

D3H008Q01: SODIUM At Marksdrift on Orange River... 1998-01-01 to 2007-12-31

Flow data: /hri/db/iwqs/db/flow/d3h008a01	Year	n Obs	Mean m3/d	Method1	Method 4
Chem data: /hri/db/wmrq/wmdata/wq/MACRO080815.dat	1998	47	13948348	32668093	36149044
3438 loads calculated: Log flow range = 6.36 to 8.05	1999	50	5660532	19786216	17299091
Method 1: Sum(q*c)/n = 86929 kg SODIUM/ day	2000	45	8395079	28049812	23872799
Method 2: (q_avg*c_sum)/n = 104548 kg SODIUM/ day	2001	53	20622797	51845260	49759910
Method 3: (q_avg*Sum(q*c))/n = 86399 kg SODIUM/ day	2002	39	23757603	61962272	55860056
Regression: logc=(-0.183*logq)+(2.247) r^2=0.55	2003	46	6188734	18231575	18607403
Method 4: (Sum(q*c)/n)*(n*q_avg/Sum(q))^(slope+1) = 86496 kg SODIUM/ day	2004	51	4752176	17024633	14994916
	2005	49	4620639	15620642	14654864
	2006	45	20103269	50496082	48733114
	2007	21	8053189	26656155	23075284

