

H5H004Q01: SODIUM Bree River at Wolvendrift/Secunda... 1998-01-01 to 2007-12-31

Flow data: /hri/db/iwqs/db/flow/h5h004q01	Year	n Obs	Mean m3/d	Method1	Method 4
Chem data: /hri/db/wmrq/wmdata/wq/MACRO080815.dat	1998	43	1502701	27741782	37133481
3632 loads calculated: Log flow range = 3.05 to 7.72	1999	37	1514625	19181041	37289888
Method 1: Sum(q*c)/n = 105074 kg SODIUM/ day	2000	33	1077261	16849088	31109632
Method 2: (q_avg*c_sum)/n = 240099 kg SODIUM/ day	2001	18	2624757	19620512	49954386
Method 3: (q_avg*Sum(q*c))/n = 105039 kg SODIUM/ day	2002	16	2293956	17047931	46500953
Regression: logc=(-0.468*logq)+(4.705) r^2=0.89	2003	10	759023	19537058	25824265
Method 4: (Sum(q*c)/n)^(n*q_avg/Sum(q))^(slope+1) = 105055 kg SODIUM/ day	2004	20	527498	16562440	21280761
	2005	22	1342422	19006227	34971714
	2006	25	1827292	31553304	41203427
	2007	24	2692335	32593734	50634265

