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efficiency: $\eta = Q_e / Q_t$. Typical efficiencies for single basin solar stills approach 60 percent. Solar Still Basics A solar still distills water with substances dissolved in it by using the heat of the Sun to evaporate water so that it may be cooled and collected, thereby purifying it. They are used in areas where drinking water is unavailable, so that clean water is

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performance of this model to predict the solar radiation has been validated for a real database. Solar radiation prediction for a winter day using ARMA model In astronomy, the geocentric model (also known as geocentrism, often exemplified specifically by the Ptolemaic system) is a superseded description of the Universe with Earth at the center. Under the geocentric model, the Sun, Moon, stars, and planets all orbited Earth. The geocentric model was the predominant

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