



LEGEND: Flood Risk Mapping

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|--------------------|-------------------------------------|
| Flood Zones | Climate Change |
| Flood Zone 2 | Flood Zone 3 + 35%CC |
| Flood Zone 3 | Flood Zone 3 + 70%CC |
| Flood Zone 3b | RoFSW + CC (1 in 100-year + 40% CC) |

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|---------------------------------------|---------------------------------------|
| JBA Groundwater Flood Risk Map | Defences |
| At least 5m | Embankment |
| 0.5m to 5m | Culvert |
| 0.025m to 0.5m | Wall |
| At or near surface (<0.025m) | Areas Benefitting from Flood Defences |

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

- Reservoir Inundation Map**
- Reservoir Flood Risk

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

LEGEND: Catchment Characteristics

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|--------------------------|---|--|
| Study Boundary | WFD Catchments | |
| South West Hertfordshire | Bulbourne | Lee (from Luton Hoo Lakes to Hertford) |
| Watercourses | Chess | Mimram (Codicote Bottom to Lee) |
| Main River | Colne (Confluence with Chess to River Thames) | Pinn |
| Ordinary Watercourses | Colne (from Confluence with Ver to Gade) | Thame upstream of Aylesbury |
| Grand Union Canal | Colne (upper east arm including Mimshall Brook) | Tykeswater |
| | Gade (Upper stretch Great Gaddesden to confluence with Bulbourne / GUC) | Upper Colne and Ellen Brook |
| | Gade (from confluence with Bulbourne to Chess) | Ver |
| | | Whistle Brook |

0	0.5	1	2	3
km				
Version no.	Date	Comment		
v2.0	Sept 2018	Final		

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