

Data identification

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| Title | Longterm yearly average of direct normal irradiation - Sri Lanka - Global Solar Atlas 2.0 |
| Date | 2019-10 |
| Date type | Publication |
| Abstract | Longterm yearly average of direct normal irradiation (DNI) in kWh/m2, covering the period 1999-2018 |
| Purpose | Assessment of Concentrated PV (CPV) and Concentrated Solar Power (CSP) technologies, assessment of flatplate PV |
| 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, DNI, direct normal irradiation, Long-term average, Solargis, World Bank, ESMAP, Global Solar Atlas |
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1. Point of contact

| | |
|-------------------|--|
| Organisation name | THE WORLD BANK |
| Email | energydata@worldbankgroup.org |
| Website | www.esmap.org/RE_Mapping |
| Role | Owner |

2. Point of contact

| | |
|-------------------|--|
| Organisation name | Solargis |
| Email | company@solargis.com |
| Website | solargis.com |

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

Extent

Geographic bounding box

| | |
|-------------|------|
| West bound | 79.0 |
| East bound | 82.0 |
| South bound | 5.0 |
| North bound | 10.0 |

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

| | |
|-------------------|---------------------|
| Organisation name | Solargis |
| Role | Originator |
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