

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

January 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
Sun	1	61.58	41.91	52.02	4.525	99.90	-0.17	30.75	0.00	24	15.12	772.30	-459.70
Mon	2	64.22	37.67	50.73	4.167	99.90	-0.20	39.95	0.00	14.51	15.12	-7999.00	-7999.00
Tues	3	64.71	48.32	57.18	2.363	99.80	60.92	76.15	0.00	24	15.12	172.80	98.10
Wed	4	67.05	58.46	62.01	2.199	99.80	0.00	67.29	0.44	23.62	15.12	-7999.00	-7999.00
Thurs	5	62.26	44.68	55.7	2.737	99.80	-0.14	54.63	0.00	24	15.12	-7999.00	-7999.00
Fri	6	50.00	37.24	44.85	2.086	99.90	-0.14	53.22	0.00	24	15.12	139.00	82.10
Sat	7	47.32	32.35	39.73	4.286	78.32	32.91	59.59	0.00	24	15.12	123.90	68.97
Sun	8	42.85	26.28	35	2.709	100.00	47.27	74.93	0.39	24	15.12	101.50	64.70
Mon	9	46.10	30.77	40.05	4.355	99.90	-0.64	58.75	0.06	23.89	15.12	123.70	67.78
Tues	10	44.00	25.55	33.81	3.220	99.90	48.08	73.56	0.00	24	15.12	98.50	63.68
Wed	11	45.08	24.45	35.19	3.162	100.00	50.71	80.20	0.00	24	15.12	105.60	64.41
Thurs	12	62.72	38.45	51.05	1.641	88.00	52.17	72.76	0.01	24	15.12	-7999.00	-7999.00
Fri	13	62.48	38.99	48.53	1.813	87.70	53.14	69.08	0.04	23.86	15.12	-7999.00	-7999.00
Sat	14	39.18	28.93	32.96	1.627	64.92	53.47	58.86	0.00	24	15.12	92.50	70.17
Sun	15	41.92	26.46	32.73	4.977	64.07	45.07	55.39	0.00	24	15.12	99.10	66.16
Mon	16	49.38	24.05	36.19	5.221	66.29	17.35	41.67	0.00	24	15.12	119.10	62.32
Tues	17	44.38	29.80	39.06	1.457	100.00	37.78	71.55	0.03	24	15.12	112.70	71.88
Wed	18	56.98	36.33	46.06	4.789	99.90	-0.34	52.65	0.00	18.51	15.12	-7999.00	-7999.00
Thurs	19	59.71	36.71	46.62	0.927	99.80	-0.27	77.86	0.08	24	15.12	-7999.00	-7999.00
Fri	20	51.15	36.75	44.73	4.971	99.90	-0.54	41.02	0.00	24	15.12	-7999.00	-7999.00
Sat	21	42.55	31.98	37.67	2.276	73.11	42.25	56.97	0.00	24	15.12	126.20	90.90
Sun	22	43.11	27.74	36.17	0.878	99.90	0.24	63.34	0.27	23.7	15.12	147.20	81.00
Mon	23	43.94	37.59	40.57	1.770	99.90	0.20	39.71	0.19	22.7	15.12	155.50	112.80
Tues	24	47.55	28.23	37.64	5.633	85.50	29.88	58.52	0.00	24	15.12	207.20	79.14
Wed	25	59.03	27.25	42.88	0.771	99.90	0.17	84.20	0.80	24	15.12	-7999.00	-7999.00
Thurs	26	59.21	39.54	46.95	3.754	99.90	-0.10	70.58	0.17	23.66	15.12	-7999.00	-7999.00
Fri	27	43.01	27.01	34.66	4.061	99.90	30.26	64.69	0.00	24	15.12	-7999.00	-7999.00
Sat	28	54.14	28.41	41.11	5.954	78.71	31.45	57.13	0.00	24	15.12	-7999.00	-7999.00
Sun	29	53.08	35.80	43.97	3.152	78.67	34.36	64.03	0.00	24	15.12	-7999.00	-7999.00
Mon	30	58.62	39.66	45.64	4.029	99.90	48.78	78.88	0.01	24	15.12	-7999.00	-7999.00
Tues	31	46.75	34.27	40.55	0.757	99.90	-0.37	59.76	0.17	23.77	15.12	-7999.00	-7999.00
Avg		52.07	34.25	42.97									
Sum									2.66				
10 Yr Avg		44.38	26.63	35.48					5.25				

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

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

February 2023

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
Wed	1	38.15	24.88	32.74	3.652	100.00	37.54	81.10	0.19	22.67	15.12	-7999.00	-7999.00
Thurs	2	37.93	24.33	31.27	2.859	89.20	26.28	67.23	0.00	24	15.12	-7999.00	-7999.00
Fri	3	37.68	19.67	31.39	5.326	86.60	19.16	47.07	0.00	24	15.12	-7999.00	-7999.00
Sat	4	28.24	14.58	21.35	6.392	66.68	11.90	36.56	0.00	24	15.12	-7999.00	-7999.00
Sun	5	53.19	25.43	40.52	5.489	99.80	24.41	56.33	0.00	24	15.12	-7999.00	-7999.00
Mon	6	53.33	31.84	43.7	5.190	99.90	-0.14	43.07	0.00	24	15.12	-7999.00	-7999.00
Tues	7	48.47	24.40	37.46	5.208	100.00	42.90	70.08	0.00	24	15.12	-7999.00	-7999.00
Wed	8	63.10	39.91	51.09	5.919	83.90	27.93	57.78	0.00	24	15.12	-7999.00	-7999.00
Thurs	9	65.91	34.22	52.34	2.769	99.90	43.85	69.68	0.00	24	15.12	-7999.00	-7999.00
Fri	10	63.02	45.35	57.56	6.374	80.60	29.92	55.02	0.00	24	15.12	-7999.00	-7999.00
Sat	11	47.54	36.28	42.31	5.797	74.62	30.17	46.63	0.00	24	15.12	-7999.00	-7999.00
Sun	12	41.67	35.79	38.69	0.910	100.00	-0.17	82.20	0.35	23.35	15.12	-7999.00	-7999.00
Mon	13	55.77	35.48	44.37	6.788	99.90	16.17	55.77	0.14	22.2	15.12	-7999.00	-7999.00
Tues	14	56.50	29.08	44.10	7.074	86.20	23.82	50.26	0.00	24	15.12	-7999.00	-7999.00
Wed	15	66.38	41.97	54.44	3.990	62.22	38.05	50.64	0.00	24	15.12	-7999.00	-7999.00
Thurs	16	66.71	46.99	59.54	3.072	83.70	55.03	66.56	0.00	24	15.12	-7999.00	-7999.00
Fri	17	65.25	34.88	55.22	0.827	100.00	-0.17	67.55	0.49	23.45	15.12	-7999.00	-7999.00
Sat	18	40.46	27.13	33.12	7.552	76.04	30.42	50.58	0.00	24	15.12	-7999.00	-7999.00
Sun	19	55.31	28.41	42.9	6.474	85.70	26.16	66.26	0.00	24	15.12	-7999.00	-7999.00
Mon	20	56.29	44.01	50.43	2.808	86.00	49.95	72.02	0.00	24	15.12	-7999.00	-7999.00
Tues	21	60.32	39.13	50.56	6.409	99.90	39.00	69.07	0.00	24	15.12	-7999.00	-7999.00
Wed	22	52.86	32.16	44.39	2.090	99.90	35.92	71.66	0.00	23.16	15.12	-7999.00	-7999.00
Thurs	23	74.40	41.73	58.26	6.442	99.90	-0.03	73.34	0.00	24	15.12	-7999.00	-7999.00
Fri	24	62.32	38.89	52.44	6.226	99.80	15.62	44.40	0.00	24	15.12	-7999.00	-7999.00
Sat	25	39.07	28.90	33.88	2.633	99.90	37.38	69.88	0.03	24	15.12	-7999.00	-7999.00
Sun	26	45.69	33.06	38.57	6.970	99.90	59.69	79.97	0.00	24	15.12	-7999.00	-7999.00
Mon	27	51.38	28.10	40.58	4.781	100.00	-0.24	74.26	0.53	21.68	15.12	-7999.00	-7999.00
Tues	28	56.14	39.13	46.16	5.449	99.90	-0.41	45.54	0.00	24	15.12	-7999.00	-7999.00
	29												
	30												
	31												
Avg		52.97	33.06	43.91									
Sum									1.73				
10 Yr Avg		47.76	29.59	38.65					5.46				

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

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

March 2023

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
Wed	1	52.64	32.89	42.85	5.128	99.90	48.38	82.30	0.00	17.73	15.12	-7999.00	-7999.00
Thurs	2	61.06	39.60	51.03	3.390	100.00	-0.14	49.21	0.13	23.92	15.12	-7999.00	-7999.00
Fri	3	58.86	39.42	43.74	1.331	99.90	0.03	71.07	0.45	24	15.12	-7999.00	-7999.00
Sat	4	63.82	40.76	52.43	8.370	99.80	0.27	58.71	0.06	24	15.12	-7999.00	-7999.00
Sun	5	59.17	28.84	43.78	8.450	100.00	27.90	63.49	0.00	24	15.12	-7999.00	-7999.00
Mon	6	54.32	29.80	42.3	7.989	100.00	24.67	61.66	0.00	24	15.12	-7999.00	-7999.00
Tues	7	49.92	39.05	43.86	7.104	79.46	22.55	50.92	0.00	24	15.12	-7999.00	-7999.00
Wed	8	48.65	32.89	40.14	8.870	52.58	31.39	41.84	0.00	24	15.12	-7999.00	-7999.00
Thurs	9	50.15	32.16	40.43	8.850	80.00	34.59	53.87	0.00	24	15.12	-7999.00	-7999.00
Fri	10	47.39	30.28	40.55	2.319	99.90	0.00	75.28	0.12	23.98	15.12	-7999.00	-7999.00
Sat	11	43.64	35.25	39.77	2.975	88.90	50.95	59.67	0.00	24	15.12	-7999.00	-7999.00
Sun	12	43.86	27.13	36.00	3.810	90.40	50.14	71.33	0.02	24	15.12	-7999.00	-7999.00
Mon	13	43.04	37.13	39.58	1.810	99.90	-0.10	78.98	0.19	23.96	15.12	-7999.00	-7999.00
Tues	14	43.09	32.03	36.94	8.820	82.40	27.82	46.28	0.00	24	15.12	-7999.00	-7999.00
Wed	15	48.47	30.82	38.43	9.520	58.68	13.37	37.71	0.00	24	15.12	-7999.00	-7999.00
Thurs	16	56.75	27.68	43.65	9.410	67.52	10.43	32.96	0.00	24	15.12	-7999.00	-7999.00
Fri	17	61.33	43.19	52.95	4.602	75.54	37.74	54.85	0.01	24	15.12	-7999.00	-7999.00
Sat	18	58.55	34.82	45.24	7.953	99.90	22.38	56.03	0.03	24	15.12	-7999.00	-7999.00
Sun	19	38.65	25.62	33.53	9.920	83.30	22.40	41.57	0.00	24	15.12	-7999.00	-7999.00
Mon	20	48.28	21.44	34.95	9.960	76.87	23.56	48.66	0.00	24	15.12	-7999.00	-7999.00
Tues	21	57.62	24.23	41.8	9.190	100.00	12.31	48.42	0.00	24	15.12	-7999.00	-7999.00
Wed	22	63.83	36.05	50.1	7.046	83.70	29.45	60.15	0.00	24	15.12	-7999.00	-7999.00
Thurs	23	70.75	47.47	59.33	6.179	82.90	48.66	64.98	0.00	24	15.12	-7999.00	-7999.00
Fri	24	65.91	42.80	52.67	1.726	99.90	57.86	81.90	0.25	24	15.12	-7999.00	-7999.00
Sat	25	63.83	41.84	51.16	2.709	99.80	0.07	73.27	0.04	24	15.12	-7999.00	-7999.00
Sun	26	64.80	41.61	55.19	10.520	99.90	-0.34	44.83	0.00	24	15.12	-7999.00	-7999.00
Mon	27	59.79	41.67	51.53	3.163	99.80	31.79	76.72	0.01	24	15.12	-7999.00	-7999.00
Tues	28	56.14	37.73	47.62	7.028	99.90	-0.03	62.92	0.00	24	15.12	-7999.00	-7999.00
Wed	29	56.20	38.52	46.99	9.930	99.90	24.09	57.60	0.00	24	15.12	-7999.00	-7999.00
Thurs	30	49.73	36.09	42.57	10.850	73.78	17.75	43.49	0.00	24	15.12	-7999.00	-7999.00
Fri	31	64.82	35.32	52.14	6.156	84.00	42.54	60.68	0.00	24	15.12	-7999.00	-7999.00
Avg		55.00	34.97	44.94									
Sum									1.31				
10 Yr Avg		54.05	34.86	44.45					3.63				

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

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

April 2023

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
Sat	1	69.02	49.88	62.16	3.77	88.40	45.91	76.18	0.55	23.79	15.12	-7999	-7999
Sun	2	53.11	38.15	46.88	10.93	80.80	26.35	47.18	0.00	24	15.12	-7999	-7999
Mon	3	64.25	37.19	51.25	9.33	89.10	39.74	65.72	0.00	24	15.12	-7999	-7999
Tues	4	75.83	52.86	63.52	9.01	99.80	43.82	73.54	0.00	24	15.12	-7999	-7999
Wed	5	81.20	57.04	68.42	9.73	99.80	-0.41	41.23	0.00	24	15.12	-7999	-7999
Thurs	6	79.84	56.91	70.8	8.44	99.80	0.03	65.41	1.31	23.03	15.12	-7999	-7999
Fri	7	57.03	46.02	50.44	1.88	99.80	31.23	61.42	0.20	23.66	15.12	-7999	-7999
Sat	8	50.11	39.84	44.38	7.15	88.00	27.00	56.64	0.00	24	15.12	-7999	-7999
Sun	9	55.00	37.62	45.35	11.26	77.52	17.55	49.83	0.00	24	15.12	-7999	-7999
Mon	10	60.79	41.67	51.91	3.73	71.28	18.69	39.39	0.00	24	15.12	-7999	-7999
Tues	11	67.63	33.81	52.52	11.26	100.00	21.28	55.48	0.00	24	15.12	-7999	-7999
Wed	12	78.99	51.09	65.28	10.59	61.21	19.86	38.87	0.00	24	15.12	-7999	-7999
Thurs	13	83.10	48.45	67.84	11.39	82.00	16.35	42.11	0.00	24	15.12	-7999	-7999
Fri	14	77.44	56.81	65.87	8.19	85.80	20.63	64.76	0.00	24	15.12	-7999	-7999
Sat	15	75.95	60.37	67.42	9.35	99.80	0.00	57.06	0.00	24	15.12	-7999	-7999
Sun	16	76.99	53.46	67.14	7.34	99.80	-0.24	36.29	0.00	24	15.12	-7999	-7999
Mon	17	67.86	48.27	62.01	10.14	83.80	24.52	52.63	0.00	24	15.12	-7999	-7999
Tues	18	71.26	42.28	57.55	11.97	87.10	12.00	41.04	0.00	24	15.12	-7999	-7999
Wed	19	67.57	35.20	53.91	11.90	85.20	22.36	50.81	0.00	24	15.12	-7999	-7999
Thurs	20	83.00	49.24	63.75	11.16	83.90	28.40	63.95	0.00	24	15.12	-7999	-7999
Fri	21	84.70	52.99	69.81	11.52	99.90	17.76	52.40	0.00	24	15.12	-7999	-7999
Sat	22	75.39	57.70	65.44	7.92	99.80	-0.14	48.75	1.00	23.49	15.12	-7999	-7999
Sun	23	66.20	51.10	58.34	11.22	99.80	0.14	47.37	0.25	23.09	15.12	-7999	-7999
Mon	24	57.78	41.13	49.37	8.83	84.40	26.76	49.04	0.00	24	15.12	-7999	-7999
Tues	25	60.19	36.17	48.28	10.75	90.80	27.20	58.10	0.00	24	15.12	-7999	-7999
Wed	26	63.71	37.98	51.73	9.00	99.90	33.87	64.45	0.00	24	15.12	-7999	-7999
Thurs	27	69.07	47.23	56.94	8.46	99.90	40.94	74.47	0.00	24	15.12	-7999	-7999
Fri	28	59.52	53.52	55.86	1.45	100.00	-0.17	66.01	0.92	24	15.12	-7999	-7999
Sat	29	69.71	57.34	61.39	7.90	99.80	-0.37	44.70	0.03	24	15.12	-7999	-7999
Sun	30	64.05	55.29	59.67	2.16	99.90	-0.24	48.38	2.80	21.83	15.12	-7999	-7999
Avg		68.88	47.55	58.51									
Sum									7.06				
10 Yr Avg		65.41	44.37	54.60					3.83				

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

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

May 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
Mon	1	60.70	50.56	56.03	10.10	71.11	31.08	49.46	0.00	24	15.12	-7999	-7999
Tues	2	60.11	49.59	55.2	5.90	76.01	34.52	50.90	0.00	24	15.12	-7999	-7999
Wed	3	54.72	41.67	49.01	6.88	86.90	36.62	65.15	0.01	24	15.12	-7999	-7999
Thurs	4	61.54	40.70	50.53	10.14	87.50	34.75	62.68	0.00	24	15.12	-7999	-7999
Fri	5	65.77	40.27	53.13	9.30	99.90	-0.27	53.36	0.00	21.98	15.12	-7999	-7999
Sat	6	69.55	41.49	55.93	11.53	99.90	-0.17	34.06	0.00	22.05	15.12	-7999	-7999
Sun	7	75.06	46.40	61.59	9.12	99.90	-0.24	52.63	0.10	23.87	15.12	-7999	-7999
Mon	8	78.81	57.82	67.74	10.37	99.80	-0.10	39.85	0.00	24	15.12	-7999	-7999
Tues	9	63.73	46.09	58.55	6.36	99.80	31.41	69.64	0.53	23.57	15.12	-7999	-7999
Wed	10	67.86	41.73	55.83	11.15	99.90	-0.14	51.84	0.00	21.49	15.12	-7999	-7999
Thurs	11	74.74	46.76	62.36	12.29	99.90	-0.03	51.69	0.00	24	15.12	-7999	-7999
Fri	12	80.60	56.81	68.58	11.64	99.80	0.34	65.44	0.00	24	15.12	-7999	-7999
Sat	13	72.59	60.25	66.18	3.36	99.70	0.30	54.32	0.43	23.28	15.12	-7999	-7999
Sun	14	73.65	54.44	63.22	12.86	99.80	0.27	46.09	0.01	24	15.12	-7999	-7999
Mon	15	70.41	49.79	59.66	12.00	97.30	21.31	60.22	0.00	24	15.12	-7999	-7999
Tues	16	73.26	54.80	65.40	9.10	99.80	53.65	72.94	0.00	24	15.12	-7999	-7999
Wed	17	70.11	51.77	64.07	11.62	99.80	-0.20	50.52	0.03	24	15.12	-7999	-7999
Thurs	18	65.51	44.65	55.71	12.88	88.60	23.41	60.16	0.00	24	15.12	-7999	-7999
Fri	19	69.41	52.86	60.92	10.03	89.20	34.87	67.57	0.00	24	15.12	-7999	-7999
Sat	20	75.77	58.55	65.42	6.32	99.80	-0.27	41.96	0.34	23.34	15.12	-7999	-7999
Sun	21	72.05	57.28	63.66	11.98	99.80	-0.03	61.63	0.55	23.39	15.12	-7999	-7999
Mon	22	74.54	51.89	63.54	12.24	99.80	-0.10	40.35	0.00	19.73	15.12	-7999	-7999
Tues	23	67.59	52.07	59.07	11.51	99.90	0.03	54.67	0.00	21.88	15.12	-7999	-7999
Wed	24	74.01	48.69	60.72	11.65	87.70	23.71	59.39	0.00	24	15.12	-7999	-7999
Thurs	25	67.38	48.75	59.26	11.72	82.30	25.63	56.57	0.00	24	15.12	-7999	-7999
Fri	26	68.83	43.80	56.52	12.04	99.90	0.03	60.09	0.00	24	15.12	-7999	-7999
Sat	27	70.07	45.07	58.59	12.53	87.80	23.40	52.06	0.00	24	15.12	-7999	-7999
Sun	28	69.33	54.01	62.05	5.86	84.40	61.18	74.39	0.00	24	15.12	-7999	-7999
Mon	29	69.58	57.64	63.87	3.96	99.80	-0.03	53.10	0.27	23.94	15.12	-7999	-7999
Tues	30	66.89	53.22	60.27	8.84	94.90	51.48	77.39	0.00	24	15.12	-7999	-7999
Wed	31	71.24	53.28	61.37	8.520	99.90	0.00	67.27	0.00	24	15.12	-7999.00	-7999.00
Avg		69.53	50.09	60.13									
Sum									2.27				
10 Yr Avg		73.86	54.86	63.80					4.76				

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

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

June 2023

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
Thurs	1	76.14	56.80	66.22	7.44	99.80	0.00	56.95	0.00	24	15.12	-7999	-7999
Fri	2	85.20	51.71	68.92	13.25	99.80	-0.30	32.41	0.00	22.25	15.12	-7999	-7999
Sat	3	74.05	54.98	62.42	7.67	99.80	-0.47	58.23	0.00	24	15.12	-7999	-7999
Sun	4	71.02	52.73	59.6	12.25	81.80	31.63	60.95	0.00	24	15.12	-7999	-7999
Mon	5	73.92	52.07	62.84	10.99	87.20	34.06	60.85	0.00	24	15.12	-7999	-7999
Tues	6	76.53	52.86	66.26	10.04	99.80	-0.37	36.57	0.00	24	15.12	-7999	-7999
Wed	7	74.82	57.11	66.14	10.53	76.33	22.86	50.26	0.00	24	15.12	-7999	-7999
Thurs	8	70.77	52.92	58.14	5.35	99.80	-0.10	59.37	0.74	23.47	15.12	-7999	-7999
Fri	9	72.05	50.74	62.37	11.32	99.80	0.00	33.97	0.01	21.67	15.12	-7999	-7999
Sat	10	78.20	50.87	66.25	12.87	99.80	-0.10	48.01	0.00	24	15.12	-7999	-7999
Sun	11	84.10	59.59	72.11	12.14	87.10	26.83	56.99	0.00	24	15.12	-7999	-7999
Mon	12	78.88	64.89	71.38	7.42	88.20	58.89	77.52	0.02	24	15.12	-7999	-7999
Tues	13	77.47	59.04	67.75	12.46	88.00	34.55	60.83	0.00	24	15.12	-7999	-7999
Wed	14	78.16	59.95	69.47	8.67	99.80	-0.03	51.13	0.00	24	15.12	-7999	-7999
Thurs	15	78.56	52.98	66.98	13.16	99.80	0.27	56.75	0.00	24	15.12	-7999	-7999
Fri	16	80.30	60.07	70.01	8.01	88.10	53.12	73.61	0.05	24	15.12	-7999	-7999
Sat	17	78.08	59.52	68.26	11.49	99.80	-0.27	54.31	0.00	24	15.12	-7999	-7999
Sun	18	80.80	55.17	69.88	12.44	93.00	21.50	53.17	0.00	24	15.12	-7999	-7999
Mon	19	83.60	56.56	71.05	8.96	99.90	-0.27	62.05	0.00	24	15.12	-7999	-7999
Tues	20	77.23	65.20	70.37	6.83	99.80	0.14	77.27	0.00	24	15.12	-7999	-7999
Wed	21	68.46	60.48	63.61	2.69	99.80	-0.44	68.63	0.53	23.78	15.12	-7999	-7999
Thurs	22	66.08	61.33	63.04	3.87	99.80	-0.34	32.24	0.07	24	15.12	-7999	-7999
Fri	23	80.80	61.69	70.49	5.81	99.80	-0.20	41.61	0.21	24	15.12	-7999	-7999
Sat	24	81.60	68.40	73.63	8.82	99.80	-0.17	43.72	0.02	24	15.12	-7999	-7999
Sun	25	84.90	66.76	75.9	12.23	99.70	-0.24	42.40	0.00	24	15.12	-7999	-7999
Mon	26	87.00	69.80	77.85	8.88	99.80	-0.20	55.89	0.00	24	15.12	-7999	-7999
Tues	27	83.30	65.08	72.02	10.59	99.80	-0.34	64.10	0.28	24	15.12	-7999	-7999
Wed	28	80.60	64.77	71.71	10.80	99.70	-0.27	44.04	0.01	24	15.12	-7999	-7999
Thurs	29	82.90	60.43	71.55	12.33	99.80	-0.47	52.09	0.00	24	15.12	-7999	-7999
Fri	30	83.70	62.20	72.05	10.11	99.80	-0.37	41.14	0.00	24	15.12	-7999	-7999
Avg		78.31	58.89	68.28									
Sum									1.94				
10 Yr Avg		81.99	64.13	71.71					5.82				

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

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

July 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
Sat	1	83.00	65.75	73.42	9.88	99.80	0.20	69.88	0.13	24	15.12	-7999	-7999
Sun	2	86.20	71.24	78.75	10.17	99.80	-0.34	64.64	0.03	23.99	15.12	-7999	-7999
Mon	3	90.30	71.05	80.8	10.66	90.30	36.52	69.88	0.03	24	15.12	-7999	-7999
Tues	4	88.50	71.60	79.77	10.79	87.30	43.13	68.18	0.00	24	15.12	-7999	-7999
Wed	5	90.10	69.86	78.17	10.09	99.80	-0.27	57.71	1.69	23.54	15.12	-7999	-7999
Thurs	6	89.00	69.85	76.4	9.33	99.80	-0.37	44.25	0.24	23.91	15.12	-7999	-7999
Fri	7	87.40	69.97	75.24	9.19	99.80	-0.51	24.81	1.23	23.34	15.12	-7999	-7999
Sat	8	86.80	69.19	76.03	7.82	99.80	-0.41	43.06	0.00	24	15.12	-7999	-7999
Sun	9	83.60	68.46	75.06	6.72	99.80	-0.71	41.02	0.03	24	15.12	-7999	-7999
Mon	10	82.10	66.52	73.63	9.90	99.90	-0.47	58.11	0.00	24	15.12	-7999	-7999
Tues	11	86.40	66.48	76.04	12.78	99.90	-0.74	41.19	0.00	24	15.12	-7999	-7999
Wed	12	87.80	65.15	77.23	11.89	99.80	-0.30	47.16	0.00	24	15.12	-7999	-7999
Thurs	13	89.10	70.59	80.20	12.14	99.80	-0.41	64.98	0.00	24	15.12	-7999	-7999
Fri	14	85.60	74.33	79.31	8.87	87.60	52.91	71.84	0.00	24	15.12	-7999	-7999
Sat	15	88.80	71.96	79.25	10.08	99.70	-0.10	58.73	0.00	24	15.12	-7999	-7999
Sun	16	78.48	70.39	74.55	3.20	99.90	-0.71	26.70	1.53	23.64	15.12	-7999	-7999
Mon	17	89.00	68.34	78.00	11.15	99.70	-0.54	42.30	0.00	21.1	15.12	-7999	-7999
Tues	18	86.30	70.77	78.12	10.68	99.70	-0.81	41.42	0.00	24	15.12	-7999	-7999
Wed	19	78.06	68.50	72.74	4.02	99.80	-0.64	62.30	0.44	23.84	15.12	-7999	-7999
Thurs	20	86.00	67.37	75.46	8.92	99.70	-0.57	41.53	0.00	22.91	15.12	-7999	-7999
Fri	21	83.50	67.47	75.36	9.08	99.80	-0.41	44.59	1.11	23.54	15.12	-7999	-7999
Sat	22	80.10	65.32	72.28	8.20	99.80	-0.34	57.31	0.00	24	15.12	-7999	-7999
Sun	23	85.80	60.80	73.41	12.01	99.70	-0.44	35.52	0.00	23.17	15.12	-7999	-7999
Mon	24	81.00	67.26	73.9	9.84	88.10	48.57	74.59	0.00	24	15.12	-7999	-7999
Tues	25	86.00	65.08	73.05	9.11	99.80	-0.61	49.13	0.05	23.93	15.12	-7999	-7999
Wed	26	85.80	63.94	75.2	10.60	99.80	-0.64	45.03	0.00	24	15.12	-7999	-7999
Thurs	27	89.80	73.42	82.3	11.75	99.80	0.10	56.03	0.00	24	15.12	-7999	-7999
Fri	28	90.00	76.43	83.8	11.39	79.57	55.12	68.24	0.00	24	15.12	-7999	-7999
Sat	29	90.20	71.28	80.1	11.04	99.80	54.30	72.69	0.13	23.84	15.12	-7999	-7999
Sun	30	81.00	65.40	73.09	12.15	86.20	37.55	64.68	0.00	24	15.12	-7999	-7999
Mon	31	80.70	61.46	71.19	8.540	99.80	-0.61	65.45	0.54	23.75	15.12	-7999.00	-7999.00
Avg		85.69	68.56	76.51									
Sum									7.18				
10 Yr Avg		86.06	68.71	77.02					5.91				

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

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

August 2023

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
Tues	1	78.14	61.22	70.34	9.95	99.80	-0.64	51.24	0.00	24	15.12	-7999	-7999
Wed	2	81.00	55.59	68.38	11.59	99.80	-0.64	35.38	0.00	24	15.12	-7999	-7999
Thurs	3	78.69	63.41	69.77	6.82	99.80	-0.37	62.58	0.06	24	15.12	-7999	-7999
Fri	4	72.90	65.02	68.43	4.05	99.70	-0.64	29.72	0.02	24	15.12	-7999	-7999
Sat	5	81.40	65.13	72.1	8.56	99.80	-0.74	36.33	0.01	24	15.12	-7999	-7999
Sun	6	85.00	63.58	74.11	8.95	99.70	-0.57	39.92	0.00	24	15.12	-7999	-7999
Mon	7	86.10	67.12	76.13	8.66	99.70	0.41	69.33	3.15	22.86	15.12	-7999	-7999
Tues	8	80.90	69.86	76.08	10.77	80.70	38.40	56.08	0.00	24	15.12	-7999	-7999
Wed	9	83.40	64.37	74.46	10.92	87.30	38.16	65.38	0.00	24	15.12	-7999	-7999
Thurs	10	81.60	68.22	73.23	4.65	99.80	-0.41	66.00	0.25	23.96	15.12	-7999	-7999
Fri	11	83.50	65.20	74.68	10.37	99.90	-0.24	50.37	0.00	24	15.12	-7999	-7999
Sat	12	86.50	67.99	77.08	10.90	99.80	-0.27	50.15	0.00	24	15.12	-7999	-7999
Sun	13	88.80	72.94	80.10	10.85	99.80	47.36	72.83	0.00	24	15.12	-7999	-7999
Mon	14	87.20	70.69	78.31	8.48	99.90	-0.57	43.81	0.28	23.95	15.12	-7999	-7999
Tues	15	89.40	73.00	79.32	9.07	99.80	-0.74	54.11	0.22	23.92	15.12	-7999	-7999
Wed	16	86.40	68.11	76.38	11.33	99.80	-0.64	53.73	0.00	24	15.12	-7999	-7999
Thurs	17	85.50	65.87	75.61	8.50	99.80	-0.51	42.04	0.00	24	15.12	-7999	-7999
Fri	18	81.90	66.06	76.68	10.22	99.80	-0.10	66.43	0.00	24	15.12	-7999	-7999
Sat	19	78.99	59.30	69.27	11.56	88.70	29.73	58.38	0.00	24	15.12	-7999	-7999
Sun	20	84.70	58.39	72.33	10.98	99.90	-0.27	57.26	0.00	24	15.12	-7999	-7999
Mon	21	88.00	67.81	77.09	8.67	99.80	-0.14	56.43	0.00	24	15.12	-7999	-7999
Tues	22	78.08	60.13	71.26	7.71	99.90	-0.30	51.22	0.00	24	15.12	-7999	-7999
Wed	23	80.00	55.65	68	9.54	99.90	-0.44	44.87	0.00	24	15.12	-7999	-7999
Thurs	24	77.59	65.94	70.95	4.52	85.20	46.74	70.37	0.01	24	15.12	-7999	-7999
Fri	25	87.20	69.37	76.54	8.31	87.20	51.67	73.90	0.00	24	15.12	-7999	-7999
Sat	26	88.60	71.36	77.69	7.86	99.80	-0.37	55.53	0.01	24	15.12	-7999	-7999
Sun	27	84.90	67.07	74.62	6.77	99.70	-0.17	45.39	0.00	24	15.12	-7999	-7999
Mon	28	76.78	69.74	72.32	2.99	99.70	-0.61	70.54	0.07	24	15.12	-7999	-7999
Tues	29	81.00	69.31	73.54	4.20	99.80	-0.44	26.29	0.11	23.94	15.12	-7999	-7999
Wed	30	83.40	70.04	76.1	7.15	99.70	-0.37	41.94	0.00	24	15.12	-7999	-7999
Thurs	31	72.59	55.23	66.41	5.753	99.90	-0.24	65.28	0.00	24	15.12	-7999.00	-7999.00
Avg		82.59	65.57	73.78									
Sum									4.19				
10 Yr Avg		84.22	66.39	74.67					5.29				

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

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

September 2023

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
Fri	1	75.95	53.89	64.61	10.77	99.90	-0.30	58.54	0.00	24	15.12	-7999	-7999
Sat	2	79.94	49.24	64.76	10.57	99.80	-0.64	41.40	0.00	24	15.12	-7999	-7999
Sun	3	88.30	58.93	73.53	9.97	99.80	-0.14	50.32	0.00	24	15.12	-7999	-7999
Mon	4	89.20	64.97	76.65	6.90	99.80	-0.37	48.07	0.00	24	15.12	-7999	-7999
Tues	5	90.20	67.45	78.35	8.83	99.80	-0.41	43.22	0.00	24	15.12	-7999	-7999
Wed	6	92.10	66.90	79.31	8.75	99.80	-0.24	47.36	0.00	24	15.12	-7999	-7999
Thurs	7	93.30	67.87	80.5	8.18	99.70	-0.61	45.88	0.00	24	15.12	-7999	-7999
Fri	8	91.10	72.15	79.59	7.86	99.80	-0.17	67.08	0.01	24	15.12	-7999	-7999
Sat	9	86.40	70.77	76.09	6.60	99.90	-0.24	52.99	0.02	24	15.12	-7999	-7999
Sun	10	83.30	69.00	73.53	5.89	99.80	-0.54	47.76	0.34	23.83	15.12	-7999	-7999
Mon	11	84.30	67.14	74.03	6.89	99.80	-0.54	34.31	0.00	24	15.12	-7999	-7999
Tues	12	87.30	62.26	74.84	9.16	99.70	-0.64	38.40	0.00	24	15.12	-7999	-7999
Wed	13	81.90	63.65	72.83	8.19	99.90	-0.17	50.65	1.26	23.68	15.12	-7999	-7999
Thurs	14	77.84	61.71	68.73	8.84	99.90	-0.27	53.68	0.00	24	15.12	-7999	-7999
Fri	15	72.44	53.77	62.53	9.69	81.70	38.97	61.47	0.00	24	15.12	-7999	-7999
Sat	16	76.20	51.49	63.00	9.68	99.80	-0.07	63.35	0.00	24	15.12	-7999	-7999
Sun	17	79.23	52.28	66.27	6.33	99.80	-0.30	40.29	0.00	24	15.12	-7999	-7999
Mon	18	72.23	57.29	64.71	3.41	99.90	-0.64	39.40	0.93	23.1	15.12	-7999	-7999
Tues	19	73.93	52.57	62.91	9.20	99.90	-0.47	54.11	0.00	24	15.12	-7999	-7999
Wed	20	77.78	51.06	64.25	8.52	99.80	-0.91	35.76	0.00	22.88	15.12	-7999	-7999
Thurs	21	77.96	53.23	64.68	7.56	99.90	-0.30	39.01	0.00	24	15.12	-7999	-7999
Fri	22	71.18	56.14	63.1	3.74	99.80	-0.03	72.10	0.00	24	15.12	-7999	-7999
Sat	23	70.15	60.86	65.97	1.49	99.80	-0.64	5.25	2.57	22.34	15.12	-7999	-7999
Sun	24	68.93	64.11	65.76	2.25	99.90	-0.27	78.63	0.00	24	15.12	-7999	-7999
Mon	25	65.97	59.34	63.12	2.07	99.80	-0.17	56.85	0.00	24	15.12	-7999	-7999
Tues	26	61.83	56.86	59.56	1.34	99.90	-0.44	11.51	0.11	23.92	15.12	-7999	-7999
Wed	27	67.47	54.44	59.92	7.02	99.90	-0.47	69.94	0.00	24	15.12	-7999	-7999
Thurs	28	65.90	53.65	60.48	1.91	99.80	-0.54	66.34	0.00	24	15.12	-7999	-7999
Fri	29	65.48	60.19	62.13	2.27	99.80	-0.64	13.72	0.07	23.61	15.12	-7999	-7999
Sat	30	64.64	55.23	60.97	2.13	99.80	-0.47	42.12	0.02	23.83	15.12	-7999	-7999
Avg		77.75	59.61	68.22					5.33				
Sum													
10 Yr Avg		78.68	60.19	68.98					4.30				

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

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

October 2023

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
Sun	1	76.56	54.25	63.67	7.38	99.80	-0.84	33.38	0.00	17.78	15.12	-7999	-7999
Mon	2	78.44	54.01	65.33	7.20	99.80	-0.68	49.39	0.00	21.54	15.12	-7999	-7999
Tues	3	80.80	53.29	64.75	7.06	99.80	-0.41	39.25	0.00	24	15.12	-7999	-7999
Wed	4	79.58	49.91	64.12	7.98	99.80	-0.51	34.63	0.00	24	15.12	-7999	-7999
Thurs	5	79.05	51.48	65.28	6.11	99.80	-0.30	39.27	0.00	24	15.12	-7999	-7999
Fri	6	77.91	59.22	67.5	3.42	99.70	-0.30	28.44	0.03	23.28	15.12	-7999	-7999
Sat	7	67.29	51.16	60.3	3.23	99.70	-0.07	35.96	0.02	23.97	15.12	-7999	-7999
Sun	8	60.60	41.45	52.15	5.69	87.20	38.27	58.56	0.00	24	15.12	-7999	-7999
Mon	9	62.99	37.39	51.05	7.30	99.90	-0.27	42.41	0.02	24	15.12	-7999	-7999
Tues	10	68.53	43.01	55.92	7.42	99.80	-0.30	48.07	0.00	24	15.12	-7999	-7999
Wed	11	70.65	46.75	57.62	6.75	99.80	0.00	50.47	0.00	24	15.12	-7999	-7999
Thurs	12	72.92	43.86	58.10	6.93	99.80	-0.17	42.38	0.00	24	15.12	-7999	-7999
Fri	13	68.81	44.34	55.91	7.04	99.80	-0.17	41.42	0.00	24	15.12	-7999	-7999
Sat	14	61.82	44.65	55.02	1.06	99.90	-0.47	20.86	0.99	23.39	15.12	-7999	-7999
Sun	15	60.93	42.82	52.29	5.67	99.90	-0.03	58.17	0.10	23.42	15.12	-7999	-7999
Mon	16	59.06	39.08	49.12	5.54	99.90	-0.44	46.55	0.00	17.56	15.12	-7999	-7999
Tues	17	62.63	42.04	51.67	5.00	99.90	-0.14	43.62	0.00	19.98	15.12	-7999	-7999
Wed	18	63.42	40.11	50.33	6.37	99.90	-0.14	29.70	0.00	24	15.12	-7999	-7999
Thurs	19	67.84	38.59	54.56	6.56	99.90	-0.57	39.73	0.00	24	15.12	-7999	-7999
Fri	20	70.53	54.13	61.14	5.03	99.80	0.00	59.40	0.14	23.88	15.12	-7999	-7999
Sat	21	64.70	46.93	57.13	4.35	99.80	0.03	44.53	0.01	23.99	15.12	-7999	-7999
Sun	22	61.37	42.29	52.25	6.19	99.90	-0.20	53.09	0.00	24	15.12	-7999	-7999
Mon	23	59.88	37.50	48.34	6.69	99.90	-0.37	56.36	0.00	24	15.12	-7999	-7999
Tues	24	65.34	33.45	48.41	6.46	99.80	0.00	34.51	0.00	21.66	15.12	-7999	-7999
Wed	25	72.11	43.98	57.38	6.14	99.80	-0.14	32.88	0.00	21.47	15.12	-7999	-7999
Thurs	26	75.69	53.06	63.55	5.90	99.80	-0.07	48.39	0.00	21.9	15.12	-7999	-7999
Fri	27	76.56	57.66	65.47	5.30	99.80	-0.24	58.10	0.00	19.71	15.12	-7999	-7999
Sat	28	81.20	56.93	67.6	5.87	99.80	-0.03	57.47	0.00	24	15.12	-7999	-7999
Sun	29	81.70	58.33	68.38	5.23	99.80	0.30	71.02	0.00	24	15.12	-7999	-7999
Mon	30	77.65	50.37	64.78	5.63	99.80	-0.10	64.19	0.02	24	15.12	-7999	-7999
Tues	31	51.60	44.88	47.89	1.144	85.90	56.70	71.81	0.01	24	15.12		
Avg		69.62	47.00	57.97					1.34				
Sum													
10 Yr Avg		68.97	49.94	59.28					4.44				

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

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

November 2023

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
Wed	1	47.51	31.70	41.92	4.78	99.90	0.10	61.02	0.00	24	15.12	-7999	-7999
Thurs	2	50.62	29.81	38.3	6.04	99.90	0.20	63.09	0.00	24	15.12	-7999	-7999
Fri	3	58.73	26.78	41.73	6.10	99.90	0.00	52.93	0.00	24	15.12	-7999	-7999
Sat	4	67.07	31.38	48.17	5.72	99.90	0.00	28.09	0.00	24	15.12	-7999	-7999
Sun	5	69.68	35.57	50.62	5.14	99.90	-0.07	46.19	0.00	24	15.12	-7999	-7999
Mon	6	66.10	40.42	52.38	5.37	99.80	0.10	66.46	0.00	24	15.12	-7999	-7999
Tues	7	70.90	49.60	60.05	4.77	99.80	0.10	57.77	0.00	24	15.12	-7999	-7999
Wed	8	61.94	45.38	53.26	5.53	82.90	30.87	56.60	0.00	24	15.12	-7999	-7999
Thurs	9	68.77	46.29	57.93	3.88	90.40	55.77	75.70	0.00	24	15.12	-7999	-7999
Fri	10	60.98	38.40	49.45	0.92	99.90	0.03	49.69	0.01	24	15.12	-7999	-7999
Sat	11	58.06	32.96	42.63	3.86	99.90	-0.03	34.80	0.01	24	15.12	-7999	-7999
Sun	12	51.20	29.69	40.35	4.69	99.90	-0.03	56.49	0.00	24	15.12	-7999	-7999
Mon	13	53.28	26.83	38.71	5.39	99.90	0.07	65.02	0.00	24	15.12	-7999	-7999
Tues	14	56.68	30.05	41.99	5.37	99.90	0.00	50.57	0.00	24	15.12	-7999	-7999
Wed	15	56.17	29.81	42.69	3.86	99.90	-0.10	63.90	0.00	24	15.12	-7999	-7999
Thurs	16	64.38	36.11	49.92	5.05	99.90	-0.10	52.48	0.00	24	15.12	-7999	-7999
Fri	17	70.60	38.23	55.68	4.34	99.90	0.03	42.24	0.00	24	15.12	-7999	-7999
Sat	18	58.46	34.36	49.61	4.47	99.90	0.10	40.04	0.00	24	15.12	-7999	-7999
Sun	19	56.02	26.18	39.34	5.06	100.00	0.17	67.21	0.00	24	15.12	-7999	-7999
Mon	20	49.93	30.48	40.02	4.58	99.90	-0.03	57.76	0.00	24	15.12	-7999	-7999
Tues	21	57.66	31.81	46.85	0.57	99.80	0.14	74.30	0.74	24	15.12	-7999	-7999
Wed	22	61.47	46.69	54.02	1.90	99.80	0.10	47.72	1.26	23.57	15.12	-7999	-7999
Thurs	23	51.91	34.23	44.82	4.93	99.90	0.07	65.17	0.00	24	15.12	-7999	-7999
Fri	24	50.96	31.50	40.52	3.15	99.90	0.03	37.69	0.00	20.85	15.12	-7999	-7999
Sat	25	44.77	28.41	36.05	4.24	80.90	47.94	59.53	0.00	24	15.12	-7999	-7999
Sun	26	49.00	31.14	41.63	1.11	99.90	-0.17	47.16	0.29	20.91	15.12	-7999	-7999
Mon	27	52.17	33.14	43.84	3.91	99.80	0.20	66.29	0.00	24	15.12	-7999	-7999
Tues	28	41.34	25.51	33.18	3.03	82.80	29.97	51.00	0.00	24	15.12	-7999	-7999
Wed	29	35.82	18.65	28.02	4.83	78.73	30.43	54.15	0.00	24	15.12	161	76.57
Thurs	30	54.05	22.65	37.69	4.79	88.10	27.44	59.89	0.00	24	15.12	-7999	-7999
	31												
Avg		56.54	33.13	44.71					2.31				
Sum													
10 Yr Avg		57.44	35.78	47.18					3.36				

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

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