

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 | 29.8 | 10.0 | 19.9 | 5.0 | 7.3 | 6.0 | 0.6 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 | 1088.5 | 1150.3 | 1243.0 | 1397.9 | 0.0 | 0.0 | 1.9 | 16.9 | 28.2 | 9.1 |
| 02 | 31.4 | 10.7 | 21.1 | 4.8 | 6.6 | 5.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 950.5 | 1006.5 | 1090.5 | 1230.5 | 0.0 | 0.0 | 1.8 | 14.4 | 26.0 | 7.1 |
| 03 | 40.0 | 20.7 | 30.4 | 4.5 | 4.9 | 4.6 | 1.6 | 1.0 | 0.3 | 0.0 | 0.0 | 0.0 | 765.7 | 827.1 | 919.5 | 1074.1 | 0.0 | 0.0 | 6.3 | 7.5 | 25.3 | 2.6 |
| 04 | 53.7 | 32.5 | 43.1 | 3.3 | 2.6 | 2.7 | 16.0 | 10.6 | 5.2 | 1.1 | 0.0 | 0.0 | 373.0 | 427.6 | 512.2 | 658.1 | 0.0 | 0.0 | 19.2 | 0.4 | 15.6 | 0.0 |
| 05 | 66.2 | 43.7 | 55.0 | 3.7 | 2.6 | 2.9 | 100.8 | 74.0 | 43.7 | 14.4 | 2.5 | 0.9 | 102.4 | 137.6 | 200.3 | 326.0 | 0.0 | 0.0 | 30.0 | 0.0 | 2.9 | 0.0 |
| 06 | 74.5 | 53.1 | 63.8 | 2.4 | 2.2 | 2.0 | 271.9 | 219.3 | 149.3 | 64.4 | 19.4 | 10.7 | 8.0 | 15.3 | 35.3 | 100.5 | 0.0 | 0.5 | 30.0 | 0.0 | 0.0 | 0.0 |
| 07 | 79.2 | 58.8 | 69.0 | 2.9 | 2.4 | 2.5 | 434.0 | 372.3 | 281.7 | 146.2 | 52.9 | 31.1 | 0.1 | 0.3 | 2.8 | 22.3 | 0.0 | 1.0 | 31.0 | 0.0 | 0.0 | 0.0 |
| 08 | 78.2 | 56.7 | 67.5 | 2.3 | 2.0 | 2.0 | 386.7 | 326.3 | 239.1 | 115.9 | 36.5 | 19.3 | 0.8 | 2.4 | 8.2 | 40.0 | 0.0 | 0.7 | 31.0 | 0.0 | 0.0 | 0.0 |
| 09 | 71.2 | 48.8 | 60.0 | 2.4 | 2.6 | 2.2 | 189.9 | 148.3 | 97.1 | 39.7 | 11.2 | 5.8 | 40.0 | 58.4 | 97.2 | 189.8 | 0.0 | 0.1 | 29.9 | 0.0 | 1.2 | 0.0 |
| 10 | 58.4 | 39.2 | 48.8 | 2.9 | 3.1 | 2.8 | 41.1 | 27.3 | 14.1 | 3.8 | 0.5 | 0.1 | 233.3 | 281.6 | 361.3 | 506.0 | 0.0 | 0.0 | 25.5 | 0.0 | 8.3 | 0.0 |
| 11 | 46.6 | 29.5 | 38.0 | 4.2 | 3.4 | 3.6 | 4.9 | 2.4 | 0.6 | 0.1 | 0.0 | 0.0 | 513.4 | 570.9 | 659.1 | 808.6 | 0.0 | 0.0 | 11.4 | 2.0 | 18.1 | 0.2 |
| 12 | 35.5 | 19.0 | 27.3 | 4.4 | 5.5 | 4.9 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 860.3 | 922.2 | 1015.2 | 1170.2 | 0.0 | 0.0 | 3.3 | 10.9 | 25.7 | 3.5 |
| Summary | 55.4 | 35.2 | 45.3 | 3.6 | 3.8 | 3.5 | 1448 | 1182 | 831 | 386 | 123 | 68 | 4936 | 5400 | 6145 | 7524 | 0.0 | 2.3 | 221.3 | 52.1 | 151.3 | 22.5 |

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

Summary of Monthly Normals 1991-2020

Generated on 08/02/2021

| 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 | 2.86 | 16.4 | 7.5 | 1.4 | 0.2 | 1.80 | 2.32 | 3.59 |
| 02 | 2.18 | 13.7 | 6.0 | 1.1 | 0.2 | 1.77 | 2.10 | 2.41 |
| 03 | 2.37 | 12.5 | 6.3 | 1.2 | 0.2 | 1.62 | 2.16 | 2.64 |
| 04 | 3.07 | 13.0 | 7.5 | 1.9 | 0.5 | 1.82 | 3.18 | 4.26 |
| 05 | 2.97 | 13.0 | 7.6 | 1.6 | 0.3 | 1.68 | 2.58 | 4.47 |
| 06 | 3.09 | 12.3 | 7.3 | 1.8 | 0.4 | 1.89 | 2.95 | 3.65 |
| 07 | 3.01 | 10.6 | 6.2 | 2.0 | 0.7 | 1.80 | 3.20 | 4.07 |
| 08 | 3.20 | 10.5 | 6.4 | 2.0 | 0.7 | 1.94 | 3.16 | 4.08 |
| 09 | 3.56 | 10.8 | 6.8 | 2.2 | 0.6 | 2.75 | 3.29 | 4.43 |
| 10 | 4.22 | 14.4 | 8.7 | 2.7 | 0.9 | 2.83 | 3.66 | 4.87 |
| 11 | 3.40 | 14.4 | 8.5 | 1.9 | 0.4 | 2.54 | 3.21 | 4.10 |
| 12 | 3.14 | 16.3 | 8.4 | 1.8 | 0.3 | 2.32 | 3.20 | 3.69 |
| Summary | 37.07 | 157.9 | 87.2 | 21.6 | 5.4 | 24.76 | 35.01 | 46.26 |

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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 | 9.3 | 5.8 | 34.0 | 156.7 | 464.8 | 714.0 | 898.9 | 850.9 | 600.2 | 292.2 | 90.0 | 18.4 |
| 45 | 3.0 | 1.4 | 13.7 | 81.4 | 318.0 | 564.1 | 743.9 | 695.9 | 452.4 | 177.5 | 42.9 | 5.4 |
| 50 | 1.2 | 0.1 | 4.9 | 38.7 | 192.8 | 415.0 | 588.8 | 540.9 | 312.4 | 93.0 | 17.6 | 1.2 |
| 55 | 0.6 | 0.0 | 1.6 | 16.0 | 100.8 | 271.9 | 434.0 | 386.7 | 189.9 | 41.1 | 4.9 | 0.1 |
| 60 | 0.1 | 0.0 | 0.3 | 5.2 | 43.7 | 149.3 | 281.7 | 239.1 | 97.1 | 14.1 | 0.6 | 0.0 |
| Growing Degree Units for Corn (Monthly) | | | | | | | | | | | | |
| 50/86 | 4.0 | 3.4 | 21.9 | 99.3 | 272.7 | 441.3 | 591.1 | 551.8 | 368.3 | 154.8 | 44.0 | 7.2 |

| Growing Degree Units (Accumulated Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 9 | 15 | 49 | 206 | 671 | 1385 | 2284 | 3134 | 3735 | 4027 | 4117 | 4135 |
| 45 | 3 | 4 | 18 | 100 | 418 | 982 | 1726 | 2421 | 2874 | 3051 | 3094 | 3100 |
| 50 | 1 | 1 | 6 | 45 | 238 | 653 | 1242 | 1782 | 2095 | 2188 | 2205 | 2207 |
| 55 | 1 | 1 | 2 | 18 | 119 | 391 | 825 | 1212 | 1402 | 1443 | 1448 | 1448 |
| 60 | 0 | 0 | 0 | 6 | 49 | 199 | 480 | 719 | 816 | 831 | 831 | 831 |
| Growing Degree Units for Corn (Monthly Accumulated) | | | | | | | | | | | | |
| 50/86 | 4 | 7 | 29 | 129 | 401 | 843 | 1434 | 1985 | 2354 | 2509 | 2553 | 2560 |

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

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