

Summary of Monthly Normals  
1991-2020

Current Location: Elev: 1460 ft. Lat: 40.6092° N Lon: 96.8719° W  
Station: CRETE 4ESE, NE US USC00252020  
Generated on 04/28/2024

| 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               | 34.4      | 13.6      | 24.0 | 5.6                   | 4.6                   | 4.8                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 960.8               | 1022.8 | 1115.8 | 1270.8 | 0.0                 | 0.0       | 5.2       | 12.2      | 29.6      | 4.1      |
| 02               | 39.6      | 18.1      | 28.9 | 7.3                   | 5.8                   | 6.3                   | 0.7                 | 0.3   | 0.1   | 0.0   | 0.0   | 0.0   | 732.9               | 788.5  | 872.2  | 1012.1 | 0.0                 | 0.0       | 8.4       | 8.8       | 24.4      | 2.4      |
| 03               | 51.7      | 27.8      | 39.7 | 6.0                   | 4.4                   | 4.8                   | 13.9                | 9.2   | 4.4   | 1.0   | 0.0   | 0.0   | 486.7               | 544.0  | 632.2  | 783.8  | 0.0                 | 0.0       | 18.9      | 2.0       | 19.7      | 0.6      |
| 04               | 63.0      | 39.1      | 51.1 | 4.0                   | 3.2                   | 3.4                   | 68.2                | 48.7  | 27.7  | 8.9   | 1.6   | 0.6   | 186.7               | 227.2  | 296.2  | 427.4  | 0.0                 | 0.3       | 26.3      | 0.2       | 6.2       | 0.0      |
| 05               | 72.9      | 50.3      | 61.6 | 3.8                   | 2.7                   | 3.0                   | 239.1               | 194.2 | 135.7 | 64.0  | 23.0  | 13.5  | 34.5                | 51.6   | 86.1   | 169.4  | 0.0                 | 1.8       | 30.6      | 0.0       | 0.4       | 0.0      |
| 06               | 82.5      | 60.7      | 71.6 | 2.9                   | 2.6                   | 2.6                   | 498.5               | 439.4 | 352.3 | 216.5 | 106.7 | 73.7  | 0.7                 | 1.5    | 4.5    | 18.6   | 0.1                 | 7.4       | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 86.5      | 64.9      | 75.7 | 2.9                   | 2.5                   | 2.5                   | 641.6               | 579.6 | 486.6 | 334.5 | 191.9 | 141.8 | 0.0                 | 0.0    | 0.0    | 2.9    | 1.1                 | 12.0      | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 84.6      | 62.8      | 73.7 | 3.0                   | 2.2                   | 2.4                   | 579.6               | 517.7 | 425.2 | 275.0 | 143.8 | 101.2 | 0.0                 | 0.1    | 0.6    | 5.4    | 0.7                 | 9.9       | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 78.4      | 54.1      | 66.2 | 3.4                   | 3.3                   | 3.1                   | 350.9               | 297.9 | 224.5 | 122.7 | 53.1  | 34.5  | 13.5                | 20.5   | 37.2   | 85.4   | 0.1                 | 4.4       | 29.8      | 0.0       | 0.1       | 0.0      |
| 10               | 66.0      | 41.2      | 53.6 | 3.7                   | 3.1                   | 3.1                   | 105.5               | 79.0  | 47.3  | 16.1  | 3.8   | 1.9   | 148.9               | 184.4  | 245.7  | 369.6  | 0.0                 | 0.6       | 28.8      | 0.2       | 5.3       | 0.0      |
| 11               | 50.9      | 28.2      | 39.6 | 6.1                   | 4.5                   | 5.1                   | 11.3                | 7.1   | 3.1   | 0.4   | 0.0   | 0.0   | 474.8               | 530.6  | 616.6  | 763.9  | 0.0                 | 0.0       | 17.5      | 2.6       | 18.8      | 0.1      |
| 12               | 37.9      | 17.8      | 27.8 | 4.9                   | 4.6                   | 4.5                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 841.5               | 903.5  | 996.4  | 1151.4 | 0.0                 | 0.0       | 7.1       | 9.4       | 28.4      | 1.8      |
| Summary          | 62.4      | 39.9      | 51.1 | 4.5                   | 3.6                   | 3.8                   | 2509                | 2173  | 1707  | 1039  | 524   | 367   | 3881                | 4275   | 4903   | 6061   | 2.0                 | 36.4      | 264.6     | 35.4      | 132.9     | 9.0      |

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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                  | 0.69   | 4.7                 | 2.0     | 0.2     | 0.0     | 0.37                                                                                                                   | 0.69  | 1.04  |
| 02                  | 0.81   | 4.7                 | 2.2     | 0.4     | 0.1     | 0.50                                                                                                                   | 0.72  | 1.09  |
| 03                  | 1.45   | 6.4                 | 3.5     | 0.8     | 0.2     | 0.80                                                                                                                   | 1.27  | 1.77  |
| 04                  | 2.58   | 8.7                 | 5.2     | 1.7     | 0.6     | 2.21                                                                                                                   | 2.52  | 3.08  |
| 05                  | 5.65   | 12.1                | 8.0     | 3.1     | 1.5     | 2.69                                                                                                                   | 5.31  | 8.02  |
| 06                  | 4.86   | 10.3                | 6.5     | 3.4     | 1.4     | 3.30                                                                                                                   | 4.55  | 6.49  |
| 07                  | 3.84   | 9.9                 | 5.9     | 2.6     | 1.0     | 2.56                                                                                                                   | 3.29  | 4.56  |
| 08                  | 3.35   | 9.8                 | 5.8     | 2.3     | 0.8     | 1.77                                                                                                                   | 2.95  | 4.46  |
| 09                  | 3.11   | 8.2                 | 4.8     | 2.1     | 0.8     | 2.34                                                                                                                   | 3.03  | 3.79  |
| 10                  | 2.32   | 7.4                 | 4.4     | 1.5     | 0.4     | 0.97                                                                                                                   | 2.03  | 3.74  |
| 11                  | 1.22   | 4.9                 | 2.4     | 0.7     | 0.1     | 0.38                                                                                                                   | 1.01  | 1.62  |
| 12                  | 1.14   | 5.3                 | 2.1     | 0.6     | 0.2     | 0.31                                                                                                                   | 0.75  | 1.58  |
| Summary             | 31.02  | 92.4                | 52.8    | 19.4    | 7.1     | 18.20                                                                                                                  | 28.12 | 41.24 |

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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  
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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         | 6.30             | 3.5                    | 1.8 | 0.7 | 0.2  | 0.0   | 12.4                     | 7.5  | 4.2  | 0.5 | 2.90                                                                                              | 4.70 | 9.80 |
| 02         | 6.60             | 3.4                    | 2.0 | 0.9 | 0.3  | 0.0   | 9.2                      | 6.9  | 3.2  | 0.4 | 1.70                                                                                              | 8.10 | 9.70 |
| 03         | 3.20             | 1.5                    | 0.8 | 0.4 | 0.2  | 0.0   | 2.9                      | 1.5  | 0.8  | 0.2 | 0.00                                                                                              | 0.90 | 4.30 |
| 04         | 1.30             | 0.4                    | 0.3 | 0.1 | 0.0  | 0.0   | 0.4                      | 0.2  | 0.1  | 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         | 1.00             | 0.3                    | 0.2 | 0.1 | 0.1  | 0.0   | 0.5                      | 0.2  | 0.2  | 0.1 | 0.00                                                                                              | 0.00 | 0.90 |
| 11         | 2.00             | 1.1                    | 0.7 | 0.3 | 0.1  | 0.0   | 2.2                      | 0.9  | 0.3  | 0.1 | 0.00                                                                                              | 0.80 | 2.00 |
| 12         | 4.90             | 2.6                    | 1.7 | 0.6 | 0.2  | 0.0   | 8.0                      | 5.1  | 3.0  | 0.5 | 1.50                                                                                              | 3.50 | 6.10 |
| Summary    | 25.3             | 12.8                   | 7.5 | 3.1 | 1.1  | 0.0   | 35.6                     | 22.3 | 11.8 | 1.8 | 6.1                                                                                               | 18.0 | 33.1 |

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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                                      | 7.7  | 33.3 | 141.1 | 357.0 | 669.8 | 947.9 | 1106.6 | 1044.6 | 787.4 | 437.6 | 124.0 | 14.7 |
| 45                                      | 1.4  | 13.0 | 75.3  | 236.9 | 516.5 | 797.9 | 951.6  | 889.6  | 638.1 | 304.9 | 64.0  | 3.9  |
| 50                                      | 0.1  | 4.0  | 34.9  | 139.5 | 370.2 | 647.9 | 796.6  | 734.6  | 491.5 | 192.3 | 29.0  | 0.7  |
| 55                                      | 0.0  | 0.7  | 13.9  | 68.2  | 239.1 | 498.5 | 641.6  | 579.6  | 350.9 | 105.5 | 11.3  | 0.0  |
| 60                                      | 0.0  | 0.1  | 4.4   | 27.7  | 135.7 | 352.3 | 486.6  | 425.2  | 224.5 | 47.3  | 3.1   | 0.0  |
| Growing Degree Units for Corn (Monthly) |      |      |       |       |       |       |        |        |       |       |       |      |
| 50/86                                   | 11.3 | 31.1 | 107.3 | 219.9 | 406.2 | 630.2 | 753.2  | 702.5  | 503.7 | 274.0 | 87.9  | 15.4 |

| Growing Degree Units (Accumulated Monthly)          |    |    |     |     |      |      |      |      |      |      |      |      |
|-----------------------------------------------------|----|----|-----|-----|------|------|------|------|------|------|------|------|
| 40                                                  | 8  | 41 | 182 | 539 | 1209 | 2157 | 3263 | 4308 | 5095 | 5533 | 5657 | 5672 |
| 45                                                  | 1  | 14 | 90  | 327 | 843  | 1641 | 2593 | 3482 | 4120 | 4425 | 4489 | 4493 |
| 50                                                  | 0  | 4  | 39  | 178 | 549  | 1197 | 1993 | 2728 | 3219 | 3412 | 3441 | 3441 |
| 55                                                  | 0  | 1  | 15  | 83  | 322  | 820  | 1462 | 2042 | 2392 | 2498 | 2509 | 2509 |
| 60                                                  | 0  | 0  | 4   | 32  | 168  | 520  | 1007 | 1432 | 1656 | 1704 | 1707 | 1707 |
| Growing Degree Units for Corn (Monthly Accumulated) |    |    |     |     |      |      |      |      |      |      |      |      |
| 50/86                                               | 11 | 42 | 150 | 370 | 776  | 1406 | 2159 | 2862 | 3365 | 3639 | 3727 | 3743 |

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

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