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: CROWLEY 2 NE, LA **COOP ID: 162212**

Climate Division: LA 7 **NWS Call Sign:** **Elevation: 25 Feet** **Lat: 30˚15N** **Lon: 92˚22W**

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	59.9	40.3	50.1	82	1941	2	57.3	1974	10	1982	11	41.6	1977	476	3	.0	.0	24.2	.3	7.9	.0
Feb	63.7	43.2	53.5	83	1989	16	58.8	1976	14	1951	2	43.9	1978	331	8	.0	.0	24.8	.2	4.2	.0
Mar	71.0	50.6	60.8	90	1946	31	65.6	2000	22+	1980	2	55.7	1996	168	38	.0	.0	30.1	.0	1.1	.0
Apr	77.8	57.2	67.5	94	1987	29	73.0	1981	34	1939	8	62.6	1983	47	122	.0	.3	30.0	.0	.0	.0
May	84.8	65.6	75.2	97+	1998	30	78.6	1998	45	1954	4	72.2	1976	2	318	.0	4.1	31.0	.0	.0	.0
Jun	89.9	71.3	80.6	103	1930	27	83.1	1998	54	1984	1	78.1	1983	0	468	.1	16.1	30.0	.0	.0	.0
Jul	91.5	72.9	82.2	102	1980	3	85.0	1980	62+	1984	24	80.3	1989	0	532	.4	22.2	31.0	.0	.0	.0
Aug	91.8	71.9	81.9	105	2000	31	85.0	1999	60+	1989	9	79.0	1992	0	522	.2	22.8	31.0	.0	.0	.0
Sep	88.3	67.9	78.1	106+	2000	1	82.3	1980	45	1983	22	74.1	1975	0	392	.2	13.5	30.0	.0	.0	.0
Oct	81.0	57.2	69.1	96	1998	2	73.6	1984	29	1993	31	62.4	1976	37	165	.0	2.0	31.0	.0	.1	.0
Nov	70.6	49.2	59.9	88+	1935	10	66.4	1985	22	1976	30	52.6	1976	204	51	.0	.0	29.1	.0	1.2	.0
Dec	62.8	42.5	52.7	84	1933	18	62.2	1984	9	1989	23	42.2	1989	398	16	.0	.0	27.2	.2	5.7	.0
Ann	77.8	57.5	67.6	106+	Sep 2000	1	85.0+	Aug 1999	9	Dec 1989	23	41.6	Jan 1977	1663	2635	.9	81.0	349.4	.7	20.2	.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

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: CROWLEY 2 NE, LA **COOP ID: 162212**

Climate Division: LA 7 **NWS Call Sign:** **Elevation: 25 Feet** **Lat: 30˚15N** **Lon: 92˚22W**

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	6.25	6.30	5.50	1959	30	12.91	1993	.87	1976
Feb	4.12	3.83	3.87	1966	12	9.39	1997	.56	2000
Mar	4.42	3.82	6.08	1965	1	11.95	1995	1.16	1996
Apr	4.38	3.28	7.21	1977	21	13.74	1977	.20	1987
May	5.75	5.35	8.87	1980	16	16.91	1980	.24	1998
Jun	5.40	4.83	9.70	1957	28	15.93	1989	.33	1979
Jul	5.71	5.60	5.55	1946	6	10.07	1975	1.20	1983
Aug	5.01	4.81	19.76	1940	9	13.89	1983	1.36	1999
Sep	4.91	3.95	4.77	1973	5	16.91	1973	1.46	1994
Oct	4.10	2.99	4.70	1967	30	17.13	1985	.06	1978
Nov	5.05	4.65	7.53	1943	7	10.87	2000	.66	1999
Dec	5.06	4.29	8.10	1971	6	14.58	1971	1.47	1980
Ann	60.16	62.51	19.76	Aug 1940	9	17.13	Oct 1985	.06	Oct 1978

Mean Number of Days (3)

Month	Daily Precipitation >= 0.01	>= 0.10	>= 0.50	>= 1.00
Jan	11.4	7.6	3.5	2.1
Feb	8.5	5.9	3.0	1.4
Mar	9.1	6.0	2.8	1.3
Apr	6.4	4.8	2.3	1.4
May	8.4	6.1	3.6	1.9
Jun	10.0	7.5	3.9	1.5
Jul	12.2	9.2	3.9	1.6
Aug	10.5	7.7	2.9	1.5
Sep	9.2	6.5	2.8	1.5
Oct	6.3	4.5	2.4	1.5
Nov	8.5	6.0	3.3	1.8
Dec	9.6	6.3	3.4	1.5
Ann	110.1	78.1	37.8	19.0

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	1.26	1.82	2.74	3.58	4.43	5.34	6.37	7.61	9.24	11.87	14.35
Feb	.98	1.37	1.97	2.51	3.04	3.61	4.24	4.99	5.98	7.54	9.01
Mar	1.16	1.58	2.22	2.79	3.34	3.92	4.57	5.34	6.34	7.92	9.39
Apr	.38	.68	1.26	1.87	2.53	3.29	4.20	5.33	6.90	9.51	12.08
May	1.11	1.63	2.47	3.25	4.04	4.88	5.85	7.01	8.54	11.01	13.35
Jun	1.04	1.53	2.32	3.05	3.79	4.58	5.49	6.57	8.02	10.33	12.54
Jul	2.37	2.89	3.63	4.23	4.80	5.37	5.99	6.70	7.60	8.98	10.23
Aug	1.25	1.72	2.45	3.10	3.74	4.41	5.17	6.06	7.23	9.08	10.82
Sep	1.28	1.74	2.45	3.08	3.70	4.35	5.07	5.92	7.04	8.80	10.45
Oct	.43	.73	1.30	1.87	2.49	3.18	3.99	5.01	6.39	8.69	10.93
Nov	1.40	1.88	2.61	3.24	3.86	4.51	5.23	6.08	7.19	8.92	10.54
Dec	1.73	2.21	2.90	3.49	4.06	4.64	5.28	6.02	6.97	8.45	9.80
Ann	43.53	46.77	50.91	54.05	56.83	59.52	62.28	65.34	69.04	74.39	79.01

\+ 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:
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: CROWLEY 2 NE, LA **COOP ID: 162212**

Climate Division: LA 7 **NWS Call Sign:** **Elevation: 25 Feet** **Lat: 30°15N** **Lon: 92°22W**

Snow (inches)

Snow Totals

Means/Medians (1)

Month	Snow Fall Mean	Snow Fall Median	Snow Depth Mean	Snow Depth Median
Jan	.1	.0	#	0
Feb	.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	#	.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	2.5	1973	12	2.5	1973	#+	1982	14	#+	1982
Feb	.5	1973	9	.5	1973	#	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	#	1997	14	#+	1997	#+	1997	14	#+	1997
Ann	2.5	Jan 1973	12	2.5	Jan 1973	#+	Dec 1997	14	#+	Dec 1997

Mean Number of Days (1)

Snow Fall >= Thresholds

Month	0.1	1.0	3.0	5.0	10.0
Jan	@	@	.0	.0	.0
Feb	@	.0	.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	.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	.0	.0	.0	.0
Ann	.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: CROWLEY 2 NE, LA **COOP ID: 162212**

Climate Division: LA 7 **NWS Call Sign:** **Elevation: 25 Feet** **Lat: 30˚15N** **Lon: 92˚22W**

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	3/28	3/21	3/16	3/12	3/08	3/05	2/28	2/24	2/17
32	3/21	3/12	3/06	3/01	2/24	2/19	2/14	2/08	1/31
28	3/05	2/23	2/16	2/10	2/04	1/29	1/23	1/15	1/05
24	2/23	2/12	2/04	1/28	1/20	1/12	12/30	0/00	0/00
20	1/15	1/01	0/00	0/00	0/00	0/00	0/00	0/00	0/00
16	1/08	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	10/28	11/03	11/07	11/11	11/14	11/18	11/21	11/26	12/02
32	11/08	11/15	11/21	11/25	11/29	12/03	12/08	12/13	12/20
28	11/27	12/03	12/08	12/11	12/15	12/18	12/22	12/26	1/01
24	12/08	12/21	12/30	1/08	1/17	1/28	2/17	0/00	0/00
20	12/28	1/11	0/00	0/00	0/00	0/00	0/00	0/00	0/00
16	1/15	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	274	266	260	255	250	246	240	234	226
32	308	298	290	283	277	271	264	257	246
28	343	331	324	317	312	306	300	293	283
24	>365	>365	>365	>365	361	341	329	318	305
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: CROWLEY 2 NE, LA **COOP ID: 162212**

Climate Division: LA 7 **NWS Call Sign:** **Elevation: 25 Feet** **Lat: 30˚15N** **Lon: 92˚22W**

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	476	331	168	47	2	0	0	0	0	37	204	398	1663
60	340	210	79	11	0	0	0	0	0	10	117	270	1037
57	269	151	43	4	0	0	0	0	0	4	77	206	754
55	228	119	26	1	0	0	0	0	0	2	56	170	602
50	142	55	6	0	0	0	0	0	0	0	21	93	317
32	7	0	0	0	0	0	0	0	0	0	0	1	8

Cooling Degree Days (1)

Base Above	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
32	567	601	893	1065	1340	1458	1555	1545	1382	1150	837	641	13034
55	75	76	206	376	627	768	842	832	692	439	203	98	5234
57	54	53	161	319	565	708	780	770	632	379	164	72	4657
60	32	27	104	236	472	618	687	677	542	292	114	43	3844
65	3	8	38	122	318	468	532	522	392	165	51	16	2635
70	0	0	9	46	175	318	377	367	246	71	18	3	1630

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	345	411	650	831	1093	1217	1307	1301	1144	904	603	414	345	756	1406	2237	3330	4547	5854	7155	8299	9203	9806	10220
45	228	287	500	681	938	1067	1152	1146	994	749	458	281	228	515	1015	1696	2634	3701	4853	5999	6993	7742	8200	8481
50	136	181	360	531	783	917	997	991	844	594	325	176	136	317	677	1208	1991	2908	3905	4896	5740	6334	6659	6835
55	72	99	227	382	628	767	842	836	694	442	208	102	72	171	398	780	1408	2175	3017	3853	4547	4989	5197	5299
60	31	44	122	244	473	617	687	681	545	301	119	51	31	75	197	441	914	1531	2218	2899	3444	3745	3864	3915
Base	**Growing Degree Units for Corn (Monthly)**												**Growing Degree Units for Corn (Accumulated Monthly)**											
50/86	204	241	400	541	766	858	922	900	795	602	371	245	204	445	845	1386	2152	3010	3932	4832	5627	6229	6600	6845

(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