Flood risk assessment data

Location of site: 385512 / 393219 (shown as easting and northing coordinates)
Document created on: 7 January 2026
This information was previously known as a product 4.
Customer reference number: VUH4C9RHPKW3

Map showing the location that flood risk assessment data has been requested for.



How to use this information

You can use this information as part of a flood risk assessment for a planning application. To do this, you should include it in the appendix of your flood risk assessment.

We recommend that you work with a flood risk consultant to get your flood risk assessment.

Included in this document

In this document you'll find:

- how to find information about surface water and other sources of flooding
- information on the models used
- definitions for the terminology used throughout
- flood map for planning (rivers and the sea)
- past floods
- flood defences and attributes
- information to help you assess if there is a reduced flood risk from rivers and the sea because of defences
- modelled data
- information about strategic flood risk assessments
- information about this data
- information about flood risk activity permits
- help and advice

Surface water and other sources of flooding

When using the surface water map on the check your long term flood risk service the following considerations apply:

- surface water extents are suitable for use in planning
- surface water climate change scenarios may help to inform risk assessments, but the available data fall short of what is required to assess planned development
- surface water depth information should not be used for planning purposes

To find out about other factors that might affect the flood risk of this location, you should also check:

- reservoir flood risk
- groundwater flood risk - you could use the British Geological Survey groundwater flooding data, groundwater: current status and flood risk and the guide on mining and groundwater constraints for development - further information may be available from the lead local flood authority (LLFA)
- your local planning authority's SFRA, which includes future flood risk

Your Lead Local Flood Authority is Manchester District.

For information about sewer flooding, contact the relevant water company for the area.

About the models used

Model name: Cringle Black Brook 2017
Scenario(s): Defended fluvial, defences removed fluvial, defended climate change fluvial, defences removed climate change fluvial
Date: 1 April 2018

This model contains the most relevant data for your area of interest.

Terminology used

Annual exceedance probability (AEP)

This refers to the probability of a flood event occurring in any year. The probability is expressed as a percentage. For example, a large flood which is calculated to have a 1% chance of occuring in any one year, is described as 1% AEP.

Metres above ordnance datum (mAOD)

All flood levels are given in metres above ordnance datum which is defined as the mean sea level at Newlyn, Cornwall.

Flood map for planning (rivers and the sea)

Your selected location is in flood zone 3.

Flood zone 3 shows the area at risk of flooding for an undefended flood event with a:

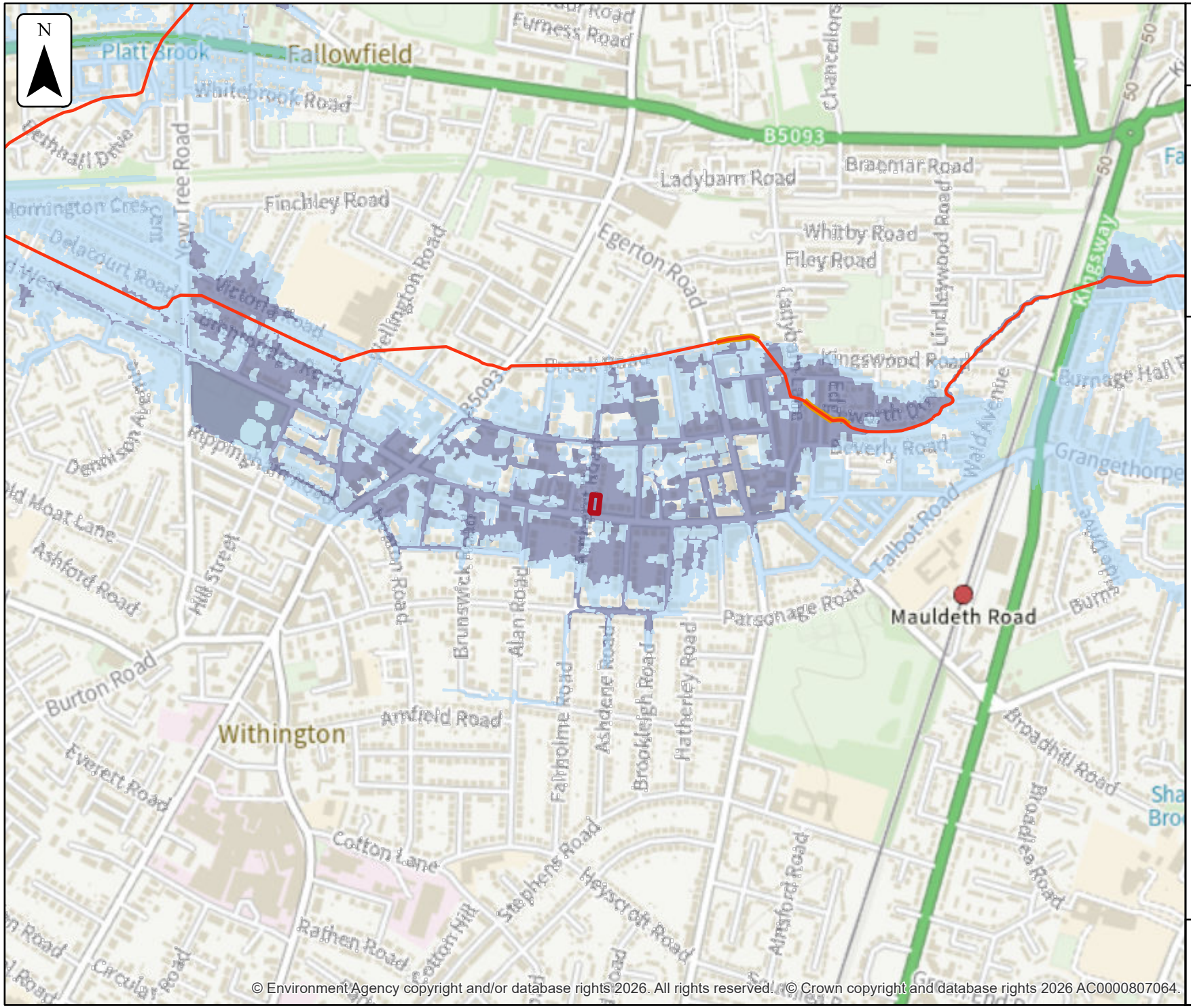
- 0.5% or greater probability of occurring in any year for flooding from the sea
- 1% or greater probability of occurring in any year for fluvial (river) flooding

Flood zone 2 shows the area at risk of flooding for an undefended flood event with:

- between a 0.1% and 0.5% probability of occurring in any year for flooding from the sea
- between a 0.1% and 1% probability of occurring in any year for fluvial (river) flooding

It's important to remember that the flood zones on this map:

- refer to the land at risk of flooding and do not refer to individual properties
- refer to the probability of river and sea flooding, ignoring the presence of defences
- do not take into account potential impacts of climate change



Environment Agency

Flood map for planning

Location (easting/northing)
385512/393219

Scale
1:10,000

Created
7 Jan 2026

- Selected area
- Main river
- Flood defence
- Flood Zone 3
- Flood Zone 2

0 100 200 300 400 500
metres

Flood defences and attributes

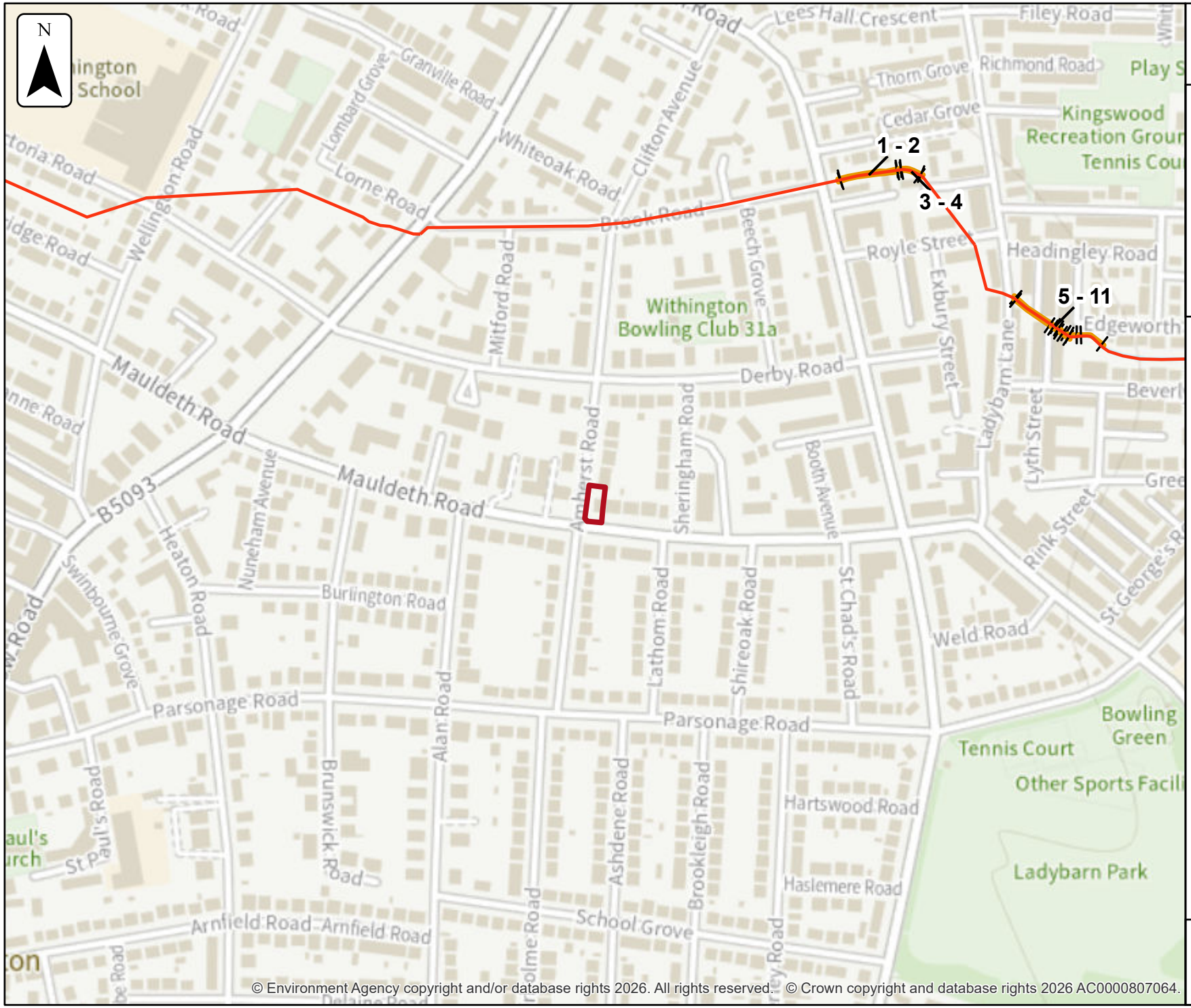
The flood defences map shows the location of the flood defences present.

The flood defences data table shows the type of defences, their condition and the standard of protection. It shows the height above sea level of the top of the flood defence (crest level). The height is In mAOD which is the metres above the mean sea level at Newlyn, Cornwall.

It's important to remember that flood defence data may not be updated on a regular basis. The information here is based on the best available data.

Use this information:

- to help you assess if there is a reduced flood risk for this location because of defences
- with any information in the modelled data section to find out the impact of defences on flood risk



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Flood defences data

Label	Asset ID	Asset Type	Standard of protection (years)	Current condition	Downstream actual crest level (mAOD)	Upstream actual crest level (mAOD)	Effective crest level (mAOD)
1	121699	Wall	100	Fair	39.28	39.24	
2	32270	Wall	100	Fair	39.21	39.28	
3	32271	Wall	100	Fair	39.40	39.73	
4	32836	Wall	100	Fair	39.40	39.36	
5	32357	Wall	100	Good	40.67	40.97	
6	121698	Wall	100	Good	40.70	40.96	
7	32358	Wall	100	Good	40.72	40.71	
8	59161	Wall	100	Good	40.13	40.13	
9	8870	Wall	100	Good	39.84	39.83	
10	8872	Engineered High Ground	100	Fair	39.78	39.77	

Any blank cells show where a particular value has not been recorded for an asset.

Label	Asset ID	Asset Type	Standard of protection (years)	Current condition	Downstream actual crest level (mAOD)	Upstream actual crest level (mAOD)	Effective crest level (mAOD)
11	9557	Engineered High Ground	100	Fair	39.86	39.89	

Any blank cells show where a particular value has not been recorded for an asset.

Modelled data

This section provides details of different scenarios we have modelled and includes the following (where available):

- outline maps showing the area at risk from flooding in different modelled scenarios
- modelled node point map(s) showing the points used to get the data to model the scenarios and table(s) providing details of the flood risk for different return periods
- map(s) showing the approximate water levels for the return period with the largest flood extent for a scenario and table(s) of sample points providing details of the flood risk for different return periods

Climate change

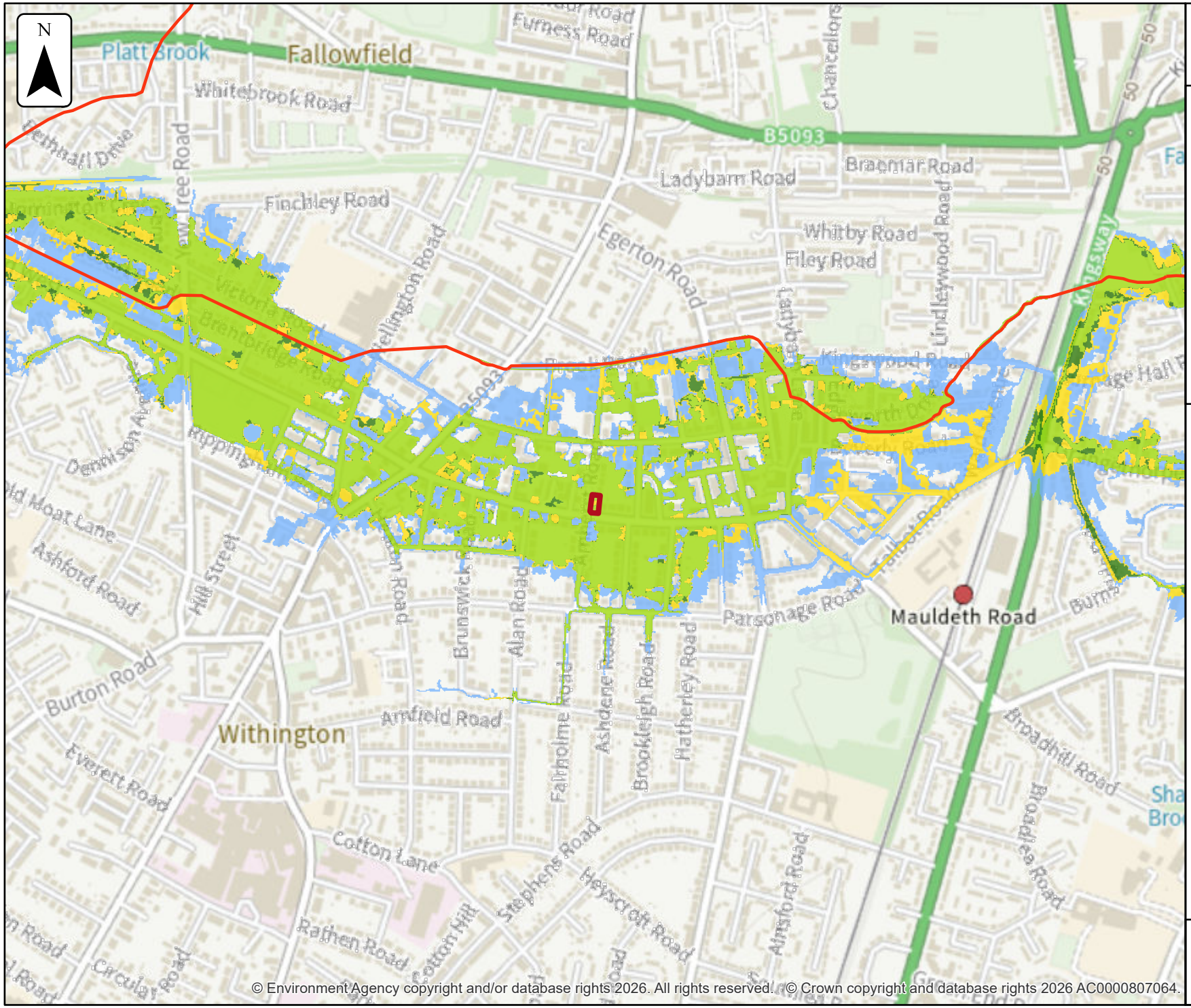
The climate change data included in the models may not include the latest flood risk assessment climate change allowances. Where the new allowances are not available you will need to consider this data and factor in the new allowances to demonstrate the development will be safe from flooding.

The Environment Agency will incorporate the new allowances into future modelling studies. For now, it's your responsibility to demonstrate that new developments will be safe in flood risk terms for their lifetime.

Modelled scenarios

The following scenarios are included:

- Defended modelled fluvial: risk of flooding from rivers where there are flood defences
- Defences removed modelled fluvial: risk of flooding from rivers where flood defences have been removed
- Defended climate change modelled fluvial: risk of flooding from rivers where there are flood defences, including estimated impact of climate change
- Defences removed climate change modelled fluvial: risk of flooding from rivers where flood defences have been removed, including estimated impact of climate change



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Defences removed climate change modelled fluvial extent

Location (easting/northing)
385512/393219

Scale
1:10,000

Created
7 Jan 2026

Model name
Cringle Black Brook 2017

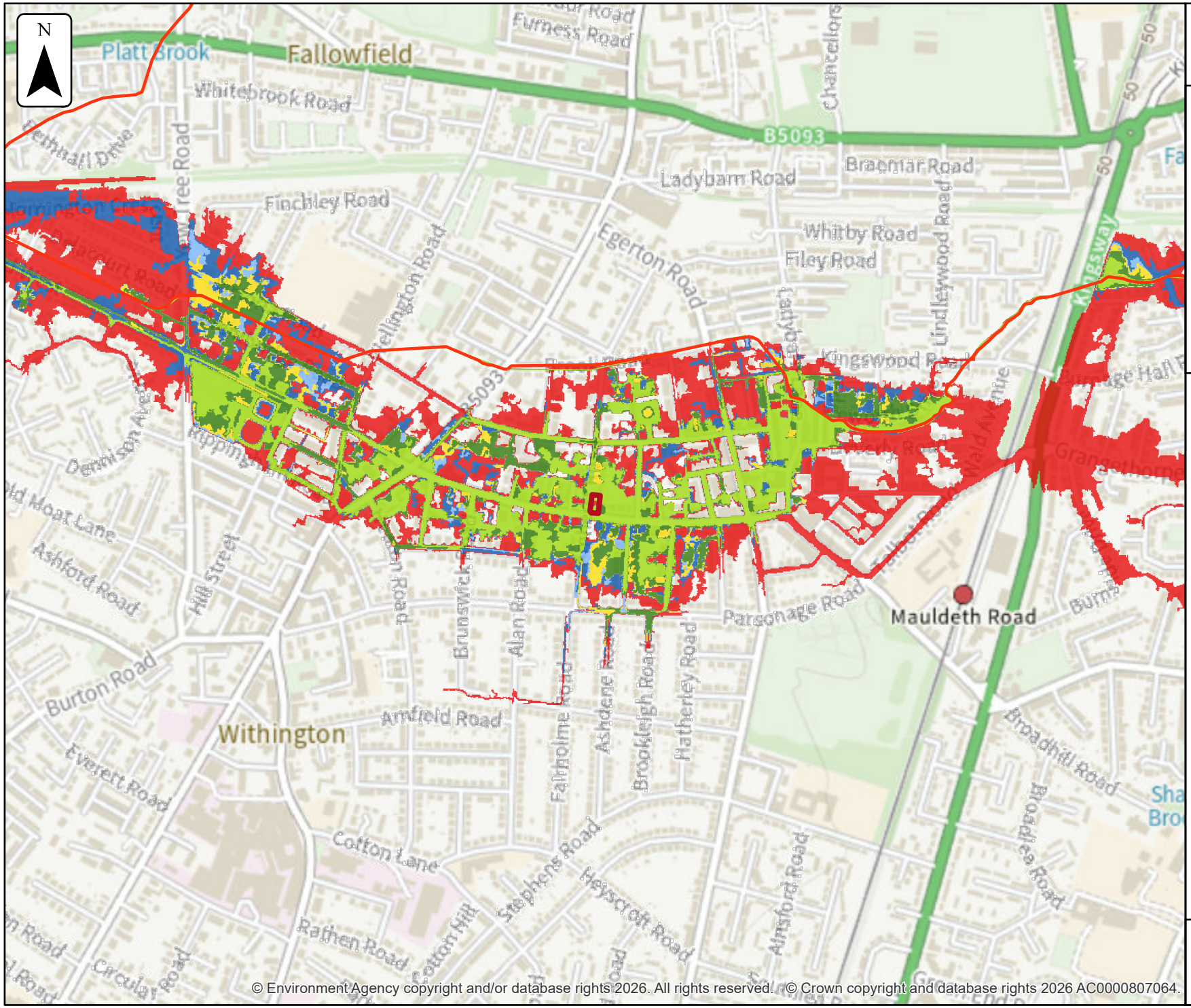
- Selected area
- Main river

Modelled flood extent

- 1% AEP (+30%)
- 1% AEP (+35%)
- 1% AEP (+70%)
- 0.1% AEP (+30%)

Flood extents may not be visible where they overlap other return periods

0 100 200 300 400 500
metres



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Environment Agency

Defences removed modelled fluvial extent

Location (easting/northing)
385512/393219

Scale
1:10,000

Created
7 Jan 2026

Model name
Cringle Black Brook 2017

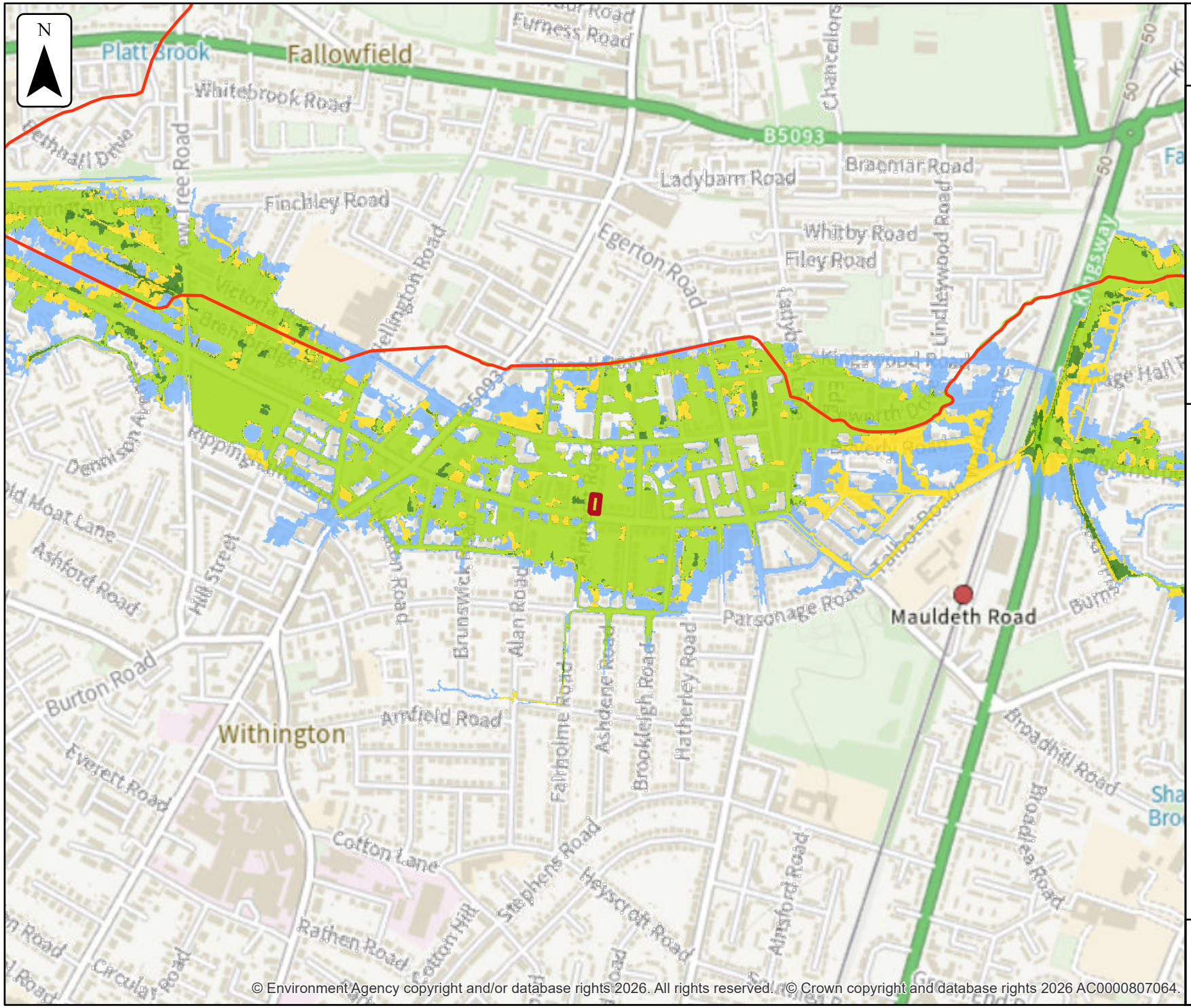
- Selected area
- Main river

Modelled flood extent

- 5% AEP
- 2% AEP
- 1.33% AEP
- 1% AEP
- 0.5% AEP
- 0.1% AEP

Flood extents may not be visible where they overlap other return periods

0 100 200 300 400 500
metres



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Environment Agency

Defended climate change modelled fluvial extent

Location (easting/northing)
385512/393219

Scale
1:10,000

Created
7 Jan 2026

Model name
Cringle Black Brook 2017

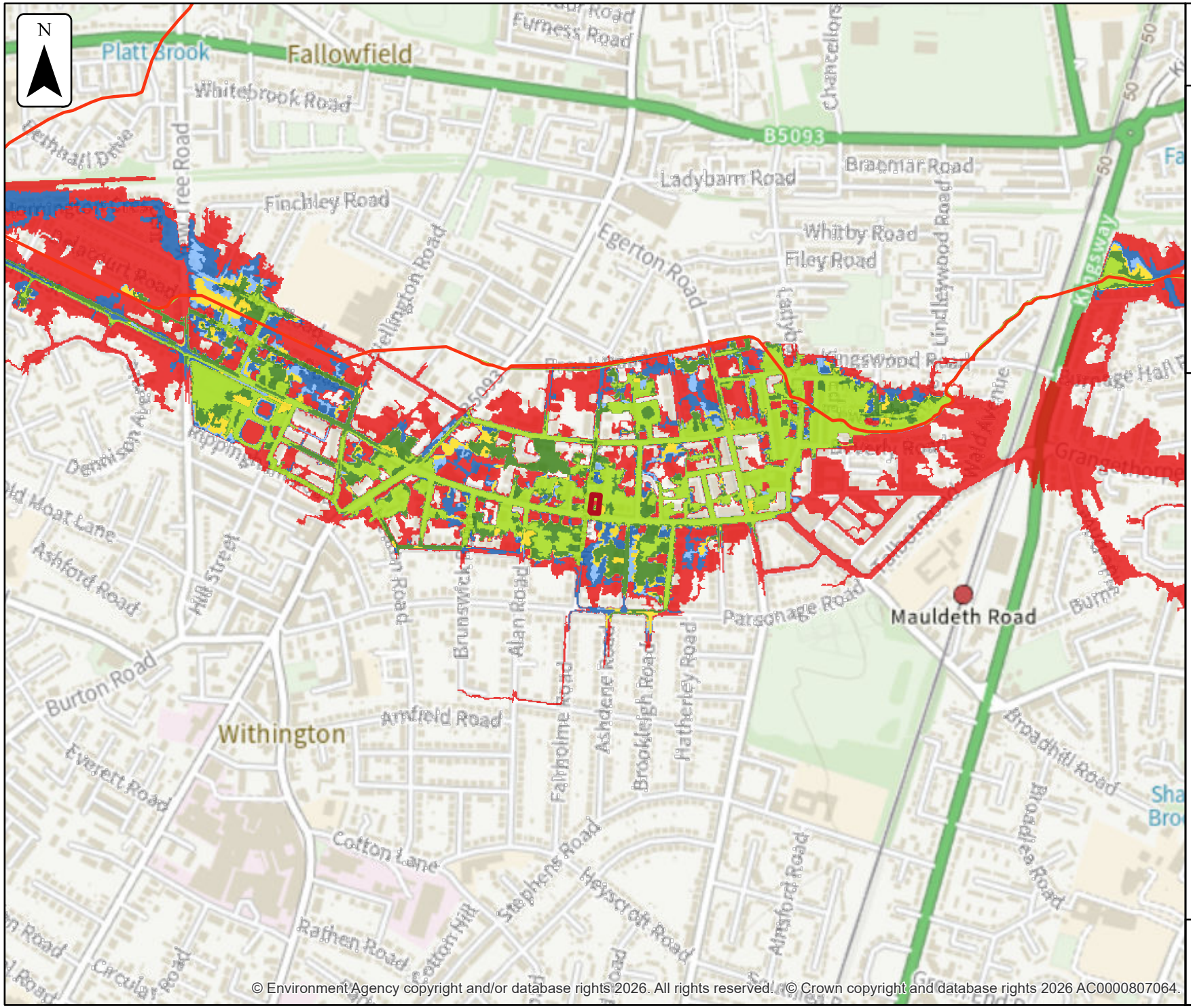
- Selected area
- Main river

Modelled flood extent

- 1% AEP (+30%)
- 1% AEP (+35%)
- 1% AEP (+70%)
- 0.1% AEP (+30%)

Flood extents may not be visible where they overlap other return periods

0 100 200 300 400 500
metres



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Environment Agency

Defended modelled fluvial extent

Location (easting/northing)
385512/393219

Scale
1:10,000

Created
7 Jan 2026

Model name
Cringle Black Brook 2017

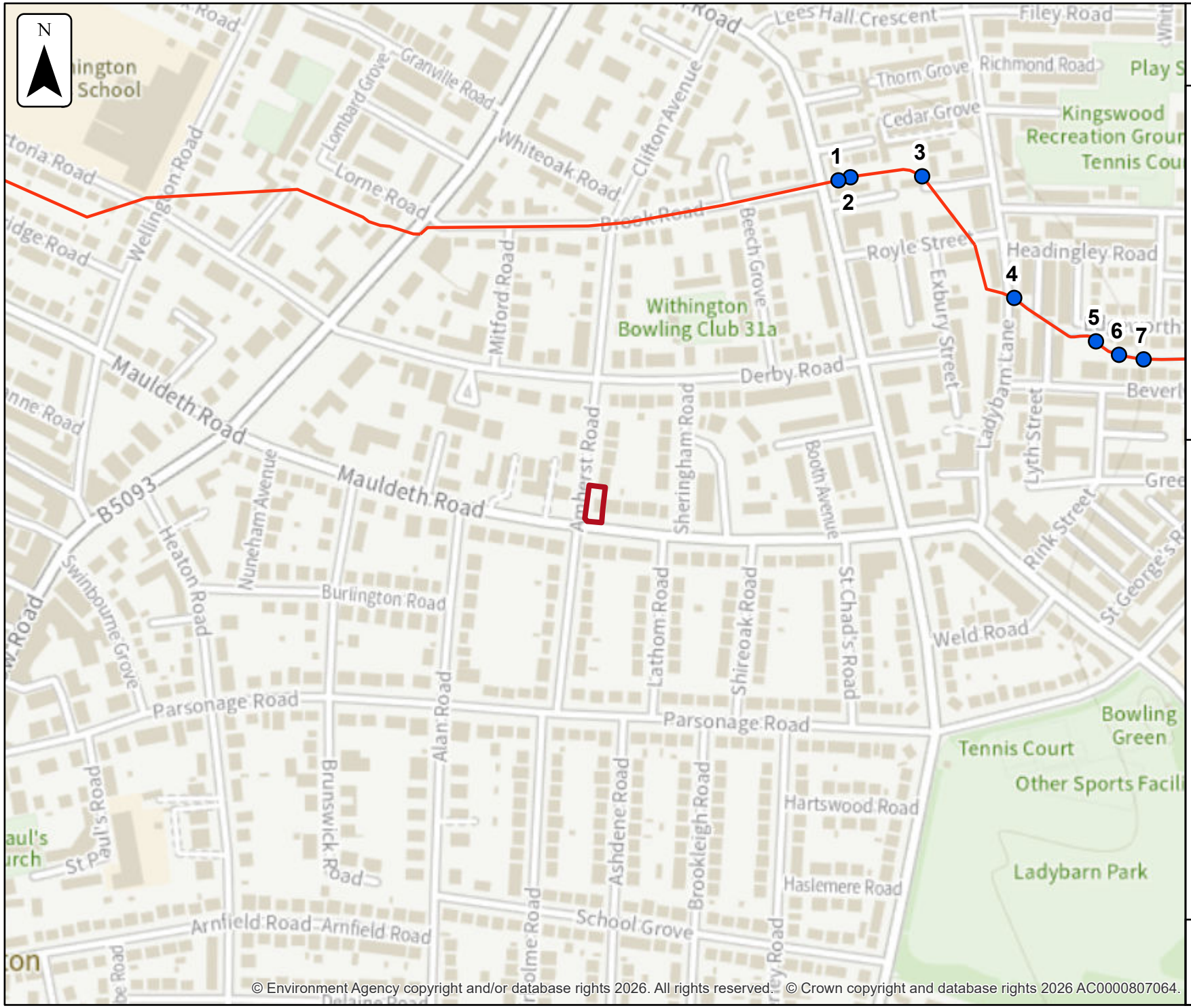
- Selected area
- Main river

Modelled flood extent

- 5% AEP
- 2% AEP
- 1.33% AEP
- 1% AEP
- 0.5% AEP
- 0.1% AEP

Flood extents may not be visible where they overlap other return periods

0 100 200 300 400 500
metres



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Environment Agency

Defended modelled fluvial node locations

Location (easting/northing)
385512/393219

Scale
1:5,000

Created
7 Jan 2026

Model name
Cringle Black Brook 2017

- Selected area
- Modelled location
- Main river

0 50 100 150 200 250
metres

Modelled node locations data

Defended

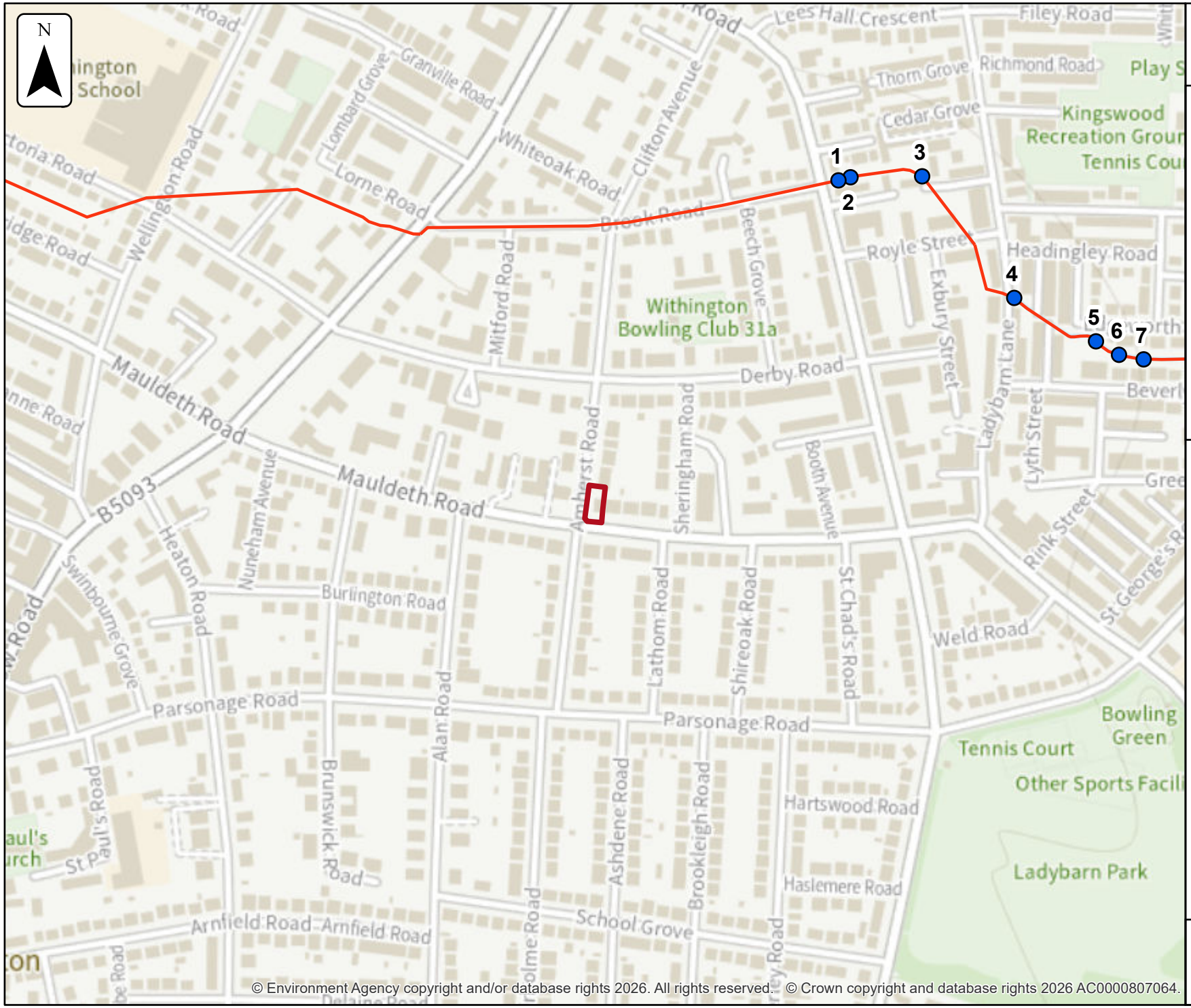
Label	Modelled location ID	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
				Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level
1	1440137	385748	393534	37.83	38.02	38.43	38.45	38.45	38.46	38.47	38.47	38.47	38.48	38.56
2	1440074	385760	393537	37.84	38.03	38.44	38.45	38.46	38.46	38.47	38.47	38.47	38.48	38.56
3	1440084	385830	393538	37.88	38.09	38.52	38.53	38.54	38.54	38.55	38.55	38.56	38.56	38.64
4	1440079	385920	393420	38.45	38.77	39.31	39.33	39.34	39.34	39.35	39.35	39.36	39.37	39.43
5	1440131	385999	393377	39.27	39.41	39.73	39.76	39.77	39.78	39.80	39.81	39.81	39.83	39.89
6	1440066	386022	393364	39.31	39.43	39.70	39.73	39.74	39.75	39.76	39.77	39.77	39.78	39.87
7	1440092	386046	393360	39.47	39.57	39.73	39.78	39.79	39.80	39.83	39.85	39.86	39.89	40.08

Data in this table comes from the Cringle Black Brook 2017 model.
Level values are shown in mAOD, and flow values are shown in cubic metres per second.
Any blank cells show where a particular scenario has not been modelled for this location.

Defended

Label	Modelled location ID	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
				Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
1	1440137	385748	393534	3.03	3.69	4.27	4.37	4.38	4.39	4.40	4.41	4.42	4.43	4.46
2	1440074	385760	393537	3.03	3.69	4.27	4.37	4.38	4.39	4.40	4.41	4.42	4.43	4.47
3	1440084	385830	393538	3.03	3.69	4.28	4.38	4.38	4.39	4.40	4.41	4.42	4.44	4.48
4	1440079	385920	393420	3.03	3.69	4.28	4.39	4.38	4.39	4.40	4.41	4.42	4.44	4.48
5	1440131	385999	393377	3.03	3.69	4.57	5.04	5.13	5.25	5.61	5.84	5.97	6.43	9.67
6	1440066	386022	393364	3.03	3.69	4.57	5.07	5.17	5.29	5.66	5.90	6.04	6.51	9.72
7	1440092	386046	393360	3.03	3.70	4.57	5.07	5.17	5.27	5.53	5.72	5.82	6.19	8.56

Data in this table comes from the Cringle Black Brook 2017 model.
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Environment Agency

Defences removed modelled fluvial node locations

Location (easting/northing)
385512/393219

Scale
1:5,000

Created
7 Jan 2026

Model name
Cringle Black Brook 2017

- Selected area
- Modelled location
- Main river

0 50 100 150 200 250
metres

Modelled node locations data

Defences removed

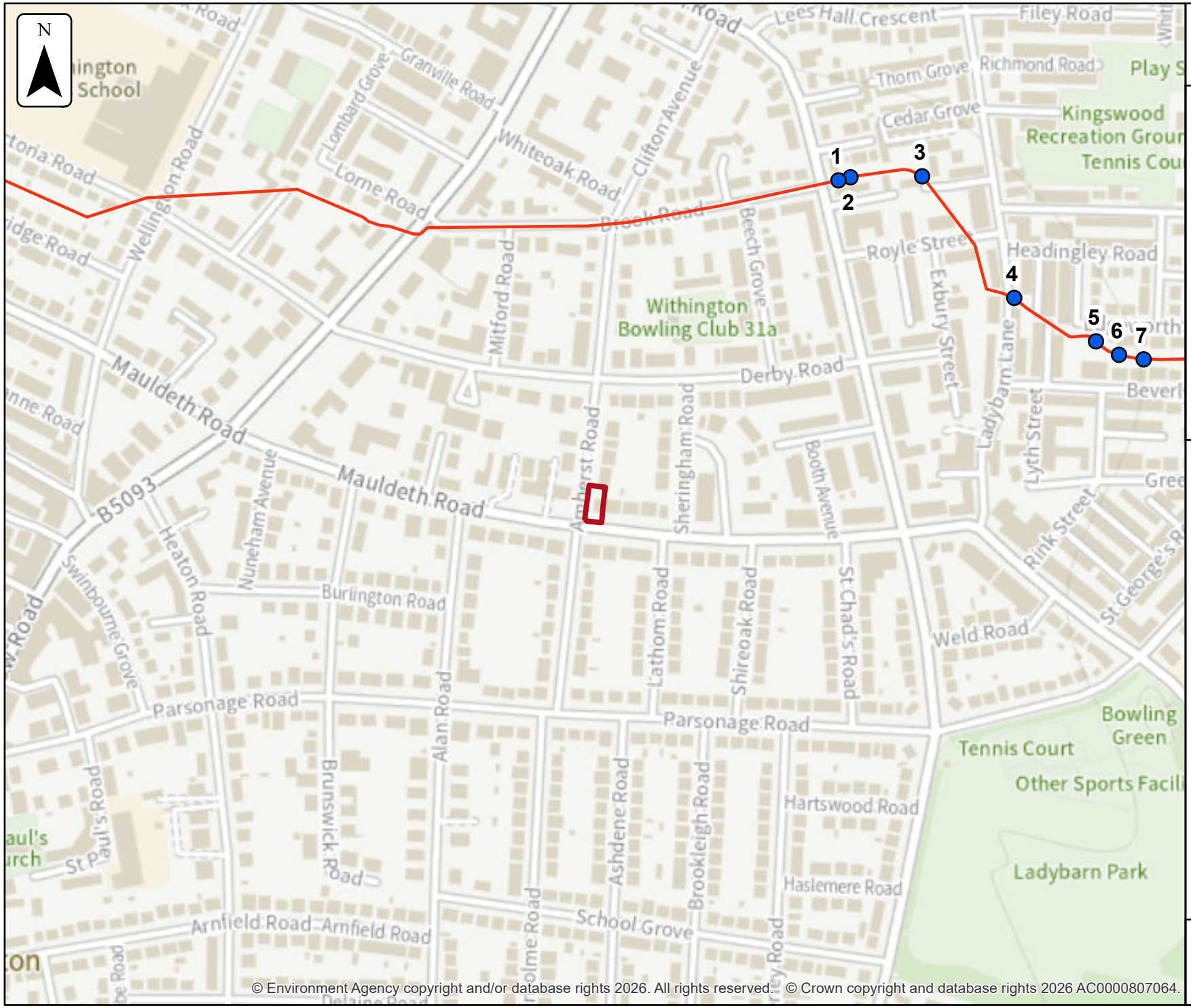
Label	Modelled location ID	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
				Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level
1	1440137	385748	393534	37.83	38.02	38.43	38.45	38.45	38.46	38.47	38.47	38.47	38.48	38.56
2	1440074	385760	393537	37.84	38.03	38.44	38.45	38.46	38.46	38.47	38.47	38.47	38.48	38.56
3	1440084	385830	393538	37.88	38.09	38.52	38.53	38.54	38.54	38.55	38.55	38.56	38.56	38.64
4	1440079	385920	393420	38.45	38.77	39.31	39.33	39.34	39.34	39.35	39.35	39.36	39.37	39.43
5	1440131	385999	393377	39.27	39.41	39.73	39.76	39.77	39.78	39.80	39.81	39.81	39.83	39.89
6	1440066	386022	393364	39.31	39.43	39.70	39.73	39.74	39.75	39.76	39.77	39.77	39.78	39.87
7	1440092	386046	393360	39.47	39.57	39.73	39.78	39.79	39.80	39.83	39.85	39.86	39.89	40.08

Data in this table comes from the Cringle Black Brook 2017 model.
Level values are shown in mAOD, and flow values are shown in cubic metres per second.
Any blank cells show where a particular scenario has not been modelled for this location.

Defences removed

Label	Modelled location ID	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
				Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow
1	1440137	385748	393534	3.03	3.69	4.27	4.37	4.38	4.39	4.40	4.41	4.42	4.43	4.46
2	1440074	385760	393537	3.03	3.69	4.27	4.37	4.38	4.39	4.40	4.41	4.42	4.43	4.47
3	1440084	385830	393538	3.03	3.69	4.28	4.38	4.38	4.39	4.40	4.41	4.42	4.44	4.48
4	1440079	385920	393420	3.03	3.69	4.28	4.39	4.38	4.39	4.40	4.41	4.42	4.44	4.48
5	1440131	385999	393377	3.03	3.69	4.57	5.04	5.13	5.25	5.61	5.84	5.97	6.43	9.67
6	1440066	386022	393364	3.03	3.69	4.57	5.07	5.17	5.29	5.66	5.90	6.04	6.51	9.72
7	1440092	386046	393360	3.03	3.70	4.57	5.07	5.17	5.27	5.53	5.72	5.82	6.19	8.56

Data in this table comes from the Cringle Black Brook 2017 model.
Level values are shown in mAOD, and flow values are shown in cubic metres per second.
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Environment Agency

Defended climate change modelled fluvial node locations

Location (easting/northing)
385512/393219

Scale
1:5,000

Created
7 Jan 2026

Model name
Cringle Black Brook 2017

- Selected area
- Modelled location
- Main river

0 50 100 150 200 250
metres

Modelled node locations data

Defended climate change

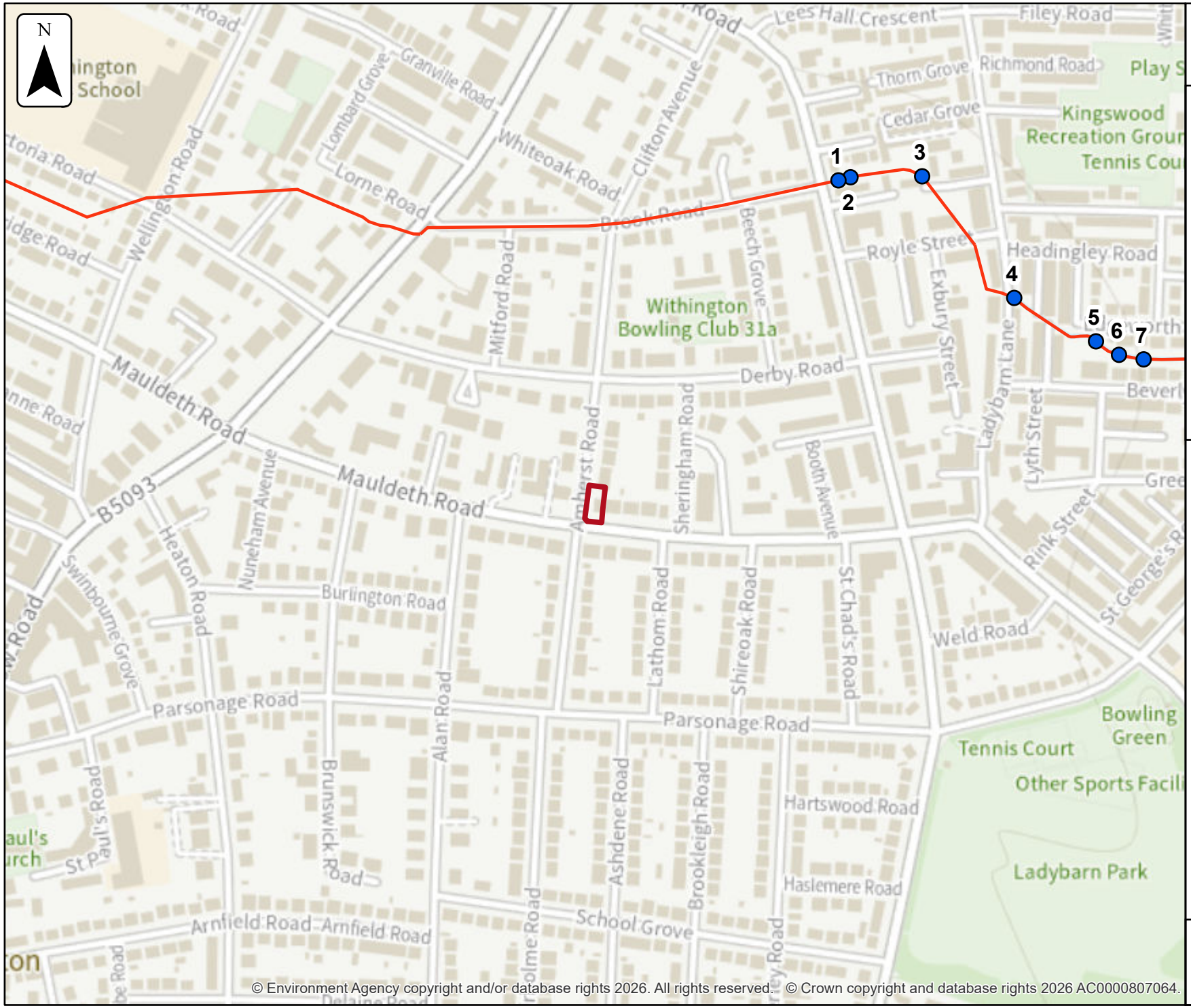
Label	Modelled location ID	Easting	Northing	1% AEP (+30%)	1% AEP (+35%)	1% AEP (+70%)	0.1% AEP (+30%)
				Level	Level	Level	Level
1	1440137	385748	393534	38.49	38.50	38.53	38.60
2	1440074	385760	393537	38.49	38.50	38.53	38.61
3	1440084	385830	393538	38.57	38.57	38.61	38.68
4	1440079	385920	393420	39.37	39.38	39.39	39.46
5	1440131	385999	393377	39.84	39.84	39.85	39.91
6	1440066	386022	393364	39.78	39.78	39.80	39.91
7	1440092	386046	393360	39.91	39.91	39.95	40.16

Data in this table comes from the Cringle Black Brook 2017 model.
Level values are shown in mAOD, and flow values are shown in cubic metres per second.
Any blank cells show where a particular scenario has not been modelled for this location.

Defended climate change

Label	Modelled location ID	Easting	Northing	1% AEP (+30%)	1% AEP (+35%)	1% AEP (+70%)	0.1% AEP (+30%)
				Flow	Flow	Flow	Flow
1	1440137	385748	393534	4.43	4.44	4.44	4.49
2	1440074	385760	393537	4.43	4.44	4.45	4.49
3	1440084	385830	393538	4.44	4.44	4.45	4.50
4	1440079	385920	393420	4.44	4.44	4.49	4.50
5	1440131	385999	393377	6.70	6.80	7.65	10.93
6	1440066	386022	393364	6.78	6.88	7.74	10.79
7	1440092	386046	393360	6.42	6.52	7.26	9.24

Data in this table comes from the Cringle Black Brook 2017 model.
Level values are shown in mAOD, and flow values are shown in cubic metres per second.
Any blank cells show where a particular scenario has not been modelled for this location.


N
Environment Agency
Defences removed climate change modelled fluvial node locations
Location (easting/northing)
385512/393219
Scale
1:5,000
Created
7 Jan 2026
Model name
Cringle Black Brook 2017
Selected area
Modelled location
Main river
0 50 100 150 200 250
metres
1
2
3
4
5
6
7
Withington Bowling Club 31a
Mauldeth Road
Derby Road
Parsonage Road
Burlington Road
Arnfield Road
School Grove
Hartswood Road
Haslemere Road
Weld Road
Tennis Court
Bowling Green
Ladybarn Park
Kingswood
Headingley Road
Royle Street
Exbury Street
Ladybarn Lane
Lyth Street
Rink Street
Thorn Grove
Richmond Road
Cedar Grove
Lees Hall Crescent
Filey Road
Whiteoak Road
Brook Road
Clifton Avenue
Granville Road
Lorne Road
Lombard Grove
Mitford Road
Beech Grove
Amherst Road
Sheringham Road
Booth Avenue
Lathom Road
Shireoak Road
St Chad's Road
Alan Road
Brunswick Road
Ashdene Road
Brookleigh Road
Heaton Road
Nuneham Avenue
Swinbourne Grove
B5093
St Paul's Road
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Modelled node locations data

Defences removed climate change

Label	Modelled location ID	Easting	Northing	1% AEP (+30%)	1% AEP (+35%)	1% AEP (+70%)	0.1% AEP (+30%)
				Level	Level	Level	Level
1	1440137	385748	393534	38.49	38.50	38.53	38.60
2	1440074	385760	393537	38.49	38.50	38.53	38.61
3	1440084	385830	393538	38.57	38.57	38.61	38.68
4	1440079	385920	393420	39.37	39.38	39.39	39.46
5	1440131	385999	393377	39.84	39.84	39.85	39.91
6	1440066	386022	393364	39.78	39.78	39.80	39.91
7	1440092	386046	393360	39.91	39.91	39.95	40.16

Data in this table comes from the Cringle Black Brook 2017 model.
Level values are shown in mAOD, and flow values are shown in cubic metres per second.
Any blank cells show where a particular scenario has not been modelled for this location.

Defences removed climate change

Label	Modelled location ID	Easting	Northing	1% AEP (+30%)	1% AEP (+35%)	1% AEP (+70%)	0.1% AEP (+30%)
				Flow	Flow	Flow	Flow
1	1440137	385748	393534	4.43	4.44	4.44	4.49
2	1440074	385760	393537	4.43	4.44	4.45	4.49
3	1440084	385830	393538	4.44	4.44	4.45	4.50
4	1440079	385920	393420	4.44	4.44	4.49	4.50
5	1440131	385999	393377	6.70	6.80	7.65	10.93
6	1440066	386022	393364	6.78	6.88	7.74	10.79
7	1440092	386046	393360	6.42	6.52	7.26	9.24

Data in this table comes from the Cringle Black Brook 2017 model.
Level values are shown in mAOD, and flow values are shown in cubic metres per second.
Any blank cells show where a particular scenario has not been modelled for this location.



Environment Agency

Defended modelled fluvial extent and height

Location (easting/northing)
385512/393219

Scale
1:500

Created
7 Jan 2026

Model name
Cringle Black Brook 2017

Selected area

Main river

Modelled 2D grid
Water level in mAOD

- 0 - 4.75
- 4.75 - 9.5
- 9.5 - 14.25
- 14.25 - 19.0
- 19.0 - 23.75
- 23.75 - 28.5
- 28.5 - 33.25
- 33.25 - 38.0
- 38.0 - 42.75

This map shows the 0.1% AEP height data

0 5 10 15 20
metres

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Sample point data

Defended

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Height	Height	Height	Height	Height	Height	Height	Height	Height	Height	Height
1	385503	393195	NoData	NoData	37.00	37.06	37.07	37.08	37.09	37.10	37.11	37.12	37.19
2	385511	393195	NoData	NoData	37.03	37.07	37.09	37.10	37.11	37.12	37.13	37.15	37.22
3	385519	393195	NoData	NoData	37.05	37.11	37.12	37.13	37.15	37.16	37.16	37.18	37.25
4	385495	393203	NoData	NoData	36.96	37.01	37.02	37.03	37.05	37.06	37.06	37.07	37.12
5	385503	393203	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	37.10	37.13
6	385511	393203	NoData	NoData	NoData	NoData	37.15	37.15	37.15	37.16	37.16	37.16	37.23
7	385519	393203	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	37.18	37.24
8	385527	393203	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	37.29
9	385495	393211	NoData	NoData	36.96	37.02	37.03	37.04	37.05	37.06	37.06	37.07	37.12
10	385503	393211	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11	385511	393211	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	37.19	37.19	37.24
12	385519	393211	NoData	NoData	NoData	37.15	37.17	37.18	37.19	37.19	37.19	37.20	37.24

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Height	Height	Height	Height	Height	Height	Height	Height	Height	Height	Height
13	385527	393211	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14	385495	393219	NoData	NoData	36.95	37.02	37.03	37.04	37.05	37.06	37.06	37.07	37.12
15	385503	393219	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
16	385511	393219	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
17	385519	393219	NoData	NoData	NoData	37.17	37.19	37.19	37.20	37.21	37.21	37.22	37.27
18	385527	393219	NoData	NoData	NoData	NoData	37.19	37.20	37.21	37.21	37.22	37.23	37.29
19	385495	393227	NoData	NoData	36.95	37.02	37.03	37.04	37.05	37.06	37.06	37.07	37.12
20	385503	393227	NoData	NoData	NoData	NoData	37.03	37.04	37.05	37.06	37.06	37.07	37.12
21	385511	393227	NoData	NoData	NoData	37.16	37.17	37.18	37.19	37.20	37.20	37.20	37.24
22	385519	393227	NoData	NoData	NoData	37.17	37.18	37.19	37.20	37.21	37.21	37.22	37.26
23	385527	393227	NoData	NoData	NoData	37.17	37.19	37.20	37.21	37.21	37.22	37.23	37.28
24	385495	393235	NoData	NoData	36.95	37.01	37.03	37.04	37.05	37.06	37.06	37.07	37.12

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Height	Height	Height	Height	Height	Height	Height	Height	Height	Height	Height
25	385503	393235	NoData	NoData	36.96	37.02	37.03	37.04	37.05	37.06	37.06	37.07	37.12
26	385511	393235	NoData	NoData	NoData	37.12	37.12	37.13	37.13	37.14	37.14	37.15	37.17
27	385519	393235	NoData	NoData	NoData	37.17	37.19	37.19	37.21	37.21	37.22	37.22	37.28
28	385527	393235	NoData	NoData	NoData	37.17	37.19	37.20	37.21	37.21	37.22	37.23	37.28
29	385503	393243	NoData	NoData	36.96	37.02	37.03	37.04	37.05	37.06	37.06	37.07	37.13
30	385511	393243	NoData	NoData	NoData	NoData	NoData	NoData	NoData	37.19	37.19	37.19	37.20
31	385519	393243	NoData	NoData	NoData	37.17	37.19	37.19	37.21	37.21	37.22	37.22	37.28
32	385527	393243	NoData	NoData	NoData	37.17	37.19	37.20	37.21	37.21	37.22	37.23	37.28
Max value in selected area:			Not Calculated	Not Calculated	Not Calculated	37.17	37.19	37.19	37.21	37.21	37.22	37.23	37.28

Data in this table comes from the Cringle Black Brook 2017 model. Height values are shown in mAOD, and depth values are shown in metres.
Any blank cells show where a particular scenario has not been modelled for this location.
Cells which contain text 'NoData' for a scenario show that return period has been modelled but there is no flood risk for that return period for that location.
'Max value in selected area' is the deepest depth or highest height at any location within your drawn boundary.

Defended

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth
1	385503	393195	NoData	NoData	0.00	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.18
2	385511	393195	NoData	NoData	0.01	0.05	0.06	0.07	0.09	0.10	0.10	0.12	0.19
3	385519	393195	NoData	NoData	0.04	0.09	0.10	0.12	0.13	0.14	0.15	0.17	0.23
4	385495	393203	NoData	NoData	0.02	0.07	0.08	0.09	0.11	0.12	0.12	0.13	0.18
5	385503	393203	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.01	0.02
6	385511	393203	NoData	NoData	NoData	NoData	0.00	0.00	0.01	0.01	0.01	0.01	0.07
7	385519	393203	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.00	0.04
8	385527	393203	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.04
9	385495	393211	NoData	NoData	0.00	0.06	0.08	0.09	0.10	0.11	0.11	0.12	0.17
10	385503	393211	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11	385511	393211	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.01	0.02	0.06
12	385519	393211	NoData	NoData	NoData	0.01	0.03	0.03	0.04	0.05	0.05	0.05	0.10

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth
13	385527	393211	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14	385495	393219	NoData	NoData	0.01	0.06	0.07	0.08	0.09	0.10	0.10	0.11	0.16
15	385503	393219	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
16	385511	393219	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
17	385519	393219	NoData	NoData	NoData	0.04	0.05	0.06	0.07	0.08	0.08	0.09	0.14
18	385527	393219	NoData	NoData	NoData	NoData	0.04	0.05	0.06	0.06	0.07	0.08	0.14
19	385495	393227	NoData	NoData	0.08	0.14	0.15	0.16	0.18	0.19	0.19	0.20	0.25
20	385503	393227	NoData	NoData	NoData	NoData	0.00	0.01	0.02	0.02	0.02	0.03	0.07
21	385511	393227	NoData	NoData	NoData	0.07	0.08	0.09	0.10	0.10	0.11	0.11	0.15
22	385519	393227	NoData	NoData	NoData	0.12	0.13	0.13	0.14	0.15	0.15	0.16	0.20
23	385527	393227	NoData	NoData	NoData	0.15	0.16	0.17	0.18	0.18	0.19	0.20	0.25
24	385495	393235	NoData	NoData	0.06	0.12	0.13	0.14	0.15	0.16	0.17	0.17	0.23

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth
25	385503	393235	NoData	NoData	0.04	0.10	0.11	0.12	0.14	0.14	0.15	0.16	0.21
26	385511	393235	NoData	NoData	NoData	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.07
27	385519	393235	NoData	NoData	NoData	0.10	0.11	0.12	0.13	0.13	0.14	0.15	0.20
28	385527	393235	NoData	NoData	NoData	0.25	0.26	0.27	0.28	0.29	0.29	0.30	0.36
29	385503	393243	NoData	NoData	0.02	0.08	0.09	0.10	0.12	0.13	0.13	0.14	0.19
30	385511	393243	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.00	0.00	0.00	0.01
31	385519	393243	NoData	NoData	NoData	0.05	0.06	0.07	0.08	0.08	0.09	0.10	0.15
32	385527	393243	NoData	NoData	NoData	0.06	0.07	0.08	0.09	0.09	0.10	0.11	0.16
Max value in selected area:			Not Calculated	Not Calculated	Not Calculated	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.24

Data in this table comes from the Cringle Black Brook 2017 model. Height values are shown in mAOD, and depth values are shown in metres.
Any blank cells show where a particular scenario has not been modelled for this location.
Cells which contain text 'NoData' for a scenario show that return period has been modelled but there is no flood risk for that return period for that location.
'Max value in selected area' is the deepest depth or highest height at any location within your drawn boundary.



Environment Agency

Defences removed modelled fluvial extent and height

Location (easting/northing)
385512/393219

Scale
1:500

Created
7 Jan 2026

Model name
Cringle Black Brook 2017

Selected area

Main river

Modelled 2D grid
Water level in mAOD

- 0 - 4.75
- 4.75 - 9.5
- 9.5 - 14.25
- 14.25 - 19.0
- 19.0 - 23.75
- 23.75 - 28.5
- 28.5 - 33.25
- 33.25 - 38.0
- 38.0 - 42.75

This map shows the 0.1% AEP height data

0 5 10 15 20
metres

Sample point data

Defences removed

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Height	Height	Height	Height	Height	Height	Height	Height	Height	Height	Height
1	385503	393195	NoData	NoData	37.02	37.08	37.08	37.09	37.10	37.11	37.11	37.13	37.19
2	385511	393195	NoData	NoData	37.04	37.10	37.10	37.11	37.12	37.13	37.13	37.15	37.22
3	385519	393195	NoData	NoData	37.07	37.13	37.14	37.14	37.16	37.17	37.17	37.19	37.25
4	385495	393203	NoData	NoData	36.98	37.03	37.04	37.04	37.05	37.06	37.06	37.08	37.12
5	385503	393203	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	37.10	37.13
6	385511	393203	NoData	NoData	NoData	37.15	37.15	37.15	37.16	37.16	37.16	37.17	37.23
7	385519	393203	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	37.19	37.24
8	385527	393203	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	37.29
9	385495	393211	NoData	NoData	36.98	37.03	37.04	37.05	37.06	37.06	37.07	37.08	37.12
10	385503	393211	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11	385511	393211	NoData	NoData	NoData	NoData	NoData	NoData	NoData	37.19	37.19	37.20	37.24
12	385519	393211	NoData	NoData	NoData	37.18	37.18	37.18	37.19	37.19	37.19	37.20	37.25

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Height	Height	Height	Height	Height	Height	Height	Height	Height	Height	Height
13	385527	393211	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14	385495	393219	NoData	NoData	36.98	37.03	37.04	37.05	37.06	37.06	37.07	37.08	37.12
15	385503	393219	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
16	385511	393219	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
17	385519	393219	NoData	NoData	NoData	37.19	37.20	37.20	37.21	37.22	37.22	37.23	37.27
18	385527	393219	NoData	NoData	NoData	37.19	37.20	37.21	37.21	37.22	37.22	37.23	37.29
19	385495	393227	NoData	NoData	36.98	37.03	37.04	37.05	37.06	37.06	37.07	37.08	37.12
20	385503	393227	NoData	NoData	NoData	37.03	37.04	37.05	37.06	37.06	37.07	37.08	37.12
21	385511	393227	NoData	NoData	NoData	37.18	37.19	37.19	37.19	37.20	37.20	37.21	37.24
22	385519	393227	NoData	NoData	37.09	37.19	37.20	37.20	37.21	37.21	37.21	37.22	37.26
23	385527	393227	NoData	NoData	37.09	37.19	37.20	37.21	37.21	37.22	37.22	37.23	37.28
24	385495	393235	NoData	NoData	36.98	37.03	37.04	37.05	37.06	37.06	37.07	37.08	37.12

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Height	Height	Height	Height	Height	Height	Height	Height	Height	Height	Height
25	385503	393235	NoData	NoData	36.98	37.03	37.04	37.05	37.06	37.06	37.07	37.08	37.12
26	385511	393235	NoData	NoData	NoData	37.13	37.13	37.13	37.14	37.14	37.14	37.15	37.18
27	385519	393235	NoData	NoData	37.09	37.19	37.20	37.20	37.21	37.22	37.22	37.23	37.28
28	385527	393235	NoData	NoData	37.09	37.19	37.20	37.21	37.21	37.22	37.22	37.23	37.28
29	385503	393243	NoData	NoData	36.98	37.03	37.04	37.05	37.06	37.06	37.07	37.08	37.12
30	385511	393243	NoData	NoData	NoData	NoData	NoData	NoData	37.19	37.19	37.19	37.20	37.20
31	385519	393243	NoData	NoData	NoData	37.19	37.20	37.20	37.21	37.22	37.22	37.23	37.28
32	385527	393243	NoData	NoData	NoData	37.19	37.20	37.21	37.21	37.22	37.22	37.23	37.28
Max value in selected area:			Not Calculated	Not Calculated	37.09	37.19	37.20	37.20	37.21	37.22	37.22	37.23	37.28

Data in this table comes from the Cringle Black Brook 2017 model. Height values are shown in mAOD, and depth values are shown in metres.
Any blank cells show where a particular scenario has not been modelled for this location.
Cells which contain text 'NoData' for a scenario show that return period has been modelled but there is no flood risk for that return period for that location.
'Max value in selected area' is the deepest depth or highest height at any location within your drawn boundary.

Defences removed

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth
1	385503	393195	NoData	NoData	0.02	0.08	0.08	0.09	0.10	0.11	0.11	0.13	0.19
2	385511	393195	NoData	NoData	0.01	0.07	0.08	0.09	0.10	0.11	0.11	0.13	0.19
3	385519	393195	NoData	NoData	0.05	0.11	0.12	0.13	0.14	0.15	0.15	0.17	0.23
4	385495	393203	NoData	NoData	0.04	0.09	0.10	0.10	0.12	0.12	0.12	0.14	0.18
5	385503	393203	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.01	0.02
6	385511	393203	NoData	NoData	NoData	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.07
7	385519	393203	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.00	0.04
8	385527	393203	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.05
9	385495	393211	NoData	NoData	0.03	0.08	0.09	0.10	0.11	0.11	0.12	0.13	0.17
10	385503	393211	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11	385511	393211	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.01	0.01	0.02	0.06
12	385519	393211	NoData	NoData	NoData	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.10

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth
13	385527	393211	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14	385495	393219	NoData	NoData	0.02	0.08	0.08	0.09	0.10	0.10	0.11	0.12	0.16
15	385503	393219	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
16	385511	393219	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
17	385519	393219	NoData	NoData	NoData	0.06	0.06	0.07	0.08	0.08	0.08	0.09	0.14
18	385527	393219	NoData	NoData	NoData	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.14
19	385495	393227	NoData	NoData	0.10	0.16	0.17	0.17	0.18	0.19	0.19	0.20	0.25
20	385503	393227	NoData	NoData	NoData	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.07
21	385511	393227	NoData	NoData	NoData	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.15
22	385519	393227	NoData	NoData	0.03	0.13	0.14	0.14	0.15	0.15	0.15	0.16	0.21
23	385527	393227	NoData	NoData	0.06	0.16	0.17	0.18	0.18	0.19	0.19	0.20	0.26
24	385495	393235	NoData	NoData	0.08	0.14	0.14	0.15	0.16	0.17	0.17	0.18	0.22

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	4% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth
25	385503	393235	NoData	NoData	0.06	0.12	0.13	0.13	0.14	0.15	0.15	0.16	0.21
26	385511	393235	NoData	NoData	NoData	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.07
27	385519	393235	NoData	NoData	0.01	0.11	0.12	0.13	0.13	0.14	0.14	0.15	0.20
28	385527	393235	NoData	NoData	0.17	0.27	0.28	0.28	0.29	0.29	0.30	0.31	0.36
29	385503	393243	NoData	NoData	0.05	0.10	0.11	0.11	0.12	0.13	0.13	0.14	0.19
30	385511	393243	NoData	NoData	NoData	NoData	NoData	NoData	0.00	0.00	0.00	0.00	0.01
31	385519	393243	NoData	NoData	NoData	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.15
32	385527	393243	NoData	NoData	NoData	0.07	0.08	0.09	0.09	0.10	0.10	0.11	0.17
Max value in selected area:			Not Calculated	Not Calculated	0.07	0.17	0.17	0.18	0.19	0.19	0.19	0.20	0.24

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Environment Agency

Defended climate change modelled fluvial extent and height

Location (easting/northing)
385512/393219

Scale
1:500

Created
7 Jan 2026

Model name
Cringle Black Brook 2017

Selected area

Main river

Modelled 2D grid
Water level in mAOD

- 0 - 4.75
- 4.75 - 9.5
- 9.5 - 14.25
- 14.25 - 19.0
- 19.0 - 23.75
- 23.75 - 28.5
- 28.5 - 33.25
- 33.25 - 38.0
- 38.0 - 42.75

This map shows the 0.1% AEP +30% height data

0 5 10 15 20
metres

Sample point data

Defended climate change

Label	Easting	Northing	1% AEP (+30%)	1% AEP (+35%)	1% AEP (+70%)	0.1% AEP (+30%)
			Height	Height	Height	Height
1	385503	393195	37.13	37.14	37.15	37.21
2	385511	393195	37.16	37.16	37.18	37.25
3	385519	393195	37.19	37.20	37.22	37.28
4	385495	393203	37.08	37.08	37.09	37.15
5	385503	393203	37.10	37.11	37.11	37.17
6	385511	393203	37.18	37.18	37.20	37.26
7	385519	393203	37.19	37.19	37.21	37.27
8	385527	393203	37.24	37.25	37.26	37.32
9	385495	393211	37.08	37.08	37.09	37.15
10	385503	393211	NoData	NoData	NoData	NoData
11	385511	393211	37.20	37.20	37.21	37.27
12	385519	393211	37.20	37.21	37.22	37.28

Label	Easting	Northing	1% AEP (+30%)	1% AEP (+35%)	1% AEP (+70%)	0.1% AEP (+30%)
			Height	Height	Height	Height
13	385527	393211	NoData	NoData	NoData	NoData
14	385495	393219	37.08	37.08	37.09	37.15
15	385503	393219	NoData	NoData	NoData	NoData
16	385511	393219	NoData	NoData	NoData	37.27
17	385519	393219	37.23	37.23	37.24	37.30
18	385527	393219	37.24	37.24	37.25	37.33
19	385495	393227	37.08	37.08	37.09	37.15
20	385503	393227	37.08	37.08	37.10	37.15
21	385511	393227	37.21	37.21	37.22	37.27
22	385519	393227	37.22	37.22	37.24	37.29
23	385527	393227	37.23	37.24	37.25	37.32
24	385495	393235	37.08	37.08	37.09	37.15

Label	Easting	Northing	1% AEP (+30%)	1% AEP (+35%)	1% AEP (+70%)	0.1% AEP (+30%)
			Height	Height	Height	Height
25	385503	393235	37.08	37.08	37.09	37.15
26	385511	393235	37.15	37.15	37.16	37.20
27	385519	393235	37.23	37.23	37.25	37.32
28	385527	393235	37.23	37.24	37.25	37.32
29	385503	393243	37.08	37.08	37.09	37.16
30	385511	393243	37.20	37.20	37.20	37.21
31	385519	393243	37.23	37.23	37.24	37.31
32	385527	393243	37.23	37.24	37.25	37.33
Max value in selected area:			37.23	37.24	37.25	37.32

Data in this table comes from the Cringle Black Brook 2017 model. Height values are shown in mAOD, and depth values are shown in metres.
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'Max value in selected area' is the deepest depth or highest height at any location within your drawn boundary.

Defended climate change

Label	Easting	Northing	1% AEP (+30%)	1% AEP (+35%)	1% AEP (+70%)	0.1% AEP (+30%)
			Depth	Depth	Depth	Depth
1	385503	393195	0.14	0.14	0.15	0.21
2	385511	393195	0.13	0.14	0.15	0.22
3	385519	393195	0.18	0.18	0.20	0.27
4	385495	393203	0.14	0.14	0.15	0.21
5	385503	393203	0.01	0.01	0.01	0.04
6	385511	393203	0.02	0.02	0.04	0.10
7	385519	393203	0.00	0.01	0.01	0.07
8	385527	393203	0.00	0.00	0.01	0.07
9	385495	393211	0.13	0.13	0.14	0.20
10	385503	393211	NoData	NoData	NoData	NoData
11	385511	393211	0.02	0.02	0.03	0.09
12	385519	393211	0.06	0.06	0.07	0.13

Label	Easting	Northing	1% AEP (+30%)	1% AEP (+35%)	1% AEP (+70%)	0.1% AEP (+30%)
			Depth	Depth	Depth	Depth
13	385527	393211	NoData	NoData	NoData	NoData
14	385495	393219	0.12	0.12	0.13	0.19
15	385503	393219	NoData	NoData	NoData	NoData
16	385511	393219	NoData	NoData	NoData	0.02
17	385519	393219	0.09	0.09	0.11	0.17
18	385527	393219	0.09	0.09	0.10	0.17
19	385495	393227	0.21	0.21	0.22	0.28
20	385503	393227	0.03	0.03	0.05	0.10
21	385511	393227	0.12	0.12	0.13	0.18
22	385519	393227	0.17	0.17	0.18	0.24
23	385527	393227	0.20	0.21	0.22	0.29
24	385495	393235	0.18	0.18	0.20	0.26

Label	Easting	Northing	1% AEP (+30%)	1% AEP (+35%)	1% AEP (+70%)	0.1% AEP (+30%)
			Depth	Depth	Depth	Depth
25	385503	393235	0.17	0.17	0.18	0.24
26	385511	393235	0.05	0.05	0.05	0.09
27	385519	393235	0.15	0.16	0.17	0.24
28	385527	393235	0.31	0.31	0.32	0.40
29	385503	393243	0.15	0.15	0.16	0.23
30	385511	393243	0.00	0.00	0.01	0.01
31	385519	393243	0.10	0.10	0.12	0.18
32	385527	393243	0.11	0.12	0.13	0.20
Max value in selected area:			0.20	0.20	0.21	0.27

Data in this table comes from the Cringle Black Brook 2017 model. Height values are shown in mAOD, and depth values are shown in metres.
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'Max value in selected area' is the deepest depth or highest height at any location within your drawn boundary.



Environment Agency

Defences removed climate change modelled fluvial extent and height

Location (easting/northing)
385512/393219

Scale
1:500

Created
7 Jan 2026

Model name
Cringle Black Brook 2017

Selected area

Main river

Modelled 2D grid
Water level in mAOD

- 0 - 4.75
- 4.75 - 9.5
- 9.5 - 14.25
- 14.25 - 19.0
- 19.0 - 23.75
- 23.75 - 28.5
- 28.5 - 33.25
- 33.25 - 38.0
- 38.0 - 42.75

This map shows the 0.1% AEP +30% height data

0 5 10 15 20
metres

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Sample point data

Defences removed climate change

Label	Easting	Northing	1% AEP (+30%)	1% AEP (+35%)	1% AEP (+70%)	0.1% AEP (+30%)
			Height	Height	Height	Height
1	385503	393195	37.14	37.14	37.16	37.22
2	385511	393195	37.17	37.17	37.18	37.25
3	385519	393195	37.20	37.20	37.22	37.28
4	385495	393203	37.08	37.08	37.10	37.15
5	385503	393203	37.11	37.11	37.11	37.17
6	385511	393203	37.18	37.19	37.20	37.26
7	385519	393203	37.19	37.20	37.21	37.27
8	385527	393203	37.25	37.25	37.26	37.32
9	385495	393211	37.08	37.09	37.10	37.15
10	385503	393211	NoData	NoData	NoData	NoData
11	385511	393211	37.20	37.20	37.21	37.27
12	385519	393211	37.21	37.21	37.22	37.28

Label	Easting	Northing	1% AEP (+30%)	1% AEP (+35%)	1% AEP (+70%)	0.1% AEP (+30%)
			Height	Height	Height	Height
13	385527	393211	NoData	NoData	NoData	NoData
14	385495	393219	37.08	37.09	37.10	37.15
15	385503	393219	NoData	NoData	NoData	NoData
16	385511	393219	NoData	NoData	NoData	37.27
17	385519	393219	37.23	37.23	37.24	37.30
18	385527	393219	37.24	37.24	37.26	37.33
19	385495	393227	37.08	37.08	37.10	37.15
20	385503	393227	37.08	37.08	37.10	37.15
21	385511	393227	37.21	37.21	37.22	37.27
22	385519	393227	37.23	37.23	37.24	37.29
23	385527	393227	37.24	37.24	37.25	37.32
24	385495	393235	37.08	37.08	37.10	37.15

Label	Easting	Northing	1% AEP (+30%)	1% AEP (+35%)	1% AEP (+70%)	0.1% AEP (+30%)
			Height	Height	Height	Height
25	385503	393235	37.08	37.08	37.10	37.15
26	385511	393235	37.15	37.15	37.16	37.20
27	385519	393235	37.24	37.24	37.25	37.32
28	385527	393235	37.24	37.24	37.25	37.32
29	385503	393243	37.08	37.08	37.10	37.16
30	385511	393243	37.20	37.20	37.20	37.21
31	385519	393243	37.24	37.24	37.25	37.31
32	385527	393243	37.24	37.24	37.25	37.33
Max value in selected area:			37.24	37.24	37.25	37.32

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Defences removed climate change

Label	Easting	Northing	1% AEP (+30%)	1% AEP (+35%)	1% AEP (+70%)	0.1% AEP (+30%)
			Depth	Depth	Depth	Depth
1	385503	393195	0.14	0.14	0.16	0.22
2	385511	393195	0.14	0.14	0.16	0.23
3	385519	393195	0.18	0.19	0.20	0.27
4	385495	393203	0.14	0.14	0.15	0.21
5	385503	393203	0.01	0.01	0.01	0.04
6	385511	393203	0.03	0.03	0.04	0.11
7	385519	393203	0.01	0.01	0.02	0.07
8	385527	393203	0.00	0.00	0.01	0.08
9	385495	393211	0.13	0.14	0.14	0.20
10	385503	393211	NoData	NoData	NoData	NoData
11	385511	393211	0.03	0.03	0.04	0.09
12	385519	393211	0.06	0.06	0.07	0.14

Label	Easting	Northing	1% AEP (+30%)	1% AEP (+35%)	1% AEP (+70%)	0.1% AEP (+30%)
			Depth	Depth	Depth	Depth
13	385527	393211	NoData	NoData	NoData	NoData
14	385495	393219	0.12	0.13	0.14	0.19
15	385503	393219	NoData	NoData	NoData	NoData
16	385511	393219	NoData	NoData	NoData	0.03
17	385519	393219	0.10	0.10	0.11	0.17
18	385527	393219	0.09	0.09	0.10	0.17
19	385495	393227	0.21	0.21	0.22	0.28
20	385503	393227	0.03	0.03	0.05	0.10
21	385511	393227	0.12	0.12	0.13	0.18
22	385519	393227	0.17	0.17	0.18	0.24
23	385527	393227	0.21	0.21	0.22	0.29
24	385495	393235	0.18	0.19	0.20	0.25

Label	Easting	Northing	1% AEP (+30%)	1% AEP (+35%)	1% AEP (+70%)	0.1% AEP (+30%)
			Depth	Depth	Depth	Depth
25	385503	393235	0.17	0.17	0.18	0.24
26	385511	393235	0.05	0.05	0.06	0.09
27	385519	393235	0.16	0.16	0.17	0.24
28	385527	393235	0.31	0.32	0.33	0.40
29	385503	393243	0.15	0.15	0.16	0.22
30	385511	393243	0.01	0.01	0.01	0.02
31	385519	393243	0.11	0.11	0.12	0.18
32	385527	393243	0.12	0.12	0.13	0.20
Max value in selected area:			0.20	0.21	0.22	0.27

Data in this table comes from the Cringle Black Brook 2017 model. Height values are shown in mAOD, and depth values are shown in metres.
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Strategic flood risk assessments

We recommend that you check the relevant local authority's strategic flood risk assessment (SFRA) as part of your work to prepare a site specific flood risk assessment.

This should give you information about:

- the potential impacts of climate change in this catchment
- areas defined as functional floodplain
- flooding from other sources, such as surface water, ground water and reservoirs

Your Lead Local Flood Authority is Manchester District.

About this data

This data has been generated by strategic scale flood models and is not intended for use at the individual property scale. If you're intending to use this data as part of a flood risk assessment, please include an appropriate modelling tolerance as part of your assessment. The Environment Agency regularly updates its modelling. We recommend that you check the data provided is the most recent, before submitting your flood risk assessment.

Flood risk activity permits

Under the Environmental Permitting (England and Wales) Regulations 2016 some developments may require an environmental permit for flood risk activities from the Environment Agency. This includes any permanent or temporary works that are in, over, under, or nearby a designated main river or flood defence structure.

Find out more about flood risk activity permits

Help and advice

Contact the Greater Manchester Merseyside and Cheshire Environment Agency team at inforequests.gmmc@environment-agency.gov.uk for:

- more information about getting a product 5, 6, 7 or 8
- general help and advice about the site you're requesting data for