

Central Bedfordshire Council Local Plan (2015-2035)

Level 1 Strategic Flood Risk Assessment **Appendix C: Climate Change** (July2017)

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<u>Notes</u>

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events. Where models exist in the study area, a change factor has been applied to the 1 in 100 year flows.

Outside of the detailed model extents, where Flood Zones are still present, Jflow modelling has been undertaken, applying the relevant change factor to the 100-year flows.

Developers should assess the flood risk implications of climate change to development as part of a detailed Flood Risk Assessment.



Legend



 Central Bedforshire Council boundary

 100 year plus climate change 25%

100 year plus climate change 35%

100 year plus climate change 65%

0	0.375	0.75	1.5	2.25
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Legend



Central Bedforshire Council boundary 100 year plus climate change 25%

100 year plus climate change 35%

100 year plus climate change 65%

0	0.35	0.7	1.4	2.1
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CENTRAL BEDFORDSHIRE COUNCIL SFRA APPENDIX C CLIMATE CHANGE MAPS

Index Number: CBC_SFRA_2







<u>Notes</u>

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Legend



100 year plus climate change 25%

100 year plus climate change 35%

100 year plus climate change 65%

0	0.35	0.7	1.4	2.1
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CENTRAL BEDFORDSHIRE COUNCIL SFRA APPENDIX C CLIMATE CHANGE MAPS

Index Number: CBC_SFRA_3







<u>Notes</u> The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events. Where models exist in the study area, a change factor has been applied to the 1 in 100 year flows.

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Legend



Central Bedforshire Council boundary 100 year plus climate change 25%

100 year plus climate change 35%

100 year plus climate change 65%

0	0.375 0.7	⁷⁵ 1.5	2.25
REF	Date	Comments	
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CENTRAL BEDFORDSHIRE COUNCIL SFRA APPENDIX C CLIMATE CHANGE MAPS

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Index Number: CBC_SFRA_4







Notes The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events. Where models exist in the study area, a change factor has been applied to the 1 in 100 year flows.

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Legend



 Central Bedforshire Council boundary

 100 year plus climate change 25%

100 year plus climate change 35%

100 year plus climate change 65%

	0 (0.375 0.7	75 1.5	2.25				
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Legend



 Central Bedforshire Council boundary

 100 year plus climate change 25%

100 year plus climate change 35%

100 year plus climate change 65%

0	0.35	0.7	1.4	2.1
				km
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CENTRAL BEDFORDSHIRE COUNCIL SFRA APPENDIX C CLIMATE CHANGE MAPS

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<u>Notes</u>

The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events. Where models exist in the study area, a change factor has been applied to the 1 in 100 year flows.

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100 year plus climate change 35%

100 year plus climate change 65%

0	0.35	0.7	1.4	2.1
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CENTRAL BEDFORDSHIRE COUNCIL SFRA APPENDIX C CLIMATE CHANGE MAPS

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<u>Notes</u> The climate change map shows the potential impacts that climate change may have on river flows and, subsequently, on flood events. Where models exist in the study area, a change factor has been applied to the 1 in 100 year flows.

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Legend



Central Bedforshire Council boundary 100 year plus climate change 25%

100 year plus climate change 35%

100 year plus climate change 65%

0	0.35	0.7	· 1.4	2.1
REF	Da	ate	Comments	
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CENTRAL BEDFORDSHIRE COUNCIL SFRA APPENDIX C CLIMATE CHANGE MAPS

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Legend



Central Bedforshire Council boundary 100 year plus climate change 25%

100 year plus climate change 35%

100 year plus climate change 65%

0	0.35	0.7	1.4	2.1
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CENTRAL BEDFORDSHIRE COUNCIL SFRA APPENDIX C **CLIMATE CHANGE MAPS**

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