

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

Month: November
Year: 2020



Photo from Noah Newman on November 8, 2020.

Temperature:

Mean T_{\max} was 57.6°F which is 6.2° above the 1981-2010 normal for the month. This is the 13th warmest in the 132-year record (1889-2020). The last November this warm or warmer was 2017 with 58.7°F .

Mean T_{\min} was 27.2°F which is 1.3° above the 1981-2010 normal for the month. This is the 14th warmest in the 132-year record (1889-2020), tied with 1926. The last November this warm or warmer was 2017 with 30.8°F .

Mean T_{mean} was 42.4°F which is 3.7° above the 1981-2010 the normal for the month. This is the 8th warmest in the 132-year record (1889-2020). The last November this warm or warmer was 2017 with 44.8°F .

Fall (September-November) mean temperature was 50.6°F which is 0.4° above the 1981-2010 normal for the month. This is the 31st warmest in the 132-year record (1889-2020), tied with 1921. The last fall this warm or warmer was 2018 with 51.0°F

The maximum daily temperature for the month was 78°F and occurred on November 3, 2020.

The minimum daily temperature for the month was 13°F and occurred on November 30, 2020.

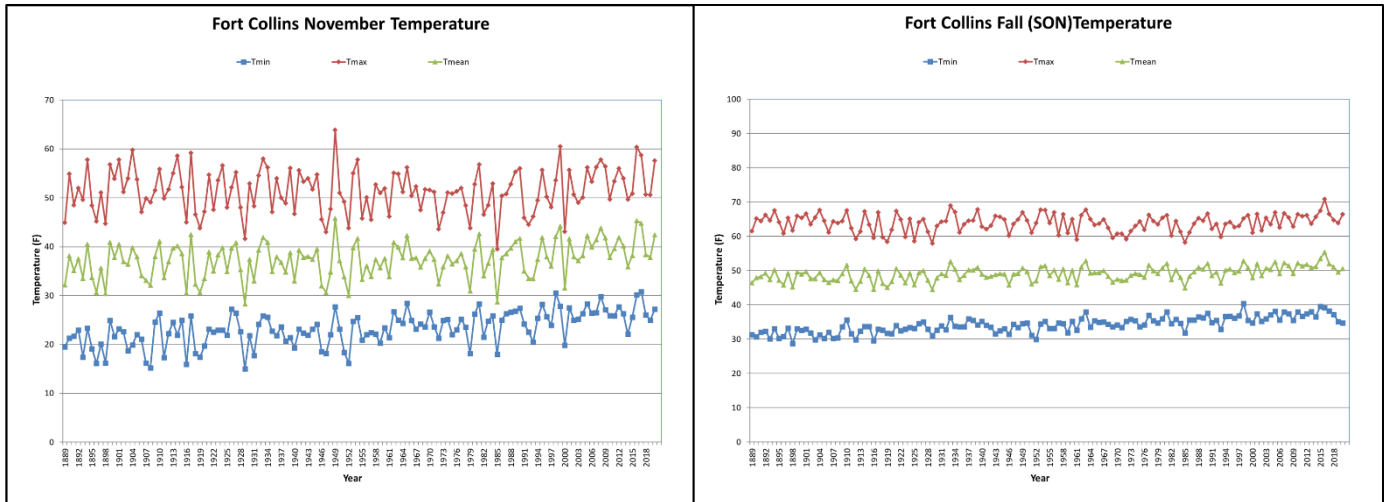


Figure 1: November (left) and fall (right) temperature time series.

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

Maximum Daily Temperature Records:

November 3, 2020: The maximum temperature of 78°F broke the previous maximum temperature for the day of 76°F set in 1909.

November 4, 2020: The maximum temperature of 77°F tied the record for the day set in 1945.

Warmest Minimum Daily Temperature Records:

November 19, 2020: The minimum temperature of 37°F tied the record warmest minimum temperature for the day set in 2008.

Precipitation and Snowfall:

Total monthly precipitation was 0.64” which is 0.12” below the 1981-2010 normal for the month (84% of normal). This ranks as the 85th driest (48th wettest) in the 132-year record (1889-2020). The last November this dry or drier was 2018 with 0.62” of precipitation.

Fall (September-November) precipitation totaled 3.17” which is 0.07” below the 1981-2010 normal for the season (98% of normal). This ranks as the 80th driest (53rd wettest) in the 132-year record (1889-2020). The last fall this dry or drier was 2018 with 2.16” of precipitation.

Total monthly snowfall for November was 3.7” which is 4.9” below the 1981-2010 normal for the month (43% of normal). This ranks as the 51st least snowy November in the 132-year record (1889-2020). The last November with this little snowfall was 2016 with 3.0”.

Seasonal Snowfall to start the 2021 snow season totaled 20.9” through November. This is 7.8” above the 1981-2010 normal (160% of normal). This ranks as the 17th snowiest start to a snow season. The last season to start with this much snow or more was the 2020 snow season with 32.0” of snow through November 2019.

November had 3 days with measurable precipitation (≥ 0.01 ”) and 2 days with measurable snowfall (≥ 0.1 ”).

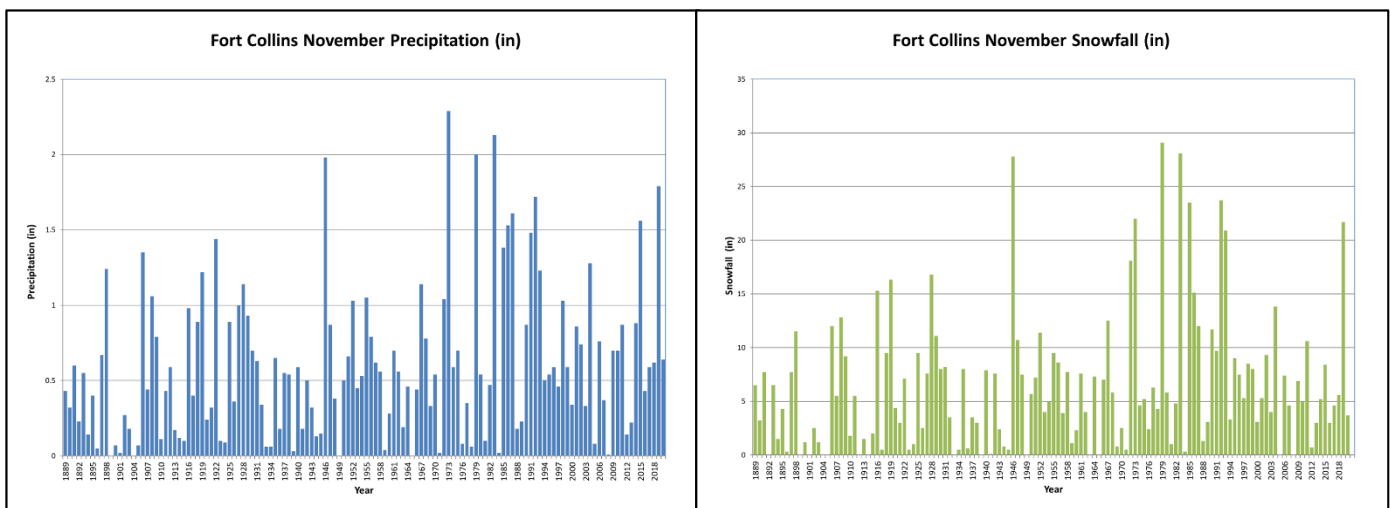


Figure 2: November precipitation (left) and snowfall (right) time series.

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

Daily Precipitation Record:

November 24, 2020: The precipitation amount of 0.37” broke the previous record precipitation for the day of 0.27” set in 1908.

The highest one-day precipitation total for November 2020 was 0.37” falling on November 24th. The highest one-day snowfall total for the month was 3.6” on November 9th.

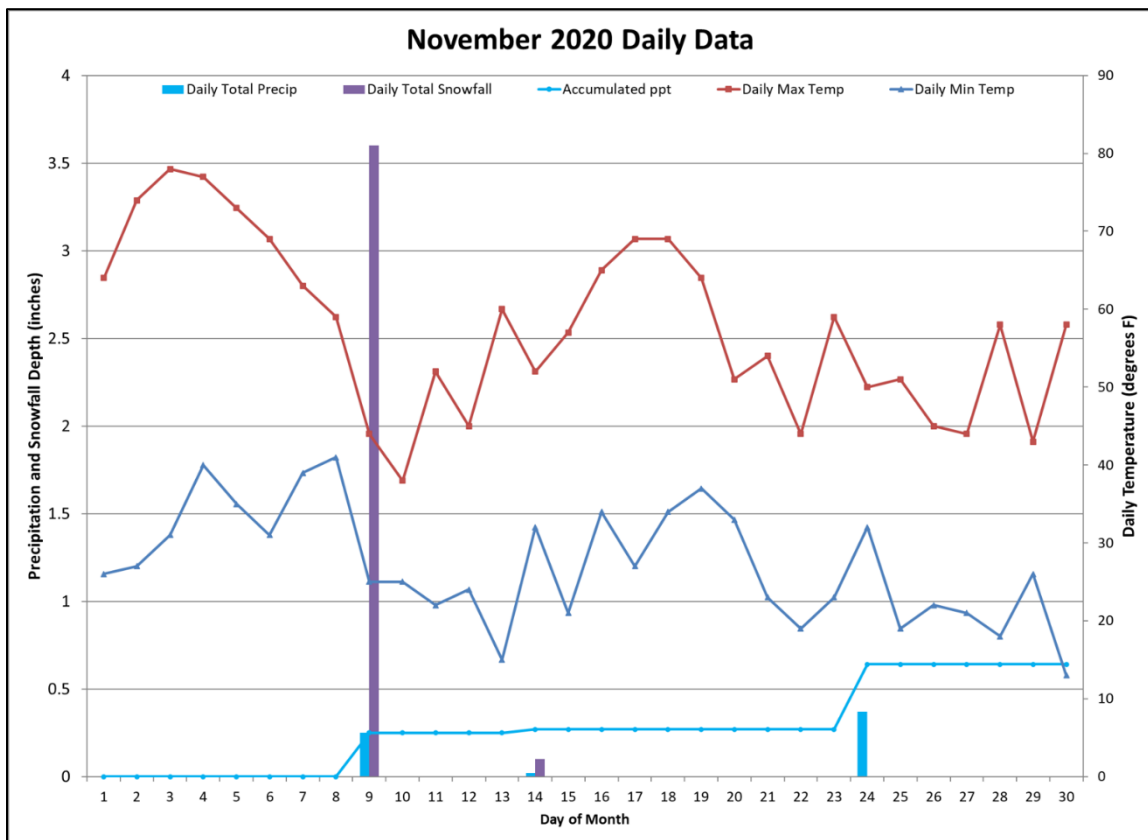


Figure 3: Daily Data for November 2020. Precipitation and temperature both show up on this graph. The y-axis on the left is for precipitation and snowfall. The y-axis on the right is for temperature.

Wind:

In November 2020 there were 11 days with maximum wind gusts ≥ 20 mph and 3 days ≥ 30 mph.

The maximum daily wind gust for the month was 36 mph and occurred on November 14, 2020 at 10:12 AM MST from 300° (NW).