

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

Month: March
Year: 2014



Temperature:

Mean T_{\max} was 56.5 which is 1.8 degrees above the normal for the month. This ranks as the 26th warmest in the 126 year record (1889-2014) tied with 1904. The last March this warm or warmer was 2012 with 67.2 degrees.

Mean T_{\min} was 27.8 degrees which is 0.4 degrees below the normal for the month. This ranks as the 26th warmest in the 126 year record (1889-2014) tied 1889 and 2001. The last March this warm or warmer was 2012 with 32.7 degrees.

Mean T_{mean} was 42.2 degrees which is 0.8 degrees above the normal for the month. This ranks as the 26th warmest in the 126 year record (1889-2014) tied with 1889 and 1911. The last March this warm or warmer was 2012 with 50.0 degrees.

The maximum daily temperature was 74 and occurred on 9 March 2014.
The minimum daily temperature was 3 and occurred on 2 March 2014.

A time series of temperatures for Fort Collins, CO is shown in Figure 1 below.

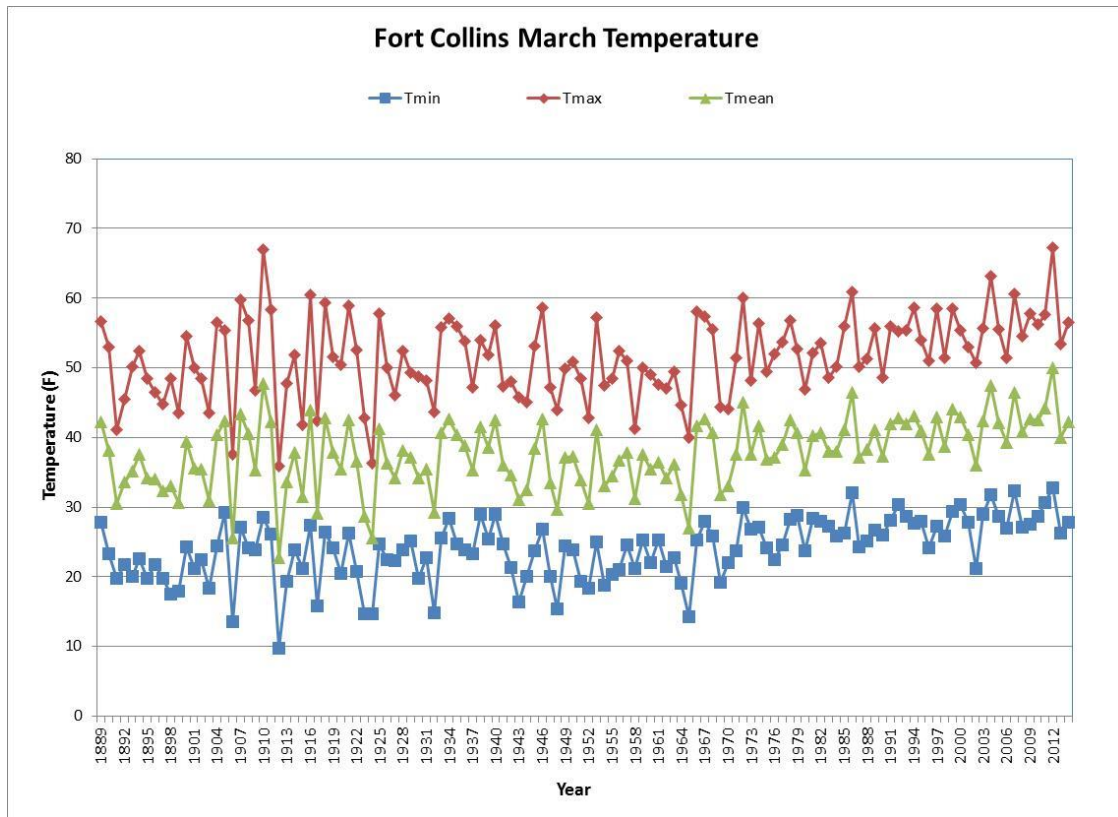


Figure 1: March temperature time series

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

None

Precipitation and Snowfall:

Total monthly precipitation was 1.37” and was 0.22” below the normal for the month (86% of normal). This ranks as the 44th wettest in the 126 year record (1889-2014). The last March with this much precipitation or more was 2010 with 1.55”.

Water year 2014 precipitation was 5.45” and was 0.65” above the normal for the water year through March (114% of normal). This ranks as the 27th wettest start to a water year in the 125 year record (1890-2014). The last water year to start this wet was water year 2010 with 6.32”.

Total monthly snowfall was 4.5” and was 8.1” below the normal for the month (36% of normal). This ranks as the 35th least snowy March in the 126 year record (1889-2014). The last March with this amount of snow or less was 2012 with just a Trace of snowfall.

Seasonal snowfall was 41.0” which was 7.9” below the normal for the season through March (84% of normal). This ranks as the 53rd snowiest start to a season in the 125 year record (1890-2014).

Time series of March precipitation and snowfall are shown in figure 2.

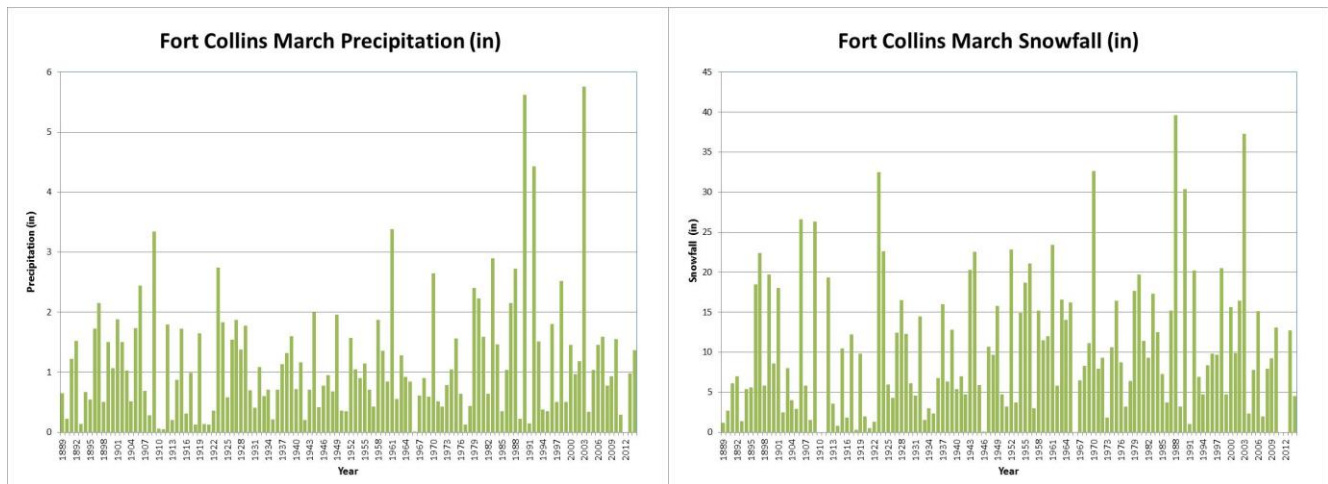


Figure 2: March precipitation (left) and snowfall (right) time series.

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

None.

Wind:

In March 2014 there were 15 days with maximum wind gusts ≥ 20 mph and 5 days ≥ 30 mph.

The maximum daily wind gust for the month was 35 mph and occurred on 11 March 2014 at 10:10 MST from 028°.