

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

Month: March
Year: 2015



Temperature:

Mean T_{\max} was 61.5°F which is 6.8 degrees above the normal for the month. This ranks as the 4th warmest in the 127 year record (1889-2015). The last March this warm or warmer was 2012 with 67.2°F .

Mean T_{\min} was 30.1°F which is 1.9 degrees above the normal for the month. This ranks as the 8th warmest in the 127 year record (1889-2015). The last March this warm or warmer was 2012 with 32.7°F .

Mean T_{mean} was 45.8°F which is 4.4 degrees above the normal for the month. This ranks as the 6th warmest in the 127 year record (1889-2015). The last March this warm or warmer was 2012 with 50.0°F .

The maximum daily temperature was 80°F and occurred on 16 March 2015.
****This set a new record for the EARLIEST 80 degree day. The previous record date was March 18th, 1921.**

The minimum daily temperature was 3°F and occurred on 5 March 2015.

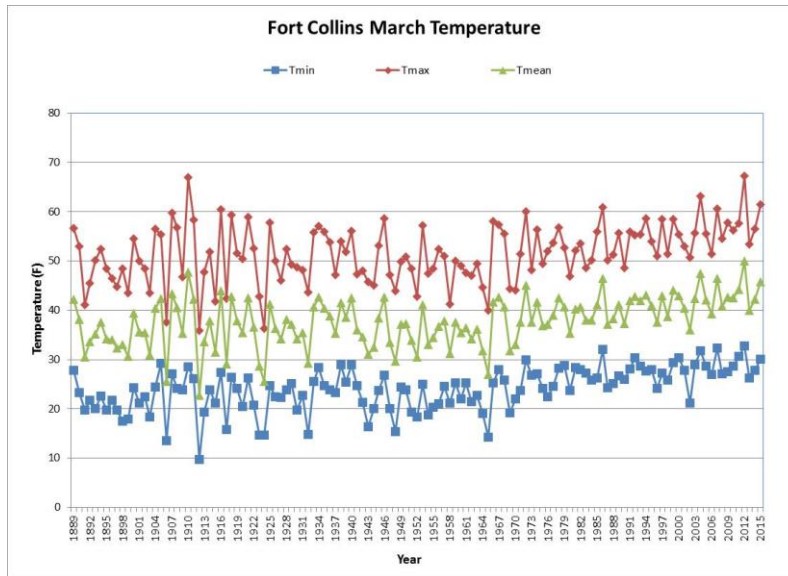


Figure 1: March temperature time series.

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

Highest Maximum Temperature:

15 March 2015: The maximum temperature of 79F broke the previous record of 76 set in 2013.

16 March 2015: The maximum temperature of 80F broke the previous record of 77F set in 2012. This is also the new earliest 80 degree day (see above).

28 March 2015: The maximum temperature of 80F broke the previous record of 77F set in 1986.

31 March 2015: The maximum temperature of 80F tied the previous record set in 1946 and 2012.

Highest Minimum Temperature:

13 March 2015: The minimum temperature of 47F shattered the previous record of 38F set in 2002 and 2004.

Precipitation and Snowfall:

Total monthly precipitation was 0.21” and was 1.38” below the normal for the month (13% of normal). This ranks as the 13th driest in the 127 year

record (1889-2015). The last March this dry was 2012 with a Trace of precipitation.

Water year precipitation through February totaled 3.73” and was 1.07” below the normal for the water year (78% of normal). This ranks as the 59th driest water year in the 126 year record (1890-2015).

Total monthly snowfall was 3.8” and was 8.8” below the normal for the month (30% of normal). This ranks as the 31st least snowiest March in the 127 year record (1889-2015). The last March with this little snowfall was 2012 with a Trace of snowfall.

Seasonal snowfall is 38.2” which is 10.7” below the normal for the season through March (78% of normal). This ranks as the 61st snowiest season in the 126 year record (1890-2015).

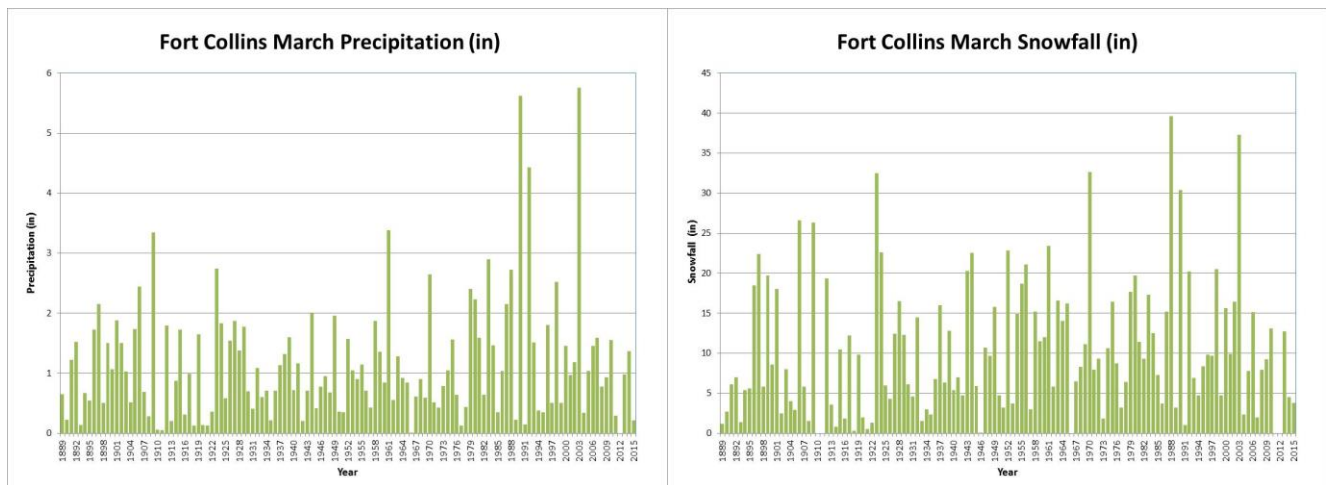


Figure 2: March precipitation (left) and snowfall (right) time series.

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

For snow season 2014-2015, Fort Collins has experienced 47 days with snow depth ≥ 1 " compared to the normal of 44 days by the end of March.

Wind:

In March 2015 there were 10 days with maximum wind gusts ≥ 20 mph and 2 days ≥ 30 mph.

The maximum daily wind gust for the month was 32.5 mph and occurred on 3 March 2015 at 3:10 MST from 255°.