

**PIERCE COLLEGE WEATHER STATION**  
**Anthropological and Geographical Sciences Department**  
**Weather Summary for January 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:            | 83.0 F | 28.3 C | on the 29th          |
| Lowest Maximum:             | 55.0 F | 12.8 C | on the 6th           |
| Extreme Minimum:            | 35.0 F | 1.7 C  | on the 1st, 2nd, 3rd |
| Highest Minimum:            | 56.0 F | 13.3 C | on the 26th          |
| Extreme Monthly Range:      | 48.0 F | 26.7 C |                      |
| Mean Daily Maximum:         | 68.2 F | 20.1 C |                      |
| Mean Daily Minimum:         | 43.5 F | 6.4 C  |                      |
| Mean Monthly:               | 55.8 F | 13.2 C |                      |
| Maximum Daily Mean:         | 65.0 F | 18.3 C | on the 26th          |
| Minimum Daily Mean:         | 47.5 F | 8.6 C  | on the 6th, 9th      |
| Maximum Diurnal Range:      | 40.0 F | 22.2 C | on the 28th          |
| Minimum Diurnal Range:      | 12.0 F | 6.7 C  | on the 10th          |
| Mean Monthly Diurnal Range: | 24.6 F | 13.7 C |                      |

**Hydrology (Precipitation):**

|                                   |         |         |             |
|-----------------------------------|---------|---------|-------------|
| Occurrences:                      | 1.37 in | 34.8 mm | on the 5th  |
|                                   | 0.70 in | 17.8 mm | on the 6th  |
|                                   | 0.53 in | 13.5 mm | on the 7th  |
|                                   | 0.01 in | 0.3 mm  | on the 10th |
|                                   | 0.01 in | 0.3 mm  | on the 18th |
|                                   | 0.07 in | 1.8 mm  | on the 19th |
|                                   | 0.04 in | 1.0 mm  | on the 20th |
|                                   | 0.69 in | 17.5 mm | on the 31st |
| Monthly Total:                    | 3.42 in | 86.9 mm |             |
| Normal:*                          | 3.69 in | 93.7 mm |             |
| Monthly Normal Precipitation (%): | 92.7 %  |         |             |

**Hygrology (Humidity):**

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

|          |        |             |
|----------|--------|-------------|
| Maximum: | 91.0 % | on the 19th |
| Minimum: | 11.0 % | on the 26th |

Evaporation:

Total monthly pan loss: 2.18 in 55.4 mm

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

Maximum: 54.7 F 12.6 C on the 18th  
Minimum: 10.5 F -11.9 C on the 1st

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

Maximum: 1023.0 mb 30.18 in on the 11th  
Minimum: 1003.0 mb 29.59 in on the 31st  
Mean Monthly @ 1600 P.S.T. 1016.7 mb 29.99 in

**STATION STATISTICS:**

Effective dates for statistics in this report are based the following observational period:  
01 July 1949 to 31 January 2016, inclusive. The station's record thus covers 67 Januarys.

**Temperature:**

Extreme maximum for any January: 93.0 F 33.9 C on the 14th, 1975  
Extreme minimum for any January: 19.0 F -7.2 C on the 7th, 1950  
Highest January mean daily maximum: 77.6 F 25.4 C in 1976  
Lowest January mean daily maximum: 59.7 F 15.4 C in 1950  
Lowest January mean daily minimum: 31.4 F -0.3 C in 1950  
Highest January mean daily minimum: 46.2 F 7.9 C in 1980  
Highest January mean monthly: 61.4 F 16.3 C in 2014  
Lowest January mean monthly: 45.8 F 7.7 C in 1950

**Precipitation:**

Extreme maximum for any January: 16.20 in 411.5 mm in 1995  
Maximum precipitation-day for any January: 4.62 in 117.3 mm on the 11th, 2001

4 out of 67 Januarys on record at this station have recorded  
0.00 inches of precipitation; or 6.0% of all Januarys.

43 out of 67 Januarys on record at this station have recorded  
**below** normal precipitation (3.69 in or 93.7 mm);  
or 64.2% of all Januarys.

20 out of 67 Januarys on record at this station have recorded  
**at or above** normal precipitation (3.69 in or 93.7 mm);  
or 29.8% of all Januarys.

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

**PIERCE COLLEGE WEATHER STATION**  
**Anthropological and Geographical Sciences Department**  
**Weather Summary for February 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:            | 92.0 F | 33.3 C | on the 16th |
| Lowest Maximum:             | 55.0 F | 12.8 C | on the 1st  |
| Extreme Minimum:            | 34.0 F | 1.1 C  | on the 2nd  |
| Highest Minimum:            | 72.0 F | 22.2 C | on the 15th |
| Extreme Monthly Range:      | 58.0 F | 32.2 C |             |
| Mean Daily Maximum:         | 81.0 F | 27.2 C |             |
| Mean Daily Minimum:         | 47.6 F | 8.7 C  |             |
| Mean Monthly:               | 64.3 F | 17.9 C |             |
| Maximum Daily Mean:         | 79.5 F | 26.4 C | on the 15th |
| Minimum Daily Mean:         | 45.0 F | 7.2 C  | on the 1st  |
| Maximum Diurnal Range:      | 46.0 F | 25.6 C | on the 11th |
| Minimum Diurnal Range:      | 14.0 F | 7.8 C  | on the 8th  |
| Mean Monthly Diurnal Range: | 33.5 F | 18.6 C |             |

**Hydrology (Precipitation):**

|                                   |         |          |             |
|-----------------------------------|---------|----------|-------------|
| Occurrences:                      | 0.07 in | 1.8 mm   | on the 17th |
|                                   | 0.53 in | 13.5 mm  | on the 18th |
| Monthly Total:                    | 0.60 in | 15.2 mm  |             |
| Normal:*                          | 4.62 in | 117.3 mm |             |
| Monthly Normal Precipitation (%): | 13.0 %  |          |             |

**Hygrology (Humidity):**

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

|          |        |  |             |
|----------|--------|--|-------------|
| Maximum: | 84.5 % |  | on the 17th |
| Minimum: | 9.2 %  |  | on the 25th |

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

|          |         |        |             |
|----------|---------|--------|-------------|
| Maximum: | 54.9 F  | 12.7 C | on the 17th |
| Minimum: | 17.03 F | -8.3 C | on the 5th  |

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

|                            |           |          |             |
|----------------------------|-----------|----------|-------------|
| Maximum:                   | 1025.0 mb | 30.24 in | on the 3rd  |
| Minimum:                   | 1009.0 mb | 29.77 in | on the 16th |
| Mean Monthly @ 1600 P.S.T. | 1016.8 mb | 30.00 in |             |

## **STATION STATISTICS:**

Effective dates for statistics in this report are based the following observational period:  
01 July 1949 to 29 February 2016, inclusive. The station's record thus covers 67 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 67 Februarys on record at this station have recorded  
0.00 inches of precipitation; or 4.5% of all Februarys.

46 out of 67 Februarys on record at this station have recorded  
**below** normal precipitation (4.62 in or 117.3 mm);  
or 68.6% of all Februarys.

18 out of 67 Februarys on record at this station have recorded  
**at or above** normal precipitation (4.62 in or 117.3 mm);  
or 26.9% of all Februarys.

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

**PIERCE COLLEGE WEATHER STATION**  
**Anthropological and Geographical Sciences Department**  
**Weather Summary for March 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:            | 89.0 F | 31.7 C | on the 16th            |
| Lowest Maximum:             | 61.0 F | 16.1 C | on the 7th             |
| Extreme Minimum:            | 40.0 F | 4.4 C  | on the 29th, 31st      |
| Highest Minimum:            | 55.0 F | 12.8 C | on the 14th            |
| Extreme Monthly Range:      | 49.0 F | 27.2 C |                        |
| Mean Daily Maximum:         | 77.3 F | 25.2 C |                        |
| Mean Daily Minimum:         | 47.4 F | 8.6 C  |                        |
| Mean Monthly:               | 62.4 F | 16.9 C |                        |
| Maximum Daily Mean:         | 68.5 F | 20.3 C | on the 16th            |
| Minimum Daily Mean:         | 53.0 F | 11.7 C | on the 7th, 29th, 30th |
| Maximum Diurnal Range:      | 41.0 F | 22.8 C | on the 16th, 24th      |
| Minimum Diurnal Range:      | 13.0 F | 7.2 C  | on the 6th             |
| Mean Monthly Diurnal Range: | 29.9 F | 16.6 C |                        |

**Hydrology (Precipitation):**

|                                   |         |         |             |
|-----------------------------------|---------|---------|-------------|
| Occurrences:                      | 0.79 in | 20.1 mm | on the 6th  |
|                                   | 0.42 in | 10.7 mm | on the 7th  |
|                                   | 0.41 in | 10.4 mm | on the 11th |
|                                   | 0.02 in | 0.5 mm  | on the 14th |
| Monthly Total:                    | 1.64 in | 41.7 mm |             |
| Normal:*                          | 2.84 in | 72.1 mm |             |
| Monthly Normal Precipitation (%): | 57.7 %  |         |             |

**Hygrology (Humidity):**

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

|          |        |             |
|----------|--------|-------------|
| Maximum: | 78.0 % | on the 11th |
| Minimum: | 9.0 %  | on the 23rd |

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

|          |        |         |             |
|----------|--------|---------|-------------|
| Maximum: | 54.3 F | 12.4 C  | on the 27th |
| Minimum: | 12.9 F | -10.6 C | on the 23rd |

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

|                            |           |          |                         |
|----------------------------|-----------|----------|-------------------------|
| Maximum:                   | 1019.0 mb | 30.06 in | on the 12th, 13th, 23rd |
| Minimum:                   | 1007.0 mb | 29.71 in | on the 7th              |
| Mean Monthly @ 1600 P.D.T. | 1013.9 mb | 29.91 in |                         |

### **STATION STATISTICS:**

Effective dates for statistics in this report are based the following observational period:  
01 July 1949 to 31 March 2016, inclusive. The station's record thus covers 67 Marches.

### **Temperature:**

|                                   |         |        |                   |
|-----------------------------------|---------|--------|-------------------|
| Extreme maximum for any March:    | 101.0 F | 38.3 C | on the 26th, 1988 |
| Extreme minimum for any March:    | 26.0 F  | -3.3 C | on the 4th, 1966  |
| Highest March mean daily maximum: | 83.5 F  | 28.6 C | in 2004           |
| Lowest March mean daily maximum:  | 62.1 F  | 16.7 C | in 1952           |
| Lowest March mean daily minimum:  | 36.9 F  | 2.7 C  | in 1953           |
| Highest March mean daily minimum: | 49.7 F  | 9.8 C  | in 2015           |
| Highest March mean monthly:       | 66.0 F  | 18.9 C | in 2015           |
| Lowest March mean monthly:        | 50.1 F  | 10.0 C | in 1952           |

### **Precipitation:**

|  |          |          |                  |
|--|----------|----------|------------------|
| Extreme maximum for any March:           | 12.39 in | 314.7 mm | in 1976          |
| Maximum precipitation-day for any March: | 6.06 in  | 153.9 mm | on the 1st, 1976 |

5 out of 67 Marches on record at this station have recorded  
0.00 inches of precipitation; or 7.5% of all Marches.

36 out of 67 Marches on record at this station have recorded  
**below** normal precipitation (2.84 in or 72.1 mm);  
or 53.7% of all Marches.

26 out of 67 Marches on record at this station have recorded  
**at or above** normal precipitation (2.84 in or 72.1 mm);  
or 38.8% of all Marches.

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

**PIERCE COLLEGE WEATHER STATION**  
**Anthropological and Geographical Sciences Department**  
**Weather Summary for April 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:            | 97.0 F | 36.1 C | on the 6th  |
| Lowest Maximum:             | 61.0 F | 16.1 C | on the 9th  |
| Extreme Minimum:            | 42.0 F | 5.6 C  | on the 26th |
| Highest Minimum:            | 62.0 F | 16.7 C | on the 16th |
| Extreme Monthly Range:      | 55.0 F | 30.6 C |             |
| Mean Daily Maximum:         | 80.7 F | 27.1 C |             |
| Mean Daily Minimum:         | 50.5 F | 10.3 C |             |
| Mean Monthly:               | 65.6 F | 18.7 C |             |
| Maximum Daily Mean:         | 75.0 F | 23.9 C | on the 16th |
| Minimum Daily Mean:         | 57.5 F | 14.2 C | on the 26th |
| Maximum Diurnal Range:      | 45.0 F | 25.0 C | on the 6th  |
| Minimum Diurnal Range:      | 5.0 F  | 2.8 C  | on the 9th  |
| Mean Monthly Diurnal Range: | 30.2 F | 16.8 C |             |

**Hydrology (Precipitation):**

|                                   |         |         |             |
|-----------------------------------|---------|---------|-------------|
| Occurrences:                      | 0.02 in | 0.5 mm  | on the 7th  |
|                                   | 0.08 in | 2.0 mm  | on the 8th  |
|                                   | 0.27 in | 6.9 mm  | on the 9th  |
|                                   | 0.02 in | 0.5 mm  | on the 12th |
| Monthly Total:                    | 0.39 in | 9.9 mm  |             |
| Normal:*                          | 0.98 in | 24.9 mm |             |
| Monthly Normal Precipitation (%): | 39.8 %  |         |             |

**Hygrology (Humidity):**

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

|          |      |             |
|----------|------|-------------|
| Maximum: | 87 % | on the 8th  |
| Minimum: | 6 %  | on the 17th |

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

|          |        |         |             |
|----------|--------|---------|-------------|
| Maximum: | 55.7 F | 13.2 C  | on the 8th  |
| Minimum: | 12.6 F | -10.8 C | on the 17th |

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

|                            |           |          |              |
|----------------------------|-----------|----------|--------------|
| Maximum:                   | 1018.0 mb | 30.03 in | on the 12th  |
| Minimum:                   | 1007.0 mb | 29.71 in | on the 30th, |
| Mean Monthly @ 1600 P.D.T. | 1013.1 mb | 29.89 in |              |

### **STATION STATISTICS:**

Effective dates for statistics in this report are based the following observational period:  
01 July 1949 to 30 April 2016, inclusive. The station's period of record thus covers 67 Aprils.

#### **Temperature:**

|                                   |         |        |                       |
|-----------------------------------|---------|--------|-----------------------|
| Extreme maximum for any April:    | 105.0 F | 40.6 C | on 6th & 7th, 1989    |
| Extreme minimum for any April:    | 30.0 F  | -1.1 C | on the 9th, 1953      |
| Highest April mean daily maximum: | 84.6 F  | 29.2 C | in 1987               |
| Lowest April mean daily maximum:  | 64.5 F  | 18.1 C | in 1967               |
| Lowest April mean daily minimum:  | 38.1 F  | 3.4 C  | in 1967               |
| Highest April mean daily minimum: | 50.5 F  | 10.3 C | in 1992, 2013, & 2016 |
| Highest April mean monthly:       | 66.4 F  | 19.1 C | in 1992               |
| Lowest April mean monthly:        | 51.3 F  | 10.7 C | in 1967               |

#### **Precipitation:**

|  |         |          |                   |
|--|---------|----------|-------------------|
| Extreme maximum for any April:           | 6.76 in | 171.7 mm | in 1965           |
| Maximum precipitation-day for any April: | 2.49 in | 63.2 mm  | on the 14th, 1988 |

**14** out of **67** Aprils on record at this station have recorded **0.00** inches of precipitation; or **20.9%** of all Aprils.

**27** out of **67** Aprils on record at this station have recorded **below** normal precipitation (below 0.98 in or 24.9 mm); or **40.3%** of all Aprils.

**26** out of **67** Aprils on record at this station have recorded **above** normal precipitation (above 0.98 in or 24.9 mm); or **38.8%** of all Aprils.

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



**PIERCE COLLEGE WEATHER STATION**  
**Anthropological and Geographical Sciences Department**  
**Weather Summary for May 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:            | 95.0 F | 35.0 C | on the 12th, 13th |
| Lowest Maximum:             | 67.0 F | 19.4 C | on the 6th        |
| Extreme Minimum:            | 46.0 F | 7.8 C  | on the 22nd       |
| Highest Minimum:            | 60.0 F | 15.6 C | on the 19th       |
| Extreme Monthly Range:      | 49.0 F | 27.2 C |                   |
| Mean Daily Maximum:         | 79.6 F | 26.4 C |                   |
| Mean Daily Minimum:         | 52.4 F | 11.3 C |                   |
| Mean Monthly:               | 66.0 F | 18.9 C |                   |
| Maximum Daily Mean:         | 74.5 F | 23.6 C | on the 13th       |
| Minimum Daily Mean:         | 58.5 F | 14.7 C | on the 21st       |
| Maximum Diurnal Range:      | 43.0 F | 23.9 C | on the 12th       |
| Minimum Diurnal Range:      | 16.0 F | 8.9 C  | on the 6th        |
| Mean Monthly Diurnal Range: | 27.1 F | 15.1 C |                   |

**Hydrology (Precipitation):**

|                                   |         |        |            |
|-----------------------------------|---------|--------|------------|
| Occurrences:                      | 0.21 in | 5.3 mm | on the 7th |
| Monthly Total:                    | 0.21 in | 5.3 mm |            |
| Normal:*                          | 0.31 in | 7.9 mm |            |
| Monthly Normal Precipitation (%): | 67.7 %  |        |            |

**Hygrology (Humidity):**

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

|          |      |  |            |
|----------|------|--|------------|
| Maximum: | 79 % |  | on the 6th |
| Minimum: | 16 % |  | on the 3rd |

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

|          |        |        |             |
|----------|--------|--------|-------------|
| Maximum: | 57.6 F | 14.2 C | on the 31st |
| Minimum: | 35.2 F | 1.8 C  | on the 3rd  |

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

|                            |           |          |                   |
|----------------------------|-----------|----------|-------------------|
| Maximum:                   | 1017.0 mb | 30.00 in | on the 25th       |
| Minimum:                   | 1009.0 mb | 29.77 in | on the 27th, 31st |
| Mean Monthly @ 1600 P.D.T. | 1012.3 mb | 29.86 in |                   |

### **STATION STATISTICS:**

Effective dates for statistics in this report are based the following observational period:  
01 July 1949 to 31 May 2016, inclusive. The station's period of record thus covers 67 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 67 Mays on record at this station have recorded  
0.00 inches of precipitation; or 37.3% of all Mays.

31 out of 67 Mays on record at this station have recorded  
**below** normal precipitation (below 0.31 in or 7.9 mm);  
or 46.3% of all Mays.

11 out of 67 Mays on record at this station have recorded  
**above** normal precipitation (above 0.31 in or 7.9 mm);  
or 16.4% of all Mays.

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

**PIERCE COLLEGE WEATHER STATION**  
**Anthropological and Geographical Sciences Department**  
**Weather Summary for June 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:            | 113.0 F | 45.0 C | on the 20th       |
| Lowest Maximum:             | 72.0 F  | 22.2 C | on the 12th       |
| Extreme Minimum:            | 51.0 F  | 10.6 C | on the 13th, 16th |
| Highest Minimum:            | 69.0 F  | 20.6 C | on the 20th       |
| Extreme Monthly Range:      | 62.0 F  | 34.4 C |                   |
| Mean Daily Maximum:         | 94.3 F  | 34.6 C |                   |
| Mean Daily Minimum:         | 59.9 F  | 15.5 C |                   |
| Mean Monthly:               | 77.1 F  | 25.1 C |                   |
| Maximum Daily Mean:         | 91.0 F  | 32.8 C | on the 20th       |
| Minimum Daily Mean:         | 65.0 F  | 18.3 C | on the 13th       |
| Maximum Diurnal Range:      | 48.0 F  | 26.7 C | on the 19th       |
| Minimum Diurnal Range:      | 12.0 F  | 6.7 C  | on the 12th       |
| Mean Monthly Diurnal Range: | 34.4 F  | 19.1 C |                   |

**Hydrology (Precipitation):**

|                                   |         |        |
|-----------------------------------|---------|--------|
| Occurrences:                      | none    |        |
| Monthly Total:                    | 0 in    | 0.0 mm |
| Normal:*                          | 0.06 in | 1.5 mm |
| Monthly Normal Precipitation (%): | 0.0 %   |        |

**Hygrology (Humidity):**

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

|          |        |             |
|----------|--------|-------------|
| Maximum: | 76.0 % | on the 13th |
| Minimum: | 7 %    | on the 20th |

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

|          |        |        |             |
|----------|--------|--------|-------------|
| Maximum: | 61.6 F | 16.4 C | on the 28th |
| Minimum: | 28.2 F | -2.1 C | on the 21st |

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

|                            |           |          |             |
|----------------------------|-----------|----------|-------------|
| Maximum:                   | 1018.0 mb | 30.03 in | on the 14th |
| Minimum:                   | 1008.0 mb | 29.74 in | on the 8th  |
| 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 June 2016, inclusive. The station's period of record thus covers 67 Junes.

### **Temperature:**

|                                  |         |        |  |
|----------------------------------|---------|--------|--|
| Extreme maximum for any June:    | 113.0 F | 45.0 C | on the 15th, 1961 &<br>on the 26th, 1990<br><b>on the 20th, 2016</b> |
| Extreme minimum for any June:    | 35.0 F  | 1.7 C  | on the 23rd, 1953  |
| Highest June mean daily maximum: | 96.3 F  | 35.7 C | in 1981  |
| Lowest June mean daily maximum:  | 76.8 F  | 24.9 C | in 1982  |
| Lowest June mean daily minimum:  | 44.6 F  | 7.0 C  | in 1953  |
| Highest June mean daily minimum: | 59.9 F  | 15.5 C | <b>in 2016</b>   |
| Highest June mean monthly:       | 77.5 F  | 25.3 C | in 1981  |
| Lowest June mean monthly:        | 63.0 F  | 17.2 C | in 1952  |

### **Precipitation:**

|   |         |         |                  |
|---|---------|---------|------------------|
| Extreme maximum for any June:           | 0.67 in | 17.0 mm | in 1999          |
| Maximum precipitation-day for any June: | 0.52 in | 13.2 mm | on the 5th, 1993 |

53 out of 67 Junes on record at this station have recorded  
0.00 inches of precipitation; or 79.1% of all Junes.

5 out of 67 Junes on record at this station have recorded  
**below** normal precipitation (0.06 in or 1.5 mm);  
or 7.5% of all Junes.

9 out of 67 Junes on record at this station have recorded  
**at or above** normal precipitation (0.06 in or 1.5 mm);  
or 13.4% of all Junes.

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

**PIERCE COLLEGE WEATHER STATION**  
**Anthropological and Geographical Sciences Department**  
**Weather Summary for July 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:            | 112.0 F | 44.4 C | on the 22nd             |
| Lowest Maximum:             | 87.0 F  | 30.6 C | on the 5th              |
| Extreme Minimum:            | 56.0 F  | 13.3 C | on the 4th              |
| Highest Minimum:            | 69.0 F  | 20.6 C | on the 26th, 27th, 30th |
| Extreme Monthly Range:      | 56.0 F  | 31.1 C |                         |
| Mean Daily Maximum:         | 97.8 F  | 36.6 C |                         |
| Mean Daily Minimum:         | 62.1 F  | 16.7 C |                         |
| Mean Monthly:               | 80.0 F  | 26.7 C |                         |
| Maximum Daily Mean:         | 89.0 F  | 31.7 C | on the 22nd             |
| Minimum Daily Mean:         | 72.5 F  | 22.5 C | on the 4th              |
| Maximum Diurnal Range:      | 46.0 F  | 25.6 C | on the 22nd             |
| Minimum Diurnal Range:      | 27.0 F  | 15.0 C | on the 5th              |
| Mean Monthly Diurnal Range: | 35.7 F  | 19.8 C |                         |

**Hydrology (Precipitation):**

|                                   |         |        |  |
|-----------------------------------|---------|--------|--|
| Occurrences:                      | none    |        |  |
| Monthly Total:                    | 0 in    | 0.0 mm |  |
| Normal:*                          | 0.02 in | 0.5 mm |  |
| Monthly Normal Precipitation (%): | 0.0 %   |        |  |

**Hygrology (Humidity):**

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

|          |        |             |
|----------|--------|-------------|
| Maximum: | 43.0 % | on the 6th  |
| Minimum: | 6.0 %  | on the 18th |

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

|          |        |        |             |
|----------|--------|--------|-------------|
| Maximum: | 59.7 F | 15.4 C | on the 12th |
| Minimum: | 17.7 F | -7.9 C | on the 18th |

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

|                            |           |          |                 |
|----------------------------|-----------|----------|-----------------|
| Maximum:                   | 1015.0 mb | 29.94 in | on the 3rd, 4th |
| Minimum:                   | 1008.0 mb | 29.74 in | on the 29th     |
| Mean Monthly @ 1600 P.D.T. | 1011.9 mb | 29.85 in |                 |

### **STATION STATISTICS:**

Effective dates for statistics in this report are based the following observational period:  
01 July 1949 to 31 July 2016, inclusive. The station's period of record thus covers 68 Julys.

### **Temperature:**

|                                  |         |        |                   |
|----------------------------------|---------|--------|-------------------|
| Extreme maximum for any July:    | 119.0 F | 48.3 C | on the 22nd, 2006 |
| Extreme minimum for any July:    | 42.0 F  | 5.6 C  | on the 21st, 1952 |
| Highest July mean daily maximum: | 103.4 F | 39.6 C | in 2006           |
| Lowest July mean daily maximum:  | 88.2 F  | 31.2 C | in 1993           |
| Lowest July mean daily minimum:  | 53.1 F  | 11.7 C | in 1987           |
| Highest July mean daily minimum: | 64.6 F  | 18.1 C | in 2006           |
| Highest July mean monthly:       | 84.0 F  | 28.9 C | in 2006           |
| Lowest July mean monthly:        | 71.3 F  | 21.8 C | in 1987           |

### **Precipitation:**

|   |         |         |                   |
|---|---------|---------|-------------------|
| Extreme maximum for any July:           | 0.71 in | 18.0 mm | in 2015           |
| Maximum precipitation-day for any July: | 0.40 in | 10.2 mm | on the 19th, 2015 |

56 out of 68 Julys on record at this station have recorded  
0.00 inches of precipitation; or 82.4% of all Julys.

2 out of 68 Julys on record at this station have recorded  
**below** normal precipitation (0.02 in or 0.5 mm);  
or 2.9% of all Julys.

10 out of 68 Julys on record at this station have recorded  
**at or above** normal precipitation (0.02 in or 0.5 mm);  
or 14.7% of all Julys.

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

**PIERCE COLLEGE WEATHER STATION**  
**Anthropological and Geographical Sciences Department**  
**Weather Summary for August 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:            | 107.0 F | 41.7 C | on the 14th, 15th, 30th |
| Lowest Maximum:             | 86.0 F  | 30.0 C | on the 26th, 27th       |
| Extreme Minimum:            | 55.0 F  | 12.8 C | on the 18th             |
| Highest Minimum:            | 66.0 F  | 18.9 C | on the 14th             |
| Extreme Monthly Range:      | 62.5 F  | 34.7 C |                         |
| Mean Daily Maximum:         | 97.5 F  | 36.4 C |                         |
| Mean Daily Minimum:         | 60.9 F  | 16.1 C |                         |
| Mean Monthly:               | 79.2 F  | 26.2 C |                         |
| Maximum Daily Mean:         | 86.5 F  | 30.3 C | on the 14th             |
| Minimum Daily Mean:         | 72.0 F  | 22.2 C | on the 27th             |
| Maximum Diurnal Range:      | 46.0 F  | 25.6 C | on the 16th, 17th       |
| Minimum Diurnal Range:      | 24.0 F  | 13.3 C | on the 26th             |
| Mean Monthly Diurnal Range: | 36.6 F  | 20.3 C |                         |

**Hydrology (Precipitation):**

|                                   |         |        |  |
|-----------------------------------|---------|--------|--|
| Occurrences:                      | 0 in    | 0.0 mm |  |
| Monthly Total:                    | 0 in    | 0.0 mm |  |
| Normal:*                          | 0.05 in | 1.3 mm |  |
| Monthly Normal Precipitation (%): | 0.0 %   |        |  |

**Hygrology (Humidity):**

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

|          |        |             |
|----------|--------|-------------|
| Maximum: | 41.9 % | on the 26th |
| Minimum: | 4.1 %  | on the 17th |

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

|          |         |         |             |
|----------|---------|---------|-------------|
| Maximum: | 61.8 F  | 16.5 C  | on the 5th  |
| Minimum: | 10.67 F | -11.9 C | on the 17th |

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

|                            |           |          |                                 |
|----------------------------|-----------|----------|---------------------------------|
| Maximum:                   | 1014.0 mb | 29.91 in | on the 11th, 23rd               |
| Minimum:                   | 1008.0 mb | 29.74 in | on the 6th, 7th, 8th, &<br>30th |
| Mean Monthly @ 1600 P.D.T. | 1010.5 mb | 29.81 in |                                 |

### **STATION STATISTICS:**

Effective dates for statistics in this report are based the following observational period:  
01 August 1949 to 31 August 2016, inclusive. The station's record thus covers 68 Augusts.

#### **Temperature:**

|                                    |         |        |                   |
|------------------------------------|---------|--------|-------------------|
| Extreme maximum for any August:    | 116.0 F | 46.7 C | on the 24th, 1985 |
| Extreme minimum for any August:    | 42.0 F  | 5.6 C  | on the 6th, 1950  |
| Highest August mean daily maximum: | 101.2 F | 38.4 C | in 1996 & 1998    |
| Lowest August mean daily maximum:  | 87.9 F  | 31.1 C | in 1954           |
| Lowest August mean daily minimum:  | 50.5 F  | 10.3 C | in 1950           |
| Highest August mean daily minimum: | 65.0 F  | 18.4 C | in 2012           |
| Highest August mean monthly:       | 82.5 F  | 28.0 C | in 2012           |
| Lowest August mean monthly:        | 70.3 F  | 21.3 C | in 1954           |

#### **Precipitation:**

|   |         |         |                   |
|---|---------|---------|-------------------|
| Extreme maximum for any August:           | 2.49 in | 63.2 mm | in 1977           |
| Maximum precipitation-day for any August: | 2.35 in | 59.7 mm | on the 17th, 1977 |

49 out of 68 Augusts on record at this station have recorded  
0.00 inches of precipitation; or 72.1% of all Augusts.

9 out of 68 Augusts on record at this station have recorded  
**below** normal precipitation (0.05 in or 1.3 mm);  
or 13.2% of all Augusts.

10 out of 68 Augusts on record at this station have recorded  
**at or above** normal precipitation (0.05 in or 1.3 mm);  
or 14.7% of all Augusts.

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



**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 &<br>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.

**PIERCE COLLEGE WEATHER STATION**  
**Anthropological and Geographical Sciences Department**  
**Weather Summary for October 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:            | 96.0 F | 35.6 C | on the 9th, 21st       |
| Lowest Maximum:             | 72.0 F | 22.2 C | on the 31st            |
| Extreme Minimum:            | 49.0 F | 9.4 C  | on the 6th, 13th, 31st |
| Highest Minimum:            | 63.0 F | 17.2 C | on the 16th            |
| Extreme Monthly Range:      | 47.0 F | 26.1 C |                        |
| Mean Daily Maximum:         | 85.4 F | 29.6 C |                        |
| Mean Daily Minimum:         | 54.1 F | 12.3 C |                        |
| Mean Monthly:               | 69.7 F | 20.9 C |                        |
| Maximum Daily Mean:         | 78.0 F | 25.6 C | on the 20th            |
| Minimum Daily Mean:         | 60.5 F | 15.8 C | on the 31st            |
| Maximum Diurnal Range:      | 44.0 F | 24.4 C | on the 9th             |
| Minimum Diurnal Range:      | 14.0 F | 7.8 C  | on the 16th            |
| Mean Monthly Diurnal Range: | 31.3 F | 17.4 C |                        |

**Hydrology (Precipitation):**

|                                   |         |         |             |
|-----------------------------------|---------|---------|-------------|
| Occurrences:                      | 0.17    | 4.3 mm  | on the 17th |
|                                   | 0.01    | 0.3 mm  | on the 24th |
|                                   | 0.05    | 1.3 mm  | on the 28th |
|                                   | 0.03    | 0.8 mm  | on the 30th |
|                                   | 0.02    | 0.5 mm  | on the 31st |
| Monthly Total:                    | 0.28 in | 7.1 mm  |             |
| Normal:*                          | 0.91 in | 23.1 mm |             |
| Monthly Normal Precipitation (%): | 30.8 %  |         |             |

**Hygrology (Humidity):**

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

|          |        |             |
|----------|--------|-------------|
| Maximum: | 68.3 % | on the 30th |
| Minimum: | 7.1 %  | on the 20th |

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

|          |         |        |             |
|----------|---------|--------|-------------|
| Maximum: | 58.4 F  | 14.6 C | on the 15th |
| Minimum: | 18.55 F | -7.5 C | on the 6th  |

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

|                            |           |          |                                  |
|----------------------------|-----------|----------|----------------------------------|
| Maximum:                   | 1016.0 mb | 29.97 in | on the 12th, 24th,<br>25th, 30th |
| Minimum:                   | 1010.0 mb | 29.80 in | on the 4th, 7th, 21st            |
| Mean Monthly @ 1600 P.D.T. | 1013.0 mb | 29.88 in |                                  |

**STATION STATISTICS:**

Effective dates for statistics in this report are based the following observational period:  
01 July 1949 to 31 October 2016, inclusive. The station's record thus covers 68 Octobers.

**Temperature:**

|                                     |         |        |                   |
|-------------------------------------|---------|--------|-------------------|
| Extreme maximum for any October:    | 110.0 F | 43.3 C | on the 1st, 1980  |
| Extreme minimum for any October:    | 27.0 F  | -2.8 C | on the 30th, 1971 |
| Highest October mean daily maximum: | 90.7 F  | 32.6 C | in 1990           |
| Lowest October mean daily maximum:  | 76.3 F  | 24.6 C | in 2010           |
| Lowest October mean daily minimum:  | 40.2 F  | 4.6 C  | in 1954           |
| Highest October mean daily minimum: | 59.9 F  | 15.5 C | in 2015           |
| Highest October mean monthly:       | 75.1 F  | 24.0 C | in 2015           |
| Lowest October mean monthly:        | 61.3 F  | 16.3 C | in 1954           |

**Precipitation:**

|  |         |          |                   |
|--|---------|----------|-------------------|
| Extreme maximum for any October:           | 5.93 in | 150.6 mm | in 1987           |
| Maximum precipitation-day for any October: | 3.20 in | 81.3 mm  | on the 31st, 1987 |

20 out of 68 Octobers on record at this station have recorded 0.00 inches of precipitation; or 29.4% of all Octobers.

37 out of 68 Octobers on record at this station have recorded **below** normal precipitation (0.91 in or 23.1 mm); or 54.4% of all Octobers.

11 out of 68 Octobers on record at this station have recorded **at or above** normal precipitation (0.91 in or 23.1 mm); or 16.2% of all Octobers.

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

**PIERCE COLLEGE WEATHER STATION**  
**Anthropological and Geographical Sciences Department**  
**Weather Summary for November 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:            | 94.0 F | 34.4 C | on the 8th              |
| Lowest Maximum:             | 64.0 F | 17.8 C | on the 27th, 28th       |
| Extreme Minimum:            | 35.0 F | 1.7 C  | on the 25th, 26th, 30th |
| Highest Minimum:            | 57.0 F | 13.9 C | on the 3rd              |
| Extreme Monthly Range:      | 59.0 F | 32.8 C |                         |
| Mean Daily Maximum:         | 80.7 F | 27.1 C |                         |
| Mean Daily Minimum:         | 46.3 F | 7.9 C  |                         |
| Mean Monthly:               | 63.5 F | 17.5 C |                         |
| Maximum Daily Mean:         | 74.0 F | 23.3 C | on the 3rd, 8th         |
| Minimum Daily Mean:         | 50.5 F | 10.3 C | on the 28th             |
| Maximum Diurnal Range:      | 44.0 F | 24.4 C | on the 14th, 25th       |
| Minimum Diurnal Range:      | 17.0 F | 9.4 C  | on the 21st             |
| Mean Monthly Diurnal Range: | 34.4 F | 19.1 C |                         |

**Hydrology (Precipitation):**

|                                   |         |         |             |
|-----------------------------------|---------|---------|-------------|
| Occurrences:                      | 0.05 in | 1.3 mm  | on the 20th |
|                                   | 0.70 in | 17.8 mm | on the 21st |
|                                   | 0.21 in | 5.3 mm  | on the 26th |
|                                   | 0.01 in | 0.3 mm  | on the 27th |
| Monthly Total:                    | 0.97 in | 24.6 mm |             |
| Normal:*                          | 1.27 in | 32.3 mm |             |
| Monthly Normal Precipitation (%): | 76.4 %  |         |             |

**Hygrology (Humidity):**

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

|          |        |  |             |
|----------|--------|--|-------------|
| Maximum: | 90.3 % |  | on the 26th |
| Minimum: | 9.03 % |  | on the 18th |

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

|          |        |         |             |
|----------|--------|---------|-------------|
| Maximum: | 50.5 F | 10.3 C  | on the 20th |
| Minimum: | 8.71 F | -12.9 C | on the 17th |

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

|                            |           |          |             |
|----------------------------|-----------|----------|-------------|
| Maximum:                   | 1020.0 mb | 30.09 in | on the 23rd |
| Minimum:                   | 1009.0 mb | 29.77 in | on the 28th |
| Mean Monthly @ 1600 P.S.T. | 1015.3 mb | 29.95 in |             |

## **STATION STATISTICS:**

Effective dates for statistics in this report are based the following observational period:  
01 July 1949 to 30 November 2016, inclusive.

The station's period of record thus covers 68 Novembers.

### **Temperature:**

|                                  |         |        |                   |
|----------------------------------|---------|--------|-------------------|
| Extreme maximum for any Nov.:    | 101.0 F | 38.3 C | on the 7th, 2006  |
| Extreme minimum for any Nov.:    | 23.0 F  | -5.0 C | on the 17th, 1958 |
| Highest Nov. mean daily maximum: | 81.9 F  | 27.7 C | in 2006           |
| Lowest Nov. mean daily maximum:  | 66.2 F  | 19.0 C | in 1994           |
| Lowest Nov. mean daily minimum:  | 36.2 F  | 2.4 C  | in 1994           |
| Highest Nov. mean daily minimum: | 48.2 F  | 9.0 C  | in 2014           |
| Highest Nov. mean monthly:       | 63.5 F  | 17.5 C | in 2016           |
| Lowest Nov. mean monthly:        | 51.2 F  | 10.7 C | in 1994           |

### **Precipitation:**

|   |          |          |                   |
|---|----------|----------|-------------------|
| Extreme maximum for any Nov.:           | 12.60 in | 320.0 mm | in 1965           |
| Maximum precipitation-day for any Nov.: | 6.57 in  | 166.9 mm | on the 29th, 1970 |

8 out of 68 Novembers on record at this station have recorded  
0.00 inches of precipitation; or 11.8% of all Novembers.

33 out of 68 Novembers on record at this station have recorded  
**below** normal precipitation (1.27 in or 32.3 mm);  
or 48.5% of all Novembers.

27 out of 68 Novembers on record at this station have recorded  
**at or above** normal precipitation (1.27 in or 32.3 mm);  
or 39.7% of all Novembers.

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

**PIERCE COLLEGE WEATHER STATION**  
**Anthropological and Geographical Sciences Department**  
**Weather Summary for December 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:            | 79.0 F | 26.1 C | on the 4th             |
| Lowest Maximum:             | 56.0 F | 13.3 C | on the 24th, 25th      |
| Extreme Minimum:            | 33.0 F | 0.6 C  | on the 18th            |
| Highest Minimum:            | 57.0 F | 13.9 C | on the 11th            |
| Extreme Monthly Range:      | 46.0 F | 25.6 C |                        |
| Mean Daily Maximum:         | 67.9 F | 20.0 C |                        |
| Mean Daily Minimum:         | 44.4 F | 6.9 C  |                        |
| Mean Monthly:               | 56.2 F | 13.4 C |                        |
| Maximum Daily Mean:         | 63.5 F | 17.5 C | on the 3rd, 11th       |
| Minimum Daily Mean:         | 45.5 F | 7.5 C  | on the 25th            |
| Maximum Diurnal Range:      | 39.0 F | 21.7 C | on the 4th, 20th, 28th |
| Minimum Diurnal Range:      | 10.0 F | 5.6 C  | on the 31st            |
| Mean Monthly Diurnal Range: | 23.5 F | 13.1 C |                        |

**Hydrology (Precipitation):**

|                                   |         |         |             |
|-----------------------------------|---------|---------|-------------|
| Occurrences:                      | 1.06 in | 26.9 mm | on the 16th |
|                                   | 0.02 in | 0.5 mm  | on the 21st |
|                                   | 0.87 in | 22.1 mm | on the 22nd |
|                                   | 1.17 in | 29.7 mm | on the 24th |
|                                   | 0.32 in | 8.1 mm  | on the 30th |
|                                   | 0.05 in | 1.3 mm  | on the 31st |
| Monthly Total:                    | 3.49 in | 88.6 mm |             |
| Normal:*                          | 2.68 in | 68.1 mm |             |
| Monthly Normal Precipitation (%): | 130.2 % |         |             |

**Hygrology (Humidity):**

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

|          |        |             |
|----------|--------|-------------|
| Maximum: | 83.1 % | on the 31st |
| Minimum: | 9.0 %  | on the 3rd  |

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

|          |         |         |             |
|----------|---------|---------|-------------|
| Maximum: | 54.6 F  | 12.5 C  | on the 9th  |
| Minimum: | 2.011 F | -16.7 C | on the 19th |

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

|                            |           |          |             |
|----------------------------|-----------|----------|-------------|
| Maximum:                   | 1022.0 mb | 30.15 in | on the 19th |
| Minimum:                   | 1008.0 mb | 29.74 in | on the 24th |
| Mean Monthly @ 1600 P.S.T. | 1016.2 mb | 29.98 in |             |

**STATION STATISTICS:**

Effective dates for statistics in this report are based the following observational period:  
01 July 1949 to 31 December 2016, inclusive. The station's record thus covers 68 Decembers.

**Temperature:**

|                                      |        |        |                   |
|--------------------------------------|--------|--------|-------------------|
| Extreme maximum for any December:    | 96.0 F | 35.6 C | on the 3rd, 1958  |
| Extreme minimum for any December:    | 20.0 F | -6.7 C | on the 29th, 1954 |
| Highest December mean daily maximum: | 76.3 F | 24.6 C | in 1958           |
| Lowest December mean daily maximum:  | 59.6 F | 15.3 C | in 1971           |
| Lowest December mean daily minimum:  | 33.0 F | 0.5 C  | in 1949           |
| Highest December mean daily minimum: | 50.7 F | 10.4 C | in 1990           |
| Highest December mean monthly:       | 58.9 F | 14.9 C | in 1990           |
| Lowest December mean monthly:        | 49.0 F | 9.4 C  | in 1971           |

**Precipitation:**

|   |         |          |                   |
|---|---------|----------|-------------------|
| Extreme maximum for any December:           | 8.68 in | 220.5 mm | in 2004           |
| Maximum precipitation-day for any December: | 4.98 in | 126.5 mm | on the 29th, 1965 |

2 out of 68 Decembers on record at this station have recorded 0.00 inches of precipitation; or 3.0% of all Decembers.

43 out of 68 Decembers on record at this station have recorded **below** normal precipitation (2.68 in or 68.1 mm); or 63.2% of all Decembers.

23 out of 68 Decembers on record at this station have recorded **at or above** normal precipitation (2.68 in or 68.1 mm); or 33.8% of all Decembers.

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