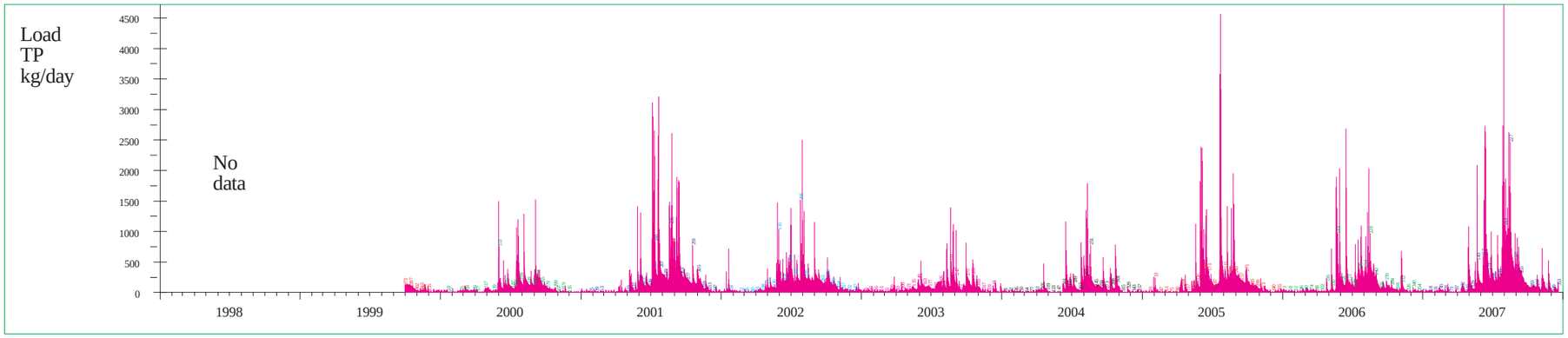
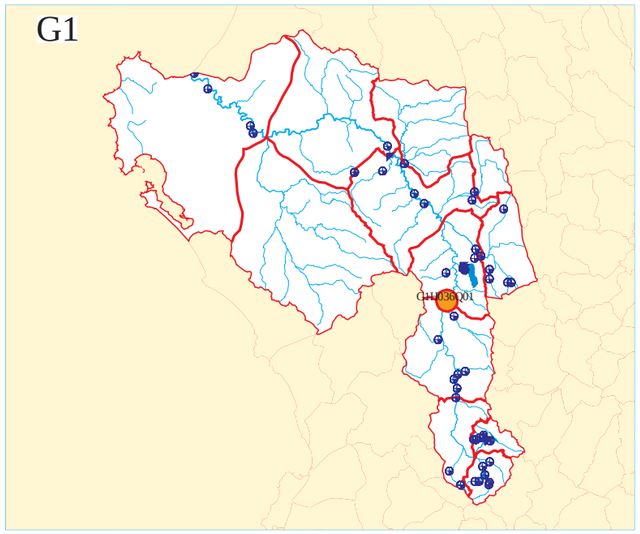
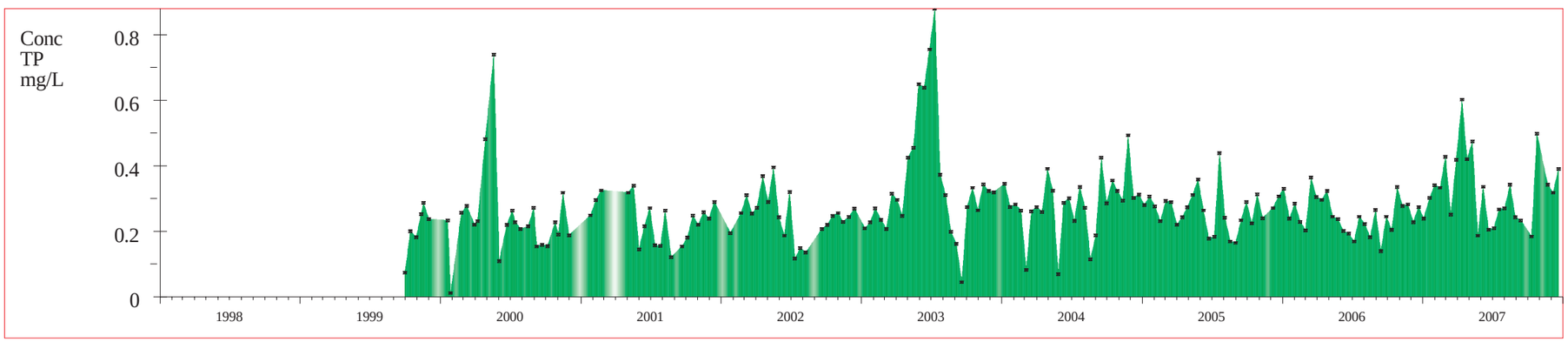
G1H036Q01: TP At Vleesbank Hermon Bridge on Bergrivier... 1998-01-01 to 2007-12-31

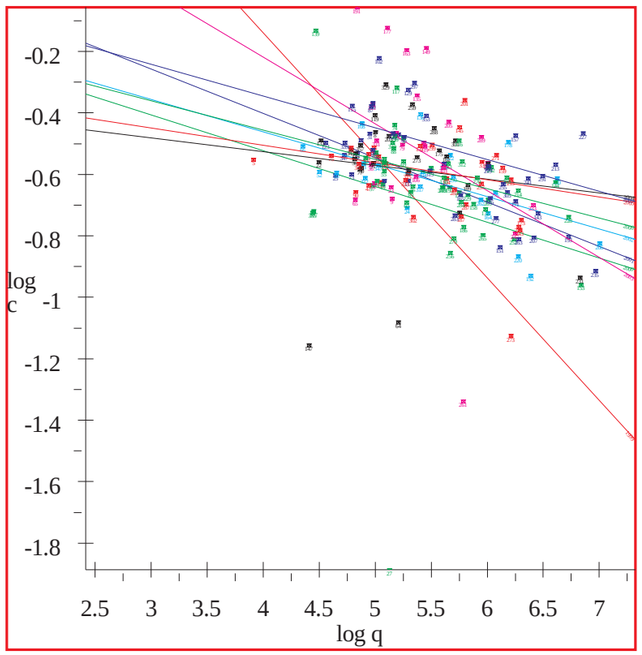
Flow data: /hri/db/iwqs/db/flow/g1h036a01
Chem data: /hri/db/wmrq/wmdata/wq/MACRO080815.dat
3003 loads calculated: Log flow range = 2.41 to 7.32 .
Method 1: Sum(q*c)/n = 185 kg TP/ day
Method 2: (q_avg*c_sum)/n = 231 kg TP/ day
Method 3: (q_avg*Sum(q*c))/n = 187 kg TP/ day
Regression: logc=(-0.103*logq)+(0.067) r^2=0.24
Method 4: (Sum(q*c)/n)*(n*q_avg/Sum(q))^(slope+1) = 187 kg TP/ day

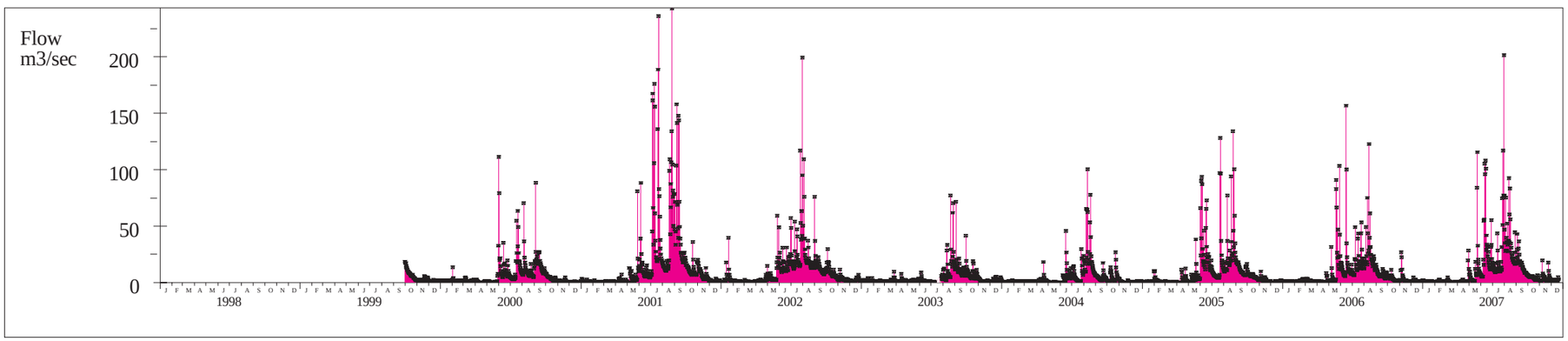
Year	n Obs	Mean m3/d	Method1	Method 4
1998		No flow		
1999	6	348734	24395	30920
2000	22	567462	40967	47851
2001	19	1593599	95588	120814
2002	21	961213	84944	76769
2003	25	431552	41273	37432
2004	26	457863	34002	39473
2005	25	896996	55375	72153
2006	26	820887	68037	66637
2007	24	1125043	111065	88408











Plotted on 2009-04-25 - 19:40:12 by Michael