

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

October 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
Sat	1	71.56	61.27	65.75	3.263	99.80	-0.34	81.10	0.96	23.48	79.35	-7999	-7999
Sun	2	63.06	48.85	58.65	3.782	99.90	-0.34	75.58	0.23	23.19	106.5	209	109
Mon	3	49.15	45.34	47.3	1.274	99.90	85.00	93.60	0.15	22.12	167.50	109	94
Tues	4	50.30	44.62	47.49	1.703	99.90	83.90	94.40	0.14	22.87	123.3	104	91
Wed	5	59.78	49.64	55.04	2.578	99.90	83.10	96.80	0.22	23.39	65.08	141	100
Thurs	6	74.01	49.82	60	8.310	99.90	31.18	76.78	0.00	23.61	35.88	-7999	-7999
Fri	7	76.62	48.44	61.45	8.170	99.90	-0.30	67.05	0.00	20.86	28.72	-7999	-7999
Sat	8	62.08	40.28	53.43	7.767	94.10	35.22	57.26	0.00	24	74.2	170	86
Sun	9	60.86	34.90	47.57	8.390	100.00	30.30	73.57	0.00	19.74	59.15	156	76
Mon	10	65.77	38.95	50.96	7.789	100.00	32.57	75.97	0.00	20.49	35.94	229	78
Tues	11	71.71	39.74	53.71	7.967	99.90	26.98	72.97	0.00	21.09	28.54	-7999	-7999
Wed	12	70.96	40.76	56.60	7.236	99.90	-0.14	74.32	0.00	21.26	51.42	1369	-460
Thurs	13	68.75	59.63	64.16	1.989	99.90	0.24	85.80	0.00	24	15.13	180	122
Fri	14	69.16	44.76	57.06	6.469	99.90	24.04	68.54	0.21	23.75	15.12	824	-460
Sat	15	72.10	40.70	56.36	7.682	100.00	-0.03	69.45	0.01	16.39	15.12	251	85
Sun	16	72.25	48.19	59.04	5.858	99.90	0.07	68.14	0.09	24	15.12	807	-460
Mon	17	64.39	52.00	59.36	2.119	99.90	0.20	88.30	0.29	23.89	15.12	152	110
Tues	18	54.72	36.28	48.12	6.570	85.30	29.32	54.75	0.00	24	36.88	127	81
Wed	19	54.82	31.03	43.17	7.456	100.00	32.06	68.57	0.00	24	77.73	119	71
Thurs	20	59.66	33.01	47.53	7.527	99.90	31.82	65.96	0.00	24	28.6	131	71
Fri	21	66.04	36.70	50.88	7.339	100.00	23.00	67.92	0.00	24	20.83	210	75
Sat	22	67.21	35.99	50.95	6.521	99.90	31.40	74.70	0.00	22.35	33.4	194	75
Sun	23	61.55	47.95	55.22	1.133	99.90	-0.41	71.44	0.69	22.8	44.82	129	95
Mon	24	58.99	52.43	55.79	2.044	99.90	-0.57	16.78	0.06	24	36.09	144	110
Tues	25	61.30	55.51	58.49	1.726	99.90	-0.34	31.26	0.01	24	16.18	159	120
Wed	26	64.31	55.35	59.62	2.400	99.80	-0.71	28.15	0.02	21.98	40.69	210	120
Thurs	27	64.52	45.84	55.81	6.844	99.90	0.20	68.16	0.00	21.24	48.11	246	96
Fri	28	61.24	44.99	52.36	3.885	80.30	55.16	69.25	0.00	24	36.16	141	90
Sat	29	60.73	41.66	50.4	5.790	99.90	48.07	75.11	0.00	24	35.5	172	90
Sun	30	61.34	44.51	52.65	2.257	99.90	59.13	82.80	0.00	24	17.72	160	92
Mon	31	68.29	43.11	56.08	4.597	99.90	-0.10	65.94	0.01	24	39.43	-7999	-7999
Avg		64.10	44.91	54.55									
Sum									3.09				
10 Yr Avg		69.14	50.28	59.49					5.49				

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