



**Northern Territory Government**

**wrm**  
water resources management

### ALICE SPRINGS FLOOD MAPPING RURAL AREA WEST - Sheet 2 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 Antechamber House 160 Sturt Road, **DARWIN** Northern Territory 0820  
T: (08) 8995 5300, F: (08) 8995 5365, PO Box 1688, Darwin, NT 0801

Ground Floor, Green Wall Building, 50 Bath Street,  
**ALICE SPRINGS** Northern Territory 0870  
T: (08) 8951 8000, F: (08) 8951 8222, PO Box 2130, Alice Springs, NT 0871  
This map is also available online at:  
[www.lrm.nt.gov.au/nrmap](http://www.lrm.nt.gov.au/nrmap) [www.nt.gov.au/floods](http://www.nt.gov.au/floods)

**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 Floodway Mapping Study, Report No. 0028-02-07 October 2015** by WRM Water & Environment Pty Ltd
- The flood model is based on Alice Springs towns 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 Q1%) 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 1:50,000 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 Guyton Centre, 60 Darling Road, Palmerston, Northern Territory  
T: (08) 8999 4455, Email: [waterresources@nt.gov.au](mailto:waterresources@nt.gov.au)  
PO Box 466, Palmerston, NT 0831

Prepared by Spatial Data and Mapping Unit, Water Resources NT  
Department of Land Resource Management, Northern Territory

**October 2015**

Map Grid of Australia (MGA), Zone 53, Horizontal Datum: GDA 94  
The map was produced using ArcGIS software.  
The Northern Territory of Australia does not warrant the accuracy or integrity of this content or its use and will not be liable for any damage or loss resulting from its use or from any reliance on its content.

**Legend**

- Flood extent (1% AEP)
- Flood extent (1% AEP) Depth 1.0 - 2.0 metres
- Flood extent (1% AEP) Depth 2.0 - 3.0 metres
- Floodway area
- Depth x Velocity > 1
- Floodway > 2 metres
- Peak flood surface contour (metres 200 interval - 0.25)
- River channel, free obstruction
- Limit of flood mapping
- Property boundaries (Oct. 2015)
- Road centrelines
- Bridge, causeway
- Railways
- Park or Reserve boundary
- Relief

**Index to Adjacent Sheets**

**Map of Australia**

**ALICE SPRINGS**