



# PrimeWater

**H2020-SPACE-2019**

**Research and Innovation Action**

**Mulargia-HYPE simulated data of total phosphorus concentrations in outflow from subbasin (Mulargia)**

*Mulargia\_CCTP.txt*

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



## General

### Description

simulated concentration of total phosphorus species in outflow from outlet lake/subbasin

### Parameters

simulated concentration of total P in outflow from subbasin

### Unit

µg Tot-P/L

### Coordinate reference systems

WGS 84 (EPSG: 4326)

### Data type

.txt

### Keywords

Hydrology, Simulated

### Public repository link

<https://zenodo.org/record/7964897>

### Contact

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SMHI

## Dataset coverage

### Spatial coverage

entire case study / river system

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### Spatial resolution

subbasins

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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-SA-4.0

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### Citations and Acknowledgements

The HYPE model code is available from the HYPEweb portal (<http://hypeweb.smhi.se/model-water/>). Historical values are obtained through HYPE services developed for the PrimeWater project and could become available upon request through <https://hypeweb.smhi.se/water-services/data-delivery-services/>

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### 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>

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## Lineage statement

### Original data source

SMHI's operational service

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### Limitations on public access

Accessible and confidential data

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# PrimeWater



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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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