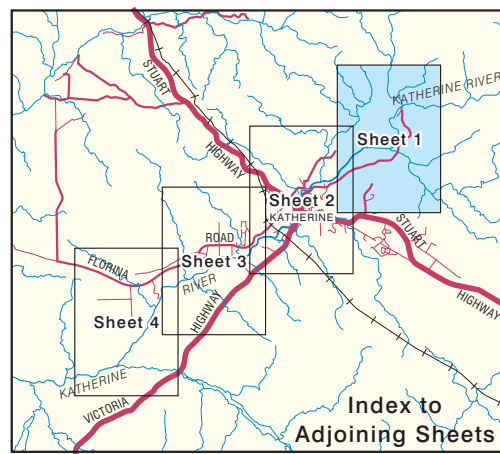
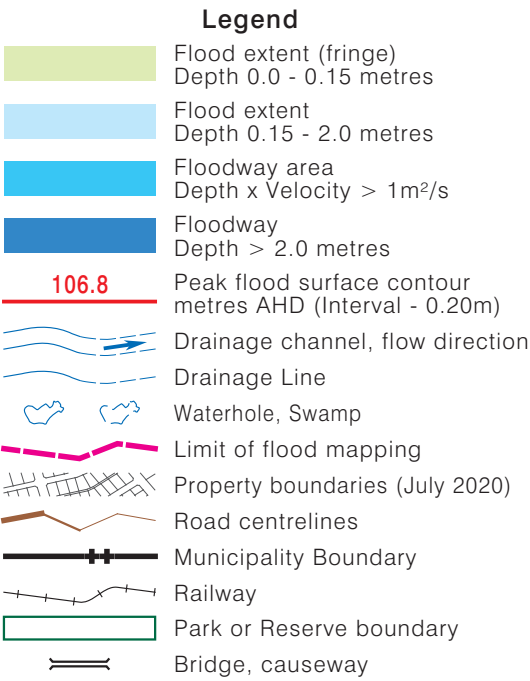




KATHERINE FLOOD MAPPING KATHERINE RURAL AREA - Sheet 1 COMPUTED 1% AEP (1 in 100 Year) FLOOD EXTENT and PEAK FLOOD SURFACE CONTOURS

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-B2 November 2017*, by WRM Water & Environment Pty Ltd.
- 2 The flood model cell size is 25 metres, and is based on topography extracted from 2.5 m photogrammetry DTM (2016).
- 3 Floodway area is defined as the area where the product of water depth and flow velocity (DV) exceeds 1m³/s.
- 4 Floodway is defined as the area where the depth of floodwater exceeds 2.0 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 1:25,000 and any enlargement beyond this scale does not increase the accuracy of the data that appears on the map and is not recommended.
- 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.
- 9 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 cliffs or steep slopes) over distances shorter than the adopted model resolution of 25 metres (i.e. 25m x 25m grid cell size).



Flood information and products are available from:

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

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

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