

Summary of Monthly Normals  
1991-2020

Generated on 06/03/2024

Current Location: Elev: 1430 ft. Lat: 46.4656° N Lon: 90.1892° W

Station: IRONWOOD, MI US USC00204104

| 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               | 20.1      | 3.9       | 12.0 | 4.9                   | 6.0                   | 5.3                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 1332.8              | 1394.8 | 1487.8 | 1642.8 | 0.0                 | 0.0       | 0.1       | 26.9      | 30.9      | 12.9     |
| 02               | 24.5      | 4.5       | 14.5 | 6.0                   | 6.9                   | 6.4                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 1133.8              | 1189.9 | 1273.9 | 1413.9 | 0.0                 | 0.0       | 0.5       | 21.4      | 27.6      | 11.3     |
| 03               | 35.7      | 14.4      | 25.1 | 5.3                   | 5.8                   | 5.5                   | 1.4                 | 1.0   | 0.5   | 0.0   | 0.0  | 0.0  | 929.9               | 991.5  | 1084.0 | 1238.5 | 0.0                 | 0.0       | 4.9       | 12.8      | 28.5      | 5.5      |
| 04               | 48.4      | 27.7      | 38.0 | 4.8                   | 3.8                   | 4.3                   | 6.8                 | 4.0   | 1.6   | 0.3   | 0.0  | 0.0  | 515.3               | 572.5  | 660.1  | 808.8  | 0.0                 | 0.0       | 13.1      | 2.7       | 22.2      | 0.3      |
| 05               | 62.8      | 41.0      | 51.9 | 4.2                   | 3.0                   | 3.5                   | 82.0                | 60.6  | 36.1  | 12.8  | 2.7  | 0.9  | 178.2               | 218.8  | 287.3  | 418.9  | 0.0                 | 0.1       | 26.9      | 0.1       | 6.2       | 0.0      |
| 06               | 72.3      | 51.2      | 61.8 | 2.7                   | 2.3                   | 2.4                   | 230.0               | 183.6 | 123.2 | 50.7  | 15.0 | 7.8  | 27.6                | 41.1   | 70.8   | 148.3  | 0.0                 | 0.3       | 29.7      | 0.0       | 0.2       | 0.0      |
| 07               | 76.3      | 55.9      | 66.1 | 3.4                   | 2.5                   | 2.9                   | 348.0               | 290.3 | 209.6 | 100.4 | 33.3 | 18.2 | 4.0                 | 8.3    | 20.5   | 66.3   | 0.0                 | 0.8       | 31.0      | 0.0       | 0.0       | 0.0      |
| 08               | 74.6      | 53.9      | 64.2 | 2.6                   | 2.4                   | 2.4                   | 293.9               | 238.1 | 162.4 | 67.2  | 18.6 | 9.4  | 7.2                 | 13.4   | 30.7   | 90.6   | 0.0                 | 0.4       | 31.0      | 0.0       | 0.0       | 0.0      |
| 09               | 66.7      | 46.2      | 56.5 | 3.4                   | 3.0                   | 3.0                   | 131.9               | 100.4 | 62.5  | 23.3  | 5.9  | 2.9  | 88.6                | 116.9  | 169.0  | 279.9  | 0.0                 | 0.0       | 28.4      | 0.0       | 1.7       | 0.0      |
| 10               | 52.6      | 34.9      | 43.7 | 3.9                   | 3.0                   | 3.3                   | 20.1                | 13.2  | 6.0   | 1.1   | 0.2  | 0.1  | 368.9               | 423.9  | 509.8  | 659.9  | 0.0                 | 0.0       | 17.4      | 0.9       | 13.5      | 0.0      |
| 11               | 37.2      | 23.0      | 30.1 | 6.2                   | 4.8                   | 5.4                   | 1.0                 | 0.5   | 0.1   | 0.0   | 0.0  | 0.0  | 747.9               | 807.5  | 897.1  | 1047.0 | 0.0                 | 0.0       | 4.9       | 11.1      | 25.4      | 0.9      |
| 12               | 25.4      | 11.2      | 18.3 | 4.6                   | 5.6                   | 5.1                   | 0.0                 | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 1137.5              | 1199.6 | 1292.6 | 1447.6 | 0.0                 | 0.0       | 0.3       | 22.9      | 30.7      | 7.1      |
| Summary          | 49.7      | 30.6      | 40.2 | 4.3                   | 4.1                   | 4.1                   | 1115                | 892   | 602   | 256   | 76   | 39   | 6472                | 6978   | 7784   | 9262   | 0.0                 | 1.6       | 188.2     | 98.8      | 186.9     | 38.0     |

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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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                  | 1.96   | 18.1                | 6.2     | 0.5     | 0.1     | 1.56                                                                                                                   | 1.84  | 2.27  |
| 02                  | 1.47   | 13.6                | 5.1     | 0.4     | 0.1     | 0.93                                                                                                                   | 1.46  | 1.86  |
| 03                  | 2.03   | 12.5                | 5.4     | 1.0     | 0.2     | 1.25                                                                                                                   | 1.94  | 2.54  |
| 04                  | 3.14   | 12.8                | 7.0     | 2.1     | 0.5     | 2.17                                                                                                                   | 3.06  | 4.09  |
| 05                  | 3.75   | 13.4                | 7.6     | 2.2     | 0.9     | 2.74                                                                                                                   | 3.70  | 4.48  |
| 06                  | 3.91   | 13.2                | 7.9     | 2.5     | 0.8     | 2.66                                                                                                                   | 3.58  | 5.24  |
| 07                  | 4.21   | 12.9                | 7.6     | 2.8     | 0.9     | 3.03                                                                                                                   | 3.53  | 5.64  |
| 08                  | 3.76   | 11.8                | 6.5     | 2.2     | 1.0     | 2.55                                                                                                                   | 3.43  | 4.97  |
| 09                  | 3.84   | 13.9                | 8.1     | 2.5     | 0.7     | 2.81                                                                                                                   | 3.36  | 4.86  |
| 10                  | 4.05   | 15.6                | 8.9     | 2.4     | 0.7     | 2.92                                                                                                                   | 3.75  | 5.11  |
| 11                  | 2.88   | 14.8                | 7.3     | 1.5     | 0.3     | 1.86                                                                                                                   | 2.41  | 3.64  |
| 12                  | 2.37   | 16.8                | 6.9     | 0.8     | 0.2     | 1.70                                                                                                                   | 2.18  | 2.78  |
| Summary             | 37.37  | 169.4               | 84.5    | 20.9    | 6.4     | 26.18                                                                                                                  | 34.24 | 47.48 |

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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         | 43.10            | 18.4                   | 12.7 | 5.1  | 2.2  | 0.5   |                          |     |     |     | 36.20                                                                                             | 40.80 | 49.90 |
| 02         | 30.90            | 13.7                   | 8.4  | 3.5  | 1.7  | 0.4   |                          |     |     |     | 19.60                                                                                             | 30.30 | 37.50 |
| 03         | 23.90            | 10.6                   | 6.2  | 2.4  | 1.3  | 0.3   |                          |     |     |     | 13.10                                                                                             | 24.70 | 29.90 |
| 04         | 11.70            | 5.9                    | 3.8  | 1.6  | 0.7  | 0.2   |                          |     |     |     | 5.30                                                                                              | 10.70 | 17.70 |
| 05         | 1.90             | 0.8                    | 0.5  | 0.3  | 0.1  | 0.0   |                          |     |     |     | 0.00                                                                                              | 0.00  | 1.20  |
| 06         | 0.00             | 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   |                          |     |     |     | 0.00                                                                                              | 0.00  | 0.00  |
| 08         | 0.00             | 0.0                    | 0.0  | 0.0  | 0.0  | 0.0   |                          |     |     |     | 0.00                                                                                              | 0.00  | 0.00  |
| 09         | 0.30             | 0.1                    | 0.0  | 0.0  | 0.0  | 0.0   |                          |     |     |     | 0.00                                                                                              | 0.00  | 0.00  |
| 10         | 6.00             | 3.1                    | 1.8  | 0.7  | 0.2  | 0.0   |                          |     |     |     | 0.50                                                                                              | 4.00  | 9.70  |
| 11         | 24.10            | 11.0                   | 7.3  | 3.3  | 1.9  | 0.5   |                          |     |     |     | 12.00                                                                                             | 22.90 | 35.50 |
| 12         | 43.60            | 15.9                   | 11.4 | 4.8  | 2.6  | 0.8   |                          |     |     |     | 27.30                                                                                             | 43.20 | 55.70 |
| Summary    | 185.5            | 79.5                   | 52.1 | 21.7 | 10.7 | 2.7   | 0.0                      | 0.0 | 0.0 | 0.0 | 114.0                                                                                             | 176.6 | 237.1 |

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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                                      | 0.1 | 1.5 | 20.7 | 96.9 | 382.3 | 652.4 | 808.8 | 751.5 | 495.2 | 183.3 | 31.9 | 0.8 |
| 45                                      | 0.0 | 0.3 | 8.3  | 48.7 | 256.0 | 503.7 | 653.8 | 596.6 | 354.0 | 100.7 | 12.3 | 0.1 |
| 50                                      | 0.0 | 0.0 | 3.3  | 20.8 | 155.1 | 360.1 | 499.2 | 442.6 | 230.0 | 48.8  | 3.9  | 0.0 |
| 55                                      | 0.0 | 0.0 | 1.4  | 6.8  | 82.0  | 230.0 | 348.0 | 293.9 | 131.9 | 20.1  | 1.0  | 0.0 |
| 60                                      | 0.0 | 0.0 | 0.5  | 1.6  | 36.1  | 123.2 | 209.6 | 162.4 | 62.5  | 6.0   | 0.1  | 0.0 |
| Growing Degree Units for Corn (Monthly) |     |     |      |      |       |       |       |       |       |       |      |     |
| 50/86                                   | 0.1 | 1.2 | 15.4 | 67.4 | 224.3 | 389.3 | 505.3 | 458.6 | 283.4 | 99.5  | 16.9 | 0.6 |

| Growing Degree Units (Accumulated Monthly)          |   |   |    |     |     |      |      |      |      |      |      |      |
|-----------------------------------------------------|---|---|----|-----|-----|------|------|------|------|------|------|------|
| 40                                                  | 0 | 2 | 22 | 119 | 502 | 1154 | 1963 | 2714 | 3209 | 3393 | 3425 | 3425 |
| 45                                                  | 0 | 0 | 9  | 57  | 313 | 817  | 1471 | 2067 | 2421 | 2522 | 2534 | 2534 |
| 50                                                  | 0 | 0 | 3  | 24  | 179 | 539  | 1038 | 1481 | 1711 | 1760 | 1764 | 1764 |
| 55                                                  | 0 | 0 | 1  | 8   | 90  | 320  | 668  | 962  | 1094 | 1114 | 1115 | 1115 |
| 60                                                  | 0 | 0 | 0  | 2   | 38  | 161  | 371  | 533  | 596  | 602  | 602  | 602  |
| Growing Degree Units for Corn (Monthly Accumulated) |   |   |    |     |     |      |      |      |      |      |      |      |
| 50/86                                               | 0 | 1 | 17 | 84  | 308 | 698  | 1203 | 1662 | 1945 | 2044 | 2061 | 2062 |

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