



TOWN of ADELAIDE RIVER COMPUTED 1% AEP (1 in 100 Year) FLOOD EXTENT and PEAK FLOOD SURFACE CONTOURS

- 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: **Adelaide River Town Flood Study, Report No. 1176-03-03 November 2018** by WRM Water & Environment Pty Ltd.
 - The digital terrain model (DTM) used in the flood model is based on June 2017 aerial photogrammetry.
 - Floodway area is defined as the area where the product of water depth and flow velocity (DAV) 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 Q10) 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 1:10,000 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.
 - The flood information shown on the map is considered as indicative only.

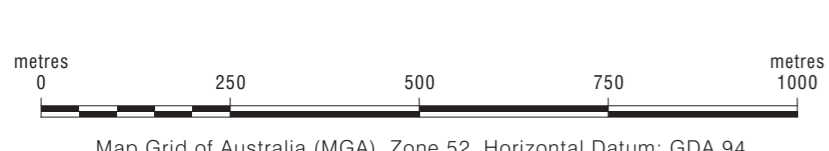
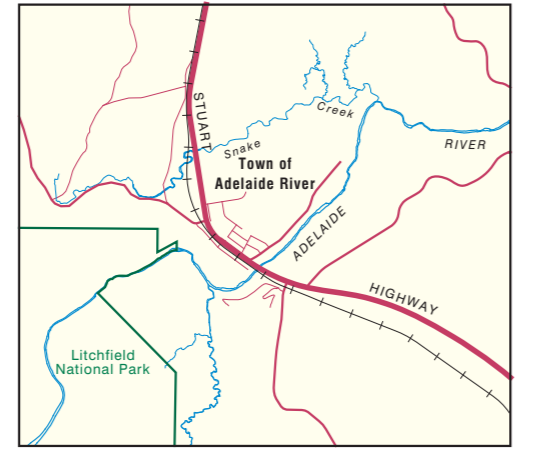
Legend

- Flood extent (fringe) Depth 0.0 - 0.5 metres
- Flood extent Depth 0.5 - 2.0 metres
- Floodway area (see note 3) Depth x Velocity > 1m/s
- Floodway (see note 4) Depth > 2.0 metres
- 48.25 Peak flood surface contour metres AHD (Interval - 0.25m)
- River channel, flow direction
- Limit of flood mapping
- Property boundaries (July 2020)
- Road centrelines
- Bridge, causeway
- Railway
- Shire boundary
- Park or Reserve boundary
- Relief

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

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 Department of Environment and Natural Resources
 Geospatial Services
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Map Grid of Australia (MGA) Zone 52 Horizontal Datum: GDA 94

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