EB 106E

CHELMSFORD CITY COUNCIL
STRATEGIC FLOOD RISK
ASSESSMENT

APPENDIX C:
CLIMATE CHANGE MAPPING

Index Number: Chelm_1

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING

Index Number: Chelm_2

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

0 0.325 0.65 1.3 km

Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING

Index Number: Chelm_3

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

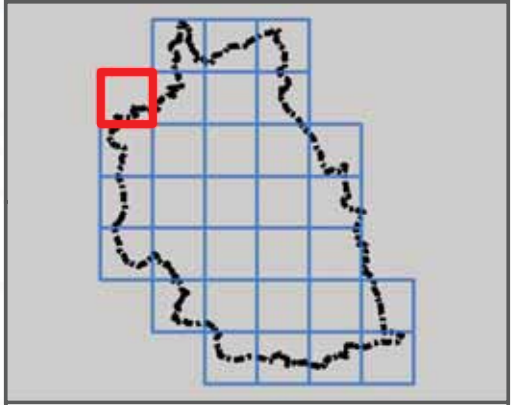
The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_4

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

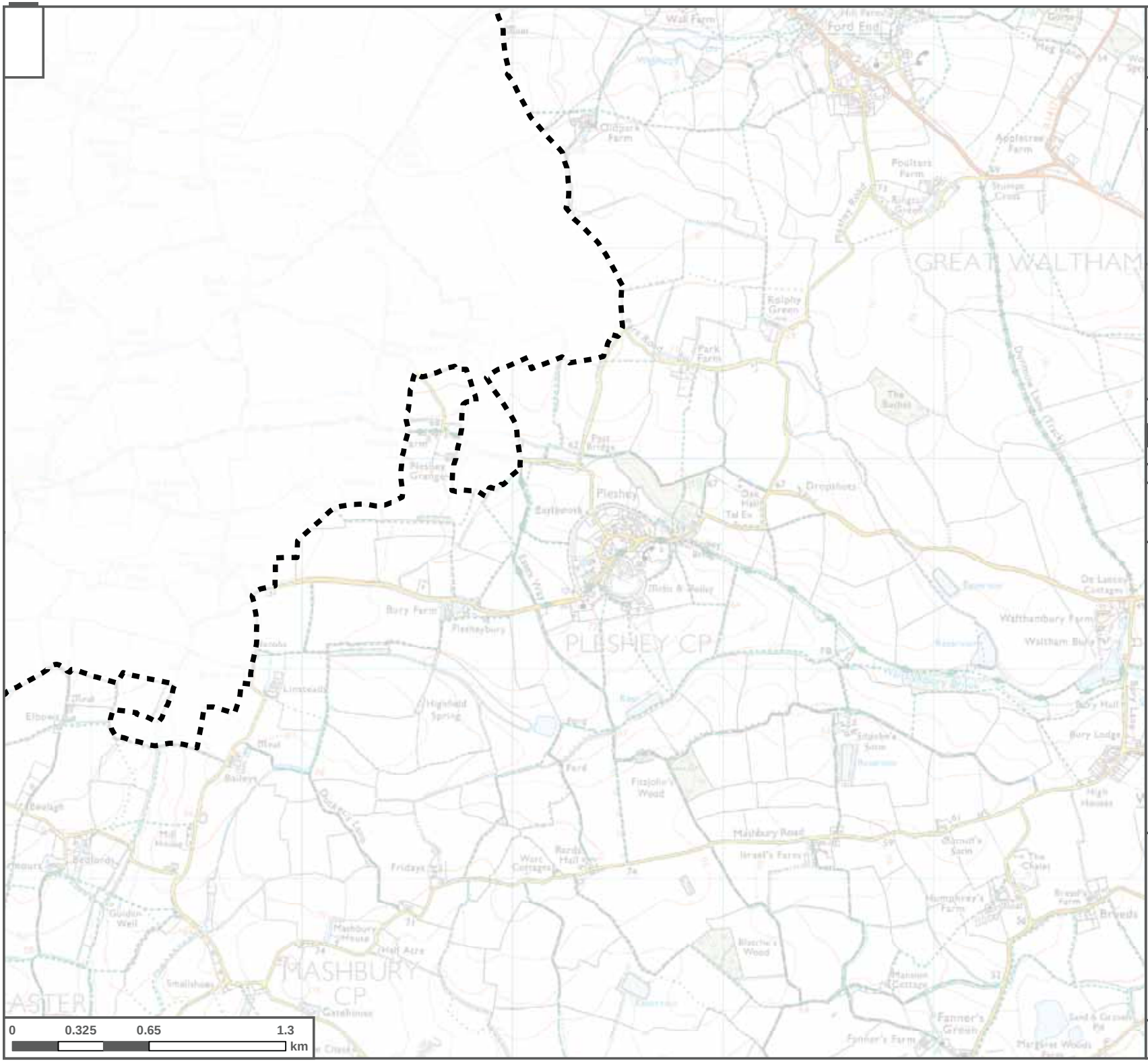
- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km



CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING

Index Number: Chelm_5

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

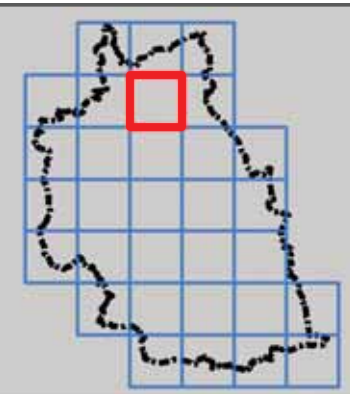
Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_6

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING

Index Number: Chelm_7

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

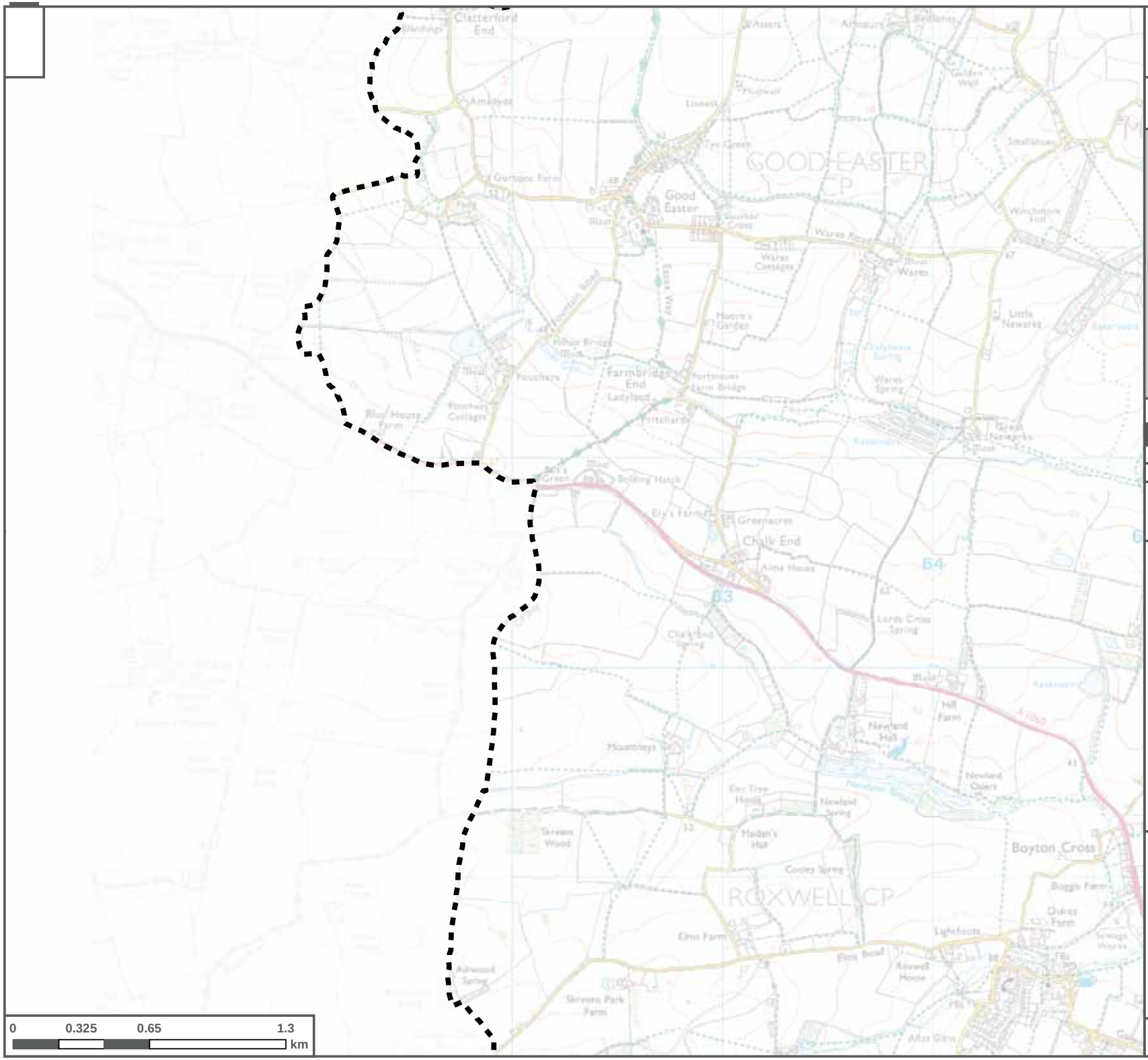
- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km



CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING

Index Number: Chelm_8

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

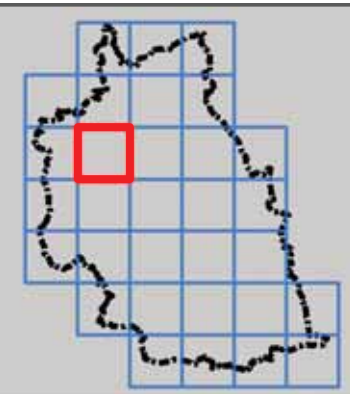
Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_9

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

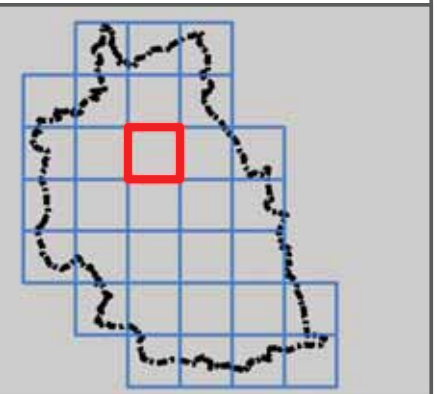
The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_11

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

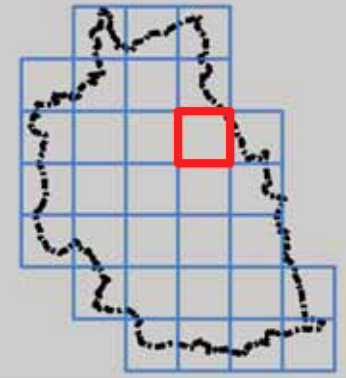
The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_12

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

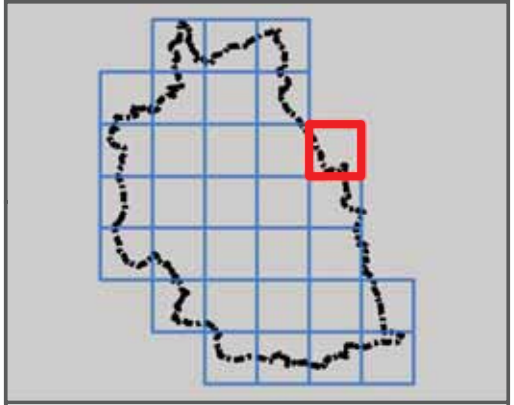
The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

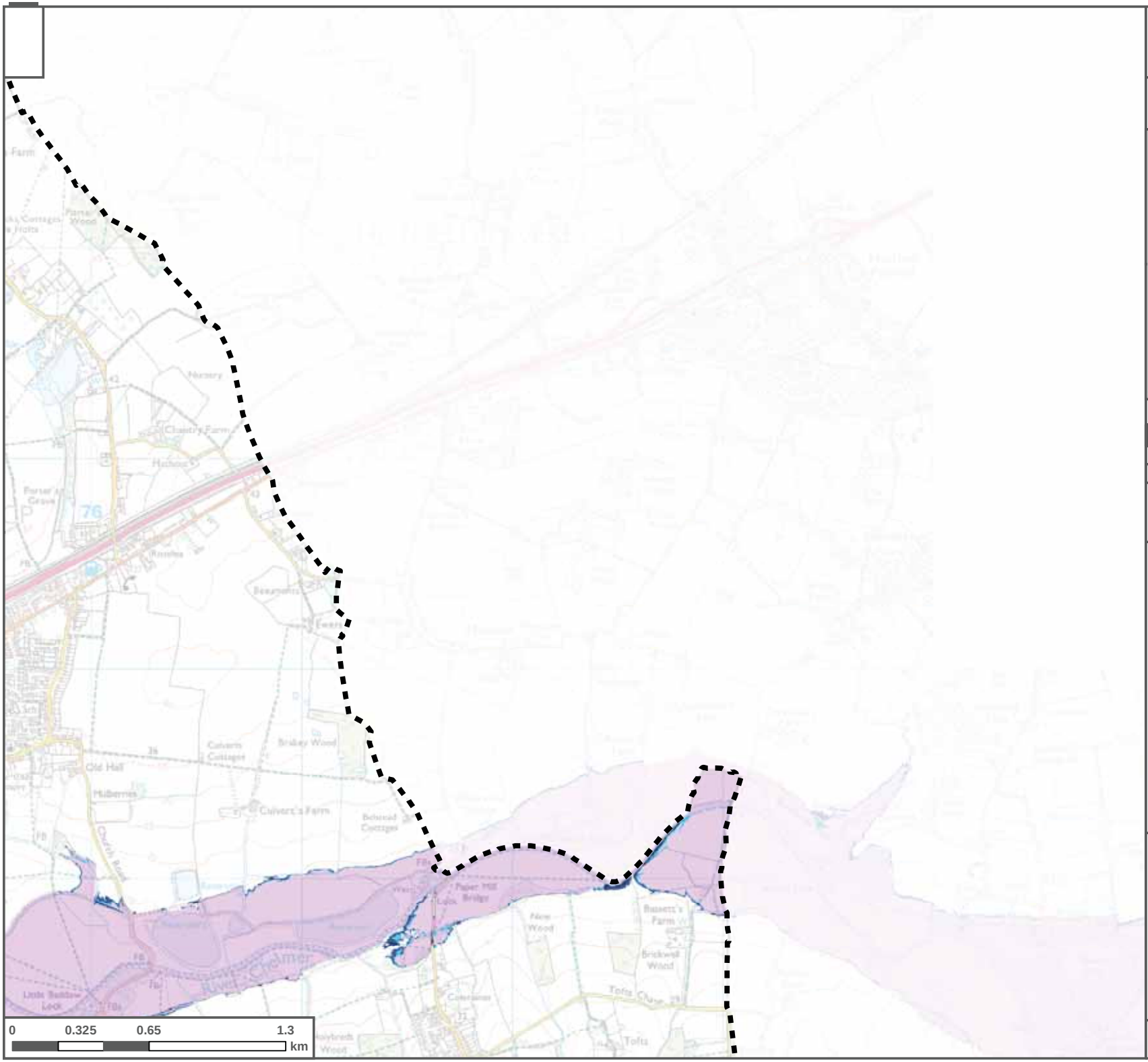
The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING





Index Number: Chelm_13

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

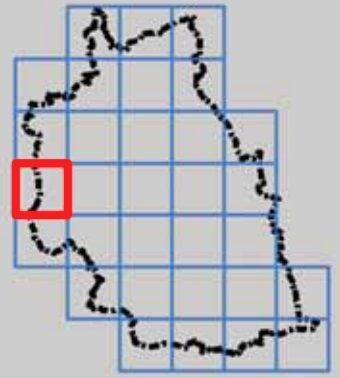
Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_14

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

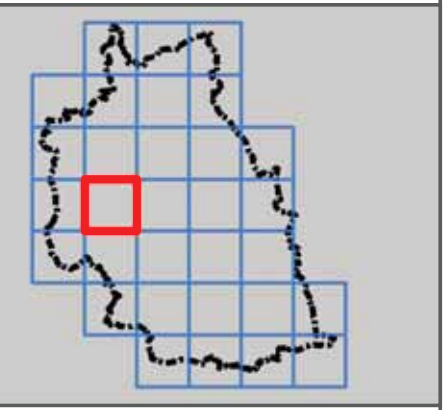
The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_15

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

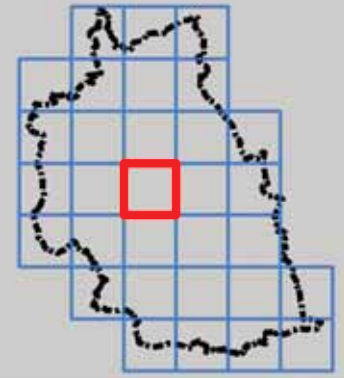
The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_16

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

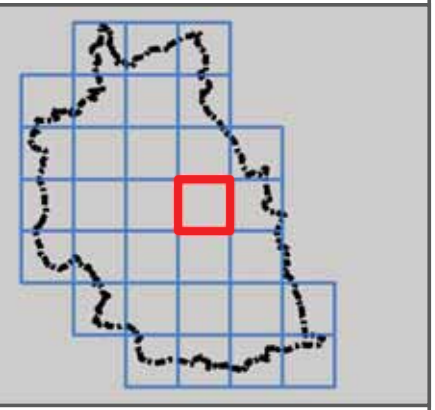
The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_17

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

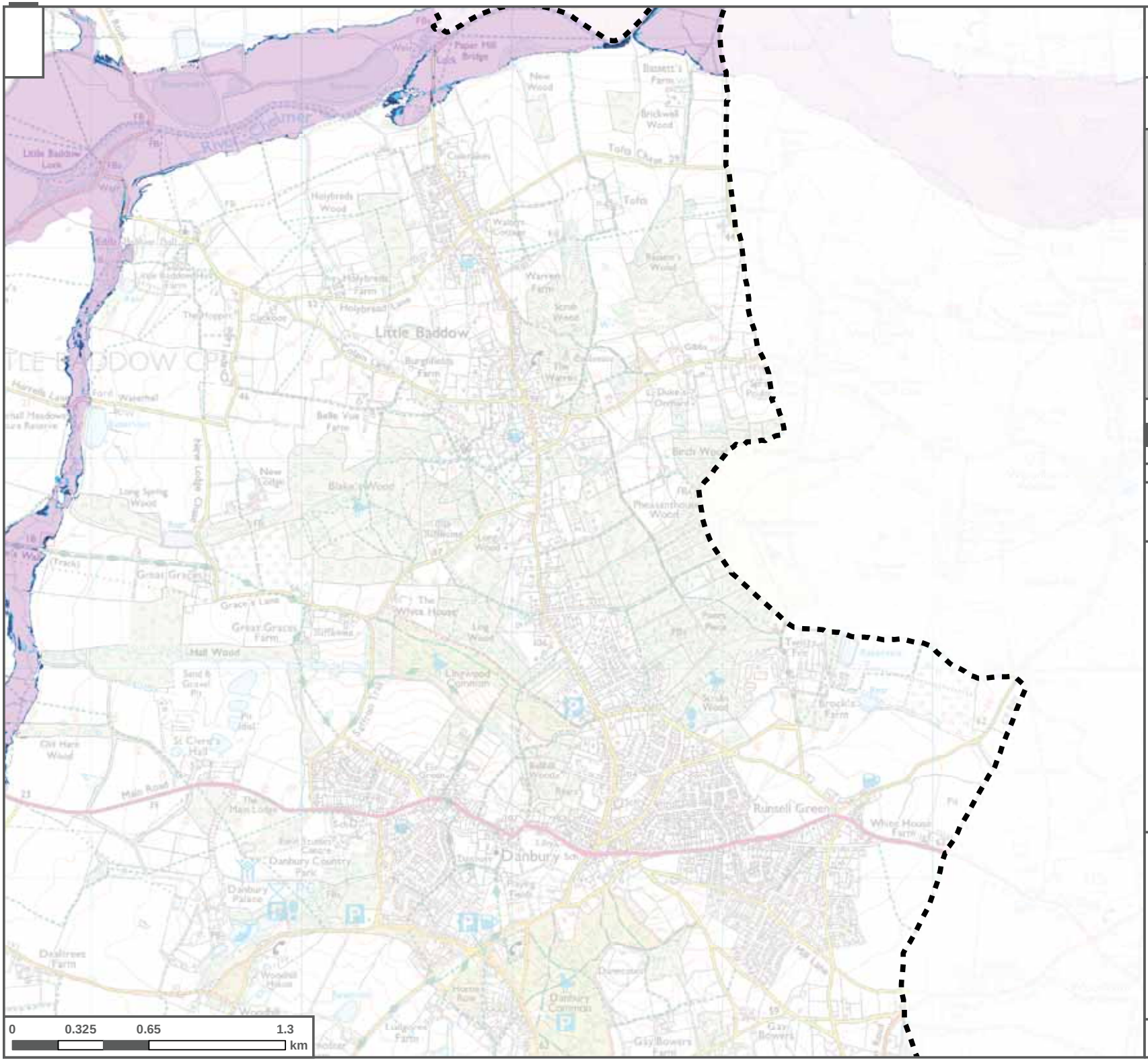
- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

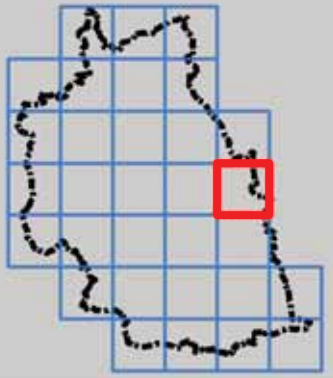
The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km



CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_18

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

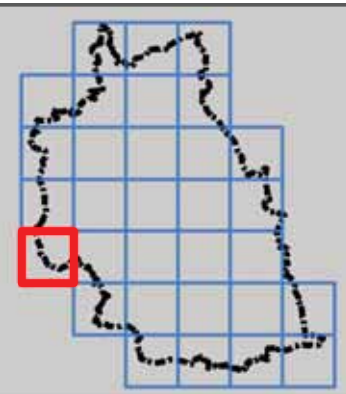
Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_19

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

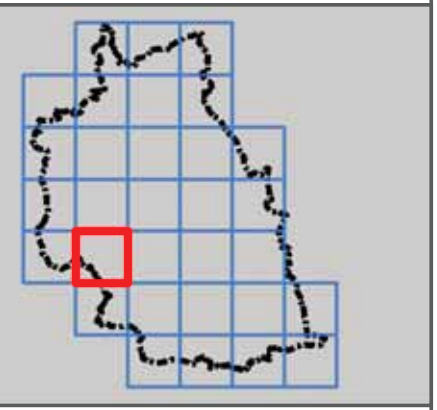
The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_20

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

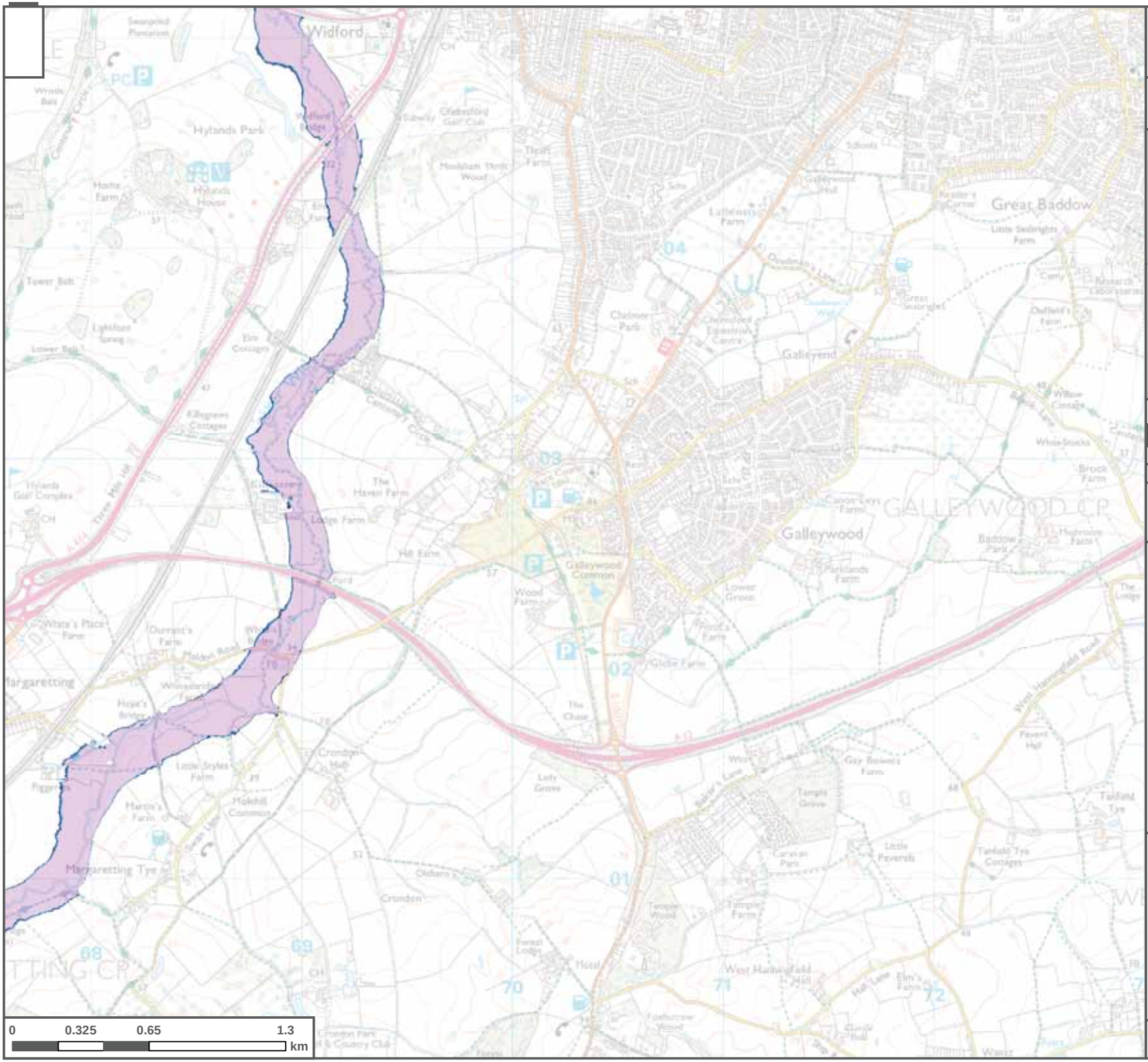
- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

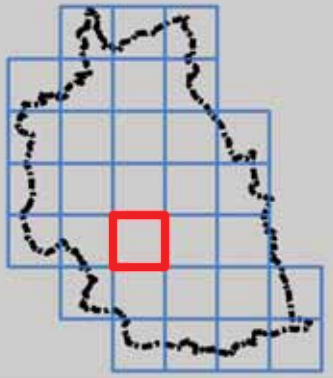
The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km



CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_21

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

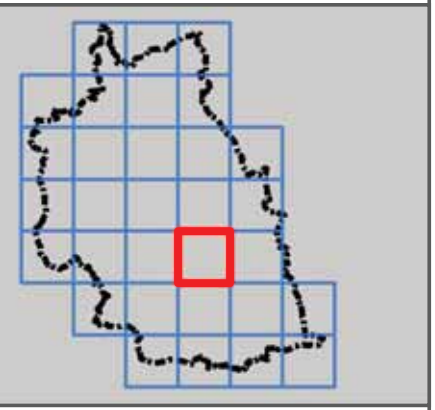
Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_22

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

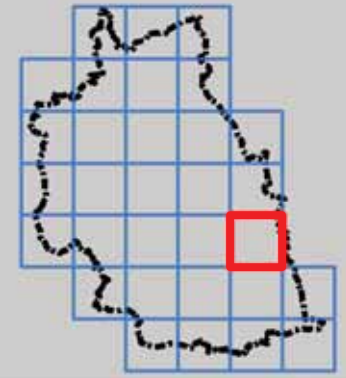
The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_23

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING

Index Number: Chelm_24

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

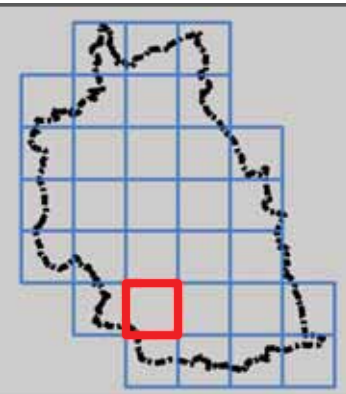
The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_25

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

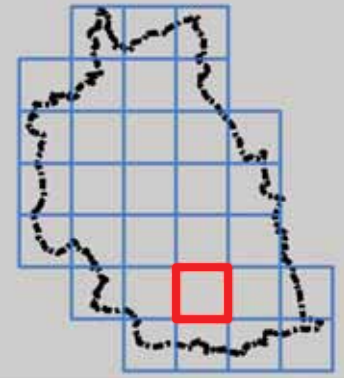
The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_26

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

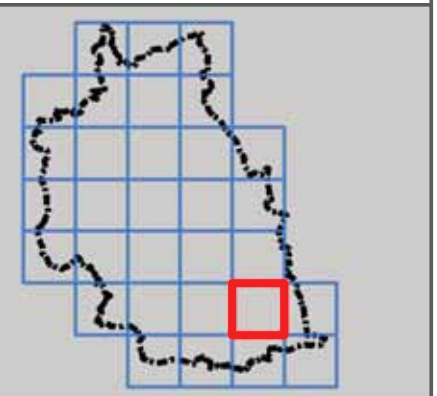
The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_27

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

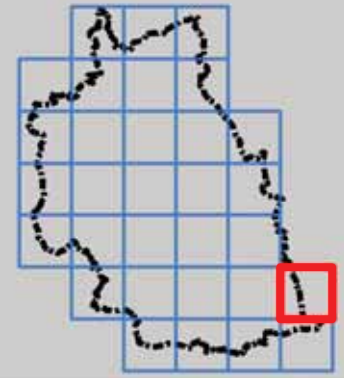
The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_28

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

0 0.325 0.65 1.3 km

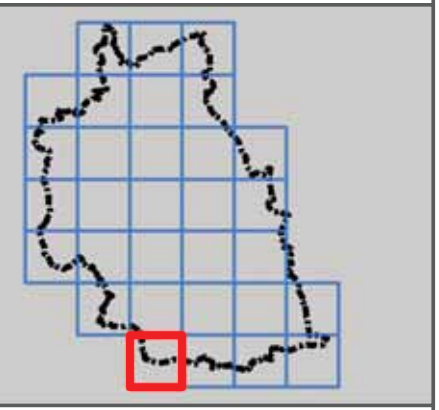
Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_29

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

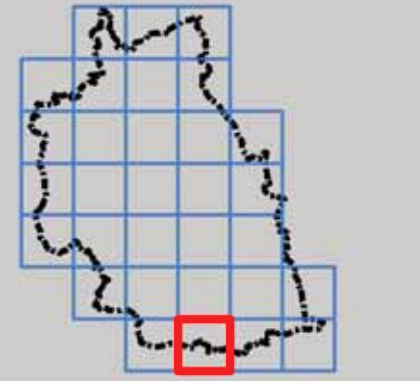
The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_30

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

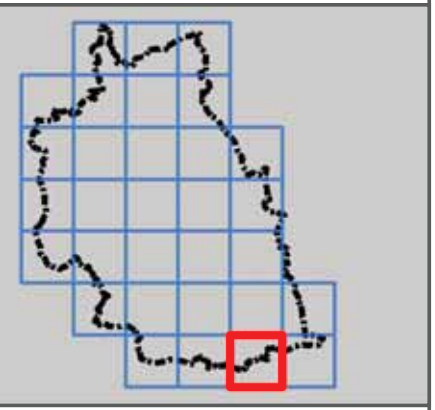
The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING



Index Number: Chelm_31

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km

CHELMSFORD CITY COUNCIL STRATEGIC FLOOD RISK ASSESSMENT

APPENDIX C: CLIMATE CHANGE MAPPING

Index Number: Chelm_32

Version no.	Date	Comment
v1.0	Sept 2016	Draft
v2.0	Jan 2017	Final

LEGEND

Fluvial climate change (defended scenario)

- 100yr+25% allowance for CC (2080s)
- 100yr+35% allowance for CC (2080s)
- 100yr+70% allowance for CC (2080s)

Tidal climate change (defended scenario)

- 200yr+sea level rise allowance (2115)
- 1000yr+sea level rise allowance (2115)

Notes

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events.

The climate change allowances for both fluvial and tidal were modelled using Environment Agency hydraulic models for the purposes of the SFRA. Mapping shows the 'defended' scenario. The mapping provides a strategic assessment of climate change risk – developers should undertake detailed modelling of climate change allowances as part of a site

0 0.325 0.65 1.3 km