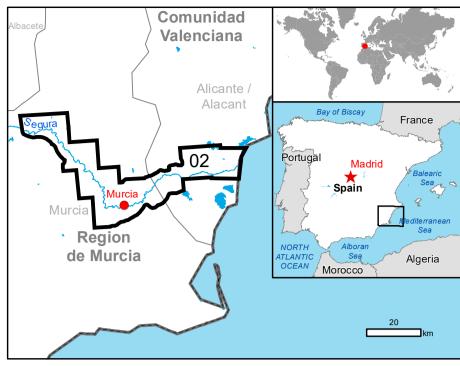


Activation ID: EMSR388 Product N.: 02MURCIA, v1

Murcia - SPAIN

Flood - Situation as of 16/09/2019

Delineation MONIT01 - Overview map 01



Cartographic Information

Full color A1, 200 dpi resolution



Unit of measurement Affected Total in AOI Number of inhabitants 4165 833680

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 bit areas.

The present map shows the flood delineation in the area of Murcia (Spain). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy (RMSE) is 15 m or better, from native positional accuracy

Relevant date records (UTC)

Event	11/09/2019 12:00	Situation as of	16/09/2019 06:10
Activation	12/09/2019 13:37	Map production	16/09/2019
5 /			

Data sources

European Union and ESA.

Post-event image: Sentinel-1B (2019) (acquired on 16/09/2019 at 06:10 UTC, GSD 10.0 m) provided under COPERNICUS by the European Union and ESA.

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Base vector layers: OpenStreetMap © OpenStreetMap contributors, 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 © EUJRC2007, GeoNames 2013.

Population data: GHS Population Grid © European Commission, 2015 http://data.europa.eu/89h/jrc-ghsl-ghs_pop_gpw4_globe_r2015a. Digital Elevation Model: EU-DEM (25 m)

Disclaimer

of our ability, within a very short time frame, optimising the available data and information. All geographic information has limitations due to scale, resolution, date and interpretation of the original sources. No liability concerning the contents or the use thereof is assumed by the producer and by the European Union.

Please be aware that the thematic accuracy might be lower in urban and forested areas due to inherent limitations of the SAR analysis technique.

Delivery formats are Layered Geospatial PDF, GeoJPEG and vector (ESRI shapefiles,

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