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Activation ID: EMSR232

Product N.: 02SAINTBARTHELEMY, v1, English

Saint-Barthélemy - ANTILLES ISLANDS, FRANCE

Wind storm - Situation as of 08/09/2017

Grading Map

10 km

Cartographic Information

1:15000

Full color ISO A1, medium resolution (200 dpi)

00.250.51 km

N

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

Legend

Crisis Information

Building Block Grading

Highly Damaged [70-99%]

Moderately Damaged [40-69%]

Negligible to slight damage [1-39%]

General Information

Area of Interest

Sensor Footprint

Analysis limitations

Settlements

Populated Place

Hydrology

Coastline

Lake

Industry / Utilities

Quarry

Transportation

Aerodrome

Heliport

Runway

Primary Road

Secondary Road

Local Road

Aerodrome

Consequences within the AOI

	Unit of measurement	Destroyed	Highly damaged	Moderately damaged	Negligible to slight damage	Total affected	Total in AOI
Estimated population	No. of people	0	1456	4063	1480	6999	7001
Settlements	ha	0.0	116.9	326.2	118.8	561.9	561.9
Transportation	Runway	ha	0.0	0.0	0.0	0.0	7.2
	No.	0	0	0	0	0	1
	ha	0	0	0	0	0	1
	km	0.0	0.0	0.0	0.0	0.0	14
	km	0.0	0.0	0.0	0.0	0.0	16
	km	0.0	0.0	0.0	0.0	0.0	118.1
Utilities	Quarry	ha	0.0	0.0	0.0	0.0	1.3

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 280km/h. Irma is projected to hit the islands, causing storm surges, life-threatening winds and torrential rain.

The present map shows the hurricane damage grade assessment in the area of Saint Barthélemy (FRANCE). The thematic layer has been derived from post-event satellite image by means of photo-interpretation. The estimated geometric accuracy is 5 m or better, from native positional accuracy of the background satellite image.

Relevant date records			
Event	06/09/2017	Situation as of	08/09/2017
Activation	05/09/2017	Map production	09/09/2017

Data Sources

Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 19/01/2016, GSD 0.5 m, approx. 5% cloud coverage in AOI).
Post-event image: Pléiades-1B © CNES (2017), distributed by Airbus DS (acquired on 08/09/2017 at 14:54 UTC, GSD 0.5 m, approx. 28% cloud coverage in AOI, 13.85° off-nadir angle), all rights reserved provided under International Charter.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2017, refined by the producer.
Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2013.

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

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 SERTIT released by SERTIT (ODD).

For the latest version of this map and related products visit
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