



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

Activation ID: EMSR438
Product N.: 06UKERWE, v1

Ukerewe - TANZANIA

Flood - Situation as of 06/05/2020

Delineation - Overview map 01

Cartographic Information

1:32000 Full color A1, 200 dpi resolution

0 0.5 1 2 km

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

Legend

Crisis Information

- Flooded Area (06/05/2020 07:46 UTC)
- Flood Trace (06/05/2020 07:46 UTC)

General Information

- Area of Interest
- Not Analysed

Administrative boundaries

- Municipality

Built-Up Area

- Built-Up Area

Hydrography

- River
- Stream
- Lake

Transportation

- Secondary Road
- Local Road
- Cart Track

Land Use - Land Cover

Features available in the vector package

Consequences within the AOI		Unit of measurement	Affected	Total in AOI
Flooded area		ha	143	
Flood trace		ha	204.8	
Estimated population		Number of inhabitants	23125	
Settlements	Residential Buildings	ha	9.2	697.2
Transportation	Secondary Road	km	1.5	24.3
	Local Road	km	1.5	43.2
	Cart Track	km	1.4	58.8
Land use	Heterogeneous agricultural areas	ha	300.6	4198.6
	Forests	ha	0.0	0.1
	Shrub and/or herbaceous vegetation association	ha	47.3	253.3
	Other	ha	0.0	4290.2

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 Ukerewe (Tanzania). 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.

Relevant date records (UTC)

Event	09/05/2020 03:00	Situation as of	06/05/2020 07:46
Activation	15/05/2020 12:42	Map production	26/05/2020

Data sources

Pre-event image: Sentinel-2A (2020) (acquired on 11/04/2020 at 07:46 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 06/05/2020 at 07:46 UTC, GSD 10 m, approx. 10% 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

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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 (ODD).

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

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