

Climatography of the United States No. 20

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

Station: JENNINGS, LA

1971-2000

COOP ID: 164700

Climate Division: LA 7

NWS Call Sign:

Elevation: 25 Feet

Lat: 30° 12N

Lon: 92° 40W

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	59.1	40.5	49.8	82+	1950	18	56.3	1974	10	1962	12	41.3	1977	483	4	.0	.0	24.7	.3	7.2	.0
Feb	63.2	43.5	53.4	83	1977	26	59.3	1976	12	1951	2	43.3	1978	336	9	.0	.0	25.0	.1	3.9	.0
Mar	70.5	50.2	60.4	87+	1963	18	66.3	1974	22	1980	2	54.8	1996	180	36	.0	.0	30.2	.0	.9	.0
Apr	77.2	56.4	66.8	93	1987	29	72.1	1981	33+	1962	2	61.7	1983	58	112	.0	.2	30.0	.0	.0	.0
May	84.0	65.1	74.6	97	1951	31	77.5	1978	45	1954	4	71.4	1993	2	299	.0	3.3	31.0	.0	.0	.0
Jun	88.8	71.1	80.0	100+	1954	30	82.6	1977	52	1984	1	77.6	1988	0	449	@	13.9	30.0	.0	.0	.0
Jul	90.7	72.9	81.8	102	1948	31	84.4	1980	59+	1967	15	80.0	1989	0	521	.1	21.0	31.0	.0	.0	.0
Aug	91.1	72.1	81.6	105	2000	31	84.7	1999	58+	1989	9	78.1	1992	0	515	.2	22.9	31.0	.0	.0	.0
Sep	87.8	68.0	77.9	107	2000	1	82.2	1980	43	1967	29	74.8	1975	0	387	.2	12.7	30.0	.0	.0	.0
Oct	80.0	57.6	68.8	96+	1952	2	73.3	1973	29	1952	29	61.0	1976	45	162	.0	1.4	31.0	.0	.1	.0
Nov	69.7	49.2	59.5	89	1950	2	65.6	1973	22+	1956	30	51.0	1976	217	50	.0	.0	29.2	.0	1.1	.0
Dec	61.9	42.6	52.3	87	1948	24	61.9	1984	10+	1989	23	42.7	1989	411	15	.0	.0	27.2	.2	5.2	.0
Ann	77.0	57.4	67.2	107	Sep 2000	1	84.7	Aug 1999	10+	Dec 1989	23	41.3	Jan 1977	1732	2559	.5	75.4	350.3	.6	18.4	.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/normal/usnormals.html

Issue Date: February 2004

(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

025-A

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Lat: 30°12N

Lon: 92°40W

Precipitation (inches)

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	Med- ian	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	6.15	5.68	4.50	1959	30	14.26	1974	.77	1971	10.5	7.5	3.8	2.0	1.20	1.76	2.66	3.49	4.33	5.23	6.25	7.48	9.11	11.73	14.22
Feb	3.80	3.19	6.00	1955	5	8.55	1997	.62	2000	8.8	5.8	2.8	1.1	.85	1.21	1.76	2.26	2.76	3.30	3.89	4.61	5.55	7.04	8.45
Mar	4.48	3.55	5.72	1973	25	11.66	1973	1.04	1971	8.5	5.9	2.8	1.3	.97	1.39	2.04	2.64	3.23	3.87	4.58	5.44	6.57	8.37	10.07
Apr	3.97	3.46	12.20	1967	14	9.58	1977	.25	1987	6.7	4.2	2.4	1.4	.40	.69	1.23	1.78	2.38	3.05	3.85	4.84	6.20	8.46	10.67
May	5.61	4.81	8.29	1953	18	18.30	1980	.01	1998	8.1	6.0	3.0	1.9	.47	.85	1.59	2.36	3.22	4.19	5.36	6.82	8.85	12.23	15.57
Jun	5.63	4.78	10.40	1957	27	15.71	1989	.70	1980	9.6	6.8	3.3	1.6	1.31	1.84	2.66	3.40	4.13	4.91	5.79	6.83	8.20	10.37	12.41
Jul	5.66	5.82	4.31	1975	11	11.58	1979	1.33	1993	12.5	8.7	3.7	1.8	2.28	2.80	3.54	4.14	4.72	5.30	5.93	6.66	7.58	9.00	10.28
Aug	4.74	4.21	20.76	1955	3	10.11	1996	.91	1990	10.9	7.1	3.1	1.2	1.21	1.66	2.35	2.95	3.55	4.19	4.89	5.73	6.82	8.54	10.16
Sep	5.83	5.02	7.60	1973	5	17.04	1973	2.16	1993	9.3	6.3	3.0	1.3	1.99	2.54	3.35	4.03	4.68	5.35	6.08	6.94	8.04	9.74	11.30
Oct	4.29	3.15	6.00	1974	29	17.13	1985	.04	1978	6.5	4.5	2.4	1.4	.46	.78	1.37	1.97	2.61	3.33	4.18	5.24	6.68	9.06	11.38
Nov	5.26	5.30	10.20	1955	12	13.24	2000	1.01	1971	8.5	5.7	3.3	1.9	1.64	2.14	2.88	3.52	4.13	4.77	5.48	6.30	7.36	9.02	10.56
Dec	5.22	4.56	6.20	1971	6	12.84	1971	2.09	1980	9.6	6.6	3.4	1.8	2.04	2.52	3.21	3.78	4.32	4.88	5.47	6.16	7.03	8.38	9.60
Ann	60.64	61.04	20.76	Aug 1955	3	18.30	May 1980	.01	May 1998	109.5	75.1	37.0	18.7	44.78	47.90	51.86	54.86	57.51	60.06	62.68	65.58	69.07	74.12	78.47

+ 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

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Station: JENNINGS, LA

COOP ID: 164700

Climate Division: LA 7

NWS Call Sign:

Elevation: 25 Feet

Lat: 30° 12N

Lon: 92° 40W

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	.3	1978	20	.3	1978	2	1973	12	#+	1982	.1	.0	.0	.0	.0	.0	.0	.0	.0
Feb	.1	.0	#	0	1.0	1973	9	1.0	1973	#+	1996	2	#+	1996	.1	@	.0	.0	.0	.0	.0	.0	.0
Mar	#	.0	0	0	#	1993	13	#	1993	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	.2	1989	23	.2	1989	#+	1996	19	#+	1996	@	.0	.0	.0	.0	.0	.0	.0	.0
Ann	.1	.0	N/A	N/A	1.0	Feb 1973	9	1.0	Feb 1973	2	Jan 1973	12	#+	Dec 1996	.2	@	.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:

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Climate Division: LA 7

NWS Call Sign:

Elevation: 25 Feet

Lat: 30° 12N

Lon: 92° 40W

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	3/29	3/21	3/15	3/10	3/06	3/01	2/24	2/19	2/11
32	3/22	3/11	3/03	2/25	2/19	2/13	2/06	1/29	1/19
28	3/06	2/23	2/15	2/08	2/02	1/26	1/18	1/07	0/00
24	2/20	2/09	1/31	1/23	1/14	1/02	0/00	0/00	0/00
20	1/15	12/31	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	10/30	11/05	11/10	11/14	11/17	11/21	11/25	11/29	12/05
32	11/10	11/18	11/24	11/29	12/03	12/08	12/12	12/18	12/26
28	11/23	12/04	12/12	12/20	12/26	1/02	1/11	1/22	0/00
24	12/10	12/22	1/01	1/10	1/19	2/03	0/00	0/00	0/00
20	1/02	1/17	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	286	275	268	262	256	250	244	236	226
32	320	307	298	291	285	278	271	264	253
28	>365	>365	352	333	323	314	306	297	285
24	>365	>365	>365	>365	>365	348	333	321	307
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:
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COOP ID: 164700

Climate Division: LA 7 NWS Call Sign: Elevation: 25 Feet Lat: 30°12N Lon: 92°40W

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	483	336	180	58	2	0	0	0	0	45	217	411	1732
60	346	216	88	16	0	0	0	0	0	13	127	280	1086
57	273	158	50	6	0	0	0	0	0	6	86	215	794
55	231	125	31	3	0	0	0	0	0	3	63	178	634
50	144	60	8	0	0	0	0	0	0	0	25	99	336
32	7	0	0	0	0	0	0	0	0	0	0	1	8

Base	Cooling Degree Days (1)												
Above	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
32	558	597	880	1044	1320	1439	1544	1538	1376	1140	824	628	12888
55	69	79	198	357	607	749	831	825	686	430	197	92	5120
57	50	55	154	300	545	689	769	763	626	371	159	67	4548
60	29	29	100	220	452	599	676	670	536	285	111	39	3746
65	4	9	36	112	299	449	521	515	387	162	50	15	2559
70	0	0	9	41	157	299	366	360	241	72	18	3	1566

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	343	415	649	818	1082	1207	1305	1298	1145	902	597	407	343	758	1407	2225	3307	4514	5819	7117	8262	9164	9761	10168
45	225	288	495	668	927	1057	1150	1143	995	747	455	276	225	513	1008	1676	2603	3660	4810	5953	6948	7695	8150	8426
50	136	185	356	518	772	907	995	988	845	593	322	170	136	321	677	1195	1967	2874	3869	4857	5702	6295	6617	6787
55	72	99	225	372	617	757	840	833	695	441	207	94	72	171	396	768	1385	2142	2982	3815	4510	4951	5158	5252
60	30	48	121	234	462	607	685	678	545	300	117	48	30	78	199	433	895	1502	2187	2865	3410	3710	3827	3875
Base	Growing Degree Units for Corn (Monthly)												Growing Degree Units for Corn (Accumulated Monthly)											
50/86	195	241	393	530	761	851	921	904	800	604	366	237	195	436	829	1359	2120	2971	3892	4796	5596	6200	6566	6803

(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.

- | | |
|---|---|
| <ol style="list-style-type: none">a. Temperature/ Precipitation Tables<ol style="list-style-type: none">1. 1971-2000 Monthly Normals2. Cooperative Summary of the Day3. National Weather Service station records4. 1971-2000 serially complete daily datab. Degree Day Table<ol style="list-style-type: none">1. Monthly and Annual Heating and Cooling Degree Days Normals to Selected Bases derived from 1971-2000 Monthly Normals2. Daily Normal Growing Degree Units to Selected Base Temperatures derived from 1971-2000 serially complete daily data | <ol style="list-style-type: none">c. Snow Tables<ol style="list-style-type: none">1. Snow Climatology2. Cooperative Summary of the Dayd. 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