



South East Burnett Landcare Group Inc
PO Box 34
GOOMERI
QUEENSLAND 4601

30 April 2011

Qld Flood Commission of Enquiry
PO Box 1738
Brisbane Qld 4001

RE: Proposed new Gauging Station below junction on Boonara and Nangur Creeks

Dear Sir/Madam,

On behalf of the South East Burnett Landcare group*, we would like make a submission to the Qld Flood Commission of Enquiry for the installation of a Gauging Station below the junction of Boonara and Nangur Creeks in the Gympie Regional Council area (see attached map). We have identified an ideal location at the bridge up Oakfield Road, which is Crown Land and provides easy access for DERM staff and maintenance.

We currently have a gauging station at "Ettiewyn" on Boonara Creek (GS 136208A Boonara Creek). This station provides valuable information to landholders in the lower section of the creek. However, there is no other gauging station higher in this catchment and our group has identified a need both for those landholders in the Tansey/Boobyjan area. Many landholders have contacted us and following our meeting on 11 April 2011, and we have prepared this submission on their behalf. This area sustained major flood levels during the December/January event – the highest flood we've had on the Ettiewyn gauging station since it was installed in 1968 (10.335m). Landholders in the district received severe damage to fences, irrigation equipment, pumps, electrical equipment, motors, extensive debris, complete loss of crops (e.g. lucerne, sorghum etc), diesel tanks, road damage, dam erosion, severe creek damage. The Ettiewyn station is widely used by landholders to identify creek height and understand when action is necessary e.g. removal of pumps, cattle to higher ground etc.

We realised during this major event, that a gauging station placed higher in the system would give us more time to be prepared and plan for removal of equipment (which can take some time), provide assistance to older neighbours who cannot manage this large workload and potentially move residents before they become flooded into their properties. The Nangur and Boonara Creeks form a major catchment for the Barambah Creek which flows into the Burnett River (flowing eventually to Bundaberg - which was extensively flooded). The Barker/Barambah creek system has eleven (11) gauging stations, which we also find very useful for potential indications along our system.

We feel our Nangur/Boonara creek system needs at least one extra gauging station to 'fill in the gaps' when it comes to early warning creek height measurement. It would be widely used by everyone living along this system which are predominantly cropping and cattle properties, consisting of many lucerne farms with costly irrigation and pumping equipment (which needs to be removed in the event of a flood).

We hope you look favourably upon this request for a second Gauging Station on the Nangur/Boonara Creek system. If you'd like further information on this submission, please contact [REDACTED] Secretary of the SEB Landcare group on [REDACTED]

Kind regards

[REDACTED]
Secretary, SEB Landcare

- SEB Landcare is a progressive group established 15 years ago. It covers the region from Ban Ban Springs to just north of Nanango in the Central and South East Burnett area. Members (approx 50) are based in Wondai, Goomeri, Kinbombi, Tansey, Murgon, Proston, Boobyjan, and Hivesville.
- Attachments – Minutes of 11 April meeting, creek height data, photo of Ettiewyn station during 2011 flood

meeting minutes removed here

GS 136208A Boonara Creek at Ettiewyn



Site 136208A Boonara Creek at Ettiewyn Site 136208A.AT

Variable 100.00 Mean Stream Water Level in Metres

Figures are for period starting 00:00

Year	Mean Median Missing												Monthly	Monthly	Days	Yr	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
1968	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	163	1968
1969	0.531	0.424	0.446	0.567	0.555	0.555	0.422	0.314	0.223	0.432	0.818	0.891	0.515	0.489	0	0	0
1970	0.690	0.966	0.939	0.617	0.457	0.461	0.419	0.374	0.317	0.273	0.430	1.406	0.612	0.459	0	0	0
1971	2.060	4.820	1.529	1.109	0.917	[0.888]	0.864	1.052	1.305	1.160	0.799	1.021	[1.460]	[1.080]	6	6	6
1972	1.025	1.880	1.339	1.878	1.143	1.071	1.026	0.976	0.868	0.967	1.290	0.964	1.202	1.048	0	0	0
1973	1.210	1.231	0.989	0.935	0.864	0.891	1.890	1.290	1.299	1.036	[0.998]	[1.156]	[1.149]	[1.096]	42	42	42
1974	2.714	1.491	1.417	1.190	1.115	1.051	0.995	0.961	1.094	1.285	1.324	1.105	1.312	1.153	0	0	0
1975	1.860	1.531	1.385	1.075	0.988	0.985	1.000	1.013	0.966	1.188	1.022	1.159	1.181	1.048	0	0	0
1976	1.785	1.689	1.946	1.152	1.123	1.042	1.011	0.948	0.938	1.063	1.879	1.234	1.317	1.137	0	0	0
1977	1.005	0.903	1.051	0.921	0.909	0.850	0.796	0.751	0.743	0.738	1.191	0.809	0.889	0.876	0	0	0
1978	1.000	1.196	1.016	1.058	0.910	0.862	1.043	0.890	1.374	0.874	0.922	1.217	1.030	1.008	0	0	0
1979	1.104	1.031	0.850*	0.830*	0.819*	0.802*	0.806*	0.771*	[0.686]	[0.613]	0.722	0.751	[0.815]	[0.804]	6	6	6
1980	0.844	0.892	0.750	0.560	0.459	0.603	0.593	0.623	0.550	0.498	[0.550]	1.673	[0.716]	[0.598]	8	8	8
1981	1.531	1.188	0.882	0.931	0.820	0.986	0.853	0.793	0.658	0.531	0.654	1.051	0.906	0.868	0	0	0
1982	0.981	0.833	1.583	0.917	0.804	0.824	0.787	[0.676]	[0.816]	0.755	0.508	0.910	[0.866]	[0.820]	27	27	27
1983	0.971	0.738	0.696	1.112	2.700	1.957	1.329	1.159	0.979	1.126	1.122	1.055	1.245	1.117	0	0	0
1984	1.126	0.902	0.848	0.778	0.746	0.826	1.108	0.926	0.980	0.856	1.121	0.920	0.928	0.911	0	0	0
1985	0.885	0.731	0.801	0.721	0.724	0.768	0.766	0.712	0.727	0.822	0.714	1.276	0.804	0.749	0	0	0
1986	1.268	0.878	0.759	0.723	0.716	0.704	0.722	0.716	[0.593]	0.901	0.964	1.202	[0.846]	[0.741]	17	17	17
1987	1.433	1.241	1.197	1.159	1.168	1.167	1.159	1.166	1.085	1.067	1.144	0.987	1.164	1.163	0	0	0
1988	0.795	0.670	0.567	0.540	0.481	1.159	1.520	1.375	1.338	1.156	1.142	1.872	1.051	1.149	0	0	0
1989	1.405	1.351	1.279	2.452	1.719	1.513	1.622	1.846	1.461	1.342	1.480	1.265	1.561	1.471	0	0	0
1990	1.203	1.171	1.211	1.879	1.808	1.584	1.398	1.385	1.276	1.227	1.221	1.142	1.376	1.251	0	0	0
1991	1.171	1.558	1.210	1.196	1.170	1.209	1.190	1.200	1.129	1.055	1.032	1.861	1.248	1.193	0	0	0

1992	1.426	1.896	2.304	1.520	1.539	1.387	1.338	1.297	1.393	1.231	1.271	1.209	1.484	1.390	0
1992															
1993	1.201	1.182	1.166	1.027	1.042	1.134	1.154	1.146	1.140	1.135	1.205	1.163	1.141	1.150	0
1993															
1994	1.098	1.335	1.660	1.196	1.159	1.157	1.156	1.156	1.091	0.932	0.808	0.674	1.118	1.156	0
1994															
1995	0.478	[1.748]	1.338	1.297	1.093	1.082	1.044	0.913	0.752	0.644	0.740	1.302	[1.036]	[1.063]	14
1995															
1996	1.903	1.230	1.097	0.815	1.339	1.182	1.159	1.153	1.082	1.096	0.920	1.224	1.183	1.156	0
1996															
1997	1.110	0.918	0.768	0.662	0.606	0.577	0.553	0.514	0.453	0.435	0.755	0.980	0.694	0.634	0
1997															
1998	0.742	1.457	1.140	1.026	1.593*	1.173	1.151	1.144	1.575	1.309	1.258	1.533	1.258*	1.215*	0
1998															
1999	1.318	1.753	1.419	1.179	1.168	1.162	1.392	1.315	1.234	1.312	1.523	1.260	1.336	1.314	0
1999															
2000	1.208	1.126	1.049	0.947	1.314	1.226	1.160	1.095	0.912	0.780	1.362	1.138	1.110	1.132	0
2000															
2001	1.096	1.663	1.190	1.134	1.189	1.136	1.124	1.101	1.043	0.929	1.294*	1.175	1.173*	1.135*	0
2001															
2002	1.001	1.328	1.129	0.963	0.807	0.746	0.651	0.808	1.174	1.024	0.772	0.557	0.913	0.885	0
2002															

592 Total

----- Notes -----

All recorded data is continuous and reliable
except where the following tags are used...

Unvalidated

Below threshold

Site 136208A Boonara Creek at Ettiewyn
 Variable 100.00 Mean Stream Water Level in Metres
 Figures are for period starting 00:00

Site 136208A.AT

Year	Mean Median Missing												Monthly	Monthly	Days	Yr
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
2003	[0.447]	[2.155]	1.481	1.232	1.165	1.172	1.121	0.993	0.852	0.674	0.620	0.497	[1.034]	[1.057]	35	
2004	1.007	1.621	1.779	1.253	1.195	1.149	1.131	1.056	0.952	0.937	1.200	1.286	1.214	1.172	0	
2005	1.282	1.086	0.890	0.733	0.636	0.682	1.119	0.936	0.792	0.933	1.280	1.243	0.968	0.934	0	
2006	1.148	0.928	0.726	0.558	0.379B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.312B	0.000B	0
2007	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0
2008	0.000B	1.203B	0.908	0.579	0.130B	1.145B	1.203	1.271	1.103	0.842	0.608	0.418B	0.784B	0.875B	0	
2009	0.556B	0.964	0.642	0.427B	0.400B	0.400B	0.400B	0.400B	0.400B	0.400B	0.400B	0.400B	0.400B	0.482B	0.400B	0
2010	0.400B	1.492B	2.190	1.282	1.015	0.820	0.686	0.595	1.185	1.528	1.252*	3.795*	1.353*	1.218*	0	
2011	[4.171]	1.678*	1.517*	[1.447]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]

592 Total

Mean	[1.167]	[1.304]	1.141*	[1.013]	0.973*	[0.952]	0.971*	[0.923]	[0.915]	[0.877]	[0.951]	[1.104]	[1.040]		
Med.	[1.104]	[1.203]	1.129*	[1.026]	0.953*	[0.986]	1.043*	[0.961]	[0.966]	[0.932]	[0.998]	[1.142]	[1.036]		
Max	[4.171]	[4.820]	2.304*	[2.452]	2.700*	[1.957]	1.890*	[1.846]	[1.575]	[1.528]	[1.879]	[3.795]	[2.203]		
Min	[0.000]	[0.000]	0.000*	[0.000]	0.000*	[0.000]	0.000*	[0.000]	[0.000]	[0.000]	[0.000]	[0.000]	[0.000]		
OK Cnt	99%	97%	100%	98%	100%	99%	100%	100%	97%	100%	98%	99%	99%	OK	

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Site 136208A Boonara Creek at Ettiewyn Site 136208A.AT
 Variable 100.00 Maximum Stream Water Level in Metres
 Figures are for period starting 00:00

Year	Annual Missing												Max	Days	Yr
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1968	[]	[]	[]	[]	[]	[0.860]	0.930	0.960	0.885	0.645	0.620	2.260	[2.260]	163	1968
1969	0.585	0.460	1.340	0.770	0.570	0.570	0.515	0.370	0.260	1.480	2.190	3.050	3.050	0	1969
1970	2.620	2.680	2.669	0.830	0.530	0.470	0.470	0.400	0.350	0.290	1.680	8.310	8.310	0	1970
1971	6.660	10.000	2.110	1.245	1.005	[0.941]	0.920	1.410	4.170	1.870	0.922	1.980	[10.000]	6	1971
1972	1.550	8.090	4.920	9.250	1.230	1.130	1.065	1.010	0.925	2.190	2.520	1.240	9.250	0	1972
1973	4.930	1.740	1.210	0.990	0.880	0.905	5.380	2.040	4.550	1.180	[1.330]	[1.390]	[5.380]	42	1973
1974	9.190	3.050	2.950	1.880	1.290	1.115	1.050	1.240	1.460	2.750	2.800	2.060	9.190	0	1974
1975	7.250	6.800	2.670	1.494	1.040	1.100	1.140	1.100	1.040	3.390	1.530	4.090	7.250	0	1975
1976	7.740	5.460	5.750	1.610	1.572	1.070	1.170	1.045	1.420	2.960	5.100	3.180	7.740	0	1976
1977	1.110	1.020	1.560	1.296	1.170	0.880	0.830	0.760	0.765	0.770	6.140	0.900	6.140	0	1977
1978	4.070	3.330	2.100	2.690	0.940	0.960	3.060	2.130	3.580	0.970	1.300	4.230	4.230	0	1978
1979	1.983	1.640	0.900*	0.880*	0.920*	0.890*	0.858*	0.810*	[0.750]	[0.740]	0.910	1.550	[1.983]	6	1979
1980	3.210	1.317	1.080	0.720	0.590	0.610	0.630	0.630	0.600	0.530	[1.560]	7.560	[7.560]	8	1980
1981	6.940	2.400	1.171	2.770	1.030	1.500	1.350	0.902	0.760	0.570	1.200	3.140	6.940	0	1981
1982	1.870	1.570	5.040	1.690	0.900	1.070	0.860	[0.770]	[0.970]	0.956	0.560	2.830	[5.040]	27	1982
1983	4.550	0.780	0.770	8.261	8.920	8.710	1.649	1.340	1.174	3.610	2.360	1.910	8.920	0	1983
1984	4.060	1.060	1.320	0.840	0.765	0.920	5.120	1.273	3.180	0.960	2.670	3.330	5.120	0	1984
1985	1.820	0.801	1.430	0.760	0.800	0.880	0.840	0.770	0.767	1.960	0.760	7.280	7.280	0	1985
1986	3.640	2.920	0.989	0.750	0.770	0.720	0.730	0.820	[0.605]	1.720	1.600	2.140	[3.640]	17	1986
1987	5.280	1.490	1.250	1.220	1.200	1.170	1.200	1.200	1.125	1.240	1.310	1.080	5.280	0	1987
1988	0.880	0.710	0.630	0.550	0.520	2.330	5.210	2.900	1.480	1.240	1.610	9.030	9.030	0	1988
1989	1.730	2.050	2.290	9.650	3.090	1.743	3.350	7.050	1.557	1.450	1.960	1.320	9.650	0	1989
1990	1.254	1.199	1.658	3.907	4.968	1.880	1.450	1.620	1.311	1.242	1.308	1.176	4.968	0	1990
1991	1.566	6.429	1.277	1.252	1.200	1.227	1.230	1.212	1.155	1.093	1.076	7.603	7.603	0	1991
1992	2.988	6.242	9.767	1.824	3.083	1.439	1.372	1.327	1.650	1.280	1.500	1.332	9.767	0	1992
1993	1.295	1.200	1.210	1.107	1.090	1.143	1.186	1.155	1.163	2.600	1.480	1.197	2.600	0	1993
1994	1.136	2.109	4.214	1.276	1.184	1.170	1.175	1.173	1.134	1.025	0.886	0.735	4.214	0	1994
1995	0.507	[5.720]	2.888	1.885	1.153	1.103	1.130	0.956	0.788	0.705	1.290	3.037	[5.720]	14	1995
1996	7.426	1.476	1.189	0.905	2.916	1.223	1.177	1.173	1.155	1.445	0.976	5.614	7.426	0	1996
1997	1.195	1.046	0.833	0.707	0.617	0.605	0.567	0.550	0.472	0.463	1.517	1.135	1.517	0	1997
1998	1.484	3.984	1.275	1.060	5.135*	1.220	1.170	1.170	4.505	1.665	1.911	2.823	5.135*	0	1998
1999	1.664	7.572	2.339	1.254	1.187	1.190	3.312	1.485	1.360	2.084	4.846	1.327	7.572	0	1999
2000	1.262	1.180	1.117	0.988	2.430	1.384	1.239	1.128	1.032	1.060	2.960	1.187	2.960	0	2000
2001	1.168	4.815	1.265	1.168	1.356	1.168	1.173	1.135	1.061	0.982	4.180*	1.210	4.815*	0	2001
2002	1.103	3.851	1.200	1.046	0.881	0.777	0.699	1.610	1.238	1.134	0.897	0.655	3.851	0	2002

592 Total

----- Notes -----

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 Variable 100.00 Maximum Stream Water Level in Metres
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Year	Annual Missing												Max	Days	Yr
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
2003	[0.498]	[4.620]	2.940	1.412	1.242	1.197	1.165	1.053	0.942	0.751	0.728	0.547	[4.620]	35	2003
2004	3.380	3.615	8.105	1.337	1.250	1.155	1.142	1.115	1.005	1.280	2.835	2.053	8.105	0	2004
2005	3.050	1.163	0.980	0.806	0.672	2.270	1.804	1.008	0.866	1.761	3.048	1.837	3.050	0	2005
2006	1.330	1.054	0.816	0.635	0.483B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	1.330B	0
2007	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0
2008	0.000B	2.920B	1.164	0.724	0.443B	3.400B	5.231	1.471	1.158	0.985	0.708	0.500B	5.231B	0	2008
2009	1.557B	1.152	0.798	0.498B	0.400B	0.400B	0.400B	0.400B	0.400B	0.400B	0.400B	0.400B	0.400B	1.557B	0
2010	0.400B	3.138B	8.146	1.379	1.159	0.908	0.749	0.635	3.764	3.583	1.350*	9.524*	9.524*	0	2010
2011	[10.335]	2.044*	1.625*	[1.450]	[]	[]	[]	[]	[]	[]	[]	[]	[10.335]	274	2011

592 Total

Mean	[2.936]	[2.928]	2.301*	[1.785]	1.490*	[1.288]	1.528*	[1.216]	[1.361]	[1.372]	[1.780]	[2.738]	[5.799]		
Med.	[1.730]	[2.050]	1.320*	[1.220]	1.065*	[1.103]	1.165*	[1.115]	[1.061]	[1.180]	[1.480]	[1.910]		Med.	
Max	[10.335]	[10.000]	9.767*	[9.650]	8.920*	[8.710]	5.380*	[7.050]	[4.550]	[3.610]	[6.140]	[9.524]	[10.335]		
Min	[0.000]	[0.000]	0.000*	[0.000]	0.000*	[0.000]	0.000*	[0.000]	[0.000]	[0.000]	[0.000]	[0.000]	[0.000]	Min	
OK	99%	97%	100%	98%	100%	99%	100%	100%	97%	100%	98%	99%	99%	OK	
Cnt	43	43	43	43	42	43	43	43	43	43	43	43	44	Cnt	

----- Notes -----

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 Unvalidated
 Below threshold

Site 136208A Boonara Creek at Ettiewyn Site 136208A.AT
 Variable 100.00 Minimum Stream Water Level in Metres
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Year	Annual Missing												Min	Days	Yr
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1968	[]	[]	[]	[]	[]	[0.820]	0.820	0.780	0.645	0.580	0.570	0.585	[0.570]	163	1968
1969	0.460	0.400	0.400	0.540	0.540	0.515	0.370	0.260	0.180	0.150	0.520	0.590	0.150	0	1969
1970	0.570	0.630	0.620	0.530	0.420	0.440	0.400	0.350	0.290	0.260	0.240	0.520	0.240	0	1970
1971	0.800	1.950	1.245	1.005	0.890	[0.850]	0.830	0.820	1.010	0.910	0.750	0.760	[0.750]	6	1971
1972	0.840	1.040	1.040	1.020	1.070	1.020	1.000	0.925	0.630	0.840	1.010	0.860	0.630	0	1972
1973	0.910	0.980	0.880	0.850	0.850	0.880	0.905	1.140	1.070	0.930	[0.960]	[0.983]	[0.850]	42	1973
1974	1.070	1.190	1.230	1.080	1.070	1.030	0.930	0.900	0.970	0.990	0.960	0.930	0.900	0	1974
1975	1.020	0.980	1.110	1.020	0.960	0.950	0.950	0.960	0.920	0.920	0.940	0.880	0.880	0	1975
1976	0.970	1.160	1.270	1.080	1.070	1.020	0.970	0.910	0.870	0.880	1.030	1.020	0.870	0	1976
1977	0.935	0.860	0.900	0.850	0.840	0.830	0.755	0.740	0.730	0.700	0.700	0.760	0.700	0	1977
1978	0.730	0.880	0.890	0.885	0.880	0.800	0.810	0.830	0.930	0.820	0.798	0.790	0.730	0	1978
1979	0.840	0.860	0.800*	0.790*	0.780*	0.760*	0.790*	0.750*	[0.550]	[0.410]	0.700	0.630	[0.410]	6	1979
1980	0.710	0.750	0.720	0.410	0.410	0.590	0.580	0.600	0.490	0.450	[0.400]	0.750	[0.400]	8	1980
1981	0.922	0.810	0.770	0.790	0.770	0.810	0.770	0.747	0.500	0.490	0.530	0.770	0.490	0	1981
1982	0.730	0.700	0.930	0.810	0.780	0.770	0.730	[0.420]	[0.440]	0.560	0.440	0.430	[0.420]	27	1982
1983	0.730	0.690	0.630	0.660	1.100	1.190	1.190	1.080	0.890	0.880	0.890	0.870	0.630	0	1983
1984	0.870	0.800	0.745	0.740	0.740	0.710	0.810	0.849	0.800	0.800	0.820	0.760	0.710	0	1984
1985	0.730	0.700	0.700	0.690	0.700	0.730	0.720	0.690	0.710	0.710	0.680	0.690	0.680	0	1985
1986	0.870	0.730	0.710	0.700	0.700	0.700	0.710	0.700	[0.590]	0.595	0.820	1.090	[0.590]	17	1986
1987	1.180	1.180	1.170	1.130	1.135	1.160	1.140	1.125	1.035	1.000	1.062	0.880	0.880	0	1987
1988	0.710	0.620	0.510	0.520	0.450	0.450	1.140	1.190	1.230	1.065	1.030	1.060	0.450	0	1988
1989	1.270	1.250	1.200	1.250	1.530	1.420	1.420	1.390	1.370	1.300	1.320	1.220	1.200	0	1989
1990	1.162	1.154	1.165	1.366	1.390	1.450	1.363	1.311	1.236	1.212	1.144	1.121	1.121	0	1990
1991	1.138	1.159	1.175	1.152	1.155	1.155	1.172	1.155	1.093	1.027	0.992	0.983	0.983	0	1991
1992	1.220	1.205	1.385	1.412	1.378	1.349	1.300	1.280	1.277	1.192	1.180	1.177	1.177	0	1992
1993	1.165	1.160	1.107	0.983	1.009	1.090	1.141	1.140	1.119	1.090	1.145	1.120	0.983	0	1993
1994	1.057	1.052	1.204	1.164	1.147	1.151	1.150	1.134	1.025	0.868	0.735	0.507	0.507	0	1994
1995	0.447	[0.437]	1.174	1.131	1.018	1.049	0.956	0.788	0.705	0.616	0.529	1.125	[0.437]	14	1995
1996	1.161	1.159	0.905	0.735	0.780	1.156	1.128	1.093	1.017	0.968	0.802	0.784	0.735	0	1996
1997	1.043	0.828	0.697	0.617	0.583	0.547	0.542	0.472	0.423	0.414	0.410	0.838	0.410	0	1997
1998	0.634	1.059	1.050	0.982	1.040*	1.158	1.140	1.129	1.114	1.200	1.166	1.258	0.634*	0	1998
1999	1.138	1.137	1.254	1.153	1.157	1.152	1.170	1.232	1.154	1.164	1.293	1.220	1.137	0	1999
2000	1.137	1.075	0.988	0.925	0.927	1.154	1.128	1.032	0.862	0.742	1.060	1.063	0.742	0	2000
2001	1.035	1.035	1.168	1.111	1.111	1.125	1.100	1.055	0.982	0.892	0.862*	1.103	0.862*	0	2001
2002	0.891	0.883	1.046	0.881	0.757	0.699	0.609	0.552	1.134	0.897	0.655	0.490	0.490	0	2002

592 Total

----- Notes -----

All recorded data is continuous and reliable
 except where the following tags are used...
 Unvalidated
 Below threshold

Site 136208A Boonara Creek at Ettiewyn Site 136208A.AT
 Variable 100.00 Minimum Stream Water Level in Metres
 Figures are for period starting 00:00

Year	Annual Missing												Min	Days	Yr
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
2003	[0.402]	[0.897]	1.180	1.168	1.135	1.140	1.053	0.942	0.751	0.593	0.508	0.421	[0.402]	35	2003
2004	0.433	1.265	1.295	1.215	1.155	1.140	1.115	0.995	0.880	0.767	1.005	1.048	0.433	0	2004
2005	1.145	0.980	0.806	0.670	0.588	0.543	1.008	0.866	0.708	0.625	1.077	1.082	0.543	0	2005
2006	1.054	0.816	0.635	0.483	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0
2007	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0.000B	0
2008	0.000B	0.000B	0.724	0.443	0.000B	0.000B	0.828	1.155	0.985	0.708	0.500	0.400B	0.000B	0	2008
2009	0.400B	0.798	0.498	0.400B	0.400B	0.400B	0.400B	0.400B	0.400B	0.400B	0.400B	0.400B	0.400B	0	2009
2010	0.400B	0.400B	1.241	1.159	0.908	0.749	0.635	0.548	0.532	1.281	1.179*	1.202*	0.400*	0	2010
2011	[1.746]	1.550*	1.443*	[1.445]	[]	[]	[]	[]	[]	[]	[]	[]	[1.443]	274	2011

592 Total

Mean	[0.853]	[0.912]	0.944*	[0.882]	0.841*	[0.852]	0.876*	[0.847]	[0.796]	[0.765]	[0.786]	[0.818]	[0.636]		
Med.	[0.891]	[0.897]	0.988*	[0.885]	0.885*	[0.850]	0.930*	[0.900]	[0.870]	[0.820]	[0.820]	[0.860]		Med.	
Max	[1.746]	[1.950]	1.443*	[1.445]	1.530*	[1.450]	1.420*	[1.390]	[1.370]	[1.300]	[1.320]	[1.258]	[1.443]	Max	
Min	[0.000]	[0.000]	0.000*	[0.000]	0.000*	[0.000]	0.000*	[0.000]	[0.000]	[0.000]	[0.000]	[0.000]	[0.000]	Min	
OK	99%	97%	100%	98%	100%	99%	100%	100%	97%	100%	98%	99%	99%	OK	
Cnt	43	43	43	43	42	43	43	43	43	43	43	43	44	Cnt	

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