**Latitude 8.958 / Longitude 8.72**

|  |  |  |
| --- | --- | --- |
|  | **Unit** | **Climate data location** |
| Latitude | °N | 8.958 |
| Longitude | °E | 8.72 |
| Elevation | m | 374 |
| Heating design temperature | °C | 19.04 |
| Cooling design temperature | °C | 33.04 |
| Earth temperature amplitude | °C | 12.95 |
| 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 | 26.3 | 27.90% | 5.9 | 96.8 | 2.8 | 28.7 | 0 | 507 |
| February | 27.1 | 34.60% | 6.15 | 96.8 | 2.7 | 29.9 | 0 | 485 |
| March | 26.5 | 62.70% | 6.15 | 96.7 | 3 | 28.7 | 0 | 515 |
| April | 25.6 | 79.60% | 5.75 | 96.7 | 3 | 26.8 | 0 | 472 |
| May | 25.3 | 82.40% | 5.35 | 96.8 | 2.9 | 26.2 | 0 | 479 |
| June | 24.4 | 84.50% | 4.88 | 97 | 2.5 | 25.1 | 0 | 435 |
| July | 23.6 | 84.80% | 4.48 | 97.1 | 2.8 | 24.2 | 0 | 426 |
| August | 23.5 | 84.40% | 4.28 | 97.1 | 2.9 | 24.1 | 0 | 425 |
| September | 23.9 | 84.60% | 4.58 | 97 | 2.8 | 24.6 | 0 | 424 |
| October | 24.1 | 81.10% | 5.13 | 96.9 | 2.4 | 24.9 | 0 | 450 |
| November | 24.6 | 63.40% | 5.87 | 96.8 | 2.9 | 25.7 | 0 | 454 |
| December | 25.8 | 35.40% | 5.87 | 96.8 | 2.7 | 27.6 | 0 | 499 |
| **Annual** | 25.1 | 67.10% | 5.37 | 96.9 | 2.8 | 26.4 | 0 | 5571 |
| Measured at (m) |  |  |  |  | 10 | 0 |  |  |