

D8H004Q01: SODIUM Orange River at Onseepkans... 1998-01-01 to 2007-12-31

Flow data: /hri/db/iwqs/db/flow/d8h004q01	Year	n Obs	Mean m3/d	Method1	Method 4
Chem data: /hri/db/wmrq/wmdata/wq/MACRO080815.dat	1998	49	11780574	83571661	101118220
834 loads calculated: Log flow range = 6.08 to 8.22	1999	28	4108534	45961143	44162815
Method 1: $\text{Sum}(q^*c)/n = 279215 \text{ kg SODIUM/ day}$	2000	8	37280296	496131626	250199962
Method 2: $(q_avg*c_sum)/n = 306311 \text{ kg SODIUM/ day}$	2001		No flow		
Method 3: $(q_avg*\text{Sum}(q^*c))/n = 279215 \text{ kg SODIUM/ day}$	2002		No flow		
Regression: $\log c = (-0.214 * \log q) + (3.035)$ $r^2 = 0.27$	2003		No flow		
Method 4: $(\text{Sum}(q^*c)/n) * (n^*q_avg/\text{Sum}(q))^{(\text{slope}+1)} = 279215 \text{ kg SODIUM/ day}$	2004		No flow		
	2005		No flow		
	2006		No flow		
	2007		No flow		

