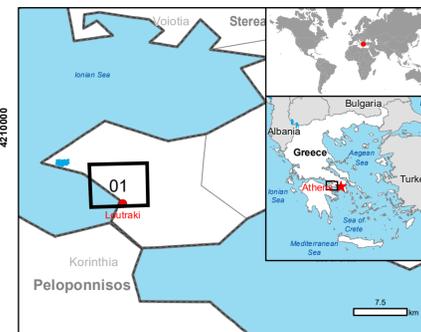


Loutraki - GREECE

Wildfire - Situation as of 16/09/2019

First Estimate Product



Cartographic Information

1:12500 Full color A1, 200 dpi resolution



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

Legend

- | | |
|----------------------------------|-----------------------|
| Crisis Information | Hydrography |
| Active Flames | Stream |
| Burnt Area
(16/09/2019 09:20) | Lake |
| General Information | Transportation |
| Area of Interest | Secondary Road |
| Image Footprint | Local Road |
| Placenames | Cart Track |
| Placename | Long-distance railway |

Map Information

A forest fire broke out in 14/09/2019 near Loutraki City, 65 Km West from Athens. The rough terrain and the strong winds made the job of fire-fighters more difficult and carried the fire further. For precautionary reasons, the Monastery of Oisios Patapios and one Elderly hospital located near the fire front were evacuated. Copernicus EMS Mapping products will be used for damage assessment, recovery and restoration planning of the affected area and for future flood protection measures.

The present map shows the fire first estimate product in the area of Loutraki (Greece). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The estimated geometric accuracy (RMSE) is 10 m or better, from native positional accuracy of the background satellite image.

Relevant date records (UTC)

Event	14/09/2019 16:00	Situation as of	16/09/2019 09:20
Activation	18/09/2019 10:05	Map production	18/09/2019

Data sources

Post-event image: Sentinel-2A (2019) (acquired on 16/09/2019 at 09:20 UTC, GSD 10 m, approx. 0% cloud coverage in AoI, 0° off-nadir angle) provided under COPERNICUS by the European Union and ESA.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2012, Global Administrative Areas (2012), refined by the producer.
 Inset maps: JRC 2013, EuroBoundaryMap 2017 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2013.

Population data: GHS Population Grid © European Commission, 2015
http://data.europa.eu/89h/jrc-ghs-ghs_pop_gpw4_globe_r2015a.
 Digital Elevation Model: EU-DEM (25 m).

Disclaimer

Products elaborated in this Copernicus EMS Rapid Mapping activity are realized to the best of our ability, within a very short time frame, optimising the available data and information. All geographic information has limitations due to scale, resolution, date and interpretation of the original sources. No liability concerning the contents or the use thereof is assumed by the producer and by the European Union.

Delivery formats are Layered Geospatial PDF, GeoJPEG and vector (ESRI shapefiles, Google Earth KML, GeoJSON).

Map produced by SERTIT released by SERTIT (ODO).

For the latest version of this map and related products visit
<http://emergency.copernicus.eu/EMSR389>

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