

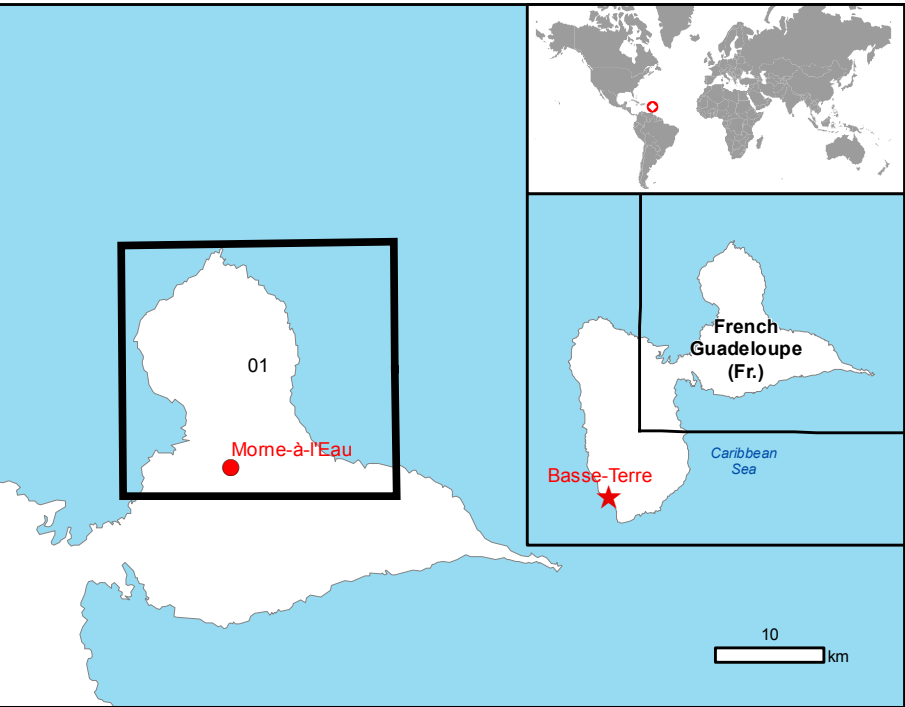


GLIDE number: N/A Activation ID: EMSR232
Product N.: 01GUADELOUPE, v1, English

Guadeloupe - ANTILLES ISLANDS, FRANCE

Wind storm - Situation as of 06/09/2017

Delineation Map - MONIT02



Cartographic Information

1:45000 Full color ISO A1, medium resolution (200 dpi)

0 0.75 1.5 3 km

Grid: WGS 1984 UTM Zone 20N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

Crisis Information	Hydrology	Industry / Utilities
Flooded Area (07/09/2017 09:45 UTC)	Coastline	Power Station
Flooded Area (06/09/2017 22:19 UTC)	Dam	Processing Facility
General Information	River	Transportation
Area of Interest	Stream	Bridge
Clouds	Lake	Harbour
Settlements	Reservoir	Primary Road
Populated Place	River	Secondary Road
		Local Road

Consequences within the AOI			
	Unit of measurement	Affected	Total in AOI
Flooded area	ha	32.76	
Estimated population	Number of people	0	68047
Settlements	Bridge	No.	0
	Primary roads	ha	0
	Secondary roads	ha	0
	Local roads	ha	0
Utilities	Processing	No.	0
	Power station	No.	0

Map Information

Hurricane Irma has been upgraded to a powerful category five storm as warnings have been issued for several Caribbean islands. The hurricane had sustained winds of up to 280 km/h. Irma is projected to hit the islands, causing storm surges, life-threatening winds and torrential rain.

The present map shows the flood delineation in the area of Guadeloupe (France). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy is 15 m CE90 or better, from native positional accuracy of the background satellite image.

Relevant date records			
Event	05/09/2017	Situation as of	07/09/2017
Activation	05/09/2017	Map production	07/09/2017

Data Sources

Pre-event image: ESRI World Imagery © Digitalglobe (acquired on 23/06/2014, GSD 5 m, 5% cloud coverage in AOI).
Post-event image: COSMO-SkyMed © ASI (2017), distributed by e-GEOS S.p.A. (acquired on 06/09/2017 at 10:12 UTC, GSD 30 m), provided under COPERNICUS by the European Union and ESA, all rights reserved.
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Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, refined by the producer.
Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2013.

Population data: Landsat 2010 © UT BATTELLE, LLC
Digital Elevation Model: SRTM 30 m (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 GAF AG released by e-GEOS (ODO).

For the latest version of this map and related products visit
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