

Hemyock Emergency Plan (HEP)

Annex A - Risk Assessment

HAZARD	LIKELIHOOD	SEVERITY	CONSEQUENCE
<i>ENVIRONMENTAL</i>			
Snow	Annual light falls Occasional heavy falls	Usually minor Occasionally heavy and prolonged	Disruption to amenities and transport network
Flooding	River Culm flood plain floods during periods of prolonged rainfall.	Part of parish in low-lying areas.	Disruption to transport & impact to housing in Millhayes area
	Minor watercourses flood during periods of prolonged rainfall.	A small number of properties affected	Properties and roads adjacent to watercourses may be affected.
	Occasional flash flooding from stream running through Cornhill	Stream quickly subsides	Small number of properties affected on ground floor.
	Surface water/run-off from fields frequent during periods of prolonged rainfall.	Minor impact primarily on roads	Roads adjacent to watercourses will be affected.
Wind	More frequent in winter months	Occasionally severe	Risk of death or injury. Potential for widespread damage to property and disruption to amenities, particularly power and communications.
Drought	Infrequent	Major disruption if water services reduced and standpipes introduced	Restrictions on usage.. Greater consequences for certain groups, e.g. elderly people.
Thunderstorms	Periodic, especially in summer	Can be severe	Disruption to amenities, e.g. power and communications

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TECHNICAL			
Loss of Power	Occasional short term but may be prolonged in severe weather	No alternative power source	Risk to elderly (heat, light, cooking) in prolonged power cut.
Industrial activities Minor industrial activity *	Low	Minor impact to property close to industrial units.	Minor risk
TRANSPORT			
Road Blocked B Roads through village and area	Unlikely as diversions available	Major impact to life/property /environment if hazardous substances involved	Danger to life/property/ environment
Air Flights from Exeter Airport And low flying military aircraft.	Possible but unlikely	Catastrophic especially in Hemyock village	Major impact to life/property /environment Long term disruption and recovery issues
MISCELLANEOUS			
Thatched properties Fire	Possible particularly during winter months	Impact on property concerned and adjacent premises	Spread of fire Possible need for temporary accommodation

* The **Brookridge Group** is 1 mile from the village centre but have chemicals on site most of which could cause pollution to water courses. It is not thought that they pose any real threat to Hemyock, however the Environment Agency would have to be told in an escape situation as water is extracted from the stream further down the valley. One of their treatment processes uses White Spirit as a carrying agent, if this ignited it would cause a considerable fire and a chance of explosion. The village is too far away for this to cause concern in the company's view. (information provided by the Managing director).