

Flood risk assessment data



Location of site: 381692 / 394459 (shown as easting and northing coordinates)

Document created on: 28 May 2025

This information was previously known as a product 4.

Customer reference number: H5HT6N4GXPPE

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



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:

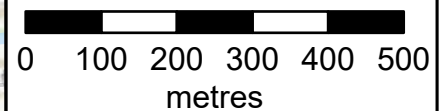
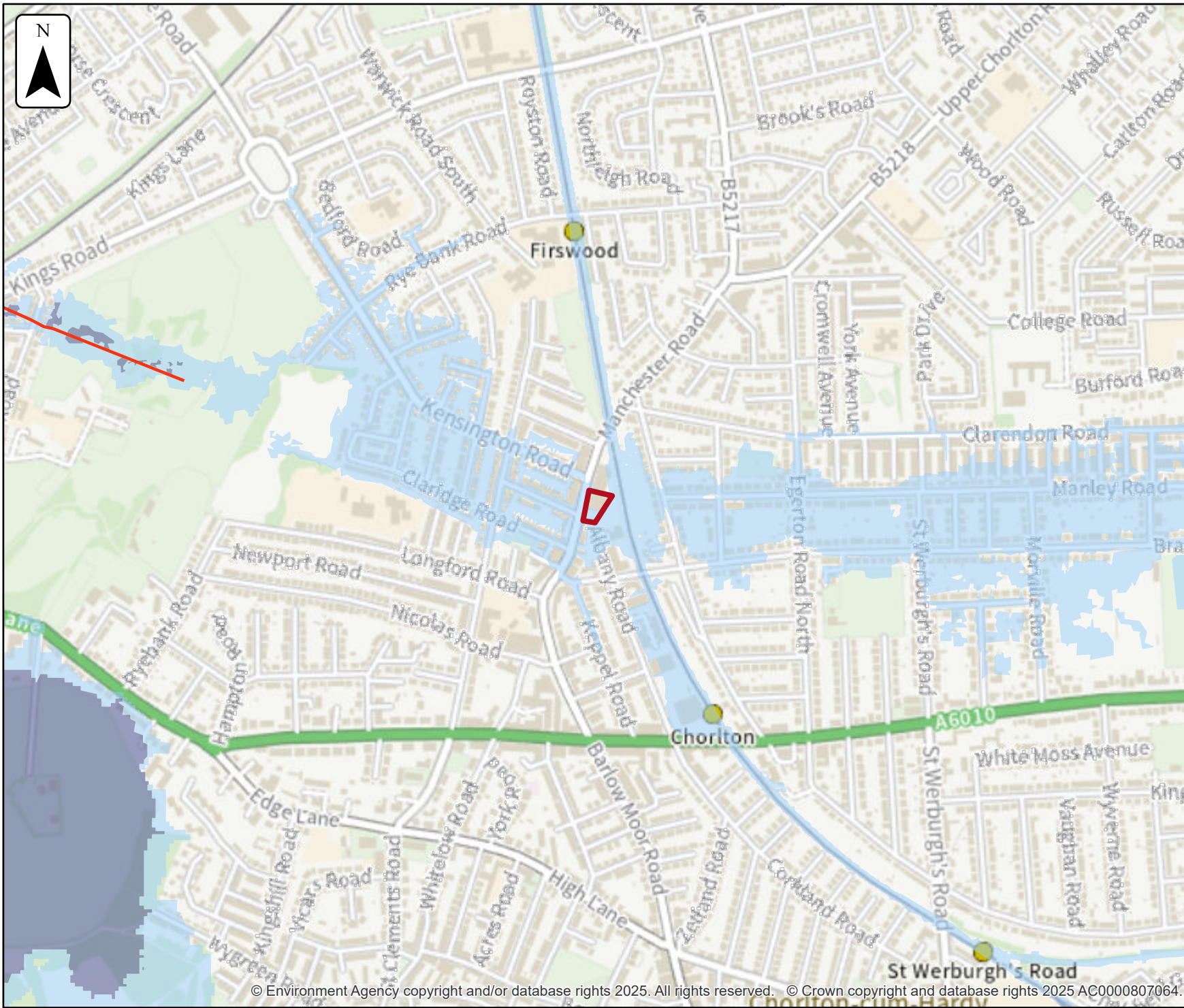
- 0.5% or greater probability of occurring in any year for flooding from the sea
- 1% or greater probability of occurring in any year for fluvial (river) flooding

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



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
- 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



Defended modelled fluvial extent and height

Location (easting/northing)
381692/394459

Scale Created
1:500 28 May 2025

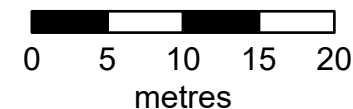
Model name
**Chorlton Platt Gore
2024**

-  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	381664	394423	NoData	NoData	NoData	NoData	NoData	27.62
2	381677	394423	NoData	NoData	NoData	NoData	27.44	27.71
3	381690	394423	NoData	NoData	NoData	NoData	27.44	27.74
4	381664	394436	NoData	NoData	NoData	NoData	27.38	27.64
5	381677	394436	NoData	NoData	NoData	NoData	27.44	27.70
6	381690	394436	NoData	NoData	NoData	NoData	27.44	27.72
7	381703	394436	NoData	NoData	NoData	NoData	27.44	27.74
8	381664	394449	NoData	NoData	NoData	NoData	27.38	27.65
9	381677	394449	NoData	NoData	NoData	NoData	27.44	27.69
10	381690	394449	NoData	NoData	NoData	NoData	27.44	27.71
11	381703	394449	NoData	NoData	NoData	NoData	NoData	27.73
12	381716	394449	NoData	NoData	NoData	NoData	27.44	27.75

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	381664	394462	NoData	NoData	NoData	NoData	NoData	27.66
14	381677	394462	NoData	NoData	NoData	NoData	NoData	27.66
15	381690	394462	NoData	NoData	NoData	NoData	NoData	27.73
16	381703	394462	NoData	NoData	NoData	NoData	NoData	27.75
17	381716	394462	NoData	NoData	NoData	NoData	27.44	27.75
18	381677	394475	NoData	NoData	NoData	NoData	NoData	27.66
19	381690	394475	NoData	NoData	NoData	NoData	NoData	27.73
20	381703	394475	NoData	NoData	NoData	NoData	NoData	27.75
21	381716	394475	NoData	NoData	NoData	NoData	NoData	27.76
22	381729	394475	NoData	NoData	NoData	NoData	NoData	27.76
23	381677	394488	NoData	NoData	NoData	NoData	NoData	27.66
24	381690	394488	NoData	NoData	NoData	NoData	NoData	27.66

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	381703	394488	NoData	NoData	NoData	NoData	NoData	27.73
26	381716	394488	NoData	NoData	NoData	NoData	27.43	27.76
Max value in selected area:			NoData	NoData	NoData	NoData	27.44	27.76

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	381664	394423	NoData	NoData	NoData	NoData	NoData	0.29
2	381677	394423	NoData	NoData	NoData	NoData	0.04	0.31
3	381690	394423	NoData	NoData	NoData	NoData	0.25	0.55
4	381664	394436	NoData	NoData	NoData	NoData	0.08	0.34
5	381677	394436	NoData	NoData	NoData	NoData	0.16	0.42
6	381690	394436	NoData	NoData	NoData	NoData	0.20	0.49
7	381703	394436	NoData	NoData	NoData	NoData	0.33	0.63
8	381664	394449	NoData	NoData	NoData	NoData	0.00	0.27
9	381677	394449	NoData	NoData	NoData	NoData	0.06	0.31
10	381690	394449	NoData	NoData	NoData	NoData	0.13	0.40
11	381703	394449	NoData	NoData	NoData	NoData	NoData	0.26
12	381716	394449	NoData	NoData	NoData	NoData	0.33	0.64

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	381664	394462	NoData	NoData	NoData	NoData	NoData	0.24
14	381677	394462	NoData	NoData	NoData	NoData	NoData	0.18
15	381690	394462	NoData	NoData	NoData	NoData	NoData	0.09
16	381703	394462	NoData	NoData	NoData	NoData	NoData	0.20
17	381716	394462	NoData	NoData	NoData	NoData	0.12	0.43
18	381677	394475	NoData	NoData	NoData	NoData	NoData	0.23
19	381690	394475	NoData	NoData	NoData	NoData	NoData	0.05
20	381703	394475	NoData	NoData	NoData	NoData	NoData	0.15
21	381716	394475	NoData	NoData	NoData	NoData	NoData	0.27
22	381729	394475	NoData	NoData	NoData	NoData	NoData	0.12
23	381677	394488	NoData	NoData	NoData	NoData	NoData	0.27
24	381690	394488	NoData	NoData	NoData	NoData	NoData	0.18

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	381703	394488	NoData	NoData	NoData	NoData	NoData	0.26
26	381716	394488	NoData	NoData	NoData	NoData	0.13	0.46
Max value in selected area:			NoData	NoData	NoData	NoData	0.32	0.62

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)
381692/394459

Scale Created
1:500 28 May 2025

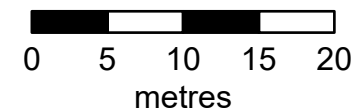
Model name
**Chorlton Platt Gore
2024**

-  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

Defences removed

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
1	381664	394423	NoData	NoData	NoData	NoData	NoData	NoData	27.65
2	381677	394423	NoData	NoData	NoData	NoData	NoData	27.47	27.74
3	381690	394423	NoData	NoData	NoData	NoData	NoData	27.47	27.77
4	381664	394436	NoData	NoData	NoData	NoData	NoData	27.41	27.67
5	381677	394436	NoData	NoData	NoData	NoData	NoData	27.47	27.73
6	381690	394436	NoData	NoData	NoData	NoData	NoData	27.47	27.75
7	381703	394436	NoData	NoData	NoData	NoData	NoData	27.47	27.77
8	381664	394449	NoData	NoData	NoData	NoData	NoData	27.41	27.68
9	381677	394449	NoData	NoData	NoData	NoData	NoData	27.47	27.72
10	381690	394449	NoData	NoData	NoData	NoData	NoData	27.47	27.74
11	381703	394449	NoData	NoData	NoData	NoData	NoData	NoData	27.76
12	381716	394449	NoData	NoData	NoData	NoData	NoData	27.47	27.78

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
13	381664	394462	NoData	NoData	NoData	NoData	NoData	NoData	27.68
14	381677	394462	NoData	NoData	NoData	NoData	NoData	27.45	27.69
15	381690	394462	NoData	NoData	NoData	NoData	NoData	NoData	27.75
16	381703	394462	NoData	NoData	NoData	NoData	NoData	NoData	27.77
17	381716	394462	NoData	NoData	NoData	NoData	NoData	27.47	27.78
18	381677	394475	NoData	NoData	NoData	NoData	NoData	NoData	27.68
19	381690	394475	NoData	NoData	NoData	NoData	NoData	NoData	27.75
20	381703	394475	NoData	NoData	NoData	NoData	NoData	NoData	27.77
21	381716	394475	NoData	NoData	NoData	NoData	NoData	27.47	27.79
22	381729	394475	NoData	NoData	NoData	NoData	NoData	NoData	27.79
23	381677	394488	NoData	NoData	NoData	NoData	NoData	NoData	27.68
24	381690	394488	NoData	NoData	NoData	NoData	NoData	NoData	27.68

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	381703	394488	NoData	NoData	NoData	NoData	NoData	NoData	27.76
26	381716	394488	NoData	NoData	NoData	NoData	NoData	27.47	27.79
Max value in selected area:			NoData	NoData	NoData	NoData	NoData	27.47	27.80

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

Defences removed

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
1	381664	394423	NoData	NoData	NoData	NoData	NoData	NoData	0.32
2	381677	394423	NoData	NoData	NoData	NoData	NoData	0.07	0.34
3	381690	394423	NoData	NoData	NoData	NoData	NoData	0.28	0.57
4	381664	394436	NoData	NoData	NoData	NoData	NoData	0.11	0.36
5	381677	394436	NoData	NoData	NoData	NoData	NoData	0.19	0.44
6	381690	394436	NoData	NoData	NoData	NoData	NoData	0.23	0.51
7	381703	394436	NoData	NoData	NoData	NoData	NoData	0.36	0.66
8	381664	394449	NoData	NoData	NoData	NoData	NoData	0.03	0.29
9	381677	394449	NoData	NoData	NoData	NoData	NoData	0.09	0.33
10	381690	394449	NoData	NoData	NoData	NoData	NoData	0.16	0.42
11	381703	394449	NoData	NoData	NoData	NoData	NoData	NoData	0.29
12	381716	394449	NoData	NoData	NoData	NoData	NoData	0.37	0.67

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
13	381664	394462	NoData	NoData	NoData	NoData	NoData	NoData	0.27
14	381677	394462	NoData	NoData	NoData	NoData	NoData	0	0.20
15	381690	394462	NoData	NoData	NoData	NoData	NoData	NoData	0.11
16	381703	394462	NoData	NoData	NoData	NoData	NoData	NoData	0.22
17	381716	394462	NoData	NoData	NoData	NoData	NoData	0.15	0.46
18	381677	394475	NoData	NoData	NoData	NoData	NoData	NoData	0.25
19	381690	394475	NoData	NoData	NoData	NoData	NoData	NoData	0.07
20	381703	394475	NoData	NoData	NoData	NoData	NoData	NoData	0.17
21	381716	394475	NoData	NoData	NoData	NoData	NoData	0.01	0.30
22	381729	394475	NoData	NoData	NoData	NoData	NoData	NoData	0.15
23	381677	394488	NoData	NoData	NoData	NoData	NoData	NoData	0.29
24	381690	394488	NoData	NoData	NoData	NoData	NoData	NoData	0.21

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	381703	394488	NoData	NoData	NoData	NoData	NoData	NoData	0.28
26	381716	394488	NoData	NoData	NoData	NoData	NoData	0.17	0.49
Max value in selected area:			NoData	NoData	NoData	NoData	NoData	0.36	0.64

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)
381692/394459

Scale Created
1:500 28 May 2025

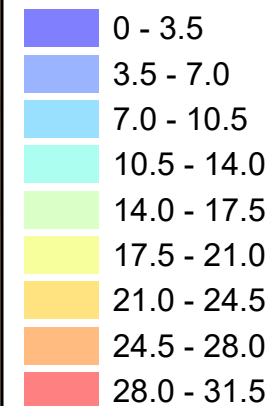
Model name
Corn Brook 2017

 Selected area

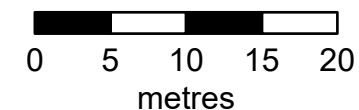
 Main river

Modelled 2D grid

Water level in mAOD



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	381664	394423	NoData	NoData
2	381677	394423	NoData	NoData
3	381690	394423	27.24	0.15
4	381664	394436	NoData	NoData
5	381677	394436	NoData	NoData
6	381690	394436	NoData	NoData
7	381703	394436	27.24	0.19
8	381664	394449	NoData	NoData
9	381677	394449	NoData	NoData
10	381690	394449	NoData	NoData
11	381703	394449	NoData	NoData
12	381716	394449	27.24	0.19

Label	Easting	Northing	0.1% AEP	0.1% AEP
			Height	Depth
13	381664	394462	NoData	NoData
14	381677	394462	NoData	NoData
15	381690	394462	NoData	NoData
16	381703	394462	NoData	NoData
17	381716	394462	NoData	NoData
18	381677	394475	NoData	NoData
19	381690	394475	NoData	NoData
20	381703	394475	NoData	NoData
21	381716	394475	NoData	NoData
22	381729	394475	NoData	NoData
23	381677	394488	NoData	NoData
24	381690	394488	NoData	NoData

Label	Easting	Northing	0.1% AEP	0.1% AEP
			Height	Depth
25	381703	394488	NoData	NoData
26	381716	394488	NoData	NoData
Max value in selected area:			27.24	0.16

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)
381692/394459

Scale Created
1:500 28 May 2025

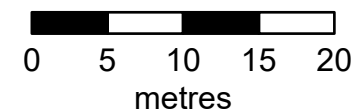
Model name
**Chorlton Platt Gore
2024**

-  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	381664	394423	NoData	27.46	27.49	27.88
2	381677	394423	NoData	27.57	27.60	27.95
3	381690	394423	NoData	27.58	27.62	27.98
4	381664	394436	NoData	27.49	27.53	27.89
5	381677	394436	NoData	27.57	27.60	27.93
6	381690	394436	NoData	27.58	27.62	27.96
7	381703	394436	NoData	27.58	27.63	27.98
8	381664	394449	NoData	27.51	27.54	27.90
9	381677	394449	NoData	27.57	27.60	27.92
10	381690	394449	NoData	27.58	27.61	27.93
11	381703	394449	NoData	27.59	27.62	27.95
12	381716	394449	NoData	27.59	27.63	28.00

Label	Easting	Northing	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Height	Height	Height	Height
13	381664	394462	NoData	27.51	27.55	27.90
14	381677	394462	NoData	27.53	27.56	27.89
15	381690	394462	NoData	NoData	NoData	27.93
16	381703	394462	NoData	27.59	27.63	27.98
17	381716	394462	NoData	27.59	27.63	28.01
18	381677	394475	NoData	27.52	27.55	27.89
19	381690	394475	NoData	NoData	NoData	27.92
20	381703	394475	NoData	NoData	27.63	27.98
21	381716	394475	NoData	27.59	27.64	28.01
22	381729	394475	NoData	NoData	27.64	28.02
23	381677	394488	NoData	27.52	27.55	27.89
24	381690	394488	NoData	27.52	27.56	27.89

Label	Easting	Northing	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Height	Height	Height	Height
25	381703	394488	NoData	27.59	27.63	27.96
26	381716	394488	NoData	27.60	27.64	28.02
Max value in selected area:			NoData	27.60	27.64	28.02

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	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth
1	381664	394423	NoData	0.14	0.17	0.55
2	381677	394423	NoData	0.17	0.21	0.56
3	381690	394423	NoData	0.39	0.43	0.79
4	381664	394436	NoData	0.19	0.22	0.59
5	381677	394436	NoData	0.29	0.32	0.65
6	381690	394436	NoData	0.34	0.38	0.72
7	381703	394436	NoData	0.47	0.52	0.87
8	381664	394449	NoData	0.12	0.16	0.51
9	381677	394449	NoData	0.18	0.21	0.53
10	381690	394449	NoData	0.26	0.30	0.62
11	381703	394449	NoData	0.12	0.16	0.49
12	381716	394449	NoData	0.48	0.52	0.89

Label	Easting	Northing	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth
13	381664	394462	NoData	0.10	0.14	0.49
14	381677	394462	NoData	0.05	0.08	0.41
15	381690	394462	NoData	NoData	NoData	0.30
16	381703	394462	NoData	0.04	0.08	0.43
17	381716	394462	NoData	0.27	0.31	0.69
18	381677	394475	NoData	0.11	0.14	0.47
19	381690	394475	NoData	NoData	NoData	0.24
20	381703	394475	NoData	NoData	0.03	0.38
21	381716	394475	NoData	0.11	0.15	0.53
22	381729	394475	NoData	NoData	0.00	0.38
23	381677	394488	NoData	0.13	0.16	0.50
24	381690	394488	NoData	0.05	0.08	0.42

Label	Easting	Northing	5% AEP (+53%)	1% AEP (+41%)	1% AEP (+53%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth
25	381703	394488	NoData	0.11	0.16	0.49
26	381716	394488	NoData	0.30	0.34	0.72
Max value in selected area:			NoData	0.47	0.51	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.

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'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)
381692/394459

Scale Created
1:500 28 May 2025

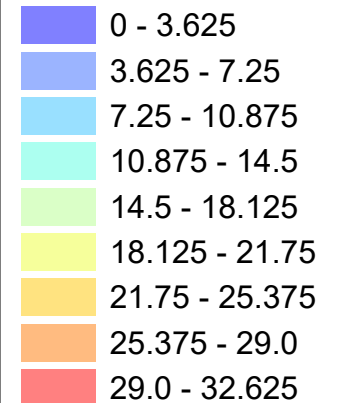
Model name
**Chorlton Platt Gore
2024**

 Selected area

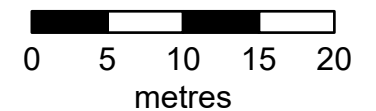
 Main river

Modelled 2D grid

Water level in mAOD



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	381664	394423	27.46	27.51	27.66	27.89
2	381677	394423	27.57	27.61	27.75	27.97
3	381690	394423	27.58	27.64	27.78	27.99
4	381664	394436	27.49	27.54	27.68	27.90
5	381677	394436	27.57	27.61	27.74	27.94
6	381690	394436	27.58	27.63	27.76	27.97
7	381703	394436	27.59	27.64	27.78	27.99
8	381664	394449	27.51	27.55	27.69	27.91
9	381677	394449	27.57	27.61	27.73	27.93
10	381690	394449	27.58	27.62	27.75	27.94
11	381703	394449	27.59	27.64	27.77	27.97
12	381716	394449	27.59	27.64	27.79	28.01

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Height	Height	Height	Height
13	381664	394462	27.52	27.56	27.70	27.91
14	381677	394462	27.53	27.57	27.70	27.91
15	381690	394462	NoData	NoData	27.76	27.95
16	381703	394462	27.59	27.64	27.79	27.99
17	381716	394462	27.59	27.64	27.80	28.02
18	381677	394475	27.52	27.56	27.69	27.91
19	381690	394475	NoData	NoData	27.76	27.94
20	381703	394475	NoData	27.65	27.79	27.99
21	381716	394475	27.59	27.65	27.80	28.02
22	381729	394475	NoData	27.65	27.80	28.03
23	381677	394488	27.52	27.56	27.69	27.90
24	381690	394488	27.52	27.57	27.69	27.91

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Height	Height	Height	Height
25	381703	394488	27.59	27.64	27.77	27.98
26	381716	394488	27.60	27.65	27.80	28.03
Max value in selected area:			27.60	27.65	27.81	28.04

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.

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	381664	394423	0.14	0.18	0.33	0.56
2	381677	394423	0.17	0.22	0.35	0.57
3	381690	394423	0.39	0.44	0.59	0.80
4	381664	394436	0.19	0.23	0.37	0.60
5	381677	394436	0.29	0.33	0.45	0.66
6	381690	394436	0.34	0.39	0.52	0.73
7	381703	394436	0.48	0.53	0.67	0.88
8	381664	394449	0.12	0.17	0.30	0.53
9	381677	394449	0.18	0.22	0.34	0.54
10	381690	394449	0.26	0.31	0.43	0.63
11	381703	394449	0.12	0.17	0.30	0.50
12	381716	394449	0.48	0.54	0.69	0.91

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth
13	381664	394462	0.10	0.15	0.28	0.50
14	381677	394462	0.05	0.09	0.21	0.42
15	381690	394462	NoData	NoData	0.12	0.31
16	381703	394462	0.04	0.09	0.24	0.44
17	381716	394462	0.27	0.32	0.47	0.70
18	381677	394475	0.11	0.14	0.26	0.48
19	381690	394475	NoData	NoData	0.08	0.26
20	381703	394475	NoData	0.04	0.18	0.39
21	381716	394475	0.11	0.16	0.31	0.54
22	381729	394475	NoData	0.01	0.16	0.39
23	381677	394488	0.13	0.17	0.30	0.51
24	381690	394488	0.05	0.09	0.22	0.43

Label	Easting	Northing	1% AEP (+41%)	1% AEP (+53%)	1% AEP (+85%)	0.1% AEP (+53%)
			Depth	Depth	Depth	Depth
25	381703	394488	0.12	0.17	0.29	0.50
26	381716	394488	0.30	0.35	0.51	0.74
Max value in selected area:			0.47	0.52	0.66	0.87

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.



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

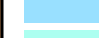
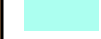
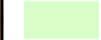
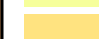
Location (easting/northing)
381692/394459

Scale Created
1:500 28 May 2025

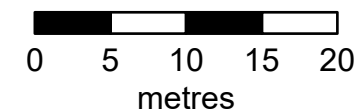
Model name
Corn Brook 2017

-  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	381664	394423	27.36	0.17
2	381677	394423	27.51	0.24
3	381690	394423	27.51	0.42
4	381664	394436	27.41	0.14
5	381677	394436	27.50	0.29
6	381690	394436	27.50	0.31
7	381703	394436	27.51	0.48
8	381664	394449	NoData	NoData
9	381677	394449	27.50	0.20
10	381690	394449	27.50	0.27
11	381703	394449	NoData	NoData
12	381716	394449	27.51	0.47

Label	Easting	Northing	0.1% AEP (+30%)	0.1% AEP (+30%)
			Height	Depth
13	381664	394462	NoData	NoData
14	381677	394462	NoData	NoData
15	381690	394462	NoData	NoData
16	381703	394462	NoData	NoData
17	381716	394462	27.51	0.26
18	381677	394475	NoData	NoData
19	381690	394475	NoData	NoData
20	381703	394475	NoData	NoData
21	381716	394475	NoData	NoData
22	381729	394475	NoData	NoData
23	381677	394488	NoData	NoData
24	381690	394488	NoData	NoData

Label	Easting	Northing	0.1% AEP (+30%)	0.1% AEP (+30%)
			Height	Depth
25	381703	394488	27.53	0.18
26	381716	394488	27.53	0.28
Max value in selected area:			27.53	0.43

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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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