

Summary of Monthly Normals 1991-2020

Generated on 12/11/2023

Current Location: Elev: 10 ft. Lat: 38.8483° N Lon: 77.0342° W
 Station: **WASHINGTON REAGAN AP, VA US USW00013743**

| 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 | 44.8 | 30.1 | 37.5 | 4.2 | 4.0 | 4.1 | 3.9 | 2.1 | 0.5 | 0.0 | 0.0 | 0.0 | 547.8 | 608.0 | 699.5 | 853.9 | 0.0 | 0.0 | 9.3 | 4.1 | 19.5 | 0.0 |
| 02 | 48.3 | 31.8 | 40.0 | 4.9 | 4.1 | 4.4 | 5.7 | 3.4 | 1.4 | 0.1 | 0.0 | 0.0 | 424.2 | 478.0 | 560.0 | 698.7 | 0.0 | 0.0 | 11.9 | 1.8 | 15.4 | 0.0 |
| 03 | 56.5 | 38.6 | 47.6 | 4.1 | 3.3 | 3.6 | 35.7 | 24.5 | 12.7 | 2.9 | 0.3 | 0.1 | 266.6 | 317.4 | 398.6 | 543.8 | 0.0 | 0.0 | 22.0 | 0.3 | 7.5 | 0.0 |
| 04 | 68.0 | 48.4 | 58.2 | 2.6 | 2.3 | 2.4 | 156.3 | 120.7 | 78.2 | 32.4 | 9.2 | 4.8 | 60.3 | 84.7 | 132.2 | 236.4 | 0.0 | 0.4 | 29.0 | 0.0 | 0.5 | 0.0 |
| 05 | 76.5 | 58.0 | 67.2 | 3.4 | 3.1 | 3.2 | 382.4 | 324.1 | 243.0 | 132.3 | 58.3 | 38.3 | 2.6 | 6.4 | 18.3 | 62.6 | 0.0 | 2.1 | 31.0 | 0.0 | 0.0 | 0.0 |
| 06 | 85.1 | 67.5 | 76.3 | 2.3 | 1.8 | 1.9 | 639.0 | 579.0 | 489.5 | 343.0 | 207.2 | 158.7 | 0.0 | 0.1 | 0.5 | 4.0 | 0.2 | 7.5 | 30.0 | 0.0 | 0.0 | 0.0 |
| 07 | 89.6 | 72.4 | 81.0 | 2.7 | 2.1 | 2.3 | 805.9 | 743.9 | 651.0 | 495.9 | 341.2 | 280.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 15.4 | 31.0 | 0.0 | 0.0 | 0.0 |
| 08 | 87.8 | 71.0 | 79.4 | 2.6 | 1.8 | 2.1 | 756.3 | 694.3 | 601.4 | 446.4 | 293.2 | 234.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 10.8 | 31.0 | 0.0 | 0.0 | 0.0 |
| 09 | 80.7 | 64.1 | 72.4 | 2.8 | 2.2 | 2.3 | 522.5 | 463.2 | 375.8 | 237.5 | 122.3 | 86.1 | 0.6 | 1.3 | 3.8 | 15.6 | 0.0 | 3.6 | 30.0 | 0.0 | 0.0 | 0.0 |
| 10 | 69.4 | 52.2 | 60.8 | 2.5 | 2.4 | 2.3 | 210.5 | 165.8 | 109.6 | 45.1 | 14.9 | 8.9 | 30.7 | 47.9 | 84.8 | 175.2 | 0.0 | 0.3 | 30.7 | 0.0 | 0.0 | 0.0 |
| 11 | 58.2 | 41.6 | 49.9 | 4.0 | 2.7 | 3.3 | 40.8 | 26.3 | 11.7 | 2.0 | 0.2 | 0.0 | 193.7 | 239.2 | 314.7 | 454.9 | 0.0 | 0.0 | 24.3 | 0.0 | 3.8 | 0.0 |
| 12 | 48.8 | 34.5 | 41.7 | 4.2 | 3.5 | 3.8 | 7.9 | 4.8 | 1.9 | 0.2 | 0.0 | 0.0 | 421.7 | 480.6 | 570.7 | 724.0 | 0.0 | 0.0 | 13.2 | 1.3 | 13.3 | 0.0 |
| Summary | 67.8 | 50.9 | 59.3 | 3.4 | 2.8 | 3.0 | 3567 | 3152 | 2577 | 1738 | 1047 | 811 | 1948 | 2264 | 2783 | 3769 | 1.3 | 40.1 | 293.4 | 7.5 | 60.0 | 0.0 |

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

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Current Location: Elev: 10 ft. Lat: 38.8483° N Lon: 77.0342° W
 Station: **WASHINGTON REAGAN AP, VA US USW00013743**

| 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 | 2.86 | 9.7 | 5.7 | 2.1 | 0.7 | 2.29 | 2.72 | 3.29 | |
| 02 | 2.62 | 9.3 | 5.4 | 1.6 | 0.5 | 1.74 | 2.28 | 3.45 | |
| 03 | 3.50 | 11.0 | 6.5 | 2.2 | 0.9 | 2.43 | 3.58 | 4.19 | |
| 04 | 3.21 | 10.8 | 6.4 | 2.2 | 0.7 | 2.13 | 3.14 | 3.94 | |
| 05 | 3.94 | 11.6 | 7.3 | 2.8 | 0.8 | 2.26 | 3.34 | 4.97 | |
| 06 | 4.20 | 10.6 | 6.5 | 2.8 | 1.0 | 2.29 | 3.41 | 4.78 | |
| 07 | 4.33 | 10.5 | 6.7 | 3.2 | 1.1 | 2.86 | 4.23 | 5.57 | |
| 08 | 3.25 | 8.7 | 5.6 | 2.1 | 0.8 | 2.00 | 2.79 | 4.23 | |
| 09 | 3.93 | 8.7 | 5.8 | 2.5 | 1.0 | 1.65 | 3.49 | 5.90 | |
| 10 | 3.66 | 8.3 | 4.9 | 2.5 | 1.1 | 2.02 | 3.45 | 5.05 | |
| 11 | 2.91 | 8.4 | 5.0 | 2.1 | 0.8 | 1.57 | 2.33 | 4.41 | |
| 12 | 3.41 | 10.1 | 6.4 | 2.7 | 0.6 | 2.22 | 3.16 | 4.75 | |
| Summary | 41.82 | 117.7 | 72.2 | 28.8 | 10.0 | 25.46 | 37.92 | 54.53 | |

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Generated on 12/11/2023

Current Location: Elev: 10 ft. Lat: 38.8483° N Lon: 77.0342° W
 Station: **WASHINGTON REAGAN AP, VA US USW00013743**

| 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 | 4.90 | 2.8 | 1.3 | 0.5 | 0.2 | 0.1 | 3.5 | 1.7 | 1.0 | 0.5 | 1.30 | 3.10 | 6.30 |
| 02 | 5.00 | 2.7 | 1.3 | 0.5 | 0.3 | 0.0 | 4.2 | 2.4 | 1.3 | 0.5 | 0.30 | 2.70 | 5.60 |
| 03 | 2.00 | 1.1 | 0.6 | 0.3 | 0.1 | 0.0 | 1.2 | 0.6 | 0.2 | 0.0 | 0.00 | 0.30 | 3.50 |
| 04 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 05 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 06 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 07 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 08 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 09 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 11 | 0.10 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 12 | 1.70 | 1.3 | 0.5 | 0.1 | 0.1 | 0.0 | 1.1 | 0.5 | 0.3 | 0.1 | 0.00 | 0.20 | 2.00 |
| Summary | 13.7 | 8.0 | 3.7 | 1.4 | 0.7 | 0.1 | 10.0 | 5.2 | 2.8 | 1.1 | 1.6 | 6.3 | 17.4 |

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Generated on 12/11/2023

Current Location: Elev: 10 ft. Lat: 38.8483° N Lon: 77.0342° W
 Station: **WASHINGTON REAGAN AP, VA US USW00013743**

| Growing Degree Units (Monthly) | | | | | | | | | | | | |
|---|------|------|-------|-------|-------|--------|--------|--------|-------|-------|-------|-------|
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Growing Degree Units (Monthly) | | | | | | | | | | | | |
| Base | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 40 | 78.8 | 99.7 | 264.8 | 546.6 | 844.8 | 1088.9 | 1270.9 | 1221.3 | 971.9 | 644.8 | 309.1 | 128.4 |
| 45 | 32.8 | 46.1 | 156.0 | 400.9 | 689.8 | 938.9 | 1115.9 | 1066.3 | 821.9 | 490.8 | 188.7 | 57.9 |
| 50 | 12.1 | 17.7 | 80.5 | 267.0 | 535.0 | 788.9 | 960.9 | 911.3 | 672.0 | 342.7 | 98.4 | 22.6 |
| 55 | 3.9 | 5.7 | 35.7 | 156.3 | 382.4 | 639.0 | 805.9 | 756.3 | 522.5 | 210.5 | 40.8 | 7.9 |
| 60 | 0.5 | 1.4 | 12.7 | 78.2 | 243.0 | 489.5 | 651.0 | 601.4 | 375.8 | 109.6 | 11.7 | 1.9 |
| Growing Degree Units for Corn (Monthly) | | | | | | | | | | | | |
| 50/86 | 35.6 | 50.8 | 134.8 | 305.0 | 533.0 | 753.6 | 889.9 | 860.0 | 657.6 | 367.9 | 147.7 | 52.2 |

| Growing Degree Units (Accumulated Monthly) | | | | | | | | | | | | |
|---|----|-----|-----|-----|------|------|------|------|------|------|------|------|
| 40 | 79 | 178 | 443 | 990 | 1835 | 2924 | 4194 | 5416 | 6388 | 7032 | 7342 | 7470 |
| 45 | 33 | 79 | 235 | 636 | 1326 | 2264 | 3380 | 4447 | 5269 | 5759 | 5948 | 6006 |
| 50 | 12 | 30 | 110 | 377 | 912 | 1701 | 2662 | 3573 | 4245 | 4588 | 4686 | 4709 |
| 55 | 4 | 10 | 45 | 202 | 584 | 1223 | 2029 | 2785 | 3308 | 3518 | 3559 | 3567 |
| 60 | 0 | 2 | 15 | 93 | 336 | 825 | 1476 | 2078 | 2454 | 2563 | 2575 | 2577 |
| Growing Degree Units for Corn (Monthly Accumulated) | | | | | | | | | | | | |
| 50/86 | 36 | 86 | 221 | 526 | 1059 | 1813 | 2703 | 3563 | 4220 | 4588 | 4736 | 4788 |

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

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