

Table 1.11 Cooling Degree Days by Census Division

	New England ^a	Middle Atlantic ^b	East North Central ^c	West North Central ^d	South Atlantic ^e	East South Central ^f	West South Central ^g	Mountain ^h	Pacific ⁱ	United States
1950 Total	296	R 403	R 506	646	R 1,427	R 1,419	R 2,279	R 689	628	R 873
1955 Total	531	R 764	R 921	R 1,139	R 1,645	R 1,672	R 2,505	R 787	R 557	R 1,145
1960 Total	318	R 488	626	870	R 1,597	R 1,529	R 2,366	R 983	R 794	R 1,002
1965 Total	R 311	R 502	617	831	R 1,624	R 1,550	R 2,461	R 788	R 575	R 981
1970 Total	423	R 619	746	979	R 1,758	R 1,569	R 2,281	R 981	732	R 1,082
1975 Total	R 423	R 586	720	937	R 1,802	R 1,439	R 2,162	R 913	R 597	R 1,052
1980 Total	439	R 683	R 768	1,158	R 1,923	R 1,751	R 2,652	R 1,083	R 651	1,216
1985 Total	324	R 513	R 602	780	R 1,882	R 1,519	R 2,519	R 1,107	R 758	1,122
1990 Total	R 428	R 566	602	912	R 2,058	R 1,560	R 2,527	R 1,224	R 833	R 1,201
1995 Total	R 472	R 705	R 878	R 928	R 2,030	R 1,611	2,398	R 1,226	791	R 1,262
2000 Total	R 279	R 460	630	983	R 1,925	R 1,672	2,773	R 1,494	R 771	R 1,233
2005 Total	R 599	R 895	944	1,063	R 2,100	R 1,674	R 2,645	R 1,386	777	R 1,390
2010 Total	634	R 913	963	1,095	R 2,271	R 1,974	R 2,754	R 1,370	674	R 1,457
2011 Total	553	R 840	858	1,074	R 2,260	R 1,725	3,112	R 1,462	734	R 1,470
2012 Total	563	R 819	974	1,221	R 2,163	R 1,760	R 2,913	R 1,582	R 917	R 1,494
2013 Total	540	R 685	689	R 892	R 2,001	R 1,438	2,535	R 1,471	R 889	R 1,305
2014 Total	R 420	R 600	R 609	812	R 2,001	R 1,491	2,474	R 1,439	R 1,068	R 1,296
2015 Total	R 556	R 809	729	941	R 2,397	R 1,717	R 2,742	R 1,485	R 1,067	R 1,485
2016 Total	R 625	R 891	R 957	1,072	R 2,405	R 1,956	2,882	R 1,502	R 929	R 1,554
2017 Total	R 451	R 665	R 708	910	R 2,247	1,585	2,718	R 1,550	R 1,056	R 1,423
2018 Total	R 668	R 890	972	R 1,134	R 2,411	R 1,928	R 2,855	R 1,574	R 1,004	1,579
2019 Total	R 536	R 787	R 832	951	R 2,504	R 1,885	R 2,759	R 1,398	R 845	R 1,496
2020 Total	R 645	R 848	831	964	R 2,335	R 1,636	2,735	R 1,683	1,071	R 1,519
2021 Total	604	837	911	1,093	2,226	1,611	2,644	1,583	1,040	1,492
2022 January	0	0	0	0	28	3	9	0	9	8
February	0	0	0	0	45	3	5	2	7	11
March	0	0	1	3	84	22	41	13	14	27
April	0	0	0	2	98	25	158	52	23	49
May	18	40	79	72	240	206	386	127	42	147
June	63	114	177	232	376	367	554	290	146	270
July	260	311	264	338	482	480	682	431	247	394
August	273	302	219	276	440	385	583	358	297	359
September	33	72	74	121	278	200	404	245	222	202
October	0	1	2	7	106	29	131	67	59	55
November	0	0	0	0	88	5	26	1	11	23
December	0	0	0	0	37	3	13	0	9	11
Total	647	838	816	1,050	2,302	1,728	2,992	1,586	1,088	1,556
2023 January	0	0	0	0	50	R 19	35	0	8	17
February	0	0	0	0	R 69	17	27	0	8	20
March	0	0	0	1	84	R 27	R 88	3	10	32
April	0	0	1	5	117	30	R 94	41	18	44
May	4	12	48	89	R 177	R 143	292	116	33	R 110
June	50	78	130	226	294	271	515	R 192	R 55	R 209
July	R 277	307	R 246	283	488	431	R 648	460	282	R 390
August	R 134	R 189	188	R 279	461	R 420	R 711	362	239	348
September	60	80	88	146	R 290	248	R 507	R 202	R 88	202
October	5	10	10	14	138	R 65	172	R 85	57	73
November	0	0	0	0	66	4	28	13	R 14	21
December	0	0	0	0	38	3	R 15	0	8	11
Total	R 531	R 677	R 711	R 1,042	R 2,271	R 1,678	R 3,132	R 1,475	R 820	R 1,476
2024 January	0	0	0	0	36	2	8	0	7	10

^a Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

^b New Jersey, New York, and Pennsylvania.

^c Illinois, Indiana, Michigan, Ohio, and Wisconsin.

^d Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota.

^e Delaware, Florida, Georgia, Maryland (and the District of Columbia), North Carolina, South Carolina, Virginia, and West Virginia.

^f Alabama, Kentucky, Mississippi, and Tennessee.

^g Arkansas, Louisiana, Oklahoma, and Texas.

^h Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming.

ⁱ Alaska, California, Hawaii, Oregon, and Washington.

R=Revised.

Notes: • Degree days are relative measurements of outdoor air temperature used as an index for heating and cooling energy requirements. Cooling degree days are the number of degrees that the daily average temperature rises above 65 degrees Fahrenheit (°F). Heating degree days are the number of degrees that the

daily average temperature falls below 65°F. The daily average temperature is the mean of the maximum and minimum temperatures in a 24-hour period. For example, if a weather station recorded an average daily temperature of 78°F, cooling degree days for that station would be 13 (and 0 heating degree days). A weather station recording an average daily temperature of 40°F would report 25 heating degree days for that day (and 0 cooling degree days).

• Totals may not equal sum of components due to independent rounding.

• Geographic coverage is the 50 states and the District of Columbia.

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#summary> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: State-level degree day data are from U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Centers for Environmental Information. Using these state-level data, the U.S. Energy Information Administration calculates population-weighted census-division and U.S. degree day averages using state populations from the same year the degree days are measured. See methodology at http://www.eia.gov/forecasts/steo/special/pdf/2012_sp_04.pdf.