



# Winter Storm on the Way

January 17, 2023  
4:27 AM

Wednesday through Thursday Morning

## Key Messages

- A winter storm will produce hazardous travel conditions in the region from Wednesday through Thursday morning.
- Anticipate travel impacts - especially for the Wednesday evening and Thursday morning commutes.
- Peak snowfall rates in excess of 1 inch per hour may lead to whiteout conditions.

## Important Forecast Changes

- Increasing potential for freezing rain/sleet along and south of I-80, mixing in with snow.
- Added Winter Weather Advisories for southern counties due to potential for freezing rain/sleet.

## Overall Forecast Confidence



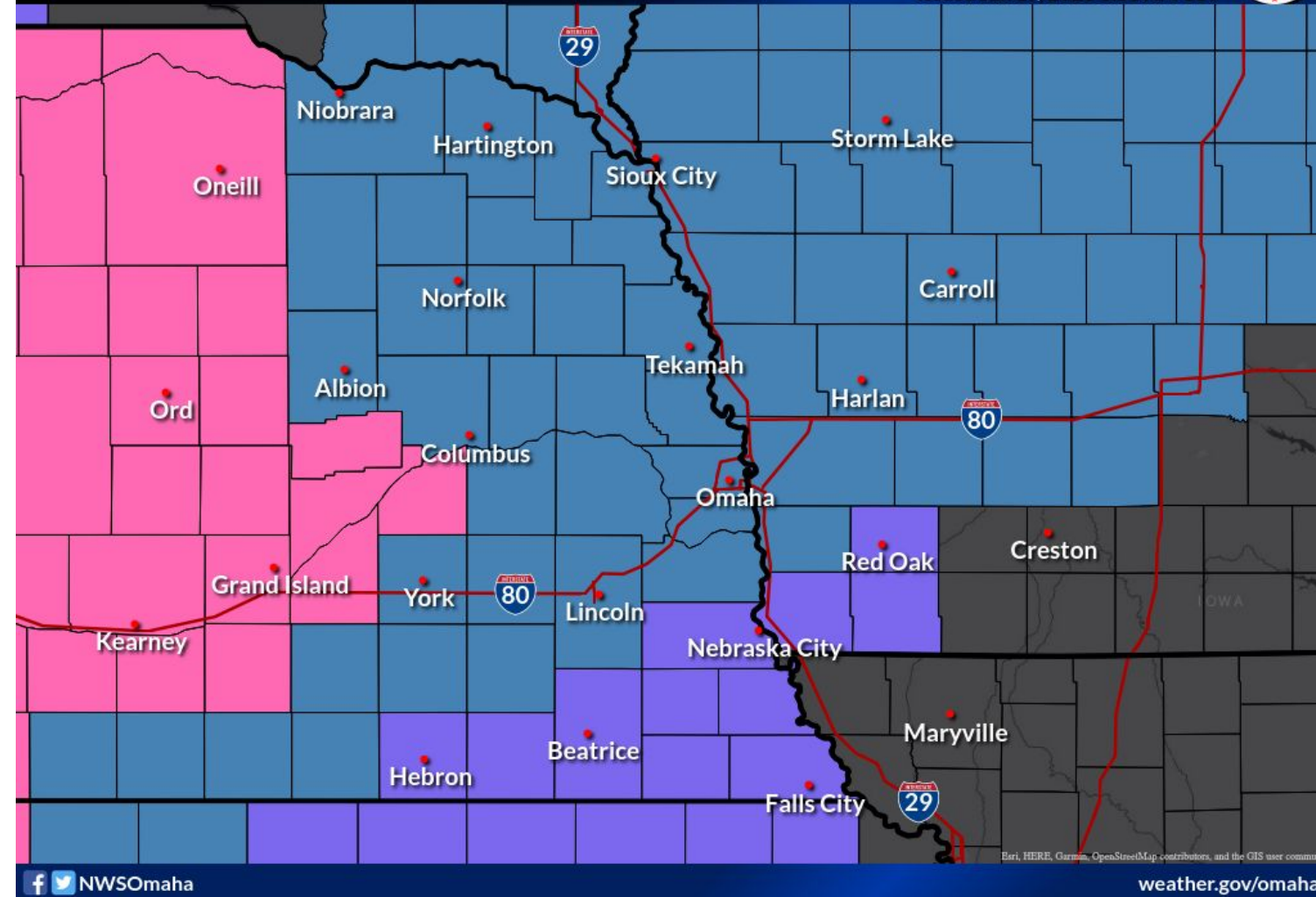
Low

Medium

High

## Watches, Warnings, & Advisories

Weather Forecast Office  
Omaha/Valley, NE  
Issued Jan 17, 2023 3:58 AM CST



f NWSOmaha

weather.gov/omaha



National Oceanic and  
Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Omaha/Valley, NE





# Forecast Snowfall

January 17, 2023  
4:27 AM

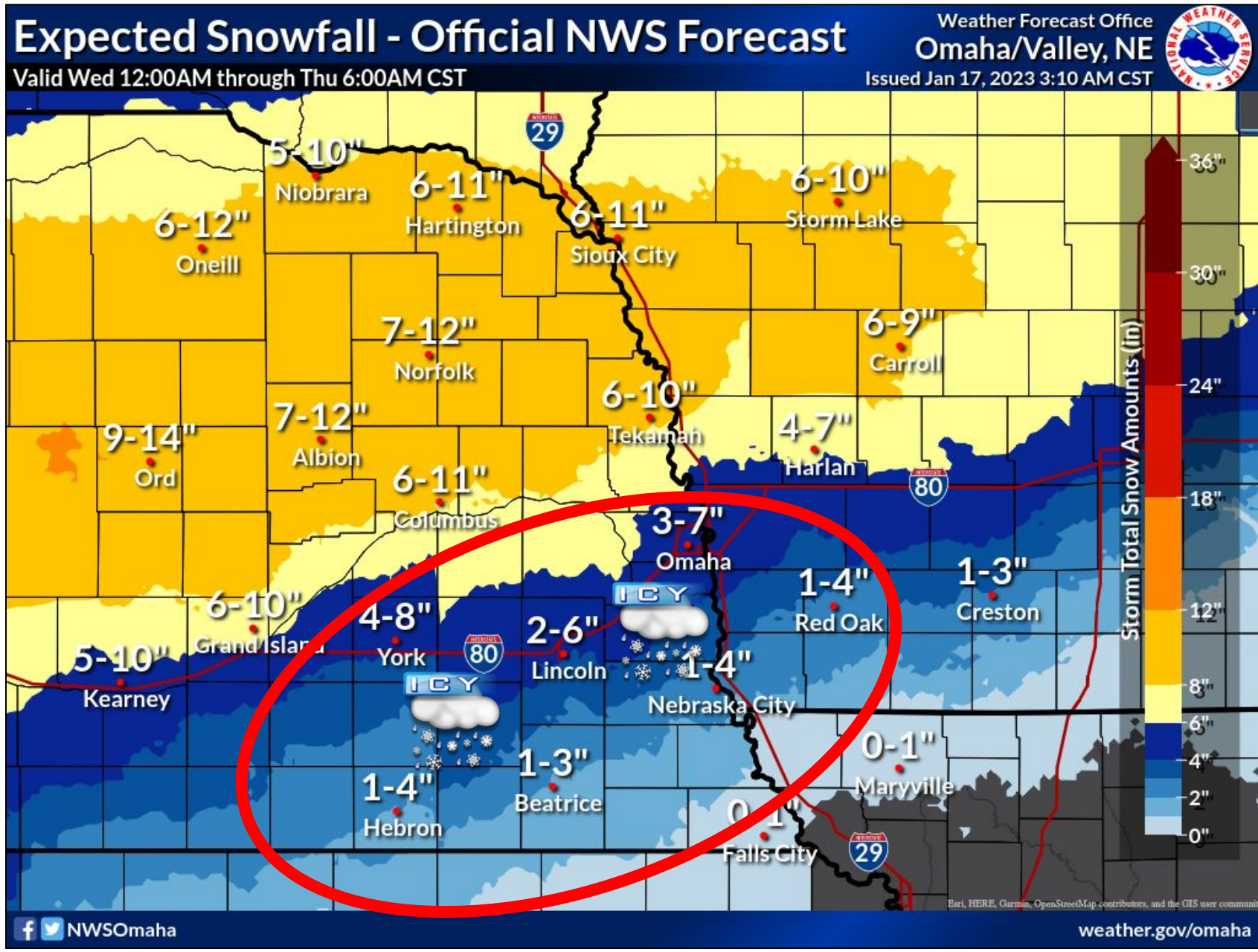
Wednesday through Thursday Morning

## Winter Weather Hazards

- Primary hazards will be heavy snow north and a mix of snow, sleet, and freezing rain south.
- The greatest snowfall totals area anticipated north of Interstate 80.
- Snowfall rates greater than 1 inch per hour may occur at times between noon and midnight on Wednesday.
- There will be a sharp cutoff in snow accumulations across SE Nebraska & SW Iowa

## Impacts

- Hazardous travel conditions due to snow covered roads and areas of reduced visibility.
- Wednesday evening and Thursday morning commutes may be affected.
- Heavy wet snow may be difficult to shovel.





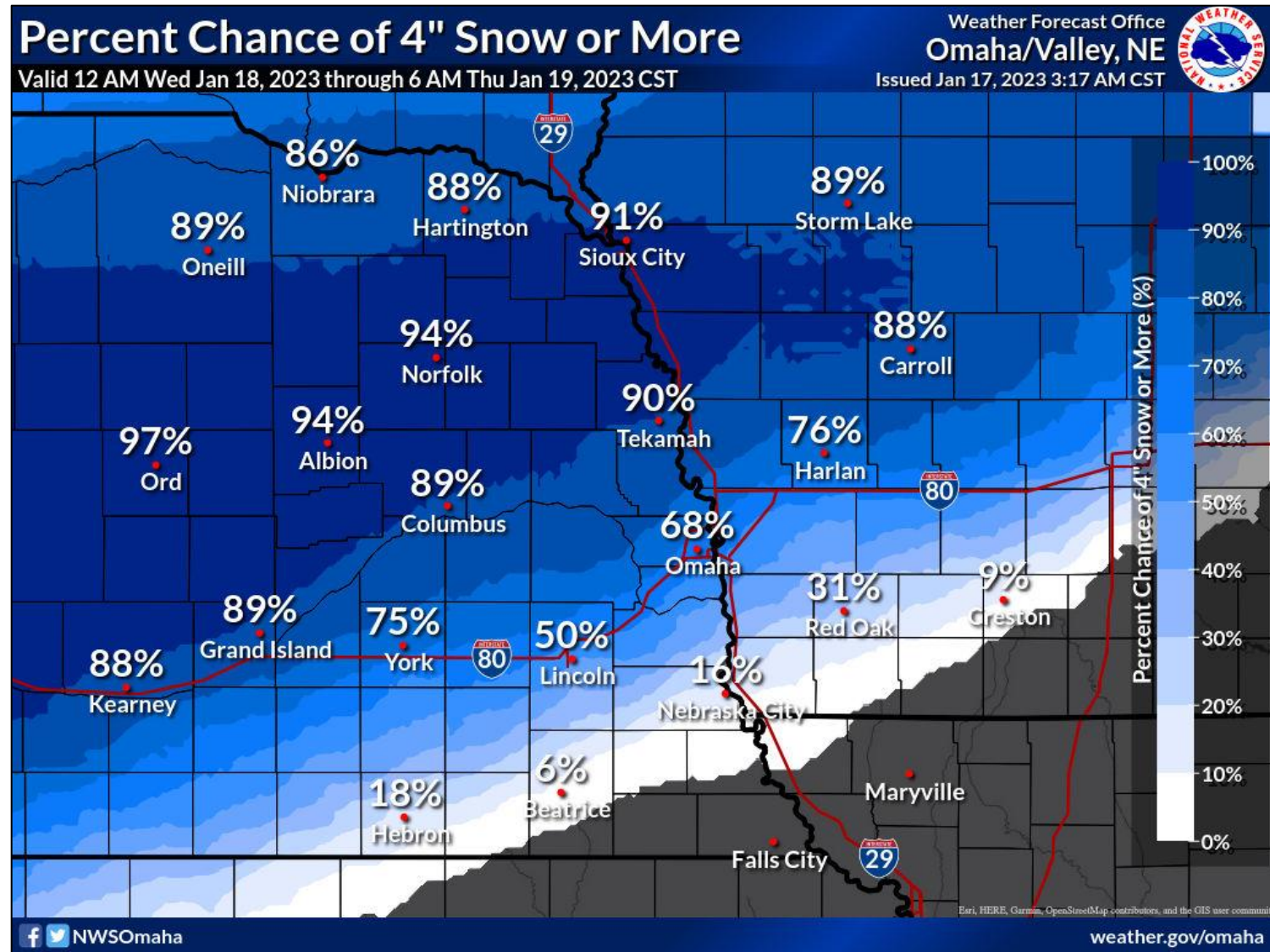
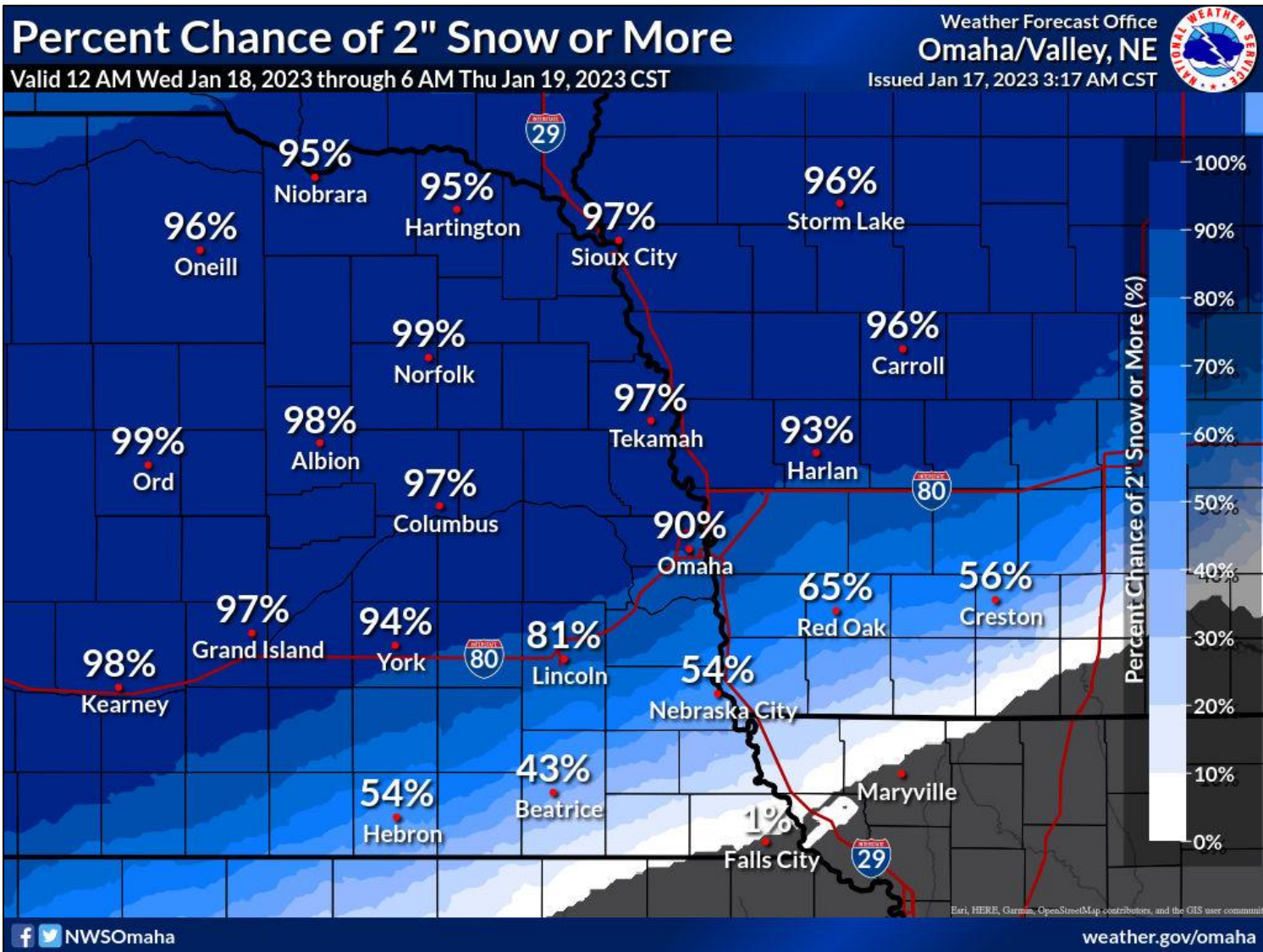


# Forecast Snowfall Probabilities

January 17, 2023

4:27 AM

## Chances for 2 inches and 4 inches of Snowfall







# Forecast Snowfall Probabilities

January 17, 2023  
4:27 AM

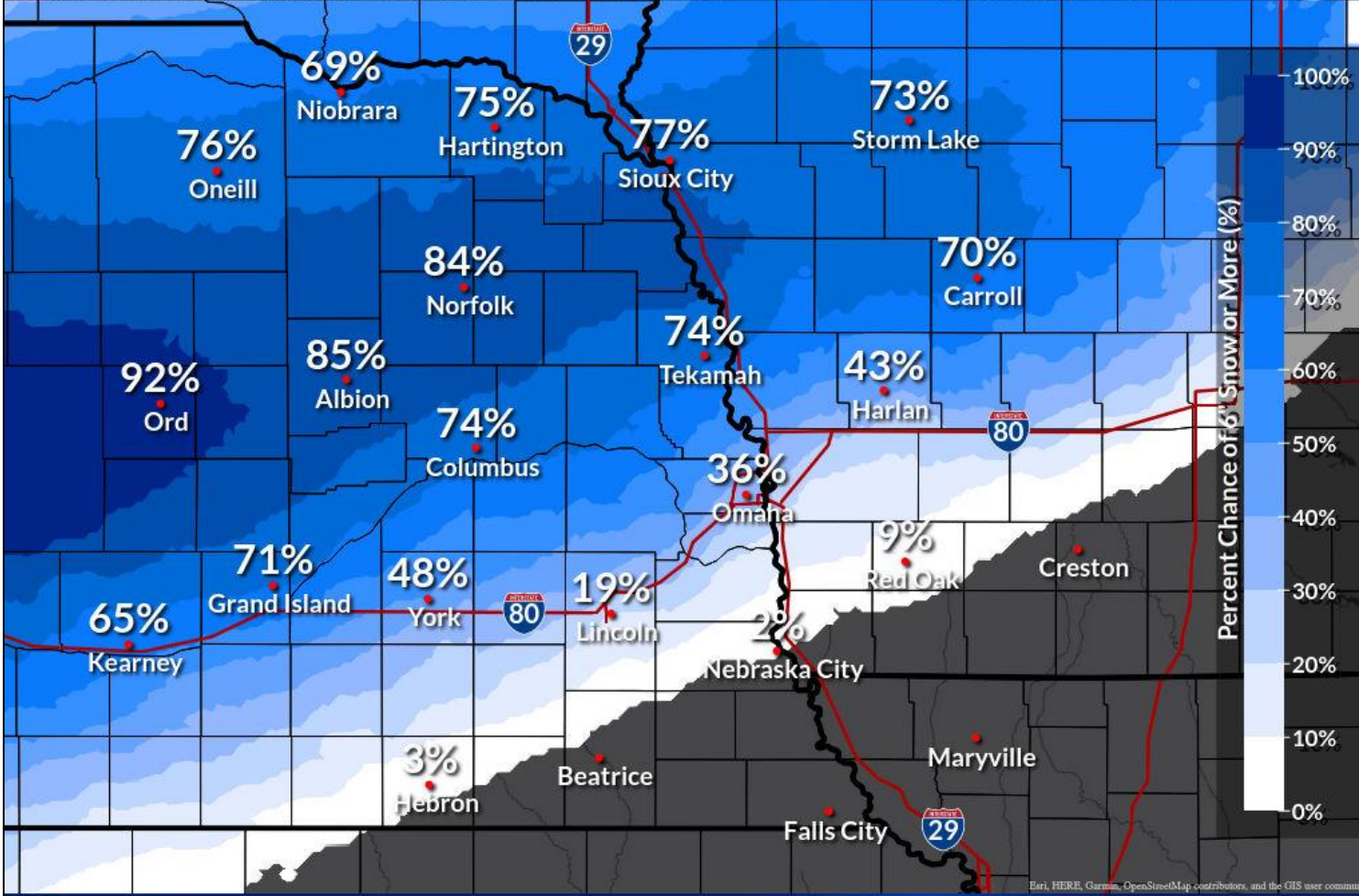
## Chances for 6 inches and 8 inches of Snowfall

### Percent Chance of 6" Snow or More

Valid 12 AM Wed Jan 18, 2023 through 6 AM Thu Jan 19, 2023 CST

Weather Forecast Office  
Omaha/Valley, NE

Issued Jan 17, 2023 3:17 AM CST



f NWSOmaha

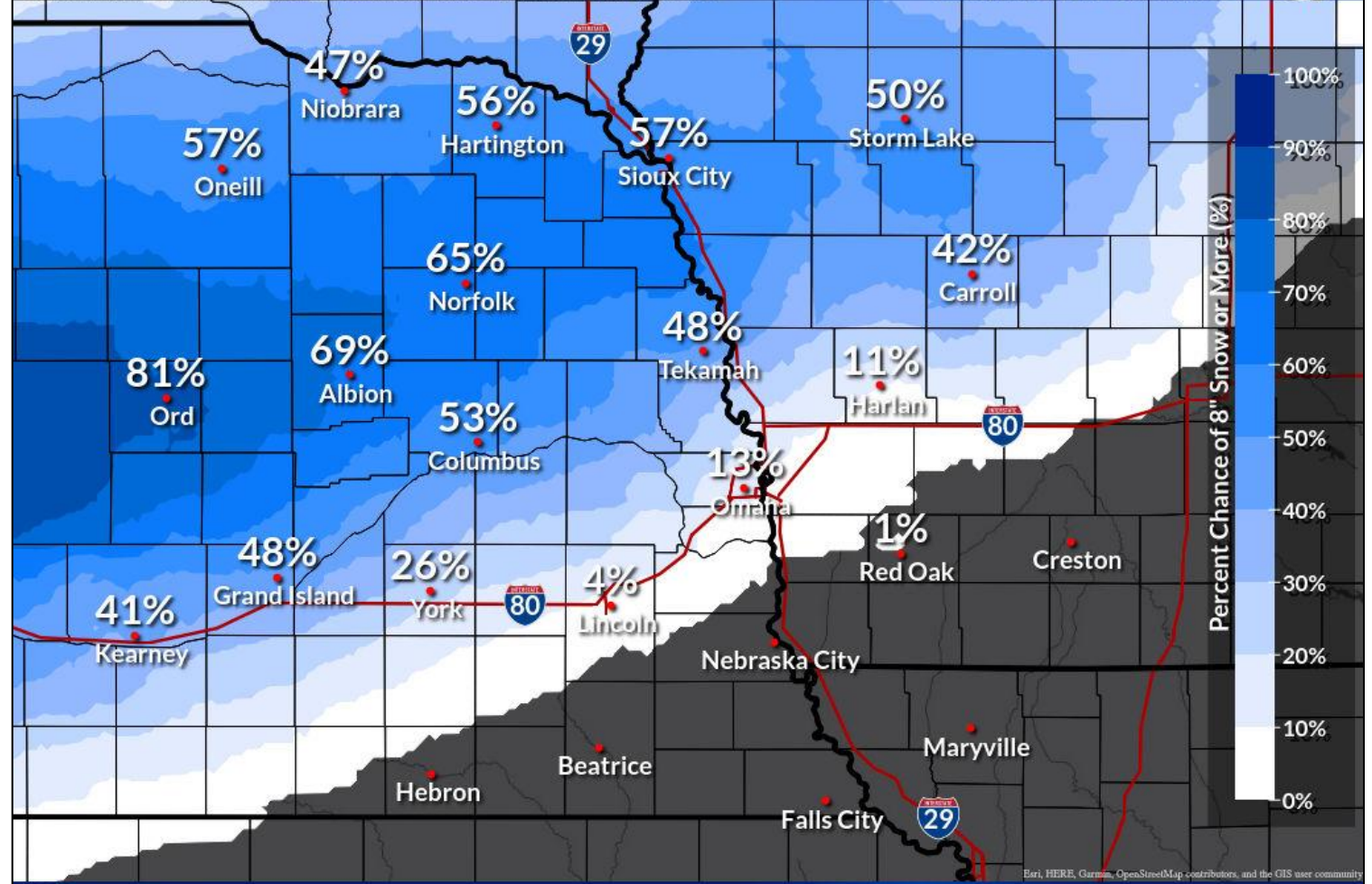
weather.gov/omaha

### Percent Chance of 8" Snow or More

Valid 12 AM Wed Jan 18, 2023 through 6 AM Thu Jan 19, 2023 CST

Weather Forecast Office  
Omaha/Valley, NE

Issued Jan 17, 2023 3:17 AM CST



f NWSOmaha

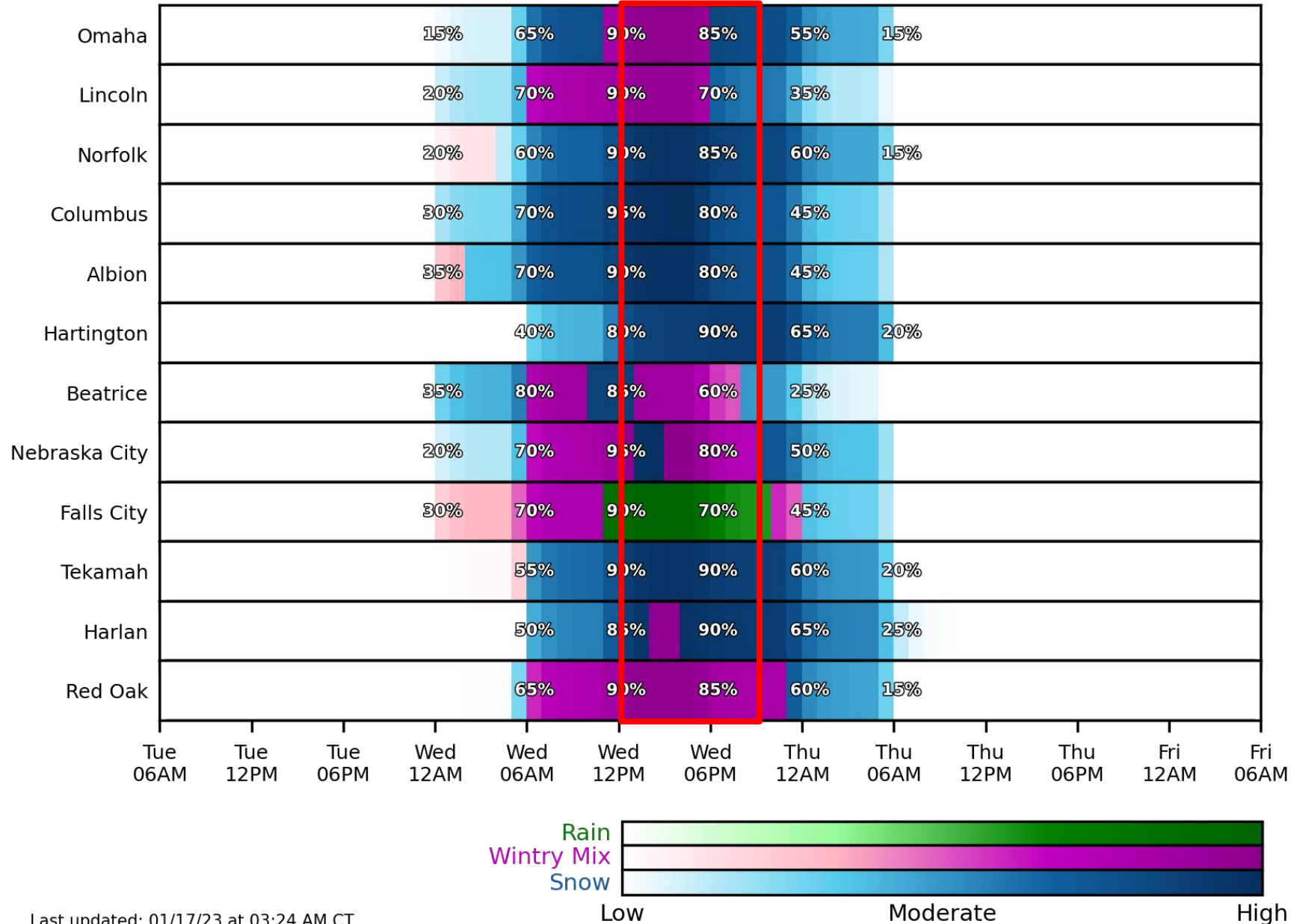
weather.gov/omaha



# Precipitation Type and Timing

January 17, 2023  
4:27 AM

## 3-Day Probability of Precipitation Forecast



Last updated: 01/17/23 at 03:24 AM CT

## Detailed Timing Information

- Snow should be the dominant precipitation type north of Interstate 80.
- Locations along and south of Interstate 80 should see a mix of rain, snow or freezing rain/sleet Wednesday afternoon.
- Heaviest precipitation rates Wednesday afternoon/evening (the red box)
- Snow becomes the primary precipitation type for all Wednesday night.





# Forecast Ice Accumulation

January 17, 2023

4:27 AM

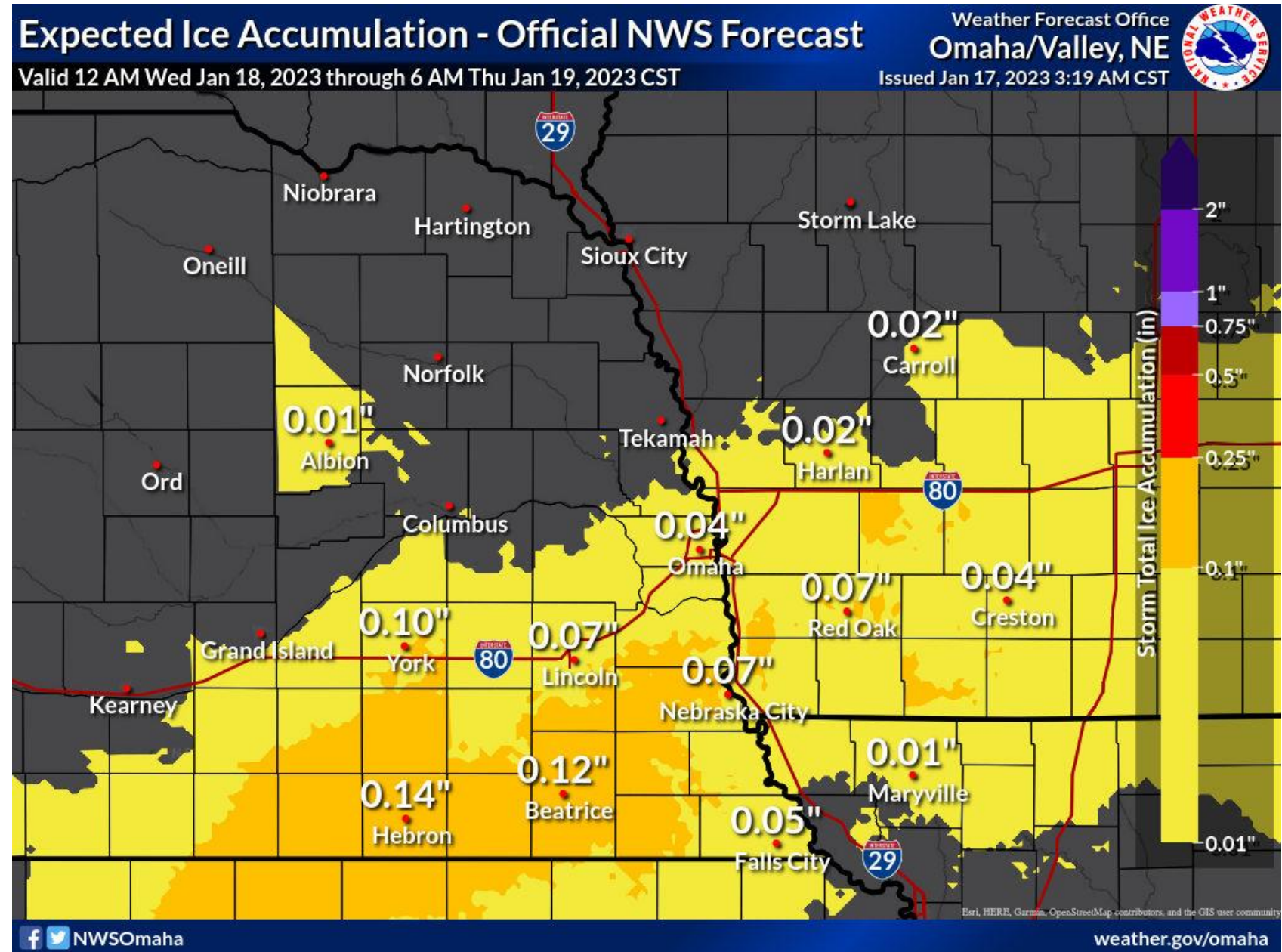
Wednesday through Wednesday Evening

## Freezing Rain/Sleet Potential

- Precipitation starts as or changes over to freezing rain or sleet along and south of I-80 around 6 AM Wednesday
- Ice accumulations up to 0.15 inch possible, especially around Beatrice and Hebron
- Precipitation will turn to all snow across our entire area by 12AM Thursday

## Impacts

- Roads will become slick
- Possible accumulations on trees and power lines

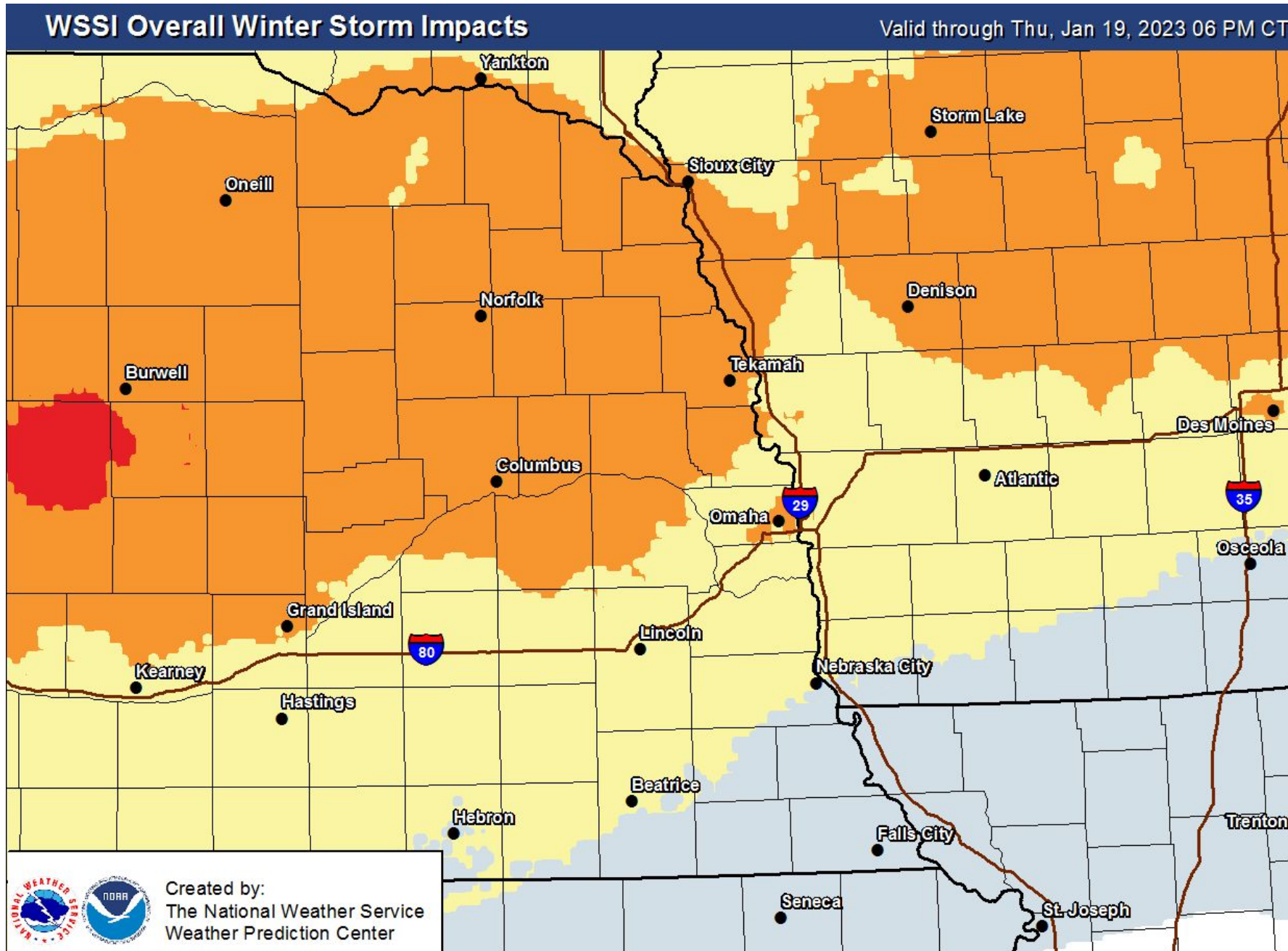






# Winter Weather Impact Levels

January 17, 2023  
4:27 AM



Potential Winter Storm Impacts	
	<b>Winter Weather Area</b> <ul style="list-style-type: none"> <li>• <i>Expected Winter Weather</i></li> <li>• Winter Driving Conditions. Drive carefully.</li> </ul>
	<b>Minor Impacts</b> <ul style="list-style-type: none"> <li>• <i>Expected a few inconveniences to daily life.</i></li> <li>• Winter Driving Conditions. Use caution while driving.</li> </ul>
	<b>Moderate Impacts</b> <ul style="list-style-type: none"> <li>• <i>Expected disruptions to daily life.</i></li> <li>• Hazardous driving conditions. Use extra caution while driving.</li> <li>• Closure and disruptions to infrastructure may occur.</li> </ul>
	<b>Major Impacts</b> <ul style="list-style-type: none"> <li>• <i>Expected considerable disruptions to daily life.</i></li> <li>• Dangerous or impossible driving conditions. Avoid travel if possible.</li> <li>• Widespread closures and disruptions to infrastructure may occur.</li> </ul>
	<b>Extreme Impacts</b> <ul style="list-style-type: none"> <li>• <i>Expected substantial disruptions to daily life.</i></li> <li>• Extremely dangerous or impossible driving conditions. Travel is not advised.</li> <li>• Extensive and widespread closures and disruptions to infrastructure may occur.</li> <li>• Life-saving actions may be needed.</li> </ul>



## Points to Remember

- Hazardous travel conditions expected Wednesday - Thursday Morning
- Stay informed. Please reach out to us with additional questions.

## Additional Resources

- [NWS Omaha Web Page](#)
- [NWS Omaha Winter Page](#)
- [Winter Storm Severity Index](#)
- [Hourly Point Forecasts](#)
- [Winter Weather Safety](#)
- [Reporting Winter Weather](#)
- [Recent Snowfall Reports](#)
- [NE 511 | IA 511](#)

Social Media: [Facebook](#) | [Twitter](#)

# WINTER STORMS

## What Can I Do?

### Prepare Your Home



Make your home winter ready. Buy needed supplies before the storm arrives. Have a plan in case you lose power or are unable to leave your home.

### Monitor Your Forecast



Stay up to date with the latest forecast information as the storm approaches, monitor your favorite source for weather information.

### Prepare Your Vehicle



Make your vehicle weather ready. Be sure to include a safety kit, cold weather gear, and all the necessities you may need to deal with the storm ahead.

### Have A Plan



Before weather threatens, be sure to have a communications plan, change travel plans, and prepare for the impacts to your routine.

## Know The Terms

**Winter Storm Watch:** There is potential of a significant winter weather event. Conditions are possible but not imminent.

**Winter Weather Advisory:** Winter weather is imminent and may cause inconveniences.

**Winter Storm Warning:** A significant winter storm is imminent and is a danger to life and property.

**Blizzard Warning:** A significant winter storm with strong winds, snow, and low visibility is imminent and is a danger to life and property.

**Ice Storm Warning:** Dangerous ice accumulations are imminent