# Table 1.12 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** | **403** | **506** | **646** | **1,427** | **1,419** | **2,279** | **689** | **628** | **873** |
| **1955 Total** | **531** | **764** | **921** | **1,139** | **1,645** | **1,672** | **2,505** | **787** | **557** | **1,145** |
| **1960 Total** | **318** | **488** | **626** | **870** | **1,597** | **1,529** | **2,366** | **983** | **794** | **1,002** |
| **1965 Total** | **311** | **502** | **617** | **831** | **1,624** | **1,550** | **2,461** | **788** | **575** | **981** |
| **1970 Total** | **423** | **619** | **746** | **979** | **1,758** | **1,569** | **2,281** | **981** | **732** | **1,082** |
| **1975 Total** | **423** | **586** | **720** | **937** | **1,802** | **1,439** | **2,162** | **913** | **597** | **1,052** |
| **1980 Total** | **439** | **683** | **768** | **1,158** | **1,923** | **1,751** | **2,652** | **1,083** | **651** | **1,216** |
| **1985 Total** | **324** | **513** | **602** | **780** | **1,882** | **1,519** | **2,519** | **1,107** | **758** | **1,122** |
| **1990 Total** | **428** | **566** | **602** | **912** | **2,058** | **1,560** | **2,527** | **1,224** | **833** | **1,201** |
| **1995 Total** | **472** | **705** | **878** | **928** | **2,030** | **1,611** | **2,398** | **1,226** | **791** | **1,262** |
| **2000 Total** | **279** | **460** | **630** | **983** | **1,925** | **1,672** | **2,773** | **1,494** | **771** | **1,233** |
| **2005 Total** | **599** | **895** | **944** | **1,063** | **2,100** | **1,674** | **2,645** | **1,386** | **777** | **1,390** |
| **2010 Total** | **634** | **913** | **963** | **1,095** | **2,271** | **1,974** | **2,754** | **1,370** | **674** | **1,457** |
| **2011 Total** | **553** | **840** | **858** | **1,074** | **2,260** | **1,725** | **3,112** | **1,462** | **734** | **1,470** |
| **2012 Total** | **563** | **819** | **974** | **1,221** | **2,163** | **1,760** | **2,913** | **1,582** | **917** | **1,494** |
| **2013 Total** | **540** | **685** | **689** | **892** | **2,001** | **1,438** | **2,535** | **1,471** | **889** | **1,305** |
| **2014 Total** | **420** | **600** | **609** | **812** | **2,001** | **1,491** | **2,474** | **1,439** | **1,068** | **1,296** |
| **2015 Total** | **556** | **809** | **729** | **941** | **2,397** | **1,717** | **2,742** | **1,485** | **1,067** | **1,485** |
| **2016 Total** | **625** | **891** | **957** | **1,072** | **2,405** | **1,956** | **2,882** | **1,502** | **929** | **1,554** |
| **2017 Total** | **451** | **665** | **708** | **910** | **2,247** | **1,585** | **2,718** | **1,550** | **1,056** | **1,423** |
| **2018 Total** | **668** | **890** | **972** | **1,134** | **2,411** | **1,928** | **2,855** | **1,574** | **1,004** | **1,579** |
| **2019 Total** | **536** | **787** | **832** | **951** | **2,504** | **1,885** | **2,759** | **1,398** | **845** | **1,496** |
| **2020 Total** | **645** | **848** | **831** | **964** | **2,335** | **1,636** | **2,735** | **1,683** | **1,071** | **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 | 49 | 19 | 35 | 0 | 8 | 17 |
| February | 0 | 0 | 0 | 0 | 69 | 17 | 27 | 0 | 8 | 20 |
| March | 0 | 0 | 0 | 1 | 83 | 27 | 88 | 3 | 10 | 32 |
| April | 0 | 0 | 1 | 5 | 116 | R 29 | 93 | R 40 | 18 | R 43 |
| May | 4 | 12 | 49 | 89 | R 174 | 142 | R 291 | 116 | 33 | 109 |
| June | 50 | 78 | 131 | R 226 | 293 | R 273 | 515 | R 193 | 55 | 209 |
| July | R 275 | R 307 | 247 | 282 | 486 | R 432 | R 648 | R 461 | R 280 | 390 |
| August | R 134 | R 192 | 188 | R 280 | 460 | 419 | R 712 | R 362 | R 240 | 349 |
| September | 59 | 80 | 88 | 146 | R 288 | 248 | R 508 | 202 | R 88 | 202 |
| October | 5 | 10 | 10 | 14 | R 137 | 66 | R 173 | 85 | R 55 | 73 |
| November | 0 | 0 | 0 | 0 | R 64 | 4 | 28 | 13 | 14 | 20 |
| December | 0 | 0 | 0 | 0 | R 37 | 3 | 16 | 0 | 8 | 11 |
| **Total** | **R 527** | **R 681** | **713** | **R 1,042** | **R 2,257** | **R 1,681** | **R 3,134** | **R 1,476** | **R 818** | **R 1,474** |
| **2024** January | 0 | 0 | 0 | 0 | R 35 | 2 | 8 | 0 | 7 | 9 |
| February | 0 | 0 | 0 | 4 | 29 | R 10 | R 38 | R 2 | 6 | 13 |
| March | 0 | 0 | 3 | 7 | 82 | 28 | 81 | 7 | 8 | 31 |
| **3-Month Total** | **0** | **0** | **3** | **11** | **146** | **41** | **127** | **9** | **21** | **53** |
| **2023 3-Month Total** | **0** | **0** | **0** | **1** | **202** | **64** | **151** | **3** | **26** | **68** |
| **2022 3-Month Total** | **0** | **0** | **1** | **3** | **157** | **28** | **55** | **15** | **31** | **47** |

[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.