

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

**Month: November**  
**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 53.4 which is 2.0 degrees above the normal for the month. This ranks as the 42<sup>nd</sup> warmest in the 123 year record (1889-2011).

Mean  $T_{\min}$  was 25.8 which is 0.1 degrees below the normal for the month. This ranks as the 25<sup>th</sup> warmest in the 123 year record (1889-2011) tied with 1917, 1933, and 1984. The last November this warm or warmer was last year with 25.9 degrees F. *(Side note: 19 of the 30 warmest November minimum temperatures are from the period 1981-2011. This illustrates the effect of updating the 30 year normals to the recent warmer period and why this month falls below the recently updated 1981-2010 "normal" although it ranks in the top 25 warmest Novembers on record)*

Mean  $T_{\text{mean}}$  was 39.6 which is 0.9 degrees above the normal for the month. This ranks as the 33<sup>rd</sup> warmest in the 123 year record (1889-2011). The last November this warm or warmer was 2009 with 41.8 degrees F.

Fall (Sept-Nov) 2011 mean temperature was 51.3 degrees which is 1.1 degrees above the normal for the season. This ranks as the 14<sup>th</sup> warmest fall

on record. The last fall this warm or warmer was last year with 52.2 degrees F.

The maximum daily temperature was 65 and occurred on both 18 and 24 November 2011.

The minimum daily temperature was 12 and occurred on 3 November 2011.

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

*Highest Minimum Temperature:*

**14 Nov 11:** Daily minimum of 38 ties the old record set in 1987.

### **Precipitation and Snowfall\*:**

Total monthly precipitation was 0.87” and was 0.11” above the normal for the month (115% of normal). This ranks as the 28<sup>th</sup> wettest in the 123 year record (1889-2011) tied with 1947 and 1990. The last November this wet or wetter was 2004 with 1.28”.

Water year 2012 precipitation through November was 2.64” and was 0.73” above the normal (138% of normal). This ranks as the 24<sup>th</sup> wettest water year on record tied with 1929. The last water year to start this wet or wetter was the 2010 water year with 2.86”.

Total monthly snowfall was 10.6” and was 2.0” above the normal (123% of normal) and ranks as the 23<sup>rd</sup> snowiest in the 123 year record (1889 -2011). The last November this snowy or snowier was 2004 with 13.8”.

Seasonal snowfall was 20.3” and was 7.2” above the normal for the season by November (155% of normal). This ranks as the 17<sup>th</sup> snowiest season by November. The last snow season this snowy or snowier was the 2009-10 season which had 32.6” by the end of November.

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

*Maximum daily snowfall:*

**2 Nov 2011:** Daily snowfall of 9.4” breaks the old record of 6.2” set in 1967.

**Wind:**

In November 2011 there were 12 days with maximum wind gusts  $\geq 20$  mph and 5 days  $\geq 30$  mph.

The maximum daily wind gust for the month was 40 mph and occurred on 12 November 2011 at 12:10 MST from 200°.