

# Q9H012Q01: SODIUM At Brandt Legte Piggots Bridge on Groot-Visrivier... 1998-01-01 to 2007-12-31

Flow data: /hri/db/wqs/db/flow/q9h012a01	Year	n Obs	Mean m3/d	Method1 kg	Method4 kg
Chem data: /hri/db/wmq/wmdata/wq/MACRO080815.dat	1998	28	624791	44284718	46699677
3642 loads calculated: Log flow range = 5.09 to 7.90	1999	29	472457	39079602	34046222
Method 1: Sum(q*c)/n = 149505 kg SODIUM/ day	2000	26	1139218	51661874	92109024
Method 2: (q_avg*c_sum)/n = 166663 kg SODIUM/ day	2001	26	756729	60919924	57996350
Method 3: (q_avg*Sum(q*c))/n = 149505 kg SODIUM/ day	2002	9	701848	42948872	53263239
Regression: logc=(0.131*logq)+(1.636) r^2=0.06	2003	11	570798	53162960	42162722
Method 4: (Sum(q*c)/n)*(n*q_avg/Sum(q))^(slope+1) = 149505 kg SODIUM/ day	2004	20	635650	43240614	47618514
	2005	25	679904	47230659	51384032
	2006	25	1022256	49672518	81489599
	2007	23	566573	41265085	41809996

