

Summary of Monthly Normals  
1991-2020

Generated on 05/20/2024

Current Location: Elev: 588 ft. Lat: 45.6528° N Lon: 84.4725° W  
Station: CHEBOYGAN, MI US USC00201492

| 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               | 27.2      | 11.4      | 19.3 | 4.3                   | 6.3                   | 5.2                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 1106.5              | 1168.5 | 1261.5 | 1416.5 | 0.0                 | 0.0       | 0.2       | 21.5      | 30.3      | 6.0      |
| 02               | 29.0      | 10.3      | 19.7 | 4.6                   | 7.0                   | 5.7                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 989.7               | 1045.7 | 1129.7 | 1269.7 | 0.0                 | 0.0       | 0.5       | 17.6      | 27.5      | 6.6      |
| 03               | 37.6      | 17.9      | 27.8 | 3.9                   | 5.0                   | 4.3                   | 0.7                 | 0.5   | 0.3   | 0.0   | 0.0  | 0.0  | 845.4               | 907.2  | 1000.0 | 1154.7 | 0.0                 | 0.0       | 4.0       | 9.0       | 28.4      | 2.6      |
| 04               | 49.0      | 30.1      | 39.5 | 4.0                   | 2.7                   | 3.3                   | 4.1                 | 2.1   | 0.7   | 0.1   | 0.0  | 0.0  | 467.6               | 525.6  | 614.2  | 763.6  | 0.0                 | 0.0       | 13.4      | 1.2       | 18.9      | 0.1      |
| 05               | 61.8      | 41.3      | 51.5 | 3.8                   | 2.7                   | 3.1                   | 52.5                | 35.8  | 18.9  | 5.2   | 0.7  | 0.2  | 159.5               | 204.7  | 280.9  | 422.1  | 0.0                 | 0.1       | 27.8      | 0.0       | 3.3       | 0.0      |
| 06               | 72.1      | 51.7      | 61.9 | 2.8                   | 2.1                   | 2.4                   | 222.3               | 173.6 | 112.3 | 45.4  | 13.4 | 7.7  | 15.4                | 26.7   | 55.4   | 138.5  | 0.0                 | 0.6       | 30.0      | 0.0       | 0.0       | 0.0      |
| 07               | 77.4      | 57.7      | 67.6 | 3.0                   | 2.4                   | 2.6                   | 389.6               | 329.0 | 241.7 | 120.1 | 42.1 | 24.2 | 0.6                 | 2.0    | 7.7    | 41.1   | 0.0                 | 1.2       | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 76.6      | 57.0      | 66.8 | 2.1                   | 2.2                   | 2.0                   | 366.7               | 306.6 | 220.2 | 100.2 | 30.8 | 17.1 | 1.0                 | 2.9    | 9.5    | 44.5   | 0.0                 | 1.0       | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 69.5      | 49.5      | 59.5 | 2.9                   | 2.4                   | 2.6                   | 176.5               | 136.9 | 87.9  | 34.6  | 9.3  | 5.4  | 41.6                | 62.0   | 103.0  | 199.7  | 0.0                 | 0.2       | 29.8      | 0.0       | 0.3       | 0.0      |
| 10               | 56.3      | 38.9      | 47.6 | 3.1                   | 2.6                   | 2.7                   | 30.5                | 20.3  | 10.3  | 2.6   | 0.7  | 0.4  | 259.8               | 311.6  | 394.7  | 542.0  | 0.0                 | 0.0       | 22.4      | 0.0       | 6.3       | 0.0      |
| 11               | 43.7      | 29.5      | 36.6 | 4.3                   | 3.6                   | 3.9                   | 2.1                 | 1.2   | 0.3   | 0.0   | 0.0  | 0.0  | 554.1               | 613.2  | 702.3  | 852.0  | 0.0                 | 0.0       | 7.8       | 3.1       | 19.5      | 0.1      |
| 12               | 33.4      | 20.5      | 26.9 | 4.0                   | 4.8                   | 4.3                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 869.5               | 931.5  | 1024.5 | 1179.5 | 0.0                 | 0.0       | 0.9       | 13.6      | 28.5      | 1.2      |
| Summary          | 52.8      | 34.6      | 43.7 | 3.6                   | 3.6                   | 3.5                   | 1245                | 1006  | 693   | 308   | 97   | 55   | 5311                | 5802   | 6583   | 8024   | 0.0                 | 3.1       | 198.8     | 66.0      | 163.0     | 16.6     |

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 05/20/2024

| 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                  | 1.80   | 15.7                | 5.3     | 0.7     | 0.1     | 1.29                                                                                                                   | 1.80  | 2.11  |  |
| 02                  | 1.32   | 11.5                | 4.1     | 0.4     | 0.0     | 0.62                                                                                                                   | 1.25  | 1.74  |  |
| 03                  | 1.76   | 10.4                | 4.8     | 0.7     | 0.1     | 0.84                                                                                                                   | 1.30  | 2.61  |  |
| 04                  | 2.78   | 11.5                | 6.7     | 1.6     | 0.5     | 1.83                                                                                                                   | 2.53  | 3.31  |  |
| 05                  | 2.88   | 12.4                | 6.6     | 1.6     | 0.4     | 2.03                                                                                                                   | 2.43  | 3.64  |  |
| 06                  | 2.89   | 10.7                | 5.5     | 1.8     | 0.6     | 1.89                                                                                                                   | 2.44  | 3.75  |  |
| 07                  | 3.11   | 11.2                | 6.0     | 2.3     | 0.6     | 2.21                                                                                                                   | 2.86  | 3.85  |  |
| 08                  | 3.30   | 10.4                | 6.2     | 2.1     | 0.8     | 2.23                                                                                                                   | 2.96  | 3.93  |  |
| 09                  | 3.36   | 12.8                | 7.4     | 2.2     | 0.6     | 2.19                                                                                                                   | 3.13  | 4.43  |  |
| 10                  | 4.09   | 16.3                | 9.3     | 2.5     | 0.7     | 2.66                                                                                                                   | 3.82  | 5.89  |  |
| 11                  | 2.60   | 14.9                | 6.5     | 1.3     | 0.3     | 1.83                                                                                                                   | 2.40  | 3.60  |  |
| 12                  | 2.08   | 15.2                | 6.3     | 0.5     | 0.2     | 1.48                                                                                                                   | 1.91  | 2.50  |  |
| Summary             | 31.97  | 153.0               | 74.7    | 17.7    | 4.9     | 21.10                                                                                                                  | 28.83 | 41.36 |  |

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Summary of Monthly Normals  
1991-2020  
Generated on 05/20/2024

| 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         | 24.20            | 12.3                   | 9.3  | 2.9  | 1.0  | 0.1   | 28.8                     | 24.9 | 19.4 | 9.0  | 16.10                                                                                             | 23.40 | 29.00 |
| 02         | 18.10            | 9.0                    | 6.5  | 2.3  | 0.8  | 0.1   | 27.2                     | 24.6 | 21.3 | 12.0 | 13.30                                                                                             | 17.00 | 22.00 |
| 03         | 11.60            | 5.3                    | 3.9  | 1.4  | 0.6  | 0.1   | 20.8                     | 17.3 | 13.5 | 6.8  | 5.50                                                                                              | 10.50 | 15.80 |
| 04         | 4.90             | 2.1                    | 1.8  | 0.6  | 0.3  | 0.0   | 4.1                      | 2.1  | 1.3  | 0.3  | 1.00                                                                                              | 2.50  | 6.40  |
| 05         | 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  |
| 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         | 0.50             | 0.1                    | 0.1  | 0.1  | 0.0  | 0.0   | 0.2                      | 0.1  | 0.1  | 0.0  | 0.00                                                                                              | 0.00  | 0.00  |
| 11         | 6.20             | 4.2                    | 3.0  | 0.5  | 0.1  | 0.0   | 5.8                      | 1.8  | 0.5  | 0.0  | 2.20                                                                                              | 6.00  | 8.00  |
| 12         | 22.00            | 10.3                   | 8.0  | 2.5  | 1.1  | 0.2   | 19.9                     | 14.6 | 9.7  | 3.4  | 12.00                                                                                             | 18.20 | 28.50 |
| Summary    | 87.6             | 43.3                   | 32.6 | 10.3 | 3.9  | 0.5   | 106.8                    | 85.4 | 65.8 | 31.5 | 50.1                                                                                              | 77.6  | 109.7 |

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Summary of Monthly Normals  
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                                      | 0.2 | 1.5 | 14.7 | 88.5 | 361.7 | 656.9 | 854.0 | 830.7 | 585.1 | 253.1 | 55.1 | 5.1 |
| 45                                      | 0.0 | 0.4 | 5.2  | 37.5 | 226.0 | 507.0 | 698.9 | 675.6 | 436.7 | 144.2 | 20.1 | 1.1 |
| 50                                      | 0.0 | 0.1 | 1.8  | 14.5 | 120.0 | 359.4 | 543.9 | 520.7 | 297.0 | 71.3  | 6.5  | 0.1 |
| 55                                      | 0.0 | 0.0 | 0.7  | 4.1  | 52.5  | 222.3 | 389.6 | 366.7 | 176.5 | 30.5  | 2.1  | 0.0 |
| 60                                      | 0.0 | 0.0 | 0.3  | 0.7  | 18.9  | 112.3 | 241.7 | 220.2 | 87.9  | 10.3  | 0.3  | 0.0 |
| Growing Degree Units for Corn (Monthly) |     |     |      |      |       |       |       |       |       |       |      |     |
| 50/86                                   | 0.1 | 0.9 | 11.6 | 54.4 | 194.0 | 382.2 | 545.0 | 523.7 | 334.9 | 124.1 | 24.3 | 1.8 |

| Growing Degree Units (Accumulated Monthly)          |   |   |    |     |     |      |      |      |      |      |      |      |
|-----------------------------------------------------|---|---|----|-----|-----|------|------|------|------|------|------|------|
| 40                                                  | 0 | 2 | 16 | 105 | 467 | 1124 | 1978 | 2808 | 3393 | 3646 | 3701 | 3707 |
| 45                                                  | 0 | 0 | 6  | 43  | 269 | 776  | 1475 | 2151 | 2587 | 2731 | 2752 | 2753 |
| 50                                                  | 0 | 0 | 2  | 16  | 136 | 496  | 1040 | 1560 | 1857 | 1929 | 1935 | 1935 |
| 55                                                  | 0 | 0 | 1  | 5   | 57  | 280  | 669  | 1036 | 1212 | 1243 | 1245 | 1245 |
| 60                                                  | 0 | 0 | 0  | 1   | 20  | 132  | 374  | 594  | 682  | 692  | 693  | 693  |
| Growing Degree Units for Corn (Monthly Accumulated) |   |   |    |     |     |      |      |      |      |      |      |      |
| 50/86                                               | 0 | 1 | 13 | 67  | 261 | 643  | 1188 | 1712 | 2047 | 2171 | 2195 | 2197 |

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.