

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



Month: March

Year: 2011

Report created by:

Wendy Ryan

Temperature:

Mean T_{\max} was 57.6 which is 2.9 degrees above the normal for the month. This ranks as the 18th warmest in the 123 year record (1889-2011). The most recent March this warm or warmer was 2009 with 57.8 F.

Mean T_{\min} was 30.7 which is 3.0 degrees above the normal for the month. This ranks as the 4th warmest in the 123 year record (1889-2011). The most recent March this warm or warmer was 2007 with 32.4 F.

Mean T_{mean} was 44.2 which is 3.0 degrees above the normal for the month. This ranks as the 6th warmest in the 123 year record (1889-2011). The most recent March this warm or warmer was 2007 with 46.5 F.

The maximum daily temperature was 73 and occurred on 16 March 2011. The minimum daily temperature was 18 and occurred on 5 March 2011.

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

Highest Minimum Temperature:

20 March 2011: Minimum temperature of 44 ties the old record set in 1978.

31 March 2011: Minimum temperature of 52 ties old record set in 1978.

Precipitation and Snowfall*:

Total monthly precipitation was 0.29” and was 1.31” below normal (18% of normal). This ranks as the 16th driest March in the 123 year record (1889-2011). The most recent March this dry was 1991 with 0.15”.

Water year 2011 precipitation is 3.03” which is 1.78” below normal (63% of normal). This ranks as the 39th driest water year in the 122 year record. The most recent water year this dry was 2009 with 2.72.

Total monthly snowfall is a Trace which is 11.8” below normal for the month (0% of normal). This ranks as the 4th least snowy March in the 123 year record. The most recent March with this little snowfall was 1966 with 0.0” (others were 1910 and 1911 with 0.0”).

Seasonal snowfall is 21.6” which is 28.5” below normal (43% of normal). This ranks as the 36th 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 March 2011 there were 17 days with maximum wind gusts \geq 20 mph and 7 days \geq 30 mph.

The maximum daily wind gust for the month was 46 mph from 270° at 16:50 MST.