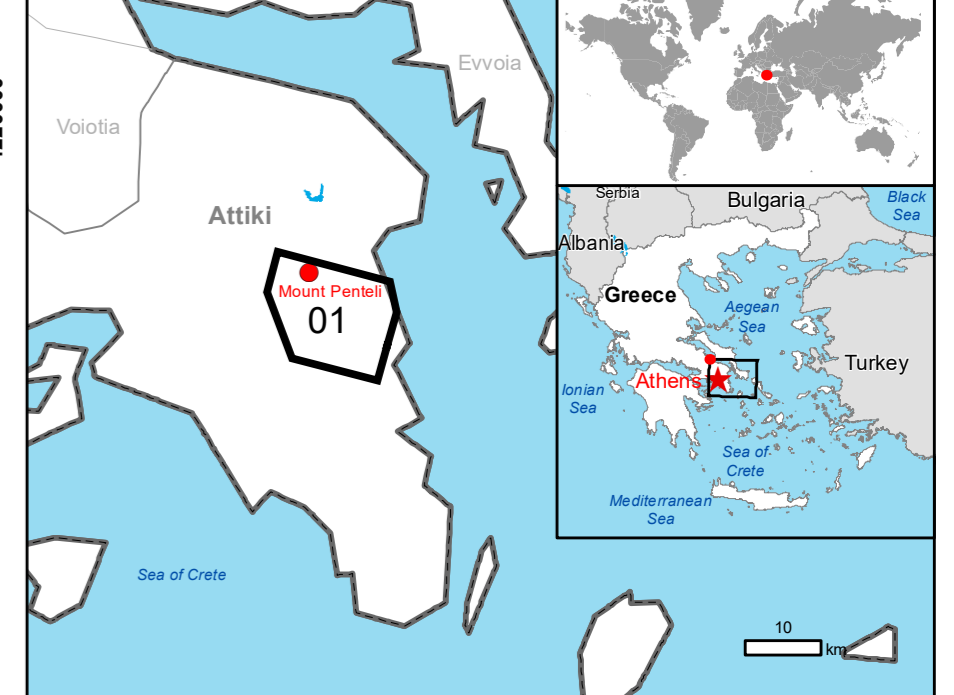


## MOUNT PENTELI - GREECE

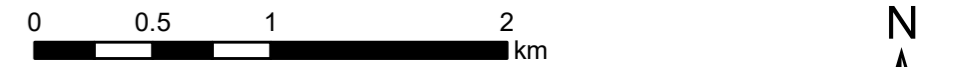
Wildfire - Situation as of 21/07/2022

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

- Built Up Grading**
  - Destroyed
  - Possibly damaged
- Transportation Grading**
  - Road, Possibly damaged
  - Highway, No visible damage
  - Primary Road, No visible damage
  - Secondary Road, No visible damage
  - Local Road, No visible damage
  - Canal, No visible damage
  - Long-distance railway, No visible damage
  - Railway, No visible damage
  - Sidings, No visible damage
  - Airfield runway, No visible damage
- Facilities Grading**
  - Power and communication lines, Possibly damaged
  - Possibly damaged
- Land Use - Land Cover Grading**
  - Possibly damaged
- General Information**
  - Area of Interest
  - Base map
- Administrative boundaries**
  - Municipality
  - Placenames
- Hydrography**
  - Coastline
  - Lake
  - Reservoir
- Land Use - Land Cover**
  - Land Use - Land Cover

Consequences within the AOI					
	Destroyed	Damaged	Possibly damaged*	Total affected**	Total AOI
Estimated population	ha			10,237	107,308
Burnt area	ha			62,991	18,633.9
Built-up	No.	0	58	1,998	2,056
Transportation	km	0.0	1.6	201.9	383.5
Facilities	km	0.0	0.0	6.1	6.1
Land use	ha	0.0	2.0	2.7	4.7
	ha	0.0	950.4	1,826.3	2,781.7
					20,058.9

\* Presence of damage process, 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 broke out on the slopes of Mount Penteli in the northern suburbs of Athens on 19 July 2022. Residents of the towns Anthousa, Drafi, Pikermi, Pallini, Penteli, Dionisi were ordered to evacuate, as the flames approached their houses. Copernicus EMS Mapping products will be used mainly by local authorities (Forest Service, Region of Western Greece, municipalities) for recovery and restoration planning of the affected area. Furthermore, local authorities are expected to use the mapping products for future food protection measures, the Greek Agricultural Insurance Organization is expected to use the maps for damage assessment of farming activities, the Ministry of Infrastructure and Transport is expected to use the maps for damage assessment in roads, infrastructure, houses and buildings.

The present map shows the fire delineation in the area of Mount Penteli (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 300 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 225 sq m.

### Relevant date records (UTC)

Event	Date	Description
Event	20/07/2022 02:20	Situation as of
Activation	20/07/2022 08:57	Map production
		22/07/2022

### Data sources

Pre-event image: SPOT6 © Airbus DS (2021), (acquired on 04/03/2021 at 08:44 UTC, GSD 1.5 m, approx. 0% cloud coverage in Aoi, 10.4° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved. SPOT7 © Airbus DS (year of acquisition), (acquired on 22/06/2021 at 08:48 UTC, GSD 1.5 m, approx. 0% cloud coverage in Aoi, 6.9° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.  
 Post-event image: SPOT6/7 © Airbus DS (2022), (acquired on 21/07/2022 at 09:06 UTC, GSD 1.5 m, approx. 0% cloud coverage in Aoi, 28.2° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2022), Wikimapia.org, GeoNames 2015, EuroBoundaryMap 2017 © EuroGeographics.  
 Inset maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2015.

### Disclaimer

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

Map produced by ITHACA released by SERTIT (ODO).

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