

Climatology of the United States

No. 20

1971-2000

Station: DE QUINCY, LA

COOP ID: 162361

Climate Division: LA 7

NWS Call Sign:

Elevation: 81 Feet

Lat: 30°26N

Lon: 93°28W

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	59.2	37.4	48.3	81+	1957	9	54.4	1999	10	1982	11	39.6	1977	528	0	.0	.0	25.8	.3	10.3	.0
Feb	63.1	40.2	51.7	87	1957	10	58.9	2000	14	1996	4	41.7	1978	380	6	.0	.0	25.1	.1	6.3	.0
Mar	69.7	46.9	58.3	91+	1966	31	63.7	1997	21+	1968	1	53.6	1996	224	17	.0	.1	30.3	.0	2.1	.0
Apr	76.0	53.5	64.8	93+	1955	29	69.5	1999	31	1987	4	60.8	1983	77	70	.0	.3	30.0	.0	@	.0
May	83.0	62.3	72.7	96	1998	31	76.0	2000	41+	1970	4	68.8	1976	5	243	.0	3.7	31.0	.0	.0	.0
Jun	88.3	68.5	78.4	101+	1954	30	81.8	1998	50	1984	1	75.2	1976	0	403	@	17.6	30.0	.0	.0	.0
Jul	91.0	70.9	81.0	105	1980	18	84.2	1980	59	1968	5	78.4	1976	0	495	.5	26.0	31.0	.0	.0	.0
Aug	91.4	69.9	80.7	105+	1962	8	83.3	1999	55	1963	16	77.4	1992	0	485	.4	24.6	31.0	.0	.0	.0
Sep	87.4	65.1	76.3	107	2000	1	80.7	1980	43	1981	21	72.2	1975	1	339	.3	12.3	30.0	.0	.0	.0
Oct	79.6	54.0	66.8	96	1954	6	71.0	1984	28	1976	21	58.1	1976	65	120	.0	1.2	31.0	.0	.1	.0
Nov	69.7	45.8	57.8	89	1961	1	64.1	1973	19	1976	30	50.1	1976	249	32	.0	.0	29.4	.0	2.9	.0
Dec	61.9	39.6	50.8	85	1984	30	59.3	1984	9+	1983	25	41.7	1989	452	10	.0	.0	27.2	.2	8.9	.0
Ann	76.7	54.5	65.6	107	Sep 2000	1	84.2	Jul 1980	9+	Dec 1983	25	39.6	Jan 1977	1981	2220	1.2	85.8	351.8	.6	30.6	.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: 1948-2001

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

014-A

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: DE QUINCY, LA

COOP ID: 162361

Climate Division: LA 7

NWS Call Sign:

Elevation: 81 Feet

Lat: 30°26N

Lon: 93°28W

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	6.29	6.76	4.25	1996	27	11.73	1974	1.00	2000	9.7	6.5	3.2	1.5	1.46	2.05	2.97	3.80	4.62	5.49	6.47	7.63	9.16	11.59	13.88	
Feb	3.78	3.38	5.45	1955	5	8.52	1997	.79	2000	9.0	5.8	2.5	1.3	.94	1.29	1.84	2.33	2.82	3.32	3.89	4.57	5.45	6.85	8.17	
Mar	4.27	4.17	6.96	1976	25	14.29	1976	.89	1996	10.0	6.4	2.9	1.4	1.14	1.55	2.17	2.71	3.24	3.80	4.42	5.15	6.11	7.61	9.02	
Apr	3.75	3.02	6.30	1953	25	8.68	1979	.11	1987	6.0	4.0	1.9	1.0	.55	.86	1.41	1.92	2.47	3.06	3.74	4.58	5.70	7.54	9.30	
May	5.59	5.15	5.58	1955	20	13.91	1983	.02	1998	8.9	6.4	3.4	1.7	.51	.91	1.66	2.44	3.28	4.24	5.38	6.81	8.77	12.04	15.25	
Jun	6.08	5.70	4.09	1950	3	15.95	1989	.73	1980	10.0	7.5	3.8	1.8	1.91	2.49	3.34	4.08	4.79	5.52	6.33	7.27	8.49	10.39	12.14	
Jul	5.46	5.51	6.68	1959	26	9.75	1979	.91	1998	12.0	8.7	3.5	1.6	1.81	2.33	3.09	3.73	4.35	4.99	5.69	6.51	7.56	9.19	10.70	
Aug	5.01	4.73	5.05	1962	29	10.88	1975	.80	2000	10.8	7.7	3.1	1.5	1.19	1.65	2.39	3.04	3.69	4.38	5.15	6.06	7.27	9.17	10.97	
Sep	5.47	4.70	9.50	1964	17	15.22	1998	.91	1995	8.6	6.2	3.0	1.5	1.63	2.15	2.93	3.60	4.25	4.93	5.68	6.56	7.70	9.49	11.14	
Oct	4.57	3.83	7.01	1970	12	16.93	1985	.50	1978	6.7	4.8	2.5	1.5	.79	1.19	1.85	2.48	3.12	3.82	4.61	5.57	6.86	8.93	10.91	
Nov	5.28	4.83	8.24	2001	28	11.48	2000	.53	1999	8.4	5.7	3.1	1.8	1.72	2.22	2.96	3.59	4.19	4.82	5.50	6.30	7.33	8.93	10.41	
Dec	5.51	4.83	7.00	1982	27	15.65	1982	2.15	2000	11.1	7.3	3.3	1.6	2.03	2.55	3.29	3.91	4.50	5.10	5.76	6.52	7.49	8.99	10.36	
Ann	61.06	59.97	9.50	Sep 1964	17	16.93	Oct 1985	.02	May 1998	111.2	77.0	36.2	18.2	46.81	49.65	53.23	55.93	58.30	60.58	62.91	65.48	68.57	73.01	76.81	

+ 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

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: DE QUINCY, LA

COOP ID: 162361

Climate Division: LA 7

NWS Call Sign:

Elevation: 81 Feet

Lat: 30°26N

Lon: 93°28W

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	.1	.0	#	0	.5	1982	14	.5	1982	#	1982	14	#	1982	.1	.0	.0	.0	.0	.0	.0	.0	.0
Feb	#	.0	#	0	#	1988	8	#+	1988	#	1988	8	#	1988	.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	.1	.0	N/A	N/A	.5	Jan 1982	14	.5	Jan 1982	#+	Feb 1988	8	#+	Feb 1988	.1	.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

Climatography of the United States

No. 20 1971-2000

Station: DE QUINCY, LA

COOP ID: 162361

Climate Division: LA 7

NWS Call Sign:

Elevation: 81 Feet

Lat: 30°26N

Lon: 93°28W

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	4/18	4/07	3/30	3/24	3/17	3/11	3/04	2/24	2/13
32	3/28	3/19	3/12	3/06	3/01	2/23	2/17	2/10	2/01
28	3/15	3/03	2/22	2/14	2/07	1/31	1/24	1/15	1/03
24	3/04	2/20	2/11	2/04	1/27	1/19	1/10	12/27	0/00
20	2/01	1/21	1/12	1/03	12/21	0/00	0/00	0/00	0/00
16	1/14	12/27	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	10/23	10/29	11/03	11/06	11/10	11/13	11/17	11/22	11/28
32	11/01	11/08	11/13	11/18	11/22	11/26	11/30	12/05	12/12
28	11/13	11/21	11/27	12/02	12/06	12/11	12/16	12/21	12/29
24	11/29	12/09	12/16	12/22	12/28	1/04	1/11	1/23	0/00
20	12/15	12/25	1/03	1/12	1/24	0/00	0/00	0/00	0/00
16	1/07	1/26	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	277	263	253	245	237	229	221	211	197
32	299	288	279	272	265	259	251	243	231
28	336	322	313	306	300	293	286	278	267
24	>365	>365	>365	343	329	319	309	298	284
20	>365	>365	>365	>365	>365	>365	>365	342	325
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

**Climatography
of the United States
No. 20
1971-2000**

Station: DE QUINCY, LA

COOP ID: 162361

Climate Division: LA 7 NWS Call Sign: Elevation: 81 Feet Lat: 30°26N Lon: 93°28W

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	528	380	224	77	5	0	0	0	1	65	249	452	1981
60	387	254	116	22	0	0	0	0	0	21	150	315	1265
57	311	189	69	8	0	0	0	0	0	9	103	244	933
55	265	153	45	4	0	0	0	0	0	5	77	203	752
50	172	80	12	0	0	0	0	0	0	1	31	118	414
32	10	0	0	0	0	0	0	0	0	0	0	2	12

Base	Cooling Degree Days (1)												
Above	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
32	515	550	816	983	1261	1393	1518	1508	1327	1078	773	584	12306
55	57	59	148	296	548	703	805	795	637	370	160	71	4649
57	41	40	110	240	486	643	743	733	577	312	126	50	4101
60	24	20	64	165	394	553	650	640	487	232	83	28	3340
65	0	6	17	70	243	403	495	485	339	120	32	10	2220
70	0	0	2	18	114	253	340	330	200	46	11	0	1314

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	315	387	612	787	1048	1185	1297	1281	1111	853	565	373	315	702	1314	2101	3149	4334	5631	6912	8023	8876	9441	9814
45	196	260	461	637	893	1035	1142	1126	961	698	419	245	196	456	917	1554	2447	3482	4624	5750	6711	7409	7828	8073
50	107	156	314	488	738	885	987	971	811	543	284	147	107	263	577	1065	1803	2688	3675	4646	5457	6000	6284	6431
55	52	82	185	344	583	735	832	816	661	392	169	84	52	134	319	663	1246	1981	2813	3629	4290	4682	4851	4935
60	22	36	86	208	429	585	677	661	511	250	92	35	22	58	144	352	781	1366	2043	2704	3215	3465	3557	3592
Base	Growing Degree Units for Corn (Monthly)												Growing Degree Units for Corn (Accumulated Monthly)											
50/86	198	244	376	512	724	819	893	873	768	563	360	233	198	442	818	1330	2054	2873	3766	4639	5407	5970	6330	6563

(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 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