

Water and Wetness 2018 (raster 100 m), Europe, 3-yearly - version 2, Nov. 2020

The Copernicus High Resolution Layer Water and Wetness (WAW) 2018 is a thematic product showing the occurrence of water and wet surfaces over the period from 2012 to 2018 for the EEA38 area and the United Kingdom. This metadata refers to the 100 meter aggregate raster, provided as a full EEA38 and United Kingdom mosaic (fully conformant to with the EEA reference grid). 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 Water and Wetness 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.

You can read more about the product here: <https://land.copernicus.eu/en/products/high-resolution-layer-water-and-wetness/water-and-wetness-status-2018>.

Simple

Date (Creation)	2020-11-19			
Date (Publication)	2020-11-19			
Edition	01.00			
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Citation identifier	DAT-202-en			
Code	10.2909/f6bbd22c-52e5-4e47-9b09-943415fcb52e			
Point of contact	Organisation name	Individual name	Electronic mail address	Website Role
	European Environment Agency		copernicus@eea.europa.eu	https://land.copernicus.eu Distributor
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Point of contact

No information provided.

Maintenance and update frequency	Continual
GEMET - INSPIRE themes, version 1.0	<ul style="list-style-type: none"> • Land cover
Keywords	
Continents, countries, sea regions of the world.	<ul style="list-style-type: none"> • EEA38 (from 2020) • United Kingdom
Keywords	

GEMET	<ul style="list-style-type: none"> • water • land cover • forest management • landscape alteration • land use
Spatial scope	<ul style="list-style-type: none"> • European
EEA topics	<ul style="list-style-type: none"> • Land use
EEA Management Plan	<ul style="list-style-type: none"> • 2018 3.6.1
Access constraints	Other restrictions
Other constraints	no limitations to public access
Use constraints	Other restrictions
Other constraints	<p>Access to data is based on a principle of full, open and free access as established by the Copernicus data and information policy Regulation (EU) No 1159/2013 of 12 July 2013. This regulation establishes registration and licensing conditions for GMES/Copernicus users.</p> <p>Free, full and open access to this data set is made on the conditions that:</p> <ol style="list-style-type: none"> 1. When distributing or communicating Copernicus dedicated data and Copernicus service information to the public, users shall inform the public of the source of that data and information. 2. Users shall make sure not to convey the impression to the public that the user's activities are officially endorsed by the Union. 3. Where that data or information has been adapted or modified, the user shall clearly state this. 4. The data remain the sole property of the European Union. Any information and data produced in the framework of the action shall be the sole property of the European Union. Any communication and publication by the beneficiary shall acknowledge that the data were produced "with funding by the European Union".
Spatial representation type	Grid
Distance	100 100 m
Language of dataset	English
Character set	UTF8
Topic category	<ul style="list-style-type: none"> • Environment • Imagery base maps earth cover
Begin date	2012-01-01
End date	2018-12-31

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Coordinate reference system identifier	EPSG:3035		
Distribution format	<ul style="list-style-type: none"> GeoTIFF (1.0) 		
OnLine resource	Protocol WWW:LINK-1.0-http--link OGC:WMS ESRI:REST	Linkage https://land.copernicus.eu/en/products/high-resolution-layer-water-and-wetness/water-and-wetness-status-2018#Download https://image.discomap.eea.europa.eu/arcgis/services/GioLandPublic/URL_WaterWetness_2018/ImageServer/WMServer?request=GetCapabilities&service=WMS https://image.discomap.eea.europa.eu/arcgis/rest/services/GioLandPublic/URL_WaterWetness_2018/ImageServer	Name Download (requires authentication)
OnLine resource	Protocol DOI	Linkage https://doi.org/10.2909/f6bbd22c-52e5-4e47-9b09-943415fcb52e	Name
Hierarchy level	Dataset		

Conformance result

Date (Publication)	2010-12-08
Explanation	See the referenced specification

Statement	<p>The 10m classified Water and Wetness layer is aggregated to 100m for the complete European LAEA layer according to the procedure described as follows: for the aggregation of the 10m classified product to a 100m raster in a concise way, all underlying 10m cells are considered. A majority rule is applied to ensure that the most appropriate class value is given to the 100m cell,</p> <p>considering all underlying 100 pixels that are covered by the 100m raster cell. The 100m cell receives the code of the majority of 10m pixels, under consideration of the fraction of valid and un-valid pixels and equality.</p> <p>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.</p> <p>Quality Assessment: The quality assessment has been performed according to INSPIRE Data Specifications. The data quality elements considered are:</p> <ul style="list-style-type: none"> (i) Completeness, (ii) Logical Consistency, (iii) Thematic Accuracy, (iv) Temporal quality and (v) Usability.
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Each of them (excl. the Thematic Accuracy hereafter) forms a section in the QA/QC Procedures.

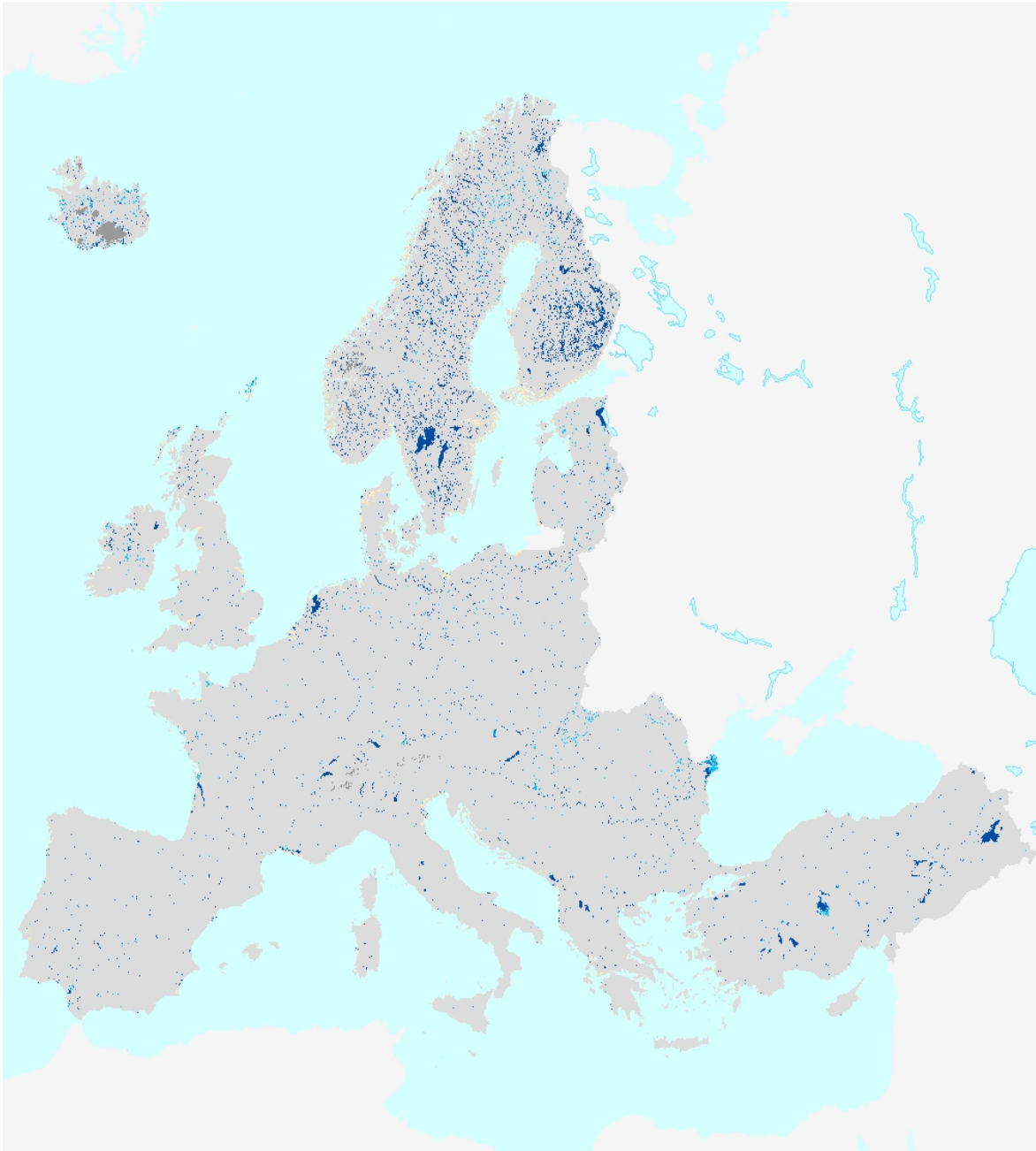
Source

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Metadata

File identifier	f6bbd22c-52e5-4e47-9b09-943415fcb52e XML		
Metadata language	English		
Character set	UTF8		
Hierarchy level	Dataset		
Date stamp	2024-02-06T16:45:18.637Z		
Metadata standard name	ISO 19115/19139		
Metadata standard version	1.0		
Metadata author	Organisation name	Individual name	Electronic mail address Website Role
	European Environment Agency		sdi@eea.europa.eu Point of contact

Overviews



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