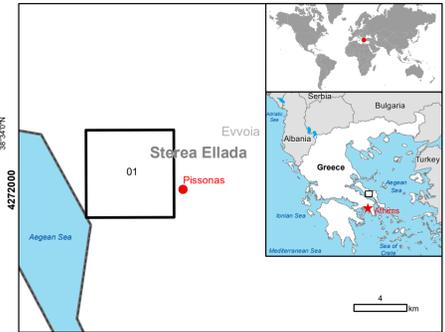


## Pissonas - GREECE

### Wildfire - Situation as of 23/08/2023

#### P07 - Wildfire delineation and grading



#### Cartographic Information

1:12500 Full color A1, 300 dpi resolution



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

#### Legend

- Damage destination
- Damage Grading**
- Destroyed
- High damage
- Moderate damage
- Negligible to slight damage
- General Information**
- General information
- Buildings**
- Residential
- Wholesale and retail trade
- Industrial
- Public entertainment
- School, university and research
- Hospital or institutional care
- Building used as place of worship and for religious activities
- Hydrography**
- River
- Placenames**
- Placename
- Transportation**
- Primary Road
- Secondary Road
- Local Road
- Cart Track

Consequences within the AOI						
Unit of measurement	Destroyed	High damage	Moderate damage	Negligible to slight damage	Total affected	
Burnt area	ha	249.39	255.32	2.43	19.08	526.22

#### Map Information

On August 21, 2023, at 08:11 UTC, a wildfire started in a forested region on Evvoia Island, located in the Sterea Ellada Region of Greece. Firefighters reported that the fire front was notably expansive, stretching from Psachna to Artaki and Pissonas. The fire has not been active anymore since 23 August 2023. 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 Pissonas (Greece), based on a post-event GeoEye-1 image (2m spatial resolution), which shows that 526.2 ha were burnt, where almost 95% of the area was destroyed or highly damaged. The thematic layer has been derived from post-event satellite image using a semi-automatic approach.

The calculated geometric accuracy (RMSE) is 6.25 m or better, from native positional accuracy of the background satellite image. The assessed thematic accuracy value is 98.6%, assessed following the Quality Control methodology described in the Technical Report (see <https://emergency.copernicus.eu/EMSN168>).

#### Relevant date records (UTC)

Event	21/08/2023 08:11	Situation as of	23/08/2023 09:46
Activation	24/08/2023 00:00	Map production	19/09/2023

#### Data sources

Pre-event image: SPOT6 © Airbus DS (2023), (acquired on 05/08/2023 at 08:46 UTC, GSD 5.5 m, approx. 0.0% cloud coverage in AOI, 20.11° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Post-event image (Background within AOI): GeoEye © Maxar Technologies, Inc. (2023), (acquired on 23/08/2023 at 09:46 UTC, resolution 2.0 m), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Esri Basemap (Background) © Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Air bus DS, USDA, USGS, AeroGRID, IGN and the GIS User Community.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2023) and GeoNames 2015, refined by the producer.

Inset maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, GeoNames 2015.

#### Disclaimer

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Delivery formats are Layered Geospatial PDF and vector (GDB, GeoJSON).

Map produced by GMV released by e-GEOS (TPoC).

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