

Summary of Monthly Normals
1991-2020
Generated on 12/04/2021

| 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 | 59.0 | 43.3 | 51.1 | 1.8 | 3.0 | 2.0 | 15.9 | 6.1 | 0.5 | 0.0 | 0.0 | 0.0 | 135.3 | 187.4 | 274.8 | 429.3 | 0.0 | 0.0 | 30.5 | 0.0 | 0.7 | 0.0 |
| 02 | 62.8 | 45.4 | 54.1 | 3.1 | 2.1 | 2.2 | 36.9 | 18.4 | 4.5 | 0.1 | 0.0 | 0.0 | 62.1 | 99.6 | 169.7 | 305.3 | 0.0 | 0.0 | 27.9 | 0.0 | 0.0 | 0.0 |
| 03 | 66.4 | 47.6 | 57.0 | 3.6 | 2.0 | 2.6 | 98.9 | 63.6 | 27.1 | 3.1 | 0.1 | 0.0 | 36.9 | 63.6 | 120.1 | 251.1 | 0.0 | 0.0 | 30.9 | 0.0 | 0.0 | 0.0 |
| 04 | 70.0 | 49.8 | 59.9 | 3.2 | 1.8 | 2.4 | 157.6 | 111.7 | 60.1 | 16.2 | 2.6 | 1.3 | 10.6 | 24.7 | 63.1 | 169.2 | 0.0 | 0.4 | 30.0 | 0.0 | 0.0 | 0.0 |
| 05 | 74.9 | 53.3 | 64.1 | 3.9 | 1.8 | 2.7 | 283.4 | 223.4 | 141.6 | 51.2 | 14.6 | 8.2 | 1.2 | 3.3 | 14.5 | 79.1 | 0.3 | 1.5 | 31.0 | 0.0 | 0.0 | 0.0 |
| 06 | 80.1 | 57.0 | 68.5 | 2.9 | 1.5 | 2.0 | 406.4 | 346.4 | 256.9 | 121.4 | 43.4 | 28.1 | 0.0 | 0.0 | 0.5 | 15.0 | 0.8 | 3.8 | 30.0 | 0.0 | 0.0 | 0.0 |
| 07 | 82.2 | 59.1 | 70.6 | 1.1 | 1.3 | 1.1 | 485.1 | 423.1 | 330.2 | 176.7 | 58.4 | 35.2 | 0.0 | 0.0 | 0.0 | 1.6 | 0.7 | 4.4 | 31.0 | 0.0 | 0.0 | 0.0 |
| 08 | 82.7 | 59.8 | 71.2 | 2.9 | 1.2 | 1.7 | 503.7 | 441.7 | 348.7 | 194.4 | 67.8 | 39.2 | 0.0 | 0.0 | 0.0 | 0.7 | 0.5 | 5.4 | 31.0 | 0.0 | 0.0 | 0.0 |
| 09 | 81.4 | 58.2 | 69.8 | 1.6 | 1.4 | 1.4 | 444.0 | 384.0 | 294.0 | 150.0 | 49.0 | 28.6 | 0.0 | 0.0 | 0.0 | 6.1 | 0.0 | 4.5 | 30.0 | 0.0 | 0.0 | 0.0 |
| 10 | 74.6 | 53.8 | 64.2 | 2.3 | 1.7 | 1.8 | 286.6 | 226.8 | 144.5 | 48.6 | 9.8 | 4.4 | 1.4 | 3.6 | 14.4 | 73.4 | 0.0 | 0.9 | 31.0 | 0.0 | 0.0 | 0.0 |
| 11 | 65.0 | 47.2 | 56.1 | 2.4 | 2.0 | 2.0 | 77.3 | 45.3 | 15.5 | 1.8 | 0.1 | 0.0 | 44.3 | 72.3 | 132.5 | 268.7 | 0.0 | 0.0 | 30.0 | 0.0 | 0.1 | 0.0 |
| 12 | 58.8 | 42.8 | 50.8 | 2.1 | 3.1 | 2.3 | 14.9 | 6.1 | 1.3 | 0.0 | 0.0 | 0.0 | 145.0 | 198.3 | 286.4 | 440.2 | 0.0 | 0.0 | 30.4 | 0.0 | 1.4 | 0.0 |
| Summary | 71.5 | 51.4 | 61.4 | 2.6 | 1.9 | 2.0 | 2811 | 2297 | 1625 | 764 | 246 | 145 | 437 | 653 | 1076 | 2040 | 2.3 | 20.9 | 363.7 | 0.0 | 2.2 | 0.0 |

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

Summary of Monthly Normals 1991-2020

Generated on 12/04/2021

| 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 | 2.97 | 10.2 | 6.7 | 2.2 | 0.6 | 1.33 | 2.25 | 4.78 |
| 02 | 3.24 | 11.5 | 7.3 | 2.7 | 0.7 | 1.02 | 2.92 | 4.64 |
| 03 | 2.64 | 9.3 | 6.5 | 1.7 | 0.4 | 1.00 | 2.50 | 3.79 |
| 04 | 1.24 | 6.4 | 3.4 | 0.6 | 0.2 | 0.40 | 1.02 | 1.54 |
| 05 | 0.54 | 4.0 | 1.9 | 0.3 | 0.1 | 0.08 | 0.34 | 0.54 |
| 06 | 0.17 | 1.2 | 0.6 | 0.1 | 0.0 | 0.00 | 0.01 | 0.19 |
| 07 | 0.01 | 0.2 | 0.1 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 08 | 0.03 | 0.4 | 0.1 | 0.1 | 0.0 | 0.00 | 0.00 | 0.01 |
| 09 | 0.07 | 0.9 | 0.2 | 0.0 | 0.0 | 0.00 | 0.01 | 0.12 |
| 10 | 0.80 | 2.7 | 1.9 | 0.3 | 0.1 | 0.12 | 0.38 | 0.89 |
| 11 | 1.36 | 6.9 | 3.4 | 0.9 | 0.3 | 0.57 | 1.09 | 1.98 |
| 12 | 3.07 | 10.7 | 6.3 | 2.3 | 0.7 | 1.79 | 2.56 | 4.60 |
| Summary | 16.14 | 64.4 | 38.4 | 11.2 | 3.1 | 6.31 | 13.08 | 23.08 |

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Summary of Monthly Normals
1991-2020
 Generated on 12/04/2021

| 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 12/04/2021

| Growing Degree Units (Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 345.8 | 394.8 | 527.0 | 597.0 | 747.1 | 856.4 | 950.1 | 968.7 | 894.0 | 750.2 | 483.0 | 335.4 |
| 45 | 196.4 | 255.0 | 372.3 | 447.0 | 592.1 | 706.4 | 795.1 | 813.7 | 744.0 | 595.2 | 333.2 | 187.5 |
| 50 | 74.8 | 125.7 | 222.5 | 297.7 | 437.2 | 556.4 | 640.1 | 658.7 | 593.9 | 440.2 | 191.1 | 70.4 |
| 55 | 15.9 | 36.9 | 98.9 | 157.6 | 283.4 | 406.4 | 485.1 | 503.7 | 444.0 | 286.6 | 77.3 | 14.9 |
| 60 | 0.5 | 4.5 | 27.1 | 60.1 | 141.6 | 256.9 | 330.2 | 348.7 | 294.0 | 144.5 | 15.5 | 1.3 |
| Growing Degree Units for Corn (Monthly) | | | | | | | | | | | | |
| 50/86 | 146.8 | 185.8 | 270.0 | 323.9 | 437.5 | 535.4 | 620.0 | 635.9 | 573.5 | 444.1 | 240.8 | 142.5 |

| Growing Degree Units (Accumulated Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 346 | 741 | 1268 | 1865 | 2612 | 3468 | 4418 | 5387 | 6281 | 7031 | 7514 | 7849 |
| 45 | 196 | 451 | 824 | 1271 | 1863 | 2569 | 3364 | 4178 | 4922 | 5517 | 5850 | 6038 |
| 50 | 75 | 200 | 423 | 721 | 1158 | 1714 | 2354 | 3013 | 3607 | 4047 | 4238 | 4309 |
| 55 | 16 | 53 | 152 | 309 | 593 | 999 | 1484 | 1988 | 2432 | 2718 | 2796 | 2811 |
| 60 | 0 | 5 | 32 | 92 | 234 | 491 | 821 | 1170 | 1464 | 1608 | 1624 | 1625 |
| Growing Degree Units for Corn (Monthly Accumulated) | | | | | | | | | | | | |
| 50/86 | 147 | 333 | 603 | 926 | 1364 | 1899 | 2519 | 3155 | 3729 | 4173 | 4414 | 4556 |

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

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