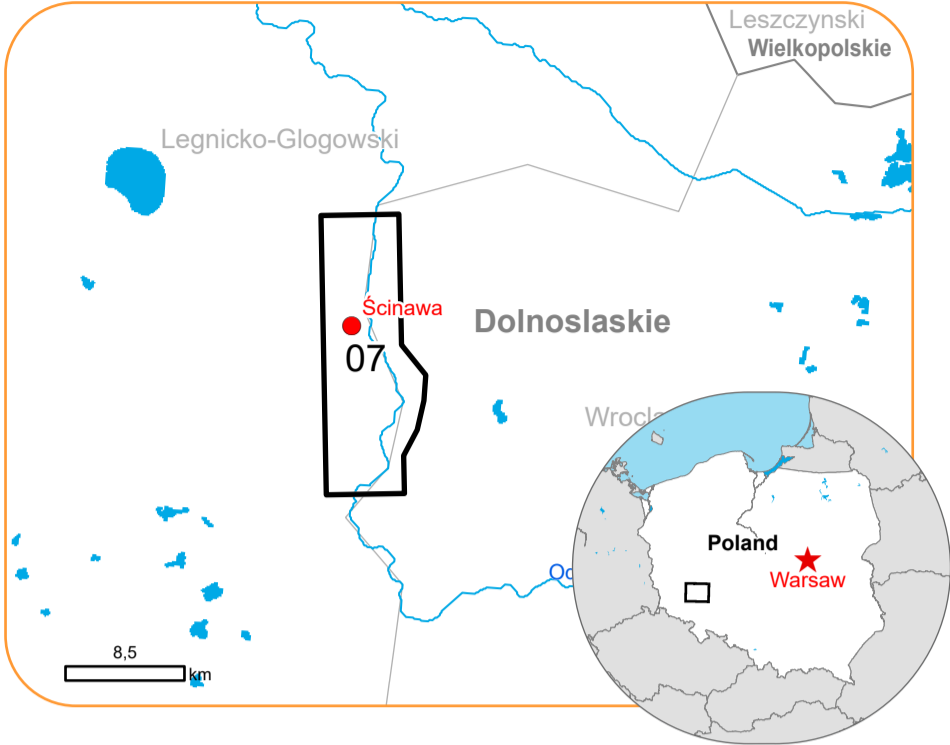


Situation as of 18/09/2024 16:36 UTC  
Delineation - Overview map 01



Flooded Area 572.4 ha  
Potentially affected population ~ 10

Potentially Affected Built-up and Transportations

Road 5.7 km

Estimated flood depth (m)

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

General Information

Area of Interest  
Image Footprint  
Not Analysed

Administrative Boundaries

Province  
Municipality

Placenames

Placename

Built-Up Area

Residential  
Non residential

Hydrography

Lake, River

Facilities

Long-distance pipelines or lines  
Local pipelines or lines  
Sport and recreation constructions  
Water or Aquatic infrastructure

Transportation

Main road  
Local road  
Track  
Railway

Event: Due to heavy rainfall in Middle and Eastern Europe, flooding is forecast to affect Polish regions close to the Czechia Border. Flooding is expected from 14 September 2024 onwards. Copernicus EMS Rapid Mapping is requested to provide flood extent emergency mapping and monitoring.

Data sources and analysis: Pre-event image: Sentinel-2A/B (2024) (acquired on 06/09/2024 at 10:03 UTC, resolution 10.0 m). This image is used as background image. Post-event image: Sentinel-1A (2024) (acquired on 18/09/2024 at 16:36 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 GAF AG released by SERTIT on the 19/09/2024.

Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR756>



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Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Flooded area		ha		572,4
Estimated population	Number of inhabitants		~ 10	~ 8.900
Built-up	Residential Buildings	ha	0	424,7
	Office buildings	ha	0	0,1
	Wholesale and retail trade buildings	ha	0	0,7
	Industrial buildings	ha	0	32,5
	Cemetery	ha	0	4,9
Transportation	Primary Road	km	0,2	8,3
	Secondary Road	km	0,2	26,2
	Local Road	km	0,05	65,1
	Cart Track	km	5,3	281,2
	Long-distance railways	km	0	33,2
Facilities	Settling Basin	ha	0	0,1
	Sport and recreation constructions	ha	0	25,0
	Long-distance pipelines, communication and electricity lines	km	0,5	33,6
	Local pipelines and cables	km	0,1	1,1
Land use	Pastures	ha	424,7	1.700,5
	Arable land	ha	118,2	6.253,6
	Other	ha	18,4	922,4
	Forests	ha	10,4	2.568,0
	Shrub and/or herbaceous vegetation association	ha	0,7	316,2
	Heterogeneous agricultural areas	ha	0	176,0

**Disclaimer:**

Full disclaimer and other helpful information available in the online manual:

<https://emergency.copernicus.eu/mapping/ems/online-manual-rapid-mapping-products>

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**Data Access:**

All data displayed on the map(s), as well as the Physiography and Land Use - Land Cover layers, 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 (2024), Wikimapia.org, GeoNames 2015,

Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 ©EuroGeographics.

Inset Maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2015.

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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