

Isle of Wight Local Flood Risk Management Strategy

Appendix O: Wootton

July 2016

Isle of Wight Council, Planning and Housing Services

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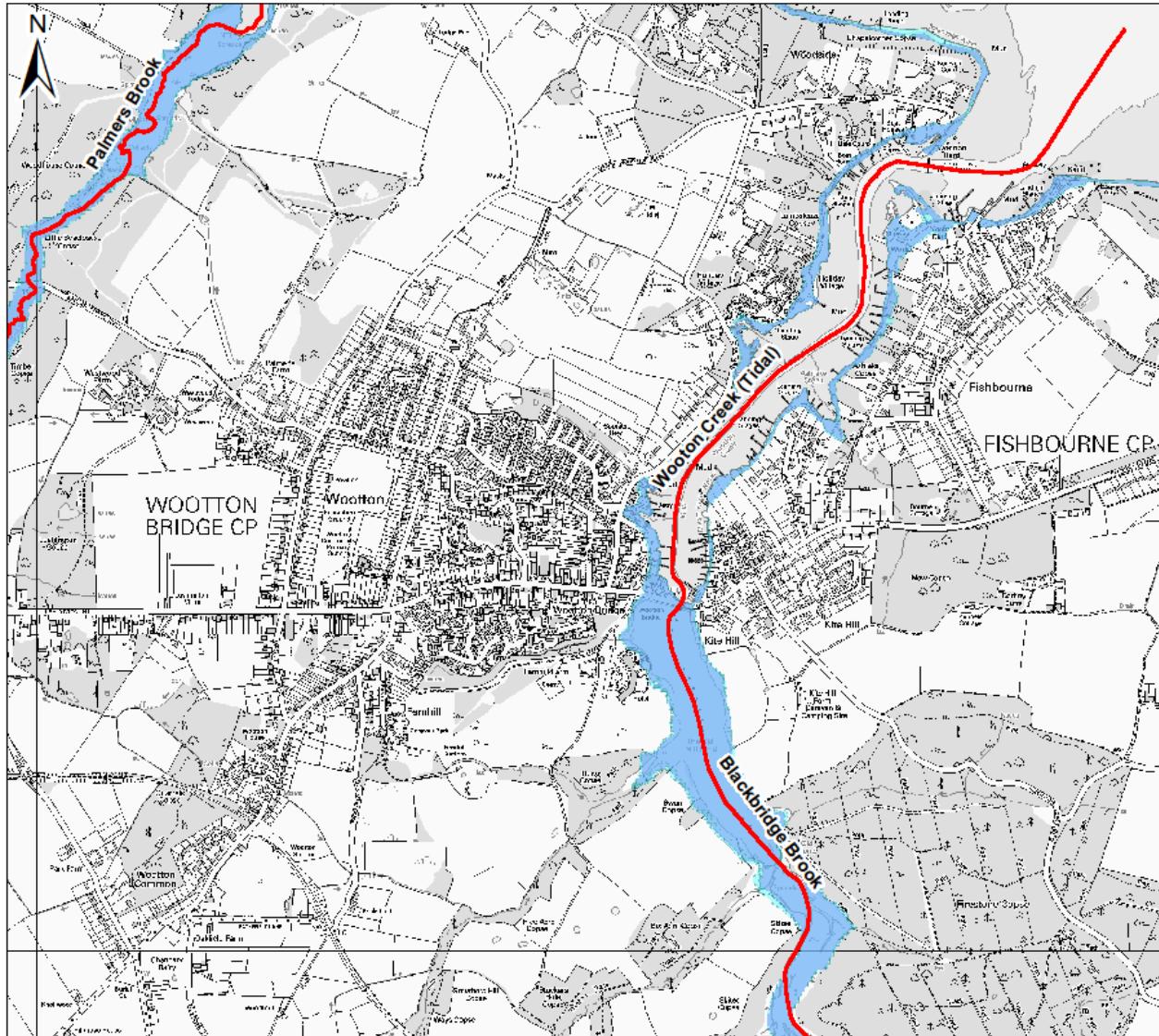
DOCUMENT CONTROL

General information

Title	Isle of Wight Local Flood Risk Management Strategy Appendices
Owner	Wendy Perera, Head of Planning and Housing Services – Isle of Wight Council
Version	Final Report
File status	Active

Revision history

Summary of changes	Completed by	Date	Current version?
First Draft	EA/IWC	28/11/2013	No
Second Draft	EA/IWC	02/05/2014	No
Third Draft	EA/IWC	05/02/2015	No
Consultation Draft	IWC	31/03/2016	No
Final Draft Report	IWC	14/06/2016	No
Final Report	IWC Executive Committee	14/07/2016	Yes
Programmed Review	IWC	31/07/2021	



Local Flood Risk Management Strategy

Legend

- Main River
- Flood Zone 3
- Flood Zone 2

0 100 200 400 600 800
Metres

1:10,000 - When printed @ A3

Notes

Flood Map Areas (assuming no defences)

Flood Zone 3

Shows the area that could be affected by flooding:
 - from the sea with a 1 in 200 (0.5%) or greater chance of happening each year.
 - or from a river with a 1 in 100 (1%) or greater chance of happening each year.

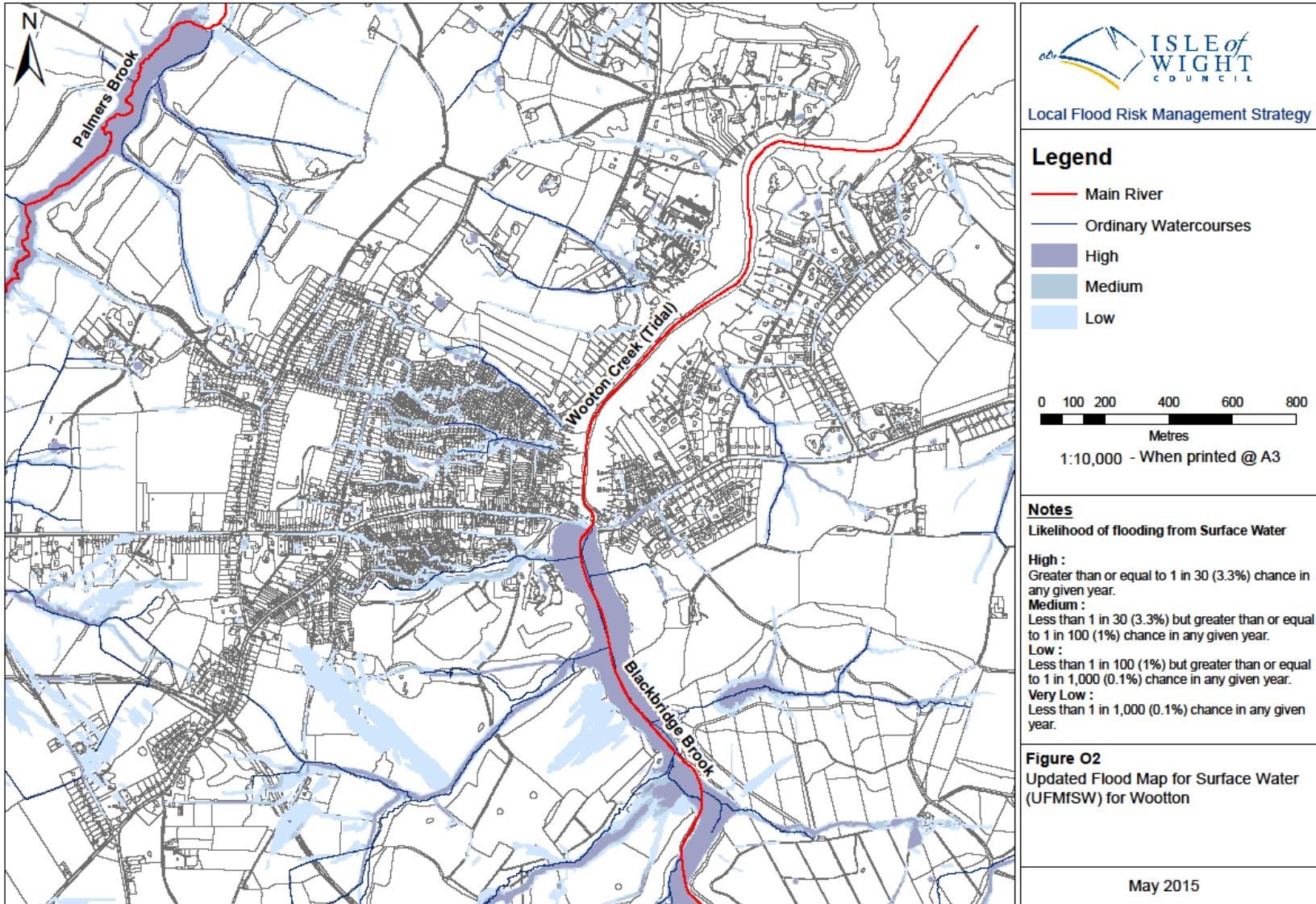
Flood Zone 2

Shows the extent of an extreme flood from rivers or the sea with up to a 1 in 1000 (0.1%) chance of occurring each year.

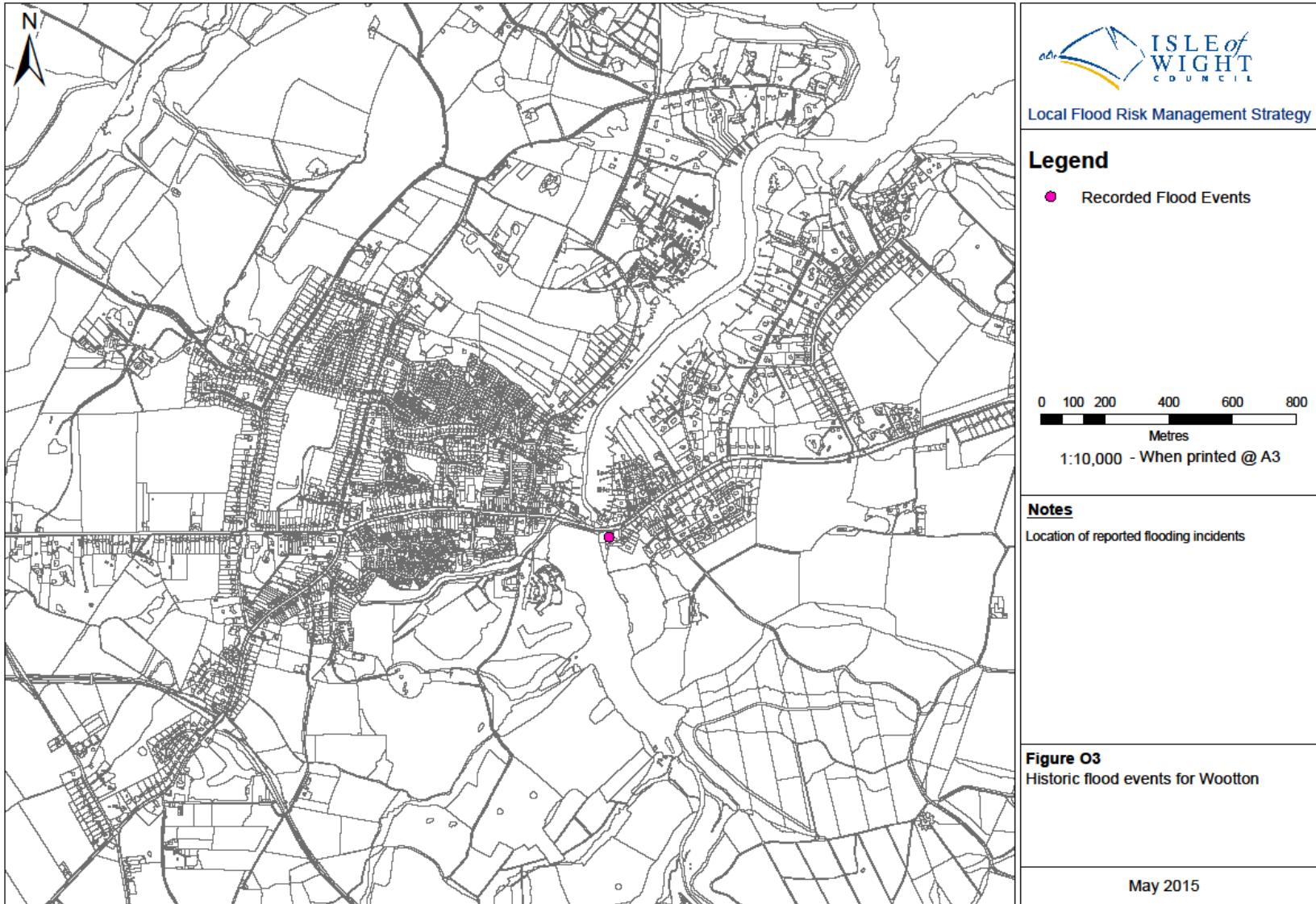
Figure O1

Environment Agency Flood Zones 2 & 3 for Wootton

November 2014



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Area overview

The Wootton area incorporates the settlements of Wootton and Fishbourne. The area is located on the coast between East Cowes and Ryde, with the Wootton Creek and Blackbridge Brook dividing the two settlements. There are tidal risks facing this area, as well as surface water issues. There is little in the way of fluvial risk.

Tidal flood risk

There are elements of modelled tidal flood risk immediately adjacent to the Wootton Creek (including near the Sloop Inn). The flood extents however are relatively small, with only a few properties at modelled risk. The predicted impacts of climate change are not expected to increase the extents dramatically due to the steepness of the land in this area.

Fluvial flood risk

Fluvial flood risk is not expected to be an issue for Wootton. It may be that fluvial flooding could affect the *Wootton Bridge*, however, it is more likely that this would be as a result of tide locking or a tidal event itself.

Surface water flood risk

Modelled surface water flood risk for Wootton generally tends to follow the lines of minor watercourses and ditches through the town leading towards the Wootton Creek. There are some small flow paths identified within the highway network, but these are unlikely to be of any significant depth. It is possible that an area of surface water ponding could occur on *Kite Hill* just to the east of the *Wootton Bridge*.

Groundwater flood risk

There have been no incidents of groundwater flooding recorded for the Wootton area. As such, groundwater flood risk is considered to be low.

Reservoir flood risk

There are currently no known reservoirs on the Island that meet the requirements of the Reservoirs Act 1975, which are reservoirs that hold at least 25,000 cubic metres of water above ground level. As such flood risk from this source is considered to be nil.