





EMSR838 - AOI11

Flood in Pakistan

WAKEEL ABAD

Situation as of 03/09/2025 05:36 UTC

Grading - Overview map 01





Flooded area 41.3 ha
Flood trace 1,113.4 ha
Landslide 2.2 ha



Potentially affected
population
~ 9,300

Affected Built-up and Transportations



Road
0.5 km



Built-Up
2,094 No.

Crisis Information

- Flooded Area
- Flood trace
- Landslide

Built Up Grading

- Destroyed
- Damaged
- Possibly damaged

Transportation Grading

- Road, Possibly damaged

- Main road, No visible damage
- Local road, No visible damage
- Track, No visible damage

General Information

- Area of Interest
- Not Analysed

Placenames

- Placename

Hydrography

- Lake, River

Event: On the 15 August 2025 at 00:00, a flash flood event during the monsoon season was reported to have affected Punjab and Khyber Pakhtunkhwa provinces, 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 images: Pléiades Neo © CNES (2023), distributed by Airbus DS (acquired on 25/11/2023 at 06:13 UTC, resolution 0.3 m). Pléiades Neo © CNES (2023), distributed by Airbus DS (acquired on 31/12/2023 at 06:05 UTC, resolution 0.3 m). Post-event image: Post-event image: Pléiades Neo © CNES (2025), distributed by Airbus DS (acquired on 03/09/2025 at 05:36 UTC, resolution 0.3 m). This image is 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.

Consequences within the AOI							
	Unit of measurement		Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Flood trace	ha						1 113.4
Flooded area	ha						41.3
Landslide	ha						2.2
Estimated population	Number of inhabitants					~ 9 300	~ 130 000
Built-up	Residential Buildings	No.	5	24	2 001	2 030	22 966
	Other non-residential buildings	No.	0	3	61	64	66
Transportation	Secondary Road	km	0	0	0	0	27.1
	Local Road	km	0	0	0.5	0.5	38.1
	Cart Track	km	0	0	0	0	16.2
Land use	Heterogeneous agricultural areas	ha				843.1	3 670.0
	Forests	ha				208.5	3 013.5
	Other	ha				60.8	511.4
	Shrub and/or herbaceous vegetation association	ha				31.6	379.0
	Inland wetlands	ha				12.8	17.2
* Presence of damage proxies and proximity with destroyed/damaged asset							
** Sum of all damage classes							

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 (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).

Access to the portal



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