



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

HISTORICAL CLIMATOLOGY SERIES 5-1

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

PERIOD: JULY 2007 THROUGH DECEMBER 2008

DATE PUBLISHED: MAY 2009

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

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

THIS TABULATION IS DESIGNED TO PROVIDE UP-TO-DATE HEATING FUEL DEMAND INFORMATION ON A STATE-WIDE BASIS. THE TOTAL MONTHLY SERIES, BY STATE, ARE AVAILABLE FOR THE PERIOD 1931/32 THROUGH 2001/02: HISTORICAL CLIMATOLOGY SERIES 5-1, "STATE REGIONAL AND NATIONAL MONTHLY AND SEASONAL HEATING DEGREE DAYS WEIGHTED BY POPULATION (2000 CENSUS), (JULY 1931 - JUNE 2002)."

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 5-2 DUE TO INTERNAL COMPUTER ROUNDING DIFFERENCES BETWEEN THE TWO PROGRAMS.

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

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

2008--BASE TEMP = 65 DEG F

STATE :	1 ALABAMA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	1	76	356	453	713	479	348	125	31	0
2007/2008	0	0	1	77	433	886	1599	2078	2426	2551	2582	2582
2007/2008	.0	.0	6.7	45.8	82.3	79.3	89.0	90.3	91.7	91.2	91.0	90.9
2008/2009	0	0	4	149	438	518	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	0	4	153	591	1109	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	.0	26.7	91.1	112.4	99.3	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	2 ARIZONA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	3	44	127	561	521	375	212	90	39	2
2007/2008	0	0	3	47	174	735	1256	1631	1843	1933	1972	1974
2007/2008	.0	.0	42.9	56.6	46.6	85.2	92.7	95.7	93.1	91.4	91.5	91.4
2008/2009	0	0	4	46	187	470	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	0	4	50	237	707	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	.0	57.1	60.2	63.5	81.9	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	3 ARKANSAS											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	8	110	389	679	833	640	443	217	43	1
2007/2008	0	0	8	118	507	1186	2019	2659	3102	3319	3362	3363
2007/2008	.0	.0	28.6	58.7	77.3	85.0	90.5	93.7	94.8	96.1	96.0	95.9
2008/2009	0	1	24	187	487	771	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	1	25	212	699	1470	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	50.0	89.3	105.5	106.6	105.4	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	4 CALIFORNIA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	3	3	33	128	244	544	545	399	327	229	138	27
2007/2008	3	6	39	167	411	955	1500	1899	2226	2455	2593	2620
2007/2008	30.0	31.6	78.0	98.8	83.9	98.2	103.0	103.8	101.7	100.7	100.4	99.5
2008/2009	4	3	14	77	213	533	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	4	7	21	98	311	844	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	40.0	36.8	42.0	58.0	63.5	86.7	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	5 COLORADO											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	6	15	165	482	799	1300	1335	1027	943	708	418	135
2007/2008	6	21	186	668	1467	2767	4102	5129	6072	6780	7198	7333
2007/2008	18.2	22.8	55.5	73.6	79.5	90.9	95.8	97.0	98.0	98.8	99.1	99.0
2008/2009	9	46	238	534	763	1228	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	9	55	293	827	1590	2818	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	27.3	59.8	87.5	91.1	86.2	92.5	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9

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

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

2008--BASE TEMP = 65 DEG F

STATE :	6 CONNECTICUT											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	1	6	49	205	714	1052	1056	960	867	445	290	14
2007/2008	1	7	56	261	975	2027	3083	4043	4910	5355	5645	5659
2007/2008	25.0	38.9	42.1	47.1	78.9	90.0	89.9	91.3	93.1	92.4	93.7	93.2
2008/2009	0	24	74	435	701	997	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	24	98	533	1234	2231	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	133.3	73.7	96.2	99.9	99.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	7 DELAWARE											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	12	111	572	831	892	762	623	293	163	0
2007/2008	0	0	12	123	695	1526	2418	3180	3803	4096	4259	4259
2007/2008	.0	.0	27.9	37.5	79.0	88.2	88.7	89.3	89.9	89.0	90.0	89.9
2008/2009	0	0	15	287	582	790	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	0	15	302	884	1674	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	.0	34.9	92.1	100.5	96.8	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	8 FLORIDA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	0	1	63	88	197	103	75	13	0	0
2007/2008	0	0	0	1	64	152	349	452	527	540	540	540
2007/2008	.0	.0	.0	10.0	91.4	66.1	78.8	75.7	78.1	77.9	77.8	77.8
2008/2009	0	0	0	7	106	122	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	0	0	7	113	235	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	.0	.0	70.0	161.4	102.2	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	9 GEORGIA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	2	86	405	476	726	490	403	165	47	0
2007/2008	0	0	2	88	493	969	1695	2185	2588	2753	2800	2800
2007/2008	.0	.0	13.3	52.1	93.5	86.1	93.9	94.3	96.8	97.2	97.3	97.1
2008/2009	0	0	6	175	476	527	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	0	6	181	657	1184	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	.0	40.0	107.1	124.7	105.2	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	10 IDAHO											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	2	27	191	540	843	1152	1306	965	917	693	318	145
2007/2008	2	29	220	760	1603	2755	4061	5026	5943	6636	6954	7099
2007/2008	5.1	32.6	70.5	90.0	92.4	94.3	98.2	99.0	101.1	103.2	102.8	102.8
2008/2009	15	26	193	511	732	1203	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	15	41	234	745	1477	2680	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	38.5	46.1	75.0	88.3	85.1	91.7	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9

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

2008--BASE TEMP = 65 DEG F

STATE :	11 ILLINOIS											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	6	4	37	220	750	1163	1268	1185	919	443	281	18
2007/2008	6	10	47	267	1017	2180	3448	4633	5552	5995	6276	6294
2007/2008	120.0	38.5	37.6	51.3	79.9	89.8	91.9	96.6	98.7	98.3	99.4	99.1
2008/2009	1	18	62	392	758	1290	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	1	19	81	473	1231	2521	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	20.0	73.1	64.8	91.0	96.7	103.9	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	12 INDIANA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	9	2	36	197	705	1033	1186	1072	852	395	253	13
2007/2008	9	11	47	244	949	1982	3168	4240	5092	5487	5740	5753
2007/2008	180.0	47.8	39.5	49.3	79.9	88.0	91.0	95.0	97.3	96.8	97.9	97.6
2008/2009	4	17	50	374	743	1145	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	4	21	71	445	1188	2333	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	80.0	91.3	59.7	89.9	100.1	103.6	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	13 IOWA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	7	7	86	294	833	1380	1507	1362	1025	566	264	32
2007/2008	7	14	100	394	1227	2607	4114	5476	6501	7067	7331	7363
2007/2008	63.6	35.0	58.5	64.0	82.2	93.1	96.6	101.3	103.1	103.9	104.4	104.3
2008/2009	8	29	104	444	829	1471	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	8	37	141	585	1414	2885	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	72.7	92.5	82.5	95.0	94.8	103.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	14 KANSAS											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	32	206	620	1099	1097	961	699	435	123	9
2007/2008	0	0	32	238	858	1957	3054	4015	4714	5149	5272	5281
2007/2008	.0	.0	42.1	67.6	84.4	96.4	96.8	100.2	101.4	103.4	103.3	103.2
2008/2009	1	8	77	305	618	1104	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	1	9	86	391	1009	2113	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	50.0	90.0	113.2	111.1	99.2	104.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	15 KENTUCKY											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	13	141	566	758	1005	795	636	297	159	0
2007/2008	0	0	13	154	720	1478	2483	3278	3914	4211	4370	4370
2007/2008	.0	.0	21.3	44.3	79.0	83.0	89.2	91.9	94.0	94.1	94.9	94.7
2008/2009	0	0	17	274	652	904	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	0	17	291	943	1847	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	.0	27.9	83.6	103.5	103.8	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9

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

2008--BASE TEMP = 65 DEG F

STATE :	16 LOUISIANA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	0	27	178	266	477	272	188	44	0	0
2007/2008	0	0	0	27	205	471	948	1220	1408	1452	1452	1452
2007/2008	.0	.0	.0	41.5	72.4	68.1	80.3	80.4	81.9	81.6	81.4	81.4
2008/2009	0	0	1	59	233	346	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	0	1	60	293	639	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	.0	50.0	92.3	103.5	92.3	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	17 MAINE											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	45	55	177	423	903	1353	1337	1200	1169	646	390	95
2007/2008	45	100	277	700	1603	2956	4293	5493	6662	7308	7698	7793
2007/2008	128.6	107.5	82.7	76.6	90.4	97.4	95.6	96.0	98.0	97.4	97.6	97.3
2008/2009	13	73	205	575	835	1248	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	13	86	291	866	1701	2949	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	37.1	92.5	86.9	94.7	95.9	97.2	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	18 MARYLAND & D.C.											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	13	120	589	858	926	810	658	298	184	0
2007/2008	0	0	13	133	722	1580	2506	3316	3974	4272	4456	4456
2007/2008	.0	.0	24.5	37.4	77.2	87.1	88.5	90.3	91.5	90.8	92.1	91.9
2008/2009	0	1	26	326	614	852	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	1	27	353	967	1819	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	33.3	50.9	99.2	103.4	100.3	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	19 MASSACHUSETTS											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	1	6	74	271	766	1115	1107	994	931	507	319	22
2007/2008	1	7	81	352	1118	2233	3340	4334	5265	5772	6091	6113
2007/2008	14.3	26.9	48.5	57.1	84.7	94.4	93.5	94.1	95.8	95.1	96.0	95.4
2008/2009	0	20	91	457	736	1019	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	20	111	568	1304	2323	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	76.9	66.5	92.1	98.8	98.2	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	20 MICHIGAN											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	16	15	83	265	812	1170	1207	1215	1060	474	359	41
2007/2008	16	31	114	379	1191	2361	3568	4783	5843	6317	6676	6717
2007/2008	114.3	62.0	57.6	56.7	81.5	90.1	90.4	94.3	97.0	95.7	97.0	96.7
2008/2009	12	31	99	511	817	1250	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	12	43	142	653	1470	2720	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	85.7	86.0	71.7	97.8	100.5	103.8	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9

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

2008--BASE TEMP = 65 DEG F

STATE :	21 MINNESOTA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	14	38	155	430	980	1594	1697	1507	1247	726	385	97
2007/2008	14	52	207	637	1617	3211	4908	6415	7662	8388	8773	8870
2007/2008	43.8	57.8	63.7	69.8	81.9	91.2	93.7	97.3	99.4	100.3	101.3	101.3
2008/2009	24	38	169	545	973	1675	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	24	62	231	776	1749	3424	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	75.0	68.9	71.1	85.1	88.6	97.3	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	22 MISSISSIPPI											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	0	67	301	414	673	429	296	108	12	0
2007/2008	0	0	0	67	368	782	1455	1884	2180	2288	2300	2300
2007/2008	.0	.0	.0	49.6	80.3	77.2	88.0	89.1	90.0	90.1	89.8	89.7
2008/2009	0	0	3	128	385	510	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	0	3	131	516	1026	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	.0	33.3	97.0	112.7	101.3	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	23 MISSOURI											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	29	195	610	1016	1095	1000	708	405	153	8
2007/2008	0	0	29	224	834	1850	2945	3945	4653	5058	5211	5219
2007/2008	.0	.0	34.1	57.9	80.7	90.3	92.1	96.9	98.3	99.9	100.2	100.0
2008/2009	0	10	63	304	651	1083	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	10	73	377	1028	2111	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	83.3	85.9	97.4	99.4	103.1	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	24 MONTANA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	8	75	291	607	962	1276	1404	1045	1003	796	445	247
2007/2008	8	83	374	981	1943	3219	4623	5668	6671	7467	7912	8159
2007/2008	9.0	43.7	71.5	83.4	87.6	90.9	93.9	94.2	95.4	97.3	97.6	98.2
2008/2009	61	72	338	636	828	1494	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	61	133	471	1107	1935	3429	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	68.5	70.0	90.1	94.1	87.3	96.8	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	25 NEBRASKA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	6	2	90	310	760	1338	1386	1154	872	593	245	36
2007/2008	6	8	98	408	1168	2506	3892	5046	5918	6511	6756	6792
2007/2008	54.5	25.0	63.6	72.1	82.4	95.0	98.2	101.0	101.7	103.7	104.2	104.1
2008/2009	8	18	120	411	775	1369	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	8	26	146	557	1332	2701	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	72.7	81.2	94.8	98.4	94.0	102.4	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9

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PERCENTAGE OF 9999.9 => 10000

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

2008--BASE TEMP = 65 DEG F

STATE :	26 NEVADA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	3	55	205	369	794	805	569	419	275	121	28
2007/2008	0	3	58	263	632	1426	2231	2800	3219	3494	3615	3643
2007/2008	.0	21.4	85.3	91.0	78.3	90.9	95.7	97.0	96.2	96.2	96.0	95.8
2008/2009	0	3	34	167	339	787	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	3	37	204	543	1330	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	21.4	54.4	70.6	67.3	84.8	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	27 NEW HAMPSHIRE											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	21	29	129	367	882	1287	1271	1139	1090	577	363	47
2007/2008	21	50	179	546	1428	2715	3986	5125	6215	6792	7155	7202
2007/2008	116.7	74.6	62.2	64.0	84.2	92.9	92.1	93.0	95.2	94.6	95.4	94.9
2008/2009	21	54	152	561	831	1193	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	21	75	227	788	1619	2812	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	116.7	111.9	78.8	92.4	95.5	96.3	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	28 NEW JERSEY											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	25	141	647	920	961	852	732	352	223	0
2007/2008	0	0	25	166	813	1733	2694	3546	4278	4630	4853	4853
2007/2008	.0	.0	30.1	37.0	75.9	86.1	86.8	88.1	89.4	88.4	89.5	89.1
2008/2009	0	0	26	365	636	888	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	0	26	391	1027	1915	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	.0	31.3	87.1	95.9	95.1	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	29 NEW MEXICO											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	2	1	39	267	562	933	1025	709	595	385	160	18
2007/2008	2	3	42	309	871	1804	2829	3538	4133	4518	4678	4696
2007/2008	40.0	18.8	45.2	74.3	80.5	89.9	96.0	96.7	97.0	97.4	97.4	97.1
2008/2009	3	5	66	293	604	874	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	3	8	74	367	971	1845	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	60.0	50.0	79.6	88.2	89.7	91.9	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	30 NEW YORK											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	9	8	53	197	712	1015	1039	971	888	408	287	12
2007/2008	9	17	70	267	979	1994	3033	4004	4892	5300	5587	5599
2007/2008	112.5	65.4	50.4	49.1	80.1	89.1	88.5	90.1	92.1	90.8	92.0	91.5
2008/2009	3	22	66	422	693	982	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	3	25	91	513	1206	2188	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	37.5	96.2	65.5	94.3	98.7	97.8	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9

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

2008--BASE TEMP = 65 DEG F

STATE :	31 NORTH CAROLINA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	5	89	455	548	779	539	447	207	78	0
2007/2008	0	0	5	94	549	1097	1876	2415	2862	3069	3147	3147
2007/2008	.0	.0	17.9	38.7	81.2	80.1	87.1	87.1	88.5	89.0	89.5	89.3
2008/2009	0	1	14	235	527	593	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	1	15	250	777	1370	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	100.0	53.6	102.9	114.9	100.1	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	32 NORTH DAKOTA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	14	78	226	566	1070	1652	1769	1589	1239	759	424	165
2007/2008	14	92	318	884	1954	3606	5375	6964	8203	8962	9386	9551
2007/2008	28.0	75.4	77.4	82.3	86.9	93.0	94.7	98.3	99.1	99.8	100.7	101.1
2008/2009	38	43	253	627	1069	1885	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	38	81	334	961	2030	3915	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	76.0	66.4	81.3	89.5	90.3	100.9	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	33 OHIO											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	10	2	46	195	694	1002	1124	1055	909	372	274	13
2007/2008	10	12	58	253	947	1949	3073	4128	5037	5409	5683	5696
2007/2008	166.7	50.0	44.6	48.1	77.7	86.4	88.9	92.9	96.1	94.7	95.8	95.4
2008/2009	3	15	53	411	751	1067	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	3	18	71	482	1233	2300	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	50.0	75.0	54.6	91.6	101.1	102.0	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	34 OKLAHOMA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	12	102	411	826	829	679	453	226	31	0
2007/2008	0	0	12	114	525	1351	2180	2859	3312	3538	3569	3569
2007/2008	.0	.0	38.7	58.2	76.4	90.9	91.5	94.2	94.7	95.7	95.2	95.2
2008/2009	0	0	31	172	442	817	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	0	31	203	645	1462	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	.0	100.0	103.6	93.9	98.4	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	35 OREGON											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	24	55	170	455	661	821	920	659	703	581	295	207
2007/2008	24	79	249	704	1365	2186	3106	3765	4468	5049	5344	5551
2007/2008	38.1	63.7	89.2	104.5	104.1	102.6	105.4	104.8	106.4	108.1	107.1	107.8
2008/2009	50	44	136	414	541	897	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	50	94	230	644	1185	2082	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	79.4	75.8	82.4	95.5	90.4	97.7	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9

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

2008--BASE TEMP = 65 DEG F

STATE :	36 PENNSYLVANIA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	12	5	55	200	713	989	1056	981	833	382	294	14
2007/2008	12	17	72	272	985	1974	3030	4011	4844	5226	5520	5534
2007/2008	150.0	65.4	52.9	49.7	80.2	88.4	89.3	91.8	93.6	92.4	94.1	93.7
2008/2009	4	22	68	445	729	998	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	4	26	94	539	1268	2266	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	50.0	100.0	69.1	98.5	103.3	101.4	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	37 RHODE ISLAND											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	46	223	720	1057	1047	929	830	447	279	8
2007/2008	0	0	46	269	989	2046	3093	4022	4852	5299	5578	5586
2007/2008	.0	.0	37.4	52.6	86.3	97.4	96.2	96.4	96.8	95.3	95.7	94.9
2008/2009	0	14	70	424	698	948	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	14	84	508	1206	2154	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	77.8	68.3	99.4	105.2	102.5	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	38 SOUTH CAROLINA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	0	52	366	440	689	434	363	143	32	0
2007/2008	0	0	0	52	418	858	1547	1981	2344	2487	2519	2519
2007/2008	.0	.0	.0	32.9	82.9	78.4	87.9	87.4	89.5	90.1	90.2	90.1
2008/2009	0	0	2	163	457	474	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	0	2	165	622	1096	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	.0	20.0	104.4	123.4	100.2	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	39 SOUTH DAKOTA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	11	23	134	428	881	1426	1525	1314	1046	685	366	111
2007/2008	11	34	168	596	1477	2903	4428	5742	6788	7473	7839	7950
2007/2008	30.6	44.2	61.3	73.9	81.7	90.9	94.3	97.7	98.8	100.1	101.1	101.3
2008/2009	23	25	169	528	907	1564	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	23	48	217	745	1652	3216	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	63.9	62.3	79.2	92.3	91.4	100.7	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	40 TENNESSEE											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	8	129	506	647	912	659	523	245	95	0
2007/2008	0	0	8	137	643	1290	2202	2861	3384	3629	3724	3724
2007/2008	.0	.0	19.5	47.1	81.1	81.9	89.4	90.9	92.7	93.1	93.3	93.1
2008/2009	0	0	15	242	597	775	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	0	15	257	854	1629	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	.0	36.6	88.3	107.7	103.4	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9

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

2008--BASE TEMP = 65 DEG F

STATE :	41 TEXAS											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	0	29	193	414	540	305	212	65	2	0
2007/2008	0	0	0	29	222	636	1176	1481	1693	1758	1760	1760
2007/2008	.0	.0	.0	43.3	68.9	80.3	88.7	87.5	88.5	88.5	88.1	88.1
2008/2009	0	0	5	58	210	463	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	0	5	63	273	736	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	.0	100.0	94.0	84.8	92.9	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	42 UTAH											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	3	122	452	718	1198	1302	983	851	630	328	90
2007/2008	0	3	125	577	1295	2493	3795	4778	5629	6259	6587	6677
2007/2008	.0	8.6	62.8	85.2	84.6	92.6	97.3	98.5	99.7	101.0	101.2	101.0
2008/2009	3	6	129	424	687	1131	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	3	9	138	562	1249	2380	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	23.1	25.7	69.3	83.0	81.6	88.4	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	43 VERMONT											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	46	50	163	406	944	1323	1330	1226	1207	558	419	51
2007/2008	46	96	259	665	1609	2932	4262	5488	6695	7253	7672	7723
2007/2008	148.4	97.0	74.2	70.4	87.9	93.9	92.5	93.2	95.9	94.5	95.7	95.2
2008/2009	20	76	170	616	881	1282	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	20	96	266	882	1763	3045	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	64.5	97.0	76.2	93.3	96.3	97.5	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	44 VIRGINIA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	1	0	16	119	541	729	873	697	564	271	144	2
2007/2008	1	1	17	136	677	1406	2279	2976	3540	3811	3955	3957
2007/2008	100.0	33.3	31.5	39.4	76.7	82.4	86.1	87.1	88.0	87.8	88.6	88.3
2008/2009	1	2	26	305	603	766	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	1	3	29	334	937	1703	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	100.0	100.0	53.7	96.8	106.1	99.8	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	45 WASHINGTON											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	33	72	190	474	696	867	937	681	713	587	286	215
2007/2008	33	105	295	769	1465	2332	3269	3950	4663	5250	5536	5751
2007/2008	42.9	70.0	87.5	97.7	99.4	99.4	101.4	100.8	102.3	104.2	103.5	104.3
2008/2009	72	58	183	464	571	986	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	72	130	313	777	1348	2334	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	93.5	86.7	92.9	98.7	91.5	99.4	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9

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2008--BASE TEMP = 65 DEG F

STATE :	46 WEST VIRGINIA											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	8	0	37	191	649	854	1057	869	729	315	241	14
2007/2008	8	8	45	236	885	1739	2796	3665	4394	4709	4950	4964
2007/2008	160.0	47.1	42.1	49.5	79.6	85.1	90.1	92.3	94.1	92.8	94.1	93.7
2008/2009	4	15	43	394	738	920	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	4	19	62	456	1194	2114	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	80.0	111.8	57.9	95.6	107.4	103.5	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	47 WISCONSIN											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	17	23	111	327	894	1388	1473	1387	1151	601	387	75
2007/2008	17	40	151	478	1372	2760	4233	5620	6771	7372	7759	7834
2007/2008	73.9	55.6	59.0	61.6	81.5	91.5	93.4	97.8	100.1	99.7	100.7	100.6
2008/2009	19	41	121	514	887	1521	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	19	60	181	695	1582	3103	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	82.6	83.3	70.7	89.6	94.0	102.9	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
STATE :	48 WYOMING											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	9	30	233	577	903	1415	1475	1134	1059	805	494	216
2007/2008	9	39	272	849	1752	3167	4642	5776	6835	7640	8134	8350
2007/2008	15.3	28.5	61.7	78.2	82.3	91.6	96.0	97.0	98.4	99.7	100.2	100.6
2008/2009	30	52	310	639	822	1382	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	30	82	392	1031	1853	3235	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	50.8	59.9	88.9	95.0	87.1	93.5	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9

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

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

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

2. REGIONAL POPULATION-WEIGHTED HEATING DEGREE DAYS

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

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

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

2.2 STATE POPULATION-WEIGHTS (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 HEATING DEGREE DAYS (STATES WEIGHTED BY 2000 POPULATION), THRU DEC

2008--BASE TEMP = 65 DEG F

REGION :	1 NEW ENGLAND											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	9	14	84	280	780	1141	1135	1023	956	508	324	29
2007/2008	9	23	107	387	1167	2308	3443	4466	5422	5930	6254	6283
2007/2008	81.8	62.2	56.3	58.9	84.3	93.7	92.9	93.7	95.4	94.7	95.6	95.0
2008/2009	4	31	105	476	748	1056	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	4	35	140	616	1364	2420	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	36.4	94.6	73.7	93.8	98.6	98.3	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
REGION :	2 MIDDLE ATLANTIC											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	8	5	48	186	699	987	1028	949	838	388	276	10
2007/2008	8	13	61	247	946	1933	2961	3910	4748	5136	5412	5422
2007/2008	133.3	59.1	48.0	47.0	79.3	88.2	88.4	90.3	92.0	90.8	92.2	91.7
2008/2009	3	17	58	417	692	967	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	3	20	78	495	1187	2154	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	50.0	90.9	61.4	94.1	99.5	98.3	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
REGION :	3 E. N. CENTRAL											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	11	8	58	233	761	1133	1232	1168	966	444	305	28
2007/2008	11	19	77	310	1071	2204	3436	4604	5570	6014	6319	6347
2007/2008	122.2	54.3	49.4	53.4	80.1	89.2	91.0	95.2	97.7	96.9	98.0	97.7
2008/2009	6	23	73	435	783	1233	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	6	29	102	537	1320	2553	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	66.7	82.9	65.4	92.6	98.7	103.3	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
REGION :	4 W. N. CENTRAL											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	6	14	86	303	779	1297	1377	1225	938	555	251	46
2007/2008	6	20	106	409	1188	2485	3862	5087	6025	6580	6831	6877
2007/2008	40.0	45.5	57.9	67.4	82.1	92.2	94.5	98.5	100.1	101.3	101.9	101.9
2008/2009	10	22	114	416	791	1367	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	10	32	146	562	1353	2720	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	66.7	72.7	79.8	92.6	93.5	100.9	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
REGION :	5 SOUTH ATLANTIC											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	6	70	355	461	625	456	371	160	73	1
2007/2008	0	0	6	76	431	892	1517	1973	2344	2504	2577	2578
2007/2008	.0	.0	24.0	40.2	81.6	82.4	87.9	88.4	89.9	89.9	90.5	90.4
2008/2009	0	1	12	176	412	495	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	1	13	189	601	1096	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	100.0	52.0	100.0	113.8	101.2	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9

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

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

2008--BASE TEMP = 65 DEG F

REGION :	6 E. S. CENTRAL											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	6	108	447	584	842	606	466	203	80	0
2007/2008	0	0	6	114	561	1145	1987	2593	3059	3262	3342	3342
2007/2008	.0	.0	18.2	46.3	80.7	81.2	89.1	90.9	92.6	92.6	92.9	92.7
2008/2009	0	0	11	206	533	694	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	0	11	217	750	1444	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	.0	33.3	88.2	107.9	102.4	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
REGION :	7 W. S. CENTRAL											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	0	0	2	44	231	461	588	370	255	93	8	0
2007/2008	0	0	2	46	277	738	1326	1696	1951	2044	2052	2052
2007/2008	.0	.0	22.2	50.0	71.9	81.5	88.5	88.7	89.7	90.1	89.8	89.7
2008/2009	0	0	9	82	262	511	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	0	0	9	91	353	864	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	.0	.0	100.0	98.9	91.7	95.5	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
REGION :	8 MOUNTAIN											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	2	11	99	316	542	978	1017	755	637	450	238	77
2007/2008	2	13	112	428	970	1948	2965	3720	4357	4807	5045	5122
2007/2008	10.5	26.5	61.2	78.8	79.6	90.7	95.7	97.0	97.5	98.2	98.4	98.3
2008/2009	8	19	123	325	531	934	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	8	27	150	475	1006	1940	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	42.1	55.1	82.0	87.5	82.5	90.4	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9
REGION :	9 PACIFIC											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	9	17	65	201	339	610	628	458	409	306	171	67
2007/2008	9	26	91	292	631	1241	1869	2327	2736	3042	3213	3280
2007/2008	37.5	56.5	84.3	99.3	91.4	99.0	102.9	103.1	102.4	102.4	101.9	101.6
2008/2009	17	14	47	157	288	624	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	17	31	78	235	523	1147	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	70.8	67.4	72.2	79.9	75.8	91.5	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9

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

3. NATIONAL POPULATION-WEIGHTED HEATING DEGREE DAYS

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

3.2 REGIONAL POPULATION WEIGHTS OF THE CONTERMINOUS UNITED STATES

01 NEW ENGLAND	.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 HEATING DEGREE DAYS (REGIONS WEIGHTED BY 2000 POPULATION), THRU DEC

2008--BASE TEMP = 65 DEG F

REGION :	11 NATIONAL											
SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007/2008	5	7	44	175	521	800	892	741	617	319	183	26
2007/2008	5	12	56	231	752	1552	2444	3185	3802	4121	4304	4330
2007/2008	55.6	50.0	55.4	60.3	81.6	89.2	92.0	94.0	95.5	95.3	96.0	95.7
2008/2009	5	13	52	281	534	831	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	5	18	70	351	885	1716	-9999	-9999	-9999	-9999	-9999	-9999
2008/2009	55.6	75.0	69.3	91.6	96.0	98.7	-999.9	-999.9	-999.9	-999.9	-999.9	-999.9

LINE 1 = HEATING DEGREE DAYS (REGIONS WEIGHTED BY 2000 POPULATION)

LINE 2 = ACCUMULATED HEATING DEGREE DAYS (REGIONS WEIGHTED BY 2000 POPULATION)

LINE 3 = [ACCUMULATED HEATING 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) -- 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.