

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

July 2023													
		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
Sat	1	83.00	65.75	73.42	9.88	99.80	0.20	69.88	0.13	24	15.12	-7999	-7999
Sun	2	86.20	71.24	78.75	10.17	99.80	-0.34	64.64	0.03	23.99	15.12	-7999	-7999
Mon	3	90.30	71.05	80.8	10.66	90.30	36.52	69.88	0.03	24	15.12	-7999	-7999
Tues	4	88.50	71.60	79.77	10.79	87.30	43.13	68.18	0.00	24	15.12	-7999	-7999
Wed	5	90.10	69.86	78.17	10.09	99.80	-0.27	57.71	1.69	23.54	15.12	-7999	-7999
Thurs	6	89.00	69.85	76.4	9.33	99.80	-0.37	44.25	0.24	23.91	15.12	-7999	-7999
Fri	7	87.40	69.97	75.24	9.19	99.80	-0.51	24.81	1.23	23.34	15.12	-7999	-7999
Sat	8	86.80	69.19	76.03	7.82	99.80	-0.41	43.06	0.00	24	15.12	-7999	-7999
Sun	9	83.60	68.46	75.06	6.72	99.80	-0.71	41.02	0.03	24	15.12	-7999	-7999
Mon	10	82.10	66.52	73.63	9.90	99.90	-0.47	58.11	0.00	24	15.12	-7999	-7999
Tues	11	86.40	66.48	76.04	12.78	99.90	-0.74	41.19	0.00	24	15.12	-7999	-7999
Wed	12	87.80	65.15	77.23	11.89	99.80	-0.30	47.16	0.00	24	15.12	-7999	-7999
Thurs	13	89.10	70.59	80.20	12.14	99.80	-0.41	64.98	0.00	24	15.12	-7999	-7999
Fri	14	85.60	74.33	79.31	8.87	87.60	52.91	71.84	0.00	24	15.12	-7999	-7999
Sat	15	88.80	71.96	79.25	10.08	99.70	-0.10	58.73	0.00	24	15.12	-7999	-7999
Sun	16	78.48	70.39	74.55	3.20	99.90	-0.71	26.70	1.53	23.64	15.12	-7999	-7999
Mon	17	89.00	68.34	78.00	11.15	99.70	-0.54	42.30	0.00	21.1	15.12	-7999	-7999
Tues	18	86.30	70.77	78.12	10.68	99.70	-0.81	41.42	0.00	24	15.12	-7999	-7999
Wed	19	78.06	68.50	72.74	4.02	99.80	-0.64	62.30	0.44	23.84	15.12	-7999	-7999
Thurs	20	86.00	67.37	75.46	8.92	99.70	-0.57	41.53	0.00	22.91	15.12	-7999	-7999
Fri	21	83.50	67.47	75.36	9.08	99.80	-0.41	44.59	1.11	23.54	15.12	-7999	-7999
Sat	22	80.10	65.32	72.28	8.20	99.80	-0.34	57.31	0.00	24	15.12	-7999	-7999
Sun	23	85.80	60.80	73.41	12.01	99.70	-0.44	35.52	0.00	23.17	15.12	-7999	-7999
Mon	24	81.00	67.26	73.9	9.84	88.10	48.57	74.59	0.00	24	15.12	-7999	-7999
Tues	25	86.00	65.08	73.05	9.11	99.80	-0.61	49.13	0.05	23.93	15.12	-7999	-7999
Wed	26	85.80	63.94	75.2	10.60	99.80	-0.64	45.03	0.00	24	15.12	-7999	-7999
Thurs	27	89.80	73.42	82.3	11.75	99.80	0.10	56.03	0.00	24	15.12	-7999	-7999
Fri	28	90.00	76.43	83.8	11.39	79.57	55.12	68.24	0.00	24	15.12	-7999	-7999
Sat	29	90.20	71.28	80.1	11.04	99.80	54.30	72.69	0.13	23.84	15.12	-7999	-7999
Sun	30	81.00	65.40	73.09	12.15	86.20	37.55	64.68	0.00	24	15.12	-7999	-7999
Mon	31	80.70	61.46	71.19	8.540	99.80	-0.61	65.45	0.54	23.75	15.12	-7999.00	-7999.00
Avg		85.69	68.56	76.51									
Sum									7.18				
10 Yr Avg		86.06	68.71	77.02					5.91				

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