



Situation as of 27/08/2025 13:04 UTC
Delineation - Overview map 01



Flooded area
7,335.2 ha

Potentially affected
population
~ 2,800

Potentially Affected Built-up and Transportations

Built-Up
1.5 ha

Road
69.1 km

Estimated flood depth (m)

- Below 0.50
- 0.50 - 1.00
- 1.00 - 2.00
- 2.00 - 4.00
- 4.00 - 6.00

Built-Up Area

- Residential
- Military

Hydrography

- Lake, River

Transportation

- Main road
- Local road
- Track
- Railway

General Information

- Area of Interest

Administrative Boundaries

- International Boundary

Placenames

- Placename

Event: On the 15 August 2025 at 00:00, a flash flood event during the monsoon season was reported to have affected Khyber Pakhtunkhwa province, Pakistan. The event is on-going and spreading, with damage reported to buildings, infrastructure, and agriculture. Loss of life has already been recorded, with over 300 fatalities. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation and flood extent emergency mapping.

Data sources and analysis: Pre-event image: Sentinel-2A/B (2025) (acquired on 10/06/2025 at 05:37 UTC, resolution 10.0 m). This image is used as background image. Post-event image: Sentinel-1 (2025) (acquired on 27/08/2025 at 13:04 UTC, resolution 20.0 m). 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. Please be aware that the thematic accuracy might be lower in urban and forested areas due to inherent limitations of the SAR analysis technique.

The flood depth information is based on the analysis of post-event satellite imagery and on Digital Elevation Model data. The flooded area corresponds to the water observed in the most recent satellite imagery, excluding the permanent water.

Map produced by SERTIT released by e-GEOS on the 30/08/2025.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR838>

Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Flooded area		ha		7 335.2
Estimated population	Number of inhabitants		~ 2 800	~ 84 000
Built-up	Residential Buildings	ha	1.5	51.8
	Military	ha	0	9.1
Transportation	Secondary Road	km	0	1.9
	Local Road	km	12.5	150.7
	Cart Track	km	56.6	270.6
	Long-distance railways	km	0	3.5
Land use	Heterogeneous agricultural areas	ha	5 126.8	26 922.1
	Shrub and/or herbaceous vegetation association	ha	1 155.0	1 563.6
	Open spaces with little or no vegetation	ha	644.5	746.7
	Inland wetlands	ha	202.1	285.9
	Forests	ha	124.7	1 456.5
	Other	ha	82.2	605.6

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



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