

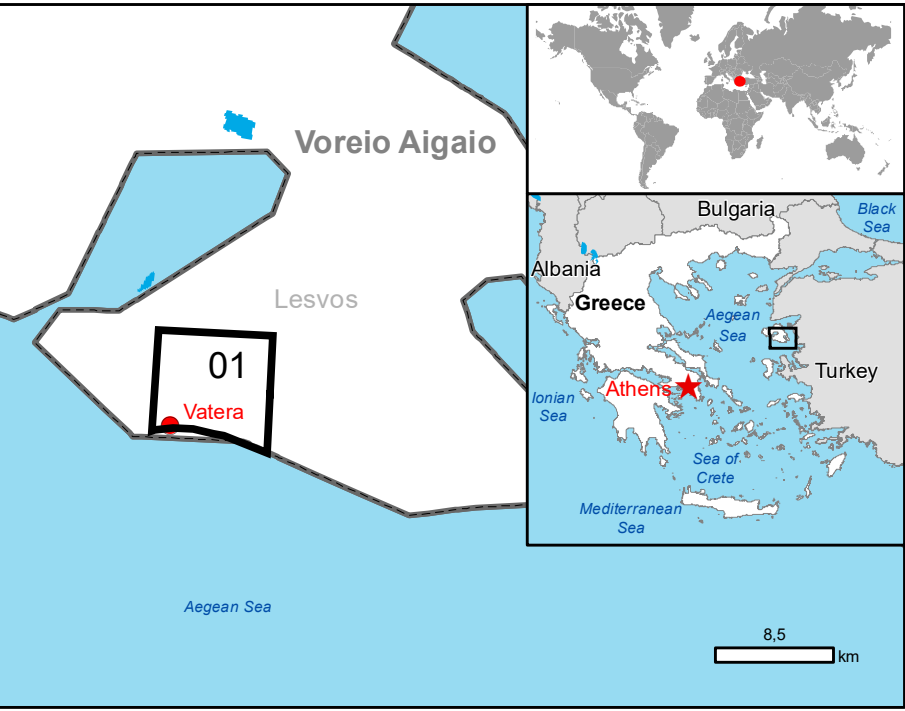
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Product N.: 01VATERA, v1

Vatera - GREECE

Wildfire - Situation as of 29/07/2022

Grading Monit01 - Overview map 01



Cartographic Information

1:17000

Full color A1, 200 dpi resolution

0 0.25 0.5 1 km

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

Legend

Built Up Grading	Land Use-Cover Grading	Hydrography
Destroyed	Destroyed	Coastline
Damaged	Damaged	Stream
Possibly damaged	Possibly damaged	Lake
Transportation Grading	General Information	Natural Spring
Road, Damaged	Area of Interest	Open Water
Road, Possibly damaged		
Primary Road, No visible damage		
Secondary Road, No visible damage		
Local Road, No visible damage		
Cart Track, No visible damage		

Consequences within the AOI	Unit of measurement	Destroyed	Damaged	Possibly damaged	Total	Total in AOI
Built area	ha	115	125	240	480	2450.4
Population	Number of inhabitants	3	24	50	77	86
Build-up	Residential Buildings	0	17	23	40	40
Uninhabited	Uninhabited	0	7	10	17	10
Transportation	Primary Road	0.0	0.0	0.1	0.1	0.27
Secondary Road	Secondary Road	0.0	0.0	0.0	0.0	0.0
Local Road	Local Road	0.0	0.0	0.1	0.1	0.0
Cart Track	Cart Track	0.0	0.0	0.0	0.0	0.0
Land use	Agriculture	0.0	10.1	25.9	34.0	417.6
Permanent crops	Permanent crops	0.0	145.2	288.3	433.5	1275.1
Heterogeneous agricultural areas	Heterogeneous agricultural areas	0.0	388.2	250.0	638.2	1180.9
Forests	Forests	0.0	434.4	250.7	685.1	1346.7
Shrub and/or herbaceous vegetation association	Shrub and/or herbaceous vegetation association	0.0	345.8	250.0	595.8	1242.7
Other	Other	0.0	4.5	15.8	20.3	217.2

* Presence of damage proxies and proximity with destroyed/damaged asset

** Sum of Destroyed, Damaged and Possibly damaged

Map Information

A forest fire started on Saturday morning, near Vatera village in Lesvos Island (Lesvos Regional Unit, Greece), burning pine forest, scrub and cultivated fields. Residents in the village of Vatera were ordered to evacuate. The fire is ongoing and according to Fire Service 52 firefighters with 22 vehicles are operating in the area, assisted by 25 ground force group, 2 helicopters and 9 planes. Volunteer firefighters (42), military personnel (32), water tankers and local government machinery are assisting.

The present map shows the damage grade assessment (Grading maps) in the area of Vatera (Greece). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The scale of analysis is 1:10000. The estimated geometric accuracy (RMSE) is 3 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 225 sq m.

Relevant date records (UTC)

Event	23/07/2022 07:00	Situation as of	29/07/2022 08:56
Activation	24/07/2022 09:04	Map production	29/07/2022

Data sources

Pre-event image: SPOT6 © Airbus DS (2022), (acquired on 08/06/2022 at 08:47 UTC, GSD 1.5 m, approx. 0% cloud coverage in AoI, 15.6° off-nadir angle, provided under COPERNICUS by the European Union and ESA, all rights reserved).
Post-event image: SPOT7 © Airbus DS (2022), (acquired on 29/07/2022 at 08:56 UTC, GSD 1.5 m, approx. 0% cloud coverage in AoI, 23.5° off-nadir angle, provided under COPERNICUS by the European Union and ESA, all rights reserved).

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2022), Wikimapia.org, GeoNames 2015, EuroBoundaryMap 2017 © EuroGeographics, refined by the producer.

Inset maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUCR2007, GeoNames 2015.
Population data: GHS - Population Grid © European Commission, 2019
https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php

Digital Elevation Model: SRTM (30 m) (NASA/USGS).

Disclaimer

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

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

For the latest version of this map and related products visit

<https://emergency.copernicus.eu/EMSR607>

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