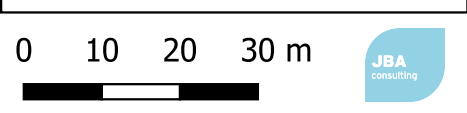




Contains OS data © Crown copyright and database right 2025. Contains Environment Agency information © Environment Agency and/or database rights. This document is the property of Jeremy Benn Associates Ltd. It shall not be reproduced in whole or in part, not disclosed to a third party, without the permission of Jeremy Benn Associates Ltd.



- TC40
- Newcastle-Under-Lyme Borough
- Main Rivers
- All Watercourses
- EA LIDAR 1m DTM (mAOD)**
 - 123.5
 - 112.8

- Flood Defences**
 - Embankment
 - Engineered
 - High Ground
 - Natural
 - High Ground
 - Wall
- Reservoir Flood Extents**
 - Dry Day
 - Wet Day

- EA Flood Warning and Alert Areas**
 - Flood Warning Areas
 - Flood Alert Areas
- Fluvial Flood Extents**
 - 3.3% AEP + 29% CC
 - 3.3% AEP + 39% CC
 - 3.3% AEP + 61% CC
 - 1% AEP + 29% CC
 - 1% AEP + 39% CC
 - 1% AEP + 61% CC

APPENDIX A LEVEL 2 GEOPDF MAPPING

NEWCASTLE-UNDER-LYME BOROUGH 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.

Fluvial Depth (m)

- 3.3% AEP + 29%CC
- 3.3% AEP + 39% CC
- 3.3% AEP + 61% CC
- 1% AEP + 29% CC
- 1% AEP + 39% CC
- 1% AEP + 61% CC
- <= 0.10
- 0.10 - 0.50
- 0.50 - 1.00
- 1.00 - 1.50
- 1.50 - 2.00
- > 2.00

Fluvial Velocity (m/s)

- 3.3% AEP + 29% CC
- 3.3% AEP + 39% CC
- 3.3% AEP + 61% CC
- 1% AEP + 29% CC
- 1% AEP + 39% CC
- 1% AEP + 61% CC
- <= 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 2.00
- 2.00 - 4.00
- > 4.00

Fluvial Hazard Classification

- 3.3% AEP + 29% CC
- 3.3% AEP + 39% CC
- 3.3% AEP + 61% CC
- 1% AEP + 29% CC
- 1% AEP + 39% CC
- 1% AEP + 61% CC
- <= 0.75
- 0.75 - 1.25
- 1.25 - 2.00
- > 2.00

SW Climate Change Extents

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

SW Climate Change Depth (m)

- 3.3% AEP 2070s Upper End
- 1% AEP 2070s Upper End
- <= 0.15
- 0.15 - 0.30
- 0.30 - 0.60
- 0.60 - 0.90
- 0.90 - 1.20
- > 1.20

JBA GW Map GW depth below surface

- <0.025m
- 0.025 - 0.5m
- 0.5 - 5.0m
- >5.0m
- No risk

SW Climate Change Velocity (m/s)

- 3.3% AEP 2070s Upper End
- 1% AEP 2070s Upper End
- <= 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 2.00
- > 2.00

SW Climate Change Hazard Classification

- 3.3% AEP 2070s Upper End
- 1% AEP 2070s Upper End
- <= 0.75
- 0.75 - 1.25
- 1.25 - 2.00
- > 2.00

EA AStGWF Map

- >= 75%
- >= 50% <75%
- >= 25% <50%
- < 25%
- No risk