

EMSR757 - AOI02
Flood in March, Morava Basins, Slovakia
MYJAVA

Situation as of 18/09/2024 09:50 UTC
Delineation MONIT01 - Overview map 01



Flood trace 446.6 ha
Potentially affected population ~ 20

Potentially Affected Built-up and Transportations

Road 4.6 km
Airport 0.9 ha
Railway 0.3 km

Built-Up 0.7 ha


- | | |
|---|---|
| Crisis Information
Flood trace
General Information
Area of Interest
Detail map
Administrative Boundaries
International Boundary
Region
Province
Municipality
Placenames
Placename
Built-Up Area
Residential
Non residential
School, university and research buildings
Hospital or institutional care buildings | Hydrography
Lake, River
Facilities
Long-distance pipelines or lines
Local pipelines or lines
Dam
Mining or extraction site
Water Well
Sport and recreation constructions
Dump Site
Water or Aquatic infrastructure
Transportation
Main road
Local road
Track
Railway
Airfield
Helipad |
|---|---|

Event: Due to heavy rainfall over the coming days, flooding is forecast to affect the March and Morava Basins. Copernicus EMS Rapid Mapping is requested to provide flood extent, monitoring and damage assessment emergency mapping.

Data sources and analysis: Pre-event image: Sentinel-2A/B (2024) (acquired on 03/09/2024 at 09:45 UTC, resolution 10.0 m).
Post-event image: Sentinel-2A/B (2024) (acquired on 18/09/2024 at 09:50 UTC, resolution 10.0 m). This image is used as background image.
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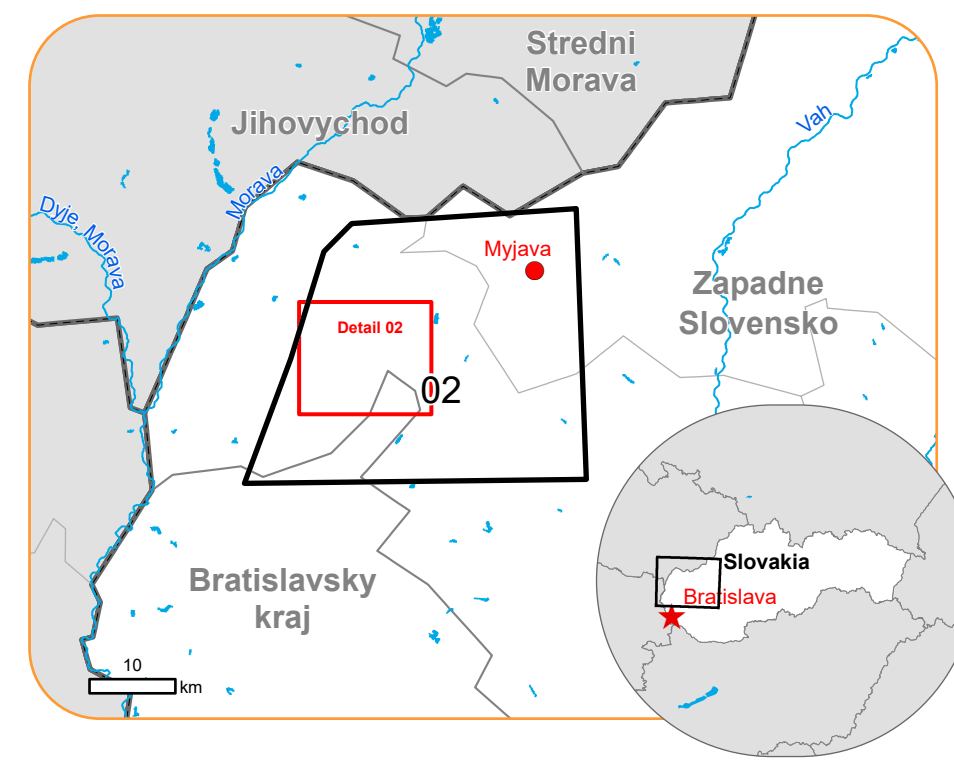
The thematic layer has been derived from post-event satellite image by means of visual interpretation.





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Situation as of 18/09/2024 09:50 UTC
Delineation MONIT01 - Detail map 02



- Crisis Information**

 - Flood trace

General Information

 - Area of Interest

Administrative Boundaries

 - Region
 - Province
 - Municipality

Placenames

 - Placename

Built-Up Area

 - Residential
 - Non residential
 - School, university and research buildings

Hydrography

 - Lake, River
- Facilities**

 - Long-distance pipelines or lines
 - Local pipelines or lines
 - Dam
 - Mining or extraction site
 - Sport and recreation constructions
 - Water or Aquatic infrastructure

Transportation

 - Main road
 - Local road
 - Track
 - Railway
 - Airfield
 - Helipad

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Consequences within the AOI				
	Unit of measurement	Affected	Total in AOI	
Flood trace	ha		446.6	
Estimated population	Number of inhabitants	~ 20	~ 78.000	
Built-up	Residential Buildings	ha	0.7	3.331.0
	Office buildings	ha	0	9.4
	Wholesale and retail trade buildings	ha	0	2.8
	Industrial buildings	ha	0	224.9
	School, university and research buildings	ha	0	15.5
	Hospital or institutional care buildings	ha	0	4.6
	Cemetery	ha	0	46.2
Transportation	Airfield runways	ha	0.9	23.0
	Helipad	ha	0	0.01
	Primary Road	km	0	42.9
	Secondary Road	km	0	143.1
	Local Road	km	0	1.112.7
	Cart Track	km	4.6	2.284.4
	Long-distance railways	km	0.3	138.5
Facilities	Settling Basin	ha	0	7.7
	Constructions for mining or extraction	ha	0	180.4
	Sport and recreation constructions	ha	0	98.7
	Other civil engineering works not elsewhere classified	ha	0	0.9
	Long-distance pipelines, communication and electricity lines	km	1.3	240.1
	Local pipelines and cables	km	1.8	449.4
Land use	Dams	km	0	1.8
	Arable land	ha	444.6	42.995.8
	Other	ha	1.6	5.759.4
	Forests	ha	0.4	42.248.1
	Inland wetlands	ha	0	83.1
	Permanent crops	ha	0	470.7
	Pastures	ha	0	3.569.2
	Heterogeneous agricultural areas	ha	0	6.953.6
	Shrub and/or herbaceous vegetation association	ha	0	1.718.6

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.

Access to the portal

**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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