

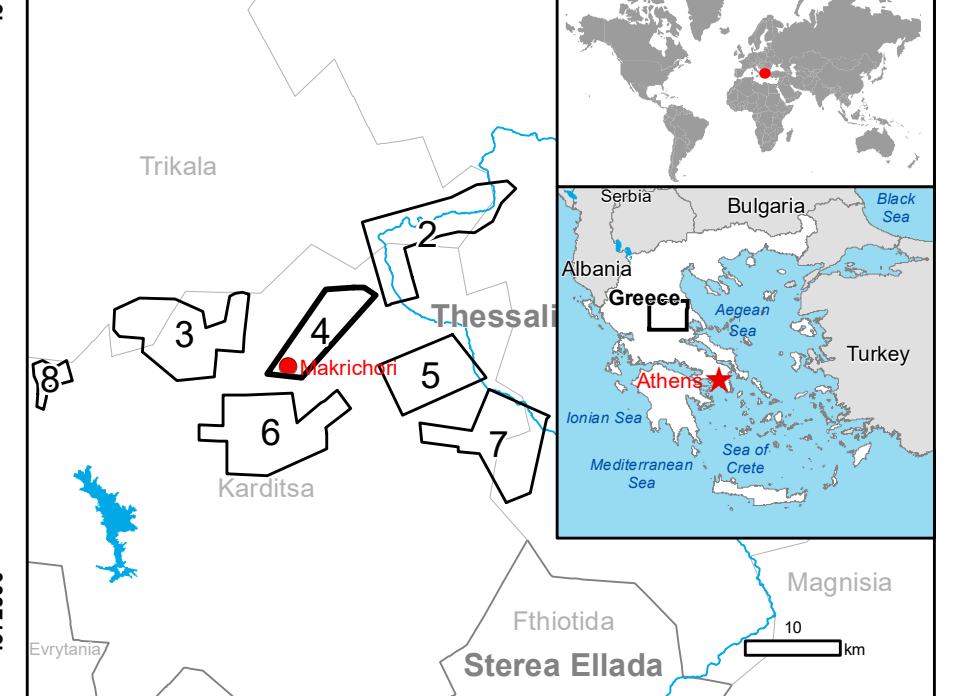
GLIDE number: N/A
Int. Charter call ID: N/A

Activation ID: EMSR465
Product N.: 04Makrichori, v1

Makrichori - GREECE

Flood - Situation as of 24/09/2020

Grading - Overview map 01



Cartographic Information

1:18000 Full color A1, 200 dpi resolution

0 0.3 0.6 1.2 km

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

Legend	
Crisis Information	Transportation Grading
■ Flooded Area (24/09/2020 09:51 UTC)	— Road, Destroyed
— Flood trace	— Road, Damaged
■ Damaged	— Road, Possibly damaged
— Possibly damaged	— Secondary Road, No visible damage
	— Local Road, No visible damage
	— Cart Track, No visible damage
	Facilities Grading
	■ Possibly damaged
	General Information
	— Area of Interest
	Administrative boundaries
	— Municipality
	Placenames
	○ place name
	Hydrography
	— River
	— Stream
	Physiography & Land Use - Land Cover
	Features available in the vector package

Consequences within the AOI		Unit of measurement		Destroyed	Damaged	Possibly damaged	Total	Total in AOI
Flooded area		ha						481.5
Flood trace		km						263.1
Estimated population		Number of inhabitants						2020
Residential buildings		No.	0	1	5	6	6	
Transportation		km	0.0	0.0	0.0	0.0	0.0	2.4
Local Road		km	0.0	0.0	1.5	1.5	3.0	56.7
Cart Track		km	0.0	0.0	15.2	15.2	30.0	286.3
Facilities		No.	0.0	0.0	0.1	0.1	0.1	0.1
Other civil engineering works not elsewhere classified		No.	0.0	0.0	0.1	0.1	0.1	0.1

Map Information

Due to extensive rainfall caused by the Mediterranean hurricane (Medicane) "Ianos", many areas of Thessaly region have been flooded since 18/09/2020 18:30 UTC. Extensive damage is reported in agricultural land, urban areas of Fanaia, Mouzaki and Karditsa cities and also on the road network of the wider area. At least two people died and two are declared as missing. The Fire Service has received 630 calls for help and has proceeded to 450 rescue operations and 120 flood water pumping operations in urban areas.

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 by means of visual interpretation. The estimated geometric accuracy (RMSE) is 6.25 m or better, from native positional accuracy of the background satellite image.

Relevant date records (UTC)

Event	18/09/2020 18:30	Situation as of	24/09/2020 09:51
Activation	19/09/2020 09:46	Map production	25/09/2020

Data sources

Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 14/11/2016, GSD 0.5 m, approx. 0% cloud coverage in AOI).
Post-event image: Pleiades-1A © CNES (2020), distributed by Airbus DS (acquired on 24/09/2020 at 09:51 UTC, GSD 0.5 m, approx. 0% cloud coverage in AOI, 46° 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, 2019
https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php
Digital Elevation Model: EU-DEM (25 m)

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 ITHACA released by e-GEOS (ODO).

For the latest version of this map and related products visit
<https://emergency.copernicus.eu/EMSR465>

jrc-ems-rapidmapping@ec.europa.eu
© European Union
For full Copyright notice visit <https://emergency.copernicus.eu/mapping/ems/cite-copernicus-ems-mapping-portal>