



Incoming Winter System

January 15, 2025
2:33 PM

Bitter Cold and Widespread Snow to Arrive This Weekend into Early Next Week

Key Messages

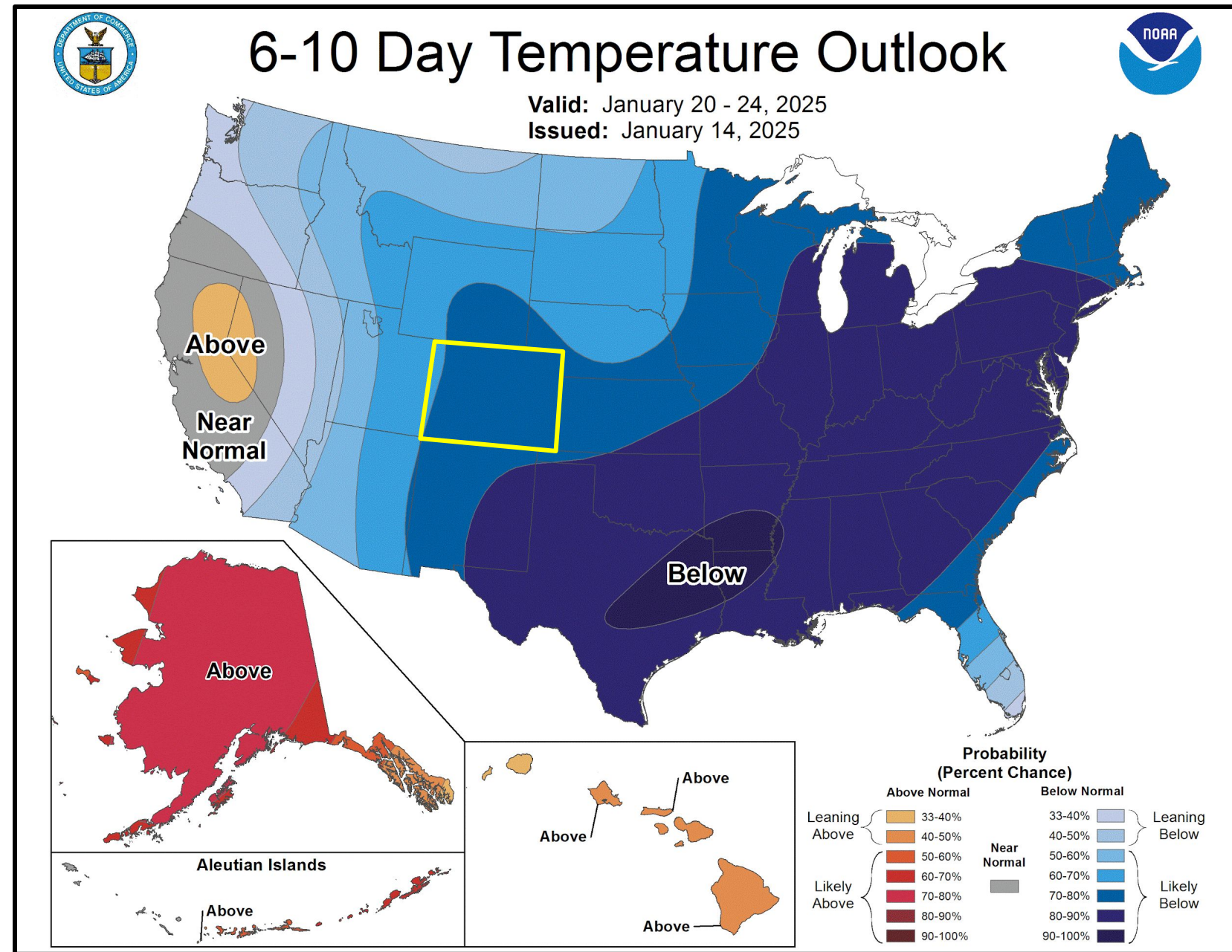
- An arctic airmass will move into the area starting Friday Night, lasting into early next week.
- Subzero temperatures will be expected each night through at least Tuesday Morning.
- Widespread light and fluffy snow will be possible along with this system, especially Friday night and Saturday, with another round possible Sunday night into Monday.

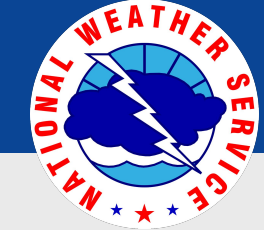
NEW What Has Changed

- Initial issuance.
- Model solutions have been trending colder the past few days!

Next Scheduled Update

- Thursday Morning





Timing of Snow and Cold Air

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Two Rounds of Snow: Friday Night-Saturday and Monday

Key Messages

- First cold front arrives Friday Night into Saturday.
 - Widespread fluffy snow will move in behind the front, along with very cold temperatures.
 - Snow amounts still uncertain.
- Cold Temperatures persist into the weekend, especially in snow-covered areas.
- Secondary cold front arrives around Sunday Night-Monday, bringing additional snow and more cold air.
 - At this time, coldest temperatures in the area are expected to occur early Tuesday morning.
 - Endtime for the cold is still uncertain.

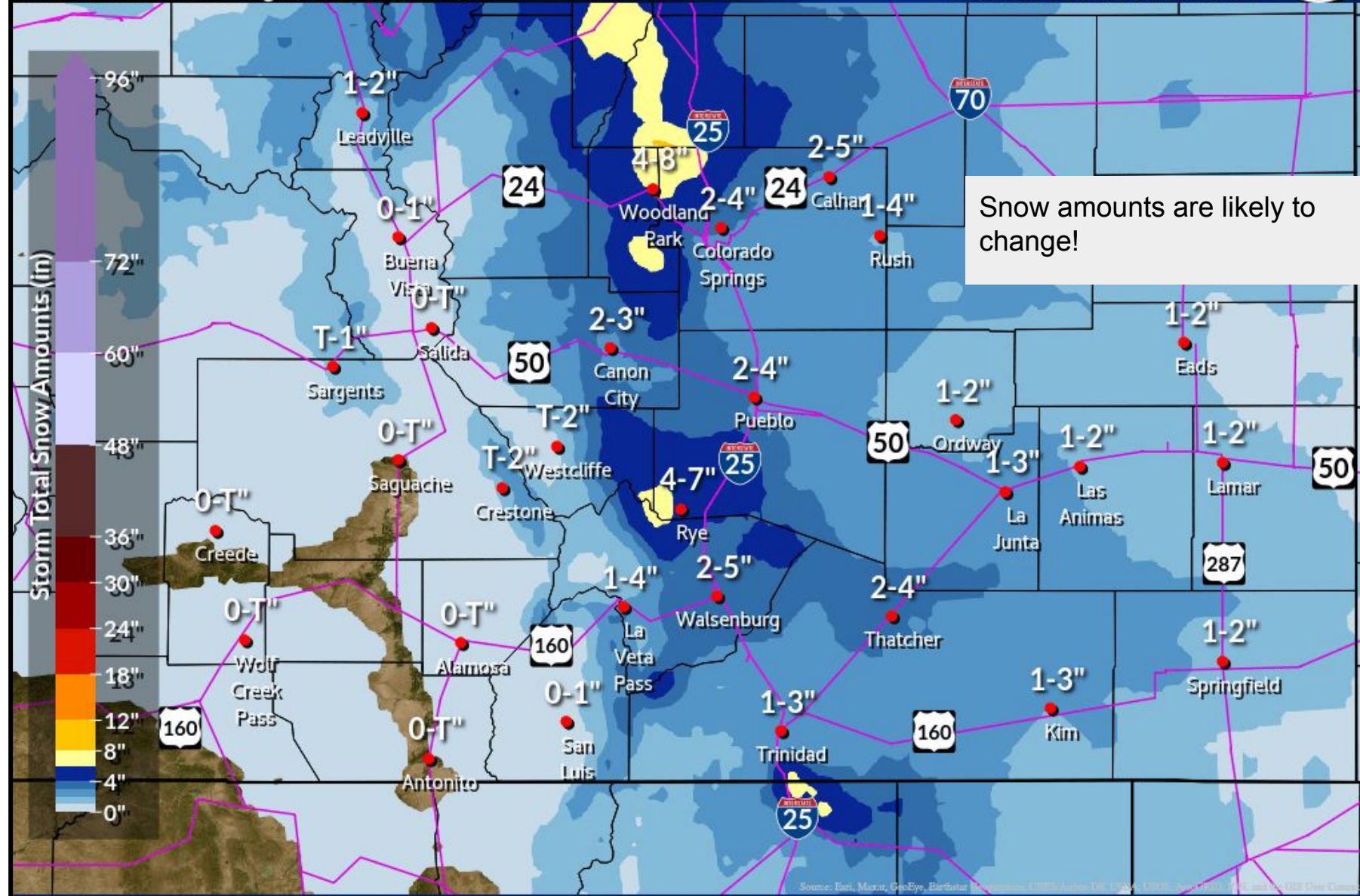
Expected Snowfall - Official NWS Forecast

Weather Forecast Office
Pueblo, CO



Valid Fri 5:00PM through Sat 5:00PM MST

Issued Jan 15, 2025 1:22 PM MST



NWSPueblo

weather.gov/pub



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

National Weather Service
Pueblo, CO



Much Colder Temperatures This Weekend

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Still Uncertain How Cold It Will Become

What We Know

- Temperatures will be well below normal with the coldest temperatures likely Sunday night into Tuesday morning.
- There is a high to very high chance (60-80%) for area-wide sub-zero low temperatures

What is Still Uncertain

- The timing of the coldest air, and how long it will remain in place
- The extent of the cold, including how low temperatures fall below zero
 - This includes lowest wind chills
 - Coldest temperatures will be over snow-covered areas

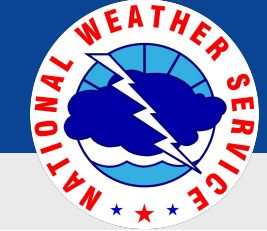
Actions You Can Take

- Stay in tune with the latest forecast updates
- Begin preparing for potentially extremely cold temperatures, especially for those most vulnerable

	Temperature Forecast (°F)																
	1/17 Fri		1/18 Sat				1/19 Sun				1/20 Mon				1/21 Tue		
	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm
Alamosa	33	28	9	2	28	19	1	-7	18	15	0	-8	9	4	-7	-13	12
Buena Vista	36	26	15	9	19	10	-1	-6	18	12	2	-4	7	0	-11	-15	20
Cañon City	47	34	24	17	20	15	9	4	15	9	6	3	9	0	-8	-6	22
Colorado Springs	44	28	18	10	16	10	3	-1	9	7	2	-3	4	-3	-12	-13	17
Crestone	34	27	17	11	23	13	1	-4	17	13	6	-1	11	4	-6	-10	15
Del Norte	33	24	10	4	25	13	-1	-7	19	11	0	-6	11	2	-9	-13	16
Eads	46	28	18	12	20	13	6	2	16	10	6	2	9	0	-5	-6	11
La Junta	47	34	22	14	23	16	9	2	16	13	6	2	11	5	-4	-9	11
Lamar	48	35	23	16	23	15	7	2	17	12	7	2	11	4	-4	-7	13
Leadville	25	18	13	7	8	0	-8	-11	10	4	-2	-8	4	-6	-18	-19	12
Pueblo	46	32	22	13	19	15	7	-1	10	10	5	0	7	2	-7	-13	12
Salida	39	33	22	16	22	18	5	-2	20	18	8	1	9	6	-6	-11	21
Springfield	49	36	22	16	24	16	9	4	19	12	8	4	13	3	-4	-4	16
Trinidad	48	31	23	17	21	15	8	1	17	12	5	1	10	3	-6	-10	24
Walsenburg	44	33	24	18	16	10	3	-2	15	8	3	-1	6	-1	-11	-9	21
Woodland Park	37	26	13	6	10	3	-7	-9	11	1	-7	-12	3	-6	-13	-12	18



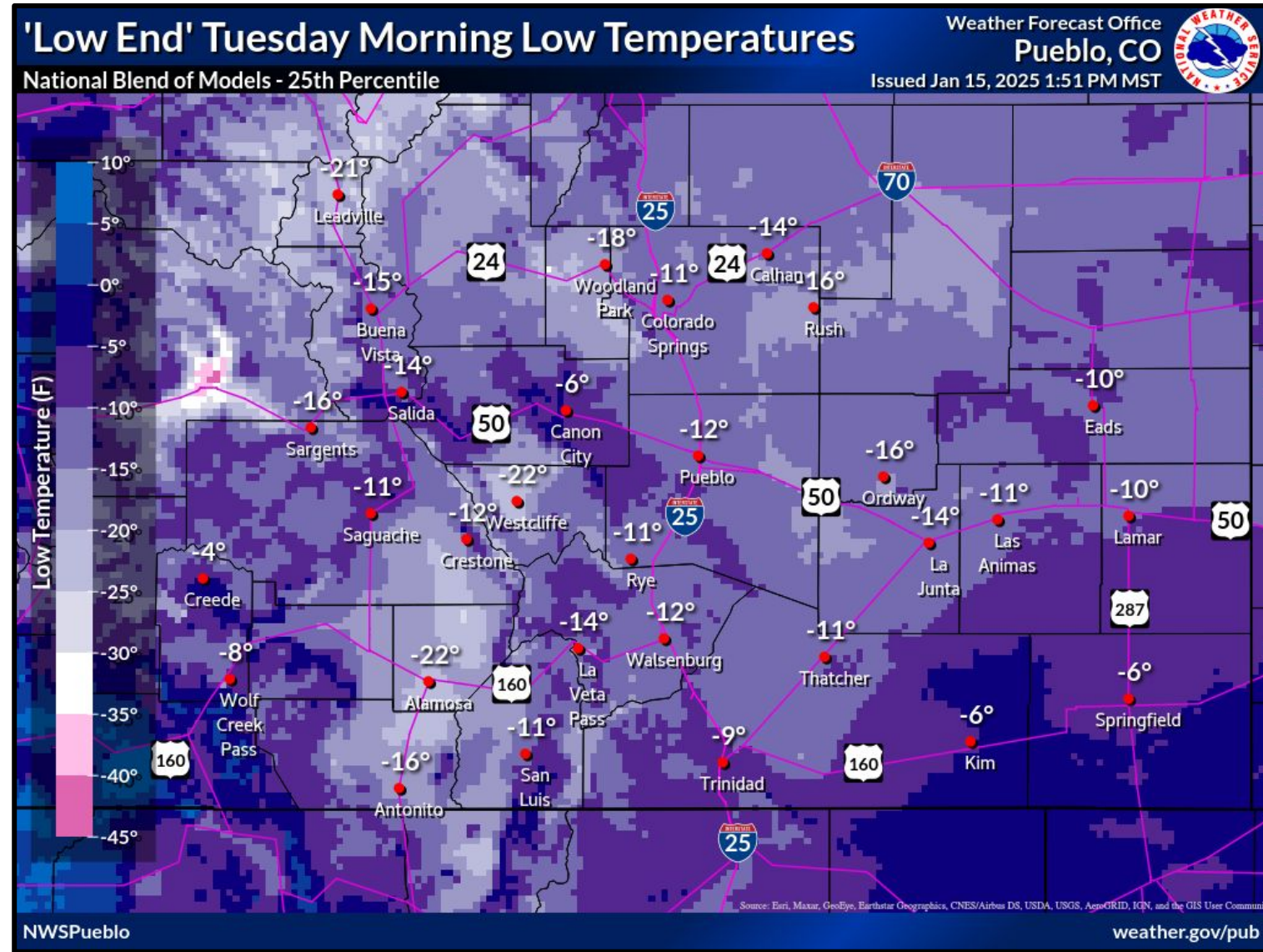
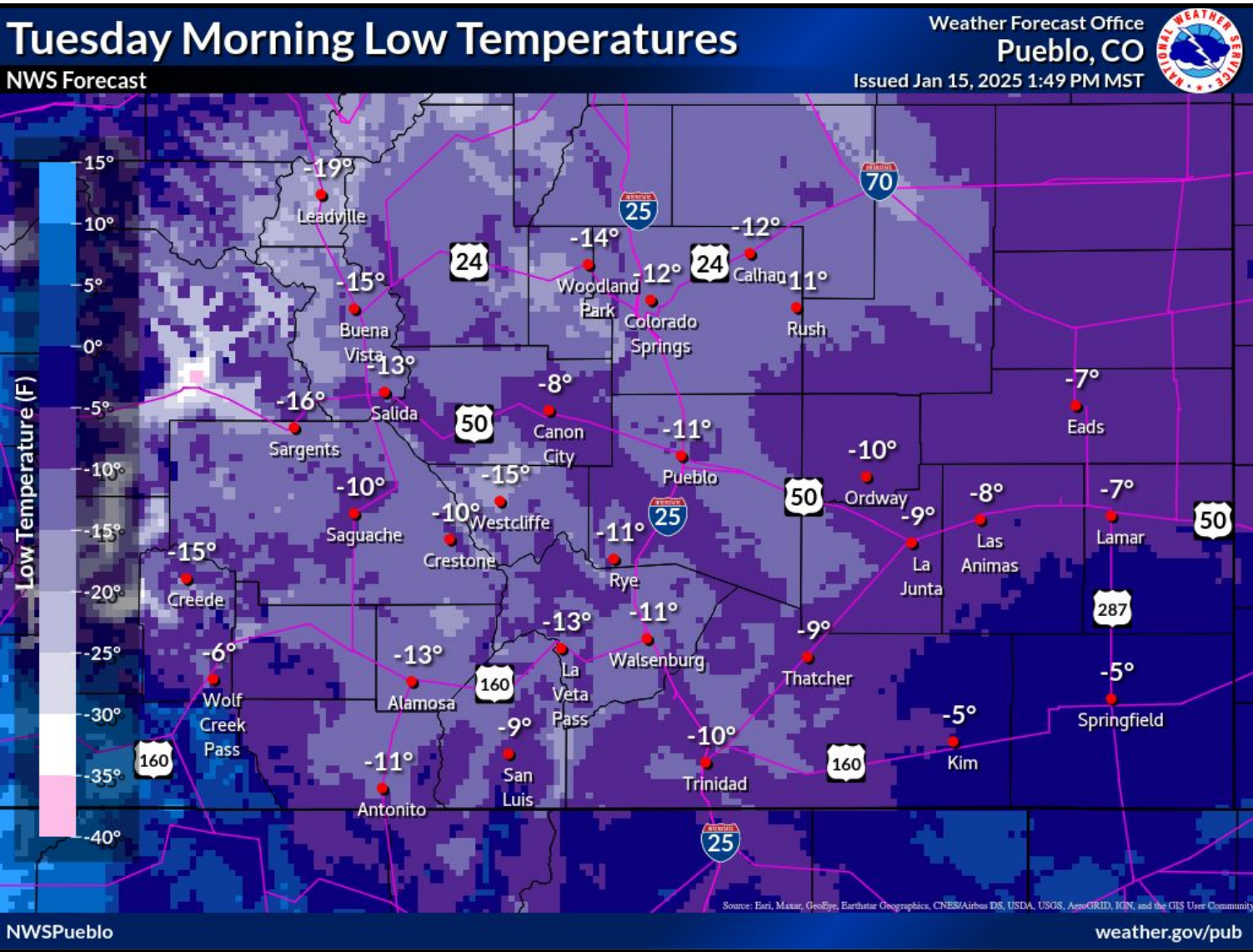
Temperature Forecast (°F)
Created: 1 pm MST Wed 1/15/2025 |



Coldest Temperatures Tues Morning

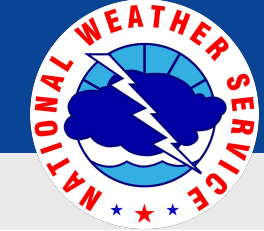
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NWS Forecast vs Model Output for Low Temperatures Tuesday Morning



- Current guidance, even the warmer models, show sub-zero temperatures each night starting late Saturday and lasting through at least Tuesday.
- These graphics **do not include Wind Chill values!** Wind chills will be colder!
- With the system being so far out, there is still some uncertainty in exact temperatures, but cold air is highly likely (>80%).
- Areas that receive accumulating snowfall will likely be a bit colder!





Frigid Air and Fluffy Snow Arrive Starting This Weekend

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Wind Chills and Snowfall Forecasts

	Minimum Wind Chill Forecast (°F)									
	1/17 Fri		1/18 Sat		1/19 Sun		1/20 Mon		1/21 Tue	
	12pm	12am	12pm	12am	12am	12pm	12am	12pm	12am	12pm
Alamosa	3	-11	-12	-19	-9	-23	-20	-26	-11	
Buena Vista	7	-3	-14	-19	-9	-16	-28	-35	-10	
Cañon City	18	3	-1	-4	-3	-10	-23	-25	-6	
Colorado Springs	9	-5	-9	-13	-9	-19	-26	-29	-9	
Crestone	10	-2	-12	-17	-6	-17	-19	-26	-8	
Del Norte	-1	-10	-16	-23	-10	-19	-21	-29	-14	
Eads	5	-6	-8	-11	-8	-19	-20	-23	-15	
La Junta	14	0	-1	-9	-8	-16	-14	-22	-12	
Lamar	15	0	-5	-9	-8	-16	-17	-21	-15	
Leadville	5	-7	-23	-25	-14	-18	-32	-34	-15	
Pueblo	14	0	-3	-7	-7	-15	-20	-25	-8	
Salida	15	2	-4	-15	-3	-14	-18	-26	-4	
Springfield	12	2	-4	-9	-7	-13	-19	-21	-10	
Trinidad	14	2	-5	-15	-9	-17	-23	-29	-9	
Walsenburg	16	2	-9	-14	-8	-17	-26	-32	-10	
Woodland Park	9	-4	-17	-9	-14	-13	-25	-29	-8	

Created: 1 pm MST Wed 1/15/2025 | Values are minimums over the period beginning at the time shown.

	Weather Forecast																	
	1/17 Fri		1/18 Sat				1/19 Sun				1/20 Mon				1/21 Tue			
	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	
Alamosa	5%	15%	45%	50%	50%	20%	5%	5%	15%	25%	30%	30%	20%	15%	10%	0%	0%	
Buena Vista	15%	35%	50%	50%	35%	10%	5%	5%	15%	25%	25%	20%	10%	5%	5%	0%	0%	
Cañon City	30%	60%	75%	75%	55%	20%	5%	10%	25%	35%	35%	30%	25%	10%	5%	0%	0%	
Colorado Springs	60%	85%	85%	75%	45%	20%	15%	10%	30%	45%	45%	30%	15%	10%	5%	0%	0%	
Crestone	10%	35%	65%	65%	65%	25%	10%	10%	20%	35%	35%	35%	25%	15%	5%	0%	0%	
Del Norte	0%	10%	30%	40%	40%	15%	5%	5%	10%	20%	25%	25%	20%	10%	5%	0%	0%	
Eads	25%	60%	60%	60%	40%	10%	5%	10%	35%	50%	50%	45%	30%	5%	5%	0%	0%	
La Junta	25%	60%	70%	75%	75%	20%	5%	10%	45%	50%	50%	50%	45%	10%	0%	0%	0%	
Lamar	10%	40%	50%	50%	45%	10%	0%	5%	30%	45%	45%	45%	30%	5%	5%	0%	0%	
Leadville	55%	80%	80%	80%	60%	40%	20%	35%	55%	60%	60%	55%	40%	25%	10%	5%	5%	
Pueblo	45%	80%	80%	75%	55%	25%	10%	10%	40%	50%	50%	35%	35%	15%	5%	0%	0%	
Salida	15%	40%	60%	60%	50%	20%	5%	10%	20%	35%	35%	30%	20%	10%	5%	0%	0%	
Springfield	5%	20%	40%	45%	45%	10%	0%	5%	20%	40%	45%	45%	30%	10%	10%	0%	0%	
Trinidad	10%	35%	70%	85%	85%	30%	5%	10%	35%	40%	45%	50%	50%	15%	5%	5%	5%	
Walsenburg	25%	60%	80%	80%	80%	35%	15%	10%	40%	50%	50%	50%	50%	20%	10%	0%	0%	
Woodland Park	55%	80%	80%	75%	55%	25%	10%	15%	35%	50%	50%	35%	25%	10%	5%	0%	0%	

Created: 2 pm MST Wed 1/15/2025. Shows most impactful weather for the period beginning at the time shown. Weather symbols display where Probability of Precipitation ≥ 0%.

- Rain + - Wintry Mix + - Snow +

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- Wind chill values will consistently reach subzero temperatures each night through at least Monday Night-Tuesday.
- Snow accumulations will largely depend on a few uncertain factors, such as the path of the incoming system.
 - Snow could potentially impact the Friday evening and Monday morning commutes in some areas.



Much Colder Temperatures Early Next Week

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Periods of Accumulating Snow Likely

Cold Impacts: Vulnerable Populations



NEWBORNS



ELDERLY



CHRONIC ILLNESS



OUTDOOR WORKERS



UNHOUSED

Everyone is at risk from the dangers of extreme cold, but these groups are more vulnerable than most. Age and certain conditions make the body less able to regulate temperature.



Dress in loose layers and cover all exposed skin



Consume hot foods and warm drinks, but avoid caffeine and alcohol



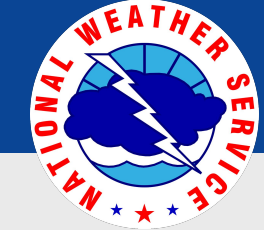
Limit or avoid time outdoors



Check on family, friends and neighbors

weather.gov






Much Colder Temperatures Early Next Week

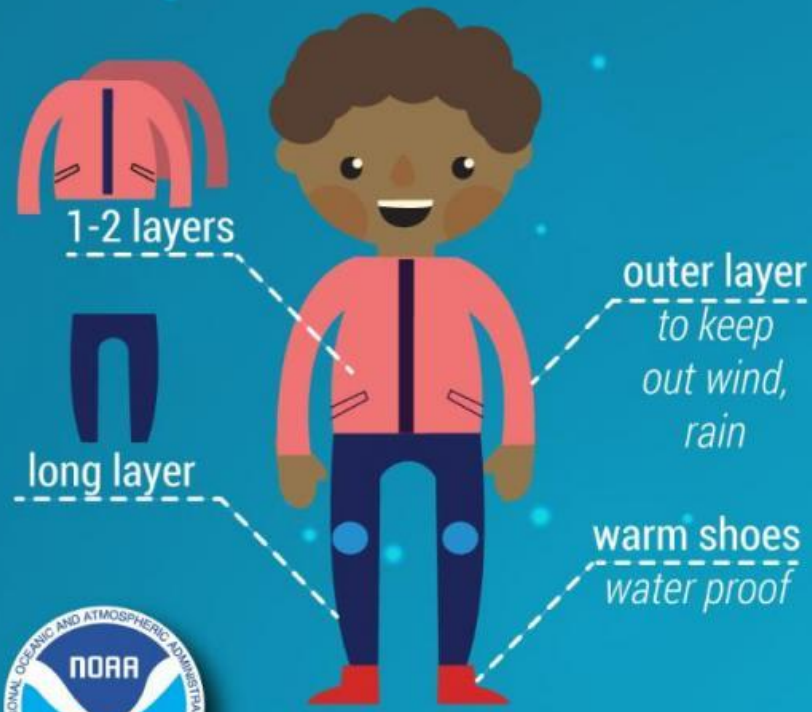
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Periods of Accumulating Snow Likely

DRESSING FOR COLD WEATHER

 Adding layers will help keep you warm as the temperature drops

CHILLY



COLD

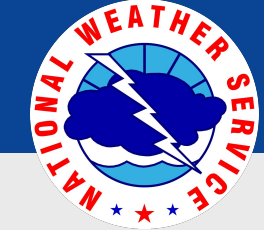


EXTREME COLD



weather.gov/cold





Much Colder Temperatures Early Next Week

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Periods of Accumulating Snow Likely

Warning Signs of Hypothermia



Confusion



Shivering



Difficulty
Speaking

ZZZ...



Sleepiness



Stiff
Muscles

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

National Weather Service
Pueblo, CO