



# Winter Weather Returns

April 17, 2025

3:24 PM

Winter Storm Warnings or Winter Weather Advisories in effect for most of southeast Wyoming

## Key Messages:

- Snow will increase in coverage and move southeast across the area over the next few hours as a strong cold front moves through.
- Rain will change over to snow very quickly in Wyoming once precipitation begins. The Nebraska panhandle will see rain changing to snow over the course of the evening.
- Greatest potential for accumulating snow generally near and west of I-25 with significant totals expected in the higher terrain.
- Snow gradually tapers off Friday with a few snow showers remaining Friday night along I-80.
- Gusty north winds expected over the High Plains. Strong northeast winds and blowing snow are expected in Carbon County.
- Hazardous travel conditions from slick, icy, and/or snow-packed roads and significantly reduced visibility at times.

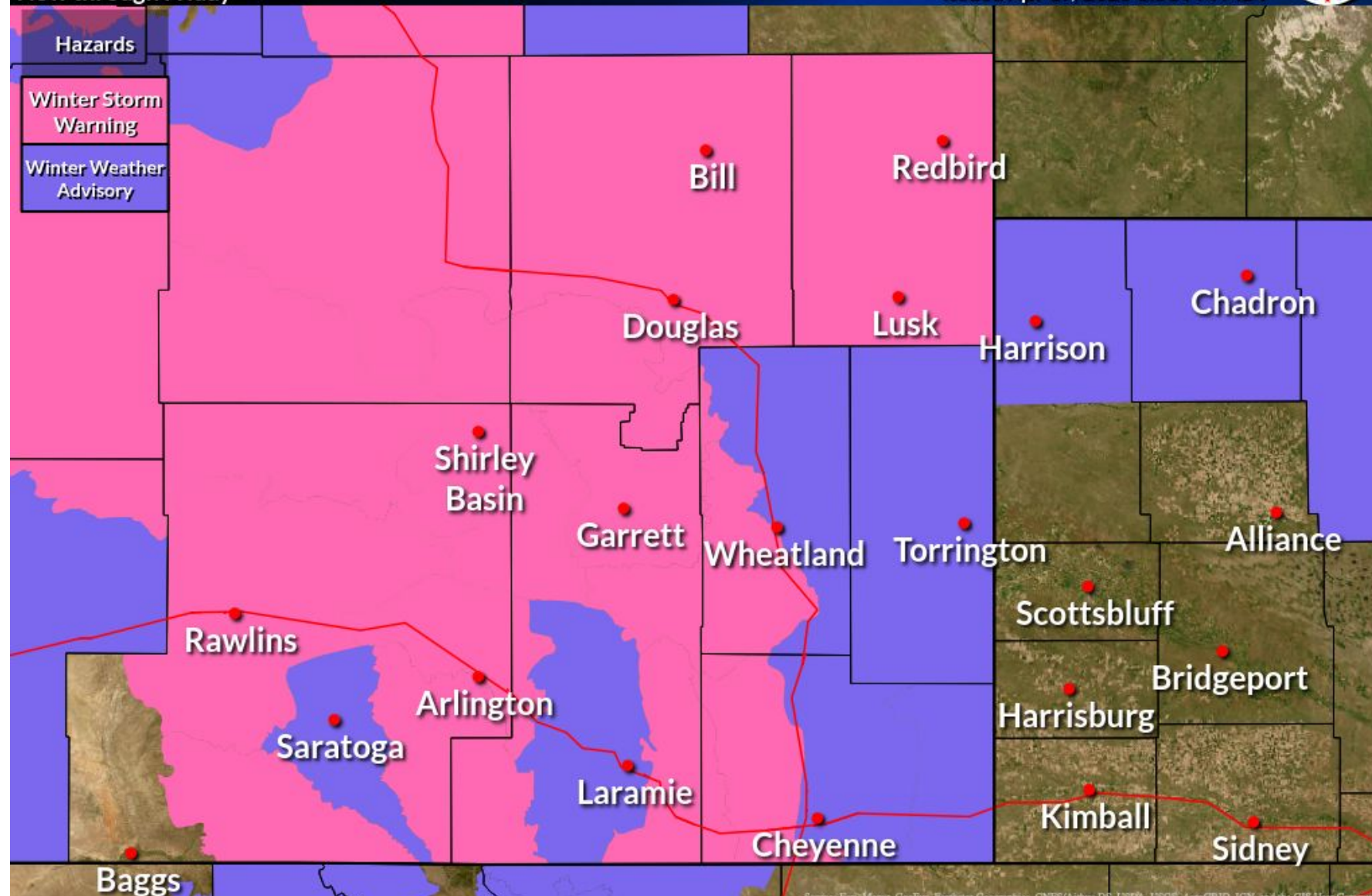
## Winter Weather Headlines

Now through Friday

Weather Forecast Office

Cheyenne, WY

Issued Apr 17, 2025 1:56 PM MDT



f t NWSCheyenne

weather.gov/cys



National Oceanic and  
Atmospheric Administration

U.S. Department of Commerce

National Weather Service  
Cheyenne, WY





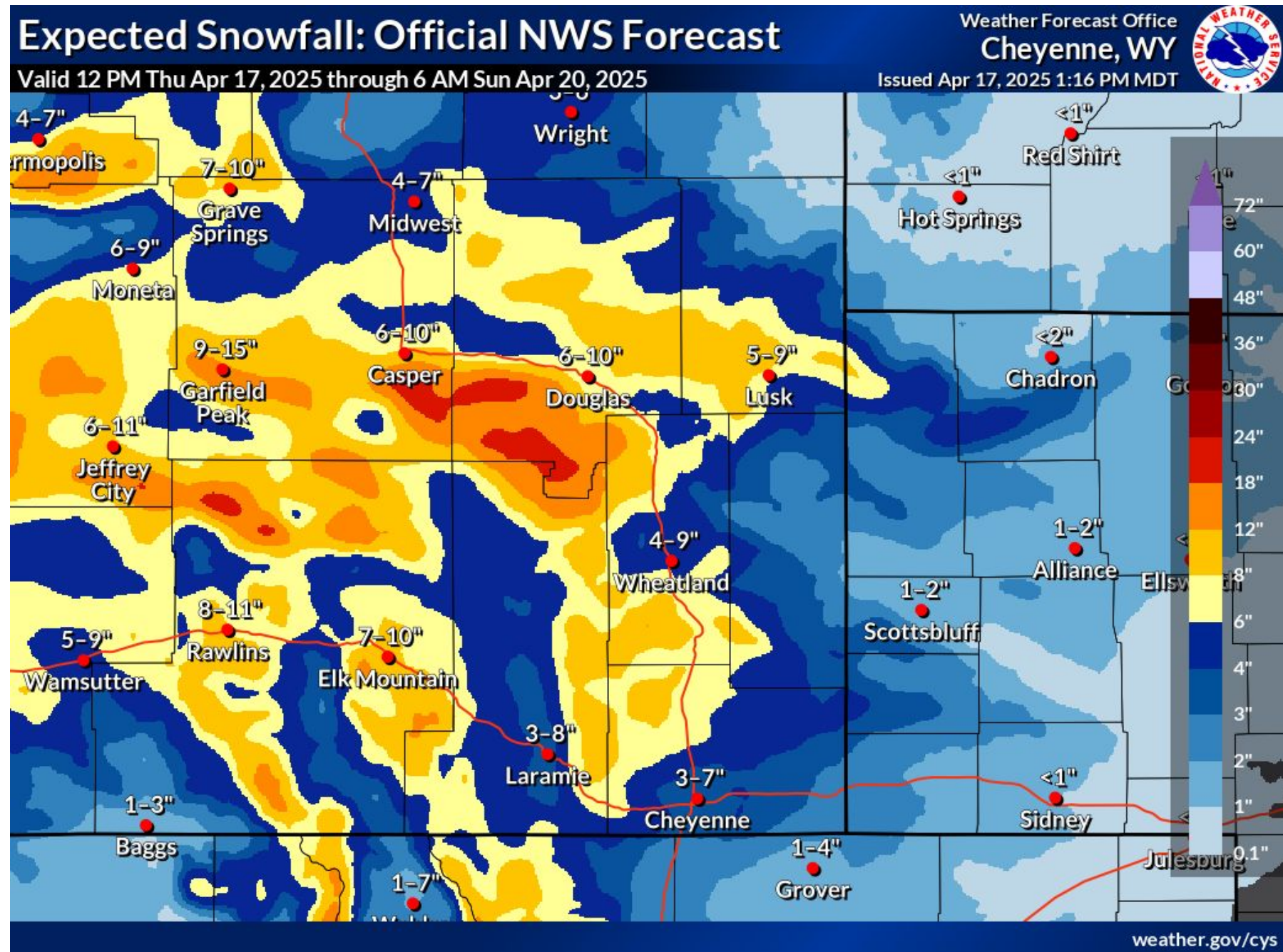
# Most Likely Snowfall

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Total snow forecast through Saturday morning

## Details

- Highest totals (8"+) concentrated in/along the ranges and ridges, and across I-80 in Carbon
- More variability in totals on the plains with primarily light/minor impacts farther into the Nebraska panhandle
- Heavy snow (1"+ per hour rates) expected at times tonight into Friday morning.
- Higher uncertainty around the city of Laramie due to competing factors working both for and against heavy snowfall



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Atmospheric Administration  
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National Weather Service  
Cheyenne, Wyoming

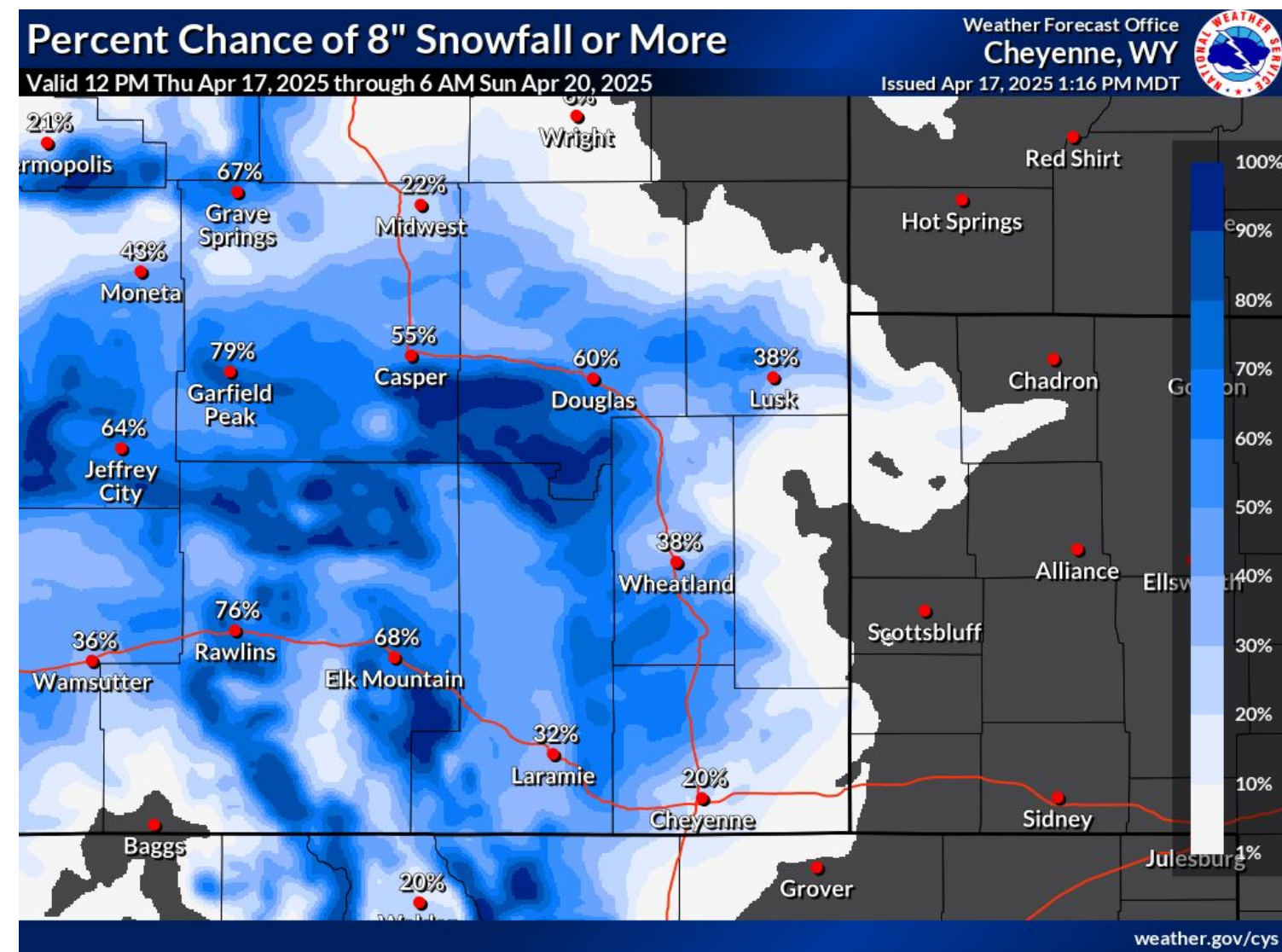
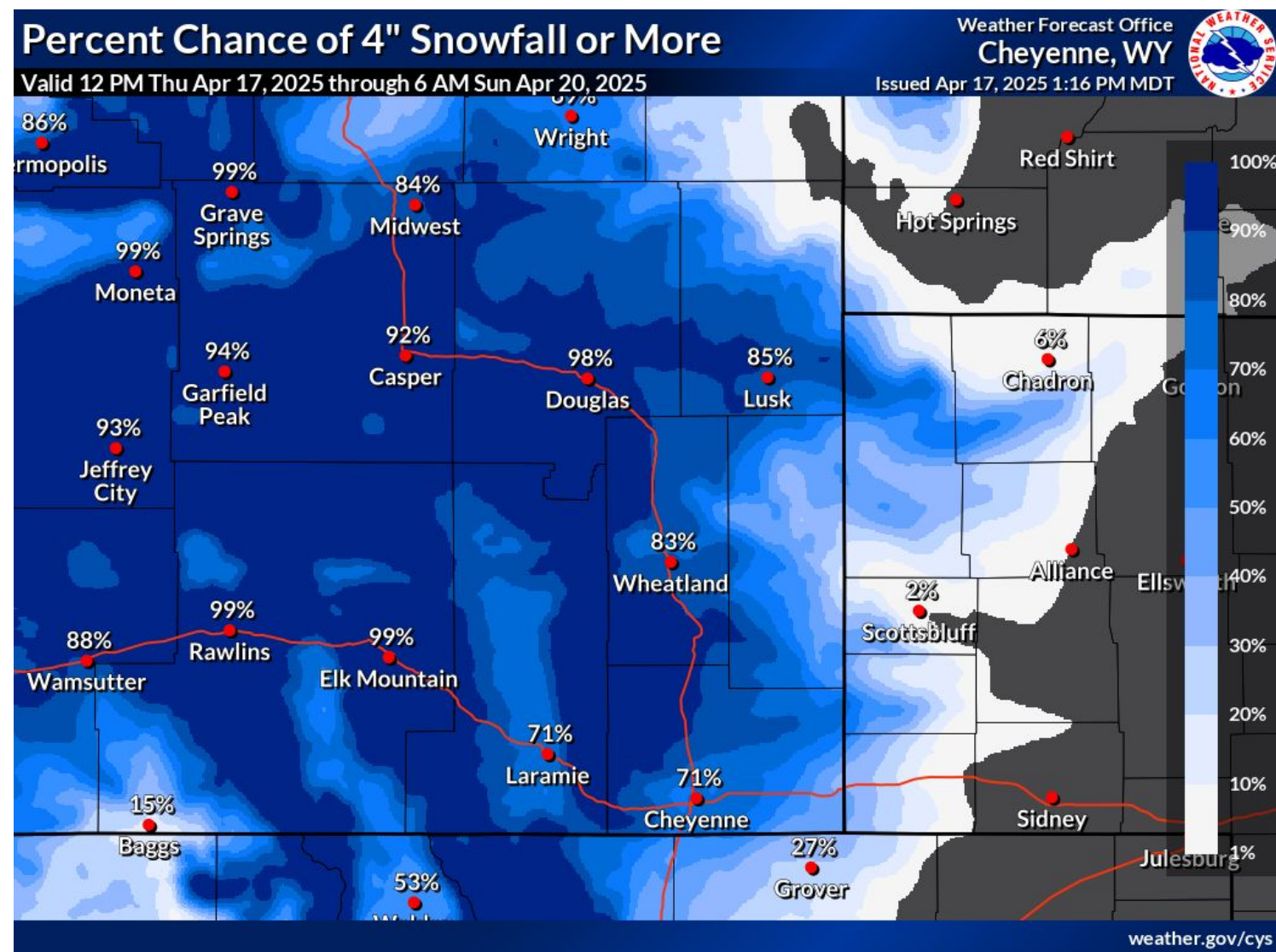




# Snow Amount Probabilities

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Probability of Exceeding 4" (left) and 8" (right)



- There is a 50% or greater chance of 4+” of snow for most of southeast Wyoming. Probabilities are lower in the Nebraska panhandle with generally lighter snow amounts expected, except along the Pine Ridge/US-20 corridor.
- Highest probability of significant accumulations (8”+) concentrated in the higher terrain and in Carbon County.





















































































































# Precipitation Timeline

April 17, 2025  
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Rain changes to snow this evening

Weather Forecast															
	4/17 Thu			4/18 Fri								4/19 Sat			
	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am
Alliance	 20%	 30%	 60%	 50%	 70%	 55%	 45%	 25%	 20%	10%	10%	10%	10%	5%	5%
Chadron	 40%	 70%	 75%	 75%	 75%	 45%	 35%	 20%	 20%	 20%	 20%	10%	10%	5%	5%
Cheyenne	 50%	 65%	 75%	 75%	 75%	 65%	 65%	 45%	 60%	 45%	 45%	 25%	 25%	 30%	 30%
Douglas	 70%	 75%	 75%	 75%	 70%	 60%	 50%	 35%	 30%	10%	10%	5%	5%	5%	5%
Laramie	 40%	 70%	 80%	 85%	 80%	 60%	 65%	 50%	 60%	 35%	 35%	 15%	 15%	 20%	 20%
Lusk	 55%	 70%	 75%	 75%	 75%	 50%	 35%	 30%	 25%	5%	5%	5%	5%	5%	5%
Rawlins	 80%	 85%	 85%	 75%	 75%	 50%	 45%	 40%	 35%	15%	15%	10%	10%	5%	5%
Scottsbluff	 35%	 40%	 70%	 65%	 70%	 55%	 50%	 30%	 25%	 15%	 15%	10%	10%	10%	10%
Sidney	 20%	 25%	 35%	 40%	 50%	 50%	 50%	 30%	 30%	 25%	 25%	 20%	 20%	 15%	 15%
Torrington	 65%	 70%	 75%	 75%	 70%	 55%	 45%	 30%	 25%	10%	10%	5%	5%	10%	10%

Created: 2 pm MDT Thu 4/17/2025. Shows most impactful weather for the period beginning at the time shown. Weather symbols display where Probability of Precipitation ≥ 0%.

- Rain +

- Wintry Mix +

- Snow +

Created: 2 pm MDT Thu 4/17/2025 |

Periods of high snowfall rates possible 6 PM Thu - 6 AM Fri

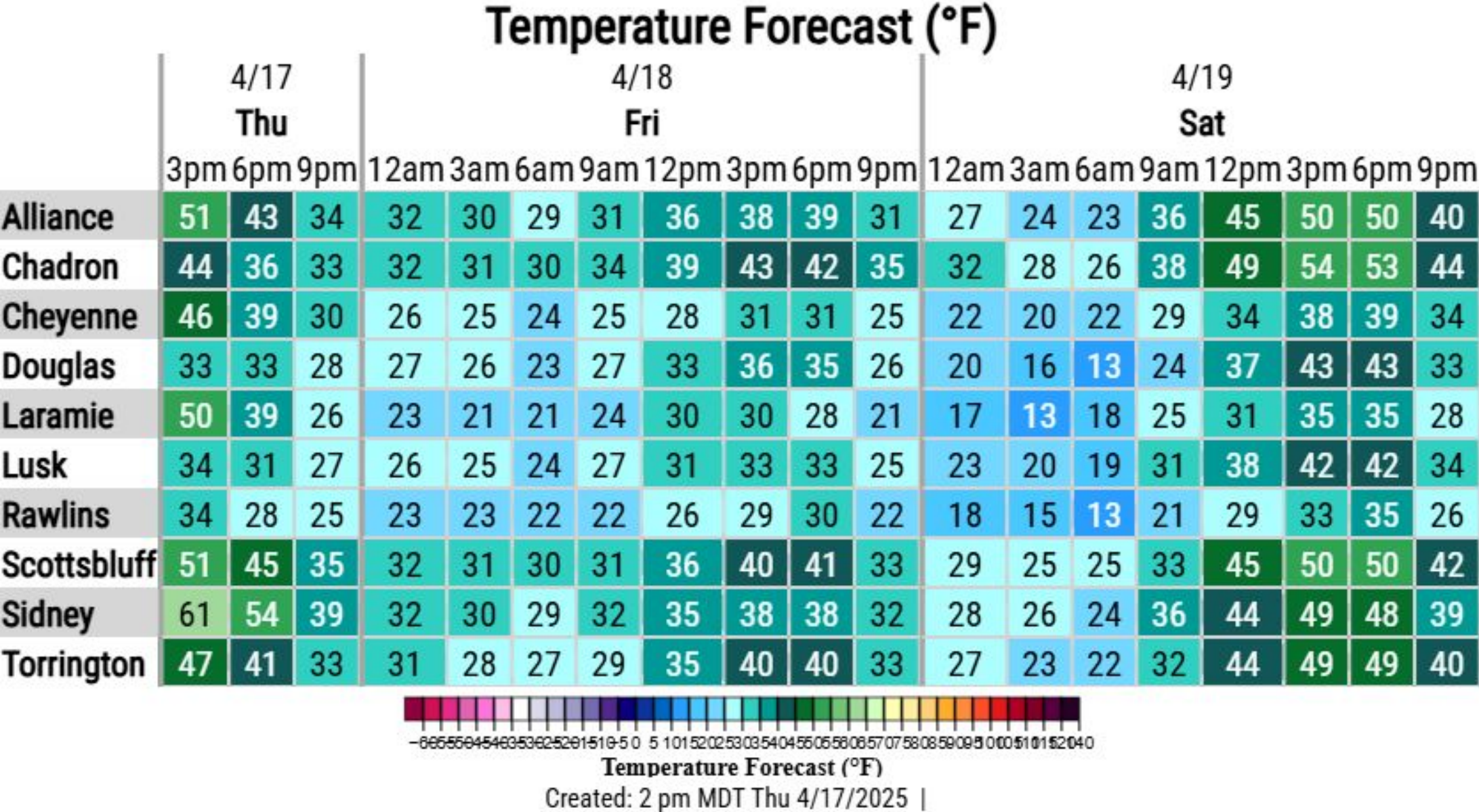




# Temperature Timeline

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Highs struggle to reach freezing west of I-25 Friday



Subzero wind chills Friday morning in the mountains ; values in the teens for the plains and panhandle



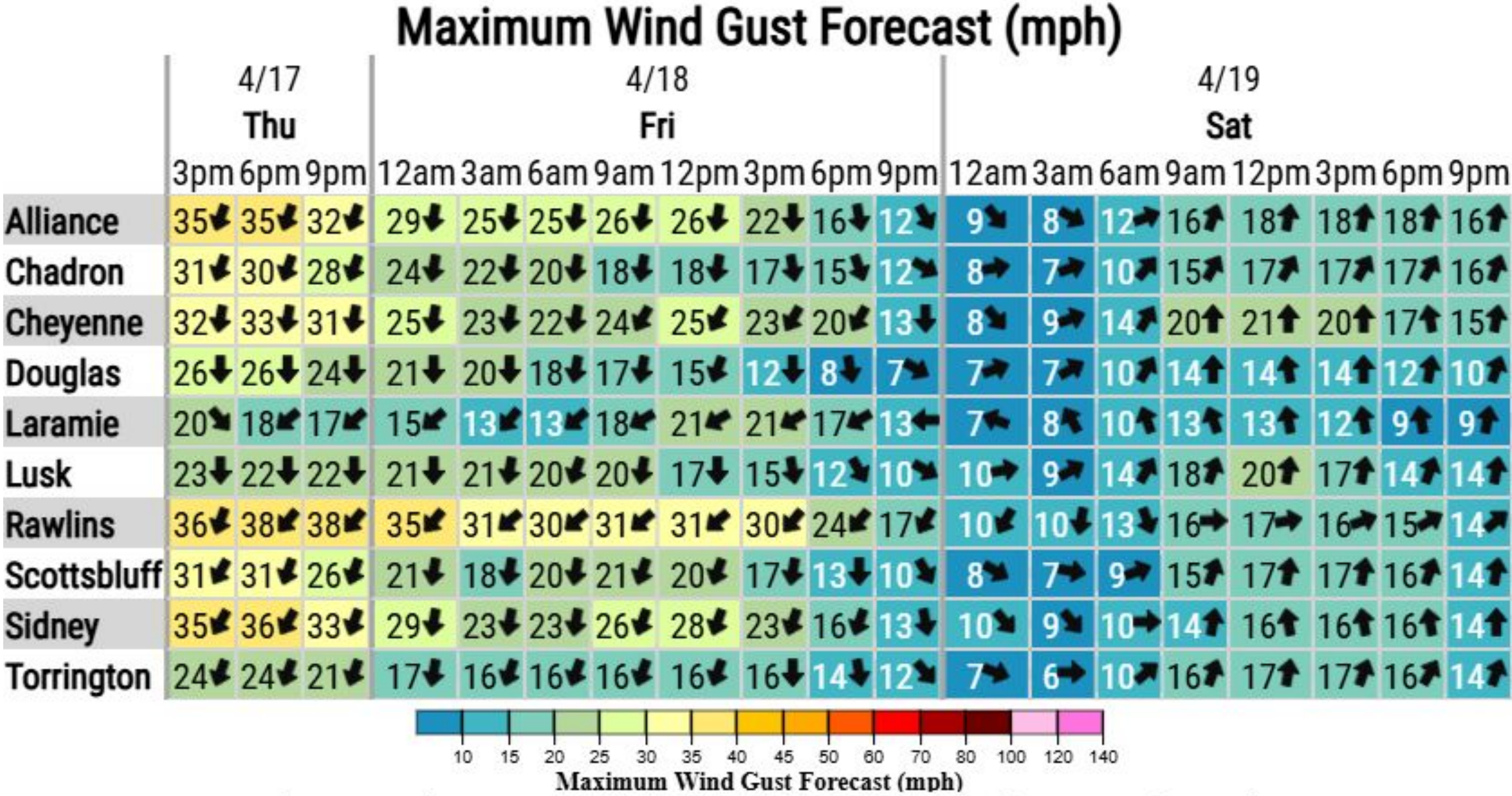




# Wind Timeline

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Blustery north winds for most of the event



Created: 2 pm MDT Thu 4/17/2025 | Values are maximums over the period beginning at the time shown.





## 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



@NWSCheyenne



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US National Weather Service Cheyenne