

PIERCE COLLEGE WEATHER STATION
Anthropological and Geographical Sciences Department
Weather Summary for May 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: | 96.0 F | 35.6 C | on the 5th |
| Lowest Maximum: | 63.0 F | 17.2 C | on the 1st |
| Extreme Minimum: | 46.0 F | 7.8 C | on the 16th |
| Highest Minimum: | 60.0 F | 15.6 C | on the 31st |
| Extreme Monthly Range: | 50.0 F | 27.8 C | |
| Mean Daily Maximum: | 78.9 F | 26.1 C | |
| Mean Daily Minimum: | 52.7 F | 11.5 C | |
| Mean Monthly: | 65.8 F | 18.8 C | |
| Maximum Daily Mean: | 75.0 F | 23.9 C | on the 5th |
| Minimum Daily Mean: | 56.0 F | 13.3 C | on the 1st |
| Maximum Diurnal Range: | 42.0 F | 23.3 C | on the 5th |
| Minimum Diurnal Range: | 10.0 F | 5.6 C | on the 12th |
| Mean Monthly Diurnal Range: | 26.6 F | 14.8 C | |

Hydrology (Precipitation):

| | | | |
|-----------------------------------|---------|--------|--|
| Occurrences: | none | | |
| Monthly Total: | 0 in | 0.0 mm | |
| Normal:* | 0.31 in | 7.9 mm | |
| Monthly Normal Precipitation (%): | 0.0 % | | |

Hygrology (Humidity):

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

| | | |
|----------|------|-------------|
| Maximum: | 77 % | on the 11th |
| Minimum: | 9 % | on the 6th |

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

| | | | |
|----------|--------|--------|-------------|
| Maximum: | 57.1 F | 13.9 C | on the 29th |
| Minimum: | 22.4 F | -5.3 C | on the 6th |

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

| | | | |
|----------------------------|-----------|----------|-------------|
| Maximum: | 1019.5 mb | 30.08 in | on the 3rd |
| Minimum: | 1008.5 mb | 29.75 in | on the 29th |
| Mean Monthly @ 1600 P.D.T. | 1013.6 mb | 29.90 in | |

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 31 May 2018, inclusive. The station's period of record thus covers 69 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 69 Mays on record at this station have recorded
0.00 inches of precipitation; or 37.7% of all Mays.

32 out of 69 Mays on record at this station have recorded
below normal precipitation (below 0.31 in or 7.9 mm);
or 46.4% of all Mays.

11 out of 69 Mays on record at this station have recorded
above normal precipitation (above 0.31 in or 7.9 mm);
or 15.9% of all Mays.

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