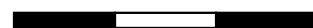




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0 25 50 75 m



Site 11

Newcastle-under-Lyme Borough

Main Rivers

All Watercourses

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.

EA LIDAR 1m DTM

(mAOD)



Flood Defences

- Embankment
- Engineered High Ground
- Natural High Ground
- Wall

EA AStGWF Map

- $\geq 75\%$
- $\geq 50\% < 75\%$
- $\geq 25\% < 50\%$
- $< 25\%$
- No risk

JBA GW Map

- GW depth below surface
- $< 0.025\text{m}$
- $0.025 - 0.5\text{m}$
- $0.5 - 5.0\text{m}$
- $> 5.0\text{m}$
- No risk

EA Flood Warning and Alert Areas

- Flood Warning Areas
- Flood Alert Areas

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

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

Reservoir Flood Extents

- Dry Day
- Wet Day