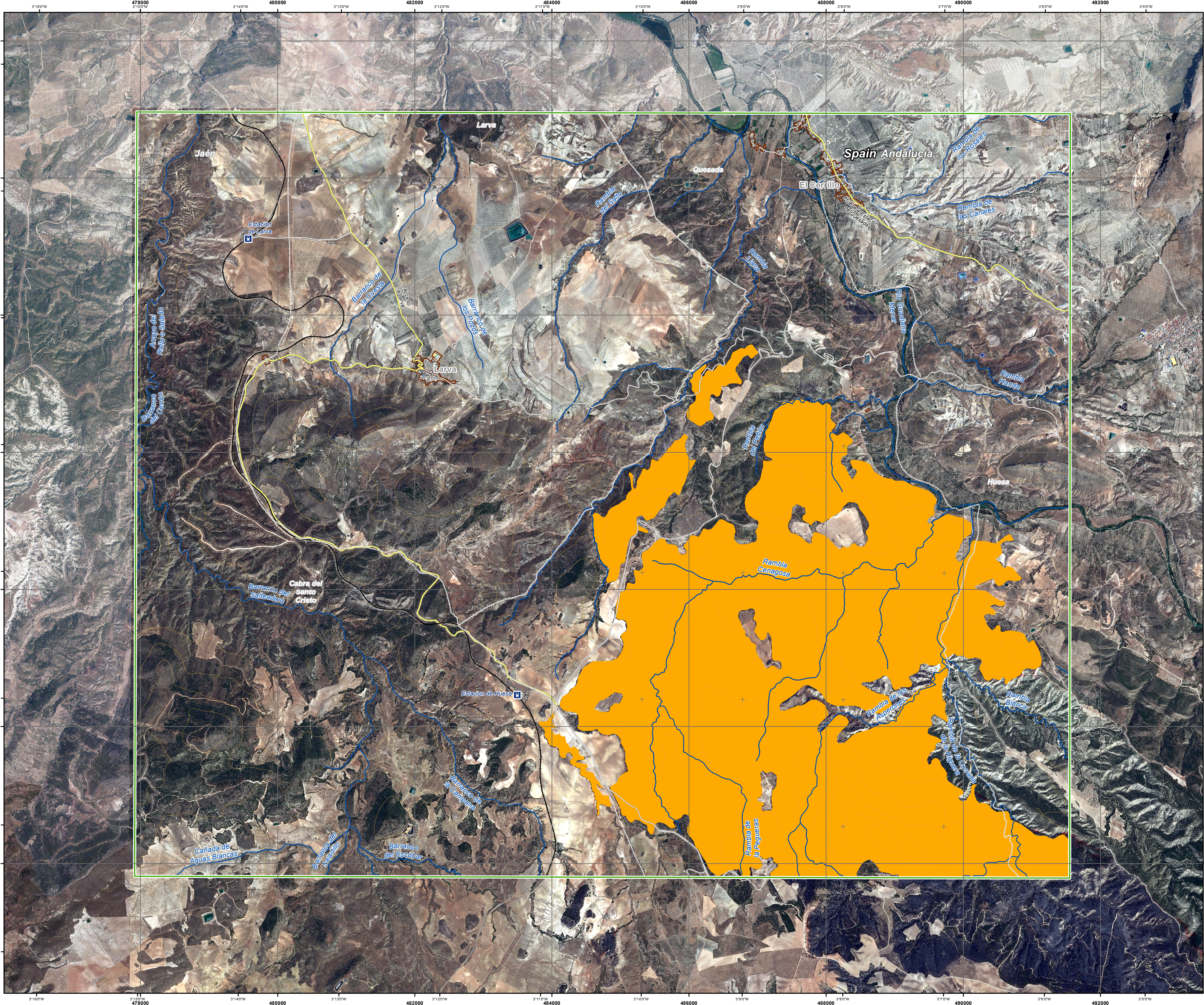
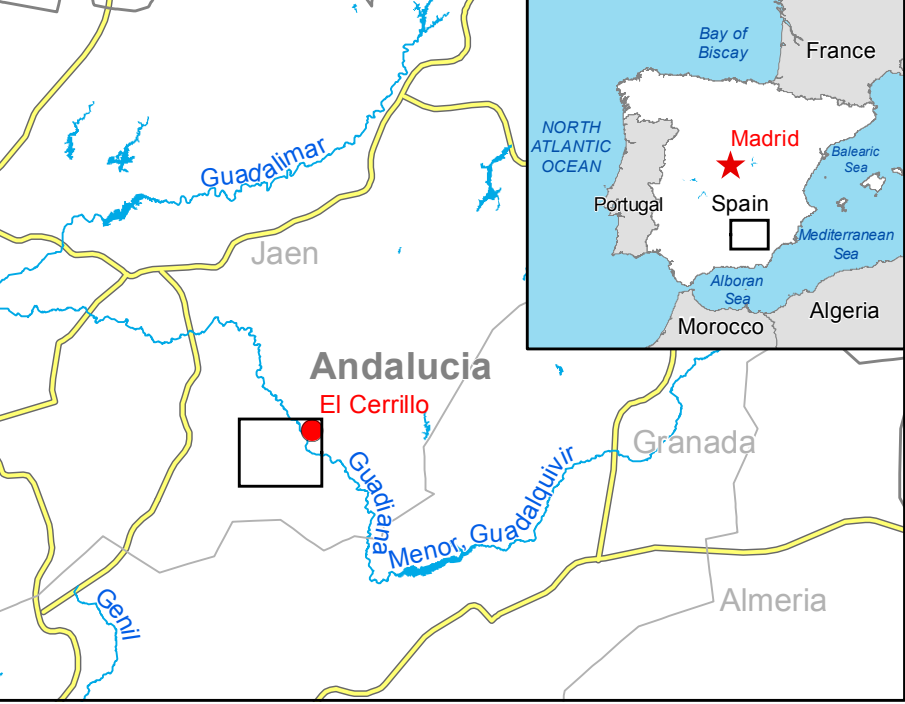




GLIDE number: N/A Activation ID: EMSR127
Product N.: 01ELCERRILLO, v1, English

El Cerrillo - SPAIN
Fire - 05/07/2015
Delineation Map - Monit 01



Cartographic Information

1:25631 Full color ISO A1, medium resolution (200 dpi)
0 0.5 1 2 km
Grid: WGS 1984 UTM Zone 30N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

Crisis Information	Settlements	Point of Interest	Hydrology
Burnt Area (11/07/2015)	Populated Place	Transportation	River
Area of Interest	Residential	Transportation	Reservoir
Administrative boundaries	Transportation	Primary Road	Local Road
Municipality	Local Road	Local Road	Railway

Land use - Land Cover
Features available in vector data

Consequences within the AOI on 11/07/2015				Affected	Total in AOI
Burnt Area		ha	Inhabitants	21	3004
Estimated population		ha		0	56
Settlements	Residential	ha		0	5
	Transportation	km		0	21
Transportation	Primary roads	km		1.7	31
	Local roads	km		0	17
	Railways	No.		0	2
Land use	Croplands	ha		2365	12386
	Trees	ha		903	4583

Map Information
On July 5th 2015 at 14:00 pm, a forest fire started in the municipality of Quesada in Jaén province in Andalucía. The fire has spread to neighbouring municipalities of Larva and Huesa.
Three days later, the 8th of July at 10 am, a second forest fire began in the area of Lujar in Granada province. It reached other municipalities: Rubite, Gualchos-Castell de Ferro, Órgiva, and Motil. Both fires are active at the moment of the activation.
The core users of the map are the General Directorate of Civil Protection and Emergencies of Spain and the Department of Interior, Emergencies and Civil Protection of the Autonomous Community of Andalucía.
The scope is to support emergency response activities.

Relevant date and time records (UTC)			
Event	05/07/2015 14:00	Last crisis status	11/07/2015 10:41
Activation	09/07/2015 15:00	Map production	12/07/2015

Data Sources
SPOT-6 © CNES (2015), distributed by Airbus DS (acquired on 11/07/2015 10:41 UTC, GSD 2.0 m, 0% cloud coverage), provided under COPERNICUS by the European Union and ESA, all rights reserved.
PNOA © IGN/CNIG (acquired on 15/01/2012, GSD 0.76m, 0% cloud coverage)
Base vector layers based on OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames (approx. 1:10000, extracted on 01/01/2001) and "Instituto de Estadística y Cartografía de Andalucía (IECA)", refined by e-GEOS.
(<http://www.juntadeandalucia.es/institutoestadisticaycartografia/DERA/index.htm>).
Source information is included in vector data.
Elevation data: SRTM (90m posting). Height in meters above mean sea level.
Population data: Landscan 2010 © UT BATTELLE, LLC.
All Data sources are complete and with no gaps.
Inset maps based on: Administrative boundaries (JRC 2013, GISCO 2010, © EuroGeographics), Hydrology, Transportation (Natural Earth, 2012, CCM River DB © EU-JRC 2007), Settlements (Geonames, 2013).

Dissemination/Publication
Delivery formats are GeoTIFF, GeoPDF, GeoJPEG and vectors (shapefile and KML formats).
Map products available in the Copernicus EMS Portal at the following URL:
<http://emergency.copernicus.eu/mapping/list-of-components/EMSR127>
All products are © of the European Union.

Disclaimer
The products elaborated in the framework of current mapping in rush mode activation are realized to the best of our ability, within a very short time frame during a crisis, optimising the available data and information. All geographic information has limitations due to scale, resolution, date and interpretation of the original data sources. The products are compliant with Copernicus EMS Rapid Mapping Product Portfolio specifications.

Map Production
The present map shows the fire delineation in the area of El Cerrillo (Spain). The basic topographic features are derived from public datasets, refined by means of visual interpretation of pre-event image PNOA © IGN/CNIG.
Thematic layers, assessing the delineation of the event, have been derived from post-event SPOT-6 image. No changes are present with respect to the previous analysis.
All satellite images have been radiometrically enhanced, orthorectified with RPC approach (using SRTM elevation data) and coregistered to the pre-event image.
The estimated geometric accuracy of this product is 5 m CE90 or better, from native positional accuracy of the background satellite image.
The estimated thematic accuracy of this product is 85% or better, as the analysis technique has been validated by several in field validation campaigns. Shadowed areas are zones of lower interpretation accuracy due to the poorer image radiometry.
Only the area enclosed by the Area of Interest has been analyzed.

Contact
Map produced by e-GEOS under contract 259736 with the European Union.
Name of the release inspector (quality control): e-GEOS (ODO).
E-mail: rapidmapping@ems-copernicus.eu

