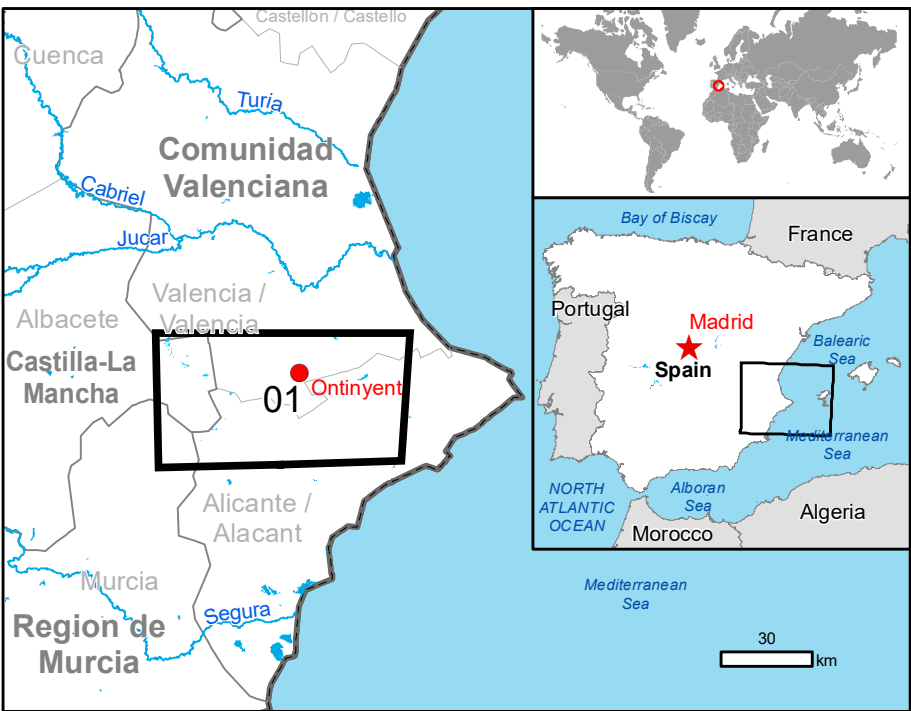


Ontinyent - SPAIN

Flood - Situation as of 12/09/2019

First Estimate Product



Cartographic Information

1:130000 Full color A1, 200 dpi resolution

0 2.5 5 10 km

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

Legend

Crisis Information	Hydrography
Flooded Area (12/09/2019 18:52 UTC)	River
General Information	Stream
Area of Interest	Lake
Image Footprint	Reservoir
Not Analysed - No data	Transportation
Placenames	Highway
Placename	Primary Road
	Secondary Road
	Long-distance railway
	Helipad

Map Information

Heavy rainfall, hail, winds up to 100km/h and huge waves are affecting the Southeast of the Iberian Peninsula, causing floods in many villages with numerous damages to infrastructures and buildings in the provinces of Valencia, Alicante, Murcia and Albacete. According to Spain's meteorological agency AEMET, the extreme weather will intensify affecting many other areas in the next hours/days.

The present map shows the flood first estimate product in the area of Ontinyent (Spain). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy (RMSE) is 32.5 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	12/09/2019 18:52
Activation	12/09/2019 13:37	Map production	13/09/2019

Data sources

Pre-event image: Sentinel-2A (2019) (acquired on 24/08/2019 at 10:50 UTC, GSD 10 m, approx. 10% cloud coverage in Aoi, 0° off-nadir angle) provided under COPERNICUS by the European Union and ESA.
Post-event image: COSMO-SkyMed © ASI (2019), distributed by e-GEOS S.p.A. (acquired on 12/09/2019 at 18:52 UTC, GSD 15.0 m), 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, 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-ghs-ghs_pop_gpw4_globe_r2015a.
Digital Elevation Model: EU-DEM (25 m)

Disclaimer

Products elaborated in this Copernicus EMS Rapid Mapping activity are realized to the best 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, Google Earth KML, GeoJSON).

Map produced by SIRS released by e-GEOS (ODD).

For the latest version of this map and related products visit
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