

Summary of Monthly Normals 1991-2020

Generated on 07/25/2021

| 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 | 62.5 | 46.1 | 54.3 | 3.6 | 3.8 | 3.5 | 107.9 | 81.7 | 51.1 | 17.9 | 3.6 | 1.3 | 129.3 | 165.2 | 227.6 | 349.5 | 0.0 | 0.0 | 27.6 | 0.0 | 2.9 | 0.0 |
| 02 | 66.4 | 49.7 | 58.0 | 4.1 | 4.3 | 4.1 | 148.2 | 116.6 | 77.7 | 31.9 | 8.4 | 3.8 | 62.8 | 87.2 | 132.2 | 226.4 | 0.0 | 0.0 | 26.7 | 0.0 | 0.9 | 0.0 |
| 03 | 72.3 | 55.3 | 63.8 | 3.3 | 3.9 | 3.6 | 291.8 | 240.3 | 171.6 | 81.3 | 26.0 | 13.0 | 18.9 | 29.5 | 53.8 | 118.5 | 0.0 | 0.0 | 30.7 | 0.0 | 0.2 | 0.0 |
| 04 | 78.5 | 61.7 | 70.1 | 2.6 | 2.5 | 2.4 | 454.2 | 395.5 | 309.9 | 179.7 | 77.2 | 47.9 | 1.2 | 2.5 | 6.8 | 26.6 | 0.0 | 0.2 | 30.0 | 0.0 | 0.0 | 0.0 |
| 05 | 85.3 | 69.0 | 77.1 | 2.1 | 2.2 | 2.0 | 686.6 | 624.6 | 531.6 | 377.6 | 228.5 | 173.6 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 5.9 | 31.0 | 0.0 | 0.0 | 0.0 |
| 06 | 90.0 | 74.7 | 82.4 | 2.0 | 1.2 | 1.4 | 820.4 | 760.4 | 670.4 | 520.4 | 370.4 | 310.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 18.4 | 30.0 | 0.0 | 0.0 | 0.0 |
| 07 | 91.4 | 76.5 | 83.9 | 1.4 | 1.1 | 1.2 | 897.4 | 835.4 | 742.4 | 587.4 | 432.4 | 370.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.9 | 31.0 | 0.0 | 0.0 | 0.0 |
| 08 | 91.3 | 76.6 | 84.0 | 1.9 | 1.5 | 1.6 | 897.3 | 835.3 | 742.4 | 587.4 | 432.4 | 370.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 23.0 | 31.0 | 0.0 | 0.0 | 0.0 |
| 09 | 88.1 | 73.5 | 80.8 | 2.1 | 2.1 | 1.8 | 773.8 | 713.8 | 623.9 | 474.0 | 325.4 | 267.3 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 12.8 | 30.0 | 0.0 | 0.0 | 0.0 |
| 10 | 80.6 | 64.3 | 72.5 | 2.1 | 2.8 | 2.2 | 542.2 | 481.1 | 391.5 | 251.5 | 133.3 | 95.7 | 1.3 | 2.2 | 5.6 | 20.6 | 0.0 | 2.0 | 31.0 | 0.0 | 0.0 | 0.0 |
| 11 | 71.2 | 53.7 | 62.4 | 2.9 | 3.5 | 3.0 | 249.6 | 203.8 | 143.0 | 66.5 | 22.4 | 12.2 | 25.9 | 40.1 | 69.4 | 143.0 | 0.0 | 0.0 | 29.8 | 0.0 | 0.4 | 0.0 |
| 12 | 64.8 | 48.4 | 56.6 | 2.9 | 3.6 | 3.1 | 141.3 | 110.9 | 73.6 | 30.1 | 8.2 | 4.2 | 91.6 | 123.2 | 179.0 | 290.5 | 0.0 | 0.0 | 29.2 | 0.0 | 1.0 | 0.0 |
| Summary | 78.5 | 62.5 | 70.5 | 2.6 | 2.7 | 2.5 | 6011 | 5399 | 4529 | 3206 | 2068 | 1670 | 331 | 450 | 674 | 1176 | 0.3 | 85.2 | 358.0 | 0.0 | 5.4 | 0.0 |

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

Summary of Monthly Normals 1991-2020

Generated on 07/25/2021

| 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 | 5.18 | 9.5 | 6.7 | 3.4 | 1.6 | 3.09 | 4.40 | 5.48 |
| 02 | 4.13 | 9.0 | 5.7 | 3.1 | 1.3 | 2.31 | 3.83 | 5.94 |
| 03 | 4.36 | 8.1 | 5.1 | 2.4 | 1.6 | 2.45 | 4.54 | 6.20 |
| 04 | 5.22 | 7.3 | 5.0 | 2.8 | 1.9 | 2.36 | 4.13 | 6.79 |
| 05 | 5.64 | 7.8 | 5.3 | 2.9 | 1.9 | 1.98 | 4.99 | 8.32 |
| 06 | 7.62 | 12.7 | 8.9 | 5.1 | 2.7 | 4.34 | 6.88 | 9.95 |
| 07 | 6.79 | 13.9 | 9.4 | 4.5 | 1.9 | 4.31 | 5.76 | 8.46 |
| 08 | 6.91 | 13.6 | 9.5 | 4.3 | 2.1 | 3.94 | 6.49 | 8.66 |
| 09 | 5.11 | 9.8 | 6.7 | 2.7 | 1.5 | 2.21 | 3.91 | 6.45 |
| 10 | 3.70 | 7.1 | 4.3 | 1.8 | 0.9 | 1.33 | 2.44 | 5.13 |
| 11 | 3.87 | 7.1 | 4.6 | 2.4 | 1.3 | 1.80 | 2.75 | 5.88 |
| 12 | 4.82 | 9.2 | 6.2 | 2.9 | 1.4 | 2.74 | 3.91 | 5.15 |
| Summary | 63.35 | 115.1 | 77.4 | 38.3 | 20.1 | 32.86 | 54.03 | 82.41 |

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Summary of Monthly Normals
1991-2020
 Generated on 07/25/2021

| 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 | 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 |
| 02 | 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 |
| 03 | 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 |
| 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 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12 | 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 |
| Summary | 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 |

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Summary of Monthly Normals 1991-2020

Generated on 07/25/2021

| Growing Degree Units (Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 450.9 | 506.8 | 737.9 | 903.0 | 1151.6 | 1270.5 | 1362.5 | 1362.4 | 1224.0 | 1005.9 | 673.5 | 516.8 |
| 45 | 313.0 | 371.6 | 584.0 | 753.0 | 996.6 | 1120.4 | 1207.4 | 1207.4 | 1073.9 | 851.1 | 524.5 | 370.8 |
| 50 | 195.7 | 249.1 | 433.1 | 603.1 | 841.6 | 970.4 | 1052.4 | 1052.4 | 923.9 | 696.3 | 380.4 | 241.3 |
| 55 | 107.9 | 148.2 | 291.8 | 454.2 | 686.6 | 820.4 | 897.4 | 897.3 | 773.8 | 542.2 | 249.6 | 141.3 |
| 60 | 51.1 | 77.7 | 171.6 | 309.9 | 531.6 | 670.4 | 742.4 | 742.4 | 623.9 | 391.5 | 143.0 | 73.6 |
| Growing Degree Units for Corn (Monthly) | | | | | | | | | | | | |
| 50/86 | 241.3 | 285.5 | 453.5 | 605.1 | 819.0 | 905.6 | 966.5 | 967.5 | 876.7 | 689.8 | 406.8 | 284.6 |

| Growing Degree Units (Accumulated Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 451 | 958 | 1696 | 2599 | 3750 | 5021 | 6383 | 7746 | 8970 | 9976 | 10649 | 11166 |
| 45 | 313 | 685 | 1269 | 2022 | 3018 | 4139 | 5346 | 6553 | 7627 | 8478 | 9003 | 9374 |
| 50 | 196 | 445 | 878 | 1481 | 2323 | 3293 | 4345 | 5398 | 6322 | 7018 | 7398 | 7640 |
| 55 | 108 | 256 | 548 | 1002 | 1689 | 2509 | 3407 | 4304 | 5078 | 5620 | 5869 | 6011 |
| 60 | 51 | 129 | 300 | 610 | 1142 | 1812 | 2555 | 3297 | 3921 | 4312 | 4456 | 4529 |
| Growing Degree Units for Corn (Monthly Accumulated) | | | | | | | | | | | | |
| 50/86 | 241 | 527 | 980 | 1585 | 2404 | 3310 | 4276 | 5244 | 6121 | 6810 | 7217 | 7502 |

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

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