

PIERCE COLLEGE WEATHER STATION
Anthropological and Geographical Sciences Department
Weather Summary for May 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:	85.0 F	29.4 C	on the 30th
Lowest Maximum:	64.0 F	17.8 C	on the 8th, 9th
Extreme Minimum:	43.0 F	6.1 C	on the 27th
Highest Minimum:	59.0 F	15.0 C	on the 13th
Extreme Monthly Range:	42.0 F	23.3 C	
Mean Daily Maximum:	73.8 F	23.2 C	
Mean Daily Minimum:	51.2 F	10.6 C	
Mean Monthly:	62.5 F	16.9 C	
Maximum Daily Mean:	70.0 F	21.1 C	on the 13th
Minimum Daily Mean:	56.0 F	13.3 C	on the 27th
Maximum Diurnal Range:	33.0 F	18.3 C	on the 30th
Minimum Diurnal Range:	7.0 F	3.9 C	on the 8th
Mean Monthly Diurnal Range:	22.4 F	12.4 C	

Hydrology (Precipitation):

Occurrences:	0.04 in	1.0 mm	on the 11th
	0.22 in	5.6 mm	on the 16th
	0.28 in	7.1 mm	on the 19th
	0.32 in	8.1 mm	on the 22
	0.06 in	1.5 mm	on the 27th
Monthly Total:	0.92 in	23.4 mm	
Normal:*	0.31 in	7.9 mm	
Monthly Normal Precipitation (%):	296.8 %		

Hygrology (Humidity):

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

Maximum:	72 %	on the 11th
Minimum:	37 %	on the 27th

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

Maximum:	57.6 F	14.2 C	on the 12th
Minimum:	41.3 F	5.2 C	on the 27th

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

Maximum:	1018.1 mb	30.03 in	on the 7th
Minimum:	1007.4 mb	29.72 in	on the 22nd
Mean Monthly @ 1600 P.D.T.	1012.6 mb	29.87 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 31 May 2019, inclusive. The station's period of record thus covers 70 Mays.

Temperature:

Extreme maximum for any May:	113.0 F	45.0 C	on the 29th, 1984
Extreme minimum for any May:	28.0 F	-2.2 C	on the 2nd, 1955
Highest May mean daily maximum:	92.9 F	33.8 C	in 1984
Lowest May mean daily maximum:	70.4 F	21.3 C	in 1998
Lowest May mean daily minimum:	42.8 F	6.0 C	in 1953
Highest May mean daily minimum:	56.5 F	13.6 C	in 1992
Highest May mean monthly:	72.3 F	22.4 C	in 1984
Lowest May mean monthly:	57.4 F	14.1 C	in 1998

Precipitation:

Extreme maximum for any May:	4.06 in	103.1 mm	in 1998
Maximum precipitation-day for any May:	2 in	50.8 mm	on the 8th, 1977

26 out of 70 Mays on record at this station have recorded
0.00 inches of precipitation; or 37.1% of all Mays.

32 out of 70 Mays on record at this station have recorded
below normal precipitation (below 0.31 in or 7.9 mm);
or 45.7% of all Mays.

12 out of 70 Mays on record at this station have recorded
above normal precipitation (above 0.31 in or 7.9 mm);
or 17.2% of all Mays.

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