

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

Month: November
Year: 2018



Temperature:

Mean T_{\max} was 50.7°F which is 0.7° below the 1981-2010 normal for the month. This is the 54th coolest in the 130 year record (1889-2018), tied with 2002. The last November this cool or cooler was 2014 with 49.7°F.

Mean T_{\min} was 26.0°F which is 0.1° above the 1981-2010 normal for the month. This is the 28th warmest in the 130 year record (1889-2018). The last November this warm or warmer was 2017 with 30.8°F

Mean T_{mean} was 38.4°F which 0.4° below the 1981 - 2010 the normal for the month. This is the 82nd coolest in the 130 year record (1889-2018). The last November this cool or cooler was 2015 with 38.2°F.

Fall (September – November) mean temperature was 51.0 which is 0.8°F above the 1981 – 2010 normal for the season. This is the 22nd warmest fall in the 130 year record (1889-2018), tied with 1939 and 1988. The last fall this warm or warmer was 2017 with 52.0 °F.

The maximum daily temperature for the month was 65°F and occurred on November 2, 2018.

The minimum daily temperature for the month was 13°F and occurred on November 18, 2018.

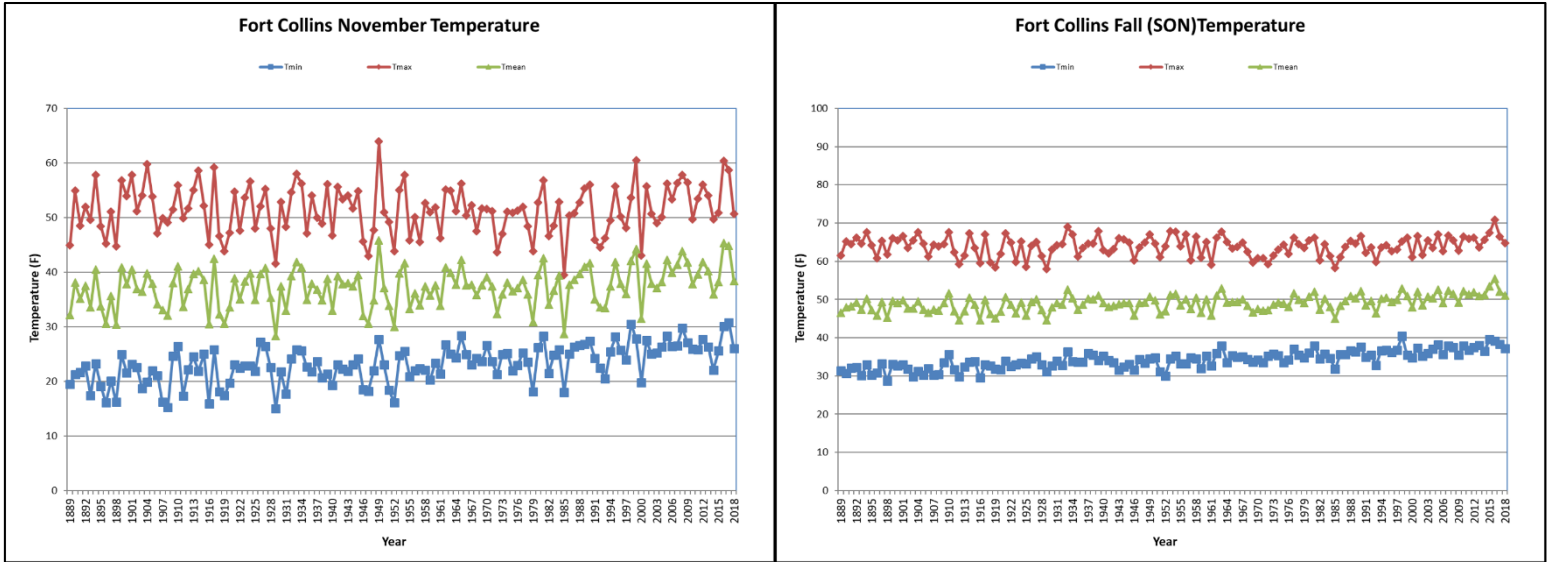


Figure 1: November (left) and fall (right) temperature time series.

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

No Temperature records for November

Precipitation:

Total monthly precipitation was 0.62” which is 0.14” below the 1981-2010 normal for the month (82% of normal). This ranks as the 82nd driest in the 130 year record (1889-2018), tied with 1957. The last November this dry or drier was 2017 with 0.59” of precipitation.

Fall (September – November) precipitation totaled 2.16” which is 1.08” below the 1981-2010 normal for the season (67% of normal). This ranks as the 44th driest in the 130 year record (1889-2018). The last fall this dry or drier was 2016 with 0.93” of precipitation

November snowfall totaled 5.6” which is 3.0” below the normal for the month (65% of normal). This ranks as the 70th least snowy in the 130 year record (1889-2018). The last November with this little snow was 2017 with 4.6” of snowfall.

Seasonal snowfall for the 2019 season through November totaled 11.7” which is 1.4” below the 1981-2010 normal for the season (89% of normal). This ranks as the 88th least snowy start to the snow season in the 130 year record (1890-2019). The last season to start with this little snowfall was last year, the 2018 snow season, with 6.2” of snowfall by the end of November 2017.

November had 4 days with measurable precipitation (≥ 0.01 ”) and 3 days with measurable snowfall (≥ 0.1 ”).

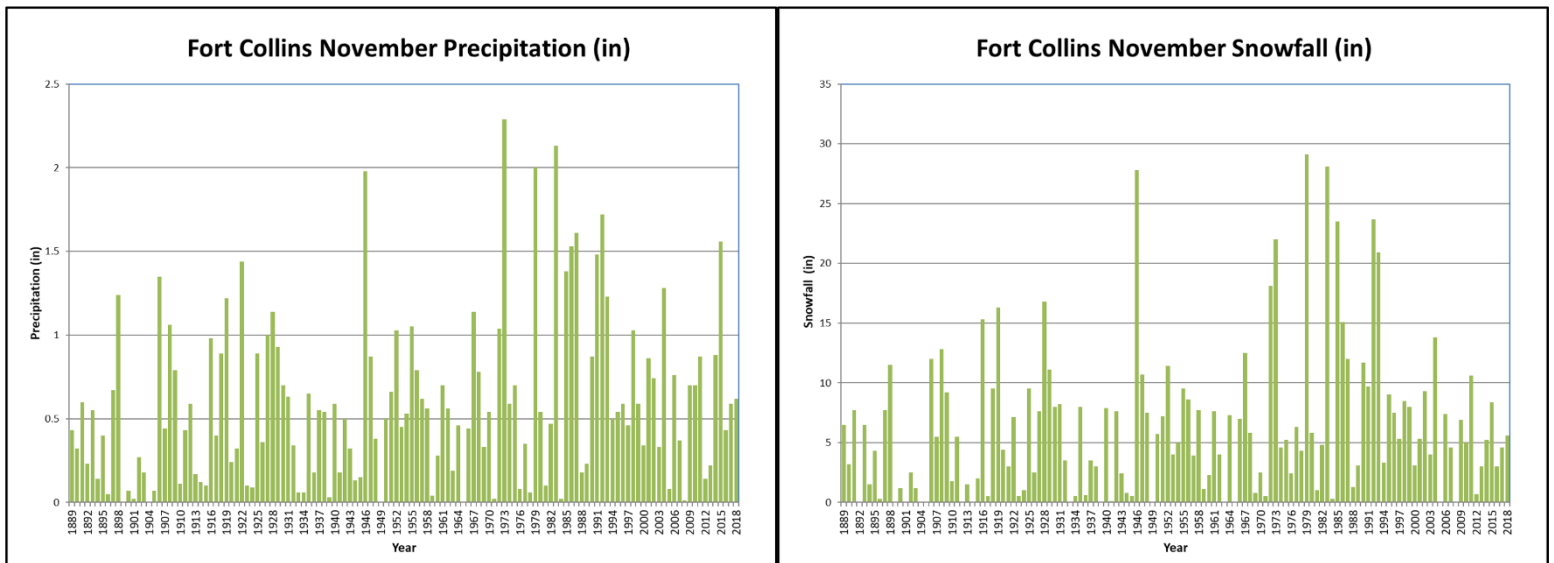


Figure 2: November precipitation (left) and snowfall (right) time series.

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

No precipitation records in November

Days with Snow Depth ≥ 1 inch

November had 3 days with 1" of snow or greater on the ground at our 7:00 PM MST observation time. This compares to a normal of 5 days in November.

This season has seen 4 days with 1" of snow or greater on the ground through November. This compares to a normal of 6 days.

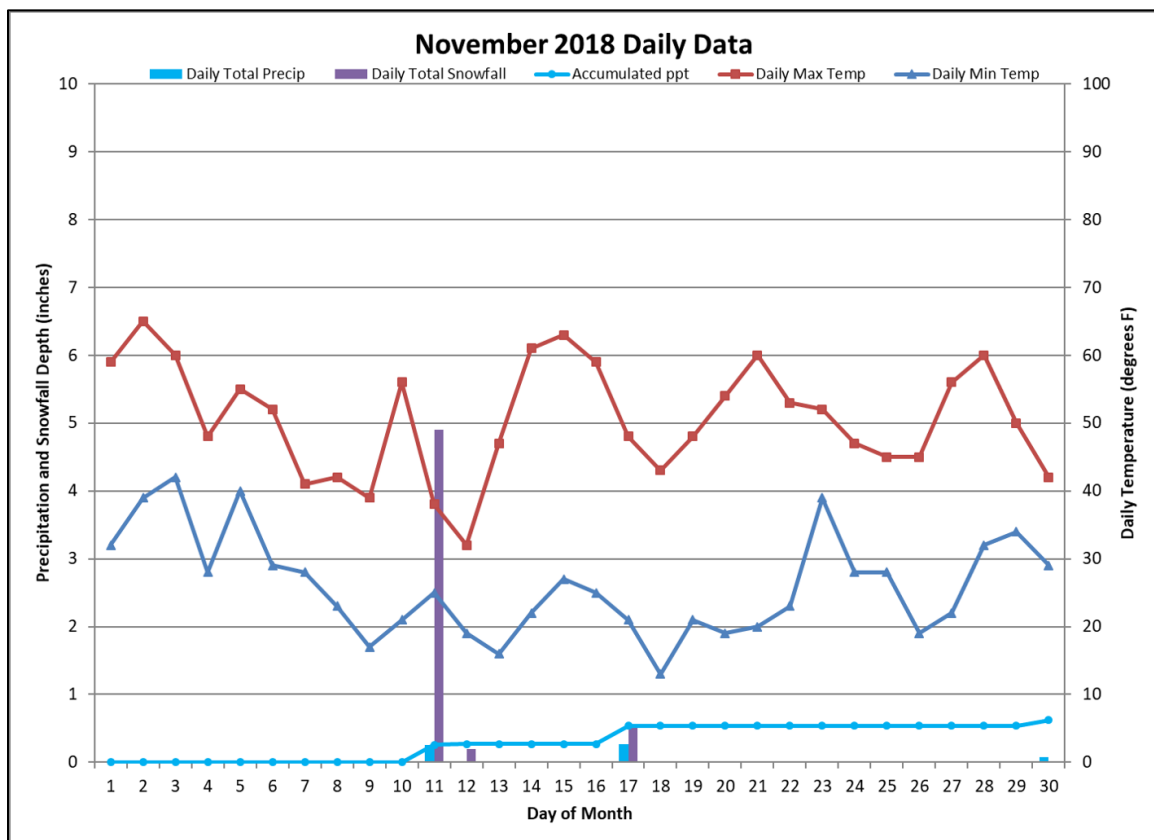


Figure 3: Daily Data for November 2018. Precipitation and temperature both show up on this graph. The y-axis on the left is for precipitation and snowfall. The y-axis on the right is for temperature.

Wind:

In November 2018 there were 11 days with maximum wind gusts ≥ 20 mph, 5 days ≥ 30 mph and 1 day ≥ 40 mph.

The maximum daily wind gust for the month was 48 mph and occurred on November 2, 2018 at 9:40 PM MST from 300°.

Evaporation:

The evaporation pan has been shut down for the winter season.