Data identification

Title	Longterm yearly average of direct normal irradiation - Federated States of Micronesia
Date	2017-06
Date type	Publication
Abstract	Longterm yearly average of daily totals of direct normal irradiation (DNI) in kWh/m2, covering the period 2007-2015
Purpose	Assessment of Concentrated PV (CPV) and Concentrated Solar Power (CSP) technologies
Unique resource identifier	388de26f-a7c7-ae34-1ebe-bdcb21b2d3cc
Supplemental information	This is an output from the contract on solar resource assessment and mapping, signed between the World Bank Group and Solargis. This activity is funded and supported by the Energy Sector Management Assistance Program (ESMAP), a multi-donor trust fund administered by The World Bank, under a global initiative on Renewable Energy Resource Mapping.
Keywords	Solar resource data, DNI, direct normal irradiation, Long-term average, Solargis, World Bank, ESMAP
Legal constrains	Copyright: Solar resource data © 2017 Solargis. The data is published under a Creative Commons Attribution license (CC BY 3.0 IGO)

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Role	Originator

Topic category	Climatology, meteorology, atmosphere

Extent

Geographic bounding box

West bound	137.0
East bound	164.0
South bound	0.0
North bound	11.0

Spatial resolution

Units	arc-sec
Distance	30.0

Lineage

Statement	Solar radiation data from satellite-based model developed by Solargis company
Description	Solar radiation data is derived by Solargis algorithms (v2.1) from satellite digital images and atmospheric datasets: Meteosat PRIME and IODC by Eumetsat; GOES-East and GOES-West by NOAA; MTSAT and Himawari-8 by JMA; MACC-II/CAMS atmospheric data by ECMWF; MERRA-2 atmospheric data by NASA; GFS data by NOAA.

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