

Q3H005Q01: SODIUM At Rietfontyn Waaikraal on Groot-Visrivier... 1998-01-01 to 2007-12-31

Flow data: /hri/db/iwqs/db/flow/q3h005q01	Year	n Obs	Mean m3/d	Method1	Method 4
Chem data: /hri/db/wmrq/wmdata/wq/MACRO080815.dat	1998	24	1463729	20783984	26425455
3641 loads calculated: Log flow range = 5.09 to 7.01	1999	28	1449591	22128560	26299685
Method 1: Sum(q*c)/n = 73882 kg SODIUM/ day	2000	24	1241629	21024625	24372104
Method 2: (q_avg*c_sum)/n = 85918 kg SODIUM/ day	2001	22	1480801	26797350	26576503
Method 3: (q_avg*Sum(q*c))/n = 74019 kg SODIUM/ day	2002	13	1610899	23831285	27699630
Regression: logc=(-0.508*logq)+(4.729) r^2=0.7	2003	16	1617887	23792639	27758632
Method 4: (Sum(q*c)/n)*(n*q_avg/Sum(q))^(slope+1) = 73949 kg SODIUM/ day	2004	19	1720311	29053772	28608938
	2005	24	1554309	21510517	27216988
	2006	25	1688919	25651940	28351133
	2007	24	1475159	22534015	26526681

