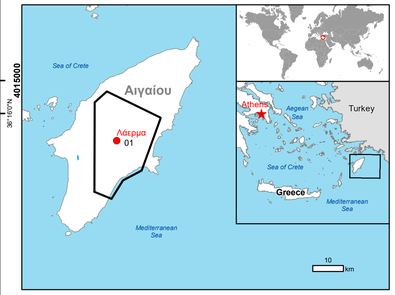
GLIDE number: WF-2023-000118-GRC Activation ID: EMSN159
Product N.: 01ALAERMA, P07, v1

Aläerma - GREECE

Wildfire - Situation as of 31/07/2023

P07 - Wildfire delineation and grading



Cartographic Information

1:70000 Full color A1, 300 dpi resolution

0 1,25 2,5 5 km

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

N

Legend

- Damage delineation
- **Damage Grading**
  - Negligible to slight damage
  - Moderate damage
  - High damage
  - Destroyed
- **General information**
  - Area of Interest
- **Buildings**
  - Residential
  - Other non-residential
- **Placenames**
  - Placename
- **Hydrography**
  - River
  - Stream
  - Reservoir
  - River
- **Facilities**
  - Construction for mining or extraction
  - Power plant construction
  - Sport and recreation constructions
  - Dump Site
  - Dam
  - Settling Basin
- **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 in AOI
Burnt area	ha	6,3	1450,9	13155,1	3016,4	17628,7

Map Information

On 18 July 2023 a wildfire occurred on the Rhodes island, Greece. The fire initially hit an area close to Eleousa, Salakos and Dimilia villages, but despite firefighting efforts, the previous drought conditions combined with the very high temperature and the windy conditions, led the fire spreading quickly. Many villages, agricultural and forest areas have been affected from the fire, that had an enormous impact on many touristic and populated areas, so that large scale mass evacuations have been ordered and executed. The wildfire last more than 10 days, resulting in about 17.700 ha burnt area.

The present map shows the wildfire delineation and grading in the area of Aläerma (Greece). The thematic layer has been derived from post-event satellite image using a semi-automatic approach.
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 95,7%, assessed following the Quality Control methodology described in the Final Report (see https://emergency.copernicus.eu/mapping/list-of-components/EMSN159).

Relevant date records (UTC)

Event	18/07/2023 16:00	Situation as of	31/07/2023 08:36
Activation	26/07/2023	Map production	09/08/2023

Data sources

Pre-event image: PlanetScope © Planet, 2023 (acquired on 17/07/2023 at 08:34 UTC, GSD 3.0 m, provided under COPERNICUS by the European Union and ESA, all rights reserved. PlanetScope © Planet, 2023 (acquired on 18/07/2023 at 08:02 UTC, GSD 3.0 m, provided under COPERNICUS by the European Union and ESA, all rights reserved.

Post-event image: PlanetScope © Planet, 2022 (acquired on 31/07/2023 at 08:36 UTC, GSD 3.0 m, provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2023), EuroBoundaryMap 2017 © EuroGeographics, Buildings: Copernicus EMSR675 Grading product.

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 and GeoJSON).

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

For the latest version of this map and related products visit
https://emergency.copernicus.eu/EMSN159
jrc-ems-riskrecoverymapping@ec.europa.eu

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