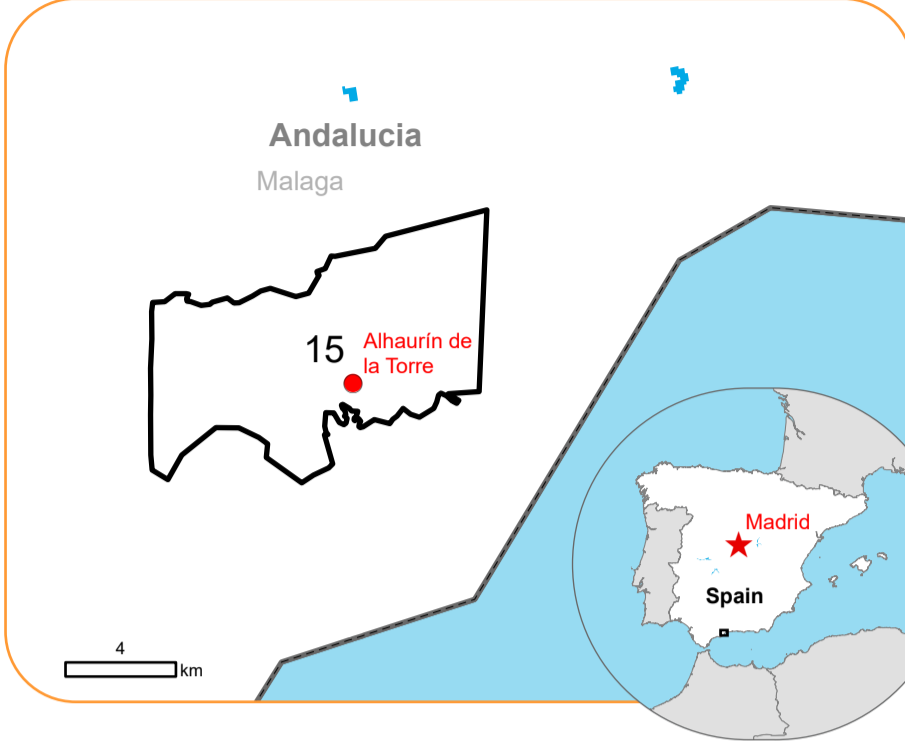


EMSR773 - AOI15
Flood in Spain
ALHAURIN DE LA TORRE

Situation as of 15/11/2024 11:13 UTC
Grading - Overview map 01



Flooded area 20.7 ha
Flood trace 59.9 ha

Potentially affected population ~ 150

Affected Built-up and Transportations

Built-Up 130 No.
Road 8.0 km
Railway 0.2 km

- Crisis Information**
- Flooded Area
 - Flood trace
- Built Up Grading**
- Damaged
 - Possibly damaged
- Facilities Grading**
- Possibly damaged
- Transportation Grading**
- Road, Damaged
 - Road, Possibly damaged
 - Railway, Possibly damaged
 - Highway, No visible damage
 - Main road, No visible damage
 - Local road, No visible damage
- General Information**
- Area of Interest
 - Detail map
 - Not Analysed
- Administrative Boundaries**
- Municipality
- Placenames**
- Placename
- Hydrography**
- Lake, River
- Track, No visible damage
Railway, No visible damage
Airfield runway, No visible damage
Airfield and Heliport, 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 Castellón 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: Pleiades Neo © CNES (2024), distributed by Airbus DS (acquired 29/02/2024 at 11:01 UTC, resolution 0.3 m).
Post-event image: GeoEye1 © Maxar Technologies, Inc. (2024), (acquired on 15/11/2024 at 11:13 UTC, resolution 0.5 m).
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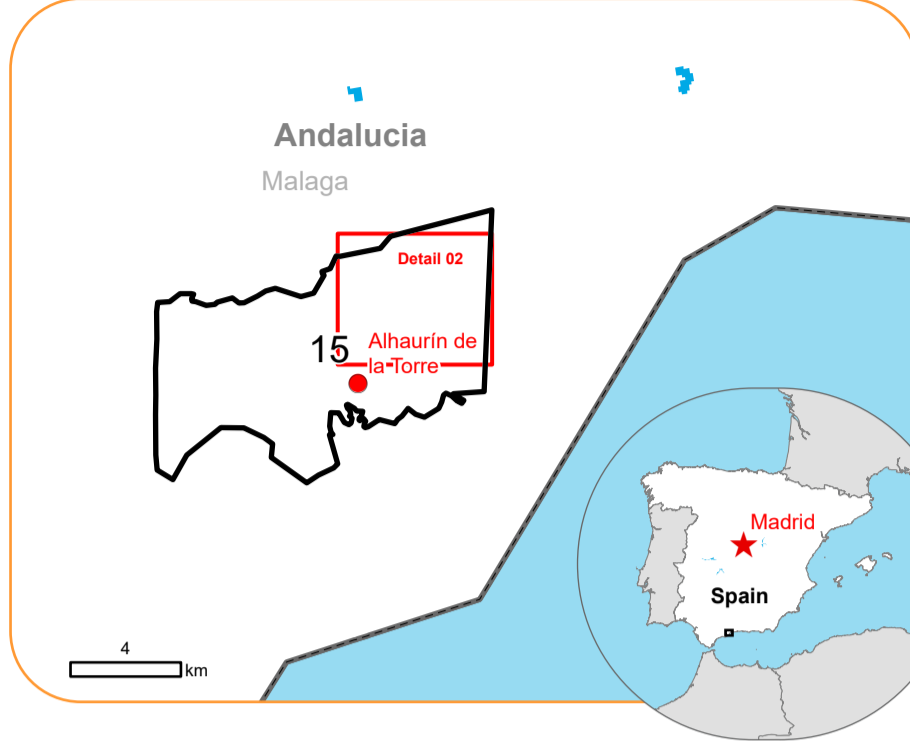
The thematic layer has been derived from post-event satellite image by means of visual interpretation.

Map produced by Telespazio Iberica released by 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>

EMSR773 - AO115
Flood in Spain
ALHAURIN DE LA TORRE

Situation as of 15/11/2024 11:13 UTC
Grading - Detail map 02



- Crisis Information**
- Flooded Area
 - Flood trace
- Built Up Grading**
- Damaged
 - Possibly damaged
- Facilities Grading**
- Possibly damaged
- Transportation Grading**
- Road, Damaged
 - Road, Possibly damaged
 - Railway, Possibly damaged
 - Highway, No visible damage
 - Main road, No visible damage
 - Local road, No visible damage
 - Track, No visible damage
 - Railway, No visible damage
 - Airfield runway, No visible damage
 - Airfield and Heliport, No visible damage
- General Information**
- Area of Interest
 - Not Analysed
- 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 Castellón 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: Pleiades Neo © CNES (2024), distributed by Airbus DS (acquired 29/02/2024 at 11:01 UTC, resolution 0.3 m).
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Consequences within the AOI							
	Unit of measurement		Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Flood trace	ha						59.9
Flooded area	ha						20.7
Estimated population	Number of inhabitants					~ 150	~ 47,000
Built-up	Residential Buildings	No.	0	1	27	28	14,086
	Administrative	No.	0	0	0	0	259
	Industrial buildings	No.	0	0	2	2	730
	Other non-residential buildings	No.	0	24	36	60	220
	Non-residential farm buildings	No.	0	3	37	40	3,034
Transportation	Airfield runways	ha	0	0	0	0	81.0
	Airfield runways	km	0	0	0	0	1.2
	Highways	km	0	0	0	0	32.2
	Primary Road	km	0	0	0.1	0.1	42.6
	Secondary Road	km	0	0	0	0	19.8
	Local Road	km	0	0	1.1	1.1	309.2
	Cart Track	km	0	0.9	5.8	6.7	205.7
	No Driveway	km	0	0	0.1	0.1	0.1
	Long-distance railways	km	0	0	0.2	0.2	15.1
Facilities	Constructions for mining or extraction	ha	0	0	83.1	83.1	107.8
	Sport and recreation constructions	ha	0	0	0.8	0.8	73.9
	Long-distance pipelines, communication and electricity lines	km	0	0	0	0	36.8
	Local pipelines and cables	km	0	0	0	0	2.6
Land use	Arable land	ha				28.8	1,168.2
	Permanent crops	ha				28.4	2,359.7
	Pastures	ha				18.9	302.6
	Other	ha				4.1	1,963.7
	Heterogeneous agricultural areas	ha				0.2	840.1
	Shrub and/or herbaceous vegetation association	ha				0.1	447.1
	Forests	ha				0	206.0
* 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.
 Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 ©EuroGeographics.
 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

