

Data identification

Title	Longterm monthly average of daily totals of potential photovoltaic electricity production in July – Malawi
Date	2018-12
Date type	Publication
Abstract	Longterm monthly average of potential photovoltaic electricity production (PVOUT) in kWh/kWp, calculated for July and covering the years from 1994 to 2017
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	a9066617-e8a0-bdd7-de77-02546967016a
Supplemental information	This data layer is an output from the solar resource mapping of Malawi by Solargis. It has been delivered for the Energy Sector Management Assistance Program (ESMAP), a global initiative in support of renewable energy resource mapping under a global initiative on Renewable Energy Resource Mapping, administered by The World Bank. The uncertainty of the solar resource data has been reduced by regional model adaptation based on ground measurements collected at three solar meteorological stations across Malawi, funded by The World Bank in years 2016 to 2018.
Keywords	Solar resource data, PVOUT, Potential photovoltaic electricity production, Long-term average, Solargis, World Bank, ESMAP, Malawi
Legal constraints	Copyright: PV power potential data © 2018 Solargis. The data is published under a Creative Commons Attribution license (CC BY 3.0 IGO)

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Topic category	Climatology, meteorology, atmosphere
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Extent

Geographic bounding box

West bound	32.0
East bound	37.0
South bound	-18.0
North bound	-9.0

Spatial resolution

Units	arc-sec
Distance	9.0

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)

File identifier	0c994584-ec16-251c-ef9d-3b2ff061e921
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Character set	UTF8

Metadata author

Organisation name	Solargis
Role	Originator
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