

PIERCE COLLEGE WEATHER STATION
Anthropological and Geographical Sciences Department
Weather Summary for December 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:	82.0 F	27.8 C	on the 20th
Lowest Maximum:	55.0 F	12.8 C	on the 6th
Extreme Minimum:	36.0 F	2.2 C	on the 30th
Highest Minimum:	51.0 F	10.6 C	on the 25th
Extreme Monthly Range:	46.0 F	25.6 C	
Mean Daily Maximum:	69.9 F	21.1 C	
Mean Daily Minimum:	42.3 F	5.7 C	
Mean Monthly:	56.1 F	13.4 C	
Maximum Daily Mean:	63.0 F	17.2 C	on the 21st
Minimum Daily Mean:	49.0 F	9.4 C	on the 31st
Maximum Diurnal Range:	41.0 F	22.8 C	on the 15th, 19th, 20th
Minimum Diurnal Range:	9.0 F	5.0 C	on the 6th
Mean Monthly Diurnal Range:	27.6 F	15.4 C	

Hydrology (Precipitation):

Occurrences:	0.09 in	2.3 mm
	2.50 in	63.5 mm
Monthly Total:	2.59 in	65.8 mm
Normal:*	2.68 in	68.1 mm
Monthly Normal Precipitation (%):	96.6 %	

Hygrology (Humidity):

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

Maximum:	87.0 %	on the 5th
Minimum:	12.0 %	on the 29th

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

Maximum:	51.9 F	11.1 C	on the 17th
Minimum:	7.8 F	-13.4 C	on the 28th

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

Maximum:	1023.5 mb	30.19 in	on the 29th
Minimum:	1010.1 mb	29.80 in	on the 25th
Mean Monthly @ 1600 P.S.T.	1017.3 mb	30.01 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 31 December 2018, inclusive. The station's record thus covers 70 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 70 Decembers on record at this station have recorded 0.00 inches of precipitation; or 4.3% of all Decembers.

44 out of 70 Decembers on record at this station have recorded **below** normal precipitation (2.68 in or 68.1 mm); or 62.9% of all Decembers.

23 out of 70 Decembers on record at this station have recorded **at or above** normal precipitation (2.68 in or 68.1 mm); or 32.8% of all Decembers.

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