

.....February 2022 Climate Summary for the Denver Area.....



An upper level trough of low pressure dominated the Central and Eastern U.S. much of the month with a persistent northwesterly flow aloft over Colorado. This pattern allowed occasional upper level storm systems and associated Canadian cold fronts to move across Northeastern Colorado through the month. As a result, Denver experienced below normal temperatures and above normal precipitation for the month.

TEMPERATURES:

The average temperature at Denver International Airport for the month of February was 29.1 degrees F which is 3.6 degrees below the normal of 32.7 degrees. There were eight days during the month in which the max temperature did not exceed 32 degrees and three days when the temperature fell below zero. The warmest temperature of 65 degrees F occurred on the 28th with the coldest temperature of -11 degrees F on the 3rd. An Arctic air mass brought record cold temperatures to Denver on the 23rd and 24th. The high temperature on the 22nd only reached 8 degrees which set a new Record Low Max record for the date, breaking the old record of 13 degrees set back in 1913. On the morning of the 23rd, the mercury plummeted to -7 degrees setting a record low for the date. This breaks the old record of -4 degrees set way back in 1899.

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

43.7 – 1954
42.3 - 1930
41.0 – 1925
40.7 – 1957
40.5 – 1943
40.3 - 2017, 1991, 1907
40.1 - 1992, 1904

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

17.7 – 1899
21.8 – 1913
22.2 – 1883
22.3 – 1989
22.7 – 1903
23.6 – 1929
24.1 – 1942
24.8 – 1960
24.9 – 1894
25.2 - 1905

PRECIPITATION:

Denver received 0.94 inches of precipitation during the month. This is 0.53 inches above the average of 0.41 inches. The highest daily precipitation amount of 0.24 inches was measured both on the 11th and the 16th. February in Denver typically ranks As the 3rd driest month of the year with only December and January averaging drier conditions over the official NCEI 1991-2020 period.

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

- 2.01 – 1934
- 1.66 – 1960
- 1.44 – 1942
- 1.39 – 1953
- 1.35 – 1909
- 1.34 – 1912
- 1.31 – 1959
- 1.28 - 1966, 1939
- 1.27 – 1965

TEN DRIEST FEBRUARY PRECIPITATION TOTALS IN DENVER WEATHER HISTORY SINCE 1872: INCHES

- 0.01 – 1970
- 0.02 – 2005
- 0.03 – 1916
- 0.04 - 2009, 1954, 1925, 1908
- 0.06 - 1906, 1901
- 0.07 - 1983

SNOWFALL:

15.8 inches of snow fell during February 2022 which is 8.2 inches above the average of 7.6 inches.

TWELVE SNOWIEST FEBRUARYS IN DENVER WEATHER HISTORY SINCE 1872: INCHES

22.4 – 2015
22.1 – 1912
20.2 – 2012
19.5 – 1942
18.3 - 1960, 1909
18.0 – 1931
17.5 – 1959
17.1 – 1965
16.9 – 1993
16.5 - 2020, 1953

TEN LEAST SNOWIEST FEBRUARYS IN DENVER WEATHER HISTORY SINCE 1872: INCHES

TRACE – 2009
0.1 – 1992
0.2 – 1970
0.3 – 1954
0.4 – 1925
0.5 – 2005
0.8 – 1991
0.9 – 1983
1.0 - 1943, 1908

No thunder was observed at Denver International Airport in February 2022. There were 13 days in which fog was detected and 2 of those days experiencing dense fog with visibility restricted to below $\frac{1}{4}$ mile. A peak wind of 37 mph from the west northwest was recorded on the 11th.



A fresh layer of new snow blankets the Flatiron's February 23rd 2022



A few Snow Statistics for Denver in 2022

February 27, 2022
12:58 PM

14th Snowiest February, since 1882, with 15.8" | Tied with 1987, for 4th Snowiest, Jan-Feb combined at 29.2", since 1882

Top 15 Snowiest February's (1882-Present)

Rank	Total Snow	Year
1	22.4	2015
2	22.1	1912
3	20.2	2012
4	19.5	1942
5	18.3	1960
	18.3	1909
7	18.0	1931
8	17.5	1959
9	17.1	1965
10	16.9	1993
11	16.5	2020
	16.5	1953
13	16.3	1939
14	15.8	2022
15	15.7	1913



Top 15 Snowiest Jan-Feb's (1882-Present)

Rank	Total Snow	Year
1	34.9	1959
2	30.3	1965
3	29.6	2015
4	29.2	2022
	29.2	1987
6	29.0	1960
7	28.5	1962
8	27.2	1942
9	26.6	1948
10	26.2	1951
11	25.9	1939
12	25.1	2012
13	25.0	1883
14	24.6	1992
15	24.5	1912



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

National Weather Service
Denver, CO