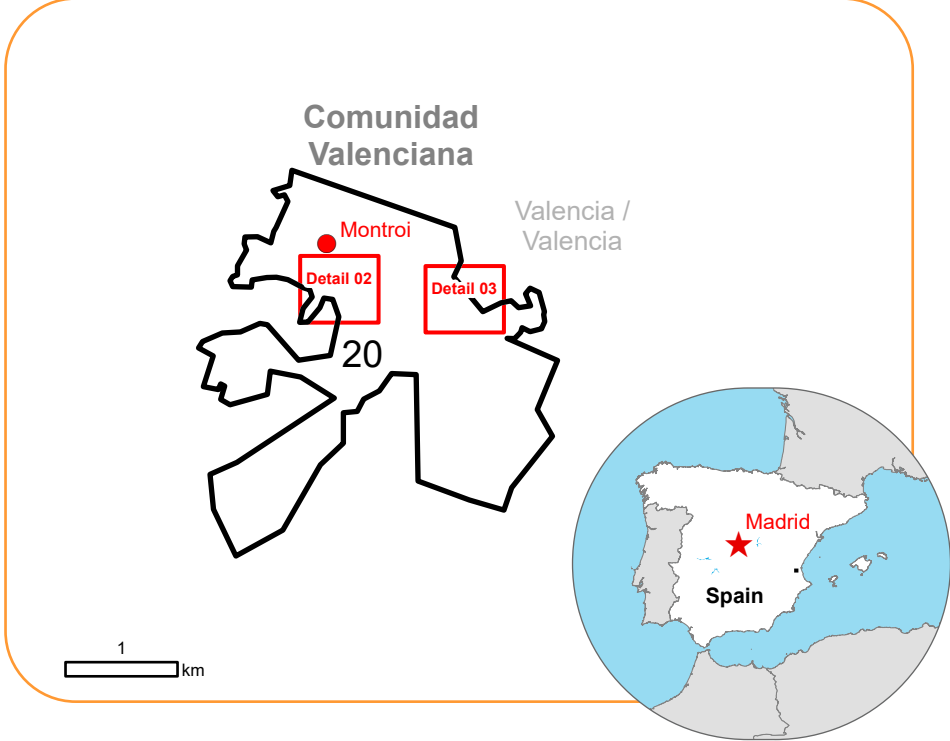


EMSR773 - AOI20
Flood in Spain
MONTROI

Situation as of 09/11/2024 10:47 UTC
Grading - Overview map 01



Flooded area 14.7 ha
Flood trace 51 ha

Potentially affected population ~ 100

Affected Built-up and Transportations

Built-Up 22 No.
Road 3.3 km

Crisis Information

- Flood trace
- Built Up Grading
 - Destroyed
 - Possibly damaged
- Transportation Grading
 - Road, Destroyed
 - Road, Damaged
 - Road, Possibly damaged
 - 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

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. (acquired on 14/06/2024 at 06:28 UTC, resolution 0.3 m).

Post-event image: Pléiades-1A/B © CNES (2024), distributed by Airbus DS (acquired on 09/11/2024 at 10:47 UTC, resolution 0.5 m). This image is used as background image.

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The thematic layer has been derived from post-event satellite image using a semi-automatic approach.

This analysis has been supplemented by the social media.

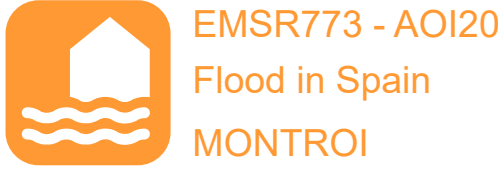
Map produced by CLS released by e-GEOS on the 16/11/2024.

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

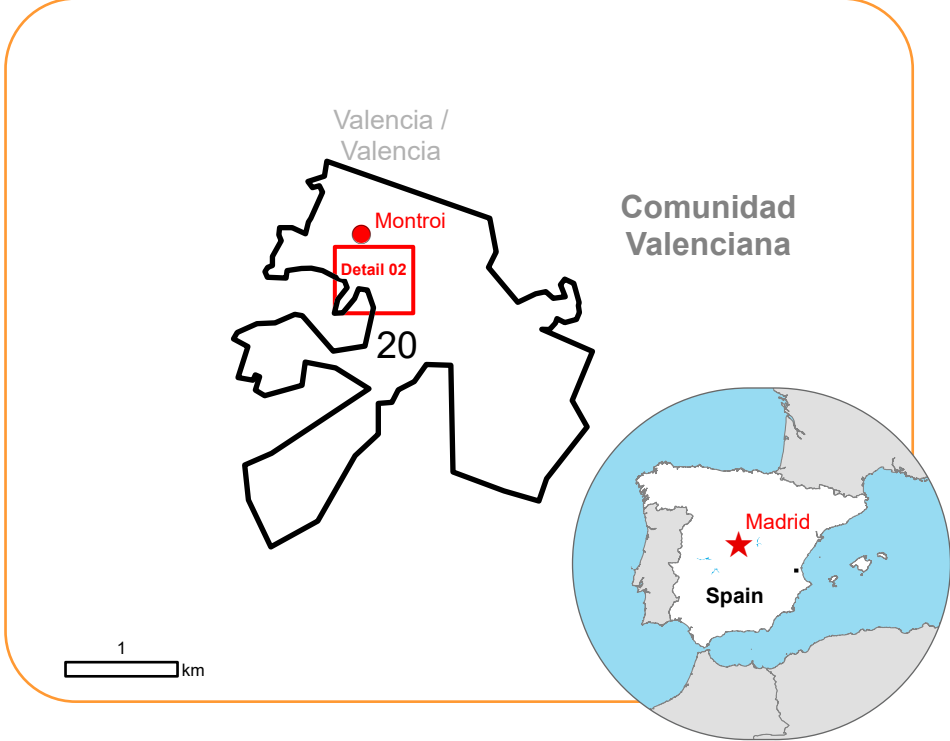
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Situation as of 09/11/2024 10:47 UTC
Grading - Detail map 02



Crisis Information

Flood trace

Built Up Grading

Possibly damaged

Transportation Grading

Road, Possibly damaged

Main road, No visible damage

Local road, No visible damage

General Information

Area of Interest

Administrative Boundaries

Municipality

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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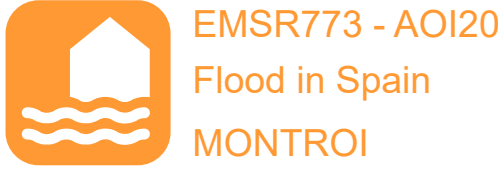
The thematic layer has been derived from post-event satellite image using a semi-automatic approach.

This analysis has been supplemented by the social media.

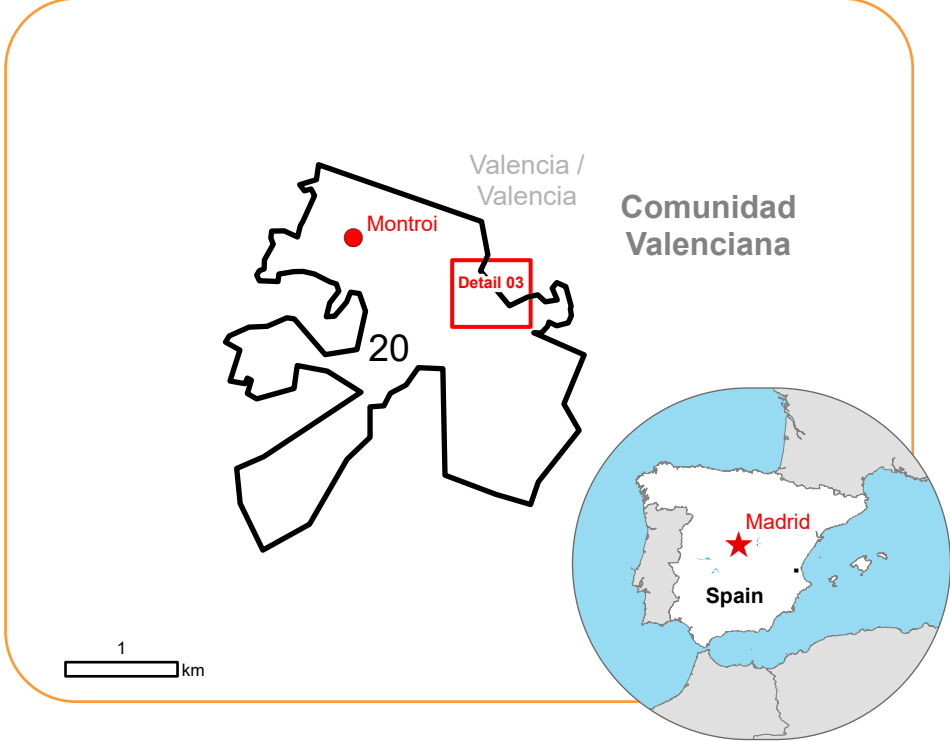
Map produced by CLS released by e-GEOS on the 16/11/2024.

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





Situation as of 09/11/2024 10:47 UTC
Grading - Detail map 03



Crisis Information

Flood trace

Built Up Grading

Destroyed

Possibly damaged

Transportation Grading

Road, Destroyed

Road, Damaged

Road, Possibly damaged

Track, No visible damage

General Information

Area of Interest

Administrative Boundaries

Municipality

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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Consequences within the AOI							
	Unit of measurement		Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Flood trace		ha					51,0
Flooded area		ha					14,7
Estimated population	Number of inhabitants					~ 100	~ 2 700
Built-up	Residential Buildings	No.	0	0	14	14	14
	Building point	No.	2	0	6	8	8
Transportation	Local Road	km	0	0	0,7	0,7	0,7
	Cart Track	km	2,2	0,3	0,1	2,6	2,6
* 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),
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: COP-DEM-EEA-10-R product © DLR e.V. (2014-2018) and
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Access to the portal



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