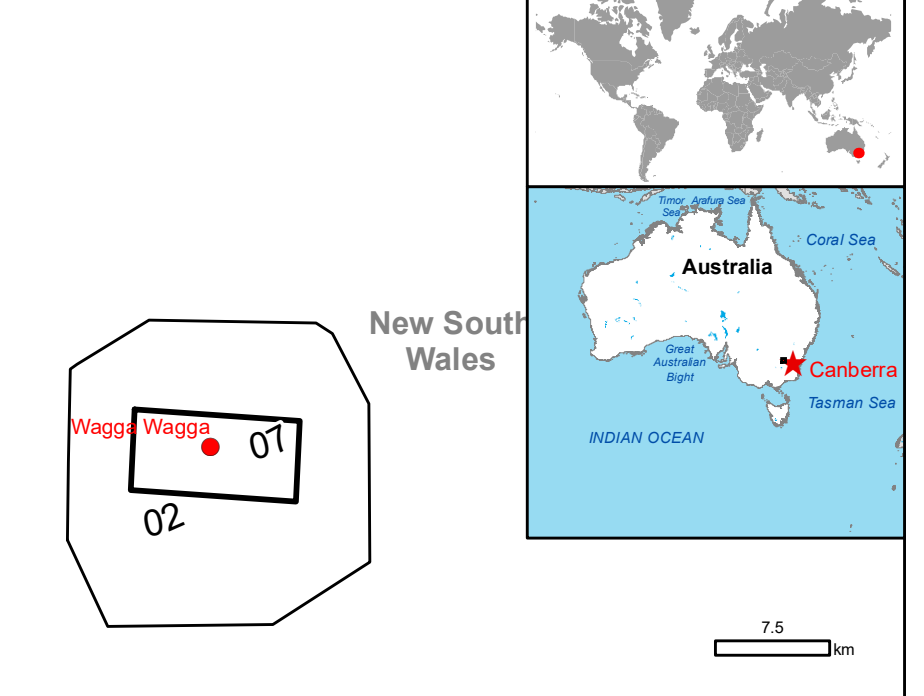


Wagga Wagga City - AUSTRALIA

Flood - Situation as of 13/10/2022

Delineation - Overview map 01



Cartographic Information

1:18000 Full color A1, 200 dpi resolution

0 0.375 0.75 1.5 Km

Grid: WGS 1984 UTM Zone 55S map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

Crisis Information

- Flooded Area

General Information

- Area of Interest
- Image Footprint
- Not Analysed

Administrative boundaries

- Province
- Place name

Hydrography

- Stream
- Lake
- Area Subject to Inundation
- Reservoir
- River

Transportation

- Primary Road
- Secondary Road
- Local Road
- Cart Track
- Long-distance railway
- Helipad

Facilities

- Power and communication line
- Construction for mining or extraction
- Sport and recreation constructions
- Dump Site
- Settling Basin

Built Up & Land Use - Land Cover

- Features available in the vector package

Consequences within the AOI			
		Affected	Total in AOI
Flooded area	ha	261.3	261.3
Estimated population		25	28,204
Built-up	No.	3	13,714
Transportation	km	7.0	447.8
	ha	0.0	0.1
Facilities	km	3.0	131.8
	ha	13.3	243.4
Land use	ha	261.3	5,848.9

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 Wagga Wagga City (Australia). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The scale of analysis is 1:10000. The estimated geometric accuracy (RMSE) is 2.5 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 100 sq. m.

Relevant date records (UTC)

Event	12/10/2022 02:30	Situation as of	13/10/2022 19:36
Activation	12/10/2022 08:17	Map production	17/10/2022

Data sources

Pre-event image: ESRI World Imagery © DigitalGlobe (acquired on 08/06/2021, GSD 0.6 m, approx. 0% cloud coverage in AOI).

Post-event image: PAZ satellite image © Hidesat Servicios Estratégicos S.A., 2021 (acquired on 13/10/2022 at 19:36 UTC, GSD 1 m), provided under COPERNICUS by the European Union and ESA, all rights reserved.

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 GAF AG released by e-geos.

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

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