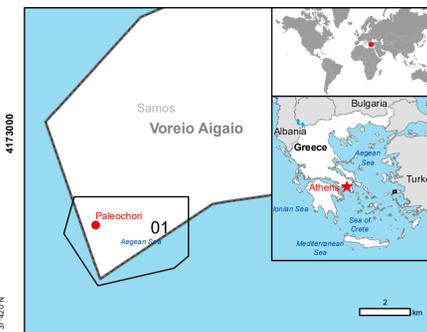


**SAMOS - GREECE**

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

Grading - Overview map 01



**Cartographic Information**

1:8000 Full color A1, 200 dpi resolution



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

**Legend**

- Built Up Grading**
  - Possibly damaged
- Transportation Grading**
  - Road, Possibly damaged
  - Primary Road, No visible damage
  - Local Road, No visible damage
  - Cart Track, No visible damage
- Land Use-Cover Grading**
  - Destroyed
  - Damaged
  - Possibly damaged
- General Information**
  - Area of Interest
- Placenames**
  - Placename
- Physiography & Land Use - Land Cover**
  - Features available in the vector package

Consequences within the AOI		Unit of measurement				Total n°	
		Destroyed	Damaged	Possibly damaged			AOI
Build up	Building point	0	0	7	7	13	422
Population	Number of inhabitants	0	0	0	0	0	0
Transportation	Primary Road	0.0	0.0	0.0	0.0	0.0	0.0
	Local Road	0.0	0.0	0.0	0.0	0.0	0.0
	Cart Track	0.0	0.0	0.1	0.1	0.1	43.3
Land use	Permanent crops	1.5	79.9	27.3	107.7	107.7	485.3
	Pasture	0.0	0.0	0.0	0.0	0.0	7.8
	Shrub and/or herbaceous vegetation association	3.3	268.3	45.3	314.9	314.9	567.4
	Other	0.0	0.0	0.0	0.0	0.0	388.6

**Map Information**

A forest fire started near Paleochori village in Samos Island, Greece, Wednesday 13 July around noon, burning pine forest, scrub and cultivated fields. Copernicus EMS Rapid Mapping is requested to provide a Grading product. Copernicus EMS Mapping products will be used mainly by local authorities for recovery and restoration planning of the affected area.

The present map shows the fire grading in the area of Samos (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 2.5 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 100 sqm.

**Relevant date records (UTC)**

Event	13/07/2022 09:00	Situation as of	19/07/2022 09:01
Activation	18/07/2022 10:37	Map production	20/07/2022

**Data sources**

Pre-event image: Pleiades-1A © CNES (2022), distributed by Airbus DS (acquired on 14/06/2022 at 09:20 UTC, GSD 0.5 m, approx. 0.0% cloud coverage in AoI, 20.07° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.  
 Post-event image: Pleiades-1A © CNES (2022), distributed by Airbus DS (acquired on 19/07/2022 at 09:01 UTC, GSD 0.5 m, approx. 0.0% cloud coverage in AoI, 19.05° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2022), Wikimedia.org, GeoNames 2015, Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 © EuroGeographics  
 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](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 GMV released by SERTIT (ODO).

For the latest version of this map and related products visit  
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