

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

July 2022													
		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
Mon	1	87.40	69.60	77.92	12.640	99.80	40.94	74.35	0.00	24	105.5	-7999.00	-7999.00
Tues	2	86.30	74.01	79.18	11.030	85.10	52.17	69.46	0.00	24	154	-7999.00	-7999.00
Wed	3	83.30	67.25	77.35	8.550	99.80	49.33	74.08	0.00	24	39.24	-7999.00	-7999.00
Thurs	4	86.50	63.13	74.18	13.460	99.90	25.64	59.84	0.00	24	40.44	-7999.00	-7999.00
Fri	5	86.20	64.65	73.25	8.360	99.80	36.90	79.42	0.76	23.76	74.74	-7999.00	-7999.00
Sat	6	88.10	71.54	79.06	9.770	99.90	48.45	78.40	0.00	24	46.29	-7999.00	-7999.00
Sun	7	77.03	68.93	73.76	3.397	99.80	74.59	85.60	0.03	24	22.04	160.20	119.30
Mon	8	82.90	65.49	74.01	11.650	99.80	52.90	77.82	0.00	24	36.94	-7999.00	-7999.00
Tues	9	72.68	64.57	69.28	2.150	99.90	73.80	94.90	0.16	24	25.53	135.10	108.30
Wed	10	76.74	61.39	69.04	7.289	99.80	44.73	77.96	0.00	24	56.73	174.50	98.80
Thurs	11	82.20	56.18	69.59	13.610	99.90	32.85	72.88	0.00	19.62	34.92	-7999.00	-7999.00
Fri	12	85.80	63.92	75.05	12.540	99.80	55.40	79.91	1.27	23.6	110	-7999.00	-7999.00
Sat	13	88.10	68.08	77.40	11.700	99.90	35.98	75.03	0.00	24	36.56	-7999.00	-7999.00
Sun	14	86.90	70.99	78.51	11.620	99.80	32.68	70.64	0.00	24	44.16	-7999.00	-7999.00
Mon	15	82.40	65.85	73.77	10.110	99.80	49.21	80.10	0.89	23.69	36.17	-7999.00	-7999.00
Tues	16	85.30	67.61	74.30	9.910	100.00	49.70	84.00	0.57	23.8	32.85	-7999.00	-7999.00
Wed	17	85.80	68.08	76.58	10.260	99.90	53.14	79.88	0.01	24	40.16	-7999.00	-7999.00
Thurs	18	87.00	70.96	79.49	11.790	99.80	49.12	77.74	0.19	23.84	99.90	-7999.00	-7999.00
Fri	19	85.70	71.42	78.35	10.820	99.90	39.02	75.05	0.06	23.96	26.37	-7999.00	-7999.00
Sat	20	89.00	68.75	79.73	12.430	99.90	41.41	72.93	0.00	24	34.41	-7999.00	-7999.00
Sun	21	88.30	71.42	78.87	9.330	99.80	62.94	82.40	0.68	23.89	82.1	-7999.00	-7999.00
Mon	22	88.70	71.48	79.48	11.840	99.90	39.31	74.95	0.00	24	41.03	-7999.00	-7999.00
Tues	23	90.60	72.21	81.4	12.320	99.80	43.22	72.29	0.00	24	35.8	-7999.00	-7999.00
Wed	24	90.90	73.48	81.9	12.150	99.80	49.35	76.27	0.00	24	57.10	-7999.00	-7999.00
Thurs	25	87.50	70.50	79.63	9.040	99.80	62.27	79.50	2.02	23.25	144.3	-7999.00	-7999.00
Fri	26	80.60	70.57	74.44	3.799	99.90	74.50	94.40	0.86	23.82	33.59	-7999.00	-7999.00
Sat	27	85.00	71.05	76.82	7.945	99.80	59.99	85.90	0.34	23.73	28.9	-7999.00	-7999.00
Sun	28	87.80	73.59	78.83	9.660	99.90	52.08	83.90	0.36	23.74	42.23	-7999.00	-7999.00
Mon	29	86.80	68.64	77.18	8.290	99.80	44.41	83.70	0.01	24	25.55	-7999.00	-7999.00
Tues	30	84.80	66.95	76.04	12.090	99.80	31.27	69.74	0.00	24	35.39	-7999.00	-7999.00
Wed	31	85.30	63.92	74.67	9.550	99.80	38.85	72.41	0.00	24	29.24	-7999.00	-7999.00
Avg		85.21	68.26	76.42									
Sum									8.21				
10 Yr Avg		86.37	68.79	77.23					5.71				

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