

## Mango - TOGO

### Flood - Situation as of 17/10/2020

#### Grading - Overview map 01

#### Cartographic Information

1:7500

Full color A1, 200 dpi resolution

0 0.15 0.3 0.6 km

Grid: WGS 1984 UTM Zone 31N map coordinate system  
Tick marks: WGS 84 geographical coordinate system

N

#### Crisis Information

Flooded Area  
(17/10/2020 10:21 UTC)

Flood trace

#### Built Up Grading

Damaged

Possibly damaged

#### Transportation Grading

Road, Damaged

Road, Possibly damaged

Local Road, No visible damage

Cart Track, No visible damage

#### General Information

Area of Interest

#### Placenames

Placename

#### Hydrography

Stream

Lake

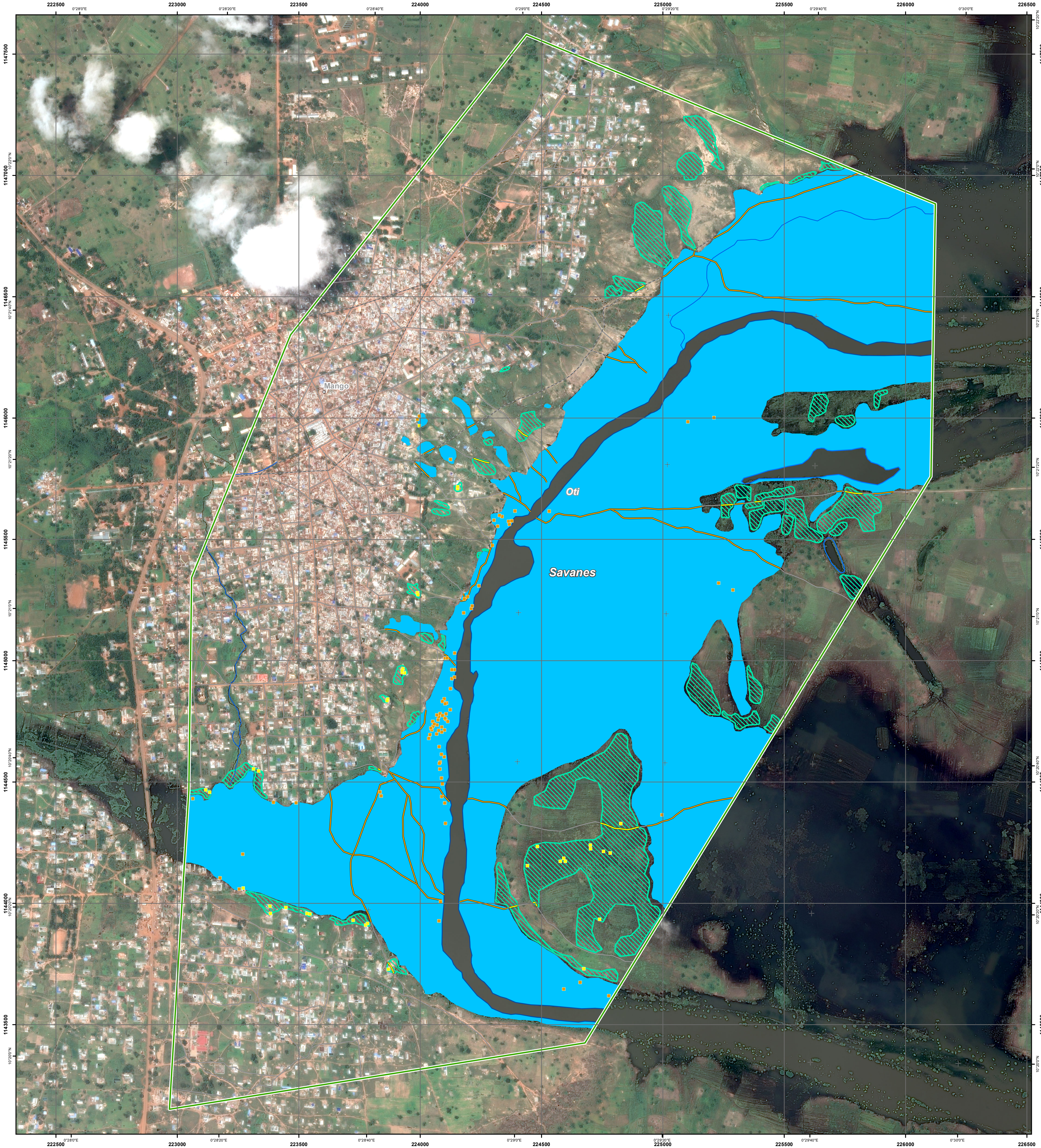
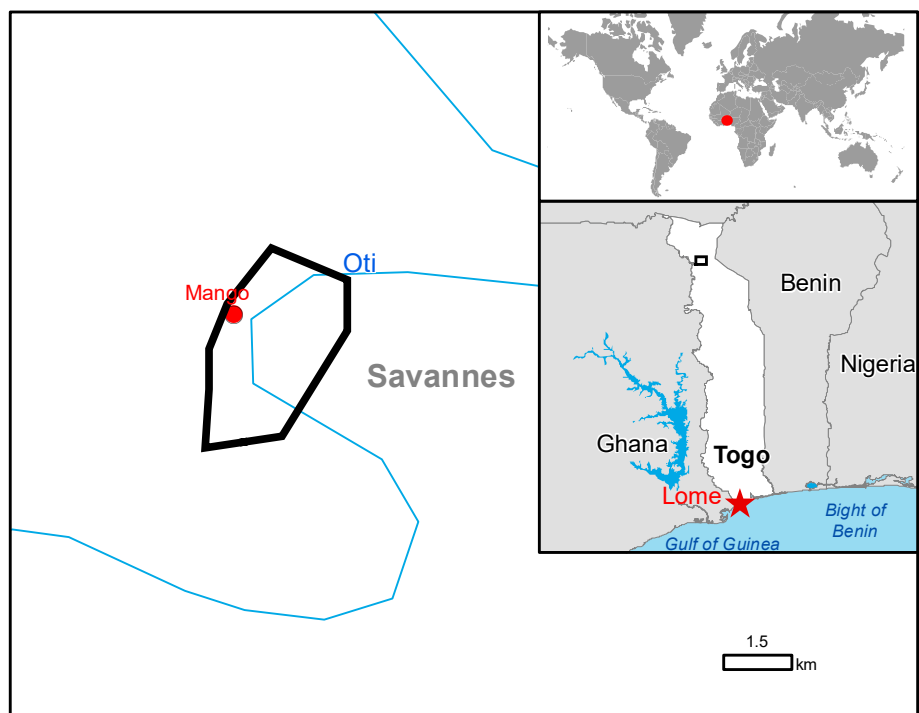
River

#### Physiography & Land Use - Land Cover

Features available in the vector package

#### Legend

Consequences within the AOI		Unit of measurement	Destroyed	Damaged	Possibly damaged	Total affected	Total in AOI
Flooded area		ha				363.3	
Flood trace		ha				47.8	
Estimated population		Number of inhabitants				91243	
Settlements	Residential Buildings	No	0	83	37	120	120
Transportation	Local Road	km	0.0	7.4	0.5	8.0	50.4
	Cart Track	km	0.0	1.1	0.1	1.1	4.6
	Heterogeneous agricultural areas	ha	0.0	0.0	0.0	0.0	208.6
	Forests	ha	0.0	0.0	0.0	0.0	26.7
	Shrub and/or herbaceous vegetation association	ha	0.0	0.0	0.0	0.0	477.4
	Other	ha	0.0	0.0	0.0	0.0	227.9



#### Map Information

Since the 05/10/2020, Togo is badly affected by the flooding of the Oti river and its tributaries. Many victims and damages have been reported especially in rural and peri-urban areas. The flood extent situation is needed to assess impacts on settlements, agricultural systems and damages on infrastructure.

The present map shows the damage grade assessment in the area of Mango (Togo). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The estimated geometric accuracy (RMSE) is 2.5 m or better, from native positional accuracy of the background satellite image.

#### Data sources

Pre-event image: WorldView-2 © Digital Globe, Inc. (2020), (acquired on 16/02/2020 at 10:32 UTC, GSD 2.0 m, approx. 0% cloud coverage in AOI, 7.8° off-nadir angle), provided by International Charter (call ID 781), all rights reserved.  
Post-event image: Pleiades-1A/B © CNES (2020), distributed by Airbus DS (acquired on 17/10/2020 at 10:21 UTC, GSD 0.5 m, approx. 0% cloud coverage in AOI, 31.7° off-nadir angle), provided by International Charter (call ID 781), all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, Globe Land 30 (2010), Global Administrative Areas (2012), refined by the producer.  
Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2013.

Population data: GHS Population Grid © European Commission, 2019  
https://ghsl.jrc.ec.europa.eu/ghs\_pop2019.php  
Digital Elevation Model: SRTM (90 m)

#### Disclaimer

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Delivery formats are Layered Geospatial PDF, GeoJPEG and vector (ESRI shapefiles, Google Earth KML, GeoJSON).

Map produced by e-GEOS released by e-GEOS (ODD).

For the latest version of this map and related products visit  
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#### Relevant date records (UTC)

Event	05/10/2020 18:00	Situation as of	17/10/2020 10:21
Activation	13/10/2020 19:17	Map production	18/10/2020