

Situation as of 23/11/2025 09:55 UTC
Grading - Overview map 01




 Flood trace
300.8 ha
 Flooded area
78.3 ha
 Potentially affected
population
~ 80


Affected Transportations




Road
3.8 km


Crisis Information


 Flooded Area


 Flood trace


Transportation Grading


 Road, Possibly damaged

 Highway, No visible
damage


 Main road, No visible
damage

 Local road, No visible
damage


 Track, No visible damage

 Railway, No visible
damage

General Information

 Area of Interest

 Detail map

 Not Analysed

Placenames

 Placename

Hydrography

 Lake, River

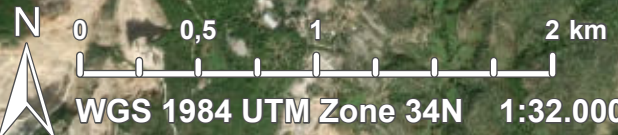
Event During the night of 18-19 November 2025, heavy and moderate rainfall has affected several regions of Albania, causing localized flooding, road blockages, landslides, and power outages. Operational structures at both local and national levels remain engaged in monitoring, clearing works, and response 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: PlanetScope © Planet, 2025 (acquired on 23/11/2025 at 09:55 UTC, resolution 3.0 m).
This image is used as background image.
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The thematic layer has been derived from post-event satellite image using a semi-automatic approach.

Map produced by e-GEOS released by e-GEOS on the 28/11/2025.

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







EMSR850 - AOI03

Flood in Albania


MAMURRAS


Situation as of 23/11/2025 09:55 UTC

Grading - Detail map 02




Crisis Information


 Flooded Area

 Flood trace


General Information


 Area of Interest


Placenames


 Placename

Transportation Grading

 Road, Possibly damaged

 Main road, No visible damage

 Local road, No visible damage

 Track, No visible damage


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Consequences within the AOI

			LATEST IMPACT	
			Unit of measurement	EO-based observation*
Crisis Information	Flood trace		ha	300,8
	Flooded area		ha	78,3
	Maximum of all extents**		ha	379,1

Estimated population		Inhabitants	No.	Destroyed	Damaged	Possibly damaged***	Total affected****	Total in AOI
							~ 80	~ 23.000
Assets	Built-up	Residential Buildings	ha	0	0	0	0	834,4
		Industrial buildings	ha	0	0	0	0	2,7
		Cemetery	ha	0	0	0	0	2,8
	Transportation	Highways	km	0	0	0,1	0,1	28,3
		Primary Road	km	0	0	0	0	6,5
		Secondary Road	km	0	0	0	0	19,1
		Local Road	km	0	0	1,8	1,8	358,8
		Cart Track	km	0	0	2,0	2,0	52,3
		Toll	km	0	0	0	0	0,1
		Long-distance railways	km	0	0	0	0	12,9
	Facilities	Dams	ha	0	0	0	0	1,6
		Sport and recreation constructions	ha	0	0	0	0	2,7
		Long-distance pipelines, communication and electricity lines	km	0	0	0	0	53,2
	Land use	Arable land	ha				219,8	4,634,6
		Heterogeneous agricultural areas	ha				157,6	4,561,4
		Other	ha				1,8	1,088,0
		Permanent crops	ha				0	109,5
		Pastures	ha				0	124,4
		Forests	ha				0	8,4
		Shrub and/or herbaceous vegetation association	ha				0	57,8

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

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

*** It is intersected with the population and asset datasets to estimate the impacts.

**** Sum of all damage classes

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



PROGRAMME OF THE
EUROPEAN UNION

