

Map Reference	Model Node Reference	Easting	Northing	Data	Undefended								Defended								
					10 % AEP (1 in 10 year)	4 % AEP (1 in 25 year)	1.33 % AEP (1 in 75 year)	1 % AEP (1 in 100 year)	1 % AEP (1 in 100 year) + 30% increase in flow	1 % AEP (1 in 100 year) + 35% increase in flow	1 % AEP (1 in 100 year) + 70% increase in flow	0.1 % AEP (1 in 1000 year)	50 % AEP (1 in 2 year)	10 % AEP (1 in 10 year)	4 % AEP (1 in 25 year)	1.33 % AEP (1 in 75 year)	1 % AEP (1 in 100 year)	1 % AEP (1 in 100 year) + 30% increase in flow	1 % AEP (1 in 100 year) + 35% increase in flow	1 % AEP (1 in 100 year) + 70% increase in flow	0.1 % AEP (1 in 1000 year)
1	ea013_0171_CHOP02_0016	384934	394432	Modelled Water Level (m aodN)	33.04	33.20	33.40	33.45	34.30	34.56	35.53	35.64	32.77	33.04	33.20	33.40	33.45	34.36	34.60	35.82	35.95
				Modelled Flow (cumecs)	5.89	8.16	10.69	11.23	13.77	13.96	15.69	15.93	0.00	5.89	8.16	10.69	11.23	13.76	13.94	16.12	16.43
2	ea013_0171_CHOP01_4770d	384246	393854	Modelled Water Level (m aodN)	31.39	31.61	31.81	31.84	31.99	32.01	32.11	32.13	30.97	31.39	31.61	31.81	31.85	32.02	32.04	32.16	32.20
				Modelled Flow (cumecs)	10.14	13.52	16.85	17.59	21.07	21.54	24.00	24.07	0.00	10.14	13.55	16.67	17.63	20.98	21.44	24.12	24.19
3	ea013_0171_CHOP01_4414u	383898	393832	Modelled Water Level (m aodN)	30.80	31.02	31.22	31.26	31.39	31.41	31.62	31.64	30.34	30.80	31.02	31.22	31.26	31.44	31.48	31.69	31.70
				Modelled Flow (cumecs)	10.25	13.64	17.00	17.71	20.23	20.44	23.09	23.19	0.00	10.25	13.67	17.03	17.76	21.11	21.54	24.23	24.14
4	ea013_0171_CHOP01_4057u	383541	393797	Modelled Water Level (m aodN)	27.63	28.06	28.87	29.08	30.34	30.52	30.90	30.96	27.29	27.63	28.07	28.88	29.09	30.50	30.61	31.01	31.03
				Modelled Flow (cumecs)	10.28	13.67	17.00	17.69	20.08	20.27	21.11	21.17	0.00	10.28	13.69	17.03	17.73	20.88	21.24	22.30	22.41

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					1 % AEP (1 in 100 year) + 70% increase in flow	0.1 % AEP (1 in 1000 year)	0.1 % AEP (1 in 1000 year)
5	2D Levels	383967	394573	Modelled Water Level (m aodN)	31.17	31.28	31.20

Model data taken from Chorlton Platt Gore 2012

AEP - Annual Exceedence Probability

m aodN - metres above ordnance datum Newlyn

cumecs - cubic metres per second

Notes: *Climate Change Scenario - 30%, 35% and 70% increases in flow calculated for the 2080's (2070 - 2115). Please see <https://www.gov.uk/guidance/flood-risk-assessments-climate-change-allowances> for more information regarding the new climate change guidance. The location of the site and the type (vulnerability) of development determine the climate change allowances to consider in any flood risk assessment.