

Bathing water quality in Europe - Web Services

The bathing water quality data services include all coastal and inland bathing waters reported and assessed in the European Union Member States, Albania, Switzerland and the United Kingdom.

The data is reported annually in the scope of the Bathing Water Directive (Directive 2006/7/EC of the European Parliament and of the Council of 15 February 2006, BWD) reporting obligations.

The map services in https://water.discomap.eea.europa.eu/arcgis/rest/services/BathingWater/show_the_location_of_the_bathing_waters_and_the_assessment_of_bathing_water_quality_for_the_last_reported_bathing_season,_as_well_as_for_the_ten_previous_bathing_seasons .

Each bathing water is assessed for three statuses:

- 1) monitoring calendar status,
- 2) management status,
- 3) bathing water quality status.

The monitoring calendar status evaluates the implementation of the monitoring calendar in the last reported season (as defined in Annex IV of the Bathing Water Directive).

The management status evaluates the management in the last assessment period, whether the bathing water was continuously monitored or not.

The bathing quality status evaluates the quality of bathing waters according to the two microbiological parameters: Escherichia coli and Intestinal enterococci (as defined in Annexes I and II of the Bathing Water Directive).

The bathing water quality is classified in one of four classes: "Excellent", "Good", "Sufficient" or "Poor".

The status "Not classified" is applied if there are not enough available samples to evaluate the water quality.

The data service in <https://discodata.eea.europa.eu/> contains the results of the bathing water status since 1990 :

[WISE_BWD].[latest].[assessment_BathingWaterStatus]

It also contains the reported data in the following tables:

[WISE_BWD].[latest].[timeseries_Characterisation]

[WISE_BWD].[latest].[timeseries_SeasonalPeriod]

[WISE_BWD].[latest].[timeseries_MonitoringResult]

[WISE_BWD].[latest].[spatial_SpatialProtected]

Simple

Identification info

Date (Publication)	2020-06-08				
Date (Revision)	2021-09-20				
Citation identifier	eea_v_4326_250_k_wise-bwd-bathing-water-quality_service				
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.

Point of contact

No information provided.

Keywords	
GEMET	<ul style="list-style-type: none"> • water (geographic) • inland water • water • bathing water • coastal water • lake • water body • surface water • bathing water directive • river • transitional waters • Water Framework Directive • water resources management
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"> • United Kingdom • EU27 (from 2020) • Albania • Switzerland
Spatial scope	<ul style="list-style-type: none"> • European
INSPIRE priority data set	<ul style="list-style-type: none"> • Directive 2006/7/EC • Directive 2000/60/EC • Bathing water sites (Bathing Water Directive) • Protected areas (Water Framework Directive) • Bathing waters - recreational waters (Water Framework Directive)
EEA topics	<ul style="list-style-type: none"> • Water • Environmental health impacts
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
Service Version	1.3.0
Fees	NONE

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Begin date	2008-01-01		
Coupled Resource	Operation Name GetCapabilities	Scoped name	Identifier 40e6624e-cd58-4183-8a5d-61795100b133
Coupling Type	Tight		
Contains Operations	Operation Name	Distributed Computing Platforms	Connect Point
Operates On	<ul style="list-style-type: none"> WISE WFD Protected Areas under the Water Framework Directive 2016 - PUBLIC VERSION - version 3.0, Sep. 2021 		
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"> () 		
OnLine resource	Protocol OGC:WMS ESRI:REST WWW:LINK-1.0-http--link WWW:LINK-1.0-http--link	Linkage https://water.discomap.eea.europa.eu/arcgis/services/BathingWater/BathingWater_Dyna_WM/MapServer/WMServer?request=GetCapabilities&service=WMS https://water.discomap.eea.europa.eu/arcgis/rest/services/BathingWater/BathingWater_Dyna_WM/MapServer https://www.eea.europa.eu/themes/water/interactive/bathing/state-of-bathing-waters https://discodata.eea.europa.eu/#WISE_BWD_latest	Name State of bathing waters dashboard DISCODATA Rest endpoint
Hierarchy level	Service		
Other	Service		

Conformance result

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

Conformance result

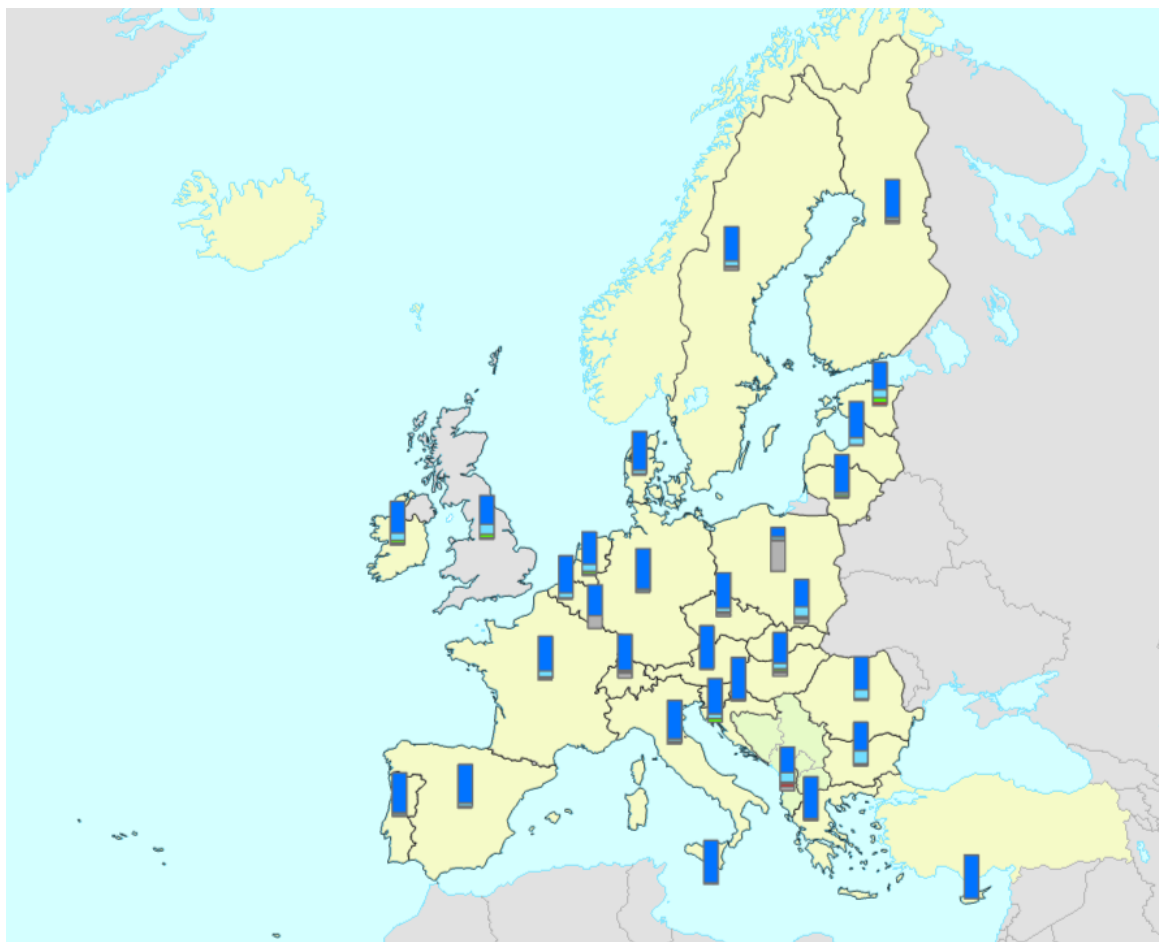
Date (Publication)	2010-12-08
Explanation	See the referenced specification

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

File identifier	6b7b7f62-659f-4df7-8b54-88c5113a9400 XML										
Metadata language	English										
Character set	UTF8										
Hierarchy level	Service										
Hierarchy level name	Service										
Date stamp	2022-01-28T17:19:58.878Z										
Metadata standard name	ISO 19119/19139										
Metadata standard version	1.0										
Metadata author	<table><tr><th>Organisation name</th><th>Individual name</th><th>Electronic mail address</th><th>Website Role</th></tr><tr><td>European Environment Agency</td><td></td><td>sdi@eea.europa.eu</td><td>Point of contact</td></tr></table>	Organisation name	Individual name	Electronic mail address	Website Role	European Environment Agency		sdi@eea.europa.eu	Point of contact		
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European Environment Agency		sdi@eea.europa.eu	Point of contact								

Overviews



Provided by

