



# PrimeWater

**H2020-SPACE-2019**

**Research and Innovation Action**

**Hydrological forecasts for Mulargia reservoir (Exp03)**

*PrimeWaterExp03.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 hydrological forecasts for (a) total inflows, (b) total nitrogen concentrations, and (c) total phosphorus concentrations from upstream catchments. Expired forecasts cover the historical period 2015-2018 and refer to the upstream catchments of Mulargia reservoir.

### Parameters

total inflows  
total nitrogen concentrations  
total phosphorus concentrations from upstream catchment

### Unit

total inflows (m<sup>3</sup> s<sup>-1</sup>)  
total nitrogen concentrations (µg/L)  
total phosphorus concentrations from upstream catchment (µg/L)

### Coordinate reference systems

UTM / WGS88

### Data type

netCDF

### Keywords

Hydrology, Simulated

### Public repository link

<https://zenodo.org/record/7853095>

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## Contact

EMVIS

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## Dataset coverage

### Spatial coverage

Extent (top, left, down, right): 39.7,9.2,39.6,9.9

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### Spatial resolution

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### Temporal coverage

01/01/2015 - 31/10/2020

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### Temporal resolution

daily

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## Usage

### License conditions

CC-BY-NC-SA-4.0

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### Citations and Acknowledgements

The Hydrological data have been available by SMHI within the framework of the project.

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### Scientific Citations

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## Lineage statement

### Original data source

SMHI

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### Limitations on public access

Accessible and confidential data

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# PrimeWater



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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