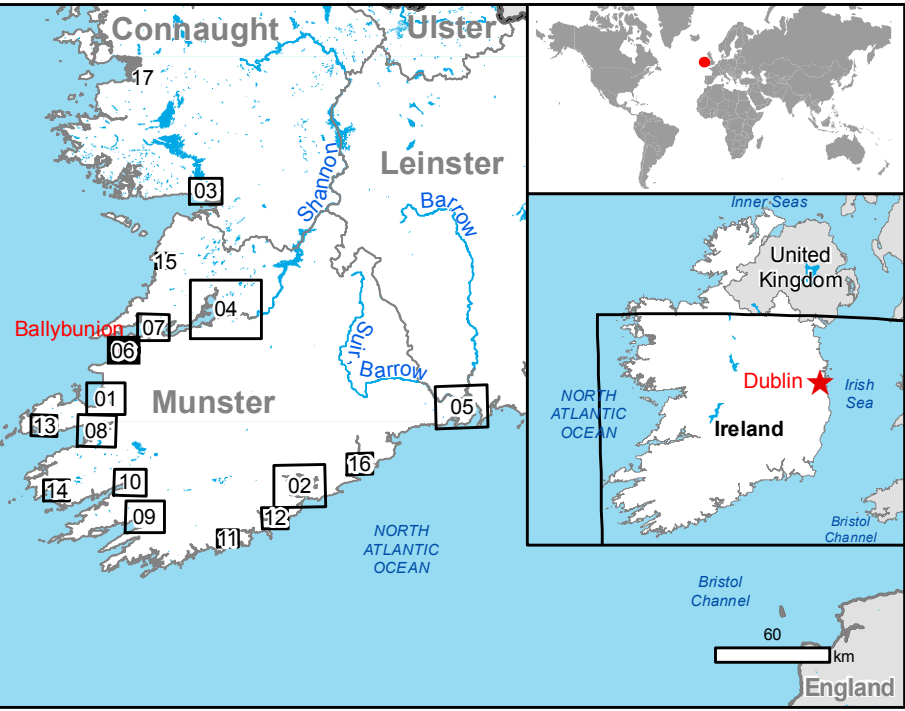




## Ballybunion - IRELAND

### Hurricane - Situation as of 17/10/2017

#### Delineation Map



#### Cartographic Information

1:21000      Full color ISO A1, medium resolution (200 dpi)

0      0.5      1      2 km

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

**Legend**

**General Information**

Area of Interest

Image Footprint

Not Analyzed

Not Analyzed - No data

**Placenames**

Placename

**Built-Up Area**

Residential Building

Industrial building

**Hydrography**

Coastline

River

Stream

River

River Bank

**Transportation**

Bridge and elevated highway

Secondary Road

Local Road

**NO AFFECTED AREAS OR DAMAGE DETECTED**

Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Flooded area	Estimated population	ha	0	4289
	Residential	No. of people	0	304.79
	Industrial buildings	ha	0	3.74
Transportation	Secondary Road	km	0	31.13
	Local Road	km	0	184.31
	Bridges	No.	0	19

#### Map Information

Hurricane Ophelia hit the western to south eastern coasts of Ireland on the 16/10/2017 from 06:00 onwards with extreme winds, storm surges, waves and flooding.

The present map shows the flood delineation in the area of Ballybunion (Ireland). 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	16/10/2017	Situation as of	17/10/2017
Activation	15/10/2017	Map production	18/10/2017

#### Data Sources

Pre-event image: ESRI World imagery © Digitalglobe (acquired on 11/03/2014, GSD 0.6 m, 0% cloud coverage in AoI).  
Post-event image: COSMO-SkyMed © ASI (2017), distributed by e-GEOS S.p.A. (acquired on 17/10/2017 at 18:42 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 © EURC2007, GeoNames 2013.

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

#### Disclaimer

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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 GAF AG released by SERTIT (ODO).

For the latest version of this map and related products visit  
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