

Dorset Stour Catchment Flood Management Plan – Revised Action Plan

Policy Unit 1 – Bournemouth and Christchurch

Policy 4 – Areas of low, moderate or high flood risk where we are already managing the flood risk effectively but where we may need to take further actions to keep pace with climate change

Year Added	Action	Objective	Monitoring indicator	Success criteria	Organisations responsible (lead at top)	Timescale	Priority
2009	Strengthen Development Control advice, including the use of SuDS, through Local Development Framework policies to ensure no increase in runoff from new developments and seek opportunities to reduce runoff, where possible.	Ensure flood damages do not significantly increase. Ensure Local Planning decisions are suited to flood risk.	Annual average damages (£AAD) Estimated damages (£) Number of objections from Environment Agency	Appropriate policies in LDFs	Environment Agency Bournemouth BC Christchurch BC	Ongoing	High
2011	Develop Surface Water Management Plans for Bournemouth & Christchurch.	Ensure flood damages do not significantly increase.	Annual average damages (£AAD) Estimated damages (£)	SWMPs completed NI188 achieved	Bournemouth and Christchurch Borough Councils and Dorset County Council Environment Agency Wessex Water	2011 - 2015	High
2009	Undertake a study of resilience of Iford, railway and Tuckton bridges under flood conditions and from extreme tides.	Ensure continuity of structures in flood conditions.	Structures in place and operational after flood. Repair costs (£)	Study complete	Environment Agency Highway Agency Network Rail	2008 - 2010	Medium
2009	Assess potential for improving current defences, to retain standard of protection in the future, as part of the System Asset Management Plan.	Ensure flood damages do not increase due to future changes in urban development and climate change.	Annual average damages (£AAD) Estimated damages (£)	SAMP complete	Environment Agency	Ongoing	Medium
2011	Install monitoring equipment to quantify surface water flooding in urban areas.	Ensure that the impact of flooding on people and property does not significantly increase.	Numbers of people and property affected by the 1% AEP flood.	Equipment operational	Bournemouth and Christchurch Borough Councils and Dorset County Council Environment Agency	2011-2015	High

Year Added	Action	Objective	Monitoring indicator	Success criteria	Organisations responsible (lead at top)	Timescale	Priority
2009	Increase coverage of Flood Warnings Direct service, in Bournemouth & Christchurch	Ensure flood damages do not significantly increase.	Annual average damages (£AAD) Estimated damages (£)	Coverage of FWD service to be greater than 77%	Environment Agency	Ongoing	High
2009	Improve and develop emergency response & Major Incident Plans.	MIP continuity at Christchurch	Number of people and properties affected by flooding. Number of critical infrastructure sites flooded	Attendance at emergency response planning sessions.	Environment Agency Bournemouth BC Christchurch BC Police and other blue light services	Ongoing	High

Policy Unit 2 – St Leonards, Verwood, Moors and Dorset Heaths

Policy 6 – Areas of low to moderate flood risk where we will take action with others to store water or manage run-off in locations that provide overall flood risk reduction or environmental benefits

Year Added	Action	Objective	Monitoring indicator	Success criteria	Organisations responsible (lead at top)	Timescale	Priority
2009	Develop a Moors and Heaths Strategy to investigate locations for flood attenuation and wetland creation	Restore flood-plains to a naturally functioning state.	Areas of wetland and ponds (ha) Length of bank stabilisation (km)	Attenuation and wetland locations identified	Environment Agency Natural England Dorset Wildlife Trust	2008 - 2013	Medium
2009	Set up working groups to explore and encourage Agri-Environment and Woodland Scheme grants to help fund the change of land use and its management to increase water retention in the sub-catchment.	Ensure that rainfall run-off is retained or retarded in upland areas to prevent downstream flood damage.	Numbers of people and property affected by the 1% AEP flood in downstream policy unit (PU1).	Agri-Environment and Woodland Schemes established	Environment Agency Natural England Forestry Commission National Farmers Union	2008 - 2013	Low

Year Added	Action	Objective	Monitoring indicator	Success criteria	Organisations responsible (lead at top)	Timescale	Priority
2011	Encourage and influence the uptake of Agri-Environment Schemes to provide better land use practice with respect to rainfall run-off.	Ensure flood damages do not significantly increase in the Crane and Moors Rivers	Annual average damages (£AAD) Estimated damages (£)	Agri-Environment Schemes set up	Environment Agency National Farmers Union	2008 - 2013	Low
2009	Strengthen Development Control advice, including the use of SuDS, through Local Development Framework policies to ensure no increase in runoff from new developments and seek opportunities to reduce runoff, where possible.	Ensure flood damages do not significantly increase. Ensure Local Planning decisions are suited to flood risk.	Annual average damages (£AAD) Estimated damages (£) Number of objections from Environment Agency	Deliver advice and guidance to local planning authorities	Environment Agency East Dorset DC	Ongoing	High
2011	Develop a Surface Water Management Plan for Verwood, Ferndown and St Leonards.	Ensure flood damages do not significantly increase.	Annual average damages (£AAD) Estimated damages (£)	SWMPs completed NI188 achieved	Dorset County Council Environment Agency Wessex Water East Dorset DC	2008 - 2013	High
2009	Continue to provide Flood Warnings Direct service, including installation of a rainfall and river flow monitoring equipment.	Ensure that the impact of flooding on people and property does not significantly increase.	Numbers of people and property affected by the 1% AEP flood.	Coverage of Flood Warnings Direct service to be greater than 77%. Equipment operational	Environment Agency	Ongoing	High

Policy Unit 3 – Wimborne Minster, Corfe Mullen and Sturminster Marshall

Policy 3 – Areas of low to moderate flood risk where we are generally managing existing flood risk effectively

Year Added	Action	Objective	Monitoring indicator	Success criteria	Organisations responsible (lead at top)	Timescale	Priority
2009	Continue to provide Development Control advice, including the use of SuDS, through Local Development Framework policies to ensure no increase in runoff from new developments and seek opportunities to reduce runoff, where possible.	Ensure flood damages do not significantly increase. Ensure Local Planning decisions are suited to flood risk.	Annual average damages (£AAD) Estimated damages (£) Number of objections from Environment Agency	Deliver advice and guidance to local planning authorities.	Environment Agency East Dorset DC Poole BC	Ongoing	High
2011	Develop Surface Water Management Plans for Wimborne Minster, Corfe Mullen and Sturminster Marshall.	Ensure flood damages do not significantly increase.	Annual average damages (£AAD) Estimated damages (£)	SWMPs completed.	Dorset County Council Environment Agency Wessex Water East Dorset DC Poole BC	2011 - 2015	High
2009	Assess potential for improving current defences, to retain standard of protection in the future, as part of the System Asset Management Plan.	Ensure flood damages do not increase due to future changes in urban development and climate change.	Annual average damages (£AAD) Estimated damages (£)	SAMP complete.	Environment Agency	Ongoing	Medium
2009	Continue to provide Flood Warnings Direct service.	Ensure that the impact of flooding on people and property does not significantly increase.	Numbers of people and property affected by the 1% AEP flood.	Coverage of FWD service to be greater than 77%.	Environment Agency	Ongoing	High
2009	Continue practice and development of emergency response & Major Incident Plans.	MIP continuity at Sturminster Marshall and Wimborne Minster	Number of people and properties affected by flooding. Number of critical infrastructure sites flooded	Attendance at emergency response planning sessions.	Environment Agency East Dorset DC Poole BC Police and other blue light services	Ongoing	High
2009	Continue with existing level of maintenance, looking for efficiencies and improvements.	Ensure channels and assets operate efficiently for appropriate level of risk.	Maintenance expenditure is a suitable ratio to annual average damages (£).	Current condition of assets maintained	Environment Agency	Ongoing	Medium

Policy Unit 7 – Hambleton Hills

Policy 3 – Areas of low to moderate flood risk where we are generally managing existing flood risk effectively

Year Added	Action	Objective	Monitoring indicator	Success criteria	Organisations responsible (lead at top)	Timescale	Priority
2009	Continue to provide Development Control advice, including the use of SuDS, through Local Development Framework policies to ensure no increase in runoff from new developments and seek opportunities to reduce runoff, where possible.	Ensure flood damages do not significantly increase. Ensure Local Planning decisions are suited to flood risk.	Annual average damages (£AAD) Estimated damages (£) Number of objections from Environment Agency	Deliver advice and guidance to local planning authorities.	Environment Agency North Dorset DC	Ongoing	High
2009	Set up working groups to explore and encourage Agri-Environment and Woodland Scheme grants to help fund the change of land use and its management to increase water retention in the sub-catchment.	Ensure that rainfall runoff is retained or retarded in upland areas to prevent downstream flood damage.	Numbers of people and property affected by the 1% AEP flood in downstream policy unit (PU1).	Agri-Environment and Woodland Schemes established	Environment Agency Natural England Forestry Commission National Farmers Union	2008 - 2013	Low
2011	Develop Surface Water Management Plans or seek property resilience grants for Shillingstone.	Ensure flood damages do not significantly increase.	Annual average damages (£AAD) Estimated damages (£)	SWMPs completed.	Dorset County Council Environment Agency Wessex Water North Dorset DC	2008 - 2013	High
2009	Continue to provide Flood Warnings Direct service, including installation of a rainfall and river flow monitoring equipment.	Ensure that the impact of flooding on people and property does not significantly increase.	Numbers of people and property affected by the 1% AEP flood.	Coverage of FWD service to be greater than 77%. Equipment operational.	Environment Agency	Ongoing	High
2009	Continue practice and development of emergency response plans.	Ensure the impact of flooding on people and property does not significantly increase.	Number of people and properties affected by flooding. Number of critical infrastructure sites flooded	Attendance at emergency response planning sessions.	Environment Agency North Dorset DC Police and other blue light services	Ongoing	High
2009	Continue with existing level of maintenance , looking for efficiencies and improvements.	Ensure channels and assets operate efficiently for appropriate level of risk.	Maintenance expenditure is a suitable ratio to annual average damages (£).	Current condition of assets maintained	Environment Agency North Dorset DC	Ongoing	Medium

Policy Unit 8 – Upper Stour and Blackmore Vale

Policy 6 – Areas of low to moderate flood risk where we will take action with others to store water or manage run-off in locations that provide overall flood risk reduction or environmental benefits

Year Added	Action	Objective	Monitoring indicator	Success criteria	Organisations responsible (lead at top)	Timescale	Priority
2009	Develop a Blackmore Vale & Upper Stour Strategy to investigate locations for flood attenuation and wetland creation	Restore flood-plains to a naturally functioning state.	Areas of wetland and ponds (ha) Length of bank stabilisation (km)	Attenuation and wetland locations identified	Environment Agency Natural England Dorset Wildlife Trust	2008 - 2013	Medium
2009	Set up working groups to explore and encourage Agri-Environment and Woodland Scheme grants to help fund the change of land use and its management to increase water retention in the sub-catchment.	Ensure that rainfall run-off is retained or retarded in upland areas to prevent downstream flood damage.	Numbers of people and property affected by the 1% AEP flood in downstream policy unit (PU1).	Agri-Environment and Woodland Schemes established	Environment Agency Natural England Forestry Commission National Farmers Union	2008 - 2013	Low
2011	Encourage and influence the uptake of Agri-environment schemes to provide better land use practice with respect to rainfall run-off.	Ensure flood damages do not significantly increase in the Crane and Moors Rivers	Annual average damages (£AAD) Estimated damages (£)	Agri-Environment Schemes set up Targeted audits and advice delivered.	Environment Agency National Farmers Union	2008 - 2013	Low
2009	Strengthen Development Control advice, including the use of SuDS, through Local Development Framework policies to ensure no increase in runoff from new developments and seek opportunities to reduce runoff, where possible.	Ensure flood damages do not significantly increase. Ensure Local Planning decisions are suited to flood risk.	Annual average damages (£AAD) Estimated damages (£) Number of objections from Environment Agency	Deliver advice and guidance to local planning authorities	Environment Agency South Somerset DC Salisbury DC West Dorset DC North Dorset DC	Ongoing	High
2011	Develop a Surface Water Management Plan for Wincanton, and Sturminster Newton.	Ensure flood damages do not significantly increase.	Annual average damages (£AAD) Estimated damages (£)	SWMPs completed	Dorset County Council Environment Agency Wessex Water South Somerset DC North Dorset DC	2008 - 2013	High
2009	Continue to provide Flood Warnings Direct service.	Ensure that the impact of flooding on people and property does not significantly increase.	Numbers of people and property affected by the 1% AEP flood.	Coverage of Flood Warnings Direct service to be greater than 77%	Environment Agency	Ongoing	High

Policy Unit 10 – Stourhead

Policy 3 – Areas of low to moderate flood risk where we are generally managing existing flood risk effectively

Year Added	Action	Objective	Monitoring indicator	Success criteria	Organisations responsible (lead at top)	Timescale	Priority
2009	Continue to provide Development Control advice, including the use of SuDS, through Local Development Framework policies to ensure no increase in runoff from new developments and seek opportunities to reduce runoff, where possible.	Ensure flood damages do not significantly increase. Ensure Local Planning decisions are suited to flood risk.	Annual average damages (£AAD) Estimated damages (£) Number of objections from Environment Agency	Deliver advice and guidance to local planning authorities.	Environment Agency South Somerset DC Salisbury DC	Ongoing	High
2009	Set up working groups to explore and encourage Agri-Environment and Woodland Scheme grants to help fund the change of land use and its management to increase water retention in the sub-catchment.	Ensure that rainfall runoff is retained or retarded in upland areas to prevent downstream flood damage.	Numbers of people and property affected by the 1% AEP flood in downstream policy unit (PU1).	Agri-Environment and Woodland Schemes established	Environment Agency Natural England Forestry Commission National Farmers Union	2008 - 2013	Low
2009	Continue practice and development of emergency response plans.	Ensure the impact of flooding on people and property does not significantly increase.	Number of people and properties affected by flooding. Number of critical infrastructure sites flooded	Attendance at emergency response planning sessions.	Environment Agency South Somerset DC Salisbury DC Police and other blue light services	Ongoing	High
2009	Continue with existing level of maintenance, looking for efficiencies and improvements.	Ensure channels and assets operate efficiently for appropriate level of risk.	Maintenance expenditure is a suitable ratio to annual average damages (£).	Current condition of assets maintained	Environment Agency	Ongoing	Medium
2011	Ensure undertaker is managing reservoir correctly	Effectively manage level of risk from reservoirs	Number of people and properties affected by flooding.	Reservoir inspections complete, matters of interest and safety addressed and records kept	Environment Agency Reservoir undertaker	Ongoing	High

Schedule of Change

CFMPs remain live documents. As such, our understanding of risk and the actions (measures) to manage these risks are liable to change. Since the publication of the Dorset Stour CFMP in December 2009 a number of changes have taken place. Below is a summary of changes to the actions (measures) since its publication in 2009.

Policy Location	Action	Comment	Change	Date of change
<p>2011</p> <p>Following the introduction of the Flood Risk Regulations (2009) and the Flood and Water Management Act (2010) the roles and responsibilities of flood risk management authorities has changed.</p> <p>As well as this, a framework for implementation has been developed which has altered our approach to annual monitoring. As such, a whole scale review of actions (measures) within the South West has been undertaken to ensure CFMPs adequately reflect these important pieces of legislation.</p> <p>Changes to this action plan include:-</p> <ul style="list-style-type: none"> • Deletion of one action and replacement with new. • Amendment to eight actions • Inclusion of a schedule of change 				
Bournemouth and Christchurch	Develop Surface Water Management Plans for Bournemouth & Christchurch.	Lead organisations should be LLFA – Dorset County Council and Bournemouth	Set Lead Organisation as Bournemouth Borough Council and Dorset County Council Amend timescale to 2011 - 2015	September 2011
Bournemouth and Christchurch	Install monitoring equipment to quantify surface water flooding in urban areas.	Lead organisations should be LLFA – Dorset County Council and Bournemouth	Set Lead Organisation as Bournemouth Borough Council and Dorset County Council Amend timescale to 2011 – 2015	September 2011
St Leonards, Verwood, Moors and Dorset Heaths	Encourage and influence the uptake of Whole Farm Plans to provide better land use practice with respect to rainfall run-off.	The term Whole Farm Plans no longer used.	Replace 'Whole Farm Plans' with 'Agri-environment schemes'	September 2011

Policy Location	Action	Comment	Change	Date of change
St Leonards, Verwood, Moors and Dorset Heaths	Develop a Surface Water Management Plan for Verwood, Ferndown and St Leonards.	Lead organisations should be LLFA – Dorset County Council	Set Lead Organisation as Dorset County Council	September 2011
Wimborne Minster, Corfe Mullen and Sturminster Marshall	Develop Surface Water Management Plans for Wimborne Minster, Corfe Mullen and Sturminster Marshall.	Lead organisations should be LLFA – Dorset County Council	Set Lead Organisation as Dorset County Council Amend timescale to 2011 - 2015	September 2011
Hambledon Hills	Develop Surface Water Management Plans for Shillingstone.	Property resilience grant may be more appropriate.	Change wording to “Develop Surface Water Management Plans or seek grant for property resilience grants for Shillingstone.’	September 2011
		Lead organisation should be LLFA – Dorset County Council	Set lead organisation to Dorset County Council	September 2011
Upper Stour and Blackmore Vale	Develop a Surface Water Management Plan for Wincanton, Shaftesbury and Sturminster Newton.	Does Shaftesbury have a surface water problem, as on a hill?	Delete Shaftesbury from action.	September 2011
		Lead organisations should be LLFA – Dorset County Council	Set Lead Organisation as Dorset County Council	September 2011
Upper Stour and Blackmore Vale	Encourage and influence the uptake of Whole Farm Plans to provide better land use practice with respect to rainfall run-off.	Whole Farm Plans no longer in place. Superseded by specific audits nutrient soil or manure advice.	Replace ‘Whole Farm Plans’ with ‘Agri-environment schemes’	September 2011

Policy Location	Action	Comment	Change	Date of change
Stourhead	Continue practice and development of Reservoirs monitoring	Reservoir monitoring on ASM programme. Review action to give attainable target.	Delete current action. Replace with New Action. "Ensure undertaker is managing reservoir correctly." Suggested objective: "Effectively manage level of risk from reservoirs." Success criteria: "Reservoir inspections complete, matters of interest and safety actioned and records kept." Organisations; EA and Reservoir undertakers.	September 2011