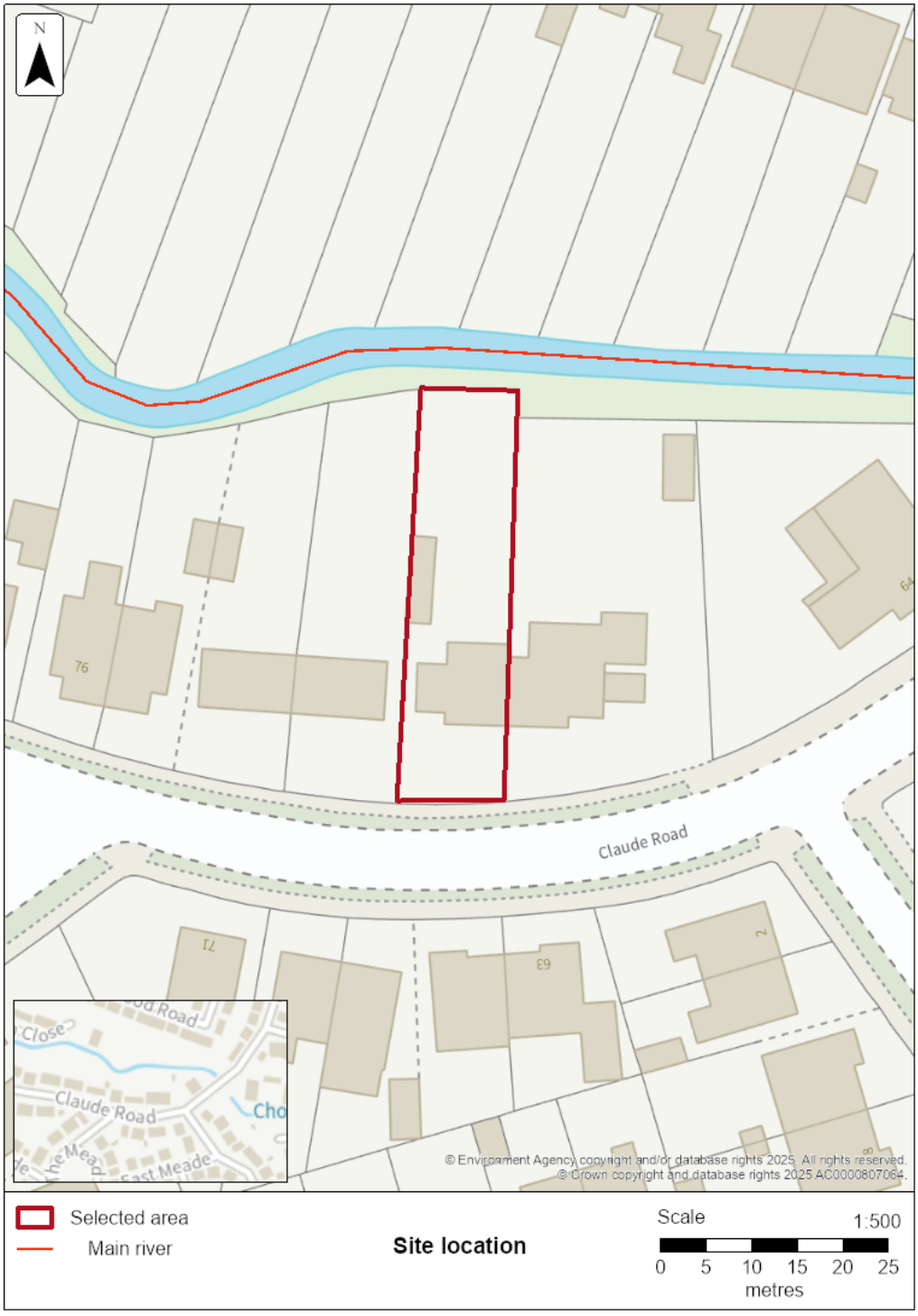
Flood risk assessment data

Location of site: 381631 / 393188 (shown as easting and northing coordinates)
Document created on: 8 April 2025
This information was previously known as a product 4.
Customer reference number: H7GB14BGGGN5

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: Chorlton Platt Gore 2024
Scenario(s): Defended fluvial, defences removed fluvial, defended climate change fluvial, defences removed climate change fluvial
Date: 15 April 2024

These models contain 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:

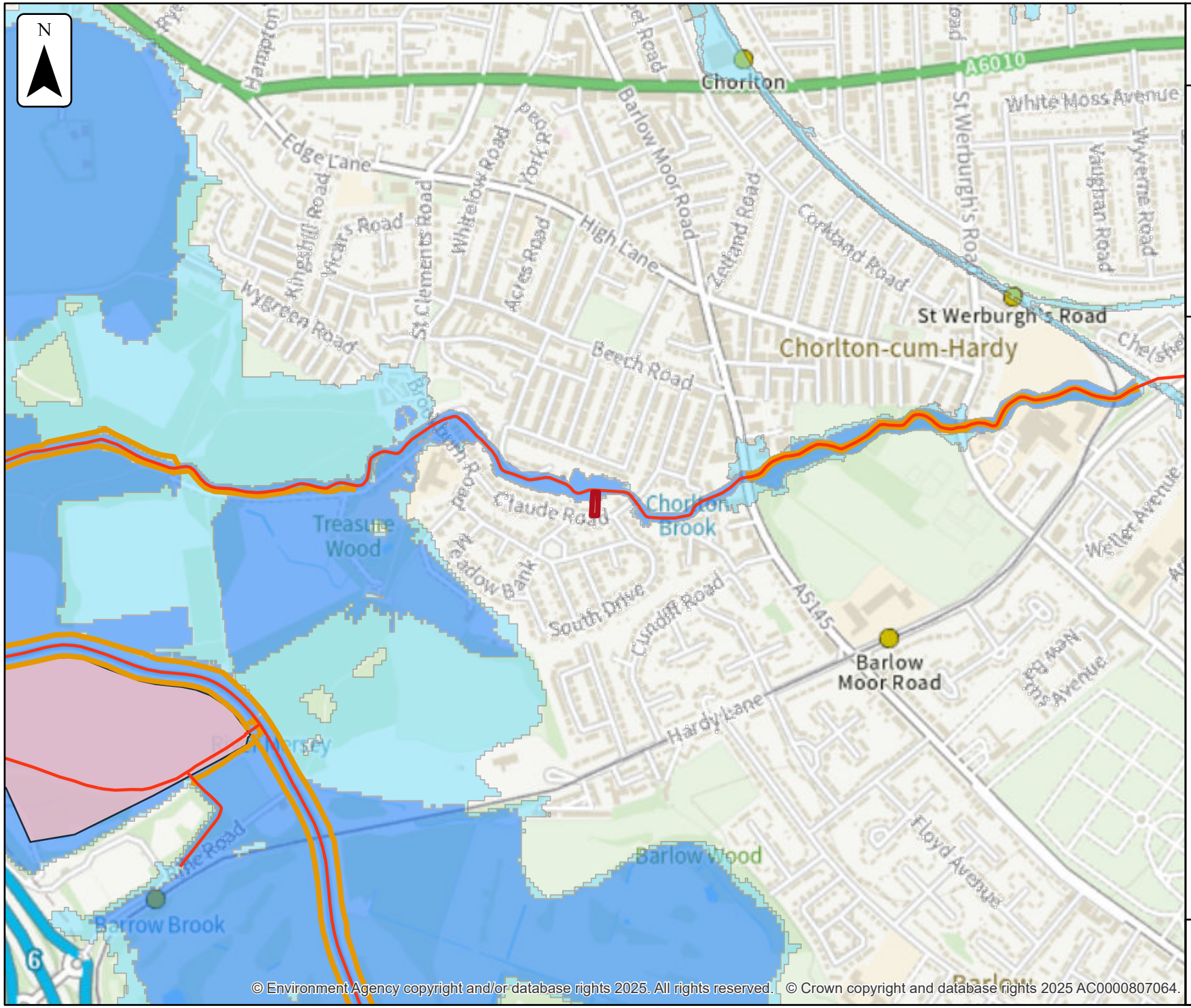
- 0.5% or greater probability of occurring in any year for flooding from the sea
- 1% or greater probability of occurring in any year for fluvial (river) flooding

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



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Environment Agency

Flood map for planning

Location (easting/northing)
381631/393188

Scale
1:10,000

Created
8 Apr 2025

Changes to flood defences

The defences (also known as assets) that were in place may also have changed. For example, assets may have been built more recently than the last recorded flood outline.

What the recorded flood outlines dataset is

The recorded flood outlines are a geographical information system (GIS) data layer that show our verified records of areas that have flooded in the past from:

- rivers
- the sea
- groundwater
- surface water

Download the complete recorded flood outlines dataset, which includes data quality flags for outlines recorded after April 2020. This indicates the confidence we have in an outline.

Get flood information from other organisations

Contact Manchester District Lead Local Flood Authority (LLFA) and your drainage board to get information about past flooding caused by surface water or drainage systems.

Flood defences and attributes

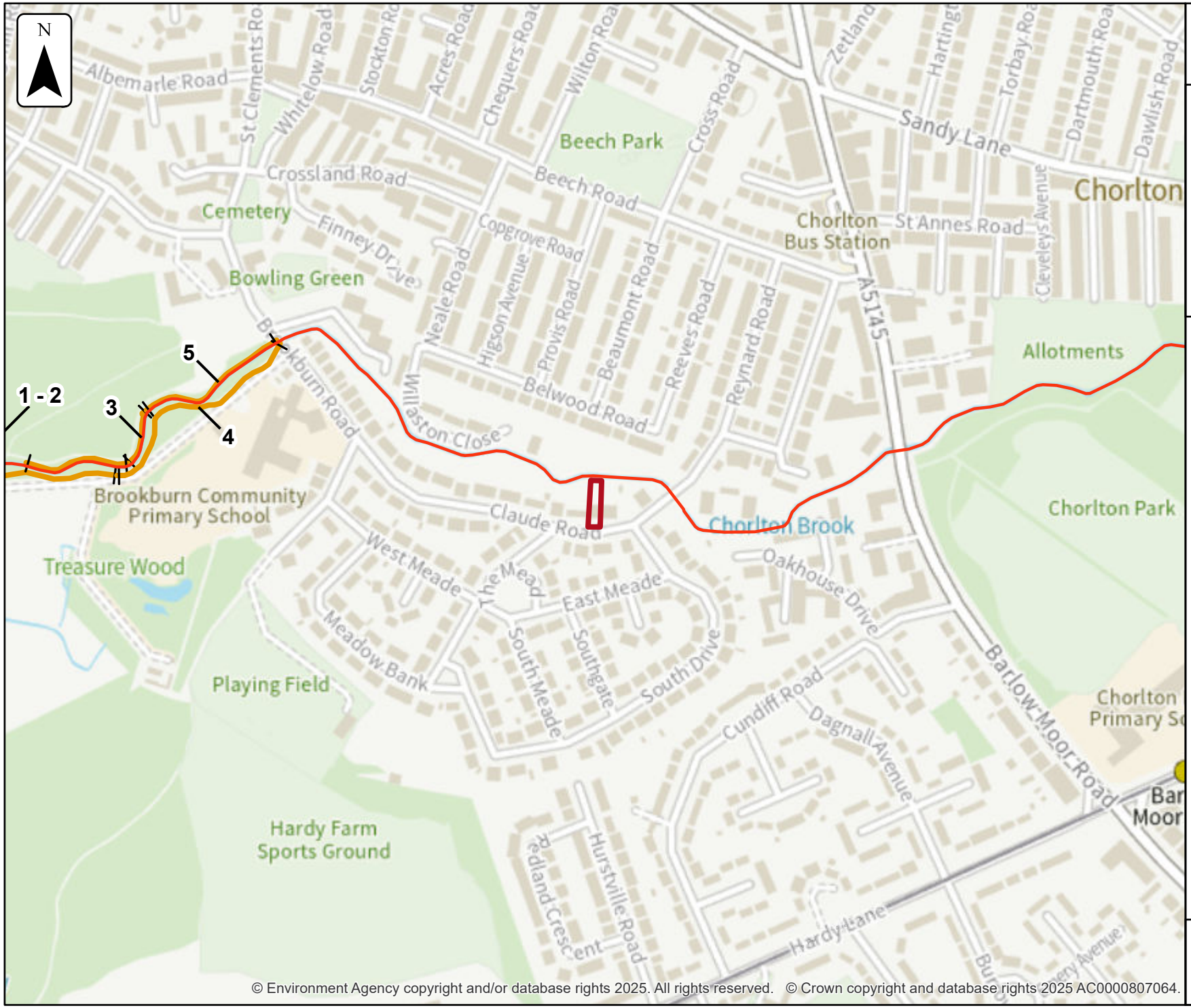
The flood defences map shows the location of the flood defences present.

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	120857	Embankment	50	Fair	23.94	24.08	
2	120860	Engineered High Ground	5		22.38	21.93	
3	120654	Engineered High Ground	5		21.74	21.72	
4	125813	Embankment			24.08	25.91	
5	120655	Engineered High Ground	50	Fair	23.35	21.72	

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

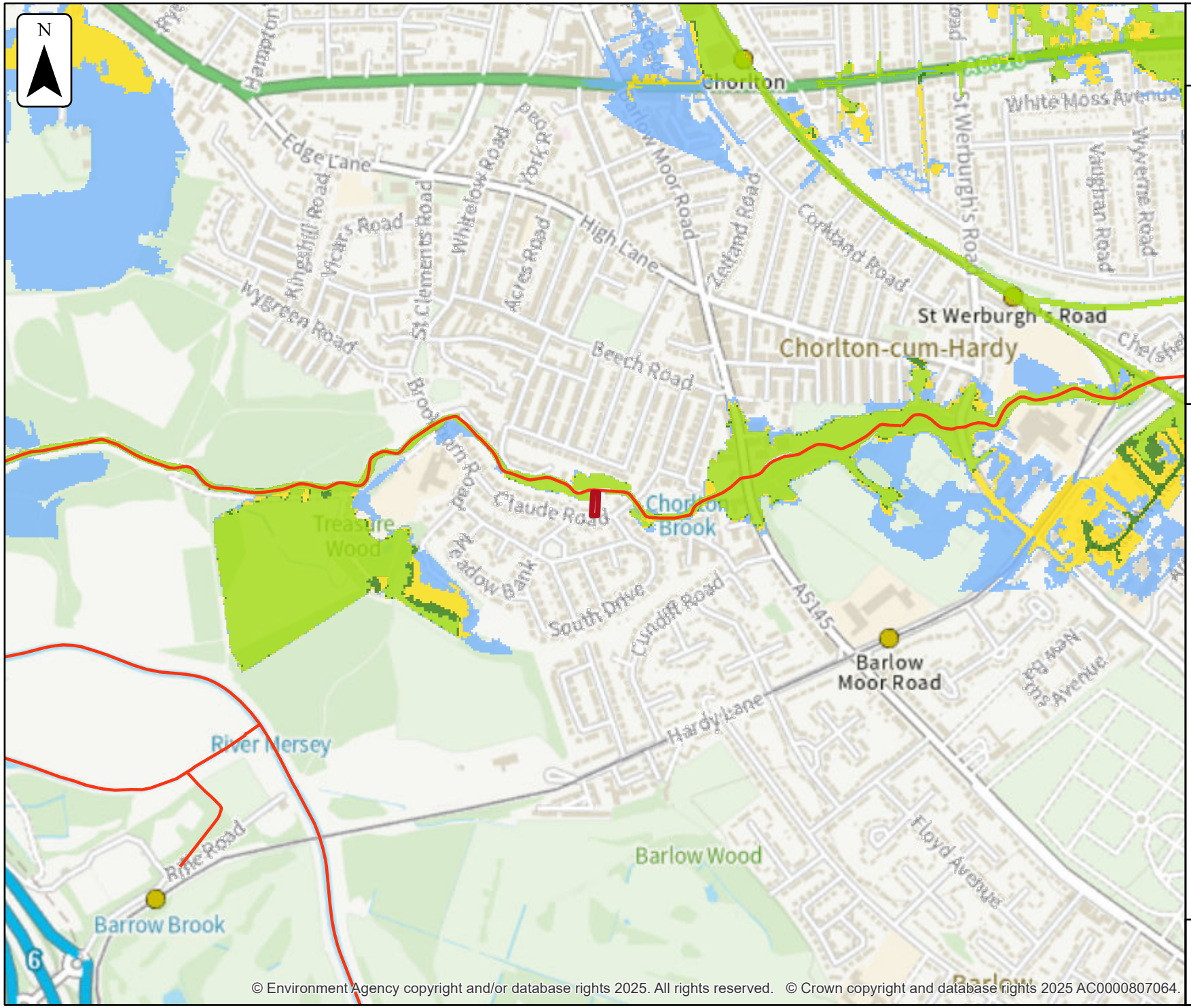
The climate change data included in the models may not include the latest flood risk assessment climate change allowances. Where the new allowances are not available you will need to consider this data and factor in the new allowances to demonstrate the development will be safe from flooding.

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
- No defences exist modelled fluvial: risk of flooding from rivers where there are no flood defences
- 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
- No defences exist climate change modelled fluvial: risk of flooding from rivers where there are no flood defences, including estimated impact of climate change



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Environment Agency

Defences removed climate change modelled fluvial extent

Location (easting/northing)
381631/393188

Scale
1:10,000

Created
8 Apr 2025

Model name
Chorlton Platt Gore 2024

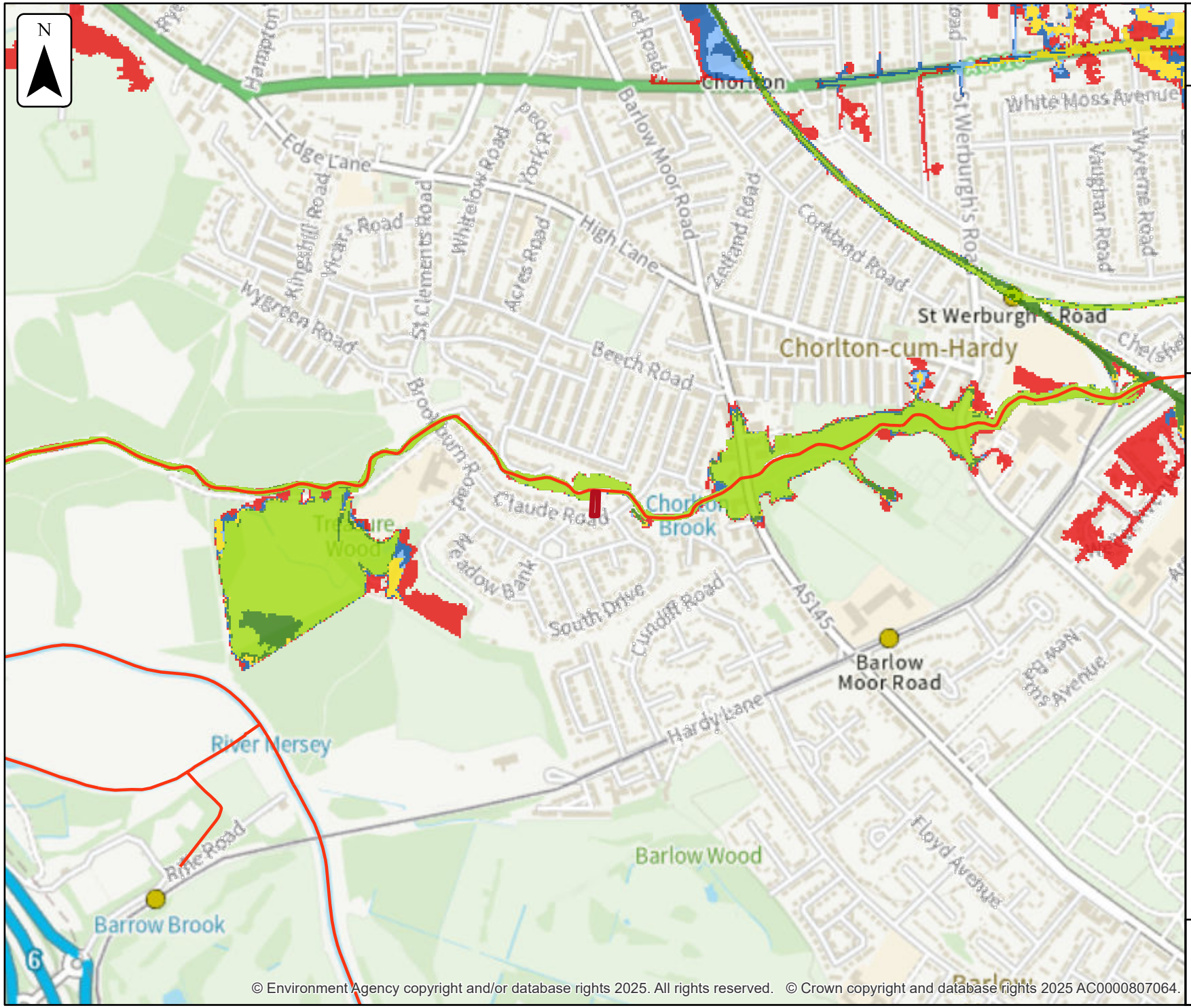
- Selected area
- Main river

Modelled flood extent

- 1% AEP (+41%)
- 1% AEP (+53%)
- 1% AEP (+85%)
- 0.1% AEP (+53%)

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)
381631/393188

Scale
1:10,000

Created
8 Apr 2025

Model name
Chorlton Platt Gore 2024

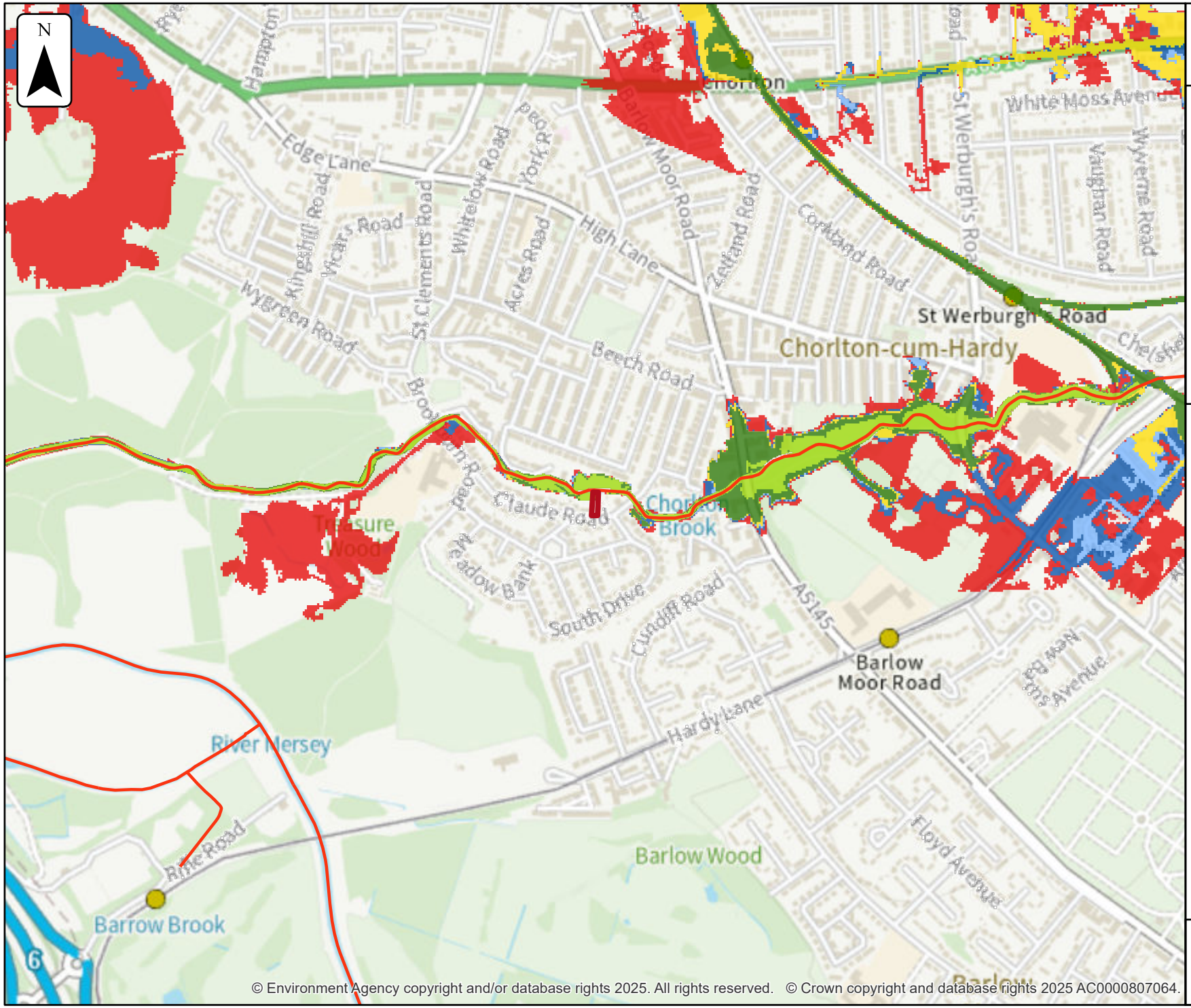
- Selected area
- Main river

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)
381631/393188

Scale
1:10,000

Created
8 Apr 2025

Model name
Chorlton Platt Gore 2024

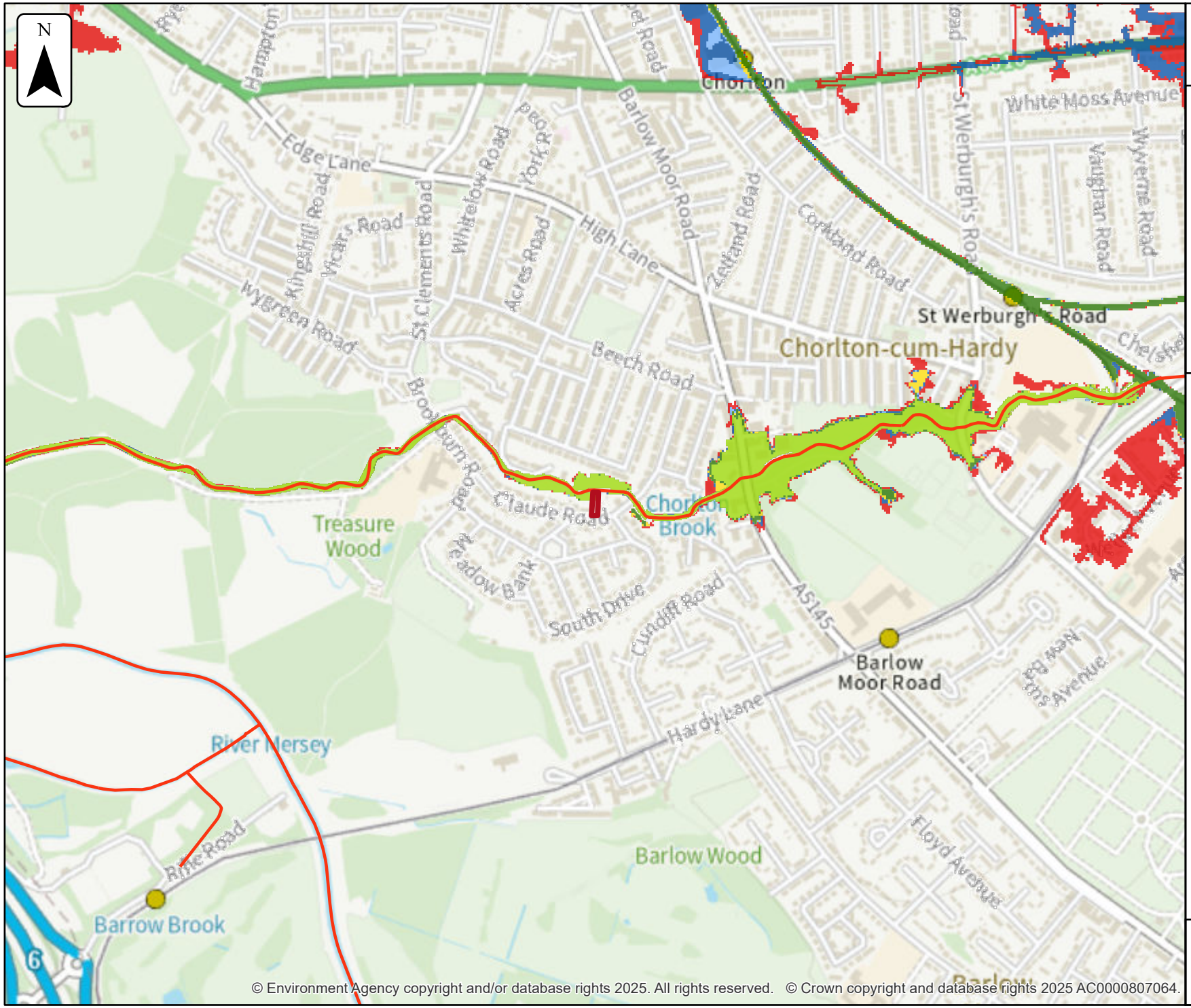
- Selected area
- Main river

Modelled flood extent

- 50% AEP (+53%)
- 5% AEP (+53%)
- 1% AEP (+41%)
- 1% AEP (+53%)
- 1% AEP (+85%)
- 0.1% AEP (+53%)

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

0 100 200 300 400 500
metres



Environment Agency

Defended modelled fluvial extent

Location (easting/northing)
381631/393188

Scale
1:10,000

Created
8 Apr 2025

Model name
Chorlton Platt Gore 2024

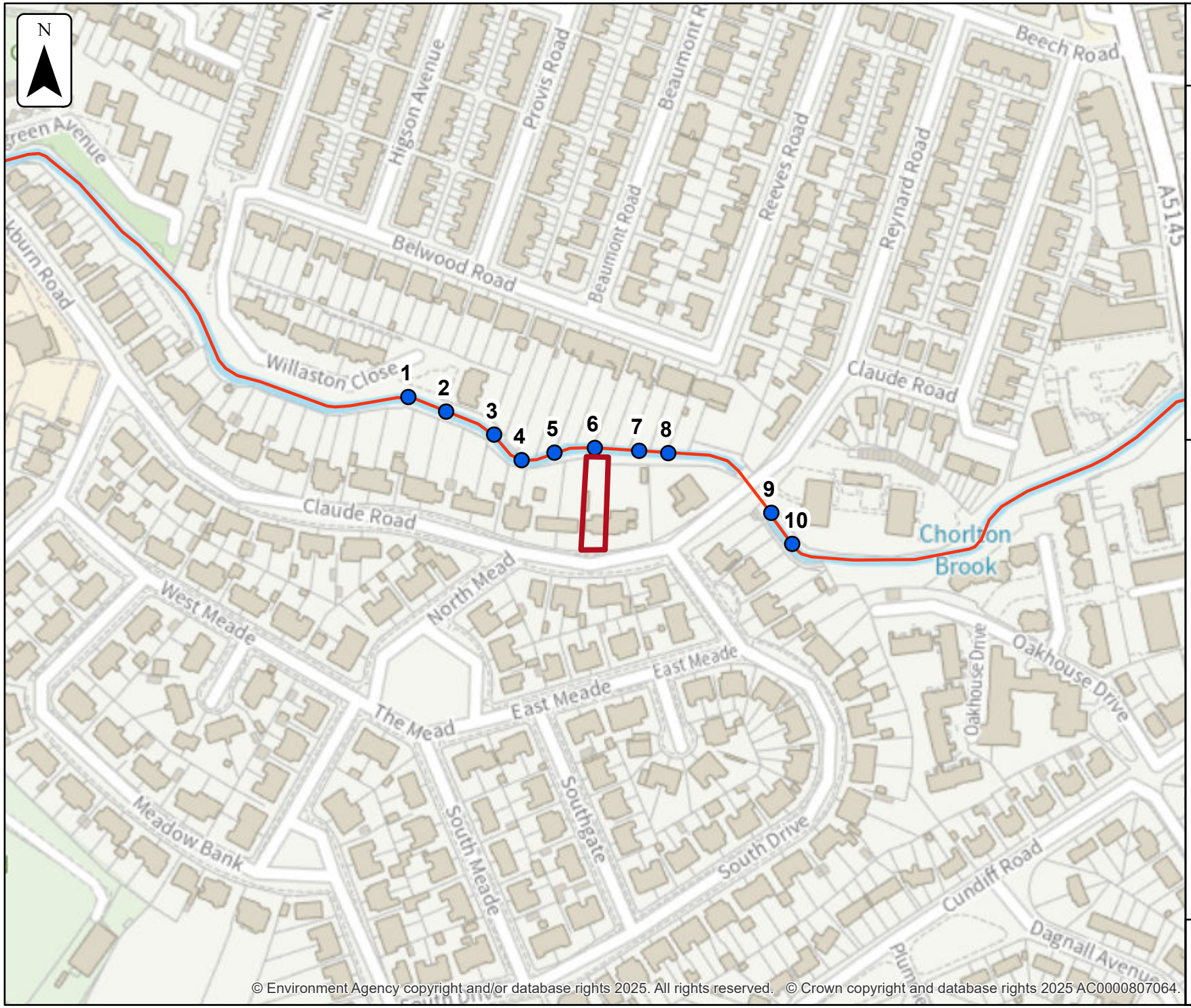
- Selected area
- Main river

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

Defences removed climate change modelled fluvial node locations

Location (easting/northing)
381631/393188

Scale
1:2,500

Created
8 Apr 2025

Model name
Chorlton Platt Gore 2024

- Selected area
- Modelled location
- Main river

0 25 50 75 100
metres

Modelled node locations data

Defences removed climate change

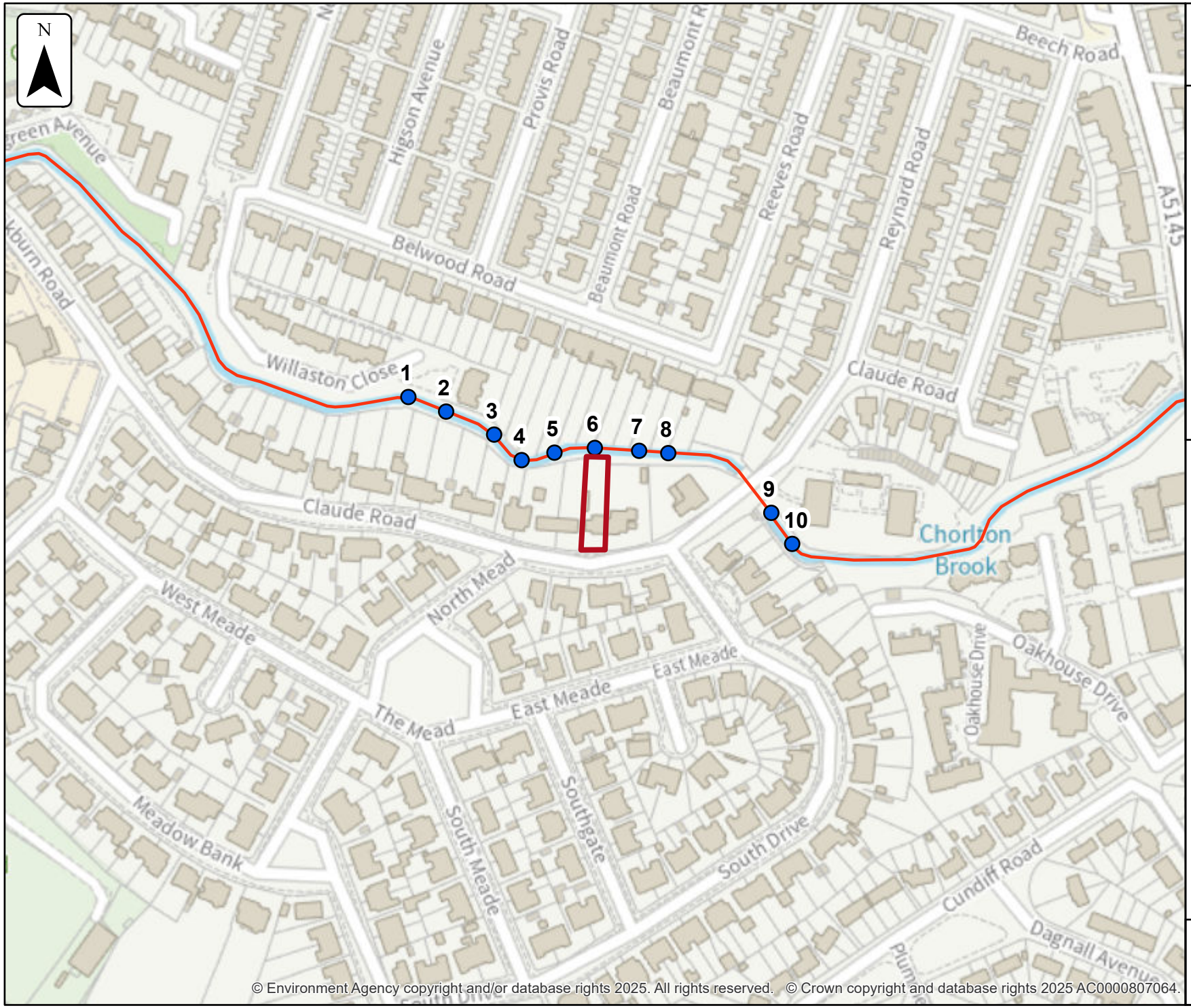
Label	Modelled location ID	Easting	Northing	50% AEP (+53%)	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
				Level	Level	Level	Level	Level	Level
1	1600932	381540	393241	24.77	25.10	25.16	25.21	25.26	25.44
2	1600876	381558	393233	24.75	25.04	25.12	25.15	25.24	25.44
3	1600878	381582	393222	24.69	25.11	25.20	25.23	25.32	25.48
4	1600888	381595	393210	24.93	25.27	25.34	25.37	25.42	25.62
5	1600832	381611	393213	25.03	25.33	25.40	25.40	25.49	25.61
6	1600963	381631	393216	25.05	25.32	25.37	25.41	25.46	25.64
7	1600834	381652	393214	25.06	25.34	25.39	25.43	25.48	25.63
8	1600885	381667	393213	25.06	25.36	25.43	25.46	25.54	25.69
9	1600826	381717	393184	25.51	26.11	26.27	26.30	26.47	26.96
10	1600825	381727	393169	25.52	26.12	26.25	26.31	26.51	26.90

Data in this table comes from the Chorlton Platt Gore 2024 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	50% AEP (+53%)	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
				Flow	Flow	Flow	Flow	Flow	Flow
1	1600932	381540	393241	18.77	24.21	25.34	26.11	27.27	30.27
2	1600876	381558	393233	19.34	25.61	27.02	27.64	29.19	32.87
3	1600878	381582	393222	19.31	25.21	26.63	27.19	28.81	31.97
4	1600888	381595	393210	18.73	23.78	25.27	25.90	27.32	31.25
5	1600832	381611	393213	17.66	23.21	24.88	25.28	27.37	31.49
6	1600963	381631	393216	18.46	24.96	26.41	27.31	28.91	33.48
7	1600834	381652	393214	19.19	25.49	26.90	27.76	29.39	33.66
8	1600885	381667	393213	19.31	25.79	27.47	28.11	29.97	33.70
9	1600826	381717	393184	19.31	25.79	27.47	27.79	29.64	34.26
10	1600825	381727	393169	19.31	25.78	27.18	27.75	29.81	33.03

Data in this table comes from the Chorlton Platt Gore 2024 model.
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Environment Agency

Defences removed modelled fluvial node locations

Location (easting/northing)
381631/393188

Scale
1:2,500

Created
8 Apr 2025

Model name
Chorlton Platt Gore 2024

- Selected area
- Modelled location
- Main river

0 25 50 75 100
metres

Modelled node locations data

Defences removed

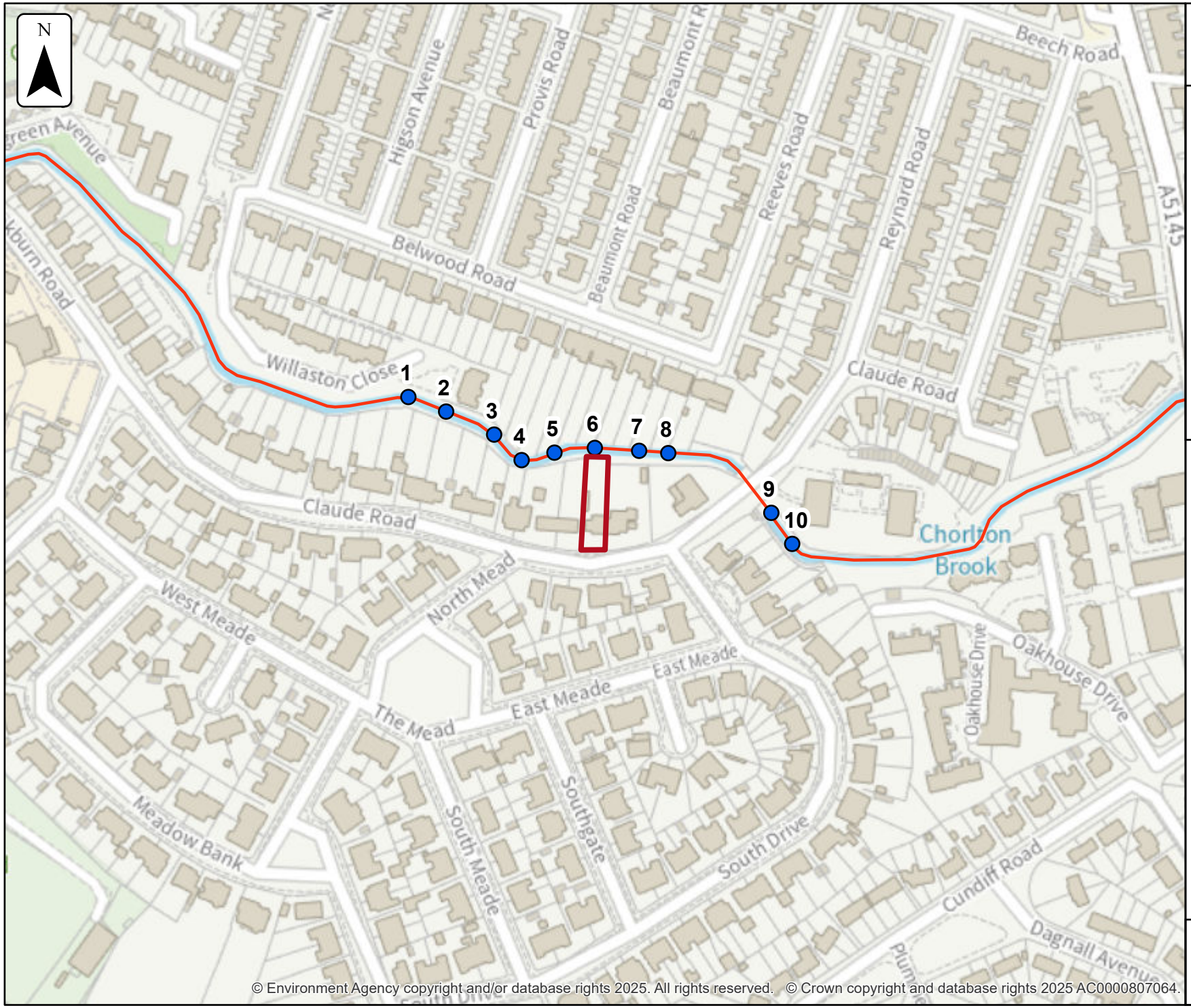
Label	Modelled location ID	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
				Level	Level	Level	Level	Level	Level	Level	Level	Level	Level
1	1600932	381540	393241	24.48	24.73	24.89	24.99	25.03	25.06	25.08	25.09	25.12	25.23
2	1600876	381558	393233	24.49	24.71	24.85	24.95	24.98	25.01	25.02	25.04	25.06	25.20
3	1600878	381582	393222	24.45	24.66	24.87	24.98	25.04	25.07	25.09	25.09	25.14	25.28
4	1600888	381595	393210	24.62	24.88	25.03	25.17	25.21	25.23	25.25	25.26	25.30	25.41
5	1600832	381611	393213	24.71	24.99	25.12	25.25	25.28	25.30	25.32	25.32	25.36	25.44
6	1600963	381631	393216	24.75	25.01	25.13	25.23	25.27	25.29	25.30	25.32	25.33	25.42
7	1600834	381652	393214	24.77	25.02	25.14	25.24	25.28	25.30	25.33	25.34	25.35	25.45
8	1600885	381667	393213	24.78	25.02	25.14	25.25	25.30	25.33	25.35	25.34	25.38	25.48
9	1600826	381717	393184	25.03	25.44	25.67	25.89	25.97	26.02	26.06	26.10	26.14	26.39
10	1600825	381727	393169	25.04	25.45	25.69	25.92	26.0	26.03	26.09	26.12	26.18	26.43

Data in this table comes from the Chorlton Platt Gore 2024 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	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
1	1600932	381540	393241	14.53	18.16	20.23	22.40	23.04	23.45	23.75	23.88	24.54	26.56
2	1600876	381558	393233	14.59	18.60	20.97	23.69	24.40	24.93	25.14	25.55	25.98	28.52
3	1600878	381582	393222	14.61	18.62	21.09	23.28	24.09	24.60	24.89	24.98	25.87	28.01
4	1600888	381595	393210	14.59	18.22	20.16	22.20	22.84	23.19	23.58	23.74	24.47	26.71
5	1600832	381611	393213	14.32	17.20	19.06	21.27	21.99	22.56	22.99	22.92	23.95	26.19
6	1600963	381631	393216	14.38	17.84	20.20	22.52	23.47	24.09	24.31	24.91	25.30	27.81
7	1600834	381652	393214	14.62	18.54	20.94	23.19	23.95	24.59	25.18	25.42	25.88	28.46
8	1600885	381667	393213	14.63	18.64	21.10	23.46	24.44	25.05	25.44	25.32	26.18	28.65
9	1600826	381717	393184	14.62	18.64	21.10	23.46	24.16	24.64	25.28	25.72	26.18	28.65
10	1600825	381727	393169	14.62	18.64	21.10	23.62	24.36	24.79	25.50	25.72	26.47	29.03

Data in this table comes from the Chorlton Platt Gore 2024 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.



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Environment Agency

Defended climate change modelled fluvial node locations

Location (easting/northing)
381631/393188

Scale
1:2,500

Created
8 Apr 2025

Model name
Chorlton Platt Gore 2024

- Selected area
- Modelled location
- Main river

0 25 50 75 100
metres

Modelled node locations data

Defended climate change

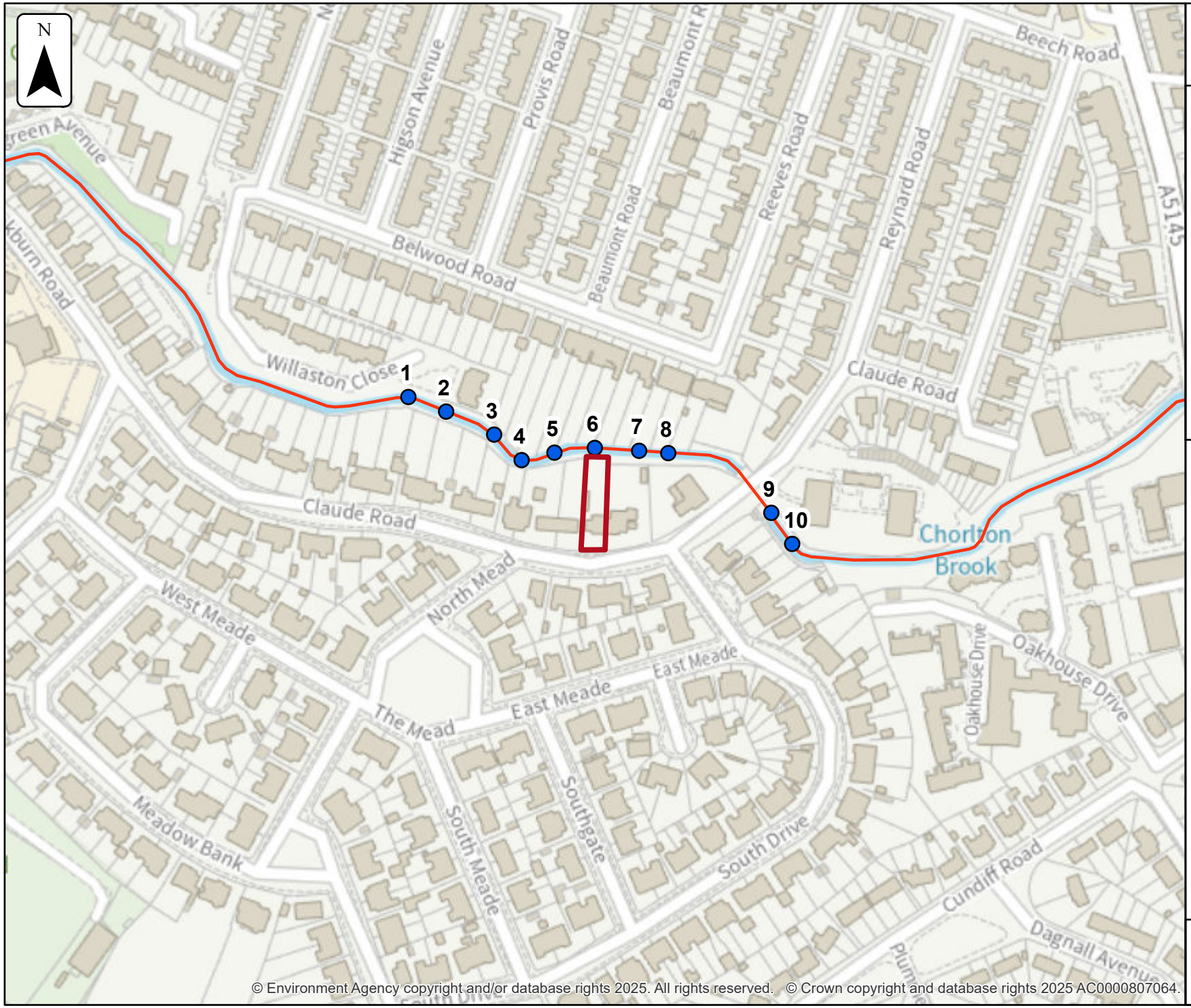
Label	Modelled location ID	Easting	Northing	50% AEP (+53%)	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
				Level	Level	Level	Level	Level	Level
1	1600932	381540	393241	24.77	25.10	25.18	25.21	25.29	25.48
2	1600876	381558	393233	24.75	25.04	25.12	25.15	25.24	25.44
3	1600878	381582	393222	24.69	25.11	25.20	25.23	25.32	25.52
4	1600888	381595	393210	24.93	25.27	25.34	25.37	25.44	25.62
5	1600832	381611	393213	25.03	25.33	25.40	25.42	25.49	25.64
6	1600963	381631	393216	25.05	25.32	25.38	25.41	25.47	25.64
7	1600834	381652	393214	25.06	25.34	25.41	25.43	25.50	25.66
8	1600885	381667	393213	25.06	25.36	25.43	25.46	25.54	25.73
9	1600826	381717	393184	25.51	26.11	26.27	26.33	26.52	26.96
10	1600825	381727	393169	25.52	26.12	26.28	26.34	26.51	26.97

Data in this table comes from the Chorlton Platt Gore 2024 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	50% AEP (+53%)	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
				Flow	Flow	Flow	Flow	Flow	Flow
1	1600932	381540	393241	18.77	24.21	25.55	26.11	27.47	30.69
2	1600876	381558	393233	19.34	25.61	27.02	27.64	29.19	32.87
3	1600878	381582	393222	19.31	25.21	26.63	27.19	28.81	32.26
4	1600888	381595	393210	18.73	23.78	25.27	25.90	27.44	31.25
5	1600832	381611	393213	17.66	23.21	24.88	25.49	27.37	32.02
6	1600963	381631	393216	18.46	24.96	26.58	27.31	29.02	33.48
7	1600834	381652	393214	19.19	25.49	27.07	27.76	29.73	34.25
8	1600885	381667	393213	19.31	25.79	27.47	28.11	29.97	34.26
9	1600826	381717	393184	19.31	25.79	27.47	28.11	29.97	34.26
10	1600825	381727	393169	19.31	25.78	27.38	27.99	29.81	32.90

Data in this table comes from the Chorlton Platt Gore 2024 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.



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Defended modelled fluvial node locations

Location (easting/northing)
381631/393188

Scale
1:2,500

Created
8 Apr 2025

Model name
Chorlton Platt Gore 2024

- Selected area
- Modelled location
- Main river

0 25 50 75 100
metres

Modelled node locations data

Defended

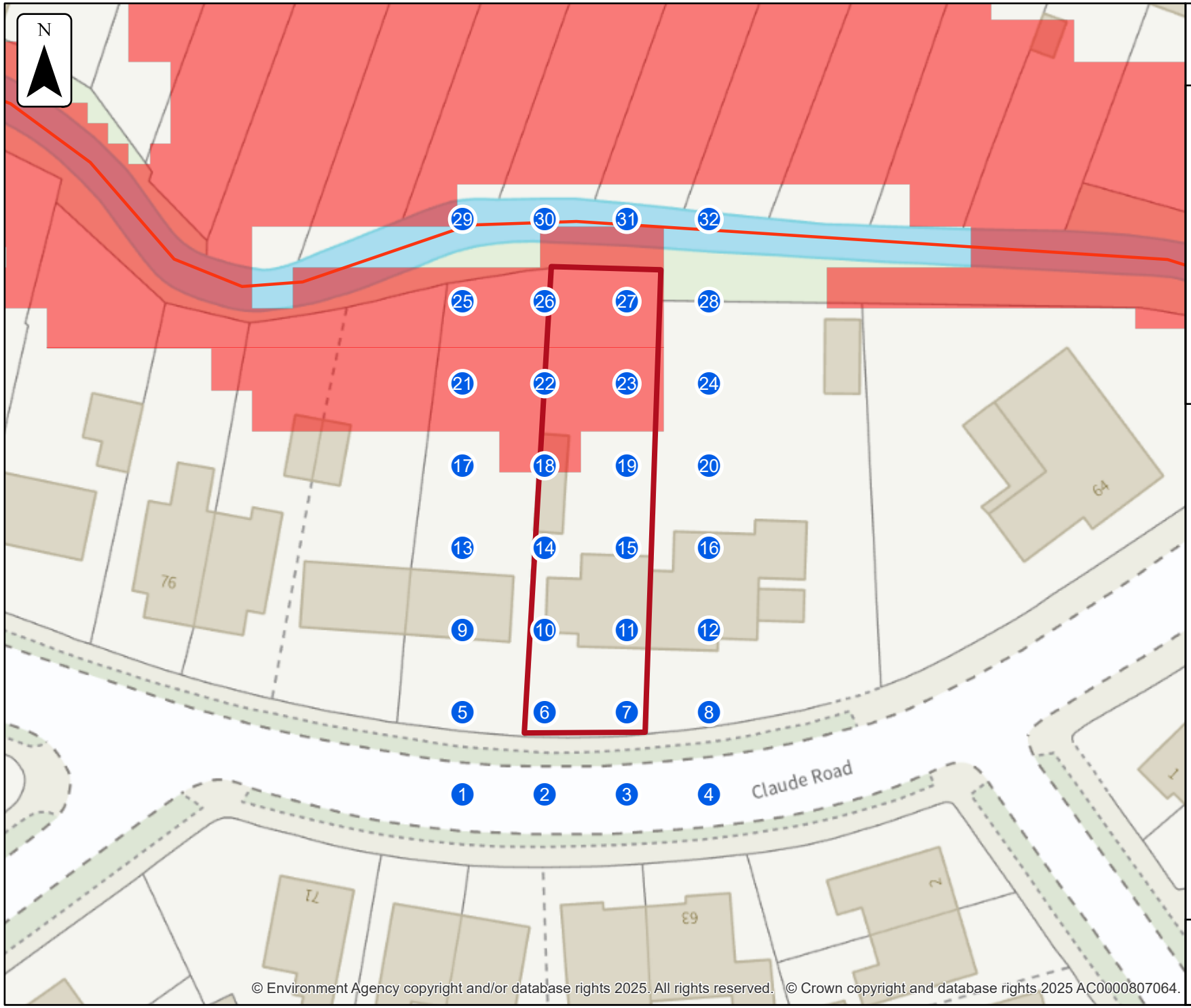
Label	Modelled location ID	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
				Level	Level	Level	Level	Level	Level	Level	Level	Level	Level
1	1600932	381540	393241	24.49	24.73	24.89	25.01	25.04	25.07	25.09	25.10	25.13	25.26
2	1600876	381558	393233	24.49	24.71	24.85	24.95	24.98	25.01	25.03	25.04	25.08	25.20
3	1600878	381582	393222	24.45	24.66	24.87	24.99	25.04	25.07	25.09	25.10	25.14	25.28
4	1600888	381595	393210	24.62	24.88	25.03	25.17	25.21	25.24	25.25	25.26	25.30	25.41
5	1600832	381611	393213	24.71	24.99	25.12	25.25	25.28	25.30	25.32	25.33	25.36	25.46
6	1600963	381631	393216	24.75	25.01	25.13	25.24	25.27	25.29	25.31	25.32	25.34	25.44
7	1600834	381652	393214	24.77	25.02	25.14	25.25	25.29	25.31	25.33	25.34	25.37	25.47
8	1600885	381667	393213	24.78	25.02	25.14	25.26	25.30	25.33	25.35	25.36	25.39	25.50
9	1600826	381717	393184	25.03	25.44	25.67	25.91	25.98	26.04	26.08	26.10	26.17	26.43
10	1600825	381727	393169	25.04	25.45	25.69	25.92	26.0	26.05	26.09	26.12	26.18	26.43

Data in this table comes from the Chorlton Platt Gore 2024 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	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
1	1600932	381540	393241	14.55	18.16	20.23	22.49	23.12	23.60	23.96	24.15	24.67	26.85
2	1600876	381558	393233	14.59	18.60	20.98	23.69	24.40	24.93	25.32	25.55	26.23	28.52
3	1600878	381582	393222	14.63	18.62	21.09	23.41	24.09	24.60	24.89	25.13	25.87	28.01
4	1600888	381595	393210	14.59	18.22	20.17	22.20	22.84	23.32	23.58	23.74	24.47	26.71
5	1600832	381611	393213	14.33	17.20	19.07	21.27	21.99	22.56	22.99	23.16	23.95	26.55
6	1600963	381631	393216	14.38	17.84	20.20	22.71	23.47	24.09	24.68	24.91	25.25	28.20
7	1600834	381652	393214	14.63	18.55	20.94	23.39	24.09	24.78	25.18	25.42	26.16	28.76
8	1600885	381667	393213	14.63	18.64	21.11	23.61	24.44	25.05	25.44	25.72	26.36	28.98
9	1600826	381717	393184	14.63	18.64	21.11	23.61	24.44	25.05	25.44	25.72	26.36	28.98
10	1600825	381727	393169	14.64	18.64	21.11	23.62	24.36	25.01	25.50	25.72	26.47	29.03

Data in this table comes from the Chorlton Platt Gore 2024 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)
381631/393188

Scale
1:500

Created
8 Apr 2025

Model name
Chorlton Platt Gore 2024

Selected area

Main river

Modelled 2D grid
Water level in mAOD

- 0 - 0.0
- 0.0 - 3.375
- 3.375 - 6.75
- 6.75 - 10.125
- 10.125 - 13.5
- 13.5 - 16.875
- 16.875 - 20.25
- 20.25 - 23.625
- 23.625 - 27.0

This map shows the 0.1% AEP height data

0 5 10 15 20
metres

Sample point data

Defended

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% 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
1	381618	393160	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
2	381626	393160	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
3	381634	393160	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
4	381642	393160	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
5	381618	393168	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
6	381626	393168	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
7	381634	393168	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
8	381642	393168	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
9	381618	393176	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
10	381626	393176	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11	381634	393176	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
12	381642	393176	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% 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
13	381618	393184	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14	381626	393184	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
15	381634	393184	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
16	381642	393184	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
17	381618	393192	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
18	381626	393192	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.10
19	381634	393192	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
20	381642	393192	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
21	381618	393200	NoData	0.54	0.68	0.80	0.83	0.85	0.87	0.88	0.91	1.00
22	381626	393200	NoData	NoData	0.19	0.31	0.35	0.37	0.39	0.39	0.42	0.52
23	381634	393200	NoData	NoData	0.06	0.18	0.21	0.24	0.25	0.26	0.29	0.39
24	381642	393200	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% 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
25	381618	393208	NoData	0.17	0.31	0.43	0.47	0.49	0.51	0.52	0.55	0.65
26	381626	393208	NoData	0.15	0.29	0.41	0.44	0.47	0.48	0.49	0.52	0.62
27	381634	393208	NoData	0.08	0.19	0.29	0.32	0.34	0.35	0.36	0.39	0.49
28	381642	393208	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
29	381618	393216	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
30	381626	393216	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
31	381634	393216	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
32	381642	393216	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			NoData	0.23	0.51	0.63	0.67	0.69	0.70	0.71	0.74	0.84

Data in this table comes from the Chorlton Platt Gore 2024 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.

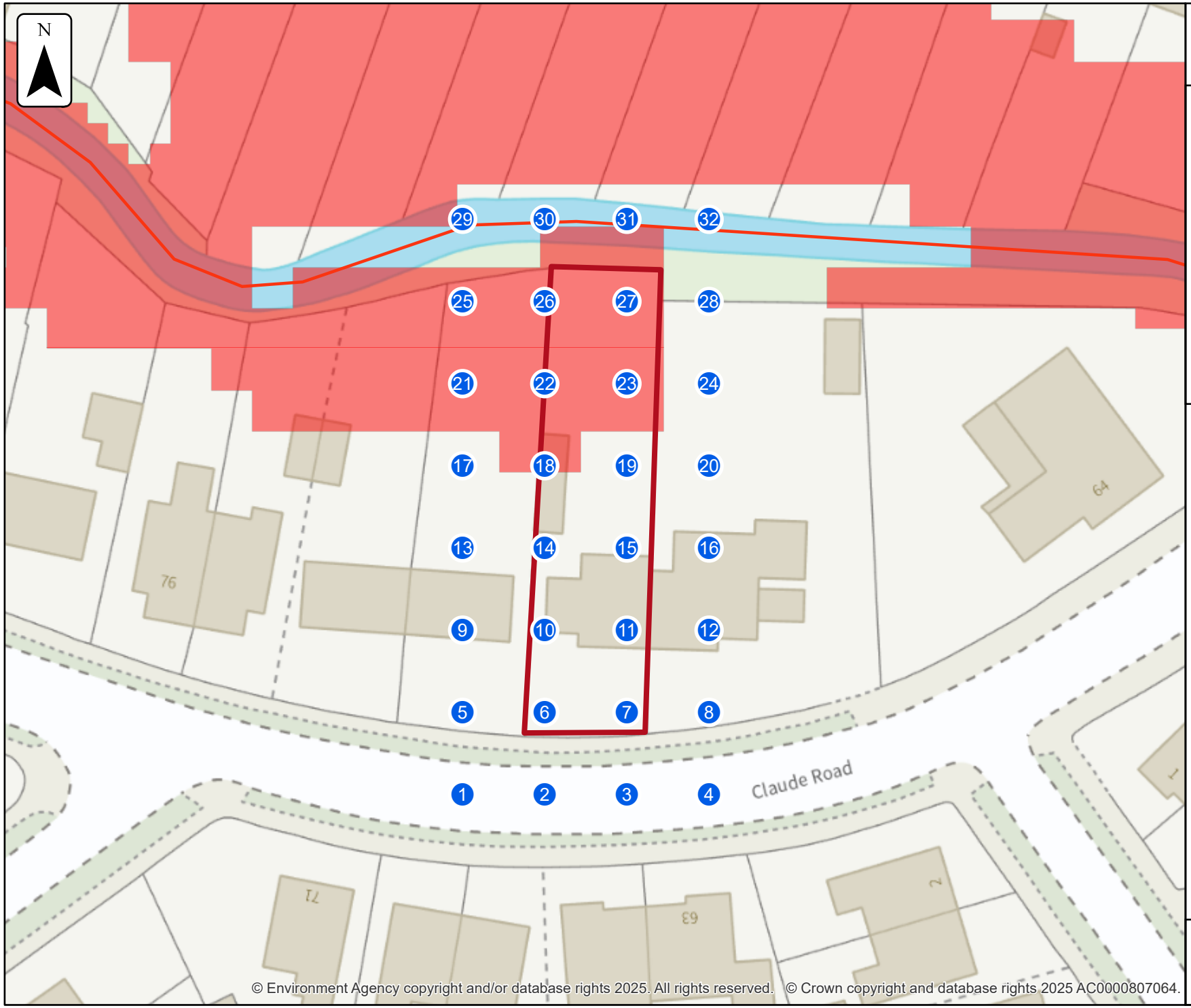
Defended

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	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
1	381618	393160	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
2	381626	393160	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
3	381634	393160	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
4	381642	393160	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
5	381618	393168	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
6	381626	393168	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
7	381634	393168	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
8	381642	393168	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
9	381618	393176	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
10	381626	393176	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11	381634	393176	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
12	381642	393176	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% 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
13	381618	393184	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14	381626	393184	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
15	381634	393184	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
16	381642	393184	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
17	381618	393192	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
18	381626	393192	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	25.44
19	381634	393192	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
20	381642	393192	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
21	381618	393200	NoData	24.98	25.11	25.24	25.27	25.29	25.31	25.32	25.34	25.44
22	381626	393200	NoData	NoData	25.11	25.24	25.27	25.29	25.31	25.32	25.35	25.45
23	381634	393200	NoData	NoData	25.12	25.24	25.27	25.29	25.31	25.32	25.35	25.45
24	381642	393200	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% 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
25	381618	393208	NoData	24.97	25.11	25.24	25.27	25.29	25.31	25.32	25.35	25.45
26	381626	393208	NoData	24.98	25.12	25.24	25.27	25.30	25.31	25.32	25.35	25.45
27	381634	393208	NoData	24.98	25.12	25.24	25.27	25.29	25.31	25.32	25.35	25.45
28	381642	393208	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
29	381618	393216	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
30	381626	393216	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
31	381634	393216	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
32	381642	393216	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			NoData	24.98	25.12	25.24	25.27	25.30	25.31	25.32	25.35	25.45

Data in this table comes from the Chorlton Platt Gore 2024 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 modelled fluvial extent and height

Location (easting/northing)
381631/393188

Scale
1:500

Created
8 Apr 2025

Model name
Chorlton Platt Gore 2024

Selected area

Main river

Modelled 2D grid
Water level in mAOD

- 0 - 0.0
- 0.0 - 3.375
- 3.375 - 6.75
- 6.75 - 10.125
- 10.125 - 13.5
- 13.5 - 16.875
- 16.875 - 20.25
- 20.25 - 23.625
- 23.625 - 27.0

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	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
1	381618	393160	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
2	381626	393160	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
3	381634	393160	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
4	381642	393160	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
5	381618	393168	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
6	381626	393168	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
7	381634	393168	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
8	381642	393168	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
9	381618	393176	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
10	381626	393176	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11	381634	393176	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
12	381642	393176	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% 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
13	381618	393184	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14	381626	393184	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
15	381634	393184	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
16	381642	393184	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
17	381618	393192	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
18	381626	393192	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.08
19	381634	393192	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
20	381642	393192	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
21	381618	393200	NoData	0.54	0.68	0.78	0.82	0.84	0.86	0.86	0.89	0.98
22	381626	393200	NoData	NoData	0.19	0.30	0.34	0.36	0.38	0.38	0.41	0.50
23	381634	393200	NoData	NoData	0.06	0.17	0.21	0.23	0.24	0.25	0.28	0.37
24	381642	393200	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% 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
25	381618	393208	NoData	0.17	0.31	0.42	0.46	0.48	0.50	0.51	0.54	0.63
26	381626	393208	NoData	0.15	0.29	0.40	0.44	0.46	0.47	0.48	0.51	0.60
27	381634	393208	NoData	0.08	0.19	0.28	0.31	0.33	0.34	0.35	0.38	0.47
28	381642	393208	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
29	381618	393216	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
30	381626	393216	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
31	381634	393216	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
32	381642	393216	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			NoData	0.23	0.51	0.62	0.66	0.68	0.70	0.70	0.73	0.82

Data in this table comes from the Chorlton Platt Gore 2024 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.

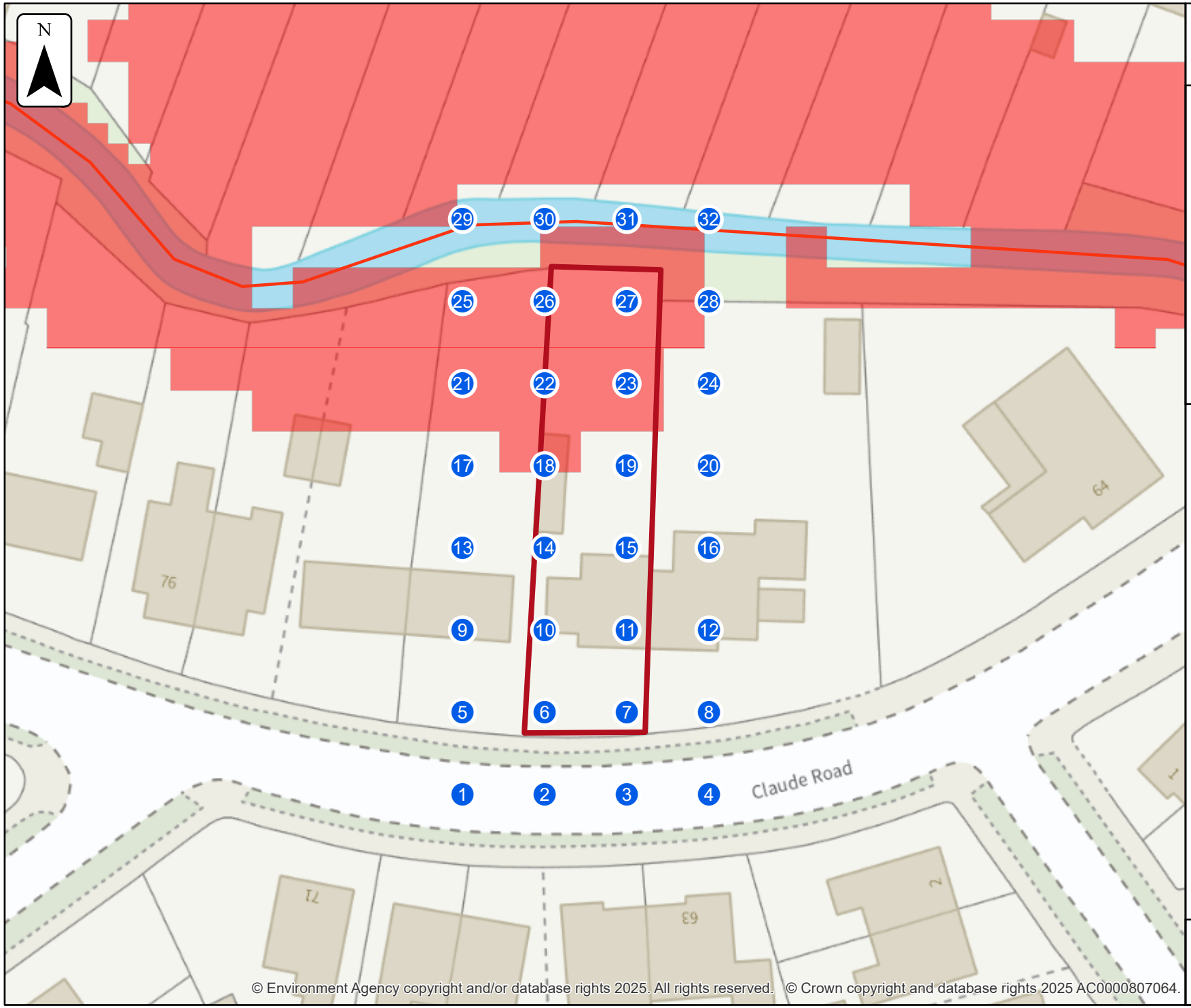
Defences removed

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% AEP	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
1	381618	393160	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
2	381626	393160	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
3	381634	393160	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
4	381642	393160	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
5	381618	393168	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
6	381626	393168	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
7	381634	393168	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
8	381642	393168	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
9	381618	393176	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
10	381626	393176	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
11	381634	393176	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
12	381642	393176	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% 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
13	381618	393184	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
14	381626	393184	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
15	381634	393184	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
16	381642	393184	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
17	381618	393192	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
18	381626	393192	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	25.42
19	381634	393192	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
20	381642	393192	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
21	381618	393200	NoData	24.98	25.11	25.22	25.26	25.28	25.30	25.30	25.33	25.42
22	381626	393200	NoData	NoData	25.11	25.22	25.26	25.28	25.30	25.30	25.33	25.42
23	381634	393200	NoData	NoData	25.11	25.22	25.26	25.29	25.30	25.30	25.33	25.42
24	381642	393200	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	50% AEP	20% AEP	10% AEP	5% 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
25	381618	393208	NoData	24.97	25.11	25.22	25.26	25.29	25.30	25.31	25.34	25.43
26	381626	393208	NoData	24.98	25.12	25.23	25.27	25.29	25.30	25.31	25.34	25.43
27	381634	393208	NoData	24.98	25.12	25.22	25.26	25.29	25.30	25.30	25.33	25.42
28	381642	393208	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
29	381618	393216	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
30	381626	393216	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
31	381634	393216	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
32	381642	393216	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			NoData	24.98	25.12	25.23	25.27	25.29	25.30	25.31	25.34	25.43

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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

Defended climate change modelled fluvial extent and height

Location (easting/northing)
381631/393188

Scale
1:500

Created
8 Apr 2025

Model name
Chorlton Platt Gore 2024

Selected area

Main river

Modelled 2D grid
Water level in mAOD

- 0 - 0.0
- 0.0 - 3.5
- 3.5 - 7.0
- 7.0 - 10.5
- 10.5 - 14.0
- 14.0 - 17.5
- 17.5 - 21.0
- 21.0 - 24.5
- 24.5 - 28.0

This map shows the 0.1% AEP +53% height data

0 5 10 15 20
metres

Sample point data

Defended climate change

Label	Easting	Northing	50% AEP (+53%)	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth	Depth
1	381618	393160	NoData	NoData	NoData	NoData	NoData
2	381626	393160	NoData	NoData	NoData	NoData	NoData
3	381634	393160	NoData	NoData	NoData	NoData	NoData
4	381642	393160	NoData	NoData	NoData	NoData	NoData
5	381618	393168	NoData	NoData	NoData	NoData	NoData
6	381626	393168	NoData	NoData	NoData	NoData	NoData
7	381634	393168	NoData	NoData	NoData	NoData	NoData
8	381642	393168	NoData	NoData	NoData	NoData	NoData
9	381618	393176	NoData	NoData	NoData	NoData	NoData
10	381626	393176	NoData	NoData	NoData	NoData	NoData
11	381634	393176	NoData	NoData	NoData	NoData	NoData
12	381642	393176	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	50% AEP (+53%)	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth	Depth
13	381618	393184	NoData	NoData	NoData	NoData	NoData
14	381626	393184	NoData	NoData	NoData	NoData	NoData
15	381634	393184	NoData	NoData	NoData	NoData	NoData
16	381642	393184	NoData	NoData	NoData	NoData	NoData
17	381618	393192	NoData	NoData	NoData	NoData	NoData
18	381626	393192	NoData	NoData	0.05	0.07	0.24
19	381634	393192	NoData	NoData	NoData	NoData	NoData
20	381642	393192	NoData	NoData	NoData	NoData	NoData
21	381618	393200	0.58	0.88	0.94	0.97	1.19
22	381626	393200	NoData	0.40	0.46	0.49	0.70
23	381634	393200	NoData	0.27	0.33	0.36	0.58
24	381642	393200	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	50% AEP (+53%)	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth	Depth
25	381618	393208	0.22	0.52	0.59	0.61	0.83
26	381626	393208	0.20	0.49	0.56	0.58	0.80
27	381634	393208	0.11	0.36	0.43	0.45	0.67
28	381642	393208	NoData	NoData	NoData	NoData	NoData
29	381618	393216	NoData	NoData	NoData	NoData	NoData
30	381626	393216	NoData	NoData	NoData	NoData	NoData
31	381634	393216	NoData	NoData	NoData	NoData	NoData
32	381642	393216	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			0.27	0.72	0.78	0.81	1.02

Data in this table comes from the Chorlton Platt Gore 2024 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.

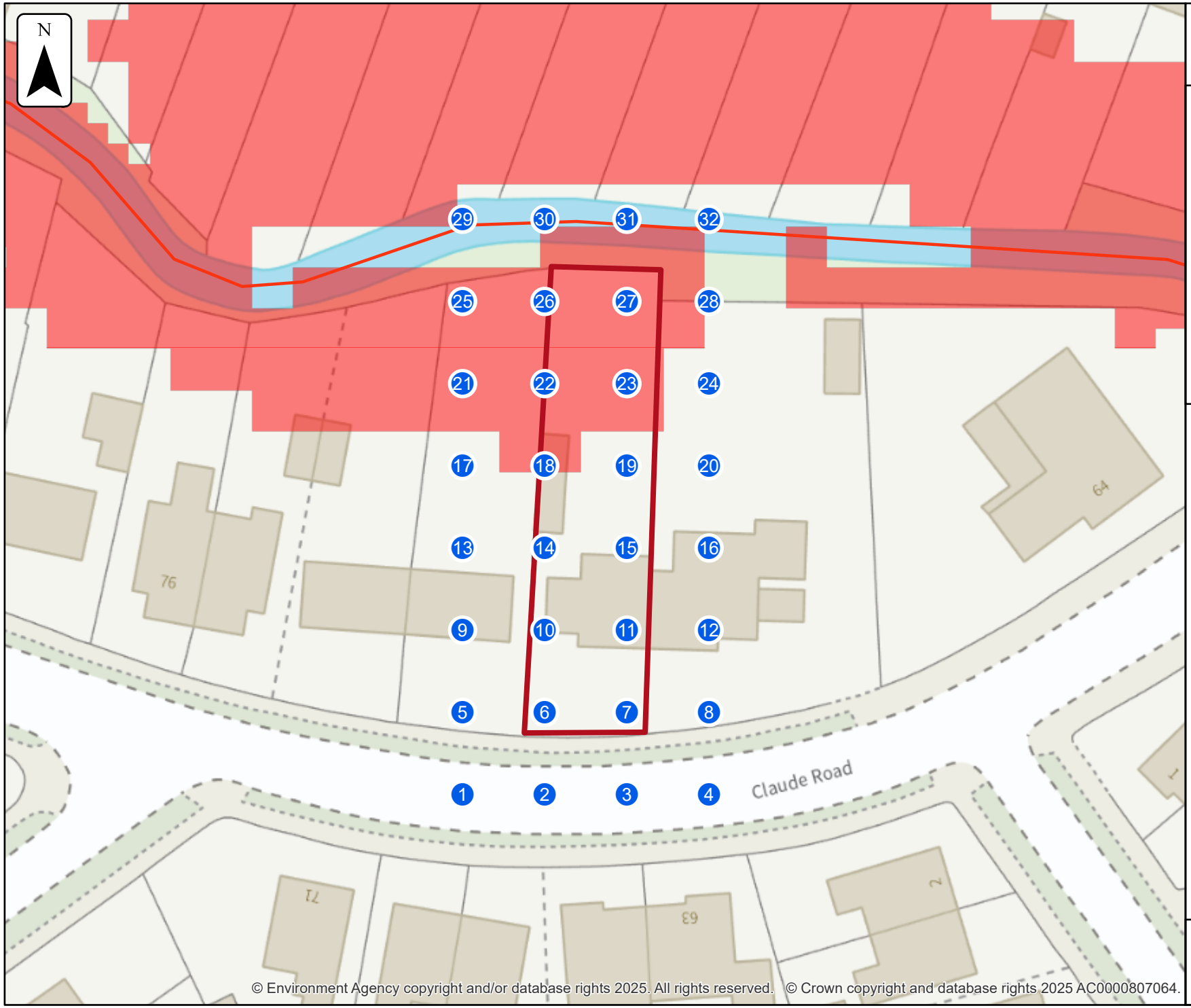
Defended climate change

Label	Easting	Northing	50% AEP (+53%)	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Height	Height	Height	Height	Height
1	381618	393160	NoData	NoData	NoData	NoData	NoData
2	381626	393160	NoData	NoData	NoData	NoData	NoData
3	381634	393160	NoData	NoData	NoData	NoData	NoData
4	381642	393160	NoData	NoData	NoData	NoData	NoData
5	381618	393168	NoData	NoData	NoData	NoData	NoData
6	381626	393168	NoData	NoData	NoData	NoData	NoData
7	381634	393168	NoData	NoData	NoData	NoData	NoData
8	381642	393168	NoData	NoData	NoData	NoData	NoData
9	381618	393176	NoData	NoData	NoData	NoData	NoData
10	381626	393176	NoData	NoData	NoData	NoData	NoData
11	381634	393176	NoData	NoData	NoData	NoData	NoData
12	381642	393176	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	50% AEP (+53%)	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Height	Height	Height	Height	Height
13	381618	393184	NoData	NoData	NoData	NoData	NoData
14	381626	393184	NoData	NoData	NoData	NoData	NoData
15	381634	393184	NoData	NoData	NoData	NoData	NoData
16	381642	393184	NoData	NoData	NoData	NoData	NoData
17	381618	393192	NoData	NoData	NoData	NoData	NoData
18	381626	393192	NoData	NoData	25.38	25.41	25.62
19	381634	393192	NoData	NoData	NoData	NoData	NoData
20	381642	393192	NoData	NoData	NoData	NoData	NoData
21	381618	393200	25.02	25.32	25.38	25.41	25.63
22	381626	393200	NoData	25.32	25.38	25.41	25.63
23	381634	393200	NoData	25.32	25.39	25.41	25.63
24	381642	393200	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	50% AEP (+53%)	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Height	Height	Height	Height	Height
25	381618	393208	25.02	25.32	25.39	25.41	25.63
26	381626	393208	25.03	25.32	25.39	25.41	25.63
27	381634	393208	25.02	25.32	25.38	25.41	25.63
28	381642	393208	NoData	NoData	NoData	NoData	NoData
29	381618	393216	NoData	NoData	NoData	NoData	NoData
30	381626	393216	NoData	NoData	NoData	NoData	NoData
31	381634	393216	NoData	NoData	NoData	NoData	NoData
32	381642	393216	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			25.03	25.32	25.39	25.41	25.63

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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)
381631/393188

Scale
1:500

Created
8 Apr 2025

Model name
Chorlton Platt Gore 2024

Selected area

Main river

Modelled 2D grid
Water level in mAOD

- 0 - 0.0
- 0.0 - 3.375
- 3.375 - 6.75
- 6.75 - 10.125
- 10.125 - 13.5
- 13.5 - 16.875
- 16.875 - 20.25
- 20.25 - 23.625
- 23.625 - 27.0

This map shows the 0.1% AEP +53% height data

0 5 10 15 20
metres

Sample point data

Defences removed climate change

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth
1	381618	393160	NoData	NoData	NoData	NoData
2	381626	393160	NoData	NoData	NoData	NoData
3	381634	393160	NoData	NoData	NoData	NoData
4	381642	393160	NoData	NoData	NoData	NoData
5	381618	393168	NoData	NoData	NoData	NoData
6	381626	393168	NoData	NoData	NoData	NoData
7	381634	393168	NoData	NoData	NoData	NoData
8	381642	393168	NoData	NoData	NoData	NoData
9	381618	393176	NoData	NoData	NoData	NoData
10	381626	393176	NoData	NoData	NoData	NoData
11	381634	393176	NoData	NoData	NoData	NoData
12	381642	393176	NoData	NoData	NoData	NoData

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth
13	381618	393184	NoData	NoData	NoData	NoData
14	381626	393184	NoData	NoData	NoData	NoData
15	381634	393184	NoData	NoData	NoData	NoData
16	381642	393184	NoData	NoData	NoData	NoData
17	381618	393192	NoData	NoData	NoData	NoData
18	381626	393192	0.04	0.06	0.10	0.21
19	381634	393192	NoData	NoData	NoData	NoData
20	381642	393192	NoData	NoData	NoData	NoData
21	381618	393200	0.93	0.95	1.01	1.16
22	381626	393200	0.45	0.47	0.53	0.68
23	381634	393200	0.32	0.34	0.40	0.55
24	381642	393200	NoData	NoData	NoData	NoData

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth
25	381618	393208	0.57	0.59	0.66	0.80
26	381626	393208	0.55	0.57	0.63	0.77
27	381634	393208	0.42	0.44	0.50	0.64
28	381642	393208	NoData	NoData	NoData	NoData
29	381618	393216	NoData	NoData	NoData	NoData
30	381626	393216	NoData	NoData	NoData	NoData
31	381634	393216	NoData	NoData	NoData	NoData
32	381642	393216	NoData	NoData	NoData	NoData
Max value in selected area:			0.77	0.79	0.85	1.00

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Defences removed climate change

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Height	Height	Height	Height
1	381618	393160	NoData	NoData	NoData	NoData
2	381626	393160	NoData	NoData	NoData	NoData
3	381634	393160	NoData	NoData	NoData	NoData
4	381642	393160	NoData	NoData	NoData	NoData
5	381618	393168	NoData	NoData	NoData	NoData
6	381626	393168	NoData	NoData	NoData	NoData
7	381634	393168	NoData	NoData	NoData	NoData
8	381642	393168	NoData	NoData	NoData	NoData
9	381618	393176	NoData	NoData	NoData	NoData
10	381626	393176	NoData	NoData	NoData	NoData
11	381634	393176	NoData	NoData	NoData	NoData
12	381642	393176	NoData	NoData	NoData	NoData

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Height	Height	Height	Height
13	381618	393184	NoData	NoData	NoData	NoData
14	381626	393184	NoData	NoData	NoData	NoData
15	381634	393184	NoData	NoData	NoData	NoData
16	381642	393184	NoData	NoData	NoData	NoData
17	381618	393192	NoData	NoData	NoData	NoData
18	381626	393192	25.37	25.39	25.45	25.59
19	381634	393192	NoData	NoData	NoData	NoData
20	381642	393192	NoData	NoData	NoData	NoData
21	381618	393200	25.37	25.39	25.45	25.59
22	381626	393200	25.37	25.39	25.45	25.60
23	381634	393200	25.37	25.39	25.46	25.60
24	381642	393200	NoData	NoData	NoData	NoData

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Height	Height	Height	Height
25	381618	393208	25.37	25.40	25.46	25.60
26	381626	393208	25.38	25.40	25.46	25.60
27	381634	393208	25.37	25.39	25.45	25.60
28	381642	393208	NoData	NoData	NoData	NoData
29	381618	393216	NoData	NoData	NoData	NoData
30	381626	393216	NoData	NoData	NoData	NoData
31	381634	393216	NoData	NoData	NoData	NoData
32	381642	393216	NoData	NoData	NoData	NoData
Max value in selected area:			25.38	25.40	25.46	25.60

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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