

## HEATING VENTILATING AIR CONDITIONING GUIDE 1938

TABLE 1. DEGREE-DAYS FOR CITIES IN THE UNITED STATES AND CANADA<sup>a</sup>

| STATE   | CITY             | JAN. | FEB. | MAR. | APR. | MAY              | SEPT.            | OCT. | NOV. | DEC. | TOTAL |
|---------|------------------|------|------|------|------|------------------|------------------|------|------|------|-------|
| Ala.    | Birmingham       | 589  | 577  | 260  | 69   |                  |                  |      | 318  | 595  | 2408  |
|         | Mobile           | 428  | 311  | 152  |      |                  |                  |      | 186  | 394  | 1471  |
| Ariz.   | Flagstaff        | 1153 | 969  | 896  | 654  | 636 <sup>b</sup> | 292 <sup>d</sup> | 577  | 840  | 1128 | 7145  |
|         | Tucson           | 459  | 325  | 257  | 87   |                  |                  |      | 252  | 465  | 1845  |
| Ark.    | Hot Springs      |      |      |      |      |                  |                  |      |      |      | 2665  |
|         | Little Rock      | 719  | 582  | 353  | 78   |                  |                  | 47   | 381  | 651  | 2811  |
| Calif.  | Los Angeles      | 326  | 266  | 239  | 159  | 90               |                  |      | 123  | 301  | 1504  |
|         | San Francisco    | 465  | 356  | 354  | 294  | 458 <sup>b</sup> | 502 <sup>c</sup> | 146  | 261  | 428  | 3264  |
| Col.    | Colorado Springs | 1085 | 993  | 884  | 612  | 450 <sup>b</sup> | 162              | 502  | 789  | 1067 | 6553  |
|         | Denver           | 1079 | 918  | 799  | 534  | 267              | 72               | 428  | 759  | 1017 | 5873  |
| Conn.   | New Haven        | 1110 | 1011 | 899  | 543  | 223              | 39               | 360  | 693  | 1017 | 5895  |
| D. C.   | Washington       |      |      |      |      |                  |                  |      |      |      | 4626  |
| Fla.    | Jacksonville     | 285  | 207  | 56   |      |                  |                  |      | 75   | 267  | 890   |
| Ga.     | Atlanta          | 682  | 558  | 388  | 132  |                  |                  | 96   | 396  | 639  | 2891  |
|         | Savannah         | 409  | 316  | 167  |      |                  |                  |      | 201  | 397  | 1490  |
| Idaho   | Boise            | 1098 | 848  | 651  | 435  | 235              | 108              | 434  | 738  | 1011 | 4558  |
|         | Lewiston         |      |      |      |      |                  |                  |      |      |      | 4924  |
| Ill.    | Chicago          | 1262 | 1095 | 909  | 549  | 248              | 30               | 353  | 756  | 1113 | 6315  |
|         | Springfield      | 1180 | 1008 | 760  | 365  | 56               |                  | 282  | 681  | 1038 | 5370  |
| Ind.    | Evansville       | 949  | 854  | 640  | 276  |                  |                  | 155  | 528  | 862  | 4164  |
|         | Indianapolis     | 1128 | 969  | 756  | 384  | 58               |                  | 298  | 687  | 1017 | 5297  |
| Iowa    | Des Moines       | 1392 | 1173 | 890  | 429  | 118              |                  | 357  | 798  | 1216 | 6373  |
|         | Sioux City       | 1434 | 1386 | 967  | 489  | 164              | 33               | 415  | 870  | 1265 | 7023  |
| Kans.   | Dodge City       | 1116 | 890  | 688  | 342  | 46               |                  | 276  | 672  | 1004 | 5034  |
|         | Topeka           | 1221 | 980  | 741  | 339  |                  |                  | 270  | 699  | 1051 | 5301  |
| Ky.     | Lexington        | 974  | 867  | 648  | 342  | 25               |                  | 245  | 612  | 903  | 4616  |
|         | Louisville       | 939  | 801  | 589  | 264  |                  |                  | 186  | 552  | 849  | 4180  |
| La.     | New Orleans      | 332  | 230  | 58   |      |                  |                  |      | 102  | 301  | 1023  |
| Me.     | Eastport         | 1380 | 1232 | 1110 | 786  | 843 <sup>b</sup> | 566 <sup>c</sup> | 543  | 843  | 1228 | 8531  |
|         | Portland         | 1321 | 1168 | 1017 | 642  | 368              | 120              | 443  | 780  | 1153 | 7012  |
| Md.     | Baltimore        | 955  | 843  | 700  | 348  | 22               |                  | 223  | 567  | 875  | 4533  |
| Mass.   | Boston           | 1150 | 1042 | 908  | 570  | 245              | 48               | 363  | 693  | 1026 | 6045  |
|         | Springfield      |      |      |      |      |                  |                  |      |      |      | 6464  |
| Mich.   | Detroit          | 1253 | 1134 | 976  | 573  | 226              | 42               | 400  | 777  | 1113 | 6494  |
|         | Marquette        | 1501 | 1360 | 1249 | 804  | 682 <sup>b</sup> | 268 <sup>d</sup> | 567  | 960  | 1301 | 8692  |
| Minn.   | Duluth           | 1727 | 1473 | 1277 | 810  | 722 <sup>b</sup> | 298 <sup>d</sup> | 620  | 1062 | 1491 | 9480  |
|         | Minneapolis      | 1609 | 1400 | 1095 | 570  | 235              | 93               | 481  | 963  | 1405 | 7851  |
| Miss.   | Vicksburg        | 520  | 384  | 195  |      |                  |                  |      | 252  | 471  | 1822  |
| Mo.     | Kansas City      | 1201 | 987  | 750  | 321  | 15               |                  | 285  | 605  | 1038 | 5202  |
|         | St. Louis        | 1060 | 854  | 657  | 276  |                  |                  | 205  | 597  | 936  | 4585  |
| Mont.   | Billings         | 1316 | 1120 | 955  | 534  | 376 <sup>b</sup> | 189              | 524  | 909  | 1192 | 7115  |
|         | Havre            | 1624 | 1450 | 1168 | 630  | 513              | 270              | 620  | 1041 | 1383 | 8699  |
| Nebr.   | Lincoln          |      |      |      |      |                  |                  |      |      |      | 6231  |
|         | Omaha            | 1355 | 1125 | 868  | 414  | 84               |                  | 328  | 780  | 1174 | 6128  |
| Nev.    | Reno             | 1041 | 823  | 753  | 534  | 456 <sup>b</sup> | 144              | 452  | 714  | 974  | 5891  |
| N. H.   | Concord          | 1349 | 1240 | 1011 | 669  | 351 <sup>b</sup> | 168              | 484  | 846  | 1234 | 6852  |
| N. J.   | Atlantic City    | 992  | 903  | 806  | 519  | 220              |                  | 254  | 588  | 893  | 5175  |
|         | Trenton          | 1014 | 942  | 735  | 402  | 81               |                  | 242  | 588  | 930  | 4934  |
| N. M.   | Santa Fe         | 1110 | 902  | 775  | 543  | 301 <sup>b</sup> | 120              | 459  | 780  | 1073 | 6063  |
| N. Y.   | Albany           | 1286 | 1142 | 980  | 549  | 493              | 72               | 446  | 774  | 1147 | 6889  |
|         | Buffalo          | 1240 | 1156 | 1032 | 675  | 347              | 75               | 418  | 774  | 1104 | 6821  |
|         | New York         | 1061 | 960  | 837  | 486  | 155              |                  | 276  | 618  | 955  | 5348  |
|         | Utica            | 1242 | 1181 | 991  | 587  | 244              | 187              | 426  | 787  | 1140 | 6785  |
| N. C.   | Raleigh          | 722  | 630  | 446  | 183  |                  |                  | 130  | 429  | 694  | 3234  |
|         | Wilmington       | 555  | 468  | 322  | 108  |                  |                  | 19   | 303  | 527  | 2302  |
| N. Dak. | Bismarck         |      |      |      |      |                  |                  |      |      |      | 8498  |

<sup>a</sup>Heating and Ventilating Degree-Day Handbook.<sup>b</sup>Including June.<sup>c</sup>Including July and August.<sup>d</sup>Including August.

## CHAPTER 12. HEAT AND FUEL UTILIZATION

TABLE 1. DEGREE-DAYS FOR CITIES IN THE UNITED STATES AND CANADA<sup>a</sup> (Continued)

| STATE   | CITY           | JAN. | FEB. | MAR. | APR. | MAY              | SEPT.            | OCT. | NOV. | DEC. | TOTAL |
|---------|----------------|------|------|------|------|------------------|------------------|------|------|------|-------|
| Ohio    | Cincinnati     | 1076 | 910  | 747  | 378  | 73               |                  | 290  | 675  | 980  | 5129  |
|         | Cleveland      | 1180 | 1075 | 950  | 564  | 220              | 27               | 366  | 732  | 1060 | 6154  |
|         | Columbus       | 1113 | 980  | 703  | 420  | 87               |                  | 313  | 690  | 1017 | 5323  |
| Okla.   | Oklahoma City  | 865  | 742  | 465  | 162  |                  |                  | 105  | 459  | 815  | 3613  |
| Oreg.   | Portland       | 806  | 644  | 558  | 402  | 335 <sup>b</sup> | 105              | 332  | 558  | 728  | 4468  |
|         | Salem          |      |      |      |      |                  |                  |      |      |      | 4629  |
| Pa.     | Philadelphia   | 1001 | 895  | 756  | 402  | 68               |                  | 242  | 588  | 903  | 4855  |
| R. I.   | Pittsburgh     | 1054 | 944  | 787  | 423  | 78               |                  | 313  | 669  | 967  | 5235  |
| S. C.   | Providence     | 1116 | 1069 | 890  | 558  | 251              | 63               | 348  | 693  | 1026 | 6014  |
|         | Charleston     | 487  | 372  | 242  | 36   |                  |                  | 207  | 425  | 1769 |       |
|         | Spartanburg    | 725  | 688  | 431  | 147  |                  |                  | 121  | 429  | 716  | 3257  |
| S. Dak. | Sioux Falls    |      |      |      |      |                  |                  |      |      |      | 7683  |
| Tenn.   | Memphis        | 744  | 599  | 384  | 96   |                  |                  | 62   | 402  | 663  | 2950  |
|         | Nashville      | 812  | 747  | 476  | 180  |                  |                  | 136  | 483  | 744  | 3578  |
| Texas   | Austin         |      |      |      |      |                  |                  |      |      |      | 1578  |
|         | Dallas         |      |      |      |      |                  |                  |      |      |      | 2455  |
|         | Houston        | 366  | 277  | 65   |      |                  |                  |      | 114  | 335  | 1157  |
|         | San Antonio    | 381  | 274  | 74   |      |                  |                  |      | 126  | 347  | 1202  |
| Utah    | Logan          | 1260 | 1072 | 893  | 525  | 376              | 114              | 468  | 819  | 1218 | 6735  |
|         | Salt Lake City | 1110 | 885  | 722  | 453  | 234              | 18               | 388  | 723  | 1020 | 5553  |
| Vt.     | Burlington     | 1535 | 1294 | 1089 | 654  | 276 <sup>b</sup> | 144              | 481  | 861  | 1286 | 7620  |
| Va.     | Fredericksburg | 887  | 820  | 583  | 303  |                  |                  | 223  | 549  | 878  | 4243  |
|         | Norfolk        | 738  | 650  | 520  | 246  |                  |                  | 99   | 411  | 685  | 3349  |
|         | Richmond       | 825  | 702  | 552  | 240  |                  |                  | 158  | 483  | 765  | 3725  |
| Wash.   | Seattle        | 775  | 653  | 623  | 465  | 487 <sup>b</sup> | 276 <sup>c</sup> | 403  | 570  | 716  | 4968  |
|         | Spokane        | 1171 | 952  | 778  | 504  | 366              | 192              | 514  | 819  | 1057 | 6353  |
| W. Va.  | Morgantown     | 1026 | 944  | 713  | 414  |                  |                  | 294  | 648  | 977  | 5016  |
|         | Parkersburg    |      |      |      |      |                  |                  |      |      |      | 4884  |
| Wis.    | Fond du Lac    | 1507 | 1321 | 1046 | 603  | 276              | 117              | 493  | 921  | 1328 | 7612  |
|         | Green Bay      | 1538 | 1358 | 1125 | 600  | 322              | 132              | 505  | 921  | 1322 | 7823  |
|         | LaCrosse       | 1535 | 1265 | 1032 | 528  | 183              | 96               | 462  | 909  | 1280 | 7290  |
|         | Milwaukee      | 1383 | 1328 | 1023 | 648  | 389 <sup>b</sup> | 84               | 449  | 846  | 1222 | 7372  |
| Wyo.    | Cheyenne       | 1215 | 1075 | 995  | 720  | 569              | 240              | 605  | 900  | 1143 | 7462  |

| PROVINCE | CITY          | JAN. | FEB. | MAR. | APR. | MAY | SEPT. | OCT. | NOV. | DEC. | TOTAL  |
|----------|---------------|------|------|------|------|-----|-------|------|------|------|--------|
| B. C.    | Victoria      |      |      |      |      |     |       |      |      |      | 5777   |
|          | Vancouver     |      |      |      |      |     |       |      |      |      | 5976   |
|          | Kamloops      |      |      |      |      |     |       |      |      |      | 6724   |
| Alb.     | Medicine Hat  |      |      |      |      |     |       |      |      |      | 8152   |
| Sask.    | Qu'Appelle    |      |      |      |      |     |       |      |      |      | 11,261 |
| Man.     | Winnipeg      |      |      |      |      |     |       |      |      |      | 11,166 |
| Ont.     | Port Arthur   |      |      |      |      |     |       |      |      |      | 10,803 |
|          | Toronto       |      |      |      |      |     |       |      |      |      | 7732   |
| Que.     | Montreal      | 1615 | 1409 | 1219 | 720  | 309 | 190   | 372  | 961  | 1422 | 8417   |
|          | Quebec        |      |      |      |      |     |       |      |      |      | 8628   |
| N. B.    | Fredericton   |      |      |      |      |     |       |      |      |      | 9099   |
| N. S.    | Yarmouth      |      |      |      |      |     |       |      |      |      | 7694   |
| P. E. I. | Charlottetown |      |      |      |      |     |       |      |      |      | 8485   |

<sup>a</sup>Heating and Ventilating Degree-Day Handbook.<sup>b</sup>Including June.<sup>c</sup>Including July and August.