

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

**October 2023**

Day	Date	Air Temp			Total Solar	Relative Humidity			Total	Leaf	Daily Wind	Soil Temp	
		F°			RAD	%			Rain	Wetness	Run	2" Depth	
		Max	Min	Avg	MJ m-2	Max	Min	Avg	Inches	Hour	Miles	Max	Min
Sun	<a href="#">1</a>	76.56	54.25	63.67	7.38	99.80	-0.84	33.38	0.00	17.78	15.12	-7999	-7999
Mon	<a href="#">2</a>	78.44	54.01	65.33	7.20	99.80	-0.68	49.39	0.00	21.54	15.12	-7999	-7999
Tues	<a href="#">3</a>	80.80	53.29	64.75	7.06	99.80	-0.41	39.25	0.00	24	15.12	-7999	-7999
Wed	<a href="#">4</a>	79.58	49.91	64.12	7.98	99.80	-0.51	34.63	0.00	24	15.12	-7999	-7999
Thurs	<a href="#">5</a>	79.05	51.48	65.28	6.11	99.80	-0.30	39.27	0.00	24	15.12	-7999	-7999
Fri	<a href="#">6</a>	77.91	59.22	67.5	3.42	99.70	-0.30	28.44	0.03	23.28	15.12	-7999	-7999
Sat	<a href="#">7</a>	67.29	51.16	60.3	3.23	99.70	-0.07	35.96	0.02	23.97	15.12	-7999	-7999
Sun	<a href="#">8</a>	60.60	41.45	52.15	5.69	87.20	38.27	58.56	0.00	24	15.12	-7999	-7999
Mon	<a href="#">9</a>	62.99	37.39	51.05	7.30	99.90	-0.27	42.41	0.02	24	15.12	-7999	-7999
Tues	<a href="#">10</a>	68.53	43.01	55.92	7.42	99.80	-0.30	48.07	0.00	24	15.12	-7999	-7999
Wed	<a href="#">11</a>	70.65	46.75	57.62	6.75	99.80	0.00	50.47	0.00	24	15.12	-7999	-7999
Thurs	<a href="#">12</a>	72.92	43.86	58.10	6.93	99.80	-0.17	42.38	0.00	24	15.12	-7999	-7999
Fri	<a href="#">13</a>	68.81	44.34	55.91	7.04	99.80	-0.17	41.42	0.00	24	15.12	-7999	-7999
Sat	<a href="#">14</a>	61.82	44.65	55.02	1.06	99.90	-0.47	20.86	0.99	23.39	15.12	-7999	-7999
Sun	<a href="#">15</a>	60.93	42.82	52.29	5.67	99.90	-0.03	58.17	0.10	23.42	15.12	-7999	-7999
Mon	<a href="#">16</a>	59.06	39.08	49.12	5.54	99.90	-0.44	46.55	0.00	17.56	15.12	-7999	-7999
Tues	<a href="#">17</a>	62.63	42.04	51.67	5.00	99.90	-0.14	43.62	0.00	19.98	15.12	-7999	-7999
Wed	<a href="#">18</a>	63.42	40.11	50.33	6.37	99.90	-0.14	29.70	0.00	24	15.12	-7999	-7999
Thurs	<a href="#">19</a>	67.84	38.59	54.56	6.56	99.90	-0.57	39.73	0.00	24	15.12	-7999	-7999
Fri	<a href="#">20</a>	70.53	54.13	61.14	5.03	99.80	0.00	59.40	0.14	23.88	15.12	-7999	-7999
Sat	<a href="#">21</a>	64.70	46.93	57.13	4.35	99.80	0.03	44.53	0.01	23.99	15.12	-7999	-7999
Sun	<a href="#">22</a>	61.37	42.29	52.25	6.19	99.90	-0.20	53.09	0.00	24	15.12	-7999	-7999
Mon	<a href="#">23</a>	59.88	37.50	48.34	6.69	99.90	-0.37	56.36	0.00	24	15.12	-7999	-7999
Tues	<a href="#">24</a>	65.34	33.45	48.41	6.46	99.80	0.00	34.51	0.00	21.66	15.12	-7999	-7999
Wed	<a href="#">25</a>	72.11	43.98	57.38	6.14	99.80	-0.14	32.88	0.00	21.47	15.12	-7999	-7999
Thurs	<a href="#">26</a>	75.69	53.06	63.55	5.90	99.80	-0.07	48.39	0.00	21.9	15.12	-7999	-7999
Fri	<a href="#">27</a>	76.56	57.66	65.47	5.30	99.80	-0.24	58.10	0.00	19.71	15.12	-7999	-7999
Sat	<a href="#">28</a>	81.20	56.93	67.6	5.87	99.80	-0.03	57.47	0.00	24	15.12	-7999	-7999
Sun	<a href="#">29</a>	81.70	58.33	68.38	5.23	99.80	0.30	71.02	0.00	24	15.12	-7999	-7999
Mon	<a href="#">30</a>	77.65	50.37	64.78	5.63	99.80	-0.10	64.19	0.02	24	15.12	-7999	-7999
Tues	<a href="#">31</a>	51.60	44.88	47.89	1.144	85.90	56.70	71.81	0.01	24	15.12		
<b>Avg</b>		<b>69.62</b>	<b>47.00</b>	<b>57.97</b>					<b>1.34</b>				
<b>Sum</b>													
<b>10 Yr Avg</b>		<b>68.97</b>	<b>49.94</b>	<b>59.28</b>					<b>4.44</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