

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

**Month: January**  
**Year: 2013**



## **Temperature:**

Mean  $T_{\max}$  was 45.6 which is 1.4 degrees above the normal for the month. This ranks as the 30<sup>th</sup> warmest in the 125 year record (1889-2013) tied with 1903.

Mean  $T_{\min}$  was 15.5 degrees which is 2.4 degrees below the normal for the month. This ranks as the 48<sup>th</sup> warmest in the 125 year record (1889-2013).

Mean  $T_{\text{mean}}$  was 30.6 degrees which is 0.6 degrees below the normal for the month. This ranks as the 30<sup>th</sup> warmest in the 125 year record (1889-2013).

The maximum daily temperature was 62 and occurred on 23 and 24 January 2013.

The minimum daily temperature was -4 and occurred on 15 January 2013.

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

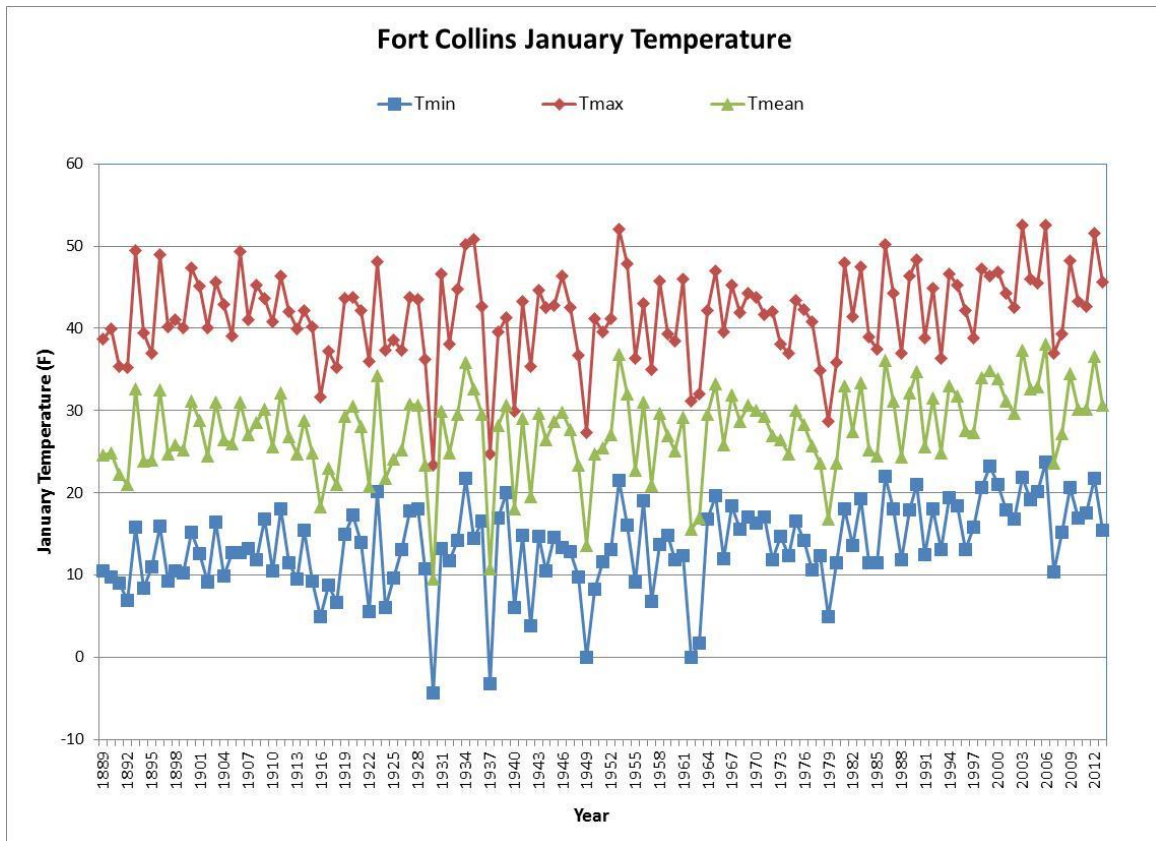


Figure 1: January temperature time series

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

**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 23<sup>rd</sup> driest in the 125 year record (1889-2013) tied with 1908 and 1954.

Water year 2013 precipitation total was 1.31” and was 1.50” below the normal for the water year through January (47% of normal). This ranks as the 16<sup>th</sup> driest start to the water year in the 124 year data record (1890-2013) tied with 1936. The last water year to start this dry was 1978 with 1.20”.

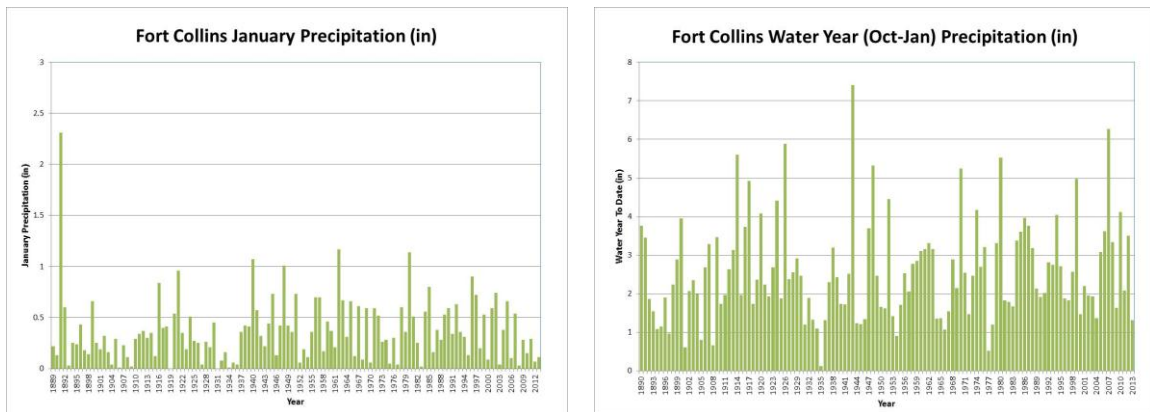
Total monthly snowfall was 2.6” which is 5.3” below the normal for the month (33% of normal) This ranks as the 40<sup>th</sup> least snowy January in the

125 year record (1889-2013). The last January with this little snowfall was 2012 with 1.0”.

Seasonal snowfall is 15.3” which is 14.1” below the normal for the season (52% of normal). This ranks as the 38<sup>th</sup> least snowy season in the 124 year snow season record (1890-2013). The last season with this little snow was 2011 with 15.2”.

Time series of January and water year precipitation are shown in Figure 2.

Figure 2: January (left) and calendar year (right) precipitation time series



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

#### Wind:

In January 2013 there were 7 days with maximum wind gusts  $\geq 20$  mph and 0 days  $\geq 30$  mph.

The maximum daily wind gust for the month was 29 mph and occurred on 27 January 2013 at 15:50 MST from 200°.