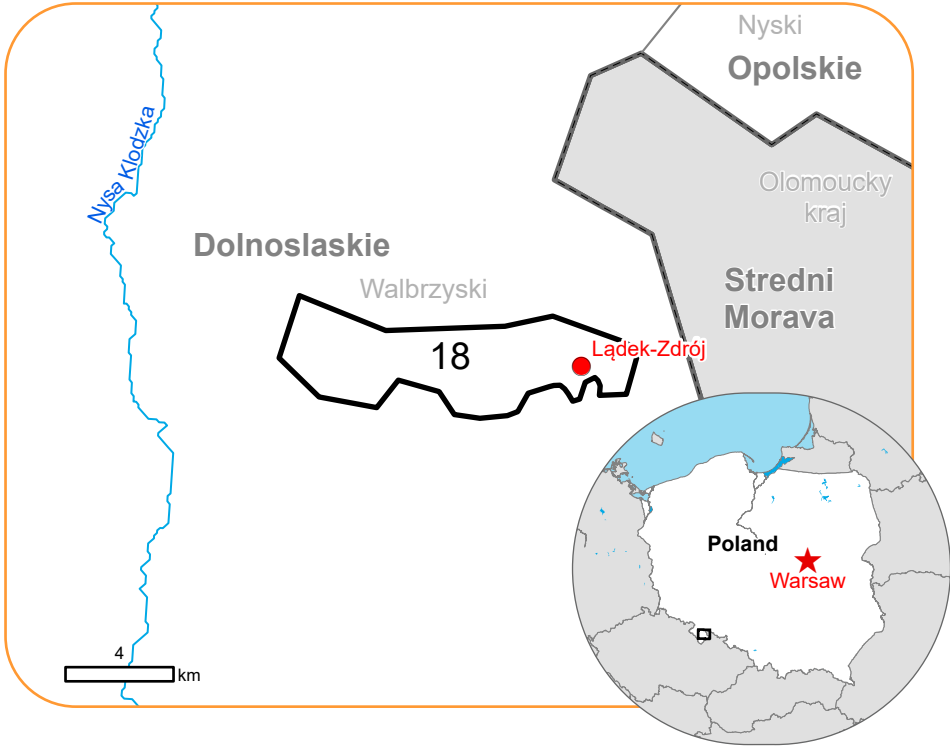




Situation as of 25/09/2024 09:59 UTC
Grading - Overview map 01



Landslide 4.2 ha
Flooded area 1.7 ha
Potentially affected population ~ 450

Affected Built-up and Transportations

Road 7.9 km
Bridge 0.1 km
Built-Up 438 No.

Crisis Information
Flooded Area
Flood trace
Mass Movement
Built Up Grading
Possibly damaged
Transportation Grading
Road, Destroyed
Road, Damaged
Road, Possibly damaged
Bridge, elevated
highway, tunnel and subway, Damaged
Main road, No visible damage
Local road, No visible damage
General Information
Area of Interest
Not Analysed
Administrative Boundaries
Municipality
Placenames
Placename
Hydrography
Lake, River
Track, No visible damage
Railway, No visible damage
Bridge and elevated highway, No visible damage

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: PlanetScope © Planet, 2024 (acquired on 30/07/2024 at 09:14 UTC, resolution 3.0 m). Post-event image: GeoEye © Maxar Technologies, Inc. (2024), (acquired on 25/09/2024 at 09:59 UTC, resolution 0.5 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 by means of visual interpretation.

Map produced by Telespazio Iberica released by e-GEOS on the 25/09/2024.

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



Consequences within the AOI						
	Unit of measurement	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Landslide	ha					4.2
Flood trace	ha					103.7
Flooded area	ha				1.7	
Estimated population	Number of inhabitants				- 450	- 7,500
Built-up		No.			414	3,315
Residential Buildings	No.	0	0	1	1	4
Office buildings	No.	0	0	0	0	1
Police station	No.	0	0	0	0	3
Fire station	No.	0	0	0	0	22
Wholesale and retail trade buildings	No.	0	0	2	2	27
Industrial buildings	No.	0	0	0	0	4
Reservoirs, silos and warehouses	No.	0	0	0	0	1
Public entertainment buildings	No.	0	0	0	0	1
Museums and libraries	No.	0	0	0	0	5
School, university and research buildings	No.	0	0	0	0	10
Hospital or institutional care buildings	No.	0	0	2	2	25
Non-residential farm buildings	No.	0	0	0	0	10
Buildings used as places of worship and for religious activities	No.	0	0	0	0	1
Other buildings not elsewhere classified	No.	0	0	0	0	8
Hotel buildings	No.	0	0	0	0	19
Communication buildings, stations, terminals and associated buildings	No.	0	0	19	19	90
Transportation		km	0	0.1	0	0.7
Bridges and elevated highways	km	0	0	0	0	0.4
Primary Road	km	0	0	0	0	19.7
Secondary Road	km	0.2	2.8	2.9	5.8	75.3
Local Road	km	0.2	0.5	1.0	1.7	83.7
Cart Track	km	0.04	0.1	0.2	0.4	0.4
No-Driveway	km	0	0	0	0	14.5
Long-distance railways	km	0	0	0	0	36.7
Facilities		ha	0	0	0	9.8
Constructions for mining or extraction	ha	0	0	0	0	9.7
Sport and recreation constructions	km	0	0	0	0	14.2
Long-distance pipelines, communication and electricity lines	km	0	0	0	0	
Local pipelines and cables	km	0	0	0	0	
Land use		ha			48.7	1,370.7
Arable land	ha				30.1	391.0
Other	ha				25.5	490.5
Heterogeneous agricultural areas	ha				4.5	487.1
Pastures	ha				0.8	154.1
Shrub and/or herbaceous vegetation association	ha				0	598.0
Forests	ha					

* 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://emergency.copernicus.eu/mapping/emergency-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.

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: SRTM (90 m) or (30 m) (NASA/USGS) or COP-DEM-EEA-10-R product © DLR e.V. (2014-2018) and © Airbus Defence and Space GmbH (2020) provided under COPENICUS by the European Union and ESA, all rights reserved.
FABDEM (ForestAndBuildingsremovedCopernicusDEM) removes building and tree height biases from the Copernicus GLO 30 Digital Elevation Model (DEM) (Airbus,2020).

Global Administrative Areas (2012), refined by the producer, Globe Land 30 (2010), Copernicus Global Land Service: Land Cover (2019).
Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2015.
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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