



ATLAS

WEATHERING SERVICES GROUP

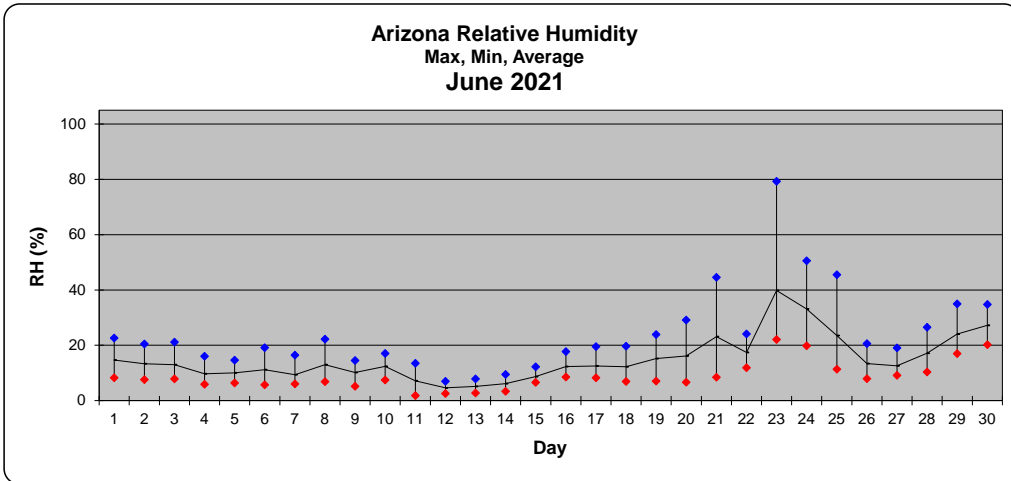
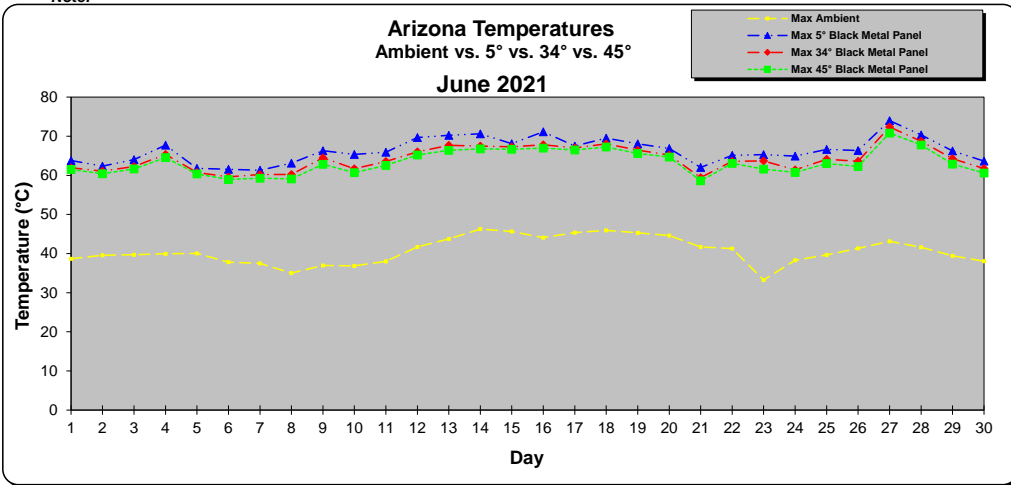
Latitude 33° 54' North, Longitude 112° 08' West, Elevation 610 (m)



Weather Summary June 2021 Phoenix, Arizona

| Month | Temperature Summary | | | | | | | | | | | | Climate Summary | | | | | | | |
|------------------------|---------------------|-----|------|---|-----|------|-----|-----|------|-----|-----|------|-------------------|-----|------|------------|------|----------------|----------|--|
| | Ambient Temperature | | | Black Metal Panel Temperature (ASTM G179) (° C) | | | | | | | | | Relative Humidity | | | Wind Speed | | Wind Direction | Rainfall | |
| June | (° 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 | 39 | 21 | 31 | 64 | 18 | 37 | 62 | 19 | 36 | 62 | 19 | 36 | 23 | 8 | 15 | 9.2 | 1.6 | 170° | 0.0 | |
| 2 | 40 | 23 | 31 | 62 | 18 | 36 | 61 | 19 | 36 | 60 | 19 | 35 | 21 | 8 | 13 | 10.5 | 1.9 | 176° | 0.0 | |
| 3 | 40 | 25 | 33 | 64 | 20 | 38 | 62 | 21 | 37 | 62 | 21 | 37 | 21 | 8 | 13 | 13.2 | 2.1 | 200° | 0.0 | |
| 4 | 40 | 24 | 33 | 68 | 20 | 38 | 65 | 20 | 37 | 65 | 20 | 37 | 16 | 6 | 10 | 10.2 | 2.0 | 207° | 0.0 | |
| 5 | 40 | 23 | 32 | 62 | 19 | 37 | 61 | 20 | 36 | 60 | 20 | 36 | 15 | 6 | 10 | 9.7 | 2.0 | 216° | 0.0 | |
| 6 | 38 | 22 | 30 | 62 | 19 | 36 | 60 | 20 | 35 | 59 | 20 | 35 | 19 | 6 | 11 | 9.6 | 1.8 | 169° | 0.0 | |
| 7 | 38 | 20 | 29 | 61 | 15 | 34 | 60 | 16 | 33 | 59 | 16 | 33 | 16 | 6 | 9 | 8.8 | 2.0 | 151° | 0.0 | |
| 8 | 35 | 19 | 27 | 63 | 15 | 33 | 60 | 15 | 32 | 59 | 16 | 32 | 22 | 7 | 13 | 7.3 | 1.8 | 126° | 0.0 | |
| 9 | 37 | 23 | 30 | 66 | 20 | 35 | 64 | 20 | 34 | 63 | 21 | 34 | 15 | 5 | 10 | 7.4 | 2.0 | 42° | 0.0 | |
| 10 | 37 | 20 | 29 | 65 | 16 | 35 | 62 | 17 | 34 | 61 | 17 | 34 | 17 | 7 | 12 | 9.0 | 1.7 | 336° | 0.0 | |
| 11 | 38 | 21 | 30 | 66 | 17 | 36 | 64 | 18 | 35 | 63 | 19 | 35 | 14 | 2 | 7 | 6.8 | 1.9 | 54° | 0.0 | |
| 12 | 42 | 23 | 33 | 70 | 21 | 39 | 66 | 21 | 38 | 65 | 22 | 38 | 7 | 3 | 5 | 7.2 | 2.2 | 13° | 0.0 | |
| 13 | 44 | 26 | 35 | 70 | 23 | 41 | 68 | 24 | 40 | 66 | 24 | 40 | 8 | 3 | 5 | 7.6 | 2.3 | 349° | 0.0 | |
| 14 | 46 | 29 | 37 | 71 | 26 | 42 | 67 | 27 | 41 | 67 | 27 | 41 | 10 | 3 | 6 | 10.7 | 2.5 | 333° | 0.0 | |
| 15 | 46 | 28 | 38 | 68 | 24 | 43 | 67 | 24 | 43 | 67 | 25 | 43 | 12 | 7 | 9 | 8.2 | 1.9 | 139° | 0.0 | |
| 16 | 44 | 32 | 38 | 71 | 27 | 44 | 68 | 28 | 43 | 67 | 28 | 43 | 18 | 9 | 12 | 6.9 | 1.7 | 152° | 0.0 | |
| 17 | 45 | 32 | 39 | 67 | 29 | 44 | 67 | 30 | 44 | 66 | 30 | 44 | 20 | 8 | 13 | 10.4 | 1.9 | 131° | 0.0 | |
| 18 | 46 | 30 | 39 | 70 | 26 | 44 | 68 | 27 | 43 | 67 | 27 | 43 | 20 | 7 | 12 | 7.5 | 2.0 | 171° | 0.0 | |
| 19 | 45 | 29 | 38 | 68 | 26 | 44 | 66 | 27 | 43 | 66 | 27 | 42 | 24 | 7 | 15 | 9.6 | 1.8 | 214° | 0.0 | |
| 20 | 45 | 27 | 37 | 67 | 24 | 42 | 65 | 24 | 41 | 65 | 25 | 41 | 29 | 7 | 16 | 12.1 | 2.3 | 237° | 0.0 | |
| 21 | 42 | 26 | 34 | 62 | 24 | 40 | 59 | 24 | 39 | 59 | 24 | 39 | 45 | 8 | 23 | 9.9 | 2.2 | 238° | 0.0 | |
| 22 | 41 | 25 | 34 | 65 | 22 | 39 | 64 | 23 | 38 | 63 | 23 | 38 | 24 | 12 | 17 | 9.7 | 2.2 | 179° | 0.0 | |
| 23 | 33 | 23 | 29 | 65 | 21 | 31 | 64 | 21 | 31 | 62 | 22 | 31 | 79 | 22 | 40 | 6.7 | 1.5 | 103° | 1.5 | |
| 24 | 38 | 25 | 31 | 65 | 23 | 38 | 61 | 24 | 37 | 61 | 24 | 37 | 51 | 20 | 33 | 10.1 | 2.5 | 27° | 0.0 | |
| 25 | 40 | 25 | 33 | 67 | 22 | 39 | 64 | 23 | 38 | 63 | 23 | 38 | 46 | 11 | 24 | 11.0 | 2.3 | 285° | 0.0 | |
| 26 | 41 | 26 | 34 | 66 | 22 | 39 | 64 | 23 | 39 | 62 | 23 | 38 | 21 | 8 | 13 | 8.2 | 1.9 | 8° | 0.0 | |
| 27 | 43 | 29 | 37 | 74 | 27 | 42 | 72 | 28 | 41 | 71 | 28 | 41 | 19 | 9 | 13 | 11.5 | 3.0 | 23° | 0.0 | |
| 28 | 42 | 29 | 36 | 70 | 25 | 41 | 69 | 26 | 40 | 68 | 26 | 40 | 27 | 10 | 17 | 11.4 | 2.1 | 115° | 0.0 | |
| 29 | 39 | 27 | 34 | 66 | 24 | 39 | 64 | 25 | 39 | 63 | 25 | 39 | 35 | 17 | 24 | 10.9 | 1.8 | 128° | 0.0 | |
| 30 | 38 | 27 | 33 | 64 | 25 | 38 | 62 | 25 | 37 | 61 | 25 | 37 | 35 | 20 | 27 | 11.2 | 2.8 | 40° | 0.0 | |
| Monthly Avg. | 41 | 25 | 34 | 66 | 22 | 39 | 64 | 23 | 38 | 63 | 23 | 38 | 24 | 9 | 15 | 9.4 | 2.1 | 158° | 1.5 | |
| Monthly Total | | | | | | | | | | | | | | | | | | | | |
| YTD [†] Avg. | 27 | 14 | 20 | 51 | 11 | 24 | 53 | 11 | 25 | 53 | 12 | 25 | 44 | 17 | 30 | 9.2 | 2.1 | 111° | 158.8 | |
| YTD [†] Total | | | | | | | | | | | | | | | | | | | | |

[†] Year To Date
Note:



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

Miami, Florida

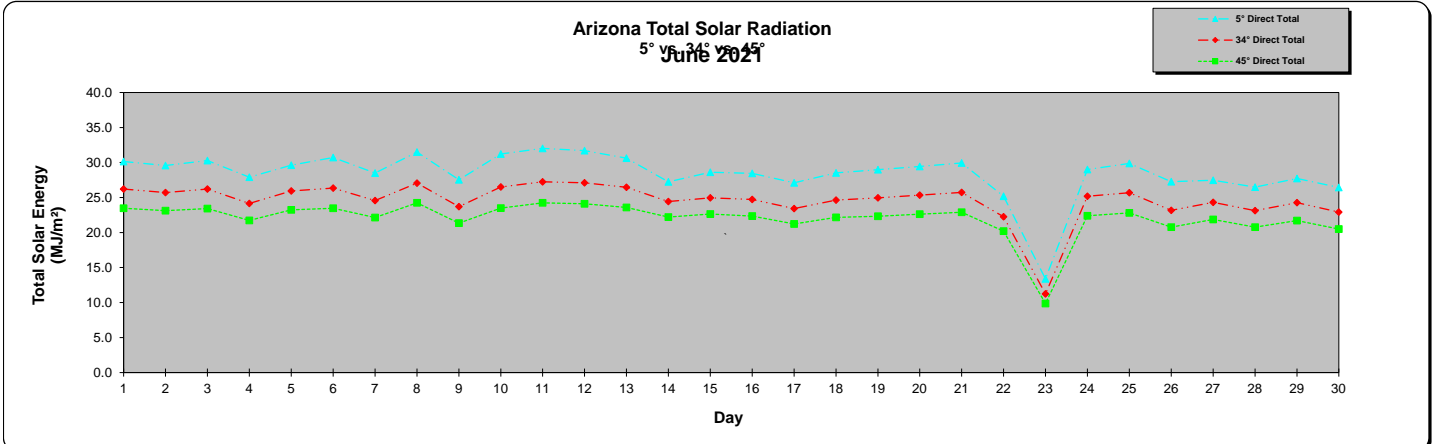
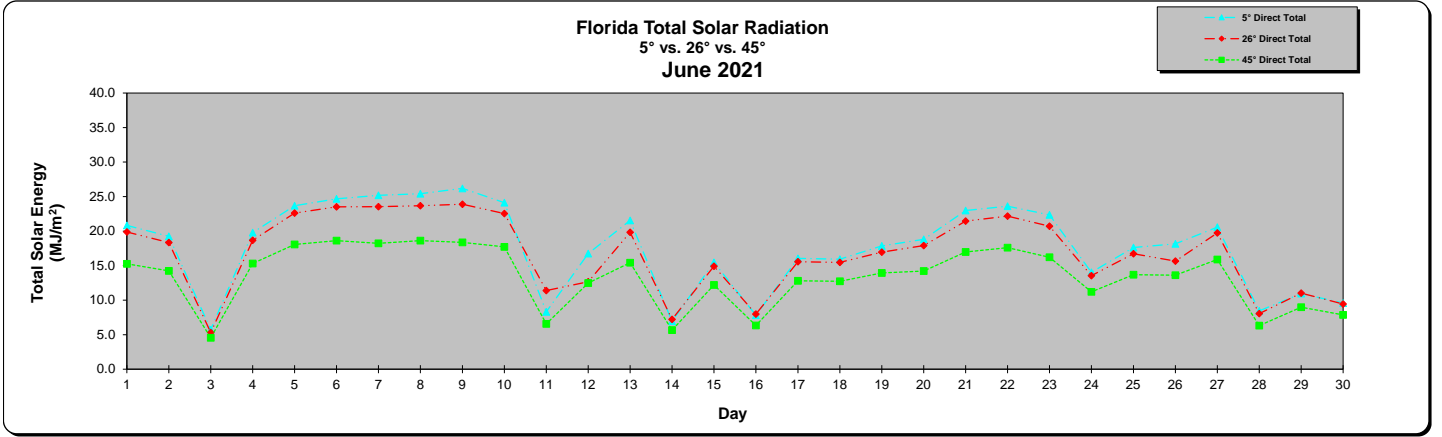
Latitude 33° 54' North, Longitude 112° 08' West, Elevation 610 (m)

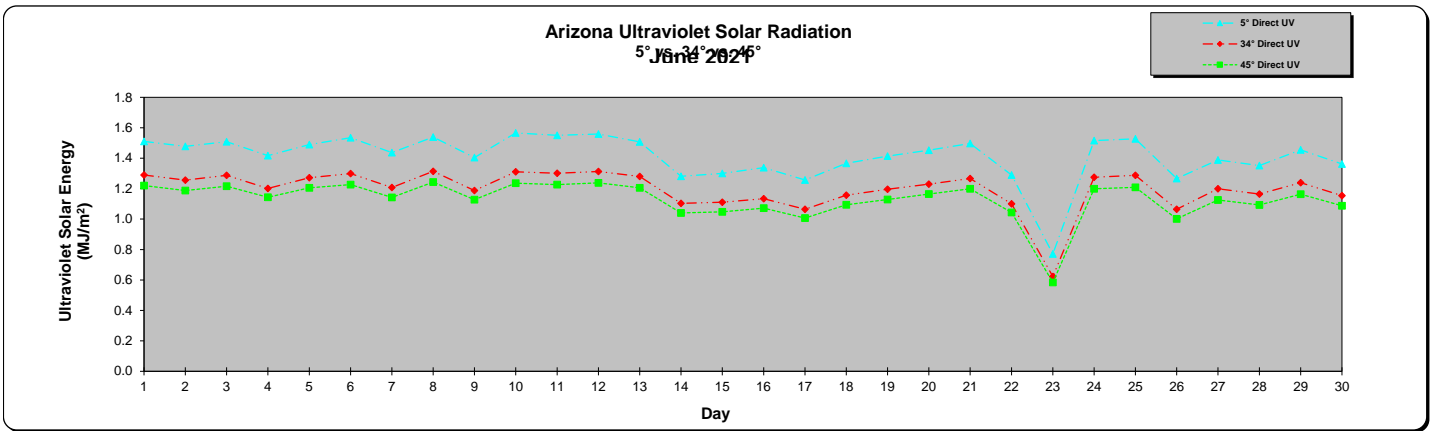
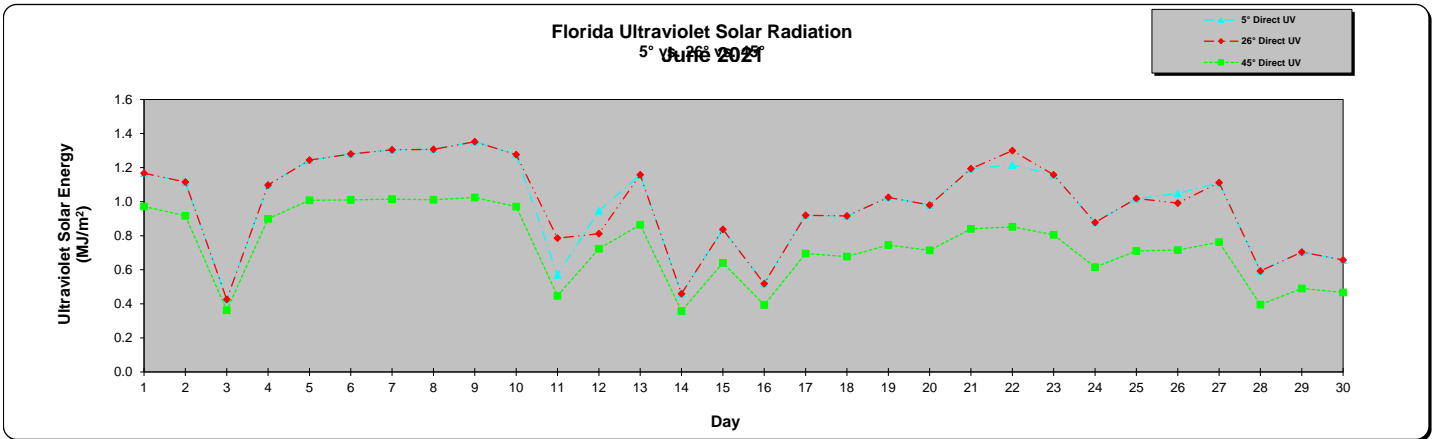
Phoenix, Arizona

| AWSG | Solar Radiation Summary | | | | | | | | | | | | Solar Radiation Summary | | | | | | | | | | | | | |
|------------------------|-------------------------------|--------|--------|------------|--------|--------|--|--------|--------|------------|--------|--------|-------------------------------|--------|--------|------------|--------|--------|--|--------|--------|------------|--------|--------|----------|--------|
| | Total Solar Radiation (MJ/m2) | | | | | | Ultraviolet Solar Radiation (MJ/m ²) | | | | | | Total Solar Radiation (MJ/m2) | | | | | | Ultraviolet Solar Radiation (MJ/m ²) | | | | | | EMMAQUA™ | |
| | Direct | | | Underglass | | | Direct | | | Underglass | | | Direct | | | Underglass | | | Direct | | | Underglass | | | Total | UV |
| | 5° | 26° | 45° | 5° | 26° | 45° | 5° | 26° | 45° | 5° | 26° | 45° | 5° | 34° | 45° | 5° | 34° | 45° | 5° | 34° | 45° | 5° | 34° | 45° | | |
| 1 | 20.8 | 19.9 | 15.3 | 16.8 | 15.8 | 12.9 | 1.17 | 1.17 | 0.97 | 0.75 | 0.75 | 0.65 | 30.2 | 26.2 | 23.5 | 25.8 | 22.4 | 20.6 | 1.51 | 1.29 | 1.22 | 1.03 | 0.92 | 0.79 | 160 | 5.23 |
| 2 | 19.3 | 18.3 | 14.2 | 15.2 | 14.2 | 11.8 | 1.12 | 1.12 | 0.92 | 0.71 | 0.71 | 0.62 | 29.6 | 25.7 | 23.1 | 25.1 | 21.8 | 20.2 | 1.48 | 1.26 | 1.19 | 1.00 | 0.89 | 0.77 | 166 | 5.39 |
| 3 | 5.7 | 5.3 | 4.6 | 4.5 | 4.3 | 3.8 | 0.43 | 0.43 | 0.36 | 0.26 | 0.26 | 0.25 | 30.3 | 26.2 | 23.4 | 25.8 | 22.3 | 20.5 | 1.51 | 1.29 | 1.22 | 1.03 | 0.91 | 0.79 | 142 | 4.63 |
| 4 | 19.8 | 18.7 | 15.3 | 16.0 | 15.3 | 12.9 | 1.10 | 1.10 | 0.90 | 0.70 | 0.70 | 0.60 | 27.9 | 24.2 | 21.7 | 23.8 | 20.6 | 19.0 | 1.42 | 1.20 | 1.14 | 0.96 | 0.85 | 0.74 | 67 | 2.00 |
| 5 | 23.7 | 22.6 | 18.1 | 19.1 | 18.4 | 15.4 | 1.24 | 1.24 | 1.01 | 0.80 | 0.80 | 0.68 | 29.6 | 25.9 | 23.2 | 25.5 | 22.2 | 20.4 | 1.49 | 1.27 | 1.21 | 1.02 | 0.91 | 0.78 | 154 | 4.79 |
| 6 | 24.7 | 23.5 | 18.6 | 19.8 | 18.8 | 15.6 | 1.28 | 1.28 | 1.01 | 0.82 | 0.82 | 0.68 | 30.7 | 26.3 | 23.5 | 26.2 | 22.5 | 20.5 | 1.54 | 1.30 | 1.23 | 1.04 | 0.93 | 0.80 | 182 | 5.86 |
| 7 | 25.2 | 23.6 | 18.2 | 20.3 | 18.9 | 15.1 | 1.30 | 1.30 | 1.01 | 0.83 | 0.83 | 0.68 | 28.5 | 24.6 | 22.1 | 24.2 | 21.0 | 19.3 | 1.44 | 1.21 | 1.14 | 0.97 | 0.86 | 0.74 | 0 | 0.00 |
| 8 | 25.4 | 23.7 | 18.6 | 20.4 | 19.2 | 15.5 | 1.31 | 1.31 | 1.01 | 0.84 | 0.84 | 0.68 | 31.5 | 27.1 | 24.2 | 26.8 | 23.1 | 21.1 | 1.54 | 1.31 | 1.24 | 1.06 | 0.94 | 0.81 | 202 | 6.62 |
| 9 | 26.2 | 23.9 | 18.4 | 21.0 | 19.4 | 15.2 | 1.35 | 1.35 | 1.02 | 0.86 | 0.86 | 0.68 | 27.5 | 23.7 | 21.4 | 23.5 | 20.2 | 18.6 | 1.40 | 1.19 | 1.13 | 0.96 | 0.85 | 0.72 | 42 | 1.45 |
| 10 | 24.1 | 22.5 | 17.7 | 19.4 | 18.4 | 14.9 | 1.28 | 1.28 | 0.97 | 0.81 | 0.81 | 0.65 | 31.2 | 26.5 | 23.5 | 26.6 | 22.6 | 20.5 | 1.57 | 1.31 | 1.24 | 1.06 | 0.94 | 0.80 | 152 | 5.23 |
| 11 | 8.3 | 11.4 | 6.6 | 6.6 | 6.6 | 5.5 | 0.57 | 0.79 | 0.45 | 0.34 | 0.47 | 0.31 | 32.0 | 27.3 | 24.2 | 27.3 | 23.3 | 21.1 | 1.55 | 1.30 | 1.23 | 1.05 | 0.93 | 0.79 | 210 | 6.65 |
| 12 | 16.8 | 12.7 | 12.5 | 13.4 | 9.7 | 10.5 | 0.95 | 0.81 | 0.72 | 0.59 | 0.49 | 0.48 | 31.7 | 27.1 | 24.1 | 27.2 | 23.2 | 21.0 | 1.56 | 1.31 | 1.24 | 1.05 | 0.93 | 0.80 | 199 | 6.59 |
| 13 | 21.6 | 19.8 | 15.4 | 17.2 | 15.7 | 12.7 | 1.16 | 1.16 | 0.86 | 0.72 | 0.72 | 0.58 | 30.6 | 26.5 | 23.6 | 26.5 | 22.6 | 20.6 | 1.51 | 1.28 | 1.21 | 1.02 | 0.91 | 0.77 | 187 | 5.88 |
| 14 | 6.9 | 7.2 | 5.7 | 5.5 | 5.1 | 4.7 | 0.46 | 0.46 | 0.36 | 0.28 | 0.28 | 0.24 | 27.3 | 24.4 | 22.2 | 23.9 | 21.2 | 19.7 | 1.28 | 1.10 | 1.04 | 0.87 | 0.79 | 0.67 | 94 | 2.95 |
| 15 | 15.5 | 14.9 | 12.2 | 12.5 | 11.8 | 10.3 | 0.84 | 0.84 | 0.64 | 0.52 | 0.52 | 0.43 | 28.6 | 25.0 | 22.7 | 24.6 | 21.4 | 20.0 | 1.30 | 1.11 | 1.05 | 0.89 | 0.80 | 0.68 | 141 | 3.75 |
| 16 | 7.8 | 8.0 | 6.3 | 6.5 | 6.0 | 5.4 | 0.52 | 0.52 | 0.39 | 0.32 | 0.32 | 0.26 | 28.5 | 24.7 | 22.4 | 24.3 | 21.0 | 19.6 | 1.34 | 1.13 | 1.07 | 0.90 | 0.81 | 0.69 | 162 | 4.58 |
| 17 | 16.0 | 15.6 | 12.8 | 13.0 | 12.3 | 10.9 | 0.92 | 0.92 | 0.70 | 0.58 | 0.58 | 0.47 | 27.1 | 23.4 | 21.2 | 23.0 | 19.9 | 18.5 | 1.26 | 1.07 | 1.01 | 0.84 | 0.76 | 0.65 | 129 | 3.41 |
| 18 | 15.9 | 15.5 | 12.7 | 12.9 | 12.2 | 10.8 | 0.92 | 0.92 | 0.68 | 0.57 | 0.57 | 0.45 | 28.5 | 24.6 | 22.2 | 24.4 | 20.9 | 19.4 | 1.37 | 1.16 | 1.09 | 0.92 | 0.83 | 0.70 | 163 | 4.75 |
| 19 | 17.9 | 16.9 | 13.9 | 14.3 | 13.3 | 11.6 | 1.03 | 1.03 | 0.75 | 0.62 | 0.62 | 0.48 | 29.0 | 25.0 | 22.3 | 24.7 | 21.1 | 19.5 | 1.41 | 1.20 | 1.13 | 0.95 | 0.86 | 0.72 | 155 | 4.92 |
| 20 | 18.8 | 17.9 | 14.2 | 15.3 | 14.5 | 12.3 | 0.98 | 0.98 | 0.71 | 0.63 | 0.63 | 0.44 | 29.4 | 25.4 | 22.6 | 25.2 | 21.5 | 19.8 | 1.45 | 1.23 | 1.16 | 0.98 | 0.89 | 0.75 | 120 | 4.05 |
| 21 | 23.0 | 21.5 | 17.0 | 18.4 | 17.2 | 14.3 | 1.19 | 1.19 | 0.84 | 0.74 | 0.74 | 0.52 | 29.9 | 25.7 | 22.9 | 25.5 | 21.7 | 19.9 | 1.50 | 1.27 | 1.20 | 1.01 | 0.91 | 0.77 | 152 | 5.50 |
| 22 | 23.6 | 22.2 | 17.6 | 19.1 | 18.1 | 14.9 | 1.22 | 1.30 | 0.85 | 0.76 | 0.76 | 0.54 | 25.2 | 22.3 | 20.2 | 21.7 | 19.0 | 17.8 | 1.29 | 1.10 | 1.04 | 0.88 | 0.79 | 0.67 | 34 | 1.12 |
| 23 | 22.4 | 20.7 | 16.2 | 18.0 | 16.8 | 13.8 | 1.16 | 1.16 | 0.80 | 0.71 | 0.71 | 0.51 | 13.4 | 11.2 | 9.9 | 11.1 | 9.2 | 8.5 | 0.77 | 0.62 | 0.58 | 0.51 | 0.44 | 0.38 | 0 | 0.00 |
| 24 | 14.0 | 13.6 | 11.2 | 11.2 | 10.7 | 9.5 | 0.88 | 0.88 | 0.62 | 0.54 | 0.54 | 0.38 | 29.0 | 25.2 | 22.4 | 25.0 | 21.5 | 19.7 | 1.52 | 1.28 | 1.20 | 1.02 | 0.92 | 0.78 | 181 | 6.61 |
| 25 | 17.6 | 16.7 | 13.7 | 14.1 | 13.2 | 11.3 | 1.02 | 1.02 | 0.71 | 0.62 | 0.62 | 0.44 | 29.9 | 25.7 | 22.8 | 25.6 | 22.0 | 20.0 | 1.53 | 1.29 | 1.21 | 1.03 | 0.93 | 0.78 | 189 | 7.04 |
| 26 | 18.2 | 15.7 | 13.6 | 14.4 | 12.2 | 11.3 | 1.05 | 0.99 | 0.72 | 0.63 | 0.59 | 0.45 | 27.3 | 23.2 | 20.8 | 23.0 | 19.7 | 18.1 | 1.27 | 1.07 | 1.00 | 0.86 | 0.76 | 0.65 | 38 | 1.05 |
| 27 | 20.6 | 19.7 | 15.9 | 16.6 | 16.1 | 13.6 | 1.11 | 1.11 | 0.76 | 0.69 | 0.69 | 0.50 | 27.5 | 24.3 | 21.9 | 23.8 | 21.1 | 19.2 | 1.39 | 1.20 | 1.13 | 0.95 | 0.87 | 0.73 | 112 | 4.32 |
| 28 | 8.5 | 8.1 | 6.3 | 6.9 | 6.1 | 5.1 | 0.59 | 0.59 | 0.40 | 0.36 | 0.36 | 0.23 | 26.5 | 23.1 | 20.8 | 23.0 | 20.0 | 18.3 | 1.35 | 1.16 | 1.09 | 0.92 | 0.84 | 0.71 | 128 | 4.83 |
| 29 | 11.0 | 11.0 | 9.0 | 8.8 | 8.5 | 7.7 | 0.70 | 0.70 | 0.49 | 0.43 | 0.43 | 0.31 | 27.7 | 24.3 | 21.7 | 23.8 | 20.7 | 19.0 | 1.46 | 1.24 | 1.16 | 0.99 | 0.89 | 0.75 | 108 | 4.40 |
| 30 | 9.6 | 9.4 | 7.9 | 7.6 | 7.4 | 6.7 | 0.66 | 0.66 | 0.47 | 0.41 | 0.41 | 0.29 | 26.5 | 22.9 | 20.5 | 22.6 | 19.5 | 17.9 | 1.36 | 1.15 | 1.09 | 0.92 | 0.83 | 0.71 | 123 | 4.28 |
| Monthly Total | 528.7 | 500.4 | 399.7 | 424.7 | 398.4 | 335.8 | 29.48 | 29.59 | 22.10 | 18.45 | 18.45 | 14.49 | 852.5 | 737.6 | 661.0 | 729.3 | 629.0 | 578.1 | 42.33 | 35.89 | 33.88 | 28.68 | 25.68 | 21.88 | 3893 | 127.87 |
| YTD [†] Total | 3304.1 | 3634.7 | 3238.9 | 2705.2 | 2894.8 | 2762.1 | 174.60 | 205.58 | 178.89 | 111.85 | 126.62 | 105.73 | 3968.0 | 4194.3 | 4090.1 | 3347.0 | 3589.9 | 3605.8 | 189.17 | 180.77 | 178.29 | 131.03 | 133.04 | 122.53 | 19632.06 | 614.02 |

[†] Year To Date

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



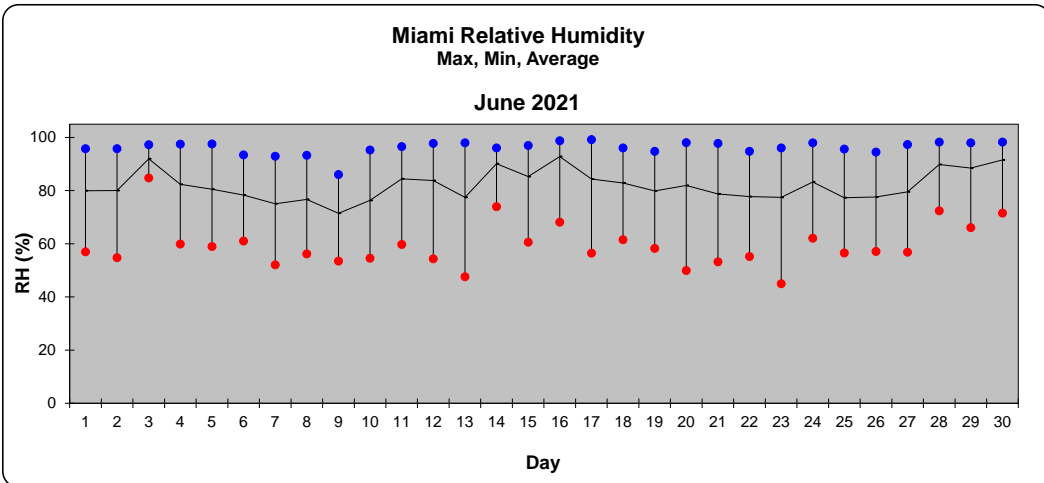
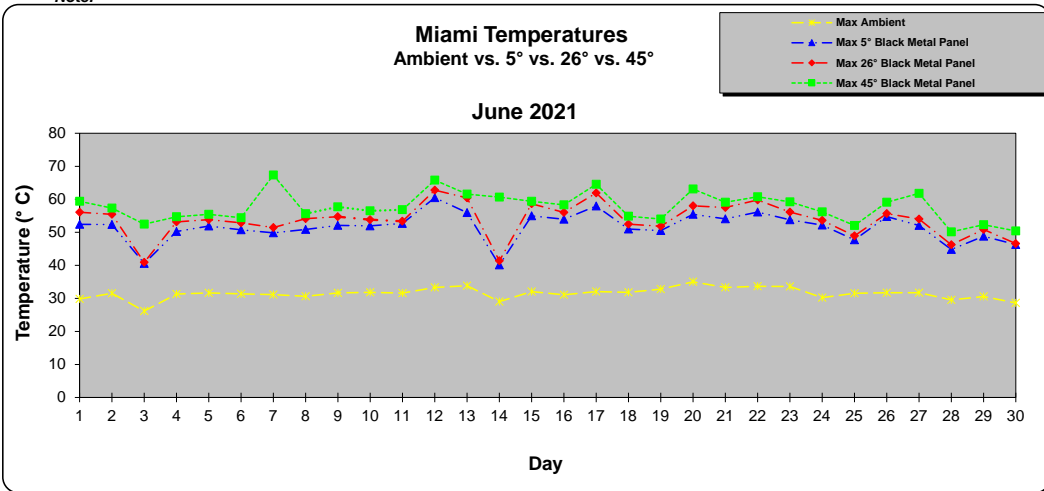


Latitude 25° 34' North, Longitude 80° 28' West, Elevation 2 (m)

| 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) |
| June | ° C | | | 5 ° | | | 26 ° | | | 45 ° | | | | | | | | | |
| Day | Max | Min | Avg. | Max | Min | Avg. | Max | Min | Avg. | Max | Min | Avg. | Max | Min | Avg. | Max | Avg. | Avg. | Total |
| 1 | 30 | 22 | 26 | 52 | 21 | 29 | 56 | 21 | 29 | 59 | 23 | 36 | 96 | 57 | 80 | 23.4 | 0.0 | 90° | 31.0 |
| 2 | 32 | 22 | 26 | 52 | 21 | 29 | 55 | 21 | 30 | 57 | 22 | 31 | 96 | 55 | 80 | 18.7 | 0.3 | 97° | 0.3 |
| 3 | 26 | 23 | 24 | 41 | 21 | 25 | 41 | 21 | 25 | 52 | 24 | 35 | 97 | 85 | 92 | 19.0 | 0.0 | 127° | 51.3 |
| 4 | 31 | 22 | 26 | 50 | 21 | 30 | 53 | 21 | 30 | 55 | 24 | 34 | 98 | 60 | 82 | 19.0 | 0.0 | 113° | 0.3 |
| 5 | 32 | 23 | 27 | 52 | 21 | 31 | 54 | 21 | 31 | 55 | 26 | 34 | 98 | 59 | 81 | 19.8 | 0.0 | 115° | 0.0 |
| 6 | 31 | 25 | 28 | 51 | 24 | 32 | 53 | 24 | 32 | 54 | 24 | 33 | 94 | 61 | 78 | 23.7 | 1.8 | 109° | 0.3 |
| 7 | 31 | 25 | 27 | 50 | 23 | 32 | 51 | 23 | 32 | 67 | 22 | 37 | 93 | 52 | 75 | 24.1 | 2.1 | 103° | 13.2 |
| 8 | 31 | 23 | 27 | 51 | 22 | 31 | 54 | 22 | 32 | 56 | 25 | 37 | 93 | 56 | 77 | 21.9 | 0.3 | 95° | 0.0 |
| 9 | 32 | 24 | 28 | 52 | 22 | 32 | 55 | 22 | 32 | 58 | 22 | 34 | 86 | 54 | 71 | 18.3 | 1.4 | 94° | 0.0 |
| 10 | 32 | 22 | 27 | 52 | 21 | 31 | 54 | 21 | 32 | 57 | 24 | 34 | 95 | 55 | 76 | 20.1 | 0.0 | 111° | 0.0 |
| 11 | 32 | 23 | 26 | 53 | 21 | 29 | 53 | 21 | 29 | 57 | 24 | 32 | 97 | 60 | 84 | 15.4 | 0.0 | 130° | 0.0 |
| 12 | 33 | 23 | 27 | 60 | 21 | 30 | 63 | 21 | 30 | 66 | 23 | 34 | 98 | 54 | 84 | 15.1 | 0.0 | 166° | 0.0 |
| 13 | 34 | 23 | 28 | 56 | 21 | 31 | 60 | 21 | 32 | 62 | 24 | 35 | 98 | 48 | 77 | 22.3 | 0.0 | 212° | 0.3 |
| 14 | 29 | 22 | 25 | 40 | 21 | 26 | 41 | 21 | 26 | 61 | 23 | 35 | 96 | 74 | 90 | 17.6 | 0.0 | 192° | 9.7 |
| 15 | 32 | 23 | 26 | 55 | 22 | 29 | 59 | 22 | 30 | 59 | 23 | 38 | 97 | 61 | 85 | 18.3 | 0.0 | 187° | 2.0 |
| 16 | 31 | 21 | 24 | 54 | 20 | 26 | 56 | 20 | 26 | 58 | 25 | 37 | 99 | 68 | 93 | 22.6 | 0.0 | 149° | 113.8 |
| 17 | 32 | 21 | 26 | 58 | 20 | 30 | 62 | 20 | 30 | 65 | 21 | 34 | 99 | 56 | 84 | 14.7 | 0.0 | 94° | 0.0 |
| 18 | 32 | 25 | 28 | 51 | 24 | 31 | 52 | 24 | 31 | 55 | 25 | 33 | 96 | 62 | 83 | 19.8 | 0.0 | 89° | 0.3 |
| 19 | 33 | 26 | 29 | 51 | 24 | 32 | 52 | 24 | 32 | 54 | 25 | 33 | 95 | 58 | 80 | 15.4 | 0.0 | 107° | 0.0 |
| 20 | 35 | 25 | 29 | 55 | 24 | 32 | 58 | 24 | 33 | 63 | 26 | 41 | 98 | 50 | 82 | 14.4 | 0.0 | 153° | 2.3 |
| 21 | 33 | 25 | 29 | 54 | 24 | 33 | 57 | 24 | 34 | 59 | 26 | 40 | 98 | 53 | 79 | 16.5 | 0.0 | 129° | 0.0 |
| 22 | 34 | 26 | 29 | 56 | 25 | 33 | 60 | 25 | 34 | 61 | 26 | 35 | 95 | 55 | 78 | 18.3 | 0.0 | 136° | 0.0 |
| 23 | 34 | 23 | 27 | 54 | 22 | 32 | 56 | 22 | 32 | 59 | 24 | 34 | 96 | 45 | 77 | 17.2 | 0.0 | 115° | 0.0 |
| 24 | 30 | 23 | 26 | 52 | 22 | 28 | 54 | 22 | 28 | 56 | 25 | 31 | 98 | 62 | 83 | 19.8 | 0.0 | 79° | 0.8 |
| 25 | 32 | 24 | 28 | 48 | 22 | 31 | 49 | 22 | 31 | 52 | 24 | 33 | 96 | 57 | 77 | 23.0 | 0.0 | 87° | 0.8 |
| 26 | 32 | 24 | 28 | 55 | 22 | 31 | 56 | 22 | 31 | 59 | 21 | 34 | 95 | 57 | 78 | 18.3 | 0.7 | 90° | 5.6 |
| 27 | 32 | 23 | 27 | 52 | 22 | 31 | 54 | 22 | 31 | 62 | 23 | 39 | 97 | 57 | 80 | 25.2 | 0.0 | 87° | 0.0 |
| 28 | 30 | 23 | 25 | 45 | 21 | 26 | 46 | 21 | 26 | 50 | 13 | 30 | 98 | 72 | 90 | 17.6 | 0.0 | 93° | 39.9 |
| 29 | 31 | 23 | 26 | 49 | 22 | 28 | 51 | 22 | 28 | 52 | 16 | 31 | 98 | 66 | 88 | 18.3 | 0.0 | 115° | 5.1 |
| 30 | 29 | 23 | 25 | 46 | 22 | 27 | 47 | 22 | 26 | 50 | 10 | 31 | 98 | 72 | 92 | 19.4 | 0.0 | 82° | 13.2 |
| Monthly Avg. | 31 | 23 | 27 | 52 | 22 | 30 | 54 | 22 | 30 | 58 | 23 | 34 | 96 | 59 | 82 | 19.2 | 0.2 | 118° | |
| Monthly Total | | | | | | | | | | | | | | | | | | | 289.8 |
| YTD [†] Avg. | 29 | 18 | 23 | 52 | 17 | 27 | 53 | 17 | 27 | 53 | 17 | 29 | 95 | 51 | 77 | 17.0 | 0.6 | 94° | |
| YTD [†] Total | | | | | | | | | | | | | | | | | | | 542.7 |

[†] Year To Date

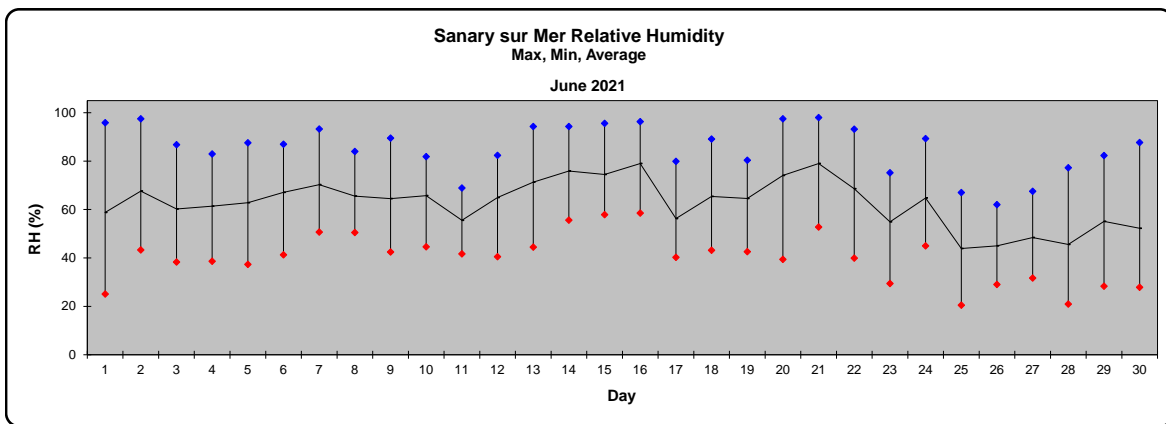
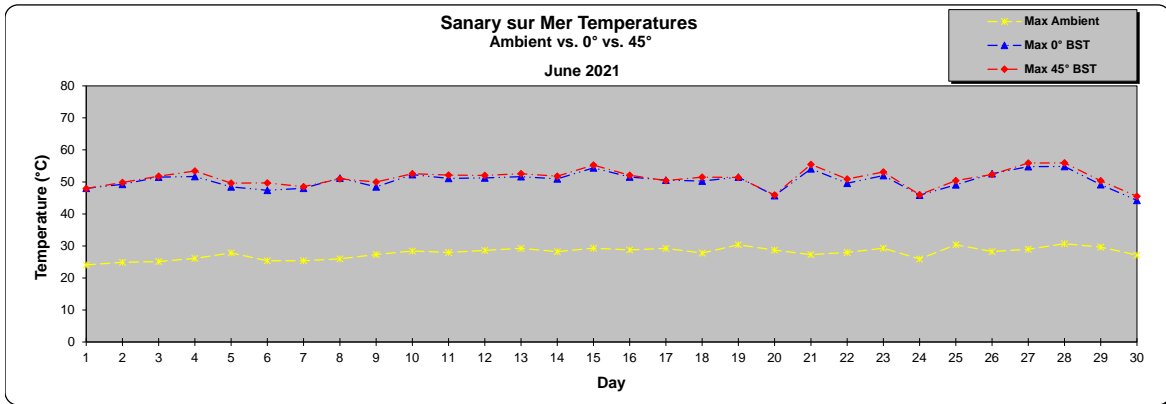
Note:



| 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°/10°=N | Rainfall (mm) | |
| June | °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 | 24 | 13 | 18 | 48 | 10 | 23 | 48 | 10 | 22 | 45 | 10 | 21 | 44 | 9 | 21 | 49 | * | * | 49 | 10 | 22 | 96 | 25 | 59 | 6.3 | 1.2 | 76° | 3.8 | |
| 2 | 25 | 14 | 19 | 49 | 14 | 25 | 50 | 14 | 25 | * | 14 | * | 44 | 13 | 23 | 50 | * | * | 49 | 14 | 25 | 98 | 43 | 68 | 6.7 | 1.4 | 90° | 0.5 | |
| 3 | 25 | 14 | 20 | 52 | 12 | 26 | 52 | 12 | 25 | 46 | 12 | 25 | 46 | 11 | 24 | 52 | * | * | 53 | 12 | 25 | 87 | 38 | 60 | 7.3 | 1.2 | 82° | 0.0 | |
| 4 | 26 | 15 | 20 | 52 | 12 | 26 | 53 | 12 | 25 | 47 | 11 | 25 | 48 | 11 | 24 | 51 | * | * | 53 | 12 | 25 | 83 | 39 | 61 | 5.4 | 0.8 | 103° | 0.0 | |
| 5 | 28 | 15 | 22 | 48 | 13 | 28 | 50 | 13 | 27 | 45 | 13 | 26 | 45 | 12 | 25 | 50 | * | * | 51 | 13 | 28 | 88 | 37 | 63 | 5.2 | 1.0 | 265° | 0.0 | |
| 6 | 25 | 15 | 20 | 47 | 12 | 27 | 50 | 12 | 26 | 43 | 12 | 25 | 43 | 12 | 24 | 49 | * | * | 50 | 13 | 26 | 87 | 41 | 67 | 4.9 | 0.9 | 278° | 0.0 | |
| 7 | 25 | 15 | 20 | 48 | 13 | 27 | 48 | 13 | 26 | 44 | 13 | 25 | 43 | 12 | 24 | 50 | * | * | 49 | 13 | 26 | 93 | 51 | 70 | 5.0 | 0.9 | 273° | 0.0 | |
| 8 | 26 | 15 | 21 | 51 | 13 | 28 | 51 | 13 | 26 | 48 | 13 | 26 | 48 | 13 | 25 | 54 | * | * | 53 | 13 | 27 | 84 | 51 | 66 | 4.4 | 0.9 | 229° | 0.0 | |
| 9 | 27 | 17 | 22 | 48 | 14 | 29 | 50 | 14 | 28 | * | 14 | * | 46 | 13 | 26 | 52 | * | * | 52 | 14 | 28 | 90 | 42 | 65 | 4.6 | 0.9 | 282° | 0.0 | |
| 10 | 28 | 17 | 23 | 52 | 15 | 29 | 53 | 15 | 29 | 48 | 14 | 28 | 47 | 14 | 27 | 54 | * | * | 53 | 15 | 29 | 82 | 45 | 66 | 4.4 | 0.7 | 42° | 0.0 | |
| 11 | 28 | 19 | 23 | 51 | 16 | 30 | 52 | 16 | 29 | * | 16 | * | 47 | 16 | 27 | 53 | * | * | 54 | 17 | 29 | 69 | 42 | 56 | 4.1 | 0.8 | 247° | 0.0 | |
| 12 | 29 | 18 | 23 | 51 | 16 | 30 | 52 | 15 | 29 | 48 | 15 | 28 | 48 | 15 | 27 | 53 | * | * | 54 | 16 | 29 | 82 | 41 | 65 | 4.0 | 0.8 | 246° | 0.0 | |
| 13 | 29 | 18 | 24 | 52 | 15 | 31 | 53 | 15 | 30 | 48 | 15 | 29 | 47 | 14 | 28 | 54 | * | * | 54 | 15 | 30 | 94 | 44 | 71 | 4.6 | 0.9 | 134° | 0.0 | |
| 14 | 28 | 18 | 23 | 51 | 16 | 31 | 52 | 16 | 30 | * | 16 | * | 47 | 15 | 28 | 52 | * | * | 52 | 16 | 30 | 94 | 56 | 76 | 4.3 | 0.8 | 243° | 0.0 | |
| 15 | 29 | 18 | 24 | 54 | 16 | 32 | 55 | 16 | 31 | * | 16 | * | 50 | 15 | 29 | 54 | * | * | 55 | 16 | 31 | 96 | 58 | 75 | 5.8 | 0.9 | 98° | 0.3 | |
| 16 | 29 | 20 | 24 | 52 | 18 | 31 | 52 | 18 | 30 | * | 18 | * | 47 | 18 | 29 | 52 | * | * | 52 | 19 | 30 | 96 | 59 | 79 | 7.1 | 1.3 | 90° | 0.0 | |
| 17 | 29 | 20 | 25 | 51 | 18 | 29 | 50 | 18 | 29 | * | 18 | * | 46 | 18 | 27 | 50 | * | * | 51 | 19 | 29 | 80 | 40 | 56 | 7.3 | 1.9 | 93° | 0.0 | |
| 18 | 28 | 21 | 25 | 50 | 19 | 31 | 52 | 19 | 30 | 45 | 19 | 29 | 46 | 18 | 28 | 50 | * | * | 52 | 19 | 30 | 89 | 43 | 65 | 8.5 | 1.9 | 105° | 0.0 | |
| 19 | 30 | 21 | 25 | 51 | 19 | 29 | 51 | 19 | 28 | 47 | 19 | 27 | 47 | 19 | 27 | 51 | * | * | 51 | 20 | 28 | 80 | 43 | 65 | 7.4 | 1.2 | 102° | 0.0 | |
| 20 | 29 | 22 | 24 | 46 | 20 | 27 | 46 | 20 | 26 | 42 | 20 | 26 | 43 | 20 | 25 | 49 | * | * | 48 | 20 | 26 | 98 | 39 | 74 | 8.4 | 1.6 | 99° | 0.0 | |
| 21 | 27 | 19 | 23 | 54 | 17 | 29 | 55 | 16 | 29 | 49 | 16 | 28 | 50 | 16 | 27 | 55 | * | * | 56 | 17 | 29 | 98 | 53 | 79 | 5.5 | 1.1 | 99° | 0.0 | |
| 22 | 28 | 19 | 23 | 50 | 17 | 29 | 51 | 16 | 28 | 45 | 16 | 27 | 44 | 16 | 26 | 52 | * | * | 52 | 17 | 28 | 93 | 40 | 69 | 4.4 | 1.1 | 282° | 0.0 | |
| 23 | 29 | 17 | 23 | 52 | 15 | 28 | 53 | 14 | 27 | 47 | 14 | 27 | 47 | 14 | 26 | 54 | * | * | 55 | 15 | 28 | 75 | 29 | 55 | 5.0 | 0.9 | 272° | 0.0 | |
| 24 | 26 | 18 | 22 | 46 | 15 | 28 | 46 | 15 | 27 | * | 15 | * | 39 | 15 | 25 | 46 | * | * | 46 | 15 | 27 | 89 | 45 | 65 | 6.9 | 1.3 | 268° | 0.0 | |
| 25 | 30 | 17 | 24 | 49 | 15 | 29 | 50 | 14 | 29 | 44 | 14 | 27 | 44 | 14 | 26 | 51 | * | * | 52 | 15 | 29 | 67 | 20 | 44 | 6.3 | 1.2 | 272° | 0.0 | |
| 26 | 28 | 17 | 23 | 53 | 14 | 29 | 52 | 13 | 29 | 50 | 13 | 28 | 48 | 13 | 27 | 55 | * | * | 54 | 14 | 29 | 62 | 29 | 45 | 4.7 | 0.7 | 190° | 0.0 | |
| 27 | 29 | 18 | 24 | 55 | 15 | 31 | 56 | 15 | 30 | * | 15 | * | 51 | 15 | 28 | 56 | * | * | 57 | 16 | 30 | 68 | 32 | 48 | 5.1 | 0.9 | 82° | 0.0 | |
| 28 | 31 | 19 | 24 | 55 | 16 | 31 | 56 | 16 | 30 | 50 | 15 | 29 | 51 | 15 | 28 | 55 | * | * | 56 | 16 | 30 | 77 | 21 | 46 | 7.0 | 1.1 | 79° | 0.0 | |
| 29 | 30 | 18 | 23 | 49 | 15 | 28 | 50 | 15 | 28 | * | 15 | * | 45 | 14 | 26 | 52 | * | * | 51 | 15 | 28 | 82 | 28 | 55 | 6.9 | 1.3 | 275° | 0.0 | |
| 30 | 27 | 17 | 22 | 44 | 15 | 27 | 46 | 15 | 26 | * | 15 | ** | 39 | 14 | 24 | 46 | * | * | 46 | 15 | 26 | 88 | 28 | 52 | 8.8 | 1.8 | 262° | 0.0 | |
| Monthly Avg. | 28 | 17 | 23 | 50 | 15 | 29 | 51 | 15 | 28 | 46 | 15 | 27 | 46 | 14 | 26 | 52 | ### | ### | 52 | 15 | 28 | 85 | 40 | 63 | 5.9 | 1.1 | 175° | | |
| Monthly Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| YTD [†] Avg. | 19 | 10 | 14 | 45 | 12 | 22 | 47 | 11 | 22 | 44 | 12 | 22 | 42 | 11 | 20 | 47 | 10 | 17 | 49 | 12 | 22 | 84 | 42 | 64 | 6.3 | 1.2 | 170° | | |
| YTD [†] Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

[†] Year To Date

Note: *No data available



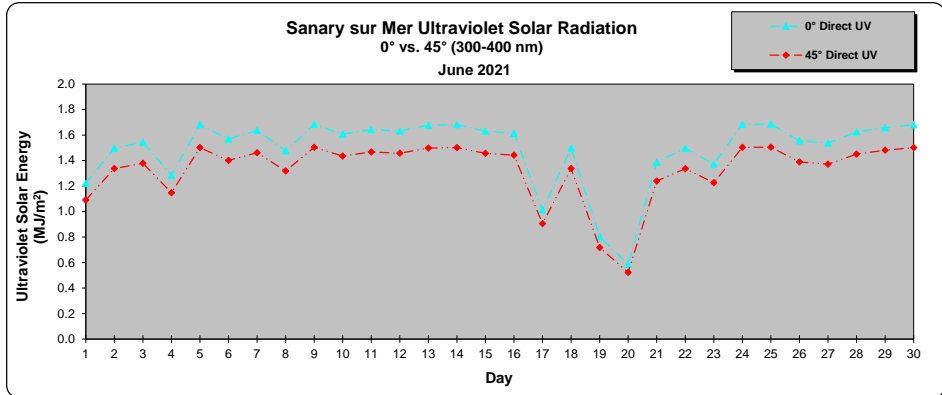
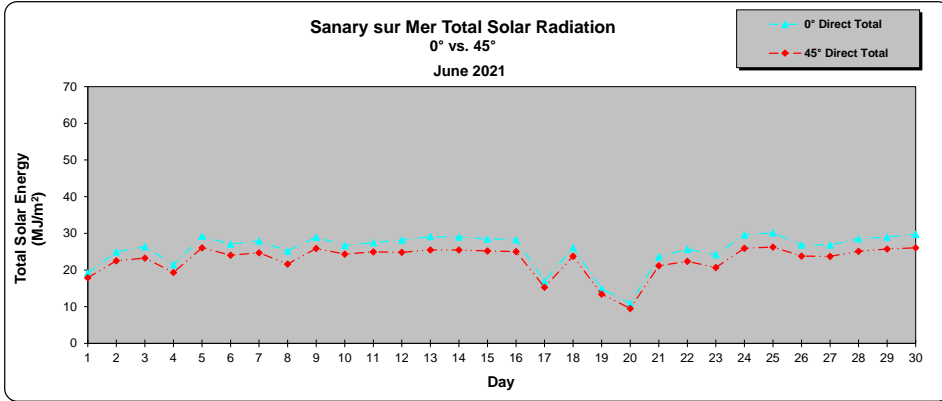
Solar Radiation Summary
June 2021
Sanary sur Mer, France

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

| AWSG Solar Radiation Summary | | | | | | |
|------------------------------|--|---------------|--|---------------|---------------|---------------|
| Month | Total Solar Radiation (MJ/m ²) | | Ultraviolet Solar Radiation (MJ/m ²) | | | |
| | Direct | | 295-385 nm | | 300-400 nm | |
| June | 0° | 45° | 0° | 45° | 0° | 45° |
| 1 | 19.2 | 17.9 | 0.93 | 0.83 | 1.22 | 1.09 |
| 2 | 24.9 | 22.5 | 1.14 | 1.02 | 1.50 | 1.34 |
| 3 | 26.4 | 23.3 | 1.17 | 1.05 | 1.54 | 1.38 |
| 4 | 21.5 | 19.3 | 0.98 | 0.87 | 1.29 | 1.15 |
| 5 | 29.2 | 26.1 | 1.28 | 1.14 | 1.68 | 1.50 |
| 6 | 27.1 | 24.1 | 1.19 | 1.07 | 1.57 | 1.40 |
| 7 | 27.9 | 24.7 | 1.25 | 1.11 | 1.64 | 1.46 |
| 8 | 25.2 | 21.6 | 1.12 | 1.00 | 1.48 | 1.32 |
| 9 | 29.0 | 25.9 | 1.28 | 1.15 | 1.68 | 1.50 |
| 10 | 26.7 | 24.3 | 1.22 | 1.09 | 1.61 | 1.44 |
| 11 | 27.5 | 25.0 | 1.25 | 1.12 | 1.64 | 1.47 |
| 12 | 28.2 | 24.8 | 1.24 | 1.11 | 1.63 | 1.46 |
| 13 | 29.1 | 25.5 | 1.28 | 1.14 | 1.68 | 1.50 |
| 14 | 29.0 | 25.5 | 1.28 | 1.14 | 1.68 | 1.50 |
| 15 | 28.5 | 25.2 | 1.24 | 1.11 | 1.63 | 1.46 |
| 16 | 28.3 | 25.0 | 1.23 | 1.10 | 1.62 | 1.44 |
| 17 | 17.0 | 15.3 | 0.77 | 0.69 | 1.01 | 0.91 |
| 18 | 26.1 | 23.8 | 1.14 | 1.02 | 1.50 | 1.34 |
| 19 | 14.9 | 13.4 | 0.61 | 0.55 | 0.80 | 0.72 |
| 20 | 10.9 | 9.5 | 0.45 | 0.40 | 0.59 | 0.52 |
| 21 | 23.6 | 21.2 | 1.06 | 0.94 | 1.39 | 1.24 |
| 22 | 25.7 | 22.4 | 1.14 | 1.02 | 1.50 | 1.34 |
| 23 | 24.2 | 20.7 | 1.04 | 0.93 | 1.37 | 1.23 |
| 24 | 29.6 | 25.9 | 1.28 | 1.14 | 1.68 | 1.50 |
| 25 | 30.1 | 26.3 | 1.28 | 1.15 | 1.69 | 1.51 |
| 26 | 26.8 | 23.8 | 1.18 | 1.06 | 1.56 | 1.39 |
| 27 | 26.8 | 23.7 | 1.17 | 1.04 | 1.54 | 1.37 |
| 28 | 28.5 | 25.1 | 1.24 | 1.10 | 1.63 | 1.45 |
| 29 | 29.0 | 25.7 | 1.26 | 1.13 | 1.66 | 1.48 |
| 30 | 29.8 | 26.1 | 1.28 | 1.14 | 1.68 | 1.50 |
| Monthly Total | 770.6 | 683.5 | 34.00 | 30.36 | 44.68 | 39.89 |
| YTD¹ Total | 2975.4 | 3463.8 | 149.24 | 161.04 | 134.09 | 141.91 |

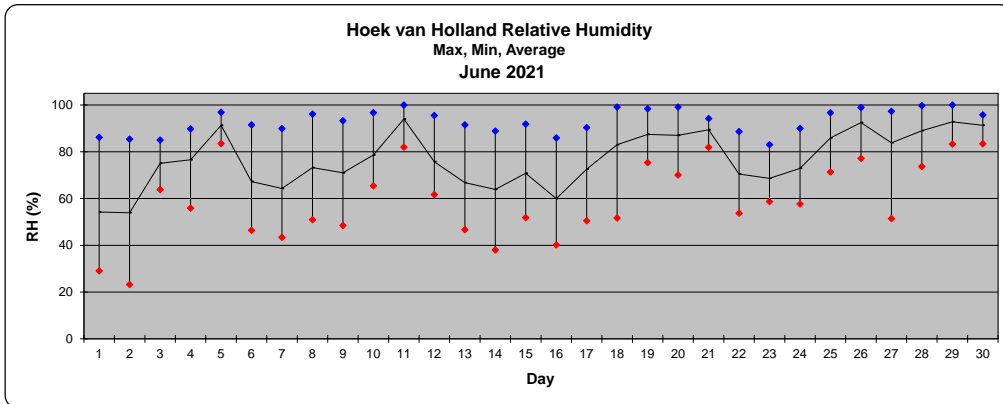
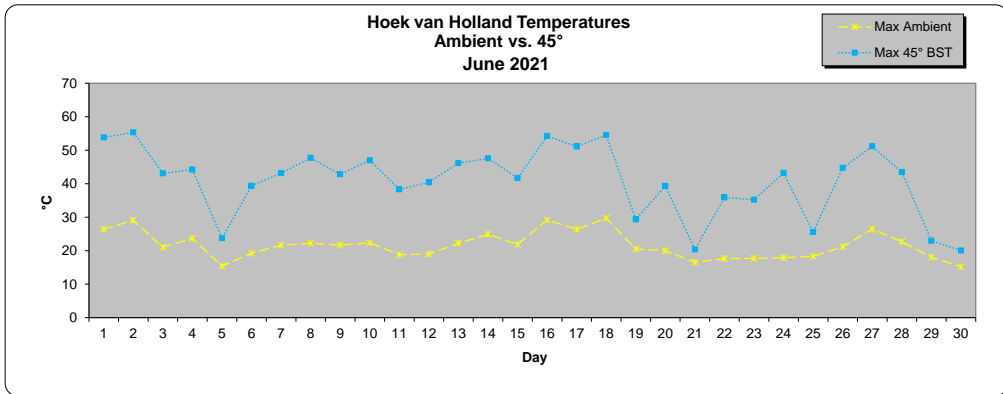
¹ Year To Date Total Solar Radiation - (290-3000 nm) Ultraviolet Solar Radiation - (295-385 nm) or (300-400 nm).

Note:



| 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) |
| June | Max | Min | Avg | Max | Min | Avg | Max | Min | Avg | Max | Avg | Avg | Total |
| 1 | 26 | 11 | 19 | 54 | 4 | 24 | 86 | 29 | 54 | 7.6 | 1.3 | 58° | 0.0 |
| 2 | 29 | 13 | 21 | 55 | 6 | 27 | 85 | 23 | 54 | 5.0 | 1.4 | 61° | 0.0 |
| 3 | 21 | 16 | 19 | 43 | 12 | 23 | 85 | 64 | 75 | 7.4 | 2.7 | 197° | 0.0 |
| 4 | 24 | 14 | 18 | 44 | 9 | 21 | 90 | 56 | 77 | 7.7 | 2.7 | 297° | 0.0 |
| 5 | 15 | 13 | 14 | 24 | 8 | 13 | 97 | 84 | 91 | 7.7 | 3.7 | 312° | 0.0 |
| 6 | 19 | 12 | 16 | 39 | 7 | 19 | 92 | 46 | 67 | 8.0 | 3.5 | 319° | 0.0 |
| 7 | 22 | 10 | 16 | 43 | 4 | 20 | 90 | 43 | 64 | 9.2 | 2.8 | 357° | 0.0 |
| 8 | 22 | 11 | 18 | 48 | 4 | 22 | 96 | 51 | 73 | 6.5 | 1.9 | 349° | 0.0 |
| 9 | 22 | 14 | 18 | 43 | 7 | 22 | 93 | 48 | 71 | 6.2 | 2.1 | 243° | 0.0 |
| 10 | 22 | 15 | 18 | 47 | 9 | 23 | 97 | 65 | 79 | 7.1 | 2.5 | 213° | 0.0 |
| 11 | 19 | 15 | 16 | 38 | 11 | 17 | 100 | 82 | 94 | 7.5 | 3.1 | 195° | 0.0 |
| 12 | 19 | 12 | 16 | 40 | 6 | 20 | 96 | 62 | 76 | 7.7 | 3.7 | 284° | 0.0 |
| 13 | 22 | 10 | 17 | 46 | 4 | 22 | 92 | 47 | 67 | 4.7 | 1.9 | 305° | 0.0 |
| 14 | 25 | 12 | 19 | 48 | 6 | 24 | 89 | 38 | 64 | 7.7 | 2.5 | 309° | 0.0 |
| 15 | 22 | 15 | 18 | 42 | 8 | 21 | 92 | 52 | 71 | 7.3 | 2.9 | 350° | 0.0 |
| 16 | 29 | 13 | 22 | 54 | 7 | 27 | 86 | 40 | 60 | 5.4 | 1.3 | 75° | 0.0 |
| 17 | 26 | 18 | 22 | 51 | 14 | 24 | 90 | 51 | 73 | 11.3 | 2.5 | 343° | 0.0 |
| 18 | 30 | 17 | 22 | 55 | 14 | 26 | 99 | 52 | 83 | 10.2 | 2.1 | 35° | 15.8 |
| 19 | 20 | 15 | 17 | 29 | 12 | 16 | 98 | 75 | 87 | 8.8 | 3.5 | 265° | 0.3 |
| 20 | 20 | 15 | 17 | 39 | 11 | 20 | 99 | 70 | 87 | 9.3 | 3.2 | 310° | 38.4 |
| 21 | 17 | 13 | 14 | 20 | 9 | 12 | 94 | 82 | 89 | 8.9 | 4.3 | 7° | 7.6 |
| 22 | 18 | 12 | 15 | 36 | 8 | 17 | 89 | 54 | 71 | 11.7 | 5.1 | 0° | 0.0 |
| 23 | 18 | 12 | 14 | 35 | 7 | 15 | 83 | 59 | 69 | 8.4 | 3.2 | 356° | 0.0 |
| 24 | 18 | 11 | 15 | 43 | 5 | 18 | 90 | 58 | 73 | 6.0 | 2.5 | 319° | 0.0 |
| 25 | 18 | 13 | 16 | 26 | 8 | 14 | 97 | 71 | 86 | 8.4 | 3.5 | 176° | 3.3 |
| 26 | 21 | 15 | 17 | 45 | 11 | 18 | 99 | 77 | 93 | 6.6 | 2.0 | 358° | 6.1 |
| 27 | 26 | 16 | 20 | 51 | 12 | 22 | 97 | 51 | 84 | 9.5 | 2.5 | 33° | 6.1 |
| 28 | 23 | 16 | 19 | 43 | 11 | 20 | 100 | 74 | 89 | 5.2 | 1.7 | 345° | 0.3 |
| 29 | 18 | 15 | 17 | 23 | 11 | 16 | 100 | 83 | 93 | 9.5 | 3.3 | 325° | 1.0 |
| 30 | 15 | 13 | 14 | 20 | 9 | 12 | 96 | 83 | 91 | 7.8 | 3.9 | 319° | 11.2 |
| Monthly Avg. | 22 | 14 | 18 | 41 | 8 | 20 | 93 | 59 | 77 | 7.8 | 2.8 | 237° | |
| Monthly Total | | | | | | | | | | | | | 89.9 |
| YTD¹ Ava. | 12 | 6 | 9 | 26 | 0 | 8 | 93 | 62 | 80 | 9.8 | 3.9 | 203° | |
| YTD¹ Total | | | | | | | | | | | | | 404.6 |

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

June 2021

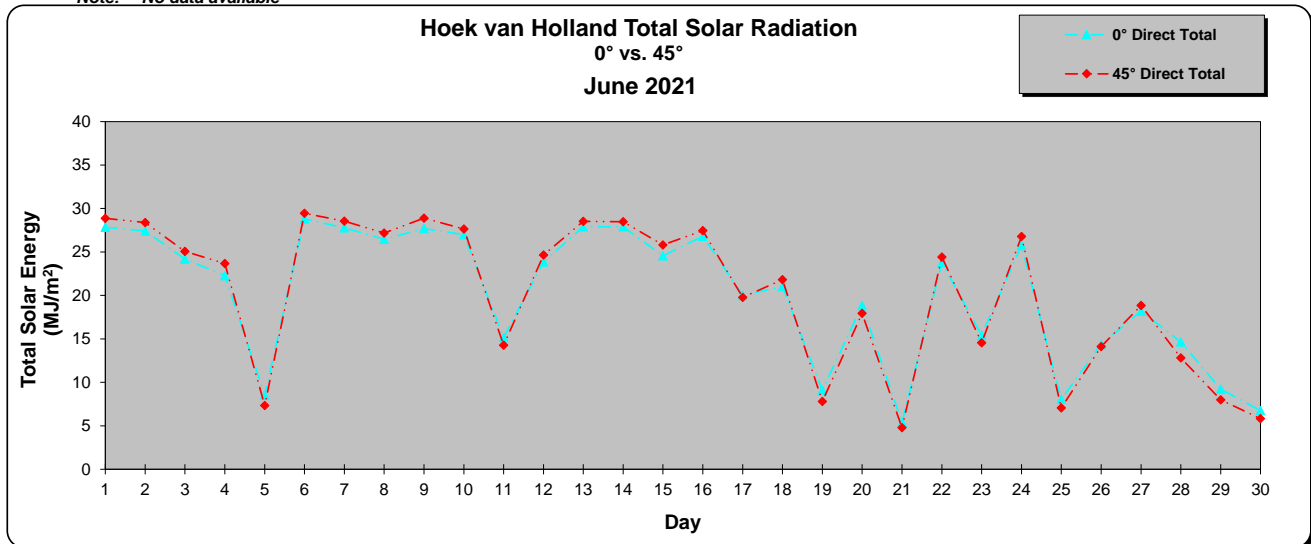
Hoek van Holland, The Netherlands

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

| AWSG | Solar Radiation Summary | |
|------------------------------|--|---------------|
| Month | Total Solar Radiation (MJ/m ²) | |
| June | Direct | |
| Day | 0° | 45° |
| 1 | 27.9 | 28.9 |
| 2 | 27.4 | 28.4 |
| 3 | 24.2 | 25.1 |
| 4 | 22.3 | 23.7 |
| 5 | 8.5 | 7.3 |
| 6 | 28.8 | 29.5 |
| 7 | 27.8 | 28.5 |
| 8 | 26.5 | 27.2 |
| 9 | 27.7 | 28.9 |
| 10 | 27.0 | 27.6 |
| 11 | 15.2 | 14.3 |
| 12 | 23.9 | 24.6 |
| 13 | 27.9 | 28.5 |
| 14 | 27.9 | 28.5 |
| 15 | 24.6 | 25.8 |
| 16 | 26.8 | 27.5 |
| 17 | 20.0 | 19.8 |
| 18 | 21.0 | 21.8 |
| 19 | 9.1 | 7.8 |
| 20 | 18.8 | 18.0 |
| 21 | 5.4 | 4.8 |
| 22 | 23.8 | 24.4 |
| 23 | 15.4 | 14.6 |
| 24 | 25.8 | 26.8 |
| 25 | 8.1 | 7.1 |
| 26 | 14.4 | 14.1 |
| 27 | 18.2 | 18.9 |
| 28 | 14.7 | 12.8 |
| 29 | 9.2 | 8.0 |
| 30 | 6.8 | 5.8 |
| Monthly Total | 604.8 | 608.8 |
| YTD[†] Total | 2182.0 | 2643.0 |

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

Note: * No data available

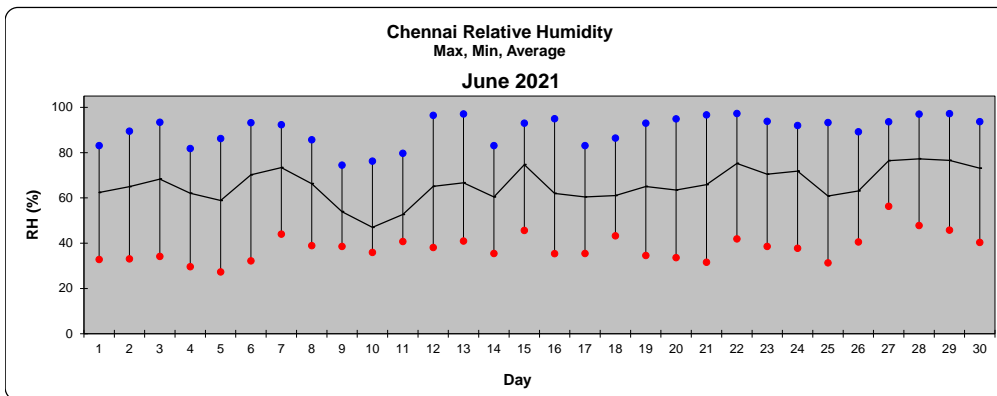
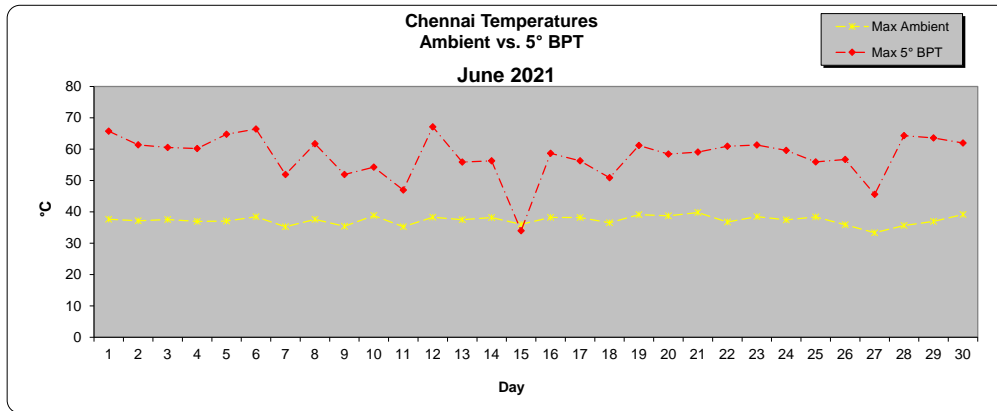


Latitude 12° 35' North, Longitude 79° 48' East Elevation 45 (m)

| 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) |
| June | | | | | | | | | | | | | |
| Day | Max | Min | Avg | Max | Min | Avg | Max | Min | Avg | Max | Avg | Avg | Total |
| 1 | 38 | 27 | 32 | 66 | 26 | 36 | 83 | 33 | 62 | 5.4 | 0.9 | 206° | 0.0 |
| 2 | 37 | 24 | 30 | 61 | 23 | 35 | 90 | 33 | 65 | 4.7 | 1.0 | 257° | 0.5 |
| 3 | 38 | 25 | 30 | 61 | 24 | 35 | 93 | 34 | 68 | 4.1 | 1.0 | 271° | 0.3 |
| 4 | 37 | 26 | 30 | 60 | 24 | 35 | 82 | 30 | 62 | 5.4 | 1.0 | 274° | 0.0 |
| 5 | 37 | 26 | 32 | 65 | 24 | 37 | 86 | 27 | 59 | 5.9 | 1.0 | 233° | 0.0 |
| 6 | 38 | 25 | 30 | 66 | 25 | 34 | 93 | 32 | 70 | 5.1 | 1.1 | 280° | 0.0 |
| 7 | 35 | 25 | 29 | 52 | 24 | 33 | 92 | 44 | 73 | 6.0 | 0.9 | 264° | 0.0 |
| 8 | 38 | 28 | 33 | 62 | 25 | 39 | 86 | 39 | 66 | 4.7 | 1.1 | 299° | 0.3 |
| 9 | 35 | 27 | 31 | 52 | 25 | 34 | 74 | 39 | 54 | 5.2 | 1.9 | 234° | 0.0 |
| 10 | 39 | 28 | 33 | 54 | 27 | 36 | 76 | 36 | 47 | 5.8 | 2.0 | 240° | 0.0 |
| 11 | 35 | 29 | 33 | 47 | 26 | 35 | 80 | 41 | 53 | 5.6 | 1.0 | 252° | 0.0 |
| 12 | 38 | 26 | 32 | 67 | 24 | 35 | 97 | 38 | 65 | 4.8 | 1.0 | 225° | 4.1 |
| 13 | 38 | 25 | 31 | 56 | 22 | 36 | 97 | 41 | 67 | 4.3 | 1.6 | 237° | 12.5 |
| 14 | 38 | 27 | 32 | 56 | 25 | 35 | 83 | 35 | 60 | 5.6 | 1.2 | 218° | 0.0 |
| 15 | 36 | 28 | 31 | 34 | 26 | 28 | 93 | 46 | 75 | 5.2 | 0.4 | 125° | 0.0 |
| 16 | 38 | 27 | 32 | 59 | 24 | 35 | 95 | 35 | 62 | 5.6 | 1.1 | 229° | 0.0 |
| 17 | 38 | 27 | 32 | 56 | 25 | 35 | 83 | 35 | 60 | 5.5 | 1.2 | 218° | 0.0 |
| 18 | 37 | 27 | 31 | 51 | 24 | 34 | 86 | 43 | 61 | 6.1 | 0.9 | 214° | 0.0 |
| 19 | 39 | 26 | 31 | 61 | 23 | 35 | 93 | 35 | 65 | 5.6 | 0.8 | 211° | 0.3 |
| 20 | 39 | 26 | 32 | 58 | 23 | 35 | 95 | 34 | 64 | 5.1 | 1.1 | 223° | 0.0 |
| 21 | 40 | 25 | 32 | 59 | 24 | 35 | 97 | 32 | 66 | 5.4 | 1.1 | 238° | 8.4 |
| 22 | 37 | 25 | 30 | 61 | 23 | 34 | 97 | 42 | 75 | 4.2 | 0.9 | 235° | 0.0 |
| 23 | 38 | 27 | 31 | 61 | 25 | 34 | 94 | 39 | 70 | 5.0 | 0.9 | 226° | 0.0 |
| 24 | 37 | 26 | 31 | 60 | 24 | 34 | 92 | 38 | 72 | 5.0 | 1.3 | 306° | 0.0 |
| 25 | 38 | 27 | 32 | 56 | 25 | 35 | 93 | 31 | 61 | 6.2 | 1.4 | 286° | 0.0 |
| 26 | 36 | 28 | 31 | 57 | 25 | 33 | 89 | 41 | 63 | 5.7 | 1.2 | 289° | 0.0 |
| 27 | 33 | 25 | 29 | 46 | 23 | 30 | 94 | 56 | 76 | 4.4 | 1.1 | 252° | 3.6 |
| 28 | 36 | 26 | 30 | 64 | 25 | 33 | 97 | 48 | 77 | 3.4 | 0.8 | 55° | 0.0 |
| 29 | 37 | 26 | 31 | 64 | 24 | 35 | 97 | 46 | 77 | 3.7 | 0.8 | 137° | 0.0 |
| 30 | 39 | 27 | 32 | 62 | 24 | 36 | 94 | 40 | 73 | 4.7 | 0.9 | 130° | 0.0 |
| Monthly Avg. | 37 | 26 | 31 | 58 | 24 | 35 | 90 | 38 | 66 | 5.1 | 1.1 | 229° | |
| Monthly Total | | | | | | | | | | | | | 29.7 |
| YTD [†] Avg. | 35 | 24 | 29 | 59 | 22 | 32 | 97 | 44 | 77 | 4.6 | 0.9 | 140° | |
| YTD [†] Total | | | | | | | | | | | | | 253.0 |

[†] Year To Date

Note: * Data Unavailable



Solar Radiation Summary
June 2021
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) | |
| June | Direct | 295-385 nm | 300-400 nm |
| Day | 5° | 5° | |
| 1 | 20.0 | 0.91 | 1.16 |
| 2 | 20.9 | 0.95 | 1.20 |
| 3 | 22.8 | 1.03 | 1.31 |
| 4 | 22.5 | 1.02 | 1.30 |
| 5 | 21.5 | 1.01 | 1.28 |
| 6 | 21.0 | 0.99 | 1.25 |
| 7 | 20.2 | 0.96 | 1.22 |
| 8 | 20.3 | 0.96 | 1.21 |
| 9 | 18.0 | 0.88 | 1.11 |
| 10 | 20.09 | 0.96 | 1.22 |
| 11 | 18.5 | 0.88 | 1.12 |
| 12 | 19.4 | 0.91 | 1.15 |
| 13 | 21.0 | 0.98 | 1.24 |
| 14 | 21.5 | 1.02 | 1.28 |
| 15 | 21.2 | 1.00 | 1.26 |
| 16 | 21.9 | 0.96 | 1.08 |
| 17 | 22.5 | 0.95 | 1.06 |
| 18 | 18.0 | 0.79 | 0.88 |
| 19 | 20.8 | 0.87 | 0.97 |
| 20 | 24.4 | 1.01 | 1.13 |
| 21 | 24.7 | 1.04 | 1.16 |
| 22 | 20.0 | 0.88 | 0.98 |
| 23 | 18.2 | 0.81 | 0.90 |
| 24 | 21.3 | 0.92 | 1.02 |
| 25 | 25.9 | 1.06 | 1.18 |
| 26 | 15.0 | 0.70 | 0.78 |
| 27 | 10.0 | 0.52 | 0.59 |
| 28 | 16.9 | 0.75 | 0.84 |
| 29 | 21.1 | 0.84 | 0.94 |
| 30 | 23.0 | 0.96 | 1.07 |
| Monthly Total | 612.4 | 27.50 | 32.85 |
| YTD¹ Total | 3754.0 | 169.39 | 191.93 |

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

Note:

