 EMSR736 - AOI01


Wildfire in Gjirakastra and Vlorë, Albania


FRASHTAN

Situation as of 09/07/2024 09:25 UTC

Delineation - Overview map 01



 Active Flames 61 No.
Fire Fronts 10.1 km
Burnt area 1,282.7 ha




 Potentially affected population ~ 30

Potentially Affected Built-up and Transportations




 Built-Up 1 No.

 Road 1.8 km


Crisis Information

-  Active Flames
-  Fire Fronts
-  Burnt area






General Information

-  Area of Interest
-  Detail map
-  Not Analysed


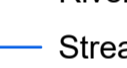


Placenames

-  Placename

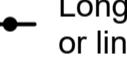




Built-Up Area

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

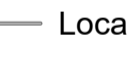
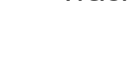

Hydrography

-  River
-  Stream
-  Lake
-  Reservoir


Facilities



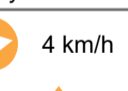

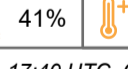

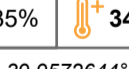
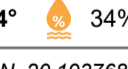

-  Long-distance pipelines or lines
-  Mining or extraction site
-  Power plant
-  Sport and recreation constructions
-  Dam

Transportation

-  Main road
-  Local road
-  Track

Unclassified

-  Unclassified

	Current		Forecast	
	09 July 09:25 UTC		10 July 09:25 UTC	11 July 09:25 UTC
Wind direction and speed	 9 km/h		 1 km/h	 4 km/h
Temperature and relative Humidity	 35°  41%		 34°  35%	 34°  34%

Data retrieved from ECMWF on July 10, 17:40 UTC. Calculated at: 39.9572644°N, 20.1937689°E

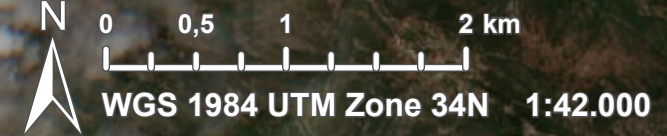
Event
On the 09 July 2024, a wildfire is reported to have affected Gjirakastra and Vlorë regions, Albania. Actually, the fire situation is under control and there is no existing danger to the villages. National Operational forces and two Canadian planes from Greece are working to extinguish the fire.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

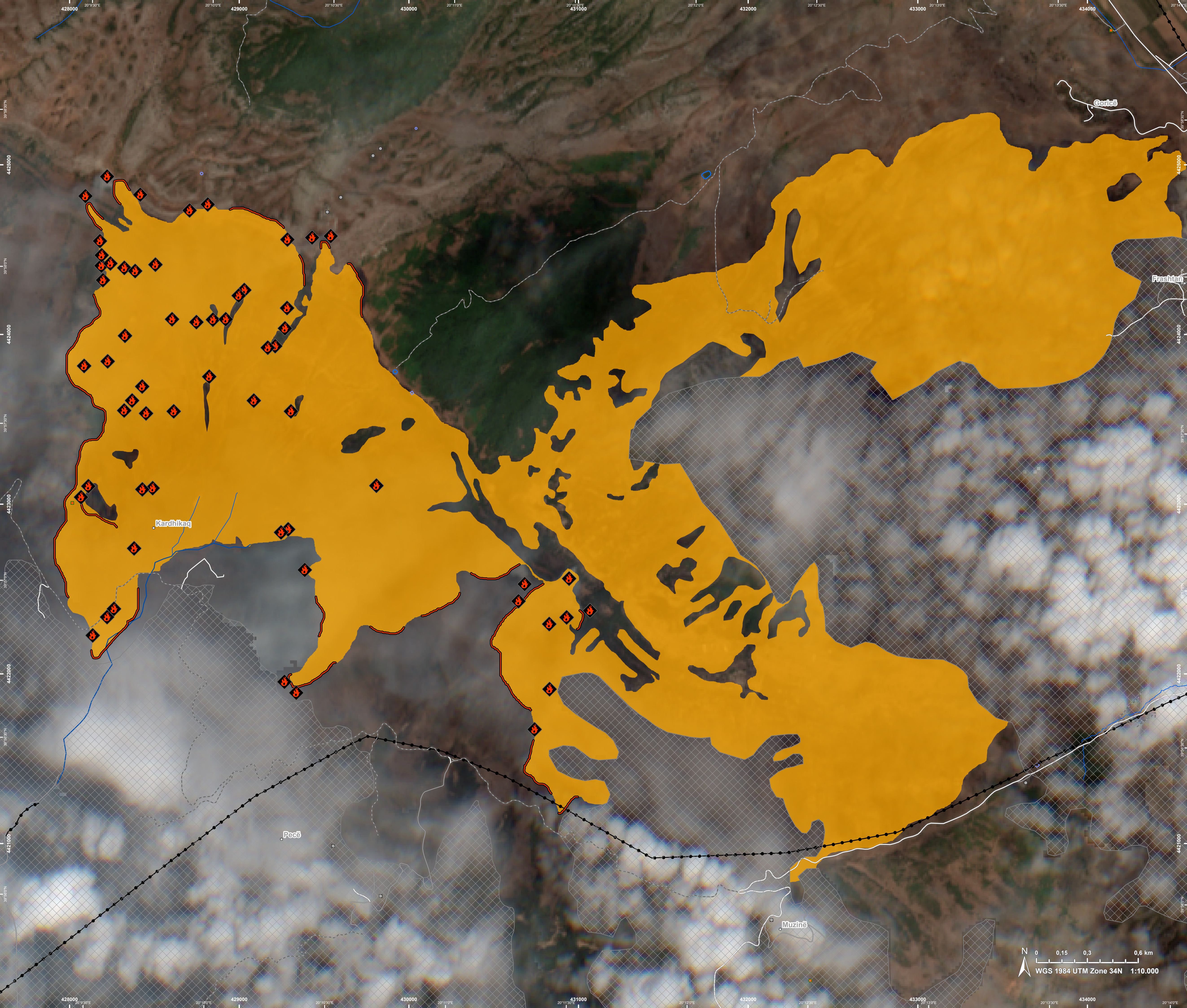
Data sources and analysis: Pre-event image: Sentinel-2A/B (2024) (acquired on 24/06/2024 at 09:30 UTC, resolution 20.0 m). Post-event image: Sentinel-2A/B (2024) (acquired on 09/07/2024 at 09:25 UTC, resolution 20 m). All images are provided under COPERNICUS by the European Union and ESA, all rights reserved. This image is used as background image.

The thematic layer has been derived from post-event satellite image by means of visual interpretation.

Map produced by ITHACA released by e-GEOS on the 12/07/2024.

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





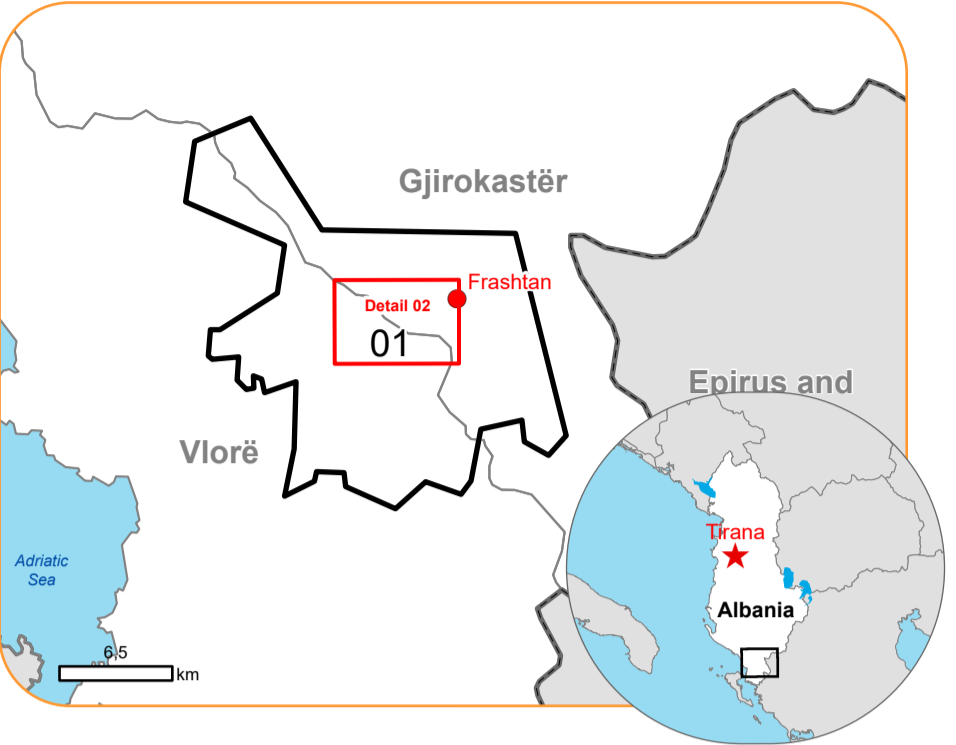
 EMSR736 - AOI01

Wildfire in Gjirokastra and Vlorë, Albania


FRASHTAN


Situation as of 09/07/2024 09:25 UTC


Delineation - Detail map 02




- Crisis Information


 Active Flames

 Fire Fronts


 Burnt area

General Information


 Area of Interest


 Not Analysed

Placenames


 Placename


Built-Up Area


 Non residential


 Unclassified

Hydrography


 River

 Stream


 Lake


 Reservoir












Facilities


 Long-distance pipelines or lines

Transportation

 Main road

 Local road

 Track
- | | Current | | Forecast | |
|-----------------------------------|---|---|---|-------------------|
| | 09 July 09:25 UTC | | 10 July 09:25 UTC | 11 July 09:25 UTC |
| Wind direction and speed |  9 km/h |  1 km/h |  4 km/h | |
| Temperature and relative Humidity |  35°  41% |  34°  35% |  34°  34% | |
- Data retrieved from ECMWF on July 10, 17:40 UTC. Calculated at: 39.9572644°N, 20.1937689°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 20.0 m). Post-event image: Sentinel-2A/B (2024) (acquired on 08/07/2024 at 09:25 UTC, resolution 20 m). All images are provided under COPERNICUS by the European Union and ESA, all rights reserved. This image is used as background image.
- The thematic layer has been derived from post-event satellite image by means of visual interpretation.
- Map produced by ITHACA released by e-GEOS on the 12/07/2024.
- Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR736>
-  PROGRAMME OF THE EUROPEAN UNION



Consequences within the AOI				
	Unit of measurement	Affected	Total in AOI	
Burnt area	ha		1.282,7	
Fire Fronts	km		10,1	
Active Flames	No.		61	
Estimated population	Number of inhabitants	~ 30	~ 6.400	
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.	0	471
Transportation	Primary Road	km	0,04	56,7
	Secondary Road	km	0,3	24,2
	Local Road	km	0	90,3
	Cart Track	km	1,4	136,4
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	0,6	21,5
Land use	Shrub and/or herbaceous vegetation association	ha	782,6	14.642,3
	Open spaces with little or no vegetation	ha	315,6	3.092,8
	Arable land	ha	146,0	2.457,0
	Heterogeneous agricultural areas	ha	22,2	1.014,1
	Forests	ha	16,2	2.844,0
	Other	ha	0,04	679,3
	Permanent crops	ha	0	320,5
	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>

© European Union / Copernicus Emergency Management Service

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

© Airbus Defence and Space GmbH (2020) provided under COPERNICUS by the European Union and ESA, all rights reserved.



PROGRAMME OF THE
EUROPEAN UNION

