

Climatological Record
University of Maryland - Salisbury Facility
27664 Nanticoke Road, Salisbury, MD 21801

August 2024

| August 2024 | | | | | | | | | | | |
|--------------------|--------------------|--------------|--------------|--------------|-------------|-------------------|-------|-------|-------------|---------|------------|
| | | Air Temp | | | Total Solar | Relative Humidity | | | Total | Leaf | Daily Wind |
| Day | Date | F° | | | RAD | % | | | Rain | Wetness | Run |
| | | Max | Min | Avg | MJ m-2 | Max | Min | Avg | Inches | Hour | Miles |
| Thurs | 1 | 91.40 | 69.94 | 81.2 | 11.20 | 99.70 | 0.405 | 51.16 | 0.00 | 24 | 15.12 |
| Fri | 2 | 91.70 | 74.82 | 83.3 | 11.14 | 99.70 | 0.44 | 64.07 | 0.00 | 24 | 15.12 |
| Sat | 3 | 88.20 | 75.24 | 80.5 | 9.58 | 84.20 | 53.72 | 70.8 | 0.00 | 24 | 15.12 |
| Sun | 4 | 82.40 | 69.88 | 75.42 | 4.88 | 99.70 | 0.41 | 66.89 | 0.25 | 24 | 15.12 |
| Mon | 5 | 87.30 | 68.42 | 77.76 | 10.36 | 99.70 | 0.37 | 39.47 | 0.00 | 24 | 15.12 |
| Tues | 6 | 85.80 | 73.50 | 78.52 | 9.57 | 99.70 | 0.44 | 63.2 | 0.00 | 24 | 15.12 |
| Wed | 7 | 83.20 | 72.22 | 76.13 | 7.34 | 99.70 | 0.44 | 57.17 | 0.72 | 23.74 | 15.12 |
| Thurs | 8 | 79.21 | 71.92 | 75.57 | 2.63 | 99.80 | 0.41 | 50.01 | 0.04 | 24 | 15.12 |
| Fri | 9 | 81.20 | 72.63 | 77.87 | 4.62 | 99.70 | 0.30 | 68.66 | 0.39 | 23.98 | 15.12 |
| Sat | 10 | 86.30 | 70.95 | 77.55 | 9.39 | 99.80 | 0.24 | 40.92 | 0.10 | 23.93 | 15.12 |
| Sun | 11 | 82.10 | 66.20 | 74.12 | 10.26 | 99.70 | 0.27 | 56.94 | 0.00 | 24 | 15.12 |
| Mon | 12 | 80.90 | 63.29 | 71.87 | 9.49 | 99.80 | -0.17 | 42.64 | 0.00 | 24 | 15.12 |
| Tues | 13 | 81.40 | 60.33 | 70.11 | 9.83 | 99.80 | 0.14 | 39.96 | 0.00 | 24 | 15.12 |
| Wed | 14 | 83.00 | 58.75 | 70.61 | 10.69 | 99.80 | 0.14 | 43.61 | 0.00 | 24 | 15.12 |
| Thurs | 15 | 84.90 | 61.18 | 72.4 | 10.88 | 99.80 | 0.20 | 41.88 | 0.00 | 24 | 15.12 |
| Fri | 16 | 85.90 | 59.72 | 73.16 | 10.26 | 99.80 | 0.10 | 40.49 | 0.00 | 24 | 15.12 |
| Sat | 17 | 81.80 | 66.21 | 73.01 | 4.77 | 85.40 | 53.04 | 72.77 | 0.02 | 24 | 15.12 |
| Sun | 18 | 85.20 | 68.48 | 75.16 | 7.65 | 99.70 | 0.17 | 41.91 | 0.46 | 23.76 | 15.12 |
| Mon | 19 | 83.50 | 67.02 | 73.58 | 8.33 | 99.70 | 0.14 | 35.15 | 0.33 | 23.86 | 15.12 |
| Tues | 20 | 71.84 | 55.07 | 65.38 | 9.26 | 99.80 | 0.34 | 68.44 | 0.00 | 24 | 15.12 |
| Wed | 21 | 72.56 | 49.69 | 60.92 | 10.67 | 99.90 | 0.07 | 55.26 | 0.00 | 24 | 15.12 |
| Thurs | 22 | 75.69 | 49.39 | 62.51 | 9.98 | 99.80 | -0.03 | 35.74 | 0.00 | 24 | 15.12 |
| Fri | 23 | 80.20 | 49.80 | 64.98 | 10.21 | 99.80 | 0.07 | 32.21 | 0.00 | 24 | 15.12 |
| Sat | 24 | 81.90 | 50.76 | 66.2 | 9.89 | 99.80 | -0.34 | 45.02 | 0.00 | 24 | 15.12 |
| Sun | 25 | 81.90 | 53.80 | 68.27 | 10.06 | 99.80 | 0.03 | 46.92 | 0.00 | 24 | 15.12 |
| Mon | 26 | 83.80 | 59.24 | 70.82 | 7.77 | 99.80 | 0.03 | 48.58 | 0.00 | 24 | 15.12 |
| Tues | 27 | 88.10 | 62.74 | 74.25 | 10.33 | 99.70 | 0.14 | 34.53 | 0.00 | 24 | 15.12 |
| Wed | 28 | 93.10 | 68.49 | 78.81 | 8.60 | 99.70 | 0.27 | 65.51 | 0.00 | 24 | 15.12 |
| Thurs | 29 | 87.00 | 69.56 | 75.58 | 8.65 | 99.80 | 0.20 | 46.79 | 0.00 | 24 | 15.12 |
| Fri | 30 | 75.97 | 67.87 | 71.17 | 3.98 | 99.70 | 0.20 | 39.09 | 0.64 | 23.8 | 15.12 |
| Sat | 31 | 82.00 | 67.63 | 72.80 | 6.243 | 99.70 | 0.10 | 36.68 | 0.00 | 24 | 15.12 |
| Avg | | 83.21 | | 73.21 | | | | | 2.95 | | |
| Sum | | | | | | | | | | | |
| 10 Yr Avg | | 84.30 | 66.49 | 74.81 | | | | | 5.05 | | |

OBSERVATION TIME: MIDNIGHT TO MIDNIGHT

SENSOR DESCRIPTION and LOCATION: Sensor heights are 6 ft. height over grass, soil temperature sensors are in a vegetation-free area at 2-inch depth.

Aspirated sensor for air temperature and humidity

Weather Station Location: N38° 22.474, W 075° 39.461

Irrigation of 1.0 inch was applied when rainfall was less than 0.7 inches.

Radiation (RAD) measured as total irradiance in megajoules/m2

Weather Station Location: N 38° 22.474, W 075° 39.461