

Q9H018Q01: SODIUM At Matomelas Reserve Outspan on Groot-Visrivier... 1998-01-01 to 2007-12-31

Flow data: /hri/db/iwqs/db/flow/q9h018a01	Year	n Obs	Mean m3/d	Method1	Method 4
Chem data: /hri/db/wmq/wmdata/wq/MACRO080815.dat	1998	27	744079	55975754	51651210
3627 loads calculated: Log flow range = 4.96 to 7.80	1999	33	651810	54779063	46887858
Method 1: Sum(q*c)/n = 194601 kg SODIUM/ day	2000	26	2046907	81423828	108206645
Method 2: (q_avg*c_sum)/n = 255051 kg SODIUM/ day	2001	27	1178649	67038061	72288610
Method 3: (q_avg*Sum(q*c))/n = 197514 kg SODIUM/ day	2002	15	1624865	98589516	91404635
Regression: logc=(-0.269*logq)+(3.816) r^2=0.16	2003	15	654435	50017982	47025763
Method 4: (Sum(q*c)/n)*(n*q_avg/Sum(q))^(slope+1) = 196725 kg SODIUM/ day	2004	22	866095	47005360	57713098
	2005	29	1188582	65383320	72733327
	2006	25	1781261	51456065	97754074
	2007	22	822708	65781046	55585658

