On 20 July 2019, three separate forest fires have broke out in the center of Portugal. According to Civil Protection Authorities, the fire endangers two villages in the region of Castelo Branco. Several firefighters' units have been deployed in the area.

570000

Map Information

8°12'30"W

8°10'0"W

The present map shows the fire delineation in the area of Serta (Portugal). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The estimated geometric accuracy (RMSE) is 12.5 m or better, from native positional accuracy of the background satellite image.

Pre-event image: WorldView-2 © Digital Globe, Inc. (2018), (acquired on 22/08/2018 at 11:48 UTC, GSD 2 m, approx. 0% cloud coverage in AoI, 30.7° off-nadir angle), provided under COPERNICUS by the European Union, ESA and European Space Imaging, all rights reserved. Pléiades-1A/B © CNES (2018), distributed by Airbus DS (acquired on 13/06/2018 at 11:42 UTC, GSD 4 m, approx. 0% cloud coverage in AoI, 26.2° off-nadir angle and acquired on 20/06/2018 at 11:40 UTC, GSD 4 m, approx. 0% cloud coverage in AoI, 26.3° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

8°5'0"W

580000

Post-event image: SPOT6/7 © Airbus DS (2019), (acquired on 21/07/2019 at 11:11 UTC, GSD 1.5 m, approx. 0% cloud coverage in AoI, 26.2° off-nadir angle), provided under COPERNICUS by the

Data sources

8°7'30"W **575000**

European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, Corine Land Cover (CLC) 2012, Global Administrative Areas (2012), refined by the producer. Inset maps: JRC 2013, ÉuroBoundaryMap 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_r2015a.

Digital Elevation Model: SRTM (90 m) (NASA/USGS)

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. No liability concerning the contents or the use thereof is assumed by the producer and by the European

Disclaimer

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

8°2'30"W

Map produced by GAF AG released by e-GEOS (ODO). For the latest version of this map and related products visit

http://emergency.copernicus.eu/EMSR372

jrc-ems-rapidmapping@ec.europa.eu © European Union For full Copyright notice visit http://emergency.copernicus.eu/mapping/ems/cite-copernicus-emsmapping-portal



Event

Activation

8°0'0"W

585000



21/07/2019 11:11

22/07/2019

7°57'30"W

20/07/2019 22:00 Situation as of

21/07/2019 02:00 Map production

Relevant date records (UTC)