

**PIERCE COLLEGE WEATHER STATION**  
**Anthropological and Geographical Sciences Department**  
**Weather Summary for September 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:	111.0 F	43.9 C	on the 1st
Lowest Maximum:	73.0 F	22.8 C	on the 22nd
Extreme Minimum:	47.0 F	8.3 C	on the 23rd
Highest Minimum:	76.0 F	24.4 C	on the 1st, 2nd, & 3rd
Extreme Monthly Range:	64.0 F	35.6 C	
Mean Daily Maximum:	90.6 F	32.6 C	
Mean Daily Minimum:	60.0 F	15.5 C	
Mean Monthly:	75.3 F	24.1 C	
Maximum Daily Mean:	93.5 F	34.2 C	on the 1st
Minimum Daily Mean:	61.5 F	16.4 C	on the 22nd
Maximum Diurnal Range:	45.0 F	25.0 C	on the 28th
Minimum Diurnal Range:	16.0 F	8.9 C	on the 15th & 21st
Mean Monthly Diurnal Range:	30.7 F	17.0 C	

**Hydrology (Precipitation):**

Occurrences:	0.09 in	2.3 mm	on the 4th
Monthly Total:	0.09 in	2.3 mm	
Normal:*	0.16 in	4.1 mm	
Monthly Normal Precipitation (%):	56.3 %		

**Hygrology (Humidity):**

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

Maximum:	61.0 %		on the 4th
Minimum:	9.00 %		on the 28th

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

Maximum:	65.1 F	18.4 C	on the 4th
Minimum:	25.6 F	-3.6 C	on the 28th

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

Maximum:	1013.0 mb	29.88 in	on the 4th
Minimum:	1007.0 mb	29.71 in	on the 26th
Mean Monthly @ 1600 P.D.T.	1010.1 mb	29.80 in	

### **STATION STATISTICS:**

Effective dates for statistics in this report are based the following observational period:

01 July 1949 to 30 September 2017, inclusive.

The station's period of record thus covers 69 Septembers.

### **Temperature:**

Extreme maximum for any Sept.:	115.0 F	46.1 C	on the 15th, 1971 & on the 6th, 1955
Extreme minimum for any Sept.:	33.0 F	0.6 C	on the 24th & 25th, 1966
Highest Sept. mean daily maximum:	98.5 F	37.0 C	in 1979
Lowest Sept. mean daily maximum:	71.6 F	22.0 C	in 1966
Lowest Sept. mean daily minimum:	45.0 F	7.2 C	in 1966
Highest Sept. mean daily minimum:	63.7 F	17.6 C	in 2015
Highest Sept. mean monthly:	79.9 F	26.6 C	in 2012
Lowest Sept. mean monthly:	58.3 F	14.6 C	in 1966

### **Precipitation:**

Extreme maximum for any Sept.:	2.26 in	57.4 mm	in 1976
Maximum precipitation-day for any Sept.:	1.12 in	28.4 mm	on the 10th, 1976

36 out of 69 Septembers on record at this station have recorded 0.00 inches of precipitation; or 52.2% of all Septembers.

16 out of 69 Septembers on record at this station have recorded **below** normal precipitation (0.16 in or 4.1 mm); or 23.2% of all Septembers.

17 out of 69 Septembers on record at this station have recorded **at or above** normal precipitation (0.16 in or 4.1 mm); or 24.6% of all Septembers.

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