



Denver Monthly Weather Summary August 2025

NWS Boulder



NATIONAL WEATHER SERVICE
OCEANIC AND ATMOSPHERIC ADMINISTRATION

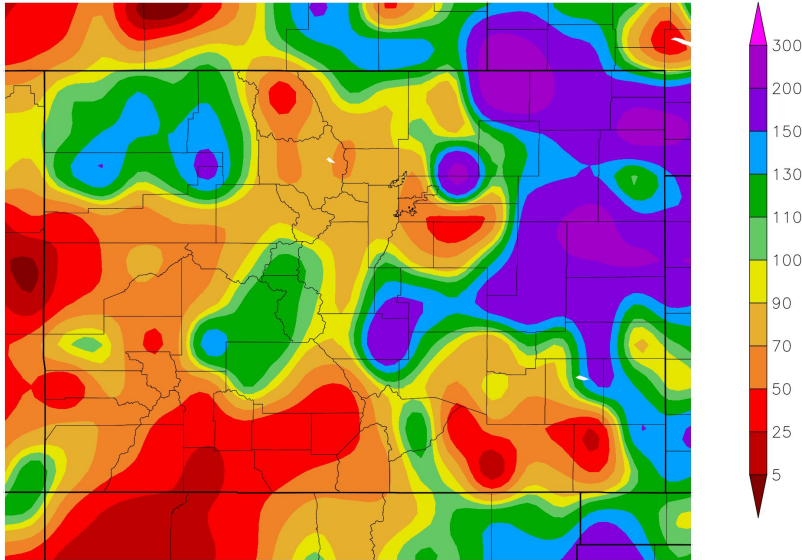
Issued: 9/2/2025



Monthly Overview

August 2025

Percent of Normal Precipitation (%)
8/1/2025 – 8/31/2025



Overall, temperatures were slightly above normal in August, across the Denver area, with below normal precipitation. Official rainfall at Denver (measured at DIA) was 4.12" which was 2.54" above normal. However, most of the Denver metro area had below normal rainfall with Denver Central Park receiving 0.63" of rain while Centennial Airport only had 0.40" of rain.

The average mean temperature at Denver was 73.8 degrees which was 0.9 degrees above normal. Meanwhile, there were episodes of heavy rain and severe weather over the eastern plains during the month.

Generated 9/1/2025 using provisional data.

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Monthly Temperature Data (August)

- Temperatures were slightly above normal in Denver this month. Denver's mean temperature was 73.8°F, which was 0.9°F above normal.
- The highest temperature for the month was 99°F on the 7th, and the lowest temperature was 51°F which occurred on the 11th.
- A record high temperature of 99 degrees was tied on the 7th.

Temperature	Observed	Normal	Departure
Average High	87.7	87.5	+0.2
Average Low	59.8	58.3	+1.5
Average Mean	73.8	72.9	+0.9

Temperature Records set this Month:

Date	Type	Observed	Previous Record (Year)
08/07/2025	Max Temperature	99°	1980





Monthly Precipitation/Snowfall (August)

- Precipitation for August 2025 was 4.12" which was 2.54" inches above the normal of 1.58". This was the 3rd wettest August on record.
- No snow was observed, which is the normal August snowfall.
- "Three" daily precipitation records were observed this month on the 10th (1.43"), 26th (1.38") and 29th (0.69").

Precipitation	Observed	Normal	Departure
Total Precipitation	4.12"	1.58"	+2.54"
# of Days w/ Measurable	9	7	+2

Snowfall	Observed	Normal	Departure
Total Snowfall	0.0"	0.0"	0.0"

Precipitation Records set this Month:

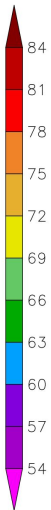
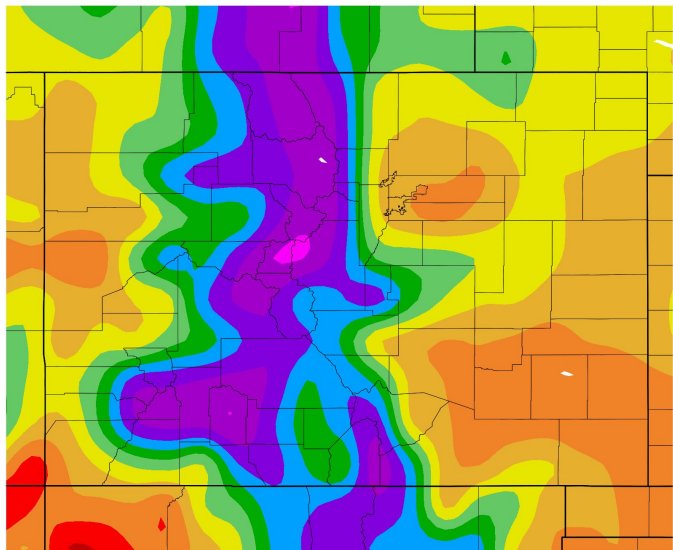
Date	Type	Observed	Previous Record (Year)
08/10/2025	Daily Rainfall	1.43"	1878
08/26/2025	Daily Rainfall	1.38"	1944
08/29/2025	Daily Rainfall	0.69"	1872



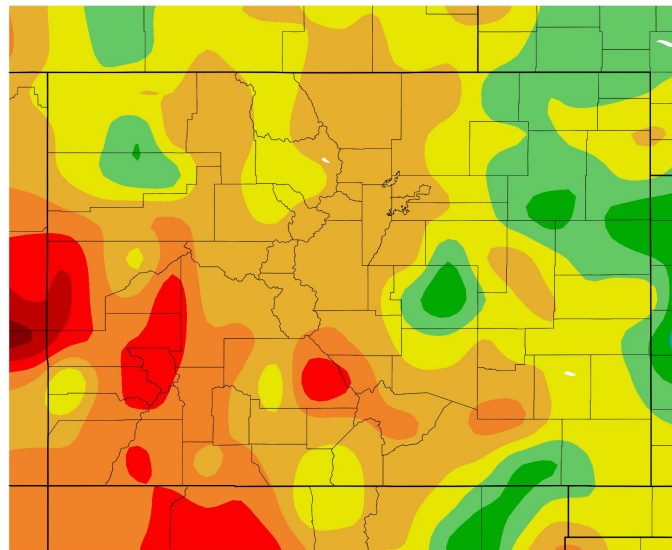


Statewide Temperature August 2025

Temperature (F)
8/1/2025 – 8/31/2025



Departure from Normal Temperature (F)
8/1/2025 – 8/31/2025



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Top 10 Hi/Low Temperature Years

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

Top Ten Warmest

Rank	Temperature (°F)	Year(s)
1	77.0	2020
	77.0	2011
3	76.8	1937
4	76.1	2022
5	75.6	2024
6	75.4	2021
	75.4	2019
	75.4	2007
9	75.3	1995
10	75.0	2012

Top Ten Coldest

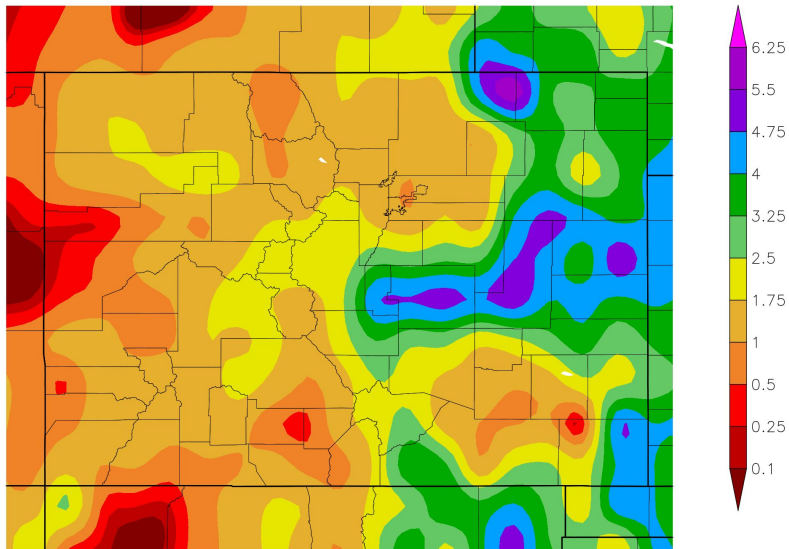
Rank	Temperature (°F)	Year(s)
1	66.5	1915
2	66.6	1927
3	67.7	1920
4	67.8	1884
5	68.0	1888
6	68.1	1968
7	68.2	2004
	68.2	1967
9	68.4	1992
10	68.4	1923, 1917





Statewide Precipitation August 2025

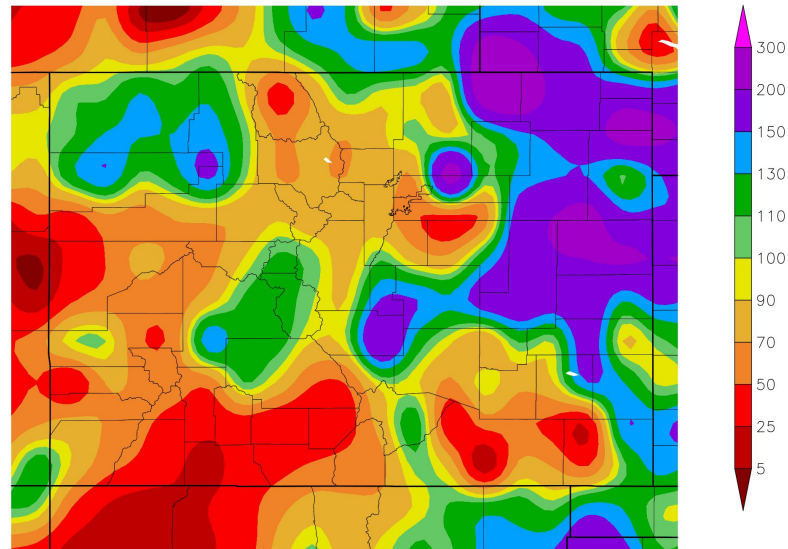
Precipitation (in)
8/1/2025 – 8/31/2025



Generated 9/1/2025 using provisional data.

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Percent of Normal Precipitation (%)
8/1/2025 – 8/31/2025



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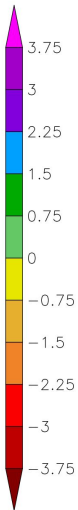
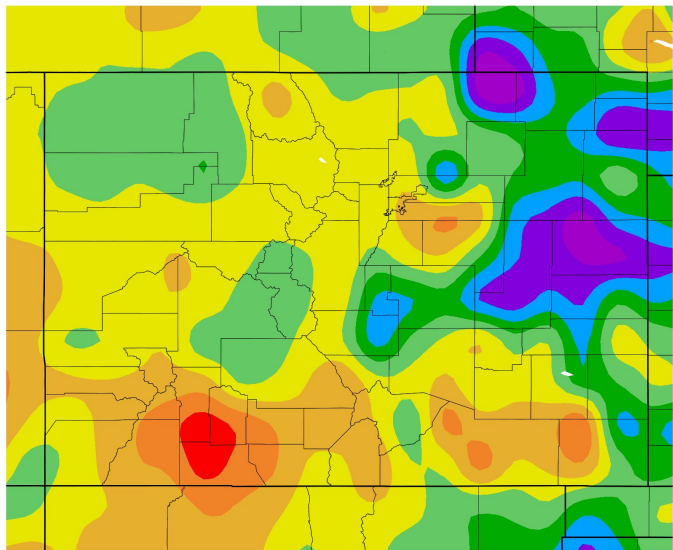
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Statewide Precipitation August 2025

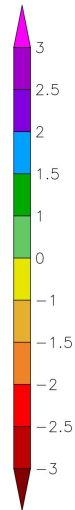
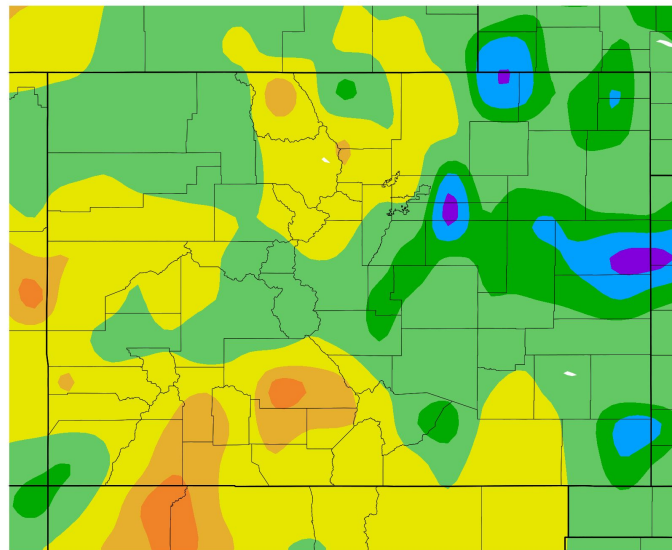
Departure from Normal Precipitation (in)
8/1/2025 – 8/31/2025



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Monthly SPI
8/1/2025 – 8/31/2025



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Top 10 Hi/Low Precipitation Years

Precipitation during the month of August (Records since 1872)

Top Ten Wettest

Rank	Precipitation (in.)	Year(s)
1	5.85"	1979
2	4.47"	1951
3	4.12	2025
4	4.03"	2008
5	3.87"	1923
6	3.69"	1991
7	3.52"	1997
8	3.49"	1921
9	3.22"	1999
10	3.20"	1936

Top Ten Driest

Rank	Precipitation (in.)	Year(s)
1	0.02"	1924
2	0.05"	1917
	0.05"	1900
4	0.06"	1960
5	0.11"	2012
6	0.16"	1974
7	0.19"	1948
8	0.22"	2016
9	0.23"	1907
10	0.25"	1959





Top 10 Hi/Low Snowfall Years

Snowfall during the month of August (Records since 1882)

No Snow has been observed at Denver in the month of August



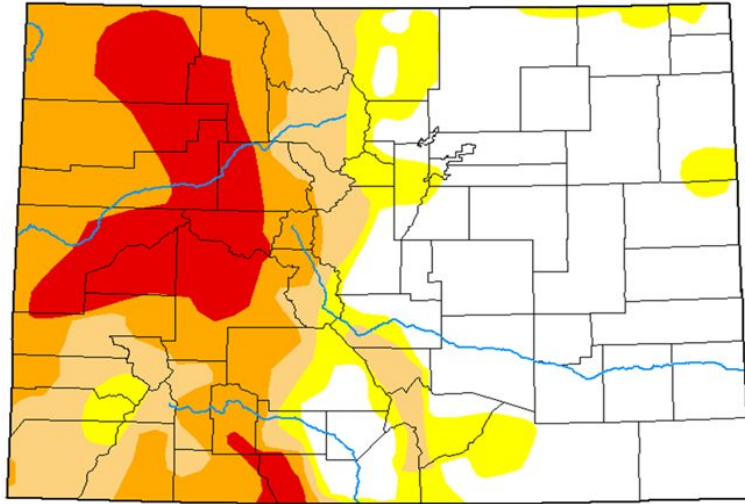
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Drought Conditions Colorado

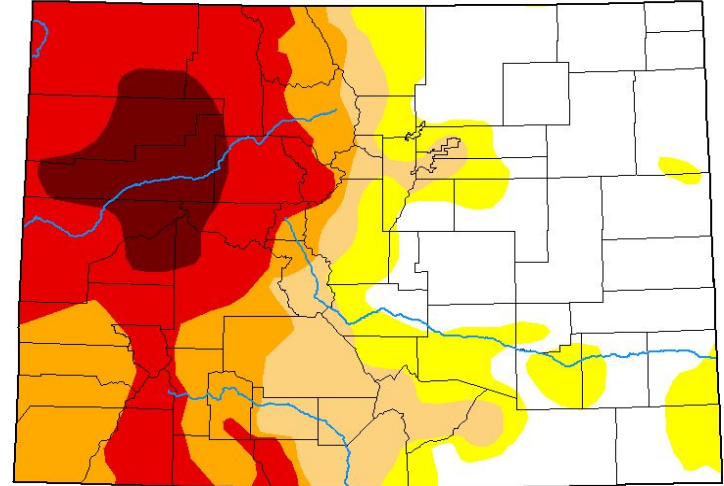
July 29, 2025



Intensity

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

August 28, 2025



Drought conditions have worsened over the higher terrain, especially across Grand, Jackson and Summit counties. Meanwhile the eastern plains continued to see above normal rainfall in August.

