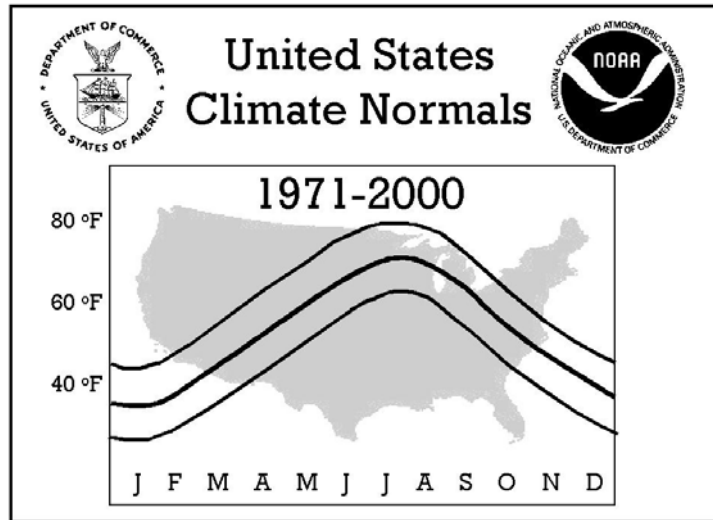


# CLIMATOGRAPHY OF THE UNITED STATES NO. 20



## Monthly Station Climate Summaries, 1971-2000



- TEMPERATURE
- PRECIPITATION
- SNOW
- FREEZE DATA
- DEGREE DAYS



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE  
NATIONAL CLIMATIC DATA CENTER  
ASHEVILLE, NC  
Issue Date: FEB 2004

## INTRODUCTION

The Climatology of the United States No. 20 Monthly Station Climate Summaries for the 1971-2000 period of record are station summaries of particular interest to agriculture, industry and engineering applications and include a variety of statistics for temperature, precipitation, snow, and degree day elements for 4,263 stations. The new CLIM20's update and expand on the previous version (1,879 stations) which was last published in 1985 and covered the period 1951-1980. The types of statistics include means, median (precipitation and snow elements), extremes, mean number of days exceeding threshold values, and probabilities for monthly precipitation and freeze data. There is also a table for each station with heating, cooling, and growing degree days for various temperature bases. New columns added by element table are below:

a. Temperature Table:

1. Highest and lowest monthly mean temperature and year of occurrence
2. Mean number of days greater than or equal to 50/100 degrees Fahrenheit

b. Precipitation Table:

1. Median monthly precipitation
2. Lowest monthly total precipitation and year of occurrence
3. Mean number of days greater than or equal to 0.01 inches

c. Snow Table:

1. Median monthly snowfall/snow depth
2. Mean snow depth and highest monthly mean snow depth and year of occurrence
3. Highest daily snowfall/snowfall and date of occurrence
4. Mean number of days greater than or equal to following thresholds, (0.1, 1.0, 3.0, 5.0, 10.0 inches)

d. Degree Days Table:

Added 32 degrees Fahrenheit as a base for HDD/CDD

## 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

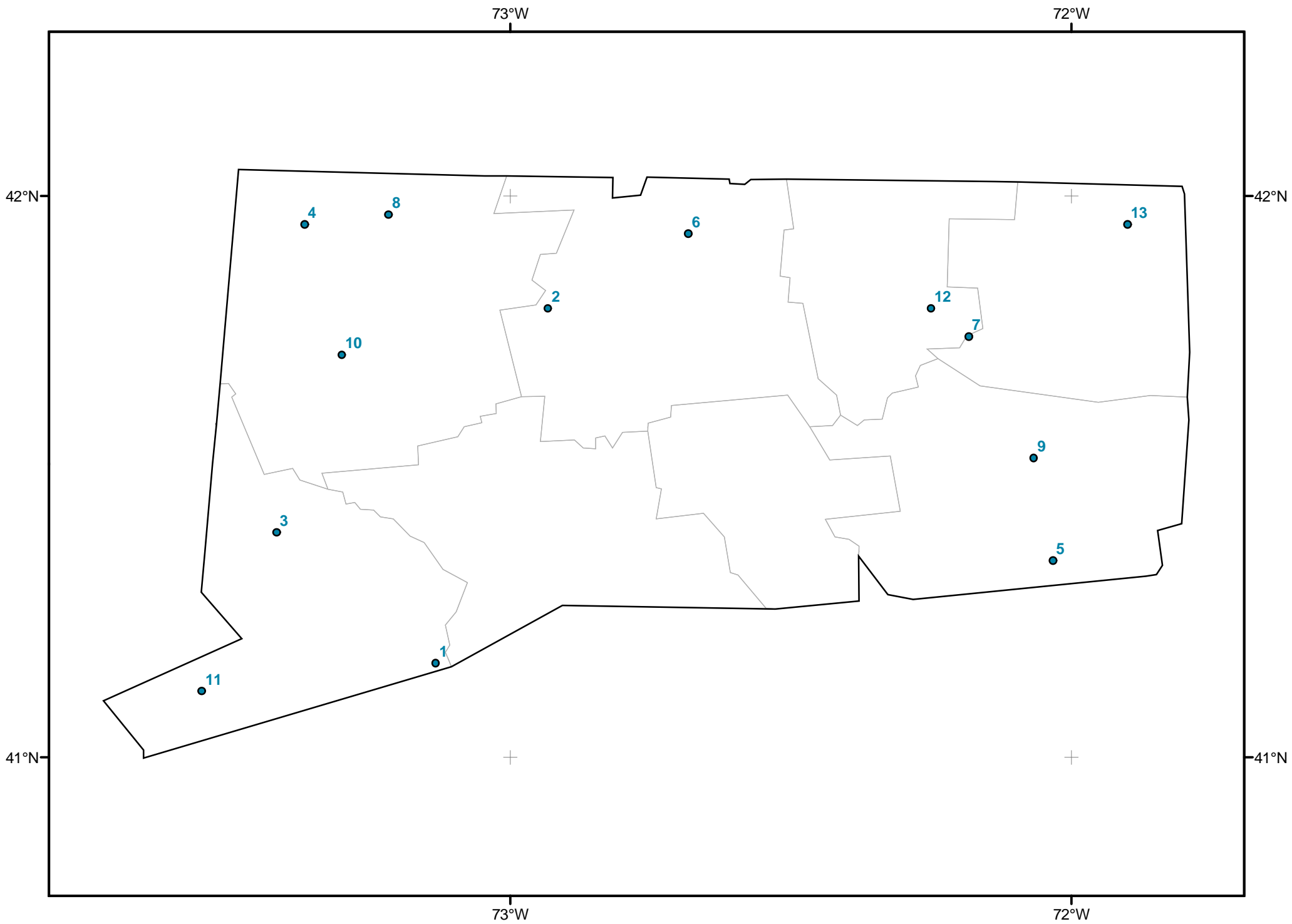
Several different data sources were used to create the Clim20 climate summaries. In some cases the daily extremes appear inconsistent with the monthly extremes and or the mean number of days statistics. For example, a high daily extreme value may not be reflected in the highest monthly value or the mean 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 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/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)

# Connecticut Station Locations



Climatography of the United States NO.20 (1971-2000)

Station Information List for

**Connecticut**

Map Num	COOP ID	Station Name, State	Latitude (DEG MN)	Longitude (DEG MN)	Elevation (Feet)	Climate DIV	Period of Record	Call Sign
001	060806	BRIDGEPORT SIKORSKY AP, CT	4110N	7308W	5	3	1948-2001	BDR
002	060973	BURLINGTON, CT	4148N	7256W	510	2	1937-2001	
003	061762	DANBURY, CT	4124N	7325W	405	2	1948-2001	
004	062658	FALLS VILLAGE, CT	4157N	7322W	550	1	1948-2001	
005	063207	GROTON, CT	4121N	7202W	40	3	1948-2001	
006	063456	HARTFORD BRADLEY INTL AP, CT	4156N	7241W	160	2	1954-2001	BDL
007	064488	MANSFIELD HOLLOW LAKE, CT	4145N	7211W	250	2	1952-2001	
008	065445	NORFOLK 2 SW, CT	4158N	7313W	1,340	1	1942-2001	
009	065910	NORWICH PUB UTIL PLANT, CT	4132N	7204W	20	2	1956-2001	
010	067373	SHEPAUG DAM, CT	4143N	7318W	840	1	1948-2001	
011	067970	STAMFORD 5 N, CT	4107N	7333W	190	3	1955-2001	
012	068138	STORRS, CT	4148N	7215W	650	2	1888-2001	
013	069388	WEST THOMPSON LAKE, CT	4157N	7154W	360	2	1965-2001	

# Climatology of the United States

## No. 20

### 1971-2000

**Station: BRIDGEPORT SIKORSKY AP, CT**

**COOP ID: 060806**

**Climate Division: CT 3**

**NWS Call Sign: BDR**

**Elevation: 5 Feet**

**Lat: 41° 10N**

**Lon: 73° 08W**

### 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	36.9	22.9	29.9	65	1974	27	36.7+	1998	-7	1984	22	22.7	1981	1089	0	.0	.0	2.9	9.7	26.0	.5
Feb	38.8	24.9	31.9	67+	1976	28	37.9	1998	-5	1963	8	24.1	1978	943	0	.0	.0	3.2	7.0	22.2	.1
Mar	46.9	32.0	39.5	84	1990	13	43.2	2000	4	1967	19	34.8	1984	803	0	.0	.0	11.4	1.2	16.1	.0
Apr	57.0	40.7	48.9	91	1990	28	51.9	1974	18	1982	7	44.6	1975	489	1	.0	@	24.6	@	2.9	.0
May	67.4	50.6	59.0	97	1996	20	64.5	1991	31	1966	10	54.9	1973	207	21	.0	.2	30.9	.0	.0	.0
Jun	76.4	59.6	68.0	96+	1949	26	71.8	1994	41	1967	1	64.2	1982	32	125	.0	1.0	30.0	.0	.0	.0
Jul	81.9	66.0	74.0	103	1957	22	78.5	1994	49	1988	1	70.4	2000	2	286	@	3.4	31.0	.0	.0	.0
Aug	80.7	65.4	73.1	100+	1948	27	76.1	1988	44	1982	29	69.8	1982	4	258	.0	1.8	31.0	.0	.0	.0
Sep	73.6	57.7	65.7	99	1953	2	68.0	1971	36+	1956	21	63.3	1981	68	91	.0	.3	30.0	.0	.0	.0
Oct	63.1	46.3	54.7	86	1997	6	59.6	1990	26+	1969	24	50.1	1972	320	7	.0	.0	30.3	.0	.7	.0
Nov	52.6	37.5	45.1	78+	1975	4	49.6	1975	16+	1951	28	40.6	1972	591	0	.0	.0	19.4	.2	7.8	.0
Dec	42.1	28.0	35.1	76	1998	7	40.5	1984	-4+	1980	25	23.6	1989	918	0	.0	.0	6.2	4.5	20.8	.1
Ann	59.8	44.3	52.1	103	Jul 1957	22	78.5	Jul 1994	-7	Jan 1984	22	22.7	Jan 1981	5466	789	@	6.7	250.9	22.6	96.5	.7

+ 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: 1948-2001

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

# Climatography of the United States

## No. 20 1971-2000

**Station: BRIDGEPORT SIKORSKY AP, CT**

**COOP ID: 060806**

**Climate Division: CT 3**

**NWS Call Sign: BDR**

**Elevation: 5 Feet**

**Lat: 41°10N**

**Lon: 73°08W**

### 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	3.73	3.04	4.30	1979	21	11.20	1979	.54	1981	11.0	6.9	2.4	.7	.92	1.27	1.81	2.30	2.78	3.28	3.84	4.51	5.39	6.77	8.07	
Feb	2.92	2.64	2.30	1972	3	6.65	1972	.43	1987	9.8	6.1	1.8	.7	.97	1.25	1.65	2.00	2.33	2.67	3.04	3.48	4.04	4.91	5.72	
Mar	4.15	3.99	4.20	1977	22	9.21	1983	.69	1981	11.1	7.5	2.9	1.0	1.47	1.86	2.43	2.90	3.36	3.83	4.34	4.93	5.69	6.87	7.95	
Apr	3.99	3.45	5.28	1996	16	10.72	1983	.69	1985	10.3	6.6	2.3	1.2	1.10	1.47	2.05	2.55	3.04	3.56	4.13	4.81	5.69	7.07	8.35	
May	4.03	3.35	3.21	1968	29	9.53	1989	.41	1986	11.4	7.6	2.8	1.0	1.11	1.49	2.07	2.58	3.08	3.60	4.17	4.86	5.75	7.14	8.45	
Jun	3.57	2.69	6.18	1972	19	17.70	1972	.39	1971	10.7	6.4	2.0	.7	.51	.80	1.31	1.81	2.33	2.90	3.56	4.36	5.45	7.23	8.94	
Jul	3.77	3.07	5.95	1971	19	12.84	1971	.47	1979	8.5	5.8	2.3	1.2	.58	.90	1.45	1.97	2.51	3.10	3.77	4.60	5.71	7.51	9.23	
Aug	3.75	3.52	4.66	1991	19	8.38	1992	.72	1981	9.2	5.9	2.3	1.0	.82	1.17	1.72	2.22	2.71	3.25	3.84	4.56	5.50	7.00	8.42	
Sep	3.58	3.34	4.46	1960	12	7.26	1977	.60	1997	8.6	5.9	2.5	.8	.95	1.29	1.81	2.26	2.71	3.18	3.70	4.31	5.12	6.38	7.56	
Oct	3.54	3.24	4.76	1955	15	7.78	1996	.42	2000	8.2	5.6	2.4	.9	1.00	1.33	1.84	2.28	2.72	3.17	3.67	4.26	5.02	6.23	7.35	
Nov	3.65	3.20	3.12	1954	2	10.22	1972	.36	1976	9.8	6.0	2.7	.9	.89	1.24	1.77	2.24	2.71	3.21	3.76	4.42	5.28	6.64	7.92	
Dec	3.47	3.43	3.69	1968	4	7.87	1972	.83	1989	11.4	6.8	2.4	.8	.94	1.27	1.77	2.21	2.64	3.09	3.59	4.18	4.95	6.16	7.29	
Ann	44.15	42.20	6.18	Jun 1972	19	17.70	Jun 1972	.36	Nov 1976	120.0	77.1	28.8	10.9	30.99	33.52	36.78	39.25	41.45	43.58	45.79	48.23	51.19	55.49	59.21	

+ 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](http://www.ncdc.noaa.gov/oa/climate/normals/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

Station: BRIDGEPORT SIKORSKY AP, CT

COOP ID: 060806

Climate Division: CT 3

NWS Call Sign: BDR

Elevation: 5 Feet

Lat: 41°10N

Lon: 73°08W

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	8.5	6.1	2	1	15.7	1978	20	28.1	1978	20+	1996	11	7	1996	5.3	2.4	.8	.5	@	10.9	6.8	4.0	1.0
Feb	7.2	5.8	1	1	12.6	1994	11	27.9	1994	20	1994	12	6+	1994	4.4	2.0	.7	.4	.1	8.1	4.6	2.5	.7
Mar	4.3	3.1	#	1	10.6	1993	13	13.7	1993	9+	1993	15	1+	1996	2.5	1.4	.6	.2	@	3.4	1.6	.4	.0
Apr	.9	.0	#	0	6.0	1982	6	11.8	1996	6+	1982	8	1	1982	.4	.3	.2	@	.0	.2	.2	.1	.0
May	#	.0	#	0	#	1977	9	#	1977	0	0	0	#	1995	.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	#	1990	13	#	1990	.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	.5	1987	4	.5	1987	#+	1987	4	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Nov	.7	.0	#	0	6.2	1989	23	6.6	1989	5+	1989	24	#	1995	.7	.2	@	@	.0	.4	.1	.1	.0
Dec	3.2	2.4	#	0	7.1	1990	28	13.8	1995	10	1995	21	2	1995	2.9	1.0	.3	.1	.0	3.4	1.2	.7	@
Ann	24.8	17.4	N/A	N/A	15.7	Jan 1978	20	28.1	Jan 1978	20+	Jan 1996	11	7	Jan 1996	16.2	7.3	2.6	1.2	.1	26.4	14.5	7.8	1.7

+ 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)



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## No. 20 1971-2000

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COOP ID: 060806

Climate Division: CT 3

NWS Call Sign: BDR

Elevation: 5 Feet

Lat: 41° 10N

Lon: 73° 08W

<b>Freeze Data</b>									
<b>Spring Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of later date in spring (thru Jul 31) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	5/01	4/27	4/25	4/23	4/20	4/18	4/16	4/14	4/10
<b>32</b>	4/22	4/18	4/15	4/13	4/11	4/08	4/06	4/03	3/30
<b>28</b>	4/07	4/03	4/01	3/29	3/27	3/25	3/22	3/20	3/16
<b>24</b>	4/02	3/28	3/25	3/23	3/20	3/18	3/15	3/12	3/08
<b>20</b>	3/24	3/19	3/15	3/11	3/08	3/05	3/02	2/26	2/20
<b>16</b>	3/17	3/11	3/07	3/03	2/28	2/24	2/20	2/16	2/10
<b>Fall Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of earlier date in fall (beginning Aug 1) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	10/03	10/08	10/12	10/15	10/18	10/21	10/24	10/27	11/01
<b>32</b>	10/20	10/25	10/29	11/01	11/04	11/07	11/10	11/14	11/19
<b>28</b>	11/04	11/09	11/13	11/16	11/19	11/22	11/26	11/29	12/05
<b>24</b>	11/14	11/20	11/23	11/27	11/30	12/02	12/06	12/09	12/15
<b>20</b>	11/22	11/29	12/03	12/07	12/11	12/15	12/18	12/23	12/29
<b>16</b>	12/06	12/11	12/15	12/18	12/21	12/25	12/28	1/01	1/06
<b>Freeze Free Period</b>									
<b>Temp (F)</b>	<b>Probability of longer than indicated freeze free period (Days)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	198	192	187	183	179	176	172	167	161
<b>32</b>	225	219	214	210	207	203	199	195	189
<b>28</b>	257	250	245	241	237	232	228	223	216
<b>24</b>	273	266	261	257	254	250	246	241	235
<b>20</b>	303	294	288	282	277	272	266	260	251
<b>16</b>	318	310	305	300	296	292	287	282	275

\* 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

Station: BRIDGEPORT SIKORSKY AP, CT

COOP ID: 060806

Climate Division: CT 3

NWS Call Sign: BDR

Elevation: 5 Feet

Lat: 41° 10N

Lon: 73° 08W

### Degree Days to Selected Base Temperatures (°F)

Base	Heating Degree Days (1)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Below 65	1089	943	803	489	207	32	2	4	68	320	591	918	5466
60	934	789	638	336	94	4	0	0	9	194	449	773	4220
57	841	705	545	250	50	1	0	0	2	130	361	680	3565
55	779	649	483	195	30	0	0	0	1	96	304	618	3155
50	624	509	329	84	5	0	0	0	0	37	176	471	2235
32	167	105	15	0	0	0	0	0	0	0	2	85	374

### Cooling Degree Days (1)

Base	Cooling Degree Days (1)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Above 32	83	92	246	502	838	1083	1303	1274	1012	709	401	164	7707
55	0	0	2	19	152	393	590	561	325	88	12	0	2142
57	0	0	1	11	111	334	528	499	270	60	7	0	1821
60	0	0	0	5	65	249	435	407	192	31	2	0	1386
65	0	0	0	1	21	125	286	258	91	7	0	0	789
70	0	0	0	0	5	43	142	125	31	1	0	0	347

### 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	14	21	84	275	600	853	1066	1034	780	471	194	46	14	35	119	394	994	1847	2913	3947	4727	5198	5392	5438
45	1	2	33	148	445	703	911	879	630	323	104	17	1	3	36	184	629	1332	2243	3122	3752	4075	4179	4196
50	0	0	6	62	294	553	756	724	480	190	45	1	0	0	6	68	362	915	1671	2395	2875	3065	3110	3111
55	0	0	3	22	160	403	601	569	335	93	12	0	0	0	3	25	185	588	1189	1758	2093	2186	2198	2198
60	0	0	0	3	67	258	446	414	197	34	1	0	0	0	0	3	70	328	774	1188	1385	1419	1420	1420
Base	Growing Degree Units for Corn (Monthly)												Growing Degree Units for Corn (Accumulated Monthly)											
50/86	0	7	39	126	317	547	738	719	489	248	83	14	0	7	46	172	489	1036	1774	2493	2982	3230	3313	3327

(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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20

### 1971-2000

**Station: BURLINGTON, CT**

**COOP ID: 060973**

**Climate Division: CT 2**

**NWS Call Sign:**

**Elevation: 510 Feet**

**Lat: 41° 48N**

**Lon: 72° 56W**

### 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	35.2	14.1	24.7	64+	1966	1	34.0	1990	-18	1984	22	15.2	1982	1251	0	.0	.0	2.6	12.7	29.6	3.6
Feb	37.7	16.1	26.9	70	1985	25	35.1	1998	-13	1971	1	17.1	1979	1067	0	.0	.0	3.2	9.2	26.5	2.0
Mar	46.6	24.9	35.8	83	1998	29	41.1	2000	-6	1967	19	29.2	1984	907	0	.0	.0	10.6	2.8	25.0	.2
Apr	58.1	35.3	46.7	93	1976	20	50.3	1994	13	1969	1	41.8	1975	549	0	.0	.1	23.4	.2	11.7	.0
May	69.6	45.7	57.7	95+	1962	20	63.0	1991	26	1966	11	54.4+	1974	240	12	.0	.5	30.6	.0	.6	.0
Jun	77.8	54.6	66.2	97	1966	28	70.8	1999	27	1972	11	61.7	1985	57	92	.0	1.6	30.0	.0	@	.0
Jul	82.7	59.7	71.2	100+	1991	21	75.3	1999	40+	1995	3	65.5	2000	8	200	.1	3.6	31.0	.0	.0	.0
Aug	80.6	58.1	69.4	98	1975	3	72.6	1988	35	1965	30	66.0	2000	17	152	.0	1.8	31.0	.0	.0	.0
Sep	72.9	50.2	61.6	95	1983	12	65.9	1999	24	1991	22	58.0	1975	130	26	.0	.5	30.0	.0	.4	.0
Oct	62.1	38.4	50.3	88	1963	8	56.3	1990	19	1988	31	46.2	1987	458	1	.0	.0	28.9	.0	8.1	.0
Nov	51.1	30.9	41.0	80	1982	3	45.9	1999	1	1987	22	36.7+	1976	720	0	.0	.0	15.9	.8	19.3	.0
Dec	39.9	21.0	30.5	75	1998	8	38.2	1998	-13	1980	26	18.3	1989	1071	0	.0	.0	5.1	7.5	27.9	.9
Ann	59.5	37.4	48.5	100+	1991	21	75.3	1999	-18	1984	22	15.2	1982	6475	483	.1	8.1	242.3	33.2	149.1	6.7

+ 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: 1937-2001

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

# Climatology of the United States

## No. 20 1971-2000

Station: BURLINGTON, CT

COOP ID: 060973

Climate Division: CT 2

NWS Call Sign:

Elevation: 510 Feet

Lat: 41°48N

Lon: 72°56W

### 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	4.30	4.12	3.39	1940	14	12.11	1979	.56	1981	10.2	6.9	2.9	1.3	.85	1.24	1.87	2.45	3.03	3.66	4.38	5.23	6.37	8.19	9.93
Feb	3.30	3.13	2.84	1981	21	10.26	1981	.38	1987	8.7	6.3	2.3	.8	.92	1.23	1.70	2.12	2.52	2.95	3.42	3.97	4.69	5.82	6.88
Mar	4.61	3.95	4.79	1980	22	10.85	1983	.50	1981	10.5	7.3	3.0	1.3	1.43	1.87	2.52	3.08	3.62	4.18	4.80	5.52	6.46	7.92	9.27
Apr	4.39	3.78	3.63	1945	26	11.48	1983	.66	1999	10.8	7.3	2.7	1.3	1.21	1.62	2.25	2.81	3.35	3.91	4.54	5.28	6.25	7.76	9.18
May	4.65	4.00	3.60	1984	30	12.58	1984	.71	1993	11.4	7.8	3.1	1.1	1.31	1.75	2.42	3.00	3.56	4.16	4.82	5.59	6.60	8.18	9.65
Jun	4.20	3.72	6.13	1982	6	12.80	1982	.19	1999	10.2	6.2	2.5	1.4	.50	.82	1.41	2.00	2.62	3.32	4.13	5.13	6.50	8.74	10.93
Jul	4.31	4.23	3.85	1998	1	8.40	1996	1.63	1983	9.7	6.8	2.8	1.0	1.69	2.09	2.66	3.13	3.57	4.02	4.51	5.08	5.80	6.90	7.90
Aug	4.67	4.13	12.77	1955	19	10.99	1990	.74	1981	9.7	7.1	2.7	1.1	1.19	1.63	2.31	2.91	3.50	4.12	4.82	5.64	6.71	8.40	9.99
Sep	4.80	3.84	7.77	1999	17	14.91	1999	.79	1986	9.2	6.4	2.9	1.5	.90	1.33	2.03	2.68	3.34	4.06	4.87	5.84	7.14	9.23	11.21
Oct	4.47	4.01	4.71	1996	20	11.67	1995	1.03	1978	8.3	5.9	2.8	1.4	1.03	1.44	2.10	2.68	3.27	3.89	4.58	5.41	6.51	8.24	9.87
Nov	4.58	4.50	4.40	1992	23	10.21	1988	.36	1976	9.5	6.2	3.2	1.5	1.42	1.86	2.50	3.06	3.59	4.15	4.76	5.48	6.41	7.85	9.19
Dec	3.99	3.85	4.20	1948	31	9.77	1973	.82	1980	10.2	6.6	2.8	1.2	1.05	1.43	2.01	2.52	3.02	3.54	4.12	4.82	5.72	7.14	8.46
Ann	52.27	49.42	12.77	Aug 1955	19	14.91	Sep 1999	.19	Jun 1999	118.4	80.8	33.7	14.9	39.74	42.23	45.38	47.74	49.83	51.83	53.89	56.15	58.87	62.79	66.15

+ 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: 1937-2001

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

Complete documentation available from:  
[www.ncdc.noaa.gov/oa/climate/normal/usnormals.html](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

Station: BURLINGTON, CT

COOP ID: 060973

Climate Division: CT 2

NWS Call Sign:

Elevation: 510 Feet

Lat: 41°48N

Lon: 72°56W

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	9.8	9.6	1	0	15.0	1983	16	25.0	1978	13	1994	19	9	1994	2.2	1.8	1.0	.6	.1	-9.9	-9.9	-9.9	-9.9
Feb	8.5	5.1	2	0	20.0	1983	12	29.5	1983	18	1972	26	10	1994	2.2	1.7	.9	.4	.1	-9.9	-9.9	-9.9	-9.9
Mar	4.4	1.0	1	0	7.0	1984	29	23.5	1984	18	1994	4	6+	1994	1.6	1.4	.8	.4	.0	-9.9	-9.9	-9.9	-9.9
Apr	.6	.0	0	0	8.0	1971	7	8.0	1971	0	0	0	0	0	.3	.2	.1	.1	.0	.0	.0	.0	.0
May	.0	.0	0	0	.5	1977	9	.5	1977	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	.2	.0	0	0	3.5	1979	11	3.5	1979	0	0	0	0	0	@	@	@	.0	.0	.0	.0	.0	.0
Nov	1.0	.0	#	0	6.5	1980	18	7.0	1987	15	1971	26	1	1971	.3	.2	.1	.1	.0	.1	.0	.0	.0
Dec	3.3	4.0	1	0	7.0	1975	21	7.0	1974	14	1992	14	6	1978	1.9	1.4	.7	.1	.0	-9.9	-9.9	-9.9	-9.9
Ann	27.8	19.7	N/A	N/A	20.0	Feb 1983	12	29.5	Feb 1983	18+	Mar 1994	4	10	Feb 1994	8.5	6.7	3.6	1.7	.2	-9.9	-9.9	-9.9	-9.9

+ 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatography of the United States

## No. 20 1971-2000

Station: BURLINGTON, CT

COOP ID: 060973

Climate Division: CT 2

NWS Call Sign:

Elevation: 510 Feet

Lat: 41° 48N

Lon: 72° 56W

<b>Freeze Data</b>									
<b>Spring Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of later date in spring (thru Jul 31) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	5/26	5/21	5/17	5/14	5/11	5/09	5/06	5/02	4/27
<b>32</b>	5/18	5/12	5/07	5/04	4/30	4/27	4/23	4/19	4/13
<b>28</b>	5/04	4/29	4/25	4/21	4/18	4/15	4/11	4/07	4/02
<b>24</b>	4/17	4/12	4/09	4/06	4/04	4/01	3/30	3/26	3/22
<b>20</b>	4/08	4/03	3/31	3/28	3/26	3/23	3/21	3/18	3/13
<b>16</b>	4/01	3/27	3/23	3/20	3/17	3/15	3/11	3/08	3/03
<b>Fall Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of earlier date in fall (beginning Aug 1) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	9/19	9/22	9/25	9/27	9/28	9/30	10/02	10/05	10/08
<b>32</b>	9/26	9/30	10/04	10/07	10/10	10/12	10/15	10/19	10/24
<b>28</b>	10/03	10/09	10/13	10/17	10/20	10/23	10/27	10/31	11/06
<b>24</b>	10/19	10/26	10/30	11/03	11/07	11/10	11/14	11/19	11/25
<b>20</b>	10/31	11/06	11/11	11/15	11/19	11/23	11/27	12/01	12/08
<b>16</b>	11/17	11/22	11/26	11/30	12/03	12/06	12/10	12/14	12/19
<b>Freeze Free Period</b>									
<b>Temp (F)</b>	<b>Probability of longer than indicated freeze free period (Days)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	154	149	145	142	139	136	133	130	125
<b>32</b>	185	177	171	166	161	157	152	146	138
<b>28</b>	210	201	195	189	184	179	174	168	159
<b>24</b>	242	233	227	221	216	211	205	199	190
<b>20</b>	263	254	248	242	237	232	227	220	212
<b>16</b>	285	276	270	265	260	255	250	243	235

\* 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

**Station: BURLINGTON, CT**

**COOP ID: 060973**

**Climate Division: CT 2**

**NWS Call Sign:**

**Elevation: 510 Feet**

**Lat: 41° 48N**

**Lon: 72° 56W**

### 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
65	1251	1067	907	549	240	57	8	17	130	458	720	1071	6475
60	1096	927	752	400	123	14	0	1	47	311	570	916	5157
57	1003	843	659	313	72	4	0	0	21	231	480	823	4449
55	941	787	597	258	47	2	0	0	11	183	421	761	4008
50	786	647	443	141	11	0	0	0	1	90	280	608	3007
32	289	197	56	1	0	0	0	0	0	0	12	169	724

Base	Cooling Degree Days (1)												
	Above	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
32	61	55	173	442	795	1025	1215	1158	886	566	282	121	6779
55	0	0	0	10	129	337	502	445	207	36	1	0	1667
57	0	0	0	4	92	279	440	383	157	22	0	0	1377
60	0	0	0	1	50	199	347	291	93	8	0	0	989
65	0	0	0	0	12	92	200	152	26	1	0	0	483
70	0	0	0	0	2	28	85	56	3	0	0	0	174

### 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	6	10	62	226	555	787	972	913	652	329	115	21	6	16	78	304	859	1646	2618	3531	4183	4512	4627	4648
45	0	1	25	121	403	637	817	758	502	198	55	4	0	1	26	147	550	1187	2004	2762	3264	3462	3517	3521
50	0	0	8	57	257	487	662	603	352	98	22	0	0	0	8	65	322	809	1471	2074	2426	2524	2546	2546
55	0	0	4	25	142	345	507	449	220	42	5	0	0	0	4	29	171	516	1023	1472	1692	1734	1739	1739
60	0	0	1	7	66	208	354	298	121	13	1	0	0	0	1	8	74	282	636	934	1055	1068	1069	1069
Base	Growing Degree Units for Corn (Monthly)												Growing Degree Units for Corn (Accumulated Monthly)											
50/86	2	8	49	143	325	499	645	600	397	202	70	12	2	10	59	202	527	1026	1671	2271	2668	2870	2940	2952

(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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20

### 1971-2000

**Station: DANBURY, CT**

**COOP ID: 061762**

**Climate Division: CT 2**

**NWS Call Sign:**

**Elevation: 405 Feet**

**Lat: 41° 24N**

**Lon: 73° 25W**

### 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	35.4	17.6	26.5	71	1950	26	35.0	1990	-18	1994	27	17.6	1994	1194	0	.0	.0	2.8	12.1	28.5	2.1
Feb	38.6	19.3	29.0	77	1954	16	35.6	1998	-10+	1967	13	19.2	1979	1010	0	.0	.0	4.4	7.9	24.9	1.1
Mar	48.1	27.4	37.8	92	1998	31	44.0	2000	-9	1967	19	31.5	1984	844	0	.0	@	13.3	1.7	21.9	.1
Apr	59.6	36.4	48.0	94	1976	18	53.2	1991	14	1982	7	43.4	1975	509	0	.0	.2	25.6	@	9.1	.0
May	70.9	46.7	58.8	97	1986	19	66.8	1991	26	1996	14	55.1	1996	220	29	.0	1.1	30.9	.0	.8	.0
Jun	79.3	55.7	67.5	98+	1991	28	72.5	1999	36+	1957	10	62.8	1985	46	121	.0	2.7	30.0	.0	.0	.0
Jul	83.9	61.0	72.5	106	1995	15	78.2	1999	40	1978	3	69.1	1976	11	242	.5	5.4	31.0	.0	.0	.0
Aug	81.4	59.2	70.3	103	2001	9	74.4	1998	38+	1965	30	66.8	1982	9	173	.0	2.9	31.0	.0	.0	.0
Sep	73.0	51.2	62.1	100	1953	2	66.8	1998	28+	1951	30	58.6	1984	119	31	.0	.6	30.0	.0	.1	.0
Oct	62.0	39.7	50.9	89	1949	10	56.9	1971	19+	1948	19	46.9	1988	439	1	.0	.0	29.5	.0	6.6	.0
Nov	50.7	32.0	41.4	82	1950	2	47.6	1975	10+	1993	26	34.7	1996	711	0	.0	.0	16.6	.5	15.6	.0
Dec	39.6	22.8	31.2	76	1998	7	36.7	1982	-11	1980	26	18.1	1989	1047	0	.0	.0	5.0	6.1	26.1	.3
Ann	60.2	39.1	49.7	106	Jul 1995	15	78.2	Jul 1999	-18	Jan 1994	27	17.6	Jan 1994	6159	597	.5	12.9	250.1	28.3	133.6	3.6

+ 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: 1948-2001

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



# Climatology of the United States

## No. 20 1971-2000

Station: DANBURY, CT

COOP ID: 061762

Climate Division: CT 2

NWS Call Sign:

Elevation: 405 Feet

Lat: 41°24N

Lon: 73°25W

### 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	4.22	4.18	3.75	1986	26	11.34	1979	.51	1981	11.1	7.6	2.7	1.0	.97	1.36	1.97	2.53	3.08	3.67	4.33	5.11	6.15	7.79	9.34
Feb	3.08	2.82	3.26	1973	2	8.38	1981	.42	1987	9.6	6.4	2.0	.7	1.00	1.29	1.72	2.09	2.45	2.81	3.21	3.68	4.29	5.23	6.10
Mar	4.45	4.13	3.29	1983	19	11.28	1983	.51	1981	11.3	7.6	2.9	1.1	1.31	1.73	2.37	2.92	3.45	4.01	4.62	5.34	6.28	7.74	9.10
Apr	4.27	3.44	3.46	1984	5	11.69	1983	.93	1985	11.7	7.6	2.9	.9	1.39	1.79	2.39	2.90	3.39	3.90	4.45	5.10	5.94	7.24	8.45
May	4.69	4.46	3.62	1999	19	12.69	1984	.67	1986	12.3	8.2	3.3	1.1	1.15	1.59	2.27	2.88	3.49	4.12	4.83	5.68	6.79	8.54	10.18
Jun	4.26	3.51	4.44	2001	17	11.65	1972	.92	1988	11.1	7.8	2.7	1.0	1.12	1.52	2.14	2.68	3.22	3.78	4.40	5.14	6.11	7.63	9.05
Jul	4.61	4.19	5.81	1992	16	9.33	1996	1.56	1979	10.1	6.5	2.7	1.3	1.61	2.05	2.68	3.21	3.72	4.25	4.82	5.48	6.34	7.65	8.87
Aug	4.49	4.18	4.53	1955	19	9.95	1976	.43	1981	9.2	6.6	2.9	1.3	1.30	1.73	2.37	2.93	3.47	4.04	4.66	5.40	6.36	7.85	9.24
Sep	4.99	4.06	9.55	1999	16	14.99	1999	.99	1972	9.2	6.1	2.9	1.4	1.03	1.48	2.21	2.88	3.56	4.28	5.09	6.07	7.37	9.44	11.40
Oct	4.18	3.64	6.10	1955	16	10.81	1995	.98	2000	8.5	6.1	2.8	1.2	1.14	1.53	2.14	2.66	3.18	3.72	4.32	5.03	5.96	7.41	8.76
Nov	4.45	4.26	4.00	1992	23	8.22	1992	.86	1976	9.7	6.8	3.0	1.6	1.59	2.01	2.61	3.12	3.61	4.11	4.65	5.29	6.10	7.35	8.50
Dec	4.08	3.75	4.12	1983	13	10.21	1973	.52	1980	11.3	7.1	2.8	1.2	.99	1.37	1.96	2.49	3.02	3.57	4.20	4.93	5.90	7.44	8.88
Ann	51.77	50.43	9.55	Sep 1999	16	14.99	Sep 1999	.42	Feb 1987	125.1	84.4	33.6	13.8	39.61	42.04	45.10	47.41	49.43	51.38	53.38	55.58	58.22	62.02	65.28

+ 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/normal/usnormals.html](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

Station: DANBURY, CT

COOP ID: 061762

Climate Division: CT 2

NWS Call Sign:

Elevation: 405 Feet

Lat: 41°24N

Lon: 73°25W

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	11.9	10.0	3	2	14.5	1996	8	38.3	1996	36	1996	12	17	1996	5.2	3.8	1.4	.4	.1	13.9	9.7	7.5	1.6
Feb	11.0	9.2	3	3	24.0	1983	12	30.0	1983	28	1983	12	17	1978	4.3	3.0	1.2	.6	.2	12.7	8.7	5.8	1.7
Mar	6.7	5.8	1	#	17.0	1993	14	28.7	1993	19	1993	15	7	1978	3.2	2.3	.9	.3	@	5.0	2.8	1.3	.2
Apr	1.8	.1	#	#	10.0	1982	6	10.2	1996	10	1982	7	1	1982	.8	.4	.2	.1	@	.5	.2	.2	.1
May	.0	.0	#	0	1.0	1977	9	1.0	1977	#	1998	31	#	1998	@	@	.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	#	1996	9	#	1996	.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	.2	.0	#	0	3.0	1979	10	3.0	1979	3	1979	10	#	1979	.1	.1	@	.0	.0	@	@	.0	.0
Nov	1.1	.1	#	#	5.5	1971	25	5.5	1971	5	1971	25	1	1971	.8	.5	.1	@	.0	.9	.3	@	.0
Dec	6.1	5.0	1	#	13.4	2000	30	17.6	2000	18	1995	21	6	1995	3.4	2.2	.7	.3	@	7.1	2.9	1.5	.6
Ann	38.8	30.2	N/A	N/A	24.0	Feb 1983	12	38.3	Jan 1996	36	Jan 1996	12	17+	Jan 1996	17.8	12.3	4.5	1.7	.3	40.1	24.6	16.3	4.2

+ 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

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

Station: DANBURY, CT

COOP ID: 061762

Climate Division: CT 2

NWS Call Sign:

Elevation: 405 Feet

Lat: 41° 24N

Lon: 73° 25W

<b>Freeze Data</b>									
<b>Spring Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of later date in spring (thru Jul 31) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	5/26	5/22	5/18	5/15	5/13	5/10	5/07	5/04	4/29
<b>32</b>	5/15	5/10	5/07	5/04	5/01	4/28	4/25	4/21	4/16
<b>28</b>	4/29	4/24	4/21	4/18	4/15	4/13	4/10	4/07	4/02
<b>24</b>	4/14	4/10	4/07	4/04	4/02	3/31	3/28	3/25	3/21
<b>20</b>	4/08	4/03	3/31	3/28	3/25	3/23	3/20	3/16	3/12
<b>16</b>	3/29	3/23	3/19	3/16	3/12	3/09	3/06	3/02	2/24
<b>Fall Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of earlier date in fall (beginning Aug 1) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	9/15	9/19	9/22	9/24	9/26	9/28	9/30	10/03	10/07
<b>32</b>	9/26	10/01	10/04	10/06	10/09	10/11	10/14	10/17	10/22
<b>28</b>	10/05	10/11	10/15	10/18	10/22	10/25	10/29	11/02	11/08
<b>24</b>	10/16	10/23	10/27	10/31	11/04	11/08	11/12	11/16	11/23
<b>20</b>	10/30	11/06	11/11	11/15	11/19	11/23	11/27	12/02	12/09
<b>16</b>	11/19	11/24	11/28	12/01	12/04	12/07	12/10	12/14	12/20
<b>Freeze Free Period</b>									
<b>Temp (F)</b>	<b>Probability of longer than indicated freeze free period (Days)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	152	147	142	139	136	132	129	125	119
<b>32</b>	181	174	169	165	160	156	152	147	140
<b>28</b>	213	205	199	194	189	184	179	173	164
<b>24</b>	239	231	225	220	215	211	206	200	192
<b>20</b>	262	254	248	243	238	233	228	222	214
<b>16</b>	291	282	276	271	266	261	256	250	241

\* 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

**Station: DANBURY, CT**

**COOP ID: 061762**

**Climate Division: CT 2**

**NWS Call Sign:**

**Elevation: 405 Feet**

**Lat: 41° 24N**

**Lon: 73° 25W**

### Degree Days to Selected Base Temperatures (°F)

Base	Heating Degree Days (1)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Below													
65	1194	1010	844	509	220	46	11	9	119	439	711	1047	6159
60	1039	870	689	361	117	11	0	0	43	294	561	892	4877
57	946	786	596	276	71	3	0	0	19	217	471	799	4184
55	884	730	534	222	48	1	0	0	10	171	413	737	3750
50	729	590	386	111	14	0	0	0	1	83	276	585	2775
32	249	171	43	0	0	0	0	0	0	0	16	153	632

Base	Cooling Degree Days (1)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Above													
32	78	85	222	481	832	1065	1254	1187	902	586	295	129	7116
55	0	0	0	13	167	377	541	474	223	44	2	0	1841
57	0	0	0	6	128	319	479	412	172	27	1	0	1544
60	0	0	0	2	80	237	386	319	105	12	0	0	1141
65	0	0	0	0	29	121	242	173	31	1	0	0	597
70	0	0	0	0	7	46	124	65	4	0	0	0	246

### 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	10	19	85	278	609	845	1024	967	689	369	146	32	10	29	114	392	1001	1846	2870	3837	4526	4895	5041	5073
45	1	5	40	156	454	695	869	812	539	230	73	9	1	6	46	202	656	1351	2220	3032	3571	3801	3874	3883
50	0	0	14	75	305	545	714	657	390	124	32	2	0	0	14	89	394	939	1653	2310	2700	2824	2856	2858
55	0	0	4	30	172	395	559	502	252	55	10	0	0	0	4	34	206	601	1160	1662	1914	1969	1979	1979
60	0	0	3	14	84	255	405	348	138	16	1	0	0	0	3	17	101	356	761	1109	1247	1263	1264	1264
Base	Growing Degree Units for Corn (Monthly)												Growing Degree Units for Corn (Accumulated Monthly)											
50/86	4	13	59	169	363	547	689	651	426	215	79	14	4	17	76	245	608	1155	1844	2495	2921	3136	3215	3229

(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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20

### 1971-2000

**Station: FALLS VILLAGE, CT**

**COOP ID: 062658**

**Climate Division: CT 1**

**NWS Call Sign:**

**Elevation: 550 Feet**

**Lat: 41° 57N**

**Lon: 73° 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	35.0	13.3	24.2	69	1950	26	33.3	1990	-30	1961	22	15.3	1994	1267	0	.0	.0	2.5	12.6	29.8	5.1
Feb	38.3	15.5	26.9	72	1954	16	34.7	1984	-22	1971	1	16.7	1979	1067	0	.0	.0	3.4	8.9	26.4	3.8
Mar	47.7	24.1	35.9	88	1998	31	41.1	2000	-11	1950	4	30.5	1984	902	0	.0	.0	11.8	2.1	25.5	.3
Apr	59.8	33.6	46.7	93	1990	29	51.0	1991	6	1954	4	40.9	1975	549	0	.0	.1	24.9	@	14.8	.0
May	71.9	44.1	58.0	94	2000	9	63.3	1991	20	1970	7	53.7	1997	233	16	.0	.6	30.8	.0	2.8	.0
Jun	79.0	52.8	65.9	98	1952	26	69.1	1976	31	2001	1	62.2	1980	50	77	.0	1.7	30.0	.0	.1	.0
Jul	83.6	57.6	70.6	100	1991	20	74.1	1999	37	1979	7	67.0	2000	6	180	@	4.9	31.0	.0	.0	.0
Aug	81.5	56.4	69.0	100+	1948	26	72.6	1988	32	1976	31	66.2	1976	17	140	.0	2.3	31.0	.0	@	.0
Sep	73.5	48.8	61.2	101	1953	2	64.4	1980	24+	1950	25	57.4	1976	139	24	.0	.4	30.0	.0	1.1	.0
Oct	62.4	36.9	49.7	86	1949	10	55.5	1971	14+	1948	22	44.9	1974	477	1	.0	.0	28.9	.0	11.4	.0
Nov	50.1	29.0	39.6	81	1982	2	43.9	1999	5+	1989	24	35.2	1976	763	0	.0	.0	14.6	.6	20.2	.0
Dec	39.1	19.3	29.2	72	1998	7	35.6	1984	-16+	1963	31	16.6	1989	1109	0	.0	.0	4.4	7.1	28.6	1.7
Ann	60.2	36.0	48.1	101	Sep 1953	2	74.1	Jul 1999	-30	Jan 1961	22	15.3	Jan 1994	6579	438	@	10.0	243.3	31.3	160.7	10.9

+ 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: 1948-2001

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

# Climatology of the United States

## No. 20 1971-2000

Station: FALLS VILLAGE, CT

COOP ID: 062658

Climate Division: CT 1

NWS Call Sign:

Elevation: 550 Feet

Lat: 41°57N

Lon: 73°22W

### 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	3.54	3.45	2.80	1949	1	9.85	1979	.70	1985	11.5	6.9	2.4	.8	.90	1.24	1.75	2.20	2.65	3.12	3.65	4.27	5.08	6.37	7.57
Feb	2.66	2.61	1.97	1973	3	8.16	1981	.17	1987	9.7	6.2	1.6	.5	.81	1.06	1.44	1.76	2.08	2.41	2.77	3.19	3.74	4.59	5.38
Mar	3.62	3.49	2.60	1980	22	7.40	1977	.40	1981	11.2	7.4	2.4	.6	1.31	1.65	2.14	2.55	2.94	3.34	3.78	4.29	4.93	5.93	6.85
Apr	3.77	3.71	3.09	1987	5	8.05	1983	.77	1978	11.9	7.4	2.6	.9	1.33	1.69	2.20	2.63	3.05	3.47	3.94	4.48	5.17	6.23	7.21
May	4.26	3.89	3.89	1999	20	11.69	1984	1.15	1980	13.3	8.4	2.8	.7	1.45	1.86	2.45	2.94	3.42	3.91	4.45	5.07	5.88	7.12	8.26
Jun	4.17	3.64	4.15	1986	6	10.35	2000	.50	1988	11.8	7.3	2.7	1.1	.81	1.18	1.79	2.36	2.93	3.54	4.24	5.07	6.19	7.97	9.67
Jul	4.41	3.60	6.02	2000	15	10.91	2000	1.39	1983	11.0	7.1	3.1	1.2	1.17	1.59	2.22	2.78	3.34	3.91	4.56	5.32	6.31	7.87	9.33
Aug	4.37	4.23	9.50	1955	19	9.72	1990	.71	1981	10.6	7.3	3.1	1.0	1.27	1.69	2.31	2.86	3.38	3.93	4.54	5.25	6.18	7.63	8.98
Sep	3.98	3.26	4.76	1999	16	9.75	1999	.97	1986	10.5	6.4	2.6	1.2	1.01	1.39	1.96	2.48	2.98	3.51	4.10	4.81	5.72	7.17	8.53
Oct	3.81	3.31	3.90	1995	28	11.74	1995	1.62	1994	10.1	6.7	2.5	1.0	1.36	1.72	2.24	2.67	3.09	3.52	3.98	4.52	5.22	6.28	7.26
Nov	3.74	3.34	2.35	1995	12	7.73	1988	.85	1976	12.0	7.4	2.4	.9	1.50	1.85	2.34	2.74	3.12	3.50	3.92	4.40	5.01	5.95	6.80
Dec	3.49	3.26	3.70	1948	31	9.57	1973	.83	1989	11.7	6.6	2.4	.7	.89	1.22	1.73	2.18	2.62	3.08	3.60	4.21	5.01	6.27	7.46
Ann	45.82	44.57	9.50	Aug 1955	19	11.74	Oct 1995	.17	Feb 1987	135.3	85.1	30.6	10.6	35.51	37.57	40.17	42.12	43.84	45.48	47.17	49.02	51.24	54.44	57.17

+ 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: 1948-2001

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

Complete documentation available from:  
[www.ncdc.noaa.gov/oa/climate/normals/usnormals.html](http://www.ncdc.noaa.gov/oa/climate/normals/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

Station: FALLS VILLAGE, CT

COOP ID: 062658

Climate Division: CT 1

NWS Call Sign:

Elevation: 550 Feet

Lat: 41°57N

Lon: 73°22W

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	12.6	12.0	5	2	10.0	1996	9	22.3	1984	34	1971	4	27	1996	4.1	3.7	1.4	.8	.1	-9.9	-9.9	-9.9	-9.9
Feb	9.0	7.8	4	2	17.0	1983	12	22.5	1972	26	1971	5	22	1971	3.0	2.5	.9	.4	.1	-9.9	-9.9	-9.9	-9.9
Mar	4.3	4.5	1	#	18.0	1993	14	18.0	1993	22	1993	14	8	1994	2.2	2.0	.7	.3	.1	3.0	1.5	.7	.4
Apr	2.4	.0	#	0	15.0	1971	7	17.7	1971	18	1982	7	1	1982	.4	.4	.2	.2	.1	.7	.3	.2	.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	.1	.0	0	0	3.0	1979	10	3.0	1979	0	0	0	0	0	.1	@	@	.0	.0	.0	.0	.0	.0
Nov	1.3	.0	#	0	10.0	1971	25	16.0	1971	14	1971	26	2	1971	.3	.3	.2	.1	@	.6	.4	.3	.2
Dec	8.5	7.9	1	#	10.0	1981	16	20.2	1981	30	1971	6	6	1971	2.5	2.3	1.0	.3	.1	-9.9	-9.9	-9.9	-9.9
Ann	38.2	32.2	N/A	N/A	18.0	Mar 1993	14	22.5	Feb 1972	34	Jan 1971	4	27	Jan 1996	12.6	11.2	4.4	2.1	.5	-9.9	-9.9	-9.9	-9.9

+ 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatography of the United States

## No. 20 1971-2000

Station: FALLS VILLAGE, CT

COOP ID: 062658

Climate Division: CT 1

NWS Call Sign:

Elevation: 550 Feet

Lat: 41° 57N

Lon: 73° 22W

<b>Freeze Data</b>									
<b>Spring Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of later date in spring (thru Jul 31) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	6/17	6/11	6/06	6/03	5/30	5/27	5/23	5/18	5/12
<b>32</b>	6/01	5/27	5/23	5/19	5/16	5/13	5/10	5/06	5/01
<b>28</b>	5/14	5/10	5/07	5/05	5/02	4/30	4/27	4/24	4/20
<b>24</b>	4/29	4/25	4/22	4/19	4/16	4/14	4/11	4/08	4/03
<b>20</b>	4/17	4/13	4/09	4/07	4/04	4/02	3/30	3/27	3/23
<b>16</b>	4/03	3/30	3/27	3/24	3/22	3/20	3/17	3/15	3/11
<b>Fall Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of earlier date in fall (beginning Aug 1) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	9/03	9/08	9/11	9/14	9/16	9/19	9/21	9/24	9/29
<b>32</b>	9/13	9/18	9/22	9/24	9/27	9/30	10/03	10/06	10/11
<b>28</b>	9/22	9/28	10/01	10/05	10/08	10/11	10/14	10/18	10/23
<b>24</b>	10/07	10/12	10/16	10/18	10/21	10/24	10/27	10/30	11/04
<b>20</b>	10/19	10/24	10/29	11/01	11/05	11/08	11/12	11/16	11/22
<b>16</b>	11/01	11/08	11/13	11/17	11/21	11/24	11/29	12/03	12/10
<b>Freeze Free Period</b>									
<b>Temp (F)</b>	<b>Probability of longer than indicated freeze free period (Days)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	132	124	118	113	108	104	99	93	85
<b>32</b>	154	146	141	137	133	129	125	120	113
<b>28</b>	178	171	166	162	158	154	149	144	137
<b>24</b>	206	199	195	191	187	184	180	175	169
<b>20</b>	238	230	224	218	214	209	204	198	190
<b>16</b>	268	259	253	248	243	238	232	226	218

\* 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)



# Climatology of the United States

## No. 20 1971-2000

**Station: FALLS VILLAGE, CT**

**COOP ID: 062658**

**Climate Division: CT 1**

**NWS Call Sign:**

**Elevation: 550 Feet**

**Lat: 41°57N**

**Lon: 73°22W**

<b>Degree Days to Selected Base Temperatures (°F)</b>													
<b>Base</b>	<b>Heating Degree Days (1)</b>												
<b>Below</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Ann</b>
<b>65</b>	1267	1067	902	549	233	50	6	17	139	477	763	1109	6579
<b>60</b>	1112	927	747	402	121	10	0	1	54	331	613	954	5272
<b>57</b>	1019	843	654	318	73	3	0	0	26	251	523	861	4571
<b>55</b>	957	787	592	265	49	1	0	0	14	203	463	799	4130
<b>50</b>	802	647	439	150	14	0	0	0	2	106	317	644	3121
<b>32</b>	298	215	58	1	0	0	0	0	0	0	15	184	771

<b>Base</b>	<b>Cooling Degree Days (1)</b>												
<b>Above</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Ann</b>
<b>32</b>	54	72	179	442	806	1017	1197	1146	875	547	242	98	6675
<b>55</b>	0	0	0	15	142	328	484	433	199	37	0	0	1638
<b>57</b>	0	0	0	8	104	270	422	371	150	23	0	0	1348
<b>60</b>	0	0	0	3	59	187	329	279	88	10	0	0	955
<b>65</b>	0	0	0	0	16	77	180	140	24	1	0	0	438
<b>70</b>	0	0	0	0	2	17	66	47	2	0	0	0	134

<b>Growing Degree Units (2)</b>																								
<b>Base</b>	<b>Growing Degree Units (Monthly)</b>												<b>Growing Degree Units (Accumulated Monthly)</b>											
	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
<b>40</b>	3	10	61	227	571	789	962	910	644	317	104	18	3	13	74	301	872	1661	2623	3533	4177	4494	4598	4616
<b>45</b>	0	2	23	130	418	639	807	755	494	191	50	3	0	2	25	155	573	1212	2019	2774	3268	3459	3509	3512
<b>50</b>	0	0	9	61	274	489	652	600	346	97	17	0	0	0	9	70	344	833	1485	2085	2431	2528	2545	2545
<b>55</b>	0	0	4	25	158	346	497	446	215	42	4	0	0	0	4	29	187	533	1030	1476	1691	1733	1737	1737
<b>60</b>	0	0	0	8	75	209	345	292	116	8	0	0	0	0	0	8	83	292	637	929	1045	1053	1053	1053
<b>Base</b>	<b>Growing Degree Units for Corn (Monthly)</b>												<b>Growing Degree Units for Corn (Accumulated Monthly)</b>											
<b>50/86</b>	2	10	54	168	368	519	641	602	408	208	68	11	2	12	66	234	602	1121	1762	2364	2772	2980	3048	3059

(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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20

### 1971-2000

**Station: GROTON, CT**

**COOP ID: 063207**

**Climate Division: CT 3**

**NWS Call Sign:**

**Elevation: 40 Feet**

**Lat: 41° 21N**

**Lon: 72° 02W**

### 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	37.7	20.0	28.9	65	1967	24	36.5	1990	-14	1961	22	20.2	1981	1121	0	.0	.0	4.1	9.1	27.6	1.4
Feb	39.4	21.8	30.6	67	1976	25	36.4	1984	-12	1965	4	20.4	1979	964	0	.0	.0	3.9	6.2	24.2	.6
Mar	47.1	29.3	38.2	78	1998	29	42.5	2000	0	1967	19	34.2	1984	832	0	.0	.0	11.4	1.4	20.6	.0
Apr	56.3	38.1	47.2	84+	1976	17	50.8	1991	14	1982	7	42.5	1972	534	0	.0	.0	24.3	.1	6.4	.0
May	66.3	47.7	57.0	91+	1979	10	62.4	1991	30+	1966	3	53.8	1997	254	6	.0	.1	30.8	.0	@	.0
Jun	74.9	56.6	65.8	95+	1964	30	68.5	1984	38	1967	1	63.2	1972	42	64	.0	.6	30.0	.0	.0	.0
Jul	80.7	62.9	71.8	101	1991	21	75.2	1994	47	1988	1	68.4	1992	2	213	@	2.0	31.0	.0	.0	.0
Aug	79.6	62.2	70.9	99	1975	2	73.8	1984	41	1965	31	68.4	1992	4	186	.0	.8	31.0	.0	.0	.0
Sep	72.7	54.5	63.6	93	1983	11	67.8	1971	29	1957	28	60.5	1978	83	40	.0	.2	30.0	.0	@	.0
Oct	62.5	43.4	53.0	83	1959	6	58.7	1971	22	1966	31	48.8	1974	376	2	.0	.0	29.9	.0	3.0	.0
Nov	52.7	35.2	44.0	75	1982	1	48.6	1975	8	1989	21	39.2	1976	632	0	.0	.0	19.2	.2	13.0	.0
Dec	42.7	25.7	34.2	69+	1998	4	38.8	1984	-10+	1962	31	21.2	1989	955	0	.0	.0	7.5	4.1	24.4	.2
Ann	59.4	41.5	50.4	101	1991	21	75.2	1994	-14	1961	22	20.2	1981	5799	511	@	3.7	253.1	21.1	119.2	2.2

+ 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: 1948-2001

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

# Climatology of the United States

## No. 20 1971-2000

Station: GROTON, CT

COOP ID: 063207

Climate Division: CT 3

NWS Call Sign:

Elevation: 40 Feet

Lat: 41°21N

Lon: 72°02W

### 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	4.39	3.80	2.86	1962	6	12.20	1979	.88	1985	10.7	7.5	3.3	1.1	1.29	1.71	2.34	2.88	3.40	3.95	4.56	5.27	6.20	7.64	8.98
Feb	3.54	3.23	2.28	1966	13	6.38	1971	.53	1987	8.9	6.5	2.7	.9	1.25	1.58	2.06	2.47	2.86	3.26	3.70	4.20	4.85	5.86	6.78
Mar	4.46	4.71	3.15	1988	26	8.17	1980	.72	1981	10.8	7.6	3.0	.9	1.71	2.12	2.72	3.21	3.67	4.15	4.67	5.26	6.02	7.19	8.25
Apr	4.23	4.14	3.05	1983	10	10.38	1983	1.29	1985	10.4	7.2	2.8	1.3	1.50	1.89	2.47	2.96	3.42	3.90	4.42	5.02	5.79	6.98	8.08
May	3.79	3.31	3.51	1967	25	7.65	1978	.81	1993	10.9	7.7	2.8	.8	1.21	1.57	2.10	2.55	2.99	3.45	3.95	4.53	5.29	6.46	7.54
Jun	3.67	2.73	6.30	1982	5	13.97	1982	.08	1999	9.0	5.8	2.0	1.1	.40	.68	1.19	1.70	2.25	2.87	3.59	4.48	5.70	7.72	9.68
Jul	3.31	2.98	3.10	1973	15	7.73	1984	.36	1979	8.1	5.4	2.3	.9	.78	1.09	1.58	2.01	2.44	2.90	3.41	4.01	4.81	6.08	7.26
Aug	4.46	3.82	5.14	1955	12	11.58	1991	.76	1984	8.5	6.0	2.8	1.3	1.10	1.52	2.17	2.75	3.32	3.92	4.60	5.40	6.44	8.10	9.66
Sep	4.06	4.09	7.43	1961	21	8.90	1999	.65	1971	8.4	6.0	2.7	1.3	1.01	1.39	1.98	2.51	3.03	3.58	4.19	4.92	5.87	7.38	8.79
Oct	3.98	3.57	4.82	1962	5	8.11	1989	.48	2000	8.4	6.4	2.7	1.1	1.21	1.59	2.15	2.64	3.11	3.60	4.14	4.77	5.59	6.86	8.05
Nov	4.51	3.81	3.39	1985	5	10.88	1983	.57	1976	9.9	6.8	3.2	1.4	1.15	1.57	2.23	2.81	3.38	3.98	4.65	5.45	6.49	8.13	9.67
Dec	4.32	3.87	3.68	1986	3	8.70	1986	1.17	1998	11.3	7.9	2.9	1.2	1.30	1.71	2.33	2.86	3.37	3.91	4.49	5.19	6.08	7.48	8.78
Ann	48.72	49.60	7.43	Sep 1961	21	13.97	Jun 1982	.08	Jun 1999	115.3	80.8	33.2	13.3	36.88	39.23	42.21	44.45	46.42	48.32	50.27	52.42	55.00	58.72	61.92

+ 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/normal/usnormals.html](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

Station: GROTON, CT

COOP ID: 063207

Climate Division: CT 3

NWS Call Sign:

Elevation: 40 Feet

Lat: 41°21N

Lon: 72°02W

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	6.7	4.5	1	#	9.5	1978	20	19.5	1996	14	1996	8	4	1996	3.3	2.4	.8	.3	.0	7.3	4.0	1.7	.1
Feb	6.8	4.5	1	#	11.2	1978	6	26.5	1994	15	1978	7	9	1978	2.7	1.8	.8	.4	.1	5.8	2.5	1.7	.5
Mar	2.7	1.5	#	#	7.0	1999	15	11.3	1978	9	1978	3	3	1978	1.5	.9	.3	.2	.0	2.0	1.2	.6	.0
Apr	.6	.0	#	0	6.0	1982	6	9.5	1996	6	1982	6	#+	2000	.2	.2	.1	.1	.0	.2	.1	@	.0
May	#	.0	0	0	#	1977	9	#	1977	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	#	2000	29	#+	2000	#+	2000	29	#+	2000	.0	.0	.0	.0	.0	.0	.0	.0	.0
Nov	.7	.0	#	0	6.4	1989	23	6.4	1989	6	1989	23	#+	1996	.2	.2	.1	@	.0	.2	.1	@	.0
Dec	2.9	2.1	#	#	6.0	1976	29	13.9	1995	8	1995	20	2	1995	1.7	1.1	.4	.1	.0	2.8	1.0	.3	.0
Ann	20.4	12.6	N/A	N/A	11.2	Feb 1978	6	26.5	Feb 1994	15	Feb 1978	7	9	Feb 1978	9.6	6.6	2.5	1.1	.1	18.3	8.9	4.3	.6

+ 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatography of the United States

## No. 20 1971-2000

Station: GROTON, CT

COOP ID: 063207

Climate Division: CT 3

NWS Call Sign:

Elevation: 40 Feet

Lat: 41° 21N

Lon: 72° 02W

<b>Freeze Data</b>									
<b>Spring Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of later date in spring (thru Jul 31) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	5/18	5/13	5/10	5/07	5/04	5/01	4/28	4/25	4/20
<b>32</b>	4/28	4/25	4/22	4/20	4/18	4/16	4/14	4/11	4/08
<b>28</b>	4/20	4/15	4/12	4/09	4/07	4/04	4/01	3/29	3/25
<b>24</b>	4/08	4/04	3/31	3/29	3/26	3/24	3/21	3/18	3/13
<b>20</b>	4/02	3/28	3/25	3/22	3/19	3/16	3/14	3/10	3/05
<b>16</b>	3/27	3/21	3/17	3/13	3/10	3/07	3/03	2/27	2/21
<b>Fall Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of earlier date in fall (beginning Aug 1) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	9/24	9/29	10/03	10/05	10/08	10/11	10/14	10/17	10/22
<b>32</b>	10/04	10/09	10/13	10/16	10/19	10/22	10/25	10/29	11/03
<b>28</b>	10/19	10/25	10/28	11/01	11/04	11/07	11/10	11/14	11/20
<b>24</b>	11/01	11/07	11/12	11/15	11/19	11/22	11/26	11/30	12/06
<b>20</b>	11/17	11/22	11/26	11/29	12/02	12/05	12/08	12/11	12/16
<b>16</b>	11/26	12/02	12/06	12/10	12/13	12/16	12/20	12/24	12/30
<b>Freeze Free Period</b>									
<b>Temp (F)</b>	<b>Probability of longer than indicated freeze free period (Days)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	173	167	163	160	156	153	149	145	139
<b>32</b>	204	197	192	187	183	179	175	170	163
<b>28</b>	231	224	219	214	210	206	202	197	190
<b>24</b>	261	253	247	242	237	232	227	221	213
<b>20</b>	278	271	265	261	257	253	248	243	236
<b>16</b>	301	293	287	282	277	273	268	262	254

\* 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

**Station: GROTON, CT**

**COOP ID: 063207**

**Climate Division: CT 3**

**NWS Call Sign:**

**Elevation: 40 Feet**

**Lat: 41°21N**

**Lon: 72°02W**

### Degree Days to Selected Base Temperatures (°F)

Base	Heating Degree Days (1)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Below 65	1121	964	832	534	254	42	2	4	83	376	632	955	5799
60	966	824	677	385	129	6	0	0	23	236	482	800	4528
57	873	740	584	297	75	1	0	0	8	164	393	707	3842
55	811	684	522	240	48	0	0	0	4	124	335	645	3413
50	656	544	368	119	11	0	0	0	0	51	201	497	2447
32	198	133	21	0	0	0	0	0	0	0	4	100	456

Base	Cooling Degree Days (1)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Above 32	100	93	212	456	774	1012	1234	1206	947	649	362	167	7212
55	0	0	0	6	110	323	521	493	261	60	3	0	1777
57	0	0	0	3	74	263	459	431	206	38	1	0	1475
60	0	0	0	0	36	178	366	338	130	17	0	0	1065
65	0	0	0	0	6	64	213	186	40	2	0	0	511
70	0	0	0	0	0	10	86	68	5	0	0	0	169

### 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	18	18	69	233	535	781	991	962	712	408	169	42	18	36	105	338	873	1654	2645	3607	4319	4727	4896	4938
45	2	0	26	115	380	631	836	807	562	263	83	16	2	2	28	143	523	1154	1990	2797	3359	3622	3705	3721
50	0	0	4	45	231	481	681	652	412	148	33	2	0	0	4	49	280	761	1442	2094	2506	2654	2687	2689
55	0	0	1	13	112	331	526	497	269	64	9	0	0	0	1	14	126	457	983	1480	1749	1813	1822	1822
60	0	0	0	0	45	192	371	343	148	19	0	0	0	0	0	0	45	237	608	951	1099	1118	1118	1118
Base	Growing Degree Units for Corn (Monthly)												Growing Degree Units for Corn (Accumulated Monthly)											
50/86	3	7	38	112	285	482	673	651	433	218	84	18	3	10	48	160	445	927	1600	2251	2684	2902	2986	3004

(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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20

### 1971-2000

**Station: HARTFORD BRADLEY INTL AP, CT**

**COOP ID: 063456**

**Climate Division: CT 2**

**NWS Call Sign: BDL**

**Elevation: 160 Feet**

**Lat: 41° 56N**

**Lon: 72° 41W**

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	34.1	17.2	25.7	65	1967	24	34.7	1990	-26	1961	22	17.8	1981	1218	0	.0	.0	2.3	13.4	28.1	2.8
Feb	37.7	19.9	28.8	73	1985	24	36.2	1998	-21	1961	2	18.0	1979	1024	0	.0	.0	3.6	8.7	24.9	1.4
Mar	47.7	28.3	38.0	89	1998	31	43.7	2000	-6	1967	19	31.4	1984	844	1	.0	.0	12.4	1.7	20.9	.0
Apr	59.9	37.9	48.9	96	1976	19	53.3	1976	9	1970	1	44.3	1972	486	5	.0	.3	24.9	.1	7.6	.0
May	71.7	48.1	59.9	99	1996	20	65.8	1991	28+	1956	9	56.0	1984	195	38	.0	1.2	30.7	.0	.5	.0
Jun	80.0	57.0	68.5	100	1964	30	72.7	1976	37+	1964	6	63.7	1985	38	144	.0	3.4	30.0	.0	.0	.0
Jul	84.9	62.4	73.7	102	1966	3	77.1	1994	44	1962	2	69.6	2000	3	277	.2	7.4	31.0	.0	.0	.0
Aug	82.5	60.7	71.6	102	2001	9	76.4	1973	36	1965	31	69.0	1987	12	220	@	4.4	31.0	.0	.0	.0
Sep	74.3	52.1	63.2	99	1983	11	67.7	1971	30+	1957	27	58.6	1978	120	68	.0	1.0	30.0	.0	.3	.0
Oct	63.1	40.6	51.9	91	1963	7	58.3	1971	17	1978	18	47.3	1974	413	5	.0	.0	29.3	.0	6.1	.0
Nov	50.9	32.6	41.8	81	1974	1	48.2	1975	1	1989	24	37.9	1980	697	1	.0	.0	15.8	.5	16.2	.0
Dec	39.0	22.6	30.8	76	1998	7	36.8	1998	-14	1980	26	18.1	1989	1054	0	.0	.0	4.2	7.5	26.4	.6
Ann	60.5	40.0	50.2	102+	Aug 2001	9	77.1	Jul 1994	-26	Jan 1961	22	17.8	Jan 1981	6104	759	.2	17.7	245.2	31.9	131.0	4.8

+ 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: 1954-2001

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

# Climatography of the United States

## No. 20 1971-2000

Station: HARTFORD BRADLEY INTL AP, CT

COOP ID: 063456

Climate Division: CT 2

NWS Call Sign: BDL

Elevation: 160 Feet

Lat: 41°56N

Lon: 72°41W

### 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	Median	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	3.84	3.37	2.20	1976	27	9.61	1978	.38	1981	11.4	6.9	3.0	.9	.79	1.14	1.70	2.22	2.73	3.29	3.92	4.67	5.67	7.26	8.77	
Feb	2.96	2.96	2.16	1965	25	7.27	1981	.45	1987	10.1	5.8	2.2	.7	1.02	1.30	1.70	2.05	2.38	2.72	3.09	3.52	4.08	4.93	5.72	
Mar	3.88	3.74	2.52	1987	31	6.86	1983	.27	1981	11.9	7.4	2.6	1.0	1.28	1.65	2.19	2.65	3.09	3.54	4.04	4.62	5.37	6.53	7.60	
Apr	3.86	3.59	2.98	1969	22	9.90	1983	1.10	1999	11.3	6.9	2.3	1.0	1.40	1.76	2.28	2.72	3.14	3.57	4.04	4.58	5.27	6.34	7.33	
May	4.39	3.47	4.81	1989	24	12.00	1989	1.65	1980	12.6	8.0	2.8	1.1	1.45	1.87	2.48	3.00	3.50	4.01	4.57	5.23	6.08	7.39	8.60	
Jun	3.85	3.25	5.88	1982	5	13.60	1982	.67	1988	11.3	6.6	2.3	1.0	.62	.95	1.51	2.04	2.58	3.18	3.86	4.70	5.81	7.62	9.35	
Jul	3.67	3.39	2.96	1994	28	8.43	1988	1.07	1983	9.9	6.5	2.3	.9	1.44	1.78	2.27	2.67	3.04	3.43	3.85	4.33	4.94	5.87	6.72	
Aug	3.98	3.61	7.70	1955	19	8.69	1991	.54	1981	10.0	6.1	2.6	1.2	1.12	1.50	2.07	2.57	3.06	3.57	4.13	4.79	5.65	7.01	8.27	
Sep	4.13	3.44	5.72	1999	16	11.22	1999	.84	1986	9.7	6.3	2.7	1.1	.88	1.25	1.86	2.41	2.96	3.55	4.22	5.02	6.07	7.76	9.35	
Oct	3.94	3.61	4.31	1959	24	9.46	1995	1.07	2000	9.0	6.1	2.6	1.1	1.29	1.66	2.21	2.68	3.13	3.60	4.11	4.71	5.48	6.67	7.78	
Nov	4.06	3.90	2.90	1988	20	8.53	1972	.51	1976	10.3	6.3	2.8	1.2	1.49	1.87	2.42	2.87	3.31	3.76	4.24	4.80	5.52	6.63	7.64	
Dec	3.60	3.43	2.96	1973	21	8.31	1973	.82	1980	11.6	6.8	2.3	1.0	.94	1.28	1.80	2.26	2.71	3.19	3.72	4.35	5.17	6.47	7.68	
Ann	46.16	44.76	7.70	Aug 1955	19	13.60	Jun 1982	.27	Mar 1981	129.1	79.7	30.5	12.2	34.68	36.95	39.83	42.00	43.91	45.76	47.65	49.73	52.24	55.86	58.97	

+ 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: 1954-2001

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

Complete documentation available from:  
[www.ncdc.noaa.gov/oa/climate/normals/usnormals.html](http://www.ncdc.noaa.gov/oa/climate/normals/usnormals.html)



# Climatology of the United States

## No. 20 1971-2000

Station: HARTFORD BRADLEY INTL AP, CT

COOP ID: 063456

Climate Division: CT 2

NWS Call Sign: BDL

Elevation: 160 Feet

Lat: 41°56N

Lon: 72°41W

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	14.3	10.5	3	1	14.1	1978	20	42.8	1996	38	1996	13	14	1996	6.7	3.3	1.6	1.0	.2	16.6	10.9	7.9	2.5
Feb	10.7	9.0	3	2	12.8	1978	6	29.4+	1994	26	1983	12	11	1978	5.5	2.5	1.1	.7	.2	14.8	10.1	5.5	1.8
Mar	7.7	5.3	1	1	12.3	1993	13	31.1	1993	16	1993	14	5	1978	4.4	2.1	.9	.4	@	6.4	3.6	1.9	.4
Apr	1.5	.3	#	0	14.1	1982	6	14.3	1982	14	1982	7	1	1982	1.1	.4	.1	@	@	.6	.3	.1	.1
May	.1	.0	#	0	1.3	1977	9	1.3	1977	#	1977	9	#	1996	.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	.1	.0	#	0	1.7	1979	10	1.7	1979	1	1979	11	#	1979	.1	.0	.0	.0	.0	@	.0	.0	.0
Nov	2.5	.7	#	0	7.6	1971	25	8.7	1986	8+	1971	27	1+	1986	1.6	.7	.3	.2	.0	1.6	.9	.2	.0
Dec	8.4	6.7	1	0	10.8	1977	14	23.4	1977	13+	1995	22	5	1995	5.8	2.6	.9	.2	@	8.4	3.0	1.6	.3
Ann	45.3	32.5	N/A	N/A	14.1+	Apr 1982	6	42.8	Jan 1996	38	Jan 1996	13	14	Jan 1996	25.2	11.6	4.9	2.5	.4	48.4	28.8	17.2	5.1

+ 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatography of the United States

## No. 20 1971-2000

Station: HARTFORD BRADLEY INTL AP, CT

COOP ID: 063456

Climate Division: CT 2

NWS Call Sign: BDL

Elevation: 160 Feet

Lat: 41° 56N

Lon: 72° 41W

<b>Freeze Data</b>									
<b>Spring Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of later date in spring (thru Jul 31) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	5/22	5/17	5/14	5/11	5/08	5/05	5/02	4/29	4/24
<b>32</b>	5/10	5/05	5/02	4/29	4/26	4/23	4/20	4/16	4/11
<b>28</b>	4/22	4/18	4/15	4/12	4/10	4/08	4/05	4/02	3/29
<b>24</b>	4/10	4/05	4/02	3/30	3/28	3/26	3/23	3/20	3/15
<b>20</b>	3/31	3/27	3/24	3/22	3/20	3/18	3/15	3/13	3/09
<b>16</b>	3/27	3/23	3/19	3/16	3/14	3/11	3/08	3/05	2/28
<b>Fall Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of earlier date in fall (beginning Aug 1) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	9/19	9/23	9/26	9/28	9/30	10/03	10/05	10/08	10/12
<b>32</b>	9/26	10/01	10/04	10/07	10/09	10/12	10/14	10/17	10/22
<b>28</b>	10/08	10/13	10/17	10/20	10/23	10/26	10/29	11/02	11/07
<b>24</b>	10/20	10/26	10/31	11/04	11/08	11/12	11/16	11/21	11/27
<b>20</b>	11/02	11/09	11/14	11/18	11/22	11/26	12/01	12/06	12/13
<b>16</b>	11/20	11/25	11/28	12/01	12/04	12/07	12/10	12/13	12/18
<b>Freeze Free Period</b>									
<b>Temp (F)</b>	<b>Probability of longer than indicated freeze free period (Days)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	161	155	151	148	145	141	138	134	128
<b>32</b>	185	178	173	169	166	162	158	153	146
<b>28</b>	213	207	203	199	196	192	189	184	178
<b>24</b>	250	241	235	229	224	219	214	208	199
<b>20</b>	268	261	255	251	247	243	238	233	226
<b>16</b>	286	279	273	269	265	260	256	251	243

\* 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

**Station: HARTFORD BRADLEY INTL AP, CT**

**COOP ID: 063456**

**Climate Division: CT 2**

**NWS Call Sign: BDL**

**Elevation: 160 Feet**

**Lat: 41°56N**

**Lon: 72°41W**

### 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
65	1218	1024	844	486	195	38	3	12	120	413	697	1054	6104
60	1065	873	683	336	91	5	0	0	31	270	547	905	4806
57	972	789	590	252	52	1	0	0	13	197	458	812	4136
55	910	733	528	201	33	0	0	0	6	154	399	750	3714
50	755	593	378	96	7	0	0	0	1	73	263	598	2764
32	264	171	39	0	0	0	0	0	0	0	12	161	647

Base	Cooling Degree Days (1)												
	Above	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
32	53	72	226	509	866	1095	1292	1229	936	615	306	95	7294
55	0	0	6	35	185	406	579	516	261	57	11	1	2057
57	0	0	4	24	143	348	517	454	211	38	7	0	1746
60	0	0	2	14	93	264	424	363	145	21	4	0	1330
65	0	0	1	5	38	144	277	220	68	5	1	0	759
70	0	0	0	1	11	60	139	103	24	0	0	0	338

### 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	9	18	90	286	626	865	1055	988	707	382	134	25	9	27	117	403	1029	1894	2949	3937	4644	5026	5160	5185
45	0	3	42	167	472	715	900	833	557	245	70	6	0	3	45	212	684	1399	2299	3132	3689	3934	4004	4010
50	0	0	15	89	325	565	745	678	408	136	29	2	0	0	15	104	429	994	1739	2417	2825	2961	2990	2992
55	0	0	4	37	191	417	590	523	270	61	10	0	0	0	4	41	232	649	1239	1762	2032	2093	2103	2103
60	0	0	1	15	98	275	436	370	149	23	4	0	0	0	1	16	114	389	825	1195	1344	1367	1371	1371
Base	Growing Degree Units for Corn (Monthly)												Growing Degree Units for Corn (Accumulated Monthly)											
50/86	3	9	56	172	376	560	711	661	441	225	75	12	3	12	68	240	616	1176	1887	2548	2989	3214	3289	3301

(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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20

### 1971-2000

**Station: MANSFIELD HOLLOW LAKE, CT**

**COOP ID: 064488**

**Climate Division: CT 2**

**NWS Call Sign:**

**Elevation: 250 Feet**

**Lat: 41° 45N**

**Lon: 72° 11W**

### 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	35.0	13.4	24.2	66	1966	1	32.6	1998	-27	1961	22	14.9	1981	1265	0	.0	.0	3.2	11.4	29.6	4.2
Feb	37.4	15.6	26.5	72	1954	16	33.8	1998	-21	1965	4	16.4	1979	1078	0	.0	.0	3.9	8.7	26.3	3.1
Mar	46.6	25.0	35.8	82	1977	31	41.5	1973	-16	1967	19	30.2	1984	904	0	.0	.0	12.0	1.9	25.0	.1
Apr	57.5	34.1	45.8	91+	1976	19	50.2	1976	6	1954	4	41.0	1972	576	0	.0	.1	24.1	.1	12.5	.0
May	69.2	43.8	56.5	95	1962	20	61.1	1991	22	1956	9	52.4	1990	271	7	.0	.4	30.6	.0	1.9	.0
Jun	77.0	52.8	64.9	98+	1952	26	69.1	1999	30+	1957	10	60.7	1985	68	65	.0	1.5	30.0	.0	.0	.0
Jul	81.7	58.4	70.1	100+	1991	21	74.0	1994	37+	1954	17	66.5	1992	7	164	.1	3.7	31.0	.0	.0	.0
Aug	80.2	56.7	68.5	100+	1975	3	71.5	1988	32	1965	31	65.1	1986	18	124	@	1.9	31.0	.0	.0	.0
Sep	72.7	47.5	60.1	100+	1953	2	64.4	1971	20	1957	28	57.1	1986	162	16	.0	.5	30.0	.0	.8	.0
Oct	62.4	35.5	49.0	88	1963	8	55.0	1971	15+	1952	26	44.4	1974	497	0	.0	.0	29.5	.0	11.8	.0
Nov	51.0	29.2	40.1	80	1982	3	45.0+	1999	1	1989	24	35.5	1976	747	0	.0	.0	16.6	.7	20.3	.0
Dec	39.7	19.7	29.7	75	1998	8	35.3	1990	-18+	1963	31	15.4	1989	1095	0	.0	.0	5.4	6.2	27.9	1.1
Ann	59.2	36.0	47.6	100+		Jul 1991	74.0		-27		Jan 1961	14.9		6688	376	.1	8.1	247.3	29.0	156.1	8.5

+ 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: 1952-2001

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

# Climatography of the United States

## No. 20 1971-2000

Station: MANSFIELD HOLLOW LAKE, CT

COOP ID: 064488

Climate Division: CT 2

NWS Call Sign:

Elevation: 250 Feet

Lat: 41°45N

Lon: 72°11W

### 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	Median	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	4.70	4.57	3.35	1978	26	12.93	1979	.62	1981	10.6	7.8	3.0	1.3	1.12	1.56	2.24	2.86	3.47	4.11	4.84	5.70	6.83	8.62	10.30
Feb	3.45	3.23	2.50	1978	7	7.40	1981	.43	1987	9.1	6.9	2.3	.8	1.31	1.64	2.10	2.48	2.84	3.21	3.61	4.08	4.67	5.58	6.41
Mar	4.66	3.89	4.10	1980	22	9.23	1998	.65	1981	10.6	7.6	3.4	1.2	1.61	2.05	2.69	3.24	3.75	4.29	4.87	5.55	6.41	7.76	8.99
Apr	4.39	4.37	2.96	1987	5	11.35	1983	1.45	1999	10.9	7.0	3.0	1.3	1.40	1.81	2.43	2.96	3.47	3.99	4.57	5.25	6.12	7.48	8.73
May	4.10	3.91	2.45	1972	4	8.19	1984	.75	1993	11.6	7.6	2.8	1.0	1.55	1.93	2.48	2.94	3.37	3.81	4.29	4.84	5.55	6.63	7.63
Jun	3.84	3.18	4.54	2001	18	12.12	1982	.04	1999	10.2	6.5	2.4	1.0	.55	.86	1.42	1.95	2.51	3.12	3.82	4.69	5.86	7.77	9.60
Jul	4.37	4.37	4.16	1965	19	8.02	1984	1.39	1983	9.3	6.8	2.8	1.3	1.76	2.16	2.73	3.20	3.64	4.09	4.57	5.13	5.84	6.93	7.92
Aug	4.21	3.50	5.51	1991	20	9.27	1991	.29	1984	9.1	6.4	3.0	1.3	1.07	1.46	2.07	2.62	3.15	3.71	4.34	5.08	6.06	7.60	9.04
Sep	4.25	3.82	4.45	1999	17	8.90	1999	.98	1997	8.9	6.3	2.7	1.2	1.22	1.63	2.24	2.76	3.28	3.81	4.41	5.11	6.01	7.43	8.75
Oct	4.44	3.99	4.84	1990	14	10.16	1990	.75	2000	8.6	6.1	2.8	1.5	1.22	1.65	2.29	2.84	3.39	3.96	4.60	5.35	6.32	7.85	9.28
Nov	4.74	4.95	2.65+	1988	2	9.23	1988	.84	1976	9.8	7.2	3.4	1.5	1.67	2.12	2.77	3.31	3.83	4.37	4.95	5.63	6.50	7.84	9.07
Dec	4.40	4.16	2.44	1992	12	9.08	1973	1.14	1980	11.0	7.8	3.1	1.2	1.27	1.69	2.32	2.86	3.40	3.95	4.57	5.29	6.23	7.70	9.07
Ann	51.55	50.81	5.51	Aug 1991	20	12.93	Jan 1979	.04	Jun 1999	119.7	84.0	34.7	14.6	41.42	43.47	46.05	47.98	49.66	51.27	52.92	54.72	56.87	59.95	62.58

+ 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: 1952-2001

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

Complete documentation available from:  
[www.ncdc.noaa.gov/oa/climate/normal/usnormals.html](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

Station: MANSFIELD HOLLOW LAKE, CT

COOP ID: 064488

Climate Division: CT 2

NWS Call Sign:

Elevation: 250 Feet

Lat: 41°45N

Lon: 72°11W

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	10.7	9.0	3	2	10.0	1978	21	27.0	1978	24	1996	10	12	1996	3.9	3.7	1.2	.5	.1	13.4	9.1	6.8	1.5
Feb	7.4	6.0	3	2	23.0	1978	7	24.0	1978	28	1978	8	16	1978	3.1	3.0	1.0	.4	.1	12.2	9.9	7.0	2.0
Mar	4.7	4.0	1	#	8.0	1978	17	13.0	1996	18	1978	4	11	1978	2.0	1.9	.8	.3	.0	4.2	2.3	1.2	.6
Apr	1.7	.0	#	0	14.0	1982	7	15.0	1982	14	1982	7	2	1982	.5	.4	.1	.1	.1	.7	.4	.3	.1
May	#	.0	#	0	#	1977	10	#	1977	#	1977	10	#	1977	.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	.1	.0	#	0	2.0	1979	11	2.0	1979	1	1979	11	#	1979	@	@	.0	.0	.0	@	.0	.0	.0
Nov	1.4	.0	#	0	6.0	1986	19	7.0	1986	6	1986	19	1	1987	.6	.6	.2	.1	.0	1.1	.5	.1	.0
Dec	5.3	4.0	1	#	6.0	1989	16	18.0	1995	12	1995	22	6	1995	2.3	2.3	.7	.2	.0	6.7	3.7	2.3	.2
Ann	31.3	23.0	N/A	N/A	23.0	Feb 1978	7	27.0	Jan 1978	28	Feb 1978	8	16	Feb 1978	12.4	11.9	4.0	1.6	.3	38.3	25.9	17.7	4.4

+ 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

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

Station: MANSFIELD HOLLOW LAKE, CT

COOP ID: 064488

Climate Division: CT 2

NWS Call Sign:

Elevation: 250 Feet

Lat: 41° 45N

Lon: 72° 11W

<b>Freeze Data</b>									
<b>Spring Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of later date in spring (thru Jul 31) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	6/07	6/02	5/28	5/25	5/22	5/18	5/15	5/11	5/05
<b>32</b>	5/22	5/18	5/14	5/11	5/09	5/06	5/03	4/30	4/26
<b>28</b>	5/06	5/02	4/29	4/27	4/25	4/23	4/20	4/17	4/13
<b>24</b>	4/22	4/17	4/13	4/10	4/07	4/04	4/01	3/28	3/23
<b>20</b>	4/03	3/31	3/28	3/26	3/24	3/23	3/21	3/18	3/15
<b>16</b>	4/02	3/28	3/24	3/20	3/17	3/14	3/11	3/07	3/01
<b>Fall Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of earlier date in fall (beginning Aug 1) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	9/08	9/12	9/15	9/18	9/20	9/22	9/25	9/28	10/02
<b>32</b>	9/20	9/24	9/27	9/29	10/01	10/03	10/06	10/08	10/12
<b>28</b>	10/03	10/07	10/10	10/12	10/14	10/17	10/19	10/22	10/26
<b>24</b>	10/14	10/19	10/22	10/25	10/28	10/31	11/03	11/06	11/11
<b>20</b>	10/23	10/29	11/03	11/07	11/11	11/15	11/19	11/24	12/01
<b>16</b>	11/06	11/13	11/17	11/21	11/25	11/28	12/02	12/07	12/13
<b>Freeze Free Period</b>									
<b>Temp (F)</b>	<b>Probability of longer than indicated freeze free period (Days)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	141	134	129	125	121	116	112	107	100
<b>32</b>	157	153	150	147	145	142	140	137	133
<b>28</b>	190	184	179	175	172	168	164	160	153
<b>24</b>	224	217	212	207	203	199	195	190	183
<b>20</b>	254	246	241	236	231	227	222	216	208
<b>16</b>	278	269	262	257	252	246	241	235	226

\* 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

**Station: MANSFIELD HOLLOW LAKE, CT**

**COOP ID: 064488**

**Climate Division: CT 2**

**NWS Call Sign:**

**Elevation: 250 Feet**

**Lat: 41° 45N**

**Lon: 72° 11W**

### 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
65	1265	1078	904	576	271	68	7	18	162	497	747	1095	6688
60	1110	938	749	426	145	17	0	1	66	346	597	940	5335
57	1017	854	656	338	88	5	0	0	33	262	507	847	4607
55	955	798	594	281	59	2	0	0	19	211	448	785	4152
50	800	658	441	155	15	0	0	0	3	107	304	632	3115
32	305	212	55	1	0	0	0	0	0	0	16	187	776

### Cooling Degree Days (1)

Base	Cooling Degree Days (1)												
	Above	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
32	63	58	174	414	760	987	1180	1129	844	526	259	115	6509
55	0	0	0	5	105	299	467	416	172	25	0	0	1489
57	0	0	0	2	72	242	405	354	127	14	0	0	1216
60	0	0	0	0	37	164	312	262	70	5	0	0	850
65	0	0	0	0	7	65	164	124	16	0	0	0	376
70	0	0	0	0	0	14	56	35	1	0	0	0	106

### 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	10	9	63	216	535	774	961	911	635	313	113	27	10	19	82	298	833	1607	2568	3479	4114	4427	4540	4567
45	1	0	25	112	381	624	806	756	486	185	53	7	1	1	26	138	519	1143	1949	2705	3191	3376	3429	3436
50	0	0	8	51	244	474	651	601	339	93	22	0	0	0	8	59	303	777	1428	2029	2368	2461	2483	2483
55	0	0	3	21	133	326	496	446	205	37	5	0	0	0	3	24	157	483	979	1425	1630	1667	1672	1672
60	0	0	0	5	55	191	341	297	108	12	0	0	0	0	0	5	60	251	592	889	997	1009	1009	1009
Base	Growing Degree Units for Corn (Monthly)												Growing Degree Units for Corn (Accumulated Monthly)											
50/86	6	10	48	137	327	490	637	598	399	214	78	23	6	16	64	201	528	1018	1655	2253	2652	2866	2944	2967

(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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)



# Climatology of the United States

## No. 20 1971-2000

Station: NORFOLK 2 SW, CT

COOP ID: 065445

Climate Division: CT 1

NWS Call Sign:

Elevation: 1,340 Feet

Lat: 41° 58N

Lon: 73° 13W

### 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	29.1	11.9	20.5	62	1950	27	30.4	1990	-22	1957	16	11.7	1977	1381	0	.0	.0	1.4	19.5	30.1	5.7
Feb	31.3	13.4	22.4	66	1954	17	29.6	1984	-25+	1943	16	11.3	1979	1193	0	.0	.0	1.4	15.9	27.1	4.0
Mar	40.9	21.9	31.4	81	1945	29	37.6	2000	-11	1950	3	24.9	1984	1042	0	.0	.0	6.0	7.2	27.5	.7
Apr	53.1	32.8	43.0	88+	1976	20	47.5	1991	6	1954	4	37.2	1972	661	0	.0	.0	17.6	.5	15.5	.0
May	65.5	44.2	54.9	88+	1944	5	59.8	1991	25+	1947	10	51.1	1997	319	5	.0	.0	29.4	.0	2.0	.0
Jun	73.5	53.0	63.3	91+	1943	26	66.6	1999	32+	1964	5	59.2	1985	93	40	.0	.1	30.0	.0	@	.0
Jul	78.1	57.9	68.0	92+	1949	5	70.8	1994	41+	1943	1	64.5	2000	17	110	.0	.5	31.0	.0	.0	.0
Aug	76.3	56.4	66.4	93+	1944	13	69.4	1988	35	1965	31	63.9	1992	35	77	.0	.1	31.0	.0	.0	.0
Sep	68.3	48.6	58.5	93	1953	3	62.2	1998	26+	1947	27	55.6	1975	202	5	.0	.0	29.7	.0	.6	.0
Oct	56.9	37.5	47.2	81	1986	1	53.6	1971	17	1974	20	42.5	1974	552	0	.0	.0	23.2	.1	9.4	.0
Nov	45.1	29.3	37.2	75	1982	3	42.4	1975	4	1987	22	32.6	1976	835	0	.0	.0	9.1	3.1	20.6	.0
Dec	33.9	18.6	26.3	67	1998	8	34.5	1998	-20	1980	26	11.7	1989	1202	0	.0	.0	2.4	14.8	28.8	1.8
Ann	54.3	35.5	44.9	93+	Sep 1953	3	70.8	Jul 1994	-25+	Feb 1943	16	11.3	Feb 1979	7532	237	.0	.7	212.2	61.1	161.6	12.2

+ 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: 1942-2001

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

# Climatography of the United States

## No. 20 1971-2000

Station: NORFOLK 2 SW, CT

COOP ID: 065445

Climate Division: CT 1

NWS Call Sign:

Elevation: 1,340 Feet Lat: 41°58N

Lon: 73°13W

### 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	4.47	4.32	3.53	1949	1	11.88	1979	1.10	1981	15.2	7.6	3.2	1.0	1.25	1.67	2.31	2.87	3.42	3.99	4.63	5.38	6.35	7.88	9.30
Feb	3.53	3.22	2.37	1981	21	11.66	1981	.67	1987	12.8	7.0	2.2	.8	1.21	1.55	2.03	2.44	2.84	3.24	3.68	4.20	4.86	5.88	6.82
Mar	4.57	4.25	3.55	1980	22	8.97	1980	.68	1981	13.6	8.3	3.1	1.2	1.77	2.20	2.80	3.31	3.78	4.26	4.79	5.39	6.16	7.34	8.42
Apr	4.53	4.16	4.12	1987	5	10.79	1983	1.44	1999	13.9	8.0	3.4	.9	1.65	2.08	2.69	3.20	3.69	4.20	4.74	5.37	6.18	7.43	8.57
May	4.81	4.70	2.82	1999	20	12.16	1984	1.06	1993	13.9	9.0	3.0	1.2	1.52	1.97	2.65	3.23	3.79	4.37	5.01	5.76	6.72	8.22	9.61
Jun	4.49	4.56	4.90	1986	6	10.53	1986	.61	1988	13.3	7.4	2.9	1.0	.96	1.37	2.03	2.62	3.22	3.86	4.59	5.45	6.59	8.42	10.14
Jul	4.90	4.31	3.62	2000	16	11.48	1996	1.54	1983	11.6	7.9	3.7	1.4	1.75	2.21	2.88	3.44	3.97	4.52	5.12	5.82	6.71	8.08	9.35
Aug	4.74	5.00	10.67	1955	19	9.48	1976	.94	1998	12.2	7.3	3.1	1.1	1.55	2.00	2.67	3.23	3.77	4.33	4.95	5.66	6.59	8.02	9.34
Sep	4.47	3.41	5.80	1999	17	11.64	1999	1.16	1986	11.8	7.2	2.9	1.2	1.15	1.57	2.22	2.79	3.36	3.95	4.61	5.40	6.43	8.05	9.57
Oct	4.40	4.00	5.31	1955	16	11.13	1995	1.53	1994	11.5	6.9	2.8	1.2	1.62	2.03	2.62	3.12	3.59	4.07	4.60	5.21	5.99	7.18	8.28
Nov	4.65	4.34	4.96	1950	26	9.14	1988	1.27	1976	13.6	7.9	3.0	1.2	2.04	2.45	3.03	3.51	3.95	4.39	4.87	5.42	6.11	7.17	8.12
Dec	4.31	4.06	5.74	1948	31	11.03	1973	1.27	1980	15.1	7.9	3.1	1.2	1.35	1.76	2.37	2.89	3.39	3.91	4.49	5.16	6.02	7.37	8.61
Ann	53.87	53.10	10.67	Aug 1955	19	12.16	May 1984	.61	Jun 1988	158.5	92.4	36.4	13.4	41.94	44.33	47.35	49.61	51.60	53.51	55.46	57.60	60.17	63.87	67.03

+ 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: 1942-2001

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

Complete documentation available from:  
[www.ncdc.noaa.gov/oa/climate/normal/usnormals.html](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatography of the United States

## No. 20 1971-2000

Station: NORFOLK 2 SW, CT

COOP ID: 065445

Climate Division: CT 1

NWS Call Sign:

Elevation: 1,340 Feet

Lat: 41° 58N

Lon: 73° 13W

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	21.0	20.5	8	6	14.0	1987	23	50.5	1987	39	1996	9	21	1996	11.6	5.9	2.3	1.2	.2	25.7	21.5	17.7	10.8
Feb	17.8	16.5	12	10	17.6	1983	12	39.9	1972	34	1978	8	25+	1994	9.6	4.9	2.0	.9	.2	24.8	22.6	19.8	14.3
Mar	15.9	12.7	8	6	25.0	1977	23	42.6	1993	37	1993	14	26	1971	8.1	4.4	1.5	.7	.1	20.1	16.1	13.4	9.2
Apr	7.7	4.6	2	#	21.0	1997	1	31.1	1997	26	1971	7	15	1971	3.4	2.0	.8	.3	.1	5.0	3.1	2.3	1.2
May	.7	.0	#	0	10.5	1977	10	20.0	1977	13	1977	10	1	1977	.2	.1	.1	.1	@	.1	.1	.1	@
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	.8	.0	#	0	6.5	1979	11	9.5	1987	10	1987	5	1	1987	.4	.2	.1	.1	.0	.3	.1	.1	@
Nov	5.8	4.3	1	#	10.5	1971	25	24.1	1971	15	1971	26	3	1971	3.7	1.5	.7	.3	.1	4.8	2.1	1.1	.2
Dec	17.2	16.9	4	3	16.5	1996	7	33.8	1996	29	1996	8	10	1995	9.6	5.1	2.0	1.0	.2	19.6	13.1	9.3	2.4
Ann	86.9	75.5	N/A	N/A	25.0	Mar 1977	23	50.5	Jan 1987	39	Jan 1996	9	26	Mar 1971	46.6	24.1	9.5	4.6	.9	100.4	78.7	63.8	38.1

+ 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States No. 20 1971-2000

Station: NORFOLK 2 SW, CT

COOP ID: 065445

Climate Division: CT 1

NWS Call Sign:

Elevation: 1,340 Feet

Lat: 41° 58N

Lon: 73° 13W

<b>Freeze Data</b>									
<b>Spring Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of later date in spring (thru Jul 31) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	6/07	6/02	5/29	5/26	5/22	5/19	5/16	5/12	5/07
<b>32</b>	5/23	5/19	5/15	5/12	5/10	5/07	5/04	5/01	4/26
<b>28</b>	5/08	5/04	5/01	4/28	4/26	4/23	4/20	4/17	4/13
<b>24</b>	4/23	4/19	4/16	4/14	4/12	4/10	4/08	4/05	4/01
<b>20</b>	4/12	4/08	4/05	4/03	4/01	3/29	3/27	3/24	3/20
<b>16</b>	4/06	4/02	3/30	3/27	3/25	3/23	3/20	3/17	3/13
<b>Fall Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of earlier date in fall (beginning Aug 1) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	9/11	9/15	9/18	9/20	9/22	9/25	9/27	9/30	10/03
<b>32</b>	9/20	9/25	9/29	10/02	10/05	10/07	10/10	10/14	10/19
<b>28</b>	10/03	10/08	10/11	10/14	10/17	10/19	10/22	10/26	10/30
<b>24</b>	10/18	10/23	10/27	10/30	11/02	11/05	11/08	11/12	11/17
<b>20</b>	10/29	11/04	11/07	11/11	11/14	11/17	11/20	11/24	11/29
<b>16</b>	11/14	11/18	11/21	11/24	11/26	11/28	12/01	12/04	12/08
<b>Freeze Free Period</b>									
<b>Temp (F)</b>	<b>Probability of longer than indicated freeze free period (Days)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	143	136	131	126	122	118	114	109	101
<b>32</b>	164	159	154	151	147	144	140	136	130
<b>28</b>	194	187	182	177	173	169	165	160	153
<b>24</b>	223	216	211	207	203	199	195	190	183
<b>20</b>	248	240	235	231	226	222	218	212	205
<b>16</b>	263	257	253	249	245	242	238	234	228

\* 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

**Station: NORFOLK 2 SW, CT**

**COOP ID: 065445**

**Climate Division: CT 1**

**NWS Call Sign:**

**Elevation: 1,340 Feet Lat: 41° 58N Lon: 73° 13W**

### 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
65	1381	1193	1042	661	319	93	17	35	202	552	835	1202	7532
60	1226	1053	887	512	187	27	1	3	88	401	685	1047	6117
57	1133	969	794	423	123	9	0	0	45	315	595	954	5360
55	1071	913	732	366	89	4	0	0	27	261	535	892	4890
50	916	773	577	233	32	0	0	0	5	148	387	737	3808
32	392	298	119	7	0	0	0	0	0	2	37	263	1118

### Cooling Degree Days (1)

Base	Cooling Degree Days (1)												
	Above	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
32	34	29	100	336	709	938	1117	1065	793	473	192	84	5870
55	0	0	0	4	84	252	404	352	130	19	0	0	1245
57	0	0	0	2	57	197	342	290	88	11	0	0	987
60	0	0	0	0	27	124	249	200	41	4	0	0	645
65	0	0	0	0	5	40	110	77	5	0	0	0	237
70	0	0	0	0	0	6	26	14	0	0	0	0	46

### 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	1	3	35	153	464	701	869	816	549	244	72	9	1	4	39	192	656	1357	2226	3042	3591	3835	3907	3916
45	0	0	11	83	321	551	714	661	403	138	31	2	0	0	11	94	415	966	1680	2341	2744	2882	2913	2915
50	0	0	5	38	194	404	559	506	262	64	9	0	0	0	5	43	237	641	1200	1706	1968	2032	2041	2041
55	0	0	2	15	101	263	404	355	148	20	4	0	0	0	2	17	118	381	785	1140	1288	1308	1312	1312
60	0	0	0	4	40	145	256	211	71	1	0	0	0	0	0	4	44	189	445	656	727	728	728	728
Base	Growing Degree Units for Corn (Monthly)												Growing Degree Units for Corn (Accumulated Monthly)											
50/86	0	1	24	96	264	423	564	515	310	125	38	3	0	1	25	121	385	808	1372	1887	2197	2322	2360	2363

(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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20

### 1971-2000

**Station: NORWICH PUB UTIL PLANT, CT**

**COOP ID: 065910**

**Climate Division: CT 2**

**NWS Call Sign:**

**Elevation: 20 Feet**

**Lat: 41° 32N**

**Lon: 72° 04W**

### 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	37.8	17.3	27.6	67+	1967	24	35.4	1998	-13+	1957	18	18.3	1977	1162	0	.0	.0	4.9	8.8	28.4	1.8
Feb	40.0	19.0	29.5	72	1981	18	36.2	1998	-17	1996	5	19.9	1979	994	0	.0	.0	5.3	5.7	24.8	.8
Mar	48.6	27.4	38.0	85	1998	31	42.9	1973	-1	1962	3	33.2	1984	837	0	.0	.0	14.6	.9	21.6	.0
Apr	58.9	37.3	48.1	91	1990	28	51.7	1986	17+	1964	1	44.3	1972	508	0	.0	.1	25.9	@	8.6	.0
May	70.5	47.6	59.1	98	1996	20	62.7	1998	26	1964	16	55.3	1990	201	15	.0	.7	30.7	.0	.4	.0
Jun	78.5	56.3	67.4	98+	1963	28	71.0	1999	33	1983	10	64.0	1974	30	101	.0	1.9	30.0	.0	.0	.0
Jul	83.8	62.5	73.2	101+	1991	21	77.8	1999	43	1988	1	70.0	1992	2	256	.2	4.9	31.0	.0	.0	.0
Aug	82.0	60.8	71.4	102	2001	10	74.8	1988	40+	1957	24	68.6	1982	3	203	@	2.6	31.0	.0	.0	.0
Sep	74.6	52.7	63.7	97	1983	11	68.0	1971	29	1957	29	60.7	1984	91	51	.0	.6	30.0	.0	.1	.0
Oct	63.9	40.0	52.0	88+	1956	16	56.8	1971	18	1980	30	47.7	1988	406	1	.0	.0	30.2	.0	5.9	.0
Nov	52.9	31.6	42.3	79+	1982	1	47.2	1975	6	1989	24	37.8	1976	683	0	.0	.0	19.4	.1	16.4	.0
Dec	42.2	23.3	32.8	77	1998	7	37.8	1996	-13	1980	26	19.5	1989	999	0	.0	.0	7.0	4.5	26.1	.4
Ann	61.1	39.7	50.4	102	Aug 2001	10	77.8	Jul 1999	-17	Feb 1996	5	18.3	Jan 1977	5916	627	.2	10.8	260.0	20.0	132.3	3.0

+ 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

# Climatology of the United States

## No. 20 1971-2000

Station: NORWICH PUB UTIL PLANT, CT

COOP ID: 065910

Climate Division: CT 2

NWS Call Sign:

Elevation: 20 Feet

Lat: 41°32N

Lon: 72°04W

### 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	Median	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	4.74	4.62	3.24	1979	21	14.04	1979	.60	1981	9.7	7.4	3.9	1.2	1.27	1.72	2.40	3.01	3.60	4.22	4.90	5.72	6.79	8.45	10.01	
Feb	3.82	3.81	2.65	1999	2	7.08	1981	.47	1987	8.6	6.0	2.5	1.3	1.25	1.61	2.15	2.60	3.04	3.49	3.98	4.56	5.30	6.46	7.52	
Mar	4.93	4.43	3.44	1998	9	9.82	1980	1.01	1981	10.3	7.6	3.3	1.2	1.97	2.42	3.06	3.60	4.10	4.61	5.16	5.80	6.61	7.85	8.98	
Apr	4.58	4.35	3.78	1983	10	12.93	1983	1.13	1999	10.7	7.0	3.0	1.3	1.55	1.98	2.61	3.15	3.67	4.20	4.78	5.46	6.33	7.68	8.92	
May	4.13	3.95	3.64	1967	25	8.85	1984	1.10	1986	11.9	7.7	2.9	.9	1.42	1.81	2.38	2.86	3.32	3.79	4.31	4.91	5.68	6.88	7.97	
Jun	3.68	2.65	6.11	1982	5	14.67	1998	.07	1999	10.2	5.9	2.3	1.0	.38	.65	1.16	1.67	2.22	2.84	3.57	4.49	5.73	7.79	9.81	
Jul	3.67	3.34	3.64	1980	29	7.59	1986	1.16	1979	9.1	5.5	2.3	1.2	1.12	1.46	1.99	2.43	2.87	3.32	3.82	4.40	5.16	6.34	7.43	
Aug	4.85	4.29	5.21	1991	19	12.34	1991	.77	1984	9.3	6.2	3.2	1.4	1.15	1.61	2.32	2.95	3.58	4.25	4.99	5.88	7.05	8.89	10.63	
Sep	4.29	3.84	4.12	1961	21	9.54	1977	1.08	1980	9.1	6.0	2.9	1.4	1.29	1.70	2.31	2.83	3.34	3.87	4.45	5.14	6.02	7.41	8.69	
Oct	4.53	4.51	4.35	1971	10	9.37	1989	.57	1994	8.8	6.2	3.1	1.3	1.25	1.68	2.33	2.90	3.46	4.04	4.69	5.45	6.45	8.01	9.47	
Nov	4.86	4.25	2.98	1983	16	10.75	1983	.43	1976	9.9	6.6	3.4	1.7	1.29	1.75	2.45	3.07	3.68	4.32	5.03	5.87	6.96	8.69	10.30	
Dec	4.70	4.00	3.47	1993	5	9.06	1972	1.14	1980	10.8	7.7	3.1	1.5	1.39	1.84	2.51	3.09	3.65	4.23	4.88	5.64	6.62	8.16	9.59	
Ann	52.78	52.41	6.11	Jun 1982	5	14.67	Jun 1998	.07	Jun 1999	118.4	79.8	35.9	15.4	41.03	43.39	46.36	48.58	50.54	52.41	54.34	56.44	58.98	62.62	65.73	

+ 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

Complete documentation available from:  
[www.ncdc.noaa.gov/oa/climate/normal/usnormals.html](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

Station: NORWICH PUB UTIL PLANT, CT

COOP ID: 065910

Climate Division: CT 2

NWS Call Sign:

Elevation: 20 Feet

Lat: 41°32N

Lon: 72°04W

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	3.3	2.5	2	#	8.0	1974	9	8.0	1974	25	1996	9	9	1982	2.2	1.4	.6	.2	.0	1.4	.4	.0	.0
Feb	7.2	3.6	2	1	10.0	1994	11	21.3	1994	16	1978	16	14	1978	2.0	1.4	.6	.2	.1	-9.9	-9.9	-9.9	-9.9
Mar	3.2	.1	#	0	7.7	1978	16	12.7	1978	9	1978	3	3	1978	1.3	.8	.3	.2	.0	1.9	.7	.2	.0
Apr	1.0	.0	#	0	9.0	1996	10	14.0	1996	3	1996	10	#+	1997	.2	.2	.1	.1	.0	.2	.1	.0	.0
May	#	.0	0	0	#	1977	9	#	1977	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	.3	.0	#	0	4.0	1980	17	4.0	1980	5	1986	19	#+	1996	.2	.2	@	.0	.0	.3	.1	.0	.0
Dec	3.7	2.3	#	#	5.5	1995	14	16.3	1995	10	1995	21	4	1995	1.5	1.0	.5	.1	.0	3.2	1.5	1.1	.2
Ann	18.7	8.5	N/A	N/A	10.0	Feb 1994	11	21.3	Feb 1994	25	Jan 1996	9	14	Feb 1978	7.4	5.0	2.1	.8	.1	-9.9	-9.9	-9.9	-9.9

+ 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](http://www.ncdc.noaa.gov/oa/climate/normals/usnormals.html)



# Climatography of the United States

## No. 20 1971-2000

Station: NORWICH PUB UTIL PLANT, CT

COOP ID: 065910

Climate Division: CT 2

NWS Call Sign:

Elevation: 20 Feet

Lat: 41° 32N

Lon: 72° 04W

<b>Freeze Data</b>									
<b>Spring Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of later date in spring (thru Jul 31) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	5/27	5/22	5/18	5/15	5/12	5/09	5/05	5/01	4/26
<b>32</b>	5/10	5/06	5/02	4/29	4/27	4/24	4/21	4/18	4/13
<b>28</b>	4/26	4/22	4/18	4/15	4/12	4/10	4/07	4/03	3/29
<b>24</b>	4/11	4/06	4/03	3/31	3/29	3/26	3/23	3/20	3/15
<b>20</b>	4/05	3/31	3/27	3/24	3/21	3/18	3/15	3/12	3/07
<b>16</b>	3/26	3/21	3/16	3/13	3/09	3/06	3/02	2/26	2/20
<b>Fall Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of earlier date in fall (beginning Aug 1) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	9/18	9/22	9/25	9/27	9/29	10/01	10/04	10/06	10/10
<b>32</b>	9/30	10/04	10/07	10/09	10/11	10/13	10/16	10/19	10/22
<b>28</b>	10/08	10/13	10/17	10/20	10/23	10/26	10/29	11/02	11/07
<b>24</b>	10/24	10/30	11/03	11/07	11/10	11/13	11/17	11/21	11/27
<b>20</b>	11/08	11/14	11/18	11/21	11/25	11/28	12/01	12/05	12/11
<b>16</b>	11/23	11/28	12/02	12/05	12/08	12/12	12/15	12/19	12/24
<b>Freeze Free Period</b>									
<b>Temp (F)</b>	<b>Probability of longer than indicated freeze free period (Days)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	155	150	146	143	140	137	134	130	125
<b>32</b>	183	178	174	170	167	163	160	156	150
<b>28</b>	215	207	202	197	193	189	184	179	171
<b>24</b>	249	241	235	230	226	221	216	210	202
<b>20</b>	269	262	256	252	247	243	238	233	226
<b>16</b>	297	289	283	278	273	269	264	258	250

\* 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

**Station: NORWICH PUB UTIL PLANT, CT**

**COOP ID: 065910**

**Climate Division: CT 2**

**NWS Call Sign:**

**Elevation: 20 Feet**

**Lat: 41° 32N**

**Lon: 72° 04W**

### Degree Days to Selected Base Temperatures (°F)

Base	Heating Degree Days (1)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Below 65	1162	994	837	508	201	30	2	3	91	406	683	999	5916
60	1007	854	682	359	93	4	0	0	29	261	533	844	4666
57	914	770	589	272	50	1	0	0	12	185	443	751	3987
55	852	714	527	218	30	0	0	0	6	140	384	689	3560
50	697	574	374	104	6	0	0	0	0	58	244	537	2594
32	222	153	28	0	0	0	0	0	0	0	7	119	529

### Cooling Degree Days (1)

Base	Cooling Degree Days (1)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Above 32	83	83	214	483	837	1062	1277	1223	950	618	314	142	7286
55	0	0	0	10	155	372	564	510	266	45	1	0	1923
57	0	0	0	5	112	312	502	448	212	28	0	0	1619
60	0	0	0	1	62	225	409	355	139	11	0	0	1202
65	0	0	0	0	15	101	256	203	51	1	0	0	627
70	0	0	0	0	2	27	122	79	9	0	0	0	239

### 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	16	22	88	268	586	818	1022	971	712	394	154	38	16	38	126	394	980	1798	2820	3791	4503	4897	5051	5089
45	2	2	35	145	431	668	867	816	562	250	77	11	2	4	39	184	615	1283	2150	2966	3528	3778	3855	3866
50	0	0	12	67	283	518	712	661	412	138	31	3	0	0	12	79	362	880	1592	2253	2665	2803	2834	2837
55	0	0	4	27	156	368	557	506	270	63	10	0	0	0	4	31	187	555	1112	1618	1888	1951	1961	1961
60	0	0	0	9	75	227	402	355	155	18	2	0	0	0	0	9	84	311	713	1068	1223	1241	1243	1243
Base	Growing Degree Units for Corn (Monthly)												Growing Degree Units for Corn (Accumulated Monthly)											
50/86	7	14	60	156	346	523	690	656	447	240	92	25	7	21	81	237	583	1106	1796	2452	2899	3139	3231	3256

(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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20

### 1971-2000

**Station: SHEPAUG DAM, CT**

**COOP ID: 067373**

**Climate Division: CT 1**

**NWS Call Sign:**

**Elevation: 840 Feet Lat: 41° 43N Lon: 73° 18W**

### 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	33.9	11.9	22.9	62	1973	19	31.1	1998	-27	1961	22	13.9	1982	1305	0	.0	.0	2.2	14.1	29.9	4.6
Feb	36.4	13.6	25.0	70	1985	25	33.1	1984	-20	1971	1	14.8	1979	1120	0	.0	.0	3.3	10.4	26.5	3.3
Mar	45.4	22.0	33.7	85	1998	31	39.6	1973	-11	1967	19	28.1	1984	971	0	.0	.0	10.7	3.5	26.2	.5
Apr	56.9	31.9	44.4	91	1976	20	47.9	1985	8	1970	1	39.6	1972	617	0	.0	.1	23.5	.1	13.9	.0
May	68.4	43.2	55.8	91	1962	20	60.0	1998	23	2001	1	52.8	1995	289	5	.0	.2	30.7	.0	1.3	.0
Jun	75.5	51.9	63.7	92+	1957	19	66.9	1976	33	1980	9	59.7	1985	84	45	.0	.6	30.0	.0	.0	.0
Jul	79.8	57.4	68.6	95+	1988	11	73.8	1999	42	1979	6	64.3	1996	24	135	.0	2.2	31.0	.0	.0	.0
Aug	78.2	55.9	67.1	96+	1955	6	70.6	1988	33	1953	6	64.1	1982	33	97	.0	.7	31.0	.0	.0	.0
Sep	70.5	48.4	59.5	95	1953	3	63.5	1971	27	1962	22	56.8	1975	174	7	.0	.3	30.0	.0	.4	.0
Oct	60.7	37.3	49.0	85+	1959	7	56.1	1971	20+	1966	31	44.6	1988	496	0	.0	.0	28.4	.0	7.7	.0
Nov	49.7	29.0	39.4	79	1982	3	45.3	1975	5	1989	24	33.8	1976	769	0	.0	.0	14.5	.7	18.5	.0
Dec	38.5	18.4	28.5	68	1984	30	35.5	1998	-17	1980	26	13.8	1989	1132	0	.0	.0	4.2	7.5	28.0	1.3
Ann	57.8	35.1	46.5	96+	Aug 1955	6	73.8	Jul 1999	-27	Jan 1961	22	13.8	Dec 1989	7014	289	.0	4.1	239.5	36.3	152.4	9.7

+ 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: 1948-2001

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

# Climatography of the United States

## No. 20 1971-2000

Station: SHEPAUG DAM, CT

COOP ID: 067373

Climate Division: CT 1

NWS Call Sign:

Elevation: 840 Feet Lat: 41° 43N

Lon: 73° 18W

### 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	3.94	3.56	2.70	1978	26	10.50	1979	.75	1981	10.0	7.7	2.8	1.0	1.05	1.42	1.99	2.50	2.99	3.50	4.08	4.76	5.65	7.04	8.34	
Feb	3.10	2.85	2.46	1973	3	10.15	1981	.25	1987	8.0	6.7	2.1	.7	.82	1.11	1.56	1.95	2.34	2.75	3.20	3.74	4.43	5.54	6.57	
Mar	4.42	3.72	3.45	1980	22	9.20	1980	.55	1981	9.8	8.0	3.0	1.4	1.57	1.98	2.58	3.09	3.58	4.07	4.61	5.24	6.05	7.29	8.44	
Apr	4.20	3.66	4.05	1987	5	9.45	1983	.55	1999	10.6	8.2	2.7	1.1	1.38	1.78	2.37	2.87	3.35	3.84	4.38	5.02	5.83	7.10	8.27	
May	4.51	4.20	3.00	1979	25	11.85	1984	.90	1993	11.0	8.8	2.9	1.1	1.26	1.68	2.33	2.90	3.45	4.03	4.67	5.43	6.41	7.95	9.39	
Jun	4.15	3.85	3.85	1982	6	10.95	1982	.45+	1999	9.6	7.7	2.5	1.2	.64	.99	1.59	2.17	2.76	3.41	4.16	5.07	6.30	8.29	10.20	
Jul	4.82	4.60	4.30	2000	16	8.77	1975	1.85	1999	9.5	8.0	3.6	1.5	1.98	2.43	3.05	3.56	4.04	4.52	5.05	5.66	6.42	7.59	8.66	
Aug	4.66	4.61	8.58	1955	19	10.85	1990	.90	1996	8.5	6.8	3.3	1.5	1.59	2.04	2.68	3.22	3.74	4.28	4.87	5.55	6.43	7.78	9.03	
Sep	4.60	3.96	5.35	1999	17	11.90	1999	1.10	1984	8.8	6.8	2.8	1.5	.98	1.41	2.08	2.69	3.31	3.96	4.70	5.59	6.76	8.62	10.39	
Oct	4.12	3.68	4.22	1955	15	10.00	1995	.80	1997	8.4	6.7	2.8	1.4	1.25	1.64	2.22	2.73	3.22	3.73	4.29	4.94	5.80	7.13	8.36	
Nov	4.19	4.06	2.88	1950	26	9.55	1988	1.45	1976	9.2	7.4	3.3	1.3	1.53	1.92	2.49	2.96	3.42	3.88	4.38	4.97	5.72	6.87	7.93	
Dec	3.86	3.83	3.89	1948	31	10.16	1973	.70	1989	10.0	7.2	2.9	1.0	1.01	1.37	1.93	2.42	2.91	3.42	3.98	4.65	5.53	6.91	8.20	
Ann	50.57	50.34	8.58	Aug 1955	19	11.90	Sep 1999	.25	Feb 1987	113.4	90.0	34.7	14.7	38.23	40.68	43.78	46.12	48.17	50.15	52.19	54.42	57.12	61.00	64.33	

+ 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/normal/usnormals.html](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

Station: SHEPAUG DAM, CT

COOP ID: 067373

Climate Division: CT 1

NWS Call Sign:

Elevation: 840 Feet

Lat: 41°43N

Lon: 73°18W

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	16.5	14.5	#	0	17.0	1996	8	41.0	1996	5	1993	15	2	1993	4.9	4.9	1.9	.9	.2	-9.9	-9.9	-9.9	-9.9
Feb	11.4	10.0	1	0	20.0	1983	12	29.0	1983	9	1988	12	4	1988	3.6	3.6	1.4	.5	.1	-9.9	-9.9	-9.9	-9.9
Mar	8.8	6.0	1	0	15.0	1993	14	35.0	1993	13	1993	15	7	1993	3.0	3.0	1.1	.5	.1	-9.9	-9.9	-9.9	-9.9
Apr	2.9	.0	#	0	16.0	1997	1	19.0	1997	#	1986	24	#	1986	.9	.9	.4	.2	.1	-9.9	-9.9	-9.9	-9.9
May	.1	.0	0	0	2.0	1977	9	2.0	1977	0	0	0	0	0	@	@	.0	.0	.0	-9.9	-9.9	-9.9	-9.9
Jun	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	-9.9	-9.9	-9.9	-9.9
Jul	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	-9.9	-9.9	-9.9	-9.9
Aug	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	-9.9	-9.9	-9.9	-9.9
Sep	.0	.0	0	0	.0	0	0	.0	0	0	0	0	0	0	.0	.0	.0	.0	.0	-9.9	-9.9	-9.9	-9.9
Oct	.2	.0	0	0	4.0	1979	11	6.0	1979	0	0	0	0	0	.1	.1	@	.0	.0	-9.9	-9.9	-9.9	-9.9
Nov	2.7	1.0	#	0	13.0	1971	25	15.6	1971	2	1994	28	#	1994	.9	.9	.4	.1	@	-9.9	-9.9	-9.9	-9.9
Dec	8.8	8.3	#	0	10.0	1992	12	25.0	1992	20	1992	13	5	1992	3.2	3.2	1.3	.5	@	-9.9	-9.9	-9.9	-9.9
Ann	51.4	39.8	N/A	N/A	20.0	Feb 1983	12	41.0	Jan 1996	20	Dec 1992	13	7	Mar 1993	16.6	16.6	6.5	2.7	.5	-9.9	-9.9	-9.9	-9.9

+ 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatography of the United States

## No. 20 1971-2000

Station: SHEPAUG DAM, CT

COOP ID: 067373

Climate Division: CT 1

NWS Call Sign:

Elevation: 840 Feet

Lat: 41° 43N

Lon: 73° 18W

<b>Freeze Data</b>									
<b>Spring Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of later date in spring (thru Jul 31) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	6/07	6/01	5/28	5/24	5/20	5/17	5/13	5/09	5/03
<b>32</b>	5/18	5/14	5/11	5/08	5/06	5/04	5/01	4/28	4/24
<b>28</b>	5/02	4/28	4/26	4/23	4/21	4/19	4/16	4/14	4/10
<b>24</b>	4/20	4/15	4/12	4/10	4/07	4/05	4/02	3/30	3/26
<b>20</b>	4/13	4/08	4/05	4/02	3/30	3/27	3/25	3/21	3/17
<b>16</b>	4/04	3/30	3/27	3/24	3/21	3/19	3/16	3/12	3/08
<b>Fall Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of earlier date in fall (beginning Aug 1) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	9/17	9/21	9/23	9/26	9/28	9/30	10/02	10/05	10/08
<b>32</b>	9/22	9/27	9/30	10/03	10/05	10/08	10/11	10/14	10/19
<b>28</b>	10/01	10/06	10/10	10/13	10/16	10/19	10/22	10/26	10/31
<b>24</b>	10/16	10/22	10/26	10/29	11/01	11/04	11/08	11/12	11/17
<b>20</b>	10/29	11/04	11/08	11/12	11/16	11/19	11/23	11/28	12/04
<b>16</b>	11/14	11/19	11/23	11/26	11/29	12/02	12/06	12/09	12/15
<b>Freeze Free Period</b>									
<b>Temp (F)</b>	<b>Probability of longer than indicated freeze free period (Days)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	150	143	138	134	129	125	121	116	109
<b>32</b>	168	162	158	155	152	149	145	141	136
<b>28</b>	198	191	186	181	177	173	168	163	156
<b>24</b>	228	221	216	211	207	203	199	194	187
<b>20</b>	255	246	240	235	230	225	220	213	205
<b>16</b>	277	269	262	257	252	247	242	236	227

\* 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

**Station: SHEPAUG DAM, CT**

**COOP ID: 067373**

**Climate Division: CT 1**

**NWS Call Sign:**

**Elevation: 840 Feet**

**Lat: 41° 43N**

**Lon: 73° 18W**

### 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
65	1305	1120	971	617	289	84	24	33	174	496	769	1132	7014
60	1150	980	816	468	159	21	3	4	68	347	619	977	5612
57	1057	896	723	380	99	6	0	0	32	264	529	884	4870
55	995	840	661	323	68	2	0	0	18	214	470	822	4413
50	840	700	507	196	21	0	0	0	3	113	327	670	3377
32	327	240	83	4	0	0	0	0	0	0	25	217	896

### Cooling Degree Days (1)

Base	Cooling Degree Days (1)												
	Above	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
32	45	44	135	377	739	951	1135	1087	823	527	245	108	6216
55	0	0	0	6	94	263	422	374	151	28	0	0	1338
57	0	0	0	3	62	207	360	312	105	16	0	0	1065
60	0	0	0	0	30	132	270	223	51	6	0	0	712
65	0	0	0	0	5	45	135	97	7	0	0	0	289
70	0	0	0	0	0	8	48	26	0	0	0	0	82

### 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	4	8	53	203	528	739	925	870	612	317	110	18	4	12	65	268	796	1535	2460	3330	3942	4259	4369	4387
45	0	0	19	110	374	589	770	715	462	192	52	2	0	0	19	129	503	1092	1862	2577	3039	3231	3283	3285
50	0	0	8	53	235	439	615	560	318	96	21	0	0	0	8	61	296	735	1350	1910	2228	2324	2345	2345
55	0	0	2	21	123	295	460	405	189	42	5	0	0	0	2	23	146	441	901	1306	1495	1537	1542	1542
60	0	0	1	6	52	170	309	258	94	10	0	0	0	0	1	7	59	229	538	796	890	900	900	900
Base	Growing Degree Units for Corn (Monthly)												Growing Degree Units for Corn (Accumulated Monthly)											
50/86	1	5	44	133	308	460	607	566	367	186	61	7	1	6	50	183	491	951	1558	2124	2491	2677	2738	2745

(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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20

### 1971-2000

**Station: STAMFORD 5 N, CT**

**COOP ID: 067970**

**Climate Division: CT 3**

**NWS Call Sign:**

**Elevation: 190 Feet Lat: 41°07N**

**Lon: 73°33W**

### 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	38.2	19.2	28.7	68	1974	27	37.1	1998	-18+	1961	22	18.3	1977	1125	0	.0	.0	3.8	8.2	27.9	2.0
Feb	41.3	21.0	31.2	74	1985	24	38.1	1998	-14	1979	11	21.4	1979	948	0	.0	.0	5.4	4.9	24.9	.8
Mar	50.4	28.7	39.6	85	1998	31	44.5	2000	-6	1967	19	34.0	1984	788	0	.0	.0	16.0	.6	20.7	.0
Apr	62.1	37.6	49.9	93+	1990	27	52.9	1994	16+	1964	1	45.1	1972	455	0	.0	.1	27.9	@	8.7	.0
May	72.8	47.4	60.1	97	1996	20	65.4	1991	28+	1956	9	56.4	1973	176	24	.0	1.0	31.0	.0	.7	.0
Jun	80.7	56.2	68.5	97+	1957	16	71.4	1994	35+	1964	5	64.8	1985	24	128	.0	2.6	30.0	.0	.0	.0
Jul	85.4	61.6	73.5	102	1995	15	77.5	1994	43	1979	6	70.4	2000	1	265	.2	6.5	31.0	.0	.0	.0
Aug	83.3	60.6	72.0	104	2001	9	75.2	1980	37	1965	31	68.9	1982	3	218	.0	3.9	31.0	.0	.0	.0
Sep	75.5	53.2	64.4	97	1983	11	67.6	1980	28	1957	28	60.4	1975	72	53	.0	.9	30.0	.0	@	.0
Oct	64.7	41.6	53.2	86	1979	22	59.1	1971	16	1976	28	48.6	1974	370	4	.0	.0	30.3	.0	5.2	.0
Nov	53.3	33.5	43.4	80	1974	1	48.0	1975	7	1989	24	37.0	1976	648	0	.0	.0	20.1	.1	15.1	.0
Dec	42.5	24.8	33.7	76	1998	7	39.0	1990	-13	1980	26	22.6	1989	972	0	.0	.0	6.5	3.7	24.7	.3
Ann	62.5	40.5	51.5	104	Aug 2001	9	77.5	Jul 1994	-18+	Jan 1961	22	18.3	Jan 1977	5582	692	.2	15.0	263.0	17.5	127.9	3.1

+ 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: 1955-2001

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



# Climatography of the United States

## No. 20 1971-2000

Station: STAMFORD 5 N, CT

COOP ID: 067970

Climate Division: CT 3

NWS Call Sign:

Elevation: 190 Feet Lat: 41°07N

Lon: 73°33W

### 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	Median	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	4.50	4.25	4.12	1979	21	11.52	1979	.67	1981	10.5	7.3	2.9	1.2	1.14	1.57	2.22	2.80	3.37	3.97	4.64	5.44	6.48	8.13	9.67	
Feb	3.32	3.26	2.82	1981	20	6.98	1981	.69	1987	9.7	6.3	2.2	.9	1.30	1.61	2.04	2.41	2.75	3.10	3.48	3.91	4.47	5.32	6.10	
Mar	4.70	4.36	3.77	1979	6	9.21	1983	.84	1981	10.9	7.5	3.3	1.3	1.63	2.07	2.72	3.26	3.79	4.32	4.91	5.59	6.47	7.82	9.06	
Apr	4.51	4.00	3.82	1987	4	12.71	1983	1.05	1985	12.5	7.3	2.8	1.0	1.47	1.89	2.53	3.06	3.58	4.11	4.70	5.39	6.27	7.64	8.91	
May	4.97	4.66	4.53	1968	29	13.81	1989	.87	1993	12.5	7.9	3.3	1.4	1.28	1.75	2.48	3.11	3.74	4.40	5.13	6.01	7.14	8.94	10.61	
Jun	4.33	3.93	6.12	1972	19	16.27	1972	.56	1988	11.7	7.0	3.2	1.2	.93	1.33	1.97	2.54	3.12	3.74	4.43	5.26	6.35	8.10	9.75	
Jul	4.09	3.88	4.04	1996	13	8.72	1984	1.24	1974	10.2	6.2	2.9	1.2	1.31	1.70	2.27	2.76	3.23	3.72	4.26	4.89	5.70	6.96	8.13	
Aug	4.26	4.59	3.62	1991	19	8.44	1991	.44	1995	9.7	6.6	2.8	1.4	.91	1.30	1.93	2.50	3.07	3.67	4.36	5.18	6.26	7.98	9.61	
Sep	4.82	3.99	5.02	1999	16	12.95	1999	1.35	1986	9.8	6.3	2.9	1.5	1.03	1.47	2.18	2.82	3.46	4.15	4.93	5.86	7.09	9.05	10.90	
Oct	4.42	3.95	4.16	1972	7	9.71	1990	.73	2000	9.2	5.9	2.6	1.2	1.13	1.55	2.19	2.76	3.32	3.91	4.56	5.34	6.35	7.96	9.46	
Nov	4.58	4.09	3.36	1977	8	9.35	1988	.37	1976	10.6	6.3	3.2	1.6	1.45	1.88	2.52	3.08	3.61	4.16	4.76	5.47	6.39	7.81	9.13	
Dec	4.29	4.05	3.02	1986	3	9.73	1973	.57	1980	11.3	7.2	2.9	1.1	1.02	1.42	2.05	2.61	3.16	3.75	4.41	5.19	6.22	7.85	9.38	
Ann	52.79	51.53	6.12	Jun 1972	19	16.27	Jun 1972	.37	Nov 1976	128.6	81.8	35.0	15.0	39.77	42.34	45.62	48.08	50.25	52.34	54.49	56.85	59.70	63.81	67.33	

+ 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: 1955-2001

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

Complete documentation available from:  
[www.ncdc.noaa.gov/oa/climate/normals/usnormals.html](http://www.ncdc.noaa.gov/oa/climate/normals/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

Station: STAMFORD 5 N, CT

COOP ID: 067970

Climate Division: CT 3

NWS Call Sign:

Elevation: 190 Feet

Lat: 41°07N

Lon: 73°33W

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	9.3	7.4	3	2	13.0	1996	8	27.8	1996	20	1996	10	9	1996	4.8	3.1	1.1	.4	.1	4.3	1.5	.4	.0
Feb	8.3	7.1	2	2	16.0	1983	12	21.0	1983	21	1994	11	11	1994	4.3	2.4	1.0	.5	.1	-9.9	-9.9	-9.9	-9.9
Mar	4.9	3.8	1	#	14.0	1993	13	19.4	1993	15	1994	3	8	1994	2.5	1.5	.6	.3	@	1.6	.6	.3	.0
Apr	.8	.0	#	0	10.0	1982	6	11.0	1982	10	1982	6	#+	2000	.4	.3	.1	@	@	@	@	@	@
May	#	.0	0	0	#	1977	9	#	1977	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	.8	1979	10	.8	1979	#	2000	29	#	2000	@	.0	.0	.0	.0	.0	.0	.0	.0
Nov	.7	.0	#	0	5.0	1989	23	5.0	1989	4	1989	23	#+	1999	.4	.2	.1	@	.0	.2	.1	.0	.0
Dec	4.6	4.0	1	#	13.0	2000	30	17.1	2000	13	2000	30	5	1976	2.7	1.4	.4	.1	@	2.1	.8	.3	.0
Ann	28.6	22.3	N/A	N/A	16.0	Feb 1983	12	27.8	Jan 1996	21	Feb 1994	11	11	Feb 1994	15.1	8.9	3.3	1.3	.2	-9.9	-9.9	-9.9	-9.9

+ 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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# Climatography of the United States

## No. 20 1971-2000

Station: STAMFORD 5 N, CT

COOP ID: 067970

Climate Division: CT 3

NWS Call Sign:

Elevation: 190 Feet

Lat: 41° 07N

Lon: 73° 33W

<b>Freeze Data</b>									
<b>Spring Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of later date in spring (thru Jul 31) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	5/25	5/20	5/17	5/15	5/12	5/09	5/07	5/04	4/29
<b>32</b>	5/11	5/07	5/04	5/01	4/29	4/26	4/23	4/20	4/16
<b>28</b>	4/26	4/22	4/19	4/16	4/14	4/11	4/09	4/06	4/02
<b>24</b>	4/11	4/06	4/03	4/01	3/29	3/27	3/24	3/21	3/17
<b>20</b>	3/31	3/27	3/25	3/22	3/20	3/18	3/16	3/13	3/10
<b>16</b>	3/25	3/19	3/15	3/12	3/08	3/05	3/01	2/25	2/19
<b>Fall Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of earlier date in fall (beginning Aug 1) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	9/21	9/24	9/27	9/29	10/01	10/03	10/06	10/08	10/12
<b>32</b>	10/01	10/04	10/07	10/10	10/12	10/14	10/16	10/19	10/23
<b>28</b>	10/12	10/16	10/20	10/23	10/26	10/28	10/31	11/04	11/08
<b>24</b>	10/22	10/28	11/01	11/05	11/08	11/12	11/15	11/19	11/25
<b>20</b>	11/06	11/12	11/17	11/20	11/24	11/27	12/01	12/05	12/11
<b>16</b>	11/19	11/26	12/01	12/06	12/10	12/14	12/19	12/24	12/31
<b>Freeze Free Period</b>									
<b>Temp (F)</b>	<b>Probability of longer than indicated freeze free period (Days)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	157	152	148	145	142	139	135	131	126
<b>32</b>	182	176	172	169	166	162	159	155	149
<b>28</b>	213	207	202	198	194	190	186	181	175
<b>24</b>	245	237	232	228	223	219	215	209	202
<b>20</b>	269	262	257	252	248	243	239	234	226
<b>16</b>	307	296	289	282	276	270	264	256	246

\* 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

**Station: STAMFORD 5 N, CT**

**COOP ID: 067970**

**Climate Division: CT 3**

**NWS Call Sign:**

**Elevation: 190 Feet**

**Lat: 41°07N**

**Lon: 73°33W**

### Degree Days to Selected Base Temperatures (°F)

Base	Heating Degree Days (1)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Below													
65	1125	948	788	455	176	24	1	3	72	370	648	972	5582
60	970	808	633	307	77	3	0	0	20	233	498	817	4366
57	877	724	540	224	39	1	0	0	7	163	409	724	3708
55	815	668	478	173	23	0	0	0	3	124	350	662	3296
50	662	528	331	74	4	0	0	0	0	52	216	514	2381
32	211	134	23	0	0	0	0	0	0	0	5	111	484

### Cooling Degree Days (1)

Base	Cooling Degree Days (1)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Above													
32	109	110	258	535	871	1094	1287	1238	971	656	347	162	7638
55	0	0	0	18	180	404	574	525	284	67	2	0	2054
57	0	0	0	9	135	345	512	463	228	44	1	0	1737
60	0	0	0	2	80	257	419	370	151	21	0	0	1300
65	0	0	0	0	24	128	265	218	53	4	0	0	692
70	0	0	0	0	4	42	127	91	8	0	0	0	272

### 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	13	26	97	308	636	857	1047	999	743	423	162	38	13	39	136	444	1080	1937	2984	3983	4726	5149	5311	5349
45	0	6	42	181	481	707	892	844	593	277	83	11	0	6	48	229	710	1417	2309	3153	3746	4023	4106	4117
50	0	0	13	89	326	557	737	689	443	158	35	2	0	0	13	102	428	985	1722	2411	2854	3012	3047	3049
55	0	0	4	36	188	408	582	534	300	70	9	0	0	0	4	40	228	636	1218	1752	2052	2122	2131	2131
60	0	0	0	11	92	264	427	380	174	25	1	0	0	0	0	11	103	367	794	1174	1348	1373	1374	1374
Base	Growing Degree Units for Corn (Monthly)												Growing Degree Units for Corn (Accumulated Monthly)											
50/86	7	15	65	196	385	559	711	678	471	255	93	21	7	22	87	283	668	1227	1938	2616	3087	3342	3435	3456

(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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

Station: STORRS, CT

COOP ID: 068138

Climate Division: CT 2

NWS Call Sign:

Elevation: 650 Feet

Lat: 41° 48N

Lon: 72° 15W

### 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	33.7	17.2	25.5	68	1906	21	34.2	1990	-19	1948	19	16.9	1977	1227	0	.0	.0	2.8	13.8	28.8	2.6
Feb	36.0	19.3	27.7	69+	1954	16	34.5	1998	-20	1934	9	17.5	1979	1047	0	.0	.0	3.0	10.7	25.9	1.2
Mar	44.8	27.8	36.3	83	1945	29	41.6	1973	-6	1948	6	30.2	1984	890	0	.0	.0	9.0	3.3	23.1	.0
Apr	55.8	37.1	46.5	90+	1976	20	50.5	1976	10	1954	4	41.4	1972	557	0	.0	.1	22.1	.1	8.8	.0
May	67.3	46.8	57.1	92+	1911	22	61.4	1991	25+	1900	11	53.4+	1997	254	7	.0	.1	30.4	.0	.4	.0
Jun	75.0	55.4	65.2	95+	1919	3	68.4	1999	35+	1907	1	61.6	1985	60	66	.0	.4	30.0	.0	.0	.0
Jul	79.6	60.9	70.3	101	1919	6	74.3	1994	32	1909	2	67.3	2000	5	167	.0	1.3	31.0	.0	.0	.0
Aug	77.9	59.3	68.6	97	1949	10	71.6	1988	37	1940	25	65.5	1986	15	127	.0	.5	31.0	.0	.0	.0
Sep	70.7	51.7	61.2	97	1953	2	65.5	1983	26	1941	30	57.6	1975	136	22	.0	.3	30.0	.0	.1	.0
Oct	60.5	41.1	50.8	89	1908	18	55.9	1971	16	1925	31	46.0	1974	442	1	.0	.0	28.2	.0	4.4	.0
Nov	49.4	33.3	41.4	82	1950	2	46.3	1975	1	1938	26	37.0	1976	709	0	.0	.0	14.4	1.0	14.7	.0
Dec	38.5	23.2	30.9	73	1998	8	37.6	1998	-17+	1917	30	16.8	1989	1059	0	.0	.0	4.6	8.3	26.5	.5
Ann	57.4	39.4	48.5	101	1919	6	74.3	1994	-20	1934	9	16.8	1989	6401	390	.0	2.7	236.5	37.2	132.7	4.3

+ 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: 1888-2001

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

# Climatology of the United States

## No. 20 1971-2000

Station: STORRS, CT

COOP ID: 068138

Climate Division: CT 2

NWS Call Sign:

Elevation: 650 Feet Lat: 41°48N

Lon: 72°15W

### 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	Median	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	4.61	4.51	3.65	1978	26	13.79	1979	.64	1981	10.6	7.0	3.1	1.3	1.01	1.44	2.11	2.72	3.34	3.99	4.72	5.60	6.76	8.60	10.34
Feb	3.66	3.44	2.90	1900	13	7.89	1981	.56	1987	8.8	6.3	2.3	1.0	1.22	1.57	2.08	2.51	2.92	3.35	3.82	4.36	5.07	6.15	7.16
Mar	4.45	4.05	3.39	1936	18	9.50	1980	.55	1981	10.2	6.9	3.2	1.4	1.61	2.03	2.63	3.14	3.62	4.11	4.65	5.27	6.07	7.30	8.43
Apr	4.36	4.06	3.08	1923	28	10.94	1983	1.50	1985	10.5	7.2	2.8	1.2	1.45	1.86	2.47	2.98	3.48	3.99	4.55	5.20	6.04	7.35	8.55
May	4.00	3.92	4.92	1940	31	9.21	1984	.93	1993	11.5	7.8	2.7	1.1	1.44	1.82	2.36	2.82	3.25	3.70	4.18	4.75	5.47	6.58	7.60
Jun	3.93	3.05	4.26	1903	21	12.79	1982	.13	1999	11.1	7.2	2.2	1.1	.63	.97	1.54	2.08	2.64	3.25	3.95	4.80	5.94	7.78	9.55
Jul	4.41	4.06	4.67	1965	18	8.96	1980	1.36	1987	10.2	7.0	3.2	1.2	1.78	2.18	2.76	3.23	3.68	4.13	4.62	5.19	5.91	7.01	8.01
Aug	4.25	3.34	5.69	1955	19	9.99	1989	.47	1984	9.3	6.3	3.0	1.1	1.03	1.43	2.05	2.60	3.15	3.73	4.37	5.14	6.15	7.74	9.23
Sep	4.42	3.95	6.21	1938	21	9.95	1975	.90	1986	9.2	6.6	3.0	1.4	1.12	1.54	2.18	2.75	3.31	3.90	4.56	5.35	6.37	7.99	9.50
Oct	4.64	4.40	5.48	1990	14	10.70	1990	.99	1994	9.1	6.0	2.8	1.6	1.55	1.99	2.63	3.18	3.70	4.25	4.84	5.53	6.42	7.80	9.08
Nov	4.58	4.73	4.50	1927	3	9.24	1988	.78	1976	9.7	7.0	3.2	1.6	1.56	2.00	2.63	3.16	3.68	4.20	4.78	5.45	6.31	7.64	8.87
Dec	4.33	4.09	3.13	1888	17	9.97	1973	1.11	1980	10.4	7.4	3.0	1.2	1.18	1.58	2.21	2.76	3.29	3.85	4.48	5.21	6.17	7.68	9.08
Ann	51.64	50.95	6.21	Sep 1938	21	13.79	Jan 1979	.13	Jun 1999	120.6	82.7	34.5	15.2	40.82	43.00	45.75	47.80	49.60	51.33	53.09	55.02	57.34	60.66	63.50

+ 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: 1888-2001

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

Complete documentation available from:

[www.ncdc.noaa.gov/oa/climate/normals/usnormals.html](http://www.ncdc.noaa.gov/oa/climate/normals/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

Station: STORRS, CT

COOP ID: 068138

Climate Division: CT 2

NWS Call Sign:

Elevation: 650 Feet

Lat: 41°48N

Lon: 72°15W

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	7.4	7.0	2	#	7.5	1976	22	14.0	1974	16	1978	25	8	1994	3.6	2.8	1.2	.5	.0	-9.9	-9.9	-9.9	-9.9
Feb	7.6	5.9	2	#	13.0	1983	12	23.0	1983	14	1994	14	8	1994	3.4	2.5	.9	.4	.1	-9.9	-9.9	-9.9	-9.9
Mar	4.8	2.1	#	0	8.0	1978	17	14.5	1996	9	1994	4	2	1994	1.8	1.6	.6	.3	.0	3.5	1.7	.9	.0
Apr	1.7	.0	0	0	12.5	1996	10	15.0	1996	13	1996	10	1	1996	.4	.3	.2	.1	.1	.2	.1	.1	.1
May	.1	.0	#	0	2.0	1977	10	3.0	1977	2	1977	10	#	1977	.1	.1	.0	.0	.0	.1	.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	.2	.0	#	0	4.5	1979	10	4.5	1979	5	1979	10	#	1979	@	@	@	.0	.0	.2	.1	.1	.0
Nov	1.9	1.0	#	0	6.0	1987	12	6.5	1978	6	1980	18	1	1980	.8	.7	.3	.1	.0	.9	.4	.1	.0
Dec	7.2	7.0	1	#	9.0	1989	16	17.5	1976	11	1996	9	2	1997	2.6	2.2	1.0	.3	.0	5.6	3.2	1.6	.4
Ann	30.9	23.0	N/A	N/A	13.0	Feb 1983	12	23.0	Feb 1983	16	Jan 1978	25	8+	Feb 1994	12.7	10.2	4.2	1.7	.2	-9.9	-9.9	-9.9	-9.9

+ 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatography of the United States

## No. 20 1971-2000

Station: STORRS, CT

COOP ID: 068138

Climate Division: CT 2

NWS Call Sign:

Elevation: 650 Feet

Lat: 41° 48N

Lon: 72° 15W

<b>Freeze Data</b>									
<b>Spring Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of later date in spring (thru Jul 31) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	5/23	5/18	5/14	5/10	5/07	5/04	5/01	4/27	4/21
<b>32</b>	5/09	5/04	5/01	4/28	4/25	4/22	4/20	4/16	4/12
<b>28</b>	4/27	4/22	4/18	4/15	4/12	4/09	4/06	4/03	3/29
<b>24</b>	4/10	4/06	4/03	3/31	3/29	3/26	3/24	3/21	3/16
<b>20</b>	4/06	4/01	3/28	3/25	3/22	3/20	3/17	3/13	3/08
<b>16</b>	3/30	3/24	3/20	3/16	3/12	3/09	3/05	2/28	2/22
<b>Fall Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of earlier date in fall (beginning Aug 1) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	9/20	9/24	9/27	9/29	10/02	10/04	10/06	10/09	10/13
<b>32</b>	9/29	10/05	10/09	10/13	10/16	10/19	10/23	10/27	11/02
<b>28</b>	10/11	10/17	10/21	10/25	10/28	11/01	11/04	11/09	11/15
<b>24</b>	10/25	11/01	11/06	11/10	11/14	11/18	11/22	11/26	12/03
<b>20</b>	11/11	11/16	11/20	11/23	11/26	11/29	12/02	12/06	12/11
<b>16</b>	11/23	11/28	12/02	12/05	12/08	12/11	12/14	12/17	12/23
<b>Freeze Free Period</b>									
<b>Temp (F)</b>	<b>Probability of longer than indicated freeze free period (Days)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	163	157	153	150	147	143	140	136	131
<b>32</b>	198	189	183	178	173	168	163	157	148
<b>28</b>	223	214	208	203	198	193	188	182	174
<b>24</b>	253	245	239	234	229	224	219	213	205
<b>20</b>	270	262	257	252	248	244	239	234	226
<b>16</b>	297	287	281	275	270	265	259	252	243

\* 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)



# Climatology of the United States

## No. 20 1971-2000

Station: STORRS, CT

COOP ID: 068138

Climate Division: CT 2

NWS Call Sign:

Elevation: 650 Feet

Lat: 41° 48N

Lon: 72° 15W

### Degree Days to Selected Base Temperatures (°F)

Base	Heating Degree Days (1)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Below													
65	1227	1047	890	557	254	60	5	15	136	442	709	1059	6401
60	1072	907	735	408	130	13	0	1	50	295	559	904	5074
57	979	823	642	320	76	3	0	0	23	217	469	811	4363
55	917	767	580	265	49	1	0	0	12	171	410	749	3921
50	762	627	427	143	11	0	0	0	2	80	271	599	2922
32	268	189	48	1	0	0	0	0	0	0	12	167	685

### Cooling Degree Days (1)

Base	Cooling Degree Days (1)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Above													
32	63	67	181	433	776	996	1185	1135	875	582	293	131	6717
55	0	0	0	7	112	308	472	422	197	40	1	0	1559
57	0	0	0	3	76	250	410	360	148	24	0	0	1271
60	0	0	0	1	38	169	317	268	85	9	0	0	887
65	0	0	0	0	7	66	167	127	22	1	0	0	390
70	0	0	0	0	0	14	54	35	2	0	0	0	105

### 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	13	13	65	221	536	767	951	900	645	355	133	33	13	26	91	312	848	1615	2566	3466	4111	4466	4599	4632
45	0	0	28	120	383	617	796	745	495	218	64	9	0	0	28	148	531	1148	1944	2689	3184	3402	3466	3475
50	0	0	7	56	239	468	641	590	348	121	24	1	0	0	7	63	302	770	1411	2001	2349	2470	2494	2495
55	0	0	3	25	125	319	486	435	216	52	6	0	0	0	3	28	153	472	958	1393	1609	1661	1667	1667
60	0	0	0	8	56	189	332	283	112	14	0	0	0	0	0	8	64	253	585	868	980	994	994	994
Base	Growing Degree Units for Corn (Monthly)												Growing Degree Units for Corn (Accumulated Monthly)											
50/86	1	6	39	120	298	479	638	592	379	188	60	13	1	7	46	166	464	943	1581	2173	2552	2740	2800	2813

(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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20

### 1971-2000

**Station: WEST THOMPSON LAKE, CT**

**COOP ID: 069388**

**Climate Division: CT 2**

**NWS Call Sign:**

**Elevation: 360 Feet**

**Lat: 41° 57N**

**Lon: 71° 54W**

### 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	35.4	12.6	24.0	65+	1966	1	32.3	1990	-23	1984	22	13.9	1981	1272	0	.0	.0	3.2	11.9	29.9	5.0
Feb	37.7	14.6	26.2	70	1985	25	33.5	1998	-21+	1967	13	16.6	1979	1089	0	.0	.0	3.9	8.9	26.5	3.5
Mar	46.5	24.0	35.3	84+	1977	31	40.6	2000	-15	1967	19	29.3	1984	923	0	.0	.0	11.5	2.2	25.0	.1
Apr	57.7	33.2	45.5	94	1976	20	49.6	1976	2	1982	8	40.2	1972	587	0	.0	.2	23.2	.1	13.3	.0
May	69.4	43.4	56.4	96	1992	24	61.0	1991	24	1968	8	52.8	1990	272	6	.0	.7	30.4	.0	2.0	.0
Jun	77.3	52.7	65.0	97	1967	12	68.6	1976	32	1980	12	61.8	1982	63	63	.0	1.6	30.0	.0	@	.0
Jul	82.4	58.3	70.4	100	1982	19	74.9	1994	40+	1979	7	66.2	1992	8	173	@	3.6	31.0	.0	.0	.0
Aug	80.4	57.1	68.8	100	1975	3	72.3	1984	35	1986	29	65.8	1992	18	134	@	1.8	31.0	.0	.0	.0
Sep	72.6	48.3	60.5	97	1983	12	64.1	1971	29+	1966	27	57.3	1978	151	14	.0	.4	30.0	.0	.8	.0
Oct	62.0	36.0	49.0	85+	1968	3	55.1	1971	14	1966	31	44.7	1974	496	0	.0	.0	29.1	.0	11.9	.0
Nov	51.1	29.6	40.4	80	1982	3	45.3	1979	-2	1989	25	35.9	1976	739	0	.0	.0	16.0	.7	20.4	.1
Dec	39.8	19.4	29.6	74	1998	8	36.3	1998	-20	1980	26	15.4	1989	1099	0	.0	.0	5.4	6.7	28.3	1.2
Ann	59.4	35.8	47.6	100+		Jul 1982	74.9	Jul 1994	-23	Jan 1984	22	13.9	Jan 1981	6717	390	.0	8.3	244.7	30.5	158.1	9.9

+ 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: 1965-2001

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

# Climatology of the United States

## No. 20 1971-2000

Station: WEST THOMPSON LAKE, CT

COOP ID: 069388

Climate Division: CT 2

NWS Call Sign:

Elevation: 360 Feet Lat: 41°57N

Lon: 71°54W

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	Median	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	4.68	4.48	3.30	1978	26	12.89	1979	.67	1981	10.6	7.2	3.2	1.3	1.17	1.61	2.29	2.89	3.49	4.12	4.82	5.66	6.75	8.48	10.11
Feb	3.32	3.25	2.35	1970	4	7.59	1981	.51	1978	9.0	6.1	2.4	.7	1.09	1.40	1.87	2.26	2.64	3.03	3.46	3.97	4.61	5.62	6.54
Mar	4.44	3.93	3.60	1980	22	7.85	1980	.75	1981	10.6	7.3	3.1	1.0	1.80	2.20	2.78	3.26	3.71	4.16	4.66	5.22	5.95	7.05	8.05
Apr	4.40	4.39	3.15	1996	17	10.74	1987	1.44	1999	10.7	7.2	2.8	1.3	1.46	1.87	2.49	3.01	3.51	4.02	4.59	5.25	6.10	7.42	8.63
May	3.94	3.73	2.30	1972	4	7.93	1984	.85	1993	12.2	7.8	2.5	.9	1.51	1.88	2.40	2.83	3.25	3.67	4.12	4.65	5.32	6.34	7.28
Jun	4.00	3.27	3.90	2001	18	11.24	1982	.24	1999	11.0	6.5	2.5	1.1	.66	1.01	1.59	2.14	2.70	3.32	4.02	4.88	6.02	7.88	9.65
Jul	4.55	4.11	4.95	1980	30	9.81	1988	1.53	1983	9.9	6.6	3.1	1.4	1.95	2.36	2.94	3.41	3.85	4.29	4.77	5.31	6.00	7.06	8.01
Aug	4.47	3.91	4.78	1991	20	9.48	1991	.38	1984	9.4	6.5	2.8	1.4	1.12	1.54	2.19	2.77	3.34	3.94	4.61	5.41	6.45	8.10	9.64
Sep	4.00	3.40	3.75	1999	11	9.43	1999	.65	1986	8.7	6.2	2.7	1.0	.99	1.36	1.94	2.46	2.97	3.51	4.12	4.83	5.77	7.26	8.65
Oct	4.43	3.85	4.62	1990	14	11.84	1990	.66	1994	8.4	5.7	2.7	1.4	1.15	1.57	2.22	2.78	3.34	3.93	4.58	5.35	6.36	7.96	9.45
Nov	4.70	4.97	2.65	1988	21	8.61	1988	.88	1976	9.8	6.7	3.1	1.4	1.58	2.03	2.68	3.23	3.76	4.31	4.91	5.61	6.50	7.89	9.18
Dec	4.32	3.91	2.15	1996	2	9.22	1996	1.02	1980	10.5	7.3	2.7	1.1	1.12	1.53	2.16	2.71	3.25	3.82	4.46	5.22	6.20	7.76	9.21
Ann	51.25	50.75	4.95	Jul 1980	30	12.89	Jan 1979	.24	Jun 1999	120.8	81.1	33.6	14.0	41.29	43.32	45.85	47.75	49.40	50.99	52.60	54.37	56.49	59.52	62.10

+ 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: 1965-2001

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

Complete documentation available from:  
[www.ncdc.noaa.gov/oa/climate/normals/usnormals.html](http://www.ncdc.noaa.gov/oa/climate/normals/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

Station: WEST THOMPSON LAKE, CT

COOP ID: 069388

Climate Division: CT 2

NWS Call Sign:

Elevation: 360 Feet

Lat: 41°57N

Lon: 71°54W

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	11.1	8.8	4	2	12.0	1983	16	28.5	1978	24	1978	23	13	1996	3.8	3.4	1.3	.8	.1	12.7	8.4	6.7	3.8
Feb	8.2	6.8	3	2	20.0	1978	7	24.0	1978	30	1978	9	15	1978	3.2	2.9	1.2	.6	@	11.5	8.6	6.5	2.5
Mar	5.8	3.5	1	#	10.0	1972	15	18.0	1972	17	1978	17	11	1978	2.1	1.9	.8	.4	@	4.0	2.1	1.3	.8
Apr	1.2	.0	#	#	13.0	1982	7	14.0	1982	14	1982	8	2	1982	.3	.3	.1	.1	@	.5	.2	.1	.1
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	.1	.0	#	0	2.0	1979	11	2.0	1979	2	1979	11	#+	1979	@	@	.0	.0	.0	@	.0	.0	.0
Nov	1.8	.0	#	#	8.0	1986	19	10.0	1986	8	1986	19	1	1997	.7	.6	.2	.1	.0	1.5	.5	.2	.0
Dec	6.0	6.0	1	1	11.0	1981	6	17.0	1981	17	1976	30	6	1995	2.9	2.5	.9	.4	@	6.6	2.8	1.5	.2
Ann	34.2	25.1	N/A	N/A	20.0	Feb 1978	7	28.5	Jan 1978	30	Feb 1978	9	15	Feb 1978	13.0	11.6	4.5	2.4	.1	36.8	22.6	16.3	7.4

+ 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatography of the United States

## No. 20 1971-2000

Station: WEST THOMPSON LAKE, CT

COOP ID: 069388

Climate Division: CT 2

NWS Call Sign:

Elevation: 360 Feet

Lat: 41° 57N

Lon: 71° 54W

<b>Freeze Data</b>									
<b>Spring Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of later date in spring (thru Jul 31) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	6/06	6/01	5/28	5/24	5/21	5/18	5/15	5/11	5/05
<b>32</b>	5/25	5/20	5/17	5/14	5/11	5/08	5/05	5/02	4/27
<b>28</b>	5/07	5/03	5/01	4/29	4/27	4/25	4/23	4/20	4/17
<b>24</b>	4/24	4/19	4/16	4/12	4/09	4/07	4/03	3/31	3/26
<b>20</b>	4/11	4/06	4/03	3/31	3/28	3/26	3/23	3/19	3/15
<b>16</b>	4/01	3/28	3/24	3/22	3/19	3/17	3/14	3/11	3/06
<b>Fall Freeze Dates (Month/Day)</b>									
<b>Temp (F)</b>	<b>Probability of earlier date in fall (beginning Aug 1) than indicated(*)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	9/05	9/10	9/14	9/17	9/19	9/22	9/25	9/29	10/04
<b>32</b>	9/21	9/25	9/28	9/30	10/02	10/04	10/07	10/10	10/13
<b>28</b>	10/02	10/06	10/09	10/11	10/13	10/16	10/18	10/21	10/25
<b>24</b>	10/11	10/17	10/22	10/26	10/29	11/01	11/05	11/10	11/16
<b>20</b>	10/21	10/28	11/01	11/05	11/09	11/13	11/17	11/22	11/28
<b>16</b>	11/09	11/15	11/19	11/23	11/26	11/30	12/03	12/08	12/14
<b>Freeze Free Period</b>									
<b>Temp (F)</b>	<b>Probability of longer than indicated freeze free period (Days)</b>								
	<b>.10</b>	<b>.20</b>	<b>.30</b>	<b>.40</b>	<b>.50</b>	<b>.60</b>	<b>.70</b>	<b>.80</b>	<b>.90</b>
<b>36</b>	139	132	128	124	121	117	113	109	102
<b>32</b>	158	153	149	146	144	141	138	134	129
<b>28</b>	187	180	176	172	169	165	162	157	151
<b>24</b>	222	215	210	206	202	198	194	188	182
<b>20</b>	250	241	235	230	225	220	215	209	201
<b>16</b>	274	266	261	256	251	247	242	236	229

\* 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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)

# Climatology of the United States

## No. 20 1971-2000

**Station: WEST THOMPSON LAKE, CT**

**COOP ID: 069388**

**Climate Division: CT 2**

**NWS Call Sign:**

**Elevation: 360 Feet**

**Lat: 41°57N**

**Lon: 71°54W**

### Degree Days to Selected Base Temperatures (°F)

Base	Heating Degree Days (1)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Below													
65	1272	1089	923	587	272	63	8	18	151	496	739	1099	6717
60	1117	949	768	437	145	14	0	1	56	345	589	944	5365
57	1024	865	675	349	87	4	0	0	26	261	499	851	4641
55	962	809	613	292	58	1	0	0	14	210	439	789	4187
50	807	669	459	166	15	0	0	0	2	107	297	638	3160
32	308	217	62	1	0	0	0	0	0	0	16	194	798

Base	Cooling Degree Days (1)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
Above													
32	59	52	162	404	757	990	1188	1139	853	527	267	119	6517
55	0	0	0	5	102	301	475	426	177	24	0	0	1510
57	0	0	0	2	69	244	413	364	129	13	0	0	1234
60	0	0	0	0	34	164	320	272	69	4	0	0	863
65	0	0	0	0	6	63	173	134	14	0	0	0	390
70	0	0	0	0	0	13	65	43	1	0	0	0	122

### 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	7	10	60	205	532	767	954	905	624	303	111	25	7	17	77	282	814	1581	2535	3440	4064	4367	4478	4503
45	0	1	24	107	379	617	799	750	474	178	52	5	0	1	25	132	511	1128	1927	2677	3151	3329	3381	3386
50	0	0	8	53	240	468	644	595	332	90	24	0	0	0	8	61	301	769	1413	2008	2340	2430	2454	2454
55	0	0	3	20	129	322	489	441	200	38	6	0	0	0	3	23	152	474	963	1404	1604	1642	1648	1648
60	0	0	0	5	57	192	336	292	103	9	1	0	0	0	0	5	62	254	590	882	985	994	995	995
Base	Growing Degree Units for Corn (Monthly)												Growing Degree Units for Corn (Accumulated Monthly)											
50/86	6	11	46	141	326	489	630	596	387	208	78	21	6	17	63	204	530	1019	1649	2245	2632	2840	2918	2939

(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](http://www.ncdc.noaa.gov/oa/climate/normal/usnormals.html)