

PIERCE COLLEGE WEATHER STATION
Anthropological and Geographical Sciences Department
Weather Summary for December 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:	88.0 F	31.1 C	on the 29th
Lowest Maximum:	61.0 F	16.1 C	on the 21st
Extreme Minimum:	31.0 F	-0.6 C	on the 22nd
Highest Minimum:	61.0 F	16.1 C	on the 7th
Extreme Monthly Range:	57.0 F	31.7 C	
Mean Daily Maximum:	76.4 F	24.6 C	
Mean Daily Minimum:	43.6 F	6.5 C	
Mean Monthly:	60.0 F	15.6 C	
Maximum Daily Mean:	67.5 F	19.7 C	on the 7th, 13th
Minimum Daily Mean:	49.0 F	9.4 C	on the 22nd
Maximum Diurnal Range:	47.0 F	26.1 C	on the 29th
Minimum Diurnal Range:	10.0 F	5.6 C	on the 5th
Mean Monthly Diurnal Range:	32.7 F	18.2 C	

Hydrology (Precipitation):

Occurrences:	none (no measureable rain)	
Monthly Total:	0.00 in	0.0 mm
Normal:*	2.68 in	68.1 mm
Monthly Normal Precipitation (%):	0.0 %	

Hygrology (Humidity):

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

Maximum:	68.0 %	on the 20th
Minimum:	3.0 %	on the 12th

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

Maximum:	48.6 F	9.2 C	on the 3rd
Minimum:	-6.5 F	-21.4 C	on the 12th

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

Maximum:	1026.0 mb	30.27 in	on the 7th
Minimum:	1006.3 mb	29.69 in	on the 16th
Mean Monthly @ 1600 P.S.T.	1018.1 mb	30.03 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 31 December 2017, inclusive. The station's record thus covers 69 Decembers.

Temperature:

Extreme maximum for any December:	96.0 F	35.6 C	on the 3rd, 1958
Extreme minimum for any December:	20.0 F	-6.7 C	on the 29th, 1954
Highest December mean daily maximum:	76.4 F	24.6 C	in 2017
Lowest December mean daily maximum:	59.6 F	15.3 C	in 1971
Lowest December mean daily minimum:	33.0 F	0.5 C	in 1949
Highest December mean daily minimum:	50.7 F	10.4 C	in 1990
Highest December mean monthly:	60.0 F	15.6 C	in 2017
Lowest December mean monthly:	49.0 F	9.4 C	in 1971

Precipitation:

Extreme maximum for any December:	8.68 in	220.5 mm	in 2004
Maximum precipitation-day for any December:	4.98 in	126.5 mm	on the 29th, 1965

3 out of 69 Decembers on record at this station have recorded
0.00 inches of precipitation; or 4.4% of all Decembers.

43 out of 69 Decembers on record at this station have recorded
below normal precipitation (2.68 in or 68.1 mm);
or 62.3% of all Decembers.

23 out of 69 Decembers on record at this station have recorded
at or above normal precipitation (2.68 in or 68.1 mm);
or 33.3% of all Decembers.

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