

CHAPTER 4 - RESIDENTIAL PROPERTY DATA

Table 4.1
Categories of flood water

Table 4.2
The range of possible flood impacts on households

Table 4.3
Social grade categorisation

Table 4.4
Types of project appraisals

Table 4.5
Weighted Annual Average Damages

Table 4.6
Estimate of the number of properties affected by different floods

Table 4.7
Intangible benefits associated with FRM improvements

Table 4.8
Probability of evacuation and the duration in relation to flood depth

Standard (fluvial) Depth/Damage Data

OVERVIEW APPRAISAL	INITIAL APPRAISAL	FULL-SCALE APPRAISAL
SHORT DURATION No warning	SHORT DURATION No warning	SHORT DURATION No warning
SHORT DURATION With warning < 8hrs	SHORT DURATION With warning < 8hrs	SHORT DURATION With warning < 8hrs
SHORT DURATION With warning > 8hrs	SHORT DURATION With warning > 8hrs	SHORT DURATION With warning > 8hrs
LONG DURATION No warning	LONG DURATION No warning	LONG DURATION No warning
LONG DURATION With warning < 8hrs	LONG DURATION With warning < 8hrs	LONG DURATION With warning < 8hrs
LONG DURATION With warning > 8hrs	LONG DURATION With warning > 8hrs	LONG DURATION With warning > 8hrs
EVACUATION COSTS	EVACUATION COSTS	EVACUATION COSTS

Short Duration Major Flood Storm No Warning (2013-2014 Price base)

		MCM Damage data direct damage (£) - Overview Appraisal									
MCM code	Property Type	-0.3	0	0.05	0.1	0.2	0.3	0.6	0.9	1.2	
0	Residential Sector Average	1,031	1,031	6,468	10,334	17,386	21,241	26,239	28,562	31,590	
11	Detached	937	937	8,490	14,011	24,084	29,960	36,393	40,154	44,479	
12	Semi-detached	1,254	1,254	6,009	9,544	16,002	19,546	24,179	26,182	29,078	
13	Terrace	1,089	1,089	5,559	8,673	14,692	17,853	22,184	23,960	26,492	
14	Bungalow	875	875	9,057	14,489	23,237	28,065	34,434	38,073	42,471	
15	Flat	731	731	5,787	9,334	15,852	19,298	24,159	26,109	28,450	

Short Duration Major Flood Storm No Warning (2013-2014 Price base)

		MCM Damage data direct damage (£) - Initial Appraisal										
Property-Type	MCM code	Property Type - Age	-0.3	0	0.05	0.1	0.2	0.3	0.6	0.9	1.2	1.5
Detached	111	pre-1919 Detached	1,567	1,567	14,655	25,591	42,800	53,160	62,881	69,830	76,159	83,733
	112	1919-1944 Detached	984	984	6,876	11,081	19,452	23,877	29,009	31,466	35,347	39,071
	113	1945-1964 Detached	863	863	8,428	13,619	23,216	28,081	33,675	36,714	40,585	44,002
	114	1965-1974 Detached	737	737	6,946	11,127	19,452	23,837	29,039	31,554	35,162	38,105
	115	1975-1985 Detached	773	773	7,688	12,238	21,445	26,801	32,929	36,692	40,444	43,722
	117	utility Detached	625	625	2,426	3,519	5,030	6,256	7,128	8,391	10,190	12,172
Semi-detached	118	post-1985 Detached	773	773	7,587	12,247	21,574	27,526	34,393	38,491	42,881	46,281
	121	pre-1919 Semi-Detached	1,446	1,446	5,882	9,027	15,506	19,076	23,712	25,750	28,748	31,399
	122	1919-1944 Semi-Detached	1,470	1,470	6,572	10,356	17,052	20,613	25,250	27,274	30,127	32,487
	123	1945-1964 Semi-Detached	1,470	1,470	6,518	10,296	16,989	20,546	25,179	27,201	30,052	32,409
	124	1965-1974 Semi-Detached	645	645	5,251	8,534	14,861	18,238	22,750	24,613	27,644	30,244
	125	1975-1985 Semi-Detached	614	614	4,987	8,190	14,623	18,281	23,070	25,345	28,055	30,169
Terrace	127	utility Semi-Detached	627	627	2,376	3,496	4,969	6,231	7,153	8,324	9,787	11,443
	128	post-1985 Semi-Detached	614	614	4,934	8,249	14,788	18,905	24,361	26,913	30,185	32,305
	131	pre-1919 Terrace	1,385	1,385	6,128	9,191	15,643	19,328	24,177	26,164	28,622	30,895
	132	1919-1944 Terrace	1,433	1,433	6,873	10,988	18,861	22,410	27,126	29,122	31,856	33,964
	133	1945-1964 Terrace	911	911	4,019	5,921	8,811	9,857	12,180	13,323	15,468	16,681
	134	1965-1974 Terrace	706	706	5,781	9,403	16,105	19,603	24,179	26,184	29,122	31,372
	135	1975-1985 Terrace	530	530	4,652	7,548	13,510	16,695	21,030	22,656	24,879	26,481
	137	Utility Terrace	613	613	2,208	3,225	4,459	5,644	6,656	7,892	9,204	10,804
138	post-1985 Terrace	530	530	4,603	7,629	13,711	17,399	22,484	24,416	27,266	28,852	
141	pre-1919 Bungalow	1,263	1,263	6,889	10,425	18,248	22,526	28,125	30,946	33,806	36,154	

Return to INDEX

2013-2014 Price base Short Duration Major Flood Storm No Warning

		MCM Damage data direct damage (£) - Full-scale Appraisal										
Property-Type	MCM code	Property Type - Age - Social Grade	-0.3	0	0.05	0.1	0.2	0.3	0.6	0.9	1.2	
Detached	pre-1919	1111 pre-1919 Detached Social Grade AB	1,567	1,567	17,384	29,724	53,237	66,050	77,208	84,951	91,774	
		1112 pre-1919 Detached Social Grade C1	1,567	1,567	15,565	26,814	45,728	56,855	66,327	73,012	79,378	
		1113 pre-1919 Detached Social Grade C2	1,567	1,567	12,969	23,096	36,293	45,066	54,633	61,502	67,473	
		1114 pre-1919 Detached Social Grade DE	1,567	1,567	11,343	20,688	30,659	38,122	46,420	52,690	58,561	
	1919-1944	1121 1919-1944 Detached Social Grade AB	984	984	8,535	13,923	25,815	32,118	38,608	41,873	46,278	
		1122 1919-1944 Detached Social Grade C1	984	984	7,223	11,807	20,523	25,215	30,182	32,464	36,474	
		1123 1919-1944 Detached Social Grade C2	984	984	6,076	9,538	16,397	19,989	24,929	27,216	30,634	
		1124 1919-1944 Detached Social Grade DE	984	984	4,940	7,728	12,259	14,575	18,311	20,035	23,383	
	1945-1964	1131 1945-1964 Detached Social Grade AB	863	863	10,638	17,556	31,180	38,203	45,399	49,512	53,955	
		1132 1945-1964 Detached Social Grade C1	863	863	9,034	15,054	25,107	30,449	35,997	39,059	43,051	
		1133 1945-1964 Detached Social Grade C2	863	863	7,180	10,922	18,713	22,402	27,564	30,110	33,500	
		1134 1945-1964 Detached Social Grade DE	863	863	5,802	8,840	14,024	16,411	20,321	22,276	25,572	
	1965-1974	1141 1965-1974 Detached Social Grade AB	737	737	8,604	13,964	25,791	31,994	38,515	41,762	45,913	
		1142 1965-1974 Detached Social Grade C1	737	737	7,293	11,847	20,499	25,091	30,089	32,354	36,110	
1143 1965-1974 Detached Social Grade C2		737	737	6,146	9,590	16,428	20,064	25,133	27,537	30,705		
1144 1965-1974 Detached Social Grade DE		737	737	5,010	7,780	12,290	14,650	18,515	20,356	23,454		
1151 1975-1985 Detached Social Grade AB		773	773	9,641	15,428	28,728	36,029	43,503	48,050	52,343		
1152 1975-1985 Detached Social Grade C1		773	773	8,036	12,926	22,654	28,274	34,101	37,596	41,439		
1975-1985	1153 1975-1985 Detached Social Grade C2	773	773	6,807	10,608	17,906	22,389	28,451	32,139	35,451		
	1154 1975-1985 Detached Social Grade DE	773	773	5,430	8,526	13,217	16,397	21,208	24,304	27,523		

