

EMSR773 - AOI16
Flood in Spain
BENICULL DE XUQUER

Situation as of 11/11/2024 13:00 UTC
Grading Consolidation - Overview map 01



Erosion 0.4 ha
Flood trace 17.1 ha

Potentially affected population ~ 20

Affected Built-up and Transportations

Built-Up 12 No.
Road 1.1 km

- Crisis Information**
- Flood trace
 - Erosion
- Built Up Grading**
- Damaged
 - Possibly damaged
- Transportation Grading**
- Road, Destroyed
 - Road, Damaged
 - Road, Possibly damaged
 - Highway, No visible damage
 - Main road, No visible damage
 - Local road, No visible damage
 - Track, No visible damage
- General Information**
- Area of Interest
 - Detail map
- Administrative Boundaries**
- Municipality
- Placenames**
- Placename
- Hydrography**
- Lake, River
 - Watercourse


Event: On 29 October 2024 at 14:30 UTC, an extraordinary rainfall event affected the Valencia 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: ESRI World Imagery © DigitalGlobe (acquired on 28/10/2023, resolution 0.6 m). Post-event image: Aerial data @ European Commission (acquired on 11/11/2024 13:00 UTC, resolution 0.2 m) provided under Copernicus by CGR, Compagnia Generale Ripreseseree (S.P.A.), all rights reserved. This image is used as background image. All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

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


Map produced by GAF AG released by e-GEOS on the 20/11/2024.

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





EMSR773 - AO116
Flood in Spain
BENICULL DE XUQUER



Situation as of 11/11/2024 13:00 UTC
Grading Consolidation - Detail map 02










Crisis Information

-  Flood trace
-  Erosion


Built Up Grading

-  Damaged
-  Possibly damaged


Transportation Grading

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


General Information

-  Area of Interest



Administrative Boundaries

-  Municipality

Placenames

-  Placename

Hydrography

-  Lake, River
-  Watercourse

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Consequences within the AOI						
	Unit of measurement		Destroyed	Damaged	Possibly damaged*	Total affected**
Erosion	ha					0.4
Flood trace	ha					17.1
Estimated population	Number of inhabitants					~ 20
Built-up						~ 9,600
	Residential Buildings	No.	0	3	5	8
	Office buildings	No.	0	0	0	0
	Administrative	No.	0	0	0	0
	Institutional	No.	0	0	0	0
	Police station	No.	0	0	0	0
	Wholesale and retail trade buildings	No.	0	0	0	0
	Industrial buildings	No.	0	0	3	3
	Reservoirs, silos and warehouses	No.	0	0	0	0
	Public entertainment buildings	No.	0	0	0	0
	Museums and libraries	No.	0	0	0	0
	School, university and research buildings	No.	0	0	0	0
	Non-residential farm buildings	No.	0	0	1	1
	Buildings used as places of worship and for religious activities	No.	0	0	0	0
	Unclassified	No.	0	0	0	0
Transportation	Highways	km	0	0	0	0
	Primary Road	km	0	0	0	0
	Secondary Road	km	0	0	0	0
	Local Road	km	0.3	0	0.4	0.7
	Cart Track	km	0	0.2	0.3	0.5
Facilities	Constructions for mining or extraction	ha	0	0	0	0
	Sport and recreation constructions	ha	0	0	0	0
	Long-distance pipelines, communication and electricity lines	km	0	0	0	0
	Local pipelines and cables	km	0	0	0	0
Land use	Permanent crops	ha				12.0
	Heterogeneous agricultural areas	ha				5.4
	Other	ha				0.3
	Forests	ha				0
	Shrub and/or herbaceous vegetation association	ha				0
* 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.

Digital Elevation Model:

FABDEM (ForestAndBuildingsremovedCopernicusDEM) removes building and tree height biases from the Copernicus GLO 30

Digital Elevation Model (DEM) (Airbus,2020).

Access to the portal



PROGRAMME OF THE
EUROPEAN UNION

