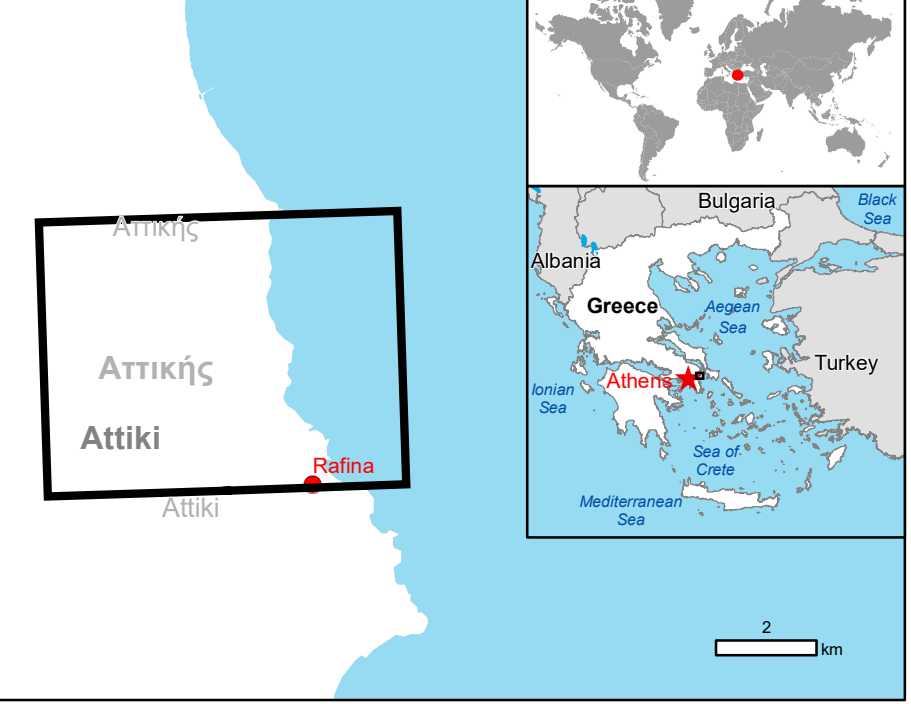


GLIDE number: N/A Activation ID: EMSR300  
Product N.: 02RAFINA, v1, English

# Rafina - GREECE

## Wildfire - Situation as of 25/07/2018

### Grading Map



#### Cartographic Information

1:11000 Full color ISO A1, high resolution (300 dpi)



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

#### Legend

- Crisis Information**
  - Destroyed
  - Damaged
  - Possibly damaged
- Built Up Grading**
  - Destroyed
  - Damaged
  - Possibly damaged
- General Information**
  - Area of Interest
  - Image Footprint
  - Not Analysed
  - Not Analysed - No data
- Administrative boundaries**
  - Municipality
  - Placename
  - Built-Up Area
- Hydrography**
  - Coastline
  - Stream
- Physiography**
  - Elevation Contour (m)
- Transportation**
  - Primary Road
  - Secondary Road
  - Local Road
  - Cart Track

#### Land use - Land Cover

Features available in vector data

Consequences within the AOI		Unit of measurement		Destroyed	Damaged	Possibly damaged	Total affected	Total in AOI
Burnt/Flooded/Affected area		ha		20.1	1148.1	107.7	969.4	11754
Estimated population		Number of inhabitants					969.4	11754
Settlements	Residential	ha	0.0	0.0	0.0	0.0	0.0	0.0
	Bridge and elevated highway	km	0.0	0.0	0.0	0.0	0.0	0.0
	Primary Road	km	0.0	0.0	0.0	8.1	8.1	16.2
	Secondary Road	km	0.0	0.0	0.0	1.1	1.1	3.2
	Local Road	km	0.0	0.0	0.0	116.1	116.1	266.4
Transportation	No Driveway	km	0.0	0.0	0.0	8.5	8.5	7.4
	Cart Track	km	0.0	0.0	0.0	8.1	8.1	11.3
Land use	Permanent crops	ha	0.0	0.0	0.0	0.0	0.0	54.2
	Heterogeneous agricultural areas	ha	1.1	73.0	9.5	83.6	15531.0	
	Forests	ha	4.9	197.0	15.4	217.3	354.2	
	Shrub and/or herbaceous vegetation association	ha	3.8	90.3	4.6	98.7	165.2	
	Open spaces with little or no vegetation	ha	6.5	342.9	30.6	379.9	840.1	

#### Map Information

Two large fires broke out on the central-southern Greece mainland (Attica region) on 23 July 2018, causing significant casualties, village evacuations, damage to property, while burning thousands of hectares of forestry. Regional Greek authorities have declared a state of emergency in the eastern and western parts of greater Athens, and the EU Civil Protection Mechanism has been activated to request for aerial and ground firefighting assets.

The present map shows the fire grading in the area of Rafina (Greece). The thematic layer has been derived from post-event satellite image using by means of visual interpretation. The estimated geometric accuracy is 5 m CGED or better, from native positional accuracy of the background satellite image.

Relevant date records			
Event	23/07/2018	Situation as of	25/07/2018
Activation	24/07/2018	Map production	31/07/2018

#### Data Sources

Pre-event image: Pliades-1A/B © CNES (2018), distributed by Airbus DS (acquired on 07/03/2018 at 09:19 UTC, GSD 0.5 m, approx. 0% cloud coverage in AOI, 17.8° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.  
Post-event image: Pliades-1B © CNES (2018), distributed by Airbus DS (acquired on 25/07/2018 at 08:53 UTC, GSD 0.5 m, approx. 2.3% cloud coverage in AOI, 15.3° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, refined by the producer.  
Inset maps: JRC 2013, © EuroGeographics, EuroBoundaryMap 2017, © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2013.

Population data: GH5 Population Grid © European Commission, 2015  
http://data.europa.eu/89h/r-c-gh5-ghs\_pop\_gpw4\_globe\_r2015a.  
Digital Elevation Model: EU-DEM (25 m)

#### Disclaimer

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Map produced by SIRS released by e-GEOS (ODO).

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