

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

Month: January
Year: 2015



Temperature:

Mean T_{\max} was 48.1°F which is 3.9 degrees above the normal for the month. This ranks as the 13th warmest in the 127 year record (1889-2015) tied with 1923. The last January this warm or warmer was 2012 with 51.5°F .

Mean T_{\min} was 21.0°F which is 3.1 degrees above the normal for the month. This ranks as the 8th warmest in the 127 year record (1889-2015) tied with 1990 and 2000. The last January this warm or warmer was 2012 with 21.7°F .

Mean T_{mean} was 34.6°F which is 3.5 degrees above the normal for the month. This ranks as the 9th warmest in the 127 year record (1889-2015). The last January this warm or warmer was 2012 with 36.6°F .

The maximum daily temperature was 75°F and occurred on 26 January 2015. The minimum daily temperature was -3°F and occurred on 1 January 2015.

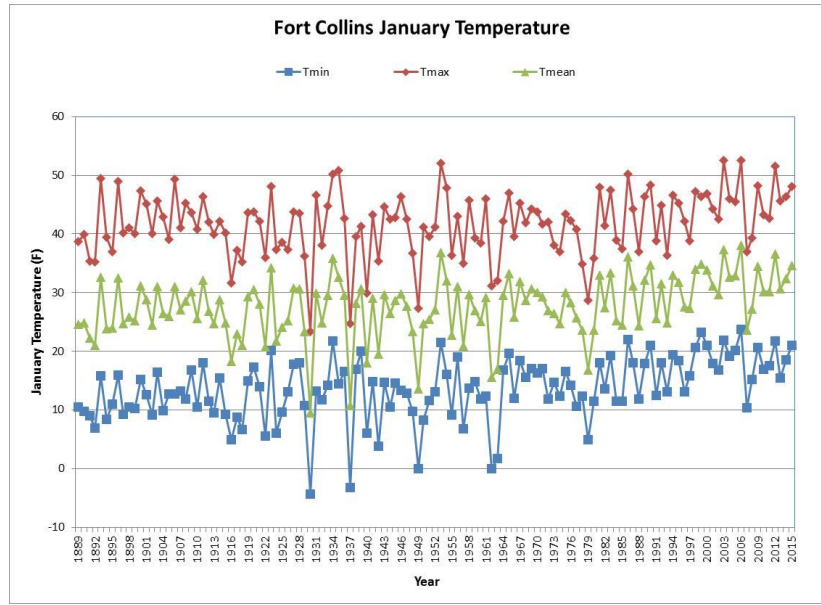


Figure 1: January temperature time series.

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

Highest Maximum Temperature:

26 January 2015: The maximum temperature of 75F broke the previous record of 71F set in 1982.

27 January 2015: The maximum temperature of 72F broke the previous record of 65F set in 1987.

Highest Minimum Temperature:

17 January 2015: The minimum temperature of 39F tied the record set in 2011.

29 January 2015: The minimum temperature of 37 broke the previous record of 36F set in 1917.

Precipitation and Snowfall:

Total monthly precipitation was 0.11” and was 0.29” below the normal for the month (28% of normal). This ranks as the 23rd driest in the 127 year record (1889-2015) tied with 1908, 1954 and 2013. The last January this dry or drier was 2013 with 0.11”.

Water year precipitation through January totaled 2.43” and was 0.38” below the normal for the water year (87% of normal). This ranks as the 65th driest in the 126 year record (1890-2015) tied with 1939.

Total monthly snowfall was 2.0” and was 5.9” below the normal for the month (25% of normal). This ranks as the 28th least snowy January in the 127 year record (1889-2015) tied with 1898, 1901, 1923 and 1974. The last January with this little snowfall was 2012 with 1.0”.

Seasonal snowfall is 17.4” which is 12.0” below the normal for the season through January (59% of normal). This ranks as the 47th least snowy season in the 126 year record (1890-2015). The last snow season with this little snowfall by the end of January was 2013 with 15.3”.

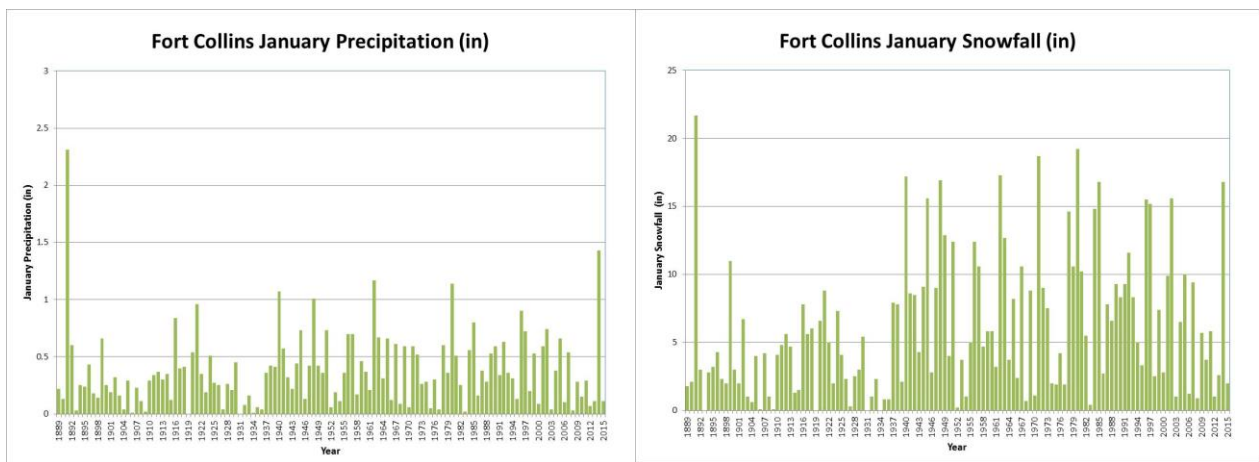


Figure 2: January precipitation (left) and snowfall (right) time series.

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

Wind:

In January 2015 there were 10 days with maximum wind gusts ≥ 20 mph and 3 days ≥ 30 mph.

The maximum daily wind gust for the month was 38.0 mph and occurred on 16 January 2015 at 22:10 MST from 301° .