

**PIERCE COLLEGE WEATHER STATION**  
**Anthropological and Geographical Sciences Department**  
**Weather Summary for February 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:	81.0 F	27.2 C	on the 15th
Lowest Maximum:	56.0 F	13.3 C	on the 26th
Extreme Minimum:	33.0 F	0.6 C	on the 24th, 25th
Highest Minimum:	58.0 F	14.4 C	on the 8th
Extreme Monthly Range:	48.0 F	26.7 C	
Mean Daily Maximum:	67.6 F	19.8 C	
Mean Daily Minimum:	46.8 F	8.2 C	
Mean Monthly:	57.2 F	14.0 C	
Maximum Daily Mean:	67.5 F	19.7 C	on the 13th
Minimum Daily Mean:	47.5 F	8.6 C	on the 25th
Maximum Diurnal Range:	39.0 F	21.7 C	on the 15th
Minimum Diurnal Range:	8.0 F	4.4 C	on the 6th, 20th
Mean Monthly Diurnal Range:	20.8 F	11.5 C	

**Hydrology (Precipitation):**

Occurrences:	0.39 in	9.9 mm	on the 3rd
	0.58 in	14.7 mm	on the 6th
	0.12 in	3.0 mm	on the 7th
	0.06 in	1.5 mm	on the 8th
	0.1 in	2.5 mm	on the 10th
	0.28 in	7.1 mm	on the 11th
	3.24 in	82.3 mm	on the 17th
	1.01 in	25.7 mm	on the 18th
	0.01 in	0.3 mm	on the 19th
	0.22 in	5.6 mm	on the 20th
	0.02 in	0.5 mm	on the 21st
	0.02 in	0.5 mm	on the 22nd
	0.14 in	3.6 mm	on the 26th
Monthly Total:	6.19 in	157.2 mm	
Normal:*	4.62 in	117.3 mm	
Monthly Normal Precipitation (%):	134.0 %		

### **Hygrology (Humidity):**

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

Maximum:	91.0 %	on the 3rd
Minimum:	18.0 %	on the 15th

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

Maximum:	59.5 F	15.3 C	on the 8th
Minimum:	26.1 F	-3.3 C	on the 23rd

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

Maximum:	1024.0 mb	30.21 in	on the 20th, 21st
Minimum:	997.0 mb	29.41 in	on the 17th
Mean Monthly @ 1600 P.S.T.	1015.4 mb	29.95 in	

### **STATION STATISTICS:**

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

01 July 1949 to 28 February 2017, inclusive. The station's record thus covers 68 Februarys.

#### **Temperature:**

Extreme maximum for any February:	95.0 F	35.0 C	on the 26th, 1986
Extreme minimum for any February:	18.0 F	-7.8 C	on the 6th, 1989
Highest February mean daily maximum:	81.4 F	27.4 C	in 2016
Lowest February mean daily maximum:	61.6 F	16.4 C	in 2001
Lowest February mean daily minimum:	33.3 F	0.7 C	in 1956
Highest February mean daily minimum:	49.2 F	9.5 C	in 1992
Highest February mean monthly:	64.5 F	18.1 C	in 2016
Lowest February mean monthly:	47.9 F	8.9 C	in 1956

#### **Precipitation:**

Extreme maximum for any February:	18.02 in	457.7 mm	in 1998
Maximum precipitation-day for any February:	5.78 in	146.8 mm	on the 12th, 2003

3 out of 68 Februarys on record at this station have recorded 0.00 inches of precipitation; or 4.4% of all Februarys.

46 out of 68 Februarys on record at this station have recorded **below** normal precipitation (4.62 in or 117.3 mm); or 67.7% of all Februarys.

19 out of 68 Februarys on record at this station have recorded **at or above** normal precipitation (4.62 in or 117.3 mm); or 27.9% of all Februarys.

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