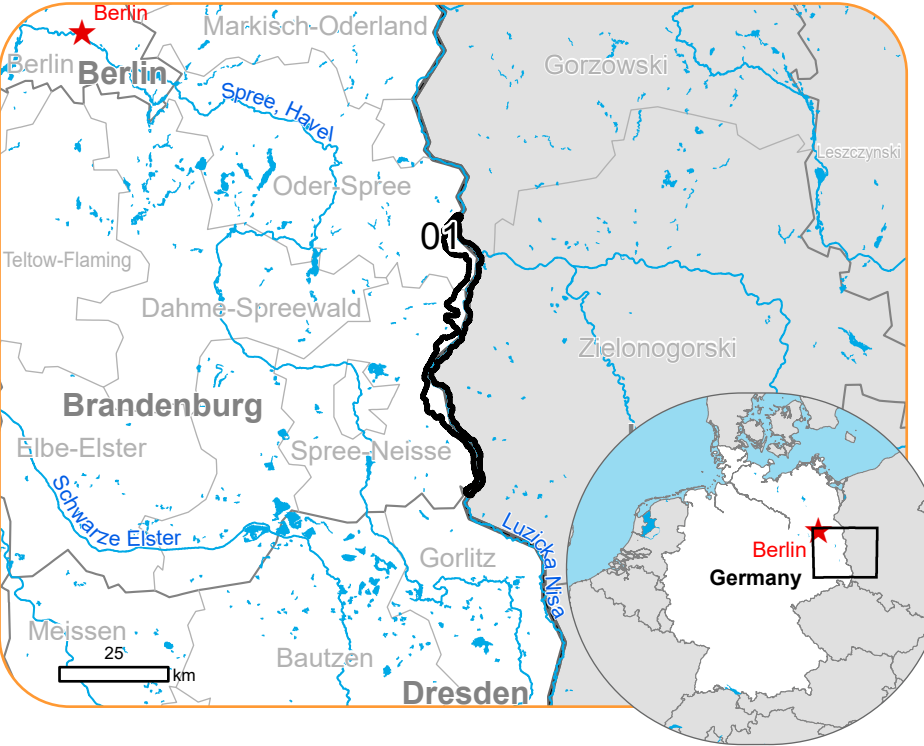




Situation as of 17/09/2024 04:30 UTC
Delineation MONIT01 - Overview map 01


































 **Flooded area**
140.9 ha

 **Potentially affected population**
~ 10

Potentially Affected Built-up and Transportations

 **Road**
1.9 km

 **Railway**
0.1 km

Estimated flood depth (m)	Facilities
 Below 0.50	 Long-distance pipelines or lines
 0.50 - 1.00	 Local pipelines or lines
 1.00 - 2.00	 Dam
 2.00 - 4.00	 Mining or extraction site
 4.00 - 6.00	 Water Well
General Information	 Power plant
 Area of Interest	 Sport and recreation constructions
Administrative Boundaries	 Dump Site
 Region	 Water or Aquatic infrastructure
 Province	 Dam
 Municipality	Transportation
Placenames	 Highway
 Placename	 Main road
Built-Up Area	 Local road
 Residential	 Track
 Non residential	 Railway
 School, university and research buildings	Transportation
 Hospital or institutional care buildings	 Helipad
Hydrography	
 Lake, River	

Event: Due to heavy rainfall in Middle and Eastern Europe, flooding is forecast to affect Brandenburg rivers in an area bordering Poland (Neisse and Oder). The flooding is expected on the 14 and 15 September 2024. Copernicus EMS Rapid Mapping is requested to provide flood extent emergency mapping.

Data sources and analysis: Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 12/10/2022, resolution 1.2 m). This image is used as background image.

Post-event image: CSG © ASI (2024), distributed by e-GEOS S.p.A. (acquired on 17/09/2024 at 04:30 UTC, resolution 1.25 m).

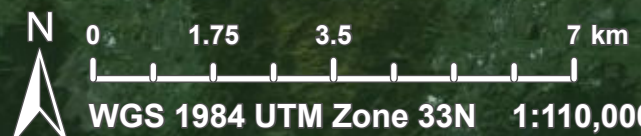
All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

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 GMV released by SERTIT on the 17/09/2024.

Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR755>



Consequences within the AOI			
	Unit of measurement	Affected	Total in AOI
Flooded area	ha		140.9
Estimated population	Number of inhabitants	~ 10	~ 44,000
Built-up	Residential Buildings	ha	0
	Office buildings	ha	0
	Wholesale and retail trade buildings	ha	0
	Industrial buildings	ha	0
	School, university and research buildings	ha	0
	Hospital or institutional care buildings	ha	0
	Cemetery	ha	0
Transportation	Helipad	ha	0
	Highways	km	0
	Primary Road	km	0
	Secondary Road	km	0
	Local Road	km	0.1
	Cart Track	km	1.8
	Long-distance railways	km	0.1
Facilities	Settling Basin	ha	0
	Dams	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
	Local pipelines and cables	km	0
	Dams	km	0
Land use	Pastures	ha	127.5
	Shrub and/or herbaceous vegetation association	ha	7.3
	Arable land	ha	4.0
	Forests	ha	2.2
	Heterogeneous agricultural areas	ha	0
	Inland wetlands	ha	0
	Other	ha	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).



PROGRAMME OF THE
EUROPEAN UNION

