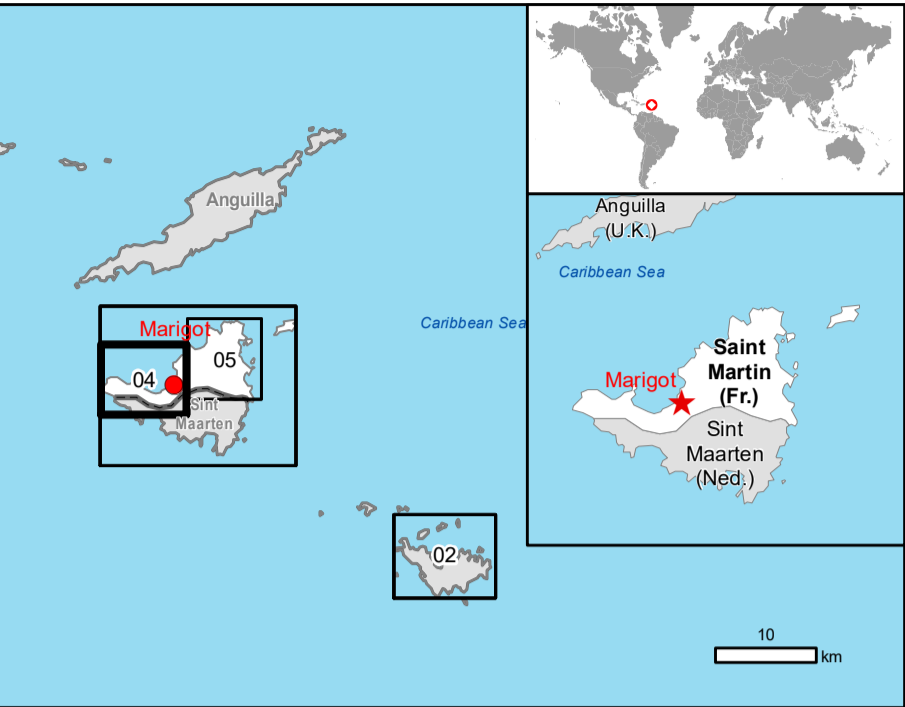


GLIDE number: N/A Activation ID: EMSR232  
Product N.: 04MARIGOT, v2, English

## Marigot - SAINT MARTIN (FR.)

### Wind storm - Situation as of 08/09/2017

#### Grading Map



#### Cartographic Information

1:13000 Full color ISO A1, medium resolution (200 dpi)



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

#### Legend

- Crisis Information**  
**Building Grading**
  - Destroyed
  - Highly Damaged
  - Moderately Damaged
  - Negligible to slight damage
- Hydrology**
  - Coastline
  - Stream
  - Lake
- Transportation**
  - Bridge
  - Harbour
  - Primary Road
  - Secondary Road
  - Local Road
- General Information**
  - Area of Interest
  - Clouds
- Administrative boundaries**
  - International Boundary
- Settlements**
  - Populated Place

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	3446	2520	3027	2328	11321	18485	
Settlements	Residential	No.	1347	985	1183	910	4425	7225	
	Cemetery	No.	0	0	1	0	1	1	
	Commercial	No.	2	3	4	0	9	9	
	Educational	No.	1	0	2	0	3	4	
	Recreational	No.	8	16	11	0	35	277	
	Industrial	No.	0	1	15	0	16	44	
	Medical	No.	0	3	0	0	3	5	
Transportation	Transportation	No.	1	0	0	0	1	4	
	Bridge	No.	0	0	0	0	0	1	
	Harbour	No.	0	0	0	0	0	1	
	Primary roads	km.	0	0	0	0	0	5.7	
	Secondary roads	km.	0	0	0	0	0	7.6	
		Local roads	km.	0	0	0	0	57.6	

**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 damage grade assessment in the area of Marigot (Saint Martin, FR.). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The estimated geometric accuracy is 5 m CE90 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	15/09/2017

**Data Sources**  
Pre-event image: Pleiades-1B© CNES (2017), distributed by Airbus DS (acquired on 12/02/2017 at 14:54 UTC, GSD 0.5 m, approx. 0% cloud coverage in AOI, 25.4° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.  
Post-event image: Pleiades-1B© CNES (2017), distributed by Airbus DS (acquired on 08/09/2017 at 14:54 UTC, GSD 0.5 m, approx. 50% cloud coverage in AOI, 16.2° off-nadir angle), all rights reserved provided under International Charter

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 © EUJRC2007, GeoNames 2013.

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

#### Disclaimer

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Map produced by e-GEOS released by e-GEOS (ODD).

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<http://emergency.copernicus.eu/EMSR232>

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