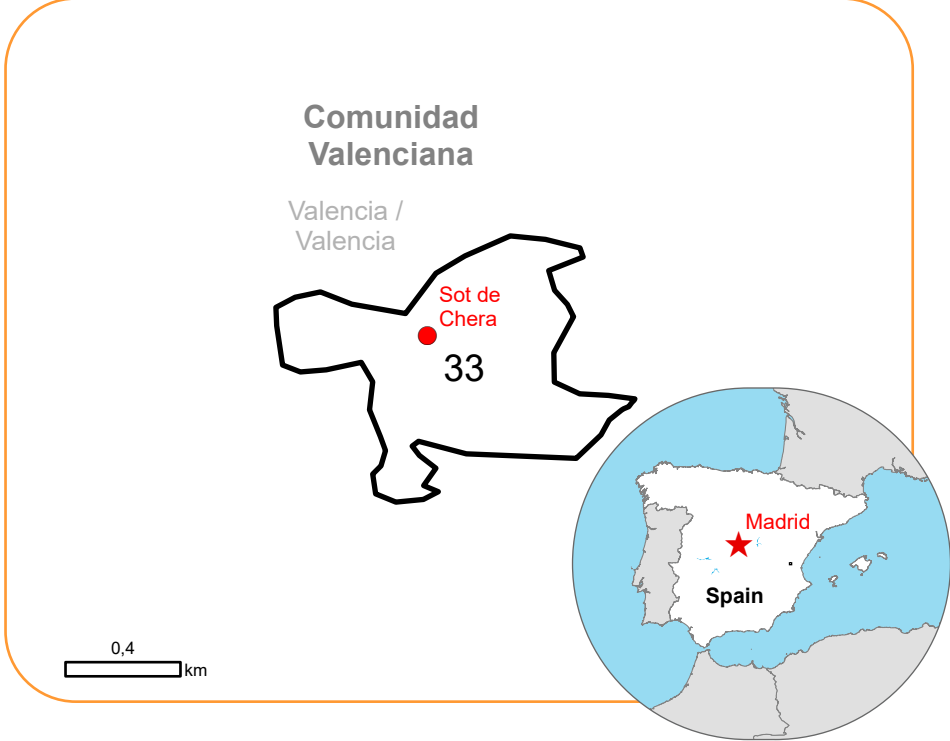


EMS773 - AOI33  
Flood in Spain  
SOT DE CHERA

Situation as of 11/11/2024 11:20 UTC  
Grading - Overview map 01



Flooded area 3.1 ha  
Flood trace 12.3 ha  
Potentially affected population ~ 70

Affected Built-up and Transportations

Built-Up 62 No.  
Road 3.5 km  
Bridge 3 No.

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

**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 17/04/2024, resolution 0.6 m).

Post-event image: Pléiades-1A/B © CNES (2024), distributed by Airbus DS (acquired on 11/11/2024 at 11:20 UTC, resolution 0.5 m). 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 satellite image using a semi-automatic approach OR by means of visual interpretation.

This analysis has been supplemented by the social media.

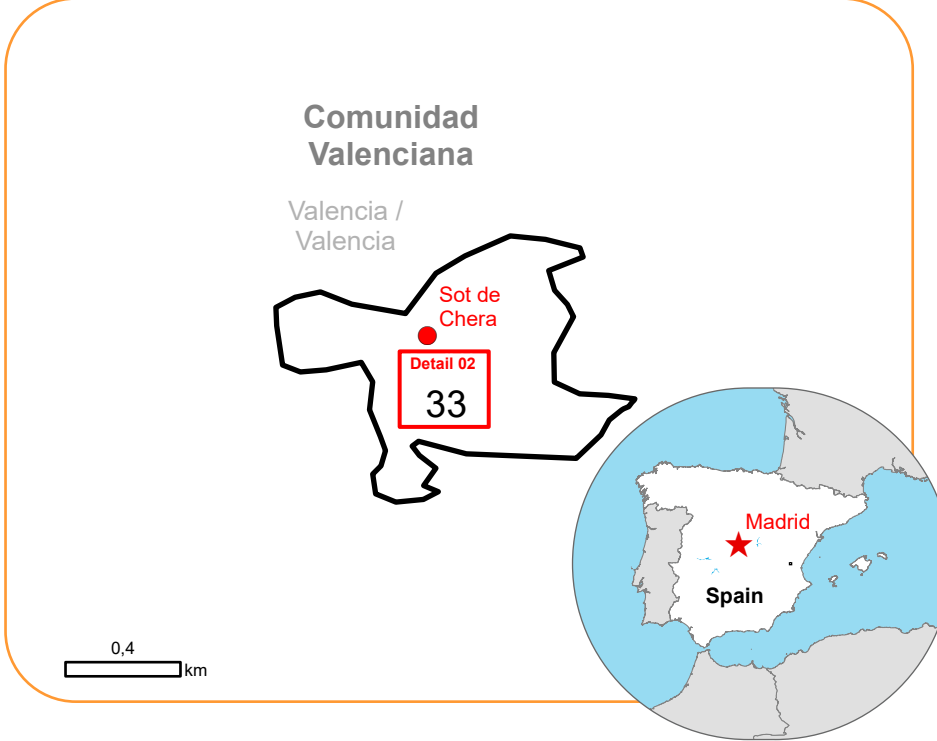
Map produced by CLS released by e-GEOS on the 21/11/2024.

Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMS773>






 EMSR773 - AOI33  
Flood in Spain  
SOT DE CHERA




Situation as of 11/11/2024 11:20 UTC  
Grading - Detail map 02




**Crisis Information**

-  Blocked road / interruption
-  Flooded Area
-  Flood trace







**Built Up Grading**

-  Destroyed
-  Damaged
-  Possibly damaged


**Facilities Grading**

-  Destroyed


**Transportation Grading**

-  Bridge and elevated highway, Destroyed
-  Bridge and elevated highway, Possibly damaged
-  Road, Destroyed
-  Road, Damaged
-  Local road, No visible damage
-  Track, No visible damage

**General Information**

-  Area of Interest

**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.

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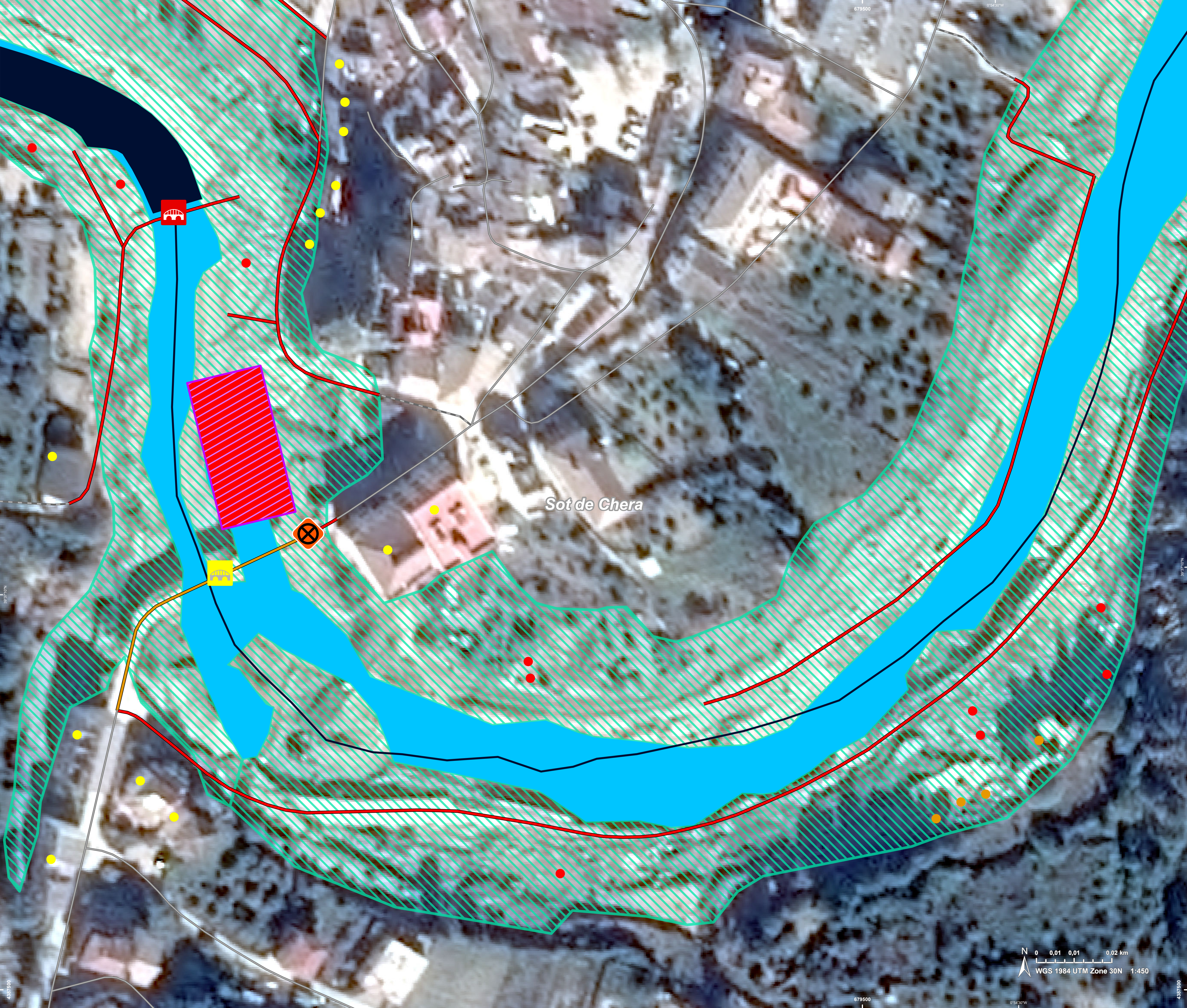
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| Consequences within the AOI   |  |     |           |         |                   |                  |              |
|---|--|-----|-----------|---------|-------------------|------------------|--------------|
|   | Unit of measurement  |     | Destroyed | Damaged | Possibly damaged* | Total affected** | Total in AOI |
| Flood trace   | ha   |     |           |         |                   |                  | 12,3         |
| Flooded area  | ha   |     |           |         |                   |                  | 3,1          |
| Ancillary Crisis Information  | Blocked road / interruption                                      | No. |           |         |                   |                  | 1            |
| Estimated population  | Number of inhabitants  |     |           |         |                   | ~ 70             | ~ 300        |
| Built-up  | Institutional  | No. | 0         | 0       | 0                 | 0                | 1            |
|   | Wholesale and retail trade buildings                             | No. | 0         | 0       | 0                 | 0                | 1            |
|   | Museums and libraries  | No. | 0         | 0       | 0                 | 0                | 1            |
|   | Other non-residential buildings                                  | No. | 2         | 4       | 0                 | 6                | 6            |
|   | Buildings used as places of worship and for religious activities | No. | 0         | 0       | 0                 | 0                | 1            |
|   | Unclassified   | No. | 29        | 4       | 23                | 56               | 481          |
| Transportation  | Secondary Road   | km  | 0         | 0       | 0                 | 0                | 1,0          |
|   | Local Road   | km  | 0,2       | 0,1     | 0                 | 0,2              | 4,1          |
|   | Cart Track   | km  | 1,6       | 0,1     | 0                 | 1,7              | 5,3          |
|   | No Driveway  | km  | 1,5       | 0       | 0                 | 1,5              | 1,5          |
|   | Bridges and elevated highways                                    | No. | 2         | 0       | 1                 | 3                | 3            |
| Facilities  | Sport and recreation constructions                               | ha  | 0,1       | 0       | 0                 | 0,1              | 0,5          |
|   | Other civil engineering works not elsewhere classified           | ha  | 0         | 0,1     | 0                 | 0,1              | 0,1          |
|   | Local pipelines and cables                                       | km  | 0         | 0       | 0                 | 0                | 1,4          |
| Land use  | Other  | ha  |           |         |                   | 8,2              | 26,7         |
|   | Shrub and/or herbaceous vegetation association                   | ha  |           |         |                   | 7,3              | 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.  
 Digital Elevation Model: © Spain National Data (2015), Digital Elevation Model (DEM) (Airbus,2020).

Access to the portal



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