



**Situation as of 06/04/2025 19:30 UTC**  
Delineation - Overview map 01



- Landslide 14.5 ha  
Mudflow 0.4 ha
- Potentially affected population ~ 200
- Blocked road/ interruption 7 No

Potentially Affected Built-up and Transportations

- Road 4.0 km

Crisis Information

- Blocked road / interruption
- Flood trace
- Landslide
- Mudflow

General Information

- Area of Interest

Administrative Boundaries

- Municipality

Placenames

- Placename

Built-Up Area

- Residential

Hydrography

- Lake, River
- Island

Transportation

- Highway
- Main road
- Local road
- Track

**Event:** On the 26 February 2025 at 16:00 UTC, heavy rainfall affected western and coastal Ecuador causing floods and triggering landslides. The event is on-going, causing significant damage. Copernicus EMS Rapid Mapping is requested to provide an initial rough estimation and flood extent emergency mapping.

**Data sources and analysis:** Pre-event image: Pléiades Neo © CNES (2024), distributed by Airbus DS (acquired on 05/09/2024 at 15:49 UTC, resolution 0.3 m).  
Post-event image: IE00 © copyright owned by ICEYE OY (acquired on 06/04/2025 at 19:30 UTC, resolution 2.5 m).  
Pléiades Neo © CNES (2025), distributed by Airbus DS (acquired on 06/04/2025 at 15:45 UTC, resolution 0.3 m).  
This image is used as background image.

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The thematic layer has been derived from post-event satellite image using by means of visual interpretation. Please be aware that the thematic accuracy might be lower in urban and forested areas due to inherent limitations of the SAR analysis technique.



Map produced by e-GEOS released by e-GEOS on the 07/04/2025.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR796>



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Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Flood trace		ha		3,4
Landslide		ha		14,5
Mudflow		ha		0,4
Ancillary Crisis Information	Blocked road / interruption	No.		7
Estimated population		Number of inhabitants	~ 200	~ 4.300
Transportation	Highways	km	0,2	3,4
	Secondary Road	km	0,02	2,3
	Local Road	km	3,3	23,8
	Cart Track	km	0,4	3,8
Land use	Forests	ha	12,2	326,4
	Shrub and/or herbaceous vegetation association	ha	5,0	83,6
	Other	ha	1,1	28,7

**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.

Access to 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; Global Administrative Areas (2022), refined by the producer, Globe Land 30 (2010), Copernicus Global Land Service: Land Cover (2019). 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

Digital Elevation Model (DEM) (Airbus, 2020).



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