

**Table 1.11 Cooling Degree Days by Census Division**

	New England <sup>a</sup>	Middle Atlantic <sup>b</sup>	East North Central <sup>c</sup>	West North Central <sup>d</sup>	South Atlantic <sup>e</sup>	East South Central <sup>f</sup>	West South Central <sup>g</sup>	Mountain <sup>h</sup>	Pacific <sup>i</sup>	United States
<b>1950 Total</b> .....	296	401	505	646	1,429	1,420	2,281	681	628	872
1955 Total .....	531	761	922	1,138	1,647	1,673	2,506	779	556	1,145
1960 Total .....	318	486	626	870	1,599	1,531	2,366	973	795	1,002
1965 Total .....	310	498	617	831	1,626	1,551	2,460	779	576	980
1970 Total .....	423	615	746	979	1,759	1,571	2,282	970	732	1,081
1975 Total .....	422	583	720	937	1,805	1,440	2,161	903	596	1,051
1980 Total .....	439	679	769	1,158	1,925	1,753	2,651	1,071	652	1,216
1985 Total .....	324	509	601	780	1,885	1,521	2,519	1,095	759	1,122
1990 Total .....	429	561	602	912	2,061	1,562	2,526	1,211	835	1,200
1995 Total .....	471	703	877	927	2,033	1,613	2,398	1,213	791	1,261
2000 Total .....	278	458	630	983	1,928	1,673	2,773	1,479	772	1,232
2005 Total .....	598	892	944	1,063	2,102	1,675	2,646	1,372	777	1,389
2006 Total .....	484	693	733	1,033	2,056	1,647	2,786	1,465	920	1,360
2007 Total .....	445	693	881	1,102	2,222	1,892	2,477	1,562	828	1,392
2008 Total .....	462	666	683	818	1,998	1,537	2,500	1,385	917	1,283
2009 Total .....	349	523	534	698	2,032	1,479	2,588	1,392	894	1,241
2010 Total .....	634	908	963	1,095	2,274	1,975	2,756	1,356	674	1,456
2011 Total .....	553	835	858	1,074	2,263	1,727	3,112	1,447	734	1,469
2012 Total .....	563	815	974	1,221	2,166	1,761	2,914	1,567	918	1,493
2013 Total .....	540	681	689	891	2,005	1,440	2,535	1,456	891	1,304
2014 Total .....	419	596	610	812	2,005	1,493	2,474	1,423	1,070	1,295
2015 Total .....	555	804	729	941	2,401	1,718	2,740	1,469	1,069	1,484
2016 Total .....	626	887	958	1,072	2,409	1,957	2,882	1,485	930	1,553
2017 Total .....	450	661	709	910	2,250	1,585	2,718	1,534	1,055	1,422
2018 Total .....	667	885	972	1,133	2,414	1,929	2,856	1,558	1,005	1,579
2019 Total .....	535	783	831	951	2,508	1,886	2,758	1,383	843	1,495
2020 Total .....	644	844	831	964	2,338	1,637	2,735	1,665	1,071	1,518
<b>2021</b> January .....	0	0	0	0	30	5	15	0	10	10
February .....	0	0	0	0	50	1	4	3	7	12
March .....	0	0	2	8	73	34	70	7	8	28
April .....	0	0	0	3	81	17	84	59	24	36
May .....	8	17	35	43	188	108	229	126	51	100
June .....	133	165	215	267	347	306	457	R 348	175	274
July .....	159	250	238	302	437	397	514	R 418	296	347
August .....	238	286	285	300	456	410	555	331	252	357
September .....	60	94	105	147	280	207	401	222	158	200
October .....	7	23	29	22	178	98	209	45	27	84
November .....	0	0	0	0	41	2	31	24	25	18
December .....	0	0	0	1	66	25	75	0	8	26
<b>Total</b> .....	<b>604</b>	<b>837</b>	<b>911</b>	<b>1,093</b>	<b>2,226</b>	<b>1,611</b>	<b>2,644</b>	<b>R 1,583</b>	<b>1,040</b>	<b>1,492</b>
<b>2022</b> 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	R 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
<b>Total</b> .....	<b>647</b>	<b>838</b>	<b>816</b>	<b>1,050</b>	<b>R 2,302</b>	<b>1,728</b>	<b>2,992</b>	<b>1,586</b>	<b>1,088</b>	<b>1,556</b>
<b>2023</b> January .....	0	0	0	0	R 50	R 20	35	0	8	17
February .....	0	0	0	0	70	17	27	0	8	20
March .....	0	0	0	1	84	R 28	R 87	3	10	32
April .....	0	0	1	5	117	30	R 93	41	R 18	44
May .....	4	12	48	89	176	142	292	R 116	R 33	109
June .....	R 50	R 78	130	226	294	271	515	194	R 57	210
July .....	R 276	R 307	247	283	R 488	R 431	R 647	R 460	R 282	R 391
August .....	R 135	190	R 188	280	R 461	R 419	709	R 362	R 239	R 348
September .....	R 60	80	88	146	R 291	R 248	R 506	R 203	R 90	R 202
October .....	5	10	10	14	138	66	R 172	R 86	R 57	73
November .....	0	0	0	0	R 66	4	R 28	13	R 15	R 21
December .....	0	0	0	0	38	3	16	0	8	11
<b>Total</b> .....	<b>530</b>	<b>678</b>	<b>712</b>	<b>1,043</b>	<b>2,272</b>	<b>1,677</b>	<b>3,128</b>	<b>1,479</b>	<b>824</b>	<b>1,477</b>

<sup>a</sup> Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>b</sup> New Jersey, New York, and Pennsylvania.

<sup>c</sup> Illinois, Indiana, Michigan, Ohio, and Wisconsin.

<sup>d</sup> Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota.

<sup>e</sup> Delaware, Florida, Georgia, Maryland (and the District of Columbia), North Carolina, South Carolina, Virginia, and West Virginia.

<sup>f</sup> Alabama, Kentucky, Mississippi, and Tennessee.

<sup>g</sup> Arkansas, Louisiana, Oklahoma, and Texas.

<sup>h</sup> Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming.

<sup>i</sup> 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](http://www.eia.gov/forecasts/steo/special/pdf/2012_sp_04.pdf).