

# 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](http://www.lrm.nt.gov.au/nrmapsnt) [www.nt.gov.au/floods](http://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  
T: (08) 8999 4455 Email: [waterresources@nt.gov.au](mailto:waterresources@nt.gov.au)  
PO Box 496, Palmerston, NT 0831  
Prepared by Spatial Data and Mapping Unit, Water Resources NT  
Department of Land Resource Management, Northern Territory

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