

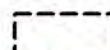


# West Sussex SFRA

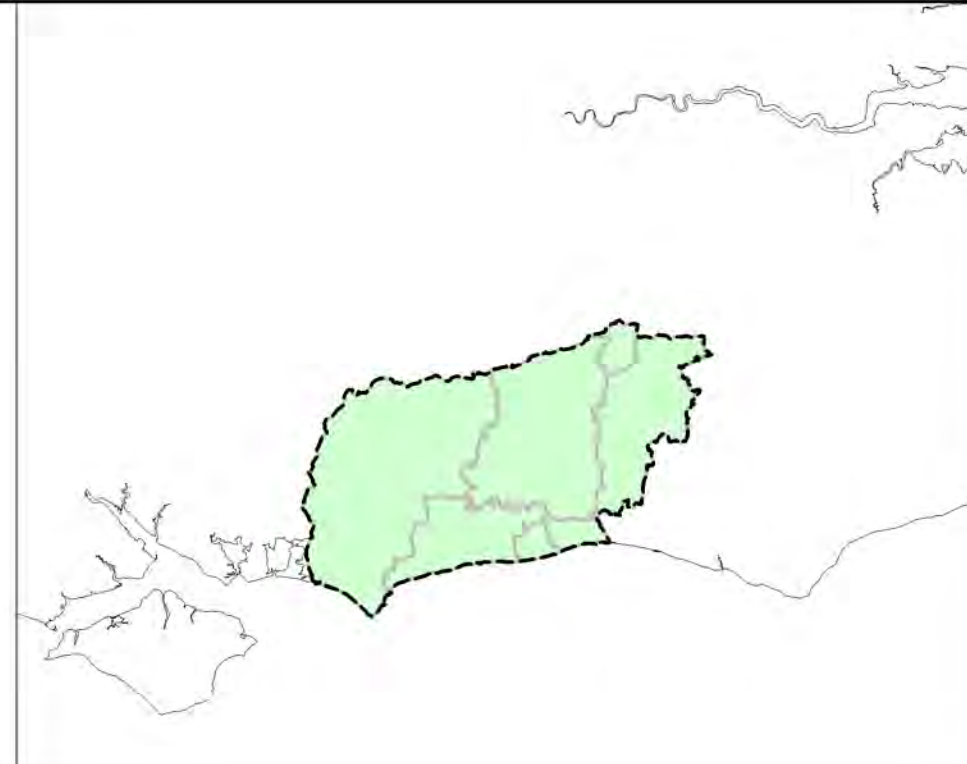
Map A1-F - Actual and Residual Flooding from Rivers (extents)



**CAPITA SYMONDS**

**Legend**

-  West Sussex County Boundary
-  Defended Fluvial Flood Risk (1% AEP)
-  Defended Fluvial Flood Risk (0.1% AEP)



Scale at A1 1: 120,000

Date 05/05/2009



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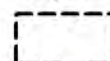


# West Sussex SFRA

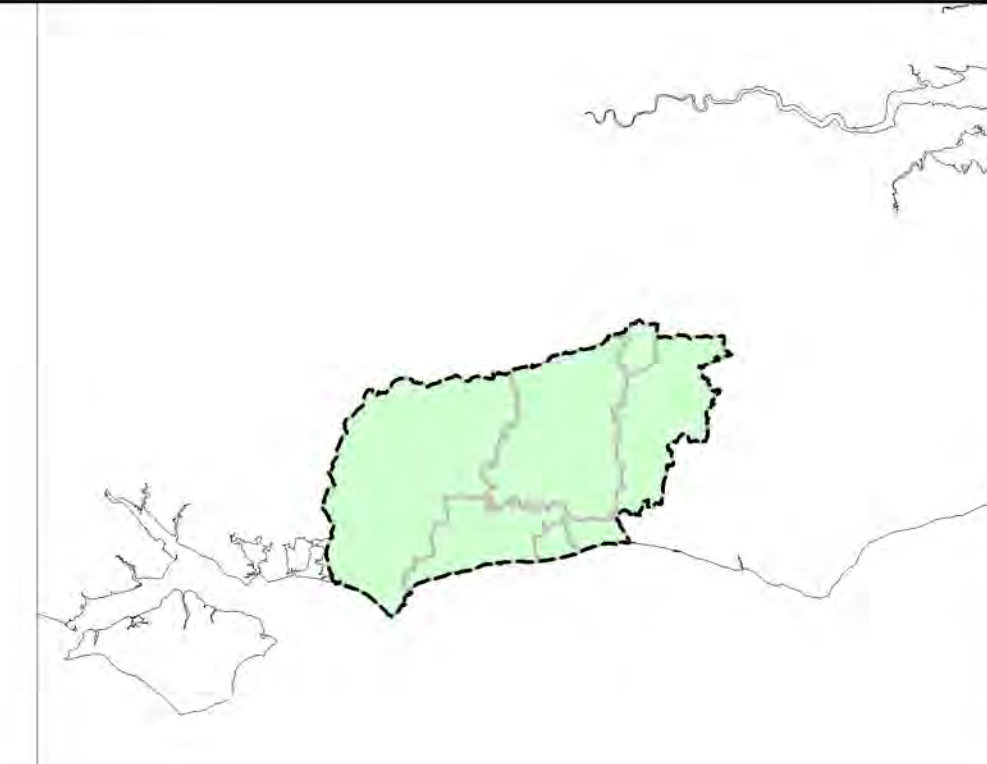
Map A1-T - Actual and Residual Flooding from the Sea ( extents)



**CAPITA SYMONDS**

**Legend**

-  West Sussex County Boundary
-  Defended Tidal Flood Risk (0.5% AEP)
-  Defended Tidal Flood Risk (0.1% AEP)

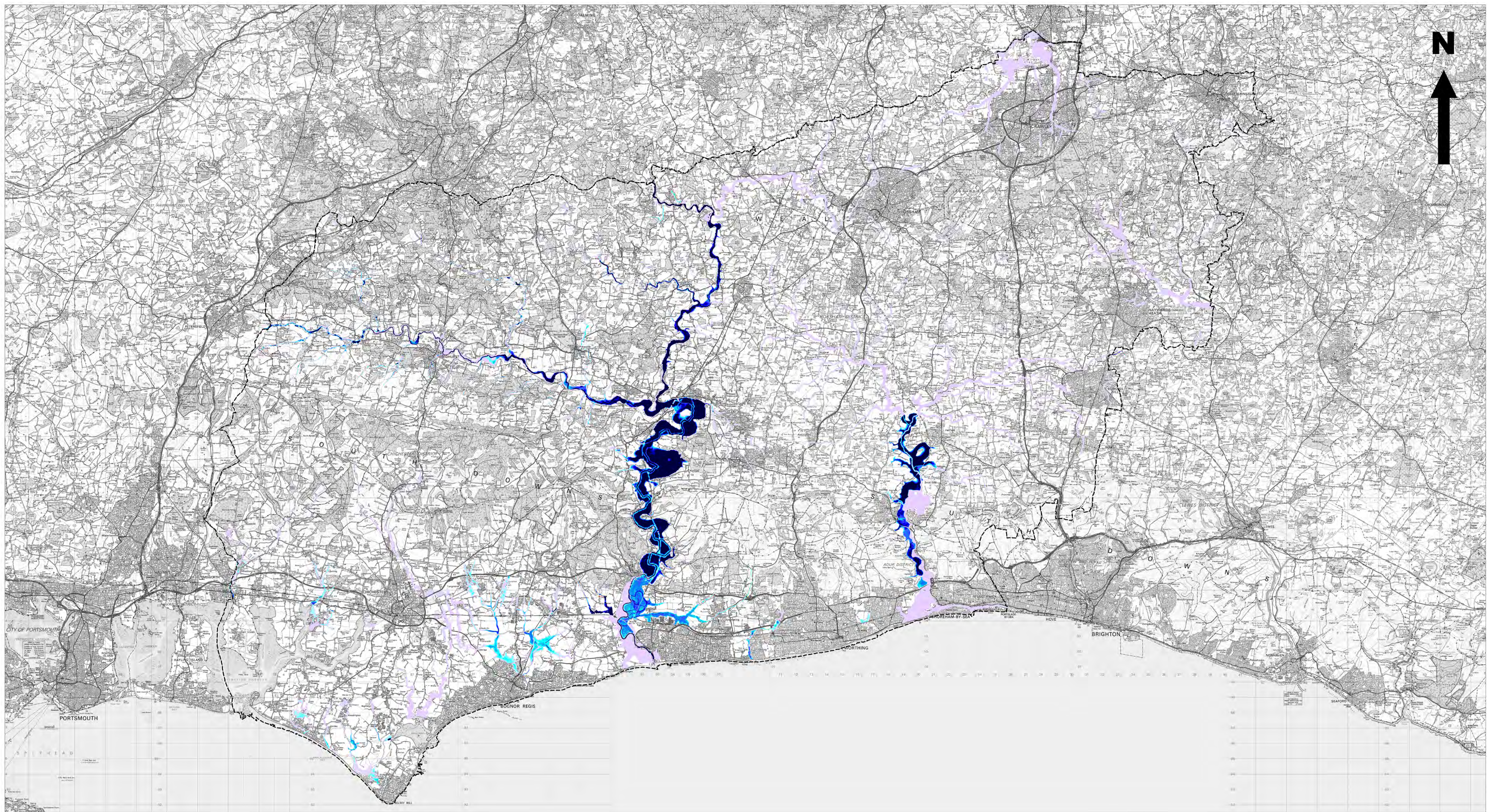


Scale at A1 1: 120,000

Date 05/05/2009



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 Map\_A1-T.wor



# West Sussex SFRA

Map A2-F - Actual river flood depths



**CAPITA SYMONDS**

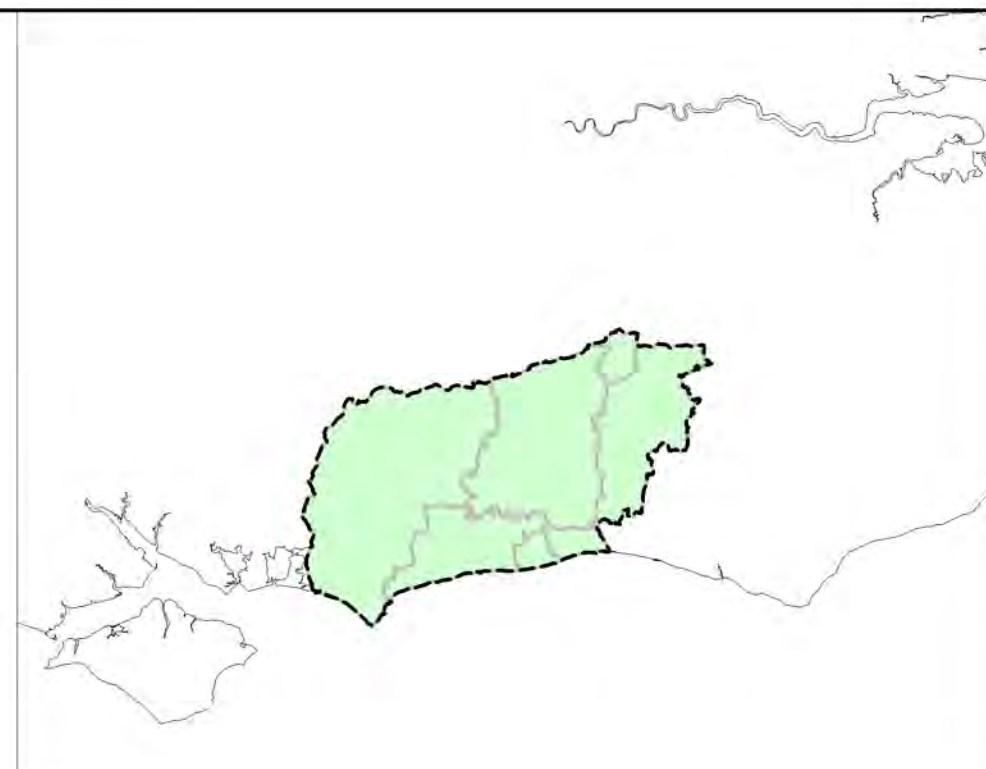
**Legend**

- West Sussex County Boundary
- Depth not known

Actual flood depths m (1% AEP - with defences)

- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 0.75
- 0.75 - 1.00
- 1.00 - 1.25
- 1.25 - 1.50
- 1.50 - 1.75
- 1.75 - 2.00
- > 2.00

Note: This represents the raw model depth results. To produce the flood extents, further processing was required.

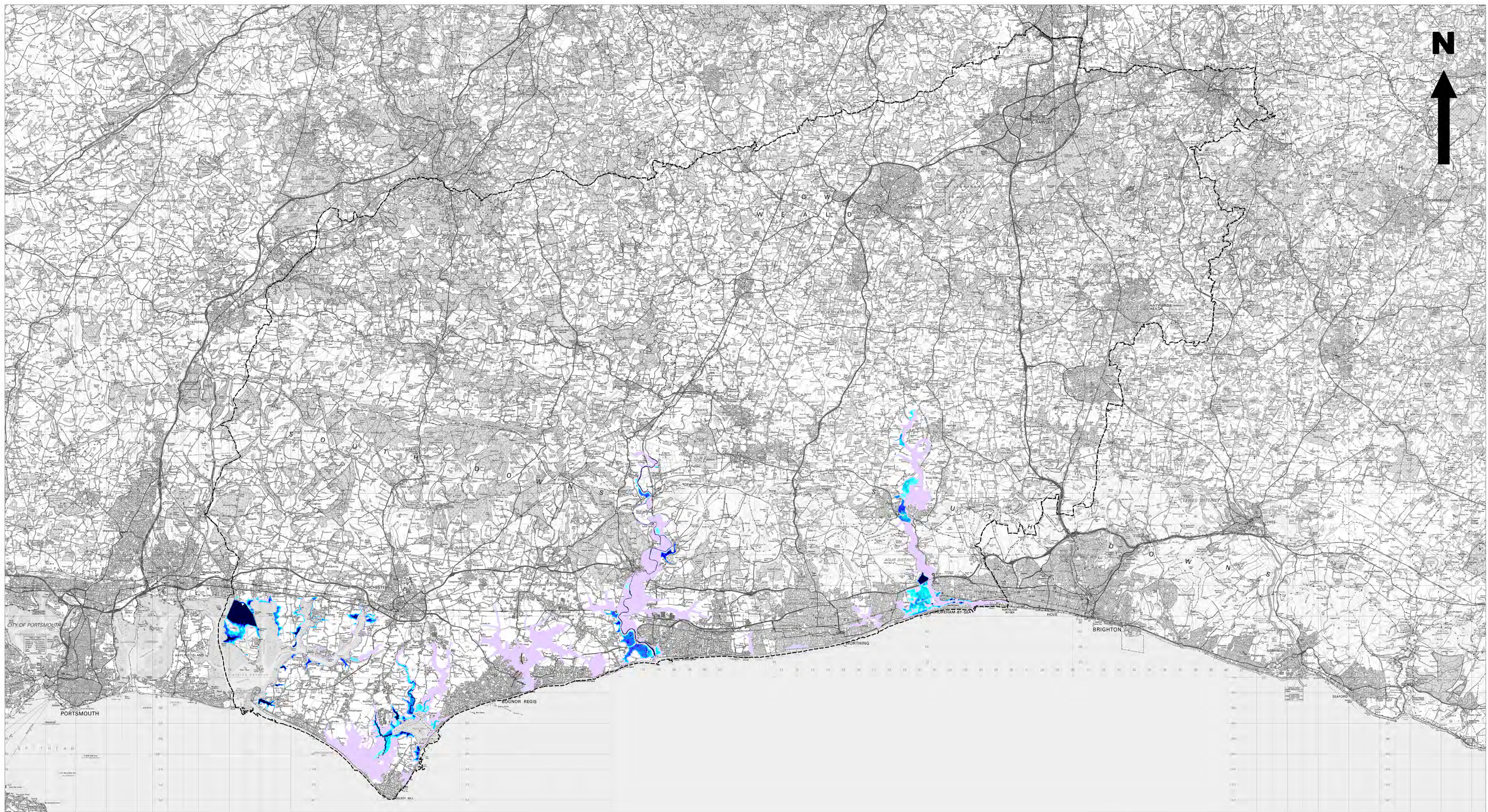


Scale at A1 1: 120,000

Date 05/05/2009



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# West Sussex SFRA

Map A2-T - Actual Tidal Flood Depths (0.5% AEP)



**CAPITA SYMONDS**

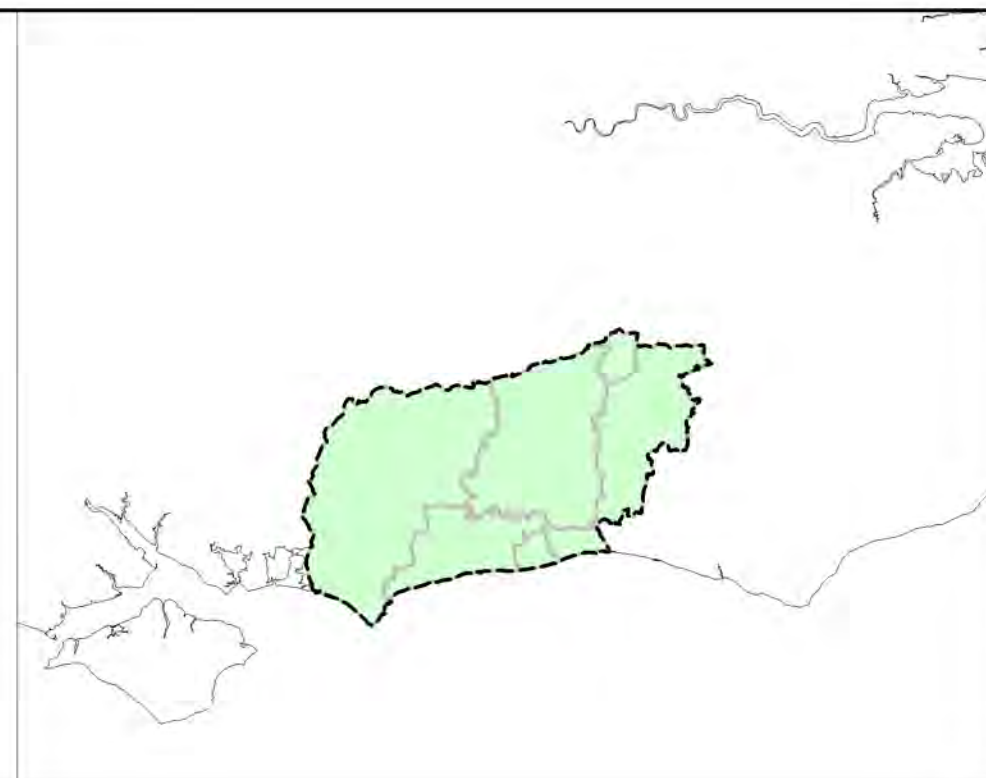
**Legend**

- West Sussex County Boundary
- Unknown Depth

Actual flood depths m (0.5% AEP - with defences)

- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 0.75
- 0.75 - 1.00
- 1.00 - 1.25
- 1.25 - 1.50
- 1.50 - 1.75
- 1.75 - 2.00
- > 2.00

Note: This represents the raw model depth results. To produce the flood extents, further processing was required.

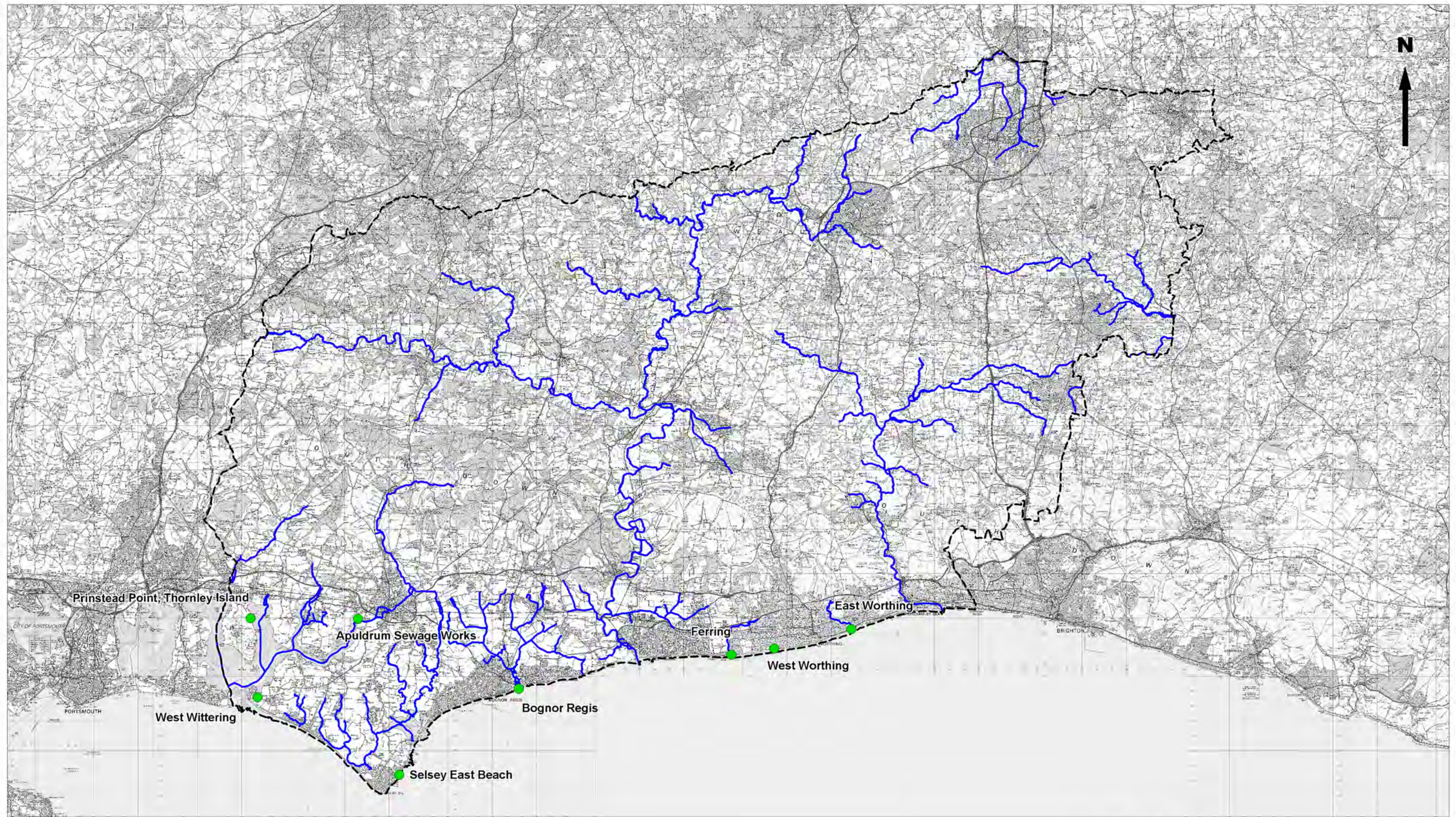


Scale at A1 1: 120,000

Date 05/05/2009






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West Sussex SFRA  
Map B - Proposed Breach Locations

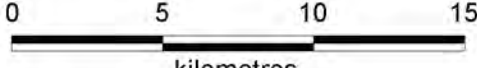


CAPITA SYMONDS

- Legend
-  West Sussex County Boundary
  -  Main River
  -  Proposed Locations of Breach



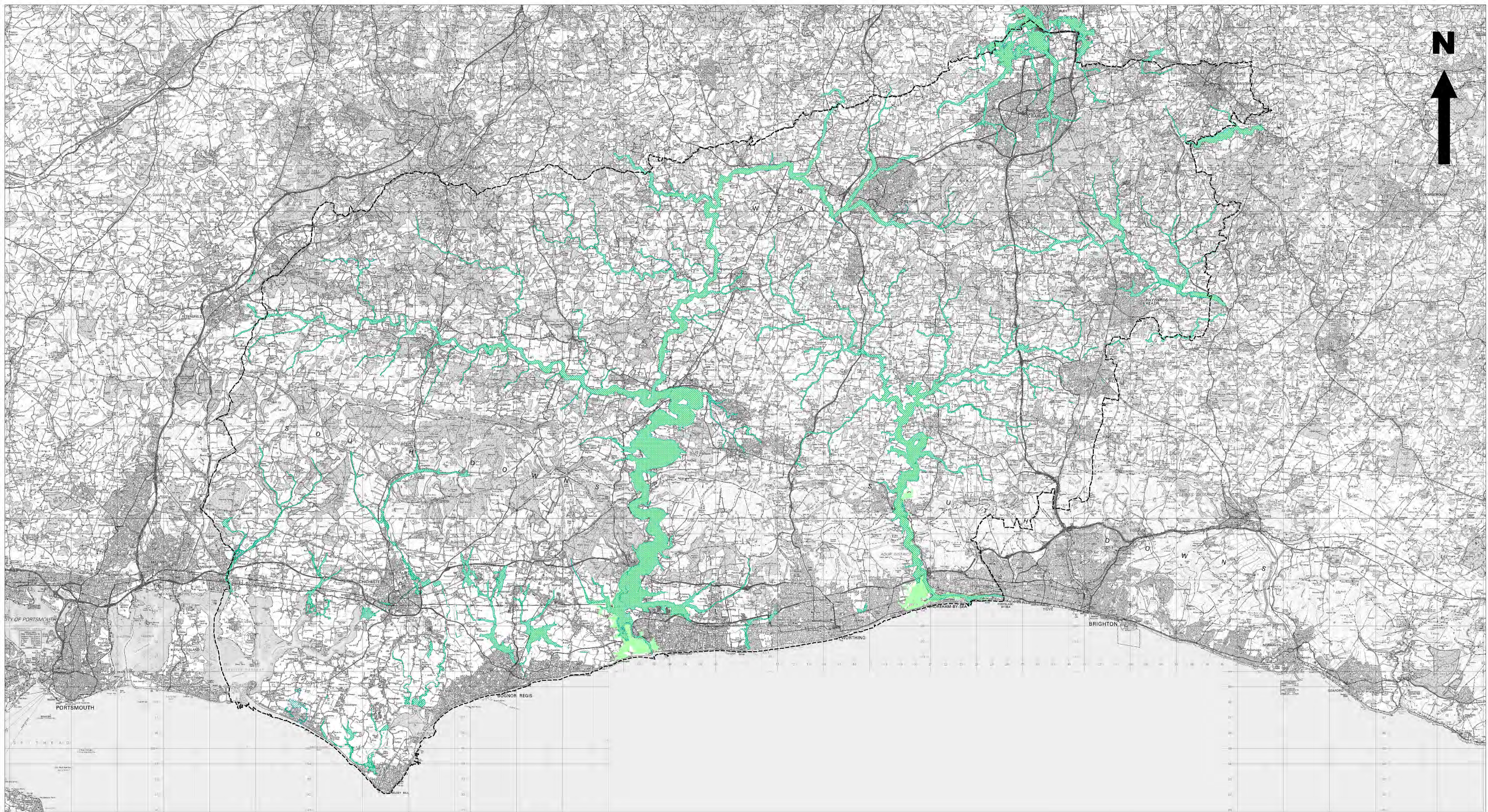
Scale at A3 1: 250000  
Date 05/05/2009



0 5 10 15  
kilometres

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Map\_B



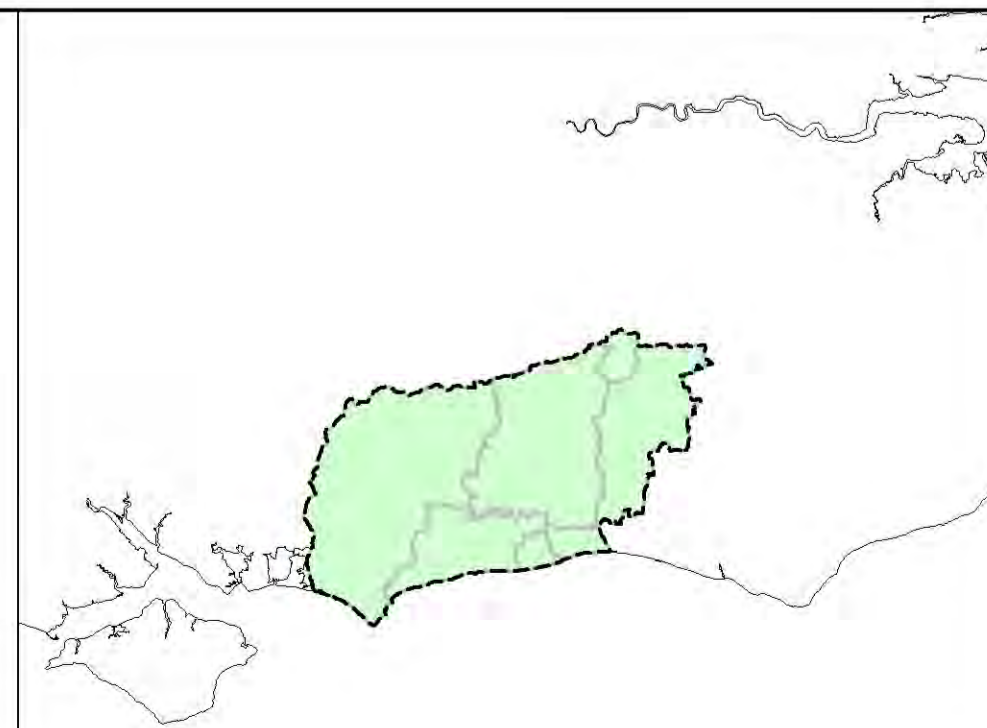
# West Sussex SFRA

Map C1-F - Fluvial Climate Change Extents (with defences)



**CAPITA SYMONDS**

- Legend**
- West Sussex County Boundary
  - Defended Fluvial Flood Risk (1%, CC 2056)
  - Defended Fluvial Flood Risk (1%, CC 2106)

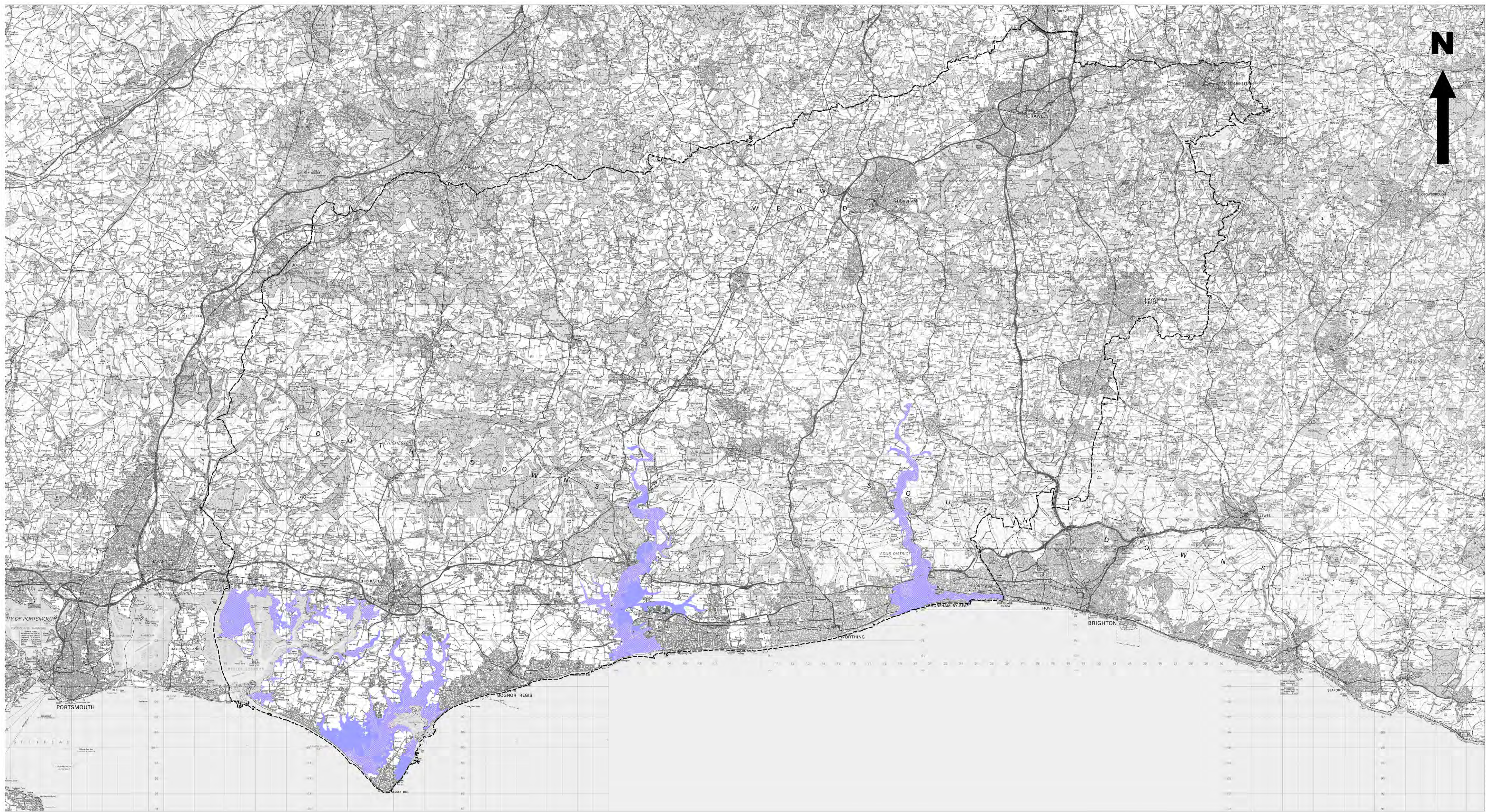


Scale at A1 1: 120,000

Date 16/06/2009



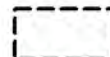

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 Map\_C1-F\_v2.wor



**West Sussex SFRA**  
 Map C1-T - Tidal Climate Change Extents




**CAPITA SYMONDS**

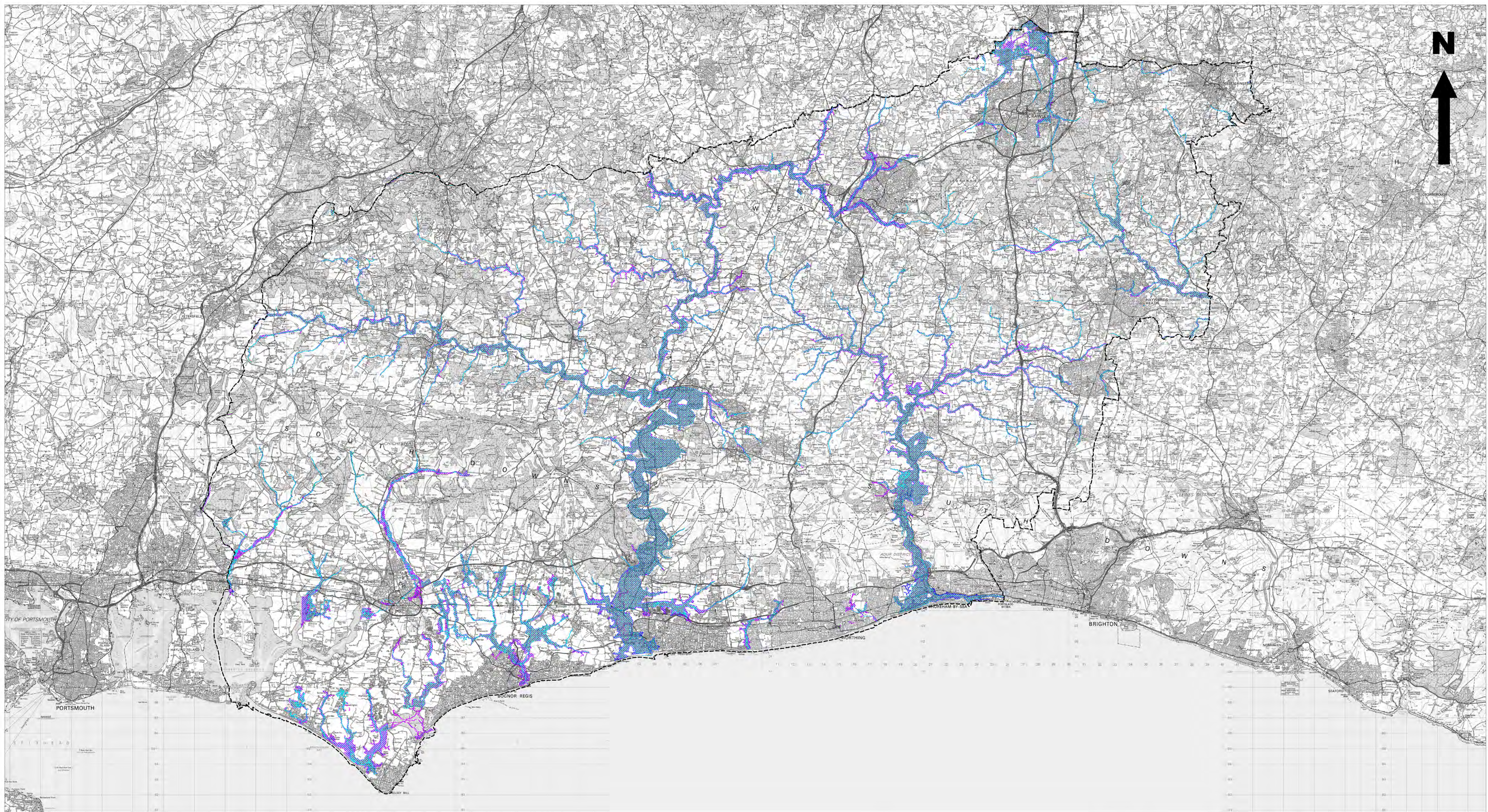
- Legend**
-  West Sussex County Boundary
  -  Defended Tidal Flood Risk (0.5%, 2056)
  -  Defended Tidal Flood Risk (0.5%, 2106)



Scale at A1 1: 120,000  
 Date 05/05/2009



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 Map\_C1-T.wor



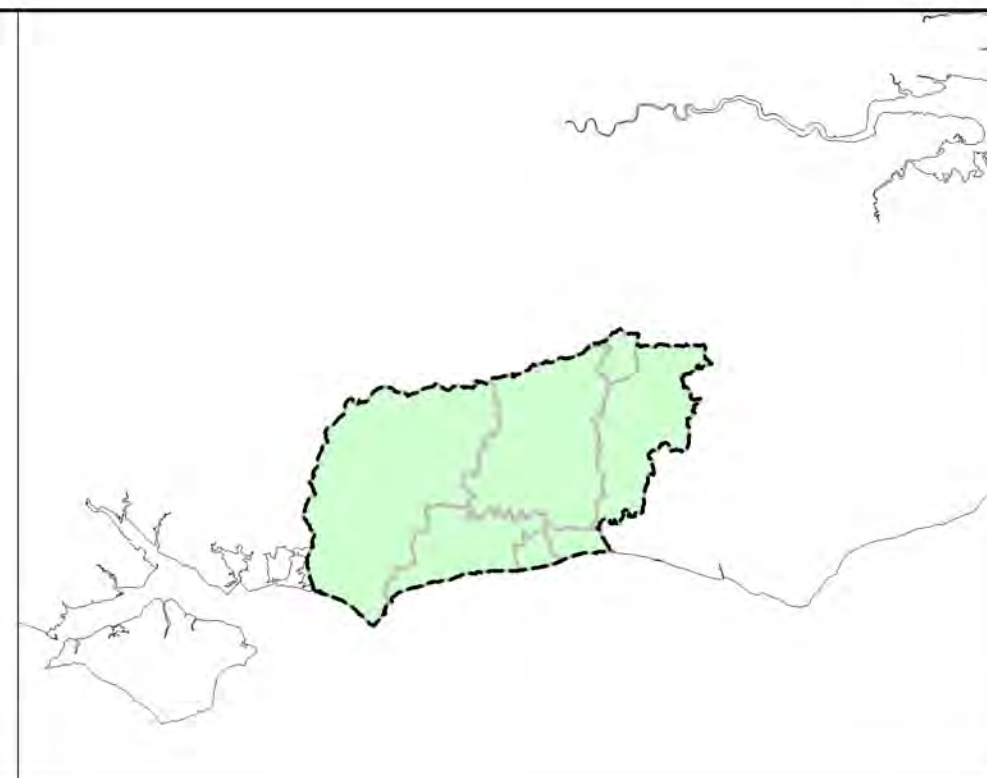
# West Sussex SFRA

Map C2-F - Fluvial Flood Zones with  
Climate Change Predictions



**CAPITA SYMONDS**

- Legend**
- West Sussex County Boundary
  - Future Flood Zone 3b 2056
  - Future Flood Zone 3b 2106
  - Future Flood Zone 3a 2056
  - Future Flood Zone 3a 2106



Scale at A1 1: 120,000

Date 16/06/2009



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Map\_C2-F\_v2.wor

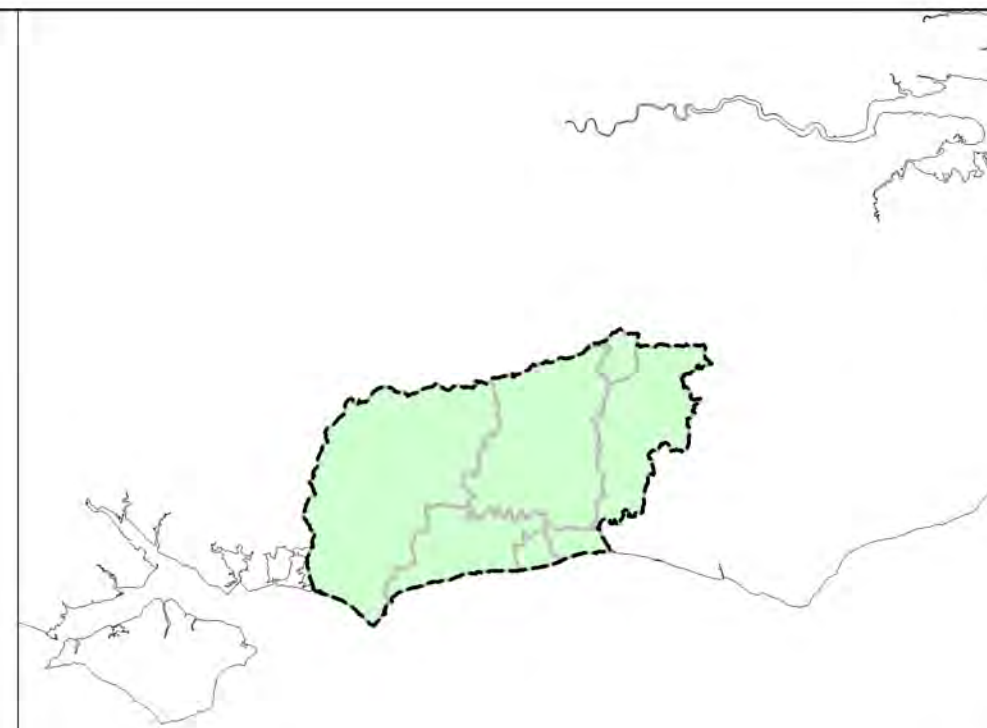


**West Sussex SFRA**  
 Map C2-T - Future Tidal Flood Zones  
 based on Climate Change



**CAPITA SYMONDS**

- Legend**
- West Sussex County Boundary
  - Future Flood Zone 3b 2056
  - Future Flood Zone 3b 2106
  - Future Flood Zone 3a 2056
  - Future Flood Zone 3b 2106
  - Future Flood Zone 2 2056
  - Future Flood Zone 3b 2106

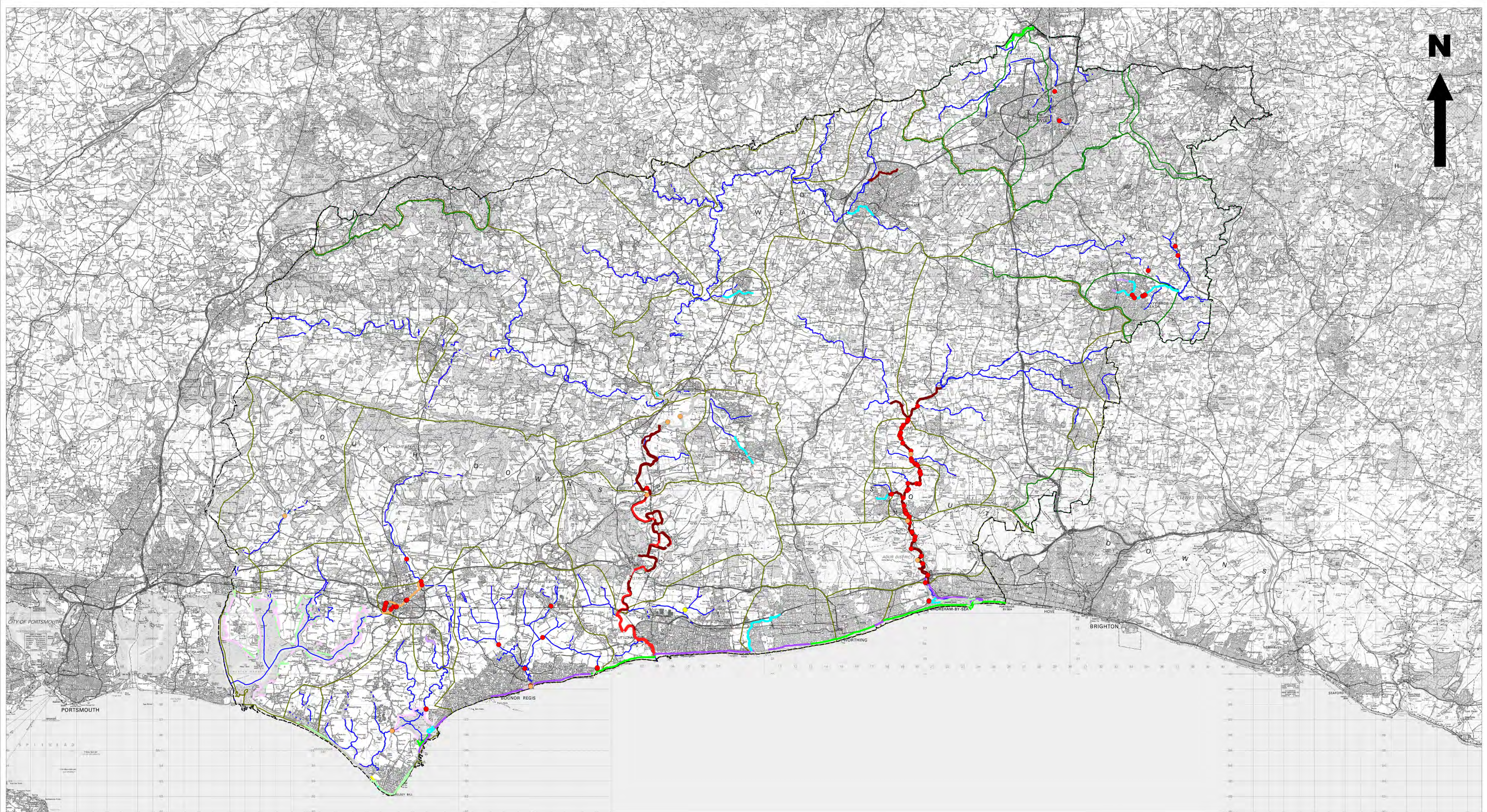


Scale at A1 1: 120,000

Date 17/06/2009



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 Map\_C2-T\_v2.wor



# West Sussex SFRA

## Map D - System Asset Management Plan Areas and Flood Defences

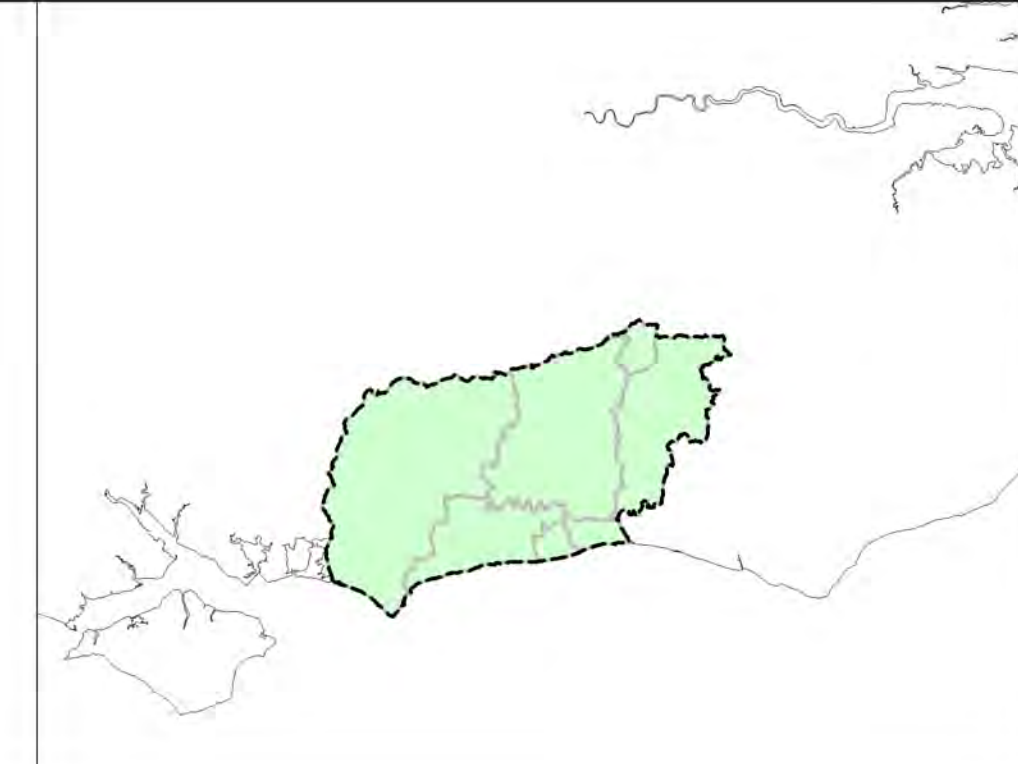


**CAPITA SYMONDS**

- Legend**
- West Sussex county boundary
  - Main river
  - FRM System (2008)
  - FRM System (2009)

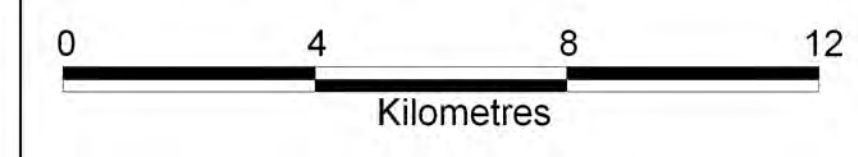
- Standard of Protection**
- < 20 years
  - 20 years
  - 25 years
  - 30 years
  - 50 years
  - 75 years
  - 80 years
  - 99 years
  - 100 years
  - 200 years
  - 1000 years

- Structures**
- Pumping stations
  - Pumped outfall
  - Flapped outfall and pumping stations
  - Flapped outfall

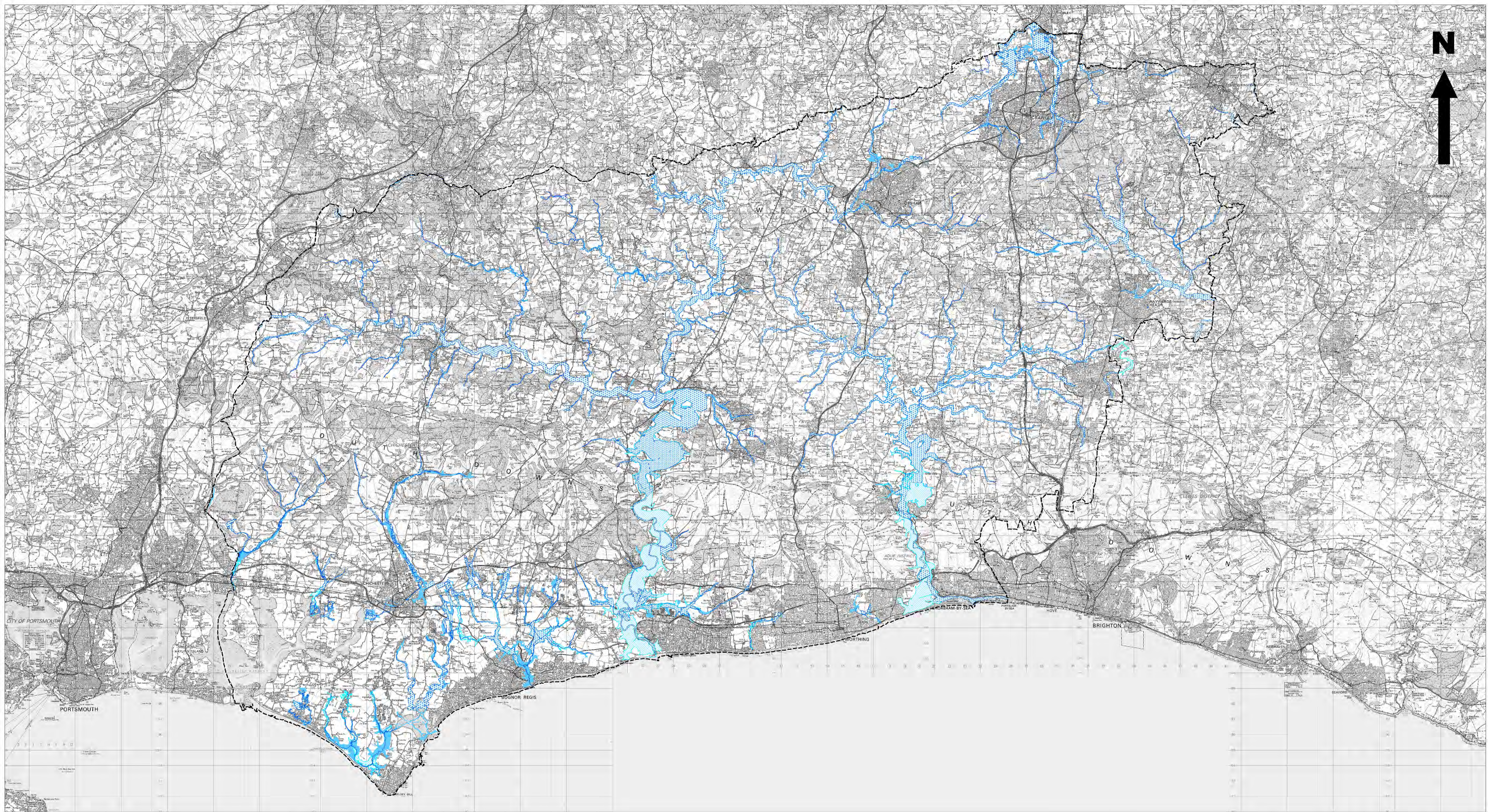


Scale at A1 1: 120,000

Date 16/06/2009



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 Map\_D\_v2.wor

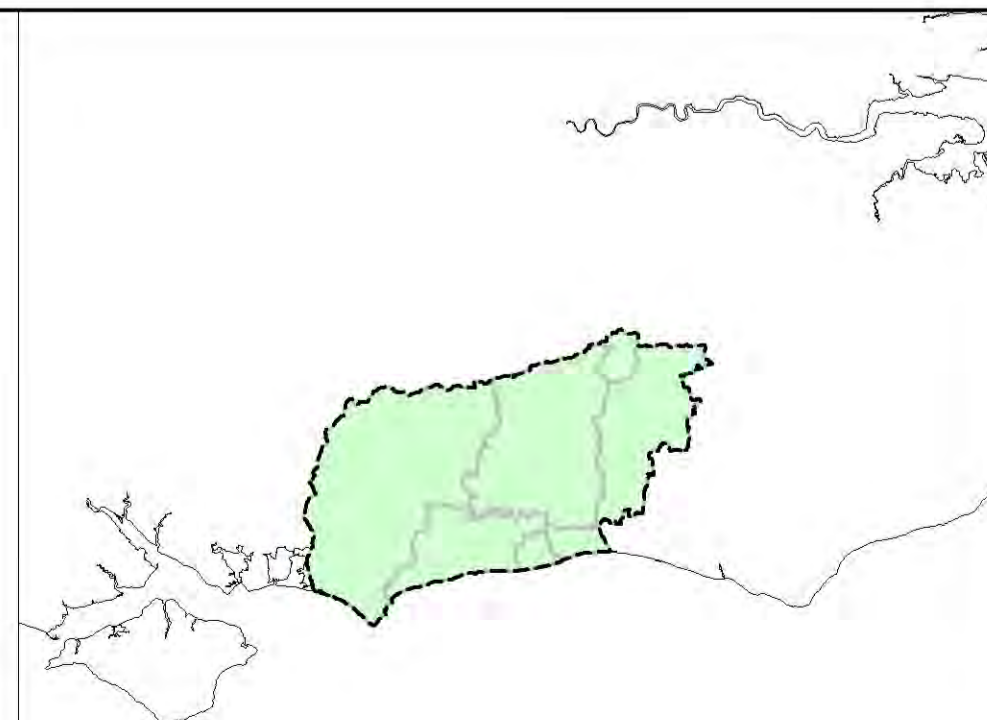


**West Sussex SFRA**  
 Map F1-F - Fluvial Flood Zones (extents)



**CAPITA SYMONDS**

- Legend**
- West Sussex County Boundary
  - Fluvial Flood Zone 3b
  - Fluvial Flood Zone 3a
  - Fluvial Flood Zone 2



Scale at A1 1: 120,000

Date 23/12/2009



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 Map\_F1-F.wor



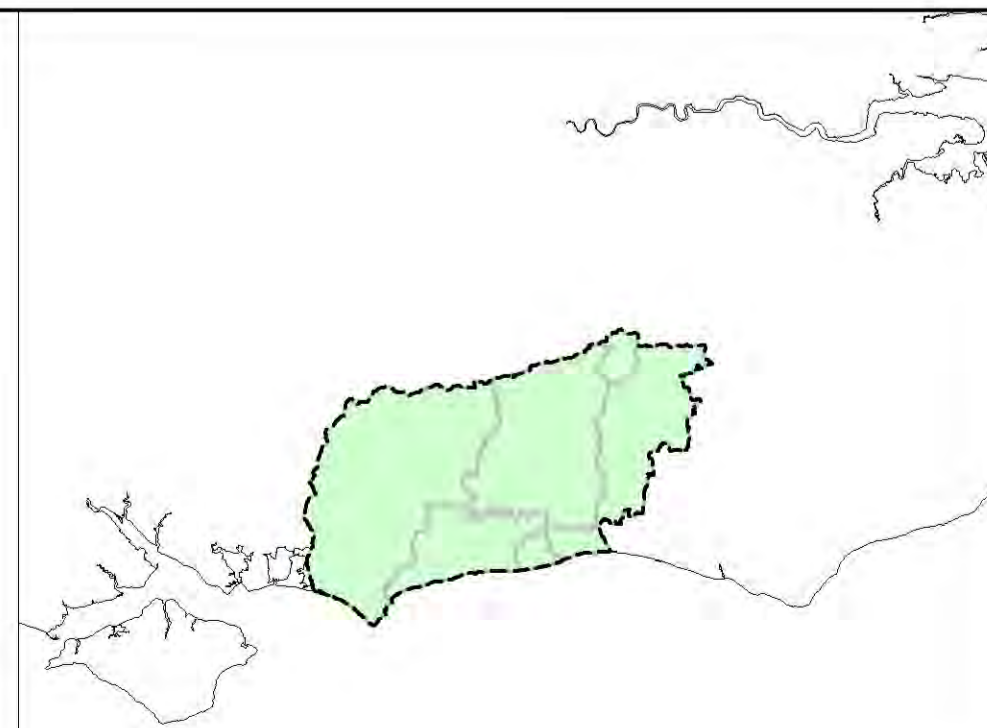
# West Sussex SFRA

Map F1-T - Tidal Flood Zones (extents)



**CAPITA SYMONDS**

- Legend**
- West Sussex County Boundary
  - Tidal Flood Zone 3b
  - Tidal Flood Zone 3a
  - Tidal Flood Zone 2

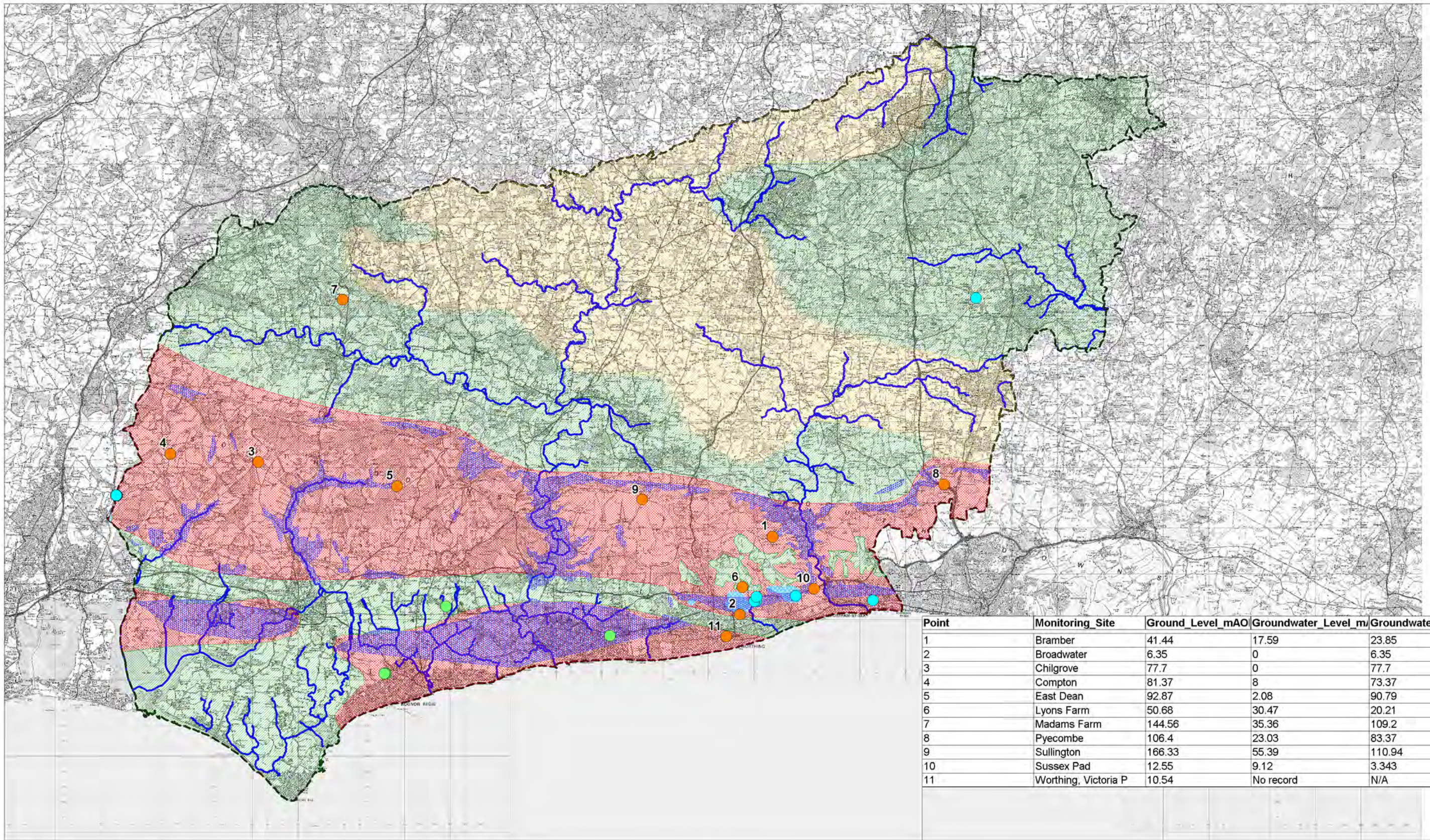


Scale at A1 1: 120,000

Date 23/12/2009



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 Map\_F1-T



Point	Monitoring Site	Ground Level_mAO	Groundwater Level_m	Groundwater Level_ml
1	Bramber	41.44	17.59	23.85
2	Broadwater	6.35	0	6.35
3	Chilgrove	77.7	0	77.7
4	Compton	81.37	8	73.37
5	East Dean	92.87	2.08	90.79
6	Lyons Farm	50.68	30.47	20.21
7	Madams Farm	144.56	35.36	109.2
8	Pyecombe	106.4	23.03	83.37
9	Sullington	166.33	55.39	110.94
10	Sussex Pad	12.55	9.12	3.343
11	Worthing, Victoria P	10.54	No record	N/A

West Sussex SFRA  
Map G - Areas More Prone to Groundwater Flooding



CAPITA SYMONDS

Legend

- West Sussex County Boundary
  - Main River
  - Groundwater flood event
  - Groundwater monitoring sites
  - Arun District Council boreholes
  - Recorded areas of groundwater flooding
  - Groundwater Emergence Zones
- Potential for Groundwater Flooding
- High
  - Low
  - Medium

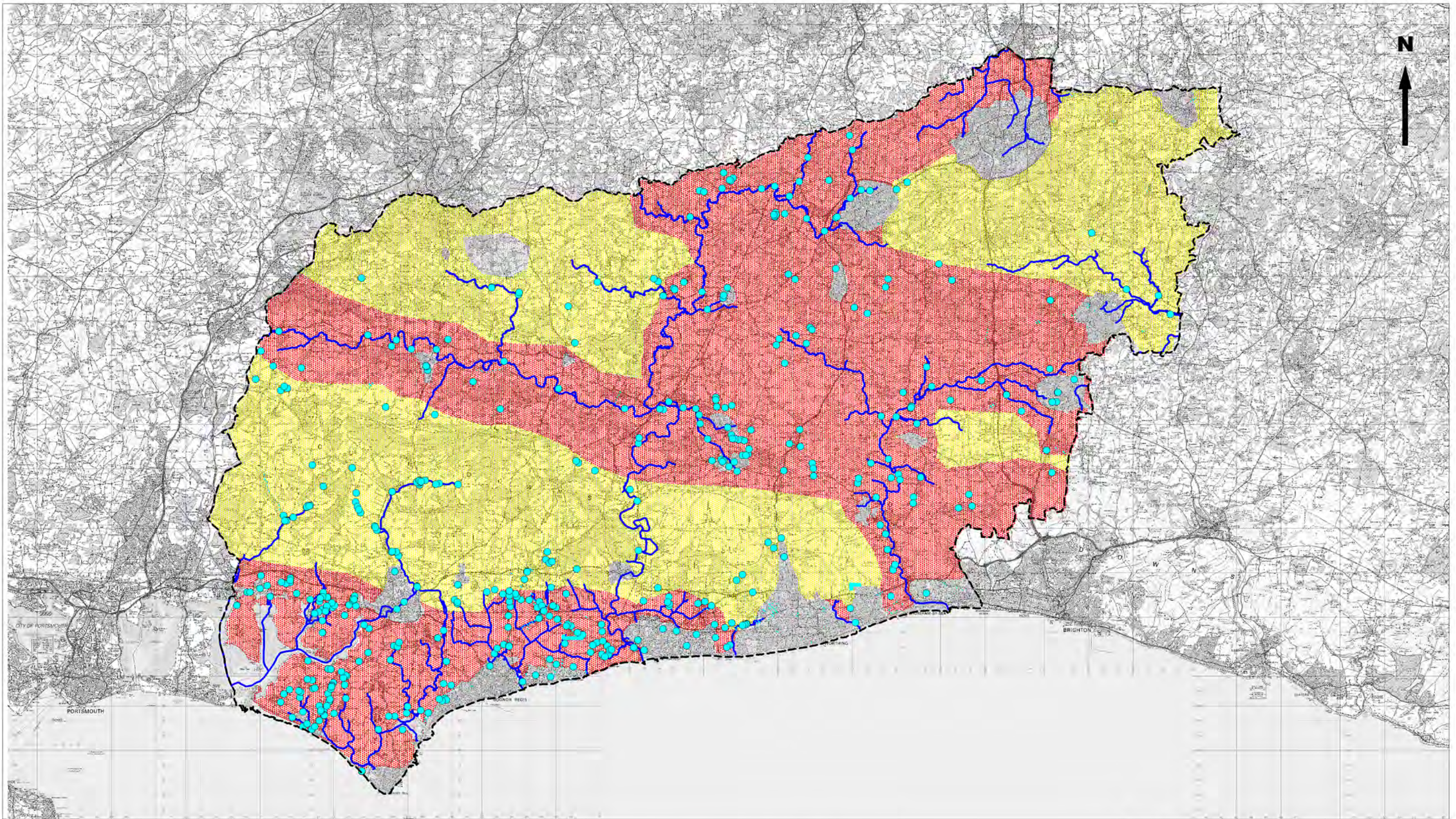


Scale at A3 1: 250000  
Date 05/05/2009



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Map\_G.wor



West Sussex SFRA

Map L - Areas Prone to Flooding from the Land



**CAPITA SYMONDS**

Legend

West Sussex County Boundary

Main River

Source of flooding - polyline

Surface Water

Source of flooding - point

Surface Water

Source of flooding - polygon

Surface Water

Areas prone to flooding from land

Medium to high

Urban

Low to medium



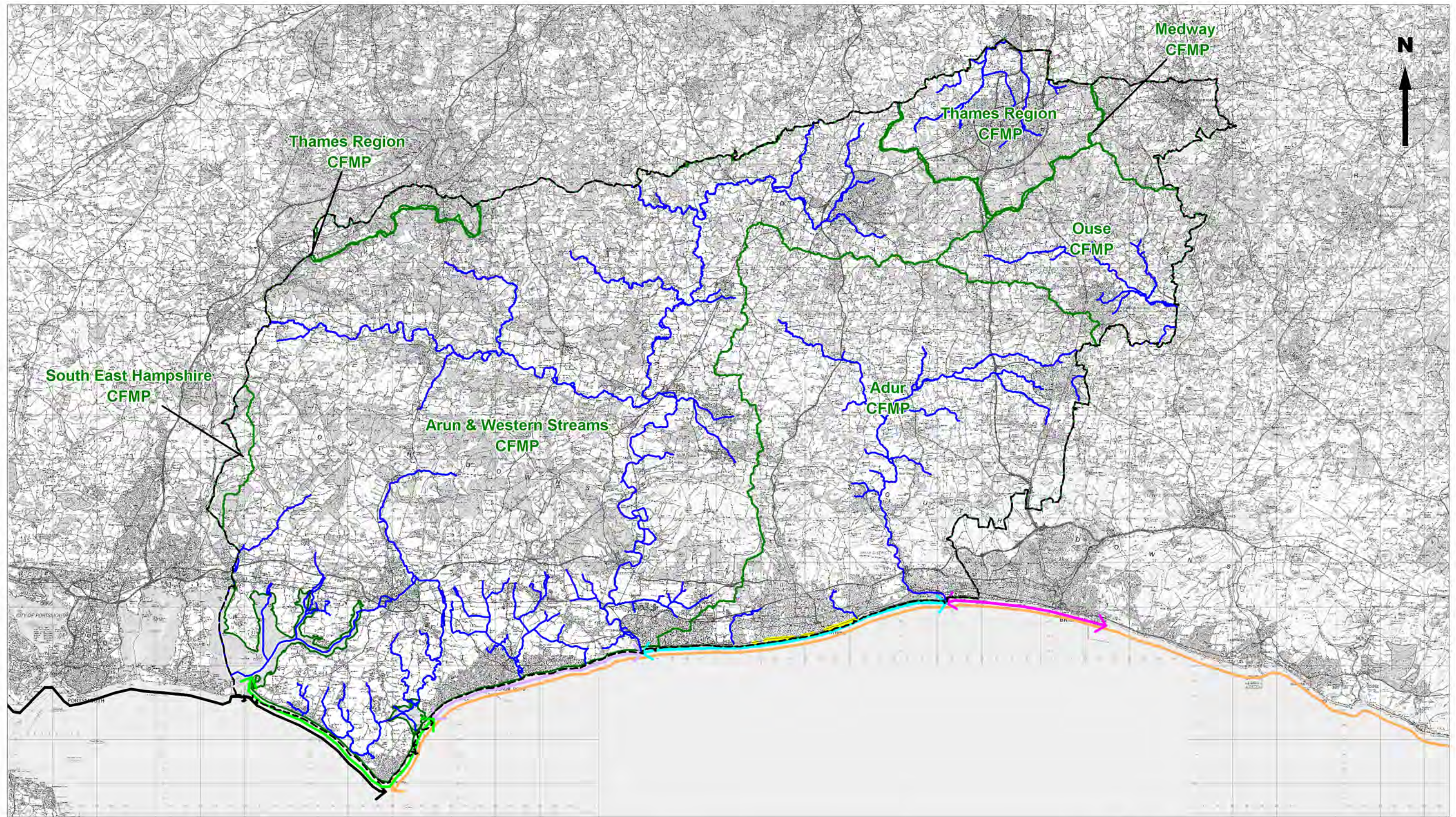
Scale at A3 1: 250000

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Map\_L\_wor



West Sussex SFRA  
Map M1 - Flood Management Plans and Strategies



**CAPITA SYMONDS**

Legend

- West Sussex County Boundary
- Main River
- Coastal Defence Schemes
- CFMP Area Boundaries

CDS / SMPs

- Beachy Head to Selsey Bill, Second Generation SMP
- Draft North Solent Second Generation SMP
- Brighton Marina to River Adur CDS
- Rivers Adur to Arun CDS
- River Arun to Pagham CDS
- Pagham to East Head Planning the Future

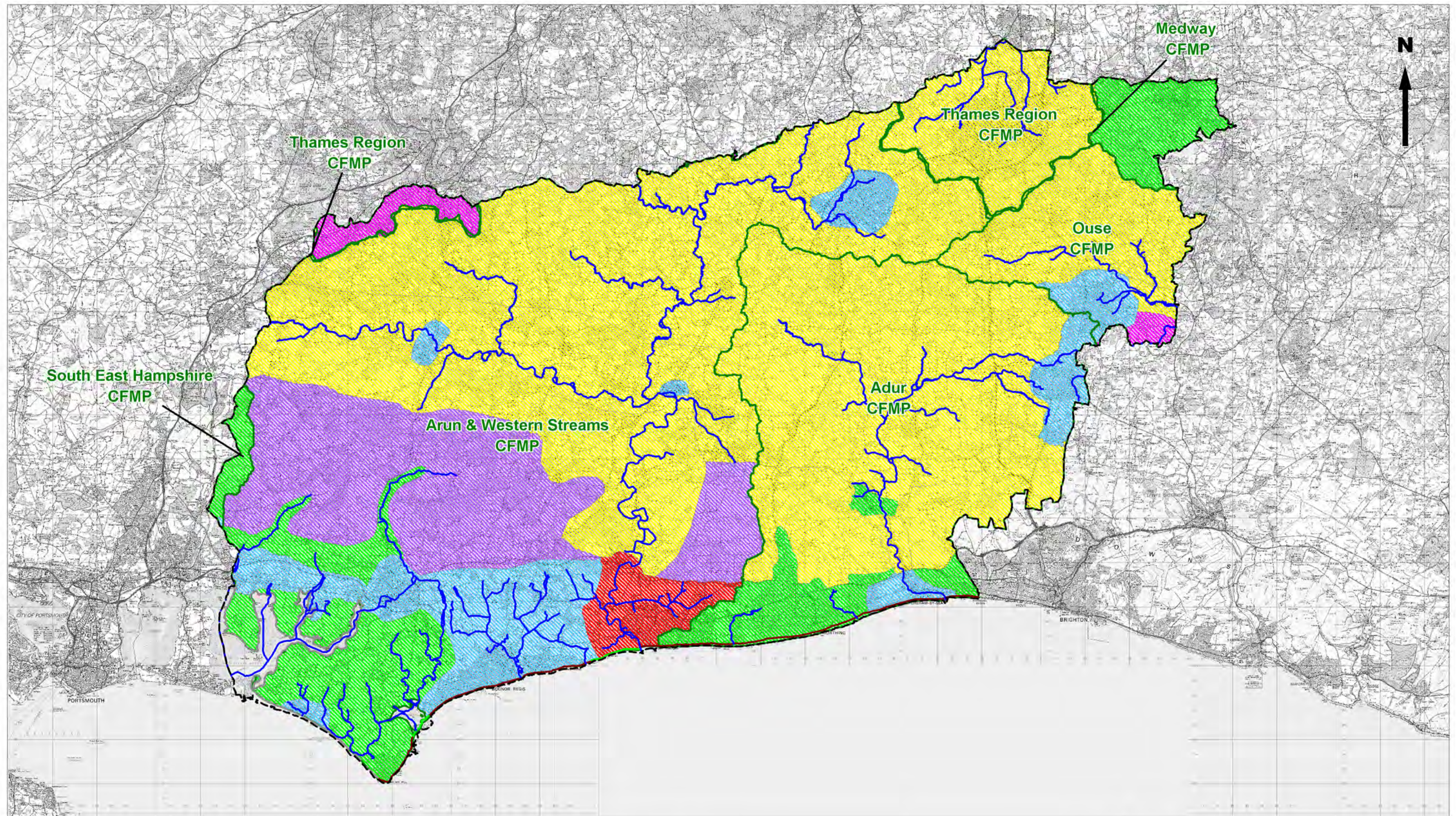


Scale at A3 1: 250000  
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Map\_M1.wor



West Sussex SFRA  
Map M2 - Flood Management Policies



**CAPITA SYMONDS**

Legend

- West Sussex County Boundary
- Main River
- CFMP area boundaries

CFMP Policies

- Policy 1
- Policy 2
- Policy 3
- Policy 4
- Policy 5
- Policy 6

Draft SMP2 Policies

- Hold the line \*
- Managed realignment \*
- Policies under development \*\*

\* Beachy Head to Selsey Bill SMP2 is currently under public consultation. Draft policies are due to be finalised in September 2009.

\*\* Draft North Solent SMP2 is under development - no draft policies currently available.



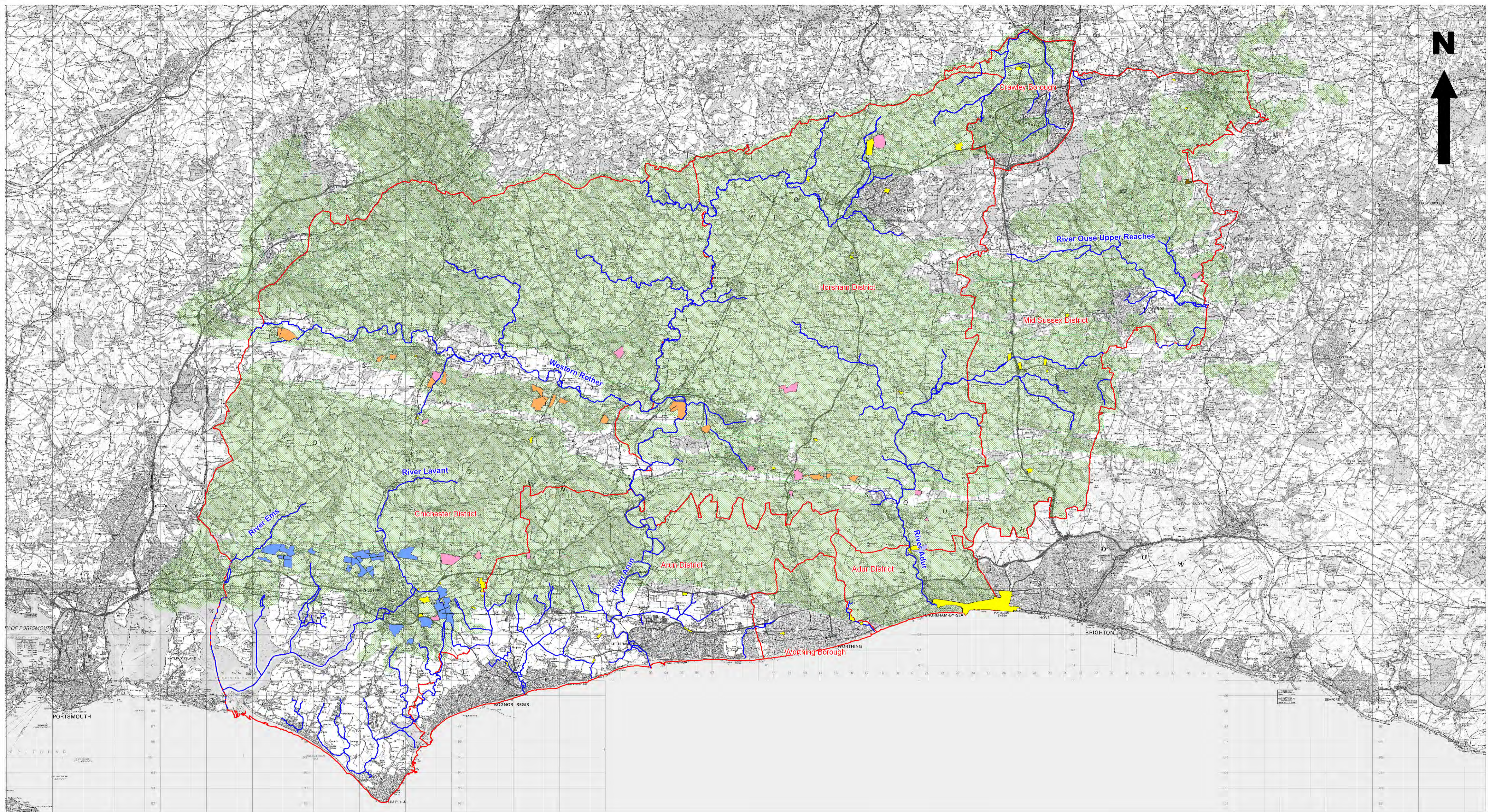
Scale at A3 1: 250000  
Date 05/05/2009



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Map\_M2.wor





**West Sussex SFRA**  
 Map O - Overview of West Sussex County



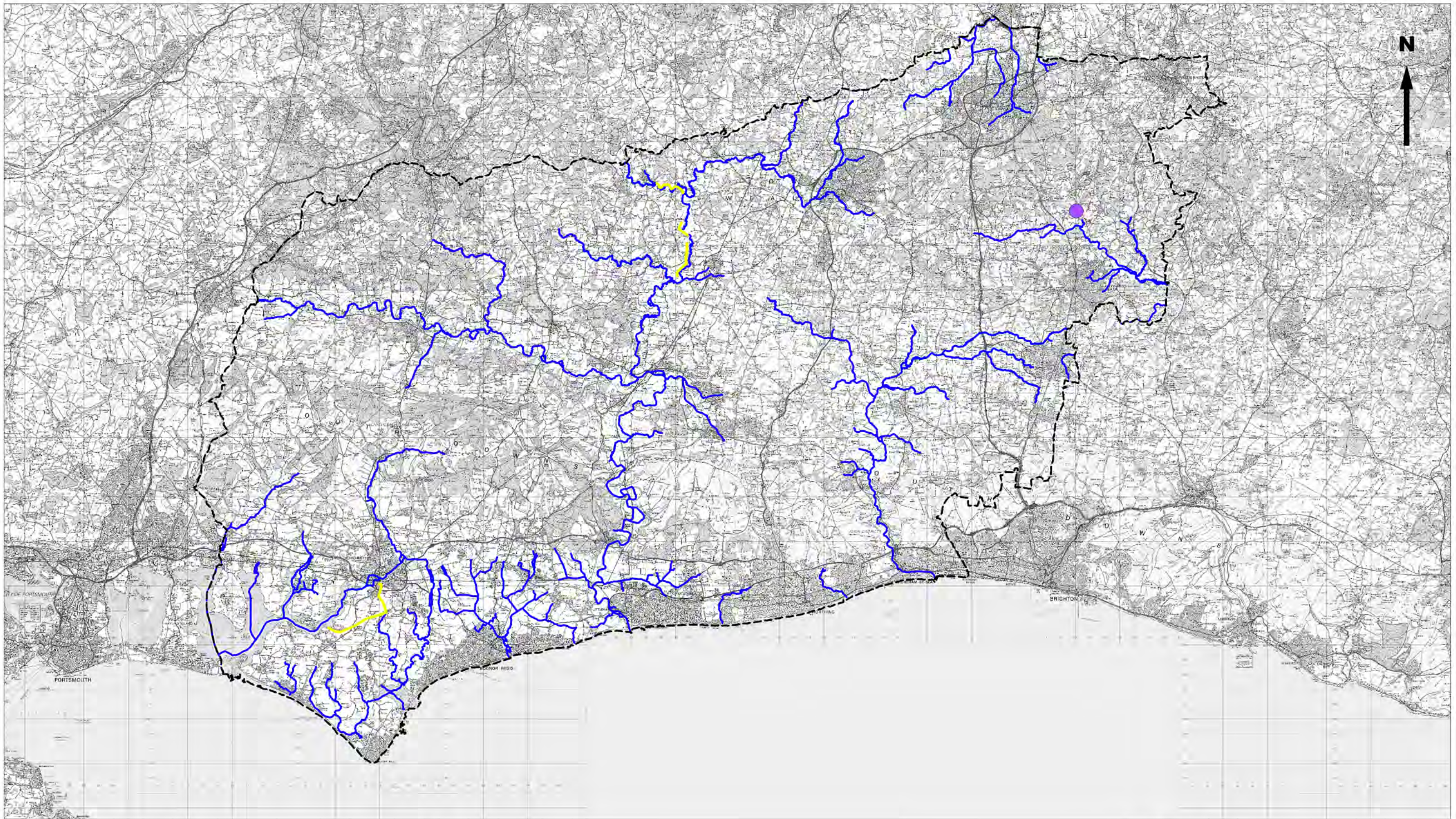
**CAPITA SYMONDS**

- Legend**
- West Sussex Administrative Boundaries
  - Main River
  - Gravel Extraction
  - Sand Extraction
  - Clay Extraction
  - Chalk Extraction
  - Sandstone Extraction
  - Waste Management Facilities
  - Landfill Sites
  - Mineral Safeguarding Areas
  - Mineral Consultation Areas



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 Date 18/12/2009


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 Map\_O\_wor



West Sussex SFRA  
 Map R - Areas prone to flooding from artificial sources



**CAPITA SYMONDS**

- Legend
-  West Sussex County Boundary
  -  Main River
  -  Location of Canals
  -  Reservoirs

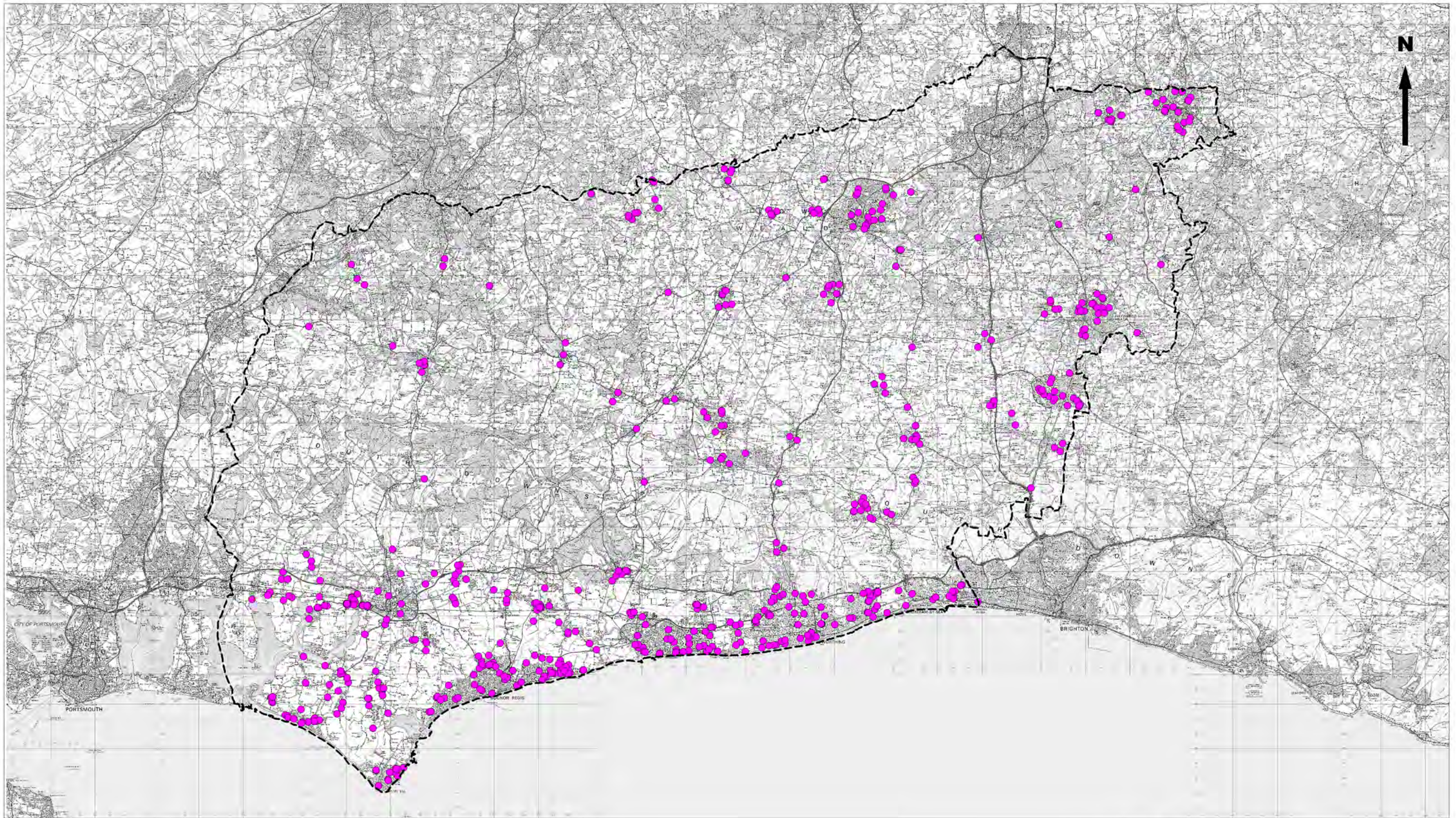


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Map\_R.wor

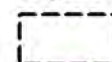



West Sussex SFRA  
 Map S - Areas More Prone to Flooding From Sewers



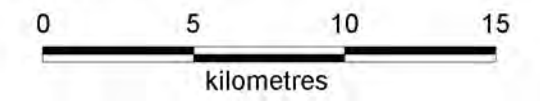
**CAPITA SYMONDS**

Legend

-  West Sussex County Boundary
-  Historic Incidents of Flooding from Sewers



Scale at A3 1: 250000  
 Date 05/05/2009



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Map\_S.wor

