

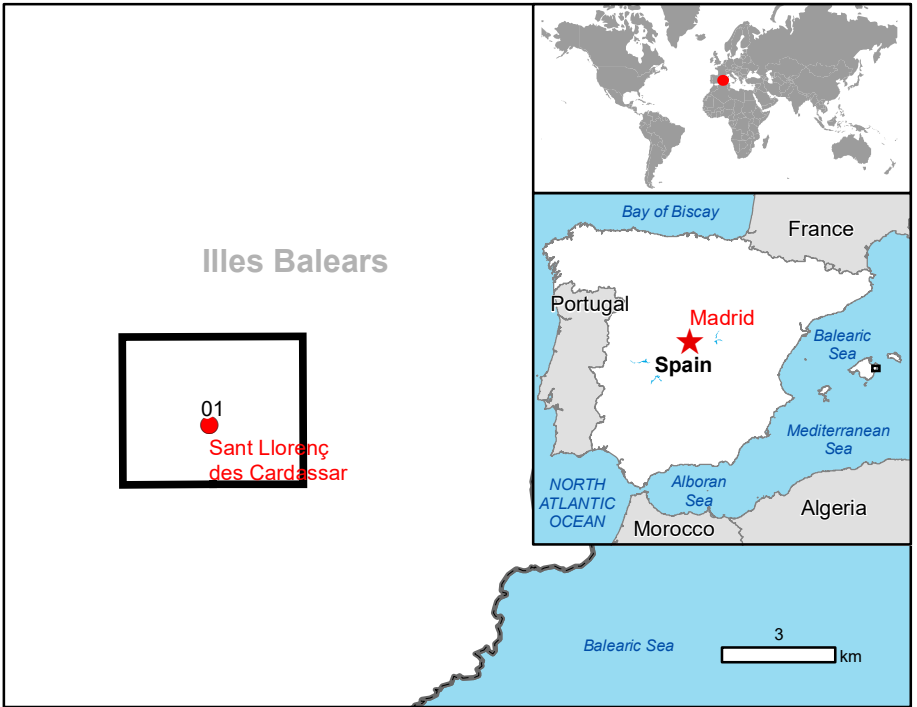


GLIDE number: N/A Activation ID: EMSR323
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Sant Llorenç des Cardassar - SPAIN

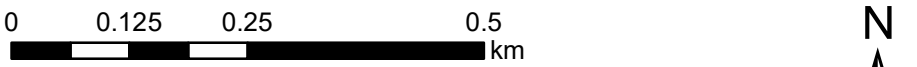
Flood - Situation as of 11/10/2018

Grading Map



Cartographic Information

1:8000 Full color ISO A1, high resolution (300 dpi)



Grid: WGS 1984 UTM Zone 31N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

- Crisis Information**

 - Mudflow
 - Built Up Grading**
 - Damaged
 - Possibly damaged

Transportation Grading

 - Bridge and elevated highways, Possibly damaged

Transportation Grading

 - Road, Possibly damaged
 - Railway, Possibly damaged

General Information

 - Area of Interest

Administrative boundaries

 - Municipality
- Placenames**

 - Placename

Hydrography

 - Stream

Point of Interest

 - Communication building, station, terminal and associated building
 - Industrial building
 - Institutional

Transportation

 - Bridge and elevated highway
 - Primary Road
 - Local Road
 - Cart Track
 - Long-distance railway

Consequences within the AOI		Unit of measurement		Destroyed	Damaged	Possibly damaged	Total affected	Total in AOI
Mudflow		ha					133.8	
Estimated population		Number of inhabitants					962	2095
Settlements	Residential	No	0	53	519	572	1246	
	Non-Residential	No	0	1	11	12	10	
Transportation	Bridges and elevated highways	No	0	0	7	7	10	
	Primary Road	km	0.0	0.0	0.7	0.7	8.4	
	Local Road	km	0.0	0.0	7.6	7.6	35.9	
	Cart Track	km	0.0	0.0	0.1	0.1	69.2	
	Long-distance railway	km	0.0	0.0	0.2	0.2	4.5	

Map Information

During the night of October 09, in the area of Sant Llorenç des Cardassar, there has been a flash flood due to heavy rains in a short time (230 mm) that has caused 9 deaths, missing persons, evacuated and numerous damages.

The present map shows the flood delineation in the area of Sant Llorenç des Cardassar (Spain). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy is 5 m or better, from native positional accuracy of the background satellite image.

Relevant date records			
Event	09/10/2018	Situation as of	11/10/2018
Activation	10/10/2018	Map production	11/10/2018

Data Sources

Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 15/04/2015, GSD 0.25 m, approx. 0% cloud coverage in AOI).
Post-event image: Pléiades-1B © CNES (2018), distributed by Airbus DS (acquired on 11/10/2018 at 10:32 UTC, GSD 0.5 m, approx. 0% cloud coverage in AOI, 22° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.
Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, refined by the producer.
Inset maps: JRC 2013, © EuroGeographics, EuroBoundaryMap 2017, © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2013.
Population data: GHS Population Grid © European Commission, 2015
http://data.europa.eu/89h/jrc-ghs-ghs_pop_gp4_globe_r2015a.
Digital Elevation Model: EU-DEM (25 m).

Disclaimer

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Map produced by e-GEOS released by e-GEOS (ODO).

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