

# X2H036Q01: PO4(P) @ Komatipoort Kruger National Park on Komati River... 1998-01-01 to 2007-12-31

Flow data: /hri/db/iwqs/db/flow/x2h036q01	Year	n Obs	Mean m3/d	Method1	Method 4
Chem data: /hri/db/wmrq/wmdata/wq/MACRO080815.dat	1998	38	1883412	17485	27031
3592 loads calculated: Log flow range = 3.01 to 7.68	1999	35	3527588	28856	49893
Method 1: $\text{Sum}(q^*c)/n = 181 \text{ kg PO4(P)/ day}$	2000	31	2333672	218243	315801
Method 2: $(q\_avg^*c\_sum)/n = 66 \text{ kg PO4(P)/ day}$	2001	51	15374061	271619	210109
Method 3: $(q\_avg^*\text{Sum}(q^*c))/n = 78 \text{ kg PO4(P)/ day}$	2002	49	1487250	15543	21463
Regression: $\log c = (-0.023 * \log q) + (-1.417)$ $r^2 = 0$	2003	48	235037	3161	3541
Method 4: $(\text{Sum}(q^*c)/n)^{(n^*q\_avg/\text{Sum}(q))^{(\text{slope}+1)}} = 80 \text{ kg PO4(P)/ day}$	2004	49	1087331	10614	15807
	2005	39	276358	3975	4148
	2006	25	3879043	33457	54743
	2007	24	484103	8725	7172

