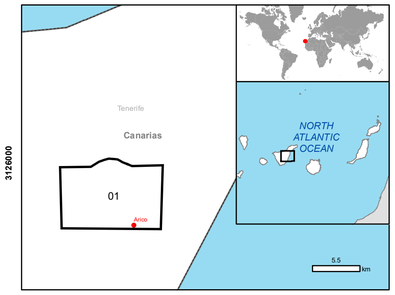
GLIDE number: N/A
Int. Charter Act. ID: N/A

Activation ID: EMSR512
Product N.: 01ARICO, v1

Arico - CANARY ISLANDS (SPA.)

Wildfire - Situation as of 22/05/2021

Delineation - Overview01



Cartographic Information

1:20000

Full color A1, 200 dpi resolution

0 0.4 0.8 1.6 km

N

Grid: WGS 1984 UTM Zone 28N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

Crisis Information
- Active Flames
- Fire Fronts
- Burnt Area

General Information
- Area of Interest
- Not Analysed

Administrative boundaries
- Municipality

Built-Up Area
- Residential
- Unclassified

Hydrography
- Stream
- Lake
- Reservoir

Transportation
- Local Road
- Cart Track
- Long-distance railway

Physiography & Land Use - Land Cover
Features available in the vector package

Consequences within the AOI				
		Unit of measurement	Affected	Total in AOI
Burnt area		ha		3 029.0
Active Flames		No.		16
Fire Fronts		km		0.2
Estimated population		Number of inhabitants	19	259
Built-up	Residential Buildings	No.	2	10
	Unclassified	No.	7	9
Transportation	Local Road	km	0.0	0.3
	Cart Track	km	49.1	154.8
	Long-distance railways	km	0.0	0.1
Land use	Arable land	ha	0.0	10.3
	Heterogeneous agricultural areas	ha	0.0	125.0
	Forests	ha	2 459.6	4 280.6
	Open spaces with little or no vegetation	ha	570.3	4 303.1

Map Information

On 05/20/2021, a major forest fire started on the Island of Tenerife (Canary Islands). This fire mainly affects the municipality of Arico in the south-east of the island and affects the Corona Forestal Natural Park near the Teide National Park, where there is a significant number of endemisms. Due to the adverse weather conditions the fire can be active for several days and affect populated areas. Copernicus EMS Rapid Mapping is requested to provide First Estimate Product, Delineation and Grading products.

The present map shows the fire delineation in the area of Arico (Canary Islands). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. Due to dense smoke, the burnt area delineation is not complete. "Not analysed" indicates an area that could not be analysed in any of the post-event images. The scale of analysis is 1:5000. The estimated geometric accuracy (RMSE) is 3.0 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	20/05/2021 09:45	Situation as of	22/05/2021 11:09
Activation	21/05/2021 11:58	Map production	22/05/2021

Data sources

Pre-event image: Sentinel-2B (2021) (acquired on 15/05/2021 at 11:52 UTC, GSD 10 m, approx. 0% cloud coverage in AoI) provided under COPERNICUS by the European Union and ESA.

Post-event image: SPOT6/7 © Airbus DS (2021), (acquired on 22/05/2021 at 11:09 UTC, GSD 1.5 m, approx. 1% cloud coverage in AoI, 28.4° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2021), Wikimapia.org, GeoNames 2015, INSIDE EUROPE Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 © EuroGeographics,
Inset maps: INSIDE EUROPE JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2015.

Population data:GHS Population Grid © European Commission, 2019 https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php

Disclaimer

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

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

For the latest version of this map and related products visit https://emergency.copernicus.eu/EMSR512

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