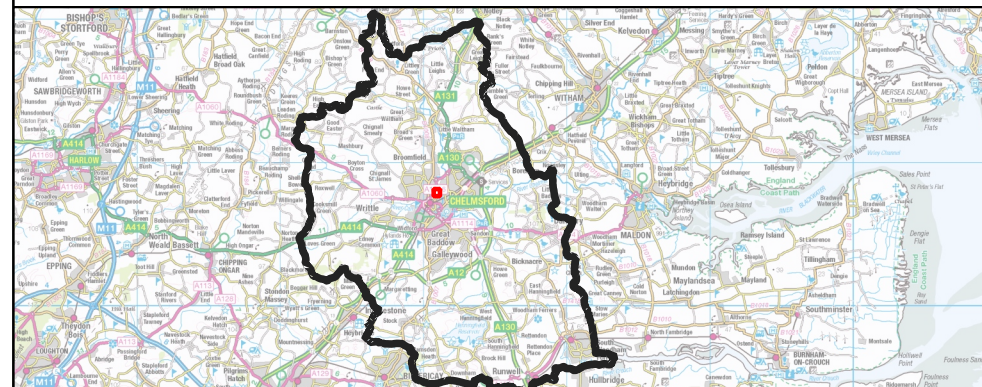


## CHELMSFORD CITY COUNCIL LEVEL 2 STRATEGIC FLOOD RISK ASSESSMENT



Note: All layers are turned off by default. Click the box next to the layer of interest to turn on.

**Sites**

- GS1u
- Chelmsford District
- Main Rivers
- All Watercourses

**Surface Water Depth (m)**

- 3.3% AEP
- 1% AEP
- 0.1% AEP
- 3.3% AEP 20% CC
- 3.3% AEP 35% CC
- 1% AEP 25% CC
- 1% AEP 40% CC
- 0.1% AEP 25% CC
- 0.1% AEP 40% CC
- 0.00 - 0.15
- 0.15 - 0.30
- 0.30 - 0.60
- 0.60 - 0.90
- 0.90 - 1.20
- > 1.20

**Surface Water Velocity (m/s)**

- 3.3% AEP
- 1% AEP
- 0.1% AEP
- 3.3% AEP 20% CC
- 3.3% AEP 35% CC
- 1% AEP 25% CC
- 1% AEP 40% CC
- 0.1% AEP 25% CC
- 0.1% AEP 40% CC
- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 2.00
- > 2.00

**Surface Water Hazard**

- 3.3% AEP
- 1% AEP
- 0.1% AEP
- 3.3% AEP 20% CC
- 3.3% AEP 35% CC
- 1% AEP 25% CC
- 1% AEP 40% CC
- 0.1% AEP 25% CC
- 0.1% AEP 40% CC
- 0.50 - 0.75
- 0.75 - 1.25
- 1.25 - 2.00
- > 2.00

**Reservoir Flood Extents**

- Dry day extent
- Wet day extent

**Groundwater**

Areas Susceptible to Groundwater Flooding  
1km resolution  
(annual probability)

- < 25%
- >= 25% <50%
- >= 50% <75%
- >= 75%

JBA GW emergence map (5m resolution)

- No risk.
- Groundwater levels are at least 5m below the ground surface.
- Groundwater levels are between 0.5m and 5m below the ground surface.
- Groundwater levels are between 0.025m and 0.5m below the ground surface.
- Groundwater levels are either at or very near (within 0.025m of) the ground surface.

**Historic Flooding**

- Historic Flood Map

**FWA/FAA**

- Flood Alert Areas
- Flood Warning Areas

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0 0.075 0.15 km



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