

Summary of Monthly Normals 1981-2010

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 | 42.1 | 25.8 | 33.9 | 5.0 | 4.5 | 4.7 | 3 | 2 | 1 | -7777 | 0 | 0 | 655 | 716 | 808 | 963 | 0.0 | 0.0 | 7.0 | 5.3 | 22.0 | 0.4 |
| 02 | 46.5 | 28.2 | 37.4 | 4.0 | 3.1 | 3.4 | 2 | 1 | -7777 | -7777 | 0 | 0 | 496 | 551 | 635 | 774 | 0.0 | 0.0 | 9.6 | 1.5 | 18.8 | 0.0 |
| 03 | 55.7 | 34.5 | 45.1 | 3.6 | 2.4 | 2.9 | 26 | 18 | 10 | 3 | -7777 | -7777 | 333 | 387 | 472 | 620 | 0.0 | 0.0 | 20.8 | 0.4 | 12.4 | 0.0 |
| 04 | 67.7 | 44.7 | 56.2 | 2.9 | 1.8 | 2.2 | 124 | 94 | 59 | 23 | 7 | 4 | 88 | 118 | 174 | 287 | 0.0 | 0.6 | 29.1 | 0.0 | 2.1 | 0.0 |
| 05 | 76.6 | 54.0 | 65.3 | 3.2 | 3.0 | 2.9 | 327 | 272 | 196 | 100 | 39 | 24 | 8 | 14 | 32 | 90 | 0.0 | 1.6 | 31.0 | 0.0 | 0.0 | 0.0 |
| 06 | 85.0 | 63.1 | 74.0 | 2.4 | 1.4 | 1.7 | 571 | 512 | 423 | 281 | 156 | 113 | -7777 | -7777 | 1 | 10 | -7777 | 7.1 | 30.0 | 0.0 | 0.0 | 0.0 |
| 07 | 88.9 | 67.9 | 78.4 | 2.5 | 2.2 | 2.2 | 725 | 663 | 570 | 415 | 263 | 205 | 0 | 0 | 0 | -7777 | 0.5 | 13.5 | 31.0 | 0.0 | 0.0 | 0.0 |
| 08 | 86.6 | 66.3 | 76.5 | 2.5 | 2.1 | 2.2 | 665 | 603 | 510 | 356 | 209 | 156 | 0 | -7777 | -7777 | 1 | 0.3 | 7.7 | 31.0 | 0.0 | 0.0 | 0.0 |
| 09 | 79.9 | 58.9 | 69.4 | 2.5 | 1.9 | 1.9 | 433 | 375 | 291 | 169 | 79 | 52 | 1 | 3 | 9 | 37 | 0.0 | 2.3 | 30.0 | 0.0 | 0.0 | 0.0 |
| 10 | 68.2 | 47.3 | 57.7 | 3.1 | 2.9 | 2.7 | 146 | 111 | 68 | 25 | 6 | 3 | 61 | 87 | 138 | 249 | 0.0 | 0.0 | 30.6 | 0.0 | 0.8 | 0.0 |
| 11 | 56.5 | 38.5 | 47.5 | 3.9 | 2.4 | 3.0 | 28 | 17 | 7 | 1 | -7777 | 0 | 253 | 302 | 382 | 526 | 0.0 | 0.0 | 21.7 | -7777 | 7.0 | 0.0 |
| 12 | 45.1 | 30.1 | 37.6 | 5.3 | 4.1 | 4.7 | 5 | 3 | 1 | -7777 | 0 | 0 | 544 | 604 | 695 | 849 | 0.0 | 0.0 | 9.6 | 3.1 | 18.4 | -7777 |
| Summary | 66.6 | 46.6 | 56.6 | 3.4 | 2.6 | 2.9 | 3055 | 2671 | 2136 | 1373 | 759 | 557 | 2439 | 2782 | 3346 | 4406 | 0.8 | 32.8 | 281.4 | 10.3 | 81.5 | 0.4 |

-7777: a non-zero value that would round to zero

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

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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 | 2.79 | 8.1 | 5.8 | 2.1 | 0.6 | 1.86 | 2.59 | 3.30 |
| 02 | 2.71 | 7.8 | 5.9 | 1.7 | 0.4 | 1.88 | 2.28 | 3.37 |
| 03 | 3.64 | 10.2 | 7.2 | 3.0 | 0.7 | 2.31 | 3.52 | 4.65 |
| 04 | 3.54 | 10.2 | 6.8 | 2.5 | 0.7 | 2.06 | 3.69 | 4.35 |
| 05 | 4.12 | 11.0 | 7.8 | 2.7 | 1.0 | 2.37 | 3.92 | 5.28 |
| 06 | 3.53 | 9.7 | 6.6 | 2.2 | 0.6 | 2.20 | 3.05 | 4.78 |
| 07 | 4.23 | 9.0 | 6.9 | 2.6 | 1.2 | 2.50 | 4.43 | 5.15 |
| 08 | 3.09 | 8.5 | 5.6 | 2.0 | 0.7 | 2.24 | 2.98 | 3.93 |
| 09 | 3.93 | 8.5 | 6.1 | 2.6 | 1.0 | 1.93 | 3.26 | 4.73 |
| 10 | 2.87 | 6.8 | 5.0 | 2.0 | 0.6 | 1.69 | 2.61 | 3.80 |
| 11 | 3.15 | 8.6 | 6.1 | 2.4 | 0.8 | 2.27 | 2.94 | 4.04 |
| 12 | 3.41 | 8.9 | 6.4 | 2.2 | 0.6 | 2.26 | 3.05 | 4.69 |
| Summary | 41.01 | 107.3 | 76.2 | 28.0 | 8.9 | 25.57 | 38.32 | 52.07 |

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Summary of Monthly Normals
1981-2010
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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 | 7.2 | 2.2 | 1.9 | 0.9 | 0.6 | 0.2 | 6.9 | 3.7 | 2.7 | 1.2 | 1.0 | 4.0 | 9.0 |
| 02 | 4.8 | 1.5 | 1.4 | 0.7 | 0.2 | 0.1 | 4.6 | 2.2 | 1.0 | 0.4 | 0.0 | 1.0 | 8.0 |
| 03 | 2.5 | 0.7 | 0.7 | 0.3 | 0.1 | -7777 | 1.4 | 0.7 | 0.4 | 0.2 | 0.0 | 0.0 | 2.0 |
| 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 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11 | 0.3 | 0.1 | 0.1 | -7777 | 0.0 | 0.0 | 0.2 | -7777 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12 | 1.7 | 0.5 | 0.5 | 0.2 | 0.1 | 0.0 | 1.9 | 0.7 | 0.2 | 0.0 | 0.0 | 0.0 | 3.5 |
| Summary | 16.5 | 5.0 | 4.6 | 2.1 | 1.0 | 0.3 | 15.0 | 7.3 | 4.3 | 1.8 | 1.0 | 5.0 | 22.5 |

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Summary of Monthly Normals 1981-2010

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| Growing Degree Units (Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 49 | 62 | 208 | 487 | 784 | 1021 | 1190 | 1130 | 882 | 550 | 251 | 81 |
| 45 | 19 | 25 | 118 | 346 | 629 | 871 | 1035 | 975 | 732 | 399 | 147 | 36 |
| 50 | 7 | 8 | 59 | 220 | 475 | 721 | 880 | 820 | 582 | 259 | 73 | 14 |
| 55 | 3 | 2 | 26 | 124 | 327 | 571 | 725 | 665 | 433 | 146 | 28 | 5 |
| 60 | 1 | -7777 | 10 | 59 | 196 | 423 | 570 | 510 | 291 | 68 | 7 | 1 |
| Growing Degree Units for Corn (Monthly) | | | | | | | | | | | | |
| 50/86 | 25 | 35 | 125 | 286 | 490 | 690 | 818 | 781 | 579 | 318 | 127 | 35 |

| Growing Degree Units (Accumulated Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 49 | 111 | 319 | 806 | 1590 | 2611 | 3801 | 4931 | 5813 | 6363 | 6614 | 6695 |
| 45 | 19 | 44 | 162 | 508 | 1137 | 2008 | 3043 | 4018 | 4750 | 5149 | 5296 | 5332 |
| 50 | 7 | 15 | 74 | 294 | 769 | 1490 | 2370 | 3190 | 3772 | 4031 | 4104 | 4118 |
| 55 | 3 | 5 | 31 | 155 | 482 | 1053 | 1778 | 2443 | 2876 | 3022 | 3050 | 3055 |
| 60 | 1 | 1 | 11 | 70 | 266 | 689 | 1259 | 1769 | 2060 | 2128 | 2135 | 2136 |
| Growing Degree Units for Corn (Monthly Accumulated) | | | | | | | | | | | | |
| 50/86 | 25 | 60 | 185 | 471 | 961 | 1651 | 2469 | 3250 | 3829 | 4147 | 4274 | 4309 |

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

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