

EMSR836 - AOI05

Wildfire in Montenegro

RASTOVAC

Situation as of 19/08/2025 09:03 UTC

Delineation MONIT01 - Overview map 01





Burnt area  
945.8 ha







Potentially affected  
population ~ Not available

Potentially Affected Transportations



Road  
9.4 km




Crisis Information

-  Burnt area
-  Area of Interest
-  Detail map
-  Not Analysed

Placenames

-  Placename







Built-Up Area

-  Residential
-  Non residential
-  Military




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

	Current		Forecast	
	19 August 09:03 UTC	20 August 09:03 UTC	20 August 09:03 UTC	21 August 09:03 UTC
Wind direction and speed	 3 km/h	 3 km/h	 7 km/h	
Temperature and relative Humidity	 17°  60%	 20°  60%	 22°  50%	

Data retrieved from ECMWF on August 19, 09:03 UTC. Calculated at: 42°51'N, 19°51'E.

**Event:** From 10 August, wildfires have affected various parts of Montenegro. The event is on-going now mostly around Podgorica, the capital. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation, wildfire extent and damage assessment emergency mapping.

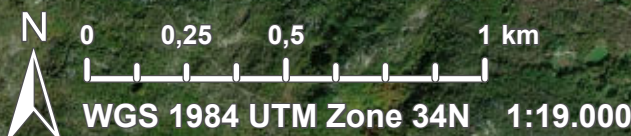
**Data sources and analysis:** Pre-event image: Sentinel-2A/B (2025) (acquired on 24/07/2025 at 09:40 UTC, resolution 10.0 m).  
Post-event image: SPOT6 © Airbus DS (2025), (acquired on 19/08/2025 at 09:03 UTC, resolution 1.5 m).  
This image is used as background image.  
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The thematic layer has been derived from post-event satellite image using a semi-automatic approach. Due to dense smoke, the burnt area delineation is not complete.

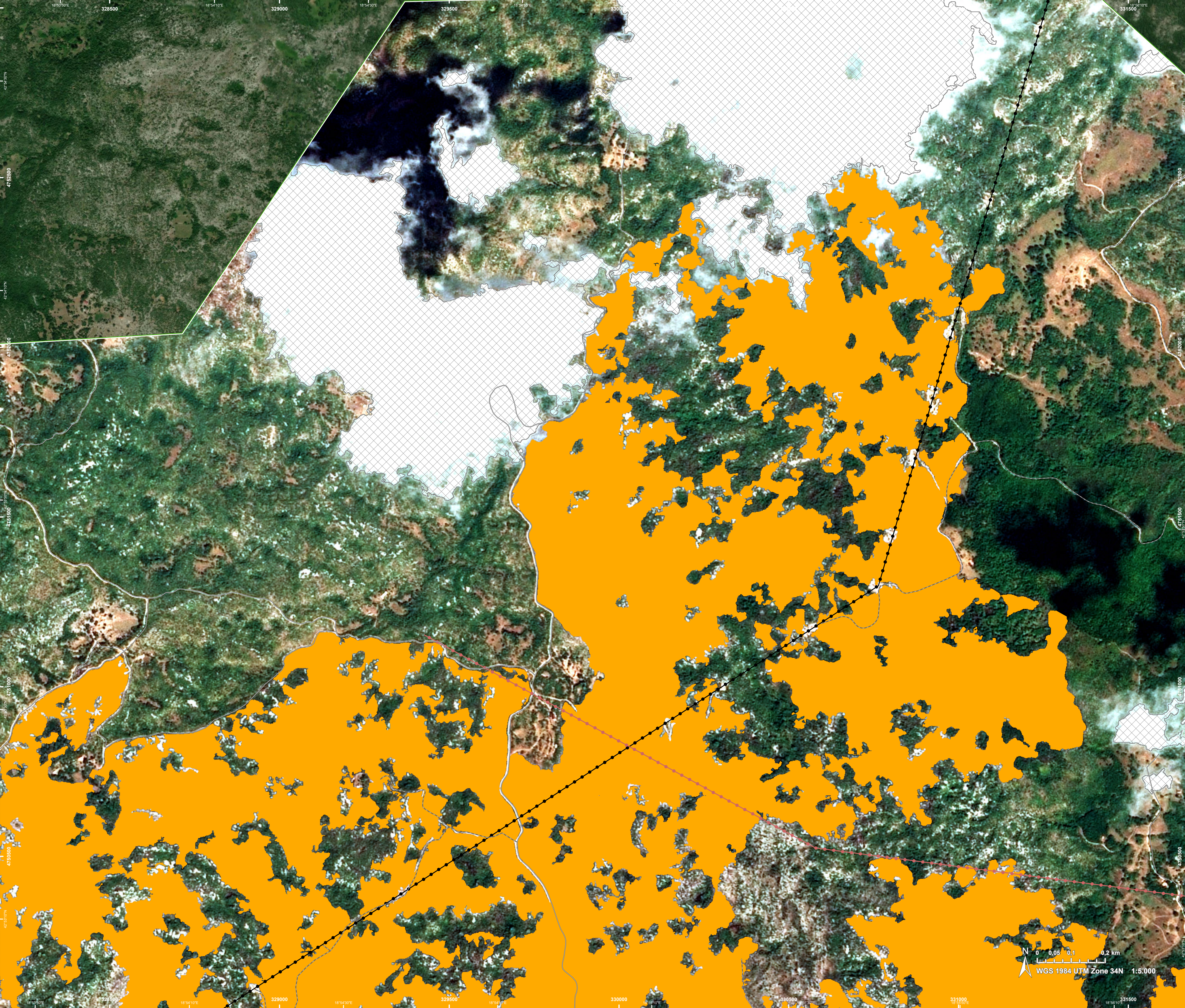
The current burnt area cumulates all burnt area extents from previous post-event products.

Map produced by GAF AG released by SERTIT on the 19/08/2025.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR836>







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Wildfire in Montenegro  
RASTOVAC

Situation as of 19/08/2025 09:03 UTC  
Delineation MONIT01 - Detail map 02



Crisis Information

- Burnt area
- Area of Interest
- Not Analysed

Facilities

- Long-distance pipelines or lines
- Local pipelines or lines
- Transportation
  - Local road
  - Track

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Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Burnt area		ha		945,8
Estimated population	Number of inhabitants		NA	~ 900
Built-up	Residential Buildings	ha	0	159,2
	Military	ha	0	15,9
	Cemetery	ha	0	1,2
Transportation	Primary Road	km	0	7,8
	Secondary Road	km	0,6	5,8
	Local Road	km	4,7	79,2
	Cart Track	km	4,1	40,6
Facilities	Settling Basin	ha	0	0,6
	Constructions for mining or extraction	ha	0	0,3
	Sport and recreation constructions	ha	0	0,1
	Long-distance pipelines, communication and electricity lines	km	2,8	15,3
	Local pipelines and cables	km	0,9	5,5
	Dams	km	0	0,1
Land use	Shrub and/or herbaceous vegetation association	ha	824,1	2.358,3
	Forests	ha	63,4	2.139,8
	Heterogeneous agricultural areas	ha	58,3	1.271,2
	Pastures	ha	0	8,1
	Open spaces with little or no vegetation	ha	0	44,5

**Disclaimer:**

Full disclaimer and other helpful information available in the online manual:

<https://mapping.emergency.copernicus.eu/about/rapid-mapping-manual/>

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Access to the portal

**Data Access:**

All data displayed on the map(s), as well as Land Use - Land Cover layer(s), 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 (2025); Wikimapia.org; GeoNames 2015;

Corine Land Cover (CLC) 2018; © EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2021.

Inset Maps: Natural Earth 2023; HydroLAKES 2016 by HydroSHEDS;

© EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2021.

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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