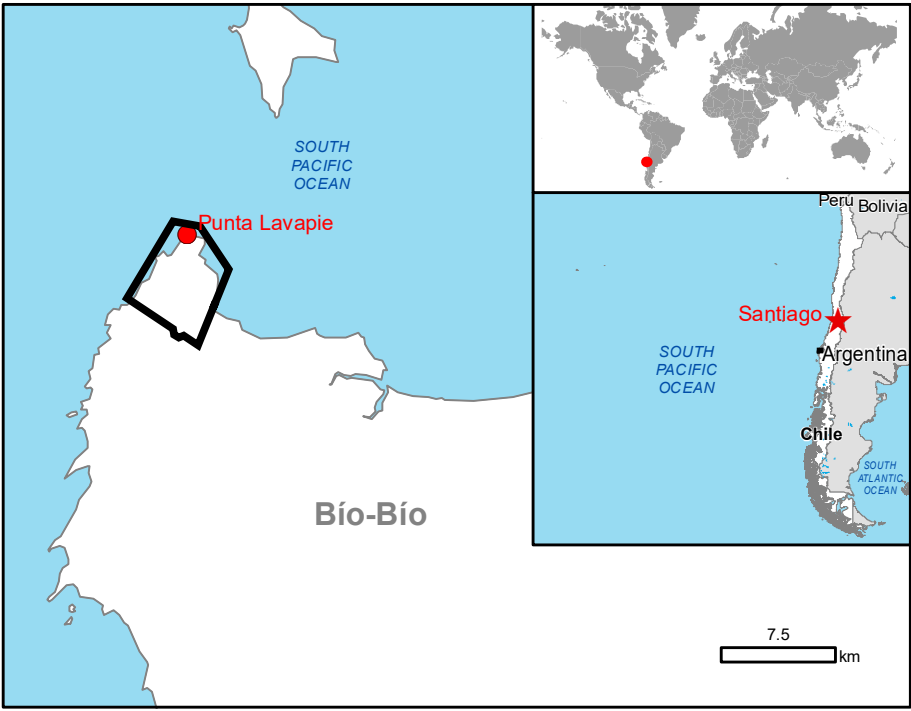


GLIDE number: N/A Activation ID: EMSR647
Int. Charter Act. ID: N/A Product N.: 05PUNTALAVAPIE, v1

Punta Lavapie - CHILE

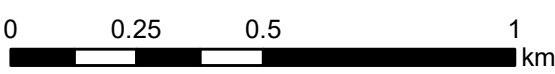
Wildfire - Situation as of 09/02/2023

Delineation MONIT02 - Overview map 01



Cartographic Information

1:15000 Full color A1, 200 dpi resolution



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

Legend

Crisis Information	Placenames	Transportation
Burnt Area	Placename	Primary Road
General Information	Built-Up Area	Local Road
Area of Interest	Residential	Cart Track
	School, university and research	Land Use - Land Cover
	Hydrography	Features available in the vector package
	Coastline	

Consequences within the AOI			
	Unit of measurement	Affected	Total in AOI
Burnt area	ha	1,620.3	1,620.3
Estimated population	Number of inhabitants	406	1,821
Built-up			
Residential Buildings	ha	1.7	12.4
School, university and research buildings	ha	0.9	6.2
Transportation			
Primary Road	km	10.2	11.5
Local Road	km	2.7	11.0
Cart Track	km	28.7	36.0
Land use			
Heterogeneous agricultural areas	ha	70.5	183.8
Forest	ha	1,296.1	1,891.0
Shrub and/or herbaceous vegetation association	ha	148.9	219.3
Open spaces with little or no vegetation	ha	0.0	1.9
Inland wetlands	ha	12.1	45.6
Other	ha	20.7	801.7

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 Punta Lavapie (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 2500 sq m.

Relevant date records (UTC)

Event	05/02/2023 00:00	Situation as of	09/02/2023 14:14
Activation	05/02/2023 20:28	Map production	09/02/2023

Data sources

Pre-event image: Sentinel-2A/B (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 images: SPOT6/7 © Airbus DS (2023), (acquired on 09/02/2023 at 14:14 UTC, GSD 1.5 m, approx. 0% cloud coverage in AOI, 28° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2023), 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

Disclaimer

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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).

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