

TOWN of BORROLOOLA COMPUTED 1% AEP (1 in 100 Year) FLOOD EXTENT and FLOOD SURFACE CONTOURS

This map, one of a series of six showing the 5% AEP (1 in 20 year), 2% AEP (1 in 50 year), 1% AEP (1 in 100 year), 0.5% AEP (1 in 200 year), 0.2% AEP (1 in 500 year) and Probable Maximum Flood (PMF) flood extent in and around the Town of Borroloola, was developed by the Department of Natural Resources, Environment, The Arts and Sport (NRETAS) from the WRM Water & Environment: **Borroloola Floodplain Mapping Study**, Report No. 0729-01-A of November 2011, and is available from:

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LEGEND

	Flood extent		Flood surface contour, metres AHD (Contour Interval - 0.25m)
	Floodway, depth > 2 metres		River channel/flow
	Limit of mapping		Intermittent creek
	River channel/flow		Town Camp
	Intermittent creek		Minor road, sealed
	Bridge / Causeway		Minor road, unsealed
	Property boundary		Track
	Town boundary		General Place
	General Place		Minor Community
	General Place		Family Outstation

Notes:
This map delineates areas in and around the Town of Borroloola which are subject to inundation by a flood of 1% AEP (Annual Exceedance Probability) severity. Extent of flooding shown on this map is approximate.

Floodway is defined as the area where the depth of floodwater exceeds 2.0 metres or the velocity x height exceeds 1.

A 1% AEP flood (often referred to as the Q100) is defined as a flood which has a 1 in 100 chance of being equalled or exceeded in any one year.

This map is intended to be used at a scale of 1 : 20 000 and any enlargement beyond this scale does not increase the accuracy of the data appearing on the map and is not recommended.

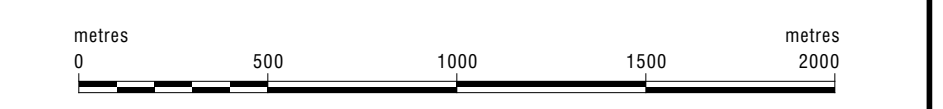
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LIMITATIONS OF MODELLED RESULTS / DATA RELIABILITY

TOPOGRAPHIC DATA

	Scale - 1 : 2 500
	Date of photography - 18/6/2010
	Scale - 1 : 10 000
	Date of photography - 24/7/1982

The hydrodynamic model developed in this study has used a DTM compiled from several sources of topographic data. The quality of topographic data available outside the 1:2,500 data range is poor, especially for the area to the west of the township of Borroloola. Hence, the accuracy of predicted flood levels and extents when flooding extends beyond the limits of the 1:2,500 data coverage would decrease with increasing flood magnitude.



Black numbered lines are 2000 metre intervals of the Map Grid of Australia (MGA) Zone 53 Transverse Mercator Projection Horizontal Datum: GDA 94

This map was produced on the Geocentric Datum of Australia 1994 (GDA 94)



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