

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

Month: November
Year: 2012



Temperature:

Mean T_{\max} was 56.0 which is 4.6 degrees above the normal for the month. This ranks as the 20th warmest in the 124 year record (1889-2012) tied with 1990. The last November this warm or warmer was 2009 with 56.4 degrees.

Mean T_{\min} was 27.7 degrees which is 1.8 degrees above the normal for the month. This ranks as the 8th warmest in the 124 year record (1889-2012) tied with 1949. The last November this warm or warmer was 2008 with 29.8 degrees.

Mean T_{mean} was 41.9 degrees which is 3.2 degrees above the normal for the month. This ranks as the 9th warmest in the 124 year record (1889-2012) tied with 1933 and 1995. The last November this warm or warmer was 2008 with 43.8 degrees.

Autumn 2012 mean temperature was 51.8 degrees which is 1.6 degrees above the normal for the season. This ranks as the 10th warmest autumn in the 124 year record (1889-2012). The last autumn this warm or warmer was 2010 with 52.2 degrees.

The calendar year mean temperature (Jan-Nov) is 55.6 degrees which is 3.5 degrees above the normal for the period. This ranks as the warmest calendar year through November in the 124 year record (1889-2012). A table of the 5 warmest calendar years on record is shown below.

Table 1: Five warmest calendar years on record.

Year	CY thru November
2012	55.6
2006	53.5
2005	53.4
2000	53.3
2003	53.1

The maximum daily temperature was 71 and occurred on 21 November 2012.

The minimum daily temperature was 12 and occurred on 12 November 2012.

A time series of temperatures for Fort Collins, CO is shown in Figure 1 below.

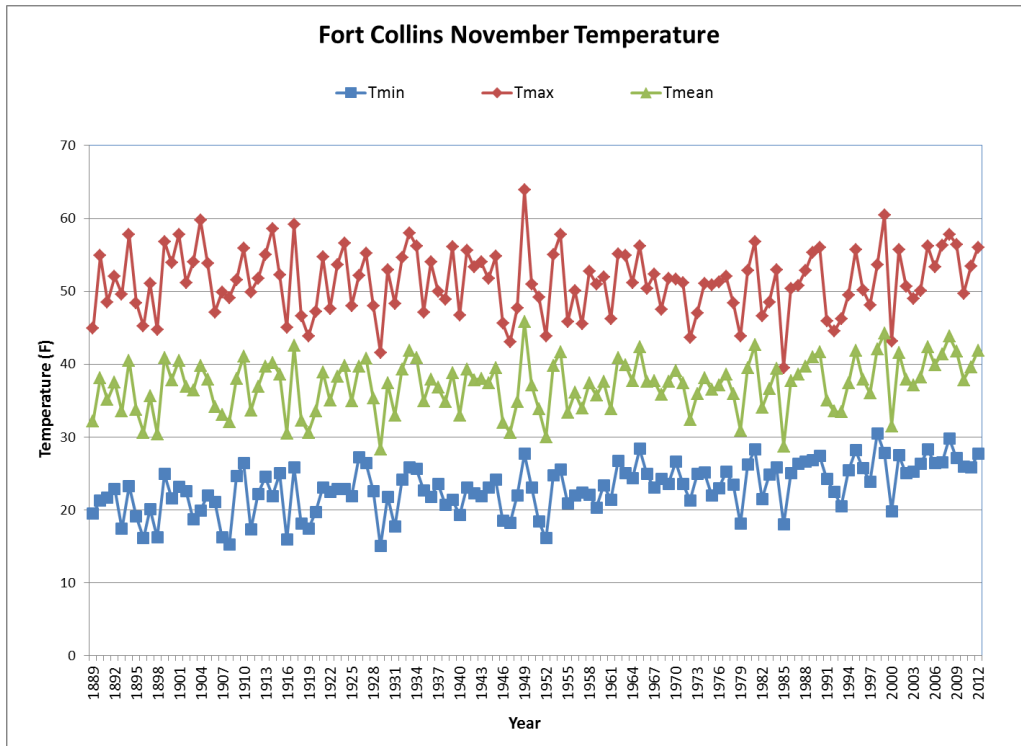


Figure 1: November temperature time series

Misc. Temperature (record status, days above/below thresholds):

Highest Maximum Temperature

21 November 2012: The daily maximum of 71 degrees tied the record set in 1917.

Precipitation and Snowfall:

Total monthly precipitation was 0.14” and was 0.62” below the normal for the month (18% of normal). This ranks as the 27th driest November in the 124 year record (1889-2012) tied with 1894. The last November this dry or drier was 2008 with 0.01” of precipitation.

Autumn 2012 precipitation was 3.73” which is 0.49” above the normal for the season (115% of normal). This ranks as the 36th wettest autumn in the 124 year data record (1889-2012). The last autumn this wet or wetter was last year with 4.61” of precipitation.

Calendar year precipitation was 10.36” which is 5.24” below the normal (66% of normal). This ranks as the 15th driest calendar year through November in the 124 year record (1889 – 2012). The last calendar year through November this dry or drier was 2006 with 8.58”.

Total monthly snowfall was 0.7”, which is 7.9” below the normal for November (8%). This ranks as the 24th least snowy November in the 124 year record (1889-2012). The last November with this little or less snowfall was 2008 which had only a Trace of snowfall.

Seasonal snowfall is 4.3”, which is 8.8” below the normal for the season (33% of normal). This ranks as the 40th least snowy season in the 124 year snow season record (1890-2013). The last season to start with this or less snowfall was the 2008/09 season which had only a Trace by the end of November.

Time series of November and calendar year precipitation are shown in Figure 2.

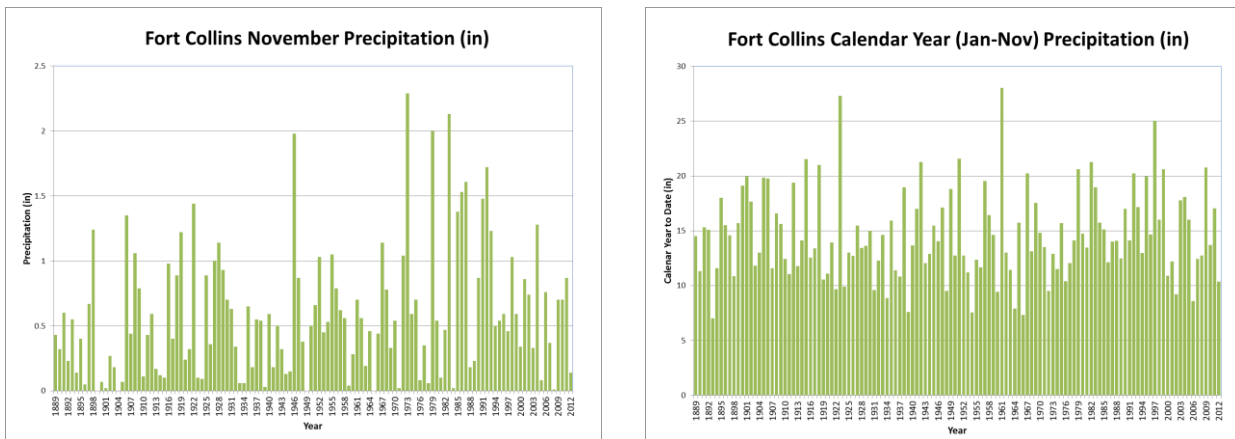


Figure 2: November (left) and calendar year (right) precipitation time series.

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

Wind:

In November 2012 there were 3 days with maximum wind gusts ≥ 20 mph and 0 days ≥ 30 mph.

The maximum daily wind gust for the month was 22 mph and occurred on 22 November 2012 at 19:40 MST from 200°.