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: JEANERETTE 5 NW, LA **COOP ID: 164674**

Climate Division: LA 8 **NWS Call Sign:** **Elevation: 20 Feet** **Lat: 29˚57N** **Lon: 91˚43W**

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	60.5	41.3	50.9	83	1937	14	58.5	1974	12+	1962	11	42.4	1978	452	3	.0	.0	25.3	.1	7.0	.0
Feb	63.9	44.2	54.1	84	1932	28	59.4	1976	17+	1949	1	43.7	1978	316	8	.0	.0	25.5	.1	2.6	.0
Mar	70.6	51.0	60.8	90	1946	31	65.6	1974	21	1980	3	55.2	1996	170	39	.0	.0	30.3	.0	.7	.0
Apr	76.9	57.2	67.1	93	1987	29	72.4	1981	33+	1940	15	62.8	1993	51	111	.0	.2	30.0	.0	.0	.0
May	83.6	65.3	74.5	94	1964	28	77.3	2000	43	1954	4	71.3	1976	2	294	.0	1.9	31.0	.0	.0	.0
Jun	88.5	71.1	79.8	99+	1930	26	82.3	1998	52	1984	1	77.4	1983	0	443	.0	11.5	30.0	.0	.0	.0
Jul	90.1	72.8	81.5	100+	1943	25	83.9	1980	58+	1967	15	79.7	1994	0	511	@	22.2	31.0	.0	.0	.0
Aug	90.1	72.1	81.1	100+	1962	9	83.1	1999	57	1967	12	78.4	1992	0	499	@	21.2	31.0	.0	.0	.0
Sep	86.7	67.8	77.3	101	2000	4	81.0	1980	40	1967	29	74.0	1975	0	368	.1	9.5	30.0	.0	.0	.0
Oct	79.3	57.1	68.2	95	1938	3	73.2	1984	30	1943	27	61.7	1976	48	149	.0	.7	31.0	.0	@	.0
Nov	70.5	49.3	59.9	93	1961	1	66.5	1985	22	1940	15	52.3	1976	206	53	.0	.0	29.3	.0	1.1	.0
Dec	63.3	43.3	53.3	84	1931	10	63.1	1984	10+	1989	23	42.9	1989	383	20	.0	.0	27.6	.1	5.0	.0
Ann	77.0	57.7	67.4	101	Sep 2000	4	83.9	Jul 1980	10+	Dec 1989	23	42.4	Jan 1978	1628	2498	.1	67.2	352.0	.3	16.4	.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: 1930-2001

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

Issue Date: February 2004

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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	5.58	4.90	4.44	1932	23	14.27	1998	1.43	1981
Feb	4.01	3.62	6.80	1955	5	10.46	1988	.28	1975
Mar	4.30	3.83	5.75	1947	13	12.10	1995	.94	1981
Apr	4.70	3.30	10.15	1979	22	15.39	1979	.24	1999
May	5.19	4.96	4.42	1947	21	13.60	1991	.00	1998
Jun	7.00	7.22	6.06	1992	3	16.25	1989	1.29	1979
Jul	6.36	6.38	7.37	1954	29	11.37	1981	2.40	1990
Aug	6.26	6.11	5.29	1955	3	13.92	1996	2.07	1981
Sep	5.68	4.75	5.59	1973	5	18.68	1973	1.79	1974
Oct	3.92	2.55	11.57	1984	23	18.81	1984	.04	1978
Nov	4.37	4.36	4.62	2000	19	13.95	2000	.86	1988
Dec	4.87	4.34	7.11	1982	27	15.14	1982	1.57	1978
Ann	62.24	62.37	11.57	Oct 1984	23	18.81	Oct 1984	.00	May 1998

Mean Number of Days (3)

Daily Precipitation

Month	>= 0.01	>= 0.10	>= 0.50	>= 1.00
Jan	10.7	7.4	3.9	1.9
Feb	8.4	5.6	2.9	1.2
Mar	8.2	5.7	2.8	1.4
Apr	6.5	4.4	2.5	1.4
May	8.2	5.7	3.2	2.0
Jun	11.6	8.3	4.4	2.4
Jul	14.1	10.2	4.7	1.6
Aug	13.0	9.3	3.9	1.7
Sep	10.1	7.2	3.7	1.7
Oct	6.1	4.5	2.0	1.1
Nov	8.2	5.6	2.9	1.3
Dec	9.1	6.2	2.8	1.4
Ann	114.2	80.1	39.7	19.1

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	1.52	2.05	2.85	3.56	4.25	4.97	5.78	6.73	7.97	9.91	11.72
Feb	.60	.94	1.52	2.07	2.65	3.28	4.01	4.90	6.09	8.04	9.91
Mar	.95	1.34	1.97	2.54	3.11	3.72	4.40	5.22	6.30	8.01	9.63
Apr	.38	.69	1.30	1.95	2.67	3.49	4.47	5.71	7.42	10.30	13.13
May	.85	1.55	2.43	3.15	3.85	4.59	5.41	6.37	7.63	9.62	11.48
Jun	1.55	2.20	3.22	4.15	5.07	6.06	7.17	8.49	10.24	13.02	15.64
Jul	3.21	3.74	4.46	5.04	5.57	6.11	6.67	7.31	8.11	9.31	10.39
Aug	2.05	2.64	3.52	4.26	4.98	5.72	6.53	7.48	8.70	10.59	12.34
Sep	1.78	2.32	3.12	3.81	4.47	5.16	5.91	6.80	7.94	9.72	11.36
Oct	.31	.57	1.08	1.62	2.22	2.90	3.73	4.76	6.20	8.61	10.99
Nov	.78	1.16	1.80	2.40	3.01	3.67	4.42	5.33	6.54	8.49	10.36
Dec	1.51	1.98	2.66	3.25	3.82	4.41	5.06	5.83	6.81	8.34	9.76
Ann	46.41	49.53	53.50	56.49	59.13	61.67	64.28	67.16	70.63	75.64	79.95

\+ 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: 1930-2001
(3) Derived from 1971-2000 serially complete daily data

Complete documentation available from:
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Snow (inches)

Snow Totals

Means/Medians (1)

Month	Snow Fall Mean	Snow Fall Median	Snow Depth Mean	Snow Depth Median
Jan	#	.0	#	0
Feb	.1	.0	#	0
Mar	.0	.0	0	0
Apr	.0	.0	0	0
May	.0	.0	0	0
Jun	.0	.0	0	0
Jul	.0	.0	0	0
Aug	.0	.0	0	0
Sep	.0	.0	0	0
Oct	.0	.0	0	0
Nov	.0	.0	0	0
Dec	.0	.0	#	0
Ann	.1	.0	N/A	N/A

Extremes (2)

Month	Highest Daily Snow Fall	Year	Day	Highest Monthly Snow Fall	Year	Highest Daily Snow Depth	Year	Day	Highest Monthly Mean Snow Depth	Year
Jan	#	1982	14	#+	1982	#	1982	14	#	1982
Feb	1.5	1988	6	1.5	1988	#	1988	8	#	1988
Mar	.0	0	0	.0	0	0	0	0	0	0
Apr	.0	0	0	.0	0	0	0	0	0	0
May	.0	0	0	.0	0	0	0	0	0	0
Jun	.0	0	0	.0	0	0	0	0	0	0
Jul	.0	0	0	.0	0	0	0	0	0	0
Aug	.0	0	0	.0	0	0	0	0	0	0
Sep	.0	0	0	.0	0	0	0	0	0	0
Oct	.0	0	0	.0	0	0	0	0	0	0
Nov	.0	0	0	.0	0	0	0	0	0	0
Dec	1.0	1989	23	1.0	1989	1	1989	24	#	1989
Ann	1.5	Feb 1988	6	1.5	Feb 1988	1	Dec 1989	24	#+	Dec 1989

Mean Number of Days (1)

Snow Fall >= Thresholds

Month	0.1	1.0	3.0	5.0	10.0
Jan	.0	.0	.0	.0	.0
Feb	@	@	.0	.0	.0
Mar	.0	.0	.0	.0	.0
Apr	.0	.0	.0	.0	.0
May	.0	.0	.0	.0	.0
Jun	.0	.0	.0	.0	.0
Jul	.0	.0	.0	.0	.0
Aug	.0	.0	.0	.0	.0
Sep	.0	.0	.0	.0	.0
Oct	.0	.0	.0	.0	.0
Nov	.0	.0	.0	.0	.0
Dec	@	@	.0	.0	.0
Ann	@	@	.0	.0	.0

Snow Depth >= Thresholds

Month	1	3	5	10
Jan	.0	.0	.0	.0
Feb	.0	.0	.0	.0
Mar	.0	.0	.0	.0
Apr	.0	.0	.0	.0
May	.0	.0	.0	.0
Jun	.0	.0	.0	.0
Jul	.0	.0	.0	.0
Aug	.0	.0	.0	.0
Sep	.0	.0	.0	.0
Oct	.0	.0	.0	.0
Nov	.0	.0	.0	.0
Dec	.1	.0	.0	.0
Ann	.1	.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

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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	3/27	3/17	3/09	3/03	2/25	2/19	2/13	2/05	1/26
32	3/14	3/02	2/22	2/15	2/08	2/01	1/25	1/17	1/05
28	3/02	2/19	2/11	2/04	1/28	1/21	1/13	1/01	0/00
24	2/07	1/26	1/16	1/06	12/23	0/00	0/00	0/00	0/00
20	1/17	1/04	0/00	0/00	0/00	0/00	0/00	0/00	0/00
16	12/28	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	11/01	11/07	11/12	11/16	11/19	11/23	11/27	12/01	12/07
32	11/15	11/22	11/28	12/02	12/06	12/11	12/15	12/21	12/28
28	11/27	12/07	12/15	12/21	12/28	1/03	1/11	1/21	0/00
24	12/17	12/24	12/31	1/06	1/16	0/00	0/00	0/00	0/00
20	1/05	1/19	0/00	0/00	0/00	0/00	0/00	0/00	0/00
16	1/14	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	302	290	281	274	267	259	252	243	231
32	342	326	316	307	299	292	283	274	261
28	>365	>365	>365	345	332	322	313	303	289
24	>365	>365	>365	>365	>365	>365	360	337	321
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

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Degree Days to Selected Base Temperatures (˚F)

Base — Heating Degree Days (1)

Below	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
65	452	316	170	51	2	0	0	0	0	48	206	383	1628
60	319	197	81	12	0	0	0	0	0	14	119	258	1000
57	250	140	44	4	0	0	0	0	0	6	79	198	721
55	211	109	27	2	0	0	0	0	0	3	57	163	572
50	129	47	6	0	0	0	0	0	0	0	22	89	293
32	5	0	0	0	0	0	0	0	0	0	0	0	5

Base — Cooling Degree Days (1)

Above	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
32	592	617	892	1050	1315	1433	1534	1522	1358	1123	837	661	12934
55	84	81	206	362	602	743	821	809	668	413	203	111	5103
57	62	57	161	305	540	683	759	747	608	354	165	83	4524
60	37	29	104	223	447	593	666	654	518	269	116	51	3707
65	3	8	39	111	294	443	511	499	368	149	53	20	2498
70	2	0	10	38	153	293	356	344	223	62	19	8	1508

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	367	423	646	819	1075	1200	1297	1285	1126	882	607	432	367	790	1436	2255	3330	4530	5827	7112	8238	9120	9727	10159
45	247	295	495	669	920	1050	1142	1130	976	727	461	298	247	542	1037	1706	2626	3676	4818	5948	6924	7651	8112	8410
50	146	179	347	519	765	900	987	975	826	573	328	188	146	325	672	1191	1956	2856	3843	4818	5644	6217	6545	6733
55	79	93	214	370	610	750	832	820	676	422	208	105	79	172	386	756	1366	2116	2948	3768	4444	4866	5074	5179
60	34	39	110	232	455	600	677	665	527	276	116	54	34	73	183	415	870	1470	2147	2812	3339	3615	3731	3785
Base	**Growing Degree Units for Corn (Monthly)**												**Growing Degree Units for Corn (Accumulated Monthly)**											
50/86	214	240	389	529	754	853	909	904	790	584	375	257	214	454	843	1372	2126	2979	3888	4792	5582	6166	6541	6798

(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