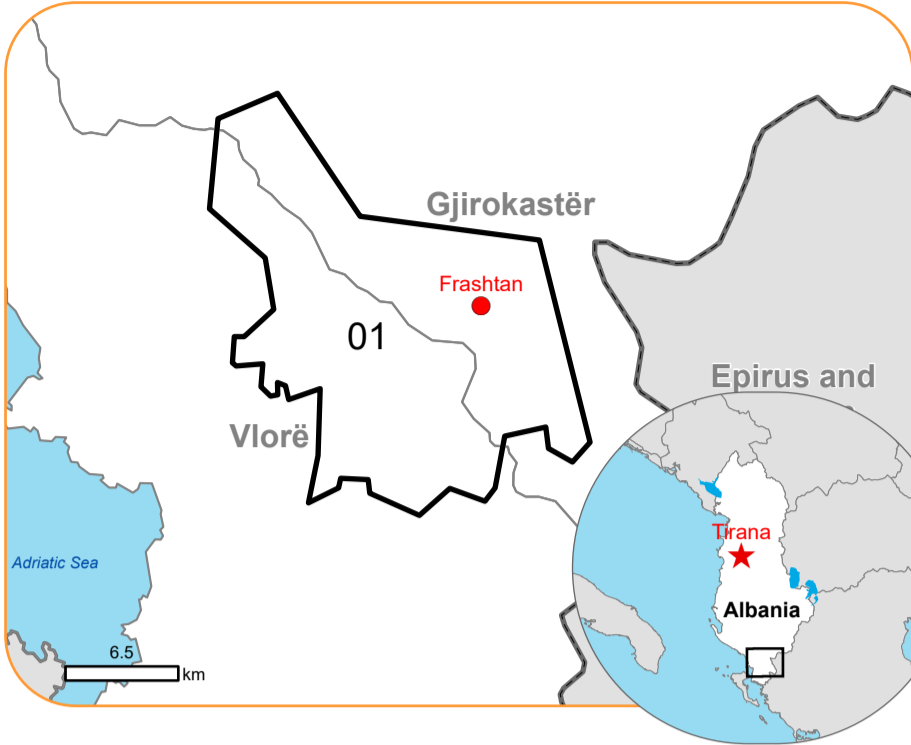




EMSR736 - AOI01
Wildfire in Gjirokastra and Vlorë, Albania
FRASHTAN

Situation as of 12/07/2024 09:31 UTC
Delineation MONIT02 - Overview map 01



Active Flames 7 No.
Burnt area 4,042.5 ha



Potentially affected
population
~ 80

Potentially Affected Built-up and Transportations



Built-Up
6 No.



Road
10.7 km

Crisis Information

- Active Flames
- Burnt area

General Information

- Area of Interest
- Detail map
- Not Analysed

Placenames

- Placename

Built-Up Area

- Residential
- Non residential
- Reservoirs, silos and warehouses
- School, university and research buildings
- Historic or protected monuments

Hydrography

- River
- Stream
- Lake
- Reservoir

Facilities

- Long-distance pipelines or lines
- Mining or extraction site
- Power plant
- Sport and recreation constructions
- Dam

Transportation

- Main road
- Local road
- Track

	Current		Forecast	
	12 July 09:31 UTC		13 July 09:31 UTC	14 July 09:31 UTC
Wind direction and speed	5 km/h		2 km/h	1 km/h
Temperature and relative Humidity	32° 48%		28° 58%	28° 57%

Data retrieved from ECMWF on July 12, 09:31 UTC. Calculated at: 39.575°N, 20.732°E.

Event
On the 09 July 2024, a wildfire is reported to have affected Gjirokastra and Vlorë regions, Albania. Actually, the fire situation is under control and there is no existing danger to the villages. National Operational forces and two Canadair planes from Greece are working to extinguish the fire. Copernicus EMS Rapid Mapping is requested to provide wildfire extent damage assessment emergency mapping.

Data sources and analysis: Pre-event image: Sentinel-2A/B (2024) (acquired on 24/06/2024 at 09:30 UTC, resolution 10.0 m).
Post-event image: Pléiades-1A/B © CNES (2024), distributed by Airbus DS (acquired on 12/07/2024 at 09:31 UTC, resolution 2.0 m).
This image is used as background image.

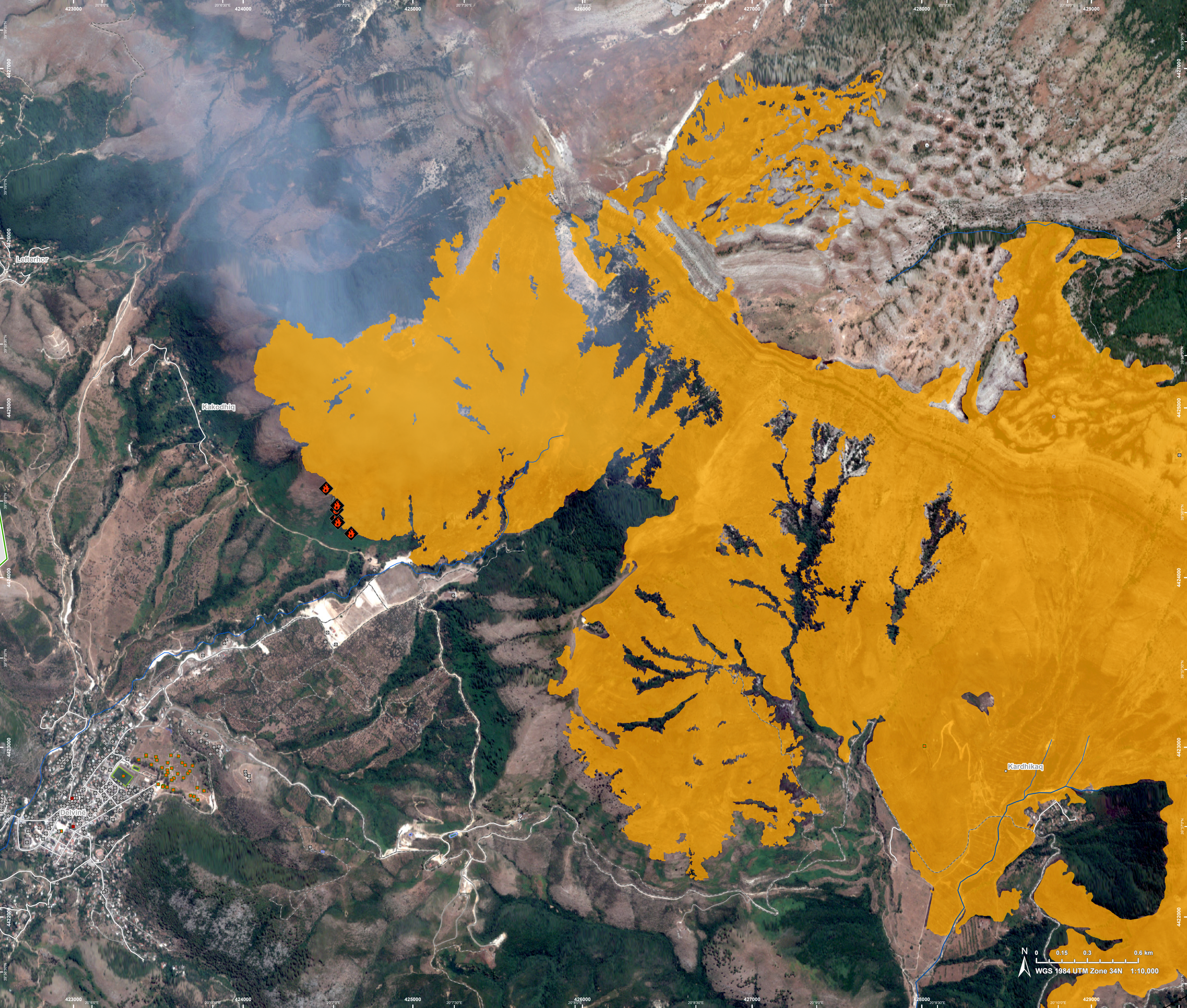
All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

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

The current burnt area cumulates all burnt area extents from previous post-event products.

Map produced by Planetek Hellas released by e-GEOS on the 15/07/2024.

Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR736>



 EMSR736 - AOI01

Wildfire in Gjirokastra and Vlorë, Albania



FRASHTAN

Situation as of 12/07/2024 09:31 UTC


Delineation MONIT02 - Overview map 01 - Detail map 02




Crisis Information

-  Active Flames
-  Burnt area




General Information

-  Area of Interest




Placenames

-  Placename



Built-Up Area

-  Residential
-  Non residential
-  Unclassified




Hydrography







-  River
-  Stream
-  Reservoir

Facilities

-  Long-distance pipelines or lines
-  Sport and recreation constructions

Transportation

-  Main road
-  Local road
-  Track

		Current		Forecast			
		12 July 09:31 UTC		13 July 09:31 UTC	14 July 09:31 UTC		
Wind direction and speed			5 km/h		2 km/h		1 km/h
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The current burnt area cumulates all burnt area extents from previous post-event products.

Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Burnt area		ha		4,042.5
Active Flames		No.		7
Estimated population	Number of inhabitants		~ 80	~ 6,700
Built-up	Residential Buildings	No.	0	3
	Wholesale and retail trade buildings	No.	0	1
	Reservoirs, silos and warehouses	No.	0	1
	Public entertainment buildings	No.	0	1
	School, university and research buildings	No.	0	1
	Buildings used as places of worship and for religious activities	No.	1	5
	Historic or protected monuments	No.	0	2
	Other buildings not elsewhere classified	No.	0	33
	Unclassified	No.	5	486
Transportation	Primary Road	km	1.5	60.2
	Secondary Road	km	0.6	24.2
	Local Road	km	0.2	98.6
	Cart Track	km	8.5	149.0
Facilities	Dams	ha	0	0.2
	Constructions for mining or extraction	ha	0	7.2
	Power plant constructions	ha	0	0.03
	Sport and recreation constructions	ha	0	0.8
	Long-distance pipelines, communication and electricity lines	km	3.2	22.2
Land use	Shrub and/or herbaceous vegetation association	ha	2,885.1	16,898.6
	Open spaces with little or no vegetation	ha	803.0	3,707.8
	Arable land	ha	262.6	2,580.2
	Forests	ha	52.2	3,115.9
	Heterogeneous agricultural areas	ha	22.2	1,079.7
	Other	ha	17.4	697.3
	Permanent crops	ha	0	326.4
	Pastures	ha	0	261.6

Disclaimer:

Full disclaimer and other helpful information available in the online manual:

<https://emergency.copernicus.eu/mapping/ems/online-manual-rapid-mapping-products>

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Data Access:

All data displayed on the map(s), as well as the Physiography and Land Use - Land Cover layers, 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.

Access to 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 (2024), Wikimapia.org, GeoNames 2015,

Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 ©EuroGeographics.

Inset Maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2015.

Digital Elevation Model: COP-DEM-EEA-10-R product © DLR e.V. (2014-2018) and

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