

PIERCE COLLEGE WEATHER STATION
Anthropological and Geographical Sciences Department
Weather Summary for September 2016

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:	105.0 F	40.6 C	on the 18th
Lowest Maximum:	74.0 F	23.3 C	on the 13th
Extreme Minimum:	50.0 F	10.0 C	on the 14th, 25th
Highest Minimum:	66.0 F	18.9 C	on the 20th, 21st
Extreme Monthly Range:	55.0 F	30.6 C	
Mean Daily Maximum:	93.1 F	33.9 C	
Mean Daily Minimum:	58.5 F	14.7 C	
Mean Monthly:	75.8 F	24.3 C	
Maximum Daily Mean:	83.0 F	28.3 C	on the 19th
Minimum Daily Mean:	66.5 F	19.2 C	on the 14th
Maximum Diurnal Range:	49.0 F	27.2 C	on the 18th
Minimum Diurnal Range:	13.0 F	7.2 C	on the 13th
Mean Monthly Diurnal Range:	34.6 F	19.2 C	

Hydrology (Precipitation):

Occurrences:	0 in	0.0 mm	on the 15th
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:	53.4 %		on the 12th
Minimum:	5.67 %		on the 25th

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

Maximum:	60.3 F	15.7 C	on the 20th
Minimum:	18.57 F	-7.5 C	on the 25th

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

Maximum:	1015.0 mb	29.94 in	on the 14th, 29th
Minimum:	1007.0 mb	29.71 in	on the 5th
Mean Monthly @ 1600 P.D.T.	1011.8 mb	29.85 in	

STATION STATISTICS:

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

01 July 1949 to 30 September 2016, inclusive.

The station's period of record thus covers 68 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

36 out of 68 Septembers on record at this station have recorded 0.00 inches of precipitation; or 52.9% of all Septembers.

15 out of 68 Septembers on record at this station have recorded **below** normal precipitation (0.16 in or 4.1 mm); or 22.1% of all Septembers.

17 out of 68 Septembers on record at this station have recorded **at or above** normal precipitation (0.16 in or 4.1 mm); or 25.0% of all Septembers.

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