

**Summary of Monthly Normals**  
**1991-2020**  
 Generated on 01/19/2022

| Temperature (°F) |           |           |      |                       |                       |                       |                     |      |      |      |     |     |                     |      |      |      |                     |           |           |           |           |          |
|------------------|-----------|-----------|------|-----------------------|-----------------------|-----------------------|---------------------|------|------|------|-----|-----|---------------------|------|------|------|---------------------|-----------|-----------|-----------|-----------|----------|
| Mean             |           |           |      |                       |                       |                       | Cooling Degree Days |      |      |      |     |     | Heating Degree Days |      |      |      | Mean Number of Days |           |           |           |           |          |
|                  |           |           |      |                       |                       |                       | Base (above)        |      |      |      |     |     | Base (above)        |      |      |      |                     |           |           |           |           |          |
| Month            | Daily Max | Daily Min | Mean | Long Term Max Std Dev | Long Term Min Std Dev | Long Term Avg Std Dev | 55                  | 57   | 60   | 65   | 70  | 72  | 55                  | 57   | 60   | 65   | Max >= 100          | Max >= 90 | Max >= 50 | Max <= 32 | Min <= 32 | Min <= 0 |
| 01               | 56        | 34        | 44.5 | 4                     | 4                     | 3                     | 13                  | 6    | 1    | 0    | 0   | 0   | 336                 | 392  | 480  | 634  | 0.0                 | 0.0       | 24.3      | 0.3       | 13        | 0        |
| 02               | 58        | 36        | 46.6 | 3                     | 4                     | 3                     | 15                  | 8    | 2    | 0    | 0   | 0   | 248                 | 298  | 376  | 514  | 0.0                 | 0.0       | 24.2      | 0.0       | 8         | 0        |
| 03               | 64        | 42        | 52.7 | 3                     | 3                     | 3                     | 65                  | 42   | 20   | 3    | 0   | 0   | 134                 | 174  | 244  | 382  | 0.0                 | 0.0       | 29.9      | 0.0       | 4         | 0        |
| 04               | 72        | 51        | 61.1 | 2                     | 3                     | 2                     | 204                 | 158  | 97   | 30   | 6   | 2   | 22                  | 36   | 66   | 148  | 0.0                 | 0.2       | 30.0      | 0.0       | 0         | 0        |
| 05               | 79        | 60        | 69.3 | 2                     | 3                     | 2                     | 442                 | 381  | 292  | 157  | 57  | 33  | 1                   | 1    | 5    | 26   | 0.0                 | 1.5       | 31.0      | 0.0       | 0         | 0        |
| 06               | 85        | 68        | 76.2 | 3                     | 2                     | 2                     | 636                 | 576  | 486  | 337  | 195 | 143 | 0                   | 0    | 0    | 1    | 0.0                 | 4.4       | 30.0      | 0.0       | 0         | 0        |
| 07               | 87        | 72        | 79.5 | 2                     | 2                     | 1                     | 759                 | 697  | 604  | 450  | 295 | 233 | 0                   | 0    | 0    | 0    | 0.1                 | 8.2       | 31.0      | 0.0       | 0         | 0        |
| 08               | 87        | 70        | 78.3 | 2                     | 2                     | 2                     | 721                 | 659  | 566  | 411  | 257 | 196 | 0                   | 0    | 0    | 0    | 0.0                 | 5.6       | 31.0      | 0.0       | 0         | 0        |
| 09               | 83        | 65        | 74.0 | 2                     | 2                     | 2                     | 570                 | 510  | 420  | 274  | 142 | 97  | 0                   | 0    | 1    | 4    | 0.0                 | 1.9       | 30.0      | 0.0       | 0         | 0        |
| 10               | 76        | 54        | 64.7 | 2                     | 3                     | 2                     | 312                 | 256  | 179  | 78   | 23  | 12  | 11                  | 17   | 34   | 88   | 0.0                 | 0.2       | 31.0      | 0.0       | 0         | 0        |
| 11               | 66        | 42        | 54.3 | 3                     | 4                     | 3                     | 86                  | 60   | 32   | 7    | 1   | 0   | 106                 | 141  | 202  | 328  | 0.0                 | 0.0       | 29.5      | 0.0       | 3         | 0        |
| 12               | 59        | 36        | 47.4 | 4                     | 5                     | 5                     | 26                  | 16   | 6    | 1    | 0   | 0   | 260                 | 312  | 395  | 545  | 0.0                 | 0.0       | 26.9      | 0.0       | 10        | 0        |
| Summary          | 72.7      | 52.5      | 62.4 | 2.7                   | 3.1                   | 2.5                   | 3849                | 3369 | 2705 | 1748 | 976 | 716 | 1118                | 1371 | 1803 | 2670 | 0.1                 | 22.0      | 348.8     | 0.3       | 38.0      | 0.0      |

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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| Precipitation (in.) |        |                     |         |         |         |  |      |      |
|---------------------|--------|---------------------|---------|---------|---------|--|------|------|
|                     | Totals | Mean Number of Days |         |         |         | Precipitation Probabilities<br>Probability that precipitation will be<br>equal to or less than<br>the indicated amount |      |      |
|                     | Means  | Daily Precipitation |         |         |         | Monthly Precipitation<br>vs. Probability Levels  |      |      |
| Month               | Mean   | >= 0.01             | >= 0.10 | >= 0.50 | >= 1.00 | 0.25   | 0.50 | 0.75 |
| 01                  | 3      |                     |         |         |         |  |      |      |
| 02                  | 4      |                     |         |         |         |  |      |      |
| 03                  | 4      |                     |         |         |         |  |      |      |
| 04                  | 3      |                     |         |         |         |  |      |      |
| 05                  | 4      |                     |         |         |         |  |      |      |
| 06                  | 5      |                     |         |         |         |  |      |      |
| 07                  | 7      |                     |         |         |         |  |      |      |
| 08                  | 6      |                     |         |         |         |  |      |      |
| 09                  | 7      |                     |         |         |         |  |      |      |
| 10                  | 4      |                     |         |         |         |  |      |      |
| 11                  | 3      |                     |         |         |         |  |      |      |
| 12                  | 4      |                     |         |         |         |  |      |      |
| Summary             | 54.00  | 0.0                 | 0.0     | 0.0     | 0.0     | 0.00   | 0.00 | 0.00 |

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## Summary of Monthly Normals 1991-2020

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| <b>Growing Degree Units (Monthly)</b>          |            |            |            |            |            |            |            |            |            |            |            |            |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>Base</b>                                    | <b>Jan</b> | <b>Feb</b> | <b>Mar</b> | <b>Apr</b> | <b>May</b> | <b>Jun</b> | <b>Jul</b> | <b>Aug</b> | <b>Sep</b> | <b>Oct</b> | <b>Nov</b> | <b>Dec</b> |
| 40   | 191        | 208        | 401        | 632        | 907        | 1086       | 1224       | 1186       | 1020       | 766        | 432        | 256        |
| 45   | 100        | 111        | 262        | 482        | 752        | 936        | 1069       | 1031       | 870        | 611        | 292        | 144        |
| 50   | 41         | 48         | 148        | 336        | 597        | 786        | 914        | 876        | 720        | 459        | 173        | 69         |
| 55   | 13         | 15         | 65         | 204        | 442        | 636        | 759        | 721        | 570        | 312        | 86         | 26         |
| 60   | 1          | 2          | 20         | 97         | 292        | 486        | 604        | 566        | 420        | 179        | 32         | 6          |
| <b>Growing Degree Units for Corn (Monthly)</b> |            |            |            |            |            |            |            |            |            |            |            |            |
| 50/86  | 114        | 124        | 230        | 383        | 598        | 768        | 880        | 851        | 713        | 484        | 267        | 153        |

| <b>Growing Degree Units (Accumulated Monthly)</b>          |            |            |            |            |            |            |            |            |            |            |            |            |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>Base</b>  | <b>Jan</b> | <b>Feb</b> | <b>Mar</b> | <b>Apr</b> | <b>May</b> | <b>Jun</b> | <b>Jul</b> | <b>Aug</b> | <b>Sep</b> | <b>Oct</b> | <b>Nov</b> | <b>Dec</b> |
| 40   | 191        | 399        | 800        | 1432       | 2339       | 3425       | 4649       | 5835       | 6855       | 7621       | 8053       | 8309       |
| 45   | 100        | 211        | 473        | 955        | 1707       | 2643       | 3712       | 4743       | 5613       | 6224       | 6516       | 6660       |
| 50   | 41         | 89         | 237        | 573        | 1170       | 1956       | 2870       | 3746       | 4466       | 4925       | 5098       | 5167       |
| 55   | 13         | 28         | 93         | 297        | 739        | 1375       | 2134       | 2855       | 3425       | 3737       | 3823       | 3849       |
| 60   | 1          | 3          | 23         | 120        | 412        | 898        | 1502       | 2068       | 2488       | 2667       | 2699       | 2705       |
| <b>Growing Degree Units for Corn (Monthly Accumulated)</b> |            |            |            |            |            |            |            |            |            |            |            |            |
| 50/86  | 114        | 238        | 468        | 851        | 1449       | 2217       | 3097       | 3948       | 4661       | 5145       | 5412       | 5565       |

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.

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