Dangerously Cold Air

January 25, 2022
3:17 PM

Wind chills -25 to -40°F Tonight through Wednesday AM

Key Messages

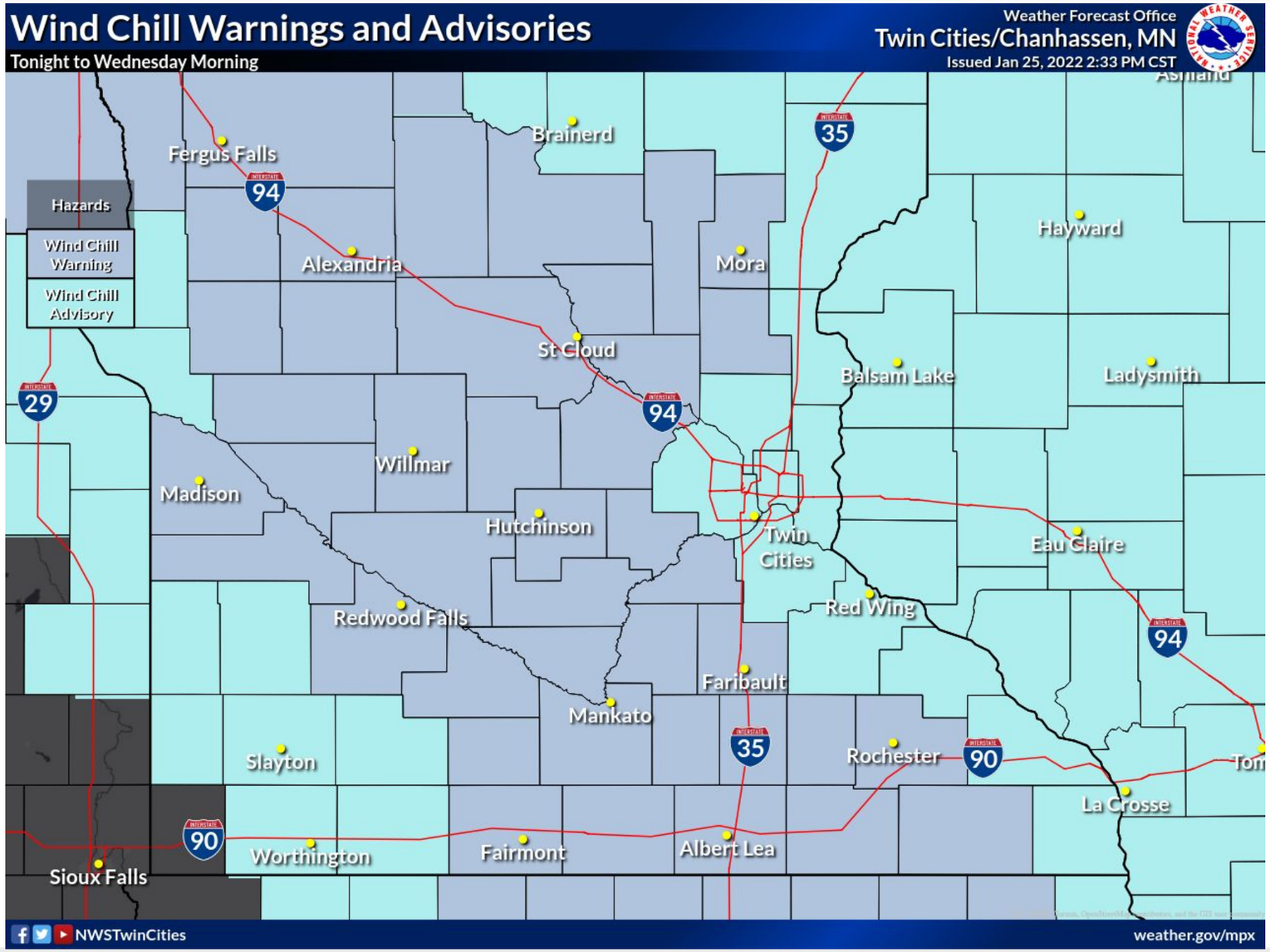
- ➔ Bitterly cold Arctic air remains through Wednesday morning.
- ➔ Wind chills will deteriorate through the evening into Wednesday morning.
  - ◆ Wind Chill Warning: *(prolonged)* -35° or colder
  - ◆ Wind Chill Advisory: -25 to -35°

Headlines

- ➔ Wind Chill Warnings in effect tonight into Wednesday morning.
- ➔ Wind Chill Advisories continue into Wednesday AM.

Next Scheduled Briefing

- ➔ This will be the final briefing.



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

National Weather Service
Twin Cities, MN

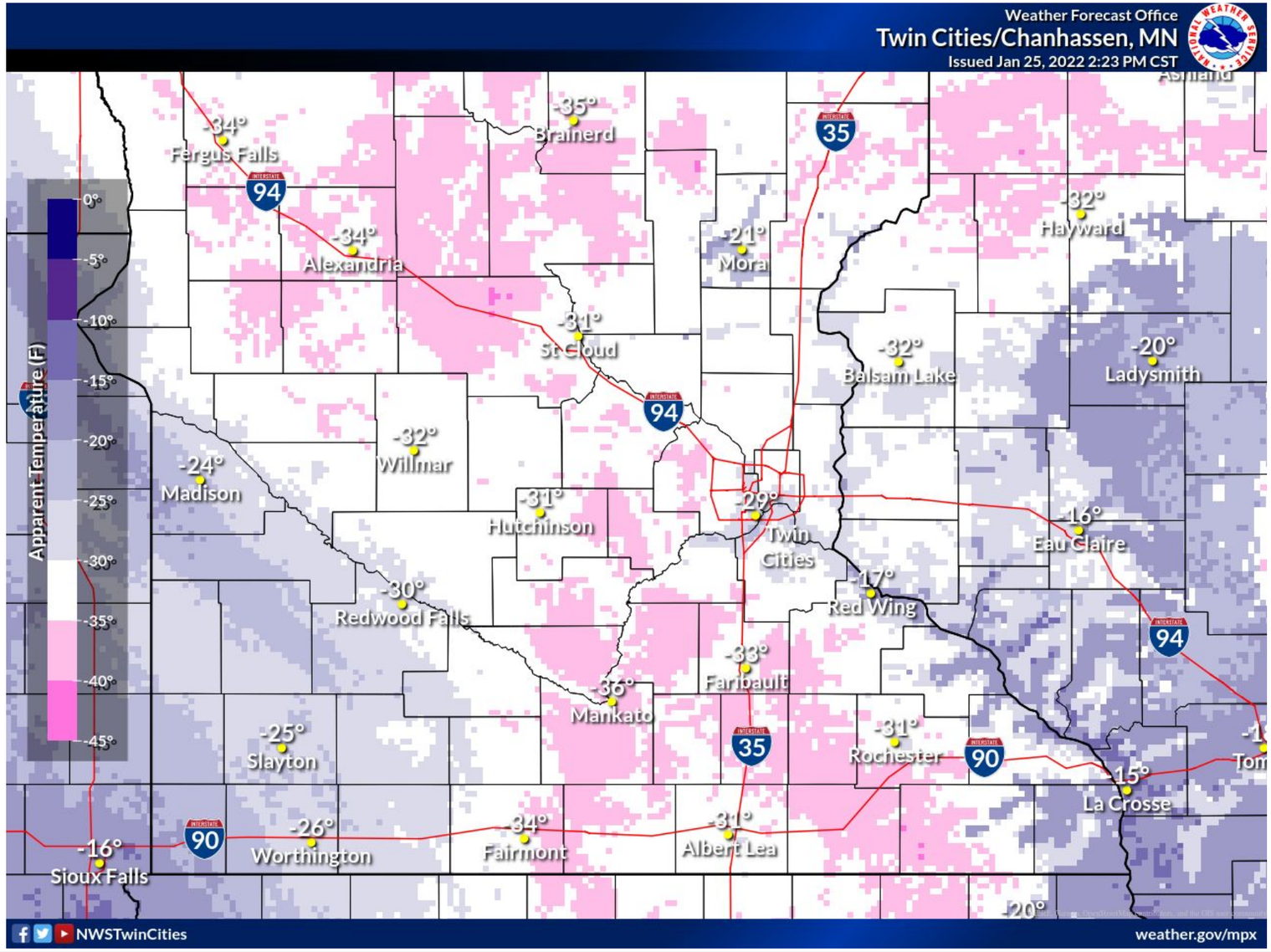
Coldest Wind Chills

January 25, 2022
3:17 PM

Tonight through Wednesday morning

Key Messages

- Low air temperatures
  - -15 to -25°F
- Northwest winds becoming southwest winds
  - 5 to 10 mph
- Low air temperatures in combination with wind will lead to bitter wind chills
  - -25 to -40°F



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Minimum Wind Chill Forecast

January 25, 2022
3:17 PM

	1/25	1/26				
	Tue	Wed				
	6pm	12am	6am	12pm	6pm	Minimum
Albert Lea	-26	-31	-35	-20	-8	-35
Alexandria	-35	-36	-33	-7	9	-36
Eau Claire	-15	-22	-30	-19	-8	-30
Mankato	-24	-33	-35	-13	5	-35
Minneapolis	-19	-28	-30	-15	3	-30
Red Wing	-18	-16	-28	-15	-3	-28
Rice Lake	-20	-30	-34	-20	-7	-34
Saint Cloud	-20	-31	-32	-12	9	-32
Saint Paul	-17	-25	-30	-14	2	-30
Willmar	-30	-32	-32	-5	11	-32

* Table values in °F

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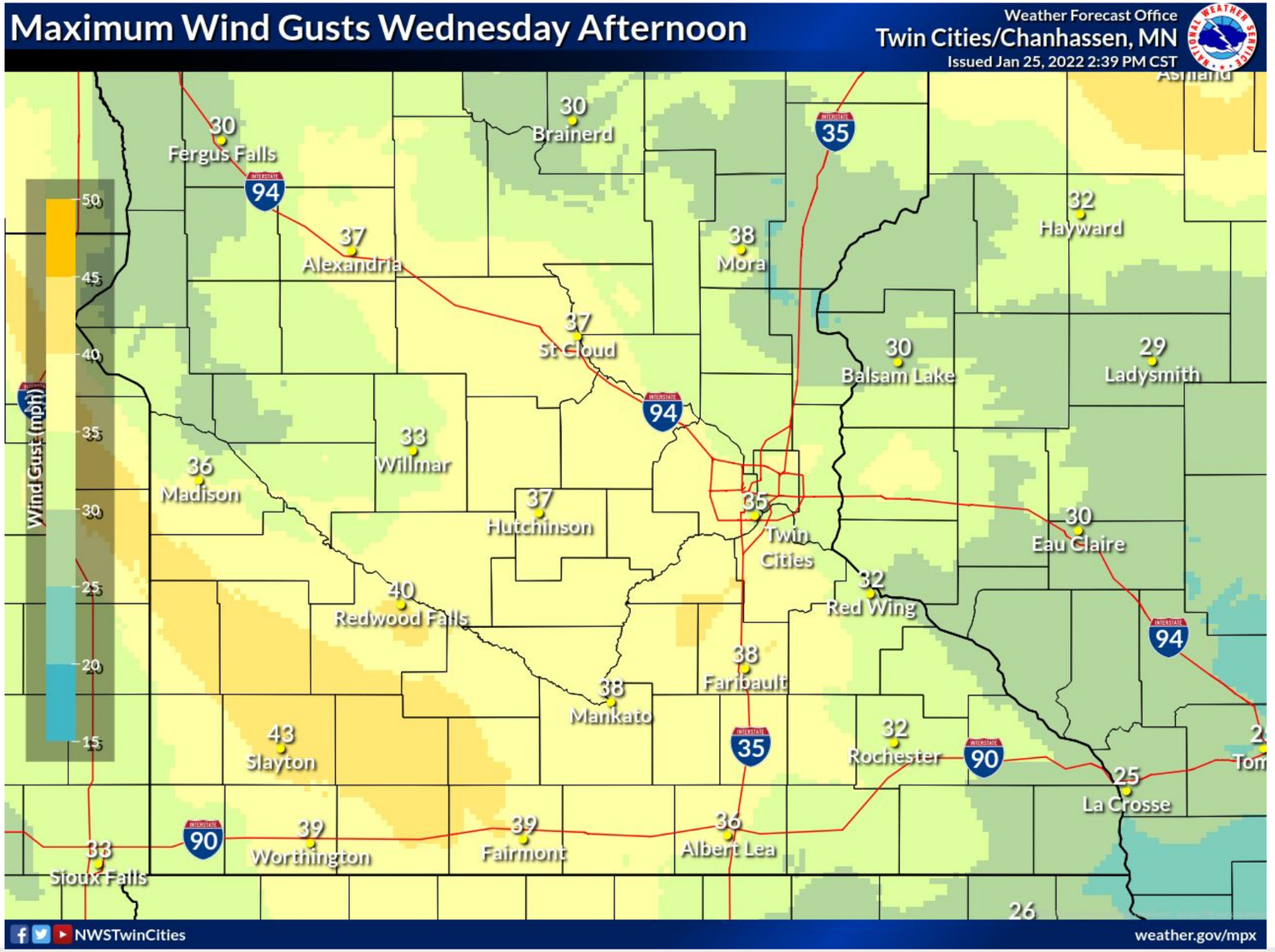
Wednesday: Blowing Snow Possible

January 25, 2022
3:17 PM

Key Messages

- Winds will become gusty Wednesday AM
  - *blowing snow concerns* into the afternoon
- Sustained winds from the southwest
  - 15 to 20 mph
- Wind Gusts
  - 30 to 40 mph



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The Science of Wind Chill

NO WIND

98.6°F

Average temperature of the human body

Under calm conditions, the body radiates heat, creating a layer of warmth between our skin and the cold surroundings.

WINDY

95°F

Hypothermia begins when our body temperature drops two to four degrees

But when it's windy, the moving air breaks up this insulating layer. It speeds up heat loss by whisking away the warmth from our skin.

Heat is moved away from our bodies.

weather.gov/winter

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