

Summary of Monthly Normals  
1991-2020

Generated on 06/04/2024

Current Location: Elev: 30 ft. Lat: 37.5844° N Lon: 75.8217° W

Station: PAINTER 2 W, VA US USC00446475

| 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               | 48.2      | 30.4      | 39.3 | 3.7                   | 3.6                   | 3.5                   | 6.1                 | 3.1   | 0.7   | 0.0   | 0.0   | 0.0   | 492.6               | 551.7 | 642.3 | 796.7 | 0.0                 | 0.0       | 13.7      | 2.2       | 17.7      | 0.0      |
| 02               | 50.8      | 31.4      | 41.1 | 4.9                   | 3.7                   | 4.2                   | 7.4                 | 4.1   | 1.4   | 0.2   | 0.0   | 0.0   | 396.6               | 449.3 | 530.6 | 669.4 | 0.0                 | 0.0       | 14.9      | 0.9       | 14.9      | 0.0      |
| 03               | 57.5      | 37.3      | 47.4 | 3.8                   | 3.1                   | 3.4                   | 35.1                | 24.0  | 12.4  | 2.8   | 0.2   | 0.1   | 270.6               | 321.5 | 403.0 | 548.4 | 0.0                 | 0.0       | 23.1      | 0.1       | 9.0       | 0.0      |
| 04               | 67.9      | 46.5      | 57.2 | 2.7                   | 2.5                   | 2.5                   | 143.8               | 111.8 | 72.5  | 27.5  | 7.1   | 3.7   | 77.8                | 105.8 | 156.5 | 261.5 | 0.0                 | 0.1       | 29.2      | 0.0       | 1.0       | 0.0      |
| 05               | 75.7      | 55.7      | 65.7 | 3.1                   | 3.1                   | 3.0                   | 338.1               | 282.4 | 206.4 | 105.7 | 40.7  | 24.5  | 6.3                 | 12.7  | 29.7  | 84.0  | 0.0                 | 0.8       | 31.0      | 0.0       | 0.0       | 0.0      |
| 06               | 83.4      | 64.6      | 74.0 | 2.2                   | 2.0                   | 2.0                   | 570.1               | 510.5 | 421.9 | 279.2 | 153.6 | 112.3 | 0.1                 | 0.5   | 1.9   | 9.2   | 0.0                 | 5.3       | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 87.6      | 69.4      | 78.5 | 2.4                   | 2.1                   | 2.1                   | 728.4               | 666.4 | 573.4 | 418.4 | 265.7 | 208.1 | 0.0                 | 0.0   | 0.0   | 0.0   | 0.2                 | 11.3      | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 85.5      | 67.4      | 76.4 | 2.0                   | 2.0                   | 1.9                   | 664.9               | 602.9 | 509.9 | 355.1 | 204.9 | 150.6 | 0.0                 | 0.0   | 0.0   | 0.1   | 0.0                 | 6.7       | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 80.3      | 62.1      | 71.2 | 2.0                   | 2.3                   | 2.0                   | 486.3               | 426.8 | 338.8 | 201.9 | 91.2  | 59.6  | 0.3                 | 0.9   | 2.9   | 16.0  | 0.0                 | 1.6       | 30.0      | 0.0       | 0.0       | 0.0      |
| 10               | 70.9      | 51.3      | 61.1 | 2.1                   | 2.7                   | 2.3                   | 216.7               | 171.5 | 112.5 | 45.0  | 12.6  | 6.7   | 27.6                | 44.4  | 78.4  | 165.9 | 0.0                 | 0.1       | 31.0      | 0.0       | 0.2       | 0.0      |
| 11               | 60.2      | 41.4      | 50.8 | 3.5                   | 2.7                   | 3.0                   | 52.0                | 35.0  | 17.1  | 3.3   | 0.3   | 0.1   | 177.9               | 221.0 | 293.1 | 429.3 | 0.0                 | 0.0       | 26.8      | 0.0       | 4.6       | 0.0      |
| 12               | 52.0      | 34.2      | 43.1 | 4.6                   | 3.6                   | 4.0                   | 15.2                | 9.2   | 3.6   | 0.5   | 0.0   | 0.0   | 384.0               | 440.1 | 527.5 | 679.4 | 0.0                 | 0.0       | 18.5      | 0.6       | 13.8      | 0.0      |
| Summary          | 68.3      | 49.3      | 58.8 | 3.1                   | 2.8                   | 2.8                   | 3264                | 2848  | 2271  | 1440  | 776   | 566   | 1834                | 2148  | 2666  | 3660  | 0.2                 | 25.9      | 310.2     | 3.8       | 61.2      | 0.0      |

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

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1991-2020  
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| Precipitation (in.) |        |                     |         |         |         |                                                                                                                        |       |       |  |
|---------------------|--------|---------------------|---------|---------|---------|------------------------------------------------------------------------------------------------------------------------|-------|-------|--|
|                     | Totals | Mean Number of Days |         |         |         | Precipitation Probabilities<br>Probability that precipitation will be<br>equal to or less than<br>the indicated amount |       |       |  |
|                     | Means  | Daily Precipitation |         |         |         | Monthly Precipitation<br>vs. Probability Levels                                                                        |       |       |  |
| Month               | Mean   | >= 0.01             | >= 0.10 | >= 0.50 | >= 1.00 | 0.25                                                                                                                   | 0.50  | 0.75  |  |
| 01                  | 3.55   | 10.6                | 6.8     | 2.6     | 0.7     | 2.49                                                                                                                   | 3.61  | 4.40  |  |
| 02                  | 3.07   | 9.5                 | 5.9     | 2.0     | 0.7     | 1.78                                                                                                                   | 2.80  | 4.00  |  |
| 03                  | 3.96   | 11.2                | 7.4     | 2.7     | 0.8     | 3.07                                                                                                                   | 3.61  | 4.61  |  |
| 04                  | 3.28   | 10.1                | 6.1     | 2.2     | 0.7     | 2.22                                                                                                                   | 3.05  | 4.38  |  |
| 05                  | 3.65   | 10.4                | 6.9     | 2.8     | 0.7     | 2.32                                                                                                                   | 3.41  | 4.64  |  |
| 06                  | 4.44   | 9.7                 | 6.7     | 3.3     | 1.3     | 2.90                                                                                                                   | 4.09  | 5.71  |  |
| 07                  | 4.99   | 10.3                | 6.9     | 3.0     | 1.3     | 3.18                                                                                                                   | 4.89  | 6.00  |  |
| 08                  | 4.48   | 10.0                | 6.5     | 2.9     | 1.2     | 2.34                                                                                                                   | 3.70  | 6.42  |  |
| 09                  | 4.53   | 8.2                 | 5.4     | 2.3     | 1.2     | 2.12                                                                                                                   | 4.28  | 5.63  |  |
| 10                  | 4.28   | 8.9                 | 5.3     | 2.3     | 1.1     | 3.20                                                                                                                   | 4.30  | 5.85  |  |
| 11                  | 3.05   | 8.8                 | 5.2     | 2.1     | 0.7     | 1.56                                                                                                                   | 2.87  | 4.25  |  |
| 12                  | 3.94   | 11.2                | 7.1     | 2.6     | 1.0     | 2.91                                                                                                                   | 3.79  | 4.91  |  |
| Summary             | 47.22  | 118.9               | 76.2    | 30.8    | 11.4    | 30.09                                                                                                                  | 44.40 | 60.80 |  |

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1991-2020

Generated on 06/04/2024

Current Location: Elev: 30 ft. Lat: 37.5844° N Lon: 75.8217° W  
Station: PAINTER 2 W, VA US USC00446475

| Snow (in.) |                  |                        |     |     |      |       |                          |     |     |     |                                                                                                   |      |      |
|------------|------------------|------------------------|-----|-----|------|-------|--------------------------|-----|-----|-----|---------------------------------------------------------------------------------------------------|------|------|
|            | Totals           | Mean Number of Days    |     |     |      |       |                          |     |     |     | Snow Probabilities<br>Probability that snow will be equal to<br>or less than the indicated amount |      |      |
|            | Means            | Snowfall >= Thresholds |     |     |      |       | Snow Depth >= Thresholds |     |     |     | Monthly Snow vs. Probability Levels<br>Values derived from the<br>incomplete gamma distribution.  |      |      |
| Month      | Snowfall<br>Mean | 0.01                   | 1.0 | 3.0 | 5.00 | 10.00 | 1                        | 3   | 5   | 10  | .25                                                                                               | .50  | .75  |
| 01         | 3.40             | 1.2                    | 1.0 | 0.5 | 0.2  | 0.0   | 2.5                      | 0.9 | 0.3 | 0.0 | 0.00                                                                                              | 1.50 | 6.60 |
| 02         | 1.50             | 0.9                    | 0.7 | 0.1 | 0.0  | 0.0   | 1.4                      | 0.6 | 0.4 | 0.0 | 0.00                                                                                              | 0.60 | 2.30 |
| 03         | 0.50             | 0.4                    | 0.4 | 0.0 | 0.0  | 0.0   | 0.4                      | 0.0 | 0.0 | 0.0 | 0.00                                                                                              | 0.00 | 0.00 |
| 04         | 0.00             | 0.0                    | 0.0 | 0.0 | 0.0  | 0.0   | 0.1                      | 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         | 0.00             | 0.0                    | 0.0 | 0.0 | 0.0  | 0.0   | 0.0                      | 0.0 | 0.0 | 0.0 | 0.00                                                                                              | 0.00 | 0.00 |
| 12         | 1.20             | 0.7                    | 0.5 | 0.2 | 0.0  | 0.0   | 0.8                      | 0.4 | 0.2 | 0.1 | 0.00                                                                                              | 0.00 | 0.60 |
| Summary    | 6.6              | 3.2                    | 2.6 | 0.8 | 0.2  | 0.0   | 5.2                      | 1.9 | 0.9 | 0.1 | 0.0                                                                                               | 2.1  | 9.5  |

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Current Location: Elev: 30 ft. Lat: 37.5844° N Lon: 75.8217° W  
Station: PAINTER 2 W, VA US USC00446475

| 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                                      | 109.5 | 115.4 | 259.8 | 517.0 | 796.7 | 1019.9 | 1193.3 | 1129.9 | 935.9 | 654.1 | 333.7 | 161.3 |
| 45                                      | 52.8  | 56.9  | 155.0 | 374.0 | 641.7 | 869.9  | 1038.3 | 974.9  | 785.9 | 499.9 | 210.0 | 84.4  |
| 50                                      | 20.6  | 23.6  | 79.8  | 245.4 | 487.2 | 720.0  | 883.4  | 819.9  | 635.9 | 350.8 | 115.8 | 40.0  |
| 55                                      | 6.1   | 7.4   | 35.1  | 143.8 | 338.1 | 570.1  | 728.4  | 664.9  | 486.3 | 216.7 | 52.0  | 15.2  |
| 60                                      | 0.7   | 1.4   | 12.4  | 72.5  | 206.4 | 421.9  | 573.4  | 509.9  | 338.8 | 112.5 | 17.1  | 3.6   |
| Growing Degree Units for Corn (Monthly) |       |       |       |       |       |        |        |        |       |       |       |       |
| 50/86                                   | 55.7  | 65.9  | 144.4 | 302.6 | 499.6 | 699.0  | 837.3  | 793.3  | 632.3 | 391.1 | 176.3 | 81.3  |

| Growing Degree Units (Accumulated Monthly)          |     |     |     |      |      |      |      |      |      |      |      |      |
|-----------------------------------------------------|-----|-----|-----|------|------|------|------|------|------|------|------|------|
| 40                                                  | 110 | 225 | 485 | 1002 | 1798 | 2818 | 4012 | 5142 | 6077 | 6732 | 7065 | 7226 |
| 45                                                  | 53  | 110 | 265 | 639  | 1280 | 2150 | 3189 | 4164 | 4949 | 5449 | 5659 | 5744 |
| 50                                                  | 21  | 44  | 124 | 369  | 857  | 1577 | 2460 | 3280 | 3916 | 4267 | 4382 | 4422 |
| 55                                                  | 6   | 14  | 49  | 192  | 530  | 1101 | 1829 | 2494 | 2980 | 3197 | 3249 | 3264 |
| 60                                                  | 1   | 2   | 14  | 87   | 293  | 715  | 1289 | 1799 | 2137 | 2250 | 2267 | 2271 |
| Growing Degree Units for Corn (Monthly Accumulated) |     |     |     |      |      |      |      |      |      |      |      |      |
| 50/86                                               | 56  | 122 | 266 | 569  | 1068 | 1767 | 2604 | 3398 | 4030 | 4421 | 4598 | 4679 |

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