

<p>Cumbria flood action plan</p> <p>Grasmere 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>Grasmere 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 <p>2) Develop (2-5 years):</p> <ul style="list-style-type: none"> • Improvements to flood risk management assets and watercourses in response to the flood investigation report. • Continue to support sharing knowledge and best practice through the network for Community Action Groups <p>3) Explore (5+ years):</p> <ul style="list-style-type: none"> • Implement opportunities for natural flood risk management and engineered storage upstream of Grasmere
<p>Catchment: Kent/Leven</p> <p>Impact of December 2015 flood: Approximately 100 homes and businesses were flooded.</p> <p>Description: Grasmere is a village in the north of the Leven catchment, in the heart of the Lake District. It is linked by the river Rothay and the water bodies Grasmere and Rydal Water to Ambleside. Downstream of Ambleside, the Rothay flows into Lake Windermere. Flood risk in both settlements is from the Rothay. Grasmere has a permanent population of 3900.</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>There are no formal flood defences to maintain in Grasmere, however the river channel is maintained on an ongoing basis. This includes managing vegetation and removing gravel.</p> <p>Assets and other structures are also inspected.</p>	<p>Improved defences</p> <p>Review the recommendations from the Section 19 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 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>Provide access to additional national mobile defences.</p> <p>Repairing damages from Storm Desmond</p> <p>Work completed: Although there are no formal flood defences in Grasmere, £25, 000 has being invested to remove the gravel that was deposited in the river channel during the storms of December 2015. This work is complete with over 1,200 tonnes removed from the river channel.</p>	<p>Flood Investigation Report due summer 2016</p> <p>Available before winter 2016</p> <p>Complete</p>	<p>Environment Agency</p>	<p>£25,000 from central government</p>

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		<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>	Short term (within next 12 months)	Environment Agency	£70,000 (Cumbria wide spend)
		<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> 	<p>Currently there is limited use of Upstream Management in the sub-catchments upstream of Grasmere.</p>	<p>Explore opportunities for engineered and natural flood management solutions to be used upstream of Grasmere in order to 'slow the flow' and manage peak river levels</p>	Medium term (5 years) or long term (over 5 years)	Farmers Landowners Community Groups Trusts	
		<p>Continue to work with the South Cumbria Rivers Trust and the Cumbria Peat Partnership to identify suitable sites and access funding to restore peatland, which will help to reduce flood risk.</p>	Medium term (5 years)	Cumbria Wildlife Trust Natural England, South Cumbria Rivers Trust, Forestry Commission	Esmee Fairburn Foundation
<p>Maintenance</p> 	<p>There are no formal flood defences to maintain in Grasmere, however the river channel is maintained on an ongoing basis. This includes managing vegetation and removing gravel. Assets and other structures are also inspected.</p> <p>The river channel is maintained by the Environment Agency on an ongoing basis. This includes managing vegetation and removing gravel. The flood wall, embankment and other structures are also inspected and any necessary works carried out.</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>	Short (within next 12 months)	Communities Environment Agency Parish and district Councils	

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Resilience 	The Grasmere Flood Action Group is an active group. The group with the support of the Environment Agency is currently developing an Emergency Plan.	Work with the Flood Action Group and Parish Council to ensure that they are able continue into the future. Continue to work with communities to establish network of Flood Action Groups to share learning and best practice.	Emergency Plan to be in place before winter 2016.	Environment Agency (Flood Warning & Community Resilience) Communities Parish & District Councils Local Government	Local Levy, central government Flood Defence Grant in Aid
	Grasmere currently receives flood alerts, however the nature of the catchment and rapid response (flashy) watercourses does not allow enough time for effective flood warnings to be issued	Work with the Community Action Group to develop a system of community based monitoring that will enable some level of Flood Warning to be adopted.	Before winter 2016		
	South Lakeland District Council is administering the Flood Recovery and Resilience Grants.	Provide additional support to DCLG and Local Authorities to improve the uptake of the £5,000 Government resilience grants to help people better protect their homes. Applications can be made up until December 2016. 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 December 2016		Resilience grants of £5k per property
Water Level Management Boards 	There are no Water Level Management Boards in this area				