



Newcastle-under-Lyme Borough Level 1 Strategic Flood Risk Assessment

Authority Information

Newcastle-under-Lyme boundary

Watercourses

- Main Rivers
- All watercourses
- 8m watercourse buffer
- Canals

Defences

- Embankment
- Engineered High Ground
- Natural High Ground
- Spillway

Flood Zones (Fluvial)

- Flood Zone 3b
- Indicative Flood Zone 3b
- Flood Zone 3a
- Flood Zone 2

Climate Change Extent (Modelled)

- 3.3% AEP + 29% CC
- 3.3% AEP + 39% CC
- 3.3% AEP + 61% CC
- 1% AEP + 29/30% CC
- 1% AEP + 39% CC
- 1% AEP + 61% CC
- 0.1% AEP + 29% CC
- 0.1% AEP + 39% CC
- 0.1% AEP + 61% CC

Reservoir Flood Extents (EA)

- Dry Day
- Wet Day

Risk of Flood from Rivers and Sea (EA)

- High
- Medium
- Low
- Very Low
- Reduction in Risk of Flooding from Rivers and Sea

Risk of Flooding From Surface Water (EA)

- 3.3% AEP
- 1% AEP
- 0.1% AEP

Surface Water Climate Change Extent (Modelled)

- 3.3% AEP Upper End 2070s CC
- 1% AEP Upper End 2070s CC

Groundwater Emergence Mapping (JBA)

- Less than 0.025m below surface
- Between 0.025- 0.5m below surface
- Between 0.5- 5m below surface
- At least 5m below surface
- No risk.

Groundwater Flooding Susceptibility (EA)

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

Water Company Boundaries

- Severn Trent Water
- United Utilities

EA Flood Alert and Warning Areas

- Flood Warning Areas
- Flood Alert Areas

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