

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

January 2022													
		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	67.73	51.22	57.66	0.851	99.90	74.59	98.10	0.63	23.72	15.3	114.70	85.10
Sun	2	66.74	52.05	58.38	0.855	99.90	59.44	94.90	0.67	22.99	18.98	114.40	89.10
Mon	3	52.23	19.12	31.21	0.48	100.00	58.57	93.70	0.55	18.63	15.12	89.10	54.71
Tues	4	30.68	13.36	21.47	4.997	100.00	77.01	92.20	0.45	24	15.15	66.59	52.21
Wed	5	43.64	16.15	33.59	2.064	100.00	87.70	98.30	0.47	22.82	15.28	66.49	52.93
Thurs	6	45.57	29.42	38.82	4.271	99.90	33.10	68.18	0.00	22.56	15.15	75.48	56.09
Fri	7	35.84	23.97	29.18	3.902	99.90	40.47	63.23	0.11	24	15.98	61.76	52.39
Sat	8	34.75	19.00	25.82	5.114	71.51	28.97	50.54	0.01	24	15.12	61.12	48.95
Sun	9	51.64	24.64	38.38	1.913	99.90	63.57	80.50	0.32	23.79	15.13	74.77	51.10
Mon	10	44.55	23.49	33.29	4.316	99.90	24.01	51.54	0.02	24	20.85	71.60	51.03
Tues	11	28.04	16.88	23.48	5.19	73.49	28.68	45.22	0.00	24	15.87	52.73	47.47
Wed	12	42.95	16.46	31.24	4.86	75.07	30.99	54.14	0.00	24	15.12	58.97	46.99
Thurs	13	47.08	25.49	36.36	3.007	88.70	40.65	66.26	0.00	24	15.12	68.44	50.45
Fri	14	47.97	29.24	38.05	4.566	84.50	44.86	63.14	0.00	24	15.68	77.25	54.68
Sat	15	29.54	19.00	23.05	3.668	55.20	20.54	33.53	0.00	24	15.34	54.68	48.26
Sun	16	53.22	14.63	28.68	1.419	99.90	35.35	71.63	1.18	23.98	15.13	78.53	45.22
Mon	17	53.34	32.63	38.85	3.39	99.90	34.30	60.42	0.23	24	15.12	81.30	54.90
Tues	18	39.20	24.09	33.1	3.827	83.90	36.13	52.94	0.00	24	15.12	64.13	50.62
Wed	19	50.88	22.82	39.56	5.21	85.30	32.95	53.28	0.00	24	15.21	74.95	49.89
Thurs	20	48.30	27.11	35.6	0.757	100.00	44.02	82.50	0.27	21.2	15.35	67.74	54.46
Fri	21	27.35	17.35	21.85	3.96	73.75	45.31	54.21	0.00	24	26.73	54.46	48.44
Sat	22	32.80	18.21	23.75	5.612	87.40	42.78	64.58	0.05	24	15.13	56.75	47.65
Sun	23	38.52	16.03	27.21	5.156	100.00	35.18	67.18	0.00	24	15.32	62.77	49.09
Mon	24	40.76	21.85	31.42	5.343	94.90	42.10	69.89	0.00	24	15.53	69.64	50.18
Tues	25	43.33	30.39	38.3	1.149	75.50	53.24	62.40	0.00	24	15.47	68.80	55.32
Wed	26	30.70	20.09	26.79	5.925	61.42	28.34	40.71	0.00	24	15.16	58.62	49.66
Thurs	27	37.24	12.63	24.23	6.057	81.90	28.19	55.89	0.00	24	15.12	61.77	47.91
Fri	28	40.11	24.76	31.95	3.179	99.90	36.54	61.45	0.00	24	15.12	61.80	52.41
Sat	29	30.26	18.81	23.17	3.673	100.00	31.73	70.74	0.00	24	16.75	58.62	52.35
Sun	30	28.16	7.35	20.45	6.087	68.45	28.11	43.57	0.00	24	15.13	60.87	46.28
Mon	31	39.06	15.19	26.94	5.59	83.00	49.63	64.23	0.14	24.00	15.14	68.05	48.49
Avg		42.01	22.69	31.99									
Sum									5.10				
10 Yr Avg		45.12	27.37	36.30					5.05				

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