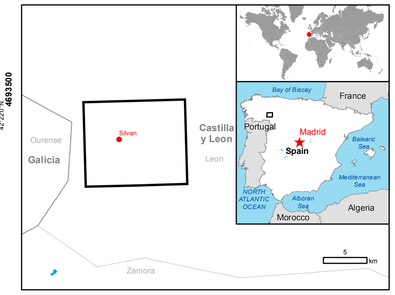
GLIDE number: N/A

Activation ID: EMSR254
Product N.: 02SILVAN, v2, English

Silvan - SPAIN
Wildfire - Situation as of 06/11/2017
Grading Map



Cartographic Information

1:18000 — Full color ISO A1, medium resolution (200 dpi)

0 0.25 0.5 1 km

Grid: WGS 1984 UTM Zone 29N map coordinate system
Tick marks: WGS 84 geographical coordinate system

N

Legend

Crisis Information

Land-use grading
- Destroyed
- Damaged
- Possibly damaged

Built Up grading
- Possibly damaged

General Information
- Area of Interest
- Placename

Administrative boundaries
- Municipality

Hydrography
- River
- Stream
- Reservoir

Facilities
- Dam
- Construction for mining or extraction

Transportation
- Secondary Road
- Local Road
- Cart Track

Consequences within the AOI							
		Unit of measurement	Destroyed	Damaged	Possibly damaged	Total affected	Total in AOI
Burnt area		ha	1060.2	167.7	56.1	1284.2	
Estimated population		No. of people				30	1384
Settlements	Residential	ha	0	0	2.0	2.0	40.5
Transportation	Secondary Road	km	0.5	0.4	0.2	1.1	19.1
	Local Road	km	0.2	0.1	0.1	0.4	22.7
	Cart Track	km	0.1	0.4	0.1	0.6	25.2
Facilities	Constructions for mining or extraction	km	0	0	0.1	0.1	772.5
	Dams	km	0	0	0	0	0.04
Land use	Pastures	ha	0	0	0	0	30.5
	Heterogeneous agricultural areas	ha	23.5	7.2	1.4	32.1	579.6
	Forests	ha	295.1	92.7	25.8	413.6	4108.3
	Shrub and/or herbaceous vegetation association	ha	741.7	67.8	28.9	838.5	6062.1

Map Information

During October 2017, numerous Forest Fires affected Spain, especially in the central areas. The government of the Castilla y León region triggered the Copernicus EMS Rapid Mapping Service for the production of delineation and grading maps over the affected areas in order to assess the damages in the areas of interest that are of great ecological value.

The present map shows the fire grading in the area of Silvan (Spain). The thematic layer has been derived from pre- and post-event satellite imagery using a semi-automatic approach. The estimated geometric accuracy is 11 m CE90 or better, from native positional accuracy of the background satellite image.

Relevant date records			
Event	15/10/2017	Situation as of	06/11/2017
Activation	06/11/2017	Map production	17/11/2017

Data Sources

Pre-event imagery: ESRI World Imagery © DigitalGlobe (acquired on 15/07/2014 at 00:00 UTC, GSD 0.5 m, approx. 0 % cloud coverage in AOI).
Sentinel-2A © Copernicus Sentinel data (2017) (acquired on 12/10/2017 11:21 UTC, GSD 10 m, 0 % cloud coverage in AOI) provided under COPERNICUS by the European Union and ESA.
Post-event image: Sentinel-2B © Copernicus Sentinel data (2017) (acquired on 06/11/2017 11:22 UTC, GSD 10 m, 0 % cloud coverage in AOI) provided under COPERNICUS by the European Union and ESA.

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

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Map produced by DLR released by e-GEOS (ODO).

For the latest version of this map and related products visit
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