

INSOLATION

Meaning: Insolation is the amount of solar radiation energy received by a surface, typically expressed in watts per square meter.

1. Insolation plays a crucial role in determining the climate of a region.
2. The insolation received by the Earth varies with the seasons due to its axial tilt.
3. Understanding insolation is essential for optimizing solar panel energy production.
4. High levels of insolation can significantly impact local ecosystems and vegetation growth.
5. Meteorologists study insolation patterns to predict weather changes and climate trends.

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