

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

Month: April
Year: 2015



Temperature:

Mean T_{\max} was 63.3°F which is 1.1 degrees above the normal for the month. This ranks as the 34th warmest in the 127 year record (1889-2015). The last April this warm or warmer was last year with 64.1°F .

Mean T_{\min} was 36.2°F which is 0.7 degrees above the normal for the month. This ranks as the 21st warmest in the 127 year record (1889-2015). The last April this warm or warmer was last year with 36.3°F .

Mean T_{mean} was 49.8°F which is 0.9 degrees above the normal for the month. This ranks as the 23rd warmest in the 127 year record (1889-2015). The last April this warm or warmer was last year with 50.2°F .

The maximum daily temperature was 80°F and occurred on 30 April 2015.
The minimum daily temperature was 25°F and occurred on 4 April 2015.

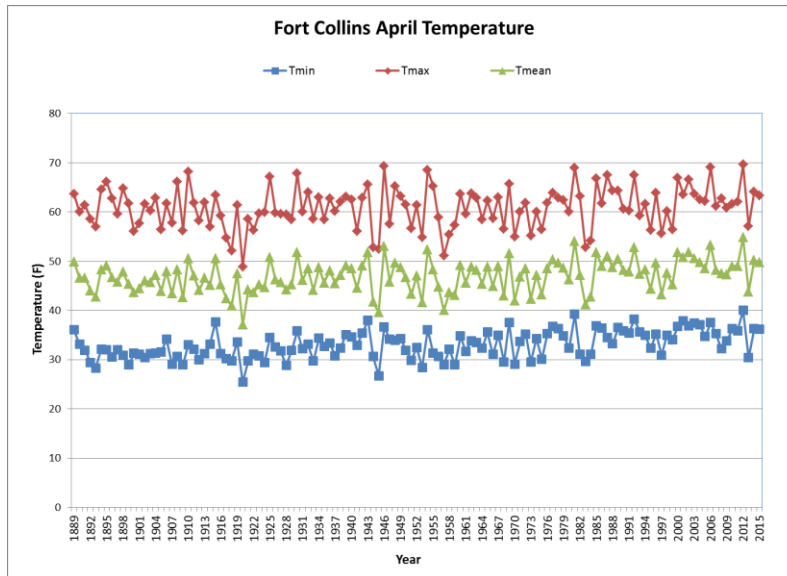


Figure 1: April temperature time series.

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

None

Precipitation and Snowfall:

Total monthly precipitation was 3.32” and was 1.26” above the normal for the month (161% of normal). This ranks as the 18th wettest in the 127 year record (1889-2015). The last April this wet was 2009 with 4.44” of precipitation.

Water year precipitation through April totaled 7.05” and was 0.19” above the normal for the water year (103% of normal). This ranks as the 43rd wettest water year in the 126 year record (1890-2015). The last water year this wet through April was 2010 with 9.47”.

Total monthly snowfall was 2.6” and was 3.6” below the normal for the month (42% of normal). This ranks as the 49th least snowiest April in the 127 year record (1889-2015) tied with 1976. The last April with this little snowfall was 2012 with a Trace of snowfall.

Seasonal snowfall is 40.8” which is 14.3” below the normal for the season through April (74% of normal). This ranks as the 53rd least snowy season in the 126 year record (1890-2015). The last snow season with this little snowfall was 2011 with 23.7”.

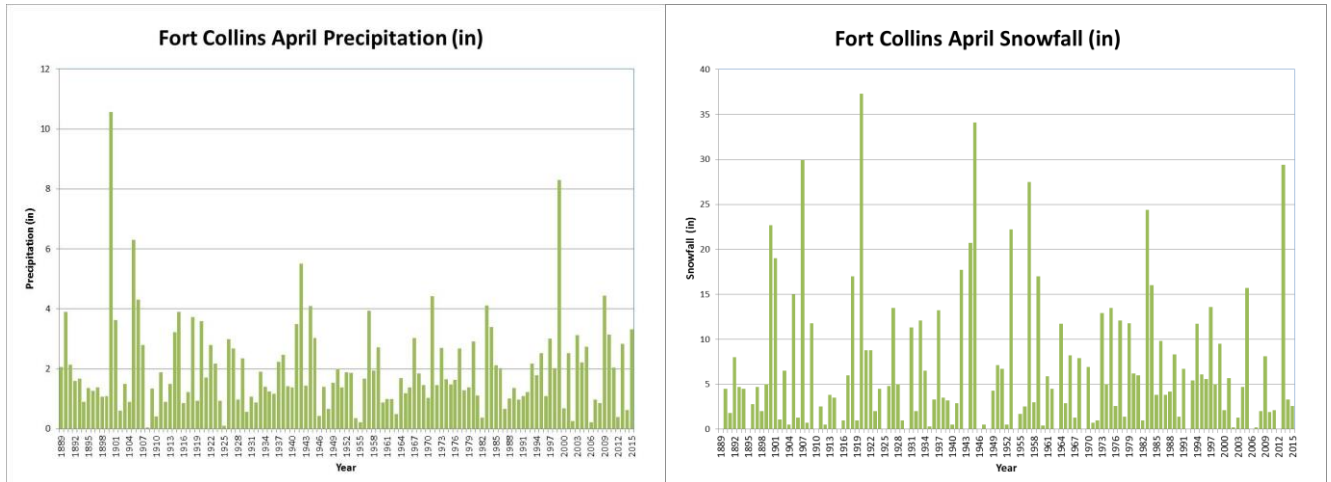


Figure 2: April precipitation (left) and snowfall (right) time series.

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

For snow season 2014-2015, Fort Collins has experienced 48 days with snow depth ≥ 1 ” compared to the normal of 46 days by the end of April.

Wind:

In April 2015 there were 11 days with maximum wind gusts ≥ 20 mph and 2 days ≥ 30 mph.

The maximum daily wind gust for the month was 30.4 mph and occurred on 1 April 2015 at 11:30 MST from 195°.

Evapotranspiration

Pan evaporation for April was 4.51” which was 0.21” below the normal for April (96% of normal).