



**U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE**

HISTORICAL CLIMATOLOGY SERIES 5-1

**MONTHLY
STATE, REGIONAL AND NATIONAL
HEATING DEGREE DAYS
WEIGHTED BY POPULATION
(INCLUDES AREALLY WEIGHTED TEMPERATURE AND PRECIPITATION)**

PERIOD: July 1992 through June 1994

**NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING, ASHEVILLE, N.C.**

1. STATE POPULATION-WEIGHTED HEATING DEGREE DAYS (BASE 65 DEG F)

THIS TABULATION IS DESIGNED TO PROVIDE UP-TO-DATE HEATING FUEL DEMAND INFORMATION ON A STATE-WIDE BASIS. THE TOTAL MONTHLY SERIES, BY STATE, ARE AVAILABLE FOR THE PERIOD 1931/32 THROUGH 1991/92: HISTORICAL CLIMATOLOGY SERIES 5-1, "STATE REGIONAL AND NATIONAL MONTHLY AND SEASONAL HEATING DEGREE DAYS WEIGHTED BY POPULATION (1990 CENSUS), (JULY 1931 - JUNE 1992)."

THE STATE AVERAGE DEGREE DAY TOTALS FOR EACH MONTH ARE DERIVED FROM THE DIVISIONAL VALUES BY WEIGHTING EACH DIVISION BY ITS PERCENTAGE OF THE TOTAL STATE POPULATION AS ADDUCED FROM THE 1990 CENSUS DATA (BUREAU OF CENSUS, 1992). THE POPULATION WEIGHTING PROCEDURE ASSURES THAT DEGREE-DAY AVERAGES FOR THE STATES AS A WHOLE ARE BIASED TOWARD CONDITIONS EXISTING IN THE MORE POPULOUS SECTIONS OF THE STATES. DEGREE DAY DATA IN THIS TABULATION ARE PRESENTLY AVAILABLE FOR THE 48 CONTERMINOUS STATES WITH THE DISTRICT OF COLUMBIA TREATED AS PART OF MARYLAND.

THE INFORMATION IN THE TABLES IS SELF-EXPLANATORY AND IS DESIGNED TO ALLOW COMPARISON OF THE ENERGY DEMAND FOR THE CURRENT YEAR TO NORMAL AND TO CONDITIONS IN THE PREVIOUS YEAR.

INQUIRIES/COMMENTS CALL (704) 271-4800

FOR INFORMATION ABOUT THIS PUBLICATION WRITE TO THE:

NATIONAL CLIMATIC DATA CENTER
FEDERAL BUILDING
37 BATTERY PARK AVENUE
ASHEVILLE, N.C. 28801-2733

TO CHANGE YOUR ADDRESS, PLEASE RETURN A COPY OF THE MAILING LABEL ALONG WITH YOUR NEW ADDRESS TO: NATIONAL CLIMATIC DATA CENTER, SUBSCRIPTION SERVICES.

**NOTE : MONTHLY HEATING DEGREE DAY VALUES IN THIS PUBLICATION MAY DIFFER FROM THE HISTORICAL CLIMATOLOGY SERIES 5-1 DUE TO INTERNAL COMPUTER ROUNDING DIFFERENCES BETWEEN THE TWO PROGRAMS.

THE DATA PRESENTED IN THIS MONTHLY OPERATIONAL REPORT ARE PROVISIONAL AND SUBJECT TO CHANGE AND/OR CORRECTIONS WHICH ARE BASED ON LATER INFORMATION.

STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN												1994--BASE TEMP = 65 DEG F	
STATE :	1 ALABAMA												
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
92/93	0	0	9	170	393	584	557	561	454	216	40	0	
92/93	0	0	9	179	572	1156	1713	2274	2728	2944	2984	2984	
92/93	.0	.0	90.9	113.8	113.5	105.0	94.6	97.0	101.1	104.3	104.6	104.6	
93/94	0	0	10	156	418	639	784	457	339	89	51	0	
93/94	0	0	10	166	584	1223	2007	2464	2803	2892	2943	2943	
93/94	.0	.0	101.0	105.5	115.9	111.1	110.9	105.1	103.9	102.5	103.1	103.1	
STATE :	2 ARIZONA												
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
92/93	0	0	5	42	360	548	423	376	238	106	20	4	
92/93	0	0	5	47	407	955	1378	1754	1992	2098	2118	2122	
92/93	.0	.0	82.0	61.1	115.3	111.4	99.9	100.4	97.2	95.6	95.0	95.0	
93/94	0	0	7	62	316	484	465	398	213	104	27	1	
93/94	0	0	7	69	385	869	1334	1732	1945	2049	2076	2077	
93/94	.0	.0	114.8	89.7	109.1	101.3	96.7	99.1	94.9	93.4	93.1	93.0	
STATE :	3 ARKANSAS												
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
92/93	0	5	24	153	492	711	796	666	500	260	48	1	
92/93	0	5	29	182	674	1385	2181	2847	3347	3607	3655	3656	
92/93	.0	1000.0	161.1	104.4	114.7	105.8	101.8	103.0	105.1	108.3	108.7	108.6	
93/94	0	0	26	219	563	693	882	622	413	116	58	0	
93/94	0	0	26	245	808	1501	2383	3005	3418	3534	3592	3592	
93/94	.0	.0	144.4	140.5	137.5	114.6	111.3	108.7	107.3	106.1	106.8	106.7	
STATE :	4 CALIFORNIA												
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
92/93	4	2	17	68	284	546	514	414	255	196	95	33	
92/93	4	6	23	91	375	921	1435	1849	2104	2300	2395	2428	
92/93	44.0	38.0	49.5	58.3	80.1	96.4	99.0	101.3	95.6	93.4	91.8	91.2	
93/94	15	4	24	82	306	471	420	426	274	219	148	33	
93/94	15	19	43	125	431	902	1322	1748	2022	2241	2389	2422	
93/94	164.8	120.3	92.5	80.1	92.1	94.4	91.2	95.8	91.9	91.0	91.6	90.9	
STATE :	5 COLORADO												
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
92/93	61	84	194	482	1076	1312	1293	1122	877	671	376	172	
92/93	61	145	339	821	1897	3209	4502	5624	6501	7172	7548	7720	
92/93	274.8	199.7	112.5	97.3	109.1	109.6	107.9	108.6	106.3	106.3	105.9	106.3	
93/94	45	79	308	636	1063	1155	1154	1091	827	648	298	72	
93/94	45	124	432	1068	2131	3286	4440	5531	6358	7006	7304	7376	
93/94	202.7	170.8	143.4	126.6	122.6	112.2	106.4	106.8	104.0	103.8	102.5	101.5	

LINE 1 = HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 2 = ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 3 = {ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION) / ACCUMULATED NORMAL}*100
 PERCENTAGE OF 9999.9 => 10000

STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN										1994--BASE TEMP = 65 DLS F		
STATE :	6 CONNECTICUT											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	6	24	112	496	727	1028	1073	1138	962	498	169	27
92/93	6	30	142	638	1365	2393	3466	4604	5566	6064	6233	6260
92/93	428.6	215.8	118.5	122.4	114.2	106.4	100.4	102.8	104.3	103.5	102.4	102.2
93/94	0	1	100	468	700	1033	1400	1155	906	454	259	10
93/94	0	1	101	569	1269	2302	3702	4857	5763	6217	6476	6486
93/94	.0	7.2	84.3	109.2	106.2	102.4	107.3	108.4	108.0	106.1	106.4	105.9
STATE :	7 DELAWARE											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	0	0	35	356	530	819	831	927	784	375	76	0
92/93	0	0	35	391	921	1740	2571	3498	4282	4657	4733	4733
92/93	.0	.0	102.3	127.3	108.9	101.2	93.8	97.3	100.4	100.6	99.9	99.8
93/94	0	0	25	292	530	889	1181	904	706	213	167	0
93/94	0	0	25	317	847	1736	2917	3821	4527	4740	4907	4907
93/94	.0	.0	73.1	103.2	100.2	101.0	106.5	106.3	106.2	102.4	103.6	103.5
STATE :	8 FLORIDA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	0	0	0	11	40	140	119	178	103	33	0	0
92/93	0	0	0	11	51	191	310	488	591	624	624	624
92/93	.0	.0	.0	154.9	74.7	80.7	67.4	77.6	83.9	87.2	87.2	87.2
93/94	0	0	0	5	54	218	215	95	56	4	0	0
93/94	0	0	0	5	59	277	492	587	643	647	647	647
93/94	.0	.0	.0	70.4	86.4	117.0	106.9	93.3	91.2	90.4	90.4	90.4
STATE :	9 GEORGIA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	0	0	6	175	373	611	536	568	457	220	33	0
92/93	0	0	6	181	554	1165	1701	2269	2726	2946	2979	2979
92/93	.0	.0	62.5	117.3	111.1	106.6	95.1	97.8	101.9	105.0	104.9	104.8
93/94	0	0	4	143	388	643	775	449	317	86	56	0
93/94	0	0	4	147	535	1178	1953	2402	2719	2805	2861	2861
93/94	.0	.0	41.7	95.3	107.3	107.8	109.2	103.6	101.6	100.0	100.7	100.7
STATE :	10 IDAHO											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	45	31	220	438	986	1277	1358	1134	857	596	213	205
92/93	45	76	296	734	1720	2997	4355	5489	6346	6942	7155	7360
92/93	178.6	108.1	100.9	89.5	101.9	104.0	105.6	108.1	107.2	107.1	104.9	105.7
93/94	143	88	223	495	1057	1115	1038	996	702	469	239	119
93/94	143	231	454	949	2006	3121	4159	5155	5857	6326	6565	6684
93/94	567.5	328.6	154.7	115.8	118.9	108.4	100.9	101.5	99.0	97.6	96.2	96.0

LINE 1 = HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 2 = ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 3 = [ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION) / ACCUMULATED NORMAL]*100
 PERCENTAGE OF 9999.9 => 10000

STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN										1994--BASE TEMP = 65 DEG F		
STATE :	11 ILLINOIS											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	13	50	111	413	774	1105	1208	1114	938	537	166	43
92/93	13	63	174	587	1361	2466	3674	4788	5726	6263	6429	6472
92/93	590.9	366.3	180.9	126.3	114.8	105.2	99.8	100.6	102.4	103.8	103.3	103.5
93/94	0	7	168	440	790	1101	1496	1174	815	400	222	17
93/94	0	7	175	615	1405	2506	4002	5176	5991	6391	6613	6630
93/94	.0	40.7	181.9	132.3	118.5	106.9	108.7	108.7	107.1	105.9	106.2	106.0
STATE :	12 INDIANA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	9	44	105	409	694	1034	1096	1103	894	487	158	34
92/93	9	53	158	567	1261	2295	3391	4494	5388	5875	6033	6067
92/93	257.1	304.6	163.9	122.8	110.6	103.4	97.7	99.8	101.9	103.0	102.6	102.7
93/94	0	6	149	440	726	1058	1411	1074	808	382	241	11
93/94	0	6	155	595	1321	2379	3790	4864	5672	6054	6295	6306
93/94	.0	34.5	160.8	128.9	115.8	107.2	109.2	108.0	107.2	106.1	107.0	106.8
STATE :	13 IOWA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	35	73	151	440	941	1259	1445	1272	1042	590	209	58
92/93	35	108	259	699	1640	2899	4344	5616	6658	7248	7457	7515
92/93	603.4	391.3	184.9	126.4	119.3	108.4	105.0	105.9	107.2	108.7	108.7	109.0
93/94	11	16	225	475	911	1206	1680	1335	838	459	192	22
93/94	11	27	252	727	1638	2844	4524	5859	6697	7156	7348	7370
93/94	189.7	97.8	179.9	131.4	119.1	106.3	109.3	110.5	107.8	107.3	107.1	106.9
STATE :	14 KANSAS											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	6	25	51	255	758	1011	1194	979	726	429	129	16
92/93	6	31	82	337	1095	2106	3300	4279	5005	5434	5563	5579
92/93	428.6	492.1	141.1	107.6	116.5	107.9	107.1	108.4	109.0	111.4	111.7	111.8
93/94	1	1	106	330	760	899	1123	952	541	316	99	2
93/94	1	2	108	438	1198	2097	3220	4172	4713	5029	5128	5130
93/94	71.4	31.7	185.9	139.8	127.5	107.5	104.5	105.7	102.7	103.1	103.0	102.8
STATE :	15 KENTUCKY											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	0	10	55	313	561	876	847	860	704	350	102	9
92/93	0	10	65	378	939	1815	2662	3522	4226	4576	4678	4687
92/93	.0	1000.0	136.8	116.8	108.2	104.3	96.4	98.4	101.3	102.8	102.6	102.6
93/94	0	0	58	322	602	889	1178	759	626	215	177	0
93/94	0	0	58	380	982	1871	3049	3808	4434	4649	4826	4826
93/94	.0	.0	122.1	117.4	113.2	107.5	110.4	106.4	106.3	104.4	105.9	105.7

LINE 1 = HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 2 = ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 3 = [ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION) / ACCUMULATED NORMAL]*100
 PERCENTAGE OF 9999.9 => 10000

STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN											1994--BASE TEMP = 65 DEG F	
STATE :	16 LOUISIANA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	0	0	0	55	299	343	421	359	271	113	3	0
92/93	0	0	0	55	354	697	1118	1477	1748	1861	1864	1864
92/93	.0	.0	.0	91.1	133.7	103.0	93.5	94.1	98.0	102.0	102.1	102.1
93/94	0	0	0	58	293	440	549	323	204	33	3	0
93/94	0	0	0	58	351	791	1340	1663	1867	1900	1903	1903
93/94	.0	.0	.0	96.0	132.6	116.8	112.0	106.0	104.7	104.1	104.2	104.2
STATE :	17 MAINE											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	92	73	224	643	934	1230	1433	1510	1176	704	357	119
92/93	92	165	389	1032	1966	3196	4629	6139	7315	8019	8376	8495
92/93	282.2	172.6	117.8	116.8	112.6	104.7	102.3	106.0	106.5	105.8	105.3	105.3
93/94	32	40	231	680	874	1216	1753	1412	1096	713	443	63
93/94	32	72	303	983	1857	3073	4826	6238	7334	8047	8490	8553
93/94	98.2	75.3	91.7	111.2	106.4	100.6	106.7	107.8	106.7	106.2	106.7	106.0
STATE :	18 MARYLAND & D.C.											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	0	1	44	361	564	857	863	927	789	369	75	1
92/93	0	1	45	406	970	1827	2690	3617	4406	4775	4850	4851
92/93	.0	250.0	113.6	124.0	109.8	102.9	95.9	98.8	101.9	102.2	101.4	101.4
93/94	0	0	26	308	570	925	1214	884	709	190	168	0
93/94	0	0	26	334	904	1829	3043	3927	4636	4826	4994	4994
93/94	.0	.0	65.7	102.0	102.3	103.0	108.5	107.2	107.3	103.3	104.4	104.4
STATE :	19 MASSACHUSETTS											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	19	28	129	514	766	1041	1126	1193	1001	562	218	46
92/93	19	47	176	690	1456	2497	3623	4816	5817	6379	6597	6643
92/93	1000.0	256.8	122.4	122.3	115.6	107.0	101.9	104.4	105.6	104.9	103.9	103.7
93/94	0	5	117	490	699	1046	1424	1162	925	497	304	17
93/94	0	5	122	612	1311	2357	3781	4943	5868	6365	6669	6686
93/94	.0	27.3	84.8	108.5	104.1	101.0	106.3	107.2	106.5	104.7	105.0	104.4
STATE :	20 MICHIGAN											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	41	70	155	514	810	1062	1198	1202	1026	608	251	80
92/93	41	111	266	780	1590	2652	3850	5052	6078	6686	6937	7017
92/93	450.5	307.5	164.4	128.4	115.8	104.5	99.5	100.8	101.9	102.6	102.3	102.6
93/94	5	10	228	511	814	1139	1558	1270	958	507	311	39
93/94	5	15	243	754	1568	2707	4265	5535	6493	7000	7311	7350
93/94	54.9	41.6	150.2	124.1	114.2	106.7	110.2	110.4	108.8	107.4	107.9	107.5

LINE 1 = HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 2 = ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 3 = [ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION) / ACCUMULATED NORMAL]*100
 PERCENTAGE OF 9999.9 => 10000

STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN										1994--BASE TEMP = 65 DEG F			
STATE :	21 MINNESOTA												
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
92/93	105	98	236	603	1077	1478	1678	1425	1181	703	325	136	
92/93	105	203	439	1042	2119	3597	5275	6700	7881	8584	8909	9045	
92/93	464.6	278.8	149.9	122.8	113.4	105.3	102.5	102.5	102.7	103.4	103.6	104.1	
93/94	41	37	354	637	1118	1445	1999	1575	1034	642	241	58	
93/94	41	78	432	1069	2187	3632	5631	7206	8240	8882	9123	9181	
93/94	181.4	107.1	147.5	126.0	117.1	106.4	109.5	110.2	107.3	107.0	106.1	105.7	
STATE :	22 MISSISSIPPI												
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
92/93	0	0	6	125	384	516	543	504	398	184	23	0	
92/93	0	0	6	131	515	1031	1574	2078	2476	2660	2683	2683	
92/93	.0	.0	117.6	105.6	120.8	105.5	95.9	97.5	101.3	104.9	105.2	105.2	
93/94	0	0	5	129	395	579	732	447	307	67	26	0	
93/94	0	0	5	134	529	1108	1840	2287	2594	2661	2687	2687	
93/94	.0	.0	98.0	108.0	124.1	113.3	112.1	107.3	106.1	105.0	105.4	105.4	
STATE :	23 MISSOURI												
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
92/93	3	29	77	291	700	971	1127	993	783	422	124	15	
92/93	3	32	109	400	1100	2071	3198	4191	4974	5396	5520	5535	
92/93	333.3	438.4	171.4	116.0	114.6	104.8	102.1	103.7	105.7	107.9	107.9	107.9	
93/94	2	0	123	364	746	945	1241	950	632	310	150	5	
93/94	2	2	125	489	1235	2180	3421	4371	5003	5313	5463	5468	
93/94	222.2	27.4	196.5	141.9	128.7	110.3	109.2	108.2	106.4	106.3	106.8	106.6	
STATE :	24 MONTANA												
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
92/93	143	116	318	568	999	1467	1553	1332	886	653	305	253	
92/93	143	259	577	1145	2144	3611	5164	6496	7382	8035	8340	8593	
92/93	226.6	172.3	121.8	105.0	102.9	106.2	107.9	110.8	107.6	106.7	104.9	105.5	
93/94	228	163	356	623	1136	1133	1177	1262	838	603	320	185	
93/94	228	391	747	1370	2506	3639	4816	6078	6916	7519	7839	8024	
93/94	361.3	260.1	157.7	125.6	120.3	107.0	100.6	103.6	100.8	99.9	98.6	98.5	
STATE :	25 NEBRASKA												
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
92/93	36	52	118	402	946	1231	1458	1267	922	548	217	62	
92/93	36	88	206	608	1554	2785	4243	5510	6432	6980	7197	7259	
92/93	679.2	453.6	157.0	117.0	117.3	109.3	109.1	111.6	111.3	112.6	112.8	113.2	
93/94	15	15	202	449	944	1083	1390	1241	731	457	139	18	
93/94	15	30	232	681	1625	2708	4098	5339	6070	6527	6666	6684	
93/94	283.0	154.6	176.8	131.1	122.7	106.3	105.4	108.1	105.0	105.3	104.5	104.2	

LINE 1 = HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 2 = ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 3 = [ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION) / ACCUMULATED NORMAL]*100
 PERCENTAGE OF 9999.9 => 10000

STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN											1994--BASE TEMP = 65 DEG F	
STATE :	26 NEVADA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	6	5	52	175	607	911	914	689	407	298	107	73
92/93	6	11	63	238	845	1756	2670	3359	3766	4064	4171	4244
92/93	162.2	72.4	73.4	70.7	94.9	102.4	104.4	106.0	101.5	100.2	99.0	99.6
93/94	21	18	62	225	637	799	721	679	375	263	116	30
93/94	21	39	101	326	963	1762	2483	3162	3537	3800	3916	3946
93/94	567.6	256.6	117.7	96.9	108.2	102.7	97.1	99.8	95.4	93.7	93.0	92.6
STATE :	27 NEW HAMPSHIRE											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	52	65	194	634	909	1192	1292	1404	1104	606	273	77
92/93	52	117	311	945	1854	3046	4338	5742	6846	7452	7725	7802
92/93	351.4	180.8	114.3	117.4	113.0	104.9	100.4	103.8	104.5	103.5	102.8	102.7
93/94	4	27	196	613	836	1183	1657	1335	1044	610	358	27
93/94	4	31	227	840	1676	2859	4516	5851	6895	7505	7863	7890
93/94	27.0	47.9	83.5	104.4	102.1	98.5	104.5	105.8	105.2	104.2	104.6	103.9
STATE :	28 NEW JERSEY											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	0	8	67	439	633	926	925	1033	880	433	125	8
92/93	0	8	75	514	1147	2073	2998	4031	4911	5344	5469	5477
92/93	.0	400.0	111.4	126.7	113.3	105.0	97.0	99.8	102.2	101.8	101.0	100.9
93/94	0	0	63	392	635	965	1288	1029	818	341	208	0
93/94	0	0	63	455	1090	2055	3343	4372	5190	5531	5739	5739
93/94	.0	.0	93.6	112.2	107.7	104.0	108.1	108.2	108.0	105.4	106.0	105.7
STATE :	29 NEW MEXICO											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	7	12	52	239	786	994	832	699	574	336	142	28
92/93	7	19	71	310	1096	2090	2922	3621	4195	4531	4673	4701
92/93	225.8	162.4	92.6	82.1	108.9	109.3	102.3	101.3	100.3	99.8	99.7	99.7
93/94	2	9	76	350	720	906	903	749	543	334	124	8
93/94	2	11	87	437	1157	2063	2966	3715	4258	4592	4716	4724
93/94	64.5	94.0	113.4	115.8	115.0	107.9	103.9	103.9	101.8	101.2	100.6	100.2
STATE :	30 NEW YORK											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	17	25	97	465	686	979	1037	1143	966	501	185	36
92/93	17	42	139	604	1290	2269	3306	4449	5415	5916	6101	6137
92/93	369.6	224.6	125.3	126.6	114.6	105.7	99.3	102.3	104.1	103.6	103.0	103.0
93/94	2	8	106	427	675	1027	1388	1135	915	448	269	15
93/94	2	10	116	543	1218	2245	3633	4768	5683	6131	6400	6415
93/94	43.5	53.5	104.6	113.8	108.2	104.6	109.2	109.6	109.3	107.4	108.0	107.6

LINE 1 = HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 2 = ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 3 = [ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION) / ACCUMULATED NORMAL]*100
 PERCENTAGE OF 9999.9 => 10000

STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN												1994--BASE TEMP = 65 DEG F
STATE :	31 NORTH CAROLINA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	0	1	14	253	406	708	667	687	559	267	40	1
92/93	0	1	15	268	674	1382	2049	2736	3295	3562	3602	3603
92/93	.0	9999.9	82.0	121.9	105.8	103.6	95.9	98.5	101.7	103.7	103.3	103.2
93/94	0	0	7	210	432	766	881	605	423	128	98	1
93/94	0	0	7	217	649	1415	2296	2901	3324	3452	3550	3551
93/94	.0	.0	38.3	98.7	101.9	106.1	107.5	104.4	102.6	100.5	101.8	101.7
STATE :	32 NORTH DAKOTA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	134	118	308	654	1166	1734	1844	1558	1166	702	338	198
92/93	134	252	560	1214	2380	4114	5958	7516	8682	9384	9722	9920
92/93	412.3	267.5	151.5	122.5	112.2	109.3	107.0	107.1	105.4	105.1	104.9	105.7
93/94	116	86	370	712	1216	1526	2108	1751	1074	690	262	107
93/94	116	202	572	1284	2500	4026	6134	7885	8959	9649	9911	10018
93/94	356.9	214.4	154.7	129.6	117.9	107.0	110.1	112.3	108.8	108.1	107.0	106.8
STATE :	33 OHIO											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	5	38	110	456	680	989	1028	1094	921	488	190	37
92/93	5	43	153	609	1289	2278	3306	4400	5321	5809	5999	6036
92/93	125.0	257.5	141.4	125.4	111.1	103.1	96.5	98.9	101.3	101.9	101.7	101.7
93/94	0	3	125	439	706	1055	1414	1060	858	399	292	15
93/94	0	3	128	567	1273	2328	3742	4802	5660	6059	6351	6366
93/94	.0	18.0	118.3	116.7	109.7	105.4	109.2	107.9	107.8	106.2	107.7	107.3
STATE :	34 OKLAHOMA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	0	7	21	137	534	745	882	714	524	253	52	0
92/93	0	7	28	165	699	1444	2326	3040	3564	3817	3869	3869
92/93	.0	7000.0	142.1	99.4	114.1	103.3	101.6	103.1	104.8	107.2	107.7	107.7
93/94	0	0	36	234	600	694	886	724	390	162	45	0
93/94	0	0	36	270	870	1564	2450	3174	3564	3726	3771	3771
93/94	.0	.0	182.7	162.7	142.0	111.9	107.1	107.6	104.8	104.7	105.0	104.9
STATE :	35 OREGON											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	37	34	152	334	623	862	949	758	551	470	217	179
92/93	37	71	223	557	1180	2042	2991	3749	4300	4770	4987	5166
92/93	58.1	55.1	77.7	82.5	90.5	96.1	101.0	103.8	101.5	100.8	98.5	98.8
93/94	134	65	120	305	790	816	713	714	535	413	250	180
93/94	134	199	319	624	1414	2230	2943	3657	4192	4605	4855	5035
93/94	210.4	154.5	111.1	92.4	108.4	105.0	99.4	101.3	98.9	97.4	95.8	96.3

LINE 1 = HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 2 = ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 3 = [ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION) / ACCUMULATED NORMAL]*100
 PERCENTAGE OF 9999.9 => 10000

STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN										1994--BASE TEMP = 65 DEG F			
STATE :	36 PENNSYLVANIA												
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
92/93	7	35	113	502	688	1009	1004	1094	941	481	167	33	
92/93	7	42	155	657	1345	2354	3358	4452	5393	5874	6041	6074	
92/93	118.6	202.9	129.2	128.8	114.0	106.5	98.9	101.1	103.4	103.3	102.6	102.6	
93/94	1	6	110	445	693	1046	1393	1082	905	372	284	12	
93/94	1	7	117	562	1255	2301	3694	4776	5681	6053	6337	6349	
93/94	16.9	33.8	97.5	110.2	106.3	104.1	108.7	108.4	108.9	106.4	107.7	107.2	
STATE :	37 RHODE ISLAND												
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
92/93	13	24	104	449	678	954	1041	1103	936	537	208	41	
92/93	13	37	141	590	1268	2222	3263	4366	5302	5839	6047	6088	
92/93	812.5	272.1	127.5	123.4	114.0	105.7	100.9	103.4	104.5	103.8	102.7	102.5	
93/94	0	6	80	421	635	976	1295	1086	858	480	322	22	
93/94	0	6	86	507	1142	2118	3413	4499	5357	5837	6159	6181	
93/94	.0	44.1	77.8	106.0	102.7	100.8	105.5	106.5	105.6	103.8	104.6	104.0	
STATE :	38 SOUTH CAROLINA												
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
92/93	0	1	4	184	323	612	544	566	451	205	20	1	
92/93	0	1	5	189	512	1124	1668	2234	2685	2890	2910	2911	
92/93	.0	500.0	92.6	132.4	108.0	106.1	95.6	98.3	102.3	105.3	105.1	105.2	
93/94	0	0	1	134	348	650	756	473	295	78	44	0	
93/94	0	0	1	135	483	1133	1889	2362	2657	2735	2779	2779	
93/94	.0	.0	18.5	94.5	101.9	106.9	108.2	103.9	101.2	99.7	100.4	100.4	
STATE :	39 SOUTH DAKOTA												
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
92/93	102	87	185	510	1045	1437	1586	1412	1035	634	282	142	
92/93	102	189	374	884	1929	3366	4952	6364	7399	8033	8315	8457	
92/93	600.0	432.5	173.0	125.8	117.2	111.0	108.9	110.8	109.8	110.3	110.3	111.1	
93/94	58	42	286	559	1078	1276	1707	1452	880	572	185	61	
93/94	58	100	386	945	2023	3299	5006	6458	7338	7910	8095	8156	
93/94	341.2	228.8	178.5	134.4	122.9	108.8	110.1	112.4	108.9	108.6	107.4	107.1	
STATE :	40 TENNESSEE												
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
92/93	0	4	32	273	512	793	752	747	620	305	78	0	
92/93	0	4	36	309	821	1614	2366	3113	3733	4038	4116	4116	
92/93	.0	1333.3	112.9	113.2	108.1	104.2	96.0	97.6	100.9	102.9	102.9	102.8	
93/94	0	0	35	266	558	792	1024	653	526	166	141	0	
93/94	0	0	35	301	859	1651	2675	3328	3854	4020	4161	4161	
93/94	.0	.0	109.7	110.3	113.1	106.6	108.5	104.4	104.1	102.5	104.0	103.9	

LINE 1 = HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 2 = ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 3 = [ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION) / ACCUMULATED NORMAL]*100
 PERCENTAGE OF 9999.9 => 10000

STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN												1994--BASE TEMP = 65 D. F
STATE :	41 TEXAS											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	0	0	1	40	330	424	537	385	267	102	7	0
92/93	0	0	1	41	371	795	1332	1717	1984	2086	2093	2093
92/93	.0	.0	43.5	68.6	125.2	103.2	99.7	98.8	100.3	102.5	102.6	102.6
93/94	0	0	2	78	364	426	516	405	215	62	7	0
93/94	0	0	2	80	444	870	1386	1791	2006	2068	2075	2075
93/94	.0	.0	87.0	133.8	149.8	112.9	103.8	103.1	101.4	101.6	101.7	101.7
STATE :	42 UTAH											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	6	3	117	347	976	1241	1271	1060	759	542	187	147
92/93	6	9	126	473	1449	2690	3961	5021	5780	6322	6509	6656
92/93	206.9	76.3	78.5	77.7	102.4	104.6	104.4	105.9	104.2	104.0	102.3	103.2
93/94	28	17	144	466	958	1116	973	928	657	445	172	31
93/94	28	45	189	655	1613	2729	3702	4630	5287	5732	5904	5935
93/94	965.5	381.4	117.8	107.6	114.0	106.1	97.6	97.6	95.3	94.3	92.8	92.0
STATE :	43 VERMONT											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	81	86	223	687	934	1235	1369	1535	1207	660	329	119
92/93	81	167	390	1077	2011	3246	4615	6150	7357	8017	8346	8465
92/93	364.9	199.3	127.6	125.9	117.0	107.0	102.0	105.9	106.7	106.0	105.8	106.2
93/94	22	41	253	662	912	1310	1824	1450	1149	681	403	48
93/94	22	63	316	978	1890	3200	5024	6474	7623	8304	8707	8755
93/94	99.1	75.2	103.4	114.4	109.9	105.5	111.1	111.4	110.6	109.8	110.4	109.8
STATE :	44 VIRGINIA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	0	4	40	338	524	833	802	836	720	342	73	7
92/93	0	4	44	382	906	1739	2541	3377	4097	4439	4512	4519
92/93	.0	400.0	107.3	122.8	109.7	105.2	97.4	99.4	102.6	103.3	102.7	102.6
93/94	0	0	28	301	531	899	1099	779	607	193	175	1
93/94	0	0	28	329	860	1759	2858	3637	4244	4437	4612	4613
93/94	.0	.0	68.3	105.8	104.1	106.4	109.6	107.1	106.3	103.3	105.0	104.8
STATE :	45 WASHINGTON											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	58	54	218	398	674	945	1026	787	631	474	180	161
92/93	58	112	330	728	1402	2347	3373	4160	4791	5265	5445	5606
92/93	74.3	72.0	94.8	91.6	94.7	99.4	103.3	104.9	103.4	102.5	99.6	99.5
93/94	134	73	164	362	812	842	718	776	582	402	252	173
93/94	134	207	371	733	1545	2387	3105	3881	4463	4865	5117	5290
93/94	171.6	133.1	106.5	92.3	104.4	101.1	95.1	97.8	96.3	94.7	93.6	93.9

LINE 1 = HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 2 = ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 3 = [ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION) / ACCUMULATED NORMAL]*100
 PERCENTAGE OF 9999.9 => 10000

STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU JUN												1994--BASE TEMP = 65 DEG F
STATE :	46 WEST VIRGINIA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	2	24	79	425	610	948	875	952	842	430	150	30
92/93	2	26	105	530	1140	2088	2963	3915	4757	5187	5337	5367
92/93	57.1	222.2	115.3	118.9	106.9	103.9	95.7	97.8	101.3	102.1	101.8	101.8
93/94	0	2	71	398	642	982	1270	871	754	306	279	10
93/94	0	2	73	471	1113	2095	3365	4236	4990	5296	5575	5585
93/94	.0	17.1	80.1	105.7	104.4	104.2	108.6	105.8	106.3	104.3	106.4	105.9
STATE :	47 WISCONSIN											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	67	90	203	553	945	1270	1409	1268	1083	709	296	123
92/93	67	157	360	913	1858	3128	4537	5805	6888	7597	7893	8016
92/93	462.1	296.2	168.5	130.2	118.1	107.3	102.2	102.1	102.6	104.0	103.9	104.4
93/94	19	22	295	568	936	1242	1767	1418	987	578	299	54
93/94	19	41	336	904	1840	3082	4849	6267	7254	7832	8131	8185
93/94	131.0	77.4	157.3	129.0	117.0	105.8	109.3	110.2	108.1	107.2	107.0	106.6
STATE :	48 WYOMING											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	100	85	258	548	1111	1468	1480	1369	979	718	374	259
92/93	100	185	443	991	2102	3570	5050	6419	7398	8116	8490	8749
92/93	267.4	182.1	113.8	99.4	105.9	108.3	108.3	111.3	109.1	108.6	107.4	108.3
93/94	142	111	345	667	1167	1227	1213	1218	867	652	286	124
93/94	142	253	598	1265	2432	3659	4872	6090	6957	7609	7895	8019
93/94	379.7	249.0	153.6	126.9	122.5	111.0	104.5	105.6	102.6	101.8	99.9	99.2

LINE 1 = HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 2 = ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)
 LINE 3 = [ACCUMULATED HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION) / ACCUMULATED NORMAL]*100
 PERCENTAGE OF 9999.9 => 10000

2. REGIONAL POPULATION-WEIGHTED HEATING DEGREE DAYS

THE NATION WAS DIVIDED INTO NINE CENSUS REGIONS AS DEFINED AND USED BY THE BUREAU OF THE CENSUS. THE REGIONS AND STATES THEY COMPRISE ARE LISTED ON THE NEXT PAGE. THE POPULATION WEIGHTS USED TO PRODUCE MONTHLY AND REGIONAL DEGREE DAY TOTALS ARE ALSO SHOWN. THESE WEIGHTS WERE OBTAINED BY DIVIDING EACH STATE'S POPULATION BY THE TOTAL REGIONAL POPULATION.

A PARTICULAR REGIONAL MONTHLY DEGREE DAY VALUE WAS OBTAINED BY MULTIPLYING THE CORRESPONDING STATE DEGREE DAY TOTALS WITHIN A REGION BY THE APPROPRIATE WEIGHT AND ADDING ALL THE PRODUCTS. SEASONAL VALUES ARE OBTAINED BY SUMMING THE MONTHLY TOTALS.

MONTHLY AND SEASONAL DEGREE DAY TOTALS FOR THE NINE CENSUS REGIONS ARE PRESENTED IN THE TABLES FOLLOWING THE WEIGHTS.

2.2 STATE POPULATION-WEIGHTS (1990 CENSUS) FOR THE CENSUS REGIONS OF THE UNITED STATES

01	NEW ENGLAND		04	WEST NORTH CENTRAL		07	WEST SOUTH CENTRAL	
01	CONNECTICUT	.24890	01	IOWA	.15720	01	ARKANSAS	.08810
02	MAINE	.09300	02	KANSAS	.14030	02	LOUISIANA	.15800
03	MASSACHUSETTS	.45550	03	MINNESOTA	.24770	03	OKLAHOMA	.11780
04	NEW HAMPSHIRE	.08400	04	MISSOURI	.28980	04	TEXAS	.63610
05	RHODE ISLAND	.07600	05	NEBRASKA	.08940			
06	VERMONT	.04260	06	NORTH DAKOTA	.03620	08	MOUNTAIN	
			07	SOUTH DAKOTA	.03940			
02	MIDDLE ATLANTIC		05	SOUTH ATLANTIC		01	ARIZONA	.26830
01	NEW JERSEY	.20560	01	DELAWARE	.01530	02	COLORADO	.24120
02	NEW YORK	.47840	02	FLORIDA	.29700	03	IDAHO	.07370
03	PENNSYLVANIA	.31600	03	GEORGIA	.14870	04	MONTANA	.05860
03	EAST NORTH CENTRAL		04	MARYLAND AND D.C.	.12370	05	NEVADA	.08800
01	ILLINOIS	.27210	05	NORTH CAROLINA	.15210	06	NEW MEXICO	.11090
02	INDIANA	.13200	06	SOUTH CAROLINA	.08000	07	UTAH	.12610
03	MICHIGAN	.22130	07	VIRGINIA	.14200	08	WYOMING	.03320
04	OHIO	.25820	08	WEST VIRGINIA	.04120	09	PACIFIC (AK,HI OMITTED)	
05	WISCONSIN	.11640	06	EAST SOUTH CENTRAL		01	CALIFORNIA	.79420
			01	ALABAMA	.26620	02	OREGON	.07590
			02	KENTUCKY	.24280	03	WASHINGTON	.12990
			03	MISSISSIPPI	.16960			
			04	TENNESSEE	.32140			

REGIONAL HEATING DEGREE DAYS (STATES WEIGHTED BY 1990 POPULATION), THRU JUN												1994--BASE TEMP = 65 DEG F
REGION :	1 NEW ENGLAND											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	28	36	141	534	784	1070	1159	1234	1020	565	227	53
92/93	28	64	205	739	1523	2593	3752	4986	6006	6571	6798	6851
92/93	417.9	206.5	120.1	121.2	114.6	106.3	101.4	104.1	105.2	104.5	103.6	103.5
93/94	4	11	133	515	731	1076	1475	1205	951	522	316	22
93/94	4	15	148	663	1394	2470	3945	5150	6101	6623	6939	6961
93/94	59.7	48.4	86.7	108.8	104.9	101.2	106.6	107.6	106.9	105.3	105.7	105.1
REGION :	2 MIDDLE ATLANTIC											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	10	25	96	471	676	978	1004	1105	940	481	167	29
92/93	10	35	131	602	1278	2256	3260	4365	5305	5786	5953	5982
92/93	243.9	218.8	124.8	127.3	114.1	105.9	98.7	101.4	103.5	103.2	102.5	102.4
93/94	1	6	98	425	672	1020	1369	1096	892	402	261	11
93/94	1	7	105	530	1202	2222	3591	4687	5579	5981	6242	6253
93/94	24.4	43.8	100.0	112.1	107.4	104.3	108.8	108.9	108.9	106.7	107.5	107.1
REGION :	3 E. N. CENTRAL											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	23	55	130	462	767	1075	1168	1145	964	553	205	58
92/93	23	78	208	670	1437	2512	3680	4825	5789	6342	6547	6605
92/93	396.6	305.9	163.1	126.7	114.1	104.6	99.0	100.3	102.0	102.9	102.7	102.9
93/94	3	8	182	470	782	1108	1509	1181	877	442	271	25
93/94	3	11	193	663	1445	2553	4062	5243	6120	6562	6833	6858
93/94	51.7	43.1	151.4	125.3	114.7	106.3	109.3	109.0	107.8	106.5	107.1	106.8
REGION :	4 W. N. CENTRAL											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	45	60	141	418	892	1217	1397	1203	951	549	210	68
92/93	45	105	246	664	1556	2773	4170	5373	6324	6873	7083	7151
92/93	478.7	324.1	158.8	120.5	115.3	106.8	104.4	105.3	106.0	107.3	107.4	107.8
93/94	20	18	216	472	914	1150	1544	1240	786	454	176	27
93/94	20	38	254	726	1640	2790	4334	5574	6360	6814	6990	7017
93/94	212.8	117.3	164.0	131.7	121.6	107.5	108.5	109.3	106.6	106.4	106.0	105.8
REGION :	5 SOUTH ATLANTIC											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	0	2	18	198	332	565	529	574	466	217	40	3
92/93	0	2	20	218	550	1115	1644	2218	2684	2901	2941	2944
92/93	.0	285.7	101.0	122.6	107.2	102.9	93.7	96.8	100.5	102.1	101.7	101.7
93/94	0	0	12	167	348	625	750	495	367	106	86	1
93/94	0	0	12	179	527	1152	1902	2397	2764	2870	2956	2957
93/94	.0	.0	60.6	100.7	102.7	106.3	108.4	104.6	103.5	101.1	102.2	102.1

LINE 1 = HEATING DEGREE DAYS (STATES WEIGHTED BY 1990 POPULATION)
 LINE 2 = ACCUMULATED HEATING DEGREE DAYS (STATES WEIGHTED BY 1990 POPULATION)
 LINE 3 = [ACCUMULATED HEATING DEGREE DAYS (STATES WEIGHTED BY 1990 POPULATION) / ACCUMULATED NORMAL]*100
 PERCENTAGE OF 9999.9 => 10000

REGIONAL HEATING DEGREE DAYS (STATES WEIGHTED BY 1990 POPULATION), THRU JUN												1994--BASE TEMP = 65 DEG F
REGION :	6 E. S. CENTRAL		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
SEASON	JUL	AUG										
92/93	0	4	27	230	471	711	688	684	559	272	64	2
92/93	0	4	31	261	732	1443	2131	2815	3374	3646	3710	3712
92/93	.0	1000.0	121.6	113.7	110.6	104.6	95.8	97.7	101.1	103.5	103.5	103.4
93/94	0	0	29	227	504	739	948	592	463	141	106	0
93/94	0	0	29	256	760	1499	2447	3039	3502	3643	3749	3749
93/94	.0	.0	113.7	111.5	114.9	108.6	110.1	105.5	105.0	103.4	104.6	104.5
REGION :	7 W. S. CENTRAL		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
SEASON	JUL	AUG										
92/93	0	1	5	64	363	474	582	444	318	135	15	0
92/93	0	1	6	70	433	907	1489	1933	2251	2386	2401	2401
92/93	.0	500.0	107.1	84.6	122.1	103.4	99.5	99.4	101.4	103.9	104.1	104.1
93/94	0	0	8	106	398	483	597	449	251	74	15	0
93/94	0	0	8	114	512	995	1592	2041	2292	2366	2381	2381
93/94	.0	.0	142.9	137.8	144.4	113.4	106.3	105.0	103.2	103.0	103.3	103.3
REGION :	8 MOUNTAIN		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
SEASON	JUL	AUG										
92/93	32	34	117	297	788	1039	999	850	618	428	191	109
92/93	32	66	183	480	1268	2307	3306	4156	4774	5202	5393	5502
92/93	244.3	168.8	105.7	90.5	106.1	107.6	105.4	106.5	104.3	103.8	102.9	103.4
93/94	45	44	157	383	781	909	875	818	562	392	171	49
93/94	45	89	246	629	1410	2319	3194	4012	4574	4966	5137	5186
93/94	343.5	227.6	142.1	118.7	118.0	108.1	101.8	102.8	99.9	99.1	98.0	97.5
REGION :	9 PACIFIC		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
SEASON	JUL	AUG										
92/93	14	11	53	131	360	622	614	489	326	253	115	61
92/93	14	25	78	209	569	1191	1805	2294	2620	2873	2988	3049
92/93	62.8	58.5	74.9	75.0	85.8	97.0	100.2	102.4	98.1	96.3	94.4	94.0
93/94	39	18	49	135	408	545	481	493	334	257	169	62
93/94	39	57	106	241	649	1194	1675	2168	2502	2759	2928	2990
93/94	174.9	133.5	101.7	86.5	97.9	97.3	93.0	96.8	93.7	92.5	92.5	92.1

LINE 1 = HEATING DEGREE DAYS (STATES WEIGHTED BY 1990 POPULATION)
 LINE 2 = ACCUMULATED HEATING DEGREE DAYS (STATES WEIGHTED BY 1990 POPULATION)
 LINE 3 = [ACCUMULATED HEATING DEGREE DAYS (STATES WEIGHTED BY 1990 POPULATION) / ACCUMULATED NORMAL]*100
 PERCENTAGE OF 9999.9 => 10000

3. NATIONAL POPULATION-WEIGHTED HEATING DEGREE DAYS

THE NATIONAL DEGREE DAY TOTALS WERE DERIVED BY POPULATION WEIGHTING THE DEGREE DAY VALUES FOR THE NINE CENSUS REGIONS. THE WEIGHTS USED TO DERIVE THE NATIONAL MONTHLY DEGREE DAY VALUES ARE GIVEN BELOW:

3.2 REGIONAL POPULATION WEIGHTS OF THE CONTERMINOUS UNITED STATES

01 NEW ENGLAND	.05350
02 MIDDLE ATLANTIC	.15220
03 EAST NORTH CENTRAL	.17000
04 WEST NORTH CENTRAL	.07150
05 SOUTH ATLANTIC	.17630
06 EAST SOUTH CENTRAL	.06140
07 WEST SOUTH CENTRAL	.10810
08 MOUNTAIN	.05530
09 PACIFIC	.15170

MONTHLY AND SEASONAL DEGREE TOTALS FOR THE CONTERMINOUS UNITED STATES ARE SHOWN IN THE FOLLOWING TABLE.

NATIONAL HEATING DEGREE DAYS (REGIONS WEIGHTED BY 1990 POPULATION), THRU JUN									1994--BASE TEMP = 65 DEG F			
REGION :	11 NATIONAL											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
92/93	14	24	74	301	564	822	860	827	664	368	128	38
92/93	14	38	112	413	977	1799	2659	3486	4150	4518	4646	4684
92/93	205.9	193.9	126.0	114.8	110.0	104.3	99.5	101.3	102.4	102.9	102.3	102.4
93/94	11	9	89	302	580	824	1031	813	594	293	174	21
93/94	11	20	109	411	991	1815	2846	3659	4253	4546	4720	4741
93/94	161.8	102.0	122.6	114.2	111.6	105.3	106.5	106.4	105.0	103.6	104.0	103.6

LINE 1 = HEATING DEGREE DAYS (REGIONS WEIGHTED BY 1990 POPULATION)
 LINE 2 = ACCUMULATED HEATING DEGREE DAYS (REGIONS WEIGHTED BY 1990 POPULATION)
 LINE 3 = [ACCUMULATED HEATING DEGREE DAYS (REGIONS WEIGHTED BY 1990 POPULATION) / ACCUMULATED NORMAL]*100
 PERCENTAGE OF 9999.9 => 10000

REFERENCES

THOM, H.C.S., 1954A: THE RATIONAL RELATIONSHIP BETWEEN HEATING DEGREE DAYS AND TEMPERATURE. "MONTHLY WEATHER REVIEW", VOL 82, NO. 1, 1-6.

THOM, H.C.S., 1954B: NORMAL DEGREE DAYS BELOW ANY BASE. "MONTHLY WEATHER REVIEW", VOL 82, NO. 5, 111-115.

THOM, H.C.S., 1966: NORMAL DEGREE DAYS ABOVE ANY BASE BY THE UNIVERSAL TRUNCATION COEFFICIENT. "MONTHLY WEATHER REVIEW", VOL 94, NO. 7, 461-465.

U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS, 1992: "1990 CENSUS OF POPULATION, GENERAL POPULATION CHARACTERISTICS", SERIES CT-1 (ALABAMA THROUGH WYOMING AND U.S. SUMMARY).