



EMSR861 - AOI18  
Storm in Spain  
DON BENITO

Situation as of 11/02/2026 18:22 UTC  
Delineation MONIT01 - Overview map 01



Flooded area  
EO-based 7,929.2 ha  
Model-based 19,750.7 ha



Potentially affected  
population  
~ 2,700

Potentially Affected Built-up and Transportations



Water infrastructure  
1.9 km  
9.1 ha



Road  
670.4 km



Railway  
2.0 km



Built-Up  
97.6 ha

#### Estimated flood depth (m)

- Below 0.50
- 0.50 to 1.00
- 1.00 to 2.00
- 2.00 to 4.00
- Above 4.00

#### General Information

- Area of Interest
- Detail map
- Image Footprint
- Not Analysed

#### Administrative Boundaries

- Province

#### Built-Up Area

- Residential

#### Hydrography

- Lake, River

#### Facilities

- Long-distance pipelines or lines

#### Local pipelines or lines

- Dam
- Mining or extraction site
- Water Well
- Power plant
- Sport and recreation constructions
- Dump Site
- Water or Aquatic infrastructure
- Dam

#### Transportation

- Highway
- Main road
- Local road
- Track
- Railway
- Airfield runway
- Helipad

**Event:** On 26 January 2026 at 18:00, Storm Kristin is reported to have affected central Portugal (Coimbra, Castelo Branco and Peniche) and a river overflow is forecast to affect the Guadalquivir River Basin in the provinces of Granada, Jaén and Córdoba (Andalusia, Spain). The event is on-going and spreading, with storm-related damage reported to affect buildings, infrastructure, transport networks and utilities in central Portugal, and flooding expected to affect buildings and infrastructure in the Guadalquivir floodplains, including urban areas, in Andalusia. Copernicus EMS Rapid Mapping is requested to provide storm and flood extent and damage assessment emergency mapping for subsequent analyses, and to improve understanding of the Guadalquivir basin's response to this type of event.

**Data sources and analysis:** Pre-event image: Sentinel-2 (2025) (acquired on 26/11/2025 at 11:14 UTC, resolution 20 m). Post-event image: COSMO-SkyMed © ASI (2026), distributed by e-GEOS S.p.A. (acquired on 11/02/2026 at 18:04 UTC, resolution 2.5 m). COSMO-SkyMed © ASI (2026), distributed by e-GEOS S.p.A. (acquired on 11/02/2026 at 18:22 UTC, resolution 2.5 m). All images are provided under COPERNICUS by the European Union and ESA, all rights reserved.

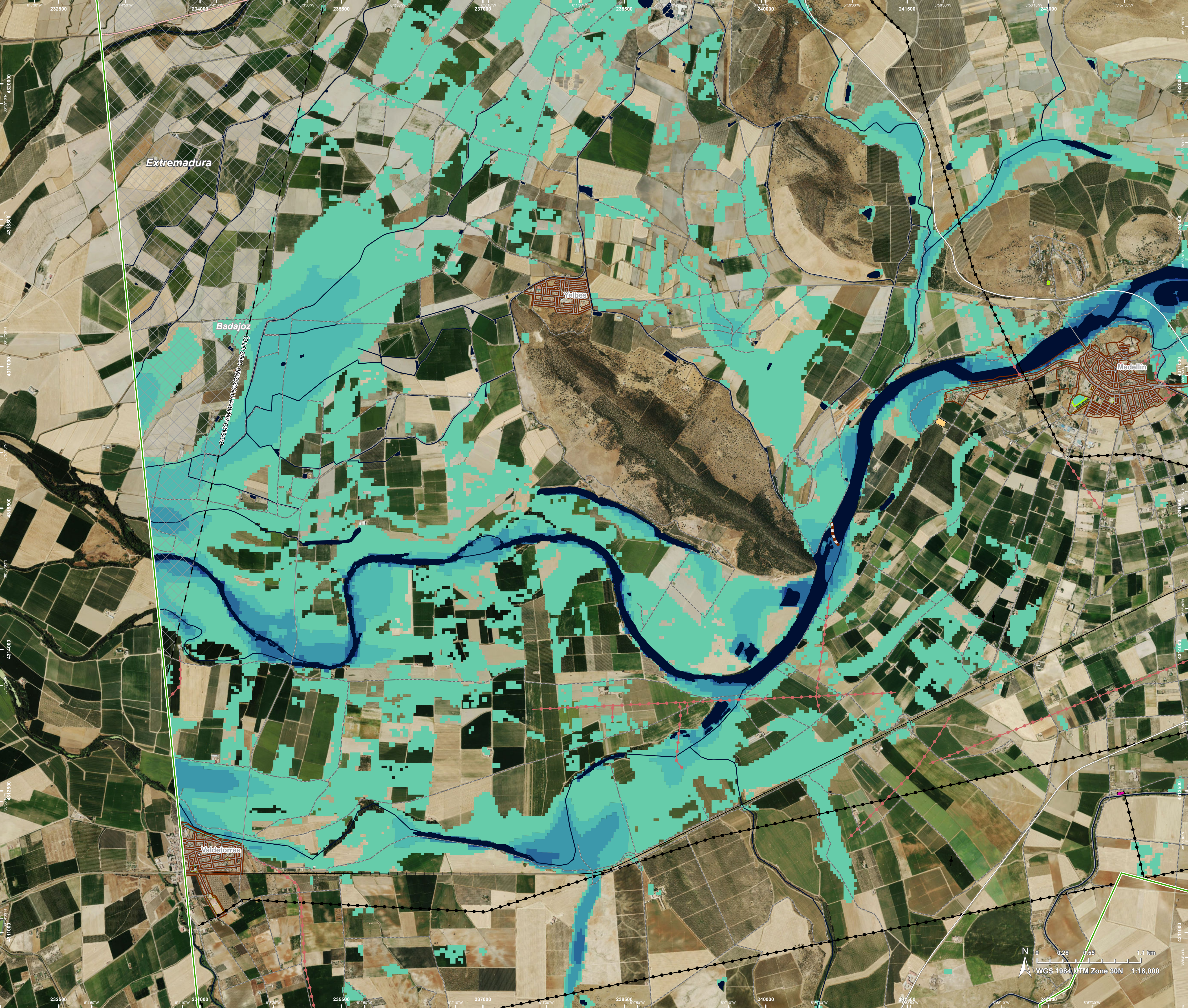
The thematic layer has been derived from post-event satellite image using a semi-automatic approach. Please be aware that the thematic accuracy might be lower in urban and forested areas due to inherent limitations of the SAR analysis technique.


The flooded area corresponds to the water observed in the most recent satellite imagery, excluding the permanent water. An extrapolated flood extent is generated by integrating observed flood areas with a Digital Terrain Model (DTM). The model's accuracy and spatial coverage depend on DTM resolution and quality, enabling the prediction of potentially flooded areas in regions with limited visibility in imagery, such as urban and forested zones.

Map produced by ITHACA released by e-GEOS on the 12/02/2026.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR861>





 EMSR861 - AO118  
Storm in Spain  
DON BENITO

Situation as of 11/02/2026 18:22 UTC  
Delineation MONIT01 - Detail map 02



- Estimated flood depth (m)**

  - Below 0.50
  - 0.50 to 1.00
  - 1.00 to 2.00
  - 2.00 to 4.00
  - Above 4.00

**General Information**

  - Area of Interest
  - Image Footprint
  - Not Analysed

**Built-Up Area**

  - Residential

**Hydrography**

  - Lake, River
- Facilities**

  - Long-distance pipelines or lines
  - Local pipelines or lines
  - Dam
  - Power plant
  - Sport and recreation constructions
  - Water or Aquatic infrastructure

**Transportation**

  - Highway
  - Main road
  - Local road
  - Track
  - Railway

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EMSR861 - AOI18

Storm in Spain

DON BENITO

Situation as of 11/02/2026 18:22 UTC

Delineation MONIT01 - Detail map 03



- Estimated flood depth (m)

Below 0.50

0.50 to 1.00

1.00 to 2.00

2.00 to 4.00
- Hydrography

Lake, River

Facilities

Long-distance pipelines or lines

Local pipelines or lines

Sport and recreation constructions

Dam

Transportation

Main road

Local road

Track

General Information

Area of Interest

Administrative Boundaries

Province

Built-Up Area

Residential
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Consequences within the AOI

				LATEST IMPACT			
			Unit of measurement	Imagery-based observation*	Model-based output	Imagery- and Model-based results	
Crisis information	Flooded area		ha	7,929.2	19,750.7	27,680.0	
	Maximum of all extents**		ha	7,929.2	19,750.7	27,680.0	
				POTENTIALLY AFFECTED			Total in AOI
Estimated population		Inhabitants	No.	~ 500	~ 2,200	~ 2,700	~ 93,000
Assets	Built-up	Residential Buildings	ha	7.9	57.6	65.4	1,979.7
		Other non-residential buildings	ha	4.8	27.3	32.1	795.2
	Transportation	Helipad	ha	0	0	0	0.3
		Airfield runways	km	0	0	0	0.8
		Highways	km	1.3	10.2	11.5	217.4
		Primary Road	km	2.5	20.9	23.4	345.8
		Secondary Road	km	1.4	17.3	18.7	132.9
		Local Road	km	6.8	80.8	87.7	1,408.1
		Cart Track	km	56.3	473.0	529.2	3,214.2
		Long-distance railways	km	0.3	1.7	2.0	48.3
	Facilities	Settling Basin	ha	0.1	2.0	2.1	18.0
		Dams	ha	0.7	6.3	7.0	13.0
		Constructions for mining or extraction	ha	1.6	2.0	3.6	6.8
		Power plant constructions	ha	2.6	7.2	9.8	923.0
		Sport and recreation constructions	ha	2.2	7.7	9.9	225.4
		Other civil engineering works not elsewhere classified	ha	0	0	0	37.6
		Long-distance pipelines, communication and electricity lines	km	14.1	65.5	79.6	502.9
		Local pipelines and cables	km	8.8	28.7	37.5	214.8
	Land use	Dams	km	0.5	1.4	1.9	4.1
		Arable land	ha	6,747.6	14,837.1	21,584.7	119,640.7
		Other	ha	467.1	1,051.9	1,519.1	28,745.6
		Heterogeneous agricultural areas	ha	323.8	1,252.1	1,575.9	38,990.4
		Shrub and/or herbaceous vegetation association	ha	224.7	1,254.8	1,479.5	59,743.6
		Permanent crops	ha	115.3	902.6	1,017.9	20,450.0
		Pastures	ha	31.3	181.6	212.8	7,092.6
		Forests	ha	18.2	265.4	283.6	12,515.8
Open spaces with little or no vegetation	ha	1.2	5.2	6.4	1,224.3		

\* Corresponds to the water observed in the most recent satellite imagery, excluding permanent water  
\*\* Corresponds to the geographic union (and NOT the sum) of all Crisis Information extents.

**Disclaimer:**  
Full disclaimer and other helpful information available in the online manual:  
<https://mapping.emergency.copernicus.eu/about/rapid-mapping-manual/>  
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**Data Access:**  
All data displayed on the map(s), as well as Land Use - Land Cover layer(s), 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 (2026); Wikimapia.org; GeoNames 2015;  
© EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2024.  
Corine Land Cover (CLC) 2018.

Inset Maps: Natural Earth 2023; HydroLAKES 2016 by HydroSHEDS;  
© EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2024.

Digital Elevation Model:  
FABDEM (ForestAndBuildingsremovedCopernicusDEM) removes building and tree height biases from the Copernicus GLO 30 Digital Elevation Model (DEM) (Airbus, 2020).

