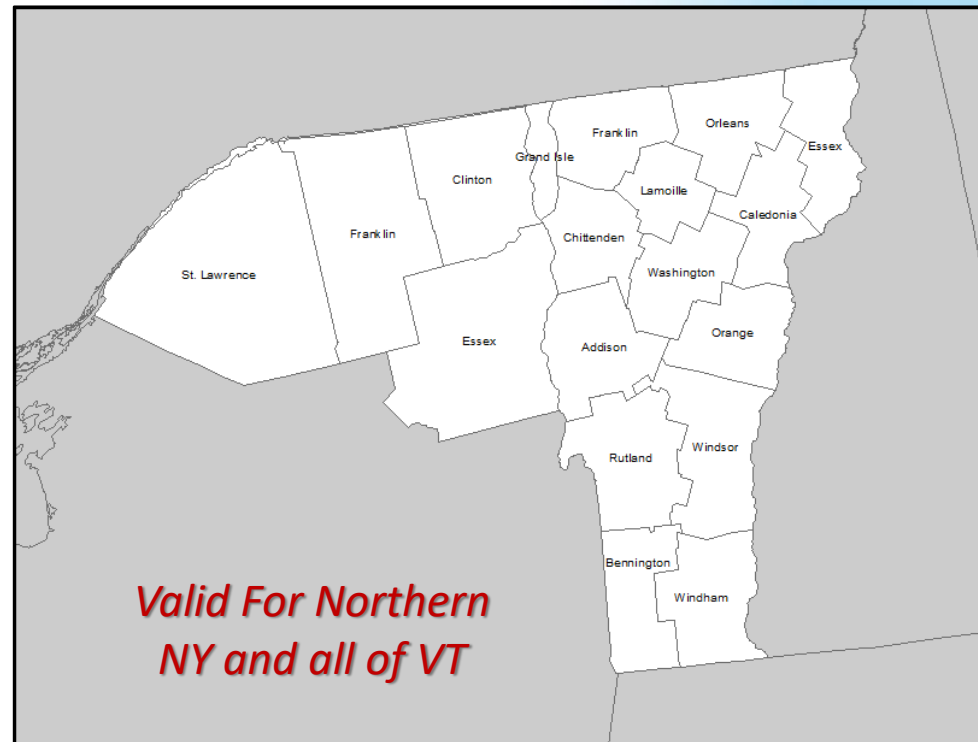


Winter Storm Continuing Through Friday

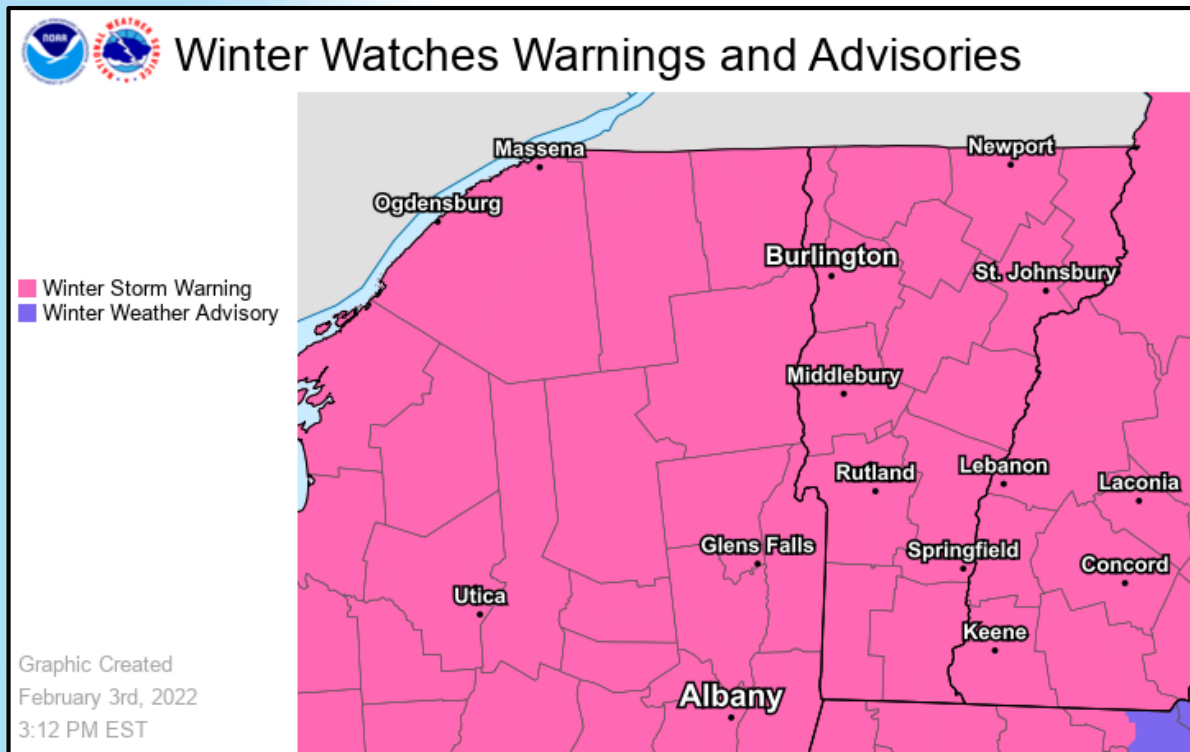
Decision Support Briefing #8 4 PM Thursday, February 3rd

Key messages:

- ✓ Winter Storm Warnings remain in effect for the entire area.
- ✓ Long duration winter storm.
- ✓ Moderate to heavy snow expected late tonight through early Friday morning.
- ✓ Travel impacts are expected, especially during the Friday morning commute.



Winter Weather Warnings & Advisories



- **Winter Storm Warning** for northern New York until 7 am Friday.
- **Winter Storm Warning** for Vermont and the Champlain Valley of New York until 1 pm Friday.
- **Winter Storm Warning** for Bennington and Windham Counties in Vermont from 5 PM this evening until 5 PM Friday.

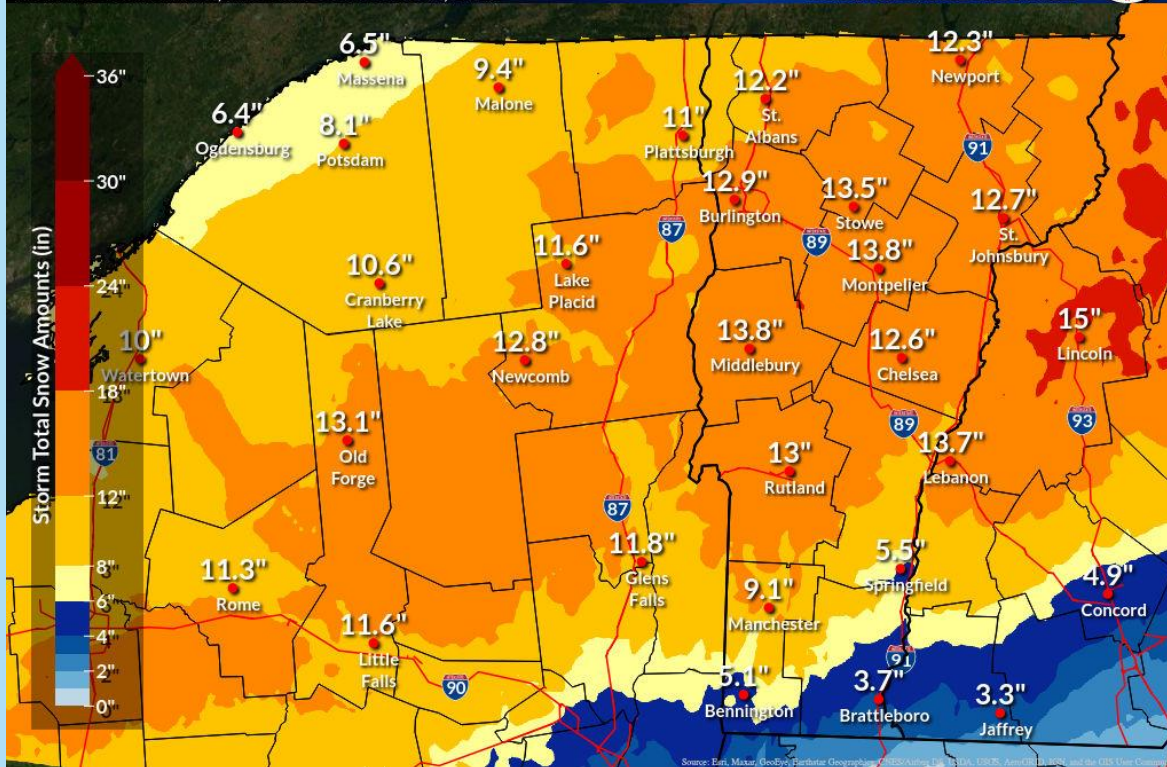
Expected Storm Total Snowfall Through Friday Afternoon

HEAVIEST SNOWFALL: *Between 11 PM tonight through 6 AM Friday morning with rates of 1" to 2" per hour, mainly across the southern Adirondacks and central Vermont.*

Storm Total Snowfall Forecast

Valid 1 AM Thu Feb 03, 2022 to 7 PM Fri Feb 04, 2022

Weather Forecast Office
Burlington, VT
Issued Feb 03, 2022 3:28 PM EST



Snowfall totals expected to be **7 to 14 inches** across much of the area with slightly lesser amounts over far southern Vermont.

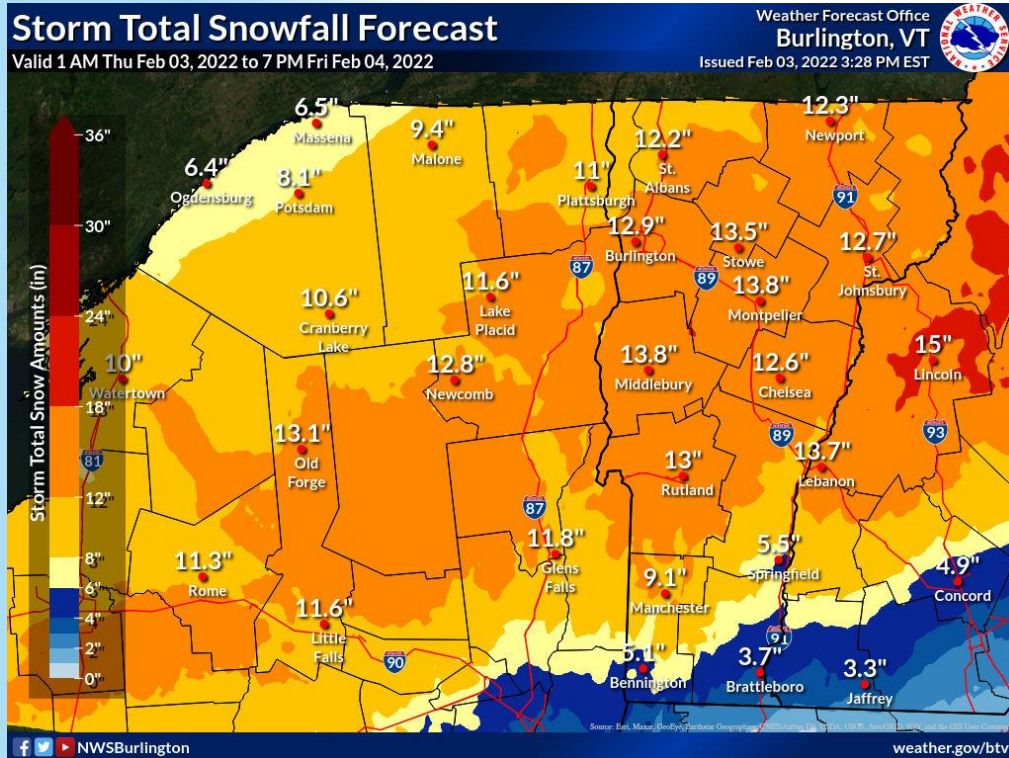
Northern New York

- ✓ 1 to 3 inches through this evening.
- ✓ An additional 5 to 10 inches late tonight through early Friday morning.

Vermont and Champlain Valley

- ✓ A dusting to 2 inches through this evening.
- ✓ An additional 8 to 12 inches late tonight through Friday afternoon.

Wet, Heavy Snow Possible Through Friday Morning



- ✓ Snow across central-southern Vermont may be wet and heavy at times, especially late tonight through Friday morning.
- ✓ A brief period of sleet is possible after midnight.
- ✓ Isolated to scattered power outages are possible.

WET Snow Accumulation

Potential Impacts assuming a Snow/Water Ratio 10:1 or less

< 5 inches

Some weighted tree limbs of Conifers and fully leafed trees

5-10 inches (WE .5-1")

Numerous weighted tree limbs and some power lines. Isolated to scattered outages possible.

10-15 inches (WE 1-1.5")

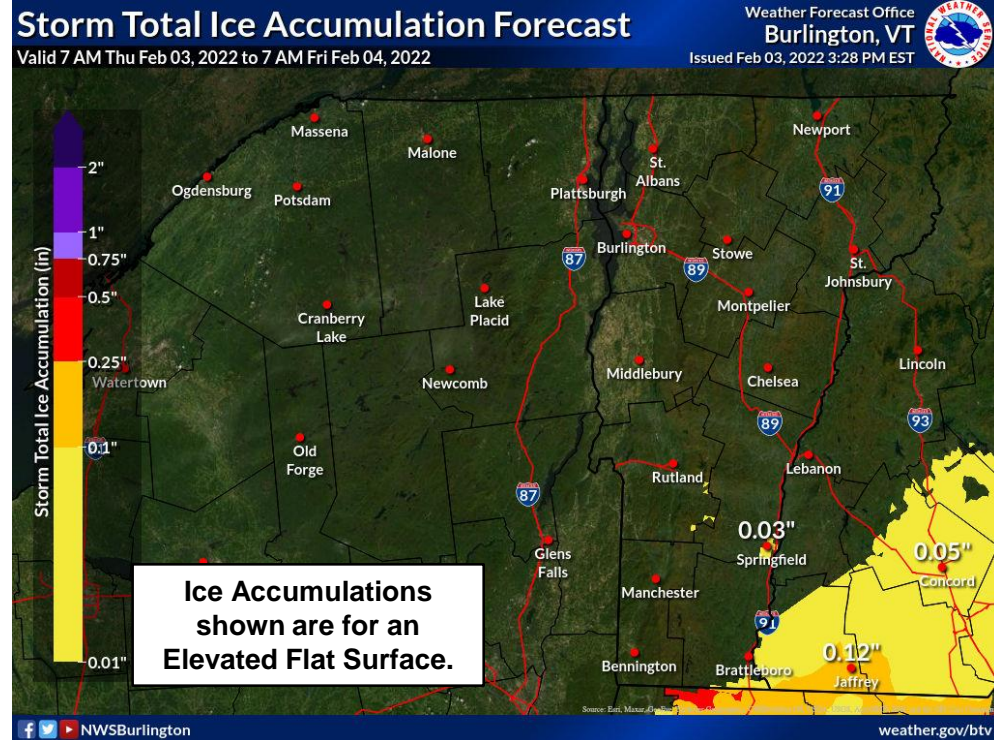
Weighted/snapped tree limbs, especially fully leafed trees. Scattered to Numerous power outages likely.

> 15 inches (WE > 1.5")

Numerous downed tree limbs and some snapped trees. Widespread power outages.

Ice Accumulation Totals and Potential Impacts

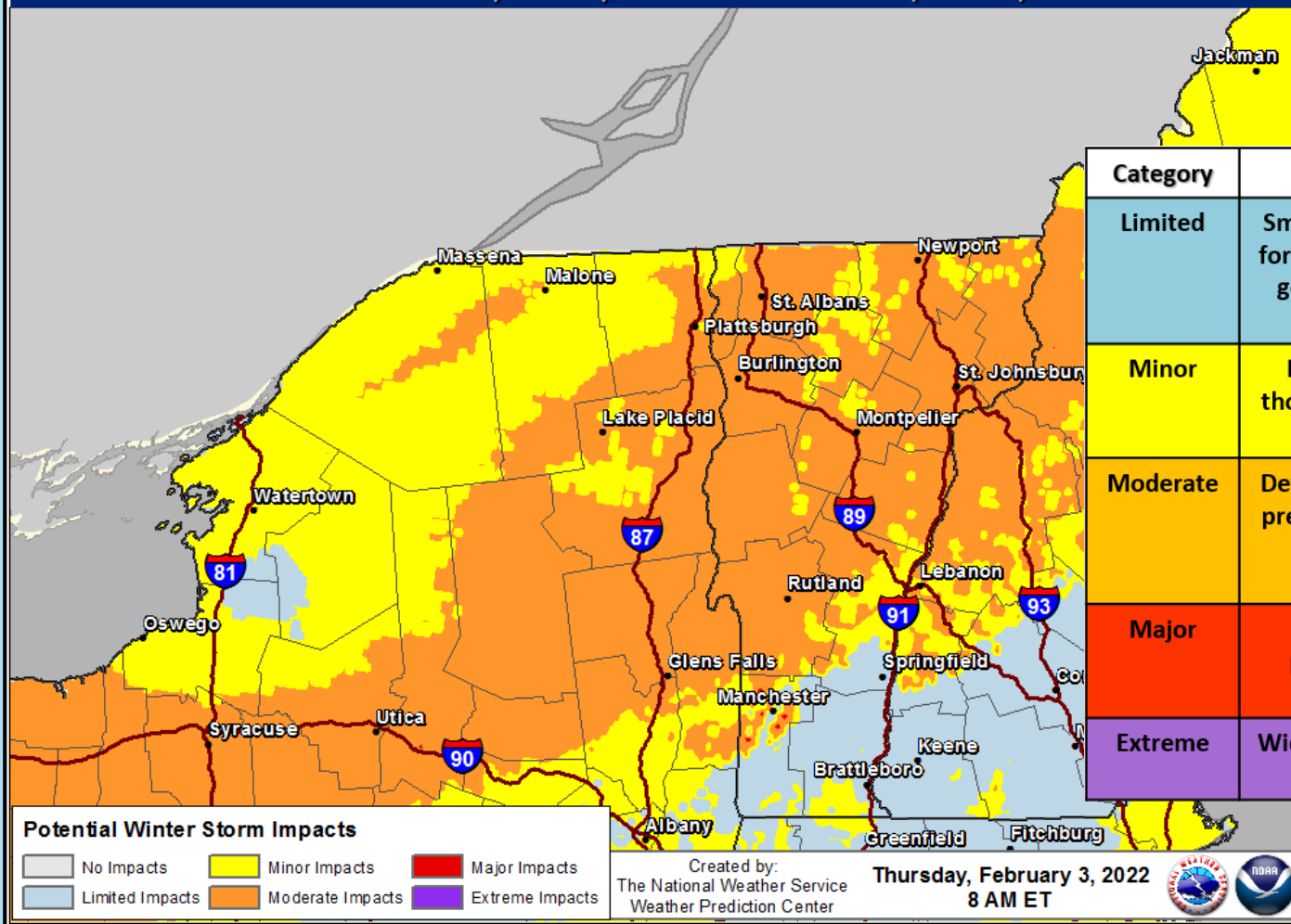
- ✓ Ice accumulations of a glaze up to a few hundredths are possible across portions of southern Vermont.
- ✓ Most likely time period is late tonight through early Friday morning.
- ✓ Potential ice in addition to the expected snow and sleet across this area will make for difficult travel conditions, especially Friday morning.



Ice Accumulation (FLAT)	Potential Impacts
Trace to < 1/4 inch	Slick to Hazardous road and pedestrian surfaces, especially untreated surfaces.
1/4 to 1/2 inch	Hazardous, icy road conditions and some weighted tree limbs. Isolated power outages possible near 1/2".
1/2 to 1 inch	Dangerous road conditions, hanging limbs. Isolated (1/2") to Numerous power outages (1") possible.
1 to 2 inches	Numerous (1") to Widespread (2") power outages likely, possibly lasting a few days. Downed tree limbs/branches and utility lines possibly causing structural or vehicle damage. Very Dangerous road conditions.
>2 inches	Widespread power outages lasting several days or more. Downed tree branches, trees and utility lines, likely causing structural or vehicle damage.

Winter Storm Severity Index

WSSI Overall - Valid From Thu, Feb 03, 2022 08 AM ET To Fri, Feb 04, 2022 07 AM ET



Category	General Description
Limited	Small accumulations of snow or ice forecast. Minimal impacts, if any. In general, society goes about their normal routine
Minor	Minor disruptions, primarily to those with no preparation. None to minimal recovery time.
Moderate	Definite impacts to those with little preparation. Perhaps up to a day of recovery time for snow/ice accumulation events
Major	Significant impacts, even with preparation. Typically a day or more recovery time.
Extreme	Widespread severe impacts. Several days or more recovery.

Potential Winter Storm Impacts

- No Impacts
- Minor Impacts
- Major Impacts
- Limited Impacts
- Moderate Impacts
- Extreme Impacts

Created by:
The National Weather Service
Weather Prediction Center

Thursday, February 3, 2022
8 AM ET



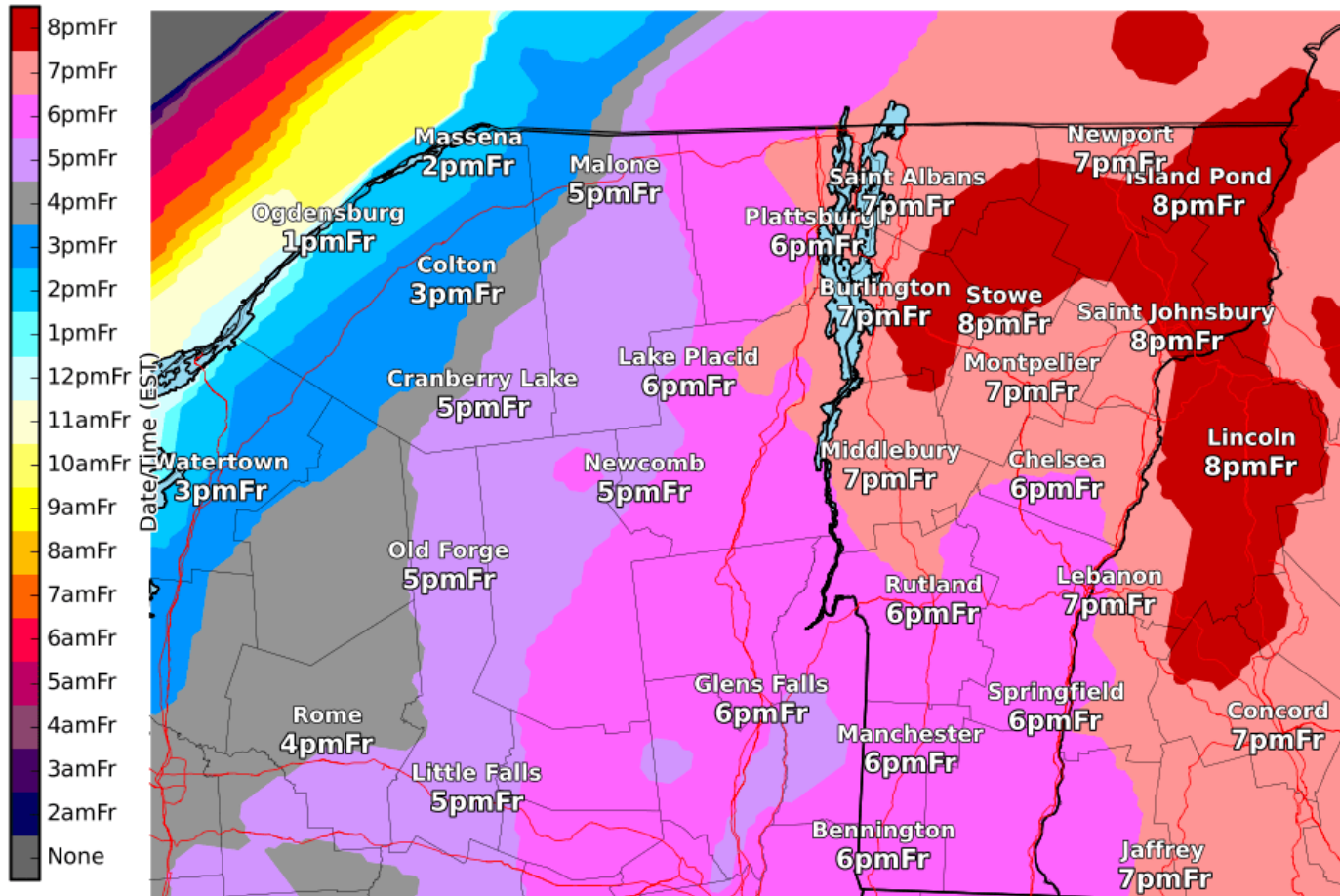
<http://www.wpc.ncep.noaa.gov/wwd/wssi/wssi.php?id=BTV>



Precipitation Ending Time

Precipitation Ending Time

Valid: 1 AM Friday February 04, 2022 to 7 AM Saturday February 05, 2022



Post Storm: Dangerously Cold Wind Chills Possible Saturday Morning

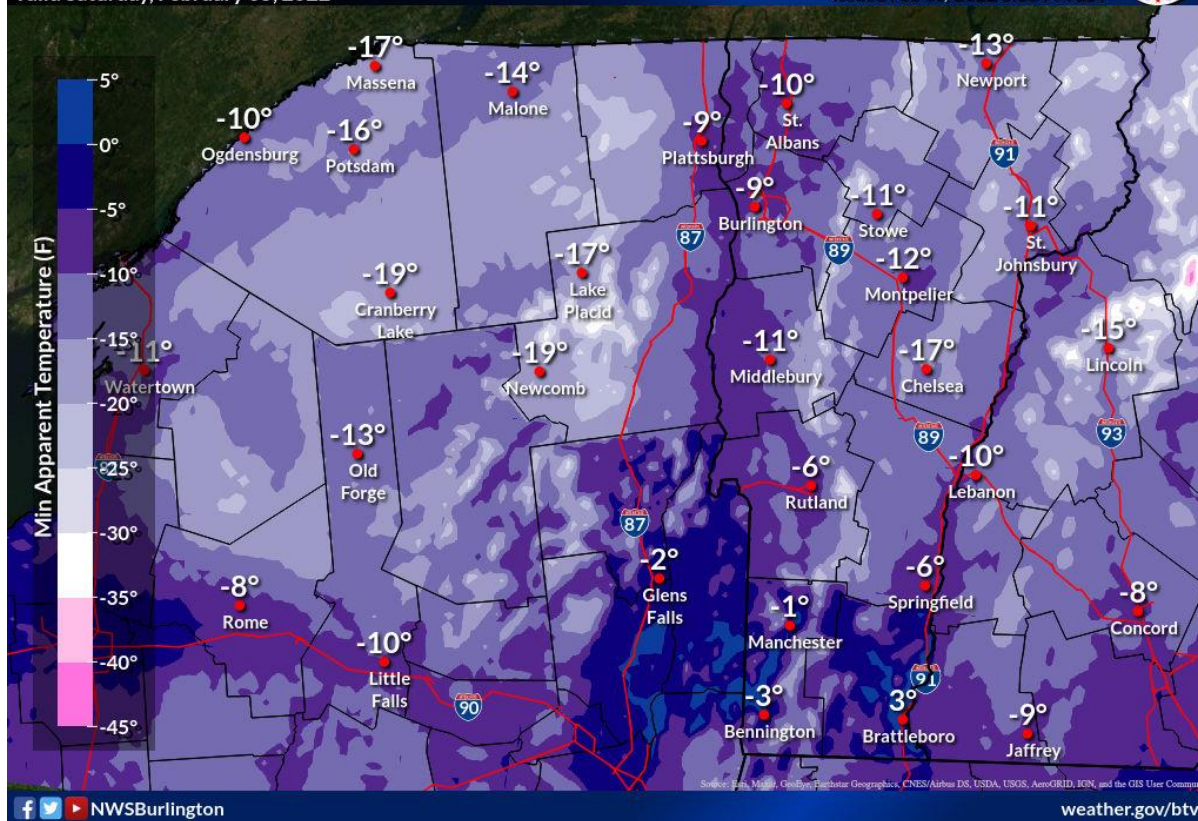
- ✓ Cold temperatures and 5 to 10 mph winds will create dangerously cold wind chills.
- ✓ Wind chills of -15 to -20F are expected with coldest conditions for portions of northern New York and northeastern Vermont.
- ✓ Frostbite may occur in less than 30 minutes in these conditions.

Minimum Wind Chill Forecast

Valid Saturday, February 05, 2022

Weather Forecast Office
Burlington, VT

Issued Feb 03, 2022 3:30 PM EST



Storm Summary and Expected Impacts

- ✓ Long duration winter storm bringing accumulating snow to all of the North Country.
- ✓ Light snow accumulations this afternoon and evening. Periods of sleet, rain, and snow expected for portions of Bennington, Windsor, and Windham counties.
- ✓ Moderate to heavy snowfall expected late tonight through early Friday morning with the highest rates of accumulation of 1" to 2" per hour.
- ✓ Much of the area expected to see 7 to 14 inches of snow by Friday morning, but slightly less over far southern Vermont where sleet and freezing rain will mix in. 12 to 15 inches of snow expected across portions of the Adirondacks and central Vermont.
- ✓ Difficult travel expected, especially for the Friday morning commute.
- ✓ Wetter snow mainly in southern Vermont may result in isolated power outages.
- ✓ Cold temperatures and a period of dangerously cold wind chills of -15 to -20F are expected for Friday night into Saturday morning.

Contact and Next Briefing Information



**Next Briefing By:
5 AM on Friday, February 4th
Method: e-mail**



Valid For Northern NY and ALL of VT

The latest and most up to date information can always be found at

www.weather.gov/btv



Web:
<http://www.weather.gov/btv/>



Phone (UNLISTED):
(802) 863-4279 or (802) 658-0150



E-mail:
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<https://www.youtube.com/NWSBurlington>

Disclaimer: The information contained within this briefing is time-sensitive, do not use after 5 AM on Friday, February 4th