

Bitter Cold/Dangerously Low Wind Chills & Lake Effect Snow

Decision Support Briefing # 3
As of: 445 PM January 30, 2019






What Has Changed?

- ✓ Wind Chill Warning expanded to Litchfield Hills, western Mohawk Valley, northern Fulton & northern Warren counties, Helderbergs and the northern and central Taconics.



Main Points

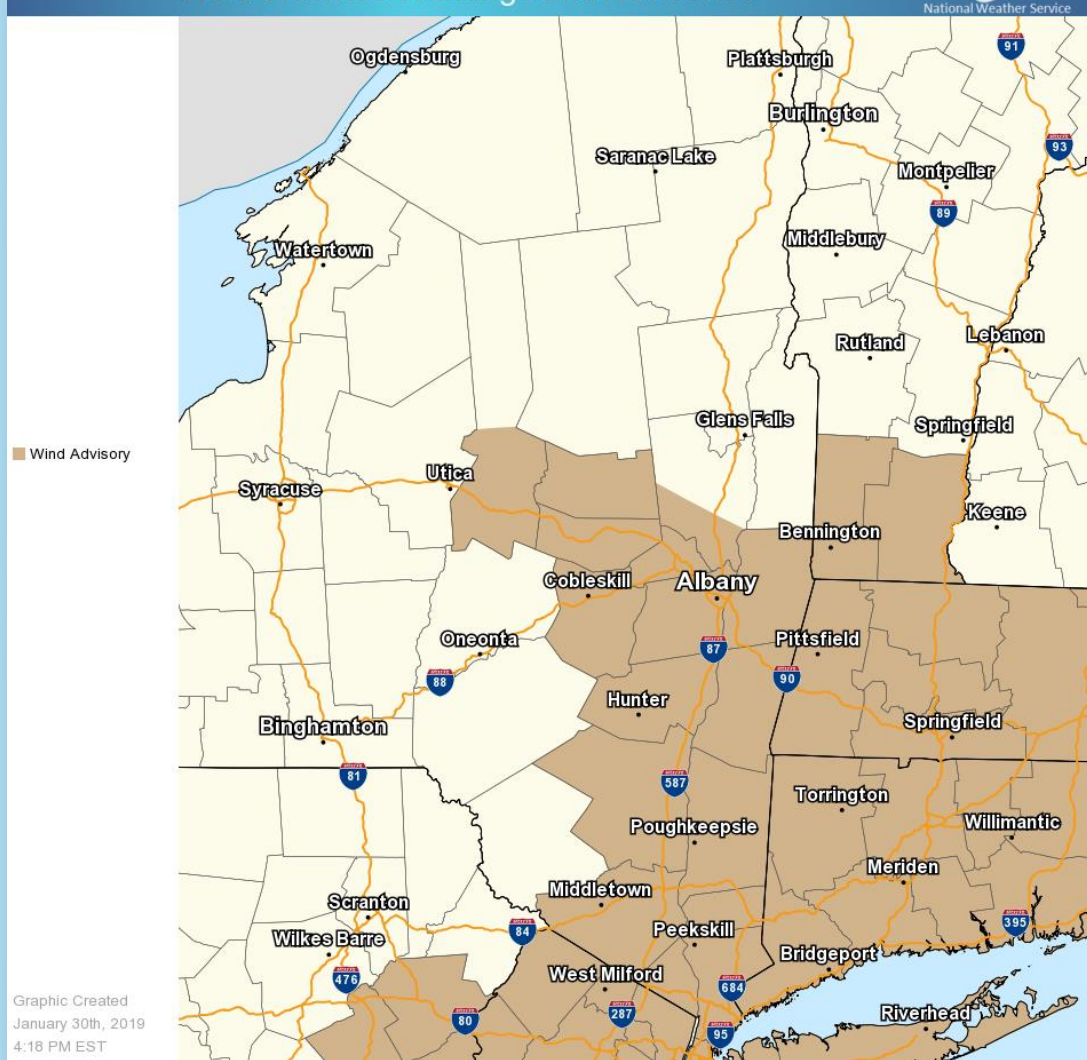
Hazard	Impacts	Location	Timing
Lake Effect Snow 	Up to 15 inches across Northern Herkimer County and around 8 inches across northwestern Hamilton County will lead to snow covered roadways and poor visibility.	Western Adirondacks	Tonight through Thursday night
Bitter Cold & Dangerously Low Wind Chill 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	Tonight through Thursday morning
Strong Wind 	Strong winds may down large tree limbs and some trees leading to isolated power outages	Mohawk and Schoharie Valleys, Capital District, eastern Catskills, mid Hudson Valley, Taconics, Berkshires, Litchfield Hills, and southern Vermont.	Through this evening

Winter Watches Warnings and Advisories



Wind Advisory

Wind Watches Warnings and Advisories



Impacts and Timing:

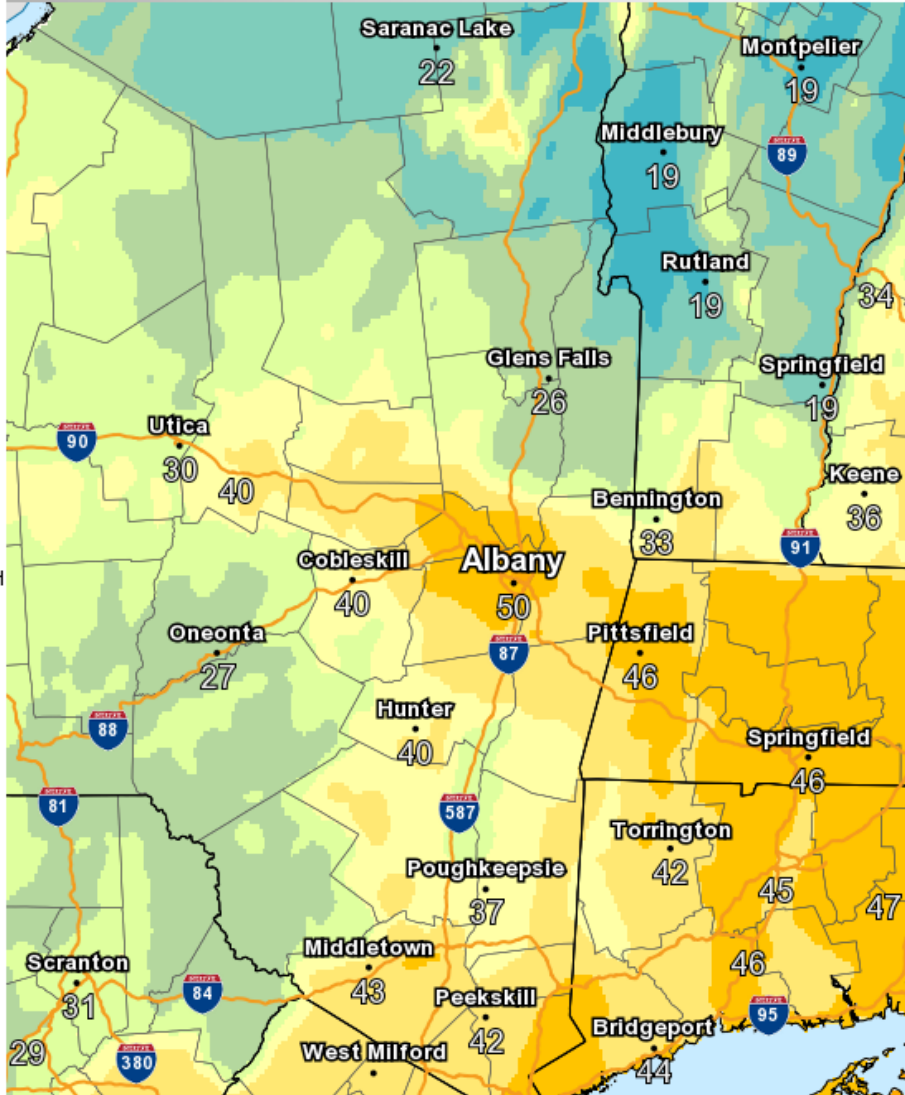
- ✓ Westerly winds will gusts up to 50 mph this afternoon into this evening.
- ✓ These wind gusts may be strong enough to down large tree limbs and some trees, resulting in isolated power outages.

Maximum Forecast Wind Gusts

National Weather Service

Valid Ending Wednesday January 30th, 2019 at 10 PM EST

- 0 to 5 MPH
- 5 to 10 MPH
- 10 to 15 MPH
- 15 to 20 MPH
- 20 to 25 MPH
- 25 to 30 MPH
- 30 to 35 MPH
- 35 to 40 MPH
- 40 to 45 MPH
- 45 to 50 MPH
- 50 to 60 MPH
- 60 to 70 MPH
- 70 to 80 MPH
- 80 to 100 MPH
- 100 to 120 MPH
- 120 to 140 MPH
- Greater than 140 MPH



**Forecast strongest
wind gusts from into
this evening**

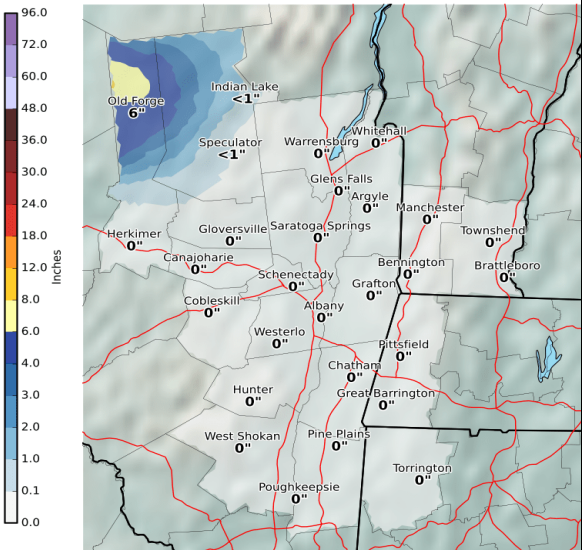
Graphic Created
January 30th, 2019
4:18 PM EST

Probabilistic Snowfall Forecast

Expected Snowfall

Low End Amount

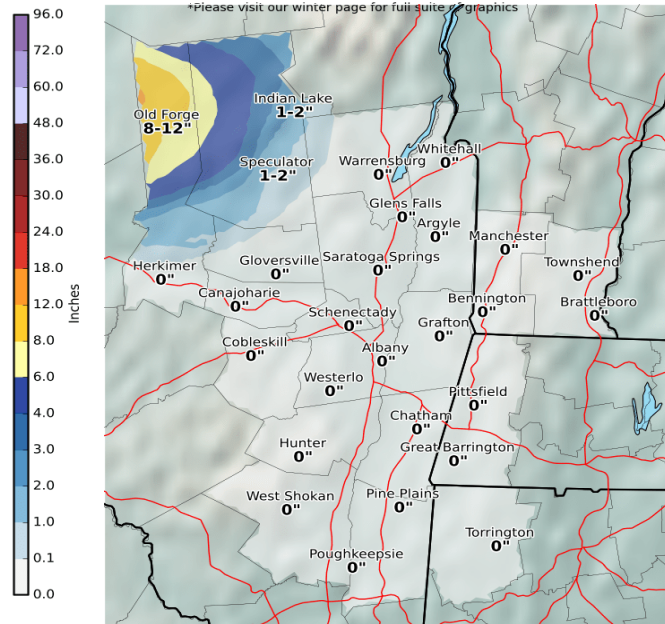
Low End Amount - 9 in 10 Chance (90%) Of Higher Snowfall
Valid: 01/30/2019 07:00 PM - 02/01/2019 07:00 PM EST



National Weather Service
Albany, New York
01/30/2019 04:03 PM EST
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Expected Snowfall - Official NWS Forecast

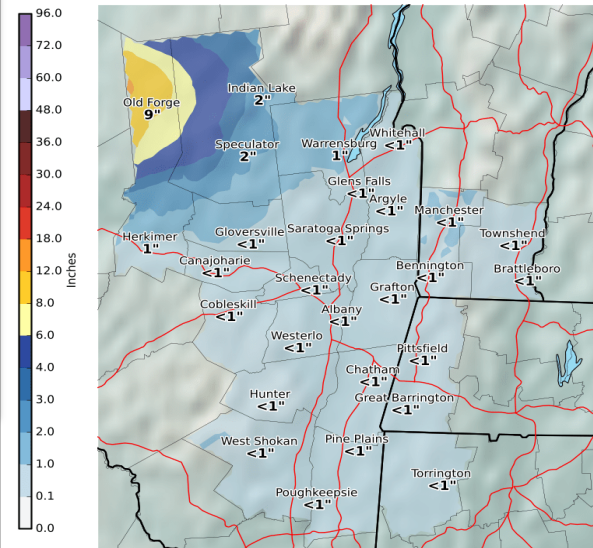
Valid: 01/30/2019 07:00 PM - 02/01/2019 07:00 PM EST



National Weather Service
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High End Amount

High End Amount - 1 in 10 Chance (10%) Of Higher Snowfall
Valid: 01/30/2019 07:00 PM - 02/01/2019 07:00 PM EST



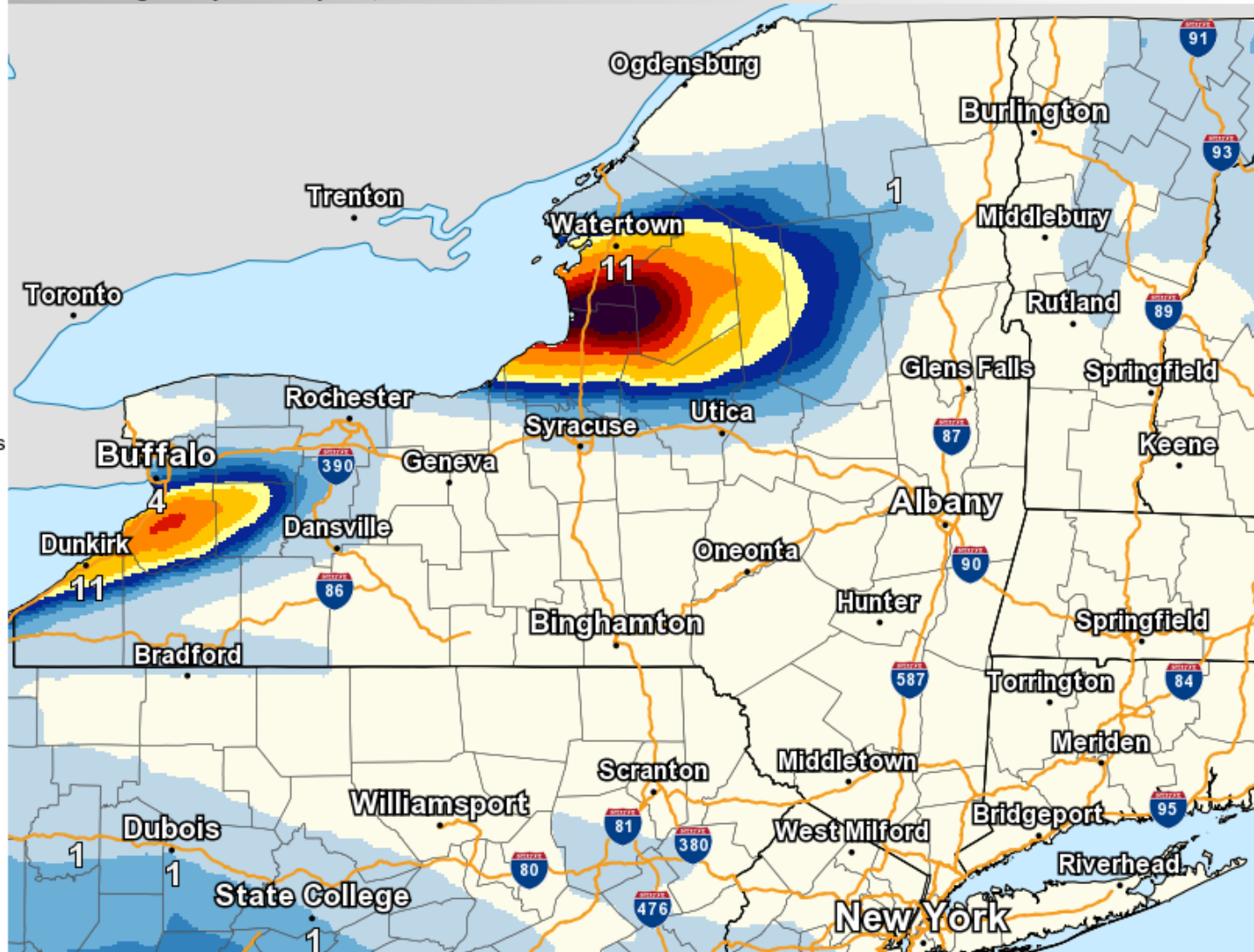
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National Weather Service

■ Less than an inch
 ■ 1 to 2 inches
 ■ 2 to 3 inches
 ■ 3 to 4 inches
 ■ 4 to 6 inches
 ■ 6 to 8 inches
 ■ 8 to 12 inches
 ■ 12 to 18 inches
 ■ 18 to 24 inches
 ■ 24 to 30 inches
 ■ 30 to 36 inches
 ■ Greater than 36 inches

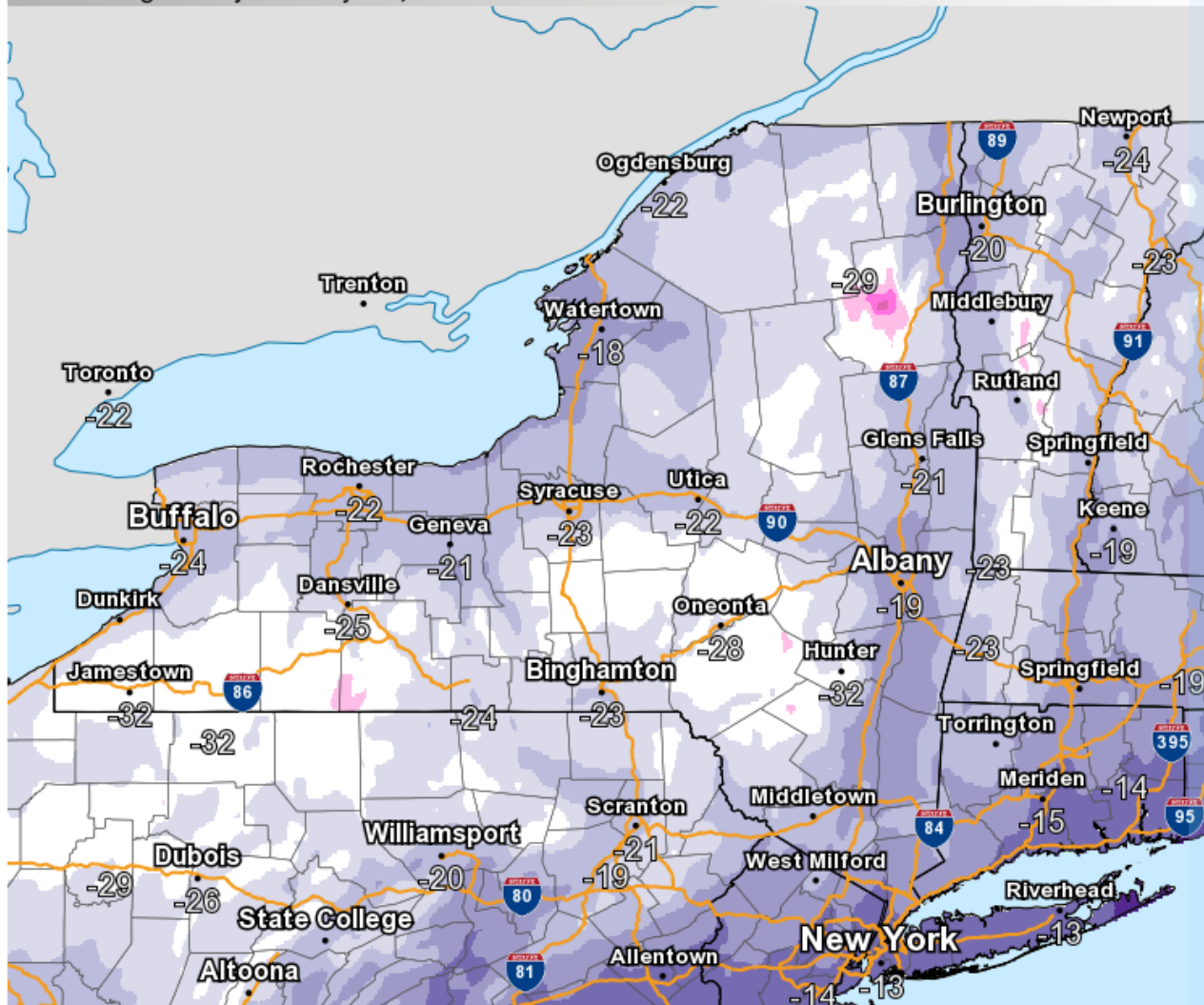
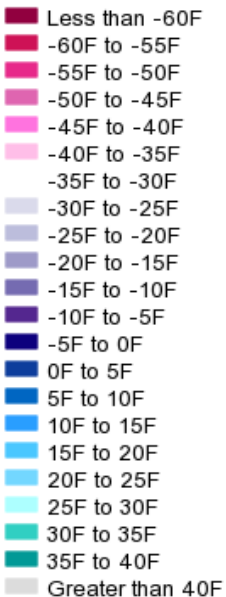


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January 30th, 2019
4:39 PM EST



Coldest Wind Chill

Valid Ending Sunday February 3rd, 2019 at 7 PM EST

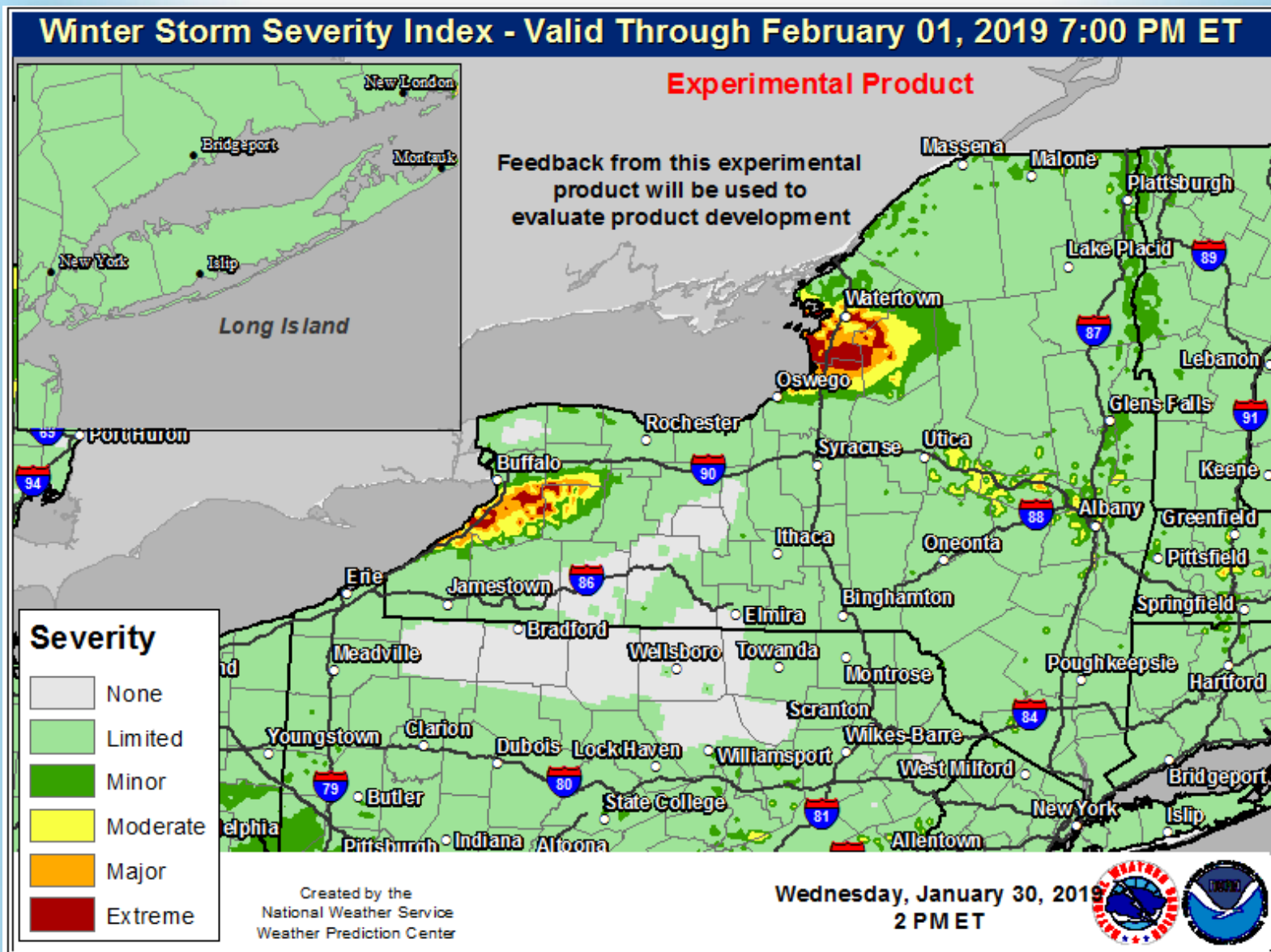


Impacts and Timing:

- ✓ Wind Chills will reach dangerously low values this evening through Thursday morning.
- ✓ These dangerously low chill values will allow for frostbite on exposed skin in as little as 10 to 30 minutes.

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Graphic Created
January 30th, 2019
4:31 PM EST



Event Summary

Strong Winds, 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: Tonight into Thursday, Strong Winds: Into this evening
 - ✓ Wind Chill Warning and Advisories: Tonight through Thursday morning



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



Bitter cold temperatures & gusty winds will result in dangerously low wind chills this evening through Thursday morning. There is an increased risk for frostbite & hypothermia for anyone spending an extended period of time outdoors.



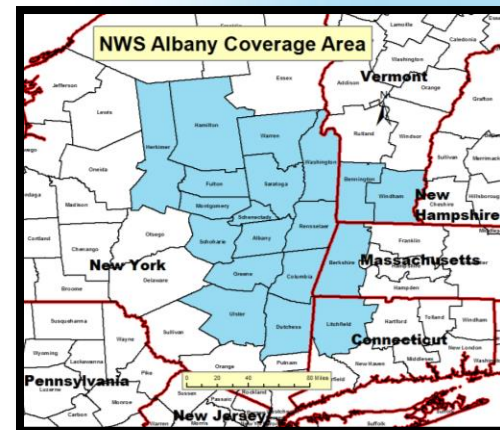
Westerly winds will gusts between 40 and 50 mph into this evening. These wind gusts may be strong enough to down large tree limbs and some trees, resulting in isolated power outages.

Contact and Next Briefing Information



Next Briefing

When: By 6 AM on Thursday,
January 31, 2019
Method: E-mail



Web:

<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 Thursday, January 31, 2019

