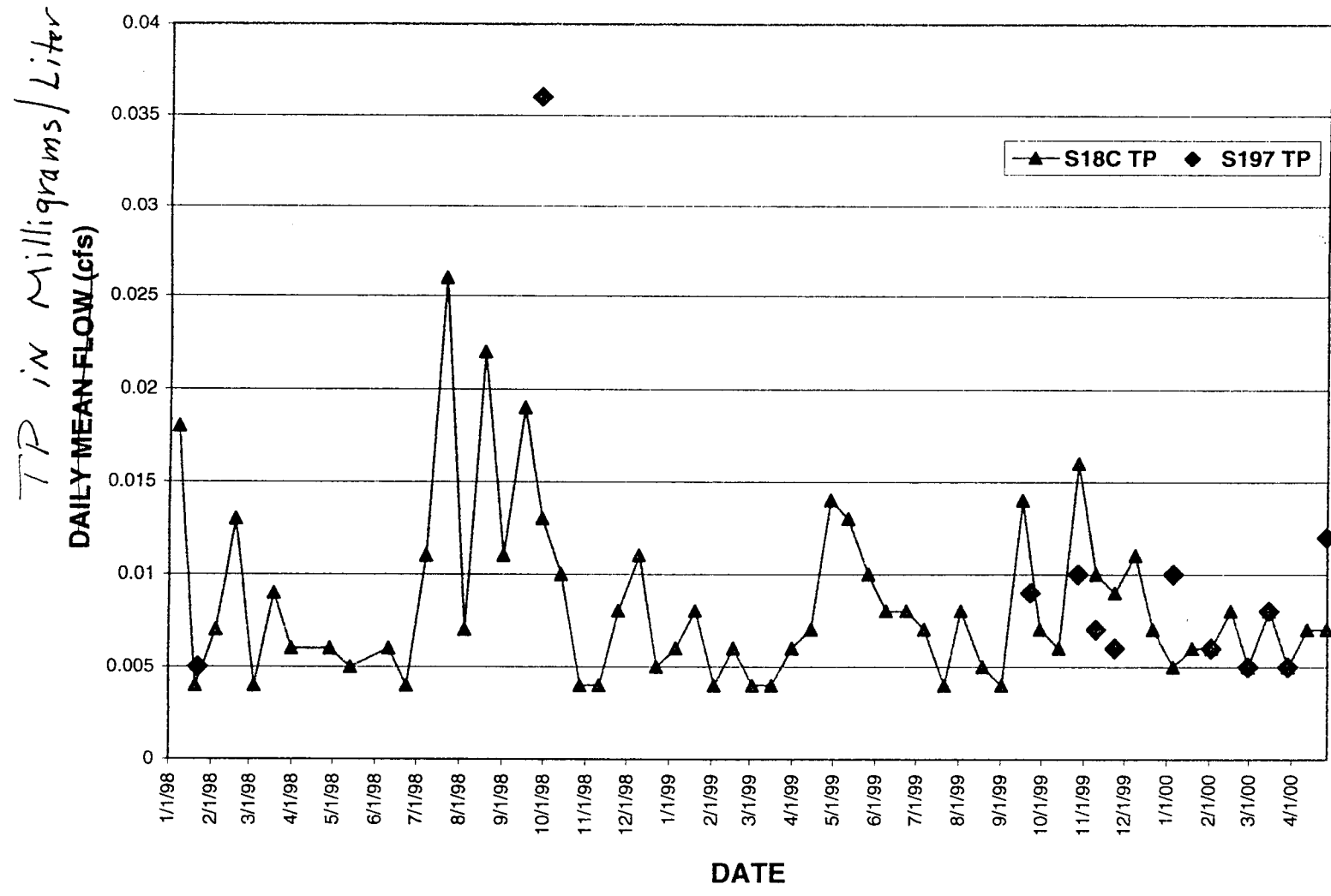
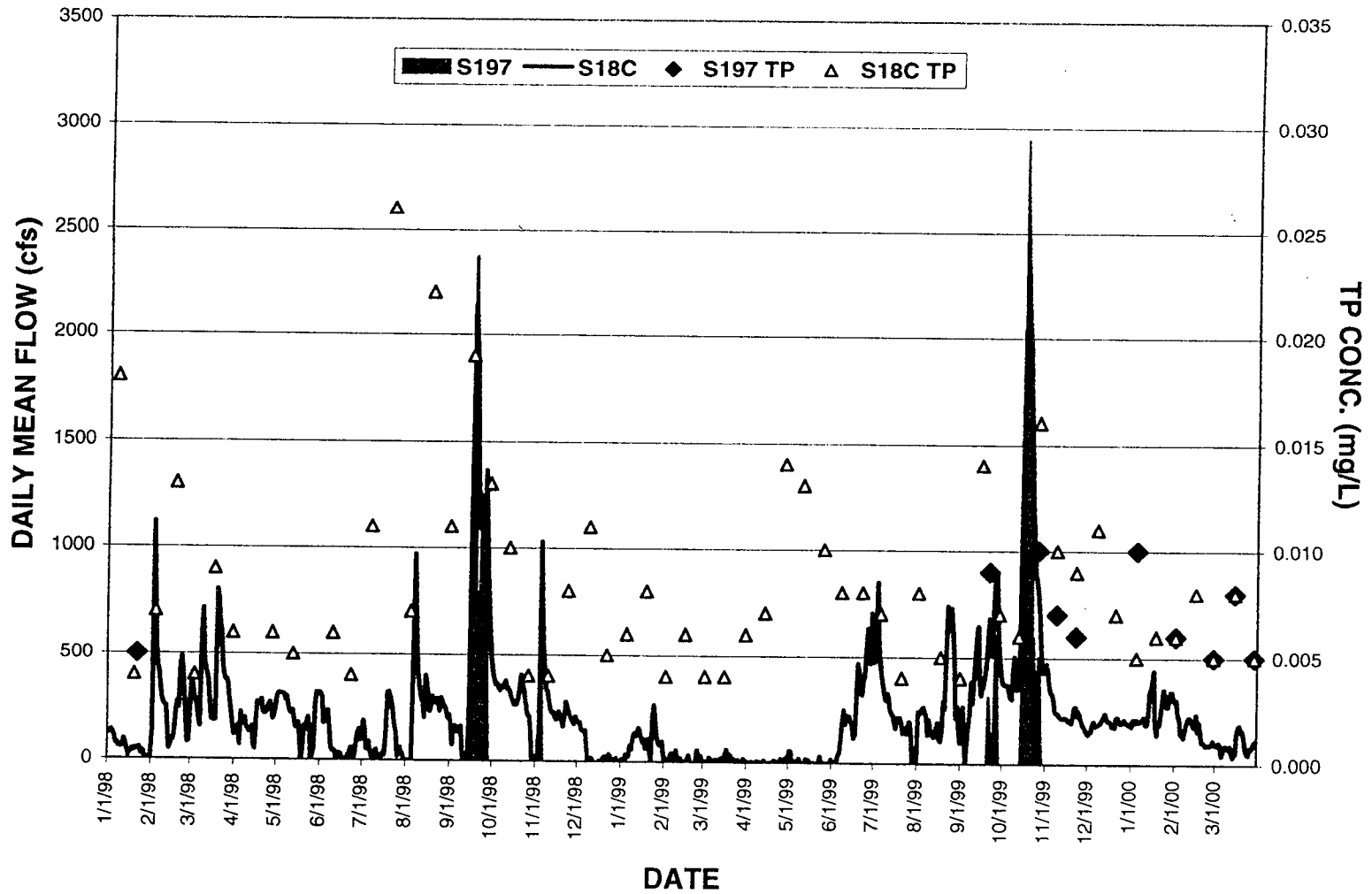


TP DATA TP DATA
 Comparison between S18C Flow and S197 Flow



Comparison between S18C and S197



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S197 Water Quality Summary for 1999.

Parameter	unit	sample n	first datum	last datum	minimum	maximum	average
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Physical

Dissolved Oxygen	mg/l	4	19990922	19991123	3.54	6.58	5.517
Field Specific Conductivity	umhos/cm	4	19990922	19991123	0.398	0.488	0.45
Field pH	SU	4	19990922	19991123	6.78	7.63	7.057
Turbidity	NTU	4	19990922	19991123	0.16	1.09	0.72
Hardness (as CaCO3)	mg CaCO3/l	2	19990922	19991027	192.898	214.061	203.479
Alkalinity (as CaCO3)	mg/l	4	19990922	19991123	157.5	188.8	178.35
Total Suspended Solids	mg/l	4	19990922	19991123	<0.003	<0.003	<0.003

Nutrients

Nitrate/Nitrite (as N)	mg/l	4	19990922	19991123	0.027	0.103	0.065
Ammonia (as N)	mg/l	4	19990922	19991123	0.025	0.12	0.061
Total Phosphorus	mg/l	4	19990922	19991123	0.006	0.01	0.008
Ortho-Phosphate (as P)	mg/l	4	19990922	19991123	<0.004	<0.004	<0.004
Dissolved Silica	mg/l	2	19990922	19991027	3.764	4.332	4.048

Major Ion

Dissolved Sodium	mg/l	2	19990922	19991027	16.187	20.265	18.226
Dissolved Potassium	mg/l	2	19990922	19991027	3.756	4.241	3.999
Dissolved Calcium	mg/l	2	19990922	19991027	70.289	77.708	73.999
Dissolved Magnesium	mg/l	2	19990922	19991027	4.224	4.865	4.544
Chlorides	mg/l	4	19990922	19991123	23.79	29.07	26.298
Sulfate	mg/l	2	19990922	19991027	7.7	10.44	9.07

Trace metal

Total Cadmium	ug/l	1	19990922	19990922	<0.3	<0.3	<0.3
Total Copper	ug/l	1	19990922	19990922	<1.2	<1.2	<1.2
Total Zinc	ug/l	1	19990922	19990922	<0.004	<0.004	<0.004
Total Iron	ug/l	2	19990922	19991027	85.82	145.049	115.434

Note: total flow for 1999: 296.203 cfs-d

Note: flow-weighted-mean for TP : 10 ppb

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