



PrimeWater

H2020-SPACE-2019

Research and Innovation Action

**Expired 10-day forecasts from ECWMF for Melbourne
Water's Western Treatment Plant**

ECMWF_mediumrange_INITDATETIME+LEADTIME.nc

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



General

Description

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)

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 [oC]
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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SMHI

Dataset coverage

Spatial coverage

case study region

Spatial resolution

Regular grid with 0.25deg longitudinal and 0.22486 latitudinal grid spacing

Temporal coverage

6 hours 2015 - 2018

Temporal resolution

6 hours

Usage

License conditions

CC-BY-SA-4.0

Citations and Acknowledgements

The meteorological forecasts from the European Centre for Medium-Range Weather Forecasts are freely available, yet for the PrimeWater project they were downloaded through SMHI as an ECMWF Member State.

Scientific Citations

Lineage statement

Original data source

ECMWF MARS Server

Limitations on public access

Accessible and confidential data



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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