

EMSR861 - AOI01
Storm Kristin and Flooding in Central
Portugal and Andalusia Spain
CORDOBA

Situation as of 06/02/2026 18:13 UTC
Delineation MONIT02 - Overview map 01



Flooded area
EO-based 3,824.1 ha
Model-based 4,588.0 ha



Potentially affected
population
~ 1,350

Potentially Affected Built-up and Transportations



Built-Up
3.2 ha



Road
70.8 km



Airport
0.2 km
1.0 ha



Railway
2.9 km



Water infrastructure
0.7 km
13.4 ha

Estimated flood depth (m)	Facilities
Below 0.50	Long-distance pipelines or lines
0.50 to 1.00	Local pipelines or lines
1.00 to 2.00	Dam
2.00 to 4.00	Mining or extraction site
Above 4.00	Water Well
Area of Interest	Power plant
Detail map	Sport and recreation constructions
Administrative Boundaries	Dump Site
Built-Up Area	Water or Aquatic infrastructure
Residential	Dam
Non residential	Transportation
School, university and research buildings	Highway
Hospital or institutional care buildings	Main road
Military	Local road
Hydrography	Track
Lake, River	Railway
	Airfield runway
	Airfield
	Helipad

Event: On 26 January 2026 at 18:00, a river overflow is forecast to affect the Guadalquivir river basin in the provinces of Granada, Jaén and Córdoba (Andalusia, Spain). The event is forecast and increasing; the main rain front has already passed, but more rainfall is expected over the next 48 hours, which is expected to maintain and increase river water levels, with flooding affecting buildings and infrastructure in the floodplains, including urban areas. Copernicus EMS Rapid Mapping is requested to provide emergency maps of the extent of the flooding for further analysis and to improve understanding of the basin's response.

Data sources and analysis: Pre-event image: Sentinel-2 (2025) (acquired on 18/11/2025 at 11:14 UTC, resolution 10 m).
Post-event image: RADARSAT 2 Data and products © MacDonald, Detwiler and Associates Ltd. (2026) (acquired on 06/02/2026 at 18:13 UTC, resolution 10 m) – RADARSAT is an official mark of the Canadian Space Agency.
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.

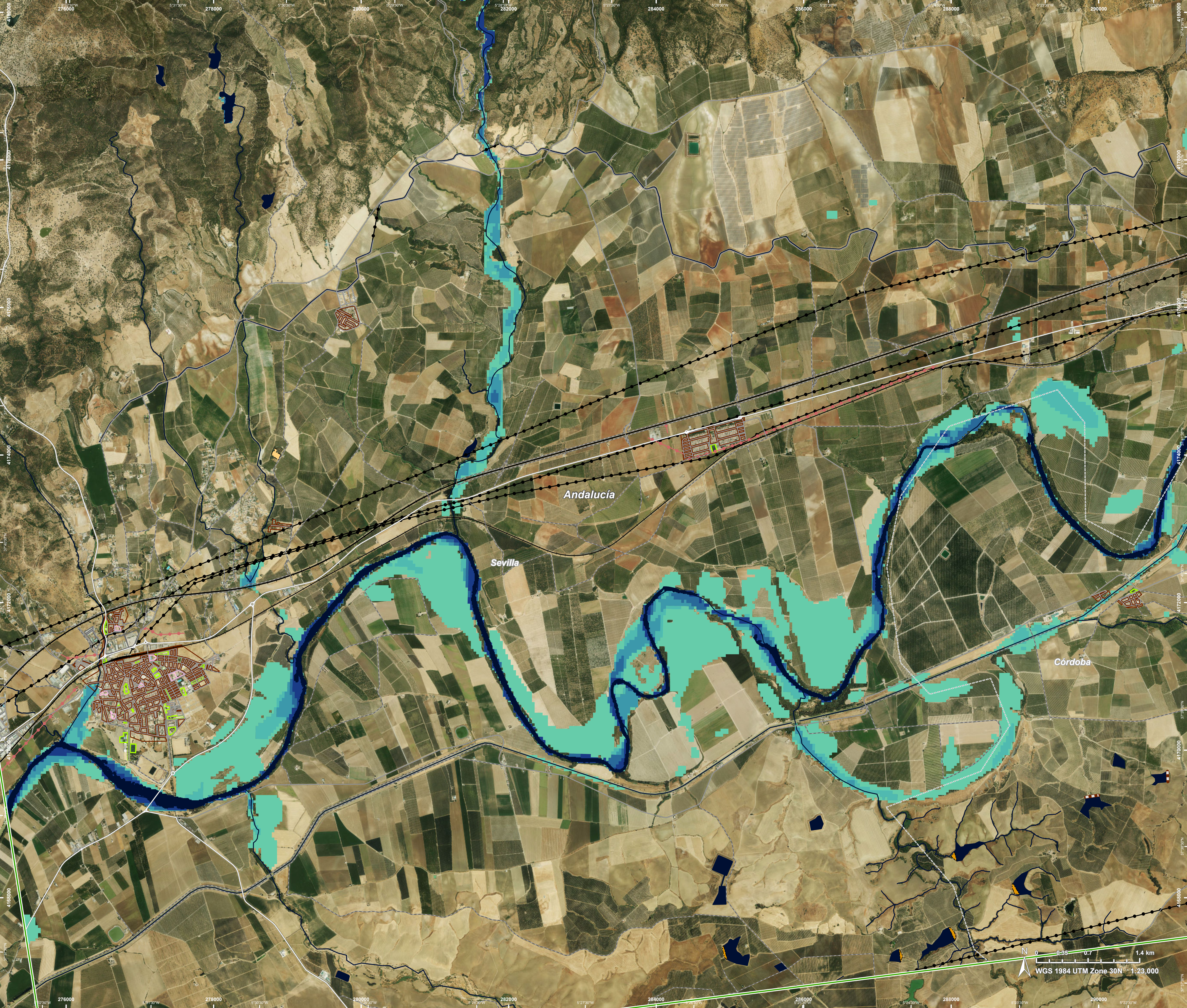
Map produced by ITHACA released by e-GEOS on the 07/02/2026.

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



PROGRAMME OF THE
EUROPEAN UNION





EMSR861 - AOI01
Storm Kristin and Flooding in Central
Portugal and Andalusia Spain
CORDOBA

Situation as of 06/02/2026 18:13 UTC
Delineation MONIT02 - 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

Administrative Boundaries

 - Province

Built-Up Area

 - Residential
 - Non residential
 - School, university and research buildings

Hydrography

 - Lake, River
- Facilities**

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

Transportation

 - Main road
 - Local road
 - Track
 - Railway
 - Helipad

Event: On 26 January 2026 at 18:00, a river overflow is forecast to affect the Guadalquivir river basin in the provinces of Granada, Jaén and Córdoba (Andalusia, Spain). The event is forecast and increasing; the main rain front has already passed, but more rainfall is expected over the next 48 hours, which is expected to maintain and increase river water levels, with flooding affecting buildings and infrastructure in the floodplains, including urban areas. Copernicus EMS Rapid Mapping is requested to provide emergency maps of the extent of the flooding for further analysis and to improve understanding of the basin's response.

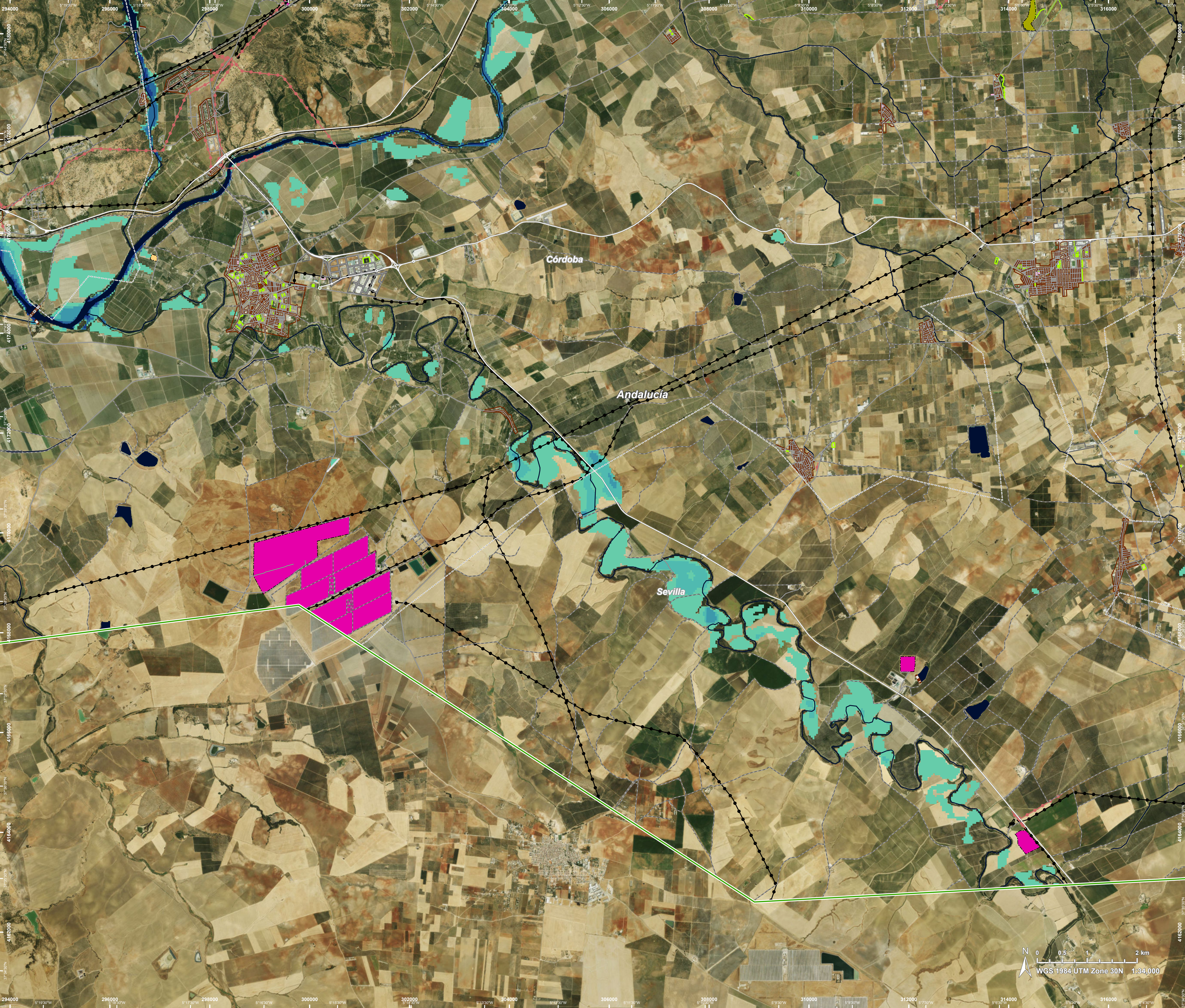
Data sources and analysis: Pre-event image: Sentinel-2 (2025) (acquired on 18/11/2025 at 11:14 UTC, resolution 10 m).
Post-event image: RADARSAT 2 Data and products © MacDonald, Detwiler and Associates Ltd. (2026) (acquired on 06/02/2026 at 18:13 UTC, resolution 10 m) – RADARSAT is an official mark of the Canadian Space Agency.
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 07/02/2026.

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



EMSR861 - AOI01
Storm Kristin and Flooding in Central
Portugal and Andalusia Spain
CORDOBA

Situation as of 06/02/2026 18:13 UTC
Delineation MONIT02 - 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
 - Above 4.00

General Information

 - Area of Interest

Administrative Boundaries

 - Province

Built-Up Area

 - Residential
 - Non residential
 - School, university and research buildings
 - Military

Hydrography

 - Lake, River
- Facilities**

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

Transportation

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

Event: On 26 January 2026 at 18:00, a river overflow is forecast to affect the Guadalquivir river basin in the provinces of Granada, Jaén and Córdoba (Andalusia, Spain). The event is forecast and increasing; the main rain front has already passed, but more rainfall is expected over the next 48 hours, which is expected to maintain and increase river water levels, with flooding affecting buildings and infrastructure in the floodplains, including urban areas. Copernicus EMS Rapid Mapping is requested to provide emergency maps of the extent of the flooding for further analysis and to improve understanding of the basin's response.

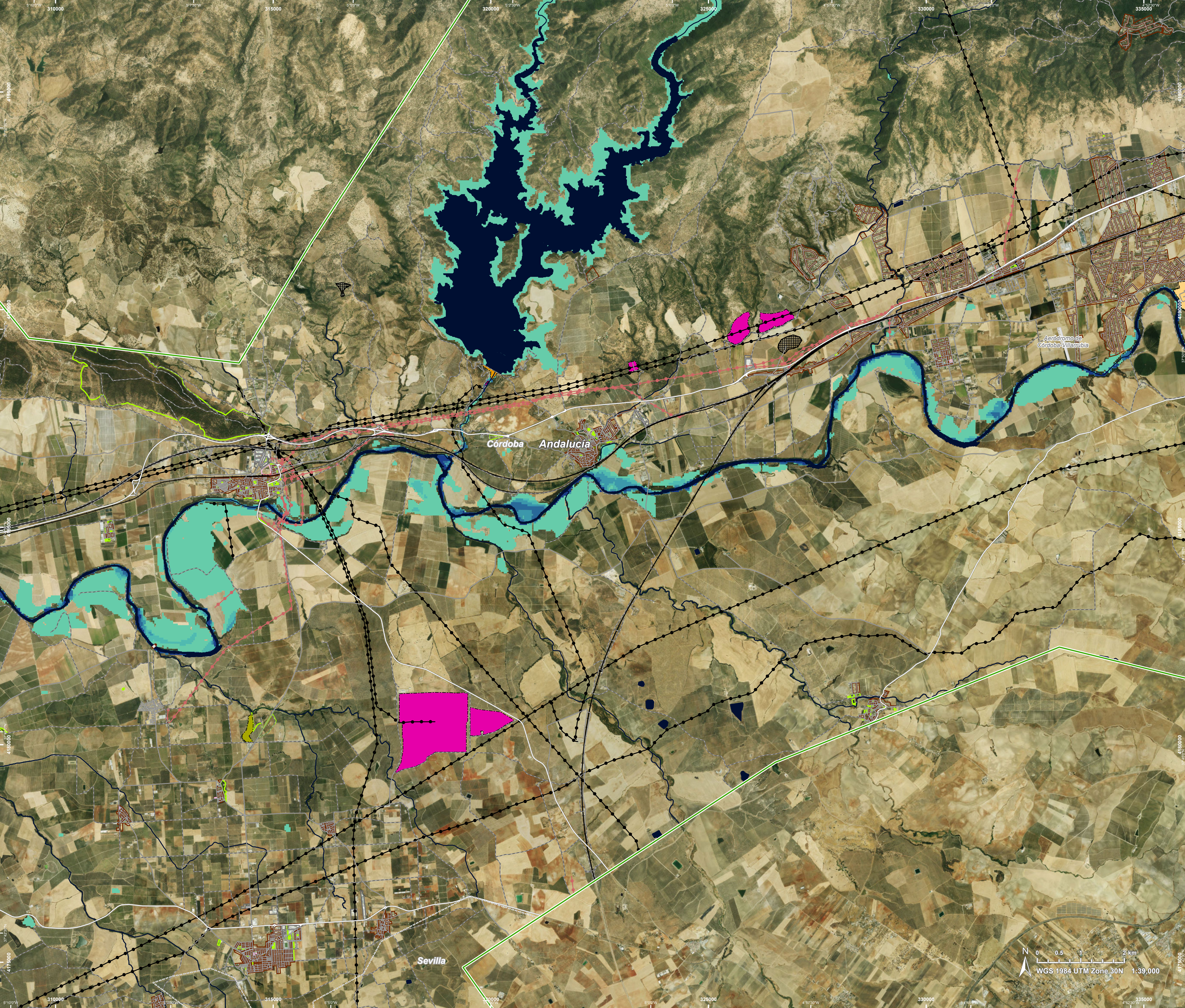
Data sources and analysis: Pre-event image: Sentinel-2 (2025) (acquired on 18/11/2025 at 11:14 UTC, resolution 10 m).
Post-event image: RADARSAT 2 Data and products © MacDonald, Detwiler and Associates Ltd. (2026) (acquired on 06/02/2026 at 18:13 UTC, resolution 10 m) – RADARSAT is an official mark of the Canadian Space Agency.
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 07/02/2026.

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



EMSR861 - AOI01
Storm Kristin and Flooding in Central
Portugal and Andalusia Spain
CORDOBA

Situation as of 06/02/2026 18:13 UTC
Delineation MONIT02 - Detail map 04



- | Estimated flood depth (m) | Facilities |
|---|------------------------------------|
| Below 0.50 | Long-distance pipelines or lines |
| 0.50 to 1.00 | Local pipelines or lines |
| 1.00 to 2.00 | Dam |
| 2.00 to 4.00 | Mining or extraction site |
| Above 4.00 | Power plant |
| Area of Interest | Sport and recreation constructions |
| Administrative Boundaries | Dump Site |
| Province | Water or Aquatic infrastructure |
| Built-Up Area | Dam |
| Residential | Transportation |
| Non residential | Main road |
| School, university and research buildings | Local road |
| Military | Track |
| Hydrography | Railway |
| Lake, River | Airfield runway |
| | Airfield |
| | Helipad |

Event: On 26 January 2026 at 18:00, a river overflow is forecast to affect the Guadalquivir river basin in the provinces of Granada, Jaén and Córdoba (Andalusia, Spain). The event is forecast and increasing; the main rain front has already passed, but more rainfall is expected over the next 48 hours, which is expected to maintain and increase river water levels, with flooding affecting buildings and infrastructure in the floodplains, including urban areas. Copernicus EMS Rapid Mapping is requested to provide emergency maps of the extent of the flooding for further analysis and to improve understanding of the basin's response.

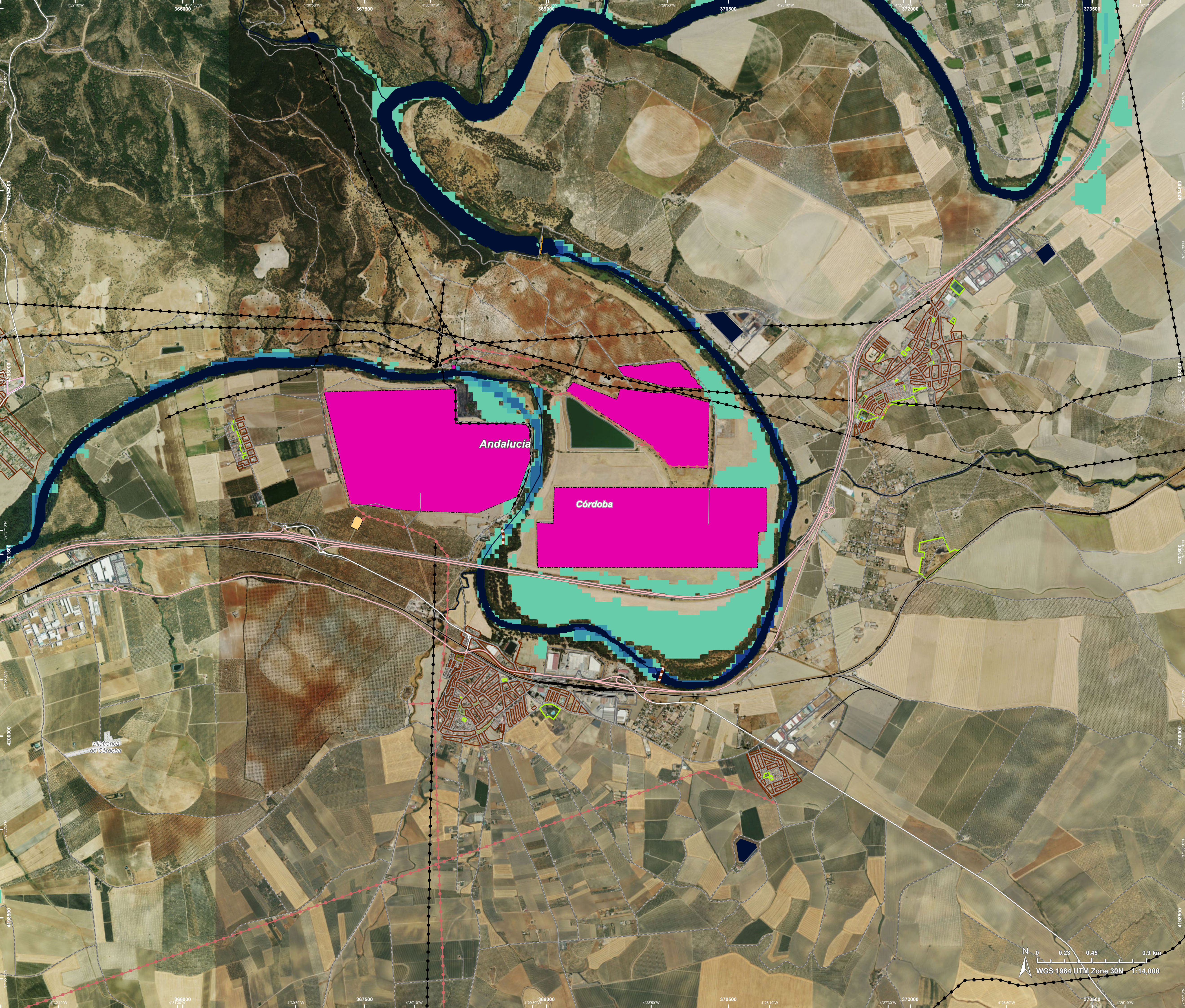
Data sources and analysis: Pre-event image: Sentinel-2 (2025) (acquired on 18/11/2025 at 11:14 UTC, resolution 10 m).
Post-event image: RADARSAT 2 Data and products © MacDonald, Detwiler and Associates Ltd. (2026) (acquired on 06/02/2026 at 18:13 UTC, resolution 10 m) – RADARSAT is an official mark of the Canadian Space Agency.
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 07/02/2026.

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



- 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
- Built-Up Area**
- Residential
 - Non residential
 - School, university and research buildings
 - Military
- Hydrography**
- Lake, River
- Facilities**
- Long-distance pipelines or lines
- Local pipelines or lines**
- Dam
 - Power plant
 - Sport and recreation constructions
 - Water or Aquatic infrastructure
 - Dam
- Transportation**
- Highway
 - Main road
 - Local road
 - Track
 - Railway
 - Airfield runway
 - Airfield

Event: On 26 January 2026 at 18:00, a river overflow is forecast to affect the Guadalquivir river basin in the provinces of Granada, Jaén and Córdoba (Andalusia, Spain). The event is forecast and increasing; the main rain front has already passed, but more rainfall is expected over the next 48 hours, which is expected to maintain and increase river water levels, with flooding affecting buildings and infrastructure in the floodplains, including urban areas. Copernicus EMS Rapid Mapping is requested to provide emergency maps of the extent of the flooding for further analysis and to improve understanding of the basin's response.

Data sources and analysis: Pre-event image: Sentinel-2 (2025) (acquired on 18/11/2025 at 11:14 UTC, resolution 10 m).
Post-event image: RADARSAT 2 Data and products © MacDonald, Detwiler and Associates Ltd. (2026) (acquired on 06/02/2026 at 18:13 UTC, resolution 10 m) – RADARSAT is an official mark of the Canadian Space Agency.
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 07/02/2026.

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

Consequences within the AOI

			Unit of measurement	LATEST IMPACT		
				Imagery-based observation*	Model-based output	Imagery- and Model-based results
Crisis information	Flooded area		ha	3,824.1	4,588.0	8,412.1
	Maximum of all extents**		ha	3,824.1	4,588.0	8,412.1

				POTENTIALLY AFFECTED		TOTAL POTENTIALLY AFFECTED	Total in AOI
Estimated population		Inhabitants	No.	~ 150	~ 1,200	~ 1,350	~ 430,000
Assets	Built-up	Residential Buildings	ha	0.2	2.8	3.1	2,821.4
		Office buildings	ha	0	0	0	18.7
		Industrial buildings	ha	0	0.1	0.1	720.2
		School, university and research buildings	ha	0	0	0	66.3
		Hospital or institutional care buildings	ha	0	0	0	7.3
		Military	ha	0	0	0	12.7
		Cemetery	ha	0	0	0	17.7
	Transportation	Airfield runways	ha	0	1.0	1.0	220.3
		Helipad	ha	0	0	0	0.3
		Airfield runways	km	0.03	0.1	0.2	5.9
		Highways	km	0.04	3.2	3.2	287.5
		Primary Road	km	0	0.5	0.5	97.6
		Secondary Road	km	0.2	2.4	2.6	269.2
		Local Road	km	0.9	10.1	11.0	2,201.0
		Cart Track	km	12.1	41.4	53.6	2,525.0
		Long-distance railways	km	0	2.9	2.9	467.7
	Facilities	Settling Basin	ha	0.7	1.1	1.8	38.4
		Dams	ha	3.7	7.9	11.6	22.5
		Constructions for mining or extraction	ha	0.02	0.1	0.2	60.8
		Power plant constructions	ha	7.8	44.5	52.3	1,057.1
		Sport and recreation constructions	ha	0	0.2	0.2	818.7
		Other civil engineering works not elsewhere classified	ha	0	0	0	31.8
		Long-distance pipelines, communication and electricity lines	km	5.0	10.8	15.8	817.7
		Local pipelines and cables	km	1.1	2.1	3.2	145.5
		Dams	km	0.1	0.6	0.7	2.3
	Land use	Arable land	ha	2,245.3	1,534.4	3,779.7	129,318.2
		Other	ha	1,118.7	1,470.3	2,589.0	19,942.5
		Permanent crops	ha	199.3	433.5	632.8	58,941.3
		Heterogeneous agricultural areas	ha	88.4	219.9	308.3	18,257.8
		Pastures	ha	85.2	116.2	201.4	1,687.1
		Shrub and/or herbaceous vegetation association	ha	52.3	391.7	444.0	25,099.7
		Forests	ha	34.2	368.1	402.3	22,947.8
		Open spaces with little or no vegetation	ha	0.4	53.6	54.1	236.7

* 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/>

© European Union / Copernicus Emergency Management Service

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).

Access to the portal

