

Summary of Monthly Normals
1991-2020
 Generated on 06/30/2022

| 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 | 58.1 | 37.1 | 47.6 | 3.8 | 4.6 | 4.1 | 40.0 | 27.7 | 13.8 | 2.4 | 0.2 | 0.0 | 269.2 | 318.9 | 398.1 | 541.6 | 0.0 | 0.0 | 24.5 | 0.3 | 11.3 | 0.0 |
| 02 | 62.6 | 40.5 | 51.5 | 3.9 | 4.4 | 4.0 | 63.0 | 44.9 | 24.8 | 6.3 | 0.5 | 0.1 | 159.5 | 197.4 | 261.4 | 382.8 | 0.0 | 0.0 | 24.9 | 0.1 | 7.3 | 0.0 |
| 03 | 69.9 | 46.1 | 58.0 | 4.2 | 4.3 | 4.1 | 165.5 | 127.6 | 80.6 | 28.6 | 5.2 | 1.7 | 72.5 | 96.7 | 142.6 | 245.7 | 0.0 | 0.0 | 30.0 | 0.0 | 2.5 | 0.0 |
| 04 | 76.8 | 52.5 | 64.6 | 2.4 | 2.9 | 2.5 | 302.1 | 249.1 | 176.2 | 79.7 | 22.6 | 10.5 | 12.5 | 19.5 | 36.6 | 90.2 | 0.0 | 0.0 | 30.0 | 0.0 | 0.1 | 0.0 |
| 05 | 83.8 | 61.1 | 72.5 | 2.1 | 2.6 | 2.0 | 541.2 | 479.6 | 388.4 | 244.5 | 120.2 | 79.7 | 0.3 | 0.7 | 2.5 | 13.6 | 0.0 | 4.6 | 31.0 | 0.0 | 0.0 | 0.0 |
| 06 | 88.6 | 68.7 | 78.7 | 2.7 | 1.2 | 1.8 | 709.4 | 649.4 | 559.4 | 409.5 | 261.1 | 203.3 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 13.8 | 30.0 | 0.0 | 0.0 | 0.0 |
| 07 | 90.6 | 71.1 | 80.9 | 2.3 | 1.1 | 1.6 | 801.3 | 739.3 | 646.3 | 491.3 | 336.3 | 274.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 20.6 | 31.0 | 0.0 | 0.0 | 0.0 |
| 08 | 89.9 | 70.7 | 80.3 | 2.4 | 1.6 | 1.9 | 784.2 | 722.2 | 629.2 | 474.3 | 319.4 | 258.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 18.1 | 31.0 | 0.0 | 0.0 | 0.0 |
| 09 | 86.6 | 66.3 | 76.4 | 2.5 | 2.2 | 2.1 | 643.4 | 583.4 | 493.5 | 345.3 | 205.4 | 154.5 | 0.0 | 0.0 | 0.1 | 1.9 | 0.0 | 9.8 | 30.0 | 0.0 | 0.0 | 0.0 |
| 10 | 78.1 | 55.6 | 66.9 | 2.3 | 3.2 | 2.4 | 376.4 | 319.9 | 240.1 | 127.0 | 49.1 | 29.5 | 9.0 | 14.6 | 27.7 | 69.7 | 0.0 | 0.7 | 31.0 | 0.0 | 0.0 | 0.0 |
| 11 | 67.9 | 44.8 | 56.3 | 3.7 | 4.1 | 3.7 | 127.8 | 97.0 | 59.5 | 19.8 | 3.6 | 1.1 | 87.2 | 116.3 | 168.9 | 279.2 | 0.0 | 0.0 | 29.1 | 0.0 | 3.2 | 0.0 |
| 12 | 60.7 | 39.8 | 50.2 | 3.8 | 4.3 | 3.9 | 60.3 | 42.6 | 22.7 | 5.4 | 0.8 | 0.2 | 207.5 | 251.8 | 324.9 | 462.6 | 0.0 | 0.0 | 26.4 | 0.0 | 8.9 | 0.0 |
| Summary | 76.1 | 54.5 | 65.3 | 3.0 | 3.0 | 2.8 | 4615 | 4083 | 3334 | 2234 | 1324 | 1013 | 818 | 1016 | 1363 | 2087 | 0.9 | 67.6 | 348.9 | 0.4 | 33.3 | 0.0 |

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

Summary of Monthly Normals 1991-2020

Generated on 06/30/2022

| 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 | 4.54 | 9.0 | 6.2 | 3.1 | 1.7 | 2.67 | 3.85 | 5.92 |
| 02 | 3.91 | 8.0 | 5.5 | 2.9 | 1.3 | 2.31 | 3.94 | 4.96 |
| 03 | 4.83 | 7.2 | 5.7 | 3.2 | 1.9 | 3.06 | 4.70 | 5.97 |
| 04 | 4.60 | 6.5 | 5.4 | 3.0 | 1.5 | 2.86 | 4.47 | 5.96 |
| 05 | 3.54 | 6.8 | 4.9 | 2.4 | 1.1 | 1.57 | 3.37 | 5.08 |
| 06 | 5.11 | 9.3 | 7.3 | 3.9 | 1.7 | 2.92 | 4.30 | 6.59 |
| 07 | 5.33 | 10.6 | 8.0 | 4.0 | 1.7 | 3.09 | 4.69 | 6.39 |
| 08 | 4.92 | 9.3 | 6.7 | 3.2 | 1.4 | 2.98 | 3.98 | 6.05 |
| 09 | 3.91 | 6.6 | 5.0 | 2.4 | 1.2 | 1.81 | 3.38 | 4.46 |
| 10 | 3.34 | 5.1 | 4.2 | 1.8 | 1.1 | 0.87 | 2.79 | 4.25 |
| 11 | 3.80 | 6.6 | 4.8 | 2.7 | 1.4 | 2.77 | 3.45 | 4.38 |
| 12 | 4.96 | 9.0 | 6.3 | 3.4 | 1.7 | 2.82 | 4.36 | 5.88 |
| Summary | 52.79 | 94.0 | 70.0 | 36.0 | 17.7 | 29.73 | 47.28 | 65.89 |

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Summary of Monthly Normals 1991-2020

Generated on 06/30/2022

| Growing Degree Units (Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 273.0 | 337.1 | 561.1 | 739.6 | 1005.9 | 1159.4 | 1266.3 | 1249.2 | 1093.4 | 832.5 | 493.4 | 334.7 |
| 45 | 163.6 | 220.0 | 413.3 | 590.2 | 850.9 | 1009.4 | 1111.3 | 1094.2 | 943.3 | 677.9 | 352.9 | 212.6 |
| 50 | 87.0 | 127.0 | 278.2 | 443.0 | 695.9 | 859.4 | 956.3 | 939.2 | 793.3 | 524.8 | 227.2 | 121.7 |
| 55 | 40.0 | 63.0 | 165.5 | 302.1 | 541.2 | 709.4 | 801.3 | 784.2 | 643.4 | 376.4 | 127.8 | 60.3 |
| 60 | 13.8 | 24.8 | 80.6 | 176.2 | 388.4 | 559.4 | 646.3 | 629.2 | 493.5 | 240.1 | 59.5 | 22.7 |
| Growing Degree Units for Corn (Monthly) | | | | | | | | | | | | |
| 50/86 | 156.2 | 199.8 | 345.6 | 471.5 | 680.4 | 805.8 | 879.9 | 870.5 | 755.7 | 542.4 | 300.0 | 194.2 |

| Growing Degree Units (Accumulated Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 273 | 610 | 1171 | 1911 | 2917 | 4076 | 5342 | 6592 | 7685 | 8518 | 9011 | 9346 |
| 45 | 164 | 384 | 797 | 1387 | 2238 | 3247 | 4359 | 5453 | 6396 | 7074 | 7427 | 7640 |
| 50 | 87 | 214 | 492 | 935 | 1631 | 2490 | 3447 | 4386 | 5179 | 5704 | 5931 | 6053 |
| 55 | 40 | 103 | 268 | 571 | 1112 | 1821 | 2622 | 3407 | 4050 | 4426 | 4554 | 4615 |
| 60 | 14 | 39 | 119 | 295 | 684 | 1243 | 1889 | 2519 | 3012 | 3252 | 3312 | 3334 |
| Growing Degree Units for Corn (Monthly Accumulated) | | | | | | | | | | | | |
| 50/86 | 156 | 356 | 702 | 1173 | 1854 | 2659 | 3539 | 4410 | 5165 | 5708 | 6008 | 6202 |

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

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