# District/Borough: Three Rivers North

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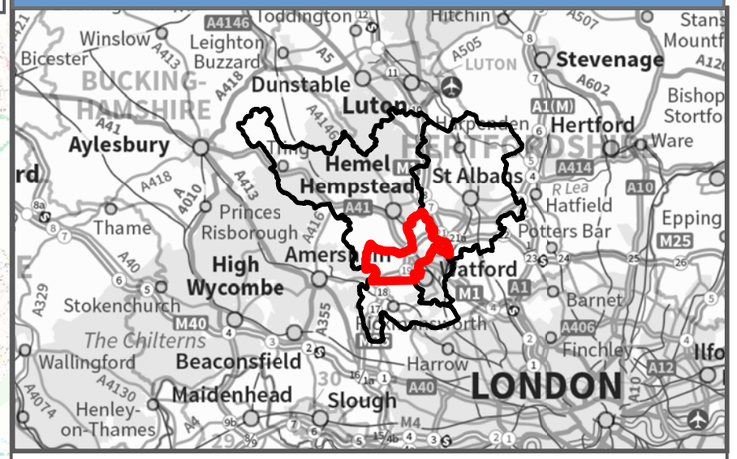
## South West Hertfordshire Level 1 Strategic Flood Risk Assessment




## LEGEND: Flood Risk Mapping

**Flood Zones**
- Flood Zone 2
- Flood Zone 3
- Flood Zone 3b

**Climate Change**
- Flood Zone 3 + 35%CC
- Flood Zone 3 + 70%CC
- RoFSW + CC (1 in 100-year + 40% CC)

**JBA Groundwater Flood Risk Map**
- At least 5m
- 0.5m to 5m
- 0.025m to 0.5m
- At or near surface (<0.025m)

**Defences**
- Embankment
- Culvert
- Wall
- Areas Benefitting from Flood Defences

**Risk of Flooding from Surface Water (RoFSW)**
- High (1 in 30-year)
- Medium (1 in 100-year)
- Low (1 in 1,000-year)

**Flood Warning Areas**
- Flood Warning Areas

**Reservoir Inundation Map**
- Reservoir Flood Risk

**Natural Flood Management Opportunities**
- Runoff Atenuation Features - 1 in 30-year (3.3%AEP)
- Runoff Attenuation Features - 1 in 100-year (1%AEP)
- Tree Planting (Riparian)
- Tree Planting (Floodplain)
- Floodplain Reconnection
- Tree Planting (Wider Catchment)

0 0.5 1 2 3 km

| Version no. | Date | Comment |
|---|---|---|
| v2.0 | Sept 2018 | Final |

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## LEGEND: Catchment Characteristics

**Study Boundary**
- South West Hertfordshire

**Watercourses**
- Main River
- Ordinary Watercourses
- Grand Union Canal

**WFD Catchments**
- Bulbourne
- Chess
- Colne (Confluence with Chess to River Thames)
- Colne (from Confluence with Ver to Gade)
- Colne (upper east arm including Mimshall Brook)
- Gade (Upper stretch Great Gaddesden to confluence with Bulbourne / GUC)
- Gade (from confluence with Bulbourne to Chess)
- Lee (from Luton Hoo Lakes to Hertford)
- Mimram (Codicote Bottom to Lee)
- Pinn
- Thame upstream of Aylesbury
- Tykeswater
- Upper Colne and Ellen Brook
- Ver
- Whistle Brook