

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

April 2024

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
Mon	1	53.77	45.84	49.71	2.04	99.80	0.000	65.98	0.05	24	15.12	-7999	-7999
Tues	2	52.01	45.35	47.79	1.59	99.80	0.00	14.83	0.27	23.8	15.12	-7999	-7999
Wed	3	62.97	44.50	51.47	1.62	99.80	0.20	7.513	0.28	23.53	15.12	-7999	-7999
Thurs	4	55.94	38.34	45.97	7.46	99.90	0.24	55.62	0.01	22.49	15.12	-7999	-7999
Fri	5	53.77	39.44	45.92	5.45	84.50	38.62	55.1	0.00	24	15.12	-7999	-7999
Sat	6	52.86	37.80	45.18	5.93	65.54	35.04	51.99	0.00	24	15.12	-7999	-7999
Sun	7	58.81	39.38	48.61	8.37	78.05	27.96	50.47	0.00	24	15.12	-7999	-7999
Mon	8	64.74	33.51	51.28	9.07	99.90	0.03	37.81	0.00	24	15.12	-7999	-7999
Tues	9	73.61	46.47	60.74	8.31	85.50	36.68	62.4	0.00	24	15.12	-7999	-7999
Wed	10	73.51	57.78	64.7	8.46	80.90	42.39	65.83	0.00	24	15.12	-7999	-7999
Thurs	11	69.17	59.10	64.17	3.81	84.70	62.27	76.07	0.01	24	15.12	-7999	-7999
Fri	12	67.47	56.35	61.82	6.35	99.80	30.49	65.62	0.25	23.99	15.12	-7999	-7999
Sat	13	64.27	46.38	57.62	9.42	63.46	22.40	38.43	0.00	24	15.12	-7999	-7999
Sun	14	71.93	39.38	59.66	10.47	87.20	17.57	43.71	0.00	24	15.12	-7999	-7999
Mon	15	84.10	56.44	69.38	9.27	75.21	20.50	46.88	0.03	24	15.12	-7999	-7999
Tues	16	72.47	50.94	61.90	10.88	83.40	19.39	44.15	0.00	24	15.12	-7999	-7999
Wed	17	73.63	48.82	62.07	5.62	80.90	50.66	65.17	0.00	24	15.12	-7999	-7999
Thurs	18	70.96	47.29	60.83	9.19	99.80	0.17	60.08	0.00	24	15.12	-7999	-7999
Fri	19	60.45	46.14	50.83	4.57	87.50	58.27	78.37	0.01	24	15.12	-7999	-7999
Sat	20	67.28	48.81	56.53	7.38	99.80	36.76	72.33	0.00	24	15.12	-7999	-7999
Sun	21	54.95	38.47	46.97	2.61	95.90	36.54	62.55	0.10	24	15.12	-7999	-7999
Mon	22	58.99	35.39	47.24	11.25	99.90	18.25	49.83	0.00	24	15.12	-7999	-7999
Tues	23	65.47	35.69	51.37	11.38	84.10	15.01	50	0.00	24	15.12	-7999	-7999
Wed	24	70.14	49.97	59.78	6.27	88.50	28.61	56.38	0.00	24	15.12	-7999	-7999
Thurs	25	55.87	40.65	50.47	9.98	99.80	25.36	64.58	0.02	24	15.12	-7999	-7999
Fri	26	59.55	35.38	47.75	11.82	99.90	-0.03	50.10	0.00	24	15.12	-7999	-7999
Sat	27	57.27	44.53	51.57	2.94	82.60	42.02	62.83	0.00	24	15.12	-7999	-7999
Sun	28	79.17	50.39	64.8	9.85	82.40	42.71	67.28	0.00	24	15.12	-7999	-7999
Mon	29	83.80	59.60	72.14	11.12	86.40	36.91	62.35	0.00	24	15.12	-7999	-7999.00
Tues	30	81.50	62.62	71.85	10.01	76.02	32.97	55.29	0.00	24	15.12	-7999	-7999
Avg		65.68	46.03	56.00									
Sum									1.03				
10 Yr Avg		65.58	44.68	54.99					3.88				

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