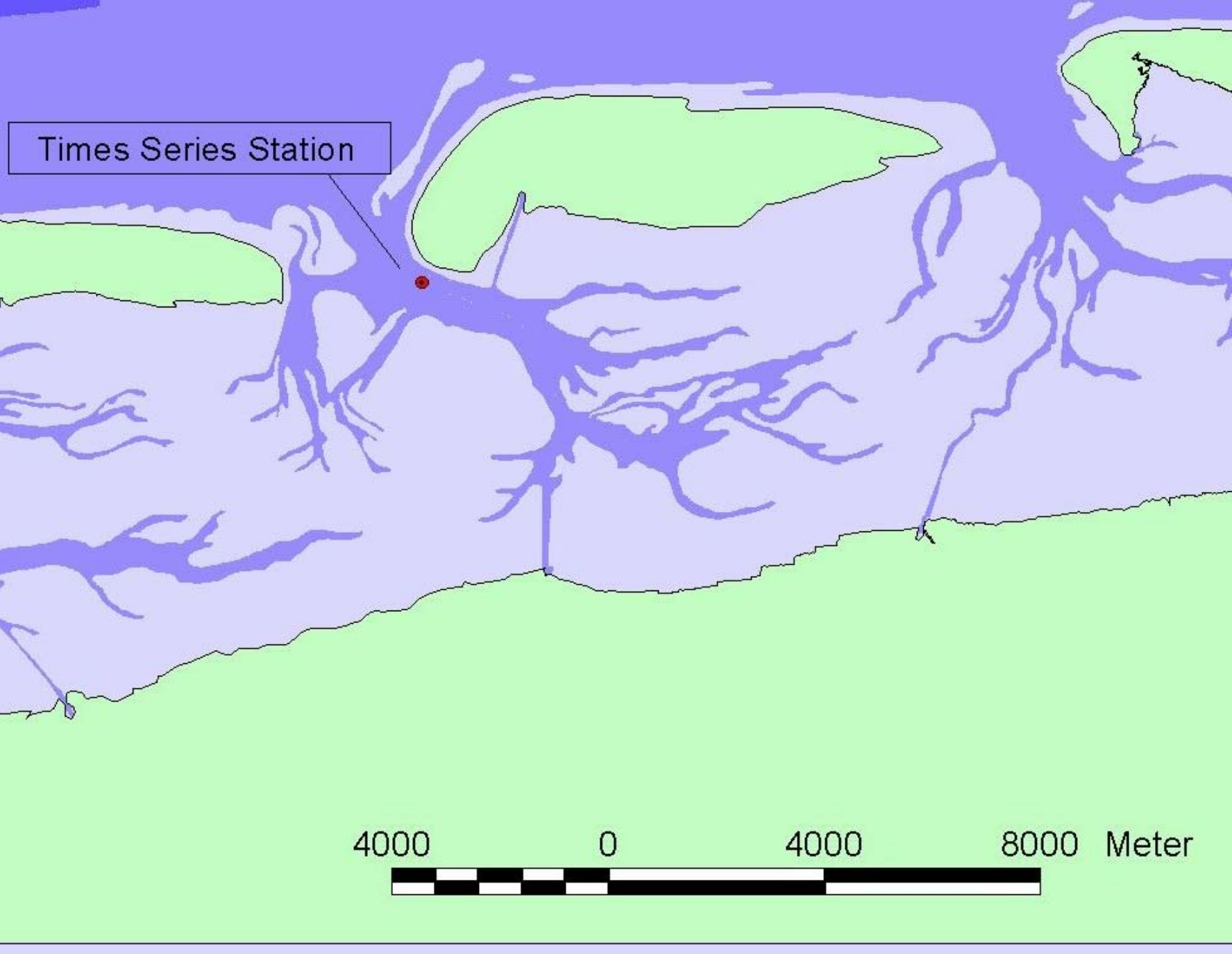
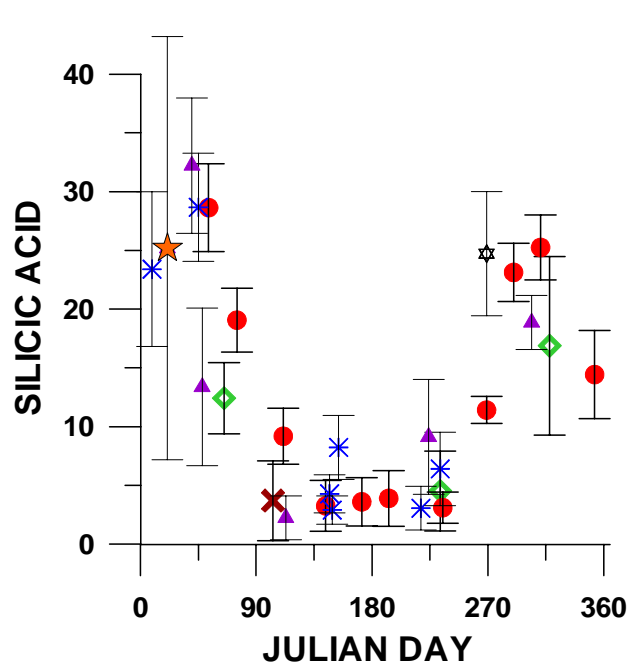
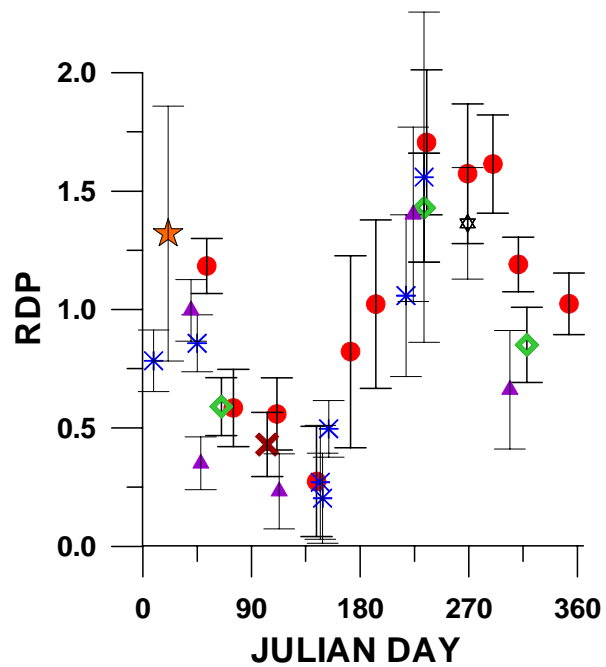
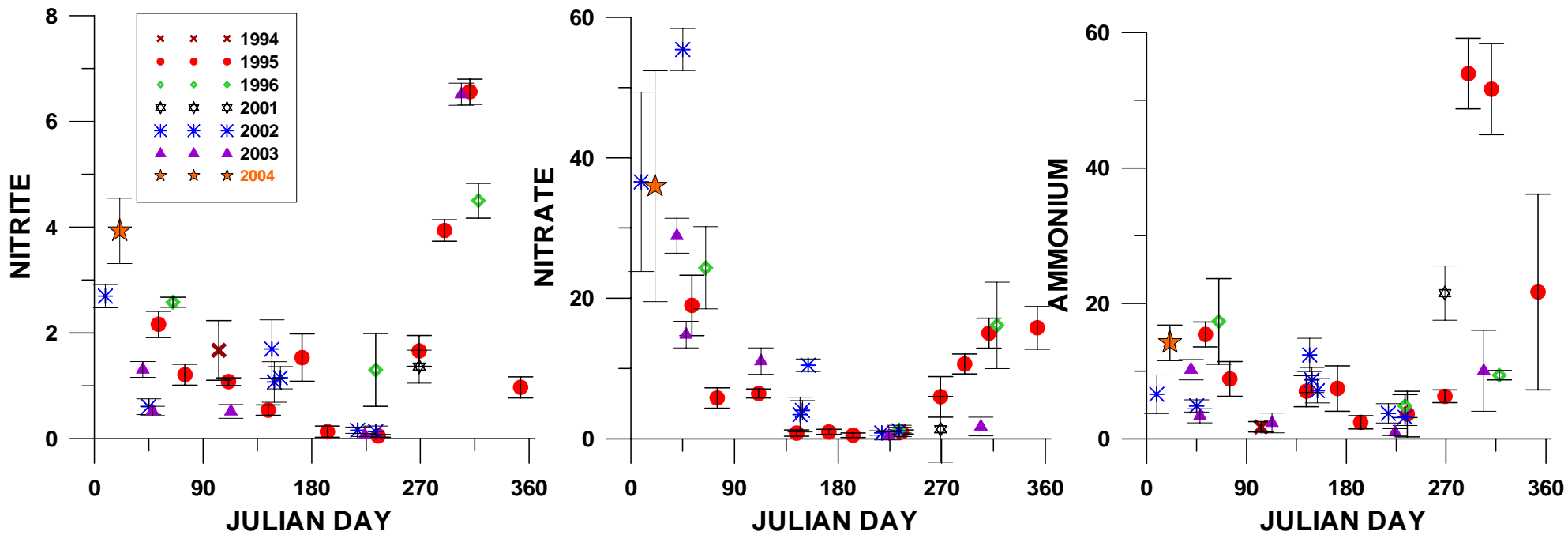
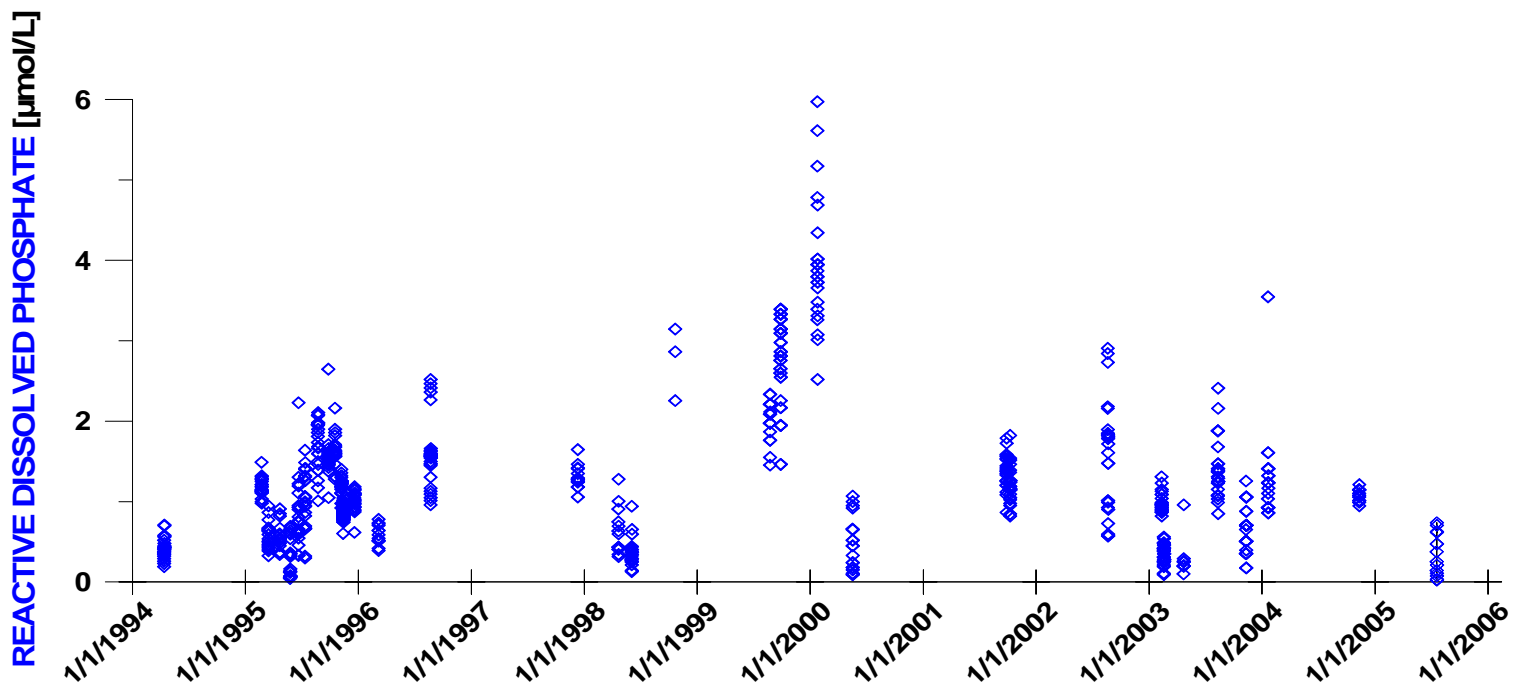
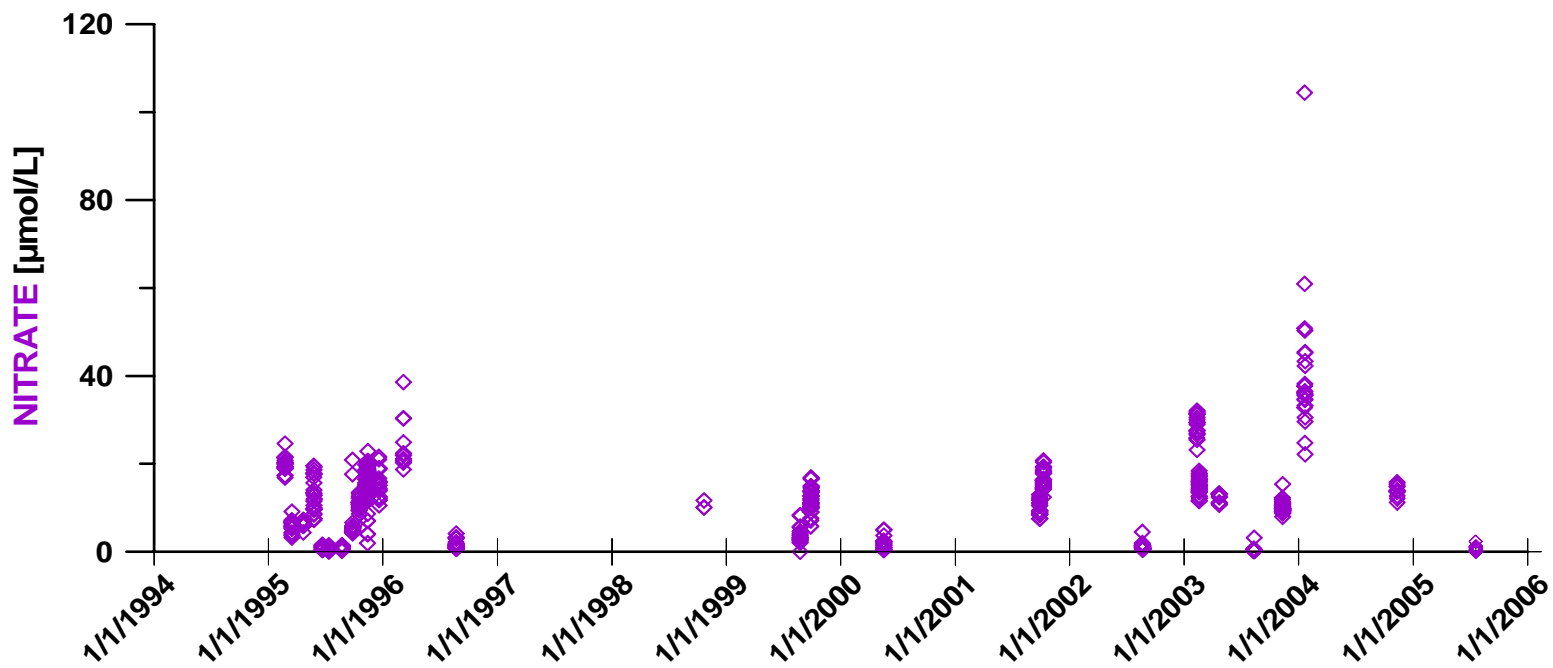


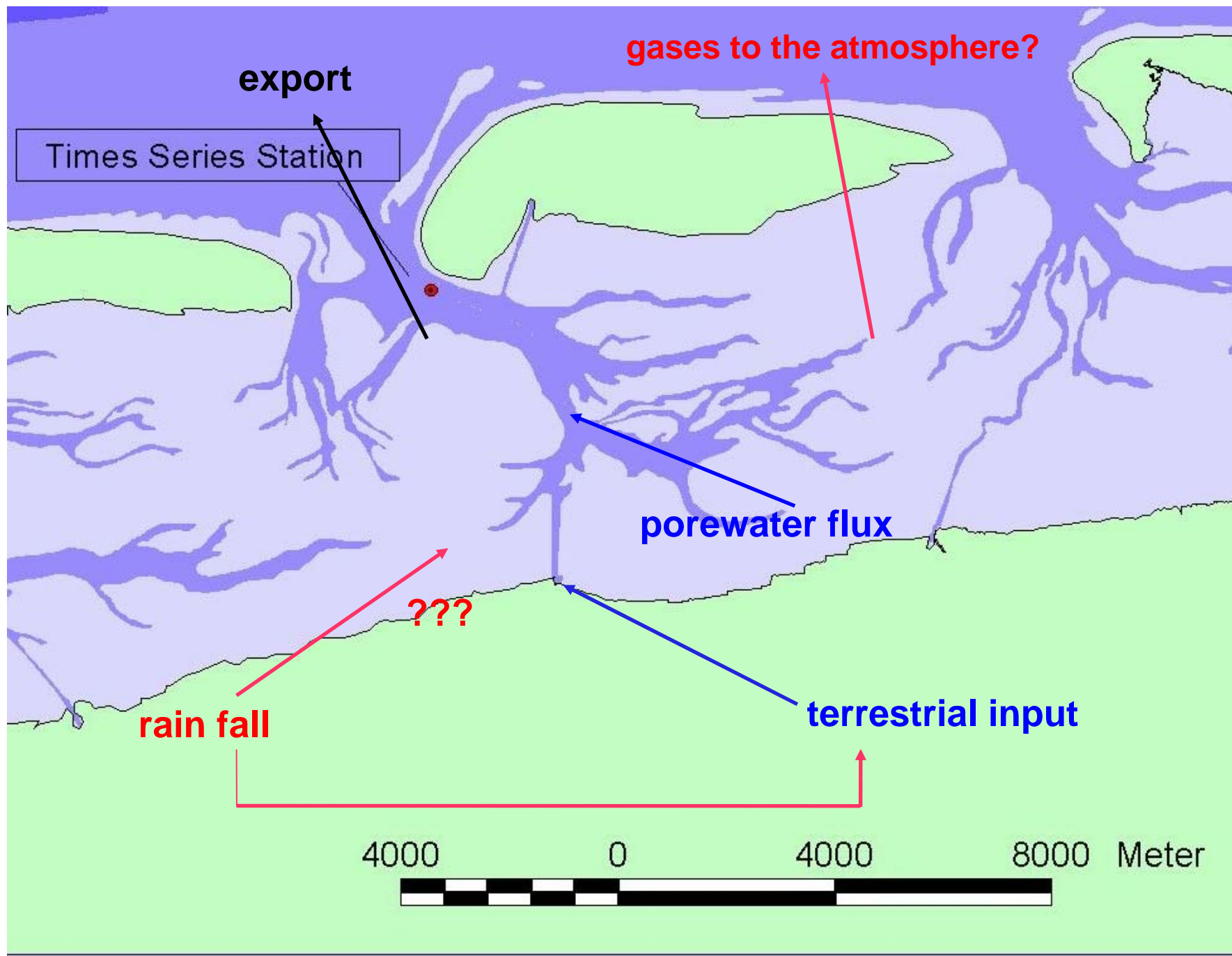
NUTRIENTS IN A BACKBARRIER TIDAL FLAT AREA

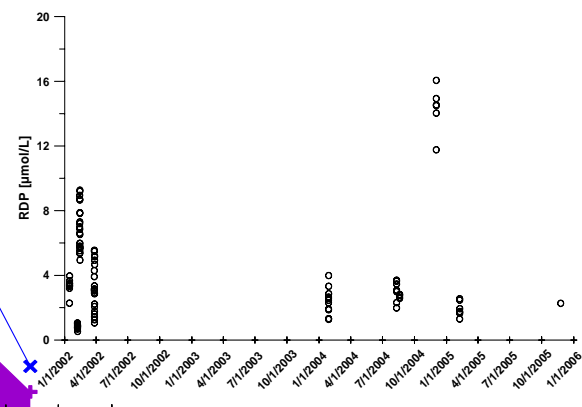
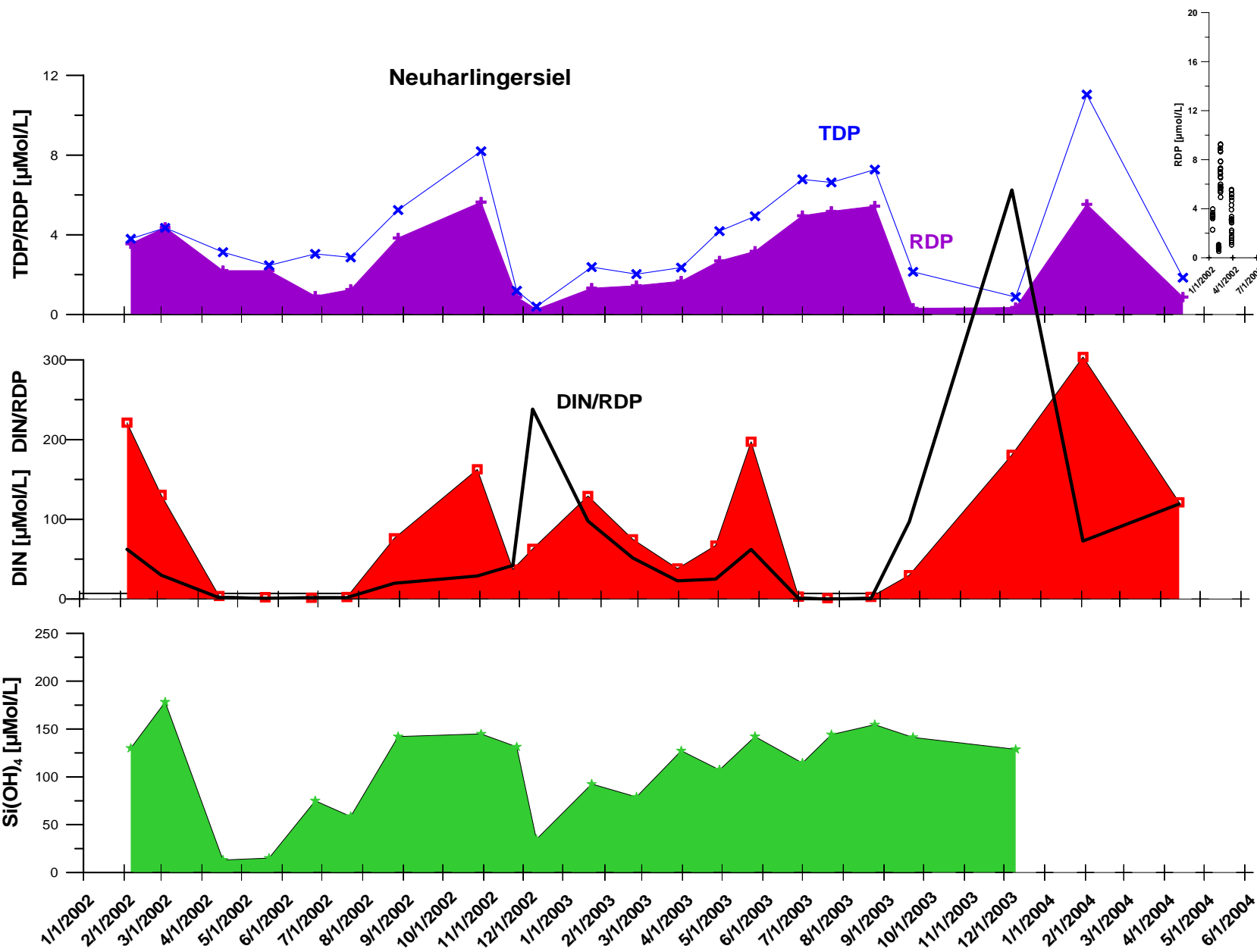
SOURCES AND SINKS



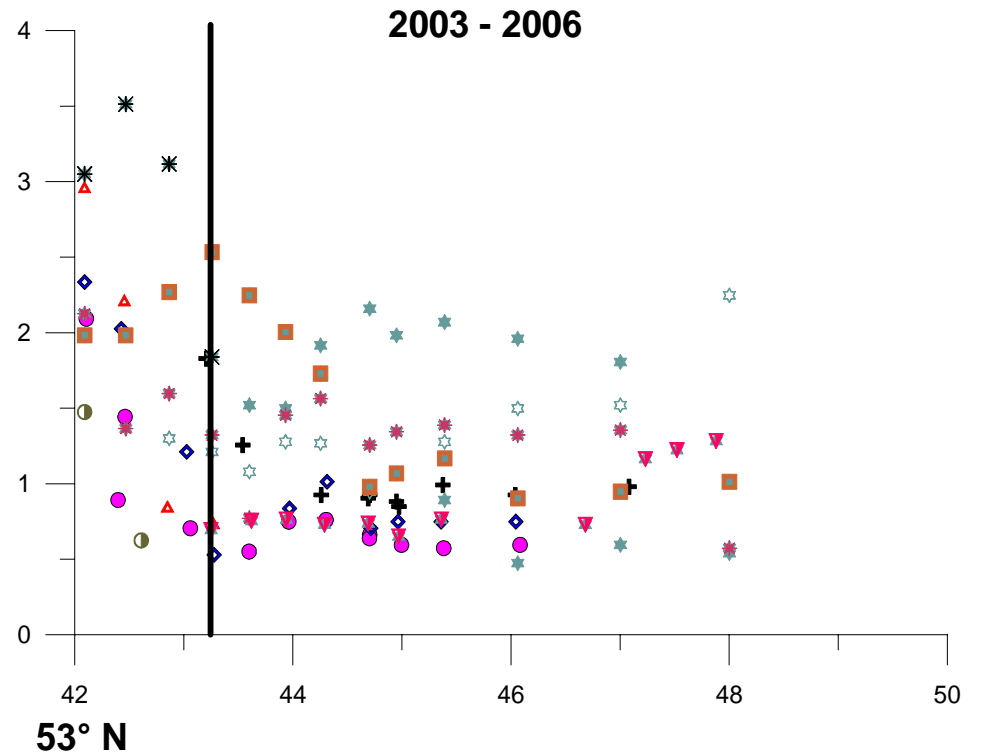
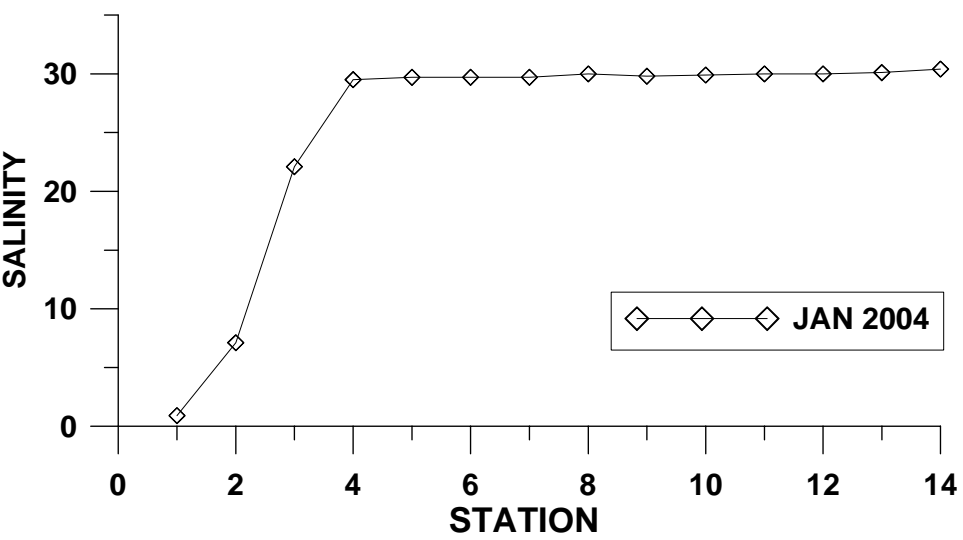
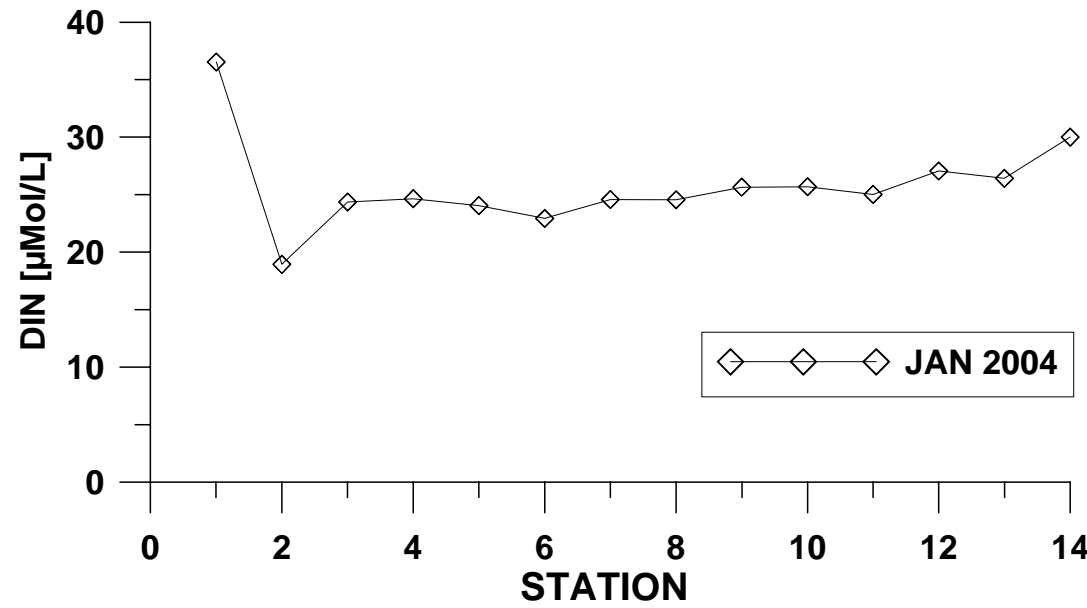
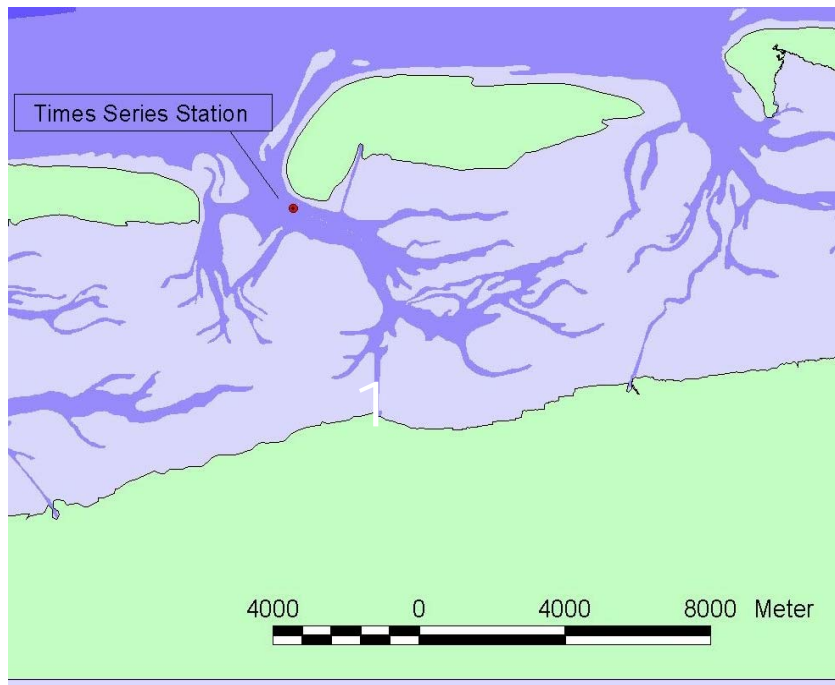




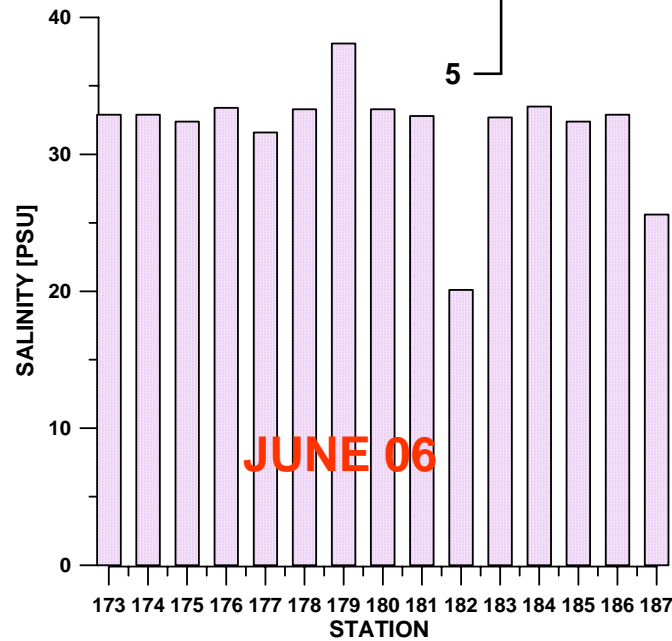
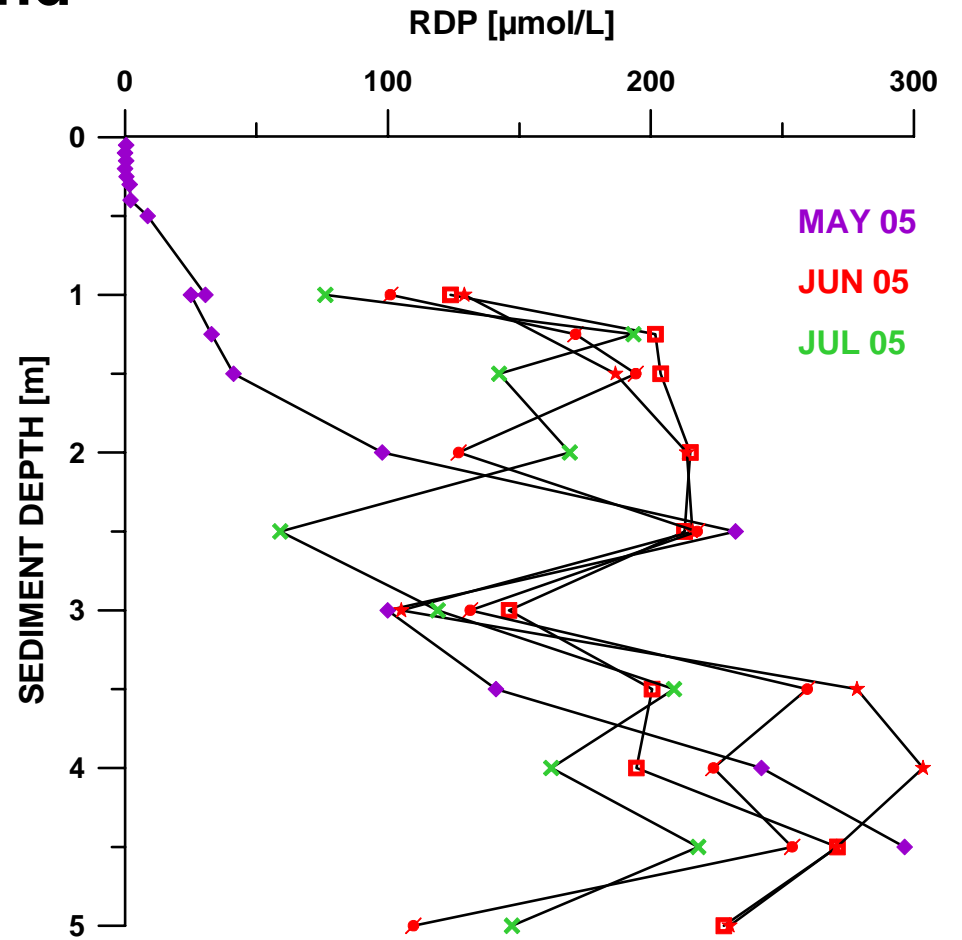
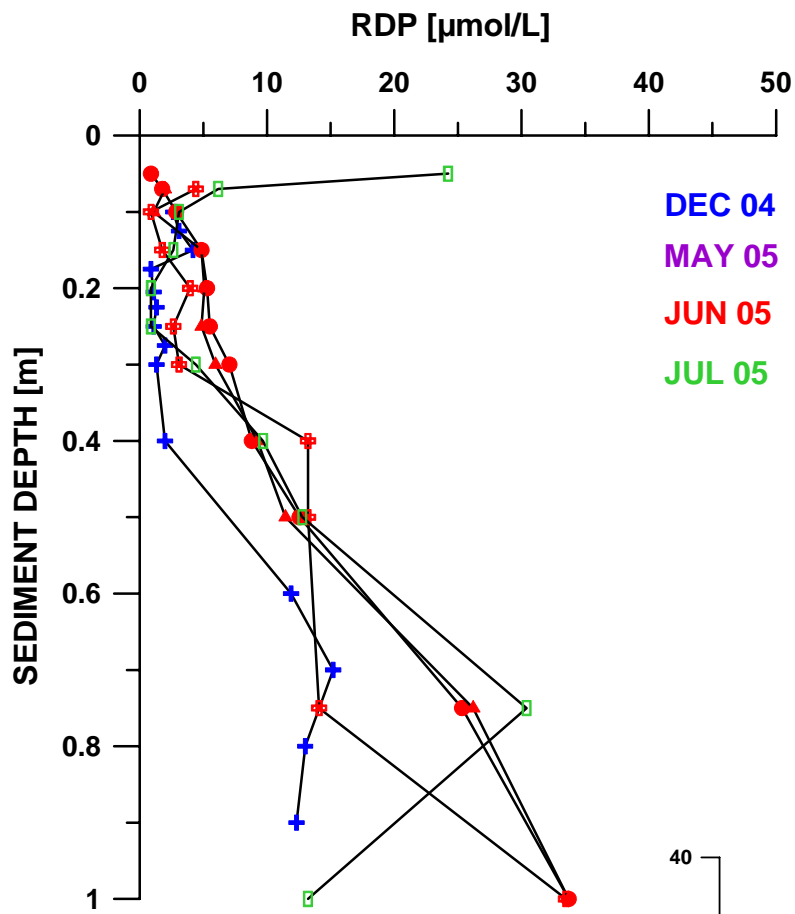


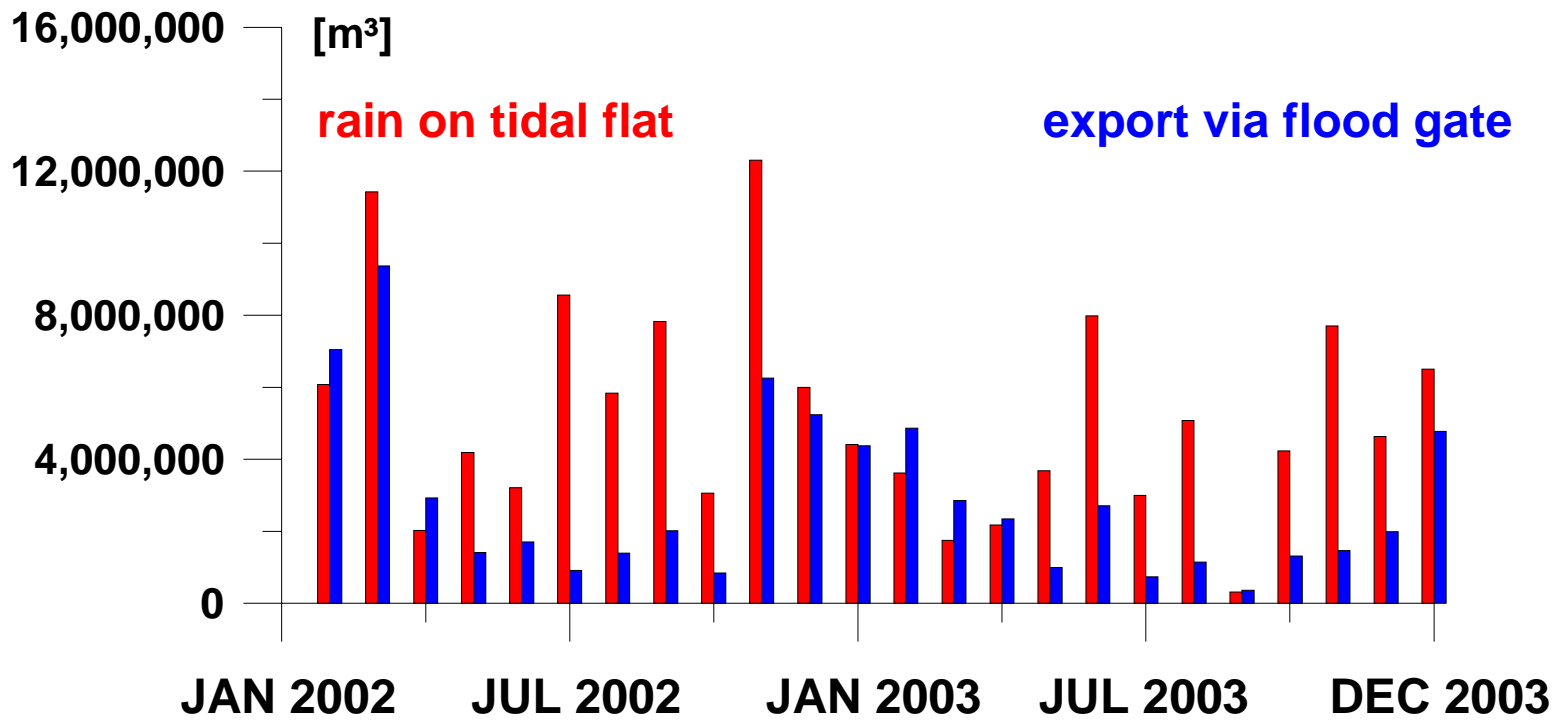


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Janssand



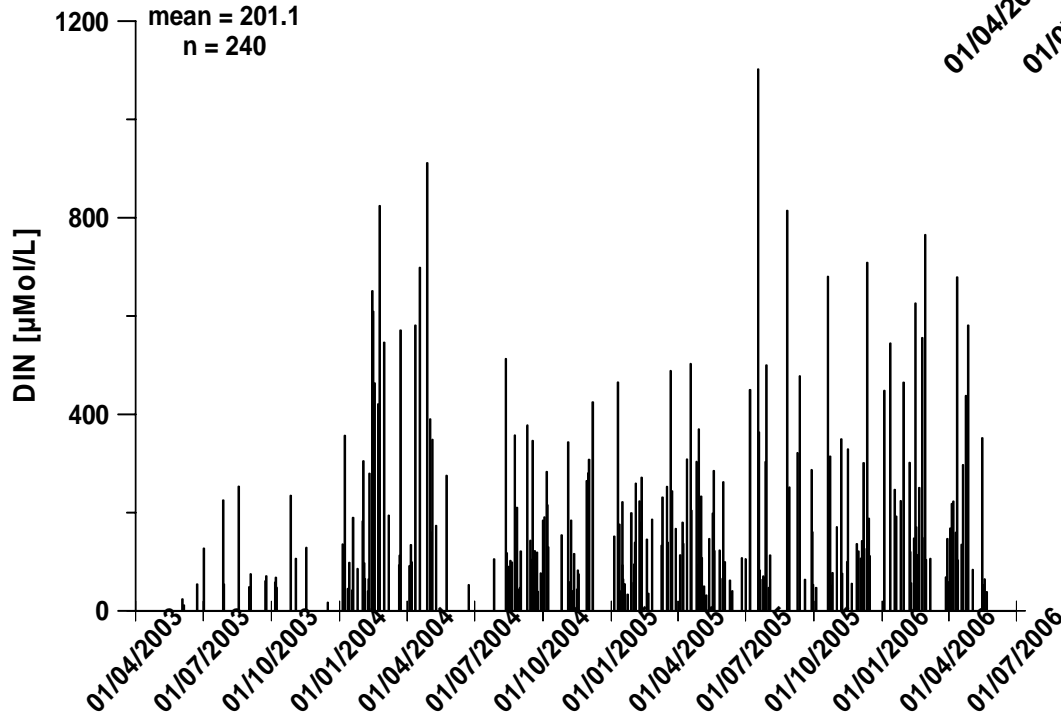
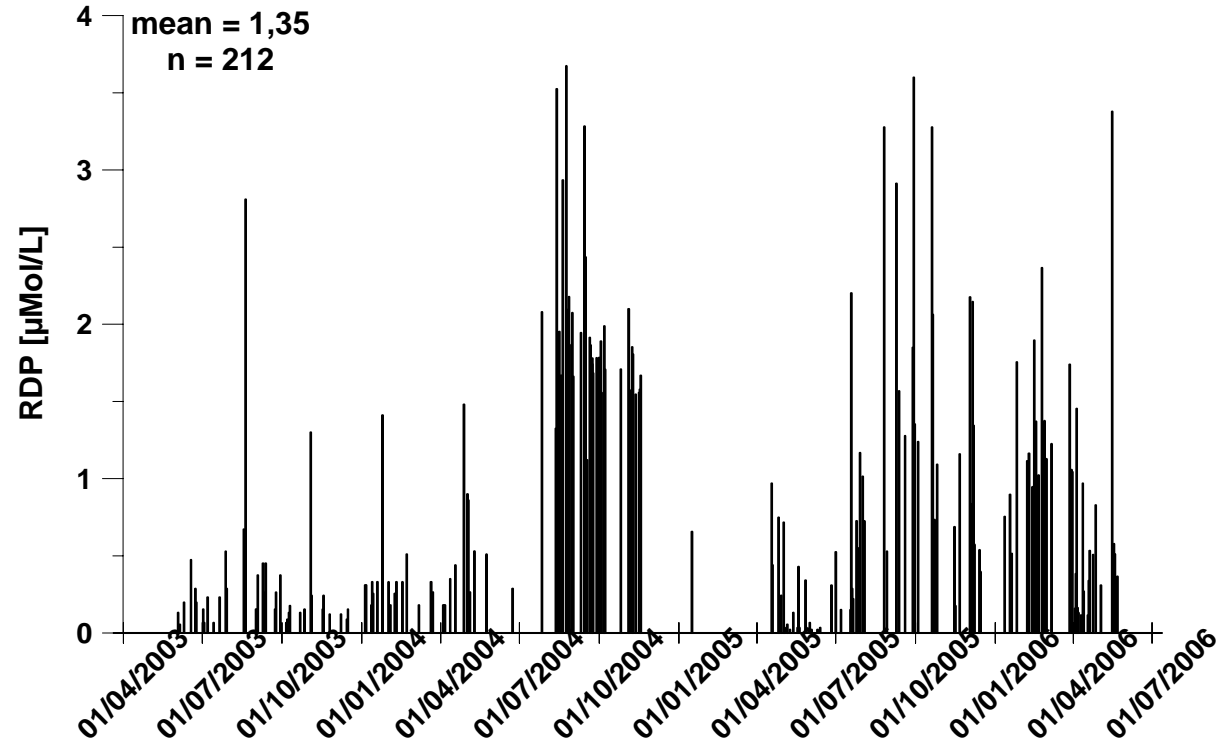


rain data: Hyronimus-Meinen, Neuharlingersiel

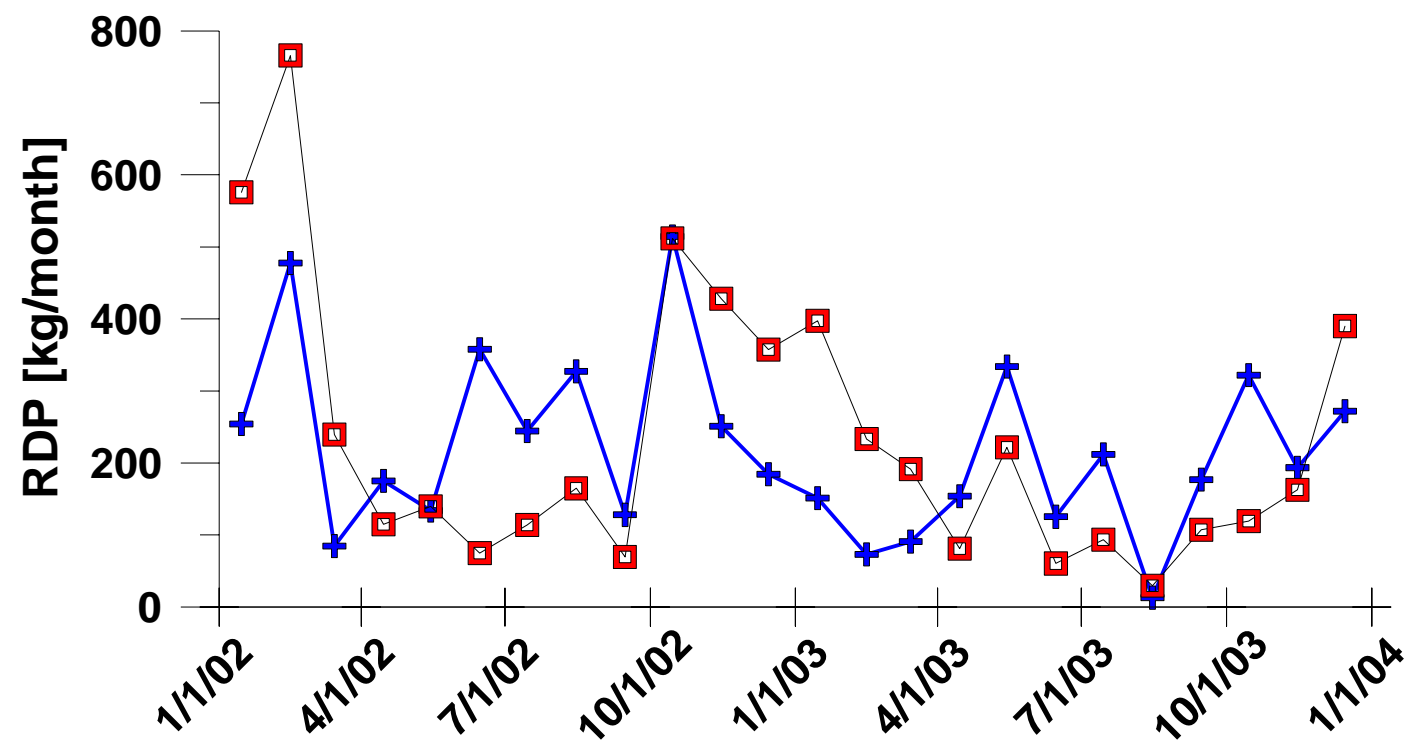
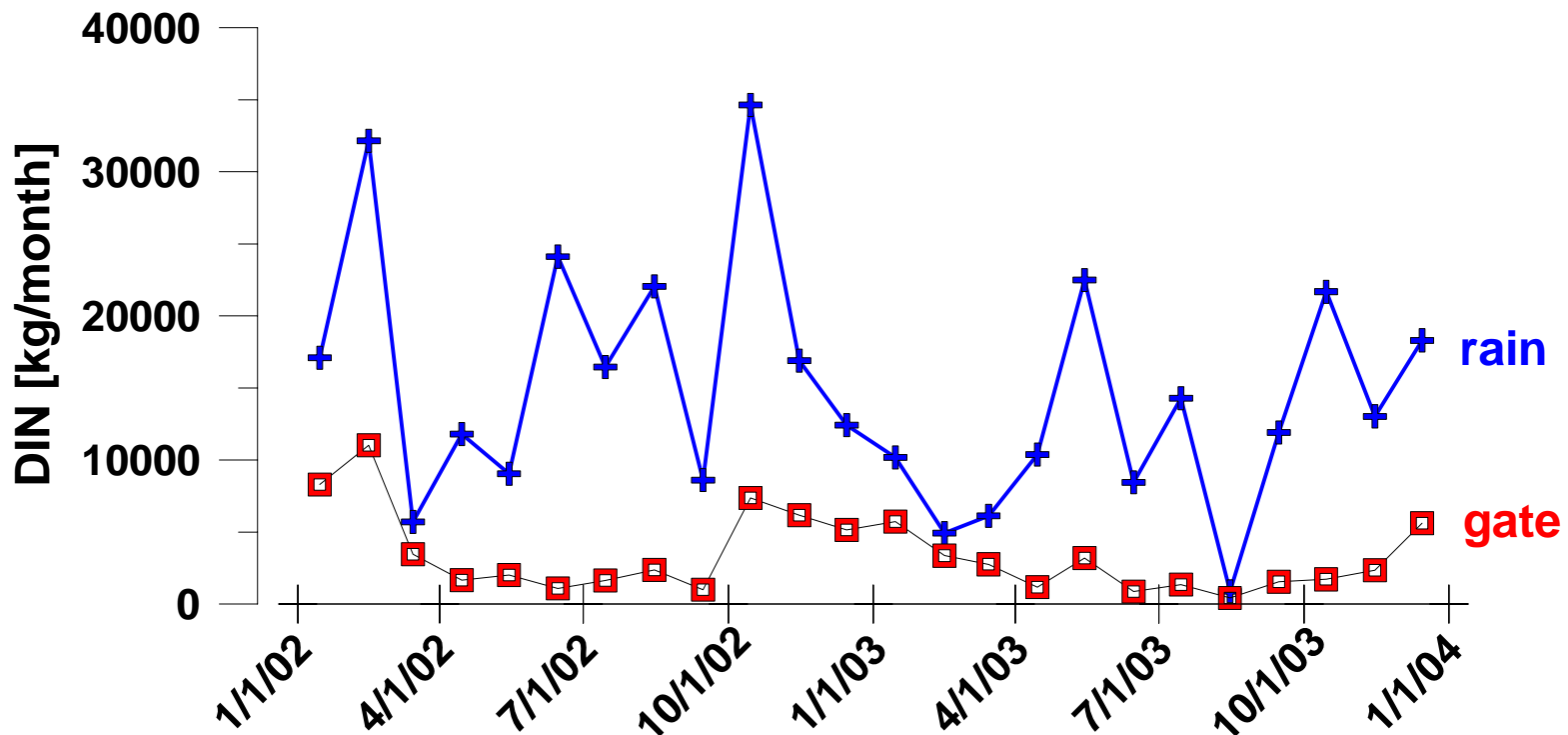
concentrations of RDP and DIN in rain

Wilhelmshaven, FTM roof

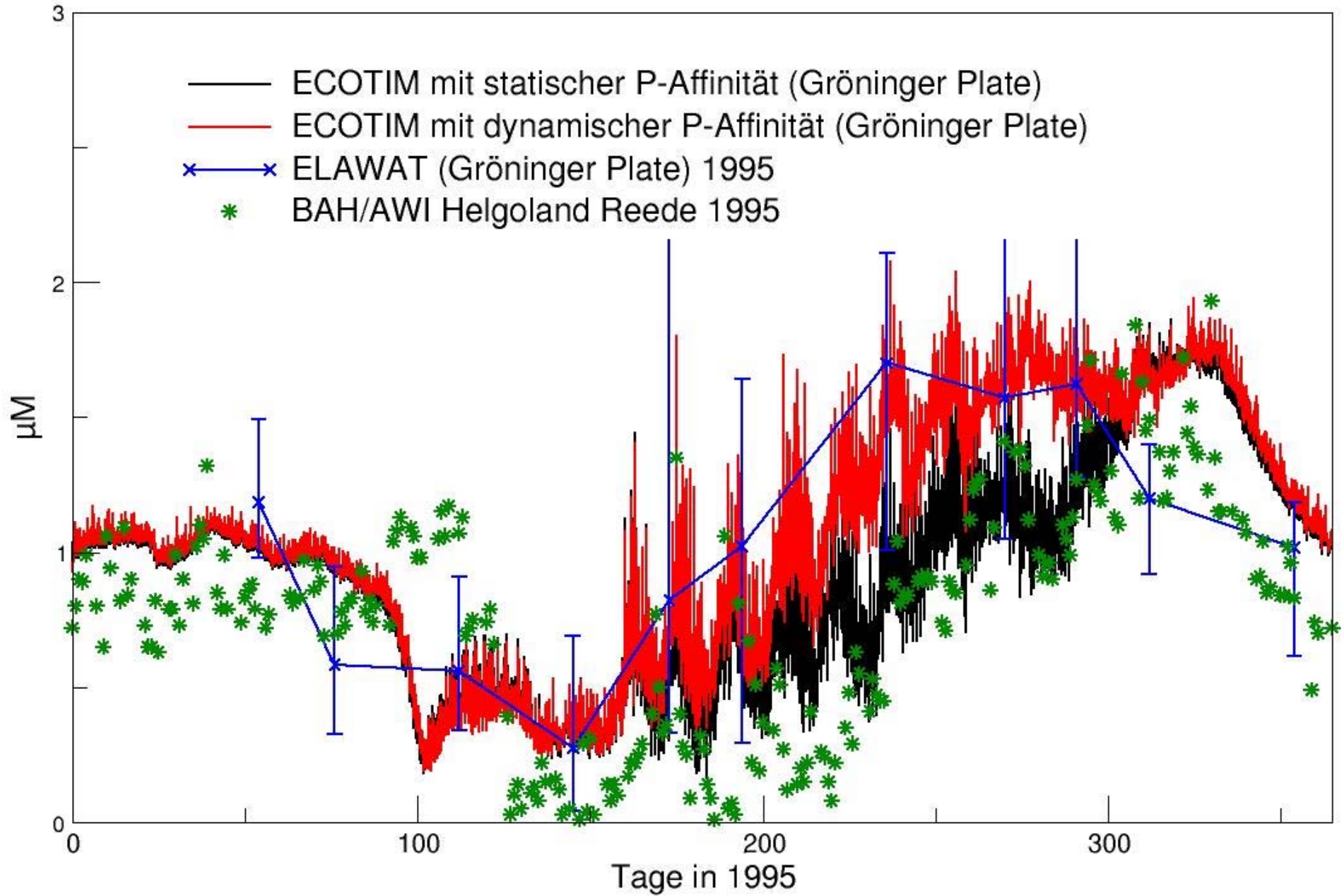
daily samples 07 h – 07 h
weekends Fr 07 h – Mo 07 h



	RDP	NO2	NO3	NH4	DIN
	[µMol/L]	[µMol/L]	[µMol/L]	[µMol/L]	[µMol/L]
Mean	0,9	3,1	87,2	110,7	201, 1
SD	0,9	15,8	109,2	105,2	184,8
RSD	93,5	517,6	125,2	95,0	91,9
n	208	265	258	243	240



Phosphat



freshwater inputs via gate

volumes + concentrations available

import/export via tidal inlet

volumes + concentrations available

porewater fluxes

concentrations available

but: diffusive/bioturbate/current induced porewater fluxes

precipitation

no *in situ* data

gas fluxes

no data