



GLIDE number: N/A
Int. Charter Act. ID: N/A

Activation ID: EMSR646
Product N.: 01VERI, v1

Veri - KOSOVO

Flood - Situation as of 01/02/2023

Grading - Overview map 01



Cartographic Information

1:28000 Full color A1, 200 dpi resolution



Grid: WGS 1984 UTM Zone 34N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

Crisis Information	Facilities Grading	Hydrography
Flooded area	Damaged	River
Built up grading	Possibly damaged	Stream
Damaged	Area of interest	Lake
Possibly damaged	Detail map	Reservoir
Transportation grading	Administrative boundaries	River
Road, Damaged	Region	Physiography & Land Use - Land Cover
Road, Possibly damaged	Province	Features available in the vector package
Highway, No visible damage	Placenames	
Secondary Road, No visible damage	Placename	
Local Road, No visible damage		
Cart Track, No visible damage		
Long-distance railway, No visible damage		

Consequences within the AOI					
	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Flood trace	ha				7.2
Flooded area	ha				16.7
Estimated population				256	84,350
Built-up	No	0	1	57	58
Transportation	No	1	0	1	1
	km	0.0	0.6	2.2	2.8
Facilities	ha	0.0	0.8	24.8	25.6
					111.3
		High damage	Moderate damage	Negligible to slight damage	Total affected**
Land use	ha	NA	NA	NA	26.0
					7,220.0

* Presence of damage proxies and proximity with destroyed/damaged asset
** Sum of all damage classes
Full table available in the vector package

Map Information

"Floods occurred on 19th and 20th of January 2023 in northern, eastern and western Kosovo". The situation has calmed down, but the damages caused by the floods and their consequences remain. The Copernicus Emergency Management Service - Rapid Mapping has been activated in order to estimate the flood impact on agriculture and urban areas for emergency support. "This designation is without prejudice to positions on status, and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo declaration of independence."

The present map shows the flood in the area of Veri (Kosovo). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The scale of analysis is 1:10000. The estimated geometric accuracy (RMSE) is 2.5m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 100 sq m.

Relevant date records (UTC)

Event	19/01/2023 19:00	Situation as of	01/02/2023 09:57
Activation	27/01/2023 16:54	Map production	02/02/2023

Data sources

Pre-event image: GeoEye © Maxar Technologies, Inc. (2021/2022), (acquired on 17/08/2021 at 09:34 UTC, acquired on 02/11/2022 at 09:37 UTC, GSD 0.5 m, approx. 0.0% cloud coverage in AOI, 3.7° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, all rights reserved.

Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 09/04/2020, GSD 0.6 m, approx. 0.0% cloud coverage in AOI).

Post-event image: GeoEye © Maxar Technologies, Inc. (2023), (acquired on 01/02/2023 at 09:57 UTC, GSD 0.5 m, approx. 0.0% cloud coverage in AOI, 30.1° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2022), Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 © EuroGeographics, refined by the producer.

Inset maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2015.

Population data: GHS Population Grid © European Commission, 2019
https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php

Disclaimer

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

Map produced by GMV released by SERTIT (ODD).
For the latest version of this map and related products visit
<https://emergency.copernicus.eu/EMSR646>

JRC-ems-rapidmapping@ec.europa.eu
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