



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

HISTORICAL CLIMATOLOGY SERIES 5-2

MONTHLY
STATE, REGIONAL, AND NATIONAL
COOLING DEGREE DAYS
WEIGHTED BY POPULATION
(INCLUDES AERIALY WEIGHTED TEMPERATURE AND PRECIPITATION)

PERIOD: JANUARY 1998 THROUGH DECEMBER 1999

DATE PUBLISHED: MAY 2000

**NATIONAL CLIMATIC DATA CENTER
151 PATTON AVENUE
ASHEVILLE, NC 28801-5001**

1. STATE POPULATION-WEIGHTED COOLING 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 THROUGH 1991: HISTORICAL CLIMATOLOGY SERIES 5-2, "STATE REGIONAL AND NATIONAL MONTHLY AND SEASONAL HEATING DEGREE DAYS WEIGHTED BY POPULATION (1990 CENSUS), (JANUARY 1931 - DECEMBER 1991)."

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.

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**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 COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC												1999--BASE TEMP = 65 DEG F	
STATE :	1 ALABAMA												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	21	6	14	29	257	450	510	455	369	129	24	14	
1998	21	27	41	70	327	777	1287	1742	2111	2240	2264	2278	
1998	160.3	137.8	88.2	71.9	118.3	125.2	121.0	117.1	120.1	121.9	122.4	122.7	
1999	27	14	13	102	163	341	479	517	259	81	14	3	
1999	27	41	54	156	319	660	1139	1656	1915	1996	2010	2013	
1999	206.1	209.2	116.1	160.3	115.5	106.3	107.1	111.4	109.0	108.6	108.7	108.5	
STATE :	2 ARIZONA												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	0	0	19	51	197	416	701	689	493	163	15	0	
1998	0	0	19	70	267	683	1384	2073	2566	2729	2744	2744	
1998	.0	.0	54.1	52.2	70.2	78.8	91.2	98.4	102.0	101.8	101.8	101.8	
1999	4	13	43	57	257	506	615	628	473	257	57	0	
1999	4	17	60	117	374	880	1495	2123	2596	2853	2910	2910	
1999	666.7	226.7	170.9	87.2	98.4	101.6	98.5	100.8	103.2	106.5	108.0	108.0	
STATE :	3 ARKANSAS												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	4	1	9	24	254	454	598	504	394	86	2	0	
1998	4	5	14	38	292	746	1344	1848	2242	2328	2330	2330	
1998	444.4	250.0	64.8	58.8	130.0	130.6	127.6	123.9	129.0	129.4	129.4	129.4	
1999	2	6	8	59	140	348	522	513	232	59	10	0	
1999	2	8	16	75	215	563	1085	1598	1830	1889	1899	1899	
1999	222.2	400.0	74.1	116.1	95.7	98.5	103.0	107.1	105.3	105.0	105.5	105.4	
STATE :	4 CALIFORNIA												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	3	0	5	6	13	72	244	316	147	29	4	0	
1998	3	3	8	14	27	99	343	659	806	835	839	839	
1998	187.5	103.4	115.9	62.5	44.6	56.0	86.0	105.9	104.5	101.9	101.8	101.8	
1999	4	0	1	3	29	90	197	188	143	93	8	0	
1999	4	4	5	8	37	127	324	512	655	748	756	756	
1999	250.0	137.9	72.5	35.7	61.1	71.8	81.2	82.3	84.9	91.3	91.8	91.7	
STATE :	5 COLORADO												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	0	0	0	0	7	28	156	92	57	0	0	0	
1998	0	0	0	0	7	35	191	283	340	340	340	340	
1998	.0	.0	.0	.0	333.3	62.1	105.4	107.2	121.3	121.3	121.3	121.3	
1999	0	0	0	0	0	35	156	83	2	0	0	0	
1999	0	0	0	0	0	35	191	274	276	276	276	276	
1999	.0	.0	.0	.0	.0	62.1	105.4	103.8	98.5	98.4	98.4	98.4	

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

STATE COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC													1999--BASE TEMP = 65 DEG F
STATE :	6 CONNECTICUT												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	0	0	0	0	32	78	223	253	70	0	0	0	
1998	0	0	0	0	32	110	333	586	656	656	656	656	
1998	.0	.0	.0	.0	320.0	118.4	108.1	120.4	124.9	124.6	124.6	124.6	
1999	0	0	0	0	13	154	334	195	68	0	0	0	
1999	0	0	0	0	13	167	501	696	764	764	764	764	
1999	.0	.0	.0	.0	130.0	179.8	162.6	143.0	145.4	145.1	145.1	145.1	
STATE :	7 DELAWARE												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	3	0	0	2	87	198	356	329	203	16	0	0	
1998	3	3	3	5	92	290	646	975	1178	1194	1194	1194	
1998	3000.0	3000.0	1500.0	714.3	190.1	114.6	108.6	109.0	115.7	115.4	115.4	115.4	
1999	0	0	0	0	48	218	467	358	138	9	0	0	
1999	0	0	0	0	48	266	733	1091	1229	1238	1238	1238	
1999	.0	.0	.0	.0	99.2	105.1	123.2	122.0	120.7	119.7	119.7	119.7	
STATE :	8 FLORIDA												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	122	87	87	200	398	575	577	564	484	376	230	170	
1998	122	209	296	496	894	1469	2046	2610	3094	3470	3700	3870	
1998	132.9	117.7	94.0	96.0	103.4	111.4	111.5	110.9	110.1	111.4	113.2	115.0	
1999	127	104	96	271	328	437	539	562	449	326	160	101	
1999	127	231	327	598	926	1363	1902	2464	2913	3239	3399	3500	
1999	138.3	130.1	103.8	115.7	107.1	103.4	103.7	104.7	103.7	104.0	104.0	104.0	
STATE :	9 GEORGIA												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	19	5	8	26	249	433	510	417	314	101	27	13	
1998	19	24	32	58	307	740	1250	1667	1981	2082	2109	2122	
1998	172.7	147.2	85.3	75.5	128.3	132.2	127.6	121.0	122.2	123.3	124.0	124.4	
1999	20	8	7	81	135	303	447	487	219	62	15	2	
1999	20	28	35	116	251	554	1001	1488	1707	1769	1784	1786	
1999	181.8	171.8	93.3	151.0	104.9	99.0	102.2	108.0	105.3	104.7	104.9	104.7	
STATE :	10 IDAHO												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	0	0	0	0	5	28	273	213	93	0	0	0	
1998	0	0	0	0	5	33	306	519	612	612	612	612	
1998	.0	.0	.0	.0	53.2	42.3	121.8	129.8	140.9	140.7	140.7	140.7	
1999	0	0	0	0	3	49	136	182	25	0	0	0	
1999	0	0	0	0	3	52	188	370	395	395	395	395	
1999	.0	.0	.0	.0	31.9	66.7	74.8	92.6	90.9	90.8	90.8	90.8	

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 PERCENTAGE OF 9999.9 => 10000

COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC													1999--BASE TEMP = 65 DEG F	
STATE :	11 ILLINOIS													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1998	0	0	0	1	128	182	293	290	161	18	0	0		
1998	0	0	0	1	129	311	604	894	1055	1073	1073	1073		
1998	.0	.0	.0	26.3	182.2	119.4	109.3	112.8	120.2	120.0	120.0	120.0		
1999	0	0	0	3	84	211	409	196	63	11	0	0		
1999	0	0	0	3	87	298	707	903	966	977	977	977		
1999	.0	.0	.0	78.9	122.9	114.4	127.9	113.9	110.0	109.2	109.2	109.2		
STATE :	12 INDIANA													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1998	0	0	1	1	132	194	264	274	165	17	0	0		
1998	0	0	1	2	134	328	592	866	1031	1048	1048	1048		
1998	.0	.0	50.0	48.8	180.3	124.1	107.5	110.9	117.6	117.5	117.5	117.5		
1999	0	0	0	2	89	222	396	202	92	10	0	0		
1999	0	0	0	2	91	313	709	911	1003	1013	1013	1013		
1999	.0	.0	.0	48.8	122.5	118.4	128.7	116.7	114.4	113.6	113.6	113.6		
STATE :	13 IOWA													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1998	0	0	0	0	124	133	291	273	145	12	0	0		
1998	0	0	0	0	124	257	548	821	966	978	978	978		
1998	.0	.0	.0	.0	168.2	98.1	98.0	104.2	113.0	112.8	112.8	112.8		
1999	0	0	0	1	62	169	380	190	41	6	0	0		
1999	0	0	0	1	63	232	612	802	843	849	849	849		
1999	.0	.0	.0	24.4	85.5	88.5	109.5	101.8	98.6	97.9	97.9	97.9		
STATE :	14 KANSAS													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1998	0	0	0	6	178	302	462	429	324	38	0	0		
1998	0	0	0	6	184	486	948	1377	1701	1739	1739	1739		
1998	.0	.0	.0	23.7	139.1	114.7	107.2	107.4	116.7	116.7	116.7	116.7		
1999	0	4	1	12	88	227	503	412	118	25	3	0		
1999	0	4	5	17	105	332	835	1247	1365	1390	1393	1393		
1999	.0	1333.3	71.4	67.2	79.4	78.4	94.4	97.2	93.7	93.3	93.5	93.5		
STATE :	15 KENTUCKY													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1998	11	0	9	4	154	270	351	333	261	40	0	0		
1998	11	11	20	24	178	448	799	1132	1393	1433	1433	1433		
1998	785.7	647.1	181.8	112.1	154.9	129.7	116.2	113.9	121.5	122.1	122.1	122.0		
1999	2	0	1	20	102	270	461	335	151	23	2	0		
1999	2	2	3	23	125	395	856	1191	1342	1365	1367	1367		
1999	142.9	117.6	27.3	107.5	108.8	114.4	124.4	119.9	117.1	116.3	116.5	116.4		

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COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC												1999--BASE TEMP = 65 DEG F	
STATE :	16 LOUISIANA												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	44	19	34	79	381	554	631	590	470	216	71	26	
1998	44	63	97	176	557	1111	1742	2332	2802	3018	3089	3115	
1998	162.4	137.6	98.9	82.2	113.0	119.1	119.8	118.7	119.8	121.2	121.9	122.2	
1999	50	45	44	202	289	456	536	624	348	147	41	11	
1999	50	95	139	341	630	1086	1622	2246	2594	2741	2782	2793	
1999	184.5	207.4	141.7	159.2	127.8	116.4	111.5	114.3	110.9	110.1	109.8	109.5	
STATE :	17 MAINE												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	0	0	0	0	6	8	105	102	6	0	0	0	
1998	0	0	0	0	6	14	119	221	227	227	227	227	
1998	.0	.0	.0	.0	3000.0	63.6	94.1	104.7	105.3	105.3	105.3	105.3	
1999	0	0	0	0	3	68	154	82	39	0	0	0	
1999	0	0	0	0	3	71	225	307	346	346	346	346	
1999	.0	.0	.0	.0	1500.0	322.7	177.9	145.4	160.5	160.5	160.5	160.5	
STATE :	18 MARYLAND & D.C.												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	0	0	0	7	103	203	352	343	235	16	0	0	
1998	0	0	0	7	110	313	665	1008	1243	1259	1259	1259	
1998	.0	.0	.0	500.0	204.5	123.2	113.6	115.2	125.0	124.8	124.8	124.8	
1999	0	0	0	0	68	211	454	327	118	4	0	0	
1999	0	0	0	0	68	279	733	1060	1178	1182	1182	1182	
1999	.0	.0	.0	.0	126.4	109.8	125.2	121.1	118.5	117.2	117.2	117.2	
STATE :	19 MASSACHUSETTS												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	0	0	0	0	16	52	204	194	50	0	0	0	
1998	0	0	0	0	16	68	272	466	516	516	516	516	
1998	.0	.0	.0	.0	333.3	97.0	105.9	113.7	118.9	118.7	118.7	118.7	
1999	0	0	0	0	6	141	279	159	70	0	0	0	
1999	0	0	0	0	6	147	426	585	655	655	655	655	
1999	.0	.0	.0	.0	125.0	209.7	165.9	142.8	150.9	150.7	150.7	150.7	
STATE :	20 MICHIGAN												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	0	0	0	0	89	114	209	202	89	7	0	0	
1998	0	0	0	0	89	203	412	614	703	710	710	710	
1998	.0	.0	.0	.0	258.0	136.5	115.6	118.5	125.5	125.5	125.5	125.5	
1999	0	0	0	0	49	155	304	127	52	0	0	0	
1999	0	0	0	0	49	204	508	635	687	687	687	687	
1999	.0	.0	.0	.0	142.0	137.2	142.5	122.6	122.6	121.4	121.4	121.4	

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COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC													1999--BASE TEMP = 65 DEG F	
STATE :	21 MINNESOTA													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1998	0	0	0	2	82	70	188	182	76	2	0	0		
1998	0	0	0	2	84	154	342	524	600	602	602	602		
1998	.0	.0	.0	250.0	255.3	113.2	103.5	112.4	123.7	123.5	123.5	123.5		
1999	0	0	0	0	46	102	267	134	17	0	0	0		
1999	0	0	0	0	46	148	415	549	566	566	566	566		
1999	.0	.0	.0	.0	139.8	108.7	125.6	117.8	116.7	116.2	116.2	116.2		
STATE :	22 MISSISSIPPI													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1998	25	10	22	41	287	501	556	517	418	155	27	12		
1998	25	35	57	98	385	886	1442	1959	2377	2532	2559	2571		
1998	176.1	148.3	97.1	75.5	113.0	121.7	119.0	117.2	120.3	122.2	122.6	122.8		
1999	30	23	20	133	206	403	513	553	280	93	17	4		
1999	30	53	73	206	412	815	1328	1881	2161	2254	2271	2275		
1999	211.3	224.6	124.4	158.7	120.9	112.0	109.6	112.5	109.4	108.8	108.8	108.6		
STATE :	23 MISSOURI													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1998	0	0	0	5	173	258	395	377	260	30	0	0		
1998	0	0	0	5	178	436	831	1208	1468	1498	1498	1498		
1998	.0	.0	.0	24.9	147.8	116.3	107.5	109.0	117.0	116.8	116.8	116.8		
1999	0	0	0	14	86	238	468	333	118	21	4	0		
1999	0	0	0	14	100	338	806	1139	1257	1278	1282	1282		
1999	.0	.0	.0	69.7	83.1	90.2	104.3	102.8	100.2	99.7	100.0	100.0		
STATE :	24 MONTANA													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1998	0	0	0	0	5	12	167	139	68	0	0	0		
1998	0	0	0	0	5	17	184	323	391	391	391	391		
1998	.0	.0	.0	.0	98.0	35.9	121.2	133.7	150.7	150.7	150.7	150.7		
1999	1	0	0	0	1	24	73	125	6	0	1	0		
1999	1	1	1	1	2	26	99	224	230	230	231	231		
1999	83.3	76.9	66.7	58.8	39.2	54.9	65.2	92.7	88.7	88.7	89.1	89.1		
STATE :	25 NEBRASKA													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1998	0	0	0	0	117	150	361	310	201	14	0	0		
1998	0	0	0	0	117	267	628	938	1139	1153	1153	1153		
1998	.0	.0	.0	.0	144.3	88.1	94.8	99.0	109.5	109.6	109.6	109.6		
1999	0	0	0	0	60	162	409	245	64	8	0	0		
1999	0	0	0	0	60	222	631	876	940	948	948	948		
1999	.0	.0	.0	.0	74.0	73.2	95.3	92.5	90.3	90.1	90.1	90.1		

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

COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC													1999--BASE TEMP = 65 DEG F	
STATE :	26 NEVADA													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1998	0	0	7	20	78	227	533	525	256	54	0	0		
1998	0	0	7	27	105	332	865	1390	1646	1700	1700	1700		
1998	.0	.0	101.4	61.1	65.5	74.8	96.0	106.5	109.0	108.2	108.1	108.1		
1999	0	3	16	19	138	298	460	425	271	103	9	0		
1999	0	3	19	38	176	474	934	1359	1630	1733	1742	1742		
1999	.0	272.7	275.4	86.0	109.8	106.8	103.7	104.1	107.9	110.3	110.8	110.8		
STATE :	27 NEW HAMPSHIRE													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1998	0	0	0	0	17	31	137	140	20	0	0	0		
1998	0	0	0	0	17	48	185	325	345	345	345	345		
1998	.0	.0	.0	.0	369.6	103.0	103.7	116.0	119.2	119.2	119.2	119.2		
1999	0	0	0	0	8	107	196	97	36	0	0	0		
1999	0	0	0	0	8	115	311	408	444	444	444	444		
1999	.0	.0	.0	.0	173.9	246.8	174.3	145.7	153.4	153.4	153.4	153.4		
STATE :	28 NEW JERSEY													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1998	0	0	0	0	54	131	297	289	130	8	0	0		
1998	0	0	0	0	54	185	482	771	901	909	909	909		
1998	.0	.0	.0	.0	209.3	110.6	107.5	112.3	117.5	117.4	117.4	117.4		
1999	0	0	0	0	22	174	409	275	104	3	0	0		
1999	0	0	0	0	22	196	605	880	984	987	987	987		
1999	.0	.0	.0	.0	85.3	117.2	135.0	128.1	128.4	127.4	127.4	127.4		
STATE :	29 NEW MEXICO													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1998	0	0	0	1	65	210	337	273	191	10	0	0		
1998	0	0	0	1	66	276	613	886	1077	1087	1087	1087		
1998	.0	.0	.0	12.3	119.8	109.2	109.9	111.4	121.9	122.1	122.1	122.1		
1999	0	0	0	3	44	174	286	241	93	5	0	0		
1999	0	0	0	3	47	221	507	748	841	846	846	846		
1999	.0	.0	.0	37.0	85.3	87.4	90.9	94.0	95.2	95.0	95.0	95.0		
STATE :	30 NEW YORK													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1998	0	0	0	0	44	93	254	258	100	5	0	0		
1998	0	0	0	0	44	137	391	649	749	754	754	754		
1998	.0	.0	.0	.0	251.4	109.3	106.9	113.2	117.6	117.6	117.6	117.6		
1999	0	0	0	0	26	176	362	216	95	0	0	0		
1999	0	0	0	0	26	202	564	780	875	875	875	875		
1999	.0	.0	.0	.0	148.6	161.2	154.2	136.1	137.4	136.4	136.4	136.4		

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 PERCENTAGE OF 9999.9 => 10000

COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC													1999--BASE TEMP = 65 DEG F
STATE :	31 NORTH CAROLINA												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	10	0	7	12	155	345	435	373	266	51	2	3	
1998	10	10	17	29	184	529	964	1337	1603	1654	1656	1659	
1998	277.8	232.6	125.0	106.2	133.9	131.1	123.0	117.8	121.4	121.4	121.3	121.4	
1999	11	0	1	24	90	245	439	420	149	30	7	0	
1999	11	11	12	36	126	371	810	1230	1379	1409	1416	1416	
1999	305.6	255.8	88.2	131.9	91.7	91.9	103.4	108.3	104.4	103.4	103.7	103.6	
STATE :	32 NORTH DAKOTA												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	0	0	0	4	40	44	187	205	66	0	0	0	
1998	0	0	0	4	44	88	275	480	546	546	546	546	
1998	.0	.0	.0	400.0	156.6	71.2	90.6	106.7	115.9	115.8	115.8	115.8	
1999	0	0	0	0	23	76	169	134	10	0	0	0	
1999	0	0	0	0	23	99	268	402	412	412	412	412	
1999	.0	.0	.0	.0	81.9	80.1	88.3	89.4	87.5	87.3	87.3	87.3	
STATE :	33 OHIO												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	0	0	0	0	106	154	232	249	137	11	0	0	
1998	0	0	0	0	106	260	492	741	878	889	889	889	
1998	.0	.0	.0	.0	197.0	127.6	109.7	114.1	120.2	120.1	120.1	120.1	
1999	0	0	0	3	66	200	371	177	84	5	0	0	
1999	0	0	0	3	69	269	640	817	901	906	906	906	
1999	.0	.0	.0	142.9	128.3	132.1	142.7	125.8	123.4	122.4	122.4	122.4	
STATE :	34 OKLAHOMA												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	0	0	2	16	236	455	663	577	466	82	1	0	
1998	0	0	2	18	254	709	1372	1949	2415	2497	2498	2498	
1998	.0	.0	11.2	26.7	114.1	121.5	123.0	121.0	128.7	128.7	128.7	128.7	
1999	0	10	9	40	124	316	543	584	202	58	16	0	
1999	0	10	19	59	183	499	1042	1626	1828	1886	1902	1902	
1999	.0	714.3	106.7	87.4	82.2	85.5	93.4	100.9	97.4	97.2	98.0	98.0	
STATE :	35 OREGON												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	0	0	0	0	0	21	145	114	54	0	0	0	
1998	0	0	0	0	0	21	166	280	334	334	334	334	
1998	.0	.0	.0	.0	.0	83.7	166.3	153.8	161.4	161.4	161.4	161.4	
1999	0	0	0	0	0	11	59	97	29	0	0	0	
1999	0	0	0	0	0	11	70	167	196	196	196	196	
1999	.0	.0	.0	.0	.0	43.8	70.1	91.8	94.7	94.7	94.7	94.7	

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 PERCENTAGE OF 9999.9 => 10000

COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC													1999--BASE TEMP = 65 DEG F
STATE :	36 PENNSYLVANIA												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	0	0	0	0	76	116	224	235	106	6	0	0	
1998	0	0	0	0	76	192	416	651	757	763	763	763	
1998	.0	.0	.0	.0	237.5	121.7	106.2	110.7	115.8	115.7	115.7	115.7	
1999	0	0	0	0	35	152	358	202	75	0	0	0	
1999	0	0	0	0	35	187	545	747	822	822	822	822	
1999	.0	.0	.0	.0	109.4	118.5	139.1	127.0	125.8	124.7	124.7	124.7	
STATE :	37 RHODE ISLAND												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	0	0	0	0	14	56	220	230	73	0	0	0	
1998	0	0	0	0	14	70	290	520	593	593	593	593	
1998	.0	.0	.0	.0	1272.7	118.4	116.8	123.7	129.9	129.7	129.7	129.7	
1999	0	0	0	0	8	131	306	201	87	0	0	0	
1999	0	0	0	0	8	139	445	646	733	733	733	733	
1999	.0	.0	.0	.0	727.3	235.2	179.2	153.7	160.5	160.3	160.3	160.3	
STATE :	38 SOUTH CAROLINA												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	17	5	9	29	245	441	526	442	312	98	17	12	
1998	17	22	31	60	305	746	1272	1714	2026	2124	2141	2153	
1998	180.9	170.5	92.5	86.1	125.8	128.4	123.5	118.4	119.2	119.8	120.1	120.5	
1999	20	5	7	68	131	302	481	524	210	57	14	2	
1999	20	25	32	100	231	533	1014	1538	1748	1805	1819	1821	
1999	212.8	193.8	95.5	143.5	95.3	91.7	98.5	106.2	102.8	101.8	102.0	101.9	
STATE :	39 SOUTH DAKOTA												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	0	0	0	0	69	84	283	250	149	2	0	0	
1998	0	0	0	0	69	153	436	686	835	837	837	837	
1998	.0	.0	.0	.0	145.9	73.3	86.4	92.7	104.1	104.0	104.0	104.0	
1999	0	2	0	0	34	127	306	221	33	0	0	0	
1999	0	2	2	2	36	163	469	690	723	723	723	723	
1999	.0	9999.9	666.7	80.0	76.1	78.1	93.0	93.3	90.2	89.9	89.9	89.9	
STATE :	40 TENNESSEE												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	11	2	7	8	177	332	412	362	297	63	0	0	
1998	11	13	20	28	205	537	949	1311	1608	1671	1671	1671	
1998	458.3	382.4	133.3	86.7	141.7	132.0	121.7	117.1	123.9	125.1	125.0	124.9	
1999	10	2	2	36	107	293	456	385	171	31	2	0	
1999	10	12	14	50	157	450	906	1291	1462	1493	1495	1495	
1999	416.7	352.9	93.3	154.8	108.5	110.6	116.2	115.3	112.6	111.7	111.8	111.8	

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 PERCENTAGE OF 9999.9 => 10000

COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC													1999--BASE TEMP = 65 DEG F
STATE :	41 TEXAS												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	34	17	37	82	397	584	689	597	488	203	59	11	
1998	34	51	88	170	567	1151	1840	2437	2925	3128	3187	3198	
1998	276.4	204.8	110.6	82.1	117.2	123.5	123.4	119.4	121.1	121.6	122.0	121.9	
1999	30	47	59	167	290	464	549	647	380	147	60	10	
1999	30	77	136	303	593	1057	1606	2253	2633	2780	2840	2850	
1999	243.9	309.2	170.9	146.4	122.6	113.4	107.7	110.3	109.1	108.1	108.7	108.6	
STATE :	42 UTAH												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	0	0	0	0	16	45	345	283	108	1	0	0	
1998	0	0	0	0	16	61	406	689	797	798	798	798	
1998	.0	.0	.0	.0	72.7	45.3	98.4	109.2	115.4	114.9	114.9	114.9	
1999	0	0	0	0	11	108	300	263	52	8	0	0	
1999	0	0	0	0	11	119	419	682	734	742	742	742	
1999	.0	.0	.0	.0	50.0	88.3	101.5	108.1	106.2	106.8	106.8	106.8	
STATE :	43 VERMONT												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	0	0	0	0	27	38	106	99	14	0	0	0	
1998	0	0	0	0	27	65	171	270	284	284	284	284	
1998	.0	.0	.0	.0	369.9	137.1	98.4	100.6	101.2	101.2	101.2	101.2	
1999	0	0	0	0	14	91	176	78	34	0	0	0	
1999	0	0	0	0	14	105	281	359	393	393	393	393	
1999	.0	.0	.0	.0	191.8	221.5	161.7	133.8	140.1	140.1	140.1	140.1	
STATE :	44 VIRGINIA												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	3	0	0	4	90	222	344	322	231	21	0	0	
1998	3	3	3	7	97	319	663	985	1216	1237	1237	1237	
1998	428.6	428.6	120.0	116.7	141.0	115.2	109.7	109.7	118.0	117.6	117.6	117.5	
1999	2	0	0	4	57	194	414	327	104	8	0	0	
1999	2	2	2	6	63	257	671	998	1102	1110	1110	1110	
1999	285.7	285.7	80.0	100.0	91.6	92.8	111.0	111.1	106.9	105.5	105.5	105.5	
STATE :	45 WASHINGTON												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	0	0	0	0	3	23	142	105	39	0	0	0	
1998	0	0	0	0	3	26	168	273	312	312	312	312	
1998	.0	.0	.0	.0	130.4	106.6	187.9	170.7	178.4	178.4	178.4	178.4	
1999	1	0	0	0	1	10	44	88	12	0	0	0	
1999	1	1	1	1	2	12	56	144	156	156	156	156	
1999	1000.0	1000.0	1000.0	1000.0	87.0	49.2	62.6	90.1	89.2	89.2	89.2	89.2	

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 PERCENTAGE OF 9999.9 => 10000

COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC													1999--BASE TEMP = 65 DEG F	
STATE :	46 WEST VIRGINIA													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1998	3	0	0	0	82	150	244	239	145	12	0	0		
1998	3	3	3	3	85	235	479	718	863	875	875	875		
1998	600.0	600.0	111.1	63.8	154.5	115.9	107.2	108.4	114.5	114.2	114.2	114.2		
1999	0	0	0	5	50	182	359	205	70	7	0	0		
1999	0	0	0	5	55	237	596	801	871	878	878	878		
1999	.0	.0	.0	106.4	100.0	116.9	133.4	120.9	115.6	114.6	114.6	114.5		
STATE :	47 WISCONSIN													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1998	0	0	0	0	62	91	193	196	72	5	0	0		
1998	0	0	0	0	62	153	346	542	614	619	619	619		
1998	.0	.0	.0	.0	225.5	119.2	107.2	114.7	123.2	123.2	123.2	123.2		
1999	0	0	0	0	37	116	297	122	19	0	0	0		
1999	0	0	0	0	37	153	450	572	591	591	591	591		
1999	.0	.0	.0	.0	134.5	119.2	139.4	121.0	118.6	117.6	117.6	117.6		
STATE :	48 WYOMING													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1998	0	0	0	0	8	13	169	115	64	0	0	0		
1998	0	0	0	0	8	21	190	305	369	369	369	369		
1998	.0	.0	.0	.0	210.5	36.1	98.3	105.4	119.7	119.6	119.6	119.6		
1999	0	0	0	0	1	35	143	114	7	0	0	0		
1999	0	0	0	0	1	36	179	293	300	300	300	300		
1999	.0	.0	.0	.0	26.3	62.0	92.6	101.2	97.3	97.2	97.2	97.2		

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 PERCENTAGE OF 9999.9 => 10000

2. REGIONAL POPULATION-WEIGHTED COOLING 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
			04	MARYLAND AND D.C.	.12370	05	NEVADA	.08800
03	EAST NORTH CENTRAL		05	NORTH CAROLINA	.15210	06	NEW MEXICO	.11090
01	ILLINOIS	.27210	06	SOUTH CAROLINA	.08000	07	UTAH	.12610
02	INDIANA	.13200	07	VIRGINIA	.14200	08	WYOMING	.03320
03	MICHIGAN	.22130	08	WEST VIRGINIA	.04120			
04	OHIO	.25820	06	EAST SOUTH CENTRAL		09	PACIFIC (AK,HI OMITTED)	
05	WISCONSIN	.11640	01	ALABAMA	.26620	01	CALIFORNIA	.79420
			02	KENTUCKY	.24280	02	OREGON	.07590
			03	MISSISSIPPI	.16960	03	WASHINGTON	.12990
			04	TENNESSEE	.32140			

REGIONAL COOLING DEGREE DAYS (STATES WEIGHTED BY 1990 POPULATION), THRU DEC												1999--BASE TEMP = 65 DEG F
REGION :	1 NEW ENGLAND											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1998	0	0	0	0	19	52	191	194	49	0	0	0
1998	0	0	0	0	19	71	262	456	505	505	505	505
1998	.0	.0	.0	.0	322.0	104.6	106.1	115.5	120.2	120.1	120.0	120.0
1999	0	0	0	0	8	132	272	155	64	0	0	0
1999	0	0	0	0	8	140	412	567	631	631	631	631
1999	.0	.0	.0	.0	135.6	206.2	166.8	143.6	150.2	150.0	150.0	150.0
REGION :	2 MIDDLE ATLANTIC											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1998	0	0	0	0	56	108	253	257	108	6	0	0
1998	0	0	0	0	56	164	417	674	782	788	788	788
1998	.0	.0	.0	.0	230.5	113.3	106.5	112.0	116.8	116.7	116.7	116.7
1999	0	0	0	0	28	168	370	224	91	1	0	0
1999	0	0	0	0	28	196	566	790	881	882	882	882
1999	.0	.0	.0	.0	115.2	135.4	144.6	131.3	131.6	130.6	130.6	130.6
REGION :	3 E. N. CENTRAL											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1998	0	0	0	0	107	151	243	247	129	12	0	0
1998	0	0	0	0	107	258	501	748	877	889	889	889
1998	.0	.0	.0	.0	198.1	125.0	110.0	114.0	120.9	120.8	120.8	120.8
1999	0	0	0	2	67	186	361	168	65	6	0	0
1999	0	0	0	2	69	255	616	784	849	855	855	855
1999	.0	.0	.0	87.0	127.8	123.5	135.2	119.5	117.1	116.2	116.2	116.1
REGION :	4 W. N. CENTRAL											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1998	0	0	0	3	130	174	322	302	189	18	0	0
1998	0	0	0	3	133	307	629	931	1120	1138	1138	1138
1998	.0	.0	.0	27.0	159.5	108.6	103.4	106.9	116.1	116.0	116.0	116.0
1999	0	1	0	6	66	175	387	253	69	11	2	0
1999	0	1	1	7	73	248	635	888	957	968	970	970
1999	.0	500.0	29.4	63.1	87.5	87.7	104.4	102.0	99.2	98.7	98.9	98.9
REGION :	5 SOUTH ATLANTIC											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1998	43	27	29	69	229	389	463	425	327	148	74	54
1998	43	70	99	168	397	786	1249	1674	2001	2149	2223	2277
1998	141.4	122.6	94.6	95.3	112.6	118.0	115.8	113.9	115.7	116.3	117.2	118.2
1999	44	32	30	102	161	301	469	446	240	117	52	30
1999	44	76	106	208	369	670	1139	1585	1825	1942	1994	2024
1999	144.7	133.1	101.3	118.0	104.7	100.6	105.6	107.8	105.6	105.1	105.2	105.1

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

REGIONAL COOLING DEGREE DAYS (STATES WEIGHTED BY 1990 POPULATION), THRU DEC													1999--BASE TEMP = 65 DEG F
REGION :	6 E. S. CENTRAL												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	16	4	12	18	211	377	448	406	328	91	11	6	
1998	16	20	32	50	261	638	1086	1492	1820	1911	1922	1928	
1998	225.4	185.2	106.7	78.4	126.6	126.7	119.8	116.5	121.4	122.8	123.1	123.2	
1999	16	8	8	66	137	319	473	436	208	53	8	1	
1999	16	24	32	98	235	554	1027	1463	1671	1724	1732	1733	
1999	225.4	222.2	106.7	153.6	114.0	110.0	113.3	114.2	111.5	110.8	110.9	110.7	
REGION :	7 W. S. CENTRAL												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	29	14	30	69	363	553	669	585	474	180	49	11	
1998	29	43	73	142	505	1058	1727	2312	2786	2966	3015	3026	
1998	235.8	183.0	103.8	79.2	116.9	123.1	123.1	119.7	122.2	122.7	123.1	123.0	
1999	27	39	46	148	257	435	544	624	341	129	47	8	
1999	27	66	112	260	517	952	1496	2120	2461	2590	2637	2645	
1999	219.5	280.9	159.3	144.9	119.7	110.8	106.6	109.8	107.9	107.2	107.6	107.5	
REGION :	8 MOUNTAIN												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	0	0	6	16	72	171	389	347	216	50	4	0	
1998	0	0	6	22	94	265	654	1001	1217	1267	1271	1271	
1998	.0	.0	58.3	53.1	74.1	77.7	96.4	103.7	108.8	108.4	108.3	108.3	
1999	1	4	13	17	88	210	332	310	171	80	16	0	
1999	1	5	18	35	123	333	665	975	1146	1226	1242	1242	
1999	333.3	217.4	174.8	84.5	97.0	97.7	98.1	101.0	102.5	104.8	105.8	105.8	
REGION :	9 PACIFIC												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1998	2	0	4	5	11	62	223	273	126	23	3	0	
1998	2	2	6	11	22	84	307	580	706	729	732	732	
1998	142.9	80.0	103.4	60.1	44.8	57.4	91.2	109.5	108.3	105.7	105.5	105.4	
1999	3	0	1	2	23	74	167	168	117	74	6	0	
1999	3	3	4	6	29	103	270	438	555	629	635	635	
1999	214.3	120.0	69.0	32.8	59.1	70.4	80.2	82.7	85.1	91.2	91.5	91.5	

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

3. NATIONAL POPULATION-WEIGHTED COOLING 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 COOLING DEGREE DAYS (REGIONS WEIGHTED BY 1990 POPULATION), THRU DEC												1999--BASE TEMP = 65 DEG F
REGION :	11 NATIONAL											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1998	12	7	10	23	135	228	350	337	215	62	20	11
1998	12	19	29	52	187	415	765	1102	1317	1379	1399	1410
1998	162.2	136.7	97.3	85.7	120.5	114.2	112.5	114.0	117.5	117.6	118.0	118.2
1999	12	11	12	40	94	219	374	305	152	55	17	6
1999	12	23	35	75	169	388	762	1067	1219	1274	1291	1297
1999	162.2	165.5	117.4	123.6	108.9	106.7	112.1	110.3	108.7	108.6	108.9	108.7

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

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AREA	STATE AVERAGE TEMPERATURE (DEG F) (DIVISIONS WEIGHTED BY AREA) -- 1998											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ALABAMA	47.5	48.8	53.0	61.3	73.4	80.6	81.7	80.0	77.4	66.7	57.8	51.3
ARIZONA	44.6	43.0	50.4	53.9	64.5	73.0	82.1	81.1	74.6	61.6	51.4	43.7
ARKANSAS	44.3	46.5	49.7	60.0	72.9	80.2	84.2	81.2	78.1	64.4	53.8	43.9
CALIFORNIA	46.9	46.1	51.5	53.5	57.3	66.7	76.2	77.5	70.5	59.3	50.6	43.4
COLORADO	27.7	29.5	34.0	41.4	54.9	59.9	69.7	66.9	63.1	47.8	37.9	26.5
CONNECTICUT	33.3	35.2	39.3	49.0	61.7	66.1	71.6	72.4	64.8	52.1	41.5	36.4
DELAWARE	42.8	42.4	46.5	56.4	65.6	72.0	76.6	75.5	72.0	58.4	48.0	42.8
FLORIDA	60.6	60.0	62.1	69.7	77.4	84.0	83.6	82.8	80.4	75.1	69.9	65.0
GEORGIA	49.2	50.1	53.7	62.4	74.1	81.1	82.5	79.6	76.4	66.8	59.9	53.0
IDAHO	29.5	31.1	35.9	43.8	51.8	56.3	71.0	68.7	62.4	45.0	37.0	24.5
ILLINOIS	31.6	39.6	40.4	52.5	67.4	71.8	75.6	75.1	71.1	56.7	45.6	35.2
INDIANA	34.7	39.0	41.0	52.4	66.6	71.1	73.7	73.9	69.8	55.8	45.0	36.5
IOWA	23.4	34.5	32.5	49.6	65.3	67.4	74.2	73.4	68.6	53.2	40.7	29.3
KANSAS	32.5	39.4	37.8	51.7	67.9	73.6	79.7	78.0	74.7	58.4	47.0	34.6
KENTUCKY	41.1	42.4	46.7	54.9	68.2	73.9	76.5	75.7	73.3	59.5	48.8	41.0
LOUISIANA	53.1	53.1	57.9	64.5	77.0	83.5	85.6	83.9	80.7	70.3	61.3	53.3
MAINE	17.3	23.3	29.4	41.4	56.7	60.0	66.5	65.2	57.1	45.2	33.8	26.4
MARYLAND & D.C.	40.9	41.2	45.6	56.1	66.0	71.2	75.7	75.5	71.9	57.3	47.4	42.3
MASSACHUSETTS	31.4	33.7	38.2	47.3	59.7	64.3	70.8	70.6	63.5	51.6	40.9	36.5
MICHIGAN	25.2	32.3	32.9	45.9	60.7	63.9	69.1	69.4	63.3	50.6	39.6	30.5
MINNESOTA	14.4	29.0	27.7	47.2	61.1	62.6	69.6	69.8	63.4	48.4	32.7	20.2
MISSISSIPPI	48.5	49.4	54.6	62.2	74.0	81.6	82.9	81.6	78.9	67.8	57.8	49.9
MISSOURI	35.0	40.8	40.8	53.9	69.1	73.7	78.1	77.1	73.5	58.5	48.3	36.3
MONTANA	20.2	32.0	30.7	45.7	54.9	56.6	70.6	69.6	63.1	45.7	35.0	22.8
NEBRASKA	26.5	35.2	31.6	47.6	62.4	65.6	75.7	73.8	69.5	52.1	40.8	29.4
NEVADA	35.6	34.3	41.3	44.9	51.3	60.6	73.7	72.9	63.2	48.1	40.1	30.4
NEW HAMPSHIRE	23.6	28.0	33.4	44.7	58.4	62.3	68.0	67.5	60.0	48.3	37.3	30.9
NEW JERSEY	39.2	39.4	43.6	53.1	63.7	69.3	74.9	74.6	68.9	55.5	45.0	40.3
NEW MEXICO	37.6	38.1	43.9	49.3	62.6	70.4	75.3	72.4	69.7	56.0	46.1	37.3
NEW YORK	28.1	30.6	35.1	46.6	61.2	64.5	68.6	68.9	61.9	50.2	39.2	33.4
NORTH CAROLINA	44.6	45.6	49.5	58.8	68.9	76.2	78.7	76.9	73.6	61.5	52.3	47.5
NORTH DAKOTA	10.5	27.8	21.8	47.2	57.5	60.1	70.5	71.0	62.8	45.8	29.1	17.6
OHIO	35.4	38.2	41.3	51.1	65.2	69.5	72.5	72.9	68.3	54.3	43.9	37.0
OKLAHOMA	40.3	44.4	46.0	57.0	72.2	80.1	86.1	82.9	80.0	63.8	52.5	40.7
OREGON	37.3	38.6	42.3	46.3	51.1	59.0	70.1	67.9	62.8	48.2	41.2	31.9
PENNSYLVANIA	34.6	35.9	39.8	49.6	62.8	66.1	70.1	70.9	65.2	52.3	41.8	36.4
RHODE ISLAND	34.8	36.7	40.4	48.9	60.3	65.2	72.1	72.3	65.9	53.9	43.7	38.9
SOUTH CAROLINA	47.8	49.0	52.3	62.0	72.8	80.0	82.2	79.4	75.5	65.3	57.2	51.4
SOUTH DAKOTA	19.5	32.8	26.3	47.2	59.9	62.1	73.8	72.6	67.6	48.8	36.3	26.1
TENNESSEE	42.5	44.0	48.0	56.8	69.5	76.0	78.2	76.6	74.6	61.8	50.7	43.1
TEXAS	50.4	50.9	54.9	63.2	77.2	84.0	86.7	82.6	79.8	68.6	58.5	48.1
UTAH	32.8	33.4	39.4	45.2	55.6	61.6	75.0	72.8	64.4	49.3	39.2	27.3
VERMONT	21.7	26.1	31.6	43.9	59.4	63.1	67.0	66.0	58.7	47.1	35.8	29.7
VIRGINIA	40.4	41.2	45.1	55.5	65.6	71.9	75.6	74.7	71.8	57.4	47.3	42.3
WASHINGTON	33.9	39.9	43.3	48.3	55.5	61.2	70.9	68.5	63.7	48.9	42.0	32.1
WEST VIRGINIA	37.0	38.1	41.5	51.9	63.2	68.0	71.8	71.6	67.7	54.3	43.6	38.0
WISCONSIN	20.5	31.5	31.4	47.2	61.2	63.7	69.7	69.4	63.5	49.5	37.5	25.8
WYOMING	22.6	26.8	28.7	40.9	51.9	53.8	68.9	66.3	61.1	44.1	34.2	22.2

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

AREA	REGIONAL & NATIONAL AVERAGE TEMPERATURE (DEG F) (WEIGHTED BY AREA)								-- 1998			
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NEW ENGLAND	22.1	26.8	32.3	43.7	58.1	61.9	67.8	67.0	59.3	47.4	36.2	29.7
MIDDLE ATLANTIC	31.8	33.6	37.8	48.4	62.1	65.5	69.7	70.2	63.9	51.5	40.8	35.3
E. N. CENTRAL	28.7	35.7	36.9	49.5	63.9	67.6	71.9	71.9	66.9	53.1	42.0	32.4
W. N. CENTRAL	23.1	34.2	31.2	49.2	63.2	66.4	74.5	73.6	68.6	52.1	39.2	27.6
SOUTH ATLANTIC	47.9	48.5	51.8	61.0	71.1	77.7	79.7	78.1	75.0	64.5	56.4	50.9
E. S. CENTRAL	45.2	46.4	50.9	59.1	71.5	78.3	80.1	78.7	76.2	64.2	54.2	46.7
W. S. CENTRAL	48.3	49.6	53.2	62.0	75.9	82.9	86.2	82.6	79.7	67.5	57.3	47.0
MOUNTAIN	31.2	33.8	38.0	45.9	56.2	61.8	73.3	71.5	65.4	49.9	40.3	29.5
PACIFIC	41.3	42.6	47.0	50.3	55.0	63.2	73.3	72.7	66.7	53.8	46.0	37.6
NATIONAL	35.4	39.2	41.8	51.8	63.3	68.9	76.0	74.5	69.6	55.7	45.6	36.0

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

AREA	JAN	STATE AVERAGE FEB	TEMPERATURE (DEG F) MAR	(DIVISIONS WEIGHTED BY AREA) APR	-- 1999 MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ALABAMA	49.2	51.4	52.5	66.9	69.4	76.5	80.4	82.0	73.4	63.7	56.2	46.9
ARIZONA	46.2	48.9	54.3	54.7	66.4	75.7	79.5	78.7	73.7	65.0	55.5	42.9
ARKANSAS	42.3	49.3	49.1	63.4	68.4	76.7	81.8	81.6	72.2	62.3	55.9	44.1
CALIFORNIA	46.0	46.6	49.9	53.6	62.2	68.7	73.9	73.4	71.2	64.7	54.4	46.9
COLORADO	29.9	33.4	40.0	41.1	51.4	61.1	69.2	66.2	56.3	48.2	41.2	27.9
CONNECTICUT	26.9	31.3	37.2	48.1	58.8	69.6	75.1	70.1	64.6	50.6	45.3	33.8
DELAWARE	38.5	39.1	42.6	54.1	63.4	72.3	79.8	77.1	69.5	56.8	52.4	41.0
FLORIDA	60.9	62.0	62.5	72.8	74.6	79.3	82.2	83.1	79.0	73.6	66.1	59.5
GEORGIA	49.7	51.5	53.2	67.2	69.4	76.3	80.5	82.1	73.4	64.3	57.7	47.9
IDAHO	28.5	29.1	35.5	41.5	49.7	58.2	65.3	67.5	55.5	47.5	40.1	26.8
ILLINOIS	24.7	37.1	37.9	54.3	64.0	72.3	78.6	72.0	65.3	54.6	48.5	32.5
INDIANA	26.8	36.0	36.4	53.7	63.7	72.2	78.0	71.4	65.9	53.7	47.8	33.0
IOWA	16.8	32.4	36.0	49.8	60.7	69.1	77.0	70.3	61.5	51.0	44.3	27.0
KANSAS	31.5	42.3	42.4	53.4	63.1	71.2	80.6	77.6	65.6	56.4	50.4	36.7
KENTUCKY	37.8	41.5	41.9	58.7	65.3	73.9	79.8	75.7	68.5	57.3	51.7	38.9
LOUISIANA	53.6	57.4	58.4	70.7	73.7	79.9	82.3	85.1	76.0	67.0	59.6	50.8
MAINE	13.8	20.7	30.8	40.5	55.6	65.3	68.3	64.3	62.2	42.6	37.6	25.4
MARYLAND & D.C.	36.6	38.0	41.6	54.4	63.8	71.5	79.2	75.2	67.7	55.0	51.1	39.4
MASSACHUSETTS	27.0	30.9	36.6	47.1	57.5	68.8	73.4	68.9	64.8	49.5	45.4	33.7
MICHIGAN	18.1	27.6	30.7	45.9	57.9	66.5	72.0	65.8	60.5	46.8	41.6	27.4
MINNESOTA	8.0	23.6	30.8	45.1	57.5	64.9	72.0	67.1	57.1	44.9	38.2	22.0
MISSISSIPPI	49.4	53.1	53.5	68.0	70.9	78.4	81.6	82.7	73.9	64.0	56.8	47.4
MISSOURI	30.2	41.9	41.9	56.7	63.8	72.6	80.1	76.0	66.7	57.1	52.0	36.8
MONTANA	23.6	31.7	36.9	42.1	51.0	59.0	65.6	68.3	53.5	46.4	40.4	30.7
NEBRASKA	26.1	36.8	39.0	47.3	58.7	67.3	76.6	72.2	60.8	51.3	45.1	32.4
NEVADA	34.1	36.4	42.1	43.5	54.9	64.4	71.7	69.4	62.5	53.5	44.2	32.0
NEW HAMPSHIRE	19.4	24.5	32.0	43.3	56.0	67.0	70.1	65.6	62.0	44.6	41.0	27.6
NEW JERSEY	33.5	35.5	40.2	51.1	60.8	70.7	78.4	74.3	67.5	53.6	49.0	38.1
NEW MEXICO	39.6	42.9	47.5	51.2	60.4	68.6	73.3	71.9	65.3	55.5	47.8	34.5
NEW YORK	21.2	27.3	30.3	44.7	58.2	67.5	72.0	66.5	62.8	47.3	42.8	29.1
NORTH CAROLINA	45.2	44.9	46.8	60.8	65.7	72.9	79.0	78.3	69.2	59.3	54.9	43.8
NORTH DAKOTA	6.9	22.7	31.2	42.8	54.8	63.0	69.5	67.7	54.3	43.4	37.6	24.4
OHIO	28.2	34.5	34.9	52.8	62.3	71.4	77.1	70.3	65.1	52.6	46.2	33.0
OKLAHOMA	39.5	49.0	48.4	60.0	67.5	75.4	82.4	83.6	70.7	61.9	56.2	42.9
OREGON	36.0	35.7	39.9	44.5	50.5	58.5	64.7	66.7	58.7	50.7	44.7	35.1
PENNSYLVANIA	27.2	31.7	34.1	48.9	59.8	67.9	74.6	69.0	63.4	49.8	45.2	32.7
RHODE ISLAND	30.8	34.6	39.8	49.2	59.0	69.0	74.9	71.3	66.7	52.8	47.7	37.0
SOUTH CAROLINA	48.9	49.2	51.0	65.1	68.2	75.2	80.8	82.1	71.8	62.3	57.2	46.4
SOUTH DAKOTA	17.8	33.0	36.8	45.2	56.4	65.6	73.8	71.4	57.8	48.1	42.7	29.5
TENNESSEE	41.7	44.4	44.5	61.2	65.9	74.5	79.7	77.3	69.7	58.4	53.0	41.4
TEXAS	49.9	56.2	57.3	67.0	72.9	79.4	82.1	84.5	76.1	65.9	59.7	48.5
UTAH	32.7	35.1	43.3	43.8	54.7	65.3	73.3	70.6	61.1	52.3	42.5	29.4
VERMONT	17.0	21.7	28.9	41.8	56.7	66.6	69.8	64.6	61.4	43.6	40.0	25.9
VIRGINIA	38.6	39.6	41.9	55.9	63.0	70.7	77.7	74.9	66.0	54.6	51.3	39.5
WASHINGTON	36.0	37.0	40.9	46.4	51.4	59.0	64.4	67.7	58.7	48.5	43.2	36.2
WEST VIRGINIA	33.9	35.5	35.7	53.6	60.7	69.2	75.4	70.3	63.2	52.1	47.2	35.3
WISCONSIN	12.2	26.5	31.9	46.6	58.6	65.6	72.8	66.4	58.4	46.2	40.1	23.0
WYOMING	25.2	28.8	35.4	37.7	48.2	58.2	67.4	66.4	52.4	45.9	39.2	25.8

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

AREA	REGIONAL & NATIONAL AVERAGE TEMPERATURE (DEG F) (WEIGHTED BY AREA)								-- 1999			
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NEW ENGLAND	18.0	23.7	32.0	42.6	56.4	66.5	70.0	65.7	62.6	44.7	40.1	27.6
MIDDLE ATLANTIC	24.8	29.9	32.7	47.0	59.1	67.9	73.6	68.2	63.4	48.9	44.3	31.3
E. N. CENTRAL	21.2	31.9	34.1	50.2	61.1	69.3	75.4	68.9	62.7	50.4	44.5	29.3
W. N. CENTRAL	19.7	33.2	36.9	48.5	59.3	67.6	75.6	71.8	60.5	50.3	44.3	29.9
SOUTH ATLANTIC	47.5	48.5	50.0	63.5	67.7	74.5	79.7	79.2	71.4	62.2	56.7	46.7
E. S. CENTRAL	45.0	48.0	48.5	64.1	68.1	76.0	80.4	79.7	71.6	61.1	54.6	44.0
W. S. CENTRAL	47.8	54.4	55.0	65.8	71.6	78.5	82.2	84.1	74.8	64.9	58.7	47.3
MOUNTAIN	32.5	36.1	42.1	44.7	54.8	64.0	70.6	70.0	60.1	51.9	44.1	31.6
PACIFIC	40.9	41.3	45.0	49.4	56.4	63.6	69.2	70.2	64.8	57.1	49.2	41.1
NATIONAL	34.1	39.9	43.3	52.3	60.9	69.0	74.9	73.6	64.9	55.2	48.5	36.5

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

AREA	STATE AVERAGE PRECIPITATION (IN.) (DIVISIONS WEIGHTED BY AREA) -- 1998											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ALABAMA	8.51	7.52	6.34	5.29	2.35	3.11	6.21	3.36	8.51	1.34	3.36	4.26
ARIZONA	.59	2.83	2.08	.67	.22	.06	2.40	1.49	1.56	1.31	.93	.38
ARKANSAS	6.42	4.66	5.76	3.14	3.55	1.97	3.30	2.94	4.11	4.91	2.97	4.55
CALIFORNIA	7.09	11.22	3.69	2.11	3.22	.71	.13	.12	.66	.68	4.03	1.54
COLORADO	.54	.75	1.56	1.52	.97	1.02	3.66	1.82	.85	2.19	1.11	.50
CONNECTICUT	4.38	4.06	6.06	4.53	5.91	7.27	3.81	2.36	2.70	5.35	2.38	1.27
DELAWARE	5.98	5.44	5.39	2.93	4.55	3.48	1.97	3.59	2.34	2.60	1.30	2.50
FLORIDA	4.66	8.58	6.04	1.20	1.76	2.44	7.78	6.88	11.99	1.96	3.28	1.55
GEORGIA	5.95	7.71	6.03	6.40	2.78	2.63	4.47	3.91	7.16	1.42	1.59	2.45
IDAHO	3.17	1.41	1.66	1.30	4.31	2.40	1.00	.36	1.63	.76	2.93	2.41
ILLINOIS	2.74	2.58	4.57	4.92	4.80	7.68	3.44	3.25	2.35	4.35	2.49	1.64
INDIANA	3.04	1.89	4.29	6.07	4.63	7.72	4.91	3.75	1.08	3.50	2.16	2.12
IOWA	1.11	1.73	3.71	4.00	4.27	8.02	3.13	4.98	2.04	4.90	1.68	.44
KANSAS	.59	.93	3.17	2.31	2.05	3.11	6.44	1.87	3.23	4.32	4.05	.62
KENTUCKY	3.72	3.38	3.24	7.46	4.99	8.95	4.98	1.89	1.10	2.82	2.06	4.75
LOUISIANA	11.99	6.07	5.31	3.80	.42	2.80	3.69	4.89	11.03	2.64	5.15	5.57
MAINE	5.04	3.43	3.83	3.13	3.15	7.00	4.08	2.74	2.80	5.06	2.52	1.84
MARYLAND & D.C.	6.22	5.59	5.53	3.92	4.71	5.08	2.38	2.51	1.74	1.92	.98	2.06
MASSACHUSETTS	5.84	4.93	5.20	3.62	4.89	9.92	2.91	2.81	2.27	5.20	2.20	1.63
MICHIGAN	2.88	1.27	3.91	2.15	2.09	2.82	1.93	3.24	2.45	2.70	2.32	1.87
MINNESOTA	.95	1.09	1.78	1.58	3.91	5.34	3.18	3.19	1.66	4.30	1.71	.60
MISSISSIPPI	9.37	6.00	5.67	5.46	2.32	2.36	6.55	2.95	4.99	1.54	3.88	5.94
MISSOURI	2.50	2.94	5.91	4.09	3.18	7.35	6.59	2.30	4.74	5.62	3.20	1.69
MONTANA	.79	.43	1.07	1.04	1.86	3.74	1.78	1.18	.91	1.48	1.24	1.03
NEBRASKA	.31	.60	2.15	2.23	2.95	4.87	4.12	2.72	1.00	2.96	2.12	.23
NEVADA	1.00	2.30	1.51	.98	2.14	1.64	.72	.25	1.92	1.01	.63	.29
NEW HAMPSHIRE	5.03	3.15	3.72	2.34	3.26	9.89	3.40	3.05	2.64	4.31	3.05	1.52
NEW JERSEY	4.58	4.61	5.22	4.55	6.23	5.05	2.09	2.64	1.98	2.65	1.31	1.52
NEW MEXICO	.16	.76	1.34	.52	.06	.18	3.24	2.06	.83	3.21	.74	.42
NEW YORK	5.10	2.47	3.59	3.08	3.52	6.69	3.94	3.38	2.71	2.76	1.75	1.58
NORTH CAROLINA	7.82	6.60	5.19	5.48	4.44	3.82	4.12	5.34	3.45	1.83	2.06	4.47
NORTH DAKOTA	.41	1.83	.43	.90	2.12	4.24	2.15	3.12	1.04	3.87	1.32	.30
OHIO	3.50	2.66	2.80	5.58	3.34	7.26	3.24	3.69	1.49	2.93	1.68	2.10
OKLAHOMA	3.65	1.55	5.40	2.60	2.56	1.86	2.51	1.50	3.13	6.88	3.41	1.94
OREGON	5.83	3.82	3.10	1.72	4.70	1.25	.66	.11	.97	1.53	6.88	5.07
PENNSYLVANIA	4.29	3.55	3.46	5.62	4.28	5.08	2.76	3.06	2.14	3.08	1.23	1.44
RHODE ISLAND	6.71	6.18	6.15	5.76	5.62	11.50	1.74	3.52	2.59	3.74	2.44	1.57
SOUTH CAROLINA	7.43	7.83	5.11	6.46	3.61	3.47	4.45	3.88	5.67	1.71	1.54	3.69
SOUTH DAKOTA	.49	.73	1.77	1.64	2.55	4.77	2.89	2.99	.74	5.44	1.23	.18
TENNESSEE	5.37	4.50	4.49	8.45	4.99	8.58	6.45	2.81	1.10	2.31	1.85	6.90
TEXAS	2.26	2.69	2.42	.67	.77	1.18	1.22	3.70	3.40	5.24	3.14	1.79
UTAH	1.12	1.94	1.42	1.07	1.06	1.78	1.32	.71	1.54	1.92	.92	.49
VERMONT	5.72	2.04	3.77	2.43	2.77	8.78	5.91	4.89	4.27	2.78	2.94	1.20
VIRGINIA	6.84	6.20	5.25	4.98	5.38	4.27	2.13	3.06	1.87	1.52	1.12	3.58
WASHINGTON	7.31	4.10	3.62	1.38	3.27	1.38	.94	.21	.58	2.48	9.08	9.34
WEST VIRGINIA	4.87	4.35	3.93	5.02	4.99	8.20	3.22	3.15	2.08	1.72	1.51	2.72
WISCONSIN	1.87	1.56	3.69	2.40	3.45	6.19	1.74	4.19	2.28	2.71	1.82	.78
WYOMING	.74	.63	1.36	1.02	1.21	3.06	1.67	1.32	1.21	2.45	.71	.41

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

AREA	REGIONAL & NATIONAL AVERAGE PRECIPITATION (IN.) (WEIGHTED BY AREA)								-- 1998			
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NEW ENGLAND	5.21	3.47	4.19	3.13	3.58	8.13	4.04	3.09	2.91	4.64	2.60	1.63
MIDDLE ATLANTIC	4.71	3.11	3.66	4.32	4.06	5.86	3.28	3.18	2.41	2.89	1.49	1.51
E. N. CENTRAL	2.75	1.96	3.88	3.98	3.59	6.14	2.88	3.61	2.03	3.23	2.11	1.65
W. N. CENTRAL	.88	1.36	2.64	2.31	2.97	5.24	4.11	2.95	2.05	4.46	2.21	.57
SOUTH ATLANTIC	6.25	7.08	5.45	4.69	3.63	3.73	4.55	4.55	5.85	1.71	1.93	2.95
E. S. CENTRAL	6.94	5.50	5.04	6.55	3.54	5.48	6.08	2.80	4.22	1.94	2.86	5.42
W. S. CENTRAL	4.06	3.12	3.62	1.62	1.35	1.56	1.95	3.39	4.29	5.17	3.39	2.56
MOUNTAIN	.93	1.34	1.48	.99	1.40	1.76	2.02	1.19	1.27	1.81	1.11	.71
PACIFIC	6.76	7.50	3.50	1.84	3.67	1.01	.46	.13	.74	1.31	5.95	4.24
NATIONAL	3.22	3.20	3.12	2.48	2.56	3.29	2.84	2.41	2.52	2.91	2.46	1.95

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

AREA	STATE AVERAGE PRECIPITATION (IN.) (DIVISIONS WEIGHTED BY AREA) -- 1999											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ALABAMA	8.16	2.45	5.74	2.59	4.21	8.63	4.86	2.15	2.05	3.32	2.66	3.42
ARIZONA	.16	.34	.21	1.40	.15	.35	3.77	2.46	2.05	.00	.00	.03
ARKANSAS	6.90	1.35	5.29	5.74	4.75	5.39	1.81	1.11	1.75	3.14	1.88	4.91
CALIFORNIA	3.35	4.93	2.22	1.74	.28	.25	.29	.18	.17	.62	2.06	.58
COLORADO	.74	.41	.55	3.74	2.39	1.57	2.53	3.29	1.35	.51	.30	.53
CONNECTICUT	6.99	3.90	5.25	1.37	4.31	.86	2.78	3.32	10.93	4.48	3.09	2.83
DELAWARE	6.05	2.62	5.05	2.75	1.54	2.37	1.93	4.70	11.16	3.83	2.18	2.73
FLORIDA	4.01	1.25	1.79	1.72	3.93	9.48	5.93	6.90	7.06	4.96	2.18	1.91
GEORGIA	5.25	3.00	2.50	1.94	2.65	6.29	4.77	3.09	3.89	2.95	2.28	2.27
IDAHO	2.66	3.11	1.17	1.18	1.66	1.66	.28	.91	.17	.96	1.64	2.14
ILLINOIS	4.24	2.31	1.74	5.57	3.62	5.22	2.77	2.65	2.22	1.72	.55	2.76
INDIANA	4.95	3.49	2.17	5.01	3.14	3.98	2.76	2.35	1.36	2.04	1.07	3.25
IOWA	1.31	.95	1.05	6.29	5.02	5.29	5.38	3.16	1.92	.77	1.00	.74
KANSAS	1.28	.54	1.70	5.22	4.46	5.36	2.77	3.21	3.36	.61	.79	1.26
KENTUCKY	6.84	2.73	3.35	3.54	2.92	5.00	2.18	1.84	1.28	2.98	2.33	3.42
LOUISIANA	8.64	1.38	5.28	3.00	4.55	7.17	4.32	1.74	3.57	3.44	.97	4.42
MAINE	5.39	2.21	5.41	.83	2.64	3.02	3.00	3.04	9.10	4.30	3.39	2.72
MARYLAND & D.C.	5.37	2.62	4.36	3.17	1.60	2.15	2.59	4.48	10.45	3.17	2.00	2.65
MASSACHUSETTS	6.82	3.72	5.03	1.12	3.97	1.36	3.40	2.53	8.66	4.58	2.88	2.24
MICHIGAN	3.38	1.52	.87	3.26	3.17	3.83	4.83	2.52	2.83	1.99	1.17	2.25
MINNESOTA	1.22	.40	1.32	2.92	5.03	4.29	5.55	4.05	3.41	1.09	.34	.31
MISSISSIPPI	10.09	2.30	6.52	3.70	3.89	5.33	3.99	1.99	2.77	3.04	2.11	3.73
MISSOURI	3.53	2.39	2.86	6.00	4.65	5.00	1.93	2.16	2.68	1.56	1.14	3.84
MONTANA	.90	.76	.44	1.46	2.11	2.42	1.02	1.78	.99	.76	.79	.50
NEBRASKA	.33	.56	.88	4.28	3.75	5.63	2.52	3.11	1.70	.12	.37	.32
NEVADA	1.20	.62	.32	1.38	.61	.92	.54	.57	.30	.13	.16	.13
NEW HAMPSHIRE	6.43	1.81	4.98	.73	3.45	2.79	3.66	3.00	9.38	3.94	2.90	1.86
NEW JERSEY	7.40	2.84	4.96	2.79	3.05	1.76	1.42	5.52	9.58	3.47	2.34	3.01
NEW MEXICO	.44	.05	.84	1.47	1.65	1.47	3.08	3.41	1.57	.34	.02	.34
NEW YORK	5.43	1.31	3.80	1.85	2.55	2.16	3.35	2.84	6.89	2.96	3.12	2.02
NORTH CAROLINA	5.84	2.53	3.22	3.69	2.89	3.81	4.30	4.64	13.30	4.65	2.42	1.97
NORTH DAKOTA	.92	.38	.54	1.28	5.23	2.91	2.79	3.36	2.40	.31	.05	.25
OHIO	4.32	2.67	2.03	4.04	2.23	2.10	3.80	3.12	1.87	2.19	2.50	2.66
OKLAHOMA	2.14	.94	4.20	5.86	5.41	6.53	1.35	1.43	3.92	1.90	.90	3.15
OREGON	4.44	6.04	2.53	1.15	1.62	.79	.23	1.16	.03	1.81	4.12	2.86
PENNSYLVANIA	5.74	1.92	3.28	4.01	2.55	2.40	2.88	3.72	6.74	2.25	3.38	2.46
RHODE ISLAND	6.62	5.67	5.30	1.64	4.00	.16	1.49	2.84	7.41	5.90	2.92	2.63
SOUTH CAROLINA	5.24	2.73	2.64	3.94	2.49	4.72	3.79	3.25	6.87	4.29	1.96	2.33
SOUTH DAKOTA	.53	.30	.77	3.19	3.69	4.74	2.71	2.76	2.68	.44	.24	.20
TENNESSEE	8.30	3.31	4.50	4.11	4.46	5.63	4.24	1.52	1.32	2.49	3.18	3.18
TEXAS	1.79	.25	2.86	1.98	3.73	3.90	2.07	1.37	1.56	1.31	.26	1.29
UTAH	.86	.76	.34	2.32	1.20	1.00	1.30	1.53	.70	.09	.19	.46
VERMONT	5.35	1.51	3.79	.84	3.60	2.48	3.59	2.54	8.61	4.19	3.34	1.60
VIRGINIA	4.90	2.27	3.47	2.90	2.30	1.84	4.15	3.38	10.47	2.63	2.26	2.24
WASHINGTON	6.26	8.25	3.56	1.11	2.17	1.68	.87	1.15	.34	3.16	7.48	6.53
WEST VIRGINIA	5.50	2.44	4.16	3.04	2.75	1.77	3.37	3.41	3.20	3.38	3.29	2.78
WISCONSIN	2.23	1.29	.56	4.18	5.02	4.29	7.75	3.25	2.17	1.30	1.23	.76
WYOMING	.66	.62	.47	2.72	1.87	1.97	.77	.98	1.43	.26	.34	.45

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

AREA	REGIONAL & NATIONAL AVERAGE PRECIPITATION (IN.) (WEIGHTED BY AREA)								-- 1999			
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NEW ENGLAND	5.85	2.43	5.06	.91	3.21	2.49	3.18	2.92	9.12	4.31	3.22	2.39
MIDDLE ATLANTIC	5.71	1.70	3.66	2.87	2.59	2.24	3.00	3.43	7.03	2.69	3.18	2.29
E. N. CENTRAL	3.70	2.13	1.38	4.38	3.53	3.98	4.55	2.79	2.17	1.81	1.25	2.24
W. N. CENTRAL	1.27	.76	1.31	4.09	4.52	4.74	3.35	3.14	2.64	.69	.54	.96
SOUTH ATLANTIC	5.08	2.34	2.88	2.73	2.86	5.09	4.50	4.33	7.87	3.85	2.32	2.20
E. S. CENTRAL	8.40	2.67	5.13	3.44	3.90	6.26	3.89	1.89	1.90	2.98	2.56	3.44
W. S. CENTRAL	3.22	.62	3.64	3.17	4.21	4.86	2.17	1.39	2.18	1.86	.64	2.37
MOUNTAIN	.90	.76	.53	1.92	1.47	1.45	1.72	1.93	1.11	.39	.41	.52
PACIFIC	4.29	5.96	2.59	1.43	1.08	.71	.39	.68	.16	1.51	3.82	2.51
NATIONAL	3.00	1.74	2.10	2.80	2.87	3.31	2.62	2.29	2.56	1.53	1.36	1.65

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.