

PIERCE COLLEGE WEATHER STATION
Anthropological and Geographical Sciences Department
Weather Summary for July 2016

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:	112.0 F	44.4 C	on the 22nd
Lowest Maximum:	87.0 F	30.6 C	on the 5th
Extreme Minimum:	56.0 F	13.3 C	on the 4th
Highest Minimum:	69.0 F	20.6 C	on the 26th, 27th, 30th
Extreme Monthly Range:	56.0 F	31.1 C	
Mean Daily Maximum:	97.8 F	36.6 C	
Mean Daily Minimum:	62.1 F	16.7 C	
Mean Monthly:	80.0 F	26.7 C	
Maximum Daily Mean:	89.0 F	31.7 C	on the 22nd
Minimum Daily Mean:	72.5 F	22.5 C	on the 4th
Maximum Diurnal Range:	46.0 F	25.6 C	on the 22nd
Minimum Diurnal Range:	27.0 F	15.0 C	on the 5th
Mean Monthly Diurnal Range:	35.7 F	19.8 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:	43.0 %	on the 6th
Minimum:	6.0 %	on the 18th

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

Maximum:	59.7 F	15.4 C	on the 12th
Minimum:	17.7 F	-7.9 C	on the 18th

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

Maximum:	1015.0 mb	29.94 in	on the 3rd, 4th
Minimum:	1008.0 mb	29.74 in	on the 29th
Mean Monthly @ 1600 P.D.T.	1011.9 mb	29.85 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 31 July 2016, inclusive. The station's period of record thus covers 68 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:	64.6 F	18.1 C	in 2006
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

56 out of 68 Julys on record at this station have recorded
0.00 inches of precipitation; or 82.4% of all Julys.

2 out of 68 Julys on record at this station have recorded
below normal precipitation (0.02 in or 0.5 mm);
or 2.9% of all Julys.

10 out of 68 Julys on record at this station have recorded
at or above normal precipitation (0.02 in or 0.5 mm);
or 14.7% of all Julys.

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