

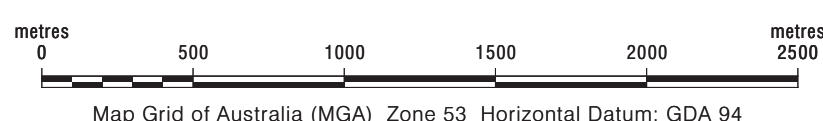


Notes

- This map shows the 1% Annual Exceedance Probability (1% AEP) flood extent, and is based on the modelled results as described in the report by **Katherine River Flood Study, Report No. 0302-07-02 November 2017**, by W&M Water & Environment Pty Ltd.
- The flood model cell size is 25 metres, and is based on topography extracted from 2.5 m photogrammetry DTM (2016).
- Floodway area is defined as the area where the product of water depth and flow velocity (DxV) exceeds 1m/s.
- Floodway is defined as the area where the depth of floodwater exceeds 2.0 metres.
- A 1% AEP flood (often referred to as the Q_{0.01}) is defined as a flood magnitude 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 1:25,000 and any enlargement beyond this scale does not increase the accuracy of the data that appears 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.
- The flood information shown on the map is considered as indicative only.
- Irregular (stepped) boundaries on the Floodway Area occur in some locations due to limitations in the ability of the hydraulic model to represent significant elevation changes (such as vertical culverts or steep slopes) over distances shorter than the adopted model resolution of 25 metres (i.e. 25m x 25m grid cell size).
- Flood extent (rings)
Depth 0.0 - 0.15 metres
Flood extent
Depth 0.15 - 2.0 metres
Floodway area
Depth x Velocity > 1m/s
Floodway
Depth > 2.0 metres
Peak flow surface contour
metres at 0.2m interval (0.20m)
Drainage channel, flow direction
Drainage Line
Waterhole, Swamp
Limit of cadastral mapping
Property boundaries (July 2020)
Road centrelines
Municipality Boundary
Railway
Park or Reserve boundary
Bridge, causeway

Flood information and products are available from:
<https://nt.gov.au/floods>
<https://nrmaps.nt.gov.au>

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