

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

January 2024													
		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
Mon	1	46.90	35.32	40.32	2.64	99.90	57.33	75.72	0.00	24	15.12	-7999	-7999
Tues	2	40.90	25.62	35.69	2.50	92.80	46.19	70.87	0.00	24	15.12	173	85
Wed	3	46.04	23.87	34.29	4.20	99.90	0.17	70.76	0.00	24	15.12	783	-460
Thurs	4	43.34	30.42	36.62	2.25	91.00	43.39	68.53	0.00	24	15.12	185	90
Fri	5	38.46	22.67	29.83	4.71	79.95	35.89	58.5	0.00	24	15.12	141	76
Sat	6	50.50	24.88	38.4	0.51	99.90	0.03	49.19	1.01	24	15.12	1255	-460
Sun	7	48.18	33.66	39.87	3.96	99.90	0.00	45.78	0.00	24	15.12	-7999	-7999
Mon	8	48.10	28.59	38.46	4.50	99.90	39.05	64.54	0.00	24	15.12	-7999	-7999
Tues	9	59.10	27.50	45.44	0.39	99.90	0.03	76.2	2.06	23.66	15.12	-7999	-7999
Wed	10	59.34	39.85	48.9	4.57	99.80	0.44	54.72	0.02	24	15.12	-7999	-7999
Thurs	11	47.02	27.56	37.76	4.84	99.90	0.17	62.03	0.00	24	15.12	-7999	-7999
Fri	12	56.20	26.23	40.64	3.90	99.90	-0.03	52.15	0.26	24	15.12	-7999	-7999
Sat	13	61.83	37.92	52.01	4.71	99.80	0.30	61.88	0.44	24	15.12	-7999	-7999
Sun	14	50.79	28.04	37.14	4.85	70.63	23.93	45.94	0.00	24	15.12	-7999	-7999
Mon	15	31.96	27.42	28.73	1.20	99.90	0.00	55.86	0.00	24	15.12	103	86
Tues	16	34.21	21.37	29.95	0.56	99.90	-0.07	23.96	0.34	22.55	15.12	109	78
Wed	17	28.25	16.03	22.57	5.19	65.61	31.61	50.39	0.00	24	15.12	-7999	-7999
Thurs	18	40.37	18.16	30.54	3.73	82.10	23.64	51.76	0.00	24	15.12	-7999	-7999
Fri	19	35.26	25.79	31.13	0.75	99.90	-0.03	46.64	0.23	20.28	15.12	152	105
Sat	20	25.97	19.32	22.4	3.07	87.70	41.06	60.81	0.00	23.95	15.12	-7999	-7999
Sun	21	30.91	19.92	24.6	5.31	66.46	42.33	52.29	0.01	24	15.12	-7999	-7999
Mon	22	36.41	14.34	26.54	5.36	87.10	38.78	61.35	0.00	24	15.12	-7999	-7999
Tues	23	48.36	24.05	35.52	3.52	82.60	29.71	57.62	0.00	24	15.12	-7999	-7999
Wed	24	61.80	33.79	49.39	2.56	99.90	0.03	58.81	0.02	24	15.12	-7999	-7999
Thurs	25	63.92	58.85	61.09	1.32	99.80	0.10	48.72	0.02	24	15.12	-7999	-7999
Fri	26	70.47	52.55	64.08	3.55	99.90	0.00	50.64	0.00	24	15.12	-7999	-7999
Sat	27	58.87	41.73	48.66	4.40	99.80	-0.07	37.59	0.07	24	15.12	-7999	-7999
Sun	28	46.02	39.48	43.31	1.33	99.90	0.03	13.79	1.25	22.9	15.12	-7999	-7999
Mon	29	42.74	37.62	39.88	1.76	99.90	0.07	65.17	0.00	24	15.12	-7999	-7999.00
Tues	30	39.66	34.82	37.01	1.63	86.10	54.09	63.83	0.00	24	15.12	-7999	-7999
Wed	31	44.92	27.62	37.68	2.852	99.90	0.03	56.77	0.00	24	15.12	-7999.00	-7999.00
Avg		46.35	29.84	38.34									
Sum									5.73				
10 Yr Avg		44.85	26.98	35.86					5.08				

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