U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data,
and Information Service

Climatography of the United States No. 20 1971-2000

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801
www.ncdc.noaa.gov

Station: FIVE POINTS 5 SSW, CA **COOP ID: 043083**

Climate Division: CA 5 **NWS Call Sign:** **Elevation: 285 Feet** **Lat: 36˚22N** **Lon: 120˚09W**

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	55.1	39.4	47.3	78	1981	19	53.0	2000	14	1962	23	42.5	1972	551	0	.0	.0	24.5	.0	7.7	.0
Feb	62.9	41.4	52.2	82	1981	23	55.1	1991	20	1949	14	48.3	1971	360	0	.0	.0	27.3	.0	3.3	.0
Mar	68.0	44.2	56.1	89	1986	27	63.0	1990	24+	1977	28	50.9	1977	294	18	.0	.0	30.8	.0	1.2	.0
Apr	75.6	46.8	61.2	99	1985	14	69.7	1987	24	1976	15	55.5	1975	163	48	.0	1.4	30.0	.0	.5	.0
May	84.8	53.1	69.0	108	1951	26	74.8	1997	33+	1965	6	62.2	1977	49	170	1.1	8.5	31.0	.0	.0	.0
Jun	91.7	58.3	75.0	116	1950	30	79.6	1973	29	1968	7	71.3	1991	3	304	4.4	18.1	30.0	.0	.0	.0
Jul	95.9	62.9	79.4	114+	1961	11	83.2	1984	46	1956	2	75.6	1983	0	446	7.2	25.6	31.0	.0	.0	.0
Aug	94.0	62.1	78.1	111	1955	3	81.7	1971	44	1987	14	72.3	1976	0	403	4.7	23.3	31.0	.0	.0	.0
Sep	89.4	58.8	74.1	114	1955	1	78.5	1984	40	1950	30	68.3	1985	5	277	1.3	14.9	30.0	.0	.0	.0
Oct	80.3	51.0	65.7	103	1996	9	70.1+	1991	26	1971	30	59.1	1971	90	110	.1	3.8	31.0	.0	.1	.0
Nov	65.0	42.2	53.6	92	1995	14	58.5+	1997	19+	1961	19	47.2	1994	349	8	.0	.1	29.5	.0	3.1	.0
Dec	55.4	37.1	46.3	76+	1979	3	51.5	1977	11	1990	22	39.4	1990	582	0	.0	.0	25.0	.1	11.0	.0
Ann	76.5	49.8	63.2	116	Jun 1950	30	83.2	Jul 1984	11	Dec 1990	22	39.4	Dec 1990	2446	1784	18.8	95.7	351.1	.1	26.9	.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/normals/usnormals.html

(1) From the 1971-2000 Monthly Normals

(2) Derived from station's available digital record: 1948-2001

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

Issue Date: February 2004

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data,
and Information Service

Climatography of the United States No. 20 1971-2000

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801
www.ncdc.noaa.gov

Station: FIVE POINTS 5 SSW, CA **COOP ID: 043083**

Climate Division: CA 5 **NWS Call Sign:** **Elevation: 285 Feet** **Lat: 36˚22N** **Lon: 120˚09W**

Precipitation (inches)

Precipitation Totals

Month	Means/ Medians(1) Mean	Means/ Medians(1) Median	Extremes Highest Daily(2)	Year	Day	Highest Monthly(1)	Year	Lowest Monthly(1)	Year
Jan	1.57	1.37	1.40	2001	10	6.11	1995	.00	1976
Feb	1.41	.97	1.57	1969	24	4.86	1998	.00+	1988
Mar	1.43	1.08	1.78	2001	4	5.02	1995	.00	1972
Apr	.44	.25	.91+	1998	13	1.58	1982	.00+	1997
May	.26	.00	1.00	1956	9	2.13	1994	.00+	2000
Jun	.13	.00	2.50	1982	29	2.50	1982	.00+	1997
Jul	.01	.00	.28	1966	30	.13	1979	.00+	2000
Aug	.03	.00	.22	1975	19	.36	1983	.00+	2000
Sep	.28	.00	1.54	1976	29	2.64	1976	.00+	1996
Oct	.43	.25	1.70	1996	29	2.06	1992	.00+	1999
Nov	.63	.45	1.25	1953	14	2.34	1972	.00+	2000
Dec	.78	.60	1.45	1955	24	2.65	1996	.00+	2000
Ann	7.40	6.61	2.50	Jun 1982	29	6.11	Jan 1995	.00+	Dec 2000

Mean Number of Days (3)

Daily Precipitation

Month	>= 0.01	>= 0.10	>= 0.50	>= 1.00
Jan	5.6	4.2	.7	.2
Feb	4.9	3.4	.7	@
Mar	5.7	3.8	.7	.2
Apr	2.1	1.2	.2	.0
May	1.3	.7	.2	.0
Jun	.5	.3	@	@
Jul	.1	.1	.0	.0
Aug	.2	.2	.0	.0
Sep	.8	.5	.2	@
Oct	1.7	1.0	.3	@
Nov	3.1	1.8	.2	.0
Dec	3.4	2.0	.4	.0
Ann	29.4	19.2	3.6	.4

Precipitation Probabilities (1)

Probability that the monthly/annual precipitation will be equal to or less than the indicated amount

Monthly/Annual Precipitation vs Probability Levels
These values were determined from the incomplete gamma distribution

Month	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	.95
Jan	.04	.15	.37	.59	.84	1.13	1.48	1.92	2.53	3.56	4.58
Feb	.00	.00	.20	.41	.65	.94	1.28	1.73	2.35	3.41	4.47
Mar	.04	.13	.32	.52	.75	1.02	1.33	1.74	2.30	3.26	4.21
Apr	.00	.00	.00	.01	.09	.19	.32	.50	.77	1.24	1.72
May	.00	.00	.00	.00	.00	.00	.00	.14	.40	.89	1.42
Jun	.00	.00	.00	.00	.00	.00	.00	.03	.14	.43	.74
Jul	**	**	**	**	**	**	**	**	**	**	**
Aug	**	**	**	**	**	**	**	**	**	**	**
Sep	.00	.00	.00	.00	.00	.00	.01	.10	.35	.93	1.60
Oct	.00	.00	.00	.00	.10	.21	.34	.52	.76	1.18	1.59
Nov	.00	.00	.00	.19	.33	.47	.63	.82	1.08	1.50	1.90
Dec	.00	.00	.16	.29	.43	.58	.76	.98	1.28	1.77	2.26
Ann	2.82	3.51	4.49	5.31	6.09	6.88	7.74	8.73	10.00	11.94	13.72

\+ 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: 1948-2001
(3) Derived from 1971-2000 serially complete daily data

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

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data,
and Information Services

Climatography of the United States No. 20 1971-2000

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801
www.ncdc.noaa.gov

Station: FIVE POINTS 5 SSW, CA **COOP ID: 043083**

Climate Division: CA 5 **NWS Call Sign:** **Elevation: 285 Feet** **Lat: 36°22N** **Lon: 120°09W**

Snow (inches)

Snow Totals

Means/Medians (1)

Extremes (2)

Mean Number of Days (1)

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	.0	0	0	.0	0	0	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	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Ann	.0	.0	N/A	N/A	.0	0	0	.0	0	0	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/normals/usnormals.html

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data,
and Information Service

Climatography of the United States No. 20 1971-2000

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801
www.ncdc.noaa.gov

Station: FIVE POINTS 5 SSW, CA **COOP ID: 043083**

Climate Division: CA 5 **NWS Call Sign:** **Elevation: 285 Feet** **Lat: 36˚22N** **Lon: 120˚09W**

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	5/06	4/25	4/17	4/10	4/03	3/28	3/21	3/13	3/01
32	4/17	4/02	3/23	3/14	3/06	2/26	2/17	2/06	1/23
28	3/11	2/22	2/10	1/31	1/21	1/11	12/31	12/16	11/19
24	2/21	1/28	1/05	12/01	0/00	0/00	0/00	0/00	0/00
20	12/23	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	10/22	10/28	11/02	11/06	11/09	11/13	11/16	11/21	11/27
32	11/06	11/11	11/15	11/19	11/22	11/25	11/29	12/03	12/09
28	11/12	11/22	11/29	12/06	12/12	12/18	12/25	1/02	1/18
24	12/06	12/20	1/04	0/00	0/00	0/00	0/00	0/00	0/00
20	12/17	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	259	245	235	227	219	211	203	193	179
32	306	290	279	270	261	252	242	231	215
28	>365	>365	353	334	320	307	295	281	262
24	>365	>365	>365	>365	>365	>365	>365	>365	315
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/normals/usnormals.html

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data,
and Information Service

Climatography of the United States No. 20 1971-2000

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801
www.ncdc.noaa.gov

Station: FIVE POINTS 5 SSW, CA **COOP ID: 043083**

Climate Division: CA 5 **NWS Call Sign:** **Elevation: 285 Feet** **Lat: 36˚22N** **Lon: 120˚09W**

Degree Days to Selected Base Temperatures (˚F)

Heating Degree Days (1)

Base Below	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
65	551	360	294	163	49	3	0	0	5	90	349	582	2446
60	399	223	175	81	15	0	0	0	0	36	220	428	1577
57	312	147	120	46	6	0	0	0	0	17	156	341	1145
55	257	103	89	29	3	0	0	0	0	10	119	284	894
50	143	29	32	8	0	0	0	0	0	2	52	162	428
32	1	0	0	0	0	0	0	0	0	0	0	0	1

Cooling Degree Days (1)

Base Above	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
32	473	564	746	875	1145	1291	1469	1426	1262	1043	649	441	11384
55	16	23	123	214	435	601	756	713	572	340	78	12	3883
57	9	11	92	171	376	541	694	651	512	286	55	7	3405
60	3	2	53	116	291	451	601	558	423	211	29	1	2739
65	0	0	18	48	170	304	446	403	277	110	8	0	1784
70	0	0	4	14	83	170	294	255	150	45	1	0	1016

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	222	346	495	630	888	1042	1212	1174	1013	789	409	193	222	568	1063	1693	2581	3623	4835	6009	7022	7811	8220	8413
45	102	209	341	480	733	892	1057	1019	863	634	262	82	102	311	652	1132	1865	2757	3814	4833	5696	6330	6592	6674
50	40	95	197	332	578	742	902	864	713	479	140	24	40	135	332	664	1242	1984	2886	3750	4463	4942	5082	5106
55	5	30	88	196	423	592	747	709	563	330	61	2	5	35	123	319	742	1334	2081	2790	3353	3683	3744	3746
60	0	1	26	95	275	442	592	554	413	194	21	0	0	1	27	122	397	839	1431	1985	2398	2592	2613	2613
Base	**Growing Degree Units for Corn (Monthly)**												**Growing Degree Units for Corn (Accumulated Monthly)**											
50/86	102	200	292	392	559	651	759	742	647	494	239	104	102	302	594	986	1545	2196	2955	3697	4344	4838	5077	5181

(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/normals/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.
Compete documentation for the 1971-2000 Normals is available on the internet from:
www.ncdc.noaa.gov/oa/climate/normals/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/normals.html
U.S. Climate Normals 1971-2000-Products Clim20, www.ncdc.noaa.gov/oa/climate/normals/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