

Environment Agency

Roles and Responsibilities

The Environment Agency is responsible for taking a **strategic overview** of the management of **all sources of flooding** and coastal erosion and are responsible for managing the risk of flooding from main rivers, reservoirs estuaries and the sea

Strategically: this involves **working with partners** to assess and determine flood risk and to identify and deliver solutions to mitigate that risk.

We provide **information on areas at risk** of river, surface water and coastal flooding through flood risk maps.

Operationally: We issue **flood warnings** for main river flooding, our operations team **maintain assets** and clear blockages.

We conduct post-flood investigations to understand what occurred..

Our Resilience team **work with the community** to help the community respond to the event.



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Over 88,000 properties at flood risk from rivers and sea. 1,392 in Cheshire East



Over 300 incident response staff



13 Flood Alert Areas
4 in Cheshire East



180 Flood Warning Areas- 15 in Cheshire East

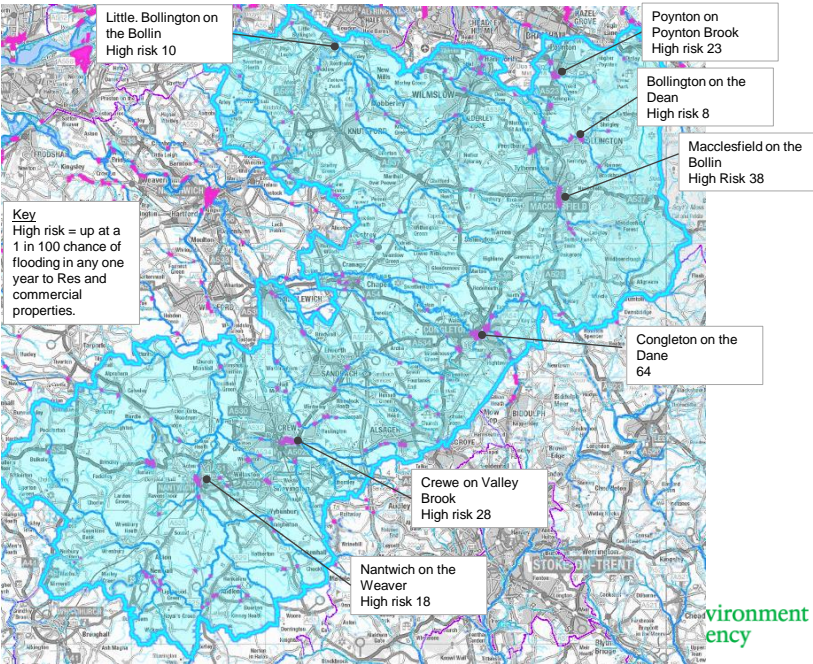


Working with 50 Communities at risk



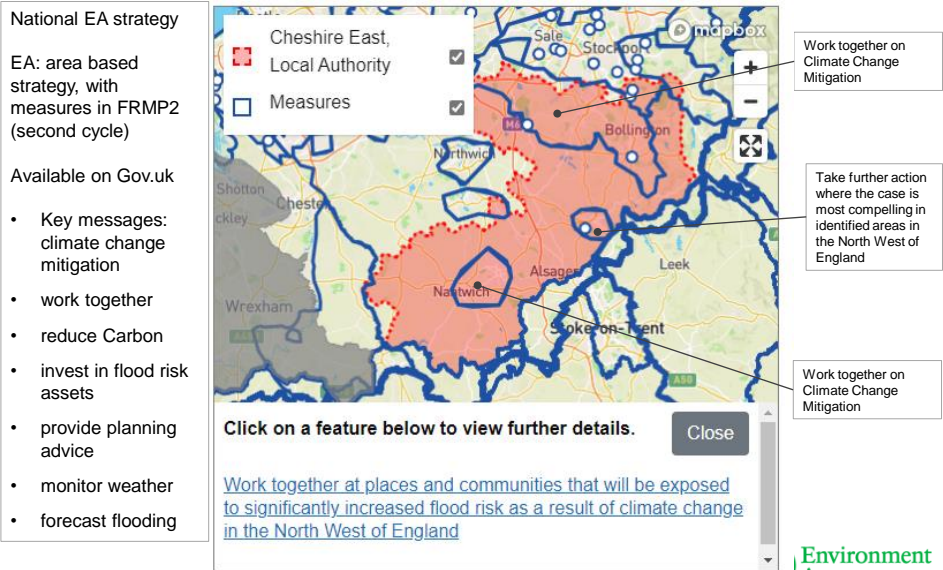
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Environment Agency Main River risk map



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Environment Agency Flood Risk Management Plan 2



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Investigate main river flood risk solutions. Currently unviable schemes for Congleton, risk is in 3 separate locations, walled defence solution unviable. Looking instead at upstream Natural Flood Management (NFM). Working with Cheshire Wildlife Trust, some funding of 'Slow the Flow' interventions to reduce flood peak downstream. Provides habitat and climate resilience.



Strategically, EA administer Defra Flood Defence Grant in Aid (FDGiA) Schemes, and Local Levy funding for the Regional Flood and Coastal Committee. This means advising on schemes, and providing QA on business cases to turn indicative allocations into signed off business cases and deliverable schemes.



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During a Flood Event, we:

Receive Weather Warnings from the Met Office.

Run Forecast weather through Hydrological flood models to determine Best Estimate and Reasonable Worse case forecast scenarios

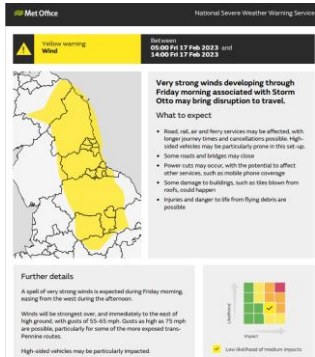
Hold Flood Advisory Service (FAS) Telecoms with Resilience forum to disseminate intelligence

Attend command structures and give technical advice on Flood Warnings and operational response and potential impacts

Issue Flood Alerts & Warnings using Flood Warning System - telephone system, text and internet, partners, media etc

Operate flood control structures and pumping stations

Clear debris from channels, screens and culverts on main rivers and monitor/repair stressed defences



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Post-Flood, we:

Undertake post-flood data collections.
Community Support Officers advise communities on how to proceed, closely liaising with Local Authorities.
Support Multi Agency Flood Drop-ins following flooding

We have supported communities across Poynton, Little Bollington, Bollington, Wilmslow, Church Minshull and Nantwich

Advice ranges from insurance requests, possibly grants from Government, future flood risk, potential short-term mitigation.

Input to LLFA's section 19 Reports

Working collaboratively with partners on potential solutions



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Environment Agency Poynton focus

Post Flood data collection highlighted that risk was combined from Ordinary Water courses and main river. Main river has had an embankment repaired which alleviated main river risk.

Surface water flood risk relates to limited capacity of culverts through town.

Worked with Cheshire East and UU on maintenance and specific solutions. Ce and UU have undertaken many improvements.

Identified NFM upstream as key for reducing risk. EA commissioned CWT to deliver NFM upstream of Poynton (and also Kettleshulme and Pott Shrigley)



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Environment Agency Poynton focus

EA commissioned Cheshire Wildlife Trust to deliver NFM in Poynton catchment. Successfully delivered 1,000 m³ of additional storage. Working with Town /council for more land opportunities.

