

PIERCE COLLEGE WEATHER STATION
Anthropological and Geographical Sciences Department
Weather Summary for July 2019

34° 10' 55" North Latitude; 118° 34' 29" West Longitude
790.0 Feet (240.8 Meters) Above Mean Sea Level

Thermometry:

Air Temperature:

Extreme Maximum:	105.0 F	40.6 C	on the 24th
Lowest Maximum:	82.0 F	27.8 C	on the 8th
Extreme Minimum:	55.0 F	12.8 C	on the 5th
Highest Minimum:	71.0 F	21.7 C	on the 23rd, 25th
Extreme Monthly Range:	50.0 F	27.8 C	
Mean Daily Maximum:	94.7 F	34.9 C	
Mean Daily Minimum:	61.5 F	16.4 C	
Mean Monthly:	78.1 F	25.6 C	
Maximum Daily Mean:	87.5 F	30.8 C	on the 23rd
Minimum Daily Mean:	71.0 F	21.7 C	on the 5th
Maximum Diurnal Range:	41.0 F	22.8 C	on the 15th
Minimum Diurnal Range:	20.0 F	11.1 C	on the 8th
Mean Monthly Diurnal Range:	33.3 F	18.5 C	

Hydrology (Precipitation):

Occurrences:	none	
Monthly Total:	0 in	0.0 mm
Normal:*	0.02 in	0.5 mm
Monthly Normal Precipitation (%):	0.0 %	

Hygrology (Humidity):

Relative Humidity: (1600 P.D.T.)

Maximum:	48.0 %	on the 8th
Minimum:	19.0 %	on the 23rd

Dew Point: (1600 P.D.T.)

Maximum:	61.2 F	16.2 C	on the 30th
Minimum:	48.5 F	9.2 C	on the 1st

Barometry (Atmospheric Pressure): (1600 P.D.T.)

Maximum:	1016.0 mb	29.97 in	on the 10th
Minimum:	1009.4 mb	29.78 in	on the 12th
Mean Monthly @ 1600 P.D.T.	1013.0 mb	29.88 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 31 July 2019, inclusive. The station's period of record thus covers 71 Julys.

Temperature:

Extreme maximum for any July:	119.0 F	48.3 C	on the 22nd, 2006
Extreme minimum for any July:	42.0 F	5.6 C	on the 21st, 1952
Highest July mean daily maximum:	103.4 F	39.6 C	in 2006
Lowest July mean daily maximum:	88.2 F	31.2 C	in 1993
Lowest July mean daily minimum:	53.1 F	11.7 C	in 1987
Highest July mean daily minimum:	66.7 F	19.3 C	in 2018
Highest July mean monthly:	84.0 F	28.9 C	in 2006
Lowest July mean monthly:	71.3 F	21.8 C	in 1987

Precipitation:

Extreme maximum for any July:	0.71 in	18.0 mm	in 2015
Maximum precipitation-day for any July:	0.40 in	10.2 mm	on the 19th, 2015

59 out of 71 Julys on record at this station have recorded
0.00 inches of precipitation; or 83.1% of all Julys.

2 out of 71 Julys on record at this station have recorded
below normal precipitation (0.02 in or 0.5 mm);
or 2.8% of all Julys.

10 out of 71 Julys on record at this station have recorded
at or above normal precipitation (0.02 in or 0.5 mm);
or 14.1% of all Julys.

* Normal refers to the 1981-2010 climatological 30-year period.