

PIERCE COLLEGE WEATHER STATION
Anthropological and Geographical Sciences Department
Weather Summary for December 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:	79.0 F	26.1 C	on the 4th
Lowest Maximum:	56.0 F	13.3 C	on the 24th, 25th
Extreme Minimum:	33.0 F	0.6 C	on the 18th
Highest Minimum:	57.0 F	13.9 C	on the 11th
Extreme Monthly Range:	46.0 F	25.6 C	
Mean Daily Maximum:	67.9 F	20.0 C	
Mean Daily Minimum:	44.4 F	6.9 C	
Mean Monthly:	56.2 F	13.4 C	
Maximum Daily Mean:	63.5 F	17.5 C	on the 3rd, 11th
Minimum Daily Mean:	45.5 F	7.5 C	on the 25th
Maximum Diurnal Range:	39.0 F	21.7 C	on the 4th, 20th, 28th
Minimum Diurnal Range:	10.0 F	5.6 C	on the 31st
Mean Monthly Diurnal Range:	23.5 F	13.1 C	

Hydrology (Precipitation):

Occurrences:	1.06 in	26.9 mm	on the 16th
	0.02 in	0.5 mm	on the 21st
	0.87 in	22.1 mm	on the 22nd
	1.17 in	29.7 mm	on the 24th
	0.32 in	8.1 mm	on the 30th
	0.05 in	1.3 mm	on the 31st
Monthly Total:	3.49 in	88.6 mm	
Normal:*	2.68 in	68.1 mm	
Monthly Normal Precipitation (%):	130.2 %		

Hygrology (Humidity):

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

Maximum:	83.1 %	on the 31st
Minimum:	9.0 %	on the 3rd

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

Maximum:	54.6 F	12.5 C	on the 9th
Minimum:	2.011 F	-16.7 C	on the 19th

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

Maximum:	1022.0 mb	30.15 in	on the 19th
Minimum:	1008.0 mb	29.74 in	on the 24th
Mean Monthly @ 1600 P.S.T.	1016.2 mb	29.98 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 31 December 2016, inclusive. The station's record thus covers 68 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:	76.3 F	24.6 C	in 1958
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:	58.9 F	14.9 C	in 1990
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

2 out of 68 Decembers on record at this station have recorded 0.00 inches of precipitation; or 3.0% of all Decembers.

43 out of 68 Decembers on record at this station have recorded **below** normal precipitation (2.68 in or 68.1 mm); or 63.2% of all Decembers.

23 out of 68 Decembers on record at this station have recorded **at or above** normal precipitation (2.68 in or 68.1 mm); or 33.8% of all Decembers.

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