



**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 2002 THROUGH DECEMBER 2003

DATE PUBLISHED: SEPTEMBER 2004

**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 5-1, "STATE REGIONAL AND NATIONAL MONTHLY AND SEASONAL HEATING DEGREE DAYS WEIGHTED BY POPULATION (2000 CENSUS), (JANUARY 1931 - DECEMBER 2001)."

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 2000 CENSUS DATA (BUREAU OF CENSUS, 2002). 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 2000 POPULATION), THRU DEC

2003--BASE TEMP = 65 DEG F

STATE :	1 ALABAMA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	15	2	19	97	179	364	480	466	369	148	2	1
2002	15	17	36	133	312	676	1156	1622	1991	2139	2141	2142
2002	125.0	94.4	80.0	146.2	116.0	110.3	108.2	108.4	112.8	115.9	115.2	114.9
2003	3	3	33	53	214	311	417	456	258	77	24	0
2003	3	6	39	92	306	617	1034	1490	1748	1825	1849	1849
2003	25.0	33.3	86.7	101.1	113.8	100.7	96.8	99.5	99.0	98.9	99.5	99.1
STATE :	2 ARIZONA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	12	28	189	304	624	726	672	501	150	35	0
2002	0	12	40	229	533	1157	1883	2555	3056	3206	3241	3241
2002	.0	80.0	76.9	141.4	122.2	121.9	117.0	115.0	115.0	113.0	113.3	113.3
2003	16	9	30	85	336	546	776	688	530	328	13	0
2003	16	25	55	140	476	1022	1798	2486	3016	3344	3357	3357
2003	533.3	166.7	105.8	86.4	109.2	107.7	111.7	111.9	113.5	117.9	117.4	117.3
STATE :	3 ARKANSAS											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	2	59	115	351	485	465	312	37	0	0
2002	0	0	2	61	176	527	1012	1477	1789	1826	1826	1826
2002	.0	.0	10.0	113.0	85.4	96.9	99.0	101.0	105.2	103.9	103.7	103.6
2003	0	0	11	37	171	249	467	498	187	61	7	0
2003	0	0	11	48	219	468	935	1433	1620	1681	1688	1688
2003	.0	.0	55.0	88.9	106.3	86.0	91.5	98.0	95.3	95.7	95.9	95.8
STATE :	4 CALIFORNIA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	4	1	18	44	140	247	207	182	23	12	0
2002	0	4	5	23	67	207	454	661	843	866	878	878
2002	.0	80.0	41.7	67.6	72.8	92.8	100.7	96.6	100.0	96.5	97.1	97.0
2003	16	0	8	7	54	131	299	276	209	111	0	0
2003	16	16	24	31	85	216	515	791	1000	1111	1111	1111
2003	533.3	320.0	200.0	91.2	92.4	96.9	114.2	115.6	118.6	123.9	122.9	122.8
STATE :	5 COLORADO											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	0	2	119	209	100	19	0	0	0
2002	0	0	0	0	2	121	330	430	449	449	449	449
2002	.0	.0	.0	.0	50.0	201.7	189.7	168.6	164.5	164.5	164.5	164.5
2003	0	0	0	0	2	28	246	151	9	0	0	0
2003	0	0	0	0	2	30	276	427	436	436	436	436
2003	.0	.0	.0	.0	50.0	50.0	158.6	167.5	159.7	159.7	159.7	159.7

LINE 1 = COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION)
 LINE 2 = ACCUMULATED COOLING DEGREE DAYS(DIVISIONS WEIGHTED BY 2000 POPULATION)
 LINE 3 = [ACCUMULATED COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION) / ACCUMULATED NORMAL]*100
 PERCENTAGE OF 9999.9 => 10000

STATE COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION), THRU DEC

2003--BASE TEMP = 65 DEG F

STATE :	6 CONNECTICUT												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
2002	0	0	0	0	3	86	296	268	81	0	0	0	
2002	0	0	0	0	3	89	385	653	734	734	734	734	
2002	.0	.0	.0	.0	16.7	79.5	113.9	124.9	129.9	129.5	129.5	129.5	
2003	0	0	0	0	2	67	236	272	60	0	0	0	
2003	0	0	0	0	2	69	305	577	637	637	637	637	
2003	.0	.0	.0	.0	11.1	61.6	90.2	110.3	112.7	112.3	112.3	112.3	
STATE :	7 DELAWARE												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
2002	0	0	0	4	41	238	410	402	170	14	0	0	
2002	0	0	0	4	45	283	693	1095	1265	1279	1279	1279	
2002	.0	.0	.0	200.0	76.3	107.2	112.7	119.8	121.9	121.0	121.0	121.0	
2003	0	0	0	0	12	149	350	367	144	4	0	0	
2003	0	0	0	0	12	161	511	878	1022	1026	1026	1026	
2003	.0	.0	.0	.0	20.3	61.0	83.1	96.1	98.5	97.1	97.1	97.1	
STATE :	8 FLORIDA												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
2002	103	90	186	297	397	446	520	521	505	406	123	74	
2002	103	193	379	676	1073	1519	2039	2560	3065	3471	3594	3668	
2002	106.2	103.2	115.5	128.8	122.3	113.5	109.6	107.5	108.0	110.3	108.3	107.2	
2003	32	112	265	192	436	469	527	511	455	344	218	54	
2003	32	144	409	601	1037	1506	2033	2544	2999	3343	3561	3615	
2003	33.0	77.0	124.7	114.5	118.2	112.6	109.3	106.8	105.6	106.2	107.3	105.7	
STATE :	9 GEORGIA												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
2002	9	2	18	86	132	322	455	429	306	109	2	1	
2002	9	11	29	115	247	569	1024	1453	1759	1868	1870	1871	
2002	90.0	73.3	78.4	155.4	106.0	102.9	104.0	105.2	108.7	111.0	110.3	110.0	
2003	2	3	29	28	165	276	376	407	204	53	23	0	
2003	2	5	34	62	227	503	879	1286	1490	1543	1566	1566	
2003	20.0	33.3	91.9	83.8	97.4	91.0	89.2	93.1	92.1	91.7	92.3	92.1	
STATE :	10 IDAHO												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
2002	0	0	0	0	10	91	289	115	46	0	0	0	
2002	0	0	0	0	10	101	390	505	551	551	551	551	
2002	.0	.0	.0	.0	66.7	120.2	150.6	122.0	121.1	120.8	120.8	120.8	
2003	0	0	0	0	11	94	327	252	53	3	0	0	
2003	0	0	0	0	11	105	432	684	737	740	740	740	
2003	.0	.0	.0	.0	73.3	125.0	166.8	165.2	162.0	162.3	162.3	162.3	

LINE 1 = COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION)

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PERCENTAGE OF 9999.9 => 10000

STATE COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION), THRU DEC

2003--BASE TEMP = 65 DEG F

STATE :	11 ILLINOIS												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
2002	0	0	0	2	26	233	383	286	134	1	0	0	
2002	0	0	0	2	28	261	644	930	1064	1065	1065	1065	
2002	.0	.0	.0	50.0	37.8	101.6	118.6	119.2	123.4	121.7	121.7	121.7	
2003	0	0	1	2	40	112	261	299	58	4	0	0	
2003	0	0	1	3	43	155	416	715	773	777	777	777	
2003	.0	.0	100.0	75.0	58.1	60.3	76.6	91.7	89.7	88.8	88.8	88.8	
STATE :	12 INDIANA												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
2002	0	0	0	3	34	245	371	304	160	5	0	0	
2002	0	0	0	3	37	282	653	957	1117	1122	1122	1122	
2002	.0	.0	.0	50.0	45.7	104.4	117.7	121.4	126.9	125.5	125.5	125.5	
2003	0	0	1	2	53	118	254	282	61	5	0	0	
2003	0	0	1	3	56	174	428	710	771	776	776	776	
2003	.0	.0	50.0	50.0	69.1	64.4	77.1	90.1	87.6	86.8	86.8	86.8	
STATE :	13 IOWA												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
2002	0	0	0	0	28	236	362	216	100	0	0	0	
2002	0	0	0	0	28	264	626	842	942	942	942	942	
2002	.0	.0	.0	.0	38.4	103.5	116.8	110.9	113.8	112.4	112.4	112.4	
2003	0	0	0	1	35	127	262	301	40	7	0	0	
2003	0	0	0	1	36	163	425	726	766	773	773	773	
2003	.0	.0	.0	20.0	49.3	63.9	79.3	95.7	92.5	92.2	92.2	92.2	
STATE :	14 KANSAS												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
2002	0	0	0	17	64	348	494	437	237	1	0	0	
2002	0	0	0	17	81	429	923	1360	1597	1598	1598	1598	
2002	.0	.0	.0	77.3	67.5	106.5	109.4	110.0	113.2	111.0	110.9	110.9	
2003	0	0	2	16	84	205	526	501	111	24	0	0	
2003	0	0	2	18	102	307	833	1334	1445	1469	1469	1469	
2003	.0	.0	25.0	81.8	85.0	76.2	98.7	107.9	102.4	102.0	101.9	101.9	
STATE :	15 KENTUCKY												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
2002	0	0	4	21	66	293	425	398	235	21	0	0	
2002	0	0	4	25	91	384	809	1207	1442	1463	1463	1463	
2002	.0	.0	44.4	125.0	79.8	111.6	116.6	120.8	125.8	124.8	124.7	124.6	
2003	0	0	11	17	93	148	326	347	110	18	0	0	
2003	0	0	11	28	121	269	595	942	1052	1070	1070	1070	
2003	.0	.0	122.2	140.0	106.1	78.2	85.7	94.3	91.8	91.3	91.2	91.1	

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STATE COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION), THRU DEC

2003--BASE TEMP = 65 DEG F

STATE :	16 LOUISIANA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	29	7	42	181	299	435	544	521	428	221	22	9
2002	29	36	78	259	558	993	1537	2058	2486	2707	2729	2738
2002	107.4	76.6	75.7	122.7	112.5	105.5	104.6	103.5	105.2	107.7	106.6	106.3
2003	10	11	51	111	385	452	512	545	357	152	68	4
2003	10	21	72	183	568	1020	1532	2077	2434	2586	2654	2658
2003	37.0	44.7	69.9	86.7	114.5	108.4	104.2	104.5	103.0	102.9	103.7	103.2
STATE :	17 MAINE											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	0	0	9	102	139	18	0	0	0
2002	0	0	0	0	0	9	111	250	268	268	268	268
2002	.0	.0	.0	.0	.0	31.0	81.6	113.6	117.5	117.5	117.5	117.5
2003	0	0	0	0	0	22	108	112	12	0	0	0
2003	0	0	0	0	0	22	130	242	254	254	254	254
2003	.0	.0	.0	.0	.0	75.9	95.6	110.0	111.4	111.4	111.4	111.4
STATE :	18 MARYLAND & D.C.											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	9	47	257	407	384	161	7	0	0
2002	0	0	0	9	56	313	720	1104	1265	1272	1272	1272
2002	.0	.0	.0	300.0	87.5	119.0	119.4	124.0	125.5	124.2	124.2	124.2
2003	0	0	1	4	28	165	344	358	125	8	1	0
2003	0	0	1	5	33	198	542	900	1025	1033	1034	1034
2003	.0	.0	9999.9	166.7	51.6	75.3	89.9	101.1	101.7	100.9	101.0	101.0
STATE :	19 MASSACHUSETTS											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	0	0	51	223	239	67	0	0	0
2002	0	0	0	0	0	51	274	513	580	580	580	580
2002	.0	.0	.0	.0	.0	63.0	101.1	121.6	128.6	128.3	128.3	128.3
2003	0	0	0	0	0	50	223	230	42	0	0	0
2003	0	0	0	0	0	50	273	503	545	545	545	545
2003	.0	.0	.0	.0	.0	61.7	100.7	119.2	120.8	120.6	120.6	120.6
STATE :	20 MICHIGAN											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	0	9	143	289	193	93	0	0	0
2002	0	0	0	0	9	152	441	634	727	727	727	727
2002	.0	.0	.0	.0	21.4	97.4	122.8	121.7	129.1	128.0	128.0	128.0
2003	0	0	0	0	16	66	168	199	30	0	0	0
2003	0	0	0	0	16	82	250	449	479	479	479	479
2003	.0	.0	.0	.0	38.1	52.6	69.6	86.2	85.1	84.3	84.3	84.3

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STATE COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION), THRU DEC

2003--BASE TEMP = 65 DEG F

STATE :	21 MINNESOTA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	0	9	143	274	133	48	0	0	0
2002	0	0	0	0	9	152	426	559	607	607	607	607
2002	.0	.0	.0	.0	22.5	106.3	131.1	122.3	126.2	125.7	125.7	125.7
2003	0	0	0	0	21	85	184	223	24	0	0	0
2003	0	0	0	0	21	106	290	513	537	537	537	537
2003	.0	.0	.0	.0	52.5	74.1	89.2	112.3	111.6	111.2	111.2	111.2
STATE :	22 MISSISSIPPI											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	15	1	22	111	206	376	495	466	381	148	5	3
2002	15	16	38	149	355	731	1226	1692	2073	2221	2226	2229
2002	125.0	76.2	67.9	125.2	108.2	102.5	102.1	101.7	105.7	108.0	107.4	107.2
2003	3	4	30	68	264	353	453	482	267	90	26	0
2003	3	7	37	105	369	722	1175	1657	1924	2014	2040	2040
2003	25.0	33.3	66.1	88.2	112.5	101.3	97.8	99.6	98.1	98.0	98.5	98.1
STATE :	23 MISSOURI											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	15	52	300	439	375	200	4	0	0
2002	0	0	0	15	67	367	806	1181	1381	1385	1385	1385
2002	.0	.0	.0	83.3	59.3	101.9	107.9	109.1	112.8	110.9	110.8	110.8
2003	0	0	2	13	78	158	406	432	92	19	0	0
2003	0	0	2	15	93	251	657	1089	1181	1200	1200	1200
2003	.0	.0	33.3	83.3	82.3	69.7	88.0	100.6	96.5	96.1	96.0	96.0
STATE :	24 MONTANA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	1	0	0	0	0	35	179	45	20	0	0	0
2002	1	1	1	1	1	36	215	260	280	280	280	280
2002	9999.9	9999.9	9999.9	9999.9	20.0	83.7	151.4	113.5	112.9	112.9	112.9	112.9
2003	1	0	0	0	1	28	205	185	16	0	0	0
2003	1	1	1	1	2	30	235	420	436	436	436	436
2003	9999.9	9999.9	9999.9	9999.9	40.0	69.8	165.5	183.4	175.8	175.8	175.8	175.8
STATE :	25 NEBRASKA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	4	36	332	446	296	117	0	0	0
2002	0	0	0	4	40	372	818	1114	1231	1231	1231	1231
2002	.0	.0	.0	57.1	51.3	127.4	130.5	123.5	123.3	122.1	122.1	122.1
2003	0	0	0	5	38	146	382	359	56	11	0	0
2003	0	0	0	5	43	189	571	930	986	997	997	997
2003	.0	.0	.0	71.4	55.1	64.7	91.1	103.1	98.8	98.9	98.9	98.9

LINE 1 = COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION)

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PERCENTAGE OF 9999.9 => 10000

STATE COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION), THRU DEC

2003--BASE TEMP = 65 DEG F

STATE :	26 NEVADA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	4	8	100	182	429	664	503	308	75	6	0
2002	0	4	12	112	294	723	1387	1890	2198	2273	2279	2279
2002	.0	80.0	60.0	149.3	123.5	123.8	125.9	120.3	119.8	118.6	118.6	118.6
2003	8	0	15	37	211	437	675	557	368	180	0	0
2003	8	8	23	60	271	708	1383	1940	2308	2488	2488	2488
2003	800.0	160.0	115.0	80.0	113.9	121.2	125.5	123.5	125.8	129.9	129.5	129.5
STATE :	27 NEW HAMPSHIRE											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	0	0	32	176	202	45	0	0	0
2002	0	0	0	0	0	32	208	410	455	455	455	455
2002	.0	.0	.0	.0	.0	57.1	108.3	139.9	149.7	149.7	149.7	149.7
2003	0	0	0	0	0	48	168	176	16	0	0	0
2003	0	0	0	0	0	48	216	392	408	408	408	408
2003	.0	.0	.0	.0	.0	85.7	112.5	133.8	134.2	134.2	134.2	134.2
STATE :	28 NEW JERSEY											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	0	17	159	338	332	109	0	0	0
2002	0	0	0	0	17	176	514	846	955	955	955	955
2002	.0	.0	.0	.0	51.5	101.1	112.7	123.5	126.0	124.7	124.7	124.7
2003	0	0	0	0	7	92	292	314	90	0	0	0
2003	0	0	0	0	7	99	391	705	795	795	795	795
2003	.0	.0	.0	.0	21.2	56.9	85.7	102.9	104.9	103.8	103.8	103.8
STATE :	29 NEW MEXICO											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	28	71	308	320	289	101	3	0	0
2002	0	0	0	28	99	407	727	1016	1117	1120	1120	1120
2002	.0	.0	.0	350.0	154.7	154.2	131.2	128.6	126.4	125.4	125.4	125.4
2003	0	0	0	8	82	191	423	321	121	22	0	0
2003	0	0	0	8	90	281	704	1025	1146	1168	1168	1168
2003	.0	.0	.0	100.0	140.6	106.4	127.1	129.7	129.6	130.8	130.8	130.8
STATE :	30 NEW YORK											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	0	7	121	302	277	100	0	0	0
2002	0	0	0	0	7	128	430	707	807	807	807	807
2002	.0	.0	.0	.0	29.2	97.7	118.1	126.5	131.2	130.0	130.0	130.0
2003	0	0	0	0	7	72	238	271	70	0	0	0
2003	0	0	0	0	7	79	317	588	658	658	658	658
2003	.0	.0	.0	.0	29.2	60.3	87.1	105.2	107.0	106.0	106.0	106.0

LINE 1 = COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION)

LINE 2 = ACCUMULATED COOLING DEGREE DAYS(DIVISIONS WEIGHTED BY 2000 POPULATION)

LINE 3 = [ACCUMULATED COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION) / ACCUMULATED NORMAL]*100
PERCENTAGE OF 9999.9 => 10000

STATE COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION), THRU DEC

2003--BASE TEMP = 65 DEG F

STATE :	31 NORTH CAROLINA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	3	0	8	51	98	330	451	391	237	57	0	0
2002	3	3	11	62	160	490	941	1332	1569	1626	1626	1626
2002	100.0	75.0	78.6	206.7	113.5	118.9	116.5	115.2	117.0	117.7	117.4	117.2
2003	0	0	13	8	101	246	378	399	168	28	11	0
2003	0	0	13	21	122	368	746	1145	1313	1341	1352	1352
2003	.0	.0	92.9	70.0	86.5	89.3	92.3	99.0	97.9	97.1	97.6	97.5
STATE :	32 NORTH DAKOTA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	0	2	124	243	118	37	0	0	0
2002	0	0	0	0	2	126	369	487	524	524	524	524
2002	.0	.0	.0	.0	6.5	101.6	127.7	113.8	115.9	115.9	115.9	115.9
2003	0	0	0	0	15	71	185	245	19	0	0	0
2003	0	0	0	0	15	86	271	516	535	535	535	535
2003	.0	.0	.0	.0	48.4	69.4	93.8	120.6	118.4	118.4	118.4	118.4
STATE :	33 OHIO											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	2	23	205	339	292	142	2	0	0
2002	0	0	0	2	25	230	569	861	1003	1005	1005	1005
2002	.0	.0	.0	66.7	41.7	110.0	125.3	131.7	137.8	136.2	136.2	136.2
2003	0	0	0	0	41	91	220	245	51	1	0	0
2003	0	0	0	0	41	132	352	597	648	649	649	649
2003	.0	.0	.0	.0	68.3	63.2	77.5	91.3	89.0	87.9	87.9	87.9
STATE :	34 OKLAHOMA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	45	105	358	488	509	304	15	0	0
2002	0	0	0	45	150	508	996	1505	1809	1824	1824	1824
2002	.0	.0	.0	86.5	75.0	92.2	93.2	96.7	99.8	97.4	97.3	97.3
2003	0	0	9	38	160	268	580	562	171	63	1	0
2003	0	0	9	47	207	475	1055	1617	1788	1851	1852	1852
2003	.0	.0	52.9	90.4	103.5	86.2	98.7	103.9	98.7	98.9	98.8	98.8
STATE :	35 OREGON											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	0	0	30	128	84	33	0	0	0
2002	0	0	0	0	0	30	158	242	275	275	275	275
2002	.0	.0	.0	.0	.0	103.4	136.2	119.2	116.5	116.0	116.0	116.0
2003	0	0	0	0	1	49	156	117	55	0	0	0
2003	0	0	0	0	1	50	206	323	378	378	378	378
2003	.0	.0	.0	.0	20.0	172.4	177.6	159.1	160.2	159.5	159.5	159.5

LINE 1 = COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION)
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 PERCENTAGE OF 9999.9 => 10000

STATE COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION), THRU DEC

2003--BASE TEMP = 65 DEG F

STATE :													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
36 PENNSYLVANIA													
2002	0	0	0	0	17	160	307	297	106	0	0	0	
2002	0	0	0	0	17	177	484	781	887	887	887	887	
2002	.0	.0	.0	.0	43.6	107.9	121.0	131.5	135.6	134.2	134.2	134.2	
2003	0	0	0	0	15	79	234	263	63	0	0	0	
2003	0	0	0	0	15	94	328	591	654	654	654	654	
2003	.0	.0	.0	.0	38.5	57.3	82.0	99.5	100.0	98.9	98.9	98.9	
37 RHODE ISLAND													
2002	0	0	0	0	0	58	254	257	80	0	0	0	
2002	0	0	0	0	0	58	312	569	649	649	649	649	
2002	.0	.0	.0	.0	.0	79.5	116.9	130.5	136.6	136.1	136.1	136.1	
2003	0	0	0	0	0	44	222	269	67	0	0	0	
2003	0	0	0	0	0	44	266	535	602	602	602	602	
2003	.0	.0	.0	.0	.0	60.3	99.6	122.7	126.7	126.2	126.2	126.2	
38 SOUTH CAROLINA													
2002	9	2	24	106	139	375	519	452	317	109	2	0	
2002	9	11	35	141	280	655	1174	1626	1943	2052	2054	2054	
2002	100.0	84.6	102.9	198.6	115.7	112.2	112.1	111.1	113.4	115.1	114.4	114.1	
2003	1	1	27	22	176	324	429	452	225	61	24	0	
2003	1	2	29	51	227	551	980	1432	1657	1718	1742	1742	
2003	11.1	15.4	85.3	71.8	93.8	94.3	93.6	97.8	96.7	96.4	97.0	96.8	
39 SOUTH DAKOTA													
2002	0	0	0	0	14	225	394	209	83	0	0	0	
2002	0	0	0	0	14	239	633	842	925	925	925	925	
2002	.0	.0	.0	.0	29.2	123.2	138.2	126.0	127.1	126.5	126.5	126.5	
2003	0	0	0	0	23	106	300	302	50	4	0	0	
2003	0	0	0	0	23	129	429	731	781	785	785	785	
2003	.0	.0	.0	.0	47.9	66.5	93.7	109.4	107.3	107.4	107.4	107.4	
40 TENNESSEE													
2002	0	0	7	35	82	309	432	406	264	48	0	0	
2002	0	0	7	42	124	433	865	1271	1535	1583	1583	1583	
2002	.0	.0	50.0	135.5	87.3	106.7	109.5	112.3	117.4	117.6	117.4	117.3	
2003	0	0	13	21	120	186	352	382	141	29	2	0	
2003	0	0	13	34	154	340	692	1074	1215	1244	1246	1246	
2003	.0	.0	92.9	109.7	108.5	83.7	87.6	94.9	92.9	92.4	92.4	92.4	

LINE 1 = COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION)
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 PERCENTAGE OF 9999.9 => 10000

STATE COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION), THRU DEC

2003--BASE TEMP = 65 DEG F

STATE :	41 TEXAS											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	18	5	38	200	314	468	529	577	391	152	17	8
2002	18	23	61	261	575	1043	1572	2149	2540	2692	2709	2717
2002	120.0	69.7	64.9	123.7	116.4	110.0	104.0	104.3	104.4	103.8	102.8	102.6
2003	7	7	39	132	379	445	556	586	322	168	63	7
2003	7	14	53	185	564	1009	1565	2151	2473	2641	2704	2711
2003	46.7	42.4	56.4	87.7	114.2	106.4	103.5	104.4	101.6	101.9	102.6	102.4
STATE :	42 UTAH											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	4	25	165	396	223	63	2	0	0
2002	0	0	0	4	29	194	590	813	876	878	878	878
2002	.0	.0	.0	100.0	100.0	134.7	149.7	134.6	131.7	130.8	130.8	130.8
2003	0	0	0	1	31	137	429	329	66	16	0	0
2003	0	0	0	1	32	169	598	927	993	1009	1009	1009
2003	.0	.0	.0	25.0	110.3	117.4	151.8	153.5	149.3	150.4	150.4	150.4
STATE :	43 VERMONT											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	0	0	22	115	127	29	0	0	0
2002	0	0	0	0	0	22	137	264	293	293	293	293
2002	.0	.0	.0	.0	.0	40.7	77.8	100.0	106.2	106.2	106.2	106.2
2003	0	0	0	0	0	33	118	144	17	0	0	0
2003	0	0	0	0	0	33	151	295	312	312	312	312
2003	.0	.0	.0	.0	.0	61.1	85.8	111.7	113.0	113.0	113.0	113.0
STATE :	44 VIRGINIA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	14	54	259	383	365	166	20	0	0
2002	0	0	0	14	68	327	710	1075	1241	1261	1261	1261
2002	.0	.0	.0	175.0	90.7	116.8	115.6	119.7	120.8	120.3	120.2	120.2
2003	0	0	2	2	42	168	324	356	126	9	2	0
2003	0	0	2	4	46	214	538	894	1020	1029	1031	1031
2003	.0	.0	100.0	50.0	61.3	76.4	87.6	99.6	99.3	98.2	98.3	98.3
STATE :	45 WASHINGTON											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	0	1	29	94	70	14	0	0	0
2002	0	0	0	0	1	30	124	194	208	208	208	208
2002	.0	.0	.0	.0	20.0	107.1	122.8	109.6	105.1	105.1	105.1	105.1
2003	1	0	0	0	2	41	123	100	25	0	0	0
2003	1	1	1	1	3	44	167	267	292	292	292	292
2003	9999.9	9999.9	9999.9	9999.9	60.0	157.1	165.3	150.8	147.5	147.5	147.5	147.5

LINE 1 = COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION)

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LINE 3 = [ACCUMULATED COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION) / ACCUMULATED NORMAL]*100
PERCENTAGE OF 9999.9 => 10000

STATE COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION), THRU DEC

2003--BASE TEMP = 65 DEG F

STATE :	46 WEST VIRGINIA												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
2002	0	0	0	4	27	194	308	280	148	10	0	0	
2002	0	0	0	4	31	225	533	813	961	971	971	971	
2002	.0	.0	.0	80.0	52.5	108.2	116.1	120.8	126.8	125.9	125.9	125.9	
2003	0	0	2	3	44	89	229	260	68	3	0	0	
2003	0	0	2	5	49	138	367	627	695	698	698	698	
2003	.0	.0	100.0	100.0	83.1	66.3	80.0	93.2	91.7	90.5	90.5	90.5	
STATE :	47 WISCONSIN												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
2002	0	0	0	0	7	127	287	171	60	0	0	0	
2002	0	0	0	0	7	134	421	592	652	652	652	652	
2002	.0	.0	.0	.0	21.9	100.8	132.0	126.8	130.9	129.9	129.9	129.9	
2003	0	0	0	0	12	66	166	218	27	0	0	0	
2003	0	0	0	0	12	78	244	462	489	489	489	489	
2003	.0	.0	.0	.0	37.5	58.6	76.5	98.9	98.2	97.4	97.4	97.4	
STATE :	48 WYOMING												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
2002	0	0	0	0	0	84	217	69	18	0	0	0	
2002	0	0	0	0	0	84	301	370	388	388	388	388	
2002	.0	.0	.0	.0	.0	3.1	9.4	10.0	9.3	8.3	7.5	6.9	
2003	0	0	0	0	4	23	227	172	9	0	0	0	
2003	0	0	0	0	4	27	254	426	435	435	435	435	
2003	.0	.0	.0	.0	.2	1.0	8.0	11.5	10.4	9.3	8.5	7.8	

LINE 1 = COOLING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION)
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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 (2000 CENSUS) FOR THE
CENSUS REGIONS OF THE UNITED STATES

01	NEW ENGLAND		04	WEST NORTH CENTRAL		07	WEST SOUTH CENTRAL	
01	CONNECTICUT	.24460	01	IOWA	.15210	01	ARKANSAS	.08500
02	MAINE	.09160	02	KANSAS	.13980	02	LOUISIANA	.14210
03	MASSACHUSETTS	.45600	03	MINNESOTA	.25570	03	OKLAHOMA	.10980
04	NEW HAMPSHIRE	.08880	04	MISSOURI	.29080	04	TEXAS	.66310
05	RHODE ISLAND	.07530	05	NEBRASKA	.08900			
06	VERMONT	.04370	06	NORTH DAKOTA	.03340	08	MOUNTAIN	
			07	SOUTH DAKOTA	.03920			
02	MIDDLE ATLANTIC		05	SOUTH ATLANTIC		01	ARIZONA	.28230
01	NEW JERSEY	.21210	01	DELAWARE	.01520	02	COLORADO	.23670
02	NEW YORK	.47830	02	FLORIDA	.30870	03	IDAHO	.07120
03	PENNSYLVANIA	.30960	03	GEORGIA	.15810	04	MONTANA	.04970
			04	MARYLAND AND D.C.	.11340	05	NEVADA	.10010
03	EAST NORTH CENTRAL		05	NORTH CAROLINA	.15550	06	NEW MEXICO	.11000
01	ILLINOIS	.27500	06	SOUTH CAROLINA	.07750	07	UTAH	.12290
02	INDIANA	.13470	07	VIRGINIA	.13670	08	WYOMING	.02710
03	MICHIGAN	.22010	08	WEST VIRGINIA	.03490			
04	OHIO	.25140				09	PACIFIC (AK,HI OMITTED)	
05	WISCONSIN	.11880	06	EAST SOUTH CENTRAL		01	CALIFORNIA	.78430
			01	ALABAMA	.26130	02	OREGON	.07920
			02	KENTUCKY	.23740	03	WASHINGTON	.13650
			03	MISSISSIPPI	.16710			
			04	TENNESSEE	.33420			

REGIONAL COOLING DEGREE DAYS (STATES WEIGHTED BY 2000 POPULATION), THRU DEC

2003--BASE TEMP = 65 DEG F

REGION :	1 NEW ENGLAND											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	0	1	53	223	230	63	0	0	0
2002	0	0	0	0	1	54	277	507	570	570	570	570
2002	.0	.0	.0	.0	16.7	78.3	111.2	128.4	136.7	136.7	136.7	136.7
2003	0	0	0	0	0	50	206	224	42	0	0	0
2003	0	0	0	0	0	50	256	480	522	522	522	522
2003	.0	.0	.0	.0	.0	72.5	102.8	121.5	125.2	125.2	125.2	125.2
REGION :	2 MIDDLE ATLANTIC											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	0	12	141	311	295	104	0	0	0
2002	0	0	0	0	12	153	464	759	863	863	863	863
2002	.0	.0	.0	.0	52.2	109.3	119.9	128.2	132.6	131.6	131.6	131.6
2003	0	0	0	0	9	78	248	278	72	0	0	0
2003	0	0	0	0	9	87	335	613	685	685	685	685
2003	.0	.0	.0	.0	39.1	62.1	86.6	103.5	105.2	104.4	104.4	104.4
REGION :	3 E. N. CENTRAL											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	1	20	195	338	256	122	1	0	0
2002	0	0	0	1	21	216	554	810	932	933	933	933
2002	.0	.0	.0	50.0	41.2	109.1	125.1	126.6	133.1	131.8	131.8	131.8
2003	0	0	0	1	33	92	218	252	47	2	0	0
2003	0	0	0	1	34	126	344	596	643	645	645	645
2003	.0	.0	.0	50.0	66.7	63.6	77.7	93.1	91.9	91.1	91.1	91.1
REGION :	4 W. N. CENTRAL											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	0	0	7	34	251	385	275	134	1	0	0
2002	0	0	0	7	41	292	677	952	1086	1087	1087	1087
2002	.0	.0	.0	77.8	55.4	109.8	117.9	114.8	118.6	117.1	117.1	117.1
2003	0	0	1	7	50	135	330	350	62	11	0	0
2003	0	0	1	8	58	193	523	873	935	946	946	946
2003	.0	.0	33.3	88.9	78.4	72.6	91.1	105.3	102.1	101.9	101.9	101.9
REGION :	5 SOUTH ATLANTIC											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	34	28	63	125	184	344	458	434	314	164	38	23
2002	34	62	125	250	434	778	1236	1670	1984	2148	2186	2209
2002	100.0	96.9	110.6	136.6	120.6	114.6	112.0	111.6	113.0	114.5	113.2	112.5
2003	10	35	91	67	201	299	411	423	252	126	75	17
2003	10	45	136	203	404	703	1114	1537	1789	1915	1990	2007
2003	29.4	70.3	120.4	110.9	112.2	103.5	100.9	102.7	101.9	102.1	103.1	102.2

LINE 1 = COOLING DEGREE DAYS (STATES WEIGHTED BY 2000 POPULATION)
 LINE 2 = ACCUMULATED COOLING DEGREE DAYS (STATES WEIGHTED BY 2000 POPULATION)
 LINE 3 = [ACCUMULATED COOLING DEGREE DAYS (STATES WEIGHTED BY 2000 POPULATION) / ACCUMULATED NORMAL]*100
 PERCENTAGE OF 9999.9 => 10000

REGIONAL COOLING DEGREE DAYS (STATES WEIGHTED BY 2000 POPULATION), THRU DEC

2003--BASE TEMP = 65 DEG F

REGION :	6 E. S. CENTRAL											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	6	1	12	61	124	331	453	430	304	84	1	1
2002	6	7	19	80	204	535	988	1418	1722	1806	1807	1808
2002	75.0	58.3	61.3	140.4	105.7	109.4	109.7	111.0	115.9	117.3	117.0	116.8
2003	1	1	21	36	162	238	380	410	185	49	11	0
2003	1	2	23	59	221	459	839	1249	1434	1483	1494	1494
2003	12.5	16.7	74.2	103.5	114.5	93.9	93.1	97.8	96.5	96.4	96.7	96.5
REGION :	7 W. S. CENTRAL											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	16	4	31	168	272	441	523	552	380	137	14	7
2002	16	20	51	219	491	932	1455	2007	2387	2524	2538	2545
2002	114.3	69.0	63.8	125.9	115.3	108.8	103.8	104.0	105.0	104.8	104.1	103.9
2003	6	6	35	111	338	410	545	570	299	145	52	5
2003	6	12	47	158	496	906	1451	2021	2320	2465	2517	2522
2003	42.9	41.4	58.8	90.8	116.4	105.7	103.5	104.8	102.0	102.4	103.2	103.0
REGION :	8 MOUNTAIN											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	4	9	67	116	312	440	335	200	50	10	0
2002	0	4	13	80	196	508	948	1283	1483	1533	1543	1543
2002	.0	100.0	92.9	163.3	135.2	135.8	132.6	126.2	125.3	123.7	124.1	124.1
2003	5	3	10	29	130	251	484	393	215	115	4	0
2003	5	8	18	47	177	428	912	1305	1520	1635	1639	1639
2003	500.0	200.0	128.6	95.9	122.1	114.4	127.6	128.3	128.4	132.0	131.9	131.9
REGION :	9 PACIFIC											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	0	3	1	14	35	116	217	179	147	18	9	0
2002	0	3	4	18	53	169	386	565	712	730	739	739
2002	.0	100.0	57.1	85.7	93.0	107.6	111.9	105.0	107.4	104.4	105.1	105.0
2003	13	0	6	5	43	112	264	239	172	87	0	0
2003	13	13	19	24	67	179	443	682	854	941	941	941
2003	650.0	433.3	271.4	114.3	117.5	114.0	128.4	126.8	128.8	134.6	133.9	133.7

LINE 1 = COOLING DEGREE DAYS (STATES WEIGHTED BY 2000 POPULATION)
 LINE 2 = ACCUMULATED COOLING DEGREE DAYS (STATES WEIGHTED BY 2000 POPULATION)
 LINE 3 = [ACCUMULATED COOLING DEGREE DAYS (STATES WEIGHTED BY 2000 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	.04980
02	MIDDLE ATLANTIC	.14190
03	EAST NORTH CENTRAL	.16150
04	WEST NORTH CENTRAL	.06880
05	SOUTH ATLANTIC	.18520
06	EAST SOUTH CENTRAL	.06090
07	WEST SOUTH CENTRAL	.11250
08	MOUNTAIN	.06500
09	PACIFIC	.15440

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

NATIONAL COOLING DEGREE DAYS (REGIONS WEIGHTED BY 2000 POPULATION), THRU DEC

2003--BASE TEMP = 65 DEG F

REGION :	11 NATIONAL											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2002	8	6	17	53	92	243	370	332	202	57	11	5
2002	8	14	31	84	176	419	789	1121	1323	1380	1391	1396
2002	88.9	82.4	88.6	129.2	108.6	111.7	113.4	113.7	116.0	115.6	115.1	114.7
2003	5	7	24	30	110	187	336	345	156	65	21	4
2003	5	12	36	66	176	363	699	1044	1200	1265	1286	1290
2003	55.6	70.6	102.9	101.5	108.6	96.8	100.4	105.9	105.2	105.9	106.4	106.0

LINE 1 = COOLING DEGREE DAYS (REGIONS WEIGHTED BY 2000 POPULATION)
 LINE 2 = ACCUMULATED COOLING DEGREE DAYS (REGIONS WEIGHTED BY 2000 POPULATION)
 LINE 3 = [ACCUMULATED COOLING DEGREE DAYS (REGIONS WEIGHTED BY 2000 POPULATION) / ACCUMULATED NORMAL]*100
 PERCENTAGE OF 9999.9 => 10000

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STATE AVERAGE TEMPERATURE (DEG F) (DIVISIONS WEIGHTED BY AREA) -- 2002

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ALABAMA	46.9	45.8	54.9	66.6	70.5	77.3	80.5	80.0	77.5	68.2	51.3	45.2
ARIZONA	43.1	46.8	51.2	63.3	68.1	79.9	82.9	80.6	74.3	61.1	52.4	41.9
ARKANSAS	42.2	41.9	47.7	63.6	67.3	76.8	80.9	80.1	75.4	60.8	48.2	42.4
CALIFORNIA	43.9	49.5	50.8	57.9	63.1	72.1	77.4	74.5	71.5	60.4	53.6	45.8
COLORADO	25.1	26.5	32.4	48.4	54.3	67.6	71.7	67.5	59.3	44.0	33.9	27.4
CONNECTICUT	33.4	34.5	39.1	51.1	56.0	66.4	74.0	73.0	65.5	49.9	40.4	30.1
DELAWARE	40.3	41.6	46.8	57.8	63.0	73.5	78.5	78.2	70.7	58.4	46.5	36.3
FLORIDA	59.2	59.6	66.7	73.7	76.7	79.7	81.6	81.3	81.3	76.6	63.3	57.5
GEORGIA	47.7	47.9	56.5	67.7	70.0	77.3	80.9	79.8	76.8	68.1	52.2	45.3
IDAHO	24.4	23.9	31.9	44.3	51.5	61.6	70.8	63.7	58.0	42.6	33.6	30.2
ILLINOIS	33.4	33.9	37.1	53.6	59.2	74.1	78.4	75.3	69.5	52.3	39.4	31.8
INDIANA	34.1	35.1	38.1	53.7	58.7	73.1	77.2	75.1	69.7	52.6	40.0	31.7
IOWA	28.3	28.6	29.9	48.8	57.1	72.6	76.7	71.3	65.7	46.3	34.4	28.6
KANSAS	33.5	35.2	38.5	56.1	62.2	77.0	80.9	78.4	70.7	50.5	42.2	35.1
KENTUCKY	38.2	38.9	45.5	59.0	62.7	74.7	78.7	77.8	72.3	58.0	44.0	36.8
LOUISIANA	51.2	49.2	58.1	69.7	74.2	79.2	82.5	81.9	78.8	69.8	55.8	50.7
MAINE	20.8	19.7	26.8	40.1	49.4	58.7	66.0	67.1	59.8	42.2	30.7	20.7
MARYLAND & D.C.	39.2	40.2	45.6	57.1	62.4	73.2	77.9	77.1	69.8	56.4	44.9	34.4
MASSACHUSETTS	32.6	32.5	37.0	48.7	54.7	64.3	71.5	71.9	64.8	48.7	39.0	28.8
MICHIGAN	27.8	27.4	27.3	43.4	49.8	65.6	72.4	68.2	63.8	44.9	33.9	26.3
MINNESOTA	18.5	23.1	18.8	40.8	50.3	67.5	72.8	67.2	61.2	37.9	27.9	21.5
MISSISSIPPI	47.1	45.6	54.5	66.6	70.9	77.5	81.0	80.1	77.6	67.3	51.8	46.3
MISSOURI	34.7	36.6	39.9	57.2	61.7	74.8	79.2	77.3	71.1	53.3	41.9	35.4
MONTANA	24.0	27.5	20.5	39.6	49.5	61.4	71.2	63.1	57.6	38.1	34.9	27.8
NEBRASKA	29.5	31.2	29.6	50.2	56.7	74.4	78.8	73.5	64.7	44.5	37.0	31.4
NEVADA	30.6	34.7	38.8	50.7	56.5	68.0	76.3	69.9	63.4	49.0	39.9	33.2
NEW HAMPSHIRE	26.9	24.9	31.2	44.9	51.6	62.0	69.0	69.7	62.5	44.8	34.1	23.5
NEW JERSEY	37.3	38.6	43.4	54.6	59.8	70.4	76.2	75.9	68.0	54.2	43.2	33.6
NEW MEXICO	36.3	37.3	44.1	58.1	63.2	74.3	74.6	73.9	66.1	53.5	42.8	34.7
NEW YORK	29.4	29.3	33.4	46.5	51.9	65.1	70.7	69.8	63.9	46.9	36.6	25.3
NORTH CAROLINA	42.9	44.6	51.1	63.1	66.0	75.6	79.2	77.5	72.8	62.8	48.6	40.7
NORTH DAKOTA	16.7	23.8	16.0	38.2	49.1	66.0	72.5	66.6	59.7	35.0	29.5	20.9
OHIO	33.8	34.8	38.9	52.7	57.2	71.7	76.1	74.5	68.7	52.2	40.3	30.7
OKLAHOMA	39.8	40.6	45.8	61.4	66.7	77.3	80.6	81.3	74.4	56.9	47.1	40.1
OREGON	33.9	36.6	39.1	47.4	52.3	61.9	69.7	64.1	59.5	46.8	40.4	36.7
PENNSYLVANIA	33.0	33.7	38.1	50.2	55.4	68.3	73.0	72.3	65.4	49.7	39.3	27.8
RHODE ISLAND	35.7	35.8	40.2	50.9	56.2	65.3	73.2	73.3	66.5	52.4	42.7	33.0
SOUTH CAROLINA	46.5	47.6	55.8	67.3	68.5	77.6	81.8	79.6	75.7	66.4	51.7	44.0
SOUTH DAKOTA	24.4	29.6	22.2	44.9	53.0	70.8	77.7	71.0	63.5	40.1	34.9	27.5
TENNESSEE	40.1	40.1	48.0	61.0	64.3	75.1	78.8	78.0	73.4	61.0	45.2	39.3
TEXAS	48.4	46.9	55.0	69.1	74.2	80.7	81.1	83.1	76.4	65.1	52.8	47.5
UTAH	26.5	28.6	36.9	51.5	57.8	69.9	77.5	71.6	62.6	48.0	36.2	29.7
VERMONT	25.3	23.6	30.0	44.2	50.2	61.7	67.5	67.8	61.2	43.4	32.4	21.5
VIRGINIA	39.1	39.8	45.4	57.9	62.2	73.0	76.7	76.0	69.6	57.6	44.6	35.6
WASHINGTON	34.4	36.0	37.7	47.1	52.4	62.0	68.0	65.4	59.3	47.2	40.6	36.5
WEST VIRGINIA	34.8	35.9	42.0	54.2	58.3	70.1	73.9	72.8	68.0	54.4	40.9	32.2
WISCONSIN	24.0	26.2	24.5	43.1	51.1	66.5	73.0	68.0	62.0	42.4	31.7	24.4
WYOMING	20.0	22.6	24.9	41.5	49.1	62.4	70.7	63.7	56.6	38.2	30.1	24.8

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

REGIONAL & NATIONAL AVERAGE TEMPERATURE (DEG F) (WEIGHTED BY AREA)

-- 2002

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NEW ENGLAND	25.0	24.0	30.3	43.5	51.1	61.0	68.0	68.7	61.5	44.3	33.4	23.2
MIDDLE ATLANTIC	31.6	31.9	36.2	48.7	54.0	66.9	72.1	71.4	64.9	48.7	38.3	27.0
E. N. CENTRAL	30.1	31.0	32.4	48.7	54.8	69.8	75.2	71.8	66.4	48.3	36.6	28.6
W. N. CENTRAL	26.4	29.7	27.7	48.0	55.6	71.9	77.0	72.2	65.2	43.8	35.4	28.6
SOUTH ATLANTIC	46.3	47.1	54.2	65.0	68.0	76.1	79.5	78.4	74.7	65.4	51.4	43.8
E. S. CENTRAL	43.5	42.9	51.1	63.6	67.4	76.3	79.8	79.0	75.4	64.0	48.4	42.2
W. S. CENTRAL	46.6	45.5	53.0	67.3	72.1	79.5	81.2	82.3	76.2	63.8	51.7	46.1
MOUNTAIN	29.1	31.4	34.9	49.7	56.3	68.2	74.5	69.3	62.3	46.8	38.3	31.3
PACIFIC	38.9	42.8	44.5	52.5	57.6	66.9	73.1	69.5	65.3	53.6	46.9	41.1
NATIONAL	34.8	36.4	39.8	54.2	60.1	71.5	76.3	73.4	67.5	52.4	42.2	35.3

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

STATE AVERAGE TEMPERATURE (DEG F) (DIVISIONS WEIGHTED BY AREA) -- 2003

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ALABAMA	40.2	48.0	57.6	63.3	71.9	75.8	78.6	79.7	73.4	63.7	58.2	43.9
ARIZONA	49.8	46.7	51.8	56.8	69.3	77.0	84.3	80.9	75.7	68.1	49.9	43.8
ARKANSAS	36.5	39.7	51.1	61.8	70.0	73.5	80.2	81.2	70.5	63.0	54.6	42.1
CALIFORNIA	50.8	47.6	53.5	52.6	63.9	71.9	78.8	75.5	73.3	66.6	48.7	45.7
COLORADO	31.4	27.0	37.1	46.2	54.9	61.3	73.0	69.5	57.5	51.9	34.0	28.6
CONNECTICUT	21.3	24.2	36.6	45.3	55.7	65.5	71.9	72.9	63.8	49.3	44.0	32.5
DELAWARE	29.9	32.1	45.1	51.6	58.9	70.4	76.9	77.2	70.0	56.3	52.2	38.0
FLORIDA	52.3	61.4	70.1	69.6	78.3	80.2	81.4	81.1	79.1	73.7	68.8	56.3
GEORGIA	41.9	48.6	58.6	62.5	71.5	76.1	78.7	79.3	73.2	64.2	59.3	44.0
IDAHO	32.2	29.1	39.1	44.0	52.6	61.7	72.1	69.9	58.4	50.6	30.2	29.5
ILLINOIS	22.5	26.1	41.3	53.6	61.2	68.1	74.9	75.5	64.2	54.5	44.7	33.7
INDIANA	21.6	25.5	41.9	53.5	60.8	67.5	73.4	74.2	63.8	53.1	46.1	33.6
IOWA	19.0	19.9	34.8	50.3	58.1	67.4	73.3	74.5	61.4	52.4	35.8	28.1
KANSAS	31.3	30.8	43.5	55.8	63.1	70.5	81.9	80.3	65.4	58.1	42.0	34.9
KENTUCKY	31.2	33.7	48.9	58.1	64.7	69.2	75.6	76.3	66.7	57.1	50.8	37.4
LOUISIANA	45.5	50.5	58.6	66.6	76.6	79.7	81.6	82.7	76.3	68.0	61.9	49.3
MAINE	9.1	11.8	24.0	35.9	50.0	61.6	66.4	66.5	58.8	44.7	35.4	22.9
MARYLAND & D.C.	29.2	31.7	46.0	54.6	61.1	70.9	76.8	77.1	68.9	56.2	52.0	36.5
MASSACHUSETTS	19.5	22.7	34.5	42.8	54.2	64.1	71.4	71.8	63.0	48.7	42.6	31.7
MICHIGAN	17.2	16.3	28.8	41.4	53.0	62.1	67.8	69.1	60.1	46.8	38.0	28.9
MINNESOTA	10.5	10.1	25.9	43.8	54.8	64.0	69.2	71.0	58.5	47.2	27.1	21.0
MISSISSIPPI	40.1	46.0	56.0	64.0	73.0	76.5	79.6	80.6	73.5	64.3	58.3	44.4
MISSOURI	27.1	30.7	44.3	56.6	63.6	69.3	78.4	79.1	65.2	57.3	46.3	36.1
MONTANA	25.7	22.1	31.1	46.0	52.1	60.2	71.8	71.7	56.4	49.1	25.0	25.8
NEBRASKA	26.5	24.8	38.6	50.6	57.8	66.5	76.8	75.8	61.6	54.6	34.7	30.4
NEVADA	39.9	34.7	43.3	45.6	57.6	67.8	76.7	72.6	64.5	56.9	36.3	33.2
NEW HAMPSHIRE	12.3	16.7	29.1	39.7	53.0	63.5	68.8	69.1	59.8	45.7	38.0	24.7
NEW JERSEY	26.7	28.4	41.3	48.8	57.1	67.6	74.8	75.4	67.3	53.4	48.7	35.8
NEW MEXICO	40.5	39.3	45.7	53.6	63.8	69.6	77.3	74.5	66.7	59.4	44.9	37.2
NEW YORK	15.0	18.6	32.0	41.9	54.5	63.3	68.8	69.8	61.2	46.6	41.0	27.9
NORTH CAROLINA	36.4	41.6	52.9	57.9	66.3	73.0	77.1	77.7	70.0	59.3	56.0	40.6
NORTH DAKOTA	10.6	8.5	22.4	45.1	53.8	62.5	70.2	72.7	57.3	48.2	19.8	20.4
OHIO	21.4	25.1	40.7	52.0	59.8	66.4	72.0	72.8	63.1	51.0	46.3	32.7
OKLAHOMA	36.7	38.0	49.3	60.8	69.0	73.6	83.6	82.9	69.3	62.9	50.1	41.9
OREGON	39.7	36.9	44.1	44.7	53.4	62.9	71.1	67.7	61.9	53.5	36.7	35.9
PENNSYLVANIA	20.8	23.6	37.2	47.9	56.4	64.2	70.1	71.5	62.1	48.5	44.9	30.8
RHODE ISLAND	24.8	26.5	37.7	44.7	54.5	64.4	72.1	73.7	65.7	52.0	46.2	35.7
SOUTH CAROLINA	41.4	46.1	56.6	60.9	70.2	76.0	79.0	79.8	72.5	63.0	58.6	43.0
SOUTH DAKOTA	20.2	19.0	32.3	48.3	55.6	64.4	74.7	75.2	60.7	52.1	28.0	26.9
TENNESSEE	31.9	38.0	51.1	59.4	66.6	70.7	76.2	77.3	68.5	58.6	52.7	38.8
TEXAS	45.9	47.9	56.8	66.5	75.8	78.6	82.3	83.1	74.1	67.4	57.7	48.7
UTAH	34.5	32.0	41.7	47.7	58.7	67.4	78.0	74.0	62.8	55.7	35.0	30.4
VERMONT	10.0	14.7	28.2	38.9	53.0	62.9	67.5	68.5	59.4	44.4	36.8	22.0
VIRGINIA	30.7	34.4	47.6	54.4	61.8	69.3	74.7	75.7	67.0	55.1	51.4	36.7
WASHINGTON	37.5	37.0	43.3	47.4	54.1	63.4	69.3	68.0	61.9	52.6	35.4	33.2
WEST VIRGINIA	25.2	29.7	44.4	53.1	59.8	65.3	71.4	72.4	63.7	51.6	47.5	32.6
WISCONSIN	13.8	13.6	28.9	42.5	53.9	63.2	68.8	70.5	59.8	47.0	33.1	25.0
WYOMING	28.4	20.4	32.8	44.2	50.9	57.5	71.1	69.3	54.2	48.1	25.1	24.9

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

REGIONAL & NATIONAL AVERAGE TEMPERATURE (DEG F) (WEIGHTED BY AREA)

-- 2003

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NEW ENGLAND	12.2	15.4	27.8	38.6	51.9	62.7	68.0	68.4	60.1	45.8	37.7	25.1
MIDDLE ATLANTIC	18.4	21.5	35.0	45.1	55.5	64.0	69.8	71.0	62.1	48.0	43.3	29.8
E. N. CENTRAL	19.0	20.7	35.6	47.9	57.3	65.2	71.2	72.3	62.0	50.2	41.0	30.4
W. N. CENTRAL	20.8	20.5	34.5	50.0	58.1	66.3	75.0	75.5	61.4	52.8	33.3	28.2
SOUTH ATLANTIC	39.3	45.2	56.3	60.6	68.9	74.2	77.7	78.2	71.8	62.4	58.1	43.5
E. S. CENTRAL	36.3	42.0	53.7	61.4	69.3	73.3	77.7	78.6	70.8	61.2	55.3	41.4
W. S. CENTRAL	43.3	45.6	55.1	65.0	74.1	77.3	82.2	82.8	73.2	66.2	56.6	46.9
MOUNTAIN	35.3	31.4	40.2	48.2	57.6	65.4	75.6	72.9	62.1	55.1	35.1	31.8
PACIFIC	44.7	42.1	48.5	49.1	58.7	67.4	74.5	71.6	67.5	59.7	42.3	40.1
NATIONAL	33.0	33.1	43.7	52.7	61.7	68.7	75.9	75.3	65.6	57.0	42.8	35.6

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

STATE AVERAGE PRECIPITATION (IN.) (DIVISIONS WEIGHTED BY AREA) -- 2002

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ALABAMA	5.04	3.03	5.76	2.30	4.40	3.74	5.61	3.36	7.64	5.37	5.07	6.69
ARIZONA	.22	.11	.24	.20	.00	.01	1.47	1.02	1.95	.70	.64	.90
ARKANSAS	3.98	2.71	9.85	3.31	6.16	2.63	3.94	3.16	2.92	4.26	2.15	7.50
CALIFORNIA	2.18	1.43	2.03	.68	.61	.05	.07	.00	.09	.04	3.01	8.00
COLORADO	.48	.26	.64	.40	.56	.79	1.00	1.40	2.05	1.36	.72	.43
CONNECTICUT	1.82	1.65	4.06	3.67	5.13	5.26	2.61	3.68	4.81	3.79	5.63	4.73
DELAWARE	2.59	.69	4.53	4.06	3.72	3.11	2.87	2.98	7.00	7.84	5.94	4.37
FLORIDA	3.07	2.71	2.70	2.45	2.33	10.36	7.96	7.73	6.82	3.57	3.61	6.23
GEORGIA	4.12	2.38	5.53	2.23	3.17	3.70	4.66	3.95	6.34	4.57	4.95	5.32
IDAHO	2.16	.88	1.60	1.55	1.14	1.14	.50	.43	.94	.50	1.14	2.16
ILLINOIS	2.30	1.86	3.36	5.08	7.39	3.95	2.61	4.44	2.01	3.10	1.07	2.26
INDIANA	2.25	2.35	4.35	5.82	7.00	3.25	2.76	2.85	3.76	2.83	2.45	2.81
IOWA	.44	.88	1.20	3.64	4.18	3.49	4.21	5.94	1.68	3.60	.21	.23
KANSAS	1.07	.41	.55	2.40	3.99	2.86	1.68	2.98	1.50	4.37	.25	.50
KENTUCKY	3.87	1.65	7.58	5.04	6.26	3.81	3.32	2.34	6.21	5.43	3.41	5.07
LOUISIANA	4.34	2.94	5.82	3.68	2.34	4.86	5.43	5.19	6.18	11.40	5.52	8.00
MAINE	2.46	3.10	3.48	4.47	3.38	4.02	3.90	1.08	4.15	3.01	4.21	3.10
MARYLAND & D.C.	2.30	.56	4.01	3.71	3.28	2.76	2.54	2.88	4.61	6.42	4.41	4.24
MASSACHUSETTS	2.64	2.36	4.19	3.75	5.68	4.55	2.30	2.77	3.99	4.01	5.92	5.67
MICHIGAN	1.18	2.29	2.73	3.60	3.82	3.03	3.29	3.58	2.21	3.16	1.68	1.20
MINNESOTA	.24	.60	1.39	2.25	2.35	6.21	4.77	5.37	2.35	2.76	.23	.41
MISSISSIPPI	6.11	3.44	7.38	2.84	4.73	3.26	5.76	4.10	9.63	8.08	4.48	7.01
MISSOURI	2.84	1.44	3.52	4.73	9.97	2.94	3.05	3.84	1.96	3.56	.85	2.48
MONTANA	.65	.55	.84	.93	1.81	3.20	1.39	1.84	1.24	.54	.39	.47
NEBRASKA	.25	.28	.79	1.55	2.51	1.56	1.08	3.56	1.40	2.72	.16	.08
NEVADA	.51	.37	.40	.80	.35	.23	.30	.06	.47	.35	.87	.67
NEW HAMPSHIRE	2.38	3.05	3.80	4.30	4.40	6.20	1.87	1.86	3.70	3.51	4.49	3.47
NEW JERSEY	2.18	.75	4.34	4.18	4.21	4.89	1.67	3.77	3.89	7.04	5.29	4.41
NEW MEXICO	.53	.29	.39	.29	.12	.68	2.26	1.74	2.66	1.50	.56	1.18
NEW YORK	2.23	2.29	3.27	4.13	5.24	5.32	2.05	2.60	4.61	4.36	3.80	3.71
NORTH CAROLINA	5.06	1.69	4.65	1.91	2.81	3.05	4.61	5.13	5.00	5.48	4.52	4.66
NORTH DAKOTA	.34	.13	.62	1.25	1.26	3.79	3.11	3.09	1.08	.88	.15	.62
OHIO	2.17	1.69	3.83	4.90	5.18	3.62	2.75	2.09	4.17	3.09	3.04	2.79
OKLAHOMA	2.29	1.12	2.73	4.32	3.66	3.86	3.52	3.13	2.35	5.29	.65	3.14
OREGON	4.16	1.85	2.30	1.93	.85	.88	.17	.24	.56	.41	2.06	5.95
PENNSYLVANIA	2.09	1.43	3.97	3.93	5.76	4.81	2.26	2.75	4.28	5.11	3.31	3.80
RHODE ISLAND	3.14	1.80	5.02	3.70	5.45	4.22	.89	1.93	5.49	4.05	6.14	5.51
SOUTH CAROLINA	3.54	2.14	4.24	1.98	3.57	2.88	3.18	6.21	5.48	4.71	4.37	4.59
SOUTH DAKOTA	.26	.19	1.00	1.32	1.69	1.47	1.87	3.30	1.67	1.54	.07	.24
TENNESSEE	6.45	2.17	9.26	2.57	5.79	2.53	4.40	3.34	7.41	5.24	4.29	6.70
TEXAS	.98	1.04	2.12	1.83	2.02	2.40	4.85	1.76	3.05	6.26	1.75	3.27
UTAH	.34	.18	.72	.79	.33	.14	.51	.23	2.05	1.30	.76	.58
VERMONT	2.36	2.69	3.55	4.22	4.48	7.63	3.42	1.77	5.01	3.51	4.37	2.07
VIRGINIA	3.09	.90	4.39	3.27	3.66	2.54	3.95	3.07	3.53	5.62	4.74	4.11
WASHINGTON	6.06	3.67	3.79	2.79	1.78	1.73	.51	.31	.70	.60	3.44	6.58
WEST VIRGINIA	3.28	1.08	5.01	6.21	5.09	4.38	5.35	2.08	3.82	5.46	4.13	3.46
WISCONSIN	.57	1.86	2.30	4.22	3.02	5.63	3.62	4.47	4.58	3.96	.42	.59
WYOMING	.35	.32	1.01	.96	1.08	.54	.99	1.08	1.19	1.06	.47	.24

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

REGIONAL & NATIONAL AVERAGE PRECIPITATION (IN.) (WEIGHTED BY AREA)

-- 2002

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NEW ENGLAND	2.42	2.81	3.70	4.24	4.14	5.01	3.20	1.71	4.27	3.36	4.63	3.49
MIDDLE ATLANTIC	2.17	1.79	3.66	4.04	5.39	5.06	2.12	2.75	4.41	4.89	3.70	3.80
E. N. CENTRAL	1.62	2.00	3.19	4.62	5.14	3.96	3.04	3.62	3.25	3.27	1.60	1.80
W. N. CENTRAL	.76	.54	1.27	2.38	3.61	3.21	2.78	3.96	1.67	2.77	.27	.64
SOUTH ATLANTIC	3.71	1.88	4.35	2.76	3.22	4.73	5.04	4.88	5.40	4.87	4.41	4.92
E. S. CENTRAL	5.39	2.63	7.40	3.11	5.22	3.35	4.86	3.32	7.79	6.06	4.37	6.42
W. S. CENTRAL	1.92	1.47	3.56	2.61	2.82	2.93	4.59	2.53	3.27	6.43	2.04	4.28
MOUNTAIN	.62	.37	.70	.71	.70	.95	1.12	1.05	1.58	.90	.67	.80
PACIFIC	3.59	2.03	2.48	1.50	.93	.65	.19	.14	.36	.27	2.82	7.09
NATIONAL	1.90	1.25	2.52	2.20	2.64	2.56	2.63	2.44	2.73	3.02	1.86	2.91

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

STATE AVERAGE PRECIPITATION (IN.) (DIVISIONS WEIGHTED BY AREA) -- 2003

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ALABAMA	2.34	6.83	4.77	6.41	9.07	8.07	8.42	6.00	3.78	1.62	4.89	3.43
ARIZONA	.29	2.54	1.05	.29	.09	.07	1.38	1.97	1.13	.46	1.17	.51
ARKANSAS	.62	6.15	2.06	2.57	6.90	5.84	3.55	2.56	3.64	2.40	5.30	3.08
CALIFORNIA	1.77	2.48	2.52	3.77	.99	.03	.18	.61	.15	.07	2.14	5.77
COLORADO	.29	1.14	2.07	1.23	1.46	1.91	1.03	1.89	1.32	.32	.91	.64
CONNECTICUT	2.78	4.04	4.73	3.05	4.67	6.90	3.33	4.88	7.87	5.82	3.06	5.42
DELAWARE	1.62	6.81	3.76	3.51	5.03	6.92	5.25	5.59	5.88	4.06	5.23	5.87
FLORIDA	1.80	3.96	6.64	2.92	4.40	11.01	7.56	9.02	6.19	2.92	2.45	2.25
GEORGIA	1.92	5.32	7.47	4.81	6.32	7.44	7.75	5.61	2.86	2.98	2.85	2.52
IDAHO	2.38	1.46	2.29	1.96	1.77	.53	.30	.82	.58	.62	1.68	2.99
ILLINOIS	.67	1.94	2.01	3.35	5.64	3.79	4.92	2.66	4.32	1.98	4.44	2.61
INDIANA	1.41	2.85	2.17	3.05	6.64	3.30	8.47	3.50	6.21	2.47	4.35	2.62
IOWA	.40	.88	1.18	3.25	4.68	4.52	4.17	1.05	3.11	1.00	3.51	1.42
KANSAS	.20	1.19	2.16	3.32	3.54	4.37	.83	4.54	2.65	1.20	.64	1.21
KENTUCKY	2.14	6.73	2.05	5.47	6.40	6.04	4.65	4.94	5.66	2.49	5.62	3.50
LOUISIANA	1.02	7.00	3.44	3.59	2.67	8.62	5.94	4.25	4.70	2.53	5.58	3.39
MAINE	1.36	2.67	3.42	1.89	3.54	3.12	3.30	3.65	4.06	7.55	4.24	6.04
MARYLAND & D.C.	2.23	6.07	4.14	3.24	6.66	6.77	5.93	5.69	8.07	4.47	4.94	4.96
MASSACHUSETTS	2.94	4.38	4.57	4.13	3.95	5.45	2.67	5.53	4.83	5.82	3.00	5.92
MICHIGAN	1.12	1.03	1.98	2.85	4.12	2.20	3.25	2.68	3.33	2.37	4.82	1.99
MINNESOTA	.24	.45	.91	2.16	3.66	4.76	3.03	1.33	2.91	1.16	1.00	.66
MISSISSIPPI	1.83	8.88	3.56	5.26	6.00	8.04	6.05	4.95	4.10	2.57	5.30	3.39
MISSOURI	.66	2.54	2.42	4.05	4.84	5.14	2.40	3.82	5.50	2.31	4.04	3.42
MONTANA	.80	.79	1.34	1.70	2.10	2.06	.51	.68	.95	1.05	.62	.97
NEBRASKA	.36	.68	1.15	3.27	3.27	4.19	1.49	1.37	2.15	.82	.96	.35
NEVADA	.39	.83	.61	1.34	.79	.13	.43	1.15	.27	.09	.73	1.34
NEW HAMPSHIRE	2.23	2.58	2.97	2.84	4.32	2.91	2.98	5.84	5.03	5.96	3.61	6.51
NEW JERSEY	2.85	4.99	4.16	3.10	3.63	8.61	3.92	4.94	6.17	4.89	4.51	5.99
NEW MEXICO	.07	1.02	.68	.17	.39	1.25	.77	1.53	.93	1.05	.89	.25
NEW YORK	2.58	2.44	2.82	2.58	4.81	4.03	4.52	4.58	5.28	5.22	4.42	4.33
NORTH CAROLINA	2.12	5.13	6.19	6.55	7.73	5.68	7.81	6.72	5.78	3.80	2.87	4.29
NORTH DAKOTA	.30	.20	.88	1.10	4.09	3.25	1.88	1.22	1.90	.66	.49	.56
OHIO	1.67	2.99	2.16	2.62	6.89	4.11	6.67	5.17	6.02	2.61	3.79	2.82
OKLAHOMA	.07	1.78	2.00	1.99	3.74	5.37	.94	4.16	3.23	1.64	1.99	1.24
OREGON	4.20	1.94	3.95	3.49	1.62	.19	.22	.47	.91	1.13	3.10	5.69
PENNSYLVANIA	2.36	3.49	2.86	2.66	5.01	5.96	5.72	5.64	7.33	4.16	4.36	4.10
RHODE ISLAND	2.38	4.27	5.77	4.91	3.40	5.88	3.52	5.38	3.94	6.31	2.31	5.56
SOUTH CAROLINA	1.80	4.16	7.55	5.75	5.74	6.03	8.32	4.66	3.19	3.52	1.70	2.47
SOUTH DAKOTA	.50	.67	.89	2.38	2.82	3.69	1.62	1.18	1.85	.89	.82	.34
TENNESSEE	2.13	9.72	2.53	5.12	10.10	5.28	6.14	4.60	5.88	2.06	5.72	3.83
TEXAS	.58	2.47	1.13	.78	1.51	4.58	2.40	2.09	3.90	2.72	1.48	.71
UTAH	.33	1.28	1.10	.90	.96	.54	.30	1.08	.60	.38	1.16	1.62
VERMONT	1.81	1.74	2.70	2.72	4.20	3.14	4.76	5.12	4.70	6.80	4.80	5.80
VIRGINIA	2.25	6.33	4.24	4.94	7.34	6.43	6.42	5.18	8.24	2.65	4.41	4.20
WASHINGTON	7.51	2.35	6.40	3.26	1.35	.49	.12	.27	1.24	5.75	5.93	4.78
WEST VIRGINIA	2.61	6.11	2.04	3.90	7.27	6.62	6.10	5.50	6.76	3.09	6.83	3.52
WISCONSIN	.38	.66	1.89	2.77	4.78	3.32	3.40	2.08	3.18	1.39	3.13	1.42
WYOMING	.41	.76	1.42	1.18	1.51	2.10	.40	.96	1.15	.63	.67	.75

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

REGIONAL & NATIONAL AVERAGE PRECIPITATION (IN.) (WEIGHTED BY AREA)

-- 2003

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NEW ENGLAND	1.87	2.87	3.54	2.56	3.88	3.72	3.39	4.52	4.67	6.85	3.96	6.00
MIDDLE ATLANTIC	2.50	3.10	2.94	2.66	4.81	5.23	5.01	5.07	6.25	4.72	4.40	4.36
E. N. CENTRAL	.98	1.74	2.02	2.93	5.44	3.29	4.99	3.07	4.39	2.12	4.11	2.23
W. N. CENTRAL	.37	.93	1.37	2.77	3.79	4.27	2.12	2.12	2.83	1.14	1.52	1.09
SOUTH ATLANTIC	2.04	5.13	5.97	4.72	6.35	7.45	7.36	6.36	5.49	3.21	3.31	3.24
E. S. CENTRAL	2.11	8.02	3.33	5.60	7.91	6.97	6.43	5.17	4.77	2.16	5.35	3.53
W. S. CENTRAL	.55	3.30	1.64	1.50	2.65	5.31	2.70	2.72	3.85	2.49	2.48	1.38
MOUNTAIN	.58	1.21	1.28	1.08	1.14	1.12	.66	1.26	.88	.61	.94	1.05
PACIFIC	3.70	2.29	3.76	3.58	1.25	.18	.18	.50	.61	1.58	3.23	5.54
NATIONAL	1.23	2.50	2.34	2.55	3.25	3.48	2.69	2.59	2.83	1.81	2.44	2.26

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.