

V1H001Q01: SODIUM Tugela River at Tugela Drift/Colenso... 1998-01-01 to 2007-12-31

Flow data: /hri/db/iwqs/db/flow/v1h001a01	Year	n Obs	Mean m3/d	Method1 kg	Method4 kg
Chem data: /hri/db/wmrq/wmdata/wq/MACRO080815.dat	1998	9	1108430	3103841	2230742
3607 loads calculated: Log flow range = 3.56 to 7.94	1999	12	1201788	1676216	2375223
Method 1: Sum(q*c)/n = 9537 kg SODIUM/ day	2000	11	3641240	4869207	5614626
Method 2: (q_avg*c_sum)/n = 11009 kg SODIUM/ day	2001	13	2337818	3760828	3980843
Method 3: (q_avg*Sum(q*c))/n = 9609 kg SODIUM/ day	2002	10	1735389	1122625	3158938
Regression: logc=(-0.224*logq)+(2.066) r^2=0.1	2003	3	608942	2018852	1401422
Method 4: (Sum(q*c)/n)*(n*q_avg/Sum(q))^(slope+1) = 9593 kg SODIUM/ day	2004	7	1373246	444232	2634237
	2005	13	2343493	3453094	3988341
	2006	10	4549135	3953266	6673455
	2007	12	696476	1524819	1555382

