

PIERCE COLLEGE WEATHER STATION
Anthropological and Geographical Sciences Department
Weather Summary for May 2017

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:	98.0 F	36.7 C	on the 21st
Lowest Maximum:	65.0 F	18.3 C	on the 7th
Extreme Minimum:	41.0 F	5.0 C	on the 8th
Highest Minimum:	58.0 F	14.4 C	on the 10th
Extreme Monthly Range:	57.0 F	31.7 C	
Mean Daily Maximum:	84.3 F	29.0 C	
Mean Daily Minimum:	51.0 F	10.6 C	
Mean Monthly:	67.6 F	19.8 C	
Maximum Daily Mean:	77.0 F	25.0 C	on the 21st, 23rd
Minimum Daily Mean:	54.5 F	12.5 C	on the 7th
Maximum Diurnal Range:	46.0 F	25.6 C	on the 20th
Minimum Diurnal Range:	10.0 F	5.6 C	on the 10th
Mean Monthly Diurnal Range:	33.4 F	18.6 C	

Hydrology (Precipitation):

Occurrences:	0.01 in	0.3 mm	on the 7th
	0.03 in	0.8 mm	on the 8th
Monthly Total:	0.04 in	1.0 mm	
Normal:*	0.31 in	7.9 mm	
Monthly Normal Precipitation (%):	12.9 %		

Hygrology (Humidity):

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

Maximum:	60 %	on the 9th
Minimum:	10 %	on the 20th

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

Maximum:	57.5 F	14.2 C	on the 30th
Minimum:	28.1 F	-2.2 C	on the 20th

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

Maximum:	1018.0 mb	30.03 in	on the 10th
Minimum:	1006.0 mb	29.68 in	on the 6th
Mean Monthly @ 1600 P.D.T.	1011.4 mb	29.83 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 31 May 2017, inclusive. The station's period of record thus covers 68 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

25 out of 68 Mays on record at this station have recorded
0.00 inches of precipitation; or 36.7% of all Mays.

32 out of 68 Mays on record at this station have recorded
below normal precipitation (below 0.31 in or 7.9 mm);
or 47.1% of all Mays.

11 out of 68 Mays on record at this station have recorded
above normal precipitation (above 0.31 in or 7.9 mm);
or 16.2% of all Mays.

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