

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

Month: June
Year: 2014



Temperature:

Mean T_{\max} was 81.8 which is 1.4 degrees above the normal for the month. This ranks as the 31st warmest in the 126 year record (1889-2014) tied with **1973**. The last June this warm or warmer was 2013 with 86.1 degrees.

Mean T_{\min} was 51.6 degrees which is 1.0 degree below the normal for the month. This ranks as the 38th warmest in the 126 year record (1889-2014) tied with **1973**. The last June this warm or warmer was 2013 with 54.6 degrees.

Mean T_{mean} was 66.7 degrees which is 0.2 degrees above the normal for the month. This ranks as the 35th warmest in the 126 year record (1889-2014) tied with 1963 and **1973**. The last June this warm or warmer was 2013 with 70.4 degrees.

NOTE: The monthly maximum, minimum and mean temperatures all tied June 1973 temperatures!

The maximum daily temperature was 91 and occurred on 3 June 2014.
The minimum daily temperature was 40 and occurred on 9 June 2014.

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

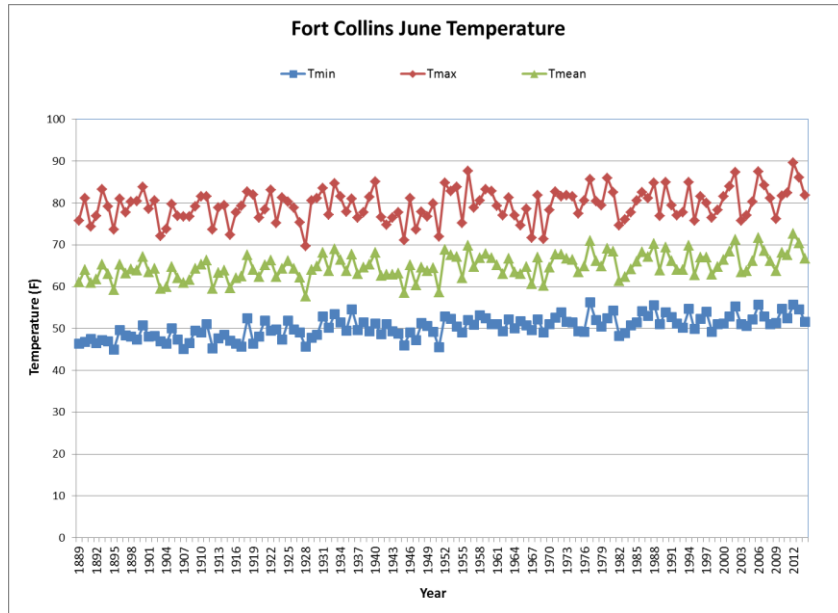


Figure 1: June temperature time series

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

None.

Precipitation and Snowfall:

Total monthly precipitation was 0.99” and was 1.18” below the normal for the month (46% of normal). This ranks as the 37th driest in the 126 year record (1889-2014). The last June this dry was 2013 with 0.59”.

Water year 2014 precipitation was 11.82” and was 0.36” above the normal for the water year through June (103% of normal). This ranks as the 41st wettest water year in the 125 year record (1890-2014). The last water year this wet was 2011 with 12.36”.

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

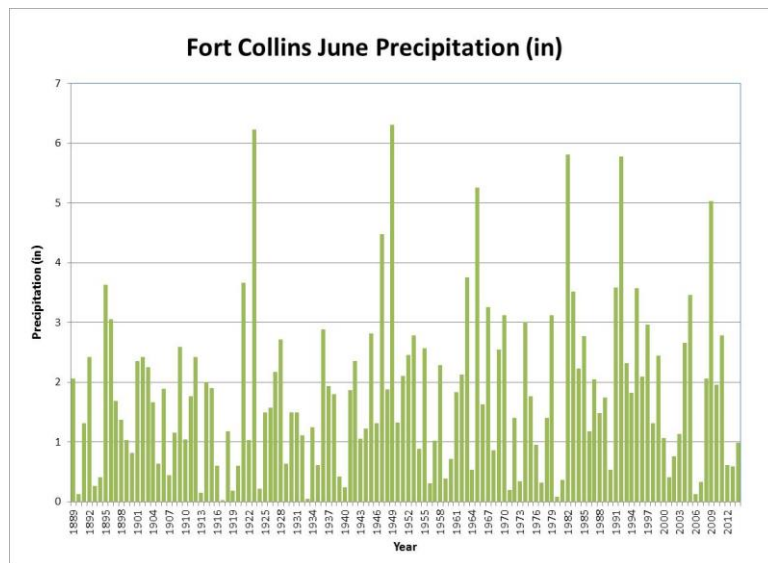


Figure 2: June precipitation (left) time series.

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

None.

Wind:

In June 2014 there were 15 days with maximum wind gusts ≥ 20 mph and 1 days ≥ 30 mph.

The maximum daily wind gust for the month was 33 mph and occurred on 6 June 2014 at 12:40 MST from 180° .

Evaporation:

Pan evaporation for the month was 6.98” which is 0.13” below the normal (98% of normal) for June.

Accumulated Water Loss Comparison 2014

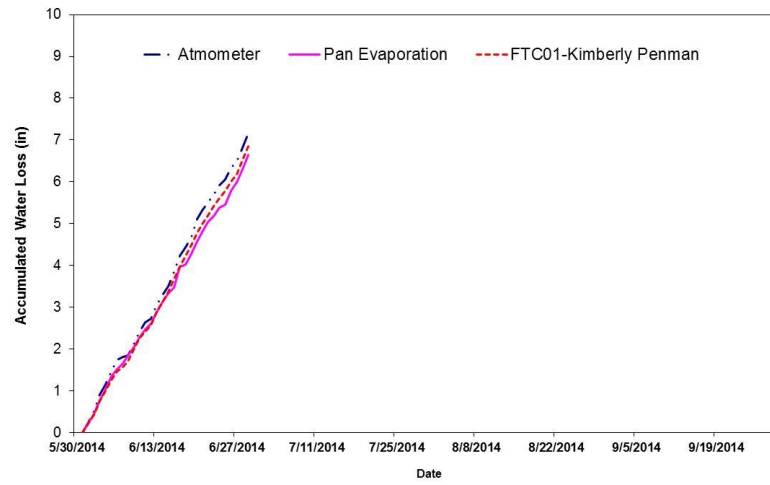


Figure 3: Accumulated water loss from the campus ETgage (atmometer), pan evaporation and our local CoAgMet ET station (FTC01).