

**PIERCE COLLEGE WEATHER STATION**  
**Anthropological and Geographical Sciences Department**  
**Weather Summary for October 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:	96.0 F	35.6 C	on the 26th
Lowest Maximum:	75.0 F	23.9 C	on the 10th, 11th, & 14th
Extreme Minimum:	45.0 F	7.2 C	on the 17th
Highest Minimum:	70.0 F	21.1 C	on the 2nd
Extreme Monthly Range:	51.0 F	28.3 C	
Mean Daily Maximum:	84.4 F	29.1 C	
Mean Daily Minimum:	54.6 F	12.6 C	
Mean Monthly:	69.5 F	20.9 C	
Maximum Daily Mean:	80.5 F	26.9 C	on the 2nd
Minimum Daily Mean:	62.5 F	16.9 C	on the 11th
Maximum Diurnal Range:	44.0 F	24.4 C	on the 26th
Minimum Diurnal Range:	14.0 F	7.8 C	on the 3rd
Mean Monthly Diurnal Range:	29.8 F	16.5 C	

**Hydrology (Precipitation):**

Occurrences:	0.32	8.1 mm	on the 13th
Monthly Total:	0.32 in	8.1 mm	
Normal:*	0.91 in	23.1 mm	
Monthly Normal Precipitation (%):	35.2 %		

**Hygrology (Humidity):**

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

Maximum:	62.0 %		on the 6th
Minimum:	4.0 %		on the 15th

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

Maximum:	57.8 F	14.3 C	on the 5th
Minimum:	-4.7 F	-20.4 C	on the 15th

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

Maximum:	1017.8 mb	30.03 in	on the 15th
Minimum:	1007.0 mb	29.71 in	on the 12th
Mean Monthly @ 1600 P.D.T.	1012.3 mb	29.86 in	

### **STATION STATISTICS:**

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

### **Temperature:**

Extreme maximum for any October:	110.0 F	43.3 C	on the 1st, 1980
Extreme minimum for any October:	27.0 F	-2.8 C	on the 30th, 1971
Highest October mean daily maximum:	90.7 F	32.6 C	in 1990
Lowest October mean daily maximum:	76.3 F	24.6 C	in 2010
Lowest October mean daily minimum:	40.2 F	4.6 C	in 1954
Highest October mean daily minimum:	59.9 F	15.5 C	in 2015
Highest October mean monthly:	75.1 F	24.0 C	in 2015
Lowest October mean monthly:	61.3 F	16.3 C	in 1954

### **Precipitation:**

Extreme maximum for any October:	5.93 in	150.6 mm	in 1987
Maximum precipitation-day for any October:	3.20 in	81.3 mm	on the 31st, 1987

21 out of 70 Octobers on record at this station have recorded  
0.00 inches of precipitation; or 30.0% of all Octobers.

38 out of 70 Octobers on record at this station have recorded  
**below** normal precipitation (0.91 in or 23.1 mm);  
or 54.3% of all Octobers.

11 out of 70 Octobers on record at this station have recorded  
**at or above** normal precipitation (0.91 in or 23.1 mm);  
or 15.7% of all Octobers.

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