

					Undefended			Defended
Map Reference	Model Node Reference	Easting	Northing	Data	1 % AEP (1 in 100 year)	1 % AEP (1 in 100 year) + Climate Change*	0.1 % AEP (1 in 1000 year)	1 % AEP (1 in 100 year)
1	ea013_0287_IRKR03_0825	385653	405218	Modelled Water Level (m aodN)	71.03	71.23	71.95	71.18
				Modelled Flow (cumecs)	55.71	62.40	101.49	55.59
2	ea013_0287_IRKR03_0576B	385487	405170	Modelled Water Level (m aodN)	70.01	70.19	70.64	70.42
				Modelled Flow (cumecs)	55.95	62.90	123.20	55.71
3	ea013_0287_IRKR03_0271	385213	405067	Modelled Water Level (m aodN)	69.89	70.11	70.55	69.97
				Modelled Flow (cumecs)	53.50	60.90	98.25	55.69
4	ea013_0287_IRKR02_5845H	384971	404988	Modelled Water Level (m aodN)	67.76	67.82	68.07	67.78
				Modelled Flow (cumecs)	53.40	60.50	97.48	55.58

Model data taken from Irk, Moston, and Whit Brook 2007

AEP - Annual Exceedence Probability

m aodN - metres above ordnance datum Newlyn

cumecs - cubic metres per second

Notes:

*Climate Change Scenario - We only hold climate change measurements based on the previous climate change guidance (20% increase in flow). The new climate change guidance is available at <https://www.gov.uk/guidance/flood-risk-assessments-climate-change-allowances>. The location of the site and the type (vulnerability) of development determine the climate change allowances to consider in any flood risk assessment.