

Climatology of the United States

No. 20

1971-2000

Station: CANOGA PARK PIERCE COLLG, CA

COOP ID: 041484

Climate Division: CA 6

NWS Call Sign:

Elevation: 790 Feet

Lat: 34° 11N

Lon: 118° 34W

Temperature (°F)

Mean (1)				Extremes										Degree Days (1) Base Temp 65		Mean Number of Days (3)					
Month	Daily Max	Daily Min	Mean	Highest Daily(2)	Year	Day	Highest Month(1) Mean	Year	Lowest Daily(2)	Year	Day	Lowest Month(1) Mean	Year	Heating	Cooling	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
Jan	67.9	39.5	53.7	93	1975	14	57.7	1986	19	1950	7	49.2	1979	349	0	.0	.1	30.8	.0	4.4	.0
Feb	69.9	40.9	55.4	94	1986	26	60.0	1995	18	1989	6	49.4	1998	272	3	.0	.3	27.9	@	2.1	.0
Mar	72.0	42.3	57.2	101	1988	26	63.1	1972	26+	1966	4	52.8	1973	260	16	@	1.0	31.0	.0	1.1	.0
Apr	77.7	44.8	61.3	105+	1989	7	66.7	1993	30+	1999	10	55.1	1975	163	49	.3	4.0	30.0	.0	.4	.0
May	81.3	49.1	65.2	113	1984	29	71.8	1984	33	1950	4	57.6	1998	104	111	1.2	6.7	31.0	.0	.0	.0
Jun	88.8	53.2	71.0	113+	1990	26	78.1	1981	36	1950	7	63.8	1998	29	208	4.3	15.1	30.0	.0	.0	.0
Jul	95.0	56.9	76.0	115+	1985	3	80.0	1985	42	1952	1	70.8	1987	1	341	9.1	24.0	31.0	.0	.0	.0
Aug	96.0	57.6	76.8	116	1985	24	81.6	1992	42	1950	6	73.3	1976	0	365	11.0	25.5	31.0	.0	.0	.0
Sep	91.7	55.2	73.5	115+	1979	9	78.8	1984	38	1954	20	67.2	1986	10	263	7.5	17.7	30.0	.0	.0	.0
Oct	84.4	49.2	66.8	110	1980	1	71.5	1991	27	1971	30	63.3	1971	55	109	1.9	9.2	31.0	.0	.1	.0
Nov	74.7	41.7	58.2	99	1975	3	63.1	1976	23	1958	17	52.9	1994	221	18	.0	2.0	30.0	.0	1.4	.0
Dec	68.8	38.3	53.6	96	1958	3	57.1	1980	20+	1990	23	48.0	1971	358	2	.0	.1	30.8	.0	5.1	.0
Ann	80.7	47.4	64.1	116	Aug 1985	24	81.6	Aug 1992	18	Feb 1989	6	48.0	Dec 1971	1822	1485	35.3	105.7	364.5	@	14.6	.0

+ Also occurred on an earlier date(s)

@ Denotes mean number of days greater than 0 but less than .05

Complete documentation available from: www.ncdc.noaa.gov/oa/climate/normal/usnormals.html

Issue Date: February 2004

(1) From the 1971-2000 Monthly Normals

(2) Derived from station's available digital record: 1949-2001

(3) Derived from 1971-2000 serially complete daily data

Climatography of the United States

No. 20 1971-2000

Station: CANOGA PARK PIERCE COLLG, CA

COOP ID: 041484

Climate Division: CA 6

NWS Call Sign:

Elevation: 790 Feet Lat: 34°11N

Lon: 118°34W

Precipitation (inches)

		Precipitation Totals								Mean Number of Days (3)				Precipitation Probabilities (1) Probability that the monthly/annual precipitation will be equal to or less than the indicated amount											
		Means/Medians(1)		Extremes						Daily Precipitation				Monthly/Annual Precipitation vs Probability Levels These values were determined from the incomplete gamma distribution											
Month	Mean	Median	Highest Daily(2)	Year	Day	Highest Monthly(1)	Year	Lowest Monthly(1)	Year	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	.95	
Jan	3.83	2.51	4.62	2001	11	16.80	1995	.00+	1976	6.2	4.7	2.2	1.2	.00	.08	.46	.95	1.56	2.31	3.27	4.53	6.36	9.56	12.82	
Feb	4.40	2.87	5.07	1992	10	18.02	1998	.05	1984	5.9	4.4	2.8	1.4	.07	.20	.56	1.06	1.70	2.53	3.61	5.07	7.23	11.09	15.07	
Mar	3.60	2.51	6.06	1983	1	12.39	1983	.00+	1997	6.1	4.7	2.2	1.0	.00	.14	.60	1.12	1.72	2.42	3.28	4.38	5.93	8.58	11.23	
Apr	.88	.33	2.49	1988	14	4.60	1988	.00+	1997	3.0	1.5	.6	.2	.00	.00	.00	.02	.14	.32	.59	.96	1.52	2.55	3.61	
May	.32	.02	2.00	1977	8	4.06	1998	.00+	1997	1.3	.6	.2	.1	.00	.00	.00	.00	.00	.01	.06	.18	.44	.90	1.55	
Jun	.07	.00	.52	1993	5	.67	1999	.00+	2000	.4	.2	@	.0	.00	.00	.00	.00	.00	.00	.00	.00	.03	.21	.46	
Jul	.01	.00	.17	1995	16	.17	1995	.00+	2000	.1	.1	.0	.0	**	**	**	**	**	**	**	**	**	**	**	
Aug	.15	.00	2.35	1977	17	2.49	1977	.00+	1999	.7	.2	.1	@	.00	.00	.00	.00	.00	.00	.00	.01	.09	.43	.82	
Sep	.24	.01	1.12	1976	10	2.26	1976	.00+	1999	1.3	.7	.1	@	.00	.00	.00	.00	.00	.01	.07	.19	.39	.78	1.21	
Oct	.62	.31	3.20	1987	31	5.93	1987	.00+	1999	2.0	1.0	.3	.2	.00	.00	.00	.04	.14	.27	.46	.71	1.08	1.75	2.43	
Nov	1.29	.77	6.57	1970	29	6.55	1982	.00+	2000	3.2	2.2	.9	.4	.00	.00	.04	.20	.42	.70	1.06	1.53	2.22	3.42	4.66	
Dec	2.38	1.15	4.98	1965	29	7.74	1992	.00	1989	4.4	3.1	1.7	.7	.02	.10	.32	.62	.98	1.44	2.03	2.81	3.94	5.92	7.94	
Ann	17.79	15.25	6.57	Nov 1970	29	18.02	Feb 1998	.00+	Nov 2000	34.6	23.4	11.1	5.2	5.15	6.84	9.38	11.59	13.74	15.99	18.47	21.39	25.17	31.10	36.62	

+ Also occurred on an earlier date(s)

Denotes amounts of a trace

@ Denotes mean number of days greater than 0 but less than .05

** Statistics not computed because less than six years out of thirty had measurable precipitation

(1) From the 1971-2000 Monthly Normals

(2) Derived from station's available digital record: 1949-2001

(3) Derived from 1971-2000 serially complete daily data

Complete documentation available from:
www.ncdc.noaa.gov/oa/climate/normals/usnormals.html

Climatography of the United States

No. 20 1971-2000

Station: CANOGA PARK PIERCE COLLG, CA

COOP ID: 041484

Climate Division: CA 6

NWS Call Sign:

Elevation: 790 Feet

Lat: 34° 11N

Lon: 118° 34W

Snow (inches)																							
Snow Totals															Mean Number of Days (1)								
Means/Medians (1)					Extremes (2)										Snow Fall >= Thresholds					Snow Depth >= Thresholds			
Month	Snow Fall Mean	Snow Fall Median	Snow Depth Mean	Snow Depth Median	Highest Daily Snow Fall	Year	Day	Highest Monthly Snow Fall	Year	Highest Daily Snow Depth	Year	Day	Highest Monthly Mean Snow Depth	Year	0.1	1.0	3.0	5.0	10.0	1	3	5	10
Jan	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Feb	.0	.0	0	0	.5	1989	8	.5	1989	0	0	0	0	0	@	.0	.0	.0	.0	.0	.0	.0	.0
Mar	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Apr	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
May	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Jun	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Jul	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Aug	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Sep	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Oct	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Nov	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Dec	#	.0	0	0	#	1985	10	#	1985	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Ann	#	.0	N/A	N/A	.5	Feb 1989	8	.5	Feb 1989	0	0	0	0	0	@	.0	.0	.0	.0	.0	.0	.0	.0

+ Also occurred on an earlier date(s) #Denotes trace amounts

@ Denotes mean number of days greater than 0 but less than .05

-9/-9.9 represents missing values

Annual statistics for Mean/Median snow depths are not appropriate

(1) Derived from Snow Climatology and 1971-2000 daily data

(2) Derived from 1971-2000 daily data

Complete documentation available from:

www.ncdc.noaa.gov/oa/climate/normal/usnormals.html

Climatology of the United States

No. 20 1971-2000

Station: CANOGA PARK PIERCE COLLG, CA

COOP ID: 041484

Climate Division: CA 6

NWS Call Sign:

Elevation: 790 Feet

Lat: 34° 11N

Lon: 118° 34W

Freeze Data									
Spring Freeze Dates (Month/Day)									
Temp (F)	Probability of later date in spring (thru Jul 31) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	4/27	4/18	4/11	4/05	3/31	3/25	3/20	3/13	3/04
32	4/09	3/28	3/20	3/13	3/07	2/28	2/21	2/13	2/02
28	2/17	2/04	1/25	1/16	1/07	12/27	12/12	0/00	0/00
24	1/17	1/02	12/14	0/00	0/00	0/00	0/00	0/00	0/00
20	0/00	0/00	0/00	0/00	0/00	0/00	0/00	0/00	0/00
16	0/00	0/00	0/00	0/00	0/00	0/00	0/00	0/00	0/00
Fall Freeze Dates (Month/Day)									
Temp (F)	Probability of earlier date in fall (beginning Aug 1) than indicated(*)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	10/26	10/31	11/03	11/06	11/09	11/11	11/14	11/17	11/22
32	11/07	11/15	11/20	11/24	11/29	12/03	12/08	12/13	12/20
28	11/22	12/03	12/11	12/18	12/26	1/03	1/13	0/00	0/00
24	12/21	1/03	1/21	0/00	0/00	0/00	0/00	0/00	0/00
20	0/00	0/00	0/00	0/00	0/00	0/00	0/00	0/00	0/00
16	0/00	0/00	0/00	0/00	0/00	0/00	0/00	0/00	0/00
Freeze Free Period									
Temp (F)	Probability of longer than indicated freeze free period (Days)								
	.10	.20	.30	.40	.50	.60	.70	.80	.90
36	254	243	235	228	222	216	209	201	190
32	305	292	282	274	266	259	250	241	227
28	>365	>365	>365	>365	>365	357	335	319	300
24	>365	>365	>365	>365	>365	>365	>365	>365	>365
20	>365	>365	>365	>365	>365	>365	>365	>365	>365
16	>365	>365	>365	>365	>365	>365	>365	>365	>365

* Probability of observing a temperature as cold, or colder, later in the spring or earlier in the fall than the indicated date.

0/00 Indicates that the probability of occurrence of threshold temperature is less than the indicated probability.

Derived from 1971-2000 serially complete daily data

Complete documentation available from:
www.ncdc.noaa.gov/oa/climate/normal/usnormals.html

Climatology of the United States

No. 20 1971-2000

Station: CANOGA PARK PIERCE COLLG, CA

COOP ID: 041484

Climate Division: CA 6

NWS Call Sign:

Elevation: 790 Feet

Lat: 34° 11N

Lon: 118° 34W

Degree Days to Selected Base Temperatures (°F)

Base	Heating Degree Days (1)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Below													
65	349	272	260	163	104	29	1	0	10	55	221	358	1822
60	206	149	145	81	41	8	0	0	1	14	116	217	978
57	133	92	94	45	21	3	0	0	0	4	70	147	609
55	95	63	65	28	13	1	0	0	0	2	47	109	423
50	27	15	19	8	2	0	0	0	0	0	12	38	121
32	0	0	0	0	0	0	0	0	0	0	0	0	0

Cooling Degree Days (1)

Base	Cooling Degree Days (1)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Above													
32	674	655	779	877	1030	1170	1362	1388	1243	1078	787	668	11711
55	56	74	131	215	330	481	649	675	553	367	144	64	3739
57	31	47	98	171	276	422	587	613	493	307	107	39	3191
60	11	19	56	118	203	337	494	520	403	224	63	17	2465
65	0	3	16	49	111	208	341	365	263	109	18	2	1485
70	0	0	3	15	46	110	195	217	144	39	3	0	772

Growing Degree Units (2)

Base	Growing Degree Units (Monthly)												Growing Degree Units (Accumulated Monthly)											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	449	470	553	652	799	950	1132	1158	1018	847	565	441	449	919	1472	2124	2923	3873	5005	6163	7181	8028	8593	9034
45	298	327	398	502	644	800	977	1003	868	692	415	292	298	625	1023	1525	2169	2969	3946	4949	5817	6509	6924	7216
50	158	193	249	353	489	650	822	848	718	537	266	156	158	351	600	953	1442	2092	2914	3762	4480	5017	5283	5439
55	65	88	119	216	335	500	667	693	568	383	141	59	65	153	272	488	823	1323	1990	2683	3251	3634	3775	3834
60	16	27	44	106	199	352	512	538	419	234	54	9	16	43	87	193	392	744	1256	1794	2213	2447	2501	2510
Base	Growing Degree Units for Corn (Monthly)												Growing Degree Units for Corn (Accumulated Monthly)											
50/86	302	309	359	418	494	569	675	681	609	527	383	311	302	611	970	1388	1882	2451	3126	3807	4416	4943	5326	5637

(1) Derived from the 1971-2000 Monthly Normals

(2) Derived from 1971-2000 serially complete daily data

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

Complete documentation available from:

www.ncdc.noaa.gov/oa/climate/normal/usnormals.html

Notes

- a. The monthly means are simple arithmetic averages computed by summing the monthly values for the period 1971-2000 and dividing by thirty. Prior to averaging, the data are adjusted if necessary to compensate for data quality issues, station moves or changes in station reporting practices. Missing months are replaced by estimates based on neighboring stations.
- b. The median is defined as the middle value in an ordered set of values. The median is being provided for the snow and precipitation elements because the mean can be a misleading value for precipitation normals.
- c. Only observed validated values were used to select the extreme daily values.
- d. Extreme monthly temperature/precipitation means were selected from the monthly normals data.
Monthly snow extremes were calculated from daily values quality controlled to be consistent with the Snow Climatology.
- e. Degree Days were derived using the same techniques as the 1971-2000 normals.
Complete documentation for the 1971-2000 Normals is available on the internet from:
www.ncdc.noaa.gov/oa/climate/normal/usnormals.html
- f. Mean "number of days statistics" for temperature and precipitation were calculated from a serially complete daily data set.
Documentation of the serially complete data set is available from the link below:
- g. Snowfall and snow depth statistics were derived from the Snow Climatology.
Documentation for the Snow Climatology project is available from the link under references.

Data Sources for Tables

Several different data sources were used to create the Clim20 climate summaries. In some cases the daily extremes appear inconsistent with the monthly extremes and or the mean number of days statistics. For example, a high daily extreme value may not be reflected in the highest monthly value or the mean number of days threshold that is less than and equal to the extreme value. Some of these difference are caused by different periods of record. Daily extremes are derived from the station's entire period of record while the serial data and normals data were are for the 1971-2000 period. Therefore extremes observed before 1971 would not be included in the 1971-2000 normals or the 1971-2000 serial daily data set. Inconsistencies can also occur when monthly values are adjusted to reflect the current observing conditions or were replaced during the 1971-2000 Monthly Normals processing and are not reconciled with the Summary of the Day data.

- a. Temperature/ Precipitation Tables
 1. 1971-2000 Monthly Normals
 2. Cooperative Summary of the Day
 3. National Weather Service station records
 4. 1971-2000 serially complete daily data
- b. Degree Day Table
 1. Monthly and Annual Heating and Cooling Degree Days Normals to Selected Bases derived from 1971-2000 Monthly Normals
 2. Daily Normal Growing Degree Units to Selected Base Temperatures derived from 1971-2000 serially complete daily data
- c. Snow Tables
 1. Snow Climatology
 2. Cooperative Summary of the Day
- d. Freeze Data Table
1971-2000 serially complete daily data

References

- U.S. Climate Normals 1971-2000, www.ncdc.noaa.gov/normal.html
U.S. Climate Normals 1971-2000-Products Clim20, www.ncdc.noaa.gov/oa/climate/normal/usnormalsprods.html
Snow Climatology Project Description, www.ncdc.noaa.gov/oa/climate/monitoring/snowclim/mainpage.html
Eischeid, J. K., P. Pasteris, H. F. Diaz, M. Plantico, and N. Lott, 2000: Creating a serially complete, national daily time series of temperature and precipitation for the Western United States. J. Appl. Meteorol., 39, 1580-1591,
www1.ncdc.noaa.gov/pub/data/special/serialcomplete_jam_0900.pdf