

## Data identification

Title	Longterm monthly average of Potential photovoltaic electricity production in January – Botswana - 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 January and covering the years from 1994 to 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 ( <a href="https://globalsolaratlas.info/">https://globalsolaratlas.info/</a> ), 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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## 1. Point of contact

Organisation name	THE WORLD BANK
Email	energydata@worldbankgroup.org
Website	<a href="http://www.esmap.org/RE_Mapping">www.esmap.org/RE_Mapping</a>
Role	Owner

## 2. Point of contact

Organisation name	Solargis
Email	<a href="mailto:company@solargis.com">company@solargis.com</a>
Website	<a href="http://solargis.com">solargis.com</a>

Role	Originator
Topic category	Climatology, meteorology, atmosphere

## Extent

### Geographic bounding box

West bound	19.0
East bound	30.0
South bound	-28.0
North bound	-17.0

## 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 author

Organisation name	Solargis
Role	Originator
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