

EMSR773 - AOI19
Flood in Spain
LLOMBAI

Situation as of 31/10/2024 10:22 UTC
Grading - Overview map 01



Flooded area 3.9 ha
Flood trace 7.1 ha

Potentially affected population ~ 60

Affected Built-up and Transportations

Built-Up 7 No.

Road 0.4 km

- | Crisis Information | General Information |
|-------------------------------|----------------------------------|
| Flood trace | Area of Interest |
| Built Up Grading | Detail map |
| Possibly damaged | Not Analysed |
| Facilities Grading | Administrative Boundaries |
| Possibly damaged | Municipality |
| Transportation Grading | Placenames |
| Road, Destroyed | Placename |
| 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 Levante 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: Pléiades-1A/B © CNES (2023), distributed by Airbus DS (acquired on 02/07/2023 at 11:02 UTC, resolution 0.5 m).

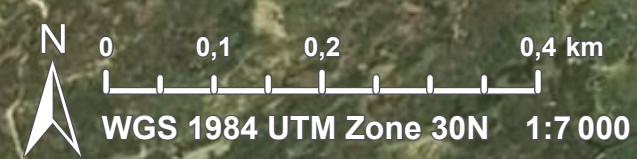
Post-event image: GeoEye © Maxar Technologies, Inc. (2024), (acquired on 31/10/2024 at 10:22 UTC, resolution 0.5 m).
This image is used as background image.

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

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

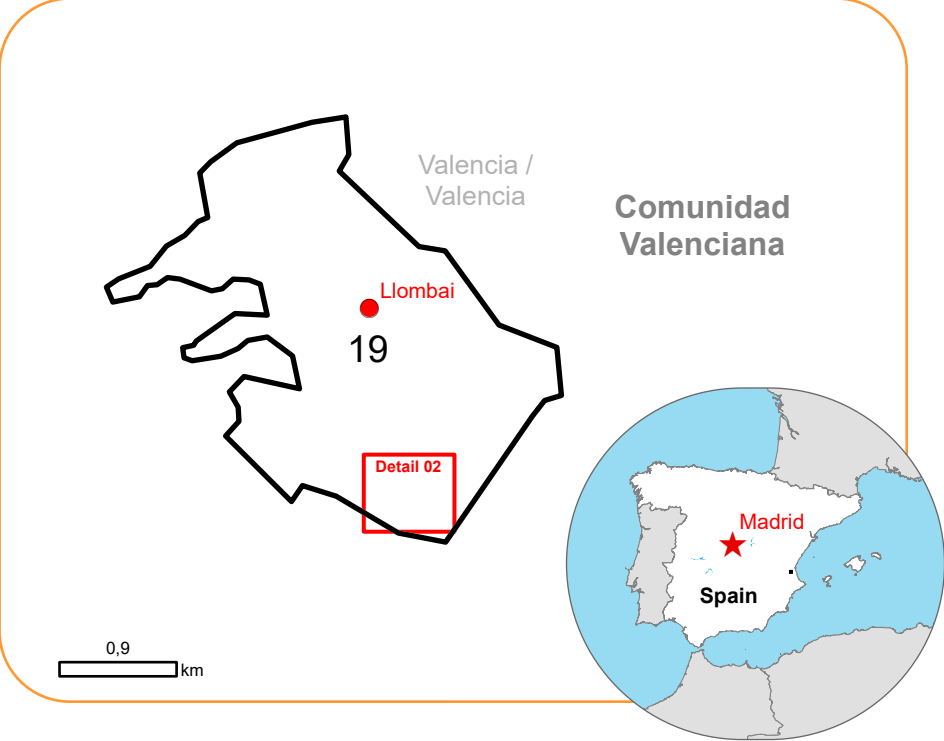
Details on this activation and service conditions available through the QR code or at the link: <https://rapidmapping.emergency.copernicus.eu/EMSR773>





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Situation as of 31/10/2024 10:22 UTC
Grading - Detail map 02




Crisis Information

 Flood trace

Built Up Grading

-  Possibly damaged
-  Main road, No visible damage
-  Local road, No visible damage
-  Track, No visible damage

General Information

 Area of Interest

Event: On 29 October 2024 at 14:30 UTC, an extraordinary rainfall event affected the Levante 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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Grading - Detail map 03




Crisis Information


 Flood trace

Built Up Grading

 Possibly damaged

Transportation Grading


 Road, Possibly damaged

 Main road, No visible damage

 Local road, No visible damage

 Track, No visible damage

General Information

 Area of Interest

Administrative Boundaries

 Municipality

Placenames

 Placename

Event: On 29 October 2024 at 14:30 UTC, an extraordinary rainfall event affected the Levante 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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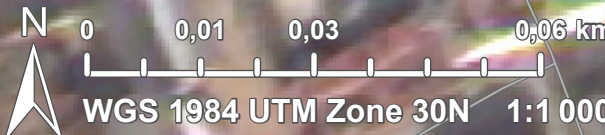
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Consequences within the AOI							
	Unit of measurement		Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Flood trace	ha						7,1
Flooded area	ha						3,9
Estimated population	Number of inhabitants					~ 60	~ 4 400
Built-up	Residential Buildings	No.	0	0	5	5	6
	Office buildings	No.	0	0	0	0	1
	Institutional	No.	0	0	0	0	2
	Industrial buildings	No.	0	0	0	0	1
	Other non-residential buildings	No.	0	0	2	2	2
	Buildings used as places of worship and for religious activities	No.	0	0	0	0	3
	Unclassified	No.	0	0	0	0	6
Transportation	Primary Road	km	0	0	0	0	5,1
	Secondary Road	km	0	0	0	0	2,6
	Local Road	km	0	0	0	0	46,8
	Cart Track	km	0,1	0,1	0,2	0,4	12,2
Facilities	Constructions for mining or extraction	ha	0	0	0,6	0,6	0,6
	Sport and recreation constructions	ha	0	0	0	0	1,0
Land use	Other	ha				6,1	275,2
	Heterogeneous agricultural areas	ha				2,9	134,1
	Shrub and/or herbaceous vegetation association	ha				1,5	29,4
	Permanent crops	ha				0,5	105,6
* 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

Digital Elevation Model (DEM) (Airbus,2020)

Access to the portal



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