

Summary of Monthly Normals
1991-2020
 Generated on 09/16/2021

| 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 | 29.3 | 11.6 | 20.5 | 5.0 | 5.2 | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1070.9 | 1132.9 | 1225.9 | 1381.0 | 0.0 | 0.0 | 2.3 | 15.9 | 29.3 | 5.3 |
| 02 | 34.3 | 15.5 | 24.9 | 6.3 | 6.4 | 6.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 842.8 | 898.7 | 982.7 | 1122.8 | 0.0 | 0.0 | 4.4 | 9.7 | 24.6 | 2.7 |
| 03 | 47.9 | 26.6 | 37.2 | 5.5 | 4.6 | 4.9 | 10.9 | 7.4 | 3.8 | 0.9 | 0.0 | 0.0 | 561.2 | 619.7 | 709.1 | 861.1 | 0.0 | 0.0 | 15.1 | 2.7 | 19.2 | 0.4 |
| 04 | 61.6 | 37.1 | 49.4 | 3.8 | 3.2 | 3.3 | 50.5 | 36.1 | 20.4 | 5.6 | 0.8 | 0.2 | 220.0 | 265.7 | 339.9 | 475.1 | 0.0 | 0.0 | 26.6 | 0.1 | 6.4 | 0.0 |
| 05 | 72.2 | 48.9 | 60.6 | 3.4 | 3.2 | 3.1 | 215.1 | 171.9 | 117.2 | 52.0 | 16.4 | 9.5 | 43.1 | 61.9 | 100.2 | 190.0 | 0.0 | 1.0 | 30.8 | 0.0 | 0.4 | 0.0 |
| 06 | 81.0 | 59.0 | 70.0 | 2.5 | 2.0 | 2.0 | 450.4 | 391.3 | 305.2 | 174.2 | 74.8 | 47.3 | 0.5 | 1.4 | 5.3 | 24.3 | 0.1 | 5.3 | 30.0 | 0.0 | 0.0 | 0.0 |
| 07 | 84.4 | 62.5 | 73.5 | 3.3 | 2.5 | 2.8 | 571.9 | 509.9 | 417.4 | 265.8 | 134.2 | 93.3 | 0.0 | 0.1 | 0.5 | 3.9 | 0.8 | 9.2 | 31.0 | 0.0 | 0.0 | 0.0 |
| 08 | 82.4 | 60.2 | 71.3 | 2.6 | 2.9 | 2.5 | 505.3 | 443.4 | 351.6 | 208.1 | 93.5 | 60.8 | 0.0 | 0.2 | 1.4 | 12.9 | 0.2 | 5.8 | 31.0 | 0.0 | 0.0 | 0.0 |
| 09 | 76.3 | 51.6 | 64.0 | 3.5 | 3.0 | 2.9 | 284.7 | 234.3 | 167.0 | 81.4 | 29.0 | 16.8 | 16.3 | 25.9 | 48.6 | 112.9 | 0.0 | 2.7 | 30.0 | 0.0 | 0.1 | 0.0 |
| 10 | 63.2 | 39.9 | 51.6 | 3.3 | 2.4 | 2.5 | 73.8 | 53.2 | 30.5 | 10.0 | 2.6 | 1.3 | 180.7 | 222.2 | 292.5 | 427.0 | 0.0 | 0.2 | 28.6 | 0.0 | 5.0 | 0.0 |
| 11 | 47.5 | 27.6 | 37.5 | 6.0 | 4.3 | 5.0 | 5.4 | 2.9 | 0.9 | 0.1 | 0.0 | 0.0 | 528.8 | 586.4 | 674.4 | 823.6 | 0.0 | 0.0 | 14.6 | 2.4 | 17.7 | 0.0 |
| 12 | 34.4 | 17.5 | 26.0 | 5.5 | 5.1 | 5.2 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 900.8 | 962.6 | 1055.5 | 1210.5 | 0.0 | 0.0 | 4.0 | 10.3 | 27.1 | 1.9 |
| Summary | 59.5 | 38.2 | 48.9 | 4.2 | 3.7 | 3.8 | 2168 | 1850 | 1414 | 798 | 351 | 229 | 4365 | 4778 | 5436 | 6645 | 1.1 | 24.2 | 248.4 | 41.1 | 129.8 | 10.3 |

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

Summary of Monthly Normals 1991-2020

Generated on 09/16/2021

| 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 | 1.14 | 7.4 | 3.4 | 0.6 | 0.0 | 0.66 | 0.97 | 1.72 |
| 02 | 1.40 | 7.0 | 3.5 | 0.7 | 0.2 | 0.60 | 1.24 | 1.68 |
| 03 | 2.33 | 8.7 | 4.9 | 1.6 | 0.4 | 1.39 | 1.97 | 3.42 |
| 04 | 3.86 | 11.4 | 7.5 | 2.8 | 0.9 | 2.91 | 3.47 | 4.88 |
| 05 | 5.05 | 12.6 | 8.0 | 3.5 | 1.3 | 3.46 | 4.97 | 6.03 |
| 06 | 5.49 | 11.2 | 8.2 | 3.8 | 1.5 | 3.04 | 5.55 | 7.56 |
| 07 | 4.56 | 8.8 | 6.5 | 2.9 | 1.5 | 2.48 | 3.36 | 5.97 |
| 08 | 4.32 | 8.9 | 6.6 | 2.8 | 1.3 | 1.92 | 4.22 | 6.46 |
| 09 | 3.45 | 8.4 | 5.7 | 2.3 | 0.8 | 1.84 | 2.65 | 4.55 |
| 10 | 3.00 | 9.0 | 5.1 | 2.0 | 0.9 | 1.33 | 3.01 | 3.94 |
| 11 | 2.27 | 7.6 | 4.3 | 1.6 | 0.5 | 1.12 | 1.56 | 2.89 |
| 12 | 1.60 | 8.2 | 3.9 | 1.0 | 0.2 | 0.95 | 1.41 | 2.09 |
| Summary | 38.47 | 109.2 | 67.6 | 25.6 | 9.5 | 21.70 | 34.38 | 51.19 |

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Summary of Monthly Normals 1991-2020

Generated on 09/16/2021

| 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 | 7.6 | 4.0 | 2.8 | 1.2 | 0.3 | 0.0 | 17.9 | 12.7 | 7.7 | 1.9 | 5.0 | 7.8 | 8.5 |
| 02 | 7.5 | 3.5 | 2.6 | 0.8 | 0.3 | 0.1 | 13.1 | 8.0 | 5.1 | 1.2 | 1.8 | 5.7 | 12.9 |
| 03 | 3.2 | 1.5 | 1.3 | 0.3 | 0.1 | 0.0 | 3.8 | 1.8 | 0.8 | 0.0 | 1.0 | 2.1 | 5.9 |
| 04 | 0.5 | 0.3 | 0.2 | 0.0 | 0.0 | 0.0 | 0.4 | 0.1 | 0.1 | 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 | 0.4 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11 | 1.1 | 0.6 | 0.5 | 0.1 | 0.0 | 0.0 | 1.9 | 0.4 | 0.2 | 0.0 | 0.0 | 0.0 | 1.2 |
| 12 | 7.2 | 4.0 | 2.8 | 1.0 | 0.3 | 0.0 | 11.1 | 6.0 | 3.2 | 0.8 | 3.0 | 6.5 | 10.6 |
| Summary | 27.5 | 14.1 | 10.4 | 3.4 | 1.0 | 0.1 | 48.3 | 29.0 | 17.1 | 3.9 | 10.8 | 22.1 | 39.1 |

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Summary of Monthly Normals 1991-2020

Generated on 09/16/2021

| Growing Degree Units (Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 1.7 | 12.0 | 98.5 | 307.7 | 637.3 | 899.8 | 1036.8 | 970.1 | 718.4 | 374.6 | 93.4 | 10.0 |
| 45 | 0.1 | 3.8 | 53.2 | 193.6 | 485.2 | 749.8 | 881.8 | 815.2 | 569.1 | 247.2 | 45.1 | 3.2 |
| 50 | 0.0 | 1.0 | 26.3 | 106.5 | 341.5 | 599.9 | 726.9 | 660.2 | 422.3 | 145.5 | 18.1 | 1.2 |
| 55 | 0.0 | 0.1 | 10.9 | 50.5 | 215.1 | 450.4 | 571.9 | 505.3 | 284.7 | 73.8 | 5.4 | 0.3 |
| 60 | 0.0 | 0.0 | 3.8 | 20.4 | 117.2 | 305.2 | 417.4 | 351.6 | 167.0 | 30.5 | 0.9 | 0.0 |
| Growing Degree Units for Corn (Monthly) | | | | | | | | | | | | |
| 50/86 | 2.6 | 9.5 | 70.2 | 196.5 | 389.8 | 592.6 | 700.8 | 648.3 | 454.4 | 227.5 | 59.1 | 6.6 |

| Growing Degree Units (Accumulated Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 2 | 14 | 112 | 420 | 1057 | 1957 | 2994 | 3964 | 4682 | 5057 | 5150 | 5160 |
| 45 | 0 | 4 | 57 | 251 | 736 | 1486 | 2368 | 3183 | 3752 | 3999 | 4044 | 4047 |
| 50 | 0 | 1 | 27 | 134 | 475 | 1075 | 1802 | 2462 | 2885 | 3030 | 3048 | 3049 |
| 55 | 0 | 0 | 11 | 62 | 277 | 727 | 1299 | 1804 | 2089 | 2163 | 2168 | 2168 |
| 60 | 0 | 0 | 4 | 24 | 141 | 447 | 864 | 1216 | 1383 | 1413 | 1414 | 1414 |
| Growing Degree Units for Corn (Monthly Accumulated) | | | | | | | | | | | | |
| 50/86 | 3 | 12 | 82 | 279 | 669 | 1261 | 1962 | 2610 | 3065 | 3292 | 3351 | 3358 |

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

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