

Summary of Monthly Normals
1991-2020
 Generated on 09/19/2021

| 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 | 37.1 | 21.8 | 29.4 | 4.6 | 5.2 | 4.9 | 1.3 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 | 793.1 | 854.3 | 946.9 | 1101.8 | 0.0 | 0.0 | 4.6 | 12.8 | 25.9 | 2.4 |
| 02 | 41.2 | 24.5 | 32.8 | 5.6 | 5.4 | 5.5 | 3.1 | 1.8 | 0.8 | 0.1 | 0.0 | 0.0 | 623.3 | 678.0 | 760.9 | 900.2 | 0.0 | 0.0 | 6.4 | 8.3 | 22.5 | 1.0 |
| 03 | 51.5 | 32.7 | 42.1 | 4.9 | 4.1 | 4.4 | 25.2 | 17.4 | 9.1 | 2.4 | 0.4 | 0.1 | 425.1 | 479.3 | 563.9 | 712.3 | 0.0 | 0.0 | 15.3 | 2.3 | 17.3 | 0.0 |
| 04 | 64.5 | 42.9 | 53.7 | 3.0 | 2.6 | 2.7 | 99.4 | 73.9 | 44.5 | 15.2 | 3.4 | 1.5 | 138.5 | 172.9 | 233.5 | 354.2 | 0.0 | 0.0 | 26.5 | 0.0 | 5.0 | 0.0 |
| 05 | 74.2 | 53.8 | 64.0 | 3.7 | 3.6 | 3.6 | 297.2 | 246.7 | 180.3 | 94.3 | 37.4 | 22.2 | 18.2 | 29.7 | 56.4 | 125.4 | 0.0 | 0.2 | 30.9 | 0.0 | 0.1 | 0.0 |
| 06 | 82.6 | 62.7 | 72.7 | 2.3 | 1.7 | 1.8 | 529.6 | 470.0 | 381.9 | 242.4 | 123.8 | 86.0 | 0.2 | 0.6 | 2.5 | 13.1 | 0.0 | 3.0 | 30.0 | 0.0 | 0.0 | 0.0 |
| 07 | 85.9 | 66.1 | 76.0 | 3.0 | 2.3 | 2.6 | 650.9 | 588.9 | 495.9 | 341.4 | 195.2 | 144.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.1 | 6.1 | 31.0 | 0.0 | 0.0 | 0.0 |
| 08 | 84.6 | 64.3 | 74.5 | 2.4 | 2.5 | 2.3 | 602.9 | 540.9 | 448.1 | 295.5 | 156.5 | 111.3 | 0.0 | 0.0 | 0.2 | 2.7 | 0.0 | 4.2 | 31.0 | 0.0 | 0.0 | 0.0 |
| 09 | 78.6 | 56.8 | 67.7 | 3.5 | 2.5 | 2.7 | 386.0 | 329.6 | 250.3 | 138.6 | 60.3 | 39.5 | 5.0 | 8.7 | 19.4 | 57.7 | 0.0 | 2.0 | 30.0 | 0.0 | 0.0 | 0.0 |
| 10 | 66.2 | 45.9 | 56.0 | 2.6 | 2.3 | 2.3 | 129.5 | 99.1 | 62.9 | 22.7 | 6.1 | 3.4 | 97.0 | 128.5 | 185.4 | 300.1 | 0.0 | 0.1 | 28.8 | 0.0 | 1.9 | 0.0 |
| 11 | 52.7 | 35.4 | 44.1 | 4.9 | 3.4 | 4.0 | 21.6 | 13.6 | 5.8 | 1.0 | 0.0 | 0.0 | 350.1 | 402.0 | 484.3 | 629.4 | 0.0 | 0.0 | 16.8 | 1.1 | 13.8 | 0.0 |
| 12 | 41.5 | 27.1 | 34.3 | 4.7 | 4.6 | 4.5 | 3.2 | 1.8 | 0.8 | 0.2 | 0.0 | 0.0 | 644.8 | 705.4 | 797.4 | 951.8 | 0.0 | 0.0 | 6.9 | 8.2 | 23.3 | 0.4 |
| Summary | 63.4 | 44.5 | 53.9 | 3.8 | 3.4 | 3.4 | 2750 | 2384 | 1880 | 1154 | 583 | 408 | 3095 | 3459 | 4051 | 5149 | 0.1 | 15.6 | 258.2 | 32.7 | 109.8 | 3.8 |

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

Summary of Monthly Normals 1991-2020

Generated on 09/19/2021

| 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 | 3.08 | 13.4 | 6.1 | 1.8 | 0.4 | 2.14 | 3.02 | 3.82 |
| 02 | 2.35 | 11.3 | 5.5 | 1.4 | 0.4 | 1.48 | 1.79 | 2.67 |
| 03 | 3.50 | 12.1 | 7.1 | 2.4 | 0.7 | 2.63 | 3.58 | 4.08 |
| 04 | 4.46 | 13.0 | 8.5 | 3.0 | 1.1 | 3.42 | 4.20 | 5.46 |
| 05 | 4.51 | 14.1 | 9.1 | 2.9 | 0.9 | 2.98 | 4.17 | 5.99 |
| 06 | 4.14 | 11.9 | 7.2 | 2.8 | 1.0 | 3.00 | 3.63 | 5.47 |
| 07 | 3.95 | 10.6 | 7.2 | 2.8 | 1.2 | 2.89 | 3.38 | 5.19 |
| 08 | 2.96 | 8.1 | 5.1 | 2.0 | 0.8 | 1.84 | 2.82 | 3.70 |
| 09 | 3.31 | 8.6 | 5.1 | 2.0 | 0.8 | 1.03 | 2.69 | 5.02 |
| 10 | 2.95 | 9.5 | 5.7 | 1.8 | 0.7 | 1.53 | 3.04 | 3.78 |
| 11 | 3.07 | 9.9 | 5.8 | 1.9 | 0.8 | 2.06 | 2.93 | 3.62 |
| 12 | 3.05 | 11.8 | 6.2 | 2.1 | 0.6 | 2.22 | 2.87 | 3.75 |
| Summary | 41.33 | 134.3 | 78.6 | 26.9 | 9.4 | 27.22 | 38.12 | 52.55 |

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Summary of Monthly Normals
1991-2020
 Generated on 09/19/2021

| 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 | 8.3 | 7.6 | 2.6 | 0.7 | 0.3 | 0.0 | 10.7 | 5.2 | 1.9 | 0.3 | 3.6 | 6.2 | 10.2 |
| 02 | 6.6 | 6.4 | 2.0 | 0.5 | 0.2 | 0.0 | 8.0 | 3.3 | 1.9 | 0.3 | 2.5 | 5.0 | 9.6 |
| 03 | 3.9 | 3.2 | 1.1 | 0.3 | 0.2 | 0.0 | 2.3 | 0.9 | 0.5 | 0.0 | 1.2 | 2.3 | 5.8 |
| 04 | 0.4 | 1.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 |
| 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 | 0.2 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11 | 0.8 | 1.2 | 0.3 | 0.0 | 0.0 | 0.0 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 | 0.4 | 1.1 |
| 12 | 4.8 | 4.9 | 1.6 | 0.3 | 0.2 | 0.0 | 5.6 | 2.4 | 0.9 | 0.2 | 1.3 | 3.5 | 7.7 |
| Summary | 25.0 | 24.5 | 7.8 | 1.8 | 0.9 | 0.0 | 27.3 | 11.9 | 5.2 | 0.8 | 8.6 | 17.4 | 34.8 |

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

U.S. Department of Commerce
 National Oceanic & Atmospheric Administration
 National Environmental Satellite, Data, and Information Service
 Current Location: Elev: 1000 ft. Lat: 39.9061° N Lon: -84.2186° W
 Station: **DAYTON INTL AP, OH US USW00093815**

Summary of Monthly Normals 1991-2020

Generated on 09/19/2021

National Centers for Environmental Information
 151 Patton Avenue
 Asheville, North Carolina 28801

| Growing Degree Units (Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 35.5 | 49.9 | 171.6 | 421.7 | 744.0 | 979.4 | 1115.9 | 1067.8 | 830.9 | 500.0 | 192.0 | 58.7 |
| 45 | 15.4 | 23.0 | 100.3 | 292.3 | 589.4 | 829.4 | 960.9 | 912.8 | 681.0 | 355.0 | 108.9 | 26.3 |
| 50 | 5.7 | 9.2 | 53.8 | 182.4 | 437.8 | 679.4 | 805.9 | 757.9 | 531.8 | 227.9 | 54.2 | 10.5 |
| 55 | 1.3 | 3.1 | 25.2 | 99.4 | 297.2 | 529.6 | 650.9 | 602.9 | 386.0 | 129.5 | 21.6 | 3.2 |
| 60 | 0.1 | 0.8 | 9.1 | 44.5 | 180.3 | 381.9 | 495.9 | 448.1 | 250.3 | 62.9 | 5.8 | 0.8 |
| Growing Degree Units for Corn (Monthly) | | | | | | | | | | | | |
| 50/86 | 15.8 | 27.3 | 98.4 | 246.9 | 460.6 | 661.5 | 772.5 | 733.4 | 533.2 | 284.8 | 98.0 | 26.3 |

| Growing Degree Units (Accumulated Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 36 | 85 | 257 | 679 | 1423 | 2402 | 3518 | 4586 | 5417 | 5917 | 6109 | 6167 |
| 45 | 15 | 38 | 139 | 431 | 1020 | 1850 | 2811 | 3724 | 4404 | 4760 | 4868 | 4895 |
| 50 | 6 | 15 | 69 | 251 | 689 | 1368 | 2174 | 2932 | 3464 | 3692 | 3746 | 3756 |
| 55 | 1 | 4 | 30 | 129 | 426 | 956 | 1607 | 2210 | 2596 | 2725 | 2747 | 2750 |
| 60 | 0 | 1 | 10 | 54 | 235 | 617 | 1113 | 1561 | 1811 | 1874 | 1880 | 1880 |
| Growing Degree Units for Corn (Monthly Accumulated) | | | | | | | | | | | | |
| 50/86 | 16 | 43 | 142 | 388 | 849 | 1510 | 2283 | 3016 | 3550 | 3834 | 3932 | 3959 |

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

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