

**PIERCE COLLEGE WEATHER STATION**  
**Anthropological and Geographical Sciences Department**  
**Weather Summary for October 2016**

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 9th, 21st
Lowest Maximum:	72.0 F	22.2 C	on the 31st
Extreme Minimum:	49.0 F	9.4 C	on the 6th, 13th, 31st
Highest Minimum:	63.0 F	17.2 C	on the 16th
Extreme Monthly Range:	47.0 F	26.1 C	
Mean Daily Maximum:	85.4 F	29.6 C	
Mean Daily Minimum:	54.1 F	12.3 C	
Mean Monthly:	69.7 F	20.9 C	
Maximum Daily Mean:	78.0 F	25.6 C	on the 20th
Minimum Daily Mean:	60.5 F	15.8 C	on the 31st
Maximum Diurnal Range:	44.0 F	24.4 C	on the 9th
Minimum Diurnal Range:	14.0 F	7.8 C	on the 16th
Mean Monthly Diurnal Range:	31.3 F	17.4 C	

**Hydrology (Precipitation):**

Occurrences:	0.17	4.3 mm	on the 17th
	0.01	0.3 mm	on the 24th
	0.05	1.3 mm	on the 28th
	0.03	0.8 mm	on the 30th
	0.02	0.5 mm	on the 31st
Monthly Total:	0.28 in	7.1 mm	
Normal:*	0.91 in	23.1 mm	
Monthly Normal Precipitation (%):	30.8 %		

**Hygrology (Humidity):**

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

Maximum:	68.3 %	on the 30th
Minimum:	7.1 %	on the 20th

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

Maximum:	58.4 F	14.6 C	on the 15th
Minimum:	18.55 F	-7.5 C	on the 6th

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

Maximum:	1016.0 mb	29.97 in	on the 12th, 24th, 25th, 30th
Minimum:	1010.0 mb	29.80 in	on the 4th, 7th, 21st
Mean Monthly @ 1600 P.D.T.	1013.0 mb	29.88 in	

**STATION STATISTICS:**

Effective dates for statistics in this report are based the following observational period:  
01 July 1949 to 31 October 2016, inclusive. The station's record thus covers 68 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

20 out of 68 Octobers on record at this station have recorded 0.00 inches of precipitation; or 29.4% of all Octobers.

37 out of 68 Octobers on record at this station have recorded **below** normal precipitation (0.91 in or 23.1 mm); or 54.4% of all Octobers.

11 out of 68 Octobers on record at this station have recorded **at or above** normal precipitation (0.91 in or 23.1 mm); or 16.2% of all Octobers.

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