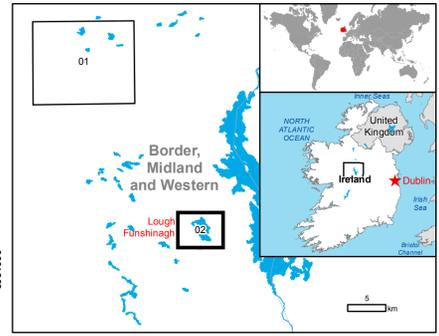


Lough Funshinagh - IRELAND

Flood - Situation as of 09/03/2016

Delineation Map



Cartographic Information

1:10000 Full color ISO A1, medium resolution (200 dpi)

0 125 250 500 m

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

Legend

Crisis Information	Hydrology
Flooded Area (09/03/2016 18:32 UTC)	Stream
Area of Interest	Lake
Settlements	
Populated Place	

Consequences within the AOI			
	Unit of measurement	Affected	Total in AOI
Flooded area	ha	148.7	
Estimated population	No. of inhabitants	32	676

Map Information
 Heavy rains on already saturated ground have affected a number of areas in the last month. The County of Roscommon has been flooded again so the situation remains critical after 4 months of disastrous weather conditions. The civil defence teams are continuing to assist residents and local communities to battle against flood waters because of rivers flooding.

The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy is 10 m CE90 or better, from native positional accuracy of the background satellite image.

Relevant date records			
Event	04/03/2016	Situation as of	09/03/2016
Activation	08/03/2016	Map production	10/03/2016

Data Sources

Pre-event image: ESRI World Imagery © Digitalglobe (acquired on 26/05/2012, GSD 0.3 m, 0 % cloud coverage).
 Post-event image: RADARSAT 2 © MacDonald, Dettwiler and Associates Ltd. (2015) (acquired on 09/03/2016 18:32 UTC, GSD 3 m), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, refined by the producer.
 Inset maps: JRC 2013, © EuroGeographics, Natural Earth 2012, CCM River DB © EURJC2007, GeoNames 2013.

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

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

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<http://emergency.copernicus.eu/mapping/list-of-components/EMSR156>

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