

WISE WFD Quality Elements status reported under Water Framework Directive 2016 - Web Service

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/Z> 15 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

Identification info

Date (Publication)	2020-08-15			
Citation identifier	eea_v_4326_250_k_wise-quality-elements-wfd2016-service			
Point of contact	Organisation name	Individual name	Electronic mail address	Website Role
	European Environment Agency		info@eea.europa.eu	http://www.eea.europa.eu Point of contact

Point of contact

No information provided.

Point of contact

No information provided.

Point of contact

No information provided.

Point of contact

No information provided.

Keywords	
GEMET	<ul style="list-style-type: none">• surface water• water• river• water (geographic)• ecological status• lake• water resources management• transitional waters• coastal water• water body• inland water• Water 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"> • Germany • Estonia • Cyprus • Belgium • Portugal • Hungary • Denmark • Sweden • Croatia • France • Malta • Netherlands • Poland • Slovakia • Italy • Greece • Czechia • United Kingdom • Ireland • Latvia • Bulgaria • Austria • Finland • Romania • Spain • Luxembourg • Norway • Lithuania • Slovenia
Spatial scope	<ul style="list-style-type: none"> • European
INSPIRE priority data set	<ul style="list-style-type: none"> • Directive 2000/60/EC • Surface water bodies (Water Framework Directive) • Lakes (Water Framework Directive) • River network (Water Framework Directive) • Rivers (Water Framework Directive) • Coastal waters (Water Framework Directive) • Water bodies (Water Framework Directive) • Transitional waters (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.
Service Type	OGC:WMS
Fees	NONE



Begin date	2016-05-05		
End date	2019-03-31		
Coupled Resource	Operation Name	Scoped name	Identifier
	GetCapabilities		eeda7b9e-afa5-4938-a592-08e5c987f6f5
	GetCapabilities		1f91bcac-2d39-4ce3-b684-8612e4b3ed1b
Coupling Type	Tight		
Contains Operations	Operation Name	Distributed Computing Platforms	Connect Point
Operates On	<ul style="list-style-type: none"> • WISE WFD Reference Spatial Datasets reported under Water Framework Directive 2016 - INTERNAL VERSION - version 1.4. Apr. 2020 • WISE WFD Reference Spatial Datasets reported under Water Framework Directive 2016 - PUBLIC VERSION - version 1.4. Apr. 2020 		
CRS identifier	EPSG:4326		
CRS identifier	EPSG:3857		
CRS identifier	EPSG:102100		
Reference system identifier	CRS:84		
OnLine resource	Protocol	Linkage	Name
	OGC:WMS	https://water.discomap.eea.europa.eu/arcgis/services/WISE_WFD/WFD2016_QualityElements_WM/MapServer/WMServer?request=GetCapabilities&service=WMS	
	ESRI:REST	https://water.discomap.eea.europa.eu/arcgis/rest/services/WISE_WFD/WFD2016_QualityElements_WM/MapServer	
Hierarchy level	Service		
Other	Service		

Conformance result

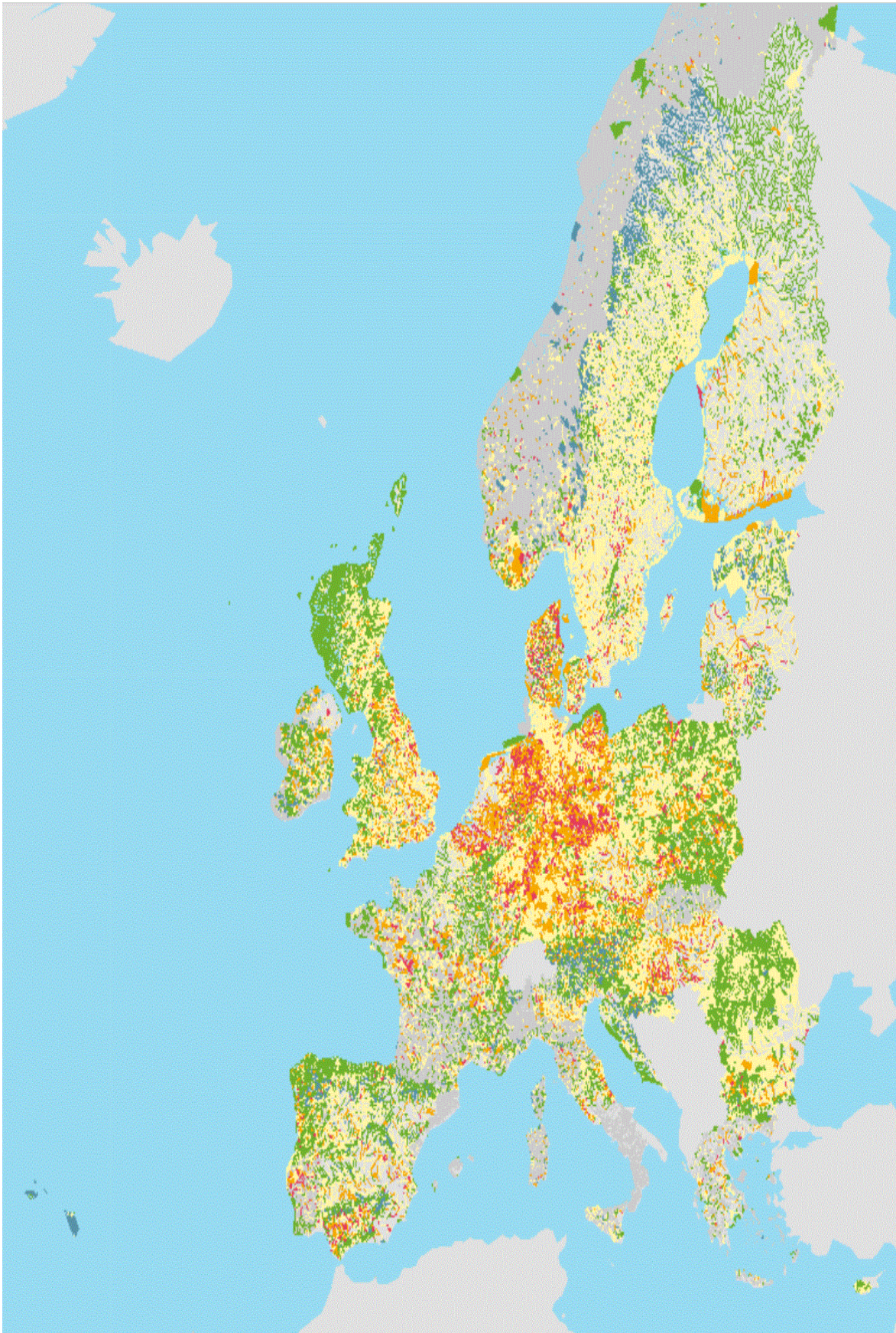
Date (Publication)	2010-12-08
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Explanation	See the referenced specification
Statement	For more information about the lineage of the datasets provided via this web service, please consult the metadata of the associated dataset.

Metadata

File identifier	b895b6cf-80d7-4c82-8ca4-f26a682fff0b XML		
Metadata language	English		
Character set	UTF8		
Hierarchy level	Service		
Hierarchy level name	Service		
Date stamp	2020-08-17T07:40:06		
Metadata standard name	ISO 19119/19139		
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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