



**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 1996 THROUGH DECEMBER 1997

DATE PUBLISHED: AUGUST 1998

**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 COOLING 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 ANNUAL COOLING 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 COOLING DEGREE DAY VALUES IN THIS PUBLICATION MAY DIFFER FROM THE HISTORICAL CLIMATOLOGY SERIES 5-2 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										1997--BASE TEMP = 65 DEG F		
STATE :	1 ALABAMA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1996	9	4	7	18	242	343	443	396	218	68	5	6
1996	9	13	20	38	280	623	1066	1462	1680	1748	1753	1759
1996	68.7	66.3	43.0	39.1	101.3	100.4	100.2	98.3	95.6	95.1	94.8	94.8
1997	16	11	64	13	111	264	465	383	291	71	1	1
1997	16	27	91	104	215	479	944	1327	1618	1689	1690	1691
1997	122.1	137.8	195.7	106.9	77.8	77.2	88.8	89.2	92.1	91.9	91.4	91.1
STATE :	2 ARIZONA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1996	1	24	44	155	368	595	730	680	375	170	27	0
1996	1	25	69	224	592	1187	1917	2597	2972	3142	3169	3169
1996	166.7	333.3	196.6	166.9	155.7	137.0	126.3	123.3	118.2	117.2	117.6	117.6
1997	1	7	85	104	428	472	662	658	535	158	22	0
1997	1	8	93	197	625	1097	1759	2417	2952	3110	3132	3132
1997	166.7	106.7	265.0	146.8	164.4	126.6	115.9	114.7	117.4	116.1	116.2	116.2
STATE :	3 ARKANSAS											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1996	0	0	2	16	240	351	451	404	189	48	0	1
1996	0	0	2	18	258	609	1060	1464	1653	1701	1701	1702
1996	.0	.0	9.3	27.9	114.8	106.6	100.7	98.2	95.1	94.6	94.5	94.5
1997	0	1	28	6	99	291	515	398	268	47	0	0
1997	0	1	29	35	134	425	940	1338	1606	1653	1653	1653
1997	.0	50.0	134.3	54.2	59.6	74.4	89.3	89.7	92.4	91.9	91.8	91.8
STATE :	4 CALIFORNIA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1996	4	4	8	37	68	145	285	286	144	32	8	0
1996	4	8	16	53	121	266	551	837	981	1013	1021	1021
1996	250.0	275.9	231.9	236.6	199.7	150.4	138.2	134.5	127.2	123.7	123.9	123.8
1997	3	0	19	24	140	127	208	270	243	51	11	0
1997	3	3	22	46	186	313	521	791	1034	1085	1096	1096
1997	187.5	103.4	318.8	205.4	306.9	176.9	130.6	127.1	134.1	132.5	133.0	132.9
STATE :	5 COLORADO											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1996	0	0	0	0	5	67	119	82	7	0	0	0
1996	0	0	0	0	5	72	191	273	280	280	280	280
1996	.0	.0	.0	.0	238.1	127.7	105.4	103.4	99.9	99.9	99.9	99.9
1997	0	0	0	0	0	57	114	67	27	0	0	0
1997	0	0	0	0	0	57	171	238	265	265	265	265
1997	.0	.0	.0	.0	.0	101.1	94.4	90.2	94.6	94.5	94.5	94.5

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												1997--BASE TEMP = 65 DEG F		
STATE :	6 CONNECTICUT													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	0	2	100	160	183	40	0	0	0		
1996	0	0	0	0	2	102	262	445	485	485	485	485		
1996	.0	.0	.0	.0	20.0	109.8	85.0	91.4	92.3	92.1	92.1	92.1		
1997	0	0	0	0	0	77	206	150	30	0	0	0		
1997	0	0	0	0	0	77	283	433	463	463	463	463		
1997	.0	.0	.0	.0	.0	82.9	91.9	88.9	88.1	87.9	87.9	87.9		
STATE :	7 DELAWARE													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	0	23	241	296	275	130	12	0	0		
1996	0	0	0	0	23	264	560	835	965	977	977	977		
1996	.0	.0	.0	.0	47.5	104.3	94.1	93.4	94.7	94.5	94.5	94.5		
1997	0	0	0	0	18	176	369	278	109	14	0	0		
1997	0	0	0	0	18	194	563	841	950	964	964	964		
1997	.0	.0	.0	.0	37.2	76.7	94.7	94.0	93.3	93.2	93.2	93.2		
STATE :	8 FLORIDA													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	80	63	74	171	393	443	548	509	468	295	156	103		
1996	80	143	217	388	781	1224	1772	2281	2749	3044	3200	3303		
1996	87.1	80.5	68.9	75.1	90.4	92.8	96.6	96.9	97.9	97.8	97.9	98.2		
1997	106	164	258	189	357	448	542	539	464	298	139	92		
1997	106	270	528	717	1074	1522	2064	2603	3067	3365	3504	3596		
1997	115.5	152.0	167.6	138.8	124.3	115.4	112.5	110.6	109.2	108.1	107.2	106.9		
STATE :	9 GEORGIA													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	7	4	4	15	222	324	439	371	217	52	3	4		
1996	7	11	15	30	252	576	1015	1386	1603	1655	1658	1662		
1996	63.6	67.5	40.0	39.1	105.4	102.9	103.6	100.6	98.9	98.0	97.5	97.4		
1997	15	9	63	11	86	229	447	353	258	63	2	2		
1997	15	24	87	98	184	413	860	1213	1471	1534	1536	1538		
1997	136.4	147.2	232.0	127.6	76.9	73.8	87.8	88.1	90.8	90.8	90.3	90.2		
STATE :	10 IDAHO													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	0	3	66	212	150	17	0	0	0		
1996	0	0	0	0	3	69	281	431	448	448	448	448		
1996	.0	.0	.0	.0	31.9	88.5	111.9	107.8	103.1	103.0	103.0	103.0		
1997	0	0	0	0	22	62	124	176	61	0	0	0		
1997	0	0	0	0	22	84	208	384	445	445	445	445		
1997	.0	.0	.0	.0	234.0	107.7	82.8	96.1	102.4	102.3	102.3	102.3		

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COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC													1997--BASE TEMP = 65 DEG F	
STATE :	11 ILLINOIS													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	0	38	168	197	243	57	11	0	0		
1996	0	0	0	0	38	206	403	646	703	714	714	714		
1996	.0	.0	.0	.0	53.7	79.1	72.9	81.5	80.1	79.8	79.8	79.8		
1997	0	0	2	0	19	163	276	173	80	12	0	0		
1997	0	0	2	2	21	184	460	633	713	725	725	725		
1997	.0	.0	142.9	52.6	29.7	70.7	83.2	79.9	81.2	81.1	81.1	81.1		
STATE :	12 INDIANA													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	0	52	193	208	247	67	13	0	0		
1996	0	0	0	0	52	245	453	700	767	780	780	780		
1996	.0	.0	.0	.0	70.0	92.7	82.2	89.7	87.5	87.5	87.5	87.5		
1997	0	0	2	0	19	155	272	168	79	10	0	0		
1997	0	0	2	2	21	176	448	616	695	705	705	705		
1997	.0	.0	100.0	48.8	28.3	66.6	81.3	78.9	79.2	79.1	79.1	79.1		
STATE :	13 IOWA													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	0	27	178	203	202	39	9	0	0		
1996	0	0	0	0	27	205	408	610	649	658	658	658		
1996	.0	.0	.0	.0	36.6	78.2	73.0	77.4	75.9	75.9	75.9	75.9		
1997	0	0	0	0	17	199	279	183	79	10	0	0		
1997	0	0	0	0	17	216	495	678	757	767	767	767		
1997	.0	.0	.0	.0	23.1	82.4	88.6	86.0	88.5	88.4	88.4	88.4		
STATE :	14 KANSAS													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	9	130	315	387	335	113	24	0	0		
1996	0	0	0	9	139	454	841	1176	1289	1313	1313	1313		
1996	.0	.0	.0	35.6	105.1	107.2	95.1	91.7	88.4	88.1	88.1	88.1		
1997	0	0	10	0	50	255	429	341	201	30	0	0		
1997	0	0	10	10	60	315	744	1085	1286	1316	1316	1316		
1997	.0	.0	142.9	39.5	45.4	74.4	84.1	84.6	88.2	88.3	88.3	88.3		
STATE :	15 KENTUCKY													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	1	129	238	282	301	114	24	0	0		
1996	0	0	0	1	130	368	650	951	1065	1089	1089	1089		
1996	.0	.0	.0	4.7	113.1	106.6	94.5	95.7	92.9	92.8	92.8	92.7		
1997	0	0	13	0	32	178	357	264	133	20	0	0		
1997	0	0	13	13	45	223	580	844	977	997	997	997		
1997	.0	.0	118.2	60.7	39.2	64.6	84.3	85.0	85.2	85.0	84.9	84.9		

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STATE COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC												1997--BASE TEMP = 65 DEG F	
STATE :	16 LOUISIANA												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1996	25	18	17	71	368	434	541	482	357	147	42	22	
1996	25	43	60	131	499	933	1474	1956	2313	2460	2502	2524	
1996	92.3	93.9	61.2	61.2	101.2	100.0	101.3	99.5	98.9	98.8	98.8	99.0	
1997	29	22	106	44	253	417	559	523	425	153	15	7	
1997	29	51	157	201	454	871	1430	1953	2378	2531	2546	2553	
1997	107.0	111.4	160.0	93.8	92.1	93.4	98.3	99.4	101.7	101.6	100.5	100.1	
STATE :	17 MAINE												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1996	0	0	0	0	0	20	65	87	4	0	0	0	
1996	0	0	0	0	0	20	85	172	176	176	176	176	
1996	.0	.0	.0	.0	.0	90.9	67.2	81.5	81.6	81.6	81.6	81.6	
1997	0	0	0	0	0	23	103	71	0	0	0	0	
1997	0	0	0	0	0	23	126	197	197	197	197	197	
1997	.0	.0	.0	.0	.0	104.5	99.6	93.3	91.4	91.4	91.4	91.4	
STATE :	18 MARYLAND & D.C.												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1996	0	0	0	0	27	253	283	258	122	11	0	0	
1996	0	0	0	0	27	280	563	821	943	954	954	954	
1996	.0	.0	.0	.0	50.2	110.2	96.2	93.8	94.8	94.6	94.6	94.6	
1997	0	0	0	0	20	173	360	263	104	12	0	0	
1997	0	0	0	0	20	193	553	816	920	932	932	932	
1997	.0	.0	.0	.0	37.2	76.0	94.4	93.2	92.5	92.4	92.4	92.4	
STATE :	19 MASSACHUSETTS												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1996	0	0	0	0	0	85	158	160	25	0	0	0	
1996	0	0	0	0	0	85	243	403	428	428	428	428	
1996	.0	.0	.0	.0	.0	121.3	94.6	98.3	98.6	98.5	98.5	98.5	
1997	0	0	0	0	0	74	193	142	24	0	0	0	
1997	0	0	0	0	0	74	267	409	433	433	433	433	
1997	.0	.0	.0	.0	.0	105.6	104.0	99.8	99.7	99.6	99.6	99.6	
STATE :	20 MICHIGAN												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1996	0	0	0	0	14	130	126	198	35	1	0	0	
1996	0	0	0	0	14	144	270	468	503	504	504	504	
1996	.0	.0	.0	.0	40.6	96.8	75.8	90.3	89.8	89.1	89.1	89.1	
1997	0	0	0	0	1	122	181	92	28	0	0	0	
1997	0	0	0	0	1	123	304	396	424	424	424	424	
1997	.0	.0	.0	.0	2.9	82.7	85.3	76.4	75.7	75.0	75.0	75.0	

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COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC													1997--BASE TEMP = 65 DEG F	
STATE :	21 MINNESOTA													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	0	12	112	127	150	22	0	0	0		
1996	0	0	0	0	12	124	251	401	423	423	423	423		
1996	.0	.0	.0	.0	36.5	91.1	76.0	86.1	87.2	86.8	86.8	86.8		
1997	0	0	0	0	8	143	157	104	37	1	0	0		
1997	0	0	0	0	8	151	308	412	449	450	450	450		
1997	.0	.0	.0	.0	24.3	110.9	93.2	88.4	92.5	92.3	92.3	92.3		
STATE :	22 MISSISSIPPI													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	12	7	10	29	296	379	484	424	259	93	9	11		
1996	12	19	29	58	354	733	1217	1641	1900	1993	2002	2013		
1996	84.5	80.5	49.4	44.7	103.9	100.7	100.5	98.2	96.2	96.2	95.9	96.1		
1997	14	13	71	17	156	330	505	430	335	90	1	1		
1997	14	27	98	115	271	601	1106	1536	1871	1961	1962	1963		
1997	98.6	114.4	167.0	88.6	79.5	82.6	91.3	91.9	94.7	94.6	94.0	93.7		
STATE :	23 MISSOURI													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	1	109	242	311	318	91	20	0	0		
1996	0	0	0	1	110	352	663	981	1072	1092	1092	1092		
1996	.0	.0	.0	5.0	91.4	93.9	85.8	88.6	85.4	85.2	85.2	85.2		
1997	0	0	9	0	36	214	395	289	152	22	0	0		
1997	0	0	9	9	45	259	654	943	1095	1117	1117	1117		
1997	.0	.0	136.4	44.8	37.4	69.1	84.6	85.1	87.3	87.1	87.1	87.1		
STATE :	24 MONTANA													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	0	0	48	107	107	9	0	0	0		
1996	0	0	0	0	0	48	155	262	271	271	271	271		
1996	.0	.0	.0	.0	.0	101.3	102.1	108.4	104.5	104.5	104.5	104.5		
1997	0	0	0	0	3	49	75	86	35	0	0	0		
1997	0	0	0	0	3	52	127	213	248	248	248	248		
1997	.0	.0	.0	.0	58.8	109.7	83.7	88.2	95.6	95.6	95.6	95.6		
STATE :	25 NEBRASKA													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	0	35	225	253	226	57	10	0	0		
1996	0	0	0	0	35	260	513	739	796	806	806	806		
1996	.0	.0	.0	.0	43.2	85.8	77.4	78.0	76.5	76.6	76.6	76.6		
1997	0	0	0	0	26	229	345	238	120	10	0	0		
1997	0	0	0	0	26	255	600	838	958	968	968	968		
1997	.0	.0	.0	.0	32.1	84.1	90.6	88.5	92.1	92.0	92.0	92.0		

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 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 : 26 NEVADA												1997--BASE TEMP = 65 DEG F	
STATE :	COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1996	0	6	13	73	184	366	577	512	233	63	4	0	
1996	0	6	19	92	276	642	1219	1731	1964	2027	2031	2031	
1996	.0	545.5	275.4	208.1	172.2	144.7	135.3	132.7	130.0	129.0	129.2	129.2	
1997	0	0	24	46	259	298	437	486	278	61	4	0	
1997	0	0	24	70	329	627	1064	1550	1828	1889	1893	1893	
1997	.0	.0	347.8	158.4	205.2	141.3	118.1	118.8	121.0	120.2	120.4	120.4	
STATE : 27 NEW HAMPSHIRE													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1996	0	0	0	0	0	58	111	119	14	0	0	0	
1996	0	0	0	0	0	58	169	288	302	302	302	302	
1996	.0	.0	.0	.0	.0	124.5	94.7	102.8	104.4	104.4	104.4	104.4	
1997	0	0	0	0	0	50	104	94	7	0	0	0	
1997	0	0	0	0	0	50	154	248	255	255	255	255	
1997	.0	.0	.0	.0	.0	107.3	86.3	88.5	88.1	88.1	88.1	88.1	
STATE : 28 NEW JERSEY													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1996	0	0	0	0	11	171	215	227	91	4	0	0	
1996	0	0	0	0	11	182	397	624	715	719	719	719	
1996	.0	.0	.0	.0	42.6	108.8	88.6	90.9	93.3	92.8	92.8	92.8	
1997	0	0	0	0	7	116	287	201	64	4	0	0	
1997	0	0	0	0	7	123	410	611	675	679	679	679	
1997	.0	.0	.0	.0	27.1	73.5	91.5	89.0	88.1	87.7	87.7	87.7	
STATE : 29 NEW MEXICO													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1996	0	0	0	10	144	271	339	254	59	5	0	0	
1996	0	0	0	10	154	425	764	1018	1077	1082	1082	1082	
1996	.0	.0	.0	123.5	279.5	168.1	136.9	128.0	121.9	121.5	121.5	121.5	
1997	0	0	1	1	69	181	303	269	165	5	0	0	
1997	0	0	1	2	71	252	555	824	989	994	994	994	
1997	.0	.0	333.3	24.7	128.9	99.7	99.5	103.6	111.9	111.7	111.7	111.7	
STATE : 30 NEW YORK													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1996	0	0	0	0	8	128	179	203	68	0	0	0	
1996	0	0	0	0	8	136	315	518	586	586	586	586	
1996	.0	.0	.0	.0	45.7	108.5	86.1	90.4	92.0	91.4	91.4	91.4	
1997	0	0	0	0	3	108	227	177	54	0	0	0	
1997	0	0	0	0	3	111	338	515	569	569	569	569	
1997	.0	.0	.0	.0	17.1	88.6	92.4	89.8	89.3	88.7	88.7	88.7	

LINE 1 = COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)  
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 PERCENTAGE OF 9999.9 => 10000



STATE COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC 1997--BASE TEMP = 65 DEG F												
STATE :	31 NORTH CAROLINA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1996	2	0	0	9	136	293	386	307	168	35	0	2
1996	2	2	2	11	147	440	826	1133	1301	1336	1336	1338
1996	55.6	46.5	14.7	40.3	107.0	109.0	105.4	99.8	98.5	98.1	97.9	97.9
1997	3	2	23	0	53	190	410	312	176	35	0	0
1997	3	5	28	28	81	271	681	993	1169	1204	1204	1204
1997	83.3	116.3	205.9	102.6	59.0	67.1	86.9	87.5	88.5	88.4	88.2	88.1
STATE :	32 NORTH DAKOTA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1996	0	0	0	0	10	112	120	174	19	0	0	0
1996	0	0	0	0	10	122	242	416	435	435	435	435
1996	.0	.0	.0	.0	35.6	98.7	79.8	92.5	92.3	92.2	92.2	92.2
1997	0	0	0	0	11	145	159	136	47	0	0	0
1997	0	0	0	0	11	156	315	451	498	498	498	498
1997	.0	.0	.0	.0	39.1	126.2	103.8	100.2	105.7	105.6	105.6	105.6
STATE :	33 OHIO											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1996	0	0	0	0	33	171	188	213	64	7	0	0
1996	0	0	0	0	33	204	392	605	669	676	676	676
1996	.0	.0	.0	.0	61.3	100.1	87.4	93.2	91.6	91.3	91.3	91.3
1997	0	0	0	0	10	135	225	135	54	5	0	0
1997	0	0	0	0	10	145	370	505	559	564	564	564
1997	.0	.0	.0	.0	18.6	71.2	82.5	77.8	76.6	76.2	76.2	76.2
STATE :	34 OKLAHOMA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1996	0	0	2	28	271	387	505	416	185	51	0	0
1996	0	0	2	30	301	688	1193	1609	1794	1845	1845	1845
1996	.0	.0	11.2	44.4	135.2	117.9	106.9	99.9	95.6	95.1	95.0	95.0
1997	0	0	22	10	103	305	521	416	298	56	0	0
1997	0	0	22	32	135	440	961	1377	1675	1731	1731	1731
1997	.0	.0	123.6	47.4	60.6	75.4	86.1	85.5	89.3	89.2	89.2	89.2
STATE :	35 OREGON											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1996	0	0	0	0	0	16	144	103	11	0	0	0
1996	0	0	0	0	0	16	160	263	274	274	274	274
1996	.0	.0	.0	.0	.0	63.7	160.3	144.5	132.4	132.4	132.4	132.4
1997	0	0	0	0	14	16	77	126	39	0	0	0
1997	0	0	0	0	14	30	107	233	272	272	272	272
1997	.0	.0	.0	.0	1400.0	119.5	107.2	128.0	131.5	131.4	131.4	131.4

LINE 1 = COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)  
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 PERCENTAGE OF 9999.9 => 10000

STATE COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC 1997--BASE TEMP = 65 DEG F												
STATE :	36 PENNSYLVANIA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1996	0	0	0	0	16	166	179	192	66	2	0	0
1996	0	0	0	0	16	182	361	553	619	621	621	621
1996	.0	.0	.0	.0	50.0	115.3	92.2	94.0	94.7	94.2	94.2	94.2
1997	0	0	0	0	7	113	226	156	46	4	0	0
1997	0	0	0	0	7	120	346	502	548	552	552	552
1997	.0	.0	.0	.0	21.9	76.0	88.3	85.4	83.9	83.7	83.7	83.7
STATE :	37 RHODE ISLAND											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1996	0	0	0	0	0	79	145	171	38	0	0	0
1996	0	0	0	0	0	79	224	395	433	433	433	433
1996	.0	.0	.0	.0	.0	133.7	90.2	94.0	94.8	94.7	94.7	94.7
1997	0	0	0	0	0	72	197	150	36	0	0	0
1997	0	0	0	0	0	72	269	419	455	455	455	455
1997	.0	.0	.0	.0	.0	121.8	108.3	99.7	99.6	99.5	99.5	99.5
STATE :	38 SOUTH CAROLINA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1996	7	3	5	21	225	344	467	381	230	53	1	5
1996	7	10	15	36	261	605	1072	1453	1683	1736	1737	1742
1996	74.5	77.5	44.8	51.6	107.7	104.1	104.1	100.4	99.0	97.9	97.4	97.5
1997	11	7	59	10	89	240	460	371	251	65	1	1
1997	11	18	77	87	176	416	876	1247	1498	1563	1564	1565
1997	117.0	139.5	229.9	124.8	72.6	71.6	85.1	86.1	88.1	88.2	87.7	87.6
STATE :	39 SOUTH DAKOTA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1996	0	0	0	0	15	165	187	212	38	0	0	0
1996	0	0	0	0	15	180	367	579	617	617	617	617
1996	.0	.0	.0	.0	31.7	86.3	72.8	78.3	76.9	76.7	76.7	76.7
1997	0	0	0	0	14	174	249	187	87	3	0	0
1997	0	0	0	0	14	188	437	624	711	714	714	714
1997	.0	.0	.0	.0	29.6	90.1	86.6	84.3	88.7	88.7	88.7	88.7
STATE :	40 TENNESSEE											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1996	0	0	0	2	159	264	332	321	134	32	0	0
1996	0	0	0	2	161	425	757	1078	1212	1244	1244	1244
1996	.0	.0	.0	6.2	111.3	104.5	97.1	96.3	93.4	93.1	93.1	93.0
1997	0	3	21	0	48	196	393	292	170	27	0	0
1997	0	3	24	24	72	268	661	953	1123	1150	1150	1150
1997	.0	88.2	160.0	74.3	49.8	65.9	84.8	85.1	86.5	86.1	86.0	86.0

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 PERCENTAGE OF 9999.9 => 10000

STATE COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC												1997--BASE TEMP = 65 DEG F		
STATE :														
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	13	19	19	92	431	494	610	518	338	157	44	16		
1996	13	32	51	143	574	1068	1678	2196	2534	2691	2735	2751		
1996	105.7	128.5	64.1	69.1	118.7	114.6	112.5	107.6	105.0	104.6	104.7	104.9		
1997	9	12	75	45	221	416	582	560	439	152	14	5		
1997	9	21	96	141	362	778	1360	1920	2359	2511	2525	2530		
1997	73.2	84.3	120.6	68.1	74.8	83.5	91.2	94.0	97.7	97.6	96.7	96.4		
STATE :	42 UTAH													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	2	22	175	331	261	43	1	0	0		
1996	0	0	0	2	24	199	530	791	834	835	835	835		
1996	.0	.0	.0	90.9	109.1	147.7	128.4	125.3	120.7	120.2	120.2	120.2		
1997	0	0	0	1	44	133	223	273	89	2	0	0		
1997	0	0	0	1	45	178	401	674	763	765	765	765		
1997	.0	.0	.0	45.5	204.5	132.1	97.2	106.8	110.4	110.1	110.1	110.1		
STATE :	43 VERMONT													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	0	0	49	92	106	16	0	0	0		
1996	0	0	0	0	0	49	141	247	263	263	263	263		
1996	.0	.0	.0	.0	.0	103.4	81.1	92.0	93.8	93.8	93.8	93.8		
1997	0	0	0	0	0	49	75	58	4	0	0	0		
1997	0	0	0	0	0	49	124	182	186	186	186	186		
1997	.0	.0	.0	.0	.0	103.4	71.3	67.8	66.3	66.3	66.3	66.3		
STATE :	44 VIRGINIA													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	3	47	238	277	242	115	16	0	0		
1996	0	0	0	3	50	288	565	807	922	938	938	938		
1996	.0	.0	.0	50.0	72.7	104.0	93.5	89.9	89.5	89.2	89.1	89.1		
1997	0	0	2	0	19	146	338	243	111	15	0	0		
1997	0	0	2	2	21	167	505	748	859	874	874	874		
1997	.0	.0	80.0	33.3	30.5	60.3	83.5	83.3	83.3	83.1	83.1	83.0		
STATE :	45 WASHINGTON													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	0	0	15	103	81	5	0	0	0		
1996	0	0	0	0	0	15	118	199	204	204	204	204		
1996	.0	.0	.0	.0	.0	61.5	132.0	124.5	116.6	116.6	116.6	116.6		
1997	0	0	0	0	4	15	64	118	28	0	0	0		
1997	0	0	0	0	4	19	83	201	229	229	229	229		
1997	.0	.0	.0	.0	173.9	77.9	92.8	125.7	130.9	130.9	130.9	130.9		

LINE 1 = COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION)  
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 PERCENTAGE OF 9999.9 => 10000

STATE : 46 WEST VIRGINIA												
STATE :	COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1996	0	0	0	0	49	181	183	202	70	9	0	0
1996	0	0	0	0	49	230	413	615	685	694	694	694
1996	.0	.0	.0	.0	89.1	113.5	92.4	92.8	90.9	90.6	90.6	90.5
1997	0	0	3	0	9	122	246	152	59	7	0	0
1997	0	0	3	3	12	134	380	532	591	598	598	598
1997	.0	.0	111.1	63.8	21.8	66.1	85.0	80.3	78.4	78.0	78.0	78.0
STATE : 47 WISCONSIN												
STATE :	COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1996	0	0	0	0	6	90	110	155	24	1	0	0
1996	0	0	0	0	6	96	206	361	385	386	386	386
1996	.0	.0	.0	.0	21.8	74.8	63.8	76.4	77.3	76.8	76.8	76.8
1997	0	0	0	0	2	111	149	87	26	1	0	0
1997	0	0	0	0	2	113	262	349	375	376	376	376
1997	.0	.0	.0	.0	7.3	88.0	81.1	73.8	75.3	74.8	74.8	74.8
STATE : 48 WYOMING												
STATE :	COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 1990 POPULATION), THRU DEC											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1996	0	0	0	0	0	69	126	101	11	0	0	0
1996	0	0	0	0	0	69	195	296	307	307	307	307
1996	.0	.0	.0	.0	.0	118.8	100.9	102.2	99.6	99.5	99.5	99.5
1997	0	0	0	0	2	65	102	87	30	0	0	0
1997	0	0	0	0	2	67	169	256	286	286	286	286
1997	.0	.0	.0	.0	52.6	115.3	87.4	88.4	92.8	92.7	92.7	92.7

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

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

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	01	ARIZONA	.26830
02	MIDDLE ATLANTIC					02	COLORADO	.24120
01	NEW JERSEY	.20560	05	SOUTH ATLANTIC		03	IDAHO	.07370
02	NEW YORK	.47840	01	DELAWARE	.01530	04	MONTANA	.05860
03	PENNSYLVANIA	.31600	02	FLORIDA	.29700	05	NEVADA	.08800
			03	GEORGIA	.14870	06	NEW MEXICO	.11090
03	EAST NORTH CENTRAL		04	MARYLAND AND D.C.	.12370	07	UTAH	.12610
01	ILLINOIS	.27210	05	NORTH CAROLINA	.15210	08	WYOMING	.03320
02	INDIANA	.13200	06	SOUTH CAROLINA	.08000			
03	MICHIGAN	.22130	07	VIRGINIA	.14200	09	PACIFIC (AK,HI OMITTED)	
04	OHIO	.25820	08	WEST VIRGINIA	.04120	01	CALIFORNIA	.79420
05	WISCONSIN	.11640				02	OREGON	.07590
			06	EAST SOUTH CENTRAL		03	WASHINGTON	.12990
			01	ALABAMA	.26620			
			02	KENTUCKY	.24280			
			03	MISSISSIPPI	.16960			
			04	TENNESSEE	.32140			

REGIONAL COOLING DEGREE DAYS (STATES WEIGHTED BY 1990 POPULATION), THRU DEC													1997--BASE TEMP = 65 DEG F	
REGION :	1 NEW ENGLAND													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	0	0	78	142	154	26	0	0	0		
1996	0	0	0	0	0	78	220	374	400	400	400	400		
1996	.0	.0	.0	.0	.0	114.9	89.1	94.7	95.2	95.1	95.1	95.1		
1997	0	0	0	0	0	67	176	130	22	0	0	0		
1997	0	0	0	0	0	67	243	373	395	395	395	395		
1997	.0	.0	.0	.0	.0	98.7	98.4	94.5	94.0	93.9	93.9	93.9		
REGION :	2 MIDDLE ATLANTIC													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	0	11	149	186	204	72	1	0	0		
1996	0	0	0	0	11	160	346	550	622	623	623	623		
1996	.0	.0	.0	.0	45.3	110.5	88.4	91.4	92.9	92.3	92.3	92.3		
1997	0	0	0	0	5	111	239	175	54	2	0	0		
1997	0	0	0	0	5	116	355	530	584	586	586	586		
1997	.0	.0	.0	.0	20.6	80.1	90.7	88.1	87.2	86.8	86.8	86.8		
REGION :	3 E. N. CENTRAL													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	0	30	155	170	216	51	7	0	0		
1996	0	0	0	0	30	185	355	571	622	629	629	629		
1996	.0	.0	.0	.0	55.6	89.6	77.9	87.0	85.8	85.5	85.5	85.4		
1997	0	0	1	0	11	140	226	135	55	6	0	0		
1997	0	0	1	1	12	152	378	513	568	574	574	574		
1997	.0	.0	100.0	43.5	22.2	73.6	83.0	78.2	78.3	78.0	78.0	78.0		
REGION :	4 W. N. CENTRAL													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	0	0	0	2	61	201	242	243	61	11	0	0		
1996	0	0	0	2	63	264	506	749	810	821	821	821		
1996	.0	.0	.0	18.0	75.5	93.4	83.2	86.0	84.0	83.7	83.7	83.7		
1997	0	0	4	0	25	197	304	220	110	13	0	0		
1997	0	0	4	4	29	226	530	750	860	873	873	873		
1997	.0	.0	117.6	36.0	34.8	79.9	87.2	86.1	89.1	89.0	89.0	89.0		
REGION :	5 SOUTH ATLANTIC													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1996	26	20	23	56	201	328	411	362	252	109	47	32		
1996	26	46	69	125	326	654	1065	1427	1679	1788	1835	1867		
1996	85.5	80.6	66.0	70.9	92.5	98.2	98.7	97.1	97.1	96.8	96.8	96.9		
1997	35	51	95	59	140	265	435	367	256	113	42	28		
1997	35	86	181	240	380	645	1080	1447	1703	1816	1858	1886		
1997	115.1	150.6	173.0	136.2	107.8	96.8	100.1	98.5	98.5	98.3	98.0	97.9		

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												1997--BASE TEMP = 65 DEG F	
REGION :	6 E. S. CENTRAL												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1996	4	2	4	11	197	298	375	354	173	50	3	3	
1996	4	6	10	21	218	516	891	1245	1418	1468	1471	1474	
1996	56.3	55.6	33.3	32.9	105.8	102.5	98.3	97.2	94.6	94.4	94.2	94.2	
1997	7	6	39	6	79	232	422	333	221	48	0	0	
1997	7	13	52	58	137	369	791	1124	1345	1393	1393	1393	
1997	98.6	120.4	173.3	90.9	66.5	73.3	87.3	87.8	89.7	89.5	89.2	89.0	
REGION :	7 W. S. CENTRAL												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1996	12	15	15	74	385	459	573	490	310	133	35	14	
1996	12	27	42	116	501	960	1533	2023	2333	2466	2501	2515	
1996	97.6	114.9	59.7	64.7	116.0	111.7	109.3	104.8	102.3	102.0	102.1	102.3	
1997	10	11	70	37	201	392	565	523	405	132	11	4	
1997	10	21	91	128	329	721	1286	1809	2214	2346	2357	2361	
1997	81.3	89.4	129.4	71.3	76.2	83.9	91.7	93.7	97.1	97.1	96.2	96.0	
REGION :	8 MOUNTAIN												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1996	0	7	13	49	135	270	381	329	137	52	8	0	
1996	0	7	20	69	204	474	855	1184	1321	1373	1381	1381	
1996	.0	304.3	194.2	166.7	160.9	139.0	126.1	122.7	118.1	117.4	117.7	117.7	
1997	0	2	25	32	153	213	322	321	212	49	6	0	
1997	0	2	27	59	212	425	747	1068	1280	1329	1335	1335	
1997	.0	87.0	262.1	142.5	167.2	124.7	110.1	110.7	114.5	113.7	113.8	113.7	
REGION :	9 PACIFIC												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1996	3	3	6	29	54	118	251	245	116	25	6	0	
1996	3	6	12	41	95	213	464	709	825	850	856	856	
1996	214.3	240.0	206.9	224.0	193.5	145.6	137.8	133.9	126.6	123.2	123.4	123.3	
1997	2	0	15	19	113	104	179	239	200	41	9	0	
1997	2	2	17	36	149	253	432	671	871	912	921	921	
1997	142.9	80.0	293.1	196.7	303.5	172.9	128.3	126.7	133.6	132.2	132.7	132.7	

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										1997--BASE TEMP = 65 DEG F		
REGION :	11 NATIONAL											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1996	7	6	8	26	116	226	299	287	139	45	14	7
1996	7	13	21	47	163	389	688	975	1114	1159	1173	1180
1996	94.6	93.5	70.5	77.4	105.0	107.0	101.2	100.8	99.4	98.8	98.9	98.9
1997	8	11	31	19	81	189	315	268	171	48	10	5
1997	8	19	50	69	150	339	654	922	1093	1141	1151	1156
1997	108.1	136.7	167.8	113.7	96.6	93.3	96.2	95.3	97.5	97.3	97.0	96.9

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	JAN	STATE FEB	AVERAGE MAR	TEMPERATURE APR	(DEG F) MAY	(DIVISIONS JUN	WEIGHTED JUL	BY AREA) AUG	-- 1996 SEP	OCT	NOV	DEC
ALABAMA	43.1	46.7	50.5	59.8	72.8	76.6	79.6	78.0	72.2	62.7	52.7	48.8
ARIZONA	45.1	51.2	55.3	60.9	70.8	78.6	83.3	81.1	71.2	62.7	52.7	48.8
ARKANSAS	38.4	44.4	48.7	55.8	70.7	76.7	79.7	78.1	71.2	61.1	51.9	45.2
CALIFORNIA	47.5	51.7	54.3	60.7	72.5	78.4	83.3	81.1	70.2	61.1	51.9	45.2
COLORADO	23.8	30.3	33.4	40.0	44.3	63.8	68.8	66.6	56.2	46.6	33.6	22.8
CONNECTICUT	24.7	30.7	33.3	40.0	44.3	63.8	68.8	66.6	56.2	46.6	33.6	22.8
DELAWARE	34.7	39.7	44.4	51.8	60.5	67.3	73.4	70.9	60.6	51.4	44.4	39.7
FLORIDA	53.7	58.8	61.0	68.8	77.3	79.3	82.2	80.0	77.3	70.2	61.1	51.9
GEORGIA	44.7	50.8	56.6	64.4	73.0	76.9	80.0	77.7	64.4	53.3	44.4	39.7
IDAHO	22.5	27.7	33.3	41.7	49.4	60.4	68.0	65.5	54.4	45.4	33.3	22.5
ILLINOIS	24.3	30.9	33.4	40.0	44.3	63.8	68.8	66.6	56.2	46.6	33.6	22.8
INDIANA	25.3	30.9	33.4	40.0	44.3	63.8	68.8	66.6	56.2	46.6	33.6	22.8
IOWA	16.0	22.3	23.3	30.7	36.6	69.9	70.9	70.6	61.2	51.4	44.4	39.7
KANSAS	27.7	33.3	33.3	40.0	44.3	63.8	68.8	66.6	56.2	46.6	33.6	22.8
KENTUCKY	32.7	39.7	44.4	51.8	60.5	72.7	74.7	74.7	60.6	51.4	44.4	39.7
LOUISIANA	48.2	51.6	54.4	60.7	74.9	79.1	82.2	80.0	77.7	70.2	61.1	51.9
MAINE	13.8	16.2	22.2	34.4	43.8	61.7	64.7	64.3	56.0	46.6	33.6	22.8
MARYLAND & D.C.	30.0	34.6	39.9	45.4	51.1	72.2	73.9	72.2	67.8	54.4	44.4	39.7
MASSACHUSETTS	25.0	30.6	33.3	40.0	44.3	63.8	68.8	66.6	56.2	46.6	33.6	22.8
MICHIGAN	17.7	19.0	23.3	33.3	38.3	55.1	66.4	66.0	61.1	51.4	44.4	39.7
MINNESOTA	11.8	14.4	19.7	27.7	33.3	65.2	66.6	68.8	73.8	44.4	33.3	22.8
MISSISSIPPI	44.7	50.8	56.6	64.4	73.0	76.9	80.0	77.7	64.4	53.3	44.4	39.7
MISSOURI	27.7	33.3	33.3	40.0	44.3	63.8	68.8	66.6	56.2	46.6	33.6	22.8
MONTANA	12.2	22.4	23.3	30.7	36.6	62.2	67.4	67.8	54.4	45.4	33.3	22.8
NEBRASKA	18.9	22.4	23.3	30.7	36.6	70.8	70.8	71.1	60.6	51.4	44.4	39.7
NEVADA	34.7	39.7	44.4	51.8	60.5	67.3	75.2	72.2	60.6	51.4	44.4	39.7
NEW HAMPSHIRE	11.8	14.4	19.7	27.7	33.3	62.2	67.4	67.8	54.4	45.4	33.3	22.8
NEW JERSEY	29.9	33.3	33.3	40.0	44.3	63.8	68.8	66.6	56.2	46.6	33.6	22.8
NEW MEXICO	36.7	42.4	48.4	54.4	60.7	72.7	74.7	72.2	60.6	51.4	44.4	39.7
NEW YORK	19.5	23.3	23.3	30.7	36.6	66.6	67.7	68.8	60.6	51.4	44.4	39.7
NORTH CAROLINA	38.7	42.1	45.4	51.8	60.5	74.4	77.7	74.7	60.6	51.4	44.4	39.7
NORTH DAKOTA	14.5	14.4	19.7	27.7	33.3	66.6	67.7	69.9	60.6	51.4	44.4	39.7
OHIO	22.5	28.8	33.3	40.0	44.3	65.5	70.8	69.9	61.2	51.4	44.4	39.7
OKLAHOMA	33.6	44.4	48.7	55.8	70.8	77.7	83.3	77.7	69.9	60.6	51.4	44.4
OREGON	34.4	44.4	48.7	55.8	70.8	77.7	83.3	77.7	69.9	60.6	51.4	44.4
PENNSYLVANIA	24.2	29.9	33.3	40.0	44.3	63.8	68.8	66.6	56.2	46.6	33.6	22.8
RHODE ISLAND	28.2	33.3	33.3	40.0	44.3	63.8	68.8	66.6	56.2	46.6	33.6	22.8
SOUTH CAROLINA	43.7	50.8	56.6	64.4	73.0	76.9	80.0	77.7	64.4	53.3	44.4	39.7
SOUTH DAKOTA	10.5	22.3	23.3	30.7	36.6	67.7	69.9	71.4	59.4	44.4	33.3	22.8
TENNESSEE	33.5	40.0	45.4	51.8	60.5	73.3	75.5	75.5	60.6	51.4	44.4	39.7
TEXAS	45.7	50.8	56.6	64.4	73.0	76.9	80.0	77.7	64.4	53.3	44.4	39.7
UTAH	30.1	34.4	42.4	51.8	60.5	68.8	74.8	72.2	60.6	51.4	44.4	39.7
VERMONT	15.4	19.0	23.3	30.7	36.6	63.8	63.8	66.6	59.4	44.4	33.3	22.8
VIRGINIA	33.0	39.7	44.4	51.8	60.5	72.7	73.3	72.2	60.6	51.4	44.4	39.7
WASHINGTON	30.9	33.3	33.3	40.0	44.3	63.8	68.8	66.6	56.2	46.6	33.6	22.8
WEST VIRGINIA	29.3	33.3	33.3	40.0	44.3	63.8	68.8	66.6	56.2	46.6	33.6	22.8
WISCONSIN	10.4	15.9	23.3	33.3	38.3	64.7	66.6	67.7	59.4	44.4	33.3	22.8
WYOMING	17.9	24.2	28.8	36.6	41.4	61.6	67.0	65.7	53.6	43.1	30.0	22.1

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

AREA	REGIONAL & NATIONAL AVERAGE TEMPERATURE (DEG F) (WEIGHTED BY AREA)											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	-- 1996 OCT	NOV	DEC
NEW ENGLAND	16.8	19.4	27.4	41.4	51.3	63.5	66.4	66.4	58.6	45.4	32.6	30.4
MIDDLE ATLANTIC	22.4	25.2	30.6	45.3	55.2	67.6	68.4	69.1	62.2	50.3	34.9	33.9
E. N. CENTRAL	19.9	24.0	29.4	44.0	56.5	68.0	69.0	70.6	62.1	51.4	32.4	27.9
W. N. CENTRAL	14.5	24.8	28.2	45.0	57.2	69.5	71.3	71.6	61.0	50.4	27.9	19.1
SOUTH ATLANTIC	42.2	45.5	48.4	59.6	69.8	75.4	77.9	76.2	71.8	62.2	50.3	47.8
E. S. CENTRAL	39.4	42.8	46.6	57.3	71.0	75.3	77.7	76.8	70.2	60.9	48.6	45.9
W. S. CENTRAL	43.6	50.2	51.1	62.8	76.8	80.0	82.8	79.9	73.2	64.9	53.6	48.2
MOUNTAIN	28.0	34.2	38.0	48.5	57.1	67.1	72.4	70.5	59.5	49.3	37.3	29.8
PACIFIC	40.3	42.8	47.9	53.6	57.7	65.5	73.6	71.9	63.1	54.8	46.1	40.3
NATIONAL	30.2	35.9	39.5	51.4	61.8	70.5	74.1	73.0	64.2	54.4	40.3	34.4

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

AREA	JAN	STATE FEB	AVERAGE MAR	TEMPERATURE APR	(DEG F) MAY	(DIVISIONS JUN	WEIGHTED JUL	BY AREA) AUG	-- 1997 SEP	OCT	NOV	DEC
ALABAMA	45.5	50.2	61.9	58.7	67.1	74.0	80.2	77.8	75.0	61.2	50.0	44.6
ARIZONA	43.7	45.5	55.7	55.4	71.7	74.6	80.0	80.1	76.0	63.2	50.0	44.6
ARKANSAS	43.8	44.6	55.5	55.5	66.1	74.3	80.0	77.8	73.3	60.7	45.7	44.0
CALIFORNIA	46.7	46.6	55.5	55.5	66.1	74.3	80.0	75.1	75.7	60.7	45.7	44.0
COLORADO	22.3	22.6	33.8	33.2	44.4	62.8	67.7	65.6	60.0	44.4	33.3	22.9
CONNECTICUT	42.8	44.4	55.5	55.5	66.1	74.3	80.0	77.1	71.0	60.7	45.7	44.0
DELAWARE	32.2	32.2	44.4	44.4	55.5	66.1	74.3	77.1	74.7	60.7	45.7	44.0
FLORIDA	55.9	56.4	70.7	66.6	74.9	78.9	82.0	81.7	77.5	60.7	45.7	44.0
GEORGIA	44.4	48.9	60.7	60.7	71.9	73.6	80.0	80.0	77.5	60.7	45.7	44.0
IDAHO	22.2	25.8	33.3	44.4	44.4	60.0	69.5	67.5	55.7	44.4	33.3	22.9
ILLINOIS	22.1	22.2	33.3	44.4	44.4	70.0	75.5	71.1	66.5	44.4	33.3	22.9
INDIANA	23.1	22.0	33.3	44.4	44.4	69.3	74.0	70.0	66.5	44.4	33.3	22.9
IOWA	14.4	22.8	33.3	44.4	44.4	70.0	73.3	70.0	64.6	44.4	33.3	22.9
KANSAS	32.2	32.2	44.4	44.4	55.5	72.2	78.0	75.3	70.0	44.4	33.3	22.9
KENTUCKY	32.2	32.2	44.4	44.4	55.5	72.2	78.0	73.3	67.7	44.4	33.3	22.9
LOUISIANA	44.4	44.4	55.5	55.5	66.1	74.3	80.0	83.3	81.4	60.7	45.7	44.0
MAINE	13.3	17.7	22.2	33.3	44.4	61.1	66.6	63.3	55.5	44.4	33.3	22.9
MARYLAND & D.C.	33.3	40.0	44.4	55.5	66.1	76.6	80.0	72.2	66.6	44.4	33.3	22.9
MASSACHUSETTS	22.2	22.2	33.3	44.4	44.4	66.6	70.0	68.8	63.3	44.4	33.3	22.9
MICHIGAN	18.0	22.2	33.3	44.4	44.4	66.6	70.0	67.7	63.3	44.4	33.3	22.9
MINNESOTA	44.4	50.0	60.7	60.7	71.9	75.5	80.0	78.8	75.0	60.7	45.7	44.0
MISSISSIPPI	44.4	50.0	60.7	60.7	71.9	75.5	80.0	78.8	75.0	60.7	45.7	44.0
MISSOURI	22.2	22.2	33.3	44.4	44.4	66.6	70.0	67.7	63.3	44.4	33.3	22.9
MONTANA	11.1	11.1	22.2	33.3	44.4	62.2	66.6	66.6	66.6	44.4	33.3	22.9
NEBRASKA	20.0	22.2	33.3	44.4	44.4	70.0	74.0	74.0	71.1	44.4	33.3	22.9
NEVADA	32.2	32.2	44.4	44.4	55.5	64.4	70.0	71.1	65.5	44.4	33.3	22.9
NEW HAMPSHIRE	11.1	11.1	22.2	33.3	44.4	62.2	66.6	66.6	66.6	44.4	33.3	22.9
NEW JERSEY	31.1	33.3	44.4	44.4	55.5	66.6	74.4	74.4	71.1	44.4	33.3	22.9
NEW MEXICO	33.3	33.3	44.4	44.4	55.5	66.6	73.3	72.2	68.8	44.4	33.3	22.9
NEW YORK	20.0	27.7	33.3	44.4	44.4	66.6	67.7	65.5	67.7	44.4	33.3	22.9
NORTH CAROLINA	40.0	46.6	55.5	55.5	66.1	70.0	78.8	74.4	65.5	44.4	33.3	22.9
NORTH DAKOTA	11.1	11.1	22.2	33.3	44.4	62.2	66.6	67.7	63.3	44.4	33.3	22.9
OHIO	25.5	33.3	44.4	44.4	55.5	66.6	72.2	68.8	61.1	44.4	33.3	22.9
OKLAHOMA	33.7	44.4	55.5	55.5	66.1	74.3	80.0	78.8	74.4	60.7	45.7	44.0
OREGON	33.4	33.4	44.4	44.4	55.5	66.6	74.3	74.3	67.7	44.4	33.3	22.9
PENNSYLVANIA	29.5	33.3	44.4	44.4	55.5	66.6	70.0	67.7	63.3	44.4	33.3	22.9
RHODE ISLAND	29.9	33.3	44.4	44.4	55.5	66.6	71.1	69.9	63.3	44.4	33.3	22.9
SOUTH CAROLINA	45.7	50.0	60.7	60.7	71.9	75.5	80.0	77.7	73.3	60.7	45.7	44.0
SOUTH DAKOTA	10.0	22.2	33.3	44.4	44.4	68.8	71.1	69.9	63.3	44.4	33.3	22.9
TENNESSEE	36.6	44.4	55.5	55.5	66.1	71.9	77.7	74.4	69.9	44.4	33.3	22.9
TEXAS	44.4	48.8	55.5	55.5	66.1	71.9	77.7	74.4	69.9	44.4	33.3	22.9
UTAH	27.7	32.2	44.4	44.4	55.5	66.6	70.0	71.1	65.5	44.4	33.3	22.9
VERMONT	16.6	22.2	33.3	44.4	44.4	66.6	65.5	63.3	55.5	44.4	33.3	22.9
VIRGINIA	34.4	41.1	47.7	55.5	66.1	74.3	80.0	77.7	72.2	60.7	45.7	44.0
WASHINGTON	31.8	33.3	44.4	44.4	55.5	66.6	71.1	68.8	61.1	44.4	33.3	22.9
WEST VIRGINIA	30.7	33.3	44.4	44.4	55.5	66.6	71.1	68.8	61.1	44.4	33.3	22.9
WISCONSIN	11.1	20.0	33.3	44.4	44.4	66.6	71.1	64.4	60.0	44.4	33.3	22.9
WYOMING	18.6	22.2	33.3	44.4	44.4	61.1	65.5	65.5	57.7	44.4	33.3	22.9

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

AREA	REGIONAL & NATIONAL AVERAGE TEMPERATURE (DEG F) (WEIGHTED BY AREA)										-- 1997	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NEW ENGLAND	17.4	22.7	26.3	39.3	49.2	62.9	67.1	64.8	57.1	45.1	33.4	24.3
MIDDLE ATLANTIC	23.6	31.0	34.7	43.6	52.3	66.2	69.4	67.0	60.2	49.8	36.9	30.9
E. N. CENTRAL	19.3	28.6	36.2	44.2	52.8	67.9	71.2	67.3	62.5	51.2	35.7	30.6
W. N. CENTRAL	15.4	25.8	35.4	43.0	52.2	69.7	73.4	70.6	64.9	51.5	33.0	28.8
SOUTH ATLANTIC	44.7	50.0	57.9	57.8	65.2	72.6	78.6	76.1	72.3	62.4	50.6	45.6
E. S. CENTRAL	40.4	47.2	56.1	55.6	64.6	73.0	79.1	76.2	72.4	60.6	47.1	41.7
W. S. CENTRAL	43.2	48.0	58.2	58.8	69.1	77.0	82.7	80.9	77.2	65.0	51.2	43.8
MOUNTAIN	27.2	32.1	41.8	44.2	58.3	65.4	70.0	70.1	63.9	49.8	38.1	28.3
PACIFIC	39.8	42.7	49.1	51.9	63.3	64.7	70.2	71.7	66.5	54.6	47.7	38.7
NATIONAL	30.3	36.5	45.2	48.7	60.1	69.1	73.8	72.4	67.2	54.7	41.5	34.4

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

AREA	-- 1996											
	JAN	STATE FEB	AVERAGE MAR	PRECIPITATION (IN.) APR	(DIVISIONS MAY	WEIGHTED JUN	BY AREA) JUL	SEP	OCT	NOV	DEC	
ALABAMA	7.54	4.16	8.52	4.89	2.63	3.53	6.91	4.93	5.90	2.25	3.46	4.80
ARIZONA	.16	1.16	.38	1.07	.06	.31	1.88	1.51	2.00	3.48	.99	1.44
ARKANSAS	2.89	1.66	3.61	4.51	3.66	4.34	5.39	2.97	5.88	3.38	2.29	3.57
CALIFORNIA	4.95	5.96	2.44	1.96	3.36	4.16	5.16	2.06	2.24	3.38	2.29	3.57
COLORADO	1.30	2.85	1.97	1.01	1.91	1.61	2.18	1.73	2.11	1.11	1.11	1.11
CONNECTICUT	7.05	2.85	3.17	1.40	3.58	1.99	2.72	2.21	2.44	1.44	1.11	1.11
DELAWARE	5.14	2.67	3.76	4.44	6.35	5.21	6.00	4.44	5.84	4.44	4.44	4.44
FLORIDA	3.57	2.11	7.57	3.33	2.22	4.00	7.77	7.33	5.01	2.22	3.33	3.33
GEORGIA	5.66	3.34	7.47	4.22	6.56	3.44	3.33	5.00	4.40	3.33	3.33	3.33
IDAHO	2.72	2.39	1.49	2.45	3.33	4.44	4.44	5.55	4.44	3.33	3.33	3.33
ILLINOIS	3.39	1.88	2.09	1.99	7.77	4.44	4.44	2.22	5.99	4.44	4.44	4.44
INDIANA	3.24	1.29	2.76	6.66	7.77	5.55	5.55	1.11	5.22	2.22	2.22	3.33
IOWA	1.94	1.27	1.41	1.65	7.51	4.44	4.44	3.33	7.74	2.22	2.22	3.33
KANSAS	4.88	1.13	1.22	4.44	4.94	3.33	4.44	5.55	4.44	2.22	2.22	3.33
KENTUCKY	4.88	2.33	5.55	5.55	6.66	5.55	5.55	5.55	6.66	5.55	5.55	4.44
LOUISIANA	3.90	1.73	3.23	4.44	2.22	4.44	6.66	2.22	5.55	3.33	3.33	3.33
MAINE	4.79	3.61	2.20	5.55	8.88	1.55	5.55	1.11	5.55	4.44	5.55	5.55
MARYLAND & D.C.	5.65	2.64	3.97	3.33	5.77	8.88	7.77	8.88	6.66	4.44	3.33	3.33
MASSACHUSETTS	7.19	3.55	1.20	3.66	1.11	2.22	5.55	3.33	6.66	4.44	3.33	3.33
MICHIGAN	2.33	1.71	1.45	3.33	2.76	4.44	8.88	1.11	3.33	2.22	3.33	3.33
MINNESOTA	1.76	2.61	5.01	5.99	3.33	6.66	3.33	4.44	5.55	3.33	3.33	3.33
MISSISSIPPI	6.17	2.75	1.96	5.55	4.44	1.11	4.44	3.33	4.44	4.44	4.44	4.44
MISSOURI	2.59	1.56	2.79	4.44	5.55	4.44	4.44	2.22	5.55	3.33	3.33	3.33
MONTANA	1.15	1.71	1.03	1.20	3.33	1.11	1.11	3.33	1.11	1.11	1.11	1.11
NEBRASKA	8.00	1.03	6.66	1.47	3.99	2.22	3.33	1.11	3.33	2.22	2.22	3.33
NEVADA	1.58	1.30	1.97	1.48	1.51	2.22	3.33	3.33	3.33	1.11	1.11	1.11
NEW HAMPSHIRE	4.75	3.14	2.18	6.66	2.22	3.33	7.77	2.22	6.66	4.44	4.44	4.44
NEW JERSEY	5.77	2.33	4.44	4.44	8.88	5.55	5.55	3.33	5.55	2.22	2.22	3.33
NEW MEXICO	1.35	4.33	1.16	1.11	1.11	2.22	5.55	7.77	1.14	1.14	1.14	1.14
NEW YORK	4.49	1.94	2.07	5.55	6.66	4.44	4.44	2.22	5.55	4.44	4.44	4.44
NORTH CAROLINA	5.23	2.83	4.44	3.33	3.33	3.33	4.44	5.55	4.44	3.33	3.33	3.33
NORTH DAKOTA	3.88	1.48	1.00	5.55	3.33	8.88	2.22	1.11	5.55	3.33	3.33	3.33
OHIO	3.81	2.20	3.33	1.55	4.44	6.66	4.44	1.11	5.55	3.33	3.33	3.33
OKLAHOMA	5.90	1.18	1.90	2.22	4.33	2.22	5.55	5.55	2.22	1.11	1.11	1.11
OREGON	5.60	5.19	5.47	3.33	1.10	3.33	8.88	6.66	8.88	5.55	4.44	4.44
PENNSYLVANIA	5.83	2.44	3.55	4.44	3.33	4.44	5.55	5.55	7.77	3.33	3.33	3.33
RHODE ISLAND	6.11	3.41	3.06	6.44	3.33	2.22	5.55	7.77	6.66	2.22	2.22	3.33
SOUTH CAROLINA	3.69	2.20	5.55	3.33	5.77	6.66	5.55	5.55	3.33	3.33	3.33	3.33
SOUTH DAKOTA	8.86	2.31	8.80	3.95	5.55	2.22	5.55	1.11	4.44	2.22	2.22	3.33
TENNESSEE	5.67	2.93	5.88	4.44	5.55	4.44	2.22	8.88	4.44	2.22	2.22	3.33
TEXAS	1.50	1.26	1.80	1.50	1.34	2.22	5.55	9.99	6.66	1.11	1.11	1.11
UTAH	4.31	2.20	1.11	1.11	2.22	3.33	1.11	7.77	2.22	2.22	2.22	3.33
VERMONT	4.53	2.35	1.56	6.66	5.55	4.44	4.44	3.33	5.55	4.44	4.44	4.44
VIRGINIA	6.02	2.94	3.76	5.55	3.33	2.22	5.55	5.55	8.88	3.33	3.33	3.33
WASHINGTON	5.94	6.97	1.89	5.00	3.33	1.33	1.00	6.66	7.77	5.55	5.55	4.44
WEST VIRGINIA	6.14	3.48	4.47	3.33	5.55	2.22	7.77	4.47	6.66	3.33	3.33	3.33
WISCONSIN	2.57	1.71	1.44	2.22	5.55	2.22	4.47	2.22	3.33	2.22	2.22	3.33
WYOMING	1.91	1.42	1.05	1.12	2.71	3.99	1.75	2.70	1.00	1.11	1.11	1.11

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

AREA	REGIONAL & NATIONAL AVERAGE PRECIPITATION (IN.) (WEIGHTED BY AREA)											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	-- 1996 OCT	NOV	DEC
NEW ENGLAND	5.24	3.24	2.32	5.78	4.74	3.77	7.13	1.82	4.97	5.65	2.56	5.97
MIDDLE ATLANTIC	5.18	2.19	2.90	4.87	4.53	5.19	5.88	2.85	6.15	4.54	4.08	5.15
E. N. CENTRAL	2.78	1.30	2.07	4.44	5.17	5.10	4.29	2.00	3.74	2.87	2.93	2.69
W. N. CENTRAL	1.29	.34	1.25	1.61	5.04	3.49	3.47	3.10	3.76	2.13	2.62	2.81
SOUTH ATLANTIC	5.01	2.76	5.79	3.29	4.24	4.51	5.68	5.69	6.46	4.16	2.73	3.87
E. S. CENTRAL	6.16	3.10	6.50	5.11	4.12	4.46	6.00	3.90	5.75	2.79	4.81	5.21
W. S. CENTRAL	1.23	.58	1.58	2.34	1.92	3.59	3.80	5.11	4.81	2.55	4.08	1.71
MOUNTAIN	1.12	1.00	.86	.87	1.69	1.09	1.30	1.07	1.45	1.10	1.25	1.52
PACIFIC	5.35	5.91	2.19	3.06	2.54	2.57	3.33	2.23	3.85	2.74	4.62	9.04
NATIONAL	2.65	1.76	2.17	2.46	3.22	2.85	3.15	2.67	3.42	2.41	2.87	2.99

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.



AREA	-- 1997											
	JAN	STATE FEB	AVERAGE MAR	PRECIPITATION (IN.) APR	(DIVISIONS MAY	WEIGHTED JUN	BY AREA) JUL	SEP	OCT	NOV	DEC	
ALABAMA	6.64	6.31	3.88	6.07	5.66	8.11	5.97	2.98	3.22	4.94	5.95	4.90
ARIZONA	2.26	2.96	1.11	7.77	3.40	5.27	1.84	2.29	2.22	4.69	3.45	1.88
ARKANSAS	7.00	5.97	6.30	7.77	3.99	5.11	1.90	3.00	2.22	4.49	3.45	4.04
CALIFORNIA	7.66	5.58	6.72	7.77	3.99	5.11	1.90	3.00	2.22	4.49	3.45	2.78
COLORADO	1.30	2.87	3.55	2.25	1.60	2.09	2.22	3.28	2.22	2.07	1.01	3.73
CONNECTICUT	4.11	2.04	4.30	4.42	3.60	2.11	2.11	3.11	2.22	2.07	1.01	3.73
DELAWARE	2.69	2.92	4.93	3.39	3.33	2.88	2.11	1.33	2.22	2.07	1.01	3.73
FLORIDA	3.14	2.30	2.75	6.41	3.86	7.22	4.91	3.40	3.33	3.88	5.55	5.77
GEORGIA	5.00	2.70	2.88	4.70	3.33	4.44	4.77	3.00	3.33	3.88	5.55	5.77
IDAHO	3.33	1.10	2.22	2.13	1.44	1.11	1.11	4.96	1.11	1.11	1.11	1.11
ILLINOIS	3.14	3.88	3.00	3.74	4.00	4.81	2.22	4.07	2.22	1.11	1.11	1.11
INDIANA	3.14	2.23	4.74	2.18	4.81	5.55	2.22	2.33	1.11	1.11	1.11	1.11
IOWA	1.99	1.79	1.34	2.76	4.44	4.41	2.22	2.75	3.33	1.11	1.11	1.11
KANSAS	2.24	2.20	2.43	2.89	4.44	4.41	2.22	2.75	3.33	1.11	1.11	1.11
KENTUCKY	2.99	2.20	1.24	2.88	5.55	7.77	2.22	3.44	1.11	1.11	1.11	1.11
LOUISIANA	5.77	5.44	4.74	7.77	3.33	5.55	4.44	3.75	2.22	2.22	2.22	2.22
MAINE	3.98	4.88	2.00	9.95	4.44	3.07	5.55	4.44	3.33	3.99	5.55	4.44
MARYLAND & D.C.	2.28	2.22	2.20	2.45	2.22	3.33	2.22	2.66	2.22	2.22	2.22	2.22
MASSACHUSETTS	4.44	1.44	4.55	2.00	3.33	2.00	3.33	2.76	2.22	2.22	2.22	2.22
MICHIGAN	3.18	2.73	2.27	1.11	1.66	2.22	2.22	3.33	2.22	1.11	1.11	1.11
MINNESOTA	1.11	1.43	1.43	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11
MISSISSIPPI	6.67	7.33	5.97	6.67	7.77	4.44	5.55	3.33	4.44	4.44	4.44	4.44
MISSOURI	1.99	2.33	3.66	3.99	5.55	3.33	2.22	4.44	3.33	2.22	2.22	2.22
MONTANA	1.88	1.44	1.99	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11
NEBRASKA	2.25	1.75	3.31	2.33	2.22	3.33	2.22	2.78	2.22	2.22	2.22	2.22
NEVADA	2.03	1.42	3.16	1.58	1.11	1.11	1.11	3.33	1.11	1.11	1.11	1.11
NEW HAMPSHIRE	3.35	2.88	3.88	4.44	3.33	2.22	2.22	4.44	2.22	1.11	1.11	1.11
NEW JERSEY	3.24	2.56	4.44	4.00	3.33	1.11	1.11	2.22	1.11	1.11	1.11	1.11
NEW MEXICO	1.11	1.96	2.21	1.88	1.33	1.11	1.11	2.22	1.11	1.11	1.11	1.11
NEW YORK	2.59	2.45	3.89	6.62	1.11	3.33	2.22	3.33	2.22	2.22	2.22	2.22
NORTH CAROLINA	3.70	3.75	4.41	4.44	2.22	4.44	2.22	1.11	2.22	3.33	3.33	3.33
NORTH DAKOTA	2.88	2.27	1.82	2.22	2.22	2.22	2.22	4.44	1.11	1.11	1.11	1.11
OHIO	2.30	2.26	5.11	1.11	5.22	5.44	4.44	4.44	1.11	1.11	1.11	1.11
OKLAHOMA	5.55	4.14	1.24	5.55	3.33	7.22	4.44	5.55	3.33	2.22	2.22	2.22
OREGON	5.00	1.11	1.13	1.70	1.44	1.11	1.11	6.88	1.11	1.11	1.11	1.11
PENNSYLVANIA	2.22	2.03	4.33	1.11	7.22	4.44	3.33	7.99	1.11	1.11	1.11	1.11
RHODE ISLAND	4.26	2.23	5.63	4.44	5.66	2.22	1.79	6.66	1.11	1.11	1.11	1.11
SOUTH CAROLINA	4.16	4.59	3.34	5.00	4.44	6.66	1.14	1.19	1.11	1.11	1.11	1.11
SOUTH DAKOTA	1.17	1.82	1.41	2.76	3.33	3.33	2.22	4.44	1.11	1.11	1.11	1.11
TENNESSEE	5.15	4.33	2.66	4.44	3.33	7.77	3.33	2.22	1.11	1.11	1.11	1.11
TEXAS	1.25	3.89	2.43	5.55	3.33	5.55	4.44	1.11	2.22	3.33	3.33	3.33
UTAH	2.28	1.91	2.22	1.60	1.11	2.22	2.22	9.99	1.11	1.11	1.11	1.11
VERMONT	3.03	2.41	3.62	1.33	3.33	5.55	4.44	1.11	2.22	3.33	3.33	3.33
VIRGINIA	2.64	2.90	4.33	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22
WASHINGTON	7.04	3.24	6.95	3.33	3.51	2.22	2.71	1.98	1.11	1.11	1.11	1.11
WEST VIRGINIA	2.32	1.90	7.16	2.13	3.34	4.44	4.44	3.37	4.44	6.66	6.66	6.66
WISCONSIN	2.04	1.96	1.91	1.97	3.33	4.44	4.44	1.11	2.22	3.33	3.33	3.33
WYOMING	1.01	1.64	1.50	1.48	1.89	2.05	2.14	1.74	1.59	1.10	1.30	1.63

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

AREA	REGIONAL & NATIONAL AVERAGE PRECIPITATION (IN.) (WEIGHTED BY AREA)											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	-- 1997 OCT	NOV	DEC
NEW ENGLAND	3.70	2.36	3.65	3.55	3.75	2.58	3.67	4.88	2.58	1.68	4.91	2.79
MIDDLE ATLANTIC	2.50	2.28	4.08	2.33	3.53	3.16	3.18	4.42	3.68	1.92	4.92	2.90
E. N. CENTRAL	2.62	2.59	3.20	1.61	4.20	4.00	3.32	4.31	2.62	1.87	1.98	1.53
W. N. CENTRAL	1.00	1.44	1.09	2.56	3.03	3.68	3.61	3.03	2.40	2.73	1.96	1.98
SOUTH ATLANTIC	3.70	3.62	3.85	4.60	2.97	4.98	5.77	3.47	4.70	3.76	4.86	5.10
E. S. CENTRAL	5.53	5.50	7.14	5.11	5.96	7.68	4.00	3.39	3.26	3.71	4.26	4.20
W. S. CENTRAL	1.85	4.69	2.96	5.79	3.91	4.74	2.03	3.04	2.44	3.75	2.41	3.52
MOUNTAIN	1.71	1.76	2.52	1.48	1.34	1.76	1.73	1.82	1.86	1.14	3.73	2.92
PACIFIC	6.76	1.51	2.75	1.88	1.12	1.36	1.74	1.57	1.73	2.73	3.56	2.82
NATIONAL	2.71	2.31	2.33	2.92	2.77	3.38	2.72	2.68	2.51	2.45	2.25	2.26

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.