

PIERCE COLLEGE WEATHER STATION
Anthropological and Geographical Sciences Department
Weather Summary for August 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:	107.0 F	41.7 C	on the 14th, 15th, 30th
Lowest Maximum:	86.0 F	30.0 C	on the 26th, 27th
Extreme Minimum:	55.0 F	12.8 C	on the 18th
Highest Minimum:	66.0 F	18.9 C	on the 14th
Extreme Monthly Range:	62.5 F	34.7 C	
Mean Daily Maximum:	97.5 F	36.4 C	
Mean Daily Minimum:	60.9 F	16.1 C	
Mean Monthly:	79.2 F	26.2 C	
Maximum Daily Mean:	86.5 F	30.3 C	on the 14th
Minimum Daily Mean:	72.0 F	22.2 C	on the 27th
Maximum Diurnal Range:	46.0 F	25.6 C	on the 16th, 17th
Minimum Diurnal Range:	24.0 F	13.3 C	on the 26th
Mean Monthly Diurnal Range:	36.6 F	20.3 C	

Hydrology (Precipitation):

Occurrences:	0 in	0.0 mm	
Monthly Total:	0 in	0.0 mm	
Normal:*	0.05 in	1.3 mm	
Monthly Normal Precipitation (%):	0.0 %		

Hygrology (Humidity):

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

Maximum:	41.9 %	on the 26th
Minimum:	4.1 %	on the 17th

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

Maximum:	61.8 F	16.5 C	on the 5th
Minimum:	10.67 F	-11.9 C	on the 17th

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

Maximum:	1014.0 mb	29.91 in	on the 11th, 23rd
Minimum:	1008.0 mb	29.74 in	on the 6th, 7th, 8th, & 30th
Mean Monthly @ 1600 P.D.T.	1010.5 mb	29.81 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 August 1949 to 31 August 2016, inclusive. The station's record thus covers 68 Augusts.

Temperature:

Extreme maximum for any August:	116.0 F	46.7 C	on the 24th, 1985
Extreme minimum for any August:	42.0 F	5.6 C	on the 6th, 1950
Highest August mean daily maximum:	101.2 F	38.4 C	in 1996 & 1998
Lowest August mean daily maximum:	87.9 F	31.1 C	in 1954
Lowest August mean daily minimum:	50.5 F	10.3 C	in 1950
Highest August mean daily minimum:	65.0 F	18.4 C	in 2012
Highest August mean monthly:	82.5 F	28.0 C	in 2012
Lowest August mean monthly:	70.3 F	21.3 C	in 1954

Precipitation:

Extreme maximum for any August:	2.49 in	63.2 mm	in 1977
Maximum precipitation-day for any August:	2.35 in	59.7 mm	on the 17th, 1977

49 out of 68 Augusts on record at this station have recorded
0.00 inches of precipitation; or 72.1% of all Augusts.

9 out of 68 Augusts on record at this station have recorded
below normal precipitation (0.05 in or 1.3 mm);
or 13.2% of all Augusts.

10 out of 68 Augusts on record at this station have recorded
at or above normal precipitation (0.05 in or 1.3 mm);
or 14.7% of all Augusts.

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