



TITLE

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

LEGEND

Boundary

- Canterbury City Council Boundary

Watercourses

- Statutory_Main_River_Map

Potential Risk of Flooding

- 1 in 1000 Year (Surface Water)
- Tidal CC Extent
- Fluvial CC Extent
- Plenty Brook_Indicative CC 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 20% allowance for climate change has been included in the absence of any other data. However, it is envisaged that model will be updated in due course.

For all other rivers where data was available, the 1 in 100 year return period including a 45% 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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REV	DESCRIPTION	DATE
1	1st issue	07-10-2022

CLIENT Canterbury City Council

PROJECT Strategic Flood Risk Assessment

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

