

A2H027Q01: SODIUM Pienaars River at Baviaanspoort... 1975-01-01 to 1995-12-31

Year	n Obs	Mean m3/d	SODIUM kg Obs	Method 4
Using flow file /hri/db/wqs/db/flow/a2h027a01				
Using chem file /hri/db/wmrq/wmdata/wq/MACRO080815.dat				
7392 loads calculated: Log flow range = 3.63 to 6.73 .				
Method 1: Sum(q*c)/n = 1748 kg SODIUM/ day				
Method 2: (q_avg*c_sum)/n = 2450 kg SODIUM/ day				
Method 3: (q_avg*Sum(q*c))/n = 1739 kg SODIUM/ day				
Regression: logc=(-0.446*logq)+(3.724) r^2=0.45				
Method 4: (Sum(q*c)/n)*(n*q_avg/Sum(q))^(slope+1) = 1743 kg SODIUM/ day				
Year	n Obs	Mean m3/d	SODIUM kg Obs	Method 4
1984	328	18481	300345	364990
1985	341	32358	305501	497777
1986	338	31616	397708	491427
1987	213	46104	314553	605640
1988	324	32898	487653	502366
1989	356	53802	728740	659723
1990	3	45311	6571	599845
1991	0	77630	NoData	808292
1992	8	26977	11877	450068
1993	33	41374	59466	570389
1994	51	46786	97387	610586
1995	51	45921	105239	604306

