



GLIDE number: N/A Activation ID: EMSR331
Product N.: 01SITHONIA, v1, English

SITHONIA - GREECE

Wildfire - Situation as of 29/10/2018

Grading Map



Cartographic Information

1:15000 Full color ISO A1, high resolution (300 dpi)

0 0.375 0.75 1.5 km

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

Legend

- Crisis Information**
Facilities Grading
Possibly damaged
Land Use-Cover Grading
Destroyed
Damaged
Possibly damaged
- General Information**
Area of Interest
Image Footprint
Not Analysed
Placename
- Hydrography**
Coastline
River
Open Water
Physiography
Elevation Contour (m)

Land use - Land Cover

Features available in vector data

Consequences within the AOI		Unit of measurement				Total affected
		ha				AOI
Burnt area	Number of inhabitants	ha	0	0	0	724.1
Consumer population	Residential	ha	0	0	0	52.5
Settlements	Secondary Road	km	0	0	0	14.3
Transportation	Local Road	km	0	0	0	14.7
	Canal	km	0	0	0	109.3
Facilities	Power Plant Construction	ha	0	0	0.7	0.7
	Harbour	ha	0	0	0	3.0
Land use	Heterogeneous agricultural areas	ha	6.4	12.4	23.4	39.2
	Forests	ha	19.1	321.6	345.2	665.9

Map Information

A forest fire broke out in 25-10-2018 in Sithonia area, 100 Km Southeast from Thessaloniki in a pine forest. The village of Sarti is under threat and the relocation of its residents is under consideration as a preventative measure. According to Fire Service 142 personnel with 69 vehicles, plus 32 hand crew firefighters, plus 4 firefighting airplanes and 5 firefighting helicopters, are involved in the operation to bring the fire under control."

The present map shows the damage grade assessment in the area of Sithonia (Greece). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The estimated geometric accuracy is 5 m CE90 or better, from native positional accuracy of the background satellite image.

Relevant date records			
Event	25/10/2018	Situation as of	29/10/2018
Activation	26/10/2018	Map production	30/10/2018

Data Sources

Pre-event image: Sentinel 2A/B (2018) (acquired on 18/10/2018 at 09:09 UTC, GSD 10 m, approx. 1% cloud coverage in Aoi, 0° off-nadir angle) provided under COPERNICUS by the European Union and ESA.
Post-event image: Sentinel 2A/B (2018) (acquired on 26/10/2018 at 09:20 UTC, GSD 10 m, approx. 0% cloud coverage in Aoi, 0° off-nadir angle) and SPOT7 © Airbus DS (2018), (acquired on 29/10/2018 at 08:37 UTC, GSD 1.5 m, approx. 27% cloud coverage in Aoi, 24.7° off-nadir angle) provided under COPERNICUS by the European Union and ESA.

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 © EURC2007, GeoNames 2013.

Population data: GHS Population Grid © European Commission, 2015
http://data.europa.eu/89h/jrc-ghs-pop_gpw4_globe_2015a.
Digital Elevation Model: SRTM (90 m)

Disclaimer

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Map produced by GAF AG released by e-GEOS (ODO).

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