Month: January  
Year: 2013

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

Mean $T_{\text{min}}$ was 15.5 degrees which is 2.4 degrees below the normal for the month. This ranks as the 48th 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 30th 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\textsuperscript{rd} 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\textsuperscript{th} 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\textsuperscript{th} 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 38th 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°.