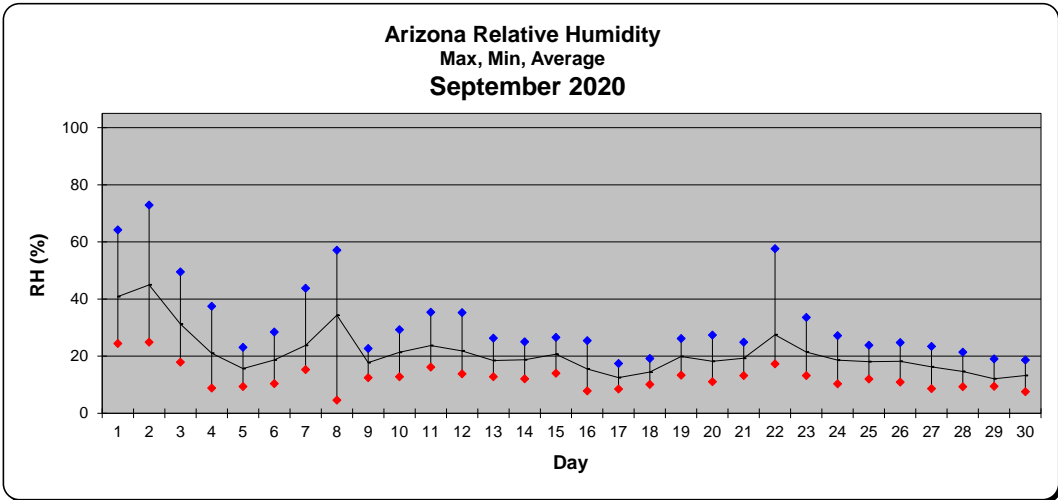
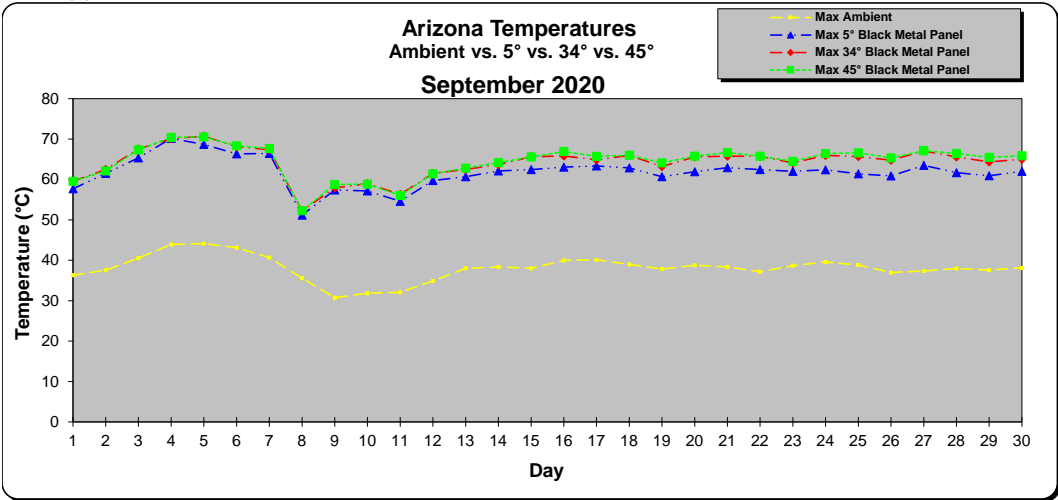




AWSG Month	Temperature Summary												Climate Summary						
	Ambient Temperature			Black Metal Panel Temperature (ASTM G179) (° C)									Relative Humidity			Wind Speed		Wind Direction	Rainfall
	September (° C)			5 °			34 °			45 °			(%)			m/sec		360°/0°=N	(mm)
Day	Max	Min	Avg.	Max	Min	Avg.	Max	Min	Avg.	Max	Min	Avg.	Max	Min	Avg.	Max	Avg.	Avg.	Total
1	36	26	31	58	23	35	60	23	36	60	24	36	64	24	41	7.6	1.5	219°	0.0
2	38	24	31	62	21	36	62	22	36	62	22	36	73	25	45	7.0	1.5	195°	0.0
3	41	25	32	65	23	38	68	23	38	67	24	38	50	18	31	6.1	1.6	74°	0.0
4	44	27	35	70	25	40	70	26	41	70	26	41	38	9	21	7.7	2.0	38°	0.0
5	44	30	37	69	27	41	71	27	42	71	28	42	23	9	16	9.3	1.9	44°	0.0
6	43	28	36	66	25	40	68	26	41	68	26	41	28	10	19	7.3	1.7	61°	0.0
7	41	26	34	66	24	38	67	25	39	68	25	39	44	15	24	7.5	1.9	152°	0.0
8	36	22	29	51	21	32	52	21	32	52	21	32	57	5	34	15.2	3.1	277°	0.0
9	31	19	24	57	18	29	58	18	30	59	18	30	23	13	18	15.2	4.2	14°	0.0
10	32	18	24	57	17	29	59	17	29	59	17	29	29	13	21	13.4	3.5	15°	0.0
11	32	22	26	55	20	29	56	21	30	56	21	30	35	16	24	8.6	2.4	42°	0.0
12	35	22	28	60	19	32	62	20	32	61	20	33	35	14	22	9.1	2.3	27°	0.0
13	38	24	30	61	22	34	62	23	35	63	23	35	26	13	18	8.5	2.5	43°	0.0
14	38	26	31	62	23	36	64	24	36	64	24	37	25	12	19	8.3	2.2	50°	0.0
15	38	24	31	62	22	35	66	22	36	66	23	36	27	14	21	7.1	1.8	37°	0.0
16	40	25	32	63	20	36	66	21	37	67	21	37	25	8	16	7.3	2.1	30°	0.0
17	40	25	33	63	21	36	65	22	37	66	22	37	17	9	12	6.9	1.9	41°	0.0
18	39	25	32	63	22	36	66	23	37	66	23	37	19	10	14	7.2	1.9	59°	0.0
19	38	24	31	61	21	35	63	22	36	64	22	36	26	13	20	7.9	1.7	64°	0.0
20	39	25	32	62	21	36	66	21	37	66	21	37	27	11	18	9.9	2.0	34°	0.0
21	38	26	32	63	23	36	66	24	37	67	24	37	25	13	19	8.0	2.0	358°	0.0
22	37	25	30	62	19	34	66	19	35	66	19	35	58	17	28	8.6	1.6	35°	0.8
23	39	24	31	62	20	35	64	21	36	64	21	36	34	13	21	9.2	2.3	332°	0.0
24	40	25	31	62	20	36	66	21	37	66	21	37	27	10	19	7.2	1.8	25°	0.0
25	39	25	31	61	22	35	66	23	37	67	23	37	24	12	18	7.2	1.9	351°	0.0
26	37	24	30	61	20	34	65	20	35	65	21	35	25	11	18	6.1	1.6	25°	0.0
27	37	23	30	63	19	34	67	20	35	67	20	35	23	9	16	6.5	1.7	359°	0.0
28	38	23	30	62	20	34	66	21	35	66	21	35	21	9	15	10.3	2.3	46°	0.0
29	38	25	30	61	23	34	64	23	36	65	23	36	19	9	12	9.1	2.4	50°	0.0
30	38	24	30	62	21	34	65	21	35	65	21	36	19	8	13	7.6	2.1	39°	0.0
Monthly Avg.	38	24	31	62	21	35	64	22	36	64	22	36	32	12	21	8.6	2.1	105°	
Monthly Total																			0.8
YTD [†] Avg.	31	18	24	55	15	29	57	15	29	57	16	29	45	17	29	9.0	2.0	121°	
YTD [†] Total																			202.9

[†] Year To Date
Note:





Solar Radiation Summary September 2020

Latitude 25° 34' North, Longitude 80° 28' West, Elevation 2 (m)

Miami, Florida

Latitude 33° 54' North, Longitude 112° 08' West, Elevation 610 (m)

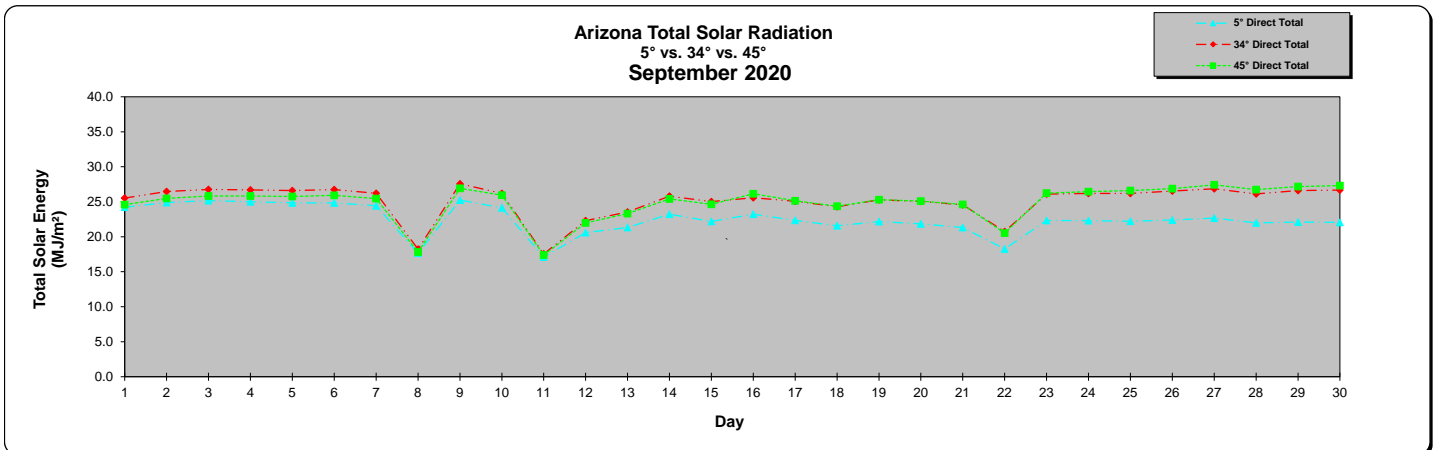
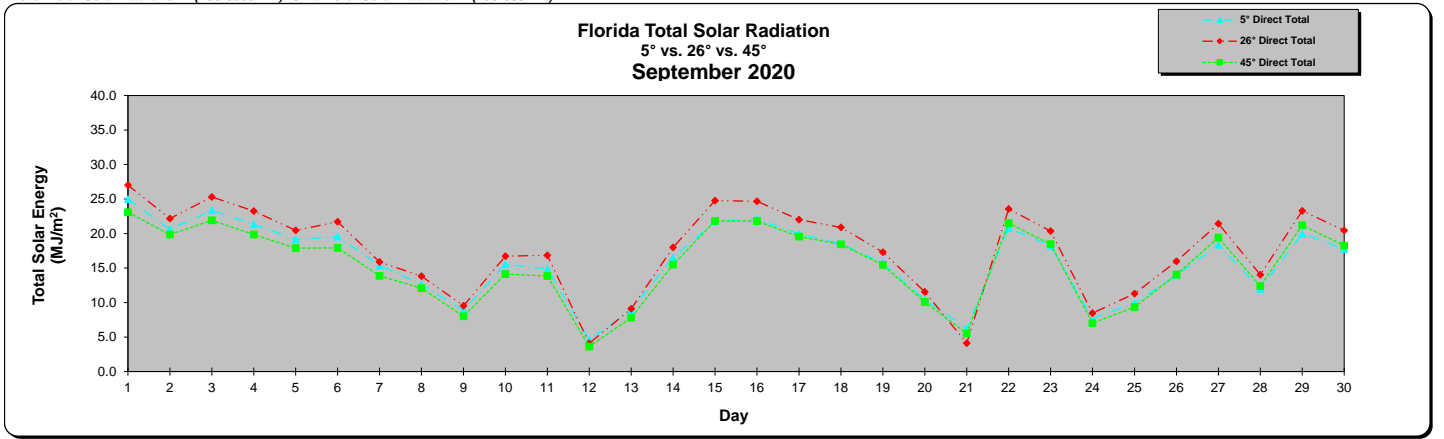
Phoenix, Arizona

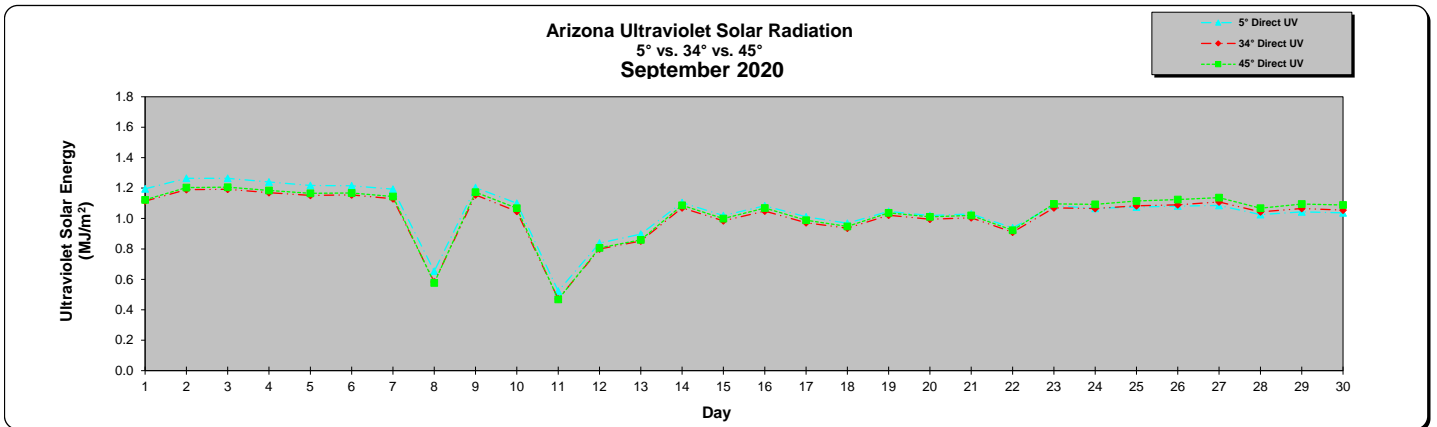
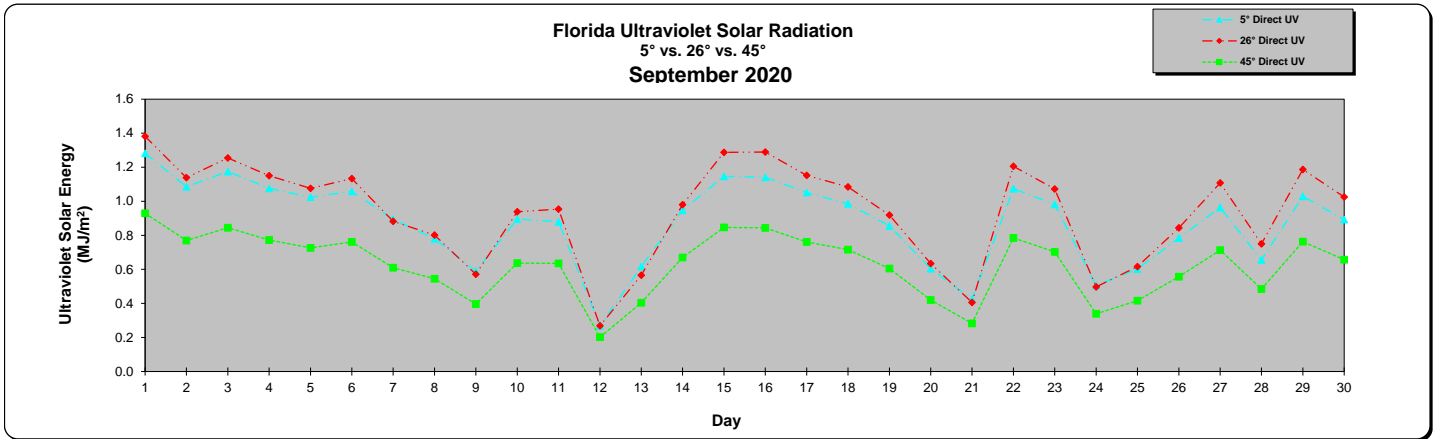
AWSG	Solar Radiation Summary											
	Total Solar Radiation (MJ/m ²)						Ultraviolet Solar Radiation (MJ/m ²)					
	Direct						Underglass					
	5°	26°	45°	5°	26°	45°	5°	26°	45°	5°	26°	45°
1	25.0	27.0	23.1	20.3	21.7	19.9	1.28	1.38	0.93	0.99	0.97	0.62
2	20.6	22.2	19.8	16.6	17.8	16.7	1.09	1.14	0.77	0.83	0.79	0.51
3	23.4	25.3	21.9	18.8	20.4	19.2	1.17	1.26	0.84	0.90	0.87	0.56
4	21.3	23.3	19.9	17.2	18.8	17.9	1.08	1.15	0.77	0.82	0.80	0.52
5	19.1	20.5	17.9	15.3	16.3	15.3	1.02	1.08	0.73	0.77	0.74	0.48
6	19.6	21.7	17.9	15.9	17.3	16.3	1.06	1.13	0.76	0.82	0.79	0.51
7	15.4	15.9	13.9	12.1	12.4	11.5	0.89	0.88	0.61	0.68	0.62	0.39
8	12.6	13.8	12.1	10.2	10.9	10.3	0.78	0.80	0.54	0.59	0.55	0.36
9	8.9	9.5	8.0	7.1	7.4	7.0	0.59	0.57	0.40	0.44	0.40	0.26
10	15.5	16.7	14.1	12.6	13.3	12.8	0.90	0.94	0.64	0.69	0.65	0.43
11	14.9	16.8	13.8	12.0	13.4	12.9	0.88	0.95	0.64	0.68	0.66	0.44
12	4.6	4.1	3.6	3.4	3.3	3.2	0.27	0.27	0.20	0.26	0.20	0.16
13	8.9	9.1	7.8	7.1	7.1	6.7	0.62	0.57	0.40	0.46	0.39	0.27
14	16.5	18.0	15.5	13.2	14.3	13.8	0.95	0.98	0.67	0.73	0.67	0.46
15	21.8	24.8	21.8	17.4	19.8	19.4	1.15	1.29	0.85	0.88	0.87	0.59
16	22.1	24.7	21.8	17.6	19.6	19.2	1.14	1.29	0.84	0.88	0.87	0.58
17	20.0	22.0	19.5	15.8	17.3	17.0	1.05	1.15	0.76	0.80	0.78	0.51
18	18.5	20.9	18.4	14.6	16.1	16.2	0.99	1.08	0.72	0.75	0.73	0.49
19	15.7	17.3	15.4	12.2	13.6	13.2	0.85	0.92	0.61	0.63	0.61	0.40
20	10.4	11.6	10.1	8.1	8.8	8.6	0.60	0.63	0.42	0.44	0.42	0.28
21	6.2	4.1	5.5	5.1	5.2	5.1	0.42	0.41	0.28	0.33	0.28	0.19
22	20.8	23.6	21.5	16.2	18.5	18.6	1.07	1.21	0.78	0.81	0.80	0.54
23	18.2	20.4	18.5	14.5	16.4	16.1	0.98	1.07	0.70	0.75	0.73	0.48
24	7.7	8.5	7.0	6.3	6.7	6.2	0.51	0.50	0.34	0.39	0.35	0.22
25	9.9	11.3	9.3	8.0	8.7	8.3	0.60	0.62	0.42	0.48	0.43	0.29
26	13.9	16.0	14.1	11.1	12.6	12.6	0.78	0.84	0.56	0.61	0.58	0.39
27	18.4	21.4	19.4	13.0	17.4	17.6	0.96	1.11	0.71	0.75	0.75	0.52
28	12.0	14.0	12.4	7.8	11.3	11.4	0.66	0.75	0.48	0.53	0.51	0.35
29	20.0	23.3	21.2	15.3	18.6	18.9	1.03	1.19	0.76	0.80	0.80	0.55
30	17.8	20.5	18.2	14.7	16.3	16.3	0.89	1.03	0.66	0.70	0.70	0.47
Monthly Total	479.7	528.1	463.7	379.4	421.2	408.3	26.27	28.18	18.80	20.21	19.33	12.85
YTD ¹ Total	4851.9	5315.7	4914.9	4197.3	4234.3	3673.1	248.84	257.66	220.46	204.90	177.52	125.13

AWSG	Solar Radiation Summary												EMMAQUA™	
	Total Solar Radiation (MJ/m ²)						Ultraviolet Solar Radiation (MJ/m ²)						(MJ/m ²)	
	Direct						Underglass						Total	UV
	5°	34°	45°	5°	34°	45°	5°	34°	45°	5°	34°	45°	Total	UV
1	24.2	25.5	24.6	20.7	21.9	21.9	1.20	1.11	1.12	0.82	0.83	0.75	164	4.63
2	24.9	26.5	25.5	21.4	22.7	22.9	1.26	1.19	1.20	0.87	0.89	0.81	185	5.90
3	25.2	26.8	25.8	21.5	22.9	23.2	1.26	1.19	1.21	0.87	0.89	0.81	191	6.12
4	25.0	26.7	25.8	21.3	22.9	23.2	1.24	1.17	1.18	0.85	0.87	0.79	154	4.88
5	24.8	26.6	25.8	21.2	22.9	23.2	1.22	1.15	1.17	0.84	0.86	0.78	175	5.37
6	24.8	26.7	25.9	21.1	22.9	23.3	1.22	1.16	1.17	0.84	0.86	0.78	0	0.00
7	24.4	26.2	25.5	20.8	22.5	22.9	1.19	1.13	1.14	0.82	0.84	0.77	0	0.00
8	17.6	18.2	17.8	14.9	15.7	15.9	0.65	0.58	0.58	0.45	0.44	0.39	0	0.00
9	25.2	27.6	26.9	21.4	23.6	24.0	1.20	1.16	1.17	0.84	0.88	0.81	129	4.03
10	24.1	26.2	25.9	20.4	22.9	23.2	1.10	1.05	1.07	0.77	0.80	0.74	113	3.17
11	17.1	17.5	17.4	14.3	15.3	15.4	0.52	0.47	0.47	0.37	0.36	0.32	0	0.00
12	20.6	22.3	22.0	17.6	19.5	19.8	0.84	0.80	0.81	0.59	0.61	0.55	56	1.39
13	21.3	23.5	23.3	18.1	20.6	21.0	0.90	0.85	0.86	0.62	0.65	0.59	0	0.00
14	23.2	25.8	25.4	19.8	22.5	23.0	1.11	1.07	1.09	0.76	0.81	0.74	170	4.60
15	22.2	25.0	24.6	18.9	21.7	22.1	1.02	0.99	1.00	0.71	0.75	0.68	145	3.66
16	23.2	25.6	26.1	19.7	22.8	23.3	1.08	1.05	1.07	0.75	0.80	0.73	169	4.75
17	22.3	25.1	25.1	18.9	21.9	22.6	1.01	0.97	0.99	0.70	0.74	0.67	142	3.74
18	21.6	24.3	24.4	18.3	21.3	22.0	0.97	0.94	0.95	0.67	0.71	0.65	118	3.08
19	22.2	25.3	25.3	18.8	22.1	22.8	1.05	1.02	1.04	0.72	0.77	0.71	142	3.93
20	21.9	25.0	25.1	18.5	21.9	22.6	1.02	1.00	1.01	0.70	0.75	0.69	143	3.82
21	21.3	24.6	24.6	18.2	21.5	22.3	1.03	1.01	1.02	0.71	0.75	0.70	92	2.58
22	18.3	20.8	20.5	15.5	18.1	18.7	0.94	0.91	0.92	0.64	0.68	0.63	115	3.47
23	22.3	26.1	26.2	18.9	22.7	23.5	1.08	1.07	1.10	0.74	0.81	0.75	173	4.89
24	22.3	26.2	26.5	18.8	22.8	23.8	1.07	1.07	1.09	0.74	0.81	0.75	182	5.00
25	22.2	26.2	26.6	18.8	22.9	23.9	1.08	1.08	1.12	0.74	0.82	0.76	185	5.32
26	22.4	26.5	26.9	18.9	23.1	24.2	1.08	1.09	1.13	0.75	0.83	0.77	179	5.33
27	22.7	26.9	27.4	19.0	23.5	24.6	1.09	1.11	1.14	0.75	0.83	0.78	180	5.46
28	22.0	26.1	26.7	18.4	22.9	24.0	1.03	1.04	1.07	0.71	0.79	0.73	162	4.53
29	22.1	26.6	27.2	18.6	23.0	24.4	1.04	1.07	1.10	0.72	0.81	0.75	190	5.39
30	22.1	26.7	27.3	18.5	23.1	24.5	1.04	1.06	1.09	0.71	0.80	0.75	189	5.31
Monthly Total	673.6	753.1	748.2	571.0	653.9	672.2	31.52	30.54	31.05	21.77	23.03	21.14	3844	110.36
YTD ¹ Total	6320.6	6551.0	6310.7	5360.3	5541.6	5500.0	302.09	279.85	279.34	209.51	209.19	189.50	34601.06	1087.87

¹ Year To Date

Note: Total Solar Radiation - (290-3000 nm) Ultraviolet Solar Radiation - (295-385 nm).

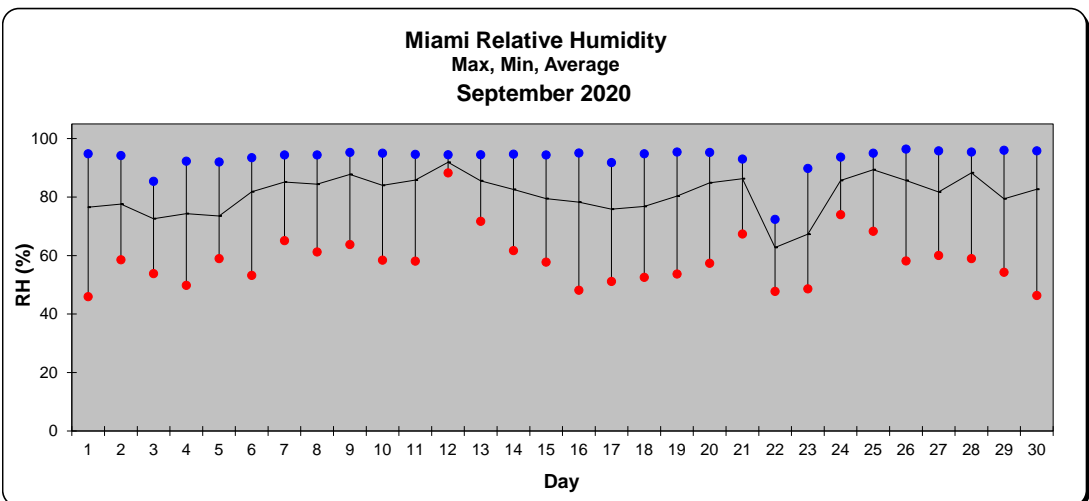
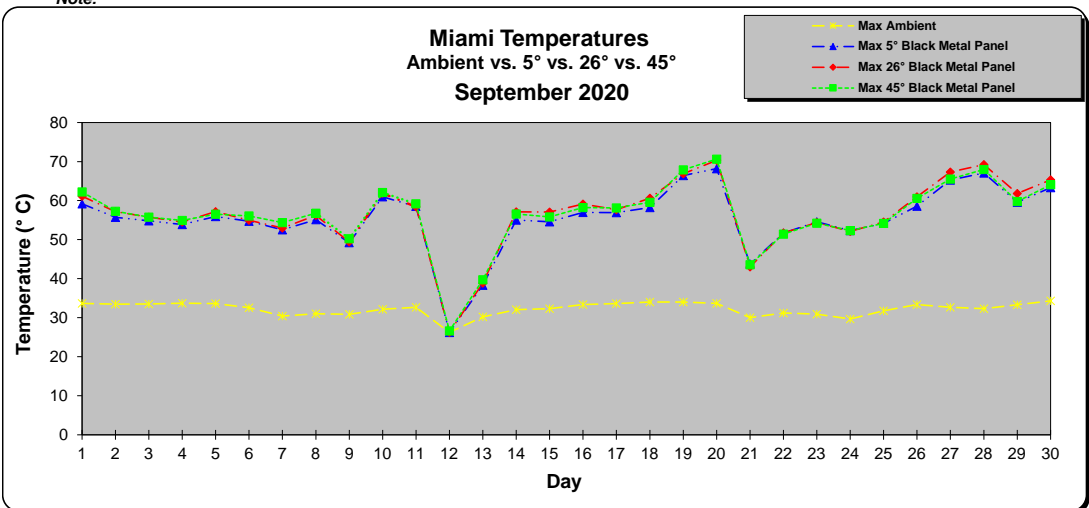




Latitude 25° 34' North, Longitude 80° 28' West, Elevation 2 (m)

AWSG Month	Temperature Summary												Climate Summary						
	Ambient Temperature (° C)			Black Metal Panel Temperature (ASTM G179) (° C)									Relative Humidity (%)			Wind Speed (m/sec)		Wind Direction (360°/0°=N)	Rainfall (mm)
September	° C			5 °			26 °			45 °			%			m/sec		°	Total
Day	Max	Min	Avg.	Max	Min	Avg.	Max	Min	Avg.	Max	Min	Avg.	Max	Min	Avg.	Max	Avg.	360°/0°=N	(mm)
1	34	24	28	59	23	34	61	23	34	62	22	34	95	46	77	6.0	0.0	233°	0.0
2	33	24	29	56	22	33	57	22	33	57	22	33	94	59	78	6.9	0.0	230°	0.0
3	34	27	30	55	26	35	56	26	35	56	25	35	85	54	73	5.9	0.1	273°	0.0
4	34	26	30	54	24	34	55	24	34	55	24	34	92	50	74	6.8	0.0	244°	0.0
5	34	24	29	56	23	33	57	23	33	57	23	33	92	59	73	8.3	0.1	215°	2.5
6	33	24	27	55	22	31	55	22	31	56	22	31	94	53	82	8.0	0.2	210°	7.4
7	30	23	26	53	22	29	53	22	29	54	22	29	94	65	85	5.7	0.0	226°	5.1
8	31	24	27	55	22	29	56	23	29	57	22	29	94	61	84	5.5	0.0	217°	0.0
9	31	24	26	49	23	28	49	23	28	50	23	28	95	64	88	3.9	0.0	236°	16.0
10	32	24	27	61	23	31	62	23	31	62	23	31	95	58	84	5.5	0.0	205°	2.3
11	33	25	27	58	24	31	58	24	31	59	23	31	95	58	86	5.3	0.1	176°	3.3
12	26	24	25	26	23	25	26	23	24	27	23	25	95	88	92	13.6	0.1	291°	47.2
13	30	24	27	38	23	28	39	23	28	40	23	29	95	72	86	6.7	0.0	281°	5.6
14	32	25	28	55	23	31	57	23	31	57	23	31	95	62	83	5.4	0.0	273°	0.0
15	32	24	28	55	23	33	57	23	33	56	22	33	94	58	79	6.0	0.0	258°	0.0
16	33	24	28	57	22	33	59	22	33	58	22	33	95	48	78	6.5	0.0	256°	0.0
17	34	25	29	57	23	33	58	23	33	58	23	33	92	51	76	5.8	0.0	215°	0.0
18	34	24	29	58	23	33	61	23	33	60	23	33	95	53	77	4.7	0.0	191°	0.0
19	34	24	28	66	22	32	67	22	32	68	22	32	95	54	80	4.2	0.0	169°	0.0
20	34	24	27	68	22	30	70	22	30	71	22	30	95	57	85	4.6	0.0	170°	32.8
21	30	25	27	44	24	27	43	24	27	44	24	27	93	67	86	6.1	0.0	67°	24.9
22	31	25	28	52	23	31	52	24	31	51	23	31	72	48	63	6.2	0.6	63°	0.0
23	31	21	26	55	19	30	54	19	30	54	19	29	90	49	67	5.4	0.0	80°	0.0
24	30	25	26	52	23	28	52	23	27	52	22	27	94	74	86	5.5	0.0	99°	7.9
25	32	25	27	54	23	28	55	23	28	54	23	28	95	68	89	7.4	0.0	151°	45.7
26	33	24	27	59	22	30	61	22	30	61	22	30	96	58	86	4.2	0.0	179°	14.2
27	33	23	27	65	22	32	67	22	32	66	22	32	96	60	82	4.0	0.0	125°	0.0
28	32	24	26	67	22	29	69	22	29	68	22	28	95	59	88	5.6	0.0	135°	25.7
29	33	23	28	60	22	32	62	22	32	60	22	32	96	54	79	4.3	0.0	146°	0.0
30	34	23	27	63	22	31	65	22	32	64	21	31	96	46	83	4.0	0.0	123°	10.7
Monthly Avg.	32	24	28	55	23	31	56	23	31	56	23	31	93	58	81	5.9	0.0	191°	
Monthly Total																			251.2
YTD [†] Avg.	31	21	25	53	19	29	55	19	29	55	19	29	93	52	76	19.8	0.3	216°	
YTD [†] Total																			1308.1

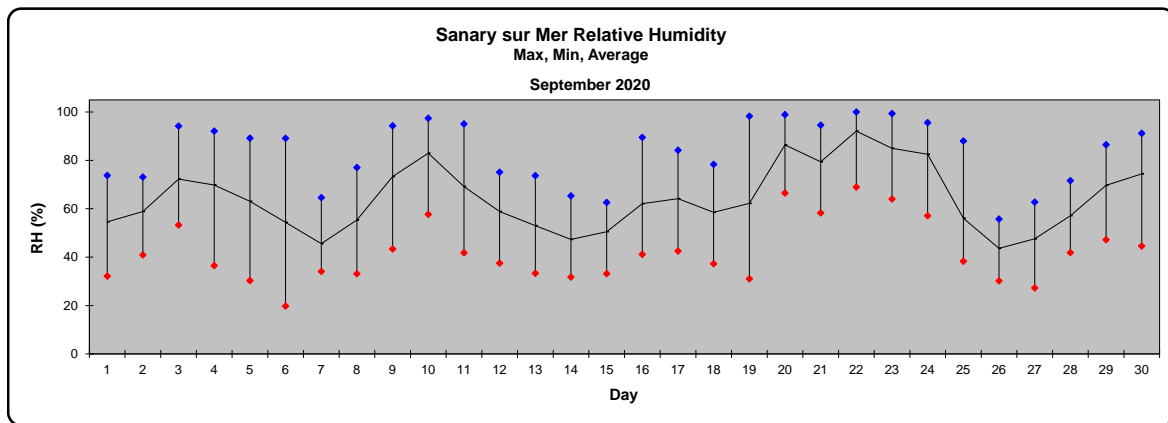
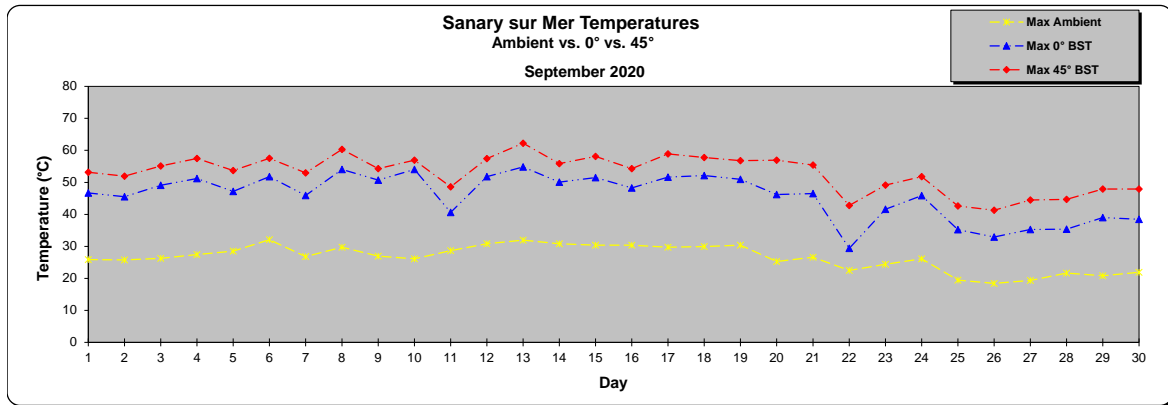
[†] Year To Date
Note:



AWSG		Temperature Summary																		Climate Summary								
Month	Ambient Temperature			Black Standard Temperature BST (°C)						Black Panel Temperature BPT (°C)						Black Metal Panel Temperature (ASTM G179) (°C)						Relative Humidity (%)			Wind Speed (m/s)		Wind Direction 360°/90°=N	Rainfall (mm)
September	°C			0°			45°			0°			45°			0°			45°									
Day	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Avg	Avg	Total
1	26	14	20	47	11	24	53	12	26	42	11	23	46	11	24	49	11	24	54	11	26	74	32	55	4.9	0.8	258°	0.0
2	26	15	21	46	13	25	52	13	27	44	12	24	46	12	25	50	12	25	53	13	27	73	41	59	4.2	0.8	314°	0.0
3	26	16	21	49	13	26	55	14	28	44	13	25	49	13	26	50	13	26	55	14	27	94	53	72	4.5	0.8	70°	0.0
4	27	17	21	51	14	27	58	15	29	47	13	26	52	13	27	52	14	27	57	14	28	92	36	70	4.3	0.9	59°	0.0
5	29	16	22	47	13	26	54	14	28	42	12	25	46	11	25	48	12	26	53	13	27	89	30	63	5.5	0.9	283°	0.0
6	32	17	23	52	15	28	58	15	30	48	14	26	52	14	27	53	15	28	58	15	29	89	20	54	7.1	1.1	272°	0.0
7	27	15	22	46	13	26	53	14	29	44	13	25	48	12	26	49	13	27	53	14	28	65	34	46	5.1	1.0	225°	0.0
8	30	18	24	54	16	29	60	17	31	50	15	27	56	15	29	55	16	28	59	16	30	77	33	55	7.0	0.8	68°	0.0
9	27	19	23	51	17	26	54	18	27	46	17	25	49	17	26	53	17	26	56	18	26	94	43	73	7.4	1.4	81°	0.5
10	26	19	21	54	17	23	57	17	25	50	17	23	52	17	23	57	17	24	59	17	24	97	58	83	3.4	0.5	20°	3.8
11	29	19	23	41	18	24	49	19	26	47	17	24	49	18	25	50	17	25	53	18	25	95	42	69	3.7	0.4	26°	2.0
12	31	20	25	52	18	29	57	19	32	49	18	28	54	18	30	52	18	29	57	18	31	75	38	59	3.9	0.7	340°	0.0
13	32	21	26	55	18	31	62	19	34	51	18	30	59	18	32	55	18	31	61	18	33	74	33	53	5.0	0.7	61°	0.0
14	31	22	26	50	19	30	56	20	32	46	19	29	51	19	31	49	19	29	56	19	31	65	32	47	7.8	1.2	67°	0.0
15	30	21	25	51	19	30	58	19	32	47	18	29	53	18	30	51	18	29	58	19	31	63	33	51	5.8	0.8	58°	0.0
16	30	19	24	48	17	28	54	18	30	42	16	26	47	16	28	48	17	27	54	17	29	90	41	62	4.9	0.8	299°	0.0
17	30	19	24	52	17	29	59	17	31	47	16	27	54	16	29	51	16	28	58	17	30	84	43	64	5.1	0.8	63°	0.0
18	30	19	24	52	16	29	58	17	31	50	16	28	56	16	29	54	16	28	61	17	30	78	37	59	5.3	0.8	85°	0.0
19	30	18	24	51	16	28	57	16	30	47	15	27	52	15	28	50	17	28	57	17	29	98	31	62	7.8	1.8	88°	49.0
20	25	18	21	46	17	23	57	17	26	47	17	23	53	16	24	50	17	24	56	17	25	99	66	86	6.2	1.0	68°	5.1
21	27	18	21	47	16	25	55	16	28	46	16	24	52	16	26	50	16	25	57	16	27	95	58	79	4.3	0.7	338°	0.0
22	22	15	18	29	15	18	43	16	20	38	15	19	44	15	20	42	15	20	47	15	20	100	69	92	3.8	0.3	34°	59.9
23	24	17	20	42	15	23	49	16	26	38	15	22	43	16	24	43	15	23	49	16	25	99	64	85	5.1	0.8	317°	0.0
24	26	16	21	46	14	24	52	15	26	44	14	24	48	14	25	50	14	24	56	14	26	96	57	83	4.2	0.7	295°	0.0
25	19	12	16	35	11	18	43	11	20	31	11	17	36	6	18	37	10	18	44	10	19	88	38	56	10.4	1.8	270°	0.8
26	18	11	14	33	10	17	41	10	19	29	10	16	35	9	17	35	9	17	41	10	19	56	30	44	11.9	2.2	269°	0.0
27	19	8	14	35	5	16	45	6	18	32	5	16	38	4	16	38	5	16	45	6	18	63	27	48	7.8	1.2	287°	0.0
28	22	11	15	35	10	18	45	10	20	33	10	17	38	10	18	37	9	18	45	10	19	72	42	57	10.9	1.7	265°	0.0
29	21	11	15	39	8	19	48	9	22	36	8	18	43	3	19	42	8	19	49	8	21	87	47	70	4.0	0.6	59°	0.0
30	22	12	16	38	9	19	48	10	22	35	9	18	42	8	20	40	9	19	48	9	22	91	45	74	4.0	0.6	341°	0.0
Monthly Avg.	27	16	21	46	14	25	53	15	27	43	14	24	48	14	25	48	14	25	54	14	26	84	42	64	5.8	1.0	176°	
Monthly Total																												121.2
YTD [†] Avg.	23	13	18	42	11	22	47	11	23	38	10	21	42	10	21	43	10	21	47	11	22	84	41	62	6.0	1.1	179°	
YTD [†] Total																												283.5

[†] Year To Date

Note: *No data available

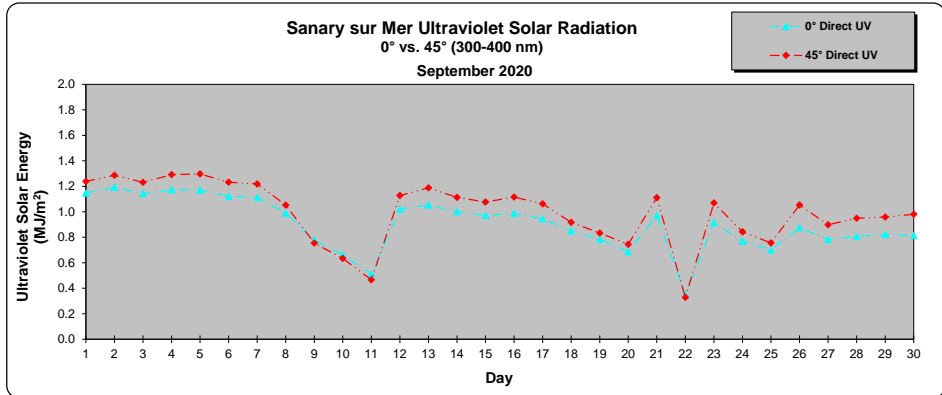
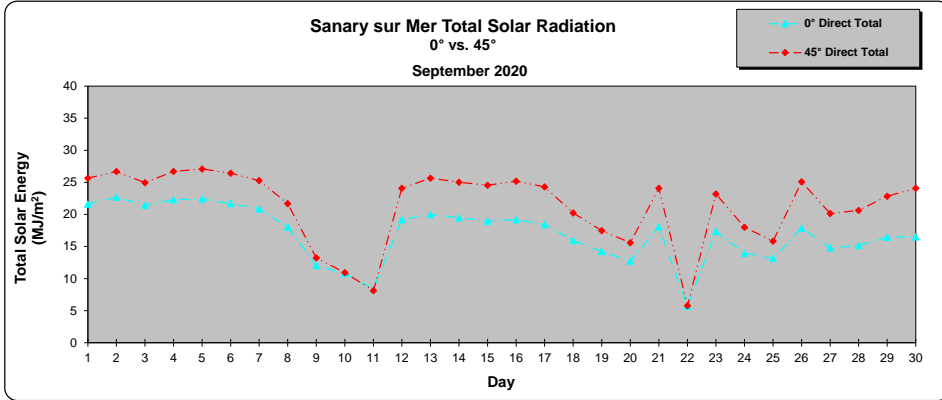


Solar Radiation Summary
September 2020
Sanary sur Mer, France

Latitude 43° 08' North, Longitude 05° 49' East, Elevation 110 (m)

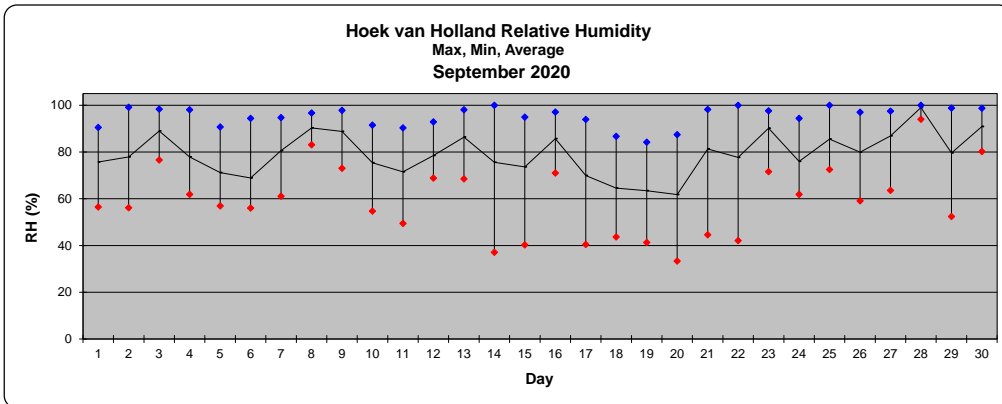
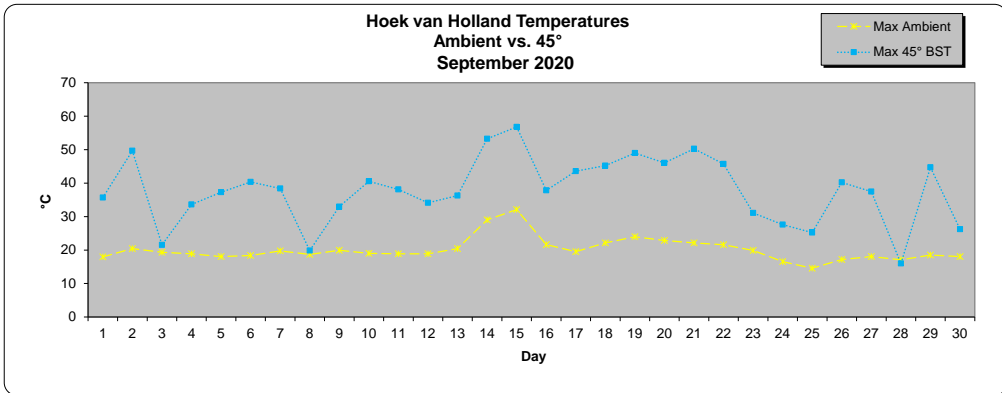
Month	Solar Radiation Summary					
	Total Solar Radiation (MJ/m ²)		Ultraviolet Solar Radiation (MJ/m ²)			
	Direct		295-385 nm		300-400 nm	
September	0°	45°	0°	45°	0°	45°
1	21.6	25.7	0.88	0.94	1.15	1.24
2	22.7	26.7	0.91	0.98	1.19	1.29
3	21.4	25.0	0.87	0.94	1.14	1.23
4	22.3	26.7	0.90	0.98	1.17	1.29
5	22.4	27.1	0.89	0.99	1.17	1.30
6	21.7	26.4	0.86	0.94	1.12	1.23
7	20.9	25.3	0.85	0.93	1.11	1.22
8	18.0	21.7	0.76	0.80	0.99	1.05
9	12.0	13.2	0.59	0.57	0.78	0.75
10	10.8	10.9	0.51	0.48	0.66	0.63
11	8.4	8.1	0.39	0.35	0.51	0.47
12	19.2	24.1	0.78	0.86	1.02	1.13
13	20.0	25.7	0.80	0.90	1.05	1.19
14	19.5	25.0	0.76	0.85	1.00	1.11
15	19.0	24.6	0.74	0.82	0.97	1.08
16	19.2	25.2	0.75	0.85	0.99	1.12
17	18.4	24.3	0.72	0.81	0.95	1.06
18	16.0	20.2	0.65	0.70	0.85	0.92
19	14.2	17.5	0.60	0.64	0.79	0.83
20	12.7	15.6	0.52	0.57	0.69	0.75
21	18.1	24.1	0.74	0.85	0.97	1.11
22	5.7	5.8	0.27	0.25	0.35	0.33
23	17.4	23.2	0.70	0.81	0.92	1.07
24	14.0	18.0	0.59	0.64	0.77	0.84
25	13.2	15.8	0.53	0.58	0.70	0.76
26	17.9	25.1	0.67	0.80	0.88	1.05
27	14.8	20.1	0.60	0.68	0.78	0.90
28	15.2	20.6	0.62	0.72	0.81	0.95
29	16.5	22.9	0.63	0.73	0.82	0.96
30	16.5	24.1	0.62	0.75	0.81	0.98
Monthly Total	509.4	638.5	20.68	22.70	27.11	29.83
YTD¹ Total	5082.0	5619.0	63.34	64.75	269.21	272.39

¹ Year To Date Total Solar Radiation - (290-3000 nm) Ultraviolet Solar Radiation - (295-385 nm) or (300-400 nm).
Note: * No data available



AWSG	Temperature Summary						Climate Summary						
	Ambient Temperature			Black Metal Panel Temperature (ASTM G179) (°C)			Relative Humidity			Wind Speed		Wind Direction	Rainfall
Month	°C			45 °			%			(m/s)		360°/0°= N	(mm)
September	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Avg	Avg	Total
1	18	11	15	36	5	13	91	56	76	4.6	1.3	335°	0.0
2	20	10	16	50	3	18	99	56	78	5.7	1.8	302°	0.0
3	19	14	17	22	10	14	98	77	89	13.0	6.1	258°	6.9
4	19	18	18	34	14	17	98	62	78	10.3	4.0	54°	0.3
5	18	13	16	37	8	16	91	57	71	9.5	4.8	271°	4.6
6	18	13	16	40	8	17	94	56	69	7.7	4.0	345°	2.8
7	20	13	17	38	7	19	95	61	81	8.7	3.8	181°	0.3
8	19	17	18	20	13	15	97	83	90	8.0	3.8	69°	0.0
9	20	13	18	33	6	16	98	73	89	9.3	4.1	42°	0.5
10	19	11	15	41	4	13	92	55	75	5.2	1.3	136°	0.0
11	19	12	16	38	6	17	90	49	72	6.1	2.0	44°	0.0
12	19	15	17	34	11	16	93	69	79	9.2	4.1	55°	0.0
13	20	14	17	36	8	19	98	68	86	9.0	3.4	70°	0.0
14	29	13	20	53	8	24	100	37	76	4.0	1.0	6°	0.0
15	32	16	23	57	11	27	95	40	74	5.9	1.2	48°	0.0
16	22	14	19	38	9	18	97	71	86	10.0	4.1	264°	0.0
17	20	10	15	44	4	17	94	40	70	8.8	3.5	309°	0.0
18	22	8	15	45	0	17	87	44	65	8.8	2.5	326°	0.0
19	24	9	16	49	2	20	84	41	63	6.5	2.3	324°	0.0
20	23	11	16	46	4	19	87	33	62	7.1	2.6	315°	0.0
21	22	10	16	50	3	18	98	45	81	6.1	1.8	283°	0.0
22	22	10	17	46	4	19	100	42	78	6.0	1.5	105°	0.3
23	20	15	17	31	11	15	98	72	90	13.2	4.7	89°	17.0
24	17	13	15	28	8	13	94	62	76	15.3	6.1	101°	0.0
25	15	10	12	25	5	9	100	73	86	21.4	8.0	80°	20.1
26	17	11	14	40	6	14	97	59	80	13.6	4.1	132°	21.8
27	18	13	15	37	9	15	98	64	87	17.9	5.0	212°	8.4
28	17	14	16	16	10	13	100	94	99	9.0	3.9	330°	6.9
29	19	14	16	45	9	17	99	52	80	7.0	2.9	239°	0.0
30	18	14	16	26	9	14	99	80	91	8.7	3.7	147°	0.0
Monthly Avg.	20	13	16	38	7	17	95	59	79	9.2	3.5	182°	
Monthly Total													89.7
YTD¹ Avg.	17	10	13	32	4	14	92	57	76	10.4	4.2	173°	
YTD¹ Total													577.3

¹ Year To Date For Pollution (SO2, NOx, O3) visit www.lml.rivm.nl
Note: = 5 year average



North Sea Corrosion Test Centre

Solar Radiation Summary

September 2020

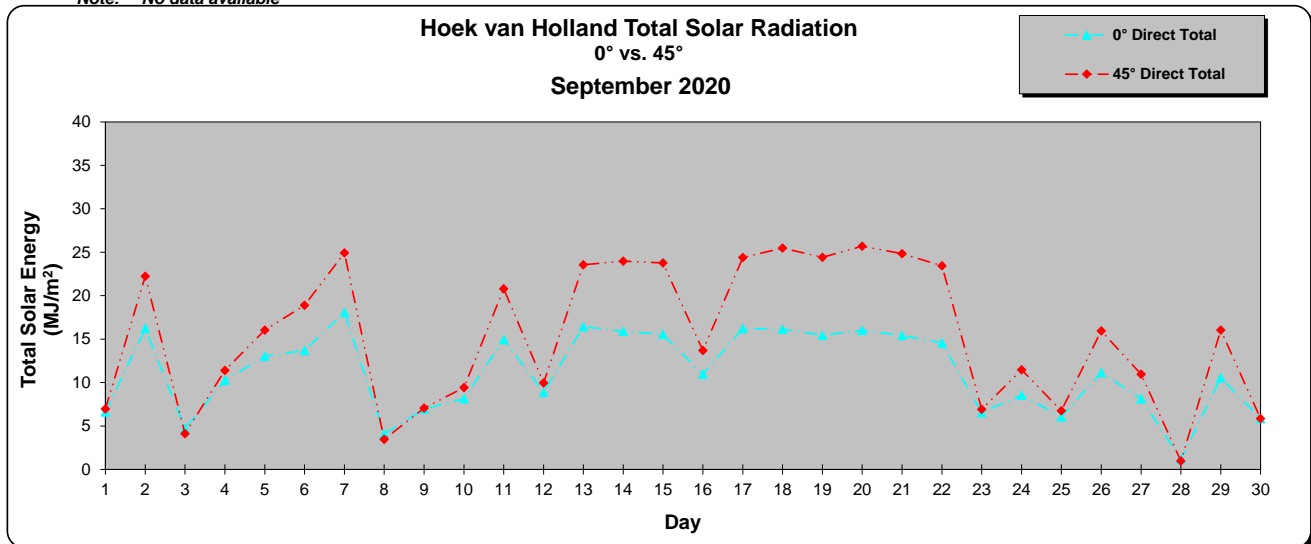
Hoek van Holland, The Netherlands

Latitude 51° 57' North, Longitude 04° 10' East Elevation 6 (m)

AWSG		Solar Radiation Summary	
Month	Total Solar Radiation (MJ/m ²)		
September	Direct		
Day	0°	45°	
1	6.6	7.0	
2	16.2	22.2	
3	4.7	4.1	
4	10.2	11.4	
5	13.0	16.1	
6	13.7	18.9	
7	18.1	24.9	
8	4.1	3.5	
9	6.9	7.1	
10	8.2	9.4	
11	15.0	20.8	
12	8.9	10.0	
13	16.4	23.6	
14	15.9	24.0	
15	15.6	23.8	
16	11.0	13.7	
17	16.2	24.4	
18	16.2	25.5	
19	15.4	24.4	
20	16.0	25.7	
21	15.4	24.8	
22	14.6	23.5	
23	6.6	6.9	
24	8.5	11.5	
25	6.1	6.8	
26	11.1	15.9	
27	8.1	11.0	
28	1.2	1.0	
29	10.5	16.1	
30	5.9	5.9	
Monthly Total	336.2	463.6	
YTD[†] Total	3814.4	4531.1	

[†] Year To Date Total Solar Radiation - (290-3000nm)

Note: * No data available

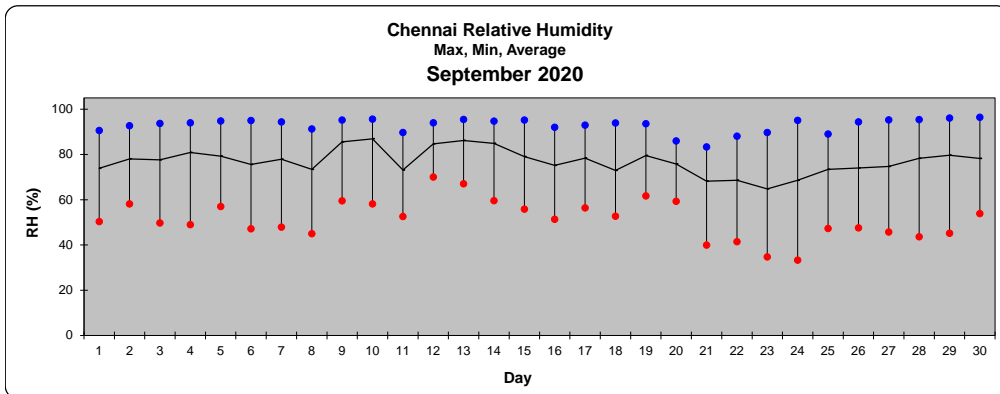
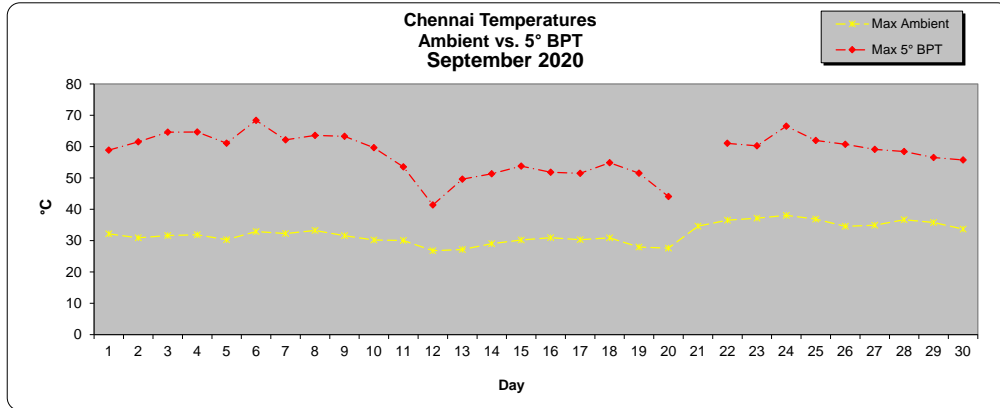


Latitude 12° 35' North, Longitude 79° 48' East Elevation 45 (m)

AWSG	Temperature Summary						Climate Summary						
	Ambient Temperature			Black Metal Panel Temperature (ASTM G179) (°C)			Relative Humidity			Wind Speed		Wind Direction	Rainfall
Month	° C			5 °			%			(m/s)		360°/0°= N	(mm)
September	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Avg	Avg	Total
1	32	22	26	59	24	33	91	50	74	6.3	1.2	298°	0.0
2	31	23	26	62	25	32	93	58	78	3.7	0.7	101°	0.0
3	32	22	26	65	23	33	94	50	78	*	0.7	61°	0.0
4	32	23	25	65	24	32	94	49	81	4.3	0.7	58°	1.5
5	30	22	25	61	24	31	95	57	79	4.1	0.7	45°	0.0
6	33	21	26	68	23	35	95	47	76	5.3	0.7	78°	0.0
7	32	22	26	62	24	32	94	48	78	4.7	0.9	313°	0.0
8	33	22	26	64	23	33	91	45	73	*	0.8	337°	0.3
9	32	20	24	63	23	31	95	60	86	5.4	0.8	120°	46.0
10	30	21	24	60	24	30	96	58	87	3.5	0.6	209°	31.5
11	30	22	26	54	24	33	90	53	73	4.3	0.8	244°	0.0
12	27	21	24	41	24	28	94	70	85	4.6	0.5	249°	5.6
13	27	21	24	50	24	28	96	67	86	5.0	0.8	229°	2.8
14	29	21	24	51	23	29	95	60	85	*	0.8	241°	5.1
15	30	22	25	54	24	32	95	56	79	3.1	0.6	207°	0.0
16	31	23	26	52	25	33	92	51	75	3.6	0.8	268°	0.0
17	30	23	26	51	25	32	93	56	78	3.9	0.6	213°	0.0
18	31	22	27	55	24	33	94	53	73	4.6	0.9	245°	0.0
19	28	22	25	52	24	30	94	62	80	4.0	1.0	265°	2.0
20	28	22	24	44	24	28	86	59	76	5.9	1.3	234°	0.0
21	35	*	27	*	*	*	83	40	68	*	0.7	276°	0.0
22	37	25	30	61	23	34	88	41	69	*	0.9	29°	0.0
23	37	24	30	60	21	35	90	35	65	*	1.0	216°	0.0
24	38	25	31	67	23	36	95	33	69	3.9	0.8	24°	0.0
25	37	25	30	62	23	33	89	47	73	*	0.8	257°	0.0
26	35	25	29	61	23	33	94	48	74	4.9	0.8	324°	0.5
27	35	26	30	59	24	32	95	46	75	4.8	0.9	315°	0.0
28	37	25	29	58	22	32	95	44	78	*	1.0	297°	2.0
29	36	23	28	57	22	31	96	45	80	6.9	1.1	287°	21.1
30	34	24	28	56	23	31	96	54	78	4.8	1.1	277°	3.3
Monthly Avg.	32	23	27	58	23	32	93	51	77	4.6	0.8	211°	
Monthly Total													121.7
YTD ¹ Avg.	32	21	26	60	22	33	92	45	74	5.1	0.9	159°	
YTD ¹ Total													474.2

¹ Year To Date

Note: * Data Unavailable



**Solar Radiation Summary
September 2020
Chennai, India**

Latitude 12° 35' North, Longitude 79° 48' East Elevation 45 (m)

Month	Solar Radiation Summary		
	Total Solar Radiation (MJ/m ²)	Ultraviolet Solar Radiation (MJ/m ²)	
September	Direct	295-385 nm	300-400 nm
Day	5°	5°	
1	17.6	0.77	0.86
2	13.5	0.60	0.67
3	16.4	0.71	0.79
4	16.8	0.73	0.82
5	12.9	0.60	0.67
6	21.1	0.84	0.94
7	15.5	0.68	0.76
8	16.7	0.75	0.83
9	14.9	0.66	0.74
10	13.23	0.62	0.69
11	16.7	0.73	0.82
12	6.6	0.36	0.40
13	11.5	0.55	0.61
14	13.0	0.61	0.68
15	14.5	0.66	0.73
16	16.0	0.71	0.80
17	12.8	0.59	0.66
18	17.3	0.76	0.84
19	10.2	0.49	0.55
20	8.2	0.42	0.47
21	12.7	0.60	0.67
22	22.8	1.16	1.30
23	25.8	1.28	1.43
24	25.6	1.27	1.42
25	16.2	0.88	0.98
26	18.8	1.02	1.14
27	15.7	0.85	0.95
28	18.9	1.01	1.13
29	18.9	1.00	1.11
30	19.1	0.99	1.11
Monthly Total	479.8	22.89	25.55
YTD¹ Total	5384.0	233.71	260.89

¹ Year To Date Total Solar Radiation - (290-3000nm)

Note:

