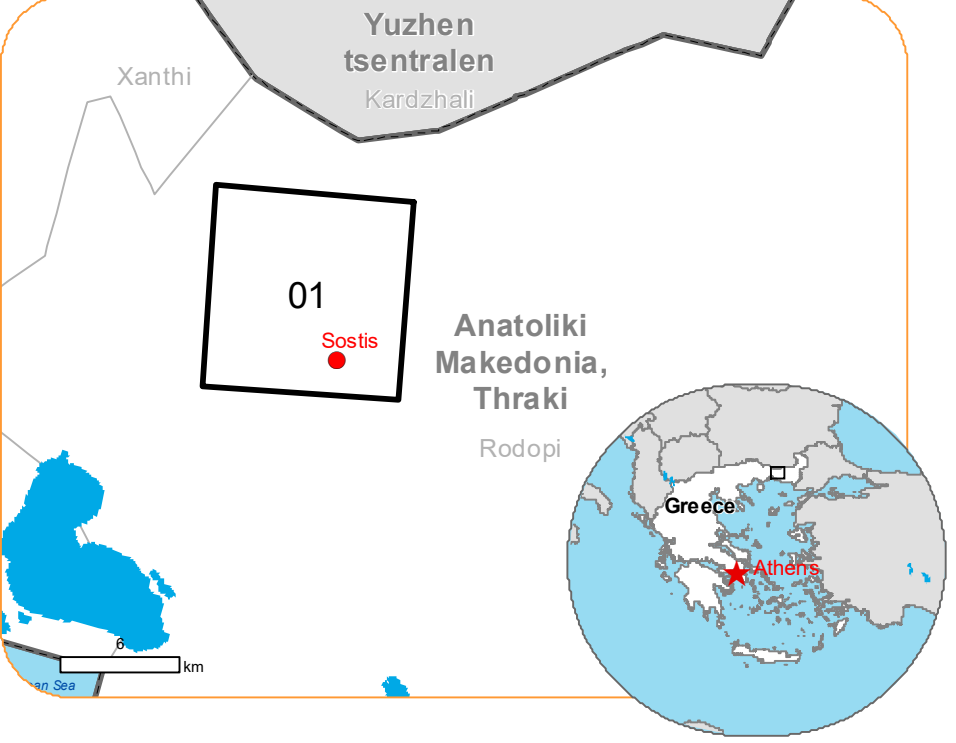


EMSR689 - AOI01
Wildfire in Rodopi, Greece
SOSTIS

Situation as of 03/09/2023 09:17 UTC
Delineation MONIT05 - Overview map 01



Active Flames 5 No.
Burnt area 2482,2 ha

Potentially affected population ~ 250

Potentially Affected Built-up and Transportations

Built-Up 1 No.
Railway 1.7 km
Road 58.7 km

- Crisis Information**
- Active Flames
 - Burnt area
 - Area of Interest
 - Not Analysed
- General Information**
- Area of Interest
 - Not Analysed
- Administrative boundaries**
- Municipality
- Placenames**
- Placename
- Built-Up Area**
- Non residential
 - Unclassified
- Hydrography**
- River
 - Stream
- Facilities**
- Long-distance pipelines or lines
 - Dam
 - Power plant
 - Sport and recreation constructions
- Transportation**
- Highway
 - Main road
 - Local road
 - Track
 - Railway

	Current		Forecast	
	03 Sept 09:17 UTC	04 Sept 09:17 UTC	05 Sept 09:17 UTC	
Wind direction and speed	19 km/h	14 km/h	30 km/h	
Temperature and relative Humidity	26° 37%	18° 75%	20° 66%	

Data retrieved from ECMWF on September 03, 12:23 UTC. Calculated at: 41°11'47" N, 25°16'18" E

Event: On the 21 August 2023 at 10:03 UTC, two wildfires started in two different forest areas near Sostis and Grathi villages in East Macedonia and Thrace Region. The fires are still ongoing. According to the Hellenic Fire Service 45 firefighters are currently operating, assisted by 1 ground force group, 23 vehicles, 6 water aircrafts and 1 helicopter. Copernicus EMS Rapid Mapping is requested to provide fire extent emergency mapping.

Data sources and analysis: Pre-event image: Sentinel-2B (2023) (acquired on 03/08/2023 at 09:06 UTC, resolution 10.0 m). Post-event image: WorldView-2 © Maxar Technologies, Inc. (2023), (acquired on 03/09/2023 at 09:17 UTC, resolution 2.0 m). This image is used as background image. All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

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

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 ITHACA released by e-GEOS on the 03/09/2023.

Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR689>

Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Burnt area		ha		2.482,2
Active Flames		No.		5
Estimated population	Number of inhabitants		~ 250	~ 2.600
Built-up	Communication buildings, stations, terminals and associated buildings	No.	1	1
	Unclassified	No.	0	4
Transportation	Highways	km	0,0	9,3
	Secondary Road	km	1,9	16,5
	Local Road	km	10,3	65,1
	Cart Track	km	46,6	166,5
	Long-distance railways	km	1,7	11,9
Facilities	Power plant constructions	ha	1,1	1,1
	Sport and recreation constructions	ha	0,0	1,4
	Long-distance pipelines, communication and electricity lines	km	1,0	14,2
	Dams	km	0,0	0,1
Land use	Forests	ha	2.054,2	5.102,2
	Arable land	ha	204,3	1.378,9
	Shrub and/or herbaceous vegetation association	ha	191,3	2.771,6
	Heterogeneous agricultural areas	ha	18,0	365,4
	Other	ha	14,4	298,3
	Pastures	ha	0,0	73,6
	Open spaces with little or no vegetation	ha	0,0	261,7

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.

Access to
the portal



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