

KATHERINE FLOOD MAPPING KATHERINE TOWN AREA COMPUTED 1% AEP (1 in 100 Year) FLOOD EXTENT and PEAK FLOOD SURFACE CONTOURS

Notes

- 1 This map shows the 1% Annual Exceedance Probability (1% AEP) flood extent, and is based on the modelled results as described in the report - **Katherine River Flood Study, Report No. 0302-07-82 November 2017**, by WRM Water & Environment Pty Ltd.
- 2 The flood model cell size is 10 metres, and is based on topography extracted from 1.0 m LIDAR where coverage is available, the remaining area from 2.5 m photogrammetry DTM (2016).
- 3 Floodway area is defined as the area where the product of water depth and flow velocity (DxV) exceeds 1m²/s.
- 4 Floodway is defined as the area where the depth of floodwater exceeds 2 metres.
- 5 A 1% AEP flood (often referred to as the Q100) is defined as a flood magnitude which has a 1 in 100 chance of being equalled or exceeded in any one year.
- 6 This map is intended to be used at a scale of 1:7,500 and any enlargement beyond this scale does not increase the accuracy of the data appearing on the map and is not recommended.
- 7 An accurate flood extent at any location can only be obtained by a survey traverse from a known location.
- 8 The flood information shown on the map is considered as indicative only.

- ### Legend
- Flood extent (fringe)
 - Flood extent
 - Depth 0.0 - 0.15 metres
 - Depth 0.15 - 2.0 metres
 - Floodway area
 - Depth x Velocity > 1m²/s
 - Floodway
 - Depth > 2.0 metres
 - Peak flood surface contour metres AHD (Interval - 0.20m)
 - Drainage channel, flow direction
 - Drainage Line
 - Waterhole, Swamp
 - Limit of flood mapping
 - Property boundaries (July 2020)
 - Road centrelines
 - Park or Reserve boundary
 - Bridge, causeway

Flood information and products are available from:

<https://nt.gov.au/floods>
<https://nrmmaps.nt.gov.au>

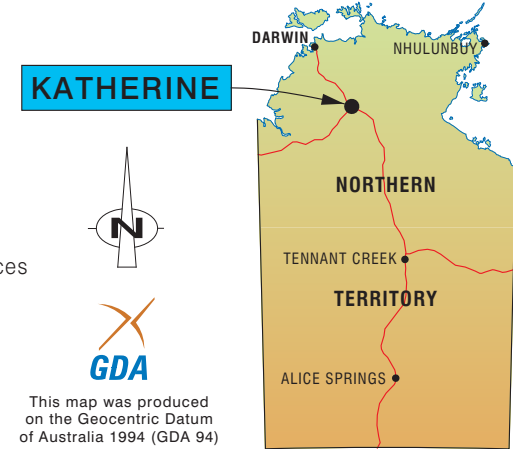
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metres 0 500 1000 1500 2000 2500
Map Grid of Australia (MGA) Zone 53 Horizontal Datum: GDA 94

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Map prepared by:
Department of Environment and Natural Resources
Geospatial Services
July 2020
Drawing No. DENR2020060



This flood mapping is a joint project between
Department of Infrastructure, Planning and Logistics and Department of Environment and Natural Resources