




EMSR824 - AOI03

Wildfire in Portugal


VILA REAL

Situation as of 06/08/2025 09:45 UTC
Delineation MONIT01 - Overview map 01





Active Flames 1 No.
Fire Fronts 0.3 km
Burnt area 2,825.0 ha



Potentially affected
population
~ 30

Potentially Affected Built-up and Transportations



Built-Up
0.3 ha



Road
63.3 km

Crisis Information

- Active Flames
- Fire Fronts
- Burnt area

General Information

- Area of Interest
- Image Footprint
- Not Analysed

Placenames

- Placename

Built-Up Area

- Residential
- Non residential

Hydrography










- Lake, River

Facilities

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

Transportation

- Highway
- Main road
- Local road
- Track

	Current	Forecast	
	Aug 06, 09:45 UTC	Aug 07, 09:45 UTC	Aug 08, 09:45 UTC
Wind direction and speed	 6 km/h	 4 km/h	 6 km/h
Temperature and relative Humidity	 26°  40%	 29°  32%	 28°  42%

Data retrieved from ECMWF on Aug 06, 09:45 UTC. Calculated at: 41.373°N, -7.851°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, Ponte da Barca and Vila Real, 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-2A/B (2025) (acquired on 27/07/2025 at 11:21 UTC, resolution 10 m).
Post-event image: Geosat-2 © GEOSAT (2025) (acquired on 06/08/2025 at 09:45 UTC, resolution 3.0 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 Telespazio Iberica released by e-GEOS on the 06/08/2025.

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

Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Burnt area		ha		2.825,0
Fire Fronts		km		0,3
Active Flames		No.		1
Estimated population		Number of inhabitants	~ 30	~ 7.000
Built-up	Residential Buildings	ha	0,2	255,3
	Wholesale and retail trade buildings	ha	0	0,1
	Industrial buildings	ha	0,01	35,3
	School, university and research buildings	ha	0	1,2
	Other non-residential buildings	ha	0	2,0
	Cemetery	ha	0,01	1,6
Transportation	Highways	km	0,02	69,1
	Primary Road	km	0	24,3
	Secondary Road	km	6,3	58,2
	Local Road	km	5,8	261,4
	Cart Track	km	51,2	652,9
Facilities	Dams	ha	0	0,6
	Constructions for mining or extraction	ha	0,6	0,6
	Sport and recreation constructions	ha	0,1	13,1
	Long-distance pipelines, communication and electricity lines	km	5,3	54,2
	Local pipelines and cables	km	0	4,8
Land use	Shrub and/or herbaceous vegetation association	ha	2.657,5	11.081,4
	Forests	ha	91,8	3.611,3
	Heterogeneous agricultural areas	ha	51,3	2.442,9
	Open spaces with little or no vegetation	ha	12,9	592,7
	Arable land	ha	5,9	1.199,6
	Pastures	ha	5,6	50,2
	Permanent crops	ha	0	60,7
	Other	ha	0	281,1

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

Digital Elevation Model (DEM) (Airbus, 2020).



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