

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

<b>December 2022</b>													
		Air Temp			Total Solar	Relative Humidity			Total	Leaf	Daily Wind	Soil Temp	
Day	Date	F°			RAD	%			Rain	Wetness	Run	2" Depth	
		Max	Min	Avg	MJ m-2	Max	Min	Avg	Inches	Hour	Miles	Max	Min
Thurs	<a href="#">1</a>	43.78	25.31	36.84	5.069	87.30	31.97	48.66	0.00	24	15.12	86.20	58.97
Fri	<a href="#">2</a>	49.67	21.37	35.62	4.818	100.00	27.07	67.16	0.00	24	15.12	93.60	55.00
Sat	<a href="#">3</a>	58.07	42.64	54.31	0.585	99.90	56.89	85.10	0.52	24	23.06	114.70	73.03
Sun	<a href="#">4</a>	48.24	25.85	37.56	4.865	99.90	35.92	65.03	0.00	24	29.77	97.60	59.86
Mon	<a href="#">5</a>	49.49	22.40	34.66	4.475	100.00	31.03	80.70	0.00	24	16.67	95.40	56.07
Tues	<a href="#">6</a>	59.93	35.73	52.63	0.711	100.00	0.03	93.20	0.22	24	17.59	116.40	68.06
Wed	<a href="#">7</a>	60.42	56.78	59.03	0.766	99.90	-0.24	46.21	0.08	24	20.73	134.10	116.00
Thurs	<a href="#">8</a>	57.56	45.47	51.05	2.848	99.80	-0.57	52.79	0.00	24	16.7	126.00	89.50
Fri	<a href="#">9</a>	46.51	28.70	39.90	4.759	91.20	47.18	66.19	0.00	24	15.12	105.40	64.96
Sat	<a href="#">10</a>	48.53	26.70	36.78	4.236	99.90	54.21	75.50	0.00	24	15.12	102.60	60.38
Sun	<a href="#">11</a>	49.21	38.08	43.53	1.356	99.90	77.89	90.50	0.00	24	15.12	103.30	76.64
Mon	<a href="#">12</a>	42.19	33.72	37.98	1.990	99.90	55.79	75.68	0.00	22.05	15.12	85.90	69.07
Tues	<a href="#">13</a>	40.40	22.40	32.30	4.800	88.20	40.85	65.62	0.00	24	15.12	90.00	57.97
Wed	<a href="#">14</a>	40.06	20.10	29.29	3.779	94.30	37.28	68.47	0.00	24	15.12	80.40	54.74
Thurs	<a href="#">15</a>	53.77	31.67	41.99	0.313	99.90	-0.34	72.70	2.42	22.06	15.12	106.00	63.87
Fri	<a href="#">16</a>	53.95	38.75	45.34	3.740	99.90	-0.14	42.42	0.00	23.04	15.12	105.50	72.53
Sat	<a href="#">17</a>	45.93	28.46	37.41	4.276	94.80	33.96	66.91	0.00	24	15.12	92.40	60.10
Sun	<a href="#">18</a>	41.86	29.01	34.51	3.188	88.70	34.14	63.63	0.00	24	15.12	82.00	59.42
Mon	<a href="#">19</a>	39.43	25.79	31.73	4.758	72.79	39.23	55.76	0.00	24	15.12	75.65	55.27
Tues	<a href="#">20</a>	38.88	23.86	30.19	4.547	83.80	41.39	64.36	0.00	24	15.12	73.78	53.24
Wed	<a href="#">21</a>	42.27	21.37	30.43	4.597	99.90	43.04	72.57	0.00	24	15.12	79.32	53.21
Thurs	<a href="#">22</a>	57.76	27.56	43.76	0.537	100.00	-0.51	78.16	1.09	24	15.12	105.90	56.92
Fri	<a href="#">23</a>	58.73	15.66	36.98	1.574	99.90	0.10	66.51	0.08	23.86	15.12	108.70	52.49
Sat	<a href="#">24</a>	20.29	11.17	15.34	4.626	61.72	36.81	46.34	0.00	24	15.12	61.41	51.52
Sun	<a href="#">25</a>	31.21	10.88	21.14	4.803	82.00	31.05	61.10	0.00	24	15.12	65.80	48.75
Mon	<a href="#">26</a>	32.30	12.27	23.11	4.139	85.20	37.09	63.09	0.00	24	15.12	71.90	52.90
Tues	<a href="#">27</a>	42.53	22.27	30.33	4.506	84.30	24.75	60.65	0.00	24	15.12	80.30	58.49
Wed	<a href="#">28</a>	47.92	20.03	32.02	4.575	99.90	48.51	75.00	0.00	24	15.12	91.70	62.62
Thurs	<a href="#">29</a>	53.44	27.44	38.75	4.763	86.50	35.44	63.58	0.00	24	15.12	97.10	62.62
Fri	<a href="#">30</a>	63.46	28.65	45.90	4.587	100.00	52.53	76.23	0.00	24	15.12	360.90	63.75
Sat	<a href="#">31</a>	58.17	50.19	55.15	0.842	99.90	-0.47	5.23	0.76	23.43	15.12	178.50	100.50
<b>Avg</b>		47.61	28.07	37.92									
<b>Sum</b>									5.17				
<b>10 Yr Avg</b>		<b>52.62</b>	<b>31.95</b>	<b>41.87</b>					<b>3.79</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