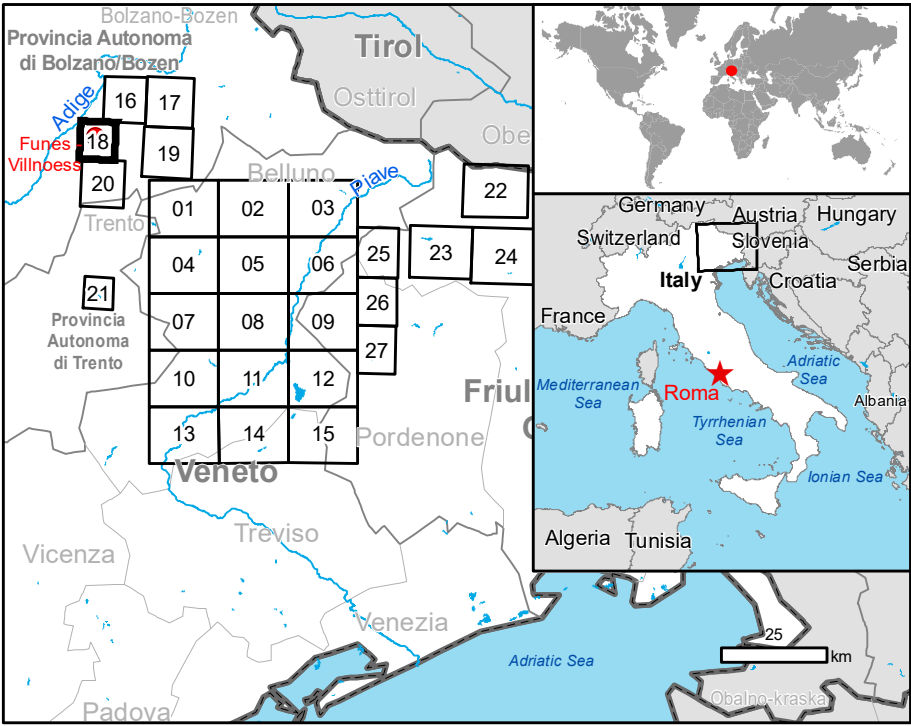


GLIDE number: N/A Activation ID: EMSR334
Product N.: 18FUNESVILLNOESS, v1, English

FUNES VILLNOESS - ITALY

Storm - Situation as of 17/11/2018

Delineation Map



Cartographic Information

1:17000 Full color ISO A1, medium resolution (200 dpi)

0 0.35 0.7 1.4 km

Grid: WGS 1984 UTM Zone 32N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

- General Information**
 - Area of Interest
 - Image Footprint
 - Not Analysed
 - Not Analysed - No data
- Placenames**
 - Placename
- Built-Up Area**
 - Residential
 - Traffic and communication
- Hydrography**
 - Stream
 - Lake
- Physiography**
 - Elevation Contour (m)
- Transportation**
 - Helipad
 - Secondary Road
 - Local Road
 - Cart Track
- Land use - Land Cover**
 - Features available in vector data

**NO AFFECTED AREAS OR DAMAGE
CAN BE DETECTED FROM
THE ANALYSED SATELLITE IMAGERY**

Map Information

From the first hours of 27 October until 30 October an intense weather event with heavy rain and very strong wind occurred in North Italy and affected especially the North East part (Friuli Venezia Giulia, Veneto, Provincia Autonoma di Bolzano and Provincia Autonoma di Trento). The event has been important both for intensity and for the duration (it lasted almost 4 days). The heavy rain caused the rapid increasing of the level of Livenza, Piave, Tagliamento and Adige rivers, many areas flooded and an extensive amount of mud and debris flow occurred. The destructive effects on the ground, with dozens of road interruptions, collapses of bridges, bank erosion, debris flows on settlements, and landslides, have been concentrated between Trentino, the Dolomites, Belluno and western Carria. A massive damage occurred also for the very strong southerly winds. There were winds at 200 km/h over the Monte Rest (Prealpi Carniche) in the Provincia Autonoma di Trento. Trees in sprawling mountainside forests were flattened by violent Scirocco winds. Thousands of hectares of forest were razed to the ground, and in a roughly estimate the storms destroyed about 7000 hectares of pine forest. The municipalities most involved are: the district of Belluno, Fiemme Valley, Fassa Valley and Primiero Valley, but damages are in all the territory: the red firs of the Visdende and Fiemme valley are destroyed as well the beeches of the Cansiglio forest. During the event, unfortunately, five people are dead.

The present map shows the storm impact in the area of Funes Villnoess (Italy). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The estimated geometric accuracy is 5 m CE90 or better, from native positional accuracy of the background satellite image.

Relevant date records			
Event	27/10/2018	Situation as of	17/11/2018
Activation	07/11/2018	Map production	11/12/2018

Data Sources

Pre-event image: Sentinel 2B (2018) (acquired on 21/10/2018 at 10:10 UTC, GSD 10 m, approx. 0% cloud coverage in Aoi) provided under COPERNICUS by the European Union and ESA.
Post-event image: SPOT6 @ Airbus DS (2018), (acquired on 17/11/2018 at 09:28 UTC, GSD 1.5 m, approx. 5% cloud coverage in Aoi, 30.7° 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, EuroBoundaryMap 2017, © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2013.

Population data: GHS - Population Grid © European Commission, 2015
http://data.europa.eu/89h/jrc-ghsl-ghs_pop_gpw4_globe_2015a
Digital Elevation Model: SRTM (30m) (NASA/USGS)

Disclaimer

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Map produced by SIRS released by SERTIT (ODD).

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