



Early October fall Colors in Boulder

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

Denver experienced warmer and drier than normal conditions this October as upper level high pressure dominated the region for much of the month. Eighteen out of the first 25 days had above normal temperatures with only 0.01 inches of precipitation measured during this period. Snow and much colder temperatures moved into North Central and Northeastern Colorado on the 28th as a large upper level trough of low pressure and associated strong cold front moved across the state. Three to twelve inches of snow fell across North Central & Northeastern Colorado from the 28th through the 29th, with the heaviest amounts over Southern Metro Denver, the Southern Foothills and portions of the North Central Mountains and Palmer Divide. The official snowfall measurement at Denver International Airport was 7.5 inches. The month ended with dry weather and below normal temperatures.

TEMPERATURES:

The average temperature at Denver International Airport for the month of October was 52.5 degrees F, which is 1.4 degrees above normal. There were no days in which the temperature reached or exceeded the exceeded the 90 degree mark and 8 days with a minimum temperatures at or below 32 degrees. The highest temperature of 86 degrees occurred on the 1st and the 20th with the coldest temperature of 11 degrees on the morning of the 30th.

TWELVE WARMEST OCTOBER AVERAGE TEMPERATURES IN DENVER WEATHER HISTORY SINCE 1872: DEGREES F

59.9 - 1950
57.9 - 1963, 1934
57.8 - 2016
57.4 - 1933
57.0 - 1947
56.5 - 2015
56.3 - 1875
55.9 - 1956, 1940, 1938, 1921

ELEVEN COLDEST OCTOBER AVERAGE TEMPERATURES IN DENVER WEATHER HISTORY SINCE 1872: DEGREES F

38.9 - 1969
42.9 - 2009
43.3 - 1925
43.7 - 2019
44.0 - 2002
44.3 - 1923
44.7 - 1984
45.9 - 1970
46.3 - 1877
46.5 - 1919, 1913

PRECIPITATION:

Denver measured only 0.52 inches of precipitation in October 2023, which is 0.47 inches below the normal of 0.99 inches. The highest daily precipitation amount of 0.39 inches was measured on the 28th.

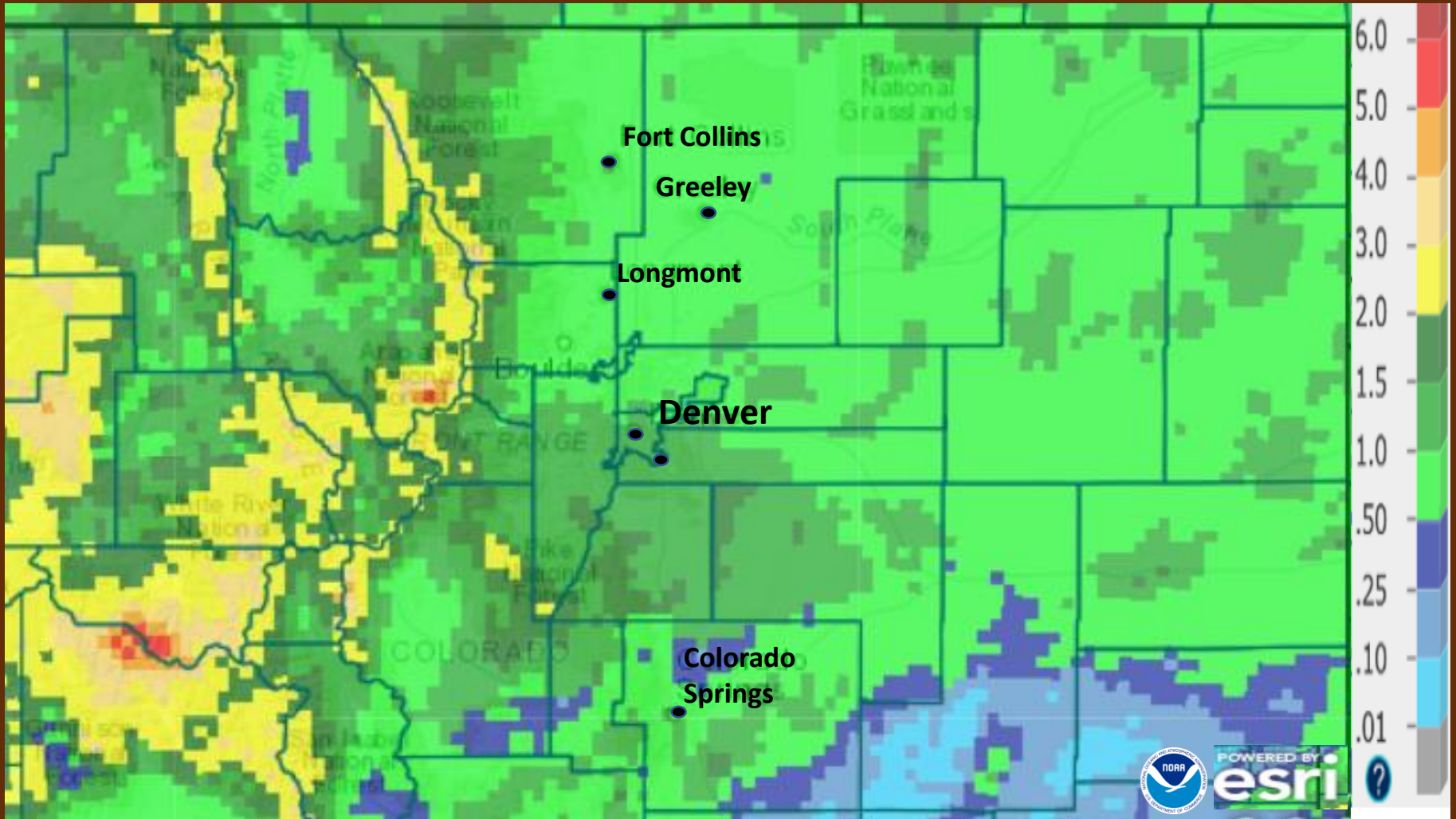
ELEVEN WETTEST OCTOBER PRECIPITATION TOTALS IN DENVER WEATHER HISTORY SINCE 1872: INCHES

4.17 - 1969
3.92 - 1892
3.72 - 1942
3.50 - 1923
3.47 - 1984
3.05 - 1914
3.03 - 2007
2.84 - 1947
2.62 - 1957
2.46 - 1960, 1959

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

T - 1934
0.01 - 1933
0.05 - 1962, 1944
0.06 - 1988, 1954, 1948
0.08 - 2021, 2003, 2001

October 2023 Precipitation (Inches)



Graphics generated by AHPS

SNOWFALL :

7.5 inches of snow was measured during the month of October, which is 3.6 inches above normal. All of this snow fell from the 28th into the 29th.

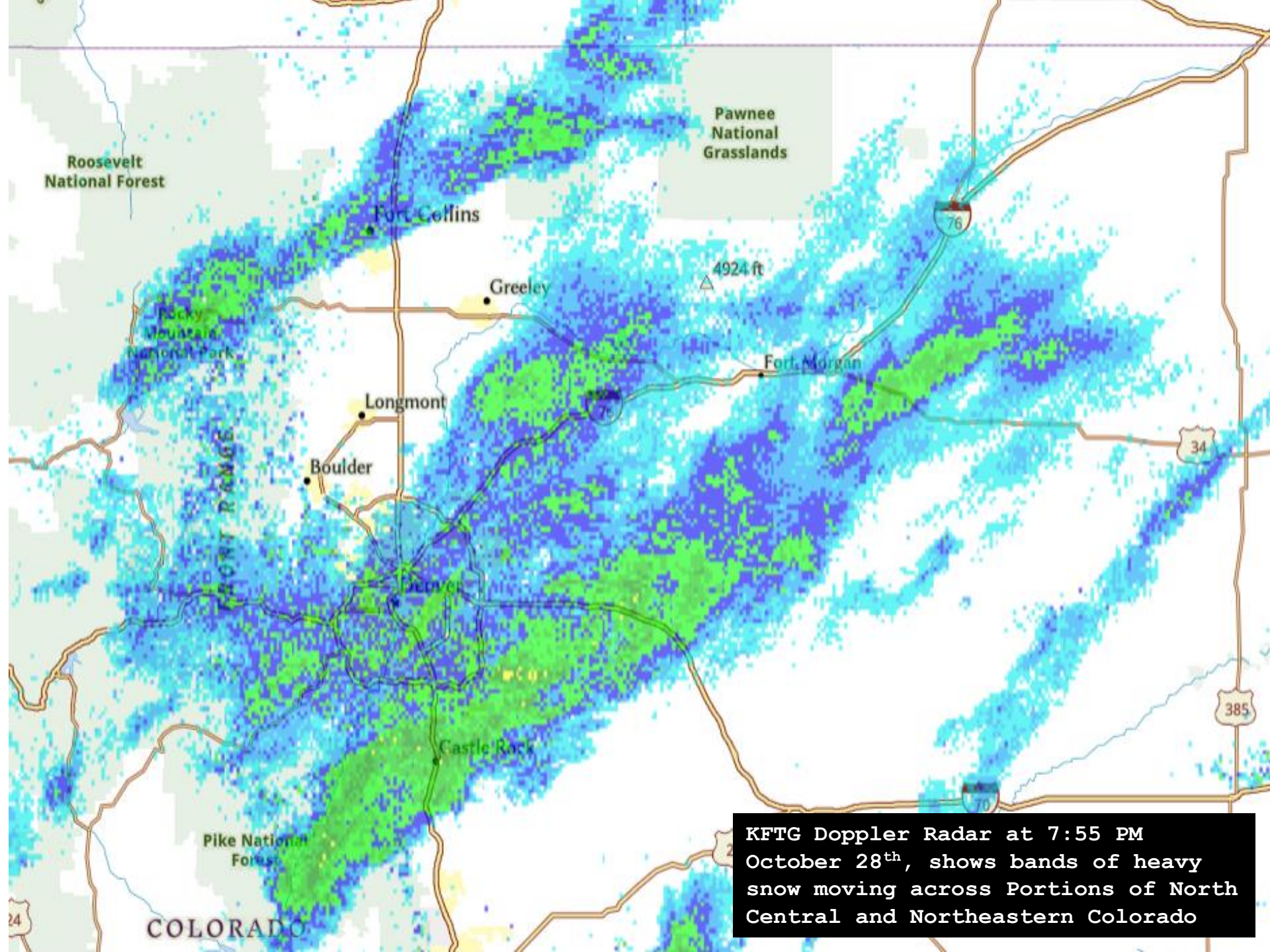
FIFTEEN SNOWIEST OCTOBERS IN DENVER WEATHER HISTORY SINCE 1872: INCHES

31.2 - 1969
22.7 - 1906
22.1 - 1997
17.8 - 1923
17.2 - 2009
16.4 - 1897
16.2 - 1929
14.0 - 1889
13.8 - 1905
13.6 - 1908
13.1 - 1984
12.5 - 2019
11.8 - 1959
11.7 - 1917
10.6 - 1942

TWENTY-TWO LEAST SNOWIEST OCTOBERS IN DENVER WEATHER HISTORY SINCE 1872: INCHES

0.0 - 2016, 2015, 2014, 2010, 2003, 1998, 1988, 1965, 1962, 1950,
1944, 1940, 1934, 1933, 1924, 1907, 1894, 1888, 1886
Trace 2022, 2021, 2008

There were 4 days in which thunder was observed at Denver International Airport, and 4 days with dense fog with a visibility at or below 1/4 mile during the month. A peak wind gust of 51 mph from the north was recorded on the 12th.



KFTG Doppler Radar at 7:55 PM October 28th, shows bands of heavy snow moving across Portions of North Central and Northeastern Colorado

Heavy snow falling near the David Skaggs Research Center in Boulder on the evening of October 28th



Max 1 day snowfall total (October 28th) Denver Area (ThreadEx)

Rank	Value	Ending Date
1	6.1	2009-10-28
2	6.0	1917-10-28
3	5.8	1913-10-28
4	5.3	2023-10-28
5	4.4	1991-10-28
6	3.9	1993-10-28
7	2.0	2019-10-28
8	1.3	1971-10-28
9	1.0	1905-10-28
10	0.8	1936-10-28
Period of record: 1874-02-01 to 2023-10-30		

Max 2 day snowfall total (October 28th-29th) Denver Area (ThreadEx)

Rank	Value	Ending Date	Missing Days
1	13.3	2009-10-29	0
2	9.0	1929-10-29	0
3	8.6	2019-10-29	0
4	8.0	1889-10-29	0
5	7.5	2023-10-29	0
6	6.5	1917-10-29	0
7	6.0	1961-10-29	0
8	5.8	1913-10-29	0
9	5.6	1939-10-29	0
10	5.4	1993-10-29	0

Last value also occurred in one or more previous years.

Period of record: 1874-02-01 to 2023-10-30