

# A2H012Q01: SODIUM ... 1998-01-01 to 2007-12-31

Flow data: /hri/db/iwqs/db/flow/a2h012a01	Year	n Obs	Mean m3/d	Method1 kg	Method4 kg
Chem data: /hri/db/wmrq/wmdata/wq/MACRO080815.dat	1998	48	744644	10442604	12921352
3636 loads calculated: Log flow range = 5.17 to 7.78 .	1999	51	598458	11154320	10760464
Method 1: Sum(q*c)/n = 41131 kg SODIUM/ day	2000	52	1508448	17643686	23335876
Method 2: (q_avg*c_sum)/n = 38017 kg SODIUM/ day	2001	50	611900	8420092	10962473
Method 3: (q_avg*Sum(q*c))/n = 36357 kg SODIUM/ day	2002	51	410630	5998575	7849732
Regression: logc=(-0.163*logq)+(2.695) r^2=0.16	2003	52	376702	21310818	7302867
Method 4: (Sum(q*c)/n)*(n*q_avg/Sum(q))^(slope+1) = 37094 kg SODIUM/ day	2004	31	723772	18587639	12617388
	2005	26	741423	11560301	12874540
	2006	25	1177951	15837317	18970998
	2007	26	899412	19016245	15134885

