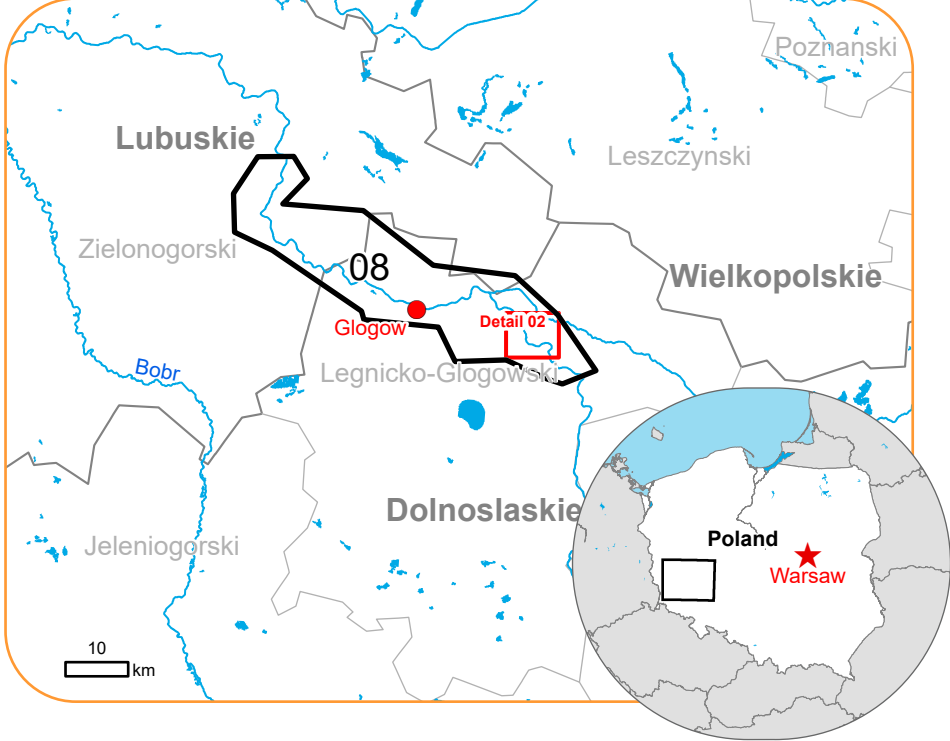


**Situation as of 17/09/2024 10:08 UTC**  
Delineation - Detail map 02



| Estimated flood depth (m) | Hydrography                        |
|---------------------------|------------------------------------|
| 1.00 - 2.00               | Lake, River                        |
| General Information       | Facilities                         |
| Area of Interest          | Sport and recreation constructions |
| Administrative Boundaries | Water or Aquatic infrastructure    |
| Province                  | Transportation                     |
| Municipality              | Main road                          |
| Placenames                | Local road                         |
| Placename                 | Track                              |
| Built-Up Area             |                                    |
| Residential               |                                    |
| Non residential           |                                    |

**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 04/09/2024 at 10:05 UTC, resolution 10.0 m).  
Post-event image: PlanetScope © Planet, 2024 (acquired on 17/09/2024 at 10:08 UTC, resolution 3.0 m). All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

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The thematic layer has been derived from post-event satellite image by meaning of visual interpretation.

The flood depth information is based on the analysis of post-event satellite

Map produced by ITHACA 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>



| Consequences within the AOI |  |          |              |
|-----------------------------|--|----------|--------------|
|                             | Unit of measurement  | Affected | Total in AOI |
| Flood trace                 | ha   |          | 1.9          |
| Flooded area                | ha   |          | 1.681.2      |
| Estimated population        | Number of inhabitants  | ~ 80     | ~ 140.000    |
| Built-up                    | Residential Buildings  | ha       | 1.2          |
|                             | Office buildings   | ha       | 0            |
|                             | Wholesale and retail trade buildings                         | ha       | 0            |
|                             | Industrial buildings   | ha       | 3.3          |
|                             | Museums and libraries  | ha       | 2.0          |
|                             | School, university and research buildings                    | ha       | 0            |
|                             | Sports halls   | ha       | 3.0          |
|                             | Hospital or institutional care buildings                     | ha       | 0            |
|                             | Military   | ha       | 0            |
|                             | Cemetery   | ha       | 0            |
| Transportation              | Airfield runways   | ha       | 0            |
|                             | Helipad  | ha       | 0            |
|                             | Airfield runways   | km       | 0            |
|                             | Highways   | km       | 0            |
|                             | Primary Road   | km       | 0            |
|                             | Secondary Road   | km       | 0.3          |
|                             | Local Road   | km       | 0.2          |
|                             | Cart Track   | km       | 24.1         |
|                             | Long-distance railways                                       | km       | 0            |
| Facilities                  | Settling Basin   | ha       | 0            |
|                             | Constructions for mining or extraction                       | ha       | 0            |
|                             | Power plant constructions                                    | ha       | 0            |
|                             | Sport and recreation constructions                           | ha       | 0            |
|                             | Other civil engineering works not elsewhere classified       | ha       | 0            |
|                             | Long-distance pipelines, communication and electricity lines | km       | 0.1          |
|                             | Local pipelines and cables                                   | km       | 0.2          |
|                             | Dams   | km       | 0            |
| Land use                    | Pastures   | ha       | 902.2        |
|                             | Forests  | ha       | 616.2        |
|                             | Other  | ha       | 100.6        |
|                             | Heterogeneous agricultural areas                             | ha       | 31.4         |
|                             | Arable land  | ha       | 28.4         |
|                             | Shrub and/or herbaceous vegetation association               | ha       | 4.3          |

**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



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