

Situation as of 28/08/2025 01:07 UTC  
Delineation - Overview map 01





Flooded area  
87,554.4 ha



Potentially affected  
population  
~ 49,000

Potentially Affected Built-up and Transportations



Road  
345.3 km



Railway  
4.2 km



Built-Up  
260.2 ha

Estimated flood depth (m)

Below 0.50

0.50 - 1.00

1.00 - 2.00

2.00 - 4.00

4.00 - 6.00

Hydrography

Lake, River

Facilities

Long-distance pipelines or lines

Dam

Power plant

Sport and recreation constructions

Water or Aquatic infrastructure

Dam

Transportation

Highway

Main road

Local road

Track

Railway

Airfield runway

Airfield

General Information

Area of Interest

Administrative Boundaries

Province

Municipality

Built-Up Area

Residential

Non residential

School, university and research buildings

Hospital or institutional care buildings

**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 roughestimation and flood extent emergency mapping.


**Data sources and analysis:** Pre-event image: Sentinel-2A/B (2025) (acquired on 18/06/2025 at 05:46 UTC, resolution 10.0 m).  
Post-event image: Sentinel-1 (2025) (acquired on 28/08/2025 at 01:07 UTC, resolution 20.0 m).  
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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 Telespazio Iberica 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>



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0 3 6 12 km

WGS 1984 UTM Zone 43N 1:197,000



Consequences within the AOI			
	Unit of measurement	Affected	Total in AOI
Flooded area	ha		87,554.4
Estimated population	Number of inhabitants	~ 49,000	3.400 Mio.
Built-up	Residential Buildings	ha 260.1	18,425.5
	Office buildings	ha 0	3.3
	Industrial buildings	ha 0.1	139.4
	School, university and research buildings	ha 0	70.7
	Hospital or institutional care buildings	ha 0	1.3
	Other non-residential buildings	ha 0	50.2
	Cemetery	ha 0	75.9
Transportation	Airfield runways	ha 0	438.0
	Airfield runways	km 0	10.0
	Highways	km 10.5	374.6
	Primary Road	km 0.9	321.0
	Secondary Road	km 6.3	342.6
	Local Road	km 176.1	3,258.6
	Cart Track	km 151.6	1,838.2
	Toll	km 0	0.2
Facilities	Long-distance railways	km 4.2	130.1
	Dams	ha 0	2.7
	Power plant constructions	ha 0	9.8
	Sport and recreation constructions	ha 0	50.3
	Other civil engineering works not elsewhere classified	ha 0	21.0
	Long-distance pipelines, communication and electricity lines	km 25.6	406.4
Land use	Dams	km 0	2.6
	Heterogeneous agricultural areas	ha 75,293.8	365,834.6
	Open spaces with little or no vegetation	ha 4,929.6	12,032.9
	Shrub and/or herbaceous vegetation association	ha 3,556.4	11,111.6
	Other	ha 1,561.8	23,281.1
	Forests	ha 1,117.7	12,992.4
	Inland wetlands	ha 1,095.0	5,713.5

**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;

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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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