






<p>Cumbria flood action plan</p> <p>Patterdale community action table</p> <p>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.</p> <p>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.</p>	<p>Patterdale better protected</p> <p>1) Do now (within next 12 months):</p> <ul style="list-style-type: none"> • Complete emergency plans • Register properties on Floodline Warnings Direct • Publish and review flood investigation report • Complete appraisals of possible actions to manage flood risk • Develop improved ways of working across all groups participating <p>2) Develop (2-5 years):</p> <ul style="list-style-type: none"> • 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 • Develop opportunities for natural flood risk management and engineered storage where feasible <p>3) Explore (5+ years):</p> <ul style="list-style-type: none"> • Continue developing natural flood management approach and understanding of how measures are helping to reduce flood risk.
<p>Catchment: Eden</p> <p>Impact of December 2015 flood: Approximately 13 homes and businesses were flooded</p> <p>Description: Patterdale is a village on the southern end of Ullswater, with a population of approx. 500.</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>Strengthening flood defences</p> 	<p>The Environment Agency does not have any formal flood defences in Patterdale</p>	<p>Improved defences</p> <p>Take forward recommendations in the flood investigation report and identify possible options to reduce flood risk. Although there may be no funding identified in the currently consented FDGiA Investment Programme, we will submit a bid for funding for viable projects identified following a review of the recommendations at the earliest opportunity, as part of the annual FDGiA Investment Programme refresh and/or when other appropriate sources of funding are made available.</p> <p>Repairing damages from Storm Desmond</p> <p>No formal flood defences.</p> <p>Modelling and forecasting post-event model re-runs</p> <p>Update the river level model with the most recent flow data available from Storm Desmond to develop and support any future schemes.</p>	<p>Draft Flood Investigation Report published summer 2016</p> <p>Short term (within next 12 months)</p>	<p>Environment Agency</p> <p>Environment Agency</p> <p>Environment Agency</p>	<p>£70,000 (Cumbria wide spend)</p>

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		<p>Understanding Bridges</p> <p>Review the role that bridges play in flood risk and their vulnerability during a flood</p>	Short term – strategic review within the next 12 months	Cumbria County Council Environment Agency	
<p>Upstream management</p> 	Natural flood management approaches are starting to be applied to the sub-catchments of Patterdale Beck and Grisedale Beck.	Explore further opportunities to increase the scale of natural flood management approaches. This will be either slow the flow of water or to help reduce erosion – reducing the volume of sediment getting into watercourses.	Medium term (2-5 years) or long term (over 5 years)	Farmers Landowners Community groups Trusts	Full costs being calculated. Likely sources, partner contributions, specific catchment management grants, government.
<p>Maintenance</p> 	<p>The Environment Agency does not have any formal flood defences in Patterdale.</p> <p>The Environment Agency will respond to blockages that may increase flood risk. There is no ongoing frequent maintenance.</p> <p>The planned maintenance programme is available at: https://www.gov.uk/government/publications/river-and-coastal-maintenance-programme</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>	Short (within next 12 months)	Communities Environment Agency Parish and district Councils	
<p>Resilience</p> 	Patterdale Parish Community Flood Group are currently developing a community action plan.	<p>Work with community action group to complete the emergency plan.</p> <p>Work with communities to establish a network of Emergency Groups to share learning and best practice.</p>	Emergency Plan to be in place before winter 2016.	Environment Agency (Flood Warning & Community Resilience) Communities Parish & District Councils Local Government	Local Levy, Flood Defence Grant in Aid
	There are currently no flood warning areas in Patterdale	Plans for flood warning areas are being investigated.			
	Local authorities are administering the Flood Recovery and Resilience Grants.	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.	Closing date for Grant applications – end of March 2017		Resilience grants of £5k per property

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Water Level Management Boards 	There are no Water Level Management Boards in this area				