

Effects of clouds on solar radiation at Songkhla.

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The characteristics of clouds and its relationship with solar radiation are analyzed in this paper. In this research SR03 pyranometer was install at SKRU in Songkhla (7.09° N, 100.36° E) in order to measure solar radiation and clouds data from Songkhla TMD. The results from a six-month period (16 January 2017 –30 June 2017) showed the relationship of clouds type and solar radiation, low clouds (Cu, Cb) were impact to decreases solar radiation intensity more than high Clouds (Ci, Cs).

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