

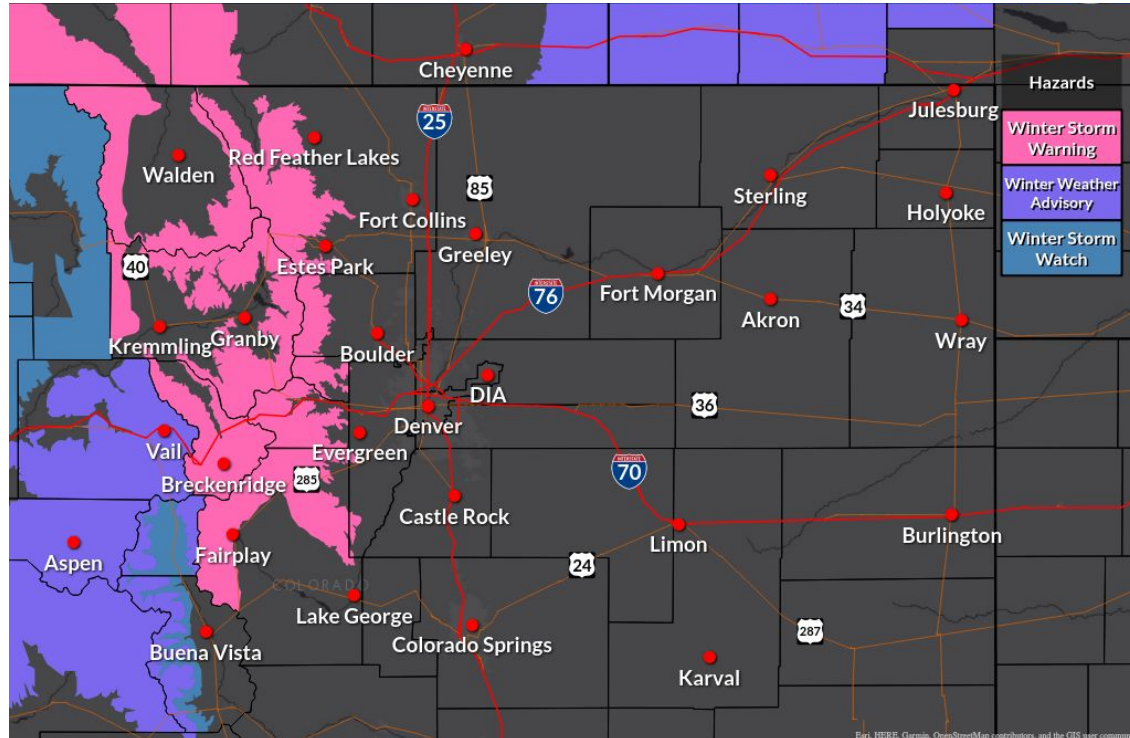


# Extreme Cold Event w/Snow

January 11, 2024  
1:52 PM

## Key Messages - SNOW

- Heavy mountain snows expected through the weekend, feet of snow
- Potential for banding across the plains, primarily Friday evening and overnight
- Light snow off and on across much of the region through the weekend
  - Minor accumulations across the plains Saturday onwards





# Accumulating Snow Potential

January 11, 2024

1:52 PM

Thursday Afternoon - Saturday Afternoon

## What

- This is only a snippet, heavy snow continues through the weekend along the mountains
- Light snowfall, 50-60% chances, across the Foothills and plains this weekend

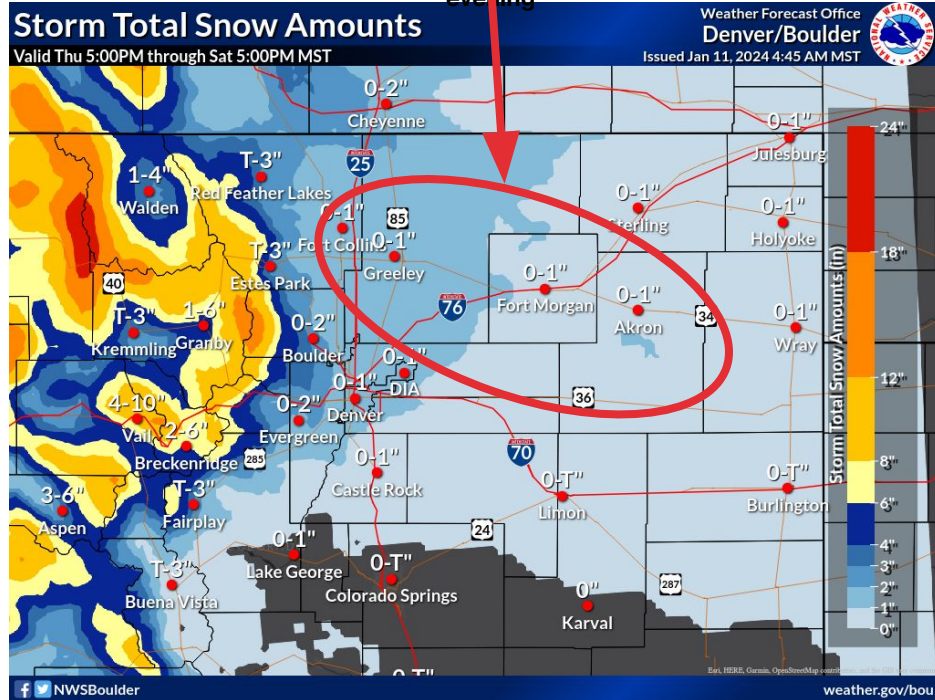
## Where

- Mountains will have the heaviest snows, 2-4' through the weekend
- Banded snowfall possible (40-50% chance) over the urban corridor and the plains (lower confidence in placement)

## When

- Mountain snows continue today through the weekend
- Foothills and plains, one shot possible Friday evening and then off and on showers possible (50-60%)

Area we are watching for potential snowfall banding Friday evening



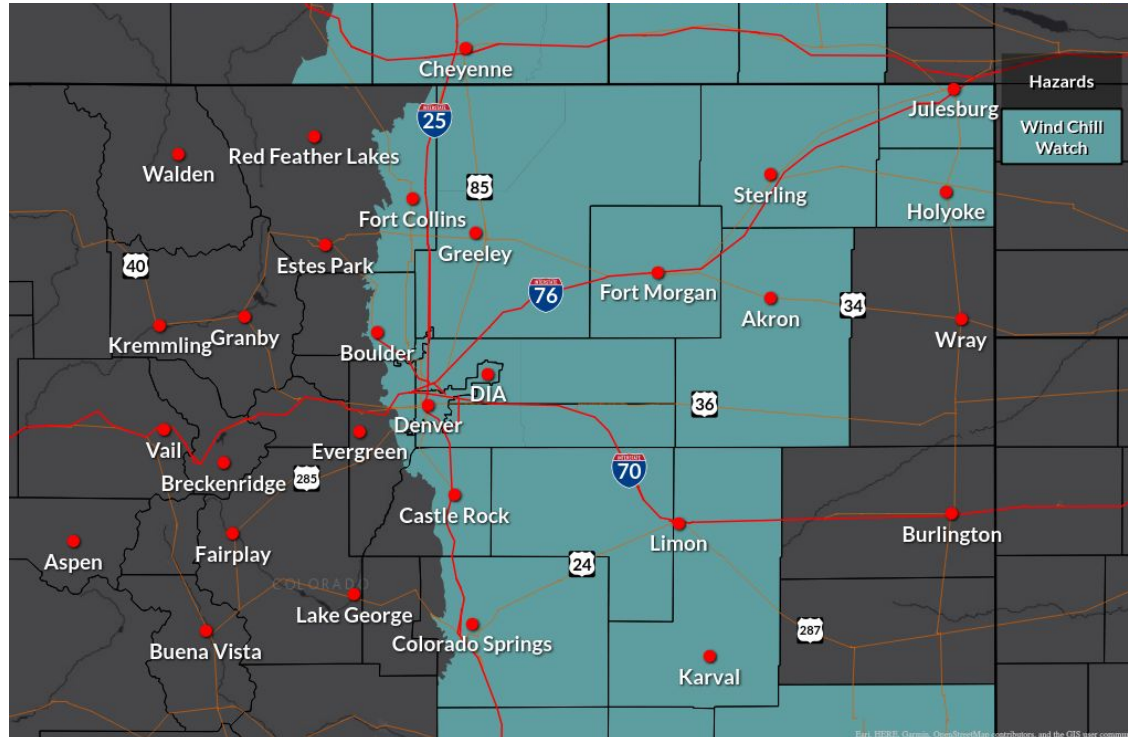


# Extreme Cold Event w/Snow

January 11, 2024  
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## Key Messages - COLD

- Temperatures begin to plummet Friday late evening, north to south
- Beginning Friday night, overnight lows will be below zero through Tuesday morning
- Little recovery with daytime temperatures, single digits



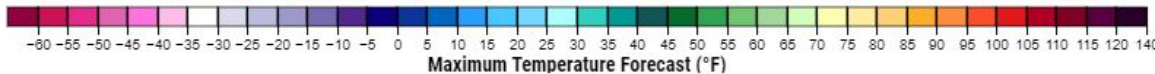


# Daytime Temperatures

January 11, 2024  
1:52 PM

## Maximum Temperature Forecast (°F)

	1/12 Fri		1/13 Sat				1/14 Sun				1/15 Mon				1/16 Tue			Maximum
	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	
Boulder	30	24	14	9	12	7	4	9	12	6	3	7	11	5	7	28	36	36
Breckenridge	11	11	12	17	24	19	18	22	27	20	15	10	14	4	-1	16	27	27
Castle Rock	28	21	10	7	11	5	1	3	7	3	-1	3	7	2	3	27	35	35
Denver	33	27	13	5	9	6	-1	3	8	6	-1	6	9	5	2	29	38	38
Fort Collins	31	23	9	0	3	0	-7	0	5	1	-5	3	8	2	-3	22	31	31
Ft. Morgan	34	22	4	0	6	2	-6	1	6	2	-3	2	7	2	-8	18	31	34
Greeley	33	23	5	0	5	2	-5	0	6	2	-4	1	7	3	-7	18	30	33
Limon	31	20	8	5	8	3	-5	2	4	0	-5	4	5	-3	-7	25	32	32
Sterling	31	17	1	0	5	0	-7	0	5	-1	-7	2	7	0	-7	19	30	31
Walden	13	8	2	12	21	16	13	18	21	12	2	4	6	-3	-10	13	21	21



Created: 1 pm MST Thu 1/11/2024 | Values are maximums over the period beginning at the time shown.



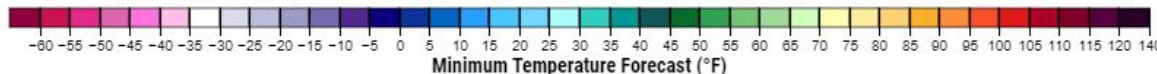


# Overnight Temperatures

January 11, 2024  
1:52 PM

## Minimum Temperature Forecast (°F)

	1/12 Fri		1/13 Sat				1/14 Sun				1/15 Mon				1/16 Tue			Minimum
	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	
Boulder	26	15	6	5	9	4	0	0	8	3	-1	-2	7	2	3	8	31	-2
Breckenridge	9	9	10	9	19	18	17	16	21	15	10	6	5	0	-3	-2	19	-3
Castle Rock	23	11	4	2	6	1	-1	-2	4	-1	-3	-5	4	-1	-1	4	28	-5
Denver	30	14	5	2	7	-1	-4	-5	5	0	-3	-3	7	-1	-1	3	33	-5
Fort Collins	27	11	-2	-4	1	-6	-9	-9	2	-5	-8	-9	5	-5	-5	-3	26	-9
Ft. Morgan	26	7	-5	-6	2	-5	-8	-8	3	-3	-7	-8	4	-7	-9	-8	24	-9
Greeley	27	7	-2	-4	2	-4	-7	-8	3	-3	-8	-9	4	-7	-8	-7	23	-9
Limon	24	9	-2	-4	5	-4	-7	-7	2	-5	-6	-6	-1	-9	-9	-5	24	-9
Sterling	22	3	-5	-7	2	-7	-11	-11	2	-6	-9	-10	2	-7	-9	-7	24	-11
Walden	9	2	-3	-3	16	13	10	10	14	4	-5	-7	-1	-11	-13	-10	15	-13



Created: 1 pm MST Thu 1/11/2024 | Values are minimums over the period beginning at the time shown.

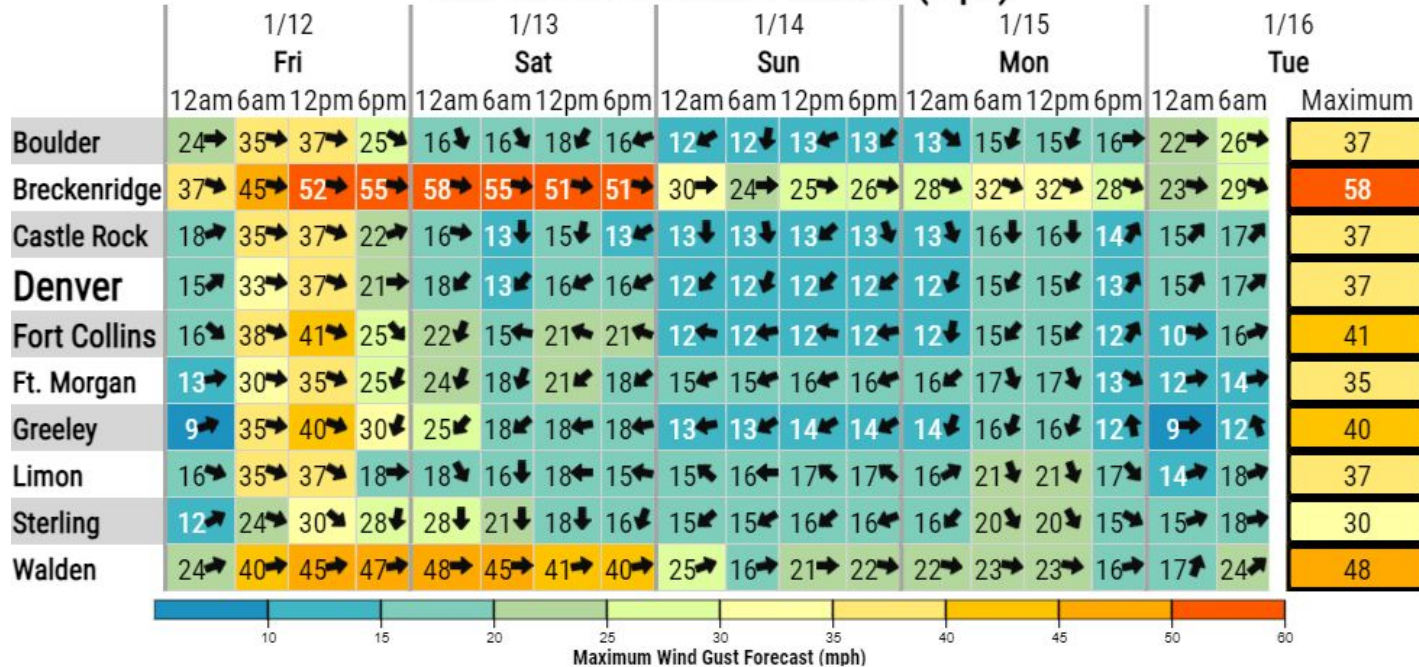




# Extreme Cold Event w/Snow

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## Maximum Wind Gust Forecast (mph)



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# Extreme Cold Event w/Snow

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## Minimum Wind Chill Forecast (°F)

	1/12 Fri		1/13 Sat				1/14 Sun				1/15 Mon				1/16 Tue			Minimum
	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	6pm	12am	6am	12pm	
Boulder	14	2	-7	-7	-5	-8	-12	-13	-5	-12	-15	-17	-7	-13	-13	-9	20	-17
Breckenridge	-15	-15	-14	-15	-1	-2	1	1	7	-1	-8	-13	-15	-20	-23	-22	4	-23
Castle Rock	11	-4	-9	-10	-7	-12	-15	-17	-9	-15	-19	-21	-10	-16	-16	-11	19	-21
Denver	19	0	-9	-10	-6	-13	-18	-19	-7	-13	-18	-18	-6	-15	-15	-12	24	-19
Fort Collins	14	-6	-18	-18	-16	-21	-24	-24	-11	-20	-24	-25	-9	-20	-19	-17	16	-25
Ft. Morgan	15	-12	-24	-24	-13	-22	-25	-25	-12	-21	-25	-26	-12	-23	-25	-24	14	-26
Greeley	15	-12	-20	-21	-13	-20	-23	-23	-10	-19	-26	-27	-11	-21	-21	-18	15	-27
Limon	14	-6	-19	-21	-10	-20	-24	-24	-15	-23	-25	-24	-18	-28	-26	-21	14	-28
Sterling	10	-17	-25	-27	-15	-24	-28	-28	-15	-25	-27	-29	-13	-25	-27	-25	13	-29
Walden	-13	-23	-30	-30	-4	-3	-5	-4	-1	-14	-25	-28	-17	-29	-31	-30	0	-31



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# Summary

## Winter Storm & Cold Information



### Hazards:

Snow & Blowing Snow. Bitterly Cold Temperatures



### Areas Impacted:

Cold - Front Range Foothills, Denver Metro/Urban Corridor, and eastern plains (along I-70)  
Heavy Snow - Mountains (Light/Moderate Snowfall mountain valleys)



### Timing & Duration:

First round of mountain snow through Thursday afternoon. Heavy mountain snow for Friday through Sunday. Cold moves in by Saturday morning and continues through Monday. Potential banded snowfall across the plains Friday evening.



### Impacts:

Snow covered roads and difficult travel in the mountains, especially this weekend. Very cold conditions east of the Continental Divide this weekend.



### Certainty & Consideration:

Forecast confidence is high for heavy mountain snow this weekend and for the bitterly cold temperatures. What is uncertain: Snowfall for the Front Range Foothills, Urban Corridor, and eastern plains this weekend. However, even light snowfall should produce slippery road conditions.

