

Summary of Monthly Normals
1991-2020
 Generated on 08/02/2021

| 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 | 58.6 | 34.5 | 46.5 | 3.2 | 2.3 | 2.3 | 6.9 | 3.1 | 0.7 | 0.0 | 0.0 | 0.0 | 268.8 | 327.0 | 417.6 | 571.9 | 0.0 | 0.0 | 27.3 | 0.1 | 14.5 | 0.0 |
| 02 | 64.1 | 38.9 | 51.5 | 3.6 | 3.2 | 2.9 | 36.6 | 22.5 | 9.1 | 1.0 | 0.1 | 0.0 | 134.6 | 176.5 | 247.1 | 379.0 | 0.0 | 0.0 | 26.8 | 0.1 | 6.5 | 0.0 |
| 03 | 71.9 | 45.5 | 58.7 | 2.9 | 2.3 | 2.4 | 161.5 | 120.9 | 70.9 | 20.0 | 2.9 | 0.9 | 46.8 | 68.1 | 111.2 | 215.3 | 0.0 | 0.1 | 30.8 | 0.0 | 1.9 | 0.0 |
| 04 | 80.0 | 53.3 | 66.6 | 2.8 | 2.4 | 2.5 | 355.1 | 299.3 | 221.1 | 111.9 | 38.7 | 21.6 | 5.6 | 9.8 | 21.6 | 62.4 | 0.0 | 2.4 | 29.9 | 0.0 | 0.0 | 0.0 |
| 05 | 88.7 | 62.1 | 75.4 | 2.7 | 2.4 | 2.4 | 632.6 | 570.8 | 478.7 | 328.8 | 191.6 | 144.2 | 0.1 | 0.3 | 1.3 | 6.4 | 1.1 | 15.9 | 31.0 | 0.0 | 0.0 | 0.0 |
| 06 | 97.1 | 70.6 | 83.9 | 2.6 | 2.4 | 2.4 | 865.3 | 805.3 | 715.3 | 565.4 | 415.7 | 356.3 | 0.0 | 0.0 | 0.0 | 0.0 | 11.2 | 27.2 | 30.0 | 0.0 | 0.0 | 0.0 |
| 07 | 95.8 | 73.0 | 84.4 | 2.9 | 1.6 | 2.2 | 911.4 | 849.4 | 756.4 | 601.4 | 446.5 | 384.6 | 0.0 | 0.0 | 0.0 | 0.0 | 8.9 | 27.5 | 31.0 | 0.0 | 0.0 | 0.0 |
| 08 | 94.0 | 71.8 | 82.9 | 3.2 | 2.0 | 2.5 | 864.8 | 802.8 | 709.8 | 554.8 | 399.9 | 338.2 | 0.0 | 0.0 | 0.0 | 0.0 | 4.9 | 25.6 | 31.0 | 0.0 | 0.0 | 0.0 |
| 09 | 88.3 | 65.4 | 76.9 | 2.9 | 2.2 | 2.4 | 655.6 | 595.8 | 506.2 | 358.2 | 217.5 | 165.9 | 0.1 | 0.3 | 0.7 | 2.7 | 0.5 | 15.3 | 30.0 | 0.0 | 0.0 | 0.0 |
| 10 | 79.4 | 54.0 | 66.7 | 2.8 | 2.1 | 1.9 | 371.6 | 314.1 | 231.9 | 114.1 | 37.6 | 19.5 | 9.0 | 13.5 | 24.2 | 61.5 | 0.0 | 2.7 | 30.9 | 0.0 | 0.4 | 0.0 |
| 11 | 67.0 | 42.0 | 54.5 | 3.8 | 2.7 | 3.0 | 81.7 | 55.2 | 28.0 | 6.2 | 0.6 | 0.2 | 96.7 | 130.1 | 193.0 | 321.2 | 0.0 | 0.0 | 29.0 | 0.0 | 4.7 | 0.0 |
| 12 | 57.8 | 34.4 | 46.1 | 3.1 | 2.3 | 2.3 | 9.5 | 4.4 | 1.1 | 0.0 | 0.0 | 0.0 | 285.3 | 342.2 | 431.8 | 585.8 | 0.0 | 0.0 | 26.5 | 0.1 | 14.0 | 0.0 |
| Summary | 78.6 | 53.8 | 66.2 | 3.0 | 2.3 | 2.4 | 4953 | 4444 | 3729 | 2662 | 1751 | 1431 | 847 | 1068 | 1449 | 2206 | 26.6 | 116.7 | 354.2 | 0.3 | 42.0 | 0.0 |

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

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1991-2020
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| Precipitation (in.) | | | | | | | | |
|---------------------|--------|---------------------|---------|---------|---------|--|------|-------|
| | Totals | Mean Number of Days | | | | Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount | | |
| | Means | Daily Precipitation | | | | Monthly Precipitation vs. Probability Levels | | |
| Month | Mean | >= 0.01 | >= 0.10 | >= 0.50 | >= 1.00 | 0.25 | 0.50 | 0.75 |
| 01 | 0.39 | 3.3 | 1.4 | 0.1 | 0.0 | 0.04 | 0.20 | 0.66 |
| 02 | 0.40 | 3.1 | 1.1 | 0.1 | 0.0 | 0.08 | 0.19 | 0.60 |
| 03 | 0.24 | 2.1 | 0.7 | 0.1 | 0.0 | 0.01 | 0.08 | 0.34 |
| 04 | 0.17 | 1.4 | 0.6 | 0.0 | 0.0 | 0.00 | 0.06 | 0.27 |
| 05 | 0.43 | 2.4 | 1.1 | 0.3 | 0.1 | 0.01 | 0.17 | 0.53 |
| 06 | 0.73 | 3.4 | 1.7 | 0.5 | 0.1 | 0.26 | 0.43 | 1.11 |
| 07 | 1.58 | 8.1 | 3.6 | 0.9 | 0.3 | 0.65 | 1.42 | 2.31 |
| 08 | 1.67 | 7.8 | 3.6 | 0.9 | 0.3 | 0.67 | 1.29 | 2.05 |
| 09 | 1.52 | 5.5 | 2.9 | 1.0 | 0.4 | 0.51 | 1.37 | 1.91 |
| 10 | 0.59 | 4.1 | 1.7 | 0.3 | 0.1 | 0.09 | 0.20 | 0.90 |
| 11 | 0.43 | 2.6 | 1.3 | 0.1 | 0.0 | 0.07 | 0.28 | 0.53 |
| 12 | 0.63 | 3.8 | 2.0 | 0.2 | 0.0 | 0.14 | 0.43 | 0.82 |
| Summary | 8.78 | 47.6 | 21.7 | 4.5 | 1.3 | 2.53 | 6.12 | 12.03 |

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Summary of Monthly Normals 1991-2020

Generated on 08/02/2021

| Snow (in.) | | | | | | | | | | | | | |
|------------|------------------|------------------------|-----|-----|------|-------|--------------------------|-----|-----|-----|---|-----|-----|
| | Totals | Mean Number of Days | | | | | | | | | Snow Probabilities Probability that snow will be equal to or less than the indicated amount | | |
| | Means | Snowfall >= Thresholds | | | | | Snow Depth >= Thresholds | | | | Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution. | | |
| Month | Snowfall Mean | 0.01 | 1.0 | 3.0 | 5.00 | 10.00 | 1 | 3 | 5 | 10 | .25 | .50 | .75 |
| 01 | 0.8 | 0.7 | 0.3 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 |
| 02 | 0.2 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 03 | 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 |
| 04 | 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 |
| 05 | 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 |
| 06 | 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 |
| 07 | 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 |
| 08 | 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 |
| 09 | 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 |
| 10 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11 | 0.5 | 0.2 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12 | 1.3 | 0.8 | 0.4 | 0.1 | 0.1 | 0.0 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 1.6 |
| Summary | 2.8 | 2.1 | 0.9 | 0.2 | 0.2 | 0.0 | 0.9 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 2.2 |

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Summary of Monthly Normals 1991-2020

Generated on 08/02/2021

| Growing Degree Units (Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 220.5 | 327.1 | 580.3 | 799.5 | 1097.4 | 1315.3 | 1376.4 | 1329.8 | 1105.5 | 827.8 | 438.0 | 209.6 |
| 45 | 105.5 | 200.6 | 427.8 | 649.6 | 942.4 | 1165.4 | 1221.4 | 1174.8 | 955.5 | 673.4 | 298.0 | 102.5 |
| 50 | 35.4 | 99.8 | 283.7 | 500.8 | 787.5 | 1015.3 | 1066.4 | 1019.8 | 805.5 | 520.6 | 174.2 | 38.1 |
| 55 | 6.9 | 36.6 | 161.5 | 355.1 | 632.6 | 865.3 | 911.4 | 864.8 | 655.6 | 371.6 | 81.7 | 9.5 |
| 60 | 0.7 | 9.1 | 70.9 | 221.1 | 478.7 | 715.3 | 756.4 | 709.8 | 506.2 | 231.9 | 28.0 | 1.1 |
| Growing Degree Units for Corn (Monthly) | | | | | | | | | | | | |
| 50/86 | 145.3 | 203.7 | 360.3 | 516.3 | 719.3 | 847.2 | 911.7 | 891.8 | 745.7 | 533.4 | 267.1 | 134.2 |

| Growing Degree Units (Accumulated Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 220 | 548 | 1128 | 1927 | 3025 | 4340 | 5716 | 7046 | 8152 | 8980 | 9418 | 9627 |
| 45 | 106 | 306 | 734 | 1384 | 2326 | 3491 | 4713 | 5888 | 6843 | 7516 | 7814 | 7917 |
| 50 | 35 | 135 | 419 | 920 | 1707 | 2722 | 3789 | 4809 | 5614 | 6135 | 6309 | 6347 |
| 55 | 7 | 44 | 205 | 560 | 1193 | 2058 | 2969 | 3834 | 4490 | 4861 | 4943 | 4953 |
| 60 | 1 | 10 | 81 | 302 | 780 | 1496 | 2252 | 2962 | 3468 | 3700 | 3728 | 3729 |
| Growing Degree Units for Corn (Monthly Accumulated) | | | | | | | | | | | | |
| 50/86 | 145 | 349 | 709 | 1226 | 1945 | 2792 | 3704 | 4596 | 5341 | 5875 | 6142 | 6276 |

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

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