

Data identification

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| Title | Longterm yearly average of global horizontal irradiation - Federated States of Micronesia |
| Date | 2017-06 |
| Date type | Publication |
| Abstract | Longterm yearly average of daily totals of global horizontal irradiation (GHI) in kWh/m2, covering the period 2007-2015 |
| Purpose | Reference information for the assessment of flat-plate photovoltaic and solar heating technologies (e.g. hot water) |
| 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, GHI, global horizontal irradiation, Long-term average, Solargis, World Bank, ESMAP |
| Legal constraints | Copyright: Solar resource data © 2017 Solargis. The data is published under a Creative Commons Attribution license (CC BY 3.0 IGO) |

1. Point of contact

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| Role | Owner |

2. Point of contact

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| Role | Originator |

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|----------------|--------------------------------------|
| Topic category | Climatology, meteorology, atmosphere |
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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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Metadata author

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| Organisation name | Solargis |
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