

Summary of Monthly Normals 1981-2010

Generated on 12/07/2021

| 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 | 39.5 | 22.3 | 30.9 | 5.5 | 4.8 | 5.1 | 1 | -7777 | -7777 | 0 | 0 | 0 | 748 | 809 | 902 | 1057 | 0.0 | 0.0 | 5.6 | 8.1 | 25.7 | 0.8 |
| 02 | 43.2 | 24.4 | 33.8 | 4.5 | 2.8 | 3.4 | 1 | 1 | -7777 | -7777 | -7777 | 0 | 594 | 650 | 734 | 873 | 0.0 | 0.0 | 6.6 | 3.8 | 22.7 | 0.2 |
| 03 | 52.6 | 31.4 | 42.0 | 3.5 | 2.5 | 2.8 | 15 | 10 | 5 | 1 | -7777 | -7777 | 418 | 475 | 563 | 714 | 0.0 | 0.0 | 16.7 | 0.8 | 16.5 | -7777 |
| 04 | 64.0 | 40.8 | 52.4 | 3.0 | 2.0 | 2.3 | 70 | 50 | 29 | 8 | 1 | -7777 | 148 | 188 | 257 | 387 | 0.0 | 0.1 | 26.6 | -7777 | 4.5 | 0.0 |
| 05 | 72.7 | 49.6 | 61.1 | 3.3 | 3.0 | 3.0 | 217 | 172 | 116 | 48 | 14 | 7 | 27 | 43 | 80 | 168 | 0.0 | 0.8 | 30.8 | 0.0 | 0.2 | 0.0 |
| 06 | 81.7 | 58.9 | 70.3 | 2.6 | 1.8 | 1.9 | 460 | 401 | 315 | 183 | 82 | 53 | 1 | 2 | 6 | 24 | 0.0 | 3.6 | 30.0 | 0.0 | 0.0 | 0.0 |
| 07 | 85.8 | 63.7 | 74.7 | 3.0 | 1.9 | 2.3 | 612 | 550 | 457 | 303 | 162 | 115 | 0 | 0 | -7777 | 1 | 0.3 | 7.5 | 31.0 | 0.0 | 0.0 | 0.0 |
| 08 | 83.9 | 61.8 | 72.9 | 2.8 | 2.2 | 2.3 | 553 | 492 | 399 | 249 | 120 | 80 | -7777 | -7777 | 1 | 6 | 0.1 | 5.6 | 31.0 | 0.0 | 0.0 | 0.0 |
| 09 | 76.7 | 53.9 | 65.3 | 3.1 | 2.1 | 2.2 | 318 | 265 | 190 | 93 | 34 | 20 | 9 | 16 | 32 | 84 | -7777 | 1.5 | 30.0 | 0.0 | -7777 | 0.0 |
| 10 | 65.4 | 42.3 | 53.8 | 3.0 | 3.3 | 2.8 | 83 | 59 | 33 | 10 | 2 | 1 | 119 | 157 | 223 | 355 | 0.0 | 0.0 | 29.5 | 0.0 | 3.7 | 0.0 |
| 11 | 54.3 | 34.1 | 44.2 | 4.2 | 3.0 | 3.3 | 14 | 8 | 3 | -7777 | 0 | 0 | 338 | 392 | 477 | 624 | 0.0 | 0.0 | 19.5 | 0.2 | 12.1 | 0.0 |
| 12 | 42.8 | 25.5 | 34.2 | 5.1 | 4.0 | 4.4 | 2 | 2 | 1 | -7777 | 0 | 0 | 649 | 710 | 802 | 956 | 0.0 | 0.0 | 7.6 | 4.5 | 23.9 | 0.1 |
| Summary | 63.5 | 42.4 | 53.0 | 3.6 | 2.8 | 3.0 | 2346 | 2010 | 1548 | 895 | 415 | 276 | 3051 | 3442 | 4077 | 5249 | 0.4 | 19.1 | 264.9 | 17.4 | 109.3 | 1.1 |

-7777: a non-zero value that would round to zero

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

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| 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 | 2.44 | 9.4 | 5.6 | 1.5 | 0.4 | 1.50 | 2.15 | 2.98 |
| 02 | 2.34 | 8.9 | 5.2 | 1.3 | 0.5 | 1.37 | 2.00 | 3.07 |
| 03 | 3.52 | 10.6 | 6.5 | 2.4 | 0.9 | 1.92 | 3.79 | 4.44 |
| 04 | 3.34 | 10.5 | 6.4 | 2.2 | 0.6 | 2.36 | 2.84 | 4.15 |
| 05 | 4.09 | 12.6 | 7.6 | 2.8 | 1.0 | 2.33 | 3.68 | 5.41 |
| 06 | 3.76 | 11.0 | 6.8 | 2.6 | 0.9 | 2.05 | 3.81 | 5.09 |
| 07 | 3.67 | 10.1 | 6.4 | 2.3 | 1.0 | 1.96 | 3.85 | 5.07 |
| 08 | 3.08 | 8.7 | 5.9 | 1.9 | 0.7 | 2.12 | 2.78 | 3.91 |
| 09 | 3.57 | 8.8 | 5.9 | 2.4 | 0.9 | 1.67 | 2.38 | 5.67 |
| 10 | 3.05 | 8.5 | 5.0 | 2.2 | 0.8 | 1.35 | 2.63 | 4.09 |
| 11 | 3.13 | 9.3 | 5.7 | 2.1 | 0.8 | 2.10 | 3.15 | 3.77 |
| 12 | 2.71 | 9.3 | 5.6 | 1.8 | 0.4 | 1.61 | 2.49 | 3.87 |
| Summary | 38.70 | 117.7 | 72.6 | 25.5 | 8.9 | 22.34 | 35.55 | 51.52 |

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U.S. Department of Commerce
 National Oceanic & Atmospheric Administration
 National Environmental Satellite, Data, and Information Service
 Current Location: Elev: 534 ft. Lat: 39.4019° N Lon: -77.9844° W
 Station: **MARTINSBURG EASTERN WEST VIRGINIA REGIONAL AIRPORT, WV US**
USW00013734

Summary of Monthly Normals 1981-2010

Generated on 12/07/2021

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

| 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 | 9.0 | 3.7 | 2.7 | 1.0 | 0.6 | 0.1 | 9.4 | 5.4 | 3.0 | 1.1 | 2.7 | 6.3 | 10.6 |
| 02 | 7.2 | 2.1 | 1.7 | 0.9 | 0.4 | -7777 | 7.4 | 4.9 | 2.3 | 0.4 | 0.1 | 4.7 | 14.0 |
| 03 | 4.6 | 1.7 | 1.0 | 0.5 | 0.3 | 0.1 | 3.1 | 1.7 | 0.9 | 0.2 | 0.0 | 2.6 | 4.1 |
| 04 | 0.4 | 0.2 | 0.2 | 0.1 | 0.0 | 0.0 | 0.1 | -7777 | 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 | 1.1 | 0.5 | 0.3 | 0.1 | -7777 | -7777 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12 | 3.8 | 2.1 | 1.4 | 0.5 | 0.2 | 0.0 | 3.6 | 0.8 | 0.3 | 0.1 | 0.2 | 3.0 | 7.2 |
| Summary | 26.1 | 10.3 | 7.3 | 3.1 | 1.5 | 0.2 | 24.1 | 12.9 | 6.5 | 1.8 | 3.0 | 16.6 | 35.9 |

-7777: a non-zero value that would round to zero

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Generated on 12/07/2021

| Growing Degree Units (Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 32 | 38 | 149 | 378 | 656 | 909 | 1077 | 1018 | 759 | 432 | 178 | 46 |
| 45 | 13 | 15 | 79 | 248 | 501 | 759 | 922 | 863 | 609 | 289 | 95 | 20 |
| 50 | 5 | 4 | 36 | 142 | 351 | 609 | 767 | 708 | 461 | 168 | 41 | 8 |
| 55 | 1 | 1 | 15 | 70 | 217 | 460 | 612 | 553 | 318 | 83 | 14 | 2 |
| 60 | -7777 | -7777 | 5 | 29 | 116 | 315 | 457 | 399 | 190 | 33 | 3 | 1 |
| Growing Degree Units for Corn (Monthly) | | | | | | | | | | | | |
| 50/86 | 21 | 27 | 97 | 224 | 395 | 597 | 731 | 685 | 477 | 256 | 103 | 27 |

| Growing Degree Units (Accumulated Monthly) | | | | | | | | | | | | |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 32 | 70 | 219 | 597 | 1253 | 2162 | 3239 | 4257 | 5016 | 5448 | 5626 | 5672 |
| 45 | 13 | 28 | 107 | 355 | 856 | 1615 | 2537 | 3400 | 4009 | 4298 | 4393 | 4413 |
| 50 | 5 | 9 | 45 | 187 | 538 | 1147 | 1914 | 2622 | 3083 | 3251 | 3292 | 3300 |
| 55 | 1 | 2 | 17 | 87 | 304 | 764 | 1376 | 1929 | 2247 | 2330 | 2344 | 2346 |
| 60 | 0 | 0 | 5 | 34 | 150 | 465 | 922 | 1321 | 1511 | 1544 | 1547 | 1548 |
| Growing Degree Units for Corn (Monthly Accumulated) | | | | | | | | | | | | |
| 50/86 | 21 | 48 | 145 | 369 | 764 | 1361 | 2092 | 2777 | 3254 | 3510 | 3613 | 3640 |

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

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