

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

Month: December
Year: 2011
Report created by:
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NOTE: Starting with the 2012 water year, the NCDC updated 30 year normals for the period 1981-2010 will be used.

Temperature:

Mean T_{\max} was 42.4 which is 0.4 degrees below the normal for the month. This ranks as the 48th coolest in the 123 year record (1889-2011) tied with 1920, 1944, 1974 and 2000.

Mean T_{\min} was 16.0 which is 1.7 degrees below the normal for the month. This ranks as the 57th coolest in the 123 year record (1889-2011) tied with 1891, 1900 and 1922.

Mean T_{mean} was 29.2 which is 1.0 degree below the normal for the month. This ranks as the 54th coolest in the 123 year record (1889-2011) tied with 1971.

The maximum daily temperature was 59 and occurred on 29 December 2011.

The minimum daily temperature was -5 and occurred on 6 December 2011.

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

Precipitation and Snowfall*:

Total monthly precipitation was 0.79" and was 0.29" above the normal for the month (158% of normal). This ranks as the 23rd wettest in the 123 year record (1889-2011). The last December this wet or wetter was 2009 with 1.11".

Water year 2012 precipitation through December was 3.43" and was 1.02" above the normal (142% of normal). This ranks as the 21st wettest water year on record. The last water year to start this wet or wetter was the 2010 water year with 3.97".

Total monthly snowfall was 13.9" and was 5.5" above the normal (166% of normal) and ranks as the 17th snowiest in the 123 year record (1889 -2011). The last December this snowy or snowier was 2009 with 20.3".

Seasonal snowfall was 34.2" and was 12.7" above the normal for the season by December (159% of normal). This ranks as the 8th snowiest season by December. The last snow season this snowy or snowier was the 2009-10 season which had 52.9" by the end of December.

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

Wind:

In December 2011 there were 6 days with maximum wind gusts ≥ 20 mph and 2 days ≥ 30 mph.

The maximum daily wind gust for the month was 43 mph and occurred on 31 December 2011 at 11:20 MST from 310°.