



EMSR824 - AOI02

Wildfire in Portugal


PONTE DA BARCA

Situation as of 04/08/2025 11:05 UTC

Delineation MONIT05 - Overview map 01



 Active Flames 1 No.  
Burnt area 6,940.5 ha




 Potentially affected population  
~ 40

Potentially Affected Built-up and Transportations



 Built-Up  
3.8 ha

 Road  
72.2 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 04, 11:05 UTC   |         | Aug 05, 11:05 UTC   |   |
| Wind direction and speed          |    | 10 km/h |    | 11 km/h   |
| Temperature and relative Humidity |  35°  21% |         |  36°  22% |  34°  25% |

Data retrieved from ECMWF on Aug 04, 11:05 UTC. Calculated at: 41.831°N, -8.134°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: WorldView-2 © Maxar Technologies, Inc. (2025), (acquired on 04/08/2025 at 11:05 UTC, resolution 2 m).  
This image is used as background image.

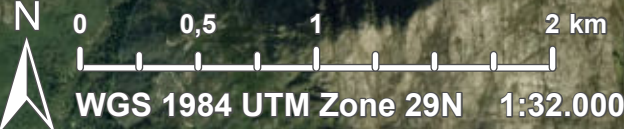
All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

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

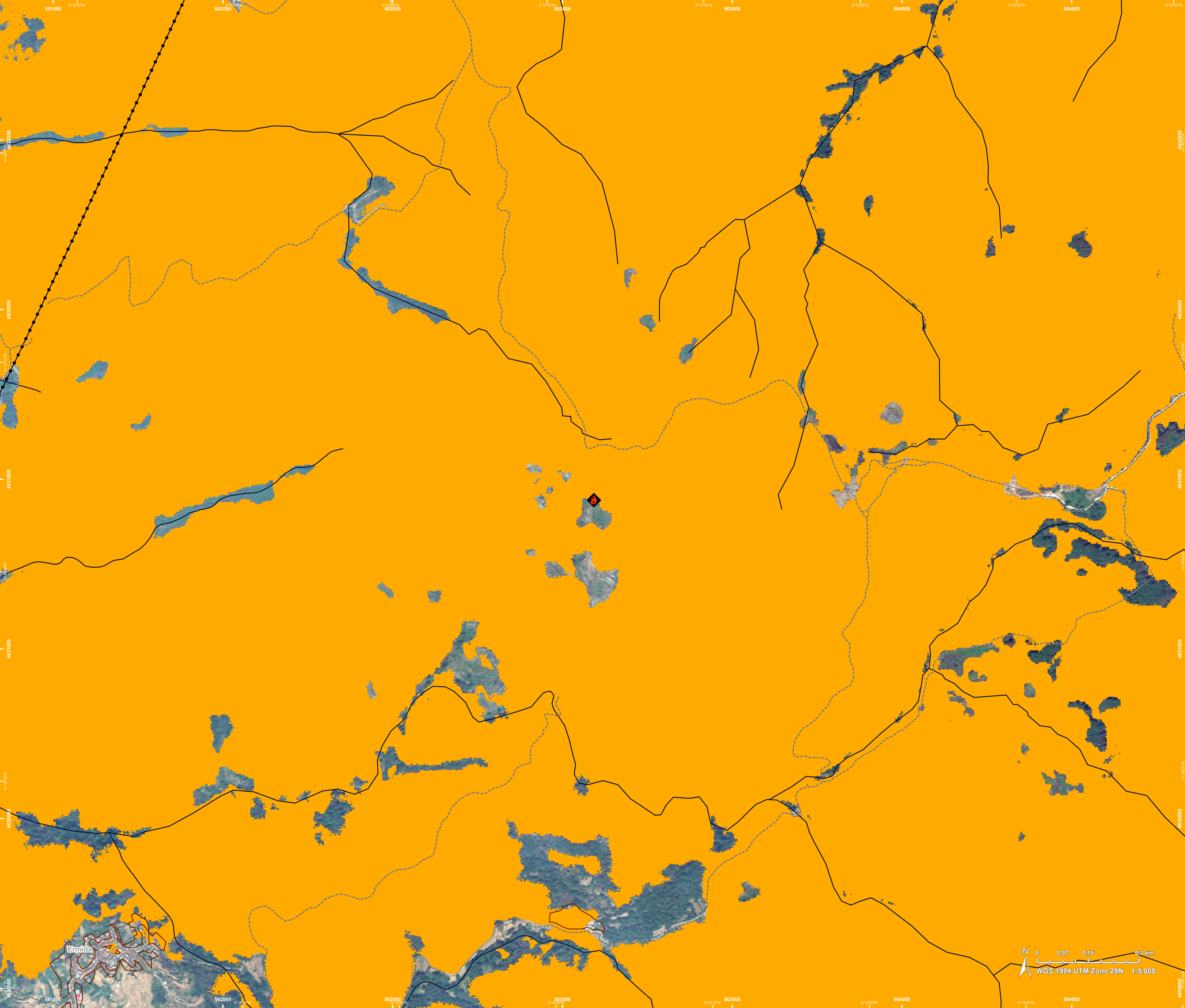
The current burnt area cumulates all burnt area extents from previous post-event products.


Map produced by e-GEOS released by e-GEOS on the 04/08/2025.

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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Wildfire in Portugal  
PONTE DA BARCA


Situation as of 04/08/2025 11:05 UTC  
Delineation MONIT05 - Detail map 02

- Crisis Information


 Active Flames


 Burnt area

General Information


 Area of Interest

Placenames


 Placename
- Built-Up Area


 Residential










Facilities

 Long-distance 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                  |          | 6.940,5      |
| Active Flames               |  | No.                 |          | 1            |
| Estimated population        | Number of inhabitants  |                     | ~ 40     | ~ 4.000      |
| Built-up                    | Residential Buildings  | ha                  | 3,8      | 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                  | 61,9     | 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                  | 22,5     | 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                  | 6.134,8  | 14.834,3     |
|                             | Open spaces with little or no vegetation                     | ha                  | 514,8    | 912,9        |
|                             | Forests  | ha                  | 204,8    | 1.765,5      |
|                             | Heterogeneous agricultural areas                             | ha                  | 68,8     | 1.894,5      |
|                             | Pastures   | ha                  | 15,8     | 374,0        |
|                             | Other  | ha                  | 1,5      | 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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