Northern Territory Government

wrm water + environment

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:

Land Information Centres, Department of Lands & Planning
Email: landinfo@nt.gov.au

Darwin
3rd Floor NAB House, 71 Smith Street, Darwin, Northern Territory, 0800
T: (08) 8995 5300 F: (08) 8995 5365

Katherine
1st Floor Katherine Government Centre
5 First Street, Katherine, Northern Territory, 0850
T: (08) 8973 8926 F: (08) 8973 8666

Internet: www.nt.gov.au/floods

LEGEND

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

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.

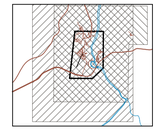
A 1% AEP flood (often referred to as the Q100) is defined as a flood which has a 1 in 100 chance of being equalled or exceeded in any one year.

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.

For further information contact:

Water Resources Branch, Natural Resources Division,
Department of Natural Resources, Environment, The Arts and Sport
T: (08) 8999 4455 F: (08) 8999 3666 Email water.nretas@nt.gov.au
Goyder Centre, Chung Wah Terrace, Palmerston,
Northern Territory of Australia.

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.

metres 0 500 1000 1500 2000 metres

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

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

N

Prepared by:
Spatial Data & Mapping Unit,
Natural Resources Division,
Department of Natural Resources,
Environment, The Arts and sport
Northern Territory of Australia

MARCH 2012

MAP LOCALITY