

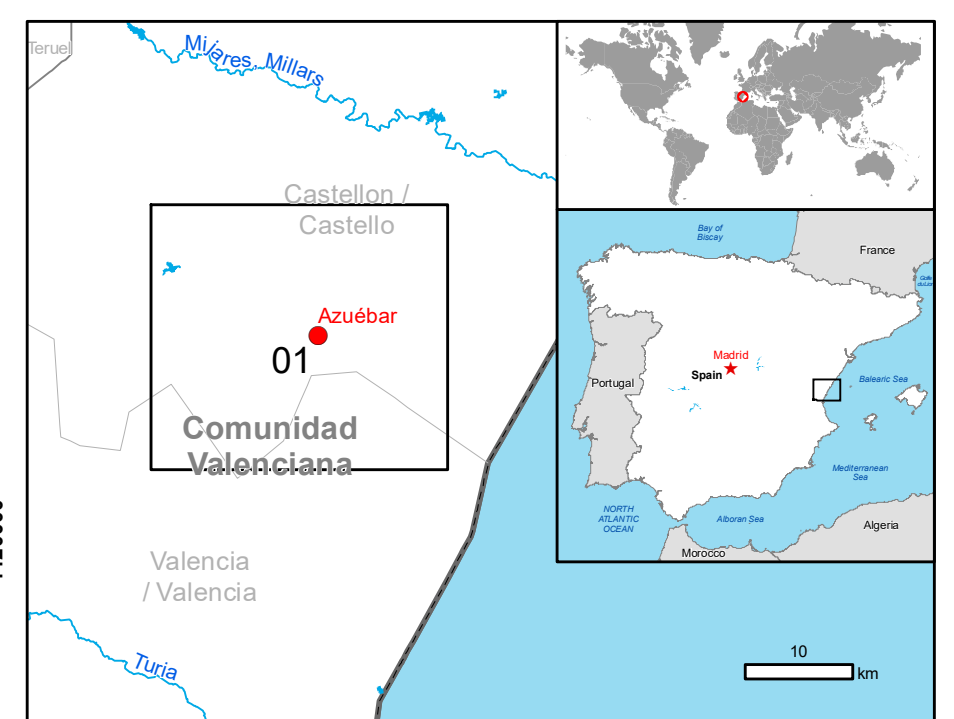


GLIDE number: N/A
Int. Charter Act. ID: N/A
Activation ID: EMSR537
Product N.: 01AZUEBAR, v1

Azuebar - SPAIN

Wildfire - Pre-event situation

Reference - Overview map 01



Cartographic Information

1:45000
Full color A1, 200 dpi resolution
0 0.75 1.5 3 km
Grid: WGS 1984 UTM Zone 30N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

General Information

- Use of land
- Administrative boundaries
- Place names
- Build-up Area
- Facilities
- Land use

Hydrography

- Stream
- Lake
- Land Subject to Inundation
- Reservoir
- Power and communication line
- Navigation canal
- Dam
- Barren Structure

Facilities - Area Feature

- Industrial building
- Sport and recreation constructions
- Swamp Site
- Dump
- Refilling Basin
- Transportation
- Primary Road
- Secondary Road
- Other civil engineering works not otherwise classified
- Long-distance pipelines, communication and electricity lines
- Local pipelines and cables
- Navigation canals
- Barren Structure
- Dams
- Arable land
- Permanent crops
- Pastures
- Heterogeneous agricultural areas
- Forests
- Shrub and/or herbaceous vegetation association
- Open spaces with little or no vegetation
- Other

Physiography & Land Use - Land Cover

Features available in the vector package

Exposure within the AOI		Unit of measurement		Total in AOI
Estimated population		Number of inhabitants		56,430
Buildings		Number of buildings		307,471
Residential buildings		ha		0.8
Office buildings		ha		0.2
Industrial buildings		ha		163.2
Warehouses and retail trade		ha		30.9
School, university and research buildings		ha		11.7
Military		ha		0.3
Convent		ha		8.3
Transportation		km		136.8
Highway		km		34.4
Primary Road		km		96.5
Secondary Road		km		2.4
Refilling Basin		ha		119.3
Dams		ha		0.9
Constructions for mining or extraction		ha		46.4
Sport and recreation constructions		ha		46.4
Other civil engineering works not otherwise classified		ha		46.7
Long-distance pipelines, communication and electricity lines		km		92.7
Local pipelines and cables		km		19.12
Navigation canals		km		4.2
Barren Structure		km		0.0
Dams		km		0.4
Land use		ha		247.0
Arable land		ha		11,495.1
Permanent crops		ha		125.9
Pastures		ha		5,853.1
Heterogeneous agricultural areas		ha		14,087.4
Forests		ha		14,087.4
Shrub and/or herbaceous vegetation association		ha		20,719.9
Open spaces with little or no vegetation		ha		5,191.5
Other		ha		1,558.5

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 basic topographic features derived from public datasets, refined by means of visual interpretation of pre-event imagery in the area of Azuebar (Spain). The scale of analysis is 1:25000. The estimated geometric accuracy (RMSE) is 20.0 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 2500 sq m.

Relevant date records (UTC)

Event	14/08/2021 20:00	Situation as of	13/08/2021 10:50
Activation	16/08/2021 11:11	Map production	17/08/2021

Data sources

Pre-event image: Sentinel-2A/B (2021) (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.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2021), Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 © EuroGeographics, Global Administrative Areas (GADM) 2017, refined by the producer. Inset maps: 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
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

Disclaimer

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

Map produced by ITHACA released by SERTIT (ODO).

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

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