





EMSR824 - AOI02
Wildfire in Portugal
PONTE DA BARCA

Situation as of 02/08/2025 11:39 UTC
Delineation MONIT03 - Overview map 01





Active Flames 12 No.
Burnt area 6,845.2 ha



Potentially affected
population
~ 40

Potentially Affected Built-up and Transportations



Built-Up
3.5 ha



Road
70.4 km

Crisis Information

- Active Flames
- Burnt area
- Previous burnt area

General Information

- Area of Interest
- Detail map

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
- Power plant
- Sport and recreation constructions
- Water or Aquatic infrastructure
- Dam

Transportation

- Main road
- Local road
- Track

	Current		Forecast	
	Aug 02, 11:39 UTC		Aug 03, 11:39 UTC	Aug 04, 11:39 UTC
Wind direction and speed	 9 km/h		 7 km/h	 11 km/h
Temperature and relative Humidity	 33°  28%		 35°  23%	 37°  17%

Data retrieved from ECMWF on Aug 02, 11:39 UTC. Calculated at: 41.746°N, -8.132°E.

Event Since 27th July the number of wildfires in Portugal has continued to increase, with 60 active incidents currently reported. Three of these fires have been burning for over 24 hours. Due to the persistence of the fires in Arouca and Ponte da Barca, EMS Copernicus activation is being requested.Copernicus EMS Rapid Mapping is requested to provide fire extent and monitoring.

Data sources and analysis: Pre-event image: Sentinel-2 (2025) (acquired on 24/07/2025 at 11:21 UTC, resolution 10.0 m).
Post-event image: Pléiades-1A © CNES (2025), distributed by Airbus DS (acquired on 02/08/2025 at 11:39 UTC, resolution 2 m).
This image is used as background image.

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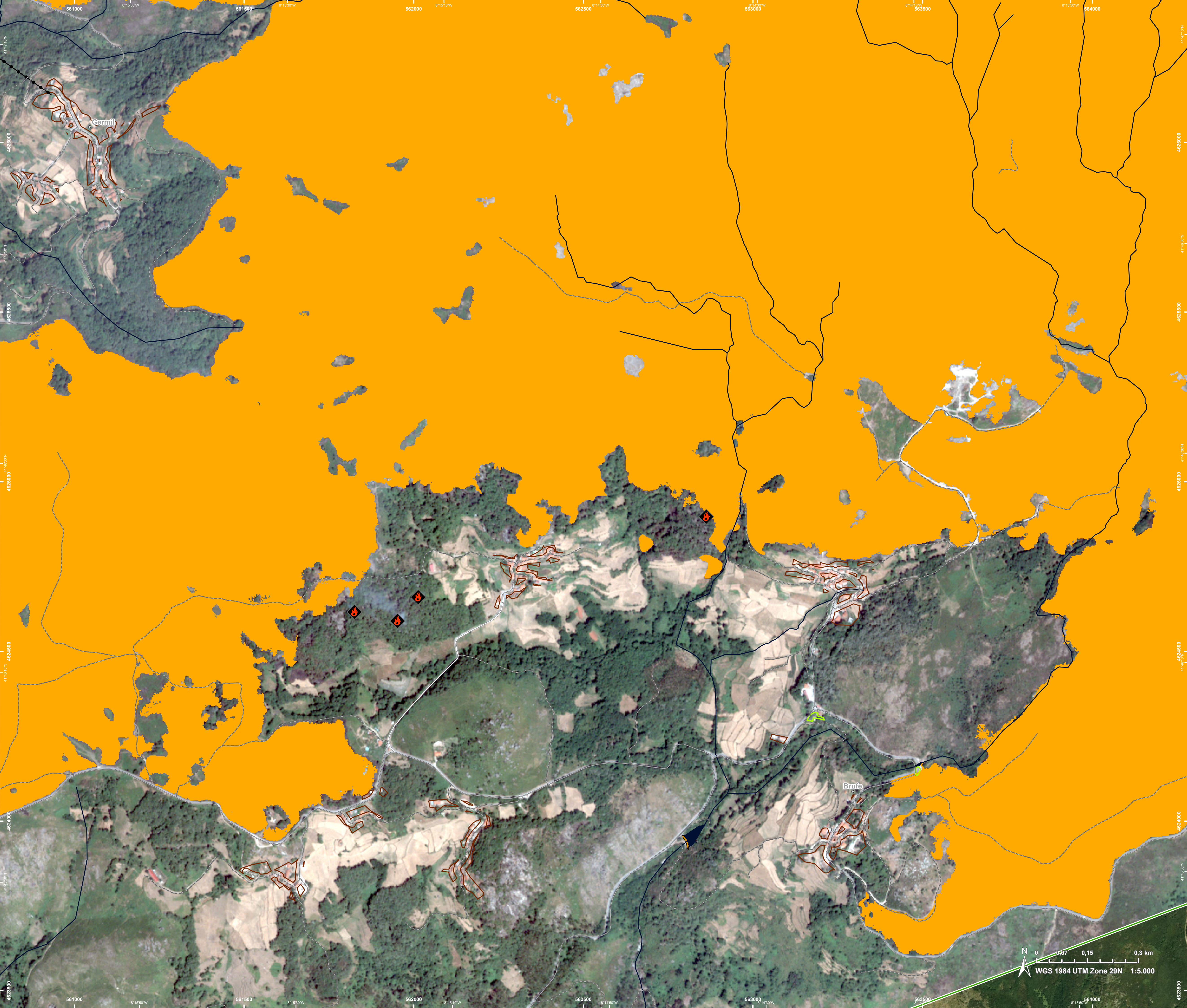
The thematic layer has been derived from post-event satellite image using a semi-automatic approach.

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

Map produced by e-GEOS released by e-GEOS on the 02/08/2025.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR824>







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Situation as of 02/08/2025 11:39 UTC

Delineation MONIT03 - Detail map 02



Crisis Information

- Active Flames
- Burnt area

General Information

- Area of Interest

Placenames

- Placename

Built-Up Area

- Residential

Hydrography










- Lake, River

Facilities

- Long-distance pipelines or lines
- Sport and recreation constructions
- Dam

Transportation

- Main road
- Local road
- Track

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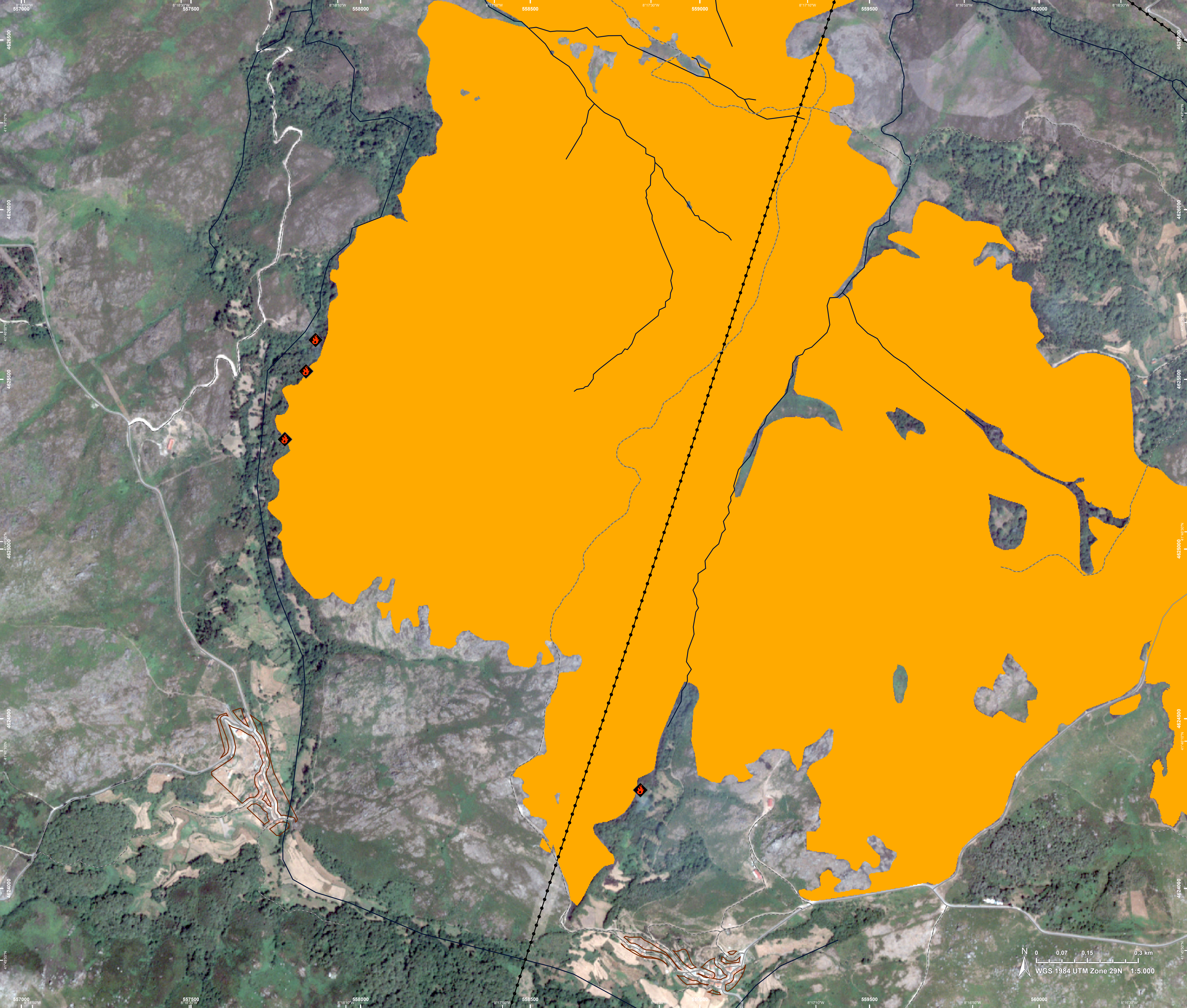
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Wildfire in Portugal


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Delineation MONIT03 - Detail map 03




Crisis Information


 Active Flames

 Burnt area


General Information

 Area of Interest


Built-Up Area


 Residential










Facilities

 Long-distance pipelines or lines

Transportation

 Local road

 Track

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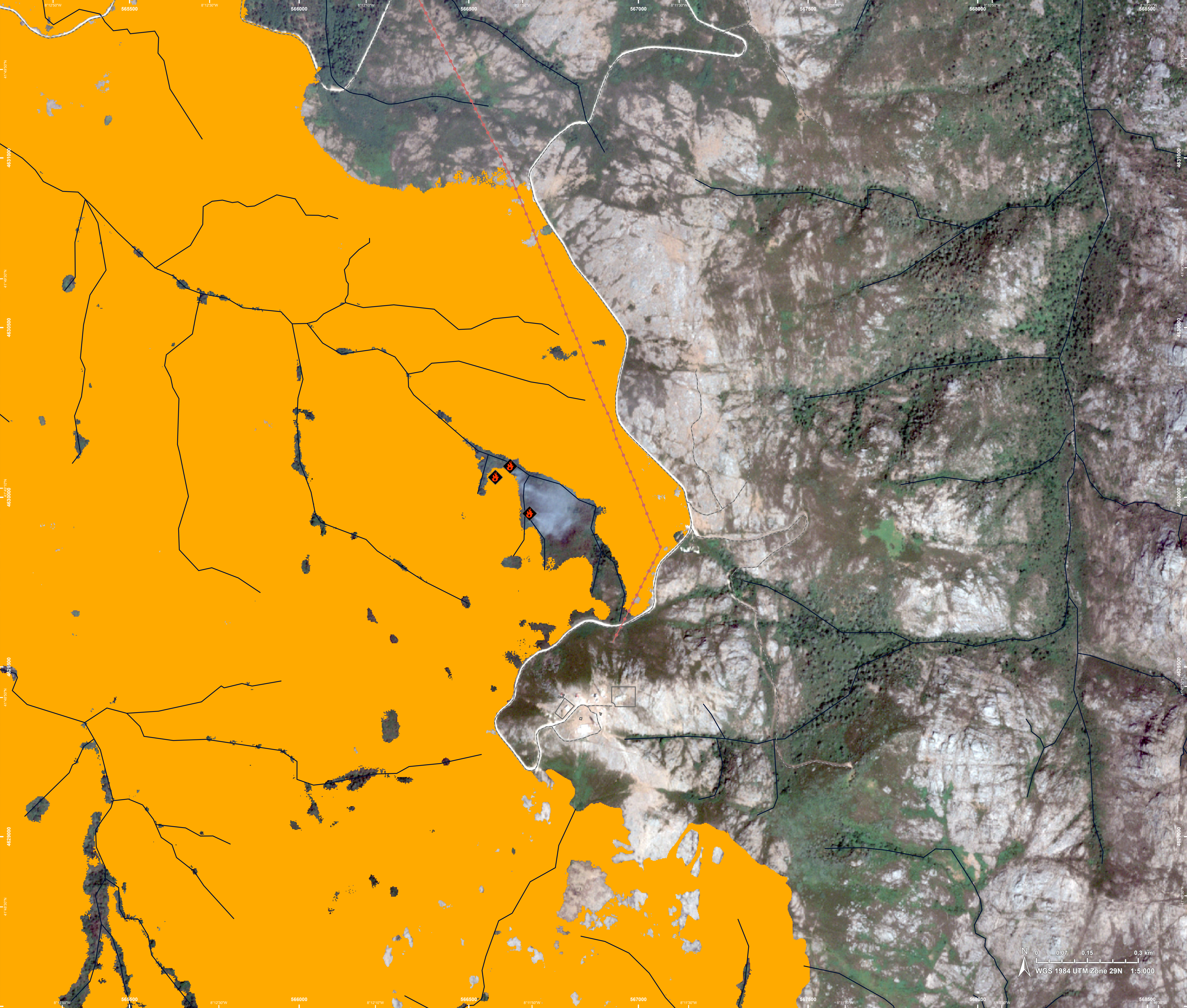
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Delineation MONIT03 - Detail map 04




Crisis Information


 Active Flames

 Burnt area


General Information

 Area of Interest


Built-Up Area







 Non residential

Facilities

 Local pipelines or lines

Transportation

 Track

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Consequences within the AOI				
	Unit of measurement		Affected	Total in AOI
Burnt area	ha			6.845,2
Active Flames	No.			12
Estimated population	Number of inhabitants		~ 40	~ 4.000
Built-up	Residential Buildings	ha	3,5	184,1
	Office buildings	ha	0	0,6
	Industrial buildings	ha	0	4,1
	School, university and research buildings	ha	0	0,1
	Cemetery	ha	0	1,2
Transportation	Primary Road	km	1,0	23,1
	Secondary Road	km	0	8,1
	Local Road	km	9,4	206,9
	Cart Track	km	60,0	327,9
Facilities	Settling Basin	ha	0	1,4
	Dams	ha	0	0,5
	Power plant constructions	ha	0	6,5
	Sport and recreation constructions	ha	0,01	0,9
	Long-distance pipelines, communication and electricity lines	km	21,8	84,8
	Local pipelines and cables	km	7,4	52,4
	Dams	km	0	0,2
Land use	Shrub and/or herbaceous vegetation association	ha	6.052,7	14.834,3
	Open spaces with little or no vegetation	ha	513,8	912,9
	Forests	ha	197,1	1.765,5
	Heterogeneous agricultural areas	ha	67,3	1.894,5
	Pastures	ha	12,9	374,0
	Other	ha	1,4	540,6
	Arable land	ha	0	96,1

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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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.

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 (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



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