

D1H009Q01: SODIUM Orange River at Oranjedraai... 1998-01-01 to 2007-12-31

Flow data: /hri/db/iwqs/db/flow/d1h009q01	Year	n Obs	Mean m3/d	Method1	Method 4
Chem data: /hri/db/wmrq/wmdata/wq/MACRO080815.dat	1998	26	13187996	17321937	22477746
3620 loads calculated: Log flow range = 4.76 to 8.38	1999	23	4685734	5418351	8713460
Method 1: Sum(q*c)/n = 49345 kg SODIUM/ day	2000	23	12111298	20452839	20791173
Method 2: (q_avg*c_sum)/n = 51987 kg SODIUM/ day	2001	39	18265482	26846323	30289699
Method 3: (q_avg*Sum(q*c))/n = 49449 kg SODIUM/ day	2002	19	15264645	42325903	25698831
Regression: logc=(-0.084*logq)+(1.224) r^2=0.5	2003	8	5176476	20766082	9545641
Method 4: (Sum(q*c)/n)*(n*q_avg/Sum(q))^(slope+1) = 49441 kg SODIUM/ day	2004	2	6685253	1742529	12065230
	2005	7	5384096	14121380	9895682
	2006	19	19327933	25416463	31899346
	2007	20	3361333	5485915	6427936

