**Latitude 8.958 / Longitude 77.312 at Tankasi.**

|  |  |  |
| --- | --- | --- |
|  | **Unit** | **Climate data location** |
| Latitude | °N | 8.958 |
| Longitude | °E | 77.312 |
| Elevation | m | 131 |
| Heating design temperature | °C | 22.91 |
| Cooling design temperature | °C | 29.74 |
| Earth temperature amplitude | °C | 5.65 |
| Frost days at site | day | 0 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | **Air temperature** | **Relative humidity** | **Daily solar radiation - horizontal** | **Atmospheric pressure** | **Wind speed** | **Earth temperature** | **Heating degree-days** | **Cooling degree-days** |
|  | °C | % | kWh/m2/d | kPa | m/s | °C | °C-d | °C-d |
| January | 26.1 | 67.20% | 4.84 | 99.7 | 4.3 | 27.2 | 0 | 502 |
| February | 26.8 | 65.40% | 5.58 | 99.6 | 3.3 | 28.7 | 0 | 476 |
| March | 27.3 | 69.50% | 6.14 | 99.5 | 3.1 | 30 | 0 | 541 |
| April | 26.8 | 81.20% | 5.52 | 99.4 | 3.5 | 29.2 | 0 | 510 |
| May | 26.9 | 82.20% | 5.31 | 99.3 | 5 | 28.2 | 0 | 526 |
| June | 26.3 | 80.90% | 4.46 | 99.3 | 6.3 | 27 | 0 | 490 |
| July | 25.9 | 79.80% | 4.53 | 99.4 | 5.5 | 26.6 | 0 | 495 |
| August | 25.9 | 79.20% | 4.87 | 99.4 | 5.5 | 26.8 | 0 | 495 |
| September | 26 | 79.80% | 5.13 | 99.5 | 5 | 27.1 | 0 | 481 |
| October | 25.8 | 81.50% | 4.42 | 99.5 | 3.9 | 27 | 0 | 491 |
| November | 25.9 | 78.20% | 3.97 | 99.6 | 3.4 | 26.9 | 0 | 477 |
| December | 26 | 72.00% | 4.23 | 99.7 | 4.4 | 26.7 | 0 | 498 |
| **Annual** | 26.3 | 76.40% | 4.92 | 99.5 | 4.4 | 27.6 | 0 | 5982 |
| Measured at (m) |  |  |  |  | 10 | 0 |  |  |