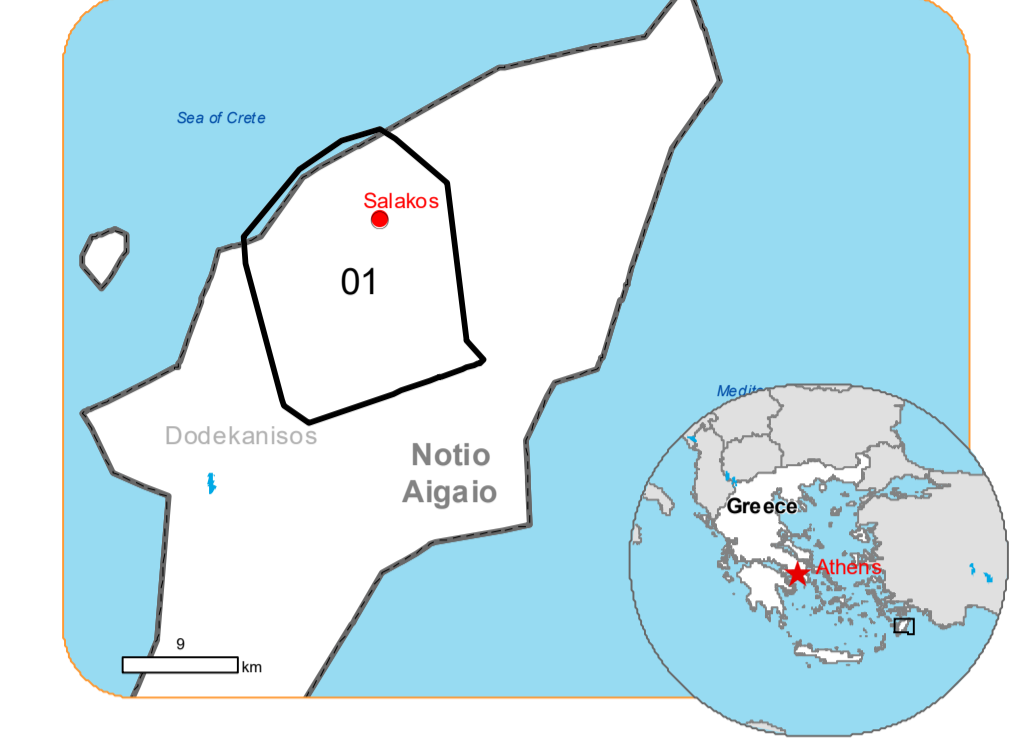


EMSR675 - AOI01
 Wildfire in Greece
 SALAKOS

Situation as of 22/07/2023 09:21 UTC
 Delineation MONIT02 - Overview map 01



Active Flames 16 No.
 Burnt Area 2.712,3 ha
 Potentially affected population ~10

Potentially Affected Transportations

Road
 46,3 km

- | | |
|---|------------------------------------|
| Crisis Information | Facilities |
| Active Flames | Long-distance pipelines or lines |
| Burnt area | Local pipelines or lines |
| Area of Interest | Dam |
| Placenames | Mining or extraction site |
| Placename | Power plant |
| Built-Up Area | Sport and recreation constructions |
| Residential | Water or Aquatic infrastructure |
| Non residential | Transportation |
| School, university and research buildings | Main road |
| Hospital or institutional care buildings | Local road |
| | Track |
| | Helipad |
| Hydrography | |
| Coastline | |
| River | |
| Stream | |
| Lake | |
| Reservoir | |

	Current		Forecast	
	22 July 09:21 UTC	23 July 12:00 UTC	24 July 12:00 UTC	24 July 12:00 UTC
Wind direction and speed	14 km/h	18 km/h	18 km/h	25 km/h
Temperature and relative Humidity	33° 27%	40° 34%	38° 24%	38° 24%

Data retrieved from ECMWF on July 22, 17:00 UTC. Calculated at: 36°11'9"N, 27°55'55"E.

Event:
 A wildfire started in the afternoon of 18 July in a forest area of Rodos Island and is still ongoing. Residents of the villages of Eleousa, Salakanos and Dimilia were ordered to evacuate. According to the Hellenic Fire Service, 86 firefighters are currently operating in the area, assisted by 3 ground force groups, 28 vehicles, 3 water-bombing aircraft and 3 helicopters. Personnel and means of municipalities, regions, armed forces and groups of volunteers are assisting. Copernicus EMS Rapid Mapping is requested to provide an initial rough estimation, to support the monitoring and assessment of the extent of the wildfire and the damage caused.

Data sources and analysis:
 Pre-event image: Sentinel-2A/B (2023) (acquired on 08/07/2023 at 08:46 UTC, resolution 10.0 m).
 Post-event image: Pleiades-1A/B (2023), distributed by Airbus DS (acquired on 22/07/2023 at 09:21 UTC, resolution 2 m). This image is 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, 2022
https://ghsl.jrc.ec.europa.eu/ghs_pop2022.php
 Digital Elevation Model: COP-DEM-EEA-10-R product © DLR e.V. (2014-2018) and © Airbus Defence and Space GmbH (2020) provided under COPENICUS by the European Union and ESA, all rights reserved.

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 22/07/2023.

Details on this activation and service conditions available through the QR code or at the link: <https://emergency.copernicus.eu/EMSR675>



Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Burnt area		ha		2.712,3
Active Flames		No.		16
Estimated population	Number of inhabitants		~ 10	~ 3.800
Built-up	Residential Buildings	ha	0,0	22,0
	Wholesale and retail trade buildings	ha	0,0	0,2
	Industrial buildings	ha	0,0	3,7
	School, university and research buildings	ha	0,0	0,7
	Hospital or institutional care buildings	ha	0,0	0,1
	Cemetery	ha	0,0	1,1
Transportation	Helipad	ha	0,0	0,1
	Primary Road	km	0,0	0,2
	Secondary Road	km	5,8	133,8
	Local Road	km	0,0	92,7
	Cart Track	km	40,5	444,4
Facilities	Settling Basin	ha	0,0	0,4
	Constructions for mining or extraction	ha	0,0	27,0
	Power plant constructions	ha	0,0	1,4
	Sport and recreation constructions	ha	0,0	5,6
	Long-distance pipelines, communication and electricity lines	km	0,0	1,0
	Local pipelines and cables	km	0,0	9,1
	Dams	km	0,0	0,2
Land use	Shrub and/or herbaceous vegetation association	ha	1.810,5	13.878,1
	Heterogeneous agricultural areas	ha	450,7	5.510,4
	Forests	ha	362,1	4.806,9
	Permanent crops	ha	89,1	3.259,6
	Other	ha	0,0	1.468,0
	Arable land	ha	0,0	28,9
	Open spaces with little or no vegetation	ha	0,0	787,2

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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