

Data identification

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|----------------------------|---|
| Title | Longterm yearly average of global horizontal irradiation - Qatar - Global Solar Atlas 2.0 |
| Date | 2019-10 |
| Date type | Publication |
| Abstract | Longterm yearly average of global horizontal irradiation (GHI) in kWh/m2, covering the period 1999-2018 |
| Purpose | Reference information for the assessment of flat-plate PV (photovoltaic) and solar heating technologies (e.g. hot water) |
| Unique resource identifier | 86403f1e-7bf3-5253-6e2c-a1faf6b5ab9e |
| Supplemental information | This data layer represents an output from the Solargis global solar model. It has been delivered for the Global Solar Atlas (https://globalsolaratlas.info/), online platform funded 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, Global Solar Atlas |
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1. Point of contact

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2. Point of contact

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| Role | Originator |
| Topic category | Climatology, meteorology, atmosphere |

Extent

Geographic bounding box

| | |
|-------------|------|
| West bound | 50.0 |
| East bound | 53.0 |
| South bound | 24.0 |
| North bound | 27.0 |

Spatial resolution

| | |
|----------|---------|
| Units | arc-sec |
| Distance | 9.0 |

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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