

**EMSR773 - AOI28**  
**Flood in Spain**  
**PEDRALBA**

Situation as of 17/11/2024 13:21 UTC  
Grading - Overview map 01



**Flooded area 0.6 ha**  
**Flood trace 53.3 ha**

**Potentially affected population ~ 80**

Affected Built-up and Transportations

**Built-Up**  
73 No.

**Road**  
4.6 km

- Crisis Information**
- Flooded Area
  - Flood trace
  - Built Up Grading**
    - Destroyed
    - Damaged
    - Possibly damaged
  - Facilities Grading**
    - Possibly damaged
  - Transportation Grading**
    - Bridge and elevated highway, Destroyed
    - Road, Destroyed
    - Road, Damaged
    - Road, Possibly damaged
    - Local road, No visible damage
    - Track, No visible damage
- General Information**
- Area of Interest
  - Detail map
  - Placenames**
    - Placename
  - Hydrography**
    - Lake, River

**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: WorldView-3 © Maxar Technologies, Inc. (year of acquisition), (acquired on 14/06/2024 at 11:06 UTC, resolution 0.3 m).  
Post-event image: Aerial data @ European Commission (acquired on 17/11/2024 13:21 UTC, resolution 0.2 m) provided under Copernicus by CGR, Compagnia Generale Ripreseaeree (S.P.A.), all rights reserved.  
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The thematic layer has been derived from post-event satellite image by means of visual interpretation.

Map produced by Telespazio Iberica released by SERTIT on the 27/11/2024.

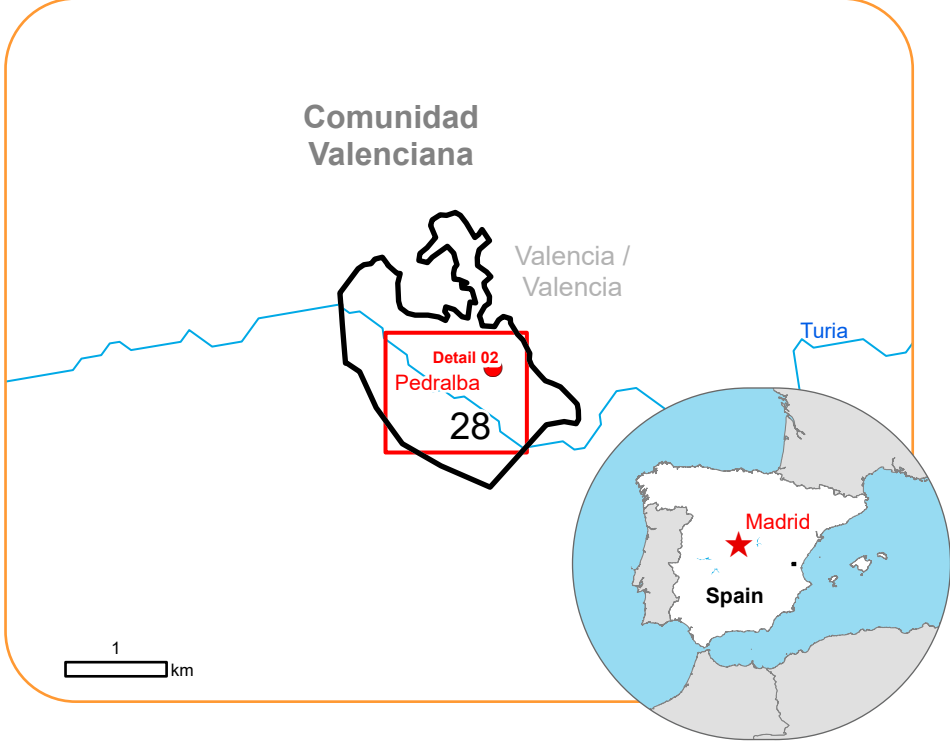
Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR773>





**EMSR773 - AOI28**  
**Flood in Spain**  
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Situation as of 17/11/2024 13:21 UTC  
Grading - Detail map 02



- Crisis Information**
- Flooded Area
  - Flood trace
- Built Up Grading**
- Destroyed
  - Damaged
  - Possibly damaged
- Facilities Grading**
- Possibly damaged
- Transportation Grading**
- Bridge and elevated highway, Destroyed
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Consequences within the AOI						
	Unit of measurement		Destroyed	Damaged	Possibly damaged*	Total affected**
Flood trace	ha					53.3
Flooded area	ha					0.6
Estimated population	Number of inhabitants					~ 80
Built-up	Residential Buildings	No.	0	1	21	22
	Office buildings	No.	0	0	0	0
	Wholesale and retail trade buildings	No.	0	0	1	1
	Industrial buildings	No.	0	0	0	0
	Industrial buildings and warehouses	No.	6	25	15	46
	Public entertainment, education, hospital or institutional care buildings	No.	0	0	0	0
	Non-residential farm buildings	No.	3	1	0	4
Transportation	Local Road	km	0.1	0.4	0.6	1.0
	Cart Track	km	2.8	0.6	0.2	3.6
	No Driveway	km	0.03	0	0	0.03
	Bridges and elevated highways	No.	1	0	0	1
Facilities	Settling Basin	ha	0	0	0	0
	Sport and recreation constructions	ha	0	0	0.04	0.04
Land use	Heterogeneous agricultural areas	ha				22.5
	Shrub and/or herbaceous vegetation association	ha				15.5
	Permanent crops	ha				14.3
	Other	ha				1.6
* 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

Access to the portal



PROGRAMME OF THE  
EUROPEAN UNION

