

ALICE SPRINGS FLOOD MAPPING TOWN AREA - Sheet 1 COMPUTED 1% AEP (1 in 100 Year) FLOOD EXTENT and PEAK FLOOD SURFACE CONTOURS

This map shows the flood and floodway extents in and around the Town of Alice Springs caused by a flood of 1% Annual Exceedance Probability (AEP) severity. The extent and flooding shown on this map is approximate only. This map is available for sale from:

Land Information Centres
Department of Lands, Planning and the Environment
Email: landinfo@nt.gov.au
Ground Floor Amhemica House, 16 Parap Road, DARWIN, Northern Territory 0820
T: (08) 8995 5300, F: (08) 8995 5365, PO Box 1680, Darwin, NT 0801
Ground Floor, Green Well Building, 50 Bath Street, ALICE SPRINGS, Northern Territory, 0870
T: (08) 8951 9200, F: (08) 8951 9222, PO Box 2130, Alice Springs, NT 0871
This map is also available online at:
www.lrm.nt.gov.au/nrmapsnt www.nt.gov.au/floods

- Legend**
- Flood extent (fringe)
 - Depth 0.0 - 0.15 metres
 - Flood extent
 - Depth 0.15 - 2.0 metres
 - Floodway area
 - Depth x Velocity > 1
 - Floodway
 - Depth > 2.0 metres
 - Peak flood surface contour metres AHD (interval - 0.25)
 - 575
 - River channel, flow direction
 - Limit of flood mapping
 - Property boundaries (Oct. 2015)
 - Road centrelines
 - Bridge, causeway
 - Railway
 - Park or Reserve boundary
 - Relief

Notes

- This map showing the 1% AEP (1 in 100 year) flood extent, is based on the modelled results from the report *Alice Springs Flood Investigation and Floodplain Mapping Study, Report No. 0269-02-C1 October 2015*, by WRM Water & Environment Pty Ltd
- The flood model is based on Alice Springs town and rural development as of 2010
- Floodway area is defined as the area where the velocity x water depth exceeds 1
- Floodway is defined as the area where the depth of floodwater exceeds 2.0 metres
- 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 1:10,000 and any enlargement beyond this scale does not increase the accuracy of the data appearing on the map and is not recommended
- An accurate flood extent at any location can only be obtained by a survey traverse from a known location

For further information contact:

Water Resources NT, Department of Land Resource Management
4th Floor Goyder Centre, 25 Chung Wah Terrace, Palmerston, Northern Territory
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PO Box 496, Palmerston, NT 0831
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Department of Land Resource Management, Northern Territory
October 2015

Map Grid of Australia (MGA) Zone 53 Horizontal Datum: GDA 94
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