

(C) NSW CROWN
MANLY HYDRAULICS LABORATORY

Date Generated: 21-Sep-22

SYDNEY DATA

Selection Restrictions : DATA_STATUS <= 6

Date/Time	Hsig (m)	Hmax (m)	Tz (s)	TP1 (s)	WDIR_BUOY (deg TN)
15/07/1989 0:00	2.572	4.078	7.3	11.1	
15/07/1989 1:00	2.39	3.788	6.9	11.1	
15/07/1989 2:00	2.372	3.778	6.8	8.8	
15/07/1989 3:00	2.32	4.588	6.8	11.1	
15/07/1989 4:00	2.371	3.798	6.4	11.1	
15/07/1989 5:00	2.214	3.728	6.2	11.1	
15/07/1989 6:00	2.258	3.648	6.2	10.2	
15/07/1989 7:00	2.108	3.428	6.2	9.5	
15/07/1989 8:00	2.223	4.653	6.3	10.2	
15/07/1989 9:00	2.062	3.888	6.3	11.1	
15/07/1989 10:00	2.096	3.368	6.3	11.1	
15/07/1989 11:00	2.164	3.588	6.5	10.2	
15/07/1989 12:00	2.066	3.438	6.4	8.8	
15/07/1989 13:00	1.993	3.308	6.2	10.2	
15/07/1989 14:00	2.06	3.628	6.3	10.2	
15/07/1989 15:00	2.194	3.698	6.6	10.2	
15/07/1989 16:00	2.267	3.538	6.9	9.5	
15/07/1989 17:00	2.399	4.358	7	9.5	
15/07/1989 18:00	2.021	3.188	6.7	10.2	
15/07/1989 19:00	2.241	3.868	7.1	11.1	
15/07/1989 20:00	2.36	3.738	7.6	10.2	
15/07/1989 21:00	2.412	4.068	7.9	11.1	
15/07/1989 22:00	2.257	4.068	7.3	10.2	
15/07/1989 23:00	2.308	3.948	7.3	9.5	
16/07/1989 0:00	2.24	3.898	7.5	9.5	
16/07/1989 1:00	2.09	3.148	7.6	11.1	
16/07/1989 2:00	2.129	3.368	7.3	12.2	
16/07/1989 3:00	2.036	3.818	7.3	12.2	
16/07/1989 4:00	2.198	3.238	8.3	11.1	
16/07/1989 5:00	2.05	3.388	7.6	11.1	
16/07/1989 6:00	2.108	4.258	7.6	9.5	
16/07/1989 7:00	2.044	3.599	7.6	12.2	
16/07/1989 8:00	1.915	3.278	7.9	12.2	
16/07/1989 9:00	1.837	2.838	7.4	10.2	
16/07/1989 10:00	1.73	2.958	7.5	12.2	
16/07/1989 11:00	1.767	3.018	7.4	10.2	
16/07/1989 12:00	1.678	2.638	6.7	11.1	
16/07/1989 13:00	1.742	2.688	7.5	12.2	
16/07/1989 14:00	1.529	2.558	7	11.1	
16/07/1989 15:00	1.563	2.758	7.5	11.1	

16/07/1989 16:00	1.63	2.608	7.5	11.1
16/07/1989 17:00	1.559	2.558	7.9	11.1
16/07/1989 18:00	1.633	2.838	6.8	11.1
16/07/1989 19:00	1.509	2.498	6.8	10.2
16/07/1989 20:00	1.509	2.148	6.4	12.2
16/07/1989 21:00	1.52	2.858	5.9	9.5
16/07/1989 22:00	1.466	2.368	6	11.1
16/07/1989 23:00	1.475	2.788	5.8	9.5
17/07/1989 0:00	1.477	2.558	5.9	11.1
17/07/1989 1:00	1.441	2.168	6.2	11.1
17/07/1989 2:00	1.424	2.398	6.5	12.2
17/07/1989 3:00	1.367	2.388	6.4	9.5
17/07/1989 4:00	1.306	2.008	6.7	10.2
17/07/1989 5:00	1.225	2.028	6.3	9.5
17/07/1989 6:00	1.297	2.308	6.4	11.1
17/07/1989 7:00	1.293	2.318	6.1	9.5
17/07/1989 8:00	1.228	2.158	5.8	11.1
17/07/1989 9:00	1.197	2.148	6	11.1
17/07/1989 10:00	1.106	1.818	6.3	9.5
17/07/1989 11:00	1.115	2.018	6.1	10.2
17/07/1989 12:00	1.166	2.188	6.1	9.5
17/07/1989 13:00	1.055	1.688	5.7	10.2
17/07/1989 14:00	1.095	1.818	6.5	10.2
17/07/1989 15:00	1.076	2.026	6.2	11.1
17/07/1989 16:00	1.034	1.548	6.9	9.5
17/07/1989 17:00	1.038	1.738	7.3	9.5
17/07/1989 18:00	1.053	1.768	6.3	10.2
17/07/1989 19:00	1.003	1.938	7.1	9.5
17/07/1989 20:00	0.904	1.488	5.7	10.2
17/07/1989 21:00	0.93	1.668	5.7	10.2
17/07/1989 22:00	0.862	1.488	5.2	9.5
17/07/1989 23:00	0.864	1.538	5	9.5
18/07/1989 1:00	0.796	1.468	4.6	9.5
18/07/1989 2:00	0.875	1.658	4.4	8.8
18/07/1989 3:00	0.803	1.448	4.8	9.5
18/07/1989 5:00	0.799	1.338	4.7	8.8
18/07/1989 6:00	0.777	1.378	5.2	8.2
18/07/1989 7:00	0.841	1.538	5.3	7.7
18/07/1989 8:00	0.865	1.408	5.4	8.8
18/07/1989 9:00	0.838	1.398	5.1	9.5
18/07/1989 10:00	0.906	1.658	5.1	8.2
18/07/1989 11:00	1.007	1.538	5.2	8.2
18/07/1989 12:00	1.022	1.808	5	8.8
18/07/1989 13:00	1.122	1.888	5.4	9.5
18/07/1989 14:00	1.074	1.728	5.3	8.8
18/07/1989 15:00	1.112	1.768	5.3	8.8
18/07/1989 16:00	1.334	2.428	5	5
18/07/1989 18:00	1.87	3.268	5.9	7.3
18/07/1989 19:00	1.86	2.938	5.7	6.9
18/07/1989 20:00	2.133	3.638	5.8	7.3

18/07/1989 21:00	2.544	4.648	6.2	8.2
18/07/1989 22:00	2.918	4.428	6.6	8.8
18/07/1989 23:00	2.825	5.368	6.4	8.2
19/07/1989 0:00	2.989	5.428	6.6	8.8
19/07/1989 1:00	2.688	4.598	6.4	8.2
19/07/1989 2:00	2.795	5.298	6.3	8.2
19/07/1989 3:00	2.961	4.548	6.6	8.2
19/07/1989 4:00	2.716	4.388	6.3	9.5
19/07/1989 5:00	2.765	5.308	6.2	8.8
19/07/1989 6:00	2.551	3.997	6.1	9.5
19/07/1989 7:00	2.609	4.848	6.2	9.5
19/07/1989 8:00	2.518	4.188	6.2	9.5
19/07/1989 9:00	2.717	4.468	6.6	9.5
19/07/1989 10:00	2.452	4.509	6.3	9.5
19/07/1989 11:00	2.654	4.508	6.4	8.2
19/07/1989 12:00	2.711	4.938	6.3	9.5
19/07/1989 13:00	2.737	4.228	6.6	8.8
19/07/1989 14:00	2.59	4.467	6.1	8.8
19/07/1989 15:00	2.865	4.798	6.4	8.8
19/07/1989 16:00	2.846	5.048	6	8.2
19/07/1989 17:00	3.122	5.038	6.5	8.8
19/07/1989 18:00	2.652	4.478	6.2	7.7
19/07/1989 19:00	2.732	5.688	6.1	8.8
19/07/1989 20:00	2.683	4.908	6.2	8.2
19/07/1989 21:00	2.554	4.218	6.2	8.2
19/07/1989 22:00	2.369	4.108	6	8.2
19/07/1989 23:00	2.245	4.208	6	7.7
20/07/1989 0:00	2.018	3.328	5.6	7.7
20/07/1989 1:00	2.005	3.488	5.8	8.2
20/07/1989 2:00	1.954	3.368	5.7	8.2
20/07/1989 3:00	1.926	3.508	5.6	7.7
20/07/1989 4:00	1.885	2.738	5.8	9.5
20/07/1989 5:00	1.809	3.328	5.5	8.2
20/07/1989 6:00	1.835	2.738	5.9	7.7
20/07/1989 7:00	1.764	2.498	5.8	9.5
20/07/1989 8:00	1.728	2.998	5.5	9.5
20/07/1989 9:00	1.702	2.908	5.4	7.7
20/07/1989 10:00	1.769	2.538	5.4	8.2
20/07/1989 11:00	1.607	3.008	5.4	8.8
20/07/1989 12:00	1.524	2.268	5.7	7.7
20/07/1989 13:00	1.568	2.408	5.9	9.5
20/07/1989 14:00	1.567	2.458	5.6	8.2
20/07/1989 15:00	1.509	2.548	5.7	7.7
20/07/1989 16:00	1.484	2.488	5.6	8.2
20/07/1989 17:00	1.446	2.688	5.3	7.7
20/07/1989 18:00	1.367	2.508	5.3	7.3
20/07/1989 19:00	1.357	2.238	5.2	7.3
20/07/1989 20:00	1.354	2.348	5.2	8.2
20/07/1989 21:00	1.217	2.058	5	7.7
20/07/1989 22:00	1.262	1.938	5.1	10.2

20/07/1989 23:00	1.315	2.448	4.8	7.3
21/07/1989 0:00	1.3	2.428	4.8	7.3
21/07/1989 1:00	1.273	2.198	4.9	10.2
21/07/1989 2:00	1.331	2.188	5.1	8.8
21/07/1989 3:00	1.349	2.398	4.9	9.5
21/07/1989 5:00	1.325	2.138	4.8	5.4
21/07/1989 6:00	1.301	2.448	4.9	6.5
21/07/1989 7:00	1.358	2.448	4.9	8.2
21/07/1989 8:00	1.35	2.208	4.9	5.9
21/07/1989 9:00	1.287	2.148	5.1	5.9
21/07/1989 10:00	1.236	2.428	4.9	6.2
21/07/1989 11:00	1.288	2.278	5.1	7.7
21/07/1989 12:00	1.241	2.058	5.3	6.5
21/07/1989 13:00	1.289	2.038	5.7	9.5
21/07/1989 14:00	1.134	1.778	5.5	6.2
21/07/1989 15:00	1.334	2.118	5.9	8.2
21/07/1989 16:00	1.388	2.468	5.6	8.2
21/07/1989 17:00	1.451	2.348	5.7	7.3
21/07/1989 18:00	1.43	2.188	5.6	6.9
21/07/1989 19:00	1.444	2.348	5.7	7.7
21/07/1989 20:00	1.254	2.098	5.4	7.3
21/07/1989 21:00	1.404	2.708	5.3	9.5
21/07/1989 22:00	1.372	2.588	5.2	8.2
21/07/1989 23:00	1.408	2.328	5.3	8.8
22/07/1989 0:00	1.439	2.348	5.4	8.8
22/07/1989 1:00	1.448	2.188	5.8	9.5
22/07/1989 2:00	1.444	2.448	5.3	8.2
22/07/1989 3:00	1.457	2.578	5.3	8.2
22/07/1989 4:00	1.417	2.708	5.4	8.8
22/07/1989 5:00	1.419	2.998	5.2	8.2
22/07/1989 6:00	1.439	2.458	5.4	8.2
22/07/1989 7:00	1.384	2.178	5.2	8.2
22/07/1989 8:00	1.258	2.188	5.2	8.2
22/07/1989 9:00	1.288	2.528	5.2	7.7
22/07/1989 11:00	1.279	1.858	5.5	8.8
22/07/1989 12:00	1.262	1.958	5.8	8.8
22/07/1989 13:00	1.17	2.078	5.9	8.8
22/07/1989 14:00	1.16	1.928	6	8.2
22/07/1989 15:00	1.069	1.818	5.8	8.8
22/07/1989 16:00	1.049	1.588	5.9	7.7
22/07/1989 17:00	1.057	1.848	6.2	8.8
22/07/1989 18:00	1.122	2.168	6.2	8.8
22/07/1989 19:00	1.16	2.278	6.3	8.8
22/07/1989 20:00	1.147	1.808	6.5	8.8
22/07/1989 21:00	1.106	1.798	6.1	8.2
22/07/1989 22:00	1.107	2.038	5.8	8.8
22/07/1989 23:00	1.053	1.758	5.9	7.3
23/07/1989 0:00	1.004	1.478	6.1	9.5
23/07/1989 1:00	0.951	1.538	6.1	8.2
23/07/1989 2:00	1.039	1.658	6.4	8.8

23/07/1989 3:00	1.085	1.578	6.5	8.8
23/07/1989 4:00	0.95	1.688	6.6	8.2
23/07/1989 5:00	1.104	2.068	6.5	8.8
23/07/1989 6:00	1.045	1.998	6.2	8.8
23/07/1989 7:00	1.016	1.818	6.3	12.2
23/07/1989 8:00	1.047	1.668	7	7.7
23/07/1989 9:00	1.028	1.778	7	12.2
23/07/1989 10:00	1.108	1.778	7.2	8.2
23/07/1989 11:00	0.962	1.638	6.7	8.2
23/07/1989 12:00	1.067	1.668	5.9	8.2
23/07/1989 13:00	0.98	1.788	5.3	8.2
23/07/1989 14:00	0.981	1.828	6	8.2
23/07/1989 15:00	1.009	1.808	6.3	8.8
23/07/1989 16:00	1.052	1.568	6.7	11.1
23/07/1989 17:00	0.956	1.668	6.1	10.2
23/07/1989 18:00	0.991	1.908	6.6	7.7
23/07/1989 19:00	0.913	1.568	6	10.2
23/07/1989 20:00	0.971	1.768	6.5	10.2
23/07/1989 21:00	0.901	1.598	6.1	10.2
23/07/1989 22:00	0.948	1.528	5.8	12.2
23/07/1989 23:00	0.997	1.638	5.6	11.1
24/07/1989 0:00	1.057	1.878	5.4	9.5
24/07/1989 1:00	1.025	1.778	5.2	9.5
24/07/1989 2:00	1.049	1.918	4.9	8.8
24/07/1989 3:00	1.08	1.828	5.3	10.2
24/07/1989 4:00	1.239	2.418	5.3	9.5
24/07/1989 5:00	1.287	2.258	4.7	5.2
24/07/1989 6:00	1.279	1.998	4.9	10.2
24/07/1989 7:00	1.277	2.048	4.7	10.2
24/07/1989 8:00	1.227	1.988	4.7	11.1
24/07/1989 9:00	1.251	1.848	5.1	10.2
24/07/1989 10:00	1.304	2.078	5	11.1
24/07/1989 11:00	1.224	2.108	5.1	6.2
24/07/1989 12:00	1.122	1.778	5.1	7.3
24/07/1989 13:00	1.067	1.738	6	8.2
24/07/1989 14:00	1.03	2.008	6.1	11.1
24/07/1989 15:00	1.053	1.618	6.6	9.5
24/07/1989 16:00	1.255	2.418	7.4	8.2
24/07/1989 17:00	1.387	2.338	7.4	11.1
24/07/1989 18:00	1.5	2.468	7.6	8.8
24/07/1989 19:00	1.576	2.668	7.6	9.5
24/07/1989 20:00	1.785	3.068	7.8	10.2
24/07/1989 21:00	1.828	3.188	7.3	9.5
24/07/1989 22:00	1.773	3.248	7.2	9.5
24/07/1989 23:00	1.784	3.198	6.9	9.5
25/07/1989 0:00	1.913	3.058	6.6	9.5
25/07/1989 1:00	2.146	3.878	6	8.8
25/07/1989 2:00	2.836	5.288	6.4	9.5
25/07/1989 3:00	3.495	6.288	6.8	11.1
25/07/1989 4:00	4.184	6.928	6.9	8.2

25/07/1989 5:00	4.438	7.498	7	8.2
25/07/1989 6:00	4.364	7.818	7	8.2
25/07/1989 7:00	4.143	7.088	7.1	8.8
25/07/1989 8:00	3.934	5.958	6.7	8.8
25/07/1989 9:00	3.934	6.338	7	7.7
25/07/1989 10:00	4.133	6.138	6.8	9.5
25/07/1989 11:00	3.977	5.288	7	10.3
25/07/1989 13:00	4.051	6.558	6.7	10.2
25/07/1989 14:00	4.386	6.558	7.3	8.2
25/07/1989 15:00	4.606	8.048	7.4	10.2
25/07/1989 16:00	4.892	7.658	7.4	12.2
25/07/1989 17:00	5.116	8.288	8	11.1
25/07/1989 18:00	4.816	8.267	7.8	11.1
25/07/1989 19:00	4.742	8.988	7.8	10.2
25/07/1989 20:00	4.99	7.558	8.4	11.1
25/07/1989 21:00	4.426	7.858	7.8	12.2
25/07/1989 22:00	4.933	8.638	8.3	12.2
25/07/1989 23:00	4.322	6.379	7.5	12.2
26/07/1989 0:00	4.197	7.068	7.7	11.1
26/07/1989 1:00	4.623	8.178	8	11.1
26/07/1989 2:00	4.115	6.978	7.6	12.2
26/07/1989 3:00	4.367	6.948	7.9	11.1
26/07/1989 4:00	4.422	6.828	8	10.2
26/07/1989 5:00	4.149	8.698	7.7	11.1
26/07/1989 6:00	4.272	7.168	8.1	12.2
26/07/1989 7:00	4.326	8.578	8.4	11.1
26/07/1989 8:00	3.645	6.459	7.1	12.2
26/07/1989 9:00	4.06	7.099	8	12.2
26/07/1989 10:00	3.757	6.398	8.5	12.2
26/07/1989 11:00	3.199	4.998	7.6	11.1
26/07/1989 12:00	3.557	5.438	8.2	13.6
26/07/1989 13:00	3.856	5.928	7.9	11.1
26/07/1989 16:00	3.772	5.308	8.4	12.2
26/07/1989 17:00	3.648	5.768	7.9	12.2
26/07/1989 18:00	3.697	6.438	7.5	11.1
26/07/1989 19:00	3.599	5.548	7.9	11.1
26/07/1989 20:00	3.616	5.798	8	12.2
26/07/1989 21:00	3.521	5.538	8.6	12.2
26/07/1989 22:00	3.849	6.068	8.5	12.2
26/07/1989 23:00	3.656	5.748	8.3	12.2
27/07/1989 0:00	2.89	4.958	7.5	12.2
27/07/1989 1:00	3.24	4.988	8.1	11.1
27/07/1989 2:00	2.972	4.818	8	12.2
27/07/1989 3:00	3.114	5.408	8.2	12.2
27/07/1989 4:00	2.955	5.878	8.1	12.2
27/07/1989 5:00	3.219	5.888	8.2	12.2
27/07/1989 6:00	3.283	5.548	7.8	13.5
27/07/1989 7:00	3.14	4.748	7.6	12.2
27/07/1989 8:00	3.038	5.108	7.8	12.2
27/07/1989 9:00	2.996	4.768	7.6	12.2

27/07/1989 10:00	3.177	4.868	7.5	12.2
27/07/1989 11:00	2.805	4.388	7.5	12.2
27/07/1989 12:00	2.802	4.408	7.5	12.2
27/07/1989 13:00	2.586	4.398	7.1	12.2
27/07/1989 14:00	2.754	4.198	7.2	13.5
27/07/1989 15:00	2.675	4.508	7.7	12.2
27/07/1989 16:00	3.005	4.478	8.3	12.2
27/07/1989 17:00	3.046	5.068	8.2	12.2
27/07/1989 18:00	2.776	4.138	7.6	11.1
27/07/1989 19:00	2.851	4.748	7.5	12.2
27/07/1989 20:00	3.004	5.248	8.1	12.2
27/07/1989 21:00	3.169	5.308	8.1	13.5
27/07/1989 22:00	3.05	5.448	8.1	12.2
27/07/1989 23:00	2.753	4.258	7.4	12.2
28/07/1989 0:00	2.732	4.598	7.7	12.2
28/07/1989 1:00	2.661	4.568	7.6	12.2
28/07/1989 2:00	2.882	4.508	8.4	13.5
28/07/1989 3:00	3.043	6.056	8.2	13.5
28/07/1989 4:00	3.04	4.498	8.6	12.2
28/07/1989 5:00	2.796	4.298	8.4	12.2
28/07/1989 6:00	2.823	4.088	8.7	12.2
28/07/1989 7:00	2.681	4.458	8.7	12.2
28/07/1989 8:00	2.2	2.958	8.2	10.2
28/07/1989 9:00	2.296	3.518	7.7	10.2
28/07/1989 10:00	2.457	4.708	8.2	12.2
28/07/1989 11:00	2.376	3.888	8.3	12.2
28/07/1989 12:00	2.185	3.168	7.9	12.2
28/07/1989 14:00	2.102	2.978	8.2	12.2
28/07/1989 15:00	2.236	4.278	8.2	12.2
28/07/1989 16:00	2.165	3.908	7.7	12.2
28/07/1989 17:00	2.046	3.288	7.4	12.2
28/07/1989 18:00	2.004	3.258	6.7	12.2
28/07/1989 19:00	2.077	3.448	7	12.2
28/07/1989 20:00	2.188	3.898	7.2	12.2
28/07/1989 21:00	2.325	3.937	7.1	12.2
28/07/1989 22:00	2.056	3.566	6.6	12.2
28/07/1989 23:00	2.058	3.888	6.6	12.2
29/07/1989 0:00	2.072	3.828	7.1	11.1
29/07/1989 1:00	2.087	3.558	6.7	12.2
29/07/1989 2:00	2.214	3.508	7.2	12.2
29/07/1989 3:00	1.993	3.408	7	11.1
29/07/1989 4:00	1.853	3.108	6.7	11.1
29/07/1989 5:00	1.769	3.528	6.8	11.1
29/07/1989 6:00	1.906	2.928	6.9	12.2
29/07/1989 7:00	1.945	2.868	6.7	11.1
29/07/1989 8:00	1.924	3.098	6.7	12.2
29/07/1989 9:00	2.168	3.238	6.9	12.2
29/07/1989 10:00	2.111	3.888	6.4	11.1
29/07/1989 11:00	2.195	3.268	6.6	11.1
29/07/1989 12:00	2.063	3.268	6.4	11.1

29/07/1989 13:00	1.827	3.928	6.5	11.1
29/07/1989 14:00	1.892	2.908	6.3	11.1
29/07/1989 15:00	1.785	2.838	6.1	12.2
29/07/1989 16:00	1.616	3.098	5.8	10.2
29/07/1989 17:00	1.722	3.038	6	12.2
29/07/1989 18:00	1.624	2.808	5.7	10.2
29/07/1989 19:00	1.668	2.738	6	11.1
29/07/1989 20:00	1.534	2.548	5.6	11.1
29/07/1989 21:00	1.517	2.738	5.7	11.1
29/07/1989 22:00	1.368	2.398	5.1	10.2
29/07/1989 23:00	1.399	2.308	5.4	11.1
30/07/1989 0:00	1.363	2.368	5.7	11.1
30/07/1989 1:00	1.364	2.158	6	11.1
30/07/1989 2:00	1.267	2.098	6.1	11.1
30/07/1989 3:00	1.193	2.188	5.8	11.1
30/07/1989 4:00	1.178	2.008	5.9	11.1
30/07/1989 5:00	1.108	1.878	6.1	11.1
30/07/1989 6:00	1.077	1.948	6	11.1
30/07/1989 7:00	1.138	2.228	6.1	10.2
30/07/1989 8:00	1.112	2.088	6.2	11.1
30/07/1989 9:00	1.046	1.898	5.4	11.1
30/07/1989 10:00	1.024	1.888	5.5	11.1
30/07/1989 11:00	0.95	1.678	5.5	9.5
30/07/1989 12:00	0.954	1.658	5.9	11.1
30/07/1989 13:00	1.004	1.678	6.7	10.2
30/07/1989 14:00	0.97	1.598	6.9	11.1
30/07/1989 15:00	0.804	1.618	5.9	11.1
30/07/1989 16:00	0.794	1.348	5.7	10.2
30/07/1989 17:00	0.832	1.498	5	10.2
30/07/1989 18:00	0.802	1.688	4.5	11.1
30/07/1989 19:00	0.83	1.648	5.2	10.2
30/07/1989 20:00	0.851	1.448	5.1	11.1
30/07/1989 21:00	0.771	1.608	5	10.2
30/07/1989 22:00	0.78	1.418	5.1	11.1
30/07/1989 23:00	0.773	1.488	5	12.2
31/07/1989 0:00	0.851	1.448	6.2	10.2
31/07/1989 1:00	0.953	1.778	6.4	10.2
31/07/1989 2:00	0.899	1.488	5.5	10.2
31/07/1989 3:00	0.843	1.708	5.4	11.1
31/07/1989 4:00	0.891	1.568	5.8	12.2
31/07/1989 5:00	0.904	1.518	6.4	11.1
31/07/1989 6:00	0.89	1.488	6	11.1
31/07/1989 7:00	0.996	1.731	6.4	11.1
31/07/1989 8:00	1.107	1.978	6.9	11.1
31/07/1989 9:00	0.924	1.508	5.6	10.2
31/07/1989 10:00	1.015	1.878	5.4	9.5
31/07/1989 11:00	0.902	1.498	5.3	10.2
31/07/1989 12:00	0.954	1.718	5.3	11.1
31/07/1989 13:00	0.924	1.828	5.1	8.8
31/07/1989 14:00	0.878	1.398	6.3	11.1

31/07/1989 15:00	0.845	1.588	5	11.1
31/07/1989 16:00	0.823	1.618	4.4	11.1
31/07/1989 17:00	0.873	1.848	4.3	12.2
31/07/1989 18:00	0.815	1.648	4.5	10.2
31/07/1989 19:00	0.752	1.328	4.2	10.2
31/07/1989 20:00	0.73	1.288	4.6	11.1
31/07/1989 21:00	0.754	1.238	4.8	11.1
31/07/1989 22:00	0.733	1.328	5.1	11.1
31/07/1989 23:00	0.71	1.188	4.8	11.1
1/08/1989 0:00	0.667	1.298	4.3	11.1
1/08/1989 1:00	0.67	1.478	4.4	10.2
1/08/1989 2:00	0.661	1.188	4	12.2
1/08/1989 3:00	0.65	1.058	3.6	11.1
1/08/1989 4:00	0.904	1.858	3.8	11.1
1/08/1989 5:00	1.21	2.428	4	4.6
1/08/1989 6:00	1.312	2.048	4.7	5.9
1/08/1989 7:00	1.44	2.488	4.8	6.5
1/08/1989 8:00	1.413	2.428	4.8	7.7
1/08/1989 9:00	1.825	3.428	5.4	7.7
1/08/1989 10:00	2.138	3.618	5.6	7.7
1/08/1989 11:00	2.011	3.268	5.6	7.7
1/08/1989 12:00	2.188	3.858	5.9	7.3
1/08/1989 13:00	2.592	4.718	6.6	8.8
1/08/1989 14:00	2.939	4.748	6.7	9.5
1/08/1989 15:00	3.077	5.648	6.7	9.5
1/08/1989 16:00	2.987	5.718	7	9.5
1/08/1989 17:00	3.003	5.078	7.1	9.5
1/08/1989 18:00	2.926	4.248	7	9.5
1/08/1989 19:00	3.089	5.108	7.2	9.5
1/08/1989 20:00	2.973	5.018	7.2	9.5
1/08/1989 21:00	2.73	4.538	6.8	9.5
1/08/1989 22:00	2.749	4.678	6.7	8.8
1/08/1989 23:00	2.485	4.708	6.3	8.8
2/08/1989 0:00	2.299	4.408	6.1	8.2
2/08/1989 1:00	2.245	3.898	5.9	8.2
2/08/1989 2:00	1.966	3.448	5.7	8.2
2/08/1989 3:00	1.934	3.218	5.7	8.2
2/08/1989 4:00	1.658	2.928	5.2	8.2
2/08/1989 5:00	1.824	3.328	5.5	7.7
2/08/1989 6:00	1.788	3.048	5.8	8.2
2/08/1989 7:00	1.683	2.858	5.5	6.9
2/08/1989 8:00	1.654	2.528	5.7	7.3
2/08/1989 9:00	1.607	2.638	5.3	7.3
2/08/1989 10:00	1.657	2.818	5.6	7.7
2/08/1989 11:00	1.546	2.558	5.8	7.7
2/08/1989 12:00	1.645	2.758	5.8	6.2
2/08/1989 13:00	1.568	2.638	5.7	7.3
2/08/1989 14:00	1.571	2.388	5.5	6.9
2/08/1989 15:00	1.539	2.958	5.5	6.9
2/08/1989 16:00	1.609	2.668	5.6	6.9

2/08/1989 17:00	1.564	2.538	5.7	6.9
2/08/1989 18:00	1.555	2.868	5.5	7.3
2/08/1989 19:00	1.509	2.679	5.5	7.3
2/08/1989 20:00	1.452	2.488	5.5	6.9
2/08/1989 21:00	1.454	2.798	5.8	7.3
2/08/1989 22:00	1.435	2.278	5.5	7.3
2/08/1989 23:00	1.439	2.498	5.5	7.3
3/08/1989 0:00	1.4	2.458	5.5	6.9
3/08/1989 1:00	1.379	2.458	5.6	7.7
3/08/1989 2:00	1.436	2.328	5.6	7.3
3/08/1989 3:00	1.334	2.018	5.6	6.9
3/08/1989 4:00	1.4	2.528	5.4	8.2
3/08/1989 5:00	1.323	2.248	5.5	8.8
3/08/1989 6:00	1.298	2.038	5.4	7.3
3/08/1989 7:00	1.23	2.138	5.1	8.2
3/08/1989 8:00	1.204	1.998	5.2	8.2
3/08/1989 9:00	1.275	2.328	5.4	9.5
3/08/1989 10:00	1.227	1.988	5.1	7.3
3/08/1989 11:00	1.319	2.628	5.9	6.9
3/08/1989 12:00	1.377	2.498	6.1	8.8
3/08/1989 13:00	1.399	2.358	6.1	8.2
3/08/1989 14:00	1.51	2.488	5.9	10.2
3/08/1989 15:00	1.585	2.658	6.2	10.2
3/08/1989 16:00	1.458	2.738	6	9.5
3/08/1989 17:00	1.537	2.888	6.2	8.8
3/08/1989 18:00	1.623	2.898	6.7	9.5
3/08/1989 19:00	1.572	2.588	6.6	10.2
3/08/1989 20:00	1.498	2.308	6.7	11.1
3/08/1989 21:00	1.536	3.158	6.9	11.1
3/08/1989 22:00	1.593	2.598	7.6	10.2
3/08/1989 23:00	1.578	2.608	7.4	11.1
4/08/1989 0:00	1.461	2.728	7.2	10.2
4/08/1989 1:00	1.459	2.718	7.1	10.2
4/08/1989 2:00	1.532	2.418	7.2	10.2
4/08/1989 3:00	1.352	2.318	6.3	9.5
4/08/1989 4:00	1.326	2.208	6.1	10.2
4/08/1989 5:00	1.36	2.278	6.6	8.2
4/08/1989 6:00	1.291	2.488	6.3	10.2
4/08/1989 7:00	1.381	2.348	6.7	10.2
4/08/1989 8:00	1.318	2.248	6.1	9.5
4/08/1989 9:00	1.379	2.788	6.6	10.2
4/08/1989 10:00	1.405	2.308	7.2	9.5
4/08/1989 11:00	1.419	2.275	7.4	9.5
4/08/1989 12:00	1.292	2.378	7.3	11.1
4/08/1989 13:00	1.316	2.138	7.2	9.5
4/08/1989 14:00	1.306	2.038	7.5	9.5
4/08/1989 15:00	1.376	2.437	6.5	13.5
4/08/1989 16:00	1.348	2.128	5.5	9.5
4/08/1989 17:00	1.416	2.248	5.6	12.2
4/08/1989 18:00	1.402	2.228	5.6	12.2

4/08/1989 19:00	1.4	2.628	5.6	9.5
4/08/1989 20:00	1.345	2.068	5.7	10.2
4/08/1989 21:00	1.252	2.248	5.7	13.5
4/08/1989 22:00	1.317	2.158	5.8	12.2
4/08/1989 23:00	1.193	2.498	5.4	11.1
5/08/1989 0:00	1.231	2.108	5.8	12.2
5/08/1989 1:00	1.306	2.158	6	10.2
5/08/1989 2:00	1.269	2.158	6.2	12.2
5/08/1989 3:00	1.215	2.468	6.3	11.1
5/08/1989 4:00	1.205	2.148	5.3	13.5
5/08/1989 5:00	1.095	2.328	5	11.1
5/08/1989 6:00	1.082	1.958	5.5	11.1
5/08/1989 7:00	1.035	1.888	5	10.2
5/08/1989 8:00	1.057	1.808	4.8	12.2
5/08/1989 9:00	1.101	1.858	5	11.1
5/08/1989 10:00	1.082	1.808	5.2	13.5
5/08/1989 11:00	1.047	1.838	4.9	11.1
5/08/1989 12:00	1.063	1.758	4.7	11.1
5/08/1989 13:00	1.05	1.728	4.5	11.1
5/08/1989 14:00	1.129	1.758	4.3	12.2
5/08/1989 15:00	1.065	1.958	4.2	12.2
5/08/1989 16:00	1.047	2.068	4.3	10.2
5/08/1989 17:00	0.946	1.698	4.6	12.2
5/08/1989 18:00	0.844	1.658	4.7	13.5
5/08/1989 19:00	0.832	1.328	5	11.1
5/08/1989 20:00	0.84	1.698	4.9	12.2
5/08/1989 21:00	0.832	1.838	4.6	12.2
5/08/1989 22:00	0.792	1.508	4.6	12.2
5/08/1989 23:00	0.744	1.598	4.6	11.1
6/08/1989 0:00	0.757	1.528	4.6	11.1
6/08/1989 1:00	0.749	1.318	4.3	12.2
6/08/1989 2:00	0.754	1.338	4.2	12.2
6/08/1989 3:00	0.705	1.278	3.9	11.1
6/08/1989 4:00	0.755	1.418	4.6	11.1
6/08/1989 5:00	0.748	1.708	4.9	12.2
6/08/1989 6:00	0.748	1.318	4.8	12.2
6/08/1989 7:00	0.712	1.458	4.8	12.2
6/08/1989 8:00	0.727	1.408	5.1	13.5
6/08/1989 9:00	0.745	1.368	5.6	13.5
6/08/1989 10:00	0.888	1.678	5.5	12.2
6/08/1989 11:00	0.882	1.338	5	13.5
6/08/1989 12:00	0.958	1.658	5	13.5
6/08/1989 13:00	1.136	1.928	5.4	12.2
6/08/1989 14:00	1.208	2.038	5.4	11.1
6/08/1989 15:00	1.143	2.048	5.1	13.5
6/08/1989 16:00	1.268	2.248	5.2	13.5
6/08/1989 17:00	1.296	2.143	5.2	13.5
6/08/1989 18:00	1.26	2.118	5.3	13.5
6/08/1989 19:00	1.549	2.498	6.3	9.5
6/08/1989 20:00	1.666	2.678	6.3	8.8

6/08/1989 21:00	1.847	3.788	6.5	7.7
6/08/1989 22:00	1.799	3.458	6.2	7.7
6/08/1989 23:00	1.76	2.608	5.9	8.8
7/08/1989 0:00	1.929	3.118	6.7	11.1
7/08/1989 1:00	2.085	3.518	6.9	11.1
7/08/1989 2:00	2.144	3.418	7.2	12.2
7/08/1989 3:00	2.056	3.088	7.3	11.1
7/08/1989 4:00	2.155	3.558	7.6	11.1
7/08/1989 5:00	2.02	3.228	7.4	11.1
7/08/1989 6:00	2.096	3.688	7.7	11.1
7/08/1989 7:00	2.068	3.478	7.7	11.1
7/08/1989 8:00	1.954	2.968	7.5	12.2
7/08/1989 9:00	1.935	3.118	7.6	11.1
7/08/1989 10:00	1.888	2.958	8	11.1
7/08/1989 11:00	1.824	3.258	7.7	11.1
7/08/1989 12:00	2.014	3.618	7.6	11.1
7/08/1989 13:00	1.937	3.178	7.8	10.2
7/08/1989 14:00	1.889	3.458	7.3	10.2
7/08/1989 15:00	1.849	3.178	6.5	10.2
7/08/1989 16:00	1.746	3.338	6.4	10.2
7/08/1989 17:00	1.629	2.838	7.1	10.2
7/08/1989 18:00	1.65	2.538	7.7	10.2
7/08/1989 19:00	1.371	2.418	6.7	10.2
7/08/1989 20:00	1.346	2.208	7.2	12.2
7/08/1989 21:00	1.327	2.158	6.8	12.2
7/08/1989 22:00	1.336	2.138	6.9	10.2
7/08/1989 23:00	1.15	1.878	6	12.2
8/08/1989 0:00	1.111	2.018	6	13.5
8/08/1989 1:00	1.123	1.798	6.3	12.2
8/08/1989 2:00	1.023	1.648	6.1	12.2
8/08/1989 3:00	1.042	2.078	6.1	12.2
8/08/1989 4:00	0.986	2.138	5.2	12.2
8/08/1989 5:00	1.041	1.838	4.6	12.2
8/08/1989 6:00	1.082	2.058	4.7	12.2
8/08/1989 7:00	1.037	1.688	4.3	12.2
8/08/1989 8:00	1.193	2.158	4.5	12.2
8/08/1989 9:00	1.219	2.558	4.6	12.2
8/08/1989 10:00	1.167	1.968	4.9	12.2
8/08/1989 11:00	1.131	1.938	5.2	12.2
8/08/1989 12:00	1.07	1.878	5.5	12.2
8/08/1989 13:00	1.137	1.988	5.2	12.2
8/08/1989 14:00	1.375	2.238	5.4	12.2
8/08/1989 15:00	1.317	2.368	5.2	12.2
8/08/1989 16:00	1.376	2.358	5.3	8.2
8/08/1989 17:00	1.333	2.458	5.1	12.2
8/08/1989 18:00	1.371	2.168	5.4	8.2
8/08/1989 19:00	1.373	2.348	5.5	8.8
8/08/1989 20:00	1.2	2.148	5.3	7.7
8/08/1989 21:00	1.251	2.448	5.4	12.2
8/08/1989 22:00	1.13	1.958	4.9	12.2

8/08/1989 23:00	1.112	1.968	5	12.2
9/08/1989 0:00	1.174	2.238	5.1	12.2
9/08/1989 1:00	1.06	1.988	5.2	11.1
9/08/1989 2:00	1.081	2.048	5	12.2
9/08/1989 3:00	1.049	1.808	5	11.1
9/08/1989 4:00	1.001	1.758	5.3	12.2
9/08/1989 5:00	0.98	1.768	5.2	12.2
9/08/1989 6:00	0.977	1.628	5.5	12.2
9/08/1989 7:00	0.952	1.568	5.8	12.2
9/08/1989 8:00	0.814	1.229	5.3	12.2
9/08/1989 9:00	0.902	1.558	5.4	12.2
9/08/1989 10:00	0.957	1.778	5.2	11.1
9/08/1989 11:00	0.864	1.558	4.9	12.2
9/08/1989 12:00	0.876	1.628	5.6	11.1
9/08/1989 13:00	0.823	1.468	5.3	12.2
9/08/1989 14:00	0.905	1.528	5.6	11.1
9/08/1989 15:00	0.874	1.538	5.5	12.2
9/08/1989 16:00	0.807	1.488	5.7	12.2
9/08/1989 17:00	0.864	1.458	6.5	12.2
9/08/1989 18:00	0.963	1.538	6.4	11.1
9/08/1989 19:00	1.056	1.708	7	7.3
9/08/1989 20:00	1.165	2.018	7.5	10.2
9/08/1989 21:00	1.164	1.968	7	11.1
9/08/1989 22:00	1.197	2.018	6	11.1
9/08/1989 23:00	1.128	1.678	6	12.2
10/08/1989 0:00	1.126	2.188	6.1	12.2
10/08/1989 1:00	1.143	1.748	5.8	9.5
10/08/1989 2:00	1.08	1.848	5.7	12.2
10/08/1989 3:00	1.102	1.878	6.1	12.2
10/08/1989 4:00	0.992	1.648	5.4	11.1
10/08/1989 5:00	1.017	1.488	5.7	15.1
10/08/1989 6:00	0.945	1.738	5.9	11.1
10/08/1989 7:00	0.996	1.858	6.6	12.2
10/08/1989 8:00	0.956	1.598	5.8	12.2
10/08/1989 9:00	0.99	1.96	6.2	12.2
10/08/1989 10:00	1.019	1.638	5.8	13.5
10/08/1989 11:00	1.028	1.868	5.3	12.2
10/08/1989 12:00	0.983	1.818	5.5	13.5
10/08/1989 13:00	1.027	1.768	5.6	12.2
10/08/1989 14:00	1.017	1.928	4.9	11.1
10/08/1989 15:00	1.061	2.278	5.5	12.2
10/08/1989 16:00	1.022	1.588	5.5	13.5
10/08/1989 17:00	0.999	1.698	5.9	13.5
10/08/1989 18:00	0.868	1.528	4.8	12.2
10/08/1989 19:00	0.904	1.528	4.9	13.5
10/08/1989 20:00	0.957	1.538	4.8	13.5
10/08/1989 21:00	1.426	2.088	4.4	4.3
10/08/1989 22:00	1.838	3.468	4.7	5.9
10/08/1989 23:00	1.949	3.278	4.9	5.9
11/08/1989 0:00	2.141	3.298	5.1	6.2

11/08/1989 1:00	2.158	3.948	5.2	6.9
11/08/1989 2:00	2.027	3.538	5.4	7.3
11/08/1989 3:00	2.276	3.378	5.6	6.9
11/08/1989 4:00	2.651	4.298	6.5	7.7
11/08/1989 5:00	3.04	5.378	7.1	10.2
11/08/1989 6:00	2.848	4.908	6.2	11.1
11/08/1989 7:00	2.702	4.388	6.3	8.8
11/08/1989 8:00	2.46	4.548	6.1	9.5
11/08/1989 9:00	2.414	5.028	6.3	8.8
11/08/1989 10:00	2.466	4.461	6.4	8.8
11/08/1989 11:00	2.538	3.998	6.1	8.2
11/08/1989 12:00	2.654	4.688	6.1	8.8
11/08/1989 13:00	2.909	5.358	6.8	11.1
11/08/1989 14:00	3.031	4.718	6.9	9.5
11/08/1989 15:00	2.999	5.458	6.9	10.2
11/08/1989 16:00	2.922	4.848	6.6	12.2
11/08/1989 17:00	3.101	4.998	6.6	9.5
11/08/1989 18:00	3.197	5.918	6.7	11.1
11/08/1989 19:00	3.207	5.598	6.9	12.2
11/08/1989 20:00	3.63	5.918	7.3	11.1
11/08/1989 21:00	3.861	6.248	7	11.1
11/08/1989 22:00	4.3	8.408	7.2	10.2
11/08/1989 23:00	4.25	7.838	7.5	11.1
12/08/1989 0:00	4.304	6.678	7.7	11.1
12/08/1989 1:00	4.056	6.847	7.3	11.1
12/08/1989 2:00	3.907	5.908	7.2	11.1
12/08/1989 3:00	3.904	6.089	7.3	12.2
12/08/1989 4:00	3.883	6.808	7.6	12.2
12/08/1989 5:00	3.813	6.498	7.6	11.1
12/08/1989 6:00	4.429	6.938	8	11.1
12/08/1989 7:00	4.463	7.308	7.9	12.2
12/08/1989 8:00	4.328	7.348	8.2	12.2
12/08/1989 9:00	4.119	6.648	8	12.2
12/08/1989 10:00	4.395	7.248	7.9	12.2
12/08/1989 11:00	4.286	7.678	7.6	13.5
12/08/1989 12:00	4.613	7.578	8.1	11.1
12/08/1989 13:00	4.311	8.098	7.6	13.5
12/08/1989 14:00	4.475	8.068	7.7	13.5
12/08/1989 15:00	4.832	7.688	8.2	13.5
12/08/1989 16:00	4.275	6.718	7.8	13.5
12/08/1989 17:00	4.277	6.768	7.7	12.2
12/08/1989 18:00	3.862	5.368	7.5	10.2
12/08/1989 19:00	3.965	6.008	7.3	12.2
12/08/1989 20:00	3.737	6.228	7.2	11.1
12/08/1989 21:00	3.936	6.988	7.4	12.2
12/08/1989 22:00	4.108	6.578	7.4	11.1
12/08/1989 23:00	4.143	6.808	7.9	11.1
13/08/1989 0:00	3.723	6.618	7.2	12.2
13/08/1989 1:00	3.989	6.998	7.5	11.1
13/08/1989 2:00	3.666	6.448	7.3	10.2

13/08/1989 3:00	3.678	6.178	7.5	12.2
13/08/1989 4:00	3.408	5.938	7.4	12.2
13/08/1989 5:00	3.395	5.468	7.4	11.1
13/08/1989 6:00	3.345	5.738	7.2	11.1
13/08/1989 7:00	3.289	6.408	7.2	10.2
13/08/1989 8:00	3.386	5.498	7.4	11.1
13/08/1989 9:00	3.201	5.648	7.2	11.1
13/08/1989 10:00	3.22	5.298	7	10.2
13/08/1989 11:00	3.13	5.578	6.8	10.2
13/08/1989 12:00	3.198	5.488	6.6	11.1
13/08/1989 13:00	2.969	4.958	6.5	10.2
13/08/1989 14:00	2.937	4.718	6.5	9.5
13/08/1989 15:00	2.799	5.098	6.2	9.5
13/08/1989 16:00	2.803	5.65	6.6	10.2
13/08/1989 17:00	2.694	4.758	6.5	10.2
13/08/1989 18:00	2.655	3.928	6.3	8.8
13/08/1989 19:00	2.595	5.018	6.3	10.2
13/08/1989 20:00	2.61	4.218	6.3	9.5
13/08/1989 21:00	2.682	4.428	6.5	10.2
13/08/1989 22:00	2.542	4.458	6.2	9.5
13/08/1989 23:00	2.547	4.938	6.1	9.5
14/08/1989 0:00	2.374	4.658	5.9	9.5
14/08/1989 1:00	2.393	3.638	5.8	9.5
14/08/1989 2:00	2.065	3.518	5.9	9.5
14/08/1989 3:00	1.994	3.208	6	9.5
14/08/1989 4:00	1.959	3.428	6.1	8.8
14/08/1989 5:00	1.992	3.458	5.8	9.5
14/08/1989 6:00	1.859	3.278	5.8	9.5
14/08/1989 7:00	1.999	3.058	6	9.5
14/08/1989 8:00	1.974	3.548	5.7	9.5
14/08/1989 9:00	1.914	3.448	5.6	9.5
14/08/1989 10:00	1.975	2.988	5.8	9.5
14/08/1989 11:00	1.845	3.228	5.9	8.8
14/08/1989 12:00	1.817	3.168	5.9	9.5
14/08/1989 13:00	1.924	3.448	5.9	8.8
14/08/1989 14:00	1.936	3.978	5.8	8.8
14/08/1989 15:00	1.93	2.938	6	9.5
14/08/1989 16:00	1.805	3.058	5.9	8.8
14/08/1989 17:00	1.759	2.778	6.1	9.5
14/08/1989 18:00	1.926	2.648	6.6	8.8
14/08/1989 19:00	1.839	3.728	6.4	8.8
14/08/1989 20:00	1.683	2.388	6.2	9.5
14/08/1989 21:00	1.788	3.198	6.3	9.5
14/08/1989 22:00	1.694	3.028	6.2	8.8
14/08/1989 23:00	1.806	3.278	6.6	9.5
15/08/1989 0:00	1.779	3.308	6.5	8.8