

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

Month: February

Year: 2010

Report created by:

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Temperature:

Mean T_{\max} was 40.6 which is 5.9 degrees below normal for the month. This ranks as the 31st coldest in the 122 year record (1889-2010) tied with 1947.

Mean T_{\min} was 18.5 which is 1.3 degrees below the normal for the month. This ranks as the 68th coldest in the 122 year record (1889-2010) tied with 1979, 1988 and 2003.

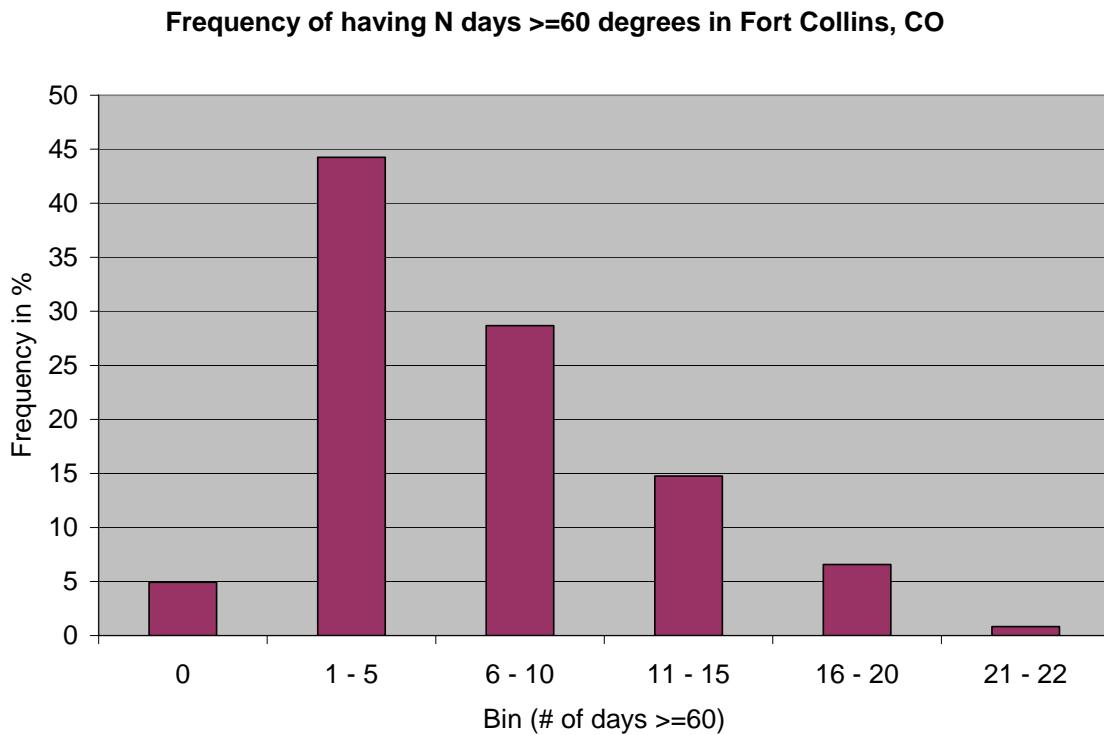
Mean T_{mean} was 29.6 which is 3.7 degrees below the normal for the month. This ranks as the 44th coldest in the 122 year record (1889-2010).

The maximum daily temperature was 51.0 and occurred on 13 February 2010.

The minimum daily temperature was 5.0 and occurred on both 9 and 23 February 2010.

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

This winter (Dec 2009 – February 2010) is one of only 6 that has not seen a daily maximum temperature ≥ 60 degrees. The temperature has only reached the 50 degree mark 11 times. The frequency distribution of the number of days per winter ≥ 60 degrees is shown below.



Precipitation and Snowfall*:

The total monthly precipitation was 0.65" and was 0.27" above normal (171% of normal). This ranks as the 30th wettest February in the 122 year record (1889-2010).

Water year 2010 precipitation is 4.77" and is 1.68" above normal (154% of normal). This ranks as the 13th wettest water year (Oct-Feb) in the 122 year record.

The total monthly snowfall was 13.0" which is 6.6" above normal (203%). This ranks as the 19th snowiest February in the 122 year record.

2010 seasonal snowfall is 69.6" which is 32.7" above normal (189% of normal). This ranks as the 2nd snowiest season (Sept-Feb) in the 122 year record. The top 5 snow seasons are listed below:

Year	Total Snowfall Through February (in)
1980	88.1
2010	69.6
1986	59.3
1917	57.5
1984	55

* 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 4 days with maximum wind gusts ≥ 20 mph with no days ≥ 30 mph.

The maximum daily wind gust for the month was 28 miles per hour and occurred on 14 February 2010 at 12:40 MST from 010°.