

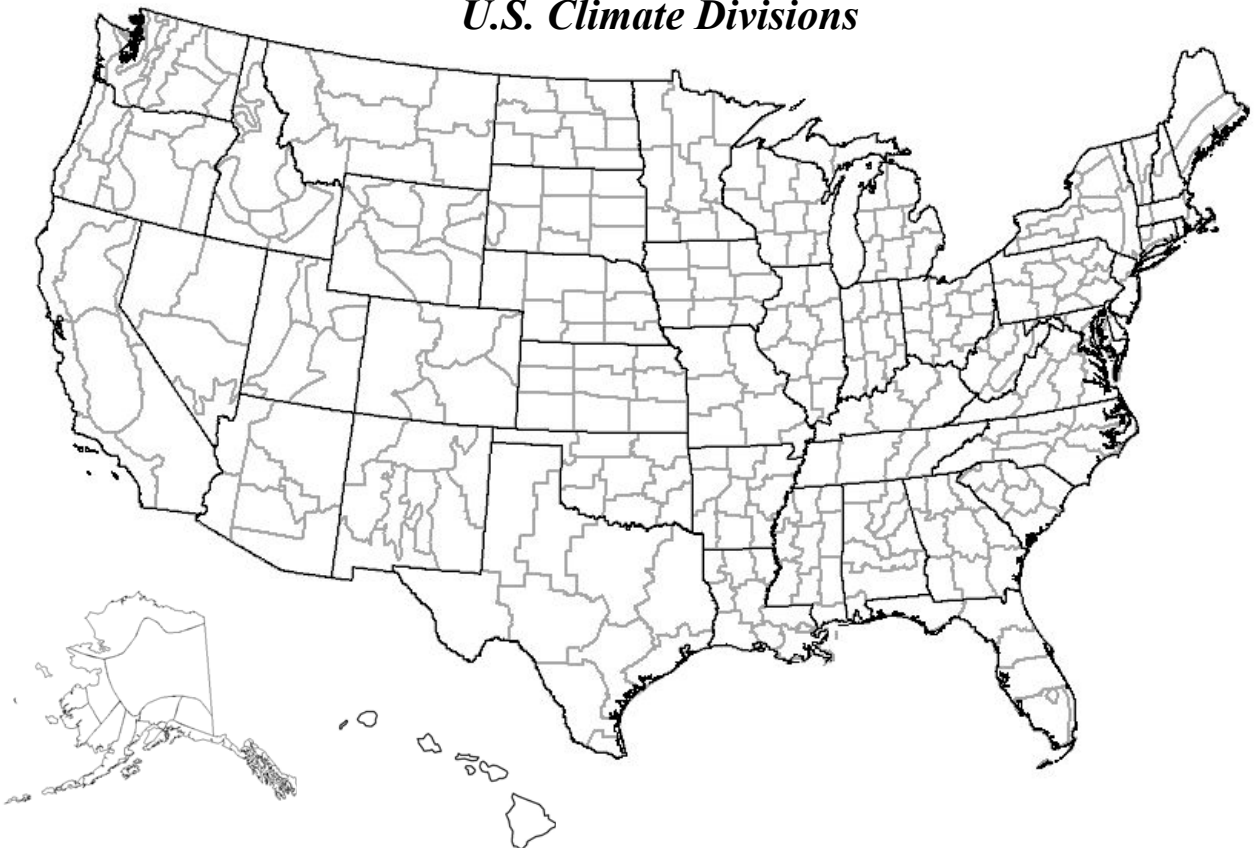


Divisional Normals and Standard Deviations of Temperature, Precipitation, and Heating and Cooling Degree Days

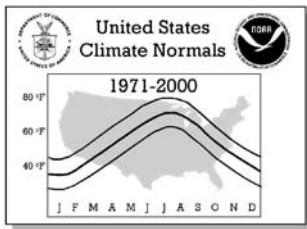
1971 – 2000 (and previous normals periods)

Section 4: Cooling Degree Days

U.S. Climate Divisions



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE
NATIONAL CLIMATIC DATA CENTER
ASHEVILLE, NC



Section 4:

Cooling Degree Days

Divisional Normals, 1971-2000 (and previous periods)

CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

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Divisional Normals Sections (Present Section Highlighted):

Section 1: Temperature

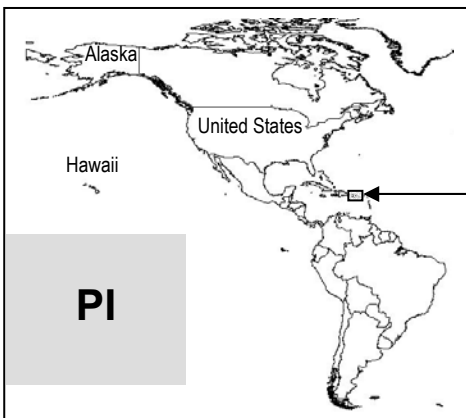
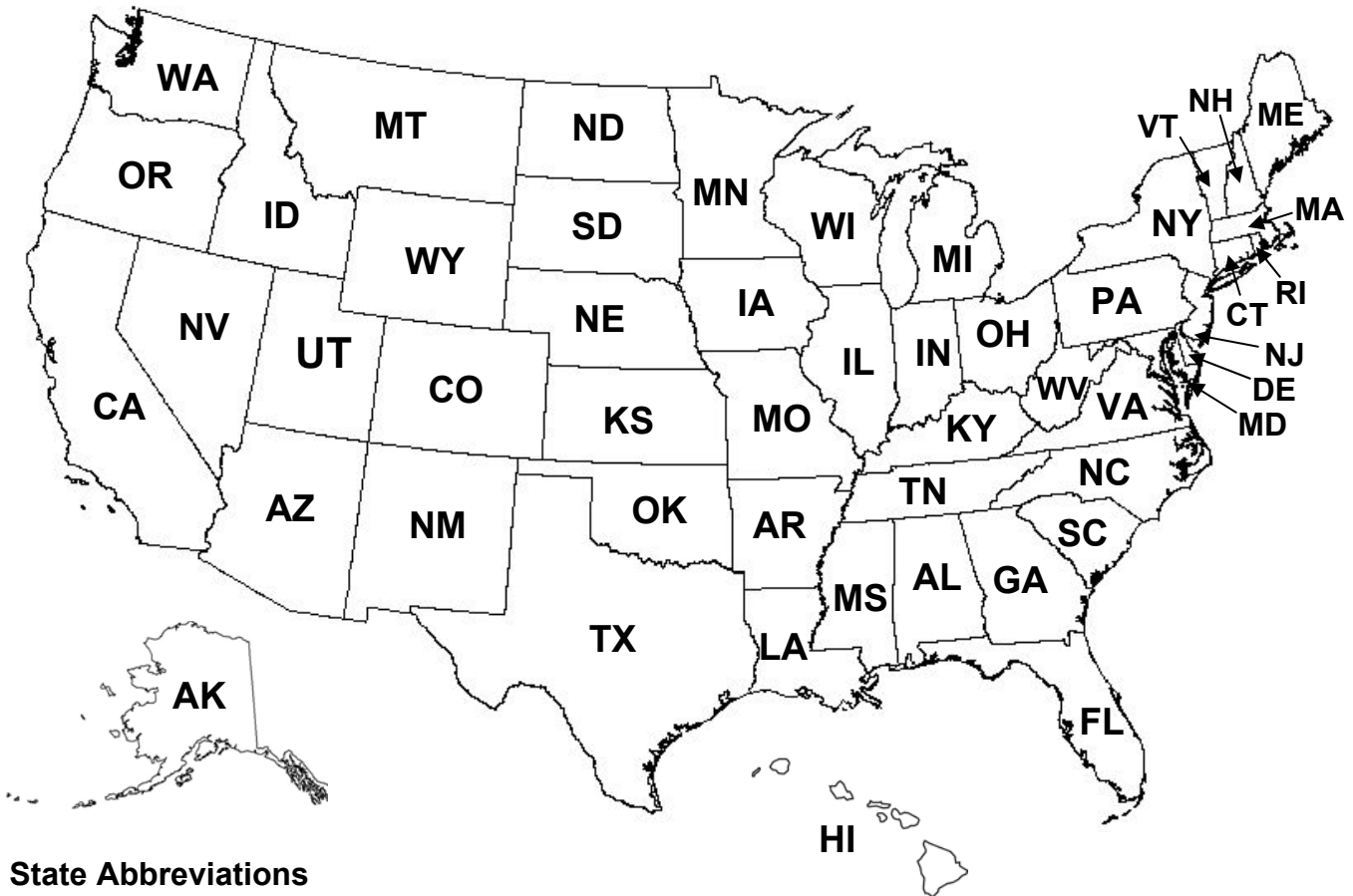
Section 2: Precipitation

Section 3: Heating Degree Days

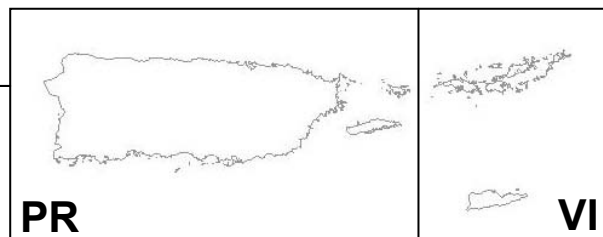
Section 4: Cooling Degree Days

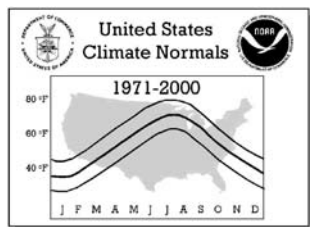
Section 5: 1971-2000 Maps

Section 6: 1931-2000 Maps



Territory Abbreviations





Section 4: Cooling Degree Days

Divisional Normals, 1971-2000 (and previous periods) CLIMATOGRAPHY OF THE UNITED STATES NO. 85 Temperature (°F), Precipitation (inches), and Degree Days

NOTES

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Product Description:

This Climatology includes normals and standard deviations for the five 30-year normals periods and the 70-year period between 1931-2000 for each climate division. A *climate division* represents a region within a state that is as climatically homogeneous as possible. The divisional data are used for research applications in hydrology, agriculture, energy supply, *etc.*, where data averaged over an area rather than for a point (station) is needed. Divisional data are used to assess large-scale climatic features with respect to a long period (*i.e.*, decadal, 30-year period, *etc.*). There are 344 climate divisions in the conterminous U.S., with additional divisions in Alaska, Hawaii, Puerto Rico, the U.S. Virgin Islands, and Pacific trust territories. Divisional boundaries generally coincide with county boundaries except in the western U.S., where they are based largely on drainage basins.

The normals and standard deviations include values for each of the 12 calendar months and an annual value. The divisional data are displayed by name and number for a state or territory. Data for the conterminous United States are presented alphabetically, followed by data for Alaska, Hawaii, Puerto Rico, the Virgin Islands, and Pacific trust territories. The data elements, presented in separate sections, include time of observation-corrected mean temperature (degrees F), precipitation (inches), and heating and cooling degree days (base 65 degrees F).

Abbreviations:

AVERAGE = Mean of Element for all Months (or Annual Values) for the Given Period of Record.

STD DEV = Standard Deviation for all Months (or Annual Values) for the Given Period of Record.

31-00 = 1931 through 2000 Long-Term Period of Record.

31-60 = 1931 through 1960 Normal Period of Record.

41-70 = 1941 through 1970 Normal Period of Record.

51-80 = 1951 through 1980 Normal Period of Record.

61-90 = 1961 through 1990 Normal Period of Record.

71-00 = 1971 through 2000 Normal Period of Record.

DB = Drainage Basin

Fthls = Foothills

Hydro = Hydrological Division

Computational Procedures:

Monthly divisional average temperature and total precipitation data are derived by giving equal weight to all stations reporting both temperature and precipitation within a climatological division, except for Hawaii, where any available stations (including precipitation-only stations) are used. The number of reporting stations within a division varies from month-to-month and year-to-year. Station data are *not* adjusted for inhomogeneities.

Temperature values are corrected for time of observation in the conterminous U.S. In the conterminous U.S., observers at National Weather Service cooperative stations often take one observation per day, and the ending time of the climatological day can vary from station-to-station as well as year-to-year. Differences of the 24-hour period over which maximum and minimum temperature (as well as average temperature) is reported impact the calculated monthly mean temperature. These potential biases are rectified by adjusting for varying observation times using a model (Karl *et al.*, 1986) to adjust the climate division averages such that all stations end their climatological day at midnight (*i.e.*, climatological and calendar day coincide).

Monthly divisional temperature normals and 70-year averages are computed by adding the yearly values for a given month and then dividing by the number of years in the period. The annual normal and 70-year average are computed by adding all of the monthly normal or long-term average values and then dividing by 12. Precipitation normals and long-term means are computed in a similar manner, except for the annual, which is the sum of monthly values.

Sequential monthly degree days are derived using a modification of the Rational Conversion Formulae developed by Thom (1954, 1966). This technique utilizes the historical monthly average temperature and its corresponding standard deviation (over the standardizing period 1931-2000) to compute degree days. The modified Thom technique derives the monthly degree days using a spline fit of the monthly mean temperature and standard deviations to ameliorate the month-to-month step function that is inherent with only a single monthly input. The procedure for the computation of the divisional degree day normals involves i.) Calculation of the standard deviations of the temperatures for each of the 12 calendar months over the standardizing period; ii.) Use of the modified Thom technique to compute the heating and cooling degree days for every month and year in the period 1931-2000; and iii.) Calculation of the 30-year normals and 70-year (1931-2000) long-term averages of the degree days using the procedure discussed above. Standard deviations are computed using the sum and sum square values from the corresponding period of month-year sequential values. For annual temperature, the sum and sum square of the annual values are used, while for annual precipitation, the sum and sum square of monthly values are used.

Anomalous Climate Divisions:

The following divisions are non-existent: Nebraska Division 04, Pacific Islands Division 01.

Due to lack of data, no data were computed for: Hawaii Division 07 (Island of Kahoolawe); Puerto Rico Division 07 (Outlying Islands).

Data for the climate divisions of the Virgin Islands (01/02/03) were consolidated into a single Division 04 for the entire Virgin Islands.

Supplemental Divisional Normals:

Hawaiian Hydrological Divisions: The varied topography and the locations of the observation stations in Hawaii yield highly localized precipitation patterns. These patterns are at a finer resolution than the island-by-island climate divisions. Research by NWS's Hydrometeorological Design Studies Center (NOAA, 2002) has led to the establishment of regional divisions for precipitation frequency studies. Data based on these divisions are found at the end of the tables.

Divisional Maps Supplement: Maps showing mean and standard deviations for the conterminous U.S., Alaska, and Hawaii are presented in Section 5.

References:

Karl, T.R., C.N. Williams, Jr., P.J. Young, and W.M. Wendland, 1986: "A model to estimate the time of observation bias associated with monthly mean maximum, minimum, and mean temperatures for the United States," *Journal of Climate and Applied Meteorology*, Vol. 25, pp. 145-160.

Guttman, N.B. and R.G. Quayle, 1995: "A Historical Perspective of U.S. Climate Divisions", *Bulletin of the American Meteorological Society*, Statistical descriptors of climate, *Bulletin of the American Meteorological Society*, Vol. 77, no. 2, pp. 293-303.

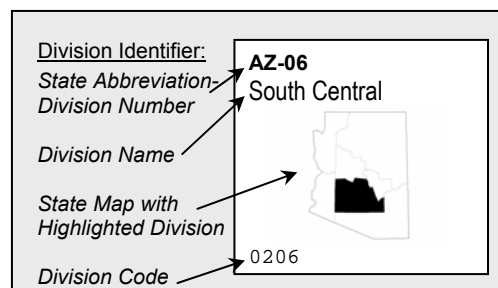
NOAA, 2002: Hawaii Precipitation Frequency Study: Update of *Technical Paper No. 43*, NOAA/NWS/Office of Hydrology.

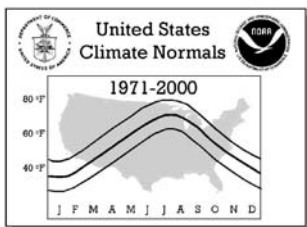
Thom, H.C.S., 1954: "The rational relationship between heating degree days and temperature," *Monthly Weather Review*, Vol. 82, pp. 1-6.

Thom, H.C.S., 1966: "Normal degree days above any base by the universal truncation coefficient," *Monthly Weather Review*, Vol. 94, pp. 461-465.

Release Date: June 15, 2002*

National Climatic Data Center/NESDIS/NOAA, Asheville, North Carolina





Section 4:

Cooling Degree Days

Divisional Normals, 1971-2000 (and previous periods)

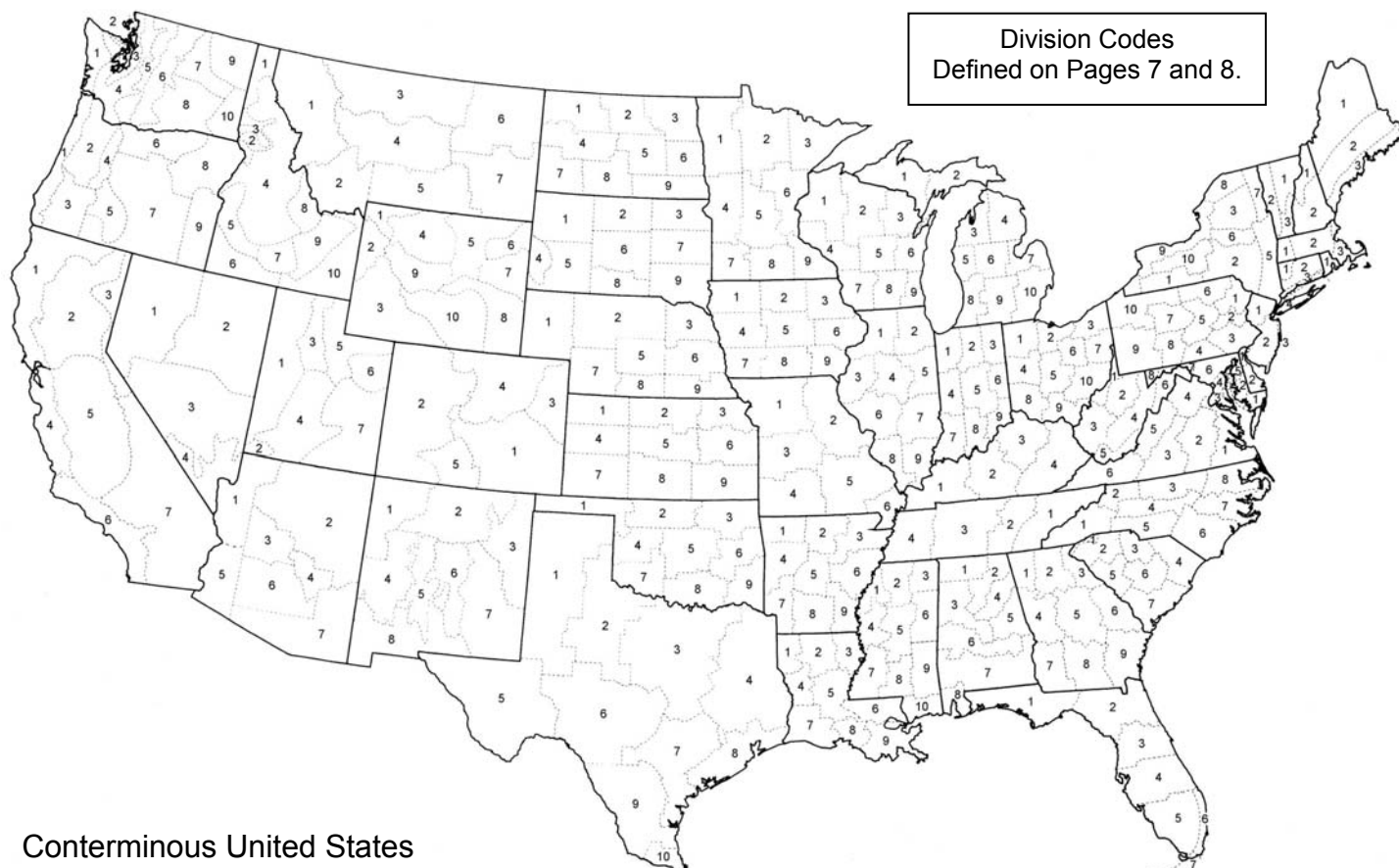
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

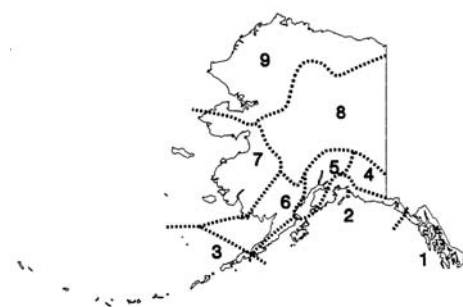
United States Climate Divisions

Page 4

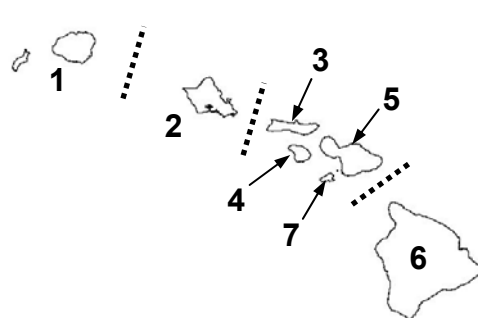
Division Codes
Defined on Pages 7 and 8.



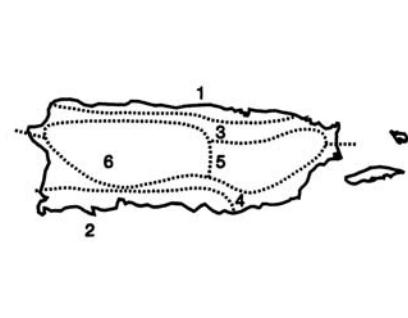
Conterminous United States



Alaska



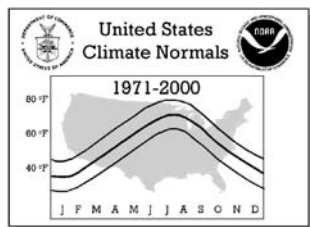
Hawaii



Puerto Rico

State Identification Codes (Code/State Name/Abbreviation)

01 Alabama	AL	16 Louisiana	LA	31 North Carolina	NC	46 West Virginia	WV
02 Arizona	AZ	17 Maine	ME	32 North Dakota	ND	47 Wisconsin	WI
03 Arkansas	AR	18 Maryland	MD	33 Ohio	OH	48 Wyoming	WY
04 California	CA	19 Massachusetts	MA	34 Oklahoma	OK	50 Alaska	AK
05 Colorado	CO	20 Michigan	MI	35 Oregon	OR	51 Hawaii	HI
06 Connecticut	CT	21 Minnesota	MN	36 Pennsylvania	PA	66 Puerto Rico	PR
07 Delaware	DE	22 Mississippi	MS	37 Rhode Island	RI	67 Virgin Islands	VI
08 Florida	FL	23 Missouri	MO	38 South Carolina	SC	91 Pacific Islands	PI
09 Georgia	GA	24 Montana	MT	39 South Dakota	SD		
10 Idaho	ID	25 Nebraska	NE	40 Tennessee	TN		
11 Illinois	IL	26 Nevada	NV	41 Texas	TX		
12 Indiana	IN	27 New Hampshire	NH	42 Utah	UT		
13 Iowa	IA	28 New Jersey	NJ	43 Vermont	VT		
14 Kansas	KS	29 New Mexico	NM	44 Virginia	VA		
15 Kentucky	KY	30 New York	NY	45 Washington	WA		



Section 4:

Cooling Degree Days

Divisional Normals, 1971-2000 (and previous periods)

CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

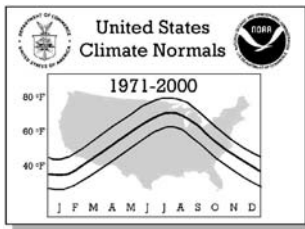
United States Climate Divisions

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Divisional Population by State (Code/State Abbreviation/State 2000 Population/Divisional Population)

Census 2000 State Population			Population by Division Number									
			01	02	03	04	05	06	07	08	09	10
01 AL	4,447,100		657,744	967,444	451,214	551,417	312,334	402,676	562,809	541,462		
02 AZ	5,130,632		155,122	283,820	167,885	50,374	179,964	3,251,406	1,042,061			
03 AR	2,673,400		393,233	159,275	371,927	334,255	688,777	246,291	135,333	172,053	172,256	
04 CA	33,871,648	1,261,635	2,664,084	93,615	6,377,253	3,613,647	17,697,130	2,164,284				
05 CO	4,301,261		801,985	464,447	29,783	2,958,506	46,540					
06 CT	3,405,565		155,900	2,029,652	1,220,013							
07 DE	783,600		465,853	317,747								
08 FL	15,982,378	1,222,284	1,710,912	2,934,952	3,988,895	1,177,453	4,903,143	44,739				
09 GA	8,186,453		577,068	3,398,646	224,282	1,248,322	833,483	517,317	334,897	415,145	637,293	
10 ID	1,293,953		163,434	54,903	45,019	53,496	520,119	2,205	140,314	9,769	172,944	131,750
11 IL	12,419,293		765,271	8,432,331	255,114	707,767	471,451	692,910	337,308	494,209	262,932	
12 IN	6,080,485		861,318	712,674	635,442	432,173	1,899,978	342,095	501,206	425,031	270,568	
13 IA	2,926,324		253,932	172,771	374,608	173,053	720,621	652,288	173,259	196,917	208,875	
14 KS	2,688,418		35,050	68,809	360,803	26,918	201,777	932,885	141,515	620,092	300,569	
15 KY	4,041,769		659,506	1,274,075	1,268,331	839,857						
16 LA	4,468,976		425,200	287,352	116,696	114,612	380,560	929,592	415,089	426,425	1,373,450	
17 ME	1,274,923		97,507	527,485	649,931							
18 MD*	5,868,545		156,417	95,919	288,491	2,024,207	56,477	3,018,686	187,488	40,860		
19 MA	6,349,097		167,648	3,491,578	2,689,871							
20 MI	9,938,444		202,459	114,685	278,367	219,456	284,596	379,775	476,966	1,421,495	1,092,001	5,468,644
21 MN	4,919,479		181,282	148,207	216,732	182,056	683,500	2,323,929	121,954	331,475	730,344	
22 MS	2,844,658		104,058	297,255	250,688	182,701	352,999	257,538	419,065	203,471	327,909	448,974
23 MO	5,595,211	1,265,201	2,198,238	472,883	779,640	729,367	149,882					
24 MT	902,195		285,004	126,851	68,031	166,577	179,935	46,386	29,411			
25 NE	1,711,263		90,363	34,221	146,376		146,379	1,040,820	72,038	67,337	113,729	
26 NV	1,998,257		517,889	61,911	21,572	1,396,885						
27 NH	1,235,786		60,863	1,174,923								
28 NJ	8,414,350	4,776,329	3,410,745	227,276								
29 NM	1,819,046		191,671	274,718	80,460	58,516	749,124	76,233	175,463	212,861		
30 NY	18,976,457		318,546	725,220	74,691	9,429,541	4,359,020	401,815	132,614	144,961	2,474,493	915,556
31 NC	8,049,313		751,193	331,534	1,531,099	1,457,861	1,560,297	1,229,733	755,306	432,290		
32 ND	642,200		92,268	38,470	110,733	29,949	38,077	147,677	34,862	105,341	44,823	
33 OH	11,353,140		948,054	677,071	2,843,702	545,816	1,714,244	425,588	992,821	2,389,912	365,544	450,388
34 OK	3,450,654		36,959	161,579	921,156	77,773	1,349,891	311,250	209,779	260,072	122,195	
35 OR	3,421,399		214,017	2,397,830	352,718	5,928	4,099	129,953	228,385	56,854	31,615	
36 PA	12,281,054		772,229	776,763	5,071,607	800,331	513,777	176,364	298,678	390,887	2,737,037	743,381
37 RI	1,048,319	1,048,319										
38 SC	4,012,012		33,146	1,082,205	337,665	619,456	330,622	802,096	806,822			
39 SD	754,844		16,914	27,917	66,762	99,556	69,498	34,692	123,619	22,824	293,062	
40 TN	5,689,283	1,986,533	413,050	1,847,614	1,442,086							
41 TX	20,851,820		945,356	412,316	6,585,992	1,956,322	879,888	432,517	3,324,037	4,916,511	479,578	919,303
42 UT	2,233,169		12,351	90,176	1,576,700	104,904	358,116	39,595	51,327			
43 VT	608,827		193,584	308,327	106,916							
44 VA	7,078,515	2,058,351	1,194,526	678,550	2,076,302	512,267	558,519					
45 WA	5,894,121		89,695	107,771	3,616,713	762,776	13,591	52,531	80,701	638,277	457,571	74,495
46 WV	1,808,344		255,281	329,002	583,556	268,744	163,053	208,708				
47 WI	5,363,675		351,396	305,694	163,836	356,975	292,562	932,204	206,116	821,015	1,933,877	
48 WY	493,782		3,872	26,399	69,700	46,500	34,405	39,086	7,187	166,841	35,847	63,945
50 AK	626,932		72,274	14,721	8,162	10,195	371,189	8,003	32,230	95,565	14,593	
51 HI	1,211,537		58,463	876,156	25,766	12,809	85,184	148,677	4,482			
66 PR	3,808,610	1,029,484	462,143	859,986	538,691	619,654	288,109	10,543				
67 VI	108,612		51,181	53,234	4,197							
91 PI	281,317		57,291	154,805	69,221							

*Maryland Division 04 includes population for the District of Columbia.



Section 4:

Cooling Degree Days

Divisional Normals, 1971-2000 (and previous periods)

CLIMATOGRAPHY OF THE UNITED STATES NO. 85

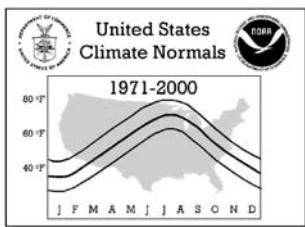
Temperature (°F), Precipitation (inches), and Degree Days

United States Climate Divisions

Page 6

Divisional Area (square miles) by State (Code/State Abbreviation/State Area/Divisional Area)												
State Area (square miles)			Area (square miles) by Division Number									
			01	02	03	04	05	06	07	08	09	10
01	AL	51,610	4,609	5,027	7,648	4,000	5,006	7,716	14,719	2,885		
02	AZ	113,909	13,305	39,777	8,110	4,761	10,013	14,649	23,294			
03	AR	53,104	4,785	5,539	7,376	6,723	5,241	7,004	5,056	6,680	4,700	
04	CA	158,693	21,551	27,073	6,697	10,585	33,119	14,028	45,640			
05	CO	104,246	28,188	38,519	8,684	21,193	7,662					
06	CT	5,009	1,014	3,251	744							
07	DE	2,057	454	1,603								
08	FL	58,560	12,163	13,211	7,870	11,806	10,957	2,553				
09	GA	58,876	3,721	6,100	3,379	7,018	9,308	5,823	6,871	8,266	8,390	
10	ID	83,557	4,445	2,691	1,621	29,120	6,334	8,514	4,721	4,938	8,297	12,876
11	IL	56,399	7,242	6,593	5,555	6,176	5,713	7,535	7,507	5,414	4,664	
12	IN	36,291	4,177	3,887	3,582	4,152	6,115	2,602	5,026	3,970	2,780	
13	IA	56,288	6,850	6,096	6,597	7,368	7,357	6,062	4,993	5,578	5,387	
14	KS	82,264	7,823	8,934	6,310	8,004	9,000	8,761	11,862	11,221	10,349	
15	KY	40,395	9,848	9,174	8,564	12,809						
16	LA	48,522	3,935	6,114	4,401	3,955	7,802	5,148	7,584	3,421	6,162	
17	ME	33,215	17,916	10,307	4,992							
18	MD*	10,578	1,280	1,263	1,118	967	703	3,586	951	710		
19	MA	8,257	1,578	4,217	2,462							
20	MI	58,214	9,943	6,945	4,832	6,613	3,021	4,686	4,314	4,593	6,526	6,741
21	MN	84,068	13,131	13,241	10,315	9,601	10,189	9,029	6,129	6,456	5,977	
22	MS	47,715	3,030	4,791	3,693	4,251	6,179	5,330	6,308	4,399	6,127	3,607
23	MO	69,686	14,704	13,993	10,265	11,512	15,087	4,125				
24	MT	147,138	24,410	14,111	26,897	22,144	17,421	22,321	19,834			
25	NE	77,227	14,225	18,828	7,645		7,367	8,395	9,476	4,549	6,742	
26	NV	110,540	30,564	36,279	33,903	9,794						
27	NH	9,304	2,864	6,440								
28	NJ	7,836	2,877	4,381	578							
29	NM	121,666	13,614	18,518	15,050	14,381	9,660	9,624	21,900	18,919		
30	NY	49,576	4,298	9,062	7,050	1,814	6,375	2,732	3,074	2,950	7,303	4,918
31	NC	52,712	7,717	3,584	6,231	5,593	5,730	9,815	7,058	6,984		
32	ND	70,665	9,377	7,088	8,762	8,720	7,342	5,611	8,134	8,056	7,575	
33	OH	41,222	4,897	3,310	3,784	4,064	4,819	2,972	3,302	4,539	4,135	5,400
34	OK	69,920	8,055	8,174	8,467	5,999	10,278	7,146	6,922	8,425	6,454	
35	OR	96,981	8,369	9,465	8,903	2,929	6,013	8,903	29,657	12,734	10,008	
36	PA	45,334	3,269	1,922	4,384	2,770	4,851	4,035	4,397	3,595	8,205	7,906
37	RI	1,214	1,214									
38	SC	31,055	618	4,571	3,357	6,562	4,112	4,674	7,161			
39	SD	77,047	12,628	7,859	7,635	2,828	10,270	11,049	8,706	5,863	10,209	
40	TN	42,244	11,000	6,962	14,781	9,501						
41	TX	267,340	39,406	25,558	39,005	33,204	36,171	35,289	21,467	12,217	21,949	3,074
42	UT	84,916	21,891	1,376	5,604	17,527	11,260	5,723	21,535			
43	VT	9,610	4,854	3,177	1,579							
44	VA	40,816	7,555	7,751	7,392	5,237	5,200	7,681				
45	WA	68,192	5,039	1,814	3,614	9,629	6,205	9,465	7,010	11,859	8,333	5,224
46	WV	24,180	1,199	4,408	5,637	7,307	2,660	2,969				
47	WI	56,154	9,698	9,973	6,188	7,087	5,424	4,689	5,531	4,863	2,701	
48	WY	97,914	3,936	5,140	20,347	11,378	11,397	3,828	7,167	11,985	7,520	15,216
*Maryland Division 04 includes area for the District of Columbia.												

*Maryland Division 04 includes area for the District of Columbia.



Section 4:

Cooling Degree Days

Divisional Normals, 1971-2000 (and previous periods)

CLIMATOGRAPHY OF THE UNITED STATES NO. 85

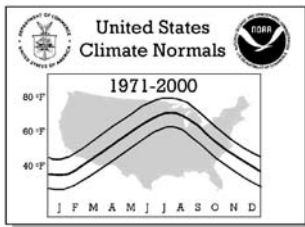
Temperature (°F), Precipitation (inches), and Degree Days

United States Climate Divisions

Page 7

Division Codes (State Identification Code/Division Number/Division Name)

0101 Northern Valley	1101 Northwest	2005 West Central Lower	3005 Hudson Valley
0102 Appalachian Mountain	1102 Northeast	2006 Central Lower	3006 Mohawk Valley
0103 Upper Plains	1103 West	2007 East Central Lower	3007 Champlain Valley
0104 Eastern Valley	1104 Central	2008 Southwest Lower	3008 St. Lawrence Valley
0105 Piedmont Plateau	1105 East	2009 South Central Lower	3009 Great Lakes
0106 Prairie	1106 West Southwest	2010 Southeast Lower	3010 Central Lakes
0107 Coastal Plain	1107 East Southeast	2101 Northwest	3101 Southern Mountains
0108 Gulf	1108 Southwest	2102 North Central	3102 Northern Mountains
0201 Northwest	1109 Southeast	2103 Northeast	3103 Northern Piedmont
0202 Northeast	1201 Northwest	2104 West Central	3104 Central Piedmont
0203 North Central	1202 North Central	2105 Central	3105 Southern Piedmont
0204 East Central	1203 Northeast	2106 East Central	3106 Southern Coastal Plain
0205 Southwest	1204 West Central	2107 Southwest	3107 Central Coastal Plain
0206 South Central	1205 Central	2108 South Central	3108 Northern Coastal Plain
0207 Southeast	1206 East Central	2109 Southeast	3201 Northwest
0301 Northwest	1207 Southwest	2201 Upper Delta	3202 North Central
0302 North Central	1208 South Central	2202 North Central	3203 Northeast
0303 Northeast	1209 Southeast	2203 Northeast	3204 West Central
0304 West Central	1301 Northwest	2204 Lower Delta	3205 Central
0305 Central	1302 North Central	2205 Central	3206 East Central
0306 East Central	1303 Northeast	2206 East Central	3207 Southwest
0307 Southwest	1304 West Central	2207 Southwest	3208 South Central
0308 South Central	1305 Central	2208 South Central	3209 Southeast
0309 Southeast	1306 East Central	2209 Southeast	3301 Northwest
0401 North Coast Drainage Basin	1307 Southwest	2210 Coastal	3302 North Central
0402 Sacramento Drainage Basin	1308 South Central	2301 Northwest Prairie	3303 Northeast
0403 Northeast Interior Basins	1309 Southeast	2302 Northeast Prairie	3304 West Central
0404 Central Coast Drainage Basin	1401 Northwest	2303 West Central Plains	3305 Central
0405 San Joaquin Drainage Basin	1402 North Central	2304 West Ozarks	3306 Central Hills
0406 South Coast Drainage Basin	1403 Northeast	2305 East Ozarks	3307 Northeast Hills
0407 Southeast Desert Basins	1404 West Central	2306 Bootheel	3308 Southwest
0501 Arkansas Drainage Basin	1405 Central	2401 Western	3309 South Central
0502 Colorado Drainage Basin	1406 East Central	2402 Southwestern	3310 Southeast
0503 Kansas Drainage Basin	1407 Southwest	2403 North Central	3401 Panhandle
0504 Platte Drainage Basin	1408 South Central	2404 Central	3402 North Central
0505 Rio Grande Drainage Basin	1409 Southeast	2405 South Central	3403 Northeast
0601 Northwest	1501 Western	2406 Northeastern	3404 West Central
0602 Central	1502 Central	2407 Southeastern	3405 Central
0603 Coastal	1503 Blue Grass	2501 Panhandle	3406 East Central
0701 Northern	1504 Eastern	2502 North Central	3407 Southwest
0702 Southern	1601 Northwest	2503 Northeast	3408 South Central
0801 Northwest	1602 North Central	2505 Central	3409 Southeast
0802 North	1603 Northeast	2506 East Central	3501 Coastal Area
0803 North Central	1604 West Central	2507 Southwest	3502 Willamette Valley
0804 South Central	1605 Central	2508 South Central	3503 Southwestern Valleys
0805 Everglades and Southwest Coast	1606 East Central	2509 Southeast	3504 Northern Cascades
0806 Lower East Coast	1607 Southwest	2601 Northwestern	3505 High Plateau
0807 Keys	1608 South Central	2602 Northeastern	3506 North Central
0901 Northwest	1609 Southeast	2603 South Central	3507 South Central
0902 North Central	1701 Northern	2604 Extreme Southern	3508 Northeast
0903 Northeast	1702 Southern Interior	2701 Northern	3509 Southeast
0904 West Central	1703 Coastal	2702 Southern	3601 Pocono Mountains
0905 Central	1801 Southeastern Shore	2801 Northern	3602 East Central Mountains
0906 East Central	1802 Central Eastern Shore	2802 Southern	3603 Southeastern Piedmont
0907 Southwest	1803 Lower Southern	2803 Coastal	3604 Lower Susquehanna
0908 South Central	1804 Upper Southern	2901 Northwest Plateau	3605 Middle Susquehanna
0909 Southeast	1805 Northeastern Shore	2902 Northern Mountains	3606 Upper Susquehanna
1001 Panhandle	1806 Northern Central	2903 Northeast Plains	3607 Central Mountains
1002 North Central Prairies	1807 Appalachian Mountain	2904 Southwestern Mountains	3608 South Central Mountains
1003 North Central Canyons	1808 Allegheny Plateau	2905 Central Valley	3609 Southwest Plateau
1004 Central Mountains	1901 Western	2906 Central Highlands	3610 Northwest Plateau
1005 Southwestern Valleys	1902 Central	2907 Southeast Plains	3701 Rhode Island
1006 Southwestern Highlands	1903 Coastal	2908 Southern Desert	3801 Mountain
1007 Central Plains	2001 West Upper	3001 Western Plateau	3802 Northwest
1008 Northeastern Valleys	2002 East Upper	3002 Eastern Plateau	3803 North Central
1009 Upper Snake River Plains	2003 Northwest Lower	3003 Northern Plateau	3804 Northeast
1010 Eastern Highlands	2004 Northeast Lower	3004 Coastal	3805 West Central



Section 4:

Cooling Degree Days

Divisional Normals, 1971-2000 (and previous periods)

CLIMATOGRAPHY OF THE UNITED STATES NO. 85

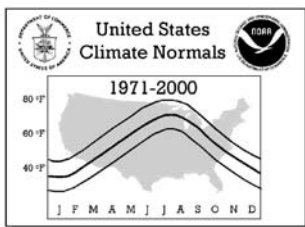
Temperature (°F), Precipitation (inches), and Degree Days

United States Climate Divisions

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Division Codes (State Identification Code/Division Number/Division Name)

3806	Central	4802	Snake Drainage Basin
3807	Southern	4803	Green and Bear Drainage Basin
3901	Northwest	4804	Big Horn
3902	North Central	4805	Powder, Little Missouri, and Tongue Drainage Basin
3903	Northeast	4806	Belle Fourche Drainage Basin
3904	Black Hills	4807	Cheyenne Niobrara Drainage Basin
3905	Southwest	4808	Lower Platte
3906	Central	4809	Wind River
3907	East Central	4810	Upper Platte
3908	South Central	5001	Southeastern
3909	Southeast	5002	South Coast
4001	Eastern	5003	Southwestern Islands
4002	Cumberland Plateau	5004	Copper River
4003	Middle	5005	Cook Inlet
4004	Western	5006	Bristol Bay
4101	High Plains	5007	West Central
4102	Low Rolling Plains	5008	Interior Basin
4103	North Central	5009	Arctic Drainage Basin
4104	East Texas	5101	Island of Kauai
4105	Trans Pecos	5102	Island of Oahu
4106	Edwards Plateau	5103	Island of Molokai
4107	South Central	5104	Island of Lanai
4108	Upper Coast	5105	Island of Maui
4109	Southern	5106	Island of Hawaii
4110	Lower Valley	5107	Island of Kahoolawe
4201	Western	6601	North Coastal
4202	Dixie	6602	South Coastal
4203	North Central	6603	Northern Slopes
4204	South Central	6604	Southern Slopes
4205	Northern Mountains	6605	Eastern Interior
4206	Unita Basin	6606	Western Interior
4207	Southeast	6607	Outlying Islands
4301	Northeastern	6701	St. Thomas
4302	Western	6702	St. Croix
4303	Southeastern	6703	St. John
4401	Tidewater	9102	East of 180th Meridian
4402	Eastern Piedmont	9103	Western Pacific Islands
4403	Western Piedmont	9104	Caroline and Mariana Islands
4404	Northern		
4405	Central Mountain		
4406	Southwestern Mountain		
4501	West Olympic Coastal		
4502	Northeast Olympic San Juan		
4503	Puget Sound Lowlands		
4504	East Olympic Cascade Foothills		
4505	Cascade Mountains West		
4506	East Slope Cascades		
4507	Okanogan Big Bend		
4508	Central Basin		
4509	Northeastern		
4510	Palouse Blue Mountains		
4601	Northwestern		
4602	North Central		
4603	Southwestern		
4604	Central		
4605	Southern		
4606	Northeastern		
4701	Northwest		
4702	North Central		
4703	Northeast		
4704	West Central		
4705	Central		
4706	East Central		
4707	Southwest		
4708	South Central		
4709	Southeast		
4801	Yellowstone Drainage Basin		



Section 4:

Cooling Degree Days








Divisional Normals, 1971-2000 (and previous periods)

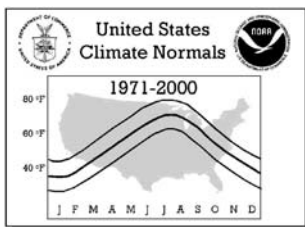
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Alabama

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AL-01 Northern Valley 	31-00 AVERAGE	7	3	20	39	164	338	442	417	246	67	4	2	1750
	STD DEV	10	4	18	24	57	69	59	69	69	37	5	4	242
	31-60 AVERAGE	11	4	22	44	182	375	466	448	270	81	4	3	1910
	STD DEV	12	5	23	22	53	72	56	63	72	39	5	5	187
	41-70 AVERAGE	7	3	19	49	174	348	440	417	243	70	3	2	1775
	STD DEV	11	4	19	25	57	75	65	67	63	41	4	3	217
	51-80 AVERAGE	4	3	18	42	156	320	429	405	240	58	3	2	1681
	STD DEV	7	4	14	24	57	74	67	65	66	31	4	4	238
	61-90 AVERAGE	3	2	19	36	145	307	416	391	227	55	5	2	1607
	STD DEV	6	4	14	24	56	49	57	60	64	34	6	4	184
0101 AL-02 Appalachian Mountain 	71-00 AVERAGE	5	2	20	32	146	312	432	399	230	57	5	2	1639
	STD DEV	6	3	12	23	56	57	52	67	63	33	6	4	217
	31-00 AVERAGE	8	3	17	31	152	317	419	395	232	65	4	3	1646
	STD DEV	11	4	15	20	53	63	55	58	63	36	6	5	203
	31-60 AVERAGE	12	4	18	35	168	349	430	411	251	79	4	3	1763
	STD DEV	14	5	18	20	51	65	46	48	63	39	5	5	143
	41-70 AVERAGE	8	3	16	40	162	324	411	391	229	68	3	2	1657
	STD DEV	13	4	17	21	54	70	57	57	59	40	4	4	199
	51-80 AVERAGE	5	2	15	34	145	300	405	386	229	55	3	2	1582
	STD DEV	7	4	12	20	55	67	64	60	66	29	3	4	222
0102 AL-03 Upper Plains 	61-90 AVERAGE	4	2	17	29	136	291	398	377	216	53	5	2	1530
	STD DEV	7	4	12	20	50	49	59	57	64	32	7	4	185
	71-00 AVERAGE	6	2	18	25	138	299	422	393	222	56	5	3	1588
	STD DEV	7	3	12	19	51	52	56	63	61	32	7	4	199
	31-00 AVERAGE	14	6	25	49	186	360	459	438	272	83	7	5	1903
	STD DEV	17	7	21	27	59	65	53	60	66	42	8	7	245
	31-60 AVERAGE	21	9	29	57	211	399	480	467	298	103	8	7	2089
	STD DEV	22	9	26	25	58	63	45	49	64	45	8	8	177
	41-70 AVERAGE	14	7	23	62	200	372	459	442	272	88	6	4	1948
	STD DEV	20	7	22	28	54	68	54	58	61	46	6	5	210
0103 AL-04 Eastern Valley 	51-80 AVERAGE	9	5	21	52	177	344	449	428	267	70	5	3	1831
	STD DEV	10	6	16	27	57	67	59	61	65	33	5	5	224
	61-90 AVERAGE	7	3	22	45	163	331	435	414	254	67	8	4	1752
	STD DEV	9	5	15	28	52	49	53	52	65	35	9	6	176
	71-00 AVERAGE	9	4	23	36	161	331	449	421	252	67	7	4	1765
	STD DEV	9	4	15	23	53	51	51	62	61	34	9	6	195
	31-00 AVERAGE	8	4	19	39	169	343	446	422	257	69	6	3	1786
	STD DEV	12	5	16	23	55	61	53	53	63	37	8	5	193
	31-60 AVERAGE	12	5	19	40	182	370	456	438	275	80	5	3	1886
	STD DEV	15	6	19	21	53	62	47	47	64	43	6	5	141
0104 AL-05 Piedmont Plateau 	41-70 AVERAGE	8	4	17	46	174	342	435	414	252	71	5	2	1768
	STD DEV	13	5	17	23	53	67	54	54	62	44	5	4	189
	51-80 AVERAGE	6	3	16	41	159	323	432	412	254	59	4	2	1712
	STD DEV	8	5	14	22	54	63	57	53	65	29	5	5	189
	61-90 AVERAGE	5	3	19	38	154	321	428	407	243	60	8	3	1688
	STD DEV	8	5	13	22	51	53	58	52	65	34	11	5	187
	71-00 AVERAGE	7	3	21	34	159	330	450	419	249	63	8	4	1748
	STD DEV	9	4	13	24	55	53	52	54	60	33	11	5	189
	31-00 AVERAGE	15	6	24	47	182	346	438	415	266	90	11	6	1846
	STD DEV	18	8	20	26	58	66	54	52	67	46	12	8	264
0105 AL-06 Prairie 	31-60 AVERAGE	24	10	28	57	213	388	460	446	300	113	12	8	2058
	STD DEV	22	9	25	25	53	60	48	41	68	49	12	9	209
	41-70 AVERAGE	15	7	22	57	193	350	428	414	262	91	9	4	1850
	STD DEV	18	8	21	28	53	68	52	53	63	48	8	5	240
	51-80 AVERAGE	11	5	19	47	168	324	417	402	255	73	7	4	1732
	STD DEV	13	7	14	24	52	62	53	50	61	32	6	6	197
	61-90 AVERAGE	8	3	20	41	156	317	412	393	243	74	11	4	1682
	STD DEV	12	5	14	23	48	52	52	45	60	38	13	7	170
	71-00 AVERAGE	11	4	22	35	155	320	430	401	244	74	11	5	1712
	STD DEV	12	5	15	21	51	53	49	48	53	37	13	7	172
0106 AL-06 Prairie 	31-00 AVERAGE	22	11	33	69	230	407	494	478	320	112	15	10	2202
	STD DEV	23	12	25	33	61	59	47	51	66	49	14	11	221
	31-60 AVERAGE	31	15	36	77	253	437	505	499	343	136	16	12	2360
	STD DEV	30	14	30	30	60	53	45	47	64	53	14	12	156
	41-70 AVERAGE	22	13	32	85	245	414	490	481	321	119	13	8	2242
	STD DEV	26	13	27	34	57	61	49	56	63	55	10	8	201
	51-80 AVERAGE	17	10	31	76	224	395	489	474	322	100	12	8	2156
	STD DEV	15	12	21	34	62	63	51	57	70	41	10	10	220
	61-90 AVERAGE	13	8	32	66	209	384	478	459	304	94	15	8	2071
	STD DEV	14	9	20	34	54	53	46	44	69	42	14	10	179
0106 	71-00 AVERAGE	16	9	32	55	208	387	493	467	305	95	15	8	2091
	STD DEV	14	7	20	30	57	55	45	48	64	40	15	10	192



Section 4:

Cooling Degree Days









Divisional Normals, 1971-2000 (and previous periods)

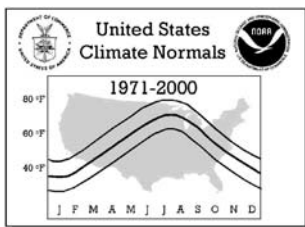
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Alabama – Arizona

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AL-07 Coastal Plain 	31-00 AVERAGE	26	17	40	82	239	404	479	465	322	114	20	11	2218
	STD DEV	26	15	28	37	59	54	41	44	58	48	16	11	198
	31-60 AVERAGE	35	22	42	89	260	432	489	484	338	133	19	13	2355
	STD DEV	32	18	34	33	58	47	36	41	57	52	13	12	136
	41-70 AVERAGE	27	19	37	100	255	415	477	470	323	119	17	9	2267
	STD DEV	29	18	30	39	55	56	40	48	56	53	12	8	182
	51-80 AVERAGE	21	14	37	89	235	394	474	461	326	101	16	9	2178
	STD DEV	21	16	24	39	61	58	42	50	64	40	12	11	196
	61-90 AVERAGE	18	12	38	80	220	384	466	448	312	99	22	10	2107
	STD DEV	19	12	21	39	52	47	42	37	62	44	19	12	162
AL-08 Gulf 	71-00 AVERAGE	21	13	40	66	219	384	476	456	312	100	22	10	2118
	STD DEV	19	8	23	33	56	51	44	43	56	42	20	12	180
	31-00 AVERAGE	32	20	46	108	279	438	507	502	372	158	35	18	2514
	STD DEV	29	17	30	43	52	43	36	37	51	53	25	16	152
	31-60 AVERAGE	40	24	46	105	284	447	500	505	374	169	30	19	2543
	STD DEV	35	21	36	36	58	43	36	38	55	56	19	16	132
	41-70 AVERAGE	32	22	43	126	294	447	502	504	369	164	31	16	2549
	STD DEV	31	19	32	47	52	47	36	40	51	58	17	12	134
	51-80 AVERAGE	30	18	46	122	288	442	512	503	383	156	33	17	2548
	STD DEV	28	18	26	46	54	46	33	38	54	54	22	16	141
AZ-01 Northwest 	61-90 AVERAGE	26	16	47	116	275	436	509	496	373	151	41	18	2504
	STD DEV	26	14	25	47	45	42	35	29	54	56	29	17	152
	71-00 AVERAGE	29	17	49	98	269	431	512	503	371	148	41	18	2486
	STD DEV	26	11	26	38	48	42	37	37	50	51	30	17	167
	31-00 AVERAGE	3	8	25	82	207	409	599	543	341	126	15	1	2358
	STD DEV	4	8	22	48	80	106	101	110	88	53	12	2	506
	31-60 AVERAGE	1	3	16	66	162	344	526	457	296	105	11	0	1986
	STD DEV	2	5	13	34	55	87	78	66	72	45	10	1	323
	41-70 AVERAGE	1	5	15	67	179	356	556	495	312	116	13	1	2116
	STD DEV	2	7	10	38	51	89	74	83	70	46	11	1	333
AZ-02 Northeast 	51-80 AVERAGE	2	6	18	67	190	400	598	534	333	125	13	1	2288
	STD DEV	2	6	13	31	50	72	50	55	60	44	8	2	180
	61-90 AVERAGE	3	8	25	85	216	438	628	568	345	131	15	1	2462
	STD DEV	4	6	20	52	62	88	61	62	72	55	9	2	325
	71-00 AVERAGE	5	12	38	105	257	488	674	624	396	149	18	1	2765
	STD DEV	5	8	25	53	84	77	79	93	79	56	14	2	418
	31-00 AVERAGE	0	0	0	1	18	104	223	164	44	3	0	0	558
	STD DEV	0	0	0	2	14	42	39	38	20	3	0	0	96
	31-60 AVERAGE	0	0	0	1	18	102	226	165	49	3	0	0	564
	STD DEV	0	0	0	2	13	41	38	36	20	3	0	0	94
AZ-03 North Central 	41-70 AVERAGE	0	0	0	1	17	98	232	164	47	3	0	0	563
	STD DEV	0	0	0	2	12	41	41	42	21	4	0	0	101
	51-80 AVERAGE	0	0	0	1	16	106	234	161	43	3	0	0	563
	STD DEV	0	0	0	2	13	40	39	41	19	4	0	0	92
	61-90 AVERAGE	0	0	0	1	17	107	223	159	38	3	0	0	548
	STD DEV	0	0	0	2	13	41	40	38	21	3	0	0	85
	71-00 AVERAGE	0	0	0	1	18	110	213	159	41	2	0	0	545
	STD DEV	0	0	0	2	16	44	39	36	20	3	0	0	97
	31-00 AVERAGE	0	1	3	19	82	244	416	353	190	44	2	0	1353
	STD DEV	0	1	4	16	40	67	47	53	49	25	3	0	163
AZ-04 East Central 	31-60 AVERAGE	0	0	2	18	77	229	403	334	193	44	1	0	1302
	STD DEV	0	1	4	12	35	62	47	42	45	25	2	0	139
	41-70 AVERAGE	0	1	1	16	73	219	402	332	184	43	2	0	1273
	STD DEV	0	1	2	13	30	62	48	51	48	26	2	0	142
	51-80 AVERAGE	0	0	2	14	71	238	415	337	181	44	1	0	1302
	STD DEV	0	1	4	11	31	64	46	51	44	25	2	0	131
	61-90 AVERAGE	0	0	2	18	77	251	419	349	173	42	1	0	1334
	STD DEV	1	1	4	17	32	66	40	45	49	26	1	0	121
	71-00 AVERAGE	0	1	4	22	90	269	428	372	195	45	2	0	1427
	STD DEV	1	2	5	19	46	66	45	52	52	25	3	0	165
AZ-04 East Central 	31-00 AVERAGE	0	1	7	42	126	331	503	439	274	75	3	0	1801
	STD DEV	0	2	7	28	50	78	51	60	65	37	4	0	236
	31-60 AVERAGE	0	1	7	46	137	347	518	451	301	84	3	0	1895
	STD DEV	0	2	7	26	49	60	43	47	47	39	4	0	145
	41-70 AVERAGE	0	1	4	37	116	309	496	422	268	74	3	0	1730
	STD DEV	0	2	4	26	41	71	43	56	64	42	4	0	208
	51-80 AVERAGE	0	0	4	28	100	307	481	397	245	66	2	0	1630
	STD DEV	0	1	5	17	37	70	50	53	64	34	2	0	210
	61-90 AVERAGE	0	0	6	35	109	318	484	410	236	63	2	0	1664
	STD DEV	0	0	7	27	42	80	51	60	63	35	2	0	247
AZ-04 East Central 	71-00 AVERAGE	0	1	9	44	128	339	497	443	269	73	3	0	1806
	STD DEV	0	2	8	31	51	85	56	64	68	35	4	0	257



Section 4:

Cooling Degree Days








Divisional Normals, 1971-2000 (and previous periods)

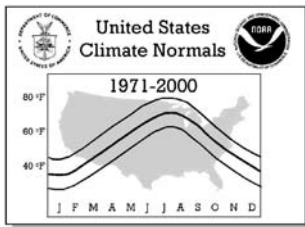
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Arizona – Arkansas

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AZ-05 Southwest 	31-00 AVERAGE	7	21	64	182	377	610	832	797	597	280	43	3	3813
	STD DEV	6	16	37	63	82	77	47	56	70	69	24	4	253
	31-60 AVERAGE	5	18	63	186	369	590	830	787	605	281	39	4	3776
	STD DEV	4	16	37	56	78	74	49	42	67	70	24	5	226
	41-70 AVERAGE	5	20	52	173	364	578	827	788	594	278	44	3	3727
	STD DEV	4	18	25	61	67	78	47	53	68	70	25	4	217
	51-80 AVERAGE	6	21	54	160	356	607	832	779	585	276	42	3	3719
	STD DEV	5	18	35	58	77	77	43	54	59	69	19	4	210
	61-90 AVERAGE	7	21	61	172	369	621	831	786	572	271	44	2	3756
	STD DEV	7	14	39	68	70	77	41	56	71	73	19	4	227
AZ-06 South Central 	71-00 AVERAGE	9	25	72	186	389	643	834	803	599	283	45	3	3892
	STD DEV	7	15	40	68	92	67	49	65	76	70	24	4	280
	31-00 AVERAGE	2	13	41	135	321	565	760	704	519	224	31	1	3318
	STD DEV	3	10	28	56	79	78	45	56	61	62	19	2	249
	31-60 AVERAGE	1	10	38	134	305	544	755	690	523	218	27	1	3246
	STD DEV	2	10	26	51	76	72	49	45	52	60	17	2	226
	41-70 AVERAGE	2	12	31	124	300	530	748	682	508	219	31	1	3188
	STD DEV	2	11	17	52	65	79	45	56	60	65	19	2	216
	51-80 AVERAGE	2	12	35	116	299	562	759	682	505	222	30	1	3225
	STD DEV	2	11	26	43	69	77	43	55	53	60	16	3	190
AZ-07 Southeast 	61-90 AVERAGE	3	13	41	133	320	578	761	697	499	220	32	1	3299
	STD DEV	4	8	31	61	68	82	40	56	62	67	16	2	232
	71-00 AVERAGE	4	16	49	145	342	603	765	722	529	233	34	1	3443
	STD DEV	4	10	32	61	83	68	43	56	66	65	20	3	238
	31-00 AVERAGE	0	1	6	43	154	374	485	421	287	86	5	0	1862
	STD DEV	0	2	6	26	53	60	47	49	56	35	5	0	193
	31-60 AVERAGE	0	1	7	51	167	391	506	437	315	102	6	0	1982
	STD DEV	0	3	6	28	52	48	43	44	43	36	5	0	143
	41-70 AVERAGE	0	2	5	45	154	367	498	425	299	93	6	0	1895
	STD DEV	0	3	5	30	45	62	48	51	58	41	6	0	199
AR-01 Northwest 	51-80 AVERAGE	0	1	5	32	133	361	477	399	269	80	4	0	1758
	STD DEV	0	3	7	21	44	62	44	45	52	36	3	0	159
	61-90 AVERAGE	0	1	5	35	133	354	462	394	249	70	3	0	1706
	STD DEV	0	1	7	24	40	61	43	43	44	31	3	0	120
	71-00 AVERAGE	0	1	7	38	148	373	467	412	271	74	4	0	1793
	STD DEV	0	2	7	25	56	64	46	49	56	29	5	0	186
	31-00 AVERAGE	0	1	10	23	102	269	417	388	192	43	2	0	1447
	STD DEV	1	2	10	18	44	68	75	86	65	28	3	0	238
	31-60 AVERAGE	0	1	10	25	106	294	433	413	213	52	2	0	1549
	STD DEV	2	2	11	21	38	77	83	92	68	30	3	0	240
AR-02 North Central 	41-70 AVERAGE	0	0	9	31	110	276	412	385	190	48	2	0	1461
	STD DEV	0	1	11	22	44	70	77	81	50	34	2	0	220
	51-80 AVERAGE	0	1	9	26	106	267	415	373	192	42	2	0	1431
	STD DEV	0	2	10	20	46	77	80	72	60	29	3	0	238
	61-90 AVERAGE	0	0	10	24	99	251	404	362	179	36	2	0	1368
	STD DEV	1	1	9	18	47	54	70	68	57	27	3	1	201
	71-00 AVERAGE	0	1	9	18	94	250	403	374	178	34	2	0	1365
	STD DEV	1	2	7	14	45	61	67	81	65	17	4	1	212
	31-00 AVERAGE	0	1	12	24	116	292	434	398	198	43	1	0	1520
	STD DEV	1	2	11	18	47	64	68	82	66	27	2	0	228
AR-03 Northeast 	31-60 AVERAGE	0	1	12	25	121	315	444	420	216	51	1	0	1607
	STD DEV	1	2	13	20	42	71	74	85	73	27	2	0	234
	41-70 AVERAGE	0	0	10	30	121	295	422	389	188	45	1	0	1501
	STD DEV	0	1	12	21	47	64	67	77	49	31	2	0	201
	51-80 AVERAGE	0	1	10	26	118	285	427	385	193	40	1	0	1485
	STD DEV	0	2	10	20	49	71	70	71	59	29	2	0	220
	61-90 AVERAGE	0	0	12	23	110	274	424	376	187	36	2	0	1445
	STD DEV	1	1	10	18	50	54	66	69	58	28	2	1	198
	71-00 AVERAGE	0	1	12	19	109	277	430	392	188	35	2	0	1466
	STD DEV	1	2	8	15	49	59	61	80	61	19	3	1	210
AR-03 Northeast 	31-00 AVERAGE	1	1	15	35	163	363	486	440	233	58	3	0	1799
	STD DEV	2	2	13	22	56	61	62	72	67	32	3	1	198
	31-60 AVERAGE	1	1	14	33	157	365	478	456	244	64	2	0	1816
	STD DEV	2	3	15	21	45	71	60	72	71	32	3	1	188
	41-70 AVERAGE	0	1	13	39	164	358	467	430	220	59	2	0	1753
	STD DEV	1	2	13	23	55	66	61	70	54	35	2	1	179
	51-80 AVERAGE	0	1	13	37	165	358	482	425	227	55	2	0	1767
	STD DEV	1	2	12	23	59	72	67	65	63	34	3	1	210
	61-90 AVERAGE	0	1	16	37	165	360	490	424	228	54	3	1	1778
	STD DEV	1	2	12	23	64	53	67	69	65	34	3	2	209
0303	71-00 AVERAGE	0	2	16	34	165	365	502	439	231	54	3	0	1812
	STD DEV	1	3	10	22	61	58	62	73	67	29	4	2	215



Section 4:

Cooling Degree Days







Divisional Normals, 1971-2000 (and previous periods)

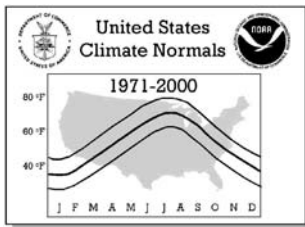
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Temperature (°F), Precipitation (inches), and Degree Days

Arkansas

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AR-04 West Central  0304	31-00 AVERAGE	0	1	14	31	146	335	478	451	251	67	2	0	1776
	STD DEV	1	2	12	21	50	66	68	87	73	35	3	1	243
	31-60 AVERAGE	0	1	12	30	146	347	481	464	267	77	2	0	1829
	STD DEV	1	2	13	21	45	76	75	92	78	37	3	1	261
	41-70 AVERAGE	0	1	11	36	149	331	461	434	238	67	2	0	1729
	STD DEV	1	1	12	23	48	66	67	79	56	40	3	0	217
	51-80 AVERAGE	0	1	12	34	152	332	474	438	249	63	2	0	1758
	STD DEV	1	2	11	22	53	72	72	72	70	37	3	0	236
	61-90 AVERAGE	0	1	15	34	144	326	472	434	240	58	3	0	1728
	STD DEV	0	2	11	23	52	55	64	70	67	34	3	1	211
AR-05 Central  0305	71-00 AVERAGE	0	2	15	29	143	328	478	451	244	58	3	0	1751
	STD DEV	0	3	9	20	54	61	62	85	73	24	4	1	224
	31-00 AVERAGE	1	2	17	41	163	360	494	466	265	70	3	1	1883
	STD DEV	2	3	14	25	53	64	64	84	72	35	4	4	243
	31-60 AVERAGE	1	2	16	43	166	379	505	493	287	81	2	2	1978
	STD DEV	3	3	16	26	50	73	64	86	75	36	3	5	242
	41-70 AVERAGE	1	2	15	50	170	364	487	462	258	74	3	2	1886
	STD DEV	2	3	15	28	52	68	63	77	57	41	3	5	227
	51-80 AVERAGE	1	2	16	45	167	355	492	454	262	68	2	1	1865
	STD DEV	2	3	14	28	55	74	67	74	69	38	3	2	250
AR-06 East Central  0306	61-90 AVERAGE	0	2	18	43	158	344	482	440	251	61	3	1	1803
	STD DEV	1	3	14	26	53	52	64	67	66	35	4	3	208
	71-00 AVERAGE	0	2	18	36	156	347	490	454	253	60	3	1	1820
	STD DEV	1	3	11	22	57	59	64	82	69	27	4	3	228
	31-00 AVERAGE	3	4	20	47	189	389	501	461	264	77	4	1	1959
	STD DEV	5	5	16	27	58	59	55	71	70	38	5	3	205
	31-60 AVERAGE	4	4	20	46	186	395	500	482	280	85	3	2	2007
	STD DEV	6	5	20	27	51	66	52	70	72	40	4	4	187
	41-70 AVERAGE	2	3	18	54	193	387	490	455	252	77	3	1	1936
	STD DEV	5	4	17	30	56	63	54	68	55	43	4	3	177
AR-07 Southwest  0307	51-80 AVERAGE	1	3	18	50	193	383	498	448	258	73	3	1	1930
	STD DEV	3	5	15	29	60	69	59	64	68	39	4	3	212
	61-90 AVERAGE	1	3	20	49	188	380	495	440	253	70	5	1	1905
	STD DEV	3	5	14	29	64	51	58	61	69	39	5	4	202
	71-00 AVERAGE	1	4	20	43	188	388	511	456	258	72	4	1	1946
	STD DEV	3	5	12	26	63	58	56	70	70	33	5	3	220
	31-00 AVERAGE	1	3	19	49	174	368	497	481	280	79	6	1	1958
	STD DEV	3	4	17	27	52	59	61	78	71	37	6	3	239
	31-60 AVERAGE	2	3	20	51	181	391	510	503	302	93	5	1	2062
	STD DEV	4	4	20	27	51	61	55	74	70	39	5	2	206
AR-08 South Central  0308	41-70 AVERAGE	1	2	16	59	184	374	495	479	275	82	6	1	1973
	STD DEV	3	3	16	30	51	59	60	68	50	42	6	2	195
	51-80 AVERAGE	1	2	18	54	183	368	500	473	282	77	5	1	1965
	STD DEV	2	4	16	29	55	64	67	71	68	37	6	2	236
	61-90 AVERAGE	0	2	20	53	172	354	484	463	268	70	7	1	1896
	STD DEV	1	4	15	29	51	51	62	65	68	36	7	3	220
	71-00 AVERAGE	1	3	19	41	165	353	490	469	266	66	6	1	1879
	STD DEV	1	4	12	25	56	57	63	82	73	27	7	3	245
	31-00 AVERAGE	2	4	26	58	200	395	515	493	296	92	6	2	2091
	STD DEV	4	5	20	31	55	62	58	76	72	43	6	4	247
AR-09 Southeast  0309	31-60 AVERAGE	3	4	27	62	213	426	536	526	327	113	6	3	2246
	STD DEV	5	5	24	30	54	61	51	76	70	46	6	4	210
	41-70 AVERAGE	2	4	24	69	212	405	516	495	296	99	6	2	2128
	STD DEV	5	4	21	34	54	62	60	75	58	50	6	3	230
	51-80 AVERAGE	1	3	24	60	200	385	509	479	290	85	5	1	2043
	STD DEV	3	5	20	32	57	64	61	70	70	41	6	3	235
	61-90 AVERAGE	1	3	27	59	189	368	492	464	274	77	7	2	1961
	STD DEV	2	5	19	32	53	51	57	58	70	37	7	5	202
	71-00 AVERAGE	1	4	26	50	187	373	503	476	275	75	6	2	1978
	STD DEV	2	4	14	28	58	56	55	70	69	28	6	5	209



Section 4:

Cooling Degree Days








Divisional Normals, 1971-2000 (and previous periods)

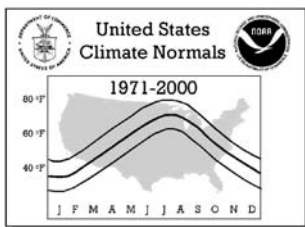
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

California

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
CA-01 North Coast DB  0401	31-00 AVERAGE	0	0	0	2	9	29	85	75	34	4	0	0	238
	STD DEV	0	0	1	3	9	17	30	27	18	4	0	0	62
	31-60 AVERAGE	0	0	0	2	9	27	79	64	32	4	0	0	217
	STD DEV	0	0	1	2	8	15	28	26	16	3	0	0	59
	41-70 AVERAGE	0	0	0	2	7	24	74	62	32	3	0	0	203
	STD DEV	0	0	0	2	5	16	26	26	18	3	0	0	57
	51-80 AVERAGE	0	0	0	1	7	27	79	68	33	3	0	0	219
	STD DEV	0	0	0	2	5	18	25	30	19	3	0	0	61
	61-90 AVERAGE	0	0	0	2	8	31	85	80	33	4	0	0	243
	STD DEV	0	0	0	3	5	19	31	26	19	4	0	0	57
CA-02 Sacramento DB  0402	71-00 AVERAGE	0	0	0	3	10	33	95	86	37	5	0	0	269
	STD DEV	0	0	0	4	10	18	32	24	18	5	0	0	53
	31-00 AVERAGE	0	0	0	9	35	107	237	200	103	22	0	0	713
	STD DEV	0	0	1	7	22	44	57	53	39	16	1	0	109
	31-60 AVERAGE	0	0	0	9	34	103	246	194	105	21	0	0	714
	STD DEV	0	0	2	7	20	46	57	54	38	16	1	0	107
	41-70 AVERAGE	0	0	0	8	32	101	241	191	107	22	0	0	702
	STD DEV	0	0	0	7	20	48	55	62	38	16	1	0	125
	51-80 AVERAGE	0	0	0	7	34	111	239	198	103	22	0	0	716
	STD DEV	0	0	1	7	20	50	49	64	39	15	1	0	117
CA-03 Northeast Interior Basins  0403	61-90 AVERAGE	0	0	0	8	36	114	231	203	96	22	0	0	710
	STD DEV	0	0	1	8	20	45	58	56	42	16	1	0	116
	71-00 AVERAGE	0	0	0	8	37	109	228	199	101	23	0	0	705
	STD DEV	0	0	1	7	25	43	59	46	40	18	1	0	103
	31-00 AVERAGE	0	0	0	0	2	15	68	47	12	0	0	0	144
	STD DEV	0	0	0	0	2	12	32	25	9	1	0	0	55
	31-60 AVERAGE	0	0	0	0	2	16	85	56	16	1	0	0	175
	STD DEV	0	0	0	1	3	12	32	26	11	2	0	0	51
	41-70 AVERAGE	0	0	0	0	2	16	79	50	15	1	0	0	162
	STD DEV	0	0	0	1	3	14	28	27	11	2	0	0	52
CA-04 Central Coast DB  0404	51-80 AVERAGE	0	0	0	0	2	18	73	47	13	1	0	0	154
	STD DEV	0	0	0	1	3	15	28	28	11	2	0	0	55
	61-90 AVERAGE	0	0	0	0	1	16	60	43	9	0	0	0	129
	STD DEV	0	0	0	0	2	14	25	24	8	1	0	0	46
	71-00 AVERAGE	0	0	0	0	1	13	53	37	8	0	0	0	112
	STD DEV	0	0	0	0	2	12	25	20	6	1	0	0	41
	31-00 AVERAGE	0	0	1	4	13	32	58	59	58	17	1	0	243
	STD DEV	0	1	2	4	12	20	24	25	28	11	2	0	76
	31-60 AVERAGE	0	0	1	3	12	28	52	44	52	13	1	0	206
	STD DEV	0	0	3	3	9	17	20	20	21	9	2	0	65
CA-05 San Joaquin DB  0405	41-70 AVERAGE	0	0	1	3	9	28	53	52	55	15	1	0	217
	STD DEV	0	1	1	3	6	19	22	25	22	11	2	0	70
	51-80 AVERAGE	0	0	1	3	10	31	56	59	59	18	1	0	237
	STD DEV	0	1	2	3	7	19	21	25	25	12	2	0	69
	61-90 AVERAGE	0	0	1	4	12	35	61	66	60	18	1	0	260
	STD DEV	1	1	2	4	8	23	25	20	34	12	2	0	69
	71-00 AVERAGE	0	0	2	5	16	37	64	72	63	19	1	0	280
	STD DEV	1	1	2	5	14	22	25	23	34	12	2	0	75
	31-00 AVERAGE	0	0	3	23	79	190	361	322	185	52	2	0	1216
	STD DEV	0	0	4	17	37	60	64	62	51	27	2	0	146
CA-06 South Coast DB  0406	31-60 AVERAGE	0	0	3	23	75	181	371	315	183	48	2	0	1200
	STD DEV	0	0	5	16	34	62	68	69	44	26	2	0	160
	41-70 AVERAGE	0	0	1	20	69	173	359	305	180	48	2	0	1157
	STD DEV	0	1	2	15	31	64	63	69	45	25	2	0	151
	51-80 AVERAGE	0	0	2	19	74	191	363	313	182	53	2	0	1199
	STD DEV	0	1	3	15	34	65	54	67	49	26	2	0	134
	61-90 AVERAGE	0	0	3	22	79	202	357	320	177	53	2	0	1214
	STD DEV	0	1	4	19	33	60	64	55	59	27	2	0	138
	71-00 AVERAGE	0	0	4	24	85	202	350	323	189	56	2	0	1236
	STD DEV	0	0	4	18	42	55	61	53	57	30	2	0	130
CA-06 South Coast DB  0406	31-00 AVERAGE	3	3	8	18	44	101	214	229	163	55	11	1	849
	STD DEV	4	4	7	13	28	41	50	53	51	27	9	2	160
	31-60 AVERAGE	2	1	7	15	39	88	207	204	155	46	12	2	778
	STD DEV	3	3	9	10	22	31	55	43	43	22	10	3	143
	41-70 AVERAGE	2	2	5	13	33	82	202	212	154	50	11	1	767
	STD DEV	3	4	5	9	17	33	48	49	44	29	9	2	123
	51-80 AVERAGE	3	3	6	13	35	98	215	224	162	56	10	1	824
	STD DEV	3	4	6	9	17	39	44	50	45	30	9	3	111
	61-90 AVERAGE	4	3	7	17	42	109	221	238	163	60	10	1	875
	STD DEV	4	4	6	14	23	46	49	51	59	28	8	2	148
0406	71-00 AVERAGE	4	4	9	22	53	123	224	246	177	62	11	2	937
	STD DEV	4	4	7	16	33	42	46	57	58	27	8	2	154



Section 4:

Cooling Degree Days








Divisional Normals, 1971-2000 (and previous periods)

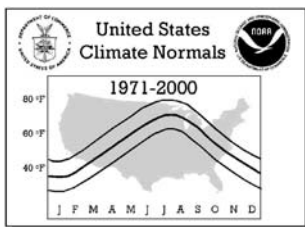
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Temperature (°F), Precipitation (inches), and Degree Days

California – Colorado

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
CA-07 Southeast Desert Basins 	31-00 AVERAGE	2	5	22	87	207	396	608	567	368	134	13	0	2409
	STD DEV	3	6	18	45	72	87	59	66	76	52	11	1	288
	31-60 AVERAGE	1	3	19	84	192	367	601	549	367	125	11	0	2320
	STD DEV	2	5	16	38	61	73	60	53	75	48	10	2	228
	41-70 AVERAGE	1	4	15	79	188	362	601	550	363	130	12	0	2304
	STD DEV	2	5	9	40	55	73	59	60	76	49	10	2	222
	51-80 AVERAGE	1	5	16	70	183	388	601	543	356	132	11	0	2305
	STD DEV	2	5	13	36	60	72	56	62	75	52	8	1	202
	61-90 AVERAGE	2	6	22	84	207	417	610	563	353	136	13	0	2412
	STD DEV	4	5	19	52	67	92	61	68	79	58	8	1	309
0407 CO-01 Arkansas DB 	71-00 AVERAGE	3	7	29	98	233	445	627	590	388	147	15	0	2583
	STD DEV	4	6	21	51	81	80	56	71	73	57	12	1	278
	31-00 AVERAGE	0	0	0	1	10	91	181	139	34	2	0	0	456
	STD DEV	0	0	0	1	9	41	45	42	20	3	0	0	104
	31-60 AVERAGE	0	0	0	1	11	97	187	153	40	2	0	0	490
	STD DEV	0	0	0	2	11	48	45	38	20	3	0	0	106
	41-70 AVERAGE	0	0	0	1	11	89	179	142	34	2	0	0	459
	STD DEV	0	0	0	2	9	47	48	39	21	4	0	0	113
	51-80 AVERAGE	0	0	0	0	11	96	185	134	32	2	0	0	460
	STD DEV	0	0	0	1	9	46	50	43	21	3	0	0	118
0501 CO-02 Colorado DB 	61-90 AVERAGE	0	0	0	1	9	87	180	125	28	1	0	0	431
	STD DEV	0	0	0	1	6	36	46	41	19	3	0	0	96
	71-00 AVERAGE	0	0	0	0	9	90	172	129	30	1	0	0	430
	STD DEV	0	0	0	1	7	37	40	42	18	1	0	0	89
	31-00 AVERAGE	0	0	0	0	1	23	67	43	5	0	0	0	138
	STD DEV	0	0	0	0	1	16	26	21	5	0	0	0	49
	31-60 AVERAGE	0	0	0	0	1	23	69	43	6	0	0	0	142
	STD DEV	0	0	0	0	2	15	28	18	3	0	0	0	49
	41-70 AVERAGE	0	0	0	0	1	17	61	37	4	0	0	0	120
	STD DEV	0	0	0	0	1	12	21	17	3	0	0	0	34
0502 CO-03 Kansas DB 	51-80 AVERAGE	0	0	0	0	1	21	62	34	4	0	0	0	122
	STD DEV	0	0	0	0	1	14	21	17	3	0	0	0	35
	61-90 AVERAGE	0	0	0	0	0	23	64	38	5	0	0	0	131
	STD DEV	0	0	0	0	1	17	22	20	5	0	0	0	40
	71-00 AVERAGE	0	0	0	0	1	26	64	44	6	0	0	0	140
	STD DEV	0	0	0	0	1	17	26	22	6	0	0	0	52
	31-00 AVERAGE	0	0	0	2	31	153	292	240	75	6	0	0	798
	STD DEV	0	0	0	3	20	56	62	59	35	7	0	0	143
	31-60 AVERAGE	0	0	0	2	31	158	303	256	84	8	0	0	841
	STD DEV	0	0	0	3	24	67	69	56	35	8	0	0	157
0503 CO-04 Platte DB 	41-70 AVERAGE	0	0	0	3	31	148	287	244	74	7	0	0	794
	STD DEV	0	0	0	4	20	65	63	54	35	9	0	0	151
	51-80 AVERAGE	0	0	0	2	32	163	298	238	73	7	0	0	814
	STD DEV	0	0	0	3	19	61	64	51	34	7	0	0	136
	61-90 AVERAGE	0	0	0	2	30	152	293	229	67	5	0	0	777
	STD DEV	0	0	1	3	17	47	51	56	33	7	0	0	112
	71-00 AVERAGE	0	0	0	1	28	150	276	226	69	4	0	0	754
	STD DEV	0	0	1	2	15	47	52	61	33	3	0	0	114
	31-00 AVERAGE	0	0	0	0	5	56	123	88	21	1	0	0	294
	STD DEV	0	0	0	1	5	32	42	36	14	1	0	0	90
0504 CO-05 Rio Grande DB 	31-60 AVERAGE	0	0	0	0	6	67	143	108	26	1	0	0	352
	STD DEV	0	0	0	1	7	36	42	31	13	2	0	0	84
	41-70 AVERAGE	0	0	0	0	5	54	125	92	21	1	0	0	299
	STD DEV	0	0	0	1	5	35	38	33	14	2	0	0	83
	51-80 AVERAGE	0	0	0	0	5	59	124	82	20	1	0	0	290
	STD DEV	0	0	0	1	5	35	41	34	13	1	0	0	89
	61-90 AVERAGE	0	0	0	0	3	49	111	71	16	0	0	0	250
	STD DEV	0	0	0	0	3	25	33	29	12	1	0	0	58
	71-00 AVERAGE	0	0	0	0	4	51	105	73	17	0	0	0	251
	STD DEV	0	0	0	0	3	26	35	32	13	0	0	0	69
0505 CO-05 Rio Grande DB 	31-00 AVERAGE	0	0	0	0	0	3	10	7	0	0	0	0	19
	STD DEV	0	0	0	0	0	3	7	6	1	0	0	0	11
	31-60 AVERAGE	0	0	0	0	0	3	9	7	0	0	0	0	19
	STD DEV	0	0	0	0	0	3	7	5	0	0	0	0	10
	41-70 AVERAGE	0	0	0	0	0	2	9	6	0	0	0	0	17
	STD DEV	0	0	0	0	0	2	8	5	0	0	0	0	10
	51-80 AVERAGE	0	0	0	0	0	2	10	5	0	0	0	0	18
	STD DEV	0	0	0	0	0	3	8	5	0	0	0	0	11
	61-90 AVERAGE	0	0	0	0	0	2	10	5	0	0	0	0	18
	STD DEV	0	0	0	0	0	4	7	5	0	0	0	0	11
	71-00 AVERAGE	0	0	0	0	0	3	9	6	0	0	0	0	19
	STD DEV	0	0	0	0	0	4	6	6	1	0	0	0	11



Section 4:

Cooling Degree Days







Divisional Normals, 1971-2000 (and previous periods)









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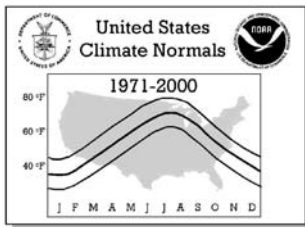
Temperature (°F), Precipitation (inches), and Degree Days

Connecticut – Delaware – Florida

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
CT-01 Northwest  0601	31-00 AVERAGE	0	0	0	0	12	60	151	115	20	1	0	0	360
	STD DEV	0	0	0	0	9	28	44	40	15	3	0	0	85
	31-60 AVERAGE	0	0	0	0	11	58	147	112	19	2	0	0	347
	STD DEV	0	0	0	1	8	29	47	45	13	2	0	0	96
	41-70 AVERAGE	0	0	0	0	10	61	144	109	22	2	0	0	348
	STD DEV	0	0	0	1	9	30	45	42	19	3	0	0	92
	51-80 AVERAGE	0	0	0	0	11	60	149	117	23	2	0	0	363
	STD DEV	0	0	0	0	9	29	42	39	19	3	0	0	78
	61-90 AVERAGE	0	0	0	0	12	61	154	120	23	2	0	0	371
	STD DEV	0	0	0	0	8	28	34	37	19	3	0	0	68
CT-02 Central  0602	71-00 AVERAGE	0	0	0	0	13	62	158	121	19	1	0	0	375
	STD DEV	0	0	0	0	10	29	44	37	12	3	0	0	80
	31-00 AVERAGE	0	0	0	0	16	86	205	157	32	2	0	0	498
	STD DEV	0	0	0	0	12	34	49	45	20	3	0	0	100
	31-60 AVERAGE	0	0	0	0	15	85	206	156	33	3	0	0	499
	STD DEV	0	0	0	0	10	36	51	50	19	3	0	0	105
	41-70 AVERAGE	0	0	0	0	13	83	196	144	32	3	0	0	470
	STD DEV	0	0	0	0	10	35	54	45	22	3	0	0	103
	51-80 AVERAGE	0	0	0	0	14	81	195	152	32	2	0	0	476
	STD DEV	0	0	0	0	10	35	49	42	22	3	0	0	90
CT-03 Coastal  0603	61-90 AVERAGE	0	0	0	0	15	80	198	156	31	2	0	0	482
	STD DEV	0	0	0	0	10	30	37	42	22	3	0	0	78
	71-00 AVERAGE	0	0	0	0	18	89	212	166	31	1	0	0	517
	STD DEV	0	0	0	0	13	36	48	40	16	3	0	0	96
	31-00 AVERAGE	0	0	0	0	16	97	238	202	56	4	0	0	613
	STD DEV	0	0	0	0	11	34	52	54	26	4	0	0	124
	31-60 AVERAGE	0	0	0	0	15	93	226	187	50	4	0	0	575
	STD DEV	0	0	0	0	10	36	45	56	24	4	0	0	111
	41-70 AVERAGE	0	0	0	0	12	86	215	177	50	4	0	0	543
	STD DEV	0	0	0	0	9	32	46	45	27	4	0	0	100
DE-01 Northern  0701	51-80 AVERAGE	0	0	0	0	13	86	226	196	55	4	0	0	580
	STD DEV	0	0	0	0	10	29	47	51	29	5	0	0	110
	61-90 AVERAGE	0	0	0	0	15	95	241	211	60	4	0	0	628
	STD DEV	0	0	0	0	10	32	44	52	29	6	0	0	116
	71-00 AVERAGE	0	0	0	0	19	107	260	226	63	4	0	0	678
	STD DEV	0	0	0	0	13	35	54	47	23	6	0	0	116
	31-00 AVERAGE	0	0	0	2	56	196	336	284	118	17	0	0	1010
	STD DEV	1	0	1	3	28	47	51	53	42	14	0	0	132
	31-60 AVERAGE	0	0	0	2	55	194	330	279	120	20	0	0	1001
	STD DEV	1	0	1	3	27	48	49	54	42	15	0	0	136
DE-02 Southern  0702	41-70 AVERAGE	0	0	0	2	53	190	324	269	116	19	0	0	974
	STD DEV	1	0	1	3	29	46	49	49	46	15	0	0	131
	51-80 AVERAGE	0	0	0	2	51	186	325	287	120	16	0	0	986
	STD DEV	0	0	0	3	26	47	48	49	46	14	0	0	122
	61-90 AVERAGE	0	0	0	1	54	193	331	286	117	16	0	0	999
	STD DEV	0	0	0	2	25	45	45	50	46	14	0	0	113
	71-00 AVERAGE	0	0	0	2	58	201	347	296	118	16	0	0	1037
	STD DEV	0	0	0	2	30	52	56	53	35	15	0	0	131
	31-00 AVERAGE	1	0	1	2	54	208	346	295	130	23	0	0	1059
	STD DEV	2	0	2	3	28	49	51	50	43	17	1	1	129
FL-01 Northwest  0801	31-60 AVERAGE	1	0	1	2	56	209	343	293	130	25	0	0	1059
	STD DEV	3	0	3	4	27	51	51	47	45	17	0	0	125
	41-70 AVERAGE	1	0	1	2	54	203	334	283	124	24	0	0	1026
	STD DEV	2	0	3	4	29	48	48	45	46	17	0	0	121
	51-80 AVERAGE	0	0	0	3	51	194	333	297	127	20	0	0	1026
	STD DEV	0	0	1	4	26	46	44	49	45	16	0	0	116
	61-90 AVERAGE	0	0	0	2	52	203	340	298	127	21	0	0	1043
	STD DEV	0	0	1	3	24	50	48	52	45	18	1	1	130
	71-00 AVERAGE	0	0	0	2	55	210	358	303	133	23	0	0	1084
	STD DEV	0	0	1	3	29	54	54	55	34	18	1	1	132

Climate Division		Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
FL-02 North		31-00 AVERAGE	49	39	68	124	295	434	500	495	401	202	68	36	2709	
		STD DEV	39	28	37	43	49	42	32	26	38	58	38	29	165	
		31-60 AVERAGE	60	47	67	130	307	444	499	502	410	214	66	40	2785	
		STD DEV	44	33	39	42	50	36	32	25	41	63	36	33	136	
		41-70 AVERAGE	47	39	64	139	304	436	493	495	401	203	61	32	2713	
		STD DEV	36	30	36	47	43	45	29	27	40	62	36	22	147	
		51-80 AVERAGE	42	32	66	129	292	424	495	491	404	189	59	30	2654	
		STD DEV	36	26	32	39	45	43	27	26	39	54	29	24	120	
		61-90 AVERAGE	39	31	69	120	279	424	495	488	395	193	69	34	2636	
		STD DEV	37	24	33	39	37	43	32	22	38	58	42	26	147	
0802		71-00 AVERAGE	45	36	71	112	283	431	507	493	398	194	76	35	2680	
		STD DEV	38	22	35	39	51	44	32	26	32	56	42	26	174	
		FL-03 North Central	31-00 AVERAGE	76	71	108	175	336	451	509	510	438	267	109	67	3118
		STD DEV	49	42	47	51	45	37	28	22	27	58	48	41	172	
		31-60 AVERAGE	87	82	108	180	343	454	507	513	441	274	107	72	3168	
		STD DEV	53	48	51	51	46	33	28	21	30	62	48	46	147	
		41-70 AVERAGE	73	71	105	192	345	454	505	511	439	268	102	62	3127	
		STD DEV	42	46	48	55	38	38	24	22	29	61	50	36	149	
		51-80 AVERAGE	68	60	106	181	338	446	506	506	440	257	99	58	3067	
		STD DEV	46	39	44	45	37	36	25	22	29	56	40	36	121	
0803		61-90 AVERAGE	65	60	108	170	327	447	505	505	435	260	110	63	3055	
		STD DEV	49	37	43	48	36	38	28	19	28	59	51	40	171	
		71-00 AVERAGE	73	66	111	162	329	453	513	508	440	264	120	66	3104	
		STD DEV	51	35	46	48	49	39	29	23	24	58	50	39	199	
		FL-04 South Central	31-00 AVERAGE	88	83	127	199	355	457	514	520	461	307	143	87	3339
		STD DEV	50	45	49	52	42	31	26	21	24	55	55	45	190	
		31-60 AVERAGE	93	90	122	200	355	455	509	521	460	307	134	88	3334	
		STD DEV	52	51	52	53	44	27	25	22	26	60	53	49	159	
		41-70 AVERAGE	81	80	121	209	354	454	507	518	458	302	131	79	3294	
		STD DEV	42	49	49	55	34	30	23	22	23	56	56	41	164	
0804		51-80 AVERAGE	78	71	125	201	352	447	508	515	458	295	132	74	3256	
		STD DEV	46	43	46	43	32	30	22	20	22	51	45	41	128	
		61-90 AVERAGE	78	73	129	194	349	453	511	516	458	303	146	83	3293	
		STD DEV	50	42	46	47	31	32	25	17	23	53	58	45	191	
		71-00 AVERAGE	90	84	136	193	357	465	520	523	466	312	163	92	3400	
		STD DEV	53	40	47	52	46	34	26	21	22	54	54	43	212	
		FL-05 Everglades & SW Coast	31-00 AVERAGE	111	111	158	233	369	461	520	529	480	358	193	121	3644
		STD DEV	53	50	54	53	38	30	25	20	22	49	60	51	234	
		31-60 AVERAGE	113	116	153	234	366	456	512	528	479	356	183	122	3617	
		STD DEV	54	56	57	58	38	25	23	18	23	54	62	56	220	
0805		41-70 AVERAGE	104	107	157	243	366	458	514	530	481	354	182	111	3607	
		STD DEV	45	55	56	57	33	25	22	17	20	51	65	51	226	
		51-80 AVERAGE	99	95	156	231	365	451	511	523	476	345	181	105	3539	
		STD DEV	49	49	49	40	30	25	21	17	19	46	51	47	157	
		61-90 AVERAGE	102	100	159	225	363	458	518	525	477	352	194	115	3586	
		STD DEV	54	47	49	46	28	29	23	18	21	45	61	50	204	
		71-00 AVERAGE	117	113	167	232	378	472	528	534	486	365	218	131	3741	
		STD DEV	58	46	51	52	41	32	26	22	22	47	52	46	228	
		FL-06 Lower East Coast	31-00 AVERAGE	140	132	189	262	381	462	523	531	484	385	231	154	3872
		STD DEV	57	54	57	49	35	31	29	24	25	41	61	56	242	
0806		31-60 AVERAGE	141	135	178	254	367	452	507	520	473	377	218	153	3774	
		STD DEV	59	58	56	52	32	22	21	20	21	44	60	60	175	
		41-70 AVERAGE	129	123	183	266	370	454	514	526	478	373	212	140	3768	
		STD DEV	45	58	57	51	27	23	24	19	15	40	65	55	181	
		51-80 AVERAGE	125	116	189	264	380	454	518	527	479	371	217	137	3776	
		STD DEV	51	53	55	38	27	26	24	18	17	38	53	51	164	
		61-90 AVERAGE	131	124	195	263	383	463	526	533	486	384	232	150	3870	
		STD DEV	60	51	55	45	25	31	26	23	24	39	64	57	237	
		71-00 AVERAGE	146	138	204	268	399	479	538	543	497	399	260	167	4036	
		STD DEV	62	51	57	48	35	33	29	25	26	38	51	49	222	
FL-07 Keys		31-00 AVERAGE	188	183	259	346	460	524	585	588	530	443	298	208	4611	
		STD DEV	64	62	62	49	36	34	31	25	26	38	61	63	238	
		31-60 AVERAGE	190	188	254	340	451	516	567	578	519	431	281	206	4520	
		STD DEV	62	70	66	50	38	25	28	26	24	40	64	68	213	
		41-70 AVERAGE	180	177	257	350	453	517	579	590	526	433	286	199	4545	
		STD DEV	52	66	63	47	30	27	28	20	19	37	64	64	194	
		51-80 AVERAGE	178	165	265	353	460	517	585	592	531	441	294	199	4581	
		STD DEV	60	61	60	38	29	33	28	21	20	41	54	63	209	
		61-90 AVERAGE	179	173	264	350	464	527	594	595	538	450	307	209	4651	
		STD DEV	68	58	59	49	31	38	27	21	25	34	59	64	232	
0807		71-00 AVERAGE	192	185	266	348	473	538	599	594	540	457	326	218	4736	
		STD DEV	73	56	58	52	35	37	26	24	26	35	50	59	212	



Section 4:

Cooling Degree Days







Divisional Normals, 1971-2000 (and previous periods)

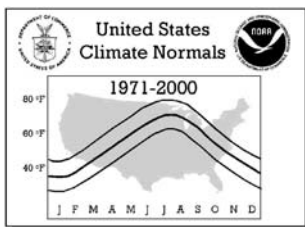
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Georgia

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GA-01 Northwest  0901	31-00 AVERAGE	7	2	14	27	145	312	417	391	226	58	4	2	1603
	STD DEV	10	3	13	18	53	67	59	57	63	34	6	3	230
	31-60 AVERAGE	11	3	16	33	169	354	442	420	254	72	3	2	1777
	STD DEV	13	4	17	18	47	64	50	45	63	37	4	4	162
	41-70 AVERAGE	7	2	13	34	154	316	409	390	225	61	3	1	1616
	STD DEV	11	3	15	19	52	68	57	56	59	39	3	3	208
	51-80 AVERAGE	5	2	12	29	138	291	400	384	224	50	3	1	1540
	STD DEV	7	3	9	19	52	67	62	55	59	28	3	3	216
	61-90 AVERAGE	3	1	13	23	124	279	388	367	205	46	4	1	1455
	STD DEV	7	3	9	16	48	52	58	53	58	30	7	3	175
GA-02 North Central  0902	71-00 AVERAGE	5	1	14	21	125	286	409	376	208	48	4	2	1498
	STD DEV	7	2	10	16	48	53	57	56	54	29	8	3	182
	31-00 AVERAGE	5	1	11	22	128	283	379	350	192	41	4	1	1417
	STD DEV	8	2	10	15	48	63	57	50	54	26	6	3	198
	31-60 AVERAGE	8	1	11	26	146	319	394	372	214	51	3	1	1546
	STD DEV	9	3	12	16	44	55	45	39	56	27	5	3	131
	41-70 AVERAGE	5	1	10	28	135	285	368	349	189	44	3	1	1417
	STD DEV	8	2	12	17	49	65	51	52	54	30	3	2	195
	51-80 AVERAGE	3	1	9	23	120	257	358	342	187	35	3	1	1337
	STD DEV	6	2	7	15	51	65	58	54	54	22	3	3	211
GA-03 Northeast  0903	61-90 AVERAGE	2	1	10	19	110	255	357	331	174	33	5	1	1298
	STD DEV	6	2	7	14	45	57	62	52	50	25	8	3	180
	71-00 AVERAGE	4	1	12	18	114	264	380	342	180	36	5	1	1354
	STD DEV	6	2	8	14	44	57	62	53	45	24	8	3	179
	31-00 AVERAGE	3	1	10	20	127	285	381	350	189	43	3	1	1412
	STD DEV	6	1	10	14	47	63	57	52	53	27	5	2	195
	31-60 AVERAGE	5	1	10	23	142	323	398	375	213	53	2	1	1546
	STD DEV	8	2	12	15	42	55	46	42	53	29	3	2	129
	41-70 AVERAGE	3	1	9	25	137	290	371	351	186	46	2	0	1421
	STD DEV	7	1	11	15	50	65	52	56	57	30	3	2	201
GA-04 West Central  0904	51-80 AVERAGE	3	0	8	22	123	262	364	345	184	37	2	1	1351
	STD DEV	6	1	7	14	53	64	59	54	53	24	2	2	208
	61-90 AVERAGE	2	0	10	18	114	256	358	330	170	36	3	1	1298
	STD DEV	5	1	7	12	47	53	62	49	48	26	7	2	170
	71-00 AVERAGE	3	0	11	17	112	263	380	338	176	37	4	1	1341
	STD DEV	6	1	8	12	43	57	60	50	43	25	7	2	168
	31-00 AVERAGE	9	4	19	43	181	352	439	418	256	70	8	3	1802
	STD DEV	12	5	16	25	55	59	54	46	57	35	9	5	179
	31-60 AVERAGE	13	5	18	45	196	380	443	430	271	80	7	3	1891
	STD DEV	14	6	18	25	51	54	46	39	59	39	7	5	138
GA-05 Central  0905	41-70 AVERAGE	9	4	17	52	190	352	425	413	251	73	6	2	1794
	STD DEV	13	6	17	26	53	62	45	46	57	41	6	4	170
	51-80 AVERAGE	7	3	17	48	177	334	427	414	257	63	7	2	1758
	STD DEV	10	6	13	25	58	62	51	46	62	30	6	5	183
	61-90 AVERAGE	5	3	19	42	163	329	424	407	246	63	10	3	1714
	STD DEV	10	5	13	24	51	52	56	45	59	34	11	5	168
	71-00 AVERAGE	7	3	21	37	167	337	448	416	250	64	10	3	1764
	STD DEV	10	4	14	24	54	54	58	50	52	32	12	5	174
	31-00 AVERAGE	14	7	29	59	215	390	480	454	291	88	13	5	2045
	STD DEV	17	7	21	29	60	63	54	49	59	41	13	7	201
GA-06 East Central  0906	31-60 AVERAGE	20	10	30	64	235	422	487	471	310	100	11	6	2167
	STD DEV	19	9	26	28	54	52	46	38	59	42	10	7	134
	41-70 AVERAGE	14	8	27	71	226	393	467	452	287	91	11	4	2050
	STD DEV	16	8	24	30	59	67	46	49	61	45	9	6	196
	51-80 AVERAGE	12	6	27	64	209	369	463	450	289	81	11	4	1985
	STD DEV	15	8	17	27	64	67	50	50	64	36	9	7	202
	61-90 AVERAGE	9	5	28	56	195	366	464	440	278	82	15	5	1943
	STD DEV	15	6	16	26	55	60	58	50	60	43	15	7	186
	71-00 AVERAGE	12	6	31	50	197	373	485	447	281	80	15	5	1984
	STD DEV	15	6	18	27	57	61	59	53	53	40	16	7	193



Section 4:

Cooling Degree Days








Divisional Normals, 1971-2000 (and previous periods)

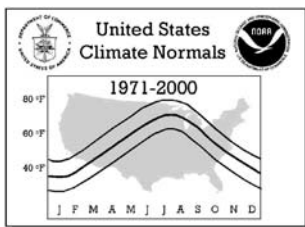
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Georgia – Idaho

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GA-07 Southwest 	31-00 AVERAGE	28	20	43	89	258	420	493	478	343	130	26	14	2341
	STD DEV	28	17	29	38	58	57	46	43	54	50	20	13	190
	31-60 AVERAGE	38	25	44	95	278	449	500	494	360	148	25	16	2472
	STD DEV	32	20	33	37	55	43	37	36	50	53	17	15	115
	41-70 AVERAGE	30	22	40	106	273	427	487	484	346	136	23	11	2385
	STD DEV	28	20	30	41	55	58	41	43	52	54	16	9	172
	51-80 AVERAGE	25	17	41	98	254	406	485	477	350	121	22	11	2306
	STD DEV	25	18	25	38	61	59	48	45	59	42	15	11	189
	61-90 AVERAGE	21	15	42	88	242	401	481	468	334	119	29	12	2251
	STD DEV	24	15	23	36	52	53	51	42	57	50	24	13	172
GA-08 South Central 	71-00 AVERAGE	23	16	43	75	236	402	494	471	331	116	30	13	2250
	STD DEV	24	10	25	35	54	58	52	44	54	48	24	13	182
	31-00 AVERAGE	32	19	44	90	258	418	496	479	341	132	30	17	2357
	STD DEV	30	16	29	37	56	55	43	38	49	51	23	17	187
	31-60 AVERAGE	42	24	45	97	279	443	501	491	357	147	29	20	2474
	STD DEV	34	19	34	34	54	45	43	32	49	54	20	21	137
	41-70 AVERAGE	31	19	39	102	265	419	485	479	338	133	25	13	2348
	STD DEV	27	17	29	39	53	58	39	37	48	54	18	10	163
	51-80 AVERAGE	27	15	40	94	247	398	483	475	342	119	23	14	2278
	STD DEV	27	15	24	35	55	58	38	36	50	43	15	13	151
GA-09 Southeast 	61-90 AVERAGE	23	14	43	87	238	399	485	470	332	123	32	15	2261
	STD DEV	27	13	22	33	44	53	44	36	49	51	27	15	163
	71-00 AVERAGE	27	16	45	79	243	407	501	473	334	123	35	16	2299
	STD DEV	27	10	25	36	56	55	43	40	44	49	28	14	176
	31-00 AVERAGE	32	20	44	84	256	419	506	487	353	146	37	18	2403
	STD DEV	30	16	28	34	53	54	43	34	46	52	27	18	169
	31-60 AVERAGE	40	24	43	86	267	435	501	494	361	154	33	20	2457
	STD DEV	34	19	32	32	53	44	40	31	46	54	22	21	120
	41-70 AVERAGE	29	19	39	91	258	417	491	483	345	145	30	14	2361
	STD DEV	26	17	29	35	50	57	33	33	47	55	21	11	143
ID-01 Panhandle 	51-80 AVERAGE	27	16	40	85	248	398	491	479	352	135	30	16	2318
	STD DEV	27	14	24	29	54	55	33	32	48	47	19	14	132
	61-90 AVERAGE	25	16	44	81	240	403	500	478	347	141	39	18	2331
	STD DEV	28	14	22	29	40	57	44	34	49	55	31	16	175
	71-00 AVERAGE	29	19	48	80	251	416	520	486	355	143	45	19	2410
	STD DEV	27	12	26	37	55	57	45	37	40	53	32	15	188
	31-00 AVERAGE	0	0	0	0	4	22	89	76	18	0	0	0	208
	STD DEV	0	0	0	0	5	16	37	36	14	0	0	0	66
	31-60 AVERAGE	0	0	0	0	5	20	93	68	17	0	0	0	203
	STD DEV	0	0	0	0	6	14	31	28	12	0	0	0	61
ID-02 North Central Prairies 	41-70 AVERAGE	0	0	0	0	4	21	88	70	18	0	0	0	200
	STD DEV	0	0	0	0	6	15	31	38	14	0	0	0	72
	51-80 AVERAGE	0	0	0	0	3	22	86	73	17	0	0	0	202
	STD DEV	0	0	0	0	6	16	30	43	14	0	0	0	73
	61-90 AVERAGE	0	0	0	0	3	26	84	82	18	0	0	0	213
	STD DEV	0	0	0	0	2	18	38	42	16	0	0	0	65
	71-00 AVERAGE	0	0	0	0	3	22	85	83	17	0	0	0	210
	STD DEV	0	0	0	0	4	18	45	38	14	0	0	0	64
	31-00 AVERAGE	0	0	0	0	2	14	74	73	24	0	0	0	188
	STD DEV	0	0	0	0	4	12	34	36	18	1	0	0	63
ID-03 North Central Canyons 	31-60 AVERAGE	0	0	0	0	3	15	87	70	25	1	0	0	201
	STD DEV	0	0	0	0	5	11	32	28	16	2	0	0	56
	41-70 AVERAGE	0	0	0	0	2	13	77	69	23	1	0	0	186
	STD DEV	0	0	0	0	4	12	32	38	17	2	0	0	66
	51-80 AVERAGE	0	0	0	0	2	15	74	68	22	0	0	0	181
	STD DEV	0	0	0	0	4	12	31	42	17	1	0	0	68
	61-90 AVERAGE	0	0	0	0	1	15	64	73	21	0	0	0	175
	STD DEV	0	0	0	0	1	13	29	44	19	1	0	0	63
	71-00 AVERAGE	0	0	0	0	2	13	63	75	21	0	0	0	174
	STD DEV	0	0	0	0	3	11	34	38	17	1	0	0	57
ID-03 North Central Canyons 	31-00 AVERAGE	0	0	0	2	25	86	245	226	75	4	0	0	663
	STD DEV	1	0	0	3	18	39	60	63	38	6	0	0	121
	31-60 AVERAGE	0	0	0	2	29	84	263	212	76	6	0	0	672
	STD DEV	1	0	0	3	22	32	47	46	31	7	0	0	104
	41-70 AVERAGE	0	0	0	2	24	82	255	221	76	4	0	0	664
	STD DEV	1	0	0	2	19	36	48	66	39	5	0	0	124
	51-80 AVERAGE	0	0	0	1	22	87	250	221	75	3	0	0	660
	STD DEV	1	0	0	2	17	40	48	77	40	5	0	0	133
	61-90 AVERAGE	0	0	0	2	21	96	241	239	74	3	0	0	676
	STD DEV	0	0	0	3	12	44	60	77	46	4	0	0	129
1003	71-00 AVERAGE	0	0	0	2	21	84	222	231	72	3	0	0	634
	STD DEV	0	0	0	3	15	44	68	69	37	4	0	0	114



Section 4:

Cooling Degree Days








Divisional Normals, 1971-2000 (and previous periods)

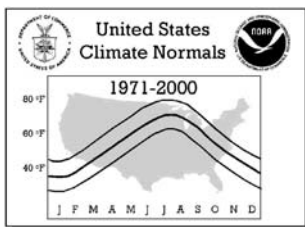
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Idaho

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
ID-04 Central Mountains 	31-00 AVERAGE	0	0	0	0	1	13	63	53	10	0	0	0	141
	STD DEV	0	0	0	0	2	12	30	29	10	0	0	0	52
	31-60 AVERAGE	0	0	0	0	1	10	63	42	9	0	0	0	125
	STD DEV	0	0	0	0	2	8	25	20	6	0	0	0	42
	41-70 AVERAGE	0	0	0	0	1	9	56	45	10	0	0	0	120
	STD DEV	0	0	0	0	2	9	23	29	9	0	0	0	51
	51-80 AVERAGE	0	0	0	0	1	13	61	49	10	0	0	0	134
	STD DEV	0	0	0	0	2	13	26	33	9	0	0	0	53
	61-90 AVERAGE	0	0	0	0	1	17	63	59	11	0	0	0	151
	STD DEV	0	0	0	0	1	15	31	34	11	0	0	0	49
1004 ID-05 Southwestern Valleys 	71-00 AVERAGE	0	0	0	0	1	16	65	62	11	0	0	0	156
	STD DEV	0	0	0	0	2	14	36	30	11	0	0	0	51
	31-00 AVERAGE	0	0	0	2	26	104	272	218	62	2	0	0	686
	STD DEV	1	0	0	3	19	46	61	62	33	3	0	0	122
	31-60 AVERAGE	0	0	0	2	27	94	280	203	58	2	0	0	667
	STD DEV	1	0	0	3	21	39	49	44	23	2	0	0	97
	41-70 AVERAGE	0	0	0	1	24	91	270	203	60	2	0	0	651
	STD DEV	1	0	0	2	18	42	50	57	32	3	0	0	115
	51-80 AVERAGE	0	0	0	1	24	105	272	203	60	2	0	0	667
	STD DEV	1	0	0	2	17	47	50	68	31	2	0	0	118
1005 ID-06 Southwestern Highlands 	61-90 AVERAGE	0	0	0	2	23	116	266	220	60	2	0	0	691
	STD DEV	0	0	0	3	14	52	60	71	38	3	0	0	123
	71-00 AVERAGE	0	0	0	2	25	111	263	231	65	2	0	0	700
	STD DEV	0	0	0	3	18	49	73	69	36	3	0	0	129
	31-00 AVERAGE	0	0	0	1	10	50	157	130	35	21	0	0	405
	STD DEV	0	0	0	2	10	33	57	55	23	28	1	0	134
	31-60 AVERAGE	0	0	0	1	12	48	171	125	34	30	0	0	421
	STD DEV	0	0	0	2	13	38	63	54	21	39	1	0	162
	41-70 AVERAGE	0	0	0	0	7	34	140	105	28	21	0	0	336
	STD DEV	0	0	0	1	7	21	35	39	18	28	1	0	70
1006 ID-07 Central Plains 	51-80 AVERAGE	0	0	0	0	7	44	142	109	29	18	0	0	351
	STD DEV	0	0	0	1	7	26	33	43	19	25	1	0	70
	61-90 AVERAGE	0	0	0	1	7	53	142	124	30	14	0	0	371
	STD DEV	0	0	0	2	5	32	40	54	24	12	0	0	87
	71-00 AVERAGE	0	0	0	1	9	55	149	141	37	15	0	0	407
	STD DEV	0	0	0	2	8	31	53	57	26	11	0	0	112
	31-00 AVERAGE	0	0	0	1	16	71	212	166	44	2	0	0	511
	STD DEV	0	0	0	2	14	38	56	51	25	3	0	0	105
	31-60 AVERAGE	0	0	0	1	18	71	236	167	46	3	0	0	542
	STD DEV	0	0	0	2	16	37	46	39	21	3	0	0	84
1007 ID-08 Northeastern Valleys 	41-70 AVERAGE	0	0	0	1	15	63	222	164	45	3	0	0	512
	STD DEV	0	0	0	2	13	36	45	52	24	3	0	0	95
	51-80 AVERAGE	0	0	0	1	14	69	209	154	42	2	0	0	491
	STD DEV	0	0	0	1	13	39	46	61	24	3	0	0	103
	61-90 AVERAGE	0	0	0	1	12	73	193	155	39	2	0	0	474
	STD DEV	0	0	0	2	8	42	49	60	28	3	0	0	101
	71-00 AVERAGE	0	0	0	1	14	73	189	164	42	2	0	0	484
	STD DEV	0	0	0	2	12	38	60	56	27	3	0	0	106
	31-00 AVERAGE	0	0	0	0	3	26	87	73	11	0	0	0	199
	STD DEV	0	0	0	0	3	21	36	41	9	0	0	0	73
1008 ID-09 Upper Snake River Plains 	31-60 AVERAGE	0	0	0	0	3	25	91	66	10	0	0	0	195
	STD DEV	0	0	0	0	4	21	40	26	7	0	0	0	74
	41-70 AVERAGE	0	0	0	0	2	19	78	70	10	0	0	0	178
	STD DEV	0	0	0	0	3	16	27	54	9	0	0	0	77
	51-80 AVERAGE	0	0	0	0	2	24	83	70	10	0	0	0	189
	STD DEV	0	0	0	0	3	19	25	56	8	0	0	0	74
	61-90 AVERAGE	0	0	0	0	2	29	87	79	11	0	0	0	208
	STD DEV	0	0	0	0	2	22	32	55	10	0	0	0	76
	71-00 AVERAGE	0	0	0	0	2	28	84	72	11	0	0	0	196
	STD DEV	0	0	0	0	3	21	37	30	9	0	0	0	56
1009 ID-09 Upper Snake River Plains 	31-00 AVERAGE	0	0	0	0	6	41	132	94	19	0	0	0	292
	STD DEV	0	0	0	0	6	27	42	36	14	1	0	0	73
	31-60 AVERAGE	0	0	0	0	7	39	143	91	18	0	0	0	299
	STD DEV	0	0	0	1	8	24	40	28	11	1	0	0	67
	41-70 AVERAGE	0	0	0	0	5	33	131	88	18	0	0	0	274
	STD DEV	0	0	0	0	6	22	33	35	12	1	0	0	64
	51-80 AVERAGE	0	0	0	0	5	39	130	83	17	0	0	0	275
	STD DEV	0	0	0	0	6	26	33	39	12	1	0	0	60
	61-90 AVERAGE	0	0	0	0	4	45	128	92	18	0	0	0	287
	STD DEV	0	0	0	0	4	32	38	42	16	1	0	0	70
	71-00 AVERAGE	0	0	0	0	5	45	123	98	20	0	0	0	292
	STD DEV	0	0	0	0	5	29	46	41	16	1	0	0	76



Section 4:

Cooling Degree Days







Divisional Normals, 1971-2000 (and previous periods)

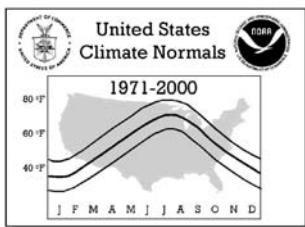
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Idaho – Illinois

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
ID-10 Eastern Highlands 	31-00 AVERAGE	0	0	0	0	2	22	80	61	11	0	0	0	176
	STD DEV	0	0	0	0	3	18	30	28	9	0	0	0	55
	31-60 AVERAGE	0	0	0	0	2	21	85	58	11	0	0	0	176
	STD DEV	0	0	0	0	3	17	31	23	6	0	0	0	52
	41-70 AVERAGE	0	0	0	0	2	17	79	58	11	0	0	0	167
	STD DEV	0	0	0	0	3	14	26	26	8	0	0	0	48
	51-80 AVERAGE	0	0	0	0	2	21	81	54	10	0	0	0	169
	STD DEV	0	0	0	0	3	16	25	30	8	0	0	0	46
	61-90 AVERAGE	0	0	0	0	1	24	78	58	11	0	0	0	172
	STD DEV	0	0	0	0	2	20	26	31	11	0	0	0	51
1010 IL-01 Northwest 	71-00 AVERAGE	0	0	0	0	2	25	76	64	12	0	0	0	179
	STD DEV	0	0	0	0	3	19	32	32	11	0	0	0	56
	31-00 AVERAGE	0	0	1	3	68	184	281	227	69	14	0	0	847
	STD DEV	0	0	2	4	38	61	67	68	35	15	0	0	161
	31-60 AVERAGE	0	0	1	3	68	196	304	252	80	18	0	0	922
	STD DEV	0	0	3	4	39	75	73	67	40	15	0	0	166
	41-70 AVERAGE	0	0	1	4	66	182	271	231	67	18	0	0	840
	STD DEV	0	0	3	4	37	56	59	65	28	19	0	0	134
	51-80 AVERAGE	0	0	0	3	68	179	269	218	68	15	0	0	820
	STD DEV	0	0	1	4	37	56	58	52	30	17	0	0	118
1101 IL-02 Northeast 	61-90 AVERAGE	0	0	0	3	68	176	271	209	64	13	0	0	803
	STD DEV	0	0	1	3	39	46	54	58	28	17	0	0	118
	71-00 AVERAGE	0	0	0	3	67	173	265	211	63	10	0	0	792
	STD DEV	0	0	1	3	37	48	60	69	32	11	0	0	146
	31-00 AVERAGE	0	0	0	2	60	172	273	233	74	14	0	0	828
	STD DEV	0	0	1	3	35	58	62	67	35	15	0	0	152
	31-60 AVERAGE	0	0	1	2	58	181	288	254	83	18	0	0	884
	STD DEV	0	0	2	3	33	69	64	65	40	15	0	0	149
	41-70 AVERAGE	0	0	1	2	57	173	263	238	74	19	0	0	827
	STD DEV	0	0	2	3	34	57	59	68	31	19	1	0	140
1102 IL-03 West 	51-80 AVERAGE	0	0	0	2	60	171	262	227	76	16	0	0	815
	STD DEV	0	0	0	3	35	57	58	57	33	17	1	0	130
	61-90 AVERAGE	0	0	0	2	59	165	262	216	70	13	0	0	787
	STD DEV	0	0	0	2	37	49	54	59	29	16	1	0	121
	71-00 AVERAGE	0	0	0	2	60	164	266	221	68	11	0	0	792
	STD DEV	0	0	0	2	36	51	62	69	32	11	0	0	156
	31-00 AVERAGE	0	0	3	7	92	232	350	290	113	24	0	0	1110
	STD DEV	0	0	5	7	46	68	77	78	47	21	1	0	200
	31-60 AVERAGE	0	0	3	7	92	247	373	321	128	30	0	0	1201
	STD DEV	0	0	7	7	45	83	89	80	53	21	1	0	219
1103 IL-04 Central 	41-70 AVERAGE	0	0	3	8	91	228	335	293	109	29	0	0	1095
	STD DEV	0	0	7	7	48	65	66	73	37	28	1	0	163
	51-80 AVERAGE	0	0	2	8	92	227	341	280	110	24	0	0	1085
	STD DEV	0	0	3	8	46	65	70	54	38	25	1	0	152
	61-90 AVERAGE	0	0	3	7	91	222	340	266	105	21	0	0	1055
	STD DEV	0	0	3	7	51	54	63	67	36	23	1	0	152
	71-00 AVERAGE	0	0	3	6	88	221	336	273	103	18	0	0	1048
	STD DEV	0	0	3	7	43	54	62	75	42	13	1	0	160
	31-00 AVERAGE	0	0	2	5	87	226	326	272	106	22	0	0	1047
	STD DEV	0	0	4	6	45	65	70	74	45	19	1	0	179
1104 IL-05 East 	31-60 AVERAGE	0	0	2	5	86	240	350	301	120	27	0	0	1132
	STD DEV	0	0	6	6	41	80	77	73	51	20	1	0	186
	41-70 AVERAGE	0	0	2	6	87	227	317	274	105	26	0	0	1044
	STD DEV	0	0	5	6	46	66	61	73	38	24	1	0	155
	51-80 AVERAGE	0	0	1	6	88	224	317	261	108	22	0	0	1028
	STD DEV	0	0	2	7	46	66	66	56	40	22	1	0	147
	61-90 AVERAGE	0	0	1	6	88	217	311	248	100	19	0	0	990
	STD DEV	0	0	2	5	50	52	60	64	36	20	1	0	136
	71-00 AVERAGE	0	0	1	5	87	215	311	256	98	17	0	0	990
	STD DEV	0	0	2	6	45	54	61	75	41	14	0	0	160
1105	31-00 AVERAGE	0	0	1	4	82	213	305	249	99	18	0	0	972
	STD DEV	0	0	3	5	43	63	68	69	44	16	0	0	170
	31-60 AVERAGE	0	0	2	4	78	219	324	272	107	22	0	0	1028
	STD DEV	0	0	4	5	36	77	75	65	49	16	0	0	181
	41-70 AVERAGE	0	0	1	5	80	211	294	245	96	22	0	0	953
	STD DEV	0	0	4	5	42	62	57	64	39	19	1	0	134
	51-80 AVERAGE	0	0	1	5	84	210	294	238	102	19	0	0	953
	STD DEV	0	0	2	5	45	64	60	52	42	18	1	0	128
	61-90 AVERAGE	0	0	1	4	86	210	294	230	97	16	0	0	937
	STD DEV	0	0	2	5	50	53	60	60	38	17	1	0	132
	71-00 AVERAGE	0	0	1	4	85	206	293	236	92	13	0	0	931
	STD DEV	0	0	2	5	47	57	63	73	40	13	0	0	167



Section 4:

Cooling Degree Days









Divisional Normals, 1971-2000 (and previous periods)

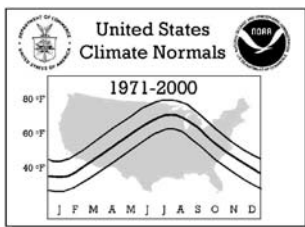
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Illinois – Indiana

Page 21

Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
IL-06 West Southwest 	31-00 AVERAGE	0	0	4	9	98	250	365	309	136	27	0	0	1199
	STD DEV	0	0	7	9	48	67	72	78	53	21	1	0	198
	31-60 AVERAGE	0	0	4	9	98	267	388	342	154	33	0	0	1295
	STD DEV	1	0	10	9	40	80	83	78	60	21	1	0	208
	41-70 AVERAGE	0	0	4	11	99	252	355	309	134	31	0	0	1196
	STD DEV	0	0	9	10	49	70	68	74	45	26	1	0	182
	51-80 AVERAGE	0	0	3	10	98	246	355	295	135	26	0	0	1169
	STD DEV	0	0	4	10	49	70	71	57	47	24	1	0	177
	61-90 AVERAGE	0	0	4	9	97	238	350	280	126	22	0	0	1129
	STD DEV	0	0	4	9	55	53	62	68	42	23	1	0	159
IL-07 East Southeast 	71-00 AVERAGE	0	0	4	8	97	239	353	293	124	20	0	0	1138
	STD DEV	0	0	4	9	49	56	57	75	45	14	1	0	165
	31-00 AVERAGE	0	0	4	7	99	255	359	304	139	27	0	0	1193
	STD DEV	0	0	6	7	47	66	68	72	53	19	1	0	186
	31-60 AVERAGE	0	0	4	7	96	269	375	329	150	31	0	0	1261
	STD DEV	1	0	9	7	39	81	80	72	61	19	1	0	209
	41-70 AVERAGE	0	0	4	8	98	256	347	301	135	29	0	0	1178
	STD DEV	0	0	8	7	47	70	67	69	49	22	1	0	169
	51-80 AVERAGE	0	0	3	8	97	249	348	293	141	26	0	0	1163
	STD DEV	0	0	5	7	48	68	64	53	52	22	1	0	159
IL-08 Southwest 	61-90 AVERAGE	0	0	4	7	99	244	345	281	134	23	0	0	1139
	STD DEV	0	0	5	7	55	54	58	64	46	21	1	0	145
	71-00 AVERAGE	0	0	4	6	99	245	351	292	129	22	0	0	1150
	STD DEV	0	0	5	7	50	56	55	72	46	17	1	0	162
	31-00 AVERAGE	0	0	8	16	118	290	409	359	172	40	1	0	1414
	STD DEV	1	1	9	14	51	66	66	75	61	26	2	1	202
	31-60 AVERAGE	1	0	8	17	120	310	425	390	192	48	1	0	1511
	STD DEV	2	1	12	14	42	79	74	76	67	25	3	1	207
	41-70 AVERAGE	0	0	7	20	122	295	397	359	171	44	1	0	1416
	STD DEV	1	1	11	15	52	70	64	72	53	30	1	0	181
IL-09 Southeast 	51-80 AVERAGE	0	0	7	19	119	285	401	349	175	38	1	0	1395
	STD DEV	0	1	7	15	53	71	65	59	57	29	1	1	190
	61-90 AVERAGE	0	0	8	17	115	277	397	334	163	34	1	0	1346
	STD DEV	1	1	7	14	59	54	59	65	52	28	2	1	166
	71-00 AVERAGE	0	0	8	15	113	276	403	343	157	31	1	0	1347
	STD DEV	1	1	7	13	53	56	57	71	52	21	2	1	176
	31-00 AVERAGE	0	0	8	16	119	286	405	357	173	38	1	0	1404
	STD DEV	1	1	9	13	51	65	68	74	61	25	2	1	209
	31-60 AVERAGE	1	0	7	16	122	306	425	387	190	46	1	0	1502
	STD DEV	2	1	11	13	42	79	77	74	67	26	2	1	220
IN-01 Northwest 	41-70 AVERAGE	0	0	7	19	124	291	393	354	169	42	0	0	1399
	STD DEV	1	1	11	14	53	69	64	69	54	27	1	0	183
	51-80 AVERAGE	0	0	7	18	119	280	394	344	174	36	1	0	1373
	STD DEV	0	1	8	14	53	69	63	58	58	25	1	1	183
	61-90 AVERAGE	0	0	8	17	117	271	389	333	166	32	1	0	1335
	STD DEV	1	1	8	13	59	49	56	65	54	26	1	1	160
	71-00 AVERAGE	0	0	8	14	113	270	395	340	160	31	1	0	1334
	STD DEV	1	1	7	12	53	53	55	70	53	22	2	1	177
	31-00 AVERAGE	0	0	1	2	65	173	270	220	77	13	0	0	821
	STD DEV	0	0	2	3	38	58	65	66	37	12	0	0	156
IN-02 North Central 	31-60 AVERAGE	0	0	1	2	61	181	293	244	87	15	0	0	885
	STD DEV	0	0	3	3	32	70	68	64	42	13	0	0	155
	41-70 AVERAGE	0	0	1	3	61	170	260	218	76	15	0	0	804
	STD DEV	0	0	3	3	36	57	59	66	34	15	0	0	133
	51-80 AVERAGE	0	0	0	3	64	166	255	208	77	13	0	0	785
	STD DEV	0	0	1	3	39	57	57	53	35	14	0	0	122
	61-90 AVERAGE	0	0	0	2	67	167	254	201	73	11	0	0	776
	STD DEV	0	0	1	3	43	49	54	57	31	13	0	0	121
	71-00 AVERAGE	0	0	1	3	68	167	258	209	70	9	0	0	784
	STD DEV	0	0	1	3	42	51	60	67	32	10	0	0	155
IN-02 North Central 	31-00 AVERAGE	0	0	1	2	65	173	267	214	76	11	0	0	809
	STD DEV	0	0	3	3	38	57	65	66	36	11	0	0	159
	31-60 AVERAGE	0	0	1	2	63	186	289	239	84	14	0	0	878
	STD DEV	0	0	4	3	32	67	69	63	40	11	0	0	163
	41-70 AVERAGE	0	0	1	2	61	169	253	209	73	13	0	0	781
	STD DEV	0	0	4	3	35	55	56	68	35	12	0	0	144
	51-80 AVERAGE	0	0	0	2	62	161	247	197	72	11	0	0	752
	STD DEV	0	0	2	3	38	52	56	55	34	11	0	0	122
	61-90 AVERAGE	0	0	0	2	65	163	251	193	72	9	0	0	756
	STD DEV	0	0	2	3	42	46	56	56	31	11	0	0	122
IN-02 North Central 	71-00 AVERAGE	0	0	0	2	67	167	258	206	71	9	0	0	781
	STD DEV	0	0	2	3	41	50	60	66	30	10	0	0	146



Section 4:

Cooling Degree Days

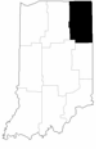


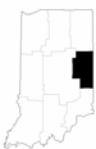




Divisional Normals, 1971-2000 (and previous periods)

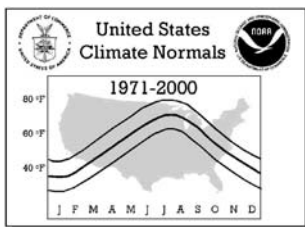
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Indiana

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
IN-03 Northeast 	31-00 AVERAGE	0	0	0	2	57	163	255	205	72	13	0	0	768
	STD DEV	0	0	2	3	34	56	62	62	35	12	0	0	152
	31-60 AVERAGE	0	0	1	2	56	175	276	229	82	15	0	0	836
	STD DEV	0	0	3	3	28	67	68	61	39	12	0	0	158
	41-70 AVERAGE	0	0	1	2	55	162	245	204	72	16	0	0	758
	STD DEV	0	0	3	3	33	54	55	64	35	14	0	0	138
	51-80 AVERAGE	0	0	0	2	56	155	239	194	72	13	0	0	731
	STD DEV	0	0	1	3	34	53	52	52	33	14	0	0	126
	61-90 AVERAGE	0	0	0	2	56	151	238	184	67	11	0	0	710
	STD DEV	0	0	1	3	37	45	49	51	30	13	0	0	107
IN-04 West Central 	71-00 AVERAGE	0	0	0	2	59	157	245	193	63	10	0	0	729
	STD DEV	0	0	1	3	37	51	56	62	28	11	0	0	137
	31-00 AVERAGE	0	0	3	6	82	216	315	260	110	22	0	0	1013
	STD DEV	0	0	6	6	43	63	68	70	46	17	1	0	179
	31-60 AVERAGE	0	0	3	6	82	234	341	292	125	28	0	0	1112
	STD DEV	0	0	8	7	36	75	75	63	51	18	1	0	174
	41-70 AVERAGE	0	0	3	7	81	216	308	259	109	26	0	0	1009
	STD DEV	0	0	7	7	43	63	62	64	42	20	0	0	148
	51-80 AVERAGE	0	0	2	6	80	205	301	246	110	21	0	0	971
	STD DEV	0	0	4	6	45	63	60	54	43	18	0	0	141
IN-05 Central 	61-90 AVERAGE	0	0	2	5	80	202	299	235	104	18	0	0	947
	STD DEV	0	0	4	5	49	49	57	60	39	17	1	1	130
	71-00 AVERAGE	0	0	2	5	81	204	299	242	99	17	0	0	950
	STD DEV	0	0	4	5	46	53	58	71	40	15	1	1	160
	31-00 AVERAGE	0	0	2	4	77	205	298	246	104	18	0	0	953
	STD DEV	0	0	5	4	41	62	66	67	44	15	0	0	178
	31-60 AVERAGE	0	0	3	4	80	225	323	276	119	23	0	0	1052
	STD DEV	0	0	7	5	36	73	73	62	49	15	0	0	176
	41-70 AVERAGE	0	0	2	5	78	207	289	243	102	21	0	0	946
	STD DEV	0	0	6	5	42	62	60	62	41	17	0	0	153
IN-06 East Central 	51-80 AVERAGE	0	0	1	4	74	193	281	231	101	17	0	0	903
	STD DEV	0	0	3	5	43	60	57	54	41	15	0	0	144
	61-90 AVERAGE	0	0	1	3	74	188	278	221	96	15	0	0	876
	STD DEV	0	0	3	4	47	47	54	59	37	15	0	1	127
	71-00 AVERAGE	0	0	2	3	74	192	284	231	93	14	0	0	892
	STD DEV	0	0	3	4	43	52	57	69	36	13	0	1	154
	31-00 AVERAGE	0	0	2	2	65	177	264	213	83	13	0	0	819
	STD DEV	0	0	4	3	37	56	62	62	38	12	0	0	150
	31-60 AVERAGE	0	0	2	3	65	191	282	235	93	15	0	0	887
	STD DEV	0	0	6	4	30	67	70	59	41	12	0	0	153
IN-07 Southwest 	41-70 AVERAGE	0	0	2	3	66	179	256	210	82	15	0	0	813
	STD DEV	0	0	6	4	38	56	56	60	36	13	0	0	131
	51-80 AVERAGE	0	0	1	3	64	170	254	207	85	12	0	0	795
	STD DEV	0	0	3	3	39	53	55	52	37	12	0	0	123
	61-90 AVERAGE	0	0	1	2	64	167	254	198	82	11	0	0	779
	STD DEV	0	0	3	2	42	44	52	56	36	12	0	0	116
	71-00 AVERAGE	0	0	1	2	64	167	256	203	77	10	0	0	779
	STD DEV	0	0	3	2	39	49	55	64	34	11	0	0	139
	31-00 AVERAGE	0	0	7	11	109	268	377	327	158	32	1	0	1290
	STD DEV	1	1	9	10	49	65	65	70	57	21	1	1	191
IN-08 South Central 	31-60 AVERAGE	1	0	6	11	109	287	394	352	172	37	0	0	1370
	STD DEV	2	1	11	10	40	78	73	68	63	21	2	1	199
	41-70 AVERAGE	0	0	6	13	110	268	362	319	152	34	0	0	1265
	STD DEV	1	0	11	10	49	69	66	67	51	24	1	0	176
	51-80 AVERAGE	0	0	6	13	108	259	365	316	160	29	0	0	1257
	STD DEV	0	1	7	11	51	67	63	56	56	23	1	1	176
	61-90 AVERAGE	0	0	8	11	107	254	363	307	153	28	1	0	1233
	STD DEV	1	1	7	10	57	50	58	64	53	24	1	1	158
	71-00 AVERAGE	0	0	8	10	107	256	373	318	149	27	1	0	1250
	STD DEV	1	1	7	10	53	54	55	70	50	20	2	1	171
IN-08 South Central 	31-00 AVERAGE	0	0	5	8	89	230	338	292	135	25	0	0	1122
	STD DEV	1	0	8	7	44	61	63	67	53	18	1	1	183
	31-60 AVERAGE	1	0	5	9	92	252	358	320	151	30	0	0	1218
	STD DEV	2	0	10	9	37	70	70	66	59	18	1	0	179
	41-70 AVERAGE	0	0	5	11	93	235	329	290	135	28	0	0	1125
	STD DEV	1	0	10	9	45	64	62	64	51	20	1	0	165
	51-80 AVERAGE	0	0	4	9	86	218	322	280	136	23	0	0	1078
	STD DEV	0	0	6	9	45	62	56	54	52	18	1	1	156
	61-90 AVERAGE	0	0	5	7	84	212	319	269	127	21	0	0	1046
	STD DEV	1	0	6	7	49	47	52	60	48	19	1	1	141
IN-08 South Central 	71-00 AVERAGE	0	0	5	6	84	215	328	280	122	20	0	0	1060
	STD DEV	1	0	6	6	46	52	55	66	44	17	1	1	161



Section 4:

Cooling Degree Days

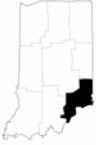
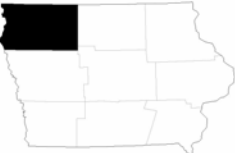
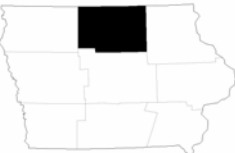
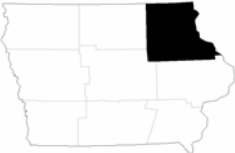
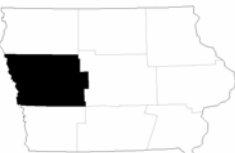
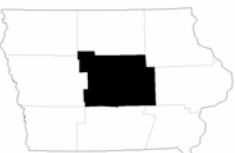
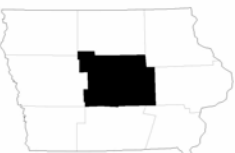
Divisional Normals, 1971-2000 (and previous periods)

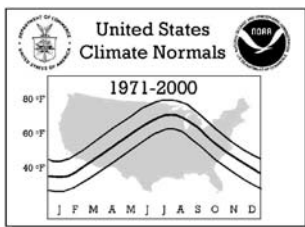
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Indiana – Iowa

Page 23

Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
IN-09 Southeast 	31-00 AVERAGE	0	0	3	6	88	228	340	294	139	23	0	0	1121
	STD DEV	1	0	6	6	43	59	65	68	53	17	1	1	180
	31-60 AVERAGE	0	0	3	6	88	244	354	316	153	28	0	0	1193
	STD DEV	1	0	7	6	37	69	71	64	56	17	1	0	180
	41-70 AVERAGE	0	0	3	8	89	229	327	288	136	26	0	0	1106
	STD DEV	1	0	7	6	43	59	64	65	49	18	0	0	163
	51-80 AVERAGE	0	0	3	7	86	219	326	286	141	22	0	0	1091
	STD DEV	0	0	5	6	43	58	59	60	53	17	0	1	165
	61-90 AVERAGE	0	0	4	6	86	214	328	277	134	21	0	0	1070
	STD DEV	0	0	5	6	47	46	59	67	51	19	1	1	157
IA-01 Northwest 	71-00 AVERAGE	0	0	4	5	86	217	337	286	128	20	0	0	1084
	STD DEV	0	0	5	5	45	51	59	71	46	18	1	1	166
	31-00 AVERAGE	0	0	0	3	61	162	265	206	59	7	0	0	764
	STD DEV	0	0	1	4	39	59	72	67	33	9	0	0	159
	31-60 AVERAGE	0	0	0	3	61	163	284	229	69	10	0	0	820
	STD DEV	0	0	2	4	44	72	82	75	38	12	0	0	180
	41-70 AVERAGE	0	0	1	3	55	150	253	211	51	9	0	0	733
	STD DEV	0	0	2	4	30	58	62	65	25	11	0	0	136
	51-80 AVERAGE	0	0	0	3	59	163	261	201	53	7	0	0	747
	STD DEV	0	0	1	5	30	54	65	53	25	9	0	0	119
IA-02 North Central 	61-90 AVERAGE	0	0	0	3	63	166	265	191	52	5	0	0	746
	STD DEV	0	0	1	4	36	49	55	55	25	8	0	0	117
	71-00 AVERAGE	0	0	0	3	63	164	249	189	55	4	0	0	728
	STD DEV	0	0	1	4	36	49	64	61	28	3	0	0	136
	31-00 AVERAGE	0	0	0	2	59	159	251	194	49	8	0	0	722
	STD DEV	0	0	1	3	37	58	70	64	29	10	0	0	152
	31-60 AVERAGE	0	0	0	2	56	159	267	214	56	11	0	0	765
	STD DEV	0	0	2	3	39	69	80	72	33	12	0	0	169
	41-70 AVERAGE	0	0	1	3	51	146	234	197	41	11	0	0	682
	STD DEV	0	0	2	3	30	52	62	65	23	14	0	0	135
IA-03 Northeast 	51-80 AVERAGE	0	0	0	3	58	158	242	188	44	9	0	0	700
	STD DEV	0	0	1	4	32	50	67	49	22	11	0	0	115
	61-90 AVERAGE	0	0	0	3	62	162	250	183	45	7	0	0	712
	STD DEV	0	0	1	4	37	48	57	52	23	10	0	0	123
	71-00 AVERAGE	0	0	0	3	62	163	242	182	48	5	0	0	705
	STD DEV	0	0	1	4	36	50	63	59	26	5	0	0	138
	31-00 AVERAGE	0	0	0	2	51	149	243	193	47	8	0	0	694
	STD DEV	0	0	1	3	33	56	67	64	28	11	0	0	151
	31-60 AVERAGE	0	0	0	3	50	154	258	209	54	11	0	0	738
	STD DEV	0	0	1	4	35	70	75	69	33	12	0	0	168
IA-04 West Central 	41-70 AVERAGE	0	0	0	3	45	137	223	191	40	11	0	0	649
	STD DEV	0	0	1	4	27	48	59	63	22	14	0	0	130
	51-80 AVERAGE	0	0	0	2	49	141	227	179	40	9	0	0	647
	STD DEV	0	0	0	3	28	47	61	46	21	11	0	0	107
	61-90 AVERAGE	0	0	0	2	52	144	238	180	42	7	0	0	666
	STD DEV	0	0	0	3	31	43	56	55	22	10	0	0	123
	71-00 AVERAGE	0	0	0	2	53	149	237	187	46	6	0	0	680
	STD DEV	0	0	0	3	31	45	60	64	24	6	0	0	136
	31-00 AVERAGE	0	0	1	4	72	191	307	249	79	12	0	0	915
	STD DEV	0	0	3	5	41	65	77	74	40	14	0	0	179
IA-05 Central 	31-60 AVERAGE	0	0	1	4	70	194	325	270	90	16	0	0	971
	STD DEV	0	0	3	5	46	80	94	83	46	17	0	0	214
	41-70 AVERAGE	0	0	1	5	66	174	289	249	68	14	0	0	866
	STD DEV	0	0	3	5	36	61	66	70	32	16	0	0	151
	51-80 AVERAGE	0	0	1	5	70	188	300	242	70	12	0	0	888
	STD DEV	0	0	2	6	34	59	72	55	31	13	0	0	133
	61-90 AVERAGE	0	0	2	5	74	193	305	234	71	10	0	0	893
	STD DEV	0	0	2	5	39	54	56	61	31	11	0	0	128
	71-00 AVERAGE	0	0	1	4	71	193	294	237	76	8	0	0	887
	STD DEV	0	0	2	5	37	52	64	69	34	6	0	0	142
IA-05 Central 	31-00 AVERAGE	0	0	1	4	69	185	290	231	72	16	0	0	867
	STD DEV	0	0	3	4	40	64	72	72	37	17	0	0	174
	31-60 AVERAGE	0	0	1	4	70	194	313	257	84	21	0	0	944
	STD DEV	0	0	4	5	43	79	81	76	42	19	0	0	187
	41-70 AVERAGE	0	0	1	4	67	175	278	237	65	20	0	0	847
	STD DEV	0	0	3	5	36	59	65	71	32	21	0	0	152
	51-80 AVERAGE	0	0	1	4	68	180	280	220	63	16	0	0	831
	STD DEV	0	0	2	5	35	59	70	52	29	17	0	0	135
	61-90 AVERAGE	0	0	1	4	69	179	280	211	63	12	0	0	818
	STD DEV	0	0	2	4	40	52	57	61	28	16	0	0	133
1305	71-00 AVERAGE	0	0	1	3	66	180	275	218	67	10	0	0	820
	STD DEV	0	0	2	4	36	52	64	71	32	8	0	0	148



Section 4:

Cooling Degree Days

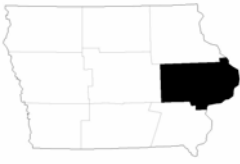
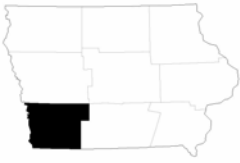
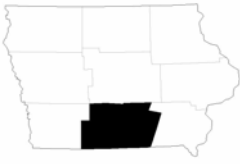
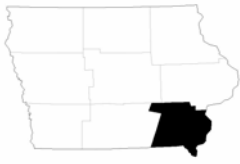
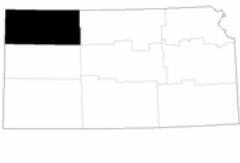
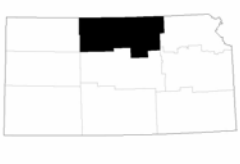
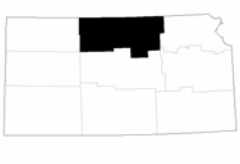
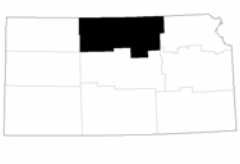
Divisional Normals, 1971-2000 (and previous periods)

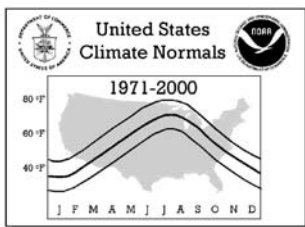
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Iowa – Kansas

Page 24

Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
IA-06 East Central 	31-00 AVERAGE	0	0	1	3	68	186	291	234	70	14	0	0	866
	STD DEV	0	0	2	4	38	60	68	69	34	15	0	0	153
	31-60 AVERAGE	0	0	1	3	64	188	302	248	76	16	0	0	898
	STD DEV	0	0	3	4	38	74	75	72	39	16	0	0	162
	41-70 AVERAGE	0	0	1	4	63	175	274	235	63	17	0	0	832
	STD DEV	0	0	3	4	36	56	63	68	28	19	0	0	137
	51-80 AVERAGE	0	0	1	4	68	184	285	230	67	15	0	0	853
	STD DEV	0	0	2	5	36	57	65	54	30	17	0	0	123
	61-90 AVERAGE	0	0	1	4	71	186	291	224	67	12	0	0	856
	STD DEV	0	0	2	4	39	50	59	62	29	16	0	0	135
IA-07 Southwest 	71-00 AVERAGE	0	0	1	4	70	187	289	229	69	10	0	0	859
	STD DEV	0	0	2	4	37	51	64	71	32	10	0	0	155
	31-00 AVERAGE	0	0	2	5	81	214	343	277	101	18	0	0	1042
	STD DEV	0	1	4	6	43	67	83	79	46	18	0	0	202
	31-60 AVERAGE	0	0	2	5	78	220	364	297	113	22	0	0	1103
	STD DEV	0	1	5	6	45	83	102	85	52	20	0	0	242
	41-70 AVERAGE	0	0	2	6	78	197	324	270	88	20	0	0	984
	STD DEV	0	1	4	6	42	67	71	69	37	21	0	0	169
	51-80 AVERAGE	0	0	1	6	82	212	336	267	92	17	0	0	1013
	STD DEV	0	1	3	6	39	65	80	54	35	18	0	0	153
IA-08 South Central 	61-90 AVERAGE	0	0	3	6	85	215	338	259	93	15	0	0	1012
	STD DEV	0	0	3	6	44	57	61	70	36	16	0	0	152
	71-00 AVERAGE	0	0	3	5	80	216	327	268	99	13	0	0	1011
	STD DEV	0	0	3	6	38	54	65	76	41	9	0	0	155
	31-00 AVERAGE	0	0	2	5	75	200	329	272	95	20	0	0	998
	STD DEV	0	0	4	5	41	66	80	79	44	20	0	0	201
	31-60 AVERAGE	0	0	2	4	76	211	347	293	108	26	0	0	1067
	STD DEV	0	1	5	5	43	81	97	85	50	22	0	0	231
	41-70 AVERAGE	0	0	2	5	75	190	308	268	87	24	0	0	958
	STD DEV	0	1	5	5	41	61	67	71	37	25	1	0	162
IA-09 Southeast 	51-80 AVERAGE	0	0	1	5	77	198	322	262	89	20	0	0	976
	STD DEV	0	1	3	5	38	62	73	50	36	22	1	0	149
	61-90 AVERAGE	0	0	3	6	78	198	326	258	89	17	0	0	973
	STD DEV	0	0	3	5	42	54	60	72	35	20	1	0	157
	71-00 AVERAGE	0	0	3	5	71	195	318	264	91	13	0	0	960
	STD DEV	0	0	3	6	36	53	65	78	39	10	0	0	169
	31-00 AVERAGE	0	0	2	6	86	221	345	286	100	20	0	0	1066
	STD DEV	0	0	4	6	44	66	75	79	43	19	0	0	190
	31-60 AVERAGE	0	0	2	6	83	228	357	303	109	24	0	0	1113
	STD DEV	0	0	6	7	43	80	88	85	48	21	0	0	211
KS-01 Northwest 	41-70 AVERAGE	0	0	2	7	83	212	324	283	91	23	0	0	1027
	STD DEV	0	0	5	7	45	66	65	75	35	25	1	0	162
	51-80 AVERAGE	0	0	1	7	86	218	335	274	93	20	0	0	1035
	STD DEV	0	0	3	7	43	66	68	53	35	22	1	0	149
	61-90 AVERAGE	0	0	2	8	89	219	342	271	94	17	0	0	1042
	STD DEV	0	0	3	7	48	57	64	71	35	21	1	0	168
	71-00 AVERAGE	0	0	2	7	86	219	341	282	97	15	0	0	1050
	STD DEV	0	0	3	7	41	56	67	78	40	11	0	0	175
	31-00 AVERAGE	0	0	1	5	61	226	388	329	123	14	0	0	1148
	STD DEV	0	1	2	6	33	74	84	80	51	14	0	0	221
KS-02 North Central 	31-60 AVERAGE	0	0	1	6	66	243	417	366	146	20	0	0	1264
	STD DEV	0	1	2	7	39	86	99	81	52	18	0	0	236
	41-70 AVERAGE	0	0	0	6	62	216	374	330	120	16	0	0	1126
	STD DEV	0	1	2	7	31	78	73	68	47	16	0	0	187
	51-80 AVERAGE	0	0	0	5	61	228	382	318	115	13	0	0	1124
	STD DEV	0	1	1	5	30	75	75	57	47	12	0	0	181
	61-90 AVERAGE	0	0	1	5	58	219	380	305	107	10	0	0	1085
	STD DEV	0	0	1	5	29	64	60	63	41	11	0	0	151
	71-00 AVERAGE	0	0	1	4	53	217	362	304	109	9	0	0	1057
	STD DEV	0	0	2	4	24	63	63	72	42	5	0	0	158
KS-02 North Central 	31-00 AVERAGE	0	1	4	10	91	277	445	389	160	28	0	0	1404
	STD DEV	0	2	5	10	44	81	92	91	62	24	0	0	244
	31-60 AVERAGE	0	1	4	10	91	292	464	423	183	36	0	0	1503
	STD DEV	0	2	6	12	45	98	111	94	70	31	0	0	271
	41-70 AVERAGE	0	1	3	11	93	267	423	393	152	30	0	0	1373
	STD DEV	0	2	6	12	46	85	85	81	57	29	0	0	221
	51-80 AVERAGE	0	1	3	10	94	280	441	383	149	26	0	0	1387
	STD DEV	0	2	4	9	45	80	91	68	54	21	0	0	214
	61-90 AVERAGE	0	0	4	11	91	270	441	362	139	21	0	0	1340
	STD DEV	0	1	5	9	46	65	74	76	45	18	0	0	174
KS-02 North Central 	71-00 AVERAGE	0	1	5	9	84	269	428	365	149	20	0	0	1329
	STD DEV	0	2	5	9	37	68	72	87	51	10	0	0	189



Section 4:

Cooling Degree Days

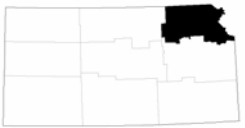
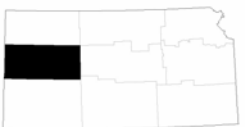
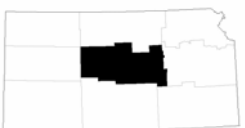
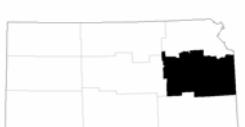
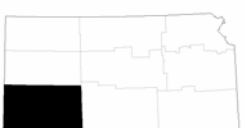
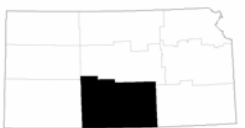
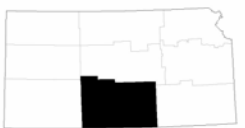
Divisional Normals, 1971-2000 (and previous periods)

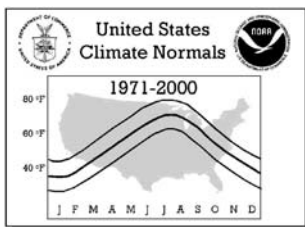
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Kansas

Page 25

Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
KA-03 Northeast 	31-00 AVERAGE	0	1	5	11	98	266	421	366	155	32	0	0	1355
	STD DEV	0	2	7	11	46	75	88	87	59	26	1	0	229
	31-60 AVERAGE	0	0	5	11	95	281	439	393	173	39	0	0	1437
	STD DEV	0	2	8	12	43	92	107	92	65	30	0	0	257
	41-70 AVERAGE	0	0	4	12	98	253	397	361	146	35	0	0	1305
	STD DEV	0	2	7	12	49	75	79	76	55	32	1	0	205
	51-80 AVERAGE	0	1	4	11	98	260	410	353	146	30	0	0	1314
	STD DEV	0	2	5	10	46	74	88	61	52	27	1	0	201
	61-90 AVERAGE	0	0	6	12	100	257	413	341	141	26	0	0	1298
	STD DEV	0	1	6	11	50	61	72	75	49	25	1	0	182
KS-04 West Central 	71-00 AVERAGE	0	1	7	10	95	261	410	352	148	25	0	0	1310
	STD DEV	0	2	6	11	41	62	69	82	53	12	1	0	181
	31-00 AVERAGE	0	0	2	5	63	241	398	344	131	16	0	0	1200
	STD DEV	0	1	3	7	31	76	74	74	51	15	0	0	192
	31-60 AVERAGE	0	0	1	5	60	249	407	367	147	20	0	0	1256
	STD DEV	0	1	3	7	32	88	85	75	54	18	0	0	205
	41-70 AVERAGE	0	0	1	7	64	235	385	344	128	18	0	0	1182
	STD DEV	0	1	2	8	33	85	75	65	50	18	0	0	202
	51-80 AVERAGE	0	0	1	6	66	253	401	339	125	16	0	0	1207
	STD DEV	0	1	2	6	33	80	76	56	51	14	0	0	193
KS-05 Central 	61-90 AVERAGE	0	0	2	7	65	242	402	330	119	13	0	0	1179
	STD DEV	0	0	3	7	32	66	64	65	45	13	0	0	165
	71-00 AVERAGE	0	0	2	5	60	241	385	329	123	12	0	0	1156
	STD DEV	0	0	3	6	27	69	61	73	46	6	0	0	163
	31-00 AVERAGE	0	1	6	12	100	304	472	424	187	37	0	0	1543
	STD DEV	0	2	6	12	45	82	89	92	67	28	1	0	245
	31-60 AVERAGE	0	1	5	13	98	320	487	456	210	44	0	0	1634
	STD DEV	0	2	7	13	43	99	104	95	76	34	0	0	274
	41-70 AVERAGE	0	1	4	14	102	296	451	423	179	39	0	0	1510
	STD DEV	0	2	6	14	50	86	90	85	63	33	0	0	241
KS-06 East Central 	51-80 AVERAGE	0	1	5	13	103	306	469	417	177	36	0	0	1526
	STD DEV	0	3	5	11	50	81	98	74	63	26	0	0	243
	61-90 AVERAGE	0	1	6	14	101	295	468	398	169	31	0	0	1483
	STD DEV	0	2	6	12	49	65	80	79	52	23	1	0	192
	71-00 AVERAGE	0	1	7	11	95	296	459	404	177	29	0	0	1480
	STD DEV	0	3	6	12	39	70	72	86	57	13	1	0	191
	31-00 AVERAGE	0	1	6	15	106	278	437	394	179	37	1	0	1453
	STD DEV	1	2	7	13	49	75	90	92	66	29	2	0	251
	31-60 AVERAGE	0	1	5	15	105	298	452	421	198	45	1	0	1541
	STD DEV	1	2	9	15	44	91	108	95	74	32	1	0	278
KS-07 Southwest 	41-70 AVERAGE	0	0	5	18	112	274	417	390	173	41	1	0	1430
	STD DEV	0	2	8	15	55	81	87	79	59	36	1	0	242
	51-80 AVERAGE	0	1	5	16	112	280	436	387	176	37	1	0	1450
	STD DEV	0	2	5	13	52	82	97	70	61	30	1	0	247
	61-90 AVERAGE	0	0	6	16	108	267	431	369	166	31	1	0	1396
	STD DEV	1	2	5	13	54	60	78	80	52	28	2	0	201
	71-00 AVERAGE	0	1	7	14	100	268	425	379	169	29	1	0	1392
	STD DEV	1	2	5	12	44	62	75	90	59	14	2	0	204
	31-00 AVERAGE	0	0	3	12	87	288	443	389	163	22	0	0	1406
	STD DEV	0	1	4	11	39	79	72	75	56	18	0	0	207
KS-08 South Central 	31-60 AVERAGE	0	0	3	11	86	304	456	415	185	27	0	0	1486
	STD DEV	0	1	4	12	38	93	82	78	57	20	0	0	223
	41-70 AVERAGE	0	0	2	13	89	285	432	389	161	24	0	0	1396
	STD DEV	0	1	4	13	41	87	74	65	50	22	0	0	208
	51-80 AVERAGE	0	0	3	12	90	299	445	382	156	22	0	0	1409
	STD DEV	0	1	4	10	44	82	75	58	54	18	0	0	204
	61-90 AVERAGE	0	0	3	13	87	283	440	371	147	18	0	0	1362
	STD DEV	0	0	4	11	41	64	68	64	48	16	0	0	170
	71-00 AVERAGE	0	0	3	10	81	279	427	371	150	16	0	0	1338
	STD DEV	0	1	4	10	35	73	59	71	53	9	0	0	164
KS-08 South Central 	31-00 AVERAGE	0	1	7	19	110	324	491	449	208	41	0	0	1652
	STD DEV	0	3	7	16	47	80	82	88	69	29	1	0	237
	31-60 AVERAGE	0	1	6	19	108	339	500	475	229	49	0	0	1725
	STD DEV	0	2	8	17	44	93	96	95	75	35	1	0	265
	41-70 AVERAGE	0	1	5	22	114	321	474	443	200	43	0	0	1623
	STD DEV	0	2	7	18	53	81	87	83	62	34	1	0	239
	51-80 AVERAGE	0	1	6	20	115	330	491	440	200	40	0	0	1643
	STD DEV	0	3	6	15	53	78	92	71	65	27	1	0	236
	61-90 AVERAGE	0	1	7	21	111	319	492	428	192	35	0	0	1608
	STD DEV	0	2	7	17	51	65	77	74	55	25	1	0	189
1408	71-00 AVERAGE	0	2	8	17	104	317	481	435	201	33	0	0	1599
	STD DEV	0	3	7	16	42	76	68	82	65	15	1	0	196



Section 4:

Cooling Degree Days

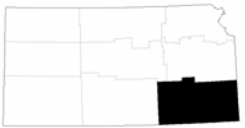






Divisional Normals, 1971-2000 (and previous periods)

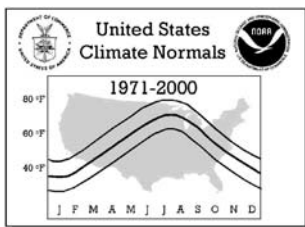
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Kansas – Kentucky – Louisiana

Page 26

Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
KS-09 Southeast 	31-00 AVERAGE	0	1	7	21	116	307	469	436	213	51	1	0	1622
	STD DEV	1	2	8	18	49	73	87	92	72	33	2	0	264
	31-60 AVERAGE	0	1	7	22	118	329	483	468	239	62	1	0	1730
	STD DEV	1	2	10	20	44	83	102	99	79	37	2	0	283
	41-70 AVERAGE	0	1	5	26	123	307	457	436	209	55	1	0	1621
	STD DEV	0	2	8	21	55	75	93	88	63	40	2	0	268
	51-80 AVERAGE	0	1	6	24	123	309	473	429	212	50	1	0	1626
	STD DEV	0	3	5	18	54	78	100	79	69	34	2	0	278
	61-90 AVERAGE	0	0	7	23	116	294	465	411	197	42	1	0	1557
	STD DEV	1	2	6	17	54	60	79	75	58	30	2	0	216
1409 KY-01 Western 	71-00 AVERAGE	0	1	8	19	109	293	458	417	198	40	1	0	1543
	STD DEV	1	2	6	15	45	66	73	81	65	17	3	0	210
	31-00 AVERAGE	1	1	11	20	121	294	409	364	183	39	1	1	1444
	STD DEV	2	1	10	15	50	61	63	67	60	24	2	2	182
	31-60 AVERAGE	1	1	10	19	118	304	410	377	191	43	1	1	1476
	STD DEV	3	2	13	14	41	74	68	65	64	25	2	2	181
	41-70 AVERAGE	1	0	10	24	124	294	393	357	174	40	1	0	1415
	STD DEV	2	1	12	16	52	70	66	66	55	26	1	1	176
	51-80 AVERAGE	0	1	10	23	123	287	401	357	184	36	1	0	1423
	STD DEV	1	1	9	16	52	70	61	61	61	24	1	2	186
1501 KY-02 Central 	61-90 AVERAGE	0	0	11	21	121	284	401	349	179	34	1	1	1403
	STD DEV	2	1	9	15	57	49	59	67	60	26	2	2	176
	71-00 AVERAGE	1	1	12	19	122	292	418	365	181	35	2	1	1447
	STD DEV	2	1	8	14	53	53	57	70	57	24	3	2	184
	31-00 AVERAGE	1	0	8	14	105	255	365	323	165	32	1	1	1269
	STD DEV	3	1	9	11	47	60	62	64	59	21	2	2	181
	31-60 AVERAGE	2	0	7	13	107	272	376	337	176	36	0	1	1329
	STD DEV	4	1	11	12	42	70	68	63	63	22	2	2	187
	41-70 AVERAGE	1	0	7	17	110	257	353	318	161	34	0	0	1259
	STD DEV	3	0	11	12	48	65	66	62	54	23	1	1	169
1502 KY-03 Blue Grass 	51-80 AVERAGE	1	0	7	16	105	244	355	320	169	29	0	0	1247
	STD DEV	2	1	8	12	47	63	59	55	59	20	1	2	174
	61-90 AVERAGE	1	0	9	14	101	240	352	310	159	28	1	1	1216
	STD DEV	2	1	8	11	50	48	57	61	57	23	2	2	157
	71-00 AVERAGE	1	0	9	12	100	244	365	320	158	29	1	1	1241
	STD DEV	3	1	8	10	48	52	55	66	53	22	2	2	170
	31-00 AVERAGE	1	0	5	8	91	223	333	292	144	26	0	0	1123
	STD DEV	3	1	8	7	44	59	62	64	54	18	1	1	184
	31-60 AVERAGE	2	0	5	9	97	248	352	312	160	31	0	0	1217
	STD DEV	4	1	10	8	39	66	65	61	57	18	1	1	177
1503 KY-04 Eastern 	41-70 AVERAGE	1	0	5	11	94	227	323	288	142	29	0	0	1120
	STD DEV	3	0	9	8	44	62	63	60	51	20	0	1	173
	51-80 AVERAGE	0	0	4	9	87	205	314	283	143	23	0	0	1070
	STD DEV	0	1	6	8	43	57	56	54	52	18	0	1	169
	61-90 AVERAGE	1	0	6	8	84	200	310	273	134	22	0	0	1038
	STD DEV	2	1	6	7	47	45	53	60	49	20	1	1	149
	71-00 AVERAGE	1	0	6	7	84	208	326	283	132	22	0	0	1070
	STD DEV	2	1	6	7	45	52	57	67	46	19	1	1	164
	31-00 AVERAGE	2	0	7	9	89	212	316	280	137	26	0	0	1081
	STD DEV	5	1	9	8	43	55	57	58	52	19	2	2	172
1504 KS-04 Eastern 	31-60 AVERAGE	4	1	7	11	101	242	340	304	158	33	0	1	1201
	STD DEV	7	2	12	10	38	58	56	54	52	20	1	2	137
	41-70 AVERAGE	2	0	6	13	98	220	313	278	136	29	0	0	1095
	STD DEV	5	1	11	9	45	59	59	52	48	21	0	1	157
	51-80 AVERAGE	1	0	6	10	87	195	302	275	139	23	0	0	1039
	STD DEV	3	1	7	8	44	55	53	49	52	18	0	2	161
	61-90 AVERAGE	1	0	7	8	78	187	293	264	126	22	0	1	986
	STD DEV	3	1	6	7	43	41	49	53	49	20	2	2	129
	71-00 AVERAGE	1	0	6	7	76	192	306	268	123	21	0	1	1004
	STD DEV	3	1	6	7	42	47	49	59	44	19	2	2	140
1601 LA-01 Northwest 	31-00 AVERAGE	7	9	33	80	228	423	536	524	337	115	14	4	2310
	STD DEV	8	9	24	37	56	56	57	68	69	47	12	7	244
	31-60 AVERAGE	10	10	35	82	235	443	545	541	359	137	12	6	2414
	STD DEV	9	9	29	34	56	52	48	65	64	53	11	7	205
	41-70 AVERAGE	7	8	28	90	230	421	529	521	329	116	13	4	2296
	STD DEV	9	8	23	41	51	54	55	60	54	53	11	5	203
	51-80 AVERAGE	6	7	29	81	220	407	526	505	326	103	12	3	2225
	STD DEV	7	9	22	39	52	56	62	61	70	42	12	5	230
	61-90 AVERAGE	4	6	31	81	215	401	519	503	317	96	16	4	2192
	STD DEV	5	8	20	39	48	50	60	57	72	38	13	8	216
1601	71-00 AVERAGE	6	8	33	71	223	414	533	515	325	100	14	4	2246
	STD DEV	6	8	17	35	61	57	59	72	72	31	12	8	245



Section 4:

Cooling Degree Days









Divisional Normals, 1971-2000 (and previous periods)

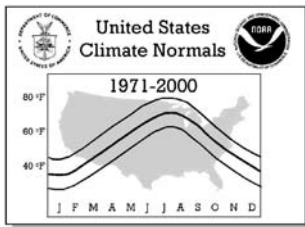
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Louisiana

Page 27

Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LA-02 North Central  1602	31-00 AVERAGE	10	10	38	83	232	425	527	510	330	113	13	6	2295
	STD DEV	10	10	27	38	56	54	50	59	68	48	12	7	217
	31-60 AVERAGE	15	13	41	85	240	445	532	525	351	135	13	8	2402
	STD DEV	12	11	33	35	56	55	45	58	66	53	12	8	190
	41-70 AVERAGE	10	10	34	95	238	426	521	508	323	116	13	5	2298
	STD DEV	11	10	27	41	51	56	51	57	55	54	11	5	190
	51-80 AVERAGE	8	9	33	85	227	413	521	496	322	102	11	4	2231
	STD DEV	8	10	25	39	54	58	54	56	70	44	12	5	205
	61-90 AVERAGE	6	7	35	85	221	406	515	492	313	95	14	4	2192
	STD DEV	6	9	23	40	50	47	54	48	71	40	13	8	189
LA-03 Northeast  1603	71-00 AVERAGE	7	9	36	72	224	413	526	503	319	97	13	5	2225
	STD DEV	7	8	20	35	61	50	50	61	68	32	12	7	201
	31-00 AVERAGE	13	12	40	89	249	437	531	510	335	112	15	9	2351
	STD DEV	12	11	27	41	58	54	47	57	67	46	13	10	199
	31-60 AVERAGE	19	15	42	88	251	447	534	520	345	125	12	11	2407
	STD DEV	15	13	33	37	62	60	44	59	61	50	10	11	168
	41-70 AVERAGE	14	12	37	104	259	445	534	514	332	116	14	8	2391
	STD DEV	15	14	28	41	56	61	53	59	57	55	11	7	203
	51-80 AVERAGE	11	12	38	96	250	435	533	505	336	104	14	7	2341
	STD DEV	12	14	26	41	58	64	55	57	75	47	13	8	227
LA-04 West Central  1604	61-90 AVERAGE	8	9	38	93	242	428	524	498	328	100	18	7	2290
	STD DEV	8	11	23	43	52	49	52	45	76	45	15	9	202
	71-00 AVERAGE	10	11	40	82	246	433	536	511	332	106	17	8	2330
	STD DEV	8	9	21	42	60	51	45	56	73	40	14	9	208
	31-00 AVERAGE	17	14	44	91	245	425	523	509	338	122	21	9	2360
	STD DEV	19	13	30	40	57	52	46	60	62	48	16	10	220
	31-60 AVERAGE	25	18	47	94	254	446	529	524	353	144	19	12	2463
	STD DEV	25	15	35	35	57	49	36	55	56	50	14	11	161
	41-70 AVERAGE	21	16	42	109	255	428	520	513	337	129	21	9	2399
	STD DEV	26	16	31	42	50	52	44	57	50	56	15	8	198
LA-05 Central  1605	51-80 AVERAGE	16	12	41	97	240	414	517	495	335	111	19	7	2303
	STD DEV	17	13	29	42	51	53	50	57	67	46	17	8	216
	61-90 AVERAGE	10	10	40	93	231	404	511	494	325	103	24	7	2253
	STD DEV	10	11	25	43	46	45	50	51	69	43	19	11	205
	71-00 AVERAGE	13	13	43	79	239	415	521	502	330	105	22	8	2288
	STD DEV	10	10	24	37	62	52	49	63	69	35	17	11	226
	31-00 AVERAGE	21	20	52	110	276	446	529	516	360	142	29	13	2516
	STD DEV	20	17	34	44	55	44	40	47	58	52	21	12	189
	31-60 AVERAGE	30	25	55	111	280	457	531	521	370	159	27	15	2580
	STD DEV	24	20	41	36	56	41	31	39	55	58	18	13	135
LA-06 East Central  1606	41-70 AVERAGE	22	20	47	124	278	443	521	512	352	142	27	12	2500
	STD DEV	24	19	35	45	50	46	39	43	50	60	18	9	171
	51-80 AVERAGE	18	16	49	114	269	437	522	501	353	128	26	10	2443
	STD DEV	17	17	32	45	55	47	43	43	61	48	21	10	182
	61-90 AVERAGE	14	14	49	113	265	432	518	503	348	126	34	11	2426
	STD DEV	12	14	29	47	47	44	44	40	63	48	24	13	188
	71-00 AVERAGE	17	17	53	100	277	445	535	519	360	134	33	11	2502
	STD DEV	13	11	26	44	58	44	43	53	61	42	24	13	203
	31-00 AVERAGE	29	20	49	109	270	434	509	497	359	146	33	14	2470
	STD DEV	26	17	30	43	54	40	36	39	52	53	24	13	162
LA-07 Southwest  1607	31-60 AVERAGE	37	24	47	101	265	439	506	496	358	157	28	14	2472
	STD DEV	33	20	35	35	60	40	31	35	52	61	17	12	132
	41-70 AVERAGE	30	22	45	125	276	438	507	496	355	149	30	12	2486
	STD DEV	30	21	31	46	50	41	39	38	50	63	19	9	143
	51-80 AVERAGE	27	19	49	122	273	434	510	491	364	137	31	13	2470
	STD DEV	22	20	29	46	51	43	41	39	54	50	23	14	156
	61-90 AVERAGE	22	16	51	120	269	429	506	491	357	135	40	14	2450
	STD DEV	20	16	28	47	42	41	39	35	57	52	28	16	170
	71-00 AVERAGE	26	18	53	103	273	433	514	502	362	140	39	15	2478
	STD DEV	20	11	27	41	53	42	36	42	54	47	28	16	179
LA-07 Southwest  1607	31-00 AVERAGE	26	22	57	126	297	459	530	523	385	170	46	14	2654
	STD DEV	22	18	34	45	51	40	33	41	53	55	28	14	171
	31-60 AVERAGE	34	26	56	124	300	473	535	530	393	187	40	16	2715
	STD DEV	28	20	40	39	56	40	30	33	51	61	24	15	130
	41-70 AVERAGE	27	23	50	141	300	460	528	522	381	172	42	13	2658
	STD DEV	27	21	36	47	49	43	34	38	44	64	24	9	150
	51-80 AVERAGE	23	19	55	134	291	451	527	510	383	159	42	13	2606
	STD DEV	21	19	33	46	51	43	38	40	54	56	30	11	160
	61-90 AVERAGE	19	16	55	131	286	443	519	510	374	154	53	14	2575
	STD DEV	16	15	30	48	41	39	35	36	56	52	32	15	164
LA-07 Southwest  1607	71-00 AVERAGE	23	20	61	117	299	454	529	521	382	161	51	14	2631
	STD DEV	16	13	28	43	52	38	34	45	57	47	32	15	188



Section 4:

Cooling Degree Days









Divisional Normals, 1971-2000 (and previous periods)

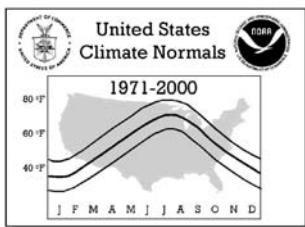
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Louisiana – Maine – Maryland

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LA-08 South Central 	31-00 AVERAGE	38	27	62	133	304	456	524	515	388	176	46	20	2690
	STD DEV	31	21	36	47	49	36	31	35	49	56	30	18	159
	31-60 AVERAGE	48	34	61	128	301	461	522	516	390	188	39	21	2708
	STD DEV	39	26	42	39	54	37	29	30	49	62	23	17	136
	41-70 AVERAGE	37	28	55	147	306	456	518	513	384	176	41	18	2679
	STD DEV	36	23	36	50	44	38	34	35	43	63	23	11	143
	51-80 AVERAGE	35	23	61	143	301	453	522	507	391	167	44	18	2666
	STD DEV	29	20	35	49	46	38	34	35	51	55	30	16	153
	61-90 AVERAGE	30	20	63	141	301	450	521	509	385	166	55	20	2661
	STD DEV	24	17	32	51	39	38	34	32	52	56	34	22	169
LA-09 Southeast 	71-00 AVERAGE	34	24	66	125	309	457	530	520	390	171	54	20	2700
	STD DEV	24	15	30	45	49	37	30	37	51	52	35	21	171
	31-00 AVERAGE	47	32	64	136	317	467	533	529	413	205	61	27	2831
	STD DEV	37	23	35	46	52	37	33	37	46	59	34	21	170
	31-60 AVERAGE	58	39	62	132	313	473	531	533	417	224	56	30	2867
	STD DEV	44	27	39	40	55	36	27	29	47	64	28	22	126
	41-70 AVERAGE	46	34	59	152	320	469	528	529	409	208	56	25	2835
	STD DEV	39	28	36	48	45	38	31	34	43	69	27	16	144
	51-80 AVERAGE	43	28	63	145	312	463	530	521	415	192	57	25	2793
	STD DEV	33	24	33	47	47	38	35	36	47	57	33	20	153
ME-17 Northern 	61-90 AVERAGE	36	24	64	142	311	458	527	518	405	186	68	26	2764
	STD DEV	30	20	31	48	40	38	36	32	48	57	38	23	167
	71-00 AVERAGE	42	28	69	130	323	466	538	532	413	192	68	26	2826
	STD DEV	30	16	31	45	54	39	38	42	46	51	39	23	199
	31-00 AVERAGE	0	0	0	0	2	14	81	55	5	0	0	0	158
	STD DEV	0	0	0	0	3	11	36	30	6	0	0	0	64
	31-60 AVERAGE	0	0	0	0	3	16	94	66	7	0	0	0	186
	STD DEV	0	0	0	0	3	11	41	36	5	0	0	0	73
	41-70 AVERAGE	0	0	0	0	2	14	84	53	6	0	0	0	159
	STD DEV	0	0	0	0	3	10	42	29	7	0	0	0	69
ME-02 Southern Interior 	51-80 AVERAGE	0	0	0	0	1	14	77	47	4	0	0	0	143
	STD DEV	0	0	0	0	2	9	41	23	6	0	0	0	63
	61-90 AVERAGE	0	0	0	0	1	12	72	46	4	0	0	0	135
	STD DEV	0	0	0	0	2	9	28	23	6	0	0	0	46
	71-00 AVERAGE	0	0	0	0	2	13	73	49	4	0	0	0	140
	STD DEV	0	0	0	0	3	11	27	21	6	0	0	0	46
	31-00 AVERAGE	0	0	0	0	3	30	119	93	12	0	0	0	257
	STD DEV	0	0	0	0	3	17	41	38	12	0	0	0	77
	31-60 AVERAGE	0	0	0	0	4	32	130	102	14	0	0	0	281
	STD DEV	0	0	0	0	3	17	45	46	8	1	0	0	88
ME-03 Coastal 	41-70 AVERAGE	0	0	0	0	3	30	119	88	13	0	0	0	254
	STD DEV	0	0	0	0	4	16	47	36	13	1	0	0	80
	51-80 AVERAGE	0	0	0	0	3	29	115	84	11	0	0	0	243
	STD DEV	0	0	0	0	3	16	46	32	14	0	0	0	75
	61-90 AVERAGE	0	0	0	0	3	27	112	85	10	0	0	0	238
	STD DEV	0	0	0	0	3	15	33	33	14	0	0	0	57
	71-00 AVERAGE	0	0	0	0	3	28	114	89	9	0	0	0	243
	STD DEV	0	0	0	0	3	19	36	29	10	0	0	0	66
	31-00 AVERAGE	0	0	0	0	1	23	93	75	7	0	0	0	198
	STD DEV	0	0	0	0	1	14	34	31	7	0	0	0	66
MD-01 Southeastern Shore 	31-60 AVERAGE	0	0	0	0	0	15	79	66	5	0	0	0	166
	STD DEV	0	0	0	0	1	10	32	31	3	0	0	0	61
	41-70 AVERAGE	0	0	0	0	1	22	88	66	6	0	0	0	182
	STD DEV	0	0	0	0	1	13	35	30	8	0	0	0	63
	51-80 AVERAGE	0	0	0	0	1	27	100	77	7	0	0	0	212
	STD DEV	0	0	0	0	1	14	34	29	8	0	0	0	59
	61-90 AVERAGE	0	0	0	0	1	28	102	82	7	0	0	0	220
	STD DEV	0	0	0	0	1	14	29	32	8	0	0	0	56
	71-00 AVERAGE	0	0	0	0	1	28	107	85	7	0	0	0	228
	STD DEV	0	0	0	0	1	16	31	27	8	0	0	0	60
MD-01 Southeastern Shore 	31-00 AVERAGE	1	0	1	3	59	219	361	320	152	30	1	0	1146
	STD DEV	2	0	2	4	29	50	49	48	47	21	2	0	128
	31-60 AVERAGE	2	0	1	3	66	232	368	326	157	33	1	0	1188
	STD DEV	3	0	3	4	32	51	45	44	49	22	1	0	118
	41-70 AVERAGE	1	0	1	3	63	220	360	316	148	32	1	0	1144
	STD DEV	3	0	3	4	33	50	48	43	50	22	1	0	137
	51-80 AVERAGE	0	0	0	3	53	201	346	322	148	27	0	0	1102
	STD DEV	1	0	1	4	26	45	45	48	46	20	1	1	118
	61-90 AVERAGE	0	0	0	2	53	207	347	320	146	27	1	0	1104
	STD DEV	1	0	1	3	23	48	43	50	48	22	2	1	121
MD-01 Southeastern Shore 	71-00 AVERAGE	0	0	0	3	55	212	363	321	154	29	1	0	1138
	STD DEV	1	0	1	3	27	53	52	54	38	22	2	1	125



Section 4:

Cooling Degree Days








Divisional Normals, 1971-2000 (and previous periods)

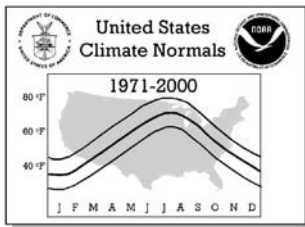
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Maryland

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MD-02 Central Eastern Shore 	31-00 AVERAGE	0	0	1	5	70	236	375	324	146	28	0	0	1185
	STD DEV	2	0	2	5	33	52	56	51	46	19	1	0	144
	31-60 AVERAGE	1	0	1	5	69	231	364	316	142	28	0	0	1158
	STD DEV	2	0	3	6	34	52	52	52	42	20	0	0	132
	41-70 AVERAGE	0	0	1	5	71	230	361	311	141	29	0	0	1149
	STD DEV	2	0	3	6	37	49	51	48	47	20	0	0	140
	51-80 AVERAGE	0	0	1	5	66	223	363	326	148	27	0	0	1159
	STD DEV	0	0	2	6	32	50	45	47	49	20	0	0	128
	61-90 AVERAGE	0	0	1	4	69	235	370	328	147	28	0	0	1182
	STD DEV	0	0	2	4	29	54	53	51	50	21	1	0	147
1802 MD-03 Lower Southern 	71-00 AVERAGE	0	0	1	5	72	243	393	337	154	29	0	0	1234
	STD DEV	0	0	2	5	32	58	61	53	41	21	1	0	149
	31-00 AVERAGE	0	0	1	5	68	218	351	306	136	25	0	0	1111
	STD DEV	2	0	3	5	33	49	50	53	45	19	1	0	130
	31-60 AVERAGE	1	0	1	5	73	228	359	312	142	30	0	0	1150
	STD DEV	3	0	4	6	34	51	49	52	43	21	0	0	120
	41-70 AVERAGE	0	0	1	6	74	222	352	303	137	29	0	0	1125
	STD DEV	2	0	4	6	38	47	50	47	47	21	0	0	128
	51-80 AVERAGE	0	0	1	5	68	209	347	313	142	25	0	0	1109
	STD DEV	0	0	2	6	34	48	47	47	48	18	0	0	123
1803 MD-04 Upper Southern 	61-90 AVERAGE	0	0	1	4	66	214	345	310	138	24	0	0	1103
	STD DEV	0	0	2	4	29	46	45	52	49	19	1	0	117
	71-00 AVERAGE	0	0	1	5	63	209	349	302	132	22	0	0	1084
	STD DEV	0	0	2	5	30	52	53	60	42	19	1	0	137
	31-00 AVERAGE	0	0	1	4	70	223	361	310	136	20	0	0	1125
	STD DEV	1	0	2	5	34	50	56	55	46	15	0	0	143
	31-60 AVERAGE	1	0	1	4	71	222	354	303	134	22	0	0	1112
	STD DEV	2	0	3	5	32	50	51	53	45	15	0	0	126
	41-70 AVERAGE	0	0	1	5	69	214	346	294	130	22	0	0	1080
	STD DEV	1	0	3	5	37	46	49	47	48	16	0	0	125
1804 MD-05 Northeastern Shore 	51-80 AVERAGE	0	0	1	4	64	206	346	310	138	19	0	0	1088
	STD DEV	0	0	1	4	32	48	45	49	49	15	0	0	123
	61-90 AVERAGE	0	0	1	4	66	217	353	310	136	19	0	0	1104
	STD DEV	0	0	1	4	30	48	48	53	48	17	1	0	124
	71-00 AVERAGE	0	0	1	5	69	227	374	322	140	19	0	0	1157
	STD DEV	0	0	1	6	35	57	63	60	42	16	1	0	161
	31-00 AVERAGE	0	0	0	2	58	215	358	306	134	26	0	0	1100
	STD DEV	1	0	1	3	29	48	54	52	44	19	0	0	132
	31-60 AVERAGE	1	0	0	2	59	220	362	306	141	31	0	0	1123
	STD DEV	2	0	2	3	28	46	50	51	43	20	0	0	118
1805 MD-06 Northern Central 	41-70 AVERAGE	0	0	0	3	59	217	356	300	140	31	0	0	1107
	STD DEV	1	0	2	3	31	44	49	48	47	20	0	0	120
	51-80 AVERAGE	0	0	0	2	53	202	344	306	136	25	0	0	1070
	STD DEV	0	0	1	3	27	48	51	45	47	18	0	0	131
	61-90 AVERAGE	0	0	0	1	55	207	344	304	131	24	0	0	1066
	STD DEV	0	0	1	2	24	49	49	50	48	19	0	0	129
	71-00 AVERAGE	0	0	0	2	56	210	358	307	127	23	0	0	1085
	STD DEV	0	0	1	3	30	55	61	56	36	19	0	0	151
	31-00 AVERAGE	0	0	0	3	56	182	314	261	102	14	0	0	932
	STD DEV	1	0	1	3	30	46	55	53	39	11	0	0	130
1806 MD-07 Appalachian Mountain 	31-60 AVERAGE	0	0	1	3	57	182	312	260	100	15	0	0	930
	STD DEV	1	0	2	4	27	48	51	54	38	12	0	0	119
	41-70 AVERAGE	0	0	1	3	56	179	305	252	100	15	0	0	911
	STD DEV	1	0	2	4	31	45	50	49	41	12	0	0	120
	51-80 AVERAGE	0	0	0	3	52	171	302	262	105	13	0	0	909
	STD DEV	0	0	0	3	28	45	50	47	42	11	0	0	119
	61-90 AVERAGE	0	0	0	2	53	176	305	259	102	13	0	0	910
	STD DEV	0	0	0	2	26	45	50	50	42	12	0	0	121
	71-00 AVERAGE	0	0	0	3	56	184	321	267	103	14	0	0	948
	STD DEV	0	0	0	4	32	51	63	55	35	12	0	0	150
1807 MD-07 Appalachian Mountain 	31-00 AVERAGE	0	0	0	2	51	149	259	213	77	9	0	0	760
	STD DEV	1	0	2	3	29	45	57	53	36	8	0	0	136
	31-60 AVERAGE	0	0	1	3	55	162	273	224	82	11	0	0	811
	STD DEV	1	0	3	3	28	49	57	50	36	8	0	0	126
	41-70 AVERAGE	0	0	1	3	56	157	262	215	78	11	0	0	783
	STD DEV	1	0	3	3	32	47	50	48	36	9	0	0	117
	51-80 AVERAGE	0	0	0	3	50	143	253	217	83	9	0	0	758
	STD DEV	0	0	1	3	29	46	50	45	36	9	0	0	119
	61-90 AVERAGE	0	0	0	2	47	138	246	209	77	9	0	0	727
	STD DEV	0	0	1	2	27	40	51	51	36	9	0	0	120
	71-00 AVERAGE	0	0	0	2	45	135	246	202	69	7	0	0	706
	STD DEV	0	0	1	2	28	42	60	58	30	9	0	0	138



Section 4:

Cooling Degree Days








Divisional Normals, 1971-2000 (and previous periods)









CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

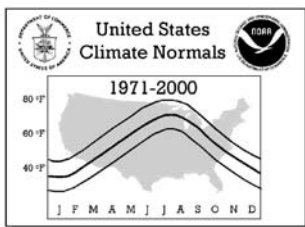
Maryland – Massachusetts – Michigan

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MD-08 Allegheny Plateau 	31-00 AVERAGE	0	0	0	1	17	57	122	99	26	1	0	0	323
	STD DEV	0	0	1	1	15	28	45	40	16	2	0	0	89
	31-60 AVERAGE	0	0	0	1	15	55	114	93	23	1	0	0	303
	STD DEV	1	0	2	1	14	29	42	38	14	2	0	0	76
	41-70 AVERAGE	0	0	0	1	17	53	108	88	22	1	0	0	291
	STD DEV	1	0	2	1	15	28	39	38	16	2	0	0	78
	51-80 AVERAGE	0	0	0	1	16	50	111	96	28	1	0	0	302
	STD DEV	0	0	1	1	14	26	38	36	19	2	0	0	76
	61-90 AVERAGE	0	0	0	0	17	52	118	99	29	1	0	0	315
	STD DEV	0	0	1	1	14	25	40	40	18	3	0	0	85
1808 MA-01 Western 	71-00 AVERAGE	0	0	0	1	19	62	138	112	30	2	0	0	362
	STD DEV	0	0	1	1	17	29	47	42	15	3	0	0	94
	31-00 AVERAGE	0	0	0	0	9	43	120	87	12	1	0	0	271
	STD DEV	0	0	0	0	7	23	39	37	11	1	0	0	73
	31-60 AVERAGE	0	0	0	0	9	46	127	92	13	1	0	0	288
	STD DEV	0	0	0	0	8	23	43	46	10	1	0	0	89
	41-70 AVERAGE	0	0	0	0	7	44	116	81	13	1	0	0	262
	STD DEV	0	0	0	0	7	24	42	36	14	1	0	0	79
	51-80 AVERAGE	0	0	0	0	7	41	113	83	12	1	0	0	257
	STD DEV	0	0	0	0	7	24	40	33	14	2	0	0	68
1901 MA-02 Central 	61-90 AVERAGE	0	0	0	0	8	39	116	85	12	1	0	0	261
	STD DEV	0	0	0	0	6	23	30	31	13	2	0	0	50
	71-00 AVERAGE	0	0	0	0	9	40	115	86	10	0	0	0	259
	STD DEV	0	0	0	0	7	23	35	29	7	1	0	0	58
	31-00 AVERAGE	0	0	0	0	14	82	194	149	31	2	0	0	472
	STD DEV	0	0	0	0	11	33	47	47	19	3	0	0	102
	31-60 AVERAGE	0	0	0	0	18	91	210	162	38	3	0	0	522
	STD DEV	0	0	0	0	14	35	49	53	18	4	0	0	105
	41-70 AVERAGE	0	0	0	0	15	88	200	148	35	3	0	0	489
	STD DEV	0	0	0	0	13	35	53	49	23	4	0	0	112
1902 MA-03 Coastal 	51-80 AVERAGE	0	0	0	0	13	80	189	142	30	2	0	0	455
	STD DEV	0	0	0	0	10	33	48	41	21	3	0	0	87
	61-90 AVERAGE	0	0	0	0	11	72	182	138	26	1	0	0	430
	STD DEV	0	0	0	0	8	30	34	41	20	3	0	0	74
	71-00 AVERAGE	0	0	0	0	12	73	183	141	25	1	0	0	435
	STD DEV	0	0	0	0	9	33	43	39	14	2	0	0	87
	31-00 AVERAGE	0	0	0	0	5	65	189	157	33	1	0	0	452
	STD DEV	0	0	0	0	5	28	47	43	18	2	0	0	95
	31-60 AVERAGE	0	0	0	0	5	59	180	150	33	1	0	0	429
	STD DEV	0	0	0	0	5	28	46	46	16	2	0	0	90
1903 MI-01 West Upper 	41-70 AVERAGE	0	0	0	0	5	63	184	146	33	2	0	0	432
	STD DEV	0	0	0	0	5	27	48	43	19	3	0	0	92
	51-80 AVERAGE	0	0	0	0	5	63	187	155	33	1	0	0	444
	STD DEV	0	0	0	0	4	25	44	40	21	3	0	0	82
	61-90 AVERAGE	0	0	0	0	4	63	188	160	32	1	0	0	449
	STD DEV	0	0	0	0	3	22	35	43	21	3	0	0	82
	71-00 AVERAGE	0	0	0	0	6	73	203	169	35	1	0	0	487
	STD DEV	0	0	0	0	5	30	47	38	18	3	0	0	97
	31-00 AVERAGE	0	0	0	0	9	31	82	68	5	1	0	0	197
	STD DEV	0	0	0	0	8	21	36	34	5	3	0	0	68
2001 MI-02 East Upper 	31-60 AVERAGE	0	0	0	0	8	33	89	73	6	2	0	0	211
	STD DEV	0	0	0	0	7	24	37	38	6	4	0	0	72
	41-70 AVERAGE	0	0	0	0	7	28	77	67	4	2	0	0	185
	STD DEV	0	0	0	0	7	16	35	36	4	5	0	0	70
	51-80 AVERAGE	0	0	0	0	9	27	77	63	4	2	0	0	182
	STD DEV	0	0	0	0	9	16	35	31	3	4	0	0	64
	61-90 AVERAGE	0	0	0	0	10	27	81	61	4	1	0	0	185
	STD DEV	0	0	0	0	9	17	34	29	3	4	0	0	60
	71-00 AVERAGE	0	0	0	0	11	31	78	67	5	1	0	0	192
	STD DEV	0	0	0	0	9	20	34	32	4	2	0	0	66
2002 MI-02 East Upper 	31-00 AVERAGE	0	0	0	0	4	20	71	69	5	0	0	0	169
	STD DEV	0	0	0	0	5	15	33	35	5	2	0	0	65
	31-60 AVERAGE	0	0	0	0	3	18	70	72	5	0	0	0	169
	STD DEV	0	0	0	0	3	13	33	38	5	2	0	0	68
	41-70 AVERAGE	0	0	0	0	3	18	66	66	5	1	0	0	158
	STD DEV	0	0	0	0	3	12	33	37	5	2	0	0	67
	51-80 AVERAGE	0	0	0	0	4	18	67	63	4	1	0	0	157
	STD DEV	0	0	0	0	5	12	33	34	4	2	0	0	63
	61-90 AVERAGE	0	0	0	0	5	18	73	64	5	1	0	0	165
	STD DEV	0	0	0	0	5	14	32	31	4	2	0	0	59
	71-00 AVERAGE	0	0	0	0	6	23	72	70	5	0	0	0	176
	STD DEV	0	0	0	0	6	18	34	34	4	1	0	0	68

Climate Division			Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
2003	<div>MI-03 Northwest Lower</div> 	31-00	AVERAGE	0	0	0	0	14	55	119	100	14	2	0	0	305
			STD DEV	0	0	0	0	12	30	45	45	11	4	0	0	94
		31-60	AVERAGE	0	0	0	0	12	58	127	109	16	2	0	0	324
			STD DEV	0	0	0	0	9	30	50	51	13	4	0	0	104
		41-70	AVERAGE	0	0	0	0	12	52	108	98	13	3	0	0	285
			STD DEV	0	0	0	0	10	24	45	50	11	5	0	0	97
		51-80	AVERAGE	0	0	0	0	14	49	109	93	13	2	0	0	280
			STD DEV	0	0	0	0	12	25	45	43	10	4	0	0	87
		61-90	AVERAGE	0	0	0	0	15	49	117	91	13	2	0	0	287
			STD DEV	0	0	0	0	13	27	39	36	9	4	0	0	74
2004	<div>MI-04 Northeast Lower</div> 	71-00	AVERAGE	0	0	0	0	17	55	117	97	12	2	0	0	300
			STD DEV	0	0	0	0	14	32	40	42	8	4	0	0	91
		31-00	AVERAGE	0	0	0	0	11	47	110	91	9	1	0	0	269
			STD DEV	0	0	0	0	10	26	41	42	7	3	0	0	84
		31-60	AVERAGE	0	0	0	0	9	45	107	94	9	1	0	0	264
			STD DEV	0	0	0	0	7	24	42	49	8	3	0	0	89
		41-70	AVERAGE	0	0	0	0	9	45	102	91	9	2	0	0	258
			STD DEV	0	0	0	0	8	24	43	47	9	4	0	0	91
		51-80	AVERAGE	0	0	0	0	11	45	104	87	9	2	0	0	258
			STD DEV	0	0	0	0	10	24	42	43	8	3	0	0	82
2005	<div>MI-05 West Central Lower</div> 	61-90	AVERAGE	0	0	0	0	12	44	116	86	9	1	0	0	268
			STD DEV	0	0	0	0	11	25	40	35	7	3	0	0	71
		71-00	AVERAGE	0	0	0	0	14	50	115	92	9	1	0	0	280
			STD DEV	0	0	0	0	12	30	42	40	6	3	0	0	86
		31-00	AVERAGE	0	0	0	0	25	82	152	129	22	3	0	0	413
			STD DEV	0	0	0	1	19	37	49	51	15	6	0	0	103
		31-60	AVERAGE	0	0	0	0	21	86	161	141	26	4	0	0	439
			STD DEV	0	0	0	1	13	39	53	54	18	6	0	0	106
		41-70	AVERAGE	0	0	0	0	23	85	146	133	24	5	0	0	415
			STD DEV	0	0	0	1	17	34	50	55	16	7	0	0	106
2006	<div>MI-06 Central Lower</div> 	51-80	AVERAGE	0	0	0	0	25	80	142	122	22	4	0	0	395
			STD DEV	0	0	0	1	19	36	47	47	15	6	0	0	96
		61-90	AVERAGE	0	0	0	0	26	76	149	117	21	3	0	0	392
			STD DEV	0	0	0	1	21	35	43	40	13	6	0	0	84
		71-00	AVERAGE	0	0	0	0	28	77	147	124	20	2	0	0	398
			STD DEV	0	0	0	1	22	38	47	50	11	5	0	0	109
		31-00	AVERAGE	0	0	0	1	31	104	180	144	30	4	0	0	495
			STD DEV	0	0	0	1	22	43	53	54	20	6	0	0	118
		31-60	AVERAGE	0	0	0	1	29	112	192	159	35	5	0	0	533
			STD DEV	0	0	1	1	18	46	55	57	24	7	0	0	122
2007	<div>MI-07 East Central Lower</div> 	41-70	AVERAGE	0	0	0	1	27	104	171	147	31	6	0	0	487
			STD DEV	0	0	1	1	19	40	51	60	20	8	0	0	117
		51-80	AVERAGE	0	0	0	1	30	100	168	136	28	4	0	0	468
			STD DEV	0	0	0	1	22	41	48	50	17	6	0	0	101
		61-90	AVERAGE	0	0	0	0	31	95	175	131	27	4	0	0	462
			STD DEV	0	0	0	1	23	40	48	43	15	6	0	0	91
		71-00	AVERAGE	0	0	0	0	33	99	174	136	26	3	0	0	472
			STD DEV	0	0	0	1	24	43	53	50	15	5	0	0	119
		31-00	AVERAGE	0	0	0	0	27	97	180	144	35	5	0	0	487
			STD DEV	0	0	0	1	19	40	52	52	22	6	0	0	116
2008	<div>MI-08 Southwest Lower</div> 	31-60	AVERAGE	0	0	0	1	24	102	191	159	39	5	0	0	520
			STD DEV	0	0	1	1	16	42	56	56	25	7	0	0	124
		41-70	AVERAGE	0	0	0	0	22	97	170	143	35	6	0	0	475
			STD DEV	0	0	1	1	17	38	50	55	20	7	0	0	109
		51-80	AVERAGE	0	0	0	0	26	96	173	139	35	5	0	0	475
			STD DEV	0	0	0	1	20	40	47	48	19	7	0	0	101
		61-90	AVERAGE	0	0	0	0	28	91	179	133	33	4	0	0	469
			STD DEV	0	0	0	1	21	40	45	41	18	7	0	0	93
		71-00	AVERAGE	0	0	0	0	29	92	174	135	30	3	0	0	464
			STD DEV	0	0	0	1	21	41	50	47	17	6	0	0	115
	<div>MI-08 Southwest Lower</div> 	31-00	AVERAGE	0	0	0	1	43	127	215	180	50	8	0	0	625
			STD DEV	0	0	1	2	29	49	56	60	27	9	0	0	130
		31-60	AVERAGE	0	0	0	1	40	133	231	198	57	9	0	0	670
			STD DEV	0	0	2	2	23	56	59	62	30	10	0	0	133
		41-70	AVERAGE	0	0	0	1	41	126	206	179	51	10	0	0	615
			STD DEV	0	0	2	2	26	46	54	65	27	11	0	0	124
		51-80	AVERAGE	0	0	0	1	43	122	201	168	49	8	0	0	593
			STD DEV	0	0	0	2	29	47	53	52	25	9	0	0	114
		61-90	AVERAGE	0	0	0	1	44	119	204	164	46	7	0	0	586
			STD DEV	0	0	0	2	31	44	47	48	22	9	0	0	98
	<div>MI-08 Southwest Lower</div> 	71-00	AVERAGE	0	0	0	1	47	122	208	174	45	6	0	0	602
			STD DEV	0	0	0	2	32	47	55	60	22	8	0	0	133

Section 4:



Section 4:

Cooling Degree Days



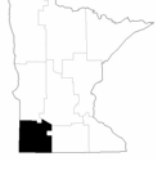





Divisional Normals, 1971-2000 (and previous periods)

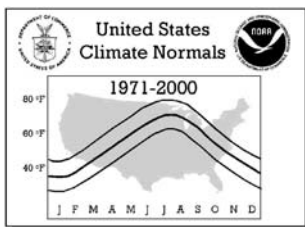
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Minnesota – Mississippi

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MN-05 Central 	31-00 AVERAGE	0	0	0	2	42	124	216	155	30	3	0	0	571
	STD DEV	0	0	1	3	28	52	64	53	20	5	0	0	129
	31-60 AVERAGE	0	0	0	2	38	119	224	164	33	4	0	0	583
	STD DEV	0	0	1	3	28	58	66	58	24	6	0	0	136
	41-70 AVERAGE	0	0	0	2	33	113	202	158	25	4	0	0	537
	STD DEV	0	0	1	3	19	43	57	54	15	7	0	0	114
	51-80 AVERAGE	0	0	0	2	39	121	208	150	26	3	0	0	549
	STD DEV	0	0	1	4	25	40	62	45	16	5	0	0	100
	61-90 AVERAGE	0	0	0	3	44	127	221	149	27	3	0	0	573
	STD DEV	0	0	1	4	30	46	62	51	16	5	0	0	123
MN-06 East Central 	71-00 AVERAGE	0	0	0	3	49	129	212	149	29	2	0	0	572
	STD DEV	0	0	0	4	31	49	64	52	19	2	0	0	133
	31-00 AVERAGE	0	0	0	1	25	83	170	123	18	2	0	0	422
	STD DEV	0	0	0	1	19	40	54	46	14	4	0	0	106
	31-60 AVERAGE	0	0	0	1	22	82	176	128	19	2	0	0	430
	STD DEV	0	0	0	1	17	47	56	50	16	4	0	0	115
	41-70 AVERAGE	0	0	0	1	19	75	158	123	15	2	0	0	392
	STD DEV	0	0	0	2	11	32	49	47	11	5	0	0	97
	51-80 AVERAGE	0	0	0	1	24	80	162	115	15	2	0	0	398
	STD DEV	0	0	0	2	18	31	52	42	9	4	0	0	85
MN-07 Southwest 	61-90 AVERAGE	0	0	0	1	26	82	172	115	15	1	0	0	412
	STD DEV	0	0	0	1	20	34	53	44	10	4	0	0	97
	71-00 AVERAGE	0	0	0	1	31	86	166	120	18	1	0	0	423
	STD DEV	0	0	0	2	22	37	54	46	14	2	0	0	104
	31-00 AVERAGE	0	0	0	3	56	147	255	191	54	6	0	0	713
	STD DEV	0	0	1	4	38	57	76	64	33	8	0	0	167
	31-60 AVERAGE	0	0	0	3	57	149	279	215	64	8	0	0	776
	STD DEV	0	0	1	4	44	70	85	69	38	10	0	0	193
	41-70 AVERAGE	0	0	1	3	46	132	238	194	45	7	0	0	666
	STD DEV	0	0	2	4	27	50	61	62	23	10	0	0	132
MN-08 South Central 	51-80 AVERAGE	0	0	0	3	50	143	244	183	46	6	0	0	676
	STD DEV	0	0	1	5	28	47	67	52	23	8	0	0	113
	61-90 AVERAGE	0	0	0	3	55	147	249	175	46	4	0	0	680
	STD DEV	0	0	1	4	33	46	61	56	24	7	0	0	120
	71-00 AVERAGE	0	0	0	3	59	148	238	174	49	3	0	0	675
	STD DEV	0	0	1	5	35	49	66	59	28	3	0	0	137
	31-00 AVERAGE	0	0	0	3	58	157	253	192	51	8	0	0	721
	STD DEV	0	0	1	4	38	59	71	64	30	10	0	0	160
	31-60 AVERAGE	0	0	0	3	58	161	278	218	60	11	0	0	790
	STD DEV	0	0	2	5	42	70	75	68	35	12	0	0	169
MN-09 Southeast 	41-70 AVERAGE	0	0	1	4	51	147	241	198	44	10	0	0	696
	STD DEV	0	0	2	5	28	51	61	63	24	13	0	0	136
	51-80 AVERAGE	0	0	0	3	56	154	243	184	44	8	0	0	693
	STD DEV	0	0	1	5	31	48	64	51	22	10	0	0	113
	61-90 AVERAGE	0	0	0	3	59	155	247	175	43	6	0	0	688
	STD DEV	0	0	1	4	36	49	60	53	22	9	0	0	127
	71-00 AVERAGE	0	0	0	3	60	156	235	174	46	4	0	0	679
	STD DEV	0	0	1	5	37	52	66	58	25	4	0	0	144
	31-00 AVERAGE	0	0	0	2	47	135	226	167	38	6	0	0	621
	STD DEV	0	0	1	4	32	55	68	60	25	8	0	0	150
MS-01 Upper Delta 	31-60 AVERAGE	0	0	0	3	48	141	245	187	45	8	0	0	677
	STD DEV	0	0	1	4	36	66	75	66	30	10	0	0	167
	41-70 AVERAGE	0	0	0	3	39	124	208	165	31	7	0	0	577
	STD DEV	0	0	1	4	23	46	61	58	19	10	0	0	133
	51-80 AVERAGE	0	0	0	2	42	125	209	150	30	5	0	0	562
	STD DEV	0	0	0	4	26	43	62	42	17	7	0	0	103
	61-90 AVERAGE	0	0	0	2	44	128	219	149	31	4	0	0	578
	STD DEV	0	0	0	4	29	43	58	47	18	6	0	0	119
	71-00 AVERAGE	0	0	0	3	49	135	217	158	37	4	0	0	602
	STD DEV	0	0	0	4	30	46	59	54	22	4	0	0	125
MS-01 Upper Delta 	31-00 AVERAGE	6	6	27	69	220	413	515	477	288	91	6	4	2120
	STD DEV	7	7	22	35	62	63	54	68	70	42	6	6	228
	31-60 AVERAGE	9	8	31	75	231	429	520	506	310	107	6	5	2237
	STD DEV	9	8	27	32	57	70	52	64	69	44	6	6	180
	41-70 AVERAGE	6	6	25	81	231	417	509	477	282	93	6	3	2136
	STD DEV	8	7	22	36	58	69	55	63	56	46	5	4	184
	51-80 AVERAGE	4	5	24	70	219	408	514	466	283	81	5	3	2082
	STD DEV	6	7	18	33	64	71	55	58	68	40	5	5	214
	61-90 AVERAGE	3	4	25	66	207	400	508	455	275	77	7	3	2028
	STD DEV	4	6	16	37	64	54	56	53	68	40	6	6	195
MS-01 Upper Delta 	71-00 AVERAGE	3	5	25	57	207	401	516	463	277	81	6	3	2045
	STD DEV	5	6	14	34	68	60	52	69	71	37	7	6	236



Section 4:

Cooling Degree Days








Divisional Normals, 1971-2000 (and previous periods)

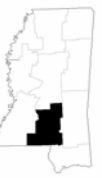





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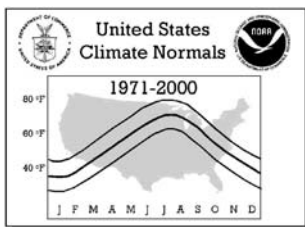
Temperature (°F), Precipitation (inches), and Degree Days

Mississippi

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MS-02 North Central 	31-00 AVERAGE	4	4	23	49	178	360	470	440	260	76	5	3	1872
	STD DEV	6	5	19	28	57	64	56	71	70	40	6	5	234
	31-60 AVERAGE	6	5	25	55	193	390	489	475	285	94	5	4	2026
	STD DEV	7	6	24	27	54	69	58	70	69	43	5	6	197
	41-70 AVERAGE	4	4	21	61	189	370	472	445	257	81	4	3	1910
	STD DEV	7	5	20	30	55	69	62	71	57	44	4	4	213
	51-80 AVERAGE	3	4	20	53	175	350	468	431	259	68	4	2	1836
	STD DEV	4	6	15	29	59	71	60	65	68	35	4	5	227
	61-90 AVERAGE	2	3	21	46	162	336	451	413	244	62	5	2	1749
	STD DEV	4	5	14	29	56	48	54	52	67	35	6	5	172
MS-03 Northeast 	71-00 AVERAGE	3	3	22	38	162	339	461	420	244	64	5	3	1763
	STD DEV	4	4	13	24	58	55	48	63	67	32	6	5	201
	31-00 AVERAGE	4	3	21	44	179	360	468	443	260	78	4	2	1868
	STD DEV	7	5	18	26	57	67	56	70	70	40	5	4	236
	31-60 AVERAGE	7	4	22	48	195	392	487	477	285	97	4	3	2021
	STD DEV	8	5	22	25	54	74	55	69	70	42	5	5	197
	41-70 AVERAGE	4	3	19	55	190	371	468	446	258	84	4	2	1905
	STD DEV	7	4	19	28	57	74	63	72	63	44	4	3	229
	51-80 AVERAGE	3	3	19	48	174	346	460	431	257	69	3	2	1816
	STD DEV	5	5	16	27	58	71	60	67	69	35	4	3	229
MS-04 Lower Delta 	61-90 AVERAGE	2	3	21	43	164	334	448	414	242	63	5	2	1741
	STD DEV	4	4	15	28	57	48	55	55	67	35	6	4	181
	71-00 AVERAGE	3	3	21	36	162	337	460	423	243	64	5	2	1759
	STD DEV	5	4	13	24	56	55	49	62	65	33	5	4	199
	31-00 AVERAGE	10	8	35	79	241	431	525	494	313	101	11	7	2255
	STD DEV	11	8	26	38	61	56	50	60	71	44	10	9	205
	31-60 AVERAGE	15	10	38	81	244	443	528	512	326	112	10	9	2327
	STD DEV	13	9	32	33	61	62	48	59	72	48	9	9	176
	41-70 AVERAGE	10	8	31	91	244	432	516	487	300	100	10	7	2235
	STD DEV	12	8	26	38	59	63	56	62	58	51	9	6	193
MS-05 Central 	51-80 AVERAGE	7	7	32	82	237	424	522	481	307	91	9	6	2205
	STD DEV	8	8	23	37	62	67	55	56	70	43	9	7	211
	61-90 AVERAGE	6	6	34	80	231	420	515	476	301	88	13	6	2175
	STD DEV	7	8	22	42	58	52	54	48	72	43	11	9	197
	71-00 AVERAGE	7	7	34	71	237	426	530	492	311	96	12	6	2229
	STD DEV	7	7	19	39	64	53	47	59	70	41	10	9	208
	31-00 AVERAGE	13	8	31	58	195	378	474	455	287	89	10	6	2005
	STD DEV	14	9	24	31	56	55	47	56	67	42	10	8	200
	31-60 AVERAGE	19	11	34	62	208	402	486	474	304	104	10	8	2121
	STD DEV	18	10	29	27	59	57	46	56	65	44	9	8	154
MS-06 East Central 	41-70 AVERAGE	14	9	29	73	206	388	473	454	284	94	10	6	2039
	STD DEV	17	10	23	32	53	60	54	60	59	47	9	6	185
	51-80 AVERAGE	10	8	29	64	194	371	472	447	289	81	9	5	1979
	STD DEV	11	9	21	33	58	62	54	53	70	39	8	7	207
	61-90 AVERAGE	8	6	30	58	182	360	459	439	276	76	12	5	1911
	STD DEV	9	8	20	34	51	48	49	45	72	40	11	8	183
	71-00 AVERAGE	10	7	30	47	182	360	469	448	278	78	11	6	1924
	STD DEV	9	6	18	29	54	49	40	52	69	37	10	8	185
	31-00 AVERAGE	13	7	30	59	202	388	485	464	290	89	8	5	2041
	STD DEV	14	8	24	31	58	63	52	64	71	43	8	7	234
MS-07 Southwest 	31-60 AVERAGE	19	10	33	64	219	417	501	491	311	107	8	7	2187
	STD DEV	19	10	30	28	58	66	48	61	71	45	8	7	187
	41-70 AVERAGE	14	8	28	71	210	392	478	458	279	90	7	4	2040
	STD DEV	18	8	24	31	55	69	57	64	60	47	7	5	214
	51-80 AVERAGE	9	6	26	61	193	370	472	448	281	75	6	4	1952
	STD DEV	9	8	20	30	56	65	56	60	70	35	7	6	212
	61-90 AVERAGE	7	5	28	57	184	362	464	438	273	73	9	4	1903
	STD DEV	8	7	19	32	51	49	53	50	72	37	9	7	184
	71-00 AVERAGE	9	6	30	48	188	369	481	453	281	78	9	5	1955
	STD DEV	8	6	17	30	57	53	46	59	68	38	9	7	208
MS-07 Southwest 	31-00 AVERAGE	17	13	39	83	232	408	495	479	324	114	17	9	2231
	STD DEV	16	13	28	38	55	51	42	51	63	47	14	10	193
	31-60 AVERAGE	23	17	40	84	241	428	507	496	339	131	14	11	2331
	STD DEV	21	15	33	33	58	50	38	50	60	51	12	11	149
	41-70 AVERAGE	17	14	35	98	241	414	496	482	321	118	15	8	2259
	STD DEV	20	14	27	40	52	54	46	53	55	53	12	7	176
	51-80 AVERAGE	14	12	37	91	231	402	494	471	327	106	15	8	2208
	STD DEV	14	13	25	40	56	56	46	50	66	45	14	9	195
	61-90 AVERAGE	11	10	38	86	219	390	480	460	312	100	20	8	2136
	STD DEV	11	11	24	41	48	45	45	37	68	44	16	11	179
2207	71-00 AVERAGE	14	12	40	73	222	396	490	471	314	102	19	9	2160
	STD DEV	11	9	22	36	55	48	41	49	65	39	16	11	186

Climate Division		Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MS-08 South Central		31-00 AVERAGE	26	19	43	87	242	415	497	483	329	124	20	12	2297
		STD DEV	25	17	30	38	57	54	42	48	61	51	16	12	212
		31-60 AVERAGE	36	25	47	93	260	443	510	498	343	143	20	14	2431
		STD DEV	32	20	37	33	61	51	40	47	63	56	15	13	179
		41-70 AVERAGE	27	20	40	102	250	420	492	479	322	126	18	10	2307
		STD DEV	29	19	31	40	53	56	41	46	54	57	13	8	187
		51-80 AVERAGE	21	16	39	91	232	401	485	467	326	110	16	9	2212
		STD DEV	18	17	27	40	55	54	41	44	62	44	14	10	178
		61-90 AVERAGE	17	13	41	86	221	393	481	464	317	108	22	10	2172
		STD DEV	15	13	25	41	46	44	41	35	64	47	19	12	167
2208	71-00 AVERAGE	20	15	42	73	227	398	491	476	322	111	21	10	2206	
	STD DEV	15	9	24	35	54	48	38	48	60	42	19	12	173	
MS-09 Southeast		31-00 AVERAGE	22	15	41	80	227	404	490	474	317	108	15	9	2202
		STD DEV	22	14	29	37	57	52	43	48	63	47	13	10	200
		31-60 AVERAGE	31	20	44	85	245	429	497	488	329	127	14	11	2321
		STD DEV	28	17	35	31	60	49	41	44	61	51	12	10	153
		41-70 AVERAGE	23	16	37	96	238	411	486	470	310	112	13	8	2219
		STD DEV	25	15	29	39	56	53	46	50	61	53	11	7	185
		51-80 AVERAGE	18	13	36	85	222	395	486	464	318	96	12	7	2151
		STD DEV	16	14	24	39	60	56	44	50	70	40	12	9	186
		61-90 AVERAGE	14	10	38	79	208	384	479	457	306	93	16	8	2093
		STD DEV	15	11	23	40	50	46	44	41	70	44	15	10	174
2209	71-00 AVERAGE	18	12	40	66	211	388	488	469	311	95	17	9	2123	
	STD DEV	15	8	22	34	53	48	41	47	63	41	15	10	179	
MS-10 Coastal		31-00 AVERAGE	29	19	45	108	275	437	509	499	366	154	33	15	2491
		STD DEV	27	17	29	42	52	44	37	37	52	54	23	14	167
		31-60 AVERAGE	38	24	46	108	284	449	508	503	373	172	31	17	2553
		STD DEV	34	20	35	34	59	41	35	32	54	59	20	14	130
		41-70 AVERAGE	29	21	40	124	285	446	506	501	362	159	30	14	2517
		STD DEV	30	20	28	45	52	46	36	36	48	61	19	10	146
		51-80 AVERAGE	25	17	43	118	276	440	512	498	370	146	29	14	2488
		STD DEV	22	19	25	44	51	46	36	38	54	47	21	13	140
		61-90 AVERAGE	21	14	45	114	267	433	507	493	361	141	37	15	2448
		STD DEV	20	14	24	47	41	44	40	34	54	52	25	15	168
2210	71-00 AVERAGE	24	16	47	96	267	430	511	499	361	140	36	15	2443	
	STD DEV	20	10	25	41	49	45	38	43	51	48	26	15	184	
MO-01 Northwest Prairie		31-00 AVERAGE	0	0	4	9	96	249	392	332	137	30	0	0	1249
		STD DEV	0	1	6	9	47	70	83	81	54	25	1	0	218
		31-60 AVERAGE	0	0	4	9	97	264	415	360	155	38	0	0	1343
		STD DEV	0	1	8	10	46	86	102	86	60	27	1	0	245
		41-70 AVERAGE	0	0	3	11	99	242	377	331	132	35	0	0	1230
		STD DEV	0	1	7	10	51	72	77	72	46	30	1	0	192
		51-80 AVERAGE	0	0	3	11	101	251	392	327	135	30	0	0	1250
		STD DEV	0	1	4	9	47	71	81	56	45	28	1	0	182
		61-90 AVERAGE	0	0	5	10	97	242	383	310	126	25	1	0	1198
		STD DEV	0	1	5	9	50	57	62	70	42	26	1	0	161
2301	71-00 AVERAGE	0	0	5	9	90	241	374	317	126	21	0	0	1184	
	STD DEV	0	1	5	9	41	55	63	77	48	13	1	0	169	
MO-02 Northeast Prairie		31-00 AVERAGE	0	0	5	12	101	258	393	338	145	29	1	0	1281
		STD DEV	1	1	7	11	48	69	78	80	55	23	2	0	211
		31-60 AVERAGE	0	0	5	11	103	275	410	361	162	35	1	0	1362
		STD DEV	1	1	9	11	44	83	95	86	63	23	1	0	237
		41-70 AVERAGE	0	0	4	13	103	253	374	332	140	33	0	0	1253
		STD DEV	0	1	8	11	51	72	71	74	47	29	1	0	194
		51-80 AVERAGE	0	0	4	13	102	253	386	328	144	29	1	0	1259
		STD DEV	0	1	5	11	48	71	75	59	48	27	1	0	186
		61-90 AVERAGE	0	0	5	13	99	246	383	316	136	25	1	0	1225
		STD DEV	1	1	5	11	53	56	64	72	44	25	2	0	170
2302	71-00 AVERAGE	0	0	6	12	97	248	385	329	136	22	1	0	1236	
	STD DEV	1	1	5	11	45	56	60	78	49	15	2	0	170	
MO-03 West Central Plains		31-00 AVERAGE	0	0	7	15	106	269	420	377	172	40	1	0	1408
		STD DEV	1	1	8	13	48	71	83	84	62	29	2	0	235
		31-60 AVERAGE	0	0	6	14	108	292	438	403	191	49	1	0	1502
		STD DEV	1	1	10	14	45	86	100	90	69	31	2	0	260
		41-70 AVERAGE	0	0	5	18	112	267	401	370	169	45	1	0	1388
		STD DEV	0	1	9	15	52	75	80	78	54	35	1	0	222
		51-80 AVERAGE	0	0	5	17	110	265	414	369	175	39	1	0	1396
		STD DEV	0	1	6	14	51	77	85	65	58	31	1	0	227
		61-90 AVERAGE	0	0	7	16	104	252	409	353	163	34	1	0	1340
		STD DEV	1	1	6	13	52	56	70	71	51	29	2	0	187
2303	71-00 AVERAGE	0	0	8	14	99	256	411	365	160	30	1	0	1346	
	STD DEV	1	1	6	12	46	57	66	79	57	17	3	0	187	



Section 4:

Cooling Degree Days






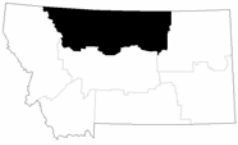
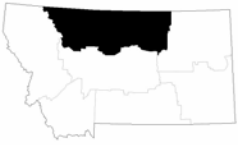
Divisional Normals, 1971-2000 (and previous periods)

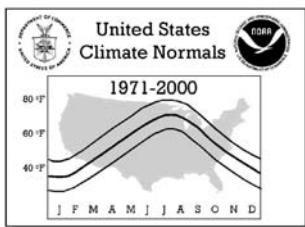
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Temperature (°F), Precipitation (inches), and Degree Days

Missouri – Montana

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MO-04 West Ozarks 	31-00 AVERAGE	0	0	7	18	96	258	401	370	176	43	1	0	1371
	STD DEV	1	1	8	16	44	70	77	83	64	29	2	0	235
	31-60 AVERAGE	0	0	7	19	100	284	417	396	198	54	1	0	1475
	STD DEV	1	1	10	18	37	82	88	89	70	32	2	0	246
	41-70 AVERAGE	0	0	6	23	104	265	392	369	177	49	1	0	1386
	STD DEV	0	1	9	19	47	74	80	79	56	35	1	0	231
	51-80 AVERAGE	0	0	6	21	102	261	403	366	182	42	1	0	1383
	STD DEV	0	1	7	18	47	78	83	69	62	30	1	0	245
	61-90 AVERAGE	0	0	8	19	94	242	392	349	164	35	1	0	1305
	STD DEV	0	1	6	15	49	53	71	67	53	28	2	0	194
2304 MO-05 East Ozarks 	71-00 AVERAGE	0	1	7	15	88	240	390	358	161	32	1	0	1293
	STD DEV	0	1	6	13	44	58	65	77	60	16	3	0	199
	31-00 AVERAGE	0	0	7	16	96	254	386	344	157	31	1	0	1291
	STD DEV	1	1	9	14	44	65	69	77	59	22	1	0	205
	31-60 AVERAGE	0	0	7	18	100	278	402	372	176	38	1	0	1393
	STD DEV	1	1	11	16	37	75	78	79	65	23	2	1	211
	41-70 AVERAGE	0	0	6	20	102	260	377	341	154	35	0	0	1296
	STD DEV	0	1	10	17	46	70	66	73	50	27	1	0	188
	51-80 AVERAGE	0	0	6	18	97	249	382	333	157	29	0	0	1272
	STD DEV	0	1	7	17	46	73	69	61	54	23	1	0	200
2305 MO-06 Bootheel 	61-90 AVERAGE	0	0	8	16	91	235	375	319	146	25	1	0	1215
	STD DEV	0	1	7	13	49	49	63	66	49	22	1	0	165
	71-00 AVERAGE	0	0	7	13	89	236	377	331	144	23	1	0	1222
	STD DEV	0	1	6	11	45	53	59	74	52	16	1	0	175
	31-00 AVERAGE	1	1	10	28	152	341	462	405	204	48	2	0	1653
	STD DEV	2	2	10	19	57	65	63	71	63	29	3	1	201
	31-60 AVERAGE	1	1	10	29	151	352	464	426	218	57	2	0	1708
	STD DEV	2	2	12	20	45	80	66	72	68	29	3	1	206
	41-70 AVERAGE	0	1	9	34	157	341	447	401	199	52	1	0	1643
	STD DEV	1	1	11	21	58	70	62	69	55	32	2	0	194
2306 MT-01 Western 	51-80 AVERAGE	0	1	9	31	155	336	456	393	204	46	1	0	1634
	STD DEV	0	2	8	21	60	73	64	60	61	30	2	1	199
	61-90 AVERAGE	0	0	10	29	151	333	457	384	198	42	2	0	1606
	STD DEV	1	1	8	20	68	51	63	64	59	30	2	1	185
	71-00 AVERAGE	0	1	10	25	147	333	467	397	196	41	2	0	1620
	STD DEV	1	2	8	19	60	55	61	70	61	26	3	1	195
	31-00 AVERAGE	0	0	0	0	2	13	67	55	11	0	0	0	149
	STD DEV	0	0	0	0	3	12	31	29	11	0	0	0	53
	31-60 AVERAGE	0	0	0	0	3	11	70	45	10	0	0	0	138
	STD DEV	0	0	0	0	4	9	28	21	8	0	0	0	48
2401 MT-02 Southwestern 	41-70 AVERAGE	0	0	0	0	2	10	62	47	10	0	0	0	132
	STD DEV	0	0	0	0	3	10	24	27	10	0	0	0	48
	51-80 AVERAGE	0	0	0	0	2	12	62	50	11	0	0	0	136
	STD DEV	0	0	0	0	3	11	25	32	10	0	0	0	49
	61-90 AVERAGE	0	0	0	0	1	16	63	59	11	0	0	0	152
	STD DEV	0	0	0	0	2	14	31	33	12	0	0	0	49
	71-00 AVERAGE	0	0	0	0	2	16	67	63	12	0	0	0	160
	STD DEV	0	0	0	0	3	14	37	32	11	0	0	0	53
	31-00 AVERAGE	0	0	0	0	1	12	56	35	6	0	0	0	110
	STD DEV	0	0	0	0	2	11	27	21	6	0	0	0	41
2402 MT-03 North Central 	31-60 AVERAGE	0	0	0	0	1	10	61	32	6	0	0	0	110
	STD DEV	0	0	0	0	2	9	27	16	5	0	0	0	38
	41-70 AVERAGE	0	0	0	0	1	9	55	33	6	0	0	0	104
	STD DEV	0	0	0	0	2	9	23	20	6	0	0	0	38
	51-80 AVERAGE	0	0	0	0	1	11	55	32	6	0	0	0	104
	STD DEV	0	0	0	0	2	11	23	23	6	0	0	0	36
	61-90 AVERAGE	0	0	0	0	0	14	54	35	6	0	0	0	110
	STD DEV	0	0	0	0	1	14	25	23	7	0	0	0	39
	71-00 AVERAGE	0	0	0	0	1	14	50	36	7	0	0	0	107
	STD DEV	0	0	0	0	1	13	28	23	7	0	0	0	41
2403 MT-03 North Central 	31-00 AVERAGE	0	0	0	1	5	40	115	103	27	0	0	0	291
	STD DEV	0	0	1	1	6	28	45	46	20	1	1	0	82
	31-60 AVERAGE	0	0	0	1	6	34	126	91	24	0	0	0	282
	STD DEV	0	0	0	1	8	22	50	26	16	1	1	0	76
	41-70 AVERAGE	0	0	0	1	4	32	112	96	24	0	0	0	269
	STD DEV	0	0	0	1	5	25	37	40	18	1	1	0	75
	51-80 AVERAGE	0	0	0	1	4	39	109	99	26	0	0	0	278
	STD DEV	0	0	0	1	5	27	37	53	18	1	1	0	73
	61-90 AVERAGE	0	0	0	1	5	48	110	109	27	0	0	0	299
	STD DEV	0	0	2	1	5	35	34	58	21	1	0	0	76
	71-00 AVERAGE	0	0	1	1	5	45	105	110	28	0	0	0	294
	STD DEV	0	0	2	1	5	30	44	58	21	0	0	0	83



Section 4:

Cooling Degree Days





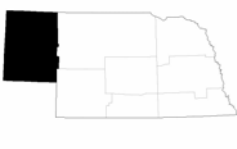
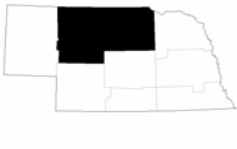
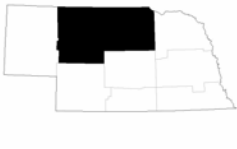
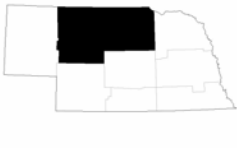
Divisional Normals, 1971-2000 (and previous periods)

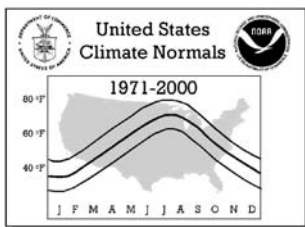
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Montana – Nebraska

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MT-04 Central 	31-00 AVERAGE	0	0	0	0	4	33	107	82	19	0	0	0	245
	STD DEV	0	0	0	0	5	25	44	38	14	0	0	0	76
	31-60 AVERAGE	0	0	0	0	5	29	121	78	19	0	0	0	252
	STD DEV	0	0	0	0	7	23	48	25	11	1	1	0	81
	41-70 AVERAGE	0	0	0	0	3	24	102	76	17	0	0	0	222
	STD DEV	0	0	0	0	4	19	33	34	13	0	1	0	62
	51-80 AVERAGE	0	0	0	0	3	31	100	75	18	0	0	0	227
	STD DEV	0	0	0	0	4	21	32	43	13	0	0	0	59
	61-90 AVERAGE	0	0	0	0	3	38	101	82	18	0	0	0	243
	STD DEV	0	0	1	0	3	30	34	47	16	0	0	0	67
MT-05 South Central 	71-00 AVERAGE	0	0	0	0	3	36	96	84	19	0	0	0	239
	STD DEV	0	0	1	0	3	27	41	46	15	0	0	0	70
	31-00 AVERAGE	0	0	0	0	8	55	158	121	27	1	0	0	370
	STD DEV	0	0	1	1	9	35	55	46	18	1	0	0	100
	31-60 AVERAGE	0	0	0	0	10	54	175	124	28	1	0	0	392
	STD DEV	0	0	0	1	13	35	59	31	15	1	1	0	107
	41-70 AVERAGE	0	0	0	0	6	43	154	118	25	1	0	0	347
	STD DEV	0	0	0	1	7	26	44	38	17	1	1	0	75
	51-80 AVERAGE	0	0	0	0	6	51	151	111	25	1	0	0	346
	STD DEV	0	0	0	1	6	28	44	49	17	1	0	0	68
MT-06 Northeastern 	61-90 AVERAGE	0	0	0	0	6	58	151	117	25	0	0	0	359
	STD DEV	0	0	1	1	5	38	42	55	20	1	0	0	80
	71-00 AVERAGE	0	0	0	0	7	59	143	120	26	0	0	0	356
	STD DEV	0	0	1	1	5	36	50	56	19	1	0	0	92
	31-00 AVERAGE	0	0	0	1	19	92	191	157	33	0	0	0	494
	STD DEV	0	0	2	2	16	51	64	59	22	1	0	0	126
	31-60 AVERAGE	0	0	0	1	20	83	203	147	32	1	0	0	488
	STD DEV	0	0	1	2	19	43	71	36	20	2	1	0	131
	41-70 AVERAGE	0	0	0	1	14	73	179	146	29	0	0	0	443
	STD DEV	0	0	1	2	11	39	48	46	20	1	1	0	94
MT-07 Southeastern 	51-80 AVERAGE	0	0	0	1	16	87	180	145	30	0	0	0	460
	STD DEV	0	0	0	2	12	39	51	60	19	1	0	0	84
	61-90 AVERAGE	0	0	1	1	19	103	191	160	32	0	0	0	508
	STD DEV	0	0	2	3	16	60	51	74	22	1	0	0	116
	71-00 AVERAGE	0	0	1	1	21	105	180	166	34	0	0	0	508
	STD DEV	0	0	2	3	15	56	60	75	23	1	0	0	125
	31-00 AVERAGE	0	0	0	1	20	98	231	184	44	1	0	0	579
	STD DEV	0	0	1	2	17	54	72	59	27	3	0	0	142
	31-60 AVERAGE	0	0	0	1	23	94	251	188	46	2	0	0	604
	STD DEV	0	1	0	2	22	52	79	42	26	3	0	0	153
NE-01 Panhandle 	41-70 AVERAGE	0	0	0	1	16	81	222	181	39	1	0	0	541
	STD DEV	0	1	0	2	12	42	60	52	24	2	0	0	109
	51-80 AVERAGE	0	0	0	1	17	94	222	172	40	1	0	0	547
	STD DEV	0	1	0	1	12	40	63	60	24	2	0	0	93
	61-90 AVERAGE	0	0	0	1	18	104	225	177	40	1	0	0	565
	STD DEV	0	0	1	2	14	61	56	70	26	2	0	0	122
	71-00 AVERAGE	0	0	0	1	19	104	212	181	42	1	0	0	559
	STD DEV	0	0	1	2	14	59	65	72	27	1	0	0	136
	31-00 AVERAGE	0	0	0	1	22	118	256	203	55	2	0	0	657
	STD DEV	0	0	0	2	17	51	65	57	29	4	0	0	133
NE-02 North Central 	31-60 AVERAGE	0	0	0	1	24	126	279	222	62	4	0	0	718
	STD DEV	0	1	0	2	22	60	70	51	28	4	0	0	143
	41-70 AVERAGE	0	0	0	2	20	107	250	206	51	3	0	0	637
	STD DEV	0	1	0	2	14	51	58	53	27	4	0	0	120
	51-80 AVERAGE	0	0	0	1	19	119	246	189	51	2	0	0	628
	STD DEV	0	1	0	2	12	50	63	52	27	3	0	0	114
	61-90 AVERAGE	0	0	0	1	19	114	246	184	47	2	0	0	613
	STD DEV	0	0	0	2	11	44	54	55	27	3	0	0	92
	71-00 AVERAGE	0	0	0	1	20	116	235	190	51	1	0	0	613
	STD DEV	0	0	0	2	13	44	54	57	27	1	0	0	98
NE-02 North Central 	31-00 AVERAGE	0	0	0	2	39	153	298	237	68	5	0	0	802
	STD DEV	0	1	1	3	26	60	77	66	34	7	0	0	160
	31-60 AVERAGE	0	0	0	2	41	160	323	258	77	6	0	0	869
	STD DEV	0	2	1	3	33	71	88	66	35	8	0	0	182
	41-70 AVERAGE	0	0	0	3	37	142	288	240	63	6	0	0	778
	STD DEV	0	2	1	4	22	56	68	60	30	8	0	0	140
	51-80 AVERAGE	0	0	0	2	37	154	292	229	64	5	0	0	783
	STD DEV	0	2	0	3	20	54	71	56	30	6	0	0	129
	61-90 AVERAGE	0	0	0	2	38	154	291	221	59	3	0	0	768
	STD DEV	0	0	1	3	21	51	58	60	30	6	0	0	102
NE-02 North Central 	71-00 AVERAGE	0	0	0	2	36	150	275	222	62	2	0	0	750
	STD DEV	0	0	1	3	20	52	63	64	32	2	0	0	123



Section 4:

Cooling Degree Days

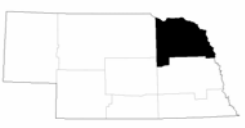
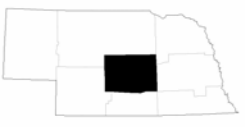
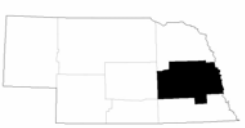
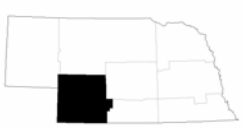
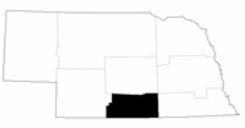
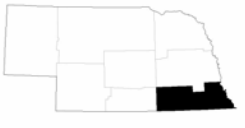
Divisional Normals, 1971-2000 (and previous periods)

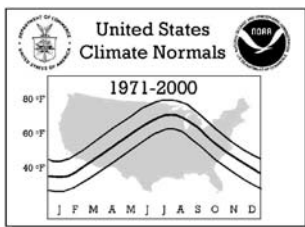
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Nebraska

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
NE-03 Northeast 	31-00 AVERAGE	0	0	1	5	70	203	338	273	87	10	0	0	988
	STD DEV	0	1	2	6	42	69	86	78	43	11	0	0	201
	31-60 AVERAGE	0	0	1	6	72	213	367	303	102	12	0	0	1077
	STD DEV	0	1	3	7	51	83	101	85	48	13	0	0	235
	41-70 AVERAGE	0	0	1	6	65	190	325	276	78	11	0	0	951
	STD DEV	0	1	3	7	34	66	69	71	34	13	0	0	163
	51-80 AVERAGE	0	0	1	5	68	202	332	266	79	9	0	0	962
	STD DEV	0	1	1	6	32	63	74	60	34	11	0	0	145
	61-90 AVERAGE	0	0	1	6	70	202	331	254	75	7	0	0	946
	STD DEV	0	0	2	6	36	56	57	64	33	10	0	0	121
2503 NE-05 Central 	71-00 AVERAGE	0	0	1	5	67	197	312	254	81	6	0	0	923
	STD DEV	0	0	1	7	34	57	69	70	35	4	0	0	148
	31-00 AVERAGE	0	0	0	4	57	193	333	274	89	9	0	0	958
	STD DEV	0	1	1	5	34	69	84	74	42	11	0	0	201
	31-60 AVERAGE	0	0	0	4	61	209	368	312	106	12	0	0	1074
	STD DEV	0	1	2	6	41	82	96	68	46	13	0	0	208
	41-70 AVERAGE	0	0	0	5	56	186	327	285	85	10	0	0	954
	STD DEV	0	1	1	6	31	68	73	65	36	11	0	0	168
	51-80 AVERAGE	0	0	0	4	57	196	328	270	85	9	0	0	947
	STD DEV	0	1	0	4	29	66	77	60	37	9	0	0	163
2505 NE-06 East Central 	61-90 AVERAGE	0	0	0	4	56	188	318	247	76	7	0	0	894
	STD DEV	0	0	1	5	29	55	59	63	33	8	0	0	127
	71-00 AVERAGE	0	0	0	3	51	182	301	245	79	5	0	0	866
	STD DEV	0	0	1	4	26	56	64	69	35	3	0	0	146
	31-00 AVERAGE	0	0	2	7	85	232	375	306	110	17	0	0	1135
	STD DEV	0	1	4	7	45	72	88	82	49	18	0	0	211
	31-60 AVERAGE	0	0	2	7	85	240	403	337	129	23	0	0	1226
	STD DEV	0	2	5	8	51	87	105	86	55	23	0	0	244
	41-70 AVERAGE	0	0	2	8	82	218	361	309	100	20	0	0	1100
	STD DEV	0	2	4	8	42	72	74	71	42	21	0	0	179
2506 NE-07 Southwest 	51-80 AVERAGE	0	0	1	7	85	232	367	299	101	16	0	0	1108
	STD DEV	0	2	2	7	39	69	80	60	41	17	0	0	162
	61-90 AVERAGE	0	0	2	8	87	232	367	286	96	13	0	0	1090
	STD DEV	0	0	3	7	42	60	62	72	37	14	0	0	139
	71-00 AVERAGE	0	0	2	6	82	230	350	286	103	12	0	0	1071
	STD DEV	0	0	3	7	38	61	70	79	40	6	0	0	157
	31-00 AVERAGE	0	0	0	3	49	190	348	289	96	8	0	0	983
	STD DEV	0	1	1	5	30	68	82	73	43	9	0	0	200
	31-60 AVERAGE	0	0	0	4	54	206	380	322	113	11	0	0	1091
	STD DEV	0	1	0	5	36	80	92	69	43	10	0	0	211
2507 NE-08 South Central 	41-70 AVERAGE	0	0	0	4	48	179	335	294	93	9	0	0	962
	STD DEV	0	1	0	5	26	70	71	66	39	10	0	0	172
	51-80 AVERAGE	0	0	0	3	46	189	337	279	90	7	0	0	951
	STD DEV	0	1	0	4	24	68	75	60	40	8	0	0	173
	61-90 AVERAGE	0	0	0	3	45	182	333	264	82	6	0	0	914
	STD DEV	0	0	1	4	24	57	59	60	36	7	0	0	136
	71-00 AVERAGE	0	0	0	2	42	181	319	265	86	5	0	0	901
	STD DEV	0	0	1	3	22	55	63	67	38	3	0	0	142
	31-00 AVERAGE	0	0	2	6	71	236	388	327	122	17	0	0	1169
	STD DEV	0	1	3	7	38	77	90	83	53	17	0	0	234
2508 NE-09 Southeast 	31-60 AVERAGE	0	0	2	7	75	253	423	370	147	23	0	0	1300
	STD DEV	0	2	4	8	44	92	106	80	59	21	0	0	251
	41-70 AVERAGE	0	0	1	7	70	224	373	332	117	18	0	0	1144
	STD DEV	0	2	3	8	36	77	76	71	46	18	0	0	189
	51-80 AVERAGE	0	0	1	6	72	238	381	318	114	16	0	0	1145
	STD DEV	0	2	2	6	34	73	80	63	45	14	0	0	185
	61-90 AVERAGE	0	0	1	6	69	230	373	297	103	12	0	0	1091
	STD DEV	0	0	2	6	35	61	62	69	36	12	0	0	150
	71-00 AVERAGE	0	0	1	4	63	226	358	297	108	11	0	0	1069
	STD DEV	0	1	2	5	29	63	66	76	39	6	0	0	158
2509	31-00 AVERAGE	0	0	3	7	84	241	391	329	124	21	0	0	1201
	STD DEV	0	2	5	8	44	73	89	84	52	21	0	0	215
	31-60 AVERAGE	0	0	2	7	82	249	413	359	141	27	0	0	1281
	STD DEV	0	2	5	8	46	88	107	89	59	25	0	0	248
	41-70 AVERAGE	0	0	2	9	84	227	371	331	114	24	0	0	1162
	STD DEV	0	2	5	8	44	73	76	75	46	24	0	0	186
	51-80 AVERAGE	0	1	2	8	88	242	384	324	116	21	0	0	1185
	STD DEV	0	2	4	8	41	71	83	60	44	19	0	0	175
	61-90 AVERAGE	0	0	3	9	88	240	385	307	111	17	0	0	1160
	STD DEV	0	1	4	8	44	61	66	73	40	17	0	0	152
2509	71-00 AVERAGE	0	1	3	7	82	240	371	311	118	16	0	0	1148
	STD DEV	0	1	4	8	37	61	70	80	45	8	0	0	168



Section 4:

Cooling Degree Days








Divisional Normals, 1971-2000 (and previous periods)

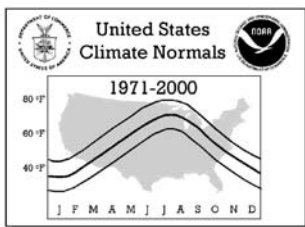
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

New Jersey – New Mexico

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
NJ-01 Northern 	31-00 AVERAGE	0	0	0	0	31	128	258	204	60	7	0	0	690
	STD DEV	0	0	0	1	19	41	52	51	29	7	0	0	117
	31-60 AVERAGE	0	0	0	1	34	138	269	213	65	9	0	0	730
	STD DEV	0	0	1	2	19	41	50	56	28	8	0	0	118
	41-70 AVERAGE	0	0	0	1	31	133	257	201	64	9	0	0	696
	STD DEV	0	0	1	1	20	41	55	50	33	8	0	0	120
	51-80 AVERAGE	0	0	0	0	28	123	248	203	61	7	0	0	669
	STD DEV	0	0	0	1	18	43	53	44	33	7	0	0	108
	61-90 AVERAGE	0	0	0	0	27	117	245	197	56	6	0	0	649
	STD DEV	0	0	0	0	17	40	41	44	33	7	0	0	88
2801 NJ-02 Southern 	71-00 AVERAGE	0	0	0	0	29	121	255	200	53	6	0	0	664
	STD DEV	0	0	0	1	18	43	55	49	22	6	0	0	116
	31-00 AVERAGE	0	0	0	1	41	168	312	258	97	12	0	0	890
	STD DEV	1	0	1	2	23	43	49	49	36	11	0	0	109
	31-60 AVERAGE	0	0	0	1	42	167	311	253	95	14	0	0	882
	STD DEV	1	0	1	2	23	45	48	53	35	11	0	0	111
	41-70 AVERAGE	0	0	0	1	41	168	306	249	98	14	0	0	877
	STD DEV	1	0	1	2	24	42	49	47	41	11	0	0	113
	51-80 AVERAGE	0	0	0	1	38	162	304	264	102	12	0	0	883
	STD DEV	0	0	0	2	22	42	48	45	41	11	0	0	104
2802 NJ-03 Coastal 	61-90 AVERAGE	0	0	0	1	39	166	307	265	98	12	0	0	888
	STD DEV	0	0	0	1	20	42	42	46	41	11	0	0	97
	71-00 AVERAGE	0	0	0	1	40	170	320	266	98	11	0	0	907
	STD DEV	0	0	0	1	23	48	53	49	29	12	0	0	110
	31-00 AVERAGE	0	0	0	0	21	141	295	267	113	18	0	0	854
	STD DEV	0	0	0	0	14	39	47	46	38	13	0	0	118
	31-60 AVERAGE	0	0	0	0	20	142	292	261	110	19	0	0	843
	STD DEV	0	0	0	0	11	41	48	50	35	14	0	0	116
	41-70 AVERAGE	0	0	0	0	21	146	294	263	116	22	0	0	861
	STD DEV	0	0	0	0	13	38	49	45	41	13	0	0	116
2803 NM-01 Northwest Plateau 	51-80 AVERAGE	0	0	0	0	20	135	291	272	117	18	0	0	853
	STD DEV	0	0	0	0	13	38	46	42	41	13	0	0	115
	61-90 AVERAGE	0	0	0	0	20	134	292	270	112	16	0	0	844
	STD DEV	0	0	0	0	13	37	40	38	41	12	1	0	103
	71-00 AVERAGE	0	0	0	0	21	139	300	272	114	16	0	0	862
	STD DEV	0	0	0	0	16	43	47	46	34	13	1	0	125
	31-00 AVERAGE	0	0	0	0	11	85	202	146	35	1	0	0	480
	STD DEV	0	0	0	1	10	36	38	37	19	2	0	0	90
	31-60 AVERAGE	0	0	0	0	11	89	207	150	39	2	0	0	498
	STD DEV	0	0	0	1	10	38	36	31	18	3	0	0	84
2901 NM-02 Northern Mountains 	41-70 AVERAGE	0	0	0	0	12	86	212	151	37	2	0	0	499
	STD DEV	0	0	0	1	9	41	40	37	18	3	0	0	94
	51-80 AVERAGE	0	0	0	0	11	91	212	142	34	1	0	0	492
	STD DEV	0	0	0	1	10	38	40	40	18	2	0	0	101
	61-90 AVERAGE	0	0	0	0	10	84	200	136	29	1	0	0	459
	STD DEV	0	0	0	1	9	34	39	37	16	2	0	0	83
	71-00 AVERAGE	0	0	0	0	10	85	190	140	32	1	0	0	459
	STD DEV	0	0	0	1	9	35	37	41	20	1	0	0	92
	31-00 AVERAGE	0	0	0	0	1	32	78	50	6	0	0	0	166
	STD DEV	0	0	0	0	3	20	29	22	6	0	0	0	51
2902 NM-03 Northeast Plains 	31-60 AVERAGE	0	0	0	0	1	31	69	48	6	0	0	0	155
	STD DEV	0	0	0	0	2	19	25	19	4	0	0	0	43
	41-70 AVERAGE	0	0	0	0	1	30	80	50	6	0	0	0	167
	STD DEV	0	0	0	0	2	19	33	20	4	0	0	0	48
	51-80 AVERAGE	0	0	0	0	1	35	87	47	5	0	0	0	175
	STD DEV	0	0	0	0	2	19	35	20	4	0	0	0	52
	61-90 AVERAGE	0	0	0	0	1	32	86	48	5	0	0	0	172
	STD DEV	0	0	0	0	2	20	31	22	5	0	0	0	48
	71-00 AVERAGE	0	0	0	0	2	35	79	51	7	0	0	0	175
	STD DEV	0	0	0	0	4	22	27	24	7	0	0	0	58
2903 NM-03 Northeast Plains 	31-00 AVERAGE	0	0	0	7	54	218	328	277	104	9	0	0	998
	STD DEV	0	0	1	7	30	60	57	55	40	10	0	0	156
	31-60 AVERAGE	0	0	0	7	52	230	335	296	116	12	0	0	1046
	STD DEV	0	0	0	9	25	60	57	55	38	12	0	0	152
	41-70 AVERAGE	0	0	0	8	54	219	330	286	106	11	0	0	1014
	STD DEV	0	0	1	9	22	62	60	52	34	12	1	0	155
	51-80 AVERAGE	0	0	0	6	54	227	334	274	100	9	0	0	1005
	STD DEV	0	0	1	6	28	63	67	52	36	8	0	0	163
	61-90 AVERAGE	0	0	1	7	50	206	323	257	89	7	0	0	941
	STD DEV	0	0	1	6	25	61	61	49	32	7	0	0	134
	71-00 AVERAGE	0	0	0	6	55	215	317	262	97	7	0	0	960
	STD DEV	0	0	1	6	38	65	54	52	43	5	0	0	159



Section 4:

Cooling Degree Days








Divisional Normals, 1971-2000 (and previous periods)

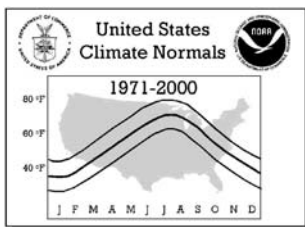
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

New Mexico – New York

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
NM-04 Southwestern Mountains 	31-00 AVERAGE	0	0	0	0	6	69	132	85	16	0	0	0	309
	STD DEV	0	0	0	0	6	31	33	29	11	1	0	0	71
	31-60 AVERAGE	0	0	0	0	6	74	133	87	18	0	0	0	319
	STD DEV	0	0	0	0	5	25	34	29	10	1	0	0	65
	41-70 AVERAGE	0	0	0	0	5	65	135	85	17	0	0	0	308
	STD DEV	0	0	0	0	4	29	35	31	10	1	0	0	67
	51-80 AVERAGE	0	0	0	0	4	67	138	80	15	0	0	0	303
	STD DEV	0	0	0	0	4	30	38	29	9	0	0	0	71
	61-90 AVERAGE	0	0	0	0	5	65	132	78	14	0	0	0	294
	STD DEV	0	0	0	0	5	32	33	27	10	0	0	0	60
2904 NM-05 Central Valley 	71-00 AVERAGE	0	0	0	0	7	72	130	84	17	0	0	0	310
	STD DEV	0	0	0	0	8	36	34	29	12	0	0	0	80
	31-00 AVERAGE	0	0	0	10	65	251	372	309	124	9	0	0	1140
	STD DEV	0	0	1	9	32	53	45	46	39	8	0	0	145
	31-60 AVERAGE	0	0	0	11	65	262	377	322	136	11	0	0	1185
	STD DEV	0	0	0	10	26	51	44	41	35	10	0	0	133
	41-70 AVERAGE	0	0	0	11	64	249	379	315	129	10	0	0	1157
	STD DEV	0	0	0	10	23	56	44	43	37	10	0	0	139
	51-80 AVERAGE	0	0	0	8	59	254	378	301	119	9	0	0	1127
	STD DEV	0	0	1	8	27	56	50	47	36	7	0	0	150
2905 NM-06 Central Highlands 	61-90 AVERAGE	0	0	0	9	60	242	369	292	110	8	0	0	1089
	STD DEV	0	0	1	8	32	52	48	47	36	6	0	0	134
	71-00 AVERAGE	0	0	0	8	65	251	362	299	118	7	0	0	1112
	STD DEV	0	0	1	8	40	57	47	49	43	6	0	0	158
	31-00 AVERAGE	0	0	0	0	9	70	113	76	18	0	0	0	287
	STD DEV	0	0	0	1	9	31	35	29	13	1	0	0	76
	31-60 AVERAGE	0	0	0	0	8	71	109	81	20	1	0	0	290
	STD DEV	0	0	0	1	5	22	33	28	10	2	0	0	63
	41-70 AVERAGE	0	0	0	0	8	65	115	79	18	0	0	0	285
	STD DEV	0	0	0	1	5	27	36	30	10	2	0	0	67
2906 NM-07 Southeast Plains 	51-80 AVERAGE	0	0	0	0	7	67	115	68	14	0	0	0	272
	STD DEV	0	0	0	0	6	32	43	29	9	0	0	0	78
	61-90 AVERAGE	0	0	0	0	8	66	114	67	13	0	0	0	266
	STD DEV	0	0	0	0	7	36	37	27	10	0	0	0	71
	71-00 AVERAGE	0	0	0	0	11	77	114	74	18	0	0	0	294
	STD DEV	0	0	0	1	13	37	38	28	16	1	0	0	91
	31-00 AVERAGE	0	0	2	22	119	312	396	352	164	27	1	0	1395
	STD DEV	0	0	3	15	47	60	57	54	48	16	1	0	177
	31-60 AVERAGE	0	0	1	19	109	319	389	364	172	30	1	0	1404
	STD DEV	0	1	2	16	33	55	50	47	44	20	1	0	155
2907 NM-08 Southern Desert 	41-70 AVERAGE	0	0	1	23	117	315	399	363	168	27	1	0	1415
	STD DEV	0	1	3	18	29	54	60	50	33	19	1	0	155
	51-80 AVERAGE	0	0	2	22	116	318	402	346	161	25	1	0	1392
	STD DEV	0	1	4	16	37	59	69	59	46	15	1	0	186
	61-90 AVERAGE	0	0	3	23	115	299	392	332	148	22	1	0	1335
	STD DEV	0	0	4	16	39	60	63	58	44	13	1	0	166
	71-00 AVERAGE	0	0	2	21	127	313	397	343	158	24	1	0	1386
	STD DEV	0	0	3	14	61	71	61	60	58	12	1	0	212
	31-00 AVERAGE	0	0	1	18	110	324	426	361	187	31	0	0	1457
	STD DEV	0	1	1	15	42	58	47	51	48	17	0	0	174
2908 NY-01 Western Plateau 	31-60 AVERAGE	0	0	1	21	118	346	441	384	210	40	0	0	1559
	STD DEV	0	1	1	17	40	48	44	41	43	20	0	0	148
	41-70 AVERAGE	0	0	0	20	109	323	435	371	193	32	0	0	1485
	STD DEV	0	1	1	15	31	57	43	48	41	19	0	0	155
	51-80 AVERAGE	0	0	1	15	97	321	427	350	177	27	0	0	1416
	STD DEV	0	1	1	12	33	59	52	50	43	15	0	0	159
	61-90 AVERAGE	0	0	1	16	95	305	412	334	162	23	0	0	1348
	STD DEV	0	0	2	13	33	55	47	50	36	13	0	0	105
	71-00 AVERAGE	0	0	1	16	106	317	410	341	172	25	0	0	1388
	STD DEV	0	0	1	14	49	64	47	51	49	13	0	0	166
3001 NY-01 Western Plateau 	31-00 AVERAGE	0	0	0	0	15	53	110	89	18	2	0	0	286
	STD DEV	0	0	0	0	13	29	41	40	14	3	0	0	85
	31-60 AVERAGE	0	0	0	0	17	62	126	102	22	2	0	0	331
	STD DEV	0	0	0	0	14	33	46	47	14	3	0	0	94
	41-70 AVERAGE	0	0	0	0	16	58	115	91	20	3	0	0	301
	STD DEV	0	0	0	0	15	32	47	45	15	4	0	0	97
	51-80 AVERAGE	0	0	0	0	13	49	104	86	19	2	0	0	273
	STD DEV	0	0	0	0	11	27	41	36	16	3	0	0	76
	61-90 AVERAGE	0	0	0	0	12	42	96	78	16	1	0	0	245
	STD DEV	0	0	0	0	10	23	27	28	15	3	0	0	49
	71-00 AVERAGE	0	0	0	0	13	45	99	81	14	1	0	0	253
	STD DEV	0	0	0	0	12	24	34	32	9	2	0	0	66



Section 4:

Cooling Degree Days








Divisional Normals, 1971-2000 (and previous periods)

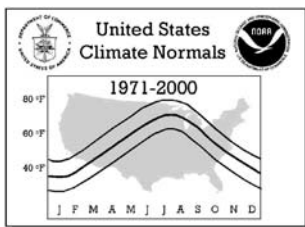
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

New York

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
NY-02 Eastern Plateau 	31-00 AVERAGE	0	0	0	0	12	56	128	97	18	1	0	0	313
	STD DEV	0	0	0	0	10	29	43	41	15	2	0	0	88
	31-60 AVERAGE	0	0	0	0	13	65	144	108	22	2	0	0	355
	STD DEV	0	0	0	1	11	32	46	50	15	3	0	0	98
	41-70 AVERAGE	0	0	0	0	12	61	131	96	21	2	0	0	322
	STD DEV	0	0	0	1	11	34	45	41	18	3	0	0	94
	51-80 AVERAGE	0	0	0	0	11	52	120	93	19	2	0	0	297
	STD DEV	0	0	0	0	9	28	42	37	18	3	0	0	79
	61-90 AVERAGE	0	0	0	0	11	46	115	88	16	1	0	0	277
	STD DEV	0	0	0	0	9	25	31	30	17	3	0	0	54
NY-03 Northern Plateau 	71-00 AVERAGE	0	0	0	0	12	47	116	91	14	1	0	0	281
	STD DEV	0	0	0	0	10	25	38	33	9	2	0	0	69
	31-00 AVERAGE	0	0	0	0	5	21	61	46	6	0	0	0	138
	STD DEV	0	0	0	0	5	16	27	28	7	1	0	0	53
	31-60 AVERAGE	0	0	0	0	4	23	66	50	6	0	0	0	149
	STD DEV	0	0	0	0	5	17	30	33	5	1	0	0	62
	41-70 AVERAGE	0	0	0	0	4	24	62	44	7	0	0	0	142
	STD DEV	0	0	0	0	5	19	29	29	9	1	0	0	60
	51-80 AVERAGE	0	0	0	0	4	21	58	43	6	0	0	0	133
	STD DEV	0	0	0	0	5	16	29	27	10	1	0	0	53
NY-04 Coastal 	61-90 AVERAGE	0	0	0	0	4	18	58	42	5	0	0	0	128
	STD DEV	0	0	0	0	5	15	22	22	9	1	0	0	39
	71-00 AVERAGE	0	0	0	0	5	19	58	44	4	0	0	0	130
	STD DEV	0	0	0	0	5	14	25	23	4	1	0	0	47
	31-00 AVERAGE	0	0	0	0	26	134	285	247	86	11	0	0	788
	STD DEV	0	0	0	1	16	39	51	50	34	9	0	0	118
	31-60 AVERAGE	0	0	0	0	24	128	276	236	82	12	0	0	758
	STD DEV	0	0	0	1	14	42	48	54	32	9	0	0	117
	41-70 AVERAGE	0	0	0	0	25	136	280	238	88	13	0	0	780
	STD DEV	0	0	0	1	17	40	50	50	39	9	0	0	121
NY-05 Hudson Valley 	51-80 AVERAGE	0	0	0	0	26	134	286	255	91	11	0	0	805
	STD DEV	0	0	0	1	16	39	48	48	40	10	0	0	112
	61-90 AVERAGE	0	0	0	0	26	134	286	256	88	10	0	0	802
	STD DEV	0	0	0	0	16	35	41	46	39	10	0	0	96
	71-00 AVERAGE	0	0	0	0	28	138	296	259	87	10	0	0	818
	STD DEV	0	0	0	1	17	41	54	45	29	10	0	0	117
	31-00 AVERAGE	0	0	0	0	22	97	205	156	35	3	0	0	518
	STD DEV	0	0	0	1	15	36	49	47	21	3	0	0	106
	31-60 AVERAGE	0	0	0	0	23	105	218	166	38	3	0	0	555
	STD DEV	0	0	0	1	15	40	52	54	19	3	0	0	117
NY-06 Mohawk Valley 	41-70 AVERAGE	0	0	0	1	21	101	205	154	39	4	0	0	524
	STD DEV	0	0	0	1	16	40	53	47	26	4	0	0	112
	51-80 AVERAGE	0	0	0	0	20	93	199	153	36	3	0	0	505
	STD DEV	0	0	0	1	15	35	49	45	26	4	0	0	97
	61-90 AVERAGE	0	0	0	0	20	88	197	148	34	2	0	0	490
	STD DEV	0	0	0	0	14	33	38	40	25	4	0	0	78
	71-00 AVERAGE	0	0	0	0	21	88	196	150	30	2	0	0	486
	STD DEV	0	0	0	1	15	34	46	42	15	4	0	0	94
	31-00 AVERAGE	0	0	0	0	17	70	150	115	23	1	0	0	376
	STD DEV	0	0	0	1	13	33	46	44	17	2	0	0	100
NY-07 Champlain Valley 	31-60 AVERAGE	0	0	0	0	16	75	159	122	25	1	0	0	397
	STD DEV	0	0	0	1	11	33	49	51	16	2	0	0	110
	41-70 AVERAGE	0	0	0	0	14	71	147	111	25	2	0	0	369
	STD DEV	0	0	0	1	11	37	48	47	19	3	0	0	105
	51-80 AVERAGE	0	0	0	0	15	65	140	110	23	1	0	0	355
	STD DEV	0	0	0	0	12	32	43	43	19	2	0	0	89
	61-90 AVERAGE	0	0	0	0	16	61	144	108	21	1	0	0	352
	STD DEV	0	0	0	0	12	33	35	37	17	2	0	0	72
	71-00 AVERAGE	0	0	0	0	20	66	147	114	20	1	0	0	368
	STD DEV	0	0	0	0	16	33	44	38	15	2	0	0	97
NY-07 Champlain Valley 	31-00 AVERAGE	0	0	0	0	14	64	154	109	19	1	0	0	361
	STD DEV	0	0	0	0	12	30	45	43	16	2	0	0	94
	31-60 AVERAGE	0	0	0	0	14	63	156	115	21	1	0	0	369
	STD DEV	0	0	0	0	13	29	49	49	13	2	0	0	104
	41-70 AVERAGE	0	0	0	0	14	67	155	109	22	1	0	0	368
	STD DEV	0	0	0	0	14	30	49	45	20	2	0	0	102
	51-80 AVERAGE	0	0	0	0	14	64	154	107	20	1	0	0	360
	STD DEV	0	0	0	0	12	26	50	43	20	2	0	0	95
	61-90 AVERAGE	0	0	0	0	14	59	151	103	17	1	0	0	344
	STD DEV	0	0	0	0	11	25	36	39	19	2	0	0	71
3007	71-00 AVERAGE	0	0	0	0	16	65	158	110	17	0	0	0	367
	STD DEV	0	0	0	0	13	33	42	38	13	1	0	0	91



Section 4:

Cooling Degree Days




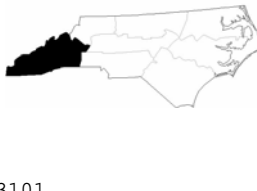
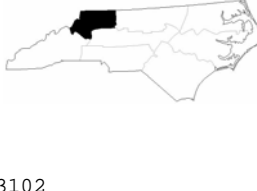
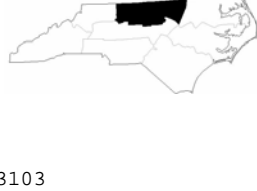
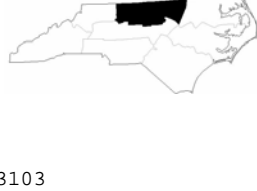
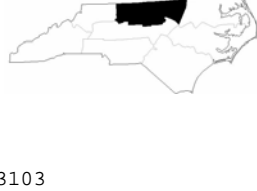
Divisional Normals, 1971-2000 (and previous periods)

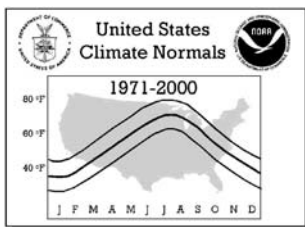
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

New York – North Carolina

Page 43

Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
NY-08 St. Lawrence Valley 	31-00 AVERAGE	0	0	0	0	11	57	142	105	19	1	0	0	335
	STD DEV	0	0	0	0	10	28	43	43	15	2	0	0	90
	31-60 AVERAGE	0	0	0	0	11	62	152	117	23	1	0	0	366
	STD DEV	0	0	0	0	9	29	47	50	13	2	0	0	100
	41-70 AVERAGE	0	0	0	0	11	61	145	107	23	2	0	0	349
	STD DEV	0	0	0	0	10	30	48	46	18	3	0	0	100
	51-80 AVERAGE	0	0	0	0	11	56	137	102	21	1	0	0	328
	STD DEV	0	0	0	0	11	26	47	42	18	2	0	0	94
	61-90 AVERAGE	0	0	0	0	11	48	133	94	17	1	0	0	304
	STD DEV	0	0	0	0	10	24	35	36	17	2	0	0	67
NY-09 Great Lakes 	71-00 AVERAGE	0	0	0	0	13	54	136	98	15	1	0	0	315
	STD DEV	0	0	0	0	11	29	39	36	11	2	0	0	82
	31-00 AVERAGE	0	0	0	0	19	80	174	139	34	4	0	0	449
	STD DEV	0	0	0	1	15	35	49	48	21	5	0	0	104
	31-60 AVERAGE	0	0	0	0	18	87	187	153	40	5	0	0	489
	STD DEV	0	0	0	1	13	35	52	55	22	6	0	0	113
	41-70 AVERAGE	0	0	0	0	17	83	170	137	38	5	0	0	450
	STD DEV	0	0	0	1	15	39	52	54	25	6	0	0	115
	51-80 AVERAGE	0	0	0	0	17	74	163	130	34	4	0	0	423
	STD DEV	0	0	0	1	14	34	49	48	25	5	0	0	101
NY-10 Central Lakes 	61-90 AVERAGE	0	0	0	0	18	69	163	125	30	3	0	0	408
	STD DEV	0	0	0	0	14	32	39	38	22	5	0	0	69
	71-00 AVERAGE	0	0	0	0	21	76	168	132	27	3	0	0	427
	STD DEV	0	0	0	0	17	33	45	42	14	5	0	0	96
	31-00 AVERAGE	0	0	0	0	22	85	173	136	38	5	0	0	460
	STD DEV	0	0	0	1	17	38	53	51	24	6	0	0	124
	31-60 AVERAGE	0	0	0	0	24	101	200	161	47	6	0	0	540
	STD DEV	0	0	1	1	16	42	55	60	24	7	0	0	129
	41-70 AVERAGE	0	0	0	0	21	92	180	141	44	6	0	0	484
	STD DEV	0	0	1	1	17	43	57	57	26	7	0	0	135
NC-01 Southern Mountains 	51-80 AVERAGE	0	0	0	0	18	76	160	126	37	4	0	0	421
	STD DEV	0	0	0	1	14	34	52	45	26	5	0	0	110
	61-90 AVERAGE	0	0	0	0	18	68	152	116	31	3	0	0	389
	STD DEV	0	0	0	0	14	30	35	33	23	5	0	0	64
	71-00 AVERAGE	0	0	0	0	22	73	155	120	28	3	0	0	400
	STD DEV	0	0	0	0	17	31	43	36	14	4	0	0	89
	31-00 AVERAGE	1	0	3	4	55	156	242	210	90	13	0	0	775
	STD DEV	4	0	5	4	29	44	45	40	36	12	2	1	113
	31-60 AVERAGE	3	0	3	4	58	171	241	213	95	16	0	0	803
	STD DEV	5	0	6	4	26	46	38	39	35	13	0	1	82
NC-02 Northern Mountains 	41-70 AVERAGE	1	0	3	5	58	158	230	205	84	14	0	0	759
	STD DEV	4	0	6	4	30	49	40	42	35	13	0	1	106
	51-80 AVERAGE	1	0	3	4	53	141	230	210	92	11	0	0	744
	STD DEV	3	0	4	4	30	48	43	39	37	10	0	1	122
	61-90 AVERAGE	1	0	3	3	51	143	233	207	87	12	1	0	740
	STD DEV	3	0	4	4	29	41	48	41	38	14	3	1	124
	71-00 AVERAGE	1	0	4	3	52	150	253	215	90	13	1	0	781
	STD DEV	3	0	4	4	29	41	48	42	34	13	3	1	122
	31-00 AVERAGE	1	0	1	1	34	111	189	156	59	6	0	0	558
	STD DEV	2	0	3	2	22	39	46	41	29	7	1	0	107
NC-03 Northern Piedmont 	31-60 AVERAGE	1	0	1	1	33	115	176	148	58	6	0	0	538
	STD DEV	3	0	4	1	18	42	44	39	30	5	0	0	107
	41-70 AVERAGE	1	0	1	2	36	107	171	146	51	6	0	0	519
	STD DEV	2	0	3	2	23	40	40	39	27	5	0	0	98
	51-80 AVERAGE	0	0	1	2	36	102	181	162	62	5	0	0	551
	STD DEV	1	0	2	2	23	39	39	38	30	6	0	0	102
	61-90 AVERAGE	0	0	2	1	35	110	192	165	62	6	0	0	574
	STD DEV	1	0	2	2	23	38	43	40	30	8	1	0	106
	71-00 AVERAGE	0	0	2	1	33	111	205	165	60	6	0	0	583
	STD DEV	1	0	2	2	22	39	46	44	28	8	1	0	109
NC-03 Northern Piedmont 	31-00 AVERAGE	2	0	8	15	116	279	388	343	177	37	1	0	1367
	STD DEV	5	1	9	11	47	61	53	49	53	24	3	1	171
	31-60 AVERAGE	4	0	9	18	134	312	400	359	197	47	1	1	1482
	STD DEV	6	1	13	13	44	56	52	37	53	26	2	2	135
	41-70 AVERAGE	2	0	8	19	128	284	384	342	178	42	1	0	1389
	STD DEV	5	0	12	13	52	60	50	40	52	27	2	1	162
	51-80 AVERAGE	1	0	6	17	111	253	375	342	175	34	1	0	1314
	STD DEV	3	1	6	12	50	58	47	44	51	21	1	2	159
	61-90 AVERAGE	1	0	7	12	100	251	368	331	162	31	1	0	1265
	STD DEV	3	1	6	9	44	52	49	52	51	22	4	1	133
NC-03 Northern Piedmont 	71-00 AVERAGE	1	0	7	12	98	259	386	334	163	30	1	0	1292
	STD DEV	3	1	6	10	39	56	54	58	44	22	4	1	148



Section 4:

Cooling Degree Days









Divisional Normals, 1971-2000 (and previous periods)

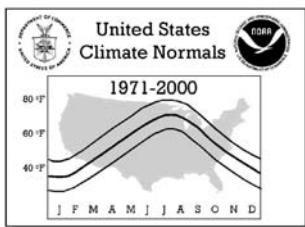
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

North Carolina – North Dakota

Page 44

Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
NC-04 Central Piedmont 	31-00 AVERAGE	2	0	8	16	123	291	398	356	188	42	2	1	1426
	STD DEV	5	1	9	12	47	61	50	48	53	26	3	2	164
	31-60 AVERAGE	4	0	9	19	139	323	408	370	205	51	2	1	1529
	STD DEV	7	1	12	14	44	52	44	37	54	27	2	2	108
	41-70 AVERAGE	2	0	8	21	135	295	389	355	184	45	1	0	1436
	STD DEV	5	0	11	14	52	62	45	43	53	28	2	2	161
	51-80 AVERAGE	1	0	7	17	120	264	381	356	185	36	1	1	1369
	STD DEV	3	1	6	13	52	59	46	45	52	21	1	2	168
	61-90 AVERAGE	1	0	8	13	110	264	379	347	176	36	2	1	1337
	STD DEV	3	1	6	10	44	57	52	51	51	26	4	2	154
3104 NC-05 Southern Piedmont 	71-00 AVERAGE	1	0	8	13	110	273	400	351	179	36	2	1	1374
	STD DEV	3	1	6	10	41	59	55	56	45	25	4	2	158
	31-00 AVERAGE	3	1	12	23	147	321	425	384	213	49	3	1	1583
	STD DEV	7	2	12	15	52	63	53	48	54	29	4	3	173
	31-60 AVERAGE	5	1	13	27	166	358	435	400	232	59	3	1	1700
	STD DEV	9	2	16	17	47	50	46	38	54	29	3	3	101
	41-70 AVERAGE	3	1	12	30	161	329	416	384	213	53	3	1	1605
	STD DEV	8	2	15	16	55	63	46	47	55	29	3	3	161
	51-80 AVERAGE	2	0	10	26	142	293	410	384	213	44	2	1	1528
	STD DEV	5	1	8	16	57	61	49	50	56	25	2	3	181
3105 NC-06 Southern Coastal Plain 	61-90 AVERAGE	2	1	11	20	130	292	407	374	202	44	3	1	1487
	STD DEV	5	2	8	14	49	57	56	54	53	30	6	3	165
	71-00 AVERAGE	2	1	11	19	129	299	425	377	200	43	3	1	1512
	STD DEV	5	2	8	14	45	61	59	54	47	29	6	3	169
	31-00 AVERAGE	11	3	16	30	157	333	445	408	249	69	9	4	1734
	STD DEV	14	4	14	18	48	58	47	41	54	35	11	6	157
	31-60 AVERAGE	16	3	17	33	171	356	445	415	266	79	8	5	1813
	STD DEV	17	4	18	20	47	52	44	35	55	35	7	6	108
	41-70 AVERAGE	10	2	16	35	167	332	431	402	244	73	7	3	1723
	STD DEV	13	3	17	19	51	60	43	39	56	35	6	5	159
3106 NC-07 Central Coastal Plain 	51-80 AVERAGE	8	2	14	32	154	307	425	406	246	63	7	4	1668
	STD DEV	11	3	10	17	52	58	36	40	53	32	5	6	158
	61-90 AVERAGE	6	2	15	26	143	311	429	403	237	62	10	4	1649
	STD DEV	11	4	10	16	40	56	43	45	54	37	14	6	156
	71-00 AVERAGE	8	3	16	28	147	325	455	406	244	62	11	4	1708
	STD DEV	11	4	10	18	46	59	50	45	46	37	14	6	156
	31-00 AVERAGE	8	2	14	24	149	330	446	410	249	70	8	3	1712
	STD DEV	11	3	12	15	48	59	49	41	53	35	9	5	160
	31-60 AVERAGE	11	2	15	27	164	354	451	423	266	78	7	4	1801
	STD DEV	13	3	16	17	47	53	49	36	55	35	6	6	118
3107 NC-08 Northern Coastal Plain 	41-70 AVERAGE	6	1	14	27	157	328	435	407	245	74	6	2	1704
	STD DEV	10	2	15	16	53	61	45	38	56	35	5	4	161
	51-80 AVERAGE	6	1	12	25	142	304	428	411	247	65	6	3	1651
	STD DEV	9	2	9	15	52	59	38	40	52	32	5	6	167
	61-90 AVERAGE	5	1	13	20	135	306	428	403	236	65	9	3	1624
	STD DEV	9	3	9	14	41	57	40	44	53	38	12	5	155
	71-00 AVERAGE	7	2	14	23	139	318	451	403	244	65	9	4	1678
	STD DEV	9	3	9	16	43	59	50	43	43	37	12	6	148
	31-00 AVERAGE	5	1	9	15	125	304	427	386	226	56	6	2	1562
	STD DEV	8	2	9	12	45	60	47	42	53	30	8	4	151
3108 ND_01 Northwest 	31-60 AVERAGE	7	1	10	18	140	328	432	394	239	60	5	2	1635
	STD DEV	11	2	12	14	44	58	43	31	54	29	5	4	109
	41-70 AVERAGE	4	0	9	18	134	304	421	381	222	58	5	2	1559
	STD DEV	8	1	12	13	50	66	45	36	54	29	5	3	164
	51-80 AVERAGE	3	0	7	17	117	278	410	389	225	52	5	2	1504
	STD DEV	5	1	7	13	43	58	38	41	52	28	4	5	150
	61-90 AVERAGE	3	0	8	12	112	281	410	383	216	53	7	2	1487
	STD DEV	6	2	6	10	37	57	42	48	54	34	11	5	152
	71-00 AVERAGE	4	1	8	14	116	294	433	384	223	54	8	3	1542
	STD DEV	6	2	6	11	40	57	50	49	44	33	11	5	145
3201 ND_01 Northwest 	31-00 AVERAGE	0	0	0	1	17	73	153	125	24	1	0	0	395
	STD DEV	0	0	1	3	15	45	56	51	17	2	0	0	105
	31-60 AVERAGE	0	0	0	1	17	64	166	121	24	1	0	0	394
	STD DEV	0	0	0	3	16	37	62	37	17	2	0	0	106
	41-70 AVERAGE	0	0	0	2	11	59	144	122	21	1	0	0	360
	STD DEV	0	0	0	3	8	34	41	46	17	3	0	0	84
	51-80 AVERAGE	0	0	0	2	15	71	147	120	21	1	0	0	376
	STD DEV	0	0	0	3	14	32	49	52	15	3	0	0	72
	61-90 AVERAGE	0	0	0	2	18	83	154	127	22	1	0	0	405
	STD DEV	0	0	1	3	17	52	47	63	16	3	0	0	102
3201 ND_01 Northwest 	71-00 AVERAGE	0	0	0	2	20	82	143	129	23	0	0	0	399
	STD DEV	0	0	1	3	16	51	53	60	16	0	0	0	109



Section 4:

Cooling Degree Days

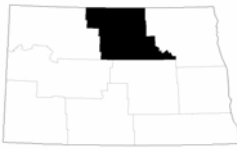
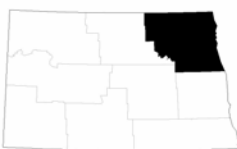
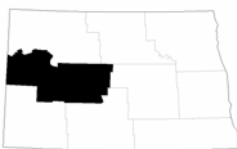
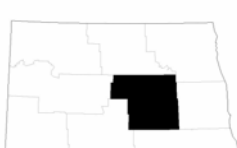
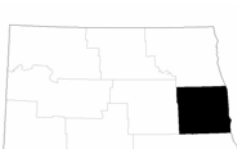
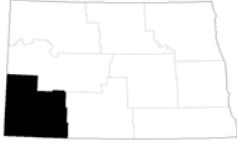
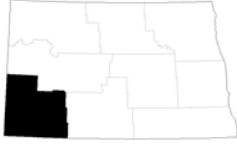
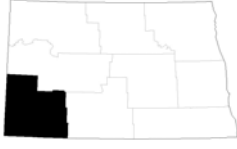
Divisional Normals, 1971-2000 (and previous periods)

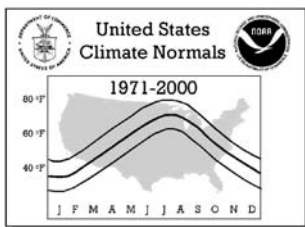
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

North Dakota

Page 45

Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
ND-02 North Central 	31-00 AVERAGE	0	0	0	1	21	72	146	115	19	1	0	0	374
	STD DEV	0	0	0	3	18	43	55	47	14	2	0	0	104
	31-60 AVERAGE	0	0	0	1	20	63	158	114	20	1	0	0	376
	STD DEV	0	0	0	2	18	36	62	37	15	2	0	0	109
	41-70 AVERAGE	0	0	0	1	13	61	138	112	16	1	0	0	341
	STD DEV	0	0	0	2	9	34	41	45	13	3	0	0	86
	51-80 AVERAGE	0	0	0	2	19	71	139	110	16	1	0	0	357
	STD DEV	0	0	0	3	17	31	47	48	12	3	0	0	73
	61-90 AVERAGE	0	0	0	2	21	81	144	116	17	1	0	0	381
	STD DEV	0	0	0	3	20	49	45	57	12	3	0	0	99
3202 ND-03 Northeast 	71-00 AVERAGE	0	0	0	2	25	80	135	116	18	0	0	0	375
	STD DEV	0	0	0	3	19	48	49	52	13	0	0	0	103
	31-00 AVERAGE	0	0	0	2	25	73	140	115	17	1	0	0	372
	STD DEV	0	0	0	3	20	41	52	46	13	2	0	0	102
	31-60 AVERAGE	0	0	0	1	21	63	150	117	17	1	0	0	371
	STD DEV	0	0	0	3	16	35	58	36	14	2	0	0	100
	41-70 AVERAGE	0	0	0	1	16	62	132	114	15	1	0	0	341
	STD DEV	0	0	0	3	10	34	40	44	13	3	0	0	86
	51-80 AVERAGE	0	0	0	2	23	72	133	109	15	1	0	0	355
	STD DEV	0	0	0	4	23	32	44	48	12	3	0	0	76
3203 ND-04 West Central 	61-90 AVERAGE	0	0	0	2	28	80	140	114	16	1	0	0	380
	STD DEV	0	0	0	4	25	43	47	56	11	3	0	0	105
	71-00 AVERAGE	0	0	0	3	32	83	132	113	17	0	0	0	379
	STD DEV	0	0	0	4	24	44	50	52	12	1	0	0	107
	31-00 AVERAGE	0	0	0	2	22	87	180	148	29	1	0	0	469
	STD DEV	0	0	1	3	19	49	64	56	20	3	0	0	124
	31-60 AVERAGE	0	0	0	2	22	79	189	141	28	1	0	0	461
	STD DEV	0	0	1	3	21	44	73	43	20	2	0	0	134
	41-70 AVERAGE	0	0	0	2	15	73	168	143	25	1	0	0	427
	STD DEV	0	0	1	3	10	38	49	50	19	4	0	0	103
3204 ND-05 Central 	51-80 AVERAGE	0	0	0	2	20	85	175	146	26	1	0	0	455
	STD DEV	0	0	0	3	17	36	55	56	17	4	0	0	85
	61-90 AVERAGE	0	0	0	2	23	98	185	154	28	1	0	0	491
	STD DEV	0	0	1	4	20	56	52	67	19	4	0	0	112
	71-00 AVERAGE	0	0	0	2	25	95	172	154	29	0	0	0	478
	STD DEV	0	0	1	4	19	55	58	65	20	1	0	0	121
	31-00 AVERAGE	0	0	0	2	26	87	173	136	24	1	0	0	450
	STD DEV	0	0	0	3	21	46	62	51	17	2	0	0	117
	31-60 AVERAGE	0	0	0	1	23	77	181	134	25	1	0	0	442
	STD DEV	0	0	0	3	21	43	72	43	17	2	0	0	124
3205 ND-06 East Central 	41-70 AVERAGE	0	0	0	1	17	73	158	132	21	1	0	0	404
	STD DEV	0	0	0	3	11	38	45	47	15	3	0	0	95
	51-80 AVERAGE	0	0	0	2	24	86	165	133	22	1	0	0	433
	STD DEV	0	0	0	3	20	37	49	53	15	3	0	0	84
	61-90 AVERAGE	0	0	0	2	28	96	177	137	22	1	0	0	463
	STD DEV	0	0	0	4	23	51	50	60	15	3	0	0	112
	71-00 AVERAGE	0	0	0	2	33	98	168	139	25	0	0	0	465
	STD DEV	0	0	0	4	22	49	56	57	17	1	0	0	116
	31-00 AVERAGE	0	0	0	2	29	90	184	149	24	1	0	0	480
	STD DEV	0	0	0	3	23	44	63	53	17	3	0	0	119
3206 ND-07 Southwest 	31-60 AVERAGE	0	0	0	1	27	84	201	157	27	2	0	0	499
	STD DEV	0	0	1	3	23	42	73	50	19	3	0	0	128
	41-70 AVERAGE	0	0	0	1	20	80	175	151	22	2	0	0	452
	STD DEV	0	0	1	3	12	38	47	50	17	4	0	0	98
	51-80 AVERAGE	0	0	0	2	27	90	177	145	23	1	0	0	465
	STD DEV	0	0	0	4	23	36	50	53	16	4	0	0	87
	61-90 AVERAGE	0	0	0	2	31	94	184	145	22	1	0	0	478
	STD DEV	0	0	0	3	26	44	50	58	15	4	0	0	106
	71-00 AVERAGE	0	0	0	2	35	96	172	141	23	0	0	0	469
	STD DEV	0	0	0	4	25	46	56	55	16	1	0	0	116
3207 ND-07 Southwest 	31-00 AVERAGE	0	0	0	1	21	88	194	157	37	1	0	0	499
	STD DEV	0	0	1	2	19	49	68	57	24	2	0	0	133
	31-60 AVERAGE	0	0	0	1	23	84	213	156	39	1	0	0	518
	STD DEV	0	0	1	2	24	49	78	46	24	2	1	0	151
	41-70 AVERAGE	0	0	0	1	15	72	180	151	33	1	0	0	453
	STD DEV	0	0	1	2	11	37	47	49	21	2	1	0	92
	51-80 AVERAGE	0	0	0	1	18	84	180	148	33	1	0	0	464
	STD DEV	0	0	0	2	14	36	53	57	20	2	0	0	81
	61-90 AVERAGE	0	0	0	1	20	94	190	154	33	1	0	0	493
	STD DEV	0	0	1	2	16	54	50	67	22	2	0	0	110
3207 ND-07 Southwest 	71-00 AVERAGE	0	0	0	1	22	93	181	158	36	0	0	0	492
	STD DEV	0	0	1	2	16	53	60	67	24	1	0	0	123



Section 4:

Cooling Degree Days

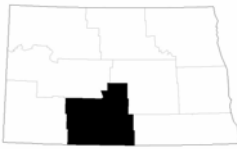
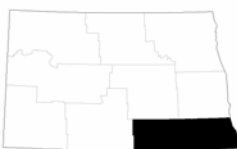






Divisional Normals, 1971-2000 (and previous periods)

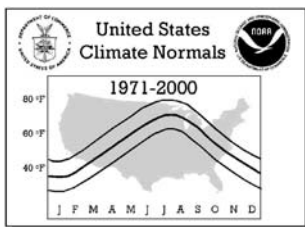
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

North Dakota – Ohio

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
ND-08 South Central 	31-00 AVERAGE	0	0	0	2	28	102	216	169	35	1	0	0	553
	STD DEV	0	0	1	3	23	53	71	58	22	3	0	0	141
	31-60 AVERAGE	0	0	0	2	30	101	238	177	40	2	0	0	590
	STD DEV	0	0	1	3	29	54	82	48	25	3	0	0	156
	41-70 AVERAGE	0	0	0	2	21	90	206	171	32	2	0	0	524
	STD DEV	0	0	1	3	15	43	51	54	23	4	0	0	113
	51-80 AVERAGE	0	0	0	2	24	100	206	165	31	2	0	0	529
	STD DEV	0	0	0	3	17	40	57	62	19	4	0	0	97
	61-90 AVERAGE	0	0	0	2	26	108	213	164	29	1	0	0	543
	STD DEV	0	0	1	3	20	57	52	67	19	3	0	0	115
3208 ND-09 Southeast 	71-00 AVERAGE	0	0	0	2	28	104	198	163	31	0	0	0	527
	STD DEV	0	0	1	3	20	55	61	64	19	1	0	0	123
	31-00 AVERAGE	0	0	0	1	31	100	205	159	31	1	0	0	528
	STD DEV	0	0	0	3	24	48	66	56	20	3	0	0	130
	31-60 AVERAGE	0	0	0	1	30	95	215	164	34	2	0	0	540
	STD DEV	0	0	0	3	27	50	73	54	22	3	0	0	144
	41-70 AVERAGE	0	0	0	1	22	86	187	156	27	1	0	0	481
	STD DEV	0	0	0	3	14	39	50	51	19	3	0	0	104
	51-80 AVERAGE	0	0	0	2	27	97	196	156	28	1	0	0	508
	STD DEV	0	0	0	3	20	38	56	54	18	3	0	0	96
3209 OH-01 Northwest 	61-90 AVERAGE	0	0	0	2	31	105	210	157	28	1	0	0	532
	STD DEV	0	0	0	3	23	48	57	62	18	3	0	0	117
	71-00 AVERAGE	0	0	0	2	36	106	200	157	30	0	0	0	532
	STD DEV	0	0	0	3	23	48	63	60	19	1	0	0	126
	31-00 AVERAGE	0	0	0	2	60	169	261	207	76	12	0	0	788
	STD DEV	0	0	2	3	35	55	60	61	35	12	0	0	147
	31-60 AVERAGE	0	0	1	2	58	179	279	229	86	15	0	0	848
	STD DEV	0	0	3	3	28	64	66	59	38	12	0	0	153
	41-70 AVERAGE	0	0	1	2	57	170	251	207	77	15	0	0	781
	STD DEV	0	0	3	3	34	54	58	63	36	13	0	0	138
3301 OH-02 North Central 	51-80 AVERAGE	0	0	0	2	58	163	245	197	76	13	0	0	754
	STD DEV	0	0	1	3	35	52	53	55	36	13	0	0	126
	61-90 AVERAGE	0	0	0	2	60	158	246	188	70	11	0	0	735
	STD DEV	0	0	1	2	38	46	50	52	32	13	0	0	111
	71-00 AVERAGE	0	0	0	2	62	162	254	196	67	10	0	0	753
	STD DEV	0	0	1	3	38	50	54	62	29	11	0	0	139
	31-00 AVERAGE	0	0	0	1	51	155	252	198	74	10	0	0	741
	STD DEV	0	0	2	2	32	53	58	56	34	10	0	0	144
	31-60 AVERAGE	0	0	1	1	50	167	269	215	84	12	0	0	800
	STD DEV	0	0	2	2	26	62	65	56	37	10	0	0	157
3302 OH-03 Northeast 	41-70 AVERAGE	0	0	1	2	49	155	242	193	74	13	0	0	729
	STD DEV	0	0	2	2	31	53	58	57	35	11	0	0	138
	51-80 AVERAGE	0	0	0	1	50	146	237	188	74	10	0	0	707
	STD DEV	0	0	1	2	31	49	51	51	36	10	0	0	123
	61-90 AVERAGE	0	0	0	1	50	141	237	183	69	9	0	0	690
	STD DEV	0	0	1	2	33	43	45	47	33	10	0	0	98
	71-00 AVERAGE	0	0	0	1	52	147	244	190	65	8	0	0	708
	STD DEV	0	0	1	2	34	46	51	57	27	9	0	0	129
	31-00 AVERAGE	0	0	0	1	40	119	208	169	60	7	0	0	605
	STD DEV	0	0	2	2	26	46	56	53	30	7	0	0	129
3303 OH-04 West Central 	31-60 AVERAGE	0	0	1	1	40	131	225	184	68	9	0	0	658
	STD DEV	0	0	2	2	23	51	60	53	32	8	0	0	133
	41-70 AVERAGE	0	0	1	1	38	120	198	162	59	9	0	0	589
	STD DEV	0	0	2	2	27	46	53	53	30	8	0	0	114
	51-80 AVERAGE	0	0	0	1	37	109	189	159	60	7	0	0	562
	STD DEV	0	0	1	2	24	43	46	45	31	8	0	0	100
	61-90 AVERAGE	0	0	0	1	38	106	192	156	57	7	0	0	557
	STD DEV	0	0	1	1	26	40	44	44	30	8	0	0	92
	71-00 AVERAGE	0	0	0	1	40	111	201	164	53	6	0	0	577
	STD DEV	0	0	1	2	28	41	51	54	24	7	0	0	122
3304 OH-04 West Central 	31-00 AVERAGE	0	0	1	2	61	166	256	204	76	11	0	0	778
	STD DEV	0	0	3	3	36	55	60	60	36	10	0	0	151
	31-60 AVERAGE	0	0	1	2	60	176	273	225	86	13	0	0	836
	STD DEV	0	0	4	3	30	65	69	59	39	10	0	0	161
	41-70 AVERAGE	0	0	1	2	60	164	246	201	76	13	0	0	764
	STD DEV	0	0	4	3	36	52	56	59	36	11	0	0	134
	51-80 AVERAGE	0	0	1	2	59	154	240	195	76	11	0	0	737
	STD DEV	0	0	2	3	36	49	51	52	35	11	0	0	123
	61-90 AVERAGE	0	0	1	2	60	153	241	186	72	10	0	0	723
	STD DEV	0	0	2	2	40	43	48	52	34	11	0	0	115
3304 OH-04 West Central 	71-00 AVERAGE	0	0	1	2	61	160	250	194	69	9	0	0	747
	STD DEV	0	0	2	3	38	51	53	62	30	10	0	0	142



Section 4:

Cooling Degree Days








Divisional Normals, 1971-2000 (and previous periods)


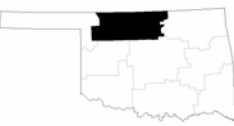
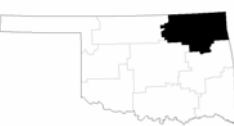
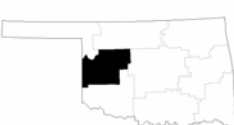
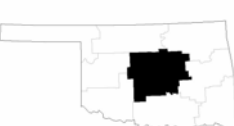
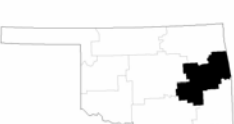
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

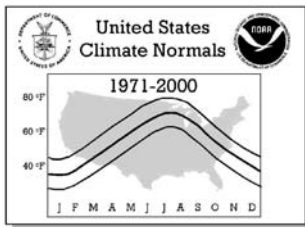
Temperature (°F), Precipitation (inches), and Degree Days

Ohio

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
OH-05 Central 	31-00 AVERAGE	0	0	1	3	66	176	270	221	91	13	0	0	841
	STD DEV	1	0	3	4	38	54	59	59	40	11	0	0	154
	31-60 AVERAGE	0	0	1	3	67	191	286	240	101	15	0	0	904
	STD DEV	1	0	3	4	32	62	66	58	42	11	0	0	159
	41-70 AVERAGE	0	0	1	4	67	178	264	219	90	15	0	0	837
	STD DEV	1	0	3	4	39	51	55	59	39	12	0	0	138
	51-80 AVERAGE	0	0	1	3	66	167	257	216	93	12	0	0	816
	STD DEV	0	0	2	4	38	52	48	55	42	11	0	0	134
	61-90 AVERAGE	0	0	1	2	64	160	253	205	86	12	0	0	782
	STD DEV	0	0	2	3	39	44	46	52	39	12	0	0	114
OH-06 Central Hills 	71-00 AVERAGE	0	0	1	3	65	166	261	212	83	11	0	0	800
	STD DEV	0	0	2	3	40	50	54	62	34	11	0	0	146
	31-00 AVERAGE	0	0	0	1	46	136	213	174	65	8	0	0	644
	STD DEV	0	0	2	2	30	50	56	55	33	8	0	0	141
	31-60 AVERAGE	0	0	1	1	47	151	234	193	76	10	0	0	713
	STD DEV	0	0	2	2	25	59	61	54	35	8	0	0	145
	41-70 AVERAGE	0	0	1	1	45	136	206	169	64	10	0	0	630
	STD DEV	0	0	2	2	29	50	52	53	31	9	0	0	123
	51-80 AVERAGE	0	0	0	1	42	121	192	162	65	8	0	0	591
	STD DEV	0	0	1	2	28	43	42	47	34	8	0	0	105
OH-07 Northeast Hills 	61-90 AVERAGE	0	0	0	1	42	117	193	156	60	7	0	0	576
	STD DEV	0	0	1	1	29	38	42	46	31	9	0	0	92
	71-00 AVERAGE	0	0	0	1	45	126	203	165	57	6	0	0	603
	STD DEV	0	0	1	2	32	44	49	56	26	8	0	0	124
	31-00 AVERAGE	0	0	0	2	44	127	212	174	66	7	0	0	632
	STD DEV	0	0	2	2	29	46	54	52	32	7	0	0	122
	31-60 AVERAGE	0	0	1	2	45	138	222	183	71	8	0	0	670
	STD DEV	1	0	2	3	25	52	58	53	33	7	0	0	126
	41-70 AVERAGE	0	0	1	2	46	129	207	170	67	9	0	0	630
	STD DEV	1	0	2	3	31	44	53	54	33	8	0	0	113
OH-08 Southwest 	51-80 AVERAGE	0	0	0	2	43	118	200	172	71	7	0	0	614
	STD DEV	0	0	1	3	29	44	47	49	35	7	0	0	113
	61-90 AVERAGE	0	0	0	1	43	114	201	164	65	7	0	0	594
	STD DEV	0	0	1	1	30	39	46	44	33	8	0	0	94
	71-00 AVERAGE	0	0	0	1	43	118	207	171	60	6	0	0	605
	STD DEV	0	0	1	2	30	42	53	54	28	7	0	0	123
	31-00 AVERAGE	0	0	2	6	82	206	310	262	116	21	0	0	1005
	STD DEV	1	0	4	6	43	58	62	62	46	16	0	0	167
	31-60 AVERAGE	0	0	2	7	84	223	326	280	129	24	0	0	1076
	STD DEV	2	0	6	8	36	65	71	63	49	16	0	0	172
OH-09 South Central 	41-70 AVERAGE	0	0	2	8	87	215	308	265	120	25	0	0	1031
	STD DEV	1	0	5	8	45	55	57	60	45	17	0	0	148
	51-80 AVERAGE	0	0	2	8	84	201	303	264	122	21	0	0	1004
	STD DEV	0	0	3	8	46	58	51	55	48	17	0	0	160
	61-90 AVERAGE	0	0	2	5	80	189	295	248	110	18	0	0	948
	STD DEV	0	0	3	5	48	47	50	55	44	17	1	1	134
	71-00 AVERAGE	0	0	2	5	77	189	299	250	103	17	0	0	941
	STD DEV	0	0	3	5	43	52	57	66	39	15	0	1	153
	31-00 AVERAGE	1	0	3	6	80	201	303	259	116	20	0	0	990
	STD DEV	2	0	5	6	41	57	60	60	48	15	0	1	171
OH-10 Southeast 	31-60 AVERAGE	1	0	3	8	88	226	326	282	133	25	0	0	1093
	STD DEV	3	0	6	8	37	61	62	55	49	16	0	1	150
	41-70 AVERAGE	1	0	3	9	86	209	302	259	116	23	0	0	1008
	STD DEV	2	0	6	7	43	55	57	54	45	16	0	1	142
	51-80 AVERAGE	0	0	3	7	80	188	290	256	120	19	0	0	963
	STD DEV	0	0	5	7	41	54	48	50	47	15	0	1	139
	61-90 AVERAGE	0	0	3	6	75	179	284	245	110	18	0	0	920
	STD DEV	1	0	4	5	42	43	48	56	46	16	1	1	130
	71-00 AVERAGE	0	0	3	5	71	181	288	245	103	16	0	0	913
	STD DEV	1	0	5	6	41	50	56	65	41	16	1	1	154
OH-10 Southeast 	31-00 AVERAGE	0	0	1	3	60	161	250	210	84	12	0	0	781
	STD DEV	2	0	3	3	35	53	60	58	39	11	0	0	162
	31-60 AVERAGE	1	0	2	3	67	186	275	231	98	15	0	0	879
	STD DEV	2	0	4	4	33	59	64	56	42	12	0	0	156
	41-70 AVERAGE	0	0	1	3	62	164	243	203	81	14	0	0	773
	STD DEV	2	0	4	4	37	52	57	57	36	12	0	0	143
	51-80 AVERAGE	0	0	1	2	56	143	228	197	81	10	0	0	718
	STD DEV	0	0	3	3	33	48	50	52	38	9	0	0	129
	61-90 AVERAGE	0	0	1	2	54	137	225	191	76	10	0	0	695
	STD DEV	0	0	3	2	34	38	46	52	36	10	0	0	112
3310	71-00 AVERAGE	0	0	1	2	54	142	237	200	74	9	0	0	721
	STD DEV	0	0	3	3	34	43	53	59	29	10	0	0	132

Climate Division			Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
OK-01 Panhandle		31-00 AVERAGE	0	0	4	16	97	302	458	413	186	30	0	0	1506	
		STD DEV	0	1	5	14	43	78	71	73	60	22	1	0	205	
		31-60 AVERAGE	0	0	3	14	92	313	458	430	202	35	0	0	1547	
		STD DEV	0	1	5	13	40	89	78	75	63	24	1	0	226	
		41-70 AVERAGE	0	0	3	19	101	301	446	414	185	33	0	0	1502	
		STD DEV	0	1	4	16	46	84	77	67	56	27	1	0	230	
		51-80 AVERAGE	0	0	3	19	104	318	468	412	184	32	0	0	1540	
		STD DEV	0	1	5	13	49	79	77	63	60	23	1	0	218	
		61-90 AVERAGE	0	0	4	20	98	298	462	399	171	27	0	0	1480	
		STD DEV	0	1	5	15	43	66	72	64	51	22	1	0	182	
3401	71-00 AVERAGE	0	0	5	16	94	297	452	400	176	25	0	0	1465		
	STD DEV	0	1	5	13	42	76	62	70	58	13	1	0	173		
OK-02 North Central		31-00 AVERAGE	0	2	9	32	146	371	542	505	255	63	1	0	1926	
		STD DEV	1	4	9	23	54	79	79	92	76	36	2	0	249	
		31-60 AVERAGE	0	2	9	32	143	389	547	531	277	74	1	0	2006	
		STD DEV	1	4	10	25	49	88	92	99	84	42	1	0	273	
		41-70 AVERAGE	0	1	7	38	151	373	529	503	250	66	1	0	1918	
		STD DEV	0	3	9	27	58	80	87	88	68	42	2	0	257	
		51-80 AVERAGE	0	2	8	36	152	378	547	500	252	63	1	0	1939	
		STD DEV	0	4	8	25	60	80	89	78	74	35	2	0	257	
		61-90 AVERAGE	0	1	10	35	147	362	541	486	240	55	1	0	1879	
		STD DEV	1	3	8	24	55	65	77	75	62	32	2	0	203	
3402	71-00 AVERAGE	0	3	10	28	139	360	533	490	244	52	1	0	1861		
	STD DEV	1	4	7	20	53	77	66	85	73	19	2	0	207		
OK-03 Northeast		31-00 AVERAGE	0	1	11	34	136	338	503	475	247	63	3	0	1811	
		STD DEV	1	3	10	25	50	71	83	91	76	35	4	0	265	
		31-60 AVERAGE	0	1	10	33	137	359	513	500	267	73	2	0	1896	
		STD DEV	1	3	12	26	45	77	96	101	80	39	3	0	278	
		41-70 AVERAGE	0	1	8	41	140	339	493	471	242	66	2	0	1803	
		STD DEV	0	2	10	29	53	70	92	89	63	43	3	0	266	
		51-80 AVERAGE	0	1	10	39	139	336	506	464	248	61	2	0	1807	
		STD DEV	0	3	8	27	54	76	96	80	74	37	3	0	287	
		61-90 AVERAGE	0	1	12	39	134	325	497	453	237	55	3	0	1756	
		STD DEV	1	2	9	26	53	61	78	74	67	33	4	0	235	
3403	71-00 AVERAGE	0	2	12	31	131	325	494	462	237	53	3	0	1751		
	STD DEV	1	3	8	21	50	66	71	83	77	20	5	0	234		
OK-04 West Central		31-00 AVERAGE	0	2	9	32	139	363	524	491	248	57	1	0	1866	
		STD DEV	1	3	8	22	51	78	78	85	73	33	2	0	248	
		31-60 AVERAGE	0	2	8	32	138	386	530	520	269	66	1	0	1952	
		STD DEV	1	3	10	24	49	85	85	91	77	37	1	0	259	
		41-70 AVERAGE	0	1	6	37	142	365	511	491	243	58	1	0	1856	
		STD DEV	1	3	8	27	54	78	83	86	63	38	2	0	247	
		51-80 AVERAGE	0	2	8	35	143	371	528	486	247	57	1	0	1878	
		STD DEV	1	4	8	25	56	81	89	79	72	32	2	0	261	
		61-90 AVERAGE	0	1	9	34	138	350	520	470	232	49	1	0	1806	
		STD DEV	1	2	8	23	49	67	78	69	62	30	2	0	209	
3404	71-00 AVERAGE	0	2	9	28	134	349	517	473	238	47	1	0	1798		
	STD DEV	1	3	7	19	51	76	70	77	73	19	2	0	219		
OK-05 Central		31-00 AVERAGE	0	2	12	40	153	365	531	506	270	69	3	0	1951	
		STD DEV	1	4	11	27	51	70	78	86	78	36	4	0	251	
		31-60 AVERAGE	0	2	11	39	149	382	533	525	288	78	2	0	2009	
		STD DEV	2	4	12	29	49	77	87	95	81	41	3	0	268	
		41-70 AVERAGE	0	1	9	46	152	363	518	500	264	71	3	0	1928	
		STD DEV	1	3	10	33	52	68	84	84	64	44	3	0	248	
		51-80 AVERAGE	0	2	12	45	155	367	534	497	270	68	3	0	1952	
		STD DEV	1	4	10	29	55	70	86	75	75	36	3	0	263	
		61-90 AVERAGE	0	2	14	45	154	355	527	490	257	61	3	0	1909	
		STD DEV	1	3	10	28	49	61	75	66	69	33	4	0	221	
3405	71-00 AVERAGE	0	3	14	37	153	358	528	498	262	61	3	0	1917		
	STD DEV	1	4	9	23	52	70	70	79	80	21	5	0	230		
OK-06 East Central		31-00 AVERAGE	0	2	16	40	151	353	514	492	271	78	4	0	1921	
		STD DEV	2	3	13	27	51	68	78	91	77	39	5	1	264	
		31-60 AVERAGE	1	2	14	40	151	371	522	512	291	88	3	0	1995	
		STD DEV	2	3	14	29	47	73	86	98	76	43	4	1	270	
		41-70 AVERAGE	0	1	13	49	157	357	508	490	269	82	4	0	1929	
		STD DEV	1	3	13	32	51	66	83	86	62	47	4	1	258	
		51-80 AVERAGE	0	2	15	45	157	356	524	486	276	78	4	0	1944	
		STD DEV	1	4	13	29	56	72	84	80	77	42	5	1	280	
		61-90 AVERAGE	0	2	17	45	151	343	508	476	261	71	5	0	1879	
		STD DEV	1	3	13	27	54	59	74	71	71	38	5	1	237	
3406	71-00 AVERAGE	0	3	17	35	146	339	506	481	258	68	5	0	1859		
	STD DEV	1	4	9	21	54	66	70	88	81	24	6	1	243		



Section 4:

Cooling Degree Days

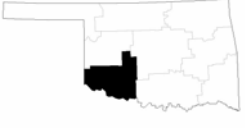
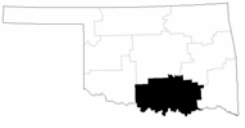






Divisional Normals, 1971-2000 (and previous periods)

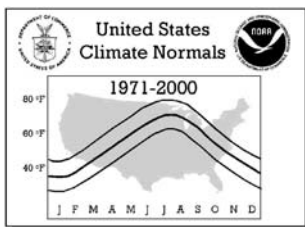
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Oklahoma – Oregon

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
OK-07 Southwest 	31-00 AVERAGE	0	2	13	46	180	412	569	541	292	77	2	0	2134
	STD DEV	1	4	11	28	58	73	74	82	76	38	3	0	248
	31-60 AVERAGE	0	2	12	45	173	427	567	565	313	86	2	0	2192
	STD DEV	1	4	11	28	53	76	73	86	77	43	2	0	244
	41-70 AVERAGE	0	2	10	54	181	416	561	550	293	78	2	0	2148
	STD DEV	1	4	11	33	55	73	79	80	63	45	3	0	246
	51-80 AVERAGE	0	2	13	53	186	425	575	539	295	76	2	0	2167
	STD DEV	1	4	11	32	59	75	85	77	75	37	3	0	262
	61-90 AVERAGE	0	2	14	51	182	404	570	524	279	69	3	0	2098
	STD DEV	1	3	11	30	51	66	79	66	68	35	3	0	221
OK-08 South Central 	71-00 AVERAGE	0	3	14	42	180	403	565	522	280	68	2	0	2079
	STD DEV	1	4	8	25	64	77	73	79	80	24	3	0	244
	31-00 AVERAGE	1	3	18	50	178	393	552	535	304	89	6	0	2128
	STD DEV	2	5	14	30	53	66	74	81	77	40	6	1	262
	31-60 AVERAGE	1	3	17	52	179	411	556	554	325	100	5	0	2203
	STD DEV	3	4	16	33	50	69	74	88	76	44	5	0	254
	41-70 AVERAGE	1	3	15	60	183	396	547	539	303	92	6	0	2145
	STD DEV	2	4	14	36	50	66	74	80	63	48	6	1	249
	51-80 AVERAGE	1	3	17	55	182	397	559	532	306	88	5	0	2145
	STD DEV	2	5	14	33	55	71	81	79	78	42	6	1	283
OK-09 Southeast 	61-90 AVERAGE	0	2	20	54	175	378	546	521	289	79	7	0	2071
	STD DEV	1	4	15	30	48	61	76	65	71	38	6	1	244
	71-00 AVERAGE	1	4	19	44	174	382	547	522	290	79	6	0	2068
	STD DEV	1	5	11	24	58	66	76	79	81	25	6	1	259
	31-00 AVERAGE	1	3	17	39	162	363	510	491	278	81	5	1	1951
	STD DEV	2	4	15	24	50	64	72	87	74	39	6	1	268
	31-60 AVERAGE	1	3	18	42	171	391	534	521	305	96	5	1	2087
	STD DEV	3	5	18	26	51	64	73	88	69	43	6	2	244
	41-70 AVERAGE	0	3	14	48	171	373	514	493	275	86	5	0	1981
	STD DEV	2	4	14	28	49	64	79	85	58	47	5	1	256
OR-01 Coastal Area 	51-80 AVERAGE	0	3	15	42	163	359	511	477	275	78	4	0	1927
	STD DEV	2	4	13	27	54	68	80	80	74	40	5	1	278
	61-90 AVERAGE	0	2	18	40	153	343	488	467	260	70	6	0	1846
	STD DEV	1	4	13	24	48	54	64	67	71	35	5	1	222
	71-00 AVERAGE	0	3	18	32	153	343	494	474	261	68	5	0	1852
	STD DEV	1	4	10	20	52	60	67	83	76	23	6	1	244
	31-00 AVERAGE	0	0	0	0	0	1	6	5	4	0	0	0	16
	STD DEV	0	0	0	0	0	1	5	5	4	0	0	0	11
	31-60 AVERAGE	0	0	0	0	0	1	6	4	3	0	0	0	14
	STD DEV	0	0	0	0	0	1	7	4	3	0	0	0	11
OR-02 Willamette Valley 	41-70 AVERAGE	0	0	0	0	0	1	6	4	4	0	0	0	15
	STD DEV	0	0	0	0	0	2	7	5	4	0	0	0	12
	51-80 AVERAGE	0	0	0	0	0	1	5	4	4	0	0	0	14
	STD DEV	0	0	0	0	0	1	4	5	5	0	0	0	10
	61-90 AVERAGE	0	0	0	0	0	1	5	6	4	0	0	0	16
	STD DEV	0	0	0	0	0	1	3	5	5	0	0	0	9
	71-00 AVERAGE	0	0	0	0	0	1	7	7	5	0	0	0	20
	STD DEV	0	0	0	0	1	1	5	4	5	0	0	0	11
	31-00 AVERAGE	0	0	0	0	5	20	76	75	31	1	0	0	208
	STD DEV	0	0	0	1	6	14	33	34	18	1	0	0	65
OR-03 Southwestern Valleys 	31-60 AVERAGE	0	0	0	0	6	18	73	65	28	1	0	0	190
	STD DEV	0	0	0	1	6	12	33	26	15	2	0	0	60
	41-70 AVERAGE	0	0	0	0	4	18	72	66	28	1	0	0	190
	STD DEV	0	0	0	0	5	14	33	37	18	2	0	0	75
	51-80 AVERAGE	0	0	0	0	4	19	75	70	30	1	0	0	198
	STD DEV	0	0	0	0	5	15	30	41	20	2	0	0	75
	61-90 AVERAGE	0	0	0	0	3	22	73	80	29	1	0	0	207
	STD DEV	0	0	0	0	3	15	29	40	20	1	0	0	64
	71-00 AVERAGE	0	0	0	0	5	21	82	85	35	1	0	0	227
	STD DEV	0	0	0	0	6	14	35	33	19	1	0	0	59
OR-03 Southwestern Valleys 	31-00 AVERAGE	0	0	0	1	9	38	131	116	47	2	0	0	345
	STD DEV	0	0	0	2	9	22	45	45	25	3	0	0	84
	31-60 AVERAGE	0	0	0	2	10	36	137	113	48	3	0	0	349
	STD DEV	0	0	1	2	10	21	46	45	24	4	0	0	88
	41-70 AVERAGE	0	0	0	1	9	36	131	107	48	3	0	0	334
	STD DEV	0	0	0	2	9	22	45	49	26	4	0	0	97
	51-80 AVERAGE	0	0	0	1	8	40	131	108	48	2	0	0	339
	STD DEV	0	0	0	1	8	24	42	51	27	4	0	0	97
	61-90 AVERAGE	0	0	0	1	7	42	122	116	43	2	0	0	333
	STD DEV	0	0	0	2	6	23	40	48	26	3	0	0	80
OR-03 Southwestern Valleys 	71-00 AVERAGE	0	0	0	1	8	39	128	119	47	2	0	0	345
	STD DEV	0	0	0	2	9	22	46	42	25	3	0	0	76



Section 4:

Cooling Degree Days


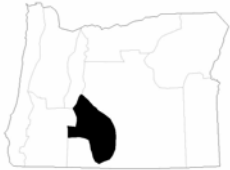
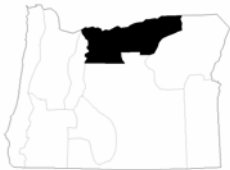

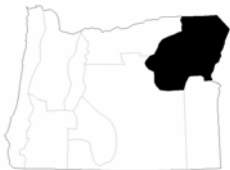


Divisional Normals, 1971-2000 (and previous periods)

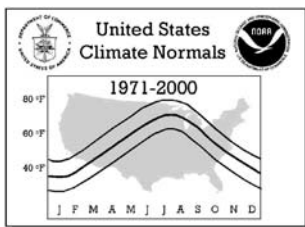
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Oregon

Page 50

Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
OR-04 Northern Cascades 	31-00 AVERAGE	0	0	0	1	6	19	60	59	27	3	0	0	174
	STD DEV	0	0	0	3	8	14	30	33	17	4	0	0	68
	31-60 AVERAGE	0	0	0	2	8	20	66	59	30	5	0	0	190
	STD DEV	0	0	0	4	10	15	31	32	18	5	0	0	78
	41-70 AVERAGE	0	0	0	0	4	17	58	50	26	3	0	0	158
	STD DEV	0	0	0	0	7	15	30	33	17	4	0	0	70
	51-80 AVERAGE	0	0	0	0	4	18	58	52	26	3	0	0	161
	STD DEV	0	0	0	0	7	15	28	36	18	4	0	0	69
	61-90 AVERAGE	0	0	0	0	3	19	51	56	22	2	0	0	154
	STD DEV	0	0	0	1	3	15	25	35	17	3	0	0	58
3504 OR-05 High Plateau 	71-00 AVERAGE	0	0	0	0	4	16	56	59	24	2	0	0	161
	STD DEV	0	0	0	1	6	12	30	30	16	3	0	0	50
	31-00 AVERAGE	0	0	0	0	0	6	35	32	7	0	0	0	80
	STD DEV	0	0	0	0	1	7	22	22	7	0	0	0	42
	31-60 AVERAGE	0	0	0	0	0	3	27	21	5	0	0	0	56
	STD DEV	0	0	0	0	1	4	18	13	4	0	0	0	26
	41-70 AVERAGE	0	0	0	0	0	5	30	24	6	0	0	0	65
	STD DEV	0	0	0	0	1	6	18	20	6	0	0	0	36
	51-80 AVERAGE	0	0	0	0	0	7	36	29	8	0	0	0	80
	STD DEV	0	0	0	0	1	7	18	23	6	0	0	0	36
3505 OR-06 North Central 	61-90 AVERAGE	0	0	0	0	0	9	37	37	8	0	0	0	92
	STD DEV	0	0	0	0	0	8	21	24	7	0	0	0	38
	71-00 AVERAGE	0	0	0	0	1	9	43	42	10	0	0	0	105
	STD DEV	0	0	0	0	2	8	25	22	8	0	0	0	40
	31-00 AVERAGE	1	0	0	1	13	59	172	155	50	1	0	0	452
	STD DEV	3	0	0	1	11	31	54	54	26	2	0	0	103
	31-60 AVERAGE	1	0	0	1	16	57	179	146	52	2	0	0	452
	STD DEV	4	0	0	2	13	26	50	41	20	3	0	0	88
	41-70 AVERAGE	1	0	0	1	13	56	171	145	50	1	0	0	438
	STD DEV	3	0	0	1	12	31	54	60	25	3	0	0	123
3506 OR-07 South Central 	51-80 AVERAGE	1	0	0	0	11	59	169	147	47	1	0	0	436
	STD DEV	3	0	0	1	10	33	50	67	26	3	0	0	126
	61-90 AVERAGE	1	0	0	0	10	63	161	158	45	1	0	0	439
	STD DEV	2	0	0	1	7	34	52	67	29	2	0	0	113
	71-00 AVERAGE	1	0	0	1	11	58	170	166	50	1	0	0	458
	STD DEV	3	0	0	1	9	32	60	53	28	2	0	0	92
	31-00 AVERAGE	0	0	0	0	2	22	90	73	17	0	0	0	204
	STD DEV	0	0	0	1	3	17	36	35	12	1	0	0	64
	31-60 AVERAGE	0	0	0	0	3	17	87	60	15	0	0	0	182
	STD DEV	0	0	0	1	4	12	30	27	9	1	0	0	51
3507 OR-08 Northeast 	41-70 AVERAGE	0	0	0	0	2	17	83	60	16	0	0	0	178
	STD DEV	0	0	0	0	3	15	33	34	12	1	0	0	65
	51-80 AVERAGE	0	0	0	0	2	22	89	66	17	0	0	0	196
	STD DEV	0	0	0	0	3	19	32	40	12	1	0	0	68
	61-90 AVERAGE	0	0	0	0	2	27	90	80	17	0	0	0	216
	STD DEV	0	0	0	0	2	20	37	40	14	1	0	0	65
	71-00 AVERAGE	0	0	0	0	3	25	95	86	19	0	0	0	228
	STD DEV	0	0	0	0	4	19	41	36	13	1	0	0	62
	31-00 AVERAGE	0	0	0	0	3	20	85	72	17	0	0	0	197
	STD DEV	0	0	0	0	4	15	34	35	13	1	0	0	59
3508 OR-09 Southeast 	31-60 AVERAGE	0	0	0	0	4	16	89	61	16	0	0	0	186
	STD DEV	0	0	0	0	5	12	30	24	10	0	0	0	50
	41-70 AVERAGE	0	0	0	0	2	16	82	64	17	0	0	0	181
	STD DEV	0	0	0	0	4	14	30	36	13	0	0	0	63
	51-80 AVERAGE	0	0	0	0	2	21	87	69	17	0	0	0	195
	STD DEV	0	0	0	0	4	17	29	42	13	0	0	0	62
	61-90 AVERAGE	0	0	0	0	2	24	80	77	17	0	0	0	200
	STD DEV	0	0	0	0	2	18	31	43	15	1	0	0	59
	71-00 AVERAGE	0	0	0	0	3	22	83	80	18	0	0	0	207
	STD DEV	0	0	0	0	3	16	40	37	14	1	0	0	57
3509 OR-09 Southeast 	31-00 AVERAGE	0	0	0	1	17	78	229	178	44	1	0	0	547
	STD DEV	0	0	0	2	13	39	57	55	25	2	0	0	107
	31-60 AVERAGE	0	0	0	1	19	73	242	172	43	2	0	0	551
	STD DEV	0	0	0	2	16	34	45	41	19	2	0	0	80
	41-70 AVERAGE	0	0	0	1	17	73	237	177	47	1	0	0	554
	STD DEV	0	0	0	2	15	38	49	53	26	2	0	0	103
	51-80 AVERAGE	0	0	0	1	15	80	231	172	45	1	0	0	546
	STD DEV	0	0	0	1	12	44	48	63	25	2	0	0	107
	61-90 AVERAGE	0	0	0	1	14	88	223	181	43	1	0	0	550
	STD DEV	0	0	0	2	8	45	57	67	30	2	0	0	115
	71-00 AVERAGE	0	0	0	1	14	81	216	181	44	1	0	0	538
	STD DEV	0	0	0	2	12	43	66	61	27	2	0	0	114



Section 4:

Cooling Degree Days

Divisional Normals, 1971-2000 (and previous periods)

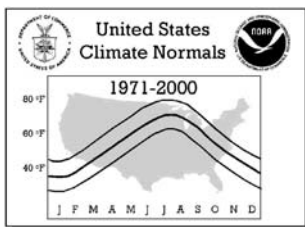
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Pennsylvania

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
3601 PA-01 Pocono Mountains	31-00 AVERAGE	0	0	0	0	14	62	150	113	24	2	0	0	366
	STD DEV	0	0	0	0	12	31	46	42	17	4	0	0	95
	31-60 AVERAGE	0	0	0	0	16	69	160	119	25	3	0	0	392
	STD DEV	0	0	1	1	13	34	48	48	16	4	0	0	106
	41-70 AVERAGE	0	0	0	0	15	70	157	113	27	3	0	0	384
	STD DEV	0	0	1	1	14	35	49	43	21	4	0	0	106
	51-80 AVERAGE	0	0	0	0	12	61	144	112	26	2	0	0	358
	STD DEV	0	0	0	0	10	28	44	38	21	3	0	0	81
	61-90 AVERAGE	0	0	0	0	12	54	138	107	24	2	0	0	337
	STD DEV	0	0	0	0	10	26	31	37	20	3	0	0	65
3602 PA-02 East Central Mountains	71-00 AVERAGE	0	0	0	0	13	56	144	112	21	1	0	0	347
	STD DEV	0	0	0	0	11	28	48	39	12	3	0	0	86
	31-00 AVERAGE	0	0	0	1	40	124	244	186	55	6	0	0	656
	STD DEV	0	0	0	2	24	43	58	52	29	6	0	0	132
	31-60 AVERAGE	0	0	0	1	42	134	250	193	61	8	0	0	689
	STD DEV	0	0	0	3	22	44	52	54	30	7	0	0	123
	41-70 AVERAGE	0	0	0	1	37	125	234	174	55	8	0	0	634
	STD DEV	0	0	0	3	22	43	55	48	33	7	0	0	126
	51-80 AVERAGE	0	0	0	1	33	116	226	178	54	6	0	0	615
	STD DEV	0	0	0	2	20	42	55	51	34	6	0	0	125
3603 PA-03 Southeastern Piedmont	61-90 AVERAGE	0	0	0	0	36	110	229	176	50	6	0	0	607
	STD DEV	0	0	0	1	22	36	53	49	31	6	0	0	112
	71-00 AVERAGE	0	0	0	1	41	118	247	189	50	6	0	0	650
	STD DEV	0	0	0	1	26	45	66	51	19	6	0	0	140
	31-00 AVERAGE	0	0	0	2	48	174	308	253	92	13	0	0	889
	STD DEV	1	0	1	2	27	46	51	53	38	11	0	0	126
	31-60 AVERAGE	0	0	0	2	54	186	324	263	99	16	0	0	945
	STD DEV	1	0	1	3	27	49	50	53	36	13	0	0	121
	41-70 AVERAGE	0	0	0	2	50	181	311	252	98	16	0	0	912
	STD DEV	1	0	1	3	28	47	54	50	40	13	0	0	128
3604 PA-04 Lower Susquehanna	51-80 AVERAGE	0	0	0	2	45	169	302	259	99	13	0	0	890
	STD DEV	0	0	0	2	24	47	53	49	41	11	0	0	118
	61-90 AVERAGE	0	0	0	1	44	163	295	248	89	11	0	0	851
	STD DEV	0	0	0	1	23	44	41	53	42	10	0	0	98
	71-00 AVERAGE	0	0	0	1	44	161	298	247	82	10	0	0	844
	STD DEV	0	0	0	1	26	47	52	54	30	10	0	0	119
	31-00 AVERAGE	0	0	0	2	54	167	294	239	86	10	0	0	852
	STD DEV	0	0	1	3	30	47	57	56	38	9	0	0	141
	31-60 AVERAGE	0	0	0	3	60	181	308	250	93	13	0	0	908
	STD DEV	0	0	2	4	30	50	56	58	38	10	0	0	141
3605 PA-05 Middle Susquehanna	41-70 AVERAGE	0	0	0	3	56	172	294	237	90	13	0	0	865
	STD DEV	0	0	2	4	33	47	54	54	38	10	0	0	133
	51-80 AVERAGE	0	0	0	2	49	160	285	243	93	10	0	0	843
	STD DEV	0	0	0	3	27	46	55	50	38	9	0	0	121
	61-90 AVERAGE	0	0	0	1	48	156	282	234	85	9	0	0	815
	STD DEV	0	0	0	2	26	41	51	52	39	9	0	0	112
	71-00 AVERAGE	0	0	0	2	47	152	281	229	77	8	0	0	796
	STD DEV	0	0	0	2	28	46	60	54	30	9	0	0	130
	31-00 AVERAGE	0	0	0	1	45	134	242	190	60	6	0	0	678
	STD DEV	0	0	1	2	27	47	59	55	31	6	0	0	146
3606 PA-06 Upper Susquehanna	31-60 AVERAGE	0	0	0	1	52	153	264	208	71	9	0	0	759
	STD DEV	1	0	1	2	28	51	59	57	32	7	0	0	148
	41-70 AVERAGE	0	0	0	1	44	136	239	185	62	8	0	0	674
	STD DEV	0	0	1	2	29	47	58	53	30	7	0	0	142
	51-80 AVERAGE	0	0	0	1	37	122	225	181	59	6	0	0	631
	STD DEV	0	0	0	1	22	43	56	49	31	6	0	0	123
	61-90 AVERAGE	0	0	0	0	36	113	219	171	51	5	0	0	595
	STD DEV	0	0	0	1	21	36	46	45	30	6	0	0	92
	71-00 AVERAGE	0	0	0	1	41	121	230	181	50	5	0	0	629
	STD DEV	0	0	0	1	25	41	57	52	21	6	0	0	123
3606 PA-06 Upper Susquehanna	31-00 AVERAGE	0	0	0	0	16	60	135	104	22	2	0	0	339
	STD DEV	0	0	0	0	13	29	46	42	16	3	0	0	98
	31-60 AVERAGE	0	0	0	0	18	69	153	119	26	3	0	0	388
	STD DEV	0	0	0	1	14	32	48	48	17	4	0	0	102
	41-70 AVERAGE	0	0	0	0	15	61	136	101	23	3	0	0	338
	STD DEV	0	0	0	1	14	30	46	41	17	4	0	0	93
	51-80 AVERAGE	0	0	0	0	12	51	122	94	20	2	0	0	302
	STD DEV	0	0	0	0	10	25	42	36	16	3	0	0	77
	61-90 AVERAGE	0	0	0	0	13	47	118	92	19	2	0	0	290
	STD DEV	0	0	0	0	10	23	35	34	15	3	0	0	64
3606	71-00 AVERAGE	0	0	0	0	14	53	123	96	17	1	0	0	304
	STD DEV	0	0	0	0	13	27	42	38	10	3	0	0	85



Section 4:

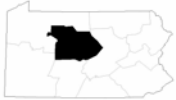
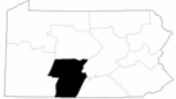

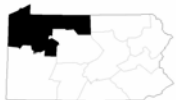




Cooling Degree Days

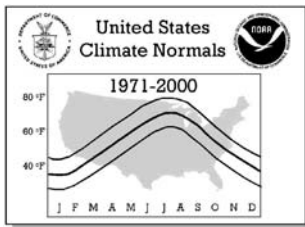
Divisional Normals, 1971-2000 (and previous periods)

CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Pennsylvania – Rhode Island – South Carolina Page 52

Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
PA-07 Central Mountains 	31-00 AVERAGE	0	0	0	0	26	77	153	124	31	3	0	0	414
	STD DEV	0	0	0	1	19	34	48	47	19	3	0	0	104
	31-60 AVERAGE	0	0	0	1	29	85	162	131	33	3	0	0	443
	STD DEV	0	0	0	1	20	36	52	52	20	4	0	0	112
	41-70 AVERAGE	0	0	0	1	25	74	144	113	28	3	0	0	386
	STD DEV	0	0	0	1	19	31	49	45	19	4	0	0	99
	51-80 AVERAGE	0	0	0	0	22	66	138	114	30	2	0	0	372
	STD DEV	0	0	0	1	15	30	46	41	21	3	0	0	90
	61-90 AVERAGE	0	0	0	0	21	63	138	112	29	2	0	0	366
	STD DEV	0	0	0	0	14	26	39	38	20	3	0	0	72
3607 PA-08 South Central Mountains 	71-00 AVERAGE	0	0	0	0	25	73	151	126	29	2	0	0	407
	STD DEV	0	0	0	1	19	34	46	44	15	3	0	0	97
	31-00 AVERAGE	0	0	0	1	34	104	193	158	48	5	0	0	543
	STD DEV	0	0	1	2	23	40	51	50	27	6	0	0	114
	31-60 AVERAGE	0	0	0	1	37	116	205	170	53	6	0	0	588
	STD DEV	0	0	1	2	22	44	58	54	28	5	0	0	127
	41-70 AVERAGE	0	0	0	1	36	107	191	157	48	6	0	0	547
	STD DEV	0	0	1	2	25	37	49	50	27	6	0	0	101
	51-80 AVERAGE	0	0	0	1	33	98	186	161	53	5	0	0	537
	STD DEV	0	0	0	2	23	38	47	46	28	6	0	0	93
3608 PA-09 Southwest Plateau 	61-90 AVERAGE	0	0	0	1	30	94	183	153	48	5	0	0	514
	STD DEV	0	0	0	1	21	35	38	41	27	6	0	0	73
	71-00 AVERAGE	0	0	0	1	29	92	182	149	42	4	0	0	499
	STD DEV	0	0	0	1	22	37	47	46	22	6	0	0	95
	31-00 AVERAGE	0	0	0	1	40	119	198	163	57	7	0	0	586
	STD DEV	1	0	2	2	26	45	53	51	30	7	0	0	124
	31-60 AVERAGE	0	0	1	1	44	135	215	178	65	9	0	0	649
	STD DEV	1	0	2	2	25	48	55	51	32	7	0	0	119
	41-70 AVERAGE	0	0	1	2	42	124	197	160	57	9	0	0	591
	STD DEV	1	0	2	2	30	44	49	49	30	8	0	0	107
3609 PA-10 Northwest Plateau 	51-80 AVERAGE	0	0	0	1	38	108	184	159	58	7	0	0	556
	STD DEV	0	0	1	2	26	41	46	45	31	7	0	0	102
	61-90 AVERAGE	0	0	0	1	35	99	177	148	52	6	0	0	518
	STD DEV	0	0	1	1	25	36	42	42	30	7	0	0	89
	71-00 AVERAGE	0	0	0	1	36	104	186	155	50	6	0	0	537
	STD DEV	0	0	1	1	25	41	52	51	22	7	0	0	116
	31-00 AVERAGE	0	0	0	0	24	79	149	118	33	3	0	0	406
	STD DEV	0	0	0	1	18	37	49	47	21	4	0	0	109
	31-60 AVERAGE	0	0	0	1	27	93	170	134	40	4	0	0	468
	STD DEV	0	0	1	1	18	41	55	53	23	4	0	0	116
3610 RI-01 Rhode Island 	41-70 AVERAGE	0	0	0	1	24	80	145	113	34	4	0	0	401
	STD DEV	0	0	1	1	19	35	47	49	21	4	0	0	96
	51-80 AVERAGE	0	0	0	0	22	69	133	111	33	3	0	0	372
	STD DEV	0	0	0	1	16	32	41	40	22	4	0	0	82
	61-90 AVERAGE	0	0	0	0	21	64	131	103	29	3	0	0	351
	STD DEV	0	0	0	0	16	29	34	32	20	4	0	0	60
	71-00 AVERAGE	0	0	0	0	23	68	135	110	26	2	0	0	363
	STD DEV	0	0	0	1	18	31	39	41	13	4	0	0	84
	31-00 AVERAGE	0	0	0	0	6	63	189	163	38	2	0	0	462
	STD DEV	0	0	0	0	5	26	47	47	20	3	0	0	100
3701 SC-01 Mountain 	31-60 AVERAGE	0	0	0	0	6	61	189	162	39	3	0	0	459
	STD DEV	0	0	0	0	4	27	49	49	18	4	0	0	97
	41-70 AVERAGE	0	0	0	0	5	61	185	153	37	3	0	0	444
	STD DEV	0	0	0	0	4	28	52	49	22	4	0	0	112
	51-80 AVERAGE	0	0	0	0	5	59	181	158	36	2	0	0	441
	STD DEV	0	0	0	0	4	26	49	45	22	4	0	0	100
	61-90 AVERAGE	0	0	0	0	5	60	184	163	36	2	0	0	450
	STD DEV	0	0	0	0	4	25	37	48	22	4	0	0	94
	71-00 AVERAGE	0	0	0	0	7	66	194	169	39	2	0	0	477
	STD DEV	0	0	0	0	6	28	45	40	20	4	0	0	94
3801 SC-01 Mountain 	31-00 AVERAGE	2	0	9	13	78	168	241	212	97	17	2	0	840
	STD DEV	5	1	9	10	40	53	60	59	40	15	5	1	184
	31-60 AVERAGE	3	0	9	14	82	183	237	219	102	20	1	0	871
	STD DEV	6	1	10	12	39	57	61	67	40	15	2	1	212
	41-70 AVERAGE	2	0	10	19	94	183	247	232	105	21	2	0	916
	STD DEV	6	1	11	11	43	55	58	54	45	15	2	1	174
	51-80 AVERAGE	2	0	10	17	88	169	255	237	111	18	2	0	908
	STD DEV	4	1	8	10	43	55	61	53	47	14	2	1	192
	61-90 AVERAGE	1	0	10	13	78	164	243	215	97	16	3	0	839
	STD DEV	3	1	8	9	41	48	61	53	39	15	7	0	157
3801 SC-01 Mountain 	71-00 AVERAGE	1	0	9	11	70	157	247	206	92	15	2	0	810
	STD DEV	4	1	7	8	33	50	61	59	36	15	7	0	164



Section 4:

Cooling Degree Days







Divisional Normals, 1971-2000 (and previous periods)

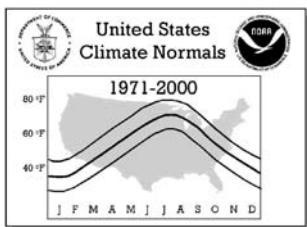
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

South Carolina

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
SC-02 Northwest  3802	31-00 AVERAGE	3	0	10	21	142	314	415	379	209	48	3	0	1544
	STD DEV	5	1	10	15	51	62	54	48	54	28	4	2	172
	31-60 AVERAGE	4	1	10	24	157	349	423	393	228	58	2	1	1648
	STD DEV	7	1	12	16	47	55	49	43	56	30	3	2	121
	41-70 AVERAGE	2	0	10	28	156	322	406	382	207	53	2	0	1567
	STD DEV	6	1	12	16	53	65	48	51	55	31	2	2	167
	51-80 AVERAGE	2	0	9	25	143	295	406	385	212	45	2	1	1524
	STD DEV	5	1	8	15	56	66	54	50	55	24	2	2	193
	61-90 AVERAGE	2	0	10	20	131	289	398	369	197	42	3	0	1461
	STD DEV	4	1	8	14	51	54	57	47	51	28	5	2	161
SC-03 North Central  3803	71-00 AVERAGE	2	0	11	18	126	292	415	372	196	41	3	0	1477
	STD DEV	4	1	8	13	46	56	59	51	45	27	5	2	164
	31-00 AVERAGE	5	2	16	30	164	342	447	405	235	61	4	2	1713
	STD DEV	8	3	15	19	54	62	54	48	57	34	6	4	173
	31-60 AVERAGE	8	2	16	33	182	375	451	414	252	74	4	2	1814
	STD DEV	10	3	19	19	50	52	49	41	59	36	4	4	124
	41-70 AVERAGE	5	2	15	37	177	346	434	403	231	66	4	1	1720
	STD DEV	9	3	18	19	55	65	47	47	59	37	3	3	170
	51-80 AVERAGE	4	1	14	33	162	317	433	409	237	55	4	2	1670
	STD DEV	8	3	10	18	58	63	49	48	60	28	3	4	185
SC-04 Northeast  3804	61-90 AVERAGE	3	1	15	28	149	313	430	398	225	54	5	2	1624
	STD DEV	7	3	10	18	52	57	56	52	54	32	8	4	165
	71-00 AVERAGE	4	1	16	27	147	323	452	403	226	53	5	2	1660
	STD DEV	8	3	11	19	49	58	61	54	48	31	8	4	169
	31-00 AVERAGE	12	4	22	42	191	367	472	431	268	78	13	5	1905
	STD DEV	15	5	17	23	55	60	50	44	54	38	13	7	171
	31-60 AVERAGE	17	5	22	46	206	394	473	441	282	86	11	6	1988
	STD DEV	17	6	21	23	53	51	47	40	55	39	9	7	119
	41-70 AVERAGE	11	4	21	49	199	368	457	426	262	80	11	4	1892
	STD DEV	14	5	19	23	58	59	44	45	56	40	8	6	164
SC-05 West Central  3805	51-80 AVERAGE	10	3	20	45	188	343	456	430	268	71	11	5	1850
	STD DEV	15	5	14	21	62	59	41	44	56	33	8	8	174
	61-90 AVERAGE	8	3	21	38	176	345	459	423	258	72	14	5	1823
	STD DEV	15	5	13	21	50	58	50	46	56	40	17	7	175
	71-00 AVERAGE	10	4	22	39	179	354	480	429	264	74	15	6	1876
	STD DEV	14	5	14	23	51	60	53	47	47	40	17	7	174
	31-00 AVERAGE	8	3	21	44	188	365	464	425	254	72	7	2	1854
	STD DEV	11	4	17	25	59	64	55	50	58	38	8	4	193
	31-60 AVERAGE	13	4	21	50	208	399	472	442	277	86	7	2	1982
	STD DEV	13	5	21	27	53	51	45	40	61	41	6	4	115
SC-06 Central  3806	41-70 AVERAGE	9	3	21	56	203	369	453	427	250	77	7	2	1876
	STD DEV	12	4	21	26	60	68	47	51	63	43	5	3	197
	51-80 AVERAGE	7	3	19	48	183	340	447	425	253	64	6	2	1796
	STD DEV	10	4	13	24	64	66	53	54	58	31	5	4	206
	61-90 AVERAGE	5	2	20	40	169	337	447	412	240	63	8	2	1746
	STD DEV	9	4	12	21	55	59	61	54	53	36	11	4	177
	71-00 AVERAGE	6	3	21	38	169	348	469	419	243	62	8	2	1788
	STD DEV	9	4	13	23	56	63	63	55	47	35	11	4	186
	31-00 AVERAGE	13	5	26	54	211	384	482	445	278	82	11	6	1996
	STD DEV	15	6	20	27	60	62	53	46	55	39	12	8	187
SC-07 Southern  3807	31-60 AVERAGE	18	6	26	58	227	414	486	456	293	92	10	6	2093
	STD DEV	16	6	25	30	56	49	48	36	56	41	8	8	124
	41-70 AVERAGE	12	5	24	64	225	392	474	445	272	85	10	5	2013
	STD DEV	14	6	23	29	61	65	51	47	59	42	8	7	194
	51-80 AVERAGE	10	4	24	59	209	362	471	445	277	75	10	5	1952
	STD DEV	14	6	16	27	66	65	52	49	58	34	8	9	206
	61-90 AVERAGE	8	4	25	50	194	359	467	434	266	75	13	5	1901
	STD DEV	14	6	15	24	56	61	56	50	57	40	15	7	188
	71-00 AVERAGE	10	5	26	48	196	370	490	443	274	77	14	6	1957
	STD DEV	14	6	17	26	56	64	57	52	47	40	15	7	188



Section 4:

Cooling Degree Days

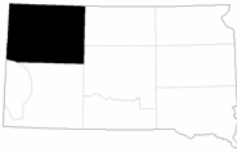
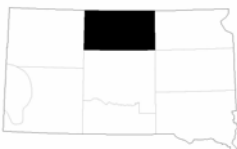
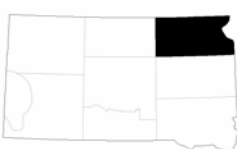

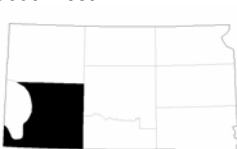
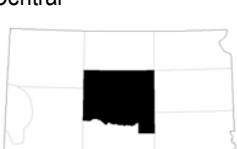
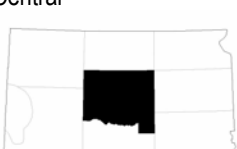
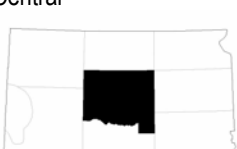
Divisional Normals, 1971-2000 (and previous periods)

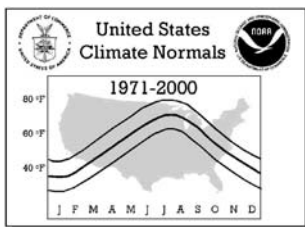
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

South Dakota

Page 54

Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
SD-01 Northwest 	31-00 AVERAGE	0	0	0	1	25	110	246	201	50	1	0	0	635
	STD DEV	0	1	1	2	21	54	75	63	28	3	0	0	146
	31-60 AVERAGE	0	0	0	1	27	106	260	200	51	2	0	0	648
	STD DEV	0	1	1	2	27	59	84	54	27	3	0	0	163
	41-70 AVERAGE	0	0	0	2	20	92	227	197	43	2	0	0	582
	STD DEV	0	1	1	2	13	45	59	61	26	3	0	0	118
	51-80 AVERAGE	0	0	0	1	23	109	236	195	46	1	0	0	612
	STD DEV	0	1	0	2	15	45	66	63	26	3	0	0	104
	61-90 AVERAGE	0	0	0	1	25	119	249	201	47	1	0	0	644
	STD DEV	0	0	1	2	17	55	60	71	28	3	0	0	119
SD-02 North Central 	71-00 AVERAGE	0	0	0	1	26	116	235	202	50	1	0	0	631
	STD DEV	0	0	1	2	18	54	68	69	30	1	0	0	133
	31-00 AVERAGE	0	0	0	2	36	122	254	202	47	2	0	0	664
	STD DEV	0	0	1	3	28	57	78	64	27	3	0	0	157
	31-60 AVERAGE	0	0	0	2	38	123	275	212	52	3	0	0	704
	STD DEV	0	0	1	3	36	64	87	64	29	4	0	0	182
	41-70 AVERAGE	0	0	0	2	28	108	239	204	41	2	0	0	625
	STD DEV	0	0	1	3	19	47	58	63	25	4	0	0	125
	51-80 AVERAGE	0	0	0	2	31	121	247	201	44	2	0	0	647
	STD DEV	0	0	0	3	19	46	66	63	25	4	0	0	111
SD-03 Northeast 	61-90 AVERAGE	0	0	0	2	34	127	255	197	41	1	0	0	658
	STD DEV	0	0	0	3	21	54	61	65	24	3	0	0	115
	71-00 AVERAGE	0	0	0	2	36	123	239	193	44	1	0	0	638
	STD DEV	0	0	0	3	22	54	71	65	25	1	0	0	135
	31-00 AVERAGE	0	0	0	2	37	117	237	183	42	3	0	0	621
	STD DEV	0	0	0	3	29	54	75	62	25	4	0	0	153
	31-60 AVERAGE	0	0	0	2	39	118	254	195	47	4	0	0	660
	STD DEV	0	0	1	3	36	63	81	64	29	5	0	0	178
	41-70 AVERAGE	0	0	0	2	29	104	218	181	37	3	0	0	573
	STD DEV	0	0	1	3	18	44	57	58	22	5	0	0	117
SD-04 Black Hills 	51-80 AVERAGE	0	0	0	2	33	114	227	180	38	3	0	0	597
	STD DEV	0	0	0	4	21	44	66	57	21	4	0	0	111
	61-90 AVERAGE	0	0	0	2	36	119	239	178	37	2	0	0	613
	STD DEV	0	0	0	4	24	47	63	63	21	4	0	0	120
	71-00 AVERAGE	0	0	0	2	40	118	226	174	39	1	0	0	601
	STD DEV	0	0	0	4	25	47	69	63	22	2	0	0	134
	31-00 AVERAGE	0	0	0	1	17	78	194	139	45	3	0	0	477
	STD DEV	0	0	0	1	21	48	78	59	30	5	0	0	185
	31-60 AVERAGE	0	0	0	1	23	93	232	165	57	5	0	0	577
	STD DEV	0	0	0	1	30	60	95	65	35	6	0	0	230
SD-05 Southwest 	41-70 AVERAGE	0	0	0	1	13	65	182	135	39	3	0	0	437
	STD DEV	0	0	0	1	11	32	51	46	23	4	0	0	104
	51-80 AVERAGE	0	0	0	0	12	71	175	120	37	3	0	0	419
	STD DEV	0	0	0	1	7	31	51	43	21	3	0	0	85
	61-90 AVERAGE	0	0	0	0	12	71	176	120	35	2	0	0	416
	STD DEV	0	0	0	1	8	34	43	47	21	3	0	0	79
	71-00 AVERAGE	0	0	0	0	12	69	162	115	35	1	0	0	395
	STD DEV	0	0	0	1	8	34	46	44	21	1	0	0	85
	31-00 AVERAGE	0	0	0	2	32	138	300	245	71	5	0	0	793
	STD DEV	0	1	1	3	25	60	84	68	35	7	0	0	169
SD-06 Central 	31-60 AVERAGE	0	0	0	2	35	140	326	259	78	6	0	0	846
	STD DEV	0	2	1	3	33	72	92	64	35	7	1	0	193
	41-70 AVERAGE	0	0	0	2	28	121	288	250	67	6	0	0	763
	STD DEV	0	2	1	3	18	53	68	67	34	9	1	0	145
	51-80 AVERAGE	0	0	0	2	31	140	296	240	70	5	0	0	784
	STD DEV	0	2	0	3	16	51	75	70	35	8	0	0	127
	61-90 AVERAGE	0	0	0	2	32	144	301	238	66	4	0	0	787
	STD DEV	0	0	1	3	18	50	65	72	35	8	0	0	117
	71-00 AVERAGE	0	0	0	1	30	138	276	232	65	3	0	0	745
	STD DEV	0	0	1	3	19	52	73	68	34	2	0	0	132
SD-06 Central 	31-00 AVERAGE	0	0	0	3	45	159	325	266	77	5	0	0	881
	STD DEV	0	1	1	4	33	67	90	75	39	7	0	0	195
	31-60 AVERAGE	0	0	0	4	48	162	353	284	86	7	0	0	945
	STD DEV	0	2	2	4	42	82	100	74	41	9	0	0	226
	41-70 AVERAGE	0	0	0	4	37	139	305	262	67	5	0	0	820
	STD DEV	0	2	2	5	23	56	67	66	32	8	0	0	141
	51-80 AVERAGE	0	0	0	3	41	157	313	258	71	4	0	0	847
	STD DEV	0	2	0	4	22	56	77	67	34	6	0	0	139
	61-90 AVERAGE	0	0	0	3	43	163	322	257	69	3	0	0	861
	STD DEV	0	0	1	4	25	56	71	75	34	5	0	0	139
SD-06 Central 	71-00 AVERAGE	0	0	0	3	45	159	304	255	74	3	0	0	842
	STD DEV	0	0	1	4	25	57	80	77	37	2	0	0	161



Section 4:

Cooling Degree Days

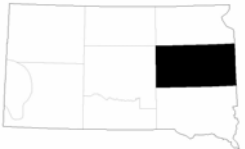
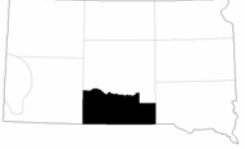
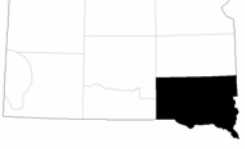
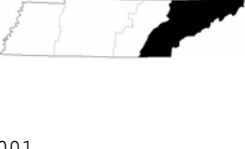


Divisional Normals, 1971-2000 (and previous periods)

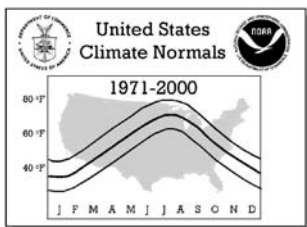
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

South Dakota – Tennessee

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
SD-07 East Central 	31-00 AVERAGE	0	0	0	2	43	142	267	202	53	4	0	0	714
	STD DEV	0	0	1	4	32	61	79	65	30	6	0	0	168
	31-60 AVERAGE	0	0	0	2	45	142	286	218	60	5	0	0	758
	STD DEV	0	0	1	4	40	71	88	68	34	7	0	0	195
	41-70 AVERAGE	0	0	0	3	36	129	249	200	45	4	0	0	664
	STD DEV	0	0	1	4	22	56	64	59	23	7	0	0	134
	51-80 AVERAGE	0	0	0	2	39	142	262	201	49	4	0	0	699
	STD DEV	0	0	0	4	23	54	71	57	25	5	0	0	123
	61-90 AVERAGE	0	0	0	3	43	146	269	196	49	3	0	0	709
	STD DEV	0	0	0	4	26	55	64	63	26	5	0	0	127
SD-08 South Central 	71-00 AVERAGE	0	0	0	2	44	141	252	192	50	2	0	0	684
	STD DEV	0	0	0	4	27	50	70	66	27	2	0	0	146
	31-00 AVERAGE	0	0	0	3	47	161	326	265	86	8	0	0	896
	STD DEV	0	2	1	5	33	66	88	74	42	11	1	0	194
	31-60 AVERAGE	0	0	0	4	52	170	358	289	99	11	0	0	984
	STD DEV	0	2	2	6	44	81	97	73	45	14	1	0	222
	41-70 AVERAGE	0	0	0	4	43	147	313	268	78	9	0	0	863
	STD DEV	0	2	2	6	26	58	68	67	35	12	1	0	152
	51-80 AVERAGE	0	0	0	3	44	160	316	255	79	8	0	0	866
	STD DEV	0	2	0	5	21	55	77	66	35	9	0	0	137
SD-09 Southeast 	61-90 AVERAGE	0	0	0	3	44	163	318	250	75	6	0	0	860
	STD DEV	0	0	1	5	22	52	67	71	36	8	0	0	121
	71-00 AVERAGE	0	0	0	3	43	157	297	246	79	4	0	0	828
	STD DEV	0	0	1	4	22	54	74	74	38	3	1	0	143
	31-00 AVERAGE	0	0	1	4	64	187	327	263	81	7	0	0	935
	STD DEV	0	0	1	5	40	69	85	76	40	10	0	0	196
	31-60 AVERAGE	0	0	1	5	66	192	354	288	94	11	0	0	1009
	STD DEV	0	1	2	6	50	84	94	83	45	13	0	0	226
	41-70 AVERAGE	0	0	1	5	58	173	311	264	72	8	0	0	891
	STD DEV	0	1	2	6	32	62	69	71	32	11	0	0	162
TN-01 Eastern 	51-80 AVERAGE	0	0	0	4	60	186	320	257	73	7	0	0	907
	STD DEV	0	1	1	6	29	59	74	65	31	9	0	0	142
	61-90 AVERAGE	0	0	1	5	63	188	323	247	72	5	0	0	903
	STD DEV	0	0	1	5	32	56	65	67	33	7	0	0	133
	71-00 AVERAGE	0	0	0	4	62	185	305	246	76	4	0	0	883
	STD DEV	0	0	1	5	32	57	74	71	35	3	0	0	156
	31-00 AVERAGE	3	1	6	11	101	242	344	312	164	34	1	0	1218
	STD DEV	6	2	7	9	44	58	56	52	53	24	3	2	181
	31-60 AVERAGE	5	1	6	13	116	274	365	335	184	42	1	1	1342
	STD DEV	8	2	9	10	39	60	48	45	53	25	1	2	131
TN-02 Cumberland Plateau 	41-70 AVERAGE	3	1	6	14	110	249	337	309	161	38	0	0	1229
	STD DEV	7	2	9	11	45	63	58	52	52	27	1	1	175
	51-80 AVERAGE	2	1	5	12	98	222	326	305	164	29	0	0	1164
	STD DEV	4	2	6	10	46	60	59	49	53	19	1	2	183
	61-90 AVERAGE	1	0	6	9	89	216	319	295	150	28	1	0	1115
	STD DEV	4	1	6	8	45	43	57	49	50	23	3	1	155
	71-00 AVERAGE	2	0	6	9	88	222	338	303	151	29	1	0	1149
	STD DEV	4	1	6	8	43	45	54	52	47	23	4	1	156
	31-00 AVERAGE	3	1	9	12	94	221	319	289	150	31	1	1	1132
	STD DEV	6	2	10	10	43	55	55	58	54	23	2	3	174
TN-03 Middle 	31-60 AVERAGE	5	2	15	26	139	323	423	399	219	60	2	2	1613
	STD DEV	7	3	17	17	48	72	60	64	65	32	3	4	176
	41-70 AVERAGE	3	2	13	30	136	301	399	370	196	53	1	1	1505
	STD DEV	6	3	15	18	53	73	66	68	56	33	2	2	198
	51-80 AVERAGE	2	1	12	26	124	277	390	359	196	43	1	1	1432
	STD DEV	4	3	11	18	51	70	63	62	60	26	1	3	207
	61-90 AVERAGE	2	1	13	21	115	266	379	344	182	40	2	1	1365
	STD DEV	4	2	10	16	52	46	57	59	59	28	3	3	163
	71-00 AVERAGE	2	1	13	18	114	271	394	352	182	41	2	1	1390
	STD DEV	4	2	9	14	50	51	54	63	57	27	3	3	183



Section 4:








Cooling Degree Days

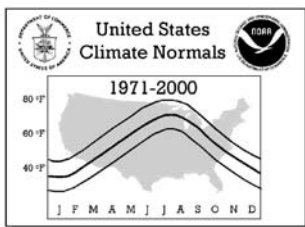
Divisional Normals, 1971-2000 (and previous periods)

CLIMATOGRAPHY OF THE UNITED STATES NO. 85
Temperature (°F), Precipitation (inches), and Degree Days

Tennessee – Texas

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
TN-04 Western 	31-00 AVERAGE	2	2	17	34	159	344	454	413	223	59	3	1	1710
	STD DEV	4	3	15	22	56	63	61	71	66	33	4	3	205
	31-60 AVERAGE	4	2	17	36	166	366	467	442	241	70	2	2	1816
	STD DEV	5	4	18	23	49	72	63	70	69	35	3	4	186
	41-70 AVERAGE	2	2	16	42	167	349	448	412	217	61	2	1	1718
	STD DEV	4	3	16	24	58	70	66	72	58	36	2	2	198
	51-80 AVERAGE	1	2	15	38	159	335	447	402	222	53	2	1	1677
	STD DEV	3	3	13	24	61	73	65	68	64	31	3	3	218
	61-90 AVERAGE	1	2	17	34	150	325	440	388	212	50	3	1	1623
	STD DEV	3	3	13	23	63	47	60	63	63	33	4	3	178
4004 TX-01 High Plains 	71-00 AVERAGE	1	2	17	30	148	329	451	398	213	51	3	1	1644
	STD DEV	3	3	11	22	57	53	55	67	62	29	4	3	190
	31-00 AVERAGE	0	0	4	24	117	317	435	390	184	33	1	0	1505
	STD DEV	0	1	5	18	47	67	61	63	56	20	1	0	191
	31-60 AVERAGE	0	0	3	23	112	337	445	415	200	38	1	0	1573
	STD DEV	0	1	4	18	37	68	58	57	56	23	1	0	180
	41-70 AVERAGE	0	0	3	27	117	318	431	399	184	34	1	0	1514
	STD DEV	0	1	5	21	43	65	60	56	42	23	2	0	177
	51-80 AVERAGE	0	0	4	26	119	325	434	383	181	33	1	0	1507
	STD DEV	0	1	6	19	48	68	71	63	51	20	1	0	203
4101 TX-02 Low Rolling Plains 	61-90 AVERAGE	0	0	4	28	116	301	424	368	170	29	1	0	1441
	STD DEV	0	1	6	19	44	61	68	60	48	19	2	0	172
	71-00 AVERAGE	0	0	4	23	117	309	423	369	175	28	1	0	1448
	STD DEV	0	1	5	16	54	72	61	62	59	14	2	0	190
	31-00 AVERAGE	1	3	20	71	213	429	564	535	298	92	7	0	2233
	STD DEV	2	4	16	38	62	76	69	77	73	41	7	0	257
	31-60 AVERAGE	1	3	18	71	210	456	574	569	323	103	6	0	2332
	STD DEV	2	4	15	39	52	79	62	74	73	46	6	0	251
	41-70 AVERAGE	1	3	17	81	215	439	568	554	304	94	7	0	2281
	STD DEV	2	4	16	45	55	74	70	75	60	48	6	0	251
4102 TX-03 North Central 	51-80 AVERAGE	1	3	21	79	215	439	570	530	297	90	6	0	2250
	STD DEV	2	5	18	42	62	75	82	85	75	41	6	0	281
	61-90 AVERAGE	0	2	22	76	210	408	551	508	277	82	8	0	2144
	STD DEV	1	4	17	40	54	62	78	67	65	37	7	0	218
	71-00 AVERAGE	1	4	22	65	213	411	550	506	282	82	7	0	2143
	STD DEV	1	5	14	33	72	76	71	73	75	27	7	0	237
	31-00 AVERAGE	3	6	34	86	236	447	587	582	357	132	16	1	2486
	STD DEV	5	7	24	41	58	64	63	70	73	50	13	2	257
	31-60 AVERAGE	4	6	32	83	236	469	598	607	377	147	14	1	2575
	STD DEV	6	6	26	42	56	64	60	67	72	60	11	2	243
4103 TX-03 North Central 	41-70 AVERAGE	3	5	28	97	237	452	593	596	356	133	16	1	2516
	STD DEV	5	6	24	49	51	61	65	66	59	59	12	2	243
	51-80 AVERAGE	2	6	34	93	235	453	597	579	359	127	15	1	2501
	STD DEV	5	7	26	47	58	65	75	75	76	51	13	2	283
	61-90 AVERAGE	2	5	37	93	231	428	574	563	340	118	19	1	2410
	STD DEV	4	6	25	43	48	58	68	60	70	43	13	2	239
	71-00 AVERAGE	3	7	36	78	234	432	576	560	343	120	16	1	2408
	STD DEV	4	7	19	35	66	64	64	71	76	30	13	2	247
	31-00 AVERAGE	9	11	41	91	243	433	548	541	351	131	21	6	2426
	STD DEV	9	10	28	40	55	51	51	61	63	49	16	7	224
4104 TN-04 East Texas 	31-60 AVERAGE	12	13	43	95	253	454	555	555	370	152	20	8	2530
	STD DEV	11	11	34	36	53	45	44	56	57	54	15	7	168
	41-70 AVERAGE	9	11	37	107	251	436	547	546	353	137	22	6	2462
	STD DEV	11	10	28	44	48	47	49	55	49	55	17	6	186
	51-80 AVERAGE	8	9	39	96	241	426	548	530	350	125	21	5	2398
	STD DEV	10	11	28	44	52	51	58	63	68	49	18	6	235
	61-90 AVERAGE	6	8	40	94	230	412	534	527	336	115	25	5	2332
	STD DEV	6	9	26	44	46	45	54	55	68	42	19	8	219
	71-00 AVERAGE	7	9	40	77	233	420	544	529	338	114	20	5	2336
	STD DEV	6	8	22	34	60	52	57	65	69	32	16	7	228
4105 TX-05 Trans Pecos 	31-00 AVERAGE	0	1	13	74	239	433	481	441	265	81	5	0	2034
	STD DEV	1	3	11	35	60	57	60	58	63	35	5	0	220
	31-60 AVERAGE	0	2	11	67	223	433	463	440	261	88	4	0	1991
	STD DEV	1	3	8	34	40	51	53	55	61	42	4	0	193
	41-70 AVERAGE	0	1	9	75	230	430	479	448	259	76	4	0	2012
	STD DEV	1	3	9	37	40	47	56	56	38	34	3	0	169
	51-80 AVERAGE	0	1	12	72	226	437	487	441	262	73	4	0	2014
	STD DEV	1	3	14	33	48	54	65	61	55	30	3	0	202
	61-90 AVERAGE	0	1	15	80	235	425	485	435	260	72	5	0	2012
	STD DEV	0	2	14	38	52	59	62	64	60	28	4	0	211
	71-00 AVERAGE	0	2	17	75	254	441	492	439	272	79	6	0	2077
	STD DEV	1	3	12	37	76	68	66	63	72	26	5	0	253



Section 4:

Cooling Degree Days








Divisional Normals, 1971-2000 (and previous periods)

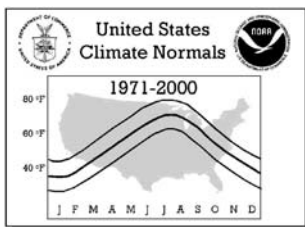
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Texas – Utah

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
TX-06 Edwards Plateau 	31-00 AVERAGE	4	7	44	113	273	449	549	534	343	141	17	2	2477
	STD DEV	6	8	29	45	63	59	57	60	66	54	14	3	232
	31-60 AVERAGE	6	9	44	110	269	463	554	553	359	161	17	2	2547
	STD DEV	7	8	32	44	51	57	41	50	62	66	15	3	208
	41-70 AVERAGE	4	7	37	119	266	451	555	545	341	138	16	2	2480
	STD DEV	6	8	28	52	48	50	49	55	52	58	11	2	201
	51-80 AVERAGE	3	6	43	118	259	448	549	522	335	127	14	1	2426
	STD DEV	6	9	30	53	55	56	70	74	72	50	12	2	257
	61-90 AVERAGE	2	5	44	119	263	430	534	512	325	123	18	1	2377
	STD DEV	4	7	28	49	56	54	67	65	68	42	13	2	226
TX-07 South Central 	71-00 AVERAGE	3	7	46	109	280	441	541	517	332	128	17	1	2422
	STD DEV	4	7	24	42	77	64	68	65	70	32	13	2	241
	31-00 AVERAGE	21	25	78	163	338	497	591	592	430	221	57	16	3030
	STD DEV	16	20	41	53	60	47	44	44	54	60	32	13	217
	31-60 AVERAGE	24	27	77	160	343	512	600	606	437	237	50	17	3089
	STD DEV	19	19	47	48	56	43	37	36	50	71	28	12	197
	41-70 AVERAGE	20	25	70	177	343	501	597	602	432	221	56	17	3061
	STD DEV	18	22	42	57	52	42	39	44	48	70	28	13	207
	51-80 AVERAGE	19	24	81	174	333	494	593	587	429	210	54	15	3013
	STD DEV	17	22	42	59	56	47	50	54	62	64	34	13	244
TX-08 Upper Coast 	61-90 AVERAGE	16	20	80	173	330	481	578	580	422	206	65	15	2966
	STD DEV	13	19	38	58	56	44	47	48	60	54	35	15	215
	71-00 AVERAGE	20	25	84	153	335	487	582	579	426	211	61	14	2976
	STD DEV	15	19	32	49	67	50	49	44	60	39	35	12	212
	31-00 AVERAGE	28	28	71	153	330	484	566	562	422	215	67	21	2947
	STD DEV	21	22	38	49	53	36	33	39	49	56	36	17	182
	31-60 AVERAGE	34	32	70	147	330	491	565	562	423	227	59	23	2961
	STD DEV	25	24	44	41	55	34	30	32	43	62	30	18	148
	41-70 AVERAGE	27	28	64	169	337	487	568	567	425	219	66	21	2979
	STD DEV	24	23	40	51	48	35	31	38	39	66	31	13	157
TX-09 Southern 	51-80 AVERAGE	25	24	69	161	327	480	568	559	424	206	64	19	2927
	STD DEV	20	22	37	54	50	37	36	43	53	62	38	14	194
	61-90 AVERAGE	21	20	70	162	324	472	559	557	417	202	76	20	2899
	STD DEV	16	18	33	55	46	35	34	40	55	55	40	19	192
	71-00 AVERAGE	25	26	77	145	331	482	569	562	421	205	72	20	2934
	STD DEV	18	19	28	46	56	39	37	43	56	44	40	18	203
	31-00 AVERAGE	30	42	132	254	431	567	649	643	481	267	75	24	3598
	STD DEV	23	30	56	67	69	57	53	49	58	67	37	17	255
	31-60 AVERAGE	34	43	127	247	431	582	662	657	485	278	64	24	3632
	STD DEV	26	27	63	62	60	52	43	45	52	79	30	15	232
TX-10 Lower Valley 	41-70 AVERAGE	28	40	118	272	433	579	666	658	487	266	69	24	3638
	STD DEV	25	33	58	71	58	50	45	46	57	81	32	18	242
	51-80 AVERAGE	27	38	133	269	422	564	645	635	478	252	68	23	3553
	STD DEV	22	33	57	70	65	57	64	60	67	71	38	18	278
	61-90 AVERAGE	24	34	133	267	423	549	629	626	474	254	85	24	3523
	STD DEV	19	29	50	70	67	55	58	53	66	61	41	21	256
	71-00 AVERAGE	31	43	145	245	434	557	637	631	480	263	82	24	3571
	STD DEV	22	29	42	61	79	63	59	50	63	45	42	17	262
	31-00 AVERAGE	80	84	185	301	453	549	611	616	497	330	148	73	3928
	STD DEV	47	45	66	61	58	40	43	37	46	64	57	38	243
UT-01 Western 	31-60 AVERAGE	94	92	182	298	455	550	611	618	497	342	138	79	3956
	STD DEV	49	45	77	55	57	37	39	34	42	71	48	37	250
	41-70 AVERAGE	78	84	172	320	456	548	616	620	503	328	141	76	3942
	STD DEV	51	52	71	52	53	39	36	34	44	73	45	39	239
	51-80 AVERAGE	75	73	185	312	445	537	599	608	494	312	133	67	3839
	STD DEV	47	48	68	59	55	39	46	40	51	70	55	37	217
	61-90 AVERAGE	62	66	183	309	444	539	601	609	496	318	155	65	3847
	STD DEV	40	40	56	62	53	38	46	39	52	65	61	42	201
	71-00 AVERAGE	77	83	200	290	457	555	614	617	498	329	158	67	3943
	STD DEV	45	40	49	63	60	44	50	37	50	50	67	37	244
UT-01 Western 	31-00 AVERAGE	0	0	0	1	19	104	275	220	52	2	0	0	673
	STD DEV	0	0	0	2	13	46	51	50	25	3	0	0	114
	31-60 AVERAGE	0	0	0	1	17	94	272	212	53	2	0	0	652
	STD DEV	0	0	0	2	14	41	47	41	23	3	0	0	103
	41-70 AVERAGE	0	0	0	1	17	86	273	213	52	2	0	0	645
	STD DEV	0	0	0	2	13	41	44	53	27	3	0	0	113
	51-80 AVERAGE	0	0	0	1	18	105	285	213	52	2	0	0	676
	STD DEV	0	0	0	2	14	43	38	55	27	3	0	0	95
	61-90 AVERAGE	0	0	0	1	18	112	281	217	49	2	0	0	680
	STD DEV	0	0	0	2	12	49	49	56	29	3	0	0	110
4201	71-00 AVERAGE	0	0	0	2	20	120	277	227	52	2	0	0	699
	STD DEV	0	0	0	3	12	48	58	51	24	2	0	0	115



Section 4:

Cooling Degree Days





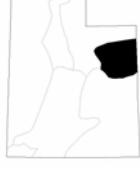



Divisional Normals, 1971-2000 (and previous periods)

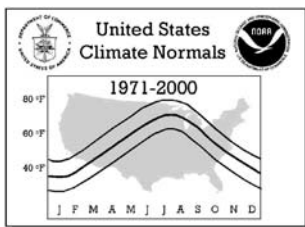
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Utah

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
UT-02 Dixie 	31-00 AVERAGE	0	1	5	38	135	326	534	476	258	89	2	0	1865
	STD DEV	0	2	7	26	55	72	60	64	63	47	2	0	236
	31-60 AVERAGE	0	1	6	46	147	338	567	507	295	111	3	0	2022
	STD DEV	0	2	7	25	55	59	53	50	51	54	3	0	183
	41-70 AVERAGE	0	1	4	37	129	303	538	470	264	93	3	0	1840
	STD DEV	0	2	4	25	45	66	60	67	73	48	2	0	250
	51-80 AVERAGE	0	1	4	27	113	303	516	445	236	77	2	0	1724
	STD DEV	0	2	5	19	46	65	54	65	67	32	2	0	208
	61-90 AVERAGE	0	0	4	30	119	316	510	435	219	72	2	0	1706
	STD DEV	1	1	6	23	47	76	51	60	59	35	2	0	191
UT-03 North Central 	71-00 AVERAGE	0	1	6	36	132	334	515	458	239	74	2	0	1797
	STD DEV	1	2	7	26	56	71	52	54	51	34	2	0	174
	31-00 AVERAGE	0	0	0	3	27	114	287	235	68	4	0	0	738
	STD DEV	0	0	0	4	19	50	53	52	31	4	0	0	125
	31-60 AVERAGE	0	0	0	3	28	111	295	236	73	6	0	0	752
	STD DEV	0	0	0	4	23	48	44	39	27	4	0	0	107
	41-70 AVERAGE	0	0	0	3	25	96	286	229	67	5	0	0	711
	STD DEV	0	0	0	4	18	43	38	52	32	5	0	0	107
	51-80 AVERAGE	0	0	0	2	25	110	286	216	64	4	0	0	706
	STD DEV	0	0	0	2	18	46	35	58	32	5	0	0	103
UT-04 South Central 	61-90 AVERAGE	0	0	0	2	23	115	282	220	60	3	0	0	706
	STD DEV	0	0	0	3	15	51	46	57	36	5	0	0	115
	71-00 AVERAGE	0	0	0	3	25	124	281	237	66	3	0	0	738
	STD DEV	0	0	0	4	16	50	63	55	33	4	0	0	137
	31-00 AVERAGE	0	0	0	1	8	62	162	116	24	1	0	0	373
	STD DEV	0	0	0	1	7	33	43	36	14	2	0	0	92
	31-60 AVERAGE	0	0	0	1	9	61	162	116	27	1	0	0	377
	STD DEV	0	0	0	1	8	32	48	36	13	2	0	0	102
	41-70 AVERAGE	0	0	0	0	7	50	153	107	23	1	0	0	343
	STD DEV	0	0	0	1	6	29	35	37	14	2	0	0	79
UT-05 Northern Mountains 	51-80 AVERAGE	0	0	0	0	8	60	161	106	21	1	0	0	357
	STD DEV	0	0	0	1	7	29	31	38	14	2	0	0	68
	61-90 AVERAGE	0	0	0	0	7	64	164	110	21	1	0	0	367
	STD DEV	0	0	0	1	6	32	35	36	15	2	0	0	73
	71-00 AVERAGE	0	0	0	1	8	69	161	114	22	1	0	0	375
	STD DEV	0	0	0	1	6	33	43	33	13	2	0	0	86
	31-00 AVERAGE	0	0	0	0	1	17	61	42	5	0	0	0	126
	STD DEV	0	0	0	0	2	15	26	23	5	0	0	0	49
	31-60 AVERAGE	0	0	0	0	1	15	58	36	4	0	0	0	114
	STD DEV	0	0	0	0	2	13	25	17	2	0	0	0	43
UT-06 Unita Basin 	41-70 AVERAGE	0	0	0	0	1	11	53	34	4	0	0	0	102
	STD DEV	0	0	0	0	1	9	20	17	3	0	0	0	33
	51-80 AVERAGE	0	0	0	0	1	15	56	33	4	0	0	0	107
	STD DEV	0	0	0	0	1	12	18	19	4	0	0	0	31
	61-90 AVERAGE	0	0	0	0	1	19	61	39	5	0	0	0	125
	STD DEV	0	0	0	0	1	16	22	21	6	0	0	0	42
	71-00 AVERAGE	0	0	0	0	1	22	63	49	6	0	0	0	140
	STD DEV	0	0	0	0	1	16	29	26	6	0	0	0	55
	31-00 AVERAGE	0	0	0	1	13	80	201	147	28	0	0	0	470
	STD DEV	0	0	0	1	10	39	45	43	16	1	0	0	98
UT-07 Southeast 	31-60 AVERAGE	0	0	0	1	13	69	187	131	26	0	0	0	427
	STD DEV	0	0	0	1	10	34	39	32	12	1	0	0	83
	41-70 AVERAGE	0	0	0	1	13	66	197	139	27	0	0	0	443
	STD DEV	0	0	0	2	9	32	40	41	15	1	0	0	86
	51-80 AVERAGE	0	0	0	0	13	82	212	142	27	0	0	0	477
	STD DEV	0	0	0	1	9	37	34	44	16	1	0	0	73
	61-90 AVERAGE	0	0	0	1	13	90	217	155	28	0	0	0	504
	STD DEV	0	0	0	1	8	42	36	46	19	1	0	0	79
	71-00 AVERAGE	0	0	0	1	14	94	210	161	30	0	0	0	510
	STD DEV	0	0	0	2	9	41	51	44	18	1	0	0	98
UT-07 Southeast 	31-00 AVERAGE	0	0	0	4	38	171	344	273	80	5	0	0	915
	STD DEV	0	0	0	5	23	57	49	50	30	5	0	0	136
	31-60 AVERAGE	0	0	0	4	35	155	329	257	80	6	0	0	865
	STD DEV	0	0	0	4	21	48	44	34	28	5	0	0	101
	41-70 AVERAGE	0	0	0	3	35	148	336	259	79	6	0	0	866
	STD DEV	0	0	0	4	19	48	44	47	32	6	0	0	109
	51-80 AVERAGE	0	0	0	2	35	171	352	263	76	6	0	0	905
	STD DEV	0	0	0	3	21	53	42	49	30	6	0	0	109
	61-90 AVERAGE	0	0	0	3	37	181	353	274	75	5	0	0	928
	STD DEV	0	0	0	4	21	60	43	48	33	6	0	0	118
UT-07 Southeast 	71-00 AVERAGE	0	0	0	4	41	196	358	293	85	5	0	0	983
	STD DEV	0	0	0	6	25	59	53	51	31	5	0	0	144



Section 4:

Cooling Degree Days








Divisional Normals, 1971-2000 (and previous periods)

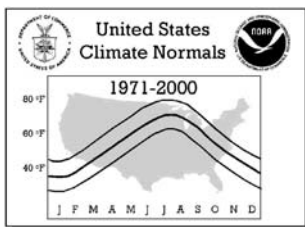
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Vermont - Virginia

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
VT-01 Northeastern 	31-00 AVERAGE	0	0	0	0	8	28	94	67	10	0	0	0	207
	STD DEV	0	0	0	0	8	18	36	34	11	1	0	0	69
	31-60 AVERAGE	0	0	0	0	9	31	104	75	11	0	0	0	230
	STD DEV	0	0	0	0	8	18	38	41	9	1	0	0	77
	41-70 AVERAGE	0	0	0	0	8	30	97	66	12	0	0	0	213
	STD DEV	0	0	0	0	8	19	39	35	13	1	0	0	75
	51-80 AVERAGE	0	0	0	0	9	29	95	66	10	0	0	0	209
	STD DEV	0	0	0	0	9	18	38	32	13	1	0	0	68
	61-90 AVERAGE	0	0	0	0	8	26	93	64	9	0	0	0	200
	STD DEV	0	0	0	0	8	19	30	28	13	1	0	0	53
VT-02 Western 	71-00 AVERAGE	0	0	0	0	9	24	87	61	7	0	0	0	188
	STD DEV	0	0	0	0	9	19	31	27	6	1	0	0	59
	31-00 AVERAGE	0	0	0	0	14	56	145	106	19	1	0	0	340
	STD DEV	0	0	0	0	11	27	44	42	15	2	0	0	88
	31-60 AVERAGE	0	0	0	0	14	59	150	111	21	1	0	0	355
	STD DEV	0	0	0	0	11	29	46	50	13	2	0	0	99
	41-70 AVERAGE	0	0	0	0	13	60	145	103	22	1	0	0	343
	STD DEV	0	0	0	0	12	30	46	43	18	2	0	0	96
	51-80 AVERAGE	0	0	0	0	14	57	146	106	20	1	0	0	343
	STD DEV	0	0	0	0	13	25	47	41	18	2	0	0	89
VT-03 Southeastern 	61-90 AVERAGE	0	0	0	0	14	53	146	104	18	1	0	0	336
	STD DEV	0	0	0	0	12	26	37	37	18	2	0	0	71
	71-00 AVERAGE	0	0	0	0	14	52	142	103	15	0	0	0	327
	STD DEV	0	0	0	0	12	27	44	36	11	1	0	0	84
	31-00 AVERAGE	0	0	0	0	9	40	113	83	10	0	0	0	255
	STD DEV	0	0	0	0	8	23	39	36	10	1	0	0	75
	31-60 AVERAGE	0	0	0	0	7	36	105	77	9	0	0	0	234
	STD DEV	0	0	0	0	6	21	39	37	7	1	0	0	73
	41-70 AVERAGE	0	0	0	0	7	38	106	75	10	0	0	0	236
	STD DEV	0	0	0	0	7	22	39	35	13	1	0	0	73
VA-01 Tidewater 	51-80 AVERAGE	0	0	0	0	8	39	110	80	10	0	0	0	247
	STD DEV	0	0	0	0	7	22	39	33	13	1	0	0	68
	61-90 AVERAGE	0	0	0	0	8	38	115	85	10	0	0	0	256
	STD DEV	0	0	0	0	7	21	32	34	12	1	0	0	60
	71-00 AVERAGE	0	0	0	0	11	45	125	93	9	0	0	0	283
	STD DEV	0	0	0	0	9	26	38	35	6	1	0	0	75
	31-00 AVERAGE	2	0	2	9	91	265	398	351	184	37	1	1	1341
	STD DEV	4	0	4	9	38	54	51	48	51	24	2	2	141
	31-60 AVERAGE	3	0	3	10	99	277	397	353	191	41	1	1	1376
	STD DEV	6	0	6	10	38	52	47	43	51	25	2	2	117
VA-02 Eastern Piedmont 	41-70 AVERAGE	2	0	3	10	97	263	391	346	183	41	1	0	1337
	STD DEV	4	0	6	9	42	53	49	45	51	24	1	1	145
	51-80 AVERAGE	1	0	2	10	87	247	388	360	189	36	1	1	1322
	STD DEV	2	1	3	10	38	53	46	48	52	23	1	2	154
	61-90 AVERAGE	1	0	2	7	83	251	387	351	179	35	1	1	1298
	STD DEV	2	1	3	7	31	54	47	52	53	25	3	2	144
	71-00 AVERAGE	1	0	2	9	87	261	408	354	184	34	1	1	1343
	STD DEV	2	1	3	8	36	57	55	55	45	25	3	2	148
	31-00 AVERAGE	1	0	4	7	86	242	365	317	150	26	0	0	1197
	STD DEV	3	0	6	7	38	55	52	49	50	19	1	1	147
VA-03 Western Piedmont 	31-60 AVERAGE	2	0	4	8	97	261	374	327	160	30	0	0	1265
	STD DEV	4	0	9	8	38	55	51	42	49	20	1	1	125
	41-70 AVERAGE	1	0	4	9	94	243	360	313	146	28	0	0	1199
	STD DEV	3	0	8	8	43	54	50	44	50	21	0	1	146
	51-80 AVERAGE	0	0	3	8	82	222	352	321	151	24	0	0	1164
	STD DEV	2	0	4	7	39	52	48	46	52	17	1	1	150
	61-90 AVERAGE	1	0	3	6	77	225	348	311	143	23	1	0	1138
	STD DEV	2	0	4	5	32	51	48	53	51	20	2	1	138
	71-00 AVERAGE	1	0	3	6	75	231	365	313	147	23	1	0	1164
	STD DEV	2	0	4	6	32	54	55	57	45	20	2	1	141
VA-03 Western Piedmont 	31-00 AVERAGE	1	0	3	8	89	230	342	296	139	26	0	0	1134
	STD DEV	2	0	6	8	41	57	55	52	50	19	1	1	166
	31-60 AVERAGE	2	0	4	10	104	256	354	309	153	33	1	0	1225
	STD DEV	3	0	8	10	40	59	55	48	53	19	1	1	161
	41-70 AVERAGE	1	0	4	11	98	232	334	292	134	29	0	0	1134
	STD DEV	2	0	8	10	46	56	47	46	47	20	1	1	152
	51-80 AVERAGE	0	0	3	8	85	208	326	295	137	23	0	0	1086
	STD DEV	1	0	4	8	42	55	47	44	48	17	0	1	143
	61-90 AVERAGE	0	0	3	6	77	209	323	287	130	22	0	0	1057
	STD DEV	1	0	4	5	38	48	51	53	47	19	1	1	131
4403	71-00 AVERAGE	0	0	3	6	73	211	338	290	131	22	0	0	1073
	STD DEV	1	0	4	5	32	52	57	57	42	19	2	1	141



Section 4:

Cooling Degree Days









Divisional Normals, 1971-2000 (and previous periods)

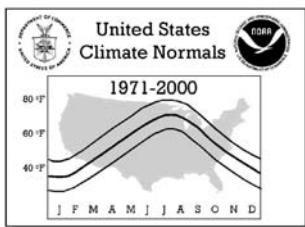
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Virginia – Washington

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
VA-04 Northern 	31-00 AVERAGE	0	0	1	4	61	182	301	252	101	15	0	0	918
	STD DEV	1	0	3	4	32	47	53	50	41	13	0	0	130
	31-60 AVERAGE	1	0	1	5	68	193	310	260	108	18	0	0	963
	STD DEV	2	0	4	5	32	51	56	48	42	14	0	0	127
	41-70 AVERAGE	0	0	1	5	69	189	304	255	105	19	0	0	947
	STD DEV	2	0	4	5	36	45	51	47	41	14	0	0	117
	51-80 AVERAGE	0	0	1	5	61	176	300	263	110	15	0	0	931
	STD DEV	0	0	2	5	32	47	51	43	43	12	0	0	127
	61-90 AVERAGE	0	0	1	3	56	174	292	251	100	13	0	0	891
	STD DEV	0	0	2	3	28	42	45	49	42	13	0	0	108
VA-05 Central Mountain 	71-00 AVERAGE	0	0	1	3	53	171	296	246	95	12	0	0	877
	STD DEV	0	0	1	4	28	46	53	57	36	12	0	0	129
	31-00 AVERAGE	0	0	1	2	52	156	260	217	87	11	0	0	787
	STD DEV	1	0	3	3	29	46	55	48	38	10	0	0	133
	31-60 AVERAGE	1	0	1	3	57	168	266	221	93	13	0	0	822
	STD DEV	2	0	3	4	27	49	57	48	40	9	0	1	129
	41-70 AVERAGE	0	0	1	3	55	154	250	209	83	12	0	0	768
	STD DEV	2	0	3	3	31	45	49	45	36	9	0	1	121
	51-80 AVERAGE	0	0	1	3	51	143	252	218	89	10	0	0	767
	STD DEV	1	0	2	3	30	47	49	45	38	9	0	1	133
VA-06 Southwestern Mountain 	61-90 AVERAGE	0	0	1	2	47	143	246	211	81	10	0	0	741
	STD DEV	1	0	2	2	27	42	47	47	38	12	1	0	122
	71-00 AVERAGE	0	0	1	2	46	150	263	219	84	10	0	0	775
	STD DEV	1	0	2	3	28	46	56	52	34	11	1	0	138
	31-00 AVERAGE	1	0	1	2	48	127	206	172	71	11	0	0	638
	STD DEV	3	0	3	3	28	44	49	43	34	10	0	0	126
	31-60 AVERAGE	1	0	1	3	56	146	220	188	81	14	0	0	711
	STD DEV	4	0	4	3	28	49	51	44	36	10	0	0	120
	41-70 AVERAGE	1	0	2	3	55	136	208	177	72	13	0	0	666
	STD DEV	3	0	4	3	30	45	48	45	31	10	0	0	111
WA-01 West Olympic Coastal 	51-80 AVERAGE	0	0	1	3	48	117	198	173	73	10	0	0	622
	STD DEV	2	0	2	3	30	49	49	40	32	9	0	0	134
	61-90 AVERAGE	0	0	2	1	41	111	187	159	63	9	0	0	573
	STD DEV	2	0	2	2	27	36	40	37	31	11	1	0	99
	71-00 AVERAGE	0	0	1	1	38	111	197	160	62	8	0	0	579
	STD DEV	2	0	2	2	24	39	46	42	29	11	1	0	108
	31-00 AVERAGE	0	0	0	0	0	1	6	7	4	0	0	0	18
	STD DEV	0	0	0	0	0	2	6	6	5	0	0	0	13
	31-60 AVERAGE	0	0	0	0	0	1	5	5	3	0	0	0	14
	STD DEV	0	0	0	0	0	2	6	4	3	0	0	0	10
WA-02 NE Olympic San Juan 	41-70 AVERAGE	0	0	0	0	0	1	5	5	3	0	0	0	15
	STD DEV	0	0	0	0	0	2	6	6	4	0	0	0	13
	51-80 AVERAGE	0	0	0	0	0	1	4	6	4	0	0	0	15
	STD DEV	0	0	0	0	0	2	4	6	5	0	0	0	12
	61-90 AVERAGE	0	0	0	0	0	1	5	8	5	0	0	0	19
	STD DEV	0	0	0	0	0	2	5	8	5	0	0	0	13
	71-00 AVERAGE	0	0	0	0	0	1	7	10	5	0	0	0	23
	STD DEV	0	0	0	0	1	2	6	7	5	0	0	0	12
	31-00 AVERAGE	0	0	0	0	0	2	10	10	2	0	0	0	24
	STD DEV	0	0	0	0	1	3	9	8	3	0	0	0	18
WA-03 Puget Sound Lowlands 	31-60 AVERAGE	0	0	0	0	0	2	9	6	1	0	0	0	18
	STD DEV	0	0	0	0	1	4	12	6	2	0	0	0	20
	41-70 AVERAGE	0	0	0	0	0	2	10	7	2	0	0	0	21
	STD DEV	0	0	0	0	1	4	12	7	3	0	0	0	22
	51-80 AVERAGE	0	0	0	0	0	2	10	9	2	0	0	0	24
	STD DEV	0	0	0	0	1	4	11	8	3	0	0	0	21
	61-90 AVERAGE	0	0	0	0	0	2	10	11	2	0	0	0	25
	STD DEV	0	0	0	0	0	3	7	8	3	0	0	0	13
	71-00 AVERAGE	0	0	0	0	0	2	12	13	3	0	0	0	30
	STD DEV	0	0	0	0	1	2	7	8	3	0	0	0	14
WA-03 Puget Sound Lowlands 	31-00 AVERAGE	0	0	0	0	2	11	43	42	10	0	0	0	108
	STD DEV	0	0	0	0	3	10	25	24	8	0	0	0	48
	31-60 AVERAGE	0	0	0	0	2	10	41	32	7	0	0	0	91
	STD DEV	0	0	0	0	3	9	27	16	5	0	0	0	47
	41-70 AVERAGE	0	0	0	0	2	12	44	36	8	0	0	0	101
	STD DEV	0	0	0	0	3	12	28	23	8	0	0	0	54
	51-80 AVERAGE	0	0	0	0	1	11	42	38	9	0	0	0	103
	STD DEV	0	0	0	0	3	12	25	26	9	0	0	0	53
	61-90 AVERAGE	0	0	0	0	1	12	41	47	10	0	0	0	112
	STD DEV	0	0	0	0	1	10	20	27	9	0	0	0	42
WA-03 Puget Sound Lowlands 	71-00 AVERAGE	0	0	0	0	2	11	47	53	13	0	0	0	126
	STD DEV	0	0	0	0	3	9	23	25	9	0	0	0	41



Section 4:

Cooling Degree Days








Divisional Normals, 1971-2000 (and previous periods)

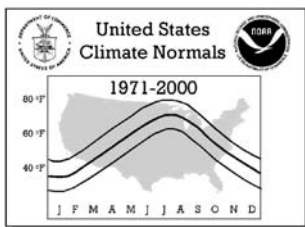
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Washington

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
WA-04 E Olympic Cascade Fthls 	31-00 AVERAGE	0	0	0	0	3	12	45	45	13	0	0	0	118
	STD DEV	0	0	0	0	4	10	25	25	10	0	0	0	48
	31-60 AVERAGE	0	0	0	0	3	12	45	39	12	0	0	0	112
	STD DEV	0	0	0	1	4	10	27	20	8	0	0	0	49
	41-70 AVERAGE	0	0	0	0	3	12	44	38	12	0	0	0	108
	STD DEV	0	0	0	0	4	12	28	26	10	0	0	0	58
	51-80 AVERAGE	0	0	0	0	2	12	42	38	12	0	0	0	106
	STD DEV	0	0	0	0	4	12	25	28	11	0	0	0	56
	61-90 AVERAGE	0	0	0	0	2	13	40	47	13	0	0	0	115
	STD DEV	0	0	0	0	2	11	23	30	11	0	0	0	47
4504 WA-05 Cascade Mountains West 	71-00 AVERAGE	0	0	0	0	3	12	46	51	15	0	0	0	126
	STD DEV	0	0	0	0	4	10	25	26	11	0	0	0	43
	31-00 AVERAGE	0	0	0	0	1	8	30	34	13	0	0	0	87
	STD DEV	0	0	0	0	2	8	21	24	11	1	0	0	45
	31-60 AVERAGE	0	0	0	0	1	5	26	22	10	0	0	0	64
	STD DEV	0	0	0	0	1	5	18	13	7	1	0	0	29
	41-70 AVERAGE	0	0	0	0	1	7	27	26	11	0	0	0	71
	STD DEV	0	0	0	0	1	8	19	24	10	1	0	0	45
	51-80 AVERAGE	0	0	0	0	1	8	28	30	12	0	0	0	78
	STD DEV	0	0	0	0	1	8	17	28	10	1	0	0	45
4505 WA-06 East Slope Cascades 	61-90 AVERAGE	0	0	0	0	1	10	30	40	14	0	0	0	94
	STD DEV	0	0	0	0	1	8	21	29	12	1	0	0	44
	71-00 AVERAGE	0	0	0	0	1	10	35	43	17	0	0	0	107
	STD DEV	0	0	0	0	2	8	25	25	12	1	0	0	44
	31-00 AVERAGE	0	0	0	0	3	21	77	71	19	0	0	0	190
	STD DEV	0	0	0	0	4	17	37	37	14	0	0	0	72
	31-60 AVERAGE	0	0	0	0	3	16	73	57	16	0	0	0	165
	STD DEV	0	0	0	0	4	12	34	28	9	0	0	0	62
	41-70 AVERAGE	0	0	0	0	2	19	72	60	17	0	0	0	170
	STD DEV	0	0	0	0	4	17	35	37	12	0	0	0	76
4506 WA-07 Okanogan Big Bend 	51-80 AVERAGE	0	0	0	0	2	21	74	66	16	0	0	0	180
	STD DEV	0	0	0	0	4	17	34	42	12	0	0	0	77
	61-90 AVERAGE	0	0	0	0	2	25	74	77	18	0	0	0	196
	STD DEV	0	0	0	0	2	18	34	42	15	0	0	0	67
	71-00 AVERAGE	0	0	0	0	3	24	83	85	21	0	0	0	217
	STD DEV	0	0	0	0	4	19	42	37	17	0	0	0	69
	31-00 AVERAGE	0	0	0	0	14	61	169	152	50	1	0	0	445
	STD DEV	0	0	0	1	12	33	56	54	28	1	0	0	104
	31-60 AVERAGE	0	0	0	0	15	55	173	136	47	1	0	0	427
	STD DEV	0	0	0	1	14	27	53	42	23	2	0	0	100
4507 WA-08 Central Basin 	41-70 AVERAGE	0	0	0	0	13	58	169	138	48	1	0	0	428
	STD DEV	0	0	0	0	13	33	53	54	26	1	0	0	115
	51-80 AVERAGE	0	0	0	0	12	61	168	144	47	0	0	0	432
	STD DEV	0	0	0	0	12	35	52	63	26	1	0	0	119
	61-90 AVERAGE	0	0	0	0	11	69	164	162	48	0	0	0	453
	STD DEV	0	0	0	0	7	37	54	63	30	1	0	0	101
	71-00 AVERAGE	0	0	0	0	13	61	166	167	51	0	0	0	459
	STD DEV	0	0	0	0	10	36	63	56	29	1	0	0	99
	31-00 AVERAGE	0	0	0	2	27	93	234	204	70	2	0	0	630
	STD DEV	2	0	0	3	19	41	64	63	33	3	0	0	123
4508 WA-09 Northeastern 	31-60 AVERAGE	0	0	0	2	31	88	244	191	69	2	0	0	628
	STD DEV	2	0	0	3	24	36	63	52	28	3	0	0	122
	41-70 AVERAGE	1	0	0	1	27	91	238	194	70	2	0	0	623
	STD DEV	2	0	0	2	22	43	65	68	32	3	0	0	143
	51-80 AVERAGE	1	0	0	1	24	95	234	198	68	2	0	0	623
	STD DEV	2	0	0	2	19	46	59	76	32	3	0	0	146
	61-90 AVERAGE	1	0	0	1	22	100	224	212	67	1	0	0	628
	STD DEV	2	0	0	2	12	45	59	74	37	2	0	0	122
	71-00 AVERAGE	0	0	0	2	24	90	224	214	68	1	0	0	624
	STD DEV	2	0	0	2	15	42	66	62	34	2	0	0	109
4509 WA-09 Northeastern 	31-00 AVERAGE	0	0	0	0	7	31	105	97	28	0	0	0	267
	STD DEV	0	0	0	0	7	22	44	43	20	0	0	0	81
	31-60 AVERAGE	0	0	0	0	8	28	106	81	25	0	0	0	249
	STD DEV	0	0	0	1	9	18	36	33	16	0	0	0	72
	41-70 AVERAGE	0	0	0	0	6	27	100	84	25	0	0	0	242
	STD DEV	0	0	0	0	9	19	36	43	18	0	0	0	84
	51-80 AVERAGE	0	0	0	0	5	28	98	89	24	0	0	0	245
	STD DEV	0	0	0	0	8	20	35	49	18	0	0	0	86
	61-90 AVERAGE	0	0	0	0	5	34	100	105	27	0	0	0	271
	STD DEV	0	0	0	0	4	24	44	48	22	0	0	0	80
	71-00 AVERAGE	0	0	0	0	7	34	109	113	30	0	0	0	291
	STD DEV	0	0	0	0	7	24	54	42	20	0	0	0	79



Section 4:

Cooling Degree Days








Divisional Normals, 1971-2000 (and previous periods)

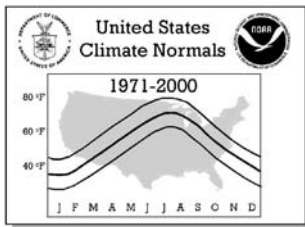
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Washington – West Virginia

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
WA-10 Palouse Blue Mountains 	31-00 AVERAGE	0	0	0	0	9	47	150	138	43	1	0	0	388
	STD DEV	2	0	0	1	9	27	49	51	25	1	0	0	93
	31-60 AVERAGE	1	0	0	0	11	45	163	128	43	1	0	0	392
	STD DEV	3	0	0	1	11	22	42	41	22	2	0	0	82
	41-70 AVERAGE	0	0	0	0	9	45	155	132	44	1	0	0	388
	STD DEV	2	0	0	1	9	27	47	53	26	2	0	0	102
	51-80 AVERAGE	0	0	0	0	8	48	150	134	43	1	0	0	384
	STD DEV	2	0	0	0	9	29	44	63	25	1	0	0	109
	61-90 AVERAGE	0	0	0	0	6	51	141	144	41	1	0	0	385
	STD DEV	1	0	0	1	5	31	49	60	29	1	0	0	98
4510 WV-01 Northwestern 	71-00 AVERAGE	0	0	0	0	7	45	137	145	40	0	0	0	375
	STD DEV	2	0	0	1	7	29	54	55	24	1	0	0	91
	31-00 AVERAGE	0	0	1	4	67	178	280	240	101	14	0	0	886
	STD DEV	2	0	3	4	37	52	57	58	41	12	0	0	143
	31-60 AVERAGE	1	0	2	5	70	196	294	252	110	17	0	0	945
	STD DEV	2	0	4	5	33	57	57	54	43	12	0	0	128
	41-70 AVERAGE	0	0	1	5	69	182	274	233	99	16	0	0	880
	STD DEV	2	0	4	5	39	51	52	55	42	12	0	0	126
	51-80 AVERAGE	0	0	1	4	65	163	263	233	103	13	0	0	844
	STD DEV	0	0	3	4	36	51	49	52	44	12	0	0	131
4601 WV-02 North Central 	61-90 AVERAGE	0	0	1	3	63	158	262	229	98	13	0	0	826
	STD DEV	1	0	3	3	38	43	50	56	42	13	1	0	127
	71-00 AVERAGE	0	0	1	3	63	165	275	238	95	12	0	0	853
	STD DEV	1	0	3	4	38	50	59	64	34	13	1	0	148
	31-00 AVERAGE	1	0	2	3	57	159	249	211	86	13	0	0	780
	STD DEV	3	0	4	4	32	50	56	55	38	12	1	0	140
	31-60 AVERAGE	2	0	2	4	66	184	268	229	98	17	0	0	870
	STD DEV	5	0	5	5	31	53	59	50	39	12	0	0	120
	41-70 AVERAGE	1	0	2	4	64	168	248	209	86	15	0	0	797
	STD DEV	4	0	5	5	36	51	55	53	38	13	0	0	129
4602 WV-03 Southwestern 	51-80 AVERAGE	0	0	1	3	56	145	235	207	88	11	0	0	746
	STD DEV	1	0	3	4	33	50	50	52	39	10	0	0	131
	61-90 AVERAGE	0	0	2	2	50	136	229	197	80	11	0	0	706
	STD DEV	1	0	3	2	31	39	44	53	38	12	1	0	105
	71-00 AVERAGE	0	0	1	2	49	139	237	202	76	10	0	0	718
	STD DEV	1	0	3	2	31	43	51	60	29	12	1	0	123
	31-00 AVERAGE	2	0	5	8	85	212	317	279	130	25	0	0	1062
	STD DEV	4	1	6	7	42	56	59	59	49	19	1	1	163
	31-60 AVERAGE	3	0	4	9	92	235	333	296	145	31	0	0	1148
	STD DEV	5	1	8	8	38	60	58	53	51	19	1	1	144
4603 WV-04 Central 	41-70 AVERAGE	2	0	4	10	91	215	309	274	129	29	0	0	1062
	STD DEV	4	0	7	8	45	56	58	55	48	20	0	1	148
	51-80 AVERAGE	1	0	4	8	83	191	297	272	132	23	0	0	1011
	STD DEV	2	1	5	7	43	56	52	50	52	18	0	1	152
	61-90 AVERAGE	1	0	5	6	78	188	295	266	122	22	0	0	984
	STD DEV	2	1	5	6	43	46	51	58	50	20	2	1	139
	71-00 AVERAGE	1	0	5	7	77	195	312	272	119	22	0	0	1010
	STD DEV	2	1	5	6	41	52	56	66	41	20	2	1	150
	31-00 AVERAGE	0	0	0	0	23	70	128	102	34	4	0	0	361
	STD DEV	2	0	2	1	17	32	42	37	21	5	0	0	83
4604 WV-05 Southern 	31-60 AVERAGE	1	0	1	1	24	79	134	105	36	4	0	0	385
	STD DEV	2	0	2	1	16	38	46	37	21	4	0	0	84
	41-70 AVERAGE	0	0	1	1	25	72	123	96	32	4	0	0	354
	STD DEV	2	0	2	1	19	36	42	36	20	4	0	0	81
	51-80 AVERAGE	0	0	0	1	23	61	118	100	36	3	0	0	343
	STD DEV	1	0	1	1	18	32	37	33	22	5	0	0	76
	61-90 AVERAGE	0	0	0	0	21	61	120	100	34	4	0	0	342
	STD DEV	1	0	1	1	17	26	35	37	22	6	0	0	77
	71-00 AVERAGE	0	0	0	0	20	64	127	103	32	4	0	0	350
	STD DEV	1	0	1	1	16	29	39	40	18	6	0	0	82
4605 WV-05 Southern 	31-00 AVERAGE	1	0	2	3	51	140	224	189	76	12	0	0	697
	STD DEV	3	0	4	3	28	47	52	47	35	12	1	0	132
	31-60 AVERAGE	1	0	2	4	59	163	243	208	86	15	0	0	781
	STD DEV	4	0	5	4	27	52	54	44	34	10	0	0	115
	41-70 AVERAGE	1	0	2	4	55	144	221	188	74	14	0	0	702
	STD DEV	3	0	5	4	31	51	52	48	35	11	0	0	130
	51-80 AVERAGE	0	0	2	3	49	122	208	184	78	10	0	0	656
	STD DEV	1	0	3	3	29	45	48	45	38	10	0	0	127
	61-90 AVERAGE	0	0	2	2	44	120	204	177	71	11	0	0	631
	STD DEV	1	0	3	2	26	36	42	44	36	14	1	0	108
4605	71-00 AVERAGE	0	0	2	2	43	125	216	182	70	11	0	0	651
	STD DEV	1	0	3	3	25	38	44	47	32	14	1	0	104



Section 4:

Cooling Degree Days








Divisional Normals, 1971-2000 (and previous periods)

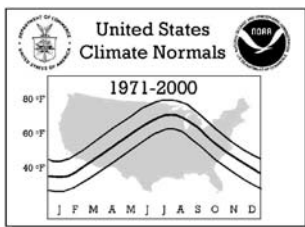
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

West Virginia – Wisconsin

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
WV-06 Northeastern 	31-00 AVERAGE	0	0	0	2	46	148	261	213	74	8	0	0	752
	STD DEV	1	0	2	2	27	45	56	54	34	8	0	0	127
	31-60 AVERAGE	0	0	1	2	50	157	269	221	77	9	0	0	785
	STD DEV	2	0	2	3	26	51	56	53	34	8	0	0	119
	41-70 AVERAGE	0	0	1	2	49	146	251	209	72	9	0	0	739
	STD DEV	1	0	2	3	30	48	51	51	35	8	0	0	121
	51-80 AVERAGE	0	0	0	2	44	134	247	213	78	7	0	0	726
	STD DEV	0	0	1	2	27	41	48	50	37	7	0	0	116
	61-90 AVERAGE	0	0	0	1	43	136	246	207	74	7	0	0	714
	STD DEV	0	0	1	1	25	38	48	53	37	8	0	0	116
4606 WI-01 Northwest 	71-00 AVERAGE	0	0	0	1	43	144	260	209	71	7	0	0	736
	STD DEV	0	0	1	2	27	45	58	57	29	8	0	0	133
	31-00 AVERAGE	0	0	0	0	17	61	140	104	12	1	0	0	335
	STD DEV	0	0	0	1	13	31	49	44	9	4	0	0	91
	31-60 AVERAGE	0	0	0	0	14	61	144	111	13	2	0	0	345
	STD DEV	0	0	0	1	11	33	50	48	11	4	0	0	92
	41-70 AVERAGE	0	0	0	0	13	57	132	107	10	2	0	0	321
	STD DEV	0	0	0	1	9	27	47	47	8	5	0	0	92
	51-80 AVERAGE	0	0	0	0	16	59	134	98	10	2	0	0	319
	STD DEV	0	0	0	1	14	27	48	40	7	4	0	0	81
4701 WI-02 North Central 	61-90 AVERAGE	0	0	0	0	18	59	145	98	10	1	0	0	331
	STD DEV	0	0	0	1	15	29	48	40	7	3	0	0	90
	71-00 AVERAGE	0	0	0	0	21	62	138	101	11	1	0	0	335
	STD DEV	0	0	0	1	16	32	50	41	9	1	0	0	95
	31-00 AVERAGE	0	0	0	0	19	58	117	84	8	2	0	0	288
	STD DEV	0	0	0	1	15	32	45	39	8	4	0	0	87
	31-60 AVERAGE	0	0	0	0	18	64	128	94	10	2	0	0	317
	STD DEV	0	0	0	1	15	36	50	45	9	4	0	0	95
	41-70 AVERAGE	0	0	0	0	16	57	110	87	7	3	0	0	279
	STD DEV	0	0	0	1	12	27	40	42	6	5	0	0	81
4702 WI-03 Northeast 	51-80 AVERAGE	0	0	0	0	18	53	109	77	6	2	0	0	266
	STD DEV	0	0	0	1	15	25	39	32	5	4	0	0	65
	61-90 AVERAGE	0	0	0	0	19	52	115	76	6	1	0	0	269
	STD DEV	0	0	0	0	16	26	38	32	5	4	0	0	69
	71-00 AVERAGE	0	0	0	0	20	54	107	78	7	1	0	0	266
	STD DEV	0	0	0	1	16	30	40	35	7	2	0	0	79
	31-00 AVERAGE	0	0	0	0	18	70	135	99	14	2	0	0	339
	STD DEV	0	0	0	1	14	37	50	45	13	4	0	0	106
	31-60 AVERAGE	0	0	0	0	19	81	157	119	19	3	0	0	399
	STD DEV	0	0	0	1	14	44	53	49	17	5	0	0	112
4703 WI-04 West Central 	41-70 AVERAGE	0	0	0	0	16	70	132	105	12	4	0	0	339
	STD DEV	0	0	0	1	12	31	42	47	9	6	0	0	95
	51-80 AVERAGE	0	0	0	0	18	64	128	92	10	3	0	0	315
	STD DEV	0	0	0	1	15	29	43	39	7	5	0	0	81
	61-90 AVERAGE	0	0	0	0	17	60	126	84	9	2	0	0	298
	STD DEV	0	0	0	1	15	29	39	32	6	4	0	0	70
	71-00 AVERAGE	0	0	0	0	18	61	118	85	10	1	0	0	294
	STD DEV	0	0	0	1	15	31	41	36	8	3	0	0	81
	31-00 AVERAGE	0	0	0	2	42	123	211	159	30	5	0	0	571
	STD DEV	0	0	0	3	28	49	62	55	20	7	0	0	126
4704 WI-05 Central 	31-60 AVERAGE	0	0	0	2	42	129	225	173	35	6	0	0	612
	STD DEV	0	0	1	3	30	57	64	61	23	8	0	0	132
	41-70 AVERAGE	0	0	0	2	38	121	202	165	27	7	0	0	562
	STD DEV	0	0	1	3	23	45	59	56	18	9	0	0	122
	51-80 AVERAGE	0	0	0	2	41	120	204	152	26	6	0	0	550
	STD DEV	0	0	0	3	27	42	59	44	15	8	0	0	97
	61-90 AVERAGE	0	0	0	2	42	117	210	148	25	4	0	0	549
	STD DEV	0	0	0	2	28	41	56	45	15	7	0	0	105
	71-00 AVERAGE	0	0	0	2	44	118	202	150	28	3	0	0	545
	STD DEV	0	0	0	3	28	44	60	52	18	4	0	0	122
4705 WI-05 Central 	31-00 AVERAGE	0	0	0	1	35	107	185	139	24	4	0	0	494
	STD DEV	0	0	0	2	24	45	57	52	18	7	0	0	121
	31-60 AVERAGE	0	0	0	1	32	110	193	150	27	5	0	0	518
	STD DEV	0	0	0	2	24	52	61	58	21	8	0	0	132
	41-70 AVERAGE	0	0	0	1	29	98	166	137	19	6	0	0	456
	STD DEV	0	0	0	2	20	38	50	55	13	9	0	0	112
	51-80 AVERAGE	0	0	0	1	33	97	170	127	19	4	0	0	451
	STD DEV	0	0	0	2	24	36	52	42	12	6	0	0	89
	61-90 AVERAGE	0	0	0	1	36	101	184	128	20	4	0	0	474
	STD DEV	0	0	0	2	25	39	51	43	13	6	0	0	104
4705	71-00 AVERAGE	0	0	0	1	39	108	184	137	23	3	0	0	495
	STD DEV	0	0	0	2	25	42	54	50	16	5	0	0	117



Section 4:

Cooling Degree Days









Divisional Normals, 1971-2000 (and previous periods)

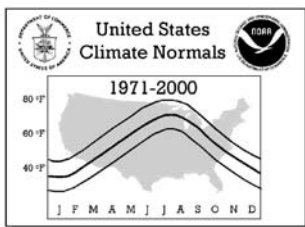
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Wisconsin – Wyoming

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
WI-06 East Central 	31-00 AVERAGE	0	0	0	0	14	76	171	145	26	3	0	0	434
	STD DEV	0	0	0	0	11	36	52	51	18	5	0	0	113
	31-60 AVERAGE	0	0	0	0	13	79	184	159	30	4	0	0	469
	STD DEV	0	0	0	0	10	37	54	54	21	6	0	0	114
	41-70 AVERAGE	0	0	0	0	12	73	162	147	23	4	0	0	421
	STD DEV	0	0	0	0	9	30	48	53	15	7	0	0	105
	51-80 AVERAGE	0	0	0	0	13	69	159	135	22	3	0	0	402
	STD DEV	0	0	0	0	12	29	46	46	12	5	0	0	88
	61-90 AVERAGE	0	0	0	0	14	71	167	132	22	3	0	0	409
	STD DEV	0	0	0	0	12	35	46	42	12	5	0	0	97
WI-07 Southwest 	71-00 AVERAGE	0	0	0	0	16	75	163	136	24	2	0	0	415
	STD DEV	0	0	0	0	13	38	50	49	15	3	0	0	116
	31-00 AVERAGE	0	0	0	2	45	135	229	180	40	7	0	0	639
	STD DEV	0	0	1	3	29	53	64	60	25	10	0	0	140
	31-60 AVERAGE	0	0	0	2	45	146	248	200	49	10	0	0	700
	STD DEV	0	0	1	3	31	64	68	62	30	12	0	0	143
	41-70 AVERAGE	0	0	0	2	42	131	219	186	38	10	0	0	629
	STD DEV	0	0	1	3	26	46	58	62	22	13	0	0	126
	51-80 AVERAGE	0	0	0	2	45	130	219	172	37	8	0	0	614
	STD DEV	0	0	0	3	28	45	58	48	19	10	0	0	104
WI-08 South Central 	61-90 AVERAGE	0	0	0	2	46	129	226	167	36	7	0	0	612
	STD DEV	0	0	0	2	29	41	52	51	18	10	0	0	107
	71-00 AVERAGE	0	0	0	2	45	128	217	167	36	5	0	0	600
	STD DEV	0	0	0	2	27	43	60	60	20	6	0	0	130
	31-00 AVERAGE	0	0	0	1	44	134	224	180	41	9	0	0	633
	STD DEV	0	0	1	2	28	51	60	61	25	11	0	0	137
	31-60 AVERAGE	0	0	0	1	43	143	244	203	50	11	0	0	696
	STD DEV	0	0	1	2	29	61	64	63	30	12	0	0	141
	41-70 AVERAGE	0	0	0	2	40	132	216	188	40	12	0	0	629
	STD DEV	0	0	1	2	26	47	56	61	22	13	0	0	125
WI-09 Southeast 	51-80 AVERAGE	0	0	0	1	44	131	214	172	38	10	0	0	610
	STD DEV	0	0	0	2	28	47	54	50	20	12	0	0	104
	61-90 AVERAGE	0	0	0	1	44	127	215	162	34	8	0	0	590
	STD DEV	0	0	0	2	29	42	49	48	18	11	0	0	99
	71-00 AVERAGE	0	0	0	1	45	128	210	164	34	6	0	0	588
	STD DEV	0	0	0	2	27	43	55	58	20	8	0	0	123
	31-00 AVERAGE	0	0	0	0	31	118	216	183	47	7	0	0	602
	STD DEV	0	0	0	1	22	49	60	60	27	9	0	0	139
	31-60 AVERAGE	0	0	0	1	32	126	232	203	54	9	0	0	657
	STD DEV	0	0	1	1	23	59	61	60	32	10	0	0	144
WY-01 Yellowstone DB 	41-70 AVERAGE	0	0	0	1	29	115	205	187	44	9	0	0	590
	STD DEV	0	0	1	1	20	43	56	63	23	11	0	0	129
	51-80 AVERAGE	0	0	0	0	31	112	204	174	44	8	0	0	573
	STD DEV	0	0	0	1	22	42	54	53	21	9	0	0	110
	61-90 AVERAGE	0	0	0	0	31	110	207	167	41	6	0	0	564
	STD DEV	0	0	0	1	22	40	52	49	19	9	0	0	106
	71-00 AVERAGE	0	0	0	0	32	112	207	172	42	5	0	0	569
	STD DEV	0	0	0	1	21	42	59	59	22	7	0	0	132
	31-00 AVERAGE	0	0	0	0	0	9	23	18	3	0	0	0	54
	STD DEV	0	0	0	0	0	11	15	14	4	0	0	0	28
WY-02 Snake DB 	31-60 AVERAGE	0	0	0	0	0	7	20	13	2	0	0	0	42
	STD DEV	0	0	0	0	0	6	15	9	3	0	0	0	23
	41-70 AVERAGE	0	0	0	0	0	6	19	14	3	0	0	0	42
	STD DEV	0	0	0	0	0	6	12	11	3	0	0	0	22
	51-80 AVERAGE	0	0	0	0	0	8	23	16	3	0	0	0	51
	STD DEV	0	0	0	0	0	7	12	13	3	0	0	0	18
	61-90 AVERAGE	0	0	0	0	0	12	23	19	3	0	0	0	58
	STD DEV	0	0	0	0	0	15	11	14	4	0	0	0	22
	71-00 AVERAGE	0	0	0	0	0	13	27	23	4	0	0	0	67
	STD DEV	0	0	0	0	0	14	17	17	5	0	0	0	29
WY-02 Snake DB 	31-00 AVERAGE	0	0	0	0	0	2	13	7	0	0	0	0	22
	STD DEV	0	0	0	0	0	3	9	7	1	0	0	0	13
	31-60 AVERAGE	0	0	0	0	0	2	14	6	0	0	0	0	22
	STD DEV	0	0	0	0	0	2	10	5	0	0	0	0	13
	41-70 AVERAGE	0	0	0	0	0	1	13	7	0	0	0	0	22
	STD DEV	0	0	0	0	0	2	7	7	1	0	0	0	13
	51-80 AVERAGE	0	0	0	0	0	2	14	7	0	0	0	0	23
	STD DEV	0	0	0	0	0	3	7	9	1	0	0	0	13
	61-90 AVERAGE	0	0	0	0	0	2	13	7	0	0	0	0	22
	STD DEV	0	0	0	0	0	4	8	9	1	0	0	0	14
WY-02 Snake DB 	71-00 AVERAGE	0	0	0	0	0	2	10	6	0	0	0	0	18
	STD DEV	0	0	0	0	0	3	8	7	1	0	0	0	11



Section 4:

Cooling Degree Days


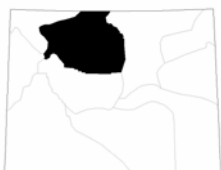





Divisional Normals, 1971-2000 (and previous periods)


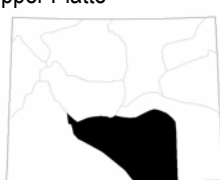




CLIMATOGRAPHY OF THE UNITED STATES NO. 85

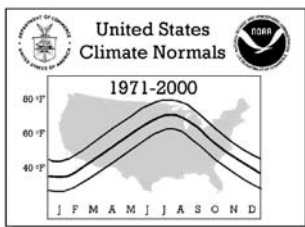
Temperature (°F), Precipitation (inches), and Degree Days

Wyoming

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Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
WY-03 Green and Bear DB 	31-00 AVERAGE	0	0	0	0	0	13	43	20	3	0	0	0	78
	STD DEV	0	0	0	0	1	12	21	13	3	0	0	0	34
	31-60 AVERAGE	0	0	0	0	0	13	46	21	3	0	0	0	83
	STD DEV	0	0	0	0	1	10	21	13	3	0	0	0	35
	41-70 AVERAGE	0	0	0	0	0	10	42	19	3	0	0	0	73
	STD DEV	0	0	0	0	1	9	18	13	3	0	0	0	27
	51-80 AVERAGE	0	0	0	0	0	13	44	18	2	0	0	0	78
	STD DEV	0	0	0	0	1	12	18	14	3	0	0	0	25
	61-90 AVERAGE	0	0	0	0	0	14	43	18	2	0	0	0	77
	STD DEV	0	0	0	0	0	15	21	14	4	0	0	0	32
4803 WY-04 Big Horn 	71-00 AVERAGE	0	0	0	0	0	14	39	19	2	0	0	0	74
	STD DEV	0	0	0	0	0	14	23	12	3	0	0	0	33
	31-00 AVERAGE	0	0	0	0	10	63	166	123	27	1	0	0	391
	STD DEV	0	0	0	1	10	36	52	44	18	1	0	0	91
	31-60 AVERAGE	0	0	0	1	12	63	177	123	28	1	0	0	405
	STD DEV	0	0	0	1	13	37	51	33	14	1	0	0	89
	41-70 AVERAGE	0	0	0	1	9	54	165	123	26	1	0	0	379
	STD DEV	0	0	0	1	9	31	48	42	17	1	0	0	84
	51-80 AVERAGE	0	0	0	0	9	64	165	116	26	1	0	0	381
	STD DEV	0	0	0	1	9	33	49	50	17	1	0	0	78
4804 WY-05 Powder, Little MO, Tongue 	61-90 AVERAGE	0	0	0	0	7	66	162	117	25	1	0	0	378
	STD DEV	0	0	0	1	6	39	47	52	20	1	0	0	81
	71-00 AVERAGE	0	0	0	0	8	67	154	121	26	0	0	0	376
	STD DEV	0	0	0	1	7	38	54	52	20	1	0	0	93
	31-00 AVERAGE	0	0	0	0	8	60	168	141	28	1	0	0	405
	STD DEV	0	0	0	1	8	38	56	52	18	2	0	0	103
	31-60 AVERAGE	0	0	0	0	9	56	171	136	28	1	0	0	402
	STD DEV	0	0	0	1	9	34	54	42	15	2	0	0	97
	41-70 AVERAGE	0	0	0	0	8	53	168	145	29	1	0	0	403
	STD DEV	0	0	0	1	7	34	58	49	18	2	0	0	109
4805 WY-06 Belle Fourche DB 	51-80 AVERAGE	0	0	0	0	8	63	172	137	29	1	0	0	411
	STD DEV	0	0	0	1	7	33	63	53	19	2	0	0	102
	61-90 AVERAGE	0	0	0	0	7	66	170	138	26	1	0	0	407
	STD DEV	0	0	0	1	6	45	54	61	19	1	0	0	102
	71-00 AVERAGE	0	0	0	0	8	68	167	148	28	0	0	0	419
	STD DEV	0	0	0	1	7	43	59	59	20	1	0	0	105
	31-00 AVERAGE	0	0	0	0	12	78	200	157	39	2	0	0	487
	STD DEV	0	0	0	1	13	44	66	55	24	3	0	0	125
	31-60 AVERAGE	0	0	0	0	14	77	222	168	42	3	0	0	526
	STD DEV	0	0	0	1	17	46	74	46	24	3	0	0	133
4806 WY-07 Cheyenne Niobrara DB 	41-70 AVERAGE	0	0	0	0	10	64	188	155	35	2	0	0	453
	STD DEV	0	0	0	1	8	35	55	53	23	3	0	0	101
	51-80 AVERAGE	0	0	0	0	10	76	186	142	35	2	0	0	452
	STD DEV	0	0	0	0	7	34	58	54	22	3	0	0	89
	61-90 AVERAGE	0	0	0	0	10	81	190	144	34	1	0	0	461
	STD DEV	0	0	0	1	8	46	50	61	24	2	0	0	103
	71-00 AVERAGE	0	0	0	0	11	83	182	149	36	1	0	0	462
	STD DEV	0	0	0	1	8	45	56	59	24	1	0	0	110
	31-00 AVERAGE	0	0	0	0	13	89	223	174	39	1	0	0	540
	STD DEV	0	0	0	1	12	45	63	57	23	2	0	0	116
4807 WY-08 Lower Platte 	31-60 AVERAGE	0	0	0	0	14	83	227	172	39	2	0	0	536
	STD DEV	0	0	0	1	15	46	69	48	20	3	0	0	122
	41-70 AVERAGE	0	0	0	1	11	76	213	174	36	1	0	0	511
	STD DEV	0	0	0	1	8	41	65	55	23	3	0	0	120
	51-80 AVERAGE	0	0	0	0	12	93	220	166	37	1	0	0	529
	STD DEV	0	0	0	1	8	41	67	56	23	2	0	0	103
	61-90 AVERAGE	0	0	0	0	13	99	231	173	37	1	0	0	554
	STD DEV	0	0	0	1	8	46	56	64	25	2	0	0	103
	71-00 AVERAGE	0	0	0	0	14	97	217	175	39	0	0	0	543
	STD DEV	0	0	0	1	10	45	59	62	24	1	0	0	107
4808 WY-08 Lower Platte 	31-00 AVERAGE	0	0	0	0	8	70	175	132	28	1	0	0	415
	STD DEV	0	0	0	1	8	37	50	43	18	1	0	0	89
	31-60 AVERAGE	0	0	0	0	8	72	183	139	30	1	0	0	434
	STD DEV	0	0	0	1	9	39	53	35	16	1	0	0	90
	41-70 AVERAGE	0	0	0	1	7	61	173	137	28	1	0	0	409
	STD DEV	0	0	0	1	6	34	54	42	19	2	0	0	97
	51-80 AVERAGE	0	0	0	0	7	71	175	125	28	1	0	0	407
	STD DEV	0	0	0	1	6	35	55	43	19	1	0	0	89
	61-90 AVERAGE	0	0	0	0	7	71	174	123	25	0	0	0	400
	STD DEV	0	0	0	1	5	36	47	46	19	1	0	0	81
	71-00 AVERAGE	0	0	0	0	8	74	164	127	26	0	0	0	399
	STD DEV	0	0	0	1	7	37	42	46	18	1	0	0	78

Climate Division		Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
WY-09 Wind River		31-00 AVERAGE	0	0	0	0	8	60	145	97	22	1	0	0	333	
		STD DEV	0	0	0	1	7	36	48	37	15	1	0	0	88	
		31-60 AVERAGE	0	0	0	0	9	58	148	93	24	1	0	0	333	
		STD DEV	0	0	0	1	9	32	44	28	13	1	0	0	82	
		41-70 AVERAGE	0	0	0	0	7	48	142	96	22	1	0	0	316	
		STD DEV	0	0	0	1	6	28	43	36	15	2	0	0	82	
		51-80 AVERAGE	0	0	0	0	7	60	150	95	22	1	0	0	335	
		STD DEV	0	0	0	0	5	31	44	40	15	2	0	0	68	
		61-90 AVERAGE	0	0	0	0	7	65	152	98	21	1	0	0	344	
		STD DEV	0	0	0	1	5	41	47	44	17	2	0	0	89	
4809	71-00 AVERAGE	0	0	0	0	7	67	140	98	20	1	0	0	333		
	STD DEV	0	0	0	1	6	40	53	41	15	2	0	0	98		
WY-10 Upper Platte		31-00 AVERAGE	0	0	0	0	1	22	57	33	5	0	0	0	118	
		STD DEV	0	0	0	0	1	17	25	20	5	0	0	0	40	
		31-60 AVERAGE	0	0	0	0	1	20	54	30	4	0	0	0	109	
		STD DEV	0	0	0	0	2	15	23	14	3	0	0	0	36	
		41-70 AVERAGE	0	0	0	0	1	17	54	32	5	0	0	0	109	
		STD DEV	0	0	0	0	1	13	26	19	5	0	0	0	38	
		51-80 AVERAGE	0	0	0	0	1	23	60	30	5	0	0	0	118	
		STD DEV	0	0	0	0	1	15	27	20	5	0	0	0	33	
		61-90 AVERAGE	0	0	0	0	1	26	63	35	5	0	0	0	130	
		STD DEV	0	0	0	0	1	20	25	24	6	0	0	0	40	
4810	71-00 AVERAGE	0	0	0	0	1	27	57	36	5	0	0	0	126		
	STD DEV	0	0	0	0	1	20	27	24	6	0	0	0	43		
AK-01 Southeastern		31-00 AVERAGE	0	0	0	0	0	0	0	1	0	0	0	0	1	
		STD DEV	0	0	0	0	0	0	1	1	1	0	0	1	0	3
		31-60 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		STD DEV	0	0	0	0	0	0	2	1	1	0	0	2	0	3
		41-70 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		STD DEV	0	0	0	0	0	0	1	1	1	0	0	2	0	2
		51-80 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		STD DEV	0	0	0	0	0	0	1	1	1	0	0	2	0	2
		61-90 AVERAGE	0	0	0	0	0	0	0	0	1	0	0	0	0	1
		STD DEV	0	0	0	0	0	0	1	1	1	0	0	0	0	2
5001	71-00 AVERAGE	0	0	0	0	0	0	0	0	1	0	0	0	0	2	
	STD DEV	0	0	0	0	0	0	0	1	2	0	0	0	0	3	
AK-02 South Coast		31-00 AVERAGE	0	0	0	0	0	1	3	3	0	0	0	0	6	
		STD DEV	0	0	0	0	0	2	3	3	0	0	0	0	6	
		31-60 AVERAGE	0	0	0	0	0	1	2	2	0	0	0	0	5	
		STD DEV	0	0	0	0	0	2	3	3	0	0	0	0	7	
		41-70 AVERAGE	0	0	0	0	0	0	2	2	0	0	0	0	4	
		STD DEV	0	0	0	0	0	1	2	2	0	0	0	0	4	
		51-80 AVERAGE	0	0	0	0	0	0	2	2	0	0	0	0	5	
		STD DEV	0	0	0	0	0	1	2	2	0	0	0	0	4	
		61-90 AVERAGE	0	0	0	0	0	0	3	3	0	0	0	0	6	
		STD DEV	0	0	0	0	0	1	3	2	0	0	0	0	5	
5002	71-00 AVERAGE	0	0	0	0	0	1	4	3	0	0	0	0	9		
	STD DEV	0	0	0	0	0	1	3	2	0	0	0	0	6		
AK-03 Southwestern Islands		31-00 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	
		STD DEV	0	0	0	0	0	0	0	0	0	0	0	0	0	
		31-60 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		STD DEV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		41-70 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		STD DEV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		51-80 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		STD DEV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		61-90 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		STD DEV	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5003	71-00 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	STD DEV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AK-04 Copper River		31-00 AVERAGE	0	0	0	0	0	1	0	0	0	0	0	0	2	
		STD DEV	0	0	0	0	0	2	1	1	0	0	0	0	2	
		31-60 AVERAGE	0	0	0	0	0	1	0	0	0	0	0	0	2	
		STD DEV	0	0	0	0	0	2	1	1	0	0	0	0	3	
		41-70 AVERAGE	0	0	0	0	0	1	0	0	0	0	0	0	2	
		STD DEV	0	0	0	0	0	2	1	1	0	0	0	0	3	
		51-80 AVERAGE	0	0	0	0	0	1	0	1	0	0	0	0	2	
		STD DEV	0	0	0	0	0	2	1	1	0	0	0	0	3	
		61-90 AVERAGE	0	0	0	0	0	0	0	1	0	0	0	0	1	
		STD DEV	0	0	0	0	0	1	1	1	0	0	0	0	2	
5004	71-00 AVERAGE	0	0	0	0	0	0	0	0	1	0	0	0	1		
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Section 4:

Cooling Degree Days





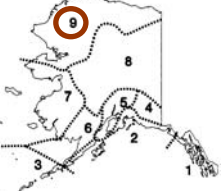
Divisional Normals, 1971-2000 (and previous periods)

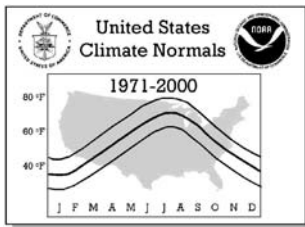
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Alaska

Page 67

Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
AK-05 Cook Inlet 	31-00 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	1
	STD DEV	0	0	0	0	0	1	0	0	0	0	0	0	2
	31-60 AVERAGE	0	0	0	0	0	1	0	0	0	0	0	0	1
	STD DEV	0	0	0	0	0	2	0	1	0	0	0	0	3
	41-70 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	1
	STD DEV	0	0	0	0	0	1	0	0	0	0	0	0	1
	51-80 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	1
	STD DEV	0	0	0	0	0	1	0	0	0	0	0	0	1
	61-90 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	STD DEV	0	0	0	0	0	0	0	0	0	0	0	0	1
AK-06 Bristol Bay 	71-00 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	STD DEV	0	0	0	0	0	0	1	0	0	0	0	0	1
	31-00 AVERAGE	0	0	0	0	0	0	1	0	0	0	0	0	2
	STD DEV	0	0	0	0	0	1	3	1	0	0	0	1	4
	31-60 AVERAGE	0	0	0	0	0	0	1	1	0	0	0	0	2
	STD DEV	0	0	0	0	0	1	4	1	0	0	0	0	5
	41-70 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	1
	STD DEV	0	0	0	0	0	1	2	1	0	0	0	0	2
	51-80 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	1
	STD DEV	0	0	0	0	0	1	2	1	0	0	0	0	2
AK-07 West Central 	61-90 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	1
	STD DEV	0	0	0	0	0	0	1	1	0	0	0	0	1
	71-00 AVERAGE	0	0	0	0	0	0	1	1	0	0	0	0	2
	STD DEV	0	0	0	0	0	0	2	1	0	0	0	1	3
	31-00 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	1
	STD DEV	0	0	0	0	0	1	0	1	0	0	0	0	2
	31-60 AVERAGE	0	0	0	0	0	1	0	0	0	0	0	0	1
	STD DEV	0	0	0	1	0	2	0	0	0	0	0	0	2
	41-70 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	STD DEV	0	0	0	0	0	1	0	0	0	0	0	0	1
AK-08 Interior Basin 	51-80 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	STD DEV	0	0	0	0	0	1	0	1	0	0	0	0	1
	61-90 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	STD DEV	0	0	0	0	0	0	0	1	0	0	0	0	1
	71-00 AVERAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	STD DEV	0	0	0	0	0	0	0	1	0	0	0	0	1
	31-00 AVERAGE	0	0	0	0	0	5	7	3	0	0	0	0	16
	STD DEV	0	0	0	0	1	5	6	4	0	0	0	0	10
	31-60 AVERAGE	0	0	0	0	0	6	5	2	0	0	0	0	13
	STD DEV	0	0	0	0	0	5	4	2	0	0	0	0	8
AK-09 Arctic Drainage Basin 	41-70 AVERAGE	0	0	0	0	0	5	5	2	0	0	0	0	12
	STD DEV	0	0	0	0	0	5	4	3	0	0	0	0	8
	51-80 AVERAGE	0	0	0	0	0	4	5	3	0	0	0	0	13
	STD DEV	0	0	0	0	0	5	4	5	0	0	0	0	9
	61-90 AVERAGE	0	0	0	0	0	4	7	4	0	0	0	0	15
	STD DEV	0	0	0	0	1	4	5	5	0	0	0	0	10
	71-00 AVERAGE	0	0	0	0	0	5	10	4	0	0	0	0	20
	STD DEV	0	0	0	0	1	4	6	5	0	0	0	0	11
	31-00 AVERAGE	0	0	0	0	0	0	2	1	0	0	0	0	3
	STD DEV	0	0	0	0	0	0	4	1	0	0	0	0	5



Section 4:

Cooling Degree Days

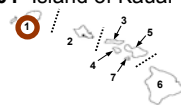
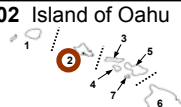

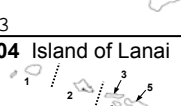

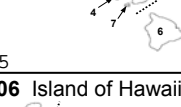
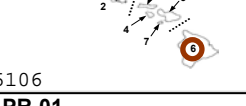


Divisional Normals, 1971-2000 (and previous periods)

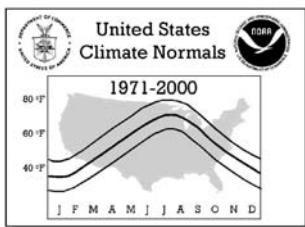
CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Hawaii – Puerto Rico

Page 68

Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
HI-01 Island of Kauai 	61-00 AVERAGE	83	77	110	136	185	240	279	301	280	254	178	112	2234
	STD DEV	30	27	34	34	35	28	23	25	27	30	32	28	270
	61-90 AVERAGE	92	84	120	146	198	250	285	308	287	260	185	118	2333
	STD DEV	28	26	31	31	29	22	17	20	22	30	30	25	224
	71-00 AVERAGE	86	80	115	139	184	241	281	304	283	260	183	116	2273
	STD DEV	31	28	35	36	40	30	25	27	29	27	34	30	292
HI-02 Island of Oahu 	61-00 AVERAGE	179	159	208	234	290	336	377	401	385	364	288	226	3449
	STD DEV	33	31	28	27	31	26	26	23	23	26	28	29	202
	61-90 AVERAGE	184	161	211	235	292	336	377	400	385	361	288	225	3453
	STD DEV	33	32	28	26	33	26	25	24	24	26	28	27	215
	71-00 AVERAGE	179	160	208	231	282	331	373	399	386	366	288	225	3427
	STD DEV	33	29	30	27	29	26	24	21	21	24	29	30	204
HI-03 Island of Molokai 	61-00 AVERAGE	177	153	202	236	296	342	385	412	398	379	299	224	3504
	STD DEV	38	34	31	37	35	28	27	31	32	32	33	30	221
	61-90 AVERAGE	184	155	207	238	300	341	384	411	400	381	299	224	3523
	STD DEV	38	37	32	38	37	27	25	29	29	31	32	30	213
	71-00 AVERAGE	178	154	201	232	288	337	386	414	403	384	300	223	3501
	STD DEV	40	35	32	40	35	31	31	35	34	33	36	33	250
HI-04 Island of Lanai 	61-00 AVERAGE	67	65	84	112	145	192	232	251	241	224	163	102	1878
	STD DEV	23	21	25	27	28	27	25	29	29	27	30	27	203
	61-90 AVERAGE	69	65	84	109	144	187	227	247	237	219	159	97	1844
	STD DEV	25	23	27	27	30	25	24	31	31	27	31	29	212
	71-00 AVERAGE	69	65	88	114	146	197	237	259	250	229	170	106	1930
	STD DEV	21	21	26	24	29	23	24	26	24	23	21	24	182
HI-05 Island of Maui 	61-00 AVERAGE	66	62	80	102	149	194	229	247	232	215	157	97	1830
	STD DEV	22	21	23	24	31	26	26	25	26	27	28	25	195
	61-90 AVERAGE	68	62	81	102	150	194	227	244	231	213	155	96	1822
	STD DEV	21	22	24	24	33	26	25	26	25	27	28	23	197
	71-00 AVERAGE	67	61	80	100	142	189	229	249	235	218	159	97	1826
	STD DEV	23	19	23	24	29	25	25	25	26	25	27	26	199
HI-06 Island of Hawaii 	61-00 AVERAGE	60	54	68	77	113	146	176	192	186	177	125	80	1452
	STD DEV	23	21	25	25	29	28	31	31	32	32	32	26	280
	61-90 AVERAGE	64	57	70	78	114	145	175	192	188	177	126	82	1467
	STD DEV	24	22	28	26	29	27	33	35	34	34	33	27	303
	71-00 AVERAGE	65	59	75	84	119	153	186	204	196	187	134	87	1550
	STD DEV	24	19	25	24	29	26	26	25	28	27	28	24	242
PR-01 North Coastal 	31-00 AVERAGE	308	273	331	363	428	456	481	488	469	464	397	349	4808
	STD DEV	39	36	40	39	35	33	31	29	28	31	30	36	345
	31-60 AVERAGE	276	244	303	335	408	433	456	467	446	439	375	324	4507
	STD DEV	27	28	35	30	26	20	15	14	14	17	20	21	190
	41-70 AVERAGE	294	263	320	348	412	438	462	472	452	448	382	336	4627
	STD DEV	30	29	37	30	28	22	17	16	16	19	21	27	217
	51-80 AVERAGE	311	278	334	362	426	451	477	485	467	463	397	351	4803
	STD DEV	31	29	33	27	28	27	21	18	18	24	24	33	240
	61-90 AVERAGE	329	293	351	379	439	467	498	499	483	478	412	365	4991
	STD DEV	28	23	29	33	35	31	27	26	23	29	25	31	261
	71-00 AVERAGE	337	300	355	391	451	481	509	512	494	487	420	373	5110
	STD DEV	28	23	29	28	32	26	21	24	20	27	21	32	227
PR-02 South Coastal 	31-00 AVERAGE	340	306	359	395	462	487	513	517	489	486	426	378	5158
	STD DEV	35	32	39	32	31	26	23	23	25	29	33	38	275
	31-60 AVERAGE	345	306	362	396	457	478	511	516	492	491	436	393	5183
	STD DEV	37	38	49	35	36	28	27	25	26	30	37	39	328
	41-70 AVERAGE	348	312	365	399	463	484	511	514	489	490	433	388	5196
	STD DEV	36	36	46	34	32	24	26	23	27	29	35	39	291
	51-80 AVERAGE	327	298	351	389	461	484	507	506	479	478	416	364	5061
	STD DEV	29	25	35	30	23	17	19	19	24	25	32	34	182
	61-90 AVERAGE	330	302	356	391	462	487	512	512	482	476	412	360	5082
	STD DEV	32	24	31	32	25	19	18	19	25	28	29	31	208
	71-00 AVERAGE	334	305	355	394	465	495	517	519	488	480	418	364	5134
	STD DEV	34	27	33	27	30	25	21	23	23	28	31	37	254
PR-03 Northern Slopes 	31-00 AVERAGE	300	268	327	358	422	448	473	480	457	450	388	338	4710
	STD DEV	31	29	35	34	31	27	23	27	22	23	25	33	254
	31-60 AVERAGE	289	255	320	355	416	438	465	475	448	442	382	333	4616
	STD DEV	26	28	38	34	30	24	20	28	17	20	23	26	237
	41-70 AVERAGE	292	261	325	354	414	439	464	473	451	445	379	331	4627
	STD DEV	33	29	36	37	33	26	21	18	15	20	22	29	223
	51-80 AVERAGE	291	263	324	352	415	441	465	471	450	445	381	331	4629
	STD DEV	30	25	31	34	26	21	18	17	17	20	21	28	177
	61-90 AVERAGE	299	272	327	354	418	447	472	475	455	448	384	334	4685
	STD DEV	30	21	31	35	28	24	21	21	19	20	22	29	188
	71-00 AVERAGE	312	282	334	365	431	459	484	487	465	459	400	348	4827
	STD DEV	28	23	32	28	30	27	23	27	26	24	24	36	247



Section 4:

Cooling Degree Days

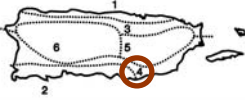
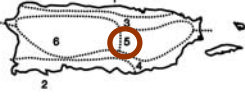


Divisional Normals, 1971-2000 (and previous periods)

CLIMATOGRAPHY OF THE UNITED STATES NO. 85

Temperature (°F), Precipitation (inches), and Degree Days

Puerto Rico – Virgin Islands – Pacific Islands

Page 69

Climate Division	Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
PR-04 Southern Slopes 	31-00 AVERAGE	330	298	356	385	445	469	494	499	473	470	410	366	4995
	STD DEV	29	24	33	30	32	29	23	23	25	27	28	32	251
	31-60 AVERAGE	322	291	352	382	437	459	482	491	462	457	400	359	4892
	STD DEV	22	20	34	31	28	21	18	15	17	22	25	21	192
	41-70 AVERAGE	326	296	357	382	437	461	486	492	465	461	402	362	4927
	STD DEV	26	22	34	30	28	25	22	16	18	21	24	24	193
	51-80 AVERAGE	325	295	354	384	441	465	491	494	468	463	406	358	4942
	STD DEV	27	23	32	26	25	23	21	18	19	22	25	26	179
	61-90 AVERAGE	328	296	353	381	440	465	496	498	472	469	409	361	4968
	STD DEV	30	26	32	29	27	25	19	19	21	22	24	32	201
6604 PR-05 Eastern Interior 	71-00 AVERAGE	337	303	357	388	455	479	503	508	483	481	421	373	5089
	STD DEV	31	27	33	28	34	30	23	27	29	29	28	40	285
	31-00 AVERAGE	161	145	196	233	296	331	349	356	336	322	263	201	3189
	STD DEV	34	33	46	41	38	34	32	28	30	35	33	41	324
	31-60 AVERAGE	177	156	214	253	312	334	357	369	351	339	278	225	3365
	STD DEV	32	34	41	34	33	27	28	26	26	33	31	26	266
	41-70 AVERAGE	181	164	223	258	314	340	363	370	353	342	280	225	3411
	STD DEV	30	32	45	38	36	31	26	26	26	32	31	34	276
	51-80 AVERAGE	165	152	206	242	304	334	354	359	341	331	269	206	3262
	STD DEV	35	32	50	47	41	35	31	30	29	31	33	42	347
6605 PR-06 Western Interior 	61-90 AVERAGE	153	142	191	223	285	333	346	348	327	312	257	187	3103
	STD DEV	32	31	47	44	39	42	36	27	30	33	32	41	319
	71-00 AVERAGE	139	128	167	206	273	322	334	340	316	298	245	172	2941
	STD DEV	25	27	31	29	30	37	29	20	24	26	29	34	210
	31-00 AVERAGE	191	168	216	247	306	339	361	366	345	335	279	221	3374
	STD DEV	43	37	48	43	40	31	31	31	31	38	35	43	370
	31-60 AVERAGE	189	166	214	248	310	341	364	372	349	337	283	227	3399
	STD DEV	51	39	56	51	49	38	35	34	32	40	35	40	418
	41-70 AVERAGE	190	173	220	253	310	339	364	370	349	336	281	226	3411
	STD DEV	47	42	59	42	38	26	29	28	31	42	36	44	360
6606 VI-04 Virgin Islands 	51-80 AVERAGE	190	171	215	250	307	335	358	361	341	332	274	217	3350
	STD DEV	45	41	60	41	36	25	31	32	34	41	39	47	385
	61-90 AVERAGE	195	172	222	248	303	336	360	361	341	333	274	217	3362
	STD DEV	40	39	45	41	34	26	31	31	35	42	41	47	375
	71-00 AVERAGE	180	158	204	234	293	332	350	353	331	321	265	205	3227
	STD DEV	27	22	29	29	26	24	23	22	23	29	28	35	230
	31-00 AVERAGE	362	324	381	405	463	495	528	533	499	497	434	393	5312
	STD DEV	26	23	29	27	28	24	23	23	24	25	28	30	189
	31-60 AVERAGE	360	319	382	405	461	491	525	533	497	496	439	399	5306
	STD DEV	25	24	29	28	24	24	30	24	24	24	25	24	181
6704 PI-02 East of 180th Meridian (No Map)	41-70 AVERAGE	366	329	388	410	459	492	523	531	498	500	439	399	5335
	STD DEV	23	21	28	30	26	24	29	24	21	29	26	29	179
	51-80 AVERAGE	359	326	379	403	459	492	520	525	493	491	430	386	5262
	STD DEV	25	20	28	30	26	21	25	18	24	25	26	30	174
	61-90 AVERAGE	360	327	379	401	455	490	526	527	494	493	426	385	5263
	STD DEV	26	19	29	29	26	20	15	21	25	27	31	31	170
	71-00 AVERAGE	360	325	377	404	467	501	533	535	499	496	427	385	5306
	STD DEV	28	22	29	24	32	23	15	24	28	24	30	34	214
	61-00 AVERAGE	310	278	324	328	386	431	470	485	469	455	386	346	4667
	STD DEV	27	25	32	33	32	33	35	35	34	29	27	31	327
9102 PI-03 Western Pacific Islands (No Map)	61-90 AVERAGE	303	270	314	315	374	419	456	470	456	446	377	334	4534
	STD DEV	26	22	29	26	28	27	26	27	30	25	23	24	254
	71-00 AVERAGE	316	283	332	338	397	442	481	497	481	464	392	354	4778
	STD DEV	26	23	30	31	28	30	31	32	30	25	25	29	294
	61-00 AVERAGE	418	379	451	476	516	504	507	498	490	501	471	451	5662
	STD DEV	24	22	28	31	28	27	26	22	25	21	20	21	230
	61-90 AVERAGE	414	375	445	468	510	496	499	492	485	497	467	446	5592
	STD DEV	26	22	30	30	28	26	23	20	24	21	19	20	218
	71-00 AVERAGE	422	384	456	483	521	511	514	503	499	508	476	457	5735
	STD DEV	24	20	28	29	27	25	23	21	20	17	18	19	194
9103 PI-04 Caroline & Mariana Islds (No Map)	61-00 AVERAGE	495	448	505	495	517	492	500	501	488	508	495	504	5949
	STD DEV	11	12	14	15	14	12	13	13	13	13	10	12	105
	61-90 AVERAGE	497	450	507	496	516	491	499	501	488	508	495	505	5952
	STD DEV	10	12	14	15	16	13	14	13	14	14	11	13	113
	71-00 AVERAGE	495	448	505	495	518	492	502	501	489	508	496	505	5956
	STD DEV	12	11	15	15	15	12	10	12	12	13	10	10	104
	61-00 AVERAGE	495	448	505	495	517	492	500	501	488	508	495	504	5949
	STD DEV	11	12	14	15	14	12	13	13	13	13	10	12	105
	61-90 AVERAGE	497	450	507	496	516	491	499	501	488	508	495	505	5952
	STD DEV	10	12	14	15	16	13	14	13	14	14	11	13	113
	71-00 AVERAGE	495	448	505	495	518	492	502	501	489	508	496	505	5956
	STD DEV	12	11	15	15	15	12	10	12	12	13	10	10	104