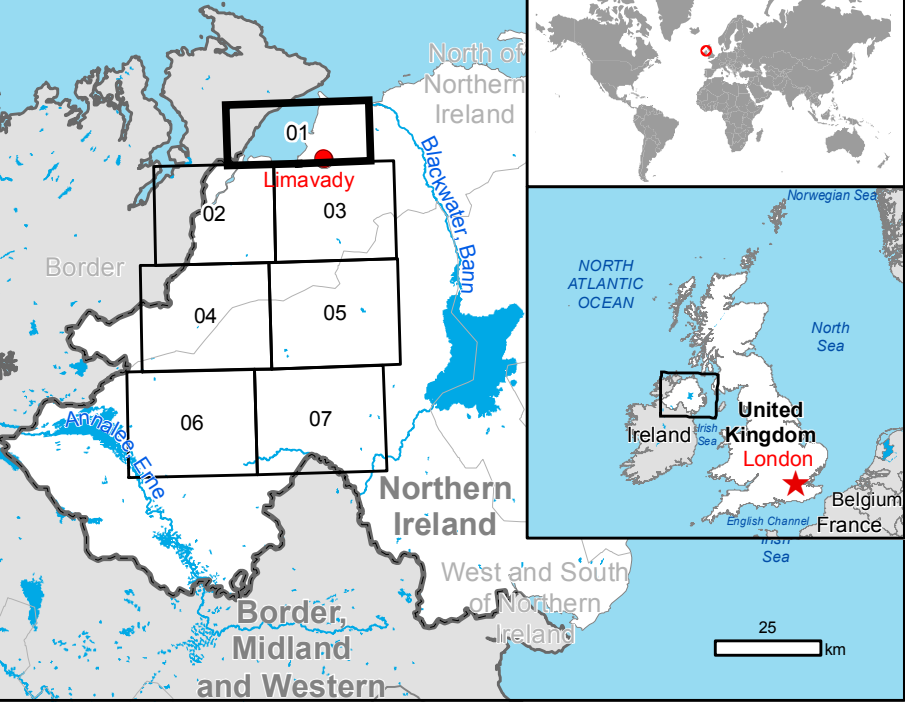


GLIDE number: N/A Activation ID: EMSR228  
Product N.: 01EASTDERRY, v1, English

## East Derry - UNITED KINGDOM

### Flood - Situation as of 23/08/2017

#### Delineation Map - Monit01



#### Cartographic Information

1:55000 Full color ISO A1, medium resolution (200 dpi)

0 1 2 4 km

Grid: WGS 1984 UTM Zone 29N map coordinate system  
Tick marks: WGS 84 geographical coordinate system

#### Legend

Crisis Information	Hydrology	Transportation
<span style="background-color: blue; color: white;">■</span> Flooded Area (23/08/2017 06:38 UTC)	<span style="color: blue;">—</span> Dam	<span style="color: blue;">✈</span> Aerodrome
<span style="border: 2px solid green;">□</span> Area of Interest	<span style="color: blue;">—</span> River	<span style="color: blue;">—</span> Bridge
<span style="color: blue;">—</span> General Information	<span style="color: blue;">—</span> Stream	<span style="color: blue;">—</span> Railway
<span style="color: blue;">—</span> Administrative boundaries	<span style="color: blue;">—</span> Canal	<span style="color: blue;">—</span> Runway
<span style="color: blue;">—</span> Settlements	<span style="color: blue;">—</span> Lake	<span style="color: blue;">—</span> Primary Road
<span style="color: blue;">—</span> Populated Place	<span style="color: blue;">—</span> River	<span style="color: blue;">—</span> Secondary Road
		<span style="color: blue;">—</span> Local Road

Consequences within the AOI			
	Unit of measurement	Affected	Total in AOI
Flooded area	ha	88.4	
Estimated population	No. of people	68	22302
Transportation	Primary roads	0.0	43.4
	Secondary roads	0.1	70.4
	Local roads	0.0	146.0
	Railways	0.0	42.7
	Bridges	0	1.0
	Aerodrome	0	1

#### Map Information

Northern Ireland: North West Flooding Event - 22/23 August 2017

The present map shows the flood delineation in the area of East Derry (United Kingdom). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy is 5 m CE90 or better, from native positional accuracy of the background satellite image.

Relevant date records			
Event	23/08/2017	Situation as of	23/08/2017
Activation	25/08/2017	Map production	30/08/2017

#### Data Sources

Pre-event image: Sentinel 2A/B (acquired on 20/06/2017 at 11:43 UTC, GSD 10 m 0% cloud coverage in AOI, 0° off-nadir angle) provided under COPERNICUS by the European Union and ESA

Post-event image: Sentinel-1A (2017) (acquired on 23/08/2017 at 06:38 UTC, GSD 10 m) provided under COPERNICUS by the European Union and ESA.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, GeoNames 2015, refined by the producer.  
Inset maps: JRC 2013, © EuroGeographics, Natural Earth 2012, CCM River DB © EURC2007, GeoNames 2013.

Population data: Landsat 2010 © UT BATTELLE, LLC  
Digital Elevation Model: SRTM 90m (NASA/USGS)

#### Disclaimer

Products elaborated in this Copernicus EMS Rapid Mapping activity are realized to the best of our ability, within a very short time frame, optimising the available data and information. All geographic information has limitations due to scale, resolution, date and interpretation of the original sources. The map and the information content are derived from satellite data without in situ validation. No liability concerning the contents or the use thereof is assumed by the producer and by the European Union.

Please be aware that the thematic accuracy might be lower in urban and forested areas due to inherent limitations of the SAR analysis technique

Map produced by ITHACA released by e-GEOS (ODO).

For the latest version of this map and related products visit  
<http://emergency.copernicus.eu/EMSR228>

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