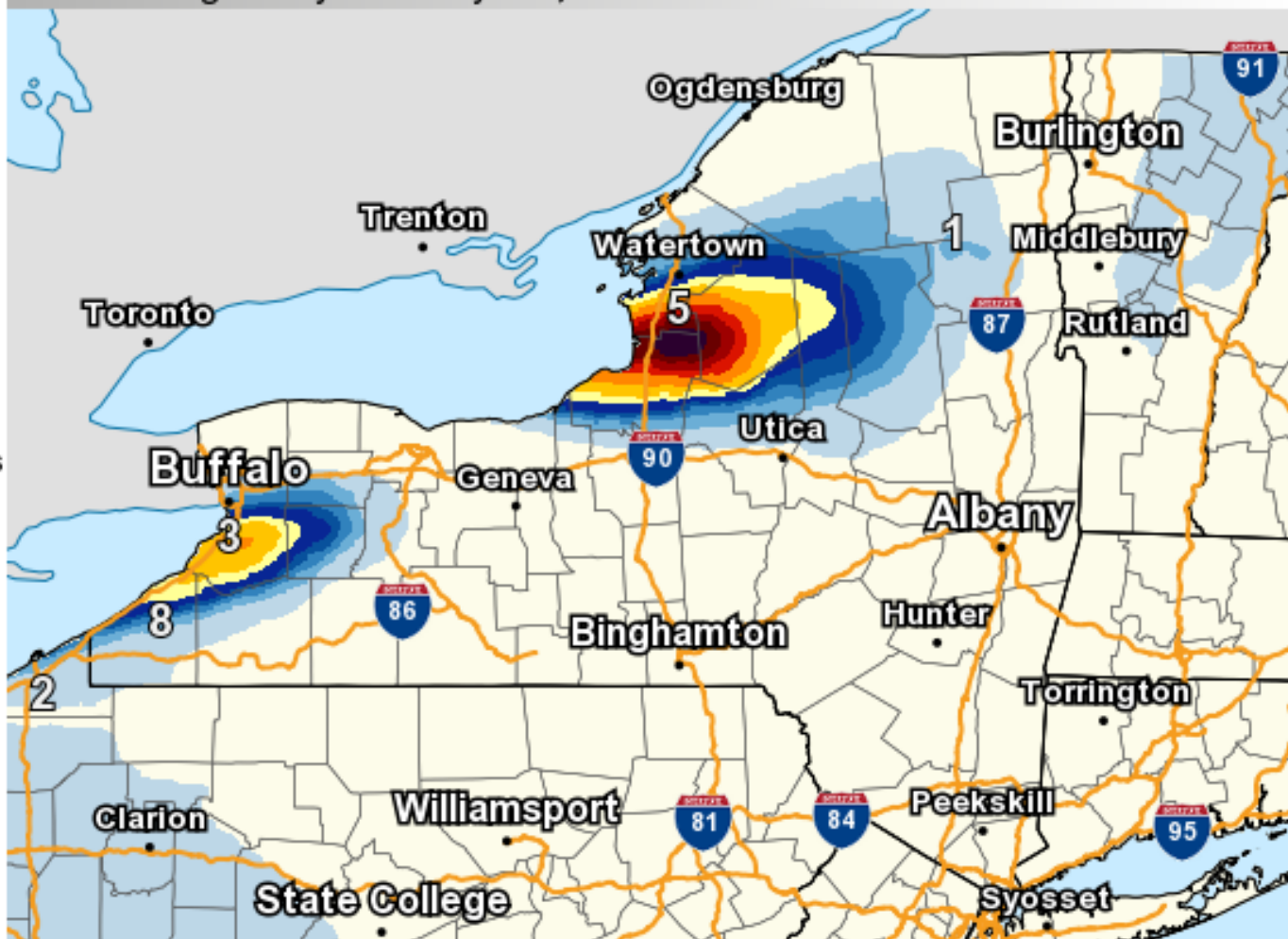
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Forecast Snowfall

National Weather Service

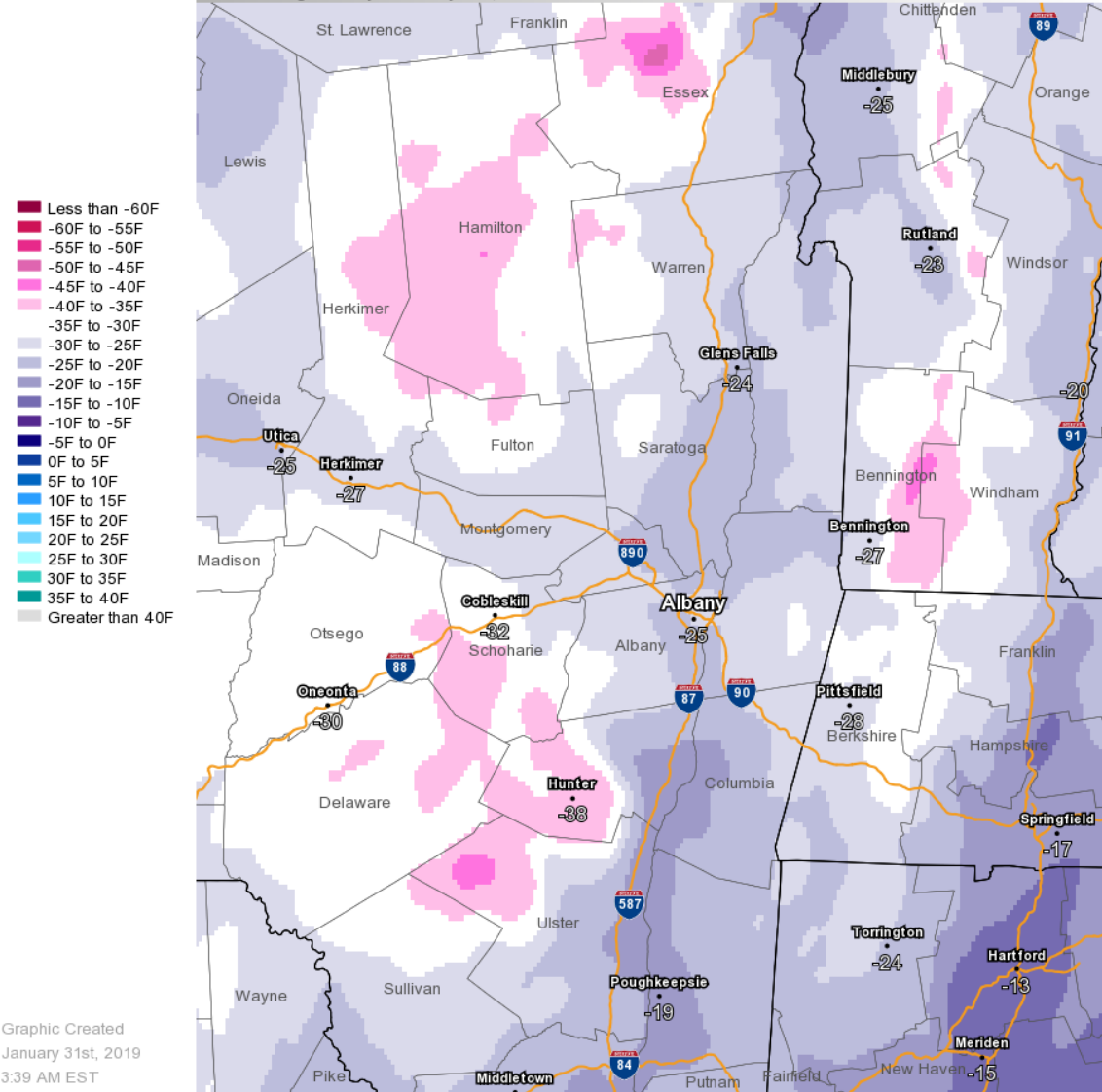
Valid Ending Friday February 1st, 2019 at 7 AM EST



Graphic Created
January 31st, 2019
3:50 AM EST

Coldest Wind Chill

Valid Ending Sunday February 3rd, 2019 at 1 AM EST



Impacts and Timing:

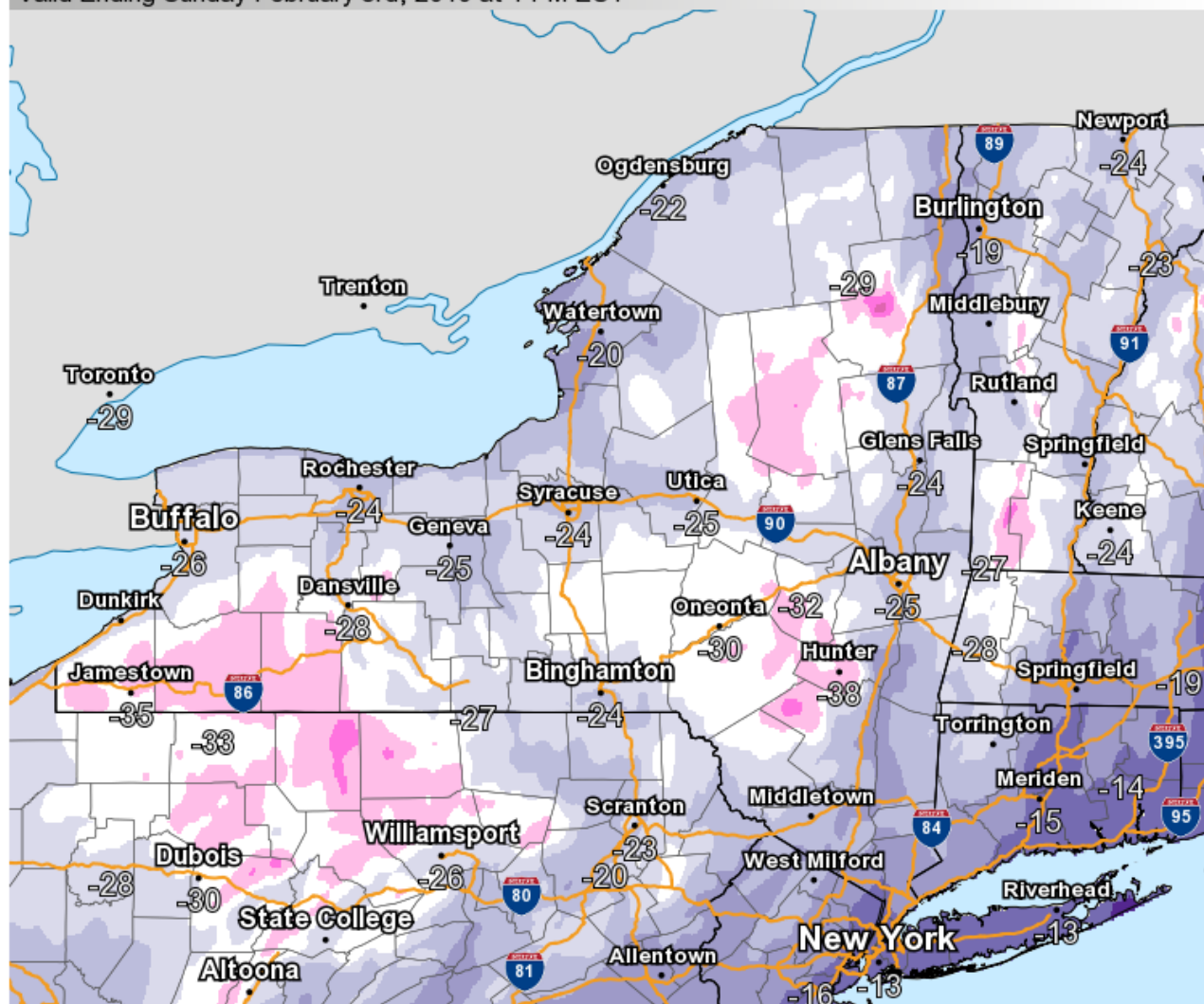
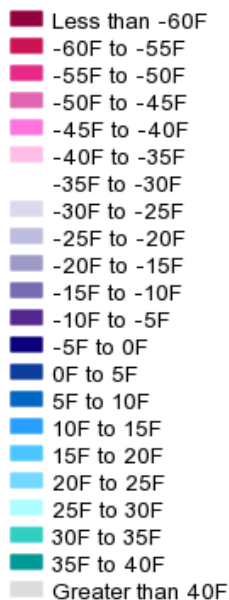
- ✓ Wind Chills will reach dangerously low values through this morning & again tonight for the higher elevations
- ✓ These dangerously low chill values will allow for frostbite on exposed skin in as little as 10 to 30 minutes.

Graphic Created
January 31st, 2019
3:39 AM EST

Coldest Wind Chill

National Weather Service

Valid Ending Sunday February 3rd, 2019 at 1 PM EST



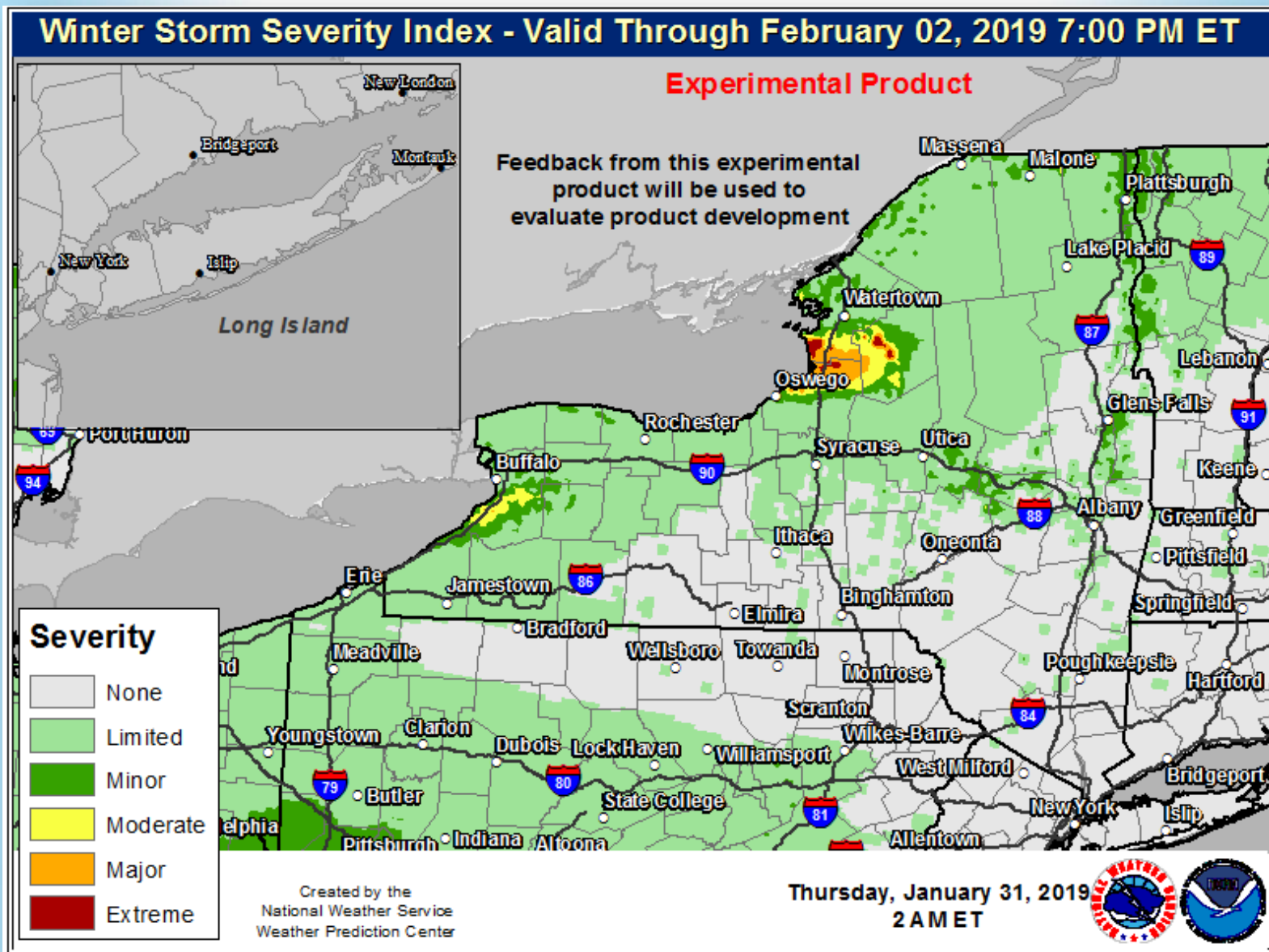
Graphic Created
January 31st, 2019
3:40 AM EST

Excessive Cold

National Weather Service



Graphic Created
January 31st, 2019
3:54 AM EST



Event Summary

Dangerously Low Wind Chills & Lake Effect Snow....

- ✓ Confidence is **HIGH** that these events will occur and **HIGH** on expected impacts
- ✓ Period of greatest impact
 - ✓ Lake Effect Snow: Today into This Evening
 - ✓ Dangerously Low Wind Chills Values: Through mid-morning & again tonight for the higher elevations



Heavy lake effect snow will impact the western Adirondacks through tonight. Snow covered roadways & low visibility are expected.



Bitter cold temperatures & gusty winds will result in dangerously low wind chill values through this morning & again tonight for the higher elevations. There is an increased risk for frostbite & hypothermia for anyone spending an extended period of time outdoors.

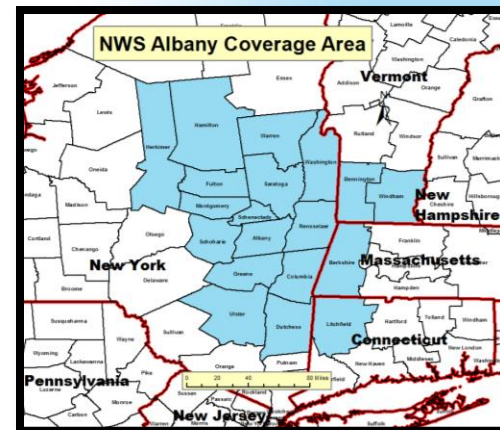
Contact and Next Briefing Information



Next Briefing

When: By 6 PM on Thursday,
January 31, 2019

Method: E-mail



Web:

<http://weather.gov/aly>



E-mail:

Alb.stormreport@noaa.gov



Facebook:

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Disclaimer: The information contained within this briefing
is time-sensitive, do not use after 6 PM Thursday, January 31, 2019

