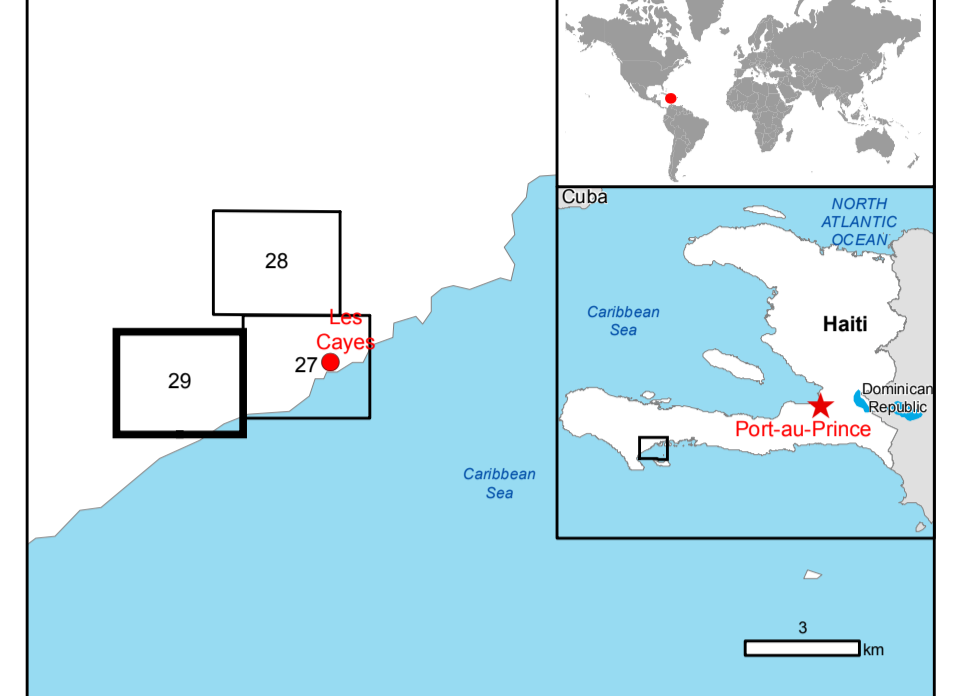


Les Cayes West - HAITI

Tropical Cyclone - Situation as of 07/10/2016

Grading Map



Cartographic Information

1:5000 Full color ISO A1, medium resolution (200 dpi)

0 0,1 0,2 0,4 Km

Grid: WGS 1984 UTM Zone 18N map coordinate system
 Tick marks: WGS 84 geographical coordinate system

- Legend**
- Building Grading**
 - Destroyed
 - Highly Damaged
 - Moderately Damaged
 - Transportation Grading**
 - Road, Negligible to slight damage
 - General Information**
 - Area of Interest
 - Point of Interest**
 - Educational
 - Medical
 - Religious
 - Hydrology**
 - Stream
 - Physiography**
 - Contour lines and elevation (m)

Consequences within the AOI on 07/10/2016

| | Unit of measurement | Destroyed | Highly damaged | Moderately damaged | Negligible to slight damage | Total affected | Total in AOI |
|----------------------|---------------------|-----------|----------------|--------------------|-----------------------------|----------------|--------------|
| Flooded Area | ha | | | | 0,2 | | |
| Mudflow | ha | | | | 36,7 | | |
| Estimated population | No. of inhabitants | N/A | N/A | N/A | 2,1 | | |
| Settlements | Residential | No. 57 | 217 | 162 | 0 | 436 | N/A |
| | Agriculture | No. 7 | 24 | 30 | 0 | 61 | N/A |
| | Industrial | No. 0 | 3 | 1 | 0 | 4 | N/A |
| | Religious | No. 0 | 0 | 0 | 0 | 0 | N/A |
| Transportation | Secondary roads | km 0,0 | 0,0 | 0,0 | 4,2 | 4,2 | N/A |
| | Local roads | km 0,0 | 0,0 | 0,0 | 0,3 | 0,3 | N/A |

Map Information

Category 4 Hurricane Matthew is threatening the Caribbean with maximum sustained wind speed of 220 km/h and heavy rainfall. It's slowly moving northward from the Caribbean Sea and is closing in delivering potentially catastrophic floods to Haiti.

Hurricane Matthew is expected to pass very close to the western tip of the Tiburon Peninsula, which includes most of Haiti's southern coast. This event could dump up to 1 meter of rain and will likely produce life-threatening flash floods and mudslides.

The present map shows the tropical cyclone damage grade assessment in the area of Les Cayes (Haiti). The thematic layer has been derived from post-event satellite image using a 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 | 03/10/2016 | Situation as of | 07/10/2016 |
|------------|------------|-----------------|------------|
| Activation | 03/10/2016 | Map production | 09/10/2016 |

Data Sources

Pre-event image: WorldView-2 © DigitalGlobe 28/11/2014 15:57. GSD 0.5 m, 0 % cloud coverage, 10,4° off-nadir angle) provided under COPERNICUS by European Union, ESA, and European Space Imaging, all rights reserved.

Post-event image: Pleiades-1A, © CNES (2016), distributed by Airbus DS (acquired on 07/10/2016 15:30 UTC, GSD 0.5 m, approx. 10% cloud coverage, 21° off-nadir angle), provided under International Charter, all rights reserved.

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 90m (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 of the use thereof is assumed by the producer and by the European Union.

Map produced by ITHACA released by e-GEOS (ODO).

For the latest version of this map and related products visit <http://emergency.copernicus.eu/mapping/list-of-components/EMSR185>

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