

.....January 2023 Climate Summary for the Denver Area.....



**Rime Iced Tree in Frederick, CO.
Photo taken by Scott Entrekin**

January 2023 brought an extension of the cold and snowy weather observed at the end of 2022. This makes January the 3rd consecutive month with below normal temperatures and above normal snowfall. During the month, a series of Pacific storm systems moved across Colorado bringing periods of snow to North Central and Northeastern Colorado. Light snow fell across the area the first 3 days of the month with below normal temperatures during the first week. Dry and warmer weather set in from the 8th through the 16th as upper level high pressure dominated the Rocky Mountain Region. The weather turned colder and wetter on the 17th as a moist Pacific storm system moved across the state. Much of the Front Range Urban Corridor, Palmer Divide and Northeastern Plains received heavy wet snow from the 17th through the 18th with 9.2 inches of snowfall and 0.87 inches of precipitation measured at Denver International Airport. Cold unsettled weather continued through the end of the month with Denver experiencing another round of frigid temperatures and light snow the last few days of the month due to the passage of an Arctic cold front.

TEMPERATURES :

January in Denver typically ranks as the 2nd coldest month of the year with only December averaging colder conditions during the official NCEI 1991-2020 period. The average temperature at Denver International Airport for the month of January was 25.0 degrees F, which is 6.7 degrees below the normal of 31.7 degrees. Despite the cold weather, no daily high or low temperature records were set during the month. The warmest temperature of the month was 59 degrees F occurred on the 14th with the coldest temperature of -10 degrees F on the morning of the 30th.

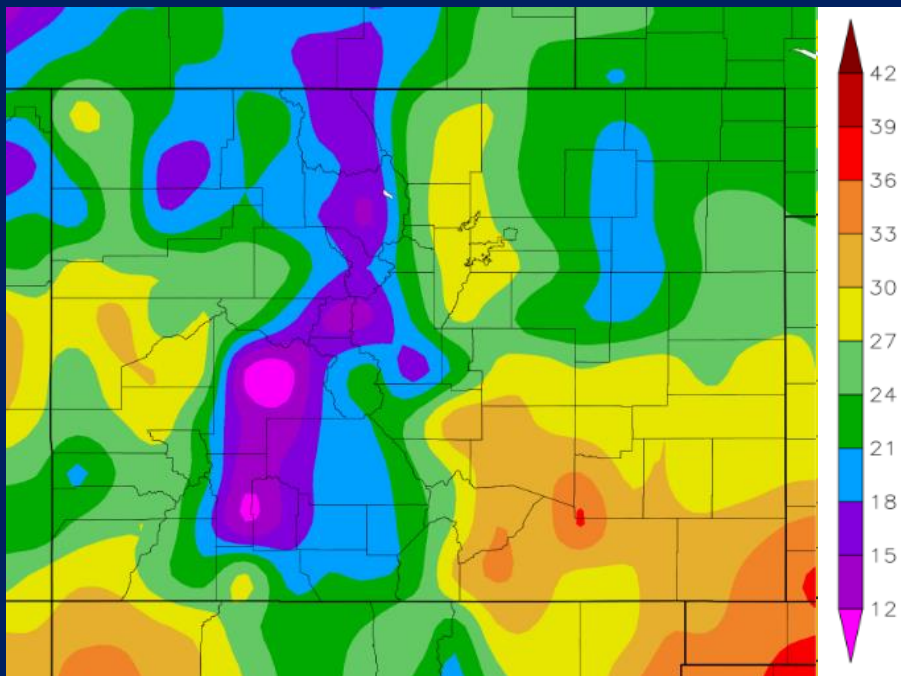
TEN WARMEST JANUARY AVERAGE TEMPERATURES IN DENVER WEATHER HISTORY
SINCE 1872: DEGREES F

- 40.3 – 1986
- 40.1 – 1934
- 39.6 – 1953
- 39.4 – 1935
- 38.3 - 1893
- 38.2 – 1911
- 37.9 – 1923
- 37.4 – 2006
- 37.3 - 1981, 1896

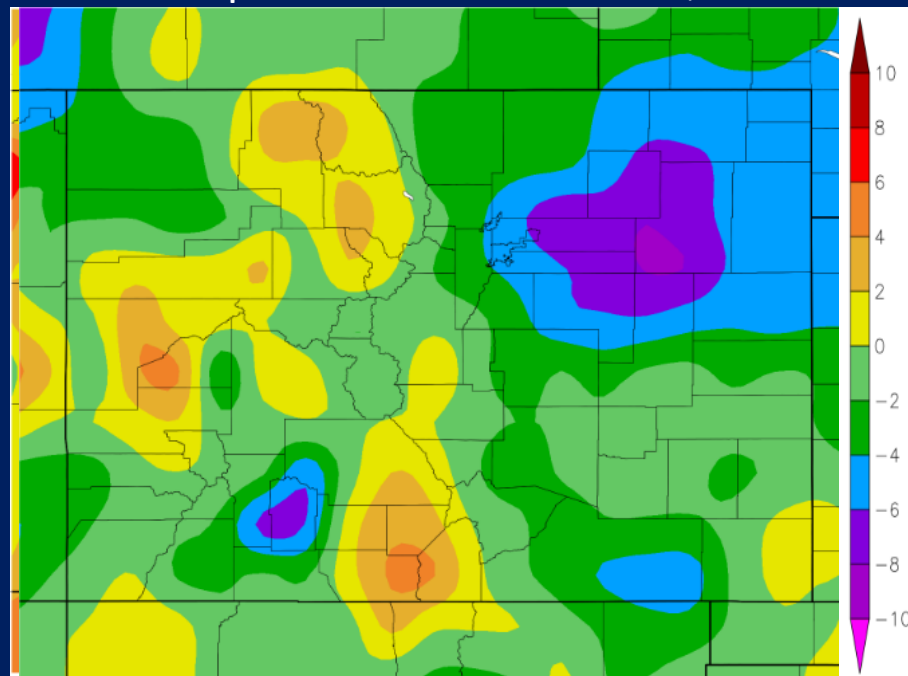
TEN COLDEST JANUARY AVERAGE TEMPERATURES IN DENVER WEATHER HISTORY
SINCE 1872: DEGREES F

- 16.8 - 1930 *** COLDEST MONTH IN DENVER`S HISTORY
- 18.0 – 1979
- 18.1 – 1875
- 18.2 – 1937
- 19.1 – 1963
- 19.4 – 1949
- 19.5 – 1962
- 20.8 – 2007
- 21.7 – 1886
- 22.8 – 1916

Average Temperature
January 2023 (°F)



January 2023 Temperature
Departure from Normal (°F)



Graphics generated by HPRCC using provisional data

PRECIPITATION:

January in Denver typically ranks as the 2nd driest month of the year with only December averaging drier conditions over the official NCEI 1991-2020 period. Denver received 1.25 inches of precipitation in January 2023, which is the 8th wettest January in Denver Weather History going all the way back to 1872. This is 0.87 inches above the normal of 0.38 inches. The highest daily precipitation amount of 0.44 inches was measured on the 18th.

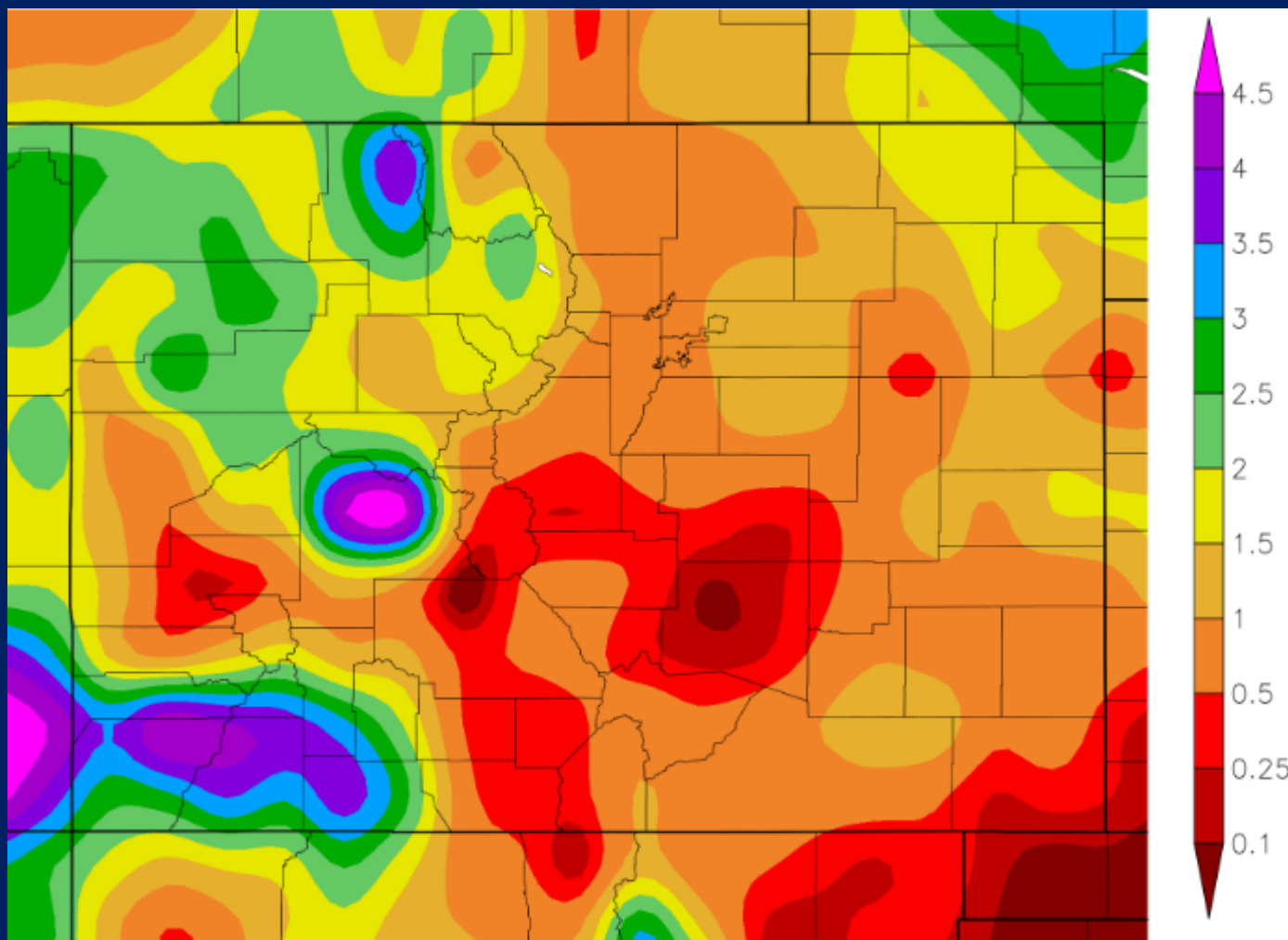
**TEN WETTEST JANUARY PRECIPITATION TOTALS IN DENVER WEATHER HISTORY
SINCE 1872: INCHES**

- 2.35 – 1883
- 1.90 – 1877
- 1.60 – 1891
- 1.46 – 1949
- 1.43 – 1948
- 1.33 – 1962
- 1.31 – 1973
- 1.25 -- 2023
- 1.24 – 1959
- 1.19 – 1992

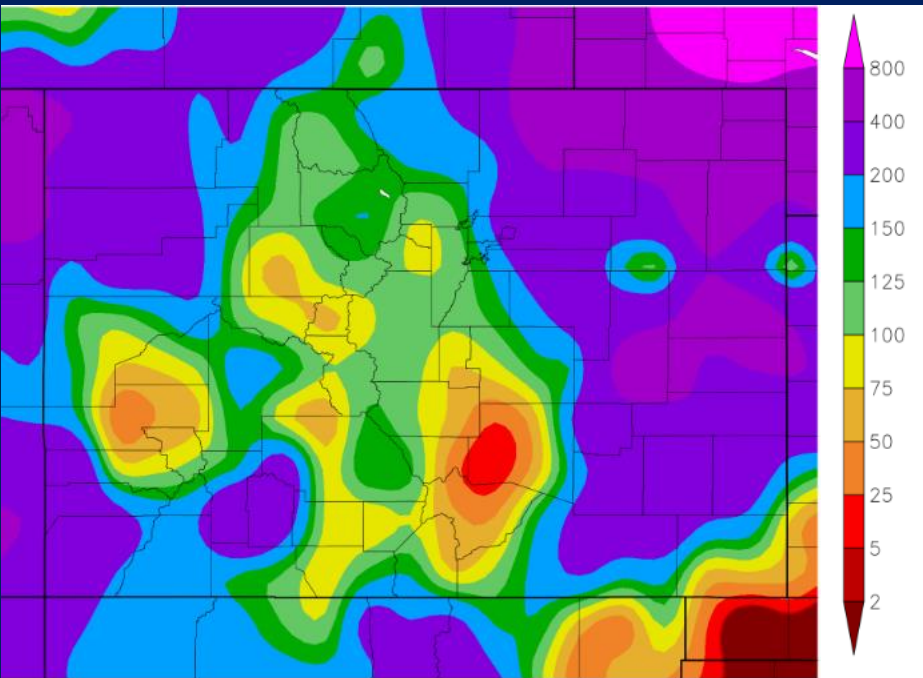
**ELEVEN DRIEST JANUARY PRECIPITATION TOTALS IN DENVER WEATHER HISTORY
SINCE 1872: INCHES**

- 0.01 - 1952, 1934, 1933
- 0.02 - 1931 0.03 - 2003, 1935, 1914
- 0.04 - 1904 0.05 - 1998, 1901, 1893

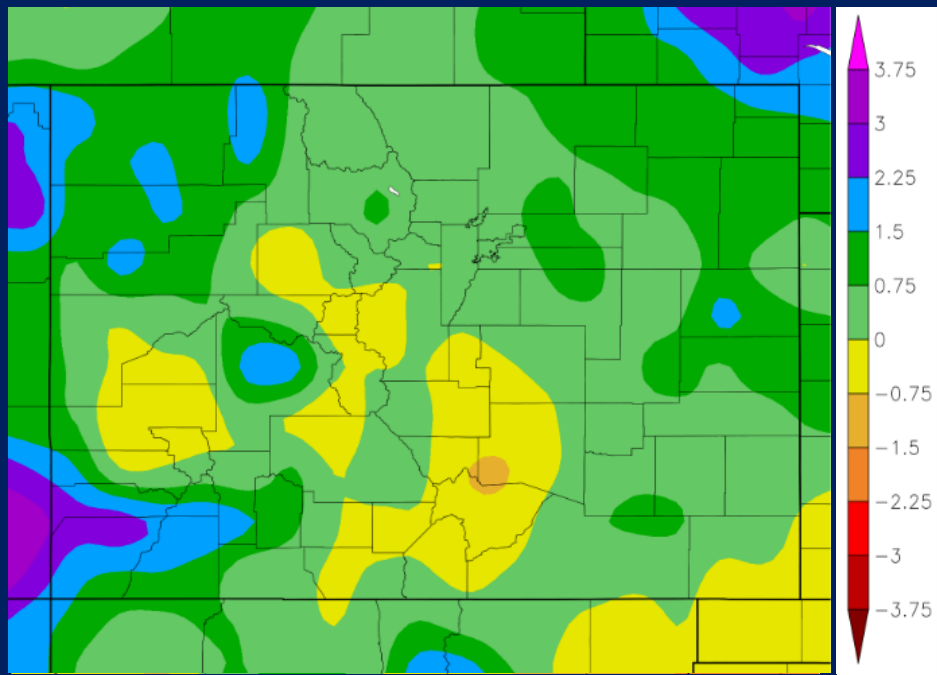
January 2023 Precipitation (Inches)



Percent of normal Precipitation (%)
January 2023



Departure from Normal
Precipitation 2023 (Inches)



Graphics generated by HPRCC using provisional data

SNOWFALL:

13.0 inches of snow was measured in the month of January. This is 6.6 inches above the normal of 6.4 inches. The greatest daily snowfall occurred on the 17th when 4.8 inches was measured.

**TEN SNOWIEST JANUARYS IN DENVER WEATHER HISTORY
SINCE 1872: INCHES**

- 24.3 – 1992
- 22.2 – 1949
- 20.5 – 1883
- 19.2 - 1948
- 17.4 – 1959
- 17.2 - 1962
- 17.0 - 1987, 1891
- 15.9 – 2007
- 15.7 – 1951

**ELEVEN LEAST SNOWIEST JANUARYS IN DENVER WEATHER HISTORY
SINCE 1872: INCHES**

- TRACE - 2003, 1934
- 0.1 – 1931
 - 0.2 – 1933
 - 0.3 – 1952
 - 0.4 – 1914
 - 0.8 – 1935
 - 0.9 - 2020, 1970
 - 1.0 - 1961, 1893

There were no days in which thunder was observed at Denver International Airport, and 7 days with dense fog with a visibility at or below 1/4 mile during the month. A peak wind gust of 40 mph from the north-northwest was recorded on the 18th