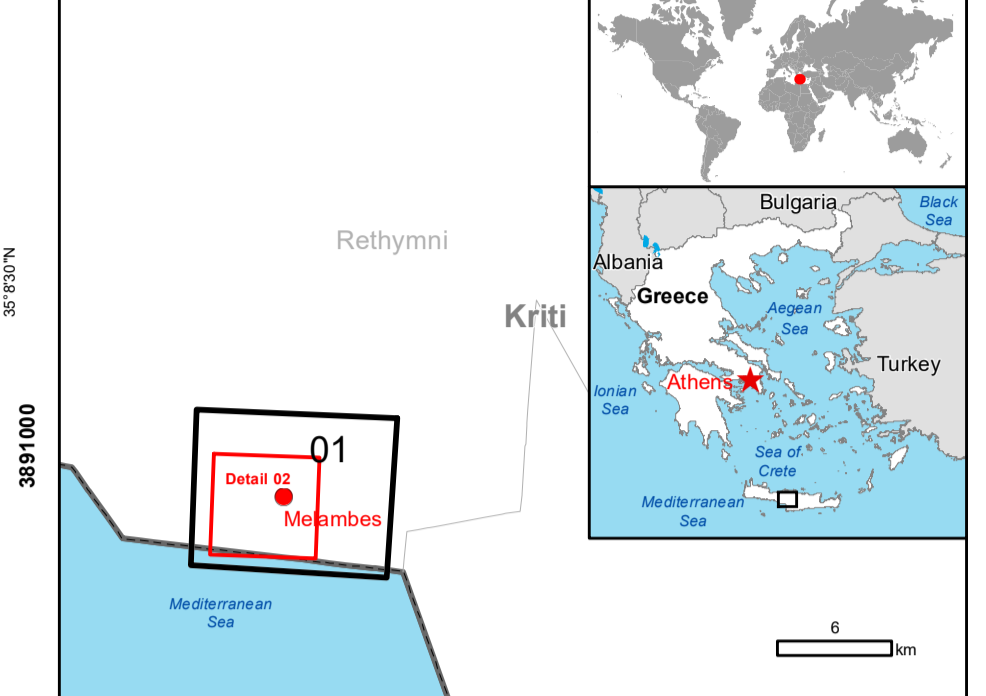


Melambes - GREECE
Wildfire - Situation as of 19/07/2022
 Grading MONIT01 - Detail Map 02



Cartographic Information

1:10000 Full color A1, 200 dpi resolution
 0 0.125 0.25 0.5 km
 Grid: WGS 1984 UTM Zone 35N map coordinate system
 Tick marks: WGS 84 geographical coordinate system

Legend

- Crisis Information**
- Built Up Grading**
 - Yellow square: Damaged
 - Orange square: Possibly damaged
- Transportation Grading**
 - Grey line: Primary Road, No visible damage
 - Light grey line: Secondary Road, No visible damage
 - Dark grey line: Local Road, No visible damage
 - Black dashed line: Cart Track, No visible damage
- Facilities Grading**
 - Orange square: Damaged
 - Red square: Possibly damaged
- Land Use-Cover Grading**
 - Yellow: Damaged
 - Red: Possibly damaged
- General Information**
 - Green square: Area of Interest
- Hydrography**
 - Blue line: Coastline
 - Blue line: Stream
 - Blue line: Lake
 - Light blue area: Open Water

Map Information

A forest fire started near Ornes village in Rethymno regional unit (Crete, Greece) on Friday morning, burning forest, scrub and cultivated fields. Residents in the village of Melambes were ordered to evacuate. Copernicus EMS Mapping products will be used mainly by local authorities (Forest Service, Fire Service, Region of Crete, municipalities) for recovery and restoration planning of the affected area.

The present map shows the fire damage grade assessment in the area of Melambes (Greece). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The scale of analysis is 1:10000. The estimated geometric accuracy (RMSE) is 20 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 2500 sq m.

Relevant date records (UTC)

Event	15/07/2022 14:00	Situation as of	19/07/2022 09:20
Activation	17/07/2022 09:17	Map production	27/07/2022

Data sources

Pre-event image: WorldView-2 © DigitalGlobe Digital Globe, Inc. (2021), (acquired on 03/08/2021 at 09:08 UTC, GSD 0.5 m, approx. 0% cloud coverage in AoI, 11.3° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, all rights reserved.

Post-event image: Pleiades-1A/B © CNES (2022), distributed by Airbus DS (acquired on 18/07/2022 at 09:09 UTC, GSD 2 m, approx. 0% cloud coverage in AoI, 18.2° off-nadir angle) and Sentinel-2A/B (2022) (acquired on 19/07/2022 at 09:20 UTC, GSD 10 m, approx. 0% cloud coverage in AoI) provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2022), Wikimapia.org, GeoNames 2015 Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 © EuroGeographics, refined by the producer.

Inset maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EURC2007, GeoNames 2015.

Population data: GHS Population Grid © European Commission, 2019 https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php

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-Gaos (ODO).

For the latest version of this map and related products visit <https://emergency.copernicus.eu/EMSR593>

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