

				Un defended												Defended											
Map Reference	Model Node Reference	Eastng	Northng	Data	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_CRIN01_0050d	384279	393819	Modelled Water Level (m aodN)	31.41	31.64	31.84	31.88				32.14	30.99	31.41	31.65	31.84	31.88				32.20						
				Modelled Flow (cumecs)	2.95	3.72	3.70	3.69				3.66	0.00	2.95	3.75	3.73	3.73				3.70						
2	ea013_0171_CHOP01_466d	384144	393848	Modelled Water Level (m aodN)	31.24	31.47	31.67	31.71	31.86	31.88	31.99	32.01	30.82	31.24	31.48	31.68	31.72	31.90	31.92	32.08	32.09						
				Modelled Flow (cumecs)	10.25	13.65	17.01	17.73	21.21	21.68	24.17	24.47	0.00	10.25	13.68	17.03	17.77	21.12	21.57	24.26	24.57						
3	ea013_0171_CHOP01_447d	383957	393832	Modelled Water Level (m aodN)	30.95	31.17	31.37	31.41	31.55	31.56	31.79	31.81	30.54	30.95	31.17	31.37	31.41	31.60	31.63	31.82	31.83						
				Modelled Flow (cumecs)	10.25	13.64	17.00	17.72	20.39	20.71	22.13	21.92	0.00	10.25	13.67	17.03	17.76	21.11	21.55	24.25	24.60						
4	ea013_0171_CHOP01_431d	383798	393834	Modelled Water Level (m aodN)	30.59	30.77	30.93	30.96	31.07	31.10	31.28	31.31	30.10	30.59	30.78	30.93	30.96	31.12	31.15	31.35	31.36						
				Modelled Flow (cumecs)	10.25	13.64	17.00	17.71	20.22	20.43	23.43	23.92	0.00	10.25	13.67	17.03	17.76	21.10	21.52	24.57	24.84						

					Un defended			
Map Reference	Model Node Reference	Eastng	Northng	Data	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)
5	2D Levels	383951	393951	Modelled Water Level (m aodN)	31.49	31.56	31.80	31.82
6		383956	393951	Modelled Water Level (m aodN)	31.49	31.56	31.80	31.82

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 (2079 - 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.

Flood Defences					
Start Date	Asset Type	Asset ID	Standard of Protection	Upstream Actual Crest Level (m aod)	Downstream Actual Crest Level (m aod)
01/01/1996	Embankment	120082	100	31.38	30.25
01/01/1996	Wall	122064	100	31.90	31.84
01/01/1996	Wall	32518	100	31.84	31.48
01/01/1996	Embankment	50788	100	32.82	31.81