

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

**Month: November**  
**Year: 2016**



## **Temperature:**

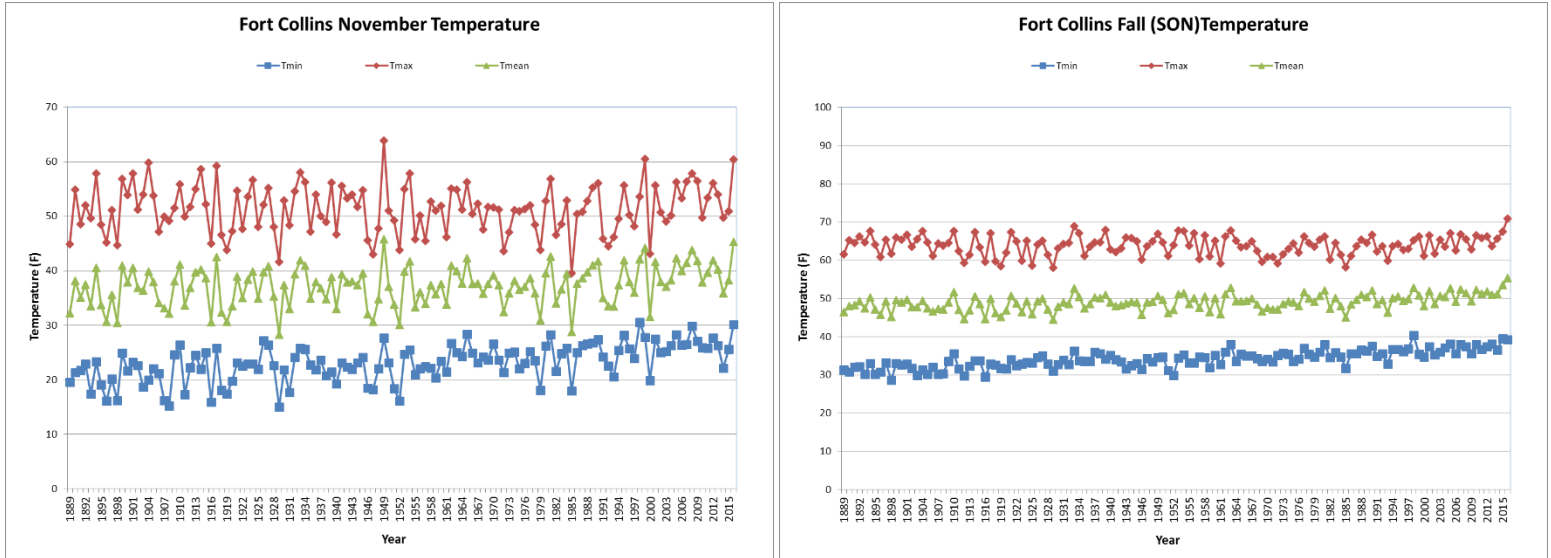
Mean  $T_{\max}$  was  $60.4^{\circ}\text{F}$  which is  $9.0^{\circ}$  above the 1981-2010 normal for the month. This is the 3<sup>rd</sup> warmest in the 128 year record (1889-2016). The warmest November on record was 1949 with  $63.9^{\circ}\text{F}$ . The 2<sup>nd</sup> warmest November on record was 1999 with  $60.5^{\circ}\text{F}$ .

Mean  $T_{\min}$  was  $30.1^{\circ}\text{F}$  which is  $4.2^{\circ}$  above the 1981-2010 normal for the month. This is the 2<sup>nd</sup> warmest in the 128 year record (1889-2016). The warmest November on record was 1998 with  $30.5^{\circ}\text{F}$ .

Mean  $T_{\text{mean}}$  was  $45.3^{\circ}\text{F}$  which is  $6.6^{\circ}$  above the 1981-2010 normal for the month. This is the 2<sup>nd</sup> warmest in the 128 year record (1889-2016). The warmest November on record is 1949 with  $45.8^{\circ}\text{F}$ . The 3<sup>rd</sup> warmest November on record is 1999 with  $44.2^{\circ}\text{F}$ .

Fall (Sep – Nov) mean temperature was  $55.4^{\circ}\text{F}$  which is  $5.2^{\circ}$  above the normal for the season. This ranks as the warmest fall in the 128 year record (1889-2016), beating 2015 with  $53.5^{\circ}\text{F}$ .

The maximum daily temperature was  $79^{\circ}\text{F}$  and occurred on November 16<sup>th</sup>. The minimum daily temperature was  $17^{\circ}\text{F}$  and occurred on November 30<sup>th</sup>.



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

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

### ***Maximum Temperature Records:***

*November 9, 2016: The maximum daily temperature of 70°F tied the record high temperature for the day set in 1914.*

*November 15, 2016: The maximum daily temperature of 77°F broke the record high temperature for the day of 75° set in 1896 and 1999.*

*November 16, 2016: The maximum daily temperature of 79°F broke the record high temperature of 75°F for the day set in 1941.*

*November 16<sup>th</sup> temperature of 79°F also tied the record maximum temperature for the month set on November 6, 1934.*

## Precipitation and Snowfall:

November 2016 precipitation totaled 0.43” and was 0.33” below the 1981-2010 normal for the month (57% of normal). This ranks as the 54<sup>th</sup> driest in the 128 year record (1889-2016), tied with 1889 and 1911. The last November this dry or drier was 2013 with 0.22” of precipitation.

Fall (Sep – Nov) precipitation totaled 0.93” and was 2.31” below the 1981 – 2010 normal for the season (29% or normal). This ranks as the 11<sup>th</sup> driest fall in the 128 year record (1889-2016). The last fall this dry or drier was 2003 with 0.81”.

Snowfall for November totaled 3.0” and was 5.6” below the 1981 – 2010 normal for the month (35% of normal). This ranks as the 43<sup>rd</sup> least snowy in the 128 year record (1889-2016), tied with 1921, 1938 and 2013. The last November with this little snow or less was 2013 with 3.0” of new snow.

Seasonal snowfall for the 2017 snow season is also 3.0” which is 10.1” below the 1981 – 2010 normal for the season through November (23% of normal). This ranks as the 28<sup>th</sup> least snowy in the 128 year record (1890-2017), tied with 1904 and 1922. The last season to start with this little snowfall was the 2009 snow season with 0.1” by the end of November 2008.

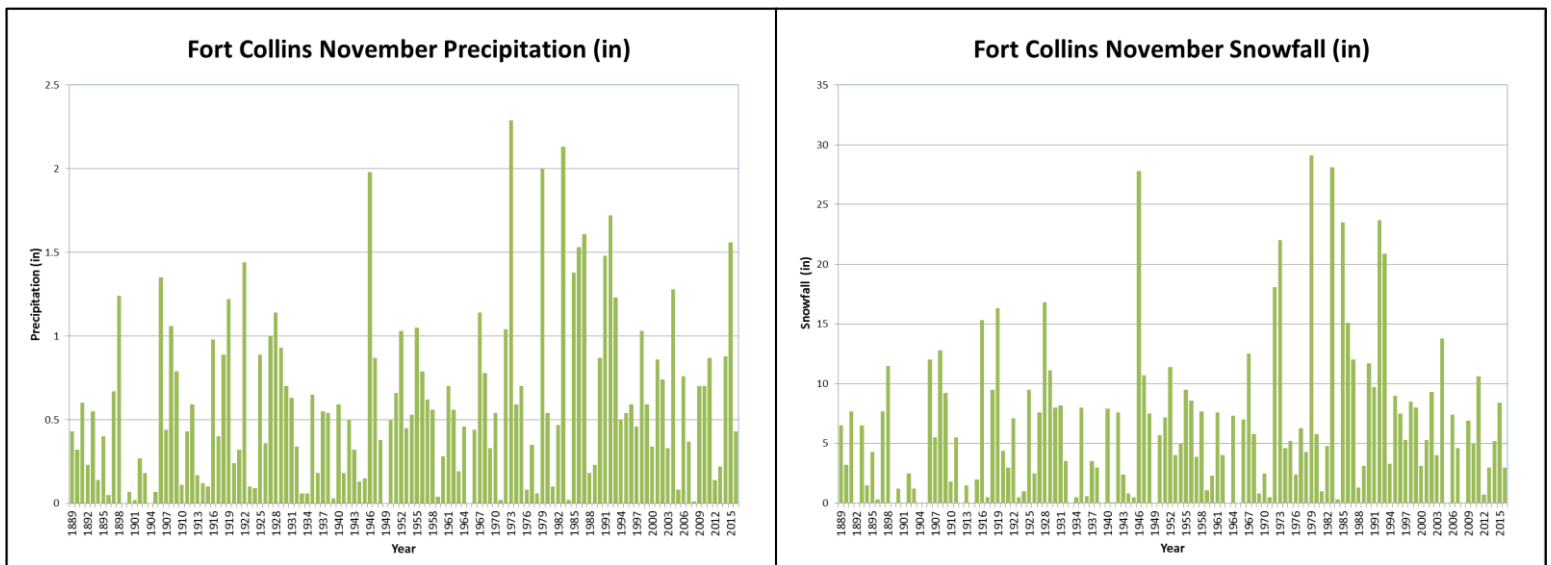


Figure 2: November precipitation (left) and snowfall (right) time series.

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

*No precipitation records for November*

***Days with Precipitation:***

*3 days with measurable (0.01" or greater) precipitation.*

*1 day with measurable snowfall (0.1" or greater).*

***First seasonal snowfall:***

*The first snowfall of the 2017 snow season occurred on November 17<sup>th</sup>.*

***Days with snow on the ground (1" or greater)***

*November 2016 had 2 days with 1" or greater of snow on the ground.*

**Wind:**

In November 2016 there were 9 days with maximum wind gusts  $\geq 20$  mph and 1 day  $\geq 30$  mph.

The maximum daily wind gust for the month was 31 mph and occurred on November 16, 2016 at 3:50 PM MST from 190°.