



# Hawick Flood Protection Scheme



## Defining Flood Risk



Lower

When a particular river or burn floods, the severity of the flood is often called a 1 in X year flood event. This terminology represents the probability of that flood event occurring in any year.

This means that the October 2005 event in Hawick had a 1 in 50 chance of happening in that year.

This does not mean that the flood **will** occur once every fifty years; it could occur tomorrow and again next week, or not for 500 years. For example, the Bowmont Water suffered from 1 in 150 year and 1 in 200 year events in the space of 10 months



**1 in 500 year event:**  
Cockermouth: River Derwent  
November 2009



**1 in 400 year event:**  
Boscastle: River Valency  
August 2004



**1 in 200 year event:**  
Tewkesbury: River Severn  
July 2007



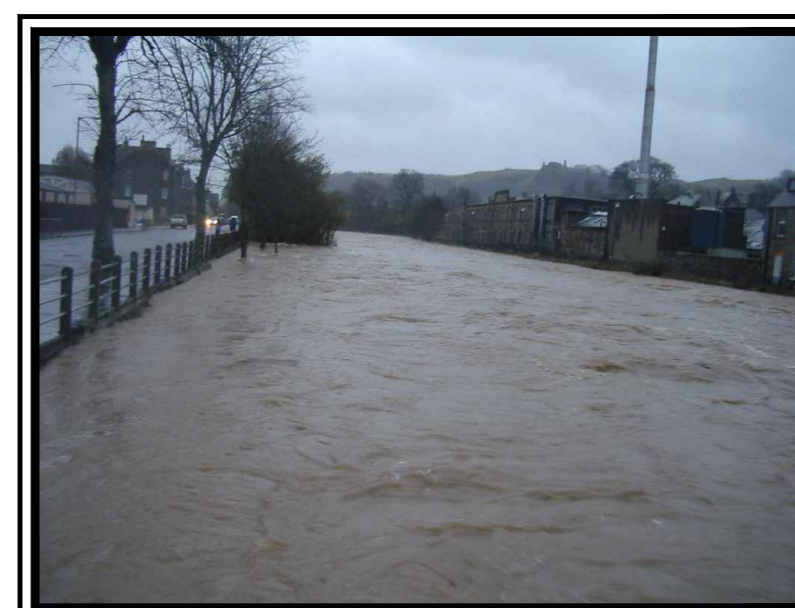
**1 in 150 year event:**  
Morpeth: River Wansbeck  
September 2008



**1 in 50 year event (approx):**  
Selkirk: Long Philip Burn  
May 2003



**1 in 50 year event:**  
Hawick: River Teviot  
October 2005



**1 in 10 year event:**  
Hawick: River Teviot  
November 2009



**1 in 200 year event:**  
Yetholm: Bowmont Water  
July 2009



Probability

Higher

Severity