

EMSR773 - AOI31
Flood in Spain
CASES DEL RIU

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



Flooded area 64.3 ha
Flood trace 254.0 ha

Potentially affected population
~ 60

Affected Built-up and Transportations

Built-Up
78 No.

Road
20.8 km

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

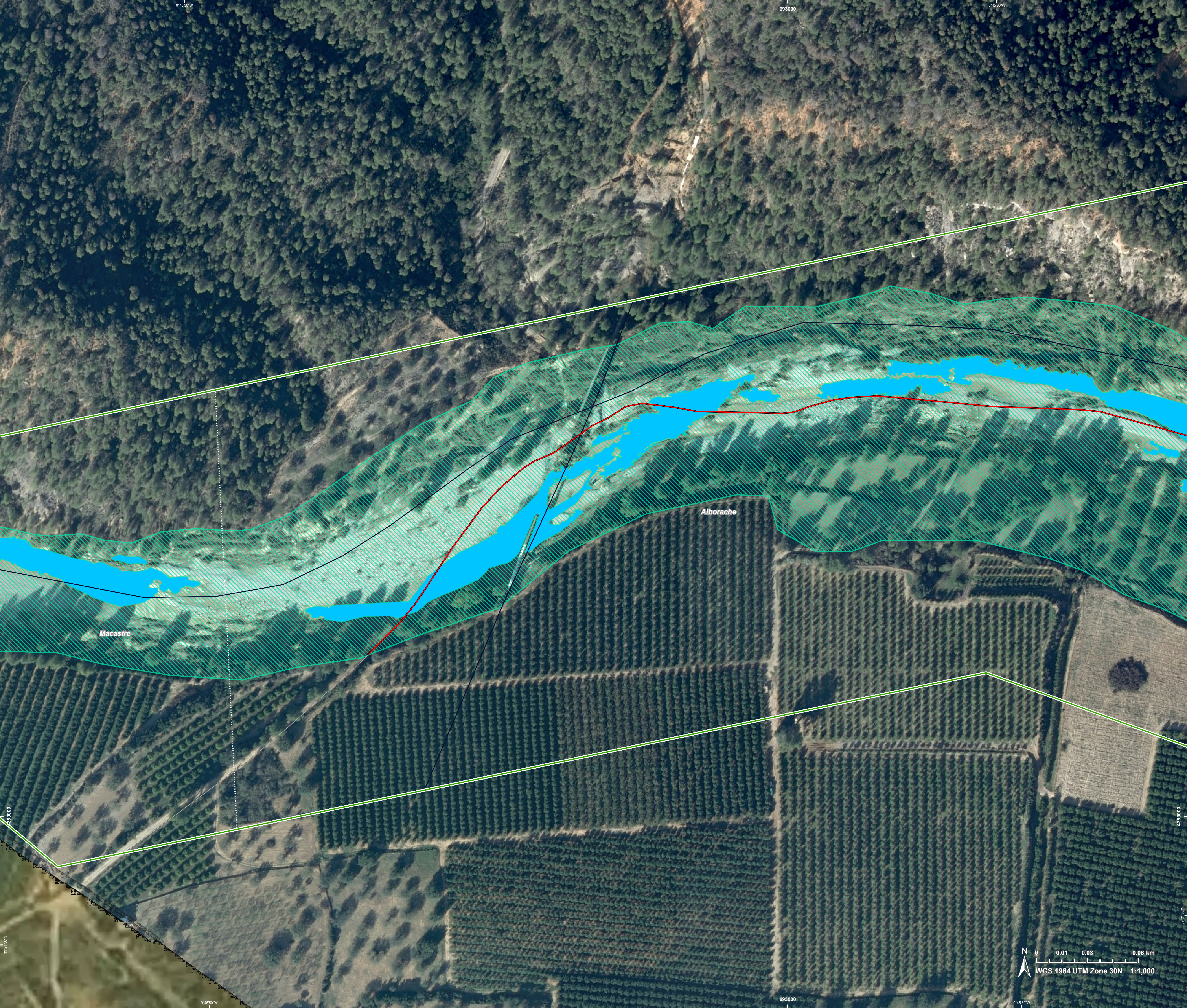
Event: On 29 October 2024 at 14:30 UTC, an extraordinary rainfall event affected the Valencia region. High water levels in rivers caused flooding in Ribera Alta, Horta, La Plana de Utiel and Letur river. On 31 October 2024, extraordinary precipitation caused flooding in the Castellon Province area. Copernicus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


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

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

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




Crisis Information

-  Flooded Area
-  Flood trace

Transportation Grading

-  Road, Destroyed
-  Local road, No visible damage


General Information

-  Area of Interest

Administrative Boundaries

-  Municipality

Hydrography

-  Lake, River

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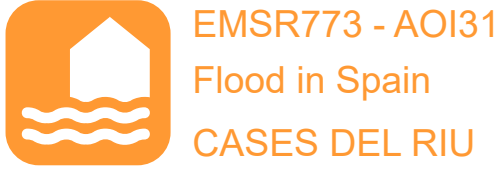
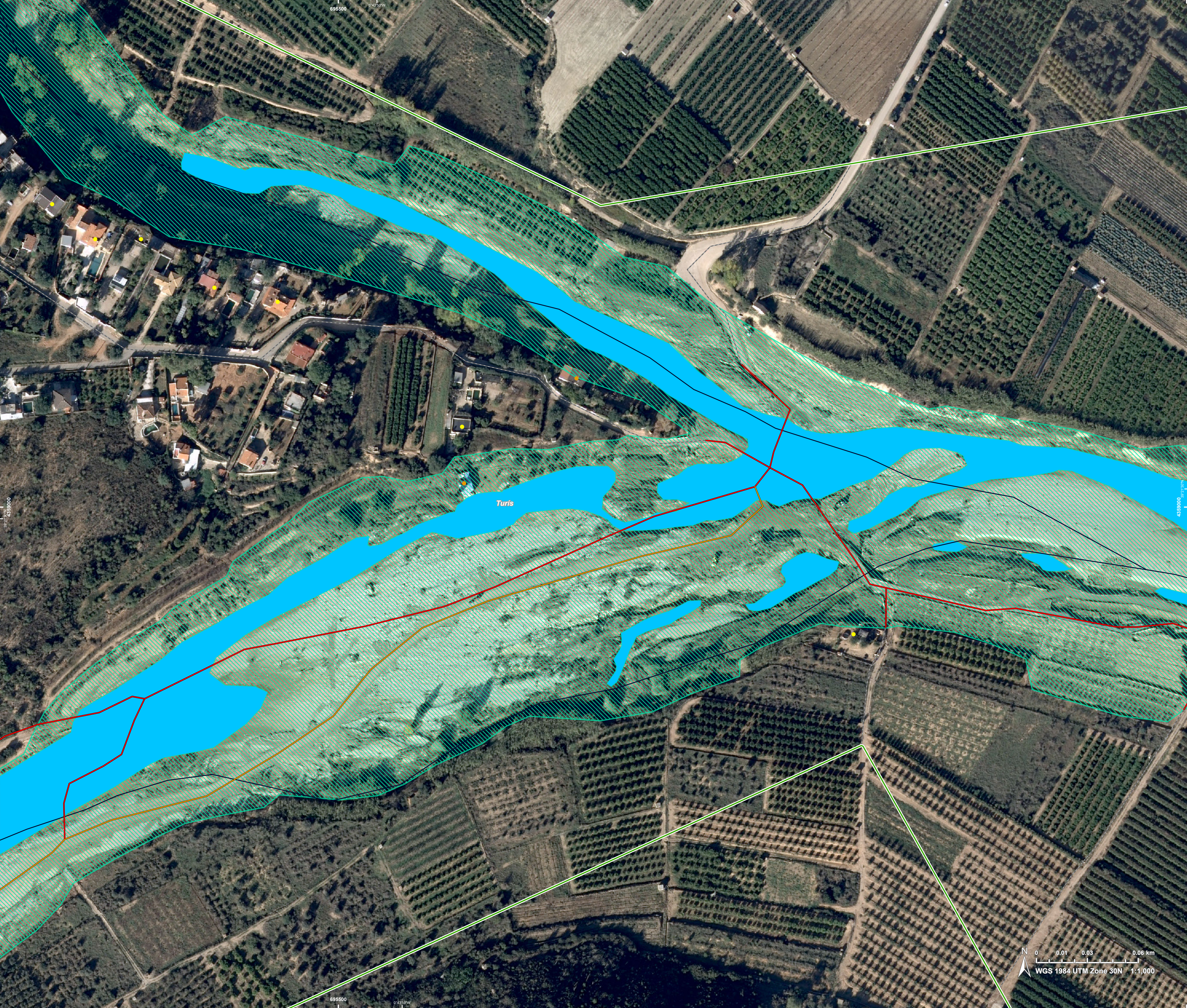
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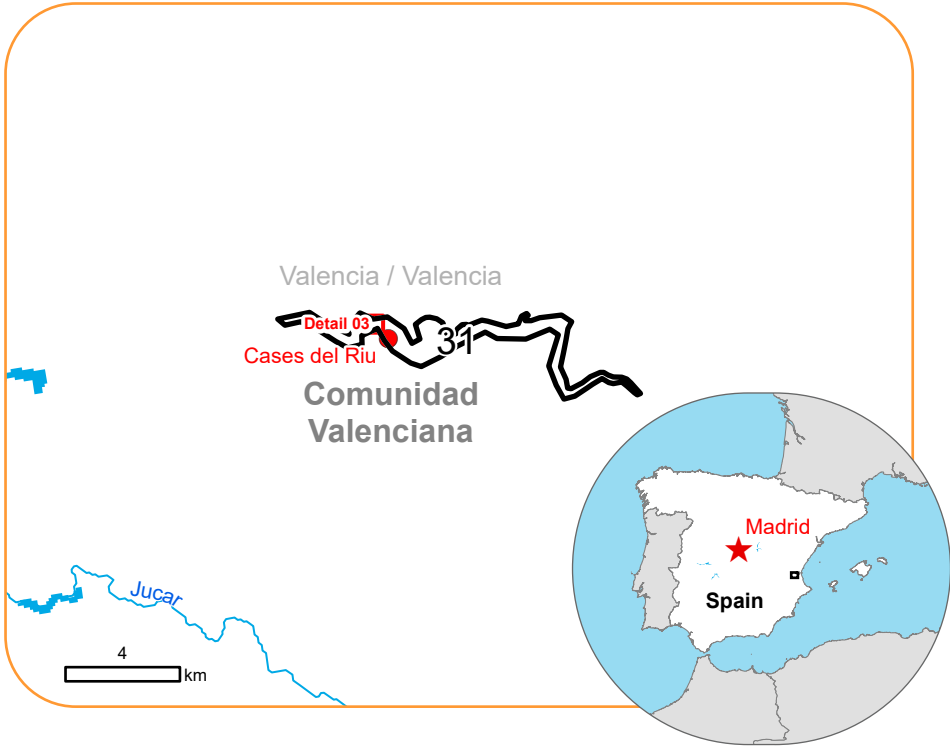
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Situation as of 11/11/2024 13:00 UTC
Grading - Detail map 03



Crisis Information

- Flooded Area
- Flood trace

Built Up Grading

- Damaged
- Possibly damaged

Transportation Grading

- Road, Destroyed
- Road, Damaged
- Track, No visible damage

General Information

- Area of Interest

Hydrography

- Lake, River

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Situation as of 11/11/2024 13:00 UTC
Grading - Detail map 04



Crisis Information

- Flooded Area
- Flood trace

Built Up Grading

- Destroyed
- Damaged
- Possibly damaged

Transportation Grading

- Bridge and elevated highway, Destroyed
- Road, Destroyed
- Road, Damaged
- Road, Possibly damaged

General Information

- Area of Interest

Hydrography

- Lake, River

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Situation as of 11/11/2024 13:00 UTC
Grading - Detail map 05







Crisis Information

-  Flooded Area
-  Flood trace


Built Up Grading

-  Destroyed
-  Possibly damaged


Transportation Grading

-  Road, Destroyed
-  Road, Possibly damaged
-  Main 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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 EMSR773 - AOI31
Flood in Spain
CASES DEL RIU


Situation as of 11/11/2024 13:00 UTC
Grading - Detail map 06







Crisis Information

-  Flooded Area
-  Flood trace


Built Up Grading

-  Possibly damaged


Transportation Grading

-  Road, Destroyed
-  Road, Damaged
-  Road, Possibly damaged
-  Track, No visible damage

General Information

-  Area of Interest

Hydrography

-  Lake, River

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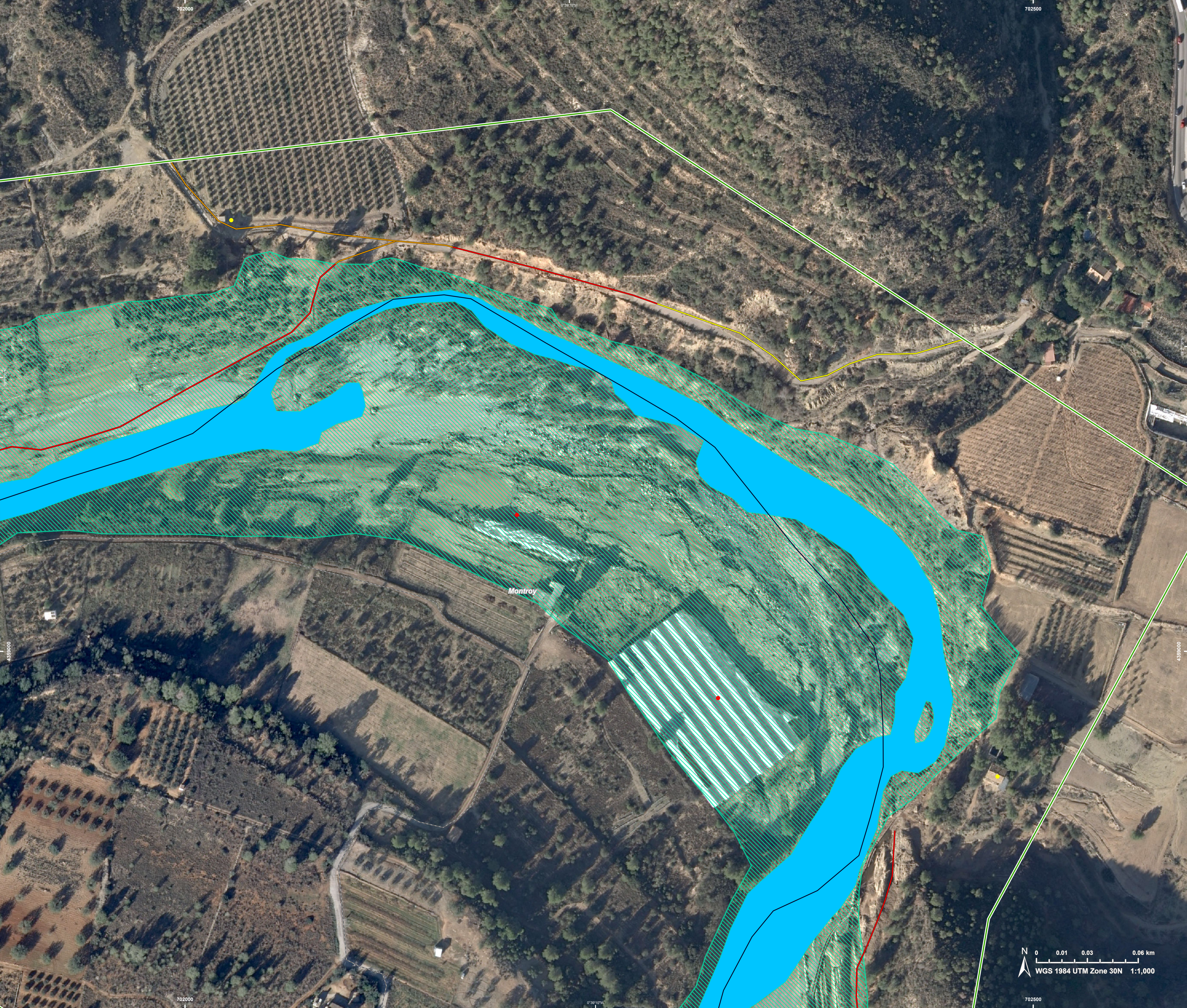
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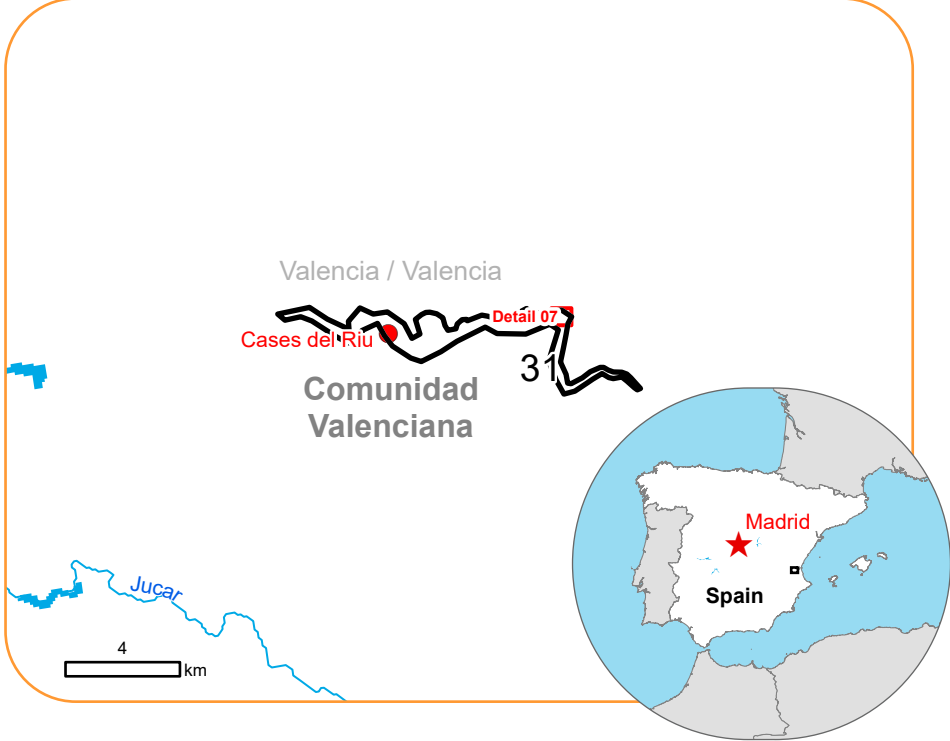
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EMSR773 - AOI31
Flood in Spain
CASES DEL RIU

Situation as of 11/11/2024 13:00 UTC
Grading - Detail map 07



Crisis Information

- Flooded Area
- 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

Hydrography

- Lake, River

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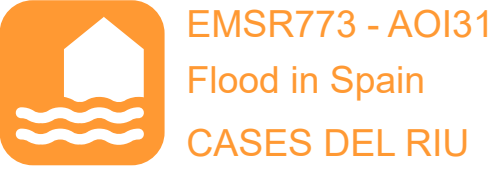
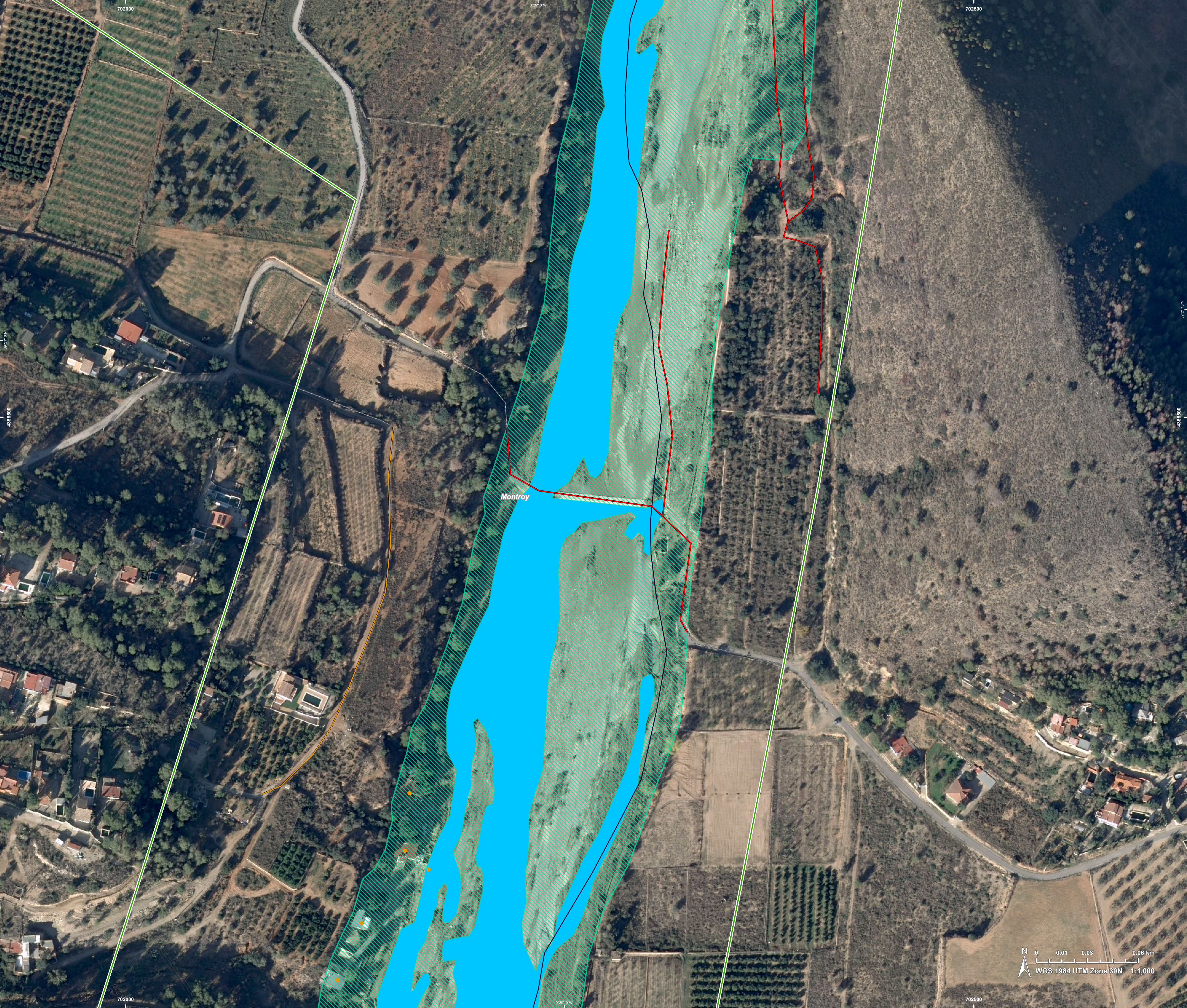
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Situation as of 11/11/2024 13:00 UTC
Grading - Detail map 08



Crisis Information

- Flooded Area
- Flood trace

Built Up Grading

- Damaged

Transportation Grading

- Road, Destroyed
- Road, Damaged
- Track, No visible damage

General Information

- Area of Interest

Hydrography

- Lake, River

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Consequences within the AOI							
	Unit of measurement		Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Flood trace	ha						254.0
Flooded area	ha						64.3
Estimated population	Number of inhabitants					~ 60	~ 200
Built-up	Residential Buildings	No.	3	12	25	40	111
	Industrial buildings	No.	0	0	5	5	5
	Non-residential farm buildings	No.	8	9	16	33	71
Transportation	Primary Road	km	0.03	0	0	0.03	0.3
	Secondary Road	km	0.2	0.1	0	0.2	1.3
	Local Road	km	0.7	0	0	0.7	0.9
	Cart Track	km	16.2	2.5	0.7	19.4	31.5
	No Driveway	km	0	0	0.4	0.4	0.4
	Bridges and elevated highways	No.	1	0	0	1	1
Facilities	Long-distance pipelines, communication and electricity lines	km	0	0	0	0	0.2
Land use	Shrub and/or herbaceous vegetation association	ha				167.5	258.6
	Permanent crops	ha				89.0	342.3
	Heterogeneous agricultural areas	ha				61.9	192.2
	Forests	ha				0	16.2
* 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

