

# D3H008Q01: PO4(P) 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	100736	172423
3438 loads calculated: Log flow range = 6.36 to 8.05	1999	50	5660532	50558	63815
Method 1: Sum(q*c)/n = 396 kg PO4(P)/ day	2000	45	8395079	117261	98532
Method 2: (q_avg*c_sum)/n = 335 kg PO4(P)/ day	2001	53	20622797	401373	265317
Method 3: (q_avg*Sum(q*c))/n = 394 kg PO4(P)/ day	2002	39	23757603	401036	310096
Regression: logc=(0.102*logq)+(-2.304) r^2=0.01	2003	46	6188734	34493	70409
Method 4: (Sum(q*c)/n)*(n*q_avg/Sum(q))^(slope+1) = 394 kg PO4(P)/ day	2004	51	4752176	31838	52626
	2005	49	4620639	32253	51023
	2006	45	20103269	233382	257960
	2007	21	8053189	93168	94118

