

# Winter Storm and strong winds

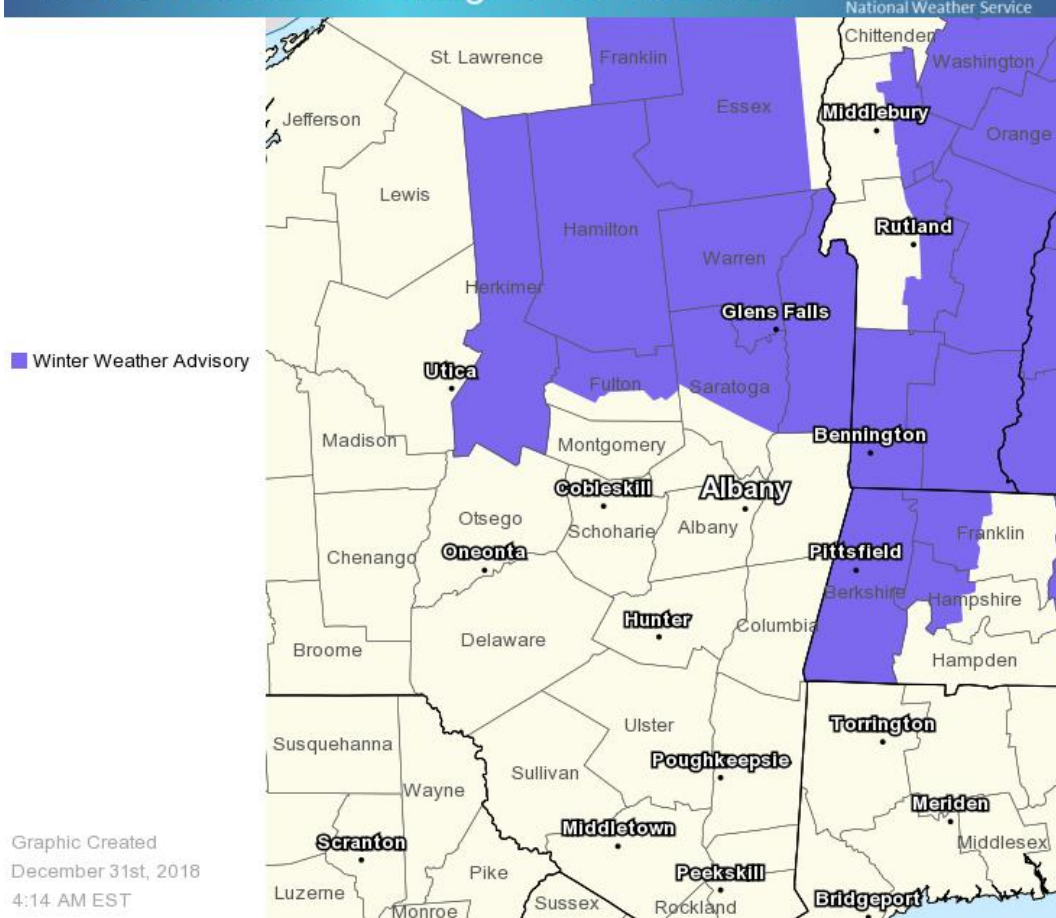
**Decision Support Briefing # 2**  
**As of: 5 AM December 31, 2018**



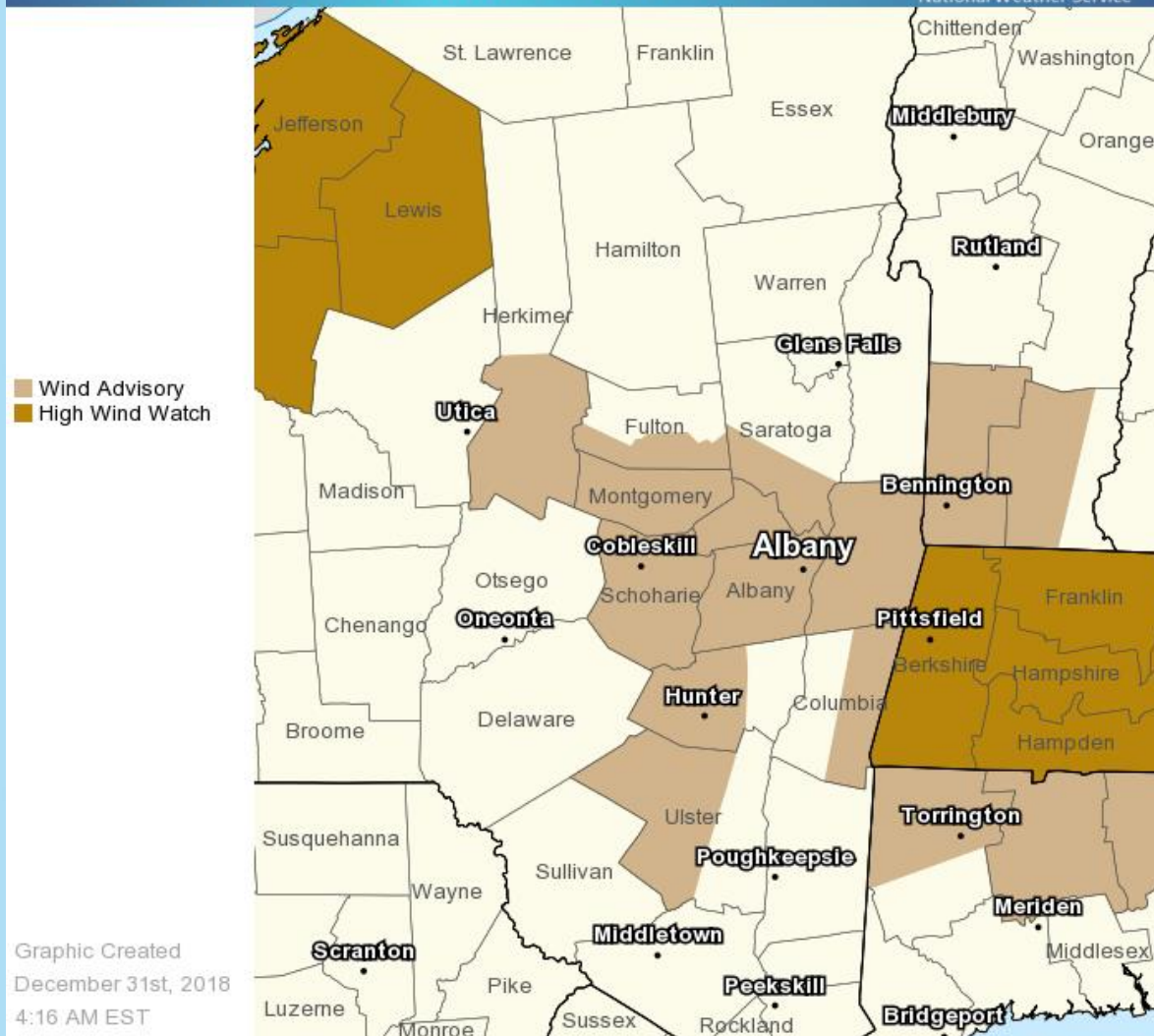
## What Has Changed?

- ✓ *Winter Weather Advisory for southern Adirondacks, western Mohawk Valley, southern VT, Upper Hudson Valley, and the Berkshires will be valid 5PM Today to 5AM Tuesday .*
- ✓ *Wind Advisory for the Mohawk Valley including the Capital District, the Schoharie Valley, eastern Catskills, northern and central Taconics, southern Green Mountains and Litchfield Hills from 6 AM to 4 PM Tuesday.*
- ✓ *High Wind watch for the Berkshires from 6 AM to 4 PM Tuesday.*

## Winter Watches Warnings and Advisories






## Wind Watches Warnings and Advisories



- ✓ *Wind Advisory for the Mohawk Valley including the Capital District, the Schoharie Valley, eastern Catskills, northern and central Taconics, southern Green Mountains and Litchfield Hills from 6 AM to 4 PM Tuesday.*
- ✓ *High Wind watch for the Berkshires from 6 AM to 4 PM Tuesday.*

# Main Points

Hazard	Impacts	Location	Timing
<b>Snow/Sleet</b> 	Slippery travel conditions due to snow and sleet accumulations ranging from a coating up to 3 inches.	Southern Adirondacks, Upper Hudson Valley, western Mohawk Valley, southern VT and the Berkshires	This evening through early Tuesday morning
<b>Ice</b> 	Slippery travel conditions due to ice accretion ranging from a coating up to a tenth of an inch	Southern Adirondacks, Upper Hudson Valley, western Mohawk Valley, southern VT and the Berkshires	This evening through early Tuesday morning
<b>Wind</b> 	Downed trees and tree limbs, possibly resulting in isolated to scattered power outages	Mohawk Valley including the Capital District, the Schoharie Valley, eastern Catskills, northern and central Taconics, southern Green Mountains and Litchfield Hills and Berkshires	Tuesday



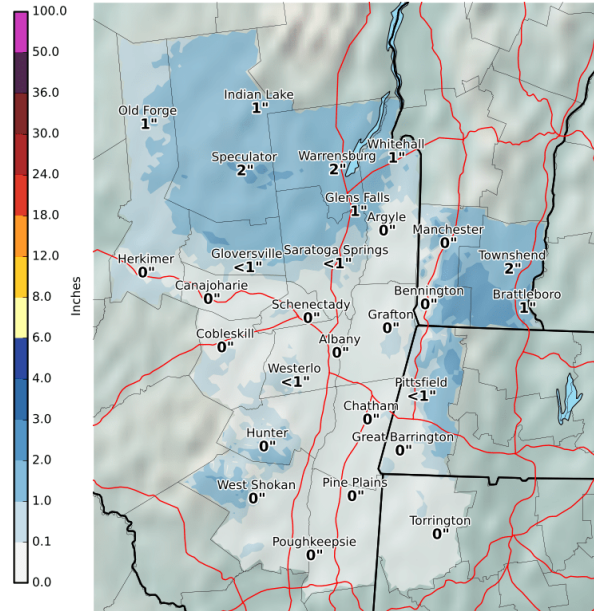
# Probabilistic Snowfall Forecast

## Expected Snowfall

### Expected Snowfall - Official NWS Forecast

Valid: 12/31/2018 03:00 PM - 01/01/2019 07:00 PM

\*Please visit our winter page for full suite of graphics



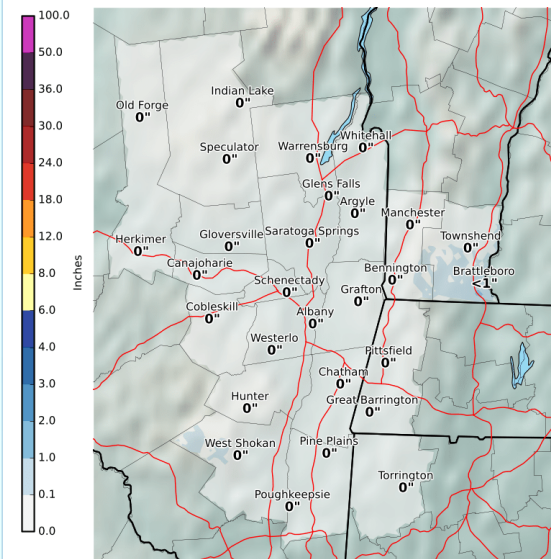
**National Weather Service**  
Albany, New York  
12/31/2018 03:56 AM EST

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## Low End Amount

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

Valid: 12/31/2018 01:00 PM - 01/01/2019 07:00 PM



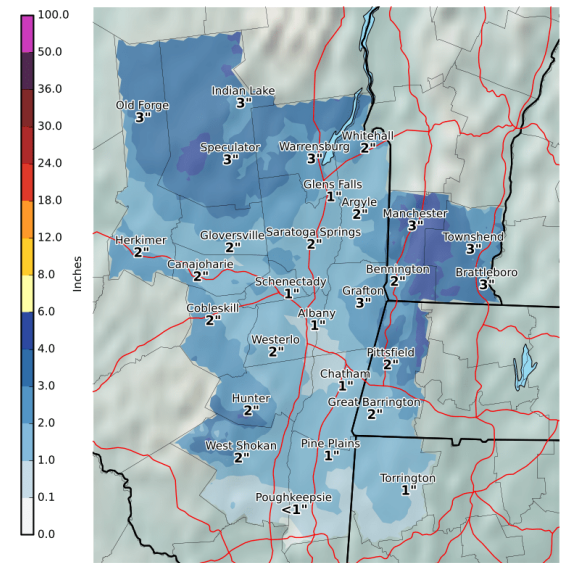
**National Weather Service**  
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## High End Amount

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

Valid: 12/31/2018 01:00 PM - 01/01/2019 07:00 PM



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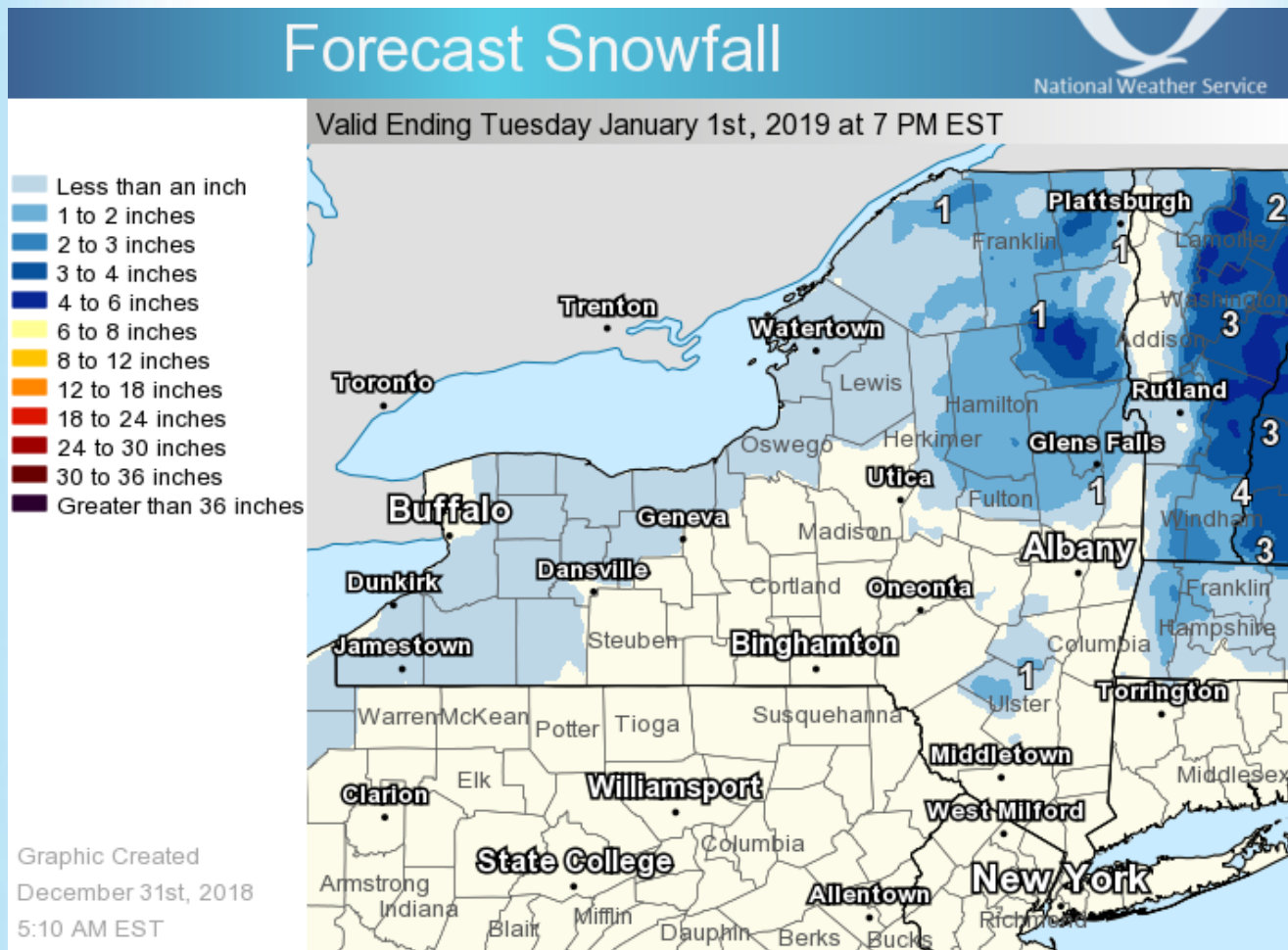


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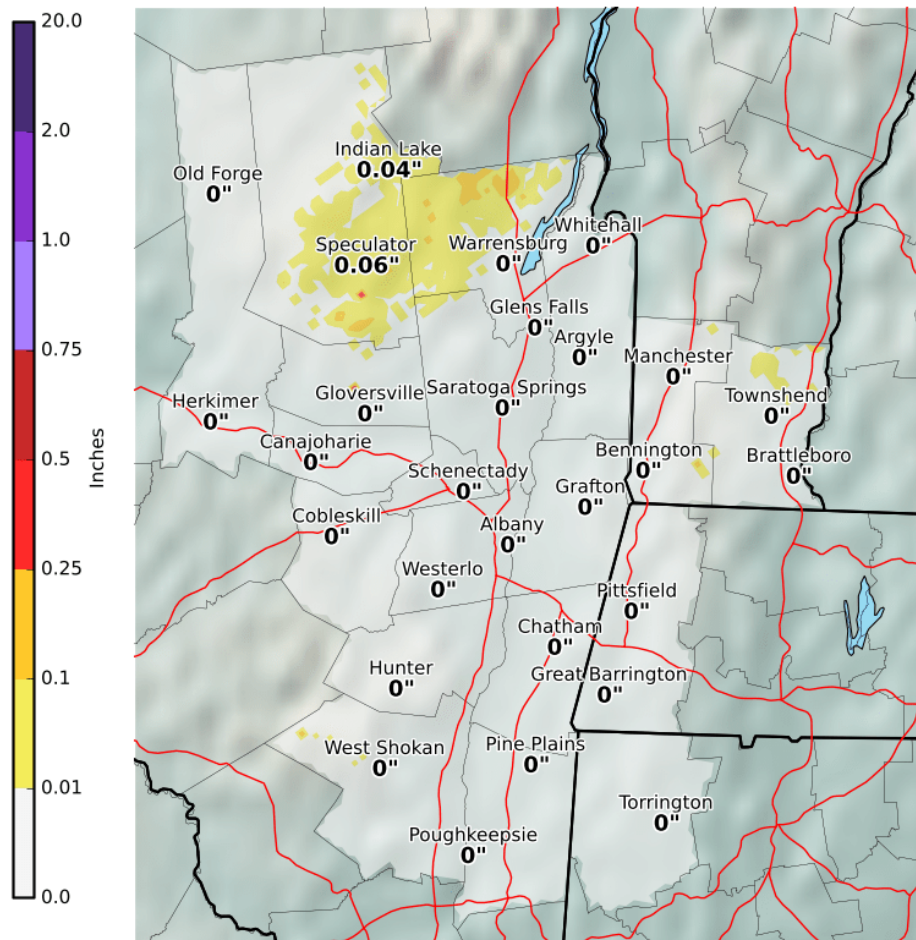
# Snowfall Forecast



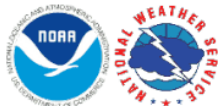
[www.weather.gov/aly/winter](http://www.weather.gov/aly/winter)

## Expected Ice Accumulation- Official NWS Forecast

Valid: 12/31/2018 01:00 PM - 01/01/2019 07:00 PM



**Impacts and Timing:**  
✓ Ice accretion may lead to hazardous travel conditions this evening into early Tuesday morning



**National Weather Service**  
**Albany, New York**  
12/30/2018 03:16 PM EST

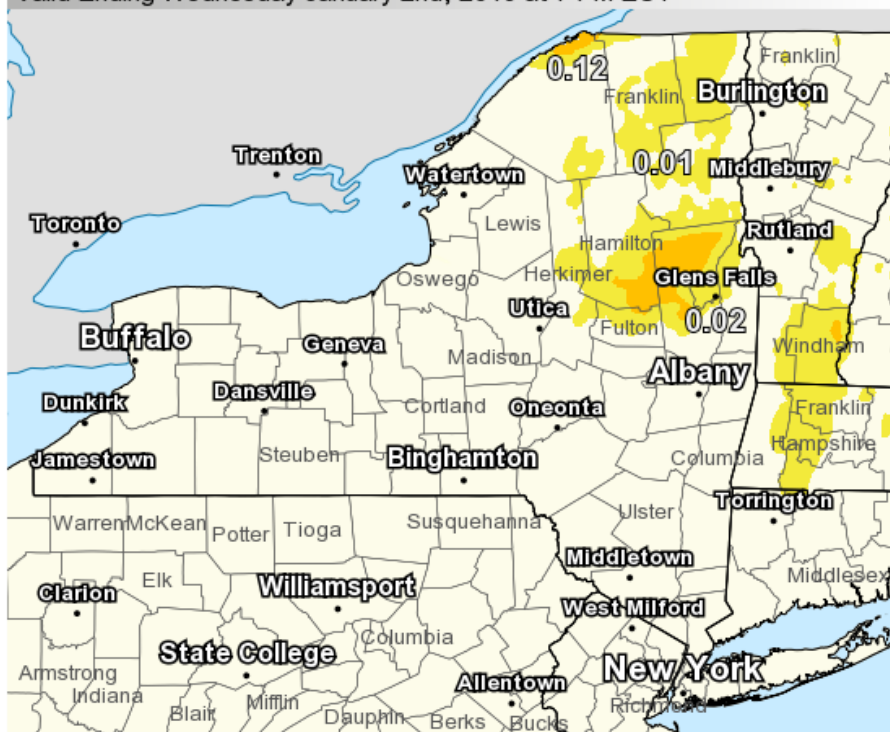
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## Ice Accumulation Forecast

National Weather Service

Valid Ending Wednesday January 2nd, 2019 at 7 PM EST

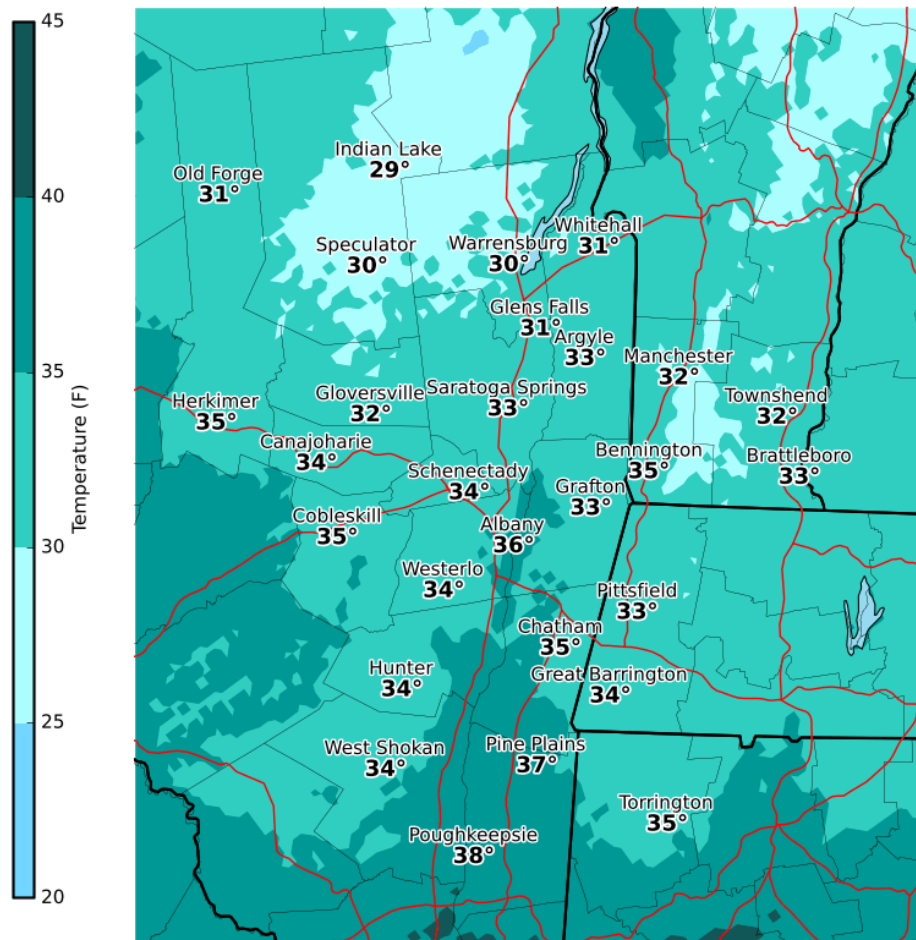


Graphic Created  
December 31st, 2018  
5:08 AM EST

- Impacts and Timing:**
- ✓ Ice accretion may lead to hazardous travel conditions this evening into early Tuesday morning

## Low temperatures

Valid: This evening



✓ Temperatures should be coolest this evening before gradually warming overnight into the upper 30s to near 40 by Tuesday morning.



**National Weather Service**  
Albany, New York

12/31/2018 04:39 AM EST

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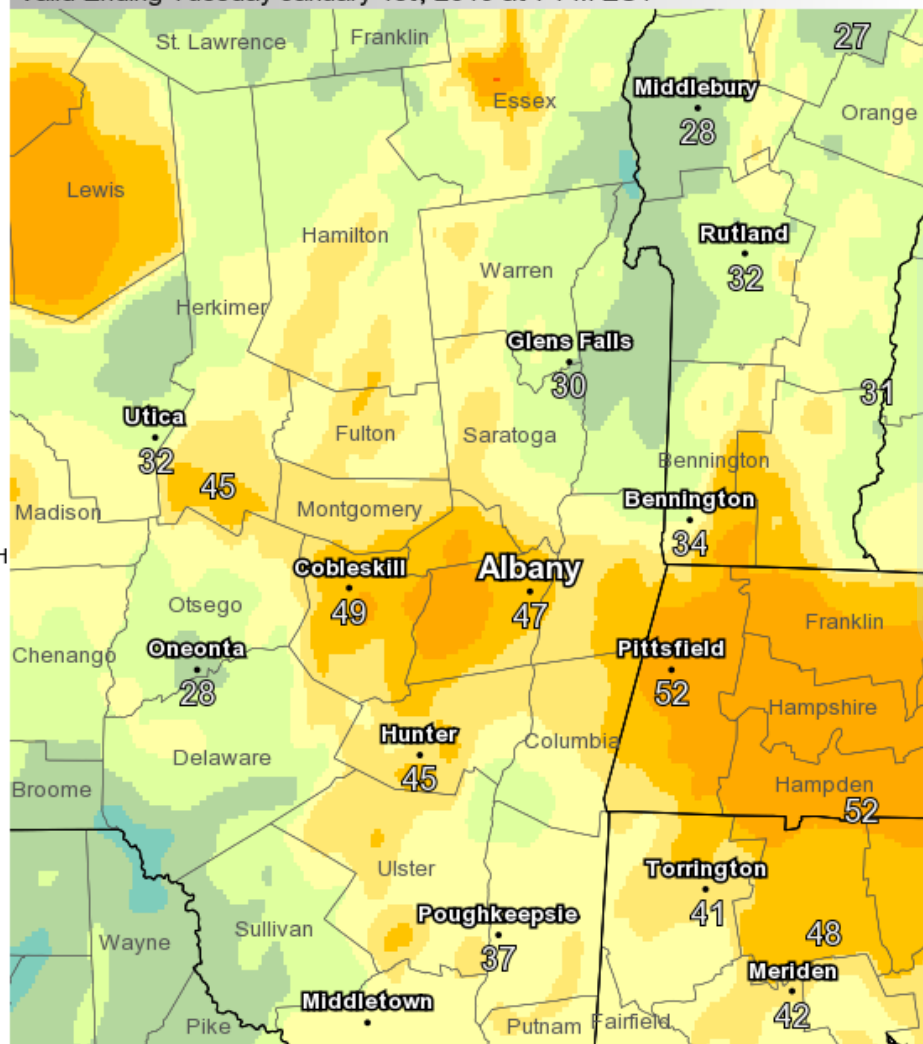
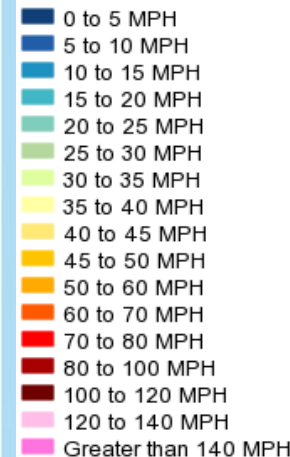
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# Maximum Forecast Wind Gusts

National Weather Service

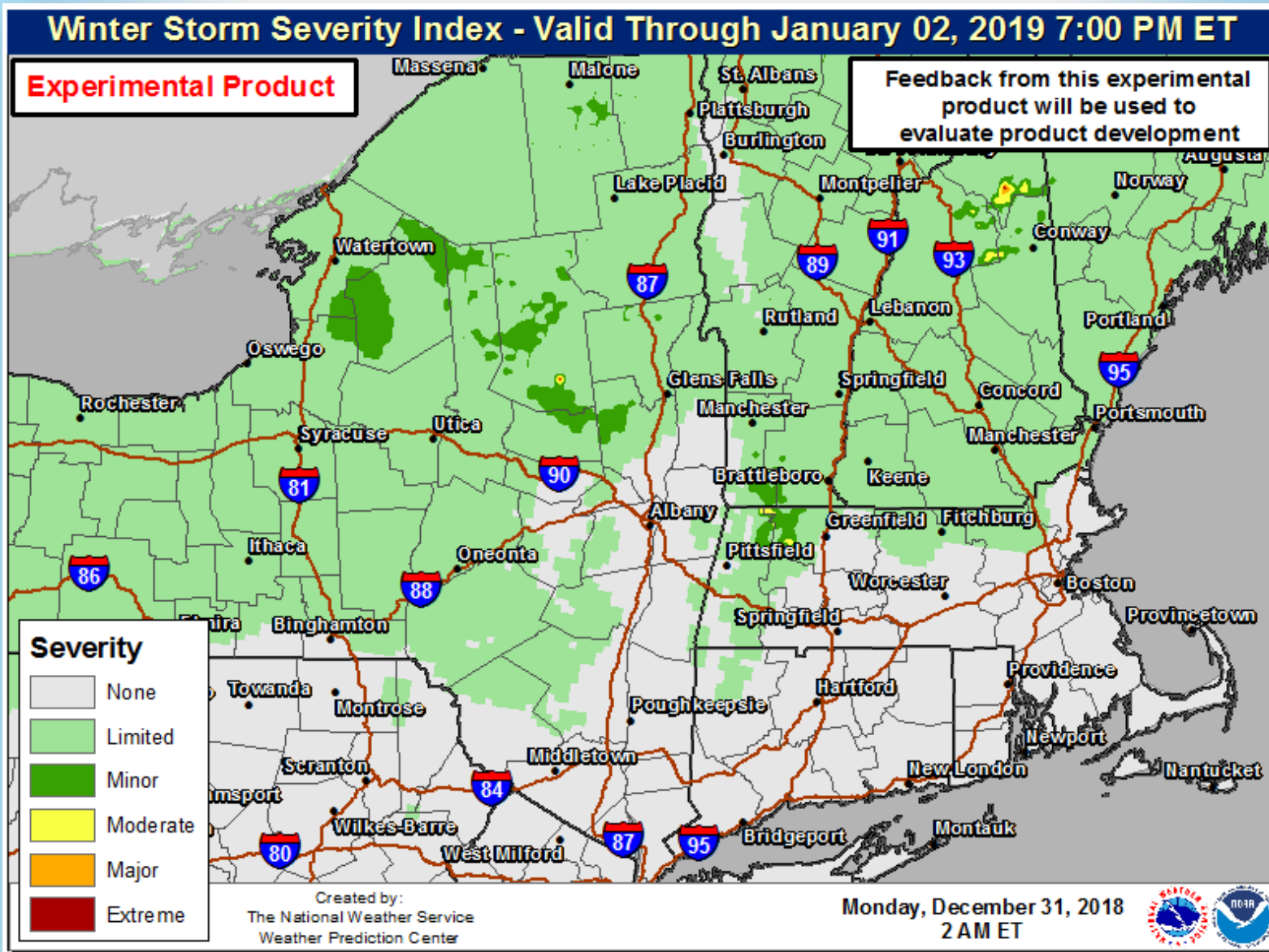
Valid Ending Tuesday January 1st, 2019 at 7 PM EST



- Impacts and Timing:**
- ✓ Wind gusts over 45 mph Tuesday could result in downed trees, tree limbs and isolated to scattered power outages

Graphic Created  
December 31st, 2018  
5:14 AM EST

13



## Mixed Precipitation Event Summary

- ✓ Precipitation is expected to overspread eastern NY and western New England late this afternoon into this evening. It will begin as a wintry mix of snow, sleet and freezing rain for the southern Adirondacks, Upper Hudson Valley, western Mohawk Valley, southern VT and the Berkshires. We have issued a Winter Weather Advisory for these areas due to the potential of snow, sleet and ice accumulations.
- ✓ Period of greatest impact: **Tonight through Early Tuesday morning, primarily 5 PM to 5 AM.** Slippery travel conditions are possible due to snow, sleet and ice accumulations.
- ✓ Temperatures should be in the low to mid 30s in the Winter Weather Advisory areas as precipitation arrives which should allow for a coating to up to 3 inches of snow and sleet to accumulate as well as up to a tenth of an inch of ice. Temperatures should gradually warm overnight allowing wintry mix to transition to plain rain.
- ✓ Confidence is **HIGH** that this event will occur and **MODERATE** on the expected impacts.



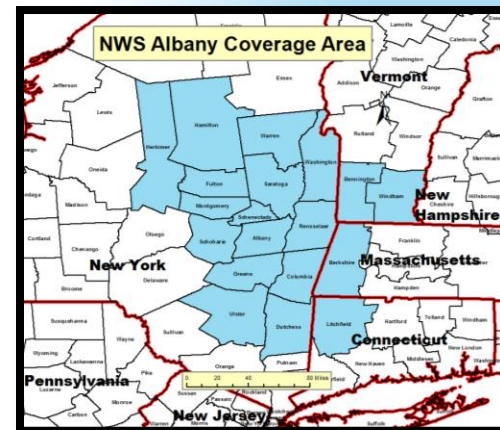
## Strong Winds Event Summary

- ✓ Winds are expected to gust 45 to 60 mph Tuesday in the Mohawk Valley including the Capital District, the Schoharie Valley, eastern Catskills, northern and central Taconics, southern Green Mountains and Litchfield Hills and Berkshires. A Wind Advisory and High Wind Watch has been issued for these areas.
- ✓ Period of greatest impact: **Tuesday, primarily 6 AM to 4 PM**. Downed trees and tree limbs, possibly resulting in isolated to scattered power outages.
- ✓ Confidence is **HIGH** that winds gusting above 45 mph will occur and **MODERATE** that gusts will reach 50 to 60 mph.

# Contact and Next Briefing Information



**Next Briefing**  
*When: By 6PM Monday  
December 31<sup>st</sup>, 2018*  
*Method: E-mail*



**Web:**

<http://weather.gov/aly>



**E-mail:**

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**Disclaimer:** *The information contained within this briefing is time-sensitive, do not use after 6PM Monday December 31, 2018*

