

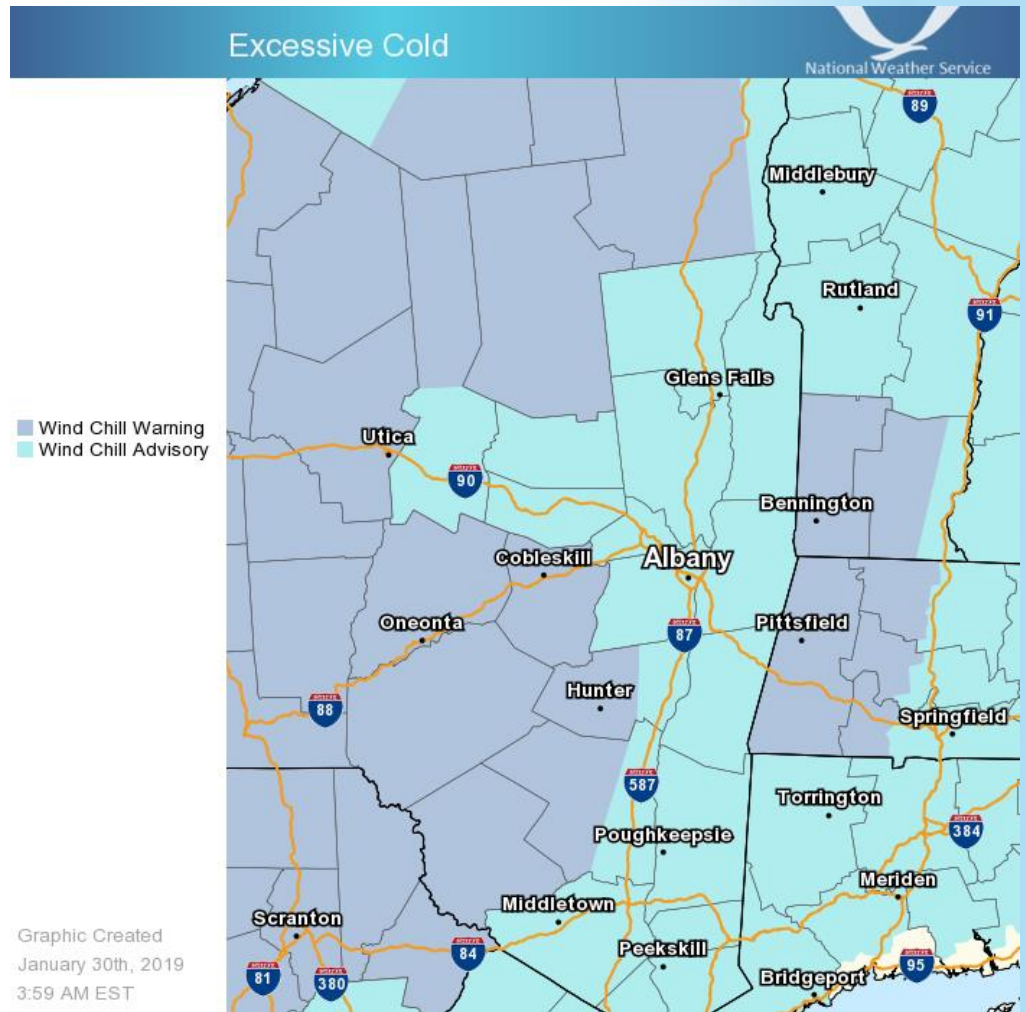
Snow Squalls, Bitter Cold/Dangerously Low Wind Chills & Lake Effect Snow

Decision Support Briefing # 1
As of: 430 AM January 30, 2019






What Has Changed?

- ✓ Wind Chill Advisories/Warnings Issued for Entire Region
- ✓ Lake Effect Snow Advisory/Warning Issued for western Adirondacks



Main Points

Hazard	Impacts	Location	Timing
Snow Squalls 	Brief, whiteout conditions will allow for a sudden change in visibility and slippery travel.	All of eastern New York and western New England	This Afternoon
Lake Effect Snow 	Up to 15 inches across Northern Herkimer County and 8 inches across northwestern Hamilton County will lead to snow covered roadways and low visibility.	Western Adirondacks	Late today 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 15 to 35 below zero).	All of eastern New York and western New England	Late today through Thursday Morning



Albany New York



Snow Squalls Expected This Afternoon

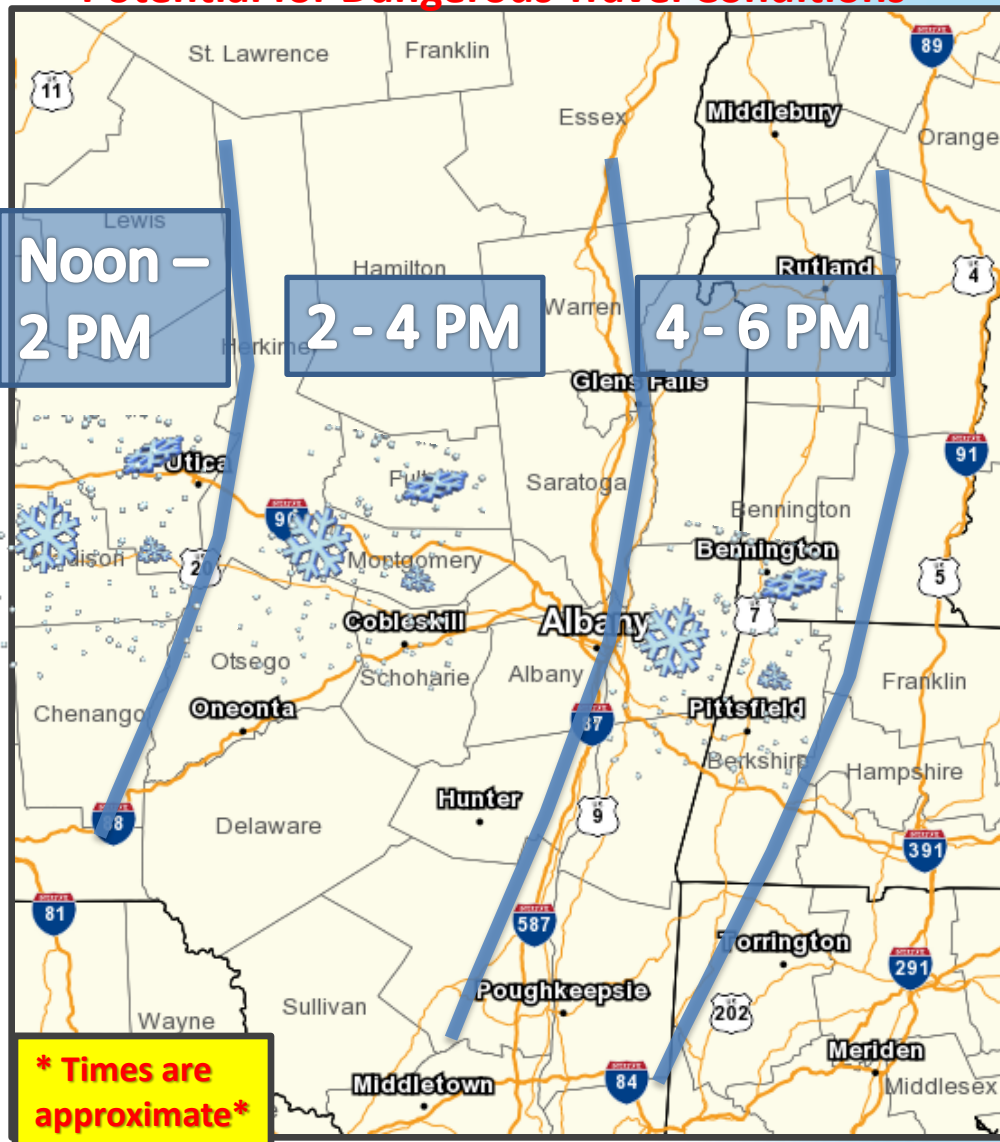
*** Potential for Dangerous Travel Conditions ***

Impacts

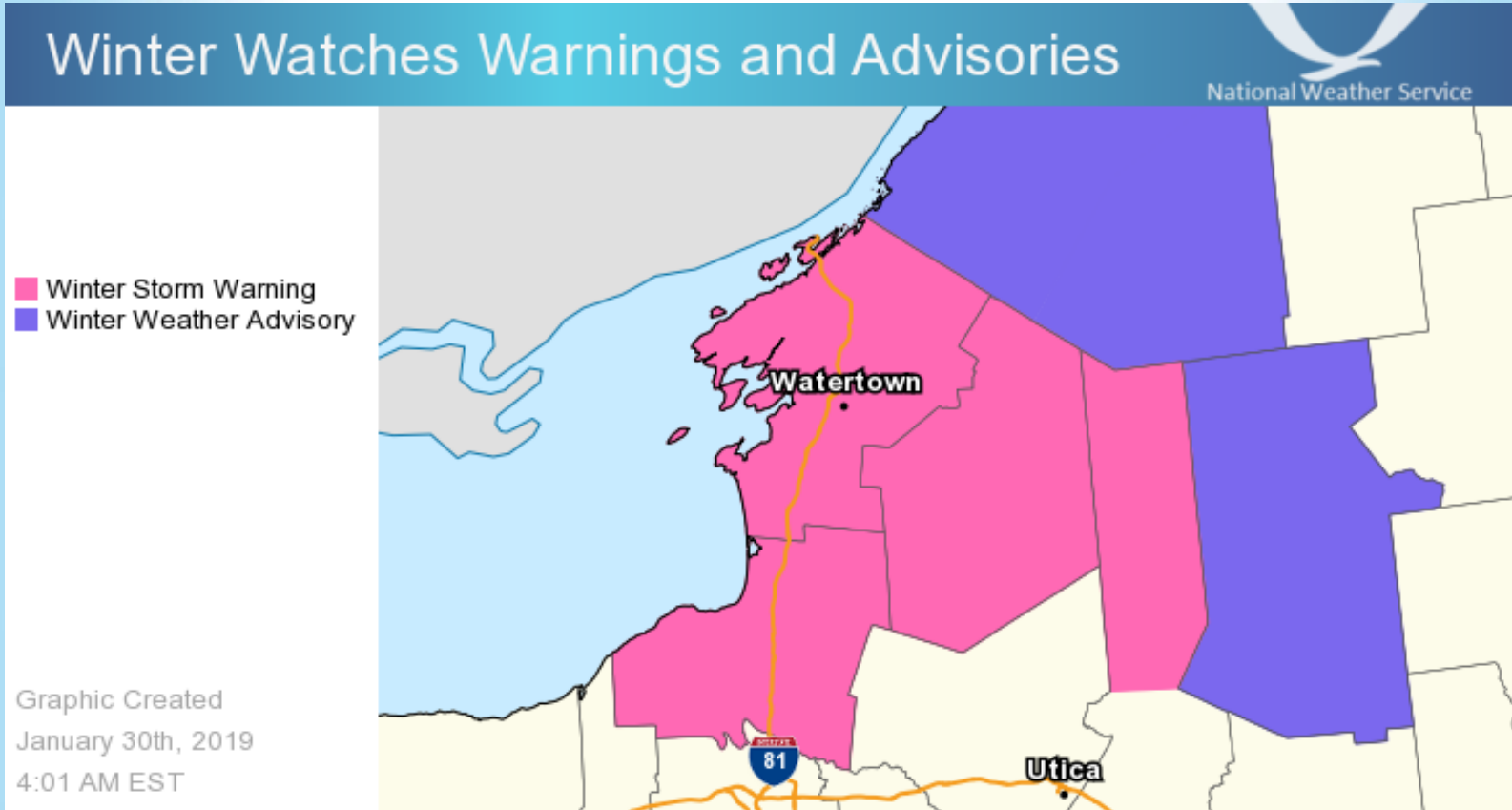
- Slippery Travel
- Brief heavy snow with sudden onset and very low visibility
- Gusty winds up to 35 mph
- Icy roads
- Total snowfall: 0.5-1"

Driving Tips

- Slow down & don't tailgate.
- Ensure headlights are on.
- Always wear a seatbelt.
- Do not use cruise control in snow or ice.
- Exit highway before a snow squall arrives, if possible.



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



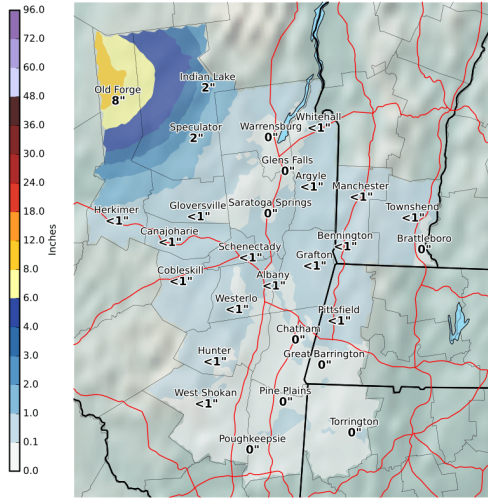
www.weather.gov/aly/winter

Probabilistic Snowfall Forecast

Expected Snowfall

Low End Amount

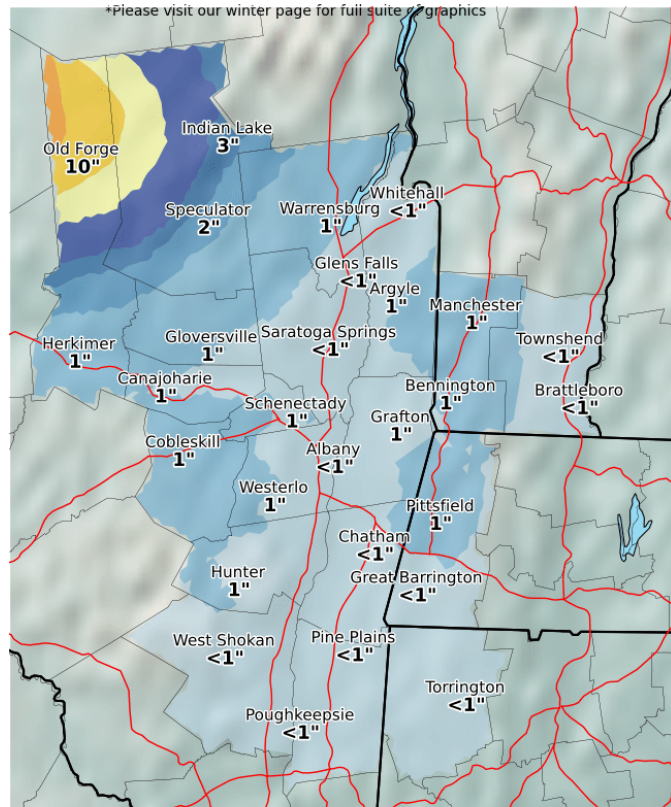
Low End Amount - 9 in 10 Chance (90%) Of Higher Snowfall
Valid: 01/30/2019 07:00 AM - 02/01/2019 07:00 AM



National Weather Service
Albany, New York
01/30/2019 03:42 AM EST
Follow Us: weather.gov/Albany/winter

Expected Snowfall - Official NWS Forecast

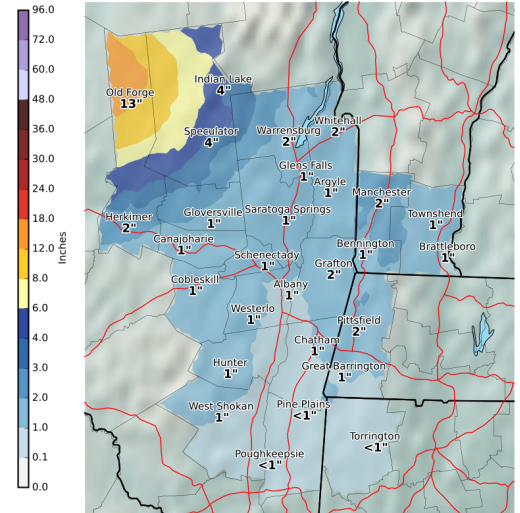
Valid: 01/30/2019 07:00 AM - 02/01/2019 07:00 AM



National Weather Service
Albany, New York
01/30/2019 03:41 AM EST
Follow Us: weather.gov/Albany/winter

High End Amount

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



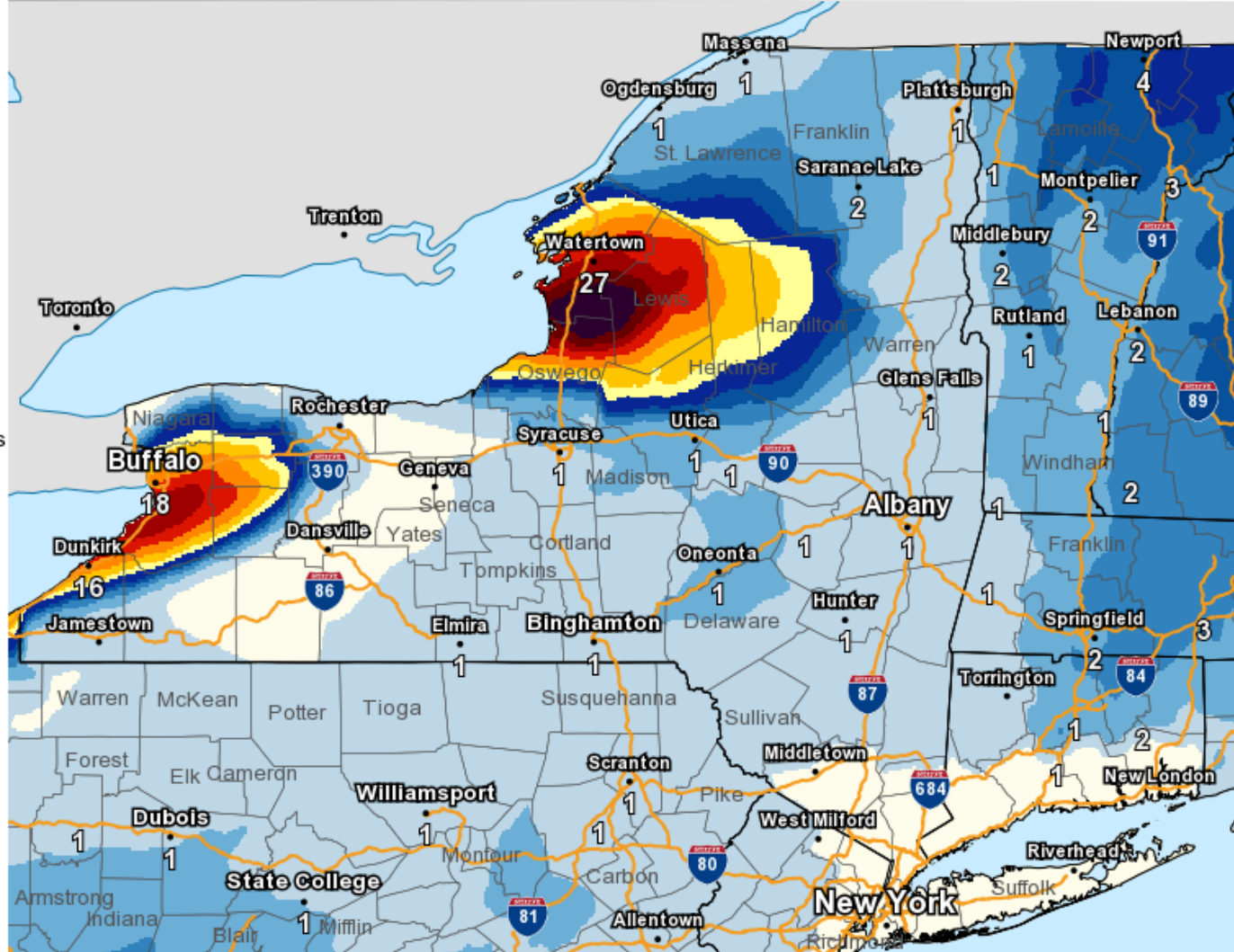
National Weather Service
Albany, New York
01/30/2019 03:42 AM EST
Follow Us: weather.gov/Albany/winter

Forecast Snowfall

National Weather Service

Valid Ending Friday February 1st, 2019 at 1 PM EST

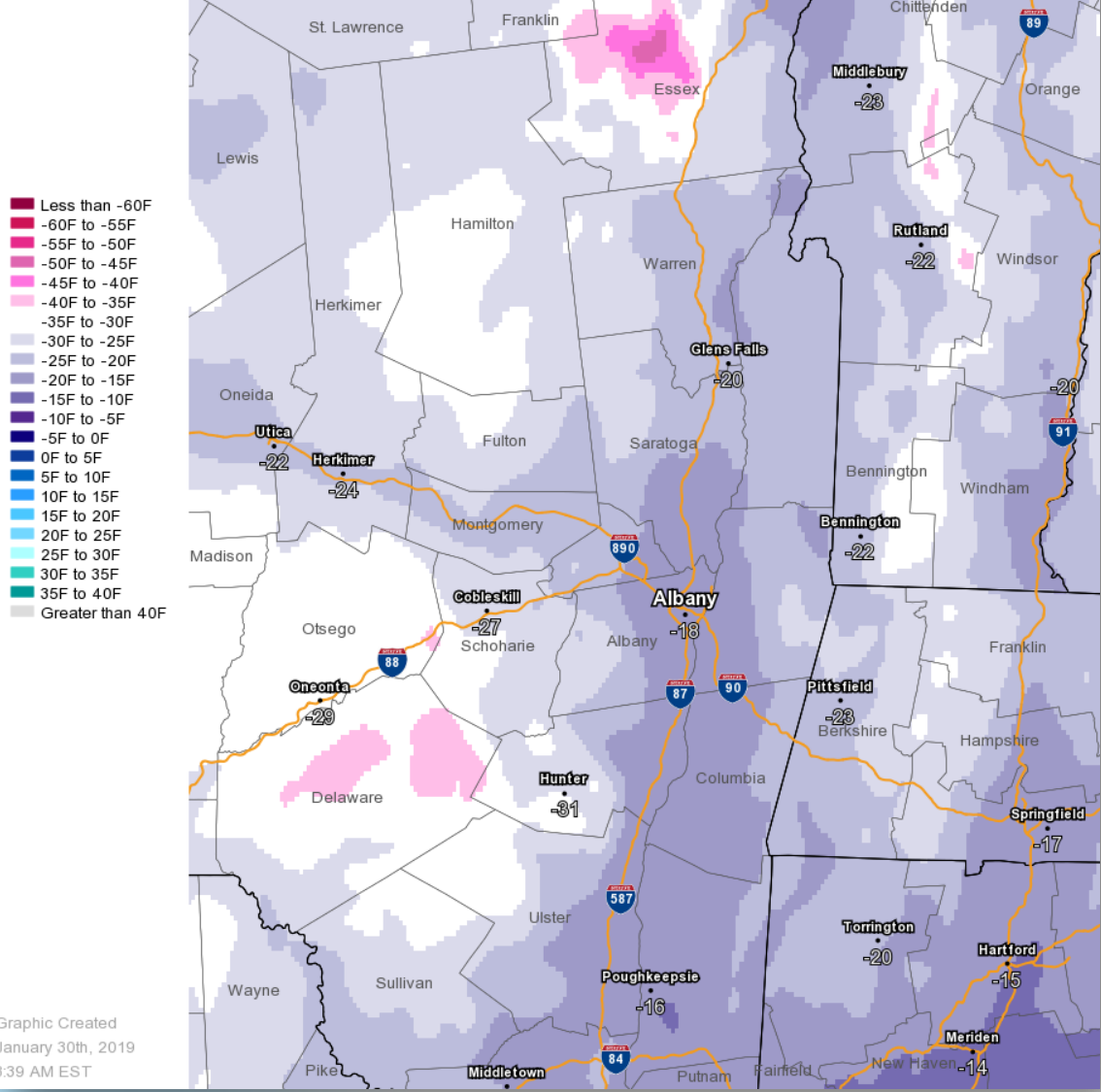
- Less than an inch
- 1 to 2 inches
- 2 to 3 inches
- 3 to 4 inches
- 4 to 6 inches
- 6 to 8 inches
- 8 to 12 inches
- 12 to 18 inches
- 18 to 24 inches
- 24 to 30 inches
- 30 to 36 inches
- Greater than 36 inches



Graphic Created
January 30th, 2019
3:40 AM EST

Coldest Wind Chill

Valid Ending Saturday February 2nd, 2019 at 1 AM EST



Graphic Created
January 30th, 2019
3:39 AM EST

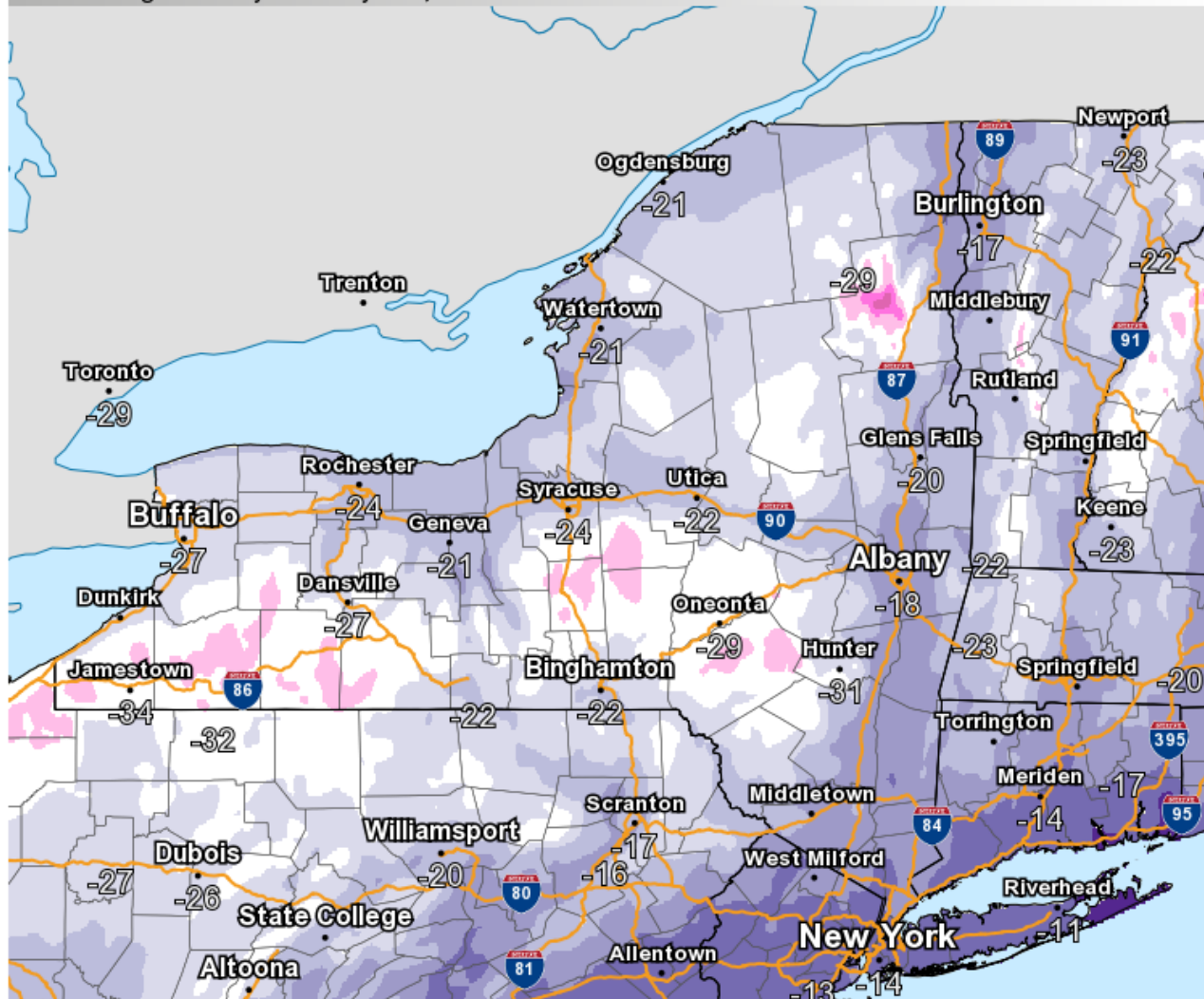
- Impacts and Timing:**
- ✓ Wind Chills will reach dangerously low values this evening through Thursday morning.
 - ✓ These dangerously low chill values will allow for frostbite on exposed skin in as little as 10 to 30 minutes.

Coldest Wind Chill

National Weather Service

Valid Ending Saturday February 2nd, 2019 at 1 PM EST

- Less than -60F
- -60F to -55F
- -55F to -50F
- -50F to -45F
- -45F to -40F
- -40F to -35F
- -35F to -30F
- -30F to -25F
- -25F to -20F
- -20F to -15F
- -15F to -10F
- -10F to -5F
- -5F to 0F
- 0F to 5F
- 5F to 10F
- 10F to 15F
- 15F to 20F
- 20F to 25F
- 25F to 30F
- 30F to 35F
- 35F to 40F
- Greater than 40F

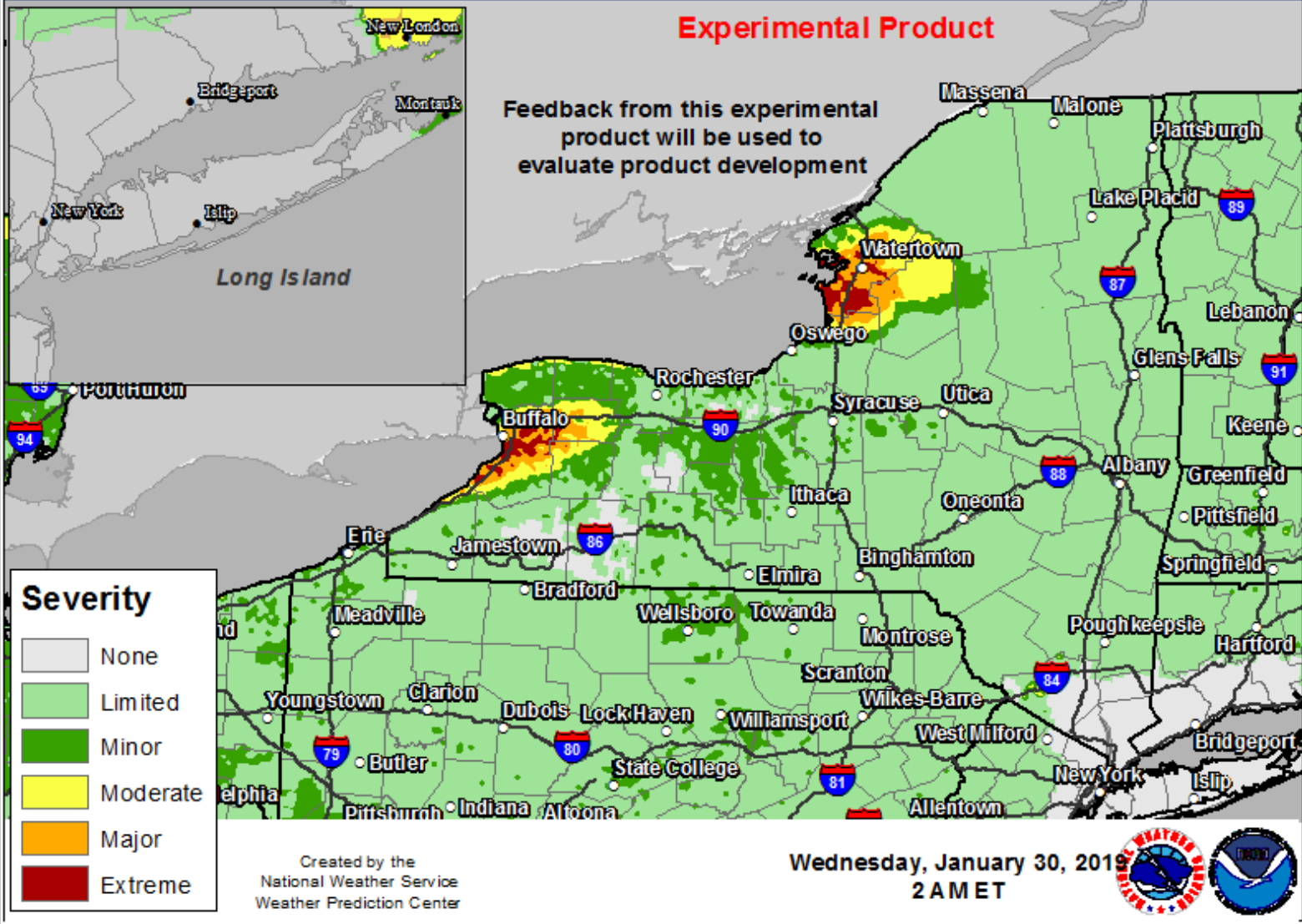


Graphic Created
January 30th, 2019
3:41 AM EST

Winter Storm Severity Index - Valid Through February 01, 2019 7:00 PM ET

Experimental Product

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



Event Summary

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

- ✓ Confidence is **HIGH** that these events will occur and **HIGH** on expected impacts
- ✓ Period of greatest impact
 - ✓ Snow Squalls: This Afternoon, Wind Chills: Tonight, Lake Effect Snow: Tonight into Thursday



Snow Squalls this afternoon will move west to east across the region. Low visibility & slippery conditions will lead to hazardous travel.



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



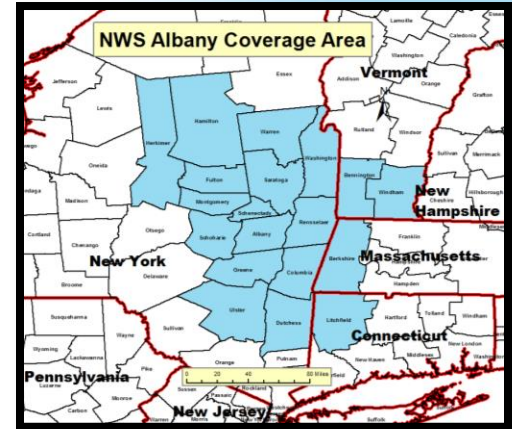
Bitter cold temperatures & gusty winds will allow for dangerously low wind chills late today through Thursday morning. There is an increased risk for frostbite & hypothermia for anyone spending an extended period of time outdoors.



Contact and Next Briefing Information



Next Briefing
When: By 6 PM on Wednesday, January 30, 2019
Method: E-mail



Web:
<http://weather.gov/aly>



E-mail:
Alb.stormreport@noaa.gov



Facebook:
[NWSAlbany](https://www.facebook.com/NWSAlbany)



Twitter:
[@NWSAlbany](https://twitter.com/NWSAlbany)



YouTube:
[NWSAlbany](https://www.youtube.com/NWSAlbany)

Disclaimer: *The information contained within this briefing is time-sensitive, do not use after 6 PM Wednesday, January 30, 2019*