

MARCH 2021

LOCAL CLIMATOLOGICAL DATA

DAVIS INSTRUMENTS, WEATHERLINK NETWORK

Moorhead, MN USA  
N Moorhead/CW 9825



Lat: 46.8877 Long: -96.7480 Elev (ground): 0 feet Time Zone: America/Chicago

| TEMPERATURE °F       |         |         |         |                      |                     | DEG DAYS<br>BASE 65°  |         | PRECIP.<br>(in)              | PRESSURE<br>(mb)   |                                      | WIND SPEED = mph<br>DIR = DEGREES |                  |                  |                                   |     |          | Date |     |  |
|----------------------|---------|---------|---------|----------------------|---------------------|-----------------------|---------|------------------------------|--------------------|--------------------------------------|-----------------------------------|------------------|------------------|-----------------------------------|-----|----------|------|-----|--|
| Date                 | MAXIMUM | MINIMUM | AVERAGE | AVERAGE<br>DEW PT    | AVERAGE<br>WET BULB | HEATING               | COOLING | WATER<br>EQUIV               | AVERAGE<br>STATION | AVERAGE<br>SEA LEVEL                 | RESULTANT<br>SPEED                | RES DIR          | AVERAGE<br>SPEED | WIND MAX                          |     |          |      |     |  |
|                      |         |         |         |                      |                     |                       |         |                              |                    |                                      |                                   |                  |                  | INSTANT                           |     | ARCHIVE  |      |     |  |
|                      |         |         |         |                      |                     |                       |         |                              |                    |                                      |                                   |                  |                  | SPEED                             | DIR | SPEED    |      | DIR |  |
| 01                   | 19.5    | -2.9    | 9.0     | 2.2                  | 7.5                 | 55.961                | 0.000   | 0.00                         | 1025.1             | 1025.1                               | 2.4                               | 152              | 6.0              | 27.0                              | 158 | 14.0     | 158  | 01  |  |
| 02                   | 49.9    | 19.4    | 33.9    | 28.2                 | 31.2                | 31.052                | 0.000   | 0.00                         | 1008.6             | 1008.6                               | 3.2                               | 237              | 6.0              | 22.0                              | 180 | 11.0     | 180  | 02  |  |
| 03                   | 43.1    | 23.1    | 32.1    | 27.5                 | 30.1                | 32.756                | 0.000   | 0.00                         | 1017.6             | 1017.6                               | 1.3                               | 93               | 2.0              | 11.0                              | 135 | 7.0      | 158  | 03  |  |
| 04                   | 46.9    | 26.7    | 36.8    | 30.2                 | 33.7                | 28.183                | 0.000   | 0.00                         | 1023.4             | 1023.4                               | 4.7                               | 149              | 4.0              | 22.0                              | 158 | 13.0     | 158  | 04  |  |
| 05                   | 48.9    | 25.4    | 36.2    | 30.2                 | 33.2                | 28.839                | 0.000   | 0.00                         | 1027.0             | 1027.0                               | 1.7                               | 79               | 1.0              | 11.0                              | 45  | 5.0      | 22   | 05  |  |
| 06                   | 47.9    | 28.0    | 37.9    | 30.2                 | 34.2                | 27.130                | 0.000   | 0.00                         | 1022.2             | 1022.2                               | 8.2                               | 155              | 8.0              | 31.0                              | 158 | 19.0     | 158  | 06  |  |
| 07                   | 58.7    | 38.6    | 45.9    | 37.4                 | 41.2                | 19.112                | 0.000   | 0.00                         | 1012.5             | 1012.5                               | 5.3                               | 203              | 9.0              | 45.0                              | 135 | 21.0     | 158  | 07  |  |
| 08                   | 56.0    | 25.8    | 42.5    | 33.7                 | 37.8                | 22.489                | 0.000   | 0.00                         | 1020.4             | 1020.4                               | 3.3                               | 157              | 3.0              | 18.0                              | 158 | 11.0     | 158  | 08  |  |
| 09                   | 64.8    | 36.9    | 49.4    | 41.4                 | 44.7                | 15.606                | 0.000   | 0.00                         | 1007.6             | 1007.6                               | 5.8                               | 193              | 10.0             | 31.0                              | 158 | 15.0     | 158  | 09  |  |
| 10                   | 37.0    | 25.8    | 30.4    | 27.5                 | 29.2                | 34.571                | 0.000   | 0.00                         | 1009.7             | 1009.7                               | 8.2                               | 7                | 8.0              | 25.0                              | 22  | 16.0     | 22   | 10  |  |
| 11                   | 40.0    | 20.2    | 30.3    | 24.3                 | 27.8                | 34.738                | 0.000   | 0.00                         | 1018.1             | 1018.1                               | 4.8                               | 312              | 5.0              | 20.0                              | 292 | 12.0     | 292  | 11  |  |
| 12                   | 38.5    | 12.1    | 26.8    | 19.2                 | 24.0                | 38.249                | 0.000   | 0.00                         | 1029.5             | 1029.5                               | 4.6                               | 177              | 4.0              | 22.0                              | 135 | 11.0     | 158  | 12  |  |
| 13                   | 58.1    | 29.1    | 42.1    | 33.5                 | 37.4                | 22.451                | 0.000   | 0.00                         | 1026.7             | 1026.7                               | 0.4                               | 167              | 2.0              | 15.0                              | 360 | 10.0     | 22   | 13  |  |
| 14                   | 46.4    | 26.3    | 36.4    | 23.7                 | 30.3                | 27.451                | 0.000   | 0.00                         | 1029.7             | 1029.7                               | 4.1                               | 77               | 4.0              | 18.0                              | 45  | 9.0      | 90   | 14  |  |
| 15                   | 34.3    | 28.3    | 31.1    | 24.6                 | 28.5                | 33.930                | 0.000   | 0.00                         | 1019.5             | 1019.5                               | 5.4                               | 126              | 5.0              | 19.0                              | 135 | 10.0     | 112  | 15  |  |
| 16                   | 35.4    | 29.7    | 31.9    | 28.7                 | 30.6                | 33.090                | 0.000   | 0.00                         | 1015.9             | 1015.9                               | 2.1                               | 156              | 2.0              | 11.0                              | 135 | 6.0      | 158  | 16  |  |
| 17                   | 43.2    | 31.0    | 35.6    | 30.3                 | 33.2                | 29.360                | 0.000   | 0.00                         | 1020.3             | 1020.3                               | 1.6                               | 21               | 2.0              | 13.0                              | 22  | 8.0      | 22   | 17  |  |
| 18                   | 52.3    | 21.4    | 37.0    | 26.2                 | 31.5                | 28.006                | 0.000   | 0.00                         | 1028.2             | 1028.2                               | 0.4                               | 140              | 2.0              | 12.0                              | 135 | 6.0      | 158  | 18  |  |
| 19                   | 53.9    | 27.5    | 40.2    | 30.8                 | 35.2                | 24.824                | 0.000   | 0.00                         | 1025.7             | 1025.7                               | 7.8                               | 172              | 8.0              | 34.0                              | 158 | 17.0     | 158  | 19  |  |
| 20                   | 61.9    | 36.5    | 48.1    | 37.1                 | 41.8                | 17.064                | 0.000   | 0.00                         | 1013.5             | 1013.5                               | 12.3                              | 167              | 12.0             | 39.0                              | 158 | 19.0     | 180  | 20  |  |
| 21                   | 49.3    | 38.1    | 44.3    | 38.2                 | 41.1                | 20.714                | 0.000   | 0.02                         | 1008.7             | 1008.7                               | 4.6                               | 176              | 6.0              | 27.0                              | 158 | 14.0     | 158  | 21  |  |
| 22                   | 53.0    | 26.4    | 39.6    | 28.4                 | 33.8                | 25.785                | 0.000   | 0.00                         | 1015.9             | 1015.9                               | 0.9                               | 312              | 2.0              | 12.0                              | 292 | 7.0      | 292  | 22  |  |
| 23                   | 55.1    | 32.5    | 43.5    | 30.1                 | 36.3                | 21.494                | 0.000   | 0.00                         | 1014.0             | 1014.0                               | 4.1                               | 46               | 4.0              | 22.0                              | 22  | 11.0     | 360  | 23  |  |
| 24                   | 49.1    | 23.4    | 35.3    | 24.1                 | 30.0                | 29.656                | 0.000   | 0.00                         | 1011.6             | 1011.6                               | 5.3                               | 341              | 5.0              | 27.0                              | 360 | 12.0     | 360  | 24  |  |
| 25                   | 54.3    | 20.8    | 38.8    | 26.9                 | 32.6                | 26.197                | 0.000   | 0.00                         | 1011.0             | 1011.0                               | 5.3                               | 151              | 5.0              | 26.0                              | 158 | 15.0     | 135  | 25  |  |
| 26                   | 48.6    | 28.7    | 38.1    | 32.7                 | 35.5                | 26.946                | 0.000   | 0.00                         | 1012.8             | 1012.8                               | 6.6                               | 164              | 6.0              | 24.0                              | 158 | 13.0     | 158  | 26  |  |
| 27                   | 48.3    | 29.7    | 39.4    | 29.9                 | 34.7                | 25.606                | 0.000   | 0.00                         | 1015.0             | 1015.0                               | 3.9                               | 331              | 4.0              | 24.0                              | 315 | 12.0     | 22   | 27  |  |
| 28                   | 48.1    | 19.3    | 35.4    | 21.9                 | 29.0                | 30.081                | 0.000   | 0.00                         | 1016.4             | 1016.4                               | 4.3                               | 166              | 5.0              | 26.0                              | 135 | 16.0     | 158  | 28  |  |
| 29                   | 76.8    | 32.1    | 50.7    | 34.3                 | 40.6                | 15.715                | 1.209   | 0.00                         | 994.1              | 994.1                                | 8.0                               | 200              | 13.0             | 44.0                              | 270 | 23.0     | 270  | 29  |  |
| 30                   | 32.1    | 23.7    | 27.6    | 13.1                 | 22.1                | 37.389                | 0.000   | 0.00                         | 1008.6             | 1008.6                               | 12.1                              | 281              | 12.0             | 40.0                              | 292 | 19.0     | 270  | 30  |  |
| 31                   | 35.3    | 16.1    | 24.1    | 11.4                 | 19.4                | 40.902                | 0.000   | 0.00                         | 1027.8             | 1027.8                               | 4.0                               | 337              | 4.0              | 23.0                              | 315 | 11.0     | 292  | 31  |  |
|                      | 48.0    | 25.8    | 36.5    | 27.7                 | 32.2                | 28.560                | 1.209   |                              | 1017.3             | 1017.3                               | 4.7                               | 175.66           | 5.5              | < Monthly Avg                     |     |          |      |     |  |
| NUMBER OF DAYS WITH: |         | >       |         | Maximum Temp ≥ 90: 0 |                     | Minimum Temp ≤ 32: 25 |         | Precipitation ≥ 0.01 inch: 1 |                    | Greatest 24 - hr precipitation: 0.02 |                                   | Date: 20-21      |                  | Monthly Total Precipitation: 0.02 |     |          |      |     |  |
|                      |         |         |         | Maximum Temp ≤ 32: 1 |                     | Minimum Temp ≤ 0: 1   |         | Precipitation ≥ 0.10 inch: 0 |                    |                                      |                                   |                  |                  |                                   |     |          |      |     |  |
| SEA LEVEL PRESSURE:  |         | >       |         | MAXIMUM: 1033.0      |                     | DATE: 14              |         | TIME: 11:50                  |                    | MONTHLY TOTAL                        |                                   | HEATING: 885.346 |                  | SEASON TO DATE TOTAL              |     | 7245.760 |      |     |  |
|                      |         |         |         | MINIMUM: 985.2       |                     | DATE: 29              |         | TIME: 15:55                  |                    | DEGREEE DAYS: >                      |                                   | COOLING: 1.209   |                  | 1.209                             |     |          |      |     |  |

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