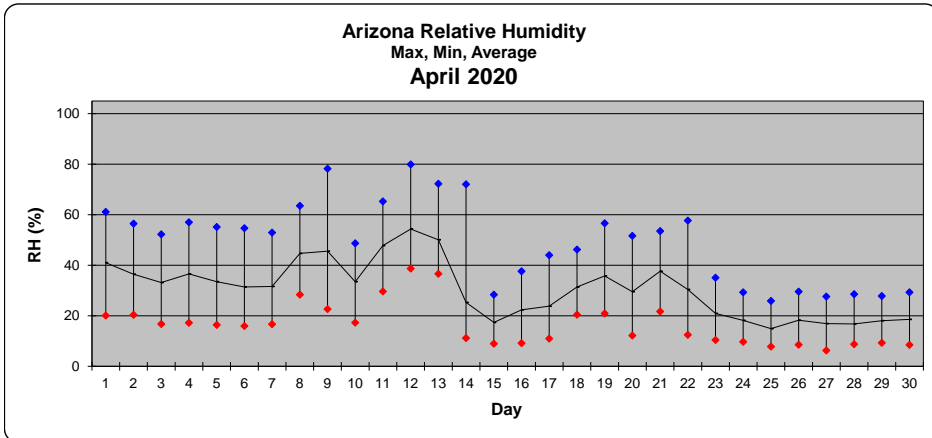
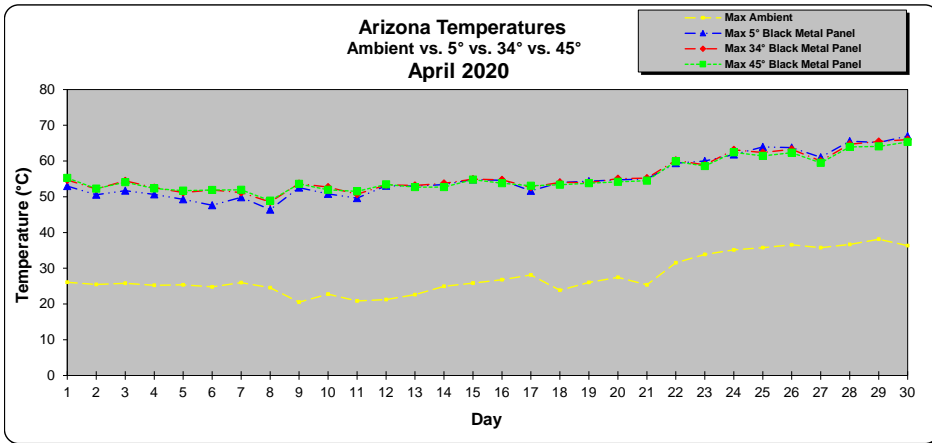


Latitude 33° 54' North, Longitude 112° 08' West, Elevation 610 (m)

AWSG	Temperature Summary												Climate Summary						
Month	Ambient Temperature			Black Metal Panel Temperature (ASTM G179) (° C)									Relative Humidity			Wind Speed		Wind Direction	Rainfall
April	(° 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	26	13	19	53	11	24	55	11	24	55	12	25	61	20	41	6.2	1.5	43°	0.0
2	25	10	18	51	7	23	52	8	24	52	8	24	57	20	36	7.0	1.6	270°	0.0
3	26	12	19	52	10	24	54	10	25	54	10	25	52	17	33	8.1	2.1	17°	0.0
4	25	9	18	51	6	23	53	7	24	52	7	24	57	17	37	8.6	1.6	52°	0.0
5	25	10	18	49	7	23	51	8	23	52	8	24	55	16	33	7.4	1.5	86°	0.0
6	25	9	18	48	7	22	52	7	23	52	8	23	55	16	31	7.4	1.7	192°	0.0
7	26	8	18	50	7	23	51	7	24	52	7	24	53	17	32	9.4	1.6	54°	0.0
8	25	11	17	46	7	20	49	7	20	49	8	21	64	28	45	9.9	2.3	260°	0.0
9	21	6	14	53	4	20	54	4	20	54	5	21	78	23	46	7.4	1.3	13°	0.0
10	23	9	16	51	7	22	53	8	22	52	8	22	49	17	34	10.7	1.9	9°	0.0
11	21	10	15	50	8	19	51	8	20	52	8	20	65	30	48	9.4	1.5	165°	0.0
12	21	8	15	53	6	19	53	6	19	53	7	20	80	39	54	6.4	1.3	192°	0.0
13	23	12	17	53	9	21	53	10	21	53	10	21	72	37	50	10.1	1.5	133°	0.0
14	25	11	18	53	9	23	54	10	23	53	10	23	72	11	25	14.1	3.4	2°	0.3
15	26	12	19	55	11	24	55	11	25	55	11	25	28	9	17	10.5	2.8	40°	0.0
16	27	11	19	55	8	25	55	9	25	54	9	25	38	9	22	8.2	1.9	75°	0.0
17	28	11	20	52	9	24	53	9	25	53	9	25	44	11	24	9.6	2.2	152°	0.0
18	24	11	17	54	8	23	54	9	23	53	9	23	46	20	31	8.8	1.6	97°	0.0
19	26	11	19	54	9	25	54	10	25	54	10	25	57	21	36	6.3	1.7	70°	0.0
20	27	13	21	55	11	26	55	11	26	54	11	27	52	12	30	13.3	1.6	160°	0.0
21	25	13	19	55	10	24	55	10	24	55	11	24	54	22	38	15.1	2.2	46°	0.0
22	32	14	23	59	11	29	60	11	29	60	12	28	58	12	30	11.0	2.3	343°	0.0
23	34	17	26	60	13	31	59	14	31	59	14	31	35	10	21	10.4	2.6	324°	0.0
24	35	19	27	62	17	33	63	17	32	62	18	32	29	10	18	7.6	2.7	341°	0.0
25	36	22	28	64	20	34	62	20	34	61	20	34	26	8	15	11.8	2.9	14°	0.0
26	37	20	28	64	16	34	63	17	34	62	17	34	30	9	18	8.0	2.0	73°	0.0
27	36	21	28	61	19	34	60	20	33	60	20	33	28	6	17	9.2	1.8	0°	0.0
28	37	18	28	66	15	34	65	16	34	64	16	34	29	9	17	6.7	1.8	54°	0.0
29	38	21	30	65	18	36	65	19	36	64	19	36	28	9	18	6.8	1.8	71°	0.0
30	36	22	29	67	20	33	66	21	33	65	21	33	29	9	19	8.4	1.7	3°	0.0
Monthly Avg.	28	13	21	55	11	26	56	11	26	56	11	26	49	16	31	9.1	1.9	112°	0.3
Monthly Total																			
YTD [†] Avg.	22	9	15	44	7	18	48	7	20	49	7	20	62	23	42	8.7	2.1	76°	147.8
YTD [†] Total																			

[†] Year To Date

Note:





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Miami, Florida

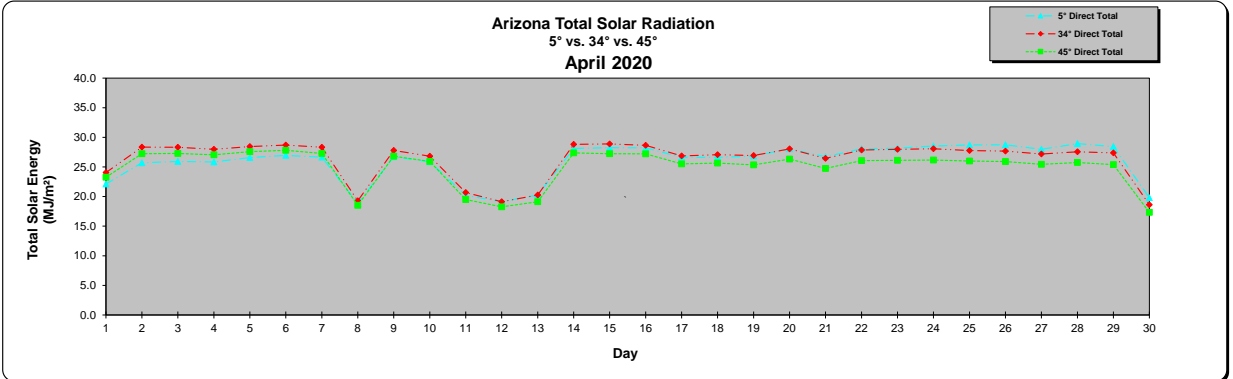
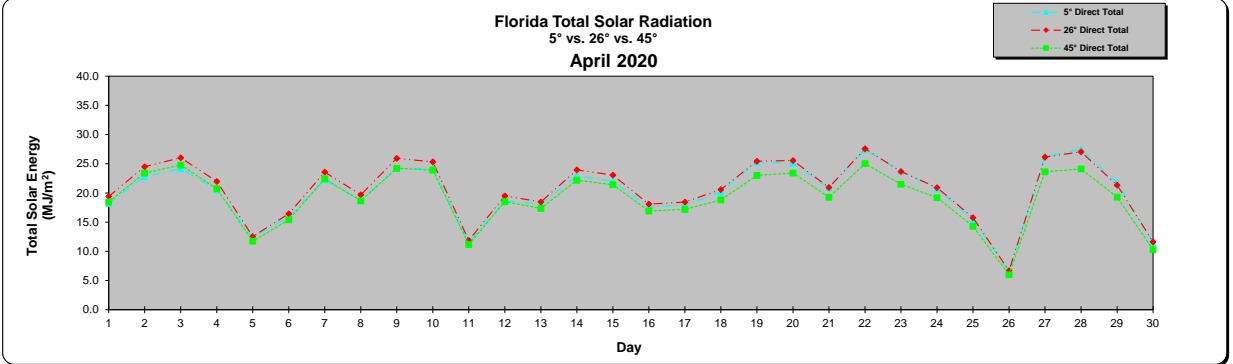
Solar Radiation Summary
April 2020

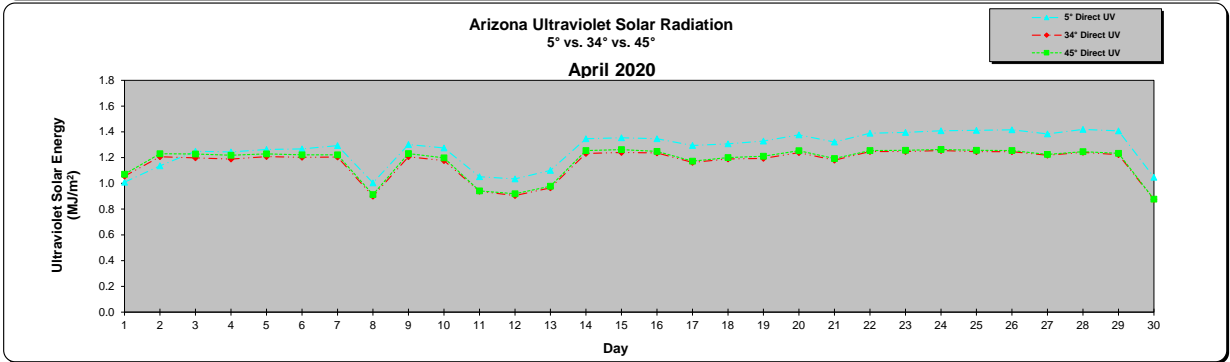
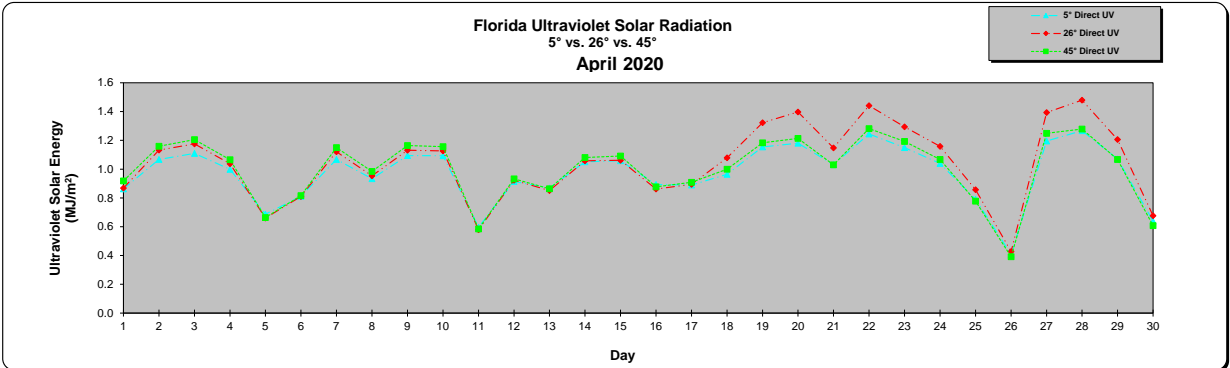
Phoenix, Arizona

Solar Radiation Summary												
Month	Total Solar Radiation (MJ/m2)						Ultraviolet Solar Radiation (MJ/m ²)					
	Direct			Underglass			Direct			Underglass		
Day	5°	26°	45°	5°	26°	45°	5°	26°	45°	5°	26°	45°
1	18.2	19.4	18.5	15.6	15.2	11.4	0.86	0.87	0.92	0.70	0.56	0.44
2	22.8	24.5	23.4	20.1	19.9	15.1	1.07	1.13	1.16	0.93	0.74	0.59
3	24.1	26.0	24.8	21.2	21.0	16.1	1.11	1.18	1.20	0.96	0.76	0.62
4	20.6	22.0	20.7	18.2	17.6	13.5	1.00	1.04	1.07	0.86	0.67	0.54
5	12.4	12.5	11.7	10.5	9.6	7.3	0.69	0.66	0.66	0.57	0.43	0.32
6	15.9	16.4	15.4	13.9	13.1	9.9	0.81	0.81	0.82	0.69	0.53	0.41
7	22.3	23.6	22.4	19.7	19.1	14.5	1.07	1.12	1.15	0.93	0.73	0.58
8	18.7	19.7	18.6	16.4	15.8	12.1	0.93	0.95	0.98	0.79	0.62	0.49
9	24.2	25.9	24.2	21.6	20.8	15.7	1.09	1.13	1.16	0.93	0.74	0.59
10	24.1	25.3	23.9	21.3	20.5	15.5	1.09	1.13	1.16	0.94	0.73	0.58
11	11.5	11.9	11.1	9.8	9.1	6.9	0.60	0.58	0.58	0.50	0.38	0.29
12	18.6	19.5	18.5	16.5	15.8	12.0	0.91	0.92	0.93	0.79	0.60	0.47
13	18.1	18.5	17.4	15.8	14.7	11.1	0.87	0.85	0.86	0.72	0.55	0.42
14	22.9	24.0	22.2	20.1	18.9	14.1	1.05	1.06	1.08	0.90	0.69	0.54
15	22.0	23.1	21.4	19.4	18.2	13.9	1.06	1.06	1.09	0.89	0.70	0.54
16	17.6	18.1	16.9	15.7	14.1	10.7	0.89	0.86	0.88	0.73	0.56	0.43
17	17.9	18.4	17.2	15.6	15.0	11.4	0.89	0.89	0.91	0.74	0.58	0.45
18	20.1	20.6	18.8	17.5	16.6	15.1	0.96	1.08	1.00	0.80	0.70	0.46
19	25.3	25.4	23.0	21.5	20.7	18.5	1.15	1.32	1.18	0.97	0.86	0.56
20	25.1	25.6	23.4	22.0	21.3	19.1	1.18	1.40	1.21	1.00	0.77	0.58
21	20.9	20.9	19.3	18.0	17.0	15.2	1.03	1.15	1.03	0.85	0.75	0.48
22	27.4	27.6	25.0	24.0	22.9	19.9	1.24	1.44	1.28	1.03	0.91	0.60
23	23.7	23.7	21.5	20.6	19.2	16.9	1.15	1.29	1.19	0.96	0.84	0.54
24	20.7	20.9	19.2	17.9	17.0	15.4	1.04	1.16	1.07	0.86	0.75	0.49
25	15.5	15.8	14.3	13.3	12.3	11.3	0.79	0.86	0.78	0.66	0.56	0.36
26	6.6	6.7	6.0	5.7	5.2	4.8	0.41	0.43	0.39	0.33	0.28	0.18
27	26.3	26.1	23.6	23.1	21.7	18.9	1.20	1.39	1.25	1.02	0.91	0.58
28	27.5	27.0	24.1	23.9	22.3	19.1	1.27	1.48	1.28	1.09	0.96	0.61
29	21.8	21.3	19.3	18.7	17.2	15.0	1.07	1.21	1.07	0.90	0.78	0.50
30	11.5	11.6	10.3	9.7	8.6	7.8	0.64	0.68	0.61	0.53	0.44	0.28
Monthly Total	604.4	622.0	576.2	527.1	500.5	408.3	29.13	31.13	29.96	24.57	20.08	14.53
YTD ¹ Total	2043.9	2537.8	2571.5	1858.7	2006.3	1707.1	101.55	114.91	116.68	86.69	72.23	59.09

Solar Radiation Summary												
Month	Total Solar Radiation (MJ/m2)						Ultraviolet Solar Radiation (MJ/m ²)					
	Direct			Underglass			Direct			Underglass		
Day	5°	34°	45°	5°	34°	45°	5°	34°	45°	5°	34°	45°
1	22.1	24.1	23.3	19.1	20.4	20.6	1.01	1.06	1.07	0.77	0.78	0.75
2	25.7	28.4	27.2	22.1	23.9	23.9	1.14	1.21	1.23	0.87	0.89	0.86
3	25.9	28.3	27.3	22.2	23.8	23.7	1.25	1.20	1.23	0.87	0.88	0.85
4	25.8	28.0	27.0	22.1	23.6	23.5	1.24	1.19	1.22	0.87	0.87	0.84
5	26.6	28.4	27.6	22.6	24.0	23.9	1.26	1.21	1.23	0.89	0.88	0.86
6	27.0	28.7	27.8	22.9	24.2	24.0	1.27	1.20	1.22	0.88	0.88	0.85
7	26.7	28.3	27.3	22.6	23.8	23.5	1.29	1.20	1.22	0.90	0.91	0.85
8	18.8	19.3	18.5	16.1	16.4	16.0	1.00	0.90	0.91	0.69	0.68	0.62
9	26.7	27.8	26.8	22.6	23.5	23.0	1.30	1.21	1.23	0.91	0.92	0.85
10	25.9	26.8	25.9	22.2	22.9	22.5	1.28	1.18	1.20	0.89	0.89	0.83
11	20.2	20.7	19.5	17.3	17.5	17.2	1.05	0.94	0.94	0.73	0.71	0.66
12	19.1	19.1	18.3	16.2	16.0	15.7	1.03	0.91	0.92	0.71	0.68	0.63
13	20.3	20.3	19.1	17.2	16.9	16.6	1.10	0.97	0.98	0.76	0.73	0.67
14	28.1	28.8	27.4	23.9	24.2	23.5	1.35	1.23	1.26	0.93	0.94	0.86
15	28.3	28.9	27.2	24.2	24.3	23.6	1.35	1.24	1.26	0.95	0.94	0.87
16	28.2	28.7	27.2	24.1	24.1	23.4	1.35	1.24	1.25	0.94	0.94	0.86
17	26.6	26.9	25.5	22.6	22.5	21.9	1.29	1.16	1.17	0.89	0.88	0.80
18	26.6	27.1	25.7	22.8	23.0	22.4	1.31	1.19	1.20	0.92	0.91	0.83
19	26.8	26.9	25.3	22.8	22.5	21.7	1.33	1.19	1.21	0.92	0.90	0.82
20	28.1	28.1	26.3	23.9	23.5	22.7	1.38	1.24	1.25	0.95	0.94	0.85
21	26.7	26.5	24.8	22.8	22.1	21.3	1.32	1.18	1.19	0.92	0.89	0.81
22	28.1	27.9	26.1	24.1	23.5	22.4	1.39	1.25	1.26	0.96	0.94	0.85
23	28.2	28.0	26.1	24.3	23.6	22.6	1.40	1.25	1.26	0.96	0.94	0.85
24	28.5	28.1	26.2	24.4	23.6	22.5	1.41	1.26	1.26	0.97	0.94	0.85
25	28.7	27.8	26.0	24.4	23.5	22.3	1.41	1.25	1.26	0.96	0.94	0.84
26	28.7	27.7	25.9	24.6	23.4	22.3	1.42	1.25	1.26	0.96	0.93	0.83
27	28.0	27.2	25.5	24.0	23.1	22.1	1.38	1.22	1.23	0.94	0.91	0.82
28	28.9	27.6	25.7	24.7	23.3	22.1	1.42	1.24	1.25	0.96	0.93	0.83
29	28.5	27.4	25.4	24.4	23.0	21.7	1.41	1.22	1.23	0.96	0.92	0.82
30	19.8	18.6	17.3	16.8	15.7	14.9	1.05	0.87	0.88	0.71	0.65	0.57
Monthly Total	777.6	789.9	749.1	664.0	665.8	647.5	38.18	34.82	35.26	26.54	26.14	24.04
YTD ¹ Total	2432.2	2708.4	2757.7	1856.8	2289.6	2408.5	100.04	106.17	106.66	71.71	78.99	76.15

¹ Year To Date
Note: Total Solar Radiation - (290-3000 nm) Ultraviolet Solar Radiation - (295-385 nm).







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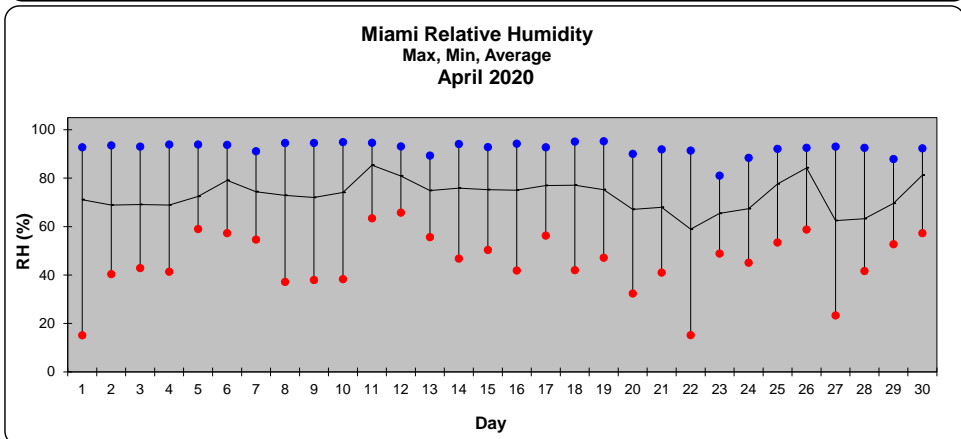
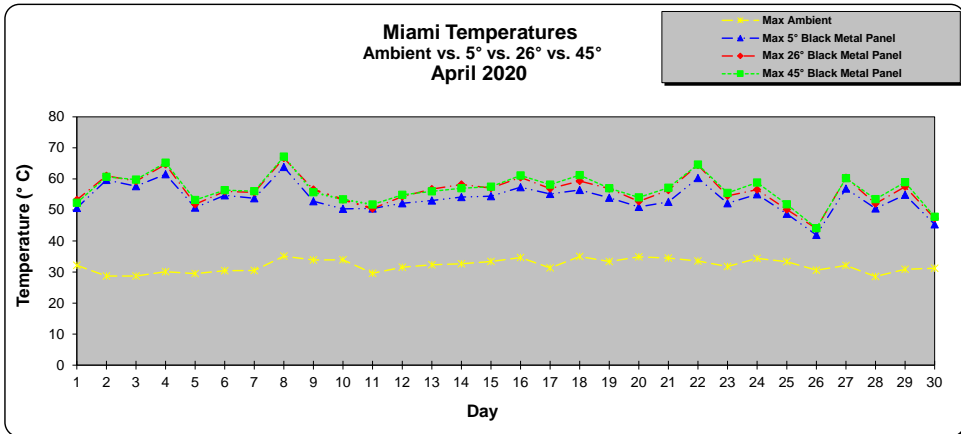
Latitude 25° 34' North, Longitude 80° 28' West, Elevation 2 (m)



Weather Summary April 2020 Miami, Florida

Month	Temperature Summary												Climate Summary						
	Ambient Temperature			Black Metal Panel Temperature (ASTM G179) (° C)									Relative Humidity			Wind Speed		Wind Direction	Rainfall
	(° C)			5 °			26 °			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	32	18	25	51	15	27	53	15	28	52	15	28	93	15	71	19.8	0.0	112°	0.3
2	29	16	22	60	14	26	61	14	27	61	14	27	94	40	69	17.6	0.0	219°	0.0
3	29	16	23	58	14	27	59	14	28	60	14	28	93	43	69	21.9	0.0	236°	0.0
4	30	17	23	62	15	28	65	15	28	65	15	28	94	41	69	18.7	0.0	253°	0.0
5	29	18	24	51	15	26	52	16	26	53	15	26	94	59	72	17.2	0.0	218°	0.0
6	30	21	25	55	21	29	56	21	29	56	21	30	94	57	79	18.3	0.0	232°	0.5
7	30	22	26	54	20	30	56	20	31	56	20	31	91	55	74	19.8	0.0	272°	0.0
8	35	20	26	64	18	30	67	18	31	67	18	31	95	37	73	21.9	0.0	142°	0.0
9	34	20	26	53	18	30	57	18	31	56	18	31	95	38	72	23.4	0.0	85°	0.0
10	34	23	27	50	21	31	53	21	32	53	21	31	95	38	74	25.5	0.3	84°	0.0
11	30	22	25	50	21	27	50	21	27	52	21	27	95	63	85	18.7	0.0	222°	20.8
12	32	24	27	52	23	30	54	23	31	55	23	31	93	66	81	23.4	2.1	295°	0.0
13	32	25	28	53	23	31	57	23	32	56	23	32	89	56	75	18.3	0.7	306°	0.0
14	33	23	27	54	21	31	58	21	32	57	21	32	94	47	76	18.7	0.0	300°	0.0
15	33	23	28	54	21	32	57	21	32	58	21	32	93	50	75	18.3	0.0	175°	0.0
16	35	23	28	57	22	31	61	22	32	61	22	32	94	42	75	22.3	0.0	145°	0.0
17	31	24	27	55	22	30	57	22	31	58	22	31	93	56	77	19.8	0.0	266°	0.0
18	35	22	27	56	21	31	59	21	31	61	20	31	95	42	77	20.8	0.0	174°	0.0
19	33	20	27	54	19	31	57	19	32	57	19	32	95	47	75	20.5	0.0	246°	0.0
20	35	25	29	51	23	32	53	23	33	54	23	33	90	32	67	27.7	0.7	100°	0.0
21	35	20	28	53	17	31	56	17	31	57	17	31	92	41	68	27.0	0.3	82°	0.0
22	34	17	25	60	14	30	64	14	31	65	13	31	91	15	59	19.0	0.0	210°	0.0
23	32	25	28	52	22	31	55	22	32	55	22	32	81	49	65	23.0	3.2	301°	0.0
24	34	26	29	55	25	33	57	25	34	59	24	34	88	45	67	21.2	1.8	156°	0.0
25	33	24	28	49	23	30	50	23	31	52	23	31	92	53	78	18.7	0.0	152°	3.0
26	31	21	25	42	20	26	44	20	26	44	20	26	93	59	84	19.4	0.0	184°	0.0
27	32	19	25	57	16	30	60	16	31	60	16	31	93	23	62	15.4	0.0	188°	0.0
28	29	17	23	50	14	27	52	14	28	53	14	28	93	42	63	20.8	0.0	233°	0.0
29	31	19	26	55	16	28	57	16	29	59	16	29	88	53	70	23.0	0.0	279°	0.0
30	31	21	24	45	19	26	47	19	26	48	20	26	92	57	81	32.7	0.0	187°	6.4
Monthly Avg.	32	21	26	54	19	29	56	19	30	57	19	30	92	45	73	21.1	0.3	202°	
Monthly Total																			31.0
YTD† Avg.	29	18	23	52	15	26	53	15	26	51	15	26	92	49	74	20.8	0.5	216°	
YTD† Total																			120.1

† Year To Date
Note:





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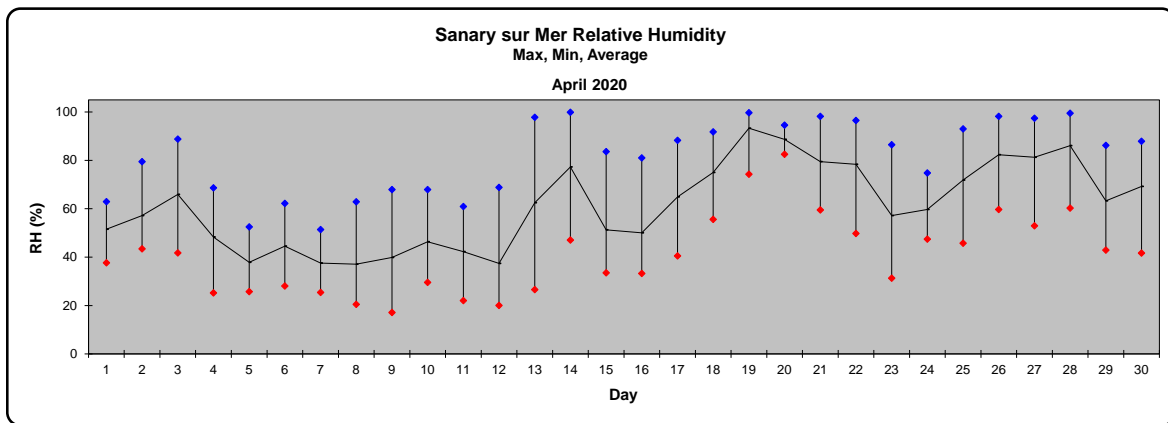
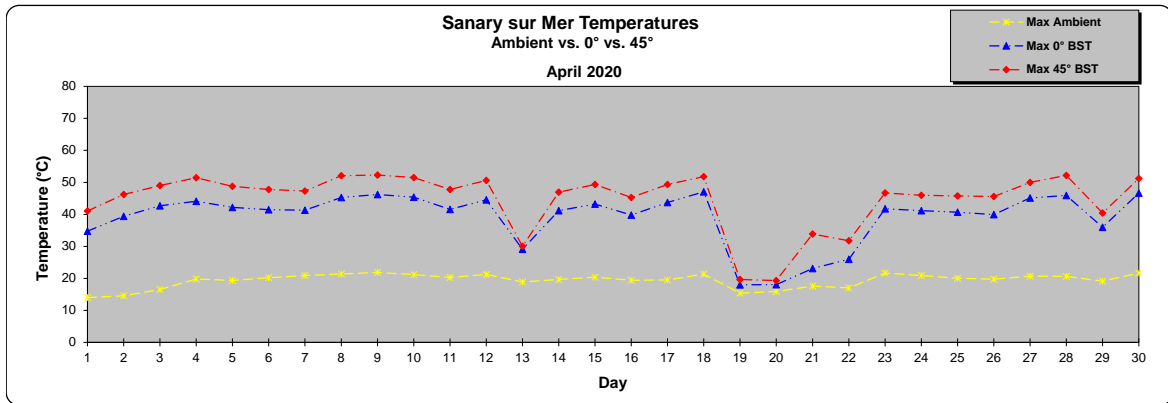
Latitude 43° 08' North, Longitude 05° 49' East, Elevation 110 (m)

Weather Summary
April 2020
Sanary sur Mer, France

Month	Temperature Summary																		Climate Summary										
	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	Rainfall (mm)				
April	°C			0°			45°			0°			45°			0°			45°					360°/0°=N					
Day	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	14	7	10	35	5	15	41	5	17	30	5	14	34	4	15	35	4	14	40	5	16	63	38	52	9.6	2.2	84°	0.0	
2	15	6	10	39	3	15	46	4	16	34	3	14	41	3	14	40	3	14	46	3	15	80	43	57	7.0	1.3	76°	0.0	
3	17	5	11	43	2	15	49	3	18	38	2	14	43	2	15	44	2	15	48	2	17	89	42	66	5.0	0.7	36°	0.0	
4	20	7	13	44	4	19	51	4	21	40	3	17	46	3	19	44	3	18	51	3	20	69	25	48	4.9	0.9	58°	0.0	
5	19	9	14	42	5	19	49	6	21	38	5	18	43	5	19	42	4	18	48	5	20	53	26	38	6.2	1.2	68°	0.0	
6	20	10	15	41	7	20	48	8	22	38	7	19	43	6	20	43	6	19	49	7	21	62	28	45	7.5	1.1	80°	0.0	
7	21	9	15	41	6	20	47	7	22	37	6	19	42	6	20	42	5	19	47	6	21	51	25	38	8.1	1.2	67°	0.0	
8	21	11	16	45	8	21	52	9	23	42	8	20	47	7	21	47	7	20	52	8	22	63	20	37	5.9	1.0	61°	0.0	
9	22	9	15	46	6	20	52	7	23	43	6	19	47	5	20	47	5	20	53	6	22	68	17	40	3.8	0.7	74°	0.0	
10	21	9	15	45	6	20	52	7	22	43	5	19	47	5	19	48	5	20	52	6	21	68	30	46	4.6	0.8	45°	0.0	
11	20	9	15	42	5	19	48	6	21	37	5	18	41	5	18	44	5	19	48	5	20	61	22	42	4.0	0.8	304°	0.0	
12	21	10	15	45	6	20	51	7	22	41	5	19	46	5	20	47	5	20	52	6	21	69	20	37	4.2	0.9	77°	0.0	
13	19	11	14	29	10	15	30	11	16	29	10	15	29	10	14	30	11	15	31	10	15	98	27	63	6.2	1.2	85°	0.3	
14	20	9	14	41	7	19	47	8	22	39	7	19	44	7	19	45	7	20	49	7	21	100	47	77	3.9	0.7	320°	0.5	
15	20	12	16	43	9	21	49	10	23	38	9	20	42	9	20	42	9	20	47	9	22	84	34	51	8.5	2.0	90°	0.0	
16	19	9	15	40	6	20	45	7	22	36	6	19	40	6	19	40	6	19	44	6	20	81	33	50	7.8	1.8	85°	0.0	
17	19	9	14	44	5	20	49	6	21	40	5	18	44	5	19	45	5	19	49	6	20	88	41	65	4.9	0.9	82°	0.0	
18	21	11	15	47	8	21	52	9	22	44	8	19	47	8	20	49	8	20	53	8	21	92	56	75	4.9	0.7	89°	0.0	
19	15	13	14	18	11	14	20	12	15	18	11	14	17	10	13	21	11	15	20	11	15	100	74	93	5.5	0.9	79°	0.0	
20	16	14	15	18	13	15	19	14	16	18	13	15	17	12	14	19	13	15	20	13	15	95	83	89	7.1	1.7	92°	0.0	
21	18	12	14	23	12	15	34	12	16	29	12	15	31	11	15	32	12	16	34	12	16	98	60	80	7.6	1.7	86°	0.0	
22	17	11	14	26	11	16	32	12	17	29	11	16	30	11	16	35	11	17	34	11	17	97	50	78	5.4	0.7	64°	0.0	
23	22	11	16	42	8	22	47	9	24	39	8	21	42	8	21	43	8	22	46	8	23	87	31	57	4.1	0.8	311°	0.0	
24	21	10	16	41	7	21	46	8	22	37	7	19	39	6	19	43	7	20	45	7	21	75	47	60	5.1	1.0	285°	0.0	
25	20	10	15	41	7	20	46	8	21	36	6	18	40	6	19	43	6	20	46	7	20	93	46	72	4.2	0.9	291°	0.0	
26	20	10	15	40	8	21	46	9	22	36	8	19	40	8	20	42	8	21	46	8	22	98	60	82	4.6	0.8	275°	1.0	
27	21	11	16	45	9	21	50	10	22	41	9	20	44	10	20	48	10	21	50	10	22	97	53	81	4.7	1.1	108°	0.0	
28	21	14	16	46	12	20	52	13	21	49	12	19	50	12	19	53	12	20	54	12	20	100	60	86	6.7	1.3	216°	8.6	
29	19	10	15	36	8	20	40	9	21	31	7	18	33	8	19	37	7	20	40	8	20	86	43	63	8.3	1.6	271°	1.0	
30	22	11	16	47	9	20	51	9	21	45	8	20	48	9	20	50	8	20	52	9	20	88	42	69	7.2	0.9	314°	0.0	
Monthly Avg.	19	10	15	39	8	19	45	8	20	37	7	18	40	7	18	41	7	19	45	7	19	82	41	61	5.9	1.1	139°		
Monthly Total																													
YTD [†] Avg.	17	8	12	31	6	14	39	6	17	29	5	14	35	5	15	33	5	14	40	6	16	85	45	65	6.1	1.2	147°	10.4	
YTD [†] Total																													

[†] Year To Date

Note: *No data available

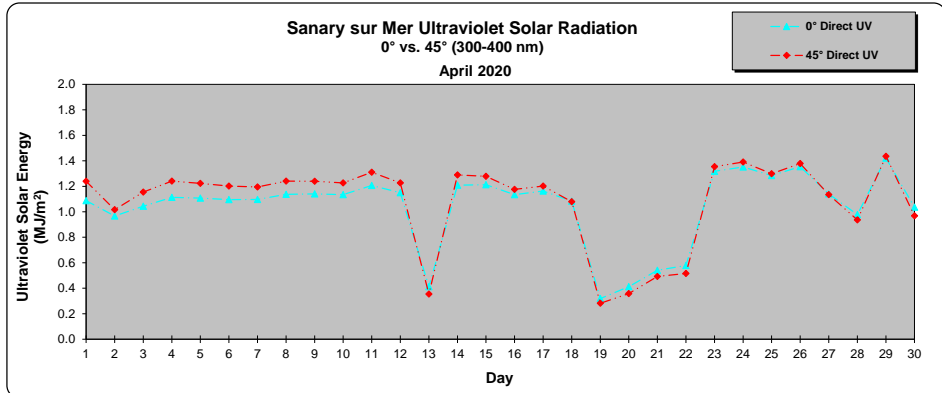
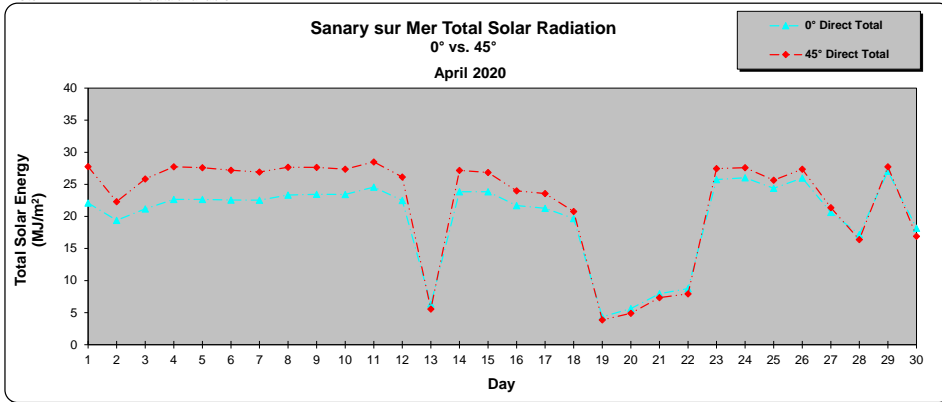


Solar Radiation Summary
April 2020
Sanary sur Mer, France

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

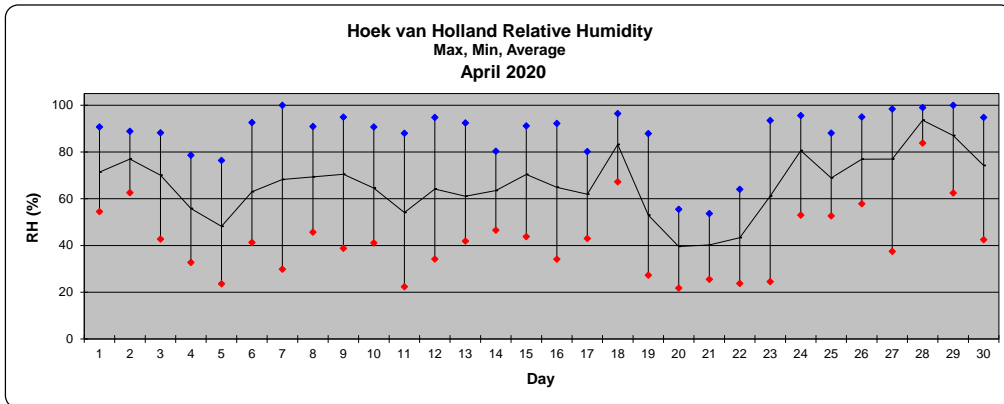
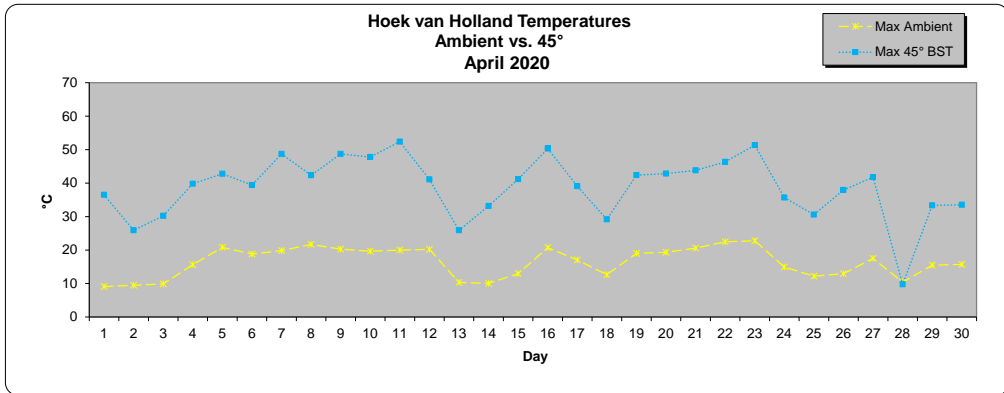
Month	Solar Radiation Summary					
	Total Solar Radiation (MJ/m ²)		Ultraviolet Solar Radiation (MJ/m ²)			
	Direct		295-385 nm		300-400 nm	
April	0°	45°	0°	45°	0°	45°
1	22.1	27.8	*	*	1.09	1.24
2	19.4	22.3	*	*	0.97	1.02
3	21.2	25.8	*	*	1.04	1.16
4	22.6	27.7	*	*	1.11	1.24
5	22.6	27.6	*	*	1.11	1.22
6	22.6	27.2	*	*	1.10	1.20
7	22.5	26.9	*	*	1.10	1.20
8	23.3	27.7	*	*	1.14	1.24
9	23.5	27.6	*	*	1.14	1.24
10	23.4	27.4	*	*	1.14	1.23
11	24.6	28.5	*	*	1.21	1.31
12	22.5	26.1	*	*	1.15	1.23
13	6.4	5.6	*	*	0.41	0.36
14	23.9	27.2	*	*	1.21	1.29
15	23.8	26.8	*	*	1.21	1.28
16	21.7	24.0	*	*	1.14	1.18
17	21.3	23.6	*	*	1.16	1.20
18	19.7	20.8	*	*	1.08	1.08
19	4.3	3.9	*	*	0.32	0.28
20	5.6	4.9	*	*	0.41	0.36
21	8.0	7.3	*	*	0.54	0.49
22	8.7	7.9	*	*	0.58	0.52
23	25.7	27.5	*	*	1.32	1.35
24	26.0	27.6	*	*	1.35	1.39
25	24.4	25.7	*	*	1.28	1.30
26	26.0	27.4	*	*	1.35	1.38
27	20.6	21.4	*	*	1.14	1.13
28	17.2	16.4	*	*	0.98	0.94
29	27.0	27.7	*	*	1.42	1.44
30	18.2	16.9	*	*	1.04	0.97
Monthly Total	598.8	665.1	*	*	31.23	32.44
YTD¹ Total	1511.9	2102.9	*	*	74.68	85.21

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)
Day	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Avg	Avg	Total
1	9	-1	5	37	-9	8	91	55	71	8.6	2.2	203°	0.0
2	9	6	8	26	0	8	89	63	77	11.0	4.3	102°	0.0
3	10	7	8	30	0	10	88	43	70	9.5	4.5	116°	0.0
4	16	5	10	40	-1	13	79	33	56	6.0	2.3	53°	0.0
5	21	4	13	43	-3	16	76	24	48	7.0	2.4	75°	0.0
6	19	10	13	39	4	14	93	41	63	10.0	4.0	246°	0.0
7	20	4	13	49	-2	17	100	30	68	6.0	1.6	144°	0.0
8	22	9	14	42	2	17	91	46	69	7.4	2.1	75°	0.0
9	20	8	13	49	1	14	95	39	71	7.2	2.4	69°	0.0
10	20	6	13	48	0	17	91	41	65	6.7	2.4	110°	0.0
11	20	6	13	52	-1	16	88	22	54	7.2	1.8	89°	0.0
12	20	8	14	41	0	14	95	34	64	7.1	1.9	289°	0.0
13	10	6	8	26	2	9	92	42	61	13.1	6.7	352°	0.0
14	10	3	7	33	-4	7	80	47	64	8.7	3.4	269°	0.0
15	13	2	8	41	-5	11	91	44	70	5.9	2.0	326°	0.0
16	21	5	13	50	-2	17	92	34	65	7.4	2.2	357°	0.0
17	17	7	12	39	3	15	80	43	62	10.3	4.5	352°	0.0
18	13	7	10	29	3	8	96	67	83	8.5	2.9	278°	2.5
19	19	8	13	42	3	17	88	27	53	9.2	4.0	313°	0.0
20	19	6	13	43	0	16	56	22	40	13.2	3.8	224°	0.0
21	21	8	14	44	2	18	54	25	40	11.2	3.2	136°	0.0
22	22	8	15	46	1	19	64	24	43	9.3	2.5	107°	0.0
23	23	9	14	51	2	19	94	25	61	6.6	2.0	113°	0.0
24	15	7	11	36	2	14	96	53	81	7.7	3.7	267°	0.0
25	12	5	9	31	-2	9	88	53	69	8.4	3.5	281°	0.0
26	13	3	8	38	-5	11	95	58	77	7.5	1.9	275°	0.0
27	18	5	12	42	-2	15	98	37	77	7.0	2.4	195°	0.0
28	10	8	9	10	3	6	99	84	94	8.6	3.1	315°	4.3
29	15	8	11	33	5	12	100	62	87	10.8	3.6	107°	3.3
30	16	9	11	34	5	12	95	42	74	13.5	6.0	93°	3.3
Monthly Avg.	16	6	11	39	0	13	88	42	66	8.7	3.1	198°	
Monthly Total													13.5
YTD¹ Avg.	11	5	8	23	0	7	92	61	78	11.7	5.0	191°	
YTD¹ Total													226.3

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

April 2020

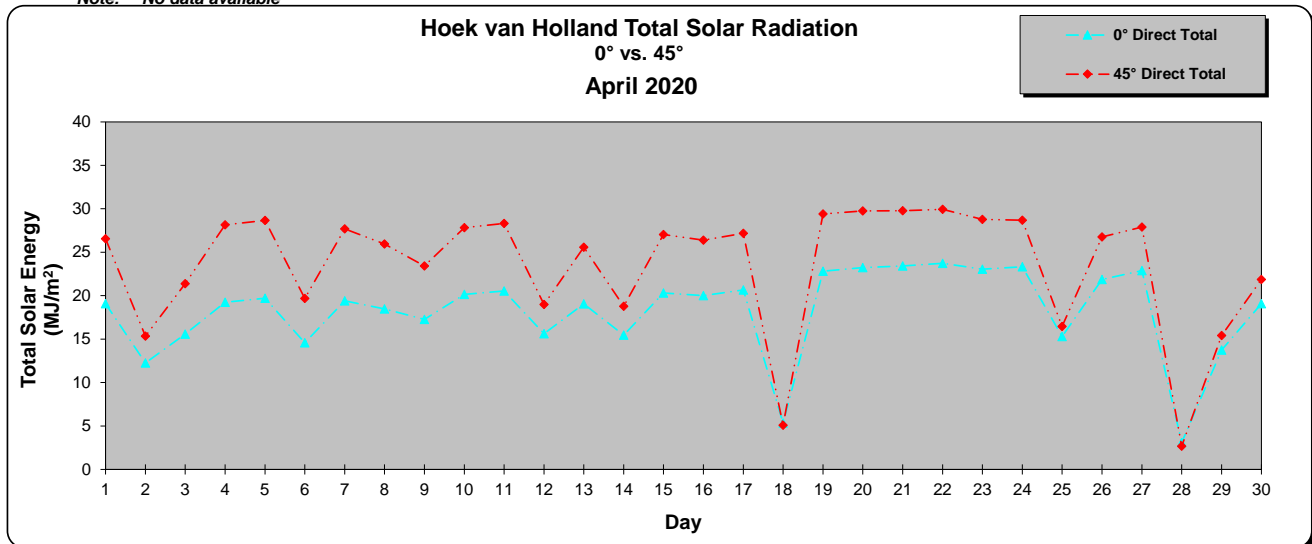
Hoek van Holland, The Netherlands

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

AWSG		Solar Radiation Summary	
Month	Total Solar Radiation (MJ/m ²)		
April	Direct		
Day	0°	45°	
1	19.1	26.6	
2	12.3	15.4	
3	15.6	21.4	
4	19.2	28.2	
5	19.7	28.7	
6	14.6	19.7	
7	19.4	27.7	
8	18.5	26.0	
9	17.3	23.4	
10	20.2	27.8	
11	20.5	28.3	
12	15.6	19.0	
13	19.1	25.6	
14	15.5	18.8	
15	20.3	27.0	
16	20.0	26.4	
17	20.7	27.2	
18	5.3	5.1	
19	22.8	29.4	
20	23.2	29.8	
21	23.4	29.8	
22	23.7	29.9	
23	23.0	28.8	
24	23.3	28.7	
25	15.3	16.5	
26	21.9	26.8	
27	22.9	27.9	
28	3.1	2.7	
29	13.8	15.4	
30	19.1	21.9	
Monthly Total	548.3	709.4	
YTD[†] Total	1073.2	1512.5	

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

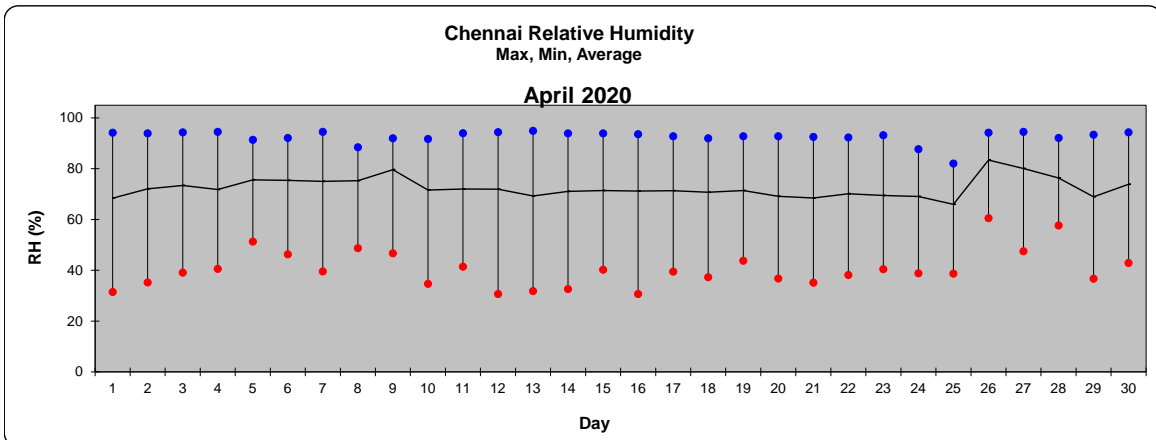
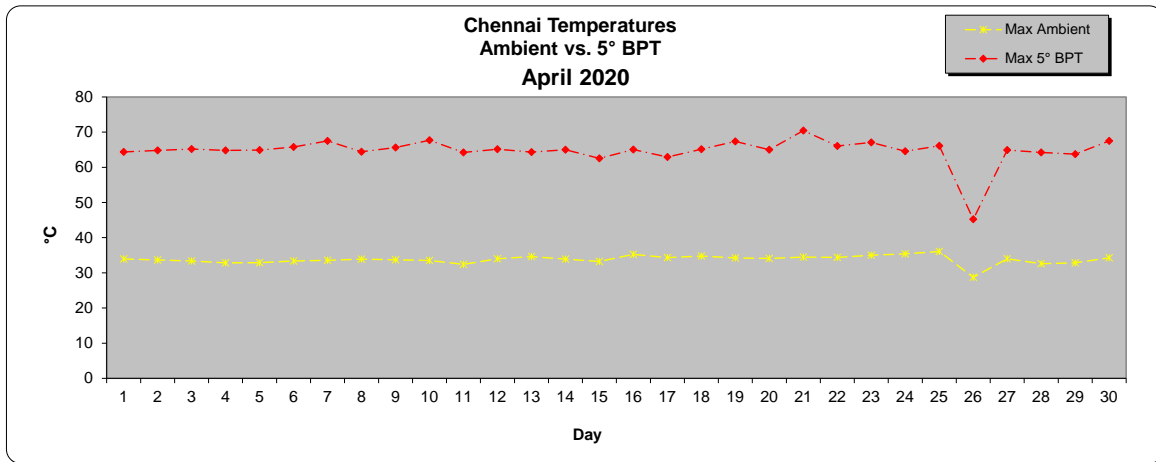
Note: * No data available



Month	Temperature Summary						Climate Summary						
	Ambient Temperature			Black Metal Panel Temperature (ASTM G179) (°C)			Relative Humidity			Wind Speed		Wind Direction	Rainfall
April	° C			5 °			%			(m/s)		360°/0°= N	(mm)
Day	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Avg	Avg	Total
1	34	19	26	64	20	35	94	31	68	5.4	0.7	101°	0.0
2	34	20	26	65	21	35	94	35	72	5.4	0.8	133°	0.0
3	33	20	26	65	22	35	94	39	73	4.5	0.8	123°	0.0
4	33	20	26	65	21	34	95	41	72	3.8	0.8	105°	0.0
5	33	22	27	65	23	35	91	51	76	5.1	0.9	108°	0.0
6	33	23	27	66	25	35	92	46	75	4.9	0.8	137°	0.0
7	34	22	27	68	23	34	95	40	75	4.0	0.7	124°	0.0
8	34	24	27	64	25	35	88	49	75	4.7	0.8	116°	0.0
9	34	20	25	66	22	33	92	47	80	7.8	1.1	93°	1.0
10	33	21	26	68	23	34	92	35	72	5.8	0.8	110°	0.0
11	32	21	26	64	22	35	94	41	72	5.4	0.8	85°	0.0
12	34	20	26	65	22	35	94	31	72	4.3	0.8	94°	0.0
13	35	19	26	64	20	34	95	32	69	6.3	0.7	74°	0.0
14	34	19	25	65	19	34	94	33	71	4.0	0.7	65°	0.0
15	33	20	26	63	22	35	94	40	71	6.3	0.8	72°	0.0
16	35	21	27	65	22	35	94	31	71	5.2	0.9	141°	0.0
17	34	22	27	63	24	36	93	39	71	5.6	0.9	137°	0.0
18	35	23	28	65	24	37	92	37	71	7.2	0.8	128°	0.0
19	34	23	27	67	24	36	93	44	71	4.3	0.8	126°	0.0
20	34	22	27	65	22	36	93	37	69	5.8	0.8	98°	0.0
21	34	21	27	70	22	36	93	35	68	4.7	0.8	123°	0.0
22	34	21	27	66	23	35	92	38	70	4.8	0.9	148°	0.0
23	35	22	28	67	23	36	93	40	69	5.1	0.8	127°	0.0
24	35	23	28	65	24	36	88	39	69	5.8	0.9	151°	0.0
25	36	25	29	66	26	37	82	39	66	4.9	1.0	141°	0.0
26	29	20	24	45	22	28	94	61	83	8.9	0.9	141°	18.0
27	34	22	27	65	24	35	95	48	80	5.3	0.9	183°	0.0
28	33	23	27	64	24	35	92	58	76	7.2	0.8	117°	0.0
29	33	22	27	64	23	34	93	37	69	6.7	1.0	286°	0.0
30	34	22	28	68	24	36	94	43	74	3.4	0.8	132°	0.0
Monthly Avg.	34	21	27	65	23	35	93	40	72	5.4	0.8	124°	
Monthly Total													19.0
YTD[†] Avg.	31	19	24	61	20	31	95	44	76	5.0	0.8	112°	
YTD[†] Total													33.3

[†] Year To Date

Note: * Data Unavailable



Solar Radiation Summary April 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)	
April	Direct	295-385 nm	300-400 nm
Day	5°	5°	
1	25.8	1.09	1.22
2	25.6	1.07	1.19
3	25.0	1.04	1.17
4	22.4	1.00	1.12
5	23.4	1.05	1.17
6	21.0	0.94	1.05
7	18.8	0.84	0.94
8	19.2	0.85	0.95
9	18.7	0.79	0.89
10	20.84	0.92	1.03
11	25.1	1.03	1.15
12	25.4	1.06	1.18
13	26.1	1.08	1.20
14	26.8	1.11	1.24
15	26.9	1.13	1.27
16	26.2	1.09	1.22
17	23.1	0.92	1.03
18	24.8	1.06	1.18
19	22.9	1.01	1.13
20	27.2	1.18	1.31
21	24.5	1.07	1.20
22	23.4	1.02	1.14
23	24.2	1.00	1.12
24	22.6	0.94	1.05
25	21.1	0.88	0.98
26	7.7	0.42	0.46
27	19.6	0.93	1.04
28	18.7	0.91	1.02
29	18.1	0.85	0.94
30	20.3	0.91	1.02
Monthly Total	675.4	29.20	32.59
YTD[†] Total	2582.8	111.16	124.09

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

Note:

