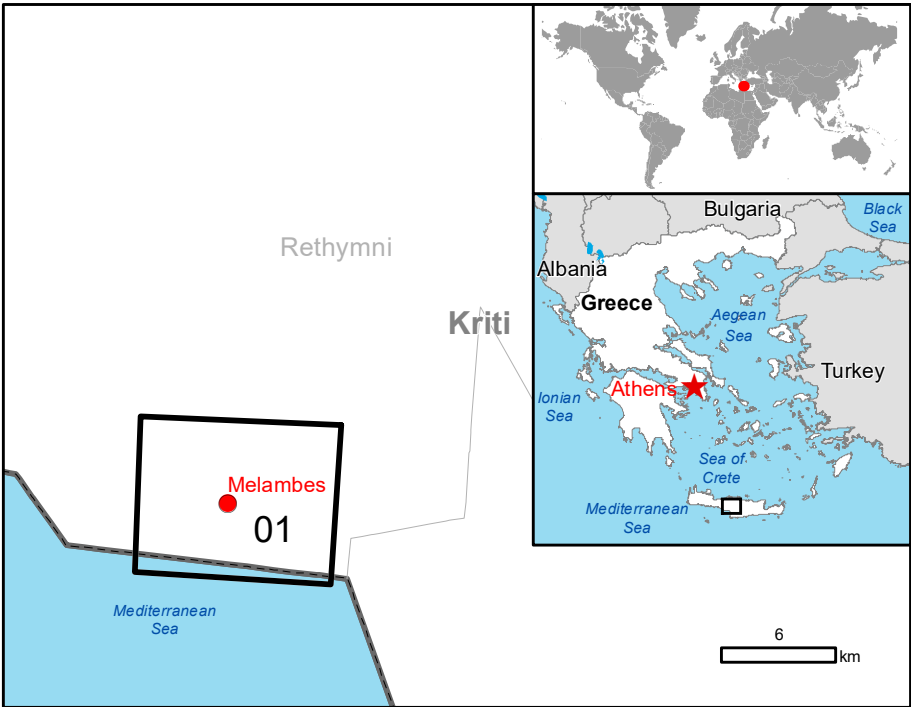


## Melambes - GREECE

### Wildfire - Situation as of 19/07/2022

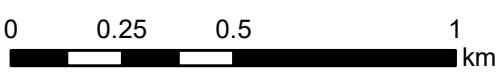
#### Grading MONIT01 - Overview Map 01



#### Cartographic Information

1:17000

Full color A1, 200 dpi resolution



Grid: WGS 1984 UTM Zone 35N map coordinate system  
Tick marks: WGS 84 geographical coordinate system



#### Legend

<b>Crisis Information</b>	<b>Facilities Grading</b>	<b>Hydrography</b>
<b>Built Up Grading</b>	<b>Land Use-Cover Grading</b>	
Damaged	Damaged	Coastline
Possibly damaged	Damaged	River
<b>Transportation Grading</b>	Possibly damaged	Stream
Primary Road, No visible damage	<b>General Information</b>	Lake
Secondary Road, No visible damage	Area of Interest	Open Water
Local Road, No visible damage	Detail map	
Cart Track, No visible damage	<b>Administrative boundaries</b>	
	Municipality	

Consequences within the AOI					
	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Burnt area	ha				2,021.7
Estimated population				184	1,746
Built-up	No	0	98	43	141
Transportation	km	0.0	0.0	0.0	0.0
Facilities	ha	0.0	0.5	0.0	0.5
Land use	ha	0.0	160.4	1,861.3	2,021.7

\* Presence of damage proxies and proximity with destroyed/damaged asset  
\*\* Sum of Destroyed, Damaged and Possibly damaged  
Full table available in the vector package

#### Map Information

A forest fire started near Ormes 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 3 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, GISC0 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EURC2007, GeoNames 2015.

Population data: GH5 Population Grid © European Commission, 2019  
[https://ghsl.jrc.ec.europa.eu/ghs\\_pop2019.php](https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php)

#### 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  
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