



# MillbankPWS Davis VP2+

Monthly weather report

August 2024

|           |                    |             |                                                                                                                                                                                                                                                                                                    |
|-----------|--------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Location  | Munlochy, Highland | Brand       | Davis Instruments                                                                                                                                                                                                                                                                                  |
| Latitude  | 57° 32' 55" N      | Model       | Vantage Pro2 Plus                                                                                                                                                                                                                                                                                  |
| Longitude | 4° 15' 43" W       | Description | Munlochy PWS is a private, operational weather site uploading live weather data from three automatic digital weather station. Along with manual instruments the station is located adjacent to the 'Old Mill' in the centre of Munlochy Village on the Moray Firth Coast in the North of Scotland. |
| Elevation | 18.0 m             |             |                                                                                                                                                                                                                                                                                                    |
| Time zone | Europe/London      |             |                                                                                                                                                                                                                                                                                                    |

| Day | Temperature |      |       |      |       | Humidity | Pressure | Rain  | Rate |       | Wind |      |      |       | Radiation | ET    |
|-----|-------------|------|-------|------|-------|----------|----------|-------|------|-------|------|------|------|-------|-----------|-------|
|     | Avg         | Max  | Time  | Min  | Time  | Avg      | Avg      | Total | Max  | Time  | Avg  | Dir  | Gust | Time  | Avg       | Total |
| 1   | 16.9        | 23.3 | 17:20 | 10.2 | 00:20 | 78.2     | 1012.3   | 0.0   |      |       | 1.0  | Calm | 13.9 | 15:00 | 314.8     | 13.0  |
| 2   | 16.3        | 22.7 | 12:30 | 10.4 | 23:50 | 86.7     | 1005.4   | 5.0   | 9.8  | 20:30 | 0.8  | Calm | 15.9 | 13:20 | 120.0     | 4.9   |
| 3   | 13.0        | 20.5 | 14:30 | 5.8  | 05:50 | 82.9     | 1007.1   | 0.4   | 3.6  | 19:00 | 1.0  | Calm | 15.9 | 13:20 | 338.7     | 11.9  |
| 4   | 13.9        | 18.5 | 12:30 | 9.1  | 05:20 | 86.4     | 1006.5   | 5.4   | 4.6  | 18:20 | 0.7  | Calm | 15.0 | 14:10 | 158.8     | 6.0   |
| 5   | 17.7        | 23.2 | 09:50 | 13.6 | 00:00 | 86.7     | 1000.6   | 4.0   | 5.0  | 10:20 | 1.1  | Calm | 13.0 | 12:30 | 253.0     | 10.3  |
| 6   | 14.5        | 21.0 | 16:40 | 10.2 | 06:10 | 85.6     | 1002.3   | 0.2   | 4.8  | 00:00 | 0.8  | Calm | 15.0 | 11:20 | 321.4     | 11.9  |
| 7   | 15.6        | 18.8 | 15:50 | 12.1 | 00:40 | 74.9     | 998.7    | 0.0   |      |       | 4.0  | SW   | 21.9 | 16:30 | 278.1     | 11.2  |
| 8   | 15.1        | 17.5 | 11:50 | 13.2 | 06:00 | 78.6     | 1002.8   | 0.8   | 0.8  | 20:00 | 1.5  | W    | 11.9 | 11:50 | 104.6     | 6.4   |
| 9   | 15.8        | 18.8 | 13:40 | 12.7 | 00:20 | 73.7     | 1001.3   | 0.0   |      |       | 5.5  | W    | 32.9 | 17:00 | 321.7     | 12.3  |
| 10  | 13.8        | 16.2 | 13:50 | 11.6 | 05:40 | 85.6     | 1010.9   | 6.8   | 10.4 | 11:10 | 2.5  | WNW  | 15.9 | 13:00 | 175.9     | 6.3   |
| 11  | 15.5        | 20.9 | 14:40 | 10.2 | 06:10 | 77.4     | 1018.2   | 0.0   |      |       | 2.4  | ESE  | 13.9 | 17:20 | 292.2     | 13.4  |
| 12  | 17.7        | 22.2 | 13:50 | 13.0 | 23:50 | 75.4     | 1003.9   | 9.6   | 45.0 | 09:30 | 2.8  | SW   | 18.8 | 14:50 | 261.7     | 10.7  |
| 13  | 14.9        | 21.8 | 15:20 | 8.3  | 05:20 | 80.8     | 1001.8   | 0.0   |      |       | 2.7  | Calm | 28.9 | 17:40 | 191.1     | 8.6   |
| 14  | 15.8        | 21.1 | 16:20 | 9.7  | 05:10 | 72.1     | 1010.0   | 0.0   |      |       | 2.1  | SW   | 16.8 | 18:00 | 312.4     | 13.6  |
| 15  | 14.4        | 17.8 | 15:40 | 11.7 | 23:50 | 82.9     | 1003.2   | 2.2   | 1.2  | 00:30 | 1.7  | W    | 16.8 | 15:20 | 172.4     | 6.3   |
| 16  | 13.8        | 17.2 | 12:00 | 10.6 | 03:10 | 77.0     | 1006.1   | 0.0   |      |       | 3.2  | WSW  | 25.9 | 14:40 | 182.7     | 7.5   |
| 17  | 13.8        | 17.4 | 12:50 | 10.8 | 02:40 | 77.7     | 1005.2   | 0.8   | 2.8  | 00:10 | 1.9  | W    | 15.0 | 11:40 | 146.4     | 6.3   |
| 18  | 13.4        | 17.7 | 13:00 | 10.2 | 05:30 | 76.3     | 1006.7   | 0.8   | 0.0  | 00:00 | 2.6  | WSW  | 18.8 | 11:10 | 212.2     | 9.1   |
| 19  | 13.9        | 16.9 | 17:30 | 12.3 | 22:30 | 83.1     | 1004.1   | 5.2   | 2.4  | 23:40 | 1.2  | Calm | 11.9 | 01:50 | 105.1     | 4.0   |
| 20  | 12.4        | 16.6 | 12:00 | 10.1 | 22:30 | 90.0     | 996.5    | 3.6   | 6.6  | 03:20 | 1.4  | Calm | 18.8 | 15:00 | 292.7     | 9.6   |
| 21  | 14.3        | 18.1 | 16:00 | 9.5  | 04:50 | 84.2     | 999.0    | 0.4   | 0.0  | 01:10 | 3.6  | W    | 25.9 | 14:20 | 171.7     | 6.4   |
| 22  | 14.9        | 18.3 | 13:50 | 10.0 | 23:50 | 72.2     | 990.2    | 0.0   |      |       | 4.3  | SW   | 28.0 | 10:20 | 357.0     | 14.9  |
| 23  | 12.2        | 17.5 | 14:20 | 9.6  | 04:00 | 82.0     | 992.5    | 4.2   | 1.8  | 06:50 | 2.0  | Calm | 17.9 | 12:30 | 285.9     | 10.6  |
| 24  | 12.1        | 17.7 | 14:20 | 7.5  | 05:40 | 80.6     | 996.2    | 0.2   | 0.0  | 00:00 | 2.4  | WSW  | 17.9 | 16:00 | 268.8     | 8.7   |
| 25  | 12.7        | 15.8 | 13:40 | 9.6  | 06:10 | 82.1     | 1001.4   | 3.4   | 6.0  | 17:20 | 1.7  | W    | 17.9 | 18:00 | 147.0     | 5.7   |
| 26  | 13.6        | 18.8 | 14:20 | 8.5  | 03:20 | 77.4     | 1009.8   | 0.0   |      |       | 1.0  | Calm | 13.0 | 13:00 | 216.9     | 7.7   |
| 27  | 16.6        | 21.8 | 12:30 | 12.9 | 00:10 | 83.4     | 1004.5   | 2.0   | 3.4  | 07:00 | 2.4  | Calm | 22.8 | 14:20 | 301.0     | 10.0  |
| 28  | 15.2        | 21.3 | 12:00 | 9.3  | 04:20 | 83.9     | 1006.8   | 1.8   | 1.2  | 05:40 | 1.0  | Calm | 13.9 | 13:00 | 285.4     | 9.4   |
| 29  | 12.6        | 16.3 | 13:40 | 8.7  | 02:40 | 82.4     | 1009.9   | 0.0   |      |       | 2.1  | Calm | 17.9 | 15:20 | 148.9     | 5.7   |
| 30  | 14.0        | 18.0 | 14:40 | 7.5  | 23:50 | 73.7     | 1024.0   | 0.0   |      |       | 1.3  | Calm | 13.9 | 10:00 | 246.8     | 8.7   |
| 31  | 11.6        | 18.3 | 13:50 | 3.3  | 06:40 | 82.6     | 1026.3   | 0.0   |      |       | 2.4  | Calm | 15.0 | 15:50 | 363.2     | 12.0  |
|     | 14.4        | 23.3 | 1     | 3.3  | 31    | 80.8     | 1005.2   | 56.8  | 45.0 | 12    | 2.0  | Calm | 32.9 | 9     | 236.0     | 283.1 |

Temperature (°C) Humidity (%) Pressure (hPa) Rain (mm) Rate (mm/h) Wind (mph) Radiation (W/m²) ET (mm)

