PrimeWater

H2020-SPACE-2019
Research and Innovation Action

Expired Meteorological Forecasts for Mulargia reservoir (Exp02)

PrimeWaterExp02.h5

The project has received funding from the European Union's Horizon 2020. Research and Innovation Programme under Grant Agreement No 870497.

General

Description

Ten-day ahead meteorological forecasts for (a) surface downwelling shortwave radiation, (b) total precipitation, (c) air temperature, and (d) wind speed. Expired forecasts cover the historical period 2015-2018 and refer to Mulargia reservoir.

Parameters

Date Issued, Target date, Surface downwelling shortwave radiation , total precipitation forecasts, air temperature, wind speed

Unit

Dates are expressed in number of days from a fixed, preset date (January 0, 0000) in the proleptic ISO calendar, Radiation is expressed in W/m2, total precipitation in meters, air temperature in oC, and wind speed in m/s

Coordinate reference systems

WGS 84 (EPSG: 4326)

Data type

netCDF

Keywords

Meteorology, Simulated

Public repository link

https://zenodo.org/record/7890931

Contact

EMVIS

Dataset coverage

Spatial coverage

Extent (top, left, down, right): 39.7,9.2,39.6,9.3

Spatial resolution

0.5 deg

Temporal coverage

2015-2018

Temporal resolution

Hourly

Usage

License conditions

CC-BY-NC-SA-4.0

Citations and Acknowledgements

Expired meteorological forecasts are available through ECMWF's Meteorological Archival and Retrieval System (MARS)
and were kindly provided by SMHI, which is an ECMWF member.

Scientific Citations

Lineage statement

Original data source

ECMWF CDS

Limitations on public access

Accessible and confidential data

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EMVIS S.A. | National Research Council of Italy | Swedish Meteorological and Hydrological Institute | EOMAP GmbH & Co.KG | International Water Association | Burgundy School of Business | Ente Acque della Sardegna | US Environmental Protection Agency | Commonwealth Scientific and Industrial Research Organization | Melbourne Water | SatDek

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