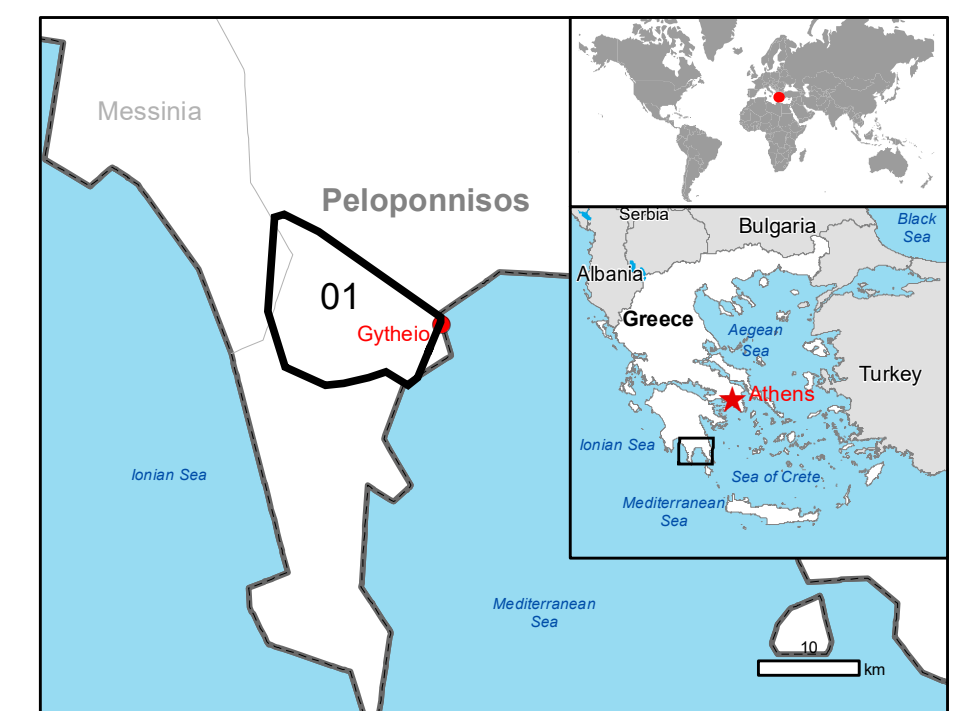


East Mani - GREECE

Wildfire - Situation as of 13/08/2021 Grading - Overview map 01



Cartographic Information

1:32000 Full color A1, 200 dpi resolution



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

Legend

Crisis Information Built Up Grading ■ Destroyed ■ Damaged ■ Possibly damaged Transportation Grading — Primary Road, No visible damage — Secondary Road, No visible damage — Local Road, No visible damage — Cart Track, No visible damage	Facilities Grading ■ Possibly damaged Land Use-Cover Grading ■ Destroyed ■ Damaged ■ Possibly damaged General Information ■ Area of Interest ■ Not Administrative boundaries - - - Municipality	Placenames ○ Placename Hydrography — Coastline — River — Stream — Lake Physiography & Land Use - Land Cover Features available in the vector package
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Compendium within the AOI	Unit of measurement	Unit of measurement				Total	Total in AOI
		Destroyed	Damaged	Possibly damaged	Total		
Burnt area	No.				1 398	3 916	
Population	Number of inhabitants				768	768	
Buildings							
Residential buildings	No.	47	224	317	588	588	
Building point	No.	48	86	335	469	469	
Unbuilt area	No.	2	0	28	30	30	
Transportation							
Primary Road	km	0.0	0.0	0.3	0.3	15.3	
Secondary Road	km	0.0	0.0	0.4	0.4	63.3	
Local Road	km	0.0	0.0	1.2	1.2	134.3	
Cart Track	km	0.0	0.0	6.8	6.8	281.4	
Facilities							
Sport and recreation constructions	No.	0.0	0.0	0.3	0.3	0.3	
Land use							
Arable land	ha	0.0	20.0	13.2	34.1	103.7	
Permanent crops	ha	11.3	1 116.0	650.0	1 877.3	2 207.4	
Heterogeneous agricultural areas	ha	88.6	1 496.3	531.8	2 116.7	3 206.4	
Forest	ha	262.7	819.0	51.5	1 225.1	2 485.6	
Shrub and/or herbaceous vegetation association	ha	391.8	4 056.1	364.6	5 812.5	8 875.6	
Open spaces with little or no vegetation	ha	0.0	0.0	0.0	0.0	2.8	
Other	ha	0.0	0.0	0.0	0.0	102.4	

* Presence of damage points and proximity with destroyed/damaged asset
 ** Sum of Destroyed, Damaged and Possibly damaged

Map Information

A wildfire is raging from Thursday in East Mani Municipality at Peloponnese Region, burning down large forests of pine and rural areas. The fire is still active on several fronts. The moderate wind, high temperatures and high flammability of forest fuels, make the work of firefighters very difficult. Several villages have been ordered to evacuate for precautionary reasons after a fire broke out. According to Fire Service 88 firefighters with 25 vehicles are currently operating in the area, assisted by 3 ground force groups, one helicopter and two planes.

The present map shows the fire damage grade assessment in the area of East Mani (Greece). The thematic layer has been derived from post-event satellite image using semi-automatic approach. The scale of analysis is 1:10000. The estimated geometric accuracy (RMSE) is 2.5 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 100 sq. m.

Relevant date records (UTC)

Event	Date	Situation as of	Date
Event	03/08/2021 13:23	Situation as of	13/08/2021 09:18
Activation	06/08/2021 08:24	Map production	14/08/2021

Data sources

Pre-event image: Pleiades-1A © CNES (2021), distributed by Airbus DS (acquired on 20/05/2020 at 09:27 UTC, GSD 0.5 m, approx. 0% cloud coverage in AoI, 10.9° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.
 Pleiades-1A © CNES (2021), distributed by Airbus DS (acquired on 07/06/2021 at 09:32 UTC, GSD 0.5 m, approx. 0% cloud coverage in AoI, 13.9° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Post-event image: Pleiades-1A © CNES (2021), distributed by Airbus DS (acquired on 13/08/2021 at 09:18 UTC, GSD 0.5 m, approx. 2.87% cloud coverage in AoI, 34.2° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2021), Wikimedia.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 © EUJRC2007, GeoNames 2015.

Population data: GHS Population Grid © European Commission, 2019
 https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php
 Digital Elevation Model: COP-DEM-EEA-10-R product © DLR e.V. (2014-2018) and © Airbus Defence and Space GmbH (2020) provided under COPERNICUS by the European Union and ESA, all rights reserved.

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

Map produced by CLS released by SERTIT (ODO).

For the latest version of this map and related products visit
<https://emergency.copernicus.eu/EMSR531>

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