

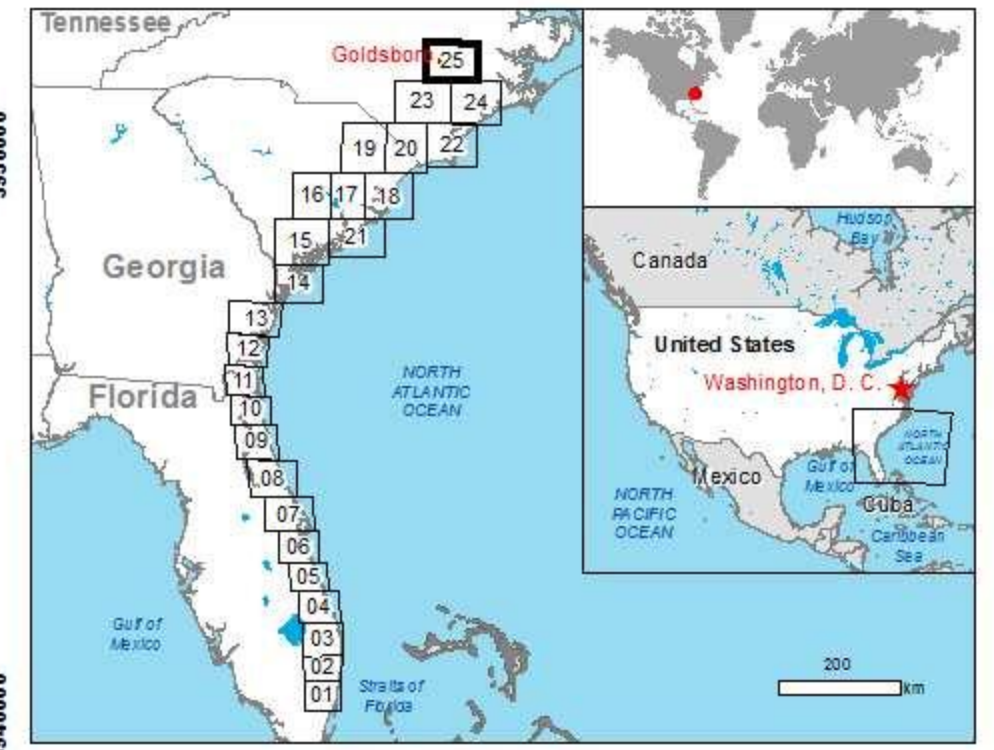


GLIDE number: N/A Activation ID: EMSR186
Product N.: 25GOLDSBORO, v1, English

Goldsboro - UNITED STATES

Tropical Cyclone - Situation as of 12/10/2016

Delineation Map - Monit01



Cartographic Information

1:140000 Full color ISO A1, low resolution (100 dpi)

0 2.5 5 10 km

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

Legend	Hydrology	Transportation
Crisis Information	Coastline	Aerodrome
Flooded Area (12/10/2016 11:15 UTC)	Dam	Bridge
Flooded Area (11/10/2016 23:14 UTC)	River	Railway
General Information	Stream	Motorway
Area of Interest	Lake	Primary Road
Settlements	Reservoir	Secondary Road
Populated Place	River	Local Road
Built-Up Area		Aerodrome
Point of Interest		
Institutional		
Medical		

Consequences within the AOI			
	Unit of measurement	Affected	Total in AOI
Flooded area	ha	8832.5	
Estimated population	No. of inhabitants	3180	289162
Settlements	Built Up Area	ha	26715.7
Transportation	Motorways	km	0.25
	Primary roads	km	5.6
	Secondary roads	km	26.1
	Local roads	km	32.0
	Railways	km	6.7
	Aerodrome	ha	146.6
	Bridges	No.	0
	Aerodrome	No.	2

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 Goldsboro. 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	12/10/2016
Activation	06/10/2016	Map production	13/10/2016

Data Sources

Pre-event image: ESRI World Imagery © Digitalglobe (acquired on 21/05/2014, GSD 5 m).
Post-event image: Sentinel-1A (acquired on 12/10/2016 11:15 UTC, GSD 20 m) provided by the European Space Agency.
Sentinel-1A (acquired on 11/10/2016 23:14 UTC, GSD 20 m) provided by the European Space Agency.
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

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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 (ODD).

For the latest version of this map and related products visit
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ems-rapid-mapping@jrc.ec.europa.eu
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