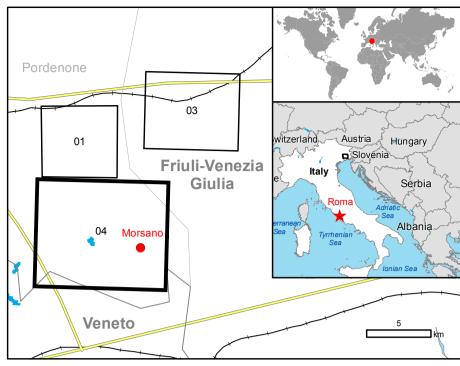


GLIDE number: N/A

Activation ID: EMSR225 Product N.: 04MORSANO, v2, English

# **Morsano - ITALY**

## Wind storm - Situation as of 18/08/2017 **Grading Map**

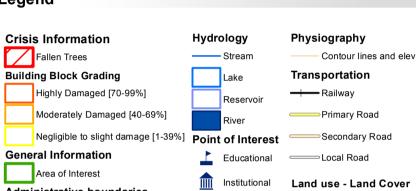


### Cartographic Information

Full color ISO A1, medium resolution (200 dpi)

Grid: WGS 1984 UTM Zone 33N map coordinate system

# Tick marks: WGS 84 geographical coordinate system



Populated Place

Transportation

Ambient population		No.			412			11715
Settlements	Industrial	ha	0.0	0.0	2.4	7.6	10.0	80.8
	Commercial	ha	0.0	0.0	0.0	0.0	0.0	6.6
	Istitutional	ha	0.0	0.0	0.0	0.0	0.0	1.6
	Residential	ha	0.0	1.0	0.6	10.5	12.1	556.8
	Religious	ha	0.0	0.0	0.0	0.0	0.0	0.2
	Recreational	ha	0.0	0.0	0.0	0.0	0.0	1.5
	Educational	ha	0.0	0.0	0.0	0.0	0.0	3.1
	Stadium	ha	0.0	0.0	0.0	0.0	0.0	2.0
	Cemetery	ha	0.0	0.0	0.0	0.0	0.0	4.5
	Agriculture	ha	0.0	0.0	1.8	0.0	1.8	23.5
Transportation	Primary roads	km	0.0	0.0	0.0	0.0	0.0	15.3
	Secondary roads	km	0.0	0.0	0.0	0.0	0.0	38.4
	Local roads	km	0.0	0.0	0.0	0.0	0.0	227.0
	Railways	km	0.0	0.0	0.0	0.0	0.0	8.9
	Stations	No.	0.0	0.0	0.0	0.0	0.0	1
Utilities	Power station	ha	0.0	0.0	0.0	0.0	0.0	24.2
	Processing facility	ha	0.0	0.0	0.0	0.0	0.0	0.8
Land use	Bare soil	ha	0.0					219.5
	Cropland	ha	23.1					7610.2
	Scrub	ha	0.0					25.3
	Woodland	ha	0.0					76

On 10th of August strong thunderstorms affected the territory of Friuli Venezia Giulia Region causing, in few hours, severe damages. Several infrastructures and industries have been affected and forested areas have been impacted.

The present map shows the damage grade assessment in the area of Morsano (Italy). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The estimated geometric accuracy is 5 m or better, from native positional accuracy of the background satellite image.

Relevant date records								
Event	10/08/2017	Situation as of	18/08/2017					
Activation	17/08/2017	Map production	30/08/2017					

Pre-event image: Pléiades-1B © CNES (2017), distributed by Airbus DS (acquired on 25/05/2017 at 10:07 UTC, GSD 0.5 m, approx. 0% cloud coverage in AoI, 11° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved. Post-event image: Pléiades-1B © CNES (2017), distributed by Airbus DS (acquired on 18/08/2017 at 10:03 UTC, GSD 0.5 m, approx. 0% cloud coverage in AoI, 18° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, refined by the producer.

Inset maps: JRC 2013, © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2013.

Population data: Landscan 2010 © UT BATTELLE, LLC Digital Elevation Model: EU-DEM (25 m)

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