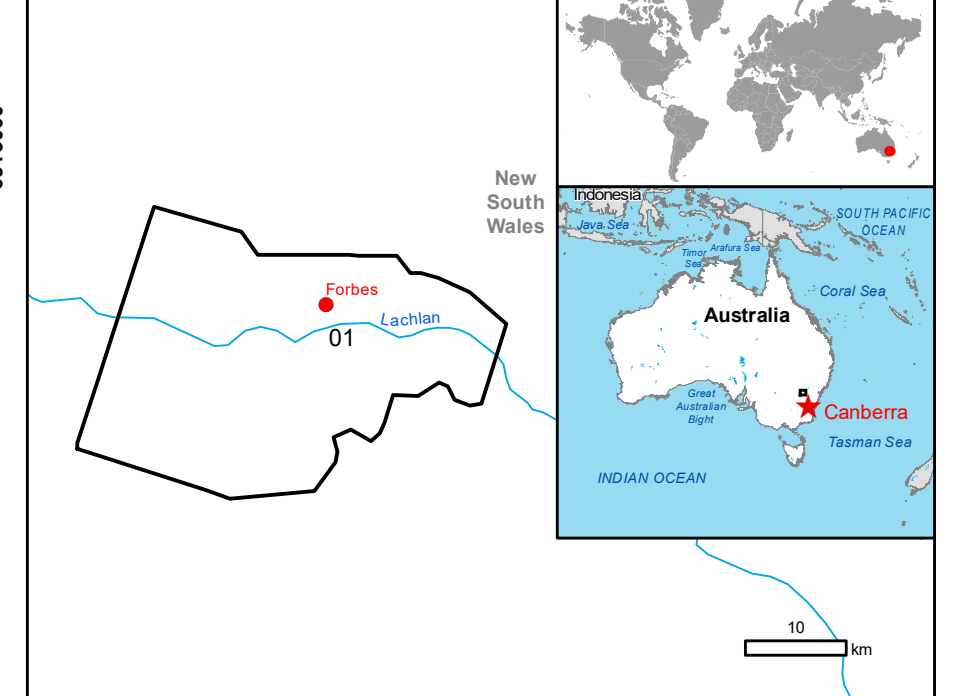


GLIDE number: N/A Activation ID: EMSR637
Int. Charter Act. ID: N/A Product N.: 01FORBES, v1

Forbes - AUSTRALIA

Flood - Situation as of 07/11/2022

Delineation MONIT05 - Overview map 01



Cartographic Information

1:65000 Full color A1, 200 dpi resolution
0 1.25 2.5 5 km
Grid: WGS 1984 UTM Zone 55S map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

- Crisis Information**
 - Flooded Area (07/11/2022 23:37 UTC)
 - Previous Flooded Area (05/11/2022 23:53 UTC)
 - Flood trace (07/11/2022 23:37 UTC)
 - Land Subject to Inundation
 - Area of Interest
- General Information**
 - Place names
 - Place name
 - Residential
 - Built-Up Area
 - Residential
- Hydrography**
 - River
 - Stream
 - Lake
 - Land Subject to Inundation
- Facilities**
 - Power and communication line
 - Construction for mining or extraction
 - Sport and recreation constructions
 - Settling Basin
- Transportation**
 - Highway
 - Primary Road
 - Secondary Road
 - Local Road
 - Cart Road
 - Long-distance railway
 - Airfield runway
- Land Use - Land Cover**
 - Features available in the vector package

Consequences within the AOI			Affected	Total in AOI
Flooded area	ha		34,533.0	
Previous flooded area	ha		30,606.2	
Flood trace	ha		3,827.7	
Estimated population		824	5,711	
Built-up	ha	277.2	1,105.3	
Transportation	km	234.2	545.9	
Facilities	km	0.0	60.5	
Land use	ha	7.4	23.7	
	ha	85.8	109.5	
	ha	36,360.7	76,697.6	

Full table available in the vector package

Map Information

The Australian Continent continues to experience a prolonged rainfall event. This ongoing weather pattern has now impacted most of the state of New South Wales where a large number of the communities within the area are experiencing severe flooding. Continued and extensive rainfall is expected in the areas of interest over the coming days as well as in the northern part of Victoria. Copernicus EMS RM is required to provide Delineation products with a daily monitoring.

The present map shows the flood delineation in the area of Forbes (Australia). The thematic layer has been derived by means of visual interpretation. The scale of analysis is 1:25000. The estimated geometric accuracy (RMSE) is 6.25 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 625 sq m.

Relevant date records (UTC)

Event	12/10/2022 02:30	Situation as of	07/11/2022 23:37
Activation	12/10/2022 08:17	Map production	08/11/2022

Data sources

Pre-event image: Sentinel-2A/B (2022) (acquired on 14/09/2022 00:11 UTC, GSD 10 m, approx. 0.5 % cloud coverage in AoI, 0° off-nadir angle) provided under COPERNICUS by the European Union and ESA.

Post-event images: SPOT6/7 © Airbus DS (2022), (acquired on 07/11/2022 at 23:37 UTC, GSD 1.5 m, approx. 0% cloud coverage in AoI, 22.5° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

SPOT6/7 © Airbus DS (2022), (acquired on 05/11/2022 at 23:53 UTC, GSD 1.5 m, approx. 9% cloud coverage in AoI, 20.3° off-nadir angle), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2022), Wikimapia.org, GeoNames 2015, Globe Land 30 (2020), 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 SERTIT (ODD).

For the latest version of this map and related products visit <https://emergency.copernicus.eu/EMSR637>

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