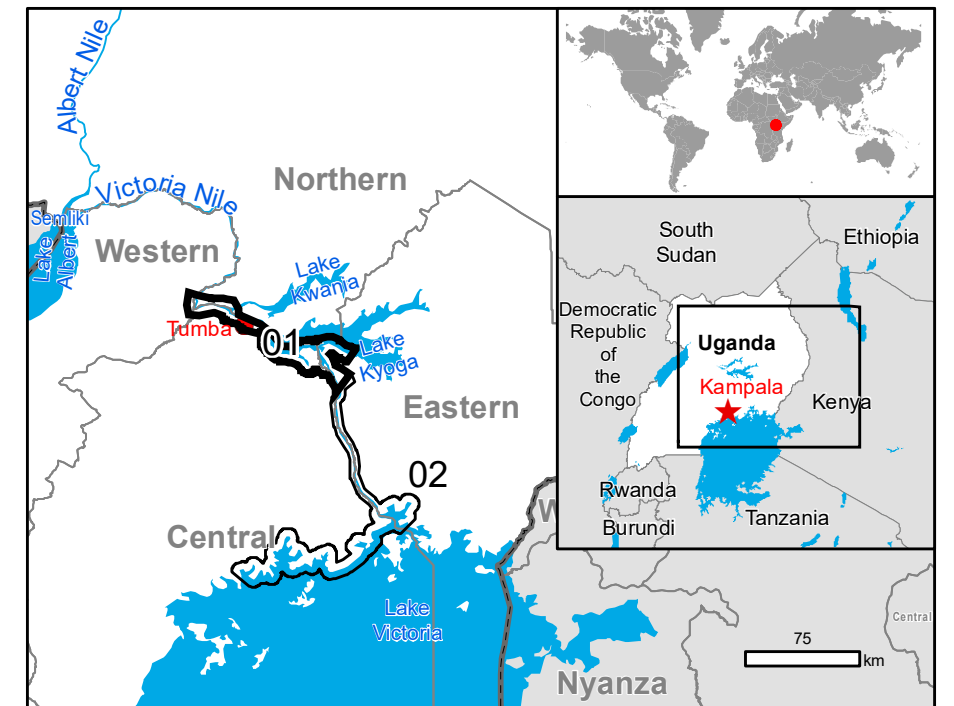


GLIDE number: FL-2020-000132-UGA Activation ID: EMSR438
Int. Charter call ID: N/A Product N.: 01LAKEYOGA, v1

Lake Kyoga - UGANDA

Flood - Situation as of 20/05/2020

Delineation MONIT01 - Overview map 01



Cartographic Information

1:170000 Full color A1, 200 dpi resolution



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

Legend

Crisis Information	Hydrography
■ Flooded Area (20/05/2020 16:05 UTC)	— River
■ Previous Flooded Area (15/05/2020 03:36 UTC)	— Stream
General Information	Hydrography
— Area of Interest	■ Lake
Administrative boundaries	— River
— Region	Transportation
--- Province	— Secondary Road
--- Municipality	— Local Road
Placenames	— Cart Track
○ Placename	Land Use - Land Cover
■ Built-Up Area	Features available in the vector package

Consequences within the AOI			
	Unit of measurement	Affected	Total in AOI
Flooded area	ha	458	
Estimated population	Number of inhabitants	165725	
Settlements	Residential Buildings	ha	35.0 NA
Transportation	Secondary Road	km	0.8 NA
	Local Road	km	0.4 NA
	Cart Track	km	1.7 NA
Land use	Heterogeneous agricultural areas	ha	114.9 NA
	Forests	ha	739.4 NA
	Shrub and/or herbaceous vegetation association	ha	2415.5 NA
	Inland wetlands	ha	254.3 NA
	Other	ha	966.2 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 Lake Kyoga (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 00:00	Situation as of	20/05/2020 16:05
Activation	15/05/2020 12:42	Map production	21/05/2020

Data sources

Pre-event image: Sentinel-2A (2020) (acquired on 20/01/2020 at 08:02 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 20/05/2020 at 16:05 UTC, GSD 10 m) provided under Copernicus by the European Union and ESA.
Sentinel-1A (2020) (acquired on 15/05/2020 at 03:36 UTC, GSD 10 m) 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 KMZ, GeoJSON).

Map produced by SERTIT 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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