



**EMSR859 - AOI02**  
**Wildfires in the Biobio and Nuble Regions, Chile**  
**CHIGUAIHUE**

**Situation as of 22/01/2026 14:37 UTC**  
Delineation MONIT01 - Overview map 01











 **Burnt area**  
2,455.3 ha

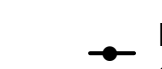







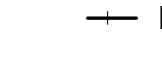
 **Potentially affected population**  
~ 30





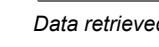

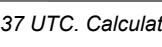
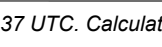

**Potentially Affected Transportations**

 **Road**  
32.8 km

- Crisis Information**

  -  Burnt area
  -  Previous burnt area
  -  Area of Interest
  - Built-Up Area**
    -  Residential
    -  Non residential
    -  School, university and research buildings
    -  Hospital or institutional care buildings
  - Hydrography**
    -  Lake, River
- Facilities**

  -  Long-distance pipelines or lines
  -  Dam
  -  Sport and recreation constructions
  -  Water or Aquatic infrastructure
  - Transportation**
    -  Highway
    -  Main road
    -  Local road
    -  Track
    -  Railway

	Current		Forecast	
	Jan 22, 14:37 UTC		Jan 23, 14:37 UTC	Jan 24, 14:37 UTC
Wind direction and speed	 7 km/h		 7 km/h	 7 km/h
Temperature and relative Humidity	 22°  34%		 25°  78%	 24°  97%

Data retrieved from ECMWF on Jan 22, 14:37 UTC. Calculated at: -37.758°N, -71.863°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: Sentinel-2B (2026) (acquired on 07/01/2026 at 14:37 UTC, resolution 10.0 m).  
Post-event image: Sentinel-2C (2026) (acquired on 22/01/2026 at 14:37 UTC, resolution 10.0 m).  
This image is used as background image.  
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The thematic layer has been derived from post-event satellite image using a semi-automatic approach.

Map produced by SERTIT 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>





Consequences within the AOI

			LATEST IMPACT	
			Unit of measurement	Imagery-based observation
Crisis information	Burnt area		ha	2,455.3

Estimated population		Inhabitants	No.	POTENTIALLY AFFECTED	Total in AOI
				~ 30	~ 17,000
Assets	Built-up	Residential Buildings	ha	0	312.0
		Industrial buildings	ha	0	7.0
		School, university and research buildings	ha	0	4.2
		Hospital or institutional care buildings	ha	0	1.6
		Cemetery	ha	0	4.2
	Transportation	Highways	km	0	62.3
		Primary Road	km	0	22.3
		Secondary Road	km	0	0.02
		Local Road	km	4.6	269.1
		Cart Track	km	28.2	833.6
		Long-distance railways	km	0.1	27.5
	Facilities	Settling Basin	ha	0	1.3
		Sport and recreation constructions	ha	0	17.2
		Long-distance pipelines, communication and electricity lines	km	2.2	52.7
		Dams	km	0	0.2
	Land use	Forests	ha	1,204.8	27,208.0
		Heterogeneous agricultural areas	ha	900.4	18,629.8
		Shrub and/or herbaceous vegetation association	ha	336.7	6,768.4
		Inland wetlands	ha	13.3	260.0
		Other	ha	0.04	394.6
		Open spaces with little or no vegetation	ha	0.02	1.0

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.

Access to the portal

