Flood risk assessment data

Location of site: 385372 / 389681 (shown as easting and northing coordinates)
Document created on: 31 May 2024
This information was previously known as a product 4.
Customer reference number: 9RR88NRTG13X

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)
- 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
- climate change 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:

- historic flooding

We do not have historic 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 floodng 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

Use the long term flood risk service to find out about the risk of flooding from:

- surface water
- ordinary watercourses
- reservoirs

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

About the models used

Model name: Chorlton Brook 2023
Scenario(s): No defences exist fluvial, no defences exist climate change fluvial
Date: 8 September 2023

Model name: Gatley Brook 2009
Scenario(s): No defences exist fluvial, no defences exist climate change fluvial
Date: 25 February 2009

Model name: Micker Brook 2022
Scenario(s): Defended fluvial, defences removed fluvial, defended climate change fluvial, defences removed climate change fluvial
Date: 11 August 2022

Model name: Upper Mersey 2017
Scenario(s): Defended fluvial, defences removed fluvial, defended climate change fluvial, defences removed climate change fluvial
Date: 14 April 2022

These models contain the most relevant data for your area of interest.

Terminology used

Annual exceedance probability (AEP)

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

Metres above ordnance datum (mAOD)

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

Flood map for planning (rivers and the sea)

Your selected location is in flood zone 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

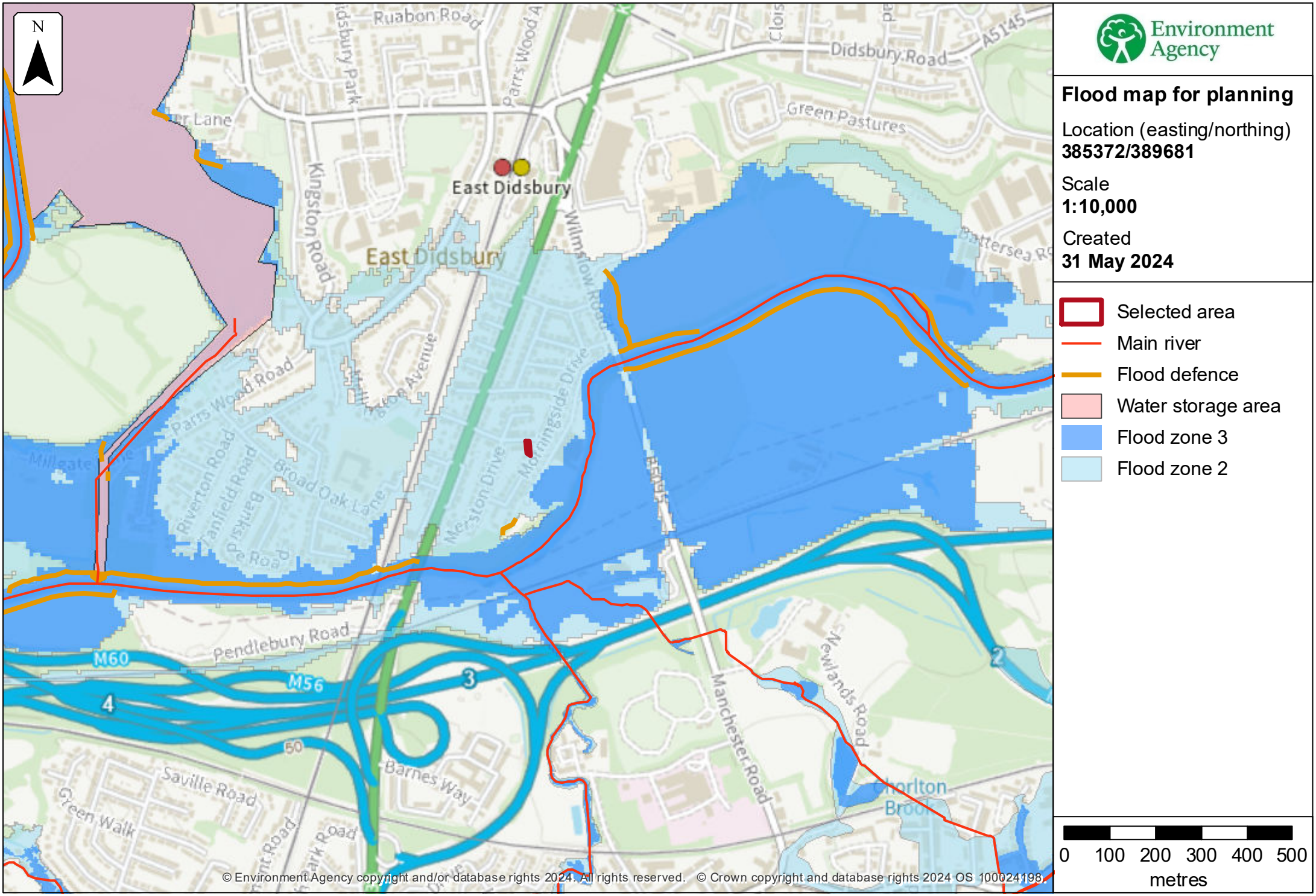
Flood zone 2 shows the area at risk of flooding for an undefended flood event with:

- 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

The flood zones are not currently being updated. The last update was in November 2023. Some of the flood zones may have changed, however all source data is included in the models below.



Environment Agency

Flood map for planning

Location (easting/northing)
385372/389681

Scale
1:10,000

Created
31 May 2024

- Selected area
- Main river
- Flood defence
- Water storage area
- Flood zone 3
- Flood zone 2

0 100 200 300 400 500
metres

Flood defences and attributes

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

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

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

Use this information:

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



Environment Agency

Flood defences

Location (easting/northing)
385372/389681

Scale
1:2,500

Created
31 May 2024

Selected area
Main river
Flood defence

0 25 50 75 100
metres

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	178849	Wall	50		35.17	34.63	
2	57528	Embankment			29.51	29.99	
3	120923	Wall			33.81	33.95	
4	112017	Engineered High Ground	50		34.99	32.81	
5	37537	Wall	50		35.64	35.73	
6	37538	Embankment	50		35.82	35.63	
7	59337	Embankment	50		33.28	33.14	
8	112016	Embankment	50		34.91	35.03	34.82

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

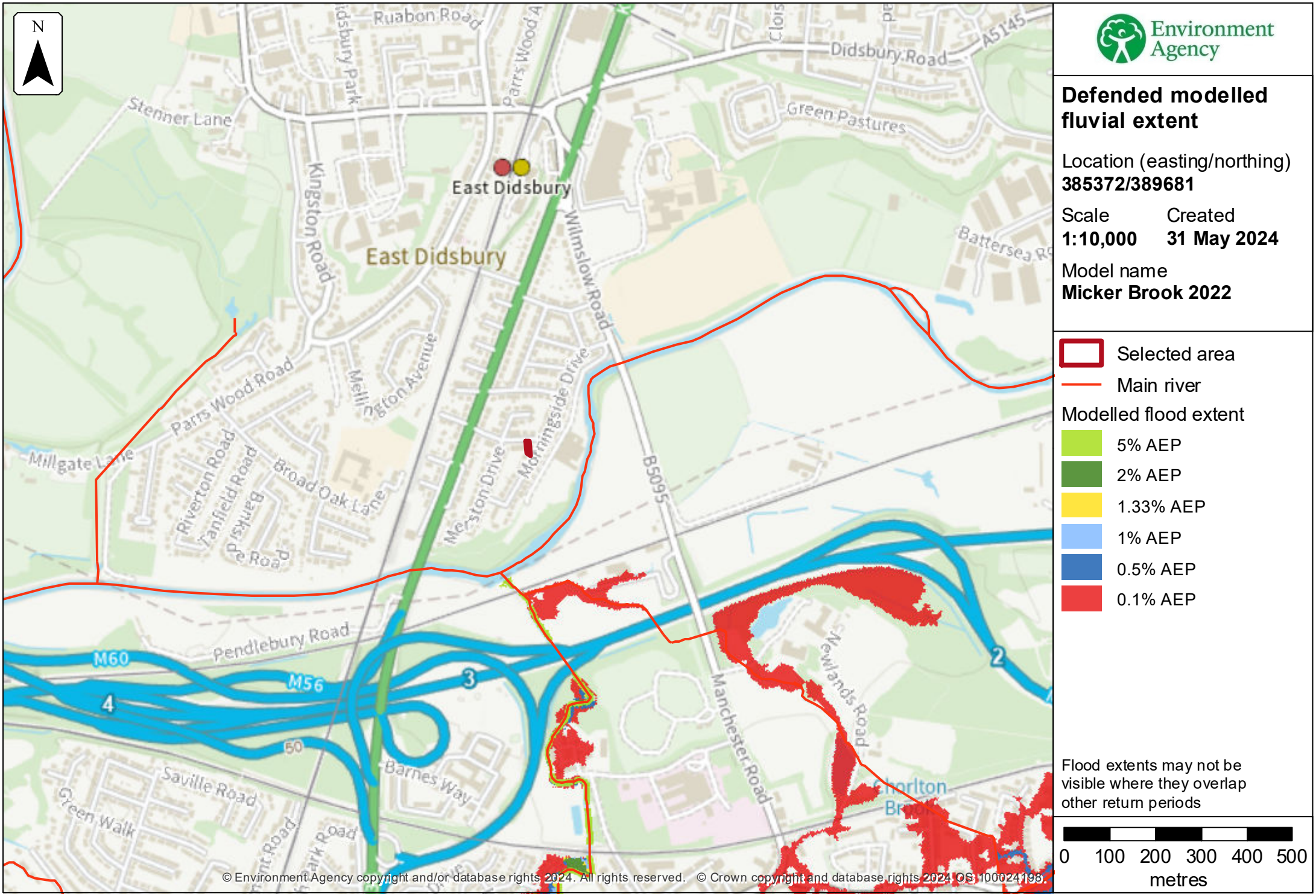
The climate change data included in the models may not include the latest flood risk assessment climate change allowances. Where the new allowances are not available you will need to consider this data and factor in the new allowances to demonstrate the development will be safe from flooding.

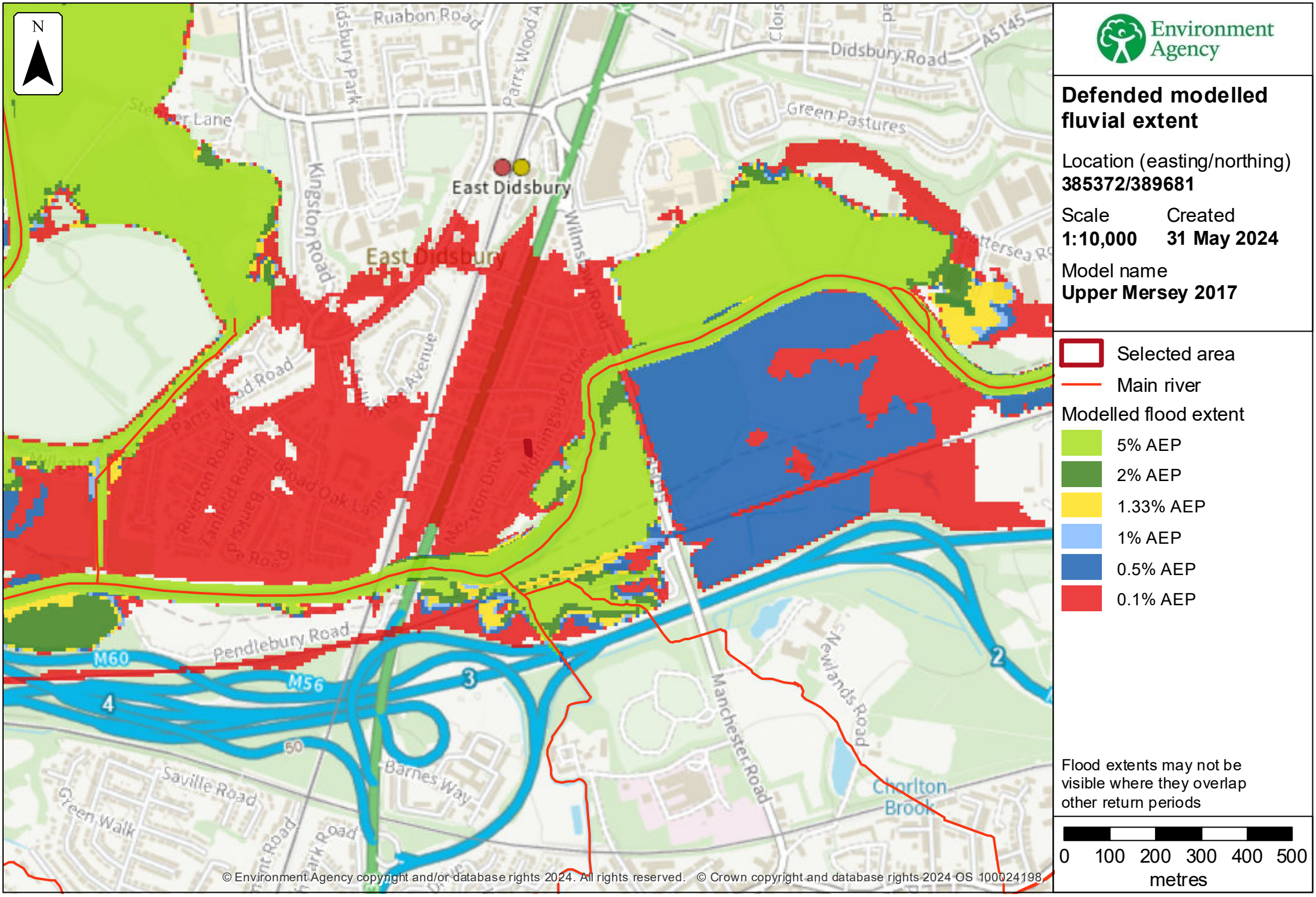
The Environment Agency will incorporate the new allowances into future modelling studies. For now, it's your responsibility to demonstrate that new developments will be safe in flood risk terms for their lifetime.

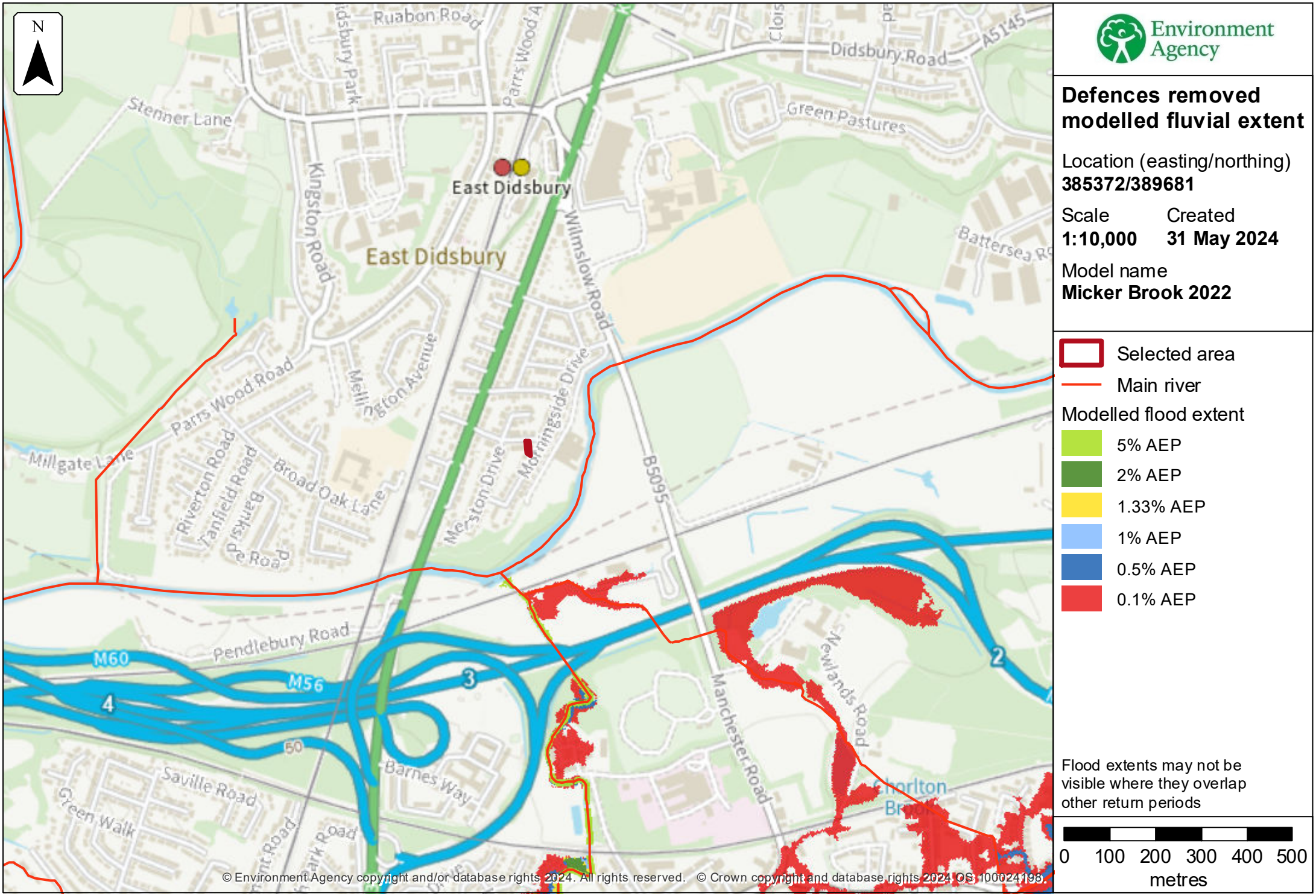
Modelled scenarios

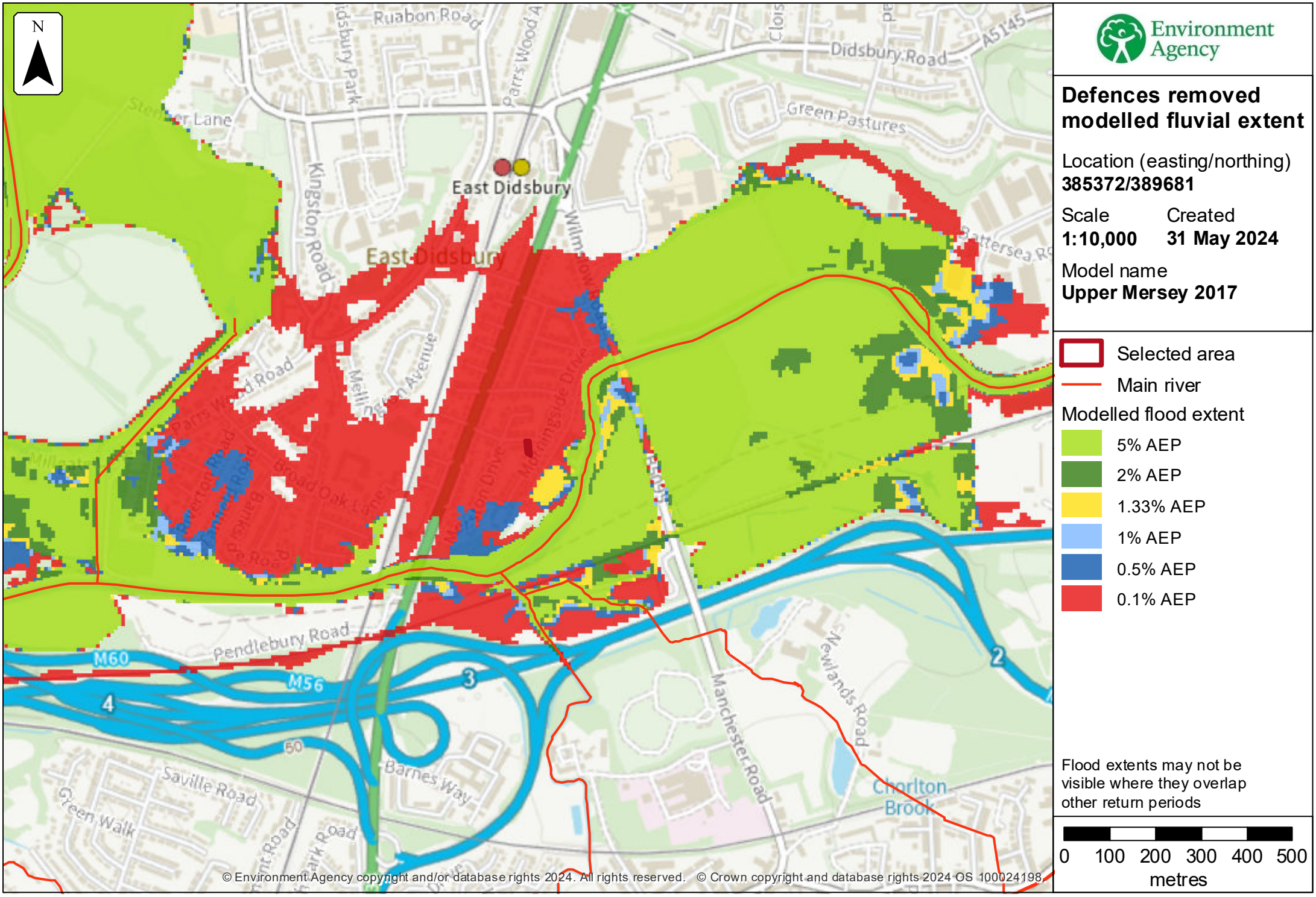
The following scenarios are included:

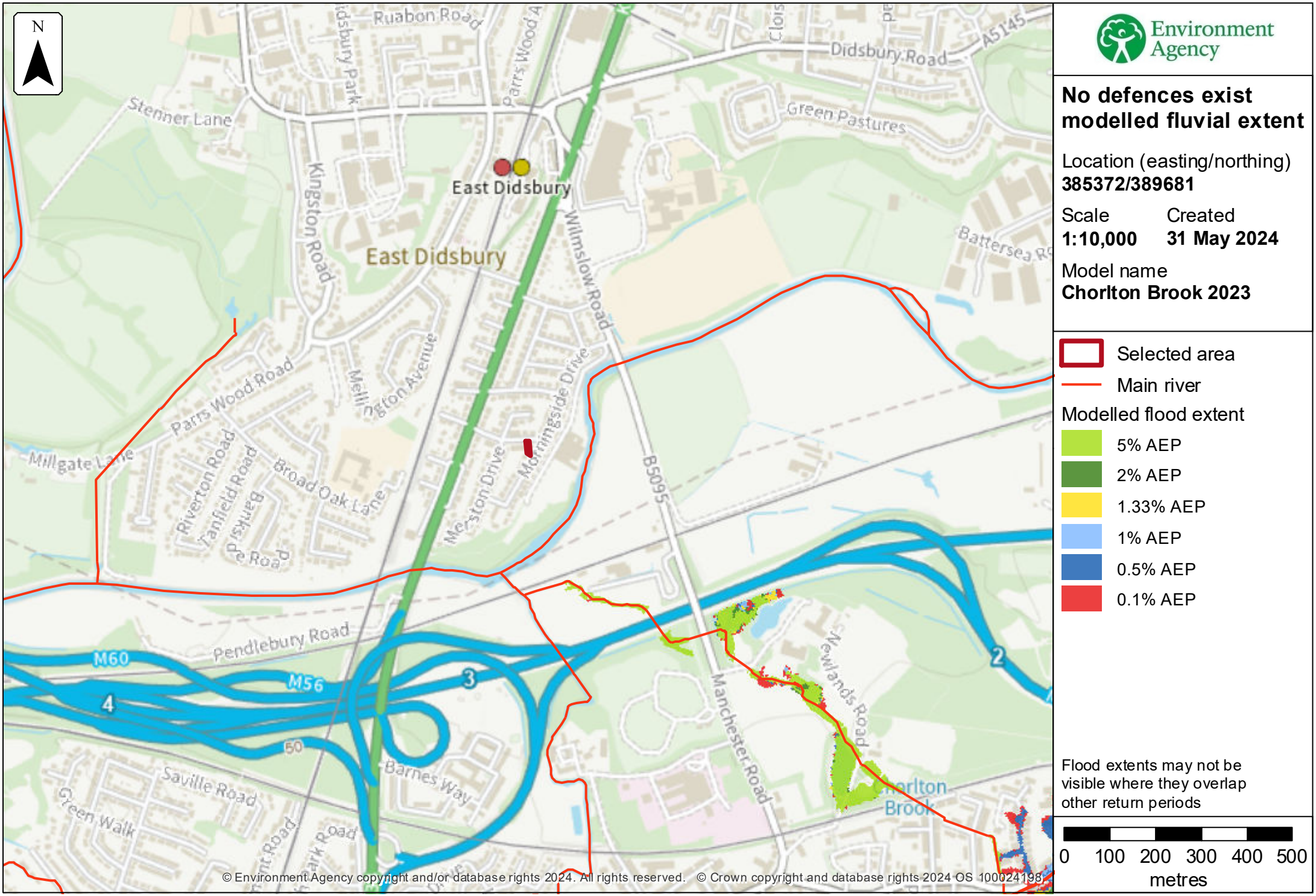
- Defended modelled fluvial: risk of flooding from rivers where there are flood defences
- Defences removed modelled fluvial: risk of flooding from rivers where flood defences have been removed
- No defences exist modelled fluvial: risk of flooding from rivers where there are no flood defences
- Defended 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

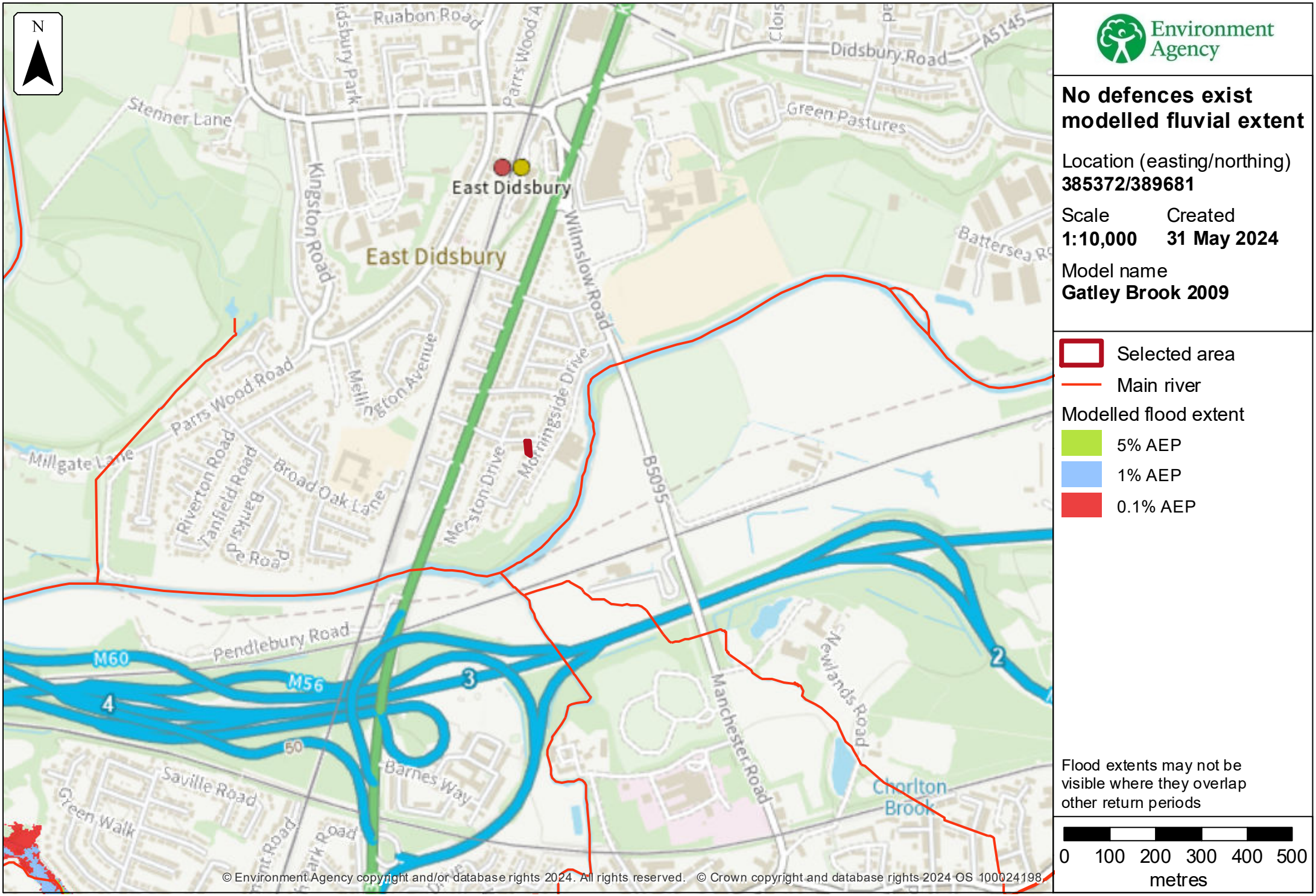

N
Ruabon Road
Didsbury Road
A5145
Stenner Lane
Kingston Road
East Didsbury
East Didsbury
Green Pastures
Wilmslow Road
Parrs Wood Road
Millgate Lane
Broad Oak Lane
Merston Drive
Morningside Drive
B5095
Pendlebury Road
M60
M56
Barnes Way
Saville Road
Manchester Road
Newlands Road
Environment Agency
Defended modelled fluvial extent
Location (easting/northing)
385372/389681
Scale
1:10,000
Created
31 May 2024
Model name
Micker Brook 2022
Selected area
Main river
Modelled flood extent
5% AEP
2% AEP
1.33% AEP
1% AEP
0.5% AEP
0.1% AEP
Flood extents may not be visible where they overlap other return periods
0 100 200 300 400 500
metres
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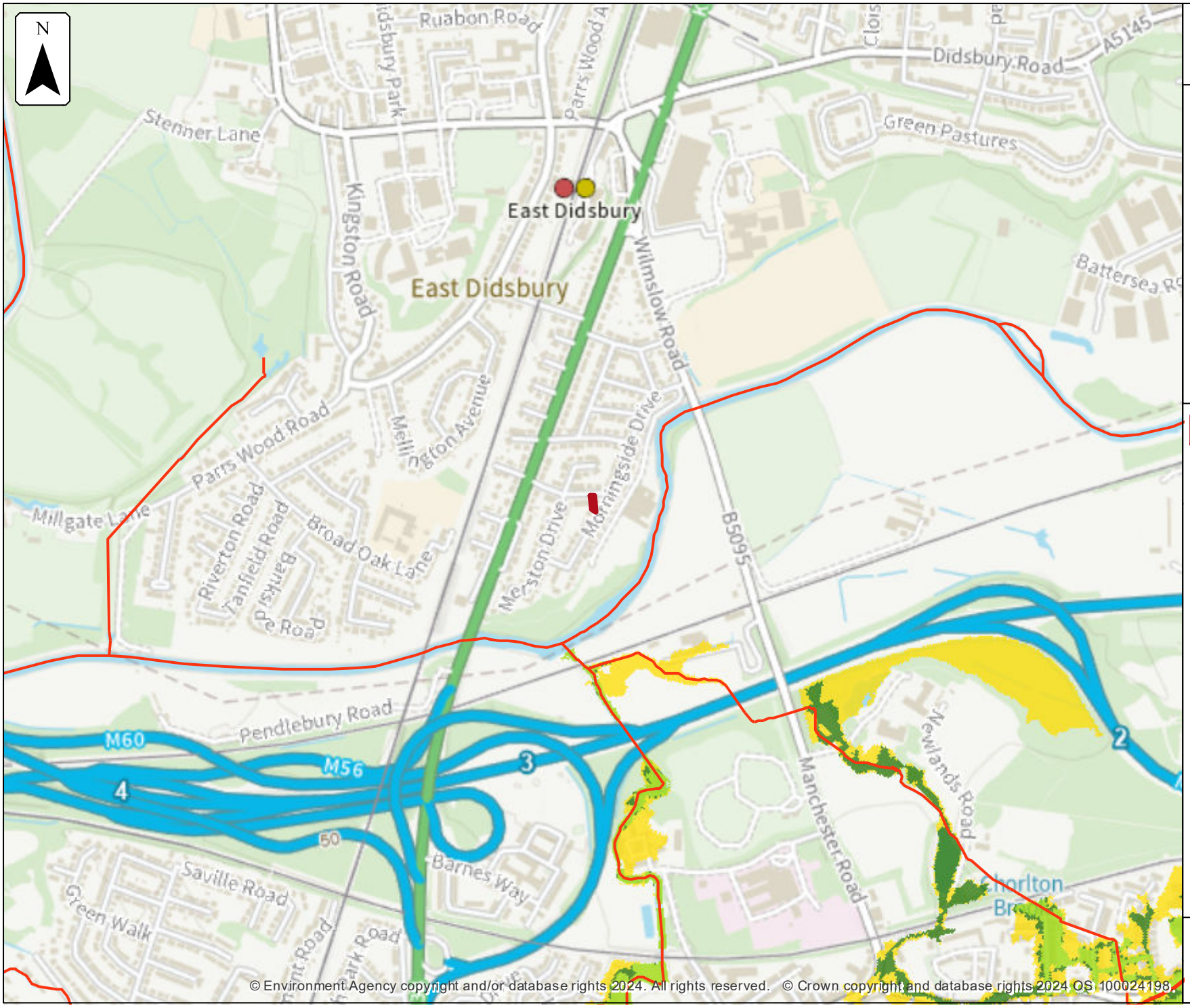

N
Ruabon Road
Didsbury Road
A5145
Green Pastures
Parrs Wood A
Kingston Road
East Didsbury
Wilmslow Road
Pendlebury Road
M60
M56
Barnes Way
Saville Road
Green Walk
Manchester Road
Newlands Road
Chorlton Brook
Environment Agency
Defended modelled fluvial extent
Location (easting/northing)
385372/389681
Scale
1:10,000
Created
31 May 2024
Model name
Upper Mersey 2017
Selected area
Main river
Modelled flood extent
5% AEP
2% AEP
1.33% AEP
1% AEP
0.5% AEP
0.1% AEP
Flood extents may not be visible where they overlap other return periods
0 100 200 300 400 500
metres
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Ruabon Road
Didsbury Road
A5145
Stenner Lane
Kingston Road
East Didsbury
Green Pastures
Wilmslow Road
Parrs Wood Road
Millgate Lane
Broad Oak Lane
Merston Drive
Morningside Drive
B5095
Pendlebury Road
M60
M56
Barnes Way
Saville Road
Manchester Road
Newlands Road
Environment Agency
Defences removed modelled fluvial extent
Location (easting/northing)
385372/389681
Scale
1:10,000
Created
31 May 2024
Model name
Micker Brook 2022
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
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metres
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N
Ruabon Road
Didsbury Road
A5145
Green Pastures
Parrs Wood A
Kingston Road
East Didsbury
Wilmslow
Pendlebury Road
M60
M56
3
4
50
2
Barnes Way
Saville Road
Green Walk
Manchester Road
Newlands Road
Chorlton Brook
Environment Agency
Defences removed modelled fluvial extent
Location (easting/northing)
385372/389681
Scale
1:10,000
Created
31 May 2024
Model name
Upper Mersey 2017
Selected area
Main river
Modelled flood extent
5% AEP
2% AEP
1.33% AEP
1% AEP
0.5% AEP
0.1% AEP
Flood extents may not be visible where they overlap other return periods
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metres
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Broad Oak Lane
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Barnes Way
Saville Road
Manchester Road
Newlands Road
Environment Agency
No defences exist
modelled fluvial extent
Location (easting/northing)
385372/389681
Scale
1:10,000
Created
31 May 2024
Model name
Chorlton Brook 2023
Selected area
Main river
Modelled flood extent
5% AEP
2% AEP
1.33% AEP
1% AEP
0.5% AEP
0.1% AEP
Flood extents may not be visible where they overlap other return periods
0 100 200 300 400 500
metres
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Morningside Drive
B5095
Pendlebury Road
M60
M56
Barnes Way
Saville Road
Green Walk
Manchester Road
Newlands Road
Chorlton Brook
Environment Agency
No defences exist
modelled fluvial extent
Location (easting/northing)
385372/389681
Scale
1:10,000
Created
31 May 2024
Model name
Gatley Brook 2009
Selected area
Main river
Modelled flood extent
5% AEP
1% AEP
0.1% AEP
Flood extents may not be visible where they overlap other return periods
0 100 200 300 400 500
metres
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Environment Agency

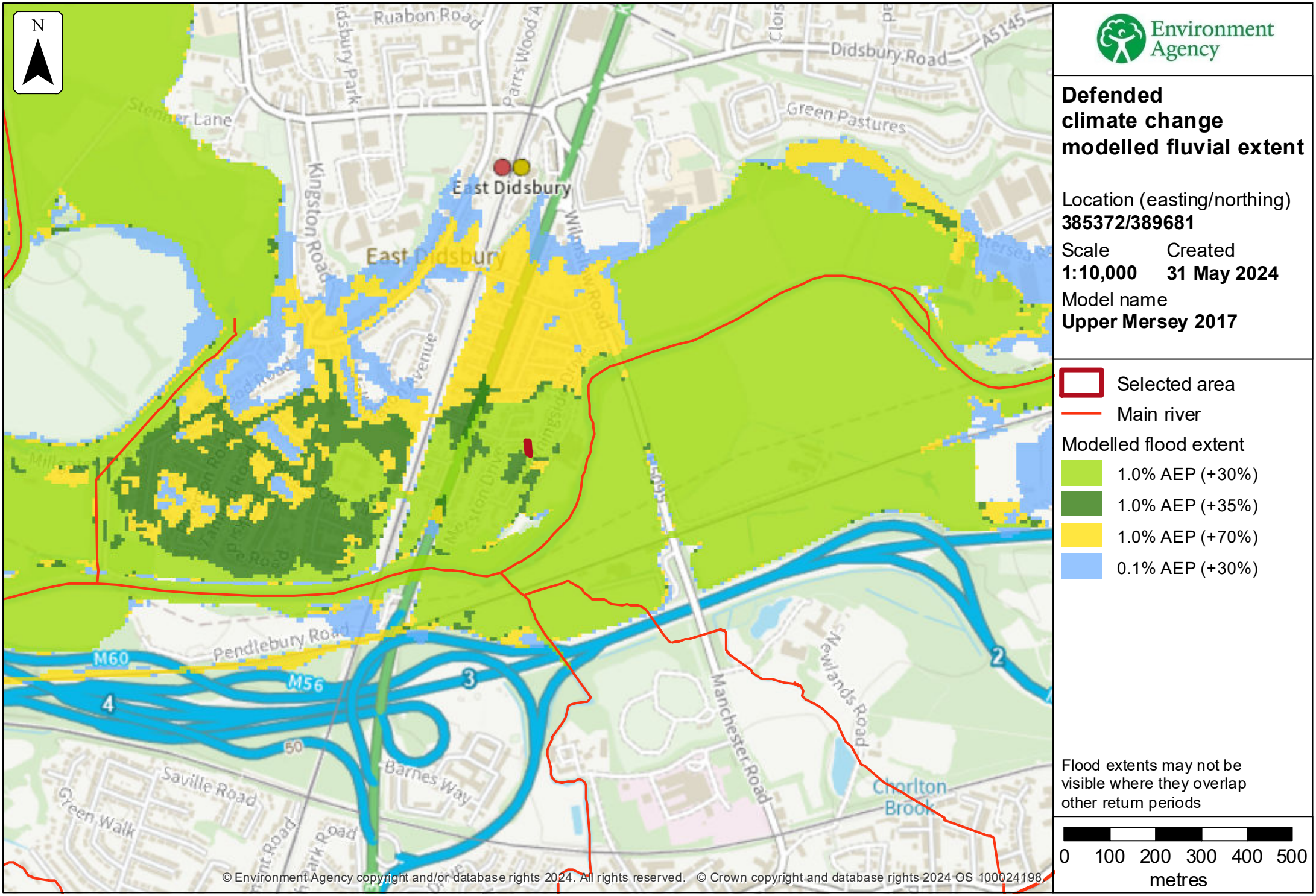
Defended climate change modelled fluvial extent

Location (easting/northing)
385372/389681

Scale
1:10,000

Created
31 May 2024

Model name
Micker Brook 2022



Environment Agency

Defended climate change modelled fluvial extent

Location (easting/northing)
385372/389681

Scale
1:10,000

Created
31 May 2024

Model name
Upper Mersey 2017

Selected area

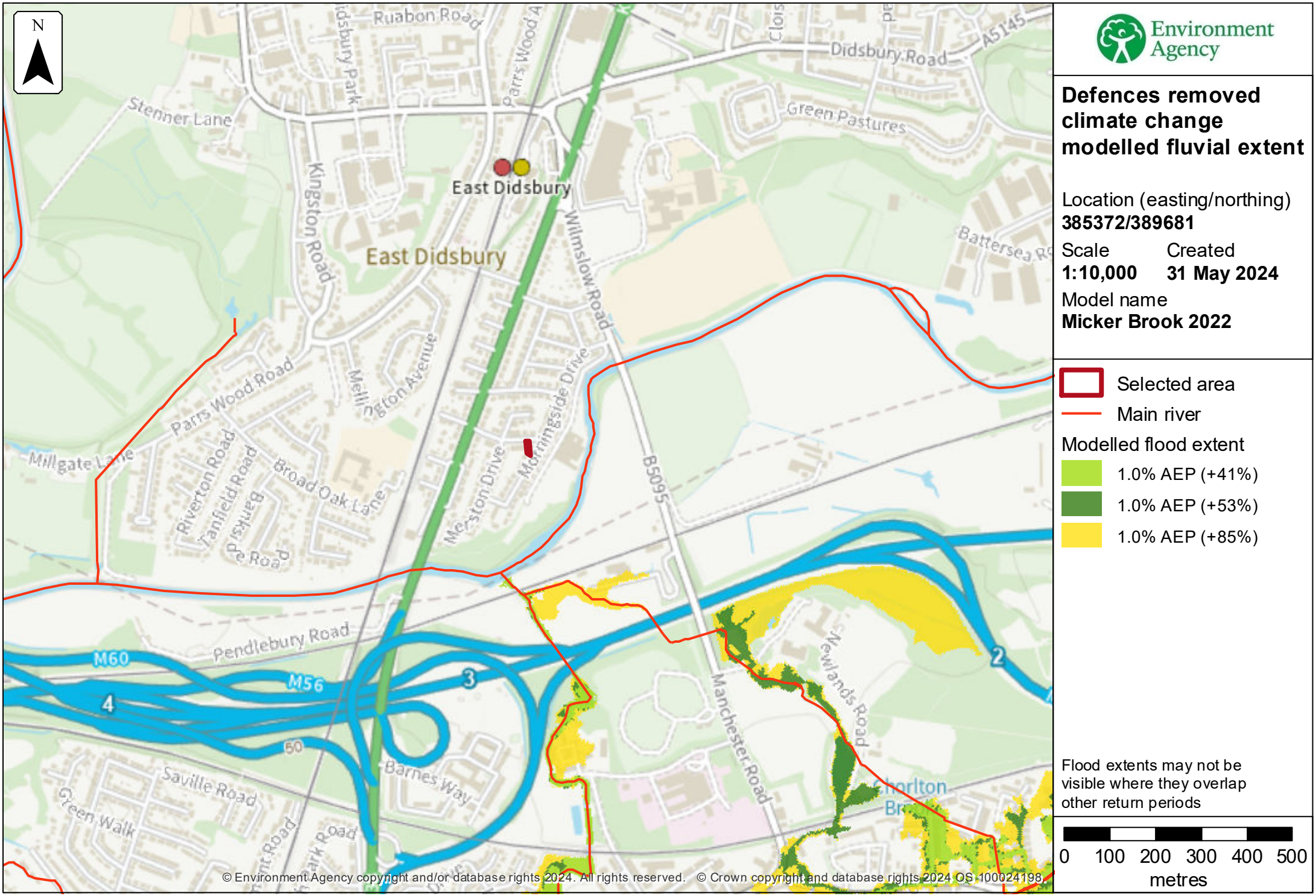
Main river

Modelled flood extent

- 1.0% AEP (+30%)
- 1.0% AEP (+35%)
- 1.0% AEP (+70%)
- 0.1% AEP (+30%)

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

0 100 200 300 400 500
metres



Environment Agency

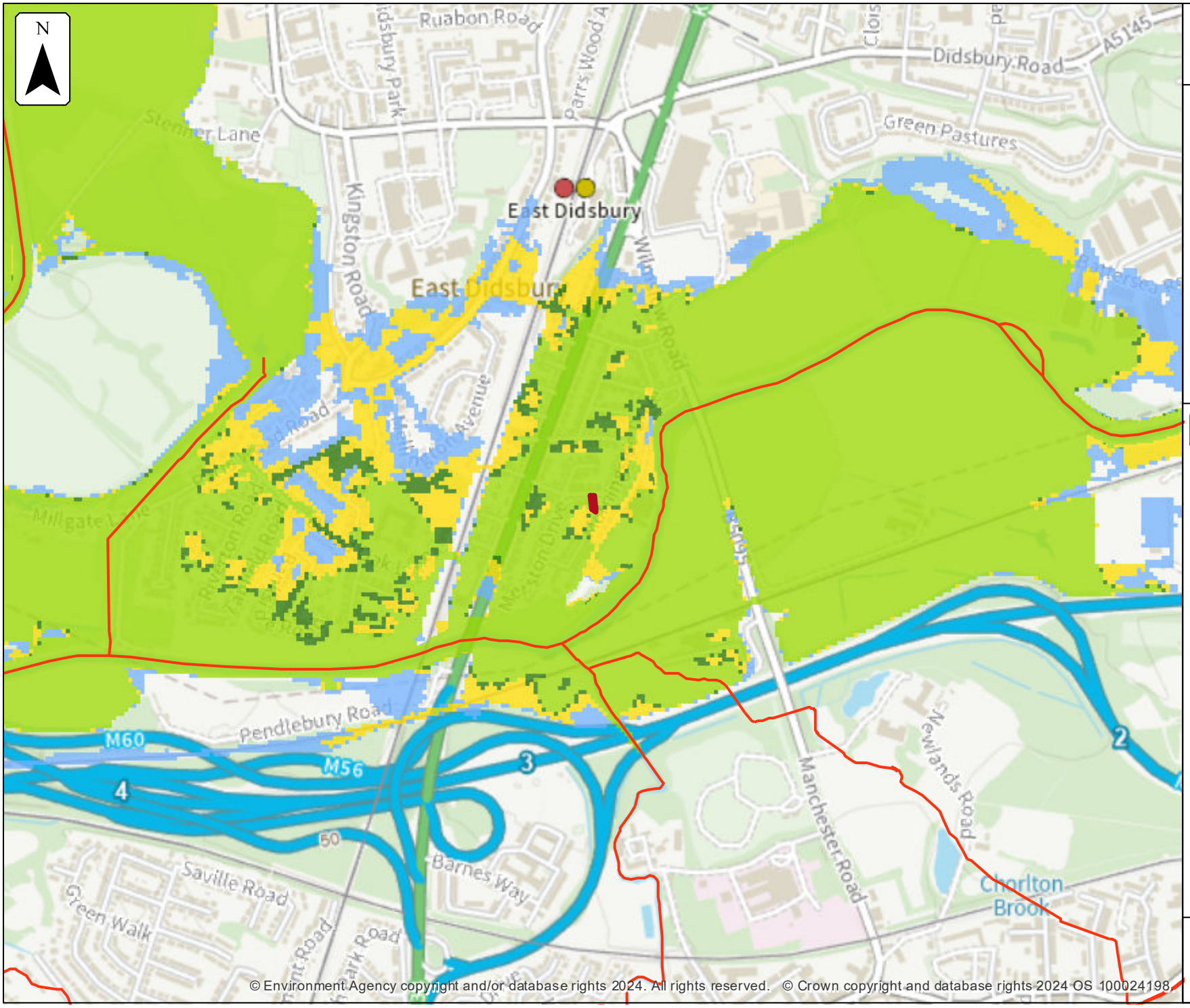
Defences removed climate change modelled fluvial extent

Location (easting/northing)
385372/389681

Scale
1:10,000

Created
31 May 2024

Model name
Micker Brook 2022



Environment Agency

Defences removed climate change modelled fluvial extent

Location (easting/northing)
385372/389681

Scale
1:10,000

Created
31 May 2024

Model name
Upper Mersey 2017

Selected area

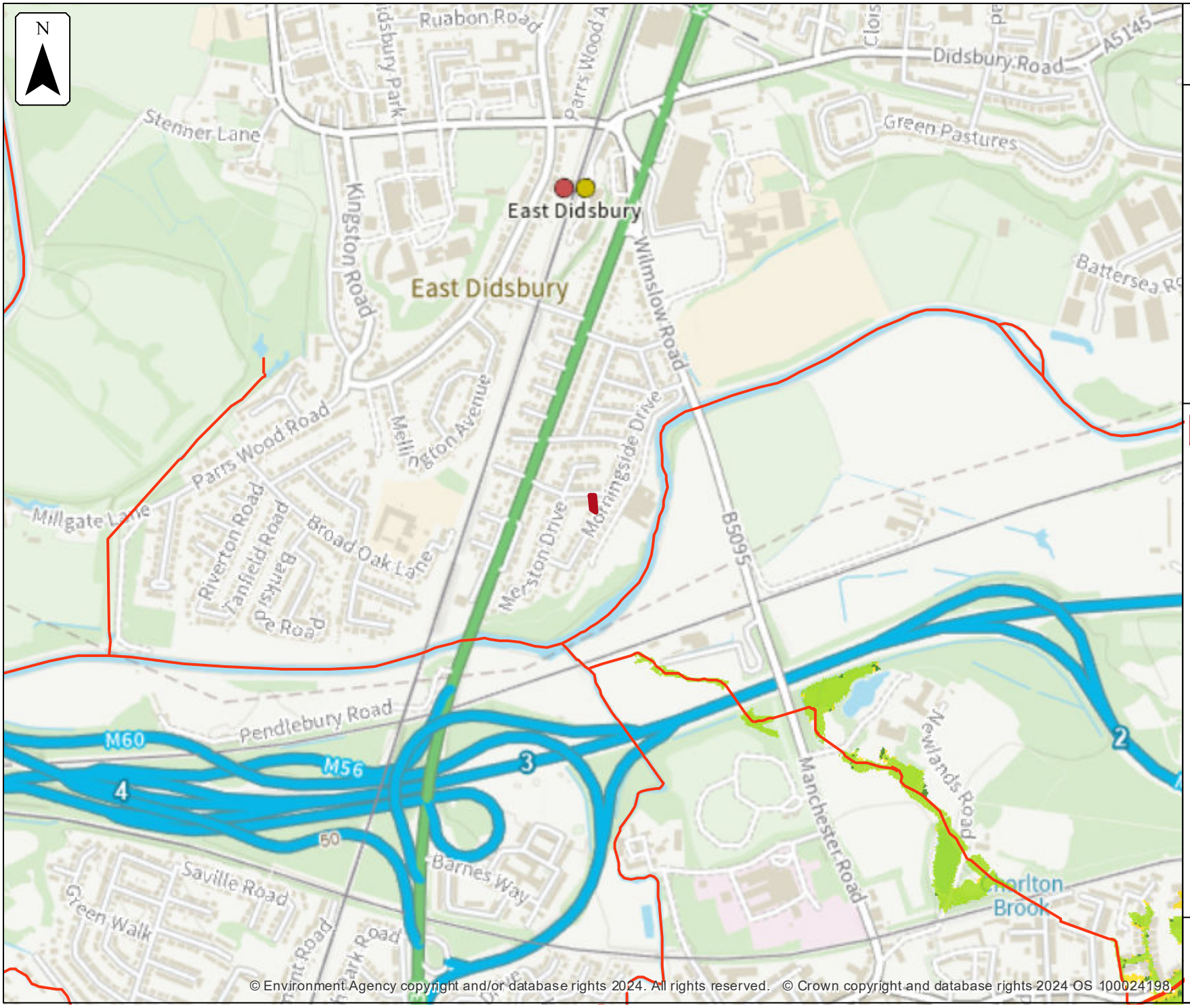
Main river

Modelled flood extent

- 1.0% AEP (+30%)
- 1.0% AEP (+35%)
- 1.0% AEP (+70%)
- 0.1% AEP (+30%)

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

0 100 200 300 400 500
metres



Environment Agency

No defences exist climate change modelled fluvial extent

Location (easting/northing)
385372/389681

Scale
1:10,000

Created
31 May 2024

Model name
Chorlton Brook 2023

Selected area

Main river

Modelled flood extent

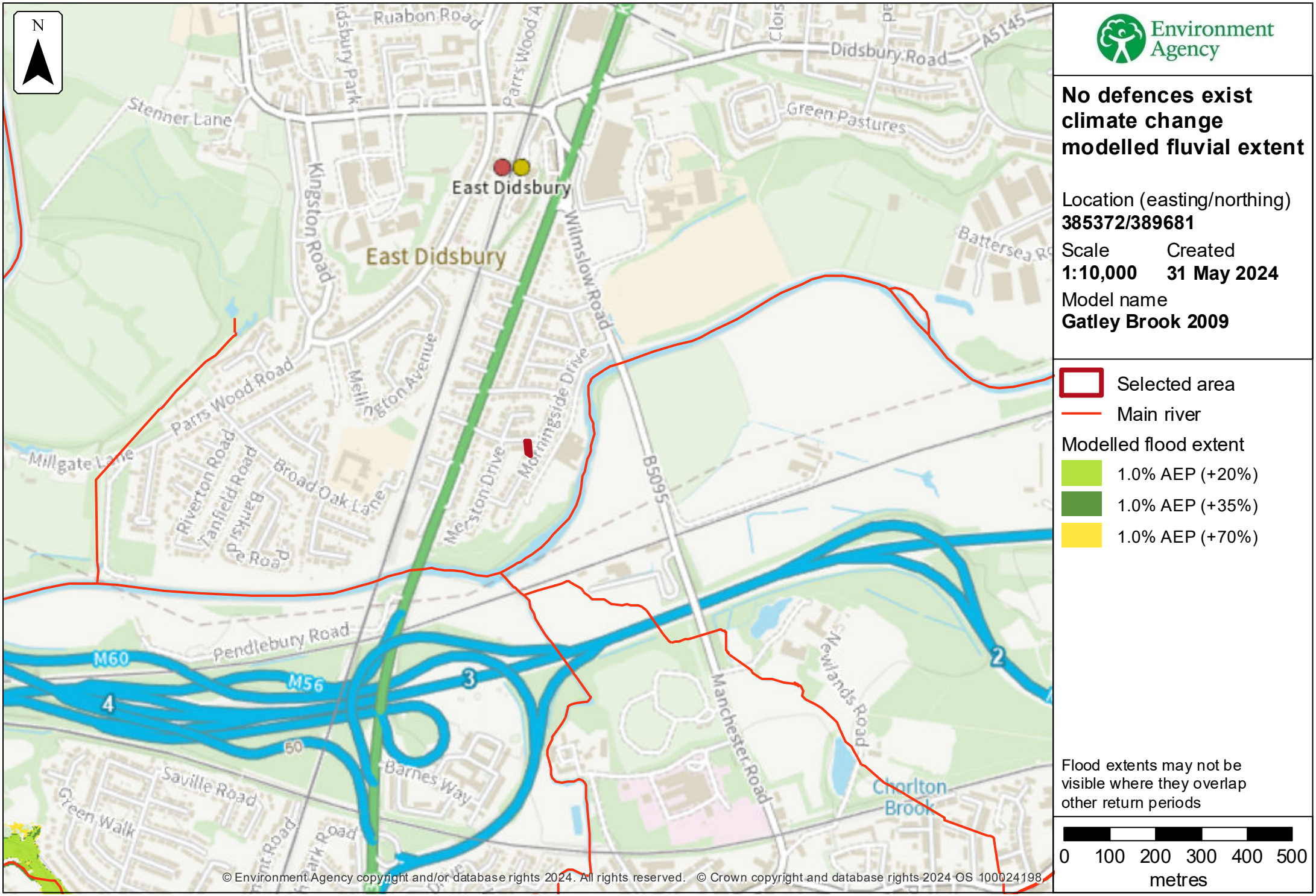
1.0% AEP (+41%)

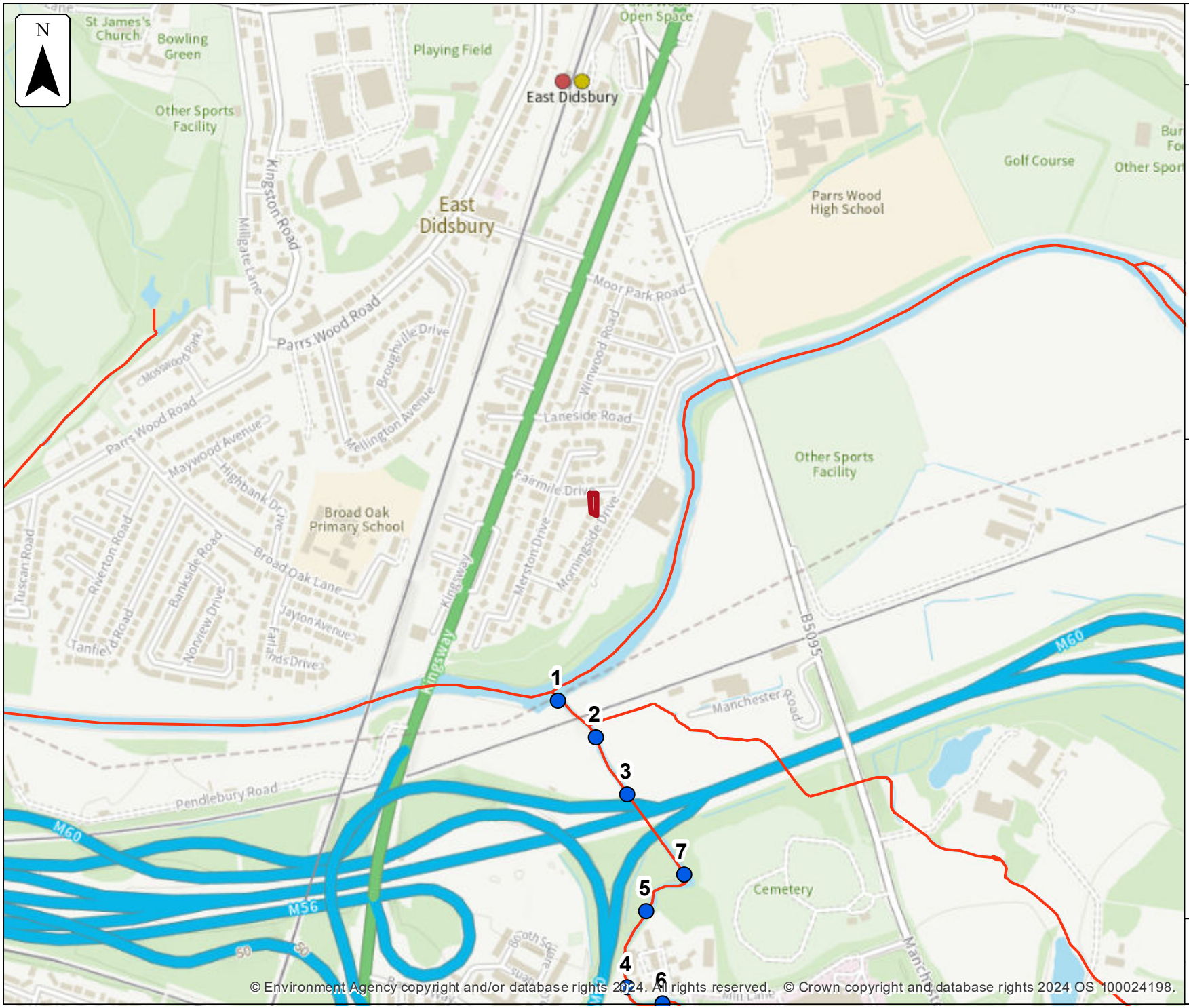
1.0% AEP (+53%)

1.0% AEP (+85%)

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

0 100 200 300 400 500
metres


N
Ruabon Road
Didsbury Road
A5145
Stenner Lane
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East Didsbury
Green Pastures
Wilmslow Road
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Morningside Drive
B5095
Pendlebury Road
M60
M56
Barnes Way
Saville Road
Green Walk
Manchester Road
Newlands Road
Chorlton Brook
Environment Agency
No defences exist climate change modelled fluvial extent
Location (easting/northing)
385372/389681
Scale
1:10,000
Created
31 May 2024
Model name
Gatley Brook 2009
Selected area
Main river
Modelled flood extent
1.0% AEP (+20%)
1.0% AEP (+35%)
1.0% AEP (+70%)
Flood extents may not be visible where they overlap other return periods
0 100 200 300 400 500
metres
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Environment Agency

Defended modelled fluvial node locations

Location (easting/northing)
385372/389681

Scale
1:7,500

Created
31 May 2024

Model name
Micker Brook 2022

- Selected area
- Modelled location
- Main river

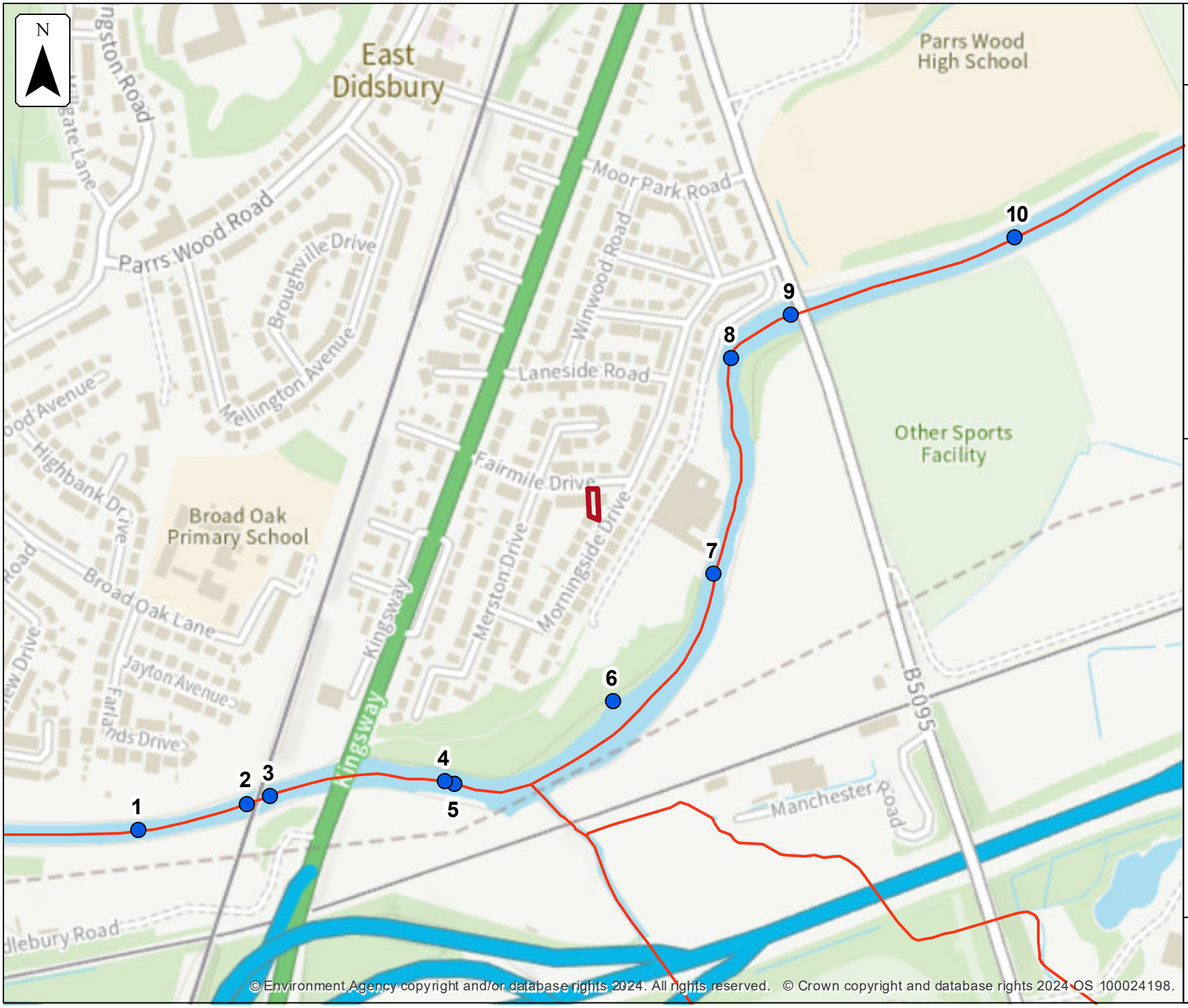
0 100 200 300
metres

Modelled node locations data

Defended

Label	Modelled location ID	Easting	Northing	5% AEP		2% AEP		1.33% AEP		1% AEP		0.5% AEP		0.1% AEP	
				Level	Flow	Level	Flow	Level	Flow	Level	Flow	Level	Flow	Level	Flow
1	1546703	385320	389392	31.99	27.38	31.99	33.38	31.99	37.16	31.99	39.73	31.99	47.32	31.99	69.07
2	1546806	385376	389338	32.09	27.38	32.13	33.38	32.17	37.16	32.20	39.73	32.30	47.32	32.71	69.01
3	1546635	385422	389255	32.19	27.38	32.27	33.38	32.34	37.16	32.39	39.73	32.73	47.32	33.35	69.81
4	1546667	385422	388972	33.28	27.38	33.52	33.38	33.66	37.16	33.75	39.73	34.04	47.42	34.93	69.06
5	1546613	385450	389084	32.60	27.38	32.78	33.38	32.91	37.16	32.99	39.73	33.38	47.37	34.48	70.04
6	1546800	385473	388950	33.72	27.38	34.01	33.38	34.18	37.16	34.30	39.73	34.65	47.39	36.17	68.35
7	1546789	385504	389138	32.47	27.38	32.64	33.38	32.77	37.16	32.85	39.73	33.28	47.31	34.47	66.05

Data in this table comes from the Micker Brook 2022 model.
Level values are shown in mAOD, and flow values are shown in cubic metres per second.
Any blank cells show where a particular scenario has not been modelled for this location.



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Environment Agency

Defended modelled fluvial node locations

Location (easting/northing)
385372/389681

Scale
1:5,000

Created
31 May 2024

Model name
Upper Mersey 2017

- Selected area
- Modelled location
- Main river

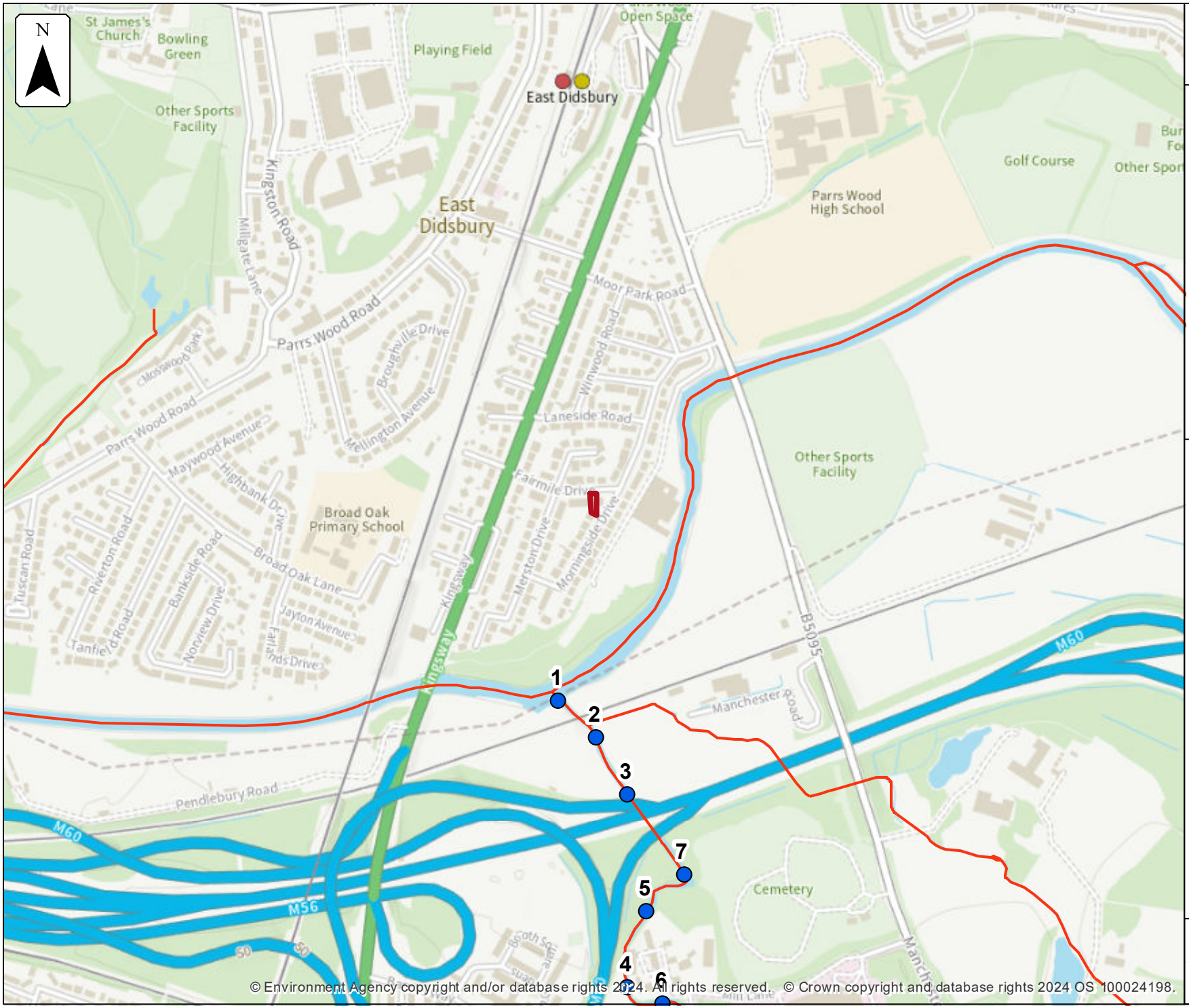
0 50 100 150 200 250
metres

Modelled node locations data

Defended

Label	Modelled location ID	Easting	Northing	5% AEP		2% AEP		1.33% AEP		1% AEP		0.5% AEP		0.1% AEP	
				Level	Flow	Level	Flow	Level	Flow	Level	Flow	Level	Flow	Level	Flow
1	1290830	384929	389361	32.73	311.04	33.06	362.59	33.17	381.35	33.24	397.52	33.38	423.07	33.94	611.88
2	1290644	385035	389387	32.85	310.09	33.19	362.45	33.29	382.71	33.37	397.20	33.52	421.92	34.23	586.99
3	1290733	385057	389394	32.97	310.09	33.34	362.45	33.45	382.71	33.54	397.20	33.69	421.92	34.51	586.99
4	1290672	385227	389409	33.09	310.73	33.47	362.57	33.60	380.95	33.69	395.39	33.88	416.47	35.0	521.75
5	1290527	385237	389407	33.09	287.01	33.47	334.70	33.60	351.20	33.69	365.35	33.88	379.16	35.0	459.06
6	1290659	385392	389486	33.34	280.93	33.75	317.96	33.86	330.51	33.97	339.85	34.14	353.45	35.17	383.74
7	1290729	385490	389612	33.33	285.90	33.74	299.27	33.86	306.11	33.97	313.60	34.13	324.75	35.15	357.22
8	1290547	385507	389821	33.54	285.97	33.82	329.99	33.91	344.46	34.0	357.35	34.16	371.08	35.29	388.53
9	1290705	385565	389864	33.67	286.39	33.95	334.13	34.04	351.85	34.13	366.46	34.27	385.71	35.32	403.67
10	1290597	385783	389940	34.13	264.59	34.57	271.89	34.71	273.08	34.87	274.19	35.14	275.59	35.55	453.70

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



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Environment Agency

Defences removed modelled fluvial node locations

Location (easting/northing)
385372/389681

Scale
1:7,500

Created
31 May 2024

Model name
Micker Brook 2022

- Selected area
- Modelled location
- Main river

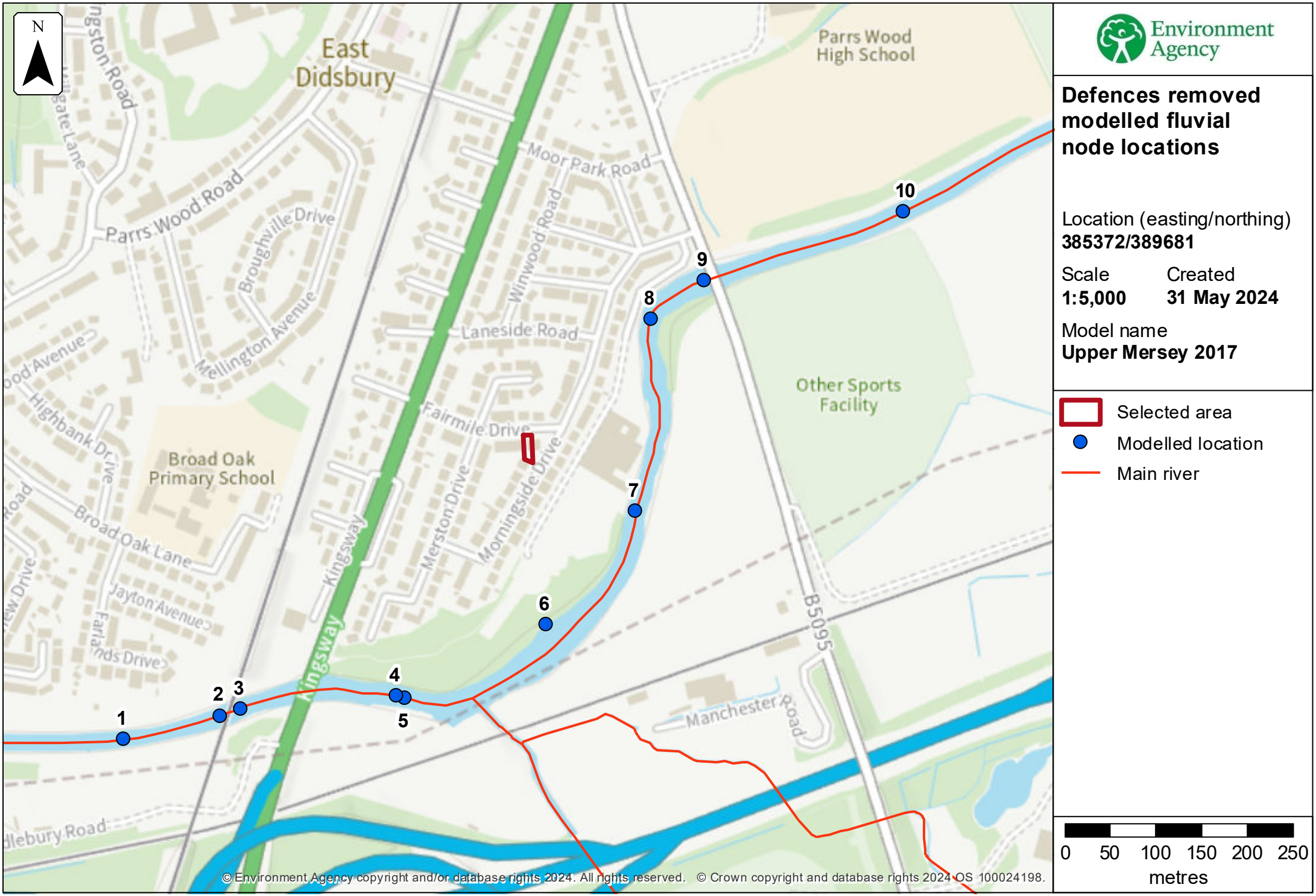
0 100 200 300
metres

Modelled node locations data

Defences removed

Label	Modelled location ID	Easting	Northing	5% AEP		2% AEP		1.33% AEP		1% AEP		0.5% AEP		0.1% AEP	
				Level	Flow	Level	Flow	Level	Flow	Level	Flow	Level	Flow	Level	Flow
1	1546703	385320	389392	31.99	27.14	31.99	33.23	31.99	37.60	31.99	40.01	31.99	47.77	31.99	69.15
2	1546806	385376	389338	32.09	27.14	32.13	33.23	32.18	37.60	32.20	40.01	32.31	47.77	32.72	69.06
3	1546635	385422	389255	32.19	27.14	32.27	33.23	32.35	37.60	32.40	40.01	32.74	47.77	33.36	69.88
4	1546667	385422	388972	33.27	27.14	33.52	33.23	33.68	37.60	33.76	40.01	34.06	47.78	34.93	69.14
5	1546613	385450	389084	32.59	27.14	32.78	33.23	32.92	37.60	33.0	40.01	33.40	47.78	34.48	70.12
6	1546800	385473	388950	33.71	27.14	34.0	33.23	34.20	37.60	34.31	40.01	34.66	47.78	36.17	68.42
7	1546789	385504	389138	32.46	27.14	32.64	33.23	32.78	37.60	32.86	40.01	33.30	47.42	34.47	66.14

Data in this table comes from the Micker Brook 2022 model.
Level values are shown in mAOD, and flow values are shown in cubic metres per second.
Any blank cells show where a particular scenario has not been modelled for this location.

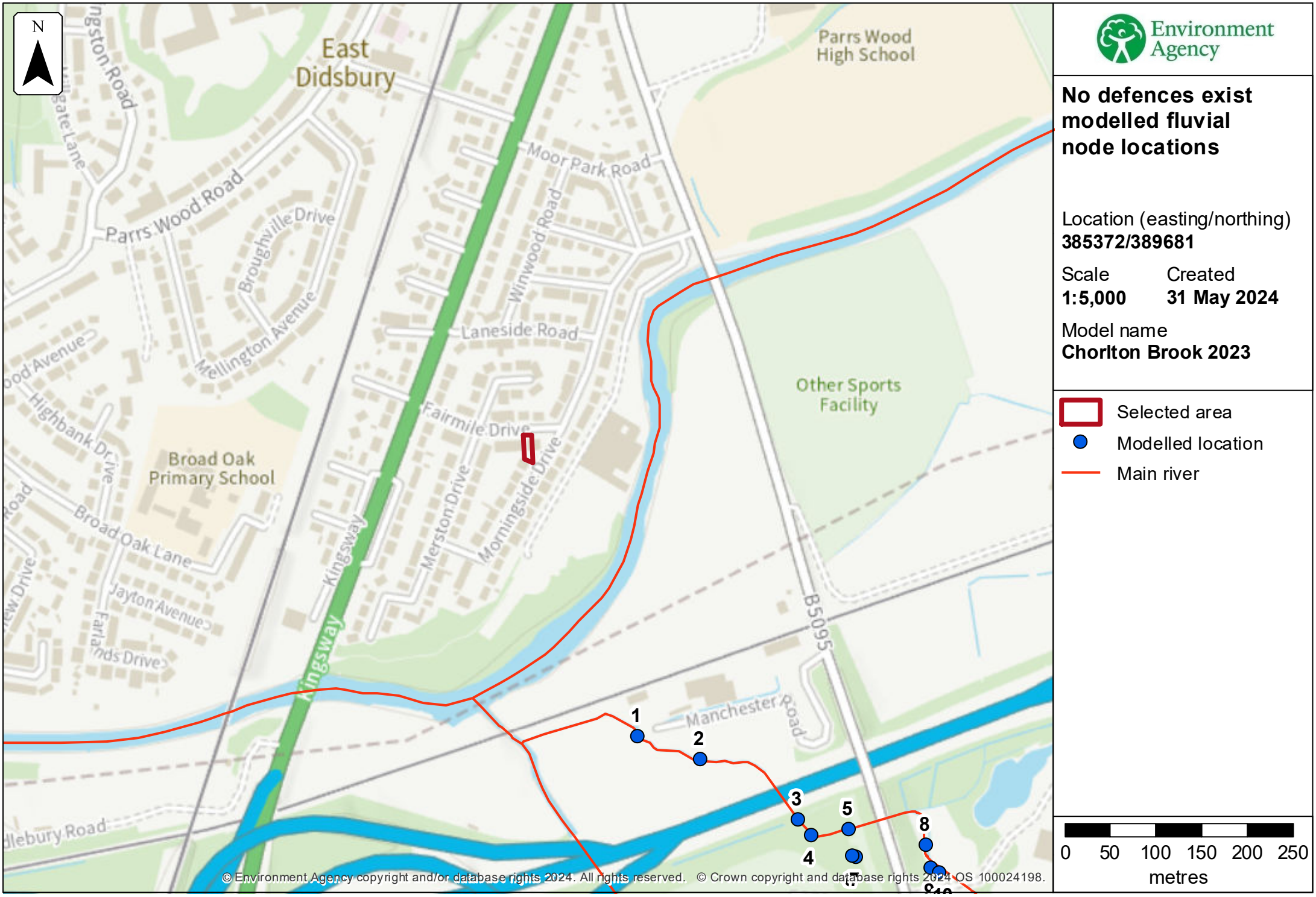

N
East Didsbury
Parrs Wood High School
Parrs Wood Road
Moor Park Road
Winwood Road
Laneside Road
Broughville Drive
Mellington Avenue
Fairmile Drive
Merston Drive
Morningside Drive
Broad Oak Primary School
Broad Oak Lane
Jayton Avenue
Kingsway
Other Sports Facility
B5095
Manchester Road
1
2
3
4
5
6
7
8
9
10
Environment Agency
Defences removed modelled fluvial node locations
Location (easting/northing)
385372/389681
Scale
1:5,000
Created
31 May 2024
Model name
Upper Mersey 2017
Selected area
Modelled location
Main river
0 50 100 150 200 250
metres
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Modelled node locations data

Defences removed

Label	Modelled location ID	Easting	Northing	5% AEP		2% AEP		1.33% AEP		1% AEP		0.5% AEP		0.1% AEP	
				Level	Flow	Level	Flow	Level	Flow	Level	Flow	Level	Flow	Level	Flow
1	1290830	384929	389361	32.10	299.93	32.25	346.30	32.32	368.75	32.37	385.86	32.50	431.33	33.08	605.67
2	1290644	385035	389387	32.29	300.28	32.46	348.20	32.54	371.64	32.60	389.64	32.74	436.68	33.35	618.73
3	1290733	385057	389394	32.43	300.28	32.66	348.20	32.77	371.64	32.85	389.64	33.06	436.68	33.93	618.73
4	1290672	385227	389409	32.62	300.37	32.87	348.36	33.0	371.65	33.09	389.69	33.32	436.48	34.63	516.12
5	1290527	385237	389407	32.62	276.13	32.87	324.23	33.0	345.05	33.09	361.58	33.32	403.90	34.63	459.94
6	1290659	385392	389486	32.92	269.22	33.22	315.05	33.36	335.54	33.46	348.68	33.75	366.10	34.86	400.64
7	1290729	385490	389612	32.93	275.61	33.22	320.98	33.36	337.26	33.46	344.13	33.76	342.60	34.86	355.12
8	1290547	385507	389821	33.19	275.72	33.51	320.37	33.64	338.65	33.71	351.44	33.86	370.69	35.04	365.97
9	1290705	385565	389864	33.34	275.65	33.66	320.93	33.80	340.44	33.87	353.78	34.01	376.17	35.13	373.25
10	1290597	385783	389940	33.83	228.88	34.34	233.71	34.53	235.75	34.64	236.76	34.83	242.81	35.45	401.71

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



Environment Agency

No defences exist modelled fluvial node locations

Location (easting/northing)
385372/389681

Scale
1:5,000

Created
31 May 2024

Model name
Chorlton Brook 2023

Selected area
Modelled location
Main river

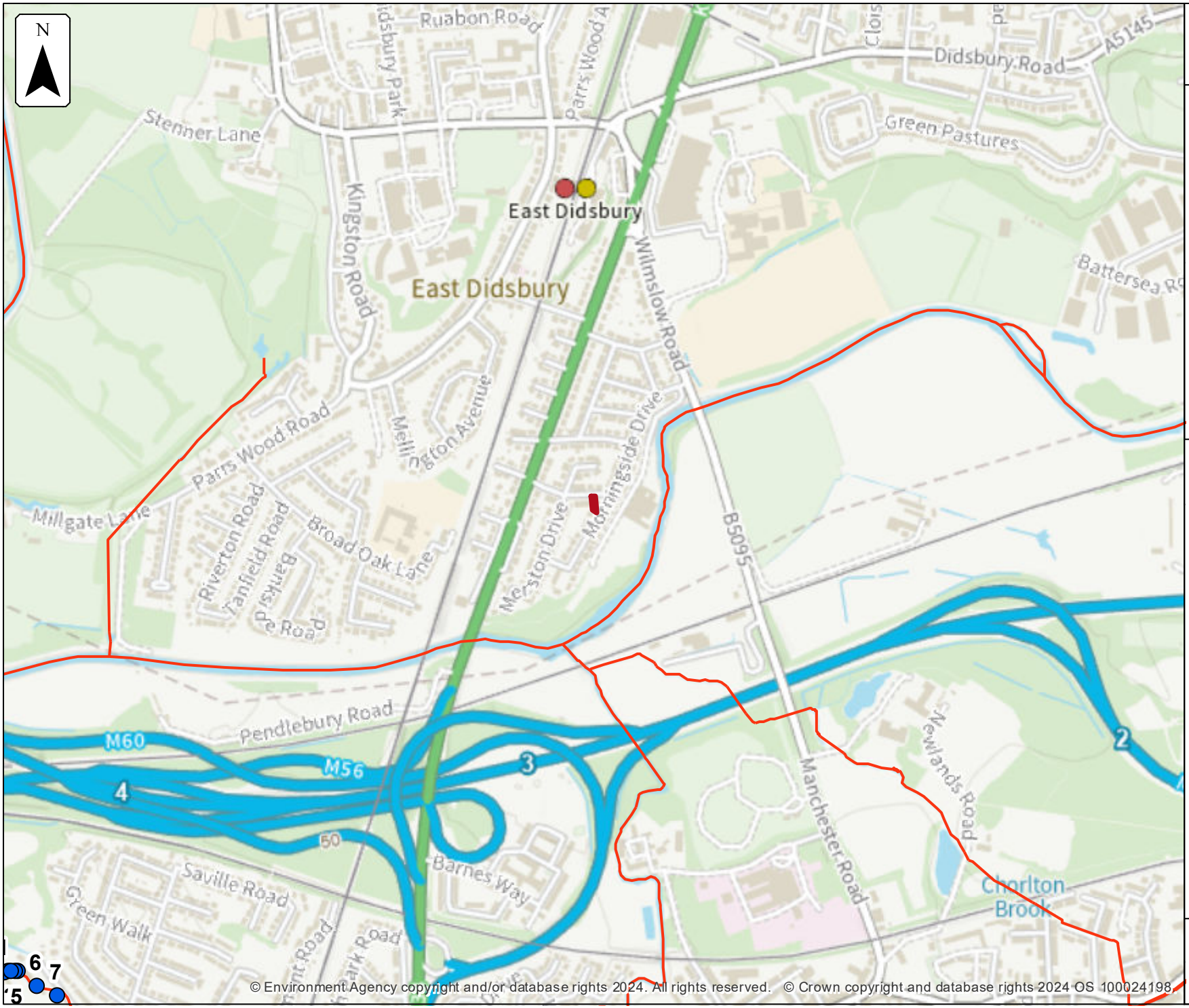
0 50 100 150 200 250
metres

Modelled node locations data

No defences exist

Label	Modelled location ID	Easting	Northing	5% AEP		2% AEP		1.33% AEP		1% AEP		0.5% AEP		0.1% AEP	
				Level	Flow	Level	Flow	Level	Flow	Level	Flow	Level	Flow	Level	Flow
1	1580223	385493	389364	32.08	1.78	32.10	2.04	32.11	2.19	32.12	2.30	32.15	2.55	32.22	3.16
2	1580162	385560	389339	32.08	1.70	32.11	1.94	32.12	2.08	32.13	2.17	32.16	2.40	32.23	2.94
3	1580233	385668	389273	32.11	1.70	32.13	1.94	32.15	2.08	32.16	2.17	32.20	2.40	32.29	2.94
4	1580216	385682	389256	32.11	1.70	32.14	1.94	32.15	2.08	32.17	2.17	32.20	2.40	32.29	2.94
5	1580152	385723	389262	32.11	1.48	32.14	1.69	32.15	1.81	32.16	1.89	32.20	2.11	32.29	2.63
6	1580235	385727	389232	32.11	0.26	32.14	0.26	32.15	0.28	32.17	0.29	32.20	0.31	32.29	0.35
7	1580225	385732	389232	32.11	0.24	32.14	0.26	32.15	0.28	32.17	0.29	32.20	0.32	32.29	0.36
8	1580130	385808	389245	32.13	1.50	32.17	1.71	32.19	1.85	32.20	1.95	32.24	2.18	32.34	2.73
9	1580142	385814	389220	32.33	1.75	32.37	1.98	32.40	2.13	32.41	2.24	32.45	2.50	32.54	3.08
10	1580176	385822	389215	32.33	1.76	32.37	1.98	32.40	2.13	32.41	2.24	32.45	2.50	32.54	3.08

Data in this table comes from the Chorlton Brook 2023 model.
Level values are shown in mAOD, and flow values are shown in cubic metres per second.
Any blank cells show where a particular scenario has not been modelled for this location.



Environment Agency

No defences exist modelled fluvial node locations

Location (easting/northing)
385372/389681

Scale
1:10,000

Created
31 May 2024

Model name
Gatley Brook 2009

- Selected area
- Modelled location
- Main river

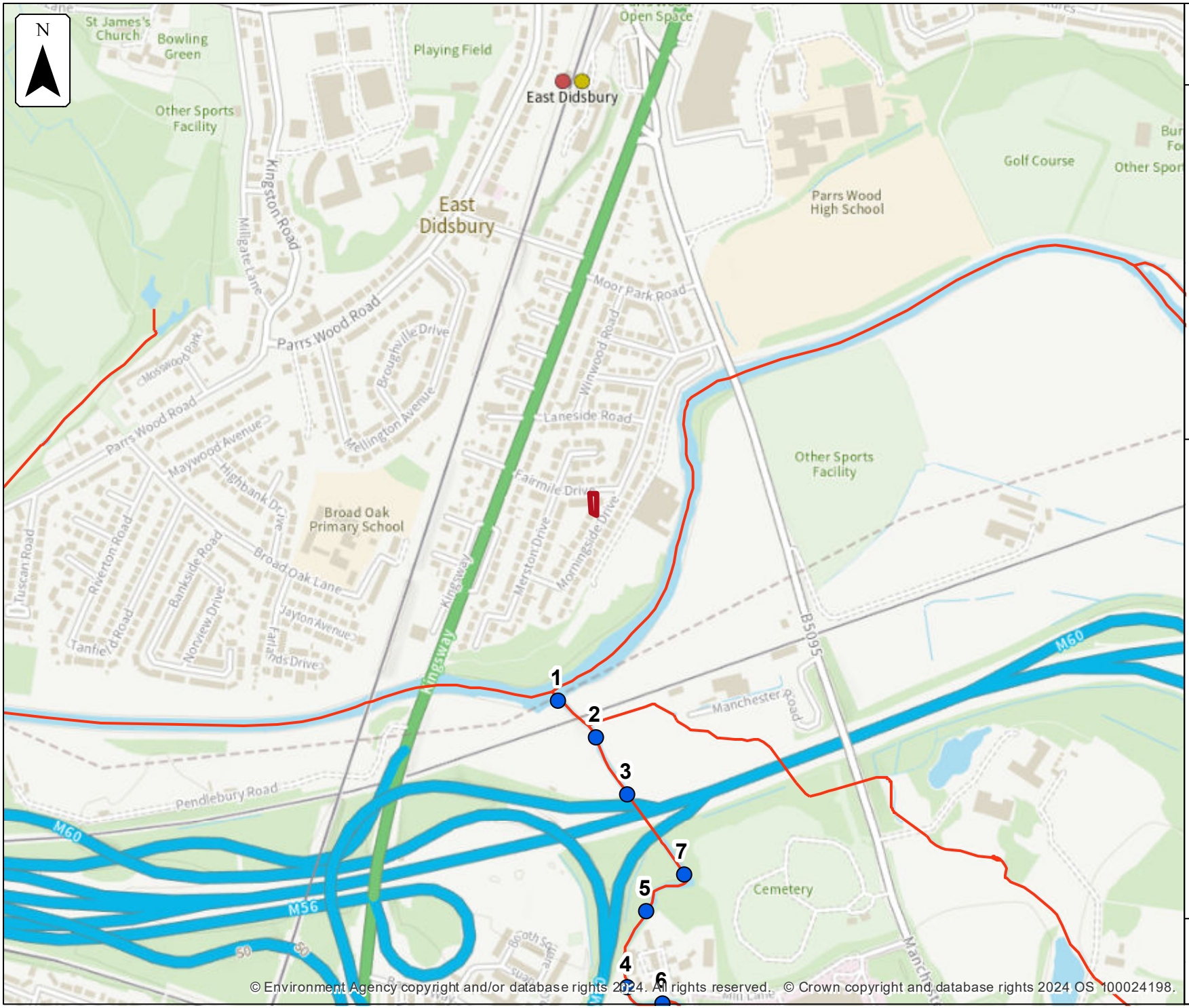
0 100 200 300 400 500
metres

Modelled node locations data

No defences exist

Label	Modelled location ID	Easting	Northing	5% AEP		2% AEP		1.33% AEP		1% AEP		0.5% AEP		0.1% AEP	
				Level	Flow	Level	Flow	Level	Flow	Level	Flow	Level	Flow	Level	Flow
1	1466992	384224	388768	32.40	4.94					32.83	9.41			33.02	12.27
2	1466991	384232	388768	32.45	5.01					32.90	9.35			33.10	12.21
3	1466952	384237	388768	32.50	4.96					32.92	9.36			33.15	12.25
4	1466990	384245	388769	32.76	4.97					33.15	9.36			33.37	12.24
5	1466959	384250	388770	32.76	3.56					33.15	5.01			33.37	5.90
6	1466968	384287	388739	33.35	3.56					33.49	5.0			33.61	5.90
7	1466955	384326	388722	33.67	3.54					33.90	5.0			34.17	5.89

Data in this table comes from the Gatley Brook 2009 model.
Level values are shown in mAOD, and flow values are shown in cubic metres per second.
Any blank cells show where a particular scenario has not been modelled for this location.



Environment Agency

Defended climate change modelled fluvial node locations

Location (easting/northing)
385372/389681

Scale
1:7,500

Created
31 May 2024

Model name
Micker Brook 2022

Selected area
Modelled location
Main river

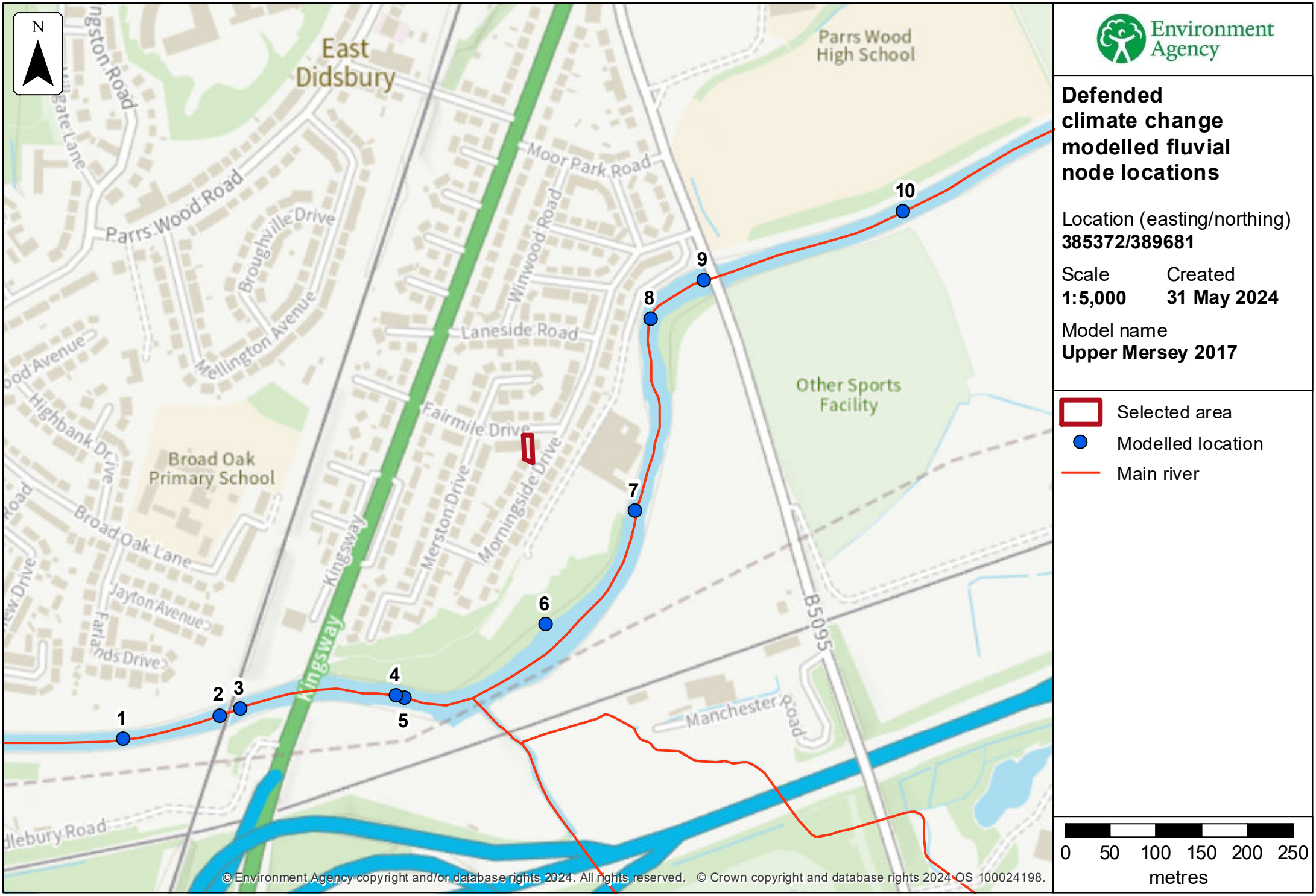
0 100 200 300
metres

Modelled node locations data

Defended climate change

Label	Modelled location ID	Easting	Northing	1.0% AEP (+41%)		1.0% AEP (+53%)		1.0% AEP (+85%)	
				Level	Flow	Level	Flow	Level	Flow
1	1546703	385320	389392	31.99	55.50	31.99	60.53	31.99	71.64
2	1546806	385376	389338	32.44	55.50	32.53	60.56	32.79	70.63
3	1546635	385422	389255	32.97	55.50	33.13	60.56	33.42	71.88
4	1546667	385422	388972	34.34	55.50	34.54	60.57	35.03	69.99
5	1546613	385450	389084	33.74	55.49	34.01	60.56	34.60	72.08
6	1546800	385473	388950	35.03	55.50	35.28	60.58	36.24	70.72
7	1546789	385504	389138	33.68	53.70	33.98	57.58	34.59	68.25

Data in this table comes from the Micker Brook 2022 model.
Level values are shown in mAOD, and flow values are shown in cubic metres per second.
Any blank cells show where a particular scenario has not been modelled for this location.



Environment Agency

Defended climate change modelled fluvial node locations

Location (easting/northing)
385372/389681

Scale
1:5,000

Created
31 May 2024

Model name
Upper Mersey 2017

Selected area
Modelled location
Main river

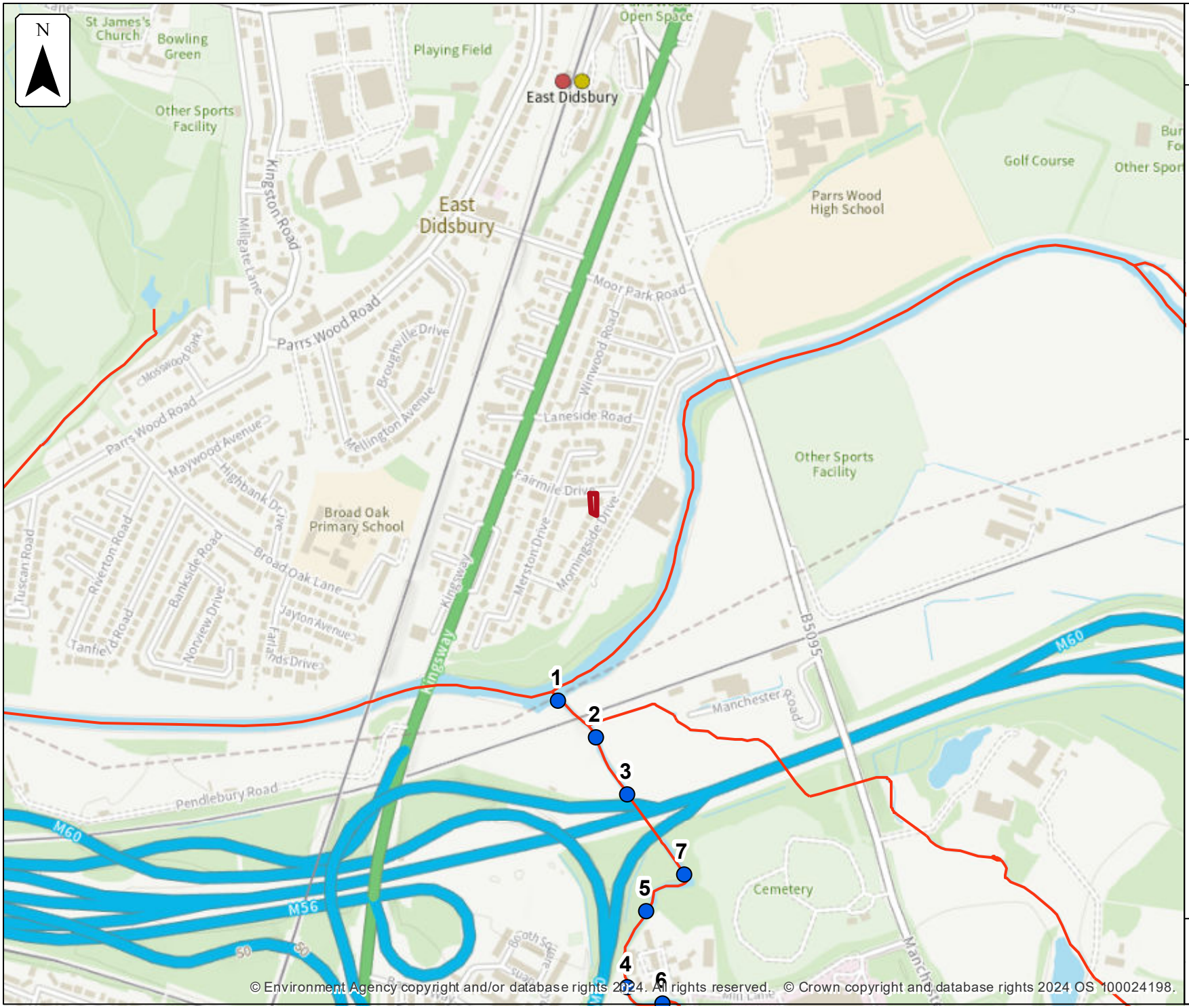
0 50 100 150 200 250
metres

Modelled node locations data

Defended climate change

Label	Modelled location ID	Easting	Northing	1.0% AEP (+30%)		1.0% AEP (+35%)		1.0% AEP (+70%)		0.1% AEP (+30%)	
				Level	Flow	Level	Flow	Level	Flow	Level	Flow
1	1290830	384929	389361	33.65	488.38	33.69	508.38	33.89	589.73	34.21	744.02
2	1290644	385035	389387	33.84	478.45	33.90	495.11	34.16	566.0	34.58	708.62
3	1290733	385057	389394	34.04	478.45	34.12	495.11	34.43	566.0	34.96	708.62
4	1290672	385227	389409	34.26	467.41	34.34	484.91	34.86	520.73	35.62	543.09
5	1290527	385237	389407	34.26	435.29	34.34	449.73	34.86	453.26	35.62	452.28
6	1290659	385392	389486	34.59	366.56	34.68	368.35	35.05	378.89	35.70	441.90
7	1290729	385490	389612	34.58	333.47	34.68	334.26	35.03	352.79	35.70	385.50
8	1290547	385507	389821	34.68	381.18	34.81	382.21	35.17	383.09	35.85	407.06
9	1290705	385565	389864	34.73	401.28	34.84	403.27	35.21	398.65	35.89	425.40
10	1290597	385783	389940	35.34	314.91	35.37	326.45	35.48	436.96	36.12	563.12

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



Environment Agency

Defences removed climate change modelled fluvial node locations

Location (easting/northing)
385372/389681

Scale
1:7,500

Created
31 May 2024

Model name
Micker Brook 2022

Selected area
Modelled location
Main river

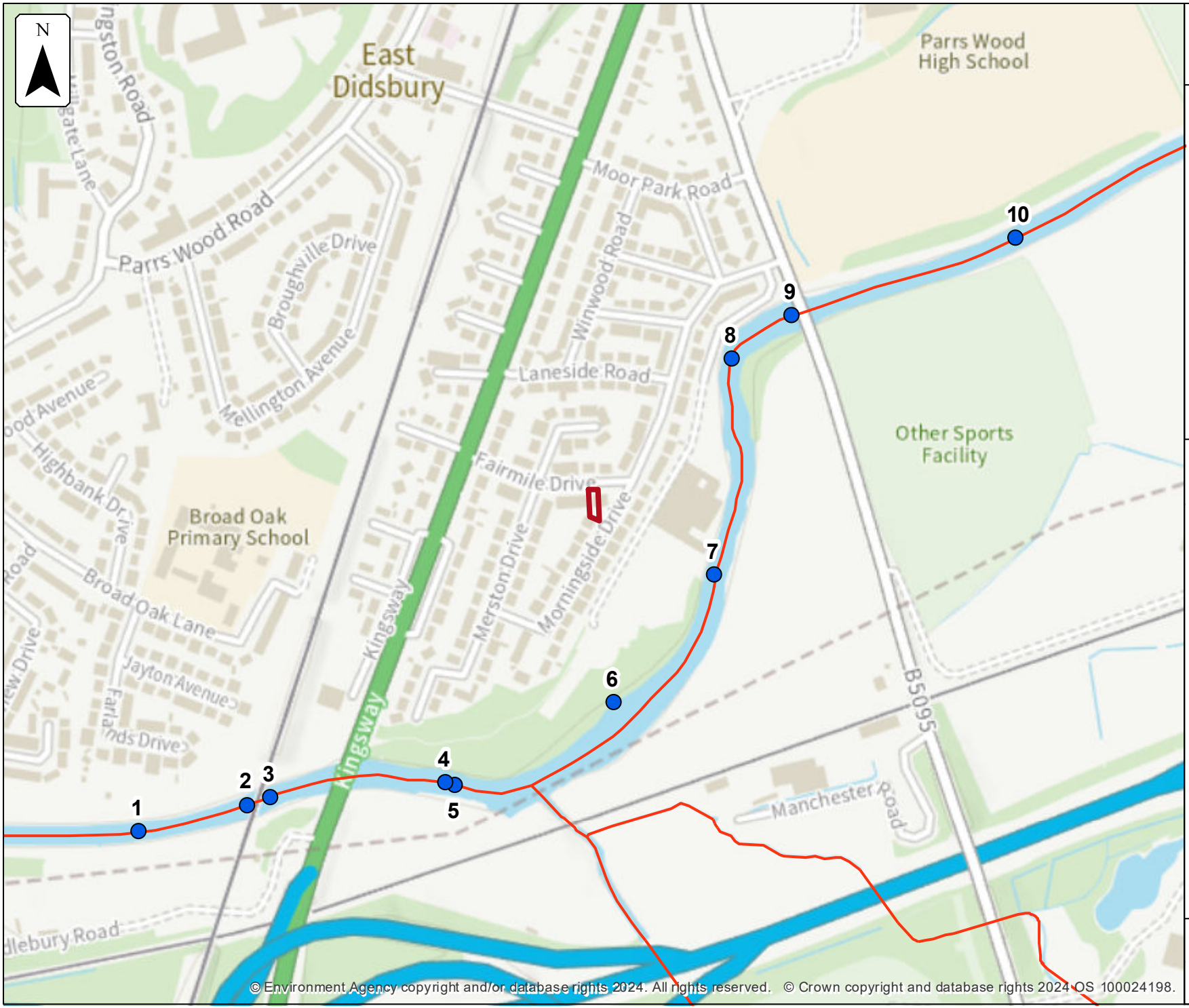
0 100 200 300
metres

Modelled node locations data

Defences removed climate change

Label	Modelled location ID	Easting	Northing	1.0% AEP (+41%)		1.0% AEP (+53%)		1.0% AEP (+85%)	
				Level	Flow	Level	Flow	Level	Flow
1	1546703	385320	389392	31.99	55.81	31.99	60.65	31.99	71.42
2	1546806	385376	389338	32.44	55.81	32.53	60.68	32.78	70.62
3	1546635	385422	389255	32.98	55.81	33.13	60.68	33.41	71.89
4	1546667	385422	388972	34.35	55.81	34.55	62.19	35.02	70.02
5	1546613	385450	389084	33.76	55.80	34.01	61.78	34.60	72.04
6	1546800	385473	388950	35.04	55.81	35.64	60.72	36.24	70.73
7	1546789	385504	389138	33.70	53.93	33.98	58.55	34.58	68.19

Data in this table comes from the Micker Brook 2022 model.
Level values are shown in mAOD, and flow values are shown in cubic metres per second.
Any blank cells show where a particular scenario has not been modelled for this location.



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Environment Agency

Defences removed climate change modelled fluvial node locations

Location (easting/northing)
385372/389681

Scale
1:5,000

Created
31 May 2024

Model name
Upper Mersey 2017

Selected area
Modelled location
Main river

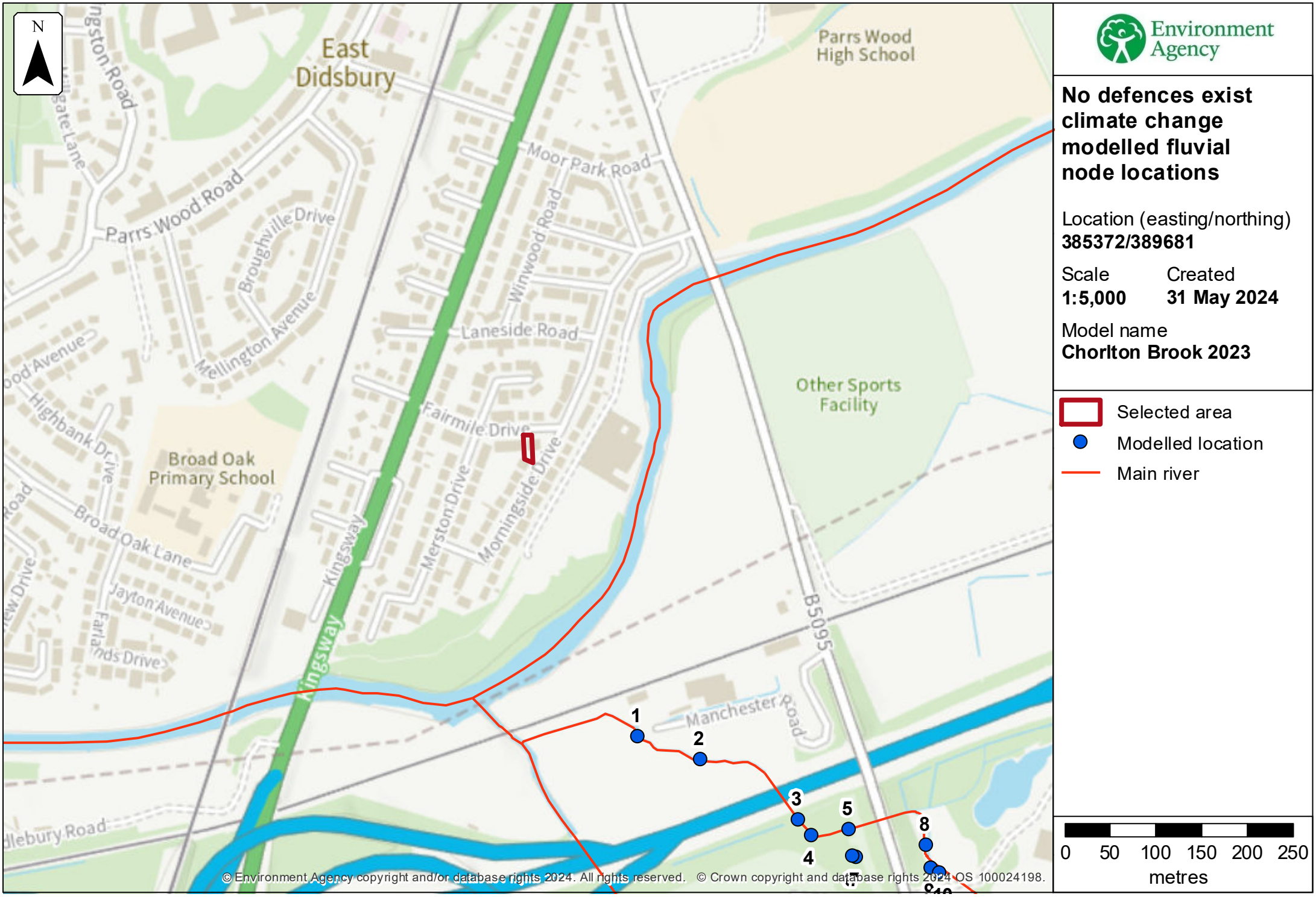
0 50 100 150 200 250
metres

Modelled node locations data

Defences removed climate change

Label	Modelled location ID	Easting	Northing	1.0% AEP (+30%)		1.0% AEP (+35%)		1.0% AEP (+70%)		0.1% AEP (+30%)	
				Level	Flow	Level	Flow	Level	Flow	Level	Flow
1	1290830	384929	389361	32.67	494.96	32.73	510.96	33.02	589.49	33.52	729.39
2	1290644	385035	389387	32.93	504.58	32.98	521.49	33.28	602.82	33.75	753.99
3	1290733	385057	389394	33.38	504.58	33.46	521.49	33.85	602.82	34.50	753.99
4	1290672	385227	389409	33.73	489.22	33.86	495.14	34.50	515.88	35.42	530.67
5	1290527	385237	389407	33.73	451.19	33.86	453.33	34.50	457.20	35.42	457.69
6	1290659	385392	389486	34.16	382.06	34.27	382.41	34.76	394.85	35.52	434.16
7	1290729	385490	389612	34.17	342.67	34.28	341.82	34.76	351.39	35.52	360.73
8	1290547	385507	389821	34.30	370.67	34.42	372.84	34.93	363.39	35.71	373.53
9	1290705	385565	389864	34.39	379.39	34.50	378.83	35.01	368.85	35.76	382.01
10	1290597	385783	389940	35.13	267.89	35.20	275.79	35.44	320.24	35.83	545.91

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



Environment Agency

No defences exist climate change modelled fluvial node locations

Location (easting/northing)
385372/389681

Scale
1:5,000

Created
31 May 2024

Model name
Chorlton Brook 2023

Selected area
Modelled location
Main river

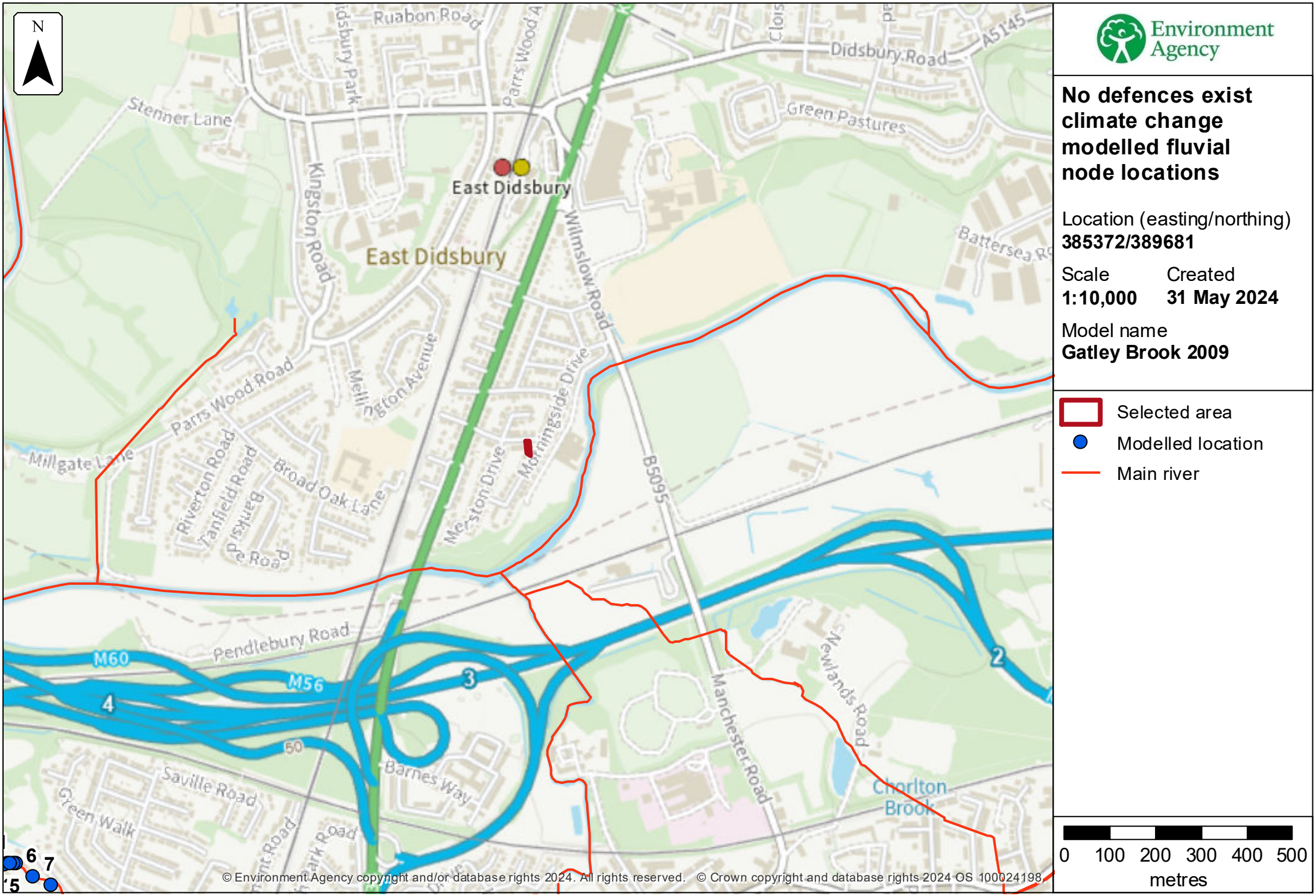
0 50 100 150 200 250
metres

Modelled node locations data

No defences exist climate change

Label	Modelled location ID	Easting	Northing	1.0% AEP (+41%)		1.0% AEP (+53%)		1.0% AEP (+85%)	
				Level	Flow	Level	Flow	Level	Flow
1	1580223	385493	389364	32.18	2.88	32.20	3.03	32.24	3.37
2	1580162	385560	389339	32.20	2.70	32.22	2.83	32.26	3.12
3	1580233	385668	389273	32.24	2.70	32.27	2.83	32.32	3.12
4	1580216	385682	389256	32.25	2.70	32.27	2.83	32.32	3.12
5	1580152	385723	389262	32.24	2.40	32.27	2.52	32.32	2.82
6	1580235	385727	389232	32.25	0.33	32.27	0.34	32.32	0.36
7	1580225	385732	389232	32.25	0.34	32.27	0.35	32.32	0.36
8	1580130	385808	389245	32.30	2.47	32.32	2.61	32.38	2.90
9	1580142	385814	389220	32.50	2.80	32.52	2.96	32.57	3.24
10	1580176	385822	389215	32.50	2.80	32.52	2.96	32.56	3.24

Data in this table comes from the Chorlton Brook 2023 model.
Level values are shown in mAOD, and flow values are shown in cubic metres per second.
Any blank cells show where a particular scenario has not been modelled for this location.



Environment Agency

No defences exist climate change modelled fluvial node locations

Location (easting/northing)
385372/389681

Scale
1:10,000

Created
31 May 2024

Model name
Gatley Brook 2009

Selected area
Modelled location
Main river

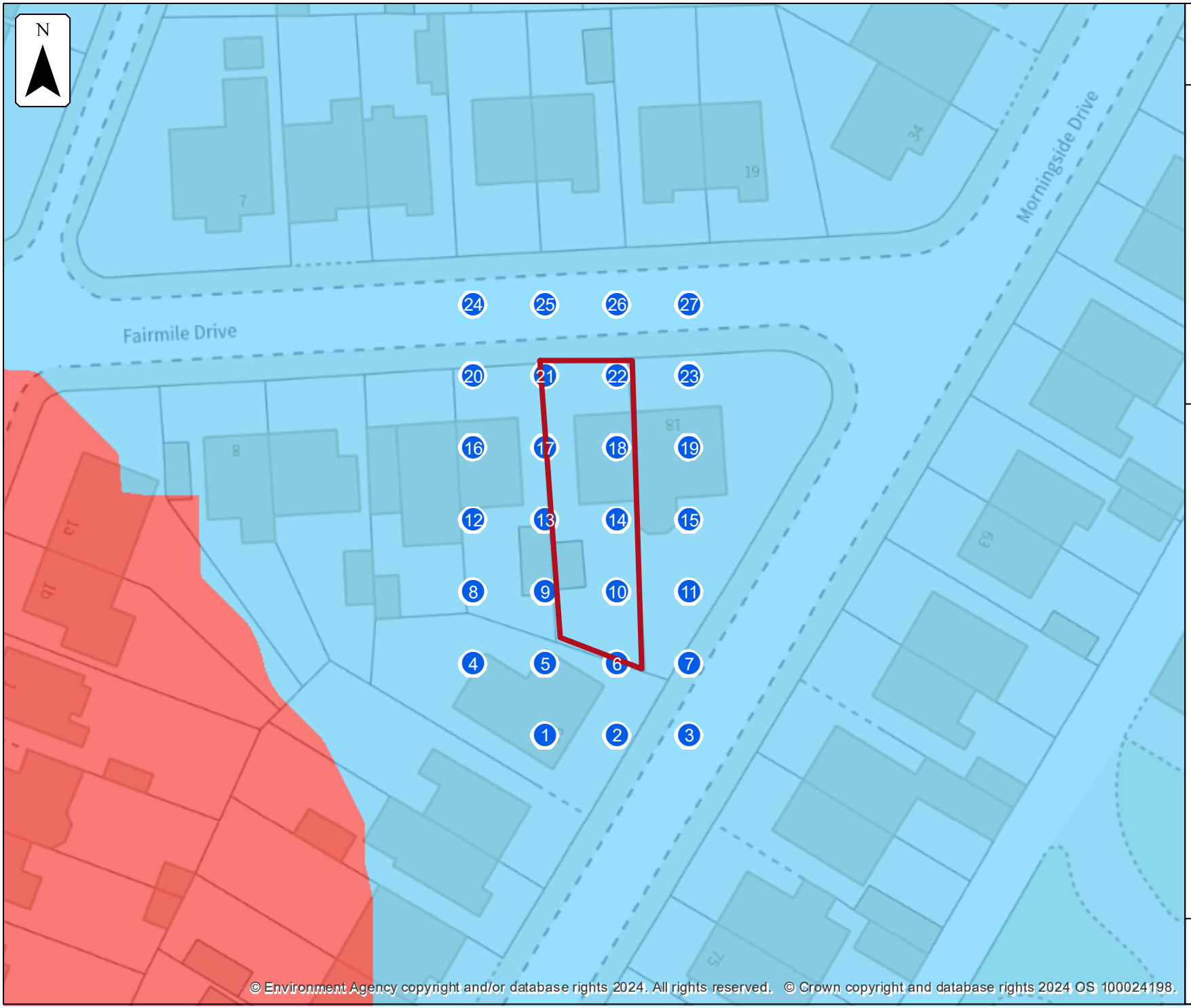
0 100 200 300 400 500
metres

Modelled node locations data

No defences exist climate change

Label	Modelled location ID	Easting	Northing	1.0% AEP (+20%)		1.0% AEP (+35%)		1.0% AEP (+70%)	
				Level	Flow	Level	Flow	Level	Flow
1	1466992	384224	388768	32.95	10.95	33.0	11.92	33.06	13.80
2	1466991	384232	388768	33.02	10.94	33.08	11.96	33.15	13.80
3	1466952	384237	388768	33.06	10.97	33.14	11.90	33.23	13.83
4	1466990	384245	388769	33.29	10.92	33.35	11.94	33.47	13.80
5	1466959	384250	388770	33.29	5.44	33.35	5.62	33.47	5.89
6	1466968	384287	388739	33.56	5.45	33.59	5.62	33.65	5.88
7	1466955	384326	388722	34.04	5.43	34.10	5.62	34.17	5.88

Data in this table comes from the Gatley Brook 2009 model.
Level values are shown in mAOD, and flow values are shown in cubic metres per second.
Any blank cells show where a particular scenario has not been modelled for this location.



Environment Agency

Defended modelled fluvial extent and height

Location (easting/northing)
385372/389681

Scale
1:500

Created
31 May 2024

Model name
Upper Mersey 2017

Selected area

Main river

Modelled 2D grid
Water level in mAOD

- 0 - 35.0
- 35.0 - 35.125
- 35.125 - 35.25
- 35.25 - 35.375
- 35.375 - 35.5
- 35.5 - 35.625
- 35.625 - 35.75
- 35.75 - 35.875
- 35.875 - 36.0

This map shows the 0.1% AEP height data

0 5 10 15 20
metres

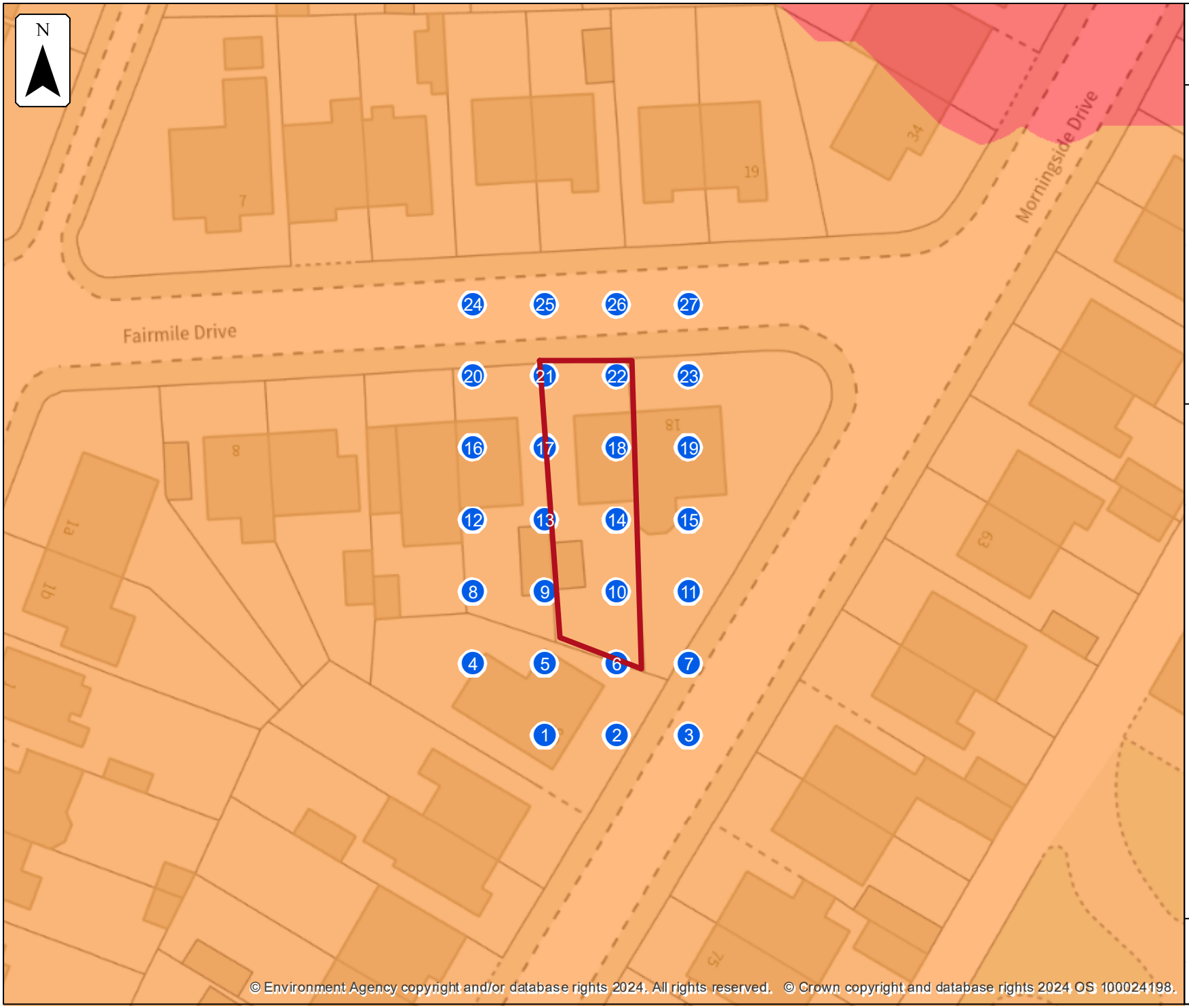
Sample point data

Defended

Label	Easting	Northing	5% AEP		2% AEP		1.33% AEP		1% AEP		0.5% AEP		0.1% AEP	
			Depth	Height	Depth	Height	Depth	Height	Depth	Height	Depth	Height	Depth	Height
1	385367	389658	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.04	35.13
2	385374	389658	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.14	35.14
3	385381	389658	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.31	35.14
4	385360	389665	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.97	35.13
5	385367	389665	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.90	35.14
6	385374	389665	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.85	35.14
7	385381	389665	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.15	35.14
8	385360	389672	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.31	35.13
9	385367	389672	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.29	35.14
10	385374	389672	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.11	35.14
11	385381	389672	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.11	35.14
12	385360	389679	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.47	35.14
13	385367	389679	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.48	35.14
14	385374	389679	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.32	35.14
15	385381	389679	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.28	35.14
16	385360	389686	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.66	35.14

Label	Easting	Northing	5% AEP		2% AEP		1.33% AEP		1% AEP		0.5% AEP		0.1% AEP	
			Depth	Height	Depth	Height	Depth	Height	Depth	Height	Depth	Height	Depth	Height
17	385367	389686	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.58	35.14
18	385374	389686	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.50	35.14
19	385381	389686	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.48	35.15
20	385360	389693	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.71	35.14
21	385367	389693	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.64	35.14
22	385374	389693	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.52	35.14
23	385381	389693	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.52	35.14
24	385360	389700	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.60	35.14
25	385367	389700	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.55	35.14
26	385374	389700	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.58	35.14
27	385381	389700	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.58	35.14

Data in this table comes from the Upper Mersey 2017 model.
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Environment Agency

Defences removed modelled fluvial extent and height

Location (easting/northing)
385372/389681

Scale
1:500

Created
31 May 2024

Model name
Upper Mersey 2017

Selected area

Main river

Modelled 2D grid
Water level in mAOD

- 0 - 34.0
- 34.0 - 34.125
- 34.125 - 34.25
- 34.25 - 34.375
- 34.375 - 34.5
- 34.5 - 34.625
- 34.625 - 34.75
- 34.75 - 34.875
- 34.875 - 35.0

This map shows the 0.1% AEP height data

0 5 10 15 20
metres

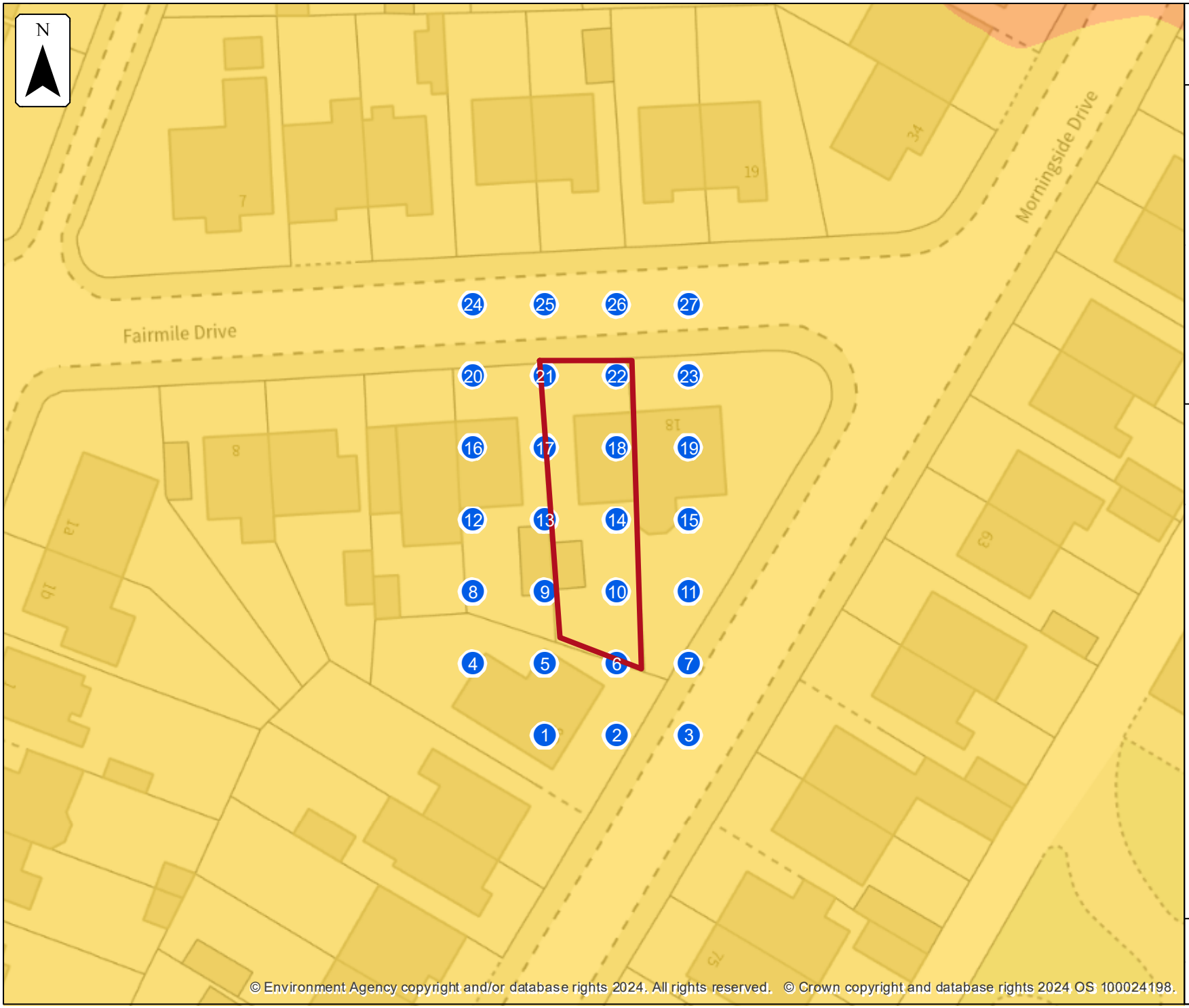
Sample point data

Defences removed

Label	Easting	Northing	5% AEP		2% AEP		1.33% AEP		1% AEP		0.5% AEP		0.1% AEP	
			Depth	Height	Depth	Height	Depth	Height	Depth	Height	Depth	Height	Depth	Height
1	385367	389658	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.76	34.85
2	385374	389658	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.86	34.86
3	385381	389658	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.03	34.86
4	385360	389665	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.69	34.85
5	385367	389665	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.62	34.86
6	385374	389665	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.57	34.86
7	385381	389665	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.86	34.86
8	385360	389672	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.03	34.86
9	385367	389672	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.01	34.86
10	385374	389672	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.83	34.86
11	385381	389672	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	0.83	34.86
12	385360	389679	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.20	34.86
13	385367	389679	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.21	34.86
14	385374	389679	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.04	34.86
15	385381	389679	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1	34.86
16	385360	389686	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.38	34.86

Label	Easting	Northing	5% AEP		2% AEP		1.33% AEP		1% AEP		0.5% AEP		0.1% AEP	
			Depth	Height	Depth	Height	Depth	Height	Depth	Height	Depth	Height	Depth	Height
17	385367	389686	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.30	34.86
18	385374	389686	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.22	34.86
19	385381	389686	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.20	34.87
20	385360	389693	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.43	34.86
21	385367	389693	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.36	34.86
22	385374	389693	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.24	34.86
23	385381	389693	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.24	34.87
24	385360	389700	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.32	34.86
25	385367	389700	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.27	34.86
26	385374	389700	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.31	34.86
27	385381	389700	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	NoData	1.30	34.87

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Environment Agency

Defended climate change modelled fluvial extent and height

Location (easting/northing)
385372/389681

Scale
1:500

Created
31 May 2024

Model name
Upper Mersey 2017

Selected area

Main river

Modelled 2D grid
Water level in mAOD

- 0 - 35.0
- 35.0 - 35.125
- 35.125 - 35.25
- 35.25 - 35.375
- 35.375 - 35.5
- 35.5 - 35.625
- 35.625 - 35.75
- 35.75 - 35.875
- 35.875 - 36.0

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

0 5 10 15 20
metres

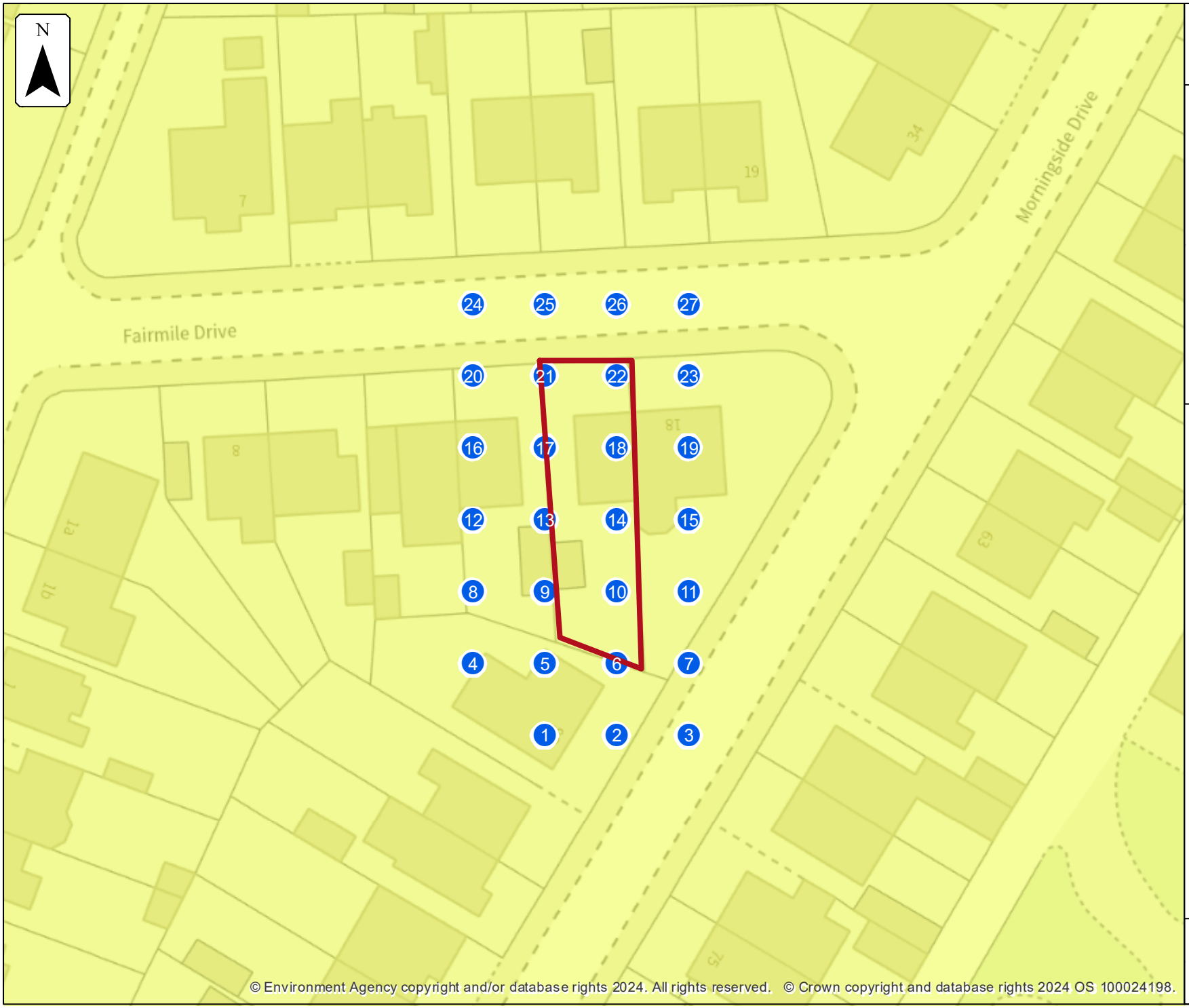
Sample point data

Defended climate change

Label	Easting	Northing	1% AEP (+30%)		1% AEP (+35%)		1% AEP (+70%)		0.1% AEP (+30%)	
			Depth	Height	Depth	Height	Depth	Height	Depth	Height
1	385367	389658	NoData	NoData	0.18	34.28	0.90	35.00	1.61	35.71
2	385374	389658	0.05	34.02	0.28	34.28	1.01	35.01	1.72	35.72
3	385381	389658	0.20	34.02	0.45	34.28	1.18	35.01	1.89	35.72
4	385360	389665	NoData	NoData	0.12	34.28	0.84	35.00	1.55	35.72
5	385367	389665	NoData	NoData	0.05	34.28	0.76	35.00	1.48	35.72
6	385374	389665	NoData	NoData	0.04	34.28	0.72	35.01	1.43	35.72
7	385381	389665	0.14	34.02	0.33	34.28	1.01	35.01	1.72	35.72
8	385360	389672	0.24	34.03	0.46	34.28	1.17	35	1.89	35.72
9	385367	389672	0.18	34.03	0.44	34.28	1.15	35.00	1.87	35.72
10	385374	389672	NoData	NoData	0.25	34.29	0.97	35.01	1.69	35.72
11	385381	389672	NoData	NoData	0.26	34.29	0.98	35.01	1.69	35.72
12	385360	389679	0.37	34.03	0.62	34.28	1.34	35.00	2.06	35.72
13	385367	389679	0.38	34.03	0.63	34.28	1.35	35.00	2.07	35.72
14	385374	389679	0.21	34.03	0.47	34.29	1.18	35.00	1.90	35.72
15	385381	389679	0.17	34.03	0.43	34.29	1.15	35.01	1.86	35.72
16	385360	389686	0.55	34.03	0.80	34.28	1.52	35.00	2.24	35.73

Label	Easting	Northing	1% AEP (+30%)		1% AEP (+35%)		1% AEP (+70%)		0.1% AEP (+30%)	
			Depth	Height	Depth	Height	Depth	Height	Depth	Height
17	385367	389686	0.47	34.03	0.73	34.29	1.45	35.00	2.17	35.73
18	385374	389686	0.39	34.03	0.64	34.29	1.36	35.01	2.08	35.73
19	385381	389686	0.36	34.03	0.62	34.29	1.34	35.01	2.06	35.73
20	385360	389693	0.60	34.03	0.86	34.28	1.57	35.00	2.30	35.73
21	385367	389693	0.53	34.03	0.79	34.29	1.50	35.00	2.23	35.73
22	385374	389693	0.41	34.03	0.67	34.29	1.39	35.01	2.11	35.73
23	385381	389693	0.41	34.03	0.67	34.29	1.39	35.01	2.11	35.73
24	385360	389700	0.49	34.03	0.75	34.28	1.47	35.00	2.19	35.73
25	385367	389700	0.44	34.03	0.70	34.28	1.42	35.00	2.14	35.73
26	385374	389700	0.47	34.03	0.73	34.29	1.45	35.01	2.17	35.73
27	385381	389700	0.47	34.03	0.72	34.29	1.44	35.01	2.16	35.73

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Environment Agency

Defences removed climate change modelled fluvial extent and height

Location (easting/northing)
385372/389681

Scale
1:500

Created
31 May 2024

Model name
Upper Mersey 2017

Selected area

Main river

Modelled 2D grid
Water level in mAOD

- 0 - 35.0
- 35.0 - 35.125
- 35.125 - 35.25
- 35.25 - 35.375
- 35.375 - 35.5
- 35.5 - 35.625
- 35.625 - 35.75
- 35.75 - 35.875
- 35.875 - 36.0

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

0 5 10 15 20
metres

Sample point data

Defences removed climate change

Label	Easting	Northing	1% AEP (+30%)		1% AEP (+35%)		1% AEP (+70%)		0.1% AEP (+30%)	
			Depth	Height	Depth	Height	Depth	Height	Depth	Height
1	385367	389658	NoData	NoData	0.03	34.13	0.62	34.72	1.44	35.54
2	385374	389658	0.05	34.02	0.13	34.13	0.72	34.72	1.55	35.54
3	385381	389658	0.19	34.02	0.30	34.13	0.89	34.72	1.72	35.54
4	385360	389665	NoData	NoData	NoData	NoData	0.56	34.72	1.38	35.54
5	385367	389665	NoData	NoData	NoData	NoData	0.48	34.72	1.31	35.54
6	385374	389665	NoData	NoData	NoData	NoData	0.43	34.72	1.26	35.54
7	385381	389665	0.13	34.02	0.21	34.12	0.73	34.72	1.55	35.54
8	385360	389672	0.23	34.01	0.30	34.11	0.89	34.72	1.72	35.55
9	385367	389672	0.17	34.01	0.27	34.11	0.87	34.72	1.70	35.55
10	385374	389672	NoData	NoData	NoData	NoData	0.69	34.72	1.51	35.55
11	385381	389672	NoData	NoData	0.08	34.11	0.69	34.72	1.52	35.55
12	385360	389679	0.35	34.01	0.45	34.11	1.06	34.72	1.89	35.55
13	385367	389679	0.36	34.01	0.46	34.11	1.07	34.72	1.90	35.55
14	385374	389679	0.20	34.01	0.29	34.11	0.90	34.72	1.73	35.55
15	385381	389679	0.15	34.01	0.25	34.11	0.86	34.72	1.69	35.55
16	385360	389686	0.53	34.01	0.63	34.11	1.24	34.72	2.07	35.55

Label	Easting	Northing	1% AEP (+30%)		1% AEP (+35%)		1% AEP (+70%)		0.1% AEP (+30%)	
			Depth	Height	Depth	Height	Depth	Height	Depth	Height
17	385367	389686	0.46	34.01	0.56	34.11	1.16	34.72	2.00	35.55
18	385374	389686	0.37	34.01	0.47	34.11	1.08	34.72	1.91	35.55
19	385381	389686	0.34	34.01	0.44	34.11	1.06	34.73	1.89	35.56
20	385360	389693	0.59	34.01	0.69	34.11	1.29	34.72	2.13	35.55
21	385367	389693	0.51	34.01	0.61	34.11	1.22	34.72	2.06	35.55
22	385374	389693	0.39	34.01	0.49	34.11	1.10	34.72	1.94	35.56
23	385381	389693	0.39	34.01	0.49	34.11	1.10	34.73	1.94	35.56
24	385360	389700	0.48	34.01	0.58	34.11	1.18	34.72	2.02	35.55
25	385367	389700	0.43	34.01	0.53	34.11	1.13	34.72	1.97	35.55
26	385374	389700	0.46	34.01	0.56	34.11	1.17	34.72	2	35.56
27	385381	389700	0.45	34.01	0.55	34.11	1.16	34.72	1.99	35.56

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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

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