



# Denver Monthly Climate Summary November 2024

NWS Boulder



**NATIONAL WEATHER SERVICE**  
OCEANIC AND ATMOSPHERIC ADMINISTRATION

Issued: 12/2/2024



# Monthly Overview

November 2024

Deep Snow, the morning of Nov 9th in Southeast Aurora, CO.  
Photo courtesy of Sarah Gentile.



After 7 consecutive months of above normal temperatures and 6 consecutive month of below normal precipitation, November turned colder and wetter. The month started out mild and dry, however, a complex storm system affected the area from November 5th through November 9th with measurable snow recorded on "5" consecutive days at Denver. The official total at DIA was 20.0" for the 5 day period. The heaviest amounts fell across extreme eastern and southern Denver while lower amounts occurred over central and western parts of Denver. Overall for the month, 23.3" of snow fell which was the 4th highest amount on record for Denver.



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

National Weather Service  
Denver/Boulder, CO



# Monthly Temperature Data (November)

- Temperatures were below normal in Denver this month. Denver's mean temperature was 38.2°F, which is 1.2°F below normal.
- The highest temperature for the month was 71°F on the 23rd, and the lowest temperature was 13°F which occurred on the 28th.
- No temperature records were broken during the month.

Temperature	Observed	Normal	Departure
Average High	49.7	52.9	-3.2°F
Average Low	26.6	26.0	0.6°F
Average Mean	38.2	39.4	-1.2°F

## Temperature Records set this Month:

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





# Monthly Precipitation/Snowfall (November)

- Precipitation was 1.98" which was 1.34" above the normal November rainfall for Denver
- 23.3" of snow was observed, which is 16.0" above the normal November snowfall for Denver
- 0.85" of rain fell on the 8th which was a new record for the date. In addition 9.3" fell on the 8th which was a new daily snowfall record for the date.

Precipitation	Observed	Normal	Departure
Total Precipitation	1.98"	0.64"	<b>+1.34"</b>
# of Days w/ Measurable	10	4	<b>+6</b>

Snowfall	Observed	Normal	Departure
Total Snowfall	23.3"	7.3"	<b>+16.0"</b>

## Precipitation Records set this Month:

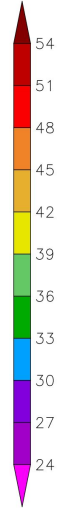
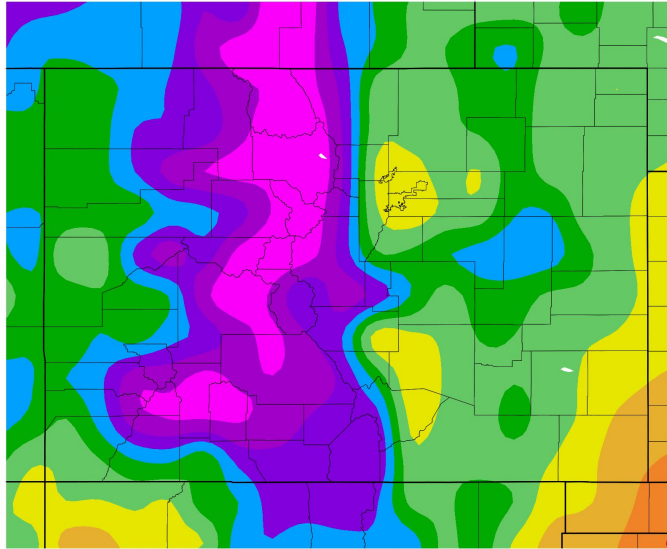
Date	Type	Observed	Previous Record (Year)
8th	Rain	0.85"	0.75" (1975)
8th	Snow	9.3"	7.8" (1950)



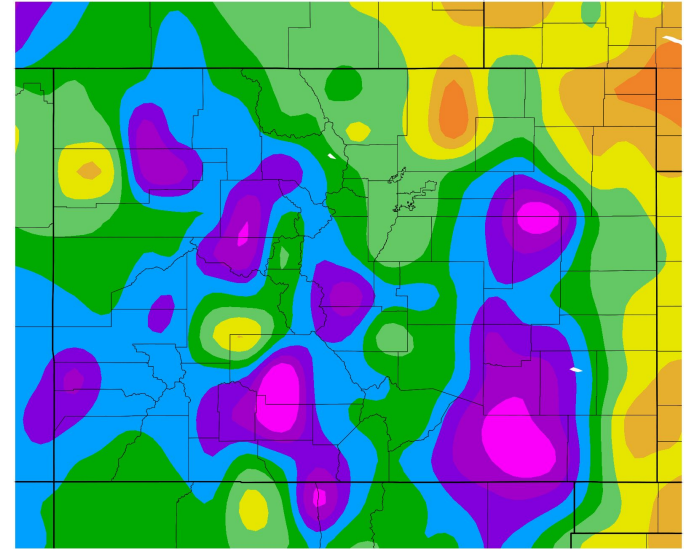


# Statewide Temperature November 2024

Temperature (F)  
11/1/2024 - 11/30/2024



Departure from Normal Temperature (F)  
11/1/2024 - 11/30/2024



Generated 12/1/2024 at HPRCC using provisional data.

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# Top 10 Hi/Low Temperature Years

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

## Top Ten Warmest

Rank	Temperature (°F)	Year(s)
1	50.9	1949
2	47.2	1999
3	46.3	2021
4	46.2	1933
	46.2	1914
6	45.9	1981
	45.9	1927
8	45.6	1910
	45.6	1901
10	45.5	1917

## Top Ten Coldest

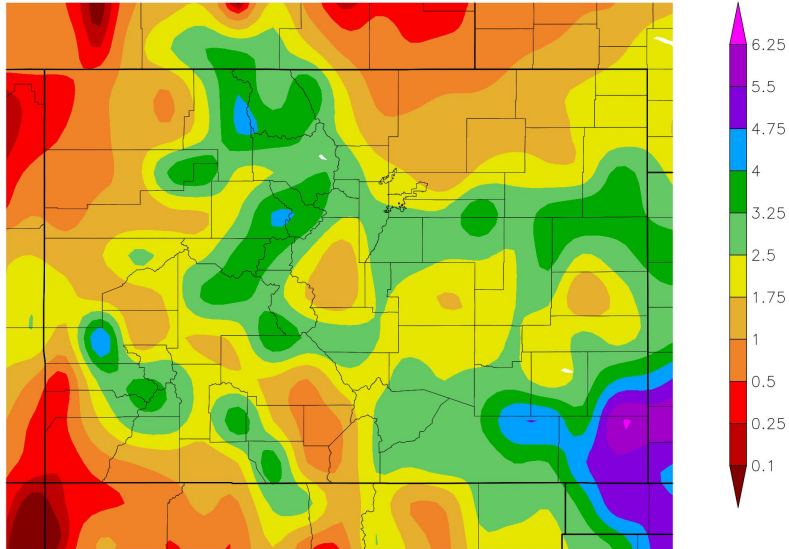
Rank	Temperature (°F)	Year(s)
1	22.0	1880
2	28.9	2000
3	29.7	1985
4	31.5	1929
5	32.3	1952
6	32.5	1889
7	32.8	1972
8	33.0	1886
9	33.1	1872
10	33.3	1979





# Statewide Precipitation November 2024

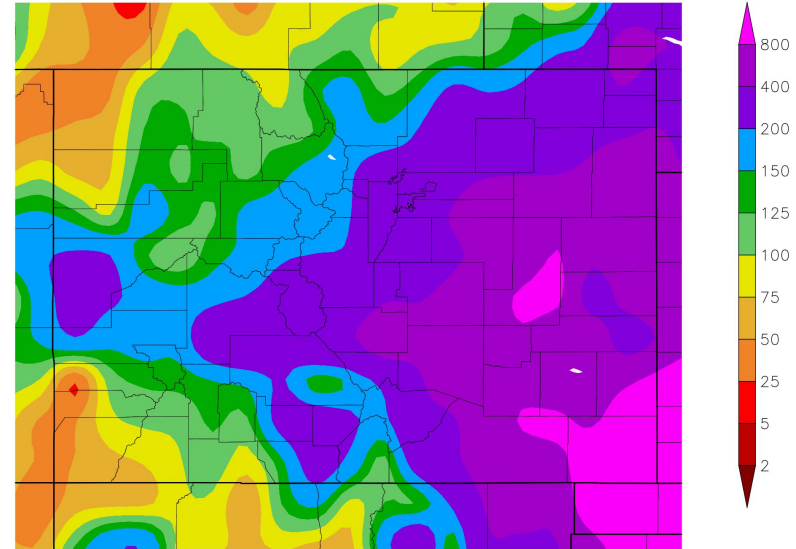
Precipitation (in)  
11/1/2024 - 11/30/2024



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Percent of Normal Precipitation (%)  
11/1/2024 - 11/30/2024



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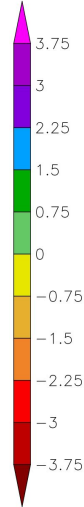
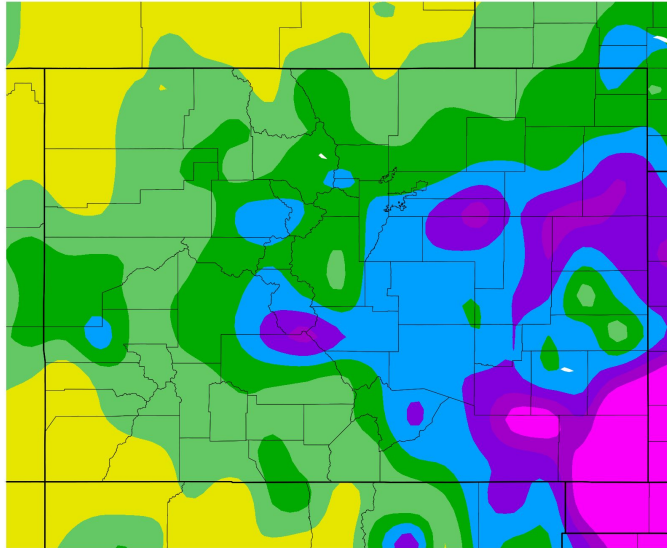
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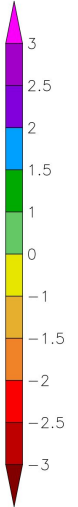
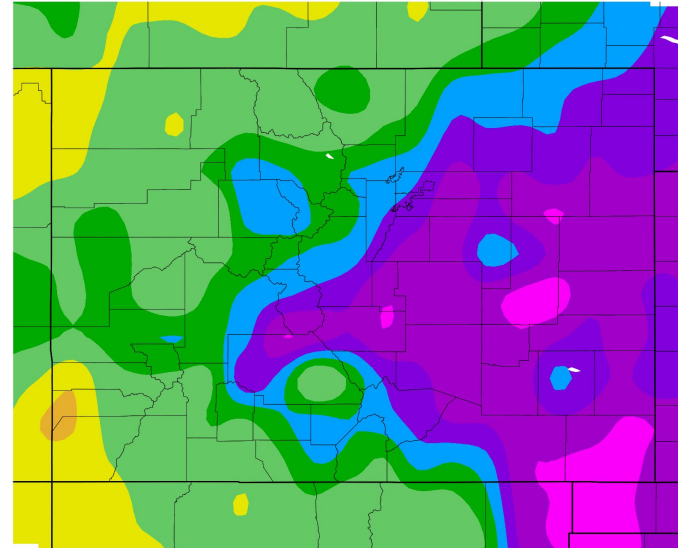


# Statewide Precipitation November 2024

Departure from Normal Precipitation (in)  
11/1/2024 – 11/30/2024



Monthly SPI  
11/1/2024 – 11/30/2024



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# Top 10 Hi/Low Precipitation Years

Precipitation during the month of November (Records since 1872)

## Top Ten **Wettest**

Rank	Precipitation (in.)	Year(s)
1	3.21"	1946
2	2.67"	1991
3	2.63"	1983
4	2.13"	2015
5	<b>1.98</b>	<b>2024</b>
6	1.95"	1922
7	1.93"	1886
8	1.88"	1975
9	1.74"	1908
10	1.69"	1972

## Top Ten **Driest**

Rank	Precipitation (in.)	Year(s)
1	T	1949
	T	1901
	T	1899
4	0.01"	1939
5	0.03"	1917
6	0.04"	1905
	0.04"	1904
8	0.05"	2003
9	0.07"	2021
	0.07"	1903





# Top 10 Hi/Low Snowfall Years

Snowfall during the month of November (Records since 1882)

## Top Ten Snowiest

Rank	Snowfall (in.)	Year(s)
1	42.6"	1946
2	29.6"	1991
3	29.3"	1983
4	<b>23.3"</b>	<b>2024</b>
5	23.1"	1929
	23.1"	1928
7	22.9"	1908
8	22.3"	1979
9	21.3"	1956
10	20.1"	1992

## Top Ten Least Snowiest

Rank	Precipitation (in.)	Year(s)
1	0.0"	1949
2	T	2021
	T	2017
	T	2005
	T	1939
	T	1917
	T	1905
	T	1901
	T	1899
	T	1884

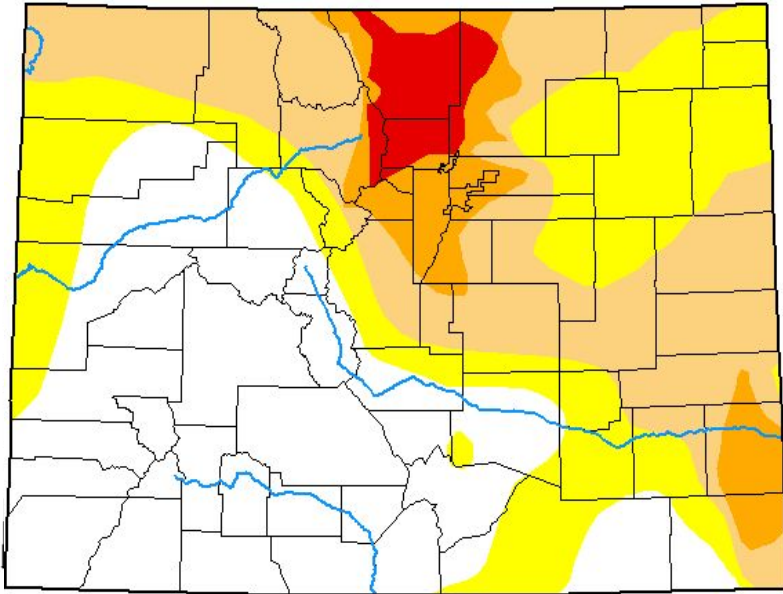




# Drought Conditions Colorado

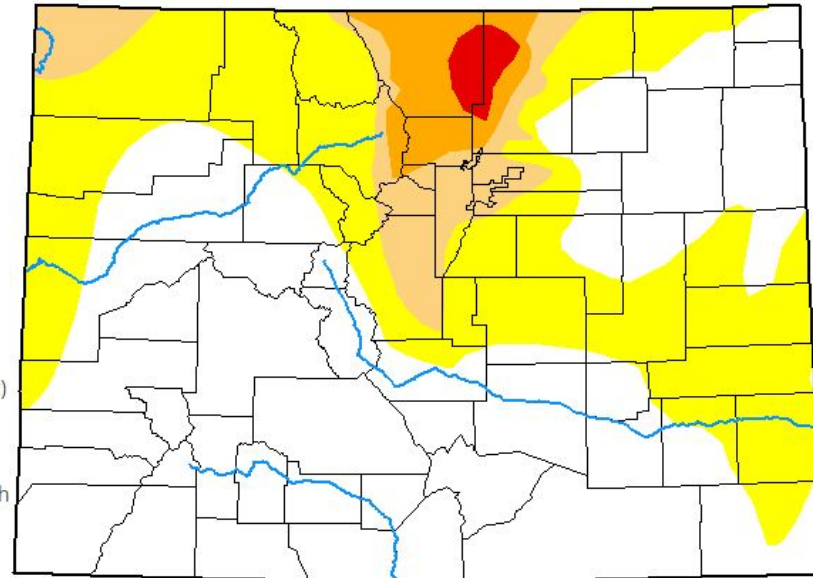
October 29, 2024

November 26, 2024



## Intensity

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



Drought conditions improved across most of North Central and Northeastern Colorado. As of November 26th, the worst conditions stretched from the Northern Foothills into the Northern Front Range Urban Corridor.





# Very Heavy Snow from November 5th through November 9th



Horse viewing the deep snow near Kiowa, CO.  
Photo courtesy of Veronica Selz



Heavy snow, morning of November 9th  
Photo courtesy of Jeanne Sharpe



Large equipment assisting with recovering a semi-truck.  
Photo courtesy of Elbert County OEM.

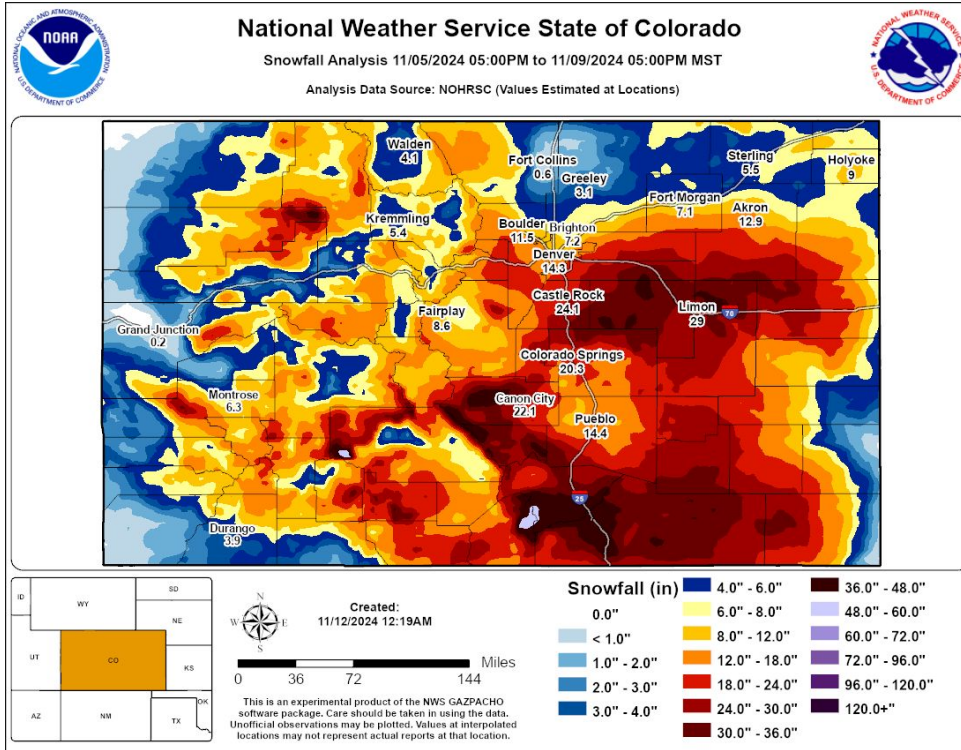


Deep snow in Elbert, CO. Photo courtesy of Elbert County OEM.





# Snowfall Analysis from November 5th through November 9th



Snowfall amounts across eastern portions of Elbert and northern Lincoln counties exceeded 40 inches in some areas.

