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**Key:**  
 London Borough of Westminster

**Digital Terrain Model (2m)**

Elevation

	<= 3.29
	3.29 - 4.32
	4.32 - 5.48
	5.48 - 7.22
	7.22 - 12.60
	12.60 - 17.71
	17.71 - 23.06
	23.06 - 29.34
	29.34 - 37.07
	> 37.07

P01	07/02/23	SL	FIRST ISSUE	NB	NB
REV	DATE	BY	DESCRIPTION	CHK	APP

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**A - AUTHORISED AND ACCEPTED**



Mountbatten House, Basing View, Basingstoke, RG21 4HJ  
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CLIENT:  
 Westminster City Council

PROJECT:  
 Westminster Strategic Flood Risk Assessment

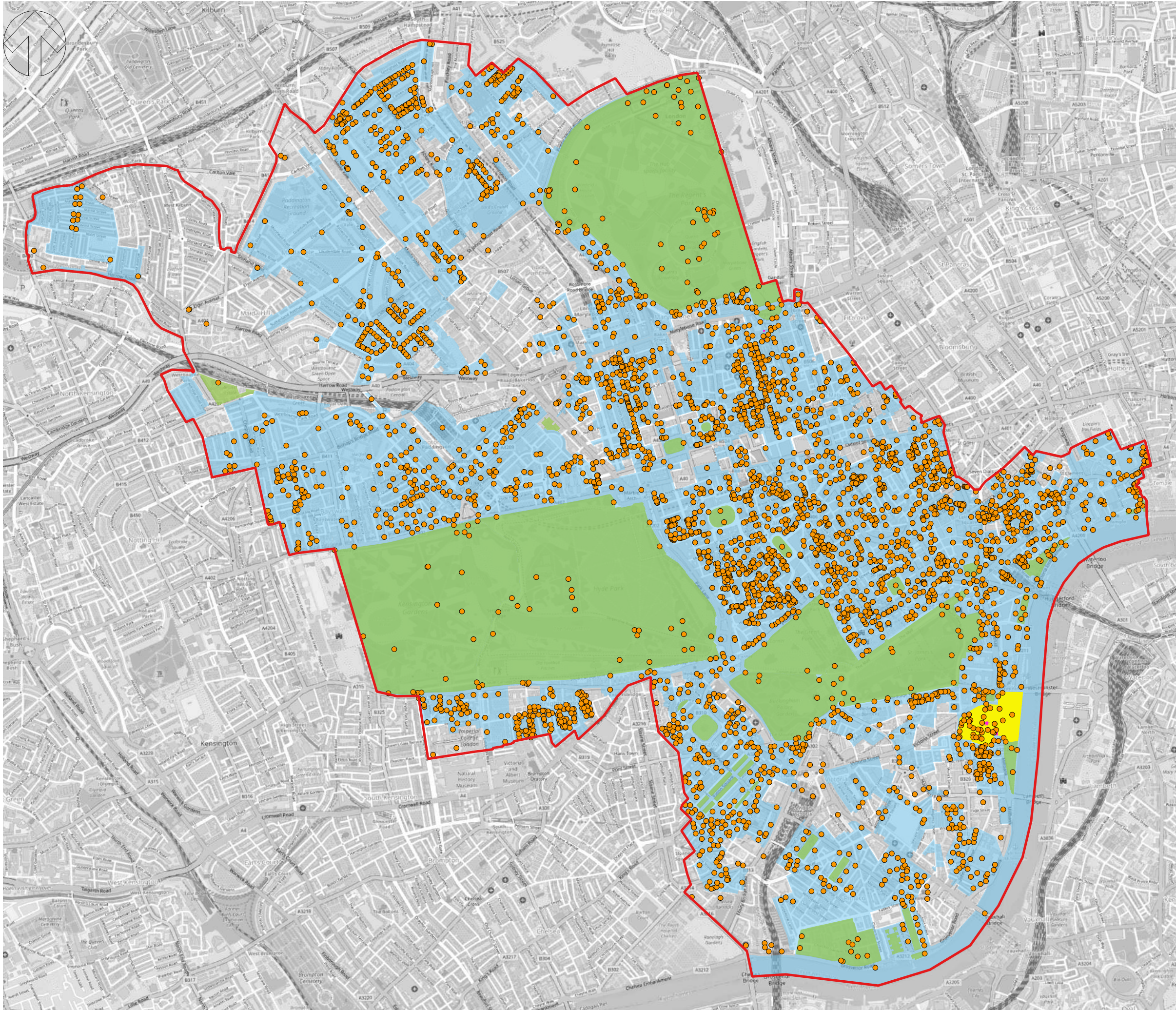
TITLE:  
 Figure A-1: Topography

DRAWN: SL	CHECKED: NB	APPROVED: NB
PROJECT No: 70096742	SCALE @A3: 1:25,000	DATE: 04/07/2023

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**Key:**

- Listed Buildings
- Scheduled Monuments
- World Heritage Sites
- Registered Parks and Gardens
- Conservation Areas
- London Borough of Westminster

OSM Standard

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PROJECT:  
**Westminster Strategic Flood Risk Assessment**

TITLE:  
**Figure A-2: Heritage Features**

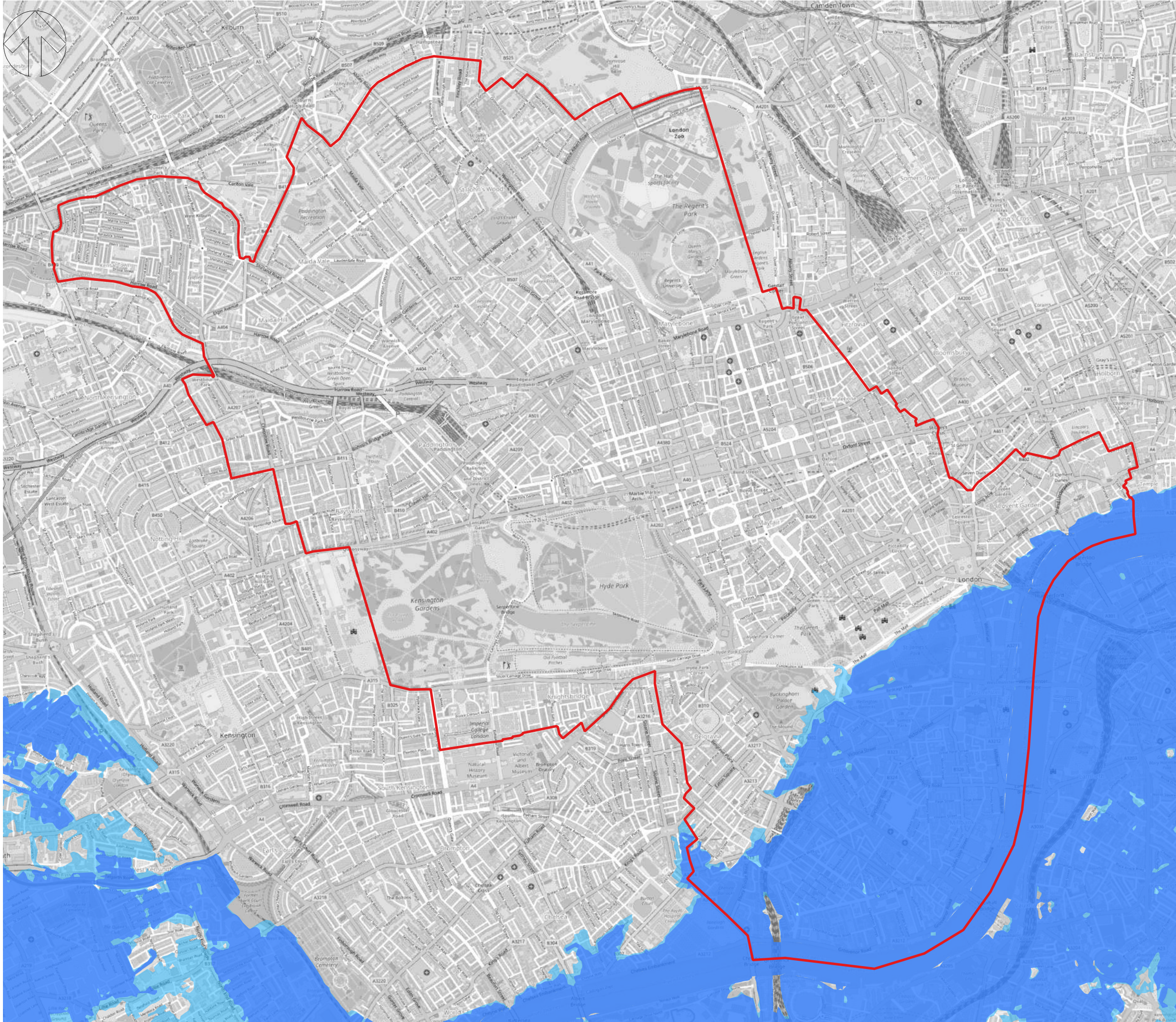
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**Key:**

London Borough of Westminster

**Flood Map for Planning Rivers and Sea**

Flood Zone 2

Flood Zone 3

OSM Standard

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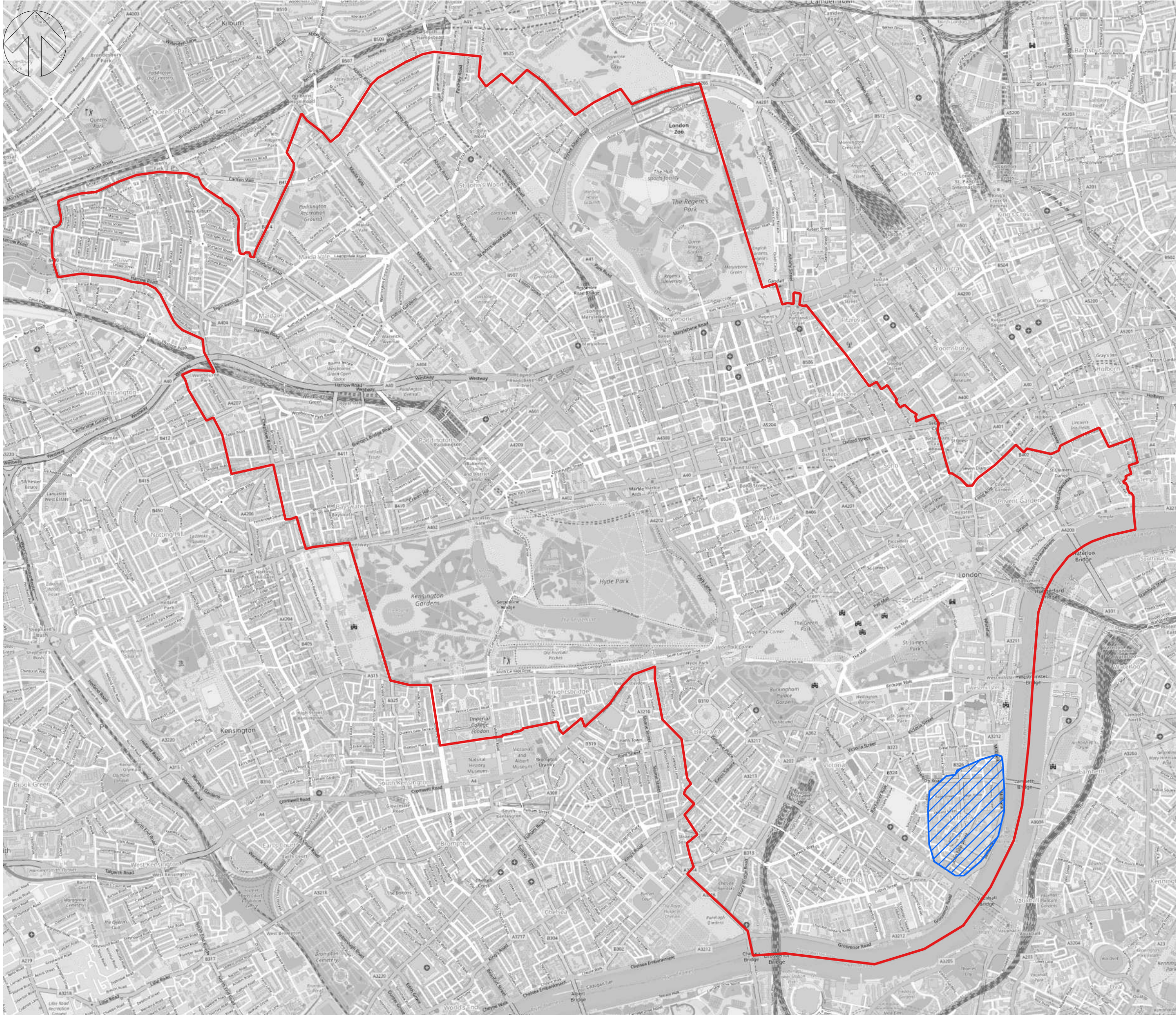
**TITLE:**  
 Figure A-3: Flood Zones

<b>DRAWN:</b> SL	<b>CHECKED:</b> NB	<b>APPROVED:</b> NB
<b>PROJECT No:</b> 70096742	<b>SCALE @A3:</b> 1:25,000	<b>DATE:</b> 04/07/2023

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**Key:**  
 Historic Flood Map - 1928 Flood Extent  
 London Borough of Westminster  
 OSM Standard

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**TITLE:**  
 Figure A-4: 1928 Flood Extent

<b>DRAWN:</b> SL	<b>CHECKED:</b> NB	<b>APPROVED:</b> NB
<b>PROJECT No:</b> 70096742	<b>SCALE @A3:</b> 1:25,000	<b>DATE:</b> 04/07/2023

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**Key:**  
 London Borough of Westminster  
 Maximum Tidal Breach  
 OSM Standard

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**PROJECT:**  
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**TITLE:**  
 Figure A-5: Maximum Tidal Beach Flood Extent Present Day

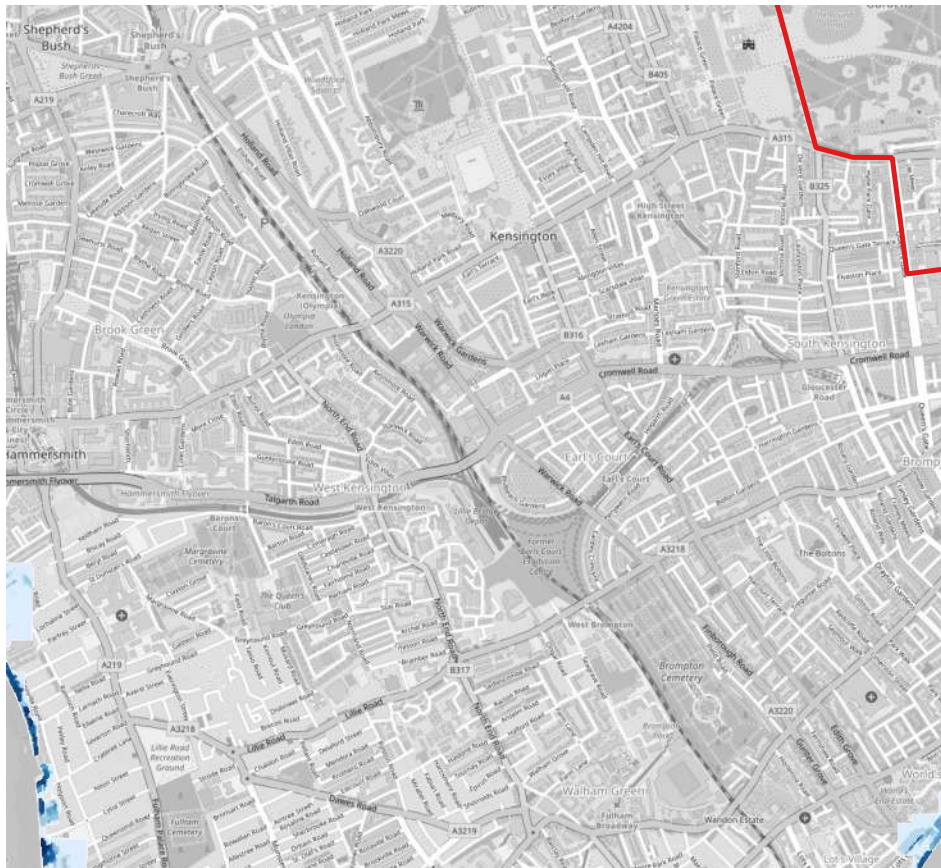
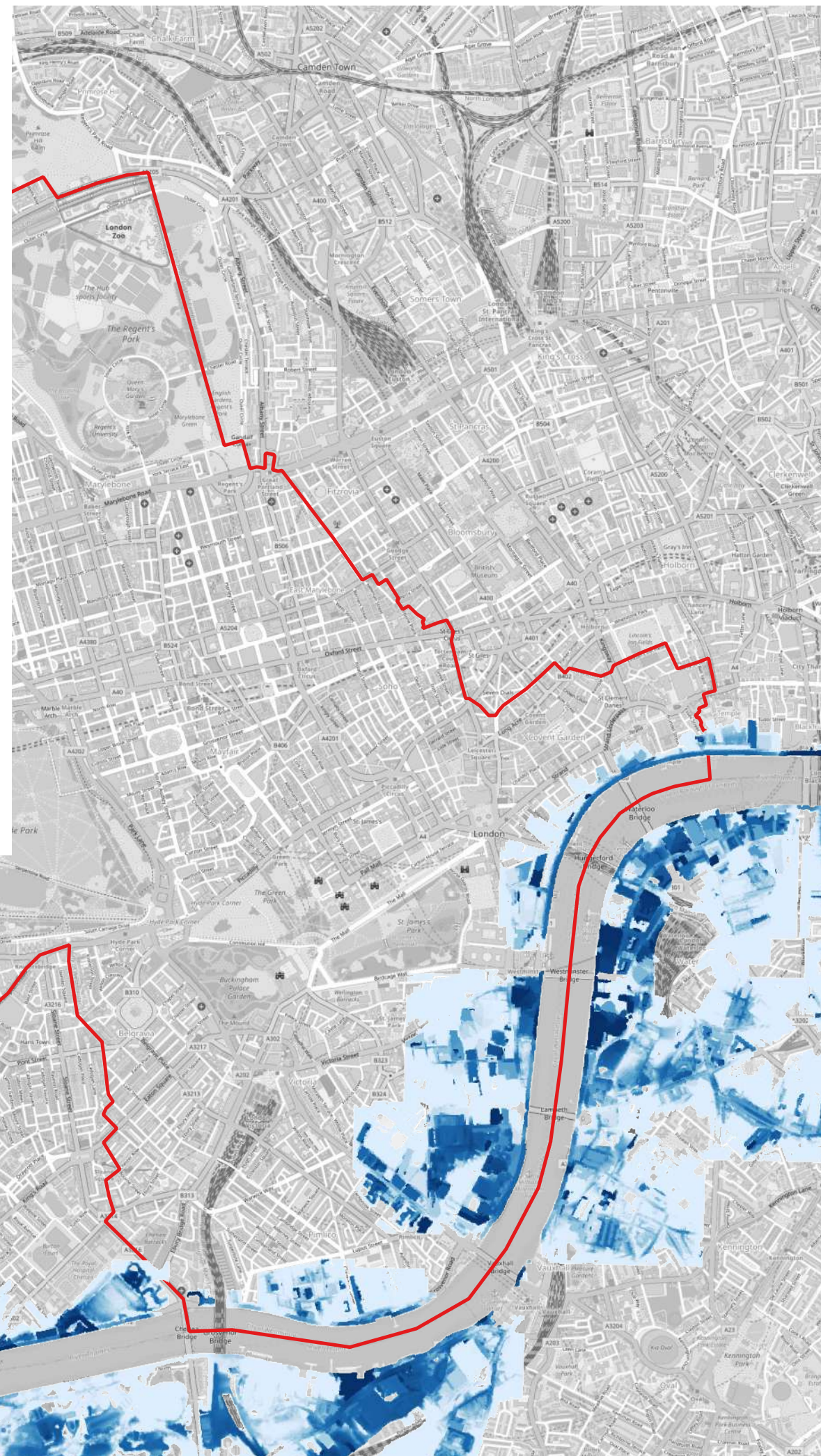
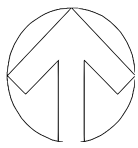
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**Key:**

**Tidal Breach Flood Depth (Meters)**

2.12  
0

London Borough of Westminster

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PROJECT:  
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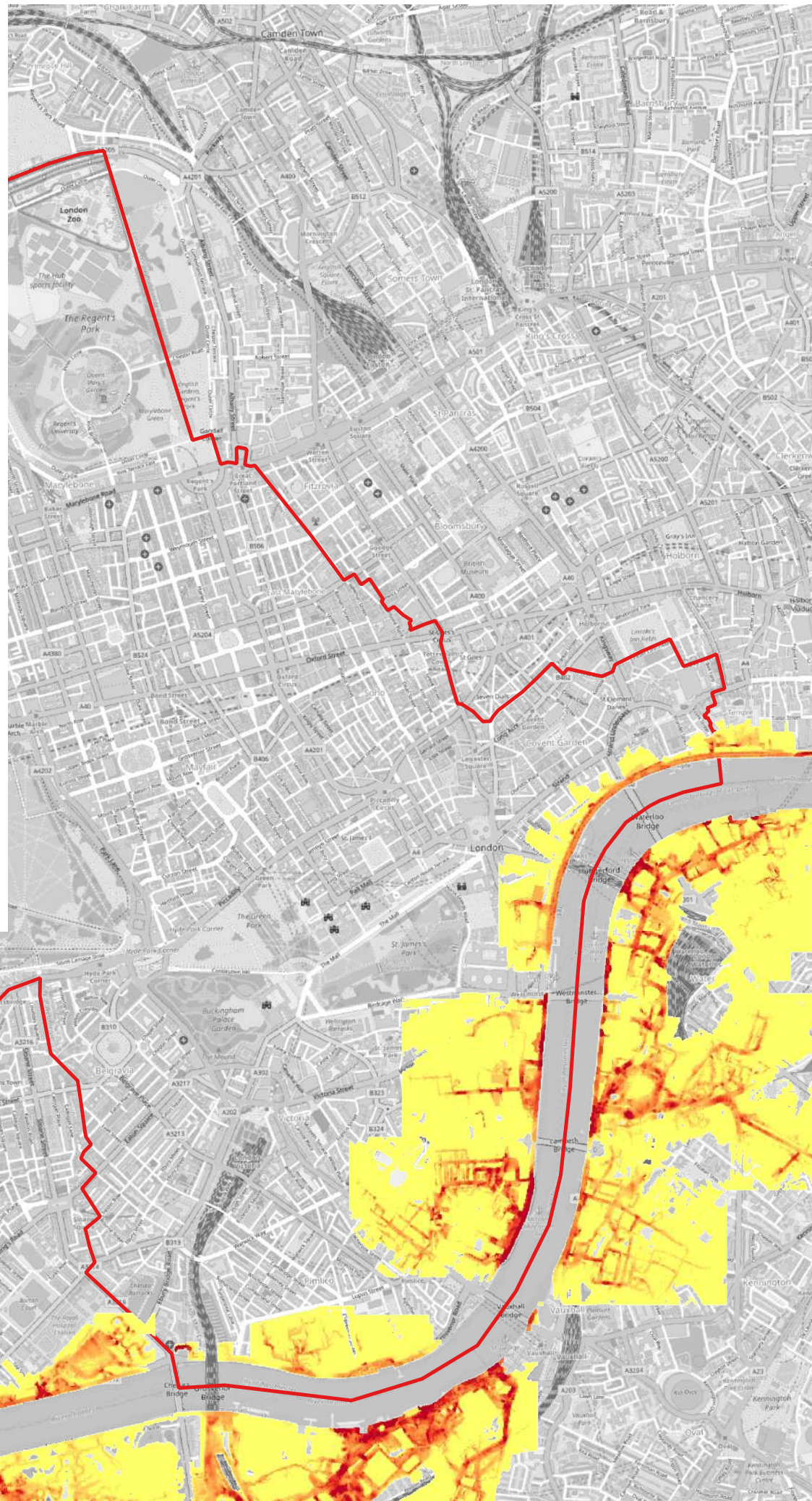
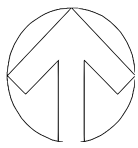
TITLE:  
**Figure A-6: Maximum Tidal Beach Flood Depth Present Day**

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**Key:**

**Tidal Breach Flood Velocity (m/s)**

1.36  
0

London Borough of Westminster

OSM Standard

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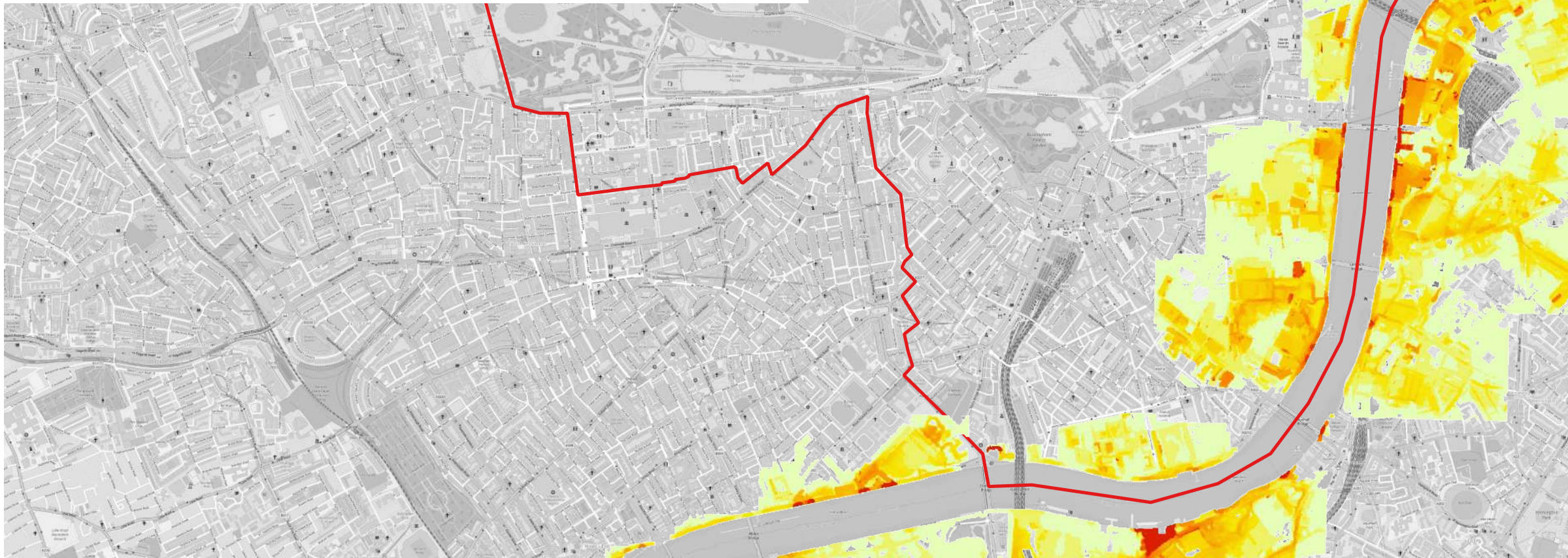
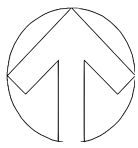
**TITLE:**  
 Figure A-7: Maximum Tidal Beach Flood Velocity Present Day

<b>DRAWN:</b> SL	<b>CHECKED:</b> NB	<b>APPROVED:</b> NB
<b>PROJECT No:</b> 70096742	<b>SCALE @A3:</b> 1:26,000	<b>DATE:</b> 04/07/2023

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**Key:**

London Borough of Westminster

**OSM Standard**

**Tidal Breach Flood Hazard**

- 0-0.75 Low Hazard
- 0.75-1.25 Danger for Some
- 1.25-2.5 Danger for Most
- 2.0-3.26 Danger for All

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PROJECT:  
**Westminster Strategic Flood Risk Assessment**

TITLE:  
**Figure A-8: Maximum Tidal Beach Flood Hazard Present Day**

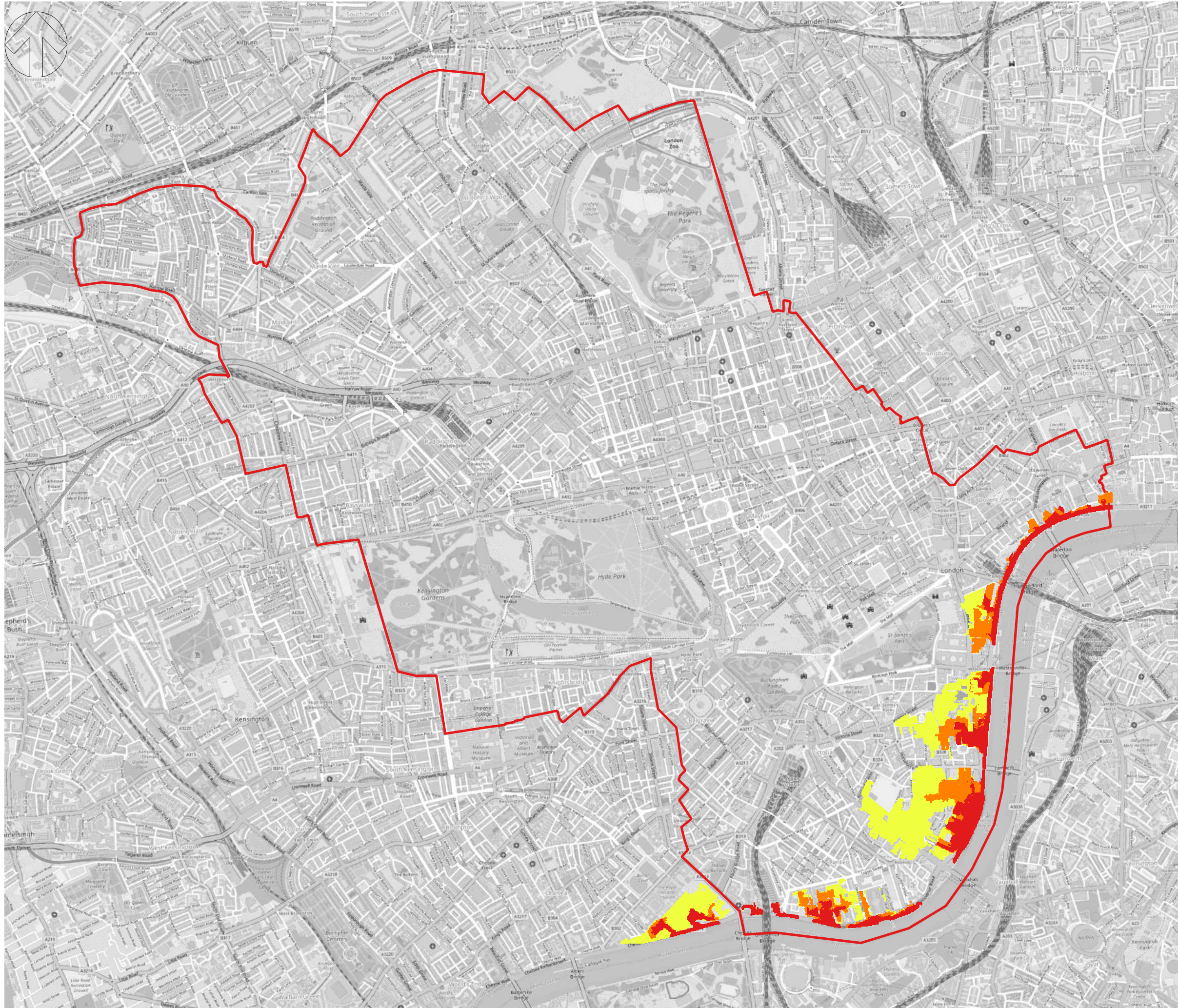
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**Key:**  
**Rapid Inundation Zones**  
 0 -30 Minutes  
 31 - 60 Minutes  
 >60 Minutes  
 London Borough of Westminster

OSM Standard

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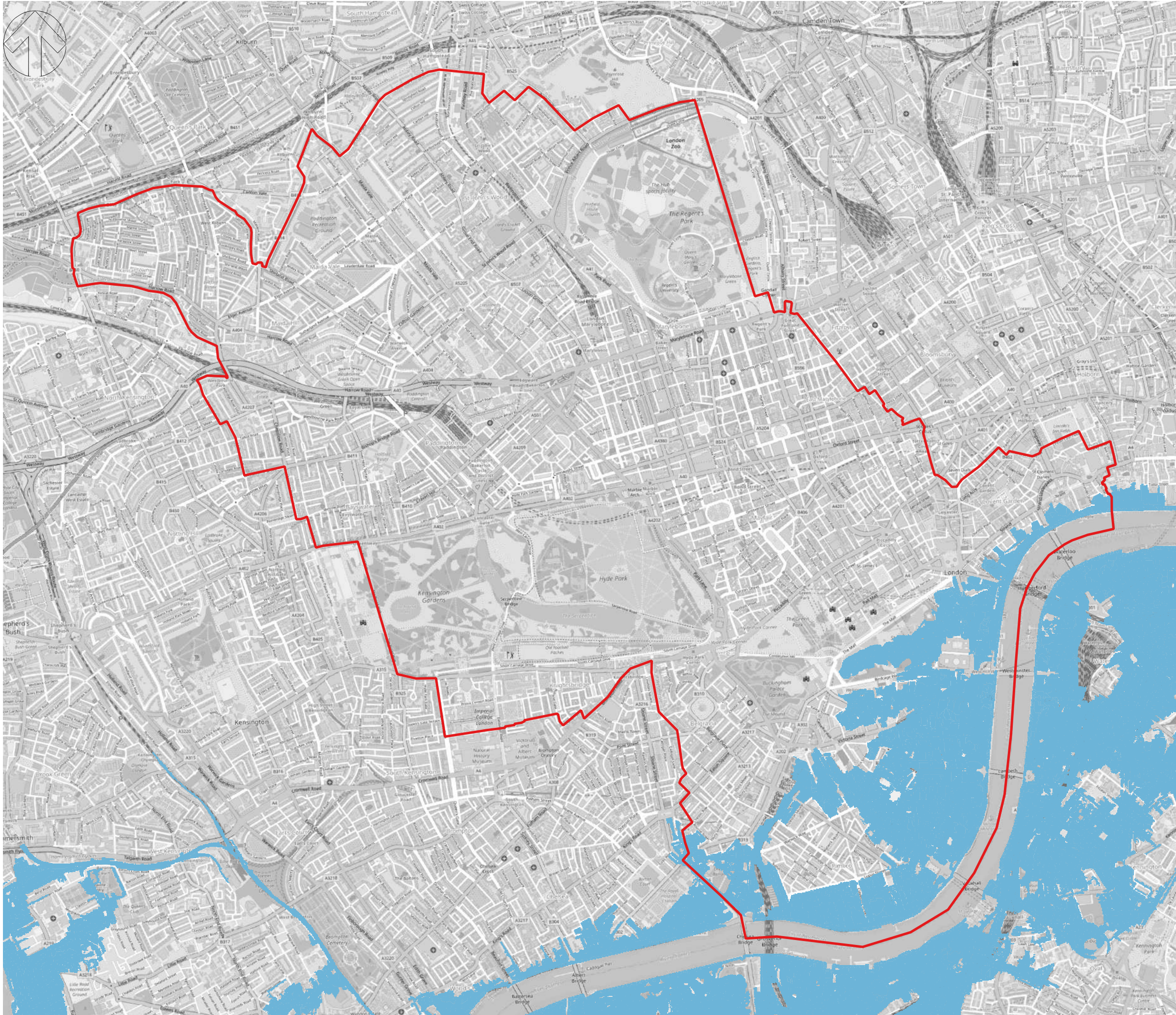
**TITLE:**  
 Figure A-9: Rapid Inundation Zones

<b>DRAWN:</b> SL	<b>CHECKED:</b> NB	<b>APPROVED:</b> NB
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**Key:**

- Maximum Tidal Breach Flood Extent 2100
- London Borough of Westminster

OSM Standard

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**TITLE:**  
 Figure A-10: Maximum Tidal Breach Flood Extent 2100

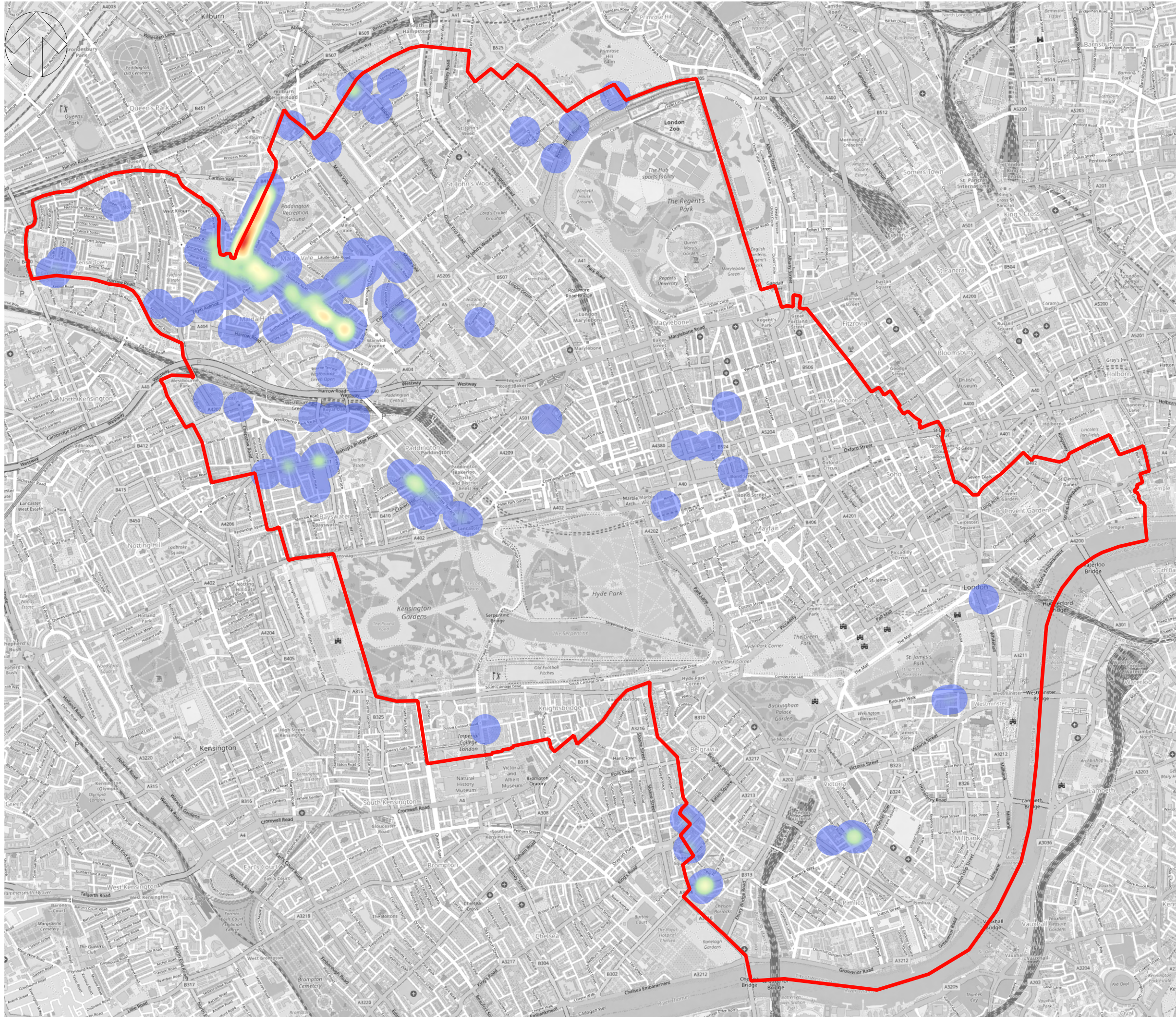
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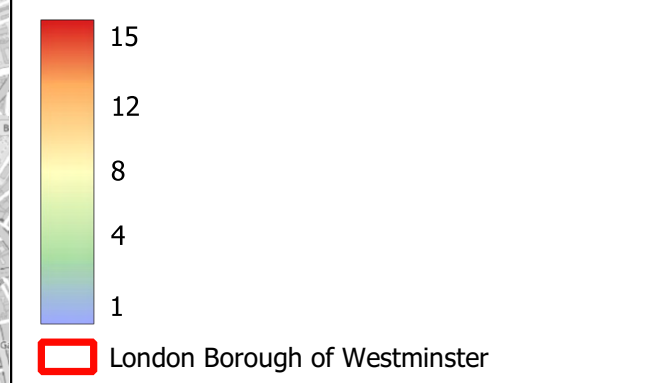


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**Key:**  
 July 2021 Flood Events - Number of Properties Affected



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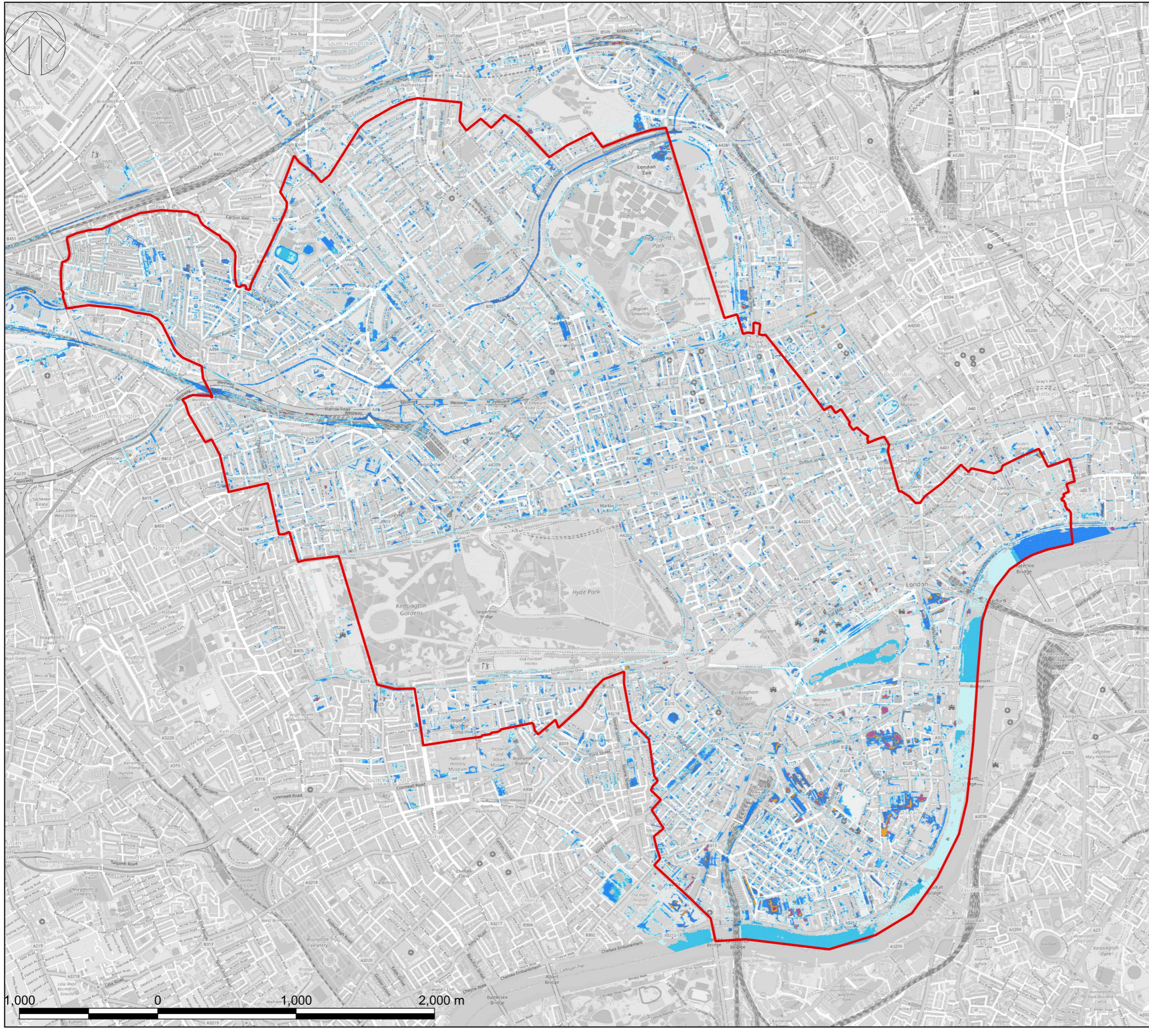
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**PROJECT:**  
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**TITLE:**  
 Figure A-11: July 2021 Flood Events

<b>DRAWN:</b> SL	<b>CHECKED:</b> NB	<b>APPROVED:</b> NB
<b>PROJECT No:</b> 70096742	<b>SCALE:</b> @A3:24,000	<b>DATE:</b> 04/07/2023

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**Key:**

- London Borough of Westminster
- 1:30 year (3.33% AEP) Flood Depth (with High Tide)**
- 0.01 - 0.05m
- 0.05 - 0.1m
- 0.1 - 0.3m
- 0.3 - 0.6m
- 0.6 - 1m
- 1.0 - 1.2m
- Over 1.2m

Depths below 0.01m not shown.

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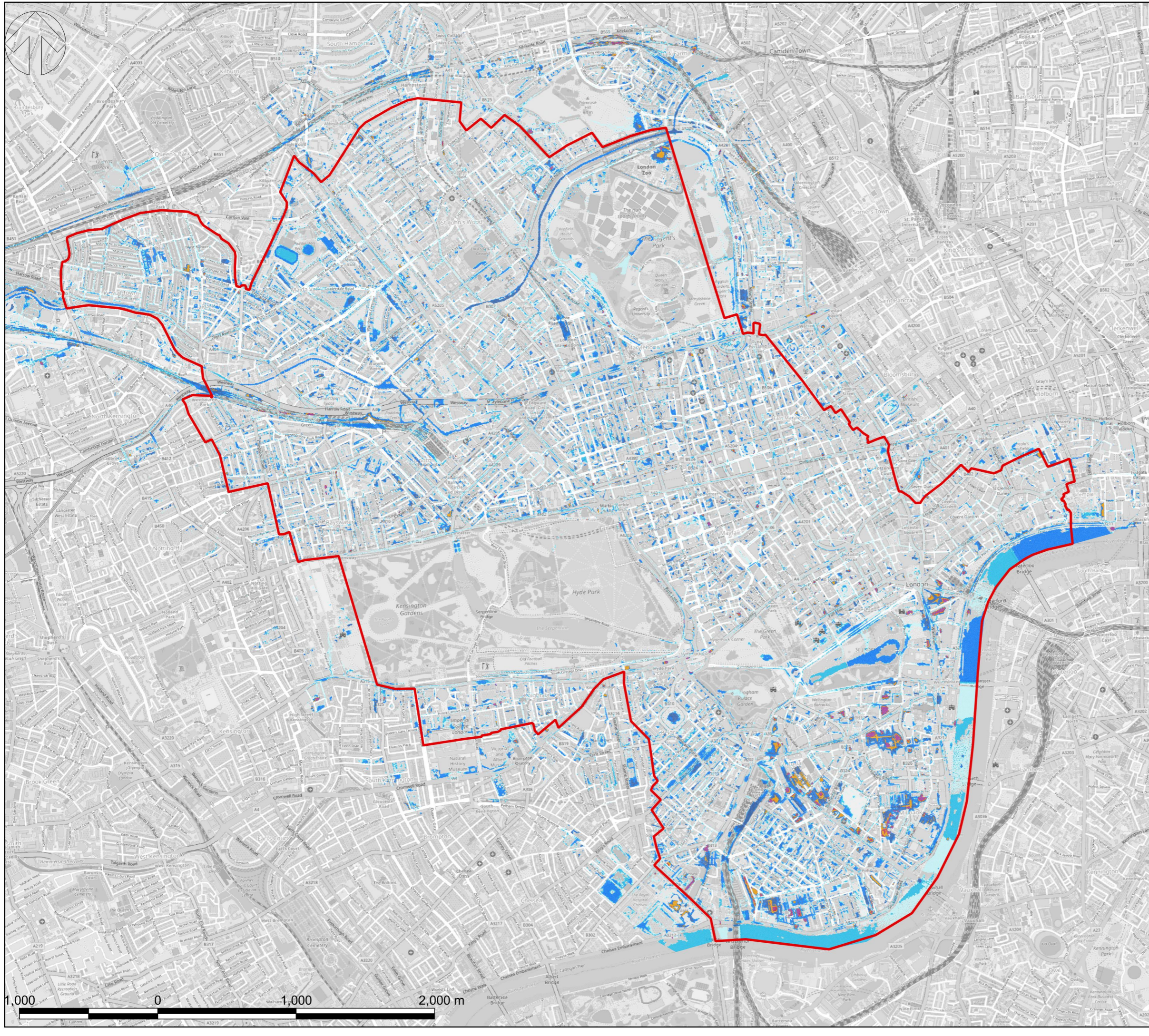
**TITLE:**  
 Figure A-12: 1:30 year Flood Depth (with High Tide)

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<b>PROJECT No:</b> 70096742-007	<b>SCALE @A3:</b> 1:26,000.000027	<b>DATE:</b> 17/10/2024

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**Key:**

- London Borough of Westminster
- 1:100 year (1% AEP) Flood Depth (with High Tide)**
- 0.01 - 0.05m
- 0.05 - 0.1m
- 0.1 - 0.3m
- 0.3 - 0.6m
- 0.6 - 1m
- 1.0 - 1.2m
- Over 1.2m

Depths below 0.01m not shown.

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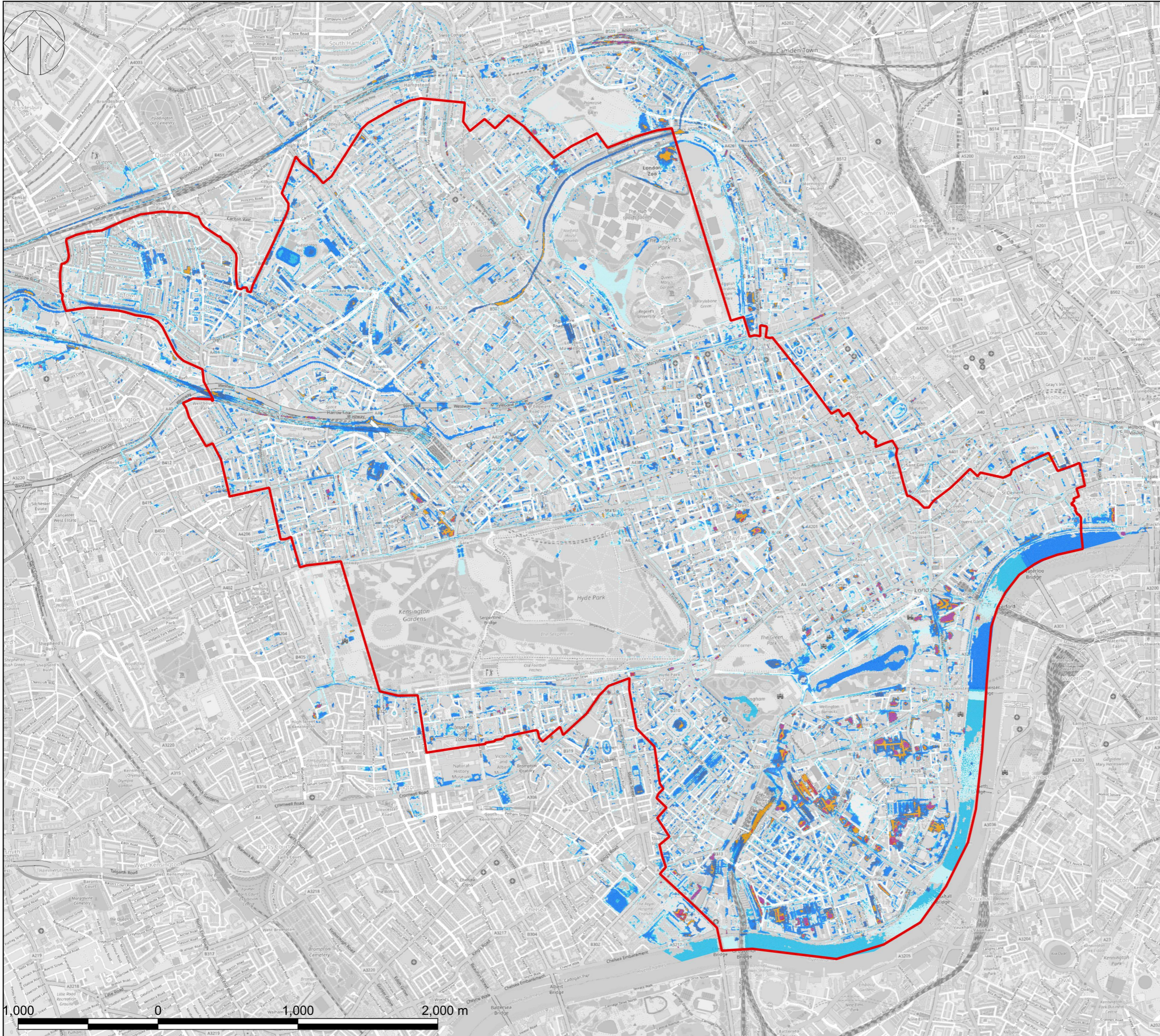
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 Figure A-13: 1:100 year Flood Depth (with High Tide)

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**Key:**

London Borough of Westminster

**1:100 year (1% AEP) plus 40% Climate Change Flood Depth (with High Tide)**

- 0.01 - 0.05m
- 0.05 - 0.1m
- 0.1 - 0.3m
- 0.3 - 0.6m
- 0.6 - 1m
- 1.0 - 1.2m
- Over 1.2m

Depths below 0.01m not shown.

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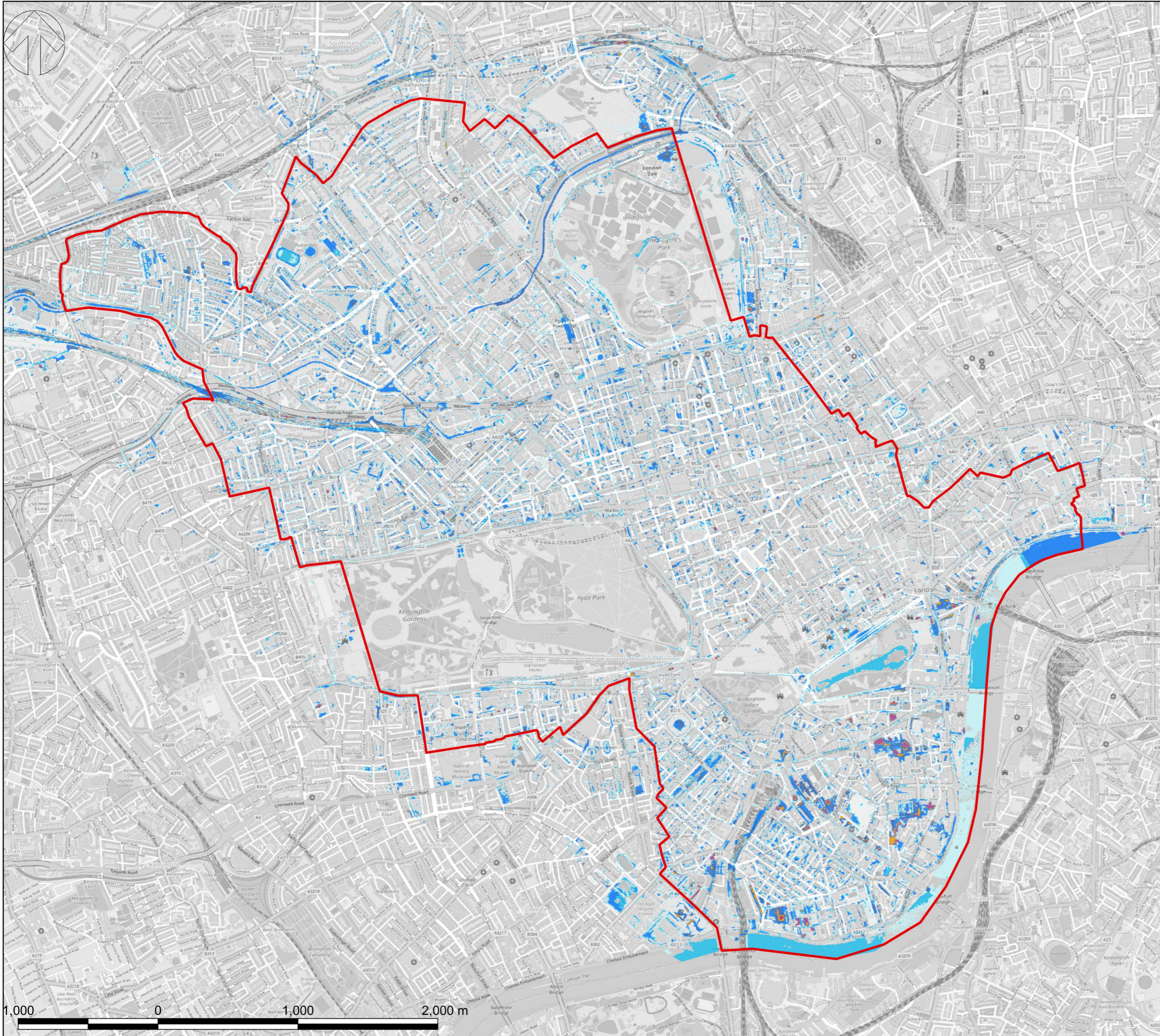
**TITLE:**  
 Figure A-14: 1:100 year plus 40% Climate Change Flood Depth (with High Tide)

<b>DRAWN:</b> SL	<b>CHECKED:</b> BV	<b>APPROVED:</b> BV
<b>PROJECT No:</b> 70096742-007	<b>SCALE @A3:</b> 1:26,000.000027	<b>DATE:</b> 17/10/2024

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**Key:**

- London Borough of Westminster
- 1:30 year (3.33% AEP) Flood Depth**
- 0.01 - 0.05m
- 0.05 - 0.1m
- 0.1 - 0.3m
- 0.3 - 0.6m
- 0.6 - 1m
- 1.0 - 1.2m
- Over 1.2m

Depths below 0.01m not shown.

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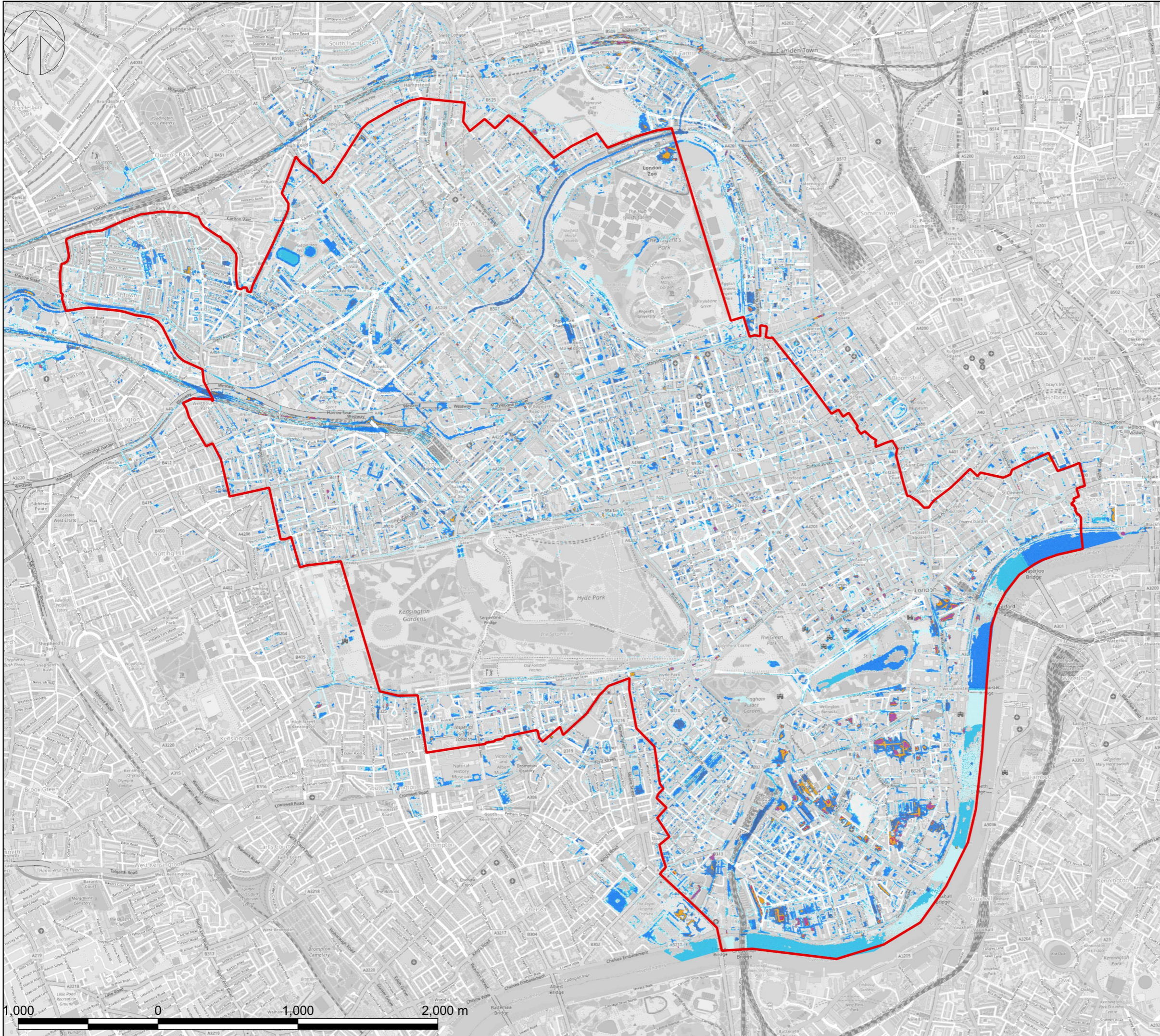
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 Figure A-15: 1:30 year Flood Depth

<b>DRAWN:</b>	<b>CHECKED:</b>	<b>APPROVED:</b>
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**Key:**

- London Borough of Westminster
- 1:100 year (1% AEP) Flood Depth**
- 0.01 - 0.05m
- 0.05 - 0.1m
- 0.1 - 0.3m
- 0.3 - 0.6m
- 0.6 - 1m
- 1.0 - 1.2m
- Over 1.2m

Depths below 0.01m not shown.

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**TITLE:**  
 Figure A-16: 1:100 year Flood Depth

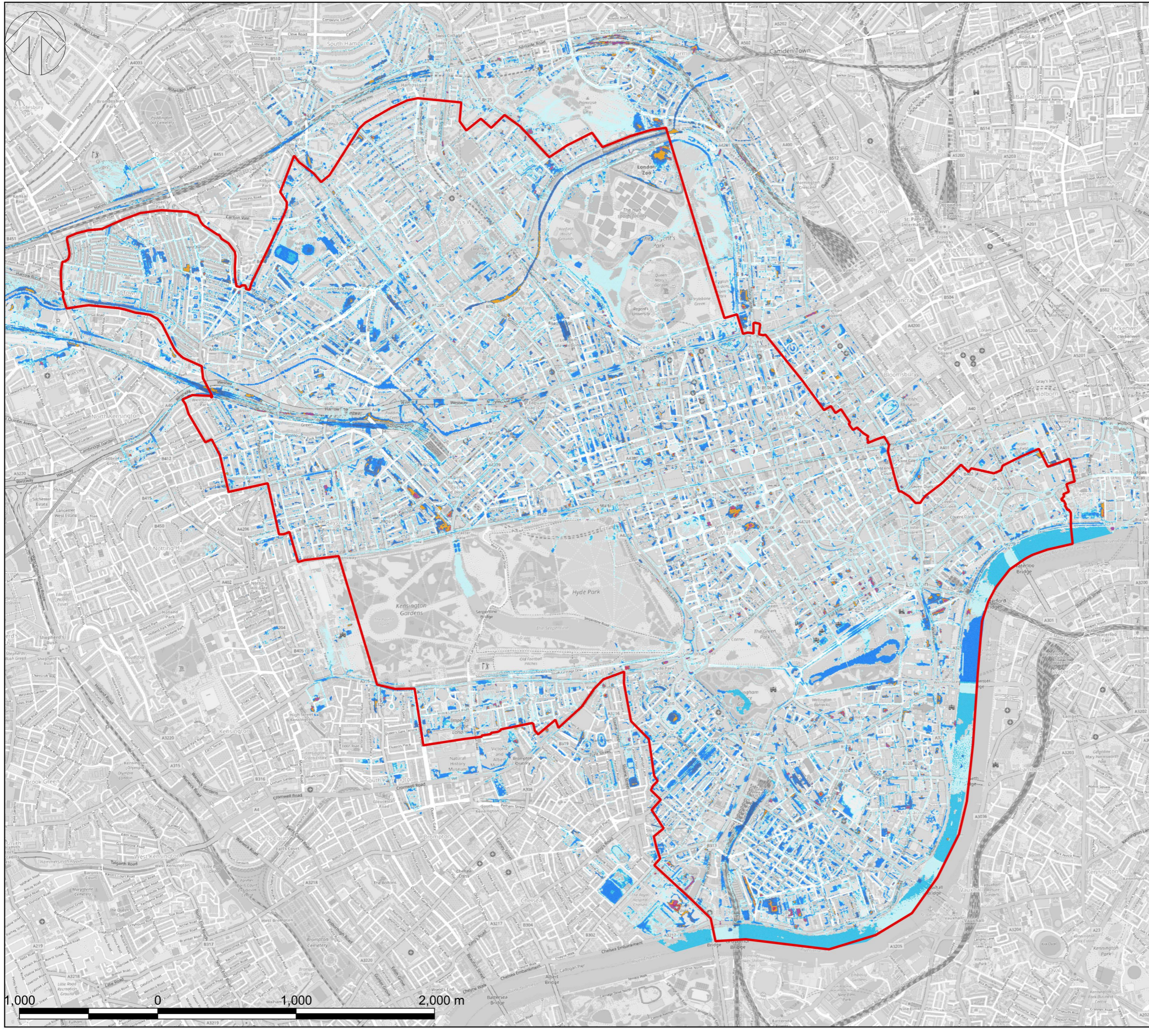
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**Key:**

- London Borough of Westminster
- 1:100 year (1% AEP) plus 40% Climate Change Flood Depth**
- 0.01 - 0.05m
- 0.05 - 0.1m
- 0.1 - 0.3m
- 0.3 - 0.6m
- 0.6 - 1m
- 1.0 - 1.2m
- Over 1.2m

Depths below 0.01m not shown.

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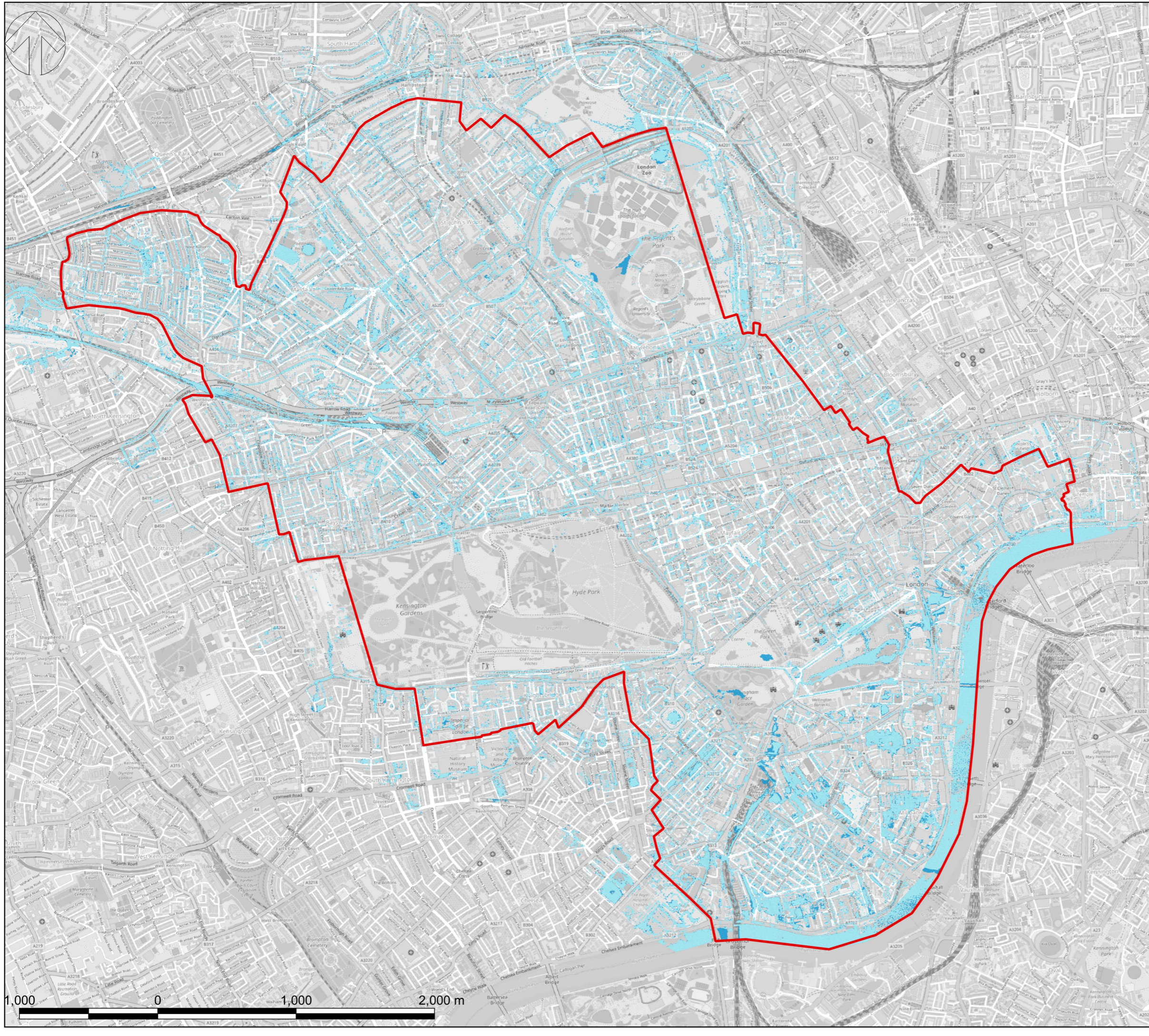
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 Figure A-17: 1:100 year plus 40% Climate Change Flood Depth

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**Key:**

- London Borough of Westminster
- 1:30 year (3.33% AEP) Flood Extent (with High Tide)
- 1:100 year (1% AEP) Flood Extent (with High Tide)

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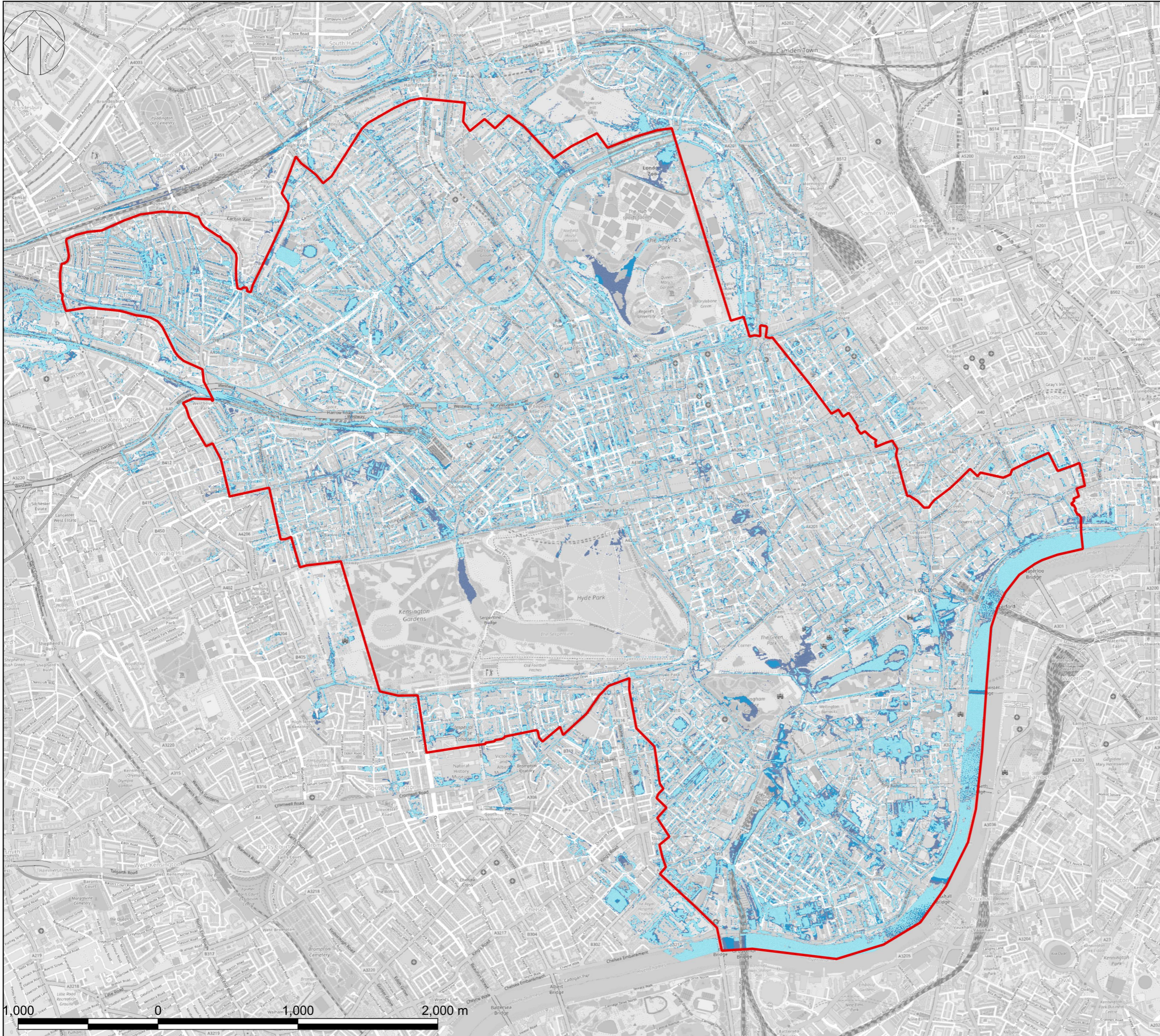
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 Figure A-18: Surface Water Flood Extents (with High Tide)

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- Key:**
- London Borough of Westminster
  - 1:30 year (3.33% AEP) Flood Extent
  - 1:100 year (1% AEP) Flood Extent
  - 1:1000 year (0.1% AEP) Flood Extent

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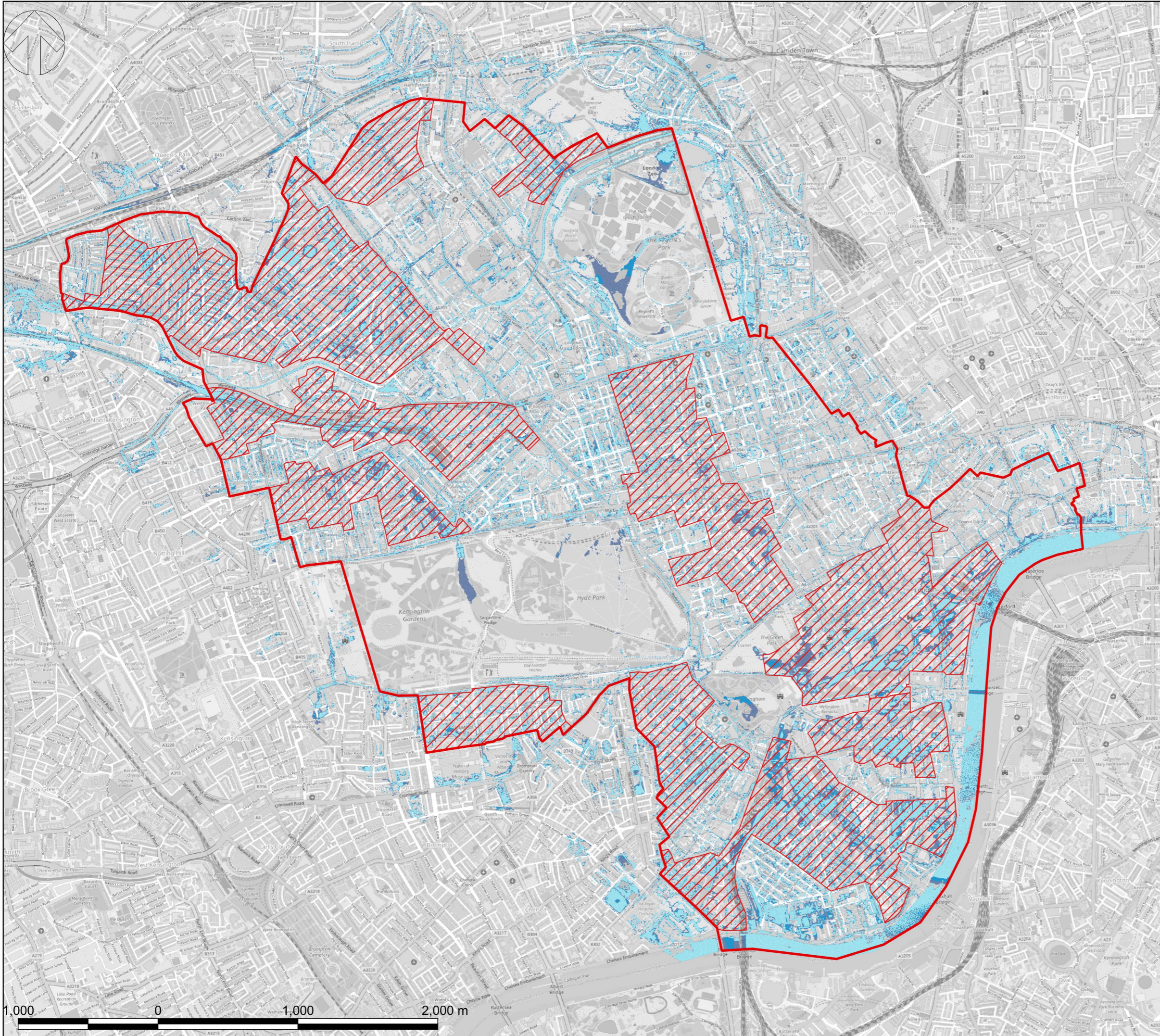
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 Figure A-19: Surface Water Flood Extents

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<b>PROJECT No:</b> 70096742-007	<b>SCALE @A3:</b> 1:26,000.000027	<b>DATE:</b> 17/10/2024

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**Key:**

- London Borough of Westminster
- Surface Water Management Zones
- 1:30 year (3.33% AEP) Flood Extent
- 1:100 year (1% AEP) Flood Extent
- 1:1000 year (0.1% AEP) Flood Extent

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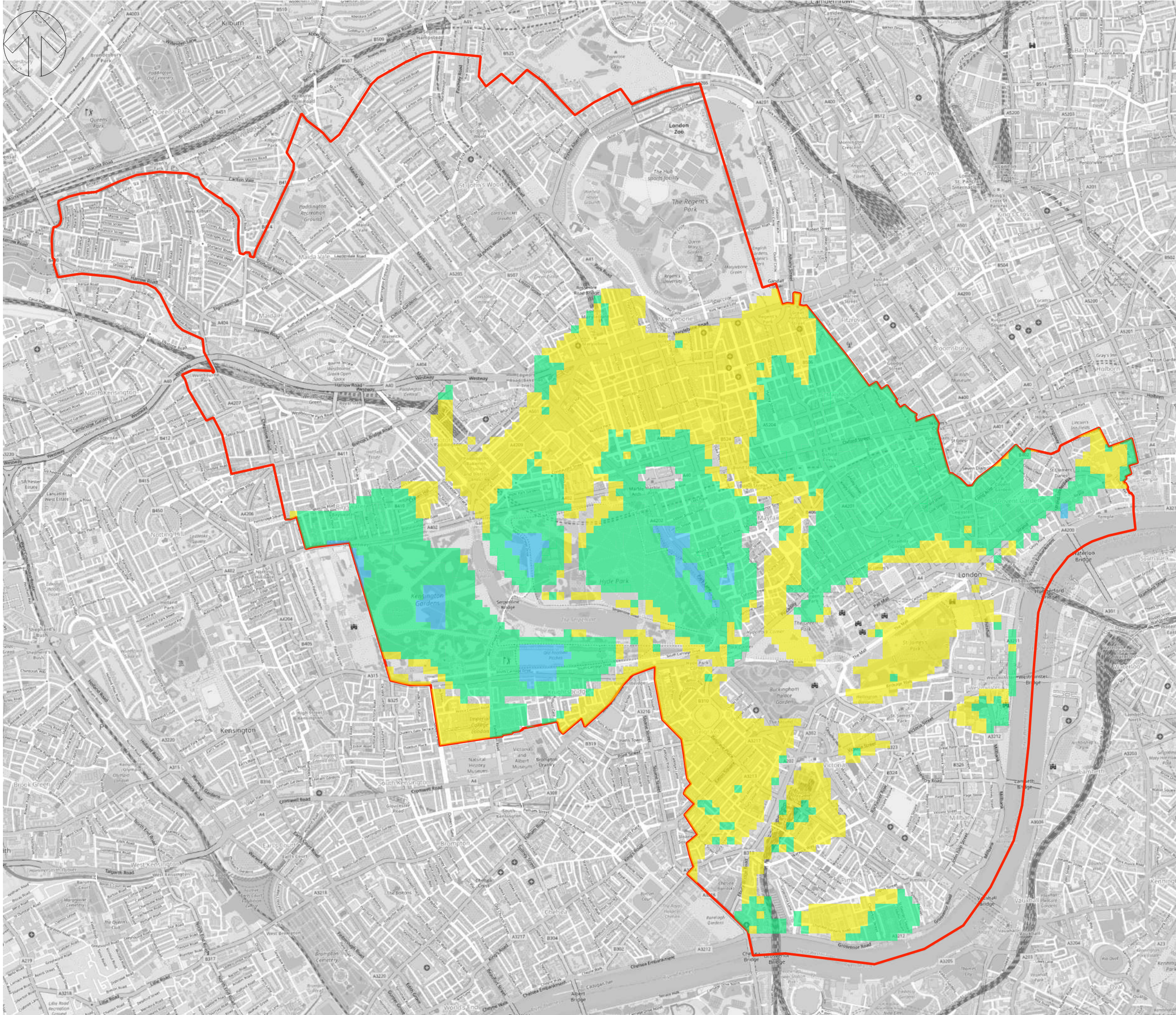
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 Figure A-20: Surface Water Management Zones

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- London Borough of Westminster
  - Limited potential for groundwater flooding to occur
  - Potential for groundwater flooding of property situated below ground level
  - Potential for groundwater flooding to occur at surface

OSM Standard

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PROJECT:  
**Westminster Strategic Flood Risk Assessment**

TITLE:  
**Figure A-21: Groundwater Flood Risk**

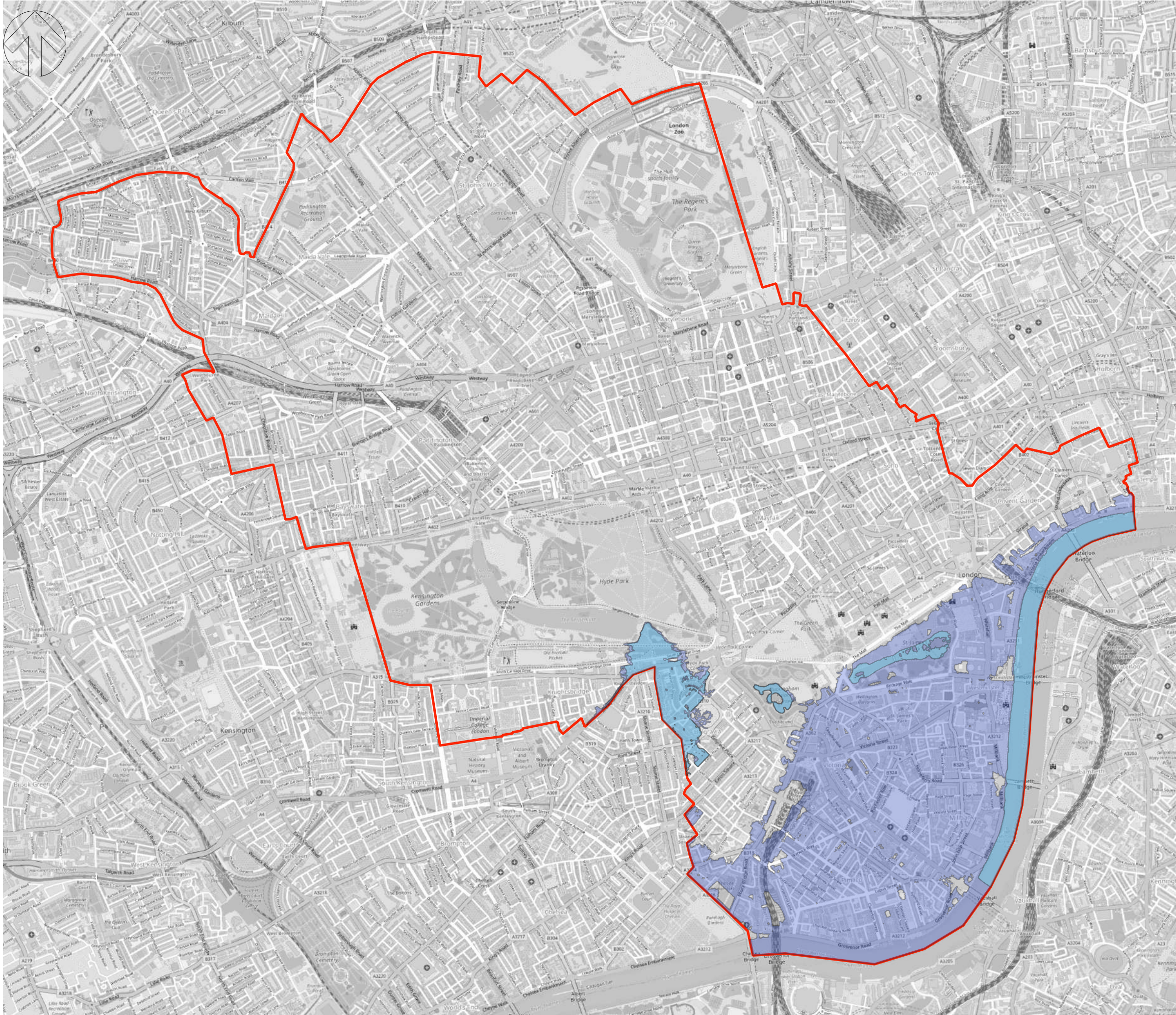
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**Key:**

- Dry-day Scenario
- Wet-day Scenario
- London Borough of Westminster

**OSM Standard**

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**TITLE:**  
 Figure A-22: Reservoir Flood Maps

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