

# 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: COLQUITT 2 W, GA

1971-2000

COOP ID: 092153

Climate Division: GA 7

NWS Call Sign:

Elevation: 153 Feet Lat: 31°10N Lon: 84°46W

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	61.9	39.2	50.6	85	1957	30	64.1	1974	2	1985	21	40.5	1977	465	4	.0	.0	26.8	.1	10.3	.0
Feb	65.4	41.6	53.5	87+	1962	28	59.8	1990	12	1996	5	44.0	1978	331	9	.0	.0	26.2	.1	6.2	.0
Mar	73.1	48.3	60.7	90	1986	28	66.8	1997	17	1980	3	55.3	1971	171	39	.0	@	30.7	.0	1.8	.0
Apr	79.0	52.5	65.8	94+	1958	26	70.3	1999	31+	2000	10	61.6	1983	56	79	.0	.9	30.0	.0	.2	.0
May	85.6	60.9	73.3	99	1960	24	77.6	1998	41+	1971	3	69.9	1976	5	260	.0	7.2	31.0	.0	.0	.0
Jun	90.4	67.9	79.2	104	1978	30	84.2	1998	48	1984	1	75.8	1997	0	423	.9	19.3	30.0	.0	.0	.0
Jul	92.0	70.6	81.3	105+	1980	15	84.7	1986	54	1967	16	78.3	1975	0	506	1.5	24.5	31.0	.0	.0	.0
Aug	91.5	70.1	80.8	105	1986	1	83.3	1999	56	1992	30	78.9	1994	0	491	.5	22.9	31.0	.0	.0	.0
Sep	88.0	65.7	76.9	100	1980	17	79.8	1980	37	1967	30	73.9	1983	1	356	@	13.7	30.0	.0	.0	.0
Oct	80.5	54.5	67.5	97+	1959	4	75.0	1985	31+	1968	27	61.1	1987	73	149	.0	2.3	31.0	.0	@	.0
Nov	71.6	46.7	59.2	89+	1986	12	68.5	1986	16	1970	25	51.2	1976	222	46	.0	.0	29.9	.0	3.2	.0
Dec	64.1	41.4	52.8	88	1984	14	61.6	1971	9	1983	25	44.5	1989	396	17	.0	.0	28.1	.1	8.4	.0
Ann	78.6	55.0	66.8	105+	Aug 1986	1	84.7	Jul 1986	2	Jan 1985	21	40.5	Jan 1977	1720	2379	2.9	90.8	355.7	.3	30.1	.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](http://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: 1956-2001

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

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**Station: COLQUITT 2 W, GA**

**COOP ID: 092153**

**Climate Division: GA 7**

**NWS Call Sign:**

**Elevation: 153 Feet Lat: 31°10N**

**Lon: 84°46W**

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	6.18	5.72	5.62	1978	25	13.60	1991	1.28	1989	8.6	7.2	4.0	2.0	2.35	2.92	3.75	4.43	5.08	5.74	6.46	7.29	8.35	9.98	11.47
Feb	4.68	4.97	3.46	1983	13	10.16	1986	1.20	1980	7.1	6.0	3.0	1.4	1.53	1.97	2.63	3.18	3.72	4.27	4.88	5.58	6.49	7.91	9.21
Mar	6.12	6.06	4.00	1991	2	13.22	1980	2.08	1986	8.2	6.9	4.1	2.1	2.22	2.80	3.62	4.32	4.98	5.66	6.39	7.25	8.34	10.03	11.58
Apr	3.78	3.35	6.76	1975	10	11.52	1975	.33	1972	5.9	4.9	2.5	1.4	.52	.83	1.37	1.90	2.45	3.05	3.76	4.62	5.78	7.67	9.50
May	3.50	3.06	3.65	1973	27	12.18	1976	.29	1977	6.6	5.3	2.4	1.1	.42	.70	1.19	1.68	2.20	2.78	3.45	4.28	5.41	7.27	9.07
Jun	4.86	4.30	5.90	1995	5	12.33	1989	.67	1998	8.1	6.6	3.0	1.6	.87	1.30	2.01	2.67	3.35	4.08	4.91	5.92	7.27	9.43	11.50
Jul	5.43	5.06	3.29	1961	21	12.46	1998	.99	1977	9.5	7.7	3.7	1.5	1.61	2.13	2.90	3.57	4.22	4.90	5.64	6.52	7.65	9.43	11.07
Aug	4.58	4.73	4.50	1970	8	9.06	1977	1.09	2000	8.2	6.8	3.2	1.6	1.55	1.98	2.61	3.15	3.67	4.20	4.78	5.45	6.32	7.67	8.91
Sep	4.00	3.40	6.15	1998	3	17.46	1998	.30	1984	6.8	5.4	2.4	1.2	.48	.79	1.35	1.91	2.50	3.16	3.93	4.89	6.19	8.32	10.39
Oct	2.27	1.74	4.04	1994	3	7.60	1976	.00+	2000	3.7	2.8	1.2	.8	.00	.16	.52	.87	1.25	1.68	2.19	2.81	3.67	5.11	6.53
Nov	3.68	3.10	5.30	1985	22	9.66	1997	1.21	1981	5.6	4.5	2.6	1.2	1.03	1.38	1.90	2.37	2.82	3.29	3.81	4.43	5.23	6.49	7.66
Dec	4.11	3.55	4.11	1971	20	9.22	1982	.32	1984	6.5	5.4	2.6	1.2	.90	1.28	1.89	2.43	2.98	3.56	4.21	4.99	6.02	7.66	9.21
Ann	53.19	50.76	6.76	Apr 1975	10	17.46	Sep 1998	.00+	Oct 2000	84.8	69.5	34.7	17.1	38.99	41.77	45.31	47.99	50.36	52.64	55.00	57.59	60.73	65.26	69.17

+ 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: 1956-2001

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

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**Station: COLQUITT 2 W, GA**

**COOP ID: 092153**

**Climate Division: GA 7**

**NWS Call Sign:**

**Elevation: 153 Feet**

**Lat: 31°10N**

**Lon: 84°46W**

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	0	2.0	1977	31	2.0	1977	0	0	0	0	0	@	@	.0	.0	.0	.0	.0	.0	.0
Feb	.2	.0	#	0	4.0	1973	10	4.0	1973	4	1973	10	#	1973	@	@	@	.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	.1	.0	#	0	2.0	1989	23	2.0	1989	2	1989	23	#	1989	@	@	.0	.0	.0	@	.0	.0	.0
Ann	.4	.0	N/A	N/A	4.0	Feb 1973	10	4.0	Feb 1973	4	Feb 1973	10	#+	Dec 1989	@	@	@	.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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NWS Call Sign:

Elevation: 153 Feet

Lat: 31° 10N

Lon: 84° 46W

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	4/15	4/08	4/03	3/30	3/26	3/22	3/18	3/13	3/06
32	3/28	3/23	3/19	3/15	3/12	3/09	3/05	3/01	2/24
28	3/11	3/03	2/26	2/21	2/17	2/12	2/08	2/02	1/25
24	2/27	2/19	2/13	2/08	2/03	1/29	1/23	1/16	1/03
20	2/11	2/02	1/27	1/20	1/13	1/05	0/00	0/00	0/00
16	1/16	1/04	12/19	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	10/16	10/22	10/27	10/31	11/04	11/08	11/12	11/17	11/23
32	10/31	11/07	11/12	11/16	11/19	11/23	11/27	12/02	12/08
28	11/10	11/19	11/26	12/01	12/06	12/11	12/17	12/23	1/01
24	11/24	12/06	12/14	12/22	12/29	1/06	1/14	1/24	2/13
20	12/21	12/31	1/07	1/14	1/21	1/30	0/00	0/00	0/00
16	12/28	1/09	1/26	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	252	242	234	228	222	216	210	203	193
32	274	267	261	256	252	247	242	237	229
28	323	312	305	298	292	286	279	272	261
24	>365	>365	351	335	324	315	306	296	283
20	>365	>365	>365	>365	>365	>365	349	333	319
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: 092153**

**Climate Division: GA 7      NWS Call Sign:      Elevation: 153 Feet    Lat: 31°10N    Lon: 84°46W**

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	465	331	171	56	5	0	0	0	1	73	222	396	1720
60	344	211	83	12	0	0	0	0	0	28	130	268	1076
57	279	153	46	4	0	0	0	0	0	14	87	205	788
55	241	121	29	1	0	0	0	0	0	9	63	169	633
50	158	57	7	0	0	0	0	0	0	2	24	93	341
32	13	0	0	0	0	0	0	0	0	0	0	2	15

Base	Cooling Degree Days (1)												
Above	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
32	588	602	891	1013	1279	1413	1529	1514	1345	1100	814	645	12733
55	103	80	206	324	566	723	816	801	655	395	187	100	4956
57	79	56	161	267	504	663	754	739	595	339	151	73	4381
60	52	29	105	185	411	573	661	646	505	260	104	43	3574
65	4	9	39	79	260	423	506	491	356	149	46	17	2379
70	3	0	10	20	131	275	351	336	211	69	16	5	1427

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	338	405	630	785	1042	1190	1298	1281	1118	857	582	399	338	743	1373	2158	3200	4390	5688	6969	8087	8944	9526	9925
45	217	278	479	635	887	1040	1143	1126	968	702	436	265	217	495	974	1609	2496	3536	4679	5805	6773	7475	7911	8176
50	126	171	333	486	732	890	988	971	818	547	301	164	126	297	630	1116	1848	2738	3726	4697	5515	6062	6363	6527
55	63	94	208	341	577	740	833	816	668	393	187	87	63	157	365	706	1283	2023	2856	3672	4340	4733	4920	5007
60	26	37	105	208	423	590	678	661	519	255	100	44	26	63	168	376	799	1389	2067	2728	3247	3502	3602	3646
Base	Growing Degree Units for Corn (Monthly)												Growing Degree Units for Corn (Accumulated Monthly)											
50/86	210	256	401	513	708	811	886	875	767	568	376	250	210	466	867	1380	2088	2899	3785	4660	5427	5995	6371	6621

(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](http://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.  
Complete documentation for the 1971-2000 Normals is available on the internet from:  
[www.ncdc.noaa.gov/oa/climate/normal/usnormals.html](http://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"><li>a. Temperature/ Precipitation Tables<ol style="list-style-type: none"><li>1. 1971-2000 Monthly Normals</li><li>2. Cooperative Summary of the Day</li><li>3. National Weather Service station records</li><li>4. 1971-2000 serially complete daily data</li></ol></li><li>b. Degree Day Table<ol style="list-style-type: none"><li>1. Monthly and Annual Heating and Cooling Degree Days Normals to Selected Bases derived from 1971-2000 Monthly Normals</li><li>2. Daily Normal Growing Degree Units to Selected Base Temperatures derived from 1971-2000 serially complete daily data</li></ol></li></ol> | <ol style="list-style-type: none"><li>c. Snow Tables<ol style="list-style-type: none"><li>1. Snow Climatology</li><li>2. Cooperative Summary of the Day</li></ol></li><li>d. Freeze Data Table<br/>1971-2000 serially complete daily data</li></ol> |
|---|---|

## References

U.S. Climate Normals 1971-2000, [www.ncdc.noaa.gov/normal.html](http://www.ncdc.noaa.gov/normal.html)  
U.S. Climate Normals 1971-2000-Products Clim20, [www.ncdc.noaa.gov/oa/climate/normal/usnormalsprods.html](http://www.ncdc.noaa.gov/oa/climate/normal/usnormalsprods.html)  
Snow Climatology Project Description, [www.ncdc.noaa.gov/oa/climate/monitoring/snowclim/mainpage.html](http://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](http://www1.ncdc.noaa.gov/pub/data/special/serialcomplete_jam_0900.pdf)