

Summary of Monthly Normals 1991-2020

Generated on 06/18/2021

| 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 | 51.9 | 31.8 | 41.9 | 3.4 | 3.7 | 3.4 | 14.2 | 8.9 | 3.8 | 0.5 | 0.0 | 0.0 | 421.7 | 478.4 | 566.3 | 718.0 | 0.0 | 0.0 | 17.5 | 1.6 | 18.0 | 0.0 |
| 02 | 55.8 | 34.2 | 45.0 | 4.5 | 3.4 | 3.9 | 22.4 | 15.2 | 7.8 | 1.7 | 0.1 | 0.0 | 302.4 | 351.2 | 427.7 | 561.7 | 0.0 | 0.0 | 19.4 | 0.5 | 13.8 | 0.0 |
| 03 | 63.3 | 40.3 | 51.8 | 4.0 | 3.8 | 3.8 | 79.7 | 59.2 | 35.8 | 11.8 | 1.6 | 0.6 | 178.9 | 220.4 | 289.9 | 420.9 | 0.0 | 0.0 | 27.3 | 0.0 | 7.8 | 0.0 |
| 04 | 72.7 | 48.9 | 60.8 | 2.4 | 2.5 | 2.3 | 214.4 | 173.1 | 120.0 | 54.0 | 15.4 | 7.5 | 40.4 | 59.1 | 96.1 | 180.0 | 0.0 | 0.3 | 29.6 | 0.0 | 1.1 | 0.0 |
| 05 | 80.0 | 57.7 | 68.8 | 2.8 | 3.4 | 2.9 | 431.5 | 372.0 | 288.3 | 166.1 | 74.1 | 46.1 | 2.1 | 4.7 | 14.0 | 46.8 | 0.0 | 2.8 | 31.0 | 0.0 | 0.0 | 0.0 |
| 06 | 87.4 | 66.0 | 76.7 | 2.7 | 2.0 | 2.2 | 650.9 | 590.9 | 501.4 | 354.1 | 215.3 | 164.8 | 0.0 | 0.0 | 0.5 | 3.1 | 0.3 | 12.1 | 30.0 | 0.0 | 0.0 | 0.0 |
| 07 | 90.8 | 70.2 | 80.5 | 2.2 | 1.4 | 1.7 | 790.4 | 728.4 | 635.4 | 480.4 | 326.0 | 265.1 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 18.6 | 31.0 | 0.0 | 0.0 | 0.0 |
| 08 | 88.7 | 68.9 | 78.8 | 2.7 | 2.0 | 2.2 | 737.7 | 675.7 | 582.7 | 427.8 | 275.1 | 216.6 | 0.0 | 0.0 | 0.0 | 0.1 | 0.5 | 13.8 | 31.0 | 0.0 | 0.0 | 0.0 |
| 09 | 82.5 | 62.7 | 72.6 | 2.9 | 2.4 | 2.4 | 528.1 | 468.6 | 381.0 | 242.6 | 125.3 | 87.2 | 0.2 | 0.7 | 3.2 | 14.7 | 0.0 | 4.5 | 30.0 | 0.0 | 0.0 | 0.0 |
| 10 | 73.0 | 50.3 | 61.7 | 2.5 | 2.8 | 2.2 | 235.1 | 188.3 | 128.4 | 56.0 | 18.2 | 10.3 | 28.9 | 44.1 | 77.2 | 159.8 | 0.0 | 0.4 | 31.0 | 0.0 | 0.7 | 0.0 |
| 11 | 63.0 | 40.0 | 51.5 | 3.8 | 2.8 | 3.1 | 65.5 | 47.1 | 26.3 | 7.0 | 1.1 | 0.5 | 170.4 | 212.0 | 281.2 | 411.9 | 0.0 | 0.0 | 27.4 | 0.0 | 7.8 | 0.0 |
| 12 | 54.7 | 34.4 | 44.6 | 4.6 | 4.2 | 4.3 | 25.1 | 17.7 | 9.9 | 2.5 | 0.3 | 0.1 | 349.0 | 403.6 | 488.7 | 636.3 | 0.0 | 0.0 | 20.5 | 0.3 | 15.4 | 0.0 |
| Summary | 72.0 | 50.4 | 61.2 | 3.2 | 2.9 | 2.9 | 3795 | 3345 | 2721 | 1804 | 1052 | 799 | 1494 | 1774 | 2245 | 3153 | 1.9 | 52.5 | 325.7 | 2.4 | 64.6 | 0.0 |

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

Summary of Monthly Normals 1991-2020

Generated on 06/18/2021

| 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 | 3.43 | 10.1 | 6.6 | 2.3 | 0.9 | 1.99 | 3.40 | 4.22 |
| 02 | 2.78 | 9.3 | 5.9 | 1.8 | 0.4 | 1.95 | 2.39 | 3.28 |
| 03 | 4.10 | 10.7 | 7.1 | 3.0 | 0.8 | 3.20 | 3.54 | 5.19 |
| 04 | 3.53 | 9.5 | 5.9 | 2.4 | 0.9 | 1.77 | 3.71 | 4.73 |
| 05 | 3.38 | 9.9 | 6.6 | 2.4 | 0.5 | 2.66 | 3.38 | 4.11 |
| 06 | 3.89 | 11.2 | 7.0 | 2.5 | 0.9 | 2.24 | 3.38 | 4.52 |
| 07 | 5.02 | 11.7 | 7.5 | 3.5 | 1.5 | 3.46 | 4.71 | 6.14 |
| 08 | 4.71 | 10.7 | 7.1 | 2.8 | 1.4 | 3.08 | 4.54 | 6.44 |
| 09 | 5.15 | 9.0 | 5.8 | 3.2 | 1.7 | 2.57 | 3.69 | 5.83 |
| 10 | 3.37 | 7.6 | 4.9 | 1.8 | 0.9 | 2.10 | 2.87 | 4.16 |
| 11 | 3.32 | 8.2 | 5.0 | 2.4 | 0.9 | 1.35 | 3.27 | 4.26 |
| 12 | 3.39 | 9.7 | 5.8 | 2.3 | 0.8 | 2.30 | 2.97 | 4.40 |
| Summary | 46.07 | 117.6 | 75.2 | 30.4 | 11.6 | 28.67 | 41.85 | 57.28 |

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Summary of Monthly Normals
1991-2020
 Generated on 06/18/2021

| 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 | 2.6 | 1.2 | 0.7 | 0.3 | 0.1 | 0.0 | 1.8 | 0.7 | 0.4 | 0.1 | 0.0 | 0.6 | 3.1 |
| 02 | 1.4 | 1.2 | 0.5 | 0.1 | 0.0 | 0.0 | 1.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.3 | 1.6 |
| 03 | 0.3 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 |
| 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 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12 | 0.8 | 0.5 | 0.2 | 0.1 | 0.1 | 0.0 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 |
| Summary | 5.2 | 3.4 | 1.5 | 0.5 | 0.2 | 0.0 | 3.4 | 1.0 | 0.4 | 0.1 | 0.0 | 0.9 | 5.0 |

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Summary of Monthly Normals 1991-2020

Generated on 06/18/2021

| Growing Degree Units (Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 152.9 | 185.0 | 378.6 | 624.4 | 894.4 | 1100.9 | 1255.4 | 1202.7 | 977.9 | 671.2 | 353.8 | 194.2 |
| 45 | 81.1 | 105.9 | 252.5 | 476.8 | 739.4 | 950.9 | 1100.4 | 1047.7 | 827.9 | 517.2 | 228.6 | 108.0 |
| 50 | 37.3 | 53.3 | 151.7 | 336.5 | 584.5 | 800.9 | 945.4 | 892.7 | 677.9 | 369.6 | 131.6 | 55.3 |
| 55 | 14.2 | 22.4 | 79.7 | 214.4 | 431.5 | 650.9 | 790.4 | 737.7 | 528.1 | 235.1 | 65.5 | 25.1 |
| 60 | 3.8 | 7.8 | 35.8 | 120.0 | 288.3 | 501.4 | 635.4 | 582.7 | 381.0 | 128.4 | 26.3 | 9.9 |
| Growing Degree Units for Corn (Monthly) | | | | | | | | | | | | |
| 50/86 | 90.6 | 116.1 | 231.2 | 388.6 | 584.1 | 749.7 | 861.9 | 831.9 | 661.2 | 416.0 | 215.2 | 113.2 |

| Growing Degree Units (Accumulated Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 153 | 338 | 716 | 1341 | 2235 | 3336 | 4592 | 5794 | 6772 | 7443 | 7797 | 7991 |
| 45 | 81 | 187 | 440 | 916 | 1656 | 2607 | 3707 | 4755 | 5583 | 6100 | 6328 | 6436 |
| 50 | 37 | 91 | 242 | 579 | 1163 | 1964 | 2910 | 3802 | 4480 | 4850 | 4981 | 5037 |
| 55 | 14 | 37 | 116 | 331 | 762 | 1413 | 2204 | 2941 | 3469 | 3704 | 3770 | 3795 |
| 60 | 4 | 12 | 47 | 167 | 456 | 957 | 1592 | 2175 | 2556 | 2685 | 2711 | 2721 |
| Growing Degree Units for Corn (Monthly Accumulated) | | | | | | | | | | | | |
| 50/86 | 91 | 207 | 438 | 826 | 1411 | 2160 | 3022 | 3854 | 4515 | 4931 | 5146 | 5260 |

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

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