

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

Month: June
Year: 2018



Credit: Nolan Doesken

Temperature:

Mean T_{\max} was 86.4°F which is 6.0° above the 1981-2010 normal for the month. This is the 6th warmest in the 130 year record (1889-2018). The last June this warm or warmer was 2016 with 86.7°F.

Mean T_{\min} was 55.1°F which is 2.5° above the 1981-2010 normal for the month. This is the 8th warmest in the 130 year record (1889-2018). The last June this warm or warmer was 2017 with 53.9°F

Mean T_{mean} was 70.8°F which is 4.3° above the 1981-2010 normal for the month. This is the 6th warmest in the 130 year record (1889-2018). The last June this warm or warmer was 2016 with 71.3°F.

The maximum daily temperature for the month was 101°F and occurred on June 28, 2018.

The minimum daily temperature for the month was 47°F and occurred on June 3, 2018.

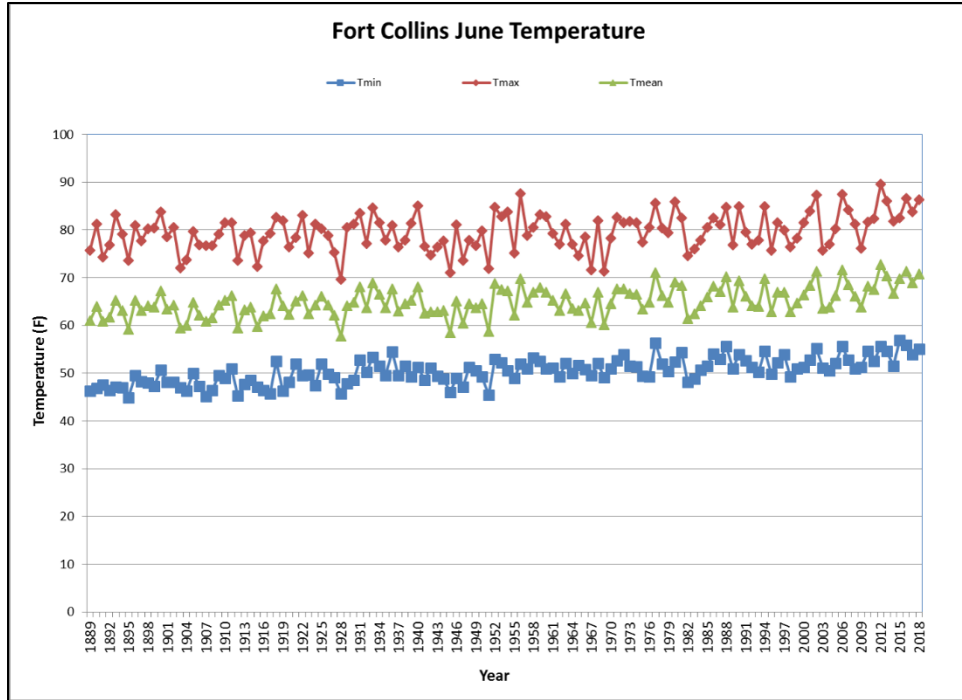


Figure 1: June temperature time series.

Misc. Temperature (record status, thresholds, etc.):

Maximum Daily Temperature:

June 5, 2018: The maximum temperature of 95°F tied the record for the day, originally set in 1977.

June 28, 2018: The maximum temperature of 101°F broke the previous record of 97°F set in 1898 and tied in 2013.

90 Degree Days:

June had 13 days at or above 90°F. The average number days in the 90s for June is 4.

Precipitation:

Total monthly precipitation was 1.22” which is 0.95” below the 1981-2010 normal for the month (56% of normal). This ranks as the 51st driest in the 130 year record (1889-2018). The last June this dry or drier was 2017 with 0.14” of precipitation.

Water year precipitation through June totaled 11.49” which is 0.03” above the 1981-2010 normal for the water year (100.3% of normal). This ranks as the 47th wettest start to a water year in the 129 year record (1890-2018). The last year to start this wet or wetter was 2016 with 12.82” through June.

June had 8 days with measurable precipitation (≥ 0.01 ”).

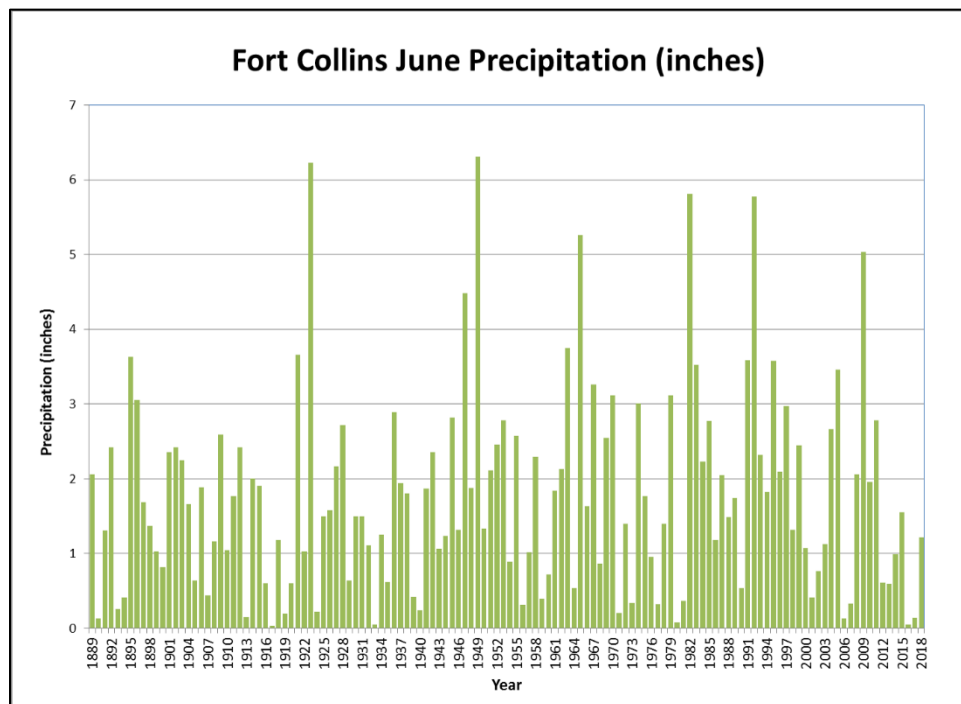


Figure 2: June precipitation time series

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

No precipitation records in June

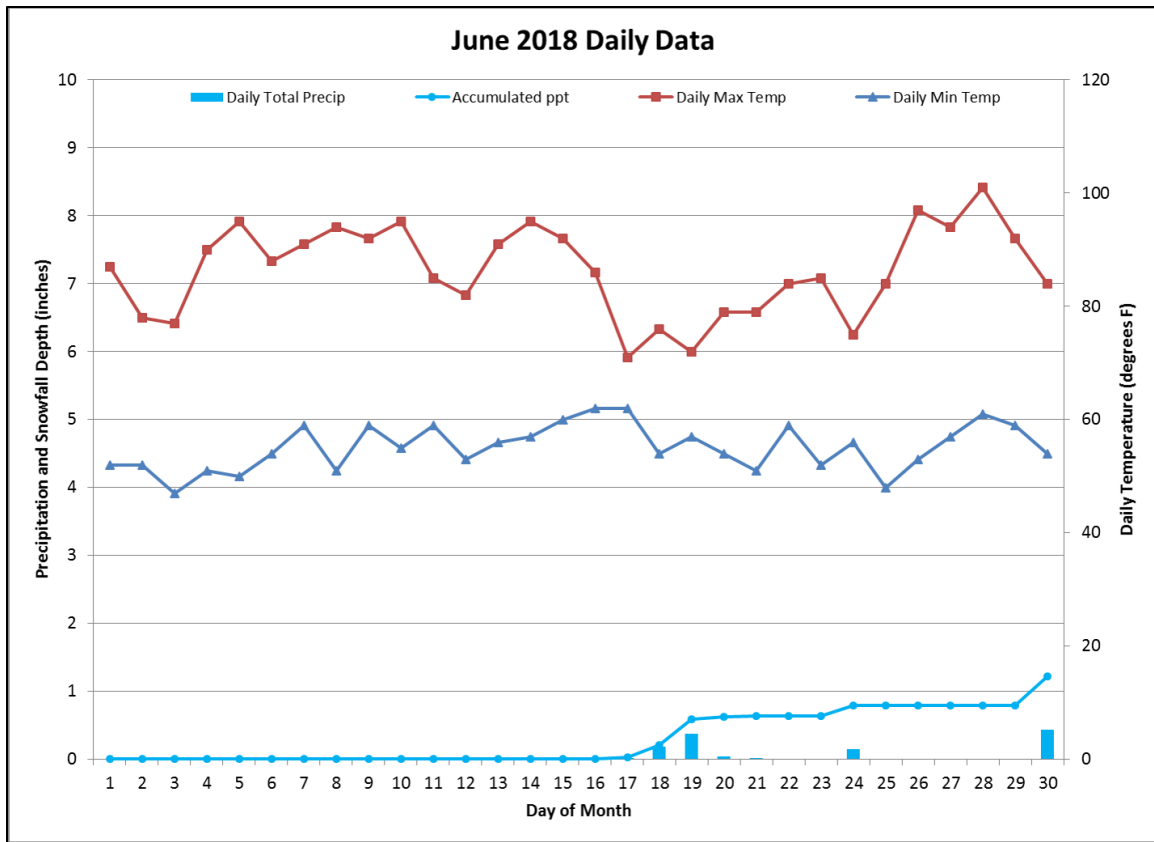


Figure 3: Daily Data for June 2018. Precipitation and temperature both show up on this graph. The y-axis on the left is for precipitation and snowfall. The y-axis on the right is for temperature.

Wind:

In June 2018 there were 12 days with maximum wind gusts ≥ 20 mph and 2 days ≥ 30 mph.

The maximum daily wind gust for the month was 32 mph and occurred on June 27, 2018 at 6:00 PM MST from 210°.

Evaporation:

Pan evaporation for June 2018 was 7.77” which was 0.66” above the normal for June (109% of normal).