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

GDACS ID: N/A
Product version: 1

EMSR871 - AOI01
Flood in Abruzzo, Molise and Basilicata regions, Italy
ROMUALDI

Situation as of 04/04/2026 10:14 UTC

Grading - Overview map 01



Flood trace
12.9 ha
Flooded area
44.9 ha

Potentially affected population
~ Not available

Affected Built-up and Transportations

Built-Up
27 No.

Road
0.3 km

Crisis Information
- Flooded Area
- Flood trace

Built Up Grading
- Damaged
- Possibly damaged

Transportation Grading
- Road, Possibly damaged
- Highway, No visible damage
- Main road, No visible damage
- Local road, No visible damage
- Track, No visible damage
- Railway, No visible damage
- Airfield runway, No visible damage
- Airfield and Heliport, No visible damage

General Information
- Area of Interest
- Detail map

Hydrography
- Lake, River

Event: From March 31st in the afternoon, Italy has been hit by severe weather, bringing snow and heavy rain, particularly over the Molise, Abruzzo and Basilicata regions. The rains have caused some river levels in both regions to reach the third alert threshold. The National Civil Protection has issued a red alert for part of these regions. The most critical situation concerns the Liscione Dam, in the Molise region, which has reached its maximum capacity and is discharging water downstream toward the industrial zone of the city of Termoli, which has already been evacuated. The activation will be useful for monitoring the flooded areas downstream of the dam, especially the area near the industrial area of Termoli. Copernicus EMS Rapid Mapping is requested to provide flood extent and damage assessment emergency mapping.

Data sources and analysis: Pre-event image:
ESRI World Imagery © DigitalGlobe (2025) (acquired on 30/05/2025 at 00:00 UTC, resolution 0,3 m).
Post-event image: Legion © Vantor (2026) , provided by European Space Imaging (acquired on 04/04/2026 at 10:14 UTC, resolution 0,3 m). This image is used as background image.
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The thematic layer has been derived from post-event satellite image by means of visual interpretation.

Map produced by ITHACA released by e-GEOS on the 05/04/2026.

Details on this activation and service conditions available through the QR code or at the link: https://mapping.emergency.copernicus.eu/activations/EMSR871

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N

0 0,23 0,45 0,9 km

WGS 1984 UTM Zone 33N 1:15.000

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

GDACS ID: N/A
Product version: 1

EMSR871 - AOI01
Flood in Abruzzo, Molise and Basilicata regions, Italy
ROMUALDI

Situation as of 04/04/2026 10:14 UTC

Grading - Detail map 02



Crisis Information

- Flooded Area
- Flood trace

Built Up Grading

- Damaged
- Possibly damaged

Transportation Grading

- Highway, No visible damage
- Main road, No visible damage
- Local road, No visible damage
- Track, No visible damage
- Railway, No visible damage

General Information

- Area of Interest

Hydrography

- Lake, River

Campobasso
Molise

N
0 0,03 0,06 0,12 km
WGS 1984 UTM Zone 33N 1:2.000

Event: From March 31st in the afternoon, Italy has been hit by severe weather, bringing snow and heavy rain, particularly over the Molise, Abruzzo and Basilicata regions. The rains have caused some river levels in both regions to reach the third alert threshold. The National Civil Protection has issued a red alert for part of these regions. The most critical situation concerns the Liscione Dam, in the Molise region, which has reached its maximum capacity and is discharging water downstream toward the industrial zone of the city of Termoli, which has already been evacuated. The activation will be useful for monitoring the flooded areas downstream of the dam, especially the area near the industrial area of Termoli. Copernicus EMS Rapid Mapping is requested to provide flood extent and damage assessment emergency mapping.

Data sources and analysis: Pre-event image:
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Post-event image: Legion © Vantor (2026) , provided by European Space Imaging (acquired on 04/04/2026 at 10:14 UTC, resolution 0,3 m). This image is used as background image.
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The thematic layer has been derived from post-event satellite image by means of visual interpretation.

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Copernicus
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GLIDE number: N/A
Int. Charter Act. ID: N/A

GDACS ID: N/A
Product version: 1

EMSR871 - AOI01
Flood in Abruzzo, Molise and Basilicata regions, Italy
ROMUALDI

Situation as of 04/04/2026 10:14 UTC

Grading - Detail map 03



Crisis Information

Flooded Area

Built Up Grading

Damaged

Transportation Grading

Local road, No visible damage

Track, No visible damage

Railway, No visible damage

Hydrography

Lake, River

Event: From March 31st in the afternoon, Italy has been hit by severe weather, bringing snow and heavy rain, particularly over the Molise, Abruzzo and Basilicata regions. The rains have caused some river levels in both regions to reach the third alert threshold. The National Civil Protection has issued a red alert for part of these regions. The most critical situation concerns the Liscione Dam, in the Molise region, which has reached its maximum capacity and is discharging water downstream toward the industrial zone of the city of Termoli, which has already been evacuated. The activation will be useful for monitoring the flooded areas downstream of the dam, especially the area near the industrial area of Termoli. Copernicus EMS Rapid Mapping is requested to provide flood extent and damage assessment emergency mapping.

Data sources and analysis: Pre-event image:
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The thematic layer has been derived from post-event satellite image by means of visual interpretation.

Map produced by ITHACA released by e-GEOS on the 05/04/2026.

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PROGRAMME OF THE EUROPEAN UNION

Copernicus
Europe's eyes on Earth

Molise

Campobasso

15°0'10"E
500500
15°0'30"E
4643500
4643000

N
0 0,01 0,03 0,06 km
WGS 1984 UTM Zone 33N 1:1.000

EMSR871 AOI: 01 Romualdi Grading

Consequences within the AOI

				LATEST IMPACT	
			Unit of measurement	Imagery-based observation*	
Crisis information	Flood trace		ha		12.9
	Flooded area		ha		44.9
	Maximum of all extents**		**ha**		**57.8**

				Destroyed	Damaged	Possibly damaged***	Total affected****	Total in AOI
Estimated population		**Inhabitants**	**No.**				NA	~ 5,400
Assets	Built-up	Residential Buildings	No.	0	1	8	9	24
		Institutional	No.	0	0	0	0	1
		Wholesale and retail trade buildings	No.	0	0	0	0	13
		Industrial buildings	No.	0	0	0	0	40
		Public entertainment buildings	No.	0	0	0	0	1
		Other non-residential buildings	No.	0	13	5	18	18
		Other buildings not elsewhere classified	No.	0	0	0	0	1
		Hotel buildings	No.	0	0	0	0	1
		Communication buildings, stations, terminals and associated buildings	No.	0	0	0	0	2
		Unclassified	No.	0	0	0	0	579
	Transportation	Airfield runways	ha	0	0	0	0	4.9
		Helipad	ha	0	0	0	0	0.1
		Airfield runways	km	0	0	0	0	0.4
		Highways	km	0	0	0	0	32.4
		Primary Road	km	0	0	0	0	5.6
		Secondary Road	km	0	0	0	0	6.6
		Local Road	km	0	0	0	0	94.0
		Cart Track	km	0	0	0.3	0.3	38.9
		Long-distance railways	km	0	0	0	0	20.3
	Facilities	Settling Basin	ha	0	0	0	0	7.6
		Power plant constructions	ha	0	0	0	0	5.9
		Sport and recreation constructions	ha	0	0	0	0	5.7
		Other civil engineering works not elsewhere classified	ha	0	0	0	0	3.5
		Long-distance pipelines, communication and electricity lines	km	0	0	0	0	22.9
		Local pipelines and cables	km	0	0	0	0	18.6
	Land use	Arable land	ha				47.6	2,049.1
		Other	ha				10.2	493.3
		Permanent crops	ha				0	121.5
		Heterogeneous agricultural areas	ha				0	13.1

* Corresponds to the water surface observed in the most recent satellite imagery, excluding permanent water.
** Corresponds to the geographic union (and NOT the sum) of all Crisis Information layers.
*** It is intersected with the population and asset datasets to estimate the impacts.
**** Sum of all damage classes

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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Access to the portal

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).

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