

**PIERCE COLLEGE WEATHER STATION**  
**Anthropological and Geographical Sciences Department**  
**Weather Summary for August 2018**

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 6th, 9th
Lowest Maximum:	88.0 F	31.1 C	on the 28th
Extreme Minimum:	57.0 F	13.9 C	on the 28th, 30th
Highest Minimum:	70.0 F	21.1 C	on the 1st, 17th
Extreme Monthly Range:	62.5 F	34.7 C	
Mean Daily Maximum:	96.8 F	36.0 C	
Mean Daily Minimum:	63.8 F	17.7 C	
Mean Monthly:	80.3 F	26.8 C	
Maximum Daily Mean:	86.5 F	30.3 C	on the 1st
Minimum Daily Mean:	72.5 F	22.5 C	on the 28th
Maximum Diurnal Range:	46.0 F	25.6 C	on the 6th
Minimum Diurnal Range:	24.0 F	13.3 C	on the 21st
Mean Monthly Diurnal Range:	33.0 F	18.3 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:	43.0 %	on the 27th
Minimum:	11.0 %	on the 9th

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

Maximum:	64.9 F	18.3 C	on the 16th
Minimum:	37.2 F	2.9 C	on the 9th

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

Maximum:	1015.5 mb	29.96 in	on the 17th
Minimum:	1007.7 mb	29.73 in	on the 7th
Mean Monthly @ 1600 P.D.T.	1012.2 mb	29.86 in	

## **STATION STATISTICS:**

Effective dates for statistics in this report are based the following observational period:  
01 July 1949 to 31 August 2018, inclusive. The station's record thus covers 70 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

51 out of 70 Augusts on record at this station have recorded  
0.00 inches of precipitation; or 72.9% of all Augusts.

9 out of 70 Augusts on record at this station have recorded  
**below** normal precipitation (0.05 in or 1.3 mm);  
or 12.9% of all Augusts.

10 out of 70 Augusts on record at this station have recorded  
**at or above** normal precipitation (0.05 in or 1.3 mm);  
or 14.2% of all Augusts.

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