

# Major Winter Storm this Weekend

**Decision Support Briefing # 5**  
**As of: 500 PM January 18, 2019**

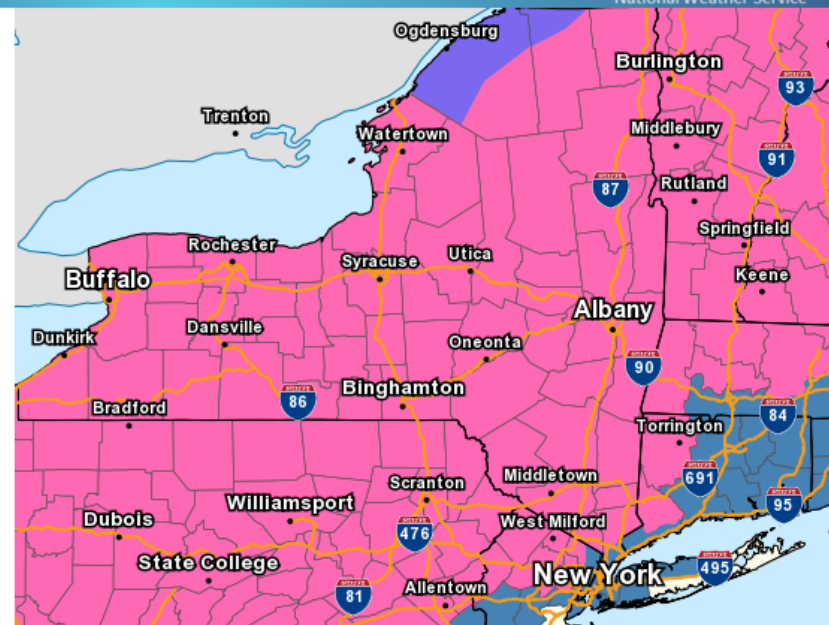


**What Has Changed?**

✓ No changes at this time

## Winter Watches Warnings and Advisories

■ Winter Storm Warning  
■ Winter Weather Advisory  
■ Winter Storm Watch

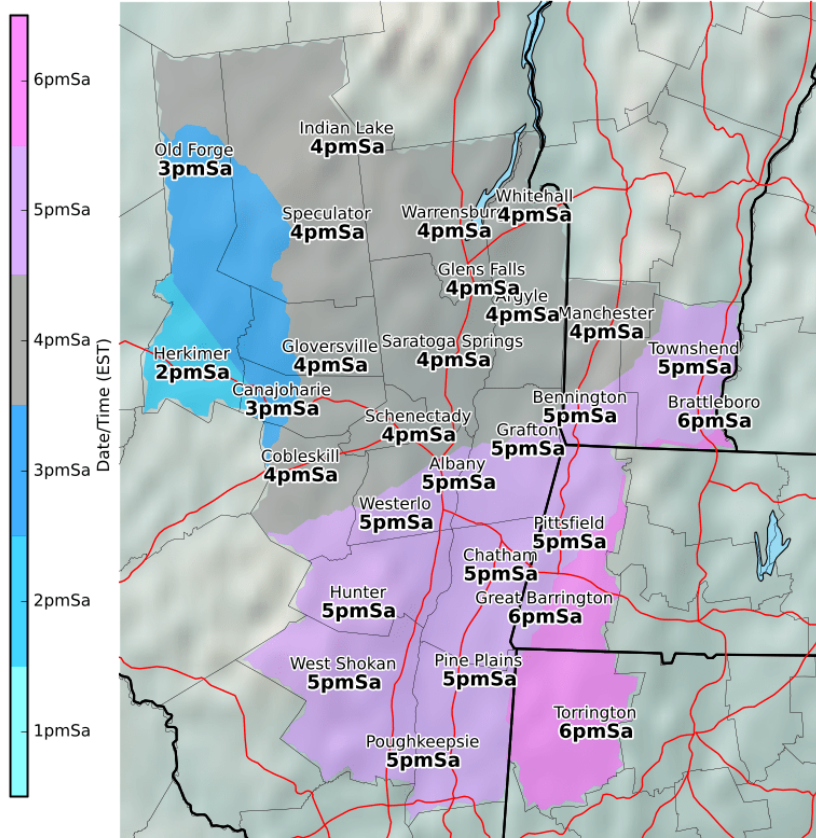


Graphic Created  
January 18th, 2019  
4:01 PM EST

# Snow Starting & Ending Times Tonight/Friday

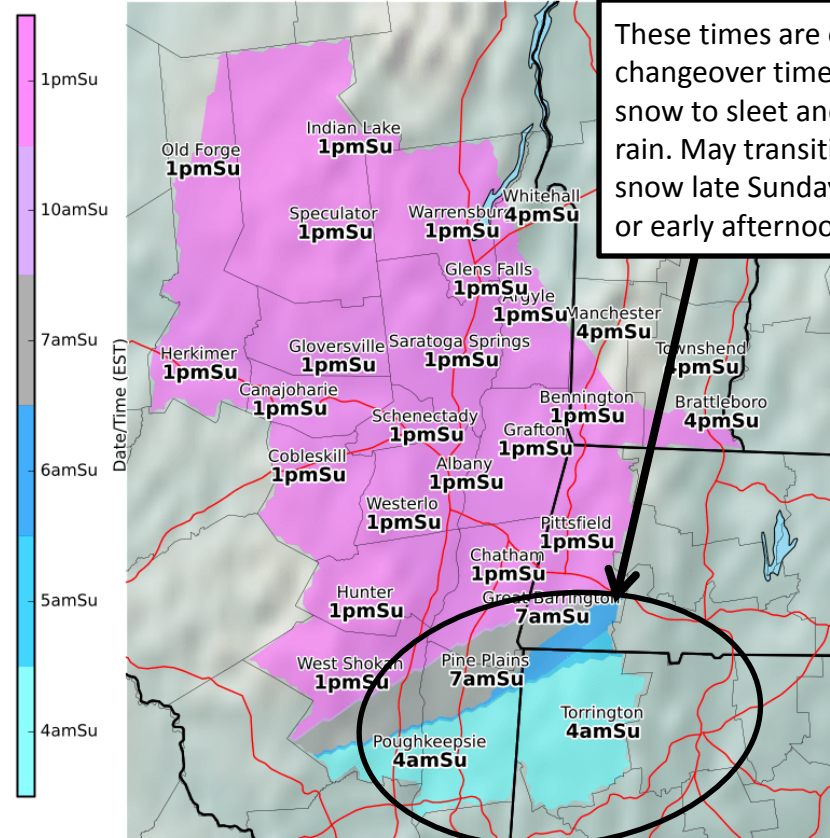
## Winter Precipitation Onset Time

Valid: 01/18/2019 04:00 PM - 01/22/2019 04:00 AM EST



## Winter Precipitation End Time

Valid: 01/18/2019 04:00 PM - 01/22/2019 04:00 AM 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.



**National Weather Service**  
Albany, New York  
01/18/2019 04:05 PM EST

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## Main Points

Hazard	Impacts	Location	Timing
Heavy Snow 	Snowfall of 12 to 20 inches will result in difficult to impossible travel conditions. High snowfall rates of 1 – 3 inches per hour possible.	Eastern New York and western New England (except Ulster, Dutchess, Litchfield and southern Berkshire counties)	4 PM Saturday to 4 PM Sunday
Heavy Snow & Wintry Mix 	Snowfall of 6 to 12 inches plus up to 2 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 Saturday 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



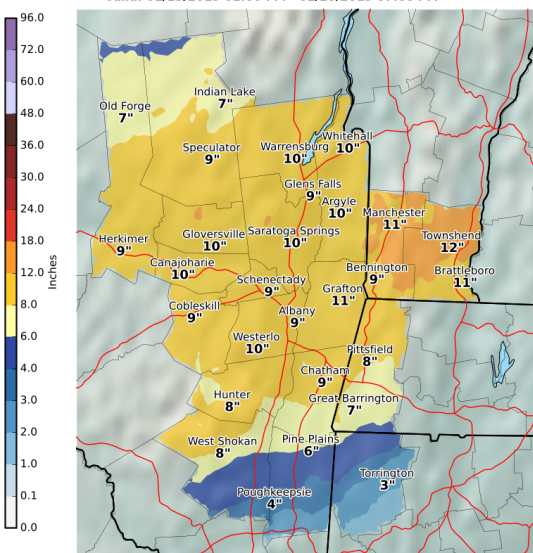
# Probabilistic Snowfall Forecast

## Expected Snowfall

### Low End Amount

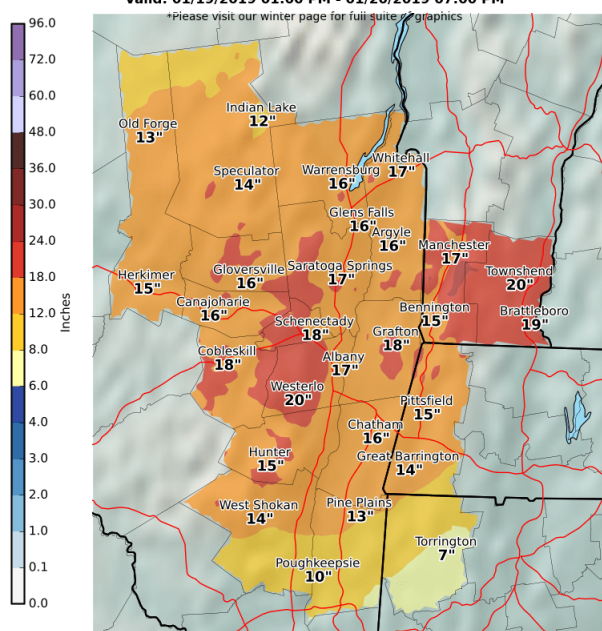
#### Low End Amount - 9 in 10 Chance (90%) Of Higher Snowfall

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



#### Expected Snowfall - Official NWS Forecast

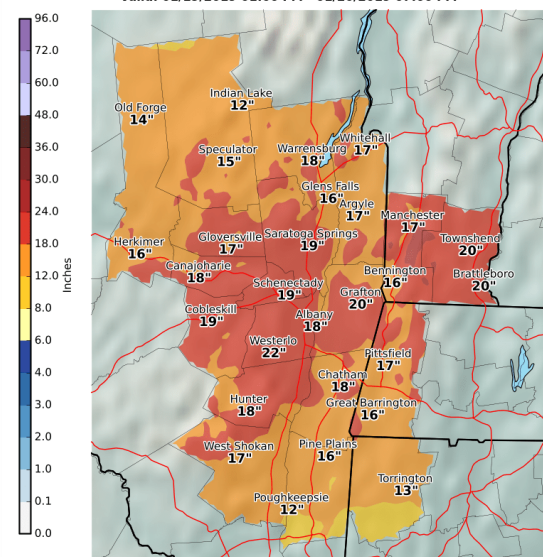
Valid: 01/19/2019 01:00 PM - 01/20/2019 07:00 PM



### 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

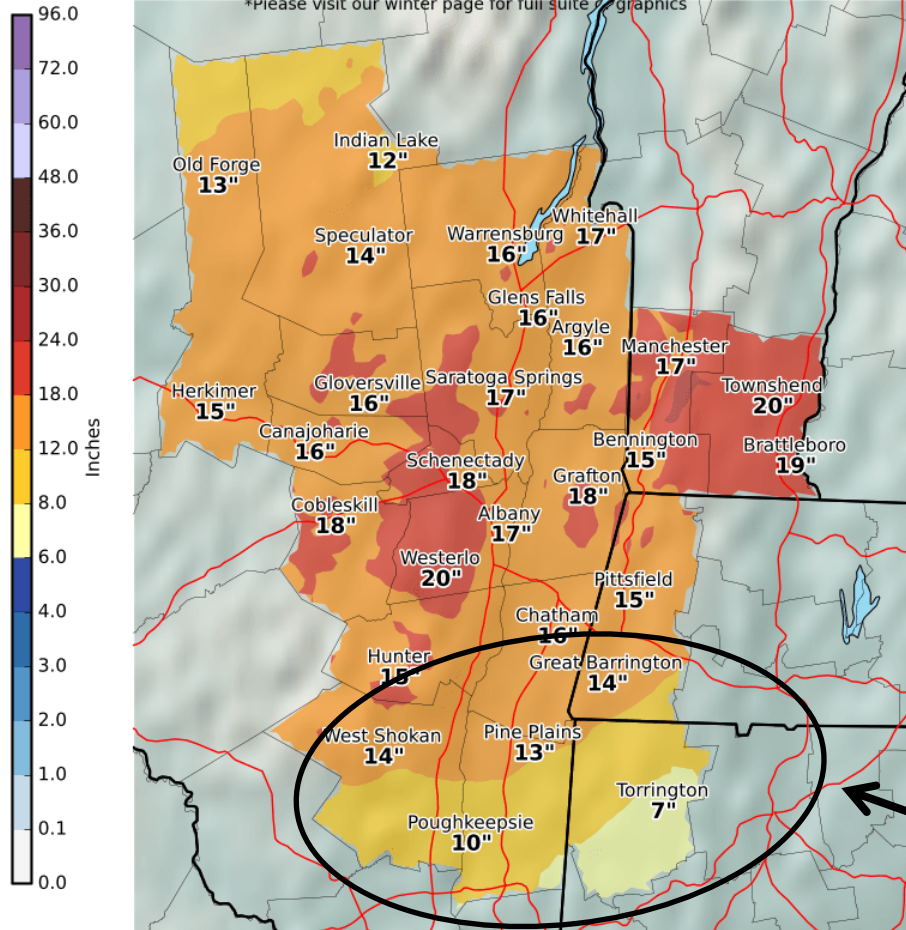


[www.weather.gov/aly/winter](http://www.weather.gov/aly/winter)

### 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



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 Saturday night



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Albany, New York

01/18/2019 04:00 PM EST

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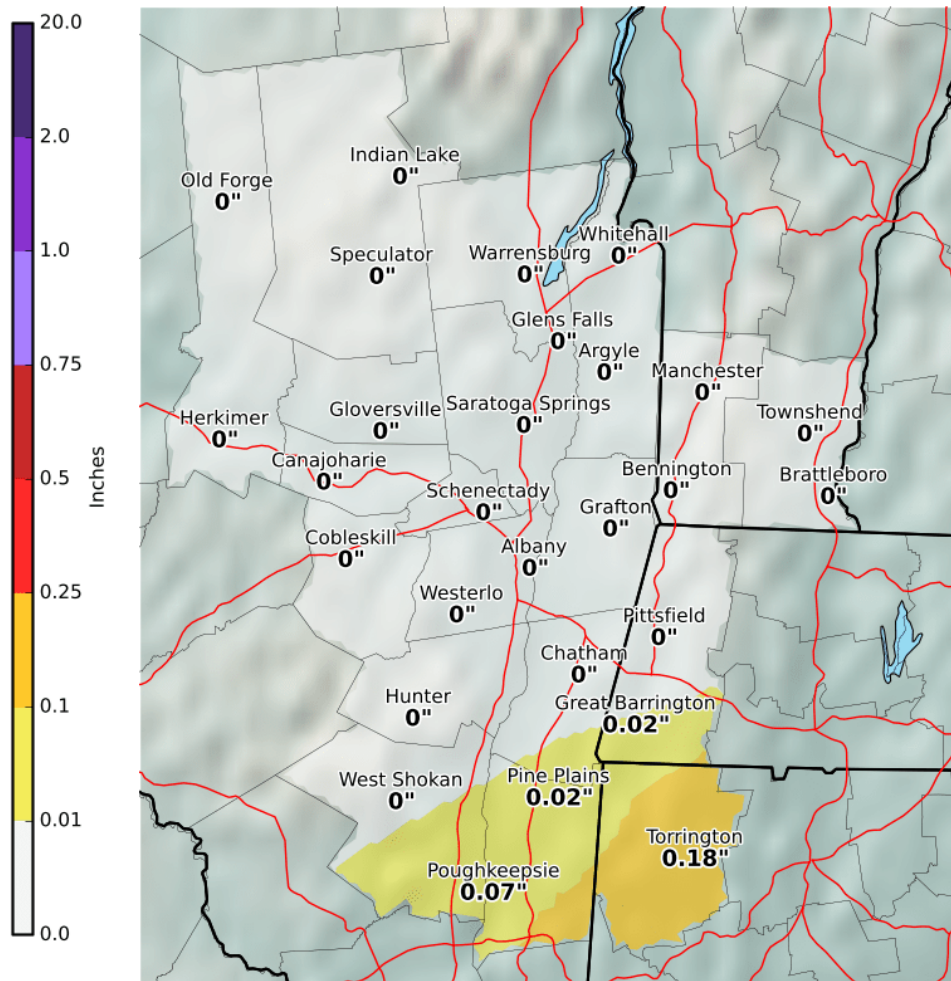
[weather.gov/Albany/winter](http://weather.gov/Albany/winter)





## Expected Ice Accumulation- Official NWS Forecast

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



## Impacts and Timing:

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



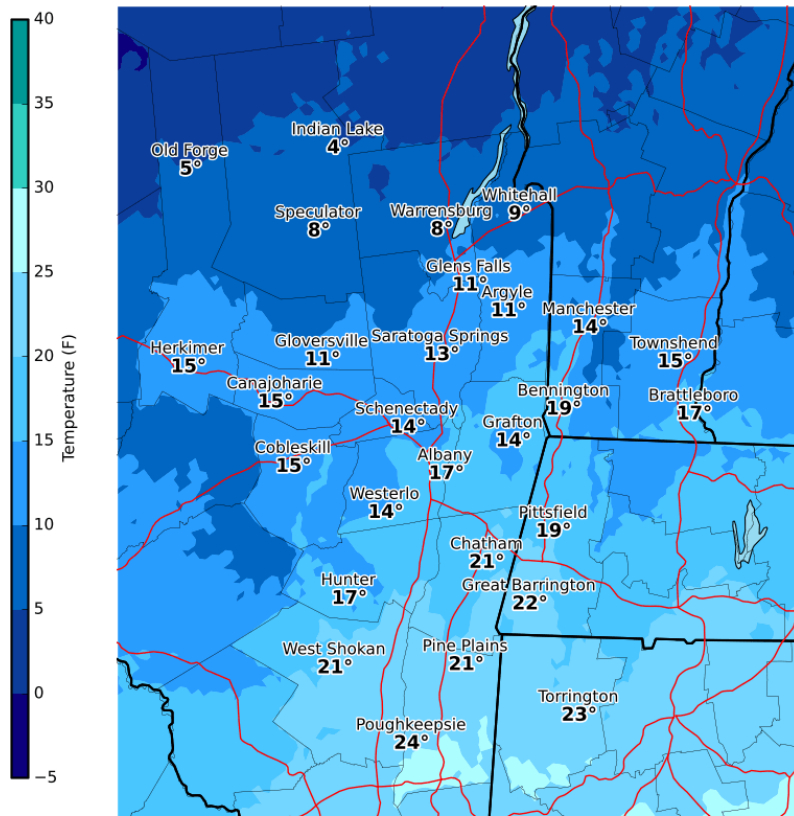
**National Weather Service**  
**Albany, New York**  
01/18/2019 04:04 PM EST

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# Temperatures

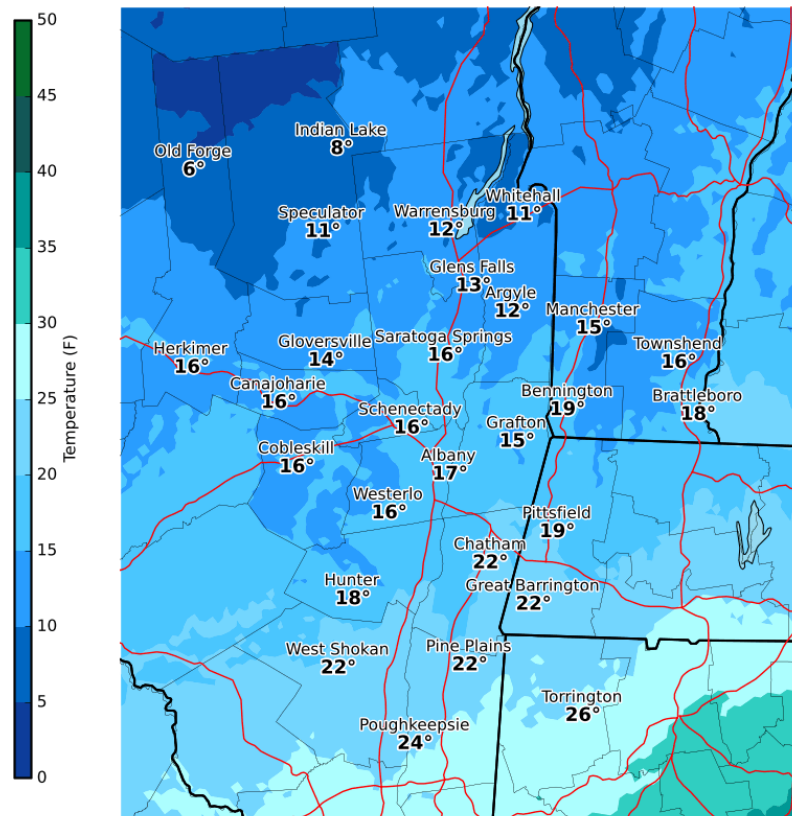
## Low Temperatures

Valid: Saturday Night



## High Temperatures

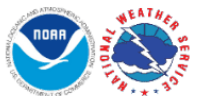
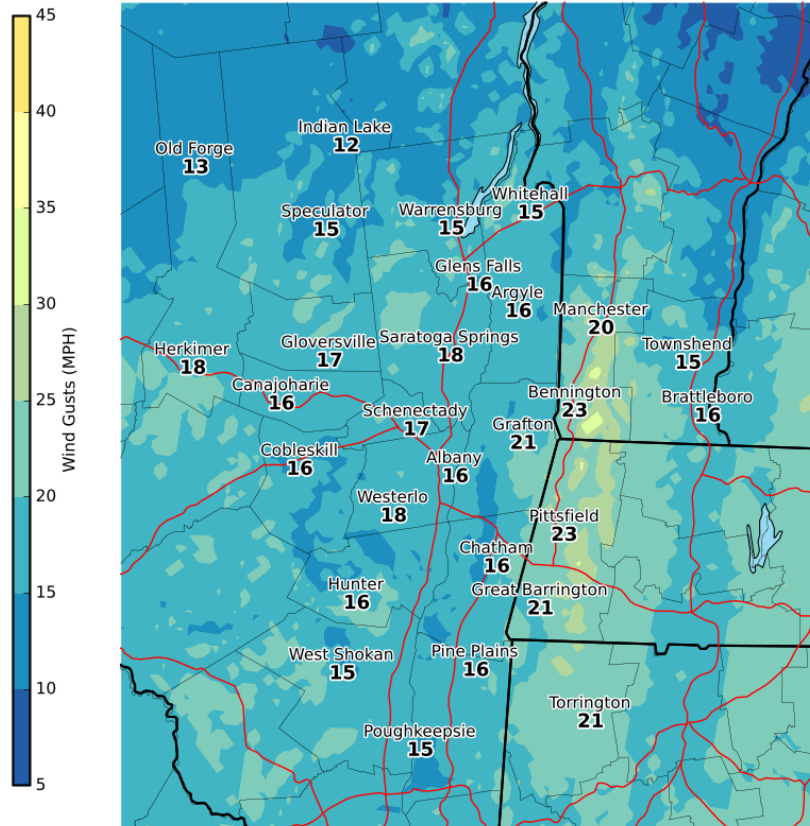
Valid: Sunday



# Wind Gusts

**Maximum Wind Gusts**

Valid: Saturday Night



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**Albany, New York**  
01/18/2019 04:59 PM EST

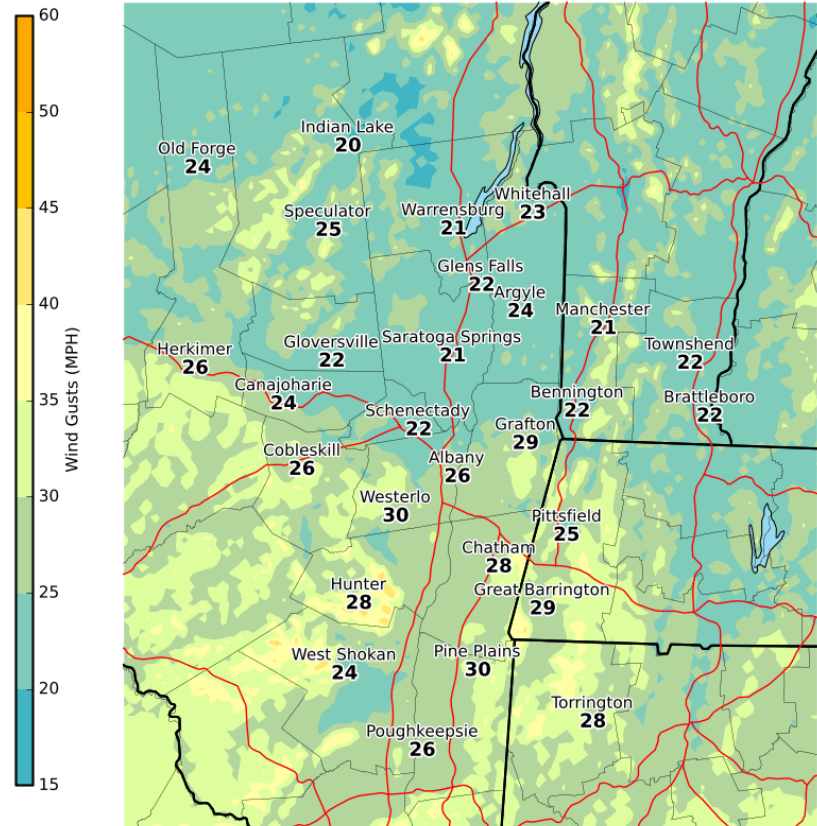
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**Maximum Wind Gusts**

Valid: Sunday



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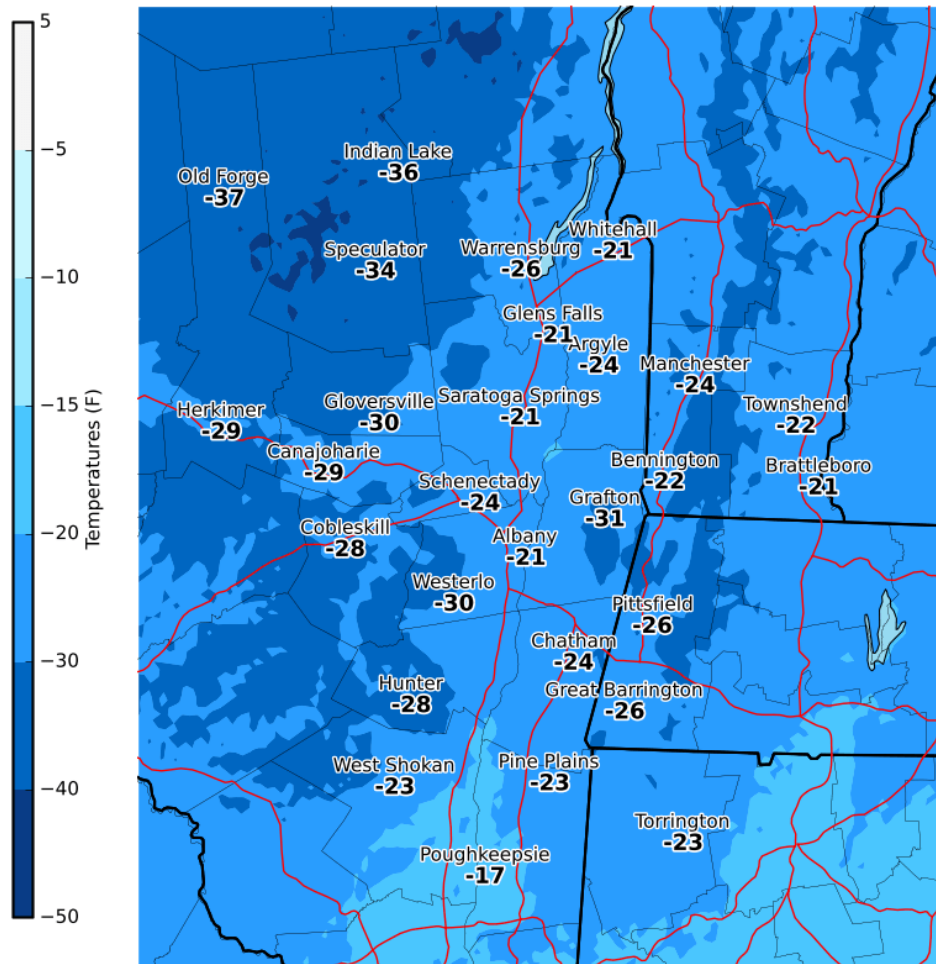


[weather.gov/Albany](http://weather.gov/Albany)



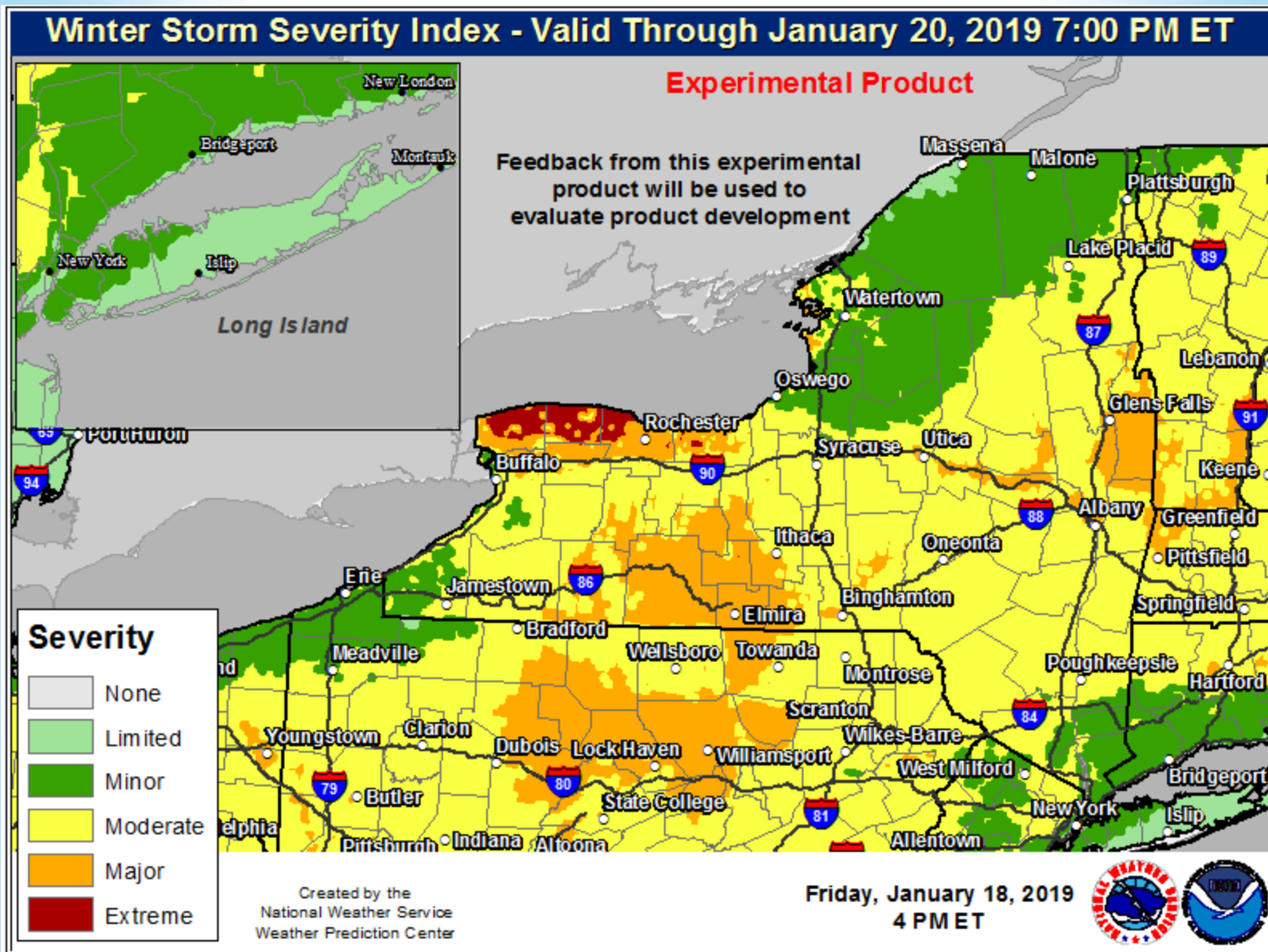
## Minimum Wind Chills

Valid: Sunday Night



## Impacts:

- ✓ **Life-Threatening** Wind Chills of -15 to -40 degrees possible Sunday night and Monday.
- ✓ Frostbite and hypothermia can occur to exposed skin in under 30 minutes.



## Event Summary – Major Winter Storm this Weekend

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



Light snow is expected to begin Saturday afternoon, becoming heavy at times Saturday evening into Sunday with snowfall rates up to 1-3 inches per hour. Totals of 12 to 20 inches will make travel difficult to impossible.



Lower snow totals of 6 to 12 inches are possible due to mixing with sleet and freezing rain across eastern Ulster, Dutchess, Litchfield and southern Berkshire counties Saturday night 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.

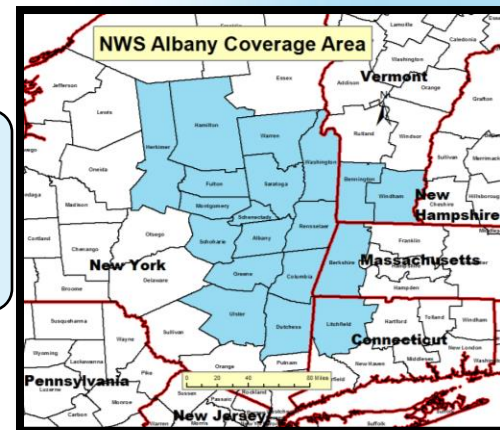


# Contact and Next Briefing Information



## Next Briefing

**When:** By 6 am Saturday, January 19<sup>th</sup>  
**Method:** E-mail



**Web:**

<http://weather.gov/aly>



**E-mail:**

[Alb.stormreport@noaa.gov](mailto:Alb.stormreport@noaa.gov)



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**Disclaimer:** The information contained within this briefing is time-sensitive, do not use after 6 am Saturday, January 19<sup>th</sup>

