

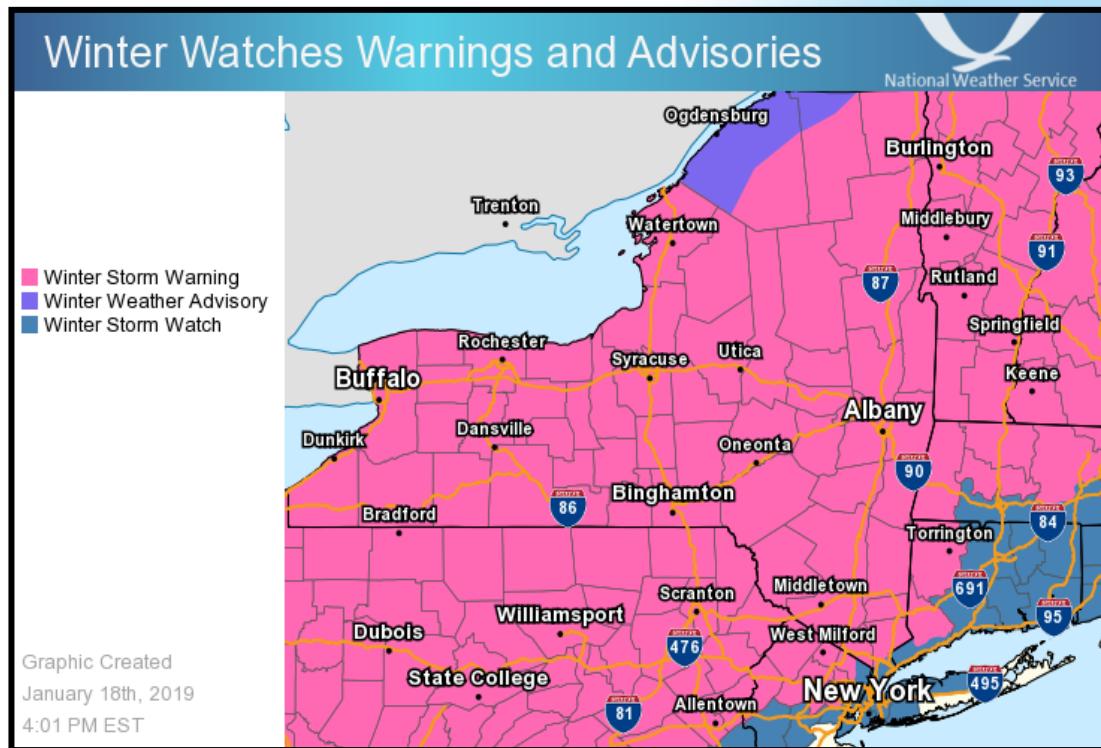
Major Winter Storm Arrives Today

Decision Support Briefing # 6
As of: 530 AM January 19, 2019



What Has Changed?

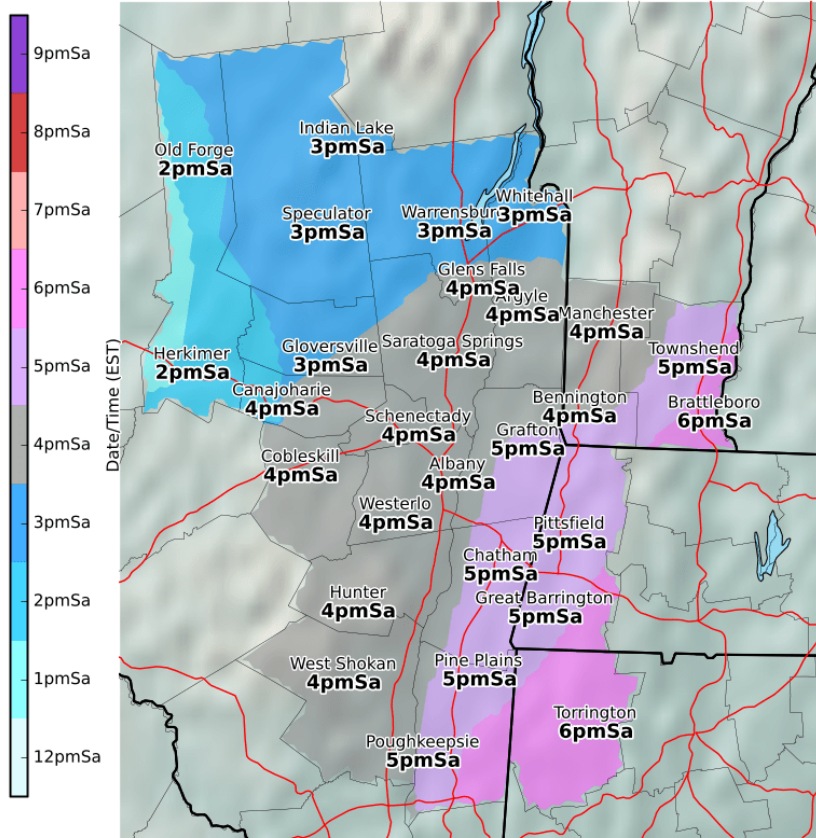
- ✓ Slight northward shift of sleet and freezing rain into the southern Berkshires, southeast Catskills and southern Columbia county, resulting in slightly lower snowfall totals



Snow Starting & Ending Times Today/Sunday

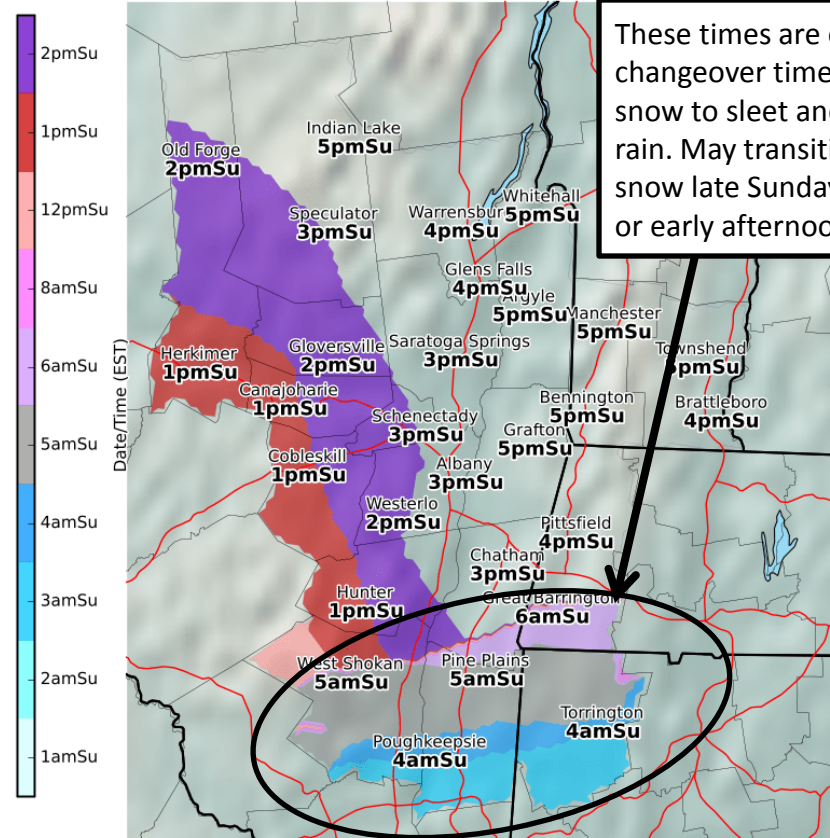
Winter Precipitation Onset Time

Valid: 01/19/2019 04:00 AM - 01/22/2019 04:00 PM EST



Winter Precipitation End Time

Valid: 01/19/2019 04:00 AM - 01/22/2019 04:00 PM EST



These times are expected changeover times from snow to sleet and freezing rain. May transition back to snow late Sunday morning or early afternoon.



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Main Points

Hazard	Impacts	Location	Timing
Heavy Snow 	Snowfall of 10 to 20 inches will result in difficult to impossible travel conditions. High snowfall rates of 1 to 3 inches per hour possible. A glaze of ice is also possible in Columbia county.	Eastern New York and western New England (except Ulster, Dutchess, Litchfield and southern Berkshire counties)	4 PM Today to 4 PM Sunday
Heavy Snow & Wintry Mix 	Snowfall of 5 to 10 inches plus up to two tenths of an inch of ice accumulations. Snowfall rates of 1 to 2 inches per hour possible. Ice accretion could result in isolated power outages.	Eastern Ulster, Dutchess, Litchfield and southern Berkshire counties	4 PM Today to 4 PM Sunday
Blowing Snow 	Drifting snow that may re-cover cleared roadways and sidewalks. Also, reduced visibility possible.	Eastern New York and western New England	Sunday evening into Monday
Wind Chill 	Increased risk for frostbite and hypothermia.	Eastern New York and western New England	Sunday night through Monday night

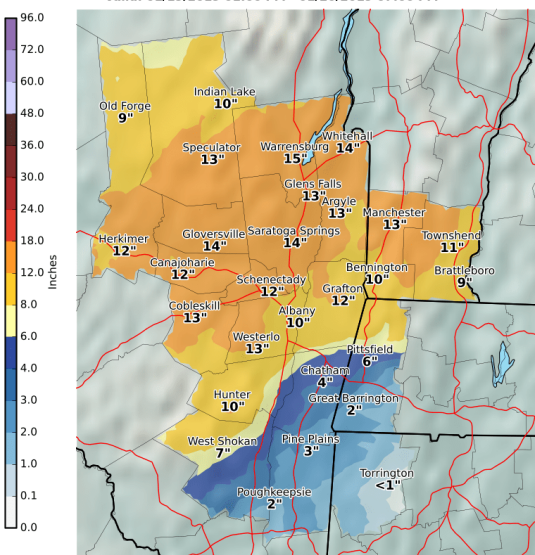
Probabilistic Snowfall Forecast

Expected Snowfall

Low End Amount

Low End Amount - 9 in 10 Chance (90%) Of Higher Snowfall

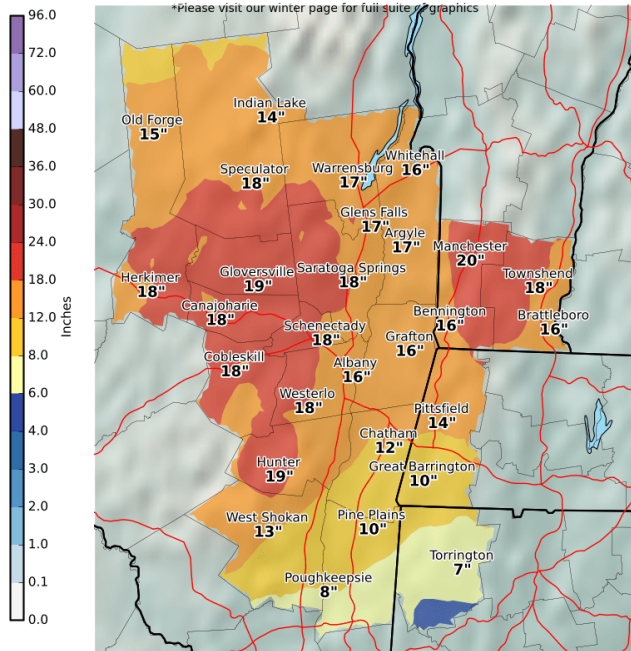
Valid: 01/19/2019 01:00 PM - 01/20/2019 07:00 PM



Expected Snowfall - Official NWS Forecast

Valid: 01/19/2019 01:00 PM - 01/20/2019 07:00 PM

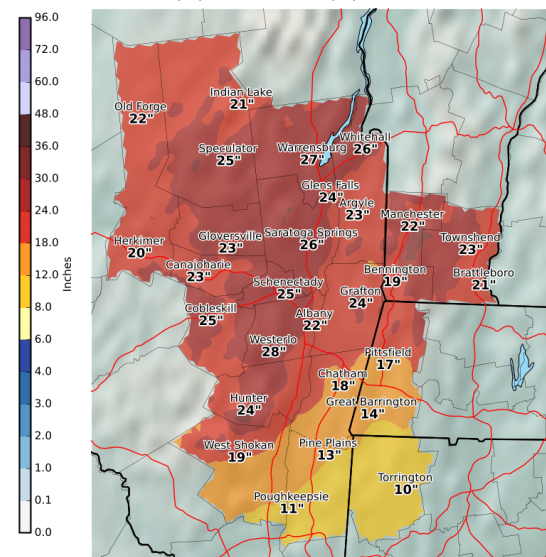
*Please visit our winter page for full suite of graphics



High End Amount

High End Amount - 1 in 10 Chance (10%) Of Higher Snowfall

Valid: 01/19/2019 01:00 PM - 01/20/2019 07:00 PM

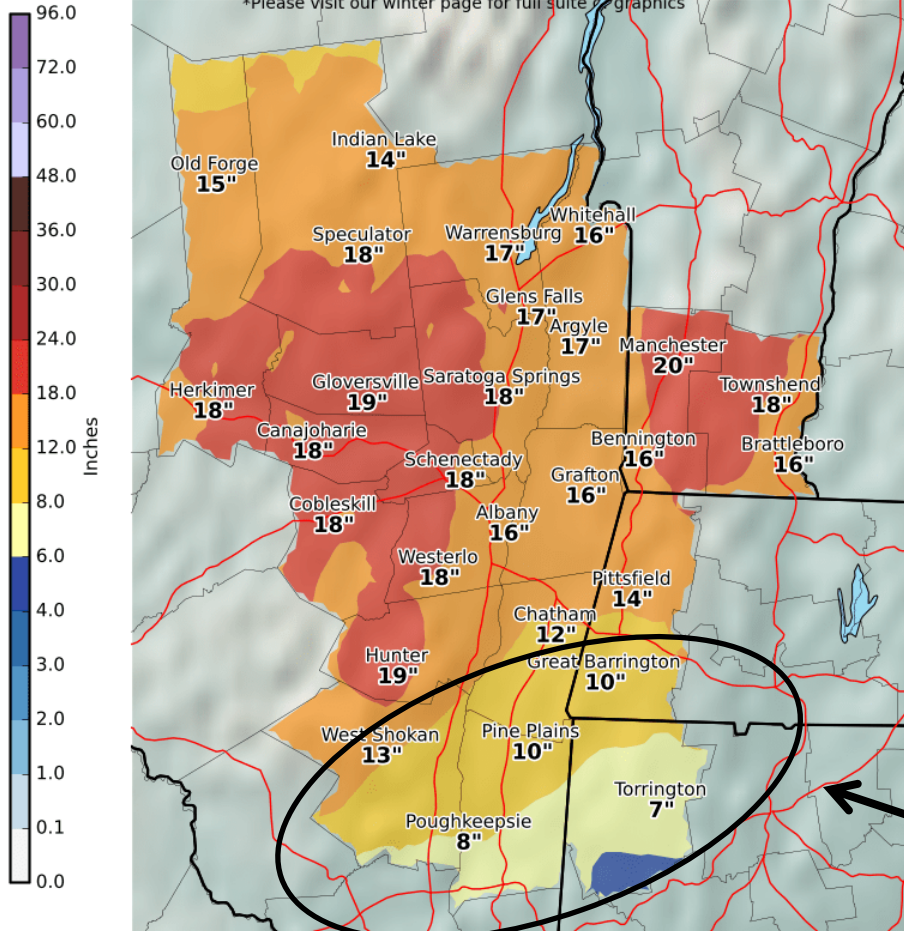


www.weather.gov/aly/winter

Expected Snowfall - Official NWS Forecast

Valid: 01/19/2019 01:00 PM - 01/20/2019 07:00 PM

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Most of eastern NY and western New England will see a dry/fluffy snow throughout the event

Initially dry/fluffy snow transitioning to a heavier snow as it mixes with sleet/freezing rain tonight



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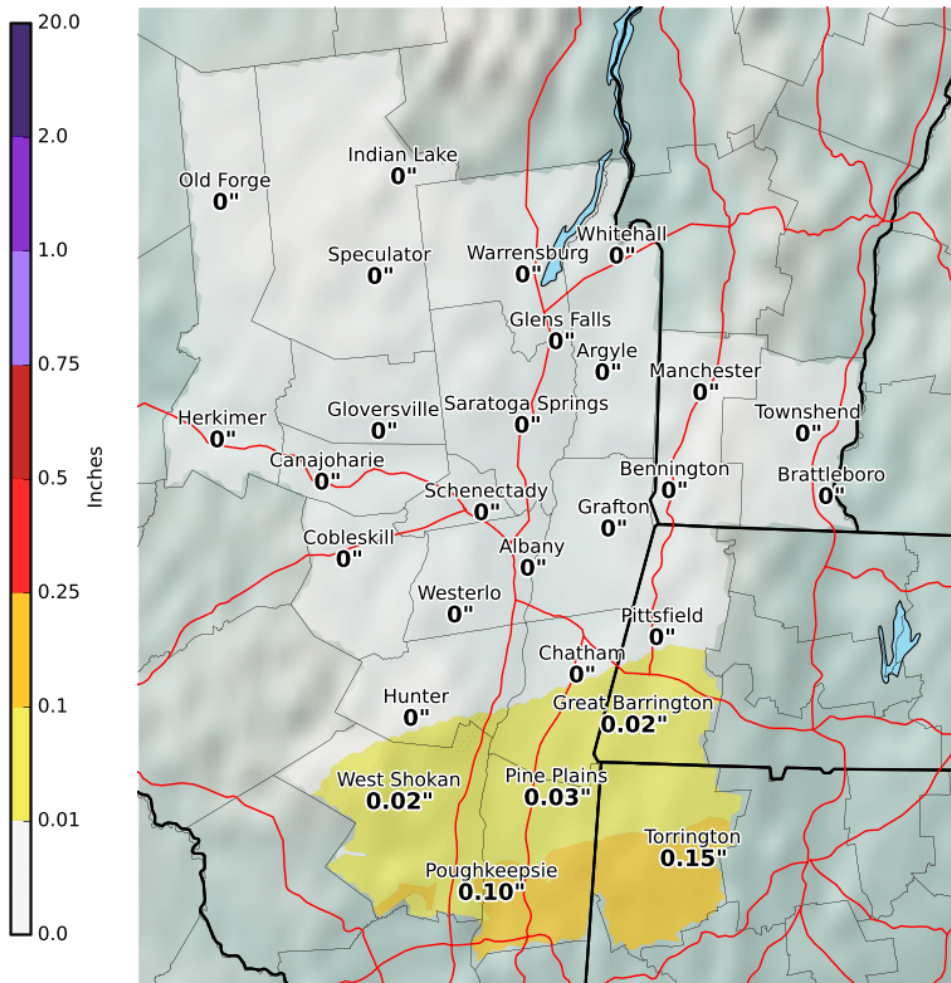


weather.gov/Albany/winter



Expected Ice Accumulation- Official NWS Forecast

Valid: 01/19/2019 01:00 PM - 01/20/2019 07:00 PM



Impacts and Timing:

- ✓ Snow will likely turn to sleet and freezing rain with ice accretions up to 2 tenths of an inch possible across eastern Ulster, Dutchess, southern Columbia, Litchfield and southern Berkshire counties.
- ✓ Tonight into Sunday morning.
- ✓ Isolated power outages may be possible.



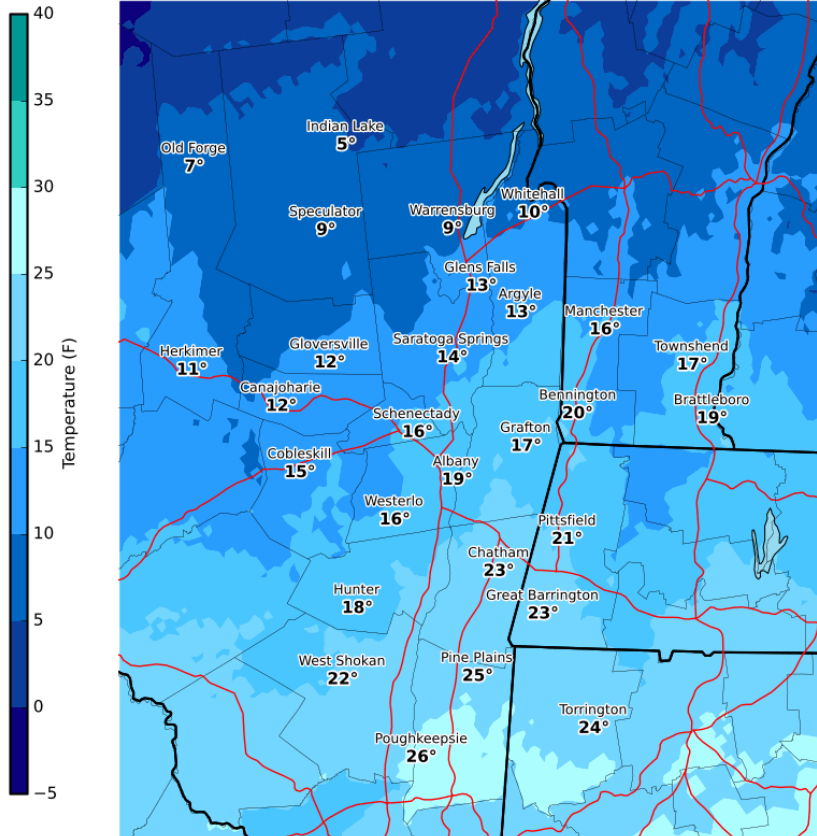
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Temperatures

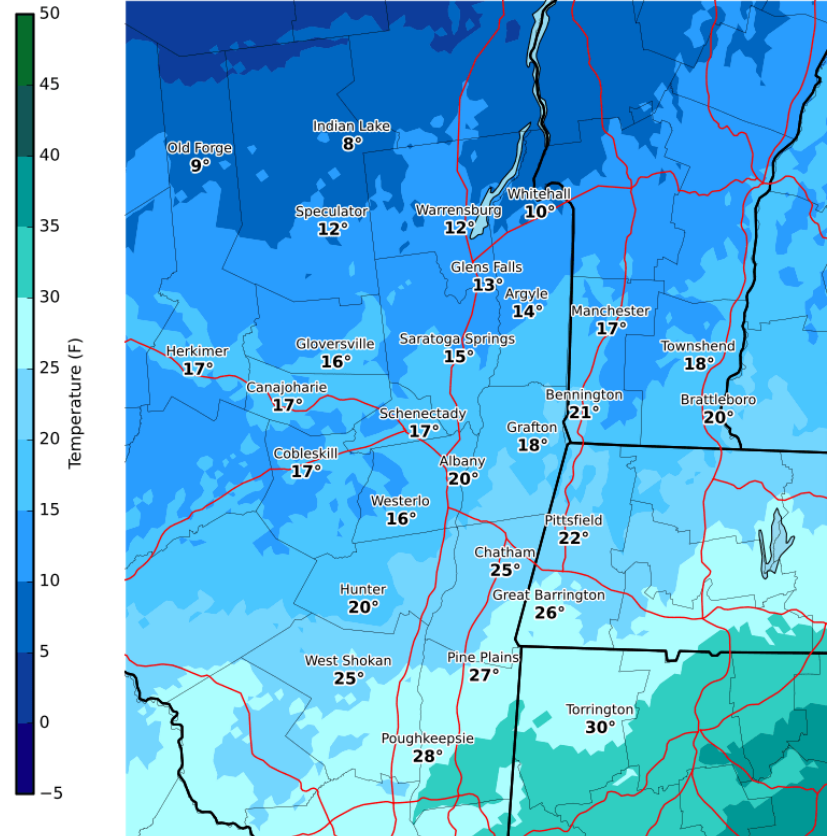
Low Temperatures
Valid: Saturday Night



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High Temperatures
Valid: Sunday



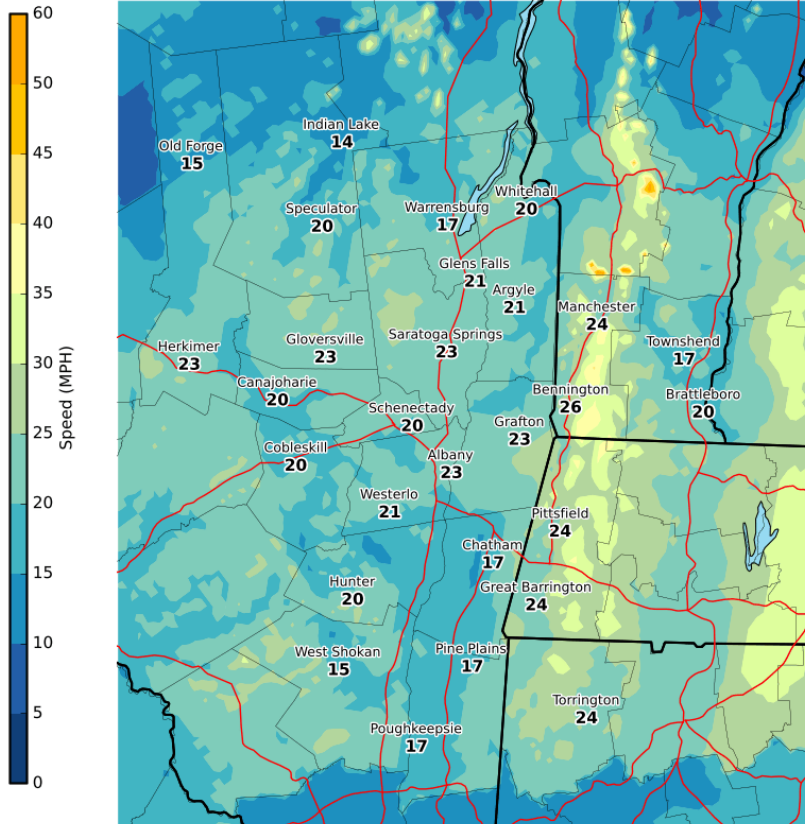
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Wind Gusts

Maximum Wind Gusts

Valid: Saturday Night



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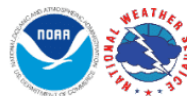
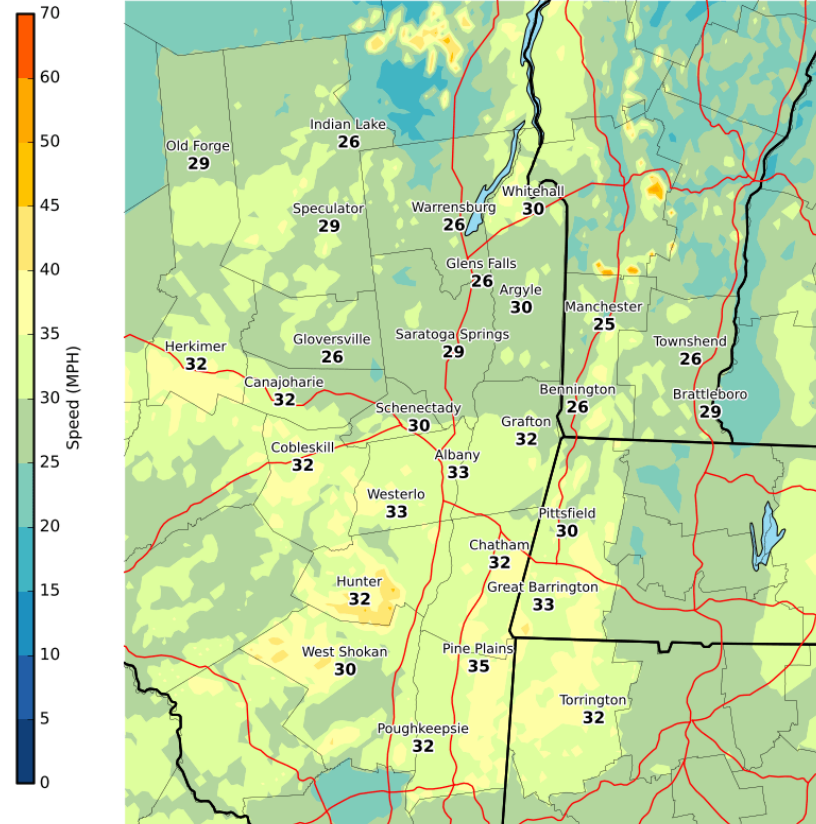
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Maximum Wind Gusts

Valid: Sunday



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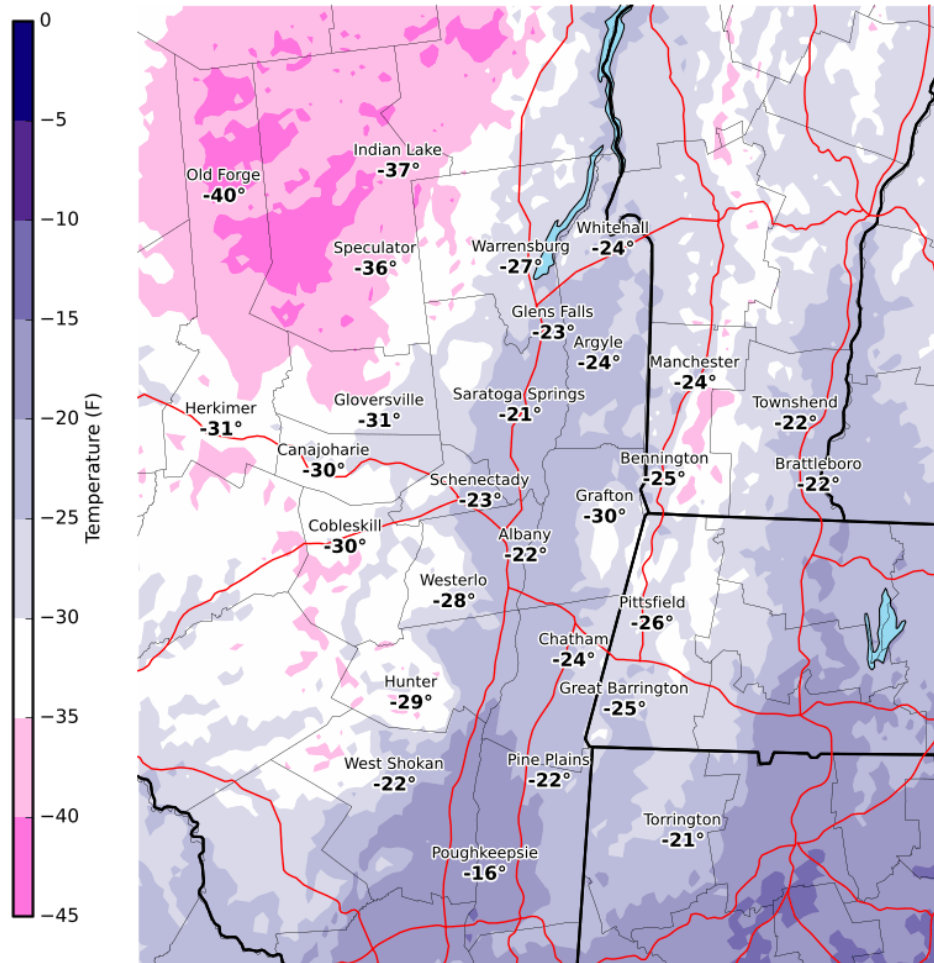


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Minimum Wind Chills

Valid: Sunday Night



Impacts:

- ✓ **Life-Threatening** Wind Chills of -15 to -45 degrees possible Sunday night and Monday.
- ✓ Frostbite and hypothermia can occur to exposed skin in under 30 minutes.



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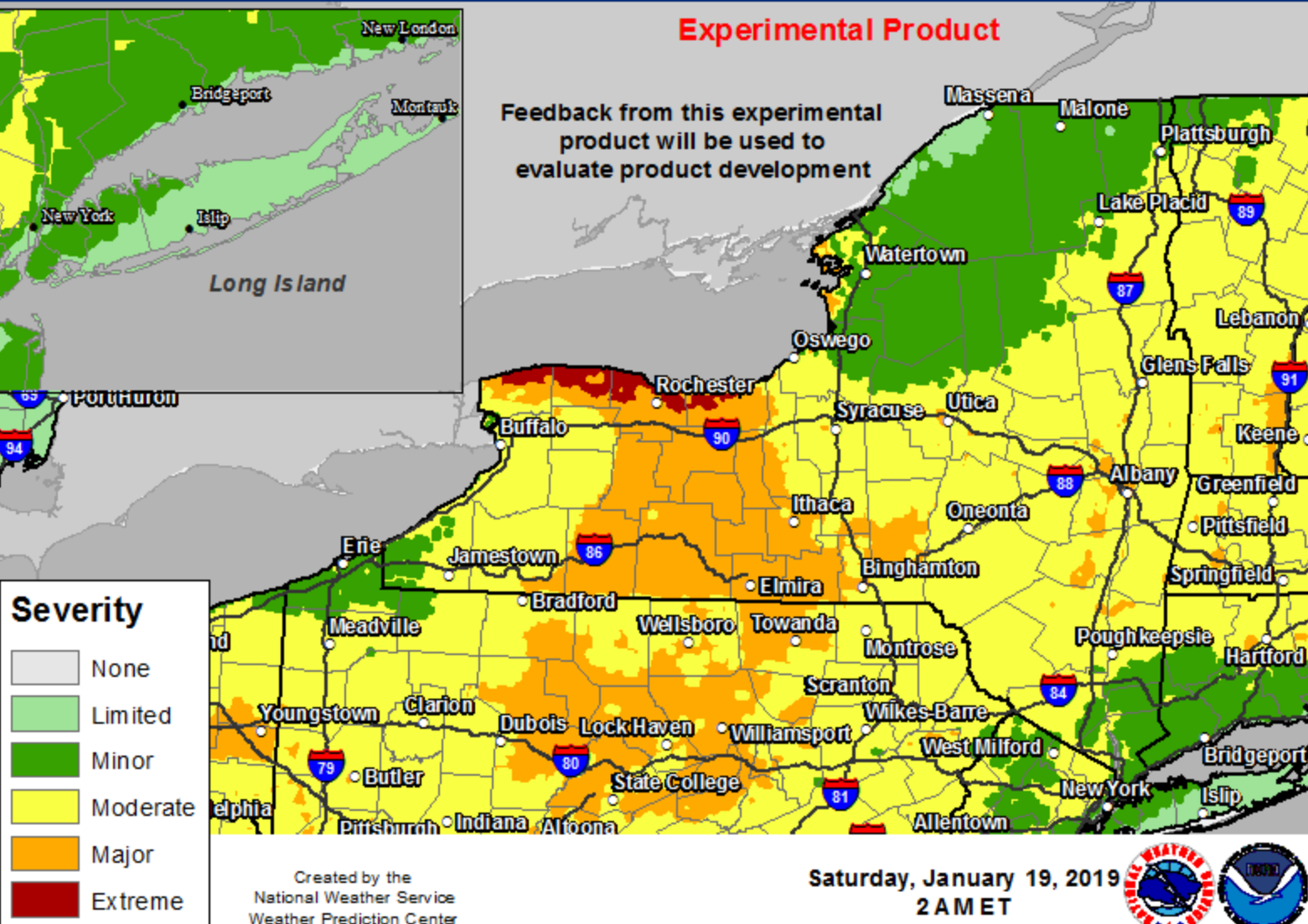
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Winter Storm Severity Index - Valid Through January 21, 2019 7:00 PM ET

Experimental Product

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



Event Summary – Major Winter Storm this Weekend

- ✓ Confidence is **HIGH** that this event will occur and **HIGH** on expected impacts
- ✓ Period of greatest impact: This afternoon into Sunday evening



Light snow is expected to begin this afternoon, becoming heavy at times this evening into Sunday with snowfall rates up to 1-3 inches per hour. Totals of 10 to 20 inches will make travel difficult to impossible.



Lower snow totals of 5 to 10 inches are possible due to mixing with sleet and freezing rain across eastern Ulster, Dutchess, southern Columbia, Litchfield and southern Berkshire counties tonight into Sunday morning. The ice accretions could result in isolated power outages.



Gusty winds Sunday evening into Sunday night may lead to areas of blowing and drifting snow resulting in reduced visibilities and snow covered roadways.



Life-threatening wind chills expected Sunday night through Monday night which would result in increased risk of hypothermia and frostbite.

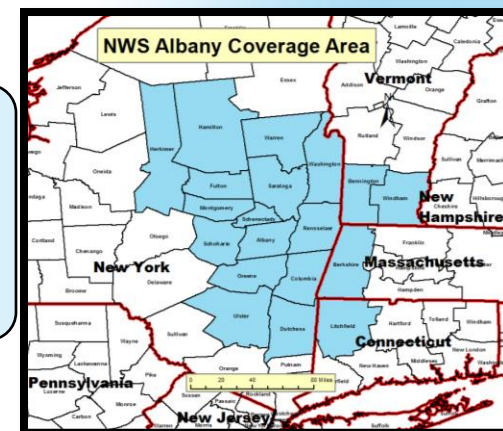
Contact and Next Briefing Information



Next Briefing

When: 6 PM Saturday, January 19th
(If Needed)

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 pm Saturday, January 19th

