

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

| <b>February 2025</b> |                    |              |              |              |             |                   |       |       |             |         |            |
|----------------------|--------------------|--------------|--------------|--------------|-------------|-------------------|-------|-------|-------------|---------|------------|
|                      |                    | 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      |
| Wed                  | <a href="#">1</a>  | 52.93        | 28.90        | 43.23        | 5.70        | 99.80             | 0.135 | 33.13 | 0.49        | 23.93   | 15.12      |
| Thurs                | <a href="#">2</a>  | 43.03        | 22.12        | 32.75        | 4.40        | 74.25             | 38.60 | 54.97 | 0.00        | 24      | 15.12      |
| Fri                  | <a href="#">3</a>  | 56.82        | 32.96        | 45.58        | 5.46        | 87.70             | 47.82 | 68.48 | 0.00        | 24      | 15.12      |
| Sat                  | <a href="#">4</a>  | 60.87        | 36.84        | 49.67        | 5.64        | 83.60             | 35.68 | 57.97 | 0.00        | 24      | 15.12      |
| Sun                  | <a href="#">5</a>  | 37.27        | 26.61        | 32.68        | 1.02        | 89.60             | 35.90 | 57.47 | 0.00        | 24      | 15.12      |
| Mon                  | <a href="#">6</a>  | 43.68        | 30.59        | 37.1         | 1.52        | 99.90             | -0.10 | 17.29 | 0.66        | 23.69   | 15.12      |
| Tues                 | <a href="#">7</a>  | 49.45        | 29.99        | 44.52        | 5.59        | 99.90             | 0.00  | 39.85 | 0.03        | 22.87   | 15.12      |
| Wed                  | <a href="#">8</a>  | 34.47        | 25.81        | 31.17        | 0.83        | 99.90             | -0.10 | 54.3  | 0.27        | 24      | 15.12      |
| Thurs                | <a href="#">9</a>  | 45.81        | 34.11        | 38.9         | 5.47        | 99.90             | -0.03 | 32.75 | 0.02        | 23.79   | 15.12      |
| Fri                  | <a href="#">10</a> | 42.10        | 24.29        | 34.65        | 5.60        | 82.90             | 34.67 | 58.05 | 0.00        | 24      | 15.12      |
| Sat                  | <a href="#">11</a> | 37.06        | 23.99        | 30.03        | 1.70        | 99.90             | 0.03  | 50.45 | 0.00        | 24      | 15.12      |
| Sun                  | <a href="#">12</a> | 37.36        | 30.77        | 33.79        | 1.65        | 0.64              | -0.10 | 0.32  | 0.97        | 24      | 15.12      |
| Mon                  | <a href="#">13</a> | 44.41        | 34.95        | 40.45        | 1.46        | 99.90             | 0.17  | 26.66 | 0.54        | 23.88   | 15.12      |
| Tues                 | <a href="#">14</a> | 39.63        | 25.39        | 32.93        | 7.05        | 76.68             | 24.48 | 47.94 | 0.00        | 24      | 15.12      |
| Wed                  | <a href="#">15</a> | 51.79        | 25.27        | 37.56        | 1.44        | 99.90             | 0.24  | 49.11 | 0.60        | 24      | 15.12      |
| Thurs                | <a href="#">16</a> | 63.83        | 39.32        | 54.29        | 1.57        | 99.80             | 0.27  | 40.36 | 0.61        | 23.94   | 15.12      |
| Fri                  | <a href="#">17</a> | 40.85        | 28.90        | 35.26        | 7.18        | 51.86             | 24.69 | 37.32 | 0.00        | 24      | 15.12      |
| Sat                  | <a href="#">18</a> | 33.10        | 24.41        | 29.03        | 6.13        | 56.91             | 18.72 | 31.78 | 0.00        | 24      | 15.12      |
| Sun                  | <a href="#">19</a> | 24.66        | 18.41        | 20.43        | 1.69        | 93.60             | 32.11 | 52.49 | 0.00        | 24      | 15.12      |
| Mon                  | <a href="#">20</a> | 26.37        | 18.59        | 22.65        | 4.72        | 93.70             | 39.50 | 59.67 | 0.04        | 24      | 15.12      |
| Tues                 | <a href="#">21</a> | 36.62        | 22.65        | 28.14        | 7.51        | 53.62             | 29.49 | 44.66 | 0.02        | 24      | 15.12      |
| Wed                  | <a href="#">22</a> | 38.48        | 15.74        | 28.45        | 7.04        | 80.00             | 33.00 | 54.08 | 0.00        | 24      | 15.12      |
| Thurs                | <a href="#">23</a> | 47.39        | 22.67        | 34.84        | 7.76        | 99.90             | 0.30  | 52.37 | 0.00        | 24      | 15.12      |
| Fri                  | <a href="#">24</a> | 53.69        | 23.87        | 39.04        | 7.62        | 85.90             | 23.53 | 53.03 | 0.00        | 24      | 15.12      |
| Sat                  | <a href="#">25</a> | 62.16        | 37.15        | 47.43        | 6.65        | 81.90             | 26.79 | 52.18 | 0.00        | 24      | 15.12      |
| Sun                  | <a href="#">26</a> | 60.20        | 29.08        | 45.2         | 7.65        | 99.90             | 0.10  | 60.63 | 0.00        | 24      | 15.12      |
| Mon                  | <a href="#">27</a> | 60.92        | 43.80        | 54.67        | 2.06        | 76.08             | 43.85 | 56.3  | 0.00        | 24      | 15.12      |
| Tues                 | <a href="#">28</a> | 51.52        | 35.76        | 45.04        | 7.62        | 79.92             | 25.89 | 47.19 | 0.00        | 24      | 15.12      |
| Wed                  | <a href="#">29</a> |              |              |              |             |                   |       |       |             |         |            |
| Thurs                | <a href="#">30</a> |              |              |              |             |                   |       |       |             |         |            |
| Fri                  | <a href="#">31</a> |              |              |              |             |                   |       |       |             |         |            |
| <b>Avg</b>           |                    | <b>45.59</b> | <b>28.32</b> | <b>37.48</b> |             |                   |       |       |             |         |            |
| <b>Sum</b>           |                    |              |              |              |             |                   |       |       | <b>4.25</b> |         |            |
| <b>10 Yr Avg</b>     |                    | <b>48.90</b> | <b>30.27</b> | <b>39.71</b> |             |                   |       |       | <b>3.07</b> |         |            |

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