

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

**July 2024**

Day	Date	Air Temp			Total Solar	Relative Humidity			Total	Leaf	Daily Wind
		F°			RAD	%			Rain	Wetness	Run
		Max	Min	Avg	MJ m-2	Max	Min	Avg	Inches	Hour	Miles
Mon	<a href="#">1</a>	78.62	63.23	70.97	11.99	80.20	39.710	55.83	0.00	24	15.12
Tues	<a href="#">2</a>	81.80	58.26	70.56	12.67	99.80	32.36	60.84	0.00	24	15.12
Wed	<a href="#">3</a>	82.00	55.41	70.27	12.66	99.80	0.03	40.43	0.00	24	15.12
Thurs	<a href="#">4</a>	87.20	67.16	77.3	10.90	99.80	0.27	64.16	0.00	24	15.12
Fri	<a href="#">5</a>	91.50	71.86	81.3	12.08	99.80	-0.10	54.21	0.00	24	15.12
Sat	<a href="#">6</a>	91.10	76.28	83.2	11.65	99.80	0.27	67.19	0.01	24	15.12
Sun	<a href="#">7</a>	93.70	74.76	82.8	10.33	99.70	0.30	53.36	0.00	24	15.12
Mon	<a href="#">8</a>	91.70	70.90	81	9.76	99.80	0.07	52.34	0.00	24	15.12
Tues	<a href="#">9</a>	90.90	73.31	81.6	10.59	99.80	0.34	64.52	0.00	24	15.12
Wed	<a href="#">10</a>	87.10	74.76	80.3	9.86	99.80	0.24	61.19	0.00	24	15.12
Thurs	<a href="#">11</a>	84.70	69.80	76.56	6.76	99.80	0.10	53.09	0.11	24	15.12
Fri	<a href="#">12</a>	78.02	69.31	73.07	2.10	99.80	0.14	16.18	2.64	22.36	15.12
Sat	<a href="#">13</a>	82.30	70.83	74.78	4.79	99.80	0.20	30.38	0.61	23.81	15.12
Sun	<a href="#">14</a>	89.20	69.56	78.97	10.71	99.70	0.14	40.11	0.01	24	15.12
Mon	<a href="#">15</a>	92.50	74.21	82.4	11.72	99.70	0.30	60.04	0.00	24	15.12
Tues	<a href="#">16</a>	90.60	77.73	84.40	11.93	83.50	51.56	70.02	0.00	24	15.12
Wed	<a href="#">17</a>	88.30	73.36	81.90	9.26	96.60	56.72	72.58	0.00	24	15.12
Thurs	<a href="#">18</a>	83.50	68.12	77.31	6.54	99.70	0.20	62.28	1.49	23.71	15.12
Fri	<a href="#">19</a>	82.70	66.61	73.54	12.08	99.70	-0.44	41.39	0.00	24	15.12
Sat	<a href="#">20</a>	81.10	67.04	73.17	5.72	99.80	0.24	53.3	0.01	24	15.12
Sun	<a href="#">21</a>	84.00	69.68	75.64	9.35	99.80	0.14	48.12	0.00	24	15.12
Mon	<a href="#">22</a>	78.00	68.97	72.65	3.51	99.70	0.17	31.9	0.07	24	15.12
Tues	<a href="#">23</a>	85.10	70.41	76.73	9.67	99.80	0.24	63.48	0.19	23.98	15.12
Wed	<a href="#">24</a>	83.50	70.41	75.74	6.30	99.70	0.17	39.19	0.14	24	15.12
Thurs	<a href="#">25</a>	79.60	70.83	75.04	4.18	99.80	0.20	31.83	0.09	24	15.12
Fri	<a href="#">26</a>	80.70	66.01	72.32	10.28	99.70	0.14	41.95	0.01	22.11	15.12
Sat	<a href="#">27</a>	83.60	60.69	72.31	9.87	99.80	0.17	44.78	0.00	24	15.12
Sun	<a href="#">28</a>	85.10	58.69	72.43	11.63	99.80	0.07	39.59	0.00	24	15.12
Mon	<a href="#">29</a>	84.60	67.03	76	10.00	84.60	53.97	71.48	0.00	24	15.12
Tues	<a href="#">30</a>	82.90	72.83	76.85	7.42	83.10	57.14	72.97	0.00	24	15.12
Wed	<a href="#">31</a>	87.00	70.84	78.52	9.660	99.80	0.41	67.92	0.00	24	15.12
<b>Avg</b>		<b>85.25</b>	<b>69.00</b>	<b>76.76</b>					<b>5.38</b>		
<b>Sum</b>											
<b>10 Yr Avg</b>		<b>85.93</b>	<b>68.52</b>	<b>76.89</b>					<b>5.58</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