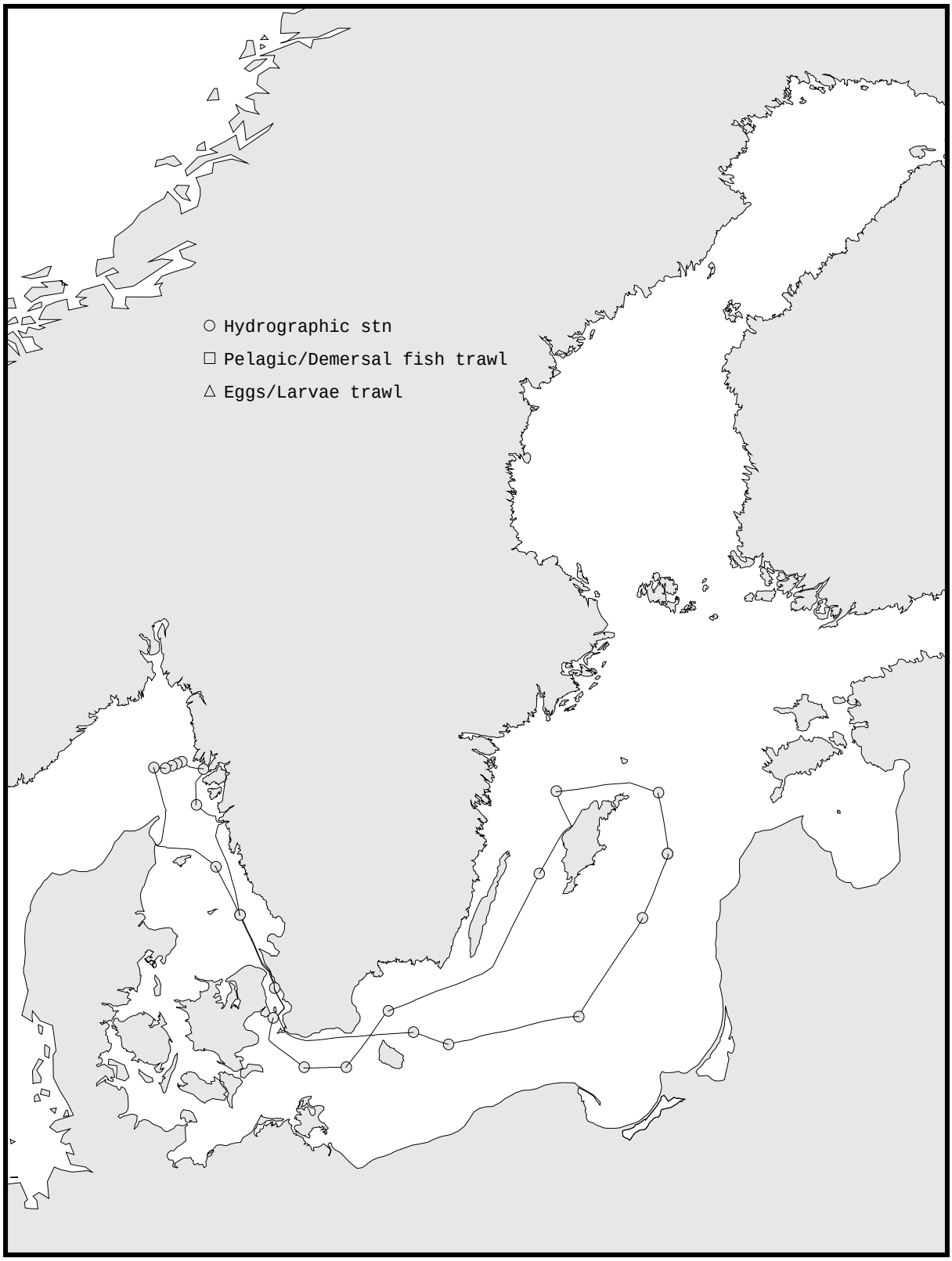
SMHI ***** Hydrographic Ship: 14-Argos ****** Date: 2002-06-17
Ocean lab ***** series Year: 2002 ****** Time: 13:06

Ser no	Stat code	Proj	Station	Lat	Lon	Date yyyymmdd	Time hhmm utc	Bottom depth m	Secchi depth m	Wind di	Wind ve	Air temp C	Air pres hPa	WCSI elec tu hd	Ct d	PPCPZZT Hrhhoor Cilyooa motPBw PrP l	No de	Tem p	Sal in	Ph	Oxy g	H2S	PO4 P	Tot P	NO2 N	NO3 N	NH4 N	Tot N	Alk al	SiO3 s	Hum ug	Lign i	POC N	POC C	TOC C	Com m
0312	SKEX23BAS		P2	N5752	E1118	20020609	2240	90		11	3	19.2	1009	9990	x	--x----	10	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0313	FIBG27BAS		SLÄGGÖ	N5815.5	E1126.0	20020610	0125	76		05	4	16.8	1009	1110	x	--xx---	9	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0314	SKEX14BAS		Å13	N5820.2	E1102	20020610	0310	90	6.0	05	3	17.7	1009	1110	x	--x----	10	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0315	SKEX15BAS		Å14	N5819	E1056.5	20020610	0350	110	6.5	05	3	17.7	1009	1110	x	-------	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0316	SKEX16BAS		Å15	N5817.7	E1051	20020610	0435	136	6.5	05	4	18.3	1008	1110	x	-------	11	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0317	SKEX17BAS		Å16	N5816	E1043.5	20020610	0520	202	6.5	05	4	21.0	1008	1110	x	-------	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0318	SKEX18BAS		Å17	N5816.5	E1030.8	20020610	0640	337	6.5	05	4	20.0	1008	1620	x	--xx---	14	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0319	KANX25BAS		FLADEN	N5711.5	E1140	20020610	2135	86		99	2	17.5	1008	1510	x	--x----	12	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0320	KAEX29BAS		ANHOLT E	N5640.0	E1207.0	20020611	0200	53		27	10	14.8	1007	6830	x	-xxxx--	9	x	x	x	x	-	x	x	x	x	x	x	x	x	-	-	-	-	-	-
0321	SOCX39BAS		W LANDSKRONA	N5552.0	E1245.0	20020611	0740	50	6.5	23	3	18.0	1007	1520	x	--x----	9	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0322	SOSX48XXX		DROGDEN E	N5532.40	E1243.75	20020611	0955	11		23	7	14.7	1010	1620	x	-------	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0323	BPSA02BAS		BY1	N5500	E1318	20020611	1405	47	6.5	23	10	17.1	1012	1330	x	-------	8	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0324	BPSA03BAS		BY2 ARKONA	N5500	E1405	20020611	1700	47	6.0	23	9	17.6	1013	1130	x	--xx---	8	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0325	BPSH05XXX		HANÖBUKTEN	N5537	E1452	20020611	2135	80		23	6	14.5	1014	9990	x	-------	11	x	x	-	x	-	x	-	x	x	x	-	-	x	-	-	-	-	-	-
0326	BPWX45BAS		BY38 KARLSÖDJ	N5707	E1740	20020612	1000	110	6.5	23	6	19.7	1015	1230	x	--x----	14	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0327	BPWX38BAS		BY32 NORRKÖPINGSDJ	N5801	E1759	20020612	1945	205		18	9	15.2	1012	1330	x	-------	17	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0328	BPEX26BAS		BY20 FÅRÖDJ	N5800	E1953	20020613	0200	201	5.5	21	8	14.8	1012	1630	x	--x----	17	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0329	BPEX21BAS		BY15 GOTLANDSDJ	N5720	E2003	20020613	0720	248	6.0	14	11	15.3	1009	6830	x	--xx---	19	x	x	x	x	x	x	x	x	x	x	x	x	x	-	-	-	-	-	x
0330	BPEX21XXX		BY15 GOTLANDSDJ	N5720	E2003	20020613	0830	248		16	6	15.3	1008	2830	x	-------	6	x	x	-	x	x	x	-	x	x	-	-	-	x	-	-	-	-	-	x
0331	BPEX13BAS		BY10	N5638	E1935	20020613	1245	146	6.0	21	12	16.9	1006	2740	x	--x----	15	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0332	BPSE11BAS		BCS III-10	N5533.3	E1824	20020613	2015	91		23	13	13.3	1003	6990	x	--x----	12	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0333	BPSB07BAS		BY5 BORNHOLMSDJ	N5515	E1559	20020614	0650	92	6.5	27	13	13.3	1007	1240	x	-xxx---	12	x	x	x	x	x	x	x	x	x	x	x	x	x	-	-	-	-	-	-
0334	BPSB06BAS		BY4 CHRISTIANSÚ	N5523	E1520	20020614	0935	92	5.0	27	9	15.0	1008	1230	x	-------	12	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0335	KAEX29BAS		ANHOLT E	N5640.0	E1207.0	20020615	0150	60		27	2	14.9	1012	2730	x	-xxx---	10	x	x	x	x	-	x	x	x	x	x	x	x	x	-	-	-	-	-	-

T R A C K C H A R T

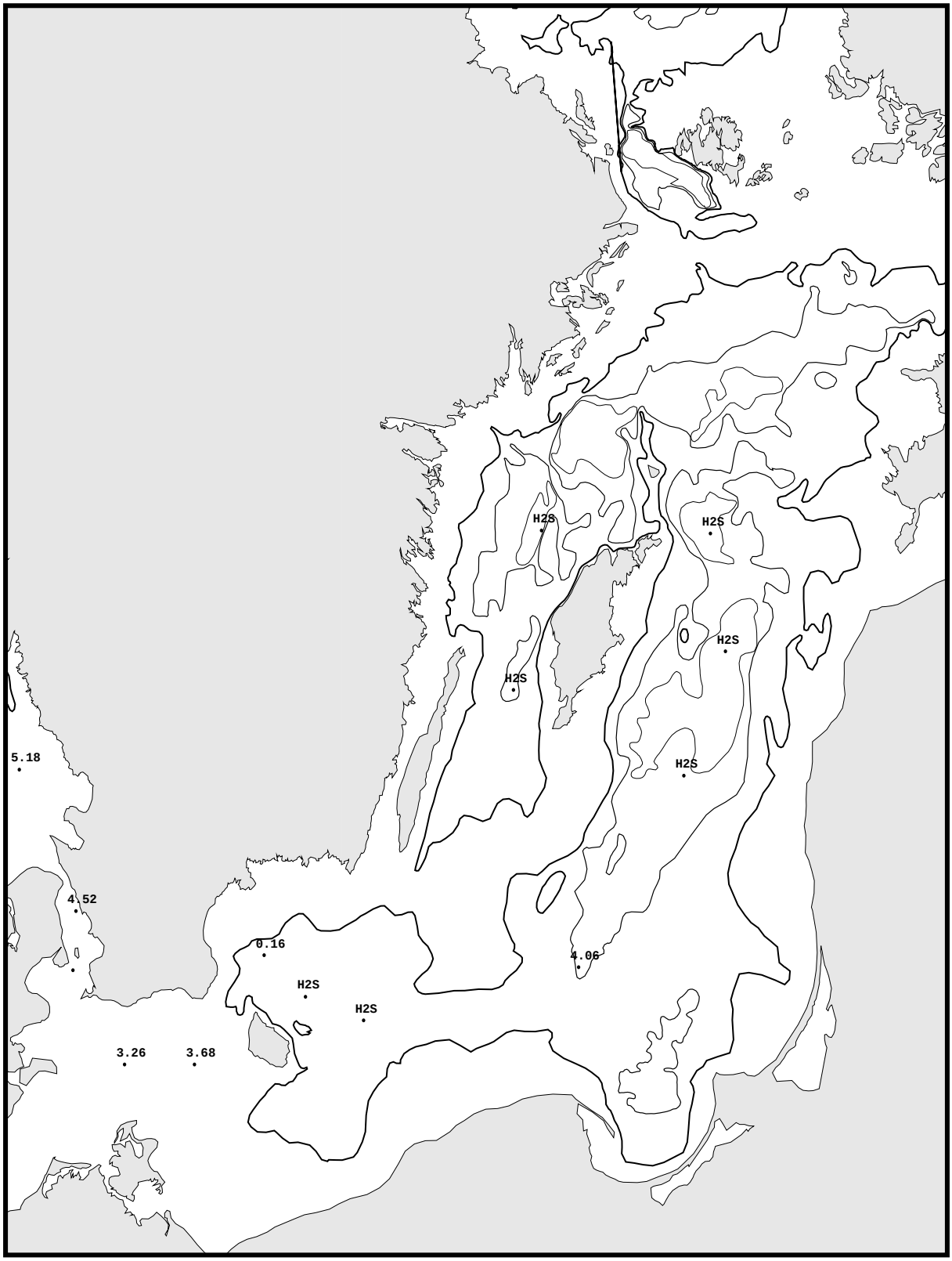
Country: Sweden
Ship : Argos
Date : 20020609-20020615
Series : 0312-0335



CSR RefNo: 2002-77AR/0312-0335

Bottom water oxygen concentration (ml/l)

Country: Sweden
Ship : Argos
Date : 20020610-20020614
Series : 0319-0334

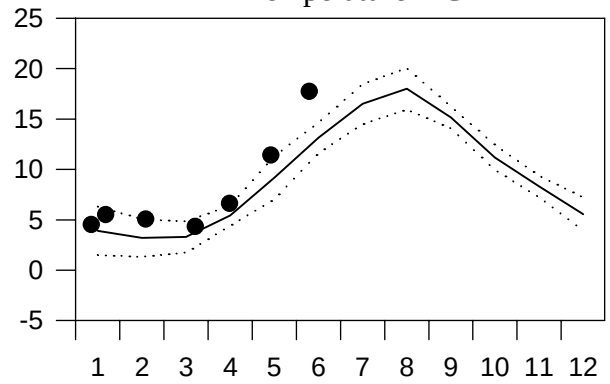


STATION P2 SURFACE WATER

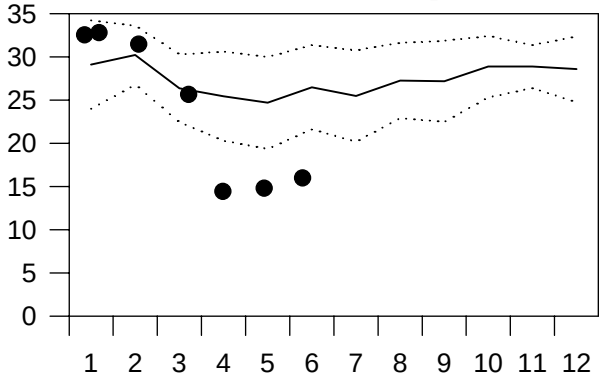
Annual Cycles

Mean 1990-1999 ····· St.Dev. ● 2002

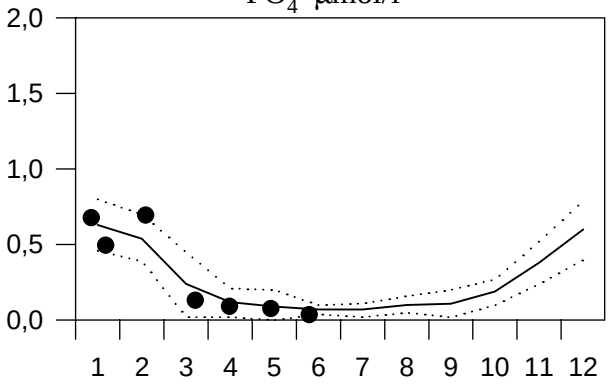
Temperature °C



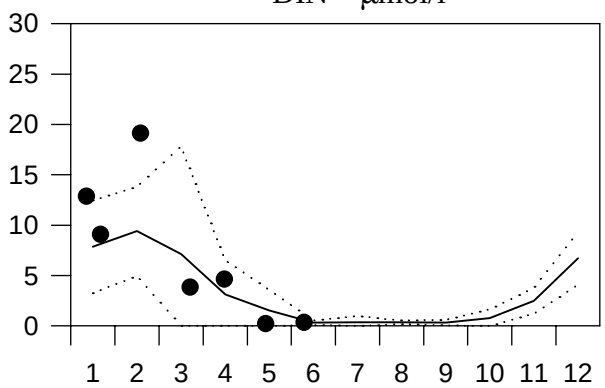
Salinity psu



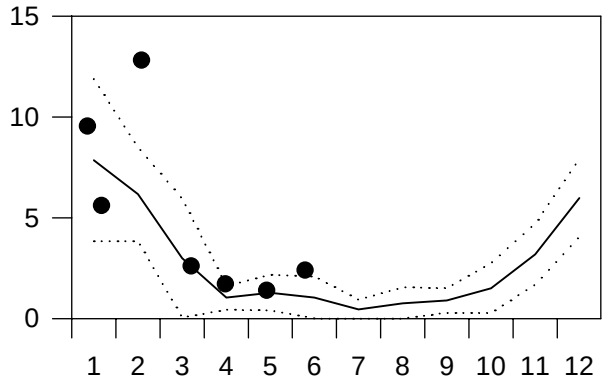
PO_4 µmol/l



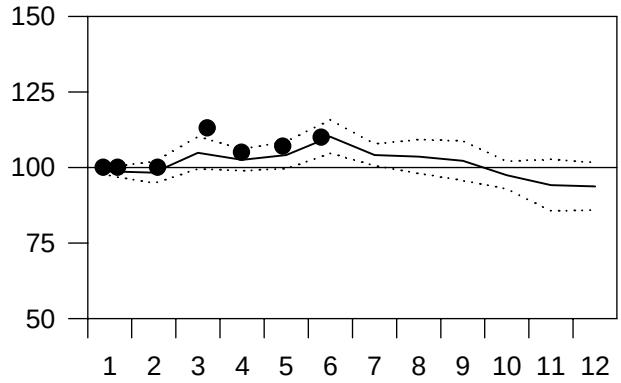
DIN µmol/l



SiO_3 µmol/l

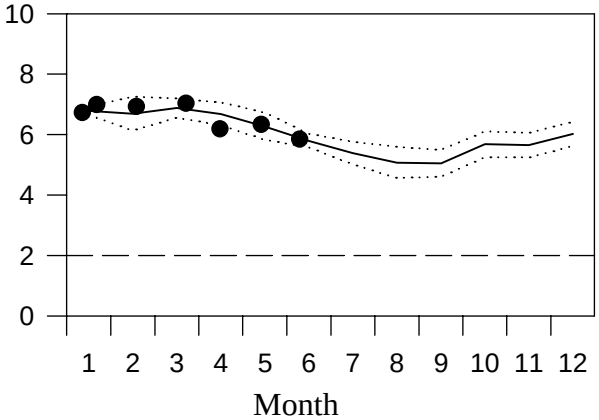


O_2 saturation %

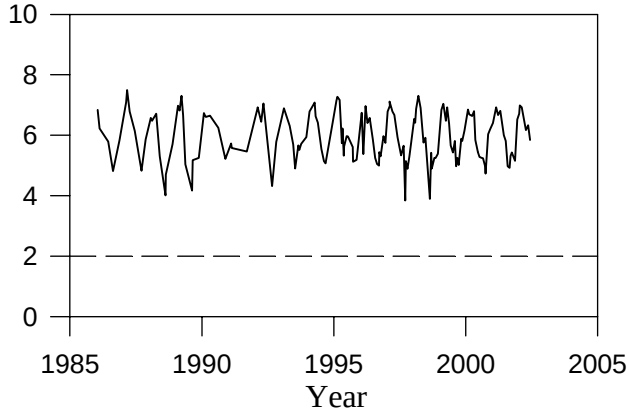


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

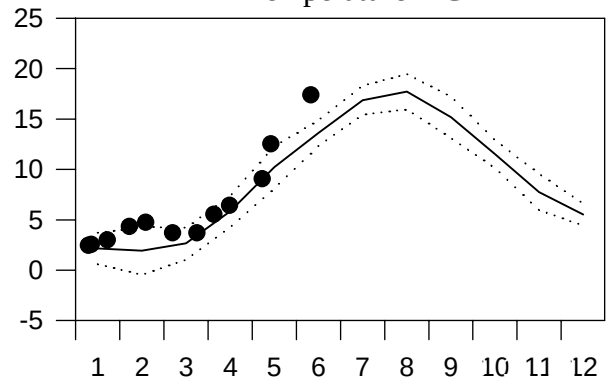


STATION SLÄGGÖ SURFACE WATER

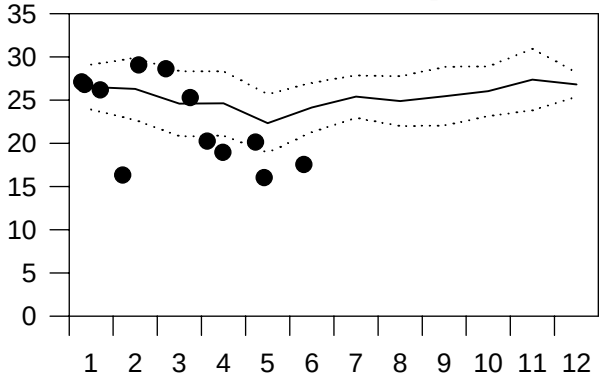
Annual Cycles

Mean 1990-1999 ····· St.Dev. ● 2002

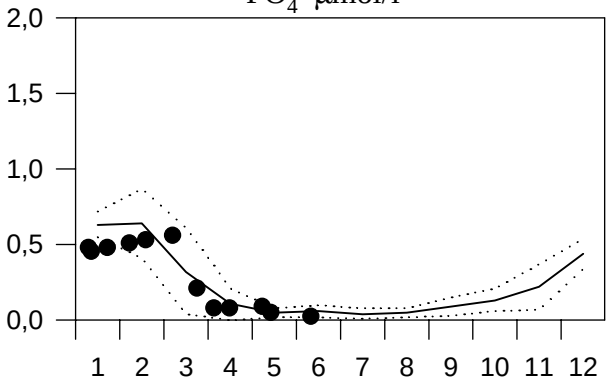
Temperature °C



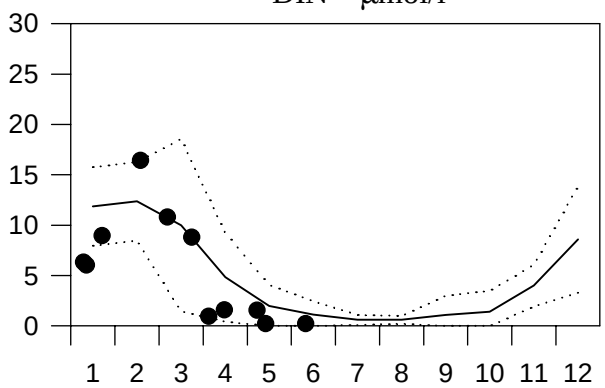
Salinity psu



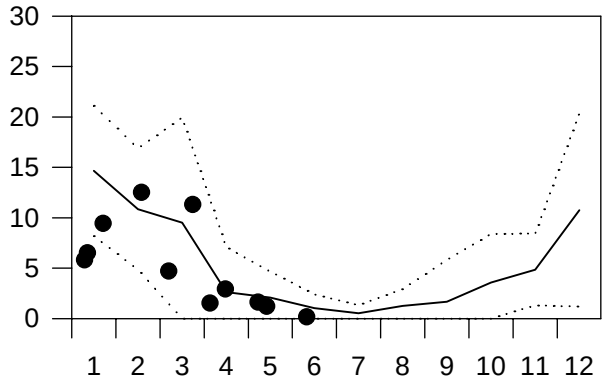
PO_4 µmol/l



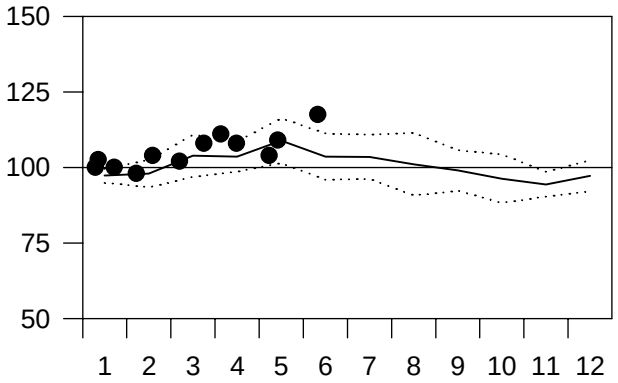
DIN µmol/l



SiO_3 µmol/l

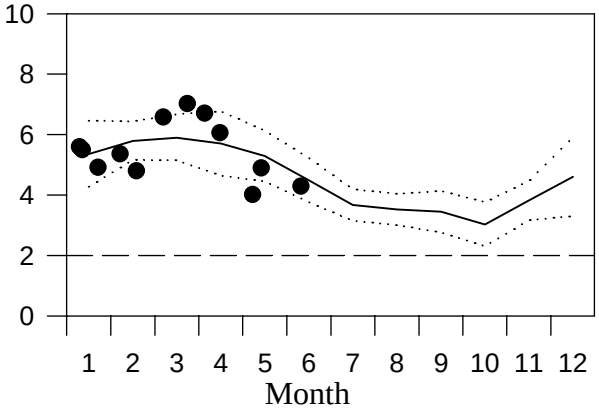


O_2 saturation %

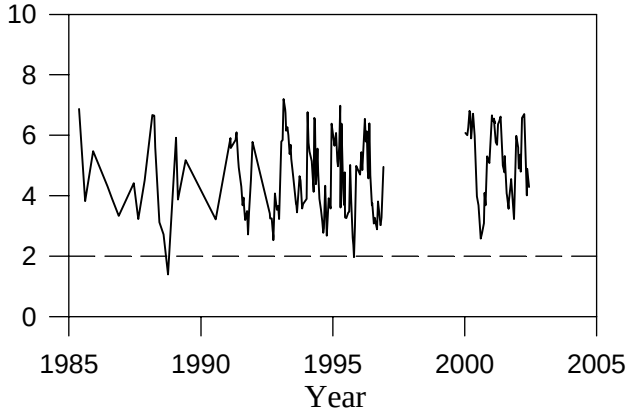


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

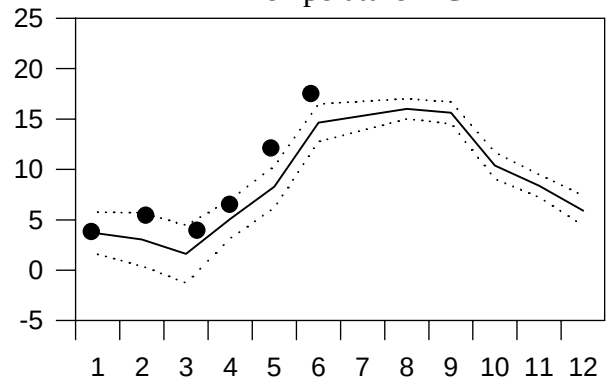


STATION Å13 SURFACE WATER

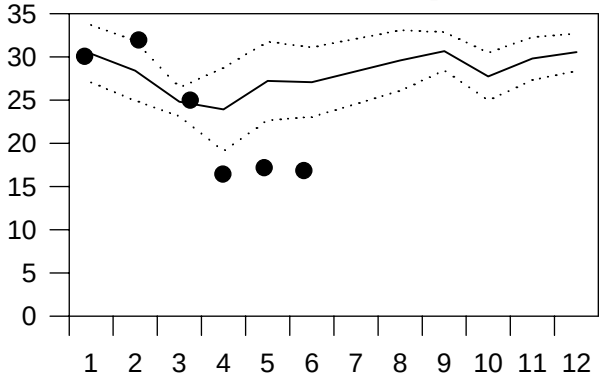
Annual Cycles

Mean 1980-1999 St.Dev. 2002

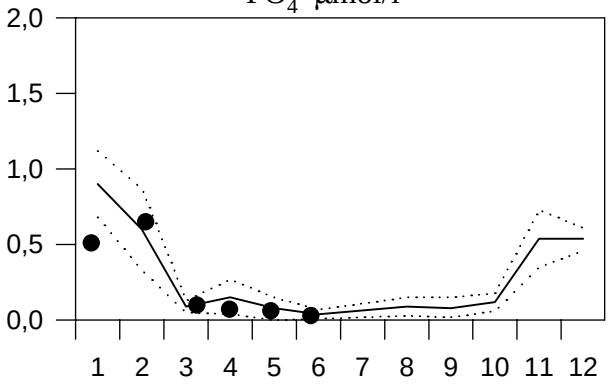
Temperature °C



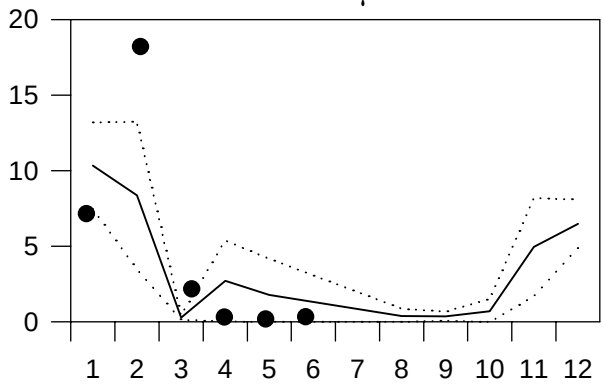
Salinity psu



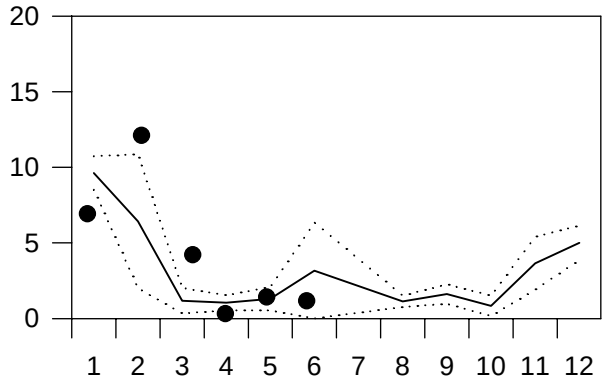
PO_4 µmol/l



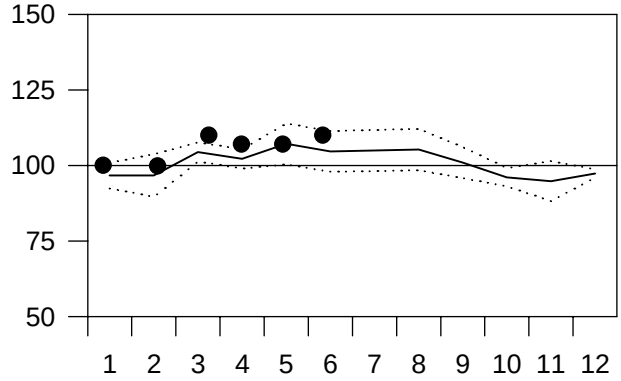
DIN µmol/l



SiO_3 µmol/l

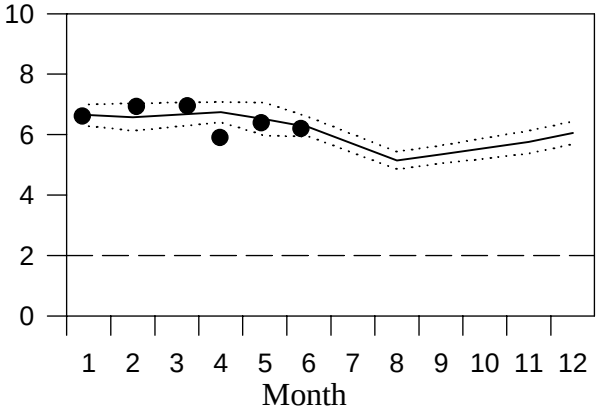


O_2 saturation %

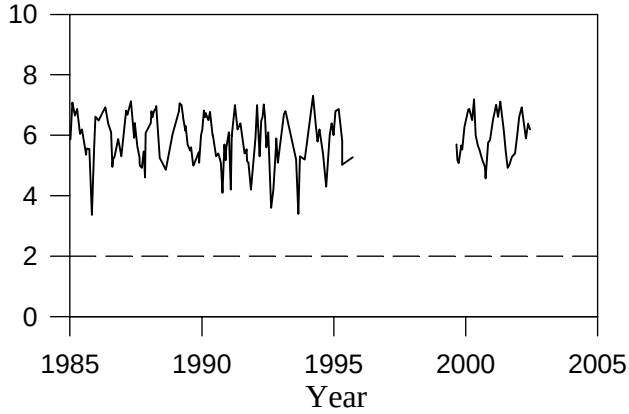


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

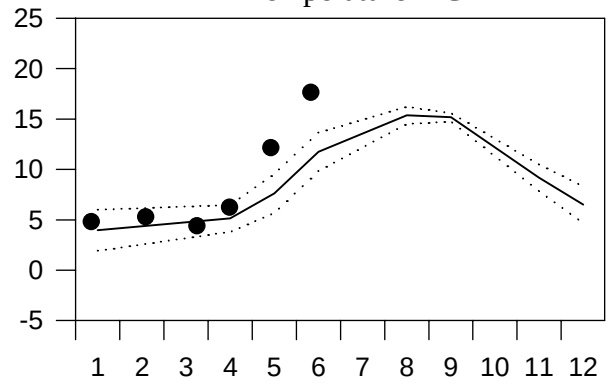


STATION Å17 SURFACE WATER

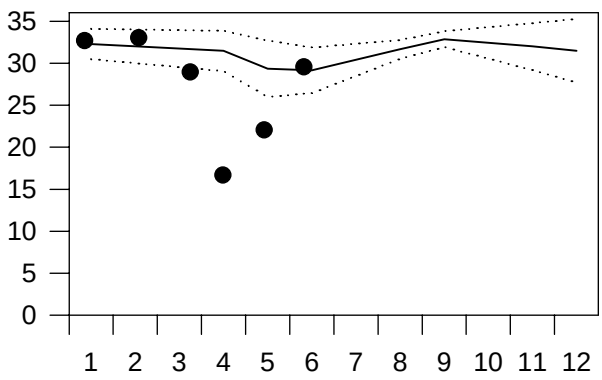
Annual Cycles

Mean 1980-1999 St.Dev. 2002

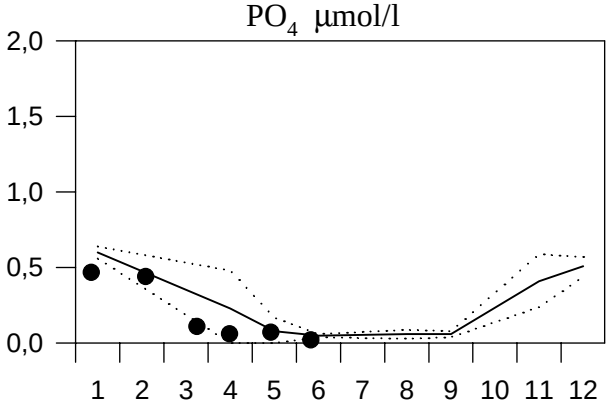
Temperature °C



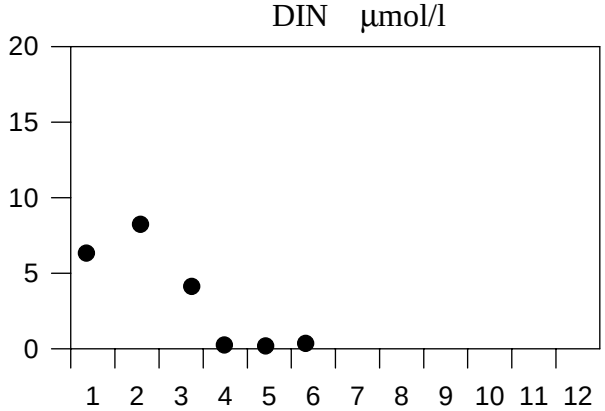
Salinity psu



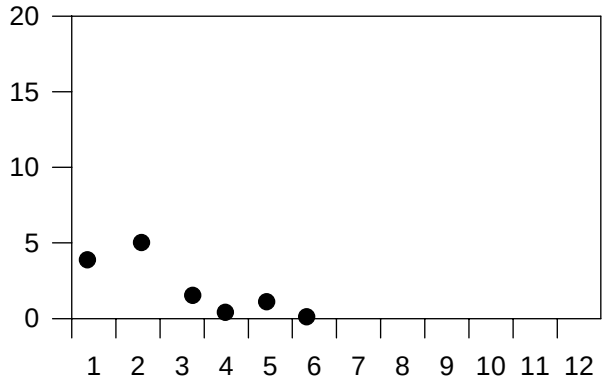
PO_4 µmol/l



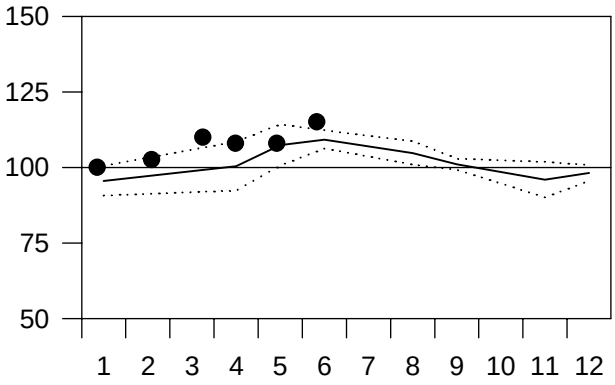
DIN µmol/l



SiO_3 µmol/l

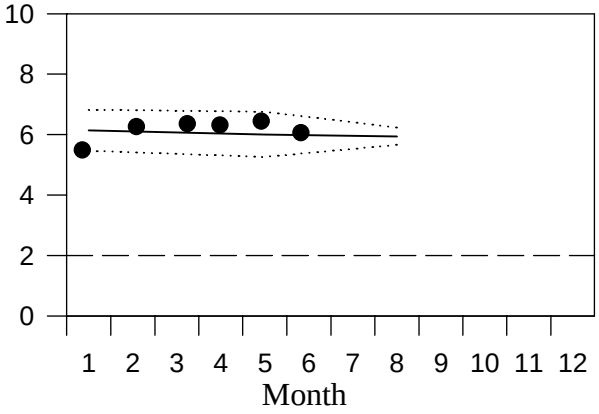


O_2 saturation %

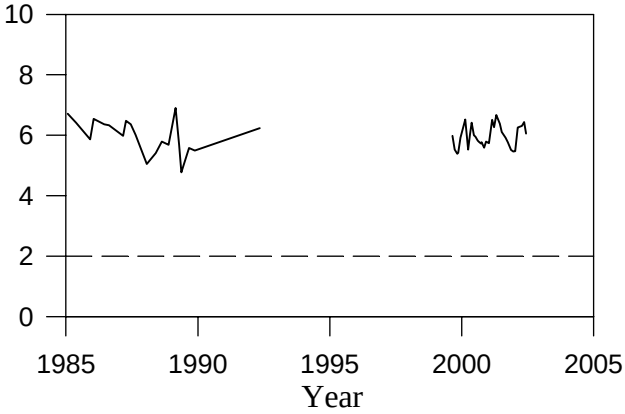


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

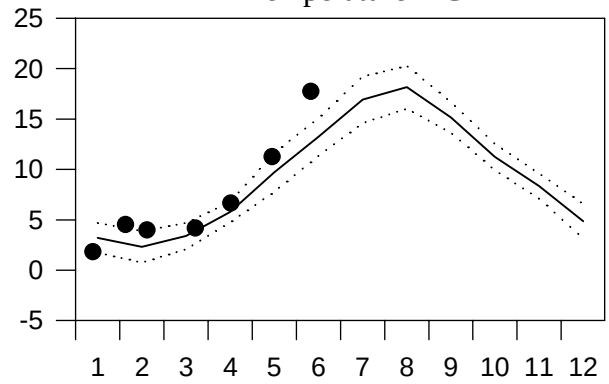


STATION FLADEN SURFACE WATER

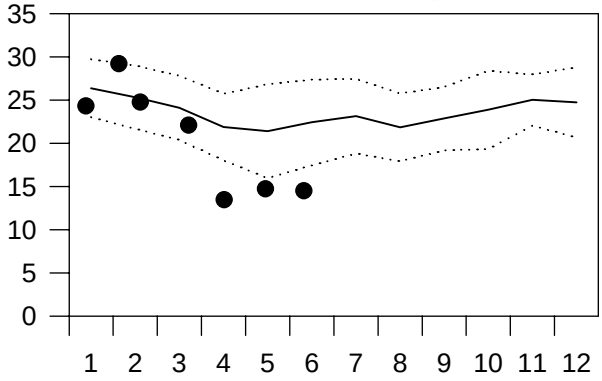
Annual Cycles

Mean 1990-1999 ····· St.Dev. ● 2002

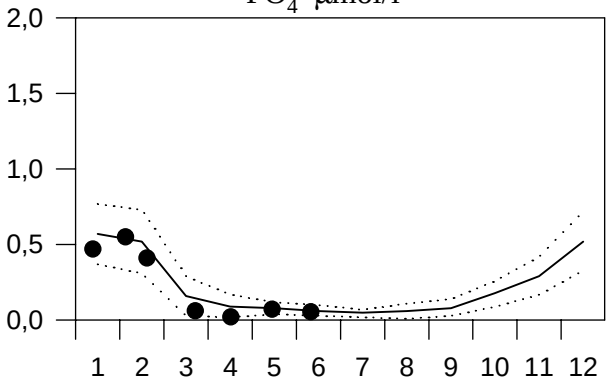
Temperature °C



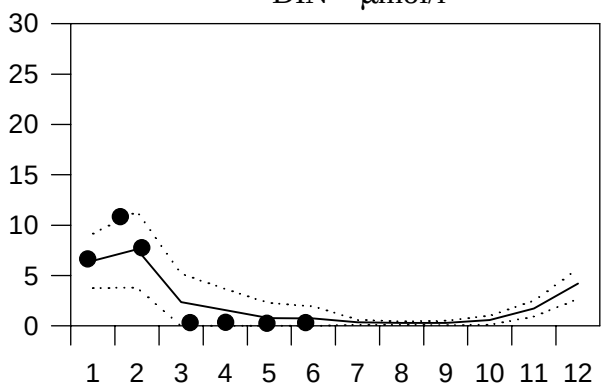
Salinity psu



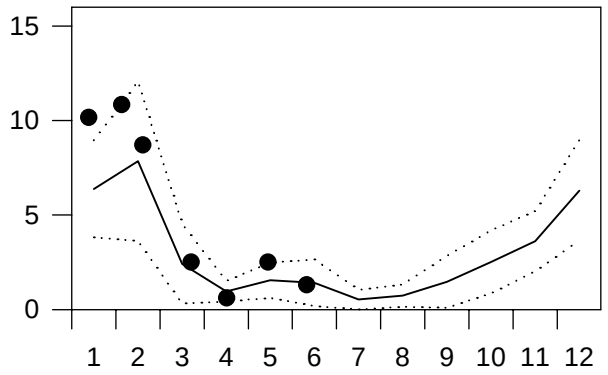
PO_4 µmol/l



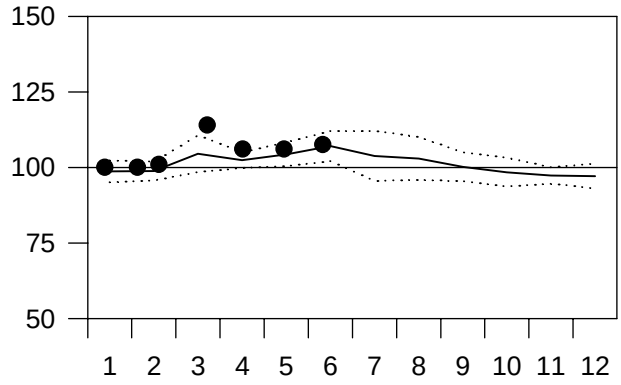
DIN µmol/l



SiO_3 µmol/l

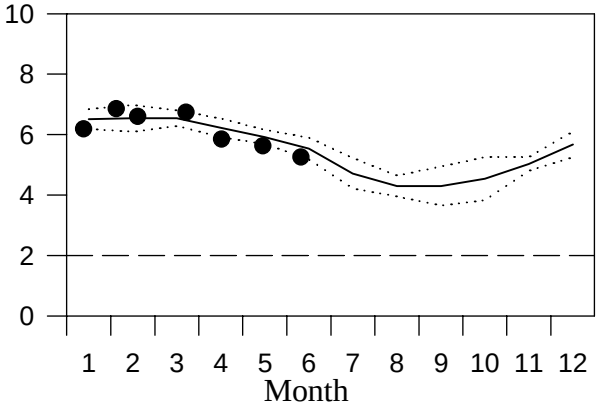


O_2 saturation %

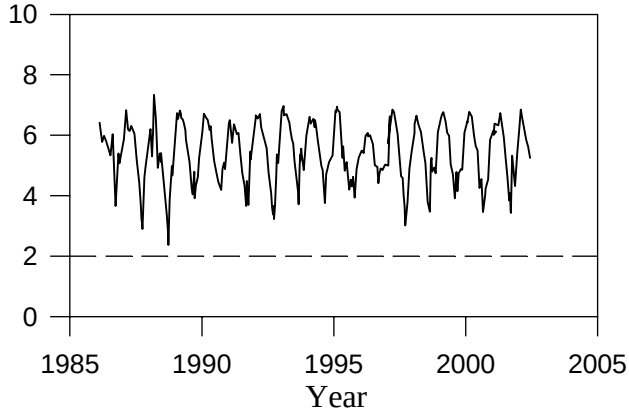


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

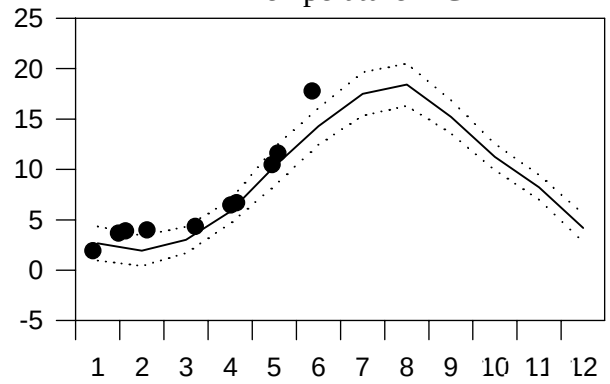


STATION ANHOLT E SURFACE WATER

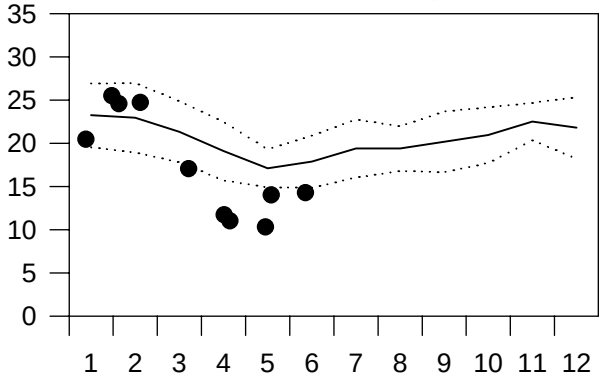
Annual Cycles

Mean 1990-1999 ····· St.Dev. ● 2002

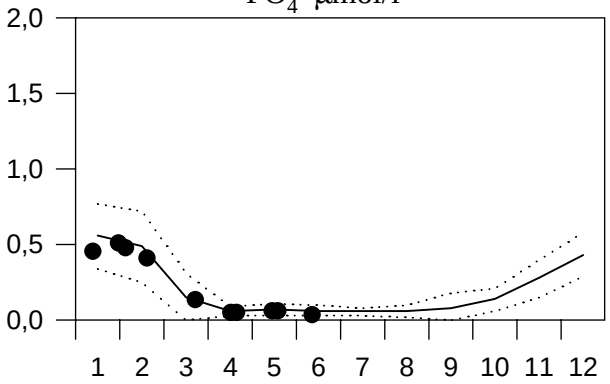
Temperature °C



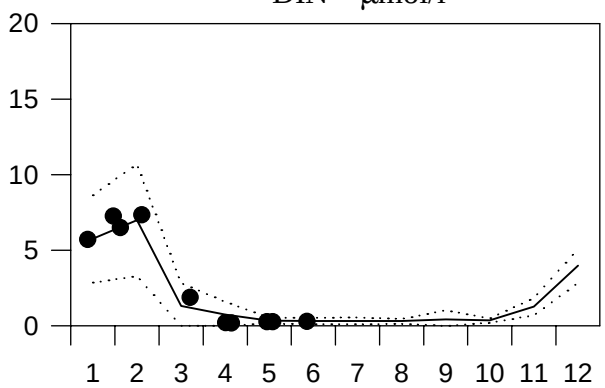
Salinity psu



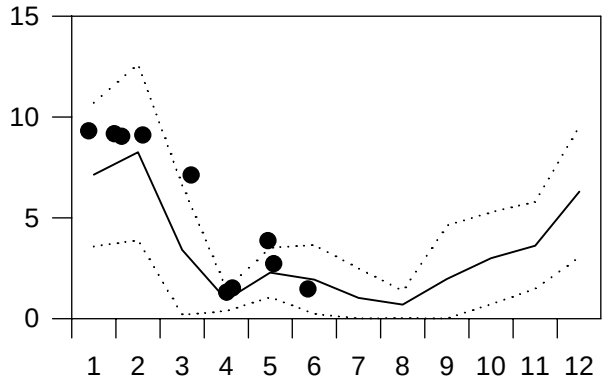
PO_4 µmol/l



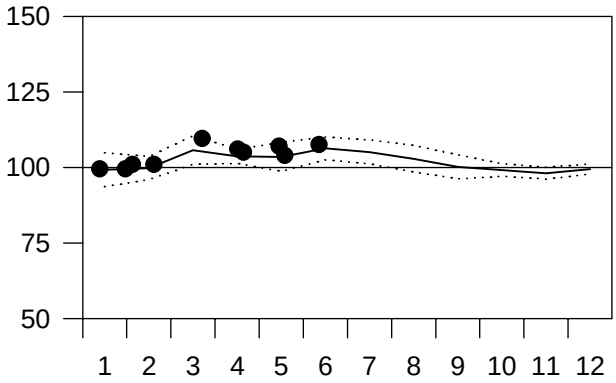
DIN µmol/l



SiO_3 µmol/l

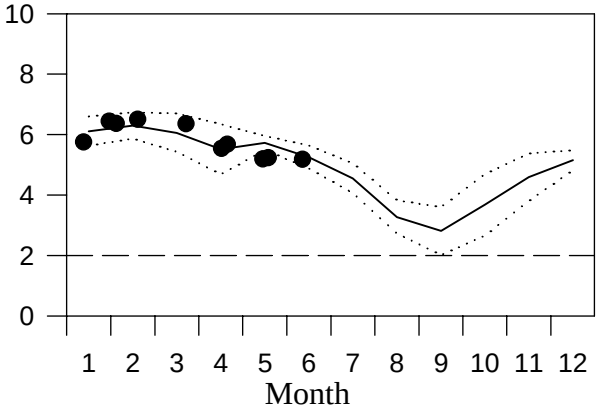


O_2 saturation %

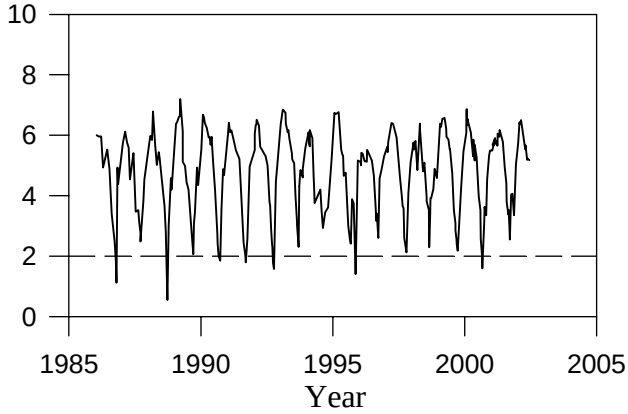


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

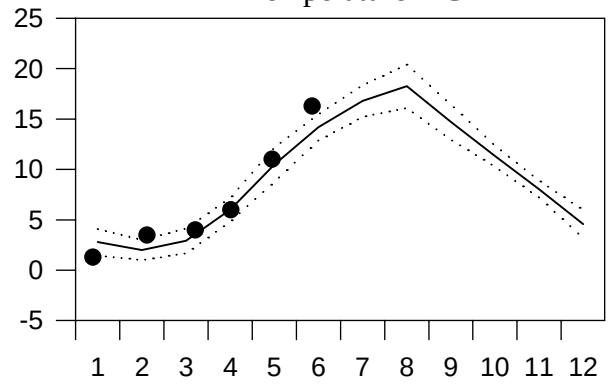


STATION W LANDSKRONA SURFACE WATER

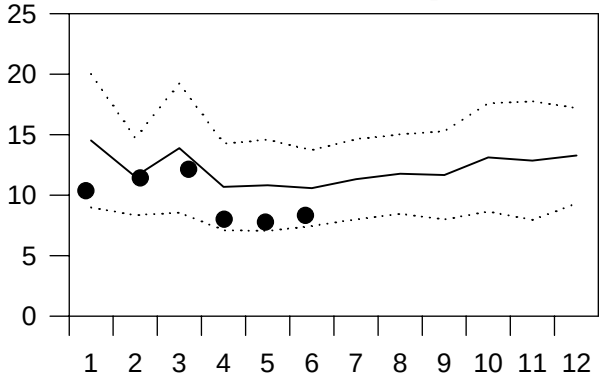
Annual Cycles

Mean 1990-1999 ····· St.Dev. ● 2002

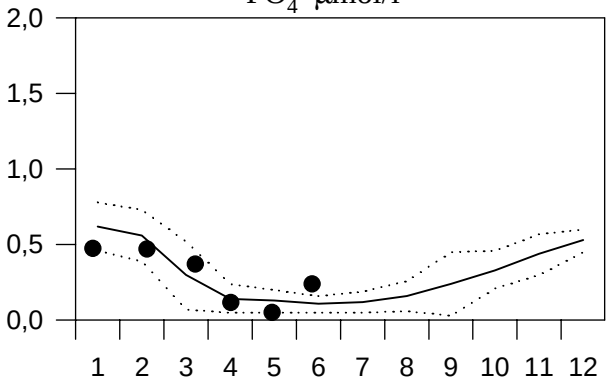
Temperature °C



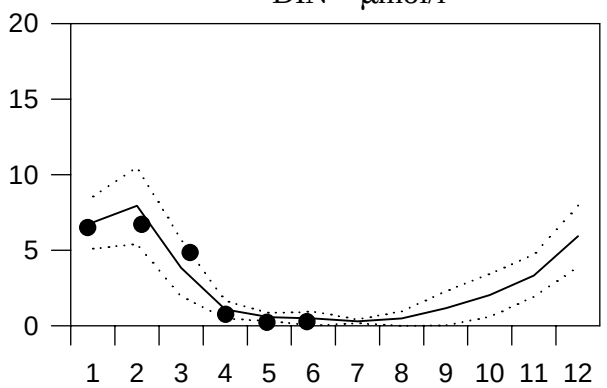
Salinity psu



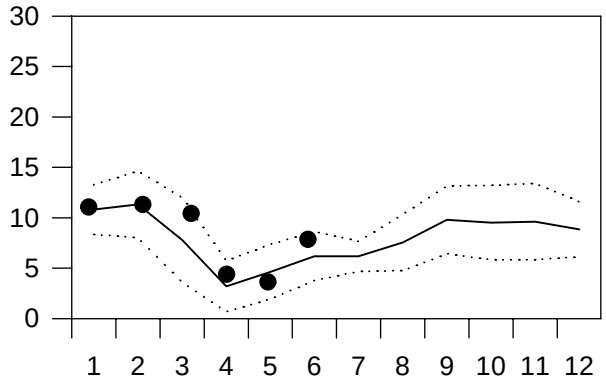
PO_4 µmol/l



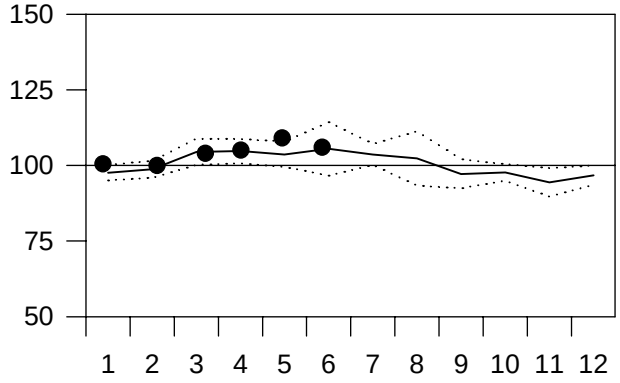
DIN µmol/l



SiO_3 µmol/l

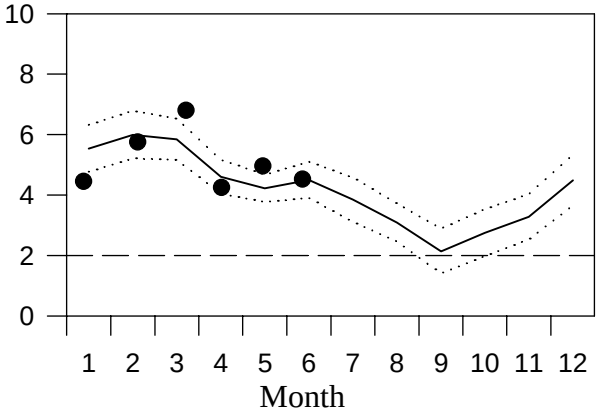


O_2 saturation %

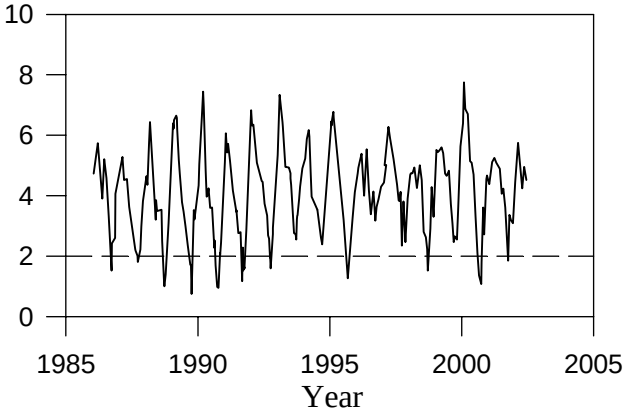


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

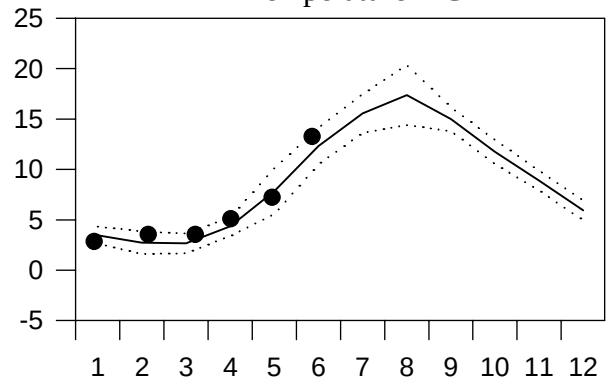


STATION BY1 SURFACE WATER

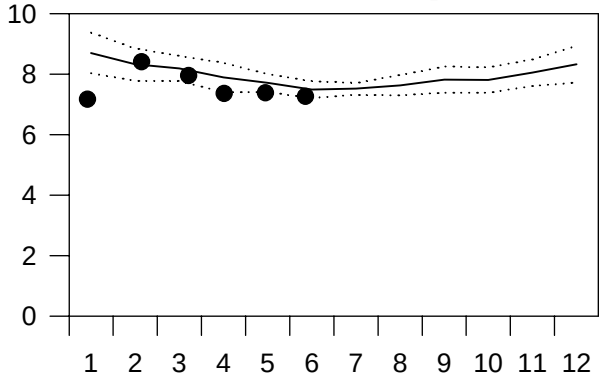
Annual Cycles

Mean 1990-1999 ····· St.Dev. ● 2002

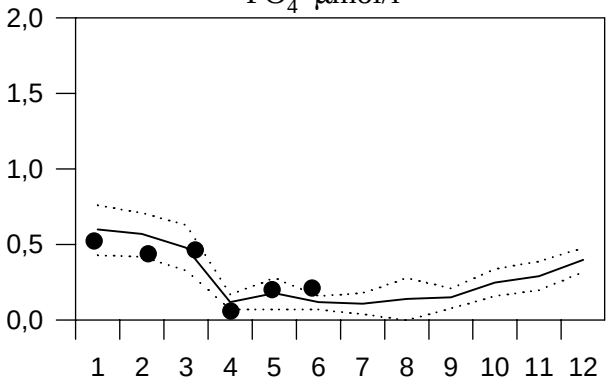
Temperature °C



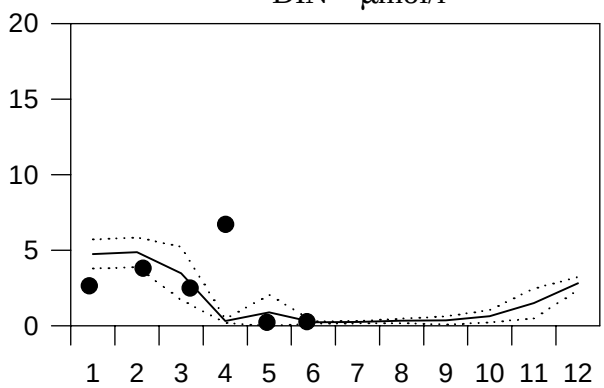
Salinity psu



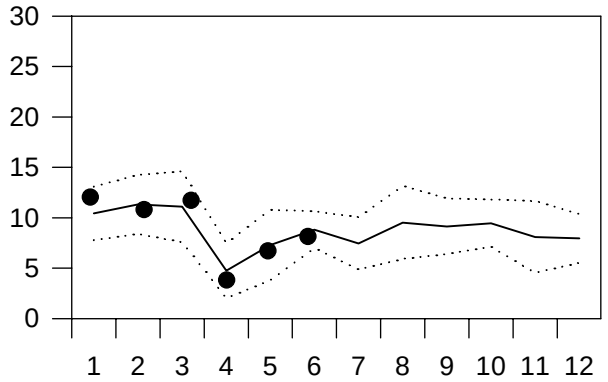
PO_4 µmol/l



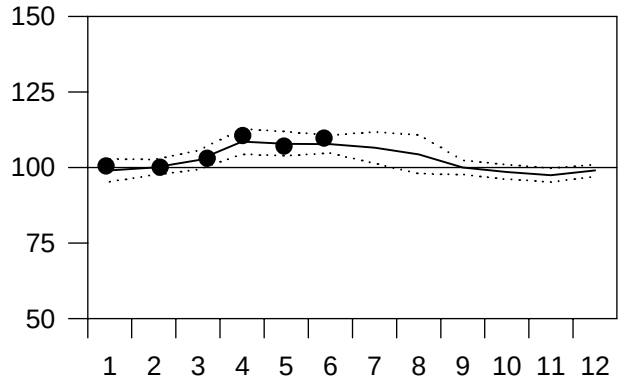
DIN µmol/l



SiO_3 µmol/l

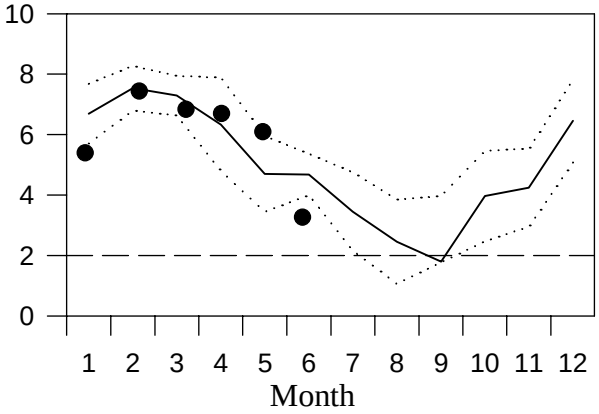


O_2 saturation %

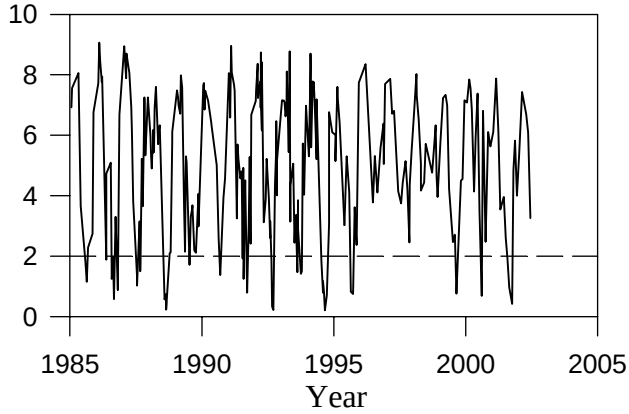


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

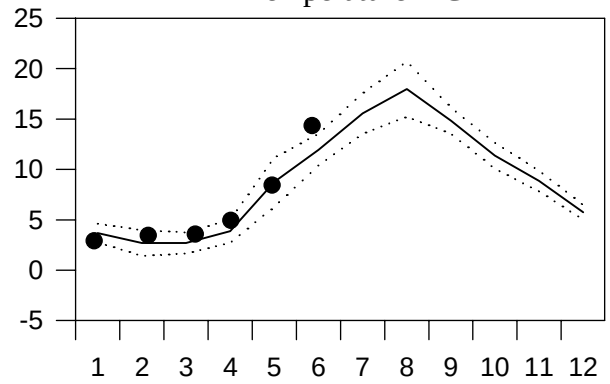


STATION BY2 SURFACE WATER

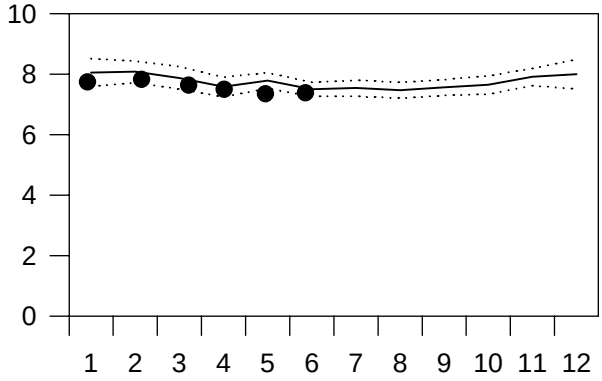
Annual Cycles

Mean 1990-1999 ····· St.Dev. ● 2002

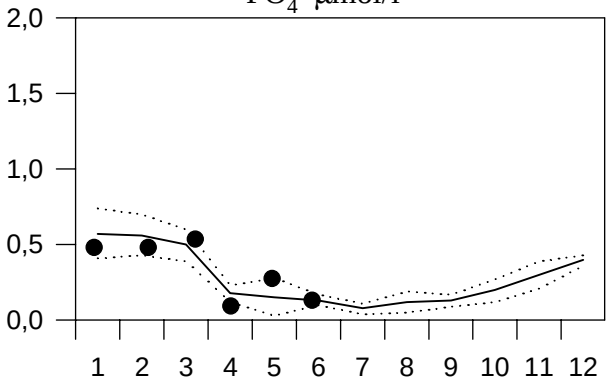
Temperature °C



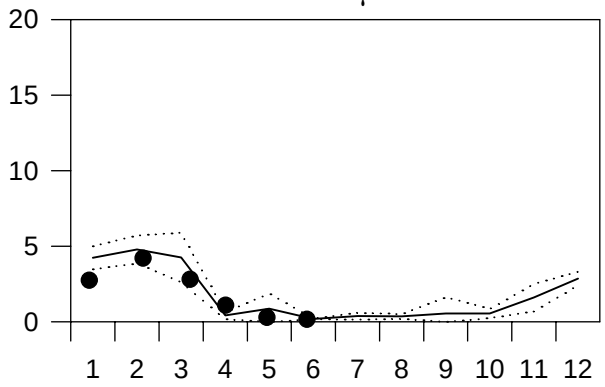
Salinity psu



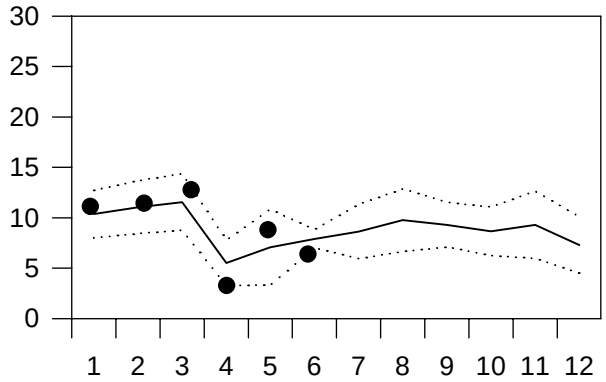
PO_4 µmol/l



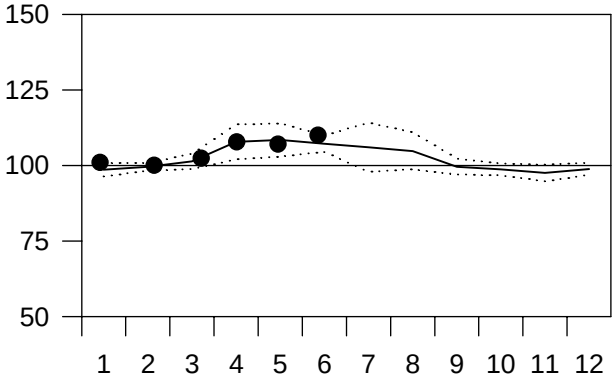
DIN µmol/l



SiO_3 µmol/l

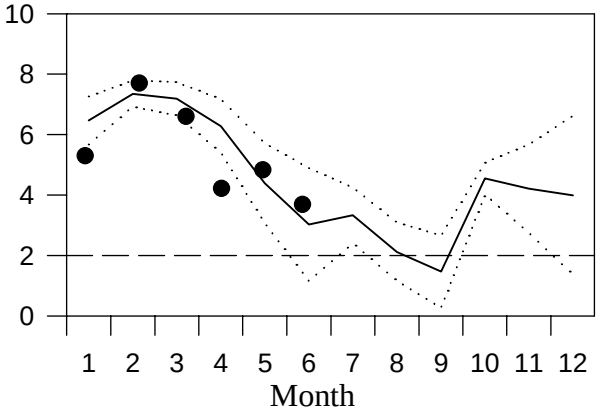


O_2 saturation %

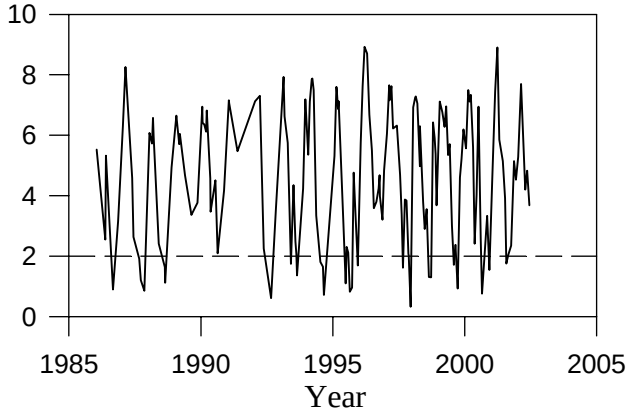


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

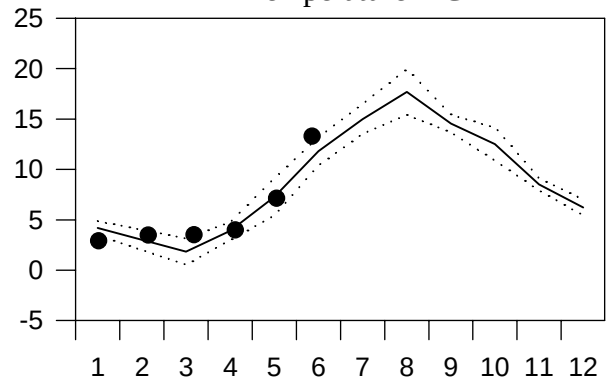


STATION HANÖBUKTEN SURFACE WATER

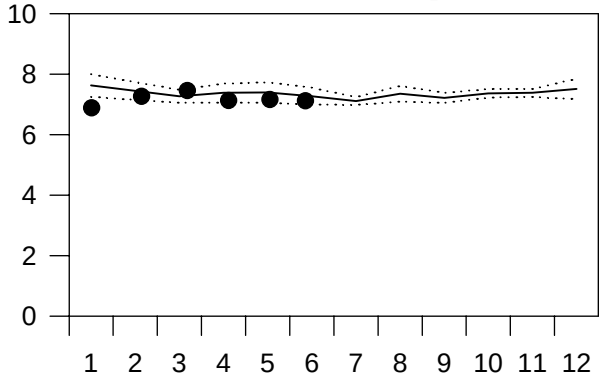
Annual Cycles

Mean 1990-1999 ····· St.Dev. ● 2002

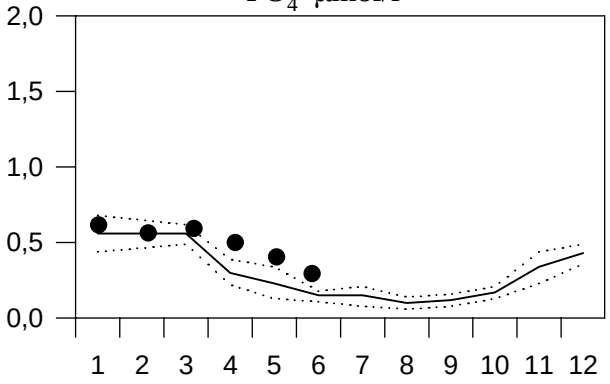
Temperature °C



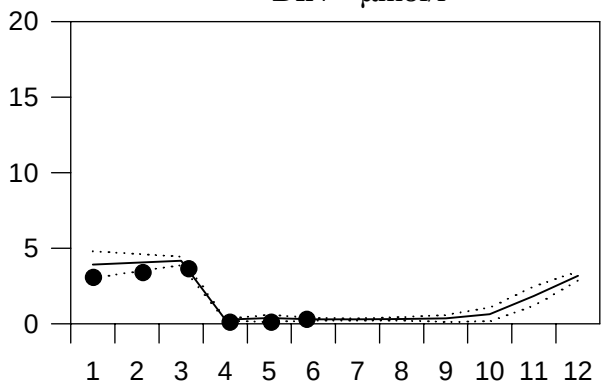
Salinity psu



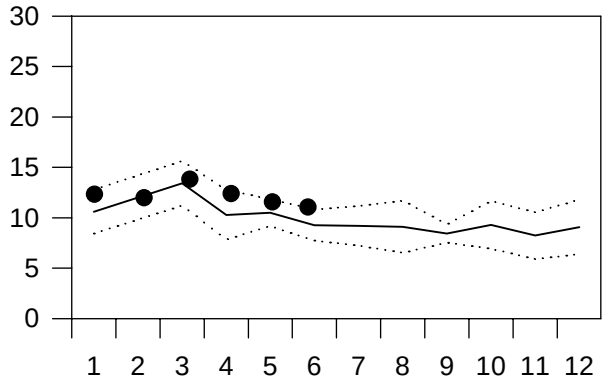
PO_4 µmol/l



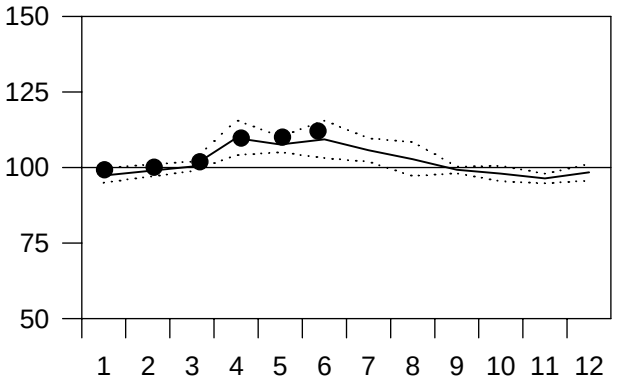
DIN µmol/l



SiO_3 µmol/l

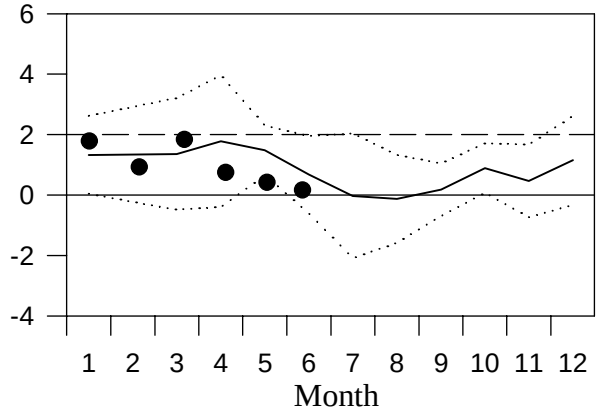


O_2 saturation %

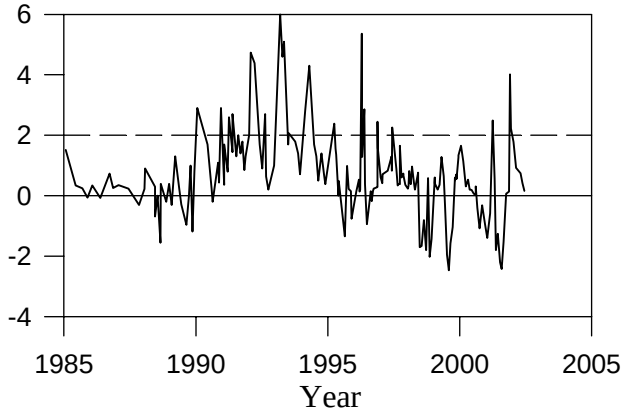


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

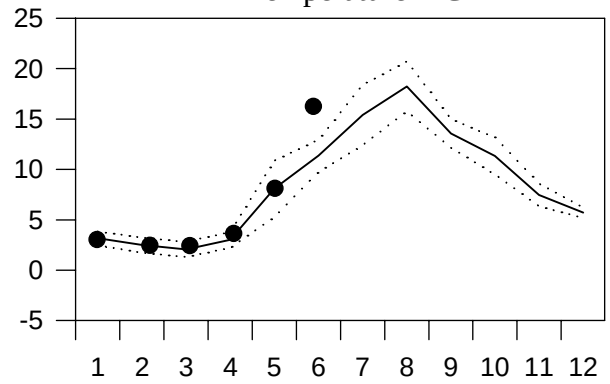


STATION BY38 SURFACE WATER

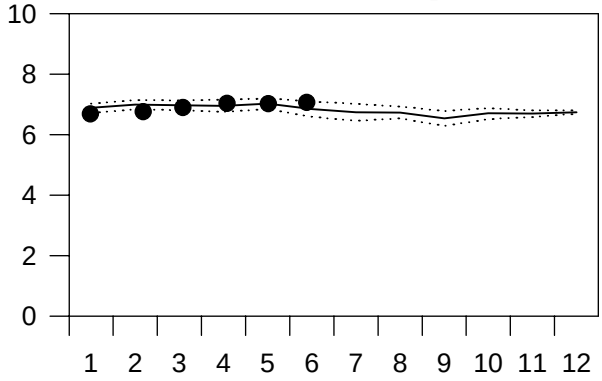
Annual Cycles

Mean 1990-1999 ····· St.Dev. ● 2002

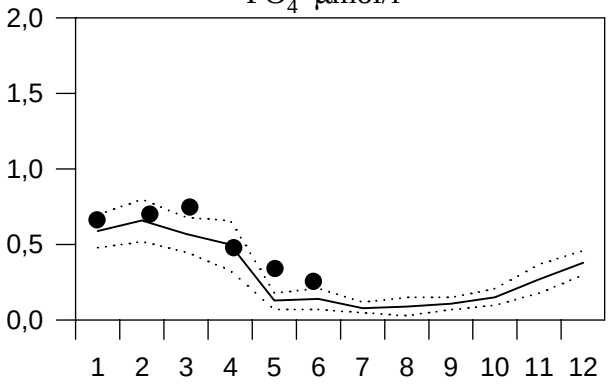
Temperature °C



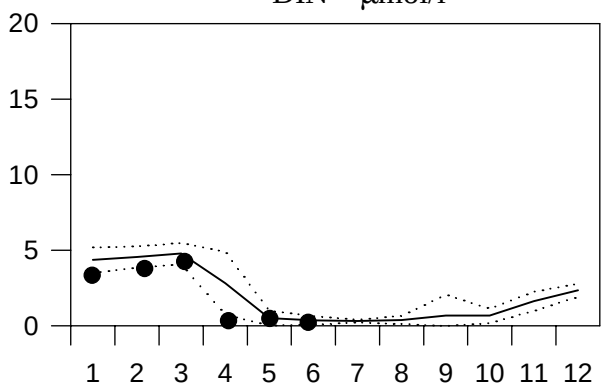
Salinity psu



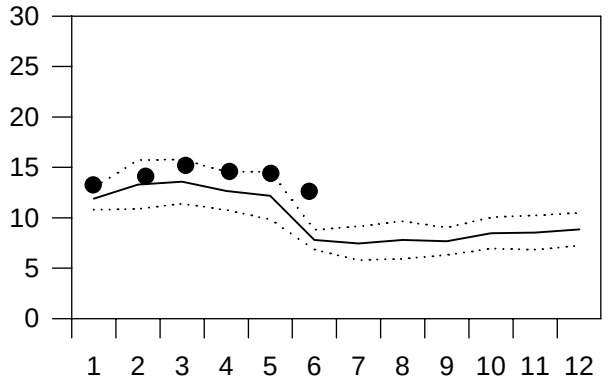
PO_4 µmol/l



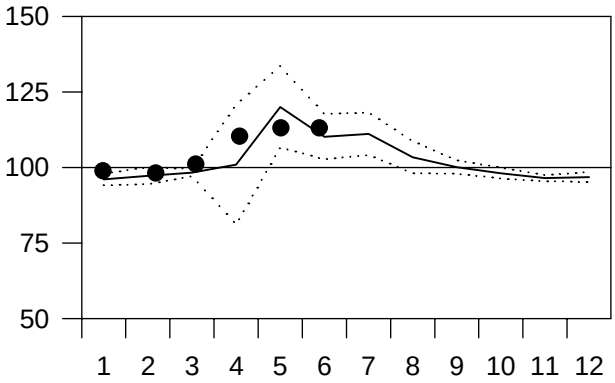
DIN µmol/l



SiO_3 µmol/l

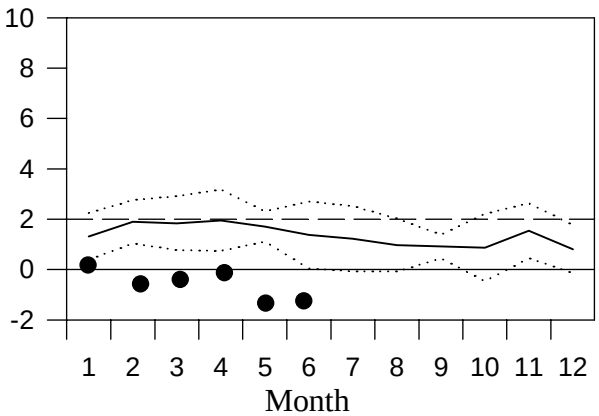


O_2 saturation %

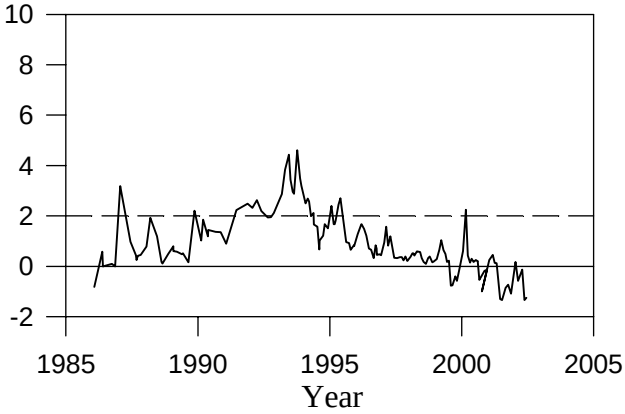


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

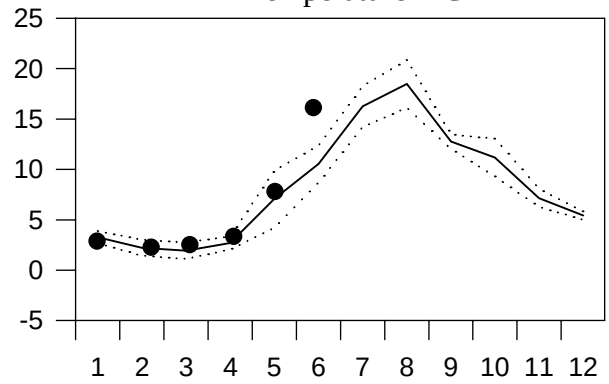


STATION BY32 SURFACE WATER

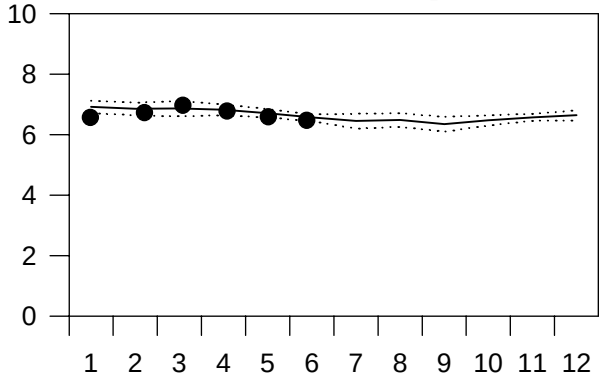
Annual Cycles

Mean 1990-1999 ····· St.Dev. ● 2002

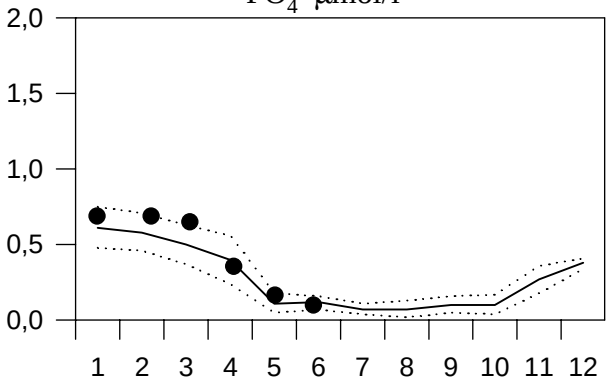
Temperature °C



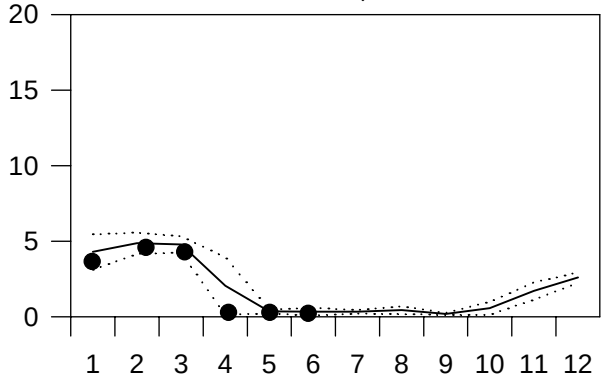
Salinity psu



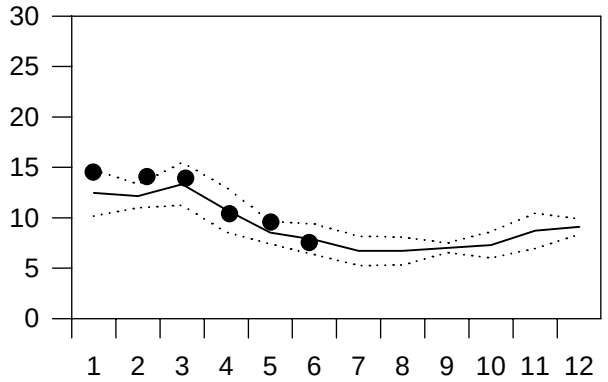
PO_4 µmol/l



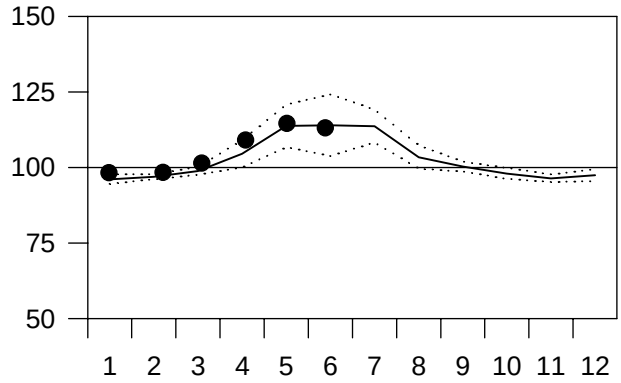
DIN µmol/l



SiO_3 µmol/l

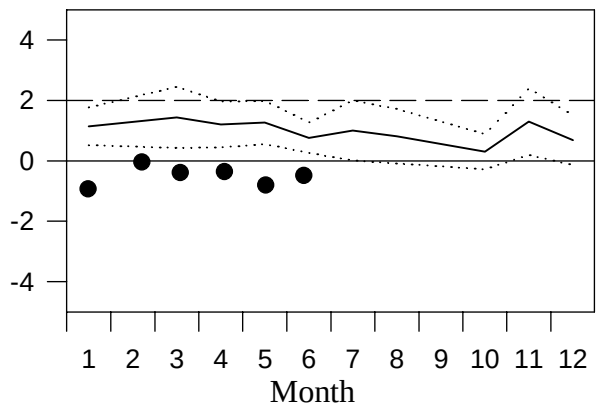


O_2 saturation %

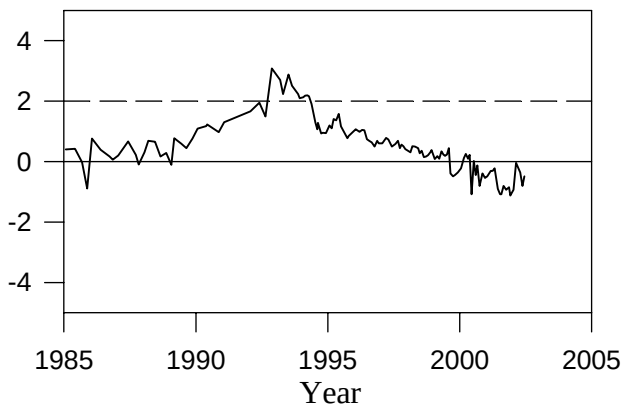


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

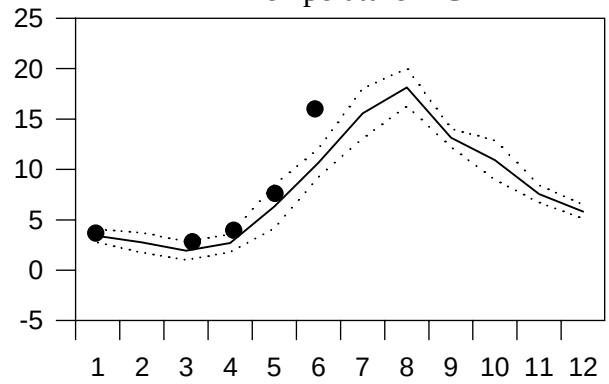


STATION BY20 SURFACE WATER

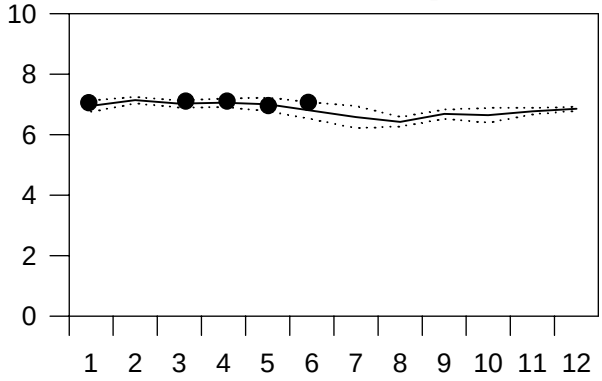
Annual Cycles

Mean 1990-1999 ····· St.Dev. ● 2002

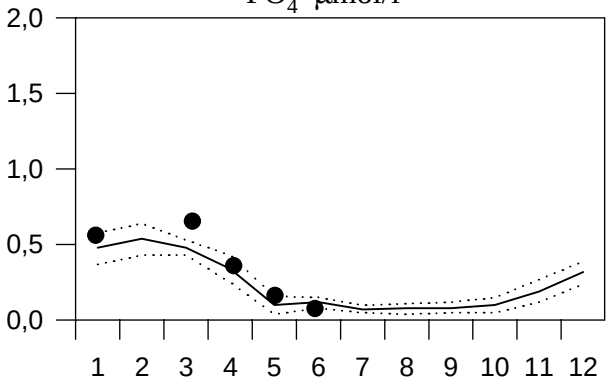
Temperature °C



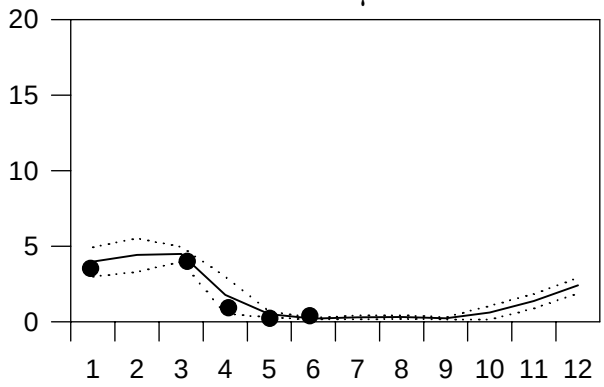
Salinity psu



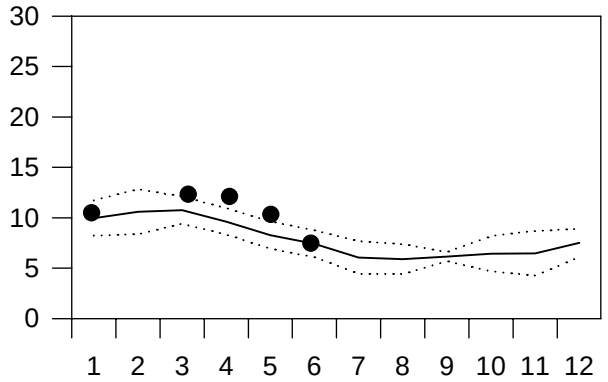
PO_4 µmol/l



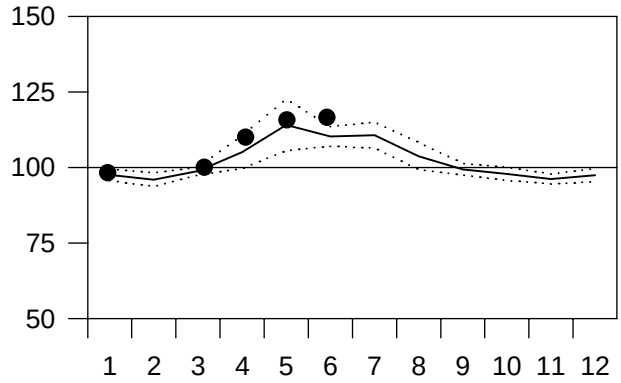
DIN µmol/l



SiO_3 µmol/l

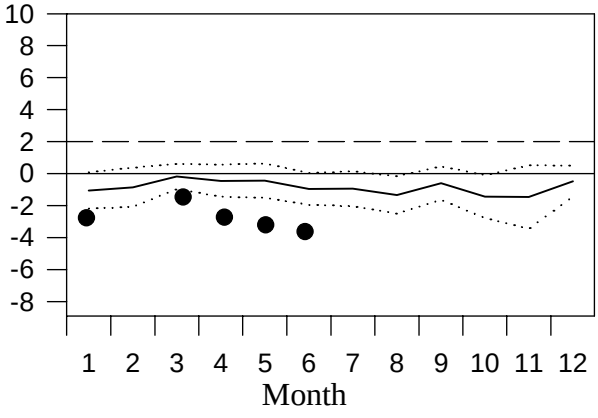


O_2 saturation %

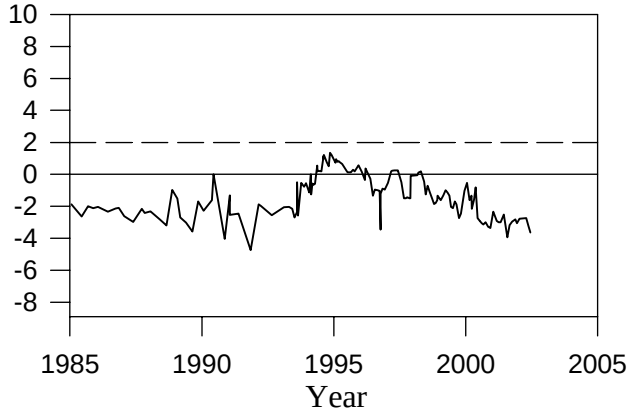


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

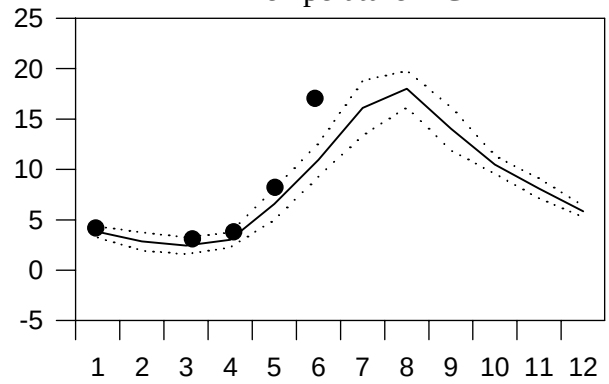


STATION BY15 SURFACE WATER

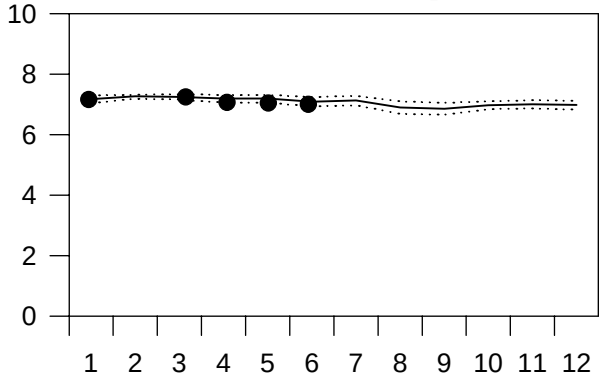
Annual Cycles

Mean 1990-1999 ····· St.Dev. ● 2002

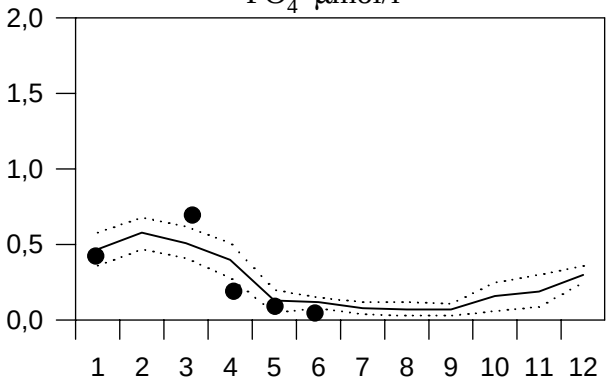
Temperature °C



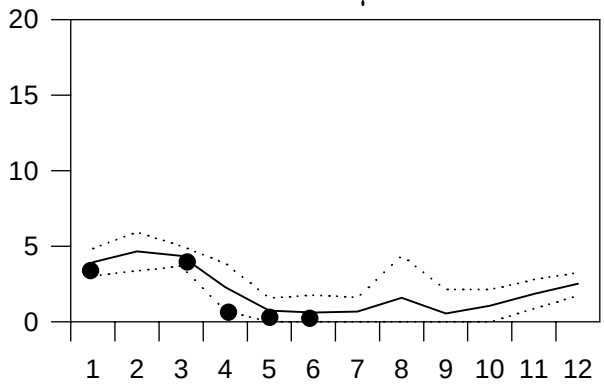
Salinity psu



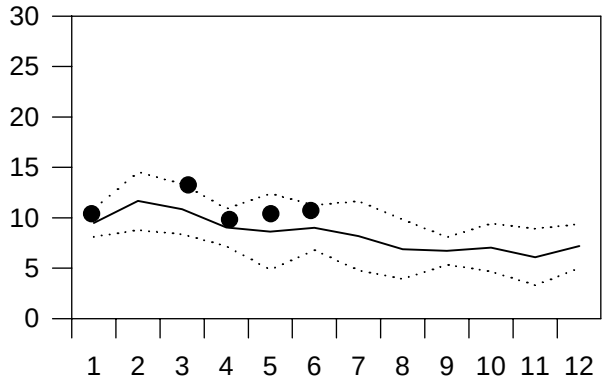
PO_4 µmol/l



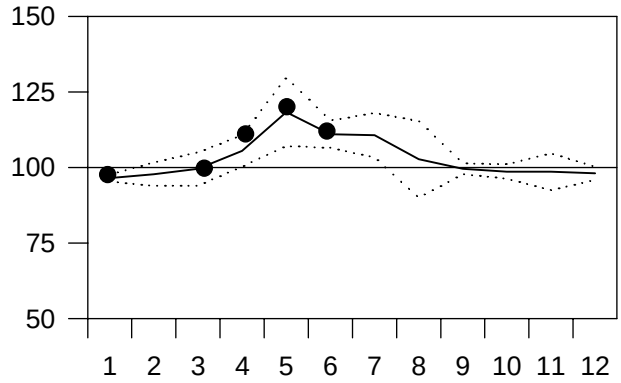
DIN µmol/l



SiO_3 µmol/l

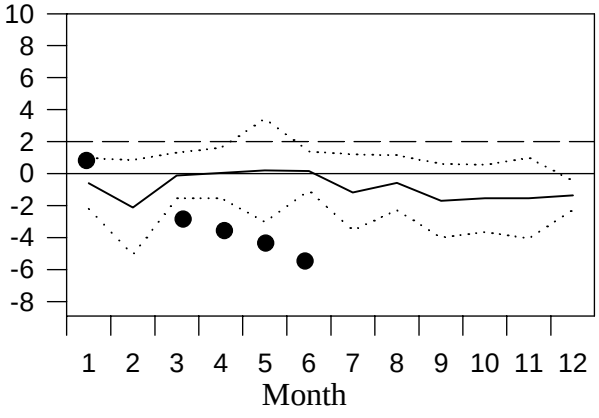


O_2 saturation %

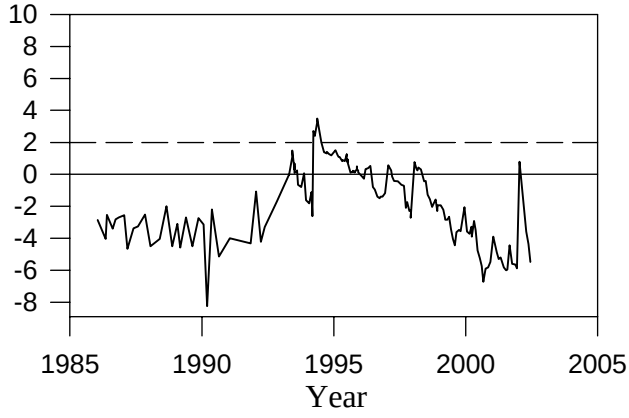


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

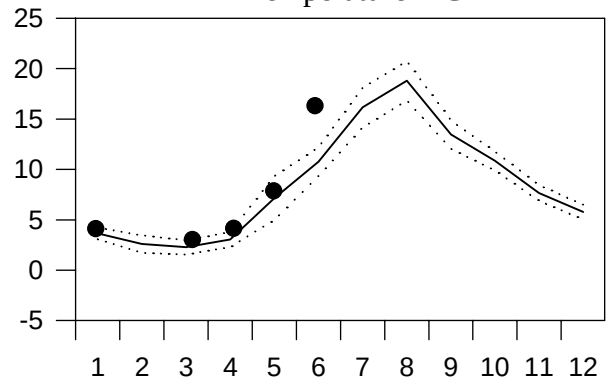


STATION BY10 SURFACE WATER

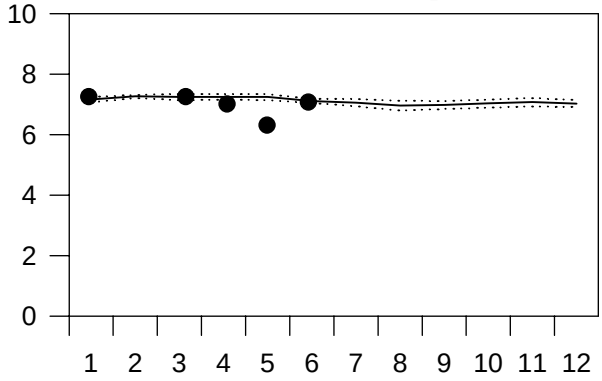
Annual Cycles

Mean 1990-1999 ····· St.Dev. ● 2002

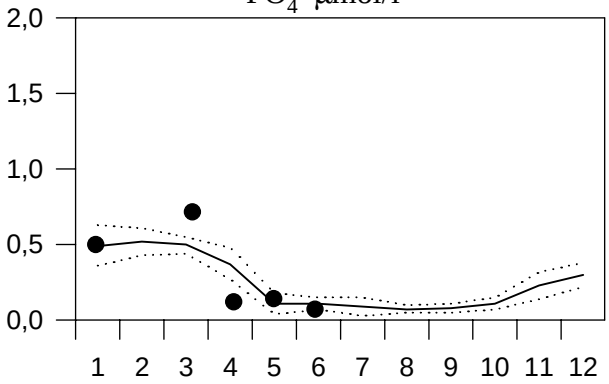
Temperature °C



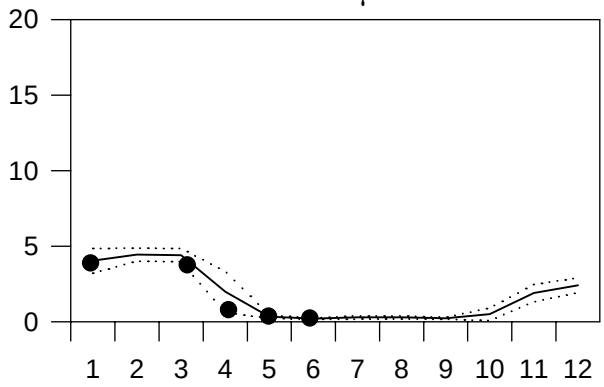
Salinity psu



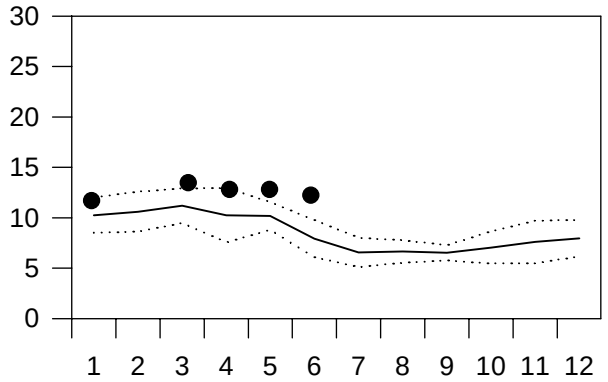
PO_4 µmol/l



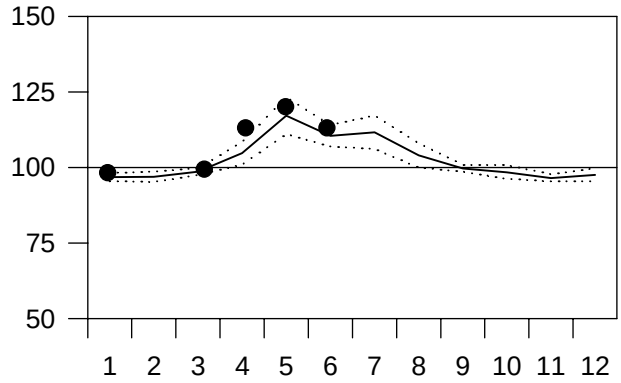
DIN µmol/l



SiO_3 µmol/l

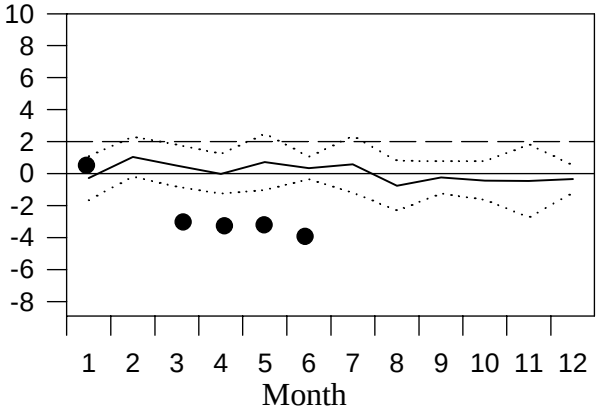


O_2 saturation %

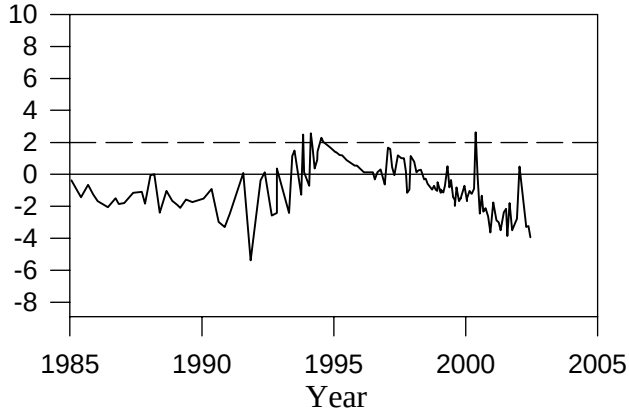


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

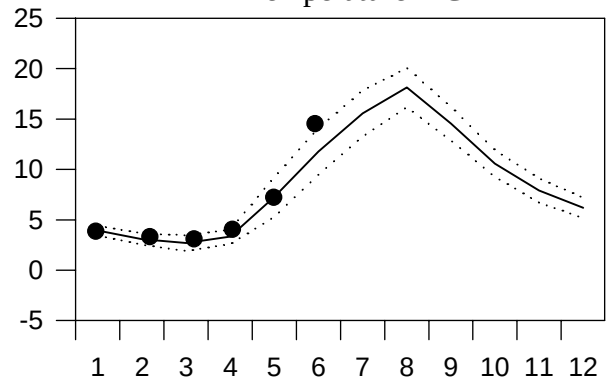


STATION BCS III-10 SURFACE WATER

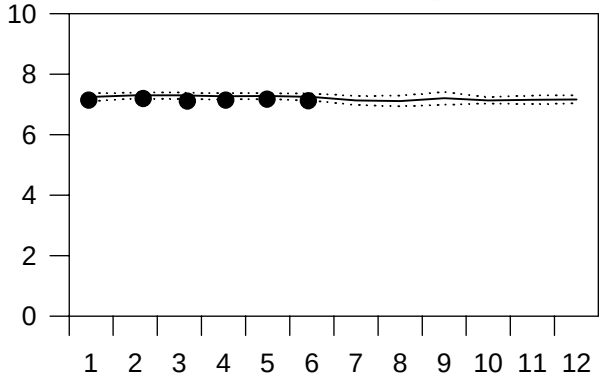
Annual Cycles

Mean 1990-1999 ····· St.Dev. ● 2002

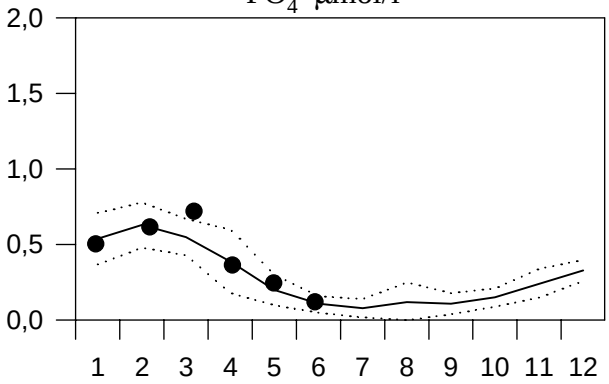
Temperature °C



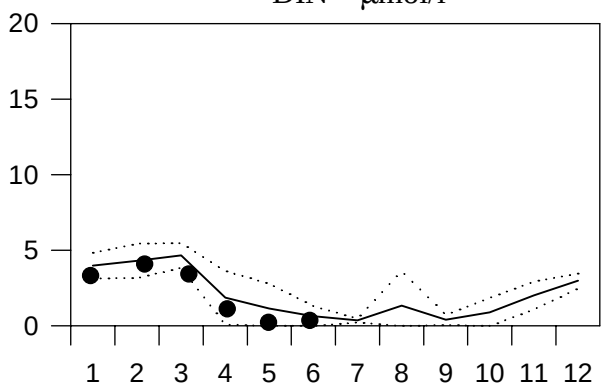
Salinity psu



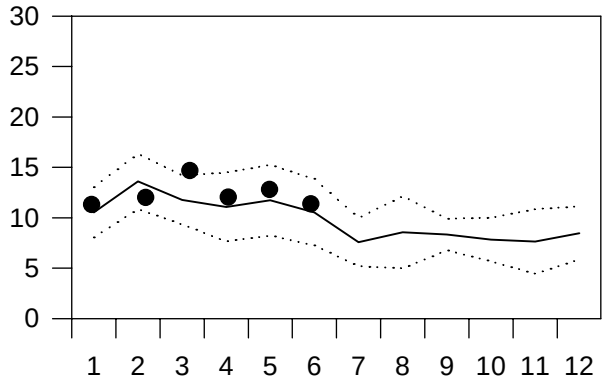
PO_4 µmol/l



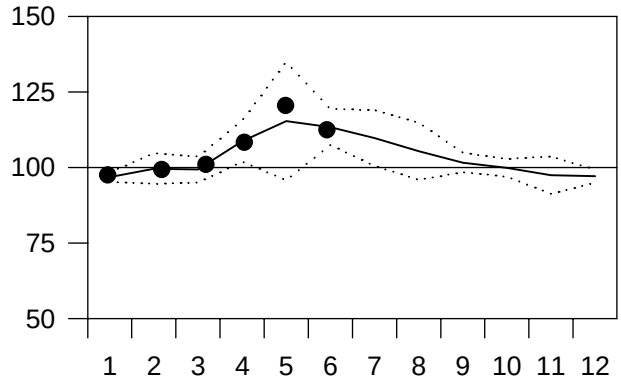
DIN µmol/l



SiO_3 µmol/l

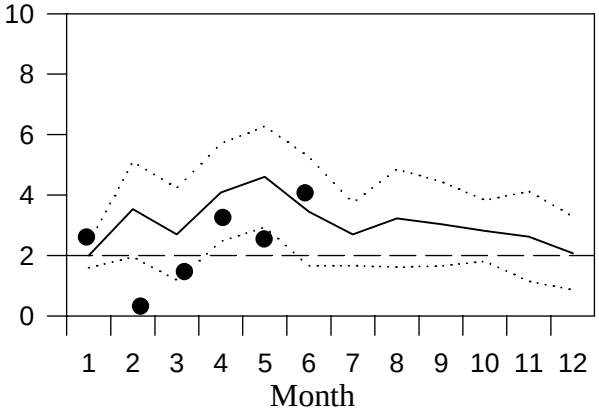


O_2 saturation %

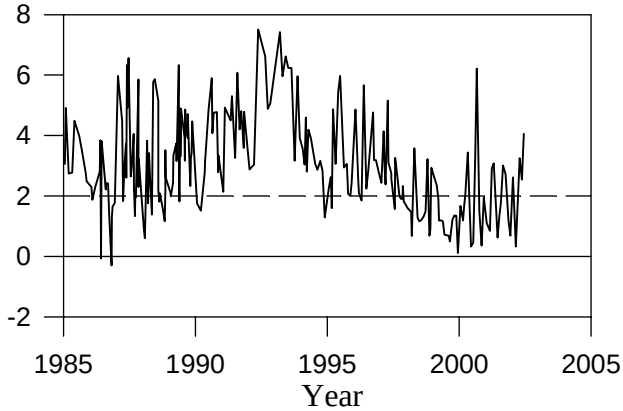


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

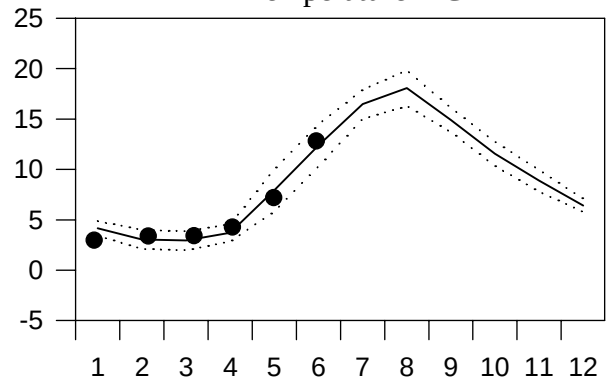


STATION BY5 SURFACE WATER

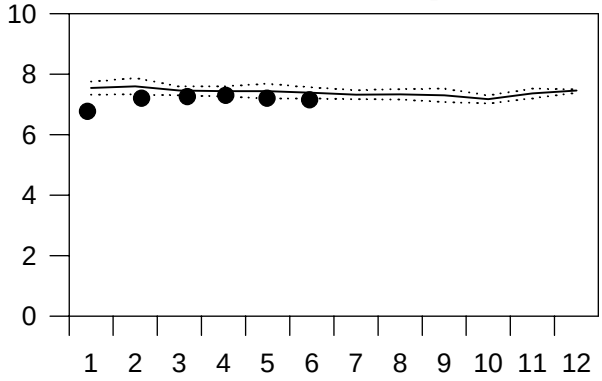
Annual Cycles

Mean 1990-1999 ····· St.Dev. ● 2002

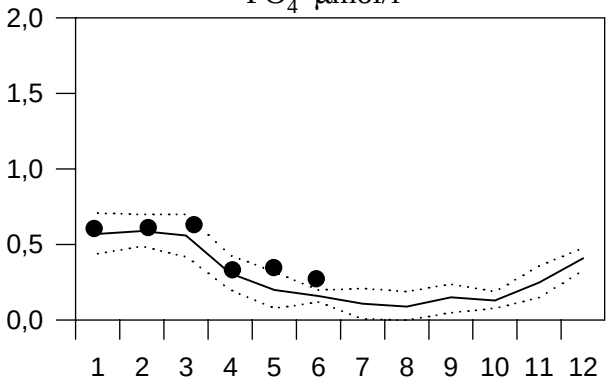
Temperature °C



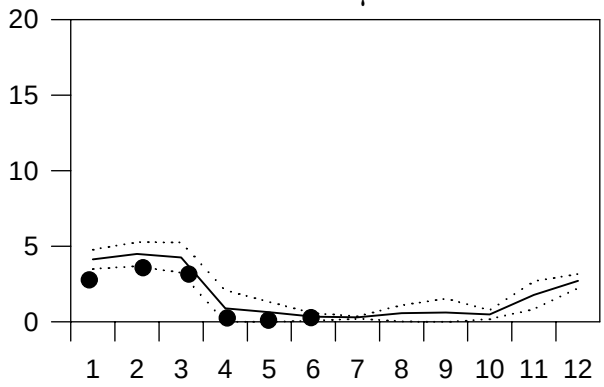
Salinity psu



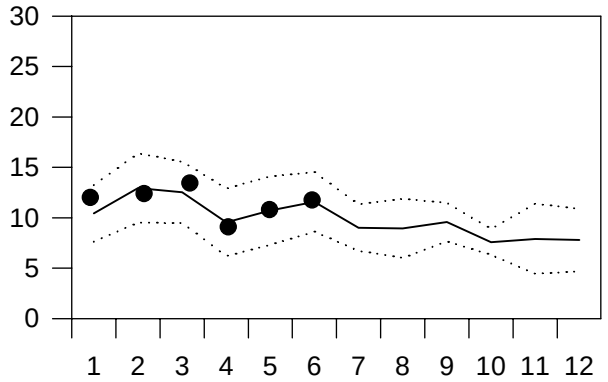
PO_4 µmol/l



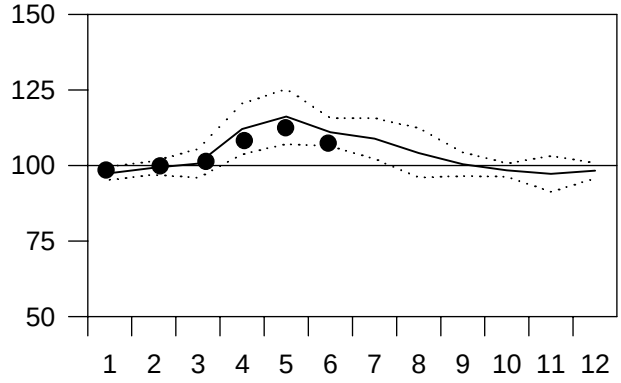
DIN µmol/l



SiO_3 µmol/l

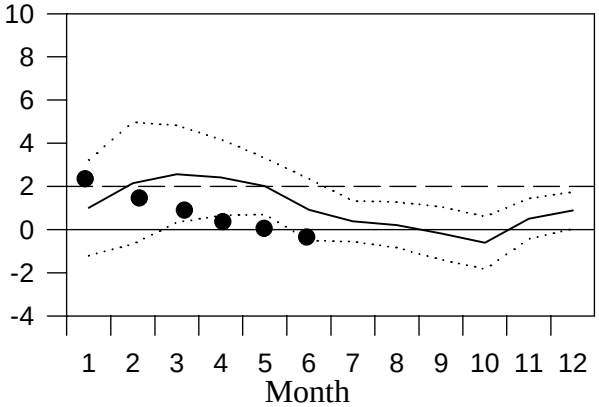


O_2 saturation %

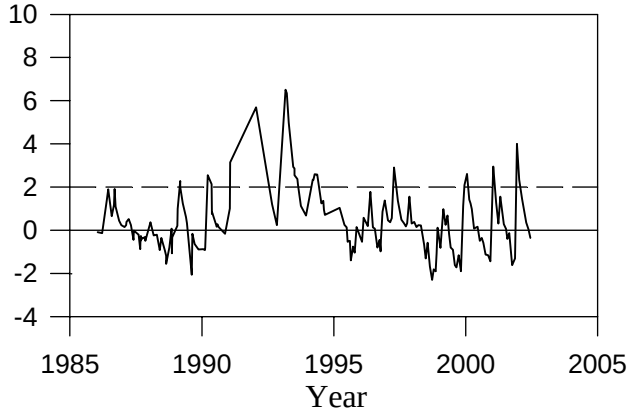


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

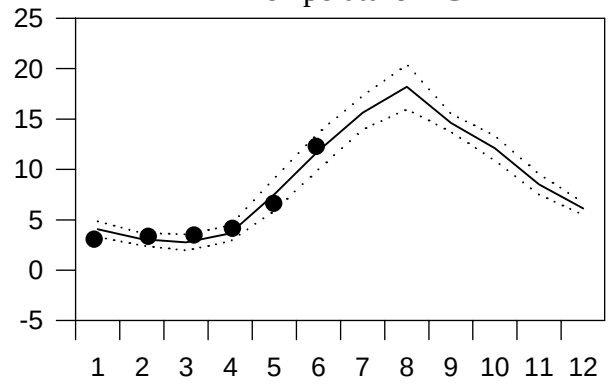


STATION BY4 SURFACE WATER

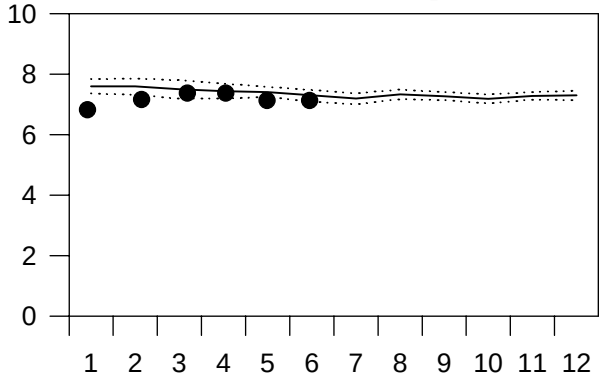
Annual Cycles

Mean 1990-1999 ····· St.Dev. ● 2002

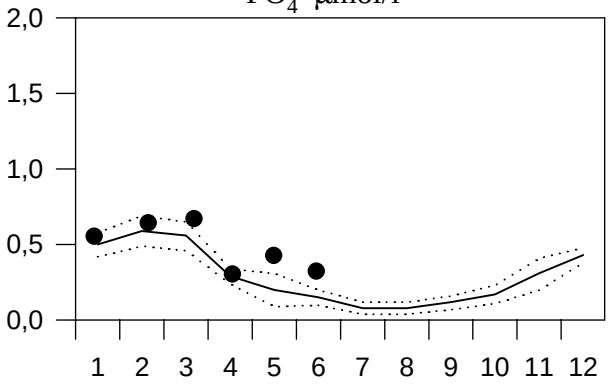
Temperature °C



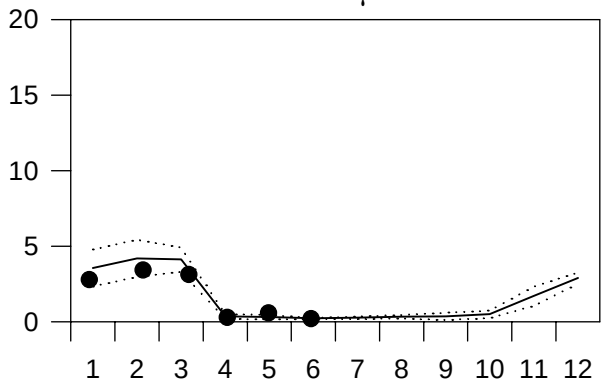
Salinity psu



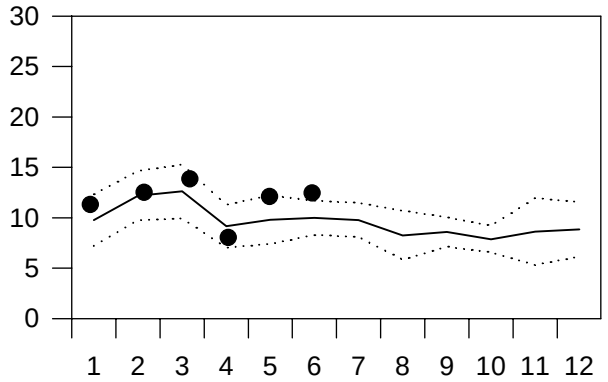
PO_4 µmol/l



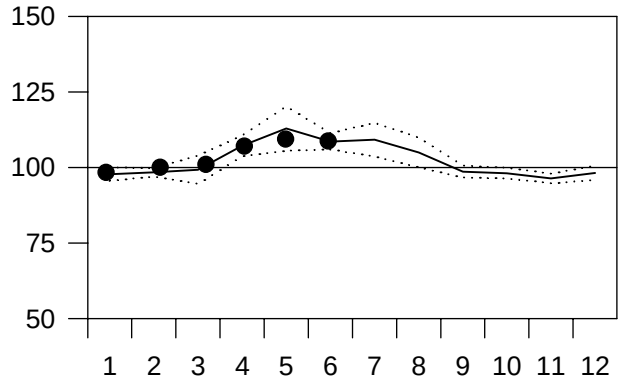
DIN µmol/l



SiO_3 µmol/l

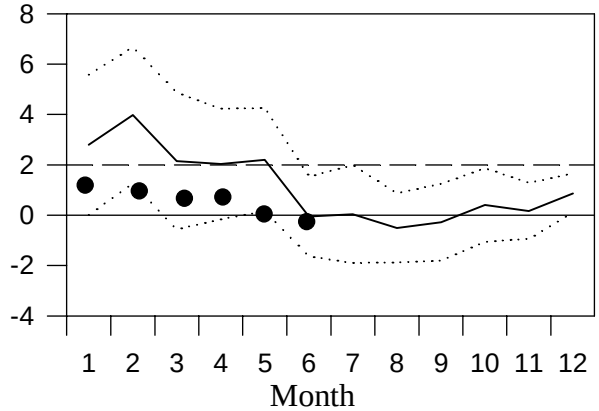


O_2 saturation %



OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l