

Translations:L'énergie dans l'habitat/20/en

On a clear day, the power of solar radiation on the surface of the earth is 1,000 W/m². Even then, the intensity of solar radiation depends greatly on the season. In the summer, the sun is at its highest, or more perpendicular to the earth's surface, and thus a greater density of rays is captured. On the other hand, in the winter, the sun is at its lowest. Not only is the angle of the sun affected by seasons, but so is day length. In Paris, the day's length during the winter solstice is a little over 8 hours, while during the summer solstice, the day's length is more than 16 hours.