

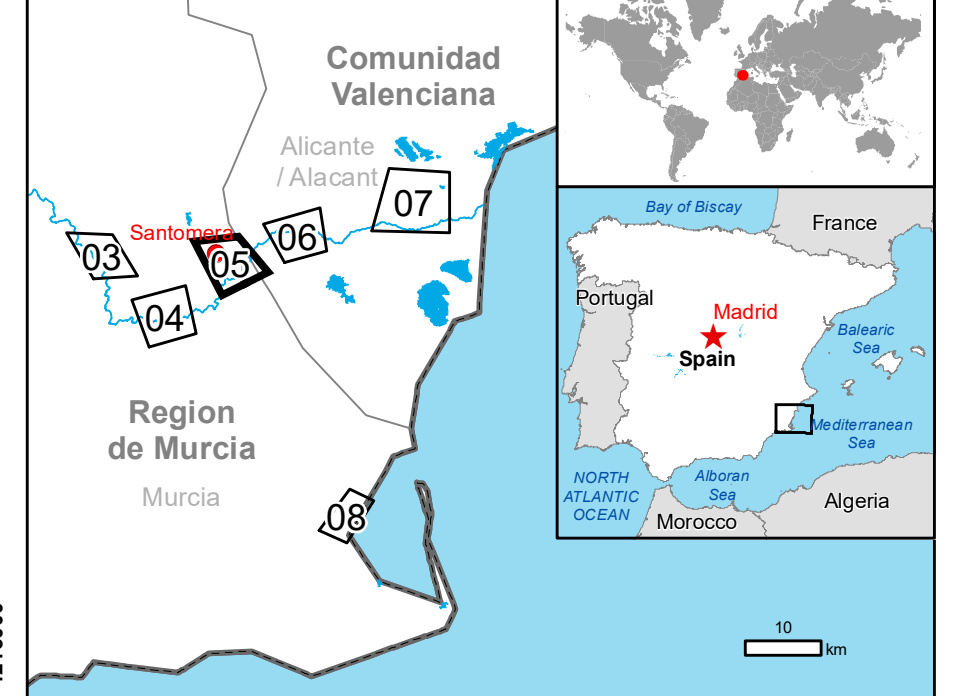
GLIDE number: N/A
Int. Charter call ID: N/A

Activation ID: EMSR388
Product N.: 05SANTOMERA, v2

Santomera - SPAIN

Flood - Situation as of 18/09/2019

Grading - Overview map 01



Cartographic Information

1:15000 Full color A1, 200 dpi resolution

0 0.25 0.5 1 km

Grid: WGS 1984 UTM Zone 30N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

- Crisis Information**
(18/09/2019 10:51 UTC)
Flooded Area
Flood trace
Dike breach
- Transportation Grading**
Road, Damaged
Road, Possibly damaged
Road, No visible damage
Railway, No visible damage
- General Information**
Area of Interest
Placenames
Hydrography
River
Reservoir
- Built Up Grading**
Damaged
Possibly damaged
- Facilities Grading**
Dam, Destroyed

Consequences within the AOI				
	Unit of measurement	Destroyed	Damaged	Possibly damaged
Flooded area	ha			
Urban area	ha			
Urban population	No.			
Estimated population	No.			
Infrastructure				
Non-residential farm	No.	0	1002	11
Bridge and elevated highway	No.	0	0	36
Primary Road	km	0.0	0.0	0.0
Secondary Road	km	0.0	0.0	2.3
Local Road	km	0.0	0.0	3.7
Canal	km	0.0	0.1	7.6
Long-distance railway	km	0.0	0.0	0.0
Facilities				
Aqueduct, irrigation and cultivation waterworks	km	0.0	0.0	0.0
Dam	No.	1	0	0
Construction for mining or extraction	ha	0.0	0.0	0.0

Map Information

Heavy rainfall, hail, winds up to 100 km/h and huge waves have affected the Southeast of the Iberian Peninsula, causing floods in many villages with much damage to infrastructure and buildings in the provinces of Valencia, Alicante, Murcia and Albacete. The request is for Delineation and monitoring over large AOIs and damage grading analysis over focused badly hit areas.

The present map shows the damage grade assessment in the area of Santomera (Spain). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The estimated geometric accuracy (RMSE) is 2.5 m or better, from native positional accuracy of the background satellite image.

Relevant date records (UTC)

Event	11/09/2019 12:00	Situation as of	18/09/2019 10:51
Activation	12/09/2019 13:37	Map production	24/09/2019

Data sources

Pre-event image: Pleiades-1B © CNES (2018), distributed by Airbus DS (acquired on 23/08/2018 at 10:58 UTC, GSD 0.5 m, approx. 0% cloud coverage in AOI, 5.4° off-nadir angle), provided under Copernicus by the European Union and ESA, all rights reserved.
Post-event image: Pleiades-1A © CNES (2019), distributed by Airbus DS (acquired on 18/09/2019 at 10:51 UTC, GSD 0.5 m, approx. 0% cloud coverage in AOI, 16.9° 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, Corine Land Cover (CLC) 2012, Global Administrative Areas (2012), refined by the producer.
Inset maps: JRC 2013, EuroBoundaryMap 2017 © EuroGeographics, Natural Earth 2012, CCM River DB © EURC2007, GeoNames 2013.

Population data: GHS - Population Grid © European Commission, 2015
http://data.europa.eu/89h/jrc-ghs-ghs_pop_gpw4_globe_2015a
Digital Elevation Model: SRTM (90 m) (NASA/USGS)

Disclaimer

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Delivery formats are Layered Geospatial PDF, GeoJPEG and vector (ESRI shapefiles, Google Earth KML, GeoJSON).

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

For the latest version of this map and related products visit
<http://emergency.copernicus.eu/EMSR388>

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