

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

Month: November
Year: 2013



Temperature:

Mean T_{\max} was 54.0 which is 2.6 degrees above the normal for the month. This ranks as the 36th warmest in the 125 year record (1889-2013) tied with 1903, 1936, and 1943. The last November this warm or warmer was last year with 56.0 degrees.

Mean T_{\min} was 26.3 degrees which is 0.4 degrees above the normal for the month. This ranks as the 22nd warmest in the 125 year record (1889-2013) tied with 1987 and 2004. The last November this warm or warmer was last year with 27.7 degrees.

Mean T_{mean} was 40.2 degrees which is 1.5 degrees above the normal for the month. This ranks as the 25th warmest in the 125 year record (1889-2013) tied with 1914. The last November this warm or warmer was last year with 41.9 degrees.

The maximum daily temperature was 67 and occurred on 3 November 2013. The minimum daily temperature was 14 and occurred on 21 and 22 November 2013.

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

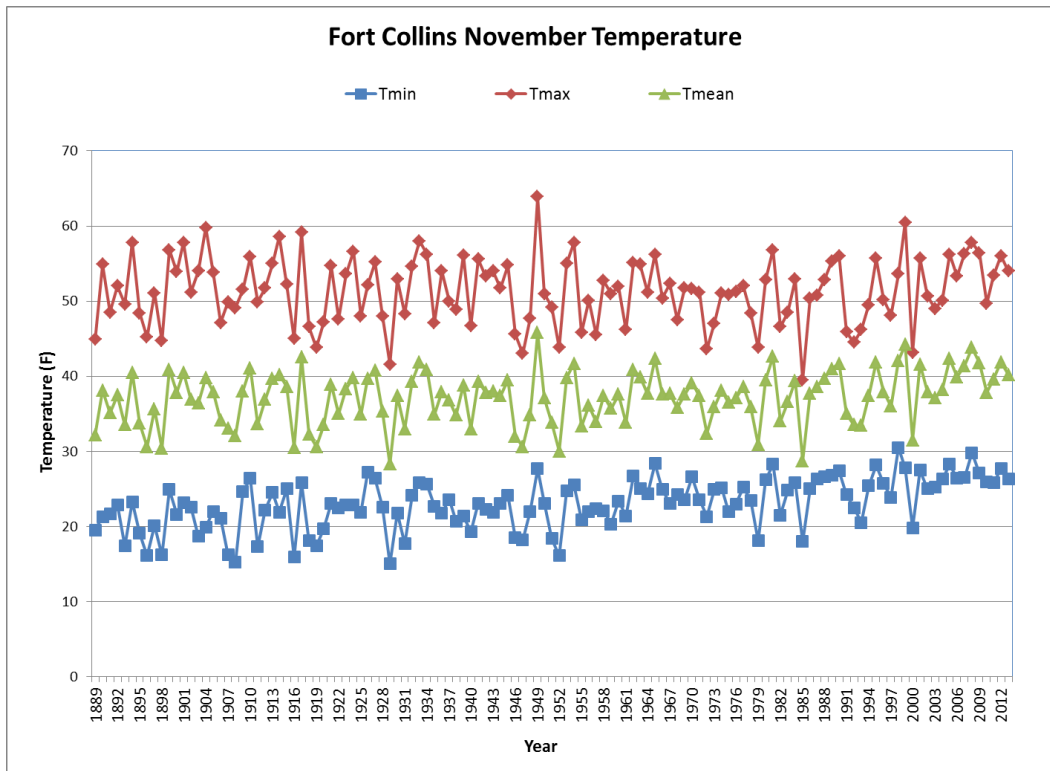


Figure 1: November temperature time series

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

Highest Minimum Temperature:

14 November 2013: The daily low temperature of 40 degrees broke the record of 38 degrees set in 1987 and 2011.

Precipitation and Snowfall:

Total monthly precipitation was 0.22” and was 0.54” below the normal for the month (29% of normal). This ranks as the 35th driest in the 125 year record (1889-2013). The last November this dry was last year with 0.14”.

Total monthly snowfall was 3.0” and was 5.6” below the normal for the month (35% of normal). This ranks as the 43rd least snowy November in the 125 year record (1889-2013) tied with 1921 and 1938.

Seasonal snowfall was 6.3” and was 6.8” below the normal for the season through November (48% of normal). This ranks as the 49th least snowy start to a season in the 125 year record (1890-2014) tied with 1955.

Time series of November precipitation and snowfall are shown in figure 2.

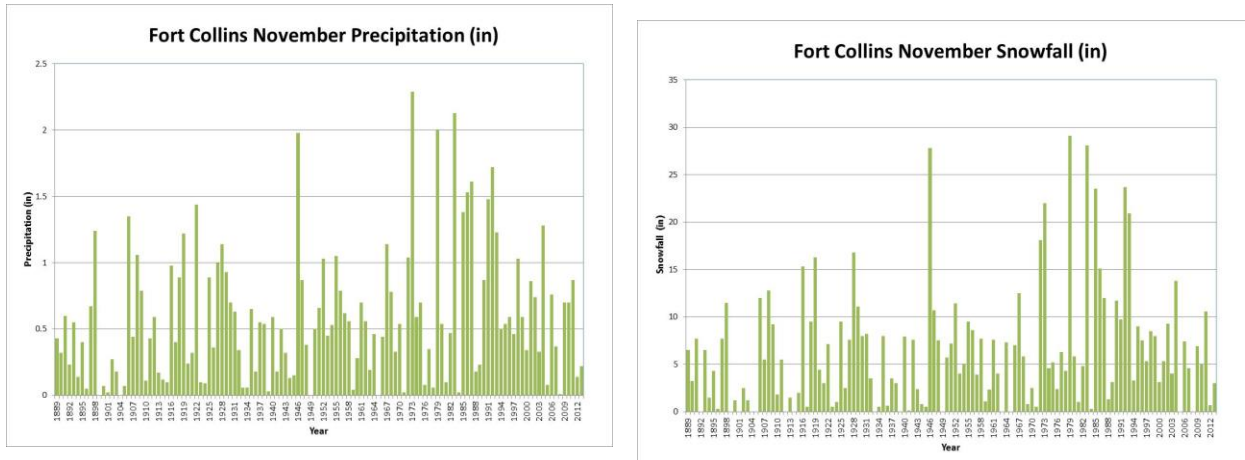


Figure 2: November precipitation (left) and snowfall (right) time series.

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

Wind:

In November 2013 there were 8 days with maximum wind gusts ≥ 20 mph and 3 day ≥ 30 mph.

The maximum daily wind gust for the month was 36 mph and occurred on 16 November 2013 at 11:20 MST from 180°.