

Environment
Agency

Document created on: 11 July 2025

Customer reference number: HDN8N6KARJJR

Selected area

Main river

Site location

Scale 1:5,000

0 50 100 150 200 250 metres

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)
- 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

Information that's unavailable

This document **does not** contain:

- past floods

We do not have past flooding data for this location.

Please note that:

- flooding may have occurred that we do not have records for
- flooding can come from a range of different sources
- we can only supply flood risk data relating to flooding from rivers or the sea

You can contact your Lead Local Flood Authority or Internal Drainage Board to see if they have other relevant local flood information. Please note that some areas do not have an Internal Drainage Board.

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 occurring 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



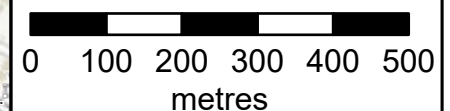
Flood map for planning

Location (easting/northing)
384001/394571

Scale
1:10,000

Created
11 Jul 2025

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



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



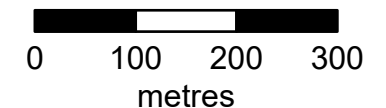
Flood defences

Location (easting/northing)
384001/394571

Scale
1:7,500

Created
11 Jul 2025

-  Selected area
-  Main river
-  Flood defence



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	32518	Wall	100	Good	31.48	31.84	
2	59788	Embankment	100	Fair	31.81	32.82	
3	60038	Embankment	100	Fair	31.39	32.25	
4	122064	Wall	100	Fair	31.84	31.90	

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

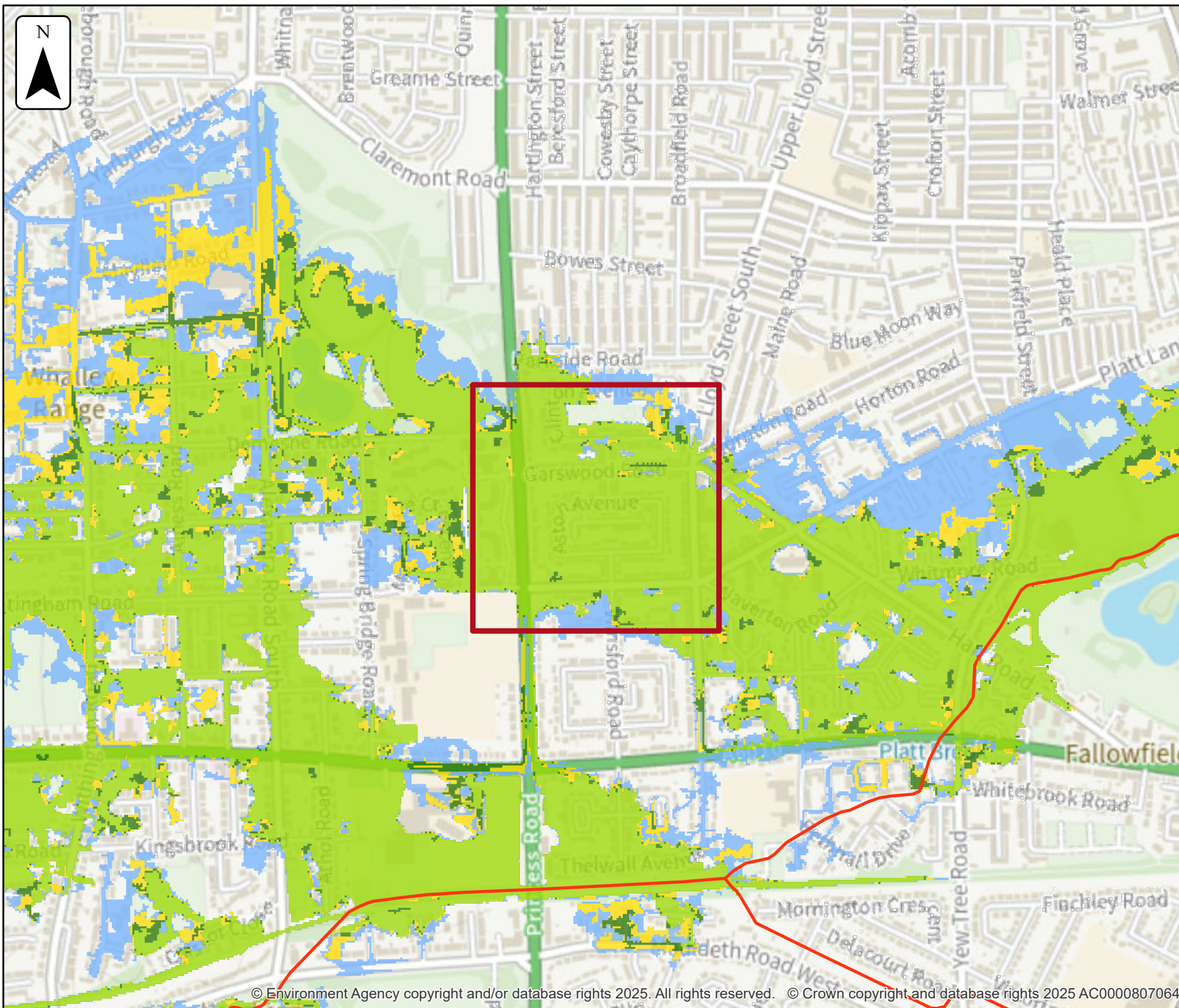
The climate change data included in the models may not include the latest [flood risk assessment climate change allowances](#). Where the new allowances are not available you will need to consider this data and factor in the new allowances to demonstrate the development will be safe from flooding.

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



Defences removed climate change modelled fluvial extent

Location (easting/northing)
384001/394571

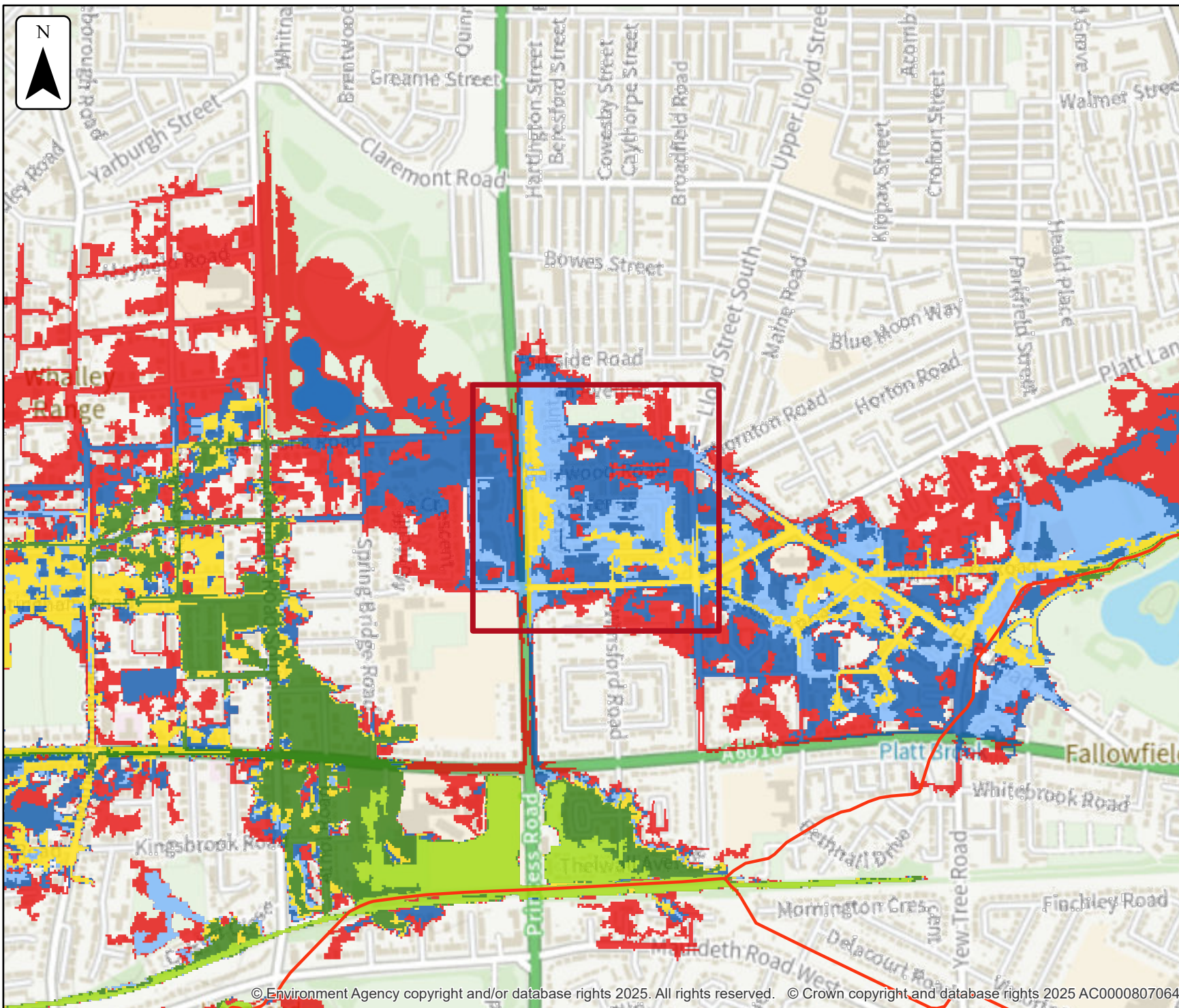
Scale Created
1:10,000 11 Jul 2025

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



Defences removed modelled fluvial extent

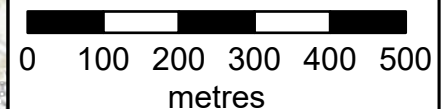
Location (easting/northing)
384001/394571

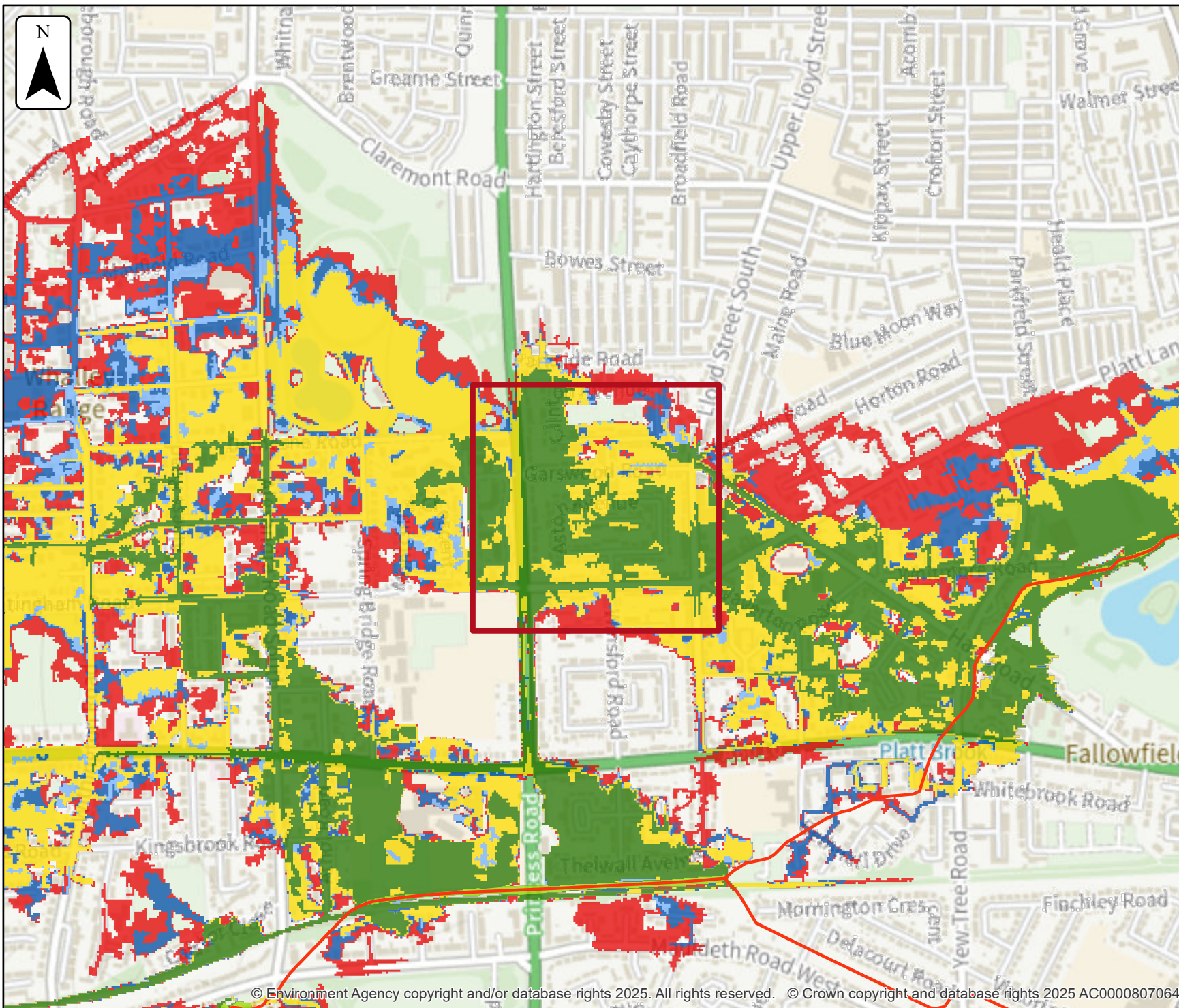
Scale Created
1:10,000 11 Jul 2025

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





Defended climate change modelled fluvial extent

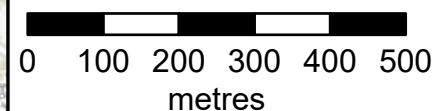
Location (easting/northing)
384001/394571

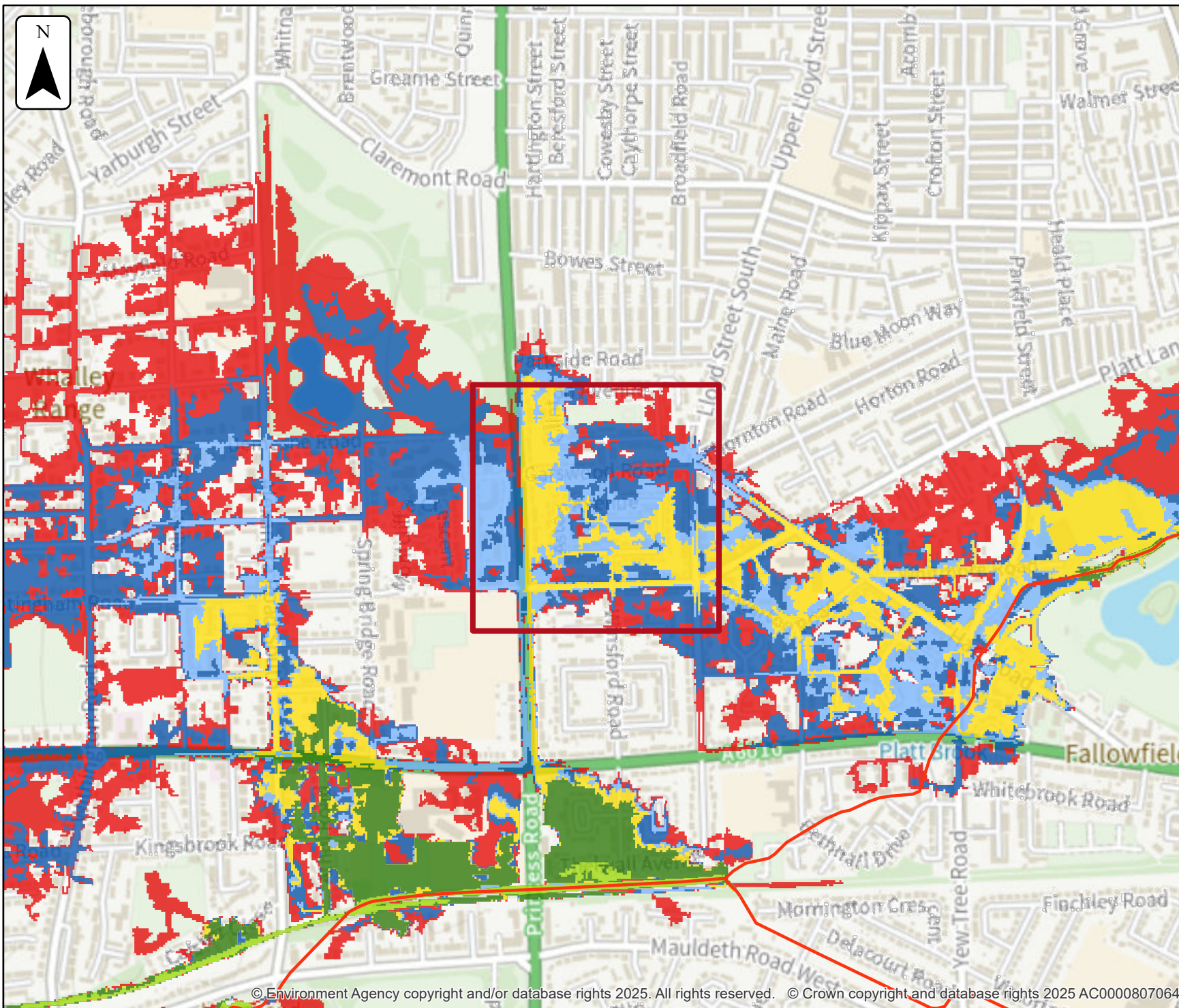
Scale Created
1:10,000 11 Jul 2025

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





Defended modelled fluvial extent

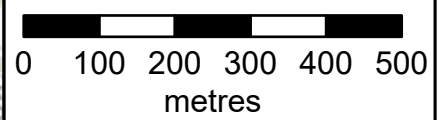
Location (easting/northing)
384001/394571

Scale Created
1:10,000 11 Jul 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





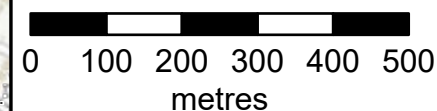
Defences removed climate change modelled fluvial node locations

Location (easting/northing)
384001/394571

Scale Created
1:10,000 11 Jul 2025

Model name
**Chorlton Platt Gore
2024**

-  Selected area
-  Modelled location
-  Main river



Modelled node locations data

Defences removed climate change

Label	Modelled location ID	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
				Level	Level	Level	Level
1	1600820	383688	393822	31.13	31.14	31.18	31.24
2	1600962	383772	393827	31.16	31.18	31.21	31.26
3	1600982	383850	393830	31.27	31.28	31.29	31.32
4	1600855	383896	393832	31.44	31.45	31.50	31.57
5	1600854	383973	393836	31.73	31.75	31.81	31.90
6	1600859	384062	393840	31.80	31.81	31.86	31.93
7	1600941	384184	393847	32.20	32.20	32.23	32.26
8	1600837	384252	393852	32.25	32.25	32.29	32.33
9	1600999	384796	394358	35.66	35.69	35.77	35.97
10	1600893	384828	394410	35.66	35.69	35.77	35.96

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	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
				Flow	Flow	Flow	Flow
1	1600820	383688	393822	22.89	22.89	22.91	22.97
2	1600962	383772	393827	23.18	23.23	23.71	25.08
3	1600982	383850	393830	29.51	30.11	31.84	34.94
4	1600855	383896	393832	28.10	28.36	29.86	31.81
5	1600854	383973	393836	23.97	23.85	24.26	25.13
6	1600859	384062	393840	28.72	29.02	29.56	30.61
7	1600941	384184	393847	26.14	26.34	28.26	31.83
8	1600837	384252	393852	30.12	30.82	32.46	36.21
9	1600999	384796	394358	15.85	15.87	15.99	15.98
10	1600893	384828	394410	15.84	15.87	15.99	15.98

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.



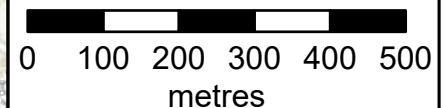
Defences removed modelled fluvial node locations

Location (easting/northing)
384001/394571

Scale Created
1:10,000 11 Jul 2025

Model name
**Chorlton Platt Gore
2024**

-  Selected area
-  Modelled location
-  Main river



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	1600820	383688	393822	29.69	29.93	30.18	30.70	30.92	31.01	31.05	31.05	31.11	31.18
2	1600962	383772	393827	30.33	30.56	30.73	30.91	30.99	31.06	31.09	31.09	31.14	31.21
3	1600982	383850	393830	30.65	30.92	31.08	31.18	31.21	31.23	31.24	31.28	31.26	31.29
4	1600855	383896	393832	30.63	30.94	31.13	31.27	31.30	31.34	31.36	31.38	31.41	31.49
5	1600854	383973	393836	30.88	31.16	31.34	31.47	31.51	31.54	31.59	31.63	31.68	31.80
6	1600859	384062	393840	31.15	31.39	31.52	31.63	31.66	31.69	31.71	31.73	31.76	31.85
7	1600941	384184	393847	31.44	31.71	31.85	32.0	32.06	32.11	32.14	32.15	32.17	32.22
8	1600837	384252	393852	31.59	31.80	31.93	32.05	32.11	32.15	32.17	32.19	32.21	32.28
9	1600999	384796	394358	33.35	33.66	33.89	34.14	34.45	35.01	35.30	35.41	35.55	35.78
10	1600893	384828	394410	33.35	33.66	33.89	34.15	34.45	35.01	35.31	35.41	35.56	35.78

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.

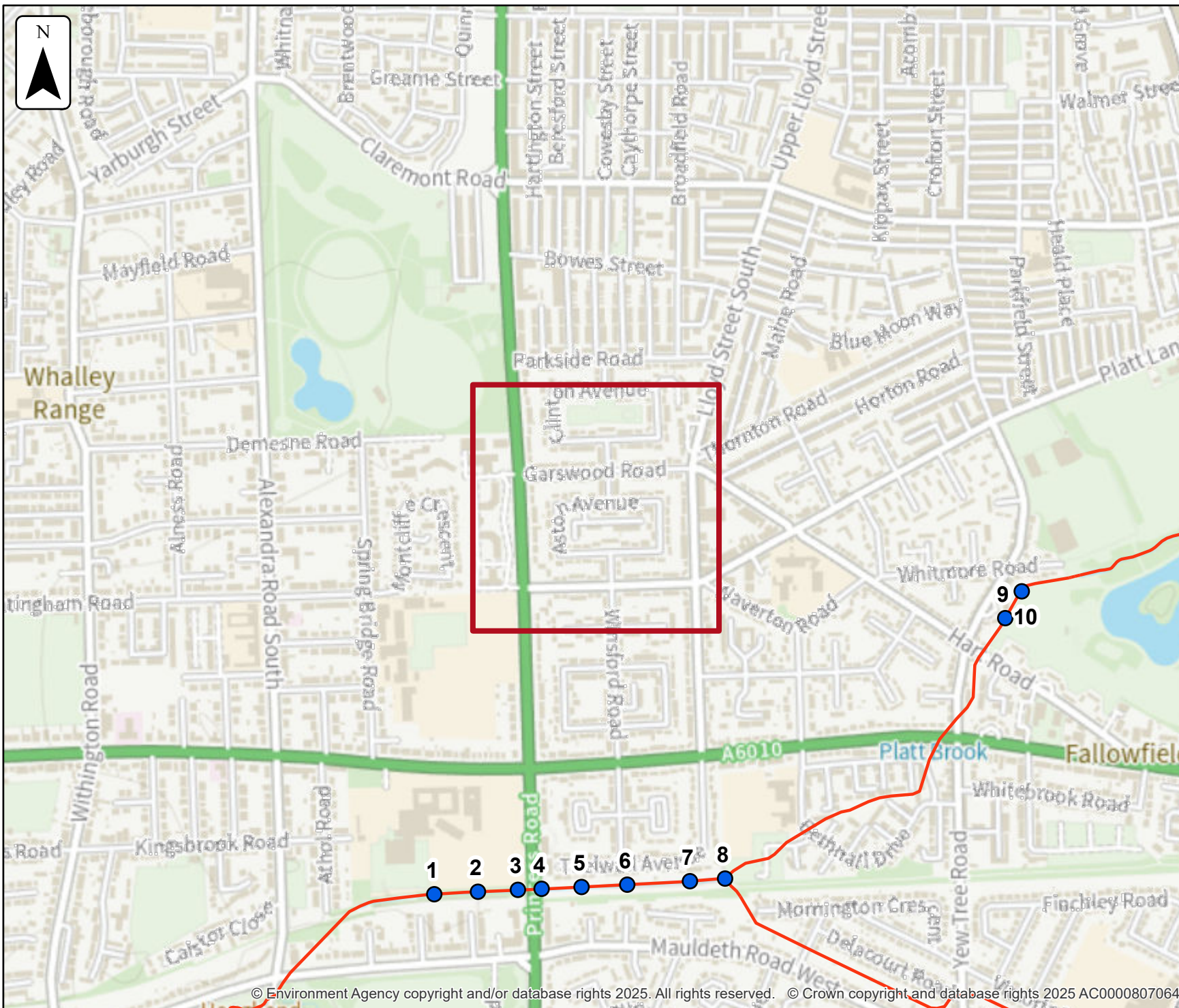
Defences removed

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	1600820	383688	393822	12.15	16.84	19.73	21.83	22.36	22.64	22.73	23.87	22.84	22.97
2	1600962	383772	393827	12.15	16.85	19.76	21.77	22.24	22.60	22.74	24.53	23.04	23.45
3	1600982	383850	393830	12.16	16.85	19.84	22.69	24.01	25.0	26.02	27.10	28.36	31.51
4	1600855	383896	393832	12.16	16.84	19.75	22.38	23.55	24.38	25.21	26.04	27.16	29.43
5	1600854	383973	393836	12.16	16.17	18.16	20.44	21.55	22.43	23.09	23.50	23.61	24.54
6	1600859	384062	393840	12.16	16.87	19.85	23.30	25.02	26.45	27.23	27.83	28.21	29.49
7	1600941	384184	393847	12.17	15.38	17.52	19.99	21.20	22.48	23.52	24.17	24.98	27.99
8	1600837	384252	393852	11.95	16.52	19.52	22.88	24.52	26.21	27.56	28.24	29.25	32.09
9	1600999	384796	394358	6.25	9.07	11.19	13.50	14.70	15.27	15.86	15.97	15.90	16.05
10	1600893	384828	394410	6.25	9.07	11.19	13.50	14.70	15.27	15.86	15.97	15.90	16.05

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.



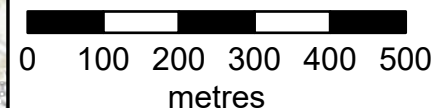
Defended climate change modelled fluvial node locations

Location (easting/northing)
384001/394571

Scale Created
1:10,000 11 Jul 2025

Model name
**Chorlton Platt Gore
2024**

-  Selected area
-  Modelled location
-  Main river



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	1600820	383688	393822	29.97	31.12	31.16	31.16	31.18	31.23
2	1600962	383772	393827	30.59	31.27	31.29	31.29	31.30	31.32
3	1600982	383850	393830	30.95	31.48	31.53	31.54	31.56	31.61
4	1600855	383896	393832	30.98	31.59	31.67	31.69	31.73	31.81
5	1600854	383973	393836	31.18	31.69	31.78	31.80	31.85	31.95
6	1600859	384062	393840	31.45	31.87	31.96	31.97	32.01	32.06
7	1600941	384184	393847	31.74	32.16	32.20	32.21	32.23	32.28
8	1600837	384252	393852	31.89	32.30	32.34	32.35	32.37	32.41
9	1600999	384796	394358	33.70	35.56	35.76	35.80	35.88	36.13
10	1600893	384828	394410	33.70	35.56	35.76	35.79	35.88	36.12

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.

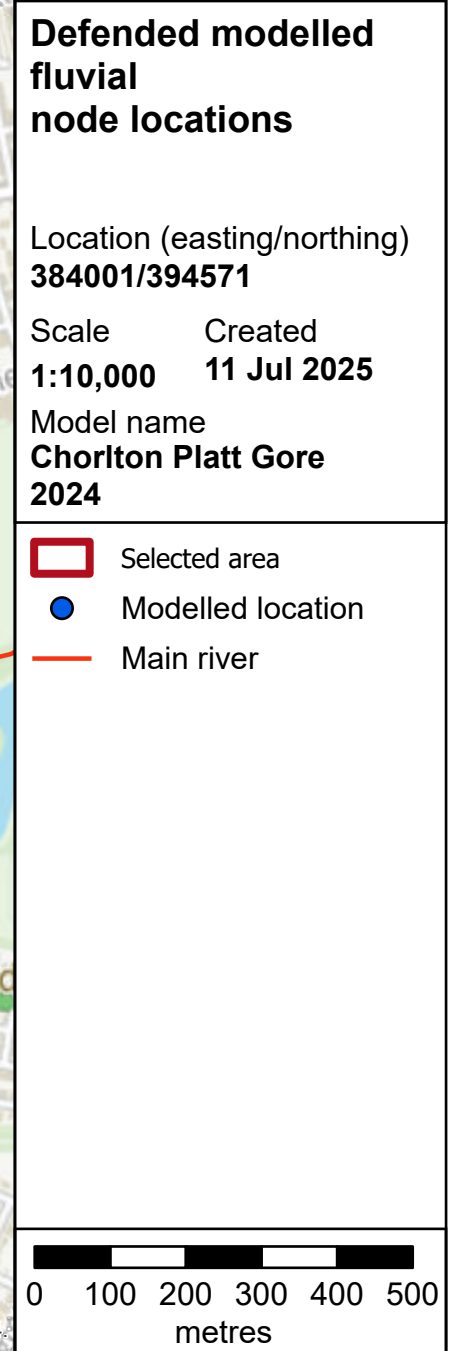
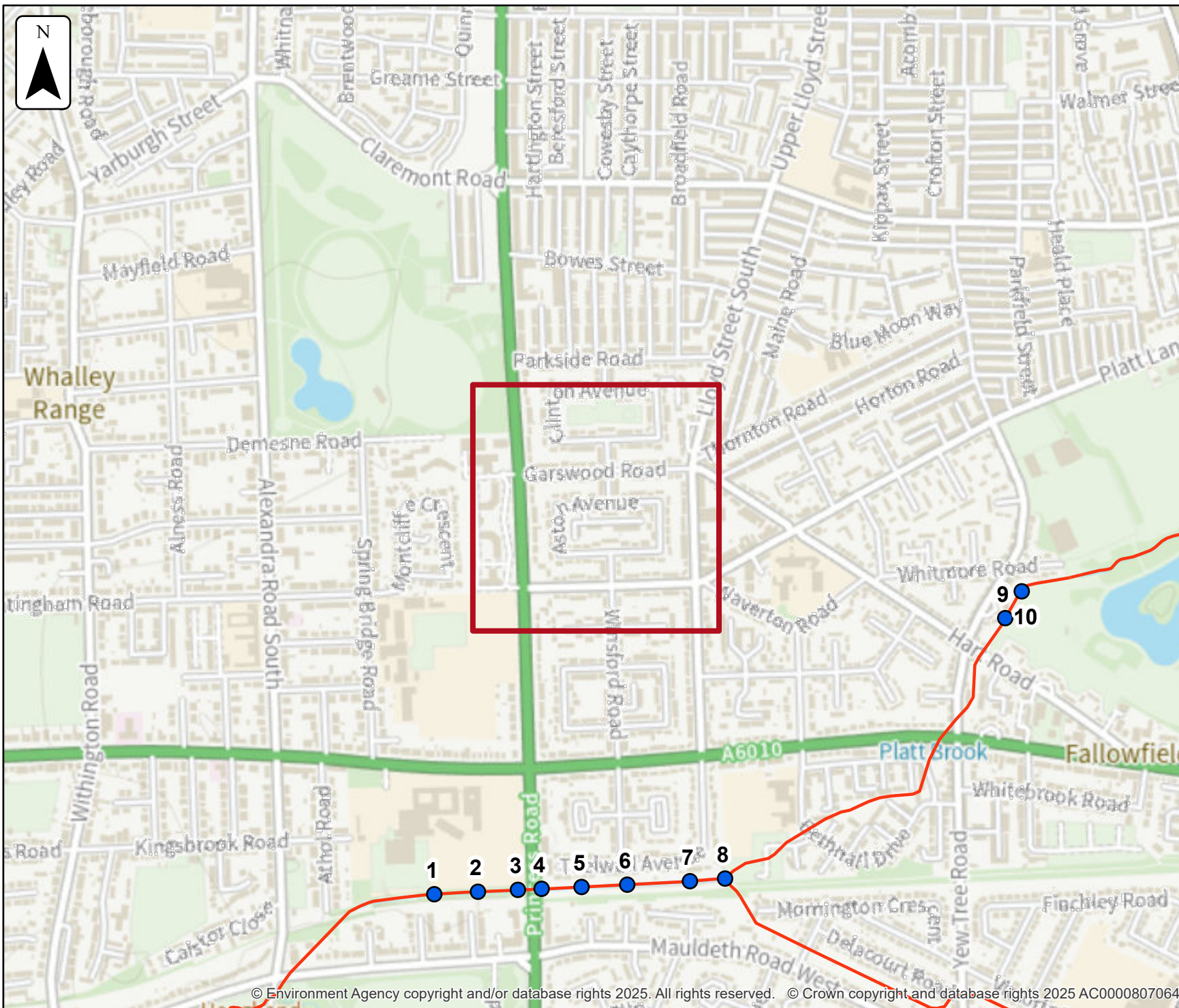
Defended climate change

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	1600820	383688	393822	17.47	24.61	25.37	25.62	26.14	27.13
2	1600962	383772	393827	17.47	25.03	27.36	27.88	29.08	31.34
3	1600982	383850	393830	17.48	25.17	27.83	28.46	29.96	33.05
4	1600855	383896	393832	17.48	25.21	26.89	27.28	28.13	29.92
5	1600854	383973	393836	17.48	25.30	26.35	26.62	27.17	28.0
6	1600859	384062	393840	17.48	26.55	28.14	28.51	29.35	30.71
7	1600941	384184	393847	17.49	27.77	30.07	30.64	32.03	34.97
8	1600837	384252	393852	17.11	27.41	29.89	30.54	32.19	35.98
9	1600999	384796	394358	9.44	15.27	15.17	15.40	15.41	15.09
10	1600893	384828	394410	9.44	15.29	15.20	15.43	15.44	15.14

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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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	1600820	383688	393822	29.69	29.93	30.18	30.82	31.04	31.09	31.11	31.12	31.14	31.18
2	1600962	383772	393827	30.33	30.56	30.74	31.04	31.21	31.25	31.26	31.26	31.28	31.30
3	1600982	383850	393830	30.65	30.92	31.08	31.30	31.42	31.46	31.47	31.48	31.50	31.56
4	1600855	383896	393832	30.63	30.95	31.14	31.38	31.52	31.56	31.58	31.59	31.63	31.72
5	1600854	383973	393836	30.88	31.15	31.32	31.52	31.63	31.67	31.68	31.69	31.74	31.84
6	1600859	384062	393840	31.16	31.42	31.58	31.76	31.83	31.86	31.87	31.87	31.93	32.0
7	1600941	384184	393847	31.44	31.71	31.87	32.04	32.10	32.13	32.14	32.15	32.17	32.23
8	1600837	384252	393852	31.59	31.85	32.01	32.17	32.23	32.27	32.28	32.29	32.32	32.37
9	1600999	384796	394358	33.35	33.66	33.89	34.15	34.52	35.11	35.47	35.56	35.68	35.91
10	1600893	384828	394410	33.35	33.66	33.89	34.15	34.52	35.11	35.47	35.56	35.68	35.91

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	1600820	383688	393822	12.19	16.86	19.90	23.10	23.99	24.39	24.52	24.64	24.93	25.88
2	1600962	383772	393827	12.19	16.86	19.93	23.24	24.14	24.55	24.75	25.0	26.17	28.84
3	1600982	383850	393830	12.19	16.87	19.95	23.30	24.25	24.65	24.91	25.15	26.47	29.67
4	1600855	383896	393832	12.20	16.87	19.96	23.31	24.27	24.71	24.97	25.19	25.95	27.96
5	1600854	383973	393836	12.20	16.87	19.96	23.34	24.32	24.77	25.13	25.28	25.76	27.07
6	1600859	384062	393840	12.20	16.88	19.97	23.39	24.71	25.74	26.12	26.52	27.30	29.20
7	1600941	384184	393847	12.20	16.88	19.97	23.40	25.01	26.56	27.13	27.72	28.92	31.79
8	1600837	384252	393852	11.95	16.52	19.53	22.89	24.47	26.10	26.75	27.38	28.65	31.88
9	1600999	384796	394358	6.25	9.07	11.19	13.50	14.59	15.17	15.15	15.23	15.17	15.18
10	1600893	384828	394410	6.25	9.07	11.19	13.50	14.59	15.17	15.16	15.25	15.20	15.15

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 modelled fluvial extent and height

Location (easting/northing)
384001/394571

Scale Created
1:5,000 11 Jul 2025

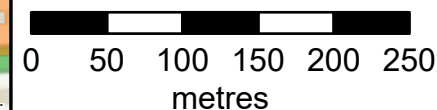
Model name
**Chorlton Platt Gore
2024**

-  Selected area
-  Main river

Modelled 2D grid
Water level in mAOD

-  0 - 4.375
-  4.375 - 8.75
-  8.75 - 13.125
-  13.125 - 17.5
-  17.5 - 21.875
-  21.875 - 26.25
-  26.25 - 30.625
-  30.625 - 35.0
-  35.0 - 39.375

This map shows the
0.1% AEP height data



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
			Height	Height	Height	Height	Height	Height	Height	Height	Height	Height
1	383770	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
2	383885	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
3	384000	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
4	384115	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	31.72	31.95
5	384230	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	32.23	32.32
6	383770	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	30.83	31.02	31.23
7	383885	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	31.38	31.46
8	384000	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	31.53	31.61
9	384115	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	31.70	31.78	31.88
10	384230	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	32.17	32.26	32.38
11	383770	394570	NoData	NoData	NoData	NoData	NoData	NoData	NoData	30.79	31.01	31.19
12	383885	394570	NoData	NoData	NoData	NoData	NoData	NoData	31.15	31.29	31.39	31.50

[illegible]

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	384230	394800	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			NoData	NoData	NoData	NoData	NoData	NoData	32.13	32.30	32.33	32.46

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
			Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth
1	383770	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
2	383885	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
3	384000	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
4	384115	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.11	0.34
5	384230	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.11	0.20
6	383770	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.03	0.23	0.43
7	383885	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.01	0.05
8	384000	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.01	0.08
9	384115	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.01	0.09	0.19
10	384230	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.02	0.12	0.23
11	383770	394570	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.36	0.58	0.76
12	383885	394570	NoData	NoData	NoData	NoData	NoData	NoData	0.17	0.31	0.42	0.52

[illegible]

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	384230	394800	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			NoData	NoData	NoData	NoData	NoData	NoData	0.41	0.55	0.69	0.86

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 modelled fluvial extent and height

Location (easting/northing)
384001/394571

Scale Created
1:5,000 11 Jul 2025

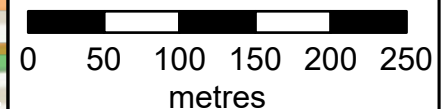
Model name
**Chorlton Platt Gore
2024**

-  Selected area
-  Main river

Modelled 2D grid
Water level in mAOD

-  0 - 4.375
-  4.375 - 8.75
-  8.75 - 13.125
-  13.125 - 17.5
-  17.5 - 21.875
-  21.875 - 26.25
-  26.25 - 30.625
-  30.625 - 35.0
-  35.0 - 39.375

This map shows the
0.1% AEP height data



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
			Height	Height	Height	Height	Height	Height	Height	Height	Height	Height
1	383770	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
2	383885	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
3	384000	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
4	384115	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	31.95
5	384230	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	32.21	32.32
6	383770	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	30.97	31.21
7	383885	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	31.36	31.46
8	384000	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	31.61
9	384115	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	31.77	31.88
10	384230	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	32.15	32.24	32.38
11	383770	394570	NoData	NoData	NoData	NoData	NoData	NoData	NoData	30.47	30.97	31.18
12	383885	394570	NoData	NoData	NoData	NoData	NoData	NoData	31.07	31.19	31.37	31.50

[illegible]

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	384230	394800	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			NoData	NoData	NoData	NoData	NoData	NoData	32.11	32.30	32.33	32.46

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
			Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth	Depth
1	383770	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
2	383885	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
3	384000	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
4	384115	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.34
5	384230	394340	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.09	0.20
6	383770	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.17	0.42
7	383885	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.00	0.05
8	384000	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.08
9	384115	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.08	0.19
10	384230	394455	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.00	0.10	0.23
11	383770	394570	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.04	0.53	0.74
12	383885	394570	NoData	NoData	NoData	NoData	NoData	NoData	0.10	0.21	0.39	0.52

[illegible]

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	384230	394800	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			NoData	NoData	NoData	NoData	NoData	NoData	0.30	0.45	0.64	0.85

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 climate change modelled fluvial extent and height

Location (easting/northing)
384001/394571

Scale Created
1:5,000 11 Jul 2025

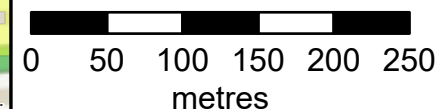
Model name
**Chorlton Platt Gore
2024**

-  Selected area
-  Main river

Modelled 2D grid
Water level in mAOD

-  30 - 30.625
-  30.625 - 31.25
-  31.25 - 31.875
-  31.875 - 32.5
-  32.5 - 33.125
-  33.125 - 33.75
-  33.75 - 34.375
-  34.375 - 35.0
-  35.0 - 35.625

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



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%)
			Height	Height	Height	Height	Height
1	383770	394340	NoData	NoData	NoData	NoData	NoData
2	383885	394340	NoData	NoData	NoData	NoData	NoData
3	384000	394340	NoData	NoData	NoData	NoData	31.90
4	384115	394340	NoData	NoData	31.85	31.88	32.12
5	384230	394340	NoData	NoData	32.26	32.28	32.48
6	383770	394455	NoData	30.83	31.13	31.16	31.40
7	383885	394455	NoData	NoData	31.42	31.43	31.54
8	384000	394455	NoData	NoData	31.56	31.58	31.72
9	384115	394455	NoData	31.70	31.82	31.83	31.99
10	384230	394455	NoData	32.17	32.31	32.32	32.50
11	383770	394570	NoData	30.80	31.10	31.12	31.35
12	383885	394570	NoData	31.29	31.45	31.46	31.58

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	384000	394570	NoData	NoData	31.47	31.49	31.66
14	384115	394570	NoData	NoData	31.73	31.74	31.87
15	384230	394570	NoData	NoData	32.26	32.27	32.44
16	383770	394685	NoData	30.78	31.07	31.09	31.27
17	383885	394685	NoData	31.29	31.45	31.46	31.55
18	384000	394685	NoData	NoData	31.49	31.49	31.61
19	384115	394685	NoData	NoData	31.75	31.76	31.85
20	384230	394685	NoData	NoData	32.17	32.18	32.29
21	383770	394800	NoData	NoData	30.73	30.75	30.89
22	383885	394800	NoData	31.29	31.45	31.46	31.54
23	384000	394800	NoData	NoData	NoData	NoData	31.60
24	384115	394800	NoData	NoData	NoData	NoData	31.78

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	384230	394800	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			NoData	32.30	32.38	32.40	32.57

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 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	383770	394340	NoData	NoData	NoData	NoData	NoData
2	383885	394340	NoData	NoData	NoData	NoData	NoData
3	384000	394340	NoData	NoData	NoData	NoData	0.24
4	384115	394340	NoData	NoData	0.23	0.26	0.50
5	384230	394340	NoData	NoData	0.14	0.16	0.36
6	383770	394455	NoData	0.03	0.33	0.36	0.61
7	383885	394455	NoData	NoData	0.03	0.03	0.13
8	384000	394455	NoData	NoData	0.03	0.04	0.19
9	384115	394455	NoData	0.01	0.13	0.14	0.30
10	384230	394455	NoData	0.02	0.16	0.17	0.35
11	383770	394570	NoData	0.37	0.66	0.69	0.92
12	383885	394570	NoData	0.31	0.47	0.49	0.60

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	384000	394570	NoData	NoData	0.13	0.15	0.31
14	384115	394570	NoData	NoData	0.04	0.04	0.16
15	384230	394570	NoData	NoData	0.09	0.10	0.28
16	383770	394685	NoData	0.01	0.30	0.32	0.50
17	383885	394685	NoData	0.23	0.39	0.40	0.48
18	384000	394685	NoData	NoData	0.01	0.01	0.12
19	384115	394685	NoData	NoData	0.06	0.07	0.16
20	384230	394685	NoData	NoData	0.01	0.02	0.12
21	383770	394800	NoData	NoData	0.03	0.05	0.19
22	383885	394800	NoData	0.16	0.32	0.33	0.41
23	384000	394800	NoData	NoData	NoData	NoData	0.08
24	384115	394800	NoData	NoData	NoData	NoData	0.07

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	384230	394800	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			NoData	0.55	0.77	0.80	1.03

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 climate change modelled fluvial extent and height

Location (easting/northing)
384001/394571

Scale Created
1:5,000 11 Jul 2025

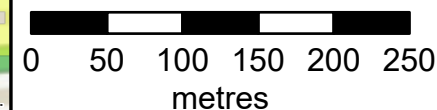
Model name
**Chorlton Platt Gore
2024**

-  Selected area
-  Main river

Modelled 2D grid
Water level in mAOD

-  30 - 30.625
-  30.625 - 31.25
-  31.25 - 31.875
-  31.875 - 32.5
-  32.5 - 33.125
-  33.125 - 33.75
-  33.75 - 34.375
-  34.375 - 35.0
-  35.0 - 35.625

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



Sample point data

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	383770	394340	NoData	NoData	NoData	NoData
2	383885	394340	NoData	NoData	NoData	NoData
3	384000	394340	NoData	NoData	NoData	31.90
4	384115	394340	31.83	31.87	31.93	32.12
5	384230	394340	32.26	32.27	32.30	32.48
6	383770	394455	31.10	31.13	31.19	31.39
7	383885	394455	31.42	31.43	31.45	31.53
8	384000	394455	31.56	31.57	31.60	31.72
9	384115	394455	31.81	31.83	31.86	31.99
10	384230	394455	32.30	32.32	32.36	32.50
11	383770	394570	31.07	31.10	31.16	31.35
12	383885	394570	31.44	31.46	31.49	31.58

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Height	Height	Height	Height
13	384000	394570	31.46	31.49	31.52	31.66
14	384115	394570	31.73	31.74	31.76	31.87
15	384230	394570	32.25	32.27	32.30	32.44
16	383770	394685	31.05	31.08	31.12	31.27
17	383885	394685	31.44	31.46	31.48	31.54
18	384000	394685	31.49	31.49	31.50	31.61
19	384115	394685	31.75	31.76	31.77	31.85
20	384230	394685	32.17	32.18	32.19	32.29
21	383770	394800	30.72	30.74	30.77	30.89
22	383885	394800	31.44	31.46	31.48	31.54
23	384000	394800	NoData	NoData	NoData	31.60
24	384115	394800	NoData	NoData	NoData	31.78

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Height	Height	Height	Height
25	384230	394800	NoData	NoData	NoData	NoData
Max value in selected area:			32.37	32.39	32.44	32.57

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 climate change

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth
1	383770	394340	NoData	NoData	NoData	NoData
2	383885	394340	NoData	NoData	NoData	NoData
3	384000	394340	NoData	NoData	NoData	0.24
4	384115	394340	0.22	0.26	0.31	0.50
5	384230	394340	0.14	0.15	0.18	0.36
6	383770	394455	0.31	0.34	0.40	0.60
7	383885	394455	0.02	0.03	0.04	0.12
8	384000	394455	0.03	0.04	0.07	0.19
9	384115	394455	0.12	0.14	0.17	0.30
10	384230	394455	0.15	0.17	0.21	0.35
11	383770	394570	0.64	0.67	0.73	0.91
12	383885	394570	0.47	0.48	0.51	0.60

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth
13	384000	394570	0.12	0.14	0.18	0.31
14	384115	394570	0.04	0.04	0.05	0.16
15	384230	394570	0.09	0.10	0.13	0.28
16	383770	394685	0.28	0.30	0.35	0.49
17	383885	394685	0.38	0.40	0.42	0.48
18	384000	394685	0.01	0.01	0.01	0.12
19	384115	394685	0.06	0.07	0.09	0.16
20	384230	394685	0.01	0.02	0.03	0.12
21	383770	394800	0.02	0.04	0.06	0.19
22	383885	394800	0.31	0.32	0.35	0.41
23	384000	394800	NoData	NoData	NoData	0.08
24	384115	394800	NoData	NoData	NoData	0.08

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth
25	384230	394800	NoData	NoData	NoData	NoData
Max value in selected area:			0.75	0.78	0.83	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.

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.

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