



**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 2007 THROUGH DECEMBER 2008

DATE PUBLISHED: MAY 2009

**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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151 PATTON AVENUE
ASHEVILLE, N.C. 28801-5001

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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

2008--BASE TEMP = 65 DEG F

STATE :	1 ALABAMA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	14	1	53	23	208	415	435	607	333	126	6	13
2007	14	15	68	91	299	714	1149	1756	2089	2215	2221	2234
2007	116.7	83.3	151.1	100.0	111.2	116.5	107.6	117.3	118.4	120.1	119.5	119.8
2008	5	4	19	45	174	403	461	417	290	59	3	8
2008	5	9	28	73	247	650	1111	1528	1818	1877	1880	1888
2008	41.7	50.0	62.2	80.2	91.8	106.0	104.0	102.1	103.0	101.7	101.1	101.2
STATE :	2 ARIZONA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	11	82	138	353	578	728	714	503	217	79	0
2007	0	11	93	231	584	1162	1890	2604	3107	3324	3403	3403
2007	.0	73.3	178.8	142.6	133.9	122.4	117.5	117.2	116.9	117.2	119.0	118.9
2008	0	6	49	143	256	621	732	669	510	229	47	0
2008	0	6	55	198	454	1075	1807	2476	2986	3215	3262	3262
2008	.0	40.0	105.8	122.2	104.1	113.3	112.3	111.4	112.4	113.4	114.1	114.0
STATE :	3 ARKANSAS											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	57	9	199	360	392	585	281	77	1	0
2007	0	0	57	66	265	625	1017	1602	1883	1960	1961	1961
2007	.0	.0	285.0	122.2	128.6	114.9	99.5	109.6	110.8	111.6	111.4	111.3
2008	0	0	12	15	132	374	477	395	204	32	0	0
2008	0	0	12	27	159	533	1010	1405	1609	1641	1641	1641
2008	.0	.0	60.0	50.0	77.2	98.0	98.8	96.1	94.6	93.4	93.2	93.1
STATE :	4 CALIFORNIA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	16	20	66	135	266	278	130	43	11	0
2007	0	0	16	36	102	237	503	781	911	954	965	965
2007	.0	.0	133.3	105.9	110.9	106.3	111.5	114.2	108.1	106.4	106.7	106.6
2008	0	0	8	22	47	166	256	273	192	72	17	0
2008	0	0	8	30	77	243	499	772	964	1036	1053	1053
2008	.0	.0	66.7	88.2	83.7	109.0	110.6	112.9	114.4	115.5	116.5	116.4
STATE :	5 COLORADO											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	2	64	184	149	28	0	0	0
2007	0	0	0	0	2	66	250	399	427	427	427	427
2007	.0	.0	.0	.0	50.0	110.0	143.7	156.5	156.4	156.4	156.4	156.4
2008	0	0	0	0	0	48	174	82	10	0	0	0
2008	0	0	0	0	0	48	222	304	314	314	314	314
2008	.0	.0	.0	.0	.0	80.0	127.6	119.2	115.0	115.0	115.0	115.0

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

2008--BASE TEMP = 65 DEG F

STATE :	6 CONNECTICUT											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	21	93	221	201	73	18	0	0
2007	0	0	0	0	21	114	335	536	609	627	627	627
2007	.0	.0	.0	.0	116.7	101.8	99.1	102.5	107.8	110.6	110.6	110.6
2008	0	0	0	0	3	133	280	130	50	0	0	0
2008	0	0	0	0	3	136	416	546	596	596	596	596
2008	.0	.0	.0	.0	16.7	121.4	123.1	104.4	105.5	105.1	105.1	105.1
STATE :	7 DELAWARE											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	77	243	341	353	168	69	0	0
2007	0	0	0	0	77	320	661	1014	1182	1251	1251	1251
2007	.0	.0	.0	.0	130.5	121.2	107.5	110.9	113.9	118.4	118.4	118.4
2008	0	0	0	0	23	308	394	260	152	9	0	0
2008	0	0	0	0	23	331	725	985	1137	1146	1146	1146
2008	.0	.0	.0	.0	39.0	125.4	117.9	107.8	109.5	108.4	108.4	108.4
STATE :	8 FLORIDA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	139	66	155	172	328	451	545	581	485	414	150	164
2007	139	205	360	532	860	1311	1856	2437	2922	3336	3486	3650
2007	143.3	109.6	109.8	101.3	98.1	98.0	99.8	102.4	102.9	106.0	105.0	106.7
2008	95	136	139	193	377	479	504	525	476	280	87	115
2008	95	231	370	563	940	1419	1923	2448	2924	3204	3291	3406
2008	97.9	123.5	112.8	107.2	107.2	106.1	103.4	102.8	103.0	101.8	99.2	99.6
STATE :	9 GEORGIA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	10	1	36	14	151	346	374	540	284	98	3	8
2007	10	11	47	61	212	558	932	1472	1756	1854	1857	1865
2007	100.0	73.3	127.0	82.4	91.0	100.9	94.6	106.6	108.5	110.2	109.5	109.6
2008	4	4	12	25	138	383	405	389	241	37	2	7
2008	4	8	20	45	183	566	971	1360	1601	1638	1640	1647
2008	40.0	53.3	54.1	60.8	78.5	102.4	98.6	98.5	98.9	97.3	96.7	96.8
STATE :	10 IDAHO											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	23	92	371	188	40	0	0	0
2007	0	0	0	0	23	115	486	674	714	714	714	714
2007	.0	.0	.0	.0	153.3	136.9	187.6	162.8	156.9	156.6	156.6	156.6
2008	0	0	0	0	10	55	227	188	36	0	0	0
2008	0	0	0	0	10	65	292	480	516	516	516	516
2008	.0	.0	.0	.0	66.7	77.4	112.7	115.9	113.4	113.2	113.2	113.2

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PERCENTAGE OF 9999.9 => 10000

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

2008--BASE TEMP = 65 DEG F

STATE :	11 ILLINOIS											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	4	0	121	210	243	338	136	35	0	0
2007	0	0	4	4	125	335	578	916	1052	1087	1087	1087
2007	.0	.0	400.0	100.0	168.9	130.4	106.4	117.4	122.0	124.2	124.2	124.2
2008	0	0	0	0	27	209	267	211	97	8	0	0
2008	0	0	0	0	27	236	503	714	811	819	819	819
2008	.0	.0	.0	.0	36.5	91.8	92.6	91.5	94.1	93.6	93.6	93.6
STATE :	12 INDIANA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	7	0	131	224	216	359	152	40	0	0
2007	0	0	7	7	138	362	578	937	1089	1129	1129	1129
2007	.0	.0	350.0	116.7	170.4	134.1	104.1	118.9	123.8	126.3	126.3	126.3
2008	0	0	0	0	30	221	254	203	123	6	0	0
2008	0	0	0	0	30	251	505	708	831	837	837	837
2008	.0	.0	.0	.0	37.0	93.0	91.0	89.8	94.4	93.6	93.6	93.6
STATE :	13 IOWA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	3	0	118	191	277	305	87	20	0	0
2007	0	0	3	3	121	312	589	894	981	1001	1001	1001
2007	.0	.0	300.0	60.0	165.8	122.4	109.9	117.8	118.5	119.5	119.5	119.5
2008	0	0	0	0	31	171	266	187	69	3	0	0
2008	0	0	0	0	31	202	468	655	724	727	727	727
2008	.0	.0	.0	.0	42.5	79.2	87.3	86.3	87.4	86.8	86.8	86.8
STATE :	14 KANSAS											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	27	0	128	249	402	532	211	31	0	0
2007	0	0	27	27	155	404	806	1338	1549	1580	1580	1580
2007	.0	.0	337.5	122.7	129.2	100.2	95.5	108.3	109.8	109.7	109.6	109.6
2008	0	0	1	0	79	293	415	335	128	12	0	0
2008	0	0	1	1	80	373	788	1123	1251	1263	1263	1263
2008	.0	.0	12.5	4.5	66.7	92.6	93.4	90.9	88.7	87.7	87.6	87.6
STATE :	15 KENTUCKY											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	25	1	149	270	303	504	232	63	0	0
2007	0	0	25	26	175	445	748	1252	1484	1547	1547	1547
2007	.0	.0	277.8	130.0	153.5	129.4	107.8	125.3	129.5	132.0	131.9	131.8
2008	0	0	3	6	54	291	311	280	208	16	0	0
2008	0	0	3	9	63	354	665	945	1153	1169	1169	1169
2008	.0	.0	33.3	45.0	55.3	102.9	95.8	94.6	100.6	99.7	99.7	99.6

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PERCENTAGE OF 9999.9 => 10000

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

2008--BASE TEMP = 65 DEG F

STATE :	16 LOUISIANA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	24	9	90	73	288	464	491	604	435	192	45	39
2007	24	33	123	196	484	948	1439	2043	2478	2670	2715	2754
2007	88.9	70.2	119.4	92.9	97.6	100.7	97.9	102.8	104.9	106.2	106.1	107.0
2008	22	28	51	114	302	493	558	513	347	130	27	19
2008	22	50	101	215	517	1010	1568	2081	2428	2558	2585	2604
2008	81.5	106.4	98.1	101.9	104.2	107.3	106.7	104.7	102.8	101.8	101.0	101.1
STATE :	17 MAINE											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	0	23	80	76	8	0	0	0
2007	0	0	0	0	0	23	103	179	187	187	187	187
2007	.0	.0	.0	.0	.0	79.3	75.7	81.4	82.0	82.0	82.0	82.0
2008	0	0	0	0	0	27	150	56	3	0	0	0
2008	0	0	0	0	0	27	177	233	236	236	236	236
2008	.0	.0	.0	.0	.0	93.1	130.1	105.9	103.5	103.5	103.5	103.5
STATE :	18 MARYLAND & D.C.											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	87	259	341	365	176	64	0	0
2007	0	0	0	0	87	346	687	1052	1228	1292	1292	1292
2007	.0	.0	.0	.0	135.9	131.6	113.9	118.2	121.8	126.2	126.2	126.2
2008	0	0	0	3	23	278	350	235	136	5	0	0
2008	0	0	0	3	26	304	654	889	1025	1030	1030	1030
2008	.0	.0	.0	100.0	40.6	115.6	108.5	99.9	101.7	100.6	100.6	100.6
STATE :	19 MASSACHUSETTS											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	11	72	189	174	49	6	0	0
2007	0	0	0	0	11	83	272	446	495	501	501	501
2007	.0	.0	.0	.0	122.2	102.5	100.4	105.7	109.8	110.8	110.8	110.8
2008	0	0	0	0	0	109	257	122	34	0	0	0
2008	0	0	0	0	0	109	366	488	522	522	522	522
2008	.0	.0	.0	.0	.0	134.6	135.1	115.6	115.7	115.5	115.5	115.5
STATE :	20 MICHIGAN											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	49	154	161	204	65	19	0	0
2007	0	0	0	0	49	203	364	568	633	652	652	652
2007	.0	.0	.0	.0	116.7	130.1	101.4	109.0	112.4	114.8	114.8	114.8
2008	0	0	0	0	12	130	181	145	53	0	0	0
2008	0	0	0	0	12	142	323	468	521	521	521	521
2008	.0	.0	.0	.0	28.6	91.0	90.0	89.8	92.5	91.7	91.7	91.7

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PERCENTAGE OF 9999.9 => 10000

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

2008--BASE TEMP = 65 DEG F

STATE :	21 MINNESOTA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	58	151	226	142	37	3	0	0
2007	0	0	0	0	58	209	435	577	614	617	617	617
2007	.0	.0	.0	.0	145.0	146.2	133.8	126.3	127.7	127.7	127.7	127.7
2008	0	0	0	0	13	83	187	140	30	0	0	0
2008	0	0	0	0	13	96	283	423	453	453	453	453
2008	.0	.0	.0	.0	32.5	67.1	87.1	92.6	94.2	93.8	93.8	93.8
STATE :	22 MISSISSIPPI											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	12	3	68	34	234	430	444	601	364	130	10	16
2007	12	15	83	117	351	781	1225	1826	2190	2320	2330	2346
2007	100.0	71.4	148.2	98.3	107.0	109.5	102.0	109.8	111.6	112.8	112.5	112.8
2008	6	9	28	58	212	433	514	427	288	68	4	8
2008	6	15	43	101	313	746	1260	1687	1975	2043	2047	2055
2008	50.0	71.4	76.8	84.9	95.4	104.6	104.9	101.4	100.7	99.4	98.8	98.8
STATE :	23 MISSOURI											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	25	0	164	265	343	508	195	40	0	0
2007	0	0	25	25	189	454	797	1305	1500	1540	1540	1540
2007	.0	.0	416.7	138.9	167.3	126.1	106.7	120.6	122.5	123.3	123.2	123.2
2008	0	0	1	0	62	263	361	290	128	13	0	0
2008	0	0	1	1	63	326	687	977	1105	1118	1118	1118
2008	.0	.0	16.7	5.6	55.8	90.6	92.0	90.3	90.3	89.5	89.4	89.4
STATE :	24 MONTANA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	1	0	1	0	3	42	273	94	17	0	0	0
2007	1	1	2	2	5	47	320	414	431	431	431	431
2007	9999.9	9999.9	9999.9	9999.9	100.0	109.3	225.4	180.8	173.8	173.8	173.8	173.8
2008	0	0	0	0	1	14	115	98	8	0	0	0
2008	0	0	0	0	1	15	130	228	236	236	236	236
2008	.0	.0	.0	.0	20.0	34.9	91.5	99.6	95.2	95.2	95.2	95.2
STATE :	25 NEBRASKA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	10	0	110	204	365	369	106	13	0	0
2007	0	0	10	10	120	324	689	1058	1164	1177	1177	1177
2007	.0	.0	500.0	142.9	153.8	111.0	109.9	117.3	116.6	116.8	116.8	116.8
2008	0	0	0	0	36	192	339	244	78	5	0	0
2008	0	0	0	0	36	228	567	811	889	894	894	894
2008	.0	.0	.0	.0	46.2	78.1	90.4	89.9	89.1	88.7	88.7	88.7

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

2008--BASE TEMP = 65 DEG F

STATE :	26 NEVADA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	6	42	95	268	466	710	582	311	88	17	0
2007	0	6	48	143	411	877	1587	2169	2480	2568	2585	2585
2007	.0	120.0	240.0	190.7	172.7	150.2	144.0	138.1	135.2	134.0	134.6	134.6
2008	0	0	17	59	162	432	624	608	360	113	19	0
2008	0	0	17	76	238	670	1294	1902	2262	2375	2394	2394
2008	.0	.0	85.0	101.3	100.0	114.7	117.4	121.1	123.3	124.0	124.6	124.6
STATE :	27 NEW HAMPSHIRE											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	8	48	118	119	21	0	0	0
2007	0	0	0	0	8	56	174	293	314	314	314	314
2007	.0	.0	.0	.0	100.0	100.0	90.6	100.0	103.3	103.3	103.3	103.3
2008	0	0	0	0	0	67	195	80	14	0	0	0
2008	0	0	0	0	0	67	262	342	356	356	356	356
2008	.0	.0	.0	.0	.0	119.6	136.5	116.7	117.1	117.1	117.1	117.1
STATE :	28 NEW JERSEY											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	52	181	274	274	114	48	0	0
2007	0	0	0	0	52	233	507	781	895	943	943	943
2007	.0	.0	.0	.0	157.6	133.9	111.2	114.0	118.1	123.1	123.1	123.1
2008	0	0	0	0	11	254	357	207	112	0	0	0
2008	0	0	0	0	11	265	622	829	941	941	941	941
2008	.0	.0	.0	.0	33.3	152.3	136.4	121.0	124.1	122.8	122.8	122.8
STATE :	29 NEW MEXICO											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	1	2	40	208	320	326	133	8	0	0
2007	0	0	1	3	43	251	571	897	1030	1038	1038	1038
2007	.0	.0	9999.9	37.5	67.2	95.1	103.1	113.5	116.5	116.2	116.2	116.2
2008	0	0	0	3	43	253	271	243	73	4	0	0
2008	0	0	0	3	46	299	570	813	886	890	890	890
2008	.0	.0	.0	37.5	71.9	113.3	102.9	102.9	100.2	99.7	99.7	99.7
STATE :	30 NEW YORK											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	37	145	209	216	91	30	0	0
2007	0	0	0	0	37	182	391	607	698	728	728	728
2007	.0	.0	.0	.0	154.2	138.9	107.4	108.6	113.5	117.2	117.2	117.2
2008	0	0	0	0	5	178	280	158	77	0	0	0
2008	0	0	0	0	5	183	463	621	698	698	698	698
2008	.0	.0	.0	.0	20.8	139.7	127.2	111.1	113.5	112.4	112.4	112.4

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 PERCENTAGE OF 9999.9 => 10000

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

2008--BASE TEMP = 65 DEG F

STATE :	31 NORTH CAROLINA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	6	0	17	8	105	289	353	508	249	104	0	4
2007	6	6	23	31	136	425	778	1286	1535	1639	1639	1643
2007	200.0	150.0	164.3	103.3	96.5	103.2	96.3	111.2	114.5	118.7	118.3	118.5
2008	2	1	9	10	83	381	376	338	196	19	0	3
2008	2	3	12	22	105	486	862	1200	1396	1415	1415	1418
2008	66.7	75.0	85.7	73.3	74.5	118.0	106.7	103.8	104.1	102.5	102.2	102.2
STATE :	32 NORTH DAKOTA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	26	114	257	107	25	0	0	0
2007	0	0	0	0	26	140	397	504	529	529	529	529
2007	.0	.0	.0	.0	83.9	112.9	137.4	117.8	117.0	117.0	117.0	117.0
2008	0	0	0	0	9	50	169	156	19	0	0	0
2008	0	0	0	0	9	59	228	384	403	403	403	403
2008	.0	.0	.0	.0	29.0	47.6	78.9	89.7	89.2	89.2	89.2	89.2
STATE :	33 OHIO											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	2	0	91	181	185	309	125	36	0	0
2007	0	0	2	2	93	274	459	768	893	929	929	929
2007	.0	.0	200.0	66.7	155.0	131.1	101.1	117.4	122.7	125.9	125.9	125.9
2008	0	0	0	1	24	195	240	185	113	2	0	0
2008	0	0	0	1	25	220	460	645	758	760	760	760
2008	.0	.0	.0	33.3	41.7	105.3	101.3	98.6	104.1	103.0	103.0	103.0
STATE :	34 OKLAHOMA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	55	9	170	317	439	559	291	82	1	0
2007	0	0	55	64	234	551	990	1549	1840	1922	1923	1923
2007	.0	.0	323.5	123.1	117.0	100.0	92.6	99.6	101.5	102.7	102.6	102.6
2008	0	0	12	18	151	394	525	442	198	35	0	0
2008	0	0	12	30	181	575	1100	1542	1740	1775	1775	1775
2008	.0	.0	70.6	57.7	90.5	104.4	102.9	99.1	96.0	94.8	94.7	94.7
STATE :	35 OREGON											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	2	17	141	83	17	0	0	0
2007	0	0	0	0	2	19	160	243	260	260	260	260
2007	.0	.0	.0	.0	40.0	65.5	137.9	119.7	110.2	109.7	109.7	109.7
2008	0	0	0	0	2	6	98	100	30	0	0	0
2008	0	0	0	0	2	8	106	206	236	236	236	236
2008	.0	.0	.0	.0	40.0	27.6	91.4	101.5	100.0	99.6	99.6	99.6

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 PERCENTAGE OF 9999.9 => 10000

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

2008--BASE TEMP = 65 DEG F

STATE :	36 PENNSYLVANIA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	51	160	197	240	94	32	0	0
2007	0	0	0	0	51	211	408	648	742	774	774	774
2007	.0	.0	.0	.0	130.8	128.7	102.0	109.1	113.5	117.1	117.1	117.1
2008	0	0	0	0	9	186	258	151	76	0	0	0
2008	0	0	0	0	9	195	453	604	680	680	680	680
2008	.0	.0	.0	.0	23.1	118.9	113.2	101.7	104.0	102.9	102.9	102.9
STATE :	37 RHODE ISLAND											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	12	86	223	206	67	9	0	0
2007	0	0	0	0	12	98	321	527	594	603	603	603
2007	.0	.0	.0	.0	171.4	134.2	120.2	120.9	125.1	126.4	126.4	126.4
2008	0	0	0	0	0	149	297	138	43	0	0	0
2008	0	0	0	0	0	149	446	584	627	627	627	627
2008	.0	.0	.0	.0	.0	204.1	167.0	133.9	132.0	131.4	131.4	131.4
STATE :	38 SOUTH CAROLINA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	11	0	32	19	147	364	413	585	319	141	4	11
2007	11	11	43	62	209	573	986	1571	1890	2031	2035	2046
2007	122.2	84.6	126.5	87.3	86.4	98.1	94.2	107.3	110.3	113.9	113.4	113.7
2008	5	6	15	23	142	450	458	436	260	38	0	8
2008	5	11	26	49	191	641	1099	1535	1795	1833	1833	1841
2008	55.6	84.6	76.5	69.0	78.9	109.8	105.0	104.8	104.7	102.8	102.1	102.3
STATE :	39 SOUTH DAKOTA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	2	0	71	171	346	231	79	3	0	0
2007	0	0	2	2	73	244	590	821	900	903	903	903
2007	.0	.0	9999.9	66.7	152.1	125.8	128.8	122.9	123.6	123.5	123.5	123.5
2008	0	0	0	0	16	107	273	215	57	0	0	0
2008	0	0	0	0	16	123	396	611	668	668	668	668
2008	.0	.0	.0	.0	33.3	63.4	86.5	91.5	91.8	91.4	91.4	91.4
STATE :	40 TENNESSEE											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	37	5	160	308	351	553	258	77	0	0
2007	0	0	37	42	202	510	861	1414	1672	1749	1749	1749
2007	.0	.0	264.3	135.5	142.3	125.6	109.0	124.9	127.8	129.9	129.7	129.7
2008	0	0	6	10	87	316	366	323	207	24	0	0
2008	0	0	6	16	103	419	785	1108	1315	1339	1339	1339
2008	.0	.0	42.9	51.6	72.5	103.2	99.4	97.9	100.5	99.5	99.3	99.3

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 PERCENTAGE OF 9999.9 => 10000

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

2008--BASE TEMP = 65 DEG F

STATE :	41 TEXAS											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	6	9	98	62	271	433	470	570	415	194	49	18
2007	6	15	113	175	446	879	1349	1919	2334	2528	2577	2595
2007	40.0	45.5	120.2	82.9	90.3	92.7	89.2	93.1	95.9	97.5	97.8	98.0
2008	10	29	58	116	323	549	564	543	324	133	44	8
2008	10	39	97	213	536	1085	1649	2192	2516	2649	2693	2701
2008	66.7	118.2	103.2	100.9	108.5	114.5	109.1	106.4	103.4	102.2	102.2	102.0
STATE :	42 UTAH											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	1	3	42	169	414	326	70	3	0	0
2007	0	0	1	4	46	215	629	955	1025	1028	1028	1028
2007	.0	.0	9999.9	100.0	158.6	149.3	159.6	158.1	154.1	153.2	153.2	153.2
2008	0	0	0	2	14	112	339	267	68	3	0	0
2008	0	0	0	2	16	128	467	734	802	805	805	805
2008	.0	.0	.0	50.0	55.2	88.9	118.5	121.5	120.6	120.0	120.0	120.0
STATE :	43 VERMONT											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	6	57	82	96	19	0	0	0
2007	0	0	0	0	6	63	145	241	260	260	260	260
2007	.0	.0	.0	.0	50.0	116.7	82.4	91.3	94.2	94.2	94.2	94.2
2008	0	0	0	0	0	65	131	66	17	0	0	0
2008	0	0	0	0	0	65	196	262	279	279	279	279
2008	.0	.0	.0	.0	.0	120.4	111.4	99.2	101.1	101.1	101.1	101.1
STATE :	44 VIRGINIA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	2	0	4	0	80	239	313	403	172	72	0	0
2007	2	2	6	6	86	325	638	1041	1213	1285	1285	1285
2007	9999.9	9999.9	300.0	75.0	114.7	116.1	103.9	115.9	118.1	122.6	122.5	122.5
2008	0	0	3	5	42	302	334	263	150	7	0	0
2008	0	0	3	8	50	352	686	949	1099	1106	1106	1106
2008	.0	.0	150.0	100.0	66.7	125.7	111.7	105.7	107.0	105.5	105.4	105.4
STATE :	45 WASHINGTON											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	4	18	130	66	10	0	0	0
2007	0	0	0	0	4	22	152	218	228	228	228	228
2007	.0	.0	.0	.0	80.0	78.6	150.5	123.2	115.2	115.2	115.2	115.2
2008	0	0	0	0	4	9	72	79	13	0	0	0
2008	0	0	0	0	4	13	85	164	177	177	177	177
2008	.0	.0	.0	.0	80.0	46.4	84.2	92.7	89.4	89.4	89.4	89.4

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 PERCENTAGE OF 9999.9 => 10000

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

2008--BASE TEMP = 65 DEG F

STATE :	46 WEST VIRGINIA											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	4	0	81	179	194	342	133	37	0	0
2007	0	0	4	4	85	264	458	800	933	970	970	970
2007	.0	.0	200.0	80.0	144.1	126.9	99.8	118.9	123.1	125.8	125.8	125.8
2008	0	0	0	3	21	186	218	164	123	3	0	0
2008	0	0	0	3	24	210	428	592	715	718	718	718
2008	.0	.0	.0	60.0	40.7	101.0	93.2	88.0	94.3	93.1	93.1	93.1
STATE :	47 WISCONSIN											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	45	129	179	187	48	13	0	0
2007	0	0	0	0	45	174	353	540	588	601	601	601
2007	.0	.0	.0	.0	140.6	130.8	110.7	115.6	118.1	119.7	119.7	119.7
2008	0	0	0	0	8	99	172	137	41	0	0	0
2008	0	0	0	0	8	107	279	416	457	457	457	457
2008	.0	.0	.0	.0	25.0	80.5	87.5	89.1	91.8	91.0	91.0	91.0
STATE :	48 WYOMING											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	7	70	240	149	24	0	0	0
2007	0	0	0	0	7	77	317	466	490	490	490	490
2007	.0	.0	.0	.0	.3	2.9	9.9	12.6	11.7	10.5	9.5	8.8
2008	0	0	0	0	0	30	161	97	9	0	0	0
2008	0	0	0	0	0	30	191	288	297	297	297	297
2008	.0	.0	.0	.0	.0	1.1	6.0	7.8	7.1	6.3	5.8	5.3

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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	.11000
03	EAST NORTH CENTRAL		05	NORTH CAROLINA	.15550	06	NEW MEXICO	.10010
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

2008--BASE TEMP = 65 DEG F

REGION :	1 NEW ENGLAND											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	12	71	178	166	49	8	0	0
2007	0	0	0	0	12	83	261	427	476	484	484	484
2007	.0	.0	.0	.0	200.0	120.3	104.8	108.1	114.1	116.1	116.1	116.1
2008	0	0	0	0	1	105	245	113	33	0	0	0
2008	0	0	0	0	1	106	351	464	497	497	497	497
2008	.0	.0	.0	.0	16.7	153.6	141.0	117.5	119.2	119.2	119.2	119.2
REGION :	2 MIDDLE ATLANTIC											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	0	0	45	157	219	236	97	34	0	0
2007	0	0	0	0	45	202	421	657	754	788	788	788
2007	.0	.0	.0	.0	195.7	144.3	108.8	111.0	115.8	120.1	120.1	120.1
2008	0	0	0	0	8	197	290	166	84	0	0	0
2008	0	0	0	0	8	205	495	661	745	745	745	745
2008	.0	.0	.0	.0	34.8	146.4	127.9	111.7	114.4	113.6	113.6	113.6
REGION :	3 E. N. CENTRAL											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	3	0	90	183	199	286	109	30	0	0
2007	0	0	3	3	93	276	475	761	870	900	900	900
2007	.0	.0	300.0	150.0	182.4	139.4	107.2	118.9	124.3	127.1	127.1	127.1
2008	0	0	0	0	21	177	228	180	88	4	0	0
2008	0	0	0	0	21	198	426	606	694	698	698	698
2008	.0	.0	.0	.0	41.2	100.0	96.2	94.7	99.1	98.6	98.6	98.6
REGION :	4 W. N. CENTRAL											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	12	0	112	208	310	350	122	21	0	0
2007	0	0	12	12	124	332	642	992	1114	1135	1135	1135
2007	.0	.0	400.0	133.3	167.6	124.8	111.8	119.7	121.6	122.3	122.3	122.3
2008	0	0	0	0	41	188	298	231	83	6	0	0
2008	0	0	0	0	41	229	527	758	841	847	847	847
2008	.0	.0	.0	.0	55.4	86.1	91.8	91.4	91.8	91.3	91.3	91.3
REGION :	5 SOUTH ATLANTIC											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	47	21	59	58	178	339	408	503	309	190	47	53
2007	47	68	127	185	363	702	1110	1613	1922	2112	2159	2212
2007	138.2	106.2	112.4	101.1	100.8	103.4	100.5	107.7	109.5	112.6	111.8	112.6
2008	31	43	48	68	172	387	413	382	278	100	27	38
2008	31	74	122	190	362	749	1162	1544	1822	1922	1949	1987
2008	91.2	115.6	108.0	103.8	100.6	110.3	105.3	103.1	103.8	102.5	100.9	101.2

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

2008--BASE TEMP = 65 DEG F

REGION :	6 E. S. CENTRAL											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	6	1	44	14	182	347	377	563	289	95	3	6
2007	6	7	51	65	247	594	971	1534	1823	1918	1921	1927
2007	75.0	58.3	164.5	114.0	128.0	121.5	107.8	120.1	122.7	124.6	124.3	124.5
2008	2	3	12	26	123	352	402	355	242	39	1	3
2008	2	5	17	43	166	518	920	1275	1517	1556	1557	1560
2008	25.0	41.7	54.8	75.4	86.0	105.9	102.1	99.8	102.1	101.1	100.8	100.8
REGION :	7 W. S. CENTRAL											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	7	7	89	53	256	418	463	575	393	171	39	17
2007	7	14	103	156	412	830	1293	1868	2261	2432	2471	2488
2007	50.0	48.3	128.8	89.7	96.7	96.8	92.2	96.8	99.4	101.0	101.3	101.6
2008	10	23	48	96	285	509	551	515	303	113	33	8
2008	10	33	81	177	462	971	1522	2037	2340	2453	2486	2494
2008	71.4	113.8	101.2	101.7	108.5	113.3	108.6	105.6	102.9	101.9	101.9	101.8
REGION :	8 MOUNTAIN											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	4	28	50	141	282	457	396	209	72	24	0
2007	0	4	32	82	223	505	962	1358	1567	1639	1663	1663
2007	.0	100.0	228.6	167.3	153.8	135.0	134.5	133.5	132.3	132.3	133.8	133.8
2008	0	2	16	47	97	279	412	353	205	78	15	0
2008	0	2	18	65	162	441	853	1206	1411	1489	1504	1504
2008	.0	50.0	128.6	132.7	111.7	117.9	119.3	118.6	119.2	120.2	121.0	121.0
REGION :	9 PACIFIC											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	0	0	13	16	52	110	238	234	105	34	9	0
2007	0	0	13	29	81	191	429	663	768	802	811	811
2007	.0	.0	185.7	138.1	142.1	121.7	124.3	123.2	115.8	114.7	115.4	115.2
2008	0	0	6	17	38	132	218	233	155	56	13	0
2008	0	0	6	23	61	193	411	644	799	855	868	868
2008	.0	.0	85.7	109.5	107.0	122.9	119.1	119.7	120.5	122.3	123.5	123.3

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

2008--BASE TEMP = 65 DEG F

REGION :	11 NATIONAL											
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2007	10	5	29	23	119	236	310	366	191	82	16	12
2007	10	15	44	67	186	422	732	1098	1289	1371	1387	1399
2007	111.1	88.2	125.7	103.1	114.8	112.5	105.2	111.4	113.0	114.8	114.7	115.0
2008	7	11	17	31	91	264	334	283	171	48	12	8
2008	7	18	35	66	157	421	755	1038	1209	1257	1269	1277
2008	77.8	105.9	100.0	101.5	96.9	112.3	108.5	105.3	106.0	105.3	105.0	104.9

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

REFERENCES

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

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

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

U.S. DEPARTMENT OF COMMERCE, BUREAU OF THE CENSUS, 2002: "2000 CENSUS OF POPULATION, GENERAL
POPULATION CHARACTERISTICS", SERIES CT-1 (ALABAMA THROUGH WYOMING AND U.S. SUMMARY).

STATE AVERAGE TEMPERATURE (DEG F) (DIVISIONS WEIGHTED BY AREA) -- 2007

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ALABAMA	46.6	44.6	59.9	60.1	71.3	79.0	79.5	84.7	76.3	66.8	53.8	51.2
ARIZONA	39.5	47.2	55.5	60.5	69.2	78.0	82.8	81.0	74.4	63.1	56.1	40.4
ARKANSAS	39.5	40.1	59.4	57.1	71.0	77.1	77.7	83.8	74.3	64.2	52.4	43.7
CALIFORNIA	42.6	48.2	55.9	58.0	65.5	71.6	77.3	76.5	68.8	60.1	54.5	42.9
COLORADO	18.1	27.6	40.4	43.8	54.2	63.6	70.5	69.5	60.5	48.8	38.0	22.1
CONNECTICUT	30.7	22.1	34.5	45.0	59.8	66.4	71.3	70.5	64.9	57.8	39.9	29.8
DELAWARE	40.8	30.0	45.6	51.2	65.2	73.6	76.5	77.2	70.8	64.6	47.3	39.4
FLORIDA	61.1	57.8	66.1	68.3	74.8	79.8	82.1	83.6	80.5	76.4	64.7	64.3
GEORGIA	48.5	45.8	59.4	60.6	70.3	77.7	78.9	83.3	75.7	67.4	53.7	52.3
IDAHO	20.2	31.8	40.1	45.4	54.2	61.6	73.7	66.9	56.6	45.0	34.7	24.9
ILLINOIS	30.1	21.3	47.5	50.1	67.5	72.7	73.3	78.4	69.9	59.9	42.1	30.0
INDIANA	31.9	19.7	46.5	49.3	66.4	72.2	71.9	77.1	69.3	60.2	41.9	32.4
IOWA	21.3	15.1	41.5	46.4	64.9	70.6	74.0	74.5	64.8	56.0	37.1	20.1
KANSAS	26.3	29.0	51.5	50.1	65.7	72.2	77.9	81.4	70.4	58.7	43.7	28.9
KENTUCKY	37.8	28.7	52.9	53.3	67.9	73.9	74.7	81.2	72.1	62.4	46.1	40.5
LOUISIANA	49.3	50.2	63.4	63.9	74.0	80.2	80.3	84.4	78.9	69.5	59.6	55.7
MAINE	17.0	11.0	25.6	37.0	51.5	61.6	64.9	63.9	57.6	49.5	32.0	17.8
MARYLAND & D.C.	38.4	28.0	44.7	50.8	64.7	72.7	75.3	76.3	69.8	63.0	45.2	37.9
MASSACHUSETTS	29.7	22.1	33.7	43.2	58.4	65.5	70.3	69.7	63.5	55.9	38.5	28.2
MICHIGAN	24.1	15.2	34.4	41.3	57.6	67.0	67.8	68.8	62.0	54.5	35.4	24.4
MINNESOTA	14.8	8.5	31.7	41.3	59.1	67.7	71.1	67.2	59.8	49.6	30.9	11.8
MISSISSIPPI	45.8	45.3	61.0	61.0	72.3	79.4	79.2	84.5	77.0	66.8	55.0	51.6
MISSOURI	31.4	28.6	52.7	52.1	68.6	73.7	76.1	81.6	70.7	60.1	45.1	33.1
MONTANA	22.4	22.7	40.2	42.4	53.9	62.1	74.6	66.9	56.5	46.1	32.9	22.6
NEBRASKA	21.2	22.2	44.9	46.1	62.4	69.3	76.2	75.7	64.8	53.5	39.4	21.6
NEVADA	26.0	37.2	45.4	49.5	59.0	68.1	76.9	72.8	61.3	49.8	41.8	29.1
NEW HAMPSHIRE	21.6	14.8	28.1	39.7	54.9	62.9	66.3	66.2	59.8	51.7	33.8	21.8
NEW JERSEY	37.1	26.7	41.3	48.8	63.2	71.0	74.1	74.1	68.3	62.4	43.9	36.1
NEW MEXICO	30.1	38.9	47.8	51.8	60.4	70.1	73.9	74.3	67.4	56.7	46.0	35.0
NEW YORK	25.4	16.1	30.4	41.2	56.5	66.2	67.2	68.5	62.5	55.3	36.3	26.3
NORTH CAROLINA	44.3	38.8	53.7	57.2	66.2	74.3	76.0	80.6	72.7	65.6	49.8	47.5
NORTH DAKOTA	13.2	7.7	32.2	40.6	56.0	65.5	73.3	66.3	58.4	46.5	29.5	12.7
OHIO	32.9	18.9	43.3	48.1	64.0	70.8	70.8	75.2	67.8	59.9	42.1	32.9
OKLAHOMA	34.8	38.6	57.9	55.1	69.0	75.1	78.8	82.8	74.2	64.0	50.7	38.0
OREGON	30.4	37.8	44.9	47.0	55.0	61.2	71.2	66.1	58.3	47.9	39.6	32.8
PENNSYLVANIA	31.2	19.6	36.9	44.5	60.1	67.9	68.9	70.8	64.5	57.8	39.6	31.3
RHODE ISLAND	32.9	26.1	37.2	45.4	59.6	67.0	72.2	71.5	65.7	58.1	41.0	30.9
SOUTH CAROLINA	47.8	44.2	57.7	60.5	68.9	77.1	78.5	83.8	75.7	68.1	53.2	51.5
SOUTH DAKOTA	20.1	15.0	40.1	43.0	60.4	68.4	76.6	71.7	63.1	50.5	35.1	19.3
TENNESSEE	39.7	35.1	56.1	55.0	68.7	75.2	76.3	82.8	73.2	63.2	48.1	44.2
TEXAS	41.8	48.4	61.4	61.3	71.3	77.9	79.2	82.0	77.3	68.6	57.3	48.6
UTAH	20.2	34.5	43.6	49.9	59.3	69.0	77.5	74.7	63.2	49.7	40.5	24.9
VERMONT	19.5	12.3	25.6	39.4	54.3	64.5	65.7	65.9	59.8	51.4	32.9	21.5
VIRGINIA	39.7	31.3	48.8	53.1	64.5	72.1	74.0	77.8	69.6	62.6	46.2	41.4
WASHINGTON	29.4	37.0	43.4	47.3	55.2	60.2	69.9	65.3	58.7	47.5	38.1	31.7
WEST VIRGINIA	34.8	23.0	45.6	49.0	63.0	69.4	69.9	75.1	67.4	59.3	42.5	37.1
WISCONSIN	20.2	11.3	34.4	42.8	59.2	67.0	69.7	68.9	61.4	53.0	33.2	17.2
WYOMING	15.5	25.1	38.5	41.6	52.5	62.1	72.0	67.8	57.2	45.4	33.9	18.2

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

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

-- 2007

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NEW ENGLAND	20.9	14.2	27.8	39.2	54.0	63.1	66.5	65.9	59.7	51.7	33.9	21.3
MIDDLE ATLANTIC	28.9	18.4	34.1	43.3	58.6	67.3	68.5	69.9	63.8	57.0	38.3	29.3
E. N. CENTRAL	27.2	17.0	40.6	45.9	62.6	69.7	70.6	73.3	65.7	57.1	38.5	26.6
W. N. CENTRAL	21.1	18.1	42.0	45.6	62.3	69.6	75.1	74.0	64.6	53.5	37.2	21.0
SOUTH ATLANTIC	47.4	41.9	56.1	59.0	68.6	75.7	77.3	81.1	74.3	67.4	52.8	50.3
E. S. CENTRAL	42.8	39.1	57.7	57.6	70.2	77.1	77.6	83.5	74.8	65.0	51.1	47.3
W. S. CENTRAL	41.2	46.0	60.8	60.1	71.2	77.6	79.1	82.6	76.6	67.5	55.9	47.1
MOUNTAIN	24.5	33.0	44.1	48.1	57.9	66.9	75.3	71.7	62.2	50.8	40.6	27.4
PACIFIC	36.1	42.7	50.0	52.4	60.2	66.1	73.9	71.0	63.5	53.8	46.6	37.5
NATIONAL	31.1	32.3	47.8	50.9	62.9	70.4	75.2	75.1	67.0	57.1	44.2	33.4

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

STATE AVERAGE TEMPERATURE (DEG F) (DIVISIONS WEIGHTED BY AREA) -- 2008

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ALABAMA	42.7	48.6	54.9	62.7	70.2	78.8	80.1	78.7	74.7	62.4	51.1	49.5
ARIZONA	40.4	45.4	52.6	59.2	64.7	77.6	81.5	79.8	73.6	62.6	53.3	42.6
ARKANSAS	38.4	42.7	51.4	58.6	68.1	77.7	80.6	77.8	71.2	60.2	48.9	40.6
CALIFORNIA	42.7	47.1	52.5	56.5	63.6	72.0	77.0	77.4	71.9	62.7	55.2	43.3
COLORADO	19.7	26.6	33.9	41.3	51.8	62.4	69.9	66.5	57.9	47.8	38.6	24.9
CONNECTICUT	29.5	29.3	35.8	49.8	55.1	68.1	73.2	67.5	63.3	50.0	40.6	31.7
DELAWARE	37.4	39.5	45.9	55.8	61.4	75.9	78.0	73.9	70.3	56.9	46.3	41.1
FLORIDA	58.0	62.8	64.3	69.2	76.0	80.6	81.1	81.3	79.8	71.5	61.5	62.0
GEORGIA	44.2	50.2	54.4	62.2	70.0	79.3	79.6	79.0	74.5	62.4	51.3	51.1
IDAHO	20.0	28.0	32.0	38.6	51.7	58.8	68.7	67.0	57.1	46.1	38.5	23.9
ILLINOIS	26.6	25.6	38.4	51.3	58.9	73.2	74.5	72.0	67.1	54.2	40.9	26.7
INDIANA	27.3	27.4	38.1	52.1	58.2	72.3	73.3	71.3	67.8	53.6	40.6	28.8
IOWA	16.2	16.4	32.0	45.7	57.5	69.6	73.4	70.1	63.6	50.8	37.1	17.5
KANSAS	29.3	31.2	42.4	49.7	62.8	73.8	78.5	75.2	66.4	54.9	44.3	29.2
KENTUCKY	32.7	36.8	44.7	55.3	61.7	74.6	75.0	73.9	71.3	56.5	43.2	35.9
LOUISIANA	48.4	54.9	60.0	66.5	74.0	81.3	83.1	81.4	75.8	66.2	57.0	52.5
MAINE	17.9	17.5	22.5	41.5	50.5	61.7	68.6	63.6	56.7	44.3	35.1	20.1
MARYLAND & D.C.	35.2	36.5	44.0	55.3	59.6	73.8	75.9	72.3	68.6	54.7	44.4	38.1
MASSACHUSETTS	28.2	28.5	34.0	47.9	54.2	67.5	72.7	67.7	62.6	49.5	39.7	31.0
MICHIGAN	23.0	17.9	26.6	45.5	51.0	64.7	68.2	66.5	60.8	46.8	36.0	20.9
MINNESOTA	8.4	9.2	23.4	39.6	51.8	63.3	69.0	67.5	59.2	46.2	31.2	7.5
MISSISSIPPI	43.0	49.5	56.1	63.1	71.2	79.4	81.7	78.7	74.3	62.8	51.9	48.1
MISSOURI	30.3	30.3	42.9	51.9	62.6	73.7	76.8	74.3	67.4	55.9	43.6	30.9
MONTANA	18.5	24.9	32.7	39.2	51.4	58.2	67.9	67.1	54.8	44.8	37.0	14.6
NEBRASKA	20.8	25.3	36.7	44.3	56.4	67.8	75.1	71.5	62.4	50.1	38.8	20.8
NEVADA	26.7	33.6	40.5	45.7	54.6	65.7	74.3	73.3	63.6	51.9	44.3	29.2
NEW HAMPSHIRE	22.3	22.2	27.3	44.6	51.6	64.4	65.2	64.4	59.0	45.3	35.8	24.5
NEW JERSEY	34.5	35.4	42.0	53.3	58.4	73.6	76.7	71.8	68.1	53.8	44.1	37.2
NEW MEXICO	32.2	39.7	45.2	52.0	60.7	72.3	72.8	71.7	64.3	55.3	44.8	36.7
NEW YORK	26.0	23.5	29.3	48.8	52.2	67.3	69.7	65.5	61.3	46.8	37.1	27.1
NORTH CAROLINA	40.1	45.9	50.8	58.6	64.9	77.2	76.8	75.7	71.2	58.1	47.5	46.2
NORTH DAKOTA	9.1	9.5	26.1	39.9	51.7	60.9	69.6	68.9	57.1	44.6	29.5	4.7
OHIO	28.7	27.8	36.4	53.0	57.3	71.2	72.7	70.7	67.4	52.1	40.1	30.8
OKLAHOMA	37.8	40.6	50.2	57.3	68.4	78.2	81.8	79.0	70.2	60.1	50.0	38.3
OREGON	29.0	36.7	38.7	42.7	54.2	58.7	67.6	66.7	59.3	49.4	43.1	30.9
PENNSYLVANIA	29.0	27.2	35.1	50.9	53.8	68.9	71.2	67.1	63.5	48.8	38.9	30.8
RHODE ISLAND	31.2	31.8	38.2	50.1	56.1	69.7	74.6	69.0	64.1	51.3	41.7	34.4
SOUTH CAROLINA	43.2	50.1	54.0	61.2	68.7	80.1	79.8	79.1	73.7	61.2	50.0	50.4
SOUTH DAKOTA	16.0	18.5	31.9	41.9	53.2	64.0	72.9	71.5	60.7	47.3	34.3	14.0
TENNESSEE	35.5	41.4	48.3	57.0	64.6	75.4	76.7	75.3	71.3	57.9	45.1	39.9
TEXAS	45.4	52.4	57.8	65.0	74.1	82.9	81.8	80.9	73.3	65.3	56.6	47.7
UTAH	22.6	30.3	38.7	44.9	54.7	66.4	75.4	73.1	62.6	50.9	41.4	27.2
VERMONT	21.3	20.5	25.3	45.7	51.0	64.9	68.1	64.2	59.4	44.7	35.1	23.0
VIRGINIA	35.8	39.8	46.4	55.7	61.3	74.2	74.8	72.6	68.4	54.8	44.0	39.8
WASHINGTON	28.3	36.4	39.1	43.0	55.4	58.4	66.5	65.8	58.8	48.1	41.6	27.5
WEST VIRGINIA	30.2	33.7	41.0	53.9	57.2	69.9	70.9	68.7	66.7	51.7	39.6	35.0
WISCONSIN	14.6	12.8	25.2	42.9	52.2	64.5	69.1	66.8	60.8	47.0	33.5	12.8
WYOMING	15.7	23.1	29.1	36.9	48.3	57.8	68.2	66.0	54.2	43.7	36.7	19.1

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

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

-- 2008

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NEW ENGLAND	21.4	21.1	26.3	44.1	51.7	63.9	69.0	64.7	58.8	45.7	36.3	23.6
MIDDLE ATLANTIC	28.0	26.0	32.8	50.1	53.4	68.5	70.9	66.7	62.8	48.2	38.4	29.5
E. N. CENTRAL	23.5	21.5	32.3	48.4	55.2	68.8	71.3	69.2	64.4	50.4	37.9	23.2
W. N. CENTRAL	18.6	20.2	33.6	44.6	56.5	67.5	73.6	71.3	62.4	49.9	37.0	17.8
SOUTH ATLANTIC	43.4	48.5	53.0	60.9	67.3	77.5	77.8	76.7	73.1	61.0	50.2	48.8
E. S. CENTRAL	38.9	44.5	51.4	59.8	67.3	77.3	78.6	76.8	73.1	60.1	48.2	43.9
W. S. CENTRAL	43.7	49.6	56.0	63.1	72.4	81.4	81.8	80.3	72.8	64.0	54.6	45.9
MOUNTAIN	24.7	31.6	38.3	45.0	54.9	65.0	72.3	70.6	61.0	50.5	41.9	27.2
PACIFIC	35.6	41.7	45.6	49.5	59.1	65.2	72.0	71.7	65.4	55.7	48.7	36.3
NATIONAL	30.1	34.4	42.1	50.8	60.0	70.1	74.6	72.8	65.6	54.3	44.2	31.9

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

STATE AVERAGE PRECIPITATION (IN.) (DIVISIONS WEIGHTED BY AREA) -- 2007

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ALABAMA	4.53	2.78	1.58	4.06	.87	2.92	5.22	2.99	3.37	4.23	3.09	4.51
ARIZONA	.77	.56	.71	.26	.25	.13	2.62	2.08	1.03	.17	.50	2.61
ARKANSAS	6.90	2.54	1.69	4.25	3.66	3.56	5.73	.82	4.48	5.15	2.10	5.84
CALIFORNIA	.66	4.18	.65	1.20	.32	.10	.21	.11	.49	1.38	.71	3.05
COLORADO	.79	.66	.91	1.85	1.98	1.03	1.90	2.39	1.61	.94	.24	2.12
CONNECTICUT	3.29	1.90	4.94	8.79	2.15	3.61	4.68	2.05	2.06	4.01	3.27	5.18
DELAWARE	4.07	2.65	3.37	6.37	1.17	3.63	2.07	3.43	1.35	5.02	1.74	4.84
FLORIDA	2.59	2.48	1.21	2.12	1.51	6.00	7.81	5.31	6.69	5.75	1.37	2.37
GEORGIA	4.40	2.72	2.26	2.02	.63	4.64	5.23	4.23	3.11	2.75	1.41	5.68
IDAHO	.96	1.71	1.04	1.26	.90	1.09	.29	.40	1.15	2.10	1.58	2.59
ILLINOIS	3.03	2.34	3.25	3.58	2.40	4.15	3.43	4.40	1.57	3.61	1.76	4.00
INDIANA	4.88	2.54	3.54	4.27	1.83	3.27	3.29	4.57	2.65	3.70	2.88	5.08
IOWA	.98	1.81	2.95	4.62	5.36	3.37	3.38	9.88	2.85	5.02	.20	2.57
KANSAS	.92	.90	3.49	3.08	6.16	5.85	3.38	2.54	2.01	3.02	.16	2.54
KENTUCKY	4.21	2.45	2.88	3.82	2.16	3.41	4.22	1.68	2.04	5.68	3.31	6.99
LOUISIANA	7.22	2.11	1.59	4.12	4.92	5.27	8.58	3.05	5.16	4.09	3.21	3.74
MAINE	2.56	2.01	4.05	6.52	3.13	3.00	3.56	3.97	2.42	4.74	6.89	4.22
MARYLAND & D.C.	2.84	2.45	3.99	4.10	1.24	2.89	2.77	4.20	1.33	4.66	1.94	4.30
MASSACHUSETTS	3.35	2.37	5.29	7.61	3.43	2.96	4.32	1.30	2.51	3.57	3.75	5.59
MICHIGAN	2.31	1.07	2.67	3.15	2.36	2.54	2.06	3.99	2.96	3.88	1.70	2.75
MINNESOTA	.47	1.11	2.22	2.50	3.12	3.63	2.14	4.36	4.23	4.65	.26	1.32
MISSISSIPPI	4.86	2.47	.86	3.66	2.51	3.36	7.35	2.26	3.85	4.71	2.20	4.16
MISSOURI	3.04	2.39	2.67	3.88	5.06	5.28	2.37	3.15	3.16	4.03	1.23	4.13
MONTANA	.35	.97	.85	1.54	3.88	1.98	.87	.68	1.33	1.31	.61	.56
NEBRASKA	.62	.97	2.25	3.89	5.30	2.90	2.49	4.46	1.84	3.34	.06	1.48
NEVADA	.28	.81	.49	.78	.21	.25	.47	.53	1.01	.42	.20	1.19
NEW HAMPSHIRE	3.12	2.04	3.61	7.35	3.70	3.52	4.97	2.64	3.41	4.75	4.38	4.48
NEW JERSEY	3.74	2.02	4.37	9.11	1.74	4.04	4.58	4.73	1.04	5.23	2.15	5.54
NEW MEXICO	.94	.53	.99	.82	2.06	1.11	2.24	1.94	1.75	.26	.39	1.42
NEW YORK	3.76	2.40	3.19	4.64	1.96	2.84	4.75	2.55	3.34	4.92	4.18	4.51
NORTH CAROLINA	3.87	2.29	3.08	3.35	1.87	3.86	3.85	2.22	2.23	4.43	.98	4.22
NORTH DAKOTA	.12	.63	1.60	1.04	5.37	3.88	1.93	1.84	1.29	1.00	.17	.38
OHIO	4.61	2.23	4.27	3.47	1.56	2.84	3.75	5.91	2.37	3.19	3.31	4.72
OKLAHOMA	2.37	.92	4.21	2.91	7.22	9.84	4.74	3.44	3.20	3.13	.49	2.82
OREGON	2.19	3.58	1.83	1.82	.77	1.06	.46	.57	.91	2.95	3.20	4.46
PENNSYLVANIA	3.72	2.26	4.06	4.37	1.98	3.77	3.50	6.09	2.00	3.93	4.15	5.06
RHODE ISLAND	4.20	2.54	6.57	8.38	2.94	3.35	3.42	1.42	2.45	2.50	3.16	5.36
SOUTH CAROLINA	3.88	2.57	2.73	2.53	1.45	4.84	4.04	3.11	2.43	2.92	.65	5.18
SOUTH DAKOTA	.21	.89	2.15	2.30	4.54	3.34	1.02	4.01	1.51	2.73	.06	.67
TENNESSEE	4.05	2.16	2.26	3.84	1.95	2.93	3.79	1.32	3.11	4.77	3.62	4.40
TEXAS	3.76	.52	4.51	2.14	5.61	5.52	5.68	2.97	2.78	1.16	1.29	1.28
UTAH	.42	.86	.67	.79	.61	.40	.74	1.04	1.25	.75	.25	2.12
VERMONT	3.29	2.67	3.27	4.78	2.94	3.26	6.42	2.89	3.33	5.79	4.75	4.61
VIRGINIA	3.20	2.16	3.28	3.91	2.22	3.70	3.22	3.20	1.48	4.72	1.06	3.38
WASHINGTON	4.70	4.31	5.02	1.82	1.42	1.55	.93	.63	1.15	3.93	3.74	7.58
WEST VIRGINIA	3.59	2.58	4.05	4.62	2.10	3.63	5.42	3.57	2.40	3.65	3.05	5.55
WISCONSIN	1.02	1.21	2.29	2.61	2.61	2.93	3.09	7.08	3.25	4.85	.32	2.70
WYOMING	.43	.55	1.17	.99	1.88	1.03	1.24	1.24	1.04	1.62	.26	.90

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

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

-- 2007

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NEW ENGLAND	2.93	2.16	4.14	6.73	3.14	3.16	4.35	3.11	2.68	4.65	5.50	4.58
MIDDLE ATLANTIC	3.74	2.31	3.66	4.86	1.95	3.34	4.18	4.28	2.57	4.51	4.01	4.83
E. N. CENTRAL	2.94	1.80	3.11	3.34	2.22	3.15	3.07	5.18	2.57	3.90	1.84	3.69
W. N. CENTRAL	.88	1.20	2.47	2.99	4.95	4.06	2.36	4.13	2.42	3.37	.30	1.83
SOUTH ATLANTIC	3.55	2.47	2.63	2.96	1.53	4.50	4.98	3.74	3.24	4.17	1.35	4.25
E. S. CENTRAL	4.44	2.48	1.84	3.85	1.83	3.15	5.23	2.12	3.14	4.80	3.03	4.94
W. S. CENTRAL	4.30	1.00	3.80	2.73	5.56	5.94	5.86	2.80	3.32	2.28	1.47	2.35
MOUNTAIN	.61	.81	.85	1.05	1.61	.93	1.34	1.30	1.28	.91	.49	1.61
PACIFIC	1.97	4.03	1.92	1.52	.69	.69	.44	.36	.76	2.39	2.09	4.43
NATIONAL	2.19	1.67	2.25	2.46	2.76	2.94	2.95	2.63	2.19	2.67	1.34	2.84

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

STATE AVERAGE PRECIPITATION (IN.) (DIVISIONS WEIGHTED BY AREA) -- 2008

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ALABAMA	4.41	5.95	4.06	4.72	4.73	3.12	4.30	9.21	1.86	3.14	3.22	6.71
ARIZONA	2.14	1.21	.07	.01	.67	.16	2.33	2.49	.71	.26	.94	2.04
ARKANSAS	1.75	4.65	9.28	8.29	4.46	3.93	2.80	7.25	7.67	3.68	2.33	4.55
CALIFORNIA	6.64	2.82	.47	.21	.48	.02	.14	.12	.05	.68	2.21	2.81
COLORADO	1.20	1.00	.80	.93	1.37	.87	1.46	2.95	1.14	1.17	.65	1.33
CONNECTICUT	2.60	8.48	5.24	4.11	2.69	5.11	6.07	5.74	9.02	3.02	3.73	7.26
DELAWARE	1.84	3.49	3.26	2.90	5.66	3.21	4.77	.99	5.15	2.18	4.64	5.41
FLORIDA	2.95	4.24	3.57	3.61	1.63	6.99	8.36	12.94	3.57	3.79	1.42	2.05
GEORGIA	3.48	5.85	3.84	3.22	2.57	2.44	4.67	7.73	1.15	4.60	3.61	4.59
IDAHO	2.28	1.50	1.64	.89	1.55	1.34	.32	.72	.69	.77	2.40	2.72
ILLINOIS	2.41	4.41	4.42	4.31	5.36	5.76	5.74	1.99	7.72	2.35	1.48	4.42
INDIANA	3.16	4.84	6.61	3.24	5.69	6.49	4.25	2.08	4.05	2.28	2.20	5.13
IOWA	.69	1.75	1.25	5.80	5.77	8.97	5.85	1.90	4.20	3.35	1.74	2.05
KANSAS	.41	1.43	1.53	2.88	5.39	5.04	3.30	3.72	4.13	4.85	.96	.71
KENTUCKY	3.16	4.67	7.02	5.81	4.93	3.44	5.18	1.62	.87	2.22	2.50	5.74
LOUISIANA	4.93	5.32	3.39	3.43	5.98	3.61	2.46	7.26	9.24	1.52	3.81	5.33
MAINE	2.85	5.43	4.55	4.12	1.56	6.16	4.50	5.32	6.11	4.05	5.25	5.23
MARYLAND & D.C.	1.67	3.64	3.01	4.95	7.02	4.32	3.62	2.06	5.19	1.56	3.26	5.16
MASSACHUSETTS	2.64	8.96	5.58	4.11	2.23	4.95	7.29	3.83	8.12	2.74	3.84	8.01
MICHIGAN	3.28	2.62	1.50	3.31	2.35	4.70	3.72	1.70	5.20	2.24	2.38	4.43
MINNESOTA	.22	.42	.85	3.63	2.83	4.85	2.89	2.17	3.47	3.37	1.61	1.53
MISSISSIPPI	4.22	5.61	4.22	5.78	6.17	2.39	2.68	8.61	6.12	2.56	3.39	8.23
MISSOURI	1.72	4.61	7.03	6.76	5.76	6.97	6.24	2.65	8.33	2.53	1.63	3.22
MONTANA	.69	.57	.53	.73	3.60	2.52	1.08	1.05	1.57	1.05	.97	1.22
NEBRASKA	.19	.41	.85	2.92	6.02	4.20	3.07	2.09	2.68	4.52	.74	.59
NEVADA	1.46	.95	.29	.12	.80	.22	.46	.22	.18	.29	.90	1.01
NEW HAMPSHIRE	2.49	7.54	5.09	3.91	1.15	6.12	9.41	5.75	6.81	3.92	4.13	6.23
NEW JERSEY	2.19	5.13	3.75	2.91	4.63	3.34	3.65	2.53	6.27	2.86	4.00	6.63
NEW MEXICO	.66	.55	.20	.16	.94	.55	3.93	2.76	1.20	1.39	.38	.86
NEW YORK	1.86	4.92	4.92	2.66	2.08	4.28	5.85	4.11	3.43	4.84	2.60	5.13
NORTH CAROLINA	1.98	4.02	4.12	4.99	2.95	2.34	5.01	6.11	5.52	2.05	3.80	4.04
NORTH DAKOTA	.10	.40	.34	.74	1.61	4.15	2.44	2.21	2.68	2.51	1.60	1.25
OHIO	2.37	4.97	6.52	2.66	4.78	6.78	3.71	2.05	2.41	1.88	2.48	4.75
OKLAHOMA	.67	2.69	4.44	4.74	4.68	5.98	2.51	4.68	3.48	2.88	1.07	.95
OREGON	4.36	1.82	2.76	1.58	1.61	.86	.14	.71	.36	1.16	3.20	4.32
PENNSYLVANIA	2.06	5.17	5.39	3.06	4.18	4.20	4.38	2.54	4.32	2.76	2.32	5.51
RHODE ISLAND	3.16	7.31	5.99	4.32	2.41	2.62	4.64	3.29	9.51	2.14	4.53	8.21
SOUTH CAROLINA	3.08	4.02	3.51	3.29	2.89	2.42	4.65	7.53	4.15	4.66	3.76	3.12
SOUTH DAKOTA	.22	.37	.87	1.73	4.22	5.14	3.09	1.59	2.14	2.92	1.26	.76
TENNESSEE	3.47	3.97	6.56	5.89	5.14	2.46	4.23	3.40	1.26	3.38	2.63	8.17
TEXAS	.96	1.13	2.54	1.93	2.41	2.03	2.44	4.74	2.80	2.17	1.10	.53
UTAH	1.48	1.37	.56	.30	.96	.61	.40	.68	.64	.70	.86	1.45
VERMONT	2.28	5.49	4.62	3.15	1.45	6.48	7.13	5.77	2.62	5.21	2.65	5.17
VIRGINIA	1.47	2.69	3.19	5.65	4.16	2.99	4.00	3.94	4.50	1.46	2.91	4.05
WASHINGTON	4.89	3.14	3.70	1.94	1.32	1.74	.43	2.01	.60	2.06	6.44	5.27
WEST VIRGINIA	3.15	3.64	4.53	4.27	5.52	5.81	5.07	3.21	1.86	1.51	2.99	5.64
WISCONSIN	1.42	1.70	1.12	5.41	3.11	6.28	4.07	1.64	2.69	2.14	1.31	2.72
WYOMING	.67	.60	.81	.58	3.69	1.27	.75	.88	1.33	1.09	.58	.63

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

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

-- 2008

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NEW ENGLAND	2.68	6.43	4.84	3.95	1.67	5.91	6.03	5.26	6.24	3.93	4.42	5.91
MIDDLE ATLANTIC	1.98	5.05	5.04	2.85	3.20	4.17	5.03	3.30	4.04	3.77	2.58	5.41
E. N. CENTRAL	2.49	3.53	3.66	3.89	4.10	5.91	4.33	1.86	4.58	2.19	1.92	4.19
W. N. CENTRAL	.48	1.28	1.77	3.39	4.47	5.47	3.73	2.36	3.89	3.48	1.34	1.39
SOUTH ATLANTIC	2.64	4.20	3.73	4.16	3.16	3.83	5.40	7.28	3.55	3.09	3.04	3.83
E. S. CENTRAL	3.86	5.12	5.34	5.51	5.25	2.85	4.05	6.02	2.61	2.84	2.97	7.23
W. S. CENTRAL	1.45	2.27	3.75	3.31	3.42	3.06	2.50	5.31	4.21	2.39	1.54	1.61
MOUNTAIN	1.27	.92	.57	.46	1.76	1.00	1.43	1.52	.97	.85	.92	1.36
PACIFIC	5.59	2.59	1.84	.98	.99	.63	.20	.69	.26	1.12	3.40	3.78
NATIONAL	2.06	2.39	2.45	2.52	2.96	3.01	2.83	3.10	2.72	2.16	1.88	2.72

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.