

# STATION DESCRIPTION

RIVER : Baie Du Cap

CATCHMENT CODE : Q

STATION CODE : Q01

LOCATION : Chamarel

GRID REF. Easting : 985,170  
Northing : 972,850

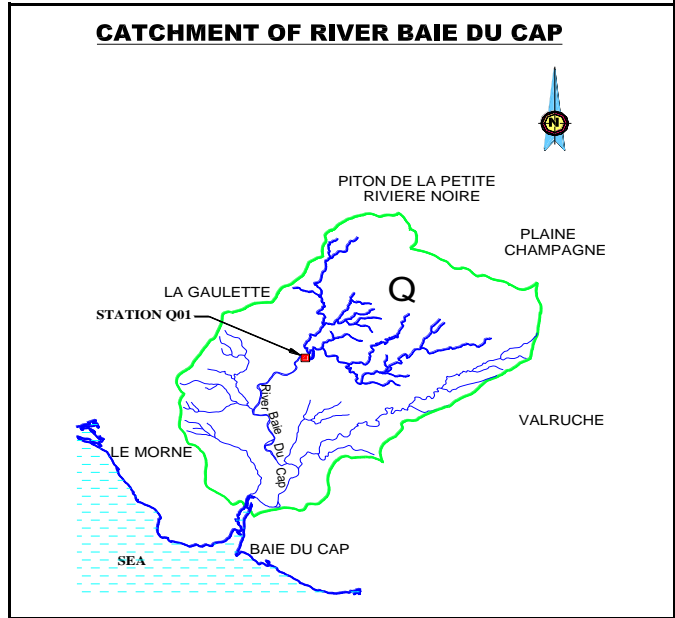
ELEVATION : 240  
(m) (a.m.s.l)

MAXIMUM ELEVATION : 828  
(m) (a.m.s.l)

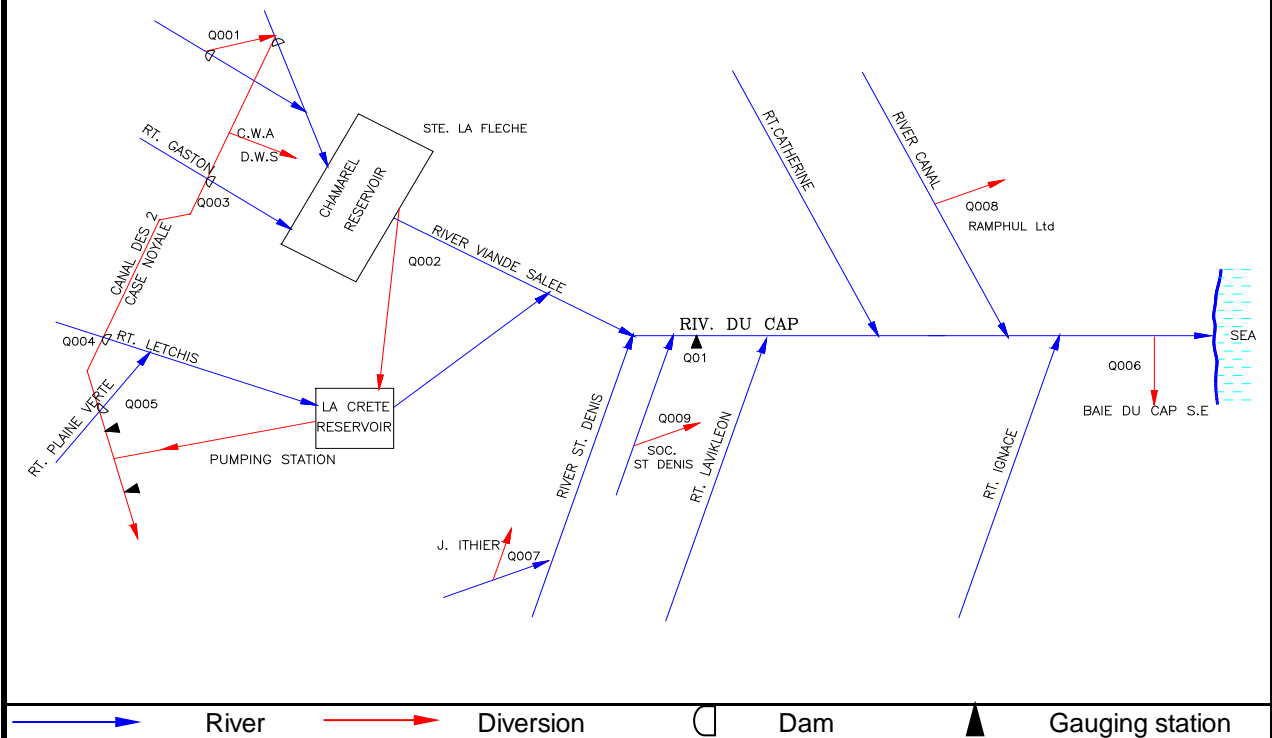
CATCHMENT AREA (Km<sup>2</sup>)  
At Station : 17.96  
At Sea : 40.40

EQUIPMENT : 2 Sharp crests in a broad crested weir with a 3 ft staff gauge.  
: Leupold and Stevens Type A71 strip chart water level recorder.

RECORD : Since November 1967



## SCHEMATIC DIAGRAM OF RIVER BAIE DU CAP



		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	YEAR
YEAR : 1999 / 00	Volume (Mm <sup>3</sup> )	0.326	0.359	1.595	2.206	0.956	0.721	0.394	0.381	0.675	1.211	0.695	0.527	10.046
	Mean (m <sup>3</sup> /s)	0.126	0.134	0.596	0.880	0.357	0.278	0.147	0.147	0.252	0.452	0.268	0.197	0.318
	Max (m <sup>3</sup> /s)	0.144	0.180	9.820	6.740	0.884	0.497	0.224	0.475	0.446	2.840	0.355	0.269	9.820
	Min (m <sup>3</sup> /s)	0.108	0.127	0.136	0.291	0.245	0.187	0.127	0.108	0.157	0.156	0.221	0.187	0.108
	Abs.Peak (m <sup>3</sup> /s)	0.156	0.232	26.700	15.100	1.700	0.872	0.269	0.940	0.779	5.320	0.385	0.306	26.700

		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	YEAR
YEAR : 2000 / 01	Volume (Mm <sup>3</sup> )	0.401	0.364	1.016	1.355	0.758	2.607	0.853	0.829	0.992	1.907	0.877	0.562	12.521
	Mean (m <sup>3</sup> /s)	0.155	0.136	0.379	0.560	0.283	1.006	0.318	0.320	0.371	0.712	0.338	0.210	0.397
	Max (m <sup>3</sup> /s)	0.229	0.292	1.280	1.440	0.381	4.570	0.543	0.555	0.474	4.050	2.620	0.330	4.570
	Min (m <sup>3</sup> /s)	0.127	0.099	0.094	0.331	0.232	0.221	0.232	0.232	0.306	0.244	0.221	0.173	0.094
	Abs.Peak (m <sup>3</sup> /s)	0.269	0.456	8.040	10.500	0.719	9.660	0.779	1.120	0.634	8.750	20.100	0.345	20.100

		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	YEAR
YEAR : 2001 / 02	Volume (Mm <sup>3</sup> )	0.395	0.427	4.795	0.976	0.778	1.088	0.724	1.464	0.930	N.A	N.A	0.475	12.050
	Mean (m <sup>3</sup> /s)	0.152	0.159	1.790	0.403	0.290	0.420	0.270	0.565	0.347	N.A	N.A	0.177	0.382
	Max (m <sup>3</sup> /s)	0.195	0.210	24.300	0.604	0.436	2.510	0.362	5.460	0.563	N.A	N.A	0.390	24.300
	Min (m <sup>3</sup> /s)	0.111	0.104	0.173	0.228	0.217	0.198	0.232	0.232	0.262	N.A	N.A	0.173	0.104
	Abs.Peak (m <sup>3</sup> /s)	0.269	0.399	52.300	0.810	0.779	9.940	0.518	54.800	1.700	N.A	N.A	0.609	54.800

		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	YEAR
YEAR : 2002 / 03	Volume (Mm <sup>3</sup> )	0.461	0.781	0.886	2.560	1.101	1.480	3.775	0.895	2.583	2.060	1.277	0.638	18.497
	Mean (m <sup>3</sup> /s)	0.178	0.292	0.331	1.058	0.411	0.571	1.409	0.345	0.964	0.769	0.493	0.238	0.587
	Max (m <sup>3</sup> /s)	0.328	1.330	1.740	9.470	1.110	2.120	10.600	0.819	2.240	1.320	1.280	0.332	10.600
	Min (m <sup>3</sup> /s)	0.118	0.123	0.136	0.215	0.256	0.238	0.356	0.232	0.331	0.439	0.338	0.178	0.118
	Abs.Peak (m <sup>3</sup> /s)	0.442	4.560	15.400	36.200	3.450	8.040	34.300	2.170	2.740	4.390	3.450	0.345	36.200

		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	YEAR
YEAR : 2003 / 04	Volume (Mm <sup>3</sup> )	0.454	0.401	1.028	1.891	3.063	2.934	3.330	1.680	1.550	0.679	0.506	0.338	17.853
	Mean (m <sup>3</sup> /s)	0.175	0.150	0.384	0.755	1.144	1.132	1.243	0.648	0.579	0.253	0.195	0.126	0.565
	Max (m <sup>3</sup> /s)	0.303	0.181	0.948	2.120	4.760	6.260	4.570	2.230	1.400	0.342	0.263	0.185	6.260
	Min (m <sup>3</sup> /s)	0.123	0.127	0.177	0.415	0.503	0.457	0.605	0.341	0.322	0.223	0.127	0.095	0.095
	Abs.Peak (m <sup>3</sup> /s)	0.442	0.232	4.560	9.660	37.100	31.600	10.100	4.730	3.710	0.399	0.345	0.232	37.100

		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	YEAR
YEAR : 2004 / 05	Volume (Mm <sup>3</sup> )	0.422	0.447	0.435	1.971	7.878	2.074	1.069	0.814	1.618	0.761	2.091	0.958	20.538
	Mean (m <sup>3</sup> /s)	0.163	0.167	0.162	0.815	2.941	0.800	0.399	0.314	0.604	0.284	0.807	0.358	0.651
	Max (m <sup>3</sup> /s)	0.392	0.499	0.519	4.810	16.300	1.820	0.983	0.545	3.430	0.513	4.030	0.748	16.300
	Min (m <sup>3</sup> /s)	0.091	0.097	0.104	0.140	0.271	0.357	0.306	0.244	0.232	0.220	0.339	0.224	0.091
	Abs.Peak (m <sup>3</sup> /s)	0.660	1.700	1.830	13.900	75.000 *	4.390	2.210	0.810	12.900	2.860	11.800	3.230	75.000

\* generated values

▪ Estimated

N.A Not available