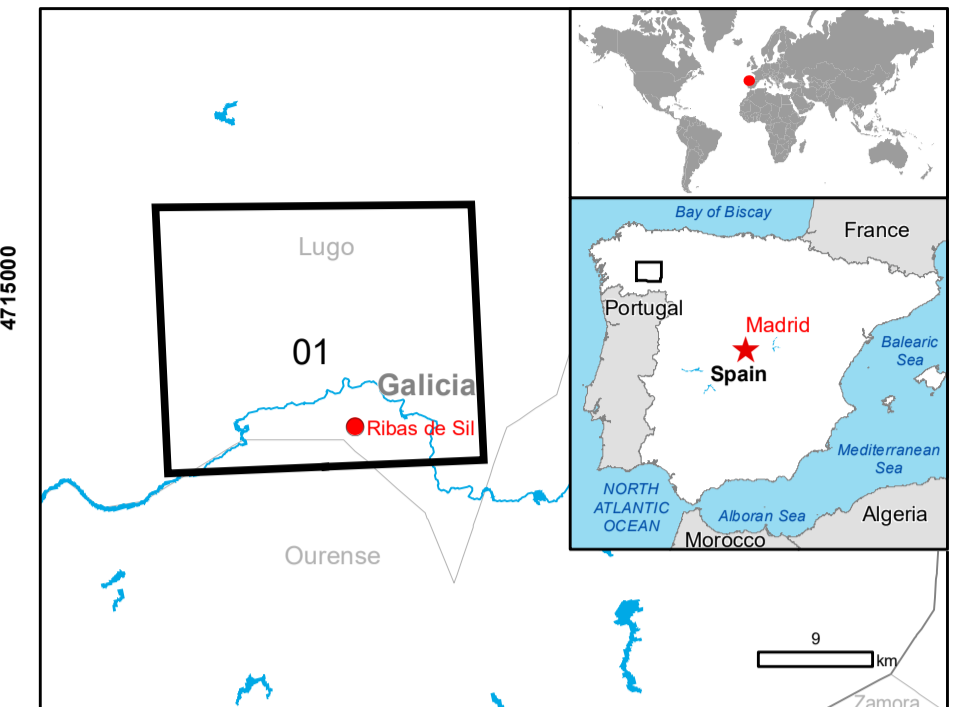


Ribas de Sil - SPAIN

Wildfire - Situation as of 12/09/2021

Grading - Overview map 01



Cartographic Information

1:40000 Full color A1, 200 dpi resolution



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

Legend

<p>Build Up Grading</p> <ul style="list-style-type: none"> Possibly damaged Damaged Facilities Grading Construction for mining or extraction, possibly damaged <p>Transportation Grading</p> <ul style="list-style-type: none"> Highway, No visible damage Primary Road, No visible damage Secondary Road, No visible damage Local Road, No visible damage Long distance railway, No visible damage 	<p>Land Use-Cover Grading</p> <ul style="list-style-type: none"> Destroyed Damaged Possibly damaged Area of Interest <p>General Information</p> <ul style="list-style-type: none"> Postal map Administrative boundaries Province Municipality Picnics Place name 	<p>Hydrography</p> <ul style="list-style-type: none"> River Stream Lake Watercourse <p>Land Use - Land Cover</p> <p>Features available in the vector package</p>
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Consequences within the AOI					
	Destroyed	Damaged	Possibly damaged*	Total affected**	Total in AOI
Burnt area	ha				1,703.9
Estimated population				69	5,326
Built-up	No.	0	0	11	663
Transportation	km	0.0	0.0	0.0	1,486.5
Facilities	No.	0	0	1	44
Land use	ha	1,582.6	120.0	1.2	1,703.9
					52,066.1

* Presence of damage proxies and proximity with destroyed/damaged asset
 ** Sum of Destroyed, Damaged and Possibly damaged
 Full table available in the vector package

Map Information

On 5 September, major wildfires started in Lugo province, in the north western Spanish region of Galicia. The fires are affecting mainly the municipality of Ribas de Sil, near the green reserve of Ancares-Courel in Galicia.

The present map shows the fire damage grade assessment in the area of Ribas de Sil (Spain). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The scale of analysis is 1:10000. The estimated geometric accuracy (RMSE) is 3m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 225 sq m.

Relevant date records (UTC)

Event	05/09/2021 20:00	Situation as of	12/09/2021 10:46
Activation	07/07/2021 11:29	Map production	12/09/2021

Data sources

Pre-event image: SPOT7 © Airbus DS (2020), (acquired on 03/09/2020 at 11:11 UTC, GSD 1.5 m, approx. 0% cloud coverage in AoI, 25.2° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.
 Post-event image: SPOT6 © Airbus DS (2021), (acquired on 12/09/2021 at 10:46 UTC, GSD 1.5 m, approx. 0% cloud coverage in AoI, 24.3° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2021), Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2018, EuroBoundaryMap 2017 © EuroGeographics, refined by the producer.
 Inset maps: JRC 2013, GISCO 2010 © EuroGeographics, Natural Earth 2012, CCM River DB © EUJRC2007, GeoNames 2015.

Population data: GHS Population Grid © European Commission, 2019
https://ghsl.jrc.ec.europa.eu/ghs_pop2019.php

Disclaimer

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Delivery formats are Layered Geospatial PDF, GeoJPEG and vector (ESRI shapefiles, Google Earth KML, GeoJSON).

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

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