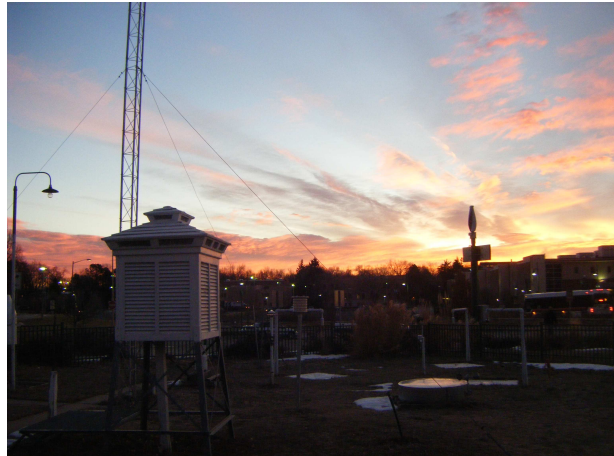


**Colorado State University,
Fort Collins, CO Weather
Station Monthly Summary
Report**



Month: May
Year: 2009
Report created by:
Wendy Ryan

Temperature:

Mean T_{\max} was 72.5 which is 2.3 degrees above normal for the month. This ranks as the 23rd (tied with 1989) warmest in the 121 year record (1889-2009).

Mean T_{\min} was 46.5 which is 3.2 degrees above normal for the month. This ranks as the 2nd warmest in the 121 year record (1889-2009).

Mean T_{mean} was 59.5 which is 2.7 degrees above normal for the month. This ranks as the 12th warmest in the 121 year record (1889-2009).

The maximum daily temperature was 89 and occurred on 19 May 2009.
The minimum daily temperature was 37 and occurred on 3 May 2009.

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

Highest Maximum

12 May 2009: Daily maximum of 85 ties the old record set in 1984.

19 May 2009: Daily maximum of 89 ties the old record set in 1939.

Highest Minimum:

20 May 2009: Daily minimum of 56 ties the old record set in 1932.

Precipitation:

The total monthly precipitation was 2.23” and was 0.37” below normal (86% of normal). This ranks as the 64th wettest in the 121 year record (1889-2009).

Water year 2008-2009 precipitation is 9.39” compared to water year normal of 9.20” by the end of May which is 102% of normal.

Snowfall

There was no snowfall recorded in May 2009.

Seasonal snowfall total is 38.1” compared to seasonal normal of 47.0” by the end of May which is 81% of normal.

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

There was one day with hail recorded on 22 May 2009 with stones predominately 1/8” in diameter with some greater than 1/4”.

Wind:

In May 2009 there were 12 days with maximum wind gusts \geq 20 mph and 2 days \geq 30 mph.

The maximum daily wind gust for the month was 36 miles per hour and occurred on 12 May 2009 at 18:40 MST from 260°.

Day	Max Gust (mph)	Direction	Time (MST)
5/8/2009	32	260	12:20
5/12/2009	36	260	18:40

Evaporation:

The total monthly Class A pan evaporation for May 2009 was 5.79” compared to May normal evaporation^{**} of 6.13” which is 0.34” below normal (94% of normal).

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