

PIERCE COLLEGE WEATHER STATION
Anthropological and Geographical Sciences Department
Weather Summary for January 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:	85.0 F	29.4 C	on the 31st
Lowest Maximum:	60.0 F	15.6 C	on the 9th, 20th
Extreme Minimum:	37.0 F	2.8 C	on the 24th
Highest Minimum:	70.0 F	21.1 C	on the 29th
Extreme Monthly Range:	48.0 F	26.7 C	
Mean Daily Maximum:	75.8 F	24.4 C	
Mean Daily Minimum:	46.9 F	8.3 C	
Mean Monthly:	61.4 F	16.3 C	
Maximum Daily Mean:	76.0 F	24.4 C	on the 29th
Minimum Daily Mean:	51.5 F	10.8 C	on the 21st
Maximum Diurnal Range:	42.0 F	23.3 C	on the 31st
Minimum Diurnal Range:	8.0 F	4.4 C	on the 9th
Mean Monthly Diurnal Range:	28.9 F	16.1 C	

Hydrology (Precipitation):

Occurrences:	0.21 in	5.3 mm	on the 8th
	1.82 in	46.2 mm	on the 9th
	0.03 in	0.8 mm	on the 10th
Monthly Total:	2.06 in	52.3 mm	
Normal:*	3.69 in	93.7 mm	
Monthly Normal Precipitation (%):	55.8 %		

Hygrology (Humidity):

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

Maximum:	90.0 %		on the 8th, 9th
Minimum:	9.0 %		on the 27th

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

Maximum:	55.4 F	13.0 C	on the 8th
Minimum:	9.5 F	-12.5 C	on the 27th

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

Maximum:	1024.3 mb	30.22 in	on the 21st
Minimum:	1006.6 mb	29.69 in	on the 9th
Mean Monthly @ 1600 P.S.T.	1018.0 mb	30.03 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 31 January 2018, inclusive. The station's record thus covers 69 Januarys.

Temperature:

Extreme maximum for any January:	93.0 F	33.9 C	on the 14th, 1975
Extreme minimum for any January:	19.0 F	-7.2 C	on the 7th, 1950
Highest January mean daily maximum:	77.6 F	25.4 C	in 1976
Lowest January mean daily maximum:	59.7 F	15.4 C	in 1950
Lowest January mean daily minimum:	31.4 F	-0.3 C	in 1950
Highest January mean daily minimum:	46.9 F	8.3 C	in 2018
Highest January mean monthly:	61.4 F	16.3 C	in 2014
Lowest January mean monthly:	45.8 F	7.7 C	in 1950

Precipitation:

Extreme maximum for any January:	16.20 in	411.5 mm	in 1995
Maximum precipitation-day for any January:	4.62 in	117.3 mm	on the 11th, 2001

4 out of 69 Januarys on record at this station have recorded 0.00 inches of precipitation; or 5.8% of all Januarys.

44 out of 69 Januarys on record at this station have recorded **below** normal precipitation (3.69 in or 93.7 mm); or 63.8% of all Januarys.

21 out of 69 Januarys on record at this station have recorded **at or above** normal precipitation (3.69 in or 93.7 mm); or 30.4% of all Januarys.

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