

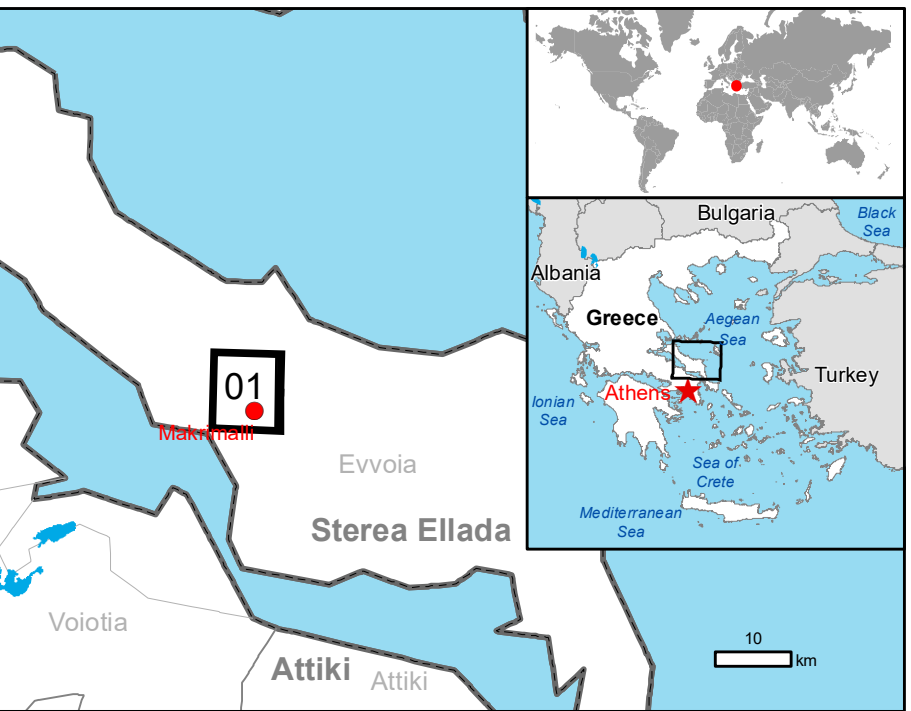
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Activation ID: EMSR380
Product N.: 01MAKRIMALI, v2

Makrimali - GREECE

Wildfire - Situation as of 17/08/2019

Delineation map - MONIT01



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**
 - Burnt Area (17/08/2019 09:23 UTC)
 - Area of Interest
 - Not Analysed
- General Information**
 - Placename
- Built-Up Area**
 - Residential
- Transportation**
 - Primary Road
 - Secondary Road
 - Local Road
 - Cart Track
- Hydrography**
 - River
 - Stream
 - Lake

Consequences within the AOI			
	Unit of measurement	Affected	Total in AOI
Burnt area	ha	2580.5	
Estimated population	Number of inhabitants	55	3085
Settlements	Residential	ha	0.1
	Primary Road	km	0.0
	Secondary Road	km	4.9
	Local Road	km	4.6
Land use	Cart Track	km	71.2
	Arable land	ha	12.0
	Permanent crops	ha	76.2
	Heterogeneous agricultural areas	ha	97.2
Land use	Forests	ha	1091.0
	Shrub and/or herbaceous vegetation association	ha	1304.0
	Other	ha	0.1

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 Makrimali, Kondodespotei, 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 Makrimali (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	17/08/2019 09:23
Activation	13/08/2019 15:06	Map production	19/08/2019

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: WorldView-2 © Digital Globe, Inc. (2019), (acquired on 17/08/2019 at 09:23 UTC, GSD 0.5 m, approx. 11% cloud coverage in AOI, 9° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, 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-pop_gpwk_globe_2015a.

Disclaimer

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

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

Map produced by GAF AG released by SERTIT (ODO).

For the latest version of this map and related products visit
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