

# D8H003Q01: PO4(P) At Violsdrift on Orange... 1998-01-01 to 2007-12-31

Flow data: /hri/db/wqqs/db/flow/d8h003a01	Year	n Obs	Mean m3/d	Method1	Method 4
Chem data: /hri/db/wmq/wmdata/wq/MACRO080815.dat	1998	50	18155058	266552	154257
3308 loads calculated: Log flow range = 5.05 to 8.24	1999	48	5116204	51707	1800949
Method 1: Sum(q*c)/n = 533 kg PO4(P)/ day	2000	40	26044310	435950	76590
Method 2: (q_avg*c_sum)/n = 414 kg PO4(P)/ day	2001	45	25561387	381332	79423
Method 3: (q_avg*Sum(q*c))/n = 503 kg PO4(P)/ day	2002	34	29381452	164847	60615
Regression: logc = (-2.94*logq) + (20.253) r^2 = 0.1	2003	52	2840165	17572	5642188
Method 4: (Sum(q*c)/n) * (n*q_avg/Sum(q))^(slope+1) = 597 kg PO4(P)/ day	2004	52	2491182	14774	7276524
	2005	53	2073351	20870	10390313
	2006	52	32470627	324101	49927
	2007	5	4534409	235275	2276278

