

Prodomos-Kyriaki - GREECE

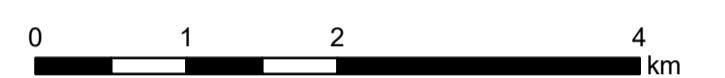
Wildfire - Situation as of 28/08/2023

P07 - Wildfire delineation and grading



Cartographic Information

1:50000 Full color A1, 300 dpi resolution



Grid: WGS 1984 UTM Zone 34N map coordinate system

Tick marks: WGS 84 geographical coordinate system

Legend

Damage delineation	General information	Transportation
Destroyed	Placenames	Local Road
High damage	Placename	Cart Track
Moderate damage	Hydrography	Built-Up Area
Negligible to slight damage	Stream	Residential
Ocean/Sea	Industrial	

Consequences within the AOI						
	Unit of measurement	Destroyed	High damage	Moderate damage	Negligible to slight damage	Total in AOI
Burnt area	ha	1663.47	4217.91	2033.58	243.58	8158.54

Map Information

On 21 August 2023 at 05:59 UTC two wildfires started in a forest area near Prodomos village (Sterea Ellada Region) and in the afternoon (15:10 UTC) in a forest area near Kyriaki village. Residents of the villages Prodomos, Paralia Sarandi, Karioti, Tarsos, Panagia Kalamiotissa and Agios Athanasios were activated to evacuate. The wildfires have remained off since the 28 August 2023.

The CEMS Risk and Recovery service was ordered in order to provide a post-wildfire damage assessment over the area.

The present map shows the P07-Wildfire delineation and grading product, derived from a post-event WorldView3 image (2 m spatial resolution), using a semi-automatic approach. The analysis reveals that a total of 8158.54 hectares were affected by fire, with the majority, specifically 4217.91 hectares, experiencing severe damage. The majority of these impacted areas are situated on the northern slopes.

The estimated geometric accuracy (RMSE) is 6.5 m or better, from native positional accuracy of the background satellite image.

The assessed thematic accuracy value is 96%, assessed following the Quality Control methodology described in the Final Report (see <https://emergency.copernicus.eu/EMSN167>).

Relevant date records (UTC)

Event	21/08/2023 06:59	Situation as of	28/08/2023 09:39
Activation	24/08/2023	Map production	20/09/2023

Data sources

Pre-event image: PlanetScope © 2023 Planet Labs Inc. (acquired on 07/08/2023 at 08:59 UTC, GSD 3.0 m, approx. 0% cloud coverage in AOI), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Post-event image (Background): WorldView-3 © DigitalGlobe Digital Globe, Inc. (2023), (acquired on 28/08/2023 at 09:59 UTC, GSD 2.0 m, approx. 0% cloud coverage in AOI, 37.2° off-nadir angle), provided under COPERNICUS.

Eri Basemap (Background) © Eri, Maxar, Geoeye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN and the GIS User Community.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2018), Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 © EuroGeographics, refined by the producer.

Disclaimer

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Delivery formats are Layered Geospatial PDF and vector.

Map produced by Telespazio Iberica released by e-GEOS.

For the latest version of this map and related products visit

<https://emergency.copernicus.eu/EMSN167>

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