

**PIERCE COLLEGE WEATHER STATION**  
**Anthropological and Geographical Sciences Department**  
**Weather Summary for August 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 6th
Lowest Maximum:	88.0 F	31.1 C	on the 18th
Extreme Minimum:	57.0 F	13.9 C	on the 10th
Highest Minimum:	66.0 F	18.9 C	on the 26th
Extreme Monthly Range:	55.5 F	30.8 C	
Mean Daily Maximum:	97.8 F	36.6 C	
Mean Daily Minimum:	60.6 F	15.9 C	
Mean Monthly:	79.2 F	26.2 C	
Maximum Daily Mean:	83.5 F	28.6 C	on the 6th
Minimum Daily Mean:	74.0 F	23.3 C	on the 18th
Maximum Diurnal Range:	44.0 F	24.4 C	on the 14th, 15th
Minimum Diurnal Range:	28.0 F	15.6 C	on the 18th
Mean Monthly Diurnal Range:	37.2 F	20.7 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:	36.0 %	on the 28th
Minimum:	10.0 %	on the 9th

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

Maximum:	60.5 F	15.8 C	on the 28th
Minimum:	33.1 F	0.6 C	on the 9th

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

Maximum:	1014.0 mb	29.91 in	on the 1st
Minimum:	1007.2 mb	29.71 in	on the 22nd
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 August 2019, inclusive. The station's record thus covers 71 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

52 out of 71 Augusts on record at this station have recorded  
0.00 inches of precipitation; or 73.2% of all Augusts.

9 out of 71 Augusts on record at this station have recorded  
**below** normal precipitation (0.05 in or 1.3 mm);  
or 12.7% of all Augusts.

10 out of 71 Augusts on record at this station have recorded  
**at or above** normal precipitation (0.05 in or 1.3 mm);  
or 14.1% of all Augusts.

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