

<p><b>Cumbria flood action plan</b></p> <p><b>Warwick Bridge community action table</b></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 the 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 <a href="http://www.gov.uk">www.gov.uk</a> and searching Cumbria flood action plan.</p>	<p><b>Warwick bridge better protected</b></p> <p><b>1) Do now (within next 12 months):</b></p> <ul style="list-style-type: none"> <li>• Publish and review flood investigation report</li> <li>• Complete appraisals of possible actions to manage flood risk</li> </ul> <p><b>2) Develop (2-5 years):</b></p> <ul style="list-style-type: none"> <li>• Take forward recommendations in the flood investigation report and identify possible options to reduce flood risk</li> <li>• Continue to support sharing knowledge and best practice through the network for Community Action Groups</li> </ul> <p><b>3) Explore (5+ years):</b></p> <ul style="list-style-type: none"> <li>• Develop opportunities for natural flood risk management and engineered storage where feasible</li> </ul>
<p><b>Catchment: Eden</b></p> <p><b>Impact of December 2015 flood:</b> Approximately 42 homes and businesses were flooded in Warwick Bridge and Warwick-on-Eden.</p> <p><b>Description:</b> Warwick Bridge is a village east of Carlisle on the A69 and has a population of approximately 1300. Cairn Beck and Troutbeck flow through the south of the village into the River Eden to the west of the village which then flows northwards.</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><b>Strengthening flood defences</b></p> 	<p>The Environment Agency maintains sections of main river including open channels and culverts, as well as 32m of flood wall in Warwick Bridge.</p>	<p><b>Improved defences</b></p> <p>Review the recommendations from the Flood Investigation Report and National Resilience Review to develop integrated flood risk management solutions.</p> <p>Although there may be no funding identified in the currently consented Flood Defence Grant in Aid (FDGiA) Investment Programme, we have included this location in the current appraisal package and we will submit a bid for funding for viable projects at the earliest opportunity, when funding becomes available.</p>	<p>Draft Flood Investigation Report published summer 2016</p>	<p>Environment Agency</p>	
		<p>Review the recommendations from the Flood Investigation Report and National Resilience Review to develop integrated flood risk management solutions and review maintenance practices.</p>	<p>Draft Flood Investigation Report published summer 2016</p>	<p>Environment Agency</p>	
		<p><b>Repairing damages from Storm Desmond</b></p> <p>No repairs were required following Storm Desmond.</p>		<p>Environment Agency</p>	

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		<p><b>Modelling and forecasting post-event model re-runs</b></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>	Short term (within next 12 months)	Environment Agency	£70,000 (Cumbria wide spend)
		<p><b>Understanding Bridges</b></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><b>Upstream management</b></p> 	<p>Currently there no use of upstream management approaches in the sub-catchments upstream of Warwick Bridge.</p>	<p>Explore opportunities for engineered and natural flood management solutions to be used upstream in order to 'slow the flow' and manage peak river levels.</p>	Medium term (2-5 years) or long term (over 5 years)	Farmers Landowners Community groups Trusts	
<p><b>Maintenance</b></p> 	<p>The Environment Agency maintains sections of main river including open channels and culverts, as well as 32m of flood wall in Warwick Bridge.</p> <p>These assets and the river channel are maintained by the Environment Agency on an ongoing basis. This includes managing vegetation, assessing and removing gravel. The flood defence assets and other structures are also inspected and any necessary works carried out.</p> <p>In this area, the Environment Agency inspects and clears debris screens as part of its operational response to heavy rainfall.</p> <p>The planned maintenance programme is available at: <a href="https://www.gov.uk/government/publications/river-and-coastal-maintenance-programme">https://www.gov.uk/government/publications/river-and-coastal-maintenance-programme</a> This year's scheduled maintenance will be completed by the end of the year.</p>	<p>The 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: <a href="https://www.gov.uk/government/publications/river-and-coastal-maintenance-programme">https://www.gov.uk/government/publications/river-and-coastal-maintenance-programme</a></p>	Short (within next 12 months)	Communities Environment Agency Parish and District Councils	
<p><b>Resilience</b></p> 	<p>There is no community action group in Warwick Bridge.</p>	<p>Work with communities to establish a network of Emergency Groups to share learning and best practice.</p>		Environment Agency (Flood Warning & Community Resilience) Communities Parish & District Councils Local Government	Local Levy, Flood Defence Grant in Aid
	<p>Warwick Bridge currently receives Flood Warnings with an uptake of 77% of at risk properties registered to the service.</p>	<p>Work to increase uptake of residents registered to the flood warning service.</p>			

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	Local authorities are administering the Flood Recovery and Resilience Grants.	People who flooded in December 2015 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	District Council	Resilience grants of £5,000 per property
<b>Water Level Management Boards</b> 	There are no Water Level Management Boards in this area.				