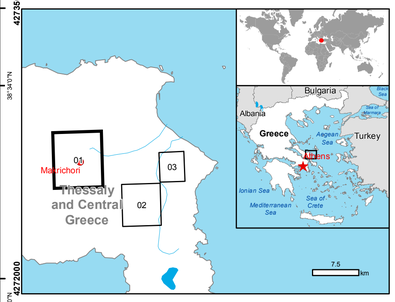
GLIDE number: N/A
Int. Charter call ID: N/A

Activation ID: EMSR369
Product N.: 01MAKRICHORI, v2

Makrichori - GREECE

Wildfire - Situation as of 06/07/2019

Grading - Overview map 01



Cartographic Information

1:17000

Full color A1, 200 dpi resolution

0 0.25 0.5 1 km

N

Grid: WGS 1984 UTM Zone 34N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

Crisis Information

Built Up Grading
- Possibly damaged

Transportation Grading
- Road, Possibly damaged
- Road, No visible damage

Land Use-Cover Grading
- Destroyed
- Damaged
- Possibly damaged

General Information
- Area of Interest

Sensor Metadata
- Not Analysed

Placenames
- Placename

Hydrography
- River
- Stream
- Lake

Land use - Land Cover
Features available in the vector package

Physiography
Features available in the vector package

Consequences within the AOI

		Unit of measurement	Destroyed	Damaged	Possibly damaged	Total affected	Total in AOI
Burnt area		ha				498.2	
Estimated population		Number of inhabitants				7	320
Settlements	Residential	ha				0.4	27.1
Transportation	Local Road	km	0.0	0.0	1.3	1.3	46.1
	Cart Track	km	0.0	0.0	20.9	20.9	274.5
Facilities	Dam	No.	0.0	0.0	0.0	0.0	1.0
Land use	Arable land	ha	0.0	0.0	0.0	0.0	95.6
	Heterogeneous agricultural areas	ha	24.3	155.9	19.1	179.3	2778.5
	Forests	ha	0.0	0.0	0.0	0.0	141.9
	Shrub and/or herbaceous vegetation association	ha	55.8	240.8	22.3	318.9	4011.2
	Open spaces with little or no vegetation	ha	0.0	0.0	0.0	0.0	178.8

Map Information

A forest fire broke out on July 04 in Evia Island, 70 km North-Northeast from Athens. Residents of the villages of Makrichori, Neochori, Dafni, Gavalas and Lofiskos have been relocated as a preventative measure. According to Fire Service 46 personnel with 36 vehicles, plus 30 hand crew firefighters and 8 volunteers, plus 7 firefighting airplanes and 4 firefighting helicopters, are involved in the operation to bring the fire under control.

The present map shows the damage grade assessment in the area of Makrichori (Greece). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy (RMSE) is 3 m or better, from native positional accuracy of the background satellite image.

Relevant date records (UTC)

Event	04/07/2019 11:20	Situation as of	06/07/2019 09:05
Activation	05/07/2019 09:07	Map production	08/07/2019

Data sources

Pre-event image: SPOT7 © Airbus DS (2018), (acquired on 03/07/2018 at 08:46 UTC, GSD 1.5 m, approx. 0% cloud coverage in AoI, 12.2° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.
Post-event image: SPOT6 © Airbus DS (2019), (acquired on 06/07/2019 at 09:05 UTC, GSD 1.5 m, approx. 10% cloud coverage in AoI, 29.9° 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-ghsl-ghs_pop_gpw4_globe_r2015a.
Digital Elevation Model: SRTM (90 m) (NASA/USGS)

Disclaimer

Products elaborated in this Copernicus EMS Rapid Mapping activity are realized to the best of our ability, within a very short time frame, optimising the available data and information. All geographic information has limitations due to scale, resolution, date and interpretation of the original sources. No liability concerning the contents or the use thereof is assumed by the producer and by the European Union.

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/EMSR369

jrc-ems-rapidmapping@ec.europa.eu

Copernicus
Europe's eyes on Earth