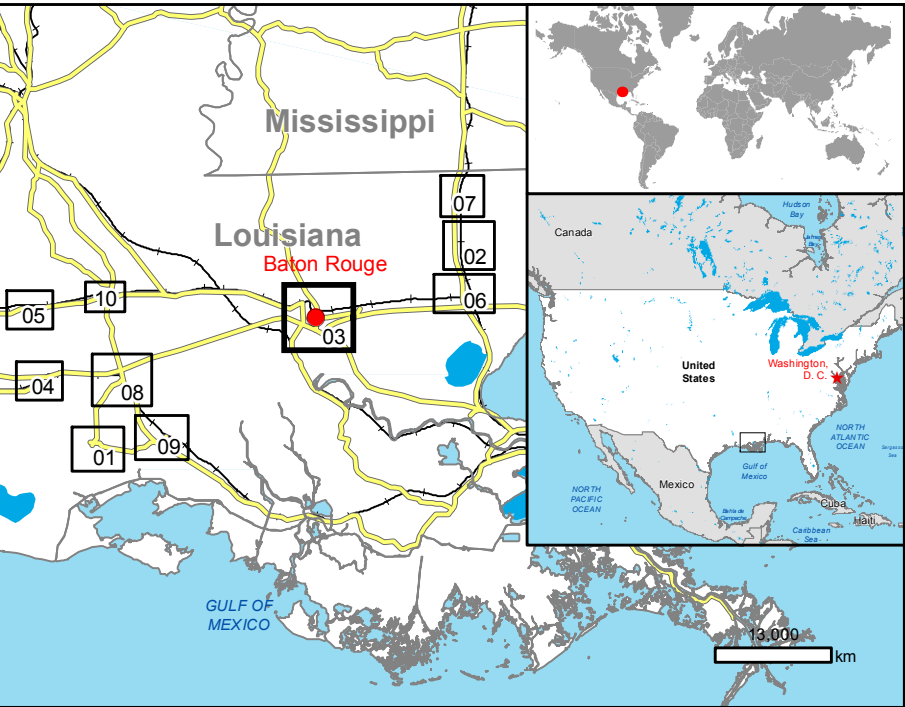


Baton Rouge - UNITED STATES
Flood - Situation as of 19/08/2016
Delineation Map - Monit02



Cartographic Information

1:50000 Full color ISO A1, medium resolution (v2, 200 dpi)



Grid: WGS 1984 UTM Zone 15N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

Crisis Information	Transportation	Hydrology	Industry / Utilities
Flooded Area (19/08/2016 00:01 UTC) (19/08/2016 00:02 UTC)	Motorway	River	Storage Tank
Area of Interest	Primary Road	Stream	Quarry
Sensor Footprint	Secondary Road	Lake	Power Substation
Missing data	Local Road	Reservoir	Processing Facility
Settlements	Railway	River	Storage Depot
Populated Place	Runway		
	Aerodrome		

Consequences within the AOI		Unit of measurement	Affected	Total in
Flooded area		ha	29.4	
Estimated population	No. of inhabitants	0	229500	
Transportation	Bridge	No.	0	138
	Motorways	km	0	62.4
	Primary roads	km	0	258.2
	Secondary	km	0	102.9
	Local roads	km	0	554.5
	Railway	km	0	223.5
	Aerodrome	ha	0	296.0
	Runway	ha	0	27.5
Utilities	Storage depot	ha	0	665.5
	Storage tank	ha	0	1267.5
	Processing	ha	0	192.0
	Power	ha	0	3.0
	Quarry	ha	4.4	406.4

Map Information

On 12 August 2016, heavy rainfall started in Louisiana, causing historic high levels in the rivers of the region, consequently thousands of people have been evacuated at least three fatalities were reported. The areas surrounding the cities of Baton Rouge and Lafayette are the most affected. On 13 August a state of emergency in Louisiana has been declared.

The present map shows the flood delineation in the area of Baton Rouge. The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy is 60 m CE90 or better, from native positional accuracy of the background satellite image.

Relevant date records			
Event	12/08/2016	Situation as of	19/08/2016
Activation	14/08/2016	Map production	22/08/2016

Data Sources

Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 27/08/2015, GSD 0.6 m, cloud coverage 0%).

Post-event images: Sentinel-1A (acquired on 19/08/2016 00:01 UTC and 00:02 UTC, GSD 10 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 90 m (NASA/USGS)

Disclaimer

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Map produced by GAF AG released by SERTIT (ODO).

For the latest version of this map and related products visit
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