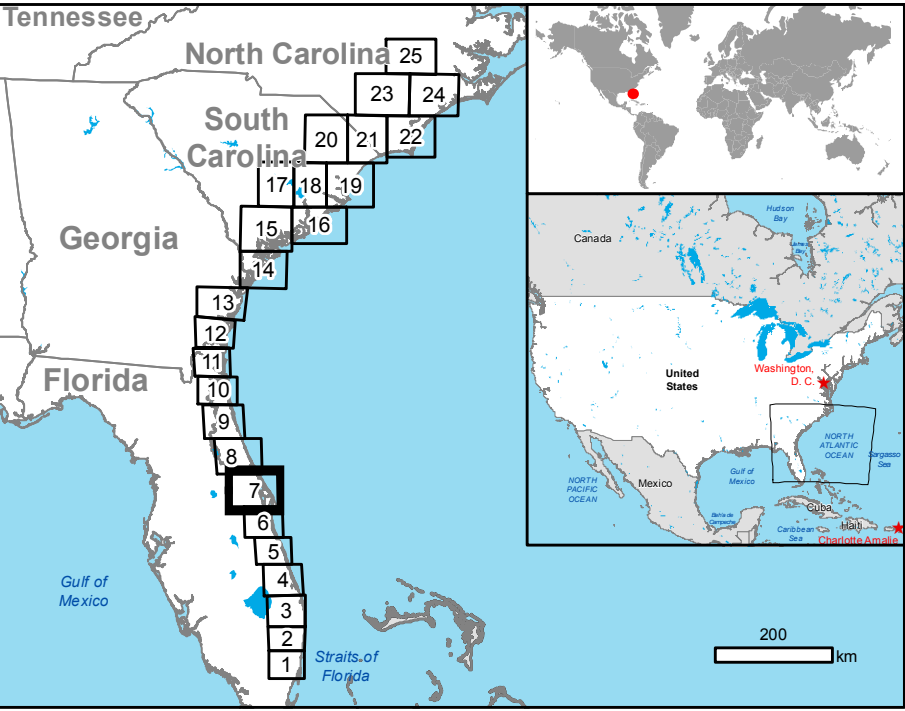GLIDE number: N/A

Activation ID: EMSR186
Product N.: 07TITUSVILLE, v1, English

Titus Ville - UNITED STATES
Tropical Cyclone - Situation as of 07/10/2016
Delineation Map

Cartographic Information

1:130000   Full color ISO A1, medium resolution (200 dpi)

0   2.5   5   10 km

Grid: WGS 1984 UTM Zone 17N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

Crisis Information
- Flooded Area (07/10/2016 23:44 UTC)

General Information
- Area of Interest

Settlements
- ○ Populated Place
- Built-Up Area

Hydrology
- Coastline
- River
- Stream
- Lake
- Reservoir
- River

Transportation
- Aerodrome
- Bridge
- Harbour
- Helipad
- Heliport
- Bridge
- Railway
- Runway
- Motorway
- Primary Road
- Secondary Road
- Local Road
- Runway
- Aerodrome

Map Information

Hurricane Matthew is an ongoing very powerful tropical cyclone over the Caribbean and Atlantic Ocean. Since forming on 28 September 2016, it has severely impacted Haiti, and to a lesser extent Jamaica, Cuba, the Dominican Republic, the Bahamas and the Lesser Antilles. It is expected to significantly impact the southeastern United States, especially the U.S. state of Florida, as well as Georgia, South Carolina, and North Carolina. Heavy rains, strong winds and storm surge may affect the areas along its path. The effects of the storm will be unlike any hurricane in decades, the U.S. weather service reports

The present map shows the storm delineation in the area of Daytona Beach. The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy is 5 m CE90 or better, from native positional accuracy of the background satellite image.

Relevant date records

Event	06/10/2016	Situation as of	07/10/2016
Activation	06/10/2016	Map production	09/10/2016

Data Sources

Pre-event image: ESRI World Imagery © CNES/Airbus DS (acquired on 12/11/2012, GSD 1.0 m, cloud coverage 0%).

Post-event image: RADARSAT 2 Data and products © MacDonald, Dettwiler and Associates Ltd. (2016) (acquired on 07/10/2016 23:44, GSD 25 m) - RADARSAT is an official mark of the Canadian Space Agency - provided by the 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: Landscan 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 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
http://emergency.copernicus.eu/mapping/list-of-components/EMSR186

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