

Summary of Monthly Normals  
1991-2020

Current Location: Elev: 6820 ft. Lat: 37.8736° N Lon: 109.3075° W  
Station: MONTICELLO 2E, UT US USC00425805

Generated on 06/03/2024

| 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               | 36.3      | 15.2      | 25.7 | 4.4                   | 4.6                   | 4.1                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 906.6               | 968.6 | 1061.7 | 1216.7 | 0.0                 | 0.0       | 1.3       | 10.3      | 30.3      | 2.7      |
| 02               | 40.5      | 19.6      | 30.1 | 4.6                   | 3.8                   | 3.9                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 698.5               | 754.5 | 838.5  | 978.5  | 0.0                 | 0.0       | 2.8       | 4.0       | 26.9      | 0.8      |
| 03               | 50.4      | 25.6      | 38.0 | 3.5                   | 2.8                   | 2.7                   | 0.1                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 527.1               | 589.0 | 682.0  | 837.0  | 0.0                 | 0.0       | 16.8      | 0.9       | 26.3      | 0.3      |
| 04               | 59.0      | 31.3      | 45.1 | 3.3                   | 2.2                   | 2.5                   | 5.1                 | 1.8   | 0.2   | 0.0   | 0.0  | 0.0  | 300.5               | 357.2 | 445.6  | 595.5  | 0.0                 | 0.0       | 24.6      | 0.1       | 19.0      | 0.0      |
| 05               | 69.1      | 38.8      | 54.0 | 3.8                   | 2.1                   | 2.7                   | 69.1                | 43.7  | 19.8  | 3.8   | 0.4  | 0.1  | 101.6               | 138.2 | 207.4  | 346.3  | 0.0                 | 0.1       | 30.4      | 0.0       | 5.7       | 0.0      |
| 06               | 80.8      | 46.9      | 63.8 | 3.6                   | 2.4                   | 2.9                   | 274.0               | 220.7 | 147.0 | 53.7  | 8.9  | 3.3  | 8.6                 | 15.3  | 31.5   | 88.2   | 0.0                 | 1.2       | 30.0      | 0.0       | 0.6       | 0.0      |
| 07               | 85.3      | 53.6      | 69.5 | 2.2                   | 2.2                   | 1.9                   | 447.8               | 385.9 | 293.3 | 146.9 | 40.7 | 18.5 | 0.1                 | 0.2   | 0.5    | 9.0    | 0.0                 | 5.7       | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 82.1      | 52.9      | 67.5 | 2.5                   | 1.9                   | 2.0                   | 387.5               | 325.9 | 234.6 | 96.7  | 17.2 | 6.6  | 0.1                 | 0.6   | 2.2    | 19.2   | 0.0                 | 1.1       | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 75.0      | 44.7      | 59.8 | 2.8                   | 2.1                   | 2.0                   | 170.7               | 124.6 | 68.1  | 13.6  | 0.9  | 0.2  | 25.4                | 39.2  | 72.7   | 168.1  | 0.0                 | 0.0       | 30.0      | 0.0       | 1.3       | 0.0      |
| 10               | 61.5      | 33.7      | 47.6 | 3.5                   | 2.7                   | 2.6                   | 10.9                | 4.1   | 0.7   | 0.0   | 0.0  | 0.0  | 240.2               | 295.4 | 385.0  | 539.4  | 0.0                 | 0.0       | 27.2      | 0.2       | 13.7      | 0.0      |
| 11               | 48.1      | 23.7      | 35.9 | 5.1                   | 2.3                   | 3.4                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 573.1               | 633.0 | 723.0  | 873.0  | 0.0                 | 0.0       | 12.7      | 2.4       | 26.3      | 0.1      |
| 12               | 36.0      | 16.2      | 26.1 | 3.6                   | 3.5                   | 3.2                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 895.7               | 957.7 | 1050.8 | 1205.9 | 0.0                 | 0.0       | 1.5       | 10.2      | 30.0      | 1.8      |
| Summary          | 60.3      | 33.5      | 46.9 | 3.6                   | 2.7                   | 2.8                   | 1365                | 1107  | 764   | 315   | 68   | 29   | 4277                | 4749  | 5501   | 6877   | 0.0                 | 8.1       | 239.3     | 28.1      | 180.1     | 5.7      |

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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                  | 1.57   | 6.3                 | 3.6     | 1.0     | 0.4     | 0.53                                                                                                                   | 0.93  | 2.09  |  |
| 02                  | 1.48   | 6.4                 | 3.6     | 1.0     | 0.2     | 0.57                                                                                                                   | 1.04  | 2.13  |  |
| 03                  | 1.09   | 5.8                 | 2.9     | 0.5     | 0.0     | 0.26                                                                                                                   | 1.03  | 1.74  |  |
| 04                  | 0.88   | 5.5                 | 2.6     | 0.5     | 0.1     | 0.10                                                                                                                   | 0.51  | 1.35  |  |
| 05                  | 0.89   | 5.4                 | 3.1     | 0.4     | 0.1     | 0.35                                                                                                                   | 0.61  | 1.22  |  |
| 06                  | 0.51   | 4.1                 | 1.5     | 0.3     | 0.1     | 0.08                                                                                                                   | 0.24  | 0.58  |  |
| 07                  | 1.36   | 7.5                 | 3.1     | 0.6     | 0.2     | 0.82                                                                                                                   | 1.32  | 1.89  |  |
| 08                  | 1.80   | 9.9                 | 4.9     | 1.0     | 0.1     | 1.14                                                                                                                   | 1.75  | 2.32  |  |
| 09                  | 1.67   | 7.7                 | 4.6     | 0.8     | 0.2     | 0.76                                                                                                                   | 1.86  | 2.36  |  |
| 10                  | 1.32   | 6.6                 | 3.8     | 1.0     | 0.3     | 0.58                                                                                                                   | 1.07  | 1.94  |  |
| 11                  | 1.19   | 5.3                 | 2.6     | 0.6     | 0.2     | 0.66                                                                                                                   | 1.06  | 1.77  |  |
| 12                  | 1.34   | 5.7                 | 2.8     | 0.5     | 0.2     | 0.49                                                                                                                   | 1.30  | 1.74  |  |
| Summary             | 15.10  | 76.2                | 39.1    | 8.2     | 2.1     | 6.34                                                                                                                   | 12.72 | 21.13 |  |

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| 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         | 13.40            | 5.5                    | 4.8  | 2.2 | 1.2  | 0.3   | 18.8                     | 14.2 | 9.4  | 5.7  | 6.00                                                                                              | 13.50 | 15.20 |
| 02         | 13.50            | 4.7                    | 4.2  | 2.0 | 0.9  | 0.1   | 12.7                     | 8.9  | 6.2  | 4.1  | 4.50                                                                                              | 11.90 | 22.50 |
| 03         | 7.40             | 3.5                    | 3.2  | 1.0 | 0.4  | 0.0   | 7.6                      | 5.6  | 4.3  | 2.3  | 0.40                                                                                              | 4.50  | 9.90  |
| 04         | 6.10             | 2.4                    | 2.3  | 0.7 | 0.3  | 0.0   | 0.7                      | 0.2  | 0.2  | 0.0  | 1.00                                                                                              | 3.40  | 9.50  |
| 05         | 1.10             | 0.5                    | 0.4  | 0.3 | 0.1  | 0.0   | 0.1                      | 0.1  | 0.1  | 0.0  | 0.00                                                                                              | 0.00  | 0.50  |
| 06         | 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  |
| 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         | 0.10             | 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         | 1.30             | 0.8                    | 0.5  | 0.2 | 0.0  | 0.0   | 0.2                      | 0.1  | 0.1  | 0.0  | 0.00                                                                                              | 0.00  | 0.90  |
| 11         | 7.30             | 2.4                    | 1.9  | 1.1 | 0.4  | 0.1   | 4.1                      | 2.3  | 0.9  | 0.2  | 1.40                                                                                              | 4.00  | 14.30 |
| 12         | 13.90            | 4.6                    | 4.0  | 1.6 | 0.7  | 0.2   | 13.9                     | 8.5  | 6.0  | 3.7  | 4.20                                                                                              | 9.70  | 13.50 |
| Summary    | 64.2             | 24.5                   | 21.4 | 9.1 | 4.0  | 0.7   | 58.1                     | 39.9 | 27.2 | 16.0 | 17.5                                                                                              | 47.0  | 86.3  |

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Current Location: Elev: 6820 ft. Lat: 37.8736° N Lon: 109.3075° W

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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                                      | 1.3 | 6.2 | 61.4 | 186.6 | 435.5 | 715.4 | 912.8 | 852.4 | 595.7 | 256.1 | 44.6 | 1.4 |
| 45                                      | 0.0 | 0.6 | 15.8 | 89.7  | 290.9 | 565.6 | 757.7 | 697.4 | 447.6 | 135.3 | 11.1 | 0.0 |
| 50                                      | 0.0 | 0.0 | 2.2  | 29.3  | 164.7 | 417.3 | 602.8 | 542.4 | 304.2 | 51.5  | 1.3  | 0.0 |
| 55                                      | 0.0 | 0.0 | 0.1  | 5.1   | 69.1  | 274.0 | 447.8 | 387.5 | 170.7 | 10.9  | 0.0  | 0.0 |
| 60                                      | 0.0 | 0.0 | 0.0  | 0.2   | 19.8  | 147.0 | 293.3 | 234.6 | 68.1  | 0.7   | 0.0  | 0.0 |
| Growing Degree Units for Corn (Monthly) |     |     |      |       |       |       |       |       |       |       |      |     |
| 50/86                                   | 1.2 | 6.4 | 60.1 | 149.3 | 298.7 | 469.8 | 590.1 | 548.3 | 384.6 | 188.0 | 48.7 | 1.7 |

| Growing Degree Units (Accumulated Monthly)          |   |   |    |     |     |      |      |      |      |      |      |      |
|-----------------------------------------------------|---|---|----|-----|-----|------|------|------|------|------|------|------|
| 40                                                  | 1 | 8 | 69 | 256 | 691 | 1406 | 2319 | 3172 | 3767 | 4023 | 4068 | 4069 |
| 45                                                  | 0 | 1 | 16 | 106 | 397 | 963  | 1720 | 2418 | 2865 | 3001 | 3012 | 3012 |
| 50                                                  | 0 | 0 | 2  | 32  | 196 | 614  | 1216 | 1759 | 2063 | 2114 | 2116 | 2116 |
| 55                                                  | 0 | 0 | 0  | 5   | 74  | 348  | 796  | 1184 | 1354 | 1365 | 1365 | 1365 |
| 60                                                  | 0 | 0 | 0  | 0   | 20  | 167  | 460  | 695  | 763  | 764  | 764  | 764  |
| Growing Degree Units for Corn (Monthly Accumulated) |   |   |    |     |     |      |      |      |      |      |      |      |
| 50/86                                               | 1 | 8 | 68 | 217 | 516 | 986  | 1576 | 2124 | 2508 | 2696 | 2745 | 2747 |

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

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