ADDLESTONE BOURNE - Maximum Flood Stage

(for cross section locations refer to appendix B3)

Results for **20yr** obtained from *Addlestone 20yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr** obtained from *Addlestone 100yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr+20% (CC)** obtained from *ADDLESTONE 100YR+20% FLOW.ZZN* as provided by the Environment Agency
Results for **1000yr** obtained from *Addlestone 1000yr_001.ZZN* generated from *Addlestone 1000yr_001.DAT* by Capita Symonds

Note - At iSIS 'spill units' maximum stage is shown as an asterisk (*) as iSIS is not able to output stage data for these unit types.

Note - Some iSIS 'spill units' linking the Addlestone and Hale Bourne watercourses were not included in the 20yr model as received from the Environment Agency. These are shown with a plus (+) sign. As a result, maximum stage levels at the lower end of the Hale Bourne are slightly higher for the 20yr model results. These results are highlighted in red.

ISIS Node Label	Maximum Flood Stage				Maximum Flow			
	20yr	100yr	100yr+20%(CC)	1000yr	20yr	100yr	100yr+20%(CC)	1000yr
A1.001WU	12.145	12.695	12.908	13.177	11.285	19.132	22.873	27.888
A1.001WD	11.906	12.352	12.512	12.716	11.285	19.132	22.873	27.888
A1.001BU	11.905	12.351	12.511	12.714	11.285	19.132	22.873	27.888
A1.001BD	11.871	12.268	12.398	12.555	11.285	19.132	22.873	27.888
P1.010	11.844	12.233	12.359	12.511	11.285	19.132	22.873	27.888
P1.009	11.728	12.052	12.154	12.271	11.285	19.132	22.873	27.888
P1.008	11.636	11.922	12.017	12.125	11.285	19.131	22.873	27.888
P1.007	11.52	11.778	11.864	11.959	11.285	19.131	22.873	27.888
P1.006	11.396	11.594	11.665	11.745	11.284	19.131	22.872	27.888
P1.005	11.237	11.440	11.508	11.584	11.285	19.131	22.872	27.888
P1.004	11.036	11.245	11.315	11.395	11.285	19.131	22.872	27.887
P1.003	10.924	11.089	11.148	11.220	11.285	19.131	22.872	27.887
P1.002	10.766	10.892	10.934	10.990	11.284	19.130	22.872	27.888
P1.001	10.656	10.779	10.822	10.877	11.284	19.130	22.871	27.886
A1.001a	12.146	12.696	12.909	13.178	11.285	19.132	22.873	27.888
A1.003	12.254	12.799	12.996	13.246	5.823	9.904	11.639	14.965
A1.002WU	12.207	12.746	12.949	13.208	5.291	8.078	8.764	9.342
A1.002WD	12.147	12.697	12.910	13.179	5.291	8.078	8.764	9.342
A1.001b	12.146	12.696	12.909	13.178	5.823	9.903	11.638	14.964
A1.004	12.425	12.892	13.057	13.283	11.286	19.139	22.880	27.898
A1.003JU	12.263	12.805	13.002	13.251	11.286	19.136	22.877	27.892
A1.005	12.537	12.969	13.139	13.346	11.287	19.142	22.888	27.912
A1.008BU	12.87	13.260	13.363	13.504	11.287	19.147	22.895	27.928
A1.008BD	12.868	13.246	13.341	13.467	11.287	19.147	22.895	27.928
A1.009BU	12.874	13.279	13.392	13.553	11.287	19.147	22.895	27.928
A1.009BD	12.866	13.258	13.362	13.510	11.287	19.147	22.895	27.928
A1.010JD	12.894	13.346	13.484	13.629	11.287	19.148	22.896	27.929
A1.012	13.013	13.492	13.615	13.747	7.655	15.587	19.438	24.584
A1.011JU	12.928	13.391	13.520	13.661	7.655	15.583	19.432	24.580
A1.013	13.134	13.590	13.703	13.826	7.655	15.592	19.443	24.587
A1.016	13.496	13.863	13.943	14.034	11.284	19.151	22.900	27.931
A1.015JU	13.347	13.741	13.806	13.905	11.279	19.145	22.894	27.925
A1.015BU	13.347	13.741	13.806	13.905	11.279	12.576	12.567	12.529
A1.015BD	13.186	13.653	13.768	13.887	11.279	12.576	12.567	12.529
A1.015SU	13.347	13.741	13.806	13.905	0	10.967	17.653	24.390
A1.015SD	13.186	13.653	13.768	13.887	0	10.967	17.653	24.390
A1.017	13.554	13.915	14.001	14.100	11.3	19.155	22.902	27.935
A1.018	13.598	13.949	14.040	14.144	11.317	19.161	22.907	27.941
A1.019	13.666	13.979	14.069	14.172	11.34	19.171	22.914	27.950
A1.020	13.735	14.022	14.110	14.210	11.317	19.114	22.842	27.891
A1.021	13.831	14.134	14.224	14.321	11.32	19.118	22.846	27.893
A1.024	14.109	14.390	14.458	14.528	11.323	19.119	22.847	27.894
A1.025BU	14.156	14.445	14.524	14.614	11.325	19.119	22.847	27.894
A1.025BD	14.149	14.423	14.492	14.565	11.325	19.119	22.847	27.894
A1.027	14.189	14.475	14.555	14.646	11.333	19.119	22.848	27.895
A1.028	14.26	14.521	14.599	14.688	11.342	19.119	22.850	27.897
A1.030	14.391	14.633	14.710	14.795	11.317	19.065	22.784	27.844
A1.029	14.344	14.581	14.657	14.744	11.348	19.123	22.853	27.899
A1.031	14.452	14.701	14.778	14.862	11.32	19.066	22.787	27.845
A1.032	14.496	14.740	14.817	14.902	11.323	19.069	22.789	27.847
A1.033	14.535	14.779	14.858	14.946	11.327	19.072	22.790	27.848
A1.034	14.594	14.833	14.910	14.998	11.331	19.075	22.794	27.849
A1.035	14.707	14.918	14.992	15.077	11.336	19.078	22.797	27.851
A1.036	14.753	14.969	15.044	15.131	11.34	19.081	22.798	27.852
A1.037	14.851	15.066	15.141	15.228	11.342	19.083	22.800	27.854
A1.038	14.957	15.170	15.246	15.332	11.345	19.084	22.802	27.855
A1.039BU	15.029	15.260	15.345	15.445	11.346	19.086	22.803	27.855
A1.039BD	15.023	15.247	15.330	15.423	11.346	19.086	22.803	27.855
A1.041	15.124	15.416	15.529	15.665	11.303	19.011	22.715	27.786
A1.042	15.209	15.504	15.614	15.747	11.304	19.012	22.716	27.786
A1.043	15.315	15.597	15.702	15.829	11.304	19.013	22.716	27.786
A1.044	15.419	15.687	15.787	15.909	11.306	19.014	22.716	27.786
A1.045BU	15.643	16.019	16.207	16.537	11.307	19.014	22.717	27.787
A1.045BD	15.586	15.842	15.939	16.055	11.307	19.014	22.717	27.787
A1.046	15.76	16.106	16.271	16.567	11.307	19.016	22.720	27.792
A1.047	15.819	16.147	16.303	16.587	11.309	19.020	22.723	27.805
A1.048	15.851	16.169	16.321	16.598	11.311	19.025	22.730	27.820
A1.049	15.909	16.213	16.354	16.616	11.314	19.032	22.741	27.842
A1.050	15.983	16.271	16.400	16.643	11.27	18.956	22.652	27.777
A1.051	16.054	16.323	16.441	16.668	11.272	18.965	22.662	27.804
A1.052	16.12	16.368	16.478	16.691	11.276	18.972	22.674	27.833
A1.053	16.187	16.417	16.521	16.718	11.279	18.981	22.685	27.863
A1.054	16.231	16.460	16.561	16.749	11.282	18.986	22.695	27.889
A1.055	16.287	16.515	16.614	16.789	11.284	18.991	22.703	27.912

ADDLESTONE BOURNE - Maximum Flood Stage

(for cross section locations refer to appendix B3)

Results for **20yr** obtained from *Addlestone 20yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr** obtained from *Addlestone 100yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr+20% (CC)** obtained from *ADDLESTONE 100YR+20% FLOW.ZZN* as provided by the Environment Agency
Results for **1000yr** obtained from *Addlestone 1000yr_001.ZZN* generated from *Addlestone 1000yr_001.DAT* by Capita Symonds

Note - At iSIS 'spill units' maximum stage is shown as an asterisk (*) as iSIS is not able to output stage data for these unit types.

Note - Some iSIS 'spill units' linking the Addlestone and Hale Bourne watercourses were not included in the 20yr model as received from the Environment Agency. These are shown with a plus (+) sign. As a result, maximum stage levels at the lower end of the Hale Bourne are slightly higher for the 20yr model results. These results are highlighted in red.

ISIS Node Label	Maximum Flood Stage				Maximum Flow			
	20yr	100yr	100yr+20%(CC)	1000yr	20yr	100yr	100yr+20%(CC)	1000yr
A1.056	16.375	16.593	16.685	16.843	11.287	18.997	22.710	27.933
A1.057	16.469	16.683	16.768	16.906	11.288	19.001	22.717	27.951
A1.060	16.695	16.912	16.994	17.109	11.243	18.922	22.623	27.877
A1.059JU	16.637	16.846	16.927	17.046	11.29	19.004	22.721	27.966
A1.061	16.72	16.989	17.076	17.190	11.244	18.922	22.624	27.881
A1.062	16.867	17.137	17.214	17.313	11.244	18.924	22.625	27.885
A1.063BU	17.01	17.303	17.421	17.637	11.244	18.925	22.626	27.888
A1.063BD	16.983	17.222	17.297	17.433	11.244	18.925	22.626	27.888
A1.065	17.168	17.553	17.700	17.889	11.245	18.926	22.627	27.892
A1.066	17.244	17.607	17.743	17.922	11.246	18.929	22.631	27.898
A1.067	17.335	17.673	17.801	17.970	11.247	18.931	22.635	27.901
A1.068	17.399	17.737	17.863	18.028	11.25	18.933	22.638	27.905
A1.070BU	17.483	17.976	18.208	18.569	11.251	18.935	22.641	27.908
A1.070BD	17.431	17.766	17.892	18.056	11.251	18.935	22.641	27.908
A1.069JU	17.43	17.765	17.891	18.055	11.251	18.935	22.641	27.908
A1.071	17.498	17.983	18.214	18.573	11.223	18.885	22.580	27.848
A1.072	17.519	17.993	18.220	18.577	11.231	18.897	22.597	27.873
A1.073	17.579	18.012	18.232	18.583	11.239	18.917	22.625	27.916
A1.074	17.655	18.036	18.247	18.591	11.246	18.941	22.657	27.980
A1.073a	17.628	18.025	18.240	18.587	11.243	18.929	22.640	27.945
A1.075	17.71	18.064	18.266	18.600	11.256	18.965	22.692	28.043
A1.077	17.804	18.126	18.312	18.630	11.256	18.989	22.726	28.105
A1.076JU	17.764	18.101	18.295	18.621	11.257	18.975	22.705	28.066
A1.078	17.854	18.159	18.336	18.644	11.26	19.016	22.766	28.182
A1.079	17.911	18.199	18.364	18.662	11.266	19.039	22.804	28.262
A1.080	17.985	18.262	18.413	18.690	11.199	18.926	22.670	28.149
A1.081	18.093	18.347	18.477	18.726	11.201	18.943	22.700	28.219
A1.082	18.129	18.380	18.505	18.742	11.202	18.949	22.715	28.251
A1.083	18.206	18.448	18.561	18.774	11.204	18.955	22.727	28.281
A1.084	18.326	18.549	18.649	18.833	11.206	18.961	22.742	28.327
A1.086	18.762	18.985	19.053	19.140	11.209	18.969	22.755	28.366
A1.085JU	18.641	18.888	18.958	19.049	11.206	18.966	22.754	28.361
A1.088	18.781	19.005	19.075	19.165	11.213	18.971	22.758	28.369
A1.087	18.773	18.997	19.066	19.155	11.211	18.970	22.757	28.368
A1.090	18.815	19.031	19.101	19.191	11.144	18.830	22.581	28.174
A1.091	18.867	19.074	19.144	19.236	11.149	18.833	22.583	28.176
A1.093	18.951	19.149	19.218	19.310	11.154	18.835	22.586	28.180
A1.092JU	18.943	19.145	19.214	19.306	11.154	18.835	22.586	28.180
A1.094	19.002	19.195	19.264	19.355	11.159	18.838	22.590	28.184
A1.095	19.054	19.239	19.306	19.396	11.163	18.841	22.592	28.187
A1.096	19.129	19.301	19.366	19.453	11.166	18.846	22.596	28.191
A1.097	19.216	19.378	19.440	19.525	11.169	18.846	22.598	28.195
A1.098	19.315	19.474	19.533	19.614	11.171	18.850	22.603	28.197
A1.101BU	19.567	19.767	19.846	19.952	9.536	13.878	15.654	18.102
A1.101BD	19.526	19.685	19.746	19.823	9.536	13.878	15.654	18.102
A1.101SD	19.526	19.685	19.746	19.823	1.551	4.820	6.757	9.884
A1.101JD	19.526	19.685	19.746	19.823	11.087	18.698	22.411	27.985
A1.099a	19.467	19.623	19.681	19.758	11.086	18.697	22.411	27.985
A1.104	19.783	20.119	20.251	20.383	11.087	18.698	22.411	27.985
A1.103JU	19.697	20.029	20.158	20.355	11.087	18.698	22.411	27.986
A1.106	19.945	20.235	20.361	20.439	11.087	18.699	22.412	27.990
A1.105JU	19.906	20.205	20.335	20.429	11.088	18.699	22.411	27.988
A1.105BU	19.906	20.205	20.335	20.429	5.675	5.701	5.711	5.675
A1.105BD	19.845	20.175	20.305	20.392	5.675	5.701	5.711	5.675
A1.105SU	19.906	20.205	20.335	20.429	7.048	15.941	19.717	25.028
A1.105SD	19.845	20.175	20.305	20.392	7.048	15.941	19.717	25.028
A1.105JD	19.845	20.175	20.305	20.392	11.088	18.699	22.411	27.988
A1.107	20.017	20.310	20.432	20.504	11.088	18.699	22.414	27.996
A1.109	20.349	20.693	20.813	20.867	11.089	18.702	22.415	28.003
A1.108JU	20.23	20.583	20.702	20.806	11.089	18.701	22.415	28.002
A1.108BU	20.23	20.583	20.702	20.806	10.208	10.854	10.974	12.026
A1.108BD	20.128	20.454	20.574	20.630	10.208	10.854	10.974	12.026
A1.108JD	20.128	20.454	20.574	20.630	11.089	18.701	22.415	28.002
A1.110	20.424	20.783	20.907	20.915	10.999	18.541	22.218	27.775
A1.111	20.506	20.848	20.970	20.955	11	18.542	22.217	27.782
A1.112TD	20.55	20.875	20.993	20.984	11.005	18.545	22.221	27.789
A1.114JU	20.607	20.912	21.026	21.036	11.011	18.552	22.226	27.797
A1.114BU	20.607	20.912	21.026	21.036	6.455	6.393	6.372	6.404
A1.114BD	20.596	20.903	21.018	21.023	6.455	6.393	6.372	6.404
A1.114SU	20.607	20.912	21.026	21.036	6.873	15.040	18.829	23.612
A1.114SD	20.596	20.903	21.018	21.023	6.873	15.040	18.829	23.612
A1.114JD	20.596	20.903	21.018	21.023	11.011	18.552	22.226	27.797
A1.116	20.638	20.951	21.068	21.098	11.016	18.560	22.239	27.805
A1.117	20.7	21.024	21.137	21.191	11.02	18.571	22.248	27.809

ADDLESTONE BOURNE - Maximum Flood Stage

(for cross section locations refer to appendix B3)

Results for **20yr** obtained from *Addlestone 20yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr** obtained from *Addlestone 100yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr+20% (CC)** obtained from *ADDLESTONE 100YR+20% FLOW.ZZN* as provided by the Environment Agency
Results for **1000yr** obtained from *Addlestone 1000yr_001.ZZN* generated from *Addlestone 1000yr_001.DAT* by Capita Symonds

Note - At iSIS 'spill units' maximum stage is shown as an asterisk (*) as iSIS is not able to output stage data for these unit types.

Note - Some iSIS 'spill units' linking the Addlestone and Hale Bourne watercourses were not included in the 20yr model as received from the Environment Agency. These are shown with a plus (+) sign. As a result, maximum stage levels at the lower end of the Hale Bourne are slightly higher for the 20yr model results. These results are highlighted in red.

ISIS Node Label	Maximum Flood Stage				Maximum Flow			
	20yr	100yr	100yr+20%(CC)	1000yr	20yr	100yr	100yr+20%(CC)	1000yr
A1.118	20.724	21.043	21.156	21.215	11.031	18.587	22.265	27.819
A1.119	20.744	21.053	21.164	21.225	11.049	18.611	22.288	27.834
A1.120	20.773	21.067	21.176	21.239	10.964	18.453	22.086	27.583
A1.121	20.797	21.078	21.185	21.249	10.993	18.497	22.124	27.605
A1.122	20.822	21.090	21.194	21.259	11.026	18.551	22.173	27.628
A1.124	20.906	21.130	21.225	21.293	11.08	18.692	22.289	27.684
A1.123JU	20.877	21.115	21.213	21.280	11.048	18.595	22.214	27.650
A1.123BU	20.877	21.115	21.213	21.280	6.057	6.011	6.001	5.997
A1.123BD	20.867	21.108	21.206	21.272	6.057	6.011	6.001	5.997
A1.123SU	20.877	21.115	21.213	21.280	7.169	15.478	19.305	24.532
A1.123SD	20.867	21.108	21.206	21.272	7.169	15.478	19.305	24.532
A1.123JD	20.867	21.108	21.206	21.272	11.048	18.595	22.214	27.650
A1.128	20.942	21.145	21.235	21.304	11.118	18.797	22.416	27.745
A1.127JU	20.918	21.136	21.230	21.299	11.099	18.766	22.342	27.713
A1.127BU	20.918	21.136	21.230	21.299	4.969	4.972	4.972	4.979
A1.127BD	20.914	21.134	21.227	21.296	4.969	4.972	4.972	4.979
A1.127SU	20.918	21.136	21.230	21.299	7.788	15.251	18.565	23.076
A1.127SD	20.914	21.134	21.227	21.296	7.788	15.251	18.565	23.076
A1.127JD	20.914	21.134	21.227	21.296	11.099	18.766	22.342	27.713
A1.129TD	20.998	21.168	21.250	21.316	11.136	18.865	22.500	27.795
A2.116	36.53	36.676	36.730	36.781	1.836	3.050	3.772	4.915
A2.115	36.311	36.367	36.390	36.422	1.839	3.047	3.772	4.914
A2.114	36.001	36.053	36.078	36.110	1.838	3.053	3.773	4.916
A2.113	35.732	35.738	35.765	35.810	1.962	3.053	3.770	4.915
A2.112	35.271	35.353	35.373	35.402	1.954	3.050	3.770	4.912
A2.110	34.894	35.040	35.086	35.123	1.933	3.048	3.771	4.913
A2.109a	34.635	34.777	34.830	34.888	1.933	3.050	3.771	4.913
A2.109	34.423	34.580	34.631	34.708	1.928	3.050	3.771	4.911
A2.108JU	34.203	34.386	34.428	34.571	1.919	3.050	3.770	4.881
A2.108BU	34.203	34.386	34.428	34.571	1.919	2.020	2.015	2.020
A2.108BD	34.048	34.231	34.278	34.559	1.919	2.020	2.015	2.020
A2.108SU	34.203	34.386	34.428	34.571	0	1.169	1.931	4.249
A2.108SD	34.048	34.231	34.278	34.559	0	1.169	1.931	4.249
A2.108JD	34.048	34.231	34.278	34.559	1.919	3.050	3.770	4.881
A2.107	33.821	34.013	34.122	34.534	1.922	3.048	3.758	4.752
A2.106	33.561	33.812	34.053	34.531	1.92	3.045	3.693	4.592
A2.105TU	33.458	33.759	34.044	34.530	1.893	3.044	3.674	4.638
A2.105TD	33.458	33.759	34.044	34.530	3.244	5.278	6.365	7.945
A2.103BU	33.258	33.632	33.926	34.327	3.235	5.266	6.309	7.863
A2.104BU	33.278	33.689	34.024	34.527	3.235	5.266	6.310	7.863
A2.104BD	33.271	33.645	33.930	34.328	3.235	5.266	6.310	7.863
A2.103BD	33.238	33.461	33.550	33.649	3.235	5.266	6.309	7.863
A2.102	33.068	33.239	33.315	33.421	3.233	5.266	6.309	7.863
A2.101	32.762	33.001	33.099	33.237	3.225	5.265	6.309	7.860
A2.100	32.526	32.849	32.978	33.145	3.219	5.263	6.307	7.859
A2.099	32.366	32.704	32.836	33.014	3.216	5.263	6.307	7.858
A2.098WU	32.233	32.578	32.712	32.900	2.747	4.016	4.626	5.337
A2.098WD	32.196	32.529	32.657	32.839	2.747	4.016	4.626	5.337
A2.098SU	32.233	32.578	32.712	32.900	0.468	1.247	1.681	2.521
A2.098SD	32.196	32.529	32.657	32.839	0.468	1.247	1.681	2.521
A2.097	32.098	32.412	32.539	32.722	3.211	5.263	6.307	7.857
A2.096	31.885	32.106	32.193	32.320	3.212	5.262	6.307	7.857
A2.095	31.581	31.778	31.830	31.891	3.211	5.262	6.307	7.857
A2.094	31.294	31.455	31.501	31.554	3.208	5.262	6.307	7.858
A2.093JU	31.18	31.285	31.321	31.377	3.2	5.262	6.306	7.857
A2.093WU	31.18	31.285	31.321	31.377	0.889	0.891	0.888	0.890
A2.091	31.164	31.264	31.295	31.349	3.199	5.262	6.306	7.857
A2.090JU	30.864	31.015	31.060	31.110	3.193	5.262	6.306	7.857
A2.090BU	30.864	31.015	31.060	31.110	2.952	3.235	3.287	3.443
A2.090BD	30.815	30.955	30.998	31.042	2.952	3.235	3.287	3.443
A2.090SD	30.815	30.955	30.998	31.042	0.243	2.027	3.022	4.414
A2.090JD	30.815	30.955	30.998	31.042	3.193	5.262	6.306	7.857
A2.093WD	31.171	31.274	31.308	31.364	0.889	0.891	0.888	0.890
A2.093SU	31.18	31.285	31.321	31.377	2.742	4.687	5.670	7.157
A2.093SD	31.171	31.274	31.308	31.364	2.742	4.687	5.670	7.157
A2.093JD	31.171	31.274	31.308	31.364	3.2	5.262	6.306	7.857
A2.092JU	31.17	31.274	31.307	31.363	3.2	5.262	6.306	7.857
A2.092BU	31.17	31.274	31.307	31.363	0.965	0.962	0.964	0.971
A2.092BD	31.165	31.265	31.297	31.351	0.965	0.962	0.964	0.971
A2.092SU	31.17	31.274	31.307	31.363	2.619	4.545	5.524	7.030
A2.092SD	31.165	31.265	31.297	31.351	2.619	4.545	5.524	7.030
A2.092JD	31.165	31.265	31.297	31.351	3.2	5.262	6.306	7.857
A2.089	30.658	30.747	30.775	30.817	3.191	5.262	6.306	7.857
A2.088	30.337	30.450	30.497	30.559	3.192	5.261	6.305	7.857

ADDLESTONE BOURNE - Maximum Flood Stage

(for cross section locations refer to appendix B3)

Results for **20yr** obtained from *Addlestone 20yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr** obtained from *Addlestone 100yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr+20% (CC)** obtained from *ADDLESTONE 100YR+20% FLOW.ZZN* as provided by the Environment Agency
Results for **1000yr** obtained from *Addlestone 1000yr_001.ZZN* generated from *Addlestone 1000yr_001.DAT* by Capita Symonds

Note - At iSIS 'spill units' maximum stage is shown as an asterisk (*) as iSIS is not able to output stage data for these unit types.

Note - Some iSIS 'spill units' linking the Addlestone and Hale Bourne watercourses were not included in the 20yr model as received from the Environment Agency. These are shown with a plus (+) sign. As a result, maximum stage levels at the lower end of the Hale Bourne are slightly higher for the 20yr model results. These results are highlighted in red.

ISIS Node Label	Maximum Flood Stage				Maximum Flow			
	20yr	100yr	100yr+20%(CC)	1000yr	20yr	100yr	100yr+20%(CC)	1000yr
A2.087JU	30.158	30.288	30.343	30.413	3.192	5.261	6.305	7.857
A2.087WU	30.158	30.288	30.343	30.413	0.818	1.157	1.308	1.490
A2.087SU	30.158	30.288	30.343	30.413	2.375	4.104	4.997	6.367
A2.087SD	30.146	30.270	30.323	30.390	2.375	4.104	4.997	6.367
A2.086JD	30.146	30.270	30.323	30.390	3.192	5.261	6.305	7.857
A2.085	30.094	30.204	30.250	30.308	3.192	5.261	6.306	7.856
A2.084	30.027	30.126	30.165	30.215	3.189	5.260	6.305	7.856
A2.083	29.839	29.949	29.986	30.028	3.188	5.259	6.304	7.855
A2.082	29.639	29.776	29.813	29.848	3.186	5.258	6.304	7.855
A2.081	29.384	29.512	29.547	29.582	3.185	5.258	6.303	7.854
A2.080	29.02	29.177	29.212	29.257	3.186	5.257	6.303	7.854
A2.078	28.57	28.679	28.713	28.756	3.186	5.257	6.302	7.851
A2.079	28.719	28.871	28.917	28.977	3.186	5.256	6.303	7.853
A2.077	28.466	28.535	28.560	28.589	3.185	5.256	6.302	7.851
A2.075JU	28.235	28.345	28.373	28.407	3.185	5.255	6.302	7.851
A2.075WU	28.235	28.345	28.373	28.407	2.725	2.784	2.791	2.786
A2.075WD	28.113	28.274	28.312	28.355	2.725	2.784	2.791	2.786
A2.075SU	28.235	28.345	28.373	28.407	0.497	3.028	4.186	5.855
A2.075SD	28.113	28.274	28.312	28.355	0.497	3.028	4.186	5.855
A2.075JD	28.113	28.274	28.312	28.355	3.185	5.255	6.302	7.851
A2.074JU	28.146	28.275	28.308	28.349	3.185	5.255	6.302	7.851
A2.074BU	28.146	28.275	28.308	28.349	2.47	2.481	2.486	2.484
A2.074BD	28.136	28.269	28.302	28.342	2.47	2.481	2.486	2.484
A2.074SU	28.146	28.275	28.308	28.349	1.643	4.025	5.051	6.575
A2.074SD	28.136	28.269	28.302	28.342	1.643	4.025	5.051	6.575
A2.074JD	28.136	28.269	28.302	28.342	3.185	5.255	6.302	7.851
A2.073	27.942	28.133	28.171	28.217	3.182	5.255	6.301	7.850
A2.072	27.685	27.870	27.927	27.980	3.182	5.253	6.300	7.850
A2.070JU	27.484	27.669	27.745	27.785	3.181	5.251	6.298	7.850
A2.070WU	27.484	27.669	27.745	27.785	2.965	3.075	3.079	3.084
A2.070WD	27.44	27.648	27.729	27.767	2.965	3.075	3.079	3.084
A2.070SU	27.484	27.669	27.745	27.785	0.216	2.844	4.096	5.404
A2.070SD	27.44	27.648	27.729	27.767	0.216	2.844	4.096	5.404
A2.070JD	27.44	27.648	27.729	27.767	3.181	5.251	6.298	7.850
A2.069	27.204	27.414	27.493	27.556	3.18	5.249	6.297	7.850
A2.068	26.945	27.091	27.141	27.193	3.18	5.249	6.297	7.850
A2.067	26.826	26.959	26.996	27.038	3.179	5.248	6.296	7.848
A2.066	26.657	26.775	26.808	26.847	3.177	5.247	6.296	7.849
A2.065TU	26.55	26.626	26.653	26.681	3.178	5.248	6.298	7.852
A2.065TD	26.55	26.626	26.653	26.681	3.56	5.877	7.057	8.815
A2.064	26.309	26.393	26.435	26.485	3.559	5.870	7.055	8.808
A2.063JU	26.146	26.248	26.304	26.384	3.559	5.847	7.045	8.783
A2.063BU	26.146	26.248	26.304	26.384	2.263	2.260	2.257	2.261
A2.063BD	26.142	26.244	26.300	26.381	2.263	2.260	2.257	2.261
A2.063SD	26.142	26.244	26.300	26.381	2.419	4.769	6.046	7.871
A2.063JD	26.142	26.244	26.300	26.381	3.559	5.847	7.045	8.783
A2.062	26.056	26.207	26.272	26.362	3.559	5.822	7.034	8.761
A2.061	25.893	26.161	26.235	26.335	3.55	5.788	7.022	8.739
A2.060	25.774	26.139	26.216	26.319	3.541	5.770	7.017	8.728
A2.059	25.679	26.127	26.204	26.308	3.526	5.757	7.012	8.719
A2.058JU	25.638	26.123	26.201	26.305	3.522	5.753	7.012	8.718
A2.058BU	25.638	26.123	26.201	26.305	3.522	5.021	5.039	5.033
A2.058BD	25.616	26.086	26.172	26.295	3.522	5.021	5.039	5.033
A2.058SU	25.638	26.123	26.201	26.305	0	0.984	3.033	6.508
A2.058SD	25.616	26.086	26.172	26.295	0	0.984	3.033	6.508
A2.058JD	25.616	26.086	26.172	26.295	3.522	5.753	7.012	8.718
A2.056JU	25.609	26.082	26.168	26.292	3.522	5.753	7.012	8.717
A2.056BU	25.609	26.082	26.168	26.292	3.522	5.753	7.012	8.714
A2.056BD	25.586	26.010	26.052	26.093	3.522	5.753	7.012	8.714
A2.056SD	25.586	26.010	26.052	26.093	0	0.000	0.000	0.003
A2.056JD	25.586	26.010	26.052	26.093	3.522	5.753	7.012	8.717
A2.055WU	25.581	26.005	26.047	26.088	1.91	2.758	2.768	2.766
A2.055WD	25.272	25.630	25.689	25.753	1.91	2.758	2.768	2.766
A2.055SU	25.581	26.005	26.047	26.088	1.612	2.999	4.257	5.997
A2.055SD	25.272	25.630	25.689	25.753	1.612	2.999	4.257	5.997
A2.054	25.118	25.516	25.591	25.669	3.522	5.752	7.011	8.716
A2.053	24.95	25.384	25.447	25.530	3.521	5.747	7.006	8.713
A2.052	24.841	25.369	25.430	25.509	3.521	5.728	6.992	8.719
A2.051	24.638	25.232	25.286	25.349	3.521	11.089	13.842	17.976
A2.050	24.483	25.039	25.096	25.157	3.52	11.089	13.843	17.974
A2.049JU	24.283	24.827	24.890	24.966	3.52	11.085	13.841	17.973
A2.049BU	24.283	24.827	24.890	24.966	3.517	5.214	5.248	5.265
A2.049BD	24.265	24.794	24.855	24.930	3.517	5.214	5.248	5.265
A2.049SU	24.283	24.827	24.890	24.966	0.003	6.491	9.323	13.533

ADDLESTONE BOURNE - Maximum Flood Stage

(for cross section locations refer to appendix B3)

Results for **20yr** obtained from *Addlestone 20yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr** obtained from *Addlestone 100yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr+20% (CC)** obtained from *ADDLESTONE 100YR+20% FLOW.ZZN* as provided by the Environment Agency
Results for **1000yr** obtained from *Addlestone 1000yr_001.ZZN* generated from *Addlestone 1000yr_001.DAT* by Capita Symonds

Note - At iSIS 'spill units' maximum stage is shown as an asterisk (*) as iSIS is not able to output stage data for these unit types.

Note - Some iSIS 'spill units' linking the Addlestone and Hale Bourne watercourses were not included in the 20yr model as received from the Environment Agency. These are shown with a plus (+) sign. As a result, maximum stage levels at the lower end of the Hale Bourne are slightly higher for the 20yr model results. These results are highlighted in red.

ISIS Node Label	Maximum Flood Stage				Maximum Flow			
	20yr	100yr	100yr+20%(CC)	1000yr	20yr	100yr	100yr+20%(CC)	1000yr
A2.049SD	24.265	24.794	24.855	24.930	0.003	6.491	9.323	13.533
A2.049JD	24.265	24.794	24.855	24.930	3.52	11.085	13.841	17.973
A2.048BU	24.224	24.740	24.803	24.877	3.494	3.655	3.642	3.635
A2.048BD	24.216	24.730	24.790	24.862	3.494	3.655	3.642	3.635
A2.048SU	24.224	24.740	24.803	24.877	0.026	7.856	10.443	14.388
A2.048SD	24.216	24.730	24.790	24.862	0.026	7.856	10.443	14.388
A2.047	24.086	24.670	24.732	24.803	3.517	11.075	13.834	17.963
A2.046	23.924	24.341	24.394	24.463	3.517	11.075	13.834	17.963
A2.044	23.805	24.096	24.128	24.169	3.516	11.075	13.833	17.963
A2.043	23.6	23.898	23.932	23.975	3.515	11.074	13.830	17.959
A2.042BU	23.383	23.650	23.693	23.752	3.154	3.609	3.613	3.628
A2.042BD	23.339	23.619	23.662	23.722	3.154	3.609	3.613	3.628
A2.042SU	23.383	23.650	23.693	23.752	0.416	8.527	11.347	15.598
A2.042SD	23.339	23.619	23.662	23.722	0.416	8.527	11.347	15.598
A2.041	23.23	23.464	23.514	23.580	3.464	11.048	13.822	17.942
A2.040	23.227	23.460	23.510	23.575	3.395	11.018	13.808	17.929
A2.039	23.212	23.443	23.492	23.557	3.376	11.011	13.801	17.928
A2.039TU	23.2	23.430	23.479	23.544	3.374	11.010	13.801	17.928
A2.039TD	23.2	23.430	23.479	23.544	3.853	11.792	14.740	19.083
A2.038	23.153	23.368	23.416	23.477	3.851	11.789	14.738	19.079
A2.037	23.054	23.265	23.313	23.372	3.846	11.785	14.734	19.076
A2.036	22.983	23.208	23.255	23.317	3.835	11.782	14.730	19.069
A2.035	22.92	23.144	23.190	23.253	3.827	11.776	14.724	19.058
A2.034	22.868	23.089	23.136	23.201	3.82	11.770	14.715	19.042
A2.033JU	22.808	23.034	23.088	23.163	3.813	11.762	14.705	19.014
A2.033BU	22.808	23.034	23.088	23.163	3.173	11.762	14.705	19.014
A2.033BD	22.791	23.034	23.088	23.163	3.173	11.762	14.705	19.014
A2.033SU	22.808	23.034	23.088	23.163	1.004	5.370	5.414	5.462
A2.033SD	22.791	23.034	23.088	23.163	1.004	5.370	5.414	5.462
A2.033JD	22.791	23.034	23.088	23.163	3.813	11.762	14.705	19.014
A2.032	22.713	22.970	23.029	23.115	3.804	11.756	14.695	18.988
A2.031	22.668	22.927	22.984	23.077	3.796	11.751	14.688	18.953
A2.030TU	22.63	22.882	22.940	23.042	3.791	11.748	14.679	18.906
A2.030TD	22.63	22.882	22.940	23.042	5.384	14.642	18.158	23.236
A2.029	22.588	22.843	22.903	23.015	5.378	14.637	18.146	23.191
A2.028	22.479	22.789	22.851	22.982	5.364	14.630	18.124	23.100
A2.027JU	22.353	22.689	22.771	22.941	5.358	14.614	18.086	22.994
A2.027BU	22.353	22.689	22.771	22.941	5.358	8.160	8.193	8.230
A2.027BD	22.326	22.662	22.752	22.929	5.358	8.160	8.193	8.230
A2.027SU	22.353	22.689	22.771	22.941	0	9.115	13.519	19.301
A2.027SD	22.326	22.662	22.752	22.929	0	9.115	13.519	19.301
A2.027JD	22.326	22.662	22.752	22.929	5.358	14.614	18.086	22.994
A2.025	22.258	22.569	22.687	22.902	5.342	14.523	17.960	22.731
A2.024	22.231	22.559	22.680	22.899	5.304	14.406	17.787	22.418
A2.023	22.209	22.546	22.671	22.894	5.273	14.324	17.662	22.167
A2.022	22.167	22.529	22.660	22.888	5.252	14.262	17.565	21.987
A2.021	22.123	22.515	22.651	22.884	5.234	14.208	17.483	21.844
A2.020	22.057	22.493	22.637	22.876	5.22	14.180	17.431	21.748
A2.019	21.945	22.468	22.621	22.869	5.217	14.174	17.405	21.683
A2.018BU	21.816	22.399	22.585	22.856	5.217	14.164	17.395	21.644
A2.018BD	21.788	22.210	22.285	22.360	5.217	14.164	17.395	21.644
A2.017	21.649	21.973	22.034	22.099	5.216	14.165	17.394	21.645
A2.016	21.561	21.779	21.828	21.885	5.211	14.160	17.389	21.641
A2.015	21.508	21.707	21.752	21.806	5.187	14.144	17.376	21.632
A2.014	21.488	21.686	21.730	21.783	5.127	14.112	17.347	21.610
A2.013	21.482	21.679	21.724	21.776	5.047	14.070	17.309	21.581
A2.012JU	21.477	21.674	21.718	21.771	4.978	14.038	17.277	21.559
A2.012BU	21.477	21.674	21.718	21.771	1.613	1.624	1.627	1.641
A2.012BD	21.476	21.673	21.717	21.769	1.613	1.624	1.627	1.641
A2.012SU	21.477	21.674	21.718	21.771	4.602	13.492	16.677	20.892
A2.012SD	21.476	21.673	21.717	21.769	4.602	13.492	16.677	20.892
A2.012JD	21.476	21.673	21.717	21.769	4.978	14.038	17.277	21.559
A2.011	21.461	21.659	21.703	21.754	4.924	14.022	17.257	21.543
A2.010	21.439	21.638	21.681	21.731	4.904	14.016	17.249	21.534
A2.009	21.398	21.593	21.634	21.682	4.898	14.012	17.243	21.527
A2.008	21.282	21.505	21.556	21.614	4.892	14.001	17.230	21.515
A2.007	21.204	21.440	21.499	21.568	4.881	13.976	17.199	21.488
A2.006	21.168	21.418	21.479	21.547	4.861	13.948	17.164	21.459
A2.005	21.125	21.387	21.450	21.521	4.841	13.926	17.135	21.441
A2.004	21.102	21.362	21.426	21.497	4.824	13.909	17.113	21.426
A2.003	21.092	21.347	21.410	21.479	4.804	13.892	17.094	21.412
A2.002	21.055	21.286	21.353	21.421	4.789	13.879	17.074	21.399
A2.001JU	21.015	21.205	21.282	21.348	4.777	13.854	17.042	21.376
A2.001BU	21.015	21.205	21.282	21.348	2.665	4.801	5.038	5.327

ADDLESTONE BOURNE - Maximum Flood Stage

(for cross section locations refer to appendix B3)

Results for **20yr** obtained from *Addlestone 20yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr** obtained from *Addlestone 100yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr+20% (CC)** obtained from *ADDLESTONE 100YR+20% FLOW.ZZN* as provided by the Environment Agency
Results for **1000yr** obtained from *Addlestone 1000yr_001.ZZN* generated from *Addlestone 1000yr_001.DAT* by Capita Symonds

Note - At iSIS 'spill units' maximum stage is shown as an asterisk (*) as iSIS is not able to output stage data for these unit types.

Note - Some iSIS 'spill units' linking the Addlestone and Hale Bourne watercourses were not included in the 20yr model as received from the Environment Agency. These are shown with a plus (+) sign. As a result, maximum stage levels at the lower end of the Hale Bourne are slightly higher for the 20yr model results. These results are highlighted in red.

ISIS Node Label	Maximum Flood Stage				Maximum Flow			
	20yr	100yr	100yr+20%(CC)	1000yr	20yr	100yr	100yr+20%(CC)	1000yr
A2.001BD	21.009	21.191	21.268	21.331	2.665	4.801	5.038	5.327
A2.001SU	21.015	21.205	21.282	21.348	2.134	9.368	12.696	16.906
A2.001SD	21.009	21.191	21.268	21.331	2.134	9.368	12.696	16.906
A2.001JD	21.009	21.191	21.268	21.331	4.777	13.854	17.042	21.376
A1.129TU	20.998	21.168	21.250	21.316	4.768	13.820	16.996	21.345
A1.003JD	12.263	12.805	13.002	13.251	5.823	9.905	11.640	14.965
S1.004JU	12.232	12.790	12.993	13.247	5.462	9.230	11.236	12.926
S1.004BU	12.232	12.790	12.993	13.247	5.462	7.180	7.225	7.228
S1.004BD	12.202	12.737	12.948	13.208	5.462	7.180	7.225	7.228
S1.004SD	12.202	12.737	12.948	13.208	0	2.304	5.031	7.295
S1.004JD	12.202	12.737	12.948	13.208	5.462	9.230	11.236	12.926
S1.003	12.189	12.729	12.941	13.203	5.462	9.230	11.235	12.924
S1.002	12.171	12.718	12.930	13.194	5.462	9.229	11.235	12.924
S1.001	12.146	12.696	12.909	13.178	5.462	9.229	11.235	12.924
AddTop	37.083	37.142	37.167	37.199	1.836	3.054	3.776	4.920
A2.117JU	37.066	37.125	37.149	37.180	1.836	3.054	3.776	4.920
A2.117BU	37.066	37.125	37.149	37.180	0.825	0.825	0.824	0.825
A2.117BD	36.979	37.088	37.117	37.149	0.825	0.825	0.824	0.825
A2.117SU	37.066	37.125	37.149	37.180	1.313	2.716	3.462	4.611
A2.117SD	36.979	37.088	37.117	37.149	1.313	2.716	3.462	4.611
A2.117JD	36.979	37.088	37.117	37.149	1.836	3.054	3.776	4.920
Bulhousen	33.458	33.759	34.044	34.530	1.368	2.276	2.814	3.666
Pennypot	26.55	26.626	26.653	26.681	0.383	0.637	0.787	1.025
BurntBarn	23.2	23.430	23.479	23.544	0.481	0.798	0.986	1.284
Knaphill	22.63	22.882	22.940	23.042	1.612	2.673	3.302	4.299
Goldsworth	+	22.882	22.940	23.042		0.250	0.250	0.250
A1.099TD	19.421	19.576	19.633	19.711	11.085	18.696	22.410	27.985
A1.006JU	12.758	13.212	13.325	13.476	11.287	19.145	22.893	27.924
A1.006BU	12.758	13.212	13.325	13.476	11.283	11.839	11.857	11.856
A1.006SU	12.758	13.212	13.325	13.476	0.004	12.716	17.432	23.304
A1.006BD	12.665	13.179	13.300	13.457	11.283	11.839	11.857	11.856
A1.006SD	12.665	13.179	13.300	13.457	0.004	12.716	17.432	23.304
A1.006JD	12.665	13.179	13.300	13.457	11.287	19.145	22.893	27.924
A1.011BU	12.928	13.391	13.520	13.661	7.632	10.346	10.318	10.267
A1.011SU	12.928	13.391	13.520	13.661	0.023	7.459	13.055	19.038
A1.011BD	12.908	13.368	13.506	13.649	7.632	10.346	10.318	10.267
A1.011SD	12.908	13.368	13.506	13.649	0.023	7.459	13.055	19.038
A1.011JD	12.908	13.368	13.506	13.649	7.655	15.583	19.432	24.580
A1.010JU	12.894	13.346	13.484	13.629	7.664	15.599	19.450	24.595
A1.015JD	13.186	13.653	13.768	13.887	11.279	19.145	22.894	27.925
A1.014JU	13.146	13.580	13.703	13.834	11.279	19.143	22.892	27.923
A1.014JD	13.146	13.580	13.703	13.834	7.655	15.593	19.444	24.588
A1.014WU	13.146	13.580	13.703	13.834	3.656	3.669	3.657	3.635
A1.014Cin	13.107	13.550	13.676	13.809	3.656	3.669	3.657	3.635
A1.014CD	12.894	13.346	13.484	13.629	3.656	3.669	3.657	3.635
A1.059BU	16.637	16.846	16.927	17.046	7.547	7.662	7.708	7.668
A1.059SU	16.637	16.846	16.927	17.046	3.849	11.580	15.319	20.773
A1.059BD	16.593	16.800	16.881	17.001	7.547	7.662	7.708	7.668
A1.059JD	16.593	16.800	16.881	17.001	11.29	19.004	22.721	27.966
A1.059SD	16.593	16.800	16.881	17.001	3.849	11.580	15.319	20.773
A1.069BU	17.43	17.765	17.891	18.055	6.316	6.447	6.527	6.601
A1.069SU	17.43	17.765	17.891	18.055	5.158	12.535	16.200	21.416
A1.069BD	17.422	17.753	17.877	18.040	6.316	6.447	6.527	6.601
A1.069SD	17.422	17.753	17.877	18.040	5.158	12.535	16.200	21.416
A1.069JD	17.422	17.753	17.877	18.040	11.251	18.935	22.641	27.908
A1.076BU	17.764	18.101	18.295	18.621	4.188	4.393	4.455	4.380
A1.076SU	17.764	18.101	18.295	18.621	7.09	15.313	19.326	25.098
A1.076BD	17.744	18.083	18.279	18.608	4.188	4.393	4.455	4.380
A1.076SD	17.744	18.083	18.279	18.608	7.09	15.313	19.326	25.098
A1.076JD	17.744	18.083	18.279	18.608	11.257	18.975	22.705	28.066
A1.085BU	18.641	18.888	18.958	19.049	10.024	10.151	10.152	10.106
A1.085SU	18.641	18.888	18.958	19.049	1.189	10.626	15.201	22.320
A1.085BD	18.435	18.715	18.810	18.954	10.024	10.151	10.152	10.106
A1.085JD	18.435	18.715	18.810	18.954	11.206	18.966	22.754	28.361
A1.085SD	18.435	18.715	18.810	18.954	1.189	10.626	15.201	22.320
A1.092BU	18.943	19.145	19.214	19.306	4.865	4.846	4.840	4.824
A1.092SU	18.943	19.145	19.214	19.306	6.913	15.150	18.902	24.446
A1.092BD	18.921	19.126	19.195	19.286	4.865	4.846	4.840	4.824
A1.092SD	18.921	19.126	19.195	19.286	6.913	15.150	18.902	24.446
A1.092JD	18.921	19.126	19.195	19.286	11.154	18.835	22.586	28.180
A1.101SU	19.567	19.767	19.846	19.952	1.551	4.820	6.757	9.884
A1.103BU	19.697	20.029	20.158	20.355	10.026	13.107	14.179	15.031
A1.103SU	19.697	20.029	20.158	20.355	1.062	5.591	8.232	12.955
A1.103BD	19.578	19.776	19.855	20.002	10.026	13.107	14.179	15.031

ADDLESTONE BOURNE - Maximum Flood Stage

(for cross section locations refer to appendix B3)

Results for **20yr** obtained from *Addlestone 20yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr** obtained from *Addlestone 100yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr+20% (CC)** obtained from *ADDLESTONE 100YR+20% FLOW.ZZN* as provided by the Environment Agency
Results for **1000yr** obtained from *Addlestone 1000yr_001.ZZN* generated from *Addlestone 1000yr_001.DAT* by Capita Symonds

Note - At iSIS 'spill units' maximum stage is shown as an asterisk (*) as iSIS is not able to output stage data for these unit types.

Note - Some iSIS 'spill units' linking the Addlestone and Hale Bourne watercourses were not included in the 20yr model as received from the Environment Agency. These are shown with a plus (+) sign. As a result, maximum stage levels at the lower end of the Hale Bourne are slightly higher for the 20yr model results. These results are highlighted in red.

ISIS Node Label	Maximum Flood Stage				Maximum Flow			
	20yr	100yr	100yr+20%(CC)	1000yr	20yr	100yr	100yr+20%(CC)	1000yr
A1.103SD	19.578	19.776	19.855	20.002	1.062	5.591	8.232	12.955
A1.103JD	19.578	19.776	19.855	20.002	11.087	18.698	22.411	27.986
A1.108SU	20.23	20.583	20.702	20.806	0.881	8.097	12.055	16.093
A1.108SD	20.128	20.454	20.574	20.630	0.881	8.097	12.055	16.093
A2.090SU	30.864	31.015	31.060	31.110	0.243	2.027	3.022	4.414
A2.063SU	26.146	26.248	26.304	26.384	2.419	4.769	6.046	7.871
A2.056SU	25.609	26.082	26.168	26.292	0	0.000	0.000	0.003
S1.004SU	12.232	12.790	12.993	13.247	0	2.304	5.031	7.295
S1.005	12.263	12.805	13.002	13.251	5.463	9.231	11.238	12.928
A1.101JU	19.567	19.767	19.846	19.952	11.087	18.698	22.411	27.985
H1.001	20.998	21.168	21.250	21.316	6.546	5.333	5.874	6.653
H1.120a	46.195	46.421	46.457	46.506	2.961	4.940	6.038	7.816
HattonHill	46.013	46.308	46.363	46.426	0.937	1.551	1.915	2.493
Windlesham	41.385	41.506	41.568	41.665	0.414	0.688	0.850	1.106
Lightwater	47.383	47.479	47.535	47.573	1.506	2.500	3.089	4.022
Clappers	30.052	30.135	30.163	30.196	1.142	1.891	2.335	3.039
BurrowHill	27.087	27.307	27.421	27.566	0.492	0.811	1.001	1.301
ChobhamPark	23.202	23.063	23.121	23.209	1.266	2.081	2.564	3.330
H1.120TU	46.013	46.308	46.363	46.426	2.971	4.892	6.051	7.831
H1.120TD	46.013	46.308	46.363	46.426	3.527	5.756	7.099	9.074
H1.119JU	45.813	46.169	46.247	46.339	3.527	5.775	7.094	9.064
H1.119BU	45.813	46.169	46.247	46.339	3.527	4.016	4.018	4.019
H1.119SU	45.813	46.169	46.247	46.339	0	2.362	4.690	7.827
H1.119SD	45.643	45.971	46.147	46.312	0	2.362	4.690	7.827
H1.119BD	45.643	45.971	46.147	46.312	3.527	4.016	4.018	4.019
H1.119JD	45.643	45.971	46.147	46.312	3.527	5.775	7.094	9.064
H1.117BU	45.471	45.740	45.848	46.016	3.527	5.777	7.093	9.061
H1.117WU	45.445	45.664	45.745	45.874	3.527	5.777	7.093	9.061
H1.117WD	45.436	45.644	45.716	45.831	3.527	5.777	7.093	9.061
H1.116BU	45.019	45.185	45.270	45.439	3.527	5.774	7.093	9.059
H1.116BD	45.005	45.138	45.192	45.256	3.527	5.774	7.093	9.059
H1.115	44.767	44.851	44.886	44.933	3.527	5.761	7.094	9.060
H1.114	44.342	44.508	44.560	44.607	3.527	5.740	7.094	9.060
H1.113	43.996	44.249	44.322	44.377	3.525	5.753	7.088	9.060
H1.112	43.546	43.722	43.797	43.866	3.524	5.744	7.085	9.060
H1.111	43.081	43.263	43.335	43.444	3.524	5.733	7.085	9.058
H1.110	42.783	43.050	43.161	43.314	3.523	5.732	7.082	9.054
H1.109	42.592	42.885	43.030	43.208	3.523	5.727	7.081	9.054
H1.108	42.311	42.590	42.718	42.876	3.523	5.725	7.081	9.053
H1.107	42.037	42.285	42.365	42.454	3.523	5.724	7.081	9.053
H1.106JU	41.848	42.153	42.227	42.308	3.523	5.724	7.081	9.053
H1.106BU	41.848	42.153	42.227	42.308	3.523	4.281	4.282	4.279
H1.106SU	41.848	42.153	42.227	42.308	0	1.476	2.951	5.376
H1.106SD	41.62	41.799	41.893	42.045	0	1.476	2.951	5.376
H1.106WU	41.674	41.857	41.942	42.078	3.523	4.281	4.282	4.279
H1.106WD	41.62	41.799	41.893	42.045	3.523	4.281	4.282	4.279
H1.106JD	41.62	41.799	41.893	42.045	3.523	5.724	7.081	9.053
H1.105TD	41.385	41.506	41.568	41.665	3.523	5.726	7.082	9.056
H1.105TU	41.385	41.506	41.568	41.665	3.78	6.138	7.547	9.612
H1.104	41.1	41.262	41.342	41.443	3.78	6.140	7.546	9.612
H1.103	40.803	40.924	40.977	41.052	3.78	6.140	7.545	9.612
H1.102	40.527	40.596	40.648	40.717	3.78	6.140	7.544	9.611
H1.101	40.192	40.350	40.446	40.534	3.779	6.135	7.542	9.609
H1.100	39.978	40.229	40.362	40.462	3.779	6.131	7.537	9.606
H1.099	39.873	40.153	40.302	40.394	3.779	6.131	7.538	9.605
H1.098JU	39.543	39.841	40.010	40.192	3.781	6.132	7.538	9.606
L1.001	39.543	39.841	40.010	40.192	1.503	2.156	2.388	2.708
H1.098BU	39.543	39.841	40.010	40.192	4.814	8.121	9.857	11.791
H1.098SU	39.543	39.841	40.010	40.192	0	0.000	0.002	0.510
H1.098SD	39.528	39.715	39.789	39.882	0	0.000	0.002	0.510
H1.098BD	39.528	39.715	39.789	39.882	4.814	8.121	9.857	11.791
H1.098JD	39.528	39.715	39.789	39.882	4.814	8.121	9.859	12.300
H1.096	39.185	39.263	39.287	39.322	4.814	8.120	9.859	12.301
H1.095	38.983	39.057	39.087	39.122	4.813	8.120	9.860	12.301
H1.094	38.859	38.929	38.964	39.002	4.811	8.121	9.859	12.300
H1.093	38.779	38.845	38.878	38.915	4.812	8.119	9.859	12.300
H1.092JU	38.588	38.686	38.727	38.776	4.811	8.119	9.858	12.300
H1.092WU	38.588	38.686	38.727	38.776	3.529	4.169	4.442	4.787
H1.092WD	38.279	38.444	38.494	38.545	3.529	4.169	4.442	4.787
H1.092SU	38.588	38.686	38.727	38.776	1.282	3.950	5.416	7.513
H1.092SD	38.279	38.444	38.494	38.545	1.282	3.950	5.416	7.513
H1.092JD	38.279	38.444	38.494	38.545	4.811	8.119	9.858	12.300
H1.091JU	38.278	38.443	38.493	38.544	4.81	8.119	9.858	12.300
H1.091BU	38.278	38.443	38.493	38.544	4.356	4.399	4.406	4.410

ADDLESTONE BOURNE - Maximum Flood Stage

(for cross section locations refer to appendix B3)

Results for **20yr** obtained from *Addlestone 20yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr** obtained from *Addlestone 100yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr+20% (CC)** obtained from *ADDLESTONE 100YR+20% FLOW.ZZN* as provided by the Environment Agency
Results for **1000yr** obtained from *Addlestone 1000yr_001.ZZN* generated from *Addlestone 1000yr_001.DAT* by Capita Symonds

Note - At iSIS 'spill units' maximum stage is shown as an asterisk (*) as iSIS is not able to output stage data for these unit types.

Note - Some iSIS 'spill units' linking the Addlestone and Hale Bourne watercourses were not included in the 20yr model as received from the Environment Agency. These are shown with a plus (+) sign. As a result, maximum stage levels at the lower end of the Hale Bourne are slightly higher for the 20yr model results. These results are highlighted in red.

ISIS Node Label	Maximum Flood Stage				Maximum Flow			
	20yr	100yr	100yr+20%(CC)	1000yr	20yr	100yr	100yr+20%(CC)	1000yr
H1.091SU	38.278	38.443	38.493	38.544	0.509	5.070	7.416	9.831
H1.091SD	38.211	38.404	38.464	38.517	0.509	5.070	7.416	9.831
H1.091BD	38.211	38.404	38.464	38.517	4.356	4.399	4.406	4.410
H1.090JD	38.211	38.404	38.464	38.517	4.81	8.119	9.858	12.300
H1.089JU	38.198	38.395	38.456	38.507	4.807	8.115	9.856	13.053
H1.089BU	38.198	38.395	38.456	38.507	2.646	2.643	2.627	2.647
H1.089SU	38.198	38.395	38.456	38.507	3.184	7.308	9.091	12.176
H1.089SD	38.158	38.385	38.446	38.497	3.184	7.308	9.091	12.176
H1.089BD	38.158	38.385	38.446	38.497	2.646	2.643	2.627	2.647
H1.089JD	38.158	38.385	38.446	38.497	4.807	8.115	9.856	13.053
H1.088	38.069	38.356	38.425	38.479	4.806	8.113	9.855	13.665
H1.087	37.668	37.853	37.911	37.995	4.806	8.113	9.854	12.936
H1.086	37.26	37.347	37.376	37.422	4.806	8.112	9.854	12.893
H1.085JU	37.04	37.135	37.165	37.207	4.805	8.113	9.855	12.697
H1.085BU	37.04	37.135	37.165	37.207	4.542	4.548	4.548	4.549
H1.085SU	37.04	37.135	37.165	37.207	0.268	3.964	5.725	8.602
H1.085SD	36.903	37.026	37.059	37.105	0.268	3.964	5.725	8.602
H1.085BD	36.903	37.026	37.059	37.105	4.542	4.548	4.548	4.549
H1.085JD	36.903	37.026	37.059	37.105	4.805	8.113	9.855	12.697
H1.084	36.782	36.899	36.940	36.998	4.805	8.112	9.854	12.631
H1.083	36.599	36.723	36.763	36.809	4.802	8.111	9.854	12.350
H1.082JU	36.458	36.617	36.651	36.690	4.801	8.111	9.854	12.402
H1.082BU	36.458	36.617	36.651	36.690	4.801	5.516	5.514	5.515
H1.082SU	36.458	36.617	36.651	36.690	0	3.130	5.088	7.669
H1.082SD	36.386	36.530	36.571	36.608	0	3.130	5.088	7.669
H1.082BD	36.386	36.530	36.571	36.608	4.801	5.516	5.514	5.515
H1.082JD	36.386	36.530	36.571	36.608	4.801	8.111	9.854	12.402
H1.081	36.192	36.315	36.358	36.401	4.8	8.110	9.853	12.404
H1.080	35.919	36.028	36.067	36.107	4.8	8.109	9.853	12.306
H1.079	35.726	35.793	35.821	35.856	4.796	8.109	9.852	12.297
H1.078	35.324	35.567	35.608	35.643	4.793	8.108	9.852	12.299
H1.077	35.052	35.343	35.479	35.490	4.793	8.106	9.853	12.299
H1.076	34.873	35.043	35.214	35.239	4.792	8.106	9.853	12.298
H1.075	34.697	34.929	34.980	35.030	4.793	8.101	9.852	12.296
H1.074JU	34.525	34.847	34.906	34.960	4.793	8.098	9.850	12.296
H1.074BU	34.525	34.847	34.906	34.960	4.793	6.906	6.898	6.909
H1.074SU	34.525	34.847	34.906	34.960	0	1.329	3.404	6.274
H1.074SD	34.477	34.725	34.791	34.856	0	1.329	3.404	6.274
H1.074BD	34.477	34.725	34.791	34.856	4.793	6.906	6.898	6.909
H1.074JD	34.477	34.725	34.791	34.856	4.793	8.098	9.850	12.296
H1.073JU	34.274	34.550	34.616	34.682	4.792	8.095	9.849	12.294
H1.073BU	34.274	34.550	34.616	34.682	4.775	5.550	5.627	5.655
H1.073SU	34.274	34.550	34.616	34.682	0.017	2.548	4.298	6.640
H1.073SD	34.114	34.338	34.404	34.460	0.017	2.548	4.298	6.640
H1.073WU	34.173	34.391	34.452	34.506	4.775	5.550	5.627	5.655
H1.073WD	34.114	34.338	34.404	34.460	4.775	5.550	5.627	5.655
H1.073JD	34.114	34.338	34.404	34.460	4.792	8.095	9.849	12.294
H1.072	33.785	34.000	34.054	34.103	4.792	8.095	9.850	12.295
H1.071JU	33.489	33.768	33.826	33.885	4.791	8.094	9.852	12.294
H1.071BU	33.489	33.768	33.826	33.885	4.706	5.480	5.548	5.509
H1.071SU	33.489	33.768	33.826	33.885	0.085	2.616	4.470	7.010
H1.071SD	33.383	33.606	33.663	33.722	0.085	2.616	4.470	7.010
H1.071BD	33.383	33.606	33.663	33.722	4.706	5.480	5.548	5.509
H1.071JD	33.383	33.606	33.663	33.722	4.791	8.094	9.852	12.294
H1.069	33.084	33.324	33.410	33.446	4.791	8.094	9.853	12.294
H1.068	32.913	33.033	33.120	33.169	4.791	8.094	9.848	12.294
H1.067	32.619	32.809	32.837	32.872	4.791	8.094	9.849	12.292
H1.066JU	32.298	32.518	32.576	32.690	4.791	8.092	9.843	12.262
H1.066BU	32.298	32.518	32.576	32.690	4.769	6.169	6.277	6.263
H1.066SU	32.298	32.518	32.576	32.690	0.022	1.929	3.835	9.410
H1.066SD	32.232	32.391	32.461	32.663	0.022	1.929	3.835	9.410
H1.066BD	32.232	32.391	32.461	32.663	4.769	6.169	6.277	6.263
H1.066JD	32.232	32.391	32.461	32.663	4.791	8.092	9.843	12.262
H1.065	32.089	32.298	32.385	32.641	4.791	8.092	9.833	12.217
H1.064BU	31.921	32.164	32.322	32.632	4.79	8.085	9.798	12.136
H1.064WU	31.889	32.072	32.150	32.252	4.79	8.085	9.798	12.136
H1.064WD	31.838	31.958	31.998	32.046	4.79	8.085	9.798	12.136
H1.063	31.675	31.731	31.755	31.784	4.79	8.084	9.798	12.137
H1.062	31.256	31.406	31.437	31.470	4.789	8.083	9.797	12.136
H1.061	30.832	30.970	31.009	31.047	4.788	8.083	9.796	12.135
H1.060	30.6	30.671	30.698	30.729	4.789	8.084	9.797	12.135
H1.059	30.333	30.425	30.456	30.495	4.787	8.082	9.795	12.135
H1.058	30.133	30.224	30.256	30.297	4.789	8.084	9.797	12.136
H1.057TU	30.052	30.135	30.163	30.196	4.799	8.089	9.801	12.144

ADDLESTONE BOURNE - Maximum Flood Stage

(for cross section locations refer to appendix B3)

Results for **20yr** obtained from *Addlestone 20yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr** obtained from *Addlestone 100yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr+20% (CC)** obtained from *ADDLESTONE 100YR+20% FLOW.ZZN* as provided by the Environment Agency
Results for **1000yr** obtained from *Addlestone 1000yr_001.ZZN* generated from *Addlestone 1000yr_001.DAT* by Capita Symonds

Note - At iSIS 'spill units' maximum stage is shown as an asterisk (*) as iSIS is not able to output stage data for these unit types.

Note - Some iSIS 'spill units' linking the Addlestone and Hale Bourne watercourses were not included in the 20yr model as received from the Environment Agency. These are shown with a plus (+) sign. As a result, maximum stage levels at the lower end of the Hale Bourne are slightly higher for the 20yr model results. These results are highlighted in red.

ISIS Node Label	Maximum Flood Stage				Maximum Flow			
	20yr	100yr	100yr+20%(CC)	1000yr	20yr	100yr	100yr+20%(CC)	1000yr
H1.057TD	30.052	30.135	30.163	30.196	5.454	8.775	10.506	13.012
H1.057JU	30.051	30.134	30.162	30.195	5.454	8.775	10.506	13.012
H1.057BU	30.051	30.134	30.162	30.195	4.973	5.000	4.999	4.996
H1.057SU	30.051	30.134	30.162	30.195	0.563	4.535	6.432	9.039
H1.057SD	29.875	29.998	30.035	30.073	0.563	4.535	6.432	9.039
H1.057BD	29.875	29.998	30.035	30.073	4.973	5.000	4.999	4.996
H1.057JD	29.875	29.998	30.035	30.073	5.454	8.775	10.506	13.012
H1.056JU	29.696	29.847	29.892	29.935	5.454	8.775	10.505	13.011
H1.056BU	29.696	29.847	29.892	29.935	4.146	4.169	4.278	4.809
H1.056SU	29.696	29.847	29.892	29.935	1.474	4.703	6.227	8.202
H1.056SD	29.675	29.821	29.861	29.894	1.474	4.703	6.227	8.202
H1.056BD	29.675	29.821	29.861	29.894	4.146	4.169	4.278	4.809
H1.056JD	29.675	29.821	29.861	29.894	5.454	8.775	10.505	13.011
H1.054	29.376	29.516	29.554	29.592	5.454	8.773	10.506	13.011
H1.053	29.059	29.134	29.165	29.202	5.454	8.774	10.505	13.012
H1.052	28.787	28.857	28.884	28.919	5.454	8.773	10.504	13.013
H1.051	28.573	28.671	28.705	28.753	5.453	8.772	10.502	13.011
H1.050	28.456	28.563	28.601	28.652	5.452	8.772	10.500	13.010
H1.049	28.181	28.321	28.364	28.422	5.451	8.771	10.500	13.009
H1.048JU	28.053	28.134	28.174	28.231	5.451	8.771	10.500	13.009
H1.048BU	28.053	28.134	28.174	28.231	2.225	2.222	2.226	2.224
H1.048SU	28.053	28.134	28.174	28.231	3.933	6.879	8.477	10.859
H1.048SD	28.046	28.122	28.159	28.214	3.933	6.879	8.477	10.859
H1.048BD	28.046	28.122	28.159	28.214	2.225	2.222	2.226	2.224
H1.048JD	28.046	28.122	28.159	28.214	5.451	8.771	10.500	13.009
H1.047JU	28.041	28.115	28.151	28.205	5.451	8.772	10.500	13.009
H1.047BU	28.041	28.115	28.151	28.205	3.281	3.618	3.755	3.748
H1.047SU	28.041	28.115	28.151	28.205	1.326	4.138	5.860	8.785
H1.047SD	27.304	27.659	27.845	27.982	1.326	4.138	5.860	8.785
H1.047WU	27.933	27.991	28.026	28.111	3.281	3.618	3.755	3.748
H1.047WD	27.304	27.659	27.845	27.982	3.281	3.618	3.755	3.748
H1.047aSU	28.041	28.115	28.151	28.205	0.845	1.016	1.037	1.037
H1.047aSD	27.774	27.971	28.104	28.175	0.845	1.016	1.037	1.037
H1.047a	27.774	27.970	28.104	28.175	0.845	1.016	1.037	1.037
H1.047aCU	27.774	27.970	28.103	28.175	0.845	1.016	1.038	1.037
H1.047aCD	27.304	27.659	27.845	27.982	0.845	1.016	1.038	1.037
H1.047JD	27.304	27.659	27.845	27.982	5.451	8.772	10.500	13.009
H1.045	27.286	27.636	27.828	27.965	5.451	8.772	10.499	13.008
H1.042BU	27.117	27.404	27.560	27.702	5.452	8.774	10.362	10.567
H1.042SU	27.117	27.404	27.560	27.702	0	0.000	0.144	3.105
H1.042SD	27.087	27.307	27.421	27.566	0	0.000	0.144	3.105
H1.042BD	27.087	27.307	27.421	27.566	5.452	8.774	10.362	10.567
H1.041TD	27.087	27.307	27.421	27.566	5.846	9.220	10.944	13.668
H1.040JU	27.059	27.258	27.357	27.498	5.846	9.220	10.944	13.668
H1.040BU	27.059	27.258	27.357	27.498	5.397	5.747	5.803	5.803
H1.040SU	27.059	27.258	27.357	27.498	0.492	4.346	6.594	9.809
H1.040SD	27.041	27.239	27.341	27.485	0.492	4.346	6.594	9.809
H1.040BD	27.041	27.239	27.341	27.485	5.397	5.747	5.803	5.803
H1.040JD	27.041	27.239	27.341	27.485	5.846	9.220	10.944	13.668
H1.038	26.904	27.006	27.088	27.175	5.846	9.220	10.944	13.668
H1.037	26.631	26.597	26.636	26.685	5.846	9.220	10.946	13.668
H1.036	26.511	26.245	26.291	26.348	5.846	9.220	10.945	13.668
H1.035	25.994	25.683	25.700	25.727	5.846	3.348	3.458	3.658
H1.034	25.715	25.444	25.460	25.482	5.846	3.348	3.458	3.658
H1.033	25.472	25.226	25.240	25.271	5.846	3.348	3.458	3.659
H1.032	24.814	24.593	24.605	24.625	6.134	3.348	3.458	3.659
H1.031	24.431	24.211	24.226	24.256	5.797	3.346	3.454	3.650
H1.030JD	24.43	24.204	24.221	24.252	5.715	3.333	3.435	3.616
H1.029JU	24.429	24.200	24.218	24.250	5.704	3.327	3.430	3.608
H1.029BU	24.429	24.200	24.218	24.250	4.481	3.327	3.430	3.608
H1.029SU	24.429	24.200	24.218	24.250	1.223	0.000	0.000	0.000
H1.029SD	24.099	24.068	24.071	24.075	1.223	0.000	0.000	0.000
H1.029BD	24.099	24.068	24.071	24.075	4.481	3.327	3.430	3.608
H1.029JD	24.099	24.068	24.071	24.075	5.704	3.327	3.430	3.608
H1.028	23.986	23.937	23.939	23.945	5.701	3.327	3.430	3.607
H1.027	23.938	23.854	23.860	23.869	5.681	3.327	3.430	3.605
H1.026b	23.927	23.821	23.829	23.843	5.658	3.324	3.427	3.602
H1.026a	23.924	23.812	23.822	23.837	5.647	3.324	3.426	3.601
H1.026	23.922	23.804	23.815	23.832	5.636	3.322	3.424	3.600
H1.025JU	23.913	23.783	23.795	23.817	5.616	3.320	3.421	3.597
H1.025BU	23.913	23.783	23.795	23.817	4.001	3.146	3.180	3.197
H1.025SU	23.913	23.783	23.795	23.817	1.623	0.174	0.241	0.404
H1.025SD	23.815	23.725	23.735	23.757	1.623	0.174	0.241	0.404
H1.025BD	23.815	23.725	23.735	23.757	4.001	3.146	3.180	3.197

ADDLESTONE BOURNE - Maximum Flood Stage

(for cross section locations refer to appendix B3)

Results for **20yr** obtained from *Addlestone 20yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr** obtained from *Addlestone 100yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr+20% (CC)** obtained from *ADDLESTONE 100YR+20% FLOW.ZZN* as provided by the Environment Agency
Results for **1000yr** obtained from *Addlestone 1000yr_001.ZZN* generated from *Addlestone 1000yr_001.DAT* by Capita Symonds

Note - At iSIS 'spill units' maximum stage is shown as an asterisk (*) as iSIS is not able to output stage data for these unit types.

Note - Some iSIS 'spill units' linking the Addlestone and Hale Bourne watercourses were not included in the 20yr model as received from the Environment Agency. These are shown with a plus (+) sign. As a result, maximum stage levels at the lower end of the Hale Bourne are slightly higher for the 20yr model results. These results are highlighted in red.

ISIS Node Label	Maximum Flood Stage				Maximum Flow			
	20yr	100yr	100yr+20%(CC)	1000yr	20yr	100yr	100yr+20%(CC)	1000yr
H1.025JD	23.815	23.725	23.735	23.757	5.616	3.320	3.421	3.597
H1.023	23.59	23.549	23.550	23.550	5.614	3.319	3.420	3.595
H1.022	23.354	23.301	23.306	23.323	5.61	3.320	3.419	3.596
H1.021	23.238	23.122	23.158	23.226	5.578	3.321	3.429	3.617
H1.020	23.21	23.075	23.128	23.212	5.512	3.330	3.455	3.667
H1.019	23.204	23.066	23.123	23.210	5.433	3.358	3.507	3.749
H1.018a	23.202	23.063	23.121	23.209	5.402	3.377	3.539	3.797
H1.018TU	23.202	23.063	23.121	23.209	5.379	3.399	3.573	3.847
H1.018TD	23.202	23.063	23.121	23.209	6.612	5.291	5.815	6.653
H1.017JU	23.201	23.062	23.121	23.208	6.579	5.281	5.801	6.634
H1.016	23.199	23.059	23.118	23.206	6.559	5.273	5.791	6.620
H1.015	23.195	23.052	23.112	23.202	6.542	5.267	5.784	6.611
H1.014	23.141	22.991	23.055	23.148	6.54	5.266	5.782	6.609
H1.013	23.082	22.903	22.977	23.091	6.54	5.266	5.782	6.609
H1.013a	23.09	22.919	22.991	23.099	6.54	5.266	5.782	6.609
H1.012WU	23.088	22.909	22.986	23.096	6.54	5.266	5.782	6.609
FP2	*	*	*	*	0	0.000	0.000	0.000
H1.012LWU	23.088	22.909	22.986	23.096	1.386	0.870	1.082	1.413
H1.012RWU	23.088	22.909	22.986	23.096	3.311	2.593	2.895	3.347
H1.012LWD	21.943	21.887	21.909	21.946	1.386	0.870	1.082	1.413
H1.012RWD	21.943	21.887	21.909	21.946	3.311	2.593	2.895	3.347
H1.012CU	23.088	22.909	22.986	23.096	1.843	1.803	1.809	1.848
H1.012Cin	22.828	22.662	22.741	22.835	1.843	1.803	1.809	1.848
H1.012g	22.68	22.543	22.615	22.686	1.843	1.803	1.809	1.848
H1.012f	22.531	22.424	22.482	22.537	1.843	1.803	1.809	1.848
H1.012e	22.383	22.353	22.353	22.387	1.843	1.803	1.809	1.848
H1.012d	22.348	22.349	22.349	22.349	1.843	1.803	1.809	1.848
H1.012c	22.347	22.347	22.347	22.347	1.843	1.803	1.809	1.848
H1.012b	22.346	22.347	22.347	22.347	1.843	1.803	1.809	1.848
H1.012a	22.345	22.346	22.346	22.346	1.843	1.803	1.809	1.848
H1.012Cout	22.344	22.345	22.345	22.345	1.843	1.803	1.809	1.848
H1.012CD	21.943	21.887	21.909	21.946	1.843	1.803	1.809	1.848
H1.012WD	21.943	21.887	21.909	21.946	6.54	5.266	5.782	6.609
H1.011	21.932	21.877	21.899	21.934	6.54	5.266	5.782	6.609
H1.010BU	21.933	21.878	21.900	21.936	6.54	5.266	5.782	6.609
H1.010BD	21.867	21.834	21.848	21.868	6.54	5.266	5.782	6.609
H1.009a	21.855	21.825	21.838	21.856	6.54	5.266	5.782	6.609
H1.009	21.809	21.769	21.783	21.807	6.54	5.267	5.782	6.609
H1.008	21.58	21.504	21.563	21.595	6.539	5.265	5.780	6.607
H1.007	21.421	21.393	21.428	21.471	6.537	5.263	5.779	6.605
H1.006b	21.4	21.375	21.413	21.457	6.537	5.263	5.778	6.604
H1.006a	21.387	21.366	21.404	21.449	6.536	5.262	5.778	6.603
H1.006	21.374	21.356	21.395	21.440	6.534	5.261	5.776	6.601
H1.005	21.323	21.322	21.369	21.419	6.529	5.258	5.777	6.598
H1.004	21.254	21.281	21.340	21.395	6.524	5.260	5.783	6.600
H1.003JU	21.189	21.247	21.313	21.374	6.524	5.268	5.797	6.608
H1.003BU	21.189	21.247	21.313	21.374	5.32	4.203	4.302	4.397
H1.003SU	21.189	21.247	21.313	21.374	1.226	1.469	2.100	2.865
H1.003SD	21.179	21.242	21.308	21.369	1.226	1.469	2.100	2.865
H1.003BD	21.179	21.242	21.308	21.369	5.32	4.203	4.302	4.397
H1.003JD	21.179	21.242	21.308	21.369	6.524	5.268	5.797	6.608
H1.002	21.135	21.220	21.290	21.353	6.532	5.301	5.836	6.631
L1.018WU	47.189	47.350	47.435	47.558	1.506	2.499	3.088	4.019
L1.018WD	45.242	45.551	45.776	46.144	1.506	2.499	3.088	4.019
L1.017	45.239	45.549	45.775	46.143	1.506	2.499	3.087	4.015
L1.016a	45.228	45.543	45.771	46.142	1.505	2.497	3.084	4.000
L1.016	45.212	45.538	45.769	46.141	1.506	2.497	3.080	3.979
L1.015BU	45.145	45.453	45.683	46.131	1.506	2.497	3.079	3.970
L1.015BD	45.09	45.255	45.349	45.568	1.506	2.497	3.079	3.970
L1.013WU	45.033	45.144	45.204	45.518	1.506	2.497	3.079	3.969
L1.013WD	44.993	45.060	45.093	45.463	1.506	2.497	3.079	3.969
L1.012CU	44.993	45.058	45.091	45.463	1.364	1.361	1.366	1.363
L1.012Cin	44.792	44.891	45.001	45.463	1.364	1.361	1.366	1.363
L1.012Cout	44.224	44.427	44.778	45.462	1.364	1.361	1.366	1.362
L1.012SU	44.993	45.058	45.091	45.463	0.151	1.240	2.036	3.717
L1.012CD	43.88	44.155	44.643	45.462	1.364	1.361	1.366	1.362
L1.012SD	43.88	44.155	44.643	45.462	0.151	1.240	2.036	3.717
L1.010a	43.476	44.068	44.640	45.462	1.506	2.480	2.959	3.668
L1.010	43.087	44.062	44.640	45.462	1.506	2.400	2.782	3.349
L1.009a	42.809	44.062	44.640	45.462	1.505	2.276	2.588	3.031
L1.009CU	42.688	44.061	44.640	45.462	1.504	2.184	2.432	2.766
L1.009Cin	42.554	43.723	44.222	44.924	1.504	2.184	2.432	2.766
L1.009Cout	42.488	43.584	44.051	44.704	1.504	2.184	2.432	2.766
L1.008	42.364	43.246	43.636	44.170	1.504	2.184	2.432	2.766

ADDLESTONE BOURNE - Maximum Flood Stage

(for cross section locations refer to appendix B3)

Results for **20yr** obtained from *Addlestone 20yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr** obtained from *Addlestone 100yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr+20% (CC)** obtained from *ADDLESTONE 100YR+20% FLOW.ZZN* as provided by the Environment Agency
Results for **1000yr** obtained from *Addlestone 1000yr_001.ZZN* generated from *Addlestone 1000yr_001.DAT* by Capita Symonds

Note - At iSIS 'spill units' maximum stage is shown as an asterisk (*) as iSIS is not able to output stage data for these unit types.

Note - Some iSIS 'spill units' linking the Addlestone and Hale Bourne watercourses were not included in the 20yr model as received from the Environment Agency. These are shown with a plus (+) sign. As a result, maximum stage levels at the lower end of the Hale Bourne are slightly higher for the 20yr model results. These results are highlighted in red.

ISIS Node Label	Maximum Flood Stage				Maximum Flow			
	20yr	100yr	100yr+20%(CC)	1000yr	20yr	100yr	100yr+20%(CC)	1000yr
L1.007CU	42.297	43.243	43.635	44.170	1.504	2.177	2.412	2.731
L1.007Cin	42.14	42.847	43.149	43.547	1.504	2.177	2.412	2.731
L1.007Cout	41.832	42.172	42.321	42.485	1.504	2.177	2.412	2.731
L1.006	41.71	41.839	41.881	41.929	1.504	2.177	2.412	2.731
L1.006JU	41.699	41.824	41.864	41.911	1.504	2.177	2.412	2.731
L1.006WU	41.699	41.824	41.864	41.911	1.353	1.912	2.101	2.363
L1.006WD	41.623	41.712	41.741	41.770	1.353	1.912	2.101	2.363
L1.006SU	41.699	41.824	41.864	41.911	0.151	0.265	0.311	0.368
L1.006SD	41.623	41.712	41.741	41.770	0.151	0.265	0.311	0.368
L1.006JD	41.623	41.712	41.741	41.770	1.504	2.177	2.412	2.731
L1.005a	41.406	41.498	41.520	41.546	1.504	2.177	2.412	2.731
L1.005	41.246	41.324	41.341	41.366	1.504	2.177	2.412	2.731
L1.004	40.975	41.025	41.039	41.056	1.504	2.177	2.412	2.731
L1.003	40.348	40.457	40.492	40.536	1.504	2.177	2.411	2.731
L1.002a	40.102	40.279	40.353	40.446	1.504	2.177	2.411	2.730
L1.002	39.895	40.070	40.189	40.331	1.504	2.177	2.409	2.728
L1.001a	39.561	39.846	40.011	40.193	1.503	2.161	2.392	2.711
FP1	*	*	*	*	0	0.000	0.000	0.000
SP1U	+	*	*	*	+	0.000	0.000	0.000
SP1D	+	*	*	*	+	0.000	0.000	0.000
SP2U	+	*	*	*	+	0.000	0.000	0.000
SP2D	+	*	*	*	+	0.000	0.000	0.000
SP3U	+	*	*	*	+	0.002	0.003	0.000
SP3D	+	*	*	*	+	0.002	0.003	0.000
SP4U	+	*	*	*	+	5.872	7.487	10.010
SP4D	+	*	*	*	+	5.872	7.487	10.010
Add1	12.146	12.696	12.909	13.178	0.003	0.004	0.005	0.007
Add2	12.908	13.368	13.506	13.649	0.084	0.140	0.173	0.226
Add3	13.735	14.022	14.110	14.210	0.271	0.451	0.557	0.726
Add4	14.391	14.633	14.710	14.795	0.224	0.372	0.460	0.599
Add5	15.124	15.416	15.529	15.665	0.25	0.416	0.514	0.670
Add6	15.983	16.271	16.400	16.643	0.245	0.407	0.503	0.656
Add7	16.695	16.912	16.994	17.109	0.221	0.368	0.455	0.592
Add8	17.498	17.983	18.214	18.573	0.132	0.219	0.271	0.353
Add9	17.985	18.262	18.413	18.690	0.263	0.438	0.541	0.705
Add10	18.815	19.031	19.101	19.191	0.263	0.438	0.541	0.705
Add11	19.421	19.576	19.633	19.711	0.263	0.438	0.541	0.705
Add12	20.424	20.783	20.907	20.915	0.263	0.438	0.541	0.705
Add13	20.773	21.067	21.176	21.239	0.263	0.438	0.541	0.705
A2.055JU	25.581	26.005	26.047	26.088	3.522	5.753	7.012	8.717
A2.055JD	25.272	25.630	25.689	25.753	3.522	5.753	7.012	8.717
AddLowA	*	*	*	*	2.744	4.566	5.645	7.356
A2.042JU	23.383	23.650	23.693	23.752	3.512	11.072	13.831	17.958
A2.042JD	23.339	23.619	23.662	23.722	3.512	11.072	13.831	17.958
A2.048JU	24.224	24.740	24.803	24.877	3.519	11.082	13.839	17.971
A2.048JD	24.216	24.730	24.790	24.862	3.519	11.082	13.839	17.971
A2.098JU	32.233	32.578	32.712	32.900	3.213	5.263	6.307	7.857
A2.098JD	32.196	32.529	32.657	32.839	3.213	5.263	6.307	7.857
A2.087WD	30.146	30.270	30.323	30.390	0.818	1.157	1.308	1.490
L1.012JU	44.993	45.058	45.091	45.463	1.506	2.497	3.077	3.962
L1.011JD	43.88	44.155	44.643	45.462	1.506	2.497	3.077	3.962
A1.014CU	13.125	13.567	13.692	13.824	3.656	3.669	3.657	3.635
H1.042JU	27.117	27.404	27.560	27.702	5.452	8.774	10.502	13.009

ADDLESTONE BOURNE - Maximum Flood Stage

(for cross section locations refer to appendix B3)

Results for **20yr** obtained from *Addlestone 20yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr** obtained from *Addlestone 100yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr+20% (CC)** obtained from *ADDLESTONE 100YR+20% FLOW.ZZN* as provided by the Environment Agency
Results for **1000yr** obtained from *Addlestone 1000yr_001.ZZN* generated from *Addlestone 1000yr_001.DAT* by Capita Symonds

Note - At iSIS 'spill units' maximum stage is shown as an asterisk (*) as iSIS is not able to output stage data for these unit types.

Note - Some iSIS 'spill units' linking the Addlestone and Hale Bourne watercourses were not included in the 20yr model as received from the Environment Agency. These are shown with a plus (+) sign. As a result, maximum stage levels at the lower end of the Hale Bourne are slightly higher for the 20yr model results. These results are highlighted in red.

ISIS Node Label	Maximum Flood Stage				Maximum Flow			
	20yr	100yr	100yr+20%(CC)	1000yr	20yr	100yr	100yr+20%(CC)	1000yr
HaleTop	59.892	60.134	60.262	60.449	2.967	4.912	6.065	7.893
H1.159U	59.888	60.131	60.259	60.448	2.967	4.912	6.066	7.893
H1.159D	57.94	58.110	58.191	58.295	2.967	4.912	6.066	7.893
H1.157	57.84	58.005	58.084	58.188	2.967	4.913	6.066	7.894
H1.056a	57.596	57.754	57.831	57.946	2.967	4.913	6.066	7.894
H1.156	57.321	57.491	57.562	57.685	2.967	4.913	6.067	7.894
H1.155a	57.143	57.328	57.417	57.593	2.967	4.914	6.067	7.894
H1.155	57.041	57.213	57.332	57.554	2.967	4.914	6.066	7.891
H1.154	56.893	57.073	57.218	57.485	2.967	4.911	6.057	7.854
H1.153	56.685	56.967	57.157	57.460	2.966	4.907	6.050	7.837
H1.152JU	56.533	56.806	57.027	57.399	2.966	4.904	6.050	7.835
H1.152BU	56.533	56.806	57.027	57.399	2.966	4.904	6.050	7.835
H1.152SU	56.533	56.806	57.027	57.399	0	0.000	0.000	0.000
H1.152BD	56.472	56.645	56.728	56.826	2.966	4.904	6.050	7.835
H1.152SD	56.472	56.645	56.728	56.826	0	0.000	0.000	0.000
H1.152JD	56.472	56.645	56.728	56.826	2.966	4.904	6.050	7.835
H1.150	56.228	56.475	56.593	56.719	2.964	4.904	6.048	7.833
H1.149a	56.201	56.447	56.566	56.691	2.963	4.904	6.047	7.833
H1.149JU	56.191	56.434	56.553	56.679	2.961	4.903	6.045	7.833
H1.149WU	56.191	56.434	56.553	56.679	2.961	4.903	5.823	6.153
H1.149SU	56.191	56.434	56.553	56.679	0	0.000	0.225	1.705
H1.149BU	56.182	56.415	56.530	56.657	2.961	4.903	5.823	6.153
H1.149BD	56.161	56.348	56.430	56.540	2.961	4.903	5.823	6.153
H1.149SD	56.161	56.348	56.430	56.540	0	0.000	0.225	1.705
H1.149JD	56.161	56.348	56.430	56.540	2.961	4.903	6.045	7.833
H1.148	56.157	56.342	56.422	56.529	2.961	4.902	6.045	7.832
H1.147	56.148	56.335	56.417	56.522	2.96	4.901	6.045	7.831
H1.146JU	56.143	56.327	56.408	56.512	2.959	4.899	6.046	7.830
H1.146aCU	56.143	56.327	56.408	56.512	2.617	2.778	2.802	2.805
H1.146SU	56.143	56.327	56.408	56.512	0.359	2.251	3.406	5.113
H1.146aCin	56.039	56.218	56.300	56.396	2.617	2.778	2.802	2.805
H1.146aCout	55.906	56.081	56.163	56.251	2.617	2.778	2.802	2.805
H1.146bCU	55.803	55.973	56.055	56.136	2.617	2.778	2.802	2.805
H1.146bCin	55.661	55.825	55.903	55.971	2.617	2.778	2.802	2.805
H1.146bCout	55.571	55.718	55.794	55.856	2.616	2.777	2.800	2.807
H1.145bCD	55.428	55.571	55.648	55.697	2.616	2.777	2.800	2.807
H1.146SD	55.428	55.571	55.648	55.697	0.359	2.251	3.406	5.113
H1.145JD	55.428	55.571	55.648	55.697	2.959	4.899	6.046	7.830
H1.144JU	55.224	55.649	55.745	55.836	2.959	4.899	6.045	7.830
H1.144BU	55.224	55.649	55.745	55.836	2.959	4.341	4.523	4.643
H1.144SU	55.224	55.649	55.745	55.836	0	0.558	1.522	3.187
H1.144BD	55.091	55.296	55.348	55.404	2.959	4.341	4.523	4.643
H1.144SD	55.091	55.296	55.348	55.404	0	0.558	1.522	3.187
H1.144JD	55.091	55.296	55.348	55.404	2.959	4.899	6.045	7.830
H1.141	54.425	54.565	54.595	54.630	2.959	4.898	6.046	7.829
H1.140	54.063	54.172	54.239	54.381	2.959	4.898	6.045	7.825
H1.139JU	53.793	53.984	54.086	54.312	2.959	4.898	6.043	7.821
H1.139BU	53.793	53.984	54.086	54.312	2.72	2.721	2.724	2.713
H1.139SU	53.793	53.984	54.086	54.312	0.295	3.391	4.845	7.135
H1.139BD	53.771	53.976	54.080	54.309	2.72	2.721	2.724	2.713
H1.139SD	53.771	53.976	54.080	54.309	0.295	3.391	4.845	7.135
H1.139JD	53.771	53.976	54.080	54.309	2.959	4.898	6.043	7.821
H1.136JU	53.088	53.430	53.664	54.171	2.959	4.898	6.039	7.817
H1.136BU	53.088	53.430	53.664	54.171	2.959	4.898	6.039	7.104
H1.136SU	53.088	53.430	53.664	54.171	0	0.000	0.000	1.112
H1.136BD	53.018	53.234	53.373	53.750	2.959	4.898	6.039	7.104
H1.136SD	53.018	53.234	53.373	53.750	0	0.000	0.000	1.112
H1.136JD	53.018	53.234	53.373	53.750	2.959	4.898	6.039	7.817
H1.133BU	52.522	52.837	53.072	53.628	2.958	4.898	6.039	7.817
H1.133BD	52.49	52.765	52.957	53.398	2.958	4.898	6.039	7.817
H1.131BU	52.277	52.599	52.827	53.317	2.958	4.898	6.039	7.817
H1.131BD	52.161	52.398	52.527	52.695	2.958	4.898	6.039	7.817
H1.129	51.784	52.045	52.188	52.374	2.958	4.897	6.039	7.816
H1.128	51.172	51.495	51.651	51.820	2.958	4.897	6.039	7.816
H1.127	50.469	50.745	50.889	51.068	2.959	4.897	6.039	7.816
H1.126	49.766	49.993	50.101	50.231	2.959	4.897	6.038	7.816
H1.125	48.921	49.153	49.261	49.374	2.959	4.897	6.038	7.816
H1.124	48.147	48.357	48.460	48.586	2.959	4.897	6.038	7.816
H1.122a	47.341	47.610	47.657	47.727	2.959	4.900	6.039	7.816
H1.122	47.031	47.387	47.371	47.419	2.959	4.916	6.039	7.815
H1.121	46.466	46.761	46.811	46.858	2.959	4.957	6.039	7.814
A1.002JU	12.207	12.746	12.949	13.208	5.823	9.903	11.638	14.964
A1.002SU	12.207	12.746	12.949	13.208	0.533	1.825	2.875	5.622
A1.002SD	12.147	12.697	12.910	13.179	0.533	1.825	2.875	5.622

ADDLESTONE BOURNE - Maximum Flood Stage

(for cross section locations refer to appendix B3)

Results for **20yr** obtained from *Addlestone 20yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr** obtained from *Addlestone 100yr Flow.ZZN* as provided by the Environment Agency
Results for **100yr+20% (CC)** obtained from *ADDLESTONE 100YR+20% FLOW.ZZN* as provided by the Environment Agency
Results for **1000yr** obtained from *Addlestone 1000yr_001.ZZN* generated from *Addlestone 1000yr_001.DAT* by Capita Symonds

Note - At iSIS 'spill units' maximum stage is shown as an asterisk (*) as iSIS is not able to output stage data for these unit types.

Note - Some iSIS 'spill units' linking the Addlestone and Hale Bourne watercourses were not included in the 20yr model as received from the Environment Agency. These are shown with a plus (+) sign. As a result, maximum stage levels at the lower end of the Hale Bourne are slightly higher for the 20yr model results. These results are highlighted in red.

ISIS Node Label	Maximum Flood Stage				Maximum Flow			
	20yr	100yr	100yr+20%(CC)	1000yr	20yr	100yr	100yr+20%(CC)	1000yr
A1.002JD	12.147	12.697	12.910	13.179	5.823	9.903	11.638	14.964