



LEGEND: Flood Risk Mapping

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| <p>Flood Zones</p> <ul style="list-style-type: none"> Flood Zone 2 Flood Zone 3 Flood Zone 3b | <p>Climate Change</p> <ul style="list-style-type: none"> Flood Zone 3 + 35%CC Flood Zone 3 + 70%CC RoFSW + CC (1 in 100-year + 40% CC) |
| <p>JBA Groundwater Flood Risk Map</p> <ul style="list-style-type: none"> At least 5m 0.5m to 5m 0.025m to 0.5m At or near surface (<0.025m) | <p>Defences</p> <ul style="list-style-type: none"> Embankment Culvert Wall Areas Benefitting from Flood Defences |
| <p>Risk of Flooding from Surface Water (RoFSW)</p> <ul style="list-style-type: none"> High (1 in 30-year) Medium (1 in 100-year) Low (1 in 1,000-year) | <p>Flood Warning Areas</p> <ul style="list-style-type: none"> Flood Warning Areas |

0	0.75	1.5	3	4.5
km				
Version no.	Date	Comment		
v2.0	Sept 2018	Final		

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LEGEND: Catchment Characteristics

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| <p>Study Boundary</p> <ul style="list-style-type: none"> South West Hertfordshire | <p>Watercourses</p> <ul style="list-style-type: none"> Main River Ordinary Watercourses Grand Union Canal | <p>WFD Catchments</p> <ul style="list-style-type: none"> 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) | <ul style="list-style-type: none"> Lee (from Luton Hoo Lakes to Hertford) Mimram (Codicote Bottom to Lee) Pinn Thames upstream of Aylesbury Tykeswater Upper Colne and Ellen Brook Ver Whistle Brook |
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Reservoir Inundation Map

- Reservoir Flood Risk

Natural Flood Management Opportunities

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| <ul style="list-style-type: none"> Runoff Attenuation Features - 1 in 30-year (3.3%AEP) Runoff Attenuation Features - 1 in 100-year (1%AEP) Tree Planting (Riparian) | <ul style="list-style-type: none"> Tree Planting (Floodplain) Floodplain Reconnection Tree Planting (Wider Catchment) |
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