








TITLE

**POTENTIAL RISK OF FLOODING
CLIMATE CHANGE
(UNDEFENDED)**

LEGEND

- Boundary**
-  Canterbury City Council Boundary
- Watercourses**
-  Statutory Main Rivers
- Potential Risk of Flooding**
-  1 in 1000 Year (Surface Water)
-  Tidal Climate Change Extent
-  Fluvial Climate Change Extent

DETAILS

The model data referenced within this mapping does not include the latest allowance for climate change as required by the EA. Nevertheless, the data is the most contemporary available data for the district and therefore has been used to provide an indication of the impacts of climate change. However, it will be necessary to undertake a site-specific Flood Risk Assessment to appraise the risk of flooding under design event conditions.

For the Lower Stour (fluvial risk), no data including an allowance for climate change is available and therefore, no results have been included in this map. For the Gorrell Stream, the 1 in 100 year return period including a 40% allowance for climate change has been included in the absence of any other data. For the Plenty Brook, the 1 in 100 year return period including a 38% allowance for climate change has been included. The results have been taken from the updated HC model.

For all other rivers where data was available, the 1 in 100 year return period including a 38% allowance for climate change.

The extent for the tidal risk of flooding is based on the 1 in 200 year return period for the future year 2115.

In some cases, available model data overlaps. Where this is the case, the most recent model data should be referenced. It may be necessary to undertake a Flood Risk Assessment to determine the most appropriate approach.

NOTES

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CLIENT Canterbury City Council

PROJECT Strategic Flood Risk Assessment

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| SCALE 1:82660 @ A3 | PROJECT No. 1396 | INITIALS AB | CHECKED BY AW |
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DRAWING No. Appendix A.5