

## Nacimiento - CHILE

### Wildfire - Situation as of 07/02/2023

#### Delineation - Overview map 01

#### Cartographic Information

1:140000

Full color A1, 200 dpi resolution

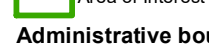
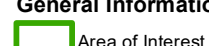
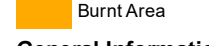
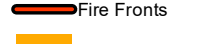
0 2.5 5 10 km



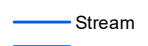
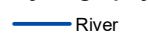
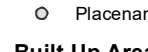
Grid: WGS 1984 UTM Zone 18S map coordinate system  
Tick marks: WGS 84 geographical coordinate system

#### Legend

##### Crisis Information



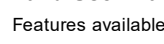
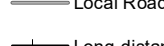
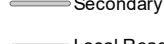
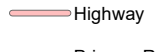
##### Placenames



##### Facilities

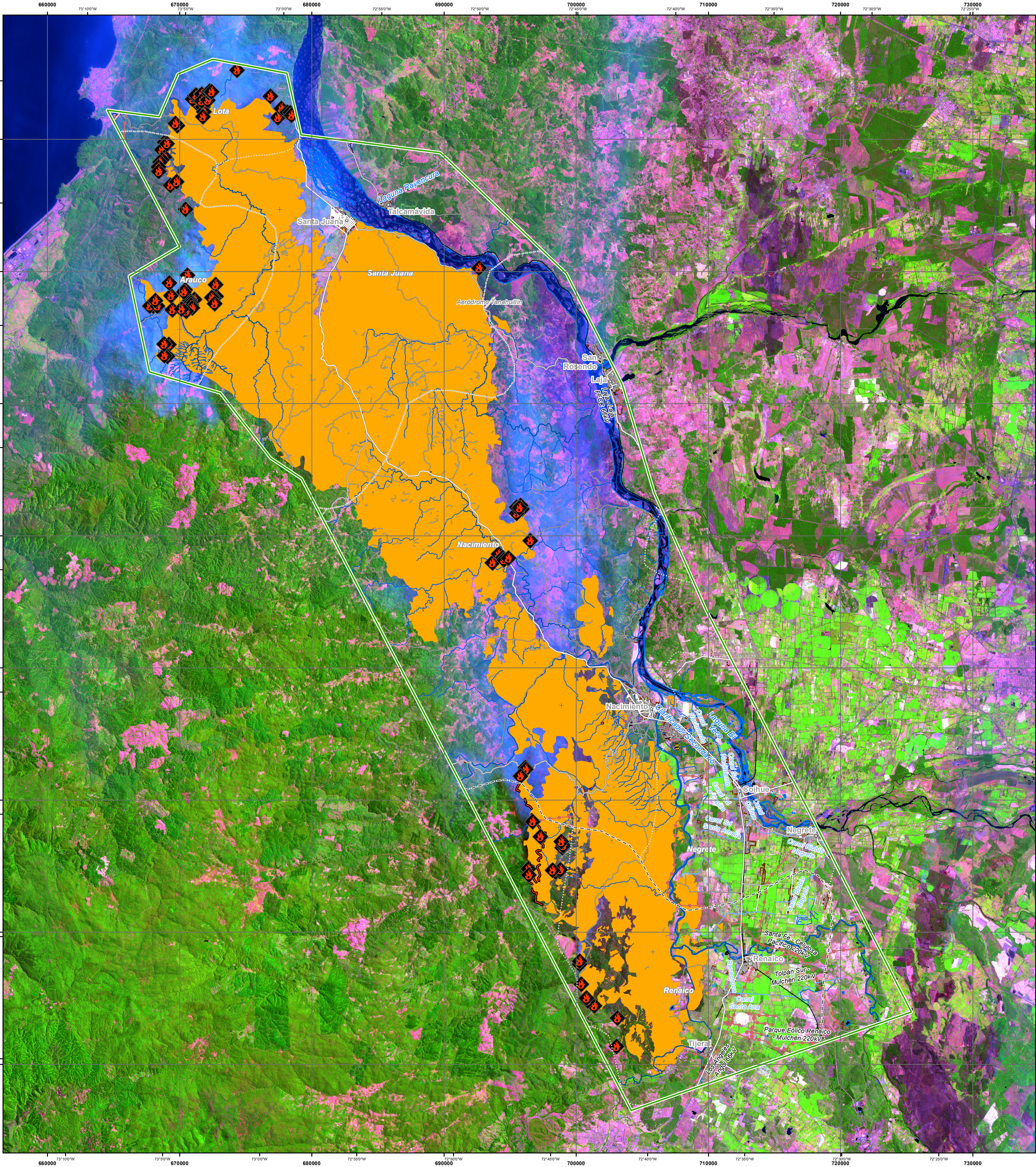
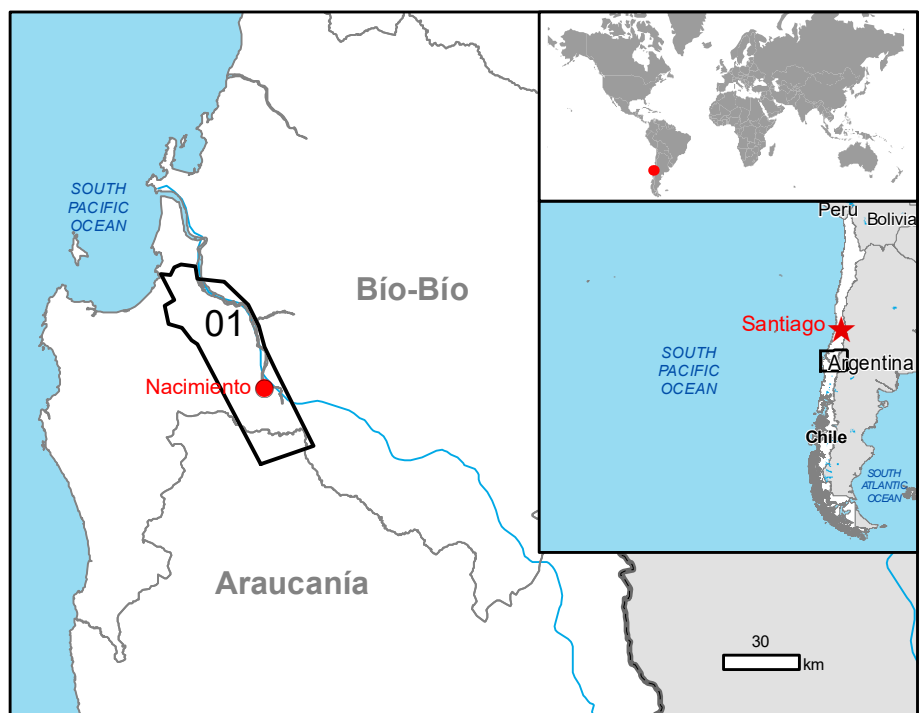


##### Transportation



Consequences within the AOI		Affected	Total in AOI
Burnt area	ha		80,914.2
Active Flames	No.		93
Fire Fronts	km		10.9
Estimated population		8,915	55,095
Built-up	ha	6.7	1,295.5
Transportation	km	386.4	1,474.0
Facilities	km	12.2	220.4
Land use	ha	1.2	115.9
		80,908.6	193,261.9

Full table available in the vector package



#### Map Information

In the last weeks (January- February 2023), Chile was heavily affected by serious forest fires/wild fires. On 5 January Chile requested support from UCPM Member States/Participating States to limit the consequences of the destructive fires. The EMS Copernicus service for satellite maps was triggered in support to operations in the affected areas.

The present map shows the fire delineation in the area of Nacimiento (Chile). The thematic layer has been derived from post-event satellite image by means of visual interpretation. The scale of analysis is 1:25,000. The estimated geometric accuracy (RMSE) is 20 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 2,500 sq. m.

#### Data sources

Pre-event image: Sentinel-2B (2023) (acquired on 03/01/2023 at 14:37 UTC, GSD 10 m, approx. 0% cloud coverage in AOI, 0° off-nadir angle) provided under COPERNICUS by the European Union and ESA.

Post-event image: Sentinel-2B (2023) (acquired on 07/02/2023 at 14:37 UTC, GSD 10 m, approx. 0% cloud coverage in AOI, 0° off-nadir angle) provided under COPERNICUS by the European Union and ESA.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2022), Wikimapia.org, GeoNames 2015, Copernicus Global Land Service: Land Cover (2019), Global Administrative Areas (2012), refined by the producer.

Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2015.

Population data: GHS Population Grid © European Commission, 2022  
[https://ghsl.jrc.ec.europa.eu/ghs\\_pop2022.php](https://ghsl.jrc.ec.europa.eu/ghs_pop2022.php)

#### Disclaimer

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 Union.

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

Map produced by GAF AG released by e-GEOS (ODO).

For the latest version of this map and related products visit  
<https://emergency.copernicus.eu/EMSR647>

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#### Relevant date records (UTC)

Event	05/02/2023 00:00	Situation as of	07/02/2023 14:37
Activation	05/02/2023 20:28	Map production	13/02/2023



PROGRAMME OF THE  
EUROPEAN UNION

