

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

September 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
Fri	1	75.95	53.89	64.61	10.77	99.90	-0.30	58.54	0.00	24	15.12	-7999	-7999
Sat	2	79.94	49.24	64.76	10.57	99.80	-0.64	41.40	0.00	24	15.12	-7999	-7999
Sun	3	88.30	58.93	73.53	9.97	99.80	-0.14	50.32	0.00	24	15.12	-7999	-7999
Mon	4	89.20	64.97	76.65	6.90	99.80	-0.37	48.07	0.00	24	15.12	-7999	-7999
Tues	5	90.20	67.45	78.35	8.83	99.80	-0.41	43.22	0.00	24	15.12	-7999	-7999
Wed	6	92.10	66.90	79.31	8.75	99.80	-0.24	47.36	0.00	24	15.12	-7999	-7999
Thurs	7	93.30	67.87	80.5	8.18	99.70	-0.61	45.88	0.00	24	15.12	-7999	-7999
Fri	8	91.10	72.15	79.59	7.86	99.80	-0.17	67.08	0.01	24	15.12	-7999	-7999
Sat	9	86.40	70.77	76.09	6.60	99.90	-0.24	52.99	0.02	24	15.12	-7999	-7999
Sun	10	83.30	69.00	73.53	5.89	99.80	-0.54	47.76	0.34	23.83	15.12	-7999	-7999
Mon	11	84.30	67.14	74.03	6.89	99.80	-0.54	34.31	0.00	24	15.12	-7999	-7999
Tues	12	87.30	62.26	74.84	9.16	99.70	-0.64	38.40	0.00	24	15.12	-7999	-7999
Wed	13	81.90	63.65	72.83	8.19	99.90	-0.17	50.65	1.26	23.68	15.12	-7999	-7999
Thurs	14	77.84	61.71	68.73	8.84	99.90	-0.27	53.68	0.00	24	15.12	-7999	-7999
Fri	15	72.44	53.77	62.53	9.69	81.70	38.97	61.47	0.00	24	15.12	-7999	-7999
Sat	16	76.20	51.49	63.00	9.68	99.80	-0.07	63.35	0.00	24	15.12	-7999	-7999
Sun	17	79.23	52.28	66.27	6.33	99.80	-0.30	40.29	0.00	24	15.12	-7999	-7999
Mon	18	72.23	57.29	64.71	3.41	99.90	-0.64	39.40	0.93	23.1	15.12	-7999	-7999
Tues	19	73.93	52.57	62.91	9.20	99.90	-0.47	54.11	0.00	24	15.12	-7999	-7999
Wed	20	77.78	51.06	64.25	8.52	99.80	-0.91	35.76	0.00	22.88	15.12	-7999	-7999
Thurs	21	77.96	53.23	64.68	7.56	99.90	-0.30	39.01	0.00	24	15.12	-7999	-7999
Fri	22	71.18	56.14	63.1	3.74	99.80	-0.03	72.10	0.00	24	15.12	-7999	-7999
Sat	23	70.15	60.86	65.97	1.49	99.80	-0.64	5.25	2.57	22.34	15.12	-7999	-7999
Sun	24	68.93	64.11	65.76	2.25	99.90	-0.27	78.63	0.00	24	15.12	-7999	-7999
Mon	25	65.97	59.34	63.12	2.07	99.80	-0.17	56.85	0.00	24	15.12	-7999	-7999
Tues	26	61.83	56.86	59.56	1.34	99.90	-0.44	11.51	0.11	23.92	15.12	-7999	-7999
Wed	27	67.47	54.44	59.92	7.02	99.90	-0.47	69.94	0.00	24	15.12	-7999	-7999
Thurs	28	65.90	53.65	60.48	1.91	99.80	-0.54	66.34	0.00	24	15.12	-7999	-7999
Fri	29	65.48	60.19	62.13	2.27	99.80	-0.64	13.72	0.07	23.61	15.12	-7999	-7999
Sat	30	64.64	55.23	60.97	2.13	99.80	-0.47	42.12	0.02	23.83	15.12	-7999	-7999
Avg		77.75	59.61	68.22					5.33				
Sum													
10 Yr Avg		78.68	60.19	68.98					4.30				

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