

Data identification

Title	Longterm yearly average of air temperature – Global Solar Atlas
Date	2019-09
Date type	Publication
Abstract	Longterm yearly average of air temperature (TEMP) in °C, covering the period 1994-2018
Purpose	Air temperature defines the operating environment of solar power plants.
Unique resource identifier	6f46883b-b3d4-6f77-5152-d4cca9036163
Supplemental information	This data layer is an auxiliary information to the global Solargis solar resource data. 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, TEMP, air temperature, 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	-180.0
East bound	180.0
South bound	-55.0
North bound	60.0

Spatial resolution

Units	arc-sec
Distance	30.0

Lineage

Statement	The air temperature data is derived from meteorological models and postprocessed by Solargis methods
Description	Input data: ERA5 by ECMWF, MERRA-2 by NASA, Terrain data from Shuttle Radar Topography Mission version 4.1 by 2000-2006 SRTM Mission team

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Role	Originator
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