



Denver Monthly Climate Summary January 2025

NWS Boulder



NATIONAL WEATHER SERVICE
OCEANIC AND ATMOSPHERIC ADMINISTRATION

Issued: 2/1/2025



Monthly Overview

January 2025



After a very dry and mild December, the weather in January turned wetter and much colder. An Arctic airmass settled into North Central and Northeastern Colorado on the evening of the 18th and remained in place until the morning of the 21st. Most of the forecast area experienced max temperatures in the single digits and teens with overnight lows plunging below zero during this period. The Monthly Mean Temperature of 25.8 degrees at Denver International Airport tied for the 21st Coldest on record for Denver. Denver also received above normal precipitation and snowfall during the month. The 13.3 inches of snow measured at Denver International Airport ends up being the 14th snowiest January in Denver weather history.



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

National Weather Service
Denver/Boulder, CO



Monthly Temperature Data (January)

- Temperatures were much below normal in Denver this month. Denver's mean temperature was 25.8°F, which is 5.9°F below normal.
- The highest temperature for the month was 61°F on the 16th, with the lowest temperature of -14°F occurring on the 20th.
- No temperature records were broken during the month.

Temperature	Observed	Normal	Departure
Average High	38.4	44.6	-6.2
Average Low	13.2	18.7	-5.5
Average Mean	25.8	31.7	-5.9

Temperature Records set this Month:

Date	Type	Observed	Previous Record (Year)
No Records Set this Month			





Monthly Precipitation/Snowfall (January)

- Precipitation was 0.18" above normal in Denver this month
- 13.3" of snow was observed, which is 6.9" above the normal January snowfall
- No precipitation records were observed this month

Precipitation	Observed	Normal	Departure
Total Precipitation	0.56"	0.38"	+0.18"
# of Days w/ Measurable	9	4	+5

Snowfall	Observed	Normal	Departure
Total Snowfall	13.3"	6.4"	+6.9"

Precipitation Records set this Month:

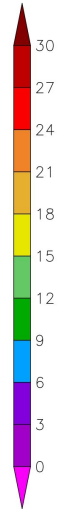
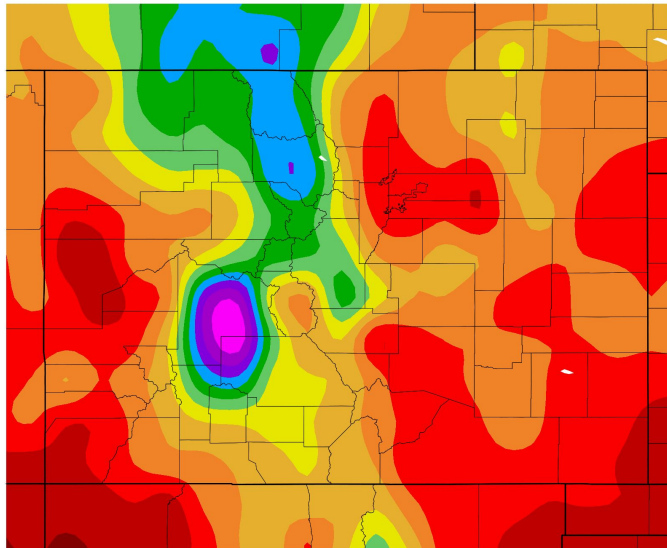
Date	Type	Observed	Previous Record (Year)
No Records Set this Month			



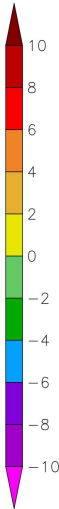
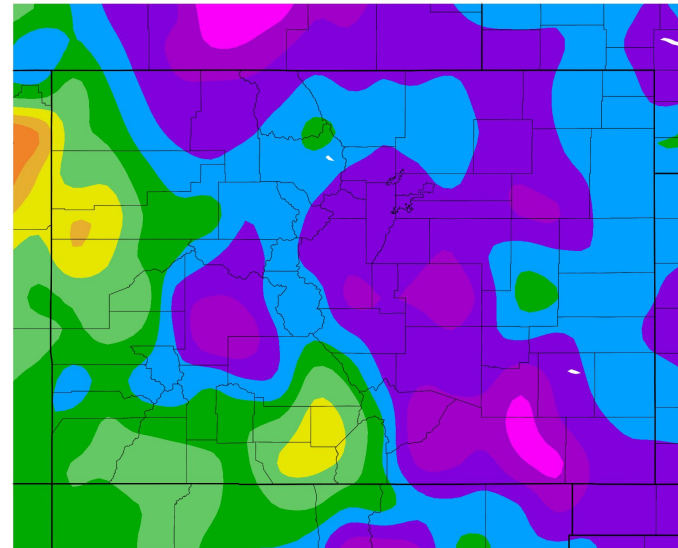


Statewide Temperature January 2025

Temperature (F)
1/1/2025 - 1/31/2025



Departure from Normal Temperature (F)
1/1/2025 - 1/31/2025



Generated 2/1/2025 at HPRCC using provisional data.

NOAA Regional Climate Centers

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NOAA Regional Climate Centers





Top 10 Hi/Low Temperature Years

Average Temperatures for the Month of January (Records since 1872)

Top Ten Warmest

Rank	Temperature (°F)	Year(s)
1	40.3	1986
2	40.1	1934
3	39.6	1953
4	39.4	1935
5	38.3	1893
6	38.2	1911
7	37.9	1923
8	37.4	2006
9	37.3	1981
	37.3	1896

Top Ten Coldest

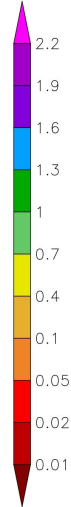
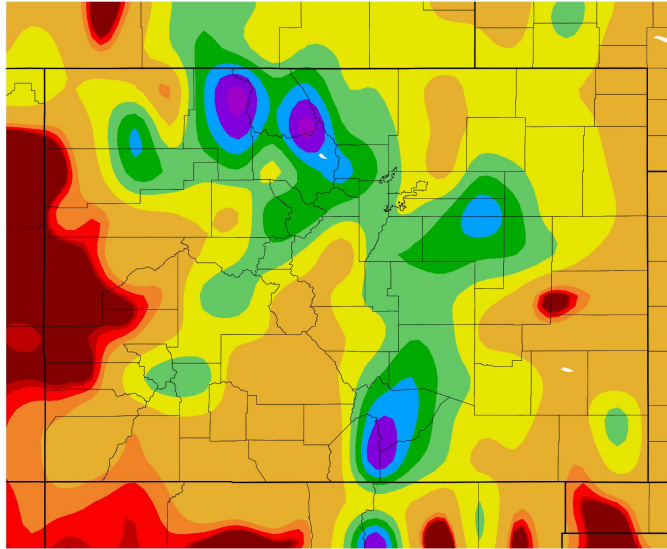
Rank	Temperature (°F)	Year(s)
1	16.9	1930
2	18.0	1979
3	18.1	1875
4	18.2	1937
5	19.1	1963
6	19.4	1949
7	19.5	1962
8	20.8	2007
9	21.7	1886
10	22.8	1916



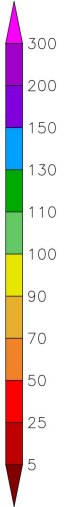
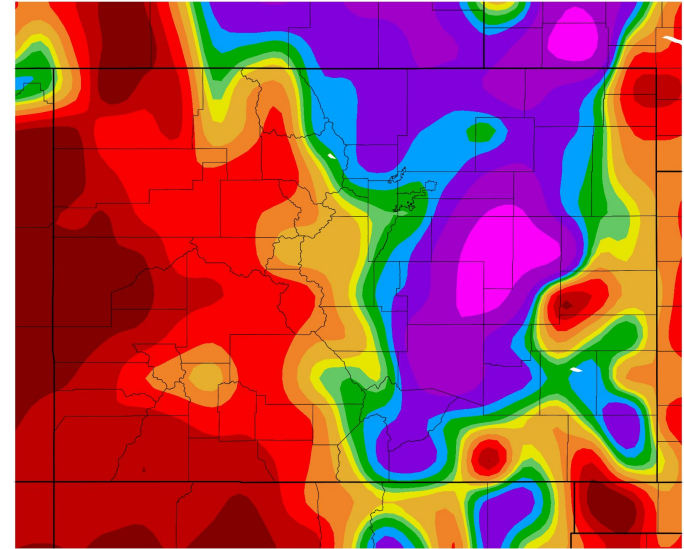


Statewide Precipitation January 2025

Precipitation (in)
1/1/2025 - 1/31/2025



Percent of Normal Precipitation (%)
1/1/2025 - 1/31/2025



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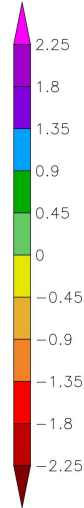
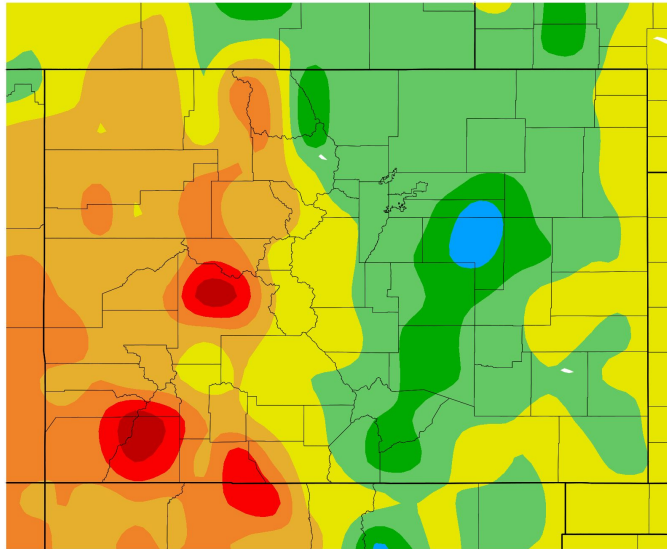
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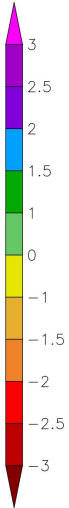
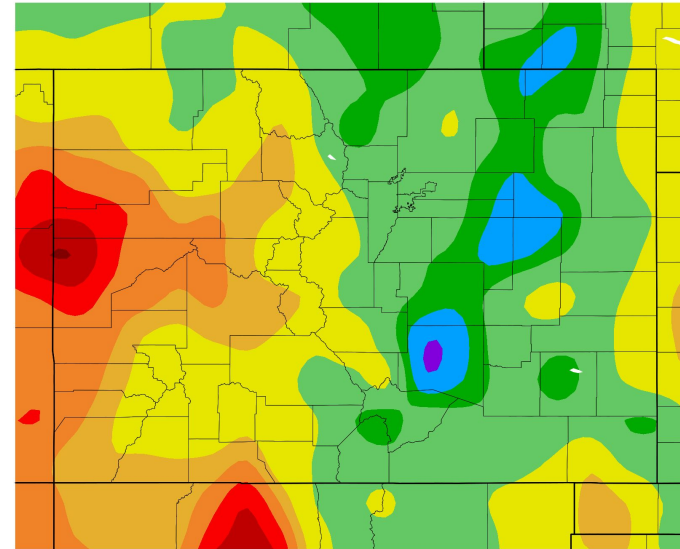


Statewide Precipitation January 2025

Departure from Normal Precipitation (in)
1/1/2025 - 1/31/2025



Monthly SPI
1/1/2025 - 1/31/2025



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Top 10 Hi/Low Precipitation Years

Precipitation during the month of January (Records since 1872)

Top Ten **Wettest**

Rank	Precipitation (in.)	Year(s)
1	2.35"	1883
2	1.90"	1877
3	1.60"	1891
4	1.46"	1949
5	1.43"	1948
6	1.33"	1962
7	1.31"	1973
8	1.25"	2023
9	1.24"	1959
10	1.19"	1992

Top Ten **Driest**

Rank	Precipitation (in.)	Year(s)
1	0.01"	1952
	0.01"	1934
	0.01"	1933
4	0.02"	1931
5	0.03"	2003
	0.03"	1935
	0.03"	1914
8	0.04"	1904
9	0.05"	1998
	0.05"	1901





Top 10 Hi/Low Snowfall Years

Snowfall during the month of January (Records since 1882)

Top Ten Snowiest

Rank	Snowfall (in.)	Year(s)
1	24.3"	1992
2	22.2"	1949
3	20.5"	1883
4	19.2"	1948
5	17.4"	1959
6	17.2"	1962
7	17.0"	1987
	17.0"	1891
9	15.9"	2007
10	15.7"	1951

Top Ten Least Snowiest

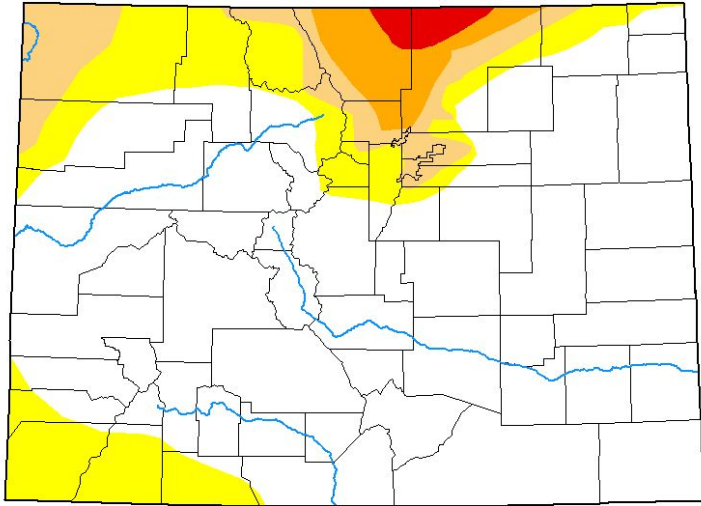
Rank	Precipitation (in.)	Year(s)
1	T	2003
	T	1934
3	0.1"	1931
4	0.2"	1933
5	0.3"	1952
6	0.4"	1914
7	0.8"	1935
8	0.9"	2020
	0.9"	1970
10	1.0"	1961, 1893



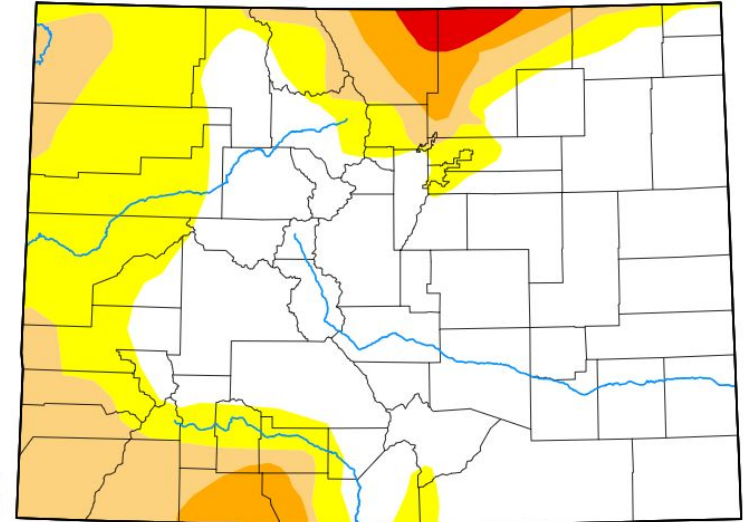


Drought Conditions Colorado

December 31, 2024



January 30, 2025



Intensity

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)

There was little change in Drought conditions across North Central and Northeastern Colorado. Drought conditions persisted across the northern I-25 corridor, but improved over the Metro Denver, the southern Foothills and portions of the Northern Mountains. As of January 30th, the worst conditions were over the plains of Larimer and Weld county near the Wyoming border.



C0-93 MP 011 80 NB at C0-128

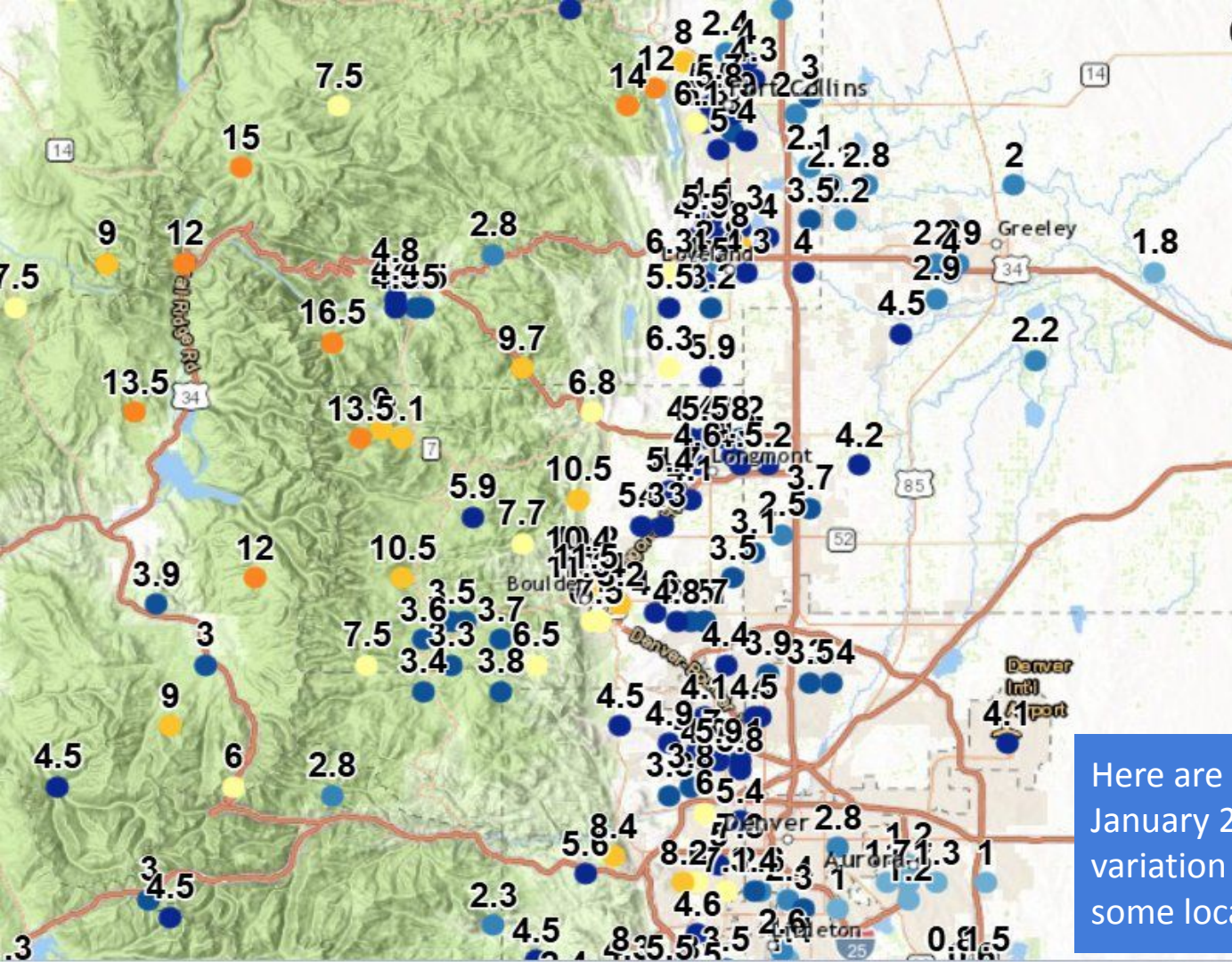
Photo courtesy of CDOT



Blowing snow resulted in hazardous travel and the road closure of Highway 93 between Golden and Boulder on January 21st.



Snowfall Legend Measured in inches



Here are the snowfall reports from January 25th, 2025. There is quite a variation in and near the foothills with some locally heavy amounts reported.