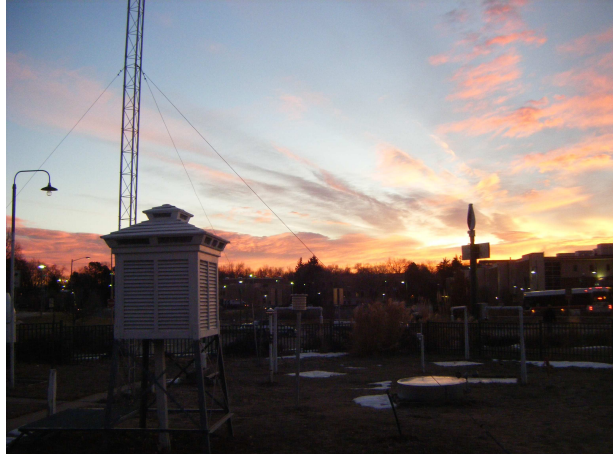


Colorado State University, Fort Collins, CO Weather Station Monthly Summary Report



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

Temperature:

Mean T_{\max} was 48.2 which is 6.2 degrees above normal for the month. This is the 11th warmest January on record.

Mean T_{\min} was 20.7 which is 5.4 degrees above normal for the month. This ties the 9th warmest with 1998.

Mean T_{mean} was 34.5 which is 5.8 degrees above normal for the month. This is the 7th warmest on record.

The maximum daily temperature was 69.9 and occurred on 20 January 2009. The minimum daily temperature was -5.8 and occurred on 27 January 2009.

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

Highest Maximum:

18 January 2009: New record 64 ties old record set in 1920 and 2005.

20 January 2009: New record 70 breaks old record of 68 set in 2005.

22 January 2009: New record 65 breaks old record of 64 set in 1950.

Highest Minimum Temperature:

17 January 2009: New record 38 breaks old record of 31 set in 1971.

19 January 2009: New record 46 breaks old record of 44 set in 1920.

Precipitation:

The total monthly precipitation was 0.28” and was 0.14” below normal (67% of normal).

Water year 2008-2009 precipitation is 1.63” compared to water year normal of 2.71” by the end of January which is 60% of normal.

Snowfall

The total monthly snowfall was 5.7” compared to January normal snowfall of 6.1” which is 93% of normal. The greatest daily snowfall total of 2.4” occurred on 26 January 2009.

Seasonal snowfall total is 17.2” compared to seasonal normal of 22.4” by the end of January which is 77% of normal.

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

No daily precipitation records were broken in January 2009.

Wind:

In January 2009 there were 15 days with maximum wind gusts \geq 20 mph and 5 days \geq 30 mph.

The maximum daily wind gust for the month was 39 miles per hour and occurred on 7 January 2009 at 13:00 MST from 310°.

Date	Wind Gust (mph)	Gust Direction	Time (MST)
1/1/2009	34	250	9:00
1/7/2009	39	310	13:00
1/9/2009	31	350	13:30
1/12/2009	30	350	3:30
1/28/2009	36	300	14:10