

H4H017Q01: SODIUM Bree River at La Chasseur... 1998-01-01 to 2007-12-31

Flow data: /hri/db/wqs/db/flow/h4h017a01	Year	n Obs	Mean m3/d	Method1	Method 4
Chem data: /hri/db/wmrq/wmdata/wq/MACRO080815.dat	1998	43	1928583	16587440	16585086
3626 loads calculated: Log flow range = 4.53 to 7.91	1999	37	1845696	10165054	15946222
Method 1: $\text{Sum}(q^*c)/n = 47114 \text{ kg SODIUM/ day}$	2000	33	1453063	10408112	12875696
Method 2: $(q_avg*c_sum)/n = 53061 \text{ kg SODIUM/ day}$	2001	22	3724123	16081462	29872460
Method 3: $(q_avg*\text{Sum}(q*c))/n = 47514 \text{ kg SODIUM/ day}$	2002	16	2945521	10988484	24220592
Regression: $\text{log}c = (-0.106*\text{log}q) + (1.969)$ $r^2 = 0.03$	2003	12	941013	9842551	8730573
Method 4: $(\text{Sum}(q*c)/n)^{(n*q_avg/\text{Sum}(q))^{(\text{slope}+1)}} = 47472 \text{ kg SODIUM/ day}$	2004	21	877955	6033902	8205521
	2005	24	1848389	7635076	15967021
	2006	24	1721316	8482757	14981786
	2007	24	3220812	12615262	26235123

