



EMSR824 - AOI02


Wildfire in Portugal

PONTE DA BARCA

Situation as of 30/07/2025 11:51 UTC

Delineation - Overview map 01






Active Flames 19 No.

Fire Fronts 5.1 km


Burnt area 1,830.5 ha



Potentially affected population


~10

Potentially Affected Built-up and Transportations



Road


11.9 km





Built-Up


0.9 ha

Crisis Information


 Active Flames


 Fire Fronts


 Burnt area

 Previous burnt area


General Information

 Area of Interest


 Image Footprint


 Not Analysed


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	
	Jul 30, 11:51 UTC	Jul 31, 11:51 UTC	Aug 01, 11:51 UTC	
Wind direction and speed	 6 km/h	 9 km/h	 11 km/h	
Temperature and relative Humidity	 31°  31%	 33°  26%	 32°  29%	

Data retrieved from ECMWF on Jul 30, 11:51 UTC. Calculated at: 41.838°N, -8.136°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.

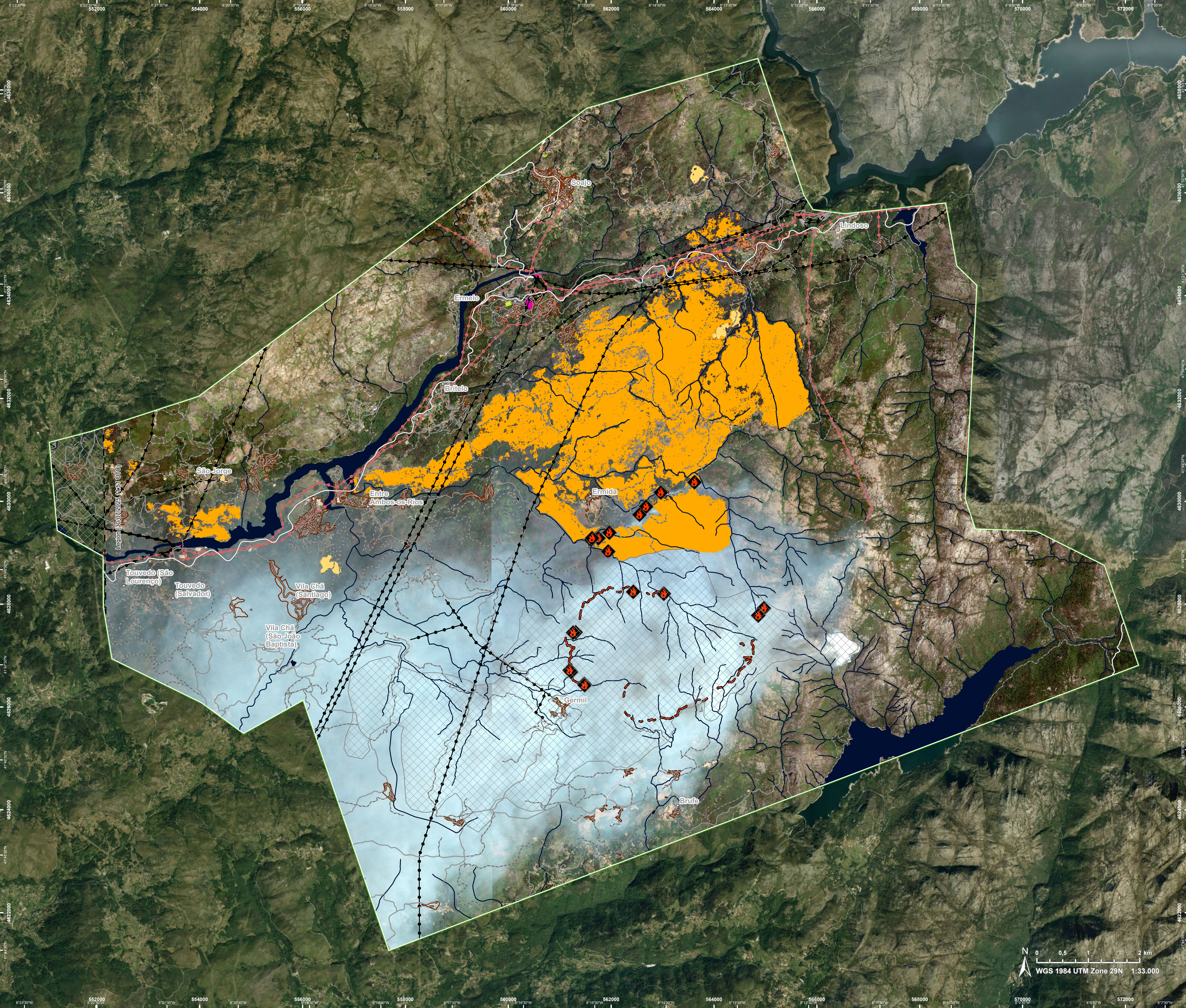
Data sources and analysis: Pre-event image: Sentinel-2 (2025) (acquired on 24/07/2025 at 11:21 UTC, resolution 10.0 m). Post-event image: Legion © Maxar Technologies, Inc. (2025), (acquired on 30/07/2025 at 11:51 UTC, resolution 1.6 m). This image is used as background image.

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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. Active flames and fire fronts are visible in the smoke even if the burnt area couldn't be properly delineated.

Map produced by e-GEOS released by e-GEOS on the 30/07/2025.

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



Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Burnt area		ha		1.830,5
Fire Fronts		km		5,1
Active Flames		No.		19
Estimated population	Number of inhabitants		~ 10	~ 4.000
Built-up	Residential Buildings	ha	0,9	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	1,0
Transportation	Primary Road	km	0,1	23,1
	Secondary Road	km	0	8,1
	Local Road	km	0,2	204,7
	Cart Track	km	11,6	325,9
Facilities	Settling Basin	ha	0	1,4
	Dams	ha	0,00	0,4
	Power plant constructions	ha	0	6,5
	Sport and recreation constructions	ha	0	0,9
	Long-distance pipelines, communication and electricity lines	km	8,3	84,8
	Local pipelines and cables	km	2,1	52,4
	Dams	km	0	0,2
Land use	Shrub and/or herbaceous vegetation association	ha	1.706,6	14.802,8
	Open spaces with little or no vegetation	ha	53,6	913,0
	Forests	ha	35,0	1.749,0
	Heterogeneous agricultural areas	ha	28,0	1.880,6
	Pastures	ha	6,9	374,0
	Other	ha	0,4	535,0
	Arable land	ha	0	95,3

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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