

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



Month: March

Year: 2010

Report created by:

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Temperature:

Mean T_{\max} was 56.2 which is 2.5 degrees above normal for the month. This ranks as the 26th warmest in the 122 year record (1889-2010).

Mean T_{\min} was 28.7 which is 2.1 degrees above the normal for the month. This ranks as the 14th warmest in the 122 year record (1889-2010) tied with 1993.

Mean T_{mean} was 42.5 which is 2.3 degrees above the normal for the month. This ranks as the 18th warmest in the 122 year record (1889-2010) tied with 1921, 1940, and 1978.

The maximum daily temperature was 79.0 and occurred on 30 March 2010. The minimum daily temperature was 10.0 and occurred on 20 March 2010.

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

None.

Precipitation and Snowfall*:

The total monthly precipitation was 1.55” and was 0.13” above normal (109% of normal). This ranks as the 34th wettest March in the 122 year record (1889-2010).

Water year 2010 precipitation is 6.32” and is 1.81” above normal (140% of normal). This ranks as the 18th wettest water year (Oct-Feb) in the 122 year record.

The total monthly snowfall was 13.1” which is 1.3” above normal (111%). This ranks as the 39th snowiest March in the 122 year record.

2010 seasonal snowfall is 82.7” which is 32.6” above normal (165% of normal). This ranks as the 3rd snowiest season (Sept-Feb) in the 122 year record. The top 5 snow seasons are listed below:

Year	Seasonal Snowfall (in)
1980	107.8
1988	85.2
2010	82.7
1990	75.6
1917	69.7

** 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.):

23 Mar 2010:

Daily precipitation of 0.78” breaks the old record of 0.35” set in 1929.

Daily snowfall of 6.0” breaks the old record of 4.0” set in 1974.

Wind:

In March 2010 there were 12 days with maximum wind gusts ≥ 20 mph with 1 day ≥ 30 mph.

The maximum daily wind gust for the month was 48 miles per hour and occurred on 30 March 2010 at 14:50 MST from 170° .