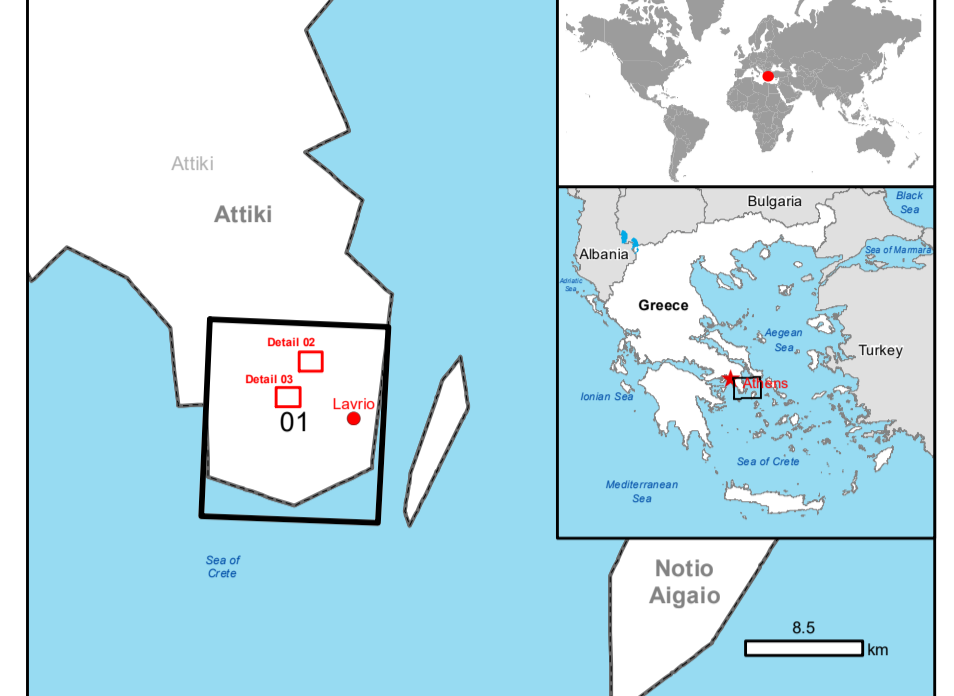


**Lavrio - GREECE**  
**Wildfire - Situation as of 19/08/2021**  
 Grading - Detail map 02



**Cartographic Information**

1:2500 Full color A1, 200 dpi resolution



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

**Legend**

- Crisis Information**
  - Built Up Grading**
    - 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
  - Land Use-Cover Grading**
    - Destroyed
    - Damaged
    - Possibly damaged
  - General Information**
  - Physiography & Land Use - Land Cover**
    - Area of Interest
- Features available in the vector package

**Map Information**

A wildfire has been raging from Monday noon (17/08/2021) at Lavrio, in Eastern Attica, Greece, burning forests, rural and urban areas. The strong wind and high flammability of forest fuels due to prolonged drought, make the work of firefighters very difficult. The residential communities of Agios Konstantinos, Synterina and Markati have been evacuated for precautionary reasons. Copernicus EMS Rapid Mapping is asked to provide First Estimate, Delineation and Grading Products.

The present map shows the damage grade assessment in the area of Lavrio (Greece). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The scale of analysis is 1:25000. The estimated geometric accuracy (RMSE) is 6.25 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 625 sq. m.

**Relevant date records (UTC)**

Event	16/08/2021 07:26	Situation as of	19/08/2021 08:53
Activation	16/08/2021 10:26	Map production	19/08/2021

**Data sources**

Pre-event image: SPOT7 © Airbus DS (2021), (acquired on 14/05/2020 at 08:58 UTC, GSD 1.5 m, approx. 0% cloud coverage in AoI, 16.3° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.  
 Post-event image: SPOT6 © Airbus DS (2021), (acquired on 19/08/2021 at 08:53 UTC, GSD 1.5 m, approx. 0% cloud coverage in AoI, 7.6° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2021), Wikimapia.org, GeoNames 2015, 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](https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php)  
 Digital Elevation Model: COP-DEM-EEA-10-R product © DLR e.V. (2014-2019) 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 (ODD).

For the latest version of this map and related products visit <https://emergency.copernicus.eu/EMSR542>

[jrc-ems-rapidmapping@ec.europa.eu](mailto:jrc-ems-rapidmapping@ec.europa.eu)  
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