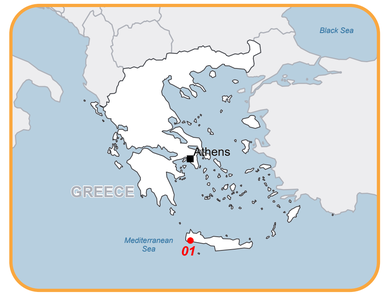
GLIDE number: N/A
Int. Charter Act. ID: N/A

GDACS ID: N/A
Product version: 1

EMSR823 - AOI01
Wildfire in Greece
STRATI

Situation as of 28/07/2025 09:05 UTC

Delineation - Overview map 01



Burnt area 707.8 ha

Potentially affected population
~ 40

Potentially Affected Built-up and Transportations

Built-Up
2.2 ha

Road
16.8 km

Crisis Information
- Burnt area

General Information
- Area of Interest

Administrative Boundaries
- International Boundary

Placenames
- Placename

Built-Up Area
- Residential
- Non residential
- School, university and research buildings

Hydrography
- Lake, River

Facilities
- Power plant
- Sport and recreation constructions
- Dump Site
- Water or Aquatic infrastructure

Transportation
- Main road
- Local road
- Track

	Current	Forecast	
	Jul 28, 09:05 UTC	Jul 29, 09:05 UTC	Jul 30, 09:05 UTC
Wind direction and speed	26 km/h	22 km/h	21 km/h
Temperature and Humidity	29° 66%	29° 61%	28° 66%

Data retrieved from ECMWF on Jul 28, 09:05 UTC. Calculated at: 35.225°N, 23.786°E.

Event: On 26/07/2025 approximately at 12:29 (UTC), a wildfire started near the Strati settlement, 8 Km Northeast of Palaiochora village, in the Southwest part of Crete Island. The fire expanded rapidly and residents of Strati, Asfadeles, Platanes, Anidri and Achladakies had to be evacuated, and a 112 cell-broadcasting message was sent for this purpose. Ground forces (40 vehicles with 62 firefighters, 50 ground forces) and 2 helicopters were used for fire suppression, assisted by municipality vehicles and volunteer organizations. Copernicus EMS Rapid Mapping is requested to provide initial rough estimation and fire extent emergency mapping.

Data sources and analysis: Pre-event image: Sentinel-2A/B (2025) (acquired on 25/07/2025 at 09:10 UTC, resolution 10.0 m).
Post-event image: Sentinel-2A/B (2025) (acquired on 28/07/2025 at 09:05 UTC, resolution 10.0 m).
This image is used as background image.

The thematic layer has been derived from post-event satellite image using a semi-automatic approach.

Map produced by e-GEOS released by e-GEOS on the 28/07/2025.

Details on this activation and service conditions available through the QR code or at the link: https://mapping.emergency.copernicus.eu/activations/EMSR823

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0 0,4 0,8 1,6 km

WGS 1984 UTM Zone 34N 1:25.000

EMSR823 AOI: 01 Strati Delineation

Consequences within the AOI				
	Unit of measurement		Affected	Total in AOI
Burnt area		ha		707,8
Estimated population	Number of inhabitants		~ 40	~ 3.500
Built-up	Residential Buildings	ha	2,2	101,0
	Wholesale and retail trade buildings	ha	0	0,2
	Industrial buildings	ha	0	0,5
	School, university and research buildings	ha	0	0,9
	Cemetery	ha	0	1,3
Transportation	Primary Road	km	0	5,3
	Secondary Road	km	0	40,0
	Local Road	km	7,5	205,2
	Cart Track	km	9,2	347,3
Facilities	Breakwater	ha	0	0,1
	Power plant constructions	ha	0	0,1
	Sport and recreation constructions	ha	0	0,9
	Other civil engineering works not elsewhere classified	ha	0	0,1
Land use	Shrub and/or herbaceous vegetation association	ha	645,7	9.535,3
	Permanent crops	ha	61,9	3.197,8
	Heterogeneous agricultural areas	ha	0,1	2.447,4
	Pastures	ha	0	234,0
	Forests	ha	0	471,8
	Open spaces with little or no vegetation	ha	0	98,9
	Other	ha	0	1.265,3

Disclaimer:

Full disclaimer and other helpful information available in the online manual:
https://mapping.emergency.copernicus.eu/about/rapid-mapping-manual/

Access to the portal

Data Access:

All data displayed on the map(s), as well as Land Use - Land Cover layer(s),
are available in the Crisis Information Package and the Base Layer Package (for reference data).
The table above is available in editable format in the Crisis Information Package.
All products and data are also available for download on the portal.

Estimated Population:

Estimated population is based on Copernicus Global Human Settlement Layer (GHSL) dataset.
Additional population datasets and analysis are available in the summary table.

Data Sources:

Base Vector Layers: OpenStreetMap © OpenStreetMap contributors (2025); Wikimapia.org; GeoNames 2015;
Corine Land Cover (CLC) 2018; © EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2021.

Inset Maps: Natural Earth 2023; HydroLAKES 2016 by HydroSHEDS;
© EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2021.

Digital Elevation Model:
FABDEM (ForestAndBuildingsremovedCopernicusDEM) removes building and tree height biases from the Copernicus GLO 30
Digital Elevation Model (DEM) (Airbus, 2020).

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