

.....January 2021 Climate Summary for the Denver Area.....

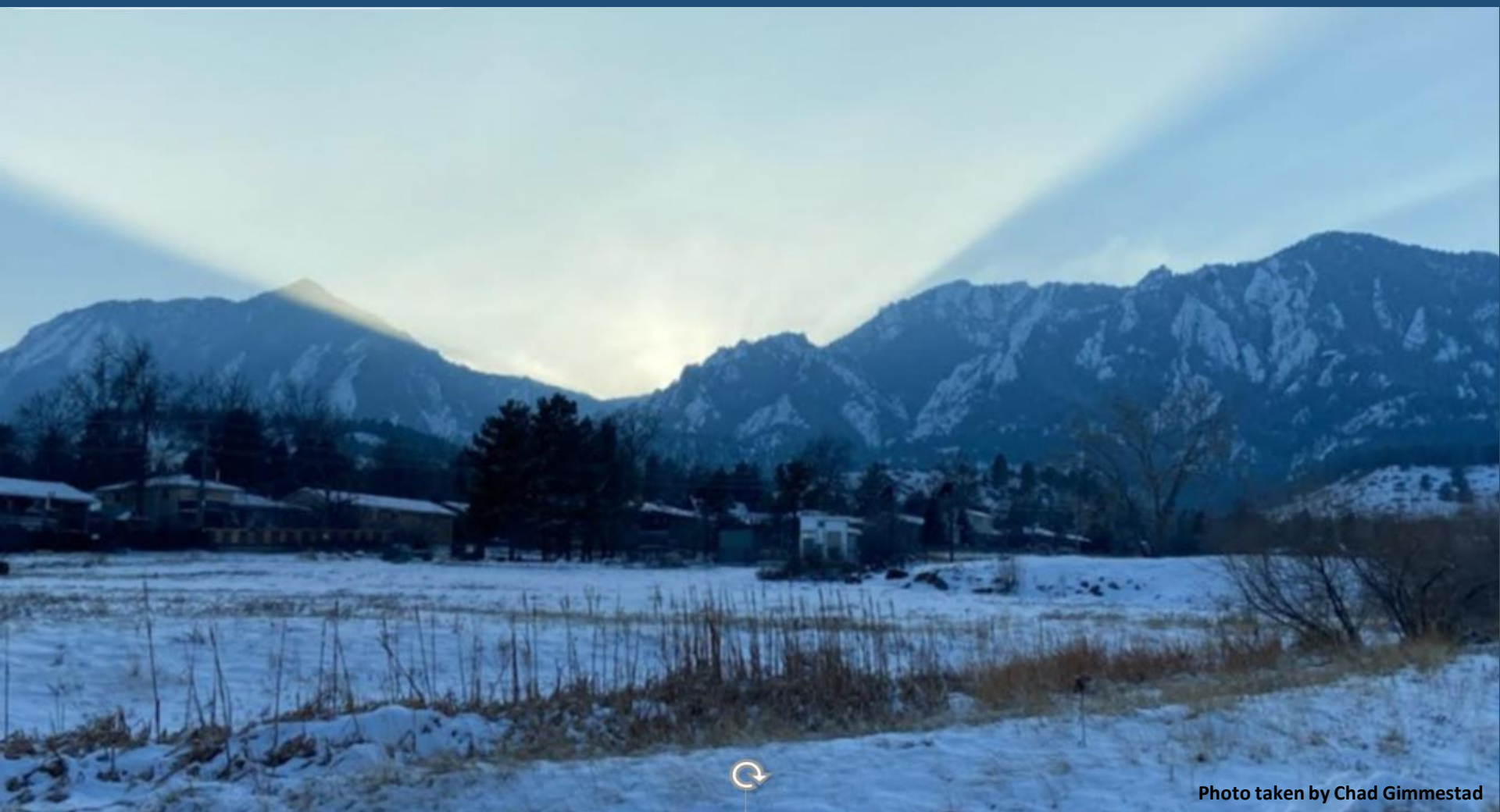


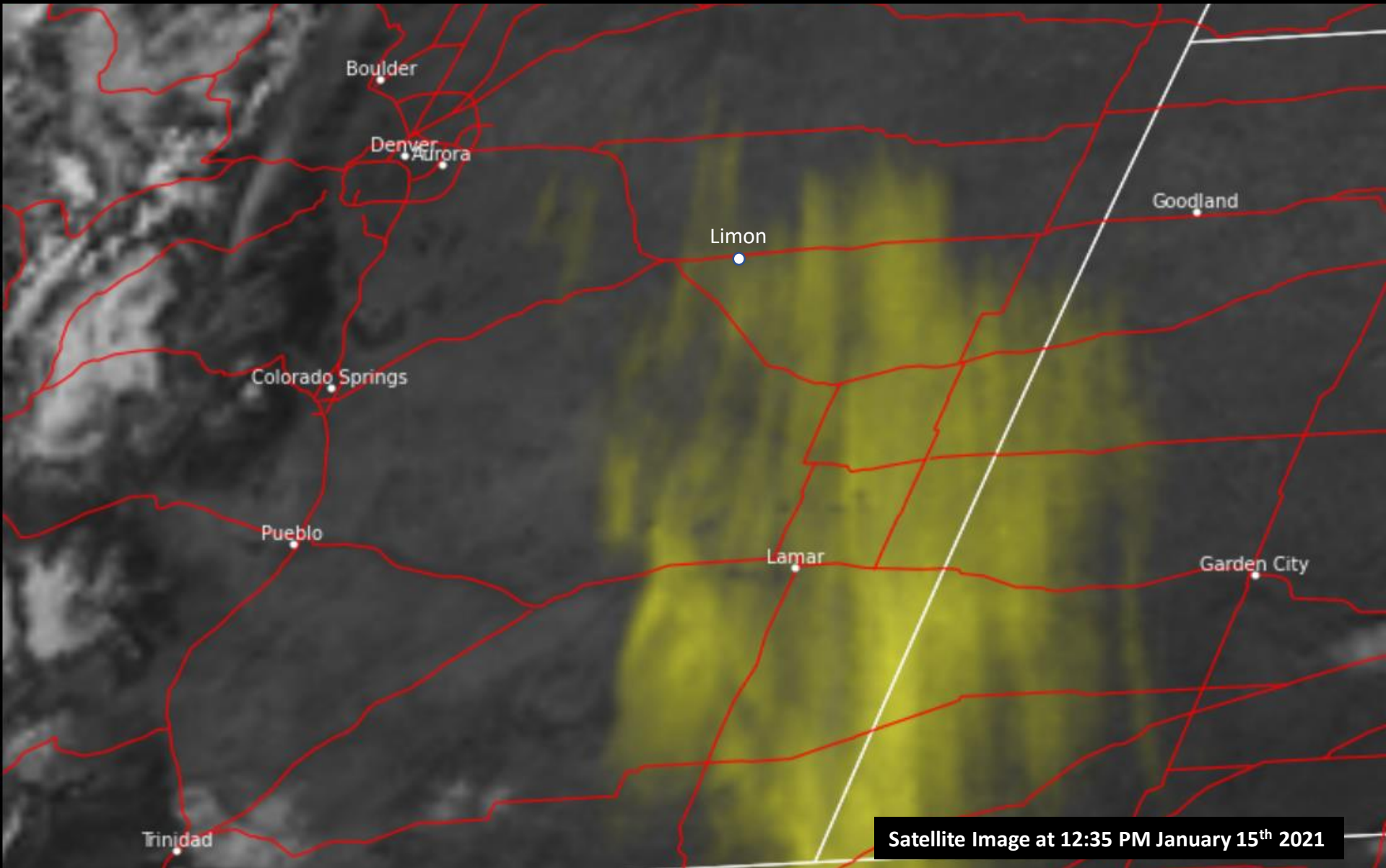
Photo taken by Chad Gimmestad

January was an uneventful month with above normal temperatures and slightly below normal precipitation. Most of the storm systems which moved across the Rocky Mountain Region either stayed to the north or south of Denver. As a result, the majority of the days were dry and mild with only a few cold days with light snowfall. Only three storm systems impacted the Front Range Urban Corridor during the month. Two of the systems brought much colder temperatures and light snow to Denver on the 9th and the 26th. The other system produced windy conditions across much of North Central and Northeastern Colorado from the evening of the 12th through the 15th. Wind gusts of 58 mph were recorded at the official observation site at Denver International Airport on the 13th and 14th.

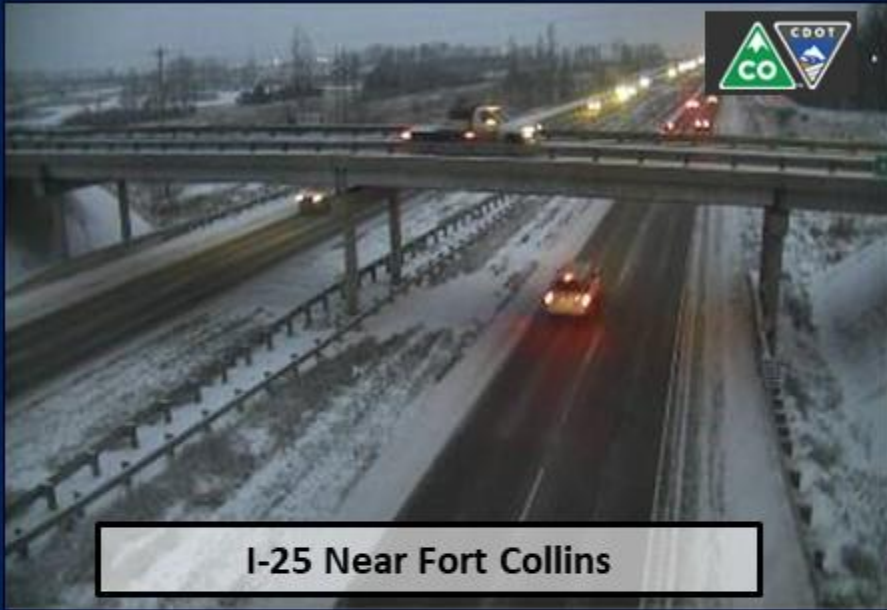
Light snow produced slick roads across the Front Range Urban Corridor on the evening of December 9th



A powerful Jetstream moving over Colorado produced strong winds Across the mountains, foothills and plains from the evening of the 11th through the afternoon of the 15th. The strongest wind of 99 mph was recorded in Glen Haven which is in the foothills of Larimer County on the morning of the 14th. On the afternoon of January 15th, the strong winds caused an area of blowing dust across the eastern plains east and southeast of Denver. The visibility was reduced to near zero at times in some locations. The yellow in this satellite image indicates where the the blowing dust occurred



Light snow produced slick roads across the Front Range Urban Corridor on the evening of December 26th



I-25 Near Fort Collins



Downtown Denver I-25 and Alameda



US-36 near Broomfield



I-25 S of Castle Rock

TEMPERATURES :

January in Denver typically ranks as the 2nd coldest month of the year with only December averaging colder conditions during the official NCEI 1981-2010 period. The average temperature at Denver International Airport for the month of January was 33.9. degrees F, which is 3.2 degrees above the normal of 30.7 degrees. No daily high or low temperature records were set during the month. The warmest temperature of the month was 63 degrees occurred on the 13th with the coldest temperature of 2 degrees on the morning of the 27th.

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

PRECIPITATION:

January in Denver typically ranks as the 3rd driest month of the year with December and February averaging drier conditions over the official NCEI 1981-2010 period. Denver received 0.22 inches of precipitation in January 2021. This is 0.19 inches below the normal of 0.41 inches. The highest daily precipitation amount of 0.16 inches was measured on the 9th.

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
- 1.24 – 1959
- 1.19 – 1992
- 1.14 - 1989

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

SNOWFALL:

3.1 inches of snow was measured in the month of January. This is 3.9 inches below the normal of 7.0 inches. The greatest daily snowfall occurred on the 9th when 1.9 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 2 days with dense fog with a visibility at or below 1/4 mile during the month. A peak wind gust of 58 mph from the west was recorded on the 13th and 14th.