

The flood outlines shown are indicative based on current information and modelling software.

The drawing shows fluvial (river) flooding from the River Ryton only. Smaller tributaries have not been modelled.

Blue arrows show the flood flow direction as it spills from the river and spreads overland.

The flood depths shown are for the 1 in 100 year flood event. Flooding is expected to be deeper in the future, allowing for the effects of climate change.

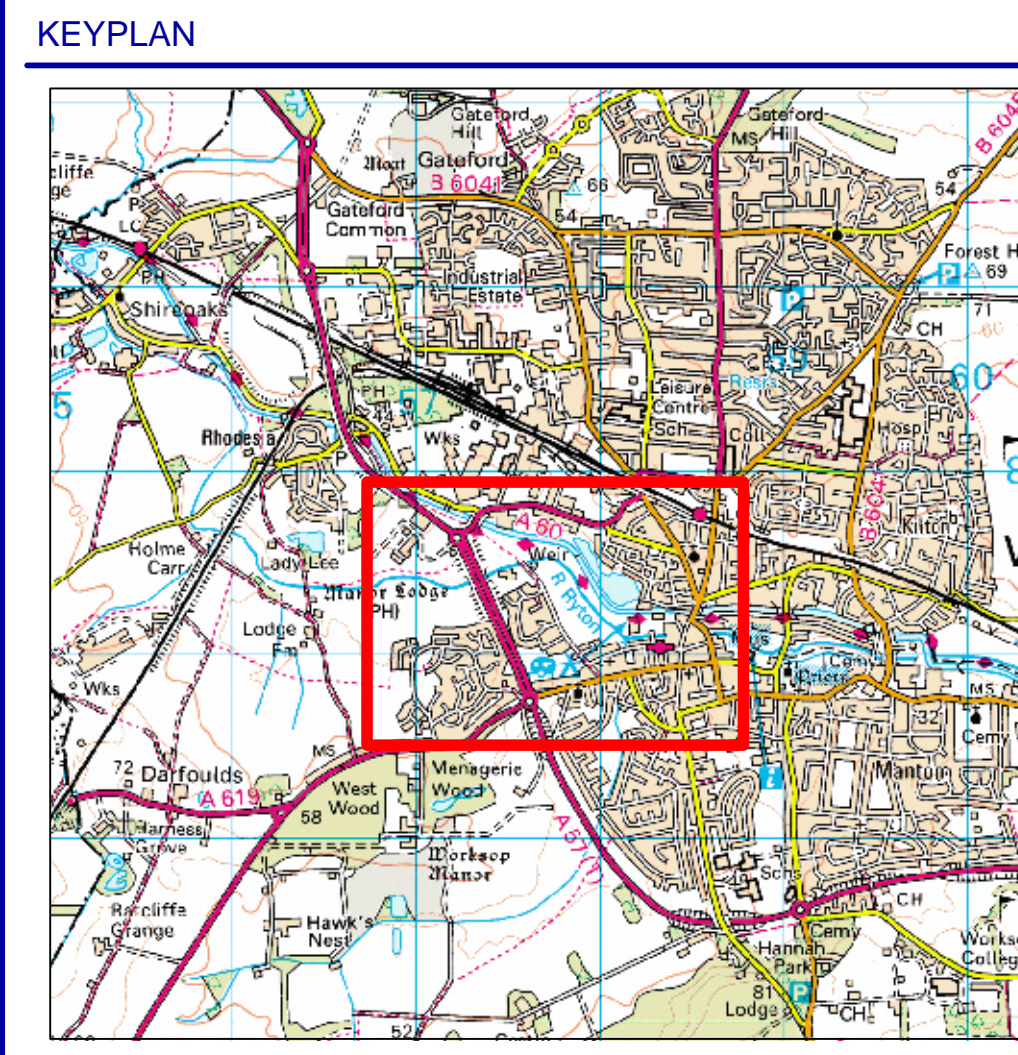
Banks are named as if facing downstream. For example, the left bank is typically the Northern bank on this drawing.

Flood risk from sources other than the river are shown on separate drawings.

**LEGEND**

- 20 year defended outline (Flood Zone 3b)
- 100 year defended outline (Flood Zone 3a)
- 100 year +CC defended outline
- 1000 year defended outline (Flood Zone 2)
- Typical depth (m) during 1 in 100 annual chance flood
- Flow direction

0 550 1,100 2,200 3,300 4,400 Meters



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**BASSETLAW DISTRICT COUNCIL**

**STRATEGIC FLOOD RISK ASSESSMENT  
WORKSHOP FLOOD DYNAMIC MAP**

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		Checked:	K SHUTTLEWORTH
		Approved:	D PETTIFER

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Whilst all reasonable care has been taken in this assessment, we cannot guarantee that flooding depths and outlines may not vary from those stated. The assessment of weather generated flooding is inexact and analysis is limited by the accuracy of recorded data.

Probability of flooding is expressed as the likelihood of an event being exceeded in a given year. This is a statistical estimate based on available historical data, referred to as "1 in 100 (1%) annual chance flood even or similar. It is essential to appreciate that a 1 in 100 year flood even can occur more than once in a 100 year period.

Banks overtopped in a 1 in 20 year annual chance event. Flood water backs up slightly due to bridge under A57

Overflow weir from canal flows into ditch to River Ryton

Chesterfield Canal

Flood water from River Ryton backs up ditch

1 in 100 year flood flows across Stubbing Lane track

Left bank overtopped in a 1 in 20 year annual chance event. Flooding flows towards caravan park and bowling green

Left bank overtopped in a 1 in 100 year annual chance event. Flooding flows onto cricket pitch

Culverts under town centre buildings are too small to convey the 1 in 100 year flow and cause flooding upstream

Right bank overtopped in a 1 in 20 year annual chance event. Lower area is filled first, then this overflows north west towards sports ground

When water levels in River Ryton are high, it is possible flow in the un-named tributary will back up and flood properties between Stubbing Lane and the River Ryton

un-named tributary

When water levels in River Ryton are high, it is possible flow in Bull Dyke will back up and flood properties between Farr Park and the River Ryton

Farr Park recreational ground susceptible to flooding from Bull Dyke (Bull Dyke flooding has not been modelled as part of this study)

Bull Dyke

Right bank overtopped in a 1 in 100 year annual chance event. Water is likely to flow across Central Avenue, along Hardy Street, Allen Street and King Street and onto Newcastle Avenue. Some property flooding may occur and is more likely to happen with the effects of climate change