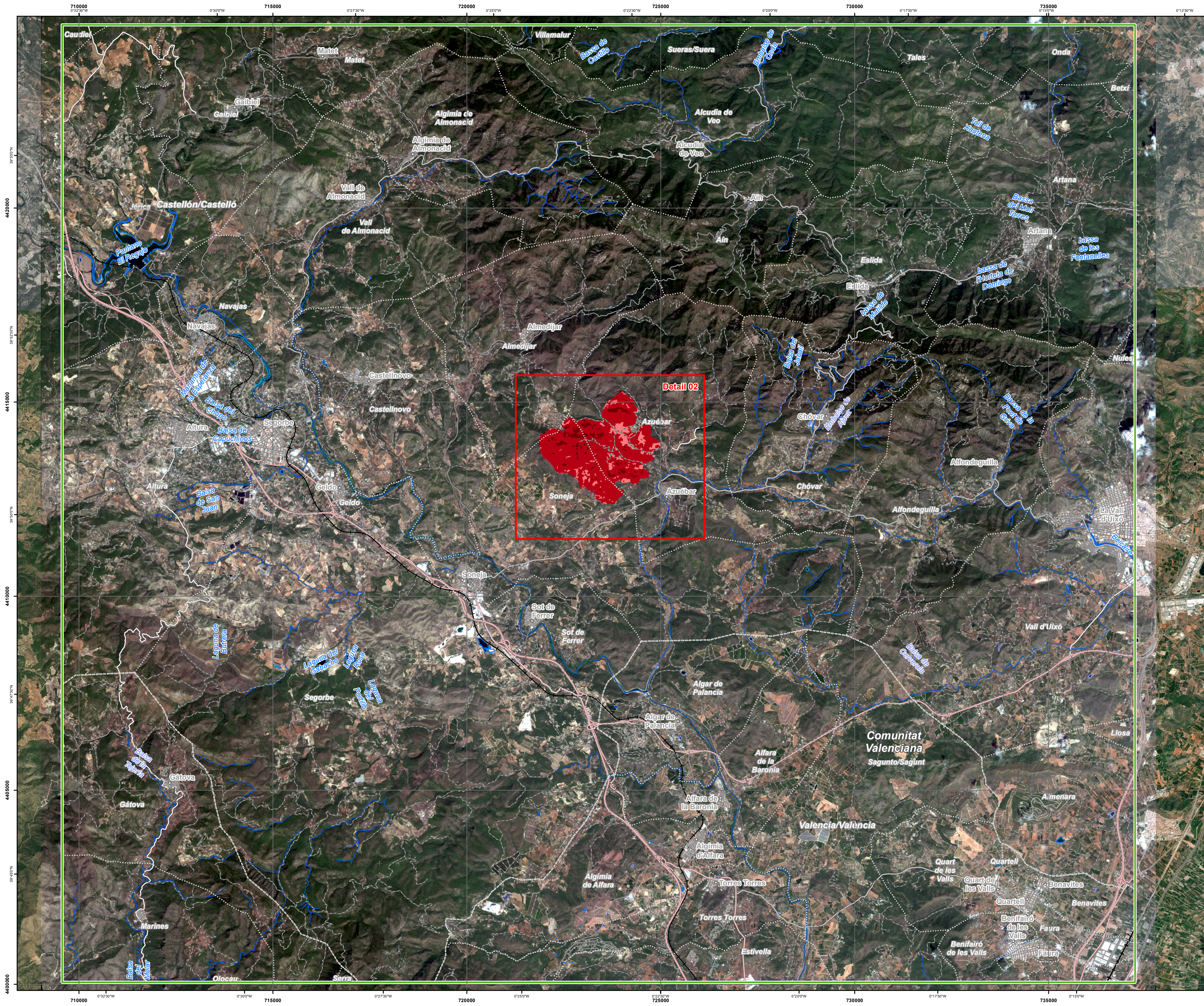


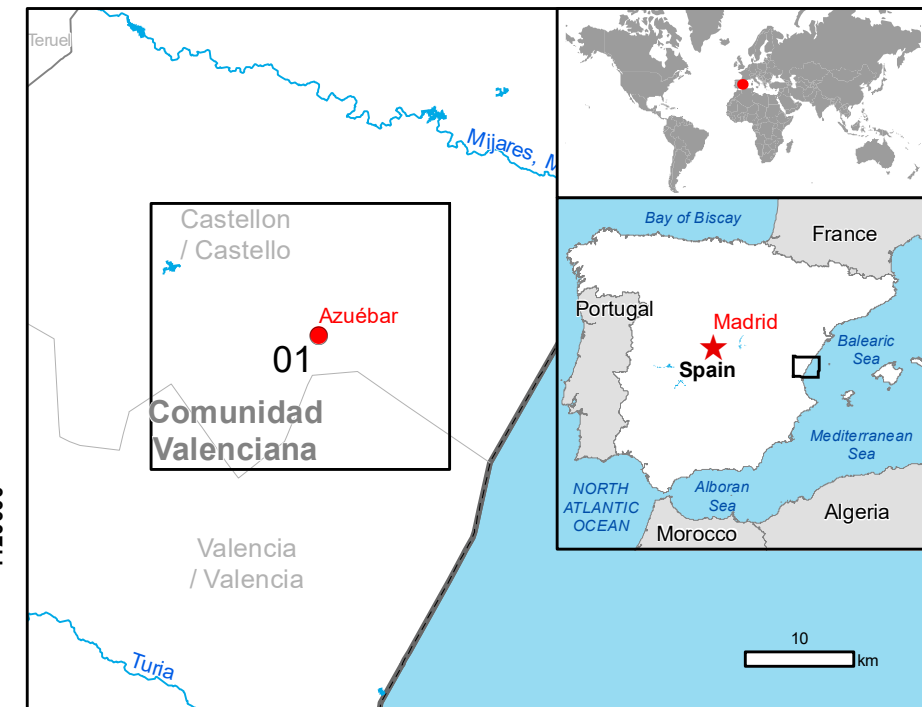


GLIDE number: N/A Activation ID: EMSR537
Int. Charter Act. ID: N/A Product N.: 01AZUEBAR, v1

AZUEBAR - SPAIN

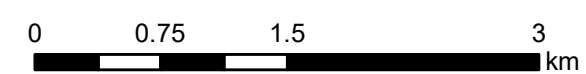
Wildfire - Situation as of 21/08/2021

Grading - Overview map 01



Cartographic Information

1:45000 Full color A1, 200 dpi resolution



Grid: WGS 1984 UTM Zone 30N map coordinate system
Tick marks: WGS 84 geographical coordinate system



Legend

Crisis Information	General Information	Hydrography
Transportation Grading	Area of Interest	River
Primary Road, No visible damage	Detail map	Stream
Secondary Road, No visible damage	Not Analysed	Lake
Local Road, No visible damage	Province	Land Subject to Inundation
Cart Track, No visible damage	Municipality	Reservoir
Long-distance railway, No visible damage	Placenames	Physiography & Land Use - Land Cover
Airfield runway, No visible damage	Placename	Features available in the vector package
Land Use-Cover Grading		
Destroyed		
Damaged		
Possibly damaged		

Consequences within the AOI		Unit of measurement						Total in AOI	
		ha	Destroyed	Damaged	Possibly damaged	Total	Effect*		
Burnt area	Number of inhabitants	km	0.0	0.0	0.0	0.0	0.0	462.0	0.0
Estimated population		km	0.0	0.0	0.0	0.0	0.0	136.6	0.0
Transportation		km	0.0	0.0	0.0	0.0	0.0	38.4	0.0
Airfield runways		km	0.0	0.0	0.0	0.0	0.0	38.4	0.0
Highways		km	0.0	0.0	0.0	0.0	0.0	466.0	0.0
Primary road		km	0.0	0.0	0.0	0.0	0.0	1,662.4	0.0
Secondary road		km	0.0	0.0	0.0	0.0	0.0	35.5	0.0
Local road		km	0.0	0.0	0.0	0.0	0.0	13,489.1	0.0
Cart track		km	0.0	0.0	0.0	0.0	0.0	120.9	0.0
Long-distance railways		km	0.0	0.0	0.0	0.0	0.0	5,950.1	0.0
Land use		ha	0.0	2.2	1.4	3.7	13,489.1	14,087.4	0.0
Permanent crops		ha	0.0	0.0	0.0	0.0	0.0	29.4	0.0
Plum trees		ha	0.0	15.5	25.8	45.3	5,950.1	14,087.4	0.0
Heterogeneous agricultural areas		ha	4.1	48.1	5.6	58.8	29.4	29,713.9	0.0
Forest		ha	26.7	355.0	25.4	387.1	387.1	3,191.5	0.0
Shrub and/or herbaceous vegetation association		ha	0.0	0.0	0.0	0.0	0.0	1,088.5	0.0
Open spaces with little or no vegetation		ha	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other		ha	0.0	0.0	0.0	0.0	0.0	0.0	0.0

* Presence of damage areas and property with destroyed/damaged asset
* Sum of Destroyed, Damaged and Possibly damaged

Map Information

On 14/08/2021, a major forest fire started in Azuebar (Castellón), located in Sierra de Espadán Natural Park. The residents of the municipality have been evacuated for precautionary reasons. Due to the adverse weather conditions, next hours will be crucial. Copernicus EMS Rapid Mapping is requested to provide First Estimate Product, Delineation and Grading products.

The present map shows the fire damage grade assessment in the area of Azuebar (Spain). The scale of analysis is 1:25000. The estimated geometric accuracy (RMSE) is 10.0 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 625 sq m.

Relevant date records (UTC)

Event	14/08/2021 20:00	Situation as of	21/08/2021 10:16
Activation	16/08/2021 11:11	Map production	21/08/2021

Data sources

Pre-event image: Pre-event image: Sentinel-2A/B (2011) (13/08/2021 at 10:50 UTC, GSD 10.0 m, approx. 0% cloud coverage in AoI, 0° off-nadir angle) provided under COPERNICUS by the European Union and ESA.

Post-event image: SPOT6/7 @ Airbus DS (2021), (acquired on 21/08/2021 at 10:16 UTC, GSD 6.0 m, approx. 1% cloud coverage in AoI, 21.6° 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, Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 © EuroGeographics, refined by the producer.

Inset maps: JRC 2013, GISC 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

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

Disclaimer

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

Map produced by GAF AG released by e-GEOS (ODO).

For the latest version of this map and related products visit https://emergency.copernicus.eu/EMSR537

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