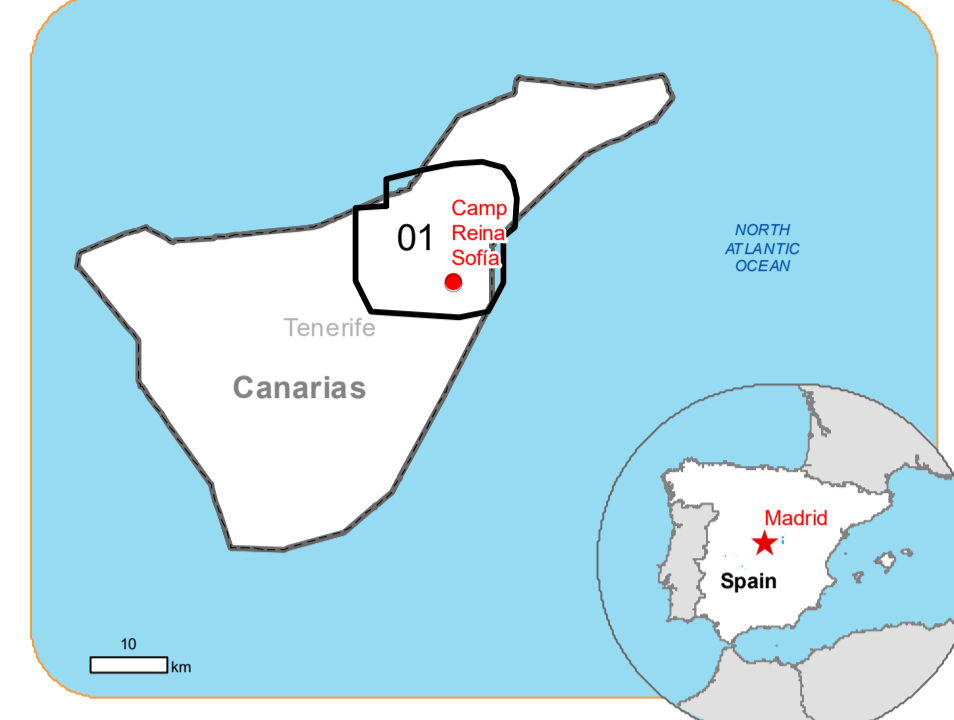


EMSR685 - AOI01
Wildfire in Spain
CANDELARIA

Situation as of 21/08/2023 11:56 UTC
Delineation MONIT01 Consolidation - Overview map 01






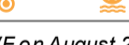
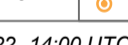




Active Flames 60 No.
Burnt area 9,572.2 ha

Potentially affected population ~ 750

Potentially Affected Built-up, Transportations and Facilities

Built-Up 167 No.	Road 321.9 km	Facilities 8.4 km 0.0 ha
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- Crisis Information**
- Active Flames
 - Burnt area
- General Information**
- Area of Interest
- Administrative boundaries**
- Municipality
- Placenames**
- Placename
- Built-Up Area**
- Residential
 - Non residential
 - Fire station
 - Reservoirs, silos and warehouses
 - School, university and research buildings
 - Hospital or institutional care buildings
 - Historic or protected monuments
 - Unclassified
- Hydrography**
- Coastline
 - Stream
 - Waterfall
 - Lake
 - Land Subject to Inundation
 - Open Water
 - Reservoir
- Facilities**
- Long-distance pipelines or lines
 - Local pipelines or lines
 - Dam
 - Mining or extraction site
 - Water Well
 - Power plant
 - Sport and recreation constructions
 - Water or Aquatic infrastructure
 - Dam
- Transportation**
- Highway
 - Main road
 - Local road
 - Track
 - Railway
 - Helipad

	Current		Forecast	
	21 August 11:56 UTC		22 August 11:56 UTC	23 August 11:56 UTC
Wind direction and speed	 6 km/h		 10 km/h	 6 km/h
Temperature and relative humidity	 27°  31%		 26°  44%	 26°  41%

Data retrieved from ECMWF on August 22, 14:00 UTC. Calculated at: 28°24'18"N, 16°29'8"E.

Event: On the evening of the 15 August 2023, a forest fire started on the island of Tenerife (Canary Islands). The event is on-going and has already affected the municipalities of Arafo and Candelaria with the risk of spreading to other municipalities. Copernicus EMS Rapid Mapping is requested to provide fire extent and damage assessment emergency mapping.

Data sources and analysis: Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 17/11/2022, resolution 0.6 m).
Post-event image: GeoEye © Maxar Technologies, Inc. (2023), (acquired on 21/08/2023 at 11:56 UTC, resolution 8.0 m). This image is used as background image.
Pleiades-1A/B © CNES (2023), distributed by Airbus DS (acquired on 21/08/2023 at 12:09 UTC, resolution 0.5 m).
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Base vector layers: OpenStreetMap © OpenStreetMap contributors (2023), Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 © EuroGeographics
Inset maps: JRC 2013, GISC0 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2015.

Population data: GHS Population Grid © European Commission, 2023
https://ghsl.jrc.ec.europa.eu/ghs_pop2023.php

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

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

Map produced by CLS released by e-GEOS on the 23/08/2023.

Details on this activation and service conditions available through the QR code or at the link:
<https://rapidmapping.emergency.copernicus.eu/EMSR685>

Consequences within the AOI		Unit of measurement	Affected	Total in AOI
Burnt area		ha		9,572.2
Active Flames		No.		60
Estimated population	Number of inhabitants		~ 750	~ 140,000
Built-up	Residential Buildings	No.	26	17,982
	Office buildings	No.	0	198
	Administrative	No.	0	14
	Institutional	No.	0	2
	Police station	No.	0	2
	Fire station	No.	0	1
	Wholesale and retail trade buildings	No.	0	215
	Industrial buildings	No.	3	832
	Reservoirs, silos and warehouses	No.	0	459
	Public entertainment buildings	No.	0	9
	Museums and libraries	No.	0	2
	School, university and research buildings	No.	0	110
	Hospital or institutional care buildings	No.	0	8
	Other non-residential buildings	No.	5	5
	Non-residential farm buildings	No.	36	2,567
	Buildings used as places of worship and for religious activities	No.	0	68
	Historic or protected monuments	No.	0	1
	Other buildings not elsewhere classified	No.	0	301
	Hotel buildings	No.	0	44
	Other short-stay accommodation buildings	No.	0	1
Transportation	Communication buildings, stations, terminals and associated buildings	No.	0	457
	Garage buildings	No.	0	1
	Unclassified	No.	97	6,997
	Helipad	ha	0.0	0.0
	Highways	km	1.0	75.8
	Primary Road	km	30.2	102.8
	Secondary Road	km	11.1	107.9
Facilities	Local Road	km	3.2	641.6
	Cart Track	km	276.4	1,033.4
	Long-distance railways	km	0.0	0.3
	Settling Basin	ha	0.0	1.0
	Breakwater	ha	0.0	0.9
	Dams	ha	0.0	0.3
	Constructions for mining or extraction	ha	0.0	188.4
	Power plant constructions	ha	0.0	6.6
	Sport and recreation constructions	ha	0.0	86.4
	Long-distance pipelines, communication and electricity lines	km	8.4	222.7
Land use	Local pipelines and cables	km	0.0	0.4
	Dams	km	0.0	0.4
	Forests	ha	7,064.4	10,619.9
	Open spaces with little or no vegetation	ha	1,649.7	7,631.6
	Shrub and/or herbaceous vegetation association	ha	683.4	2,667.4
	Heterogeneous agricultural areas	ha	66.0	2,664.8
	Arable land	ha	62.0	3,364.2
	Permanent crops	ha	42.0	3,626.5
	Other	ha	4.6	5,366.3
	Pastures	ha	0.0	261.5

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 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.

Access to
the portal



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