

Colorado State University, Fort Collins, CO Weather Station Monthly Summary Report

Month: November
Year: 2019



Temperature:

Mean T_{\max} was 50.6°F which is 0.8° below the 1981-2010 normal for the month. This is the 54th coldest in the 131-year record (1889-2019). The last November this cold or colder was 2014 with 49.7°F.

Mean T_{\min} was 25.0°F which is 0.9° below the 1981-2010 normal for the month. This is the 86th coldest in the 131-year record (1889-2019), tied with 1915, 1963, 1986, and 2002. The last November this cold or colder was 2014 with 22.1°F.

Mean T_{mean} was 37.8°F which is 0.9° below the 1981-2010 the normal for the month. This is the 68th coldest in the 131-year record (1889-2019), tied with 1900, 1942, and 2010. The last November this cold or colder was 2014 with 35.9°F.

Fall (September – November) mean temperature was 49.5°F which is 0.7°F below the 1981-2010 normal for the season. This ranks as the 78th coldest fall in the 131-year record (1889-2019). The last fall this cold or colder was 2009 with 49.2°F

The maximum daily temperature for the month was 73°F and occurred on November 9, 2019.

The minimum daily temperature for the month was 2°F and occurred on November 27, 2019.

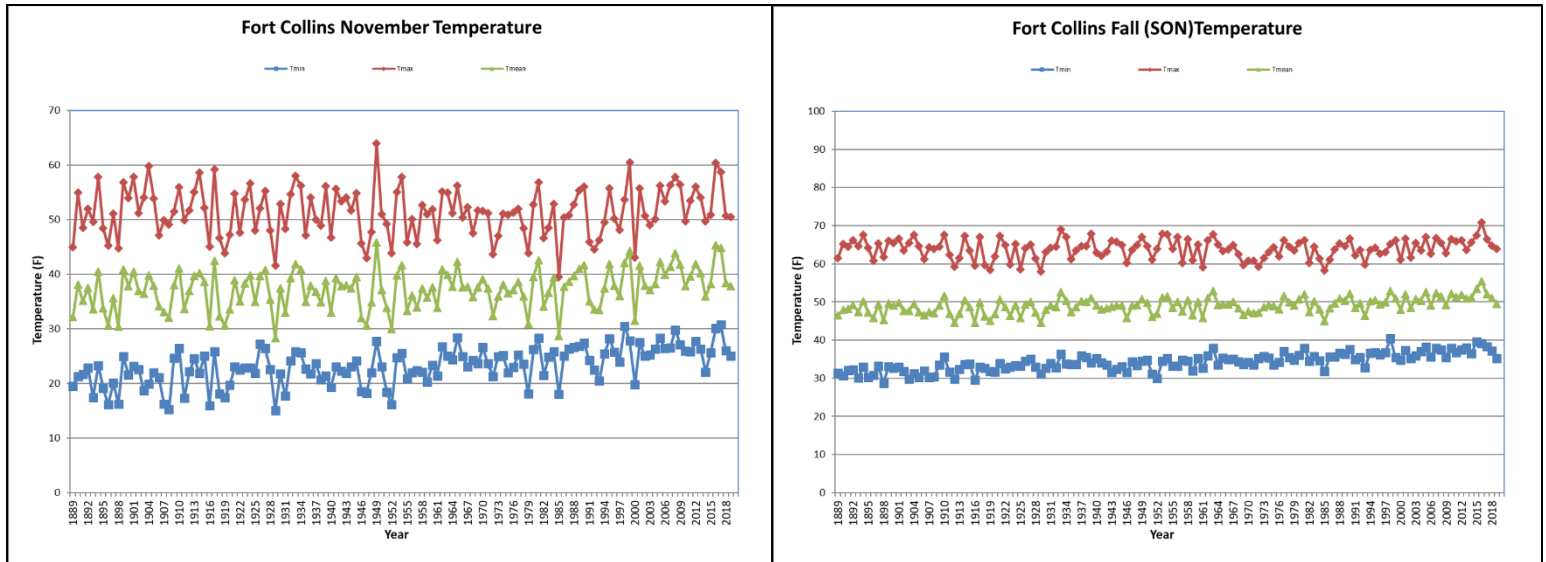


Figure 1: November (left) and Fall (right) temperature time series.

Misc. Temperature (record status, thresholds, etc.):

Maximum Daily Temperature Record:

November 9, 2019: The maximum temperature of 73°F broke the maximum temperature record for the day of 70°F set in 1914 and 2016.

Precipitation:

Total monthly precipitation was 1.79” which is 1.03” above the 1981-2010 normal for the month (236% of normal). This ranks as the 5th wettest in the 131-year record (1889-2019). The last November this wet or wetter was 1983 with 2.13” of precipitation.

Fall (September – November) precipitation totaled 3.44” which is 0.2” above the 1981-2010 normal for the season (106% of normal). This ranks as the 45th wettest in the 131-year record (1889-2019) tied with 1899. The last fall this wet or wetter was 2017 with 4.36”.

November snowfall totaled 21.7” which is 13.1” above the 1981-2010 normal for the month (252% of normal). This ranks as the 7th snowiest in the 131-year record (1889-2019). The last November with this much snow or more was 1992 with 23.7” of snowfall.

Seasonal snowfall for the 2020 season through November totaled 32.0” which is 18.9” above the 1981-2010 normal for the season (244% of normal). This ranks as the 3rd snowiest start to a snow season in the 131-year record (1890-2020). The snowiest season through November was 1980 with 34.2” and the second was 2010 with 32.6” of snowfall.

November had 8 days with measurable precipitation (≥ 0.01 ”) and 7 days with measurable snowfall (≥ 0.1 ”).

Year	November Precipitation
1973	2.29
1983	2.13
1979	2.00
1946	1.98
2019	1.79
1992	1.72
1987	1.61
2015	1.56
1986	1.53
1991	1.48

Table 1: Top 10 November precipitation totals.

Year	November Snowfall
1979	29.1
1983	28.1
1946	27.8
1992	23.7
1985	23.5
1973	22.0
2019	21.7
1993	20.9
1972	18.1
1928	16.8

Table 2 Top 10 November snowfall totals.

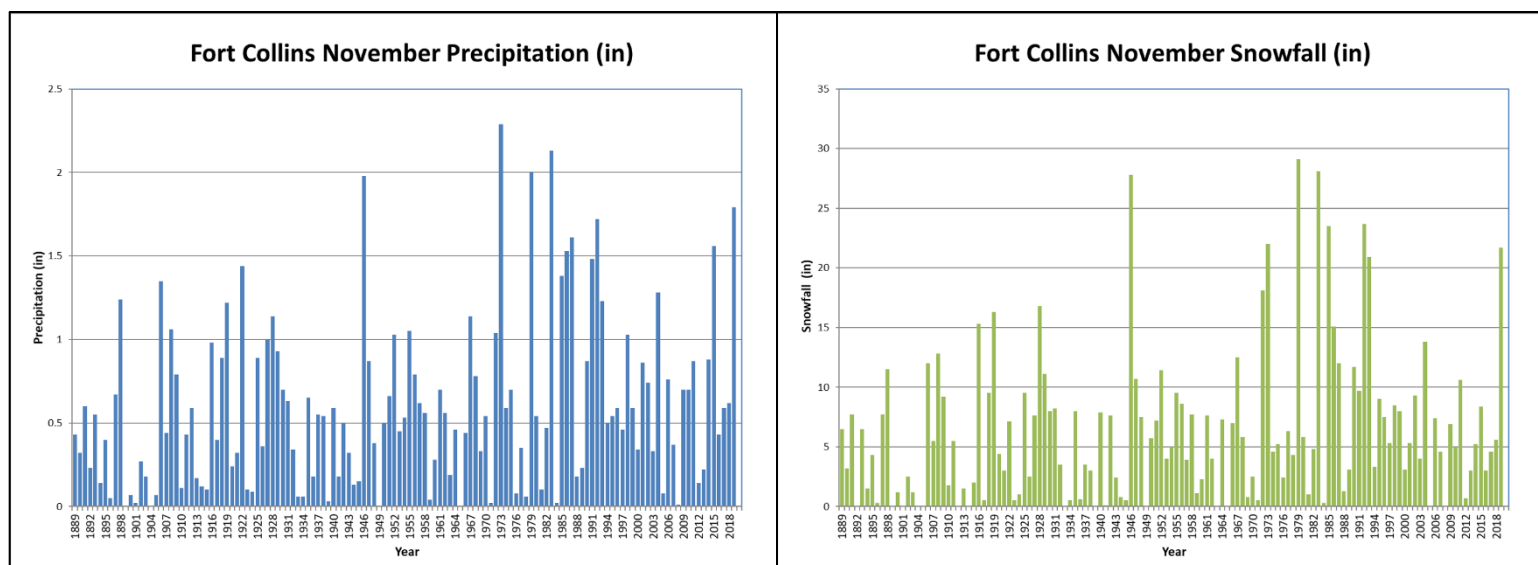


Figure 2: November precipitation (left) and snowfall (right) time series.

Misc. Precipitation (predominant type, record status, etc.):

Daily Precipitation Records:

November 25, 2019: The daily precipitation amount of 0.34" broke the old record for the day of 0.29" set in 1897 and 1943.

November 26, 2019: The daily precipitation amount of 1.00" broke the old record of 0.54" set in 1983.

Daily Snowfall Records:

November 25, 2019: The daily snowfall amount of 4.9" broke the old record of 4.2" set in 1897.

November 26, 2019: The daily snowfall amount of 11.6" broke the old record of 10.1" set in 1983.

Days with Snow Depth ≥ 1 inch

November had 10 days with at least 1" of snow on the ground at our 7PM MST observation time. This compares to a normal of 5 days in November. This season has seen 14 days with 1" of snow or greater on the ground through November. This compares to a normal of 6 days.

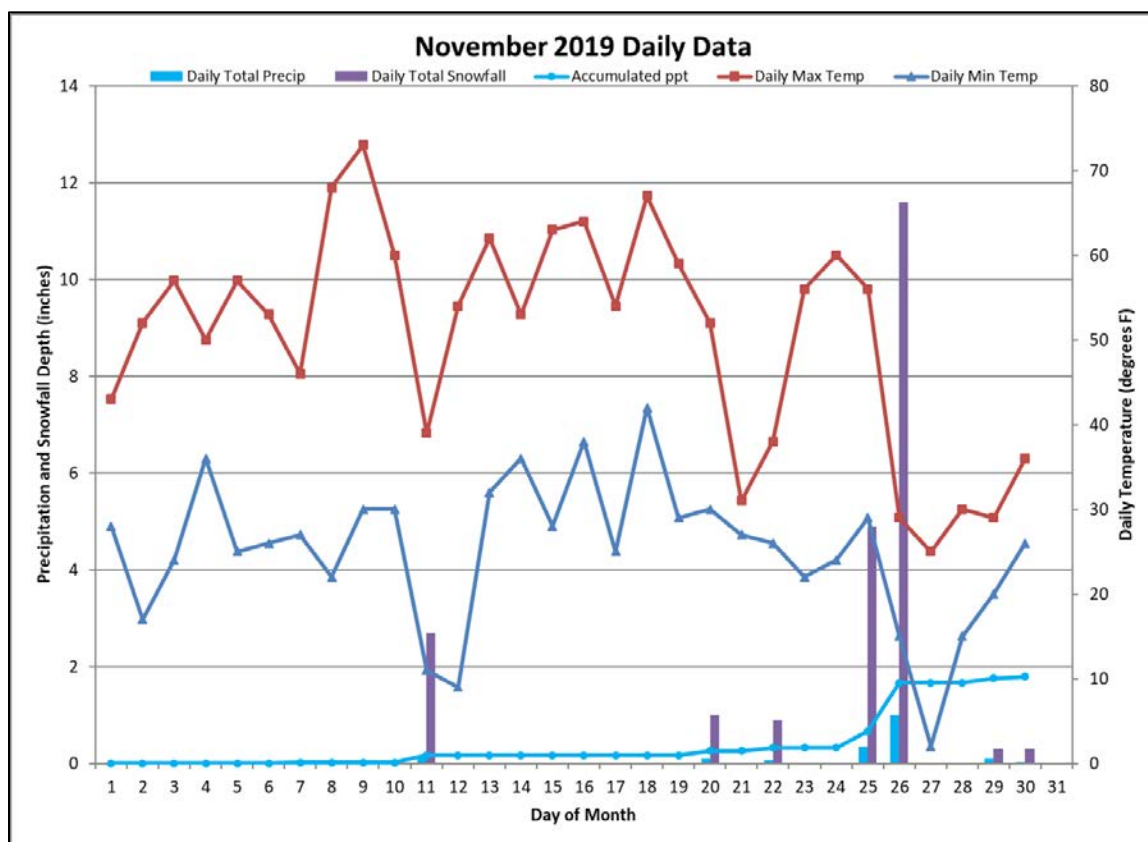


Figure 3: Daily Data for November 2019. Precipitation and temperature both show up on this graph. The y-axis on the left is for precipitation and snowfall. The y-axis on the right is for temperature.

Wind:

In November 2019 there were 9 days with maximum wind gusts ≥ 20 mph and 2 days ≥ 30 mph.

The maximum wind gust for the month was 33 mph and occurred on November 30, 2019 at 1:00 PM MST from 310° (Northwest).