Glenamaddy - IRELAND

Flood - Situation as of 04/03/2020

Delineation MONIT01 - Overview map 01

Border, Midland and Western

West

Border
Midland and
Western

West

Ardoc Lough

Galway

Glenamaddy

Killtullagh
Lough

WorldView-2 (13/05/2019 11:35 UTC)
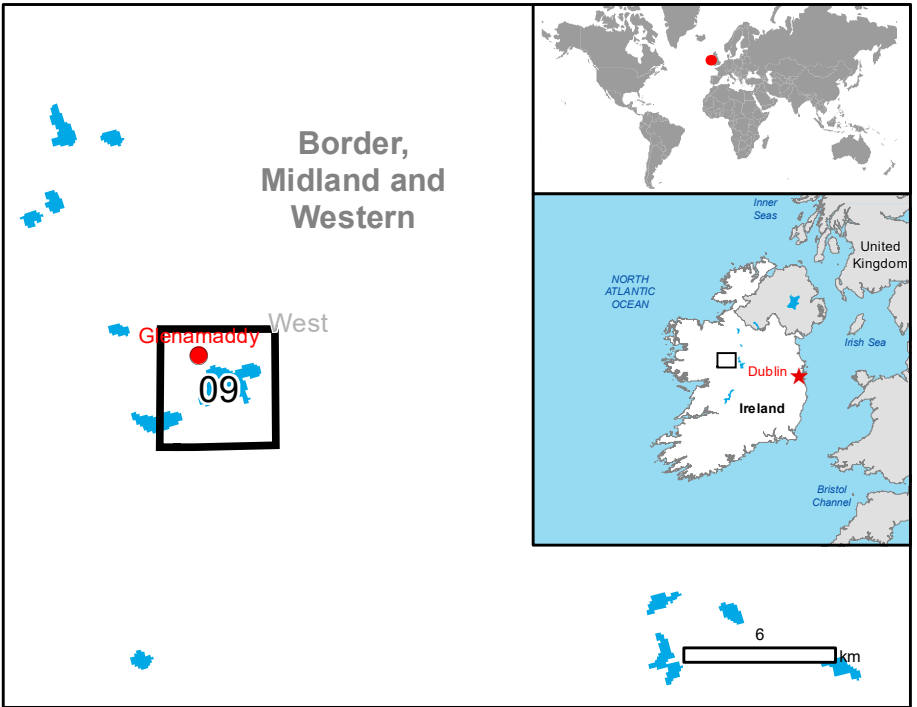
Cartographic Information

1:9000

Full color A1, 200 dpi resolution

0 0.125 0.25 0.5 km
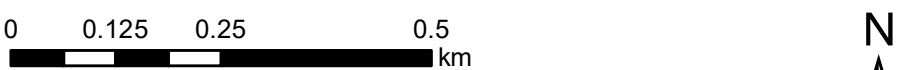
Grid: WGS 1984 UTM Zone 29N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

Crisis Information
- Flooded Area (04/03/2020 18:12 UTC)
- Previous Flooded Area (03/03/2020 12:10 UTC)

General Information
- Area of Interest
- Image Footprint

Administrative boundaries
- Municipality

Placenames
- Placename

Built-Up Area
- Residential

Land Use - Land Cover
- Features available in the vector package

Hydrography
- Stream
- Lake

Transportation
- Secondary Road
- Local Road
- Cart Track

Consequences within the AOI		Unit of measurement	Affected	Total in AOI
Flooded area		ha		190.5
Estimated population		Number of inhabitants	0	NA
Settlements	Residential Buildings	No.	0.3	9.9
Transportation	Secondary Road	km	0.0	0.9
	Local Road	km	0.3	2.5
	Cart Track	km	0.5	19.5
Land use	Pastures	ha	73.0	1153.1
	Heterogeneous agricultural areas	ha	13.0	72.8
	Inland wetlands	ha	104.3	870.7
	Other	ha	0.2	38.5

Map Information

The Clare county was one of the worst affected areas during the flooding periods in 2015 and 2009. Since 20 February Ireland has been experiencing a series of Atlantic storms. Water levels along the River Shannon and River Fergus have risen after another night of heavy rain on 24 February. National authorities have issued a flood warning for the counties along the River Shannon and Rivers Fergus and Claureen. A number of houses in Co Clare village have been evacuated.

The present map shows the flood delineation in the area of Glenamaddy (Ireland). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy is 2.5 m or better, from native positional accuracy of the background satellite image.

Relevant date records (UTC)

	Event	Situation as of	
Event	20/02/2020 17:00	Situation as of	04/03/2020 18:12
Activation	24/02/2020 18:56	Map production	04/03/2020

Data sources

Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 18/08/2015, GSD 0.5 m, approx. 0% cloud coverage in AoI) and WorldView-2 © Digitalglobe Digital Globe, Inc. (2019), (acquired on 13/05/2019 at 11:35 UTC, GSD 0.5 m, approx. 0 % cloud coverage in AoI, 24.5° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, all rights reserved.
Post-event image: COSMO-SkyMed © ASI (2020), distributed by e-GEOS S.p.A. (acquired on 04/03/2020 at 18:12 UTC, GSD 1.0 m) and WorldView-2 © Digitalglobe Digital Globe, Inc. (2020), (acquired on 03/03/2020 at 12:10 UTC, GSD 0.5 m, approx. 11 % cloud coverage in AoI, 26.5° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, all rights reserved.
Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2012, Globe Land 30 (2010), Global Administrative Areas (2012), refined by the producer.
Inset maps: JRC 2013, EuroBoundaryMap 2017 © EuroGeographics, Natural Earth 2012, CCM River DB © EU/JRC2007, GeoNames 2013.

Population data: GHS Population Grid © European Commission, 2019 https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php
Digital Elevation Model: SRTM (90 m) (NASA/USGS)

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