



# PrimeWater

**H2020-SPACE-2019**

**Research and Innovation Action**

**Meteorological data for Harsha Lake (ExpB4)**

*PrimeWaterExpB4.h5*

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



## General

### Description

Meteorological data comprise air temperature, solar radiation, total precipitation, and wind speed. Near surface meteorological variables are derived from a bias-corrected reanalysis data set, which can be accessed through the Copernicus Climate Data Stor

### Parameters

Date, air temperature, surface downwelling shortwave radiation, total precipitation, wind speed

### Unit

Dates are expressed in number of days from a fixed, preset date (January 0, 0000) in the proleptic ISO calendar, surface downwelling shortwave radiation is expressed in W/m<sup>2</sup>, total precipitation in meters, air temperature in oC, and wind speed in m/s

### Coordinate reference systems

UTM / WGS84

### Data type

HDF5

### Keywords

Meteorology, Simulated

### Public repository link

<https://doi.org/10.5281/zenodo.7900605>

### Contact

EMVIS

## Dataset coverage

### Spatial coverage

Lake

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### Spatial resolution

0.5 deg

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### Temporal coverage

2015 - 2019

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### Temporal resolution

daily

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## Usage

### License conditions

CC-BY-4.0

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### Citations and Acknowledgements

The meteorological reanalysis data from the European Centre for Medium-Range Weather Forecasts are freely available.  
<https://cds.climate.copernicus.eu/cdsapp#!/dataset/derived-near-surface-meteorological-variables?tab=overview>

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### Scientific Citations

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## Lineage statement

### Original data source

ECMWF CDS

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### Limitations on public access

Available and public 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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