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 AERIALLY WEIGHTED TEMPERATURE AND PRECIPITATION)

PERIOD: **JULY 2001 THROUGH DECEMBER 2002**

DATE PUBLISHED: **July 2003**

NATIONAL CLIMATIC DATA CENTER
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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 5-1 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 HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION), THRU DEC 2002--BASE TEMP = 65 DEG F

STATE : 1 ALABAMA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	0	12	182	224	475	591	552	353	66	30	0
2001/2002	0	0	12	194	418	893	1484	2036	2389	2455	2485	2485
2001/2002	.0	.0	80.0	115.5	79.5	79.9	82.6	88.5	90.3	87.8	87.6	87.5
2002/2003	0	0	0	66	429	634	0	0	0	0	0	0
2002/2003	0	0	0	66	495	1129	0	0	0	0	0	0
2002/2003	.0	.0	.0	39.3	94.1	101.1	.0	.0	.0	.0	.0	.0

STATE : 2 ARIZONA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	0	1	28	175	544	479	319	261	56	19	1
2001/2002	0	0	1	29	204	748	1227	1546	1807	1863	1882	1883
2001/2002	.0	.0	14.3	34.9	54.7	86.7	90.6	90.7	91.3	88.0	87.3	87.2
2002/2003	0	0	4	66	208	510	0	0	0	0	0	0
2002/2003	0	0	4	70	278	788	0	0	0	0	0	0
2002/2003	.0	.0	57.1	84.3	74.5	91.3	.0	.0	.0	.0	.0	.0

STATE : 3 ARKANSAS

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	0	23	198	318	632	720	656	551	109	54	1
2001/2002	0	0	23	221	539	1171	1891	2547	3098	3207	3261	3262
2001/2002	.0	.0	82.1	110.0	82.2	83.9	84.8	89.7	94.7	92.9	93.1	93.0
2002/2003	0	0	5	184	512	710	0	0	0	0	0	0
2002/2003	0	0	5	189	701	1411	0	0	0	0	0	0
2002/2003	.0	.0	17.9	94.0	106.9	101.1	.0	.0	.0	.0	.0	.0

STATE : 4 CALIFORNIA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	11	5	23	74	274	502	515	337	377	238	155	39
2001/2002	11	16	39	113	387	889	1404	1741	2118	2356	2511	2550
2001/2002	110.0	84.2	78.0	66.9	79.0	91.4	96.4	95.1	96.8	96.7	97.2	96.8
2002/2003	4	6	16	150	238	475	0	0	0	0	0	0
2002/2003	4	10	26	176	414	889	0	0	0	0	0	0
2002/2003	40.0	52.6	52.0	104.1	84.5	91.4	.0	.0	.0	.0	.0	.0

STATE : 5 COLORADO

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	6	26	155	518	786	1144	1188	1037	1038	520	375	61
2001/2002	6	32	187	705	1491	2635	3823	4860	5898	6418	6793	6854
2001/2002	18.2	34.8	55.8	77.6	80.8	86.5	89.2	91.9	95.1	93.5	93.5	92.5
2002/2003	4	36	193	689	932	1111	0	0	0	0	0	0
2002/2003	4	40	233	922	1854	2965	0	0	0	0	0	0
2002/2003	12.1	43.5	69.6	101.5	100.5	97.4	.0	.0	.0	.0	.0	.0

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

STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION), THRU DEC 2002--BASE TEMP = 65 DEG F

STATE : 6 CONNECTICUT

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	8	0	80	347	552	813	948	833	782	403	272	32
2001/2002	8	8	88	435	987	1800	2748	3581	4363	4766	5038	5070
2001/2002	200.0	44.4	66.2	78.5	79.9	79.9	80.1	80.9	82.7	82.2	83.6	83.5
2002/2003	0	0	42	433	709	1050	0	0	0	0	0	0
2002/2003	0	0	42	475	1184	2234	0	0	0	0	0	0
2002/2003	.0	.0	31.6	85.7	95.9	99.2	.0	.0	.0	.0	.0	.0

STATE : 7 DELAWARE

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	0	39	246	395	668	795	677	597	245	120	0
2001/2002	0	0	39	285	680	1348	2143	2820	3417	3662	3782	3782
2001/2002	.0	.0	90.7	86.9	77.3	77.9	78.6	79.2	80.7	79.6	80.0	79.8
2002/2003	0	0	11	256	588	920	0	0	0	0	0	0
2002/2003	0	0	11	267	855	1775	0	0	0	0	0	0
2002/2003	.0	.0	25.6	81.4	97.2	102.6	.0	.0	.0	.0	.0	.0

STATE : 8 FLORIDA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	0	0	9	34	88	182	147	51	1	0	0
2001/2002	0	0	0	9	43	131	313	460	511	512	512	512
2001/2002	.0	.0	.0	90.0	61.4	57.0	70.7	77.1	75.7	73.9	73.8	73.8
2002/2003	0	0	0	1	83	195	0	0	0	0	0	0
2002/2003	0	0	0	1	84	279	0	0	0	0	0	0
2002/2003	.0	.0	.0	10.0	120.0	121.3	.0	.0	.0	.0	.0	.0

STATE : 9 GEORGIA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	0	18	196	234	467	624	543	365	76	55	0
2001/2002	0	0	18	214	448	915	1539	2082	2447	2523	2578	2578
2001/2002	.0	.0	120.0	126.6	85.0	81.3	85.3	89.9	91.5	89.1	89.5	89.4
2002/2003	0	0	0	78	452	669	0	0	0	0	0	0
2002/2003	0	0	0	78	530	1199	0	0	0	0	0	0
2002/2003	.0	.0	.0	46.2	100.6	106.6	.0	.0	.0	.0	.0	.0

STATE : 10 IDAHO

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	21	14	117	500	739	1212	1171	1058	924	527	325	97
2001/2002	21	35	152	652	1391	2603	3774	4832	5756	6283	6608	6705
2001/2002	53.8	39.3	48.7	77.3	80.2	89.1	91.3	95.2	98.0	97.7	97.7	97.1
2002/2003	8	57	173	611	871	991	0	0	0	0	0	0
2002/2003	8	65	238	849	1720	2711	0	0	0	0	0	0
2002/2003	20.5	73.0	76.3	100.6	99.1	92.7	.0	.0	.0	.0	.0	.0

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PERCENTAGE OF 9999.9 => 10000

STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION), THRU DEC 2002--BASE TEMP = 65 DEG F

STATE : 11 ILLINOIS

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	8	113	390	481	953	1036	917	944	424	290	13
2001/2002	0	8	121	511	992	1945	2981	3898	4842	5266	5556	5569
2001/2002	.0	30.8	96.8	98.3	77.9	80.1	79.5	81.3	86.0	86.3	88.0	87.6
2002/2003	0	8	37	442	816	1091	0	0	0	0	0	0
2002/2003	0	8	45	487	1303	2394	0	0	0	0	0	0
2002/2003	.0	30.8	36.0	93.7	102.4	98.6	.0	.0	.0	.0	.0	.0

STATE : 12 INDIANA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	3	4	105	361	480	878	968	846	854	362	245	9
2001/2002	3	7	112	473	953	1831	2799	3645	4499	4861	5106	5115
2001/2002	60.0	30.4	94.1	95.6	80.3	81.3	80.4	81.7	86.0	85.8	87.1	86.8
2002/2003	0	3	31	402	762	1049	0	0	0	0	0	0
2002/2003	0	3	34	436	1198	2247	0	0	0	0	0	0
2002/2003	.0	13.0	28.6	88.1	100.9	99.7	.0	.0	.0	.0	.0	.0

STATE : 13 IOWA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	2	13	148	461	510	1057	1122	1010	1066	486	273	15
2001/2002	2	15	163	624	1134	2191	3313	4323	5389	5875	6148	6163
2001/2002	18.2	37.5	95.3	101.3	76.0	78.2	77.8	80.0	85.5	86.4	87.6	87.3
2002/2003	0	21	73	566	912	1124	0	0	0	0	0	0
2002/2003	0	21	94	660	1572	2696	0	0	0	0	0	0
2002/2003	.0	52.5	55.0	107.1	105.4	96.3	.0	.0	.0	.0	.0	.0

STATE : 14 KANSAS

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	0	60	264	434	834	956	808	776	259	141	0
2001/2002	0	0	60	324	758	1592	2548	3356	4132	4391	4532	4532
2001/2002	.0	.0	78.9	92.0	74.5	78.4	80.7	83.8	88.9	88.2	88.8	88.5
2002/2003	0	0	24	423	671	911	0	0	0	0	0	0
2002/2003	0	0	24	447	1118	2029	0	0	0	0	0	0
2002/2003	.0	.0	31.6	127.0	109.9	99.9	.0	.0	.0	.0	.0	.0

STATE : 15 KENTUCKY

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	0	60	280	404	707	829	733	612	204	139	0
2001/2002	0	0	60	340	744	1451	2280	3013	3625	3829	3968	3968
2001/2002	.0	.0	98.4	97.7	81.7	81.5	81.9	84.5	87.1	85.6	86.2	86.0
2002/2003	0	0	12	245	632	877	0	0	0	0	0	0
2002/2003	0	0	12	257	889	1766	0	0	0	0	0	0
2002/2003	.0	.0	19.7	73.9	97.6	99.2	.0	.0	.0	.0	.0	.0

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STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION), THRU DEC 2002--BASE TEMP = 65 DEG F

STATE : 16 LOUISIANA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	0	0	79	130	318	419	418	215	15	0	0
2001/2002	0	0	0	79	209	527	946	1364	1579	1594	1594	1594
2001/2002	.0	.0	.0	121.5	73.9	76.2	80.1	89.9	91.8	89.6	89.3	89.3
2002/2003	0	0	0	24	256	419	0	0	0	0	0	0
2002/2003	0	0	0	24	280	699	0	0	0	0	0	0
2002/2003	.0	.0	.0	36.9	98.9	101.0	.0	.0	.0	.0	.0	.0

STATE : 17 MAINE

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	53	20	168	495	754	1043	1246	1152	1070	677	433	155
2001/2002	53	73	241	736	1490	2533	3779	4931	6001	6678	7111	7266
2001/2002	151.4	78.5	71.9	80.5	84.0	83.5	84.2	86.1	88.3	89.0	90.2	90.7
2002/2003	31	20	131	636	937	1272	0	0	0	0	0	0
2002/2003	31	51	182	818	1755	3027	0	0	0	0	0	0
2002/2003	88.6	54.8	54.3	89.5	98.9	99.8	.0	.0	.0	.0	.0	.0

STATE : 18 MARYLAND & D.C.

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	1	0	51	264	412	701	802	697	609	247	124	0
2001/2002	1	1	52	316	728	1429	2231	2928	3537	3784	3908	3908
2001/2002	100.0	33.3	98.1	88.8	77.9	78.8	78.8	79.7	81.5	80.4	80.8	80.6
2002/2003	0	0	16	290	614	962	0	0	0	0	0	0
2002/2003	0	0	16	306	920	1882	0	0	0	0	0	0
2002/2003	.0	.0	30.2	86.0	98.4	103.7	.0	.0	.0	.0	.0	.0

STATE : 19 MASSACHUSETTS

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	15	0	81	353	580	849	969	886	831	468	296	65
2001/2002	15	15	96	449	1029	1878	2847	3733	4564	5032	5328	5393
2001/2002	214.3	57.7	57.5	72.8	78.0	79.4	79.7	81.1	83.0	82.9	84.0	84.2
2002/2003	0	1	54	473	749	1085	0	0	0	0	0	0
2002/2003	0	1	55	528	1277	2362	0	0	0	0	0	0
2002/2003	.0	3.8	32.9	85.6	96.7	99.9	.0	.0	.0	.0	.0	.0

STATE : 20 MICHIGAN

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	8	12	166	447	557	938	1060	966	1025	529	394	34
2001/2002	8	20	186	633	1190	2128	3188	4154	5179	5708	6102	6136
2001/2002	57.1	40.0	93.9	94.8	81.4	81.2	80.8	81.9	86.0	86.4	88.7	88.3
2002/2003	1	18	56	525	841	1167	0	0	0	0	0	0
2002/2003	1	19	75	600	1441	2608	0	0	0	0	0	0
2002/2003	7.1	38.0	37.9	89.8	98.6	99.5	.0	.0	.0	.0	.0	.0

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STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION), THRU DEC 2002--BASE TEMP = 65 DEG F

STATE : 21 MINNESOTA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	14	18	210	582	651	1240	1359	1130	1367	677	422	47
2001/2002	14	32	242	824	1475	2715	4074	5204	6571	7248	7670	7717
2001/2002	43.8	35.6	74.5	90.4	74.7	77.2	77.8	79.0	85.2	86.7	88.5	88.1
2002/2003	6	42	131	780	1054	1291	0	0	0	0	0	0
2002/2003	6	48	179	959	2013	3304	0	0	0	0	0	0
2002/2003	18.8	53.3	55.1	105.2	102.0	93.9	.0	.0	.0	.0	.0	.0

STATE : 22 MISSISSIPPI

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	0	7	161	215	446	558	535	336	55	16	0
2001/2002	0	0	7	168	383	829	1387	1922	2258	2313	2329	2329
2001/2002	.0	.0	77.8	124.4	83.6	81.8	83.9	90.9	93.3	91.1	90.9	90.9
2002/2003	0	0	0	63	387	570	0	0	0	0	0	0
2002/2003	0	0	0	63	450	1020	0	0	0	0	0	0
2002/2003	.0	.0	.0	46.7	98.3	100.7	.0	.0	.0	.0	.0	.0

STATE : 23 MISSOURI

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	1	77	307	425	836	949	806	794	270	167	5
2001/2002	0	1	78	385	810	1646	2595	3401	4195	4465	4632	4637
2001/2002	.0	8.3	91.8	99.5	78.3	80.4	81.2	83.5	88.7	88.2	89.1	88.9
2002/2003	0	1	27	383	707	925	0	0	0	0	0	0
2002/2003	0	1	28	411	1118	2043	0	0	0	0	0	0
2002/2003	.0	8.3	32.9	106.2	108.1	99.8	.0	.0	.0	.0	.0	.0

STATE : 24 MONTANA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	54	35	193	635	823	1263	1236	1051	1284	751	495	182
2001/2002	54	89	282	917	1740	3003	4239	5290	6574	7325	7820	8002
2001/2002	60.7	46.8	53.9	78.0	78.5	84.8	86.1	87.9	94.0	95.5	96.5	96.3
2002/2003	29	137	266	819	921	1134	0	0	0	0	0	0
2002/2003	29	166	432	1251	2172	3306	0	0	0	0	0	0
2002/2003	32.6	87.4	82.6	106.4	98.0	93.4	.0	.0	.0	.0	.0	.0

STATE : 25 NEBRASKA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	1	9	109	398	540	1041	1094	981	1062	405	244	8
2001/2002	1	10	119	517	1057	2098	3192	4173	5235	5640	5884	5892
2001/2002	9.1	31.2	77.3	91.3	74.6	79.6	80.6	83.6	89.9	89.8	90.7	90.3
2002/2003	0	11	81	586	840	1035	0	0	0	0	0	0
2002/2003	0	11	92	678	1518	2553	0	0	0	0	0	0
2002/2003	.0	34.4	59.7	119.8	107.1	96.8	.0	.0	.0	.0	.0	.0

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 2002--BASE TEMP = 65 DEG F

STATE : 26 NEVADA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	3	1	26	128	402	766	752	533	492	196	108	19
2001/2002	3	4	30	158	560	1326	2078	2611	3103	3299	3407	3426
2001/2002	60.0	28.6	44.1	54.7	69.4	84.6	89.1	90.5	92.8	90.8	90.5	90.1
2002/2003	0	8	36	219	448	712	0	0	0	0	0	0
2002/2003	0	8	44	263	711	1423	0	0	0	0	0	0
2002/2003	.0	57.1	64.7	91.0	88.1	90.8	.0	.0	.0	.0	.0	.0

STATE : 27 NEW HAMPSHIRE

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	38	11	151	474	741	1008	1132	1069	993	557	373	87
2001/2002	38	49	200	674	1415	2423	3555	4624	5617	6174	6547	6634
2001/2002	211.1	73.1	69.4	79.0	83.5	83.0	82.2	83.9	86.0	86.0	87.3	87.4
2002/2003	3	10	85	587	889	1234	0	0	0	0	0	0
2002/2003	3	13	98	685	1574	2808	0	0	0	0	0	0
2002/2003	16.7	19.4	34.0	80.3	92.9	96.1	.0	.0	.0	.0	.0	.0

STATE : 28 NEW JERSEY

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	3	0	62	307	492	742	880	755	692	328	197	6
2001/2002	3	3	65	372	864	1606	2486	3241	3933	4261	4458	4464
2001/2002	300.0	50.0	78.3	82.9	80.7	79.8	80.1	80.5	82.2	81.4	82.3	82.0
2002/2003	0	0	28	366	672	997	0	0	0	0	0	0
2002/2003	0	0	28	394	1066	2063	0	0	0	0	0	0
2002/2003	.0	.0	33.7	87.8	99.5	102.5	.0	.0	.0	.0	.0	.0

STATE : 29 NEW MEXICO

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	7	37	234	561	936	890	767	628	216	109	6
2001/2002	0	7	44	278	839	1775	2665	3432	4060	4276	4385	4391
2001/2002	.0	43.8	47.3	66.8	77.5	88.4	90.4	93.8	95.3	92.2	91.3	90.8
2002/2003	1	2	55	341	669	945	0	0	0	0	0	0
2002/2003	1	3	58	399	1068	2013	0	0	0	0	0	0
2002/2003	20.0	18.8	62.4	95.9	98.7	100.3	.0	.0	.0	.0	.0	.0

STATE : 30 NEW YORK

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	13	3	85	328	513	799	932	836	797	420	286	25
2001/2002	13	16	101	429	942	1741	2673	3509	4306	4726	5012	5037
2001/2002	162.5	61.5	72.7	78.9	77.1	77.8	78.0	79.0	81.1	81.0	82.6	82.4
2002/2003	1	4	43	415	699	1052	0	0	0	0	0	0
2002/2003	1	5	48	463	1162	2214	0	0	0	0	0	0
2002/2003	12.5	19.2	34.5	85.1	95.1	98.9	.0	.0	.0	.0	.0	.0

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

STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION), THRU DEC 2002--BASE TEMP = 65 DEG F

STATE : 31 NORTH CAROLINA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	0	32	234	304	526	697	574	443	101	65	1
2001/2002	0	0	32	266	570	1096	1793	2367	2810	2911	2976	2977
2001/2002	.0	.0	114.3	109.5	84.3	80.1	83.2	85.4	86.9	84.5	84.6	84.5
2002/2003	0	0	6	140	497	761	0	0	0	0	0	0
2002/2003	0	0	6	146	643	1404	0	0	0	0	0	0
2002/2003	.0	.0	21.4	60.1	95.1	102.6	.0	.0	.0	.0	.0	.0

STATE : 32 NORTH DAKOTA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	28	27	222	705	827	1463	1516	1168	1511	804	498	82
2001/2002	28	55	277	982	1809	3272	4788	5956	7467	8271	8769	8851
2001/2002	56.0	45.1	67.4	91.4	80.4	84.4	84.4	84.1	90.2	92.1	94.1	93.7
2002/2003	16	69	192	925	1084	1384	0	0	0	0	0	0
2002/2003	16	85	277	1202	2286	3670	0	0	0	0	0	0
2002/2003	32.0	69.7	67.4	111.9	101.6	94.6	.0	.0	.0	.0	.0	.0

STATE : 33 OHIO

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	4	3	123	352	501	849	965	854	817	383	276	11
2001/2002	4	7	130	482	983	1832	2797	3651	4468	4851	5127	5138
2001/2002	66.7	29.2	100.0	91.6	80.6	81.2	81.0	82.2	85.2	84.9	86.4	86.0
2002/2003	0	2	34	409	741	1067	0	0	0	0	0	0
2002/2003	0	2	36	445	1186	2253	0	0	0	0	0	0
2002/2003	.0	8.3	27.7	84.6	97.3	99.9	.0	.0	.0	.0	.0	.0

STATE : 34 OKLAHOMA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	0	26	170	320	682	773	669	578	146	58	0
2001/2002	0	0	26	196	516	1198	1971	2640	3218	3364	3422	3422
2001/2002	.0	.0	83.9	100.0	75.1	80.6	82.7	87.0	92.0	91.0	91.3	91.3
2002/2003	0	0	10	251	525	743	0	0	0	0	0	0
2002/2003	0	0	10	261	786	1529	0	0	0	0	0	0
2002/2003	.0	.0	32.3	133.2	114.4	102.9	.0	.0	.0	.0	.0	.0

STATE : 35 OREGON

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	69	42	115	397	562	782	791	633	688	448	354	119
2001/2002	69	111	226	623	1185	1967	2758	3391	4079	4527	4881	5000
2001/2002	109.5	89.5	81.0	92.4	90.4	92.3	93.6	94.4	97.2	97.0	97.9	97.1
2002/2003	29	55	125	420	583	719	0	0	0	0	0	0
2002/2003	29	84	209	629	1212	1931	0	0	0	0	0	0
2002/2003	46.0	67.7	74.9	93.3	92.4	90.7	.0	.0	.0	.0	.0	.0

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PERCENTAGE OF 9999.9 => 10000

STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION), THRU DEC 2002--BASE TEMP = 65 DEG F

STATE : 36 PENNSYLVANIA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	15	4	113	365	535	820	946	824	765	386	249	15
2001/2002	15	19	132	497	1032	1852	2798	3622	4387	4773	5022	5037
2001/2002	187.5	73.1	97.1	90.9	84.0	82.9	82.5	82.9	84.8	84.4	85.6	85.2
2002/2003	1	3	46	414	720	1095	0	0	0	0	0	0
2002/2003	1	4	50	464	1184	2279	0	0	0	0	0	0
2002/2003	12.5	15.4	36.8	84.8	96.4	102.0	.0	.0	.0	.0	.0	.0

STATE : 37 RHODE ISLAND

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	10	0	54	319	507	787	908	817	768	422	276	49
2001/2002	10	10	64	383	890	1677	2585	3402	4170	4592	4868	4917
2001/2002	200.0	55.6	52.0	75.0	77.7	79.8	80.4	81.5	83.2	82.6	83.5	83.5
2002/2003	0	0	35	390	668	992	0	0	0	0	0	0
2002/2003	0	0	35	425	1093	2085	0	0	0	0	0	0
2002/2003	.0	.0	28.5	83.2	95.4	99.2	.0	.0	.0	.0	.0	.0

STATE : 38 SOUTH CAROLINA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	0	9	174	220	427	595	498	323	44	37	0
2001/2002	0	0	9	183	403	830	1425	1923	2246	2290	2327	2327
2001/2002	.0	.0	90.0	115.8	80.0	75.9	81.0	84.9	85.7	83.0	83.3	83.3
2002/2003	0	0	0	78	410	656	0	0	0	0	0	0
2002/2003	0	0	0	78	488	1144	0	0	0	0	0	0
2002/2003	.0	.0	.0	49.4	96.8	104.6	.0	.0	.0	.0	.0	.0

STATE : 39 SOUTH DAKOTA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	16	15	148	512	679	1224	1249	986	1304	576	377	42
2001/2002	16	31	179	691	1370	2594	3843	4829	6133	6709	7086	7128
2001/2002	44.4	40.3	65.3	85.6	75.8	81.2	81.8	82.2	89.3	89.9	91.4	90.8
2002/2003	8	30	131	749	915	1154	0	0	0	0	0	0
2002/2003	8	38	169	918	1833	2987	0	0	0	0	0	0
2002/2003	22.2	49.4	61.7	113.8	101.4	93.5	.0	.0	.0	.0	.0	.0

STATE : 40 TENNESSEE

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	0	43	277	363	637	770	693	531	151	100	0
2001/2002	0	0	43	320	683	1320	2090	2783	3314	3465	3565	3565
2001/2002	.0	.0	104.9	110.0	86.1	83.8	84.8	88.4	90.7	88.8	89.3	89.1
2002/2003	0	0	8	170	589	791	0	0	0	0	0	0
2002/2003	0	0	8	178	767	1558	0	0	0	0	0	0
2002/2003	.0	.0	19.5	61.2	96.7	98.9	.0	.0	.0	.0	.0	.0

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PERCENTAGE OF 9999.9 => 10000

STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION), THRU DEC 2002--BASE TEMP = 65 DEG F

STATE : 41 TEXAS

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	0	3	67	169	401	450	451	276	25	4	0
2001/2002	0	0	3	70	239	640	1090	1541	1817	1842	1846	1846
2001/2002	.0	.0	60.0	104.5	74.2	80.8	82.2	91.0	94.9	92.7	92.4	92.4
2002/2003	0	0	1	65	302	454	0	0	0	0	0	0
2002/2003	0	0	1	66	368	822	0	0	0	0	0	0
2002/2003	.0	.0	20.0	98.5	114.3	103.8	.0	.0	.0	.0	.0	.0

STATE : 42 UTAH

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	3	4	66	375	707	1247	1209	1071	902	450	260	50
2001/2002	3	7	73	448	1155	2402	3611	4682	5584	6034	6294	6344
2001/2002	23.1	20.0	36.7	66.2	75.5	89.2	92.6	96.5	98.9	97.4	96.7	95.9
2002/2003	0	9	127	534	863	1029	0	0	0	0	0	0
2002/2003	0	9	136	670	1533	2562	0	0	0	0	0	0
2002/2003	.0	25.7	68.3	99.0	100.2	95.2	.0	.0	.0	.0	.0	.0

STATE : 43 VERMONT

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	64	22	201	508	772	1057	1213	1139	1066	607	446	108
2001/2002	64	86	287	795	1567	2624	3837	4976	6042	6649	7095	7203
2001/2002	206.5	86.9	82.2	84.1	85.6	84.0	83.3	84.5	86.5	86.6	88.5	88.8
2002/2003	26	30	133	654	958	1327	0	0	0	0	0	0
2002/2003	26	56	189	843	1801	3128	0	0	0	0	0	0
2002/2003	83.9	56.6	54.2	89.2	98.4	100.2	.0	.0	.0	.0	.0	.0

STATE : 44 VIRGINIA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	1	0	63	287	400	662	782	688	589	215	124	2
2001/2002	1	1	64	351	751	1413	2195	2883	3472	3687	3811	3813
2001/2002	100.0	33.3	118.5	101.7	85.1	82.8	82.9	84.4	86.3	84.9	85.4	85.1
2002/2003	0	0	18	245	592	903	0	0	0	0	0	0
2002/2003	0	0	18	263	855	1758	0	0	0	0	0	0
2002/2003	.0	.0	33.3	76.2	96.8	103.0	.0	.0	.0	.0	.0	.0

STATE : 45 WASHINGTON

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	90	61	164	469	597	827	813	701	762	495	359	121
2001/2002	90	151	315	784	1381	2208	3021	3722	4484	4979	5338	5459
2001/2002	116.9	100.7	93.5	99.6	93.7	94.1	93.7	94.9	98.3	98.9	99.8	99.0
2002/2003	56	67	175	483	614	758	0	0	0	0	0	0
2002/2003	56	123	298	781	1395	2153	0	0	0	0	0	0
2002/2003	72.7	82.0	88.4	99.2	94.6	91.7	.0	.0	.0	.0	.0	.0

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PERCENTAGE OF 9999.9 => 10000

STATE HEATING DEGREE DAYS (DIVISIONS WEIGHTED BY 2000 POPULATION), THRU DEC 2002--BASE TEMP = 65 DEG F

STATE : 46 WEST VIRGINIA

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	9	2	106	377	503	765	922	793	692	309	217	11
2001/2002	9	11	117	494	997	1762	2684	3477	4169	4478	4695	4706
2001/2002	180.0	64.7	109.3	103.6	89.7	86.2	86.5	87.5	89.3	88.3	89.3	88.9
2002/2003	1	2	31	319	699	991	0	0	0	0	0	0
2002/2003	1	3	34	353	1052	2043	0	0	0	0	0	0
2002/2003	20.0	17.6	31.8	74.0	94.6	100.0	.0	.0	.0	.0	.0	.0

STATE : 47 WISCONSIN

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	9	16	192	516	598	1084	1196	1032	1159	599	407	53
2001/2002	9	25	217	733	1331	2415	3611	4643	5802	6401	6808	6861
2001/2002	39.1	34.7	84.8	94.5	79.1	80.0	79.7	80.8	85.7	86.6	88.4	88.1
2002/2003	2	29	95	620	934	1195	0	0	0	0	0	0
2002/2003	2	31	126	746	1680	2875	0	0	0	0	0	0
2002/2003	8.7	43.1	49.2	96.1	99.8	95.3	.0	.0	.0	.0	.0	.0

STATE : 48 WYOMING

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	25	30	199	629	878	1311	1336	1140	1213	675	471	125
2001/2002	25	55	254	883	1761	3072	4408	5548	6761	7436	7907	8032
2001/2002	42.4	40.1	57.6	81.4	82.8	88.8	91.2	93.2	97.3	97.0	97.4	96.7
2002/2003	16	81	250	815	1016	1197	0	0	0	0	0	0
2002/2003	16	97	347	1162	2178	3375	0	0	0	0	0	0
2002/2003	27.1	70.8	78.7	107.1	102.3	97.6	.0	.0	.0	.0	.0	.0

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

REGIONAL HEATING DEGREE DAYS (STATES WEIGHTED BY 2000 POPULATION), THRU DEC 2002--BASE TEMP = 65 DEG F

REGION : 1 NEW ENGLAND

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	21	4	98	379	606	877	1010	920	861	482	315	68
2001/2002	21	25	123	502	1108	1985	2995	3915	4776	5258	5573	5641
2001/2002	190.9	67.6	64.7	76.4	80.1	80.6	80.8	82.1	84.1	83.9	85.1	85.3
2002/2003	4	4	63	490	772	1110	0	0	0	0	0	0
2002/2003	4	8	71	561	1333	2443	0	0	0	0	0	0
2002/2003	36.4	21.6	37.4	85.4	96.3	99.2	.0	.0	.0	.0	.0	.0

REGION : 2 MIDDLE ATLANTIC

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	11	3	89	335	515	793	925	815	765	390	256	18
2001/2002	11	14	103	438	953	1746	2671	3486	4251	4641	4897	4915
2001/2002	183.3	63.6	81.1	83.3	79.9	79.7	79.8	80.5	82.4	82.1	83.4	83.2
2002/2003	1	3	41	404	700	1054	0	0	0	0	0	0
2002/2003	1	4	45	449	1149	2203	0	0	0	0	0	0
2002/2003	16.7	18.2	35.4	85.4	96.3	100.5	.0	.0	.0	.0	.0	.0

REGION : 3 E. N. CENTRAL

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	4	8	135	404	517	929	1033	916	943	449	317	21
2001/2002	4	12	147	551	1068	1997	3030	3946	4889	5338	5655	5676
2001/2002	44.4	34.3	94.2	95.0	79.9	80.8	80.3	81.6	85.8	86.0	87.7	87.4
2002/2003	0	11	47	468	809	1108	0	0	0	0	0	0
2002/2003	0	11	58	526	1335	2443	0	0	0	0	0	0
2002/2003	.0	31.4	37.2	90.7	99.9	98.8	.0	.0	.0	.0	.0	.0

REGION : 4 W. N. CENTRAL

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	7	10	136	441	547	1050	1148	965	1072	469	285	25
2001/2002	7	17	153	594	1141	2191	3339	4304	5376	5845	6130	6155
2001/2002	46.7	38.6	83.6	97.9	78.9	81.3	81.7	83.4	89.3	90.0	91.5	91.2
2002/2003	3	22	81	587	868	1100	0	0	0	0	0	0
2002/2003	3	25	106	693	1561	2661	0	0	0	0	0	0
2002/2003	20.0	56.8	57.9	114.2	107.9	98.7	.0	.0	.0	.0	.0	.0

REGION : 5 SOUTH ATLANTIC

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	1	0	27	170	237	423	551	470	350	103	62	1
2001/2002	1	1	28	198	435	858	1409	1879	2229	2332	2394	2395
2001/2002	9999.9	100.0	112.0	104.8	82.4	79.2	81.6	84.1	85.5	83.7	84.1	83.9
2002/2003	0	0	6	122	390	616	0	0	0	0	0	0
2002/2003	0	0	6	128	518	1134	0	0	0	0	0	0
2002/2003	.0	.0	24.0	67.7	98.1	104.7	.0	.0	.0	.0	.0	.0

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 2002--BASE TEMP = 65 DEG F

REGION : 6 E. S. CENTRAL

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	0	33	234	312	579	702	639	471	125	77	0
2001/2002	0	0	33	267	579	1158	1860	2499	2970	3095	3172	3172
2001/2002	.0	.0	100.0	108.5	83.3	82.1	83.4	87.6	89.9	87.9	88.2	88.0
2002/2003	0	0	6	143	524	733	0	0	0	0	0	0
2002/2003	0	0	6	149	673	1406	0	0	0	0	0	0
2002/2003	.0	.0	18.2	60.6	96.8	99.7	.0	.0	.0	.0	.0	.0

REGION : 7 W. S. CENTRAL

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	0	0	7	91	193	440	504	488	324	44	14	0
2001/2002	0	0	7	98	291	731	1235	1723	2047	2091	2105	2105
2001/2002	.0	.0	77.8	106.5	75.6	80.8	82.4	90.1	94.1	92.2	92.1	92.0
2002/2003	0	0	2	90	338	503	0	0	0	0	0	0
2002/2003	0	0	2	92	430	933	0	0	0	0	0	0
2002/2003	.0	.0	22.2	100.0	111.7	103.1	.0	.0	.0	.0	.0	.0

REGION : 8 MOUNTAIN

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	7	11	75	299	542	942	919	763	711	331	209	43
2001/2002	7	18	93	392	934	1876	2795	3558	4269	4600	4809	4852
2001/2002	36.8	36.7	50.8	72.2	76.6	87.4	90.2	92.8	95.5	94.0	93.8	93.1
2002/2003	4	24	104	413	639	868	0	0	0	0	0	0
2002/2003	4	28	132	545	1184	2052	0	0	0	0	0	0
2002/2003	21.1	57.1	72.1	100.4	97.1	95.6	.0	.0	.0	.0	.0	.0

REGION : 9 PACIFIC

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	26	16	50	153	341	569	578	410	454	290	199	57
2001/2002	26	42	92	245	586	1155	1733	2143	2597	2887	3086	3143
2001/2002	108.3	91.3	85.2	83.3	84.9	92.2	95.4	95.0	97.2	97.2	97.9	97.4
2002/2003	13	18	46	217	317	533	0	0	0	0	0	0
2002/2003	13	31	77	294	611	1144	0	0	0	0	0	0
2002/2003	54.2	67.4	71.3	100.0	88.6	91.3	.0	.0	.0	.0	.0	.0

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 2002--BASE TEMP = 65 DEG F

REGION : 11 NATIONAL

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2001/2002	8	6	69	261	397	691	778	670	624	282	185	23
2001/2002	8	14	83	344	741	1432	2210	2880	3504	3786	3971	3994
2001/2002	88.9	58.3	82.2	89.8	80.4	82.3	83.2	85.0	88.0	87.5	88.5	88.3
2002/2003	3	8	38	299	561	813	0	0	0	0	0	0
2002/2003	3	11	49	348	909	1722	0	0	0	0	0	0
2002/2003	33.3	45.8	48.5	90.9	98.6	99.0	.0	.0	.0	.0	.0	.0

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) -- 2001

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ALABAMA	40.8	52.2	51.3	64.7	70.7	76.0	79.7	78.7	72.2	60.8	59.0	50.6
ARIZONA	41.3	44.9	52.6	58.5	71.8	78.2	80.6	80.0	76.3	65.6	53.8	41.2
ARKANSAS	36.8	45.3	47.9	65.4	70.2	75.8	82.3	81.3	71.2	59.8	54.9	45.1
CALIFORNIA	43.9	45.0	54.6	54.2	69.9	72.6	74.7	76.3	71.7	64.7	53.5	44.6
COLORADO	23.9	28.1	36.5	46.6	54.8	64.5	70.8	67.6	60.8	48.6	38.4	26.0
CONNECTICUT	25.7	29.3	34.0	48.2	59.7	68.7	69.0	73.2	63.0	53.0	45.6	37.6
DELAWARE	33.1	38.9	41.1	54.4	63.7	73.7	73.4	77.6	67.4	58.1	52.2	44.4
FLORIDA	53.0	65.0	64.1	70.0	74.8	80.2	81.3	81.4	77.8	71.8	68.1	64.4
GEORGIA	43.0	53.2	53.3	63.9	70.5	76.3	79.3	79.3	72.1	61.6	59.8	52.4
IDAHO	21.9	26.3	38.2	43.0	55.0	59.9	67.8	69.4	60.8	46.7	37.8	22.5
ILLINOIS	25.4	30.4	36.7	57.4	64.7	69.8	76.0	74.8	64.5	53.9	49.9	35.8
INDIANA	26.9	33.2	36.9	56.6	64.1	69.2	73.8	74.1	64.0	53.9	49.3	37.1
IOWA	20.6	17.7	29.8	52.4	61.0	68.5	75.3	72.9	61.4	50.2	47.9	30.7
KANSAS	30.6	29.9	40.5	58.0	65.1	72.9	83.0	79.1	67.9	56.1	49.1	36.9
KENTUCKY	32.0	41.6	41.5	60.1	66.6	71.5	76.2	76.8	66.7	56.4	51.6	42.4
LOUISIANA	45.3	56.3	55.3	70.0	74.5	78.5	82.7	81.7	75.7	64.7	61.8	54.2
MAINE	13.5	15.4	23.9	38.1	54.7	63.4	64.6	67.3	58.1	47.3	37.4	28.8
MARYLAND & D.C.	32.4	38.5	40.6	55.1	62.7	72.5	72.2	76.1	65.7	56.8	51.2	42.6
MASSACHUSETTS	25.3	28.3	32.9	46.1	58.1	68.0	67.8	72.2	62.8	52.7	44.7	36.4
MICHIGAN	23.9	22.3	29.5	46.2	57.3	64.4	68.4	69.9	58.3	48.2	44.1	32.4
MINNESOTA	16.2	6.8	24.1	43.6	57.1	65.3	70.9	69.9	57.9	44.9	41.3	22.8
MISSISSIPPI	40.3	52.0	51.3	66.5	71.6	76.5	81.0	79.8	73.1	61.1	58.4	50.6
MISSOURI	29.0	34.0	39.8	60.3	66.1	71.8	79.0	77.5	66.5	55.9	51.1	38.5
MONTANA	25.2	17.1	35.0	43.1	55.3	60.3	68.9	70.2	60.3	44.7	37.5	23.5
NEBRASKA	27.1	21.6	35.4	50.6	60.1	68.9	77.4	74.2	63.8	51.1	44.0	30.3
NEVADA	28.9	32.1	44.4	46.7	62.3	67.5	72.2	73.9	65.2	54.7	41.5	30.3
NEW HAMPSHIRE	18.9	21.1	27.3	41.3	55.9	64.9	65.3	69.4	59.4	48.8	39.2	31.3
NEW JERSEY	30.1	35.1	38.4	51.9	62.0	71.2	71.5	75.8	65.3	55.8	49.2	41.7
NEW MEXICO	32.0	39.8	44.8	54.8	63.9	72.1	75.9	72.1	67.3	57.4	46.1	34.9
NEW YORK	22.9	25.0	28.1	44.9	57.6	65.3	66.5	70.7	60.0	50.7	43.7	33.8
NORTH CAROLINA	39.5	46.5	47.4	60.1	66.8	74.8	75.1	77.0	68.2	58.2	55.2	48.5
NORTH DAKOTA	16.9	5.2	27.0	42.5	56.5	63.1	70.4	70.6	58.6	42.4	37.4	18.0
OHIO	27.1	33.7	35.8	53.8	61.7	68.6	72.2	73.2	62.5	53.8	48.1	37.8
OKLAHOMA	35.6	40.8	46.3	63.4	69.2	77.1	85.9	83.0	71.3	60.5	54.1	42.7
OREGON	32.6	34.5	43.0	44.6	56.6	59.0	66.1	68.3	61.4	50.1	41.6	33.6
PENNSYLVANIA	26.3	31.5	33.3	49.3	59.0	67.2	68.3	72.1	60.9	51.9	45.9	36.8
RHODE ISLAND	29.7	32.3	36.4	48.4	59.5	69.6	69.0	73.6	65.1	54.8	48.1	39.6
SOUTH CAROLINA	42.6	50.6	51.7	63.3	70.6	76.9	78.4	79.8	71.4	60.9	58.9	52.0
SOUTH DAKOTA	22.8	12.5	29.7	46.4	58.3	66.4	74.9	73.8	62.7	48.0	41.2	25.0
TENNESSEE	33.9	44.2	44.4	61.4	67.1	72.1	77.3	76.9	67.9	56.6	53.2	44.4
TEXAS	43.5	51.5	52.9	67.7	74.2	81.0	85.3	83.1	75.1	65.5	58.9	49.1
UTAH	26.5	32.9	42.9	48.5	60.5	67.9	74.0	73.5	66.0	53.2	40.4	24.9
VERMONT	17.8	19.1	25.3	40.3	55.8	64.0	64.5	68.7	58.3	48.2	38.7	30.3
VIRGINIA	34.0	40.8	41.6	56.4	63.1	71.7	72.1	75.2	65.0	55.2	51.1	43.2
WASHINGTON	33.1	33.7	42.2	46.0	55.7	58.2	65.5	67.7	61.3	47.9	41.7	33.5
WEST VIRGINIA	28.9	37.2	36.3	54.2	61.0	67.9	69.6	72.5	62.4	52.1	47.7	39.8
WISCONSIN	19.3	14.7	28.0	46.8	57.3	64.7	70.2	70.3	57.7	46.5	43.5	27.7
WYOMING	19.4	18.7	32.7	42.1	52.4	61.0	69.6	68.3	58.8	43.8	34.6	20.8

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

REGIONAL & NATIONAL AVERAGE TEMPERATURE (DEG F) (WEIGHTED BY AREA) -- 2001

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NEW ENGLAND	17.6	19.7	26.7	40.8	55.9	64.8	65.5	68.9	59.4	48.9	39.5	31.2
MIDDLE ATLANTIC	24.9	28.6	31.2	47.4	58.5	66.6	67.7	71.7	60.8	51.6	45.1	35.7
E. N. CENTRAL	24.2	25.9	32.9	51.7	60.7	67.1	72.0	72.3	61.1	50.9	46.7	33.7
W. N. CENTRAL	23.4	18.2	32.4	50.4	60.6	68.1	75.9	74.0	62.7	49.8	44.4	28.8
SOUTH ATLANTIC	41.4	50.3	50.5	62.1	68.5	75.3	76.6	78.0	70.3	61.1	57.9	51.3
E. S. CENTRAL	37.1	47.9	47.5	63.4	69.2	74.2	78.7	78.2	70.2	58.9	55.8	47.3
W. S. CENTRAL	41.7	49.6	51.5	67.0	72.9	79.5	84.7	82.7	74.1	63.9	58.0	48.2
MOUNTAIN	27.8	29.8	40.9	48.1	59.7	66.5	72.6	72.0	64.5	51.9	41.5	28.3
PACIFIC	38.2	39.5	48.5	49.6	62.9	65.5	70.2	72.1	66.4	56.8	47.4	38.9
NATIONAL	31.4	34.1	41.8	53.7	63.4	69.9	75.0	74.8	66.2	54.9	47.9	36.4

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

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

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

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

REGIONAL & NATIONAL AVERAGE TEMPERATURE (DEG F) (WEIGHTED BY AREA) -- 2002

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

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

STATE AVERAGE PRECIPITATION (IN.) (DIVISIONS WEIGHTED BY AREA) -- 2001

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ALABAMA	4.81	4.12	10.33	4.09	4.21	7.20	4.22	5.66	4.72	3.33	3.52	4.13
ARIZONA	1.68	.95	1.04	1.03	.40	.26	1.75	2.10	.45	.47	.27	.85
ARKANSAS	3.53	8.19	3.79	2.39	5.82	3.14	2.61	2.80	3.78	5.98	5.77	8.47
CALIFORNIA	3.40	4.31	1.84	1.62	.09	.21	.23	.04	.25	.63	4.06	5.24
COLORADO	.91	.77	1.10	1.30	2.44	.89	2.36	2.00	1.05	.51	.98	.45
CONNECTICUT	2.38	2.62	7.34	1.64	4.13	6.79	1.97	4.78	4.34	1.26	.99	2.45
DELAWARE	3.03	3.17	5.47	1.78	3.77	5.48	5.59	5.71	2.31	1.04	.68	2.14
FLORIDA	1.26	.74	6.83	.83	2.44	8.66	9.67	7.13	11.12	2.79	1.81	1.34
GEORGIA	2.93	1.99	9.20	1.91	2.72	7.42	5.56	2.99	4.10	.89	1.27	1.75
IDAHO	.96	.79	1.14	1.50	.88	1.14	.98	.14	.56	1.73	1.99	2.66
ILLINOIS	1.73	3.28	1.23	2.87	4.54	3.75	3.82	4.12	3.46	6.04	2.68	2.66
INDIANA	1.08	2.94	.98	2.78	4.27	4.23	5.53	4.02	3.84	7.76	3.42	3.64
IOWA	1.51	2.21	1.32	3.65	7.10	4.10	3.18	2.93	4.03	2.52	1.58	.87
KANSAS	1.37	2.53	1.56	1.91	5.28	3.83	3.68	2.56	3.53	1.13	.57	.31
KENTUCKY	2.21	4.20	2.80	1.99	4.60	3.99	6.22	3.63	2.31	4.44	4.53	4.67
LOUISIANA	5.64	3.62	9.36	1.90	1.86	12.44	4.37	6.22	6.34	5.32	6.18	5.70
MAINE	1.34	2.74	4.07	.94	1.99	3.77	3.62	1.38	3.69	1.80	2.21	2.04
MARYLAND & D.C.	2.91	2.17	4.99	2.15	4.66	4.75	4.36	3.48	2.78	.95	1.14	1.94
MASSACHUSETTS	2.29	2.92	9.57	1.85	2.88	5.97	3.39	3.46	3.52	1.11	1.26	3.18
MICHIGAN	1.36	2.64	.74	3.06	4.61	3.23	1.93	3.47	4.32	5.52	2.50	2.04
MINNESOTA	.89	1.37	.60	5.48	3.98	3.76	3.31	3.22	2.49	2.02	2.17	.55
MISSISSIPPI	6.02	5.76	7.67	3.58	3.46	6.63	4.78	5.93	5.17	5.76	6.55	5.93
MISSOURI	1.99	4.43	1.74	3.03	5.47	6.18	4.99	3.11	3.46	4.42	2.61	2.92
MONTANA	.33	.47	.48	1.28	.69	3.56	2.41	.20	.83	.91	.46	.39
NEBRASKA	.97	.98	.76	3.85	4.52	2.05	3.84	2.31	2.95	1.11	1.67	.12
NEVADA	.89	.89	.72	.97	.13	.09	.76	.29	.24	.25	1.03	1.06
NEW HAMPSHIRE	1.41	3.05	6.13	.96	1.79	4.82	3.33	1.78	4.07	1.65	2.02	2.43
NEW JERSEY	3.01	2.86	6.11	1.79	3.02	5.39	2.96	3.65	2.75	.97	1.00	2.14
NEW MEXICO	1.06	.66	.95	.39	.99	.82	1.76	2.40	.90	.22	.87	.40
NEW YORK	1.58	2.09	5.10	1.11	2.86	4.28	2.33	3.10	4.10	2.36	2.26	2.72
NORTH CAROLINA	2.00	2.71	5.28	1.69	3.15	6.04	5.40	4.35	3.06	1.21	1.16	2.02
NORTH DAKOTA	.22	.36	.13	1.75	1.95	4.28	4.57	1.00	1.13	.93	.25	.34
OHIO	1.28	1.60	1.89	3.55	5.45	3.10	3.79	3.65	3.12	4.61	3.01	2.80
OKLAHOMA	2.36	3.96	1.50	1.32	7.43	2.31	1.00	2.44	3.90	2.20	1.85	2.09
OREGON	1.42	1.27	1.95	2.05	1.08	1.24	.70	.38	.62	1.82	4.36	4.99
PENNSYLVANIA	1.83	1.50	3.96	2.64	3.08	4.17	2.65	3.32	4.16	2.18	2.10	2.60
RHODE ISLAND	2.97	2.59	10.43	2.22	4.42	6.40	3.18	4.37	2.99	1.43	.90	2.66
SOUTH CAROLINA	2.01	2.48	6.40	.95	2.52	5.45	5.34	2.72	3.57	.98	1.01	1.65
SOUTH DAKOTA	.90	.94	.49	3.96	2.55	3.27	4.04	.72	1.87	1.00	1.39	.06
TENNESSEE	3.72	7.05	3.23	2.96	4.63	4.30	5.17	4.26	3.72	4.68	5.93	5.53
TEXAS	2.42	2.13	3.28	.78	3.07	2.53	.95	3.70	3.24	1.75	3.37	2.32
UTAH	.95	1.06	1.09	1.27	.51	.37	.78	1.20	.23	.44	1.47	.97
VERMONT	1.37	3.04	4.04	.94	2.16	3.62	3.30	2.14	4.01	2.13	2.52	2.29
VIRGINIA	2.28	2.00	4.48	1.63	4.97	4.68	5.09	3.78	2.20	.90	.56	2.27
WASHINGTON	2.70	1.83	3.16	2.89	1.92	2.28	.65	1.38	.71	4.14	6.70	6.89
WEST VIRGINIA	2.61	2.16	3.50	2.32	6.47	4.50	8.00	3.38	2.54	1.25	1.28	2.65
WISCONSIN	1.21	1.69	.67	4.93	4.86	4.84	2.67	4.59	4.05	2.44	2.28	1.23
WYOMING	.24	.64	.42	1.33	.99	1.20	1.48	.60	.81	.79	.64	.44

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

REGIONAL & NATIONAL AVERAGE PRECIPITATION (IN.) (WEIGHTED BY AREA) -- 2001

AREA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NEW ENGLAND	1.58	2.84	5.39	1.13	2.30	4.45	3.37	2.12	3.80	1.70	1.99	2.31
MIDDLE ATLANTIC	1.80	1.89	4.67	1.84	2.97	4.32	2.52	3.24	4.02	2.17	2.09	2.62
E. N. CENTRAL	1.35	2.44	1.06	3.48	4.74	3.84	3.36	3.98	3.79	5.12	2.71	2.36
W. N. CENTRAL	1.10	1.80	.93	3.40	4.32	3.88	3.94	2.26	2.75	1.82	1.46	.70
SOUTH ATLANTIC	2.18	1.95	6.28	1.54	3.46	6.43	6.47	4.27	4.84	1.39	1.22	1.87
E. S. CENTRAL	4.30	5.25	6.31	3.23	4.20	5.66	5.03	4.96	4.07	4.53	5.10	5.05
W. S. CENTRAL	2.90	3.32	3.73	1.18	3.97	3.66	1.54	3.67	3.76	2.73	3.73	3.40
MOUNTAIN	.86	.76	.84	1.11	.87	1.16	1.61	1.13	.65	.64	.90	.83
PACIFIC	2.66	2.88	2.15	2.02	.77	.95	.46	.42	.46	1.73	4.71	5.51
NATIONAL	1.81	2.14	2.50	2.00	2.76	3.12	2.74	2.46	2.48	2.01	2.31	2.25

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

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

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

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.

REGIONAL & NATIONAL AVERAGE PRECIPITATION (IN.) (WEIGHTED BY AREA) -- 2002

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

NOTE : DASHES INDICATE DATA NOT AVAILABLE OR MISSING.