

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



Month: January

Year: 2010

Report created by:

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Temperature:

Mean T_{\max} was 43.3 which is 1.3 degrees above normal for the month. This ranks as the 48th warmest in the 122 year record (1889-2010) tied with 1941.

Mean T_{\min} was 16.9 which is 1.6 degrees above the normal for the month. This ranks as the 32nd warmest in the 122 year record (1889-2010) tied with 1938.

Mean T_{mean} was 30.1 which is 1.4 degrees above the normal for the month. This ranks as the 39th warmest in the 122 year record (1889-2010).

The maximum daily temperature was 56.0 and occurred on 16 January 2010. The minimum daily temperature was -10.0 and occurred on both 7 and 8 January 2010.

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

None.

Precipitation and Snowfall*:

The total monthly precipitation was 0.15” and was 0.27” below normal (36% of normal). This ranks as the 30th driest January in the 122 year record (1889-2010).

Water year 2010 precipitation is 4.12” and is 1.41” above normal (152% of normal). This ranks as the 13th wettest water year (Oct-Jan) in the 122 year record.

The total monthly snowfall was 3.7” which is 4.7” below normal (44%). This ranks as the 72nd snowiest January in the 122 year record (72 years out of 122 have seen more snow than this January) and tied with 1953 and 1964.

Water year 2010 snowfall is 56.6” which is 24.7” above normal (177% of normal). This ranks as the 2nd snowiest water year (Oct-Jan) in the 122 year record. *Note: Water year 1980 (Oct-Dec) ranks first with 74.1”.*

** Note: Starting with December 2009 these reports will use the 1971-2000 average snowfall, previous months have used period of record snowfall normals*

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

None.

Wind:

In January 2010 there were only 2 days with maximum wind gusts \geq 20 mph with 1 day \geq 30 mph.

The maximum daily wind gust for the month was 34 miles per hour and occurred on 24 January 2010 at 11:50 MST from 280°.