

Situation as of 02/09/2025 06:05 UTC
Grading - Overview map 01



 Flooded Area 20 ha
Flood trace 355.9 ha



 Potentially affected population ~ 3,800

Affected Built-up and Transportations




 Built-up 605 No.

 Road 6.4 km



Crisis Information

-  Flooded Area
-  Flood trace



Built Up Grading

-  Destroyed
-  Damaged
-  Possibly damaged


Transportation Grading

-  Road, Possibly damaged
-  Main road, No visible damage


General Information

-  Area of Interest
-  Not Analysed

Placenames

-  Placename

Hydrography

-  Lake, River

Local road, No visible damage

Track, No visible damage

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 image: ESRI World Imagery © DigitalGlobe (acquired on 22/11/2022 at 00:00 UTC, resolution 1.0 m). Post-event image: Pleiades Neo © CNES (2025), distributed by Airbus DS (acquired on 02/09/2025 at 06:05 UTC, resolution 0.3 m).

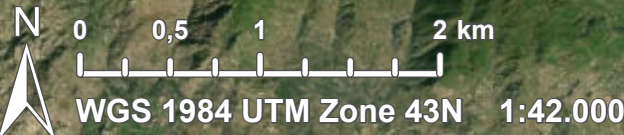
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The thematic layer has been derived from post-event satellite image using a semi-automatic approach.

The flooded area corresponds to the water observed in the most recent satellite imagery, excluding the permanent water.

Map produced by e-GEOS released by e-GEOS on the 04/09/2025.

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		Destroyed	Damaged	Possibly damaged*	Total affected**
Flood trace	ha					355,9
Flooded area	ha					20,0
Estimated population	Number of inhabitants					~ 3.800
Built-up						~ 280.000
	Residential Buildings	No.	8	1	581	590
	Institutional	No.	0	0	0	0
	School, university and research buildings	No.	0	0	0	0
	Hospital or institutional care buildings	No.	0	0	0	0
	Other non-residential buildings	No.	0	0	4	4
	Buildings used as places of worship and for religious activities	No.	0	0	1	1
	Other buildings not elsewhere classified	No.	0	0	10	10
	Communication buildings, stations, terminals and associated buildings	No.	0	0	0	0
Transportation	Primary Road	km	0	0	0,02	0,02
	Secondary Road	km	0	0	1,6	1,6
	Local Road	km	0	0	3,3	3,3
	Cart Track	km	0	0	1,5	1,5
Facilities	Sport and recreation constructions	ha	0	0	0	0
	Long-distance pipelines, communication and electricity lines	km	0	0	0	0
Land use	Heterogeneous agricultural areas	ha				361,7
	Other	ha				7,3
	Shrub and/or herbaceous vegetation association	ha				5,6
	Forests	ha				1,2
	Open spaces with little or no vegetation	ha				0
* Presence of damage proxies and proximity with destroyed/damaged asset						
** Sum of all damage classes						

* Corresponds to the water observed in the most recent satellite imagery, excluding permanent water

** Corresponds to the water observed in all previous products and in all crisis imagery, excluding permanent water (cumulative analysis).

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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