



Situation as of 22/11/2025 21:46 UTC
Delineation - Overview map 01



Flooded area
EO-based 775.2 ha
Model-based 580.5 ha

Potentially affected population
~ 550

Potentially Affected Built-up and Transportations

Built-Up
2.9 ha

Road
23.8 km

Railway
0.2 km

Estimated flood depth (m)

Below 0.50

General Information

Area of Interest

Placenames

Placename

Built-Up Area

Residential

Non residential

Hydrography

Lake, River

Facilities

Long-distance pipelines or lines

Sport and recreation constructions

Dam

Transportation

Highway

Main road

Local road

Track

Railway

Event: During the night of 18-19 November 2025, heavy and moderate rainfall has affected several regions of Albania, causing localized flooding, road blockages, landslides, and power outages. Operational structures at both local and national levels remain engaged in monitoring, clearing works, and response interventions. Given the evolving situation, Copernicus EMS Rapid Mapping is requested to provide flood extent and damage assessment emergency mapping.

Data sources and analysis: Pre-event image: Sentinel-2A/B (2021) (acquired on 29/10/2025 at 09:31 UTC, resolution 10.0 m).
Post-event image: IE00 © copyright owned by ICEYE OY (acquired on 22/11/2025 at 21:46 UTC, resolution 2.5 m).
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The thematic layer has been derived from post-event satellite image using a semi-automatic approach. Please be aware that the thematic accuracy might be lower in urban and forested areas due to inherent limitations of the SAR analysis technique.

The flooded area corresponds to the water observed in the most recent satellite imagery, excluding the permanent water.
An extrapolated flood extent is generated by integrating observed flood areas with a Digital Terrain Model (DTM). The model's accuracy and spatial coverage depend on DTM resolution and quality, enabling the prediction of potentially flooded areas in regions with limited visibility in imagery, such as urban and forested zones.

Map produced by e-GEOS released by e-GEOS on the 23/11/2025.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR850>



Consequences within the AOI

			Unit of measurement	LATEST IMPACT		
				EO-based observation*	Model-based observation	EO- and Model-based observation
Crisis information	Flooded area		ha	775,2	580,5	1.355,8
	Maximum of all extents**		ha	775,2	580,5	1.355,8

				POTENTIALLY AFFECTED		TOTAL POTENTIALLY AFFECTED	Total in AOI
Estimated population		Inhabitants	No.	~ 200	~ 350	~ 550,8	~ 27 000
Assets	Built-up	Residential Buildings	ha	0,7	2,2	2,9	951,6
		Industrial buildings	ha	0	0	0	9,2
		Cemetery	ha	0	0	0	4,7
	Transportation	Highways	km	0,3	0,5	0,8	32,8
		Primary Road	km	0	0	0	9,6
		Secondary Road	km	0	0	0	22,8
		Local Road	km	3,3	7,8	11,1	427,5
		Cart Track	km	6,1	5,7	11,9	68,4
		Toll	km	0	0	0	0,1
		Long-distance railways	km	0	0,2	0,2	18,7
	Facilities	Dams	ha	0	0	0	3,7
		Sport and recreation constructions	ha	0	0	0	2,7
		Long-distance pipelines, communication and electricity lines	km	3,0	2,4	5,4	68,8
	Land use	Arable land	ha	459,7	417,1	876,8	4.834,6
		Heterogeneous agricultural areas	ha	308,2	150,2	458,4	6.240,5
		Other	ha	6,0	11,7	17,7	1.317,8
		Permanent crops	ha	1,4	1,5	2,9	148,8
		Pastures	ha	0	0	0	202,2
		Forests	ha	0	0	0	83,2
		Shrub and/or herbaceous vegetation association	ha	0	0	0	147,4

* Corresponds to the water observed in the most recent satellite imagery, excluding permanent water

** Corresponds to the geographic union (and NOT the sum) of all Crisis Information extents.

Disclaimer:

Full disclaimer and other helpful information available in the online manual:

<https://mapping.emergency.copernicus.eu/about/rapid-mapping-manual/>

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Data Access:

All data displayed on the map(s), as well as Land Use - Land Cover layer(s), are available in the Crisis Information Package and the Base Layer Package (for reference data). The table above is available in editable format in the Crisis Information Package. All products and data are also available for download on the portal.

Estimated Population:

Estimated population is based on Copernicus Global Human Settlement Layer (GHSL) dataset. Additional population datasets and analysis are available in the summary table.

Data Sources:

Base Vector Layers: OpenStreetMap © OpenStreetMap contributors (2025); Wikimapia.org; GeoNames 2015;
Corine Land Cover (CLC) 2018; © EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2021.
Inset Maps: Natural Earth 2023; HydroLAKES 2016 by HydroSHEDS;
© EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2021.

Digital Elevation Model:

FABDEM (ForestAndBuildingsremovedCopernicusDEM) removes building and tree height biases from the Copernicus GLO 30

Access to the portal



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