

Summary of Monthly Normals  
1991-2020  
Generated on 05/23/2024

Current Location: Elev: 630 ft. Lat: 46.4867° N Lon: 84.4089° W  
Station: SAULT STE MARIE, MI US USC00207364

| 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               | 22.5      | 3.7       | 13.1 | 4.6                   | 7.9                   | 6.2                   | 0.0                 | 0.0   | 0.0   | 0.0  | 0.0  | 0.0  | 1298.6              | 1360.6 | 1453.6 | 1608.7 | 0.0                 | 0.0       | 0.0       | 24.3      | 30.5      | 12.5     |
| 02               | 25.0      | 3.8       | 14.4 | 5.0                   | 7.2                   | 6.0                   | 0.0                 | 0.0   | 0.0   | 0.0  | 0.0  | 0.0  | 1136.7              | 1192.7 | 1276.7 | 1416.7 | 0.0                 | 0.0       | 0.0       | 21.0      | 27.7      | 11.2     |
| 03               | 34.5      | 12.9      | 23.7 | 4.5                   | 6.1                   | 5.2                   | 0.5                 | 0.3   | 0.1   | 0.0  | 0.0  | 0.0  | 970.7               | 1032.5 | 1125.4 | 1280.3 | 0.0                 | 0.0       | 3.0       | 12.7      | 29.1      | 5.7      |
| 04               | 47.3      | 27.2      | 37.3 | 4.7                   | 2.9                   | 3.7                   | 2.3                 | 1.2   | 0.3   | 0.0  | 0.0  | 0.0  | 534.8               | 593.7  | 682.8  | 832.5  | 0.0                 | 0.0       | 12.3      | 2.0       | 22.9      | 0.1      |
| 05               | 61.9      | 39.3      | 50.6 | 4.8                   | 2.6                   | 3.5                   | 55.2                | 38.2  | 20.7  | 5.2  | 0.8  | 0.2  | 191.7               | 236.7  | 312.1  | 451.7  | 0.0                 | 0.2       | 26.9      | 0.0       | 6.2       | 0.0      |
| 06               | 71.9      | 48.6      | 60.2 | 3.0                   | 2.3                   | 2.4                   | 188.2               | 145.6 | 92.0  | 33.1 | 7.8  | 3.6  | 30.8                | 48.2   | 84.6   | 175.7  | 0.0                 | 0.3       | 29.7      | 0.0       | 0.2       | 0.0      |
| 07               | 76.3      | 54.1      | 65.2 | 3.8                   | 2.3                   | 2.9                   | 319.9               | 263.0 | 184.7 | 80.1 | 22.6 | 11.4 | 3.9                 | 9.0    | 23.6   | 73.9   | 0.0                 | 1.3       | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 75.4      | 53.5      | 64.5 | 2.4                   | 2.2                   | 2.1                   | 295.2               | 237.2 | 158.5 | 61.4 | 14.8 | 6.9  | 2.4                 | 6.4    | 20.7   | 78.5   | 0.0                 | 0.7       | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 67.7      | 46.7      | 57.2 | 3.2                   | 2.6                   | 2.8                   | 131.5               | 98.4  | 59.3  | 19.9 | 4.0  | 1.8  | 65.7                | 92.5   | 143.5  | 254.0  | 0.0                 | 0.2       | 29.8      | 0.0       | 0.3       | 0.0      |
| 10               | 53.4      | 36.3      | 44.8 | 3.2                   | 2.2                   | 2.6                   | 15.3                | 9.3   | 4.0   | 0.8  | 0.2  | 0.0  | 329.9               | 385.8  | 473.5  | 625.4  | 0.0                 | 0.0       | 19.3      | 0.0       | 11.0      | 0.0      |
| 11               | 40.1      | 26.5      | 33.3 | 4.2                   | 3.7                   | 3.9                   | 0.1                 | 0.0   | 0.0   | 0.0  | 0.0  | 0.0  | 651.2               | 711.1  | 801.1  | 951.1  | 0.0                 | 0.0       | 5.8       | 5.0       | 21.9      | 0.2      |
| 12               | 29.2      | 14.7      | 22.0 | 4.2                   | 6.0                   | 5.0                   | 0.0                 | 0.0   | 0.0   | 0.0  | 0.0  | 0.0  | 1024.5              | 1086.5 | 1179.5 | 1334.6 | 0.0                 | 0.0       | 0.3       | 18.7      | 29.6      | 4.8      |
| Summary          | 50.4      | 30.6      | 40.5 | 4.0                   | 4.0                   | 3.9                   | 1008                | 793   | 520   | 201  | 50   | 24   | 6241                | 6756   | 7577   | 9083   | 0.0                 | 2.7       | 189.1     | 83.7      | 179.4     | 34.5     |

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1991-2020  
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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                  | 2.45   | 20.1                | 7.6     | 0.5     | 0.1     | 1.68                                                                                                                   | 2.38  | 3.09  |
| 02                  | 1.71   | 16.1                | 6.3     | 0.6     | 0.0     | 0.99                                                                                                                   | 1.62  | 2.08  |
| 03                  | 1.93   | 12.8                | 5.5     | 0.9     | 0.1     | 1.13                                                                                                                   | 1.76  | 2.55  |
| 04                  | 2.74   | 12.3                | 7.0     | 1.3     | 0.3     | 1.78                                                                                                                   | 2.56  | 3.51  |
| 05                  | 2.63   | 11.7                | 6.9     | 1.5     | 0.3     | 1.82                                                                                                                   | 2.67  | 3.26  |
| 06                  | 3.05   | 12.0                | 6.3     | 2.3     | 0.7     | 2.09                                                                                                                   | 2.95  | 3.87  |
| 07                  | 3.15   | 11.2                | 6.1     | 1.8     | 0.6     | 1.97                                                                                                                   | 3.22  | 4.00  |
| 08                  | 3.12   | 11.7                | 6.6     | 2.0     | 0.7     | 2.29                                                                                                                   | 2.95  | 3.94  |
| 09                  | 3.82   | 13.6                | 8.4     | 2.0     | 0.4     | 2.46                                                                                                                   | 3.56  | 4.69  |
| 10                  | 4.57   | 17.6                | 10.1    | 2.7     | 1.1     | 3.12                                                                                                                   | 4.19  | 5.93  |
| 11                  | 3.65   | 17.2                | 9.4     | 2.0     | 0.5     | 2.81                                                                                                                   | 3.38  | 4.29  |
| 12                  | 2.97   | 19.0                | 8.9     | 1.1     | 0.2     | 2.05                                                                                                                   | 2.81  | 3.63  |
| Summary             | 35.79  | 175.3               | 89.1    | 18.7    | 5.0     | 24.19                                                                                                                  | 34.05 | 44.84 |

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Summary of Monthly Normals  
1991-2020  
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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         | 28.60            | 20.0                   | 9.6  | 2.7  | 0.8  | 0.1   | 30.7                     | 30.6  | 29.9  | 23.9 | 19.90                                                                                             | 27.90 | 37.50 |
| 02         | 24.00            | 16.1                   | 7.8  | 2.5  | 0.6  | 0.0   | 28.5                     | 28.5  | 28.5  | 27.9 | 17.60                                                                                             | 22.30 | 31.10 |
| 03         | 13.50            | 10.3                   | 4.3  | 1.5  | 0.4  | 0.0   | 28.5                     | 27.8  | 27.4  | 25.2 | 9.10                                                                                              | 12.70 | 17.60 |
| 04         | 7.60             | 5.6                    | 2.2  | 1.0  | 0.2  | 0.0   | 12.2                     | 10.2  | 8.1   | 5.7  | 2.40                                                                                              | 7.00  | 8.80  |
| 05         | 0.50             | 0.5                    | 0.2  | 0.0  | 0.0  | 0.0   | 0.1                      | 0.0   | 0.0   | 0.0  | 0.00                                                                                              | 0.00  | 0.30  |
| 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         | 1.20             | 1.7                    | 0.3  | 0.1  | 0.0  | 0.0   | 0.2                      | 0.0   | 0.0   | 0.0  | 0.00                                                                                              | 0.20  | 1.90  |
| 11         | 14.30            | 9.5                    | 4.2  | 1.5  | 0.6  | 0.1   | 9.5                      | 5.7   | 3.4   | 1.0  | 7.00                                                                                              | 11.80 | 14.40 |
| 12         | 27.70            | 16.7                   | 8.9  | 2.9  | 1.2  | 0.0   | 25.4                     | 23.1  | 20.5  | 9.2  | 20.10                                                                                             | 28.00 | 34.20 |
| Summary    | 117.4            | 80.4                   | 37.5 | 12.2 | 3.8  | 0.2   | 135.1                    | 125.9 | 117.8 | 92.9 | 76.1                                                                                              | 109.9 | 145.8 |

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Summary of Monthly Normals  
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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                                      | 0.0 | 0.1 | 10.1 | 67.3 | 341.6 | 607.5 | 781.1 | 757.8 | 516.2 | 185.7 | 28.4 | 2.3 |
| 45                                      | 0.0 | 0.0 | 3.8  | 28.2 | 216.7 | 458.5 | 626.1 | 602.9 | 370.8 | 96.9  | 7.8  | 0.3 |
| 50                                      | 0.0 | 0.0 | 1.4  | 9.5  | 119.4 | 315.3 | 471.5 | 447.9 | 239.0 | 43.6  | 1.9  | 0.0 |
| 55                                      | 0.0 | 0.0 | 0.5  | 2.3  | 55.2  | 188.2 | 319.9 | 295.2 | 131.5 | 15.3  | 0.1  | 0.0 |
| 60                                      | 0.0 | 0.0 | 0.1  | 0.3  | 20.7  | 92.0  | 184.7 | 158.5 | 59.3  | 4.0   | 0.0  | 0.0 |
| Growing Degree Units for Corn (Monthly) |     |     |      |      |       |       |       |       |       |       |      |     |
| 50/86                                   | 0.0 | 0.0 | 7.3  | 51.1 | 203.0 | 359.9 | 482.0 | 462.8 | 292.5 | 88.8  | 11.7 | 0.5 |

| Growing Degree Units (Accumulated Monthly)          |   |   |    |    |     |      |      |      |      |      |      |      |
|-----------------------------------------------------|---|---|----|----|-----|------|------|------|------|------|------|------|
| 40                                                  | 0 | 0 | 10 | 78 | 419 | 1027 | 1808 | 2566 | 3082 | 3267 | 3296 | 3298 |
| 45                                                  | 0 | 0 | 4  | 32 | 249 | 707  | 1333 | 1936 | 2307 | 2404 | 2412 | 2412 |
| 50                                                  | 0 | 0 | 1  | 11 | 130 | 446  | 917  | 1365 | 1604 | 1648 | 1650 | 1650 |
| 55                                                  | 0 | 0 | 0  | 3  | 58  | 246  | 566  | 861  | 993  | 1008 | 1008 | 1008 |
| 60                                                  | 0 | 0 | 0  | 0  | 21  | 113  | 298  | 456  | 516  | 520  | 520  | 520  |
| Growing Degree Units for Corn (Monthly Accumulated) |   |   |    |    |     |      |      |      |      |      |      |      |
| 50/86                                               | 0 | 0 | 7  | 58 | 261 | 621  | 1103 | 1566 | 1859 | 1947 | 1959 | 1960 |

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.