



EMSR912 - AOI01
Volcano eruption in Guatemala
EL FUEGO

Situation as of 11/08/2026 14:00 UTC
Delineation MONIT01 - Overview map 01



Ash fall
2,982.5 ha
Lava flow
238.5 ha
Potentially affected population
~ 10

Potentially Affected Transportations

Road
1.9 km

Crisis Information

Lava flow
Ash deposit

General Information

Area of Interest
Not Analysed

Built-Up Area

Residential

Non residential

Sport and recreation constructions

Transportation

Main road

Local road

Track

Event: On 3 August 2026 at 07:00 UTC, a new eruptive phase of Volcan de Fuego was reported to have affected the surrounding regions of Guatemala. The volcano remained continuously active for more than 36 hours, thus the event is ongoing, with pyroclastic flows and ash dispersion reported to affect communities, infrastructure, agriculture, and other economic activities. Copernicus EMS Rapid Mapping is requested to provide volcanic extent and damage assessment emergency mapping.

Data sources and analysis: Pre-event image: SPOT6/7 © Airbus DS (2026), distributed by Airbus DS (acquired on 06/02/2026 at 16:18 UTC, resolution 1.5 m). Post-event image: Legion © Vantor (2026), provided by European Space Imaging (acquired on 11/08/2026 at 14:00 UTC and 09/08/2026 at 16:59 UTC, resolution 1.6 m). COSMO-SkyMed SG © ASI (2026), distributed by e-GEOS S.p.A. (acquired on 09/08/2026 at 23:44 UTC, resolution 3.0 m). These images are used as background image. All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

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 14/08/2026.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR912>



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Consequences within the AOI

				LATEST IMPACT	
				Unit of measurement	Imagery-based observation
Crisis information	Ash fall			ha	2.982,5
	Lava flow			ha	238,5
	Maximum of all extents*			ha	3.221,1

				POTENTIALLY AFFECTED	Total in AOI
Estimated population		Inhabitants	No.	~ 10	~ 28.000
Assets	Built-up	Residential Buildings	ha	0	160,1
		Cemetery	ha	0	0,9
	Transportation	Primary Road	km	0	2,2
		Secondary Road	km	0	10,1
		Local Road	km	0	26,9
		Cart Track	km	1,9	26,7
	Facilities	Sport and recreation constructions	ha	0	1,3
	Land use	Forests	ha	3.055,3	12.136,6
		Shrub and/or herbaceous vegetation association	ha	144,3	887,5
		Inland wetlands	ha	21,5	88,0
		Heterogeneous agricultural areas	ha	0	129,2
		Other	ha	0	116,2

* 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 (2026); Wikimapia.org; GeoNames 2015; © EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2024. Copernicus Global Land Service: Land Cover (2019).

Inset Maps: Natural Earth 2023; HydroLAKES 2016 by HydroSHEDS; © EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2024.

Access to the portal

