

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

**August 2022**

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
Mon	<a href="#">1</a>	83.70	72.38	76.58	9.300	99.80	51.86	77.54	0.00	24	52.1	-7999	-7999
Tues	<a href="#">2</a>	87.70	71.42	78.54	11.040	99.90	46.40	76.08	0.00	24	53.98	-7999	-7999
Wed	<a href="#">3</a>	89.60	67.37	78.28	11.920	99.80	38.19	72.74	0.00	24	21.26	-7999	-7999
Thurs	<a href="#">4</a>	91.00	69.78	80.1	11.280	99.90	43.60	75.48	0.00	24	56.91	-7999	-7999
Fri	<a href="#">5</a>	88.60	69.00	76.07	8.440	99.80	58.08	81.30	0.06	23.99	51.59	-7999	-7999
Sat	<a href="#">6</a>	85.00	70.51	76.21	7.208	99.90	52.26	86.50	0.19	24	37.58	-7999	-7999
Sun	<a href="#">7</a>	86.50	71.90	78.71	10.590	99.90	50.66	79.09	0.00	24	74.16	-7999	-7999
Mon	<a href="#">8</a>	87.90	72.88	80.3	11.320	99.80	54.25	78.14	0.00	24	96.2	-7999	-7999
Tues	<a href="#">9</a>	90.40	76.36	82.8	11.650	85.70	44.60	71.56	0.00	24	95.8	-7999	-7999
Wed	<a href="#">10</a>	90.00	70.69	80.1	8.360	99.90	50.77	79.67	0.24	23.78	27.87	-7999	-7999
Thurs	<a href="#">11</a>	82.30	66.40	74.6	8.060	99.90	47.89	81.40	0.00	24	30.06	-7999	-7999
Fri	<a href="#">12</a>	81.60	61.75	71.72	8.650	99.80	37.14	70.69	0.00	24	26.41	-7999	-7999
Sat	<a href="#">13</a>	81.10	59.16	68.66	12.320	99.90	24.97	57.51	0.00	24	31.91	-7999	-7999
Sun	<a href="#">14</a>	82.00	58.98	69.69	9.390	88.60	26.76	60.60	0.00	24	32.78	-7999	-7999
Mon	<a href="#">15</a>	78.62	64.34	70.42	9.900	85.50	38.26	65.62	0.00	24	33.79	-7999	-7999
Tues	<a href="#">16</a>	77.23	60.25	69.00	10.300	99.90	47.43	72.36	0.00	24	48.26	-7999	-7999
Wed	<a href="#">17</a>	78.79	58.98	68.48	10.930	99.90	35.36	71.84	0.00	24	36.35	-7999	-7999
Thurs	<a href="#">18</a>	82.50	57.40	70.36	11.580	99.90	34.41	71.74	0.00	24	53.72	-7999	-7999
Fri	<a href="#">19</a>	85.40	62.36	74.24	10.250	100.00	33.89	69.91	0.00	24	37.37	-7999	-7999
Sat	<a href="#">20</a>	86.00	65.25	74.74	10.710	99.80	35.18	71.13	0.00	24	47.45	-7999	-7999
Sun	<a href="#">21</a>	82.60	62.60	73.24	6.325	99.90	56.08	81.20	0.00	24	28.27	-7999	-7999
Mon	<a href="#">22</a>	83.80	70.45	75.82	7.576	99.90	53.58	82.90	0.00	24	53.6	-7999	-7999
Tues	<a href="#">23</a>	85.00	67.67	75.56	10.360	99.80	40.81	74.31	0.00	24	42.25	-7999	-7999
Wed	<a href="#">24</a>	87.50	63.51	74.62	10.140	99.90	33.11	71.53	0.00	24	33.80	-7999	-7999
Thurs	<a href="#">25</a>	89.20	62.97	75.36	9.530	99.90	33.35	73.57	0.05	24	30.42	-7999	-7999
Fri	<a href="#">26</a>	86.70	67.44	77.42	10.740	99.80	35.95	67.66	0.00	24	72.36	-7999	-7999
Sat	<a href="#">27</a>	89.30	67.55	75.03	8.230	99.80	42.52	80.00	0.01	24	35.04	-7999	-7999
Sun	<a href="#">28</a>	88.10	66.88	76.03	8.890	99.80	46.50	81.80	0.00	24	40.98	-7999	-7999
Mon	<a href="#">29</a>	89.10	67.13	76.55	8.650	99.80	0.47	81.00	0.00	24	33.13	-7999	-7999
Tues	<a href="#">30</a>	90.00	68.38	77.42	10.340	99.90	0.10	77.63	0.45	23.81	61.24	-7999	-7999
Wed	<a href="#">31</a>	81.90	63.70	73.17	10.660	99.90	34.95	71.49	0.01	24	72.88	-7999	-7999
<b>Avg</b>		85.46	66.30	75.16									
<b>Sum</b>									1.01				
<b>10 Yr Avg</b>		<b>83.73</b>	<b>66.11</b>	<b>74.34</b>					<b>6.22</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