

CC009-E (EB104E)



CHELMSFORD
SURFACE WATER FLOOD IMPACT SCORE



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_003

CDA Name

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

| | 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 | 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 Name

CDA_008

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_010

CDA Name

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 Name

CDA_012

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 | |