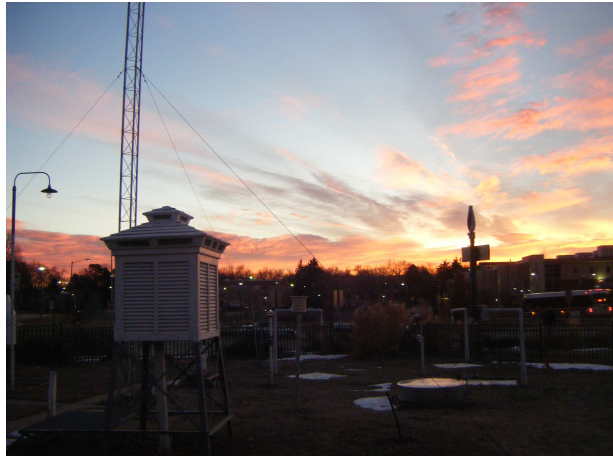


Colorado State University, Fort Collins, CO Weather Station Monthly Summary Report



Month: March

Year: 2009

**Report created by:
Wendy Ryan**

Temperature:

Mean T_{\max} was 57.8 which is 4.1 degrees above normal for the month. This ranks as the 16th warmest in the 121 year record (1889-2009).

Mean T_{\min} was 27.5 which is 0.9 degrees above normal for the month. This ranks as the 26th warmest in the 121 year record (1889-2009).

Mean T_{mean} was 42.6 which is 2.4 degrees above normal for the month. This ranks as the 17th warmest in the 121 year record (1889-2009).

The maximum daily temperature was 76 and occurred on 22 March 2009.
The minimum daily temperature was 11 and occurred on 10 March 2009.

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

Highest Maximum:

3 Mar 2009: Tied Maximum of 73 set in 1921.

4 Mar 2009: Maximum of 74 breaks the maximum temperature record of 73 set in 1986.

Precipitation:

The total monthly precipitation was 0.93" and was 0.49" below normal (66% of normal). This ranks as the 61st driest March in the 121 year record (1889-2009).

Water year 2008-2009 precipitation is 2.72” compared to water year normal of 4.51” by the end of March which is 60% of normal.

Snowfall

The total monthly snowfall was 9.2” compared to March normal snowfall of 10.3” which is 89% of normal. The greatest daily snowfall total of 7.0” occurred on 26 March 2009.

This ranks as the 64th least amount of March snowfall for the 121 year record (1889-2009).

Seasonal snowfall total is 30.0” compared to seasonal normal of 39.5” by the end of March which is 76% of normal.

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

26 Mar 2009: The daily maximum precipitation of 0.77” breaks the old record of 0.58” set in 1899.

Wind:

In March 2009 there were 15 days with maximum wind gusts \geq 20 mph and 8 days \geq 30 mph.

The maximum daily wind gust for the month was 36 miles per hour and occurred on 23 March 2009 at 12:50 MST from 360°.

Date	Wind Gust (mph)	Wind Direction (deg)	Time (MST)
3/3/2009	31	290	11:00
3/10/2009	31	310	13:30
3/24/2009	32	290	7:30
3/31/2009	32	260	16:50
3/9/2009	35	200	0:00
3/30/2009	35	350	9:50
3/5/2009	36	200	7:50
3/23/2009	36	360	12:50