

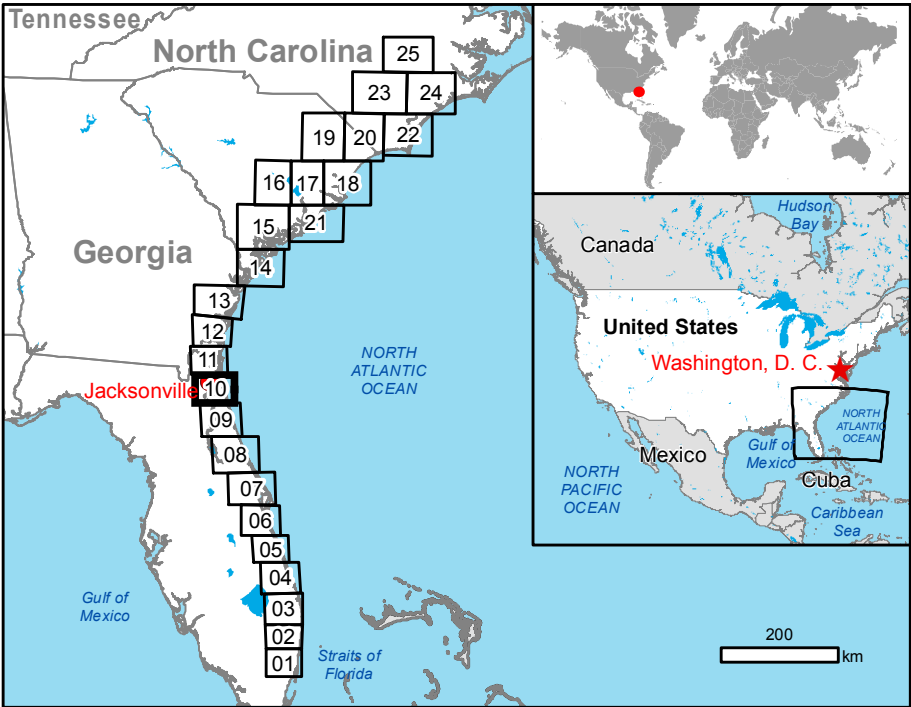


GLIDE number: N/A Activation ID: EMSR186
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Jacksonville - UNITED STATES

Tropical Cyclone - Situation as of 09/10/2016

Delineation Map - Monit01



Cartographic Information

1:100000 Full color ISO A1, medium resolution (200 dpi)



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

Legend	
General Information	Hydrology
Area of Interest	Coastline
Populated Place	River
Built-Up Area	Stream
Medical	Lake
Transportation	Reservoir
	River
	Land Subject to Inundation
	Dam
	Harbour
	Railway
	Motorway
	Primary Road
	Secondary Road
	Local Road
	Aerodrome

Consequences within the AOI		Unit of measurement	Affected	Total in AOI
Flooded area		ha	0	0.0
Estimated population		No. of Inhabitants	0	1055486
Settlements	Built-Up Area	ha	0.0	122455.8
	Motorways	km	0.0	528.8
	Primary roads	km	0.0	837.9
	Secondary roads	km	0.0	614.1
	Local roads	km	0.0	1148.5
	Railways	km	0.0	387.8
	Bridges	No.	0	12
	Aerodrome	No.	0	6
	Harbour	No.	0	15
	Stations	No.	0	1

NO AFFECTED AREAS OR DAMAGE DETECTED

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 wind storm delineation in the area of Jacksonville. 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
Activation	06/10/2016	Map production
		10/10/2016

Data Sources

Pre-event image: ESRI World Imagery © Digitalglobe (acquired on 14/11/2015, GSD 5 m).
Post-event image: Sentinel-1A (acquired on 09/10/2016 23:29 UTC, GSD 10 m) provided by the European Space Agency.
RADARSAT 2 Data and products © MacDonald, Dettwiler and Associates Ltd. (2016) (acquired on 07/10/2016 23:44 UTC, GSD 25 m). RADARSAT is an official mark of Canadian Space Agency - provided under International Charter, all right 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

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 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/EMSR186>

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