

PIERCE COLLEGE WEATHER STATION
Anthropological and Geographical Sciences Department
Weather Summary for August 2017

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 29th, 30th
Lowest Maximum:	83.0 F	28.3 C	on the 16th
Extreme Minimum:	58.0 F	14.4 C	on the 17th, 20th, 22nd
Highest Minimum:	75.0 F	23.9 C	on the 2nd
Extreme Monthly Range:	73.0 F	40.6 C	
Mean Daily Maximum:	97.5 F	36.4 C	
Mean Daily Minimum:	64.2 F	17.9 C	
Mean Monthly:	80.9 F	27.2 C	
Maximum Daily Mean:	92.0 F	33.3 C	on the 29th, 31st
Minimum Daily Mean:	73.5 F	23.1 C	on the 20th
Maximum Diurnal Range:	45.0 F	25.0 C	on the 28th
Minimum Diurnal Range:	19.0 F	10.6 C	on the 16th
Mean Monthly Diurnal Range:	33.4 F	18.5 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:	52.0 %		on the 15th
Minimum:	13.0 %		on the 28th

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

Maximum:	65.4 F	18.6 C	on the 2nd
Minimum:	45.4 F	7.4 C	on the 26th

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

Maximum:	1014.0 mb	29.91 in	on the 21st
Minimum:	1005.0 mb	29.65 in	on the 30th, 31st
Mean Monthly @ 1600 P.D.T.	1010.3 mb	29.80 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 31 August 2017, inclusive. The station's record thus covers 69 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

50 out of 69 Augusts on record at this station have recorded
0.00 inches of precipitation; or 73.5% of all Augusts.

9 out of 69 Augusts on record at this station have recorded
below normal precipitation (0.05 in or 1.3 mm);
or 13.0% of all Augusts.

10 out of 69 Augusts on record at this station have recorded
at or above normal precipitation (0.05 in or 1.3 mm);
or 14.5% of all Augusts.

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