

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

Month: June
Year: 2016



Photo Credit: Noah Newman

Temperature:

Mean T_{\max} was 86.7°F which is 6.3° above the 1981-2010 normal for the month. This is the 5th warmest in the 128 year record (1889-2016). The last June this warm or warmer was 2012 with 89.6°F .

Mean T_{\min} was 55.9°F which is 3.3° above the 1981-2010 normal for the month. This is the 3rd warmest in the 128 year record (1889-2016). The last June this warm or warmer was 2015 with 56.9°F .

Mean T_{mean} was 71.3°F which is 4.8° above the 1981-2010 normal for the month. This is the 3rd warmest in the 128 year record (1889-2016), tied with 2002. The last June this warm or warmer was 2012 with 72.7°F .

The maximum daily temperature was 99°F and occurred on June 21st.
The minimum daily temperature was 48°F and occurred on June 2nd.

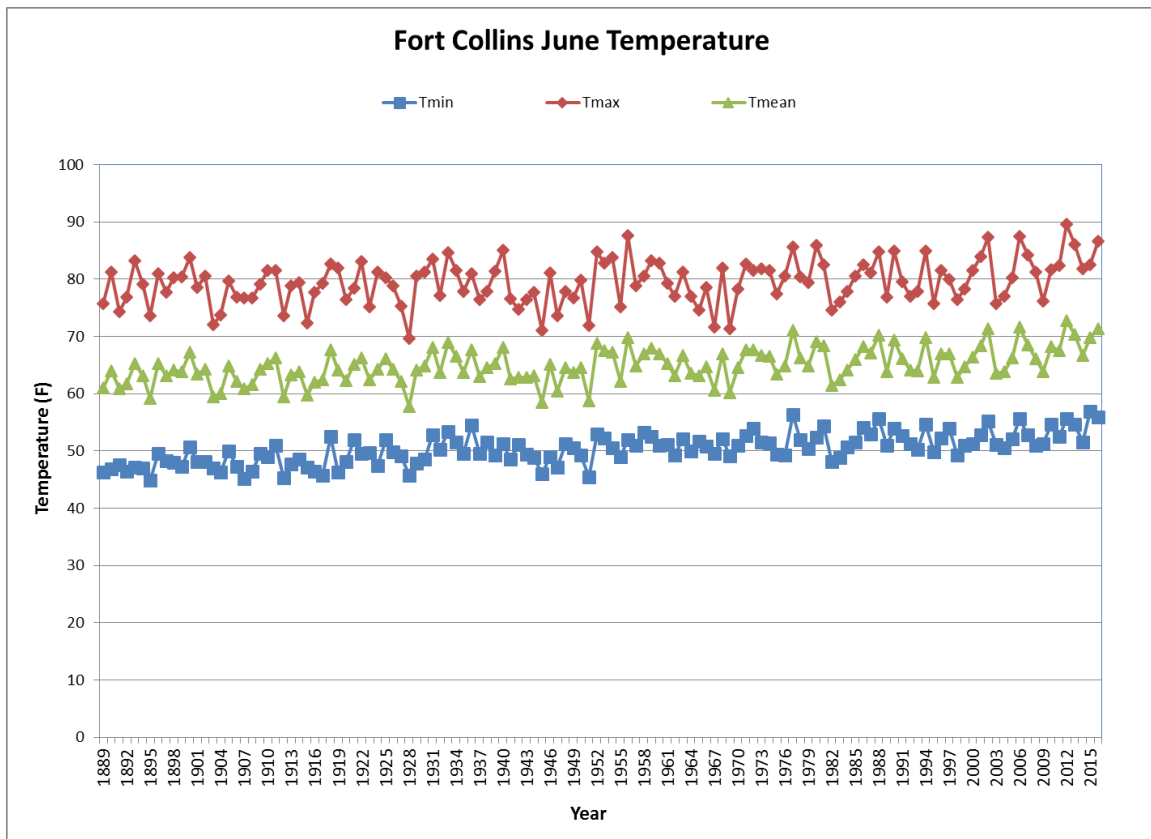


Figure 1: June temperature time series.

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

Highest Maximum Temperature:

The maximum daily temperature for June 9th of 94°F tied the record set in 1902, 1922 and 2002.

The maximum daily temperature for June 21st of 99°F broke the previous record of 95°F set in 1922.

Highest Minimum Temperature:

The minimum daily temperature for June 22nd of 64°F tied the record warmest minimum daily temperature set in 1988.

Precipitation and Snowfall:

Total monthly precipitation is 0.05” and was 2.12” below the 1981-2010 normal for the month (2.3% of normal). This ranks as the 2nd driest in the 128 year record (1889-2016), tied with 1933, which was also the last time June was this dry or drier. The driest June on record was 1917 with 0.03”.

Water year precipitation through June totaled 12.82” and is 1.36” above the normal for the water year (112% of normal). This ranks as the 34th wettest start to the water year in the 127 year record (1890-2016). The last water year to start this wet or wetter was 2015 with 14.94”.

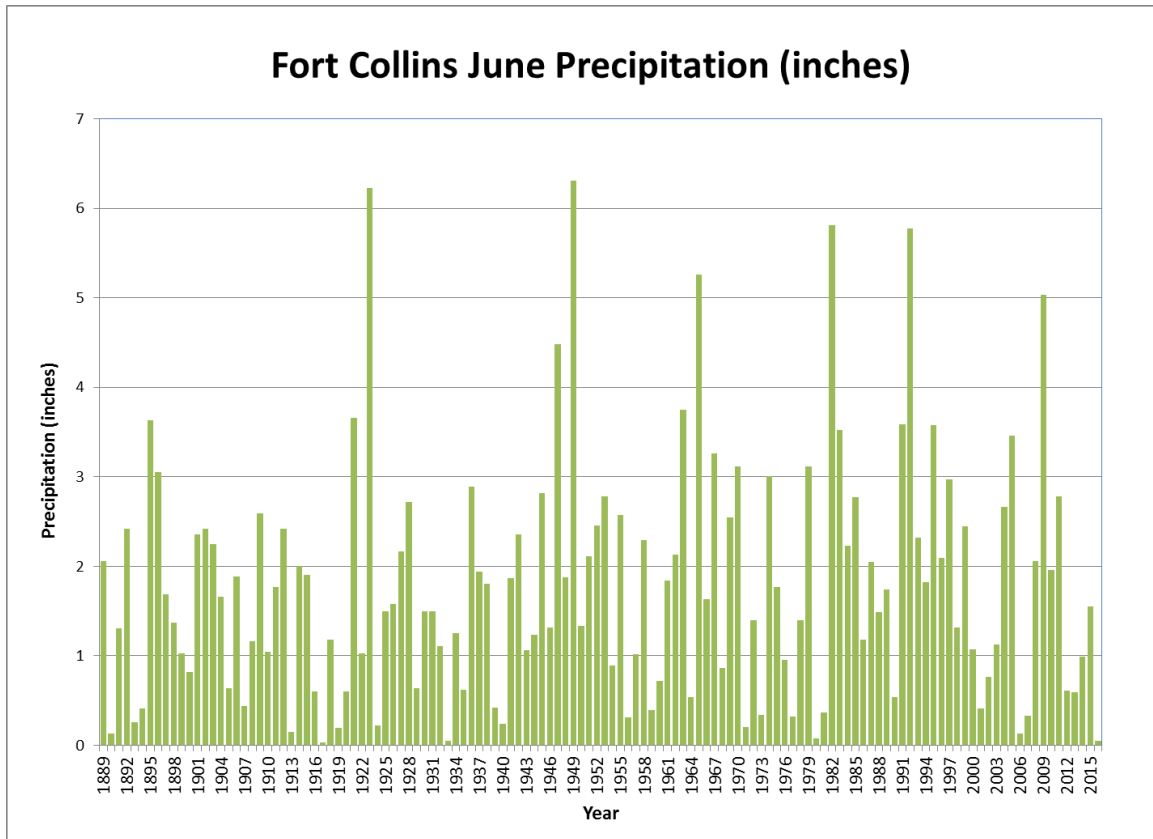


Figure 2: June precipitation time series.

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

No precipitation records for June

Wind:

In June 2016 there were 8 days with maximum wind gusts ≥ 20 mph and 0 days ≥ 30 mph.

The maximum daily wind gust for the month was 27 mph and occurred on June 6th at 15:50 MST from 70°.

Evapotranspiration:

Pan evaporation for June was 7.22" which was 0.11" above the normal for June (102% of normal).