

# STATION DESCRIPTION

**CANAL** : La Marie Conduit      **LOCATION** : Mare Aux Vacoas      **STATION CODE** : T02

**GRID REF**    **Easting** : 996,490      **ELEVATION** : 570  
                   **Northing** : 981,705      **(a.m.s.l) (m)**

**EQUIPMENT** : Critical Depth flume with 3 ft staff gauge      **RECORD** : Since January 1975  
                   : Munro vertical weekly water level recorder.

## ANNUAL DISCHARGE RECORD

T02 - La Marie Conduit

		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	YEAR
YEAR : 1999 / 00	Volume (Mm <sup>3</sup> )	1.748	1.774	1.692	1.706	2.366	2.537	2.647	2.623	2.521	2.607	2.559	2.743	27.523
	Mean (m <sup>3</sup> /s)	0.674	0.663	0.632	0.681	0.883	0.979	0.988	1.012	0.941	0.973	0.987	1.024	0.870
	Max (m <sup>3</sup> /s)	0.776	0.725	0.683	0.878	0.980	1.080	1.040	1.080	1.010	1.040	1.010	1.100	1.100
	Min (m <sup>3</sup> /s)	0.536	0.608	0.493	0.550	0.396	0.683	0.719	0.985	0.878	0.951	0.974	0.991	0.396

		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	YEAR
YEAR : 2000 / 01	Volume (Mm <sup>3</sup> )	2.620	2.789	2.880	2.621	2.873	2.723	2.602	2.722	2.670	2.630	2.485	2.589	32.202
	Mean (m <sup>3</sup> /s)	1.011	1.041	1.075	1.083	1.073	1.050	0.971	1.050	0.997	0.982	0.959	0.966	1.021
	Max (m <sup>3</sup> /s)	1.070	1.080	1.150	1.100	1.090	1.100	1.090	1.080	1.040	0.997	1.010	1.010	1.150
	Min (m <sup>3</sup> /s)	0.851	1.020	0.859	1.050	1.050	0.991	0.165	1.020	0.986	0.934	0.918	0.916	0.165

		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	YEAR
YEAR : 2001 / 02	Volume (Mm <sup>3</sup> )	2.495	2.668	2.677	2.458	2.758	2.619	2.783	2.684	2.752	2.729	2.751	2.912	32.285
	Mean (m <sup>3</sup> /s)	0.962	0.996	1.000	1.016	1.030	1.010	1.039	1.035	1.027	1.019	1.061	1.087	1.024
	Max (m <sup>3</sup> /s)	1.040	1.130	1.090	1.030	1.040	1.030	1.050	1.050	1.040	1.040	1.100	1.120	1.130
	Min (m <sup>3</sup> /s)	0.925	0.927	0.905	0.991	1.020	0.991	1.000	1.020	1.010	1.000	1.000	1.050	0.905

		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	YEAR
YEAR : 2002 / 03	Volume (Mm <sup>3</sup> )	2.833	2.932	2.956	2.626	2.906	2.791	2.927	2.809	2.913	2.928	2.802	2.933	34.357
	Mean (m <sup>3</sup> /s)	1.093	1.095	1.104	1.085	1.085	1.077	1.093	1.084	1.088	1.093	1.081	1.095	1.089
	Max (m <sup>3</sup> /s)	1.130	1.100	1.160	1.100	1.100	1.090	1.110	1.130	1.100	1.100	1.090	1.120	1.160
	Min (m <sup>3</sup> /s)	1.070	1.090	1.080	1.050	1.070	0.993	1.080	1.040	1.070	1.090	1.070	1.070	0.993

		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	YEAR
YEAR : 2003 / 04	Volume (Mm <sup>3</sup> )	2.904	3.004	3.030	2.797	2.973	2.890	2.995	2.890	2.982	3.029	2.953	3.002	35.449
	Mean (m <sup>3</sup> /s)	1.120	1.122	1.131	1.116	1.110	1.115	1.118	1.115	1.113	1.131	1.139	1.121	1.121
	Max (m <sup>3</sup> /s)	1.140	1.140	1.150	1.140	1.150	1.130	1.130	1.120	1.120	1.240	1.150	1.130	1.240
	Min (m <sup>3</sup> /s)	1.090	1.100	1.090	1.090	1.090	1.070	1.110	1.110	1.110	1.110	1.130	1.100	1.070

		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	YEAR
YEAR : 2004 / 05	Volume (Mm <sup>3</sup> )	2.916	3.033	3.000	2.646	2.997	2.955	2.974	2.919	3.036	3.196	3.074	3.274	36.018
	Mean (m <sup>3</sup> /s)	1.125	1.132	1.120	1.094	1.119	1.140	1.110	1.126	1.134	1.193	1.186	1.222	1.142
	Max (m <sup>3</sup> /s)	1.180	1.150	1.160	1.110	1.150	1.210	1.170	1.180	1.240	1.260	1.220	1.280	1.280
	Min (m <sup>3</sup> /s)	1.100	1.120	1.100	1.070	1.080	1.060	1.080	1.090	1.110	1.140	1.170	1.180	1.060