

Flood risk assessment data



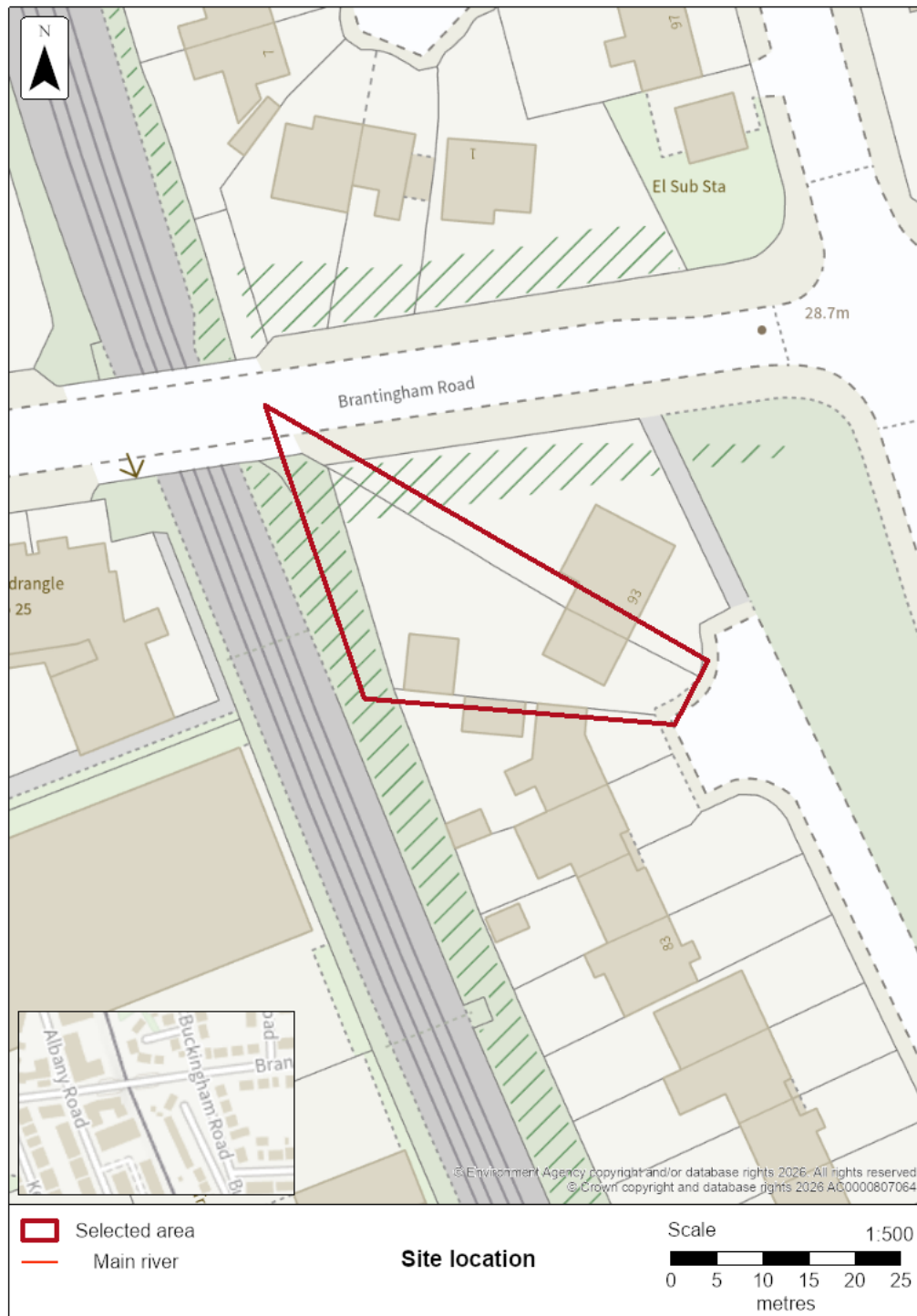
Location of site: 381816 / 394308 (shown as easting and northing coordinates)

Document created on: 19 January 2026

This information was previously known as a product 4.

Customer reference number: 5F88BP87GV88

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)
- 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
- flood defences and attributes

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.

We aren't able to display flood defence locations and attributes as there are no formal flood defences in the area of interest.

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

Model name: Corn Brook 2017

Scenario(s): No defences exist fluvial, no defences exist climate change fluvial

Date: 31 December 2017

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 2.

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



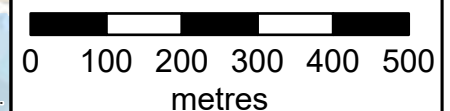
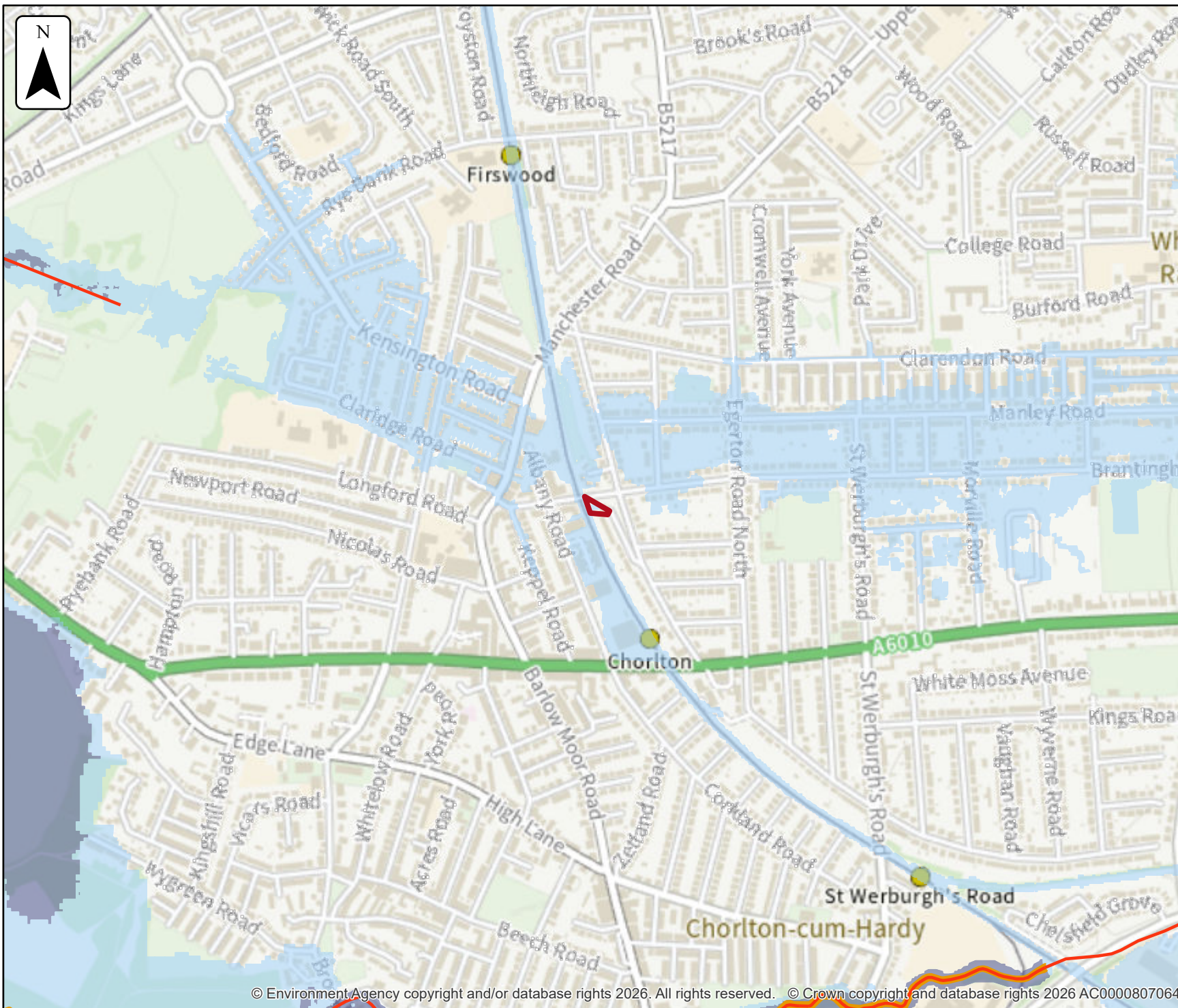
Flood map for planning

Location (easting/northing)
381816/394308

Scale
1:10,000

Created
19 Jan 2026

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



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

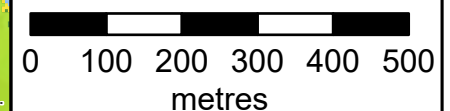
Location (easting/northing)
381816/394308

Scale Created
1:10,000 19 Jan 2026

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





Defences removed modelled fluvial extent

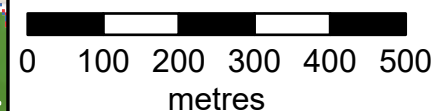
Location (easting/northing)
381816/394308

Scale Created
1:10,000 19 Jan 2026

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

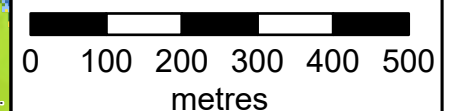
Location (easting/northing)
381816/394308

Scale Created
1:10,000 19 Jan 2026

Model name
**Chorlton Platt Gore
2024**

-  Selected area
 Main river
- Modelled flood extent
-  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

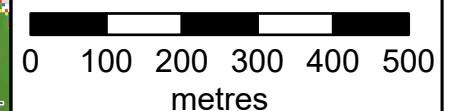
Location (easting/northing)
381816/394308

Scale Created
1:10,000 19 Jan 2026

Model name
**Chorlton Platt Gore
2024**

-  Selected area
-  Main river
- Modelled flood extent
 -  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





**No defences exist
climate change
modelled fluvial extent**

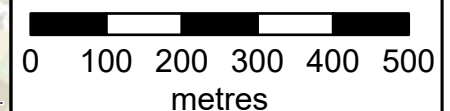
Location (easting/northing)
381816/394308

Scale Created
1:10,000 19 Jan 2026

Model name
Corn Brook 2017

-  Selected area
-  Main river
- Modelled flood extent
 -  0.1% AEP (+30%)

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





No defences exist modelled fluvial extent

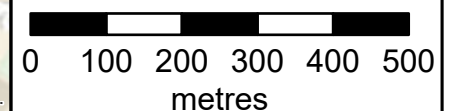
Location (easting/northing)
381816/394308

Scale Created
1:10,000 19 Jan 2026

Model name
Corn Brook 2017

-  Selected area
-  Main river
- Modelled flood extent
-  0.1% AEP

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





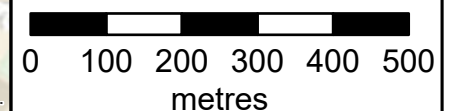
Defended modelled fluvial node locations

Location (easting/northing)
381816/394308

Scale Created
1:10,000 19 Jan 2026

Model name
**Chorlton Platt Gore
2024**

-  Selected area
-  Modelled location
-  Main river



Modelled node locations data

Defended

Label	Modelled location ID	Easting	Northing	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
				Level	Level	Level	Level	Level	Level
1	1600871	381304	393335	23.72	23.75	23.78	23.79	23.83	23.97
2	1600919	381365	393357	23.78	23.82	23.84	23.86	23.92	24.44
3	1600924	382228	393341	27.93	27.99	28.01	28.03	28.08	28.29
4	1601001	382285	393354	27.96	28.01	28.04	28.05	28.09	28.31
5	1600899	382352	393338	28.06	28.11	28.14	28.16	28.20	28.44
6	1600918	382443	393388	28.05	28.09	28.13	28.15	28.19	28.42
7	1600944	382535	393402	28.11	28.16	28.19	28.21	28.25	28.49
8	1600943	382570	393413	28.13	28.17	28.21	28.22	28.27	28.51
9	1600819	382630	393394	28.11	28.16	28.19	28.21	28.25	28.50
10	1600831	382687	393416	28.14	28.20	28.25	28.27	28.33	28.59

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	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
				Flow	Flow	Flow	Flow	Flow	Flow
1	1600871	381304	393335	24.30	24.86	25.26	25.51	26.23	28.76
2	1600919	381365	393357	24.19	24.76	25.13	25.38	26.12	28.51
3	1600924	382228	393341	24.20	24.34	24.31	24.37	24.53	25.06
4	1601001	382285	393354	20.52	20.78	20.50	20.66	20.91	21.70
5	1600899	382352	393338	19.41	19.54	19.66	19.70	19.78	20.12
6	1600918	382443	393388	25.47	25.87	26.04	26.20	26.63	28.59
7	1600944	382535	393402	25.64	25.98	26.22	26.36	26.81	28.60
8	1600943	382570	393413	25.29	25.53	25.68	26.04	26.46	28.08
9	1600819	382630	393394	25.52	25.80	25.96	26.06	26.64	28.06
10	1600831	382687	393416	25.62	25.91	26.09	26.19	26.41	26.95

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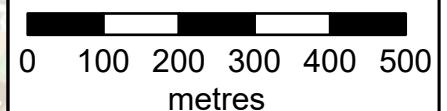
Defences removed modelled fluvial node locations

Location (easting/northing)
381816/394308

Scale Created
1:10,000 19 Jan 2026

Model name
**Chorlton Platt Gore
2024**

-  Selected area
-  Modelled location
-  Main river



Modelled node locations data

Defences removed

Label	Modelled location ID	Easting	Northing	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
1	1600871	381304	393335	23.61	23.63	23.65	23.67	23.67	23.70	23.78
2	1600919	381365	393357	23.70	23.73	23.75	23.77	23.78	23.82	23.94
3	1600924	382228	393341	27.83	27.92	27.98	28.01	28.01	28.07	28.27
4	1601001	382285	393354	27.84	27.94	28.0	28.02	28.03	28.09	28.29
5	1600899	382352	393338	27.98	28.05	28.09	28.12	28.16	28.19	28.45
6	1600918	382443	393388	27.97	28.04	28.08	28.11	28.15	28.17	28.44
7	1600944	382535	393402	28.02	28.09	28.14	28.17	28.21	28.24	28.51
8	1600943	382570	393413	28.04	28.11	28.16	28.19	28.22	28.25	28.53
9	1600819	382630	393394	28.03	28.10	28.15	28.17	28.21	28.24	28.51
10	1600831	382687	393416	28.06	28.13	28.18	28.22	28.27	28.32	28.59

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	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
1	1600871	381304	393335	23.44	24.16	24.69	25.08	25.22	26.0	28.51
2	1600919	381365	393357	23.33	24.07	24.54	24.99	25.12	25.86	28.28
3	1600924	382228	393341	23.82	24.03	24.23	24.17	24.29	24.44	24.85
4	1601001	382285	393354	20.22	20.54	20.50	20.70	21.41	20.80	22.12
5	1600899	382352	393338	19.18	19.31	19.38	19.51	20.36	19.62	21.06
6	1600918	382443	393388	24.64	25.22	25.64	25.83	25.87	26.48	28.20
7	1600944	382535	393402	24.78	25.30	25.74	25.97	25.99	26.53	28.23
8	1600943	382570	393413	24.49	24.93	25.23	25.38	25.61	26.33	27.61
9	1600819	382630	393394	24.66	25.13	25.45	25.64	25.51	26.14	27.74
10	1600831	382687	393416	24.73	25.22	25.56	25.76	25.64	26.13	26.50

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.

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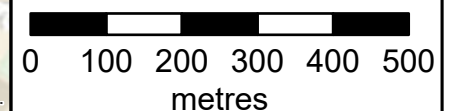
Defended climate change modelled fluvial node locations

Location (easting/northing)
381816/394308

Scale Created
1:10,000 19 Jan 2026

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	1600871	381304	393335	23.43	23.80	23.88	23.92	24.01	24.19
2	1600919	381365	393357	23.51	23.86	24.18	24.36	24.51	24.82
3	1600924	382228	393341	27.06	28.04	28.14	28.18	28.26	28.48
4	1601001	382285	393354	27.09	28.06	28.15	28.19	28.27	28.49
5	1600899	382352	393338	27.38	28.16	28.25	28.29	28.37	28.62
6	1600918	382443	393388	27.38	28.15	28.24	28.27	28.35	28.60
7	1600944	382535	393402	27.42	28.21	28.30	28.34	28.42	28.68
8	1600943	382570	393413	27.45	28.23	28.32	28.36	28.44	28.70
9	1600819	382630	393394	27.45	28.22	28.31	28.35	28.43	28.68
10	1600831	382687	393416	27.47	28.28	28.38	28.42	28.52	28.84

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.

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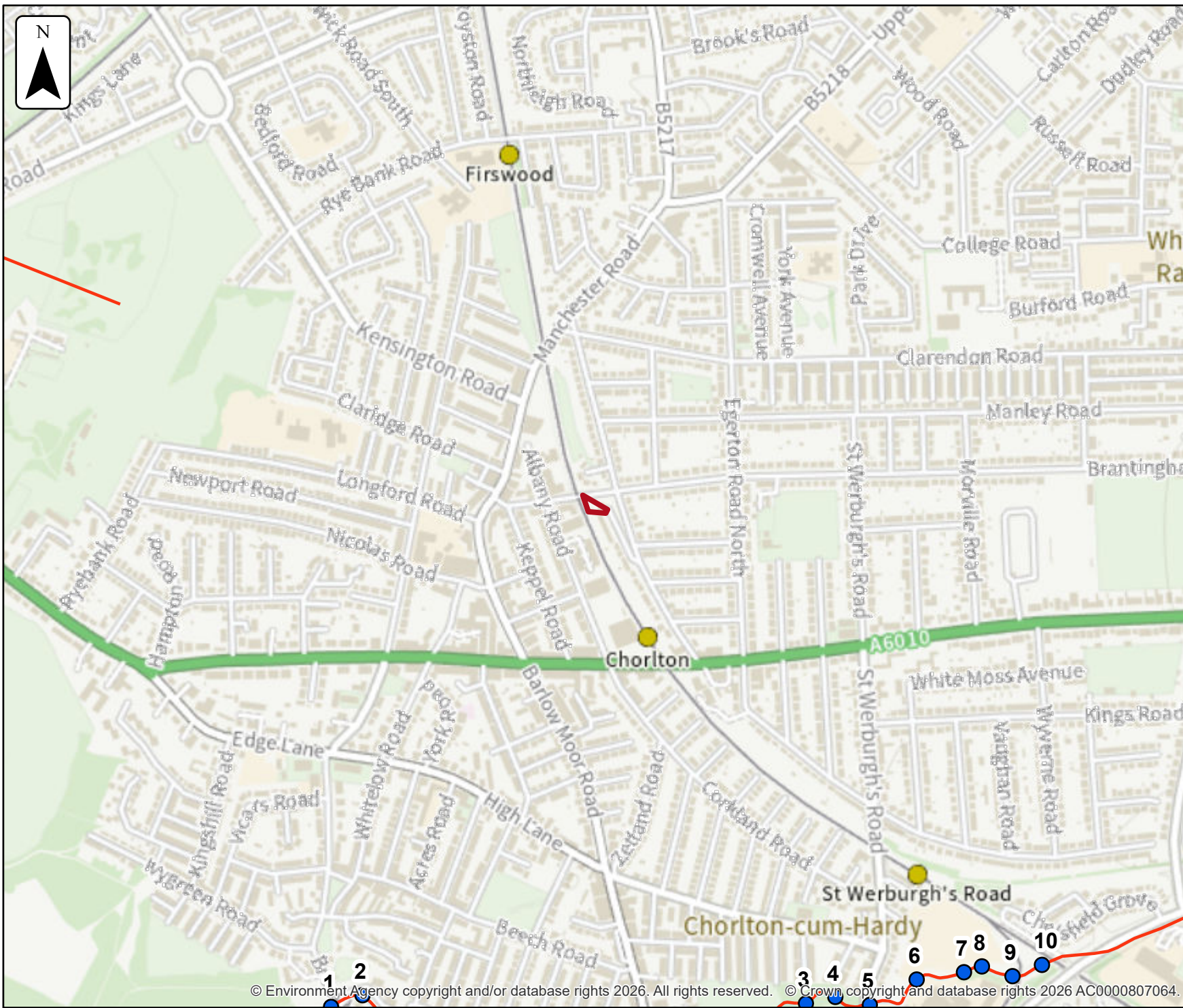
Defended climate change

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	1600871	381304	393335	19.41	25.59	27.16	27.85	29.54	33.05
2	1600919	381365	393357	19.30	25.45	26.99	27.59	29.32	32.97
3	1600924	382228	393341	19.39	24.33	24.57	24.57	24.66	25.14
4	1601001	382285	393354	18.41	20.56	20.95	21.0	22.0	25.18
5	1600899	382352	393338	18.36	19.65	19.80	19.81	19.86	20.16
6	1600918	382443	393388	20.02	26.17	26.98	27.55	29.09	32.59
7	1600944	382535	393402	20.11	26.35	27.47	27.58	29.20	32.35
8	1600943	382570	393413	19.88	25.90	26.57	26.87	28.34	32.37
9	1600819	382630	393394	19.96	26.04	26.57	26.92	28.28	33.04
10	1600831	382687	393416	20.0	26.17	26.53	26.59	26.73	27.22

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

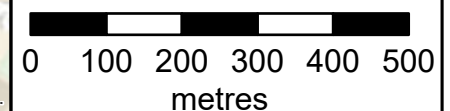
Level values are shown in mAOD, and flow values are shown in cubic metres per second.

Any blank cells show where a particular scenario has not been modelled for this location.



Scale	Created
1:10,000	19 Jan 2026

 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	1600871	381304	393335	23.73	23.75	23.81	23.94
2	1600919	381365	393357	23.87	23.89	24.04	24.56
3	1600924	382228	393341	28.12	28.16	28.25	28.47
4	1601001	382285	393354	28.14	28.18	28.26	28.48
5	1600899	382352	393338	28.24	28.27	28.35	28.61
6	1600918	382443	393388	28.22	28.26	28.34	28.59
7	1600944	382535	393402	28.29	28.33	28.41	28.68
8	1600943	382570	393413	28.31	28.35	28.43	28.69
9	1600819	382630	393394	28.29	28.33	28.42	28.67
10	1600831	382687	393416	28.36	28.41	28.52	28.83

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	1600871	381304	393335	27.01	27.61	29.31	33.07
2	1600919	381365	393357	26.83	27.42	29.06	32.96
3	1600924	382228	393341	24.51	24.53	24.63	25.07
4	1601001	382285	393354	20.77	20.87	21.87	24.97
5	1600899	382352	393338	19.69	19.76	19.80	20.03
6	1600918	382443	393388	27.06	27.30	28.90	32.40
7	1600944	382535	393402	27.35	27.63	28.92	32.16
8	1600943	382570	393413	26.35	26.74	28.15	32.21
9	1600819	382630	393394	26.70	26.71	28.27	32.86
10	1600831	382687	393416	26.28	26.35	26.50	27.05

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 modelled fluvial extent and height

Location (easting/northing)
381816/394308

Scale Created
1:500 19 Jan 2026

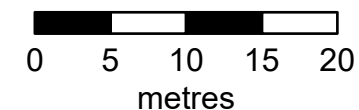
Model name
**Chorlton Platt Gore
2024**

-  Selected area
-  Main river

Modelled 2D grid
Water level in mAOD

-  0 - 3.625
-  3.625 - 7.25
-  7.25 - 10.875
-  10.875 - 14.5
-  14.5 - 18.125
-  18.125 - 21.75
-  21.75 - 25.375
-  25.375 - 29.0
-  29.0 - 32.625

This map shows the
0.1% AEP height data



Sample point data

Defended

Label	Easting	Northing	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Height	Height	Height	Height	Height	Height
1	381806	394290	NoData	NoData	NoData	NoData	27.44	27.77
2	381815	394290	NoData	NoData	NoData	NoData	NoData	27.77
3	381824	394290	NoData	NoData	NoData	NoData	NoData	NoData
4	381833	394290	NoData	NoData	NoData	NoData	NoData	NoData
5	381842	394290	NoData	NoData	NoData	NoData	NoData	NoData
6	381797	394299	25.79	26.07	26.55	26.89	27.44	27.77
7	381806	394299	NoData	NoData	NoData	NoData	27.44	27.77
8	381815	394299	NoData	NoData	NoData	NoData	NoData	27.77
9	381824	394299	NoData	NoData	NoData	NoData	NoData	NoData
10	381833	394299	NoData	NoData	NoData	NoData	NoData	NoData
11	381842	394299	NoData	NoData	NoData	NoData	NoData	NoData
12	381851	394299	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Height	Height	Height	Height	Height	Height
13	381797	394308	NoData	26.08	26.55	26.89	27.44	27.77
14	381806	394308	NoData	NoData	NoData	NoData	NoData	27.77
15	381815	394308	NoData	NoData	NoData	NoData	NoData	27.77
16	381824	394308	NoData	NoData	NoData	NoData	NoData	NoData
17	381833	394308	NoData	NoData	NoData	NoData	NoData	NoData
18	381842	394308	NoData	NoData	NoData	NoData	NoData	NoData
19	381788	394317	25.73	25.99	26.55	26.89	27.44	27.77
20	381797	394317	NoData	NoData	NoData	NoData	NoData	27.77
21	381806	394317	NoData	NoData	NoData	NoData	NoData	NoData
22	381815	394317	NoData	NoData	NoData	NoData	NoData	27.77
23	381824	394317	NoData	NoData	NoData	NoData	NoData	NoData
24	381833	394317	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Height	Height	Height	Height	Height	Height
25	381788	394326	NoData	25.99	26.55	26.89	27.44	27.77
26	381797	394326	NoData	NoData	NoData	NoData	NoData	NoData
27	381806	394326	NoData	NoData	NoData	NoData	NoData	NoData
28	381815	394326	NoData	NoData	NoData	NoData	NoData	NoData
29	381788	394335	NoData	NoData	NoData	NoData	NoData	NoData
30	381797	394335	NoData	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			Not Calculated	Not Calculated	Not Calculated	26.89	27.44	27.77

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	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Depth	Depth	Depth	Depth	Depth	Depth
1	381806	394290	NoData	NoData	NoData	NoData	0.17	0.25
2	381815	394290	NoData	NoData	NoData	NoData	NoData	0.00
3	381824	394290	NoData	NoData	NoData	NoData	NoData	NoData
4	381833	394290	NoData	NoData	NoData	NoData	NoData	NoData
5	381842	394290	NoData	NoData	NoData	NoData	NoData	NoData
6	381797	394299	0.48	0.76	1.24	1.58	2.13	2.46
7	381806	394299	NoData	NoData	NoData	NoData	0.05	0.09
8	381815	394299	NoData	NoData	NoData	NoData	NoData	0.01
9	381824	394299	NoData	NoData	NoData	NoData	NoData	NoData
10	381833	394299	NoData	NoData	NoData	NoData	NoData	NoData
11	381842	394299	NoData	NoData	NoData	NoData	NoData	NoData
12	381851	394299	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Depth	Depth	Depth	Depth	Depth	Depth
13	381797	394308	NoData	0.22	0.69	1.03	1.58	1.91
14	381806	394308	NoData	NoData	NoData	NoData	NoData	0.38
15	381815	394308	NoData	NoData	NoData	NoData	NoData	0.28
16	381824	394308	NoData	NoData	NoData	NoData	NoData	NoData
17	381833	394308	NoData	NoData	NoData	NoData	NoData	NoData
18	381842	394308	NoData	NoData	NoData	NoData	NoData	NoData
19	381788	394317	0.47	0.72	1.29	1.62	2.18	2.51
20	381797	394317	NoData	NoData	NoData	NoData	NoData	0.53
21	381806	394317	NoData	NoData	NoData	NoData	NoData	NoData
22	381815	394317	NoData	NoData	NoData	NoData	NoData	0.10
23	381824	394317	NoData	NoData	NoData	NoData	NoData	NoData
24	381833	394317	NoData	NoData	NoData	NoData	NoData	NoData

Label	Easting	Northing	3.33% AEP	2% AEP	1.33% AEP	1% AEP	0.5% AEP	0.1% AEP
			Depth	Depth	Depth	Depth	Depth	Depth
25	381788	394326	NoData	0.43	0.84	1.18	1.73	2.06
26	381797	394326	NoData	NoData	NoData	NoData	NoData	NoData
27	381806	394326	NoData	NoData	NoData	NoData	NoData	NoData
28	381815	394326	NoData	NoData	NoData	NoData	NoData	NoData
29	381788	394335	NoData	NoData	NoData	NoData	NoData	NoData
30	381797	394335	NoData	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			Not Calculated	Not Calculated	Not Calculated	0.06	0.41	0.74

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)
381816/394308

Scale Created
1:500 19 Jan 2026

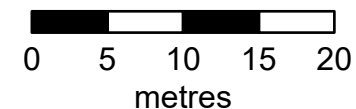
Model name
**Chorlton Platt Gore
2024**

-  Selected area
-  Main river

Modelled 2D grid
Water level in mAOD

-  0 - 3.625
-  3.625 - 7.25
-  7.25 - 10.875
-  10.875 - 14.5
-  14.5 - 18.125
-  18.125 - 21.75
-  21.75 - 25.375
-  25.375 - 29.0
-  29.0 - 32.625

This map shows the
0.1% AEP height data



Label	Easting	Northing	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
25	381788	394326	NoData	NoData	25.89	26.39	26.93	27.48	27.80
26	381797	394326	NoData	NoData	NoData	NoData	NoData	NoData	NoData
27	381806	394326	NoData	NoData	NoData	NoData	NoData	NoData	NoData
28	381815	394326	NoData	NoData	NoData	NoData	NoData	NoData	NoData
29	381788	394335	NoData	NoData	NoData	NoData	NoData	NoData	NoData
30	381797	394335	NoData	NoData	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			Not Calculated	Not Calculated	Not Calculated	Not Calculated	26.93	27.48	27.80

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.

Label	Easting	Northing	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
25	381788	394326	NoData	NoData	0.37	0.70	1.22	1.77	2.09
26	381797	394326	NoData	NoData	NoData	NoData	NoData	NoData	NoData
27	381806	394326	NoData	NoData	NoData	NoData	NoData	NoData	NoData
28	381815	394326	NoData	NoData	NoData	NoData	NoData	NoData	NoData
29	381788	394335	NoData	NoData	NoData	NoData	NoData	NoData	NoData
30	381797	394335	NoData	NoData	NoData	NoData	NoData	NoData	NoData
Max value in selected area:			Not Calculated	Not Calculated	Not Calculated	Not Calculated	0.07	0.44	0.77

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.



No defences exist modelled fluvial extent and height

Location (easting/northing)
381816/394308

Scale Created
1:500 19 Jan 2026

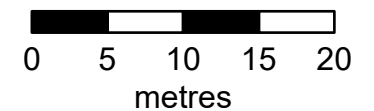
Model name
Corn Brook 2017

-  Selected area
-  Main river

Modelled 2D grid
Water level in mAOD

-  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
-  28.0 - 31.5

This map shows the
0.1% AEP height data



Sample point data

No defences exist

Label	Easting	Northing	0.1% AEP	0.1% AEP
			Height	Depth
1	381806	394290	27.23	1.52
2	381815	394290	NoData	NoData
3	381824	394290	NoData	NoData
4	381833	394290	NoData	NoData
5	381842	394290	NoData	NoData
6	381797	394299	27.23	1.94
7	381806	394299	27.23	0.12
8	381815	394299	NoData	NoData
9	381824	394299	NoData	NoData
10	381833	394299	NoData	NoData
11	381842	394299	NoData	NoData
12	381851	394299	NoData	NoData

Label	Easting	Northing	0.1% AEP	0.1% AEP
			Height	Depth
13	381797	394308	27.23	0.48
14	381806	394308	NoData	NoData
15	381815	394308	NoData	NoData
16	381824	394308	NoData	NoData
17	381833	394308	NoData	NoData
18	381842	394308	NoData	NoData
19	381788	394317	27.24	2.01
20	381797	394317	27.24	0.28
21	381806	394317	NoData	NoData
22	381815	394317	NoData	NoData
23	381824	394317	NoData	NoData
24	381833	394317	NoData	NoData

Label	Easting	Northing	0.1% AEP	0.1% AEP
			Height	Depth
25	381788	394326	27.24	2.04
26	381797	394326	NoData	NoData
27	381806	394326	NoData	NoData
28	381815	394326	NoData	NoData
29	381788	394335	27.24	0.24
30	381797	394335	NoData	NoData
Max value in selected area:			27.24	0.97

Data in this table comes from the Corn Brook 2017 model. Height values are shown in mAOD, and depth values are shown in metres.

Any blank cells show where a particular scenario has not been modelled for this location.

Cells which contain text 'NoData' for a scenario show that return period has been modelled but there is no flood risk for that return period for that location.

'Max value in selected area' is the deepest depth or highest height at any location within your drawn boundary.



Defended climate change modelled fluvial extent and height

Location (easting/northing)
381816/394308

Scale Created
1:500 19 Jan 2026

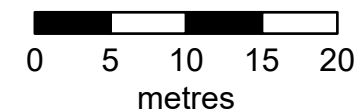
Model name
**Chorlton Platt Gore
2024**

-  Selected area
-  Main river

Modelled 2D grid
Water level in mAOD

-  0 - 3.625
-  3.625 - 7.25
-  7.25 - 10.875
-  10.875 - 14.5
-  14.5 - 18.125
-  18.125 - 21.75
-  21.75 - 25.375
-  25.375 - 29.0
-  29.0 - 32.625

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



Sample point data

Defended climate change

Label	Easting	Northing	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Height	Height	Height	Height
1	381806	394290	NoData	27.60	27.65	28.04
2	381815	394290	NoData	NoData	NoData	28.04
3	381824	394290	NoData	NoData	NoData	NoData
4	381833	394290	NoData	NoData	NoData	28.13
5	381842	394290	NoData	NoData	NoData	28.14
6	381797	394299	26.97	27.60	27.65	28.03
7	381806	394299	NoData	27.60	27.65	28.03
8	381815	394299	NoData	NoData	NoData	28.03
9	381824	394299	NoData	NoData	NoData	28.05
10	381833	394299	NoData	NoData	NoData	28.11
11	381842	394299	NoData	NoData	NoData	28.14
12	381851	394299	NoData	NoData	NoData	28.14

Label	Easting	Northing	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Height	Height	Height	Height
13	381797	394308	26.97	27.60	27.65	28.03
14	381806	394308	NoData	27.60	27.65	28.03
15	381815	394308	NoData	27.60	27.65	28.03
16	381824	394308	NoData	NoData	NoData	28.07
17	381833	394308	NoData	NoData	NoData	28.13
18	381842	394308	NoData	NoData	NoData	28.14
19	381788	394317	26.97	27.60	27.65	28.03
20	381797	394317	NoData	27.60	27.65	28.03
21	381806	394317	NoData	NoData	NoData	NoData
22	381815	394317	NoData	NoData	27.65	28.03
23	381824	394317	NoData	NoData	NoData	28.04
24	381833	394317	NoData	NoData	NoData	28.09

Label	Easting	Northing	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Height	Height	Height	Height
25	381788	394326	26.97	27.60	27.65	28.03
26	381797	394326	NoData	NoData	NoData	NoData
27	381806	394326	NoData	NoData	NoData	NoData
28	381815	394326	NoData	NoData	NoData	NoData
29	381788	394335	NoData	NoData	NoData	28.03
30	381797	394335	NoData	NoData	NoData	NoData
Max value in selected area:			26.97	27.60	27.65	28.14

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	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth
1	381806	394290	NoData	0.19	0.20	0.52
2	381815	394290	NoData	NoData	NoData	0.24
3	381824	394290	NoData	NoData	NoData	NoData
4	381833	394290	NoData	NoData	NoData	0
5	381842	394290	NoData	NoData	NoData	0.09
6	381797	394299	1.66	2.29	2.34	2.72
7	381806	394299	NoData	0.07	0.08	0.32
8	381815	394299	NoData	NoData	NoData	0.25
9	381824	394299	NoData	NoData	NoData	0.04
10	381833	394299	NoData	NoData	NoData	0.03
11	381842	394299	NoData	NoData	NoData	0.12
12	381851	394299	NoData	NoData	NoData	0.11

Label	Easting	Northing	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth
13	381797	394308	1.11	1.74	1.79	2.17
14	381806	394308	NoData	0.21	0.26	0.64
15	381815	394308	NoData	0.11	0.16	0.55
16	381824	394308	NoData	NoData	NoData	0.03
17	381833	394308	NoData	NoData	NoData	0.09
18	381842	394308	NoData	NoData	NoData	0.07
19	381788	394317	1.71	2.33	2.38	2.77
20	381797	394317	NoData	0.36	0.41	0.79
21	381806	394317	NoData	NoData	NoData	NoData
22	381815	394317	NoData	NoData	0.03	0.33
23	381824	394317	NoData	NoData	NoData	0.03
24	381833	394317	NoData	NoData	NoData	0.04

Label	Easting	Northing	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth
25	381788	394326	1.26	1.89	1.94	2.33
26	381797	394326	NoData	NoData	NoData	NoData
27	381806	394326	NoData	NoData	NoData	NoData
28	381815	394326	NoData	NoData	NoData	NoData
29	381788	394335	NoData	NoData	NoData	1.07
30	381797	394335	NoData	NoData	NoData	NoData
Max value in selected area:			0.08	0.57	0.62	1.00

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)
381816/394308

Scale Created
1:500 19 Jan 2026

Model name
**Chorlton Platt Gore
2024**

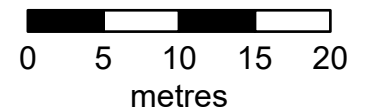
-  Selected area
-  Main river

Modelled 2D grid

Water level in mAOD

-  0 - 3.625
-  3.625 - 7.25
-  7.25 - 10.875
-  10.875 - 14.5
-  14.5 - 18.125
-  18.125 - 21.75
-  21.75 - 25.375
-  25.375 - 29.0
-  29.0 - 32.625

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	381806	394290	27.60	27.66	27.82	28.05
2	381815	394290	NoData	NoData	27.82	28.05
3	381824	394290	NoData	NoData	NoData	NoData
4	381833	394290	NoData	NoData	NoData	28.16
5	381842	394290	NoData	NoData	NoData	28.16
6	381797	394299	27.60	27.66	27.82	28.05
7	381806	394299	27.60	27.66	27.82	28.05
8	381815	394299	NoData	NoData	27.82	28.05
9	381824	394299	NoData	NoData	NoData	28.07
10	381833	394299	NoData	NoData	NoData	28.13
11	381842	394299	NoData	NoData	NoData	28.16
12	381851	394299	NoData	NoData	NoData	28.17

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Height	Height	Height	Height
13	381797	394308	27.60	27.66	27.81	28.05
14	381806	394308	27.60	27.66	27.82	28.05
15	381815	394308	27.60	27.66	27.82	28.05
16	381824	394308	NoData	NoData	NoData	28.07
17	381833	394308	NoData	NoData	NoData	28.15
18	381842	394308	NoData	NoData	NoData	28.16
19	381788	394317	27.60	27.66	27.81	28.05
20	381797	394317	27.60	27.66	27.82	28.05
21	381806	394317	NoData	NoData	NoData	NoData
22	381815	394317	NoData	27.66	27.82	28.05
23	381824	394317	NoData	NoData	NoData	28.05
24	381833	394317	NoData	NoData	NoData	28.09

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Height	Height	Height	Height
25	381788	394326	27.60	27.66	27.81	28.04
26	381797	394326	NoData	NoData	NoData	NoData
27	381806	394326	NoData	NoData	NoData	NoData
28	381815	394326	NoData	NoData	NoData	NoData
29	381788	394335	NoData	NoData	NoData	28.04
30	381797	394335	NoData	NoData	NoData	NoData
Max value in selected area:			27.60	27.66	27.82	28.16

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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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	381806	394290	0.19	0.20	0.30	0.53
2	381815	394290	NoData	NoData	0.03	0.26
3	381824	394290	NoData	NoData	NoData	NoData
4	381833	394290	NoData	NoData	NoData	0.00
5	381842	394290	NoData	NoData	NoData	0.12
6	381797	394299	2.29	2.35	2.51	2.74
7	381806	394299	0.07	0.08	0.10	0.33
8	381815	394299	NoData	NoData	0.03	0.26
9	381824	394299	NoData	NoData	NoData	0.06
10	381833	394299	NoData	NoData	NoData	0.05
11	381842	394299	NoData	NoData	NoData	0.14
12	381851	394299	NoData	NoData	NoData	0.15

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth
13	381797	394308	1.74	1.80	1.96	2.19
14	381806	394308	0.21	0.27	0.43	0.66
15	381815	394308	0.11	0.17	0.33	0.56
16	381824	394308	NoData	NoData	NoData	0.04
17	381833	394308	NoData	NoData	NoData	0.11
18	381842	394308	NoData	NoData	NoData	0.09
19	381788	394317	2.34	2.39	2.55	2.78
20	381797	394317	0.36	0.42	0.57	0.81
21	381806	394317	NoData	NoData	NoData	NoData
22	381815	394317	NoData	0.03	0.12	0.34
23	381824	394317	NoData	NoData	NoData	0.03
24	381833	394317	NoData	NoData	NoData	0.05

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth
25	381788	394326	1.89	1.95	2.11	2.34
26	381797	394326	NoData	NoData	NoData	NoData
27	381806	394326	NoData	NoData	NoData	NoData
28	381815	394326	NoData	NoData	NoData	NoData
29	381788	394335	NoData	NoData	NoData	1.08
30	381797	394335	NoData	NoData	NoData	NoData
Max value in selected area:			0.57	0.63	0.79	1.02

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'Max value in selected area' is the deepest depth or highest height at any location within your drawn boundary.



**No defences exist
climate change
modelled fluvial
extent and height**

Location (easting/northing)
381816/394308

Scale Created
1:500 19 Jan 2026

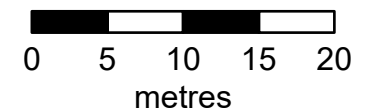
Model name
Corn Brook 2017

-  Selected area
-  Main river

Modelled 2D grid
Water level in mAOD

-  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
-  28.0 - 31.5

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



Sample point data

No defences exist climate change

Label	Easting	Northing	0.1% AEP (+30%)	0.1% AEP (+30%)
			Height	Depth
1	381806	394290	27.55	1.84
2	381815	394290	NoData	NoData
3	381824	394290	NoData	NoData
4	381833	394290	NoData	NoData
5	381842	394290	NoData	NoData
6	381797	394299	27.55	2.26
7	381806	394299	NoData	NoData
8	381815	394299	NoData	NoData
9	381824	394299	NoData	NoData
10	381833	394299	NoData	NoData
11	381842	394299	NoData	NoData
12	381851	394299	NoData	NoData

Label	Easting	Northing	0.1% AEP (+30%)	0.1% AEP (+30%)
			Height	Depth
13	381797	394308	27.55	2.11
14	381806	394308	NoData	NoData
15	381815	394308	NoData	NoData
16	381824	394308	NoData	NoData
17	381833	394308	NoData	NoData
18	381842	394308	NoData	NoData
19	381788	394317	27.55	2.33
20	381797	394317	27.55	0.60
21	381806	394317	NoData	NoData
22	381815	394317	NoData	NoData
23	381824	394317	NoData	NoData
24	381833	394317	NoData	NoData

Label	Easting	Northing	0.1% AEP (+30%)	0.1% AEP (+30%)
			Height	Depth
25	381788	394326	27.55	2.35
26	381797	394326	NoData	NoData
27	381806	394326	NoData	NoData
28	381815	394326	NoData	NoData
29	381788	394335	27.55	1.91
30	381797	394335	NoData	NoData
Max value in selected area:			27.55	1.88

Data in this table comes from the Corn Brook 2017 model. Height values are shown in mAOD, and depth values are shown in metres.

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'Max value in selected area' is the deepest depth or highest height at any location within your drawn boundary.

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