



EMSR839 - AOI10 Earthquake in Afghanistan ASADABAD

Pre-event situation

Reference - Overview map 01



Population
~ 120000

Built-up and Transports

Built-Up
17,870 No.

Road
153.4 km

General Information	Hydrography
 Area of Interest	 Lake, River
Administrative Boundaries	Transportation
 Province	 Main road
Placenames	 Local road
 Placename	 Track
Built-Up Area	
 Residential	
 Non residential	
 Military	

Event: At 19:17 UTC on Sunday 31 August (23:47 local time), a magnitude 6.0 earthquake hit the province of Konarha in Afghanistan. Given its magnitude and the vulnerability of the affected population, this earthquake is expected to have a significant humanitarian impact. Copernicus EMS Rapid Mapping has been requested to provide emergency mapping of the earthquake's extent and damage.

Data sources and analysis: Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 13/02/2024 at 00:00 UTC, resolution 1.0 m). This image is used as background image. All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

The present map shows basic topographic features derived from public datasets, refined by means of visual interpretation of pre-event imagery.

Map produced by e-GEOS released by e-GEOS on the 05/09/2025.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR839>



Exposure within the AOI			
		Unit of measurement	Total in AOI
Estimated population		Number of inhabitants	~ 120,000
Built-up	Residential Buildings	No.	17.507
	Buildings used as places of worship and for religious activities	No.	3
	Other buildings not elsewhere classified	No.	18
	Military	No.	340
	Cemetery	No.	2
Transportation	Primary Road	km	11,9
	Secondary Road	km	45,6
	Local Road	km	54,3
	Cart Track	km	41,6
Land use	Heterogeneous agricultural areas	ha	1.519,8
	Forests	ha	328,8
	Shrub and/or herbaceous vegetation association	ha	2.264,1
	Open spaces with little or no vegetation	ha	3.322,6
	Other	ha	686,5

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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Access to the portal



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;

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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