

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 | 36.1 | 20.9 | 28.5 | 4.7 | 5.2 | 4.9 | 0.9 | 0.4 | 0.2 | 0.0 | 0.0 | 0.0 | 822.2 | 883.7 | 976.4 | 1131.3 | 0.0 | 0.0 | 4.8 | 11.9 | 25.7 | 2.1 |
| 02 | 40.8 | 24.2 | 32.5 | 6.0 | 5.6 | 5.8 | 2.6 | 1.5 | 0.5 | 0.0 | 0.0 | 0.0 | 632.5 | 687.4 | 770.4 | 909.9 | 0.0 | 0.0 | 7.1 | 7.2 | 22.3 | 0.9 |
| 03 | 51.9 | 33.0 | 42.4 | 5.0 | 4.3 | 4.6 | 26.3 | 18.3 | 9.7 | 2.6 | 0.4 | 0.1 | 415.3 | 469.3 | 553.8 | 701.6 | 0.0 | 0.0 | 16.9 | 1.6 | 15.8 | 0.0 |
| 04 | 63.9 | 43.3 | 53.6 | 2.9 | 2.8 | 2.8 | 94.8 | 70.0 | 41.3 | 13.3 | 2.6 | 1.0 | 136.8 | 172.0 | 233.3 | 355.4 | 0.0 | 0.0 | 27.0 | 0.0 | 3.7 | 0.0 |
| 05 | 73.4 | 53.7 | 63.6 | 3.4 | 3.5 | 3.4 | 286.2 | 236.7 | 170.7 | 85.8 | 30.6 | 16.6 | 21.2 | 33.7 | 60.7 | 130.7 | 0.0 | 0.3 | 30.8 | 0.0 | 0.2 | 0.0 |
| 06 | 82.0 | 62.9 | 72.5 | 2.2 | 2.0 | 1.9 | 523.8 | 464.5 | 376.6 | 237.0 | 118.1 | 80.5 | 0.4 | 1.1 | 3.3 | 13.6 | 0.1 | 3.4 | 30.0 | 0.0 | 0.0 | 0.0 |
| 07 | 85.2 | 66.4 | 75.8 | 3.4 | 2.6 | 2.9 | 644.7 | 582.7 | 489.7 | 335.7 | 189.9 | 138.6 | 0.0 | 0.0 | 0.0 | 1.0 | 0.3 | 7.4 | 31.0 | 0.0 | 0.0 | 0.0 |
| 08 | 84.3 | 65.0 | 74.7 | 2.6 | 2.7 | 2.5 | 609.1 | 547.1 | 454.2 | 301.2 | 160.2 | 112.8 | 0.0 | 0.0 | 0.2 | 2.1 | 0.0 | 5.9 | 31.0 | 0.0 | 0.0 | 0.0 |
| 09 | 78.2 | 57.4 | 67.8 | 3.4 | 2.8 | 2.9 | 389.7 | 333.8 | 254.6 | 142.2 | 61.5 | 39.6 | 5.8 | 9.8 | 20.7 | 58.3 | 0.0 | 2.8 | 30.0 | 0.0 | 0.0 | 0.0 |
| 10 | 65.6 | 45.5 | 55.5 | 2.7 | 2.4 | 2.4 | 122.9 | 93.7 | 58.3 | 20.7 | 5.4 | 3.0 | 105.9 | 138.6 | 196.3 | 313.6 | 0.0 | 0.1 | 29.3 | 0.0 | 2.1 | 0.0 |
| 11 | 51.8 | 34.9 | 43.3 | 5.0 | 3.7 | 4.2 | 18.0 | 11.1 | 4.4 | 0.5 | 0.0 | 0.0 | 367.5 | 420.6 | 503.9 | 650.0 | 0.0 | 0.0 | 17.5 | 1.0 | 13.0 | 0.0 |
| 12 | 40.4 | 26.2 | 33.3 | 4.7 | 4.8 | 4.6 | 2.4 | 1.5 | 0.6 | 0.0 | 0.0 | 0.0 | 675.0 | 736.1 | 828.2 | 982.6 | 0.0 | 0.0 | 6.7 | 7.4 | 22.6 | 0.4 |
| Summary | 62.8 | 44.4 | 53.6 | 3.8 | 3.5 | 3.6 | 2721 | 2361 | 1861 | 1139 | 569 | 392 | 3183 | 3552 | 4147 | 5250 | 0.4 | 19.9 | 262.1 | 29.1 | 105.4 | 3.4 |

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 | 3.12 | 12.3 | 6.3 | 2.1 | 0.7 | 1.86 | 2.49 | 4.29 |
| 02 | 2.43 | 10.3 | 5.4 | 1.2 | 0.6 | 1.35 | 2.26 | 3.31 |
| 03 | 3.69 | 11.5 | 6.7 | 2.8 | 0.8 | 2.44 | 3.73 | 4.67 |
| 04 | 4.34 | 11.9 | 8.0 | 3.1 | 0.9 | 3.06 | 4.14 | 5.45 |
| 05 | 4.75 | 13.3 | 8.9 | 3.2 | 1.1 | 2.94 | 4.54 | 6.33 |
| 06 | 4.95 | 11.5 | 7.9 | 3.7 | 1.3 | 3.52 | 4.50 | 6.59 |
| 07 | 4.42 | 10.3 | 6.6 | 2.7 | 1.3 | 2.67 | 3.58 | 6.05 |
| 08 | 3.20 | 8.3 | 5.5 | 2.4 | 0.9 | 1.79 | 2.98 | 4.24 |
| 09 | 3.14 | 7.9 | 4.7 | 1.9 | 0.9 | 1.16 | 2.36 | 4.68 |
| 10 | 3.22 | 8.9 | 5.6 | 2.3 | 0.9 | 1.96 | 2.81 | 4.44 |
| 11 | 3.45 | 10.2 | 6.0 | 2.3 | 0.9 | 2.62 | 3.06 | 3.96 |
| 12 | 2.92 | 11.8 | 6.1 | 1.9 | 0.4 | 1.88 | 2.70 | 3.44 |
| Summary | 43.63 | 128.2 | 77.7 | 29.6 | 10.7 | 27.25 | 39.15 | 57.45 |

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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 | 8.8 | 7.0 | 2.6 | 0.8 | 0.3 | 0.0 | 10.8 | 5.9 | 2.8 | 0.4 | 3.3 | 6.5 | 12.6 |
| 02 | 6.0 | 5.8 | 1.7 | 0.6 | 0.3 | 0.0 | 7.1 | 4.0 | 2.6 | 0.3 | 2.1 | 3.8 | 5.6 |
| 03 | 3.2 | 2.4 | 0.9 | 0.3 | 0.2 | 0.0 | 1.9 | 0.9 | 0.5 | 0.1 | 0.7 | 1.9 | 3.8 |
| 04 | 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 |
| 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 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11 | 0.8 | 1.2 | 0.3 | 0.0 | 0.0 | 0.0 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.2 | 1.1 |
| 12 | 6.4 | 5.6 | 2.0 | 0.5 | 0.2 | 0.0 | 6.3 | 3.7 | 2.0 | 0.0 | 2.3 | 4.4 | 10.8 |
| Summary | 25.5 | 22.4 | 7.6 | 2.2 | 1.0 | 0.0 | 26.6 | 14.6 | 7.9 | 0.8 | 8.4 | 16.8 | 33.9 |

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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 | 27.6 | 46.6 | 176.1 | 418.0 | 730.1 | 973.3 | 1109.7 | 1074.0 | 833.8 | 486.1 | 179.0 | 49.6 |
| 45 | 11.3 | 20.6 | 102.5 | 287.6 | 575.6 | 823.4 | 954.7 | 919.0 | 684.0 | 341.6 | 99.5 | 21.1 |
| 50 | 3.9 | 7.9 | 55.5 | 177.5 | 424.8 | 673.4 | 799.7 | 764.1 | 535.0 | 217.5 | 47.8 | 7.9 |
| 55 | 0.9 | 2.6 | 26.3 | 94.8 | 286.2 | 523.8 | 644.7 | 609.1 | 389.7 | 122.9 | 18.0 | 2.4 |
| 60 | 0.2 | 0.5 | 9.7 | 41.3 | 170.7 | 376.6 | 489.7 | 454.2 | 254.6 | 58.3 | 4.4 | 0.6 |
| Growing Degree Units for Corn (Monthly) | | | | | | | | | | | | |
| 50/86 | 13.0 | 26.9 | 100.7 | 238.6 | 449.0 | 661.0 | 771.3 | 741.7 | 537.3 | 275.6 | 89.1 | 21.0 |

| Growing Degree Units (Accumulated Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 28 | 74 | 250 | 668 | 1398 | 2372 | 3481 | 4555 | 5389 | 5875 | 6054 | 6104 |
| 45 | 11 | 32 | 134 | 422 | 998 | 1821 | 2776 | 3695 | 4379 | 4720 | 4820 | 4841 |
| 50 | 4 | 12 | 67 | 245 | 670 | 1343 | 2143 | 2907 | 3442 | 3659 | 3707 | 3715 |
| 55 | 1 | 4 | 30 | 125 | 411 | 935 | 1579 | 2188 | 2578 | 2701 | 2719 | 2721 |
| 60 | 0 | 1 | 10 | 52 | 222 | 599 | 1089 | 1543 | 1798 | 1856 | 1860 | 1861 |
| Growing Degree Units for Corn (Monthly Accumulated) | | | | | | | | | | | | |
| 50/86 | 13 | 40 | 141 | 379 | 828 | 1489 | 2260 | 3002 | 3540 | 3815 | 3904 | 3925 |

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

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