

Isle of Wight Local Flood Risk Management Strategy

Appendix S: Niton

July 2016

Isle of Wight Council, Planning and Housing Services

Isle of Wight Council, Seaclose Offices, Fairlee Road, Newport, Isle of Wight, PO30 2QS
Tel. 01983 821000. Web: www.iwight.com

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

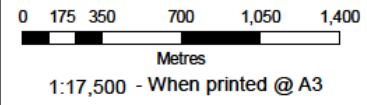
Revision history

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	



Legend

- Main River
- Flood Zone 3
- Flood Zone 2



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 S1
Environment Agency Flood Zones 2 & 3 for Niton

November 2014

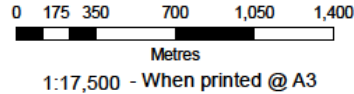
Based upon the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationery Office. © Crown Copyright. AL100001776



Local Flood Risk Management Strategy

Legend

- Main River
- Ordinary Watercourses
- High
- Medium
- Low



Notes

Likelihood of flooding from Surface Water

High :
Greater than or equal to 1 in 30 (3.3%) chance in any given year.

Medium :
Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year.

Low :
Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year.


Very Low :
Less than 1 in 1,000 (0.1%) chance in any given year.

Figure S2
Updated Flood Map for Surface Water (UFMfSW) for Niton

May 2015

Based upon the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationery Office. © Crown Copyright. AL100001776



 ISLE of WIGHT COUNCIL

Local Flood Risk Management Strategy

Legend

- Recorded Flood Events

0 175 350 700 1,050 1,400
Metres
1:17,500 - When printed @ A3

Notes
Historic flood events for Blackwater

Figure S3
Historic flood events for Niton

May 2015

Based upon the Ordnance Survey Map with the permission of the Controller of Her Majesty's Stationery Office. © Crown Copyright. AL100001776

Area overview

Niton is located in the upper catchment of the Eastern Yar. The Environment Agency flood zones do not extend as far as Niton as the designated Main River ends to the north east of the settlement.

Surface water modelling for the area provides an indication of route of the flood water if it were to flow/pond on the surface.

Tidal flood risk

Due to the inland location of Niton, tidal flood risk is considered to be negligible.

Fluvial flood risk

There are no designated Main Rivers in Niton, as such there is no modelled fluvial flood risk.

Surface water flood risk

Surface water flooding is considered the main source of risk to Niton. There are identified flow routes through the centre of the town flowing from the west along *Blackgang Road* through *Church Street* and *Rectory Road* to the east. *High Street* is also shown to be affected in the modelling. Properties are shown to be affected by the surface water flow routes mainly in the south and east of Niton, however, there are currently no records of reported surface water flooding in the area confirming this risk.

Groundwater flood risk

There have been no incidents of groundwater flooding recorded for the Niton 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.