

Data identification

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| Title | Longterm yearly average of Potential photovoltaic electricity production – Eritrea - Global Solar Atlas 2.0 |
| Date | 2019-10 |
| Date type | Publication |
| Abstract | Longterm yearly average of potential photovoltaic electricity production (PVOUT) in kWh/kWp, covering the period 1994-2018 |
| Purpose | Assessment of PV power production potential for a free standing PV power plant with modules mounted at optimum tilt to maximize monthly PV production |
| Unique resource identifier | f77ee689-aa71-fcb7-ba42-53c7933dfdb7 |
| 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, PVOUT, Potential photovoltaic electricity production, Long-term average, Solargis, World Bank, ESMAP, Global Solar Atlas |
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| Role | Originator |
| Topic category | Climatology, meteorology, atmosphere |

Extent

Geographic bounding box

| | |
|-------------|------|
| West bound | 36.0 |
| East bound | 44.0 |
| South bound | 12.0 |
| North bound | 19.0 |

Spatial resolution

| | |
|----------|---------|
| Units | arc-sec |
| Distance | 30.0 |

Lineage

| | |
|-------------|------------------------------------------------------------------------------------------------------------------------------------|
| Statement | Potential photovoltaic electricity production is calculated by Solargis algorithms |
| Description | PVOUT calculated by Solargis algorithms and data. Main inputs: Global irradiation at optimum tilt (GTI) and air temperature (TEMP) |

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| Metadata language | eng |
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Metadata author

| | |
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