

Summary of Monthly Normals  
1991-2020

Current Location: Elev: 660 ft. Lat: 41.3300° N Lon: 77.7381° W  
Station: **RENOVO, PA US USC00367409**

Generated on 04/27/2024

| 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               | 34.1      | 18.8      | 26.5 | 4.0                   | 5.1                   | 4.5                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 884.9               | 946.8 | 1039.8 | 1194.9 | 0.0                 | 0.0       | 2.5       | 11.8      | 27.9      | 2.3      |
| 02               | 37.8      | 19.5      | 28.7 | 4.6                   | 5.5                   | 4.9                   | 0.2                 | 0.1   | 0.0   | 0.0   | 0.0  | 0.0  | 737.9               | 793.8 | 877.7  | 1017.7 | 0.0                 | 0.0       | 3.8       | 7.3       | 25.7      | 1.4      |
| 03               | 47.1      | 26.3      | 36.7 | 4.9                   | 3.6                   | 4.1                   | 3.9                 | 2.3   | 0.8   | 0.1   | 0.0  | 0.0  | 571.2               | 631.5 | 723.1  | 877.3  | 0.0                 | 0.0       | 11.7      | 2.1       | 23.6      | 0.4      |
| 04               | 60.7      | 36.0      | 48.3 | 3.4                   | 2.1                   | 2.4                   | 38.6                | 26.2  | 13.5  | 3.3   | 0.5  | 0.1  | 238.1               | 285.8 | 363.0  | 502.8  | 0.0                 | 0.2       | 24.7      | 0.0       | 11.7      | 0.0      |
| 05               | 71.9      | 46.4      | 59.2 | 3.6                   | 3.5                   | 3.4                   | 176.4               | 136.9 | 88.8  | 35.4  | 9.3  | 4.5  | 47.8                | 70.4  | 115.3  | 216.8  | 0.0                 | 0.8       | 30.9      | 0.0       | 1.6       | 0.0      |
| 06               | 79.1      | 55.5      | 67.3 | 2.2                   | 1.8                   | 1.8                   | 372.0               | 314.9 | 232.8 | 116.3 | 39.8 | 21.7 | 3.1                 | 5.9   | 13.9   | 47.3   | 0.0                 | 2.6       | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 83.0      | 60.0      | 71.5 | 2.7                   | 2.0                   | 2.1                   | 511.4               | 449.4 | 356.5 | 207.8 | 88.9 | 54.9 | 0.0                 | 0.0   | 0.0    | 6.3    | 0.1                 | 5.3       | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 81.4      | 58.9      | 70.2 | 2.7                   | 2.2                   | 2.2                   | 469.7               | 407.8 | 315.5 | 171.5 | 64.7 | 37.2 | 0.1                 | 0.2   | 0.9    | 12.0   | 0.0                 | 3.3       | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 74.6      | 52.1      | 63.3 | 2.5                   | 2.7                   | 2.1                   | 262.8               | 211.6 | 144.2 | 60.9  | 16.5 | 8.5  | 12.4                | 21.3  | 43.8   | 110.4  | 0.0                 | 1.0       | 30.0      | 0.0       | 0.1       | 0.0      |
| 10               | 62.3      | 40.8      | 51.6 | 2.6                   | 2.6                   | 2.2                   | 56.8                | 38.7  | 20.4  | 5.5   | 0.8  | 0.3  | 163.7               | 207.7 | 282.3  | 422.4  | 0.0                 | 0.0       | 28.5      | 0.0       | 4.7       | 0.0      |
| 11               | 49.7      | 31.6      | 40.7 | 4.5                   | 2.3                   | 3.2                   | 3.5                 | 1.7   | 0.5   | 0.0   | 0.0  | 0.0  | 434.0               | 492.1 | 581.0  | 730.5  | 0.0                 | 0.0       | 15.3      | 0.6       | 17.7      | 0.0      |
| 12               | 38.7      | 24.9      | 31.8 | 4.1                   | 4.0                   | 3.9                   | 0.2                 | 0.1   | 0.0   | 0.0   | 0.0  | 0.0  | 719.4               | 781.3 | 874.2  | 1029.1 | 0.0                 | 0.0       | 3.6       | 6.2       | 25.5      | 0.2      |
| Summary          | 60.0      | 39.2      | 49.6 | 3.5                   | 3.1                   | 3.1                   | 1896                | 1590  | 1173  | 601   | 220  | 127  | 3813                | 4237  | 4915   | 6168   | 0.1                 | 13.2      | 243.0     | 28.0      | 138.5     | 4.3      |

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

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Summary of Monthly Normals  
1991-2020  
Generated on 04/27/2024

| 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                  | 2.74   | 13.9                | 6.4     | 1.6     | 0.4     | 1.64                                                                                                                   | 2.50  | 3.56  |  |
| 02                  | 2.21   | 11.6                | 6.0     | 1.3     | 0.1     | 1.38                                                                                                                   | 2.12  | 2.77  |  |
| 03                  | 3.06   | 12.0                | 7.2     | 1.9     | 0.5     | 2.50                                                                                                                   | 3.10  | 3.58  |  |
| 04                  | 3.61   | 13.5                | 8.3     | 2.4     | 0.5     | 2.35                                                                                                                   | 3.37  | 3.97  |  |
| 05                  | 3.85   | 14.0                | 9.1     | 2.6     | 0.5     | 2.72                                                                                                                   | 3.59  | 4.59  |  |
| 06                  | 4.02   | 12.9                | 8.5     | 2.6     | 0.9     | 3.09                                                                                                                   | 3.78  | 4.75  |  |
| 07                  | 3.95   | 12.1                | 7.8     | 2.8     | 0.9     | 2.19                                                                                                                   | 3.31  | 5.04  |  |
| 08                  | 3.72   | 10.8                | 6.9     | 2.5     | 0.7     | 2.45                                                                                                                   | 3.74  | 4.39  |  |
| 09                  | 4.30   | 11.2                | 7.0     | 2.7     | 1.1     | 2.42                                                                                                                   | 3.47  | 5.35  |  |
| 10                  | 3.51   | 12.6                | 7.0     | 2.3     | 0.8     | 2.33                                                                                                                   | 3.29  | 4.35  |  |
| 11                  | 3.12   | 11.9                | 5.7     | 1.9     | 0.7     | 1.95                                                                                                                   | 2.91  | 4.26  |  |
| 12                  | 3.13   | 13.9                | 6.6     | 2.1     | 0.4     | 2.19                                                                                                                   | 3.06  | 3.85  |  |
| Summary             | 41.22  | 150.4               | 86.5    | 26.7    | 7.5     | 27.21                                                                                                                  | 38.24 | 50.46 |  |

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  
  
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**Summary of Monthly Normals**  
**1991-2020**  
Generated on 04/27/2024

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

| 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         | 9.00             | 6.5                    | 3.5  | 0.9 | 0.3  | 0.0   | 14.8                     | 7.5  | 4.6  | 1.6 | 3.80                                                                                              | 6.70 | 14.00 |
| 02         | 9.50             | 5.1                    | 2.9  | 0.8 | 0.3  | 0.0   | 12.8                     | 8.1  | 6.1  | 2.1 | 2.90                                                                                              | 8.00 | 15.70 |
| 03         | 5.20             | 2.7                    | 1.7  | 0.6 | 0.3  | 0.1   | 6.5                      | 4.0  | 3.0  | 1.3 | 1.30                                                                                              | 2.70 | 7.70  |
| 04         | 0.70             | 0.4                    | 0.3  | 0.1 | 0.0  | 0.0   | 0.3                      | 0.1  | 0.0  | 0.0 | 0.00                                                                                              | 0.00 | 0.30  |
| 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         | 0.10             | 0.1                    | 0.1  | 0.0 | 0.0  | 0.0   | 0.0                      | 0.0  | 0.0  | 0.0 | 0.00                                                                                              | 0.00 | 0.00  |
| 11         | 1.50             | 1.0                    | 0.5  | 0.1 | 0.1  | 0.0   | 1.0                      | 0.3  | 0.1  | 0.0 | 0.00                                                                                              | 0.00 | 2.00  |
| 12         | 6.70             | 3.7                    | 1.7  | 0.7 | 0.4  | 0.1   | 7.8                      | 3.5  | 1.9  | 0.5 | 0.60                                                                                              | 5.80 | 9.90  |
| Summary    | 32.7             | 19.5                   | 10.7 | 3.2 | 1.4  | 0.2   | 43.2                     | 23.5 | 15.7 | 5.5 | 8.6                                                                                               | 23.2 | 49.6  |

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1991-2020  
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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                                      | 8.4 | 10.4 | 73.2 | 272.5 | 594.0 | 818.9 | 976.4 | 934.6 | 700.4 | 363.1 | 106.7 | 20.8 |
| 45                                      | 2.3 | 2.5  | 33.3 | 164.1 | 441.3 | 668.9 | 821.4 | 779.6 | 550.6 | 228.0 | 47.4  | 6.6  |
| 50                                      | 0.3 | 0.5  | 12.9 | 86.2  | 297.5 | 519.3 | 666.4 | 624.6 | 402.6 | 123.9 | 16.3  | 1.8  |
| 55                                      | 0.0 | 0.2  | 3.9  | 38.6  | 176.4 | 372.0 | 511.4 | 469.7 | 262.8 | 56.8  | 3.5   | 0.2  |
| 60                                      | 0.0 | 0.0  | 0.8  | 13.5  | 88.8  | 232.8 | 356.5 | 315.5 | 144.2 | 20.4  | 0.5   | 0.0  |
| Growing Degree Units for Corn (Monthly) |     |      |      |       |       |       |       |       |       |       |       |      |
| 50/86                                   | 4.7 | 9.6  | 55.2 | 180.0 | 367.2 | 525.7 | 651.6 | 616.5 | 431.2 | 208.5 | 61.2  | 9.5  |

| Growing Degree Units (Accumulated Monthly)          |   |    |    |     |     |      |      |      |      |      |      |      |
|-----------------------------------------------------|---|----|----|-----|-----|------|------|------|------|------|------|------|
| 40                                                  | 8 | 19 | 92 | 364 | 958 | 1777 | 2754 | 3688 | 4389 | 4752 | 4859 | 4879 |
| 45                                                  | 2 | 5  | 38 | 202 | 644 | 1312 | 2134 | 2913 | 3464 | 3692 | 3739 | 3746 |
| 50                                                  | 0 | 1  | 14 | 100 | 397 | 917  | 1583 | 2208 | 2610 | 2734 | 2750 | 2752 |
| 55                                                  | 0 | 0  | 4  | 43  | 219 | 591  | 1102 | 1572 | 1835 | 1892 | 1895 | 1896 |
| 60                                                  | 0 | 0  | 1  | 14  | 103 | 336  | 692  | 1008 | 1152 | 1172 | 1173 | 1173 |
| Growing Degree Units for Corn (Monthly Accumulated) |   |    |    |     |     |      |      |      |      |      |      |      |
| 50/86                                               | 5 | 14 | 70 | 250 | 617 | 1142 | 1794 | 2410 | 2842 | 3050 | 3111 | 3121 |

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.