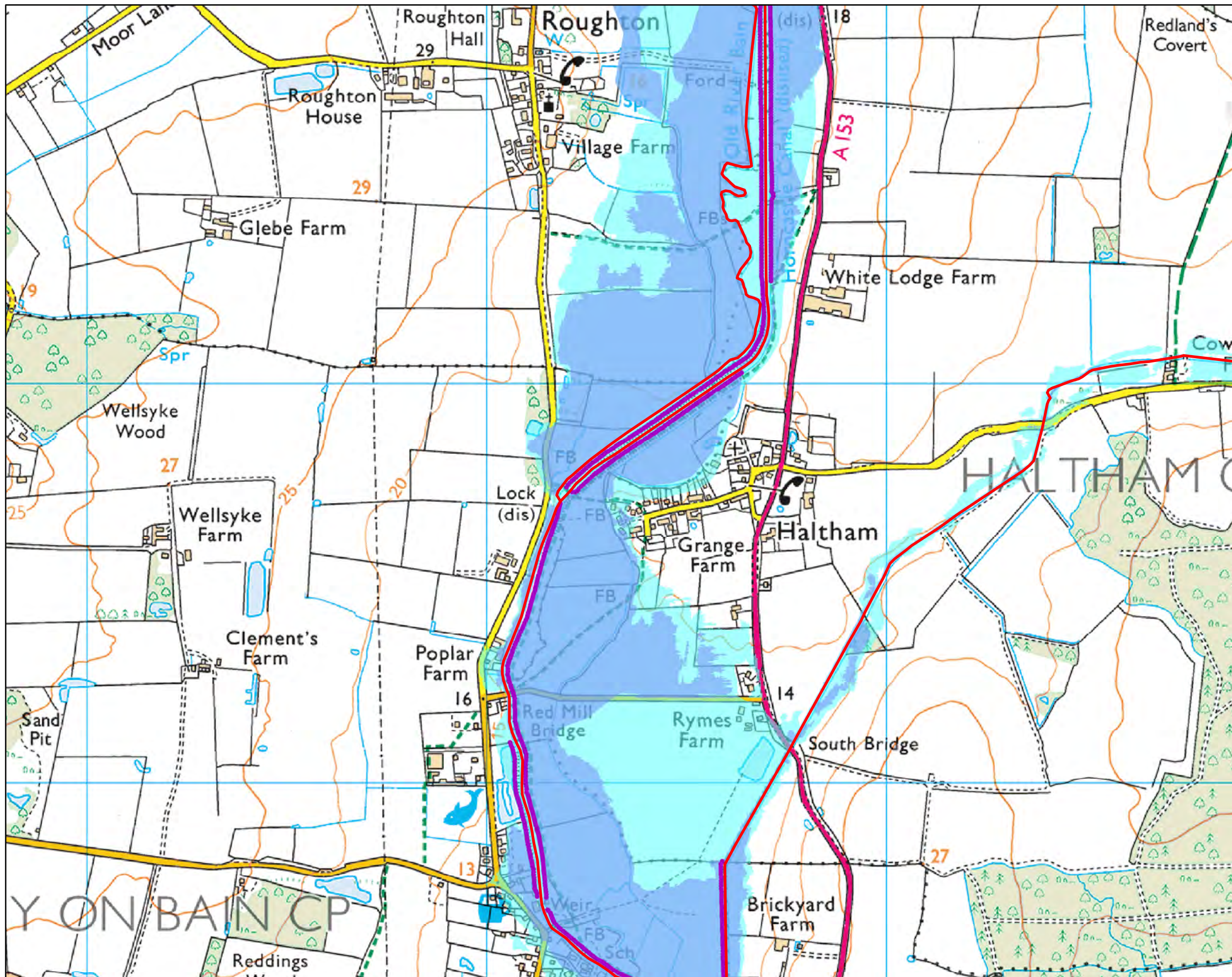


Basic FRA Map centred on TF 24342 63727 - created April 2016 [Ref: CCN-2016-7795]



Scale 1:10,000



- Main River
- Raised Defences
- Area at Risk of Flooding from Rivers or The Sea
- Extreme Flood Outline

Dark blue shows the area that could be affected by flooding, either from rivers or the sea, if there were no flood defences. This area could be flooded:

- from the sea by a flood that has a 0.5% (1 in 200) or greater chance of happening each year.
- or from a river by a flood that has a 1% (1 in 100) or greater chance of happening each year.

Light blue shows the extent of the Extreme Flood Outline, which represents the extent of a flood event with a 0.1% chance of occurring in any year, or the highest recorded historic extent if greater.

These two colours show the extent of the natural floodplain if there were no flood defences or certain other manmade structures and channel improvements. Sites outside the two extents, but behind raised defences, may be affected by flooding if the defences are overtopped or fail.

Created by the Partnerships and Strategic Overview Team, Lincoln

Basic FRA Map centred on TF 24342 63727 - created April 2016 [Ref: CCN-2016-7795]



Scale 1:10,000

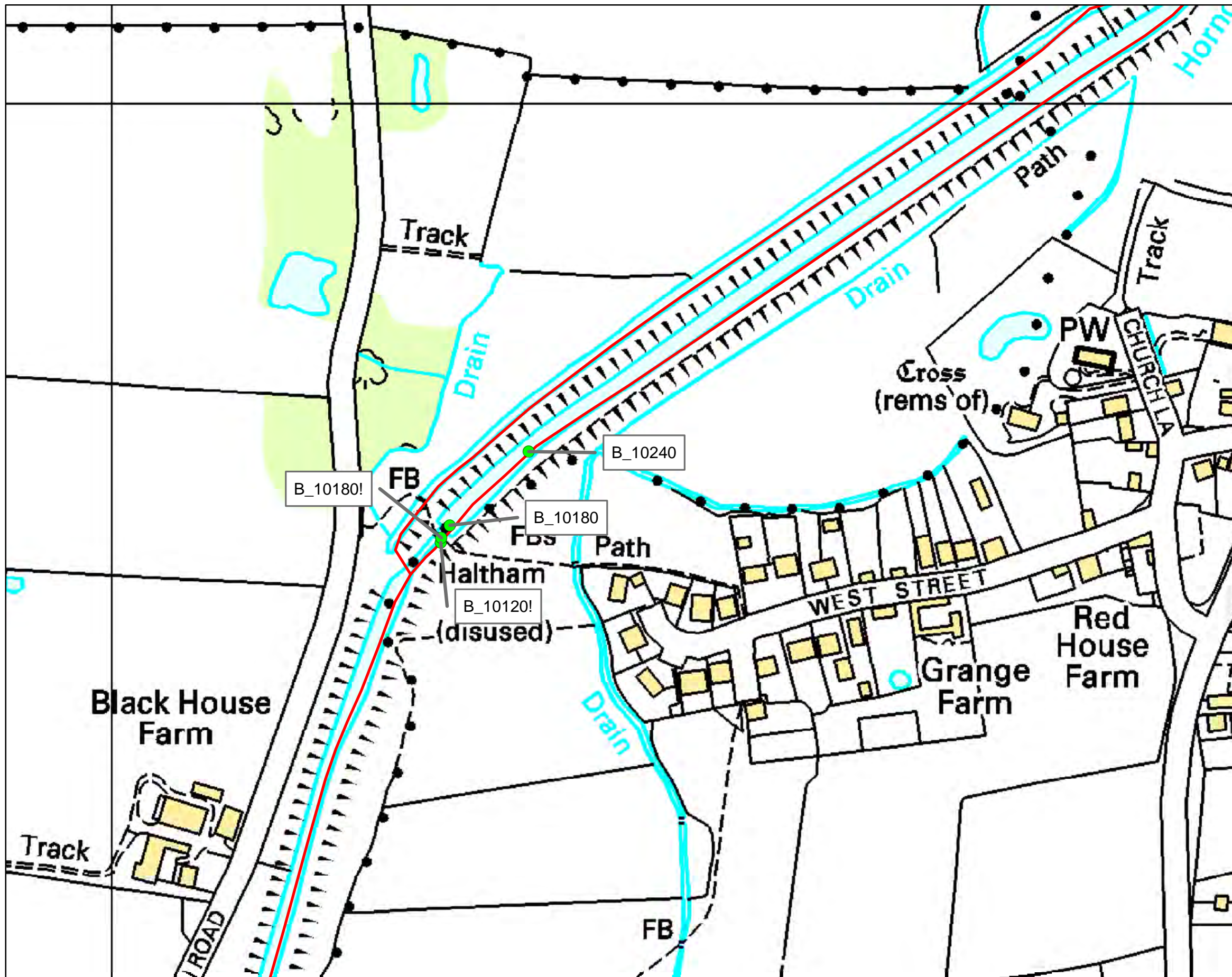


Historic Flood Extent

■ April 1981 on the Horncastle Canal

Created by the Partnerships and Strategic Overview Team, Lincoln

Basic FRA Map centred on TF 24342 63727 - created April 2016 [Ref: CCN-2016-7795]



Scale 1:2,500



- Model Nodes
- Main River

Created by the Partnerships and Strategic Overview Team, Lincoln

Datasheet [Ref: CCN-2016-7795]

Fluvial Flood Levels (mODN)

The fluvial flood levels for the model nodes shown on the attached map are set out in the table below. They are measured in metres above Ordnance Datum Newlyn (mODN).

Node Label	Easting	Northing	Annual Exceedance Probability - Maximum Water Levels (mODN)											
			50% (1 in 2)	20% (1 in 5)	10% (1 in 10)	5% (1 in 20)	4% (1 in 25)	2% (1 in 50)	1.33% (1 in 75)	1% (1 in 100)	1% (1 in 100) inc 20% Climate Change	0.5% (1 in 200)	0.1% (1 in 1000)	0.1% (1 in 1000) inc 20% Climate Change
B_10120!	524205	363725	13.99	14.23	14.38	14.43	14.44	14.47	14.48	14.49	14.50	14.50	14.56	14.63
B_10180	524211	363736	15.11	15.34	15.54	15.73	15.81	16.05	16.32	16.38	16.47	16.48	16.67	16.72
B_10180!	524206	363728	15.11	15.35	15.54	15.74	15.82	16.06	16.33	16.40	16.48	16.49	16.68	16.74
B_10240	524260	363782	15.13	15.37	15.56	15.76	15.83	16.07	16.34	16.41	16.50	16.50	16.68	16.73

Fluvial Flood Flows (m³/s)

The fluvial flood flows for the model nodes shown on the attached map are set out in the table below. They are measured in metres cubed per second (m³/s).

Node Label	Easting	Northing	Annual Exceedance Probability - Maximum Flows (m ³ /s)											
			50% (1 in 2)	20% (1 in 5)	10% (1 in 10)	5% (1 in 20)	4% (1 in 25)	2% (1 in 50)	1.33% (1 in 75)	1% (1 in 100)	1% (1 in 100) inc 20% Climate Change	0.5% (1 in 200)	0.1% (1 in 1000)	0.1% (1 in 1000) inc 20% Climate Change
B_10120!	524205	363725	13.35	16.77	19.73	22.95	24.15	28.40	33.27	34.51	36.20	36.37	40.51	42.11
B_10180	524211	363736	13.35	16.77	19.73	22.95	24.15	28.40	33.27	34.52	36.20	36.37	41.23	43.22
B_10180!	524206	363728	13.35	16.77	19.73	22.95	24.15	28.40	33.27	34.51	36.20	36.37	40.51	42.11
B_10240	524260	363782	13.35	16.77	19.73	22.94	24.15	28.40	33.27	34.54	36.20	36.37	45.30	49.55