

H7H006Q01: SODIUM At Swellendam on Bree River... 1998-01-01 to 2007-12-31

Flow data: /hri/db/iwqs/db/flow/h7h006q01	Year	n Obs	Mean m3/d	Method1	Method 4
Chem data: /hri/db/wmrq/wmdata/wq/MACRO080815.dat	1998	11	2602265	40971129	67513592
3591 loads calculated: Log flow range = 3.27 to 8.03	1999	9	1870194	30573966	52828257
Method 1: Sum(q*c)/n = 167724 kg SODIUM/ day	2000	8	1447662	26019182	43680141
Method 2: (q_avg*c_sum)/n = 244893 kg SODIUM/ day	2001	5	3426710	49693804	82821119
Method 3: (q_avg*Sum(q*c))/n = 168837 kg SODIUM/ day	2002	7	2875454	31493859	72708125
Regression: logc=(-0.257*logq)+(3.553) r^2=0.64	2003	4	1571585	7471919	46426960
Method 4: (Sum(q*c)/n)*(n*q_avg/Sum(q))^(slope+1) = 168549 kg SODIUM/ day	2004	5	756873	20670650	26987261
	2005	9	2022521	40242761	55990805
	2006	9	2766744	59398015	70656991
	2007	9	3883347	112703835	90882674

