

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



**Month: February
Year: 2011
Report created by:
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****Please note: Starting with February 2011, the station normals have been updated for the period 1981-2010. This is a change from all previous reports that used the normal period 1971-2000.**

Temperature:

Mean T_{\max} was 44.3 which is 2.2 degrees below the normal for the month. This ranks as the 57th coldest in the 123 year record (1889-2011).

Mean T_{\min} was 15.1 which is 5.3 degrees below the normal for the month. This ranks as the 38th coldest in the 123 year record (1889-2011) tied with 1890 and 1937. The most recent year it was this cold or colder was 1989 with 10.3 degrees.

Mean T_{mean} was 29.7 which is 3.8 degrees below the normal for the month. This ranks as the 45th coldest in the 123 year record (1889-2011) tied with 1920. The most recent year it was this cold or colder was last year with 29.6 degrees.

Winter (Dec, Jan, Feb) average temperature was 31.4 which is the normal and ranks as the 32nd warmest in the 122 years of winter data. The last winter that was this warm or greater was 2009 with 33.4 degrees.

The maximum daily temperature was 67 and occurred on 16 February 2011. The minimum daily temperature was -13 and occurred on 2 February 2011.

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

Highest Maximum Temperature

16 February 2011: Daily maximum temperature of 67 breaks the old record of 66 set in 1982.

Precipitation and Snowfall*:

Total monthly precipitation was 0.66” and was 0.26” above normal (165% of normal). This ranks as the 29th wettest February in the 123 year record (1889-2011) tied with 1956. The last February with this much or greater precipitation was 2003 with 0.85”.

Water year 2011 precipitation is 2.74” which is 0.47” below normal (85.3% of normal). This ranks as the 58th driest water year in the 122 year record.

Total monthly snowfall is 6.4” which is 0.2” below normal for the month (97.0% of normal). This ranks as the 53rd snowiest in the 123 year record, tied with 1967.

Seasonal snowfall is 21.6” which is 14.3” below normal (60.2% of normal). This ranks as the 37th least snowy season in the 122 year record. The last snow season with less than or equal snowfall was 2009 with 20.8”.

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

Wind:

In February 2011 there were 14 days with maximum wind gusts \geq 20 mph and 2 days \geq 30 mph.

The maximum daily wind gust for the month was 30.0 miles per hour and occurred on 26 February 2011 from 250° at 16:50 MST.