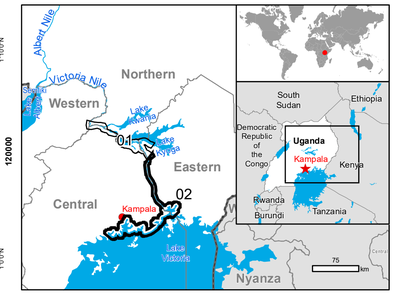
GLIDE number: FL-2020-000132-UGA
Int. Charter call ID: N/A

Activation ID: EMSR438
Product N.: 02KAMPALA, v1

Kampala - UGANDA

Flood - Situation as of 14/05/2020

Delineation - Overview map 01



Cartographic Information

1:270000

Full color A1, 200 dpi resolution

0 5 10 20 km

N

Grid: WGS 1984 UTM Zone 36N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

Crisis Information
- Flooded Area (14/05/2020 07:56 UTC)

General Information
- Area of Interest
- Not Analysed

Administrative boundaries
- Region
- Province
- Municipality

Placenames
- Placename

Built-Up Area
- Built-Up Area

Hydrography
- River
- Stream
- Lake
- River

Facilities
- Dam
- Construction for mining or extraction

Transportation
- Highway
- Primary Road
- Long-distance railway
- Airfield runway
- Helipad

Land Use - Land Cover
Features available in the vector package

Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Flooded area		ha		2771.7
Estimated population		Number of inhabitants		1844344
Settlements	Residential Buildings	ha	3.8	NA
Transportation	Helipad	ha	0.0	NA
	Airfield runways	km	0.0	NA
	Highways	km	0.0	NA
	Primary Road	km	0.0	NA
	Secondary Road	km	0.4	NA
	Local Road	km	0.3	NA
	Cart Track	km	5.1	NA
	No Driveway	km	2.0	NA
	Long-distance railways	km	0.1	NA
Facilities	Constructions for mining or extraction	ha	0.0	NA
	Dams	km	0.1	NA
Land use	Heterogeneous agricultural areas	ha	433.4	NA
	Forests	ha	2112.3	NA
	Inland wetlands	ha	64.9	NA
	Other	ha	161.1	NA

Map Information

Torrential rains have triggered devastating floods and landslides across East Africa in recent weeks, aggravating an already challenging situation as countries in the region battle the coronavirus pandemic. The destruction caused by the heavy rainfall has killed hundreds of people in Kenya, Uganda, Somalia, Rwanda, and Ethiopia and has also forced hundreds of thousands from their homes.

The present map shows the flood delineation in the area of Kampala (Uganda). The thematic layer has been derived from post-event satellite image by means of visual interpretation
The estimated geometric accuracy (RMSE) is 15 m or better, from native positional accuracy of the background satellite image.

Relevant date records (UTC)

Event	09/05/2020 03:00	Situation as of	14/05/2020 07:56
Activation	15/05/2020 12:42	Map production	16/05/2020

Data sources

Pre-event image: Sentinel-2A (2019) (acquired on 31/12/2019 at 08:03 UTC, GSD 10 m, approx. 0% cloud coverage in AoI) provided under COPERNICUS by the European Union and ESA.
Post-event image:Sentinel-2A (2020) (acquired on 14/05/2020 at 07:56 UTC, GSD 10 m, approx. 40% cloud coverage in AoI) provided under COPERNICUS by the European Union and ESA.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2012, 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

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. 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.

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

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

For the latest version of this map and related products visit
https://emergency.copernicus.eu/EMSR438

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