

PIERCE COLLEGE WEATHER STATION
Anthropological and Geographical Sciences Department
Weather Summary for January 2019

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:	83.0 F	28.3 C	on the 27th
Lowest Maximum:	56.0 F	13.3 C	on the 15th
Extreme Minimum:	32.0 F	0.0 C	on the 3rd
Highest Minimum:	56.0 F	13.3 C	on the 17th
Extreme Monthly Range:	51.0 F	28.3 C	
Mean Daily Maximum:	67.8 F	19.9 C	
Mean Daily Minimum:	43.8 F	6.6 C	
Mean Monthly:	55.8 F	13.2 C	
Maximum Daily Mean:	64.5 F	18.1 C	on the 26th
Minimum Daily Mean:	48.0 F	8.9 C	on the 13th
Maximum Diurnal Range:	38.0 F	21.1 C	on the 27th
Minimum Diurnal Range:	6.0 F	3.3 C	on the 17th
Mean Monthly Diurnal Range:	24.0 F	13.3 C	

Hydrology (Precipitation):

Occurrences:	0.17 in	4.3 mm	on the 5th
	0.63 in	16.0 mm	on the 6th
	0.41 in	10.4 mm	on the 7th
	0.71 in	18.0 mm	on the 12th
	1.96 in	49.8 mm	on the 14th
	0.26 in	6.6 mm	on the 15th
	0.37 in	9.4 mm	on the 16th
	1.26 in	32.0 mm	on the 17th
	0.81 in	20.6 mm	on the 31st
Monthly Total:	6.58 in	167.1 mm	
Normal:*	3.69 in	93.7 mm	
Monthly Normal Precipitation (%):	178.3 %		

Hygrology (Humidity):

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

Maximum:	94.0 %	on the 16th
Minimum:	11.0 %	on the 1st, 22nd

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

Maximum:	55.7 F	13.2 C	on the 16th
Minimum:	2 F	-16.7 C	on the 1st

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

Maximum:	1025.1 mb	30.24 in	on the 22nd
Minimum:	1011.1 mb	29.83 in	on the 29th
Mean Monthly @ 1600 P.S.T.	1018.3 mb	30.04 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 31 January 2019, inclusive. The station's record thus covers 70 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 70 Januarys on record at this station have recorded 0.00 inches of precipitation; or 5.7% of all Januarys.

44 out of 70 Januarys on record at this station have recorded **below** normal precipitation (3.69 in or 93.7 mm); or 62.9% of all Januarys.

22 out of 70 Januarys on record at this station have recorded **at or above** normal precipitation (3.69 in or 93.7 mm); or 31.4% of all Januarys.

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