

Summary of Monthly Normals
1981-2010
 Generated on 10/21/2021

| 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 | 39.0 | 23.7 | 31.3 | 5.5 | 5.0 | 5.1 | 3 | 2 | -7777 | -7777 | 0 | 0 | 736 | 797 | 888 | 1043 | 0.0 | 0.0 | 6.5 | 9.5 | 23.0 | 0.9 |
| 02 | 42.9 | 25.5 | 34.2 | 4.2 | 3.6 | 3.8 | 4 | 2 | 1 | -7777 | 0 | 0 | 586 | 641 | 723 | 862 | 0.0 | 0.0 | 8.5 | 5.3 | 21.4 | 0.2 |
| 03 | 52.0 | 32.2 | 42.1 | 3.8 | 2.8 | 3.2 | 23 | 16 | 9 | 2 | -7777 | -7777 | 423 | 478 | 564 | 712 | 0.0 | 0.0 | 16.8 | 1.5 | 16.4 | 0.0 |
| 04 | 63.9 | 41.6 | 52.7 | 3.2 | 2.3 | 2.6 | 91 | 69 | 42 | 14 | 3 | 1 | 159 | 197 | 259 | 382 | 0.0 | -7777 | 25.7 | 0.1 | 5.4 | 0.0 |
| 05 | 72.1 | 50.2 | 61.1 | 3.9 | 3.2 | 3.4 | 223 | 178 | 121 | 51 | 13 | 6 | 32 | 50 | 85 | 170 | 0.0 | 0.2 | 30.7 | 0.0 | 0.3 | 0.0 |
| 06 | 80.0 | 58.7 | 69.4 | 2.4 | 2.1 | 2.0 | 432 | 374 | 289 | 162 | 67 | 40 | 2 | 3 | 9 | 31 | 0.0 | 1.4 | 30.0 | 0.0 | 0.0 | 0.0 |
| 07 | 83.4 | 62.9 | 73.2 | 2.5 | 1.9 | 2.0 | 563 | 501 | 408 | 255 | 121 | 79 | -7777 | -7777 | -7777 | 3 | 0.0 | 3.4 | 31.0 | 0.0 | 0.0 | 0.0 |
| 08 | 82.3 | 61.7 | 72.0 | 3.0 | 2.5 | 2.6 | 527 | 465 | 373 | 225 | 100 | 63 | -7777 | -7777 | 1 | 8 | 0.0 | 2.8 | 31.0 | 0.0 | 0.0 | 0.0 |
| 09 | 75.7 | 54.7 | 65.2 | 2.9 | 1.8 | 2.1 | 317 | 264 | 191 | 92 | 30 | 17 | 11 | 19 | 35 | 86 | 0.0 | 0.6 | 30.0 | 0.0 | -7777 | 0.0 |
| 10 | 64.7 | 43.8 | 54.2 | 3.0 | 3.0 | 2.8 | 97 | 70 | 39 | 12 | 2 | 1 | 120 | 155 | 218 | 345 | 0.0 | 0.0 | 28.8 | 0.0 | 2.8 | 0.0 |
| 11 | 53.6 | 36.1 | 44.9 | 4.0 | 3.1 | 3.3 | 25 | 16 | 7 | 1 | -7777 | 0 | 330 | 381 | 462 | 606 | 0.0 | 0.0 | 18.7 | 0.8 | 11.5 | 0.0 |
| 12 | 42.4 | 27.2 | 34.8 | 5.9 | 4.7 | 5.2 | 5 | 3 | 1 | -7777 | 0 | 0 | 631 | 691 | 782 | 936 | 0.0 | 0.0 | 8.7 | 6.7 | 21.2 | 0.3 |
| Summary | 62.7 | 43.2 | 52.9 | 3.7 | 3.0 | 3.2 | 2310 | 1960 | 1481 | 814 | 336 | 207 | 3030 | 3412 | 4026 | 5184 | 0.0 | 8.4 | 266.4 | 23.9 | 102.0 | 1.4 |

-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 | 2.81 | 15.2 | 7.1 | 1.6 | 0.3 | 1.93 | 2.58 | 3.42 |
| 02 | 2.60 | 12.3 | 6.5 | 1.6 | 0.2 | 1.72 | 2.13 | 3.63 |
| 03 | 3.65 | 13.9 | 8.3 | 2.5 | 0.5 | 2.52 | 3.59 | 4.59 |
| 04 | 3.52 | 13.4 | 8.5 | 2.0 | 0.6 | 2.61 | 3.69 | 4.33 |
| 05 | 4.61 | 14.0 | 9.4 | 3.1 | 0.8 | 3.03 | 4.72 | 5.82 |
| 06 | 4.11 | 12.6 | 8.2 | 3.1 | 0.8 | 2.86 | 4.24 | 4.92 |
| 07 | 4.62 | 11.7 | 8.0 | 3.3 | 1.1 | 3.16 | 4.26 | 5.55 |
| 08 | 3.55 | 10.1 | 6.4 | 2.4 | 0.8 | 2.32 | 3.19 | 4.37 |
| 09 | 3.21 | 9.9 | 6.6 | 1.9 | 0.6 | 2.24 | 2.73 | 4.36 |
| 10 | 2.78 | 10.6 | 6.3 | 1.9 | 0.4 | 1.72 | 2.83 | 3.81 |
| 11 | 3.46 | 12.4 | 7.5 | 2.0 | 0.5 | 2.14 | 3.37 | 4.31 |
| 12 | 2.91 | 13.7 | 6.8 | 1.8 | 0.2 | 2.11 | 2.67 | 3.20 |
| Summary | 41.83 | 149.8 | 89.6 | 27.2 | 6.8 | 28.36 | 40.00 | 52.31 |

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Summary of Monthly Normals
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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 | 9.1 | 6.1 | 2.9 | 0.7 | 0.3 | 0.1 | 10.4 | 6.5 | 4.0 | 0.8 | 2.4 | 6.1 | 12.6 |
| 02 | 5.5 | 4.3 | 2.1 | 0.5 | 0.2 | 0.0 | 6.4 | 2.4 | 1.0 | 0.2 | 2.8 | 3.9 | 7.6 |
| 03 | 7.0 | 3.3 | 1.5 | 0.6 | 0.4 | 0.1 | 4.1 | 1.6 | 0.8 | 0.3 | 1.3 | 3.9 | 7.3 |
| 04 | 1.0 | 0.3 | 0.2 | 0.1 | 0.1 | 0.0 | 0.4 | 0.2 | 0.2 | 0.1 | 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 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11 | 1.1 | 1.1 | 0.3 | 0.1 | 0.1 | 0.0 | 1.0 | 0.4 | 0.2 | 0.1 | 0.0 | 0.1 | 1.4 |
| 12 | 3.8 | 3.5 | 1.8 | 0.2 | 0.1 | 0.0 | 6.5 | 2.1 | 0.4 | 0.1 | 2.2 | 2.6 | 5.3 |
| Summary | 27.6 | 18.8 | 8.9 | 2.2 | 1.2 | 0.2 | 28.8 | 13.2 | 6.6 | 1.6 | 8.7 | 16.6 | 34.2 |

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Summary of Monthly Normals 1981-2010

Generated on 10/21/2021

| Growing Degree Units (Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 51 | 56 | 169 | 395 | 656 | 881 | 1027 | 992 | 756 | 446 | 207 | 70 |
| 45 | 23 | 26 | 98 | 269 | 502 | 730 | 873 | 837 | 606 | 306 | 121 | 33 |
| 50 | 10 | 11 | 51 | 167 | 354 | 581 | 718 | 682 | 459 | 187 | 62 | 14 |
| 55 | 3 | 4 | 23 | 91 | 223 | 432 | 563 | 527 | 317 | 97 | 25 | 5 |
| 60 | -7777 | 1 | 9 | 42 | 121 | 289 | 408 | 373 | 191 | 39 | 7 | 1 |
| Growing Degree Units for Corn (Monthly) | | | | | | | | | | | | |
| 50/86 | 25 | 33 | 104 | 236 | 396 | 580 | 701 | 669 | 474 | 254 | 110 | 35 |

| Growing Degree Units (Accumulated Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 51 | 107 | 276 | 671 | 1327 | 2208 | 3235 | 4227 | 4983 | 5429 | 5636 | 5706 |
| 45 | 23 | 49 | 147 | 416 | 918 | 1648 | 2521 | 3358 | 3964 | 4270 | 4391 | 4424 |
| 50 | 10 | 21 | 72 | 239 | 593 | 1174 | 1892 | 2574 | 3033 | 3220 | 3282 | 3296 |
| 55 | 3 | 7 | 30 | 121 | 344 | 776 | 1339 | 1866 | 2183 | 2280 | 2305 | 2310 |
| 60 | 0 | 1 | 10 | 52 | 173 | 462 | 870 | 1243 | 1434 | 1473 | 1480 | 1481 |
| Growing Degree Units for Corn (Monthly Accumulated) | | | | | | | | | | | | |
| 50/86 | 25 | 58 | 162 | 398 | 794 | 1374 | 2075 | 2744 | 3218 | 3472 | 3582 | 3617 |

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

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