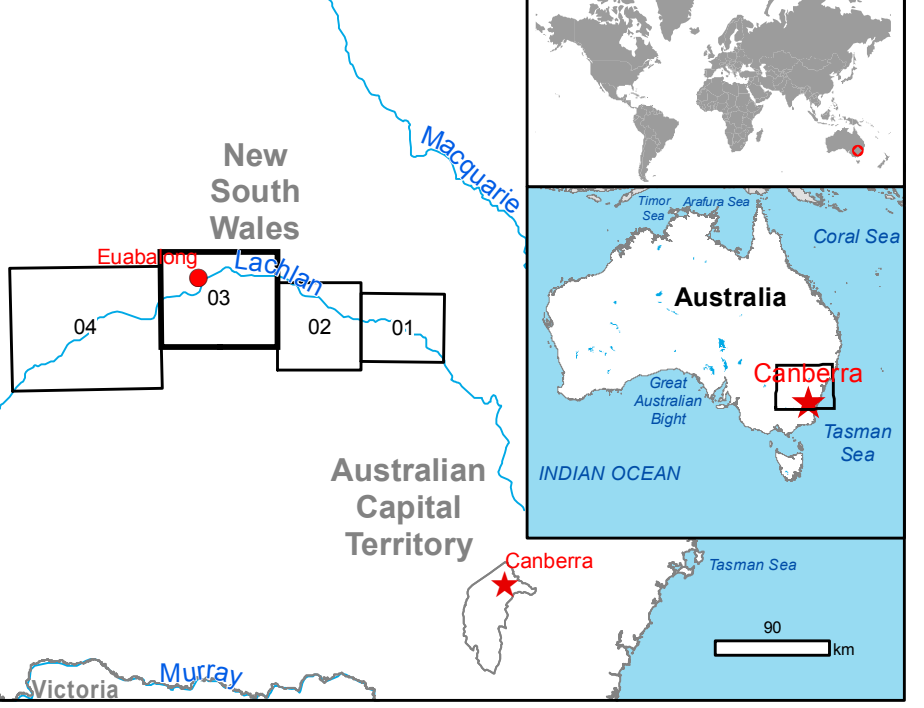


GLIDE number: N/A Activation ID: EMSR184
Product N.: 03EUABALONG, v1, English

Euabalong - AUSTRALIA

Flood - Situation as of 11/10/2016

Delineation Map - Monit04



Cartographic Information

1:140000 Full color ISO A1, medium resolution (200 dpi)

0 2.75 5.5 11 km

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

Legend

Crisis Information	Hydrology	Transportation
<div><div></div>Flooded Area (11/10/2016 08:54 UTC)</div>	<div><div></div>River</div>	<div><div></div>Aerodrome</div>
<div><div></div>Flooded Area (05/10/2016 07:04 UTC)</div>	<div><div></div>Stream</div>	<div><div></div>Bridge</div>
<div><div></div>Area of Interest</div>	<div><div></div>Lake</div>	<div><div></div>Railway</div>
<div><div></div>Settlements</div>	<div><div></div>Runway</div>	<div><div></div>Secondary Road</div>
<div><div></div>Populated Place</div>	<div><div></div>Local Road</div>	
<div><div></div>Built-Up Area</div>		

Consequences within the AOI			
	Unit of measurement	Affected	Total in AOI
Flooded area	ha		12859.9
Estimated population	No. of inhabitants	90	506
Settlements	Built-Up Area	1.5	508.0
Transportation	Bridge	No. 0	17
	Aerodrome	No. 0	1
	Primary roads	km 0.0	97.5
	Secondary roads	km 2.0	358.8
	Local roads	km 13.2	1205.7
	Railways	km 7.4	179.1
	Runways	km 0.0	3.6

Map Information
During September, heavy rains have hit South Eastern Australia causing flooding around the Lachlan River. Approximately 34,000 square kilometers are affected with several towns evacuated, over 100 buildings inundated and potential for significant damage to crops.

The present map shows the flood delineation in the area of Euabalong (Australia). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The estimated geometric accuracy is 5 m CE90 or better, from native positional accuracy of the background satellite image.

Relevant date records			
Event	24/09/2016	Situation as of	11/10/2016
Activation	26/09/2016	Map production	12/10/2016

Data Sources
Pre-event image: Landsat-8/ U.S. Geological Survey (acquired on 15/08/2016 and 23/09/2016, GSD 15.0 m, approx. 0% cloud coverage).

Post-event image: Sentinel-1A © (acquired on 11/10/2016 08:54, GSD 20 m) provided by the European Space Agency. COSMO-SkyMed © ASI (2016), distributed by e-GEOS S.p.A. (acquired on 05/10/2016 07:04, GSD 30 m), provided under COPERNICUS by the European Space Agency and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames 2015, refined by the producer.
Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2013.

Population data: Landscan 2010 © UT BATTELLE, LLC
Digital Elevation Model: SRTM 90 m (NASA/USGS)

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

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