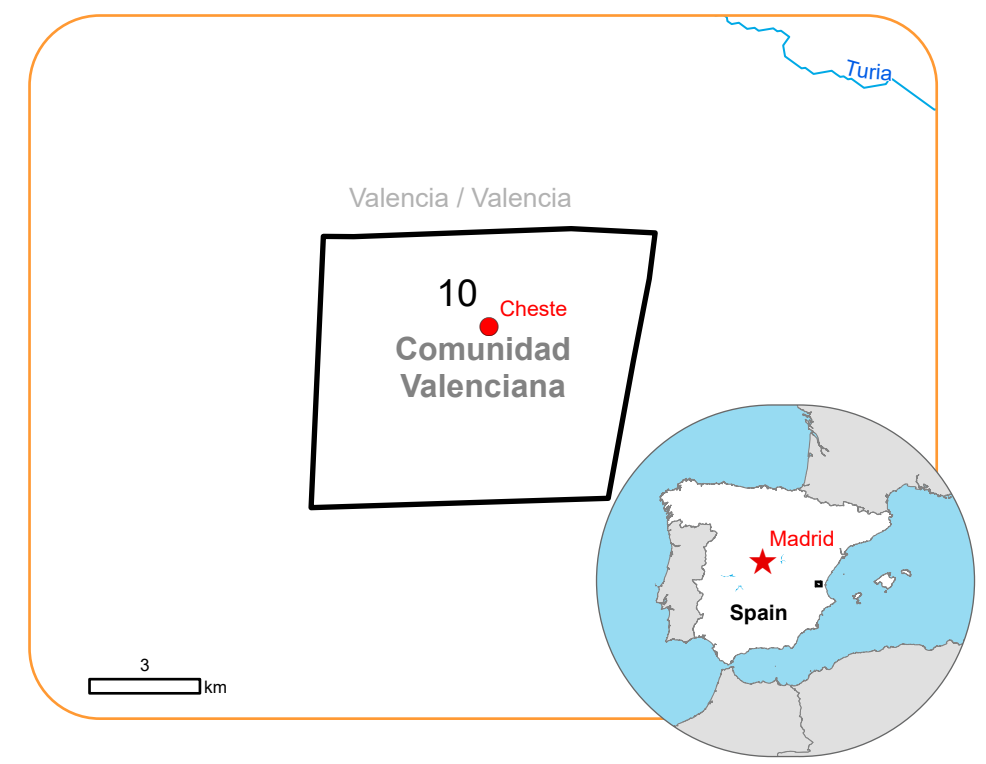




EMSR773 - AOI10
Flood in Valencia Region, Spain
CHESTE

Situation as of 10/11/2024 10:39 UTC
Grading - Overview map 01





Flooded area 4.2 ha
Flood trace 119.5 ha



Potentially affected
population
~ 100

Affected Built-up and Transportations



Built-Up
212 No.



Facilities
0.6 km
3.9 ha



Road
7.1 km



Railway
0.4 km



Flooded Area



Flood trace



Destroyed




Damaged



Possibly damaged



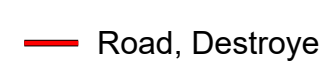
Long-distance pipeline or
line, Damaged



Destroyed



Damaged



Road, Destroyed



Road, Damaged



Road, Possibly damaged



Railway, Destroyed



Railway, Damaged



Highway, No visible
damage



Main road, No visible
damage



Local road, No visible
damage



Track, No visible
damage



Railway, No visible
damage



Area of Interest



Damaged



Municipality



Placename



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. (2024), (acquired on 14/06/2024 at 11:06 UTC, resolution 0.5 m).
Post-event image: Pléiades-1A/B © CNES (2024), distributed by Airbus DS (acquired on 10/11/2024 at 10:39 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 by means of visual interpretation.

Map produced by Planetek Hellas released by e-GEOS on the 13/11/2024.

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





PROGRAMME OF THE
EUROPEAN UNION



Copernicus
Europe's eyes on Earth

Consequences within the AOI							
	Unit of measurement		Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Flood trace	ha						119.5
Flooded area	ha						4.2
Estimated population	Number of inhabitants					~ 100	~ 12,000
Built-up	Residential Buildings	No.	8	0	10	18	355
	Police station	No.	0	0	0	0	1
	Fire station	No.	0	0	0	0	1
	Wholesale and retail trade buildings	No.	0	0	0	0	8
	Industrial buildings	No.	0	0	0	0	3
	Reservoirs, silos and warehouses	No.	0	0	0	0	2
	Public entertainment buildings	No.	0	0	0	0	4
	School, university and research buildings	No.	0	0	0	0	5
	Non-residential farm buildings	No.	0	0	0	0	3
	Buildings used as places of worship and for religious activities	No.	0	0	1	1	2
	Communication buildings, stations, terminals and associated buildi	No.	0	0	0	0	2
	Unclassified	No.	28	22	143	193	3,658
Transportation	Highways	km	0	0	0	0	24.6
	Primary Road	km	0.04	0.1	0	0.1	17.0
	Secondary Road	km	0.4	0.1	0.04	0.5	19.5
	Local Road	km	1.7	0.2	0.1	1.9	153.1
	Cart Track	km	3.0	0.2	0.5	3.6	208.5
	No Driveway	km	0.5	0.1	0.3	0.8	0.8
	Long-distance railways	km	0.3	0.1	0	0.4	29.8
Facilities	Settling Basin	ha	0	0	0	0	1.0
	Constructions for mining or extraction	ha	0	0	0	0	0
	Sport and recreation constructions	ha	2.6	1.3	0	3.9	39.3
	Long-distance pipelines, communication and electricity lines	km	0	0.6	0	0.6	16.8
Land use	Heterogeneous agricultural areas	ha				48.4	1,930.5
	Open spaces with little or no vegetation	ha				38.9	60.5
	Permanent crops	ha				33.3	3,021.4
	Other	ha				1.3	657.5
	Shrub and/or herbaceous vegetation association	ha				1.1	447.2
	Pastures	ha				0.6	107.1
	Forests	ha				0.04	36.9
	Arable land	ha				0	17.7
* 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>
 © European Union / Copernicus Emergency Management Service

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 (2m) © Spain National Data (2015).

Access to the portal



PROGRAMME OF THE
EUROPEAN UNION

