

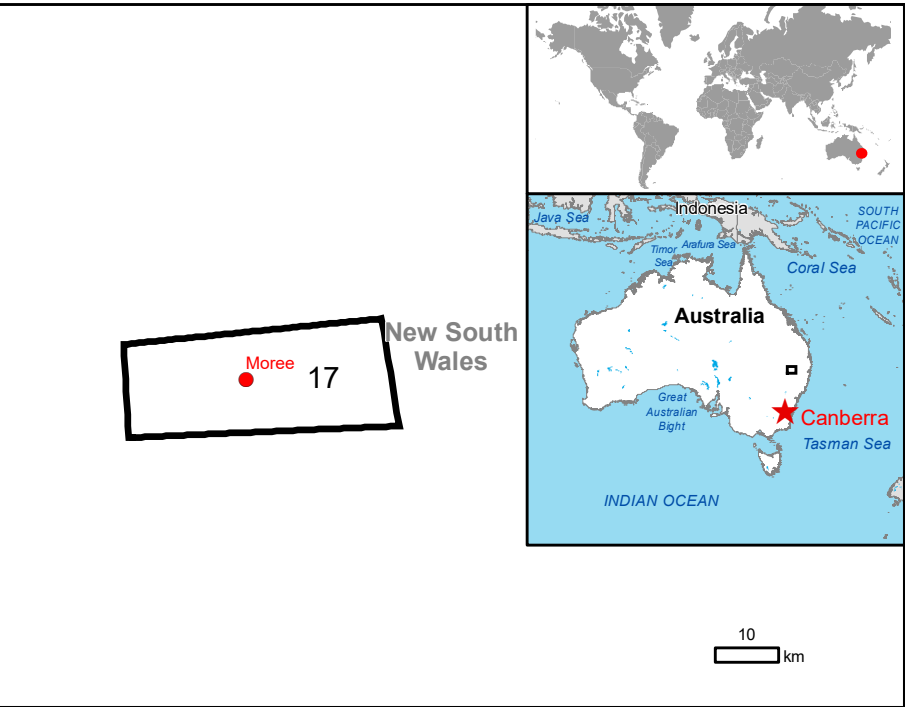
GLIDE number: N/A
Int. Charter Act. ID: N/A

Activation ID: EMSR637
Product N.: 17MOREE, v2

Moree - AUSTRALIA

Flood - Situation as of 24/10/2022

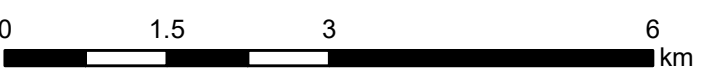
Delineation - Overview map 01



Cartographic Information

1:70000

Full color A1, 200 dpi resolution



Grid: WGS 1984 UTM Zone 55S map coordinate system

Tick marks: WGS 84 geographical coordinate system



Legend

Crisis Information	Hydrography	Transportation
■ Flooded Area	— River	— Highway
— Area of Interest	— Stream	— Primary Road
— Land Subject to Inundation	— Reservoir	— Secondary Road
— River	— Stream	— Local Road
— Stream	— Stream	— Cart Track
— Long-distance railway	— Long-distance railway	— Long-distance railway
— Affiliated runway	— Affiliated runway	— Affiliated runway
— Power and communication line	— Power and communication line	— Power and communication line
— Aqueduct, irrigation and cultivation waterwork	— Aqueduct, irrigation and cultivation waterwork	— Aqueduct, irrigation and cultivation waterwork
— Sport and recreation constructions	— Sport and recreation constructions	— Sport and recreation constructions
— Sewing Drain	— Sewing Drain	— Sewing Drain
— Dam	— Dam	— Dam
— Cemetery	— Cemetery	— Cemetery
— School, university and research	— School, university and research	— School, university and research
— Hospital or institutional care	— Hospital or institutional care	— Hospital or institutional care
— Wholesale and retail trade	— Wholesale and retail trade	— Wholesale and retail trade
— Industrial	— Industrial	— Industrial
— Residential	— Residential	— Residential
— Placename	— Placename	— Placename
— Built-Up Area	— Built-Up Area	— Built-Up Area
— Land Use - Land Cover	— Land Use - Land Cover	— Land Use - Land Cover

Consequences within the AOI			Affected	Total in AOI
Flooded area	ha			25,861.1
Estimated population			1,610	5,534
Built-up	ha		78.9	605.5
Transportation	km		198.4	485.1
	ha		0.0	243.2
Facilities	km		11.3	51.3
	ha		73.6	83.4
Land use	ha		25,880.9	67,389.8

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 Moree (Australia). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The scale of analysis is 1:25000. The estimated geometric accuracy (RMSE) is 20.0 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	12/10/2022 02:30	Situation as of	24/10/2022 00:11
Activation	12/10/2022 08:17	Map production	26/10/2022

Data sources

Pre-event image: Sentinel-2A/B (2022) (acquired on 04/10/2022 at 00:11 UTC, GSD 10.0 m, approx. 0% cloud coverage in AoI) provided under COPENICUS by the European Union and ESA.

Post-event image: Sentinel-2A/B (2022) (acquired on 24/10/2022 at 00:11 UTC, GSD 10.0 m, approx. 0% cloud coverage in AoI) provided under COPENICUS 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

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. Please be aware that the thematic accuracy might be lower in urban and forested areas due to inherent limitations of the SAR analysis technique.

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

Map produced by e-GEOS released by e-GEOS (ODD).

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

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