

**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 26<sup>th</sup> 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 14<sup>th</sup> warmest in the 122 year record (1889-2010) tied with 1993.

Mean  $T_{\text{mean}}$  was 42.5 which is 2.3 degrees above the normal for the month. This ranks as the 18<sup>th</sup> 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 34<sup>th</sup> 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 18<sup>th</sup> 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 39<sup>th</sup> 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 3<sup>rd</sup> 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  $\geq$  20 mph with 1 day  $\geq$  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°.