

G1H031Q01: SODIUM At Misverstand Die Brug on Bergrivier... 1998-01-01 to 2007-12-31

Flow data: /hri/db/iwqs/db/flow/g1h031a01	Year	n Obs	Mean m3/d	Method1	Method 4
Chem data: /hri/db/wmrq/wmdata/wq/MACRO080815.dat	1998	43	660955	7757955	11680770
3634 loads calculated: Log flow range = 1.93 to 7.92	1999	44	1074480	15108604	20351967
Method 1: Sum(q*c)/n = 58183 kg SODIUM/ day	2000	41	447775	4020392	7485670
Method 2: (q_avg*c_sum)/n = 40590 kg SODIUM/ day	2001	19	2501627	77935140	53456006
Method 3: (q_avg*Sum(q*c))/n = 59020 kg SODIUM/ day	2002	22	1261674	35196116	24451570
Regression: logc=(0.143*logq)+(0.864) r^2=0.34	2003	26	297261	7433786	4687319
Method 4: (Sum(q*c)/n)*(n*q_avg/Sum(q))^(slope+1) = 59141 kg SODIUM/ day	2004	26	368820	3207778	5997448
	2005	25	1146149	6569347	21910401
	2006	25	1223399	33814483	23605807
	2007	26	2345516	46637876	49661481

