

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



**Month: May  
Year: 2009  
Report created by:  
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**Temperature:**

Mean  $T_{\max}$  was 72.5 which is 2.3 degrees above normal for the month. This ranks as the 23<sup>rd</sup> (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 2<sup>nd</sup> warmest in the 121 year record (1889-2009).

Mean  $T_{\text{mean}}$  was 59.5 which is 2.7 degrees above normal for the month. This ranks as the 12<sup>th</sup> 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 64<sup>th</sup> 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<sup>\*\*</sup> of 6.13” which is 0.34” below normal (94% of normal).

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