

# D3H013Q01: SODIUM ... 1998-01-01 to 2007-12-31

Flow data: /hri/db/iwqs/db/flow/d3h013a01	Year	n Obs	Mean m3/d	Method1	Method 4
Chem data: /hri/db/wmrq/wmdata/wq/MACRO080815.dat	1998	25	15459969	28220170	31298086
3592 loads calculated: Log flow range = 6.06 to 8.14	1999	23	6896334	14321480	14033112
Method 1: $\text{Sum}(q^*c)/n = 77283 \text{ kg SODIUM/ day}$	2000	23	12547900	22088235	25436410
Method 2: $(q\_avg*c\_sum)/n = 79717 \text{ kg SODIUM/ day}$	2001	45	24245866	44887943	48944703
Method 3: $(q\_avg*\text{Sum}(q^*c))/n = 77283 \text{ kg SODIUM/ day}$	2002	13	22717029	40045260	45877440
Regression: $\text{logc} = (-0.006*\text{logq}) + (0.893) \quad r^2 = 0$	2003	7	6880278	16905954	14000648
Method 4: $(\text{Sum}(q^*c)/n)^{(n*q\_avg/\text{Sum}(q))^{(\text{slope}+1)}} = 77283 \text{ kg SODIUM/ day}$	2004	6	6623243	16504892	13480867
	2005	12	8099830	18929200	16465235
	2006	36	24529280	37265541	49513172
	2007	44	11042332	28667168	22402583

