

NORTHEAST REGIONAL RESEARCH

PUBLICATION



GROWING DEGREE DAYS

B. E. DETHIER

M. T. VITTUM



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Administrative Advisor - O. Starnes^{1/}

New Jersey Agricultural Experiment Station

New Brunswick, New Jersey

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Agricultural Research Service	E. R. Lemon
Cooperative State Experiment Stations Service	A. J. Loustalot

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Weather Bureau	J. K. McGuire
--------------------------	---------------

1/ Succeeded A. A. Spielman

2/ Succeeded A. E. Dimond

3/ Succeeded J. E. Livingstone

4/ Succeeded C. E. Cross

5/ Succeeded J. J. Kolega and R. S. Palmer

6/ Succeeded H. B. Sprague

7/ Succeeded C. H. Blasberg, deceased

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THE CLIMATE OF THE NORTHEAST

GROWING DEGREE DAYS

B. E. Dethier and M. T. Vittum

Introduction

Growing degree days, sometimes called "heat units," "effective heat units," or "growth units," are an arithmetic accumulation of daily mean temperatures above a certain threshold temperature. They are a simple means of relating plant growth, development, and maturation to environmental air temperature. Different species of plants have different base or threshold temperatures below which they theoretically do not grow. At temperatures above this base or threshold value, the amount of plant growth is approximately proportional to the amount of heat or temperature accumulated. The base temperatures used in this bulletin, 40° and 50° F, correspond closely to the generally accepted values of the base temperatures for several economically important plants:

Spring Wheat	37 to 40° F
Canning Peas	40° F
Oats	43° F
Potatoes	45° F
Sweet Corn, Snap Beans	50° F
Lima Beans, Tomatoes	50° F
Field Corn	55° F

The growing degree day value for any day is easily obtained by subtracting the appropriate base or threshold temperature for the specific crop from the mean temperature. Thus, on a day with a maximum of 65° and a minimum of 55°, the mean temperature would be 60°. The growing degree days for peas, with a 40° base or threshold, would be 60 (the mean) minus 40 (the base), or 20. The growing degree days for snap beans or sweet corn would be 60 (the mean) minus 50 (the base), or 10.

The growing degree days, to any base, can be computed each day from daily temperatures, and can be accumulated over the course of the growing season. Note, however, that negative values are ignored in summation of growing degree days. Thus, zero is the value assigned to any day when the mean temperature is below the base or threshold value.

The amount of plant growth is approximately proportional to the amount of heat or temperature accumulated above the base. For each species of plant, and for different varieties, maturity is reached when the growing degree days have accumulated to a certain sum. The various pea varieties, for example, require a range from about 1,200 to 1,800 growing degree days. This means of reckoning the time of maturity has been applied by the canning industry, since the planting dates of peas and other field crops can be scheduled to maintain an orderly supply for processing. The heat unit system is also helpful in selecting crop varieties appropriate to different farming areas. The method has also been used in scheduling the work of fruit orchards. Since insect emergence and development also respond to temperature, heat sums have been utilized to predict epidemic outbreaks of insects.

The list of references of page 14 may be consulted for more detailed information and instructions on the application of growing degree days and on the various refinements that have been suggested for the basic system outlined above. It is a useful system but has two main flaws. It over simplifies the complex temperature response of plants, and it does not take into account the many other environmental factors affecting plant growth. It does, however, serve a very practical need, and knowledge of the agricultural climate of an area is incomplete without some idea of the growing degree days normal in that area. This bulletin is accordingly presented as a source of basic information for home gardeners, nurserymen, growers, processors, and research, teaching, and extension specialists to be used or adapted according to individual preferences and requirements.

Explanation of Tables and Maps

Climatological Weeks

The growing degree day values in this bulletin are averages for 141 stations over the 30-year period 1926-1955, with exceptions as explained later. The data are presented according to weeks of the climatological year, which is outlined in Table 1. Data for Week 53 (February 28 and 29) are omitted. Data for the 52 complete weeks from March 1 through February 27 are given in the tables.

Station Locator Map

Figure 1 shows the geographical distribution of the stations used in this bulletin. The number assigned to each station in the Weather Bureau network is plotted next to the corresponding station circle. The first digit of these station numbers increases from "0" or "1" to "9" according to the alphabetical positions of the initial letter of the station's name. In New York State, for example, Albany is numbered 0047 and Watertown is 9000. Between these, Fredonia is 3033, Morrisville 5512, Setauket 7633, etc.

Table 1. The Climatological Year

<u>Climato- logical Week Number</u>	<u>Calendar Date</u>	<u>Climato- logical Week Number</u>	<u>Calendar Date</u>
01	Mar. 1 - Mar. 7	27	Aug. 30 - Sept. 5
02	Mar. 8 - Mar. 14	28	Sept. 6 - Sept. 12
03	Mar. 15 - Mar. 21	29	Sept. 13 - Sept. 19
04	Mar. 22 - Mar. 28	30	Sept. 20 - Sept. 26
05	Mar. 29 - Apr. 4	31	Sept. 27 - Oct. 3
06	Apr. 5 - Apr. 11	32	Oct. 4 - Oct. 10
07	Apr. 12 - Apr. 18	33	Oct. 11 - Oct. 17
08	Apr. 19 - Apr. 25	34	Oct. 18 - Oct. 24
09	Apr. 26 - May 2	35	Oct. 25 - Oct. 31
10	May 3 - May 9	36	Nov. 1 - Nov. 7
11	May 10 - May 16	37	Nov. 8 - Nov. 14
12	May 17 - May 23	38	Nov. 15 - Nov. 21
13	May 24 - May 30	39	Nov. 22 - Nov. 28
14	May 31 - June 6	40	Nov. 29 - Dec. 5
15	June 7 - June 13	41	Dec. 6 - Dec. 12
16	June 14 - June 20	42	Dec. 13 - Dec. 19
17	June 21 - June 27	43	Dec. 20 - Dec. 26
18	June 28 - July 4	44	Dec. 27 - Jan 2
19	July 5 - July 11	45	Jan. 3 - Jan. 9
20	July 12 - July 18	46	Jan. 10 - Jan. 16
21	July 19 - July 25	47	Jan. 17 - Jan. 23
22	July 26 - Aug. 1	48	Jan. 24 - Jan. 30
23	Aug. 2 - Aug. 8	49	Jan. 31 - Feb. 6
24	Aug. 9 - Aug. 15	50	Feb. 7 - Feb. 13
25	Aug. 16 - Aug. 22	51	Feb. 14 - Feb. 20
26	Aug. 23 - Aug. 29	52	Feb. 21 - Feb. 27
		53	Feb. 28 - Feb. 29

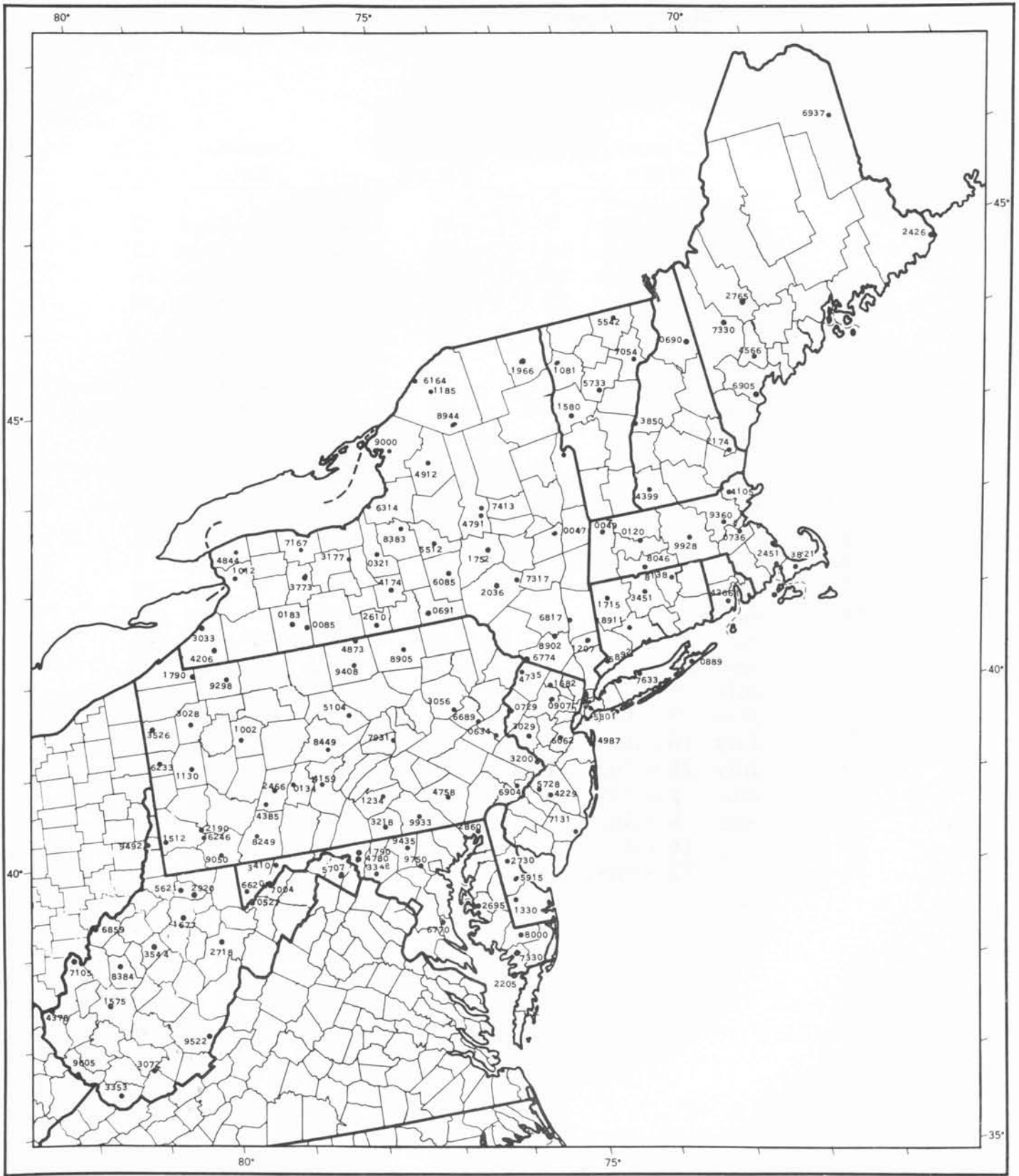


Figure 1. Station-locator map.

The user of this bulletin can find the location of any station shown in Figure 1 by looking up its number in the second column of Table 2, remembering that a low number will be found near the beginning of the list for each state, a high number near the end. Further information on the stations used in this bulletin will be found in the substation history publications of the U. S. Weather Bureau, No. 27 in the list of references, page 14.

Cumulative Growing Degree Days

Table 2 presents, for the 141 locations, the cumulative growing degree days for both 40° and 50° base, for the first 10-, 20-, and 30-week periods of the climatological year as well as the total for the 52-week year. Locations are grouped by states and are arranged alphabetically within each state. Almost all the locations are stations in the cooperative climatological network of the U. S. Weather Bureau, exceptions being regular Weather Bureau stations located at commercial airports. The locations are identified by name, station number, county, elevation, latitude, and longitude. In some cases, where the station is outside the town after which it is named, its distance and direction in miles from the Post Office is indicated. For instance, "Bridgeville 1NW" means that the temperature observing station is situated approximately one mile northwest of the Bridgeville Post Office. The number of years that were examined in order to obtain the information on the growing degree days is also classified for each station.

Figures 2-7 are "contour" maps which outline areas of equal accumulated growing degree days for 20-, 30-, and 52-week accumulations for 40° and 50°. Here the reader can obtain a visual indication of geographical areas in the Northeast which have similar growing degree day conditions.

Weekly Growing Degree Days, Base 40°

Table 3 lists the mean weekly accumulation of growing degree days above a base temperature of 40° for each of the 141 stations. In addition to the weekly total accumulation, the standard deviation ("s") of this figure is given in the adjoining column. The standard deviation indicates the amount of variation that can be expected from one year to another. One can expect that 68 per cent of the time, or about 2 years out of 3, the growing degree accumulation for any given week will be the mean given in Table 3 plus or minus the standard deviation adjacent to this mean. Thus, for Week 20 at Cream Hill, Connecticut, one would expect a mean growing degree accumulation of 208, plus or minus 22. This means that two-thirds of the time, residents of Cream Hill could expect growing degree days for this week to be between 186 and 230.

Table 2. List of stations with average cumulative growing degree days at end of 10, 20, 30 and 52 weeks.

Station			Elev. (ft.)	Lat. °	Long. °	No. Years Ana- lyzed	Average Cumulative GDD Base 40°, at end of				Average Cumulative GDD Base 50°, at end of					
Name	No.	County					Week 10	Week 20	Week 30	Week 52	Week 10	Week 20	Week 30	Week 52		
<u>CONNECTICUT</u>																
Cream Hill	1715	Litchfield	1300	41	52	73	20	30	364	2021	3865	4409	108	1075	2222	2392
Hartford-Brainard Field	3451	Hartford	15	41	44	72	39	30	468	2337	4382	5067	140	1311	2657	2885
Norwalk	5892	Fairfield	120	41	08	73	27	30	450	2289	4326	5004	127	1268	2606	2829
Storrs (1890-1919)	8138	Tolland	600	41	48	72	15	30	374	2023	3843	4383	97	1059	2180	2335
Storrs (1926-1955)	8138	Tolland	600	41	48	72	15	30	348	1994	3825	4390	91	1047	2181	2351
Waterbury	8911	New Haven	288	41	33	73	02	29	544	2489	4605	5372	177	1425	2842	3107
<u>DELAWARE</u>																
Bridgeville 1 NW	1330	Sussex	50	38	45	75	37	30	792	2932	5261	6423	319	1761	3390	3842
Dover	2730	Kent	34	39	10	75	32	30	807	3007	5397	6568	329	1829	3519	3984
Milford	5915	Sussex	10	38	55	75	26	30	811	3000	5370	6561	334	1823	3493	3965
<u>MAINE</u>																
Eastport	2426	Washington	100	44	54	66	59	30	121	1166	2568	2984	6	410	1114	1191
Farmington	2765	Franklin	390	44	40	70	09	30	242	1830	3562	3939	58	958	1997	2092
Lewiston	4566	Androscoggin	182	44	06	70	14	30	242	1831	3657	4097	50	953	2081	2200
Portland-Airport	6905	Cumberland	61	43	39	70	19	30	248	1744	3499	3974	47	859	1917	2035
Presque Isle	6937	Aroostook	606	46	39	68	00	30	137	1496	3009	3268	27	725	1557	1612
Rumford 1 SSE	7330	Oxford	505	44	33	70	33	30	229	1791	3505	3884	56	936	1957	2054
<u>MARYLAND</u>																
Chewsville-Bridgeport	1790	Washington	560	39	38	77	41	30	656	2658	4817	5662	246	1550	3010	3313
Crisfield	2205	Somerset	5	37	59	75	51	30	972	3322	5891	7355	424	2076	3945	4564
Easton	2695	Talbot	28	38	46	76	04	30	828	3035	5433	6595	341	1848	3546	4005
Elkton	2860	Cecil	28	39	36	75	50	30	728	2865	5178	6126	277	1714	3327	3686
Frederick (Pol. Bks.)	3348	Frederick	380	39	25	77	25	30	781	2967	5298	6273	316	1803	3435	3809
Frostburg	3410	Allegany	2035	39	39	78	56	30	590	2440	4437	5206	224	1380	2680	2946
Keedysville	4780	Washington	420	39	29	77	42	30	757	2898	5198	6165	306	1747	3347	3719

(Continued)

Table 2. List of stations with average cumulative growing degree days at end of 10, 20, 30 and 52 weeks. (Cont.)

Station		Elev. (ft.)	Lat. °	Long. °	No. Years Ana- lyzed	Average Cumulative GDD Base 40°, at end of				Average Cumulative GDD Base 50°, at end of						
Name	No.					County	Week 10	Week 20	Week 30	Week 52	Week 10	Week 20	Week 30	Week 52		
<u>MARYLAND (Cont.)</u>																
Oakland	6620	Garrett	2420	39	24	79	24	30	480	2105	3884	4512	152	1094	2181	2359
Owings Ferry Landing	6770	Calvert	120	38	42	76	41	30	865	3063	5429	6641	372	1870	3536	4024
Princess Anne 1 E	7330	Somerset	17	38	12	75	40	30	844	3011	5368	6585	351	1818	3475	3950
Salisbury	8000	Wicomico	10	38	22	75	36	30	897	3134	5564	6890	387	1924	3654	4192
Westminster	9435	Carroll	770	39	35	77	00	30	708	2768	5001	5938	279	1640	3173	3524
Woodstock	9750	Baltimore	415	39	20	76	53	30	730	2810	5046	5964	287	1667	3203	3538
<u>MASSACHUSETTS</u>																
Adams	0049	Berkshire	750	42	39	73	06	26	322	1961	3742	4196	80	1034	2121	2246
Amherst	0120	Hampshire	210	42	24	72	32	31	397	2168	4095	4668	118	1194	2422	2610
Blue Hill	0736	Norfolk	640	42	13	71	07	30	376	2054	3973	4624	107	1096	2317	2530
East Wareham	2451	Plymouth	20	41	46	70	40	30	344	1986	3925	4603	66	1014	2255	2465
Hyannis	3821	Barnstable	35	41	41	70	16	25	318	1933	3902	4670	50	971	2241	2482
Lawrence	4105	Essex	57	42	42	71	10	30	389	2168	4148	4775	108	1193	2474	2671
Springfield	8046	Hampden	190	42	07	72	35	30	545	2498	4604	5364	185	1439	2845	3112
Weston	9360	Middlesex	224	42	23	71	19	27	449	2240	4231	4911	136	1233	2526	2756
Worcester	9928	Worcester	628	42	18	71	49	30	374	2065	3940	4518	107	1106	2283	2463
<u>NEW HAMPSHIRE</u>																
Berlin	0690	Coos	1110	44	29	71	10	30	196	1608	3152	3480	46	800	1662	1743
Durham	2174	Strafford	73	43	08	70	56	30	333	1979	3822	4349	84	1043	2189	2337
Hanover	3850	Grafton	603	43	42	72	17	30	278	1876	3625	4029	73	986	2041	2151
Keene	4399	Cheshire	490	42	56	72	17	30	331	1970	3761	4238	90	1041	2137	2277
<u>NEW JERSEY</u>																
Belvidere	0729	Warren	289	40	50	75	05	30	604	2636	4814	5558	217	1551	3030	3298
Boonton	0907	Morris	280	40	54	74	24	28	480	2305	4324	5000	152	1286	2607	2832
Charlotteburg	1582	Passaic	760	41	03	74	26	30	479	2245	4185	4847	156	1246	2388	2544
Flemington 1 NE	3029	Hunterdon	134	40	31	74	51	30	629	2662	4885	5734	223	1556	3079	3395
Indian Mills	4229	Burlington	100	39	48	74	47	30	651	2667	4856	5798	239	1556	3045	3391
Layton	4735	Sussex	480	41	15	74	51	30	447	2220	4165	4752	141	1222	2470	2657
Long Branch	4987	Monmouth	34	40	18	73	59	28	544	2482	4651	5552	169	1408	2878	3200
Moorestown	5728	Burlington	55	39	58	74	58	30	634	2644	4841	5733	223	1533	3029	3355
New Brunswick	6062	Middlesex	80	40	28	74	26	30	611	2615	4813	5702	215	1520	3019	3345
Pleasantville	7131	Atlantic	8	39	25	74	31	30	559	2482	4649	5593	173	1399	2866	3212

(Continued)

Table 2. List of stations with average cumulative growing degrees days at end of 10, 20, 30 and 52 weeks. (Cont.)

Station			Elev. (ft.)	Lat.		Long.		No. Years Ana- lyzed	Average Cumulative GDD Base 40° , at end of				Average Cumulative GDD Base 50° , at end of			
Name	No.	County		'	°	'	°		Week 10	Week 20	Week 30	Week 52	Week 10	Week 20	Week 30	Week 52
NEW YORK																
Albany	0047	Albany	19	42	39	73	45	30	461	2372	4433	5064	149	1363	2725	2934
Alfred	0085	Allegany	1760	42	15	77	47	30	318	1838	3511	3965	95	939	1930	2059
Angelica	0183	Allegany	1420	42	18	78	02	30	336	1904	3653	4134	98	992	2049	2189
Auburn-Water Works	0321	Cayuga	715	42	54	76	32	30	321	2043	4067	4708	81	117	2443	2667
Binghamton	0691	Broome	858	42	06	78	55	30	428	2201	4147	4748	139	1222	2470	2665
Bridgehampton	0889	Suffolk	60	40	57	72	18	25	380	2064	4085	4894	69	1057	2378	2640
Buffalo-Airport	1012	Erie	693	42	56	78	44	30	323	1978	3919	4547	91	1066	2310	2520
Canton	1185	St. Lawrence	406	44	35	75	10	30	285	1905	3671	4094	81	1019	2096	2225
Carmel 1 SW	1207	Putnam	500	41	25	73	42	30	411	2172	4142	4759	119	1185	2456	2659
Cooperstown	1752	Otsego	1240	42	42	74	55	25	299	1866	3588	4060	90	980	2007	2149
Dannemora	1966	Clinton	1338	44	43	73	43	30	261	1829	3553	3951	76	970	2004	2126
Delhi	2036	Delaware	1460	42	16	74	55	30	326	1891	3626	4111	96	986	2029	2169
Elmira	2610	Chemung	863	42	05	76	48	30	444	2263	4227	4812	150	1276	2543	2730
Fredonia	3033	Chautauqua	750	42	26	79	22	30	420	2205	4241	4950	144	1241	2579	2833
Geneva-Exp. Station	3177	Ontario	615	42	53	77	00	30	416	2226	4232	4860	139	1256	2565	2780
Hemlock	3773	Livingston	920	42	47	77	37	30	351	2094	4013	4595	103	1161	2385	2575
Ithaca-Cornell Univ.	4174	Tompkins	950	42	27	76	28	30	380	2069	3952	4520	125	1133	2323	2510
Jamestown	4206	Chautauqua	1390	42	06	79	15	30	456	2222	4164	4804	160	1238	2483	2703
Little Falls-City Rsvr.	4791	Herkimer	890	43	04	74	52	30	324	1983	3816	4285	102	1074	2212	2356
Lockport	4844	Niagara	520	43	11	78	39	29	338	2012	3928	4492	99	1090	2310	2493
Lowville	4912	Lewis	860	43	48	75	29	30	278	1860	3588	3990	80	983	2022	2139
Morrisville	5512	Madison	1325	42	54	75	39	29	270	1755	3404	3810	76	898	1861	1974
New York-Central Park	5801	New York	132	40	47	75	58	30	625	2712	5035	6060	221	1609	3232	3635
Norwich 1 WNW	6085	Chenango	1070	42	33	75	32	28	318	1880	3607	4042	93	981	2019	2145
Ogdensburg 3 NE	6164	St. Lawrence	258	44	44	75	27	29	292	1956	3813	4277	74	1050	2213	2353
Oswego	6314	Oswego	292	43	27	76	31	30	299	1887	3784	4358	79	991	2190	2373
Port Jervis	6774	Orange	470	41	23	74	41	30	478	2319	4335	4964	158	1302	2620	2826
Poughkeepsie	6817	Dutchess	103	41	41	73	56	28	521	2487	4607	5293	175	1442	2862	3098
Rochester-Airport	7167	Monroe	543	43	07	77	40	30	383	2157	4131	4740	124	1208	2485	2690
Roxbury	7317	Delaware	1494	42	17	74	34	27	324	1873	3586	4044	95	967	1989	2114
Salisbury	7413	Herkimer	1300	43	09	74	51	30	237	1680	3279	3626	63	839	1754	1838
Setauket	7633	Suffolk	40	40	57	73	06	30	508	2376	4508	5435	145	1315	2747	3071
Syracuse	8383	Onondaga	419	43	07	76	07	30	403	2190	4162	4778	132	1230	2506	2713
Walden 2 NE	8902	Orange	400	41	34	74	10	30	433	2223	4161	4744	131	1235	2464	2636
Wanakana	8944	St. Lawrence	1510	44	09	74	54	30	214	1602	3125	3454	52	778	1623	1707
Watertown	9000	Jefferson	497	43	58	75	52	30	338	2035	3938	4467	101	1116	2325	2498

(Continued)

Table 2. List of stations with average cumulative growing degree days at end of 10, 20, 30 and 52 weeks. (Cont.)

Station			Elev. (ft.)	Lat. o	Long. o	No. Years Ana- lyzed	Average Cumulative GDD Base 40 ^o , at end of				Average Cumulative GDD Base 50 ^o , at end of					
Name	No.	County					Week 10	Week 20	Week 30	Week 52	Week 10	Week 20	Week 30	Week 52		
<u>PENNSYLVANIA</u>																
Altoona	0134	Blair	1500	40	30	78	29	28	514	2291	4232	4904	184	1268	2511	2734
Bethlehem	0634	Northampton	436	40	36	75	23	27	645	2707	4942	5811	246	1608	3143	3471
Brookville	1002	Jefferson	1417	41	09	79	06	25	375	1964	3701	4193	115	1026	2072	2209
Butler	1130	Butler	1100	40	52	79	54	25	595	2503	4554	5311	227	1441	2794	3055
Carlisle	1234	Cumberland	460	40	12	77	11	30	692	2788	5023	5827	271	1668	3204	3500
Claysville	1512	Washington	1150	40	07	80	25	30	623	2525	4578	5383	243	1450	2806	3093
Corry	1790	Erie	1427	41	55	79	38	25	411	2080	3945	4514	139	1125	2293	2468
Donora	2190	Washington	814	40	11	79	51	29	763	2885	5167	6213	323	1748	3331	3738
Ebensburg	2466	Cambria	2090	40	29	78	43	25	428	2076	3884	4468	146	1111	2226	2416
Franklin	3028	Venango	987	41	23	79	49	30	433	2179	4103	4702	143	1194	2422	2611
Freeland	3056	Luzerne	1900	41	01	75	54	25	403	2113	3973	4522	137	1158	2322	2495
George School	3200	Bucks	135	40	13	74	56	29	605	2617	4809	5670	212	1524	3016	3328
Gettysburg	3218	Adams	540	39	50	77	14	30	710	2803	5050	5939	280	1673	3221	3550
Greenville	3526	Mercer	1026	41	24	80	23	25	515	2338	4334	5001	185	1315	2618	2843
Huntingdon	4159	Huntingdon	700	40	30	78	01	29	556	2464	4529	5219	199	1410	2776	3008
Johnstown	4385	Cambria	1214	40	20	78	55	25	609	2557	4650	5440	234	1487	2881	3160
Lancaster 2 NE	4758	Lancaster	255	40	03	76	17	29	630	2635	4782	5523	226	1532	2979	3227
Lawrenceville 2 S	4873	Tioga	1000	41	59	77	07	28	424	2175	4079	4648	138	1199	2406	2594
Lock Haven	5104	Clinton	570	41	08	77	27	25	598	2583	4679	5377	224	1511	2908	3149
New Castle 1 N	6233	Lawrence	825	41	01	80	22	30	545	2432	4489	5220	196	1389	2748	3004
Newell	6246	Fayette	805	40	05	79	54	25	678	2644	4820	5752	282	1553	3030	3374
Palmerton	6689	Carbon	435	40	48	75	37	29	502	2378	4418	5077	171	1351	2692	2911
Philadelphia-Shawmont	6904	Philadelphia	38	40	02	75	15	28	708	2860	5182	6117	269	1721	3343	3699
Selinsgrove	7931	Snyder	437	40	49	76	52	28	549	2465	4550	5234	190	1407	2793	3025
Somerset	8249	Somerset	2150	40	01	79	05	28	438	2046	3781	4330	135	1060	2103	2254
State College	8449	Centre	1175	40	48	77	53	30	520	2377	4366	5021	191	1352	2645	2861
Towanda	8905	Bradford	760	41	46	76	26	30	450	2210	4141	4745	150	1218	2452	2644
Uniontown	9050	Fayette	1040	39	54	79	44	30	741	2764	4929	5922	313	1639	3104	3477
Warren	9298	Warren	1280	41	51	79	08	29	415	2149	4052	4662	135	1182	2387	2579
Wellsboro	9408	Tioga	1920	41	43	77	16	29	351	1964	3748	4222	107	1040	2131	2271
York 3 SSW	9933	York	390	39	55	76	45	30	701	2783	5024	5887	272	1656	3198	3518

(Continued)

Table 2. List of stations with average cumulative growing degree days at end of 10, 20, 30 and 52 weeks. (Concluded)

Station			Elev. (ft.)	Lat. o	Long. o	No. Years Ana- lyzed	Average Cumulative GDD Base 40 ^o , at end of				Average Cumulative GDD Base 50 ^o , at end of					
Name	No.	County					Week 10	Week 20	Week 30	Week 52	Week 10	Week 20	Week 30	Week 52		
<u>RHODE ISLAND</u>																
Kingston	4266	Washington	100	41	29	71	32	30	346	1958	3849	4502	73	994	2187	2382
<u>VERMONT</u>																
Burlington	1081	Chittenden	331	44	28	73	09	30	280	1923	3714	4153	79	1036	2135	2266
Cornwall	1580	Addison	500	43	59	73	12	30	350	2065	3950	4447	110	1136	2326	2483
Newport	5542	Orleans	766	44	56	72	12	26	214	1722	3356	3698	56	893	1841	1930
Northfield	5733	Washington	840	44	08	72	40	30	232	1691	3287	3654	61	850	1762	1860
St. Johnsbury	7054	Caledonia	699	44	25	72	01	30	271	1899	3643	4045	76	1020	2073	2186
<u>WEST VIRGINIA</u>																
Bayard	0527	Grant	2375	39	16	79	22	29	447	1993	3656	4202	131	995	1969	2103
Charleston	1575	Kanawha	600	38	21	81	39	29	929	3132	5528	6740	427	1901	3540	4018
Clarksburg	1677	Harrison	977	39	16	80	21	30	650	2628	4750	5565	255	1538	2961	3240
Elkins	2718	Randolph	1970	38	53	79	51	30	608	2384	4311	5115	221	1303	2531	2774
Fairmont	2920	Marion	1298	39	28	80	08	30	755	2837	5060	5993	320	1705	3228	3575
Flat Top	3072	Mercer	3225	37	35	81	07	25	528	2159	3922	4597	173	1116	2184	2377
Gary	3353	McDowell	1426	37	22	81	33	30	792	2824	5016	6041	328	1662	3154	3516
Glenville	3544	Gilmer	740	38	56	80	50	28	846	3003	5307	6386	371	1829	3433	3840
Huntington	4378	Cabell	675	38	25	82	22	28	999	3305	5755	7053	471	2033	3722	4243
Mannington 1 N	5621	Marion	974	39	33	80	21	30	674	2586	4617	5443	256	1473	2806	3074
Martinsburg	5707	Berkeley	537	39	24	77	59	29	710	2850	5139	6025	271	1671	3212	3531
Parkersburg	6859	Wood	615	39	16	81	34	30	825	2989	5297	6364	355	1819	3426	3843
Piedmont	7004	Mineral	1053	39	29	79	02	29	657	2602	4722	5503	251	1500	2921	3187
Point Pleasant	7105	Mason	569	38	51	82	08	27	907	3113	5491	6631	404	1868	3480	3920
Spencer	8384	Roane	789	38	48	81	21	30	799	2840	5041	6091	347	1693	3195	3589
Wheeling-Warwood Dam	9492	Ohio	659	40	06	80	42	27	608	2590	4771	5569	228	1513	2995	3275
White Sulphur Springs	9522	Greenbrier	1914	37	48	80	18	30	702	2654	4705	5496	269	1522	2875	3129
Williamson	9605	Mingo	673	37	40	82	17	29	961	3259	5686	6916	443	2042	3769	4255

About 95 per cent of the time, or 19 years out of 20, the growing degree day accumulation will be the mean plus or minus twice the standard deviation. Thus, residents of Cream Hill could expect that only once in 20 years would the growing degree days for Week 20 fall outside of the range 164 and 252.

Mean growing degree days and the mean plus or minus 1 standard deviation for Geneva, New York, are plotted in Figure 8 to show how one can use the information in Table 3. Two-thirds of the time one would expect growing degree day accumulation for any specific week at Geneva to fall within the dotted area.

Weekly Growing Degree Days, Base 50⁰

Table 4 is similar to Table 3, except the base temperature is 50⁰ instead of 40⁰. A base or threshold temperature of 50⁰ is normally used for warm-season crops such as snap beans, sweet corn, and tomatoes.

Estimating Growing Degree Days

If the 141 stations used in this study were uniformly distributed throughout the Northeast, there would be one station for every 1,394 square miles. Since most of the population does not live in close proximity to one of these stations, it was desirable to devise a method of estimating growing degree days for other stations. There are many more weather stations in the Northeast, but because their records were incomplete or because the location of their instruments has been changed, they were not used in this study. If multiple regression equations could be developed from the basic station network an approximation of growing degree days could be obtained for additional stations, thereby extending the usefulness of this bulletin.

Six stepwise multiple regression equations were obtained by computer for the sum of the first 20 and 30 weeks of the year, and for the entire year for both 40⁰ and 50⁰ bases. The parameters investigated included latitude, station elevation, mean annual temperature, mean January temperature, mean July temperature, length of freeze-free period as well as the starting and ending dates of the freeze period. The mean annual and mean January or July temperatures gave equations which explained approximately 95 per cent of the variance. The following equations will give an estimate of the growing degree days with an error of less than 5 per cent in most cases:

Growing Degree Days, Base 40⁰

$$\begin{array}{l}
 Y_{20} = -4158 + 149X_1 - 33X_2 \quad R^2 = 95 \\
 Y_{30} = -6241 + 109X_1 + 71X_3 \quad R^2 = 96 \\
 Y_{52} = -8294 + 165X_1 + 71X_3 \quad R^2 = 97
 \end{array}$$

Growing Degree Days, Base 50°

$$Y_{20} = -3883 + 123X_1 - 33X_2 \quad R^2 = 88$$

$$Y_{30} = -6924 + 69X_1 + 84X_3 \quad R^2 = 97$$

$$Y_{52} = -8089 + 94X_1 + 87X_3 \quad R^2 = 97$$

where,

$Y_{20, 30, \text{ and } 52}$ = G. D. D. accumulations for the first 20-30- and 52-week periods of the climatological year.

X_1 = Mean annual temperature

X_2 = Mean January temperature

X_3 = Mean July temperature

and, R^2 = Multiple correlation coefficient.

Approximations of the growing degree days can be determined from figures 9, 10 and 11. A more accurate estimate can be obtained by using the appropriate equations. These equations were developed from the data in Table 2 and have not been tested for stations outside of the Northeast.

Source of Data

Directors of the State Agricultural Experiment Stations in the 12 Northeastern States appointed a Regional Technical Committee in 1956. This committee initiated a Regional Research Project, NE-35, to study the application of climatology to agriculture in the Northeast. The participating State Experiment Stations and Federal agencies, and the individuals representing these agencies, are listed (on the inside of the front cover).

The first objective of the committee has been the preparation of a series of publications dealing with various climatological factors affecting agriculture in the region. Bulletins on low temperature or freeze probabilities (7), weekly rainfall probabilities (3), and heating degree day probabilities (4), have already been published. Bulletins on temperature probabilities, drought probabilities, and heating degree days are presently being prepared by members of the committee. Bulletins on probabilities of extreme temperature, extreme precipitation, and runs of consecutive hot or cold and wet or dry days will be prepared in the future.

The NE-35 Committee selected approximately 160 climatological stations in the Northeast for analysis according to a standard regional plan. The 30-year period 1926-1955 was chosen as the standard period for analysis of the records. The stations were selected in an effort to represent the major climatological and agricultural divisions of the Northeast. Stations with records that were not complete over the 1926-1955 period, and those that had undergone major changes in location, were avoided except in those areas where no better stations were available. Only the 141 stations with at least 25 years of temperature observations were used in this growing degree day bulletin. The number of years analyzed for each of these stations is given in Table 2.

From 1948 on, the daily records of all stations were already available on punched cards through the climatological data processing program of the U. S. Weather Bureau. Cooperative agreements between the Bureau and the state agencies resulted in punching on cards the records prior to 1948. The NE-35 Committee decided upon a number of climatological studies to be made using the punched card records, and programs were developed to perform the required analyses using high speed electronic computers and auxiliary equipment.

The program produced the mean weekly growing degree day accumulation for each station and the standard deviation of this mean. The assumption was made that the growing degree day distributions are normally distributed. Thus, the probabilities were computed using average dates and their standard deviations.

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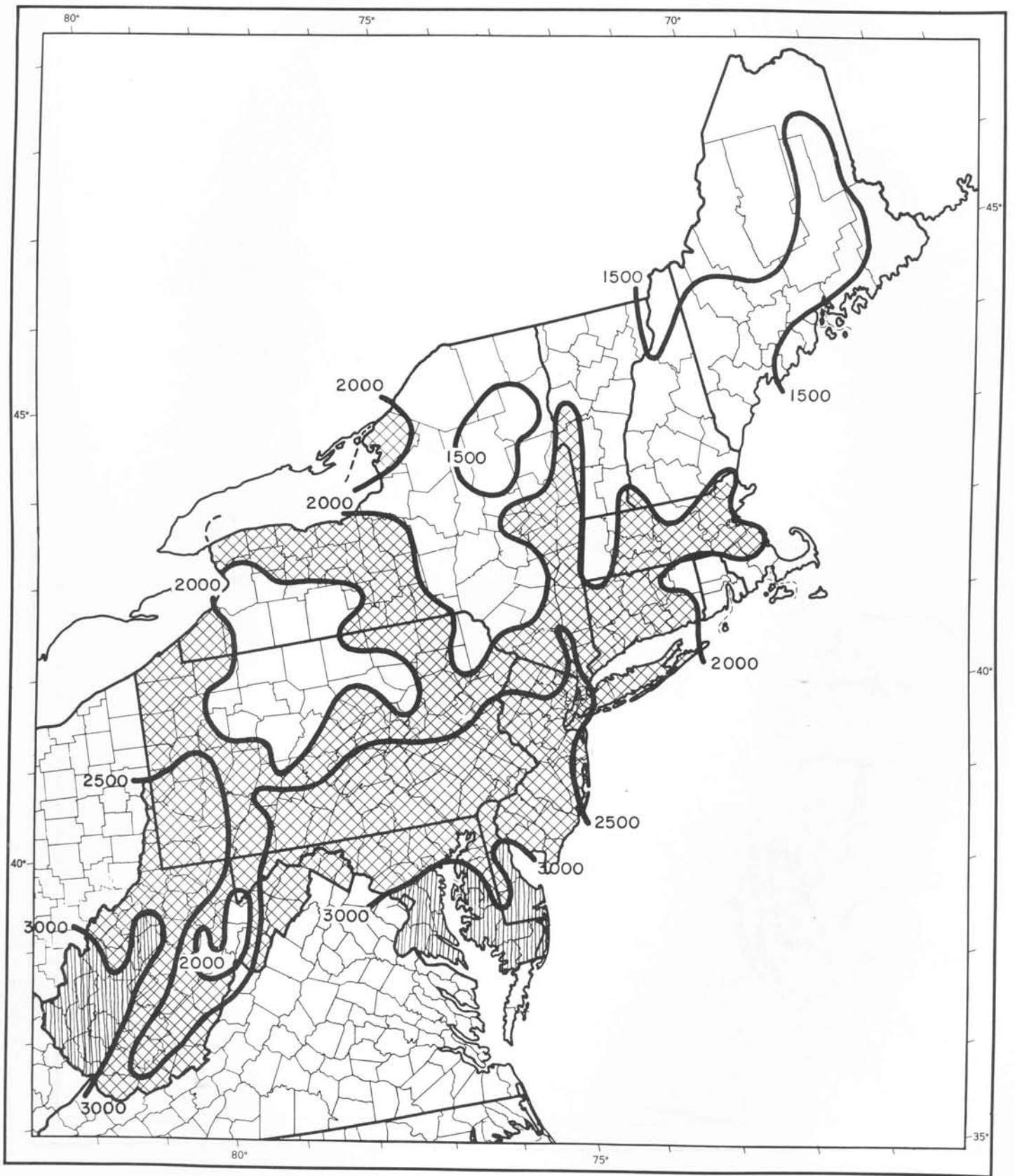


Figure 2. Cumulative growing degree days--Base 40^o (Weeks 1-20).

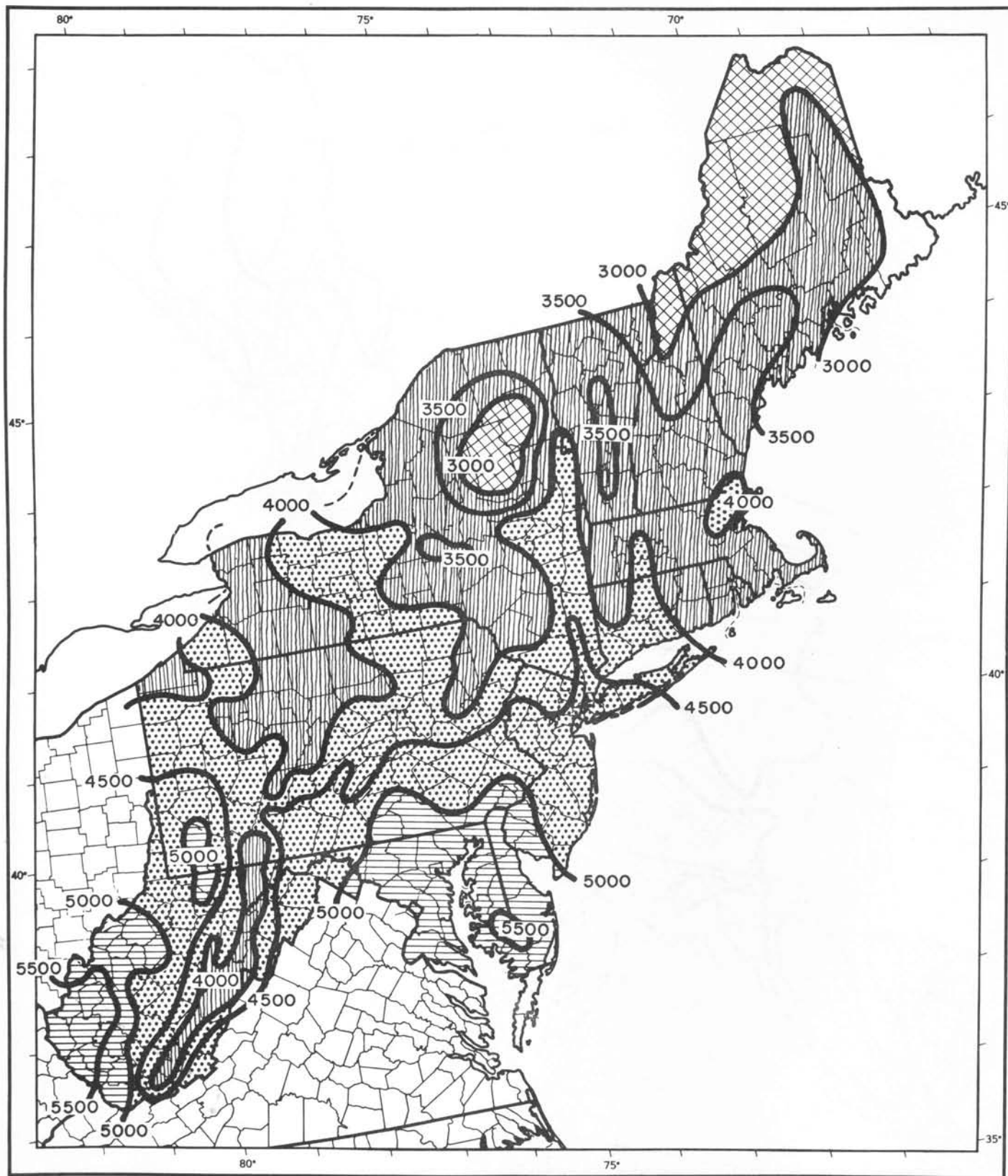


Figure 3. Cumulative growing degree days--Base 40° (Weeks 1-30).

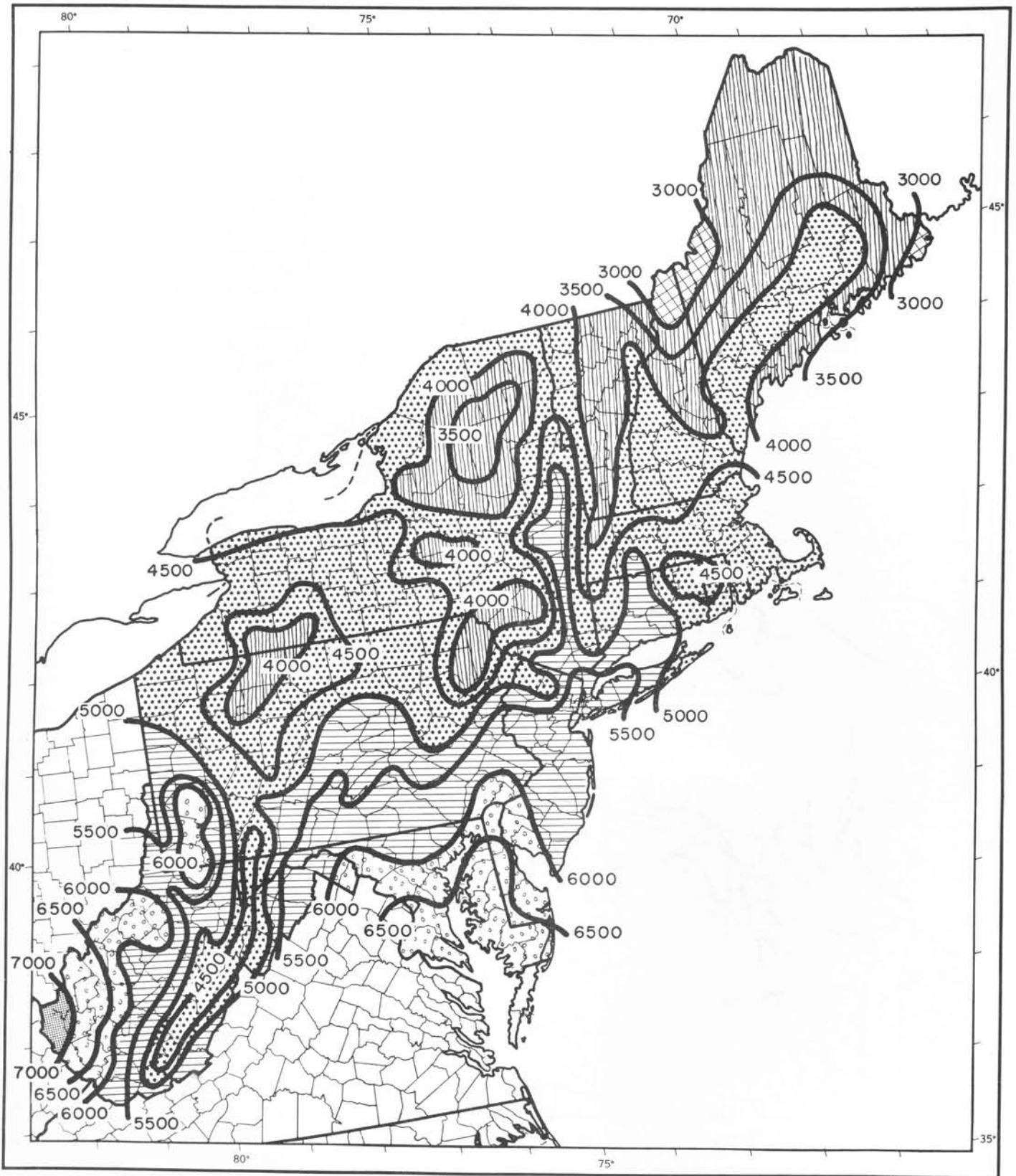


Figure 4. Cumulative growing degree days--Base 40^o (Weeks 1-52).

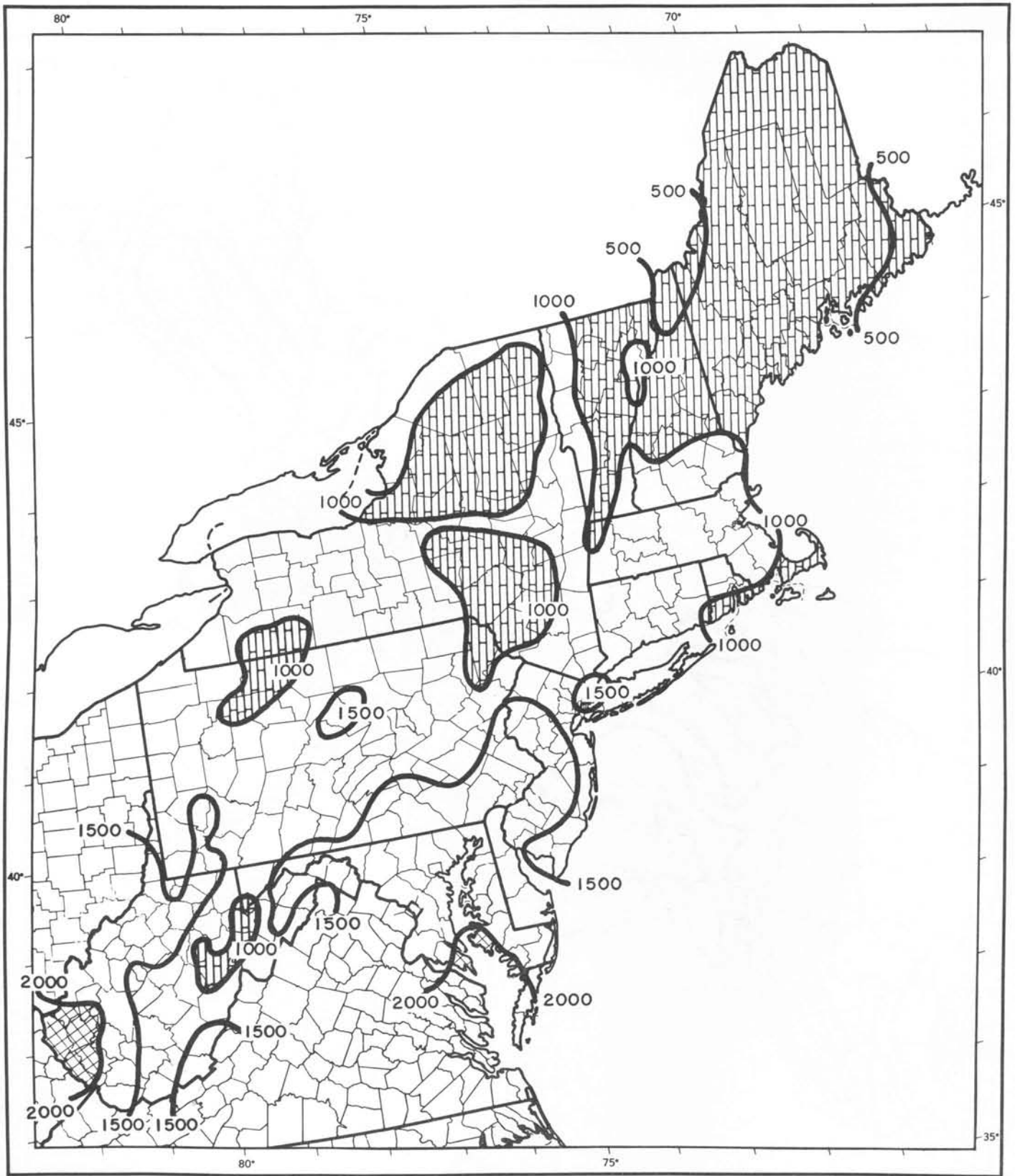


Figure 5. Cumulative growing degree days--Base 50^o (Weeks 1-20).

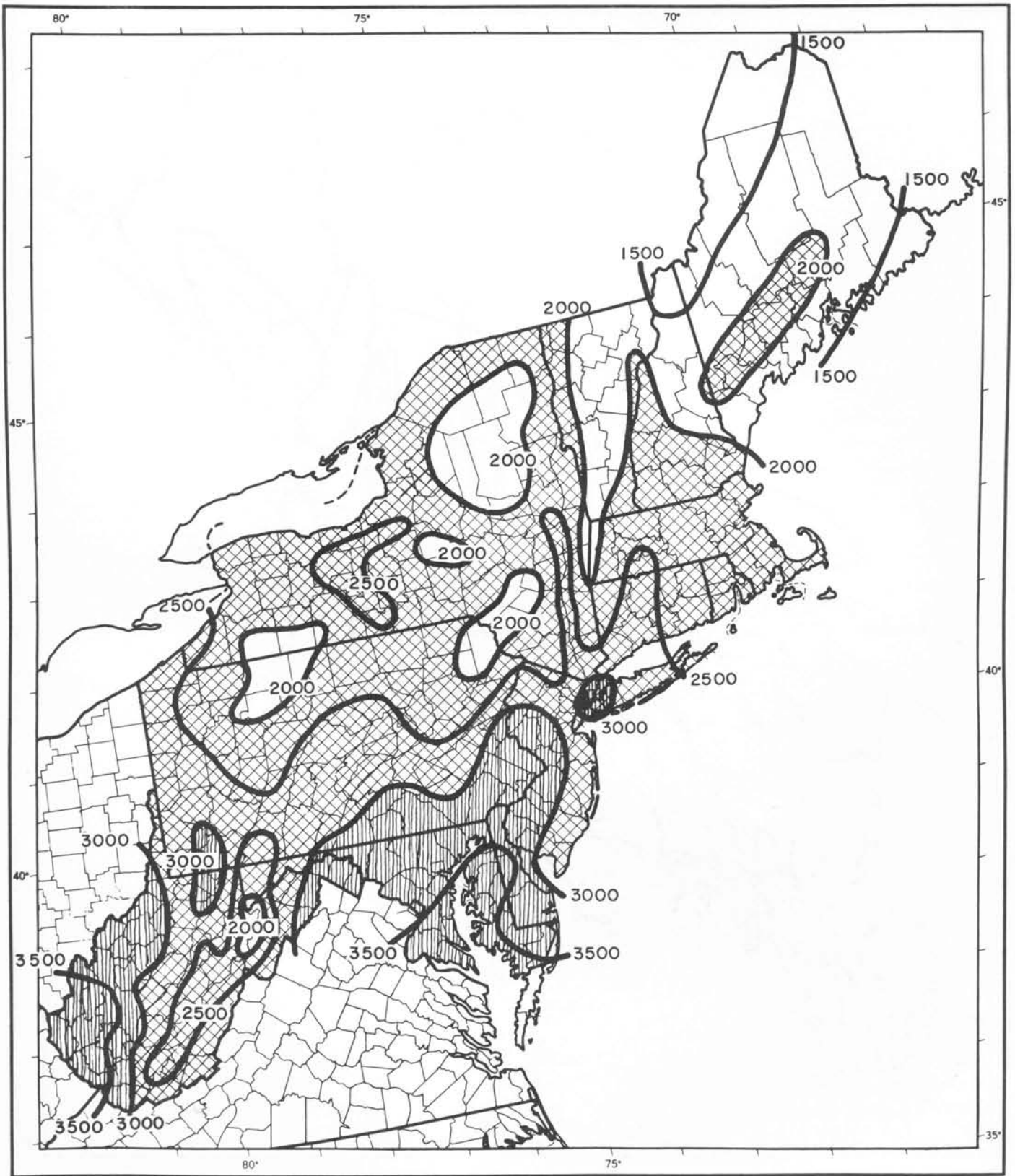


Figure 6. Cumulative growing degree days--Base 50^o (Weeks 1-30).

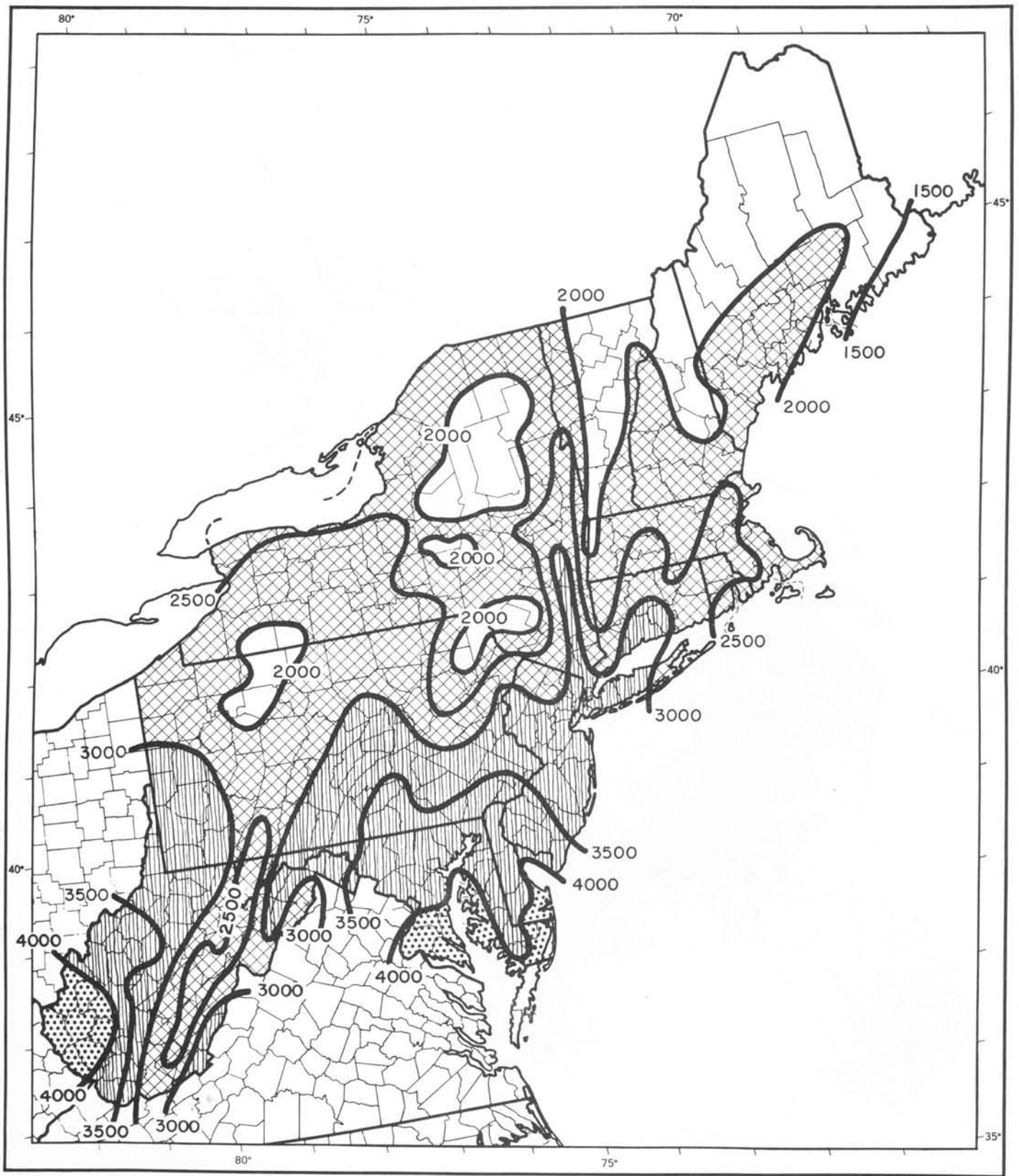


Figure 7. Cumulative growing degree days--Base 50^o (Weeks 1-52).

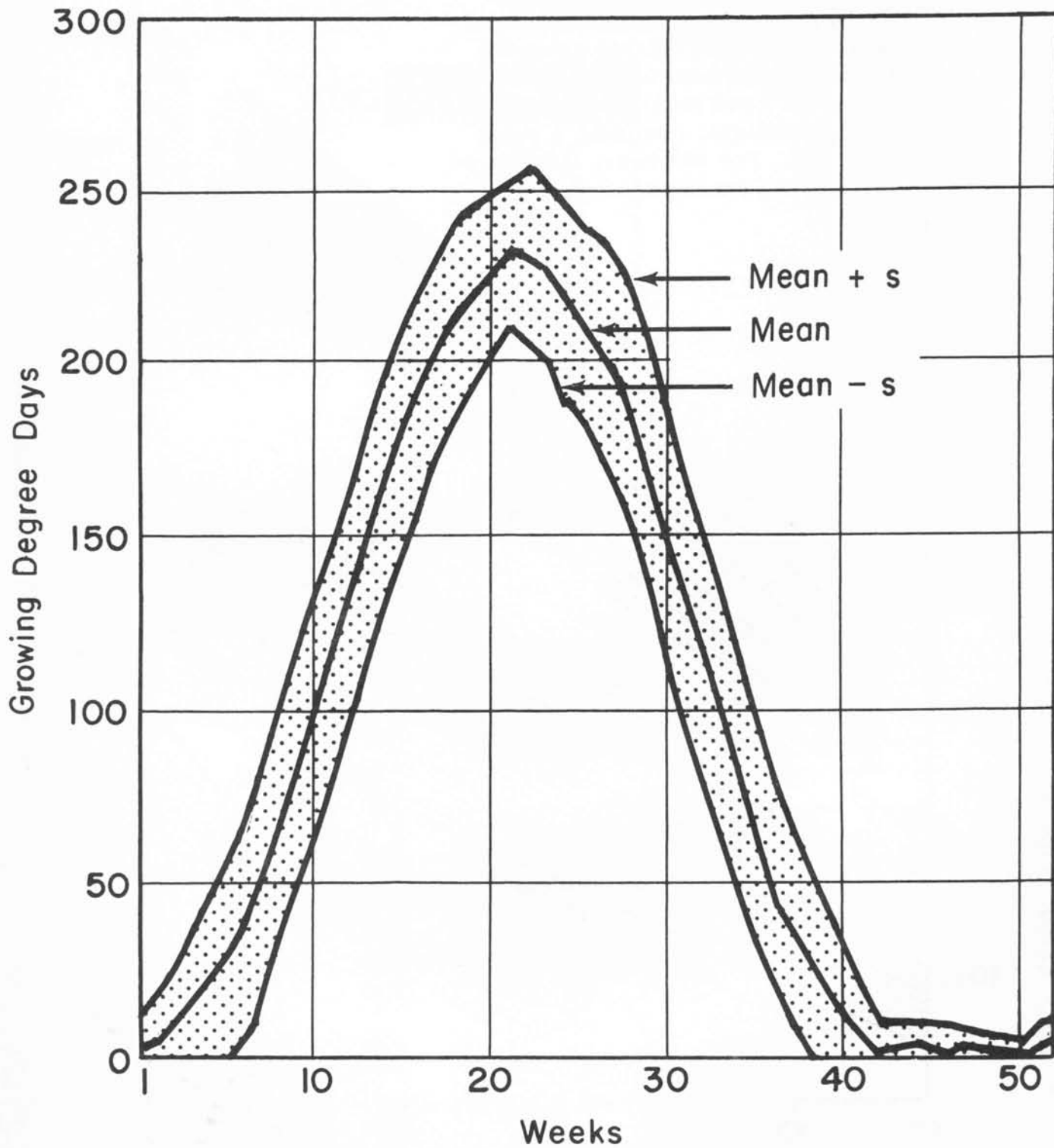


Figure 8. Weekly growing degree days that can be expected in 2 out 3 years--
Base 40° (Geneva, New York).

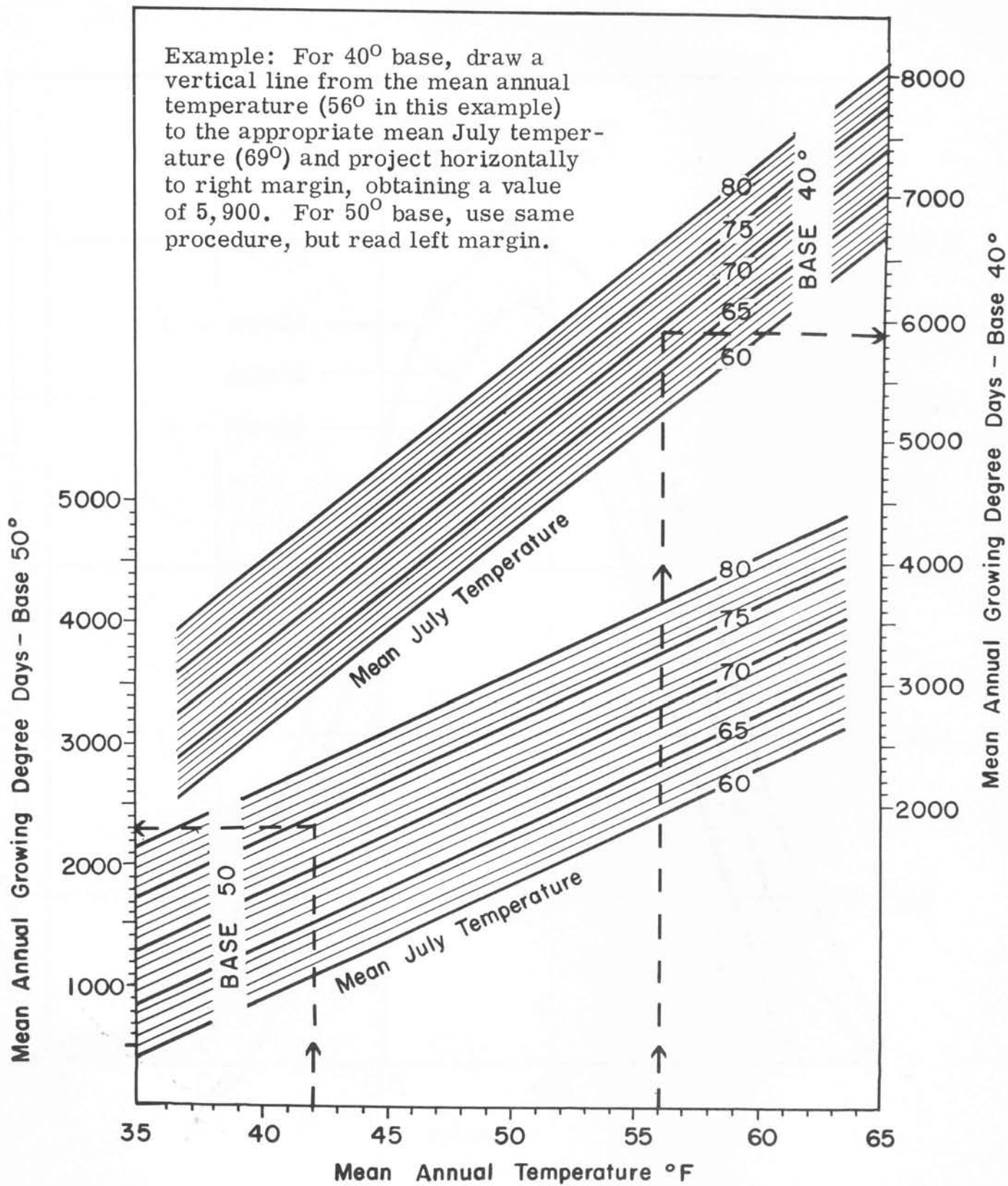


Figure 9. Nomogram for determining cumulative growing degree days (Weeks 1-52).

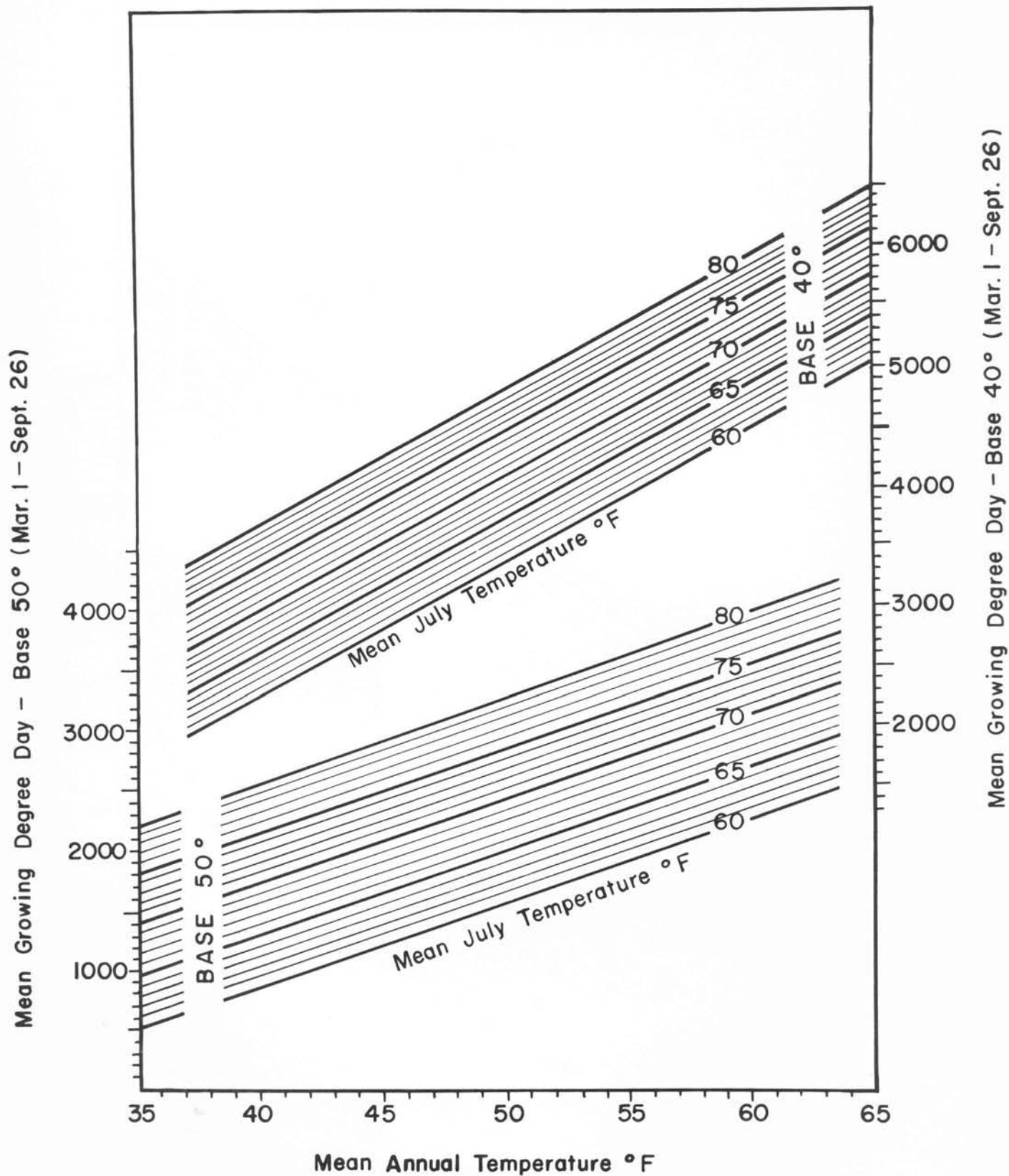


Figure 10. Nomogram for determining cumulative growing degree days (Weeks 1-30).

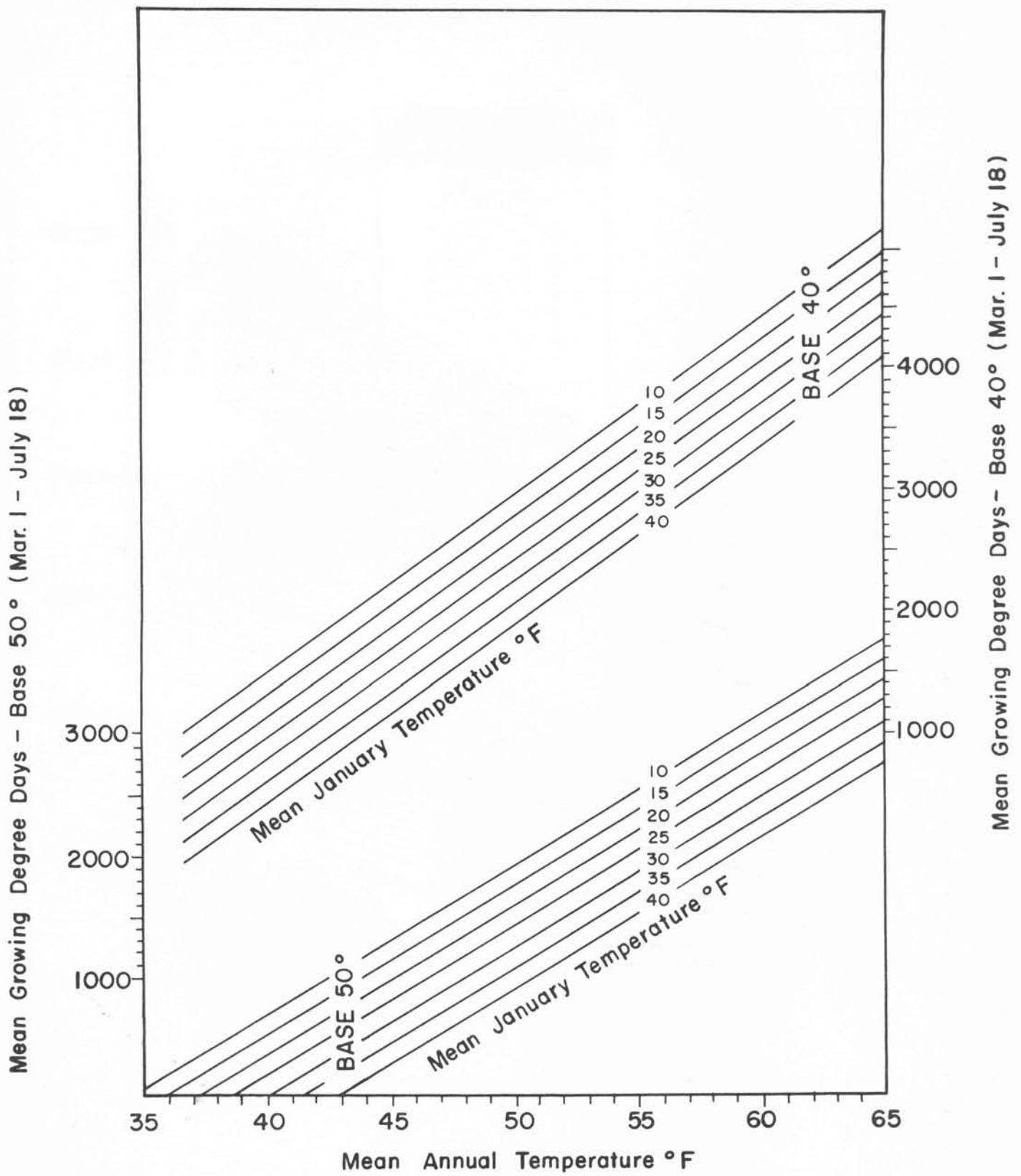


Figure 11. Nomogram for determining cumulative growing degree days (Weeks 1-20).

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956

CLIM. WEEK NO.	CONNECTICUT									
	Cream Hill		Hartford		Norwalk		Storrs (1890-1919)		Storrs (1926-1955)	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	1	4	5	7	4	7	3	6	2	5
2	5	9	10	13	8	11	7	11	5	10
3	12	23	17	25	16	21	10	15	12	21
4	20	26	27	27	25	24	19	22	18	22
5	21	25	30	25	31	26	21	25	21	21
6	32	27	42	26	40	23	26	23	29	23
7	39	35	53	35	53	35	45	31	38	32
8	59	32	75	32	70	27	67	27	56	29
9	73	32	89	27	85	26	79	30	68	29
10	102	39	120	35	118	33	97	33	99	37
11	102	25	123	22	120	22	111	28	101	24
12	122	26	141	21	139	20	121	37	119	23
13	136	31	157	31	152	29	134	36	136	30
14	153	33	174	31	170	31	156	33	153	31
15	165	27	184	27	182	23	157	26	163	28
16	172	31	194	31	194	30	173	27	171	31
17	190	29	212	28	211	26	187	29	190	27
18	197	27	219	27	215	24	195	30	196	26
19	212	23	232	22	229	22	202	30	208	22
20	208	22	233	22	227	23	213	21	209	23
21	214	20	236	19	235	21	207	27	213	22
22	217	19	241	19	239	18	208	25	216	22
23	205	29	226	28	224	28	203	22	203	30
24	207	24	227	24	226	21	203	25	205	24
25	193	30	212	29	210	29	190	21	192	30
26	184	31	205	30	202	28	186	26	183	29
27	183	33	203	28	204	28	171	26	182	29
28	163	28	181	29	181	28	165	30	159	28
29	148	29	166	27	169	26	151	26	150	28
30	130	29	148	29	147	26	136	31	128	32
31	107	33	124	30	127	30	108	30	109	31
32	103	33	120	29	118	31	102	35	103	29
33	89	39	103	35	99	32	86	32	88	34
34	71	36	85	36	83	34	69	28	72	33
35	51	32	66	33	66	34	55	33	52	30
36	39	27	54	29	53	30	36	19	44	27
37	24	22	36	26	36	25	22	16	27	22
38	27	27	33	26	32	25	18	19	26	24
39	10	16	18	20	16	18	13	14	13	16
40	6	10	9	14	10	13	6	8	8	12
41	4	8	8	12	7	10	5	9	5	7
42	0	1	2	5	2	4	4	6	1	2
43	1	3	3	6	3	6	4	8	2	4
44	1	4	3	6	3	6	1	3	2	5
45	3	7	6	10	4	6	2	5	4	8
46	2	7	3	9	3	6	0	1	2	8
47	1	3	2	5	2	5	4	8	1	3
48	1	3	2	4	3	5	2	8	1	3
49	0	1	0	2	1	3	0	2	0	1
50	0	2	1	2	1	2	0	1	0	2
51	2	6	3	8	4	9	1	3	2	7
52	2	8	4	8	5	9	2	4	3	10
TOTAL	4409		5067		5004		4383		4390	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	CONNECTICUT		DELAWARE						MAINE	
	Waterbury		Bridgeville		Dover		Milford		Eastport	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	7	9	25	20	23	22	26	22	0	0
2	12	14	31	24	30	24	31	25	1	3
3	22	27	51	43	51	43	52	43	3	6
4	36	30	64	40	66	40	66	39	3	5
5	42	31	68	31	71	32	72	30	5	11
6	52	28	78	32	79	33	79	33	6	8
7	62	37	90	33	93	36	93	35	9	8
8	85	36	110	29	112	29	112	30	22	14
9	97	33	123	28	125	30	124	30	26	14
10	129	36	152	31	157	32	156	32	46	17
11	131	24	155	30	161	26	159	27	50	14
12	149	23	176	26	182	25	181	26	63	15
13	164	28	181	31	187	32	186	32	78	19
14	180	33	199	28	206	29	205	30	94	22
15	193	26	215	23	221	25	220	25	99	17
16	202	30	223	30	229	31	228	31	110	20
17	221	33	242	25	247	25	246	26	124	19
18	227	27	245	25	250	24	249	26	136	19
19	241	24	252	19	258	18	258	19	144	18
20	237	26	252	23	259	24	257	25	147	15
21	245	22	262	27	268	26	266	27	154	15
22	247	21	266	22	271	22	271	23	154	9
23	233	29	252	26	260	25	257	24	155	16
24	233	24	251	21	258	18	256	20	154	19
25	220	27	238	23	244	24	242	24	152	20
26	212	32	227	25	232	26	231	27	145	17
27	211	29	233	30	239	29	236	30	138	18
28	186	31	215	27	221	24	218	25	129	17
29	174	25	205	28	210	26	208	27	118	18
30	155	30	180	33	187	32	185	33	103	18
31	131	33	161	33	167	34	166	33	84	19
32	126	29	149	37	153	38	152	37	82	19
33	108	37	133	33	137	33	136	33	68	29
34	93	40	116	37	121	36	119	37	53	23
35	73	35	97	30	99	32	99	31	37	20
36	61	31	85	40	87	39	87	39	30	16
37	42	28	65	34	67	33	66	33	18	14
38	39	29	65	38	66	36	68	37	16	15
39	21	21	35	25	37	27	37	27	11	15
40	14	20	28	22	27	22	29	23	6	8
41	11	17	23	21	23	22	24	21	5	9
42	3	6	18	20	16	17	18	19	1	3
43	5	8	14	18	13	15	15	19	1	3
44	5	8	17	18	16	19	18	19	1	2
45	7	11	22	25	20	24	22	25	2	5
46	5	9	19	23	17	21	19	24	1	4
47	3	7	22	23	19	20	22	24	0	1
48	4	8	20	23	18	24	20	24	0	1
49	1	3	9	10	8	10	9	10	0	0
50	2	4	14	15	13	13	15	16	0	0
51	6	12	23	23	21	22	23	24	0	1
52	7	13	27	23	26	24	27	23	0	1
TOTAL	5372		6423		6568		6561		2984	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	MAINE									
	Farmington		Lewiston		Portland		Presque Isle		Rumford	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	0	0	0	0	1	2	0	0	0	2
2	1	3	2	5	2	6	0	1	1	3
3	3	6	4	6	5	8	2	4	2	5
4	5	8	7	12	9	13	2	5	7	12
5	8	13	9	13	12	16	3	8	9	13
6	16	17	16	16	19	16	6	12	16	20
7	23	24	24	23	26	21	9	17	23	28
8	41	25	42	23	42	21	23	21	37	27
9	58	31	56	27	54	24	32	23	53	28
10	87	32	82	29	78	26	60	31	81	35
11	90	18	86	16	80	17	67	21	84	19
12	110	27	104	24	99	22	84	29	103	31
13	133	30	129	30	121	30	111	33	126	33
14	147	30	147	28	138	29	118	32	143	34
15	158	29	156	29	143	27	133	35	156	30
16	169	31	169	29	157	28	149	37	165	36
17	181	27	182	26	174	25	157	28	184	33
18	193	25	198	26	187	23	172	29	194	33
19	202	26	208	25	197	24	182	25	201	27
20	205	21	210	23	200	22	186	25	206	28
21	210	19	214	16	202	17	186	20	208	23
22	204	20	214	19	205	20	183	19	204	24
23	193	27	205	26	197	25	174	23	194	32
24	198	25	207	29	199	26	177	30	196	29
25	189	31	198	30	189	30	170	32	186	32
26	179	33	188	29	181	30	156	31	176	33
27	166	28	177	28	169	26	143	32	163	31
28	146	30	156	28	153	27	122	35	143	33
29	133	30	143	27	140	27	109	30	131	37
30	114	34	124	28	120	31	93	31	113	37
31	88	29	99	25	97	26	62	26	83	31
32	84	28	94	26	94	26	63	27	83	36
33	67	38	79	33	77	32	50	37	66	38
34	52	27	59	28	62	29	34	21	49	29
35	30	22	37	24	42	23	18	17	31	26
36	22	19	29	19	34	20	15	17	22	18
37	13	14	16	15	20	17	6	9	12	18
38	10	14	12	15	18	18	6	10	13	26
39	6	13	8	12	12	16	3	8	6	14
40	2	7	3	7	6	9	1	3	2	4
41	1	3	2	5	3	6	1	3	2	5
42	0	0	0	0	1	2	0	0	1	4
43	0	0	1	2	1	4	0	0	1	6
44	0	0	0	1	1	3	0	0	0	0
45	1	2	1	4	2	5	0	1	1	3
46	1	3	0	2	2	7	0	2	2	9
47	0	0	0	0	0	1	0	0	1	8
48	0	0	0	1	1	2	0	0	1	4
49	0	0	0	0	0	0	0	0	0	1
50	0	0	0	1	1	2	0	0	2	7
51	0	0	0	1	0	1	0	0	0	1
52	0	1	0	1	1	2	0	0	1	3
TOTAL	3939		4097		3974		3268		3884	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	MARYLAND									
	Chewsville- Bridgeport		Crisfield		Easton		Elkton		Frederick (Pol. Bks.)	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	14	18	31	25	25	22	16	17	19	20
2	19	20	43	32	31	25	22	18	25	23
3	39	39	64	44	52	43	39	37	47	39
4	51	36	80	38	68	38	57	37	62	38
5	51	31	90	35	73	33	63	31	65	29
6	66	34	96	26	84	32	73	32	79	33
7	74	37	114	36	96	37	84	37	90	36
8	94	33	135	28	113	32	103	31	110	31
9	112	34	146	28	129	28	121	28	129	31
10	136	33	173	24	157	32	150	34	155	37
11	140	34	179	25	161	27	151	27	159	28
12	163	26	195	30	183	27	176	26	181	26
13	168	33	205	32	189	33	182	31	187	30
14	188	29	221	26	206	29	201	27	206	31
15	200	25	235	26	221	27	214	24	219	28
16	209	27	246	29	231	28	223	25	227	27
17	226	28	264	24	248	25	241	24	245	26
18	230	25	265	25	251	24	243	24	248	25
19	238	20	270	17	258	19	252	19	256	22
20	240	25	270	27	259	25	254	22	258	24
21	247	28	282	26	269	26	262	25	267	30
22	252	23	285	22	272	24	266	23	271	21
23	239	28	275	20	261	26	252	27	257	30
24	235	23	272	19	258	21	250	21	253	23
25	221	24	261	22	246	25	238	25	238	25
26	212	31	251	25	234	26	226	30	227	32
27	214	33	258	26	240	30	233	30	230	33
28	196	27	241	24	220	25	212	25	213	29
29	185	30	233	25	211	28	199	29	199	32
30	158	36	211	27	187	33	175	32	176	37
31	141	35	189	29	166	35	154	34	155	34
32	127	39	179	34	151	39	140	38	143	39
33	112	35	161	29	135	34	123	33	126	34
34	94	34	147	34	119	36	107	36	108	35
35	73	31	126	30	99	31	85	32	86	28
36	62	35	111	38	87	39	76	37	71	36
37	45	30	89	35	67	32	50	31	52	31
38	47	34	86	33	67	37	50	33	54	36
39	20	23	52	28	37	27	26	24	25	25
40	15	16	40	23	27	22	18	19	18	19
41	12	16	33	26	21	21	15	16	14	17
42	8	13	24	23	15	17	10	12	11	17
43	7	11	19	21	12	16	7	10	8	13
44	5	8	21	20	16	17	9	12	7	10
45	11	19	25	22	20	24	12	18	13	18
46	11	16	22	23	17	22	11	16	13	18
47	8	14	25	24	20	22	8	11	12	16
48	11	16	24	24	18	23	10	16	14	18
49	3	6	14	13	8	10	3	5	5	8
50	6	9	20	16	13	13	6	8	7	11
51	13	20	28	23	21	22	12	17	15	20
52	14	18	29	21	26	22	16	19	18	22
TOTAL	5662		7355		6595		6126		6273	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	MARYLAND									
	Frostburg		Keedysville		Oakland		Owings Ferry Landing		Princess Anne	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	13	19	18	20	13	17	28	25	29	24
2	14	18	23	22	11	15	33	26	36	26
3	32	35	47	42	27	30	57	46	56	45
4	44	35	60	38	35	32	72	41	71	41
5	44	29	62	31	36	28	75	32	73	34
6	60	35	77	35	48	30	86	35	85	32
7	64	45	85	38	52	38	99	38	98	38
8	87	32	107	31	71	30	119	31	114	31
9	105	38	127	34	84	37	135	30	128	26
10	127	40	151	33	103	31	161	33	154	27
11	130	30	155	31	106	32	163	28	159	27
12	152	30	179	27	130	29	184	27	182	30
13	156	33	184	31	135	35	188	31	186	32
14	172	33	201	32	150	31	206	30	201	28
15	188	29	215	25	166	29	221	27	216	29
16	194	27	221	28	174	27	228	28	227	30
17	209	26	239	26	187	26	247	25	244	24
18	212	28	243	24	188	26	249	23	246	26
19	215	20	251	21	192	21	255	18	253	17
20	222	25	253	25	197	24	257	24	253	25
21	228	30	261	29	203	27	265	26	264	24
22	233	21	265	20	209	18	269	22	267	21
23	221	28	254	27	200	25	257	25	256	22
24	217	22	250	24	196	21	254	22	253	23
25	204	26	236	24	184	26	241	25	242	24
26	196	29	225	31	173	33	231	28	230	28
27	198	33	229	32	174	29	237	33	237	27
28	185	29	210	29	163	28	217	26	216	27
29	169	34	198	32	153	33	210	27	208	29
30	146	39	172	38	124	34	185	34	184	33
31	130	32	154	34	111	32	164	37	164	34
32	118	38	140	40	96	36	153	39	151	38
33	103	36	125	35	83	31	136	31	134	34
34	88	35	107	38	68	31	124	37	117	40
35	68	29	85	30	54	23	103	31	99	30
36	51	31	70	36	40	29	87	41	88	41
37	40	30	53	31	29	24	70	35	65	35
38	42	35	54	35	32	28	70	35	68	35
39	16	19	25	26	13	18	39	27	38	26
40	14	19	18	19	11	15	29	23	29	20
41	9	13	14	18	8	11	24	22	26	22
42	8	13	9	15	9	16	17	19	19	19
43	7	12	8	12	5	10	16	18	16	17
44	6	8	8	10	7	9	18	20	22	21
45	11	17	14	22	10	16	21	25	25	26
46	9	15	13	19	8	14	20	24	21	23
47	10	14	10	16	9	14	22	23	26	26
48	10	16	14	19	9	14	22	27	22	25
49	2	5	5	8	2	4	9	11	12	12
50	5	9	7	11	5	10	16	17	18	15
51	10	15	16	22	10	14	24	25	27	25
52	12	19	18	20	9	12	28	24	30	24
TOTAL	5206		6165		4512		6641		6585	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	MARYLAND						MASSACHUSETTS			
	Salisbury		Westminster		Woodstock		Adams		Amherst	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	32	25	16	19	17	18	1	3	2	3
2	39	28	22	22	23	21	2	5	7	10
3	62	46	42	40	43	39	8	15	11	18
4	75	41	55	39	57	38	15	20	22	27
5	80	33	57	32	60	33	17	20	24	25
6	88	32	71	33	74	34	23	17	34	25
7	103	37	80	39	83	35	36	30	44	34
8	121	30	101	32	103	30	54	32	63	32
9	134	26	118	33	121	31	69	27	80	29
10	163	30	146	37	149	34	97	40	110	36
11	165	27	148	31	152	30	97	27	111	25
12	190	25	170	27	174	27	117	26	130	24
13	193	30	174	33	176	32	136	28	149	31
14	209	27	193	32	195	30	152	32	164	31
15	225	26	206	28	210	27	163	29	176	28
16	234	29	213	29	216	26	174	30	184	34
17	249	24	231	27	232	24	189	29	203	30
18	254	25	234	24	236	24	196	24	211	28
19	258	17	244	20	244	21	208	27	222	22
20	260	23	247	24	245	23	207	22	221	24
21	271	26	253	27	253	25	214	22	225	19
22	273	21	258	22	258	22	214	23	228	22
23	264	24	246	30	246	27	198	31	214	29
24	260	21	243	24	244	23	202	30	216	27
25	248	23	227	26	230	24	192	28	202	30
26	237	26	217	31	219	29	178	33	194	32
27	244	29	223	34	223	33	174	29	190	31
28	225	26	205	29	204	29	150	34	166	31
29	215	29	192	30	192	32	139	36	156	30
30	193	33	169	34	167	36	120	33	136	29
31	169	39	148	32	147	34	94	27	113	31
32	160	35	136	39	135	40	91	31	108	30
33	143	34	121	34	115	33	75	36	90	39
34	127	38	104	37	99	35	59	33	75	36
35	107	29	83	31	78	29	39	27	53	32
36	97	38	70	38	68	38	34	26	43	27
37	75	34	51	30	47	30	18	17	27	22
38	75	38	53	34	50	35	16	19	25	23
39	44	28	24	23	25	26	9	15	12	16
40	35	24	19	20	18	20	4	11	7	12
41	30	25	14	16	15	16	4	8	5	10
42	22	23	10	15	10	15	1	2	1	3
43	19	20	7	11	8	12	2	4	2	5
44	23	22	8	10	8	10	2	4	2	5
45	28	27	13	20	14	20	2	6	3	6
46	23	26	11	16	13	19	2	6	2	6
47	28	27	10	15	12	16	0	1	0	1
48	23	25	13	20	14	19	1	2	1	2
49	14	13	4	6	5	7	0	0	0	1
50	21	17	6	9	6	10	0	0	0	1
51	30	25	14	20	14	18	1	3	2	4
52	33	27	18	22	17	19	0	1	2	6
TOTAL	6890		5938		5964		4196		4668	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	MASSACHUSETTS									
	Blue Hill		East Wareham		Hyannis		Lawrence		Springfield	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	3	5	3	4	2	4	3	5	6	8
2	8	12	6	7	5	7	6	11	12	15
3	13	20	10	16	8	11	11	16	21	29
4	22	25	19	17	17	18	20	24	33	31
5	22	23	24	21	22	14	24	25	39	32
6	31	24	31	18	26	17	34	25	52	16
7	42	33	38	26	36	17	44	35	63	40
8	63	30	56	25	54	25	64	29	86	32
9	70	30	61	21	60	22	76	27	99	31
10	102	34	96	24	88	21	107	32	134	36
11	105	23	99	19	94	16	110	21	133	24
12	118	25	114	20	112	19	126	25	153	22
13	138	33	133	22	132	21	148	31	167	32
14	157	28	150	24	148	20	166	27	184	32
15	164	30	158	23	157	22	174	30	193	26
16	172	29	172	28	166	22	184	30	200	30
17	192	30	189	28	188	27	205	31	222	28
18	203	28	202	22	195	23	216	29	226	26
19	214	20	213	21	212	21	224	20	239	22
20	215	25	212	24	211	25	226	26	236	20
21	219	20	221	21	219	22	229	19	240	20
22	223	21	224	22	225	21	230	20	246	20
23	212	28	214	25	214	27	219	26	232	27
24	213	24	214	19	216	18	221	23	230	26
25	203	29	204	29	210	25	210	29	221	29
26	193	31	193	28	200	27	200	31	211	28
27	190	28	193	26	196	24	194	30	208	32
28	170	28	171	27	176	23	174	30	187	32
29	157	28	163	30	167	31	160	27	175	28
30	139	28	142	26	146	23	143	26	156	28
31	116	31	117	28	127	24	117	30	133	31
32	111	31	114	27	122	24	111	30	128	29
33	100	38	96	34	106	31	98	36	113	38
34	81	34	84	32	92	31	81	34	97	36
35	58	31	64	29	78	31	55	29	73	32
36	52	28	57	25	65	24	49	25	61	31
37	32	24	37	25	42	24	30	23	41	28
38	34	27	36	23	38	22	29	25	38	30
39	17	19	20	20	27	20	16	19	21	21
40	11	14	12	13	17	13	9	12	11	14
41	8	11	11	13	14	14	7	11	9	14
42	2	4	3	5	5	5	2	4	3	5
43	3	5	4	7	7	9	2	5	3	6
44	4	6	4	6	4	7	4	6	3	7
45	5	8	4	8	5	8	4	8	5	10
46	3	8	4	6	4	7	2	7	3	9
47	2	5	2	4	3	5	1	2	2	4
48	2	3	3	4	3	5	2	3	3	5
49	1	1	1	3	1	3	1	1	1	2
50	1	3	1	1	2	2	1	3	2	3
51	4	7	2	4	3	7	3	5	4	8
52	4	11	2	4	3	4	3	6	6	13
TOTAL	4624		4603		4670		4775		5364	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	MASSACHUSETTS				NEW HAMPSHIRE					
	Weston		Worcester		Berlin		Durham		Hanover	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	5	7	2	4	0	1	3	4	1	1
2	8	13	6	10	2	4	5	8	2	5
3	17	24	12	20	4	7	8	12	4	9
4	27	29	21	26	6	10	16	19	11	18
5	32	29	22	23	8	15	19	19	12	18
6	40	26	32	24	15	15	29	22	21	20
7	51	36	41	35	18	21	38	29	28	28
8	70	31	61	31	33	25	54	28	47	31
9	83	30	72	30	42	26	66	29	63	31
10	116	36	105	35	68	34	95	35	89	36
11	116	21	104	22	72	23	94	18	91	22
12	132	26	123	25	91	28	115	27	111	26
13	152	30	141	33	118	34	137	31	133	28
14	169	29	158	30	129	31	152	30	146	29
15	175	30	167	29	140	32	162	30	159	28
16	186	31	175	32	152	37	171	31	171	34
17	203	27	194	29	165	30	191	29	185	30
18	212	28	203	26	176	29	202	27	194	30
19	223	22	214	21	186	28	211	24	205	24
20	223	27	212	24	183	26	211	27	203	23
21	229	21	218	20	191	22	215	20	208	20
22	234	19	220	22	188	20	215	24	208	21
23	216	31	208	30	173	30	203	27	194	30
24	222	25	210	26	178	29	207	25	199	28
25	211	28	197	30	168	35	196	31	187	31
26	199	30	188	31	158	32	188	31	178	31
27	197	29	185	31	150	32	181	30	172	31
28	176	33	163	29	126	33	160	29	150	32
29	165	32	152	29	114	32	148	27	138	30
30	142	28	134	29	98	30	130	26	115	33
31	118	29	111	32	74	31	106	33	90	32
32	114	32	105	30	72	26	100	27	86	29
33	100	40	91	37	57	34	82	35	68	37
34	87	34	74	34	44	29	68	31	53	29
35	62	31	50	29	24	21	46	27	34	25
36	55	27	44	25	19	17	40	24	26	21
37	36	28	27	22	10	13	22	19	15	15
38	31	26	28	26	11	14	22	23	15	20
39	19	22	13	18	6	13	13	17	7	13
40	12	15	8	12	3	9	7	11	3	9
41	9	13	6	9	2	6	4	8	2	6
42	3	5	1	3	0	1	1	2	0	0
43	3	6	2	4	1	3	2	5	1	3
44	4	7	3	6	1	2	2	4	1	2
45	6	10	4	8	1	4	4	9	1	4
46	4	10	2	8	1	4	2	6	1	5
47	2	5	1	2	0	2	1	1	0	0
48	2	5	1	4	1	3	1	2	0	1
49	1	3	0	1	0	0	0	1	0	0
50	2	4	1	2	0	0	1	2	0	0
51	4	8	3	6	0	0	1	2	0	2
52	6	10	3	7	1	2	2	5	1	2
TOTAL	4911		4518		3480		4349		4029	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	NEW HAMPSHIRE		NEW JERSEY							
	Keene		Belvidere		Boonton		Charlotteburg		Flemington	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	1	3	6	9	4	6	6	9	10	12
2	4	8	14	15	8	10	9	12	17	16
3	7	14	27	31	17	25	20	30	32	35
4	16	22	40	35	31	27	32	32	45	36
5	19	24	46	31	34	31	35	30	49	32
6	28	24	59	30	47	28	42	27	61	29
7	36	31	68	40	57	35	52	36	73	41
8	54	31	92	33	76	34	74	29	92	28
9	69	28	111	33	87	26	89	32	109	27
10	97	35	141	37	119	34	120	39	141	36
11	98	28	142	28	120	26	119	28	141	26
12	118	27	164	24	141	23	139	24	164	24
13	138	31	170	32	151	31	146	32	169	33
14	150	26	190	35	165	32	164	36	190	32
15	163	27	203	26	181	24	176	25	201	25
16	173	33	211	30	192	30	185	33	210	31
17	190	34	230	29	210	30	202	26	231	27
18	196	30	234	25	215	26	206	25	236	25
19	207	22	244	24	225	24	215	29	245	25
20	206	28	244	23	225	24	214	24	246	22
21	212	21	251	22	233	22	225	23	254	22
22	213	24	254	20	238	21	228	21	258	22
23	197	30	239	29	223	30	213	31	243	31
24	203	28	238	23	223	22	214	22	243	24
25	190	31	223	25	211	30	201	30	228	29
26	179	33	213	31	198	30	192	30	217	28
27	176	32	216	31	204	28	194	31	222	31
28	154	35	198	28	182	26	175	32	202	28
29	144	32	184	29	164	30	159	29	188	28
30	123	29	162	30	143	27	139	32	168	32
31	99	32	138	34	127	34	121	32	147	29
32	95	32	129	35	119	33	109	33	136	36
33	76	37	111	34	99	34	92	33	118	32
34	62	32	92	36	83	38	79	36	100	36
35	42	27	70	35	62	30	61	31	80	32
36	34	24	56	33	51	31	52	34	67	35
37	21	19	39	26	33	24	35	28	47	31
38	20	22	34	31	34	27	34	28	44	30
39	9	14	17	18	15	20	15	17	21	20
40	5	10	10	13	8	9	11	16	14	16
41	4	7	8	13	8	12	8	11	11	13
42	1	1	3	5	4	6	4	6	6	8
43	1	4	3	7	4	9	4	7	5	9
44	2	4	3	6	3	5	4	7	5	9
45	2	5	5	11	5	8	7	11	8	12
46	1	4	4	9	4	9	4	9	6	12
47	0	1	2	6	2	4	3	6	5	9
48	0	1	4	7	4	6	4	6	7	11
49	0	1	1	3	1	2	1	3	2	4
50	0	1	2	3	1	1	2	3	2	4
51	1	2	5	11	4	8	6	12	8	15
52	2	4	8	14	5	10	6	11	10	14
TOTAL	4238		5558		5000		4847		5734	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	NEW JERSEY									
	Indian Mills		Layton		Long Branch		Moorestown		New Brunswick	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	15	18	4	5	11	13	13	16	10	13
2	21	19	7	9	16	16	20	19	17	17
3	36	38	20	28	24	28	34	35	30	34
4	48	36	28	29	40	32	45	34	43	35
5	53	31	31	28	45	29	50	28	48	33
6	63	31	39	28	52	28	63	30	58	28
7	74	38	50	37	62	34	72	38	70	39
8	93	29	68	32	79	30	92	29	90	31
9	108	27	86	29	93	28	107	28	107	30
10	140	36	114	36	122	37	138	35	138	36
11	144	28	114	28	129	22	141	25	140	25
12	166	26	137	25	146	22	161	24	160	22
13	169	34	145	33	160	29	168	33	167	32
14	188	33	164	35	182	29	188	31	188	32
15	200	27	176	25	190	26	198	25	200	23
16	208	32	188	30	202	30	208	31	206	31
17	228	26	205	28	224	27	228	25	227	29
18	230	25	205	32	228	23	233	25	232	24
19	241	22	221	22	239	20	243	22	242	22
20	242	24	218	24	238	22	242	24	242	22
21	248	24	228	22	246	22	250	24	250	23
22	254	23	229	19	251	20	254	21	254	20
23	238	29	218	32	236	28	239	28	240	28
24	240	22	216	24	234	21	241	22	239	20
25	224	27	201	29	224	27	225	26	226	26
26	214	28	193	30	215	25	215	29	216	28
27	219	30	193	33	219	28	219	30	220	30
28	200	28	173	32	197	25	199	26	200	26
29	188	29	157	26	185	26	188	28	187	27
30	164	34	137	31	162	26	167	31	166	29
31	145	35	112	30	141	29	144	32	146	32
32	134	38	109	37	134	35	135	36	134	35
33	117	35	84	31	115	35	116	33	117	32
34	101	38	76	36	101	34	100	37	102	38
35	81	34	54	33	82	35	82	33	82	32
36	70	37	45	31	72	35	69	35	69	34
37	52	33	29	23	53	34	49	29	51	32
38	53	35	24	28	50	32	48	33	48	31
39	27	25	14	19	24	21	24	21	24	21
40	20	20	7	12	17	15	16	18	17	17
41	17	16	6	10	16	17	15	16	14	15
42	12	15	2	4	8	11	8	11	7	10
43	9	12	2	4	9	12	8	11	6	10
44	11	13	2	4	9	12	8	11	9	10
45	15	20	4	8	13	20	12	19	11	17
46	13	18	2	5	9	14	9	15	8	13
47	11	14	2	4	8	11	7	11	7	10
48	12	16	3	6	9	13	9	14	8	12
49	5	7	1	2	3	6	4	6	2	4
50	7	8	1	2	5	5	4	6	4	5
51	14	19	4	10	11	17	11	17	10	17
52	16	19	4	10	12	15	14	17	13	17
TOTAL	5798		4752		5552		5733		5702	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	NEW JERSEY		NEW YORK							
	Pleasantville		Albany		Alfred		Angelica		Auburn	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	12	13	2	4	2	5	3	7	1	4
2	15	15	7	11	5	9	5	9	4	7
3	30	29	14	22	11	18	13	19	11	18
4	40	31	26	29	18	22	16	18	15	19
5	48	29	28	27	17	20	20	24	17	21
6	54	32	41	28	30	28	32	27	28	26
7	62	31	51	38	33	33	37	35	35	32
8	81	26	75	33	48	33	50	30	50	27
9	92	22	95	31	68	38	71	36	70	30
10	125	30	122	37	86	40	89	41	90	35
11	130	23	123	27	88	29	92	29	96	25
12	150	23	143	22	112	31	114	33	121	25
13	157	27	162	31	120	37	126	42	131	31
14	177	29	178	33	142	39	145	42	157	36
15	194	24	189	25	149	30	156	32	168	26
16	203	33	200	31	163	30	171	32	186	30
17	219	25	217	30	177	27	181	29	203	26
18	224	26	225	28	182	30	190	32	214	32
19	235	19	237	24	191	26	196	26	223	27
20	234	25	237	22	191	22	197	23	223	22
21	244	25	240	19	197	26	206	28	230	23
22	248	21	244	18	198	21	206	26	234	20
23	234	24	228	29	187	31	193	33	222	30
24	234	20	229	24	188	29	194	29	224	25
25	224	25	217	28	176	30	183	30	213	29
26	214	26	207	29	163	33	172	35	201	31
27	218	30	203	31	168	33	176	33	202	34
28	198	27	181	33	150	33	157	32	181	33
29	189	31	167	29	139	32	145	30	171	32
30	164	31	145	29	112	36	117	37	146	37
31	146	33	121	29	93	35	99	35	123	33
32	136	38	116	30	89	38	93	38	118	36
33	114	31	98	37	72	35	76	34	104	34
34	107	39	80	34	54	31	56	28	79	34
35	86	34	60	31	38	28	40	27	58	33
36	76	32	49	30	32	26	35	25	47	28
37	52	33	32	22	20	18	22	21	33	23
38	50	28	31	28	25	29	25	31	36	35
39	28	23	15	18	7	13	9	15	13	16
40	20	18	6	12	5	10	6	12	9	14
41	18	17	6	10	2	8	2	6	6	11
42	12	13	1	3	0	1	0	1	1	3
43	9	11	2	6	2	6	2	7	3	7
44	9	12	2	4	2	4	1	4	2	5
45	12	15	4	9	3	7	4	8	3	7
46	12	16	2	8	2	6	2	7	2	8
47	12	14	1	4	1	5	2	7	1	5
48	11	14	1	3	2	7	2	8	1	4
49	4	5	0	1	0	1	0	1	0	0
50	5	7	0	2	1	3	1	4	0	3
51	12	14	2	5	2	5	2	4	1	3
52	13	17	2	6	2	6	2	5	1	5
TOTAL	5593		5064		3965		4134		4708	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	NEW YORK									
	Binghamton		Bridgehampton		Buffalo		Canton		Carmel	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	4	8	5	6	2	5	1	4	3	5
2	8	12	7	9	7	12	3	6	5	8
3	17	24	12	16	12	17	5	11	14	21
4	27	29	23	19	18	22	12	20	22	24
5	26	25	28	20	18	18	11	15	25	26
6	39	30	33	18	32	27	24	24	37	25
7	47	39	46	26	34	34	30	29	47	35
8	64	34	60	23	48	29	46	28	66	32
9	88	38	70	23	70	39	65	37	82	26
10	108	39	96	22	82	34	88	38	110	34
11	112	28	102	18	91	26	92	29	112	23
12	134	27	120	20	109	25	112	27	134	24
13	145	36	138	21	128	37	133	32	144	29
14	165	39	155	25	148	35	148	35	161	33
15	174	27	163	22	165	24	160	24	174	25
16	189	33	175	24	183	36	179	35	183	30
17	203	28	197	24	195	28	188	27	202	28
18	209	30	203	21	204	31	196	32	210	23
19	220	26	216	19	215	26	207	27	221	23
20	222	25	215	22	217	23	205	24	220	21
21	227	24	223	18	220	22	212	22	228	21
22	229	21	231	17	221	21	211	21	232	20
23	216	34	221	26	218	27	200	29	219	30
24	216	29	220	19	217	25	201	30	218	22
25	203	28	213	23	206	26	189	31	204	30
26	192	34	203	27	194	31	179	33	195	28
27	195	33	202	25	192	30	173	34	196	31
28	172	35	182	26	174	29	148	36	175	28
29	161	33	173	23	162	31	139	33	162	28
30	135	33	153	20	137	35	114	37	141	27
31	113	35	134	23	120	34	88	35	119	33
32	107	37	128	27	112	35	88	33	114	32
33	90	37	109	29	96	35	72	38	96	34
34	71	35	97	27	73	33	52	28	80	37
35	56	33	79	28	56	32	36	30	59	33
36	43	29	67	27	47	32	29	24	49	30
37	31	25	47	27	32	21	17	16	31	24
38	34	34	39	24	33	35	20	23	27	24
39	12	17	27	21	12	15	8	15	12	16
40	9	15	17	16	10	14	4	8	7	12
41	6	13	14	15	6	13	3	8	6	10
42	1	4	5	6	2	3	0	1	1	3
43	4	8	6	9	4	9	1	5	2	6
44	3	6	6	8	3	5	1	3	2	5
45	5	10	7	10	5	8	2	6	3	7
46	3	8	5	9	4	9	1	4	2	7
47	2	6	4	7	2	4	0	3	1	2
48	3	9	5	7	3	8	0	2	1	3
49	0	2	2	4	0	1	0	0	0	1
50	1	3	2	4	2	5	0	1	0	2
51	4	9	4	9	3	7	0	1	2	6
52	3	8	5	7	3	6	1	3	3	9
TOTAL	4748		4894		4547		4094		4759	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	NEW YORK									
	Cooperstown		Dannemora		Delhi		Elmira		Fredonia	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	2	6	0	1	2	5	4	8	4	9
2	2	6	2	5	4	7	7	12	10	17
3	8	18	4	11	13	20	17	24	19	27
4	15	23	11	20	19	24	25	27	27	29
5	16	26	8	17	18	22	28	27	24	26
6	20	23	21	24	28	27	41	30	41	33
7	31	37	26	30	35	33	50	39	46	43
8	47	33	42	30	49	33	67	33	64	34
9	68	31	60	36	68	34	90	36	84	40
10	90	35	87	41	90	37	115	39	101	40
11	90	30	88	29	92	29	115	30	106	29
12	115	28	106	28	117	28	140	30	127	27
13	126	32	130	36	124	37	151	34	141	34
14	145	36	145	38	145	36	170	39	167	38
15	157	28	155	27	157	26	179	26	178	29
16	167	27	171	37	167	32	193	32	194	32
17	184	30	183	30	183	27	209	28	210	28
18	188	29	190	38	186	27	214	32	215	31
19	197	27	202	26	197	26	223	26	224	23
20	198	20	198	23	197	24	225	24	223	22
21	204	24	204	21	206	24	232	27	229	24
22	206	22	204	23	206	20	231	20	232	24
23	191	30	192	31	192	32	220	35	224	27
24	191	28	196	31	193	25	216	27	222	26
25	184	32	184	34	180	31	206	28	211	25
26	172	33	177	34	173	30	193	34	201	31
27	169	34	168	37	171	32	197	34	203	33
28	152	37	148	36	152	33	176	33	186	29
29	138	30	137	35	144	28	159	33	176	32
30	115	30	114	32	118	34	134	32	152	32
31	96	29	85	37	97	32	112	36	130	33
32	92	35	87	34	92	34	105	39	122	37
33	75	37	72	43	75	36	90	37	106	32
34	59	31	53	34	59	32	73	37	83	33
35	42	31	34	30	43	29	52	32	66	33
36	33	26	26	25	35	30	43	30	53	33
37	22	22	13	18	23	21	29	25	36	24
38	25	23	17	21	26	31	32	31	40	38
39	10	16	6	14	10	15	13	17	15	19
40	5	10	2	6	6	12	7	11	11	18
41	4	10	2	6	4	8	5	11	9	16
42	0	1	0	0	1	3	1	4	2	6
43	1	4	0	1	1	4	2	6	5	10
44	1	2	0	0	2	4	2	6	3	6
45	2	6	1	4	3	8	5	9	6	11
46	2	7	0	4	2	6	3	7	4	10
47	0	1	0	0	1	3	2	5	3	7
48	1	3	0	2	1	5	2	6	3	8
49	0	1	0	0	0	2	0	2	0	3
50	0	1	0	0	0	2	1	3	3	7
51	1	4	0	0	2	6	3	7	4	8
52	1	3	0	3	2	8	3	7	5	10
TOTAL	4060		3951		4111		4812		4950	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	NEW YORK									
	Geneva		Hemlock		Ithaca		Jamestown		Little Falls	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	3	6	2	5	3	7	5	11	0	2
2	7	12	6	11	6	11	9	16	2	7
3	16	24	11	17	14	21	22	29	6	15
4	25	27	18	22	22	25	30	30	16	24
5	24	27	19	22	23	24	28	26	15	23
6	37	31	30	27	34	27	45	34	27	26
7	45	37	38	33	42	37	50	46	34	34
8	66	33	54	31	57	30	69	34	52	33
9	87	36	76	35	80	38	90	40	76	35
10	106	41	97	38	99	40	108	40	96	39
11	109	29	102	27	100	30	111	31	100	27
12	135	26	127	26	125	28	135	29	120	27
13	148	34	140	35	138	37	144	36	135	35
14	170	38	162	38	156	42	166	40	154	36
15	179	27	171	25	164	27	174	31	164	25
16	192	33	188	33	180	32	190	32	176	31
17	211	26	204	25	196	27	205	27	191	28
18	216	29	210	29	202	31	208	32	197	29
19	225	26	220	25	214	28	216	26	212	25
20	225	21	219	23	214	23	217	26	210	22
21	231	24	225	23	221	26	222	27	215	24
22	233	21	225	22	222	23	225	25	217	21
23	222	33	215	31	209	36	212	28	203	34
24	219	28	213	27	209	28	213	25	204	26
25	211	29	202	28	199	31	203	30	195	29
26	200	31	189	34	186	32	191	31	185	29
27	201	35	191	34	187	34	192	34	182	33
28	180	32	168	32	167	33	178	29	161	32
29	166	35	159	32	153	35	166	32	148	33
30	143	35	132	33	130	35	140	36	123	31
31	119	32	111	35	107	36	119	35	99	30
32	115	37	107	36	102	37	113	41	96	31
33	97	34	90	34	88	39	98	36	81	37
34	77	36	69	34	69	37	76	36	61	33
35	58	32	54	30	51	33	58	31	41	29
36	46	28	43	28	41	28	46	29	31	26
37	30	25	28	22	29	25	31	24	20	19
38	36	34	34	33	34	35	36	37	22	24
39	14	18	11	16	11	17	12	17	8	14
40	8	13	8	13	7	14	8	15	3	8
41	6	12	6	12	5	11	6	12	2	6
42	1	3	1	2	1	3	2	5	0	1
43	3	7	4	7	3	6	4	9	1	3
44	2	6	2	5	2	6	3	6	1	4
45	4	7	4	8	4	7	5	10	2	6
46	3	8	2	7	3	9	4	9	1	6
47	1	6	1	4	2	6	3	8	0	1
48	2	6	2	6	2	5	4	12	0	1
49	0	1	0	2	0	1	0	2	0	0
50	1	4	1	3	1	3	2	6	0	0
51	2	5	2	5	3	7	5	9	0	2
52	3	9	2	6	3	7	5	11	0	3
TOTAL	4860		4595		4520		4804		4285	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	NEW YORK									
	Lockport		Lowville		Morrisville		New York		Norwich	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	1	3	0	2	1	4	11	11	1	4
2	6	11	2	5	1	5	18	18	3	6
3	12	20	4	11	7	13	29	32	10	17
4	18	23	11	19	12	18	45	34	18	22
5	18	20	11	18	14	19	49	29	18	22
6	31	27	23	26	24	24	60	29	28	27
7	35	35	27	29	30	31	70	39	36	34
8	51	28	45	30	41	28	95	32	47	31
9	75	36	65	32	62	33	109	28	70	32
10	91	39	90	39	78	37	139	37	87	36
11	96	25	89	28	80	28	146	23	88	29
12	114	25	111	26	106	28	163	23	114	29
13	133	34	129	32	117	36	175	32	124	35
14	153	39	145	33	136	39	196	34	143	36
15	164	24	156	27	148	27	206	25	156	25
16	183	35	174	33	161	33	216	32	167	32
17	198	26	185	28	174	26	236	29	184	28
18	202	28	192	31	181	31	240	25	189	27
19	217	29	202	29	191	31	255	21	199	27
20	214	24	199	22	191	20	254	23	198	24
21	222	24	205	23	197	25	262	22	207	25
22	222	24	207	23	200	22	266	19	209	22
23	211	29	194	32	185	35	252	28	193	36
24	212	25	195	28	184	28	250	24	195	26
25	202	27	185	31	177	32	237	25	185	34
26	191	35	174	31	163	30	231	30	170	32
27	192	31	171	35	165	33	232	30	172	33
28	170	29	148	38	143	34	215	24	149	33
29	160	32	138	34	132	36	198	28	137	31
30	134	33	111	34	103	32	180	27	110	32
31	113	34	89	36	86	34	159	31	91	33
32	106	37	86	35	82	35	150	31	85	33
33	91	37	69	35	67	35	134	33	72	37
34	68	33	51	31	50	31	116	35	55	35
35	50	32	36	30	34	29	96	34	38	29
36	43	29	26	23	29	25	81	32	33	26
37	26	18	15	16	18	17	62	30	19	18
38	28	29	19	24	22	27	57	34	22	25
39	9	12	7	14	7	13	30	22	7	12
40	8	12	1	5	4	9	23	20	5	13
41	5	12	2	7	3	7	19	19	3	9
42	1	3	0	0	0	0	9	11	0	2
43	3	7	0	1	0	3	8	13	0	2
44	2	5	0	2	0	2	9	11	1	3
45	3	8	1	3	2	4	13	18	2	6
46	2	5	0	5	1	7	10	14	0	1
47	1	3	0	0	1	3	8	13	0	1
48	1	5	0	2	0	3	8	12	0	3
49	0	2	0	0	0	0	3	5	0	1
50	0	2	0	0	0	2	5	6	0	0
51	2	5	0	1	0	2	11	15	1	5
52	2	5	0	2	0	1	14	18	1	5
TOTAL	4492		3990		3810		6060		4042	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	NEW YORK									
	Ogdensburg		Oswego		Port Jervis		Poughkeepsie		Rochester	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	0	3	1	4	3	7	4	6	2	4
2	1	3	5	10	8	11	8	10	8	15
3	3	9	9	16	18	26	17	26	14	21
4	11	19	16	22	27	30	33	31	21	24
5	13	20	15	18	31	26	38	31	21	22
6	25	24	27	25	46	28	50	28	35	29
7	31	27	32	30	54	39	58	41	42	36
8	53	28	48	26	75	35	83	38	58	30
9	66	34	65	34	95	33	102	32	81	40
10	89	32	81	33	121	40	128	41	101	41
11	97	28	87	24	121	27	129	27	106	27
12	117	28	106	24	145	26	154	26	127	24
13	135	29	123	33	152	35	166	31	143	35
14	151	32	140	36	171	35	183	32	163	39
15	160	26	153	23	182	27	194	25	173	24
16	179	33	172	34	193	31	204	28	193	35
17	195	19	187	27	210	29	223	28	206	26
18	207	32	196	32	214	29	232	25	215	30
19	212	29	212	24	226	26	241	21	224	28
20	211	22	212	23	227	23	240	20	224	23
21	216	22	217	22	236	21	244	21	228	24
22	217	19	220	20	237	22	250	18	230	23
23	208	28	211	29	222	32	236	28	220	32
24	212	31	211	25	223	25	235	23	219	27
25	199	31	202	26	208	27	224	24	208	28
26	188	29	189	30	197	32	208	32	196	33
27	180	31	188	33	202	29	209	31	195	34
28	161	32	169	31	180	31	190	29	174	33
29	151	33	157	32	166	27	173	30	166	33
30	125	33	133	30	145	31	151	28	138	36
31	99	33	112	30	123	34	127	28	117	34
32	97	35	107	33	114	35	123	34	111	36
33	81	33	91	33	96	35	106	37	95	36
34	63	32	72	32	81	34	88	34	72	34
35	40	28	53	32	60	32	66	32	55	32
36	33	23	43	27	48	33	56	31	45	29
37	19	19	28	22	32	24	36	28	29	22
38	17	18	31	30	29	27	32	30	34	35
39	8	16	12	17	14	16	15	20	12	17
40	2	5	7	12	7	13	6	12	9	13
41	3	8	5	11	5	10	7	12	6	11
42	0	0	0	2	1	2	1	3	1	4
43	1	5	2	6	2	6	3	7	4	8
44	0	1	1	4	1	4	3	6	2	6
45	1	4	3	7	3	7	4	9	5	8
46	0	3	2	7	2	8	2	8	4	9
47	0	0	1	4	1	4	1	3	1	4
48	0	1	1	6	2	6	2	5	2	6
49	0	0	0	1	0	2	0	2	0	2
50	0	0	0	2	0	2	0	1	1	5
51	0	0	1	5	4	10	3	6	2	6
52	0	2	2	5	4	9	5	12	2	8
TOTAL	4277		4358		4964		5293		4740	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	NEW YORK									
	Roxbury		Salisbury		Setauket		Syracuse		Walden	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	3	6	0	1	7	8	3	5	3	5
2	4	8	1	4	12	14	7	13	6	10
3	12	21	4	10	20	24	14	21	15	26
4	18	24	11	18	33	28	23	26	24	25
5	18	22	9	17	37	26	23	23	30	24
6	21	19	17	21	48	25	37	32	39	29
7	37	35	23	29	59	34	44	37	49	36
8	53	33	38	29	79	30	62	31	69	30
9	65	34	58	34	92	25	87	37	85	31
10	93	41	76	38	121	33	103	40	113	39
11	91	31	77	29	125	20	107	29	115	26
12	116	28	100	26	143	21	131	23	133	26
13	123	40	112	34	155	27	147	36	146	36
14	143	37	134	39	172	28	166	41	167	35
15	156	27	142	30	184	23	175	27	176	29
16	164	32	156	32	194	28	192	35	186	34
17	179	30	170	27	212	27	206	27	207	31
18	185	27	176	29	219	24	213	30	213	24
19	194	29	188	30	233	19	225	27	224	25
20	198	26	188	20	231	23	225	23	223	23
21	206	23	191	24	239	21	229	23	229	23
22	205	23	195	23	242	19	232	22	232	23
23	192	29	180	35	231	22	219	33	218	32
24	192	28	182	28	232	19	220	27	217	25
25	182	33	173	31	220	24	209	31	203	29
26	169	31	161	30	213	26	197	34	192	29
27	168	32	158	32	213	25	196	33	192	32
28	146	32	134	35	196	23	172	34	168	29
29	137	31	124	33	183	27	163	33	155	30
30	116	33	101	35	163	21	135	34	132	29
31	93	34	80	30	149	29	114	34	111	34
32	90	34	75	30	138	27	111	35	103	35
33	70	34	60	35	122	28	94	37	85	35
34	53	31	45	25	107	32	74	34	75	31
35	40	27	29	26	89	31	56	31	55	29
36	35	29	22	20	75	30	45	30	45	28
37	21	19	12	14	57	29	32	23	29	22
38	23	26	14	19	52	29	35	35	31	31
39	10	15	6	11	30	23	14	18	14	17
40	5	11	2	7	21	18	8	13	9	12
41	3	5	0	2	16	17	6	11	6	9
42	0	1	0	0	7	9	1	3	2	4
43	2	5	0	2	7	10	4	8	2	5
44	2	4	0	2	8	10	2	7	2	4
45	3	8	1	4	10	14	5	10	4	7
46	2	9	1	5	7	11	4	9	2	8
47	1	2	0	0	5	8	2	6	1	4
48	2	6	0	0	6	8	2	6	1	3
49	0	1	0	0	2	4	0	1	0	2
50	0	2	0	0	4	4	1	4	1	2
51	2	5	0	1	7	11	3	7	2	6
52	1	2	0	1	8	13	3	9	3	8
TOTAL	4044		3626		5435		4778		4744	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	PENNSYLVANIA									
	Butler		Carlisle		Claysville		Corry		Donora	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	12	19	12	15	17	18	5	11	23	25
2	13	15	16	18	18	23	9	14	27	23
3	29	33	36	35	39	37	18	27	46	41
4	47	36	50	35	48	38	25	27	60	43
5	43	33	55	31	49	32	25	25	63	31
6	64	36	69	33	63	36	42	34	80	36
7	68	46	80	41	70	47	47	44	86	49
8	87	36	101	34	87	32	66	36	106	39
9	109	40	123	34	107	40	78	37	126	39
10	123	37	150	39	125	38	96	41	146	37
11	129	33	150	29	127	30	98	28	150	31
12	152	32	172	25	156	29	121	32	174	32
13	162	33	178	31	160	34	138	30	178	35
14	178	36	197	31	180	39	152	40	202	38
15	195	29	209	26	193	30	167	30	216	30
16	205	30	218	27	204	30	180	29	223	30
17	219	25	236	27	214	30	194	28	239	28
18	218	30	239	24	219	30	198	35	240	29
19	222	26	247	21	223	26	209	29	248	24
20	228	24	250	24	226	27	212	32	252	22
21	234	26	258	27	232	32	214	31	256	26
22	239	26	260	24	236	22	216	28	260	21
23	225	28	246	30	226	31	204	31	250	28
24	224	28	242	24	225	28	202	26	246	26
25	210	30	229	27	209	31	197	33	232	28
26	203	32	221	32	200	35	185	36	223	33
27	203	33	221	33	202	32	181	36	227	33
28	192	32	204	26	190	32	174	29	214	28
29	175	35	190	31	180	39	158	37	201	34
30	146	33	164	37	153	42	134	33	173	36
31	127	33	144	35	132	36	112	36	153	36
32	123	44	133	38	122	45	101	39	144	40
33	104	39	114	33	103	41	83	33	126	36
34	82	36	96	37	83	38	70	32	106	38
35	66	30	73	32	67	32	53	31	89	31
36	50	34	60	35	52	33	39	26	68	36
37	37	29	43	29	41	30	24	18	54	32
38	40	37	41	33	43	38	30	32	58	42
39	14	18	18	21	19	23	12	17	28	29
40	11	17	12	15	14	19	8	11	22	22
41	11	14	8	14	12	13	5	10	20	21
42	6	9	5	9	11	16	2	4	16	21
43	8	13	4	7	10	16	3	6	13	19
44	8	11	3	6	10	15	2	6	18	21
45	11	16	6	11	13	18	5	9	19	24
46	10	14	7	13	11	16	4	9	17	21
47	9	13	4	8	12	16	3	5	16	20
48	11	18	8	13	11	15	1	3	17	24
49	2	4	3	5	4	7	1	2	7	9
50	6	10	2	5	8	12	3	6	13	14
51	10	5	9	16	14	16	4	8	20	22
52	11	16	11	18	13	18	4	10	22	22
TOTAL	5311		5827		5383		4514		6213	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	PENNSYLVANIA									
	Edensburg		Franklin		Freeland		George School		Gettysburg	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	6	12	5	10	4	10	10	14	15	19
2	8	14	8	12	6	10	17	18	19	21
3	17	22	19	23	18	28	28	28	41	40
4	28	31	28	27	24	26	41	32	54	38
5	29	21	26	24	24	28	44	20	57	32
6	40	32	42	30	36	30	58	31	71	33
7	44	38	49	42	43	37	68	35	80	39
8	66	38	65	34	59	33	91	30	103	34
9	83	32	85	37	78	36	109	28	121	31
10	107	42	106	37	111	38	139	36	149	37
11	103	31	108	33	111	34	141	28	150	31
12	133	32	134	29	134	25	162	26	173	27
13	136	37	140	34	140	38	168	35	178	33
14	157	35	161	39	161	38	193	29	198	31
15	167	28	173	31	174	27	200	26	210	28
16	173	29	188	34	179	32	204	29	216	27
17	190	28	210	27	194	29	227	27	235	26
18	187	25	206	34	198	29	230	22	238	24
19	200	22	211	28	209	25	243	22	246	21
20	202	25	215	27	210	24	244	22	249	22
21	206	30	222	28	217	20	249	23	258	27
22	211	21	224	27	221	20	254	22	260	22
23	200	30	212	27	209	30	238	29	249	31
24	200	26	210	26	203	27	238	24	244	24
25	186	27	201	30	187	26	227	29	230	26
26	181	33	188	33	181	35	216	27	218	30
27	182	30	188	32	186	35	219	29	224	32
28	164	28	176	29	170	32	197	28	204	28
29	152	26	164	35	150	31	188	31	192	30
30	126	38	139	37	136	34	166	35	168	36
31	110	32	116	33	110	38	145	32	148	32
32	108	38	108	38	100	35	134	37	137	39
33	89	40	89	34	85	40	117	32	119	34
34	67	38	71	37	64	36	100	37	102	37
35	50	33	52	27	46	34	78	32	80	29
36	40	28	39	27	39	28	66	34	66	35
37	25	21	28	23	23	24	46	30	48	31
38	28	26	30	31	32	29	46	32	49	34
39	9	15	13	18	11	15	22	21	22	23
40	10	16	8	13	8	11	16	17	16	18
41	6	12	5	8	4	8	12	14	12	16
42	4	7	3	5	2	5	7	10	8	12
43	3	7	4	8	3	5	6	10	6	9
44	4	6	4	8	2	4	7	10	5	9
45	6	11	5	9	4	8	10	15	11	16
46	4	5	5	8	4	4	8	12	9	15
47	4	8	3	6	1	3	6	11	7	13
48	5	11	4	9	2	6	7	9	10	14
49	1	2	1	1	0	1	2	4	4	5
50	2	4	2	5	1	2	4	5	4	9
51	5	11	4	7	4	10	9	16	12	18
52	4	13	5	10	4	13	13	17	14	20
TOTAL	4468		4702		4522		5670		5939	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	PENNSYLVANIA									
	Greenville		Huntingdon		Johnstown		Lancaster		Lawrenceville	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	9	15	8	12	14	19	11	13	4	8
2	13	18	10	14	13	17	17	18	7	10
3	27	31	27	30	34	35	36	38	18	24
4	39	35	37	35	41	36	43	32	26	27
5	33	27	41	29	46	33	49	33	25	27
6	54	34	56	32	55	25	62	32	39	31
7	54	42	64	40	70	45	72	39	47	36
8	78	33	82	33	93	38	93	31	63	31
9	95	42	105	34	110	38	108	30	86	36
10	113	41	126	36	133	39	139	34	109	37
11	117	26	129	31	131	34	142	29	110	32
12	138	32	157	30	161	26	164	27	137	32
13	150	36	160	36	165	32	171	30	144	39
14	169	44	178	35	184	36	189	31	165	41
15	179	30	191	26	197	24	202	27	174	28
16	198	32	201	28	205	28	207	31	189	33
17	212	23	216	26	222	31	225	23	200	26
18	217	29	220	28	225	30	228	23	205	31
19	221	26	228	23	227	24	237	22	213	27
20	222	22	228	25	231	24	240	23	214	23
21	229	29	237	24	240	27	247	24	221	28
22	233	27	239	21	243	19	250	20	223	21
23	219	35	228	32	230	29	236	28	212	33
24	217	28	226	25	228	26	234	23	209	30
25	207	30	216	27	215	30	222	26	198	33
26	193	33	201	31	203	35	208	28	188	33
27	196	35	205	33	212	36	214	29	190	33
28	186	28	189	29	189	29	196	24	170	33
29	174	35	175	32	179	34	181	29	161	39
30	142	38	149	36	154	38	159	34	132	37
31	126	33	127	30	134	34	135	30	110	32
32	110	41	119	41	126	40	119	38	106	40
33	95	36	101	37	104	36	103	33	91	37
34	76	34	82	34	88	42	87	35	67	33
35	61	29	62	29	75	30	67	30	50	32
36	42	29	48	30	51	35	60	38	41	27
37	33	25	32	26	45	30	38	26	27	23
38	36	35	35	32	44	35	40	31	29	32
39	14	20	17	22	20	24	20	21	11	18
40	9	12	10	15	13	17	10	13	6	12
41	8	13	7	12	11	15	9	12	3	9
42	4	6	3	7	6	11	5	8	1	3
43	5	10	5	9	6	11	2	5	3	6
44	4	6	2	5	4	7	4	8	2	5
45	7	12	6	11	8	15	5	9	5	9
46	6	11	7	14	9	14	5	10	2	8
47	5	11	5	10	8	13	4	7	2	6
48	4	10	6	11	9	16	6	9	6	23
49	2	4	2	3	3	5	2	4	0	1
50	4	7	2	6	5	9	1	4	1	3
51	8	11	6	10	12	17	8	15	3	7
52	8	15	6	13	9	10	11	16	3	7
TOTAL	5001		5219		5440		5523		4648	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	PENNSYLVANIA									
	Lock Haven		New Castle		Newell		Palmerton		Philadelphia	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	8	11	10	16	15	13	6	8	13	16
2	12	16	12	16	24	25	10	13	21	19
3	26	30	28	32	42	40	22	28	38	37
4	37	32	40	34	54	41	30	30	51	32
5	44	31	37	29	50	29	34	25	60	35
6	58	34	55	34	70	38	46	28	74	33
7	70	42	63	45	81	52	57	40	81	40
8	92	34	82	35	92	39	77	31	102	30
9	112	36	97	41	114	41	98	32	120	29
10	139	37	121	36	136	33	122	39	148	34
11	137	29	126	30	138	36	123	25	155	27
12	163	26	148	32	157	32	146	25	178	25
13	169	35	155	34	165	36	155	34	183	31
14	187	38	178	38	183	32	174	36	202	30
15	196	27	191	31	199	30	185	27	216	25
16	210	28	202	32	209	31	197	33	222	27
17	228	27	218	26	223	28	214	28	240	25
18	228	31	218	31	225	29	219	27	246	27
19	232	27	222	24	234	24	232	22	256	21
20	235	24	229	23	233	30	231	23	254	21
21	245	26	235	28	243	24	239	24	262	24
22	249	19	238	23	248	20	243	24	266	20
23	232	33	228	29	242	27	226	33	254	27
24	229	28	223	27	233	24	226	25	251	20
25	218	28	210	30	220	25	211	26	239	23
26	202	27	201	28	219	34	199	30	229	27
27	212	33	202	32	219	30	198	30	231	31
28	186	28	190	28	197	28	183	26	213	24
29	174	31	180	36	193	35	169	30	198	30
30	149	37	150	37	162	35	146	34	179	30
31	134	31	133	34	147	33	122	33	156	32
32	120	38	122	42	133	41	114	39	138	37
33	102	32	100	37	116	39	94	34	123	33
34	86	30	86	34	93	38	78	33	107	37
35	62	29	65	29	75	26	61	32	86	35
36	49	29	51	33	61	35	50	33	74	37
37	38	26	36	26	50	27	36	25	52	30
38	35	36	37	31	53	42	32	32	51	33
39	16	21	17	24	21	23	15	18	25	21
40	10	14	13	19	18	21	11	15	17	17
41	7	10	9	13	14	15	7	11	16	19
42	3	7	5	9	16	21	4	7	7	10
43	3	7	6	11	13	21	4	8	7	11
44	1	4	6	9	13	17	3	6	6	10
45	5	10	8	14	16	20	6	11	9	13
46	5	13	6	9	13	21	4	9	8	4
47	4	10	5	9	16	21	3	6	9	12
48	5	8	6	13	14	20	3	7	8	12
49	1	1	2	3	6	8	1	2	4	6
50	2	5	4	7	11	15	1	3	5	7
51	3	7	7	11	17	19	4	8	12	18
52	7	14	7	13	16	21	6	11	15	19
TOTAL	5377		5220		5752		5077		6117	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	PENNSYLVANIA									
	Selinsgrove		Somerset		State College		Towanda		Uniontown	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	7	11	9	13	6	12	5	8	22	25
2	12	14	9	13	10	14	9	12	25	25
3	26	32	25	31	25	31	19	25	47	43
4	34	30	28	27	34	32	27	29	58	42
5	39	28	31	25	36	28	28	26	61	36
6	53	32	41	26	49	33	42	30	78	39
7	62	38	49	36	57	41	49	38	82	48
8	82	29	66	34	78	35	68	34	104	37
9	103	33	80	38	104	37	91	37	124	37
10	130	35	100	29	121	42	112	36	140	36
11	131	30	104	33	126	30	113	29	143	30
12	155	26	131	29	150	27	138	29	168	31
13	161	31	130	35	156	34	144	37	173	33
14	180	36	148	33	175	36	164	37	192	34
15	189	26	163	31	184	28	173	27	206	28
16	201	27	172	30	194	29	187	31	213	28
17	216	28	186	28	212	28	202	28	227	26
18	220	26	187	27	214	28	206	28	230	26
19	231	23	190	22	222	22	216	25	233	21
20	232	24	197	24	224	24	217	23	238	23
21	239	24	202	25	230	25	224	22	243	27
22	242	21	207	22	236	22	226	22	247	19
23	230	33	194	24	222	31	213	31	236	26
24	228	23	190	25	220	25	213	29	234	23
25	218	27	180	27	206	26	201	28	219	28
26	202	29	171	33	196	32	191	31	212	30
27	207	33	172	33	196	34	194	33	215	30
28	190	29	155	28	178	29	174	32	202	27
29	176	30	147	32	166	31	162	30	193	31
30	153	36	117	36	139	36	133	32	164	38
31	131	31	101	35	120	34	114	33	148	33
32	118	38	95	41	111	38	106	37	135	42
33	101	32	76	31	96	33	89	34	120	35
34	86	33	61	27	81	35	72	33	99	38
35	62	31	47	26	60	31	54	31	83	31
36	51	31	36	24	46	30	44	29	65	36
37	33	22	25	22	32	24	30	23	52	30
38	34	33	28	30	35	32	33	33	54	42
39	15	21	11	17	13	18	14	17	25	26
40	10	13	9	13	10	14	8	14	21	22
41	7	10	6	10	6	12	6	11	18	20
42	3	6	5	8	3	7	2	3	14	21
43	3	6	4	8	4	7	3	6	13	19
44	2	7	4	7	3	5	3	6	15	17
45	4	7	7	12	6	12	6	10	19	24
46	5	13	6	11	5	10	4	9	15	20
47	3	7	6	11	3	7	2	6	18	20
48	3	7	7	12	5	11	3	7	17	22
49	1	3	1	3	1	2	1	2	8	10
50	2	5	3	8	2	4	1	3	14	15
51	4	8	6	12	6	11	4	8	20	22
52	7	14	5	7	7	13	5	9	20	22
TOTAL	5234		4330		5021		4745		5922	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	PENNSYLVANIA						RHODE ISLAND		VERMONT	
	Warren		Wellsboro		York		Kingston		Burlington	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	5	9	2	6	14	16	3	5	1	4
2	8	13	4	7	21	21	8	9	3	7
3	16	20	14	22	41	39	11	17	5	10
4	24	24	18	21	52	38	20	18	11	18
5	24	18	20	22	56	33	25	20	12	17
6	40	31	31	26	70	34	30	20	23	22
7	43	39	40	35	81	38	39	27	28	28
8	61	34	52	32	99	31	54	26	45	27
9	88	38	74	34	121	33	61	25	64	33
10	106	37	96	38	146	34	95	28	89	38
11	112	31	97	30	150	31	97	17	92	25
12	130	31	125	31	172	27	116	20	113	25
13	138	36	130	37	177	35	131	25	136	31
14	165	35	149	40	195	30	146	28	149	31
15	173	30	156	30	209	27	158	23	163	25
16	185	31	174	30	216	29	168	29	179	37
17	201	30	184	24	234	26	188	25	191	30
18	205	33	195	30	234	26	196	24	200	33
19	211	25	201	28	246	20	207	22	210	26
20	214	23	202	24	249	24	205	24	209	25
21	219	26	212	24	255	23	213	21	212	19
22	220	22	213	23	259	21	219	22	214	20
23	210	26	200	35	246	27	208	27	200	28
24	208	27	199	24	244	23	209	23	204	29
25	200	30	185	31	231	26	199	29	193	32
26	188	33	174	34	218	30	189	29	183	33
27	188	32	178	36	223	32	188	26	176	32
28	172	30	158	34	205	29	168	26	151	37
29	163	32	146	32	193	32	160	26	142	31
30	135	35	119	33	167	37	138	28	116	33
31	117	32	95	35	146	34	116	31	91	32
32	109	40	90	40	133	41	108	30	89	32
33	92	32	77	35	115	34	91	33	74	38
34	73	36	59	34	98	37	78	33	55	30
35	55	30	40	28	78	32	62	29	37	29
36	42	29	33	26	65	37	51	24	30	24
37	26	21	20	19	45	29	35	24	19	18
38	30	30	25	30	47	34	33	25	19	20
39	14	21	9	14	22	24	18	19	9	15
40	8	14	4	9	14	17	12	13	4	8
41	6	10	3	8	11	15	9	11	4	8
42	2	5	1	2	6	11	4	5	0	1
43	4	7	2	4	5	8	4	6	1	3
44	4	7	1	3	5	9	5	7	1	3
45	4	8	3	6	11	18	6	10	2	5
46	4	8	2	6	10	14	4	8	1	5
47	4	9	2	5	7	10	3	5	0	1
48	4	10	3	8	11	17	3	5	1	2
49	1	2	0	1	3	6	1	3	0	0
50	2	6	1	2	4	7	2	3	0	1
51	4	6	2	5	12	19	3	6	1	2
52	5	13	2	6	15	19	5	8	1	2
TOTAL	4662		4222		5887		4502		4153	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	VERMONT								WEST VIRGINIA	
	Cornwall		Newport		Northfield		St. Johnsbury		Bayard	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	1	3	0	1	0	1	1	3	11	15
2	5	9	1	4	2	6	2	4	10	14
3	7	14	3	8	4	8	4	9	22	27
4	15	23	7	13	10	16	10	15	33	29
5	16	22	7	14	10	20	10	16	37	27
6	29	26	12	18	16	19	21	19	44	31
7	37	34	20	23	22	25	26	27	50	40
8	59	32	33	23	38	30	46	31	64	30
9	76	34	53	32	54	30	61	33	77	36
10	105	37	78	35	76	38	90	39	99	35
11	103	27	79	26	76	27	92	25	100	32
12	123	28	100	28	100	30	115	29	121	28
13	143	31	126	33	120	31	136	31	127	32
14	158	32	140	32	132	29	150	32	140	29
15	172	29	153	29	146	27	165	30	160	27
16	182	35	165	35	158	37	176	35	166	30
17	196	31	174	27	172	34	187	28	179	28
18	206	32	186	29	178	31	197	29	181	28
19	217	24	194	27	190	26	206	27	184	23
20	215	22	191	23	187	25	204	23	188	26
21	222	20	196	20	194	23	208	21	192	29
22	221	23	196	19	194	21	208	19	198	21
23	208	31	184	30	177	30	193	29	187	25
24	212	29	188	28	183	29	200	28	183	22
25	201	33	179	31	171	33	188	33	172	27
26	190	30	166	34	162	34	178	31	164	33
27	187	33	160	29	156	33	170	32	163	31
28	163	34	135	36	135	38	147	34	152	26
29	153	31	127	34	124	33	137	31	139	33
30	128	33	103	37	100	33	115	33	113	40
31	99	31	76	29	76	34	89	31	97	34
32	100	31	77	30	77	33	87	31	86	34
33	86	39	64	40	62	37	70	37	74	31
34	67	33	42	26	48	28	54	30	57	29
35	41	30	29	27	31	26	34	25	45	23
36	35	26	19	18	23	19	25	21	36	27
37	22	20	13	16	14	15	14	15	25	21
38	24	26	10	15	15	17	14	17	28	28
39	9	16	6	12	7	14	7	14	11	17
40	4	9	2	6	3	7	3	9	9	12
41	4	7	2	6	3	7	2	7	6	10
42	0	1	0	0	0	1	0	0	8	16
43	1	3	0	2	1	3	0	2	4	11
44	1	4	0	1	1	3	0	1	6	9
45	2	5	1	4	3	6	1	4	10	16
46	1	5	1	5	1	6	1	3	7	13
47	0	1	0	0	0	1	0	1	9	14
48	0	2	0	1	0	2	0	1	8	12
49	0	0	0	0	0	0	0	0	1	3
50	0	0	0	0	0	1	0	0	5	12
51	0	1	0	1	1	2	0	0	7	12
52	1	2	0	0	1	2	1	2	7	12
TOTAL	4447		3698		3654		4045		4202	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	WEST VIRGINIA									
	Charleston		Clarksburg		Elkins		Fairmount		Flat Top	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	34	30	17	18	19	19	21	24	15	18
2	35	25	18	18	21	20	23	24	13	14
3	59	45	36	35	39	36	44	43	31	30
4	75	42	50	35	44	35	58	40	35	33
5	82	41	50	31	50	34	60	35	44	36
6	102	36	68	32	61	33	78	39	49	25
7	106	49	73	44	68	45	86	50	61	42
8	130	38	96	37	86	34	112	35	81	34
9	144	40	109	39	101	39	126	39	93	38
10	162	36	133	32	119	34	147	37	106	39
11	168	31	138	33	123	32	149	32	109	30
12	188	32	161	32	145	31	173	31	132	30
13	194	33	167	34	148	34	178	34	140	29
14	204	43	183	33	165	33	197	34	152	32
15	224	30	203	31	181	30	211	30	168	28
16	228	39	212	30	190	28	220	29	174	25
17	249	28	223	28	200	26	234	27	186	29
18	245	34	226	28	203	26	235	28	186	24
19	250	28	229	23	208	20	239	24	185	19
20	253	43	236	24	213	23	246	25	199	20
21	264	27	238	27	218	26	249	29	196	23
22	265	22	244	20	222	21	252	20	203	19
23	259	27	234	27	213	24	244	28	194	21
24	256	25	231	24	210	23	241	24	191	22
25	246	23	218	27	199	25	226	27	185	22
26	236	34	210	30	190	30	220	28	176	27
27	237	34	209	33	191	27	219	30	173	29
28	228	27	196	27	178	26	206	28	162	27
29	217	36	185	35	167	32	198	34	154	31
30	188	39	157	39	139	37	168	43	129	36
31	174	34	137	36	126	34	149	33	116	32
32	154	40	123	39	110	39	135	41	99	37
33	139	38	104	37	92	35	118	39	82	29
34	121	41	86	38	78	34	97	39	81	35
35	99	32	66	29	63	28	80	31	59	26
36	78	40	51	33	49	33	61	37	43	31
37	58	37	36	27	37	27	46	30	29	26
38	62	41	38	33	40	32	49	37	31	31
39	32	30	19	24	20	20	21	26	11	13
40	25	24	13	16	17	18	18	19	12	16
41	22	19	12	14	14	15	13	18	10	15
42	22	29	14	22	16	22	14	22	8	16
43	16	18	7	12	10	15	9	14	7	10
44	22	22	13	17	13	17	14	18	10	14
45	23	23	13	17	18	20	16	20	12	17
46	23	24	13	16	15	19	13	18	9	16
47	25	23	15	18	18	19	15	18	12	16
48	24	26	13	17	16	19	14	19	12	19
49	15	13	5	7	7	8	5	8	3	6
50	21	20	8	11	10	12	11	11	8	11
51	28	23	15	19	16	18	18	20	11	14
52	29	29	14	17	16	17	17	21	10	12
TOTAL	6740		5565		5115		5993		4597	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	WEST VIRGINIA									
	Gary		Glenville		Huntington		Mannington		Martinsburg	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	27	25	26	25	40	32	19	22	16	17
2	30	21	32	28	40	28	21	21	18	19
3	48	40	52	43	71	48	42	38	41	36
4	63	38	66	39	82	46	51	36	55	36
5	66	38	68	28	89	40	55	31	58	30
6	89	34	94	37	106	43	71	33	71	37
7	92	44	94	49	114	49	75	43	79	38
8	109	35	121	37	137	35	97	33	104	32
9	123	35	137	36	152	36	112	38	123	35
10	145	33	156	32	168	35	131	31	145	37
11	150	33	156	30	173	30	136	30	154	30
12	171	27	182	29	196	29	157	30	174	32
13	176	32	187	35	203	30	162	32	183	33
14	188	29	207	29	220	32	179	31	200	34
15	206	28	218	31	233	30	195	28	215	30
16	216	24	227	27	241	28	204	28	220	32
17	227	24	240	24	257	26	215	26	241	29
18	230	23	243	30	258	25	218	27	247	24
19	231	20	245	21	259	26	221	20	251	24
20	237	23	252	21	266	26	225	23	255	27
21	241	21	255	27	269	26	229	24	263	32
22	245	16	259	19	275	20	234	19	267	23
23	240	20	251	26	263	27	226	23	258	28
24	236	21	250	24	261	25	223	23	250	25
25	229	21	238	25	250	27	209	25	236	28
26	215	28	229	24	240	31	201	32	224	31
27	216	28	230	27	244	30	200	30	225	33
28	206	26	213	26	230	28	186	25	205	28
29	195	30	206	33	219	35	175	32	193	31
30	169	36	173	38	199	35	148	36	168	39
31	152	37	157	36	177	27	131	33	146	33
32	138	38	144	41	160	41	120	39	132	41
33	116	35	128	33	142	32	103	35	119	33
34	101	41	107	40	124	42	85	34	100	37
35	80	31	87	31	105	30	70	27	79	30
36	63	39	65	39	82	44	51	32	64	35
37	48	31	51	33	66	35	40	27	47	27
38	49	34	55	41	68	42	39	33	47	34
39	26	23	27	28	31	24	19	23	21	22
40	20	20	22	22	27	24	13	18	17	18
41	17	17	19	18	27	24	12	14	12	15
42	20	29	19	29	22	29	13	22	9	12
43	13	17	15	19	21	24	9	15	8	15
44	19	20	21	24	28	29	13	17	7	10
45	19	20	20	22	28	28	16	20	10	16
46	20	25	17	23	23	26	13	18	11	17
47	25	23	25	25	29	27	16	18	10	15
48	22	25	19	22	28	29	13	18	12	16
49	12	13	10	14	17	14	5	9	4	6
50	17	18	18	17	26	23	11	14	5	8
51	25	23	27	26	33	26	18	19	11	17
52	23	22	26	26	34	32	16	18	15	19
TOTAL	6041		6386		7053		5443		6025	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	WEST VIRGINIA									
	Parkersburg		Piedmont		Pt. Pleasant		Spencer		Wheeling	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	26	26	15	20	33	29	28	28	11	16
2	31	26	17	17	35	26	31	25	15	18
3	53	45	37	37	62	47	51	42	32	33
4	64	42	48	36	73	41	63	39	44	39
5	70	35	52	32	80	38	67	38	47	31
6	86	37	68	33	99	34	85	37	60	36
7	92	50	75	42	101	47	91	48	71	48
8	117	37	98	36	126	35	113	38	90	37
9	135	38	113	37	140	40	126	40	109	41
10	151	38	134	34	158	37	144	35	129	37
11	156	29	137	34	162	27	149	30	131	34
12	180	31	160	30	186	32	171	30	159	35
13	186	33	168	33	191	32	176	35	167	34
14	206	33	181	34	210	31	190	35	188	37
15	218	30	199	28	220	33	205	33	200	38
16	228	29	200	28	233	28	216	33	213	30
17	243	27	217	27	245	26	228	28	223	32
18	245	26	223	27	248	28	230	29	228	28
19	248	21	229	19	253	23	234	22	237	26
20	254	24	231	26	258	23	242	25	236	28
21	258	28	240	24	261	30	246	27	245	30
22	262	20	245	21	268	18	249	24	248	26
23	251	26	234	26	261	27	241	26	239	28
24	248	23	230	21	257	24	239	23	238	30
25	235	25	219	27	241	28	225	29	224	30
26	229	30	205	29	236	29	217	30	215	34
27	229	30	210	33	235	32	217	33	216	34
28	215	28	194	26	222	30	206	27	202	27
29	205	36	185	33	213	39	196	36	191	32
30	176	37	158	37	184	40	165	41	163	37
31	158	35	135	33	164	32	151	37	140	35
32	145	42	123	39	153	40	137	41	131	40
33	127	36	105	34	135	36	118	36	112	38
34	108	38	90	35	114	41	102	41	91	37
35	90	34	72	30	95	34	83	32	70	29
36	67	37	53	31	72	38	67	40	53	34
37	54	31	37	26	59	34	53	32	35	25
38	56	39	42	33	60	40	56	39	40	31
39	24	25	20	21	26	23	27	27	16	21
40	22	20	13	16	22	20	22	22	14	19
41	20	22	10	14	20	20	21	19	9	15
42	16	22	7	13	17	24	18	27	8	16
43	14	19	6	12	15	20	14	19	5	10
44	19	22	4	6	21	23	20	22	10	15
45	21	24	8	13	21	24	21	23	10	16
46	17	21	9	16	19	24	19	22	8	12
47	19	21	8	13	22	23	22	22	8	13
48	18	22	9	13	22	26	22	24	9	15
49	9	11	3	6	11	13	12	12	2	5
50	16	16	5	9	20	20	16	17	5	7
51	24	23	11	19	27	26	25	25	11	16
52	23	23	11	15	25	25	24	24	11	18
TOTAL	6364		5503		6631		6091		5569	

TABLE 3. GROWING DEGREE DAYS, BASE 40°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONCLUDED)

CLIM. WEEK NO.	WEST VIRGINIA									
	White Sulphur Springs		Williamson		Mean	S	Mean	S	Mean	S
	Mean	S	Mean	S						
1	20	26	34	27						
2	22	19	41	26						
3	40	35	62	47						
4	50	38	79	43						
5	63	37	85	40						
6	71	32	105	33						
7	81	43	111	50						
8	100	32	132	36						
9	117	35	145	34						
10	138	34	167	35						
11	142	29	172	34						
12	166	29	196	29						
13	167	32	201	33						
14	180	29	217	30						
15	200	30	232	32						
16	207	30	240	25						
17	217	27	256	25						
18	221	28	259	24						
19	223	20	257	21						
20	229	23	268	21						
21	233	27	268	25						
22	234	21	273	21						
23	228	23	263	33						
24	222	23	257	26						
25	215	21	248	32						
26	202	26	239	34						
27	204	28	241	32						
28	188	24	230	29						
29	176	31	218	31						
30	149	37	190	35						
31	136	41	175	35						
32	122	36	160	41						
33	99	30	137	37						
34	87	37	121	43						
35	69	32	98	34						
36	51	36	79	42						
37	36	27	61	33						
38	34	28	61	39						
39	15	19	32	25						
40	10	12	24	21						
41	11	16	21	19						
42	10	17	23	32						
43	5	7	17	21						
44	10	13	25	23						
45	12	19	24	22						
46	12	18	24	29						
47	13	15	27	24						
48	14	24	25	27						
49	6	9	14	12						
50	8	11	23	21						
51	15	18	28	25						
52	16	18	31	28						
TOTAL	5496		6916							

TABLE 4. GROWING DEGREE DAYS, BASE 50°,
MARCH 1, 1926 - FEBRUARY 29, 1956

CLIM. WEEK NO.	CONNECTICUT									
	Cream Hill		Hartford		Norwalk		Storrs (1890-1919)		Storrs (1926-1955)	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	0	0	0	0	0	0	0	0	0	0
2	0	2	1	3	0	2	0	1	0	2
3	2	7	2	7	2	6	0	2	1	5
4	4	9	5	9	4	7	3	6	3	7
5	4	11	5	11	5	12	4	10	3	9
6	7	13	8	14	7	11	5	10	5	11
7	10	16	13	18	14	19	8	16	9	16
8	17	18	24	20	19	17	18	16	14	16
9	24	19	29	21	26	19	24	19	19	19
10	40	32	53	33	50	31	35	25	37	31
11	38	21	54	21	52	20	47	24	37	21
12	54	24	71	21	69	20	54	34	51	21
13	67	29	87	31	82	29	65	34	67	29
14	84	32	104	31	100	31	87	33	83	31
15	95	27	114	27	112	23	87	25	93	28
16	102	31	124	31	124	30	103	27	101	31
17	120	29	142	28	141	26	118	29	120	27
18	127	27	150	26	145	24	126	30	126	26
19	142	23	162	22	159	22	132	30	138	22
20	138	22	163	22	157	23	143	21	140	23
21	144	20	166	19	165	21	137	27	143	22
22	147	19	171	19	169	18	138	25	146	22
23	135	29	156	28	154	28	133	22	133	30
24	137	24	157	24	156	21	133	25	135	24
25	123	30	142	29	141	29	120	21	122	30
26	114	31	135	30	132	28	116	26	113	29
27	113	33	133	28	134	28	101	26	112	29
28	93	28	111	29	111	28	95	30	89	28
29	79	29	96	27	99	26	81	26	80	28
30	62	26	79	28	77	25	67	30	61	29
31	44	27	56	28	59	28	43	25	45	25
32	42	25	54	25	53	27	40	29	42	22
33	33	30	40	29	37	26	29	23	31	25
34	22	21	29	23	27	21	19	17	21	19
35	12	16	19	20	18	21	14	19	12	17
36	8	12	13	15	13	16	5	6	9	12
37	3	5	7	8	7	8	2	5	4	7
38	5	8	6	10	6	8	2	5	5	7
39	1	6	3	8	2	6	1	3	1	5
40	0	2	1	4	1	4	0	2	0	3
41	0	0	0	1	0	1	0	1	0	1
42	0	0	0	0	0	0	0	1	0	0
43	0	0	0	0	0	0	0	0	0	0
44	0	0	0	1	0	0	0	0	0	0
45	0	0	0	1	0	0	0	0	0	0
46	0	2	0	3	0	0	0	0	0	1
47	0	0	0	0	0	0	0	1	0	0
48	0	0	0	0	0	0	0	2	0	0
49	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0
51	0	1	0	2	0	1	0	0	0	1
52	0	1	0	1	0	0	0	0	0	2
TOTAL	2392		2885		2829		2335		2351	

TABLE 4. GROWING DEGREE DAYS, BASE 50°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	CONNECTICUT		DELAWARE						MAINE	
	Waterbury		Bridgeville		Dover		Milford		Eastport	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	0	1	5	8	4	8	5	9	0	0
2	1	3	7	9	7	10	8	10	0	0
3	3	8	18	24	18	25	19	24	0	0
4	7	11	22	23	22	23	22	22	0	0
5	10	15	22	21	23	23	24	21	0	1
6	12	16	26	24	26	26	27	25	0	0
7	17	21	33	24	35	27	35	26	0	1
8	31	26	47	25	49	25	49	25	1	2
9	35	27	56	26	58	27	58	27	1	3
10	61	34	83	30	87	32	87	30	4	6
11	62	23	86	28	91	26	89	26	5	5
12	80	22	106	26	112	25	111	26	9	8
13	94	28	112	31	117	32	116	32	17	13
14	111	33	129	28	136	29	135	30	28	17
15	123	26	145	23	151	25	150	25	32	15
16	132	30	153	30	159	31	158	31	42	19
17	151	33	172	25	177	25	176	26	54	19
18	157	27	175	25	180	24	179	26	66	19
19	171	24	182	19	188	18	188	19	74	18
20	167	26	182	23	189	24	187	25	77	15
21	175	22	192	27	198	26	196	27	84	15
22	177	21	196	22	201	22	201	23	84	9
23	163	29	182	26	190	25	187	24	85	16
24	163	24	181	21	188	18	186	20	84	19
25	150	27	168	23	174	24	172	24	82	20
26	142	32	157	25	162	26	161	27	75	17
27	141	29	163	30	169	29	166	30	68	18
28	116	31	145	27	151	24	148	25	59	17
29	104	25	135	28	140	26	138	27	48	18
30	86	29	110	33	117	32	115	33	35	16
31	63	31	91	33	97	34	96	33	21	13
32	60	26	80	36	84	36	83	35	22	13
33	44	31	65	30	69	30	68	29	16	17
34	35	27	52	30	55	30	54	30	8	9
35	23	22	36	24	38	25	37	24	4	6
36	16	16	33	27	34	26	34	26	3	5
37	9	11	21	19	21	20	22	19	1	2
38	8	12	22	23	21	21	23	23	1	3
39	4	8	8	12	9	12	9	13	1	3
40	2	8	5	8	5	8	6	9	0	1
41	1	4	4	8	4	9	4	8	0	0
42	0	0	3	6	2	5	3	6	0	0
43	0	0	2	5	1	3	2	5	0	0
44	0	0	2	3	2	4	3	4	0	0
45	0	2	5	10	4	10	5	10	0	0
46	0	2	4	8	4	8	4	9	0	0
47	0	0	4	6	3	4	4	7	0	0
48	0	1	3	8	3	8	4	9	0	0
49	0	0	1	1	0	1	0	1	0	0
50	0	0	2	4	1	3	2	5	0	0
51	0	3	5	10	4	8	5	10	0	0
52	0	2	4	9	4	8	4	8	0	0
TOTAL	3107		3842		3984		3965		1191	

TABLE 4. GROWING DEGREE DAYS, BASE 50°
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	MAINE									
	Farmington		Lewiston		Portland		Presque Isle		Rumford	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	1	1	0	0	0	0
5	1	2	1	3	1	5	0	0	1	3
6	1	4	2	4	2	4	1	3	2	5
7	4	10	4	8	4	8	2	8	5	11
8	8	12	7	10	8	9	3	7	8	13
9	16	17	13	15	11	13	5	8	14	15
10	28	25	23	21	20	17	16	18	26	26
11	27	14	24	13	20	13	15	13	24	16
12	43	23	38	20	33	19	26	21	38	25
13	64	29	60	29	52	28	45	29	57	31
14	78	28	78	27	69	27	50	29	74	32
15	88	29	86	29	73	27	65	32	87	29
16	99	31	99	29	87	28	79	36	95	36
17	111	27	112	26	104	25	88	28	114	33
18	123	25	128	26	117	23	102	29	124	33
19	132	26	138	25	127	24	112	25	131	27
20	135	21	140	23	130	22	116	25	136	28
21	140	19	144	16	132	17	116	20	138	23
22	134	20	144	19	135	20	113	19	134	24
23	123	27	135	26	127	25	104	23	124	32
24	128	25	137	29	129	26	107	29	126	29
25	119	31	128	30	119	30	100	32	116	32
26	109	33	118	29	111	30	86	31	106	33
27	96	28	107	28	99	26	73	31	93	31
28	76	30	86	28	83	27	55	31	73	33
29	64	28	73	27	70	26	45	27	63	36
30	50	27	56	25	53	27	33	25	48	32
31	28	21	36	21	34	20	15	15	26	23
32	28	21	33	20	33	19	17	17	28	27
33	19	25	24	23	22	22	13	19	19	23
34	10	10	13	15	14	15	5	7	10	13
35	4	7	5	9	6	9	2	4	4	8
36	3	7	4	7	4	8	2	4	3	7
37	1	3	1	3	2	4	0	1	2	5
38	1	4	2	5	2	5	1	2	3	11
39	1	3	1	2	1	5	0	1	1	5
40	0	1	0	1	0	1	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	1	0	0	0	0
46	0	1	0	0	0	1	0	0	0	2
47	0	0	0	0	0	0	0	0	0	1
48	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	1	3
51	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0
TOTAL	2092		2200		2035		1612		2054	

TABLE 4. GROWING DEGREE DAYS, BASE 50°,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	MARYLAND									
	Chewsville Bridgeport		Crisfield		Easton		Elkton		Frederick Pol. Bks.	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	2	6	5	10	4	8	2	5	3	7
2	3	6	10	15	7	10	3	5	5	8
3	12	19	20	27	18	25	12	18	15	20
4	15	19	27	24	22	22	16	20	19	22
5	14	18	32	28	25	24	18	20	19	19
6	22	22	34	19	30	25	23	24	27	24
7	24	23	49	30	37	28	28	27	33	27
8	37	26	67	27	49	26	40	25	47	27
9	49	28	77	26	61	26	54	25	62	28
10	68	30	103	24	88	31	81	33	86	36
11	72	31	109	25	91	27	81	27	90	28
12	93	26	126	28	113	27	106	26	111	26
13	98	33	135	31	119	33	112	31	117	30
14	118	29	151	26	136	29	131	27	136	31
15	130	25	165	26	151	27	144	24	149	28
16	139	27	176	29	161	28	153	25	157	26
17	156	28	194	24	178	25	171	24	175	26
18	160	25	195	25	181	24	173	24	178	25
19	168	20	200	17	188	19	182	19	186	22
20	170	25	201	26	189	25	184	22	188	24
21	177	28	212	26	199	26	192	25	197	30
22	182	23	215	22	202	24	196	23	201	21
23	169	28	205	20	191	26	182	27	187	30
24	165	23	202	19	188	21	180	21	183	23
25	151	24	191	22	176	25	168	25	168	25
26	142	31	181	25	164	26	156	30	157	32
27	144	33	188	26	170	30	163	30	160	33
28	126	27	171	24	150	25	142	25	143	29
29	115	29	163	25	141	28	129	29	129	32
30	89	35	141	27	117	33	105	31	107	37
31	72	33	119	29	96	35	85	33	86	32
32	62	34	109	33	82	37	72	36	76	36
33	48	29	91	28	67	31	57	30	59	31
34	35	23	79	31	54	29	44	27	45	26
35	22	19	58	27	37	25	28	22	28	20
36	19	19	49	31	34	26	26	24	23	22
37	12	13	31	27	22	18	13	13	14	14
38	13	17	30	22	22	22	13	18	16	20
39	4	9	12	14	9	14	6	10	6	11
40	2	5	7	10	5	8	3	7	3	6
41	2	6	5	8	3	8	2	5	2	7
42	1	2	4	6	2	5	1	2	2	5
43	0	0	2	4	1	3	0	1	0	1
44	0	0	2	4	2	3	1	2	0	1
45	2	7	3	6	4	10	2	6	2	6
46	2	6	3	6	4	9	1	6	2	6
47	1	1	3	4	3	5	0	1	1	2
48	1	4	3	6	3	8	1	3	2	4
49	0	1	1	2	0	1	0	1	0	1
50	0	1	1	4	1	3	0	1	1	2
51	3	7	4	7	4	8	2	5	3	7
52	2	5	3	4	4	7	2	5	3	8
TOTAL	3313		4564		4005		3686		3809	

TABLE 4. GROWING DEGREE DAYS, BASE 50°,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	MARYLAND									
	Frostburg		Keedysville		Oakland		Owings Ferry Landing		Princess Anne	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	2	5	3	7	2	4	6	12	6	10
2	2	4	4	7	1	4	8	11	9	11
3	9	15	15	23	6	11	21	29	20	28
4	12	17	19	22	10	14	26	25	26	25
5	12	16	19	20	8	13	26	24	25	24
6	20	22	27	24	13	15	32	27	30	24
7	23	26	31	26	15	18	41	29	40	29
8	34	23	46	26	24	20	54	28	51	27
9	47	29	60	30	31	25	67	28	60	24
10	63	35	82	32	42	23	91	33	84	26
11	63	27	85	30	45	24	93	27	89	27
12	83	29	109	27	62	27	114	27	112	30
13	87	32	114	31	68	31	118	31	116	32
14	103	33	131	32	81	30	136	30	131	28
15	118	29	145	25	97	29	151	27	146	29
16	124	27	151	28	105	27	158	28	157	30
17	139	26	169	26	117	26	177	25	174	24
18	142	28	173	24	118	26	179	23	176	26
19	145	20	181	21	122	21	185	18	183	17
20	152	25	183	25	127	24	187	24	183	25
21	158	30	191	29	133	27	195	26	194	24
22	163	21	195	20	139	18	199	22	197	21
23	151	28	184	27	130	25	187	25	186	22
24	147	22	180	24	126	21	184	22	183	23
25	134	26	166	24	114	26	171	25	172	24
26	126	29	155	31	104	31	161	28	160	28
27	128	33	159	32	105	29	167	33	167	27
28	115	29	140	29	94	27	147	26	146	27
29	100	33	128	32	84	32	140	27	138	29
30	78	37	102	38	58	31	115	34	114	33
31	64	29	84	33	47	27	94	36	94	34
32	55	31	73	37	38	27	84	38	82	36
33	42	28	59	30	26	23	68	28	66	31
34	32	22	45	29	18	16	58	31	53	32
35	19	17	29	22	11	11	41	24	37	24
36	14	15	24	21	10	12	35	27	34	28
37	10	13	15	15	6	8	23	22	22	20
38	11	15	15	20	7	11	24	22	22	22
39	3	7	6	12	2	5	10	14	10	12
40	2	4	3	6	2	5	6	8	6	8
41	1	4	2	6	1	2	4	9	4	8
42	1	3	1	4	1	4	3	6	4	6
43	0	1	0	1	1	2	2	4	2	4
44	0	0	0	1	0	0	3	5	4	6
45	2	5	3	9	2	4	5	11	6	12
46	2	5	3	7	1	4	5	10	4	7
47	1	2	1	2	1	2	4	7	6	8
48	2	5	2	5	1	3	5	11	4	9
49	0	0	0	1	0	0	1	2	2	3
50	1	4	1	3	1	3	2	5	2	4
51	2	5	3	8	1	4	6	11	6	10
52	2	7	3	6	1	3	5	9	5	8
TOTAL	2946		3719		2359		4024		3950	

TABLE 4. GROWING DEGREE DAYS, BASE 50°,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	MARYLAND						MASSACHUSETTS			
	Salisbury		Westminster		Woodstock		Adams		Amherst	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	7	11	3	6	3	6	0	0	0	0
2	10	12	4	7	4	7	0	0	1	2
3	23	29	14	21	14	19	0	1	1	3
4	29	25	17	21	18	22	2	5	4	9
5	28	24	17	20	18	21	2	7	4	11
6	32	24	24	23	24	25	3	6	7	13
7	42	29	28	26	29	24	8	5	11	17
8	57	26	42	26	42	25	14	17	18	19
9	66	24	53	29	55	28	13	16	26	21
10	93	29	77	35	80	33	38	31	46	32
11	95	27	79	30	82	30	35	22	45	24
12	120	25	100	27	104	27	50	24	61	23
13	123	30	104	33	106	32	68	26	79	31
14	139	27	123	32	125	30	83	31	94	31
15	155	26	136	28	140	27	93	28	106	28
16	164	29	143	29	146	26	104	30	114	34
17	179	24	161	27	162	24	119	29	133	30
18	184	25	164	24	166	24	126	24	141	28
19	188	17	174	20	174	21	139	27	152	22
20	190	23	177	24	175	23	137	22	151	24
21	201	26	183	27	183	25	144	22	155	19
22	203	21	188	22	188	22	144	23	158	22
23	194	24	176	30	176	27	128	31	144	29
24	190	21	173	24	174	23	132	30	146	27
25	178	23	157	26	160	24	122	28	132	30
26	167	26	147	31	149	29	108	33	124	32
27	174	29	153	34	153	33	104	29	120	31
28	155	26	135	29	134	29	80	34	96	31
29	145	29	122	30	122	32	70	34	86	30
30	123	33	99	34	97	35	55	28	67	27
31	100	36	79	31	78	32	33	21	48	27
32	90	35	69	35	68	37	34	21	46	24
33	74	31	55	30	50	28	23	25	33	29
34	61	32	42	27	38	25	15	17	24	22
35	43	24	27	22	24	19	7	12	14	17
36	39	28	24	22	23	23	6	11	9	14
37	26	22	14	14	12	12	2	3	5	7
38	27	25	15	17	14	20	2	4	5	9
39	12	14	5	9	6	12	2	5	2	5
40	8	10	3	6	3	6	1	3	1	5
41	5	10	2	6	2	6	0	0	1	2
42	5	8	2	4	2	4	0	0	0	0
43	3	6	0	1	0	1	0	0	0	0
44	4	6	0	1	0	1	0	0	0	1
45	7	13	3	7	3	7	0	1	0	1
46	6	10	2	5	3	6	0	1	0	1
47	6	9	1	2	1	3	0	0	0	0
48	5	9	2	7	2	6	0	0	0	0
49	2	3	0	1	0	2	0	0	0	0
50	2	5	0	1	0	1	0	0	0	0
51	6	11	3	7	3	7	0	0	0	0
52	7	10	3	9	3	6	0	0	0	0
TOTAL	4192		3524		3538		2246		2610	

TABLE 4. GROWING DEGREE DAYS, BASE 50°,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	MASSACHUSETTS									
	Blue Hill		East Wareham		Hyannis		Lawrence		Springfield	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	0	0	0	0	0	0	0	0	0	0
2	1	3	0	0	0	1	1	3	1	4
3	2	4	1	2	0	1	1	3	4	10
4	4	8	1	3	1	2	3	6	7	11
5	4	11	3	7	1	2	4	12	9	18
6	6	12	3	5	1	3	6	10	13	17
7	10	16	6	12	3	5	11	17	19	23
8	18	18	10	12	8	4	17	17	30	23
9	22	20	12	11	12	12	23	20	37	26
10	40	28	30	21	24	16	42	28	65	35
11	40	19	34	15	28	13	43	19	64	24
12	51	22	45	18	44	17	58	24	83	22
13	70	31	63	21	62	20	79	31	97	32
14	88	27	80	24	78	20	96	27	114	32
15	94	30	89	23	87	22	104	30	123	26
16	102	29	102	28	96	22	114	30	130	30
17	122	30	119	28	118	27	135	31	152	28
18	133	28	131	22	125	23	146	29	156	26
19	144	20	143	21	142	21	154	20	169	22
20	145	25	142	24	141	25	156	26	166	20
21	149	20	151	21	149	22	159	19	170	20
22	153	21	154	22	155	21	160	20	176	20
23	142	28	144	25	144	27	149	26	162	27
24	143	24	144	19	146	18	151	23	160	26
25	133	29	134	29	140	25	140	29	151	29
26	123	31	123	28	130	27	130	31	141	28
27	120	28	123	26	126	24	124	30	138	32
28	100	28	101	27	106	23	104	30	117	32
29	88	28	94	29	97	15	90	27	105	28
30	70	26	73	25	77	23	74	25	86	27
31	51	27	51	24	58	23	51	26	65	29
32	47	25	49	22	55	21	47	25	62	25
33	41	30	37	24	42	23	37	28	49	32
34	28	22	27	21	31	22	26	21	37	26
35	15	18	16	17	23	21	12	15	22	21
36	13	14	13	14	15	13	10	13	10	17
37	6	8	7	9	7	8	5	7	8	11
38	7	11	6	8	5	7	5	9	9	12
39	3	8	3	7	3	7	3	7	3	8
40	1	3	1	3	1	2	1	3	1	4
41	1	1	0	2	1	1	0	1	1	3
42	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0
44	0	1	0	0	0	0	0	1	0	2
45	0	1	0	0	0	1	0	2	0	1
46	0	2	0	0	0	1	0	0	0	1
47	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0
51	0	1	0	0	0	0	0	0	0	1
52	0	2	0	0	0	0	0	0	0	2
TOTAL	2530		2465		2482		2671		3112	

TABLE 4. GROWING DEGREE DAYS, BASE 50°,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	MASSACHUSETTS				NEW HAMPSHIRE					
	Weston		Worcester		Berlin		Durham		Hanover	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	0	0	0	0	0	0	0	0	0	0
2	1	3	0	2	0	1	0	1	0	0
3	3	7	1	3	0	0	0	1	0	0
4	5	9	4	9	0	1	2	4	1	3
5	7	16	4	11	1	5	2	6	2	6
6	8	12	7	12	2	5	5	9	3	8
7	14	20	10	17	3	8	9	15	6	11
8	20	20	17	18	7	11	13	17	11	16
9	28	23	22	20	11	12	19	18	19	19
10	50	33	42	30	22	23	34	28	31	27
11	49	20	40	22	21	16	32	15	30	19
12	64	24	55	23	32	20	48	24	45	21
13	82	29	71	32	54	32	68	30	64	27
14	99	29	88	30	63	26	82	29	77	27
15	106	29	97	29	72	31	93	29	89	28
16	116	31	105	32	82	36	101	31	101	34
17	133	27	124	29	95	29	121	29	115	30
18	142	28	133	26	106	29	132	27	124	30
19	153	22	144	21	116	28	141	24	135	24
20	153	27	142	24	113	26	141	27	133	23
21	159	21	148	20	121	21	145	20	138	20
22	164	19	150	22	118	20	145	24	138	21
23	146	31	138	30	103	30	133	27	124	30
24	152	25	140	26	108	29	138	25	129	28
25	141	28	127	30	98	35	126	31	117	31
26	129	30	118	31	88	32	118	31	108	31
27	127	29	115	31	80	32	111	30	102	31
28	106	33	93	29	58	30	90	29	80	33
29	95	32	82	29	49	29	78	27	69	29
30	74	26	66	26	39	22	62	23	50	28
31	53	26	47	27	23	19	44	27	32	24
32	51	26	44	24	23	17	39	21	31	20
33	41	31	33	28	16	20	27	25	20	24
34	31	23	23	19	10	13	10	19	12	14
35	17	20	11	16	2	7	9	12	6	9
36	14	15	10	12	3	6	8	12	4	8
37	8	11	4	6	1	3	3	5	2	3
38	6	9	5	9	2	5	5	9	2	6
39	4	10	2	7	1	4	2	6	1	4
40	2	4	1	3	0	2	1	3	0	3
41	1	3	0	1	0	0	0	1	0	1
42	0	0	0	0	0	0	0	0	0	0
43	0	1	0	0	0	0	0	0	0	0
44	0	1	0	1	0	0	0	0	0	0
45	1	2	0	1	0	0	0	2	0	0
46	1	3	0	2	0	1	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0
TOTAL	2756		2463		1743		2337		2151	

TABLE 4. GROWING DEGREE DAYS, BASE 50⁰,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	NEW HAMPSHIRE		NEW JERSEY							
	Keene		Belvidere		Boonton		Charlotteburg		Flemington	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	0	0	0	1	0	0	0	1	1	2
2	0	0	1	3	0	1	1	2	2	3
3	0	1	6	13	3	8	5	12	8	17
4	2	6	9	14	6	9	8	13	12	16
5	3	10	11	16	8	16	8	15	12	18
6	6	11	15	19	11	15	9	15	15	18
7	8	15	22	25	16	20	16	20	23	27
8	14	18	34	26	26	23	23	19	34	21
9	21	18	47	27	29	20	32	25	44	24
10	36	29	72	35	53	30	54	34	72	34
11	35	24	73	27	53	24	53	25	71	25
12	51	24	95	24	72	22	69	24	94	24
13	69	30	100	32	82	30	76	31	99	33
14	81	26	120	35	96	31	95	35	120	32
15	93	27	133	26	111	24	106	25	131	25
16	103	33	141	30	122	30	115	33	140	31
17	120	34	160	29	140	30	132	26	161	27
18	126	30	164	25	146	26	145	25	166	25
19	137	22	174	24	156	24	144	29	175	25
20	136	28	174	23	156	24	155	24	176	22
21	142	21	181	22	163	22	158	23	184	22
22	143	24	184	20	168	21	143	21	188	22
23	127	30	169	29	153	30	144	31	173	31
24	133	28	168	23	153	22	131	22	173	24
25	120	31	153	25	141	30	122	30	158	29
26	109	33	143	31	128	30	124	29	147	28
27	106	31	146	31	134	28	106	31	152	31
28	85	35	128	28	112	26	89	32	132	28
29	74	31	114	29	95	30	71	29	118	28
30	57	25	93	30	74	26	54	31	98	31
31	39	24	69	32	60	30	47	28	77	28
32	37	23	63	32	54	28	33	26	69	33
33	25	26	46	28	38	26	26	26	51	28
34	16	17	32	25	28	23	16	22	39	26
35	9	12	21	22	16	16	14	20	26	22
36	7	11	14	19	13	16	7	16	20	22
37	3	5	8	8	6	8	8	9	11	12
38	3	7	8	12	7	10	2	10	11	14
39	1	4	3	6	2	7	1	6	4	7
40	0	3	1	5	0	2	0	5	2	5
41	0	1	1	3	1	2	0	2	1	2
42	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	1
44	0	0	0	1	0	0	0	0	0	1
45	0	1	1	3	0	1	1	3	1	3
46	0	0	0	1	0	2	0	1	1	3
47	0	0	0	0	0	0	0	0	0	0
48	0	0	0	1	0	0	0	1	1	2
49	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0
51	0	0	0	2	0	2	1	3	1	4
52	0	0	1	2	0	1	0	2	1	4
TOTAL	2277		3298		2832		2544		3395	

TABLE 4. GROWING DEGREE DAYS, BASE 50°,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	NEW JERSEY									
	Indian Mills		Layton		Long Branch		Moorestown		New Brunswick	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	2	5	0	1	1	3	2	5	1	1
2	4	6	0	1	3	5	3	6	2	5
3	11	18	4	11	5	12	9	16	8	16
4	14	18	7	12	10	14	12	15	11	15
5	15	19	7	14	10	16	12	16	12	19
6	18	22	8	15	13	17	17	21	14	17
7	25	26	14	19	17	20	23	25	22	24
8	35	22	21	21	24	21	34	22	33	23
9	43	24	30	20	32	22	42	23	43	25
10	72	34	50	31	54	35	69	33	69	34
11	75	27	48	25	60	21	71	25	71	24
12	96	26	67	24	76	22	91	23	90	21
13	99	34	76	32	90	29	98	33	97	32
14	118	32	95	34	112	29	118	31	118	32
15	130	27	106	24	120	26	128	25	130	23
16	138	32	118	30	132	30	138	31	136	31
17	158	26	135	28	154	27	158	25	157	29
18	160	25	137	29	158	23	163	25	162	24
19	171	22	151	22	169	20	173	22	172	22
20	172	23	148	24	168	22	172	24	172	22
21	178	24	158	22	176	22	180	24	180	23
22	184	23	159	19	181	20	184	21	184	20
23	168	29	148	32	166	28	169	28	170	28
24	170	22	146	24	164	21	171	22	169	20
25	154	27	131	29	154	27	155	26	156	26
26	144	28	123	30	145	25	145	29	146	28
27	149	30	123	33	149	28	149	30	150	30
28	130	28	103	32	127	25	129	26	130	26
29	118	29	87	26	115	26	118	28	117	27
30	94	33	70	29	93	25	96	31	97	29
31	76	33	46	25	72	28	75	31	77	31
32	68	34	48	33	67	32	67	34	67	32
33	52	29	28	23	50	29	51	28	52	28
34	40	28	26	25	40	24	39	27	40	28
35	28	24	13	19	27	25	28	23	27	22
36	24	22	11	15	22	21	22	21	21	21
37	16	16	5	5	14	16	13	13	14	15
38	16	19	5	10	13	14	13	16	13	15
39	6	11	3	6	4	8	4	8	5	8
40	3	7	1	4	2	4	2	6	2	6
41	2	6	1	2	2	5	2	5	2	4
42	1	3	0	0	0	1	1	2	0	1
43	1	2	0	0	1	2	1	2	0	1
44	1	3	0	0	1	2	0	2	0	2
45	3	7	0	0	2	7	2	7	2	6
46	2	7	0	0	1	5	1	6	1	4
47	1	2	0	0	0	1	0	1	0	0
48	1	3	0	1	1	2	1	2	0	1
49	0	1	0	0	0	0	0	0	0	1
50	0	0	0	0	0	0	0	0	0	0
51	3	7	0	1	2	5	2	5	2	5
52	2	6	0	2	1	3	2	5	1	4
TOTAL	3391		2657		3200		3355		3345	

TABLE 4. GROWING DEGREE DAYS, BASE 50°,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	NEW JERSEY		NEW YORK							
	Pleasantville		Albany		Alfred		Angelica		Auburn	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	1	0	0	0	0	0	0	0	0	0
2	2	1	0	3	0	1	0	1	0	0
3	6	8	1	6	1	4	1	4	0	2
4	10	9	5	11	3	7	2	7	2	5
5	11	16	5	12	3	7	4	8	2	6
6	13	15	9	16	8	13	8	13	5	13
7	17	20	14	21	8	14	10	15	7	13
8	26	23	24	21	14	17	13	17	11	12
9	30	20	36	25	24	24	25	24	22	19
10	57	30	55	34	34	27	35	28	32	27
11	62	24	55	25	31	20	33	21	34	21
12	80	22	73	22	48	25	50	27	53	22
13	87	30	92	31	55	30	61	35	64	28
14	107	31	109	33	74	35	77	39	88	34
15	124	24	119	25	80	29	87	32	98	26
16	134	30	130	31	94	30	102	31	116	30
17	149	30	147	30	108	27	111	29	133	26
18	154	26	155	28	112	30	120	32	144	32
19	165	24	167	24	121	26	126	26	153	27
20	164	24	167	22	121	22	127	23	153	22
21	174	22	170	19	127	26	136	28	160	23
22	178	21	174	18	128	21	136	26	164	20
23	164	30	158	29	117	31	123	33	152	30
24	164	22	159	24	118	29	124	29	154	25
25	154	30	147	28	106	30	113	30	143	29
26	144	30	137	29	94	33	102	35	131	31
27	148	28	133	31	98	33	106	33	132	34
28	128	26	111	33	81	33	87	31	111	33
29	119	30	98	29	71	30	76	29	101	32
30	94	26	75	28	51	30	54	32	78	35
31	77	30	54	28	35	28	40	28	58	30
32	69	28	52	25	36	26	38	26	55	29
33	50	26	37	30	23	23	24	23	42	28
34	46	23	26	21	13	14	13	12	27	21
35	30	16	15	19	7	12	7	10	16	19
36	26	16	11	15	7	10	8	10	11	12
37	15	8	5	7	2	4	3	6	5	8
38	13	10	6	11	5	9	6	12	8	13
39	7	7	2	7	1	4	1	6	2	6
40	3	2	1	4	0	1	0	3	0	3
41	2	2	0	1	0	1	0	0	0	2
42	1	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	1	0	0	0	0
44	1	0	0	0	0	0	0	0	0	0
45	1	1	0	2	0	1	0	1	0	0
46	1	2	0	2	0	0	0	1	0	1
47	1	0	0	0	0	0	0	0	0	0
48	1	0	0	0	0	2	0	1	0	0
49	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0
51	1	2	0	1	0	0	0	0	0	0
52	1	1	0	0	0	0	0	0	0	0
TOTAL	3212		2934		2059		2189		2667	

TABLE 4. GROWING DEGREE DAYS, BASE 50°,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	NEW YORK									
	Binghamton		Bridgehampton		Buffalo		Canton		Carmel	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	0	0	0	0	0	0	0	0	0	0
2	1	3	0	0	1	4	0	1	0	0
3	2	7	0	2	1	3	0	0	2	5
4	6	11	1	4	4	9	2	7	3	7
5	5	10	3	8	3	6	1	3	4	12
6	10	17	2	5	8	12	5	11	7	11
7	14	20	7	13	8	14	6	11	12	18
8	20	20	10	12	12	14	12	15	20	19
9	35	27	16	15	26	24	22	23	26	19
10	46	32	30	19	28	23	33	29	45	30
11	48	25	35	16	32	18	32	24	45	21
12	66	26	51	19	44	21	47	23	65	23
13	76	34	68	21	61	32	65	30	75	28
14	96	36	85	25	79	33	79	33	91	32
15	104	27	93	22	95	24	90	24	104	25
16	119	33	105	24	113	34	109	35	113	30
17	133	28	127	24	125	28	118	27	132	28
18	139	30	133	21	134	31	126	32	140	23
19	150	26	146	19	145	26	137	27	151	23
20	152	25	145	22	147	23	135	24	150	21
21	157	24	153	18	150	22	142	22	158	21
22	159	21	161	17	151	21	141	21	162	20
23	146	34	151	26	148	27	130	29	149	30
24	146	29	150	19	147	25	131	30	148	22
25	133	28	143	23	136	26	119	31	134	30
26	122	34	133	27	124	31	109	33	125	28
27	125	33	132	25	122	30	103	34	126	31
28	102	35	112	26	104	29	79	35	105	28
29	91	33	103	23	93	30	71	31	92	28
30	67	31	83	20	69	33	52	31	72	27
31	49	31	65	23	54	31	33	26	52	30
32	47	28	60	25	50	27	35	21	51	27
33	34	28	44	24	37	28	25	25	35	27
34	22	19	34	19	24	19	14	14	26	23
35	14	19	23	20	15	18	8	15	15	20
36	11	14	16	15	13	17	7	11	12	15
37	6	8	9	10	5	7	2	6	5	6
38	9	14	6	7	8	13	4	7	5	8
39	2	7	4	8	2	6	1	5	2	5
40	1	5	1	5	1	2	0	2	0	3
41	0	3	0	1	1	2	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0
43	0	1	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0
45	0	2	0	1	0	1	0	0	0	0
46	0	1	0	0	0	1	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0
48	0	2	0	0	0	3	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	1	0	0	0	0
51	0	2	0	0	0	1	0	0	0	0
52	0	0	0	0	0	1	0	0	0	0
TOTAL	2665		2640		2520		2225		2659	

TABLE 4. GROWING DEGREE DAYS, BASE 50°,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	NEW YORK									
	Cooperstown		Dannemora		Delhi		Elmira		Fredonia	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	0	0	0	0	0	0	0	1	0	2
2	0	1	0	0	0	0	0	2	2	6
3	1	3	0	0	1	3	3	7	4	11
4	3	7	2	6	4	7	5	11	7	14
5	3	10	1	6	3	8	6	13	6	11
6	4	8	4	12	6	14	11	17	13	17
7	8	17	5	12	9	14	15	22	15	23
8	13	18	11	16	14	17	22	21	21	20
9	23	21	20	21	24	20	36	27	33	29
10	35	27	33	30	35	27	52	34	43	31
11	32	24	30	22	34	22	50	27	44	23
12	50	22	43	23	51	23	71	28	60	25
13	60	28	64	31	59	31	82	33	72	32
14	77	34	77	34	77	33	100	37	98	37
15	87	27	85	27	88	26	109	26	108	29
16	97	27	102	37	98	32	123	32	124	32
17	114	30	113	30	113	27	139	28	140	28
18	118	29	120	38	116	27	144	32	145	31
19	127	27	132	26	127	26	153	26	154	23
20	128	20	128	23	127	24	155	24	152	22
21	134	24	134	21	136	24	162	27	159	24
22	135	22	134	23	136	20	161	20	162	24
23	121	30	122	31	122	32	150	35	154	27
24	121	28	126	31	124	25	146	27	152	26
25	114	32	114	34	110	31	136	28	141	25
26	102	33	108	34	103	29	123	34	131	31
27	100	34	98	37	101	32	127	34	133	33
28	79	36	79	35	82	33	106	33	116	29
29	69	29	69	33	75	27	89	33	106	32
30	52	26	50	28	54	30	67	29	84	31
31	37	22	31	27	37	26	48	32	63	31
32	36	24	34	23	36	24	47	29	58	31
33	26	26	25	28	25	24	32	28	44	27
34	16	16	15	18	16	15	23	22	30	22
35	9	18	7	15	8	15	12	16	20	20
36	7	10	5	9	8	12	11	14	16	17
37	3	7	2	5	3	5	5	9	7	10
38	5	6	2	6	6	10	7	13	12	17
39	2	5	1	4	1	5	2	7	2	7
40	1	3	0	0	0	3	0	2	1	4
41	0	1	0	0	0	0	0	2	1	3
42	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	1
44	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	1	0	2
46	0	1	0	0	0	0	0	0	0	2
47	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	2	0	1
49	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	2
51	0	0	0	0	0	0	0	2	0	1
52	0	0	0	0	0	0	0	0	0	2
TOTAL	2149		2126		2169		2730		2833	

TABLE 4. GROWING DEGREE DAYS, BASE 50⁰,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

Clim. Week No.	NEW YORK									
	Geneva		Hemlock		Ithaca		Jamestown		Little Falls	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	0	0	0	0	0	1	0	2	0	0
2	0	3	0	1	0	2	1	5	0	1
3	3	7	1	3	2	5	4	10	0	2
4	6	11	3	7	5	10	8	13	4	10
5	6	11	3	7	5	11	6	11	3	9
6	10	16	7	13	9	16	14	18	6	12
7	13	20	9	14	13	19	17	25	8	16
8	21	20	15	16	17	17	23	22	15	18
9	34	27	27	24	32	27	38	29	28	22
10	46	34	38	29	42	31	49	31	38	31
11	44	25	40	22	39	25	48	24	37	23
12	66	25	61	22	59	25	67	28	53	23
13	78	33	72	33	71	33	76	32	67	31
14	101	37	93	36	88	39	96	39	85	33
15	109	27	101	25	95	27	104	31	94	25
16	122	33	118	32	110	32	120	32	106	31
17	141	26	134	25	126	27	136	27	121	28
18	146	29	140	29	132	31	138	32	127	29
19	155	26	150	25	144	28	146	26	142	25
20	155	21	149	23	144	23	147	26	140	22
21	161	24	155	23	151	26	152	27	145	24
22	163	21	155	22	152	23	155	25	147	21
23	152	33	145	31	139	36	142	28	133	34
24	149	28	143	27	139	28	143	25	134	26
25	142	29	132	28	129	31	133	30	125	29
26	130	31	119	34	116	32	121	31	115	29
27	131	35	121	34	118	34	122	34	112	33
28	110	32	98	32	97	33	108	29	91	32
29	96	35	90	31	84	34	96	32	79	32
30	75	33	66	30	65	32	73	34	57	28
31	53	29	49	30	45	30	54	31	39	24
32	53	29	47	27	45	27	52	32	38	22
33	38	27	34	26	34	29	39	28	28	26
34	27	22	22	19	22	20	27	20	18	17
35	16	18	14	16	13	18	16	18	8	14
36	12	13	11	12	11	14	14	13	6	10
37	6	9	4	8	5	8	6	8	3	5
38	8	14	8	12	9	15	10	15	3	7
39	2	7	1	6	2	7	2	6	1	5
40	0	3	0	2	1	3	0	2	0	2
41	0	2	0	2	0	2	0	2	0	1
42	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	1	0	1	0	0
44	0	0	0	0	0	0	0	0	0	0
45	0	0	0	1	0	0	0	1	0	1
46	0	2	0	0	0	3	0	2	0	0
47	0	0	0	0	0	0	0	0	0	0
48	0	2	0	1	0	2	0	3	0	0
49	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	2	0	0
51	0	0	0	0	0	1	0	1	0	0
52	0	0	0	0	0	0	0	3	0	0
Total	2780		2575		2510		2703		2356	

TABLE 4. GROWING DEGREE DAYS, BASE 50°,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	NEW YORK									
	Lockport		Lowville		Morrisville		New York		Norwich	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	0	0	0	0	0	0	1	2	0	0
2	0	3	0	0	0	0	3	5	0	0
3	2	5	0	0	0	1	6	14	0	2
4	4	9	2	6	1	5	11	16	3	7
5	3	6	1	5	2	6	12	16	3	9
6	7	13	5	13	5	12	16	16	6	14
7	9	15	6	12	7	12	22	25	9	15
8	13	13	11	15	10	13	36	24	13	16
9	27	25	21	20	22	20	44	24	25	21
10	34	29	34	30	29	25	70	36	34	26
11	35	20	31	22	27	21	76	23	32	23
12	48	22	46	22	43	22	94	22	50	24
13	65	31	62	29	54	29	105	32	58	30
14	85	36	76	31	70	33	126	34	75	32
15	94	24	86	26	79	26	136	25	86	25
16	113	35	104	33	92	32	146	32	97	32
17	128	26	115	28	104	26	166	29	114	27
18	132	28	122	31	111	31	170	24	119	27
19	147	29	132	29	121	31	185	21	129	27
20	144	24	129	22	121	20	184	23	128	24
21	152	24	135	23	127	25	192	22	137	25
22	152	24	138	23	130	22	196	19	139	22
23	142	29	124	32	115	35	182	28	123	36
24	142	25	125	28	114	28	180	24	125	26
25	132	27	115	31	107	32	167	25	115	34
26	121	35	104	31	93	29	161	30	100	32
27	122	31	101	34	95	32	162	30	102	33
28	100	29	79	37	74	33	145	24	80	32
29	91	31	70	32	65	31	128	28	69	29
30	66	31	48	29	43	25	110	27	48	27
31	48	31	33	28	30	24	89	31	33	26
32	46	28	33	21	30	22	81	30	32	22
33	34	28	22	23	21	22	66	30	24	25
34	21	19	13	16	12	13	52	29	15	17
35	13	18	7	14	7	12	35	26	7	14
36	11	13	4	8	6	9	27	21	7	10
37	4	6	2	6	2	4	17	17	2	4
38	6	10	2	5	4	8	16	17	4	7
39	0	2	1	5	1	4	6	9	1	4
40	0	1	0	0	0	2	3	5	1	6
41	0	2	0	0	0	1	2	5	0	1
42	0	0	0	0	0	0	0	1	0	0
43	0	0	0	0	0	0	1	2	0	0
44	0	0	0	0	0	0	1	2	0	0
45	0	0	0	0	0	0	2	5	0	0
46	0	0	0	0	0	0	1	6	0	0
47	0	0	0	0	0	0	0	1	0	0
48	0	0	0	0	0	0	0	1	0	0
49	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	2	4	0	0
52	0	0	0	0	0	0	2	6	0	0
TOTAL	2493		2139		1974		3635		2145	

TABLE 4. GROWING DEGREE DAYS, BASE 50°,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	NEW YORK									
	Ogdensburg		Oswego		Port Jervis		Poughkeepsie		Rochester	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	2	0	2	0	2	1	5
3	0	0	1	2	3	9	2	8	2	5
4	1	5	3	9	6	11	6	12	5	11
5	1	5	2	5	6	12	8	17	4	8
6	4	10	7	13	11	16	12	14	10	16
7	4	11	6	12	15	21	18	26	11	17
8	13	14	12	13	25	23	28	26	18	17
9	20	20	21	22	36	25	40	26	31	29
10	31	24	27	24	56	35	61	39	42	33
11	33	23	29	19	53	26	60	26	42	22
12	50	24	41	20	75	26	84	26	59	23
13	66	28	57	28	83	34	96	31	74	33
14	82	31	72	33	101	34	113	31	94	37
15	91	26	83	23	112	26	124	25	103	24
16	109	33	102	34	123	31	134	28	123	35
17	125	19	117	27	140	29	153	28	136	26
18	137	32	127	32	144	29	162	25	145	30
19	142	29	142	24	156	26	171	21	154	28
20	141	22	142	23	157	23	170	20	154	23
21	146	22	147	22	166	21	174	21	158	24
22	147	19	150	20	167	22	180	18	160	23
23	138	28	141	29	152	32	166	28	150	32
24	142	31	141	25	153	25	165	23	149	27
25	129	31	132	26	138	27	154	24	138	28
26	119	28	119	30	128	31	138	32	126	33
27	110	31	118	33	132	29	139	31	125	34
28	91	32	99	31	110	31	120	29	104	33
29	82	33	87	32	96	27	103	30	96	33
30	59	29	65	28	76	29	81	27	71	34
31	38	25	47	27	56	30	59	26	52	31
32	40	24	45	25	50	29	57	30	49	28
33	26	23	33	26	35	28	43	31	37	29
34	18	17	22	19	25	21	30	24	24	20
35	7	12	13	18	16	19	18	20	15	18
36	6	10	10	13	11	17	14	16	12	15
37	2	6	5	8	5	6	7	10	5	8
38	2	5	6	10	6	9	6	12	9	14
39	1	6	2	7	2	6	2	6	2	8
40	0	0	0	2	0	4	0	3	0	1
41	0	0	0	2	0	1	0	1	0	2
42	0	0	0	0	0	0	0	0	0	0
43	0	0	0	1	0	0	0	0	0	1
44	0	0	0	0	0	0	0	0	0	1
45	0	0	0	0	0	1	0	2	0	1
46	0	0	0	1	0	1	0	0	0	3
47	0	0	0	0	0	0	0	0	0	0
48	0	0	0	1	0	1	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	2	0	0	0	1
52	0	0	0	0	0	2	0	3	0	0
TOTAL	2353		2373		2826		3098		2690	

TABLE 4. GROWING DEGREE DAYS, BASE 50⁰,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	NEW YORK									
	Roxbury		Salisbury		Setauket		Syracuse		Walden	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	0	0	0	0	0	0	0	0	0	0
2	0	1	0	0	1	3	1	4	0	1
3	1	4	0	0	2	6	2	6	2	9
4	4	8	1	5	6	10	5	9	4	8
5	2	8	1	5	6	13	4	9	5	11
6	3	6	3	8	9	12	11	19	8	16
7	10	16	4	11	14	19	12	18	13	19
8	16	19	9	14	24	21	19	17	20	19
9	22	20	19	20	30	20	35	28	30	23
10	37	30	26	26	53	31	43	34	49	33
11	33	24	23	20	56	19	44	25	48	25
12	49	23	36	19	73	21	63	22	64	25
13	58	32	48	26	85	27	78	34	76	34
14	75	34	67	35	103	28	97	39	97	34
15	87	26	73	29	114	23	105	27	106	29
16	94	32	87	32	124	28	122	35	116	34
17	109	30	100	27	142	27	136	27	137	31
18	115	27	106	29	149	24	143	30	143	24
19	124	29	118	30	163	19	155	27	154	25
20	128	26	118	20	161	23	155	23	153	23
21	136	23	121	24	169	21	159	23	159	23
22	135	23	125	23	172	19	162	22	162	23
23	122	29	110	35	161	22	149	33	148	32
24	122	28	112	28	162	19	150	27	147	25
25	112	33	103	31	150	24	139	31	133	29
26	99	31	91	30	143	26	127	34	122	29
27	98	32	88	32	143	25	126	33	122	32
28	77	32	65	34	126	23	103	34	98	29
29	69	30	58	30	113	24	93	33	85	30
30	52	29	42	28	93	21	68	32	63	27
31	34	26	25	21	79	29	50	30	46	29
32	35	24	24	18	68	26	50	28	41	27
33	22	23	16	21	54	26	37	29	29	26
34	12	13	8	9	43	24	25	21	22	19
35	7	13	5	11	28	24	15	18	12	16
36	7	13	3	7	21	19	12	15	9	13
37	2	4	1	4	13	14	6	9	4	6
38	5	9	1	4	11	13	9	14	6	11
39	1	5	1	3	4	9	2	7	2	6
40	0	2	0	1	2	5	1	4	1	3
41	0	1	0	0	1	4	0	2	0	0
42	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	1	0	0
44	0	0	0	0	0	1	0	1	0	0
45	0	1	0	0	0	2	0	2	0	1
46	0	2	0	0	0	3	0	2	0	2
47	0	0	0	0	0	0	0	0	0	0
48	0	2	0	0	0	0	0	1	0	0
49	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	1	0	1	0	1
52	0	0	0	0	0	2	0	0	0	0
TOTAL	2114		1838		3071		2713		2636	

TABLE 4. GROWING DEGREE DAYS, BASE 50⁰,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	NEW YORK				PENNSYLVANIA					
	Wanakena		Watertown		Altoona		Bethlehem		Brookville	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	0	0	0	0	1	4	1	3	0	0
2	0	0	0	2	1	3	2	4	0	0
3	0	0	0	2	7	13	10	18	3	7
4	0	0	3	9	9	14	13	18	6	2
5	0	2	3	7	9	13	12	16	4	8
6	2	7	7	15	15	20	17	22	9	14
7	3	8	9	15	20	23	23	27	10	15
8	7	13	16	18	27	23	39	26	18	19
9	15	17	25	24	42	29	51	29	29	27
10	25	24	38	30	53	34	78	40	36	24
11	22	21	37	24	57	26	73	22	38	27
12	36	21	53	25	72	28	93	25	52	28
13	49	27	70	31	79	31	101	33	64	30
14	60	30	86	36	95	33	126	37	77	34
15	68	25	98	27	108	28	138	27	93	31
16	86	34	114	34	117	28	144	32	106	28
17	93	28	127	26	134	28	166	28	114	33
18	97	29	135	32	134	25	166	25	118	34
19	109	28	148	27	142	22	177	24	123	28
20	106	23	147	22	146	23	178	21	126	30
21	113	23	152	22	155	27	188	27	135	23
22	116	23	153	21	158	24	188	22	141	24
23	100	29	142	32	144	31	173	33	125	31
24	104	30	144	27	142	24	173	27	123	25
25	93	32	132	30	128	27	158	25	112	31
26	84	31	120	31	121	33	149	33	105	35
27	81	34	118	33	124	34	149	28	103	36
28	62	34	96	34	106	29	134	27	82	30
29	55	29	87	33	96	31	122	27	74	35
30	37	25	65	33	69	34	101	34	46	30
31	24	20	43	28	58	31	79	29	42	24
32	25	19	46	25	49	30	71	33	35	28
33	15	20	31	27	36	29	53	28	21	23
34	9	11	19	19	28	22	40	25	12	13
35	5	11	12	18	16	17	26	24	6	8
36	3	6	9	13	12	13	21	22	8	11
37	1	5	4	7	8	10	13	13	5	7
38	2	4	7	11	8	12	13	18	4	7
39	0	3	2	6	2	6	4	9	2	7
40	0	2	0	2	1	3	2	5	0	1
41	0	0	0	0	1	3	2	4	0	1
42	0	0	0	0	0	1	0	0	0	0
43	0	0	0	0	0	1	0	0	0	0
44	0	0	0	0	0	0	0	1	0	0
45	0	0	0	0	0	2	1	4	1	2
46	0	0	0	0	1	5	1	4	0	0
47	0	0	0	0	0	1	0	0	0	1
48	0	0	0	2	1	3	0	1	0	2
49	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	1	0	0	0	1
51	0	0	0	0	1	4	1	3	1	3
52	0	0	0	0	1	4	1	6	0	1
TOTAL	1707		2498		2734		3471		2209	

TABLE 4. GROWING DEGREE DAYS, BASE 50⁰,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	PENNSYLVANIA									
	Butler		Carlisle		Claysville		Cory		Donora	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	2	7	1	4	3	6	0	1	5	9
2	2	4	2	5	4	9	1	4	6	9
3	7	14	10	16	11	16	4	8	15	20
4	16	19	14	17	15	20	7	11	22	25
5	13	16	16	18	16	16	6	10	21	19
6	22	22	21	22	22	23	13	18	31	25
7	25	27	28	28	27	29	15	23	35	34
8	32	26	41	28	34	22	23	22	47	31
9	50	31	57	29	49	31	30	24	63	34
10	58	33	81	37	62	33	40	30	78	34
11	63	28	81	29	61	27	38	19	81	30
12	83	31	102	25	87	29	55	29	105	32
13	92	32	108	31	90	32	70	28	108	34
14	109	35	127	31	110	38	83	38	133	38
15	125	29	139	26	123	30	97	30	146	30
16	135	30	148	27	134	30	110	29	153	30
17	149	25	166	27	144	29	124	28	169	28
18	148	30	169	24	149	30	128	35	170	29
19	152	26	177	21	153	26	139	29	178	24
20	158	24	180	24	156	27	142	32	182	22
21	164	26	188	27	162	32	144	31	186	26
22	169	26	190	24	166	22	146	28	190	21
23	155	28	176	30	156	31	134	31	180	28
24	154	28	172	24	155	28	132	26	176	26
25	140	30	159	27	139	31	127	33	162	28
26	133	32	151	32	130	35	115	36	153	33
27	133	33	151	33	132	32	111	36	157	33
28	122	31	134	26	120	32	104	29	144	28
29	106	34	120	31	111	38	88	36	131	34
30	77	32	95	36	85	40	67	30	104	35
31	60	29	75	33	66	32	48	32	85	35
32	59	37	66	35	60	37	43	28	77	37
33	42	32	50	27	43	33	27	25	60	32
34	29	21	36	26	30	23	22	17	45	27
35	20	19	22	20	21	20	13	15	33	22
36	14	14	17	19	16	17	9	11	24	19
37	10	12	10	11	12	13	3	6	16	17
38	11	17	10	16	13	19	7	12	20	23
39	2	6	3	6	5	10	2	6	7	13
40	1	3	2	4	3	6	0	1	4	8
41	2	4	1	4	1	1	0	1	4	7
42	0	0	0	2	1	3	0	0	2	5
43	1	2	0	0	2	4	0	0	2	6
44	0	1	0	0	1	3	0	0	3	6
45	2	4	0	3	3	5	0	1	5	9
46	1	3	1	4	2	5	0	2	3	6
47	1	2	0	0	2	4	0	0	3	6
48	2	7	1	2	1	5	0	0	4	10
49	0	0	0	1	0	1	0	0	0	1
50	1	3	0	0	1	4	0	2	2	5
51	2	4	1	4	2	5	1	2	4	8
52	1	4	1	5	2	6	0	2	4	7
TOTAL	3055		3500		3093		2468		3738	

TABLE 4. GROWING DEGREE DAYS, BASE 50°,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	PENNSYLVANIA									
	Ebensburg		Franklin		Freeland		George School		Gettysburg	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	1	4	1	2	0	1	1	3	2	6
2	1	3	1	2	1	2	2	5	3	7
3	3	5	3	6	5	12	6	10	13	21
4	8	13	6	10	6	10	10	14	16	20
5	6	7	5	9	5	11	8	8	16	21
6	11	18	11	15	10	17	16	21	23	23
7	12	19	15	21	12	18	21	23	28	27
8	24	23	21	23	21	20	34	22	43	28
9	32	23	34	27	29	25	44	23	56	27
10	48	33	46	30	48	31	70	34	80	36
11	43	23	46	27	48	27	71	27	80	31
12	65	29	66	27	65	24	92	25	103	27
13	68	34	72	31	72	35	98	35	108	33
14	88	34	92	37	92	37	123	29	128	31
15	97	28	104	31	104	27	130	26	140	28
16	103	29	118	34	109	32	134	29	146	27
17	121	28	131	27	124	29	157	27	165	26
18	118	25	136	34	128	29	160	22	168	24
19	130	22	141	28	139	25	173	22	176	21
20	132	25	145	27	140	24	174	22	179	22
21	136	30	152	28	147	20	179	23	188	27
22	141	21	154	27	151	20	184	22	190	22
23	130	30	143	27	139	30	168	29	179	31
24	130	26	140	26	133	27	168	24	174	24
25	116	27	131	30	117	26	157	29	160	26
26	111	33	118	33	111	35	146	27	148	30
27	112	30	118	32	116	35	149	29	154	32
28	95	27	106	29	100	32	127	28	134	28
29	83	25	95	34	81	30	118	31	122	30
30	61	33	71	35	69	31	96	33	99	35
31	47	26	51	28	47	31	76	31	79	30
32	49	29	47	30	41	28	66	34	70	35
33	33	31	32	26	30	31	52	29	53	30
34	21	20	23	21	19	19	39	26	40	27
35	13	17	12	13	11	17	24	22	25	19
36	10	12	9	11	9	12	20	20	21	20
37	4	6	5	8	4	7	11	12	12	14
38	5	9	6	11	6	10	12	16	13	18
39	1	2	2	6	2	7	4	8	4	8
40	2	3	1	3	1	2	2	6	2	5
41	1	2	0	1	0	2	1	4	1	4
42	0	0	0	0	0	0	0	1	1	2
43	0	1	0	0	0	0	0	1	0	0
44	0	0	0	0	0	0	0	1	0	1
45	1	2	0	1	0	1	2	5	2	5
46	0	0	0	0	1	4	1	3	1	5
47	0	1	0	1	0	0	0	1	0	1
48	1	4	1	3	0	0	0	1	1	2
49	0	0	0	0	0	0	0	0	0	1
50	0	0	0	1	0	0	0	0	0	1
51	1	1	0	0	1	3	1	3	2	6
52	1	2	0	0	1	3	1	4	2	7
TOTAL	2416		2611		2495		3328		3550	

TABLE 4. GROWING DEGREE DAYS, BASE 50°,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	PENNSYLVANIA									
	Greenville		Huntingdon		Johnstown		Lancaster		Lawrenceville	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	1	4	1	2	2	6	1	3	0	0
2	2	6	2	4	2	6	2	4	1	1
3	6	11	6	12	10	16	10	18	2	5
4	12	15	10	15	11	17	10	14	6	10
5	8	11	10	16	12	17	12	20	6	12
6	18	18	16	20	16	14	18	21	10	16
7	18	24	20	23	25	27	23	25	13	18
8	27	23	29	23	39	27	35	25	19	18
9	42	32	45	27	49	32	44	25	33	28
10	51	34	60	32	68	34	71	32	48	30
11	51	23	62	29	64	31	73	29	46	26
12	69	30	87	29	92	25	94	27	68	30
13	81	35	90	35	95	31	101	30	76	36
14	100	43	108	35	115	35	119	31	96	39
15	109	30	121	26	127	24	132	27	104	28
16	128	32	131	28	135	28	137	31	119	32
17	142	23	146	26	152	31	155	23	130	26
18	147	29	150	28	155	30	158	23	135	31
19	151	26	158	23	157	24	167	22	143	27
20	152	22	158	25	161	24	170	23	144	23
21	159	29	167	24	170	27	177	24	151	28
22	163	28	169	21	173	19	180	20	153	21
23	149	35	158	32	160	29	166	28	142	33
24	148	28	156	25	158	26	164	23	139	30
25	137	30	146	27	145	30	152	26	128	33
26	127	33	131	31	133	35	138	28	118	33
27	126	35	135	33	142	36	144	29	120	33
28	116	28	119	29	119	29	126	24	100	33
29	104	34	105	32	109	34	111	29	90	34
30	74	37	80	35	85	37	89	34	66	33
31	59	31	60	28	67	31	66	28	46	27
32	50	32	56	33	63	34	54	32	47	30
33	36	30	40	29	42	29	41	27	33	28
34	24	19	26	20	33	28	29	24	20	17
35	17	16	15	16	23	19	17	18	12	16
36	11	12	11	13	15	17	17	21	10	12
37	7	10	6	9	12	14	8	9	5	7
38	10	15	8	14	10	16	9	13	7	13
39	3	7	4	8	4	8	3	6	3	6
40	1	2	2	5	2	5	1	4	1	3
41	1	2	1	2	1	3	0	2	0	2
42	0	0	0	1	0	1	0	1	0	0
43	0	1	0	0	0	1	0	0	0	1
44	0	1	0	0	0	1	0	1	0	0
45	1	2	0	2	1	4	1	2	1	2
46	1	3	1	5	1	4	0	2	0	1
47	1	2	0	1	1	3	0	0	0	0
48	0	3	1	2	2	5	0	1	3	17
49	0	0	0	0	0	0	0	0	0	0
50	1	2	0	1	0	2	0	0	0	0
51	1	3	1	3	2	5	1	4	0	2
52	1	4	0	3	0	2	1	3	0	0
TOTAL	2843		3008		3160		3227		2594	

TABLE 4. GROWING DEGREE DAYS, BASE 50⁰,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	PENNSYLVANIA									
	Lock Haven		New Castle		Newell		Palmerton		Philadelphia	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	0	1	1	3	2	4	0	1	2	4
2	2	4	2	5	6	10	1	3	3	6
3	6	10	7	12	14	20	5	10	10	19
4	9	14	11	15	20	24	7	11	13	16
5	10	18	9	14	15	16	7	12	17	22
6	17	22	17	19	27	26	12	17	23	24
7	24	26	22	28	35	33	18	23	28	28
8	36	25	29	26	40	30	26	22	40	24
9	49	30	41	30	54	33	38	26	54	25
10	71	34	57	31	69	30	57	34	79	33
11	68	28	59	27	71	31	56	23	85	27
12	93	26	78	31	87	32	76	25	108	24
13	99	34	87	33	96	35	86	33	113	31
14	117	38	108	37	114	31	104	35	132	30
15	126	27	121	31	129	30	115	27	146	25
16	141	28	132	32	139	31	127	33	152	27
17	158	28	148	26	153	28	144	28	170	25
18	158	31	148	31	155	29	149	27	176	27
19	162	27	153	24	164	24	162	22	186	21
20	165	24	159	23	163	30	161	23	184	21
21	175	26	165	28	173	24	169	24	192	24
22	179	19	168	23	178	20	173	24	196	20
23	162	33	158	29	172	27	156	33	184	27
24	159	27	153	27	163	24	156	25	181	20
25	148	28	140	30	150	25	141	26	169	23
26	132	27	131	28	149	34	129	30	159	27
27	142	33	132	32	149	30	128	30	161	31
28	116	28	120	28	127	28	113	26	143	24
29	104	31	111	36	123	34	99	30	128	30
30	80	35	81	35	93	35	77	32	109	30
31	65	30	66	31	78	32	55	30	86	32
32	56	31	59	36	67	35	51	31	71	34
33	41	26	40	29	52	33	35	26	57	29
34	28	19	31	22	36	26	24	20	45	28
35	15	17	18	17	23	16	17	19	29	25
36	13	14	15	16	21	17	13	16	25	23
37	8	9	9	11	15	13	8	8	14	15
38	9	17	9	12	18	22	8	13	14	17
39	4	8	4	9	5	10	3	6	5	9
40	1	4	2	5	3	6	2	5	2	5
41	0	2	1	3	1	2	1	2	2	7
42	0	1	0	0	3	6	0	0	0	1
43	0	0	0	2	2	5	0	1	0	2
44	0	0	0	1	2	4	0	0	0	1
45	0	2	1	4	4	8	1	3	1	3
46	1	5	0	1	2	6	0	2	1	5
47	0	0	0	1	3	6	0	0	0	1
48	0	1	1	4	2	6	0	1	1	1
49	0	0	0	0	0	1	0	0	0	1
50	0	0	0	0	2	6	0	0	0	0
51	0	2	0	2	3	5	0	1	2	5
52	0	2	0	2	2	7	1	3	1	5
TOTAL	3149		3004		3374		2911		3699	

TABLE 4. GROWING DEGREE DAYS, BASE 50°,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	PENNSYLVANIA									
	Selinsgrove		Somerset		State College		Towanda		Uniontown	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	0	1	1	2	1	4	0	0	4	9
2	1	3	1	3	2	3	1	2	6	10
3	6	13	6	11	6	13	3	7	16	21
4	8	13	6	9	9	14	7	12	20	25
5	9	14	7	10	9	14	6	11	21	21
6	14	20	10	13	14	19	11	16	30	26
7	19	22	14	16	18	23	15	20	34	33
8	28	21	21	22	29	24	22	22	47	29
9	42	27	29	26	46	29	36	27	61	32
10	63	31	40	22	57	35	49	31	74	33
11	62	29	43	24	60	26	47	26	75	28
12	85	26	63	26	80	27	69	27	99	31
13	91	31	64	29	86	33	76	35	103	33
14	110	36	80	31	106	35	95	36	122	34
15	119	26	93	30	114	28	103	26	136	28
16	131	27	102	29	124	29	117	31	143	28
17	146	28	116	28	141	28	132	28	157	26
18	150	26	117	27	144	28	136	28	160	26
19	161	23	120	22	152	22	146	25	163	21
20	162	24	127	24	154	24	147	23	168	23
21	169	24	132	25	162	25	154	22	173	27
22	172	21	137	22	166	22	156	22	177	19
23	160	33	124	24	152	31	143	31	166	26
24	158	23	120	25	150	25	143	29	164	23
25	148	27	110	27	136	26	131	28	149	28
26	132	29	101	33	126	32	121	31	142	30
27	137	33	102	33	126	34	124	33	145	30
28	120	29	86	27	108	29	104	32	132	27
29	106	30	78	32	96	31	92	30	123	31
30	84	35	53	31	71	34	66	30	94	37
31	63	29	41	27	54	31	49	29	79	31
32	54	32	38	29	48	31	45	29	69	37
33	39	26	23	22	37	26	32	26	55	31
34	29	21	14	12	27	22	22	19	40	25
35	15	18	9	12	16	16	13	17	28	22
36	12	15	7	9	12	13	11	14	23	20
37	6	7	5	6	7	9	6	7	16	15
38	8	15	6	11	8	12	8	14	18	23
39	3	8	2	5	2	5	3	6	7	12
40	1	4	1	3	1	4	2	4	4	9
41	0	1	0	2	1	3	1	3	3	7
42	0	0	0	2	0	1	0	0	2	6
43	0	0	0	0	0	0	0	0	2	6
44	0	0	0	0	0	0	0	0	2	4
45	0	0	1	2	1	2	0	2	5	9
46	1	4	1	2	1	4	0	3	3	7
47	0	0	1	2	0	0	0	0	3	7
48	0	0	1	2	0	2	0	1	4	8
49	0	0	0	0	0	0	0	0	1	2
50	0	0	0	2	0	0	0	0	2	5
51	0	1	1	4	1	3	0	2	4	8
52	1	3	0	0	0	3	0	1	3	8
TOTAL	3025		2254		2861		2644		3477	

TABLE 4. GROWING DEGREE DAYS, BASE 50°,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	PENNSYLVANIA						RHODE ISLAND		VERMONT	
	Warren		Wellsboro		York		Kingston		Burlington	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	0	1	0	0	2	5	0	0	0	2
2	1	3	0	1	4	6	0	1	0	1
3	2	4	3	10	12	19	1	2	0	1
4	4	7	3	6	16	20	2	4	2	4
5	4	7	4	8	16	20	3	7	2	7
6	11	14	7	12	22	23	4	8	5	12
7	13	18	11	17	28	26	8	13	6	11
8	19	20	15	19	39	25	10	14	10	14
9	35	28	26	22	55	29	14	15	21	21
10	46	26	38	29	78	32	31	23	33	29
11	48	25	37	24	81	30	32	14	31	21
12	62	29	58	27	102	27	48	18	47	21
13	71	9	64	33	107	35	62	24	67	30
14	96	34	81	37	125	30	76	27	80	30
15	104	30	87	30	139	27	88	23	93	25
16	115	31	104	30	146	29	98	29	109	37
17	131	30	114	24	164	26	118	25	121	30
18	135	33	125	30	165	25	126	24	130	33
19	141	25	131	28	176	20	137	22	140	26
20	144	23	132	24	179	24	136	24	139	25
21	149	26	142	24	185	23	144	21	142	19
22	150	22	143	23	189	21	149	22	144	20
23	140	26	130	35	176	27	138	27	130	28
24	138	28	129	24	174	23	139	23	134	29
25	130	30	115	31	161	26	129	29	123	32
26	118	33	104	34	148	30	119	29	113	33
27	118	32	108	36	153	32	118	26	106	32
28	102	30	88	33	135	29	98	26	82	37
29	93	32	77	30	123	32	90	26	73	30
30	67	33	55	29	98	36	69	26	52	28
31	51	29	37	26	78	33	50	25	33	25
32	48	31	37	26	68	37	45	24	35	21
33	33	25	25	24	50	28	33	24	25	25
34	23	21	16	16	38	26	24	19	15	16
35	13	17	7	13	24	21	16	17	8	15
36	11	13	7	9	21	22	11	12	6	11
37	4	6	3	5	12	12	6	8	3	6
38	6	10	5	10	12	17	6	9	3	6
39	2	7	2	4	5	9	3	7	2	5
40	1	3	0	2	2	6	1	4	1	2
41	0	1	0	1	1	5	0	1	0	2
42	0	0	0	0	0	2	0	0	0	0
43	0	1	0	0	0	1	0	0	0	0
44	0	0	0	0	0	1	0	0	0	0
45	0	1	0	0	2	7	0	0	0	1
46	0	1	0	1	1	4	0	1	0	1
47	0	1	0	0	0	1	0	0	0	0
48	0	3	1	4	1	3	0	0	0	0
49	0	0	0	0	0	1	0	0	0	0
50	0	1	0	0	0	1	0	0	0	0
51	0	1	0	1	3	7	0	0	0	0
52	0	3	0	0	2	6	0	0	0	0
TOTAL	2579		2271		3518		2382		2266	

TABLE 4. GROWING DEGREE DAYS, BASE 50⁰,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	VERMONT								WEST VIRGINIA	
	Cornwall		Newport		Northfield		St. Johnsbury		Bayard	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	0	0	0	0	0	0	0	0	1	3
2	1	2	0	0	0	1	0	0	1	3
3	0	2	0	0	0	0	0	1	4	9
4	3	6	1	3	1	3	1	2	8	12
5	3	9	1	5	2	8	1	4	8	12
6	6	14	2	8	3	7	3	7	11	16
7	9	17	3	8	4	10	5	11	14	21
8	17	19	6	10	10	15	12	16	19	17
9	28	23	17	17	16	17	20	19	26	23
10	43	31	26	23	25	26	34	29	39	26
11	39	24	23	20	22	21	31	21	39	21
12	56	26	39	20	38	22	49	24	54	25
13	74	30	58	30	53	27	68	29	60	28
14	89	31	73	28	64	27	81	30	71	27
15	102	29	84	28	77	25	95	29	91	27
16	112	35	95	35	88	36	106	35	97	29
17	126	31	104	27	102	34	117	28	109	28
18	136	32	116	29	108	31	127	29	111	28
19	147	24	124	27	120	26	136	27	114	23
20	145	22	121	23	117	25	134	23	118	26
21	152	20	126	20	124	23	138	20	122	29
22	151	23	126	19	124	21	138	19	128	21
23	138	31	114	30	107	30	123	29	117	25
24	142	29	118	28	113	29	130	28	113	22
25	131	33	109	31	101	33	118	33	102	27
26	120	30	96	34	92	34	108	31	94	33
27	117	33	90	29	86	33	100	32	93	31
28	93	33	67	35	67	36	78	33	83	26
29	84	30	60	31	58	30	69	30	71	32
30	62	30	42	29	40	25	51	27	51	33
31	37	26	23	19	26	22	31	23	38	25
32	42	22	25	20	28	21	31	22	31	25
33	31	28	20	24	18	22	22	24	21	21
34	21	19	9	11	12	13	14	15	13	11
35	9	16	6	12	5	12	6	10	8	9
36	8	12	2	5	4	7	4	8	7	11
37	3	6	2	4	2	4	2	4	4	6
38	4	8	1	3	2	5	2	6	5	10
39	2	5	1	4	1	4	1	4	1	4
40	0	1	0	0	0	2	0	3	1	3
41	0	1	0	0	0	1	0	0	0	0
42	0	0	0	0	0	0	0	0	1	3
43	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0
45	0	0	0	1	0	1	0	0	1	4
46	0	0	0	1	0	1	0	0	1	3
47	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	1	5
51	0	0	0	0	0	0	0	0	1	3
52	0	0	0	0	0	0	0	0	0	0
Total	2483		1930		1860		2186		2103	

TABLE 4. GROWING DEGREE DAYS, BASE 50°,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	WEST VIRGINIA									
	Charleston		Clarksburg		Elkins		Fairmont		Flat Top	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	8	11	2	5	3	6	3	7	1	4
2	8	11	3	6	3	5	4	9	1	2
3	22	24	10	16	12	17	14	20	8	14
4	29	26	16	18	13	18	19	22	8	12
5	32	30	14	16	15	17	19	21	12	19
6	45	29	25	20	20	20	30	27	12	12
7	49	39	27	27	25	26	36	35	20	23
8	66	34	41	28	33	24	52	28	28	20
9	77	38	50	32	43	30	63	34	37	26
10	91	38	67	28	54	27	80	34	46	30
11	96	36	71	30	57	27	80	31	47	23
12	115	38	92	31	76	31	104	31	64	28
13	123	39	97	33	79	33	109	34	71	28
14	134	45	114	33	95	33	127	34	83	31
15	150	41	133	31	111	30	141	30	98	27
16	154	46	142	30	120	29	150	29	104	24
17	175	43	153	28	130	26	164	27	116	29
18	173	46	156	28	133	26	165	28	116	24
19	174	42	159	23	138	20	169	24	115	19
20	180	49	166	24	143	23	176	25	129	20
21	187	44	168	27	148	26	179	29	126	23
22	189	42	174	20	152	21	182	20	133	19
23	182	44	164	27	143	24	174	28	124	21
24	179	42	161	24	140	20	171	24	121	22
25	170	40	148	27	129	25	156	27	115	22
26	163	47	140	30	120	30	150	28	106	27
27	161	45	139	33	121	27	149	30	103	29
28	153	40	126	27	107	27	136	28	92	27
29	143	45	115	35	97	31	128	34	84	30
30	112	42	88	38	71	35	98	43	64	32
31	101	38	71	33	59	30	80	31	52	28
32	85	40	59	33	47	33	69	37	41	29
33	69	38	42	29	33	26	53	33	26	19
34	55	34	31	24	24	18	39	27	27	20
35	38	27	18	17	16	16	26	21	15	15
36	30	24	15	15	14	15	21	20	11	13
37	17	21	8	10	8	10	13	15	5	8
38	19	25	10	15	10	15	15	18	6	12
39	9	16	4	10	3	8	6	12	1	4
40	5	11	2	6	2	5	3	7	0	2
41	3	6	1	4	1	4	2	5	1	3
42	6	12	3	7	3	7	2	7	1	4
43	2	3	1	2	2	4	1	3	0	1
44	4	8	2	4	2	4	2	4	1	4
45	5	8	2	5	4	7	3	6	1	4
46	6	9	2	4	3	5	2	4	1	5
47	4	7	2	5	3	5	2	4	1	2
48	5	9	1	5	2	4	2	7	1	5
49	1	2	0	0	2	2	0	0	0	0
50	3	6	1	5	1	5	1	3	1	2
51	5	9	3	7	2	5	3	7	1	3
52	6	12	1	4	2	5	2	6	0	0
TOTAL	4018		3240		2774		3575		2377	

TABLE 4. GROWING DEGREE DAYS, BASE 50°,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	WEST VIRGINIA									
	Gary		Glenville		Huntington		Mannington		Martinsburg	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	5	9	5	10	12	14	3	7	3	5
2	5	7	6	10	9	12	3	6	2	5
3	15	21	19	22	28	29	12	16	12	18
4	21	20	22	23	32	30	15	19	16	20
5	22	24	22	16	36	30	16	17	16	18
6	35	24	38	28	49	32	24	21	24	25
7	39	31	41	36	55	40	27	27	28	28
8	49	28	59	31	71	34	40	25	41	28
9	59	30	71	32	83	37	51	31	56	33
10	78	29	88	29	96	38	65	27	73	37
11	81	31	87	30	101	35	68	28	82	33
12	102	26	112	29	122	37	88	30	101	37
13	106	32	117	35	129	39	93	31	111	39
14	118	29	137	29	146	42	110	30	126	41
15	136	29	148	31	160	41	125	28	140	40
16	146	24	157	27	166	42	134	28	145	42
17	157	24	170	24	182	42	145	26	167	42
18	160	23	173	29	182	43	148	27	172	41
19	161	20	175	21	182	43	151	20	175	41
20	167	23	182	21	192	43	155	23	181	42
21	171	21	185	27	192	45	159	24	193	32
22	175	16	189	19	198	43	164	19	191	43
23	170	20	181	26	186	45	156	23	180	44
24	166	21	180	24	184	43	153	23	173	41
25	159	21	168	25	173	44	139	25	162	41
26	145	28	159	24	165	44	131	32	149	42
27	146	28	160	27	167	44	130	30	150	44
28	136	26	143	26	158	42	116	25	131	37
29	125	30	136	33	143	44	106	32	119	38
30	99	36	103	38	123	42	79	35	93	41
31	84	35	88	35	104	34	64	29	76	34
32	71	34	76	38	89	42	55	34	63	39
33	52	30	61	30	71	33	41	28	53	31
34	42	29	46	28	59	34	29	21	40	26
35	26	20	30	22	42	26	19	16	24	20
36	21	20	22	20	33	27	14	16	20	18
37	12	15	15	18	21	20	10	10	11	12
38	13	18	18	25	22	27	10	16	12	16
39	5	10	7	14	7	12	4	9	4	9
40	2	7	4	9	5	10	2	5	2	5
41	1	4	3	6	5	10	1	3	2	5
42	5	9	5	12	6	12	2	7	1	2
43	1	3	1	4	4	7	1	3	0	0
44	3	6	3	7	6	11	1	4	0	0
45	3	7	4	8	7	10	3	6	2	6
46	4	8	4	8	5	10	2	4	2	5
47	4	7	4	8	6	9	2	5	1	2
48	4	10	3	9	7	11	2	6	2	6
49	0	0	0	0	1	2	0	0	0	0
50	2	5	2	6	5	9	1	6	0	0
51	4	7	6	10	8	11	3	6	2	6
52	3	6	5	10	8	12	2	5	2	4
TOTAL	3516		3840		4243		3074		3531	

TABLE 4. GROWING DEGREE DAYS, BASE 50°,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONT.)

CLIM. WEEK NO.	WEST VIRGINIA									
	Parkersburg		Piedmont		Pt. Pleasant		Spencer		Wheeling	
	Mean	S	Mean	S	Mean	S	Mean	S	Mean	S
1	5	9	2	5	8	12	7	11	1	3
2	7	11	2	5	7	10	7	11	2	6
3	20	23	10	18	23	26	19	22	7	11
4	22	24	13	18	26	25	23	22	14	19
5	24	22	15	19	33	32	24	24	12	16
6	33	27	23	22	40	28	34	26	19	22
7	39	38	26	27	43	37	39	35	26	31
8	54	30	41	27	61	32	54	31	35	27
9	68	35	51	31	74	36	63	34	49	31
10	83	35	68	31	89	36	77	31	63	33
11	86	29	70	31	90	31	81	28	63	31
12	110	32	91	29	113	39	102	29	90	33
13	116	34	98	32	117	39	107	35	97	34
14	136	33	111	33	136	41	121	35	118	36
15	148	30	129	28	148	46	135	33	130	38
16	158	29	130	28	158	41	146	33	143	30
17	173	27	147	27	170	40	158	28	153	32
18	175	26	153	27	173	43	160	29	158	28
19	178	21	159	19	176	40	164	22	167	26
20	184	24	161	26	183	40	172	25	166	28
21	188	28	170	24	187	46	176	27	175	30
22	192	20	175	21	191	40	179	24	178	26
23	181	26	164	26	184	44	171	26	169	28
24	178	23	160	21	179	41	169	23	168	30
25	165	25	149	27	164	42	155	28	154	30
26	159	30	135	29	159	42	147	30	145	34
27	159	30	140	33	158	44	147	33	146	34
28	145	28	124	26	146	41	136	27	132	27
29	135	36	115	33	136	47	126	36	121	32
30	105	38	89	36	108	43	96	40	94	36
31	88	35	67	31	90	36	83	34	72	33
32	77	39	59	32	82	41	71	37	65	35
33	60	33	43	28	65	35	54	30	48	33
34	46	28	32	24	51	31	43	29	33	27
35	32	24	21	18	35	25	29	23	19	18
36	24	21	15	14	25	22	25	22	16	16
37	16	16	8	11	18	18	17	16	7	11
38	18	24	10	15	18	24	19	22	9	14
39	6	13	4	8	6	10	7	13	3	7
40	3	6	1	4	4	7	5	9	2	5
41	3	7	1	3	3	6	3	7	1	3
42	3	7	1	3	4	8	5	10	0	0
43	2	5	0	0	2	4	2	5	0	0
44	3	7	0	0	4	8	3	8	1	3
45	5	9	0	0	4	7	5	9	1	4
46	4	7	1	6	5	8	4	7	0	0
47	3	7	0	0	4	8	3	7	0	0
48	4	8	0	0	5	9	4	9	1	4
49	7	1	0	0	1	2	1	2	0	0
50	3	7	0	0	3	6	2	7	0	0
51	6	9	2	6	6	10	5	11	1	5
52	4	7	1	4	5	9	4	8	1	5
TOTAL	3843		3187		3920		3589		3275	

TABLE 4. GROWING DEGREE DAYS, BASE 50⁰,
MARCH 1, 1926 - FEBRUARY 29, 1956 (CONCLUDED)

CLIM. WEEK NO.	WEST VIRGINIA			
	White Sulphur Springs		Williamson	
	Mean	S	Mean	S
1	3	7	8	10
2	2	6	9	10
3	11	17	22	26
4	15	18	31	29
5	18	24	33	30
6	23	20	45	26
7	32	27	53	41
8	42	22	67	33
9	53	29	77	31
10	70	31	98	34
11	73	28	103	34
12	96	29	126	29
13	97	32	131	33
14	110	28	147	30
15	130	30	162	32
16	137	30	170	25
17	147	27	186	25
18	151	28	189	24
19	153	20	187	21
20	159	23	198	21
21	163	27	198	25
22	164	21	203	21
23	158	23	193	33
24	152	23	187	26
25	145	21	178	32
26	132	26	169	34
27	134	28	171	32
28	118	24	160	29
29	107	31	148	31
30	80	36	120	35
31	68	38	105	34
32	56	31	91	39
33	37	22	69	35
34	31	23	57	35
35	19	20	38	27
36	15	17	30	26
37	7	10	18	17
38	7	11	19	24
39	2	5	7	11
40	1	3	3	6
41	1	4	2	5
42	1	4	6	12
43	0	0	2	5
44	1	2	4	9
45	2	6	4	8
46	1	3	6	11
47	1	2	5	8
48	2	7	5	10
49	0	0	1	2
50	0	0	2	7
51	1	3	6	9
52	1	4	6	10
TOTAL	3129		4255	