



# Late Season Snow Expected

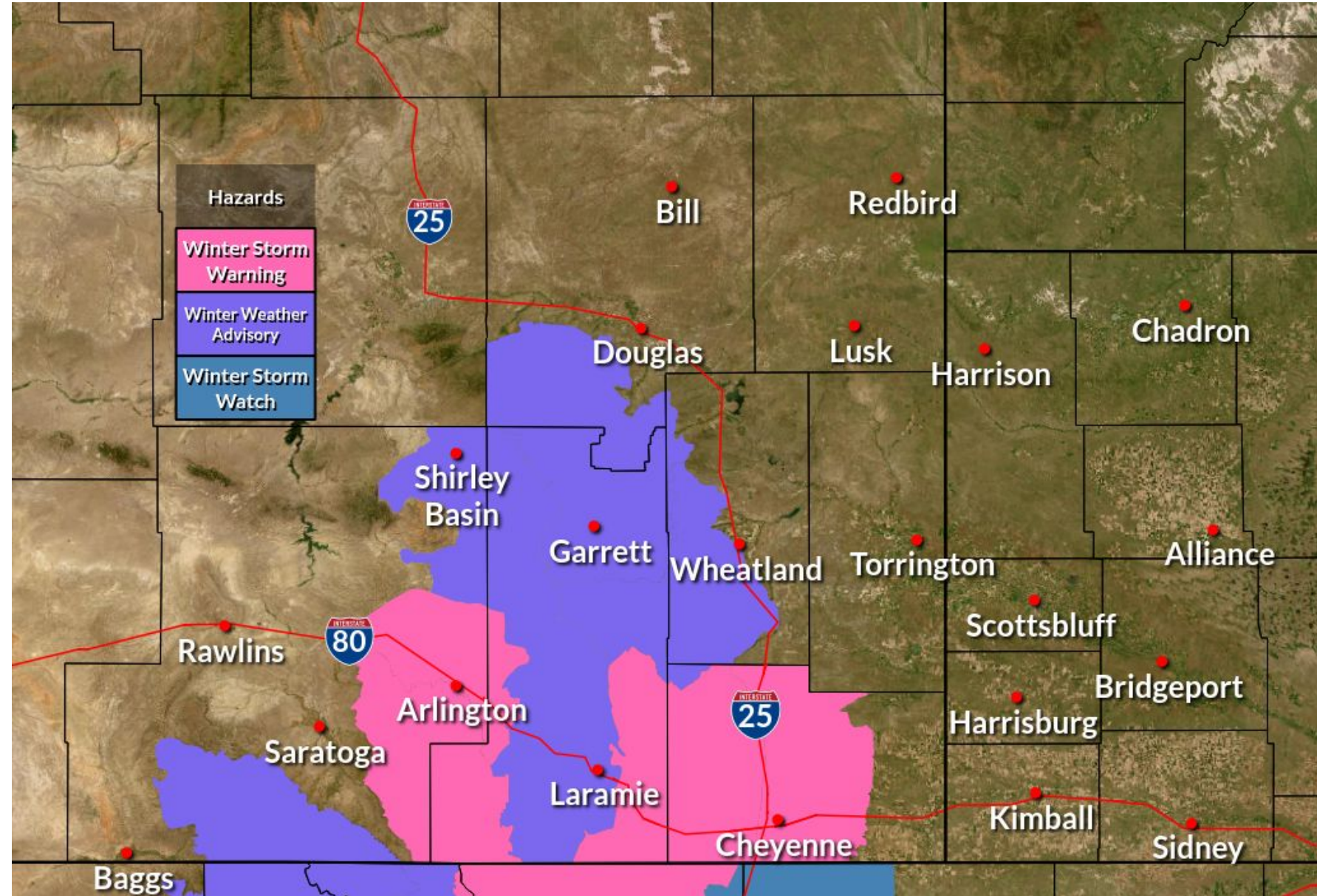
May 4, 2026  
3:12 PM

Snow Expected Monday Night through Wednesday Morning

## Key Messages

- A strong cold front will bring a chance for showers and thunderstorms this afternoon, which will mix with and change over to **snow** tonight and continue through Wednesday morning.
- **Accumulating snow is expected over 5500 ft in elevation**, with significant accumulations likely in and near the Snowy and southern Laramie Ranges.
- **Snowfall will be heavy and wet**, which could weigh on leafed-out trees and lead to limb damage and/or power outages.
- **Travel impacts expected** along I-80 between Rawlins & Cheyenne and I-25 between Wheatland and Colorado.
- Lower confidence in travel impacts along I-80 between Kimball and Cheyenne.

## Winter Headlines Updated Monday Afternoon





# Late Season Snow Expected

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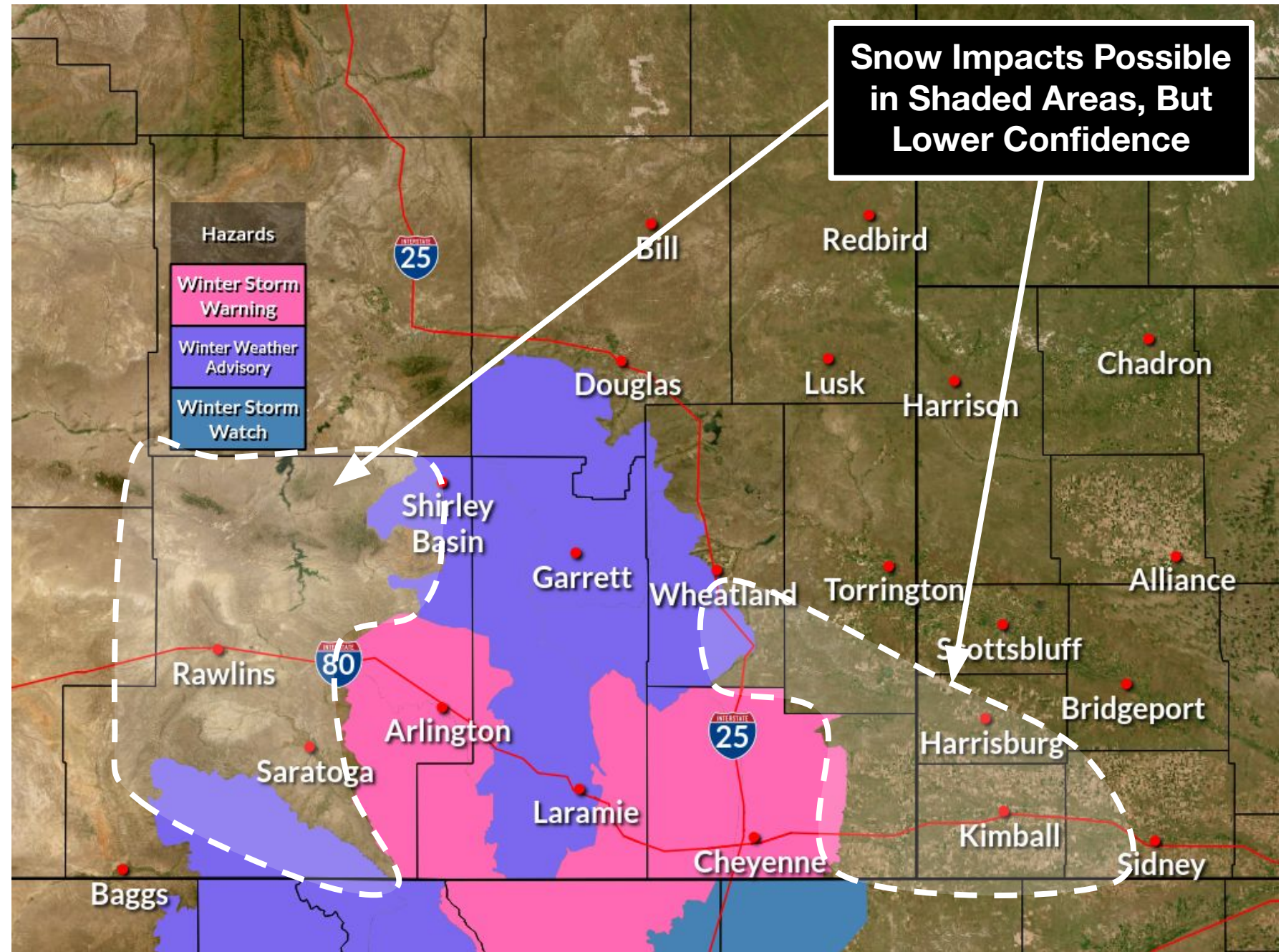
### Winter Storm Warning

- 9 PM Monday through 12 PM Wednesday for the Southern Laramie Range, Snowy Range, and their adjacent northern and eastern foothills
- 12 AM Tuesday through 12 PM Wednesday for central Laramie County, including Cheyenne.
- Very difficult travel expected along I-80 between Cheyenne and Rawlins.

### Winter Weather Advisory

- 12 AM Tuesday through 12 PM Wednesday central & northern Laramie Range, Laramie Valley, Shirley Basin
- 6 AM Tuesday through 6 AM Wednesday for the Sierra Madre Range.

**Increasing confidence in snow impacts in the current Warning & Advisory areas.**





# Most Likely Snowfall Amounts

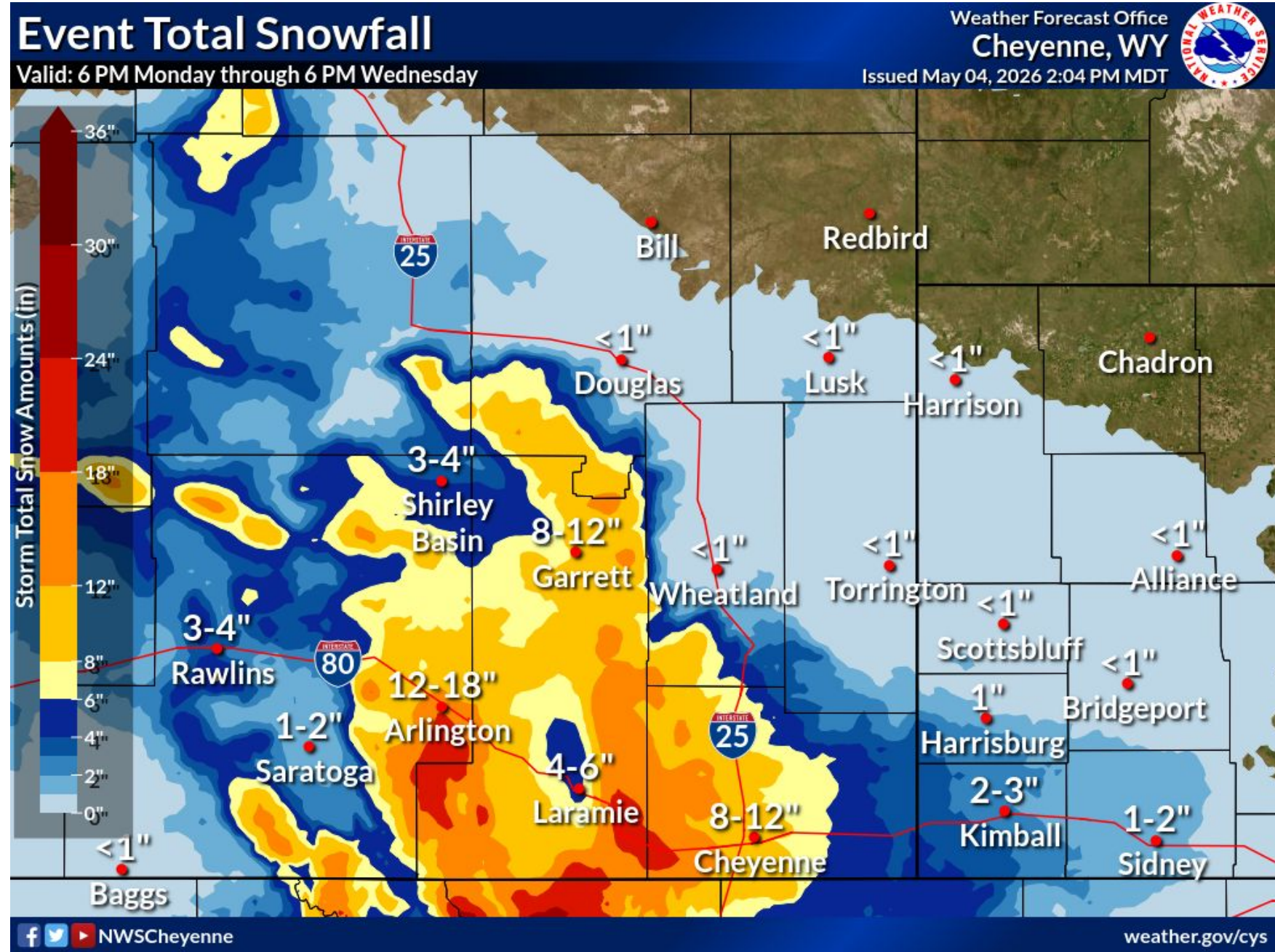
May 4, 2026

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Monday Night through Wednesday Afternoon

## Overview

- Snow levels progressively drop Monday night, allowing rain to mix with and then change over to snow.
- **Above 7500 ft in elevation:** High confidence in significant (6+”) snow totals with widespread impacts.
- **5500 ft to 7500 ft:** High confidence in accumulating snow, medium confidence (40-70% chance) for significant (6+”) totals.
- **Below 5500 ft:** High confidence in falling snow, low to medium confidence in accumulating snow. Snow impacts possible.
- **North of North Platte River:** Accumulating snow unlikely (10% chance for 1” or snow).



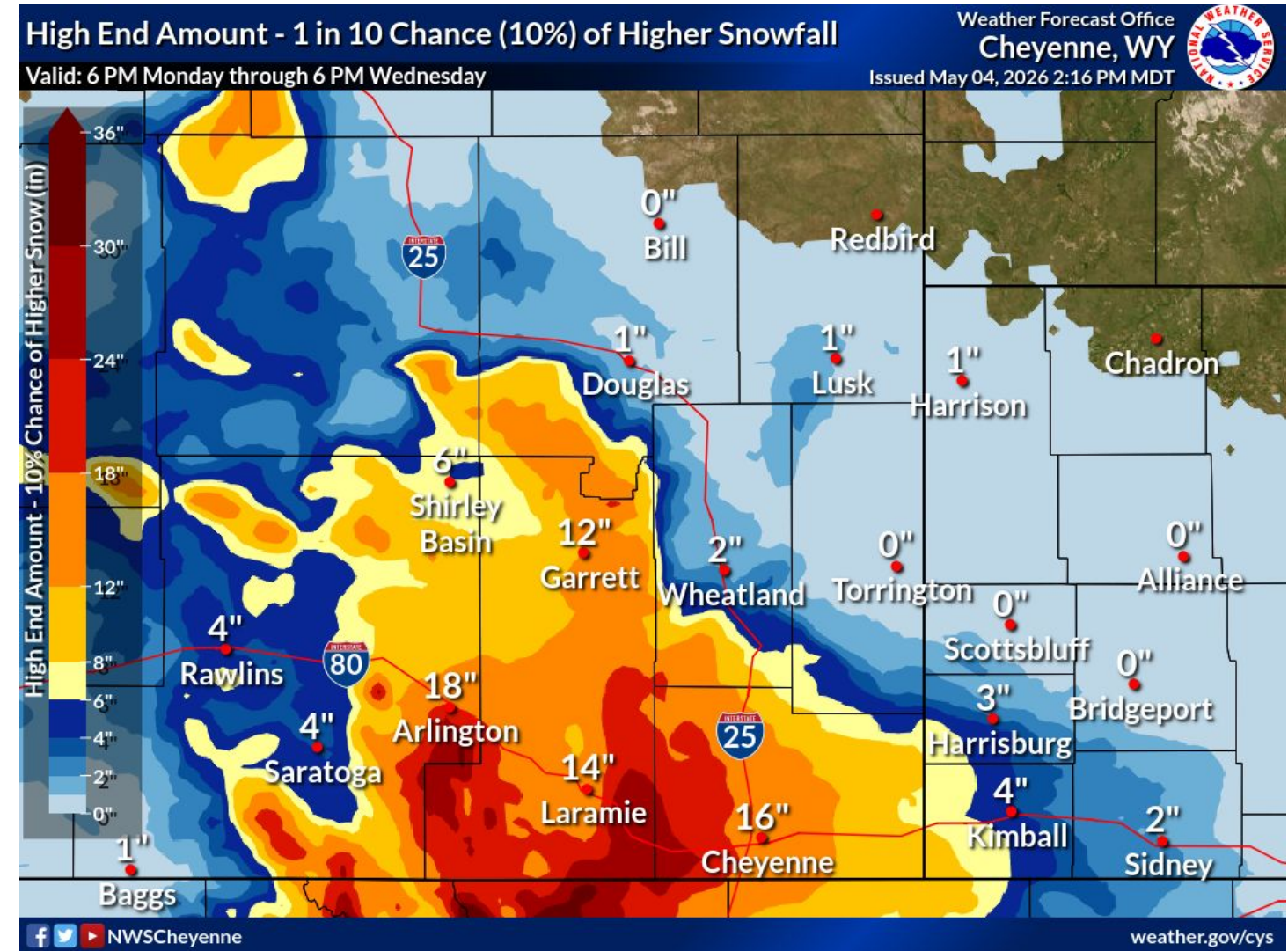
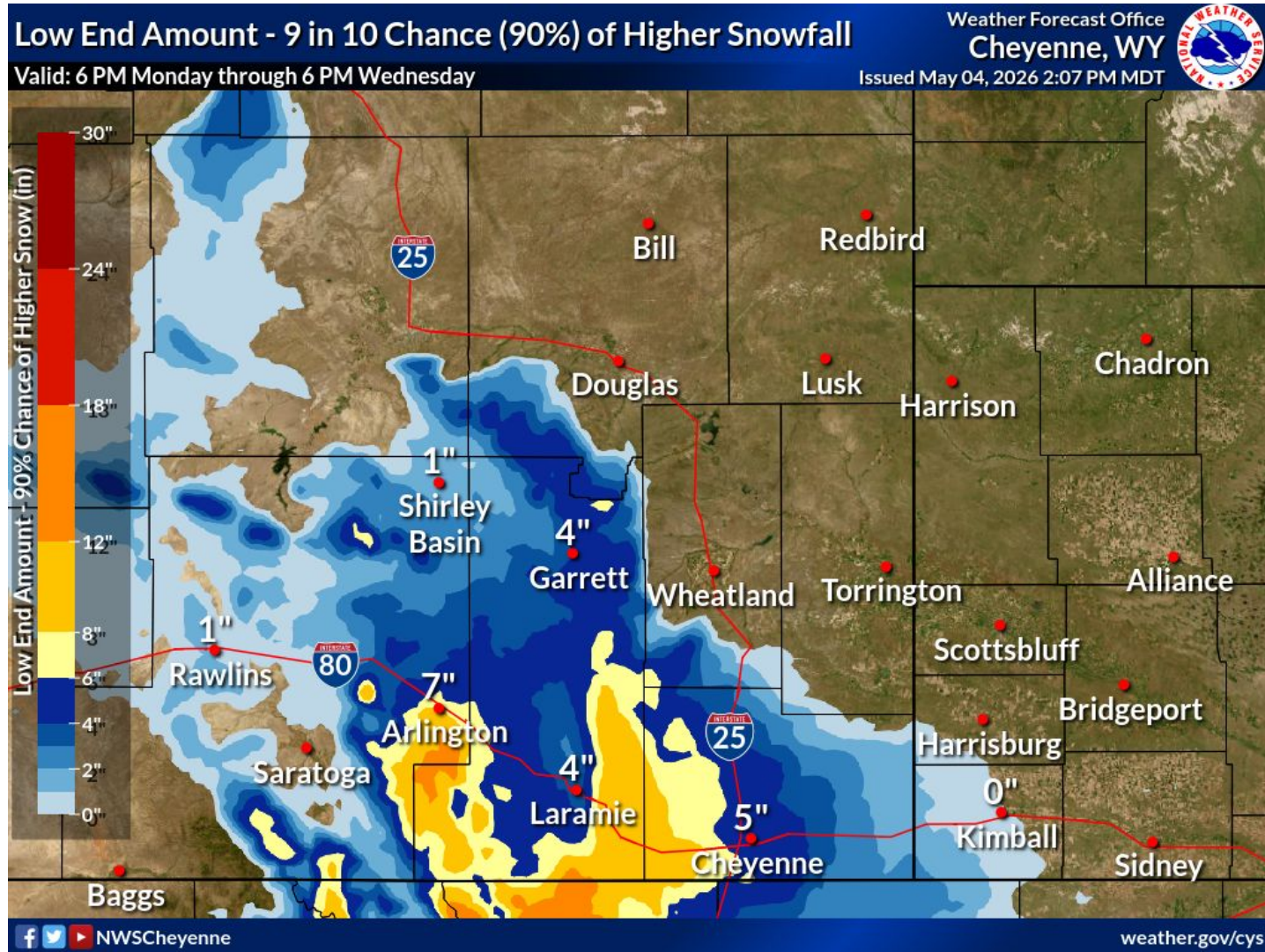


# Low and High End Scenarios

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## Increasing Confidence in Accumulating Snow Above 5500 Feet



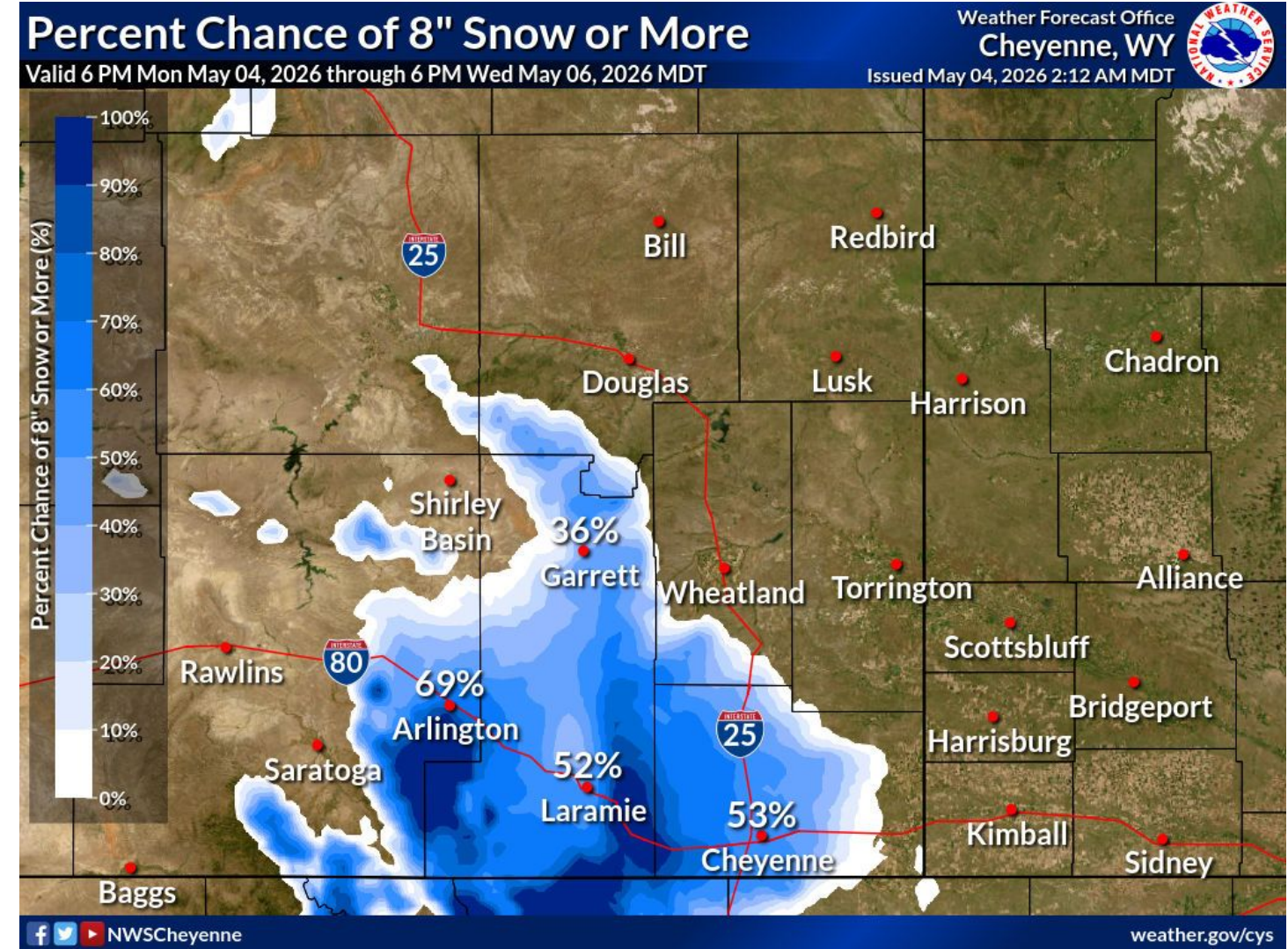
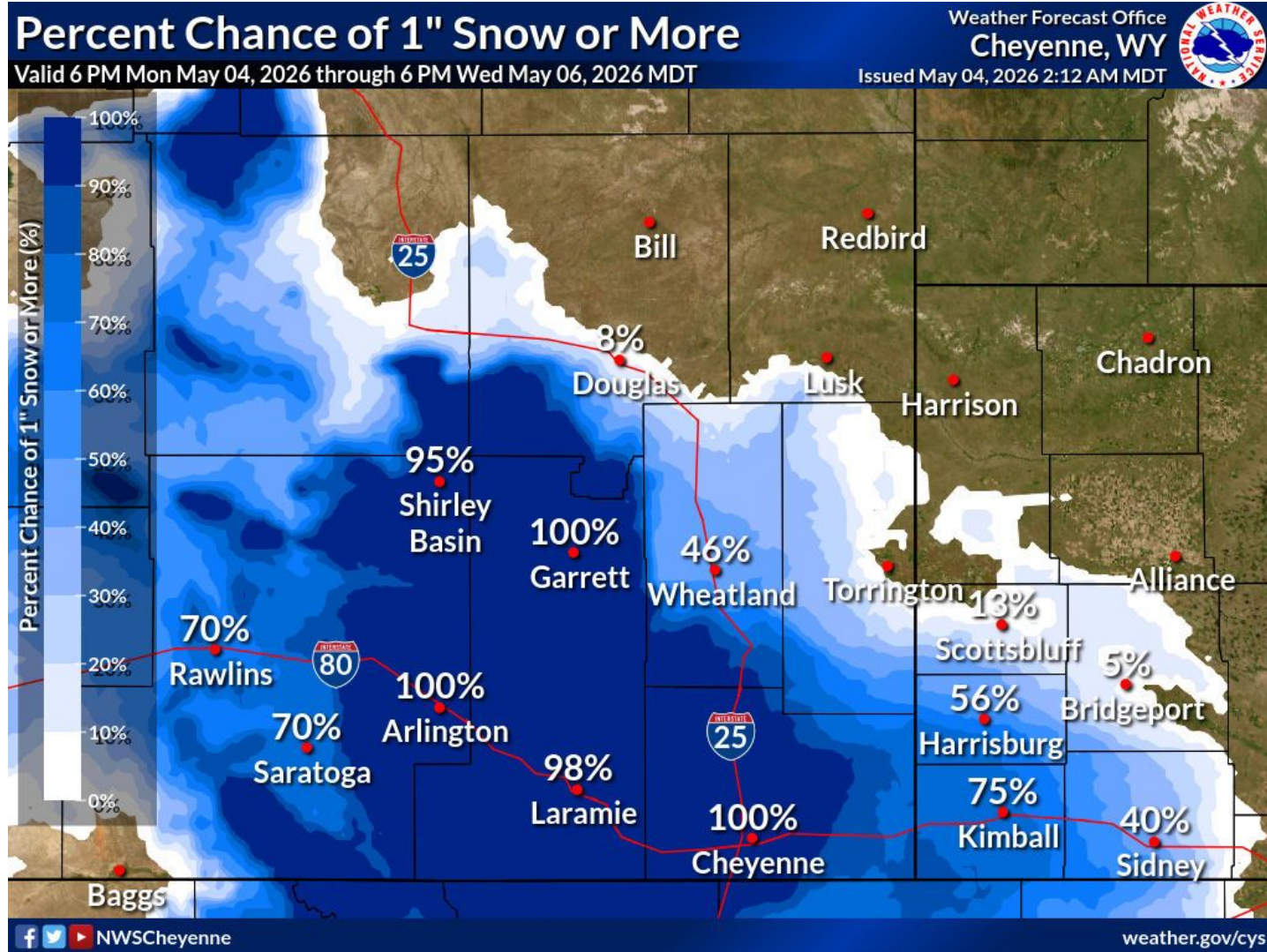
- The **high end scenario** (right) could occur if the heaviest bands of snow set up and stall over the I-80 corridor Tuesday and Tuesday night. This would mean a major, high impact snow event for Carbon, Albany, and Laramie counties.
- The **low end scenario** (left) could occur if the heavy bands of snow quickly move south into Colorado Tuesday morning. This would leave light snow Tuesday and Tuesday night, and lower overall totals.



# Snowfall Probabilities

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Probability of Exceeding 1" (Left) and 8" (Right)



- Easterly downslope winds may limit snow totals in the immediate vicinity of the city of Laramie. This reduces confidence in forecast snow totals for the city proper. Higher totals expected on the western side of the Laramie Valley.
- High confidence in significant snow accumulations at the **I-80 summit** and in the **Snowy Range**.



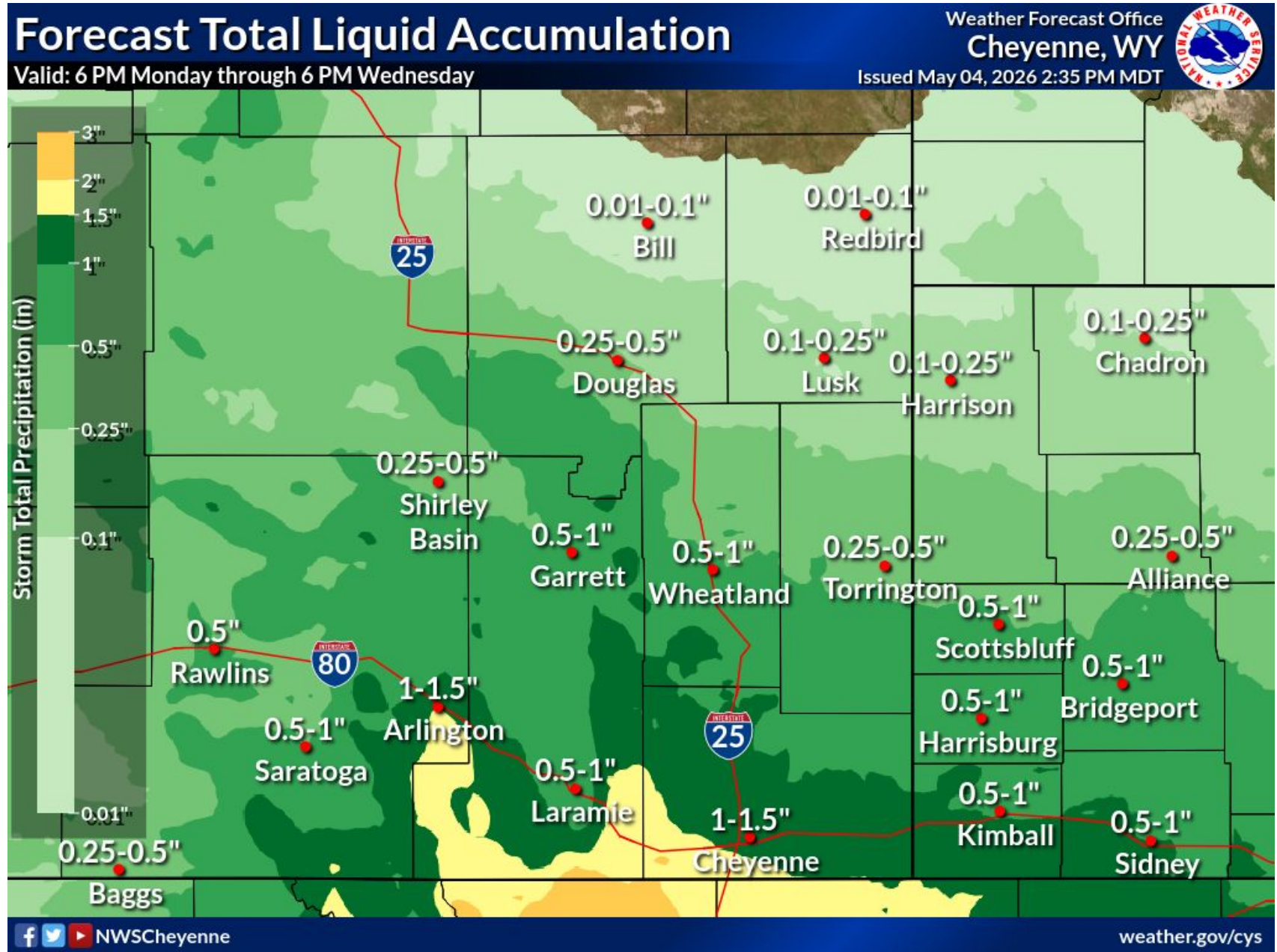
# Beneficial Moisture

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## Expectations for Liquid Precipitation Totals

### Overview

- **Beneficial moisture is expected** with this system, even as snow initially melts from the warm ground surfaces.
- Moisture may put a dent in the Extreme (D3) drought conditions south of the North Platte River.
- Beneficial moisture is **less likely north of the North Platte River.**
- Possibility for **1" or more of liquid precipitation closer to the Colorado state line.**





# Precipitation Type Timeline

May 4, 2026  
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Monday through Wednesday

## Weather Forecast

	5/4 Mon			5/5 Tue						5/6 Wed						
	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm
Alliance			20%	70%	70%	45%	50%	65%	45%	45%	45%	20%	20%	15%	15%	15%
Arlington	45%	45%	70%	60%	65%	40%	90%	90%	85%	80%	80%	75%	75%	60%	60%	20%
Bordeaux	40%	35%	40%	70%	75%	70%	85%	85%	75%	80%	80%	60%	60%	40%	40%	25%
Chadron	15%		35%	35%	55%	25%	15%	35%	45%	20%	20%					
Cheyenne	40%	40%	65%	60%	80%	85%	90%	90%	90%	85%	85%	75%	75%	70%	70%	40%
Douglas			25%	70%	50%	65%	35%	45%	40%	45%	45%	20%	20%			
Laramie	65%	40%	85%	80%	85%	75%	85%	95%	90%	85%	85%	75%	75%	70%	70%	20%
Lusk			45%	65%	50%	45%	25%	55%	45%	35%	35%	15%	15%			
Rawlins	15%	35%	40%	50%	45%	40%	85%	85%	35%	45%	45%	35%	35%	15%	15%	
Scottsbluff			25%	70%	75%	60%	75%	80%	65%	65%	65%	45%	45%	30%	30%	20%
Sidney	15%	35%	20%	50%	75%	85%	75%	75%	90%	85%	85%	75%	75%	50%	50%	45%
Torrington			40%	70%	75%	60%	60%	75%	65%	60%	60%	40%	40%	30%	30%	20%
Vedauwoo	60%	55%	75%	75%	90%	85%	90%	95%	90%	85%	85%	75%	75%	75%	75%	30%
Wheatland	30%	30%	40%	70%	75%	65%	75%	75%	75%	75%	75%	50%	50%	35%	35%	20%

- Rain +
- Thunderstorms +
- Wintry Mix +
- Snow +



# Temperature Timeline

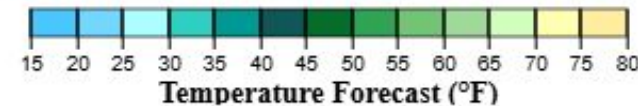
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Monday through Thursday

- A reinforcing cold front will arrive Tuesday evening.
- Re-freezing and icy conditions will be possible into Wednesday morning.
- Widespread freezing temperatures & locally hard freeze expected Tuesday night and Wednesday night.
- Temperatures will start to warm quickly Thursday onwards.

## Temperature (°F) Forecast

	5/4 Mon			5/5 Tue						5/6 Wed						5/7 Thu								
	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm
Alliance	64	58	45	39	36	34	39	44	42	41	37	35	32	30	37	46	51	52	40	35	30	29	49	64
Arlington	57	52	42	38	35	31	29	30	29	29	27	26	23	22	24	27	31	33	26	27	27	29	37	42
Bordeaux	63	59	50	42	39	36	35	36	36	37	36	34	33	31	34	39	44	46	37	34	34	37	48	58
Chadron	62	57	45	42	38	35	39	44	45	44	40	37	33	30	38	48	54	56	43	38	36	35	51	66
Cheyenne	60	58	50	41	36	32	31	34	34	33	31	28	27	25	27	31	36	38	29	25	25	26	40	46
Douglas	61	58	46	39	36	33	34	41	40	40	36	32	28	24	33	43	49	51	38	32	30	32	51	64
Laramie	56	52	42	36	33	30	30	32	33	31	27	26	24	23	25	29	32	34	23	19	19	22	34	44
Lusk	58	52	43	37	33	31	36	40	40	39	34	30	27	25	34	41	46	48	37	33	31	34	52	62
Rawlins	64	60	48	41	38	34	31	34	34	34	30	28	25	23	27	33	39	41	33	30	30	30	41	52
Scottsbluff	69	63	51	43	39	36	38	42	43	43	39	36	33	32	36	44	50	52	41	35	31	30	49	64
Sidney	71	66	51	44	37	34	36	42	40	39	34	33	31	29	34	42	47	48	36	32	29	28	47	64
Torrington	68	63	51	43	38	36	39	44	43	43	39	36	33	31	36	45	51	53	41	35	31	31	50	66
Vedauwoo	50	46	38	33	29	28	25	27	28	26	23	23	22	20	22	23	27	28	19	19	20	22	31	37
Wheatland	64	60	51	42	38	36	33	39	39	39	38	36	33	32	36	42	47	48	40	35	35	36	51	62



## 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](#)

## Winter Storm Watch

Dangerous winter weather is *possible* within the next **24 to 48 hours**. **Considerable travel problems** are *possible*.

**get prepared.**

## 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



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US National Weather Service Cheyenne