

PIERCE COLLEGE WEATHER STATION
Anthropological and Geographical Sciences Department
Weather Summary for October 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:	102.0 F	38.9 C	on the 23rd
Lowest Maximum:	68.0 F	20.0 C	on the 31st
Extreme Minimum:	46.0 F	7.8 C	on the 4th, 5th
Highest Minimum:	75.0 F	23.9 C	on the 24th
Extreme Monthly Range:	56.0 F	31.1 C	
Mean Daily Maximum:	90.2 F	32.3 C	
Mean Daily Minimum:	54.5 F	12.5 C	
Mean Monthly:	72.3 F	22.4 C	
Maximum Daily Mean:	88.0 F	31.1 C	on the 24th
Minimum Daily Mean:	64.0 F	17.8 C	on the 31st
Maximum Diurnal Range:	48.0 F	26.7 C	on the 6th
Minimum Diurnal Range:	8.0 F	4.4 C	on the 31st
Mean Monthly Diurnal Range:	35.7 F	19.8 C	

Hydrology (Precipitation):

Occurrences:	0	0.0 mm	
Monthly Total:	0 in	0.0 mm	
Normal:*	0.91 in	23.1 mm	
Monthly Normal Precipitation (%):	0.0 %		

Hygrology (Humidity):

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

Maximum:	59.0 %	on the 30th, 31st
Minimum:	6.0 %	on the 20th

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

Maximum:	56.1 F	13.4 C	on the 19th
Minimum:	10 F	-12.2 C	on the 9th

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

Maximum:	1019.0 mb	30.06 in	on the 22nd
Minimum:	1006.0 mb	29.68 in	on the 8th
Mean Monthly @ 1600 P.D.T.	1012.0 mb	29.85 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 31 October 2017, inclusive. The station's record thus covers 69 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 69 Octobers on record at this station have recorded
0.00 inches of precipitation; or 30.4% of all Octobers.

37 out of 69 Octobers on record at this station have recorded
below normal precipitation (0.91 in or 23.1 mm);
or 53.6% of all Octobers.

11 out of 69 Octobers on record at this station have recorded
at or above normal precipitation (0.91 in or 23.1 mm);
or 16.0% of all Octobers.

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