

## San Vito - ITALY

### Wind storm - Situation as of 18/08/2017

#### Grading Map

#### Cartographic Information

1:10000

Full color ISO A1, medium resolution (200 dpi)

0 0.125 0.25 0.5 km

Grid: WGS 1984 UTM Zone 33N map coordinate system  
Tick marks: WGS 84 geographical coordinate system

#### Legend

##### Crisis Information

Fallen Trees

##### Building Grading

Highly Damaged

Moderately Damaged

Negligible to slight damage

##### General Information

Area of Interest

##### Administrative boundaries

Municipality

##### Settlements

Populated Place

##### Hydrology

Stream

Lake

##### Point of Interest

Educational

Institutional

Medical

Religious

Transportation

Cemetery

##### Physiography

Contour lines and elevation (m)

##### Transportation

Railway

Primary Road

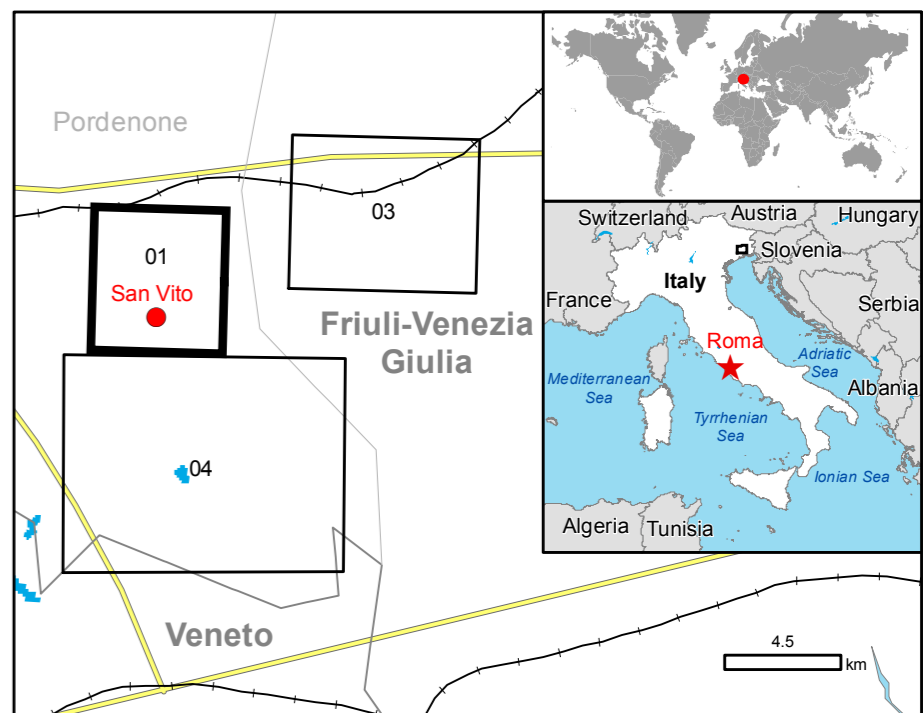
Secondary Road

Local Road

##### Land use - Land Cover

Features available in vector data

Consequences within the AOI									
	Unit of measurement	Destroyed	Highly damaged	Moderately damaged	Negligible to slight damage	Total affected	Total in AOI		
Fallen trees	ha				0.7				
Ambient population	No.					49			16107
Settlements									
Industrial	No.	0	0	4	6	10			305
Commercial	No.	0	0	0	0	0			49
Residential	No.	0	0	0	0	0			21
Religious	No.	0	1	2	6	9			6108
Recreational	No.	0	0	0	0	0			9
Transportation	No.	0	0	0	0	0			20
Medical	No.	0	0	0	0	0			1
Educational	No.	0	0	0	0	0			26
Sports Ground	No.	0	0	0	0	0			16
Stadium	No.	0	0	0	0	0			1
Cemetery	No.	0	0	0	0	0			9
Power generator	No.	0	0	0	0	0			1
Agriculture	No.	0	0	0	0	0			1
Transportation									
Primary roads	km	0.0	0.0	0.0	0.0	0.0			10.6
Secondary roads	km	0.0	0.0	0.0	0.0	0.0			11.8
Local roads	km	0.0	0.0	0.0	0.0	0.0			216.0
Railways	km	0.0	0.0	0.0	0.0	0.0			7.8
Stations	No.	0.0	0.0	0.0	0.0	0.0			1
Utilities									
Power station	No.	0.0	0.0	0.0	0.0	0.0			1
Quarry	No.	0.0	0.0	0.0	0.0	0.0			1
Processing facility	No.	0.0	0.0	0.0	0.0	0.0			3
Land use									
Cropland	ha			0.7					2056.6



#### Map Information

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 San Vito (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.

#### Data Sources

Pre-event image: Pleiades-1B © CNES (2017), distributed by Airbus DS (acquired on 25/05/2017 at 10:07 UTC, GSD 0.5 m, approx. 3% cloud coverage in AOI, 11° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.  
Post-event image: Pleiades-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)

#### 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. The map and the information content are derived from satellite data without in situ validation. No liability concerning the contents or the use thereof is assumed by the producer and by the European Union. Map produced by ITHACA released by e-GEOS

For the latest version of this map and related products visit  
<http://emergency.copernicus.eu/EMSR225>

[jo-ems-rapidmapping@ec.europa.eu](mailto:jo-ems-rapidmapping@ec.europa.eu)  
© European Union

For full Copyright notice visit <http://emergency.copernicus.eu/mapping/ems/cite/copernicus-ems-mapping-portal>

Relevant date records			
Event	10/08/2017	Situation as of	18/08/2017
Activation	17/08/2017	Map production	24/08/2017