

Flood Trace
9.2 ha

Potentially affected population
~ Not available

Affected Built-up and Transportations

Road
4.7 km

Crisis Information

Flood trace

Transportation Grading

- Road, Damaged
- Road, Possibly damaged
- Highway, No visible damage
- Main road, No visible damage
- Local road, No visible damage
- Track, No visible damage
- Railway, No visible damage

General Information

- Area of Interest
- Not Analysed

Administrative Boundaries

- Municipality

Placenames

- Placename

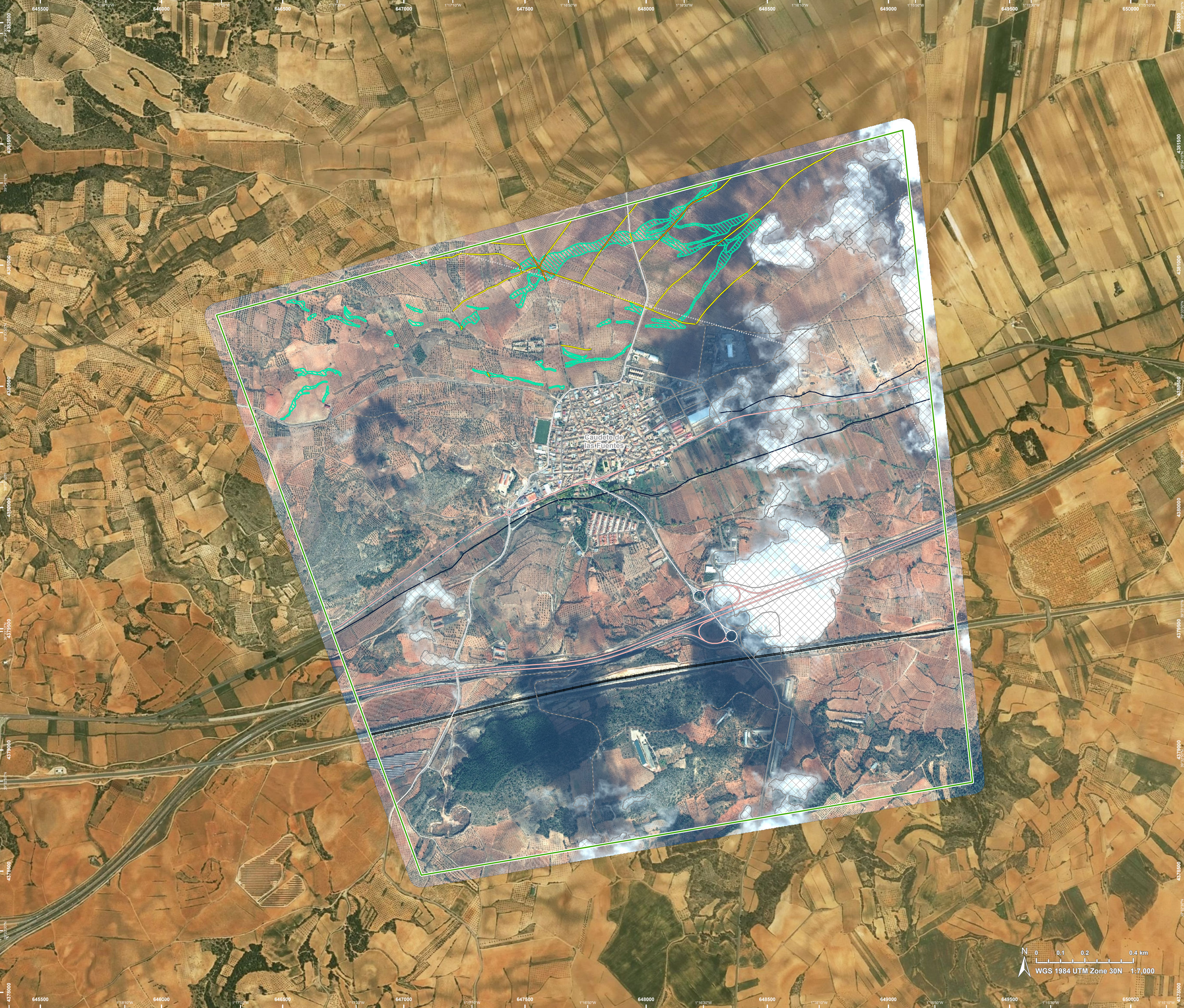
Event: On 29 October 2024 at 14:30 UTC, an extraordinary rainfall event affected the Levante region. High water levels in rivers caused flooding in Ribera Alta, Horta, La Plana de Utiel and Letur river. On 31 October 2024, extraordinary precipitation caused flooding in the Castellon Province area. Copernicus EMS Rapid Mapping is requested to provide emergency mapping of flood extent, Monitoring and classification damages emergency mapping.

Data sources and analysis: Pre-event image: [Worldview-2] © Maxar Technologies, Inc. (2024), (acquired on 08/05/2024 at 11:04 UTC, resolution 0.5 m).
Post-event image: [Worldview-2] © Maxar Technologies, Inc. (2024), (acquired on 02/11/2024 at 10:50 UTC, resolution 0.5 m).
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The thematic layer has been derived from post-event satellite image by means of visual interpretation.

Map produced by GAF AG released by e-GEOS on the 11/11/2024.

Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR773>



Consequences within the AOI						
	Unit of measurement	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Flood trace	ha					9.2
Estimated population	Number of inhabitants				NA	~ 650
Built-up	School, university and research buildings	No. 0	0	0	0	1
	Unclassified	No. 0	0	0	0	21
Transportation	Highways	km 0	0	0	0	9.2
	Secondary Road	km 0	0	0.04	0.04	4.3
	Local Road	km 0	0.1	0.2	0.3	21.1
	Cart Track	km 0	0.5	3.9	4.4	18.6
	Long-distance railways	km 0	0	0	0	4.9
Facilities	Constructions for mining or extraction	ha 0	0	0	0	8.9
	Sport and recreation constructions	ha 0	0	0	0	2.9
	Long-distance pipelines, communication and electricity lines	km 0	0	0	0	2.3
	Local pipelines and cables	km 0	0	0	0	4.6
Land use	Permanent crops	ha			9.2	530.5
	Heterogeneous agricultural areas	ha			0	23.4
	Shrub and/or herbaceous vegetation association	ha			0	86.5
	Other	ha			0	30.3
* Presence of damage proxies and proximity with destroyed/damaged asset						
** Sum of all damage classes						

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 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.

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.
 FABDEM (ForestAndBuildingsremovedCopernicusDEM) removes building and tree height biases from the Copernicus GLO 30 Digital Elevation Model (DEM) (Airbus,2020).

Access to the portal

