



Winter Storm through Wednesday

January 4, 2022
5:29 AM

Bulk of the snow expected Tonight through Wednesday

Key Messages

- A low pressure system will move through the western Great Lakes, bringing a period of accumulating snow through Wednesday
- **Travel conditions will be hazardous tonight through Wednesday evening**
- **Dangerous wind chills Wednesday night into Thursday morning**

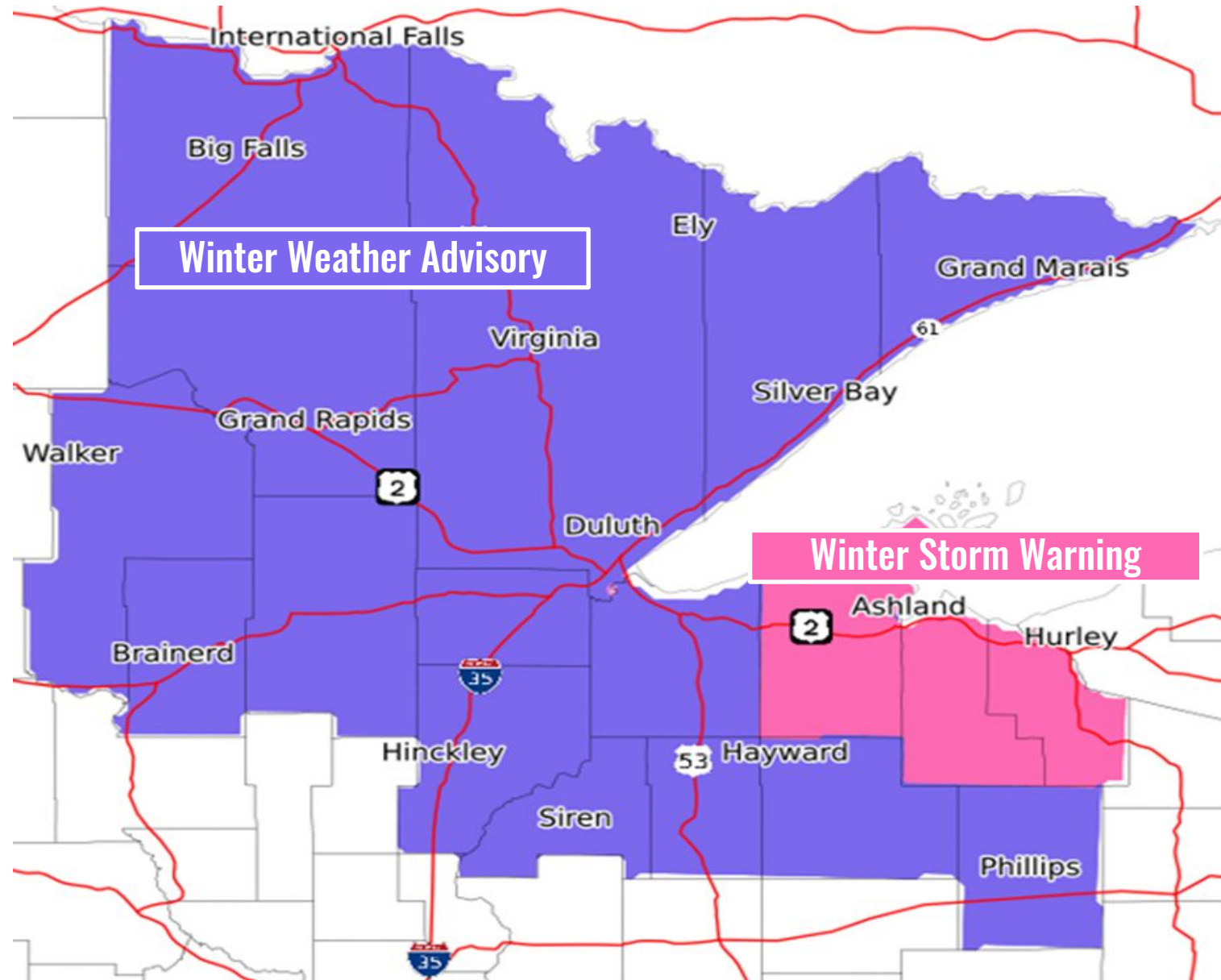


Important Updates

- Added Winter Weather Advisories for the remainder of the region.

Next Scheduled Briefing

- This afternoon.





Forecast Snowfall Amounts

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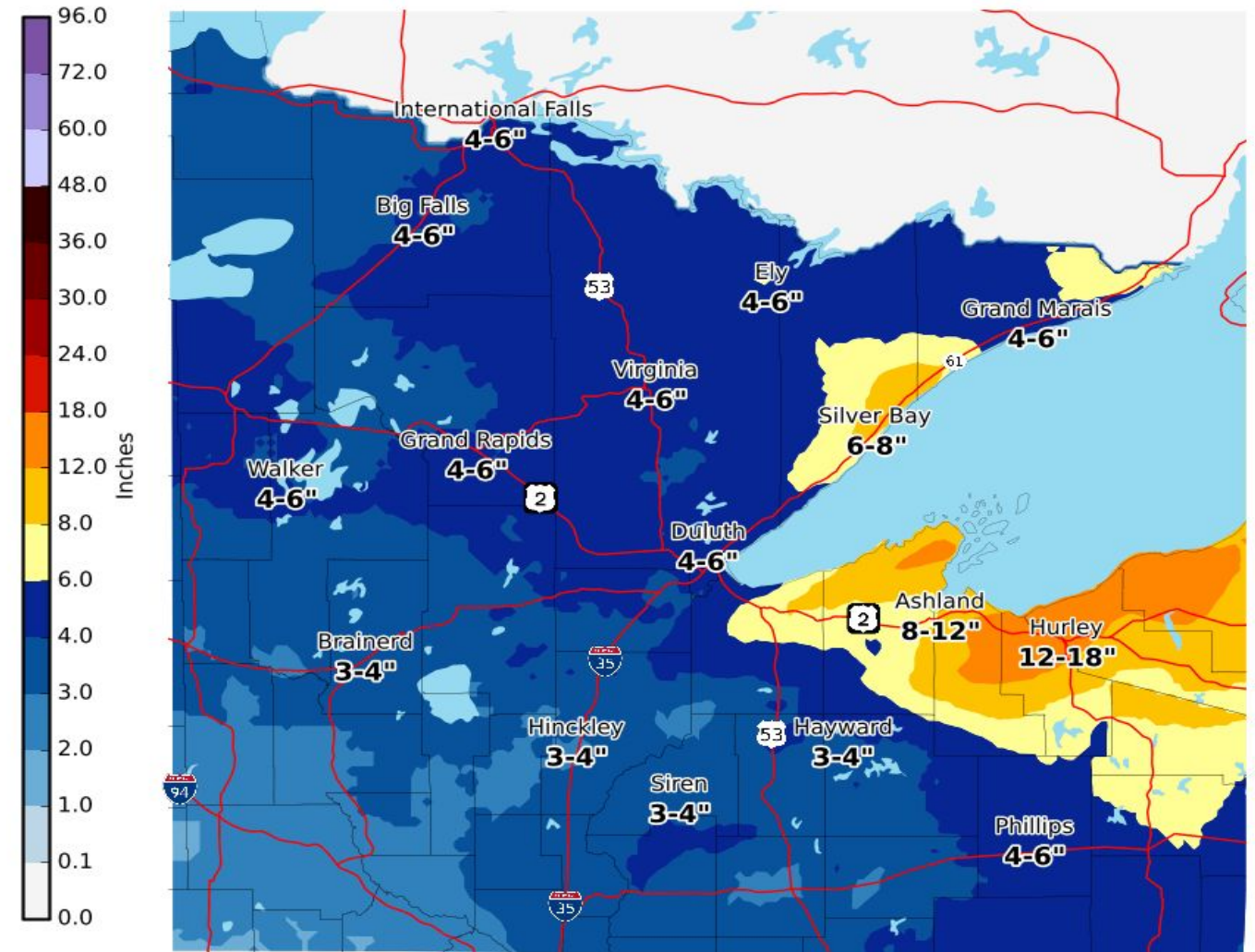
Current forecast amounts through Thursday afternoon

Details

- Widespread accumulating snow is forecast to begin tonight.
- Lake effect snow is possible along the North Shore today, especially near Silver Bay and Grand Portage.
- **Moderate to heavy snow amounts are expected after midnight tonight along the South Shore.** Some localized heavy snow is possible along and north of U.S. Highway 2 along the Iron Range this afternoon and evening.
- Heavier snow bands may occur due to lake effect processes.
- **Near-blizzard conditions are possible along the shoreline of Cook County late tonight, Bayfield and Ashland counties Wednesday morning.**

Expected Snowfall - Official NWS Forecast

Valid: 01/04/2022 12:00 AM - 01/06/2022 06:00 PM CST



National Weather Service
Duluth Minnesota

01/04/2022 04:36 AM CST

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

National Weather Service
Duluth, Minnesota



Expected Winter Storm Impacts

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Minor to Moderate Impacts Expected



Impact Details

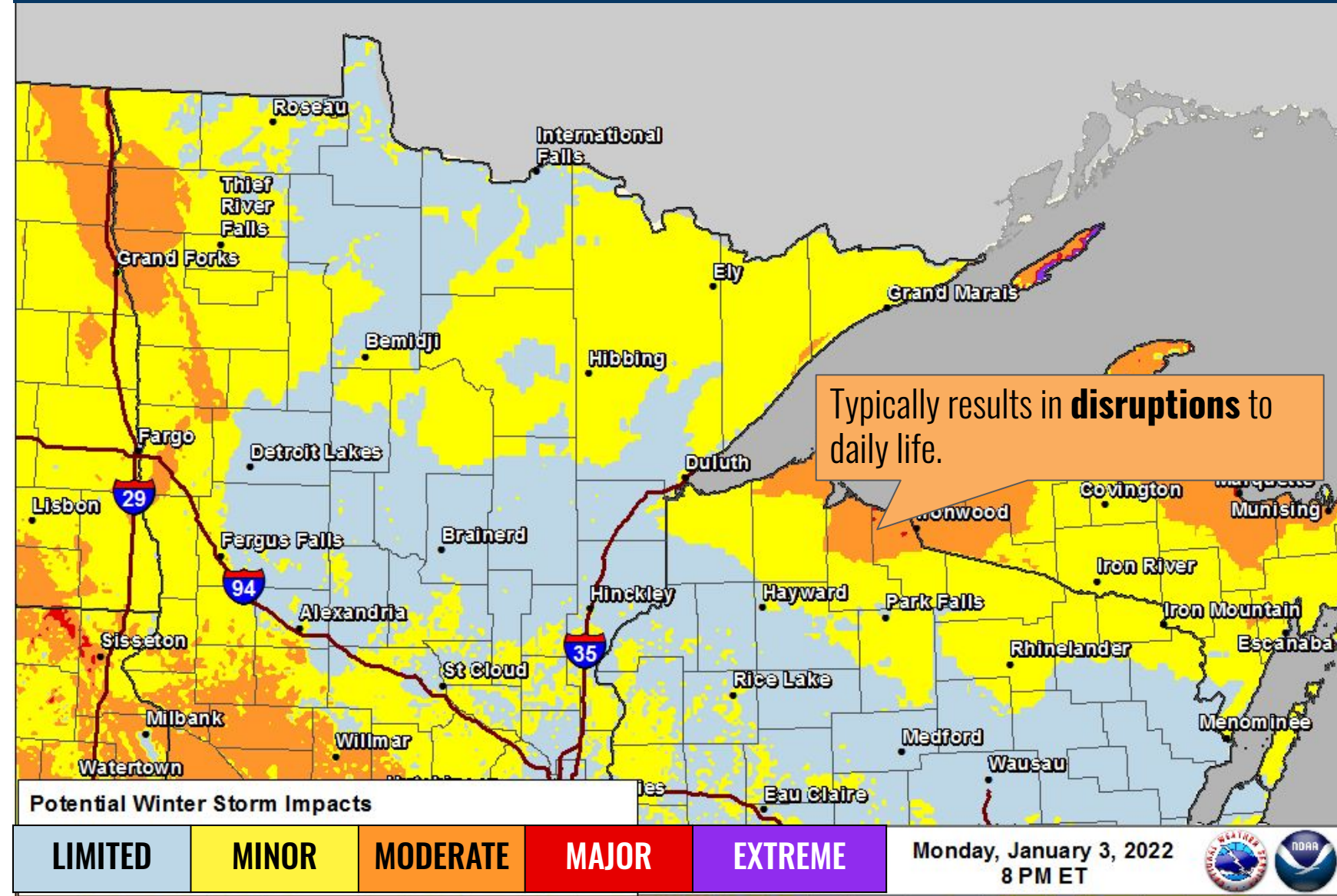
- Difficult travel along the South Shore along and north of U.S. Highway 2 as well as Wisconsin Highway 13 on Wednesday morning. **Near-blizzard conditions will be possible.**
- Blowing and drifting snow, especially in open areas tonight and Wednesday morning



Certainty/Confidence:

- Confidence highest in snow amounts along the north and south shores of Lake Superior.

Winter Storm Severity Index





Timing Details

January 4, 2022
5:29 AM

Widespread snow begins tonight, lasting through Wednesday



Timing Details

- Light lake-effect snow along North Shore today.
- Widespread snow moves in this evening, lasting through Wednesday.
- Widespread snow comes to an end Wednesday afternoon and evening, but continues along the South Shore through Thursday due to lake-effect.

	Tue 12 PM-6 PM	Tue 6 PM-12 AM	Wed 12 AM-6 AM	Wed 6 AM-12 PM	Wed 12 PM-6 PM	Wed 6 PM-12 AM
Twin Ports	Light Snow	Light Snow	Moderate Snow	Light Snow	Light Snow	None
Iron Range/ International Border	Light Snow	Moderate Snow	Moderate Snow	Light Snow	Light Snow	None
Brainerd Lakes	None	Light Snow	Moderate Snow	Light Snow	Light Snow	None
Hayward	None	Light Snow	Moderate Snow	Light Snow	Light Snow	None
WI South Shore	None	Light Snow	Heavy Snow	Heavy Snow	Moderate Snow	Light Snow





Frigid Cold Wednesday Night

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At these values, frostbite could form in just **15-30** minutes on exposed skin!

- **Minimize Exposure** – Avoid exposure during the coldest wind chills.
- **Stay Dry** – Wet clothing causes body heat to be lost faster. Wear waterproof insulated boots.
- **Stay Covered** – Wear a hat and gloves! At least half your body heat is lost if your head is not covered.
- **Dress in Layers** – Trapped air between layers helps to insulate.

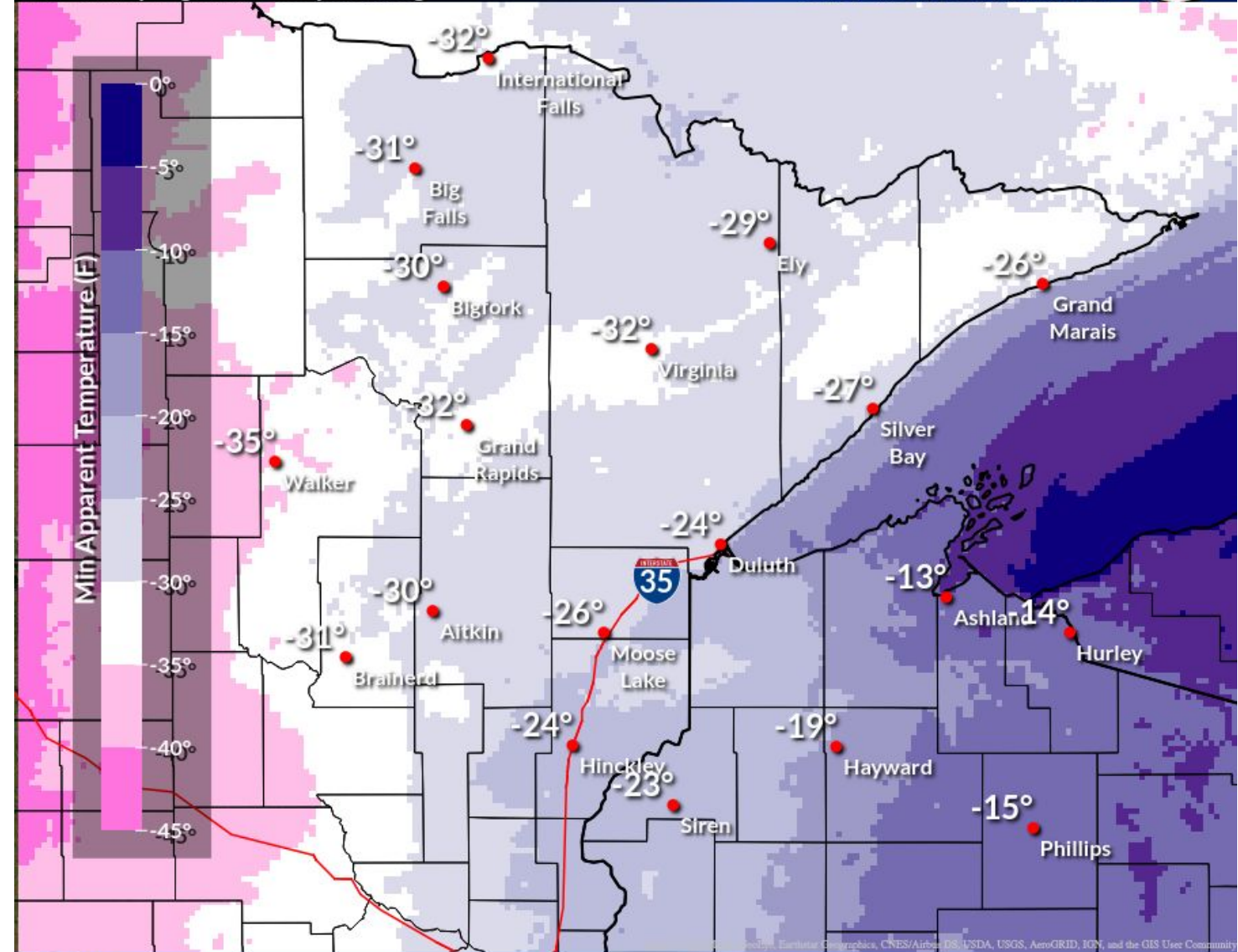
Wind Chill is how the wind and cold feel on exposed skin. Wind and cold combined carry heat away from the body, which can cause frostbite and/or hypothermia.

Minimum Wind Chill Values

Wednesday Night/Thursday Morning

Weather Forecast Office
Duluth, MN

Issued Jan 04, 2022 5:24 AM CST



f NWS Duluth

weather.gov/dlh



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

National Weather Service
Duluth, Minnesota



Key Messages

- A Winter Storm Warning remains in effect for Bayfield, Ashland and Iron counties, with Winter Weather Advisories for the rest of the Northland
- **Moderate, to at times heavy snow, is expected tonight into Wednesday morning for the South Shore**
- Blowing and drifting snow, especially in open areas tonight and Wednesday morning. **Near-blizzard conditions are possible along the shoreline areas of Bayfield and Ashland counties, and Cook counties**



Additional Resources

[NWS Duluth Website](#)

[Snowfall Probability
Maps/Table](#)

[NWS Duluth on Facebook](#)

[NWS Duluth on Twitter](#)

[Forecast Points \(Hourly
Details\)](#)

Road Conditions

MN: [511mn.org](#)

WI: [511wi.gov](#)

