

Hazards Timeline:

TUE 6PM 12AM 6AM 12PM WED 6PM 12AM 12PM THU 12AM 6AM



Rawlins, Arlington,
Douglas, Wheatland,
Laramie, Bordeaux, &
S. Laramie Range

Snowy & Sierra Madre Ranges

Rawlins, Arlington,
& Shirley Basin

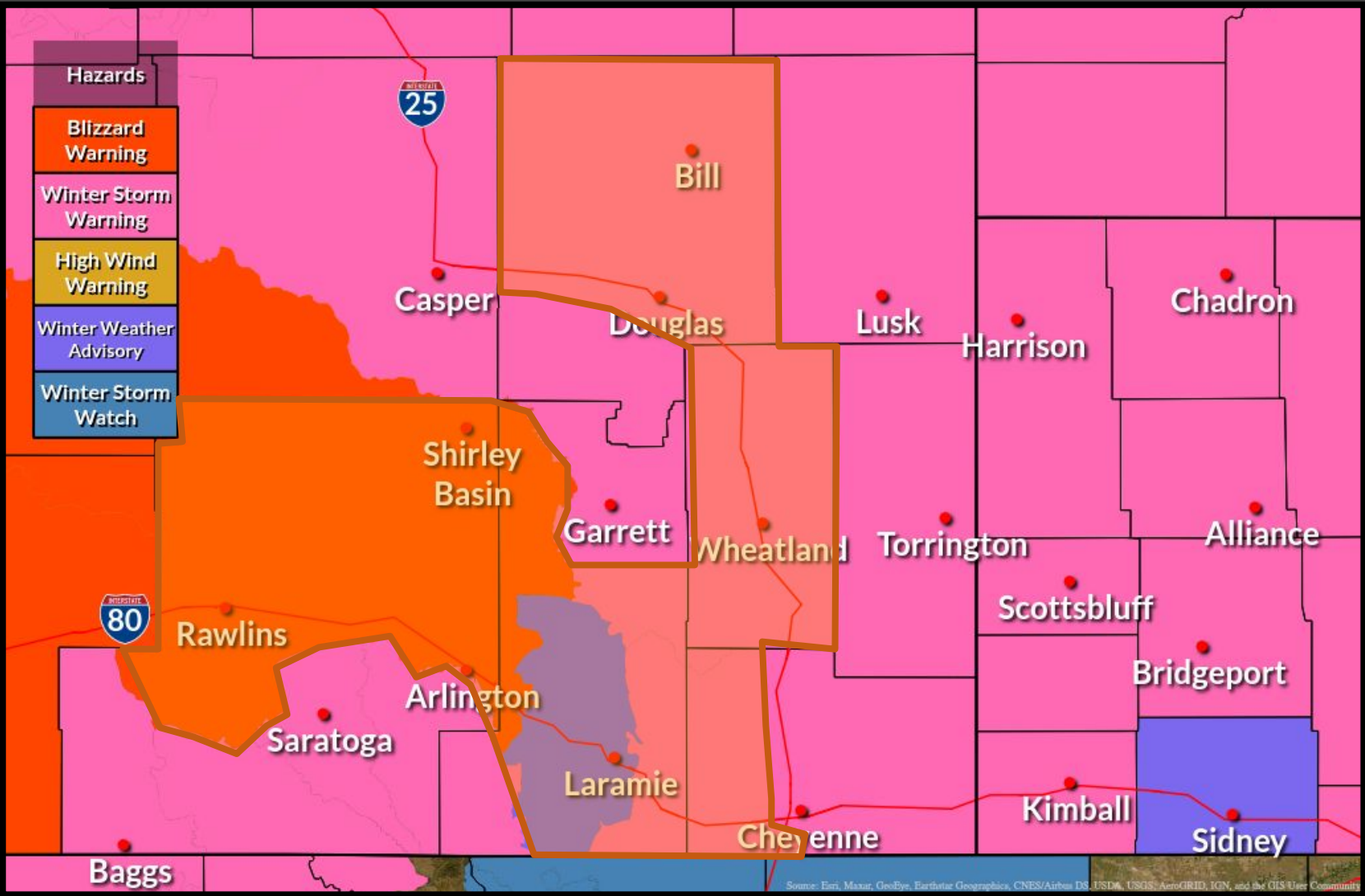
N. Laramie Range, N. Panhandle,
S. Carbon, Converse, Niobrara,
Platte, Goshen Co.

S. Panhandle, S.
Laramie Range,
Laramie Co.

Laramie Valley
& Cheyenne
County, NE

Travel Impacts Tues-Wed, lingering into
Thursday into Friday

WIDESPREAD SNOWFALL



Areas of blowing snow causing blizzard conditions likely Tuesday night through Wednesday. Heavy snow could significantly reduce visibility.



NATIONAL WEATHER SERVICE
CHEYENNE WYOMING





Impactful Winter Storm

February 21, 2023

11:50 AM

Tuesday Afternoon through Wednesday Night

Key Messages

→ **Blizzard Warnings: 2PM Tuesday - 5AM Thursday**

- ◆ Winds of 30-50mph, whiteout conditions, extremely low visibility, moderate to heavy snow -> transitioning to more blowing snow Wednesday night to Thursday morning. Significant drifting impacts likely.

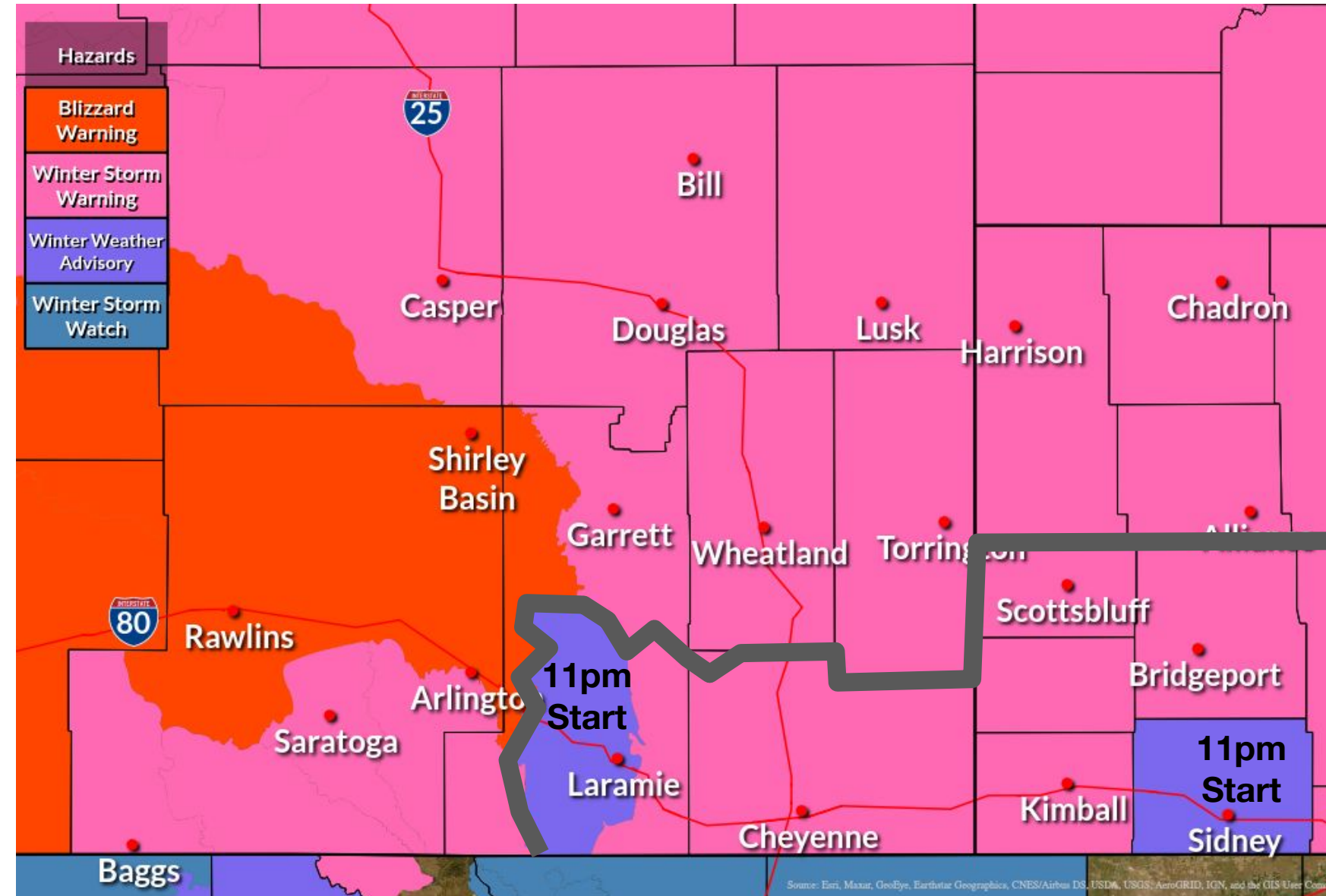
- ◆ Snow totals of 12"-18" - locally could be 18"-24"

→ **Winter Storm Warnings: SE Wyoming & NE Panhandle starting 2pm north and 8pm south through 5am Thursday.**

- ◆ Snow accumulations of 6 to 12 inches, locally higher, for the **Converse, Niobrara, Platte, Goshen, Sioux, Dawes, and Box Butte Counties.**
- ◆ Snow accumulations of 4 to 8 inches for **Laramie, Scotts Bluff, Banner, and Kimball Counties, the S. Laramie Range, the Saratoga Valley, and southwest Carbon County.**
- ◆ Wind gusts up to 45 MPH could create areas of blowing snow and reduced visibility - drifting impacts likely.

→ **Winter Weather Advisories: 11PM Tuesday to 5AM Thursday in effect for the Laramie Valley and Cheyenne County.**

- ◆ 2 to 6 inches of snow for the Laramie Valley, Wyoming.
- ◆ 3 to 5 inches of snow for Cheyenne County, Nebraska.
- ◆ Wind gusts up to 45 MPH could create areas of blowing snow and reduced visibility and drifting.





High Winds Continue

February 21, 2023
11:50 AM

Max Wind Gusts Through Tuesday Afternoon

Details

- **High Wind Warnings** remain in effect for most of southeast Wyoming.
- ◆ **Warnings** for portions of **Carbon County** and the wind prones of **Arlington/Elk Mountain, Bordeaux, S. Laramie Range & Foothills** go through 2 PM Tuesday.



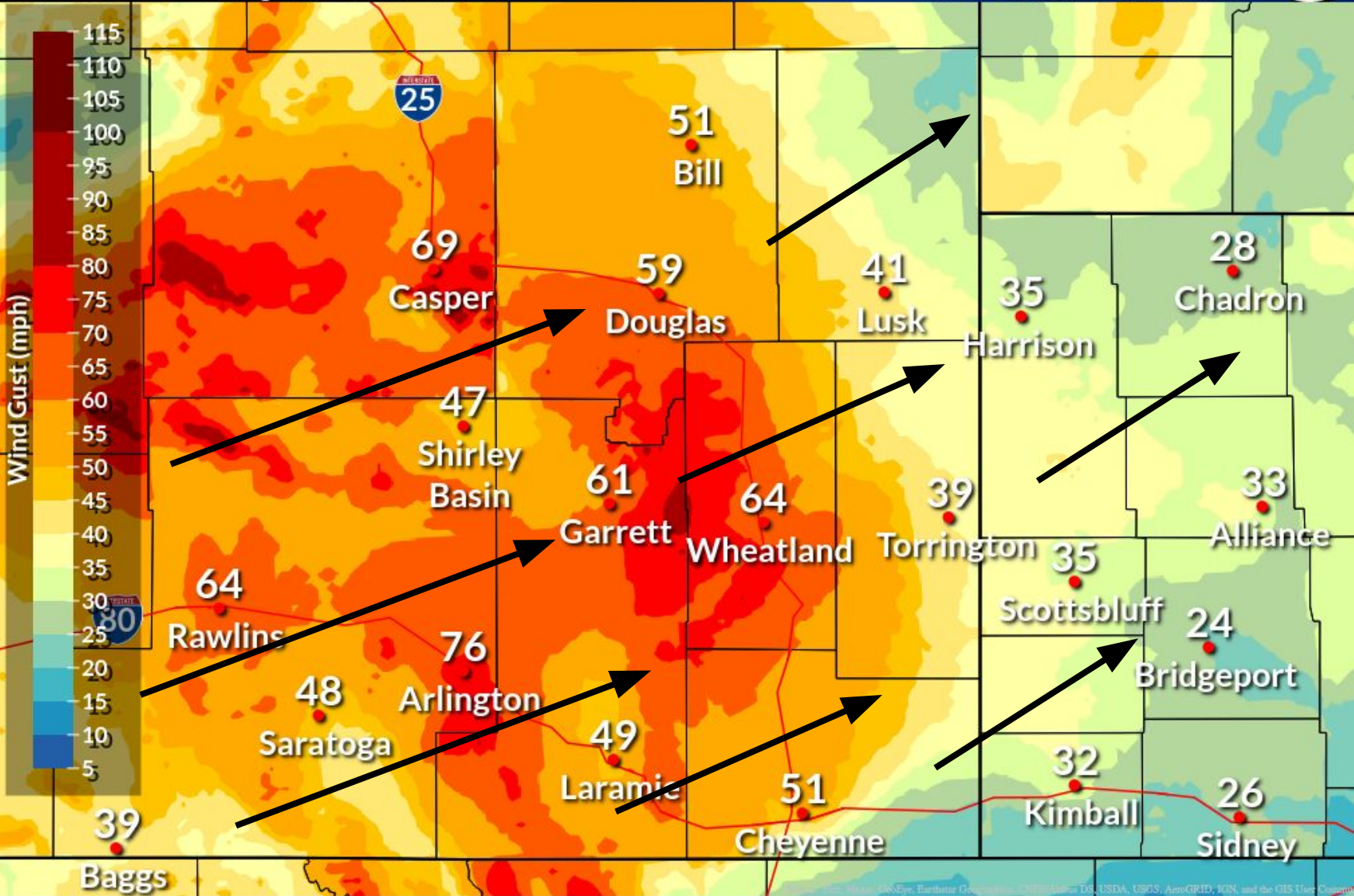
High blowover risk for light or high profile vehicles due to strong crosswinds.

Today's Maximum Wind Gust

Valid Tue 6:00AM through Tue 6:00PM MST

Weather Forecast Office
Cheyenne, WY

Issued Feb 21, 2023 9:04 AM MST



f t NWS Cheyenne

weather.gov/cys



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

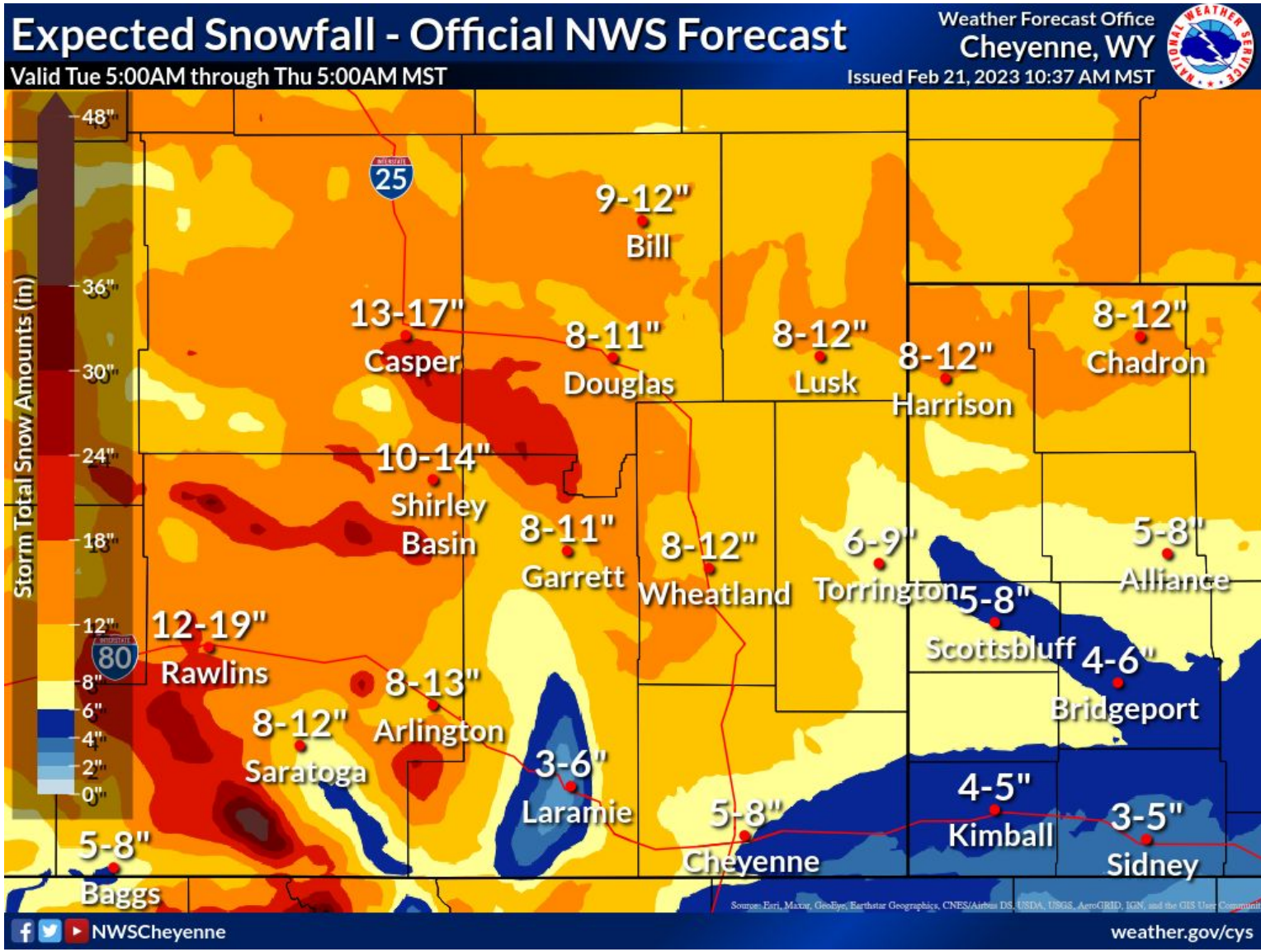
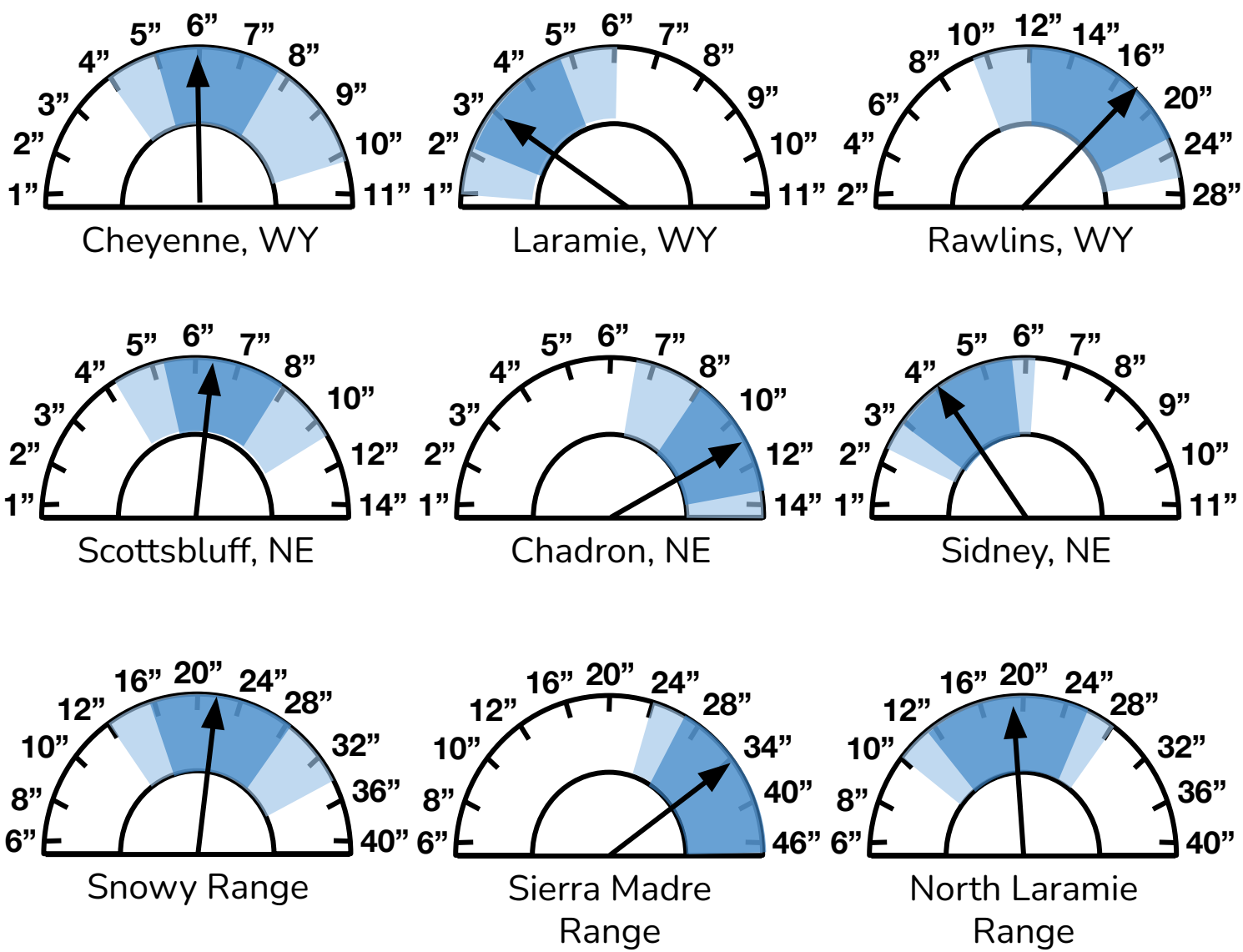
National Weather Service
Cheyenne, WY



Preliminary Forecast Snowfall

February 21, 2023
11:50 AM

Snow forecast will continue to fluctuate over the next 24 hours, please check the latest forecast!



Overall Range Potential

Most Likely Range

↑ NWS Forecast

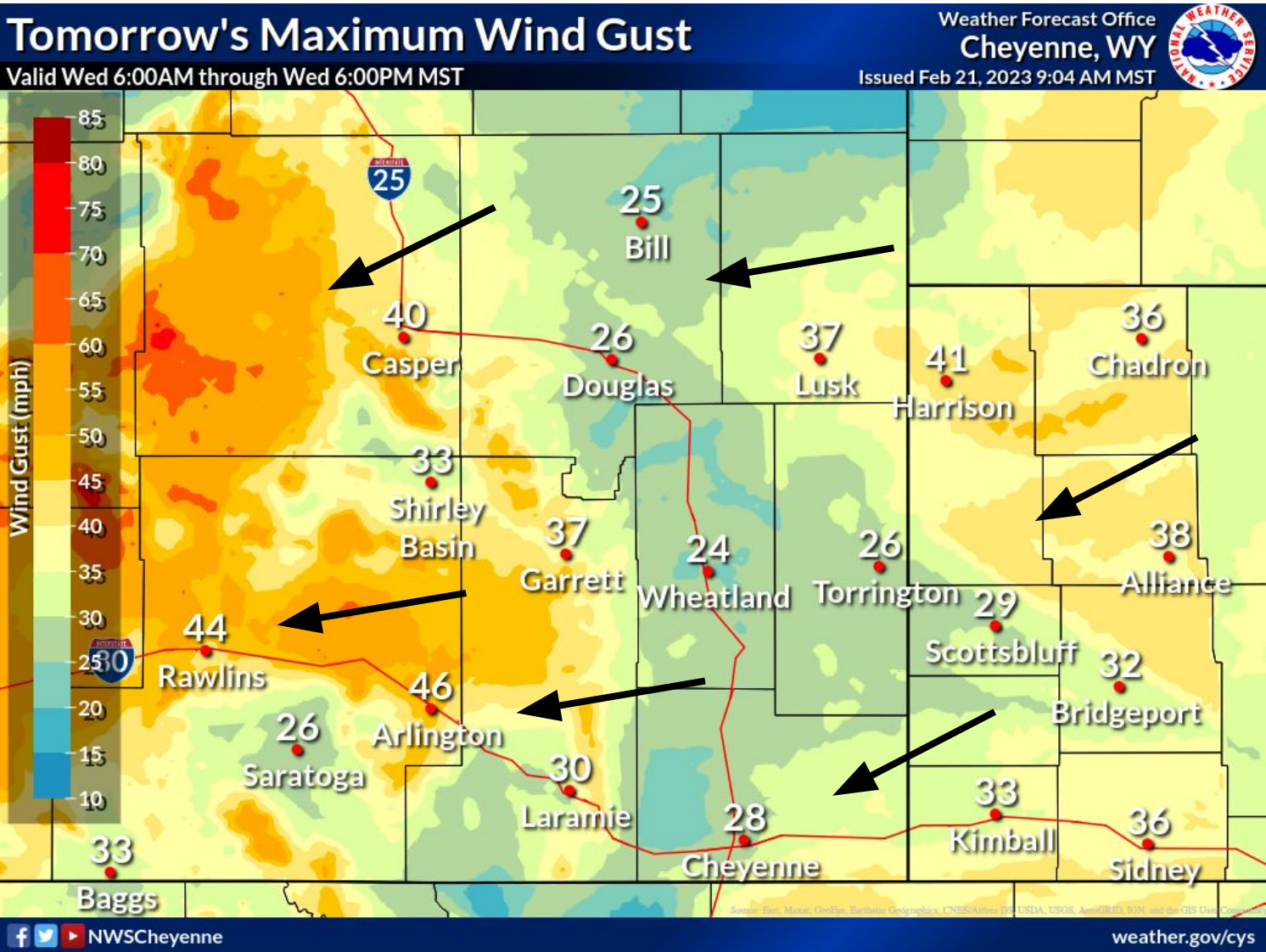
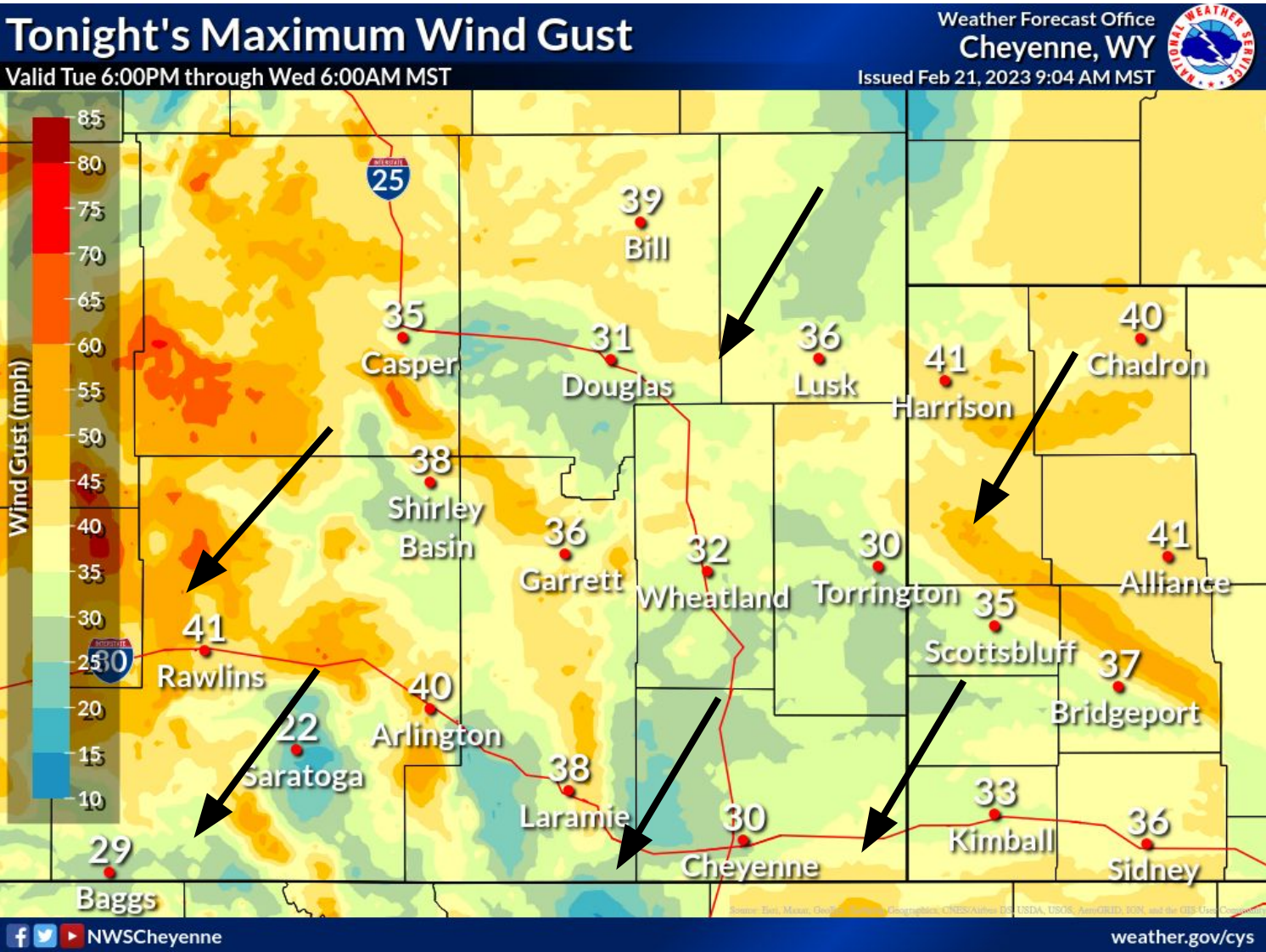
Forecast Snowfall Totals
Tuesday Afternoon through Wednesday Night



Strong Winds Continue Wednesday

February 21, 2023
11:50 AM

Blowing Snow, Drifting, & Low Visibility Expected



Strong NE/E winds will continue during snowfall Wednesday. 25 to 45 mph wind gusts expected during and after snowfall - resulting in whiteout extremely poor visibility, blowing snow, and drifting impacts.



Wyoming Impact Timeline

February 21, 2023
11:50 AM

Tuesday Night Through Thursday Morning

	Tue, Feb 21 - 6 PM	Wed, Feb 22 - 12 AM	Wed, Feb 22 - 6 AM	Wed, Feb 22 - 12 PM	Wed, Feb 22 - 6 PM	Thu, Feb 23 - 12 AM	Thu, Feb 23 - 6 AM
Cheyenne			Moderate Snow Blowing Snow		Lighter Snow Blowing Snow	Snow Ending	Lingering Travel Impacts
Laramie						Snow Ending	Lingering Travel Impacts
Rawlins	Snow Starting	Impacts Ramping up!	Blizzard Conditions	Blizzard Conditions	Lighter Snow Blowing Snow	Snow Ending	Lingering Travel Impacts
Wheatland			Heavy Snow Blowing Snow		Lighter Snow Blowing Snow	Snow Ending	Lingering Travel Impacts
Douglas	Snow Starting		Heavy Snow Blowing Snow		Lighter Snow Blowing Snow	Snow Ending	Lingering Travel Impacts
Lusk			Heavy Snow Blowing Snow		Lighter Snow Blowing Snow	Snow Ending	Lingering Travel Impacts
Torrington			Moderate Snow Blowing Snow		Lighter Snow Blowing Snow	Snow Ending	Lingering Travel Impacts

This outlook depicts timing and magnitude of potential impacts to local travel and infrastructure from snowfall rates and/or amounts, blowing snow, ice, and cold temperatures.

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

Risk Levels

Little to None

Minor

Moderate

Major

Extreme



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

National Weather Service
Cheyenne, WY



Nebraska Impact Timeline

February 21, 2023
11:50 AM

Tuesday Night Through Thursday Morning

This outlook depicts timing and magnitude of potential impacts to local travel and infrastructure from snowfall rates and/or amounts, blowing snow, ice, and cold temperatures.

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

	Tue, Feb 21 - 6 PM	Wed, Feb 22 - 12 AM	Wed, Feb 22 - 6 AM	Wed, Feb 22 - 12 PM	Wed, Feb 22 - 6 PM	Thu, Feb 23 - 12 AM	Thu, Feb 23 - 6 AM
Chadron	Chance of rain	Moderate snow	Heavy snow Blowing snow	Heavy snow and blowing snow	Heavy snow and blowing snow	Snow Ending Blowing Snow	Lingering travel impacts
Alliance	Chance of rain	Moderate snow	Heavy snow Blowing snow	Heavy snow and blowing snow	Heavy snow and blowing snow	Snow Ending Blowing Snow	Lingering travel impacts
Scottsbluff	Chance of rain	Moderate snow	Heavy snow Blowing snow	Heavy snow and patchy blowing snow	Heavy snow and patchy blowing snow	Snow Ending Blowing Snow	Lingering travel impacts
Bridgeport	Chance of rain	Moderate snow	Heavy snow Blowing snow	Heavy snow and blowing snow	Heavy snow and blowing snow	Snow Ending Blowing Snow	Lingering travel impacts
Kimball	Chance of rain	Moderate snow	Moderate Snow Blowing snow	Moderate snow Blowing snow	Likely snow and patchy blowing snow	Snow Ending Blowing Snow	Lingering travel impacts
Sidney	Chance of rain	Light to Moderate snow	Light to Moderate snow Blowing snow	Light to Moderate snow Blowing snow	Light to Moderate snow Blowing snow	Snow Ending Blowing Snow	Lingering travel impacts

Risk Levels	Little to None	Minor	Moderate	Major	Extreme
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Wind Chill Forecast

February 21, 2023
11:50 AM

Wednesday through Friday Morning

Details

- This winter storm will bring frigid temperatures to the area **Wednesday through Friday morning**.
- High temperatures in the teens and single digits are expected Wednesday and Thursday.
- Low temperatures Wednesday night/Thursday morning are expected to be in the negative teens.
- Coldest wind chills expected Wednesday night into Thursday morning. Wind chills less than -25°F are likely.

Maximum Temperature Forecast

	2/21	2/22	2/23	2/24	2/25	2/26	2/27	2/28	
	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Maximum
Alliance	51	24	0	22	37	41	39	42	51
Chadron	52	18	1	25	39	44	40	44	52
Scottsbluff	53	27	6	28	41	45	42	46	53
Sidney	48	32	4	25	39	41	39	43	48
Cheyenne	51	28	10	31	42	44	40	43	51
Douglas	46	16	4	32	39	42	38	41	46
Laramie	42	29	21	31	38	39	33	38	42
Lusk	45	14	-2	26	37	39	34	39	45
Rawlins	36	23	17	28	32	31	30	32	36
Torrington	52	25	6	29	42	45	42	47	52

*Table values in °F

**Created: 10 am MST Tue 2/21/2023

***Values are maximums over the period beginning at the time shown.

Don't see your city? Check out weather.gov/forecastpoints

Minimum Temperature Forecast									Minimum
	2/21 Tue	2/22 Wed	2/23 Thu	2/24 Fri	2/25 Sat	2/26 Sun	2/27 Mon	2/28 Tue	
Alliance	27	-7	-13	-5	15	15	23	21	-13
Chadron	21	-7	-12	-4	20	17	25	25	-12
Scottsbluff	31	-4	-10	1	15	16	25	24	-10
Sidney	29	-5	-13	-2	13	15	25	23	-13
Cheyenne	31	-10	-16	5	22	21	27	25	-16
Douglas	18	-13	-21	-1	19	17	19	24	-21
Laramie	32	-10	-13	8	19	16	17	17	-13
Lusk	17	-14	-18	-2	20	17	21	23	-18
Rawlins	26	-15	-15	14	16	16	19	24	-15
Torrington	29	-8	-16	2	15	15	25	23	-16

*Table values in °F

**Created: 10 am MST Tue 2/21/2023

***Values are minimums over the period beginning at the time shown.

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Minimum Wind Chill Forecast

	2/21 Tue		2/22 Wed				2/23 Thu				2/24 Fri				2/25 Sat					Minimum
	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm		
Alliance	39	12	-14	-22	-26	-30	-35	-34	-13	-22	-25	-24	-4	2	0	2	25	12	-35	
Chadron	43	4	-14	-26	-27	-31	-32	-31	-14	-19	-20	-18	2	9	6	8	27	14	-32	
Scottsbluff	43	18	-8	-18	-20	-24	-28	-26	-7	-15	-17	-14	9	6	2	3	29	17	-28	
Sidney	38	26	-8	-18	-21	-28	-33	-32	-7	-16	-22	-21	3	4	0	2	27	15	-33	
Cheyenne	39	19	-10	-18	-21	-30	-30	-27	-2	-11	-11	-8	15	9	9	12	30	15	-30	
Douglas	31	1	-14	-25	-25	-31	-41	-37	-12	-19	-17	-15	12	5	3	5	24	10	-41	
Laramie	30	20	-6	-18	-22	-28	-31	-23	7	-7	-6	1	13	5	5	6	22	9	-31	
Lusk	31	-1	-19	-31	-33	-39	-39	-37	-17	-25	-26	-19	3	3	4	5	22	9	-39	
Rawlins	19	12	-9	-24	-28	-34	-34	-26	0	1	1	5	10	3	4	6	16	9	-34	
Torrington	43	17	-11	-17	-21	-28	-34	-30	-7	-16	-16	-13	10	4	1	3	28	14	-34	

*Table values in °F

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Don't see your city? Check out weather.gov/forecastpoints



Additional Resources:



[Latest Version of the Briefing Packet](#)



[Latest Updated Hazard Information](#)



[Radar Imagery](#)



[Recent Snowfall Reports](#)



[Live-updating Point Forecast](#)
Click on the map to select your location, or use the search bar to type in your city name or coordinates



Departments of Transportation
[WYDOT](#) / [NEDOT](#) / Dial 5-1-1



[NWS Cheyenne Probabilistic Snow](#)



[Graphical Hazardous Weather Outlook](#)



[NWS Winter Safety](#)

Blizzard **Warning**

Severe winter weather is expected within the next **12 to 36 hours** or is occurring – including whiteout conditions.
Do not travel.

take action.

Winter Storm **Warning**

Dangerous winter weather is expected within the next **12 to 36 hours** or is occurring.
Considerable travel problems are expected.

take action.

Winter Weather **Advisory**

Potentially dangerous winter weather is expected within the next **12 to 36 hours** or is occurring.
Travel difficulties are expected.

be aware.

Have Questions? Contact Us!



307-772-2468 or 1-800-269-6220



@NWSCheyenne



nws.cheyenne@noaa.gov



US National Weather Service Cheyenne