

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

August 2023

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
Tues	1	78.14	61.22	70.34	9.95	99.80	-0.64	51.24	0.00	24	15.12	-7999	-7999
Wed	2	81.00	55.59	68.38	11.59	99.80	-0.64	35.38	0.00	24	15.12	-7999	-7999
Thurs	3	78.69	63.41	69.77	6.82	99.80	-0.37	62.58	0.06	24	15.12	-7999	-7999
Fri	4	72.90	65.02	68.43	4.05	99.70	-0.64	29.72	0.02	24	15.12	-7999	-7999
Sat	5	81.40	65.13	72.1	8.56	99.80	-0.74	36.33	0.01	24	15.12	-7999	-7999
Sun	6	85.00	63.58	74.11	8.95	99.70	-0.57	39.92	0.00	24	15.12	-7999	-7999
Mon	7	86.10	67.12	76.13	8.66	99.70	0.41	69.33	3.15	22.86	15.12	-7999	-7999
Tues	8	80.90	69.86	76.08	10.77	80.70	38.40	56.08	0.00	24	15.12	-7999	-7999
Wed	9	83.40	64.37	74.46	10.92	87.30	38.16	65.38	0.00	24	15.12	-7999	-7999
Thurs	10	81.60	68.22	73.23	4.65	99.80	-0.41	66.00	0.25	23.96	15.12	-7999	-7999
Fri	11	83.50	65.20	74.68	10.37	99.90	-0.24	50.37	0.00	24	15.12	-7999	-7999
Sat	12	86.50	67.99	77.08	10.90	99.80	-0.27	50.15	0.00	24	15.12	-7999	-7999
Sun	13	88.80	72.94	80.10	10.85	99.80	47.36	72.83	0.00	24	15.12	-7999	-7999
Mon	14	87.20	70.69	78.31	8.48	99.90	-0.57	43.81	0.28	23.95	15.12	-7999	-7999
Tues	15	89.40	73.00	79.32	9.07	99.80	-0.74	54.11	0.22	23.92	15.12	-7999	-7999
Wed	16	86.40	68.11	76.38	11.33	99.80	-0.64	53.73	0.00	24	15.12	-7999	-7999
Thurs	17	85.50	65.87	75.61	8.50	99.80	-0.51	42.04	0.00	24	15.12	-7999	-7999
Fri	18	81.90	66.06	76.68	10.22	99.80	-0.10	66.43	0.00	24	15.12	-7999	-7999
Sat	19	78.99	59.30	69.27	11.56	88.70	29.73	58.38	0.00	24	15.12	-7999	-7999
Sun	20	84.70	58.39	72.33	10.98	99.90	-0.27	57.26	0.00	24	15.12	-7999	-7999
Mon	21	88.00	67.81	77.09	8.67	99.80	-0.14	56.43	0.00	24	15.12	-7999	-7999
Tues	22	78.08	60.13	71.26	7.71	99.90	-0.30	51.22	0.00	24	15.12	-7999	-7999
Wed	23	80.00	55.65	68	9.54	99.90	-0.44	44.87	0.00	24	15.12	-7999	-7999
Thurs	24	77.59	65.94	70.95	4.52	85.20	46.74	70.37	0.01	24	15.12	-7999	-7999
Fri	25	87.20	69.37	76.54	8.31	87.20	51.67	73.90	0.00	24	15.12	-7999	-7999
Sat	26	88.60	71.36	77.69	7.86	99.80	-0.37	55.53	0.01	24	15.12	-7999	-7999
Sun	27	84.90	67.07	74.62	6.77	99.70	-0.17	45.39	0.00	24	15.12	-7999	-7999
Mon	28	76.78	69.74	72.32	2.99	99.70	-0.61	70.54	0.07	24	15.12	-7999	-7999
Tues	29	81.00	69.31	73.54	4.20	99.80	-0.44	26.29	0.11	23.94	15.12	-7999	-7999
Wed	30	83.40	70.04	76.1	7.15	99.70	-0.37	41.94	0.00	24	15.12	-7999	-7999
Thurs	31	72.59	55.23	66.41	5.753	99.90	-0.24	65.28	0.00	24	15.12	-7999.00	-7999.00
Avg		82.59	65.57	73.78									
Sum									4.19				
10 Yr Avg		84.22	66.39	74.67					5.29				

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