

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

December 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
Fri	1	58.51	33.27	46.2	2.30	99.90	0.10	66.68	0.16	23.89	15.12	-7999	-7999
Sat	2	56.91	48.08	53.78	0.88	0.95	0.03	0.40	0.01	24	15.12	-7999	-7999
Sun	3	61.86	50.30	55.37	1.04	0.84	0.03	0.41	0.68	23.99	15.12	-7999	-7999
Mon	4	55.00	34.76	46.92	3.84	99.90	0.03	49.78	0.00	23.95	15.12	-7999	-7999
Tues	5	50.18	29.20	39.12	3.69	99.90	-0.03	39.65	0.00	23.11	15.12	-7999	-7999
Wed	6	43.63	29.99	37.43	2.87	86.70	51.72	73.14	0.00	24	15.12	-7999	-7999
Thurs	7	45.09	24.84	36.27	2.53	95.90	40.08	66.38	0.00	24	15.12	-7999	-7999
Fri	8	55.72	29.20	41.99	4.07	99.90	0.20	58.58	0.00	24	15.12	-7999	-7999
Sat	9	59.85	37.14	47.94	3.89	99.90	0.20	44.37	0.00	18.94	15.12	-7999	-7999
Sun	10	65.55	48.34	60.85	0.82	99.80	0.34	60.35	1.41	23.66	15.12	-7999	-7999
Mon	11	48.34	32.75	39.64	3.15	99.90	0.17	64.99	0.85	21.48	15.12	-7999	-7999
Tues	12	44.23	24.41	33.86	4.59	100.00	38.66	72.14	0.00	24	15.12	-7999	-7999
Wed	13	51.68	26.77	36.24	3.87	99.90	-0.07	38.72	0.00	24	15.12	-7999	-7999
Thurs	14	42.65	22.36	32.19	4.24	85.90	29.03	59.46	0.00	24	15.12	215	81
Fri	15	56.45	24.54	37.72	4.41	99.90	27.30	66.14	0.00	24	15.12	-7999	-7999
Sat	16	57.24	28.41	40.67	4.13	99.90	0.17	66.00	0.00	24	15.12	-7999	-7999
Sun	17	59.95	37.50	51.36	1.07	99.90	0.00	34.04	1.48	24	15.12	-7999	-7999
Mon	18	61.53	41.67	51.8	3.24	99.80	0.07	37.90	3.15	22.04	15.12	-7999	-7999
Tues	19	41.97	30.42	37.57	2.17	62.21	41.89	49.19	0.00	24	15.12	172	93
Wed	20	42.65	26.17	32.59	4.39	83.00	34.40	58.02	0.00	24	15.12	211	85
Thurs	21	44.71	25.68	35.03	4.05	88.60	45.95	68.90	0.00	24	15.12	266	84
Fri	22	49.36	32.16	39.36	4.10	99.90	41.24	70.58	0.00	24	15.12	-7999	-7999
Sat	23	48.97	29.63	40.14	2.85	99.90	0.07	63.94	0.00	24	15.12	1284	-460
Sun	24	55.58	32.10	43.62	3.00	99.90	0.03	47.83	0.00	24	15.12	-7999	-7999
Mon	25	58.38	38.34	47.21	3.72	99.90	0.03	49.61	0.00	24	15.12	-7999	-7999
Tues	26	55.87	44.80	47.71	2.48	99.90	-0.20	52.35	0.00	24	15.12	-7999	-7999
Wed	27	61.57	45.05	52.86	1.39	99.80	0.03	22.06	0.23	24	15.12	-7999	-7999
Thurs	28	56.56	45.17	50.14	0.87	99.90	-0.07	23.69	0.26	22.52	15.12	-7999	-7999
Fri	29	55.83	39.36	46.34	4.34	99.80	-0.03	37.37	0.05	19.85	15.12	-7999	-7999.00
Sat	30	47.21	36.16	41.37	3.14	93.80	42.20	65.32	0.04	23.86	15.12	-7999	-7999
Sun	31	47.31	27.44	37.94	4.571	99.90	0.00	62.67	0.00	24	15.12	-7999.00	-7999.00
Avg		52.91	34.06	43.27									
Sum									8.32				
10 Yr Avg		50.27	33.37	41.24					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