

RAPID CREEK FLOOD MAPPING COMPUTED 1% AEP (1 in 100 Year) FLOOD EXTENT and PEAK FLOOD SURFACE CONTOURS for 2100

Notes

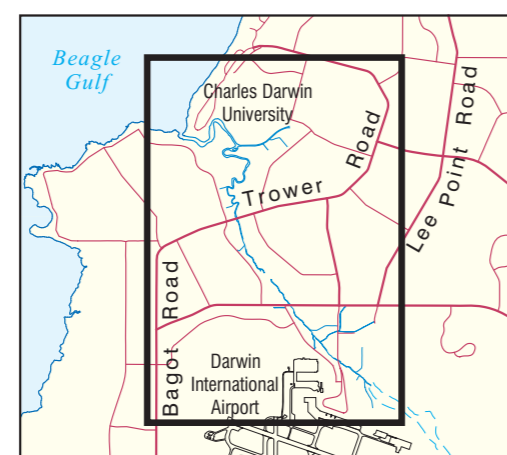
- This map shows the flood extent for the 1% annual exceedance probability (1% AEP) for the year 2100 at Highest Astronomical Tide (HAT), with the current non-filled properties and Marrara detention basin, and is based on the modelled results as described in the report - **Rapid Creek Flood Study - Flood Modelling with Detention Basin, Report No. IW11200-CH-RPT-0002 Version 8, 24 March 2020**, by Jacobs Group (Australia) Pty Limited.
- The digital terrain model (DTM) used in the hydraulic (flood) model is based on 2014 aerial photography.
- Floodway area is defined as the area where the product of water depth and flow velocity (DxV) exceeds 1m²/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 Q₁₀₀) for the year 2100 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 1:5,000 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 - 0.15 metres
- Flood Extent Depth 0.15 - 0.5 metres
- Flood Extent Depth 0.5 - 2.0 metres
- Floodway Area (see note 3) Depth x Velocity > 1m²/s
- Floodway (see note 4) Depth > 2.0 metres
- 12.75 Peak Flood Surface Contour metres AHD (Interval - 0.25m)
- Property Boundaries (Aug. 2019)
- Road Centrelines
- Park or Reserve Boundary
- Limit of Flood Mapping
- Creek Channel, Flow Direction
- Coastline, Drainage Line
- Lake, Swamp
- Mangrove, Dense Vegetation
- Embankment - Top and Bottom

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

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