

Parnitha Mountain - GREECE

Wildfire - Situation as of 28/08/2023

P07 - Wildfire delineation and grading



Cartographic Information

1:31000 Full color A1, 300 dpi resolution
 0 0.5 1 km
 Grid: WGS 1984 UTM Zone 34N map coordinate system
 Tick marks: WGS 84 geographical coordinate system

Legend

- Damage delineation
- Destroyed
- High damage
- Moderate damage
- Negligible to slight damage
- General information
- Placename
- Buildings
- Residential
- Office
- Wholesale and retail trade
- Hotel and similar
- Traffic and communication
- Industrial
- Reservoir, silos and warehouse
- Public entertainment
- School, university and research
- Hospital or institutional care
- Non-residential farm
- Non-residential building used as place of worship and for religious activities
- Other building not elsewhere classified
- Hydrography
- Stream
- River
- Transportation
- Highway
- Primary Road
- Secondary Road
- Local Road
- Cart Track
- Long-distance railway
- Heliport

| Consequences within the AOI | | | | | | |
|-----------------------------|---------------------|-----------|-------------|-----------------|-----------------------------|--------------|
| | Unit of measurement | Destroyed | High damage | Moderate damage | Negligible to slight damage | Total in AOI |
| Burnt area | ha | 49.97 | 2339.12 | 2926.58 | 760.54 | 6076.21 |

Map Information

On Tuesday 22 August 2023 (11:56 local time) a wildfire started in a forest area near the monastery of Klismon, on Parnitha mountain, in Attica Region, Greece. The fire has led to the destruction of houses and vehicles in suburb of Fyli. Given the severity of the event, the Copernicus EMS Rapid Mapping service was activated to follow the evolution of the fire. According to the last product delivered in EMSR90 activation, the fire is not active anymore since the 28 August 2023 and 6,193 ha of burnt areas were detected. The CEMS Risk and Recovery service was activated in order to provide a post-wildfire damage assessment over the area.

The present map shows the wildfire delineation and grading in the area of Parnitha Mountain (Greece). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy (RMSE) is 6.25 m or better, from native positional accuracy of the background satellite image. The assessed thematic accuracy value is 98.75%, assessed following the Quality Control methodology described in the Final Report (see <https://emergency.copernicus.eu/EMSN170>).

Relevant date records (UTC)

| Event | Date | Description |
|----------------|------------------|----------------------------------|
| Activation | 22/08/2023 09:56 | Situation as of 28/08/2023 09:31 |
| Map production | 23/08/2023 | 25/10/2023 |

Data sources

Pre-event image: Worldview-3 © Maxar Technologies Inc. (2023), (acquired on 21/07/2023 at 09:45 UTC, resolution 0.5 m), provided under COPERNICUS by the European Union and ESA, all rights reserved.
 Post-event image (Background): GeoEye © Maxar Technologies Inc. (2023), (acquired on 28/08/2023 at 09:31 UTC, resolution 0.5 m), provided under COPERNICUS by the European Union and ESA, all rights reserved.
 Base vector layers: OpenStreetMap © OpenStreetMap contributors (2022), Spain National Data © Instituto Geográfico Nacional (IGN).
 Inset maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2015.

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 Delivery formats are Layered Geospatial PDF and vector (GDB and GeoJSON).
 Map produced by SERTIT released by SERTIT (TPoC).
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