

Summary of Monthly Normals  
1991-2020

Generated on 06/03/2024

Current Location: Elev: 19 ft. Lat: 37.2389° N Lon: 77.3925° W

Station: PETERSBURG, VA US USC00446656

| 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               | 49.1      | 28.3      | 38.7 | 3.5                   | 3.8                   | 3.5                   | 6.1                 | 3.4   | 1.1   | 0.0   | 0.0   | 0.0   | 511.2               | 570.6 | 661.3 | 815.2 | 0.0                 | 0.0       | 14.4      | 2.6       | 21.8      | 0.1      |
| 02               | 52.2      | 29.1      | 40.7 | 4.5                   | 3.6                   | 3.9                   | 9.3                 | 5.8   | 2.3   | 0.2   | 0.0   | 0.0   | 411.0               | 463.4 | 544.1 | 681.9 | 0.0                 | 0.0       | 16.2      | 0.8       | 19.8      | 0.0      |
| 03               | 60.1      | 36.1      | 48.1 | 4.3                   | 3.5                   | 3.7                   | 47.5                | 33.7  | 18.4  | 5.6   | 0.6   | 0.2   | 261.4               | 309.5 | 387.2 | 529.4 | 0.0                 | 0.0       | 25.4      | 0.2       | 12.2      | 0.0      |
| 04               | 70.4      | 45.6      | 58.0 | 2.7                   | 2.2                   | 2.2                   | 154.0               | 120.4 | 78.6  | 32.6  | 8.4   | 3.9   | 64.1                | 90.5  | 138.6 | 242.6 | 0.0                 | 0.3       | 29.5      | 0.0       | 1.4       | 0.0      |
| 05               | 78.2      | 55.0      | 66.6 | 3.1                   | 3.8                   | 3.2                   | 364.1               | 307.5 | 228.3 | 119.6 | 45.4  | 26.4  | 4.5                 | 9.9   | 23.8  | 70.0  | 0.0                 | 1.8       | 31.0      | 0.0       | 0.0       | 0.0      |
| 06               | 85.5      | 64.2      | 74.8 | 2.2                   | 2.2                   | 1.9                   | 595.5               | 535.7 | 445.9 | 299.0 | 165.8 | 121.0 | 0.1                 | 0.1   | 0.4   | 3.5   | 0.3                 | 8.0       | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 89.3      | 69.0      | 79.2 | 2.2                   | 1.9                   | 1.8                   | 748.5               | 686.5 | 593.5 | 438.6 | 284.4 | 224.9 | 0.0                 | 0.0   | 0.0   | 0.0   | 0.8                 | 16.3      | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 87.4      | 67.3      | 77.4 | 2.7                   | 2.0                   | 2.2                   | 692.8               | 630.8 | 537.8 | 383.0 | 231.7 | 175.3 | 0.0                 | 0.0   | 0.0   | 0.2   | 0.3                 | 12.3      | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 81.5      | 60.8      | 71.1 | 2.7                   | 2.8                   | 2.3                   | 484.9               | 425.5 | 337.8 | 203.9 | 97.1  | 65.1  | 0.5                 | 1.0   | 3.3   | 19.5  | 0.0                 | 4.4       | 30.0      | 0.0       | 0.0       | 0.0      |
| 10               | 71.6      | 48.0      | 59.8 | 2.4                   | 2.8                   | 2.3                   | 189.9               | 147.4 | 94.7  | 39.2  | 12.0  | 6.8   | 41.0                | 60.6  | 100.9 | 200.4 | 0.1                 | 0.4       | 30.7      | 0.0       | 0.8       | 0.0      |
| 11               | 61.5      | 37.3      | 49.4 | 3.9                   | 3.0                   | 3.2                   | 43.7                | 28.7  | 13.7  | 2.6   | 0.2   | 0.0   | 211.6               | 256.7 | 331.6 | 470.5 | 0.0                 | 0.0       | 26.7      | 0.0       | 10.2      | 0.0      |
| 12               | 52.6      | 30.6      | 41.6 | 4.2                   | 4.1                   | 4.0                   | 11.0                | 6.8   | 2.8   | 0.4   | 0.0   | 0.0   | 426.3               | 484.0 | 573.1 | 725.7 | 0.0                 | 0.0       | 18.8      | 0.4       | 19.0      | 0.0      |
| Summary          | 70.0      | 47.6      | 58.8 | 3.2                   | 3.0                   | 2.9                   | 3347                | 2932  | 2355  | 1525  | 846   | 624   | 1932                | 2246  | 2764  | 3759  | 1.5                 | 43.5      | 314.7     | 4.0       | 85.2      | 0.1      |

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<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                  | 3.02   | 9.3                 | 6.2     | 2.0     | 0.4     | 2.01                                                                                                                   | 2.63  | 3.67  |
| 02                  | 2.70   | 8.9                 | 5.9     | 1.7     | 0.6     | 1.65                                                                                                                   | 2.51  | 3.37  |
| 03                  | 4.37   | 9.8                 | 7.0     | 2.7     | 0.7     | 3.48                                                                                                                   | 4.01  | 5.34  |
| 04                  | 3.62   | 10.6                | 6.6     | 2.5     | 1.1     | 2.82                                                                                                                   | 3.34  | 4.39  |
| 05                  | 4.37   | 11.6                | 8.2     | 3.0     | 1.3     | 3.42                                                                                                                   | 3.89  | 4.85  |
| 06                  | 4.23   | 10.0                | 7.0     | 2.9     | 1.5     | 1.85                                                                                                                   | 3.94  | 5.94  |
| 07                  | 4.70   | 9.2                 | 7.0     | 3.2     | 1.4     | 3.60                                                                                                                   | 4.46  | 5.30  |
| 08                  | 5.31   | 10.4                | 7.1     | 3.5     | 1.6     | 3.07                                                                                                                   | 4.58  | 7.07  |
| 09                  | 4.63   | 8.3                 | 5.2     | 2.2     | 1.2     | 2.40                                                                                                                   | 4.34  | 6.27  |
| 10                  | 3.41   | 8.6                 | 5.3     | 2.1     | 1.5     | 2.27                                                                                                                   | 3.35  | 4.34  |
| 11                  | 3.16   | 8.7                 | 6.1     | 2.4     | 0.9     | 1.51                                                                                                                   | 3.03  | 3.94  |
| 12                  | 3.47   | 9.8                 | 6.7     | 2.8     | 1.0     | 2.01                                                                                                                   | 3.12  | 4.55  |
| Summary             | 46.99  | 115.2               | 78.3    | 31.0    | 13.2    | 30.09                                                                                                                  | 43.20 | 59.03 |

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| 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                                      | 105.7 | 115.3 | 277.7 | 540.9 | 824.6 | 1045.4 | 1213.4 | 1157.7 | 934.3 | 614.0 | 296.2 | 133.3 |
| 45                                      | 51.2  | 61.2  | 172.5 | 395.8 | 669.6 | 895.4  | 1058.4 | 1002.7 | 784.3 | 461.0 | 178.1 | 66.9  |
| 50                                      | 20.9  | 27.2  | 97.6  | 262.8 | 515.0 | 745.5  | 903.5  | 847.8  | 634.4 | 316.2 | 95.8  | 30.0  |
| 55                                      | 6.1   | 9.3   | 47.5  | 154.0 | 364.1 | 595.5  | 748.5  | 692.8  | 484.9 | 189.9 | 43.7  | 11.0  |
| 60                                      | 1.1   | 2.3   | 18.4  | 78.6  | 228.3 | 445.9  | 593.5  | 537.8  | 337.8 | 94.7  | 13.7  | 2.8   |
| Growing Degree Units for Corn (Monthly) |       |       |       |       |       |        |        |        |       |       |       |       |
| 50/86                                   | 68.6  | 84.4  | 180.0 | 332.8 | 527.6 | 713.0  | 839.3  | 802.5  | 621.8 | 375.4 | 185.8 | 87.9  |

| Growing Degree Units (Accumulated Monthly)          |     |     |     |      |      |      |      |      |      |      |      |      |
|-----------------------------------------------------|-----|-----|-----|------|------|------|------|------|------|------|------|------|
| 40                                                  | 106 | 221 | 499 | 1040 | 1864 | 2910 | 4123 | 5281 | 6215 | 6829 | 7125 | 7258 |
| 45                                                  | 51  | 112 | 285 | 681  | 1350 | 2246 | 3304 | 4307 | 5091 | 5552 | 5730 | 5797 |
| 50                                                  | 21  | 48  | 146 | 408  | 924  | 1669 | 2572 | 3420 | 4055 | 4371 | 4467 | 4497 |
| 55                                                  | 6   | 15  | 63  | 217  | 581  | 1176 | 1925 | 2618 | 3103 | 3293 | 3336 | 3347 |
| 60                                                  | 1   | 3   | 22  | 100  | 329  | 775  | 1368 | 1906 | 2244 | 2338 | 2352 | 2355 |
| Growing Degree Units for Corn (Monthly Accumulated) |     |     |     |      |      |      |      |      |      |      |      |      |
| 50/86                                               | 69  | 153 | 333 | 666  | 1193 | 1906 | 2746 | 3548 | 4170 | 4545 | 4731 | 4819 |

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.