

## DEGREE DAY INFORMATION FROM NATIONAL WEATHER SERVICE

RED INDICATES COLDEST MONTH OR YEAR

20 Year 5 Year

| MONTH         | 1990        | 1991        | 1992        | 1993        | 1994        | 1995        | 1996        | 1997        | 1998        | 1999        | 2000        | 2001        | 2002        | 2003        | 2004        | 2005        | 2006        | 2007        | 2008        | 2009        | 2010        | 2011        | 2012        | 2013        | 2014        | 2015        | 2016        | 2017        | 2018        | 2019        | MONTHLY<br>AVERAGE |             |     |
|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-----|
| JANUARY       | 689         | 775         | 799         | 709         | 1030        | 822         | 884         | 786         | 668         | 675         | 848         | 901         | 719         | 957         | 853         | 693         | 614         | 739         | 855         | 888         | 919         | 898         | 689         | 703         | 1052        | 845         | 882         | 558         | 950         | 845         | 808                | 819         | 809 |
| FEBRUARY      | 486         | 627         | 590         | 736         | 624         | 708         | 765         | 506         | 532         | 571         | 545         | 550         | 657         | 669         | 708         | 574         | 683         | 756         | 628         | 614         | 839         | 564         | 546         | 634         | 651         | 860         | 642         | 442         | 421         | 625         | 631                | 591         |     |
| MARCH         | 387         | 428         | 541         | 602         | 540         | 385         | 617         | 316         | 499         | 585         | 352         | 565         | 451         | 358         | 365         | 513         | 454         | 280         | 486         | 417         | 533         | 393         | 172         | 637         | 458         | 390         | 305         | 400         | 493         | 446         | 422                | 397         |     |
| APRIL         | 287         | 99          | 239         | 301         | 193         | 181         | 291         | 309         | 222         | 132         | 254         | 150         | 152         | 160         | 225         | 212         | 107         | 286         | 187         | 228         | 128         | 150         | 142         | 220         | 140         | 129         | 156         | 71          | 297         | 195         | 179                | 163         |     |
| MAY           | 87          | 16          | 124         | 38          | 134         | 61          | 42          | 112         | 24          | 15          | 10          | 32          | 99          | 11          | 42          | 92          | 82          | 22          | 54          | 34          | 25          | 85          | 11          | 66          | 57          | 26          | 51          | 52          | 2           | 52          | 45                 | 33          |     |
| JUNE          | 0           | 0           | 8           | 3           | 0           | 2           | 3           | 9           | 10          | 0           | 5           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 5           | 0           | 0           | 0           | 0           | 0           | 2           | 1                  | 0           |     |
| JULY          | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0                  | 0           |     |
| AUGUST        | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0                  | 0           |     |
| SEPTEMBER     | 26          | 51          | 15          | 27          | 27          | 22          | 21          | 1           | 1           | 28          | 31          | 60          | 2           | 29          | 2           | 0           | 36          | 1           | 0           | 14          | 4           | 12          | 19          | 2           | 2           | 0           | 8           | 15          | 0           | 16          | 12                 | 6           |     |
| OCTOBER       | 209         | 172         | 235         | 199         | 162         | 197         | 176         | 226         | 108         | 191         | 148         | 263         | 126         | 206         | 68          | 191         | 278         | 113         | 235         | 232         | 165         | 226         | 227         | 170         | 163         | 147         | 50          | 172         | 191         | 181         | 177                | 140         |     |
| NOVEMBER      | 438         | 585         | 541         | 563         | 374         | 639         | 604         | 615         | 418         | 358         | 535         | 320         | 555         | 358         | 362         | 435         | 481         | 475         | 583         | 418         | 437         | 406         | 534         | 570         | 618         | 317         | 355         | 422         | 579         | 479         | 461                | 418         |     |
| DECEMBER      | 681         | 710         | 809         | 792         | 629         | 841         | 699         | 792         | 616         | 678         | 960         | 594         | 749         | 819         | 781         | 845         | 652         | 603         | 721         | 803         | 981         | 593         | 578         | 692         | 649         | 379         | 695         | 742         | 635         | 714         | 709                | 613         |     |
| <b>TOTALS</b> | <b>3290</b> | <b>3463</b> | <b>3901</b> | <b>3970</b> | <b>3713</b> | <b>3858</b> | <b>4102</b> | <b>3672</b> | <b>3098</b> | <b>3233</b> | <b>3688</b> | <b>3435</b> | <b>3510</b> | <b>3567</b> | <b>3406</b> | <b>3555</b> | <b>3387</b> | <b>3275</b> | <b>3749</b> | <b>3648</b> | <b>4031</b> | <b>3327</b> | <b>2923</b> | <b>3694</b> | <b>3790</b> | <b>3093</b> | <b>3144</b> | <b>2874</b> | <b>3568</b> | <b>3517</b> | <b>3456</b>        | <b>3170</b> |     |

### HEATING DEGREE DAY EXPLANATION

A heating degree day is defined as 65 degrees Fahrenheit minus the daily average of the high and low temperature.

For Example: Take the high for the day and the low for the day and calculate the average temperature.

If the average is below 65 you have a heating degree day.

If the average is above 65 you have a cooling degree day.

|                  |    |
|------------------|----|
| High for the day | 40 |
| Low for the day  | 20 |
| Total            | 60 |
|                  |    |
| Average          | 30 |

Heating Degree Day    65-30=35