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Orvalho - PORTUGAL

Fire - Situation as of 20/06/2017

Grading Map - Monit01

Baixo Vouga

Baixo Mondego

Medio Tejo

Pinhal Interior Norte

Pinhal Interior Sul

Dao-Lafões

Alentejo

Taça

1

2

3

4

5

6

7

8

9

10

Orvalho

10

Portugal

Spain

North Atlantic Ocean

Lisbon

10 km

Cartographic Information

1:25000Full color ISO A1, medium resolution (200 dpi)

00.512

km

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

Legend

Transportation Grading

Road, Highly Damaged

Road, Moderately Damaged

Road, Negligible to slight damage

Building Block Grading

Highly Damaged

Moderately Damaged

Negligible to slight damage

Fire Grading

Highly Damaged

Moderately Damaged

Negligible to slight damage

General Information

Area of Interest

Administrative boundaries

Province

Populated Place

Settlements

Primary Road

Secondary Road

Local Road

Consequences within the AOI

	Unit of measurement	Destroyed	Highly damaged	Moderately damaged	Negligible to slight damage	Total affected	Total in AOI
Burnt area	ha	0.0	325.2	197.6	100.6	623.4	624.4
Estimated population	No. of inhabitants	0	15	0	102	117	2916
Settlements	Residential	ha	0.0	0.0	0.2	0.5	0.7
	Agriculture	ha	0.0	0.4	0.0	0.0	0.3
	Industry	ha	0.0	0.0	0.0	0.0	0.0
	Other	ha	0.0	0.0	0.0	0.0	0.0
Transportation	Primary roads	km	0.0	0.0	0.0	0.0	24.8
	Secondary roads	km	0.0	0.5	2.3	0.8	3.6
	Local roads	km	0.0	13.7	7.1	3.0	23.8

Map Information

Starting on Saturday 17th June 2017 during an intense heatwave of 38-43 degrees Celsius and rainless thunderstorms, a total of 156 fires erupted across Portugal, particularly in mountainous areas 150 km northeast of Lisbon. The initial fires began in the Pedregão Grande municipality, Leiria district, before spreading dramatically. On 18 June the Portuguese authorities reported numerous casualties and injured including firefighters. More than 1 700 firefighters have been dispatched to combat the blazes.

The present map shows the fire damage grade assessment in the area of Orvalho (Portugal). 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	17/06/2017	Situation as of
Activation	18/06/2017	Map production

Data Sources

Pre-event image: SPOT 6 © Airbus DS (2016), (acquired on 22/12/2016 11:05 UTC, GSD 1.5 m, approx. 0.04% cloud coverage, 10.93° off-nadir angle), provided under Copernicus by European Union and ESA, all rights reserved.
Post-event image: SPOT 6 © Airbus DS (2017), (acquired on 20/06/2017 11:19 UTC, GSD 1.5 m, approx. 10.3% cloud coverage, 30° off-nadir angle), provided under Copernicus by 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, CCN River DB © EURC2007, GeoNames 2013.

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

Disclaimer

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

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