PrimeWater

H2020-SPACE-2019
Research and Innovation Action

ERA5-Land data for Mulargia reservoir

Mulargia_ERA5Land_reanalysis.nc

The project has received funding from the European Union's Horizon 2020.
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European Commission

General

Description

Parameters

total precipitation (tp), temperature at two meters (2t), Surface solar radiation downwards (ssrd), 10 metre V wind component (10v), 10 metre U wind component (10u)

Unit

total precipitation [m]
temperature at two meters [K]
Surface solar radiation downwards [J m-2]
10 metre V wind component [m/s]
10 metre U wind component [m/s]

Coordinate reference systems

WGS 84 (EPSG: 4326)

Data type

netCDF

Keywords

Meteorology, Simulated

Public repository link

Contact

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EMVIS

Dataset coverage

Spatial coverage

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

Spatial resolution

0.1 deg

Temporal coverage

4 hours2015 - 2019

Temporal resolution

4 hours

Usage

License conditions

Citations and Acknowledgements

'Generated using Copernicus Climate Change Service information 2020'

Scientific Citations

Arheimer, B., Pimentel, R., Isberg, K., Crochemore, L., Andersson, J. C. M., Hasan, A., and Pineda, L.: Global catchment modelling using World-Wide HYPE (WWH), open data, and stepwise parameter estimation, Hydrol. Earth Syst. Sci., 24, 535–559, https://doi.org/10.5194/hess-24-535-2020, 2020. Hundecha, Y., Arheimer, B., Donnelly, C., & Pechlivanidis, I. (2016). A regional parameter estimation scheme for a pan-European multi-basin model. Journal of Hydrology: Regional Studies, 6. https://doi.org/10.1016/j.ejrh.2016.04.002

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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