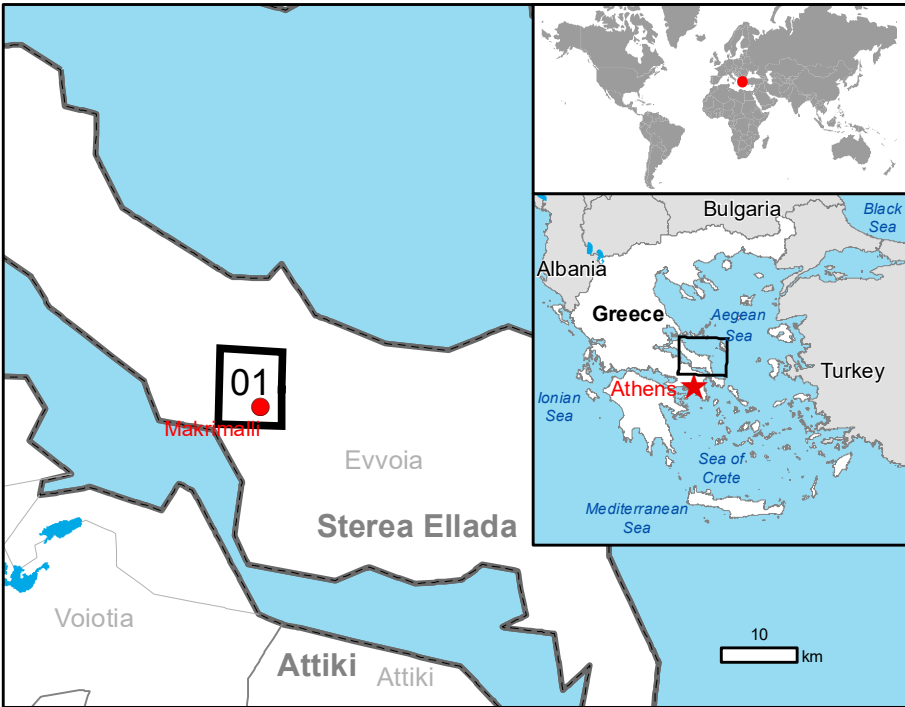


GLIDE number: N/A Activation ID: EMSR380
Int. Charter call ID: N/A Product N.: 01MAKRIMALLI, v1

Makrimalli - GREECE

Wildfire - Situation as of 14/08/2019
Delineation - Overview map 01



Cartographic Information

1:20000 Full color A1, 200 dpi resolution
0 0.5 1 2 km
Grid: WGS 1984 UTM Zone 34N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

- Crisis Information**

 - Active Flames
 - Burnt Area (14/08/2019 09:03 UTC)
 - Area of Interest

Placenames

 - Placename
 - Residential
- Hydrography**

 - River
 - Stream
 - Lake

Transportation

 - Primary Road
 - Secondary Road
 - Local Road
 - Cart Track

Consequences within the AOI		Unit of measurement		Affected	Total in AOI
Burnt area		km ²		2087.9	
Active flames		No.		6	2855
Estimated population		Number of inhabitants		51	6
Settlements	Residential	km ²	0.1	5.6	
	Primary Road	km	0.0	3.1	
	Secondary Road	km	4.9	20.7	
	Local Road	km	4.9	64.3	
Transportation	Cart Track	km	40.9	306.6	
Land use	Arable land	km ²	12.0	827.3	
	Permanent crops	km ²	70.0	741.7	
	Heterogeneous agricultural areas	km ²	87.2	930.6	
	Forests	km ²	861.3	2166.1	
	Shrub and/or herbaceous vegetation association	km ²	101.4	3056.6	
	Other	km ²	0.1	305.5	

Map Information

On 13/08/2019 a forest fire broke out in Evia Island, 70 km North-Northeast from Athens. Residents of the villages of Makrimalli, Kondodespotoi, Stavros and Platanias have been relocated as a preventative measure. According to Fire Service, 227 personnel with 75 vehicles, 7 hand crew fire-fighters groups, 6 fire fighting airplanes and 5 firefighting helicopters are involved in the operation to bring the fire under control. Furthermore, there has been an official request for international assistance through the EU Civil Protection Mechanism.

The present map shows the fire delineation in the area of Makrimalli (Greece). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy (RMSE) is 5 m or better, from native positional accuracy of the background satellite image.

Relevant date records (UTC)

Event	13/08/2019 03:15	Situation as of	14/08/2019 09:03
Activation	13/08/2019 15:06	Map production	14/08/2019

Data sources

Pre-event image: Sentinel-2A/B (2019) (acquired on 09/08/2019 at 09:17 UTC, GSD 10 m, approx. 0% cloud coverage in AOI, 0° off-nadir angle) provided under COPERNICUS by the European Union and ESA.

Post-event image: SPOT7 © Airbus DS (2019), (acquired on 14/08/2019 at 09:03 UTC, GSD 2.5 m, approx. 01% cloud coverage in AOI, 26.3° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2012, Global Administrative Areas (2012), refined by the producer.

Inset maps: JRC 2013, EuroBoundaryMap 2017 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2013.

Population data: GHs Population Grid © European Commission, 2015
http://data.europa.eu/89h/jrc-ghs-ghs_pop_gpw4_globe_r2015a.

Disclaimer

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Delivery formats are Layered Geospatial PDF, GeoJPEG and vector (ESRI shapefiles, Google Earth KML, GeoJSON).

Map produced by GAF AG released by e-GEOS (ODO).

For the latest version of this map and related products visit <http://emergency.copernicus.eu/EMSR3810>

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