

Denver Monthly Weather Summary March 2025

NWS Boulder



NATIONAL WEATHER SERVICE
OCEANIC AND ATMOSPHERIC ADMINISTRATION

Issued: 4/4/2025



Monthly Overview

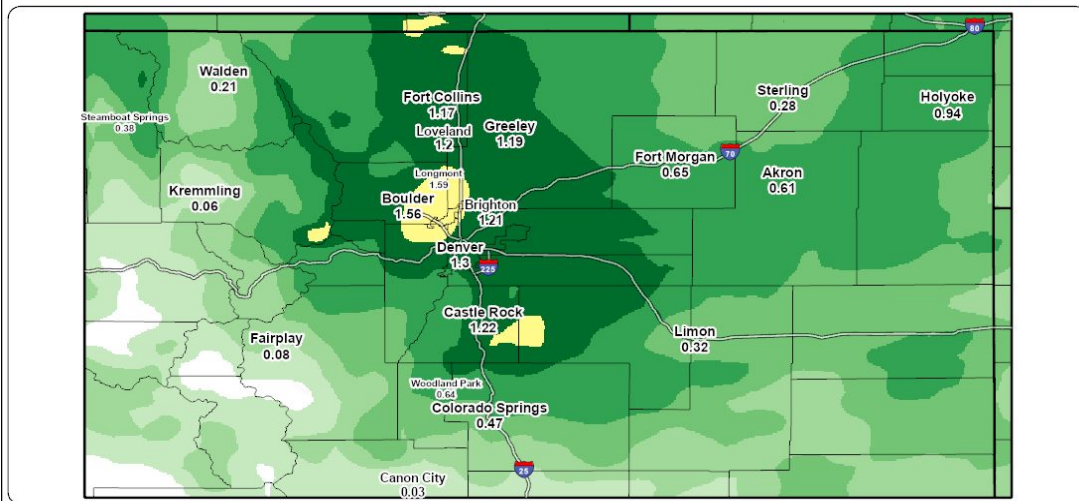
March 2025



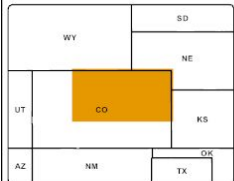
National Weather Service

Rainfall Analysis 03/28/2025 06:00AM to 03/30/2025 06:00AM MDT

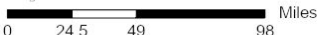
Analysis Data Source: NCEP Stage IV (Values Estimated at Locations)



March was mild and dry for most of the month. It wasn't until the last few days of March that significant precipitation occurred, along the I-25 Corridor, with up to 2 inches of rain in some areas. It was also windy especially through the middle part of the month as Denver International Airport saw wind gusts exceed 50 mph on four separate days. Official snowfall at Denver was only 2.0" which was the 8th least snowiest March on record. The average mean temperature was 45.8 degrees which was the 12th warmest March on record.



Created: 03/30/2025 12:35PM



This is an experimental product of the NWS GAZPACHO software package. Care should be taken in using the data. Unofficial observations may be plotted. Values at interpolated locations may not represent actual reports at that location.



National Oceanic and Atmospheric Administration

U.S. Department of Commerce

National Weather Service
Denver/Boulder, CO



Monthly Temperature Data (March)

- Temperatures were above normal in Denver this month. Denver's mean temperature was 45.8°F, which is 4.2°F above normal.
- The highest temperature for the month was 77°F on the 28th, and the lowest temperature was 17°F which occurred on the 5th.
- No temperature records were broken during the month.

Temperature	Observed	Normal	Departure
Average High	61.3	55.7	5.6
Average Low	30.3	27.5	2.8
Average Mean	45.8	41.6	4.2

Temperature Records set this Month:

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





Monthly Precipitation/Snowfall (March)

- Precipitation was above normal in Denver this month
- 2.0" of snow was observed, which is 6.8" below the normal March snowfall
- No precipitation records were observed this month

Precipitation	Observed	Normal	Departure
Total Precipitation	1.26"	0.86"	0.40"
# of Days w/ Measurable	5	6	-1

Snowfall	Observed	Normal	Departure
Total Snowfall	2.0"	8.8"	-6.8"

Precipitation Records set this Month:

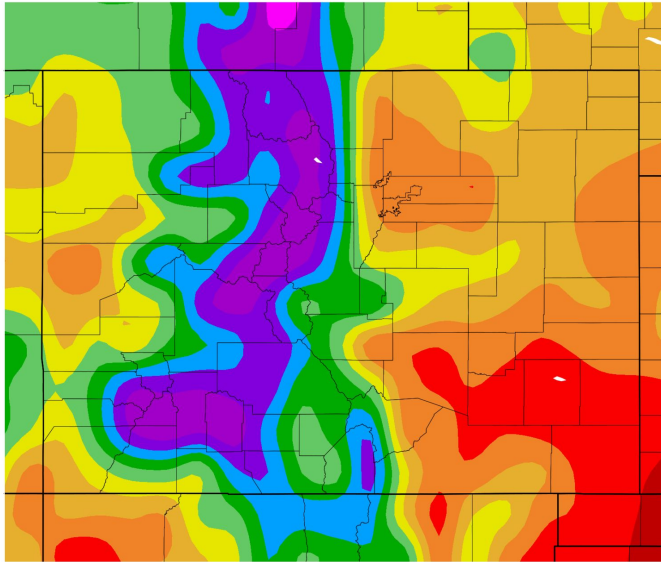
Date	Type	Observed	Previous Record (Year)
No Records Set this Month			



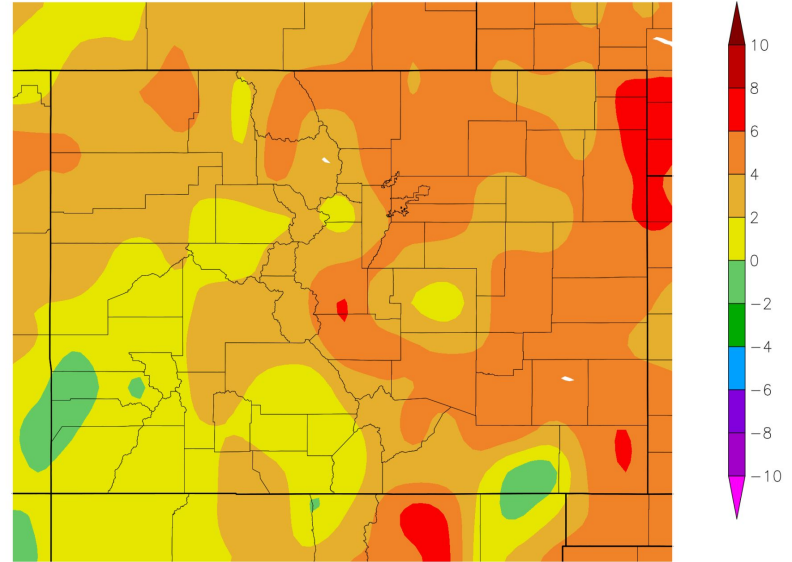


Statewide Temperature March 2025

Temperature (F)
3/1/2025 - 3/31/2025



Departure from Normal Temperature (F)
3/1/2025 - 3/31/2025



Generated 4/2/2025 at HPRCC using provisional data.

NOAA Regional Climate Centers Generated 4/2/2025 at HPRCC using provisional data.

NOAA Regional Climate Centers





Top 10 Hi/Low Temperature Years

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

Top Ten Warmest

Rank	Temperature (°F)	Year(s)
1	50.4	1910
2	49.2	2012
3	47.9	2017
4	47.2	1907
5	47.1	1986
6	47.0	1918
7	46.5	1879
8	46.4	2004
	46.4	1946
10	46.0	2007, 1887

Top Ten Coldest

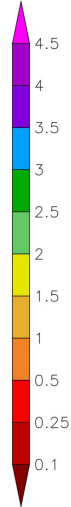
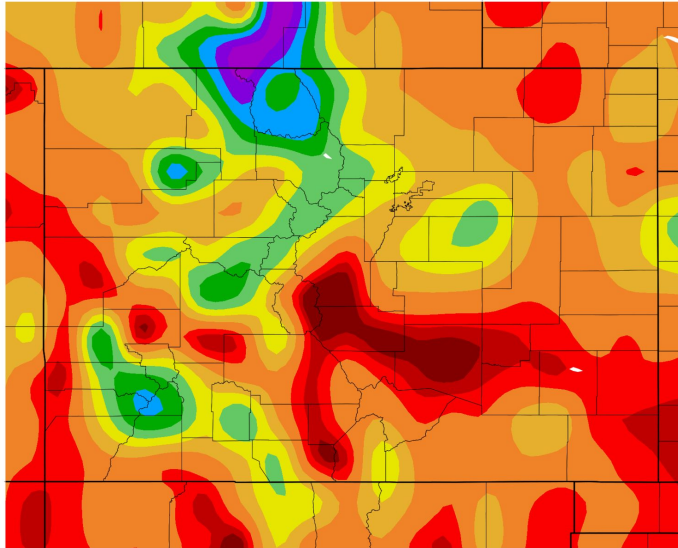
Rank	Temperature (°F)	Year(s)
1	26.4	1912
2	28.0	1924
3	29.0	1965
4	29.7	1906
5	32.1	1969
6	32.2	1891
7	32.8	1958
8	33.0	1964
9	33.1	1899
10	33.2	1917



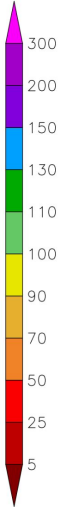
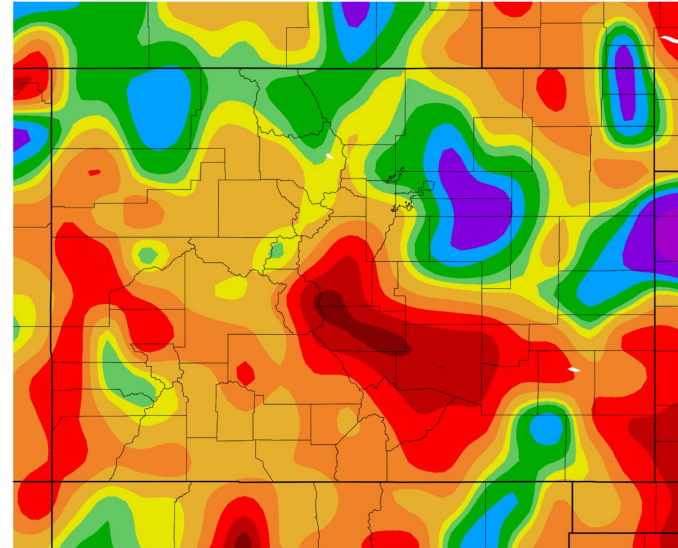


Statewide Precipitation March 2025

Precipitation (in)
3/1/2025 - 3/31/2025



Percent of Normal Precipitation (%)
3/1/2025 - 3/31/2025



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NOAA Regional Climate Centers

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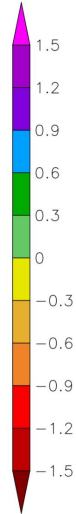
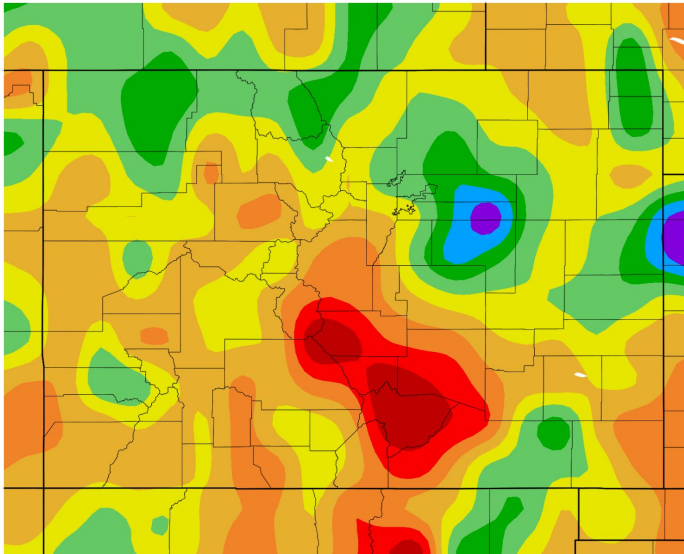
NOAA Regional Climate Centers



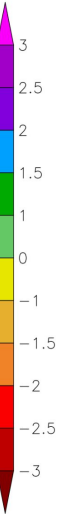
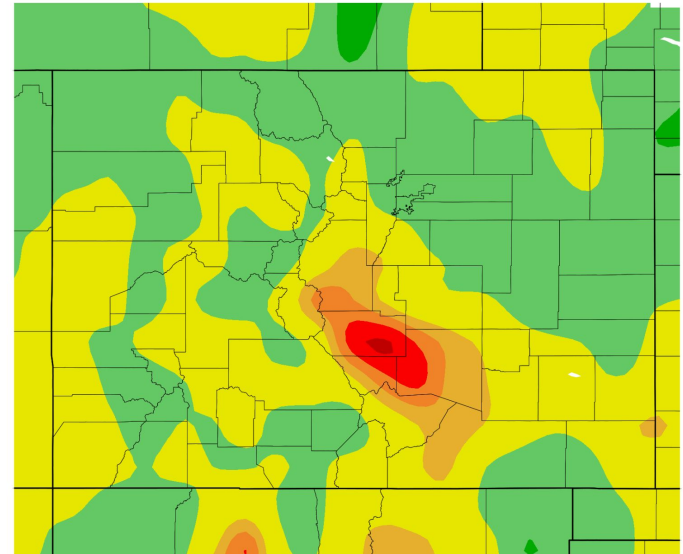


Statewide Precipitation March 2025

Departure from Normal Precipitation (in)
3/1/2025 – 3/31/2025



Monthly SPI
3/1/2025 – 3/31/2025



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NOAA Regional Climate Centers | Generated 4/2/2025 at HPRCC using provisional data.

NOAA Regional Climate Centers





Top 10 Hi/Low Precipitation Years

Precipitation during the month of March (Records since 1872)

Top Ten **Wettest**

Rank	Precipitation (in.)	Year(s)
1	4.56"	1983
2	3.80"	2021
3	3.50"	1992
4	3.10"	1990
	3.10"	1891
6	3.07"	1905
7	3.05"	2003
8	3.03"	1909
9	2.85"	1959
10	2.75"	1944

Top Ten **Driest**

Rank	Precipitation (in.)	Year(s)
1	0.03"	2012
2	0.11"	1908
3	0.14"	2008
	0.14"	2004
5	0.18"	1982
6	0.19"	1999
7	0.20"	1882
8	0.21"	1883
	0.21"	1880
10	0.22"	1945, 1873





Top 10 Hi/Low Snowfall Years

Snowfall during the month of March (Records since 1882)

Top Ten Snowiest

Rank	Snowfall (in.)	Year(s)
1	35.2"	2003
2	34.0"	2021
3	32.5"	1944
4	31.3"	1891
5	30.5"	1983
6	29.2"	1961
7	26.8"	1959
8	25.7"	1923
9	25.2"	1952
10	24.8"	1929

Top Ten Least Snowiest

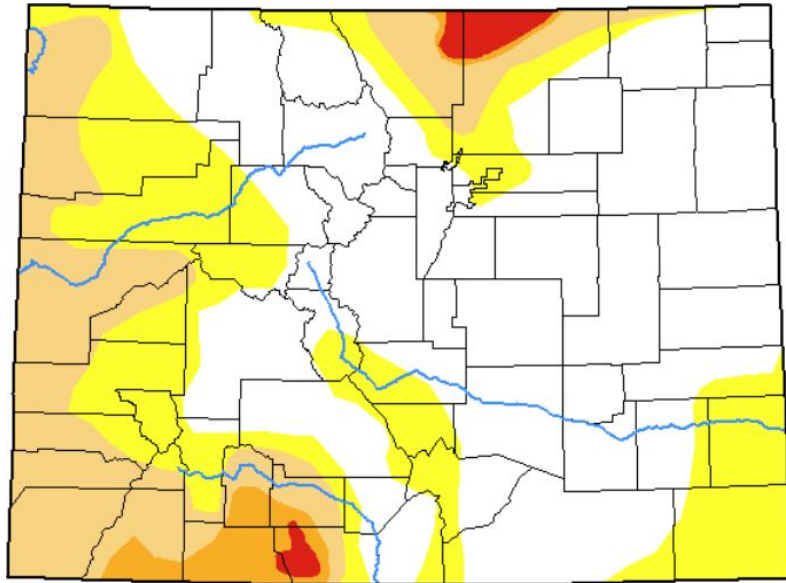
Rank	Precipitation (in.)	Year(s)
1	T	2017
	T	2012
3	0.3"	1883
4	0.4"	1911
5	0.5"	1885
6	1.1"	1887
7	1.8"	2004
8	2.0"	2025/1882
9	2.1"	1982
	2.1"	1908



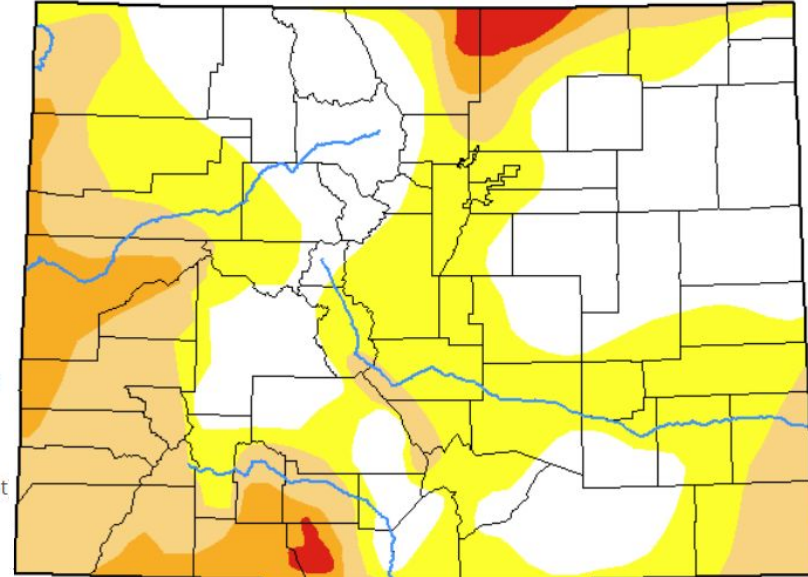


Drought Conditions Colorado

February 25 , 2025



March 25, 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 & Northeastern Colorado. Drought conditions persisted across the northern I-25 corridor with the expansion of D0 (Abnormally Dry) conditions across the southern I-25 corridor, southern foothills and South Park. As of March 25th, the worst conditions were over the plains of Larimer & Weld counties near the Wyoming & Nebraska border.





Beneficial Precipitation on March 29th

The Front Range Urban Corridor received much needed precipitation on March 29th. Most areas measured over an inch of precipitation with lighter amounts across the southwestern suburbs of Denver and Douglas County.

The southern sections of Boulder received the most precipitation with 2.33 inches measured by a few CoCoRaHS observers.

<https://maps.cocorahs.org/>

Heavy snow also occurred across the Front Range Foothills where 3 to 11 inches of snow was measured.

