



**NWS Twin Cities  
Partner Weather Briefing  
3:30PM, December 20th, 2022**



# Snow, Blowing Snow, Wind Gusts, Wind Chills

Accumulating fluffy snow Wed, followed by strong winds, blowing snow, and deadly chills Thu - Sat

## Key Messages:

- ◆ Winter Storm Warning for 5-8 inches of snow on Wednesday, ending early Thursday.
- ◆ A 'break' of around 12-18 hours beginning late Wednesday through Thursday afternoon with limited new snow before winds increase.
- ◆ The light and fluffy snow will blow around significantly once winds increase on Thursday.
- ◆ Blizzard conditions late Thursday through early Saturday due to blowing snow.
- ◆ Frigid wind chills between -25° to -40°F or colder are expected Thursday through Friday night.

**Travel conditions could become life threatening Thursday through Friday night due to the combination of extreme cold and blizzard conditions.**

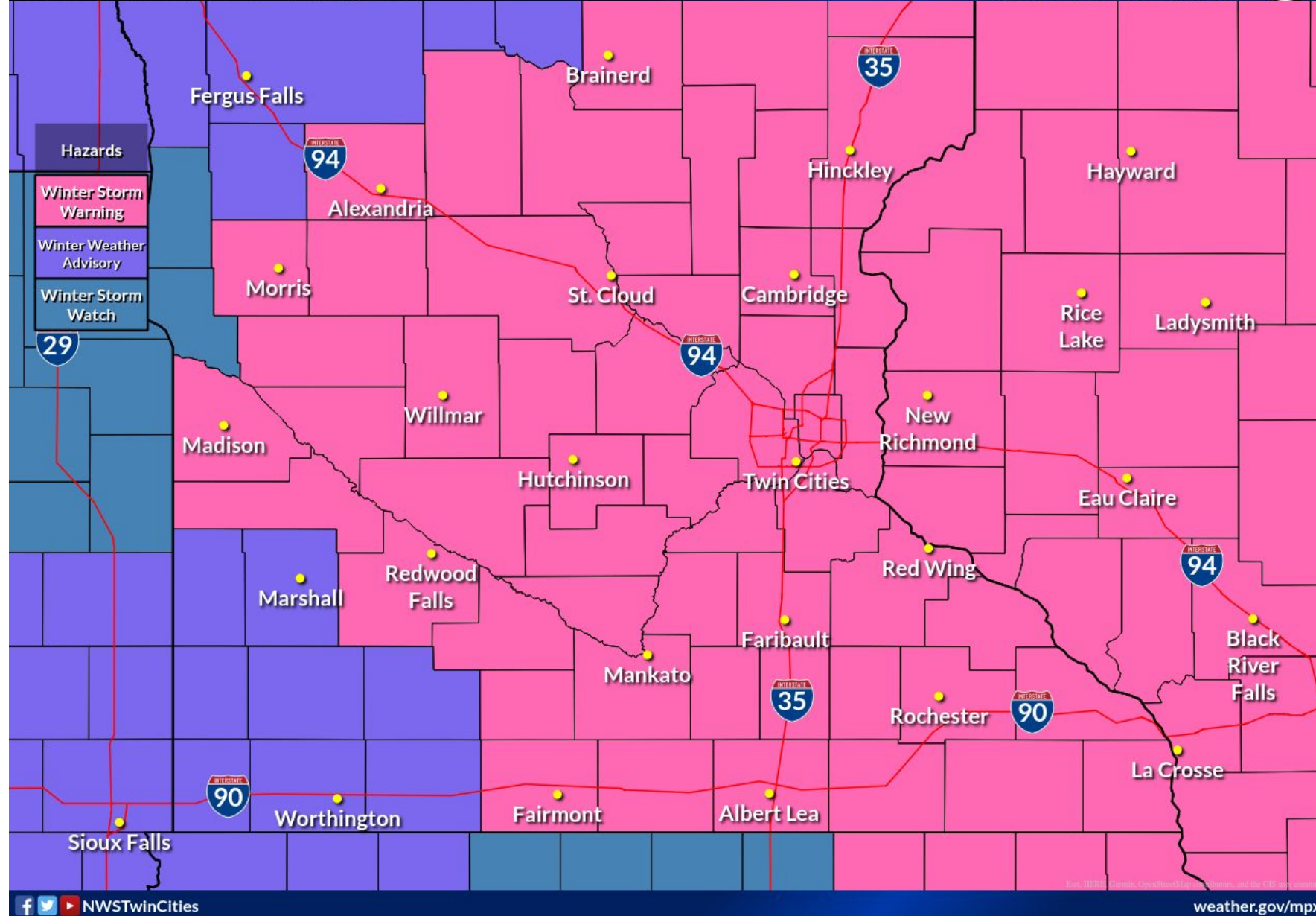
## NEW Important Updates

→ Winter Weather Headlines are out with Warnings for Wednesday, Blizzard/Wind Chill Headlines Thu - Sat.

### Winter Weather Headlines through Wednesday

Weather Forecast Office  
Twin Cities/Chanhassen, MN  
Issued Dec 20, 2022 3:06 PM CST

Headlines Related to Mainly Snow on Wednesday





# Snow, Blowing Snow, Wind Gusts, Wind Chills

Accumulating fluffy snow Wed, followed by strong winds, blowing snow, and deadly chills Thu - Sat

## Key Messages:

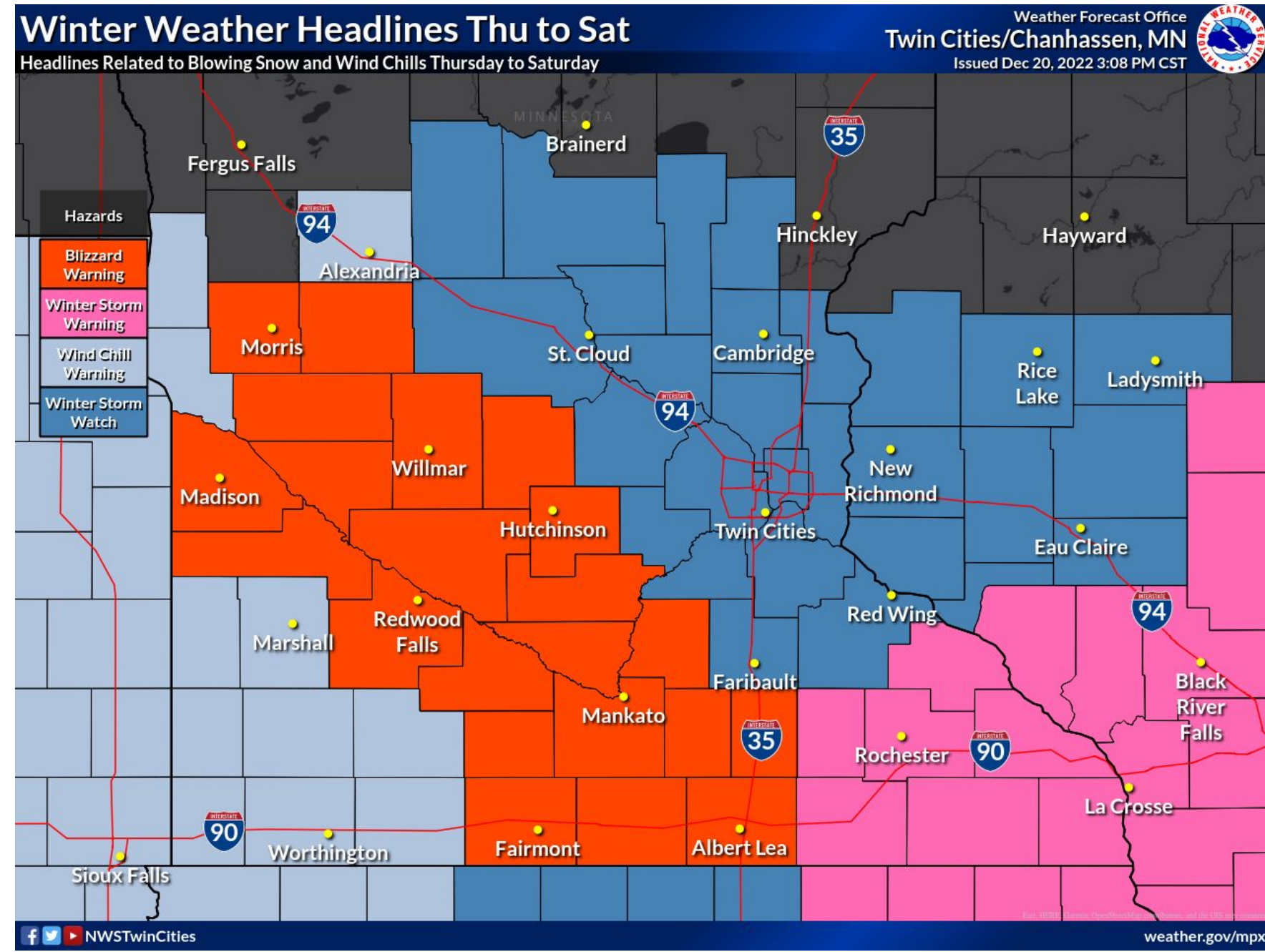
- ◆ Blizzard Warnings and Wind Chill Warnings for western and southern Minnesota where the strongest winds will also bring the lowest wind chills.
- ◆ Winter Storm Watch northeast of the Blizzard Warning will be upgraded with more confidence either tonight or tomorrow.
- ◆ Conditions worsen the second half of Thursday, remaining extremely dangerous through midday Saturday.

**Travel conditions could become life threatening Thursday through Friday night due to the combination of extreme cold and blizzard conditions.**



## Important Updates

→ Winter Weather Headlines are out with Warnings for Wednesday, Blizzard/Wind Chill Headlines Thu - Sat.





# Timing and Hazards

December 20, 2022  
11:27 AM

	Wednesday				Thursday				Friday			
	12a-6a	6a-12p	12p-6p	6p-12a	12a-6a	6a-12p	12p-6p	6p-12a	12a-6a	6a-12p	12p-6p	6p-12a
<b>Redwood Falls</b>	Moderate to Heavy Snow				Gusty Winds Blowing Snow				Dangerous Wind Chills Blowing & Drifting Snow			
<b>Alexandria</b>												
<b>St. Cloud</b>												
<b>Mankato</b>												
<b>Twin Cities</b>												
<b>Albert Lea</b>												
<b>Eau Claire</b>												

<b>Snow</b>	Light → Heavy
<b>Blowing Snow</b>	Limited → Significant
<b>Cold &amp; Blowing Snow</b>	
<b>Transition Period</b>	



# Timing and Impacts

December 20, 2022  
11:39 AM

Route (North-South)	Wednesday				Thursday				Friday			
	12a-6a	6a-12p	12p-6p	6p-12a	12a-6a	6a-12p	12p-6p	6p-12a	12a-6a	6a-12p	12p-6p	6p-12a
US-59	Yellow	Orange	Orange	Yellow	Orange	Extreme	Extreme	Extreme	Extreme	Extreme	Extreme	Extreme
US-71	Yellow	Orange	Orange	Yellow	Yellow	Significant	Extreme	Extreme	Extreme	Extreme	Extreme	Extreme
US-169	Green	Yellow	Orange	Yellow	Yellow	Significant	Extreme	Extreme	Extreme	Extreme	Extreme	Extreme
I-35	Green	Yellow	Orange	Orange	Yellow	Significant	Significant	Extreme	Extreme	Extreme	Extreme	Extreme
US-53	Green	Green	Orange	Orange	Yellow	Significant	Significant	Extreme	Extreme	Extreme	Extreme	Extreme

<b>Impact Level</b>	<b>Little/None</b>	<b>Limited</b>	<b>Elevated</b>	<b>Significant</b>	<b>Extreme</b>
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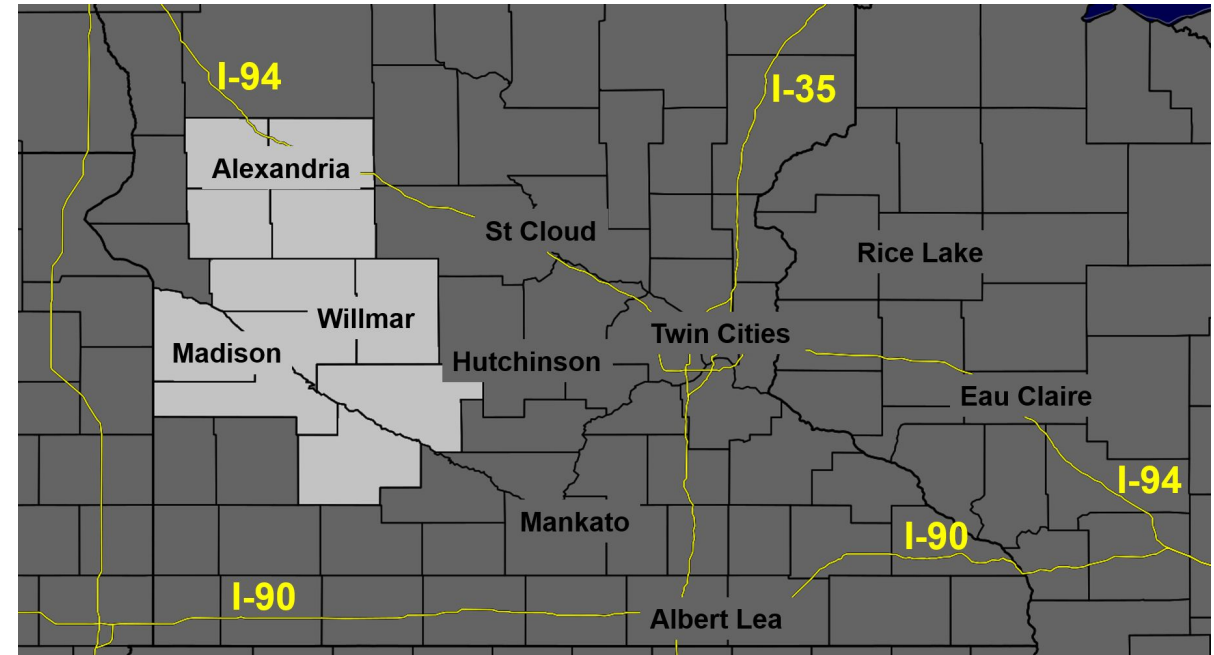


# Timeline - Western Minnesota

December 20, 2022  
3:30 PM

## Key Messages

- Snow begins early Wednesday morning and tapers off early Thursday.
- Winds increase Wednesday night leading to blowing and drifting of the fresh snow and possible blizzard conditions lasting into Saturday.
- Wind chill values fall as low as 40 below zero Thursday through Friday night.
- Travel will become difficult to impossible with whiteout conditions at times.



12PM WED

12PM THU

12PM FRI

12PM SAT

## Snowfall

Several Inches of Fluffy Snow Likely

## Wind & Blowing Snow

Whiteout Conditions Develop / Continue through Friday

## Wind Chill

Wind Chills -35 to -40 degrees

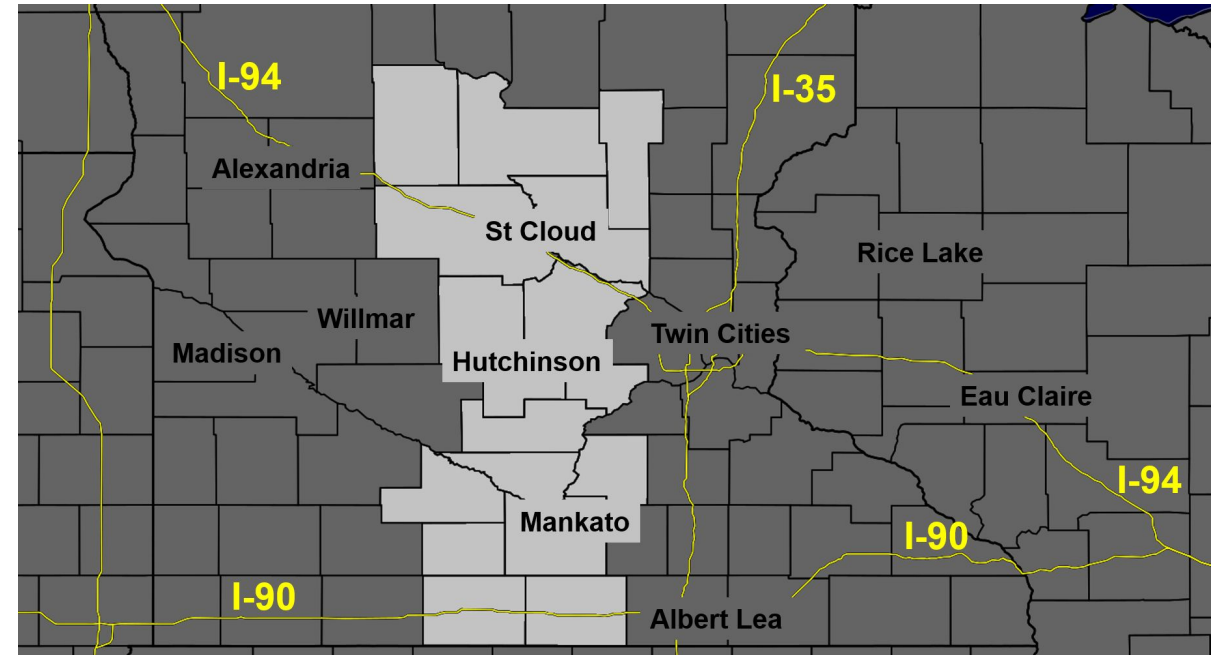


# Timeline - Central Minnesota

December 20, 2022  
3:30 PM

## Key Messages

- Snow begins Wednesday morning and tapers off on Thursday.
- Several hours of gusts near 50 mph possible.
- Blowing and drifting snow will lead to very low visibilities, and travel will become difficult to impossible Thursday and Friday.
- Travel will become difficult to impossible due to whiteout conditions at times.



12PM WED

12PM THU

12PM FRI

12PM SAT

## Snowfall

Several Inches of Fluffy Snow Likely

## Wind & Blowing Snow

Travel May Become Impossible

## Wind Chill

Wind Chills -30 to -35 degrees

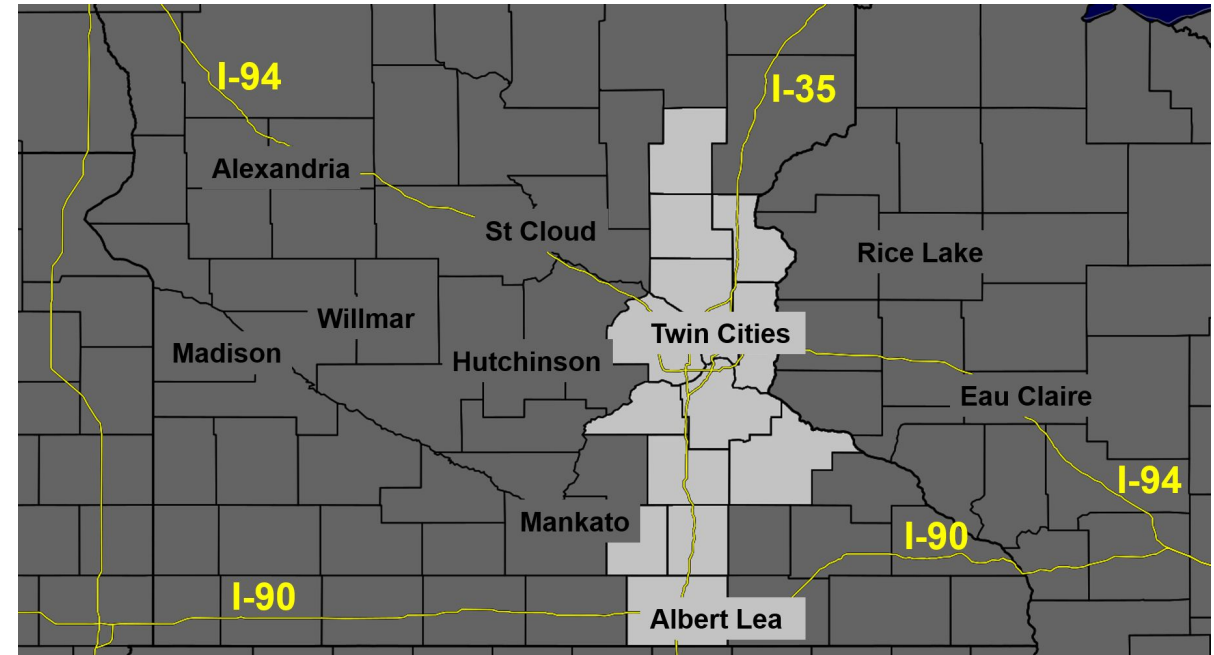


# Timeline - Eastern Minnesota

December 20, 2022  
3:30 PM

## Key Messages

- Snow begins Wednesday morning and tapers off on Thursday.
- Northern MN is at greater risk for power outages due to heavy snow on trees from last week's storm.
- Several hours of gusts reaching 40-50 mph possible.
- Travel will become difficult to impossible due to whiteout conditions at times.



12PM WED

12PM THU

12PM FRI

12PM SAT

## Snowfall

Several Inches of Fluffy Snow Likely

## Wind & Blowing Snow

Travel May Become Impossible

## Wind Chill

Wind Chills -30 to -40 degrees



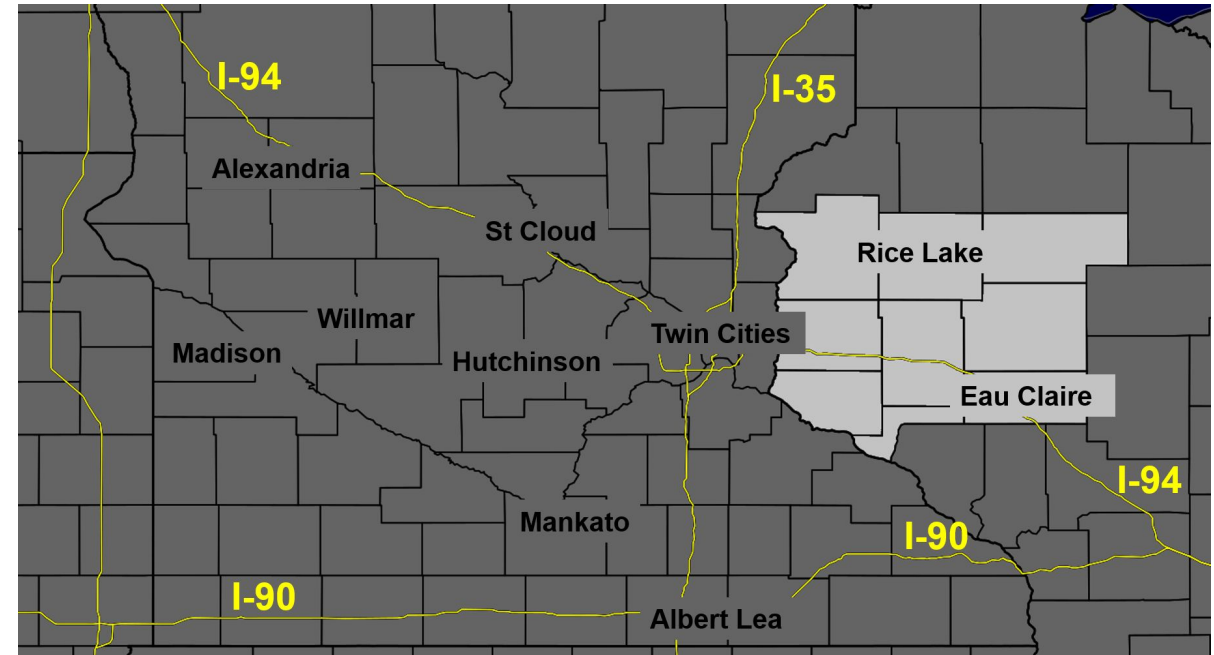


# Timeline - Western Wisconsin

December 20, 2022  
9:52 AM

## Key Messages

- Elevated risk for power outages due to heavy snow on trees from last week's storm.
- Several hours of gusts reaching 40-50 mph possible.
- Travel will become difficult to impossible with whiteout conditions at times.



12PM WED

12PM THU

12PM FRI

12PM SAT

## Snowfall

Several Inches of Fluffy Snow Likely

## Wind & Blowing Snow

Travel May Become Impossible

## Wind Chill

Wind Chills -20 to -30 degrees







# Potential for 8" or more

December 20, 2022  
3:30 PM

Tonight through Thursday Evening

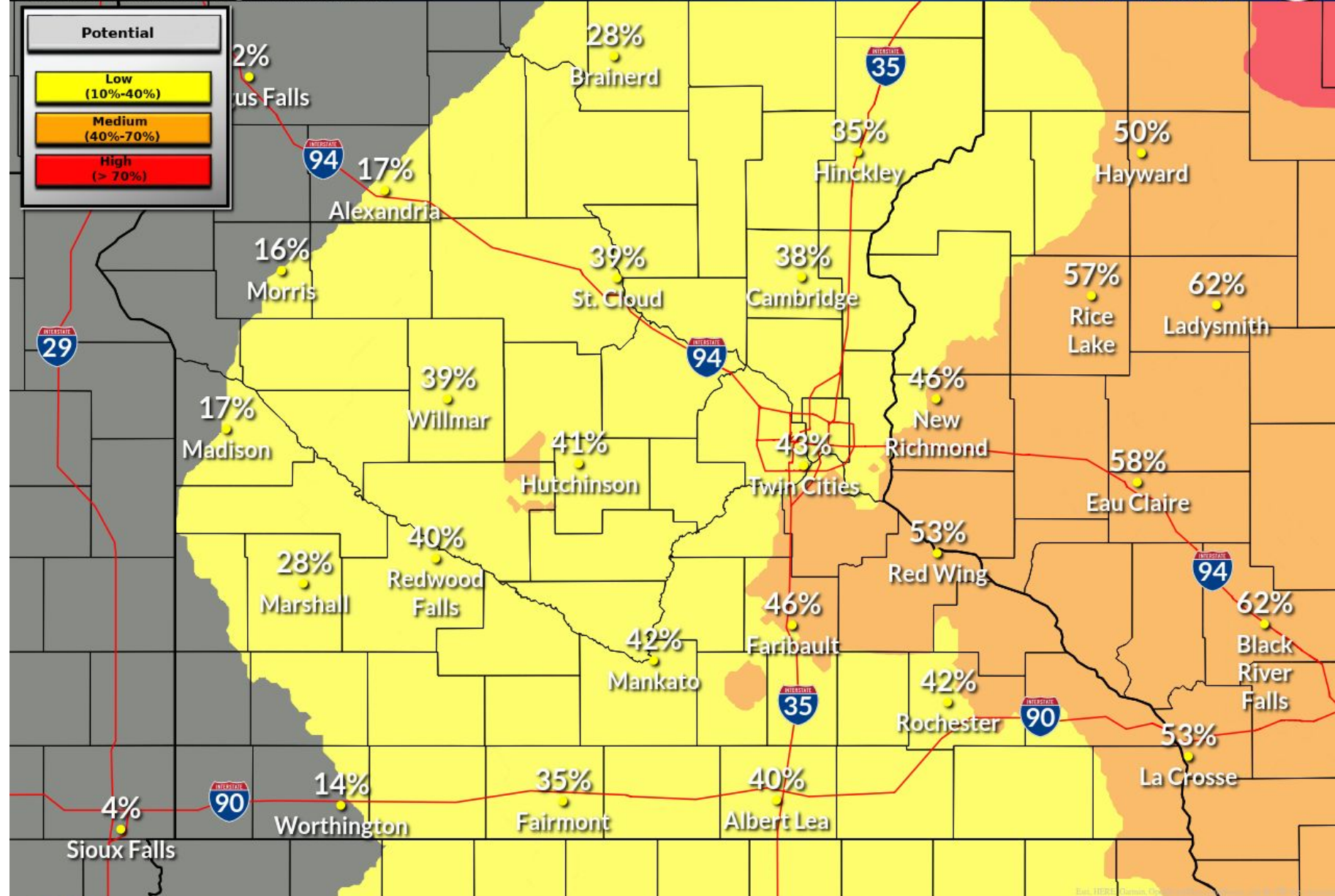
## Forecast Details

→ At least 8 inches of snow likely (greater than 50%) across much of north central and western Wisconsin.

### Potential of 8" Snow or More

Valid Wed 12:00AM through Fri 6:00AM CST

Weather Forecast Office  
Twin Cities/Chanhassen, MN  
Issued Dec 20, 2022 2:44 AM CST



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weather.gov/mpx



# Potential for 12" or more

December 20, 2022  
3:30 PM

Tonight through Thursday Evening

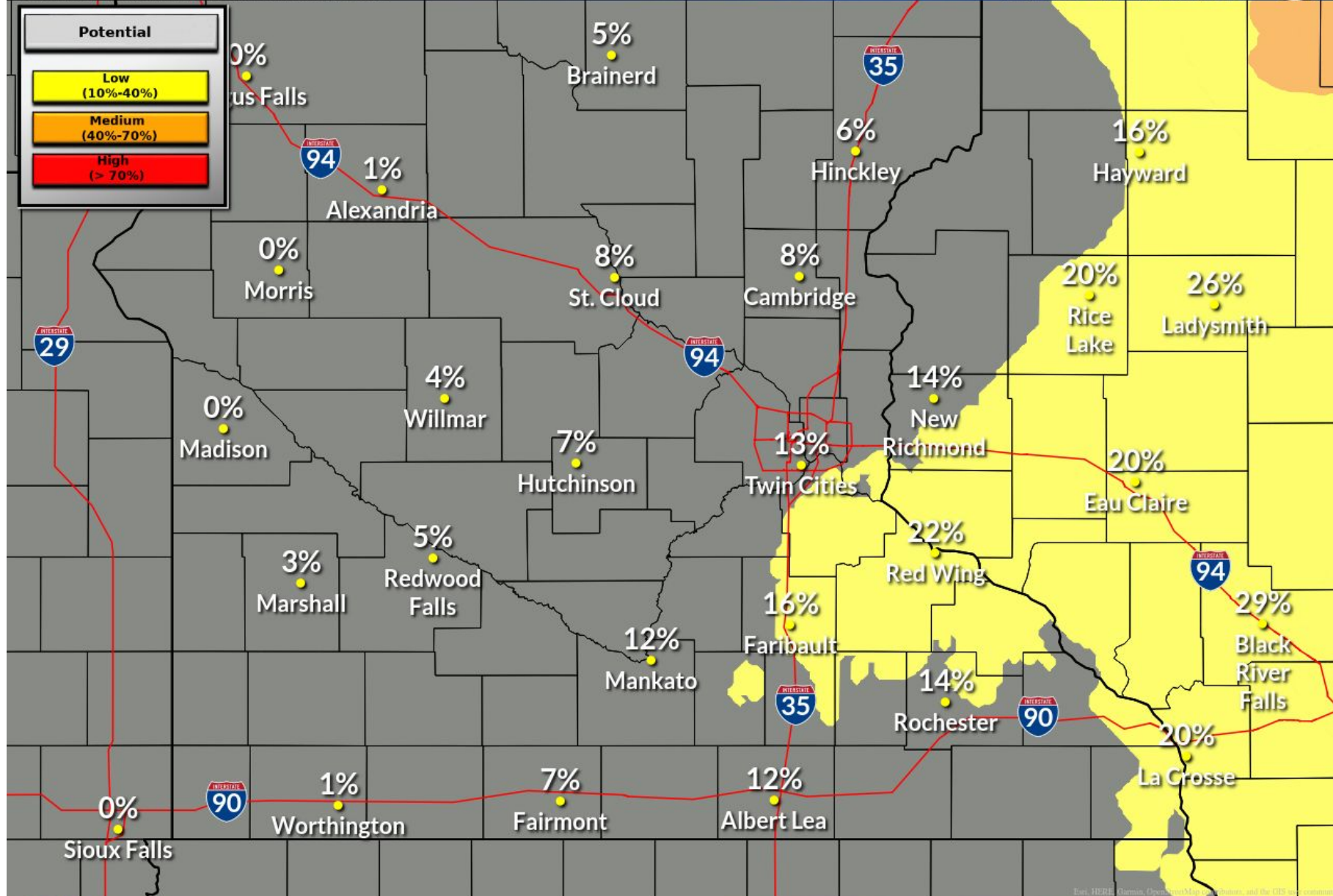
## Forecast Details

→ At least 12 inches of snow possible (20%) across much of west central Wisconsin.

### Potential of 12" Snow or More

Valid Wed 12:00AM through Fri 6:00AM CST

Weather Forecast Office  
Twin Cities/Chanhassen, MN  
Issued Dec 20, 2022 2:44 AM CST



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weather.gov/mpx



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

National Weather Service  
Twin Cities/Chanhassen, MN



# Gusty Winds

December 12, 2022  
1:50 PM

Thursday 6AM through Saturday 12PM

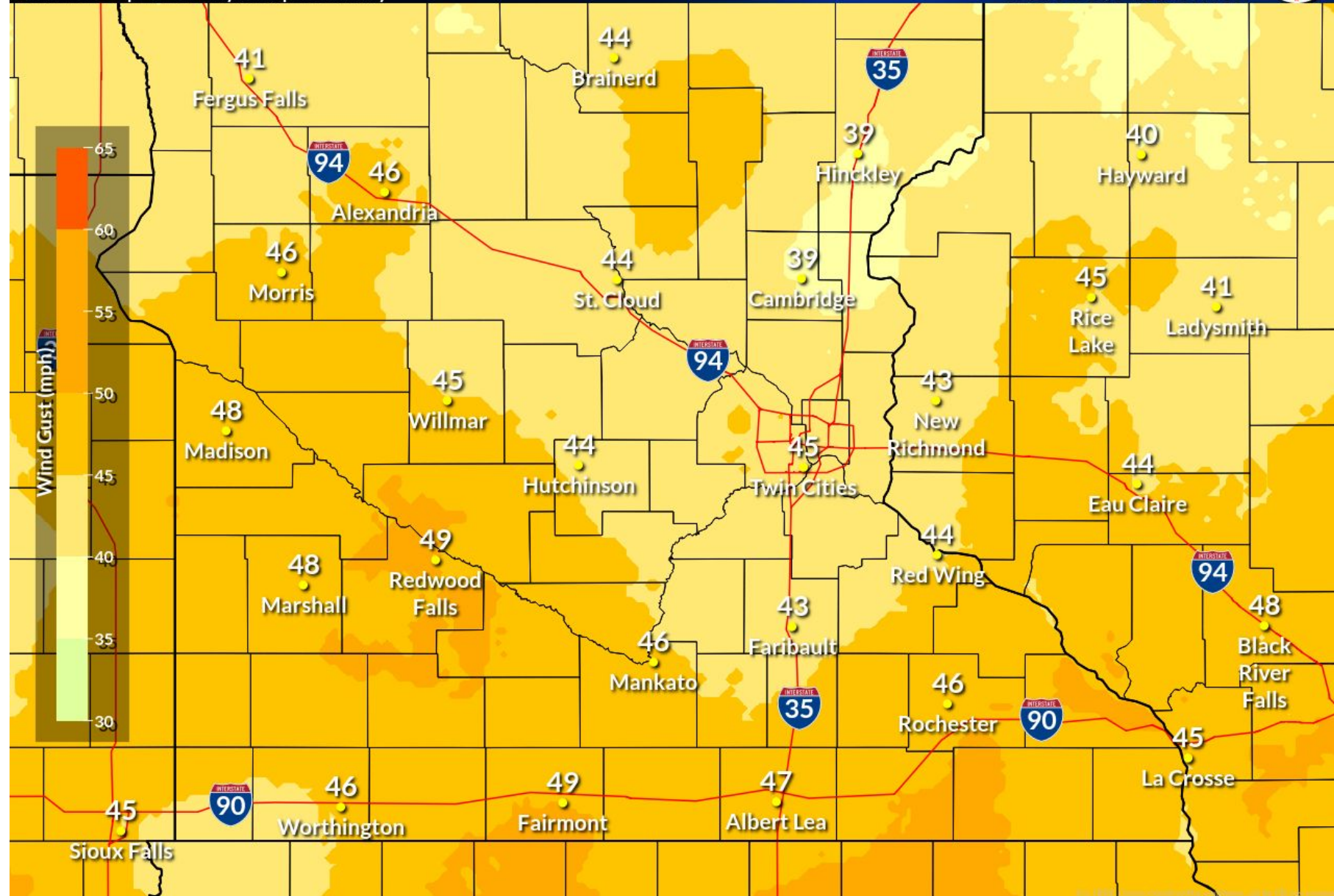
## Key Messages

- The strongest winds will be across western and southern Minnesota, however gusty winds resulting in significant blowing snow will be present everywhere.
- Sustained winds will be out of the northwest for the entire event at 25-30mph.
- Significant travel impacts are **LIKELY** across the area due to blowing and drifting snow, in addition to visibility impaired by the blowing snow.
- Power outages are possible in areas that still have snow on trees, as falling limbs have the potential to knock down power lines.

## Peak Wind Gusts

Valid from 12pm Thursday to 12pm Saturday

Weather Forecast Office  
Twin Cities/Chanhassen, MN  
Issued Dec 20, 2022 2:40 PM CST



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

National Weather Service  
Twin Cities, MN



# Dangerous Wind Chills

December 20, 2022  
3:30 PM

## Widespread Dangerous Wind Chills From Thursday to Saturday

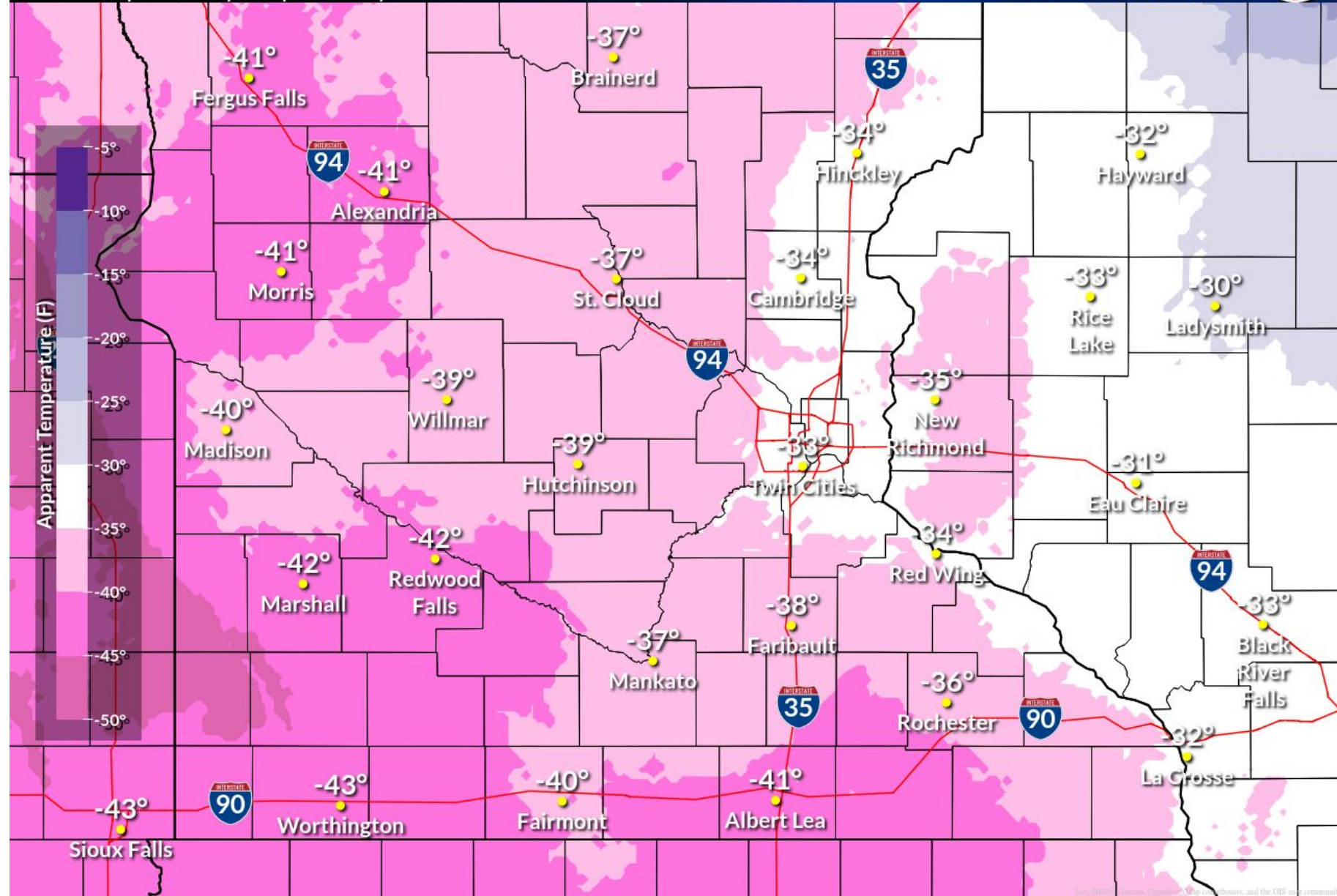
### Key Messages

- The combination of low temperatures in the teens below zero and wind gusts up to 50mph will create extremely dangerous wind chill conditions beginning Thursday and continuing through Saturday.
- The risk for travelers is especially high, with blowing snow and blizzard conditions making rescue efforts extremely difficult. Becoming stranded from Thursday through Saturday will have life-threatening implications not only for the motorists, but for anyone involved in rescue or recovery operations.
- Having an emergency kit which includes food, water, blankets, and other necessities could be life saving if travel is absolutely necessary.

### Coldest Wind Chills

Valid from 12pm Thursday to 12pm Saturday

Weather Forecast Office  
Twin Cities/Chanhassen, MN  
Issued Dec 20, 2022 2:51 PM CST



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# Pattern Shift by Year's End

December 20, 2022  
3:30 PM

Temperature Outlook valid Dec 27 - Jan 2



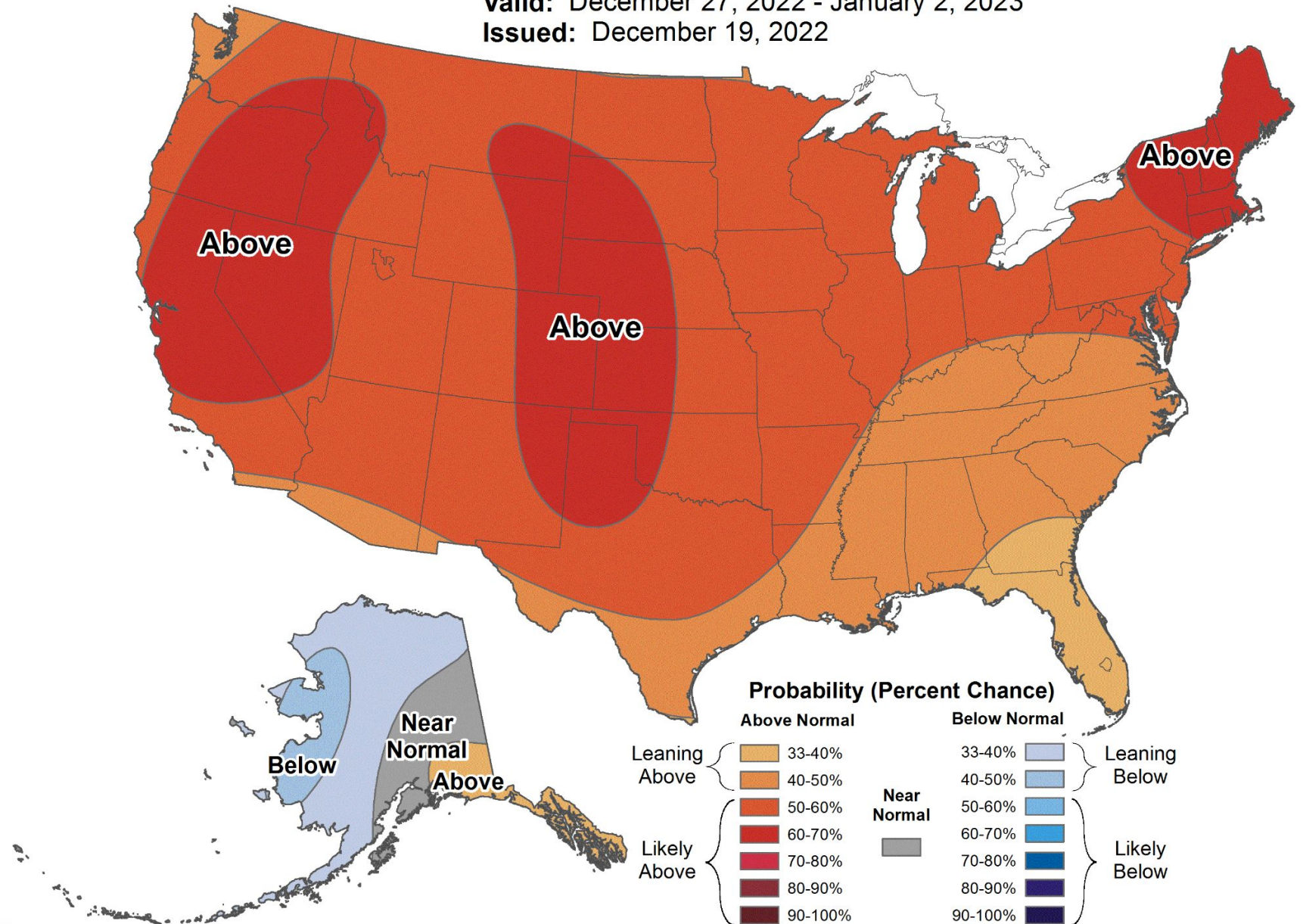
## 8-14 Day Temperature Outlook



Valid: December 27, 2022 - January 2, 2023  
Issued: December 19, 2022

### What/Where/When

- Warmer than normal conditions look to arrive near the end of the year.
- The pattern which brought significant snow and cold has been pushed out by this new pattern, which has the potential to persist through the middle of January.
- Precipitation is trending above normal as well, however only slightly such that near or below normal precipitation is still possible.







## Key Messages

- 5-8 inches of widespread fluffy snow will impact travel on Wednesday.
- Blowing snow and blizzard conditions will combine with dangerous wind chills Thursday through Saturday to severely impact travel.
- For a more detailed and localized forecast, visit: [www.weather.gov/winter](http://www.weather.gov/winter)
- MNDOT Road Conditions: <http://www.511mn.org>
- WIDOT Road Conditions: <http://www.511wi.gov>



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## Next Scheduled Update: