



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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