



EMSR756 - AO117
Flood in Poland
KAMIENIEC ZABKOWICKI

Situation as of 23/09/2024 09:44 UTC
Grading - Overview map 01



Flooded area 17.9 ha
Landslide 3.4 ha
Potentially affected population ~ 150

Affected Built-up and Transportations

Built-Up 43 No.
Road 3.2 km

- Crisis Information**
- Flooded Area
 - Landslide
 - Flood trace
- Built Up Grading**
- Damaged
 - Possibly damaged
- Facilities Grading**
- Possibly damaged
- Transportation Grading**
- Road, Damaged
 - Road, Possibly damaged
 - Main road, No visible damage
- General Information**
- Area of Interest
 - Not Analysed
- Administrative Boundaries**
- Municipality
- Placenames**
- Placename
- Hydrography**
- Lake, River
- Local road, No visible damage
Track, No visible damage
Railway, 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: ESRI World Imagery © DigitalGlobe (acquired on 10/12/2022, resolution 0.6 m).
Post-event image: Post-event image: WorldView-3 © Maxar Technologies, Inc. (2024), (acquired on 23/09/2024 at 09:44 UTC, resolution 0.5 m).
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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 24/09/2024.

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
Flood trace	ha					193.7
Flooded area	ha					17.9
Landslide	ha					3.4
Estimated population	Number of inhabitants				– 150	– 7.700
Built-up	Residential Buildings	No. 0	3	37	40	3,845
	Office buildings	No. 0	0	0	0	2
	Institutional	No. 0	0	0	0	1
	Police station	No. 0	0	0	0	1
	Fire station	No. 0	0	0	0	4
	Wholesale and retail trade buildings	No. 0	0	0	0	7
	Industrial buildings	No. 0	1	0	1	15
	Reservoirs, silos and warehouses	No. 0	0	1	1	62
	School, university and research buildings	No. 0	0	0	0	1
	Non-residential farm buildings	No. 0	0	0	0	26
	Buildings used as places of worship and for religious activities	No. 0	0	0	0	20
	Other buildings not elsewhere classified	No. 0	0	1	1	8
	Hotel buildings	No. 0	0	0	0	1
	Communication buildings, stations, terminals and associated buildings	No. 0	0	0	0	11
Transportation	Garage buildings	No. 0	0	0	0	5
	Primary Road	km 0	0	0	0	6.8
	Secondary Road	km 0	0	0	0	8.1
	Local Road	km 0	0.04	1.1	1.1	86.0
	Cart Track	km 0	1.0	1.0	2.1	100.7
Facilities	Long-distance railways	km 0	0	0	0	75.8
	Dams	ha 0	0	0	0	0.1
	Constructions for mining or extraction	ha 0	0	0	0	14.5
	Power plant constructions	ha 0	0	0	0	2.0
	Sport and recreation constructions	ha 0	0	0.9	0.9	11.1
	Long-distance pipelines, communication and electricity lines	km 0	0	0	0	5.7
	Local pipelines and cables	km 0	0	0	0	8.5
	Dams	km 0	0	0	0	0.3
Land use	Arable land	ha			166.7	1,556.3
	Heterogeneous agricultural areas	ha			18.7	294.4
	Other	ha			9.8	686.0
	Shrub and/or herbaceous vegetation association	ha			9.0	229.3
	Pastures	ha			6.5	177.3
	Forests	ha			4.2	462.3
	Permanent crops	ha			0	0.6
* Presence of damage proxies and proximitywith 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/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.

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 COPERNICUS 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).
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Access to the portal



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