

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

**Month: June
Year: 2009
Report created by:
Wendy Ryan**



Temperature:

Mean T_{\max} was 76.2 which is 4.3 degrees below normal for the month. This ranks as the 23rd coolest in the 121 year record (1889-2009).

Mean T_{\min} was 51.3 which is 0.3 degrees below normal for the month. This ranks as the 39th warmest in the 121 year record (1889-2009).

Mean T_{mean} was 63.8 which is 2.3 degrees below normal for the month. This ranks as the 45th coolest in the 121 year record (1889-2009) tied with 2004.

The maximum daily temperature was 89 and occurred on 30 June 2009.
The minimum daily temperature was 42 and occurred on 7 June 2009.

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

None

Precipitation:

The total monthly precipitation was 5.03” and was 3.04” above normal (253% of normal). This ranks as the 6th wettest June in the 121 year record (1889-2009).

Year	June Precipitation (in)
1949	6.31
1923	6.23
1982	5.81
1992	5.78
1965	5.26
2009	5.03

Water year 2008-2009 precipitation is 14.42” compared to water year normal of 11.19” by the end of June which is 129% of normal. This ranks as the 18th wettest water year (Oct-June) in the 121 year record.

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

The daily precipitation of 0.83” on 23 June 2009 breaks the old maximum precipitation record of 0.64” set in 1906.

There were 5 days with hail reported this month which occurred on the 7th, 10th, 11th, 15th, and 22nd.

There was measurable precipitation reported on 16 days in June 2009 which is the 4th largest number of measurable precipitation days in June on record.

Year	Measurable precipitation (≥0.01") days in June
1927	16
1928	16
1951	16
1965	16
1999	16
2009	16
1984	17
1995	19
1967	20

Wind:

In June 2009 there were 10 days with maximum wind gusts ≥ 20 mph with none ≥ 30 mph.

The maximum daily wind gust for the month was 29 miles per hour and occurred on 23 June 2009 at 18:00 MST from 190°.

Evaporation:

The total monthly Class A pan evaporation for June 2009 was 5.56” compared to June normal evaporation^{**} of 7.15” which is 1.59” below normal (78% of normal).

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