



**Situation as of 28/08/2023 09:28 UTC**  
Delineation MONIT06 - Overview map 01



**Active Flames 104 No.**  
**Fire Fronts 0.6 km**  
**Burnt area 80873.0 ha**

**Potentially affected population ~ 2500**

**Potentially Affected Built-up and Transportations**

**Railway 36.2 km**

**Road 1,723.0 km**

**Built-Up 73.6 ha**

**Crisis Information**

- Active Flames
- Fire Fronts
- Burnt area
- Previous burnt area (EMSR605) (27/07/2022 08:20 UTC)
- Area of Interest
- Administrative boundaries**
  - Municipality
- Placenames**
  - Placename
- Built-Up Area**
  - Residential
  - Non residential
  - School, university and research buildings
  - Hospital or institutional care buildings
  - Military

**Hydrography**

- River
- Stream
- Lake
- Reservoir
- River
- Facilities**
  - Long-distance pipelines or lines
  - Dam
  - Power plant
  - Sport and recreation constructions
  - Dam
- Transportation**
  - Highway
  - Main road
  - Local road
  - Track
  - Railway
  - Airfield runway
  - Airfield
  - Heliport

	Current		Forecast	
	28 August 09:28 UTC	29 August 09:28 UTC	30 August 09:28 UTC	30 August 09:28 UTC
Wind direction and speed	12 km/h	15 km/h	3 km/h	
Temperature and relative humidity	+ 22° 74%	+ 24° 58%	+ 24° 69%	

Data retrieved from ECMWF on August 28, 17:43 UTC. Calculated at: 28.082°N, 41.138°E.

**Event:**

A wildfire that started on Saturday, the 19th of August early in the morning (04:49 local time) in a forest area near Aristino village (East Macedonia and Thrace Region) is ongoing. Residents of the villages Aristino, Loutros, Agnadia, Antheia and Doriko were ordered to evacuate. Copernicus EMS Rapid Mapping is requested to provide fire extent and damage assessment emergency mapping.

**Data sources and analysis:**

Pre-event image: Sentinel-2A/B (2023), (acquired on 29/07/2023 at 09:05 UTC, resolution 10 m).  
SPOT6 @ Airbus DS (2022), (acquired on 27/07/2022 at 08:20 UTC, resolution 1.5 m).  
Post-event image: GeoEye @ Maxar Technologies, Inc. (2023), (acquired on 28/08/2023 at 09:28 UTC, resolution 2.0 m).  
This image was used as background image.  
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Base vector layers: OpenStreetMap © OpenStreetMap contributors (2023), 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.

Population data: GHS Population Grid © European Commission, 2023  
[https://ghsl.jrc.ec.europa.eu/ghs\\_pop2023.php](https://ghsl.jrc.ec.europa.eu/ghs_pop2023.php)

The thematic layer has been derived from post-event satellite image by means of visual interpretation. 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.

**Disclaimer:** Full disclaimer and other helpful information available in the online manual:  
<https://emergency.copernicus.eu/mapping/ems/online-manual-rapid-mapping-products>.

Map produced by SERTIT released by e-GEOS on the 29/08/2023.  
Details on this activation and service conditions available through the QR code or at the link:  
<https://rapidmapping.emergency.copernicus.eu/EMSR686/download>





Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Burnt area		ha		80 873.0
Active Flames		No.		104
Fire Fronts		km		0.6
Estimated population	Number of inhabitants		~ 2 500	~ 64 000
Built-up	Residential Buildings	ha	31.9	788.4
	Office buildings	ha	0.0	0.9
	Wholesale and retail trade buildings	ha	0.0	2.8
	Industrial buildings	ha	12.0	213.2
	School, university and research buildings	ha	0.3	16.4
	Hospital or institutional care buildings	ha	0.0	13.7
	Military	ha	28.8	340.1
	Cemetery	ha	0.7	14.2
Transportation	Airfield runways	ha	0.0	160.9
	Helipad	ha	0.0	0.2
	Airfield runways	km	0.0	3.3
	Highways	km	45.4	129.8
	Primary Road	km	11.0	66.0
	Secondary Road	km	17.0	75.8
	Local Road	km	167.8	852.1
	Cart Track	km	1 445.6	2 842.6
Facilities	Long-distance railways	km	36.2	94.4
	Dams	ha	0.0	0.0
	Power plant constructions	ha	22.4	72.2
	Sport and recreation constructions	ha	0.0	39.1
	Long-distance pipelines, communication and electricity lines	km	58.7	137.2
Land use	Dams	km	0.3	0.5
	Forests	ha	35 079.4	65 452.2
	Shrub and/or herbaceous vegetation association	ha	30 412.1	41 746.4
	Heterogeneous agricultural areas	ha	7 473.3	12 640.0
	Arable land	ha	5 801.4	23 216.8
	Other	ha	892.1	8 050.8
	Permanent crops	ha	844.4	1 852.6
	Pastures	ha	277.6	950.6
	Coastal wetlands	ha	66.2	1 557.2
	Open spaces with little or no vegetation	ha	26.5	167.8
	Inland wetlands	ha	0.0	39.1

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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



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