



WISE WFD Quality Elements status reported under Water Framework Directive 2016

The service contains information about the ecological status or potential of European surface water bodies, delineated for the 2nd River Basin Management Plans (RBMP) under the Water Framework Directive (WFD).

The Quality Element status is the poorest of the known quality element status values per water body.

For example, the nutrient conditions status (QE3-1-6) is based on the following two quality elements: Nitrogen conditions (QE3-1-6-1) and Phosphorus conditions (QE3-1-6-2).

The ecological status or potential is presented for the following quality elements:

QE1 - Biological quality elements;

QE1-1 - Phytoplankton;

QE1-2 - Other aquatic flora;

QE1-2-1 - Macroalgae;

QE1-2-2 - Angiosperms;

QE1-2-3 - Macrophytes;

QE1-2-4 - Phytobenthos;

QE1-3 - Benthic invertebrates;

QE1-4 - Fish;

QE2 - Hydromorphological quality elements;

QE2-1 - Hydrological or tidal regime;

QE2-2 - River continuity conditions;

QE2-3 - Morphological conditions;

QE3 - Chemical and physico-chemical quality elements;

QE3-1 - General parameters;

QE3-1-1 - Transparency conditions;

QE3-1-2 - Thermal conditions;

QE3-1-3 - Oxygenation conditions;

QE3-1-4 - Salinity conditions;

QE3-1-5 - Acidification status;

QE3-1-6 - Nutrient conditions;

QE3-1-6-1 - Nitrogen conditions;

QE3-1-6-2 - Phosphorus conditions;

QE3-3 - River Basin Specific Pollutants.

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.

Relevant concepts:

Surface water body: Body of surface water means a discrete and significant element of surface water such as a lake, a reservoir, a stream, river or canal, part of a stream, river or canal, a transitional water or a stretch of coastal water.

Surface water: Inland waters, except groundwater; transitional waters and coastal waters, except in respect of chemical status for which it shall also include territorial waters.

Inland water: All standing or flowing water on the surface of the land, and all groundwater on the landward side of the baseline from which the breadth of territorial waters is measured.

River: Body of inland water flowing for the most part on the surface of the land but which may flow underground for part of its course.

Lake: Body of standing inland surface water.

Transitional waters: Bodies of surface water in the vicinity of river mouths which are partly saline in character as a result of their proximity to coastal waters but which are substantially influenced by freshwater flows.

Coastal water: Surface water on the landward side of a line, every point of which is at a distance of one nautical mile on the seaward side from the nearest point of the baseline from which the breadth of territorial waters is measured, extending where appropriate up to the outer limit of transitional waters.

Simple

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Point of contact	Organisation name	Individual name	Electronic mail address	Website	Role
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No information provided.

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No information provided.

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No information provided.

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Keywords	
GEMET	<ul style="list-style-type: none">coastal waterecological statusinland watersurface waterwater resources managementwater (geographic)riverlaketransitional waterswater bodywaterWater Framework Directive
GEMET - INSPIRE themes, version 1.0	<ul style="list-style-type: none">Area management/restriction/regulation zones and reporting units
Keywords	

Continents, countries, sea regions of the world.	<ul style="list-style-type: none">ItalyPortugalUnited KingdomNetherlandsCroatiaFranceBulgariaDenmarkBelgiumEstoniaRomaniaCyprusSloveniaSpainSlovakiaCzechiaGermanySwedenMaltaIrelandLatviaHungaryGreeceAustriaLithuaniaNorwayPolandLuxembourgFinland
Spatial scope	<ul style="list-style-type: none">European
INSPIRE priority data set	<ul style="list-style-type: none">Surface water bodies (Water Framework Directive)Lakes (Water Framework Directive)Rivers (Water Framework Directive)Coastal waters (Water Framework Directive)Transitional waters (Water Framework Directive)Directive 2000/60/ECRiver network (Water Framework Directive)Water bodies (Water Framework Directive)
EEA topics	<ul style="list-style-type: none">Water
Access constraints	Other restrictions

Other constraints	no limitations to public access
Use constraints	Other restrictions
Other constraints	No limitations in the use of this web service.
Language of dataset	English
Character set	UTF8
Topic category	<ul style="list-style-type: none">• Environment• Inland waters• Geoscientific information

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Begin date	2016-05-05		
End date	2019-03-31		
Coordinate reference system identifier	EPSG:4326		
Coordinate reference system identifier	EPSG:3857		
Coordinate reference system identifier	EPSG:102100		
Reference system identifier	CRS:84		
Distribution format	<ul style="list-style-type: none"> ESRI REST () 		
OnLine resource	Protocol ESRI:REST OGC:WMS	Linkage https://water.discomap.eea.europa.eu/arcgis/rest/services/WISE_WFD/WFD2016_QualityElements_WM/MapServer https://water.discomap.eea.europa.eu/arcgis/services/WISE_WFD/WFD2016_QualityElements_WM/MapServer/WMServer?request=GetCapabilities&service=WMS	Name ESRI REST
Hierarchy level	Dataset		

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)	2013-05-21
Explanation	See the referenced specification

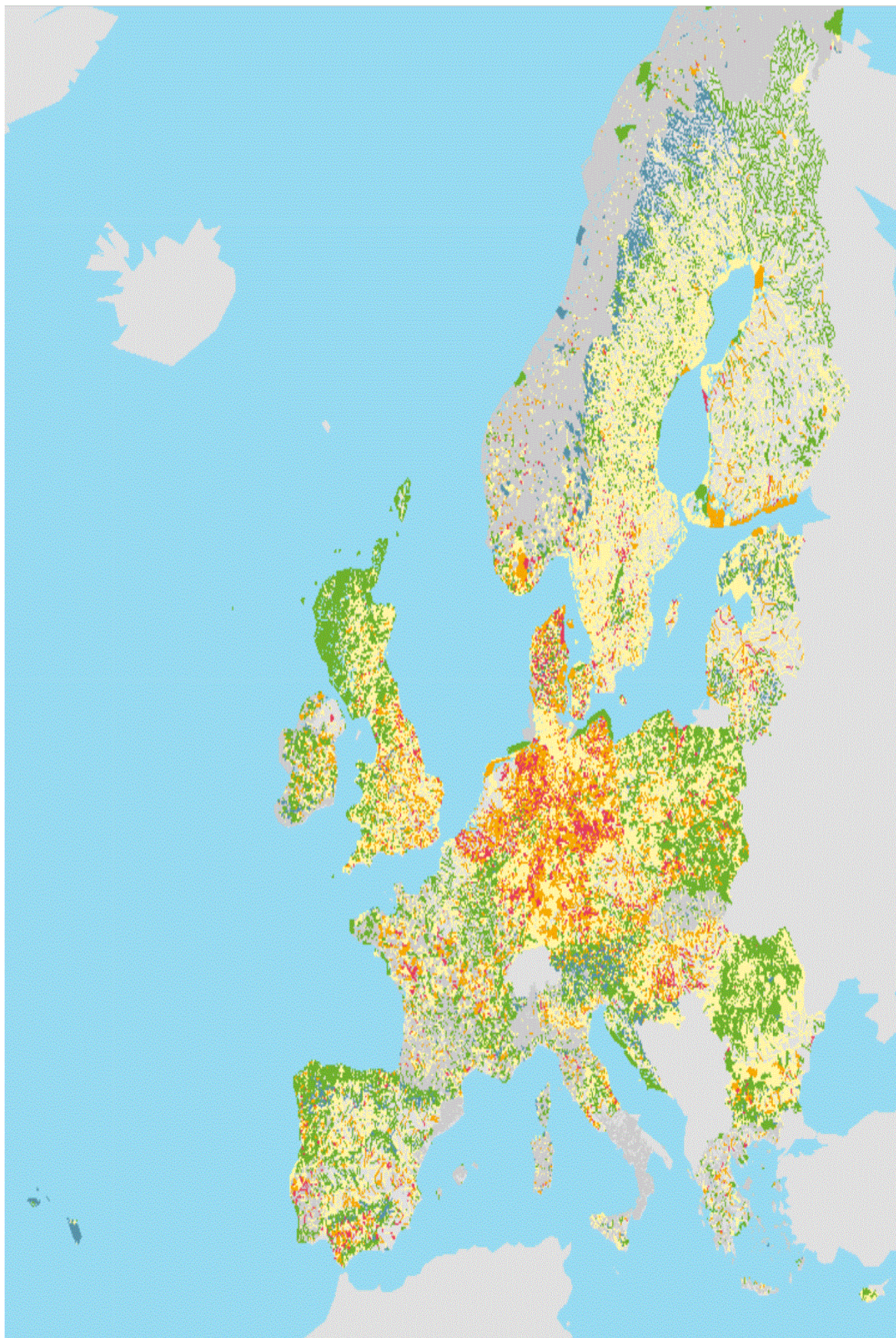
Statement	For more information about the lineage of the datasets provided via this web service, please consult the metadata of the associated dataset.
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Metadata

File identifier	b895b6cf-80d7-4c82-8ca4-f26a682ff0b XML
Metadata language	English
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Hierarchy level	Dataset

Date stamp	2025-02-13T14:45:11.878102Z			
Metadata standard name	ISO 19119/19139			
Metadata standard version	1.0			
Metadata author	Organisation name	Individual name	Electronic mail address	Website Role
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Overviews



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