

A2H028Q01: SODIUM At Kameeldrift on Hartbeesspruit... 1975-01-01 to 1995-12-31

Year	n Obs	Mean m3/d	SODIUM kg Obs	Method 4
Using flow file /hri/db/wqs/db/flow/a2h028a01				
Using chem file /hri/db/wmq/wmdata/wq/MACRO080815.dat				
7175 loads calculated: Log flow range = 1.93 to 6.41				
Method 1: Sum(q*c)/n = 588 kg SODIUM/ day				
Method 2: (q_avg*c_sum)/n = 748 kg SODIUM/ day				
Method 3: (q_avg*Sum(q*c))/n = 585 kg SODIUM/ day				
Regression: logc=(-0.147*logq)+(1.729) r^2=0.26				
Method 4: (Sum(q*c)/n)*(n*q_avg/Sum(q))^(slope+1) = 586 kg SODIUM/ day				
Year	n Obs	Mean m3/d	SODIUM kg Obs	Method 4
1984	119	11079	37507	100963
1985	145	27698	98591	220697
1986	192	27866	109177	221841
1987	104	20403	32704	170020
1988	250	18043	71562	153089
1989	282	32150	150227	250636
1990	3	20290	757	169217
1991	0	48344	NoData	355015
1992	3	5204	103	52979
1993	20	28262	11321	224525
1994	45	29198	9563	230856
1995	19	31033	9997	243187
1975	13	47618	12992	350461
1976	39	56293	59588	404268
1977	27	22358	24907	183833
1978	22	49757	62397	363851
1979	21	19050	22325	160346
1980	289	27115	187423	216728
1981	289	20630	148597	171635
1982	280	19026	129870	160179
1983	179	18180	78101	154077

