

W1H009Q01: PO4(P) Mhlatuze River at Riverview 11459... 1998-01-01 to 2007-12-31

Flow data: /hri/db/wqs/db/flow/w1h009a01	Year	n Obs	Mean m3/d	Method1	Method 4
Chem data: /hri/db/wmrq/wmdata/wq/MACRO080815.dat	1998	10	255864	3170	4084
3597 loads calculated: Log flow range = 4.09 to 7.62	1999	10	250322	2133	4039
Method 1: $\text{Sum}(q^*c)/n = 14 \text{ kg PO4(P)/ day}$	2000	13	905319	8752	7693
Method 2: $(q\_avg * c\_sum)/n = 13 \text{ kg PO4(P)/ day}$	2001	13	522998	12662	5844
Method 3: $(q\_avg * \text{Sum}(q^*c))/n = 14 \text{ kg PO4(P)/ day}$	2002	14	579944	5320	6154
Regression: $\log c = (-0.499 * \log q) + (1.217)$ $r^2 = 0.4$	2003	12	220711	2174	3792
Method 4: $(\text{Sum}(q^*c)/n) * (n^*q\_avg / \text{Sum}(q))^{(\text{slope}+1)} = 14 \text{ kg PO4(P)/ day}$	2004	13	279669	2797	4270
	2005	12	218168	3249	3770
	2006	12	274236	1445	4228
	2007	10	281553	3069	4285

