

WISE WFD groundwater body horizons reported under Water Framework Directive 2016 - PUBLIC VERSION - version 1.0, Jun. 2021

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 belongs to a single horizon, then the information in this dataset and corresponding service matches that of the WFD2016_GroundWaterBody_WM service.

The groundwater body spatial dataset can be downloaded via the EEA SDI: <https://sdi.eea.europa.eu/catalogue/srv/eng/catalog.search#/metadata/333bafc0-d0d5-4d8a-8153-7ca602311014>. The information about quantitative status, chemical status, etc. can be downloaded via the EEA web site: <https://www.eea.europa.eu/data-and-maps/data/wise-wfd-4>

NOTE: This metadata refers to the public dataset. Some reported datasets from the United Kingdom cannot be redistributed and are included in the internal version of this dataset (see WISE WFD groundwater body horizons reported under Water Framework Directive 2016 - INTERNAL VERSION - version 1.0, Jun. 2021). However, the web service does include UK dataset only for visualisation purposes.

Relevant concepts:

Groundwater body: 'Body of groundwater' means a distinct volume of groundwater within an aquifer or aquifers.

Groundwater: All water which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

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.

Simple

Date (Creation)	2021-06-23			
Edition	01.00			
Citation identifier	eea_v_4326_250_k_wise-gwb-horizon-wfd2016_p_2016-2019_v01_r00			
Status	Superseded			
Point of contact	Organisation name	Individual name	Electronic mail address	Website Role
	European Environment Agency		sdi@eea.europa.eu	http://www.eea.europa.eu Point of contact

Point of contact

No information provided.

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No information provided.

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No information provided.

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No information provided.

Maintenance and update frequency	As needed
Keywords	
GEMET	• water resources management • aquifer • water • groundwater • water body • Water Framework Directive
GEMET - INSPIRE themes, version 1.0	• Area management/restriction/regulation zones and reporting units
Keywords	
Continents, countries, sea regions of the world.	• Iceland • Norway • EU27 (from 2020)
Spatial scope	• European
INSPIRE priority data set	• Groundwater bodies (Water Framework Directive) • Water bodies (Water Framework Directive) • Directive 2000/60/EC
EEA topics	• Water
Access constraints	Other restrictions
Other constraints	no limitations to public access
Use constraints	Other restrictions
Other constraints	EEA standard re-use policy: unless otherwise indicated, re-use of content on the EEA website for commercial or non-commercial purposes is permitted free of charge, provided that the source is acknowledged (http://www.eea.europa.eu/legal/copyright). Copyright holder: European Environment Agency (EEA).
Aggregate Dataset identifier	f04fb300-889e-4d82-800e-1c8e918e5863
Association Type	Cross reference
Spatial representation type	Vector
Denominator	250000
Language of dataset	English
Topic category	• Environment

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Begin date	2016-05-05		
End date	2019-03-31		
Coordinate reference system identifier	EPSG:4326		
Distribution format	• Geopackage () • SHP ()		
OnLine resource	Protocol EEA:FILEPATH EEA:FOLDERPATH WWW:URL OGC:WMS	Linkage https://sdi.eea.europa.eu/webdav/datastore/public/eea_v_4326_250_k_wise-gwb-horizon-wfd2016_p_2016-2019_v01_r00/gpkg/ https://sdi.eea.europa.eu/webdav/datastore/public/eea_v_4326_250_k_wise-gwb-horizon-wfd2016_p_2016-2019_v01_r00/shp/ https://sdi.eea.europa.eu/data/c5009a24-d30d-470d-bcb2-90dc70a0ce81 https://water.discomap.eea.europa.eu/arcgis/services/WISE_WFD/WFD2016_GroundWaterBodyHorizon_WM/MapServer/WMSServer?request=GetCapabilities&service=WMS	Name GWB_horizon_gpkg GWB_horizon_shp Direct download
OnLine resource	Protocol ESRI:REST	Linkage https://water.discomap.eea.europa.eu/arcgis/rest/services/WISE_WFD/WFD2016_GroundWaterBodyHorizon_WM/MapServer	Name
Hierarchy level	Dataset		

Conformance result

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. The groundwater body spatial dataset can be downloaded via the EEA SDI: https://sdi.eea.europa.eu/catalogue/srv/eng/catalog.search#/metadata/333bafc0-d0d5-4d8a-8153-7ca602311014 .
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The information about quantitative status, chemical status, etc. can be downloaded via the EEA web site: <https://www.eea.europa.eu/data-and-maps/data/wise-wfd-4>

Data model:

The data set follows the WISE spatial data model described in the WISE GIS guidance, available at http://cdr.eionet.europa.eu/help/WFD/WFD_521_2016/GISGuidance/WISE_GISGuidance.pdf

The formal specification is available at 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

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 shapefiles: cYear, country, lat, lon, statusCode, statusDate, remarks and qcCheck.

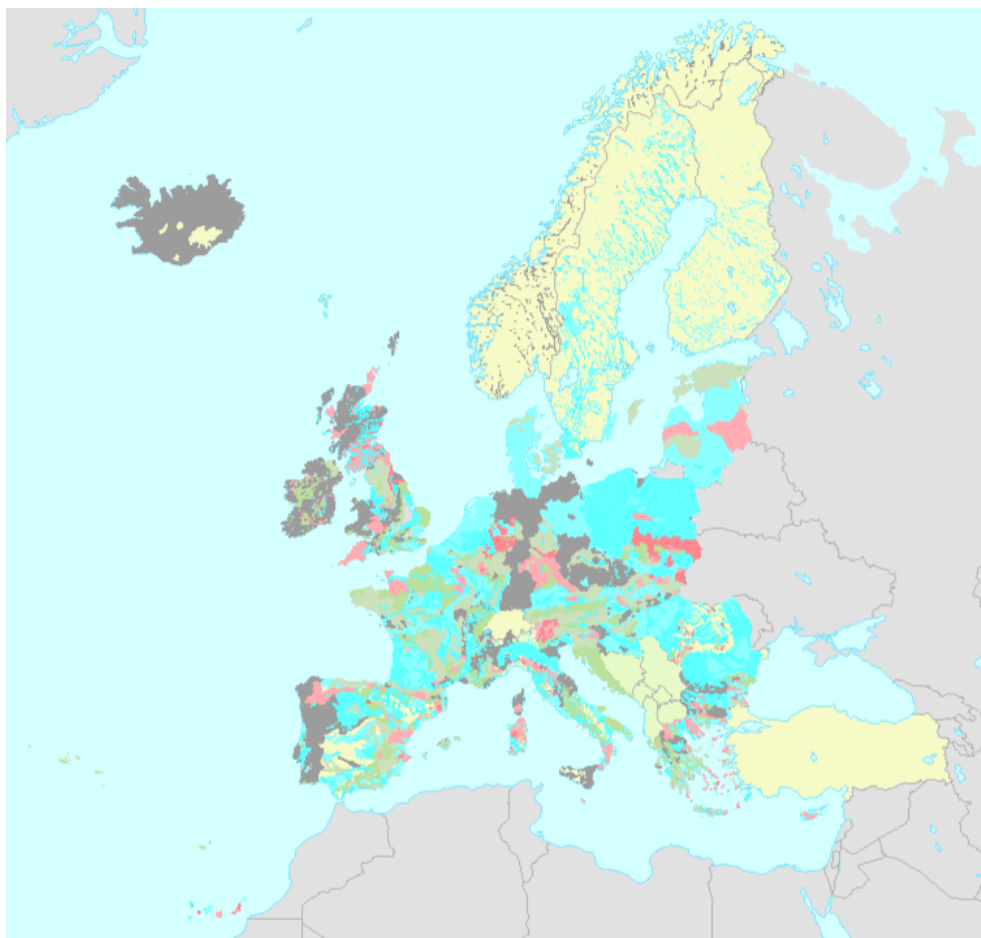
Data sources:

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 .

Metadata

File identifier	c5009a24-d30d-470d-bcb2-90dc70a0ce81 XML			
Metadata language	English			
Character set	UTF8			
Hierarchy level	Dataset			
Date stamp	2024-04-11T07:58:48.251065Z			
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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