




Chelmsford  
City Council



love every drop.  
anglianwater




Environment  
Agency



Essex  
Highways

CHELMSFORD  
SURFACE WATER FLOOD IMPACT SCORE



Essex County Council

CAPITA SYMONDS  
Flood Risk Management

Critical Drainage Area ID

CDA Name

CDA\_001

St Andrews - South

Validation

Validated

	Flood Risk Vulnerability Classification	Weighting	Weighting (flood depth > 0.5m)	Total number of units flooded (100yr ARI)	Number of units flooded where depth >0.5m (100yr ARI)	
Infrastructure	Essential Infrastructure	40	80	0	0	0
	Highly vulnerable	30	60	0	0	
	More vulnerable	20	40	0	0	
Households	Non-deprived (All)	2	4	27	0	54
	Non-deprived (Basements only)	4	8	0	0	
	Deprived (All)	4	8	0	0	
	Deprived (Basements only)	8	16	0	0	
Commercial / Industrial	Units (All)	1	2	0	0	0
	Units (Basements only)	2	4	0	0	
Total Units Flooded				27	0	
Impacts Score					54	

Critical Drainage Area ID

CDA Name

CDA\_002

St Andrews - North

Validation

Validated

	Flood Risk Vulnerability Classification	Weighting	Weighting (flood depth > 0.5m)	Total number of units flooded (100yr ARI)	Number of units flooded where depth >0.5m (100yr ARI)	
Infrastructure	Essential Infrastructure	40	80	0	0	0
	Highly vulnerable	30	60	0	0	
	More vulnerable	20	40	0	0	
Households	Non-deprived (All)	2	4	44	0	88
	Non-deprived (Basements only)	4	8	0	0	
	Deprived (All)	4	8	0	0	
	Deprived (Basements only)	8	16	0	0	
Commercial / Industrial	Units (All)	1	2	0	0	0
	Units (Basements only)	2	4	0	0	
Total Units Flooded				44	0	
Impacts Score					88	

Critical Drainage Area ID

CDA Name

CDA\_003

Patching Hall

Validation

Validated

	Flood Risk Vulnerability Classification	Weighting	Weighting (flood depth > 0.5m)	Total number of units flooded (100yr ARI)	Number of units flooded where depth >0.5m (100yr ARI)	
Infrastructure	Essential Infrastructure	40	80	0	0	0
	Highly vulnerable	30	60	0	0	
	More vulnerable	20	40	0	0	
Households	Non-deprived (All)	2	4	13	0	26
	Non-deprived (Basements only)	4	8	0	0	
	Deprived (All)	4	8	0	0	
	Deprived (Basements only)	8	16	0	0	
Commercial / Industrial	Units (All)	1	2	0	0	0
	Units (Basements only)	2	4	0	0	
Total Units Flooded				13	0	
Impacts Score					26	

Critical Drainage Area ID

CDA Name

CDA\_004

Broomfield South

Validation

Validated

	Flood Risk Vulnerability Classification	Weighting	Weighting (flood depth > 0.5m)	Total number of units flooded (100yr ARI)	Number of units flooded where depth >0.5m (100yr ARI)	
Infrastructure	Essential Infrastructure	40	80	0	0	0
	Highly vulnerable	30	60	0	0	
	More vulnerable	20	40	0	0	
Households	Non-deprived (All)	2	4	27	0	54
	Non-deprived (Basements only)	4	8	0	0	
	Deprived (All)	4	8	0	0	
	Deprived (Basements only)	8	16	0	0	
Commercial / Industrial	Units (All)	1	2	0	0	0
	Units (Basements only)	2	4	0	0	
Total Units Flooded				27	0	
Impacts Score					54	

Critical Drainage Area ID

CDA Name

CDA\_005

Broomfield Central

Validation

Validated

	Flood Risk Vulnerability Classification	Weighting	Weighting (flood depth > 0.5m)	Total number of units flooded (100yr ARI)	Number of units flooded where depth >0.5m (100yr ARI)	
Infrastructure	Essential Infrastructure	40	80	0	0	0
	Highly vulnerable	30	60	0	0	
	More vulnerable	20	40	0	0	
Households	Non-deprived (All)	2	4	38	3	88
	Non-deprived (Basements only)	4	8	0	0	
	Deprived (All)	4	8	0	0	
	Deprived (Basements only)	8	16	0	0	
Commercial / Industrial	Units (All)	1	2	0	0	0
	Units (Basements only)	2	4	0	0	
Total Units Flooded				38	3	
Impacts Score					88	

Critical Drainage Area ID

CDA\_006

CDA Name

The Lawns adnd Springfield North

Validation

Validated

	Flood Risk Vulnerability Classification	Weighting	Weighting (flood depth > 0.5m)	Total number of units flooded (100yr ARI)	Number of units flooded where depth >0.5m (100yr ARI)	
Infrastructure	Essential Infrastructure	40	80	0	0	0
	Highly vulnerable	30	60	0	0	
	More vulnerable	20	40	0	0	
Households	Non-deprived (All)	2	4	58	10	156
	Non-deprived (Basements only)	4	8	0	0	
	Deprived (All)	4	8	0	0	
	Deprived (Basements only)	8	16	0	0	
Commercial / Industrial	Units (All)	1	2	0	0	0
	Units (Basements only)	2	4	0	0	
Total Units Flooded				58	10	
Impacts Score					156	

Critical Drainage Area ID

CDA Name

CDA\_007

Springfield

Validation

Validated

Infrastructure	Flood Risk Vulnerability Classification	Weighting	Weighting (flood depth > 0.5m)	Total number of units flooded (100yr ARI)	Number of units flooded where depth >0.5m (100yr ARI)	
	Essential Infrastructure	40	80	0	0	0
	Highly vulnerable	30	60	0	0	
	More vulnerable	20	40	0	0	
Households	Non-deprived (All)	2	4	27	0	58
	Non-deprived (Basements only)	4	8	0	0	
	Deprived (All)	4	8	1	0	
	Deprived (Basements only)	8	16	0	0	
Commercial / Industrial	Units (All)	1	2	0	0	0
	Units (Basements only)	2	4	0	0	
Total Units Flooded				28	0	
Impacts Score					58	

Critical Drainage Area ID

CDA\_008

CDA Name

Chelmsford Rail

Validation

Validated

	Flood Risk Vulnerability Classification	Weighting	Weighting (flood depth > 0.5m)	Total number of units flooded (100yr ARI)	Number of units flooded where depth >0.5m (100yr ARI)	
Infrastructure	Essential Infrastructure	40	80	0	0	0
	Highly vulnerable	30	60	0	0	
	More vulnerable	20	40	0	0	
Households	Non-deprived (All)	2	4	3	0	10
	Non-deprived (Basements only)	4	8	0	0	
	Deprived (All)	4	8	1	0	
	Deprived (Basements only)	8	16	0	0	
Commercial / Industrial	Units (All)	1	2	0	0	0
	Units (Basements only)	2	4	0	0	
Total Units Flooded				4	0	
Impacts Score					10	



Critical Drainage Area ID

CDA Name

CDA\_009

Chelmer Village

Validation

Validated

	Flood Risk Vulnerability Classification	Weighting	Weighting (flood depth > 0.5m)	Total number of units flooded (100yr ARI)	Number of units flooded where depth >0.5m (100yr ARI)	
Infrastructure	Essential Infrastructure	40	80	0	0	0
	Highly vulnerable	30	60	0	0	
	More vulnerable	20	40	0	0	
Households	Non-deprived (All)	2	4	94	2	200
	Non-deprived (Basements only)	4	8	0	0	
	Deprived (All)	4	8	1	0	
	Deprived (Basements only)	8	16	0	0	
Commercial / Industrial	Units (All)	1	2	0	0	0
	Units (Basements only)	2	4	0	0	
Total Units Flooded				95	2	
Impacts Score					200	

Critical Drainage Area ID

CDA Name

CDA\_010

Great Baddow

Validation

Validated

	Flood Risk Vulnerability Classification	Weighting	Weighting (flood depth > 0.5m)	Total number of units flooded (100yr ARI)	Number of units flooded where depth >0.5m (100yr ARI)	
Infrastructure	Essential Infrastructure	40	80	0	0	20
	Highly vulnerable	30	60	0	0	
	More vulnerable	20	40	1	0	
Households	Non-deprived (All)	2	4	71	5	198
	Non-deprived (Basements only)	4	8	0	0	
	Deprived (All)	4	8	9	0	
	Deprived (Basements only)	8	16	0	0	
Commercial / Industrial	Units (All)	1	2	0	1	2
	Units (Basements only)	2	4	0	0	
Total Units Flooded				81	6	
Impacts Score					220	

Critical Drainage Area ID

CDA\_011

CDA Name

Moulsham Lodge

Validation

Validated

	Flood Risk Vulnerability Classification	Weighting	Weighting (flood depth > 0.5m)	Total number of units flooded (100yr ARI)	Number of units flooded where depth >0.5m (100yr ARI)	
Infrastructure	Essential Infrastructure	40	80	0	0	20
	Highly vulnerable	30	60	0	0	
	More vulnerable	20	40	1	0	
Households	Non-deprived (All)	2	4	76	0	172
	Non-deprived (Basements only)	4	8	0	0	
	Deprived (All)	4	8	5	0	
	Deprived (Basements only)	8	16	0	0	
Commercial / Industrial	Units (All)	1	2	0	0	0
	Units (Basements only)	2	4	0	0	
Total Units Flooded				82	0	
Impacts Score					192	

Critical Drainage Area ID

CDA\_012

CDA Name

Moulsham

Validation

Validated

	Flood Risk Vulnerability Classification	Weighting	Weighting (flood depth > 0.5m)	Total number of units flooded (100yr ARI)	Number of units flooded where depth >0.5m (100yr ARI)	
Infrastructure	Essential Infrastructure	40	80	0	0	0
	Highly vulnerable	30	60	0	0	
	More vulnerable	20	40	0	0	
Households	Non-deprived (All)	2	4	88	0	184
	Non-deprived (Basements only)	4	8	0	0	
	Deprived (All)	4	8	2	0	
	Deprived (Basements only)	8	16	0	0	
Commercial / Industrial	Units (All)	1	2	0	0	0
	Units (Basements only)	2	4	0	0	
Total Units Flooded				90	0	
Impacts Score					184	