# Flood risk assessment data

**Location of site:** 529664 / 270418 (shown as easting and northing coordinates)
**Document created on:** 7 October 2024
**This information was previously known as a product 4.**
**Customer reference number:** YVBAGXHG1CKR

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)
- historic flooding
- 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

## 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

Or you can contact your Lead Local Flood Authority for further information.

Your Lead Local Flood Authority is Huntingdonshire.

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

## About the models used

Model name: EAn_Godmanchester_PostFAS_Great_Ouse_2014
Scenario(s): Defended fluvial, no defences exist fluvial, defended climate change fluvial
Date: 22 July 2014

Model name: EAn_Lower Ouse_Downstream_2015
Scenario(s): Defended fluvial, defences removed fluvial, defended climate change fluvial
Date: 1 December 2015

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

## Terminology used

### Annual exceedance probability (AEP)

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

### Metres above ordnance datum (mAOD)

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

## Flood map for planning (rivers and the sea)

Your selected location is in flood zone 3.

Flood zone 3 shows the area at risk of flooding for an undefended flood event with a:

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

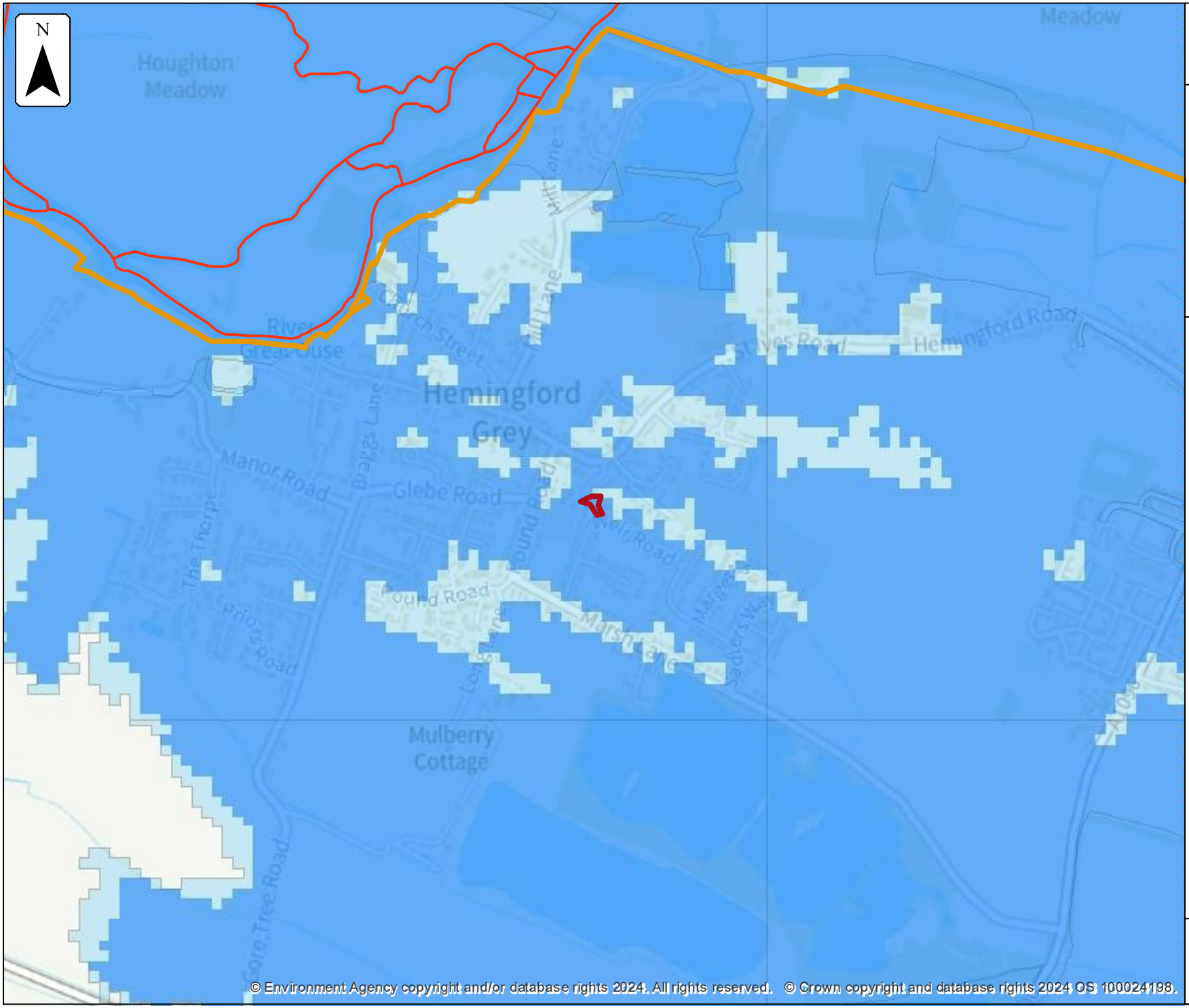
Flood zone 2 shows the area at risk of flooding for an undefended flood event with:

- between a 0.1% and 0.5% probability of occurring in any year for flooding from the sea
- between a 0.1% and 1% probability of occurring in any year for fluvial (river) flooding

It's important to remember that the flood zones on this map:

- refer to the land at risk of flooding and do not refer to individual properties
- refer to the probability of river and sea flooding, ignoring the presence of defences
- do not take into account potential impacts of climate change

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)
**529664/270418**

Scale
**1:10,000**

Created
**7 Oct 2024**

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

0 100 200 300 400 500
metres

## Historic flooding

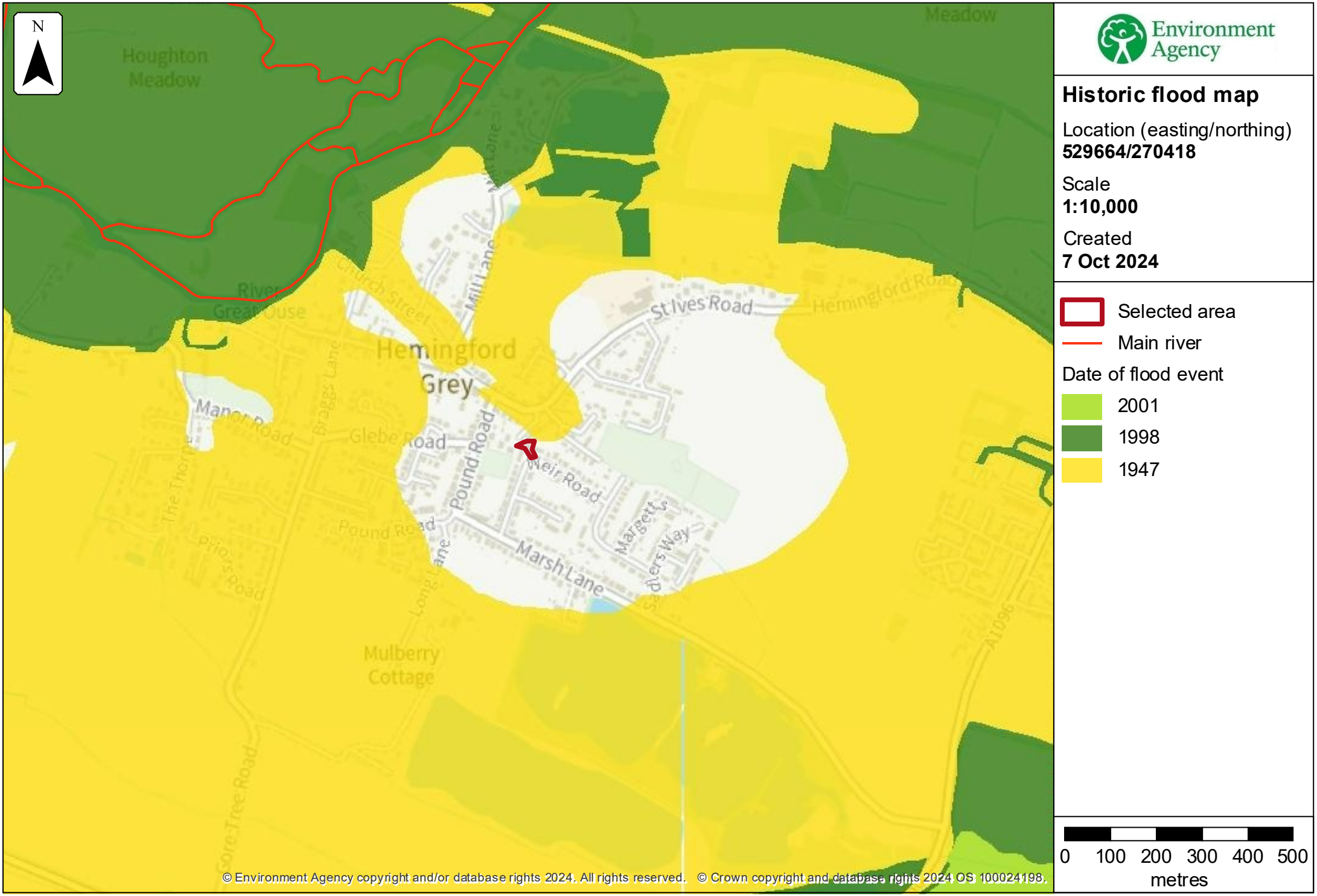
This map is an indicative outline of areas that have previously flooded. Remember that:

- our records are incomplete, so the information here is based on the best available data
- it is possible not all properties within this area will have flooded
- other 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 also 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.

Your Lead Local Flood Authority is Huntingdonshire.

Download recorded flood outlines in GIS format




Environment Agency

## Historic flood map

Location (easting/northing)
**529664/270418**

Scale
**1:10,000**

Created
**7 Oct 2024**

Selected area
Main river

Date of flood event
2001
1998
1947

0 100 200 300 400 500
metres

## Historic flood event data

| Start date | End date | Source of flood | Cause of flood | Affects location |
|---|---|---|---|---|
| 2001 | 2001 | unknown | unknown | No |
| 1998 | 1998 | unknown | unknown | No |
| 1947 | 1947 | unknown | unknown | No |

## Flood defences and attributes

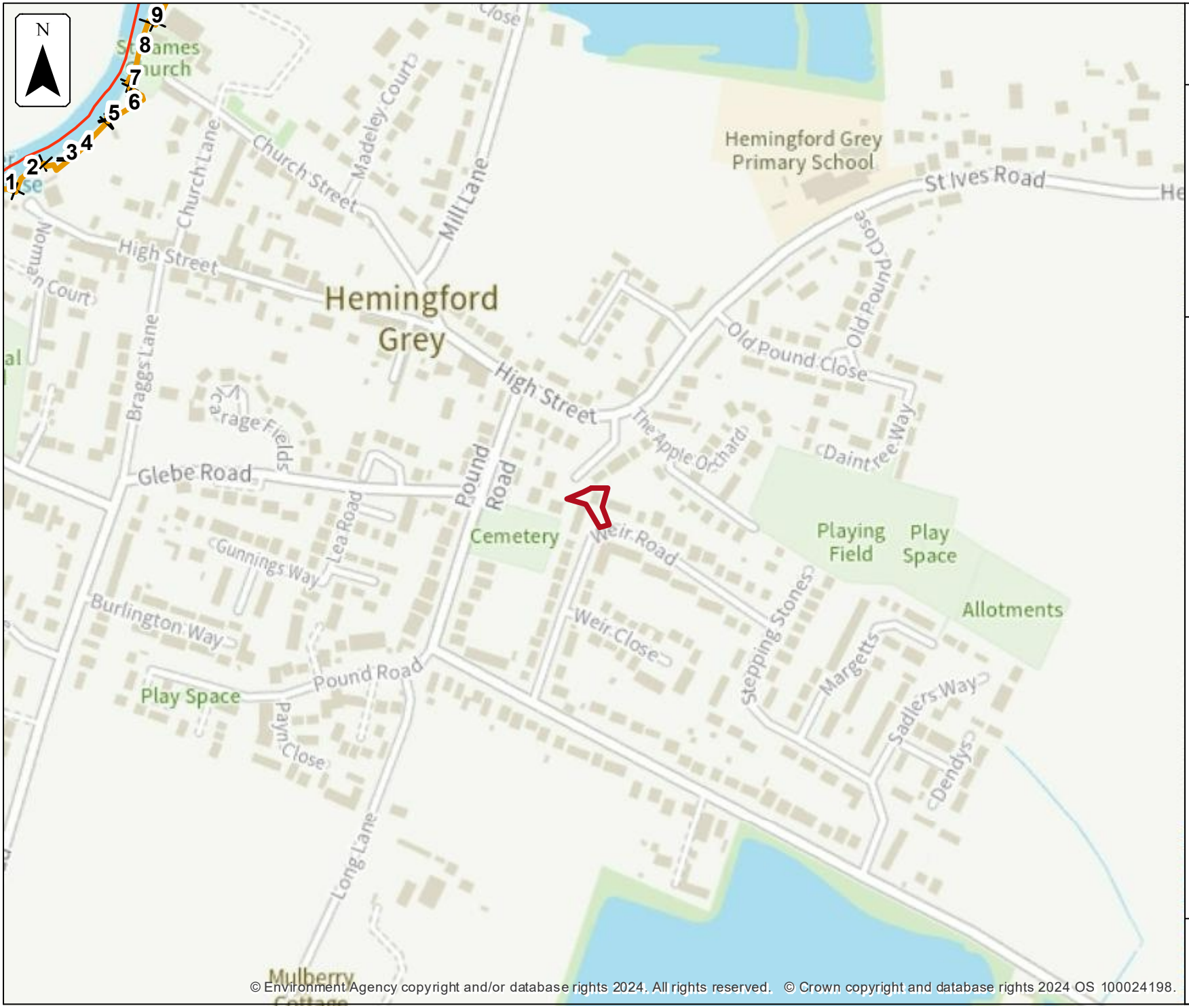
The flood defences map shows the location of the flood defences present.

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


N
1
2
3
4
5
6
7
8
9
Hemingford Grey
Hemingford Grey Primary School
St Ives Road
High Street
Church Street
Church Lane
Mill Lane
Madeley Court
Old Pound Close
The Apple Orchard
Daintree Way
Glebe Road
Braggs Lane
Garage Fields
Pound Road
Cemetery
Weir Road
Weir Close
Playing Field
Play Space
Allotments
Stepping Stones
Margetts
Sadlers Way
Dendys
Gunnings Way
Lea Road
Burlington Way
Play Space
Payn Close
Long Lane
Mulberry Cottage
Environment Agency
Flood defences
Location (easting/northing)
529664/270418
Scale
1:5,000
Created
7 Oct 2024
Selected area
Main river
Flood defence
0 50 100 150 200 250
metres
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## Flood defences data

| Label | Asset ID | Asset Type | Standard of protection (years) | Current condition | Downstream actual crest level (mAOD) | Upstream actual crest level (mAOD) | Effective crest level (mAOD) |
|---|---|---|---|---|---|---|---|
| 1 | 135995 | Wall | 100 | | 8.0 | 7.90 | |
| 2 | 134717 | Wall | 100 | | 8.0 | 8.0 | |
| 3 | 332149 | Demountable Defence | 100 | | 7.97 | 7.97 | |
| 4 | 137245 | Wall | 100 | | 7.97 | 7.97 | |
| 5 | 332148 | Flood Gate | 100 | | 7.97 | 7.97 | |
| 6 | 137070 | Wall | 100 | | 8.11 | 8.06 | |
| 7 | 137069 | Wall | 100 | | 8.12 | 8.20 | |
| 8 | 137068 | Wall | 100 | | 8.01 | 8.02 | |
| 9 | 137067 | Wall | 100 | | 8.0 | 8.0 | |

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

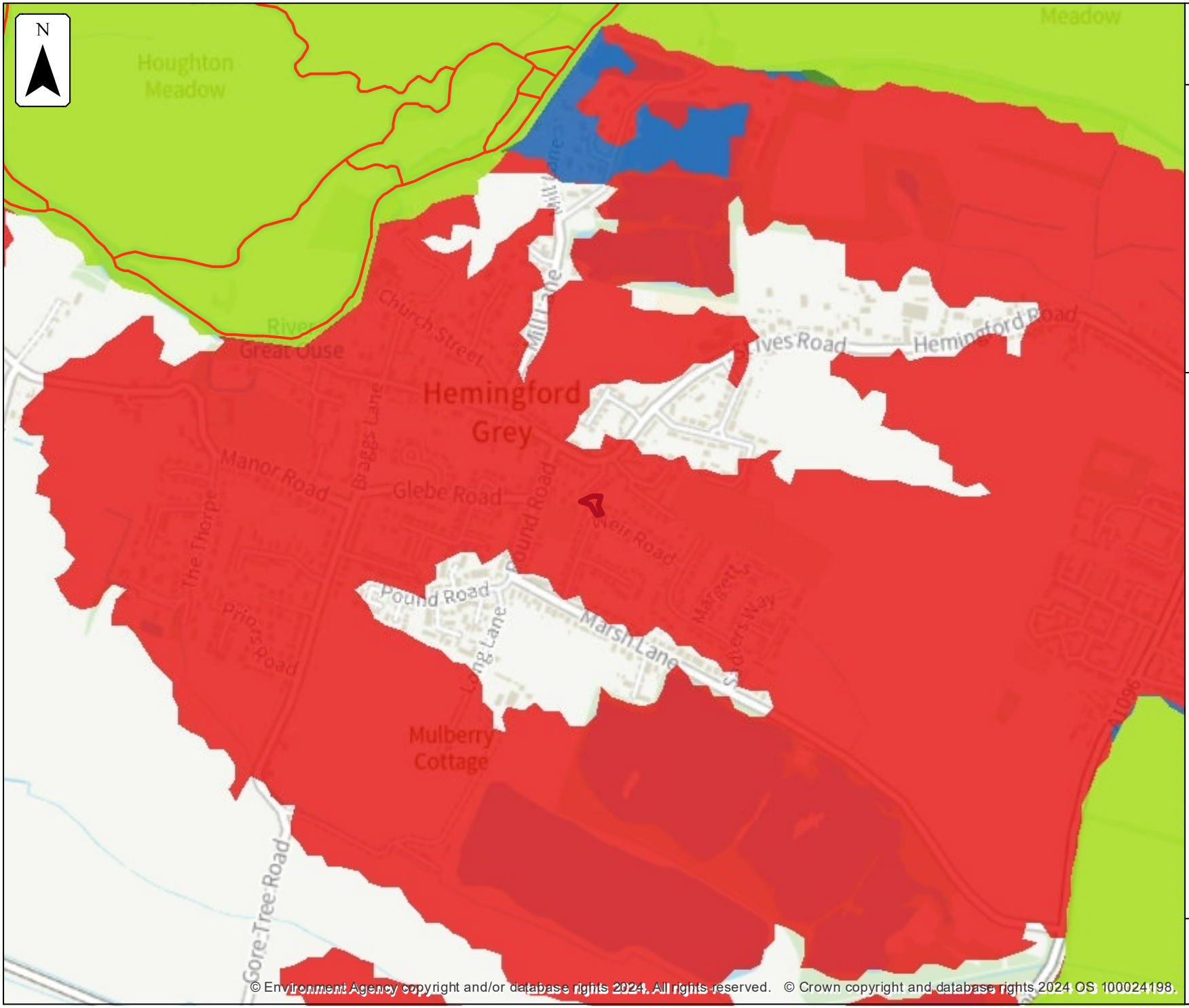
The climate change data included in the models may not include the latest flood risk assessment climate change allowances. Where the new allowances are not available you will need to consider this data and factor in the new allowances to demonstrate the development will be safe from flooding.

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




Environment Agency

## Defended modelled fluvial extent

Location (easting/northing)
**529664/270418**

Scale
**1:10,000**

Created
**7 Oct 2024**

Model name
**EAn Godmanchester PostFAS Great Ouse**

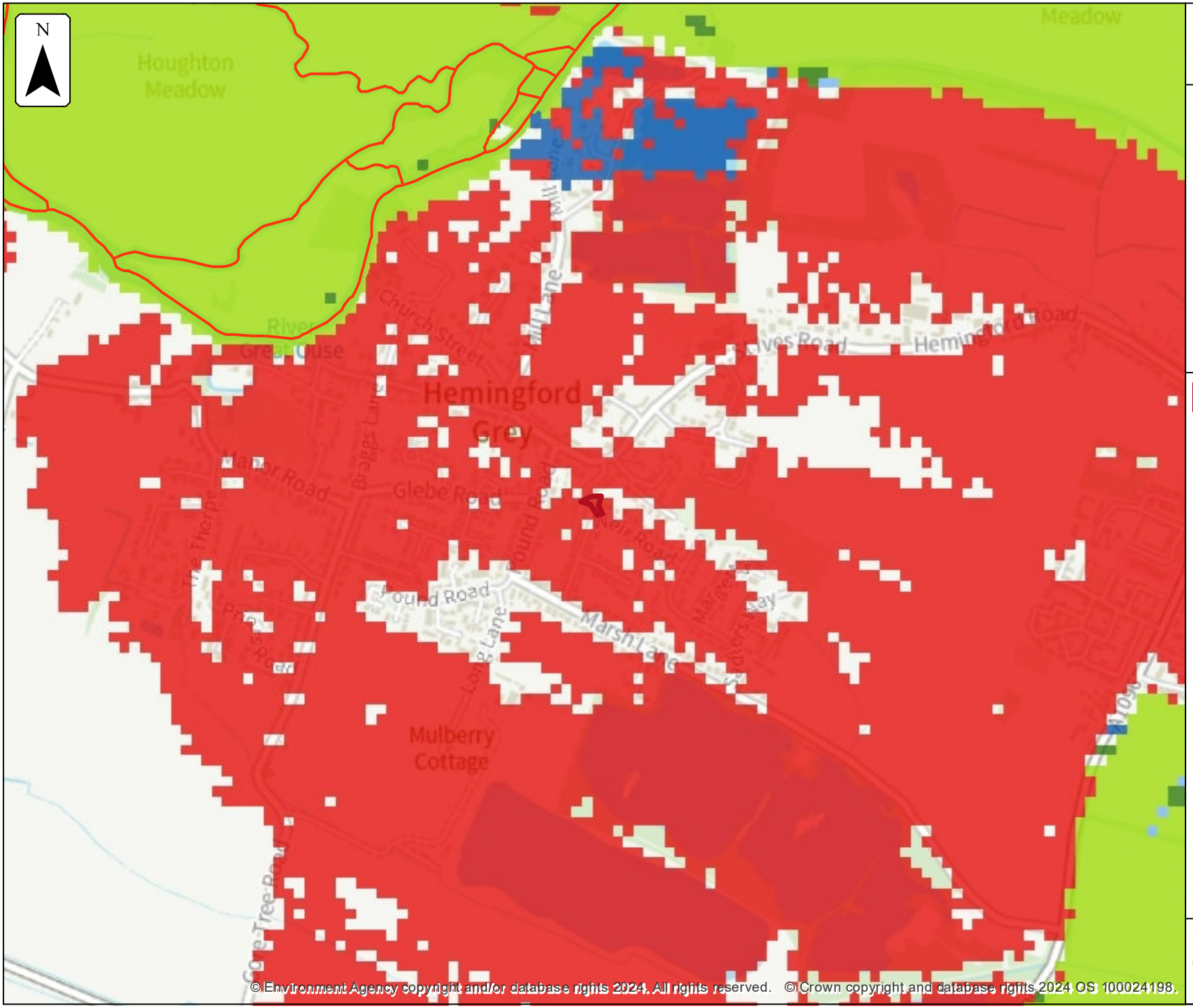
- Selected area
- Main river

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




Environment Agency

## Defended modelled fluvial extent

Location (easting/northing)
**529664/270418**

Scale
**1:10,000**

Created
**7 Oct 2024**

Model name
**EAn Lower Ouse Downstream 2015**

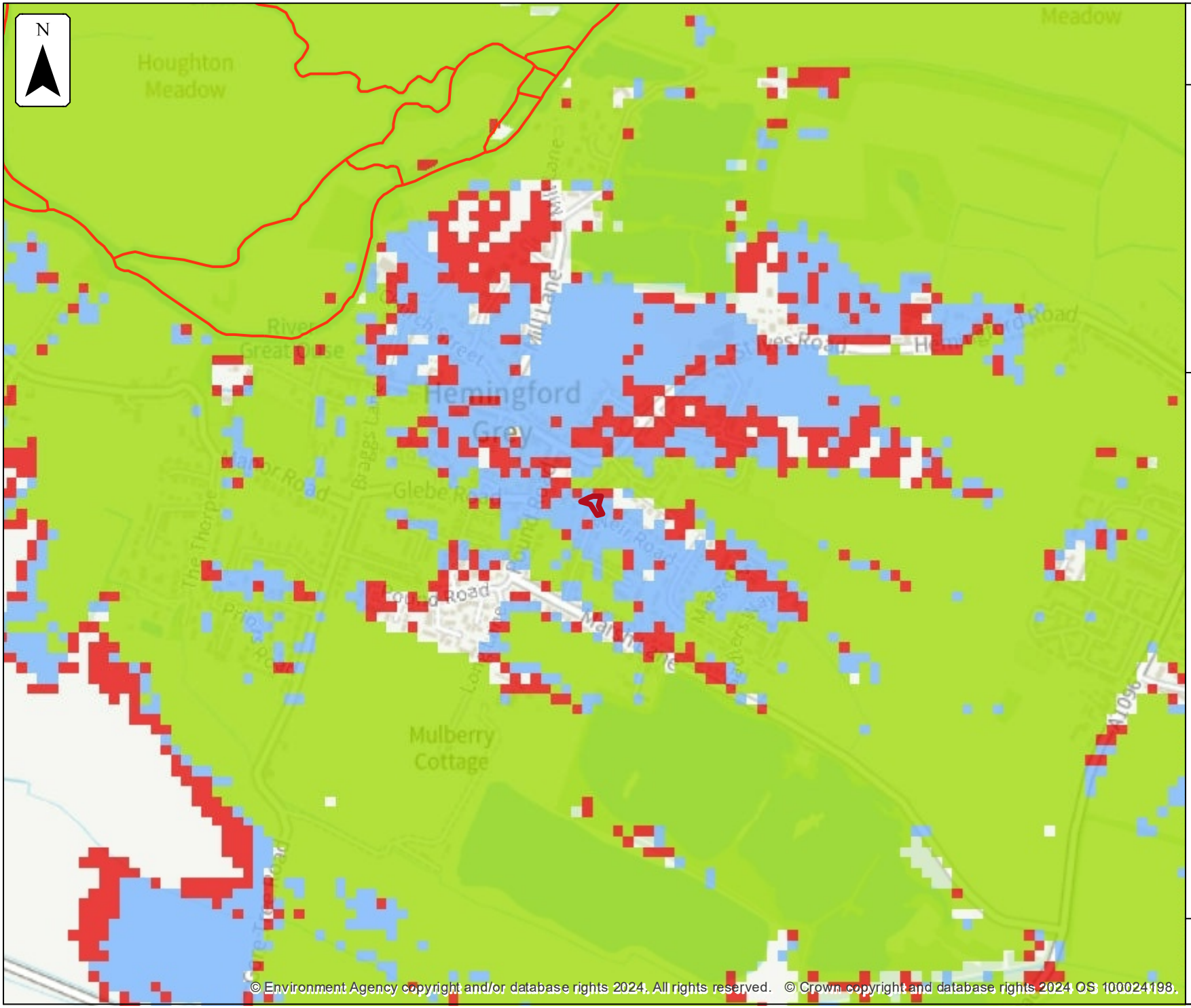
- Selected area
- Main river

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




Environment Agency

# Defences removed modelled fluvial extent

Location (easting/northing)
**529664/270418**

Scale
**1:10,000**

Created
**7 Oct 2024**

Model name
**EAn Lower Ouse Downstream 2015**

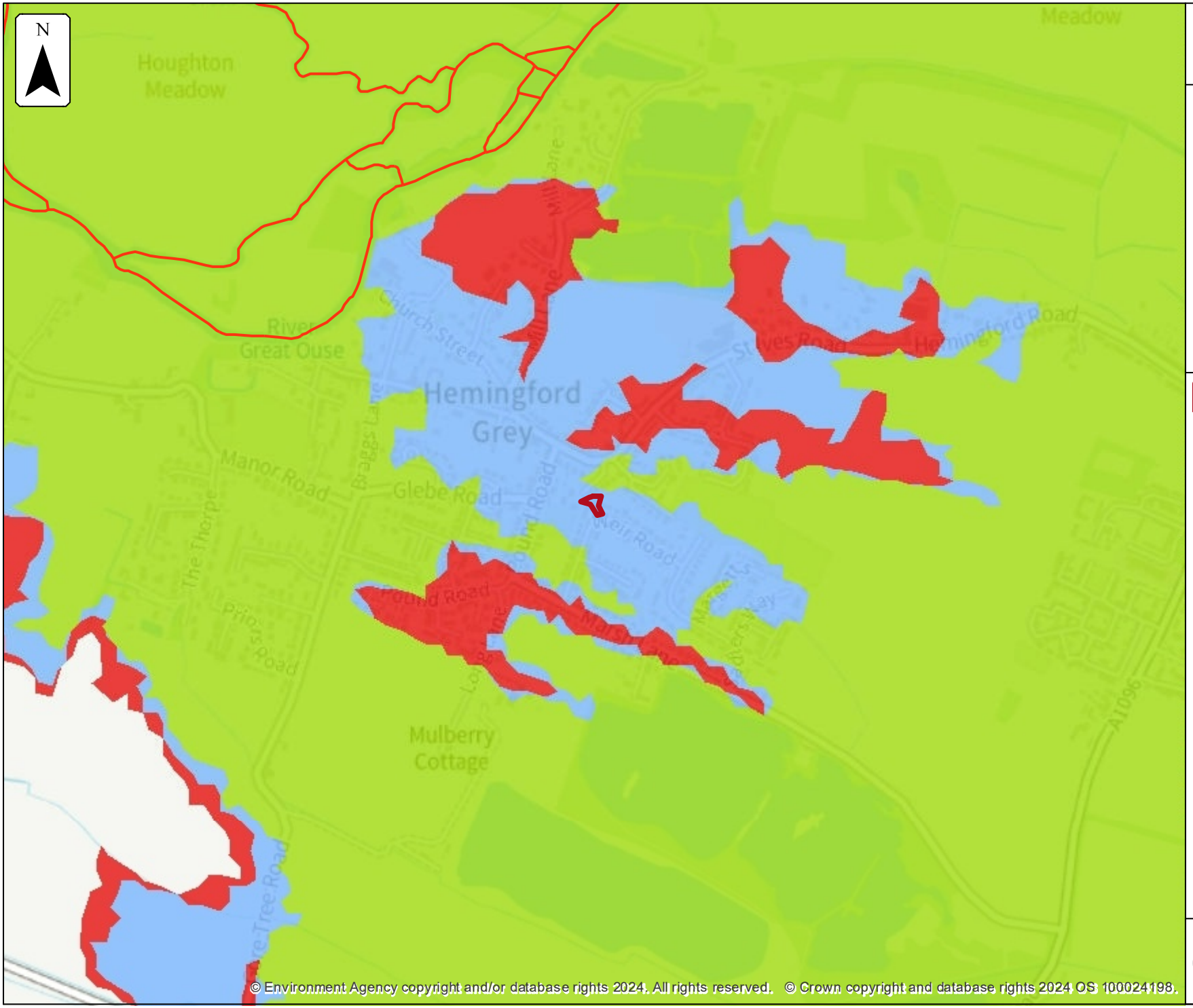
- Selected area
- Main river

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




Environment Agency

## No defences exist modelled fluvial extent

Location (easting/northing)
**529664/270418**

Scale
**1:10,000**

Created
**7 Oct 2024**

Model name
**EAn Godmanchester PostFAS Great Ouse**

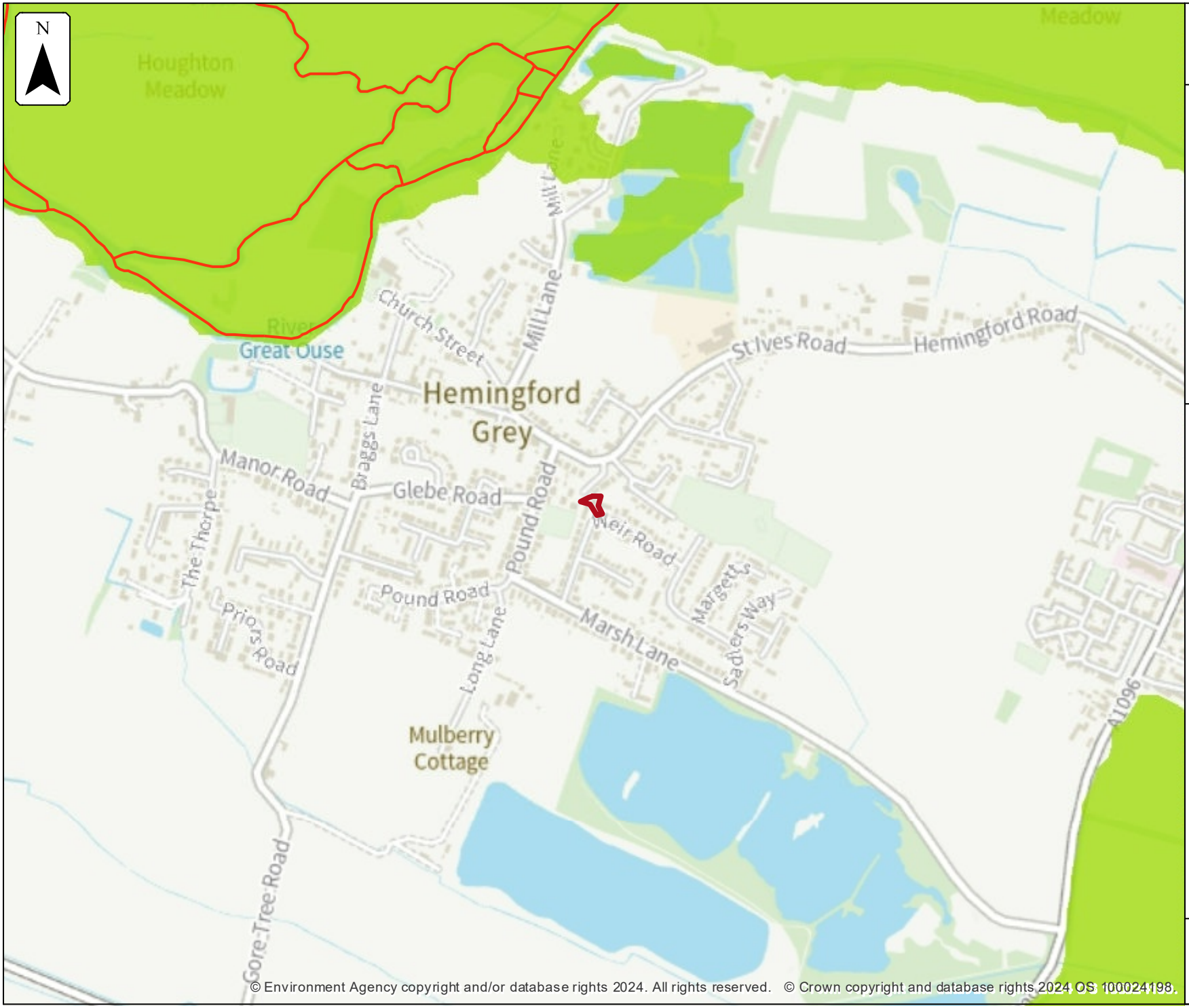
- Selected area
- Main river

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




Environment Agency

# Defended climate change modelled fluvial extent

Location (easting/northing)
**529664/270418**

Scale
**1:10,000**

Created
**7 Oct 2024**

Model name
**EAn Godmanchester PostFAS Great Ouse**

Selected area

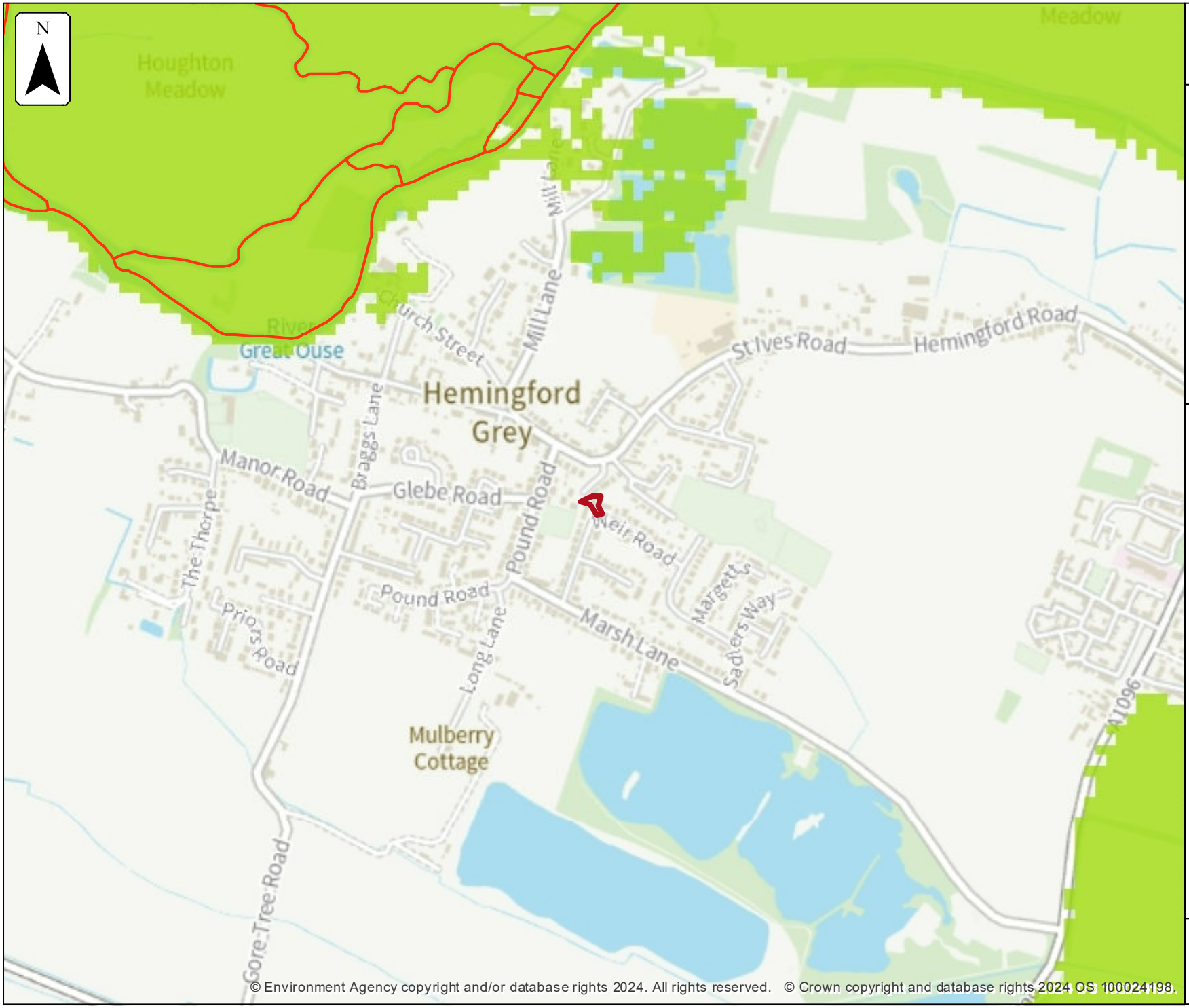
Main river

Modelled flood extent

1.0% AEP (+20%)

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

0 100 200 300 400 500
metres

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# Defended climate change modelled fluvial extent

Location (easting/northing)
**529664/270418**

Scale
**1:10,000**

Created
**7 Oct 2024**

Model name
**EAn Lower Ouse Downstream 2015**

Selected area

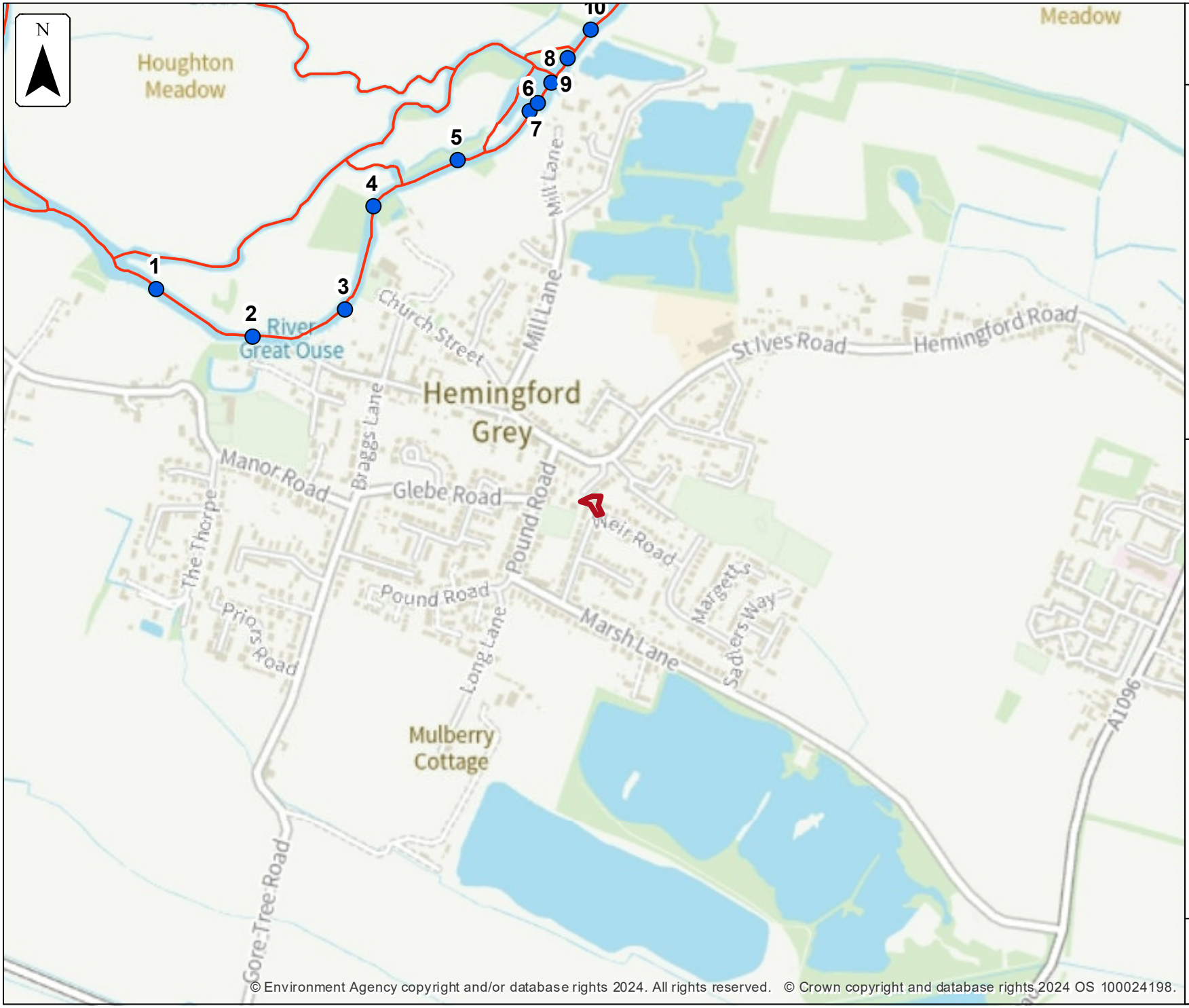
Main river

Modelled flood extent

1.0% AEP (+20%)

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

0 100 200 300 400 500
metres

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# Defended modelled fluvial node locations

Location (easting/northing)
**529664/270418**

Scale
**1:10,000**

Created
**7 Oct 2024**

Model name
**EAn Godmanchester PostFAS Great Ouse**

Selected area

Modelled location

Main river

0 100 200 300 400 500
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 | Level | Level | Level | Level | Level |
| 1 | 1306312 | 528812 | 270834 | 7.75 | 7.90 | 7.94 | 7.98 | 8.04 | 8.25 |
| 2 | 1306337 | 528999 | 270742 | 7.74 | 7.89 | 7.93 | 7.97 | 8.04 | 8.24 |
| 3 | 1306261 | 529180 | 270796 | 7.73 | 7.89 | 7.93 | 7.97 | 8.03 | 8.24 |
| 4 | 1306257 | 529236 | 270995 | 7.70 | 7.86 | 7.91 | 7.94 | 8.01 | 8.22 |
| 5 | 1306265 | 529400 | 271085 | 7.67 | 7.84 | 7.88 | 7.92 | 7.98 | 8.20 |
| 6 | 1306249 | 529538 | 271182 | 7.65 | 7.82 | 7.87 | 7.91 | 7.98 | 8.20 |
| 7 | 1306305 | 529556 | 271198 | 7.47 | 7.66 | 7.71 | 7.76 | 7.84 | 8.09 |
| 8 | 1306353 | 529581 | 271238 | 7.46 | 7.65 | 7.70 | 7.75 | 7.83 | 8.09 |
| 9 | 1306363 | 529612 | 271285 | 7.32 | 7.51 | 7.56 | 7.61 | 7.71 | 8.01 |
| 10 | 1306271 | 529659 | 271340 | 7.23 | 7.41 | 7.46 | 7.51 | 7.61 | 7.94 |

Data in this table comes from the EAn Godmanchester PostFAS Great Ouse 2014 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.
If no level or flow data is available for a scenario, no table will be shown.

## Defended

| Label | Modelled location ID | Easting | Northing | 5% AEP | 2% AEP | 1.33% AEP | 1% AEP | 0.5% AEP | 0.1% AEP |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Flow | Flow | Flow | Flow | Flow | Flow |
| 1 | 1306312 | 528812 | 270834 | 49.31 | 52.72 | 53.70 | 54.55 | 56.12 | 65.98 |
| 2 | 1306337 | 528999 | 270742 | 42.60 | 42.66 | 43.56 | 43.64 | 43.63 | 47.05 |
| 3 | 1306261 | 529180 | 270796 | 42.53 | 42.64 | 44.02 | 44.34 | 44.11 | 42.96 |
| 4 | 1306257 | 529236 | 270995 | 42.07 | 43.17 | 44.95 | 45.03 | 45.45 | 50.33 |
| 5 | 1306265 | 529400 | 271085 | 50.41 | 52.86 | 53.39 | 53.78 | 54.48 | 57.83 |
| 6 | 1306249 | 529538 | 271182 | 49.20 | 50.26 | 50.72 | 51.24 | 50.81 | 49.25 |
| 7 | 1306305 | 529556 | 271198 | 63.46 | 65.30 | 65.53 | 65.75 | 66.0 | 66.33 |
| 8 | 1306353 | 529581 | 271238 | 83.31 | 87.91 | 88.32 | 88.64 | 89.0 | 89.46 |
| 9 | 1306363 | 529612 | 271285 | 179.69 | 192.71 | 194.11 | 194.87 | 195.66 | 196.30 |
| 10 | 1306271 | 529659 | 271340 | 207.39 | 225.34 | 227.65 | 228.94 | 230.04 | 231.35 |

Data in this table comes from the EAn Godmanchester PostFAS Great Ouse 2014 model.
Level values are shown in mAOD, and flow values are shown in cubic metres per second.
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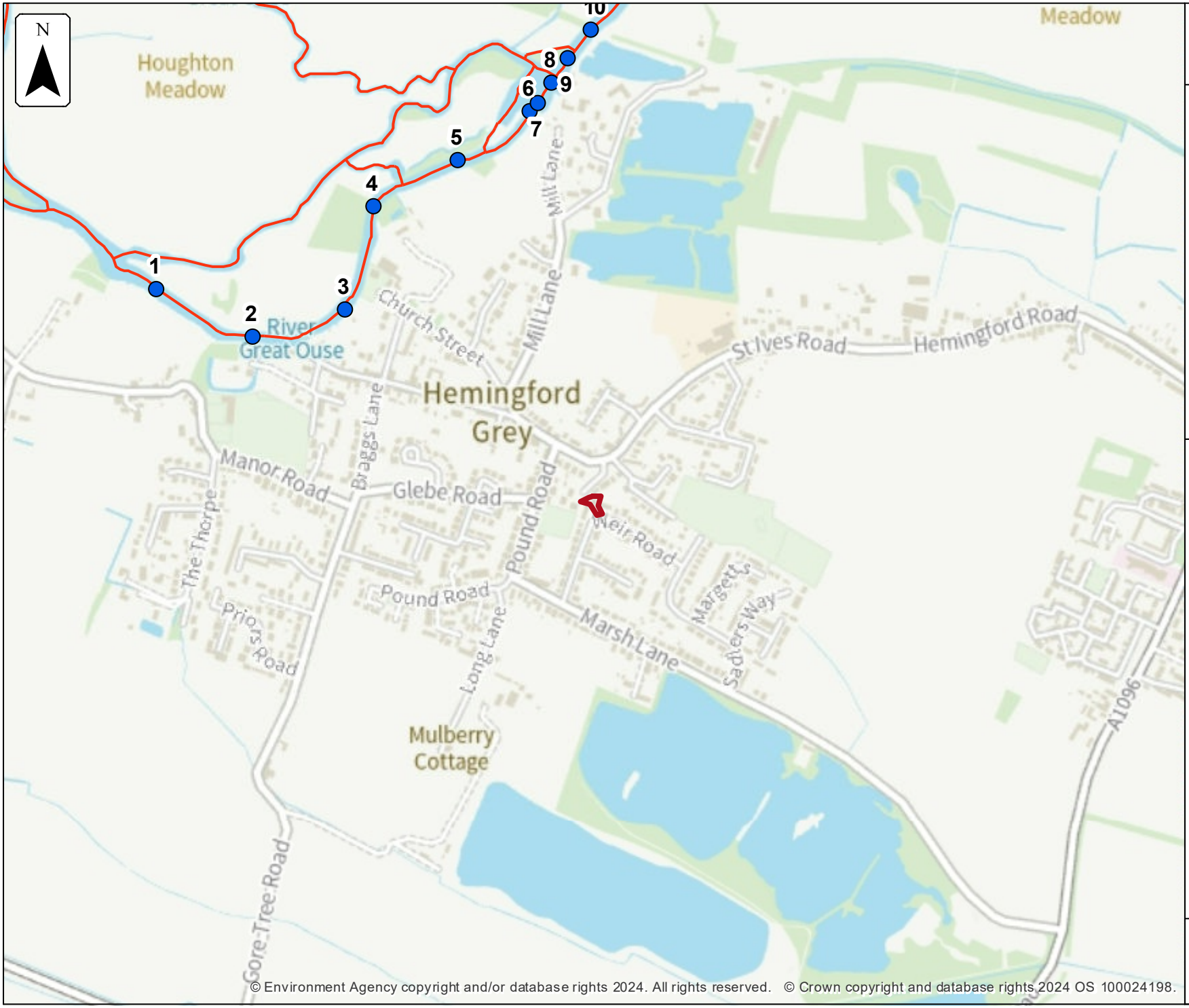


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# Defended modelled fluvial node locations

Location (easting/northing)
**529664/270418**

Scale
**1:10,000**

Created
**7 Oct 2024**

Model name
**EAn Lower Ouse Downstream 2015**

- Selected area
- Modelled location
- Main river

0 100 200 300 400 500
metres

# Modelled node locations data

## Defended

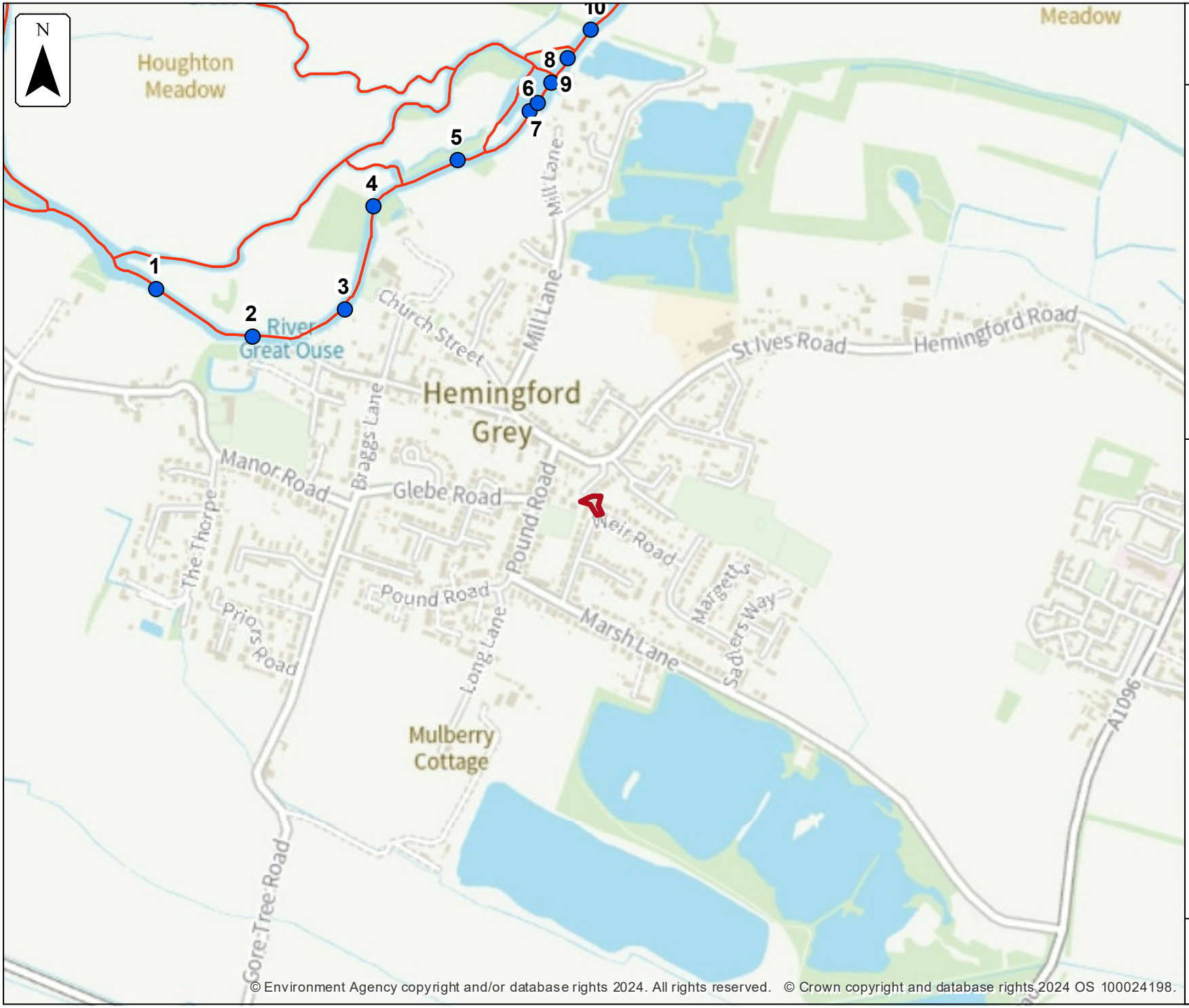
| Label | Modelled location ID | Easting | Northing | 5% AEP | 2% AEP | 1.33% AEP | 1% AEP | 0.5% AEP | 0.1% AEP |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Level | Level | Level | Level | Level | Level |
| 1 | 1278939 | 528812 | 270834 | 7.74 | 7.89 | 7.93 | 7.73 | 8.05 | 8.04 |
| 2 | 1278933 | 528999 | 270742 | 7.73 | 7.88 | 7.92 | 7.72 | 8.04 | 8.03 |
| 3 | 1279176 | 529180 | 270796 | 7.72 | 7.88 | 7.92 | 7.71 | 8.04 | 8.03 |
| 4 | 1279270 | 529236 | 270995 | 7.70 | 7.85 | 7.89 | 7.69 | 8.02 | 8.01 |
| 5 | 1279103 | 529400 | 271085 | 7.67 | 7.83 | 7.86 | 7.66 | 7.99 | 7.98 |
| 6 | 1278971 | 529538 | 271182 | 7.64 | 7.81 | 7.85 | 7.63 | 7.99 | 7.98 |
| 7 | 1279225 | 529556 | 271198 | 7.46 | 7.65 | 7.69 | 7.45 | 7.85 | 7.84 |
| 8 | 1279292 | 529581 | 271238 | 7.46 | 7.64 | 7.69 | 7.45 | 7.84 | 7.83 |
| 9 | 1278995 | 529612 | 271285 | 7.32 | 7.50 | 7.54 | 7.31 | 7.72 | 7.70 |
| 10 | 1278980 | 529659 | 271340 | 7.23 | 7.39 | 7.44 | 7.22 | 7.62 | 7.61 |

Data in this table comes from the EAn Lower Ouse Downstream 2015 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.
If no level or flow data is available for a scenario, no table will be shown.

## Defended

| Label | Modelled location ID | Easting | Northing | 5% AEP | 2% AEP | 1.33% AEP | 1% AEP | 0.5% AEP | 0.1% AEP |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Flow | Flow | Flow | Flow | Flow | Flow |
| 1 | 1278939 | 528812 | 270834 | 49.14 | 52.50 | 53.30 | 48.97 | 56.41 | 73.17 |
| 2 | 1278933 | 528999 | 270742 | 42.82 | 42.75 | 42.85 | 42.58 | 43.05 | 51.98 |
| 3 | 1279176 | 529180 | 270796 | 42.75 | 42.70 | 42.79 | 42.53 | 43.03 | 43.57 |
| 4 | 1279270 | 529236 | 270995 | 42.60 | 43.01 | 43.59 | 42.20 | 45.65 | 43.25 |
| 5 | 1279103 | 529400 | 271085 | 50.32 | 52.68 | 53.22 | 50.19 | 54.58 | 68.43 |
| 6 | 1278971 | 529538 | 271182 | 45.86 | 46.12 | 46.18 | 45.83 | 46.32 | 44.56 |
| 7 | 1279225 | 529556 | 271198 | 63.37 | 65.18 | 65.34 | 63.26 | 65.74 | 64.70 |
| 8 | 1279292 | 529581 | 271238 | 83.14 | 87.75 | 88.17 | 82.83 | 88.69 | 82.90 |
| 9 | 1278995 | 529612 | 271285 | 179.24 | 192.24 | 193.74 | 178.41 | 195.21 | 156.40 |
| 10 | 1278980 | 529659 | 271340 | 206.78 | 224.58 | 227.03 | 205.65 | 229.73 | 160.40 |

Data in this table comes from the EAn Lower Ouse Downstream 2015 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.
If no level or flow data is available for a scenario, no table will be shown.

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# Defences removed modelled fluvial node locations

Location (easting/northing)
**529664/270418**

Scale
**1:10,000**

Created
**7 Oct 2024**

Model name
**EAn Lower Ouse Downstream 2015**

Selected area

Modelled location

Main river

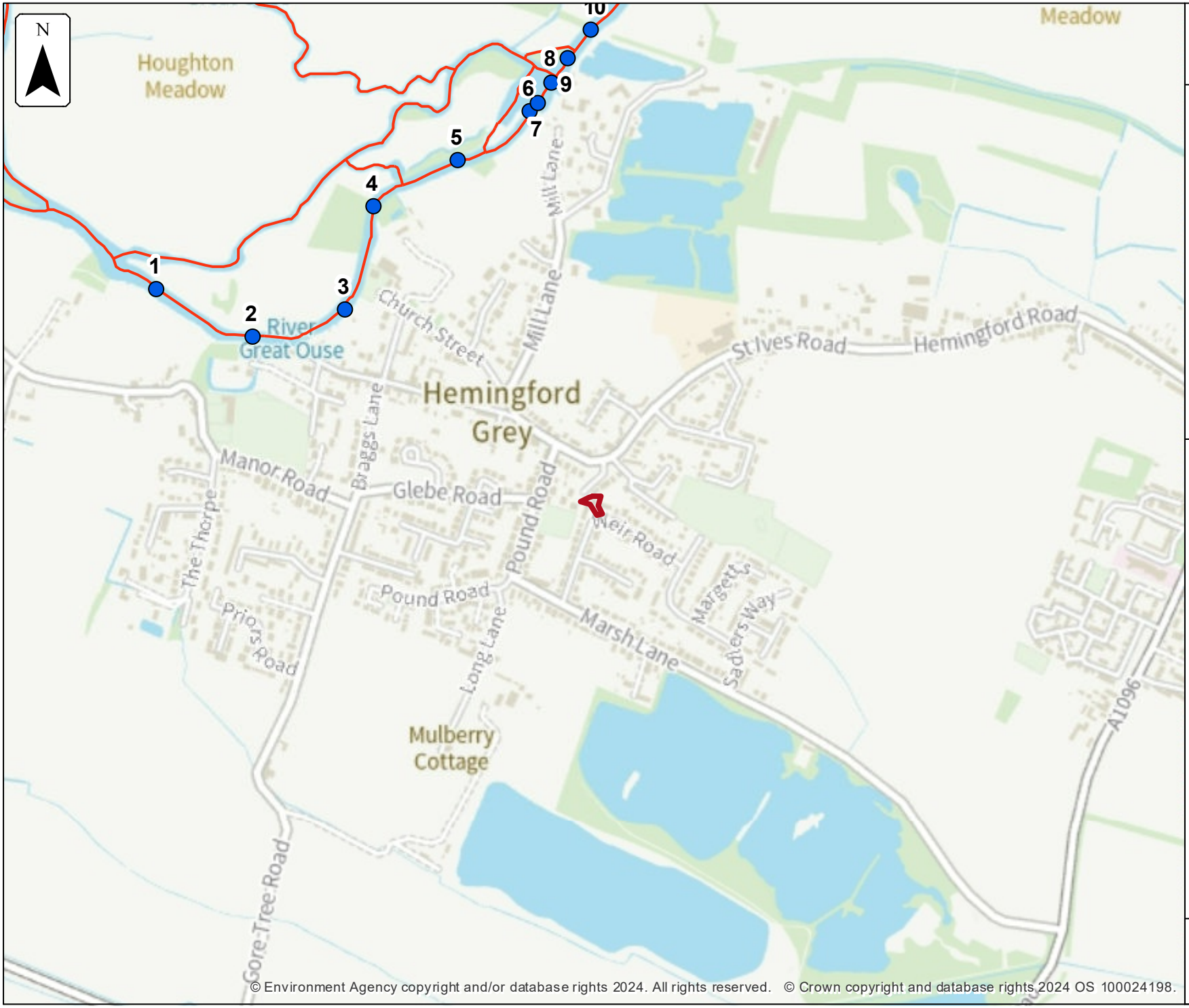
0 100 200 300 400 500
metres

# Modelled node locations data

## Defences removed

| Label | Modelled location ID | Easting | Northing | 5% AEP | 1% AEP | 0.1% AEP | 5% AEP | 1% AEP | 0.1% AEP |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Level | Level | Level | Flow | Flow | Flow |
| 1 | 1278939 | 528812 | 270834 | 7.54 | 7.65 | 7.85 | 52.63 | 59.49 | 73.17 |
| 2 | 1278933 | 528999 | 270742 | 7.52 | 7.63 | 7.82 | 44.05 | 43.44 | 51.98 |
| 3 | 1279176 | 529180 | 270796 | 7.50 | 7.62 | 7.83 | 43.96 | 43.40 | 43.57 |
| 4 | 1279270 | 529236 | 270995 | 7.48 | 7.60 | 7.81 | 43.54 | 43.05 | 43.25 |
| 5 | 1279103 | 529400 | 271085 | 7.43 | 7.55 | 7.74 | 54.81 | 59.51 | 68.43 |
| 6 | 1278971 | 529538 | 271182 | 7.40 | 7.53 | 7.75 | 44.17 | 44.80 | 44.56 |
| 7 | 1279225 | 529556 | 271198 | 7.25 | 7.39 | 7.62 | 56.30 | 59.69 | 64.70 |
| 8 | 1279292 | 529581 | 271238 | 7.25 | 7.39 | 7.61 | 70.48 | 76.83 | 82.90 |
| 9 | 1278995 | 529612 | 271285 | 7.15 | 7.29 | 7.52 | 138.06 | 146.71 | 156.40 |
| 10 | 1278980 | 529659 | 271340 | 7.11 | 7.27 | 7.53 | 152.05 | 155.75 | 160.40 |

Data in this table comes from the EAn Lower Ouse Downstream 2015 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.
If no level or flow data is available for a scenario, no table will be shown.

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Environment Agency

# Defended climate change modelled fluvial node locations

Location (easting/northing)
**529664/270418**

Scale
**1:10,000**

Created
**7 Oct 2024**

Model name
**EAn Godmanchester PostFAS Great Ouse**

- Selected area
- Modelled location
- Main river

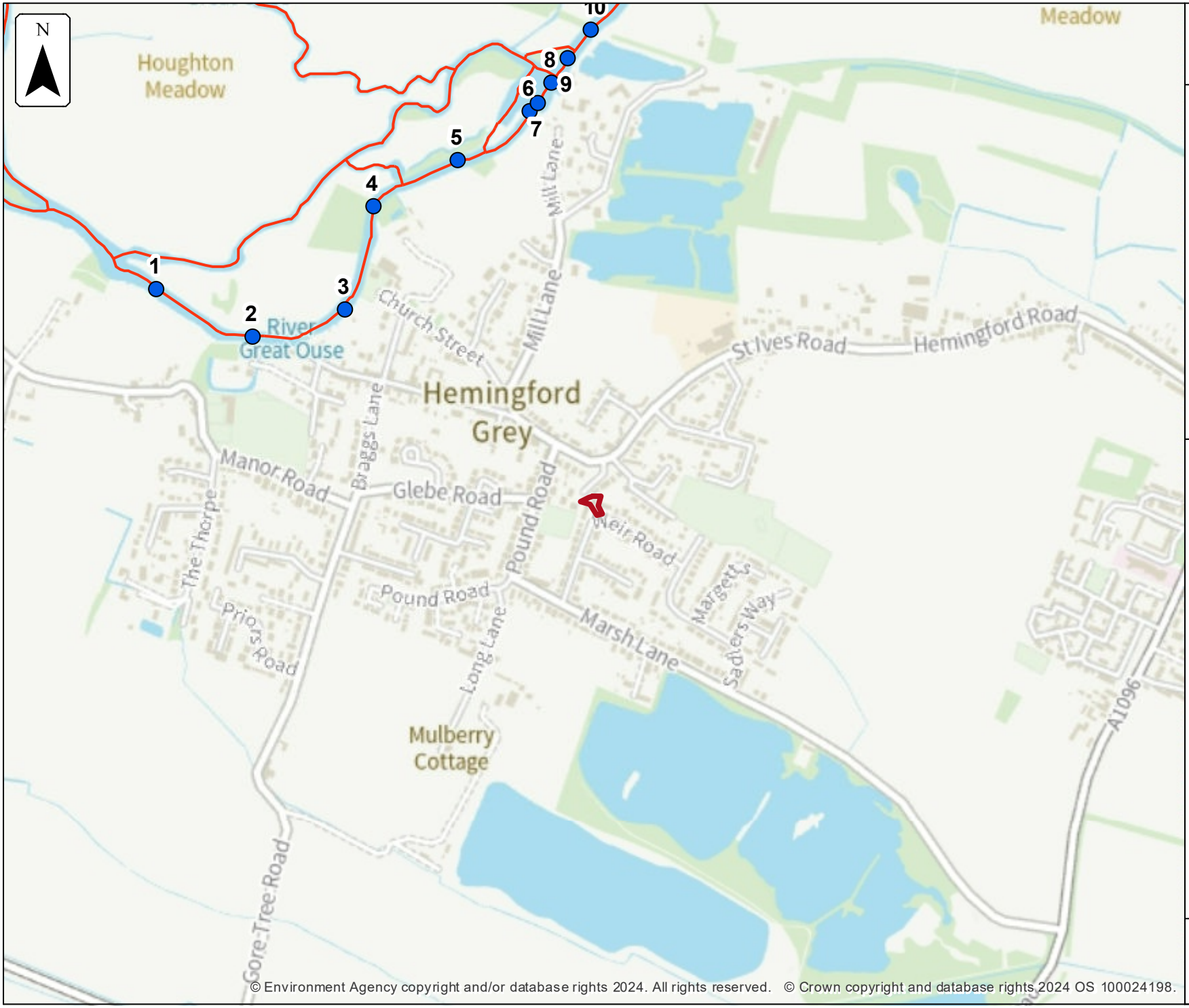
0 100 200 300 400 500
metres

# Modelled node locations data

## Defended climate change

| Label | Modelled location ID | Easting | Northing | 1.0% AEP (+20%) | 1.0% AEP (+20%) |
|---|---|---|---|---|---|
| | | | | Level | Flow |
| 1 | 1306312 | 528812 | 270834 | 8.07 | 57.01 |
| 2 | 1306337 | 528999 | 270742 | 8.07 | 43.14 |
| 3 | 1306261 | 529180 | 270796 | 8.06 | 43.08 |
| 4 | 1306257 | 529236 | 270995 | 8.04 | 46.10 |
| 5 | 1306265 | 529400 | 271085 | 8.01 | 54.88 |
| 6 | 1306249 | 529538 | 271182 | 8.01 | 46.31 |
| 7 | 1306305 | 529556 | 271198 | 7.88 | 66.22 |
| 8 | 1306353 | 529581 | 271238 | 7.87 | 89.31 |
| 9 | 1306363 | 529612 | 271285 | 7.75 | 196.39 |
| 10 | 1306271 | 529659 | 271340 | 7.65 | 230.91 |

Data in this table comes from the EAn Godmanchester PostFAS Great Ouse 2014 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.
If no level or flow data is available for a scenario, no table will be shown.

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Environment Agency

# Defended climate change modelled fluvial node locations

Location (easting/northing)
**529664/270418**

Scale
**1:10,000**

Created
**7 Oct 2024**

Model name
**EAn Lower Ouse Downstream 2015**

- Selected area
- Modelled location
- Main river

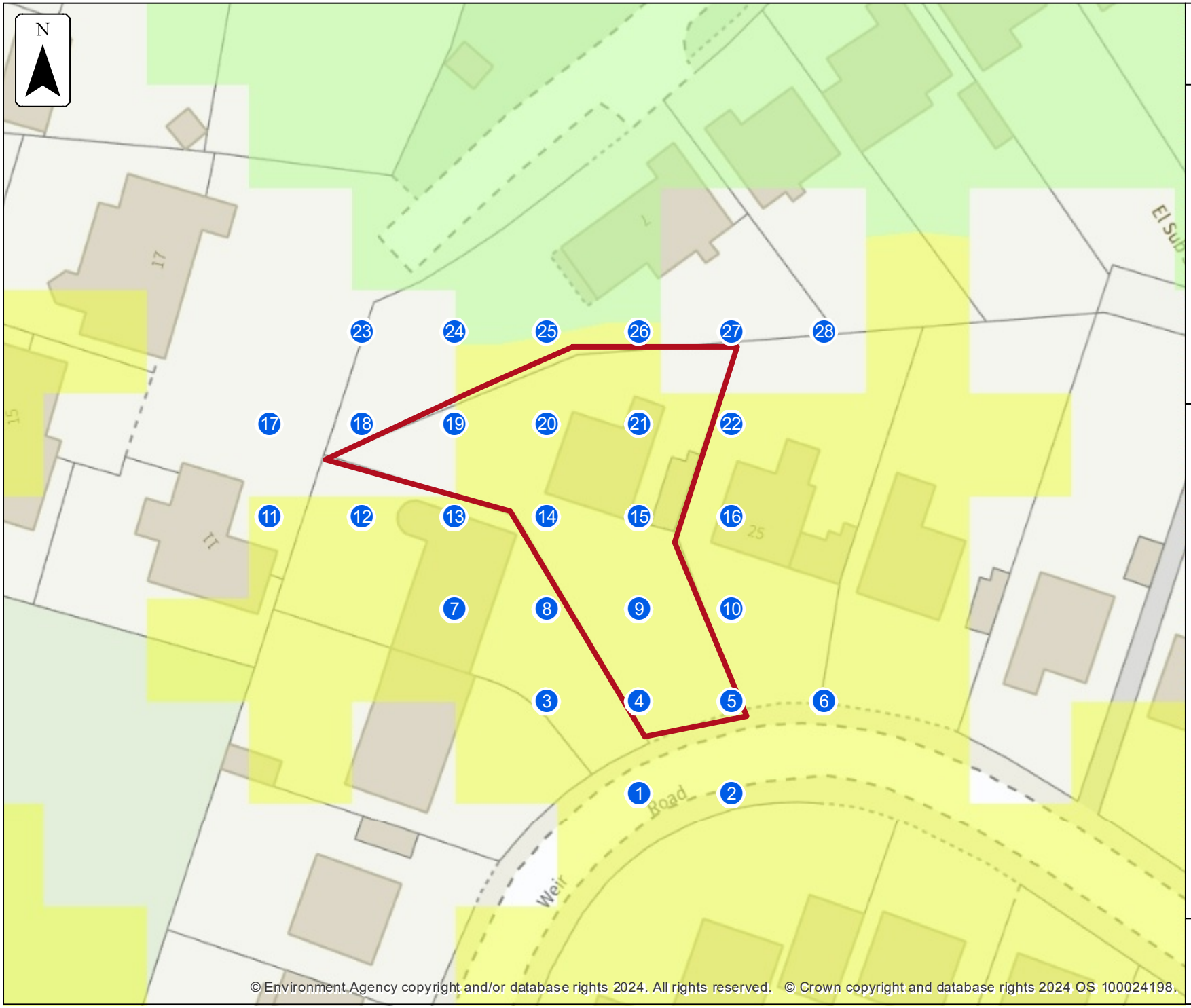
0 100 200 300 400 500
metres

# Modelled node locations data

## Defended climate change

| Label | Modelled location ID | Easting | Northing | 1.0% AEP (+20%) | 1.0% AEP (+20%) |
|---|---|---|---|---|---|
| | | | | Level | Flow |
| 1 | 1278939 | 528812 | 270834 | 8.08 | 57.49 |
| 2 | 1278933 | 528999 | 270742 | 8.08 | 43.13 |
| 3 | 1279176 | 529180 | 270796 | 8.08 | 43.05 |
| 4 | 1279270 | 529236 | 270995 | 8.05 | 46.39 |
| 5 | 1279103 | 529400 | 271085 | 8.03 | 55.06 |
| 6 | 1278971 | 529538 | 271182 | 8.03 | 46.35 |
| 7 | 1279225 | 529556 | 271198 | 7.89 | 65.97 |
| 8 | 1279292 | 529581 | 271238 | 7.89 | 88.94 |
| 9 | 1278995 | 529612 | 271285 | 7.77 | 195.78 |
| 10 | 1278980 | 529659 | 271340 | 7.67 | 230.48 |

Data in this table comes from the EAn Lower Ouse Downstream 2015 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.
If no level or flow data is available for a scenario, no table will be shown.




Environment Agency

# Defended modelled fluvial extent and height

Location (easting/northing)
**529664/270418**

Scale
**1:500**

Created
**7 Oct 2024**

Model name
**EAn Godmanchester PostFAS Great Ouse**

Selected area

Main river

Modelled 2D grid
*Water level in mAOD*

- 0 - 6.0
- 6.0 - 6.25
- 6.25 - 6.5
- 6.5 - 6.75
- 6.75 - 7.0
- 7.0 - 7.25
- 7.25 - 7.5
- 7.5 - 7.75
- 7.75 - 8.0

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 | Depth | Depth | Depth | Depth | Depth |
| 1 | 529668 | 270390 | NoData | NoData | NoData | NoData | NoData | 0.12 |
| 2 | 529677 | 270390 | NoData | NoData | NoData | NoData | NoData | 0.14 |
| 3 | 529659 | 270399 | NoData | NoData | NoData | NoData | NoData | 0.11 |
| 4 | 529668 | 270399 | NoData | NoData | NoData | NoData | NoData | 0.19 |
| 5 | 529677 | 270399 | NoData | NoData | NoData | NoData | NoData | 0.17 |
| 6 | 529686 | 270399 | NoData | NoData | NoData | NoData | NoData | 0.10 |
| 7 | 529650 | 270408 | NoData | NoData | NoData | NoData | NoData | 0.11 |
| 8 | 529659 | 270408 | NoData | NoData | NoData | NoData | NoData | 0.11 |
| 9 | 529668 | 270408 | NoData | NoData | NoData | NoData | NoData | 0.19 |
| 10 | 529677 | 270408 | NoData | NoData | NoData | NoData | NoData | 0.17 |
| 11 | 529632 | 270417 | NoData | NoData | NoData | NoData | NoData | 0.05 |
| 12 | 529641 | 270417 | NoData | NoData | NoData | NoData | NoData | 0.07 |
| 13 | 529650 | 270417 | NoData | NoData | NoData | NoData | NoData | 0.15 |
| 14 | 529659 | 270417 | NoData | NoData | NoData | NoData | NoData | 0.15 |
| 15 | 529668 | 270417 | NoData | NoData | NoData | NoData | NoData | 0.26 |
| 16 | 529677 | 270417 | NoData | NoData | NoData | NoData | NoData | 0.17 |

| Label | Easting | Northing | 5% AEP | 2% AEP | 1.33% AEP | 1% AEP | 0.5% AEP | 0.1% AEP |
|---|---|---|---|---|---|---|---|---|
| | | | Depth | Depth | Depth | Depth | Depth | Depth |
| 17 | 529632 | 270426 | NoData | NoData | NoData | NoData | NoData | NoData |
| 18 | 529641 | 270426 | NoData | NoData | NoData | NoData | NoData | NoData |
| 19 | 529650 | 270426 | NoData | NoData | NoData | NoData | NoData | 0.07 |
| 20 | 529659 | 270426 | NoData | NoData | NoData | NoData | NoData | 0.07 |
| 21 | 529668 | 270426 | NoData | NoData | NoData | NoData | NoData | 0.15 |
| 22 | 529677 | 270426 | NoData | NoData | NoData | NoData | NoData | 0.12 |
| 23 | 529641 | 270435 | NoData | NoData | NoData | NoData | NoData | NoData |
| 24 | 529650 | 270435 | NoData | NoData | NoData | NoData | NoData | 0.06 |
| 25 | 529659 | 270435 | NoData | NoData | NoData | NoData | NoData | 0.06 |
| 26 | 529668 | 270435 | NoData | NoData | NoData | NoData | NoData | 0.11 |
| 27 | 529677 | 270435 | NoData | NoData | NoData | NoData | NoData | NoData |
| 28 | 529686 | 270435 | NoData | NoData | NoData | NoData | NoData | NoData |
| Max value in selected area: | | | NoData | NoData | NoData | NoData | NoData | 0.26 |

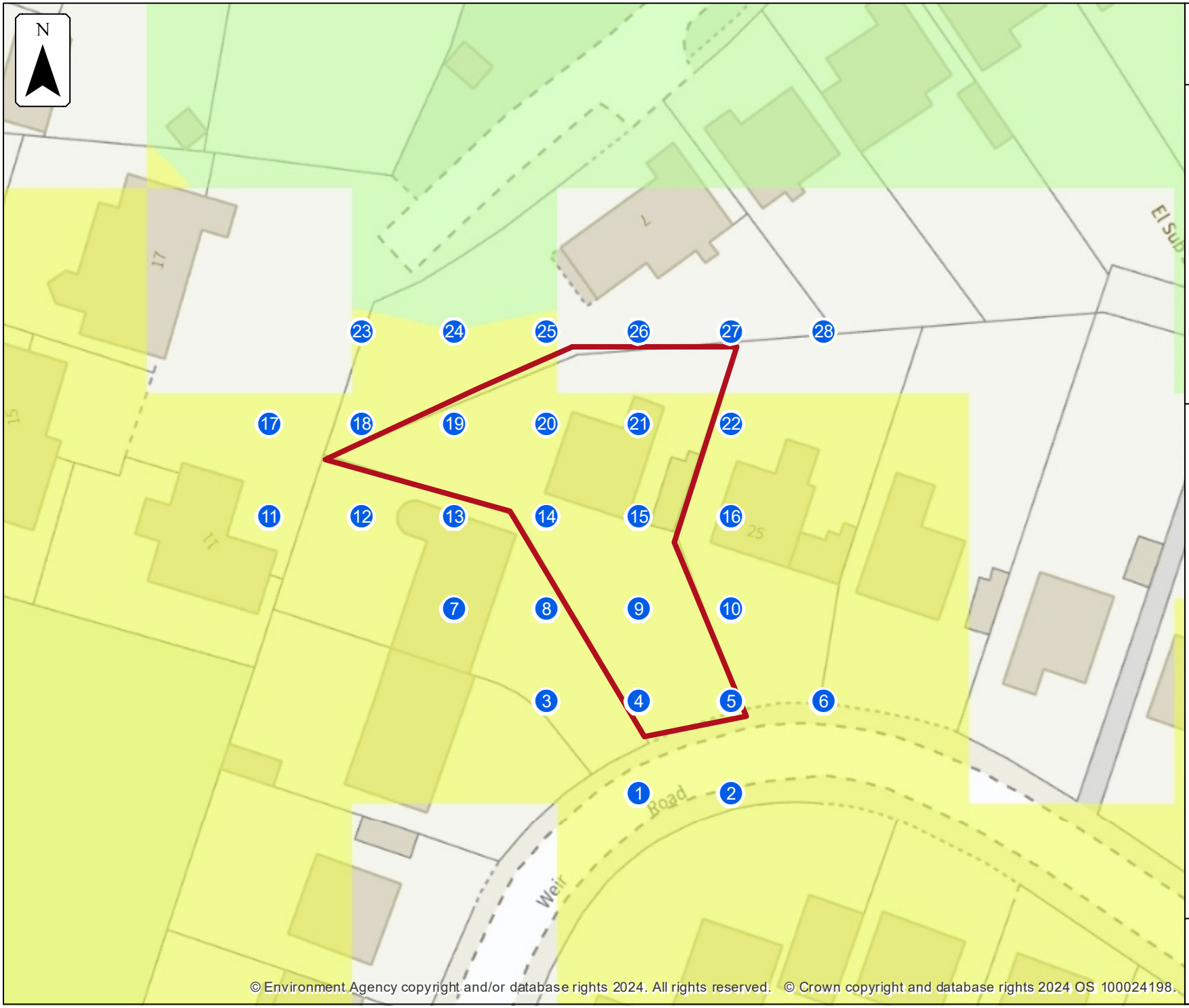
Data in this table comes from the EAn Godmanchester PostFAS Great Ouse 2014 model.
Height values are shown in mAOD, and depth values are shown in metres.
Any blank cells show where a particular scenario has not been modelled for this location.
Cells which contain text 'NoData' for a scenario show that return period has been modelled but there is no flood risk for that return period for that location.
If no height or depth data is available for a scenario, no table will be shown.
'Max value in selected area' is the deepest depth or highest height at any location within your drawn boundary.

## Defended

| Label | Easting | Northing | 5% AEP | 2% AEP | 1.33% AEP | 1% AEP | 0.5% AEP | 0.1% AEP |
|---|---|---|---|---|---|---|---|---|
| | | | Height | Height | Height | Height | Height | Height |
| 1 | 529668 | 270390 | NoData | NoData | NoData | NoData | NoData | 7.09 |
| 2 | 529677 | 270390 | NoData | NoData | NoData | NoData | NoData | 7.10 |
| 3 | 529659 | 270399 | NoData | NoData | NoData | NoData | NoData | 7.08 |
| 4 | 529668 | 270399 | NoData | NoData | NoData | NoData | NoData | 7.08 |
| 5 | 529677 | 270399 | NoData | NoData | NoData | NoData | NoData | 7.09 |
| 6 | 529686 | 270399 | NoData | NoData | NoData | NoData | NoData | 7.09 |
| 7 | 529650 | 270408 | NoData | NoData | NoData | NoData | NoData | 7.08 |
| 8 | 529659 | 270408 | NoData | NoData | NoData | NoData | NoData | 7.08 |
| 9 | 529668 | 270408 | NoData | NoData | NoData | NoData | NoData | 7.08 |
| 10 | 529677 | 270408 | NoData | NoData | NoData | NoData | NoData | 7.09 |
| 11 | 529632 | 270417 | NoData | NoData | NoData | NoData | NoData | 7.06 |
| 12 | 529641 | 270417 | NoData | NoData | NoData | NoData | NoData | 7.06 |
| 13 | 529650 | 270417 | NoData | NoData | NoData | NoData | NoData | 7.06 |
| 14 | 529659 | 270417 | NoData | NoData | NoData | NoData | NoData | 7.06 |
| 15 | 529668 | 270417 | NoData | NoData | NoData | NoData | NoData | 7.07 |
| 16 | 529677 | 270417 | NoData | NoData | NoData | NoData | NoData | 7.08 |
| 17 | 529632 | 270426 | NoData | NoData | NoData | NoData | NoData | NoData |
| 18 | 529641 | 270426 | NoData | NoData | NoData | NoData | NoData | NoData |

| Label | Easting | Northing | 5% AEP | 2% AEP | 1.33% AEP | 1% AEP | 0.5% AEP | 0.1% AEP |
|---|---|---|---|---|---|---|---|---|
| | | | Height | Height | Height | Height | Height | Height |
| 19 | 529650 | 270426 | NoData | NoData | NoData | NoData | NoData | 7.03 |
| 20 | 529659 | 270426 | NoData | NoData | NoData | NoData | NoData | 7.03 |
| 21 | 529668 | 270426 | NoData | NoData | NoData | NoData | NoData | 7.04 |
| 22 | 529677 | 270426 | NoData | NoData | NoData | NoData | NoData | 7.07 |
| 23 | 529641 | 270435 | NoData | NoData | NoData | NoData | NoData | NoData |
| 24 | 529650 | 270435 | NoData | NoData | NoData | NoData | NoData | 7.00 |
| 25 | 529659 | 270435 | NoData | NoData | NoData | NoData | NoData | 7.00 |
| 26 | 529668 | 270435 | NoData | NoData | NoData | NoData | NoData | 7.01 |
| 27 | 529677 | 270435 | NoData | NoData | NoData | NoData | NoData | NoData |
| 28 | 529686 | 270435 | NoData | NoData | NoData | NoData | NoData | NoData |
| Max value in selected area: | | | NoData | NoData | NoData | NoData | NoData | 7.09 |

Data in this table comes from the EAn Godmanchester PostFAS Great Ouse 2014 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.
If no height or depth data is available for a scenario, no table will be shown.
'Max value in selected area' is the deepest depth or highest height at any location within your drawn boundary.




Environment Agency

# Defended modelled fluvial extent and height

Location (easting/northing)
**529664/270418**

Scale
**1:500**

Created
**7 Oct 2024**

Model name
**EAn Lower Ouse Downstream 2015**

Selected area

Main river

Modelled 2D grid
*Water level in mAOD*

- 0 - 6.0
- 6.0 - 6.25
- 6.25 - 6.5
- 6.5 - 6.75
- 6.75 - 7.0
- 7.0 - 7.25
- 7.25 - 7.5
- 7.5 - 7.75
- 7.75 - 8.0

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 | Depth | Depth | Depth | Depth | Depth |
| 1 | 529668 | 270390 | NoData | NoData | NoData | NoData | NoData | 0.18 |
| 2 | 529677 | 270390 | NoData | NoData | NoData | NoData | NoData | 0.18 |
| 3 | 529659 | 270399 | NoData | NoData | NoData | NoData | NoData | 0.04 |
| 4 | 529668 | 270399 | NoData | NoData | NoData | NoData | NoData | 0.18 |
| 5 | 529677 | 270399 | NoData | NoData | NoData | NoData | NoData | 0.18 |
| 6 | 529686 | 270399 | NoData | NoData | NoData | NoData | NoData | 0.15 |
| 7 | 529650 | 270408 | NoData | NoData | NoData | NoData | NoData | 0.04 |
| 8 | 529659 | 270408 | NoData | NoData | NoData | NoData | NoData | 0.04 |
| 9 | 529668 | 270408 | NoData | NoData | NoData | NoData | NoData | 0.18 |
| 10 | 529677 | 270408 | NoData | NoData | NoData | NoData | NoData | 0.18 |
| 11 | 529632 | 270417 | NoData | NoData | NoData | NoData | NoData | 0.07 |
| 12 | 529641 | 270417 | NoData | NoData | NoData | NoData | NoData | 0.07 |
| 13 | 529650 | 270417 | NoData | NoData | NoData | NoData | NoData | 0.07 |
| 14 | 529659 | 270417 | NoData | NoData | NoData | NoData | NoData | 0.07 |
| 15 | 529668 | 270417 | NoData | NoData | NoData | NoData | NoData | 0.20 |
| 16 | 529677 | 270417 | NoData | NoData | NoData | NoData | NoData | 0.20 |

| Label | Easting | Northing | 5% AEP | 2% AEP | 1.33% AEP | 1% AEP | 0.5% AEP | 0.1% AEP |
|---|---|---|---|---|---|---|---|---|
| | | | Depth | Depth | Depth | Depth | Depth | Depth |
| 17 | 529632 | 270426 | NoData | NoData | NoData | NoData | NoData | 0.07 |
| 18 | 529641 | 270426 | NoData | NoData | NoData | NoData | NoData | 0.07 |
| 19 | 529650 | 270426 | NoData | NoData | NoData | NoData | NoData | 0.07 |
| 20 | 529659 | 270426 | NoData | NoData | NoData | NoData | NoData | 0.07 |
| 21 | 529668 | 270426 | NoData | NoData | NoData | NoData | NoData | 0.20 |
| 22 | 529677 | 270426 | NoData | NoData | NoData | NoData | NoData | 0.20 |
| 23 | 529641 | 270435 | NoData | NoData | NoData | NoData | NoData | 0.09 |
| 24 | 529650 | 270435 | NoData | NoData | NoData | NoData | NoData | 0.09 |
| 25 | 529659 | 270435 | NoData | NoData | NoData | NoData | NoData | 0.09 |
| 26 | 529668 | 270435 | NoData | NoData | NoData | NoData | NoData | NoData |
| 27 | 529677 | 270435 | NoData | NoData | NoData | NoData | NoData | NoData |
| 28 | 529686 | 270435 | NoData | NoData | NoData | NoData | NoData | NoData |
| Max value in selected area: | | | NoData | NoData | NoData | NoData | NoData | 0.20 |

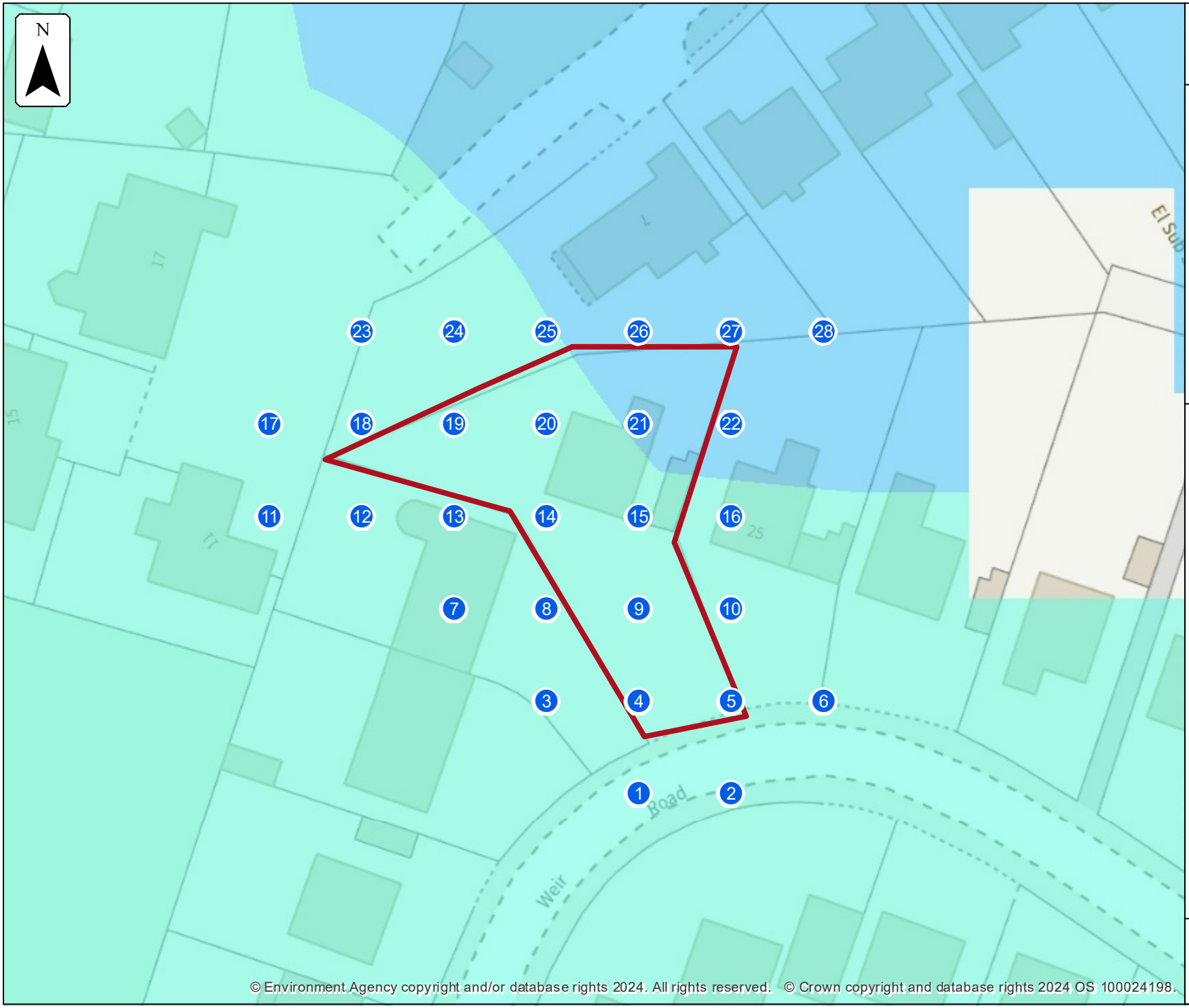
Data in this table comes from the EAn Lower Ouse Downstream 2015 model.
Height values are shown in mAOD, and depth values are shown in metres.
Any blank cells show where a particular scenario has not been modelled for this location.
Cells which contain text 'NoData' for a scenario show that return period has been modelled but there is no flood risk for that return period for that location.
If no height or depth data is available for a scenario, no table will be shown.
'Max value in selected area' is the deepest depth or highest height at any location within your drawn boundary.

## Defended

| Label | Easting | Northing | 5% AEP | 2% AEP | 1.33% AEP | 1% AEP | 0.5% AEP | 0.1% AEP |
|---|---|---|---|---|---|---|---|---|
| | | | Height | Height | Height | Height | Height | Height |
| 1 | 529668 | 270390 | NoData | NoData | NoData | NoData | NoData | 7.11 |
| 2 | 529677 | 270390 | NoData | NoData | NoData | NoData | NoData | 7.11 |
| 3 | 529659 | 270399 | NoData | NoData | NoData | NoData | NoData | 7.10 |
| 4 | 529668 | 270399 | NoData | NoData | NoData | NoData | NoData | 7.11 |
| 5 | 529677 | 270399 | NoData | NoData | NoData | NoData | NoData | 7.11 |
| 6 | 529686 | 270399 | NoData | NoData | NoData | NoData | NoData | 7.12 |
| 7 | 529650 | 270408 | NoData | NoData | NoData | NoData | NoData | 7.10 |
| 8 | 529659 | 270408 | NoData | NoData | NoData | NoData | NoData | 7.10 |
| 9 | 529668 | 270408 | NoData | NoData | NoData | NoData | NoData | 7.11 |
| 10 | 529677 | 270408 | NoData | NoData | NoData | NoData | NoData | 7.11 |
| 11 | 529632 | 270417 | NoData | NoData | NoData | NoData | NoData | 7.11 |
| 12 | 529641 | 270417 | NoData | NoData | NoData | NoData | NoData | 7.06 |
| 13 | 529650 | 270417 | NoData | NoData | NoData | NoData | NoData | 7.06 |
| 14 | 529659 | 270417 | NoData | NoData | NoData | NoData | NoData | 7.06 |
| 15 | 529668 | 270417 | NoData | NoData | NoData | NoData | NoData | 7.09 |
| 16 | 529677 | 270417 | NoData | NoData | NoData | NoData | NoData | 7.09 |
| 17 | 529632 | 270426 | NoData | NoData | NoData | NoData | NoData | 7.11 |
| 18 | 529641 | 270426 | NoData | NoData | NoData | NoData | NoData | 7.06 |

| Label | Easting | Northing | 5% AEP | 2% AEP | 1.33% AEP | 1% AEP | 0.5% AEP | 0.1% AEP |
|---|---|---|---|---|---|---|---|---|
| | | | Height | Height | Height | Height | Height | Height |
| 19 | 529650 | 270426 | NoData | NoData | NoData | NoData | NoData | 7.06 |
| 20 | 529659 | 270426 | NoData | NoData | NoData | NoData | NoData | 7.06 |
| 21 | 529668 | 270426 | NoData | NoData | NoData | NoData | NoData | 7.09 |
| 22 | 529677 | 270426 | NoData | NoData | NoData | NoData | NoData | 7.09 |
| 23 | 529641 | 270435 | NoData | NoData | NoData | NoData | NoData | 6.99 |
| 24 | 529650 | 270435 | NoData | NoData | NoData | NoData | NoData | 6.99 |
| 25 | 529659 | 270435 | NoData | NoData | NoData | NoData | NoData | 6.99 |
| 26 | 529668 | 270435 | NoData | NoData | NoData | NoData | NoData | NoData |
| 27 | 529677 | 270435 | NoData | NoData | NoData | NoData | NoData | NoData |
| 28 | 529686 | 270435 | NoData | NoData | NoData | NoData | NoData | NoData |
| Max value in selected area: | | | NoData | NoData | NoData | NoData | NoData | 7.11 |

Data in this table comes from the EAn Lower Ouse Downstream 2015 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.
If no height or depth data is available for a scenario, no table will be shown.
'Max value in selected area' is the deepest depth or highest height at any location within your drawn boundary.




Environment Agency

**Defences removed modelled fluvial extent and height**

Location (easting/northing)
**529664/270418**

Scale
**1:500**

Created
**7 Oct 2024**

Model name
**EAn Lower Ouse Downstream 2015**

Selected area

Main river

Modelled 2D grid
*Water level in mAOD*

- 0 - 7.0
- 7.0 - 7.125
- 7.125 - 7.25
- 7.25 - 7.375
- 7.375 - 7.5
- 7.5 - 7.625
- 7.625 - 7.75
- 7.75 - 7.875
- 7.875 - 8.0

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 | 1% AEP | 0.1% AEP | 5% AEP | 1% AEP | 0.1% AEP |
|---|---|---|---|---|---|---|---|---|
| | | | Depth | Depth | Depth | Height | Height | Height |
| 1 | 529668 | 270390 | NoData | 0.18 | 0.32 | NoData | 7.11 | 7.26 |
| 2 | 529677 | 270390 | NoData | 0.18 | 0.32 | NoData | 7.11 | 7.26 |
| 3 | 529659 | 270399 | NoData | 0.04 | 0.20 | NoData | 7.10 | 7.26 |
| 4 | 529668 | 270399 | NoData | 0.18 | 0.32 | NoData | 7.11 | 7.26 |
| 5 | 529677 | 270399 | NoData | 0.18 | 0.32 | NoData | 7.11 | 7.26 |
| 6 | 529686 | 270399 | NoData | 0.15 | 0.29 | NoData | 7.12 | 7.26 |
| 7 | 529650 | 270408 | NoData | 0.04 | 0.20 | NoData | 7.10 | 7.26 |
| 8 | 529659 | 270408 | NoData | 0.04 | 0.20 | NoData | 7.10 | 7.26 |
| 9 | 529668 | 270408 | NoData | 0.18 | 0.32 | NoData | 7.11 | 7.26 |
| 10 | 529677 | 270408 | NoData | 0.18 | 0.32 | NoData | 7.11 | 7.26 |
| 11 | 529632 | 270417 | NoData | 0.08 | 0.25 | NoData | 7.12 | 7.29 |
| 12 | 529641 | 270417 | NoData | 0.07 | 0.25 | NoData | 7.07 | 7.26 |
| 13 | 529650 | 270417 | NoData | 0.07 | 0.25 | NoData | 7.07 | 7.26 |
| 14 | 529659 | 270417 | NoData | 0.07 | 0.25 | NoData | 7.07 | 7.26 |
| 15 | 529668 | 270417 | NoData | 0.21 | 0.37 | NoData | 7.09 | 7.25 |
| 16 | 529677 | 270417 | NoData | 0.21 | 0.37 | NoData | 7.09 | 7.25 |

| Label | Easting | Northing | 5% AEP | 1% AEP | 0.1% AEP | 5% AEP | 1% AEP | 0.1% AEP |
|---|---|---|---|---|---|---|---|---|
| | | | Depth | Depth | Depth | Height | Height | Height |
| 17 | 529632 | 270426 | NoData | 0.08 | 0.25 | NoData | 7.12 | 7.29 |
| 18 | 529641 | 270426 | NoData | 0.07 | 0.25 | NoData | 7.07 | 7.26 |
| 19 | 529650 | 270426 | NoData | 0.07 | 0.25 | NoData | 7.07 | 7.26 |
| 20 | 529659 | 270426 | NoData | 0.07 | 0.25 | NoData | 7.07 | 7.26 |
| 21 | 529668 | 270426 | NoData | 0.21 | 0.37 | NoData | 7.09 | 7.25 |
| 22 | 529677 | 270426 | NoData | 0.21 | 0.37 | NoData | 7.09 | 7.25 |
| 23 | 529641 | 270435 | NoData | 0.08 | 0.29 | NoData | 7.00 | 7.26 |
| 24 | 529650 | 270435 | NoData | 0.08 | 0.29 | NoData | 7.00 | 7.26 |
| 25 | 529659 | 270435 | NoData | 0.08 | 0.29 | NoData | 7.00 | 7.26 |
| 26 | 529668 | 270435 | NoData | NoData | 0.38 | NoData | NoData | 7.24 |
| 27 | 529677 | 270435 | NoData | NoData | 0.38 | NoData | NoData | 7.24 |
| 28 | 529686 | 270435 | NoData | NoData | 0.31 | NoData | NoData | 7.24 |
| Max value in selected area: | | | NoData | 0.21 | 0.37 | NoData | 7.11 | 7.26 |

Data in this table comes from the EAn Lower Ouse Downstream 2015 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.
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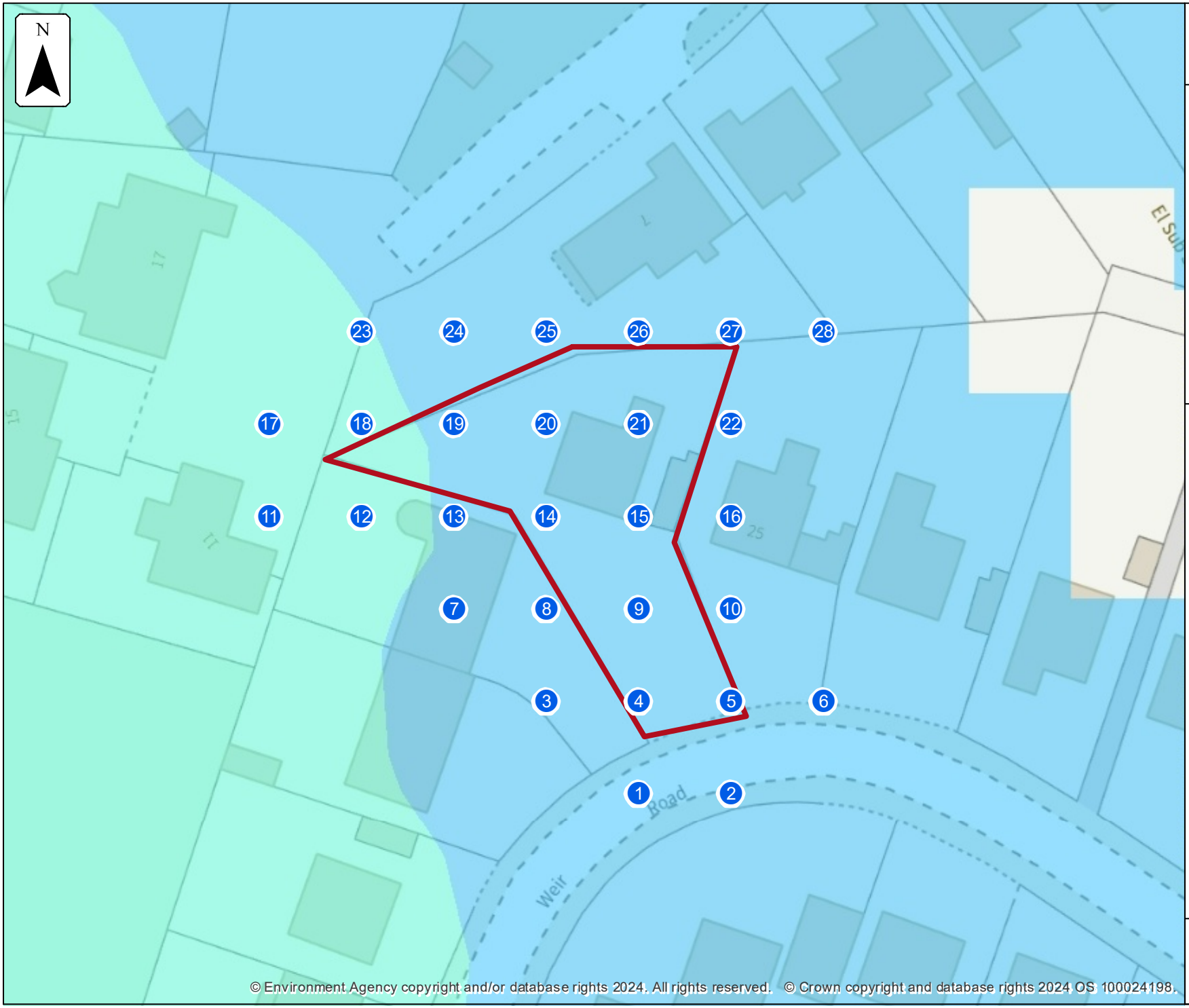
If no height or depth data is available for a scenario, no table will be shown.
'Max value in selected area' is the deepest depth or highest height at any location within your drawn boundary.




Environment Agency

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

Location (easting/northing)
**529664/270418**

Scale
**1:500**

Created
**7 Oct 2024**

Model name
**EAn Godmanchester PostFAS Great Ouse**

Selected area

Main river

Modelled 2D grid
*Water level in mAOD*

- 0 - 7.0
- 7.0 - 7.125
- 7.125 - 7.25
- 7.25 - 7.375
- 7.375 - 7.5
- 7.5 - 7.625
- 7.625 - 7.75
- 7.75 - 7.875
- 7.875 - 8.0

This map shows the 0.1% AEP height data

0 5 10 15 20
metres

# Sample point data

## No defences exist

| Label | Easting | Northing | 5% AEP | 1% AEP | 0.1% AEP | 5% AEP | 1% AEP | 0.1% AEP |
|---|---|---|---|---|---|---|---|---|
| | | | Depth | Depth | Depth | Height | Height | Height |
| 1 | 529668 | 270390 | NoData | 0.15 | 0.26 | NoData | 7.12 | 7.24 |
| 2 | 529677 | 270390 | NoData | 0.17 | 0.28 | NoData | 7.13 | 7.24 |
| 3 | 529659 | 270399 | NoData | 0.14 | 0.28 | NoData | 7.10 | 7.24 |
| 4 | 529668 | 270399 | NoData | 0.22 | 0.35 | NoData | 7.11 | 7.24 |
| 5 | 529677 | 270399 | NoData | 0.20 | 0.32 | NoData | 7.12 | 7.24 |
| 6 | 529686 | 270399 | NoData | 0.13 | 0.25 | NoData | 7.12 | 7.24 |
| 7 | 529650 | 270408 | NoData | 0.14 | 0.28 | NoData | 7.10 | 7.24 |
| 8 | 529659 | 270408 | NoData | 0.14 | 0.28 | NoData | 7.10 | 7.24 |
| 9 | 529668 | 270408 | NoData | 0.22 | 0.35 | NoData | 7.11 | 7.24 |
| 10 | 529677 | 270408 | NoData | 0.20 | 0.32 | NoData | 7.12 | 7.24 |
| 11 | 529632 | 270417 | NoData | 0.10 | 0.24 | NoData | 7.12 | 7.27 |
| 12 | 529641 | 270417 | NoData | 0.11 | 0.26 | NoData | 7.10 | 7.25 |
| 13 | 529650 | 270417 | NoData | 0.18 | 0.33 | NoData | 7.10 | 7.24 |
| 14 | 529659 | 270417 | NoData | 0.18 | 0.33 | NoData | 7.10 | 7.24 |
| 15 | 529668 | 270417 | NoData | 0.29 | 0.42 | NoData | 7.10 | 7.24 |
| 16 | 529677 | 270417 | NoData | 0.20 | 0.32 | NoData | 7.11 | 7.24 |

| Label | Easting | Northing | 5% AEP | 1% AEP | 0.1% AEP | 5% AEP | 1% AEP | 0.1% AEP |
|---|---|---|---|---|---|---|---|---|
| | | | Depth | Depth | Depth | Height | Height | Height |
| 17 | 529632 | 270426 | NoData | 0.07 | 0.22 | NoData | 7.10 | 7.27 |
| 18 | 529641 | 270426 | NoData | 0.04 | 0.21 | NoData | 7.08 | 7.25 |
| 19 | 529650 | 270426 | NoData | 0.08 | 0.25 | NoData | 7.07 | 7.24 |
| 20 | 529659 | 270426 | NoData | 0.08 | 0.25 | NoData | 7.07 | 7.24 |
| 21 | 529668 | 270426 | NoData | 0.16 | 0.33 | NoData | 7.07 | 7.23 |
| 22 | 529677 | 270426 | NoData | 0.14 | 0.28 | NoData | 7.10 | 7.23 |
| 23 | 529641 | 270435 | NoData | 0.01 | 0.16 | NoData | 7.04 | 7.25 |
| 24 | 529650 | 270435 | NoData | 0.06 | 0.26 | NoData | 7.03 | 7.24 |
| 25 | 529659 | 270435 | NoData | 0.06 | 0.26 | NoData | 7.03 | 7.24 |
| 26 | 529668 | 270435 | NoData | 0.12 | 0.32 | NoData | 7.02 | 7.23 |
| 27 | 529677 | 270435 | NoData | NoData | 0.33 | NoData | NoData | 7.22 |
| 28 | 529686 | 270435 | NoData | NoData | 0.28 | NoData | NoData | 7.22 |
| Max value in selected area: | | | NoData | 0.29 | 0.42 | NoData | 7.12 | 7.25 |

Data in this table comes from the EAn Godmanchester PostFAS Great Ouse 2014 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.
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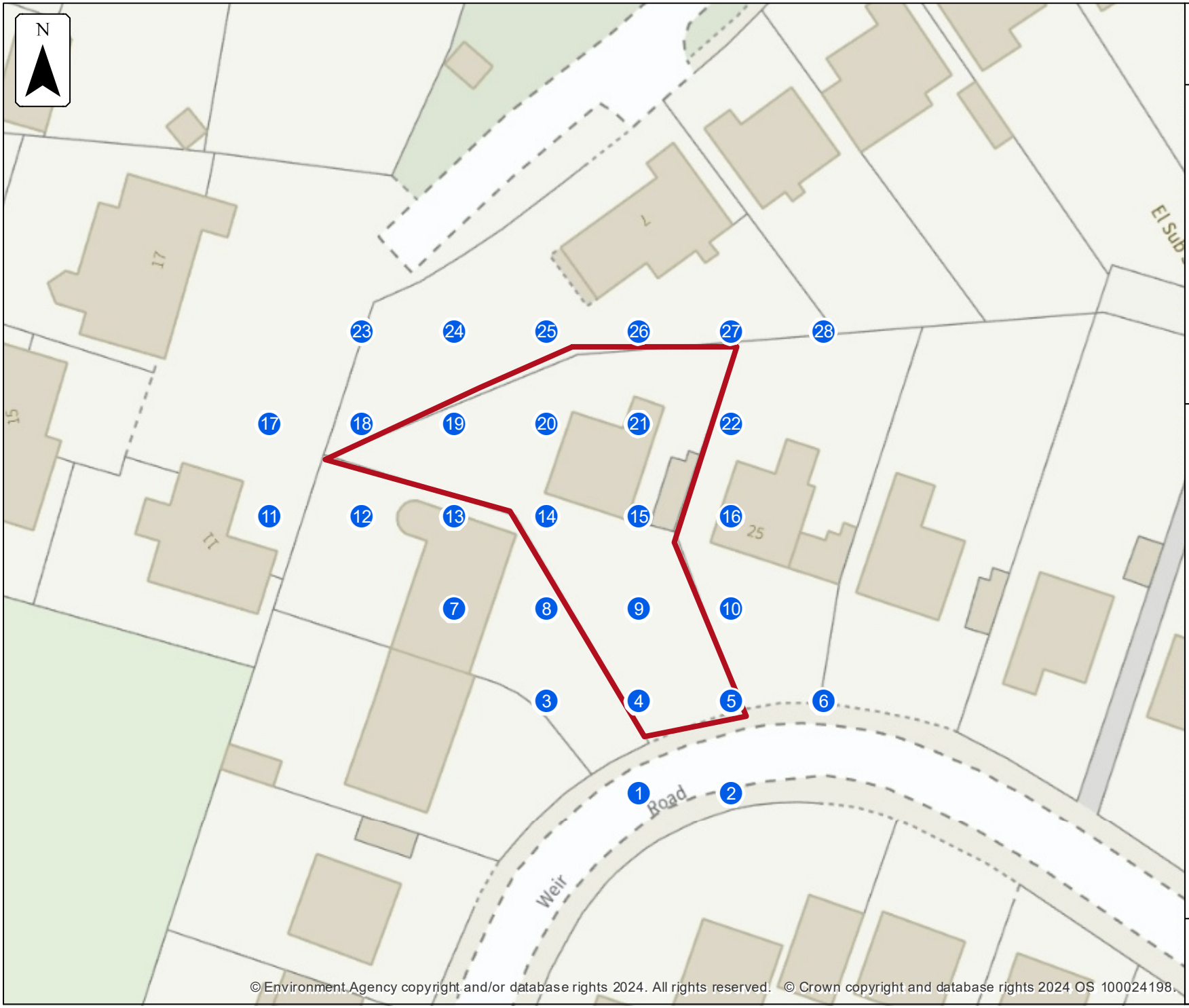


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Environment Agency

# Defended climate change modelled fluvial extent and height

Location (easting/northing)
**529664/270418**

Scale
**1:500**

Created
**7 Oct 2024**

Model name
**EAn Godmanchester PostFAS Great Ouse**

Selected area

Main river

Modelled 2D grid
*Water level in mAOD*

- 0 - 31
- 31 - 31.5
- 31.5 - 32
- 32 - 32.5
- 32.5 - 33
- 33 - 33.5
- 33.5 - 34
- 34 - 34.5
- 34.5 - 35

This map shows the 1.0% AEP +20% height data

0 5 10 15 20
metres

# Sample point data

## Defended climate change

| Label | Easting | Northing | 1% AEP (+20%) | 1% AEP (+20%) |
|---|---|---|---|---|
| | | | Depth | Height |
| 1 | 529668 | 270390 | NoData | NoData |
| 2 | 529677 | 270390 | NoData | NoData |
| 3 | 529659 | 270399 | NoData | NoData |
| 4 | 529668 | 270399 | NoData | NoData |
| 5 | 529677 | 270399 | NoData | NoData |
| 6 | 529686 | 270399 | NoData | NoData |
| 7 | 529650 | 270408 | NoData | NoData |
| 8 | 529659 | 270408 | NoData | NoData |
| 9 | 529668 | 270408 | NoData | NoData |
| 10 | 529677 | 270408 | NoData | NoData |
| 11 | 529632 | 270417 | NoData | NoData |
| 12 | 529641 | 270417 | NoData | NoData |
| 13 | 529650 | 270417 | NoData | NoData |
| 14 | 529659 | 270417 | NoData | NoData |
| 15 | 529668 | 270417 | NoData | NoData |
| 16 | 529677 | 270417 | NoData | NoData |

| Label | Easting | Northing | 1% AEP (+20%) | 1% AEP (+20%) |
|---|---|---|---|---|
| | | | Depth | Height |
| 17 | 529632 | 270426 | NoData | NoData |
| 18 | 529641 | 270426 | NoData | NoData |
| 19 | 529650 | 270426 | NoData | NoData |
| 20 | 529659 | 270426 | NoData | NoData |
| 21 | 529668 | 270426 | NoData | NoData |
| 22 | 529677 | 270426 | NoData | NoData |
| 23 | 529641 | 270435 | NoData | NoData |
| 24 | 529650 | 270435 | NoData | NoData |
| 25 | 529659 | 270435 | NoData | NoData |
| 26 | 529668 | 270435 | NoData | NoData |
| 27 | 529677 | 270435 | NoData | NoData |
| 28 | 529686 | 270435 | NoData | NoData |
| Max value in selected area: | | | NoData | NoData |

Data in this table comes from the EAn Godmanchester PostFAS Great Ouse 2014 model.
Height values are shown in mAOD, and depth values are shown in metres.
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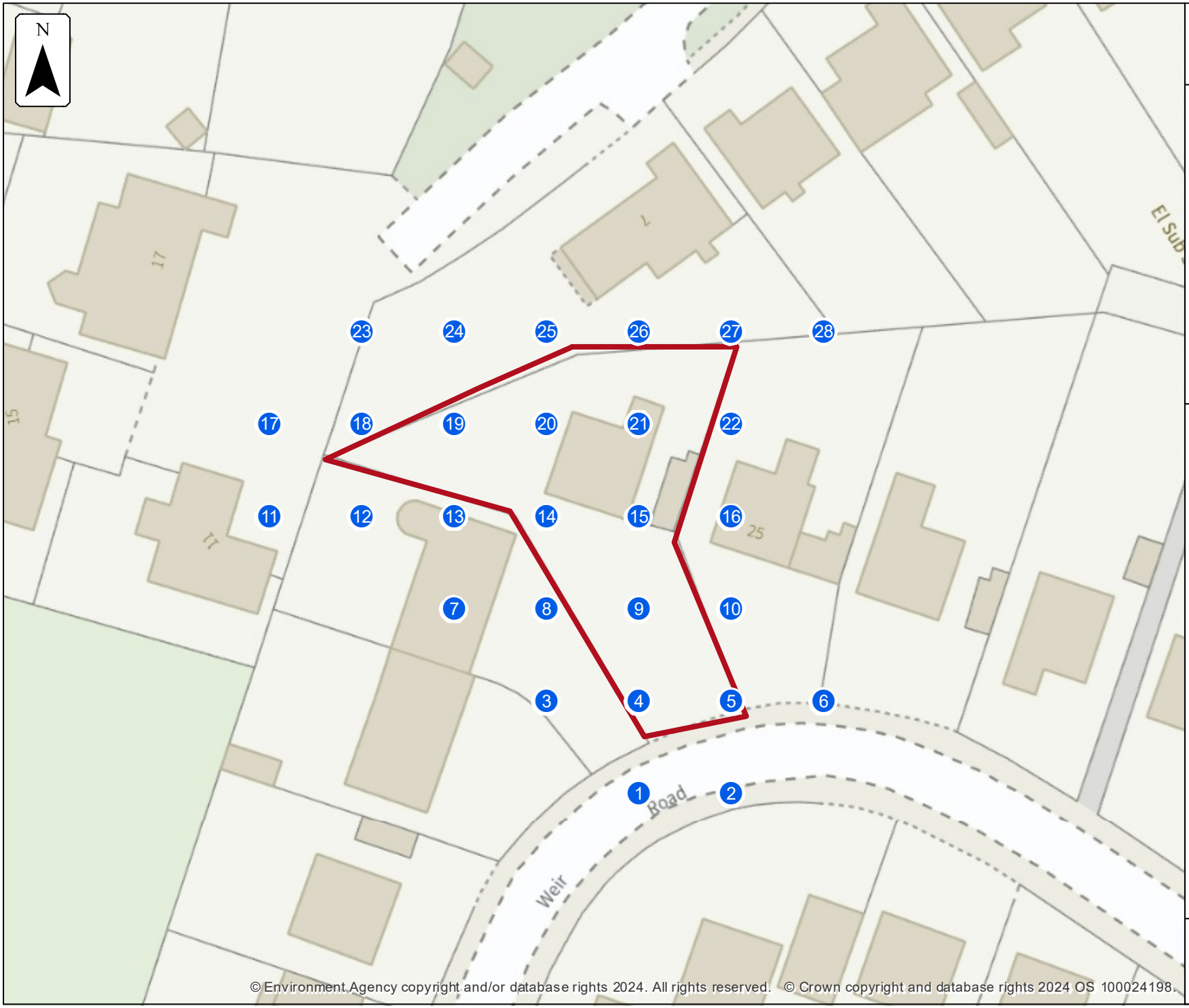
If no height or depth data is available for a scenario, no table will be shown.
'Max value in selected area' is the deepest depth or highest height at any location within your drawn boundary.

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Environment Agency

**Defended climate change modelled fluvial extent and height**

Location (easting/northing)
**529664/270418**

Scale
**1:500**

Created
**7 Oct 2024**

Model name
**EAn Lower Ouse Downstream 2015**

Selected area

Main river

Modelled 2D grid
*Water level in mAOD*

- 0 - 31
- 31 - 31.5
- 31.5 - 32
- 32 - 32.5
- 32.5 - 33
- 33 - 33.5
- 33.5 - 34
- 34 - 34.5
- 34.5 - 35

This map shows the 1.0% AEP +20% height data

0 5 10 15 20
metres

# Sample point data

## Defended climate change

| Label | Easting | Northing | 1% AEP (+20%) | 1% AEP (+20%) |
|---|---|---|---|---|
| | | | Depth | Height |
| 1 | 529668 | 270390 | NoData | NoData |
| 2 | 529677 | 270390 | NoData | NoData |
| 3 | 529659 | 270399 | NoData | NoData |
| 4 | 529668 | 270399 | NoData | NoData |
| 5 | 529677 | 270399 | NoData | NoData |
| 6 | 529686 | 270399 | NoData | NoData |
| 7 | 529650 | 270408 | NoData | NoData |
| 8 | 529659 | 270408 | NoData | NoData |
| 9 | 529668 | 270408 | NoData | NoData |
| 10 | 529677 | 270408 | NoData | NoData |
| 11 | 529632 | 270417 | NoData | NoData |
| 12 | 529641 | 270417 | NoData | NoData |
| 13 | 529650 | 270417 | NoData | NoData |
| 14 | 529659 | 270417 | NoData | NoData |
| 15 | 529668 | 270417 | NoData | NoData |
| 16 | 529677 | 270417 | NoData | NoData |

| Label | Easting | Northing | 1% AEP (+20%) | 1% AEP (+20%) |
|---|---|---|---|---|
| | | | Depth | Height |
| 17 | 529632 | 270426 | NoData | NoData |
| 18 | 529641 | 270426 | NoData | NoData |
| 19 | 529650 | 270426 | NoData | NoData |
| 20 | 529659 | 270426 | NoData | NoData |
| 21 | 529668 | 270426 | NoData | NoData |
| 22 | 529677 | 270426 | NoData | NoData |
| 23 | 529641 | 270435 | NoData | NoData |
| 24 | 529650 | 270435 | NoData | NoData |
| 25 | 529659 | 270435 | NoData | NoData |
| 26 | 529668 | 270435 | NoData | NoData |
| 27 | 529677 | 270435 | NoData | NoData |
| 28 | 529686 | 270435 | NoData | NoData |
| Max value in selected area: | | | NoData | NoData |

Data in this table comes from the EAn Lower Ouse Downstream 2015 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.
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If no height or depth data is available for a scenario, no table will be shown.
'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 Huntingdonshire.

## 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 East Anglia Environment Agency team at enquiries_eastanglia@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