

## Floods Reference Spatial Datasets reported under Floods Directive, 2011

The Floods Directive (FD) was introduced in November 2007 ( <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex:32007L0060> ), partly in response to the large floods along the Danube and Elbe rivers in the summer of 2002 and partly in response to mounting evidence that socioeconomic development and climate change increase the chances that floods in Europe could become more catastrophic and frequent. The purpose of the FD is to establish a framework for the assessment and management of flood risks, aiming at the reduction of the adverse consequences for human health, the environment, cultural heritage and economic activity associated with floods in the European Union. The Directive covers all types of floods, including fluvial, pluvial, coastal and groundwater floods as well as floods from artificial water-bearing infrastructure and may exclude floods from sewerage systems.

This reference spatial dataset, reported under Floods Directive, includes the areas of potential significant flood risk (APsFR), as they were lastly reported by the Member States to the European Commission, and the Units of Management (UoM).

### Simple

<b>Date (Creation)</b>	2023-10-17
<b>Date (Publication)</b>	2023-11-30
<b>Edition</b>	01.00
<b>Citation identifier</b>	eea_v_4326_100_k_floods-ref-data-under-fd_p_2011-now_v01_r00
<b>Status</b>	Superseded

### Point of contact

No information provided.

### Point of contact

No information provided.

### Point of contact

No information provided.

<b>Maintenance and update frequency</b>	Not planned
<b><a href="#">GEMET - INSPIRE themes, version 1.0</a></b>	<ul style="list-style-type: none"> <li>• <a href="#">Natural risk zones</a></li> </ul>
<b>Keywords</b>	
<b>Keywords</b>	
<b><a href="#">GEMET</a></b>	<ul style="list-style-type: none"> <li>• <a href="#">water</a></li> <li>• <a href="#">natural risk</a></li> </ul>
<b>Continents, countries, sea regions of the world.</b>	<ul style="list-style-type: none"> <li>• Romania</li> <li>• Denmark</li> <li>• Netherlands</li> <li>• Slovakia</li> <li>• Cyprus</li> <li>• France</li> <li>• Ireland</li> <li>• Croatia</li> <li>• Hungary</li> <li>• Bulgaria</li> </ul>

	<ul style="list-style-type: none"> <li>• Portugal</li> <li>• Czechia</li> <li>• Poland</li> <li>• Latvia</li> <li>• Greece</li> <li>• Malta</li> <li>• Luxembourg</li> <li>• Sweden</li> <li>• Lithuania</li> <li>• Slovenia</li> <li>• Belgium</li> <li>• Germany</li> <li>• Spain</li> <li>• Italy</li> <li>• Estonia</li> <li>• Austria</li> <li>• Finland</li> </ul>
<b>Spatial scope</b>	<ul style="list-style-type: none"> <li>• European</li> </ul>
<b>Reporting obligations</b>	<ul style="list-style-type: none"> <li>• <a href="#">Floods Directive - Preliminary Flood Risk Assessment and Areas of Potential Significant Flood Risk - 2019</a></li> </ul>
<b>EEA Management Plan</b>	<ul style="list-style-type: none"> <li>• 2023 1.1.2</li> </ul>
<b>EEA topics</b>	<ul style="list-style-type: none"> <li>• <a href="#">Water</a></li> </ul>
<b>Access constraints</b>	Other restrictions
<b>Other constraints</b>	<a href="#">no limitations to public access</a>
<b>Use constraints</b>	Other restrictions
<b>Other constraints</b>	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 ( <a href="http://www.eea.europa.eu/legal/copyright">http://www.eea.europa.eu/legal/copyright</a> ). Copyright holder: European Environment Agency (EEA).
<b>Spatial representation type</b>	Vector
<b>Language of dataset</b>	English
<b>Topic category</b>	<ul style="list-style-type: none"> <li>• Environment</li> <li>• Inland waters</li> </ul>



<b>Begin date</b>	2011-12-22		
<b>Coordinate reference system identifier</b>	<a href="#">EPSG:4326</a>		
<b>Distribution format</b>	<ul style="list-style-type: none"> <li>• Geopackage ( )</li> </ul>		
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	WWW:URL	<a href="https://sdi.eea.europa.eu/data/e1fcd51e-baab-46b8-a68b-52dc24d9f7ce">https://sdi.eea.europa.eu/data/e1fcd51e-baab-46b8-a68b-52dc24d9f7ce</a>	Direct download
	OGC:WMS	<a href="https://water.discomap.eea.europa.eu/arcgis/services/FloodsDirective/FloodsDirective_AreasOfPotentialSignificantFloodRisk_WM/MapServer/WMSServer?request=GetCapabilities&amp;service=WMS">https://water.discomap.eea.europa.eu/arcgis/services/FloodsDirective/FloodsDirective_AreasOfPotentialSignificantFloodRisk_WM/MapServer/WMSServer?request=GetCapabilities&amp;service=WMS</a>	1
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	OGC:WMS	<a href="https://water.discomap.eea.europa.eu/arcgis/services/FloodsDirective/FloodsDirective_AreasOfPotentialSignificantFloodRisk_WM/MapServer/WMSServer?request=GetCapabilities&amp;service=WMS">https://water.discomap.eea.europa.eu/arcgis/services/FloodsDirective/FloodsDirective_AreasOfPotentialSignificantFloodRisk_WM/MapServer/WMSServer?request=GetCapabilities&amp;service=WMS</a>	3
	ESRI:REST	<a href="https://water.discomap.eea.europa.eu/arcgis/rest/services/FloodsDirective/FloodsDirective_UnitsOfManagement_WM/MapServer">https://water.discomap.eea.europa.eu/arcgis/rest/services/FloodsDirective/FloodsDirective_UnitsOfManagement_WM/MapServer</a>	FloodsDirective_UnitsOfManagement_WM
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	OGC:WMS	<a href="https://water.discomap.eea.europa.eu/arcgis/services/FloodsDirective/FloodsDirective_AreasOfPotentialSignificantFloodRisk_WM/MapServer/WMSServer?request=GetCapabilities&amp;service=WMS">https://water.discomap.eea.europa.eu/arcgis/services/FloodsDirective/FloodsDirective_AreasOfPotentialSignificantFloodRisk_WM/MapServer/WMSServer?request=GetCapabilities&amp;service=WMS</a>	
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<b>OnLine resource</b>	<b>Protocol</b>	<b>Linkage</b>	<b>Name</b>
	ESRI:REST	<a href="https://water.discomap.eea.europa.eu/arcgis/rest/services/FloodsDirective/FloodsDirective_AreasOfPotentialSignificantFloodRisk_WM/MapServer">https://water.discomap.eea.europa.eu/arcgis/rest/services/FloodsDirective/FloodsDirective_AreasOfPotentialSignificantFloodRisk_WM/MapServer</a>	FloodsDirective_AreasOfPotentialSignificantFloodRisk_WM

## OnLine resource

No information provided.

Hierarchy level	Dataset
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## Conformance result

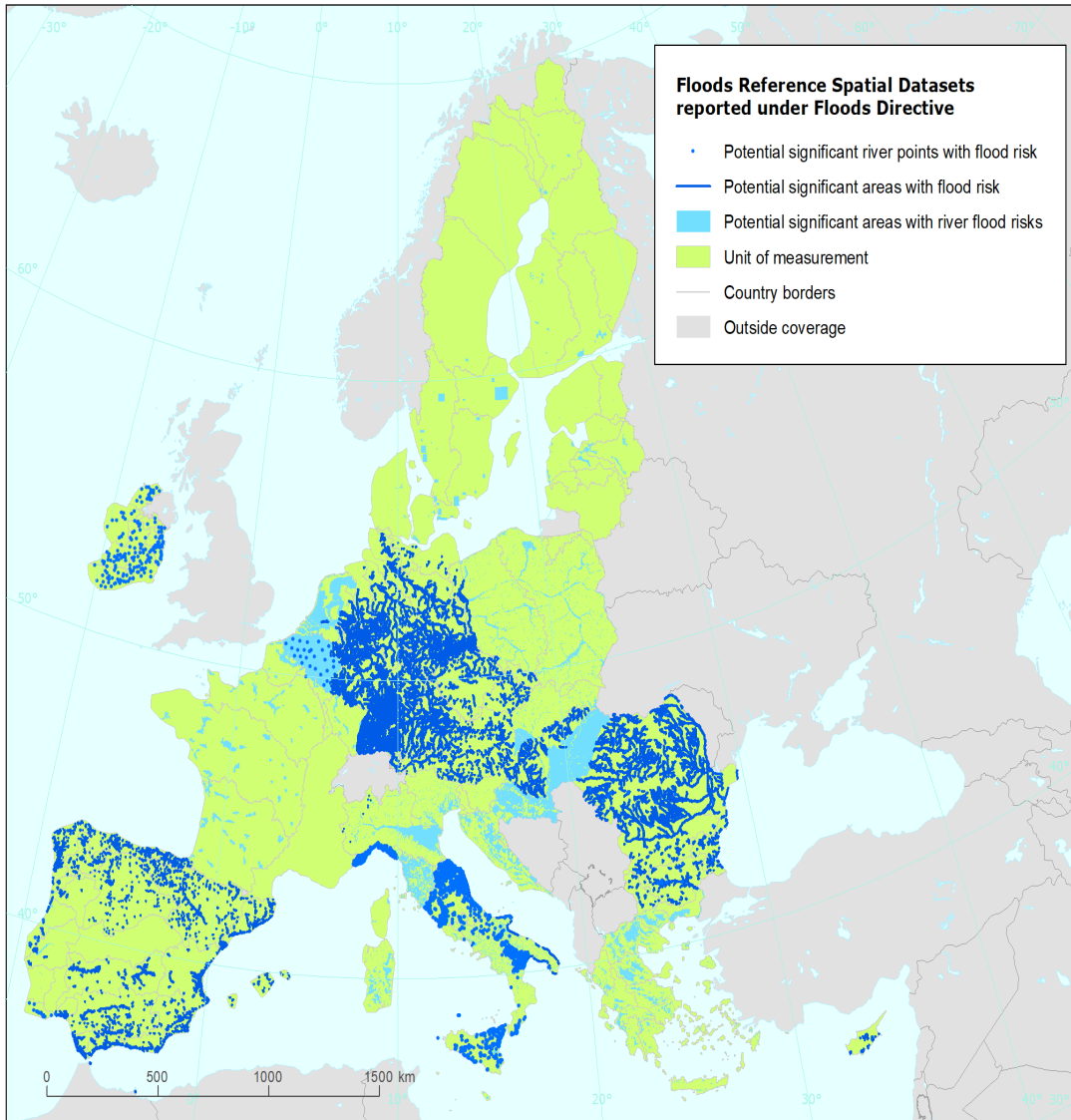
Date (Publication)	2010-12-08
Explanation	See the referenced specification

Statement	<p>The FD takes a three step cyclical approach to flood risk management. During the first six yearly cycle (2019-15) the FD required that Member States (1) undertake, by December 2011, preliminary flood risk assessments (PFRA) leading to the identification of areas that are at significant risk of flooding, known as areas of potential significant flood risk (APsFR); (2) by December 2013, prepare flood hazard and risk maps (FHRM) showing how far floods might extend, the depth or level of water and the impacts there might be on human health, the economy, environment and cultural heritage and, finally, (3) prepare Flood Risk Management Plans (FRMP) to be published by December 2015 and reported by March 2016 to the European Commission. In February 2019 The European Commission published its assessment of MS' first FRMPs ( <a href="https://ec.europa.eu/environment/water/water-framework/impl_reports.htm">https://ec.europa.eu/environment/water/water-framework/impl_reports.htm</a> ) and subsequently, in December 2019, published an evaluation of the Directive itself ( <a href="https://ec.europa.eu/environment/water/fitness_check_of_the_eu_water_legislation/index_en.htm">https://ec.europa.eu/environment/water/fitness_check_of_the_eu_water_legislation/index_en.htm</a> ). Currently, the Member States are implementing their 1st FRMPs and at the same time going through the 2nd cycle (2016-21) of implementation.</p> <p>More than 8,000 APsFRs have been identified throughout the EU by Member State competent authorities. The present dataset include the APsFRs, as they were lastly reported by the Member States to the European Commission, and the Units of Management (UoM). UoMs are geographical regions assigned by the Member States to organize the management of flood risk. In the sheer majority of cases, the FD's UoMs coincide with those of the Water Framework Directive's ( <a href="https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1580743471565&amp;uri=CELEX:32000L0060">https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1580743471565&amp;uri=CELEX:32000L0060</a> ) UoMs, i.e. with river basin districts.</p>
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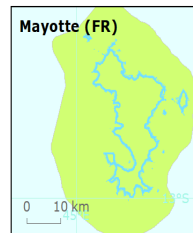
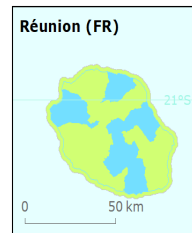
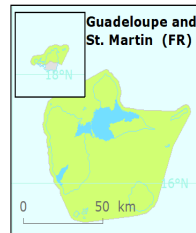
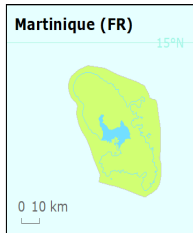
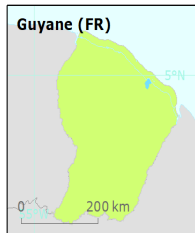
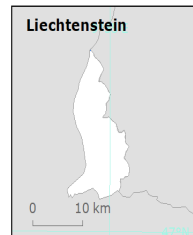
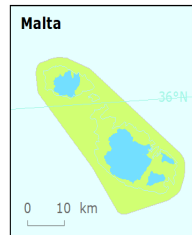
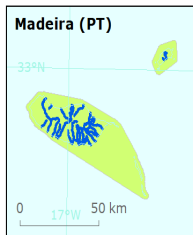
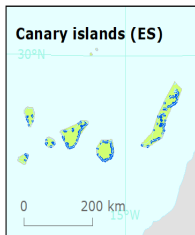
## Metadata

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Character set	UTF8								
Hierarchy level	Dataset								
Date stamp	2024-07-16T07:57:32.082907Z								
Metadata standard name	ISO 19115/19139								
Metadata standard version	1.0								
Metadata author	<table><thead><tr><th>Organisation name</th><th>Individual name</th><th>Electronic mail address</th><th>Website Role</th></tr></thead><tbody><tr><td>European Environment Agency</td><td></td><td>sdi@eea.europa.eu</td><td>Point of contact</td></tr></tbody></table>	Organisation name	Individual name	Electronic mail address	Website Role	European Environment Agency		sdi@eea.europa.eu	Point of contact
Organisation name	Individual name	Electronic mail address	Website Role						
European Environment Agency		sdi@eea.europa.eu	Point of contact						

## Overviews



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



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