

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 | 19.5 | 1.6 | 10.6 | 6.3 | 6.6 | 6.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1377.7 | 1439.7 | 1532.8 | 1687.8 | 0.0 | 0.0 | 0.2 | 23.8 | 31.0 | 15.5 |
| 02 | 24.3 | 5.1 | 14.7 | 8.4 | 9.2 | 8.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1128.2 | 1184.2 | 1268.3 | 1408.3 | 0.0 | 0.0 | 0.8 | 18.8 | 27.9 | 12.9 |
| 03 | 36.7 | 17.2 | 27.0 | 6.8 | 6.0 | 6.3 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 869.9 | 931.7 | 1024.6 | 1179.6 | 0.0 | 0.0 | 5.8 | 11.4 | 29.6 | 4.3 |
| 04 | 52.8 | 29.7 | 41.3 | 5.5 | 3.6 | 4.4 | 10.1 | 5.9 | 2.5 | 0.2 | 0.0 | 0.0 | 422.7 | 478.5 | 565.0 | 712.8 | 0.0 | 0.0 | 18.4 | 2.1 | 20.6 | 0.1 |
| 05 | 65.8 | 42.4 | 54.1 | 3.4 | 2.6 | 2.7 | 99.5 | 72.3 | 40.7 | 12.1 | 2.6 | 1.1 | 127.5 | 162.3 | 223.7 | 350.0 | 0.0 | 0.2 | 28.5 | 0.1 | 5.9 | 0.0 |
| 06 | 74.5 | 53.1 | 63.8 | 3.4 | 2.3 | 2.6 | 276.3 | 224.7 | 154.7 | 65.5 | 18.1 | 9.4 | 12.4 | 20.8 | 40.7 | 101.5 | 0.0 | 0.9 | 29.9 | 0.0 | 0.2 | 0.0 |
| 07 | 81.3 | 58.3 | 69.8 | 3.9 | 2.6 | 3.0 | 459.3 | 398.6 | 309.2 | 173.5 | 72.3 | 45.2 | 0.7 | 1.9 | 5.5 | 24.8 | 0.2 | 4.3 | 31.0 | 0.0 | 0.0 | 0.0 |
| 08 | 81.2 | 55.9 | 68.5 | 2.9 | 2.2 | 2.3 | 422.2 | 362.4 | 276.3 | 151.3 | 61.0 | 37.8 | 2.3 | 4.5 | 11.4 | 41.4 | 0.3 | 5.1 | 31.0 | 0.0 | 0.0 | 0.0 |
| 09 | 71.3 | 46.4 | 58.9 | 3.7 | 2.3 | 2.8 | 175.5 | 137.6 | 90.5 | 36.6 | 9.1 | 4.4 | 60.1 | 82.3 | 125.1 | 221.1 | 0.0 | 1.3 | 29.2 | 0.0 | 2.0 | 0.0 |
| 10 | 55.0 | 33.1 | 44.1 | 4.6 | 3.0 | 3.5 | 22.6 | 14.9 | 7.2 | 1.8 | 0.5 | 0.2 | 362.0 | 416.3 | 501.6 | 651.2 | 0.0 | 0.1 | 20.1 | 1.4 | 17.2 | 0.0 |
| 11 | 37.9 | 19.9 | 28.9 | 7.1 | 4.9 | 5.7 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 783.2 | 843.0 | 933.0 | 1083.0 | 0.0 | 0.0 | 6.2 | 10.3 | 28.3 | 2.4 |
| 12 | 25.0 | 8.5 | 16.7 | 7.2 | 6.6 | 6.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1185.6 | 1247.6 | 1340.6 | 1495.6 | 0.0 | 0.0 | 0.5 | 20.8 | 30.9 | 10.2 |
| Summary | 52.1 | 30.9 | 41.5 | 5.3 | 4.3 | 4.6 | 1466 | 1217 | 881 | 441 | 164 | 98 | 6332 | 6813 | 7572 | 8957 | 0.5 | 11.9 | 201.6 | 88.7 | 193.6 | 45.4 |

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 | 0.43 | 4.4 | 1.6 | 0.0 | 0.0 | 0.23 | 0.40 | 0.58 |
| 02 | 0.36 | 4.0 | 1.4 | 0.1 | 0.0 | 0.19 | 0.26 | 0.42 |
| 03 | 0.67 | 5.3 | 1.9 | 0.3 | 0.1 | 0.21 | 0.51 | 0.92 |
| 04 | 1.23 | 7.1 | 3.8 | 0.6 | 0.1 | 0.70 | 1.09 | 1.64 |
| 05 | 2.82 | 9.8 | 5.7 | 1.8 | 0.5 | 1.52 | 2.41 | 3.80 |
| 06 | 3.78 | 10.9 | 7.0 | 2.3 | 0.8 | 2.21 | 3.49 | 4.39 |
| 07 | 2.73 | 8.7 | 5.5 | 1.8 | 0.5 | 1.59 | 2.24 | 3.45 |
| 08 | 2.11 | 7.3 | 4.2 | 1.4 | 0.6 | 0.95 | 1.34 | 2.96 |
| 09 | 1.68 | 6.7 | 3.5 | 1.0 | 0.3 | 0.70 | 1.35 | 2.09 |
| 10 | 1.29 | 6.2 | 3.0 | 0.6 | 0.1 | 0.46 | 0.86 | 1.45 |
| 11 | 0.63 | 4.6 | 2.1 | 0.2 | 0.0 | 0.14 | 0.55 | 1.00 |
| 12 | 0.45 | 4.6 | 2.0 | 0.1 | 0.0 | 0.17 | 0.37 | 0.61 |
| Summary | 18.18 | 79.6 | 41.7 | 10.2 | 3.0 | 9.07 | 14.87 | 23.31 |

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Summary of Monthly Normals
1991-2020
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| 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 | 6.80 | 4.2 | 3.1 | 0.9 | 0.2 | 0.0 | | | | | 3.10 | 5.00 | 8.90 |
| 02 | 6.20 | 3.9 | 2.7 | 0.4 | 0.3 | 0.0 | | | | | 3.20 | 4.70 | 8.00 |
| 03 | 7.40 | 3.1 | 2.3 | 0.9 | 0.2 | 0.1 | | | | | 2.00 | 5.00 | 9.50 |
| 04 | 2.90 | 1.3 | 1.2 | 0.5 | 0.2 | 0.1 | | | | | 0.00 | 1.00 | 3.00 |
| 05 | 1.30 | 0.4 | 0.3 | 0.3 | 0.1 | 0.0 | | | | | 0.00 | 0.00 | 0.50 |
| 06 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | 0.00 | 0.00 | 0.00 |
| 07 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | 0.00 | 0.00 | 0.00 |
| 08 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | 0.00 | 0.00 | 0.00 |
| 09 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | 0.00 | 0.00 | 0.00 |
| 10 | 2.50 | 1.0 | 1.0 | 0.4 | 0.1 | 0.0 | | | | | 0.00 | 1.80 | 3.00 |
| 11 | 5.70 | 2.8 | 2.3 | 0.9 | 0.2 | 0.0 | | | | | 0.80 | 6.00 | 10.50 |
| 12 | 9.90 | 4.6 | 3.5 | 0.9 | 0.4 | 0.0 | | | | | 3.90 | 6.10 | 10.40 |
| Summary | 42.7 | 21.3 | 16.4 | 5.2 | 1.7 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 13.0 | 29.6 | 53.8 |

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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 | 0.2 | 1.9 | 25.3 | 145.0 | 445.3 | 713.9 | 923.6 | 884.9 | 567.3 | 201.7 | 26.3 | 1.0 |
| 45 | 0.0 | 0.5 | 9.3 | 74.7 | 307.4 | 564.3 | 768.6 | 729.9 | 423.0 | 114.7 | 8.8 | 0.0 |
| 50 | 0.0 | 0.0 | 2.3 | 30.9 | 189.1 | 416.8 | 613.7 | 575.3 | 288.7 | 55.5 | 2.5 | 0.0 |
| 55 | 0.0 | 0.0 | 0.3 | 10.1 | 99.5 | 276.3 | 459.3 | 422.2 | 175.5 | 22.6 | 0.2 | 0.0 |
| 60 | 0.0 | 0.0 | 0.0 | 2.5 | 40.7 | 154.7 | 309.2 | 276.3 | 90.5 | 7.2 | 0.0 | 0.0 |
| Growing Degree Units for Corn (Monthly) | | | | | | | | | | | | |
| 50/86 | 0.2 | 1.5 | 22.6 | 106.2 | 263.7 | 430.9 | 599.1 | 564.2 | 341.2 | 129.7 | 22.3 | 0.7 |

| Growing Degree Units (Accumulated Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 0 | 2 | 27 | 172 | 618 | 1332 | 2255 | 3140 | 3707 | 3909 | 3935 | 3936 |
| 45 | 0 | 0 | 10 | 84 | 392 | 956 | 1725 | 2455 | 2878 | 2992 | 3001 | 3001 |
| 50 | 0 | 0 | 2 | 33 | 222 | 639 | 1253 | 1828 | 2117 | 2172 | 2175 | 2175 |
| 55 | 0 | 0 | 0 | 10 | 110 | 386 | 846 | 1268 | 1443 | 1466 | 1466 | 1466 |
| 60 | 0 | 0 | 0 | 2 | 43 | 198 | 507 | 783 | 874 | 881 | 881 | 881 |
| Growing Degree Units for Corn (Monthly Accumulated) | | | | | | | | | | | | |
| 50/86 | 0 | 2 | 24 | 130 | 394 | 825 | 1424 | 1988 | 2330 | 2459 | 2482 | 2482 |

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

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