

PIERCE COLLEGE WEATHER STATION
Anthropological and Geographical Sciences Department
Weather Summary for September 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:	106.0 F	41.1 C	on the 8th
Lowest Maximum:	85.0 F	29.4 C	on the 2nd, 25th
Extreme Minimum:	51.0 F	10.6 C	on the 18th
Highest Minimum:	66.0 F	18.9 C	on the 3rd, 4th
Extreme Monthly Range:	55.0 F	30.6 C	
Mean Daily Maximum:	94.2 F	34.5 C	
Mean Daily Minimum:	58.7 F	14.8 C	
Mean Monthly:	76.4 F	24.7 C	
Maximum Daily Mean:	83.5 F	28.6 C	on the 8th
Minimum Daily Mean:	70.0 F	21.1 C	on the 25th
Maximum Diurnal Range:	45.0 F	25.0 C	on the 8th
Minimum Diurnal Range:	21.0 F	11.7 C	on the 2nd
Mean Monthly Diurnal Range:	35.5 F	19.7 C	

Hydrology (Precipitation):

Occurrences:	none		
Monthly Total:	0 in	0.0 mm	
Normal:*	0.16 in	4.1 mm	
Monthly Normal Precipitation (%):	0.0 %		

Hygrology (Humidity):

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

Maximum:	46.0 %	on the 4th
Minimum:	9.00 %	on the 14th, 18th

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

Maximum:	62.4 F	16.9 C	on the 4th
Minimum:	23.6 F	-4.7 C	on the 18th

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

Maximum:	1014.3 mb	29.92 in	on the 6th
Minimum:	1006.6 mb	29.69 in	on the 19th
Mean Monthly @ 1600 P.D.T.	1010.6 mb	29.81 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:

01 July 1949 to 30 September 2018, inclusive.

The station's period of record thus covers 70 Septembers.

Temperature:

Extreme maximum for any Sept.:	115.0 F	46.1 C	on the 15th, 1971 & on the 6th, 1955
Extreme minimum for any Sept.:	33.0 F	0.6 C	on the 24th & 25th, 1966
Highest Sept. mean daily maximum:	98.5 F	37.0 C	in 1979
Lowest Sept. mean daily maximum:	71.6 F	22.0 C	in 1966
Lowest Sept. mean daily minimum:	45.0 F	7.2 C	in 1966
Highest Sept. mean daily minimum:	63.7 F	17.6 C	in 2015
Highest Sept. mean monthly:	79.9 F	26.6 C	in 2012
Lowest Sept. mean monthly:	58.3 F	14.6 C	in 1966

Precipitation:

Extreme maximum for any Sept.:	2.26 in	57.4 mm	in 1976
Maximum precipitation-day for any Sept.:	1.12 in	28.4 mm	on the 10th, 1976

37 out of 70 Septembers on record at this station have recorded 0.00 inches of precipitation; or 52.9% of all Septembers.

16 out of 70 Septembers on record at this station have recorded **below** normal precipitation (0.16 in or 4.1 mm); or 22.9% of all Septembers.

17 out of 70 Septembers on record at this station have recorded **at or above** normal precipitation (0.16 in or 4.1 mm); or 24.2% of all Septembers.

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