

Cumbria flood action plan

Staveley and Ings community action table

The purpose of this action table is to highlight the flood management that is currently in place and the specific actions that are happening or proposed within Cumbria flood action plan for this community.

Please read this table in conjunction with the full Cumbria flood action plan and summary document, which can be found online by visiting www.gov.uk and searching Cumbria flood action plan.

Catchment: Kent/Leven

Impact of December 2015 flood: Approximately 35 homes and businesses were flooded

Description: Staveley has a population of approx 1,400 and is situated in the lower section of the Kentmere Valley between the towns of Kendal and Windermere. Ings is situated on the River Gowan, upstream of its confluence with the River Kent at Staveley.

Staveley and Ings will be a pilot area for the community-focussed, catchment based approach.

Staveley and Ings better protected

1) Do now (within next 12 months):


- Complete repair and recovery work
- Register properties on Floodline Warnings Direct
- Publish and review flood investigation report
- Undertake community-led flood and land management pilot project in Staveley


2) Develop (2-5 years):



- Take forward recommendations in the flood investigation report and identify possible options to reduce flood risk
- Continue to support sharing knowledge and best practice through the network for Community Action Groups


3) Explore (5+ years):

- Develop opportunities for natural flood risk management and engineered storage where feasible upstream of Staveley

	What's already in place	What we're going to do and what this will achieve	When this work will take place	Who's responsible for this work	How much will it cost/ Sources of funding
Strengthening flood defences 	There are no formal flood defences in place but there is over 2km of maintained channel side which is designed to provide protection from erosion and maintain conveyance.	Improved defences £24m of capital funding has been allocated from within the Flood and Coastal Erosion Risk Management Investment Programme for Kendal, Burneside, Staveley and Ings. This funding will be used to promote the options for managing flood risk which may include strengthening defences, improving the capacity of watercourses, urban drainage, surface water drains, upstream storage and 'slow the flow' interventions. Take forward recommendations in the flood investigation report and identify possible options to reduce flood risk.	Assess and consulting on design option starting immediately. Construction: medium term (2-5 years) Draft Flood Investigation Report published summer 2016.	Environment Agency Partners (e.g. Cumbria County Council) Community Groups	£24m from central government
		Repairing damages from Storm Desmond Repair and secure sections of the retaining wall.	Completed by December 2016	Environment Agency Riparian owners	£270,000 from 3 rd parties, insurance and central government

	What's already in place	What we're going to do and what this will achieve	When this work will take place	Who's responsible for this work	How much will it cost/ Sources of funding
		Review the understanding of surface water management across the county to ensure the appropriate actions and investment.	Short term 2016/17	Cumbria County Council, South Lakeland District Council Environment Agency United Utilities	
		Replace the damaged bridge at Staveley	Short term (within 12 – 24 months)	Cumbria County Council	
		Modelling and forecasting post-event model re-runs Update the river level model with the most recent flow data available from Storm Desmond to develop and support any future schemes.	Short term (within next 12 months)	Environment Agency	£70,000 (Cumbria wide spend)
		Understanding Bridges Review the role that bridges play in flood risk and their vulnerability during a flood	Short term – strategic review within the next 12 months	Cumbria County Council	
Upstream management 	Currently there is limited use of Upstream Management in the sub-catchments upstream of Staveley.	Explore opportunities for engineered and natural flood management solutions to be used upstream of Staveley in order to 'slow the flow' and manage peak river levels	Medium term (2-5 years) or long term (over 5 years)	Farmers Landowners Community Groups Trusts	
	Examples of natural flood risk management that have been completed in recent years include a project led by Cumbria Wildlife Trust to remove an embankment along the river Gowan to re-connect it to the floodplain and river restoration work along the rivers Sprint and Mint led by the RSPB.	Develop proposals for river and peat restoration to slow the flow.	Short term – summer 2017	Cumbria Wildlife Trust RSPB Non-governmental organisations	

	What's already in place	What we're going to do and what this will achieve	When this work will take place	Who's responsible for this work	How much will it cost/ Sources of funding
		<p>Continue to explore opportunities to reconnect the river with its floodplain at the confluence of the river Kent and the river Gowan through the removal of raised ground adjacent to the rivers.</p> <p>Explore the potential benefits of peatland restoration and the creation of woodland in consultation with landowners and farmers.</p>	<p>Short term</p> <p>Medium term (2-5 years) or long term (over 5 years)</p>	<p>South Cumbria Rivers Trust</p> <p>Farmers Landowners Community Groups Trusts</p>	
<p>Maintenance</p> 	<p>There are no formal flood defences in place but there is over 2km of maintained channel side which is designed to provide protection from erosion and maintain conveyance</p> <p>This asset and the river channel are maintained by the Environment Agency on an ongoing basis. This includes managing vegetation and removing gravel.</p> <p>The planned maintenance programme is available at: https://www.gov.uk/government/publications/river-and-coastal-maintenance-programme</p> <p>Cumbria County Council maintains the ordinary watercourses, surface water drainage and highway drainage.</p>	<p>New Environment Agency system will make it easier for communities to understand maintenance in their area. Improvements will show exactly when, where and what maintenance is being planned each year.</p> <p>Make sure that communities understand how they can access information on planned maintenance at: https://www.gov.uk/government/publications/river-and-coastal-maintenance-programme</p>	<p>Short (within next 12 months)</p>	<p>Communities Environment Agency Parish and district Councils</p>	
<p>Resilience</p> 	<p>There is an active community action group in Staveley and an emergency plan has been produced with support from the Environment Agency</p>	<p>Work with communities to establish a network of Emergency Groups to share learning and best practice.</p> <p>Review the resilience of critical transport, utility and power supply infrastructure in relation to flood risk.</p>	<p>Community emergency plan in place</p> <p>Short term</p>	<p>Environment Agency (Flood Warning & Community Resilience) Communities Parish & District Councils Local Government United Utilities Electricity NorthWest</p>	<p>Local Levy, Flood Defence Grant in Aid</p>
	<p>There are currently no flood warning areas in Staveley</p>	<p>Investigate options to provide a flood warning service for the Staveley and lngs area. This could include the installation of new river gauges on the River Gowan, possibly managed and monitored by the community.</p>			
	<p>Local authorities are administering the Flood Recovery and Resilience Grants.</p>	<p>People who flooded in December are being urged to apply for the £5,000 resilience grant from their district/borough council. The deadline for applications has been extended to Friday 31 March 2017. A further £2,000 top up grant can also be applied for from the Cumbria Flood Recovery Fund.</p>	<p>Closing date for Grant applications – end of March 2017</p>		

	What's already in place	What we're going to do and what this will achieve	When this work will take place	Who's responsible for this work	How much will it cost/ Sources of funding
<p>Water Level Management Boards</p> 	<p>There are no Water Level Management Boards in this area.</p>				