

## WISE WFD groundwater body horizons reported under Water Framework Directive 2016 - INTERNAL VERSION - version 1.2, Mar. 2024

This dataset contains information on the European groundwater body horizons delineated for the 2nd River Basin Management Plans (RBMP) under the Water Framework Directive (WFD). The information was reported to the European Commission under the Water Framework Directive (WFD) reporting obligations. The dataset compiles the available spatial data related to the 2nd RBMPs due in 2016 (hereafter WFD2016). See <http://rod.eionet.europa.eu/obligations/715> for further information on the WFD2016 reporting.

According to the WFD reporting guidance, the spatial delineation of each groundwater body horizon must be reported if, and only if, a groundwater body has different horizons. Please refer to Annex 4 in the WFD Reporting Guidance for further information on the spatial delineation of groundwater horizons. The horizon element identifies each of the horizons of a groundwater body, using a simple integer numeration (in the sense of the numerical position of the groundwater body starting with the first horizon from the surface). If the groundwater body belong to a single horizon, then the information in this dataset and corresponding service matches that of the WFD2016\_GroundWaterBody\_WM service.

### NOTE:

\* This metadata refers to the internal dataset. Some reported datasets from the United Kingdom cannot be redistributed and are not included in the public version of this dataset (see WISE WFD groundwater body horizons reported under Water Framework Directive 2016 - PUBLIC VERSION - version 1.2, Mar. 2024).

\* This dataset has been reported by the member states. The subsequent QC revealed some problems caused by self-intersections elements. Data can be processed using QGIS.

## Simple

Date (Creation)	2024-03-11			
Date (Publication)	0024-04-30			
Edition	01.02			
Citation identifier	eea_v_4326_250_k_wise-gwb-horizon-wfd2016_i_2016-2024_v01_r00			
Status	Superseded			
Point of contact	<b>Organisation name</b>  European Environment Agency		<b>Individual name</b>	<b>Electronic mail address</b>  sdi@eea.europa.eu
			<b>Website</b>  <a href="http://www.eea.europa.eu">http://www.eea.europa.eu</a>	<b>Role</b>  Point of contact

### Point of contact

No information provided.

### Point of contact

No information provided.

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No information provided.

### Point of contact

No information provided.

<b>Maintenance and update frequency</b>	As needed
<b>Keywords</b>	
<b>GEMET</b>	<ul style="list-style-type: none"> <li>water resources management</li> <li>aquifer</li> <li>water body</li> </ul>

	<ul style="list-style-type: none"> <li>• water</li> <li>• Water Framework Directive</li> <li>• groundwater</li> </ul>
<b>GEMET - INSPIRE themes, version 1.0</b>	<ul style="list-style-type: none"> <li>• Area management/restriction/regulation zones and reporting units</li> </ul>
<b>Keywords</b>	
<b>Continents, countries, sea regions of the world.</b>	<ul style="list-style-type: none"> <li>• Norway</li> <li>• EU27 (from 2020)</li> <li>• United Kingdom</li> <li>• Iceland</li> </ul>
<b>Spatial scope</b>	<ul style="list-style-type: none"> <li>• European</li> </ul>
<b>INSPIRE priority data set</b>	<ul style="list-style-type: none"> <li>• Directive 2000/60/EC</li> <li>• Groundwater bodies (Water Framework Directive)</li> <li>• Water bodies (Water Framework Directive)</li> </ul>
<b>EEA topics</b>	<ul style="list-style-type: none"> <li>• Water</li> </ul>
<b>EEA Management Plan</b>	<ul style="list-style-type: none"> <li>• 2024 1.1.6</li> </ul>
<b>Access constraints</b>	Other restrictions
<b>Other constraints</b>	<a href="#">public access limited according to Article 13(1)(e) of the INSPIRE Directive</a>
<b>Use constraints</b>	Other restrictions
<b>Other constraints</b>	The dataset contains parts which are restricted by the data providers and not to be made public.
<b>Aggregate Dataset identifier</b>	f04fb300-889e-4d82-800e-1c8e918e5863
<b>Association Type</b>	Cross reference
<b>Spatial representation type</b>	Vector
<b>Denominator</b>	250000
<b>Language of dataset</b>	English
<b>Topic category</b>	<ul style="list-style-type: none"> <li>• Environment</li> </ul>



Begin date	2016-05-05
End date	2024-03-11
Additional Information	<p>Relevant concepts:</p> <p>Groundwater body: 'Body of groundwater' means a distinct volume of groundwater within an aquifer or aquifers.</p> <p>Groundwater: All water which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.</p> <p>Aquifer: Subsurface layer or layers of rock or other geological strata of sufficient porosity and permeability to allow either a significant flow of groundwater or the abstraction of significant quantities of groundwater.</p>
Coordinate reference system identifier	<a href="#">EPSG:4326</a>
Distribution format	<ul style="list-style-type: none"><li>• Geopackage ( )</li></ul>

OnLine resource

No information provided.

OnLine resource	Protocol	Linkage	Name
	ESRI:REST	<a href="https://water.discomap.eea.europa.eu/arcgis/rest/services/WISE_WFD/WFD2016_GroundWaterBodyHorizon_WM/MapServer">https://water.discomap.eea.europa.eu/arcgis/rest/services/WISE_WFD/WFD2016_GroundWaterBodyHorizon_WM/MapServer</a>	

OnLine resource

No information provided.

Hierarchy level	Dataset
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Conformance 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

Statement	According to the WFD reporting guidance, the spatial delineation of each groundwater body horizon must be reported if, and only if, a groundwater body has different horizons. Please refer to Annex 4 in the WFD Reporting Guidance for further information on the spatial delineation of groundwater horizons. The horizon element identifies each of the horizons of a groundwater body, using a simple integer numeration (in the sense of the numerical position of the groundwater body starting with the first horizon from the surface). If the groundwater body belong to a single horizon, then the information in this dataset and corresponding service matches that of the WFD2016_GroundWaterBody_WM service.
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Data model:

The data set follows the WISE spatial data model described in the WISE GIS guidance, available at [https://cdr.eionet.europa.eu/help/WFD/WFD\\_780\\_2022/GISGuidance/WISE\\_GIS\\_Guidance.pdf](https://cdr.eionet.europa.eu/help/WFD/WFD_780_2022/GISGuidance/WISE_GIS_Guidance.pdf)

The formal specification is available at [http://cdr.eionet.europa.eu/help/WFD/WFD\\_521\\_2016/UML/GML\\_Schemas\\_6.0.6.zip](http://cdr.eionet.europa.eu/help/WFD/WFD_521_2016/UML/GML_Schemas_6.0.6.zip)

The shapefile templates are available at [http://cdr.eionet.europa.eu/help/WFD/WFD\\_521\\_2016/Shapes/Shapefiles\\_6.0.6.zip](http://cdr.eionet.europa.eu/help/WFD/WFD_521_2016/Shapes/Shapefiles_6.0.6.zip)

Refer to the WISE GIS guidance for the mapping between the GML elements in the XML schema and the corresponding fields in Shapefile format.

Refer to the Technical Report which accompanies the data set for information on the additional fields present in the geopackage: cYear, lat, lon, statusCode, statusDate, statusRemarks, fileUrl, and countryCode.

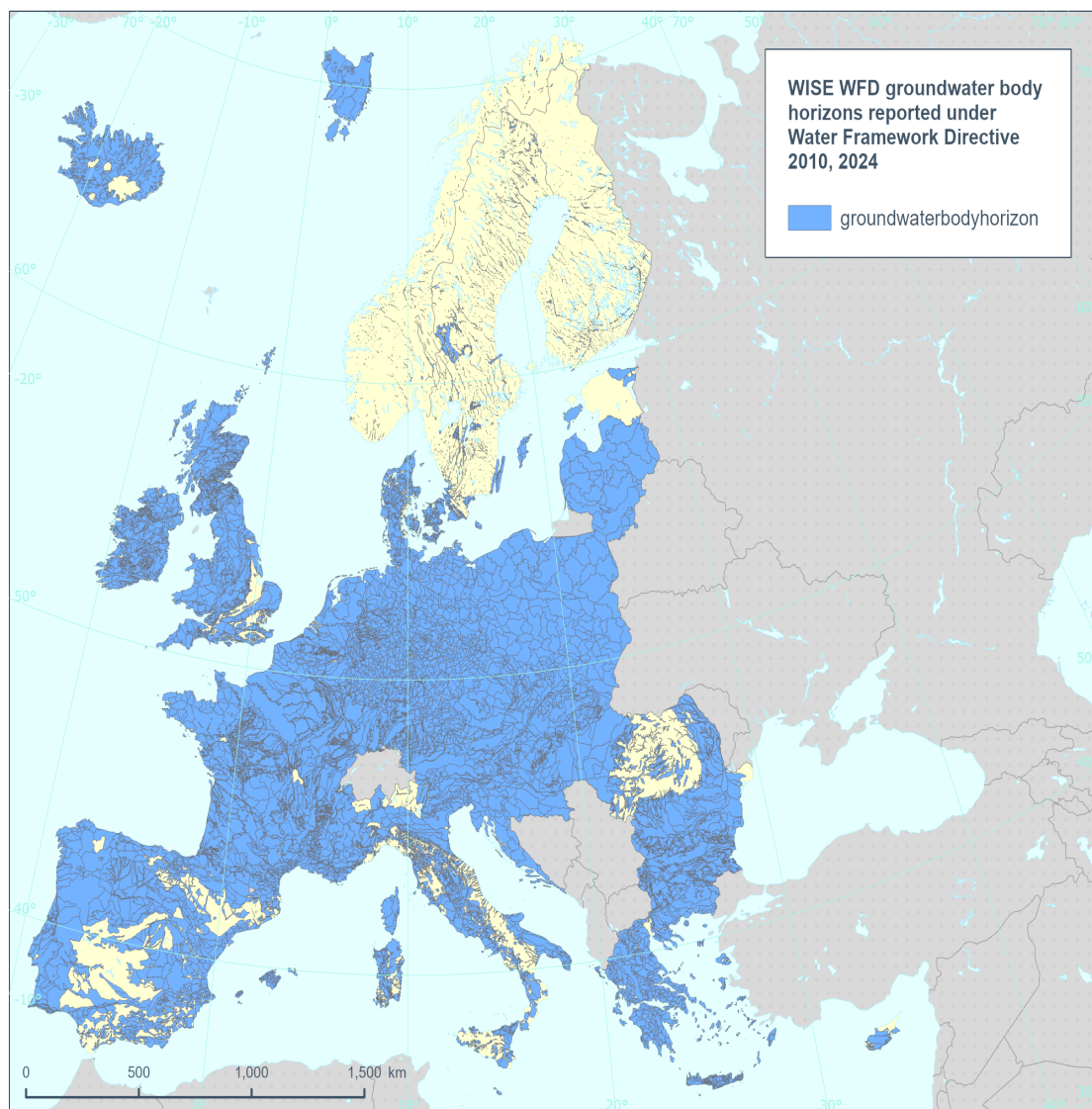
Data sources:

For the 2nd River Basin Management Plans, spatial data was reported under the "Water Framework Directive - River Basin Management Plans - 2016 Spatial data" (hereafter WFD2016). See [http://rod.eionet.europa.eu/obligations/717\\_for\\_further\\_information\\_on\\_the\\_reporting](http://rod.eionet.europa.eu/obligations/717_for_further_information_on_the_reporting).

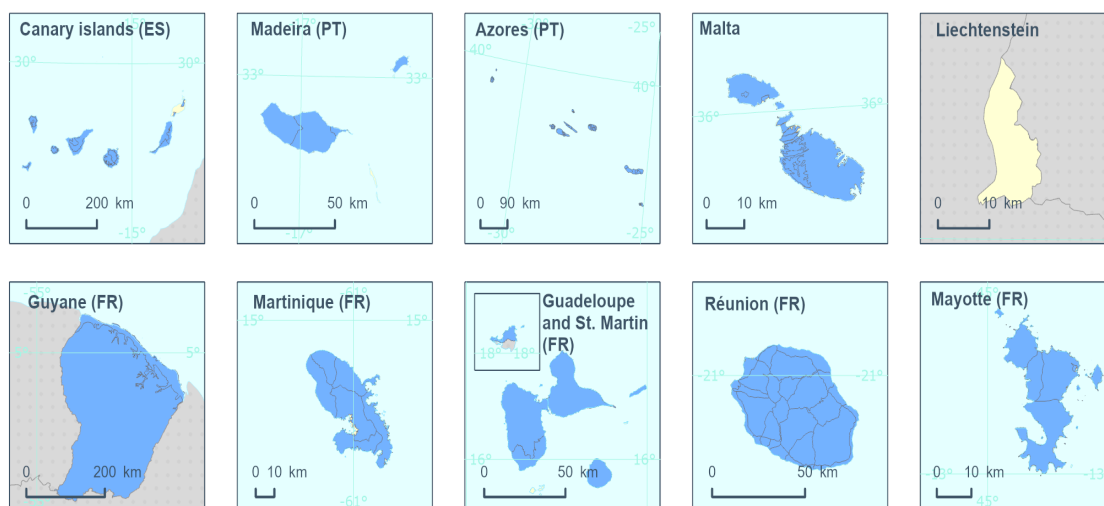
Metadata

File identifier	c623d274-4956-4cdc-bc6c-7915de27144a <a href="#">XML</a>		
Metadata language	English		
Character set	UTF8		
Hierarchy level	Dataset		
Date stamp	2024-12-13T11:46:21.287138Z		
Metadata standard name	ISO 19115/19139		
Metadata standard version	1.0		
Metadata author	Organisation name	Individual name	Electronic mail addressWebsite Role
	European Environment Agency		sdi@eea.europa.euPoint of contact

Overviews



Reference data: © EuroGeographics, © FAO (UN), © TurkStat Source: European Commission – Eurostat/GISCO



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