

EMSR859 - AOI03
Wildfires In The Biobio And Nuble Regions, Chile
SANTA BARBARA

Situation as of 21/01/2026 15:23 UTC
Delineation - Overview map 01



Active Flames 5 No.
Burnt area 6,314.0 ha

Potentially affected population
~ 200

Potentially Affected Built-up and Transportations

Road
108.1 km

Crisis Information

- Active Flames
- Burnt area

General Information

- Area of Interest
- Detail map
- Image Footprint
- Not Analysed

Built-Up Area

- Residential
- Non residential
- School, university and research buildings
- Hospital or institutional care buildings

Hydrography

- Lake, River
- Dam

Facilities

- Sport and recreation constructions
- Dam

Transportation

- Highway
- Main road
- Local road
- Track
- Railway
- Airfield runway
- Airfield
- Helipad

	Current		Forecast	
	21 January 15:52 UTC		22 January 15:52 UTC	23 January 15:52 UTC
Wind direction and speed	8 km/h		20 km/h	8 km/h
Temperature and relative Humidity	23° 47%		22° 57%	24° 46%

Data retrieved from ECMWF on January 21, 20:00 UTC. Calculated at: XX°N, YY°E.

Event: A major wildfire event in Chile began on 16 January 2026, with multiple large fires igniting in the Nuble and Biobio regions amid extreme heat, strong winds, and drought conditions. The fires remain active. So far, authorities report at least 19 deaths and mass evacuations as emergency efforts continue. Copernicus EMS Rapid Mapping is requested to provide wildfire extent emergency mapping.

Data sources and analysis:
Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 27/02/2025, resolution 7.7 m). This image is used as background image.
Post-event image: PlanetScope © Planet, 2026 (acquired on 21/01/2026 at 15:23 UTC, resolution 3.0 m).

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The thematic layer has been derived from post-event satellite image using a semi-automatic approach.
Due to dense smoke, the burnt area delineation is not complete.

Map produced by CLS released by e-GEOS on the 23/01/2026.

Details on this activation and service conditions available through the QR code or at the link: <https://mapping.emergency.copernicus.eu/activations/EMSR859>



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Situation as of 21/01/2026 15:23 UTC
Delineation - Detail map 02



Crisis Information

Burnt area

General Information

Area of Interest

Image Footprint

Built-Up Area

Residential

Non residential

School, university and research buildings

Hydrography

Lake, River

Facilities

Dam

Facilities

Sport and recreation constructions

Transportation

Main road

Local road

Track










Railway

Airfield runway

Transportation

Airfield

Helipad

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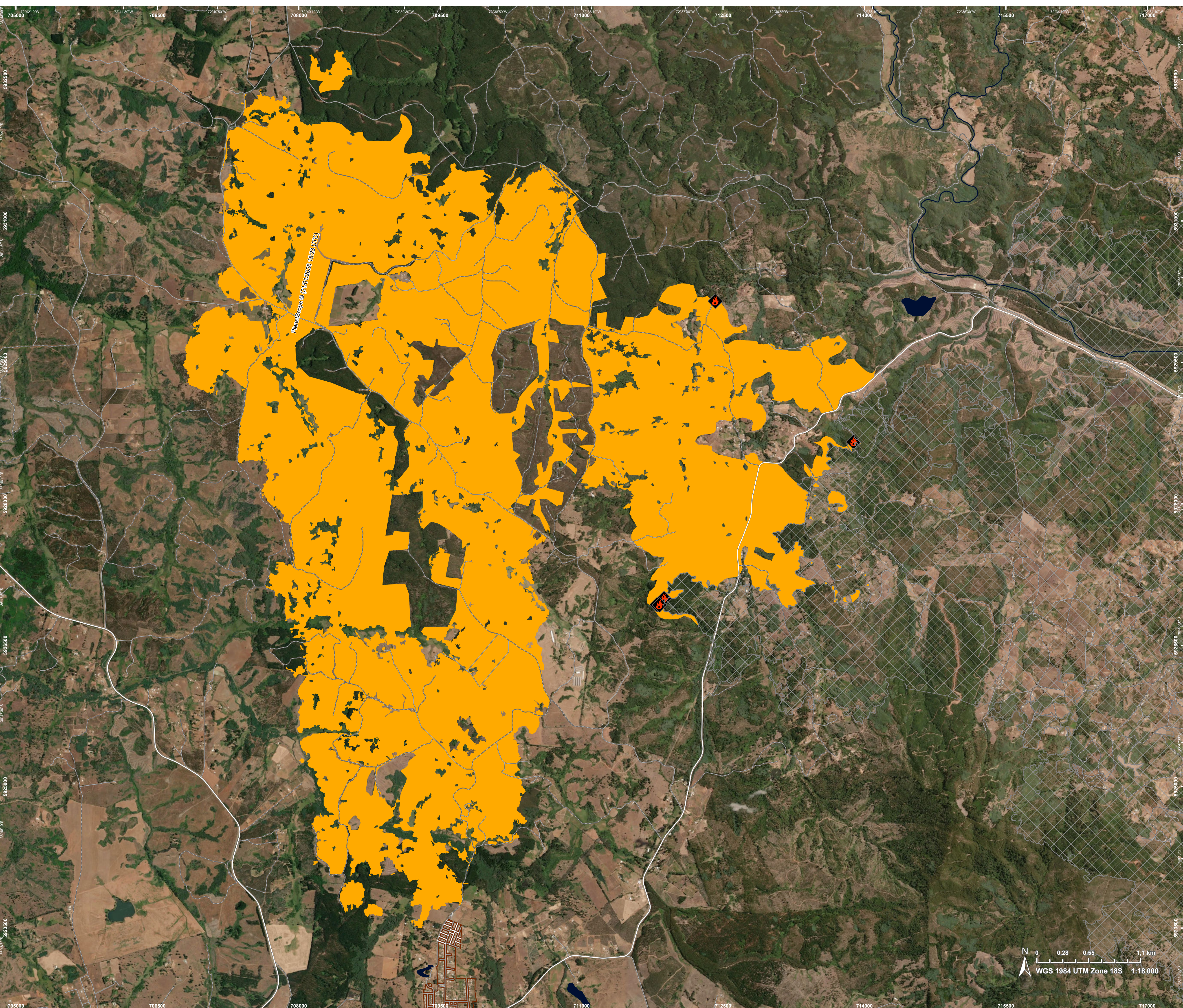
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PROGRAMME OF THE
EUROPEAN UNION





EMSR859 - AOI03
Wildfires In The Biobio And Nuble Regions, Chile
SANTA BARBARA

Situation as of 21/01/2026 15:23 UTC
Delineation - Detail map 03



- Crisis Information**

 - Active Flames
 - Burnt area
 - Image Footprint
 - Not Analysed

Built-Up Area

 - Residential
 - Non residential
- Hydrography**










 - Lake, River

Facilities

 - Sport and recreation constructions

Transportation

 - Main road
 - Local road
 - Track

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Consequences within the AOI

			Unit of measurement	LATEST IMPACT
				Imagery-based observation
Crisis Information	Burnt area		ha	6 314,0
	Active Flames		No.	5

			POTENTIALLY AFFECTED		Total in AOI
Estimated population		Inhabitants	No.	~ 200	~ 39 000
Assets	Built-up	Residential Buildings	ha	0	366,3
		Wholesale and retail trade buildings	ha	0	1,2
		Industrial buildings	ha	0	49,6
		School, university and research buildings	ha	0	5,8
		Hospital or institutional care buildings	ha	0	1,6
		Other non-residential buildings	ha	0	5,0
		Cemetery	ha	0	5,4
	Transportation	Airfield runways	ha	0	17,8
		Helipad	ha	0	0,03
		Airfield runways	km	0	2,2
		Highways	km	0	47,9
		Primary Road	km	3,8	138,8
		Secondary Road	km	0	65,1
		Local Road	km	30,0	778,2
		Cart Track	km	74,3	1 293,4
		Long-distance railways	km	0	30,2
	Facilities	Dams	ha	0	0,2
		Sport and recreation constructions	ha	0	35,7
		Dams	km	0,2	0,3
	Land use	Forests	ha	3 933,2	54 672,3
		Shrub and/or herbaceous vegetation association	ha	1 286,2	29 356,8
		Heterogeneous agricultural areas	ha	1 056,5	14 914,1
		Inland wetlands	ha	37,2	577,4
		Other	ha	0,8	1 322,2
		Open spaces with little or no vegetation	ha	0,1	338,4

Disclaimer:
Full disclaimer and other helpful information available in the online manual:
<https://mapping.emergency.copernicus.eu/about/rapid-mapping-manual/>
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Data Access:
All data displayed on the map(s), as well as Land Use - Land Cover layer(s), are available in the Crisis Information Package and the Base Layer Package (for reference data).
The table above is available in editable format in the Crisis Information Package.
All products and data are also available for download on the portal.

Estimated Population:
Estimated population is based on Copernicus Global Human Settlement Layer (GHSL) dataset.
Additional population datasets and analysis are available in the summary table.

Data Sources:
Base Vector Layers: OpenStreetMap © OpenStreetMap contributors (2026); Wikimapia.org; GeoNames 2015;
© EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2024.

Globe Land 30 (2010), Copernicus Global Land Service: Land Cover (2019).

Inset Maps: Natural Earth 2023; HydroLAKES 2016 by HydroSHEDS;
© EuroGeographics, © TurkStat. Source: European Commission – Eurostat/GISCO, 2024.

Digital Elevation Model:
FABDEM (ForestAndBuildingsremovedCopernicusDEM) removes building and tree height biases from the Copernicus GLO 30
Digital Elevation Model (DEM) (Airbus, 2020).

