

PIERCE COLLEGE WEATHER STATION

Anthropological and Geographical Sciences Department

Weather Summary for February 2012

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:	87.3 F	(30.7 C)	on 22nd
Lowest Maximum:	55.0 F	(12.8 C)	on 27th
Extreme Minimum:	31.0 F	(-0.56 C)	on 28th
Highest Minimum:	54.9 F	(12.72 C)	on 22nd
Extreme Monthly Range:	56.3 F	(31.3 C)	
Mean Daily Maximum:	69.6 F	(20.9 C)	
Mean Daily Minimum:	41.8 F	(5.44 C)	
Mean Monthly:	55.7 F	(13.2 C)	
Maximum Daily Mean:	71.1 F	(21.72 C)	on 22nd
Minimum Daily Mean:	44.3 F	(6.83 C)	on 28th
Maximum Diurnal Range:	42.1 F	(23.4 C)	on 24th
Minimum Diurnal Range:	8.5 F	(4.72 C)	on 27th
Mean Monthly Diurnal Range:	27.8 F	(15.4 C)	

Hydrology(Precipitation):

Occurrences:	0.02 in (0.508 mm)	on 8th
	0.01 in (0.254 mm)	on 15th

Monthly Total= 0.03 in (0.762 mm) Normal= 4.38 in (111.3 mm)
Percentage of Monthly normal precipitation = 0.685%

Hygrology (Humidity):

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

Maximum:	67%	on 7th
Minimum:	14%	on 3rd

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

Maximum:	47.7 F (8.72C)	on 7th
Minimum:	16.0 F (-8.88C)	on 3rd

Evaporation:

Total monthly pan loss: no data available

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

Maximum: 1021.5 mb (102.15 KPa; 30.13 in) on 28th
Minimum: 1008.1 mb (100.81 KPa; 29.74 in) on 23th
Mean Monthly @ 1600 P.S.T. 1014.4 mb (101.44 KPa; 29.92 in)

STATION STATISTICS:

Effective dates for statistics given in this report are based upon the observational period of this station: 01 July 1949 to 29 February 2012, inclusive.

The station's period of record thus covers sixty-three Februaries.

Temperature:

- Extreme maximum for any Feb.: 95.0 F (35.0 C) on 26th, 1986.
- Extreme minimum for any Feb.: 18.0 F (-7.8 C) on 6th, 1989.
- Highest Feb. mean daily maximum: 78.0 F (25.8 C) in 1977.
- Lowest Feb. mean daily maximum: 61.5 F (16.4 C) in 2001.
- Lowest Feb. mean daily minimum: 33.3 F (0.72 C) in 1956.
- Highest Feb. mean daily minimum: 49.2 F (9.5 C) in 1992.
- Highest Feb. mean monthly: 59.6 F (15.3 C) in 1991.
- Lowest Feb. mean monthly: 47.9 F (8.83 C) in 1956.

Precipitation:

- Extreme maximum for any Feb.: 18.02 in (457.7 mm) in 1998.

- Maximum precipitation-day for any Feb. 5.78 in (146.8 mm) on 12th, 2003.

- Three of the sixty-three Februaries of record at this station have recorded 0.00 inches precipitation; or, 4.76% of all Februaries of record have been dry.

- Forty-two of the sixty-three Februaries of record at this station have recorded precipitation amounts below normal (below 4.38 in; 111.3 mm); or 66.7% of all Februaries.

- Eighteen of the sixty-three Februaries of record at this station have recorded precipitation amounts above normal (above 4.38 in; 111.3 mm); or 28.6% of all Februaries.

PIERCE COLLEGE WEATHER STATION

Anthropological and Geographical Sciences Department

Weather Summary for March 2012

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:	87.0 F	(30.6 C)	on 4 th
Lowest Maximum:	52.0 F	(11.1 C)	on 25 th
Extreme Minimum:	34.0 F	(1.11 C)	on 8 th
Highest Minimum:	50.0 F	(10.0 C)	on 16 th
Extreme Monthly Range:	53.0 F	(29.4 C)	
Mean Daily Maximum:	69.4 F	(20.8 C)	
Mean Daily Minimum:	42.8 F	(6.0 C)	
Mean Monthly:	56.1 F	(13.4 C)	
Maximum Daily Mean:	65.5 F	(18.6 C)	on 5 th
Minimum Daily Mean:	47.0 F	(8.33 C)	on 18 th
Maximum Diurnal Range:	45.0 F	(25.0 C)	on 4 th
Minimum Diurnal Range:	6.0 F	(3.33 C)	on 17 th
Mean Monthly Diurnal Range:	26.6 F	(14.8 C)	

Hydrology (Precipitation):

Occurrences:	0.77 in (19.56 mm)	on 17 th
	0.11 in (2.79 mm)	on 18 th
	1.50 in (38.1 mm)	on 25 th
	0.51 in (12.95 mm)	on 26 th

Monthly Total = 2.89 in (73.41 mm), Normal = 2.81* in (71.37 mm)

Percentage of Monthly Normal Precipitation = 102.8%

Hygrology (Humidity):

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

Maximum:	87%	on 25 th
Minimum:	4%	on 2 nd

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

Maximum:	50.1 F (10.1 C)	on 16 th
Minimum:	-8.4 F (-22.4 C)	on 2 nd

Evaporation:

Total monthly pan loss: no data available

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

Maximum: 1020.5 mb (102.05 KPa; 30.14in) on 8th
Minimum: 1005.1 mb (100.51 KPa; 29.68 in) on 17th
Mean Monthly @ 1600 P.D.T. 1014.1 mb (101.41 KPa; 29.95 in)

STATION STATISTICS:

Effective dates for statistics given in this report are based upon the observational period of this station: 01 July 1949 to 31 March 2012, inclusive.

The station's period of record thus covers sixty-three Marches.

Temperature:

- Extreme maximum for any Mar.: 101.0 F (38.3 C) on 26th, 1988.
- Extreme minimum for any Mar.: 26.0 F (-3.33 C) on 13th, 1954; 4th, 1966.
- Highest Mar. mean daily maximum: 83.5 F (28.6 C) in 2004.
- Lowest Mar. mean daily maximum: 62.1 F (16.7 C) in 1952.
- Highest Mar. mean daily minimum: 47.5 F (8.61 C) in 2004.
- Lowest Mar. mean daily minimum: 36.9 F (2.72 C) in 1953.
- Highest Mar. mean monthly: 65.5 F (18.6 C) in 2004.
- Lowest Mar. mean monthly: 50.1 F (10.1 C) in 1952.

Precipitation:

- Extreme maximum for any Mar.: 12.39 in (314.71 mm) in 1976.
- Maximum precipitation-day for any Mar.: 6.06 in (153.92 mm) on 1st, 1976.
- Five of the sixty-three Marches of record at this station have recorded 0.00 inches precipitation; or 7.94% of all Marches of record have been dry.
- Thirty-two of the sixty-three Marches of record at this station have recorded precipitation amounts below normal (below 2.81* in; 71.37 mm); or 50.8% of all Marches.
- Twenty-six of the sixty-three Marches of record at this station have recorded precipitation amounts above normal (above 2.81* in; 71.37 mm); or 41.3% 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 2012

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:	98.0 F	36.7 C	on the 20th
Lowest Maximum:	53.0 F	11.7 C	on the 13th
Extreme Minimum:	38.0 F	3.3 C	on the 8th
Highest Minimum:	57.0 F	13.9 C	on the 25th
Extreme Monthly Range:	60.0 F	33.3 C	
Mean Daily Maximum:	76.2 F	24.6 C	
Mean Daily Minimum:	47.1 F	8.4 C	
Mean Monthly:	61.7 F	16.5 C	
Maximum Daily Mean:	75.5 F	24.2 C	on the 20th
Minimum Daily Mean:	50.0 F	10.0 C	on the 13th
Maximum Diurnal Range:	46.0 F	25.6 C	on the 7th
Minimum Diurnal Range:	6.0 F	3.3 C	on the 13th
Mean Monthly Diurnal Range:	29.1 F	16.2 C	

Hydrology (Precipitation):

Occurrences:	0.04 in	1.0 mm	on the 1st
	0.63 in	16.0 mm	on the 11th
	1.16 in	29.5 mm	on the 13th
	0.13 in	3.3 mm	on the 26th
Monthly Total:	1.96 in	49.8 mm	
Normal:*	0.98 in	24.9 mm	
Monthly Normal Precipitation (%):	200.0 %		

Hygrology (Humidity):

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

Maximum:	68 %	on the 13th
Minimum:	8 %	on the 8th

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

Maximum:	57 F	13.9 C	on the 30th
Minimum:	8.3 F	-13.2 C	on the 8th

Evaporation:

Total monthly pan loss:

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

Maximum:	1019.0 mb	30.06 in	on the 12th
Minimum:	1007.0 mb	29.71 in	on the 25th
Mean Monthly @ 1600 P.D.T.	1013.4 mb	29.90 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 30 April 2012, inclusive. The station's period of record thus covers 63 Aprils.

Temperature:

Extreme maximum for any Apr.:	105.0 F	40.6 C	on 6th & 7th, 1989
Extreme minimum for any Apr.:	30.0 F	-1.1 C	on the 9th, 1953
Highest Apr. mean daily maximum:	84.6 F	29.2 C	in 1987
Lowest Apr. mean daily maximum:	64.5 F	18.1 C	in 1967
Lowest Apr. mean daily minimum:	38.1 F	3.4 C	in 1697
Highest Apr. mean daily minimum:	50.5 F	10.3 C	in 1992
Highest Apr. mean monthly:	66.4 F	19.1 C	in 1992
Lowest Apr. mean monthly:	51.3 F	10.7 C	in 1967

Precipitation:

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

13 out of **63** Aprils on record at this station have recorded **0.00** inches of precipitation; or **20.6%** of all Aprils.

24 out of **63** Aprils on record at this station have recorded **below** normal precipitation (below 0.98 in or 24.9 mm); or **38.1%** of all Aprils.

26 out of **63** Aprils on record at this station have recorded **above** normal precipitation (above 0.98 in or 24.9 mm); or **41.3%** 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 2012

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:	98.0 F	36.7 C	on the 20th
Lowest Maximum:	65.0 F	18.3 C	on the 2nd
Extreme Minimum:	45.0 F	7.2 C	on the 26th
Highest Minimum:	58.0 F	14.4 C	on the 25th
Extreme Monthly Range:	53.0 F	29.4 C	
Mean Daily Maximum:	85.5 F	29.7 C	
Mean Daily Minimum:	52.5 F	11.4 C	
Mean Monthly:	69.0 F	20.6 C	
Maximum Daily Mean:	76.5 F	24.7 C	on the 22nd
Minimum Daily Mean:	57.5 F	14.2 C	on the 26th
Maximum Diurnal Range:	45.0 F	25.0 C	on the 20th
Minimum Diurnal Range:	9.0 F	5.0 C	on the 2nd
Mean Monthly Diurnal Range:	32.6 F	18.1 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:	70 %	on the 1st
Minimum:	9 %	on the 9th

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

Maximum:	56 F	13.3 C	on the 6th
Minimum:	25.6 F	-3.6 C	on the 8th

Evaporation:

Total monthly pan loss:

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

Maximum:	1015.8 mb	29.97 in	on the 3rd
Minimum:	1005.0 mb	29.65 in	on the 23rd, 24th
Mean Monthly @ 1600 P.D.T.	1011.3 mb	29.83 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 31 May 2012, inclusive. The station's period of record thus covers 63 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

24 out of 63 Mays on record at this station have recorded
0.00 inches of precipitation; or 38.1% of all Mays.

29 out of 63 Mays on record at this station have recorded
below normal precipitation (below 0.31 in or 7.9 mm);
or 46.0% of all Mays.

10 out of 63 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.

PIERCE COLLEGE WEATHER STATION
Anthropological and Geographical Sciences Department
Weather Summary for June 2012

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:	98.0 F	36.7 C	on the 18th
Lowest Maximum:	79.0 F	26.1 C	on the 5th
Extreme Minimum:	51.0 F	10.6 C	on the 6th, 25th
Highest Minimum:	60.0 F	15.6 C	on the 2nd, 16th
Extreme Monthly Range:	47.0 F	26.1 C	
Mean Daily Maximum:	89.0 F	31.7 C	
Mean Daily Minimum:	55.7 F	13.2 C	
Mean Monthly:	72.4 F	22.4 C	
Maximum Daily Mean:	78.0 F	25.6 C	on the 18th
Minimum Daily Mean:	65.5 F	18.6 C	on the 5th
Maximum Diurnal Range:	42.0 F	23.3 C	on the 17th, 28th
Minimum Diurnal Range:	24.0 F	13.3 C	on the 4th, 9th
Mean Monthly Diurnal Range:	33.3 F	18.5 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:	57.3 %	on the 4th
Minimum:	14 %	on the 25th, 27th, 28th

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

Maximum:	57.1 F	14.0 C	on the 8th
Minimum:	30 F	-1.1 C	on the 25th

Evaporation:

Total monthly pan loss:

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

Maximum:	1014.0 mb	29.91 in	on the 28th
Minimum:	1007.0 mb	29.71 in	on the 6th
Mean Monthly @ 1600 P.D.T.	1010.3 mb	29.80 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 30 June 2012, inclusive. The station's period of record thus covers 63 Junes.

Temperature:

Extreme maximum for any June:	113.0 F	45.0 C	on the 15th, 1961 & on the 26th, 1990
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:	59.8 F	15.5 C	in 2006
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

50 out of 63 Junes on record at this station have recorded
0.00 inches of precipitation; or 79.4% of all Junes.

4 out of 63 Junes on record at this station have recorded
below normal precipitation (0.06 in or 1.5 mm);
or 6.3% of all Junes.

9 out of 63 Junes on record at this station have recorded
at or above normal precipitation (0.06 in or 1.5 mm);
or 14.3% 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 2012

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 10th
Lowest Maximum:	79.0 F	26.1 C	on the 17th
Extreme Minimum:	53.0 F	11.7 C	on the 25th, 27th
Highest Minimum:	71.0 F	21.7 C	on the 13th
Extreme Monthly Range:	54.0 F	30.0 C	
Mean Daily Maximum:	94.4 F	34.7 C	
Mean Daily Minimum:	59.0 F	15.0 C	
Mean Monthly:	76.7 F	24.8 C	
Maximum Daily Mean:	85.0 F	29.4 C	on the 12th, 13th
Minimum Daily Mean:	69.0 F	20.6 C	on the 17th
Maximum Diurnal Range:	46.0 F	25.6 C	on the 9th
Minimum Diurnal Range:	20.0 F	11.1 C	on the 17th
Mean Monthly Diurnal Range:	35.5 F	19.7 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:	49.0 %	on the 4th
Minimum:	6.0 %	on the 8th

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

Maximum:	59.1 F	15.1 C	on the 12th
Minimum:	16.4 F	-8.7 C	on the 8th

Evaporation:

Total monthly pan loss:

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

Maximum:	1014.0 mb	29.91 in	on the 7th, 17th, 18th, 31st
Minimum:	1007.0 mb	29.71 in	on the 11th
Mean Monthly @ 1600 P.D.T.	1011.7 mb	29.84 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 30 July 2012, inclusive. The station's period of record thus covers 64 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:	0.17 in	4.3 mm	in 1995
Maximum precipitation-day for any July:	0.17 in	4.3 mm	on the 16th, 1995

54 out of 64 Julys on record at this station have recorded
0.00 inches of precipitation; or 84.4% of all Julys.

2 out of 64 Julys on record at this station have recorded
below normal precipitation (0.02 in or 0.5 mm);
or 3.1% of all Julys.

8 out of 64 Julys on record at this station have recorded
at or above normal precipitation (0.02 in or 0.5 mm);
or 1.25% 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 2012

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:	109.0 F	42.8 C	on the 9th
Lowest Maximum:	90.0 F	32.2 C	on the 22nd
Extreme Minimum:	55.0 F	12.8 C	on the 27th
Highest Minimum:	72.0 F	22.2 C	on the 12th
Extreme Monthly Range:	54.0 F	30.0 C	
Mean Daily Maximum:	99.9 F	37.7 C	
Mean Daily Minimum:	65.0 F	18.4 C	
Mean Monthly:	82.5 F	28.0 C	
Maximum Daily Mean:	90.0 F	32.2 C	on the 12th
Minimum Daily Mean:	75.0 F	23.9 C	on the 17th
Maximum Diurnal Range:	46.0 F	25.6 C	on the 9th
Minimum Diurnal Range:	24.0 F	13.3 C	on the 26th
Mean Monthly Diurnal Range:	34.9 F	19.4 C	

Hydrology (Precipitation):

Occurrences:	none	
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:	45.0 %	on the 22nd
Minimum:	11.0 %	on the 27th

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

Maximum:	62.3 F	16.8 C	on the 22nd
Minimum:	15 F	-9.4 C	on the 26nd

Evaporation:

Total monthly pan loss:

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

Maximum:	1014.0 mb	29.91 in	on the 1st
Minimum:	1006.0 mb	29.68 in	on the 10th
Mean Monthly @ 1600 P.D.T.	1009.6 mb	29.78 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 August 1949 to 30 August 2012, inclusive. The station's record thus covers 64 Augusts.

Temperature:

Extreme maximum for any August:	116.0 F	46.7 C	on the 24nd, 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

46 out of 64 Augusts on record at this station have recorded
0.00 inches of precipitation; or 71.9% of all Augusts.

8 out of 64 Augusts on record at this station have recorded
below normal precipitation (0.05 in or 1.3 mm);
or 12.5% of all Augusts.

10 out of 64 Augusts on record at this station have recorded
at or above normal precipitation (0.05 in or 1.3 mm);
or 15.6% 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 2012

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 14th
Lowest Maximum:	90.0 F	32.2 C	on the 11th, 25th
Extreme Minimum:	53.0 F	11.7 C	on the 2nd
Highest Minimum:	69.0 F	20.6 C	on the 5th, 9th
Extreme Monthly Range:	53.0 F	29.4 C	
Mean Daily Maximum:	98.0 F	36.7 C	
Mean Daily Minimum:	61.7 F	16.5 C	
Mean Monthly:	79.9 F	26.6 C	
Maximum Daily Mean:	85.0 F	29.4 C	on the 9th
Minimum Daily Mean:	73.0 F	22.8 C	on the 25th, 26th
Maximum Diurnal Range:	45.0 F	25.0 C	on the 30th
Minimum Diurnal Range:	23.0 F	12.8 C	on the 11th
Mean Monthly Diurnal Range:	36.4 F	20.2 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:	56.0 %	on the 11th
Minimum:	9 %	on the 4th

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

Maximum:	64.6 F	18.1 C	on the 11th
Minimum:	28.3 F	-2.1 C	on the 29th

Evaporation:

Total monthly pan loss:	7.82 inches
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Barometry (Atmospheric Pressure): (1600 P.D.T.)

Maximum:	1014.0 mb	29.91 in	on the 5th, 16th
Minimum:	1008.0 mb	29.74 in	on the 9th
Mean Monthly @ 1600 P.D.T.	1011.6 mb	29.84 in	

STATION STATISTICS:

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

01 July 1949 to 30 September 2012, inclusive.

The station's period of record thus covers 64 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:	61.7 F	16.5 C	in 2012
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

34 out of 64 Septembers on record at this station have recorded 0.00 inches of precipitation; or 53.1% of all Septembers.

14 out of 64 Septembers on record at this station have recorded **below** normal precipitation (0.16 in or 4.1 mm); or 21.9% of all Septembers.

16 out of 63 Septembers on record at this station have recorded **at or above** normal precipitation (0.16 in or 4.1 mm); or 25.4% 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 2012

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 1st
Lowest Maximum:	71.0 F	21.7 C	on the 12th
Extreme Minimum:	45.0 F	7.2 C	on the 30th
Highest Minimum:	66.0 F	18.9 C	on the 26th
Extreme Monthly Range:	62.0 F	34.4 C	
Mean Daily Maximum:	85.9 F	29.9 C	
Mean Daily Minimum:	54.5 F	12.5 C	
Mean Monthly:	70.2 F	21.2 C	
Maximum Daily Mean:	84.0 F	28.9 C	on the 1st
Minimum Daily Mean:	60.0 F	15.6 C	on the 12th
Maximum Diurnal Range:	46.0 F	25.6 C	on the 1st
Minimum Diurnal Range:	11.0 F	6.1 C	on the 21st
Mean Monthly Diurnal Range:	31.4 F	17.4 C	

Hydrology (Precipitation):

Occurrences:	0.35 in	8.9 mm	on the 11th
	0.26 in	6.6 mm	on the 12th
Monthly Total:	0.61 in	15.5 mm	
Normal:*	0.91 in	23.1 mm	
Monthly Normal Precipitation (%):	67.0 %		

Hygrology (Humidity):

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

Maximum:	82.0 %		on the 11th
Minimum:	8.0 %		on the 1st

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

Maximum:	60.8 F	16.0 C	on the 19th
Minimum:	22.1 F	-5.5 C	on the 26th

Evaporation:

Total monthly pan loss: 3.66 inches (values only from 10/1 - 10/27)

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

Maximum:	1019.0 mb	30.06 in	on the 12th
Minimum:	1007.0 mb	29.71 in	on the 16th
Mean Monthly @ 1600 P.D.T.	1012.9 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 2012, inclusive. The station's record thus covers 64 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:	55.3 F	13.0 C	in 1987
Highest October mean monthly:	71.3 F	21.8 C	in 2003
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

19 out of 64 Octobers on record at this station have recorded
0.00 inches of precipitation; or 29.7% of all Octobers.

34 out of 64 Octobers on record at this station have recorded
below normal precipitation (0.91 in or 23 mm);
or 53.1% of all Octobers.

11 out of 64 Octobers on record at this station have recorded
at or above normal precipitation (0.91 in or 23 mm);
or 17.2% 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 2012

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 5th
Lowest Maximum:	61.0 F	16.1 C	on the 10th, 29th
Extreme Minimum:	36.0 F	2.2 C	on the 10th
Highest Minimum:	59.0 F	15.0 C	on the 17th
Extreme Monthly Range:	59.0 F	32.8 C	
Mean Daily Maximum:	76.1 F	24.5 C	
Mean Daily Minimum:	47.6 F	8.7 C	
Mean Monthly:	61.9 F	16.6 C	
Maximum Daily Mean:	75.0 F	23.9 C	on the 5th
Minimum Daily Mean:	48.5 F	9.2 C	on the 10th
Maximum Diurnal Range:	46.0 F	25.6 C	on the 24th
Minimum Diurnal Range:	6.0 F	3.3 C	on the 29th
Mean Monthly Diurnal Range:	28.4 F	15.8 C	

Hydrology (Precipitation):

Occurrences:	0.01 in	0.3 mm	on the 9th
	0.13 in	3.3 mm	on the 16th
	0.51 in	13.0 mm	on the 17th
	0.09 in	2.3 mm	on the 18th
	0.23 in	5.8 mm	on the 29th
	0.20 in	5.1 mm	on the 30th
Monthly Total:	1.17 in	29.7 mm	
Normal:*	1.27 in	32.3 mm	
Monthly Normal Precipitation (%):	92.1 %		

Hygrology (Humidity):

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

Maximum:	91.0 %	on the 29th
Minimum:	8 %	on the 13th

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

Maximum:	57.7 F	14.3 C	on the 29th
Minimum:	8.7 F	-12.9 C	on the 12th

Evaporation:

Total monthly pan loss: 2.09 inches

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

Maximum:	1024.0 mb	30.21 in	on the 11th
Minimum:	1011.0 mb	29.82 in	on the 9th
Mean Monthly @ 1600 P.D.T.	1016.6 mb	29.99 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 30 November 2012, inclusive.

The station's period of record thus covers 64 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:	48.1 F	8.9 C	in 1969
Highest Nov. mean monthly:	63.5 F	17.5 C	in 2006
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 64 Novembers on record at this station have recorded
0.00 inches of precipitation; or 12.5% of all Novembers.

29 out of 64 Novembers on record at this station have recorded
below normal precipitation (1.27 in or 32.3 mm);
or 45.3% of all Novembers.

27 out of 64 Novembers on record at this station have recorded
at or above normal precipitation (1.27 in or 32.3 mm);
or 42.2% 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 2012

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 7th
Lowest Maximum:	54.0 F	12.2 C	on the 16th
Extreme Minimum:	29.0 F	-1.7 C	on the 21st
Highest Minimum:	57.0 F	13.9 C	on the 2nd, 3rd
Extreme Monthly Range:	50.0 F	27.8 C	
Mean Daily Maximum:	64.8 F	18.2 C	
Mean Daily Minimum:	42.8 F	6.0 C	
Mean Monthly:	53.8 F	12.1 C	
Maximum Daily Mean:	64.0 F	17.8 C	on the 3rd
Minimum Daily Mean:	44.0 F	6.7 C	on the 30th
Maximum Diurnal Range:	39.0 F	21.7 C	on the 21st
Minimum Diurnal Range:	7.0 F	3.9 C	on the 2nd
Mean Monthly Diurnal Range:	22.0 F	12.2 C	

Hydrology (Precipitation):

Occurrences:	0.09 in	2.3 mm	on the 1st
	0.02 in	0.5 mm	on the 2nd
	0.20 in	5.1 mm	on the 3rd
	0.15 in	3.8 mm	on the 13th
	0.09 in	2.3 mm	on the 15th
	0.08 in	2.0 mm	on the 16th
	0.08 in	2.0 mm	on the 17th
	0.24 in	6.1 mm	on the 18th
	0.05 in	1.3 mm	on the 23rd
	0.83 in	21.1 mm	on the 24th
	0.13 in	3.3 mm	on the 26th
	0.05 in	1.3 mm	on the 29th
	0.05 in	1.3 mm	on the 30th
Monthly Total:	2.06 in	52.3 mm	
Normal:*	2.68 in	68.1 mm	
Monthly Normal Precipitation (%):	76.9 %		

Hygrology (Humidity):

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

Maximum:	93.0 %	on the 16th
Minimum:	14.0 %	on the 19th

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

Maximum:	58.7 F	14.8 C	on the 1st
Minimum:	7.8 F	-13.4 C	on the 19th

Evaporation:

Total monthly pan loss: (not available this month due to evap pan issues)

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

Maximum:	1022.0 mb	30.15 in	on the 19th, 31st
Minimum:	1006.0 mb	29.68 in	on the 13th
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 2012, inclusive. The station's record thus covers 64 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 64 Decembers on record at this station have recorded 0.00 inches of precipitation; or 3.1% of all Decembers.

41 out of 64 Decembers on record at this station have recorded **below** normal precipitation (2.68 in or 68.1 mm); or 64.1% of all Decembers.

21 out of 64 Decembers on record at this station have recorded **at or above** normal precipitation (2.68 in or 68.1 mm); or 32.8% of all Decembers.

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