EEA geospatial data catalogue

Water and Wetness 2015 (raster 20 m), Europe, 3-yearly, Nov. 2020

The Copernicus High Resolution Water and Wetness (WAW) 2015 layer is a thematic product showing the occurrence of water and wet surfaces over the period from 2009 to 2015 for the EEA38 area and the United Kingdom. This metadata corresponds to the 20m classified Water and Wetness product. The production of the High Resolution Water and Wetness layers was coordinated by the European Environment Agency (EEA) in the frame of the EU Copernicus programme.

Two WAW products are available:

- The main Water and Wetness (WAW) product, with defined classes of (1) permanent water, (2) temporary water, (3) permanent wetness and (4) temporary wetness.

- The additional expert product: Water and Wetness Probability Index (WWPI).

The products show the occurrence of water and indicate the degree of wetness in a physical sense, assessed independently of the actual vegetation cover and are thus not limited to a specific land cover class and their relative frequencies.

Data is provided as a mosaic of the full area, and as tiles with a side length of 1000 km x 1000 km. In 2020, and due to methodological improvements, the temporary wet class has been reprocessed during the update for the 2018 reference year.

Simple

Identification info

Date (Creation)	2018-03-22
Date (Publication)	2018-03-22
Date (Revision)	2020-11-19
Edition	07.00
Citation identifier	copernicus_r_3035_20_m_waw-2015_p_2009-2015_v07_r00
Citation identifier	DAT-202-en

Identifier

Code	10.2909/25ed7a97-e3a6-42ed-a403-d636d6880e6d

Point of contact

Organisation	Individual	Electronic mail address	Website	Role
European Commission			https://commission.europa.eu	Owner
Copernicus Land Monitoring Service		JRC-Copernicus-Land@ec.europa.eu	https://land.copernicus.eu	Custodian
European Environment Agency		sdi@eea.europa.eu	http://www.eea.europa.eu	Publisher
Copernicus Land Monitoring Service helpdesk		JRC-Copernicus-Land@ec.europa.eu	https://land.copernicus.eu/en/contact-service-helpdesk	Point of contact

Spatial representation type	Grid

Spatial resolution

Spatial resolution	20 m

Topic category	• Environment • Imagery base maps earth cover

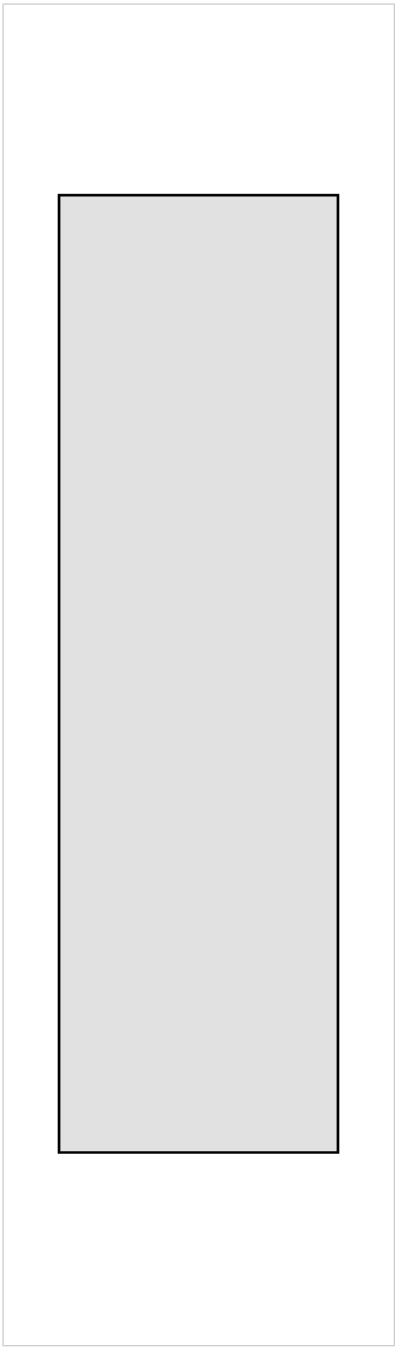
Extent

Temporal extent

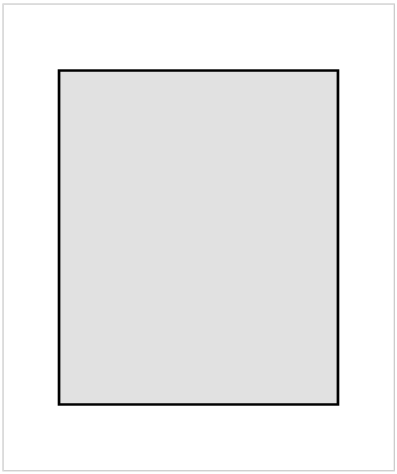
Time period	2009-01-01 2015-12-31

Extent

66.57	N	27.64	S	-13.42	E	-31.27	W



71.19	N	34.56	S	44.82	E	-10.62	W



Maintenance and update frequency	Continual
GEMET - INSPIRE themes, version 1.0	• Land cover
Continents, countries, sea regions of the world.	• EEA38 (from 2020) • United Kingdom
GEMET	• forest management • landscape alteration • land use • water • land cover
Spatial scope	• European
EEA topics	• Land use
EEA Management Plan	• 2018 3.6.1

Resource constraints

Access constraints	Other restrictions
Other constraints	no limitations to public access

Resource constraints

Use constraints	Other restrictions
Other constraints	The Copernicus component is governed by Regulation (EU) No 2021/696 of the European Parliament and of the Council of 28 April 2021 establishing the Union Space Programme and the European Union Agency for the Space Programme and repealing Regulations (EU) No 912/2010, (EU) No 1285/2013 and (EU) No 377/2014 and Decision No 541/2014/EU. Within the Copernicus component, a portfolio of land monitoring activities has been delegated by the European Union to the European Environment Agency (EEA) and the DG Joint Research Centre of the European Commission. The Copernicus land monitoring products and services are made available on a principle of full, open and free access, as established by the Commission Delegated Regulation (EU) No 1159/2013 of 12 July 2013. Free, full and open access to the products and services of the Copernicus Land Monitoring Service is made on the conditions that:

	1. When distributing or communicating Copernicus Land Monitoring Service products and services (data, software scripts, web services, user and methodological documentation and similar) to the public, users shall inform the public of the source of these products and services. 2. Where the Copernicus Land Monitoring Service products and services have been adapted or modified by the user, the user shall clearly state this. 3. Users shall make sure not to convey the impression to the public that the user's activities are officially endorsed by the European Union.

Associated resource

Association Type	Revision Of
Metadata Reference	• High Resolution Layer: Water and Wetness 2015 (raster 20m), Mar. 2018

Associated resource

Association Type	Cross reference
Metadata Reference	• Water and Wetness 2018 (raster 10 m), Europe, 3-yearly - version 2, Nov. 2020

Language	English
Character encoding	UTF8

Distribution Information

Distribution format	• GeoTIFF
OnLine resource	0 HRL Water and Wetness 2015 - 20m
OnLine resource	CLMS Website Download (requires authentication)
OnLine resource	Product Information & Technical Documentation
OnLine resource	https://doi.org/10.2909/25ed7a97-e3a6-42ed-a403-d636d6880e6d
OnLine resource	https://image.discomap.eea.europa.eu/arcgis/rest/services/GioLandPublic/HRL_WaterWetness_2015/MapServer

Data quality info

Hierarchy level	Dataset

Report

Result

Title	Commission Regulation (EU) No 1089/2010 of 23 November 2010 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards interoperability of spatial data sets and services
Date (Publication)	2010-12-08
Explanation	See the referenced specification

Resource lineage

Statement	Quality assurance follows the ISO9000 standards for Quality Management and comprises of dedicated procedures of on-going quality checks (QA breakpoints) during implementation of the production chain, in order to keep persistent control over the various stages of production, assure fitness-for-purpose of the end-products and that all quality requirements are fulfilled. Priority will be given to the target thematic accuracies to be achieved by each product, as well as to the issues of product consistency (spatial, thematic, temporal) and homogeneity. Quality Assessment: The quality assessment has been performed according to INSPIRE Data Specifications. The data quality elements considered are: (i) Completeness, (ii) Logical Consistency, (iii) Thematic Accuracy, (iv) Temporal quality and (v) Usability. Each of them (excl. the Thematic Accuracy hereafter) forms a section in the QA/QC Procedures. In 2020, due to methodological improvements, the temporary wet class has been reprocessed during the update for the 2018 reference year.
Hierarchy level	Dataset

Reference System Information

Reference System Information

Code	EPSG:3035
Maintenance and update frequency	

Metadata

Metadata identifier	25ed7a97-e3a6-42ed-a403-d636d6880e6d
Language	English
Character encoding	UTF8

Contact

Organisation	Individual	Electronic mail address	Website	Role
European Environment Agency		sdi@eea.europa.eu		Point of contact

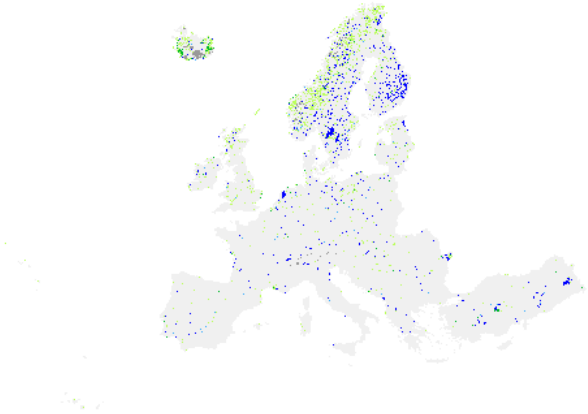
Type of resource

Resource type	Dataset
Metadata linkage	https://doi.org/10.2909/25ed7a97-e3a6-42ed-a403-d636d6880e6d
Date info (Creation)	2020-11-25T13:53:17Z
Date info (Revision)	2025-10-09T10:41:23.630003Z

Metadata standard

Title	ISO 19115/19139
Edition	1.0

Overviews



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