



EMSR760 - AOI02  
Wildfire in Portugal  
REGIAO NORTE E CENTRO

Situation as of 23/09/2024 11:34 UTC  
Delineation MONIT01 - Overview map 01



Burnt area 35,650.2 ha



Potentially affected population ~ 4500

Potentially Affected Built-up and Transportations



Built-Up

98.9 ha



Road

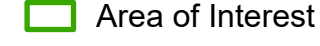
1,256.3 km

#### Crisis Information



Burnt area

#### General Information



Area of Interest

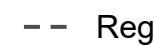


Image Footprint



Not Analysed

#### Administrative Boundaries



Region

#### Placenames



Placename

#### Built-Up Area



Residential

#### Hydrography

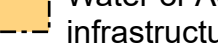
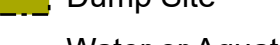
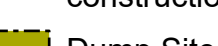
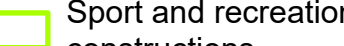
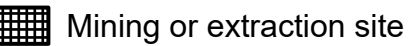








Lake, River

#### Facilities



Dam



	Current	Forecast
23 September 11:34 UTC	24 September 11:30 UTC	25 September 11:30 UTC
Wind direction and speed	 8 km/h	 7 km/h
Temperature and relative humidity	 15°  88%	 14°  91%

Data retrieved from ECMWF on September 23, 11:34 UTC. Calculated at: 40°46'25"N, 7°58'30"W.

**Event:** On the 15 September 2024, a wildfire started in the municipalities of Oliveira de Azemeis, Sever do Vouga and Albergaria-a-Velha, in Aveiro region. The fire expanded rapidly due to the high temperature and strong winds. Since the 18 September 2024, additional areas are impacted by wildfires as well. In the fire combat are actually present 5 300 operationals, 1 625 vehicles and 26 airplanes and helicopters. Fires are still very active. Copernicus EMS Rapid Mapping is requested to provide fire extent.

**Data sources and analysis:** Pre-event image: Sentinel-2A/B (2024) (acquired on 16/08/2024 at 11:21 UTC, resolution 10.0 m).  
Post-event image: WorldView-2 © Maxar Technologies, Inc. (2024), (acquired on 19/09/2024 at 11:56 UTC, resolution 2.0 m).  
GeoEye-1 © Maxar Technologies, Inc. (2024), (19/09/2024 at 11:21 and 11:56 UTC, resolution 2.0 m).  
WorldView-2 © Maxar Technologies, Inc. (2024), (acquired on 23/09/2024 at 11:34 UTC, resolution 2.0 m).  
This image is used as background image.  
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The thematic layer has been derived from post-event satellite image by means of visual interpretation.

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

Map produced by Telespazio Iberica released by SERTIT on the 24/09/2024.

Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR760>



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Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Burnt area		ha		35,650.2
Estimated population	Number of inhabitants		~ 4,500	~ 910,000
Built-up	Residential Buildings	ha	86.5	21,381.9
	Other non-residential buildings	ha	12.4	2,791.8
Transportation	Airfield runways	ha	0	1.5
	Heliport	ha	0	1.8
	Helipad	ha	0	0.9
	Airfield runways	km	0.01	0.9
	Highways	km	42.6	675.8
	Primary Road	km	25.8	1,243.6
	Secondary Road	km	33.3	921.1
	Local Road	km	190.3	9,126.0
	Cart Track	km	964.4	9,155.6
	Railway Yard	km	0	0.1
	Long-distance railways	km	0	206.2
Facilities	Settling Basin	ha	0	33.7
	Dams	ha	0	7.3
	Constructions for mining or extraction	ha	44.9	769.8
	Power plant constructions	ha	0	13.4
	Sport and recreation constructions	ha	4.3	947.4
	Other civil engineering works not elsewhere classified	ha	0	125.0
	Long-distance pipelines, communication and electricity lines	km	118.7	1,659.9
	Local pipelines and cables	km	23.6	820.2
	Dams	km	0.04	2.7
Land use	Shrub and/or herbaceous vegetation association	ha	25,448.0	149,753.5
	Forests	ha	6,906.3	66,154.8
	Heterogeneous agricultural areas	ha	2,608.6	97,155.7
	Open spaces with little or no vegetation	ha	277.2	2,184.2
	Other	ha	248.9	28,066.3
	Pastures	ha	77.5	1,182.9
	Arable land	ha	62.7	5,137.7
	Permanent crops	ha	20.9	13,345.7

**Disclaimer:**

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

<https://emergency.copernicus.eu/mapping/ems/online-manual-rapid-mapping-products>

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**Data Access:**

All data displayed on the map(s), as well as the Physiography and Land Use - Land Cover layers, 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.

Access to the portal

**Data Sources:**

Base Vector Layers: OpenStreetMap © OpenStreetMap contributors (2024), Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 ©EuroGeographics.

Inset Maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2015.

Digital Elevation Model: FABDEM (ForestAndBuildingsremovedCopernicusDEM) removes building and tree height biases from the Copernicus GLO 30



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