

Summary of Monthly Normals  
1991-2020

Generated on 05/03/2024

Current Location: Elev: 880 ft. Lat: 42.7314° N Lon: 77.9053° W  
Station: MT MORRIS 2 W, NY US USC00305597

| 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               | 31.4      | 15.4      | 23.4 | 4.8                   | 5.7                   | 5.2                   | 0.1                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 979.5               | 1041.4 | 1134.4 | 1289.4 | 0.0                 | 0.0       | 2.7       | 16.4      | 28.4      | 3.5      |
| 02               | 33.7      | 17.2      | 25.5 | 5.3                   | 5.7                   | 5.4                   | 0.2                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 827.5               | 883.4  | 967.4  | 1107.4 | 0.0                 | 0.0       | 3.1       | 12.4      | 26.0      | 2.0      |
| 03               | 42.2      | 24.1      | 33.1 | 5.2                   | 4.4                   | 4.7                   | 4.8                 | 3.4   | 1.9   | 0.3   | 0.0  | 0.0  | 682.0               | 742.7  | 834.2  | 987.6  | 0.0                 | 0.0       | 8.8       | 6.8       | 24.7      | 0.5      |
| 04               | 55.7      | 34.8      | 45.3 | 3.8                   | 2.9                   | 3.2                   | 28.2                | 19.4  | 10.4  | 3.2   | 0.5  | 0.2  | 320.7               | 371.9  | 452.9  | 595.7  | 0.0                 | 0.0       | 20.5      | 0.6       | 12.7      | 0.0      |
| 05               | 68.8      | 46.6      | 57.7 | 4.2                   | 3.3                   | 3.6                   | 161.5               | 126.9 | 84.5  | 37.7  | 12.0 | 6.5  | 77.9                | 105.2  | 155.9  | 264.0  | 0.0                 | 0.5       | 29.5      | 0.0       | 0.7       | 0.0      |
| 06               | 76.6      | 55.5      | 66.0 | 2.4                   | 1.8                   | 1.8                   | 336.8               | 281.3 | 204.7 | 100.3 | 35.0 | 20.2 | 5.3                 | 9.9    | 23.2   | 68.9   | 0.0                 | 1.6       | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 80.7      | 60.0      | 70.4 | 3.0                   | 2.4                   | 2.6                   | 475.8               | 413.8 | 322.1 | 181.2 | 74.1 | 45.7 | 0.0                 | 0.1    | 1.3    | 15.4   | 0.0                 | 2.9       | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 79.2      | 58.4      | 68.8 | 2.4                   | 2.2                   | 2.1                   | 428.0               | 366.6 | 276.5 | 142.1 | 49.3 | 27.0 | 0.3                 | 0.8    | 3.8    | 24.3   | 0.0                 | 1.4       | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 73.0      | 51.0      | 62.0 | 2.5                   | 2.6                   | 2.4                   | 232.6               | 185.9 | 124.3 | 51.4  | 14.8 | 7.9  | 22.7                | 36.0   | 64.4   | 141.5  | 0.0                 | 0.6       | 30.0      | 0.0       | 0.1       | 0.0      |
| 10               | 60.4      | 40.9      | 50.6 | 2.8                   | 2.7                   | 2.5                   | 55.4                | 39.3  | 21.2  | 5.6   | 0.7  | 0.3  | 190.2               | 236.1  | 311.0  | 450.4  | 0.0                 | 0.0       | 26.0      | 0.0       | 4.5       | 0.0      |
| 11               | 48.3      | 31.9      | 40.1 | 5.3                   | 3.0                   | 4.1                   | 6.6                 | 3.0   | 0.9   | 0.0   | 0.0  | 0.0  | 453.6               | 510.0  | 598.0  | 747.0  | 0.0                 | 0.0       | 12.9      | 1.7       | 17.1      | 0.0      |
| 12               | 36.7      | 23.2      | 30.0 | 4.9                   | 4.2                   | 4.5                   | 0.4                 | 0.2   | 0.1   | 0.0   | 0.0  | 0.0  | 776.9               | 838.7  | 931.6  | 1086.5 | 0.0                 | 0.0       | 4.5       | 10.4      | 26.2      | 0.4      |
| Summary          | 57.2      | 38.2      | 47.7 | 3.9                   | 3.4                   | 3.5                   | 1730                | 1440  | 1047  | 522   | 186  | 108  | 4337                | 4776   | 5478   | 6778   | 0.0                 | 7.0       | 230.0     | 48.3      | 140.4     | 6.4      |

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                  | 1.87   | 16.1                | 5.7     | 0.9     | 0.1     | 1.10                                                                                                                   | 1.71  | 2.33  |
| 02                  | 1.49   | 12.2                | 4.9     | 0.8     | 0.1     | 1.00                                                                                                                   | 1.41  | 1.94  |
| 03                  | 2.14   | 11.8                | 5.5     | 1.1     | 0.1     | 1.67                                                                                                                   | 2.15  | 2.69  |
| 04                  | 2.65   | 12.8                | 6.9     | 1.6     | 0.3     | 1.96                                                                                                                   | 2.32  | 3.51  |
| 05                  | 3.12   | 12.8                | 7.3     | 2.0     | 0.6     | 2.11                                                                                                                   | 2.93  | 3.99  |
| 06                  | 3.84   | 12.2                | 7.1     | 2.4     | 0.8     | 3.01                                                                                                                   | 3.77  | 4.37  |
| 07                  | 4.10   | 11.4                | 7.7     | 2.6     | 1.0     | 2.74                                                                                                                   | 3.95  | 4.94  |
| 08                  | 3.35   | 11.0                | 6.7     | 2.3     | 0.8     | 2.39                                                                                                                   | 3.26  | 4.13  |
| 09                  | 3.00   | 11.2                | 6.7     | 2.0     | 0.8     | 2.01                                                                                                                   | 2.82  | 3.82  |
| 10                  | 3.06   | 14.1                | 7.6     | 1.7     | 0.5     | 1.85                                                                                                                   | 2.64  | 4.27  |
| 11                  | 2.33   | 11.6                | 5.5     | 1.5     | 0.4     | 1.76                                                                                                                   | 2.40  | 3.15  |
| 12                  | 2.10   | 13.3                | 6.0     | 1.0     | 0.2     | 1.68                                                                                                                   | 2.06  | 2.53  |
| Summary             | 33.05  | 150.5               | 77.6    | 19.9    | 5.7     | 23.28                                                                                                                  | 31.42 | 41.67 |

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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                                      | 10.9 | 12.8 | 54.0 | 211.4 | 549.4 | 781.5 | 940.8 | 892.7 | 660.0 | 340.2 | 111.4 | 22.1 |
| 45                                      | 3.9  | 4.4  | 25.6 | 124.0 | 400.3 | 631.5 | 785.7 | 737.7 | 510.6 | 212.6 | 56.0  | 7.4  |
| 50                                      | 1.3  | 1.3  | 10.8 | 63.6  | 267.8 | 482.1 | 630.7 | 582.7 | 365.0 | 117.3 | 22.6  | 2.1  |
| 55                                      | 0.1  | 0.2  | 4.8  | 28.2  | 161.5 | 336.8 | 475.8 | 428.0 | 232.6 | 55.4  | 6.6   | 0.4  |
| 60                                      | 0.0  | 0.0  | 1.9  | 10.4  | 84.5  | 204.7 | 322.1 | 276.5 | 124.3 | 21.2  | 0.9   | 0.1  |
| Growing Degree Units for Corn (Monthly) |      |      |      |       |       |       |       |       |       |       |       |      |
| 50/86                                   | 6.4  | 7.8  | 36.4 | 130.6 | 324.0 | 489.8 | 622.6 | 581.0 | 397.3 | 183.6 | 60.6  | 10.6 |

| Growing Degree Units (Accumulated Monthly)          |    |    |    |     |     |      |      |      |      |      |      |      |
|-----------------------------------------------------|----|----|----|-----|-----|------|------|------|------|------|------|------|
| 40                                                  | 11 | 24 | 78 | 289 | 838 | 1620 | 2561 | 3454 | 4114 | 4454 | 4565 | 4587 |
| 45                                                  | 4  | 8  | 34 | 158 | 558 | 1190 | 1975 | 2713 | 3224 | 3436 | 3492 | 3500 |
| 50                                                  | 1  | 3  | 13 | 77  | 345 | 827  | 1458 | 2040 | 2405 | 2523 | 2545 | 2547 |
| 55                                                  | 0  | 0  | 5  | 33  | 195 | 532  | 1007 | 1435 | 1668 | 1723 | 1730 | 1730 |
| 60                                                  | 0  | 0  | 2  | 12  | 97  | 302  | 624  | 900  | 1024 | 1046 | 1047 | 1047 |
| Growing Degree Units for Corn (Monthly Accumulated) |    |    |    |     |     |      |      |      |      |      |      |      |
| 50/86                                               | 6  | 14 | 51 | 181 | 505 | 995  | 1618 | 2199 | 2596 | 2780 | 2840 | 2851 |

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.