

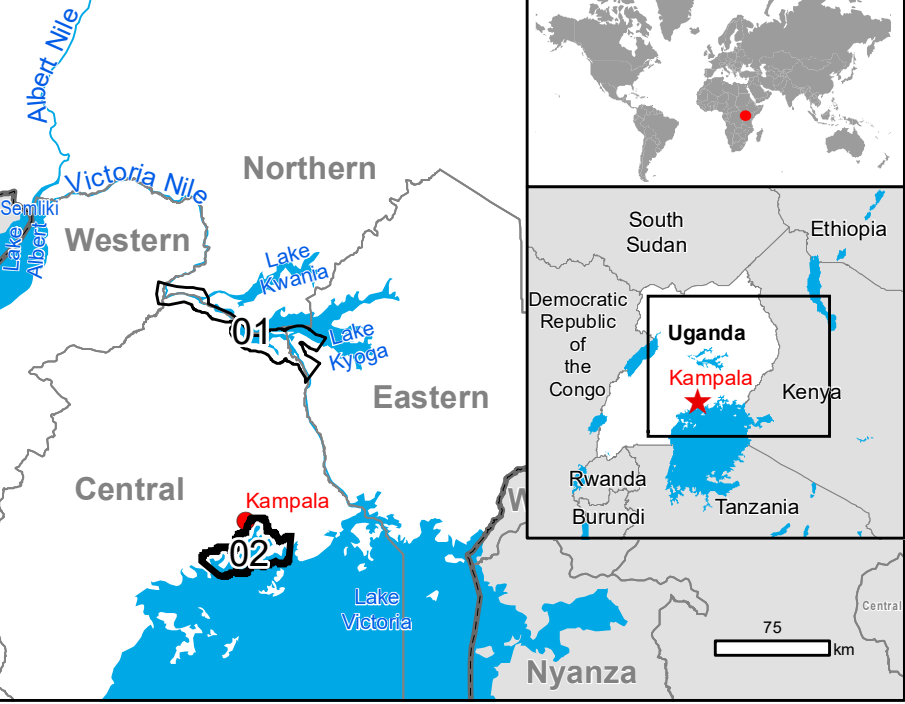
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Product N.: 02KAMPALA, v1

Kampala - UGANDA

Flood - Situation as of 08/05/2020

Monit03 - Overview map 01



Cartographic Information

1:90000 Full color A1, 200 dpi resolution

0 1.75 3.5 7 km

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

Legend

General Information	Built-Up Area	Transportation
Crisis Information	Hydrography	Land Use - Land Cover
Flooded Area (08/05/2020 16:05 UTC)	Built-Up Area (08/05/2020 16:05 UTC)	Highway
Previous Flooded Area (29/04/2020 07:56 UTC)	Stream	Primary Road
Area of Interest	Lake	Long-distance railway
Not Analysed - No data	River	Airfield runway
Administrative boundaries	Facilities	Helipad
Region	Construction for mining or extraction	Land Use - Land Cover
Province		Features available in the vector package
Municipality		
Placenames		
Placename		

Consequences within the AOI	Unit of measurement	Affected	Total in AOI
Flooded area	ha	550.8	
Estimated population	Number of inhabitants	1052736	
Settlements	ha	5.9	21036.7
Transportation	ha	0.0	0.1
Helipad	km	0.0	18.2
Airfield runways	km	0.0	17.8
Highways	km	0.0	66.2
Primary Road	km	0.0	11.6
Long-distance railways	km	0.0	141.3
Construction for mining or extraction	ha	14.1	12070.4
Land use	ha	506.0	44744.1
Heterogeneous agricultural areas	ha	0.0	200.4
Forests	ha	30.7	62713.6
Wetlands	ha		
Other	ha		

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	08/05/2020 16:05
Activation	15/05/2020 12:42	Map production	21/05/2020

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-1A (2020) (acquired on 08/05/2020 at 16:05 UTC, GSD 10 m) provided under COPERNICUS by the European Union and ESA.

Sentinel-2A (2020) (acquired on 29/04/2020 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 (60 m)

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.

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

Map produced by Telespazio Iberica 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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