

Data identification

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| Title | Longterm monthly average of daily totals of potential photovoltaic electricity production in July – Kazakhstan - Global Solar Atlas 2.0 |
| Date | 2019-10 |
| Date type | Publication |
| Abstract | Longterm monthly average of potential photovoltaic electricity production (PVOUT) in kWh/kWp, calculated for July and covering the years from 1999 to 2018 |
| Purpose | Assessment of PV power production potential for a free standing PV power plant with modules mounted at optimum tilt to maximize yearly PV production |
| Unique resource identifier | 8bcda9a7-f53a-53e7-1791-3be04db290f7 |
| 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 | 46.0 |
| East bound | 87.9999999983 |
| South bound | 40.0 |
| North bound | 55.9999999994 |

Spatial resolution

| | |
|----------|---------------|
| Units | arc-sec |
| Distance | 29.9999999988 |

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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| Organisation name | Solargis |
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