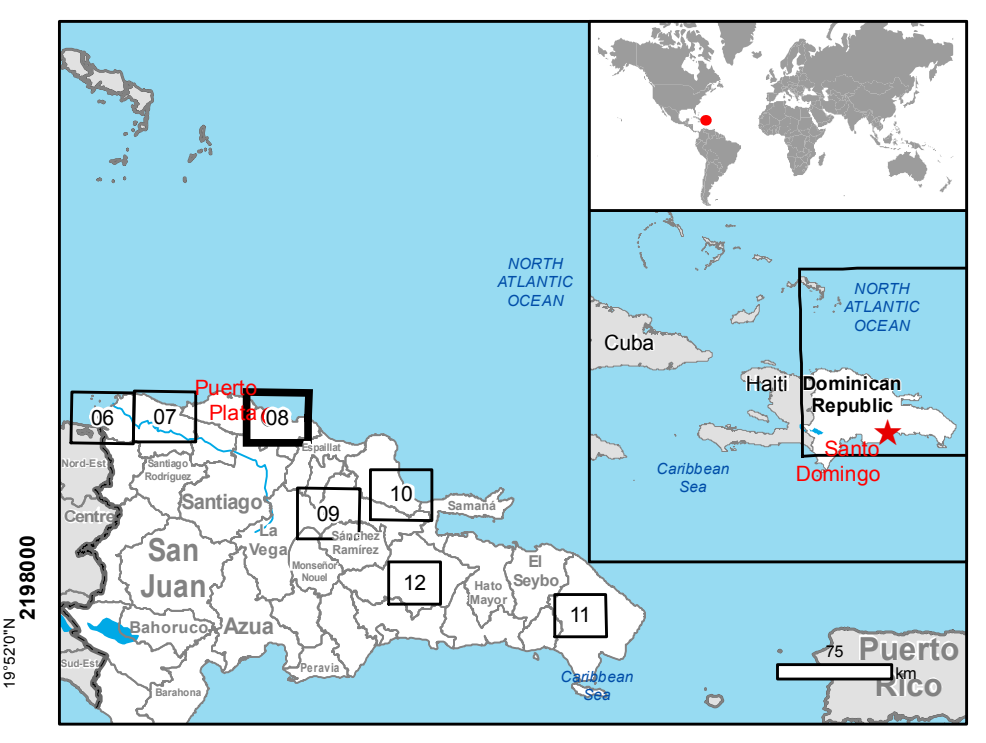


### Puerto Plata - DOMINICAN REPUBLIC

#### Wind storm - Pre-event situation

#### Reference Map



#### Cartographic Information

1:63000 Full color ISO A1, medium resolution (200 dpi)

0 1.25 2.5 5 km

Grid: WGS 1984 UTM Zone 19N map coordinate system  
 Tick marks: WGS 84 geographical coordinate system

#### Legend

<b>General Information</b>	<b>Hydrology</b>	<b>Transportation</b>
Area of Interest	Coastline	Aerodrome
Clouds	River	Bridge
<b>Settlements</b>		Harbour
Populated Place		Primary Road
Built-Up Area		Secondary Road
		Local Road

#### Exposure within the AOI

	Unit of measurement		Total in AOI	
		Number of people		
Estimated population			243949	
Settlements	Residential	ha	346.77	
	Transportation	Bridge	No.	25
		Primary roads	km	65.27
Secondary roads		km	14.76	
	Local roads	km	223.49	

#### Map Information

Hurricane Irma, a Category 5 storm, has made its first landfall on the islands of the north-east Caribbean on 6 September. It is significantly strengthening becoming the most powerful hurricane ever recorded in the Atlantic and following a path predicted to hit Puerto Rico, the Dominican Republic, Haiti and Cuba. Over the next five days, heavy rain, very strong winds and storm surge could affect all of these areas.

The present map shows basic topographic features derived from public datasets, refined by means of visual interpretation of pre-event imagery.

#### Relevant date records

Event	Date	Situation as of
Event	06/09/2017	
Activation	06/09/2017	Map production 06/09/2017

#### Data Sources

Pre-event image: Sentinel 2A (2016) (acquired on 26/09/2016 at 20:25 UTC, GSD 10 m, approx. 10% cloud coverage in AOI) provided under COPERNICUS by the European Union and ESA.

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: Landscan 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.

Map produced by GAF AG released by e-GEOS (ODO).

For the latest version of this map and related products visit <http://emergency.copernicus.eu/EMSR233>

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