

## Flood Risk on the Isle of Wight

Catchment	Number of properties in the floodplain at flood risk from annual probability 1% event (no defences)			
	Communities	Commercial property	Residential properties	Totals
Eastern Yar	Various	43	72	115
Monkton Mead Brook	Ryde	65	325	390
River Medina	Newport	200	398	598
Gurnard Luck	Gurnard	0	24	24
Newtown River	Porchfield	0	63	63
Western Yar	Freshwater	24	48	72
	Total	336	930	

Catchment	Annual Average Damages (AAD) from flooding in the catchment with no defences		
	Commercial property (£M)	Residential properties (£M)	Flood depth
Eastern Yar	0	0.465	Unknown
Monkton Mead Brook	5.248	1.667	<1.75m
River Medina	6.449	1.775	<1.75m
Gurnard Luck	0	0.1	<1.75m
Western Yar	2.242	0.546	<1.75m
Total	13.939	4.553	

Estimated economic damage to key communities from a 1 in 100 year fluvial flood event		
Community	Primary source	Economic damage (£)
St Helens; Brading; Sandown; Whitwell; Wroxall	Eastern Yar	23.3m
Ryde	Monkton Mead Brook	40.2m
Newport	River Medina	41.4m
Gurnard	Gurnard Luck	0.67m
Freshwater	Western Yar	14.2m