

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

Month: June
Year: 2011
Report created by:
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Temperature:

Mean T_{\max} was 82.4 which is 2.0 degrees above the normal for the month. This ranks as the 26th warmest in the 123 year record (1889-2011). The most recent June this warm or warmer was 2007 with 84.3F.

Mean T_{\min} was 52.5 which is 0.3 degrees above the normal for the month. This ranks as the 22nd warmest in the 123 year record (1889-2011) tied with 1918 and 1959. The most recent June this warm or warmer was last year with 54.7F.

Mean T_{mean} was 67.5 which is 1.2 degrees above the normal for the month. This ranks as the 23rd warmest in the 123 year record (1889-2011) tied with 1953. The most recent June this warm or warmer was last year with 68.2F.

The maximum daily temperature was 97 and occurred on 29 June 2011.
The minimum daily temperature was 45 and occurred on 10 June 2011.

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

None

Precipitation and Snowfall*:

Total monthly precipitation was 2.78” and was 0.56” above the normal for the month (125% of normal). This ranks as the 23rd wettest June in the 123 year record (1889-2011) tied with 1953. The most recent June this wet or wetter was 2009 with 5.03”

Water year 2011 precipitation is 12.36” which is 0.87” above normal (108% of normal). This ranks as the 38th wettest water year in the 122 year record. The most recent water year this wet or wetter by the end of June was last year with 13.56”.

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

There were 2 days of hail reported at the campus weather station this month, the 9th and 16th.

Although 1.72” of precipitation was reported on 9 June, this did not break the record maximum precipitation for the day which is 2.30” set in 1923.

Wind:

In June 2011 there were 12 days with maximum wind gusts ≥ 20 mph and 3 days ≥ 30 mph.

The maximum daily wind gust for the month was 58 mph from 190° at 15:10 MST on 6 June 2011.

Evaporation:

May 2011 Class A pan evaporation was 7.22” which is 0.11” above the normal** for the month (102% of normal).

** Normal evaporation is average monthly evaporation calculated for Class A pan only (1974-2008). Prior to 1974 a sunken pan was used.

Accumulated Water Loss Comparison 2011

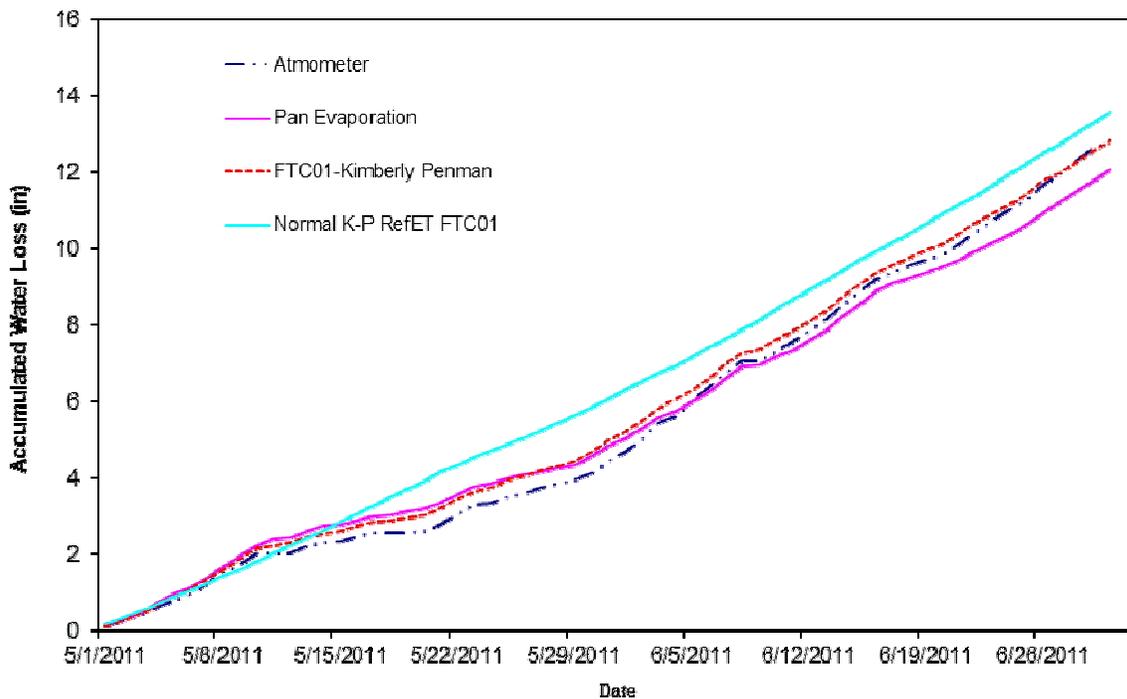


Figure: Water loss comparison of Fort Collins Weather Station instruments (atmometer and class A pan) and nearby FTC01 CoAgMet (ccc.atmos.colostate.edu/~coagmet) station. The light blue line represents the historical daily normal evaporation from the CoAgMet station.