

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

March 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
Tues	1	56.87	26.10	42.97	6.69	86.30	32.39	58.12	0.00	24	15.18	117.20	60.11
Wed	2	57.33	33.48	47.07	7.22	90.30	37.17	60.45	0.00	24	15.19	135.50	67.45
Thurs	3	53.37	36.99	46.6	2.62	87.60	21.92	52.79	0.00	24	15.52	107.30	74.40
Fri	4	41.43	24.10	32.79	8.85	72.35	18.16	39.01	0.00	24	15.31	99.00	57.82
Sat	5	55.10	30.10	43.42	7.40	88.60	34.90	61.91	0.00	24	15.19	127.50	65.25
Sun	6	71.56	54.01	64.05	4.39	86.60	54.82	70.81	0.00	24	15.13	-7999.00	-7999.00
Mon	7	74.98	59.85	66.77	6.83	88.30	47.39	64.50	0.15	23.93	15.12	-7999.00	-7999.00
Tues	8	60.17	39.78	46.88	8.47	87.90	29.53	49.86	0.01	24	15.13	144.60	85.20
Wed	9	44.55	37.96	40.76	1.08	100.00	62.64	91.30	0.83	23.89	15.15	90.20	80.20
Thurs	10	48.39	34.03	39.83	6.35	100.00	49.28	80.40	0.00	24	15.13	111.10	74.45
Fri	11	59.27	27.98	42.36	8.87	100.00	43.58	80.60	0.00	24	15.12	164.60	66.27
Sat	12	51.94	24.39	37.38	1.41	100.00	33.64	81.90	1.14	23.15	15.12	102.20	66.79
Sun	13	36.90	20.82	29.01	9.70	67.58	23.07	43.59	0.00	24	15.12	89.10	62.21
Mon	14	56.62	25.12	41.62	9.16	87.00	30.17	56.43	0.00	24	15.17	133.20	59.43
Tues	15	65.93	35.49	50.85	9.01	88.70	21.39	53.52	0.00	24	15.12	173.90	67.80
Wed	16	65.82	37.41	53.52	8.51	88.70	30.82	56.46	0.00	24	15.12	168.70	74.82
Thurs	17	61.66	50.91	55.70	2.16	99.90	74.38	97.20	0.44	23.87	15.74	140.10	97.10
Fri	18	70.09	49.64	57.81	8.54	99.90	42.08	82.10	0.00	24	15.14	-7999.00	-7999.00
Sat	19	74.62	55.09	65.14	8.74	87.20	43.28	68.45	0.00	24	15.13	-7999.00	-7999.00
Sun	20	67.42	46.86	55.72	7.70	70.21	33.40	47.73	0.00	24	15.13	177.10	97.80
Mon	21	62.74	36.02	51.36	10.06	68.49	23.89	42.78	0.00	24	15.13	202.80	78.72
Tues	22	67.60	39.13	52.1	9.64	99.90	26.67	61.82	0.00	24	15.16	-7999.00	-7999.00
Wed	23	61.88	42.64	49.94	3.27	99.90	49.59	78.22	0.20	24	58.28	125.20	86.40
Thurs	24	65.97	60.57	63.59	1.45	99.90	81.00	92.60	0.57	24	15.12	180.10	125.30
Fri	25	62.64	48.12	53.08	6.58	99.90	34.18	72.80	0.00	24	15.24	184.80	101.50
Sat	26	52.23	37.35	45.05	6.74	87.50	28.73	64.39	0.04	23.88	15.12	125.20	85.00
Sun	27	43.39	32.57	38.83	4.94	65.43	30.38	45.42	0.00	24	15.14	93.30	72.34
Mon	28	37.95	26.64	31.87	6.96	54.35	21.25	36.35	0.00	24	15.12	86.70	63.64
Tues	29	40.70	22.52	30.81	10.99	74.32	24.27	42.43	0.00	24	15.12	97.80	59.03
Wed	30	54.98	25.67	41.64	6.41	83.80	25.25	55.35	0.00	24	15.13	127.70	63.66
Thurs	31	67.65	53.09	61.99	3.10	89.10	67.50	80.10	0.13	24.00	15.13	185.50	100.80
Avg		57.80	37.88	47.76									
Sum									3.51				
10 Yr Avg		54.46	35.16	44.83					3.47				

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

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