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Table 1: Summarizes the geographical and climatic parameters for Abu Dhabi Metrological Station average monthly measurement between 1980 to 2016.

| Climatic Station: Abu Dhabi I.A. Latitude : 24 25 59 N | | Al-attitude: 27 m Longitude : 54 39 04 E | | | | |
|---|------------------|---|--------------|----------|--------------|--------------------------------------|
| Month | Temperature (°C) | | Humidity (%) | | Wind (km/hr) | Solar Radiation (wh/m ²) |
| | Max | Min | Mean Max | Mean Min | Mean Wind | |
| | 34.3 | 5.6 | 86 | 44 | | 4114.5 |
| | 38.1 | 5.4 | 85 | 40 | 14.5 | 4994.3 |
| | 43 | 8.4 | 83 | 33 | 14.8 | 5789.1 |
| | 44.7 | | 77 | | 14.6 | 6733.2 |
| | 46.9 | 16.6 | 74 | | 14.4 | 7527.1 |
| | 48.5 | 19.8 | 79 | | 14.7 | 7593.8 |
| | 49.1 | | 77 | 26 | 14.5 | 7073.1 |
| | 49.2 | 23.8 | 76 | 26 | 14.6 | 6757.8 |
| | 47.7 | 19.9 | 83 | 26 | 13.3 | 6398.9 |
| October | 43.1 | 14.6 | 84 | 30 | | 5566.9 |
| November | 37.9 | | 83 | 38 | | 4621.2 |
| | 33.8 | 7.3 | 86 | 45 | | 3969.6 |

Table 2: Summarizes the geographical and climatic parameters for Alain Metrological Station average monthly measurement between 1980 to 2016.

| Climatic Station: Abu Dhabi I.A. Latitude : 24 25 59 N | | Al-attitude: 27 m Longitude : 54 39 04 E | | | | |
|---|------------------|---|--------------|----------|--------------|--------------------------------------|
| Month | Temperature (°C) | | Humidity (%) | | Wind (km/hr) | Solar Radiation (wh/m ²) |
| | Max | Min | Mean Max | Mean Min | Mean Wind | |
| | 31.8 | 5.6 | 86 | 38 | 12.4 | 4408.5 |
| | 36.6 | 5.9 | 81 | 30 | 14.6 | 5290.6 |
| | 42.9 | 9.9 | 75 | 24 | 15.3 | 6024.7 |
| | 44.4 | 13.2 | 61 | 18 | | 7010.6 |
| | 49.3 | 18 | 53 | 13 | 14.8 | 7744 |
| | 49 | 20.9 | 60 | 13 | 14.6 | 7747.6 |
| | 49.2 | 22.8 | 62 | 18 | 14.8 | 7261.9 |
| | 48.8 | 21.9 | 57 | 18 | 15.4 | 7131.4 |
| | 47.8 | 21.8 | 67 | 17 | 14.4 | 6763.8 |
| October | 43.1 | 16.2 | 72 | 19 | 13.1 | 5941.5 |
| November | 37.5 | 13 | 79 | 29 | | 4864.1 |
| | 35 | 7.4 | 85 | 36 | | 4287.9 |

Table 3: Summarizes the geographical and climatic parameters for Al Dafra Metrological Station average monthly measurement between 1980 to 2016.

| Climatic Station: Abu Dhabi I.A. Latitude : 24 25 59 N | | Al-attitude: 27 m Longitude : 54 39 04 E | | | | |
|---|------------------|---|--------------|----------|--------------|--------------------------------------|
| Month | Temperature (°C) | | Humidity (%) | | Wind (km/hr) | Solar Radiation (wh/m ²) |
| | Max | Min | Mean Max | Mean Min | Mean Wind | |
| | 33.1 | 5.6 | 94 | 42 | | 4413 |
| | 38.3 | | 92 | 36 | | 5338 |
| | 41.7 | 7.8 | 86 | 30 | 13 | 6149 |
| | 44.5 | 13.7 | 79 | | 13 | 6574 |
| | 48.1 | 17.1 | 73 | 17 | 13 | 7130 |
| | 49.4 | 20.4 | 80 | 16 | 14 | 7285 |
| | 48.7 | 24.6 | 78 | | 13 | 6842 |
| | 49.4 | 24.7 | 83 | | 13 | 6637 |
| | 47.6 | 21.6 | 92 | | | 6385 |
| October | 43.2 | 18.4 | 94 | 24 | | 5708 |
| November | 37.7 | | 92 | 36 | | 4705 |
| | 31.8 | 6.9 | 96 | 45 | | 4221 |

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