

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

| September 2022 | | | | | | | | | | | | | |
|-----------------------|--------------------|--------------|--------------|--------------|-------------|-------------------|-------|-------|-------------|---------|------------|-----------|-------|
| Day | Date | Air Temp | | | Total Solar | Relative Humidity | | | Total | Leaf | Daily Wind | Soil Temp | |
| | | Max | Min | Avg | RAD | Max | Min | Avg | Rain | Wetness | Run | 2" Depth | |
| | | F° | | | | % | | | Inches | Hour | Miles | Max | Min |
| Thurs | 1 | 84.10 | 60.80 | 72.25 | 10.820 | 99.80 | 30.50 | 65.91 | 0.00 | 24 | 39.29 | -7999 | -7999 |
| Fri | 2 | 82.00 | 60.68 | 71.29 | 10.060 | 99.90 | 47.60 | 74.87 | 0.00 | 24 | 71.89 | -7999 | -7999 |
| Sat | 3 | 85.30 | 59.28 | 71.94 | 8.910 | 99.80 | 37.65 | 74.17 | 0.00 | 24 | 36.47 | -7999 | -7999 |
| Sun | 4 | 86.80 | 60.66 | 73.17 | 8.660 | 99.90 | 0.41 | 73.81 | 0.00 | 24 | 28.55 | -7999 | -7999 |
| Mon | 5 | 86.10 | 64.94 | 74.5 | 7.726 | 99.80 | 41.42 | 73.39 | 0.00 | 24 | 38.22 | -7999 | -7999 |
| Tues | 6 | 80.50 | 68.44 | 73.21 | 4.886 | 99.80 | 66.21 | 83.20 | 0.57 | 23.94 | 75.88 | -7999 | -7999 |
| Wed | 7 | 72.05 | 65.97 | 68.94 | 2.812 | 99.80 | 75.43 | 90.30 | 0.02 | 23.92 | 25.52 | -7999 | -7999 |
| Thurs | 8 | 73.93 | 59.22 | 67.25 | 5.713 | 99.90 | 53.07 | 80.60 | 0.01 | 24 | 28.13 | -7999 | -7999 |
| Fri | 9 | 77.96 | 56.74 | 67.02 | 10.120 | 99.90 | 37.15 | 76.89 | 0.00 | 21.12 | 58.15 | -7999 | -7999 |
| Sat | 10 | 81.60 | 55.83 | 69.02 | 9.480 | 99.90 | 39.41 | 76.52 | 0.00 | 23.52 | 66.19 | -7999 | -7999 |
| Sun | 11 | 75.51 | 69.29 | 71.46 | 1.698 | 99.90 | -0.34 | 58.82 | 2.18 | 23.04 | 22.51 | -7999 | -7999 |
| Mon | 12 | 85.20 | 68.81 | 75.44 | 7.447 | 99.80 | -0.24 | 41.87 | 1.41 | 23.59 | 39.71 | -7999 | -7999 |
| Tues | 13 | 79.60 | 64.23 | 71.63 | 7.361 | 99.90 | -0.34 | 45.16 | 0.24 | 23.9 | 31.45 | -7999 | -7999 |
| Wed | 14 | 77.53 | 55.83 | 66.45 | 9.710 | 99.90 | 36.84 | 70.99 | 0.00 | 24 | 42.18 | -7999 | -7999 |
| Thurs | 15 | 77.71 | 54.98 | 66.23 | 9.310 | 99.90 | 0.24 | 73.87 | 0.00 | 20.23 | 35.24 | -7999 | -7999 |
| Fri | 16 | 76.61 | 48.27 | 62.46 | 9.220 | 99.90 | 34.48 | 73.76 | 0.00 | 19.17 | 20.45 | -7999 | -7999 |
| Sat | 17 | 79.51 | 51.46 | 65.55 | 9.260 | 99.90 | 0.14 | 71.79 | 0.00 | 21.08 | 30.64 | -7999 | -7999 |
| Sun | 18 | 79.84 | 55.96 | 68.25 | 9.210 | 99.80 | -0.07 | 68.90 | 0.00 | 24 | 62.80 | -7999 | -7999 |
| Mon | 19 | 83.10 | 60.48 | 71.84 | 9.000 | 99.90 | 0.10 | 52.94 | 0.00 | 24 | 73.3 | -7999 | -7999 |
| Tues | 20 | 80.30 | 60.68 | 71.23 | 9.360 | 99.90 | -0.41 | 67.10 | 0.00 | 24 | 50.31 | -7999 | -7999 |
| Wed | 21 | 81.60 | 55.89 | 68.78 | 9.270 | 99.90 | -0.30 | 67.50 | 0.00 | 24 | 36.29 | -7999 | -7999 |
| Thurs | 22 | 81.60 | 59.58 | 70.13 | 4.959 | 88.50 | 48.30 | 73.41 | 0.04 | 23.99 | 80.8 | -7999 | -7999 |
| Fri | 23 | 64.80 | 46.27 | 56.4 | 9.660 | 78.98 | 26.58 | 52.24 | 0.00 | 24 | 79.13 | -7999 | -7999 |
| Sat | 24 | 67.98 | 42.27 | 55.15 | 7.761 | 85.40 | 31.36 | 60.18 | 0.00 | 24 | 44.38 | -7999 | -7999 |
| Sun | 25 | 77.78 | 52.80 | 66.6 | 7.906 | 86.80 | 43.26 | 63.50 | 0.00 | 24 | 126.9 | -7999 | -7999 |
| Mon | 26 | 76.87 | 56.74 | 67.27 | 9.060 | 99.90 | 0.30 | 61.14 | 0.00 | 24 | 82.8 | -7999 | -7999 |
| Tues | 27 | 71.75 | 52.37 | 61.27 | 8.980 | 85.40 | 23.84 | 57.91 | 0.00 | 24 | 56.5 | -7999 | -7999 |
| Wed | 28 | 67.98 | 47.78 | 57.56 | 8.990 | 88.10 | 37.33 | 61.40 | 0.00 | 24 | 39.56 | -7999 | -7999 |
| Thurs | 29 | 65.69 | 50.44 | 57.7 | 6.047 | 88.50 | 47.46 | 68.76 | 0.00 | 24 | 53.85 | -7999 | -7999 |
| Fri | 30 | 62.53 | 55.04 | 58.77 | 1.473 | 99.90 | 68.87 | 80.40 | 0.35 | 23.97 | 66.54 | 157 | 127 |
| | 31 | | | | | | | | | | | | |
| Avg | | 77.46 | 57.39 | 67.29 | | | | | 4.82 | | | | |
| Sum | | | | | | | | | | | | | |
| 10 Yr Avg | | 78.33 | 59.80 | 68.61 | | | | | 5.10 | | | | |

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