



# Winter Weather Impacts Ahead

December 26, 2021  
5:57 AM

Multiple accumulating snow chances then dangerous wind chills

## Key Messages

- Holiday travel impacts are likely
- Expect difficult travel conditions on Sunday and Monday
- Widespread snow, potentially heavy, expected Sunday through Monday
- Winter impacts again possible Tuesday into Wednesday
- Dangerous wind chills possible Wednesday through Sunday

NEW

## Important Updates

- Winter Storm Warning now in effect
- Widespread totals of at least 4 inches are expected
- Localized areas greater than 8 inches are possible

## Next Scheduled Briefing

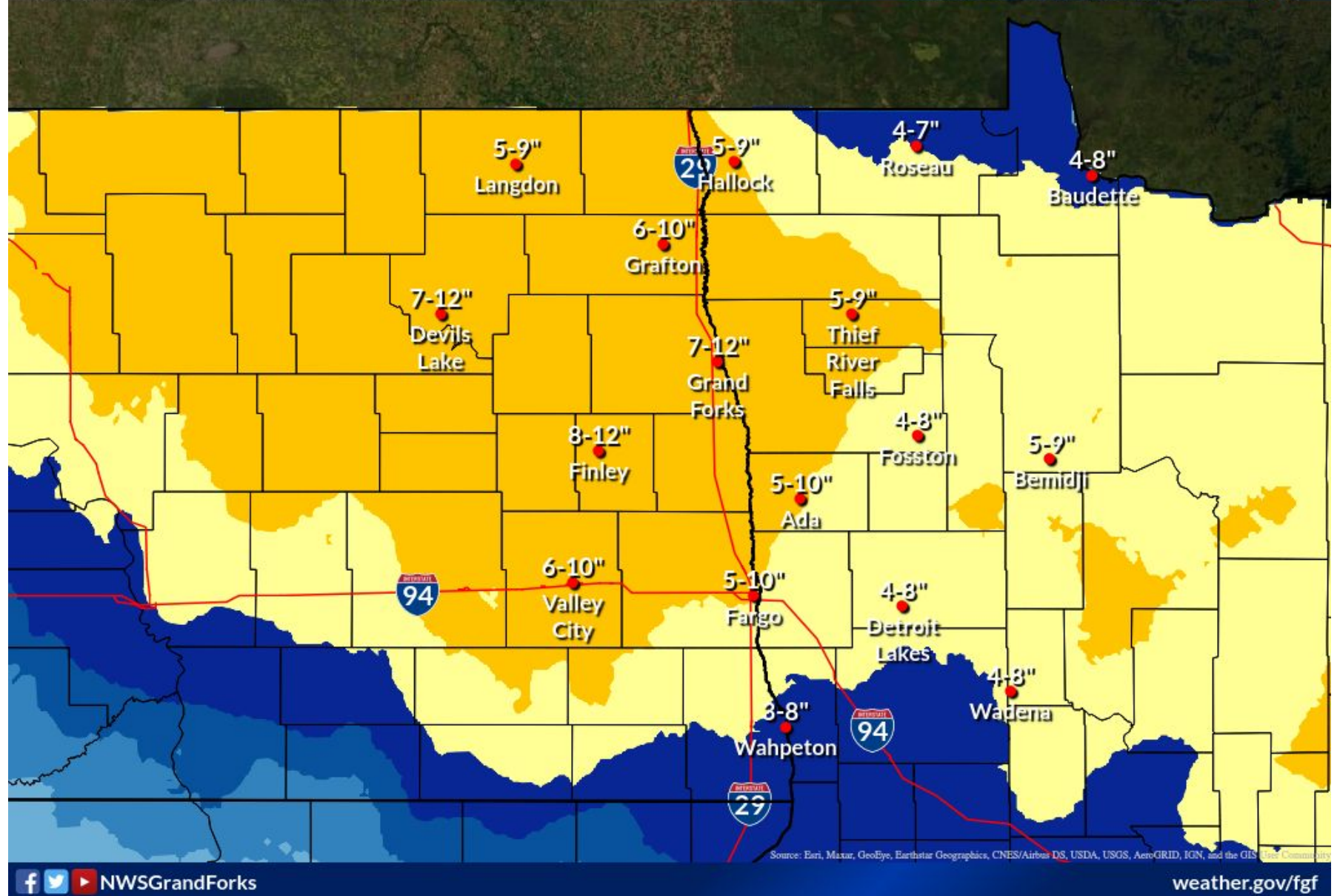
- This packet will be updated as needed.

### Expected Snowfall - Official NWS Forecast

Valid Sun 12:00PM through Mon 6:00PM CST

Weather Forecast Office  
Grand Forks, ND

Issued Dec 26, 2021 5:00 AM CST



NWSGrandForks

weather.gov/fgf



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

National Weather Service  
Grand Forks, North Dakota



# Winter Impacts Sunday/Monday

December 26, 2021  
5:57 AM

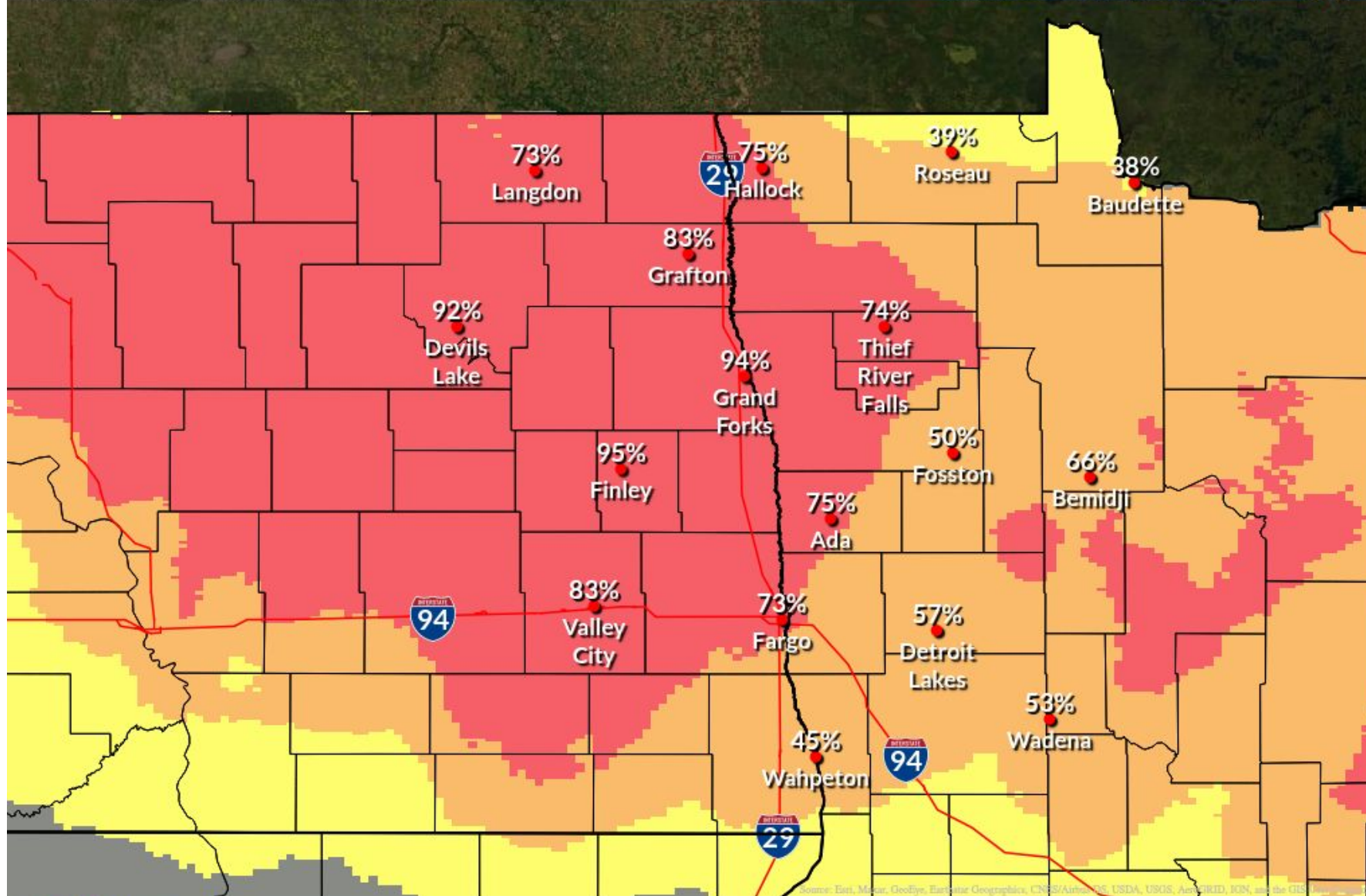
## Snowfall Potential

### Potential of 6" Snow or More

Valid Sun 12:00PM through Mon 6:00PM CST

Weather Forecast Office  
Grand Forks, ND

Issued Dec 26, 2021 5:01 AM CST



## Key Points:

Another round of accumulating snow is expected from Sunday afternoon into Monday

There is high certainty of heavy snowfall with this event

Higher amounts may fall within a narrow band, but exact location is uncertain at this time

Travel impacts are expected from this snow with blowing snow impacts possible on Monday. Stay tuned for later statements and forecasts on this event

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U.S. Department of Commerce

National Weather Service  
Grand Forks, North Dakota



# Hazards Matrix: Sun-Mon

December 26, 2021  
5:57 AM

## Graphical Hazards Matrix

### - About This Graphic -

The hazard matrix depicts timing and magnitude of potential impacts to local travel and infrastructure from snowfall rates and/or amounts, blowing snow.

Potential aggravating factors such as time of day, pre-existing conditions, and holiday travel periods are also taken into consideration.

	Sun 12 PM	Sun 6 PM	Mon 12 AM	Mon 6 AM	Mon 12 PM	Mon 6 PM	Tue 12 AM
Grand Forks	Yellow	Orange	Red	Red	Orange	Yellow	Green
Fargo	Orange	Orange	Red	Red	Orange	Yellow	Green
Devils Lake	Yellow	Orange	Red	Red	Orange	Yellow	Green
Bemidji	Green	Yellow	Orange	Red	Orange	Orange	Green
Fergus Falls	Yellow	Yellow	Orange	Orange	Orange	Yellow	Green

Impact Level	Little/None	Limited	Elevated	Significant	Extreme
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# Winter Impacts Tuesday/Wednesday

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## Forecast Confidence Levels

### Track of System



Low Medium High

### Timing of System



Low Medium High

### Blowing Snow



Low Medium High

### Potential for Impacts



Low Medium High

### Confidence Details

Highest Confidence	Lowest Confidence
<ul style="list-style-type: none"> <li>→ Accumulating snow is expected to occur from Tuesday into Wednesday morning</li> <li>→ Travel impacts are likely</li> </ul>	<ul style="list-style-type: none"> <li>→ Blowing snow potential</li> <li>→ Where heaviest snowfall will occur</li> </ul>

### Additional Details

→ The track of this system will be highly dependent upon how the Sunday/Monday system evolves. While impacts look to be lesser at this time, snowfall totals are trending upward. There is a 50-70% chance of 24 hour snowfall exceeding 2 inches, with potential to see higher amounts.



# Very Cold Weather Tuesday-Sunday

December 26, 2021  
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## Dangerous Wind Chills Ahead

### Overview

- Below zero lows and highs near to below zero are anticipated from Tuesday onward
- With temperatures this cold, any heightened wind will produce dangerous wind chills
- Advisory to warning level wind chills will be possible

### Impacts

- Frostbite and hypothermia may occur with dangerous wind chills in the -20s to -40s.

### Confidence in Wind Chills



Low

Medium

High

### Minimum Wind Chill Forecast

	12/28 Tue		12/29 Wed		12/30 Thu		12/31 Fri		1/1 Sat		1/2 Sun		Minimum												
	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm													
Baudette	-15	-16	-10	-11	-19	-23	-21	-29	-29	-29	-20	-23	-25	-25	-14	-20	-23	-24	-19	-24	-25	-26	-19	-18	-29
Bemidji	-17	-11	-6	-9	-21	-24	-21	-27	-27	-23	-14	-15	-20	-18	-10	-15	-20	-20	-18	-23	-25	-26	-19	-16	-27
Cavalier	-29	-25	-19	-26	-32	-37	-32	-36	-36	-33	-26	-34	-34	-34	-28	-31	-32	-34	-30	-32	-34	-36	-29	-26	-37
Crookston	-25	-21	-18	-24	-31	-36	-30	-36	-36	-35	-25	-30	-32	-29	-23	-28	-31	-31	-29	-32	-33	-35	-27	-25	-36
Detroit Lakes	-20	-14	-8	-18	-27	-31	-29	-31	-29	-27	-17	-20	-24	-22	-13	-20	-26	-26	-22	-30	-31	-32	-25	-21	-32
Devils Lake	-35	-30	-28	-34	-40	-43	-40	-38	-38	-34	-30	-35	-35	-35	-31	-33	-35	-38	-36	-36	-36	-40	-32	-32	-43
Fargo	-20	-19	-16	-20	-31	-35	-29	-32	-32	-31	-19	-24	-26	-26	-19	-25	-28	-29	-26	-29	-31	-32	-27	-23	-35
Fergus Falls	-20	-16	-12	-19	-31	-34	-30	-31	-29	-26	-17	-20	-23	-22	-14	-21	-27	-27	-24	-29	-31	-32	-27	-24	-34
Fosston	-20	-11	-10	-16	-26	-31	-29	-34	-31	-28	-20	-23	-26	-26	-15	-21	-28	-28	-24	-29	-30	-31	-25	-21	-34
Grand Forks	-25	-21	-17	-22	-30	-36	-29	-36	-35	-34	-24	-30	-31	-31	-25	-28	-32	-32	-28	-32	-32	-35	-27	-25	-36
Hallock	-28	-25	-19	-25	-31	-37	-32	-37	-39	-37	-27	-33	-35	-33	-28	-32	-32	-34	-30	-32	-34	-37	-31	-29	-39
Langdon	-36	-35	-27	-34	-39	-45	-40	-42	-40	-39	-32	-38	-37	-38	-33	-36	-37	-39	-36	-39	-39	-41	-32	-32	-45
Park Rapids	-19	-16	-8	-13	-26	-26	-24	-29	-29	-27	-15	-19	-23	-23	-10	-18	-25	-25	-18	-25	-29	-30	-21	-19	-30
Roseau	-23	-21	-15	-18	-25	-32	-30	-35	-35	-35	-25	-30	-31	-31	-21	-26	-29	-29	-25	-29	-31	-31	-25	-21	-35
Thief River Falls	-25	-20	-17	-20	-28	-35	-31	-36	-35	-35	-26	-30	-30	-29	-23	-27	-29	-30	-28	-31	-32	-35	-28	-26	-36
Valley City	-27	-24	-23	-29	-37	-41	-34	-35	-34	-30	-24	-27	-31	-30	-25	-30	-34	-35	-32	-33	-34	-36	-30	-26	-41
Wadena	-16	-11	-7	-12	-24	-29	-24	-25	-25	-16	-12	-15	-18	-18	-10	-15	-21	-24	-18	-25	-26	-28	-21	-17	-29
Wahpeton	-23	-21	-16	-24	-32	-35	-30	-32	-32	-29	-19	-23	-25	-25	-18	-25	-28	-28	-26	-31	-32	-33	-28	-24	-35
Warroad	-21	-19	-13	-14	-23	-28	-26	-34	-34	-34	-24	-28	-28	-30	-20	-25	-28	-29	-22	-27	-31	-31	-24	-20	-34

\*Table values in °F  
 \*\*Created: 4 am CST Sun 12/26/2021  
 \*\*\*Values are minimums over the period beginning at the time shown.



## Key Message



Multiple winter weather events are expected to impact the region this weekend into next week. Each of these events looks to bring with a high chance for accumulating snow with at least some potential for blowing snow impacts as well. Dangerous wind chills then look to follow from Tuesday through Friday as both low and high temperatures are generally expected to remain below zero for a prolonged period of time.

## Additional Resources

[Winter Weather Safety](#)

[Reporting Winter Weather](#)

[Weather Prediction Center](#)

[NWS Grand Forks Webpage](#)

## Social Media



[Facebook](#)



[Twitter](#)

