

PIERCE COLLEGE WEATHER STATION
Anthropological and Geographical Sciences Department
Weather Summary for January 2013

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 22nd
Lowest Maximum:	52.0 F	11.1 C	on the 14th
Extreme Minimum:	27.0 F	-2.8 C	on the 13th
Highest Minimum:	55.0 F	12.8 C	on the 26th
Extreme Monthly Range:	54.0 F	30.0 C	
Mean Daily Maximum:	67.8 F	19.9 C	
Mean Daily Minimum:	41.0 F	5.0 C	
Mean Monthly:	54.4 F	12.4 C	
Maximum Daily Mean:	64.0 F	17.8 C	on the 26th
Minimum Daily Mean:	41.5 F	5.3 C	on the 13th
Maximum Diurnal Range:	44.0 F	24.4 C	on the 22nd
Minimum Diurnal Range:	8.0 F	4.4 C	on the 25th
Mean Monthly Diurnal Range:	26.8 F	14.9 C	

Hydrology (Precipitation):

Occurrences:	0.02 in	0.5 mm	on the 6th
	0.98 in	24.9 mm	on the 24th
	0.38 in	9.7 mm	on the 25th
	0.09 in	2.3 mm	on the 26th
	0.42 in	10.7 mm	on the 27th
	0.03 in	0.8 mm	on the 28th
Monthly Total:	1.92 in	48.8 mm	
Normal:*	3.69 in	93.7 mm	
Monthly Normal Precipitation (%):	52.0 %		

Hygrology (Humidity):

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

Maximum:	89.0 %	on the 25th
Minimum:	7.0 %	on the 21st

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

Maximum:	55.3 F	12.9 C	on the 25th
Minimum:	-4.1 F	-20.1 C	on the 14th

Evaporation:

Total monthly pan loss:	2.69 in	68.3 mm
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Barometry (Atmospheric Pressure): (1600 P.S.T.)

Maximum:	1026.0 mb	30.27 in	on the 15th
Minimum:	1012.0 mb	29.85 in	on the 26th
Mean Monthly @ 1600 P.S.T.	1018.4 mb	30.04 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 31 January 2013, inclusive. The station's record thus covers 64 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:	60.7 F	16.0 C	in 2003
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

3 out of 64 Januarys on record at this station have recorded
0.00 inches of precipitation; or 4.7% of all Januarys.

41 out of 64 Januarys on record at this station have recorded
below normal precipitation (3.69 in or 93.7 mm);
or 64.1% of all Januarys.

20 out of 64 Januarys on record at this station have recorded
at or above normal precipitation (3.69 in or 93.7 mm);
or 31.2% 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 2013

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:	82.0 F	27.8 C	on the 16th
Lowest Maximum:	55.0 F	12.8 C	on the 8th
Extreme Minimum:	30.0 F	-1.1 C	on the 12th
Highest Minimum:	50.0 F	10.0 C	on the 2nd
Extreme Monthly Range:	52.0 F	28.9 C	
Mean Daily Maximum:	69.8 F	21.0 C	
Mean Daily Minimum:	39.2 F	4.0 C	
Mean Monthly:	54.5 F	12.5 C	
Maximum Daily Mean:	64.0 F	17.8 C	on the 28th
Minimum Daily Mean:	44.0 F	6.7 C	on the 9th
Maximum Diurnal Range:	42.0 F	23.3 C	on the 14th
Minimum Diurnal Range:	16.0 F	8.9 C	on the 16th
Mean Monthly Diurnal Range:	30.6 F	17.0 C	

Hydrology (Precipitation):

Occurrences:	0.17 in	4.3 mm	on the 9th
	0.08 in	2.0 mm	on the 19th
	0.23 in	5.8 mm	on the 20th
Monthly Total:	0.48 in	12.2 mm	
Normal:*	4.62 in	117.3 mm	
Monthly Normal Precipitation (%):	10.4 %		

Hygrology (Humidity):

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

Maximum:	71.0 %		on the 7th
Minimum:	8.0 %		on the 28th

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

Maximum:	48.2 F	9.0 C	on the 5th
Minimum:	5 F	-15.0 C	on the 24th

Evaporation:

Total monthly pan loss: 2.82 in 71.6 mm

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

Maximum:	1024.0 mb	30.21 in	on the 28th
Minimum:	1009.0 mb	29.77 in	on the 19th
Mean Monthly @ 1600 P.S.T.	1016.8 mb	29.99 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 28 February 2013, inclusive. The station's record thus covers 64 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:	78.0 F	25.6 C	in 1977
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:	61.3 F	16.3 C	in 1963
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 64 Februarys on record at this station have recorded 0.00 inches of precipitation; or 4.7% of all Februarys.

43 out of 64 Februarys on record at this station have recorded **below** normal precipitation (4.62 in or 117.3 mm); or 67.2% of all Februarys.

18 out of 64 Februarys on record at this station have recorded **at or above** normal precipitation (4.62 in or 117.3 mm); or 28.1% 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 2013

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 13th, 14th
Lowest Maximum:	57.0 F	13.9 C	on the 8th
Extreme Minimum:	39.0 F	3.9 C	on the 11th
Highest Minimum:	55.0 F	12.8 C	on the 31st
Extreme Monthly Range:	55.0 F	30.6 C	
Mean Daily Maximum:	77.8 F	25.4 C	
Mean Daily Minimum:	46.4 F	8.0 C	
Mean Monthly:	62.1 F	16.7 C	
Maximum Daily Mean:	71.0 F	21.7 C	on the 14th
Minimum Daily Mean:	49.0 F	9.4 C	on the 8th
Maximum Diurnal Range:	48.0 F	26.7 C	on the 13th
Minimum Diurnal Range:	12.0 F	6.7 C	on the 7th
Mean Monthly Diurnal Range:	31.4 F	17.5 C	

Hydrology (Precipitation):

Occurrences:	1.07 in	27.2 mm	on the 8th
Monthly Total:	1.07 in	27.2 mm	
Normal:*	2.84 in	72.1 mm	
Monthly Normal Precipitation (%):	37.7 %		

Hygrology (Humidity):

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

Maximum:	73.0 %		on the 31st
Minimum:	11.0 %		on the 1st, 10th, & 12th

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

Maximum:	53.6 F	12.0 C	on the 31st
Minimum:	18.4 F	-7.6 C	on the 10th

Evaporation:

Total monthly pan loss: 4.73 in 120.1 mm

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

Maximum:	1021.0 mb	30.12 in	on the 1st, 10th
Minimum:	1009.0 mb	29.77 in	on the 21st
Mean Monthly @ 1600 P.D.T.	1015.2 mb	29.95 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 31 March 2013, inclusive. The station's record thus covers 64 Marchs.

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:	47.5 F	8.6 C	in 2004
Highest March mean monthly:	65.6 F	18.7 C	in 2004
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 64 Marches on record at this station have recorded
0.00 inches of precipitation; or 7.8% of all Marches.

33 out of 64 Marches on record at this station have recorded
below normal precipitation (2.84 in or 72.1 mm);
or 51.6% of all Marches.

26 out of 64 Marches on record at this station have recorded
at or above normal precipitation (2.84 in or 72.1 mm);
or 40.6% 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 2013

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:	93.0 F	33.9 C	on the 20th
Lowest Maximum:	65.0 F	18.3 C	on the 15th
Extreme Minimum:	42.0 F	5.6 C	on the 9th
Highest Minimum:	59.0 F	15.0 C	on the 10th
Extreme Monthly Range:	51.0 F	28.3 C	
Mean Daily Maximum:	80.9 F	27.1 C	
Mean Daily Minimum:	50.5 F	10.3 C	
Mean Monthly:	65.7 F	18.7 C	
Maximum Daily Mean:	72.0 F	22.2 C	on the 10th, 20th
Minimum Daily Mean:	56.0 F	13.3 C	on the 16th
Maximum Diurnal Range:	42.0 F	23.3 C	on the 19th, 20th
Minimum Diurnal Range:	12.0 F	6.7 C	on the 15th
Mean Monthly Diurnal Range:	30.4 F	16.9 C	

Hydrology (Precipitation):

Occurrences:	none		
Monthly Total:	0 in	0.0 mm	
Normal:*	0.98 in	24.9 mm	
Monthly Normal Precipitation (%):	0.0 %		

Hygrology (Humidity):

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

Maximum:	76 %	on the 24th
Minimum:	8 %	on the 18th

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

Maximum:	52.3 F	11.3 C	on the 28th
Minimum:	11 F	-11.7 C	on the 18th

Evaporation:

Total monthly pan loss:	5.48 in	139.19 mm
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Barometry (Atmospheric Pressure): (1600 P.D.T.)

Maximum:	1020.0 mb	30.09 in	on the 18th
Minimum:	1005.0 mb	29.65 in	on the 8th
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 30 April 2013, inclusive. The station's period of record thus covers 64 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
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 **64** Aprils on record at this station have recorded **0.00** inches of precipitation; or **21.9%** of all Aprils.

24 out of **64** Aprils on record at this station have recorded **below** normal precipitation (below 0.98 in or 24.9 mm);
or **37.5%** of all Aprils.

26 out of **64** Aprils on record at this station have recorded **above** normal precipitation (above 0.98 in or 24.9 mm);
or **40.6%** 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 2013

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:	103.0 F	39.4 C	on the 12th, 13th
Lowest Maximum:	67.0 F	19.4 C	on the 6th
Extreme Minimum:	48.0 F	8.9 C	on the 9th
Highest Minimum:	62.0 F	16.7 C	on the 13th
Extreme Monthly Range:	55.0 F	30.6 C	
Mean Daily Maximum:	84.3 F	29.0 C	
Mean Daily Minimum:	54.2 F	12.3 C	
Mean Monthly:	69.2 F	20.7 C	
Maximum Daily Mean:	82.5 F	28.1 C	on the 13th
Minimum Daily Mean:	60.5 F	15.8 C	on the 6th
Maximum Diurnal Range:	44.0 F	24.4 C	on the 12th
Minimum Diurnal Range:	13.0 F	7.2 C	on the 6th
Mean Monthly Diurnal Range:	30.1 F	16.7 C	

Hydrology (Precipitation):

Occurrences:	0.36 in	9.1 mm
	0.03 in	0.8 mm
	0.01 in	0.3 mm
Monthly Total:	0.4 in	10.2 mm
Normal:*	0.31 in	7.9 mm
Monthly Normal Precipitation (%):	129.0 %	

Hygrology (Humidity):

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

Maximum:	60 %	on the 5th
Minimum:	5 %	on the 2nd

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

Maximum:	55.7 F	13.2 C	on the 31st
Minimum:	10.5 F	-11.9 C	on the 2nd

Evaporation:

Total monthly pan loss: N/A this month

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

Maximum:	1017.0 mb	30.00 in	on the 2nd, 8th
Minimum:	1006.0 mb	29.68 in	on the 29th
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 2013, inclusive. The station's period of record thus covers 64 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 64 Mays on record at this station have recorded 0.00 inches of precipitation; or 37.5% of all Mays.

29 out of 64 Mays on record at this station have recorded **below** normal precipitation (below 0.31 in or 7.9 mm); or 45.3% of all Mays.

11 out of 64 Mays on record at this station have recorded **above** normal precipitation (above 0.31 in or 7.9 mm); or 17.2% 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 2013

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 29th
Lowest Maximum:	77.0 F	25.0 C	on the 24th
Extreme Minimum:	53.0 F	11.7 C	on the 21st
Highest Minimum:	68.0 F	20.0 C	on the 30th
Extreme Monthly Range:	54.0 F	30.0 C	
Mean Daily Maximum:	89.2 F	31.8 C	
Mean Daily Minimum:	58.0 F	14.4 C	
Mean Monthly:	73.6 F	23.1 C	
Maximum Daily Mean:	87.0 F	30.6 C	on the 29th & 30th
Minimum Daily Mean:	67.5 F	19.7 C	on the 24th
Maximum Diurnal Range:	46.0 F	25.6 C	on the 1st
Minimum Diurnal Range:	19.0 F	10.6 C	on the 24th
Mean Monthly Diurnal Range:	31.3 F	17.4 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:	57.0 %	on the 24th
Minimum:	16 %	on the 29th

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

Maximum:	60.5 F	15.8 C	on the 30th
Minimum:	43.6 F	6.4 C	on the 15th

Evaporation:

Total monthly pan loss: N/A

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

Maximum:	1014.0 mb	29.91 in	on the 12th, 13th, 15th, 16th, 25th, & 27th
Minimum:	1007.0 mb	29.71 in	on the 29th
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 July 1949 to 30 June 2013, inclusive. The station's period of record thus covers 64 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

51 out of 64 Junes on record at this station have recorded
0.00 inches of precipitation; or 79.7% of all Junes.

4 out of 64 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 64 Junes on record at this station have recorded
at or above normal precipitation (0.06 in or 1.5 mm);
or 14.0% 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 2013

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:	102.0 F	38.9 C	on the 9th
Lowest Maximum:	82.0 F	27.8 C	on the 11th
Extreme Minimum:	55.0 F	12.8 C	on the 16th
Highest Minimum:	67.0 F	19.4 C	on the 10th
Extreme Monthly Range:	47.0 F	26.1 C	
Mean Daily Maximum:	94.1 F	34.5 C	
Mean Daily Minimum:	61.8 F	16.6 C	
Mean Monthly:	78.0 F	25.5 C	
Maximum Daily Mean:	82.5 F	28.1 C	on the 9th
Minimum Daily Mean:	72.0 F	22.2 C	on the 31st
Maximum Diurnal Range:	41.0 F	22.8 C	on the 9th
Minimum Diurnal Range:	16.0 F	8.9 C	on the 11th
Mean Monthly Diurnal Range:	32.3 F	17.9 C	

Hydrology (Precipitation):

Occurrences:	0.03 in	0.8 mm	on the 11th
	0.02 in	0.5 mm	on the 23rd
Monthly Total:	0.05 in	1.3 mm	
Normal:*	0.02 in	0.5 mm	
Monthly Normal Precipitation (%):	250.0 %		

Hygrology (Humidity):

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

Maximum:	61.0 %		on the 11th
Minimum:	11.0 %		on the 15th

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

Maximum:	62.0 F	16.7 C	on the 11th
Minimum:	33.1 F	0.6 C	on the 15th

Evaporation:

Total monthly pan loss:

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

Maximum:	1016.0 mb	29.97 in	on the 26th & 30th
Minimum:	1007.0 mb	29.71 in	on the 4th & 6th
Mean Monthly @ 1600 P.D.T.	1011.5 mb	29.84 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 31 July 2013, inclusive. The station's period of record thus covers 65 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 65 Julys on record at this station have recorded
0.00 inches of precipitation; or 83.1% of all Julys.

2 out of 65 Julys on record at this station have recorded
below normal precipitation (0.02 in or 0.5 mm);
or 3.1% of all Julys.

9 out of 65 Julys on record at this station have recorded
at or above normal precipitation (0.02 in or 0.5 mm);
or 13.8% 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 2013

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 29th
Lowest Maximum:	86.0 F	30.0 C	on the 1st, 9th, & 10th
Extreme Minimum:	54.0 F	12.2 C	on the 2nd
Highest Minimum:	74.0 F	23.3 C	on the 31st
Extreme Monthly Range:	52.0 F	28.9 C	
Mean Daily Maximum:	95.3 F	35.2 C	
Mean Daily Minimum:	59.6 F	15.4 C	
Mean Monthly:	77.5 F	25.3 C	
Maximum Daily Mean:	87.0 F	30.6 C	on the 30th
Minimum Daily Mean:	70.5 F	21.4 C	on the 9th
Maximum Diurnal Range:	45.0 F	25.0 C	on the 14th
Minimum Diurnal Range:	21.0 F	11.7 C	on the 31st
Mean Monthly Diurnal Range:	35.7 F	19.8 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:	40.0 %	on the 1st
Minimum:	8.0 %	on the 25th

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

Maximum:	62.8 F	17.1 C	on the 30th
Minimum:	24 F	-4.4 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 6th, 7th, & 10th
Minimum:	1007.0 mb	29.71 in	on the 22nd & 23rd
Mean Monthly @ 1600 P.D.T.	1011.1 mb	29.83 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 August 1949 to 31 August 2013, inclusive. The station's record thus covers 65 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

47 out of 65 Augusts on record at this station have recorded
0.00 inches of precipitation; or 72.3% of all Augusts.

8 out of 65 Augusts on record at this station have recorded
below normal precipitation (0.05 in or 1.3 mm);
or 12.3% of all Augusts.

10 out of 65 Augusts on record at this station have recorded
at or above normal precipitation (0.05 in or 1.3 mm);
or 15.4% 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 2013

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 6th
Lowest Maximum:	79.0 F	26.1 C	on the 26th
Extreme Minimum:	49.0 F	9.4 C	on the 28th
Highest Minimum:	73.0 F	22.8 C	on the 1st
Extreme Monthly Range:	56.0 F	31.1 C	
Mean Daily Maximum:	94.1 F	34.5 C	
Mean Daily Minimum:	59.4 F	15.2 C	
Mean Monthly:	76.7 F	24.9 C	
Maximum Daily Mean:	86.0 F	30.0 C	on the 5th, 6th
Minimum Daily Mean:	66.0 F	18.9 C	on the 26th
Maximum Diurnal Range:	44.0 F	24.4 C	on the 28th
Minimum Diurnal Range:	18.0 F	10.0 C	on the 21st
Mean Monthly Diurnal Range:	34.7 F	19.3 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:	60.0 %	on the 20th
Minimum:	10 %	on the 27th, 28th

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

Maximum:	64.3 F	17.9 C	on the 1st
Minimum:	21.6 F	-5.8 C	on the 27th

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

Maximum:	1015.0 mb	29.94 in	on the 28th
Minimum:	1003.0 mb	29.59 in	on the 14th
Mean Monthly @ 1600 P.D.T.	1008.9 mb	29.76 in	

STATION STATISTICS:

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

01 July 1949 to 30 September 2013, inclusive.

The station's period of record thus covers 65 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

35 out of 65 Septembers on record at this station have recorded 0.00 inches of precipitation; or 53.9% of all Septembers.

14 out of 65 Septembers on record at this station have recorded **below** normal precipitation (0.16 in or 4.1 mm); or 21.5% of all Septembers.

16 out of 65 Septembers on record at this station have recorded **at or above** normal precipitation (0.16 in or 4.1 mm); or 24.6% 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 2013

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 6th, 7th
Lowest Maximum:	65.0 F	18.3 C	on the 29th
Extreme Minimum:	41.0 F	5.0 C	on the 31st
Highest Minimum:	70.0 F	21.1 C	on the 5th
Extreme Monthly Range:	53.0 F	29.4 C	
Mean Daily Maximum:	83.0 F	28.3 C	
Mean Daily Minimum:	49.6 F	9.8 C	
Mean Monthly:	66.3 F	19.0 C	
Maximum Daily Mean:	78.5 F	25.8 C	on the 5th
Minimum Daily Mean:	54.0 F	12.2 C	on the 10th
Maximum Diurnal Range:	46.0 F	25.6 C	on the 19th, 20th
Minimum Diurnal Range:	17.0 F	9.4 C	on the 5th, 9th
Mean Monthly Diurnal Range:	33.4 F	18.5 C	

Hydrology (Precipitation):

Occurrences:	0.13 in	3.3 mm	on the 9th
	0.01 in	0.3 mm	on the 29th
Monthly Total:	0.14 in	3.6 mm	
Normal:*	0.91 in	23.1 mm	
Monthly Normal Precipitation (%):	15.4 %		

Hygrology (Humidity):

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

Maximum:	56.0 %		on the 9th
Minimum:	5.0 %		on the 6th

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

Maximum:	54.9 F	12.7 C	on the 3rd
Minimum:	14 F	-10.0 C	on the 6th

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

Maximum:	1018.0 mb	30.03 in	on the 5th
Minimum:	1006.0 mb	29.68 in	on the 9th
Mean Monthly @ 1600 P.D.T.	1012.6 mb	29.87 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 31 October 2013, inclusive. The station's record thus covers 65 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 65 Octobers on record at this station have recorded
0.00 inches of precipitation; or 29.2% of all Octobers.

35 out of 65 Octobers on record at this station have recorded
below normal precipitation (0.91 in or 23.1 mm);
or 53.9% of all Octobers.

11 out of 65 Octobers on record at this station have recorded
at or above normal precipitation (0.91 in or 23.1 mm);
or 16.9% 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 2013

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 14th
Lowest Maximum:	57.0 F	13.9 C	on the 22nd
Extreme Minimum:	41.0 F	5.0 C	on the 26th
Highest Minimum:	57.0 F	13.9 C	on the 14th
Extreme Monthly Range:	51.0 F	28.3 C	
Mean Daily Maximum:	76.2 F	24.5 C	
Mean Daily Minimum:	47.2 F	8.5 C	
Mean Monthly:	61.7 F	16.5 C	
Maximum Daily Mean:	74.5 F	23.6 C	on the 14th
Minimum Daily Mean:	54.5 F	12.5 C	on the 22nd
Maximum Diurnal Range:	45.0 F	25.0 C	on the 24th
Minimum Diurnal Range:	5.0 F	2.8 C	on the 11th
Mean Monthly Diurnal Range:	28.9 F	16.1 C	

Hydrology (Precipitation):

Occurrences:	0.30 in	7.6 mm	on the 21st
	0.06 in	1.5 mm	on the 29th
Monthly Total:	0.36 in	9.1 mm	
Normal:*	1.27 in	32.3 mm	
Monthly Normal Precipitation (%):	28.3 %		

Hygrology (Humidity):

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

Maximum:	76.0 %	on the 21st
Minimum:	8 %	on the 6th

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

Maximum:	51.5 F	10.8 C	on the 3rd
Minimum:	10.5 F	-11.9 C	on the 5th

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

Maximum:	1020.0 mb	30.09 in	on the 6th, 25th
Minimum:	1005.0 mb	29.65 in	on the 15th
Mean Monthly @ 1600 P.D.T.	1014.4 mb	29.93 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 30 November 2013, inclusive.

The station's period of record thus covers 65 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 65 Novembers on record at this station have recorded
0.00 inches of precipitation; or 12.3% of all Novembers.

30 out of 65 Novembers on record at this station have recorded
below normal precipitation (1.27 in or 32.3 mm);
or 46.2% of all Novembers.

27 out of 65 Novembers on record at this station have recorded
at or above normal precipitation (1.27 in or 32.3 mm);
or 41.5% 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 2013

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:	86.0 F	30.0 C	on the 17th
Lowest Maximum:	55.0 F	12.8 C	on the 9th
Extreme Minimum:	28.0 F	-2.2 C	on the 8th
Highest Minimum:	56.0 F	13.3 C	on the 25th
Extreme Monthly Range:	58.0 F	32.2 C	
Mean Daily Maximum:	71.2 F	21.8 C	
Mean Daily Minimum:	40.8 F	4.9 C	
Mean Monthly:	56.0 F	13.3 C	
Maximum Daily Mean:	67.5 F	19.7 C	on the 17th
Minimum Daily Mean:	42.0 F	5.6 C	on the 8th
Maximum Diurnal Range:	44.0 F	24.4 C	on the 27st
Minimum Diurnal Range:	15.0 F	8.3 C	on the 19th
Mean Monthly Diurnal Range:	30.4 F	16.9 C	

Hydrology (Precipitation):

Occurrences:	0.17 in	4.3 mm	on the 7th
	0.17 in	4.3 mm	on the 19th
Monthly Total:	0.34 in	8.6 mm	
Normal:*	2.68 in	68.1 mm	
Monthly Normal Precipitation (%):	12.7 %		

Hygrology (Humidity):

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

Maximum:	77.0 %		on the 19th
Minimum:	8.0 %		on the 26th, 27th

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

Maximum:	49.3 F	9.6 C	on the 19th
Minimum:	-4.5 F	-20.3 C	on the 9th

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

Maximum:	1024.0 mb	30.21 in	on the 9th
Minimum:	1006.0 mb	29.68 in	on the 19th
Mean Monthly @ 1600 P.S.T.	1017.0 mb	30.00 in	

STATION STATISTICS:

Effective dates for statistics in this report are based the following observational period:
01 July 1949 to 31 December 2013, inclusive. The station's record thus covers 65 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 65 Decembers on record at this station have recorded 0.00 inches of precipitation; or 3.1% of all Decembers.

42 out of 65 Decembers on record at this station have recorded **below** normal precipitation (2.68 in or 68.1 mm); or 64.6% of all Decembers.

21 out of 65 Decembers on record at this station have recorded **at or above** normal precipitation (2.68 in or 68.1 mm); or 32.3% of all Decembers.

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