



EMSR839 - AOI08
Earthquake in Afghanistan
DARUNTAH DAM

Pre-event situation

Reference - Overview map 01



Population
~ 100000

Built-up and Transports



Built-Up
13,167 No.



Road
326.5 km



Bridge
44 No.

General Information

Area of Interest
Image Footprint

Administrative Boundaries

Region
Province

Placenames

Placename

Built-Up Area

Residential
Non residential

Hydrography

Lake, River

Facilities

Long-distance pipelines
or lines

Power plant

Sport and recreation
constructions

Water or Aquatic
infrastructure

Dam

Transportation

Bridge and elevated
highway

Highway

Main road

Local road

Track

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 20/03/2025, resolution 1.0 m). WorldView-3 © Maxar Technologies, Inc. (2025), (acquired on 19/08/2025 at 06:22 UTC, resolution 0.5 m). These images are 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 Telespazio Iberica released by e-GEOS on the 03/09/2025.

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



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Exposure within the AOI			
		Unit of measurement	Total in AOI
Estimated population		Number of inhabitants	~ 100,000
Built-up	Residential Buildings	No.	12,673
	Industrial buildings	No.	1
	School, university and research buildings	No.	5
	Other non-residential buildings	No.	487
	Other buildings not elsewhere classified	No.	1
Transportation	Highways	km	14.0
	Secondary Road	km	11.1
	Local Road	km	239.6
	Cart Track	km	61.7
	Bridges and elevated highways	No.	44
Facilities	Breakwater	ha	0.1
	Dams	ha	0.7
	Power plant constructions	ha	0.1
	Sport and recreation constructions	ha	19.1
	Other civil engineering works not elsewhere classified	ha	0.6
Land use	Long-distance pipelines, communication and electricity lines	km	12.8
	Heterogeneous agricultural areas	ha	2,830.9
	Forests	ha	102.5
	Shrub and/or herbaceous vegetation association	ha	1,155.5
	Open spaces with little or no vegetation	ha	2,562.7
	Inland wetlands	ha	82.3
	Other	ha	425.0

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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