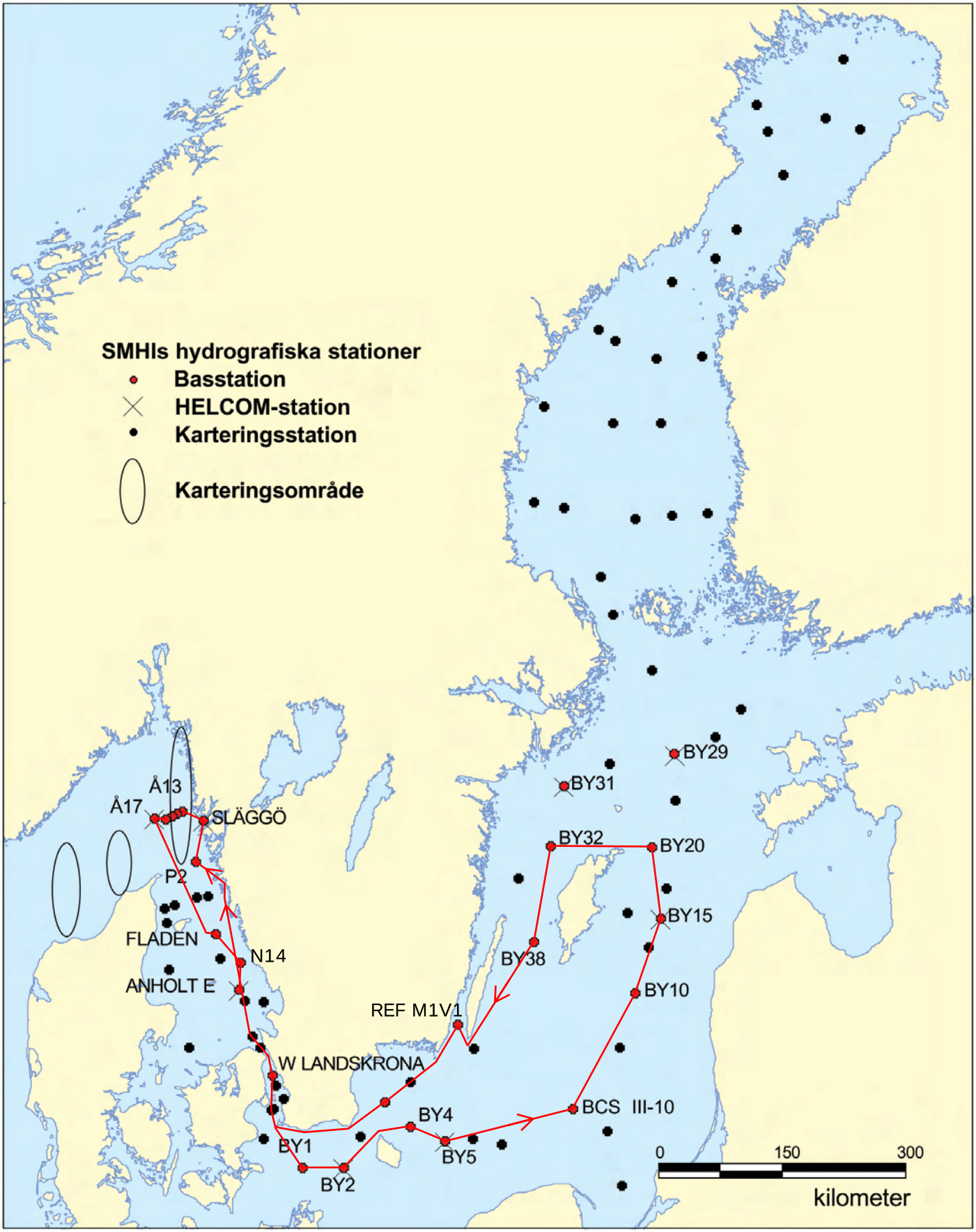
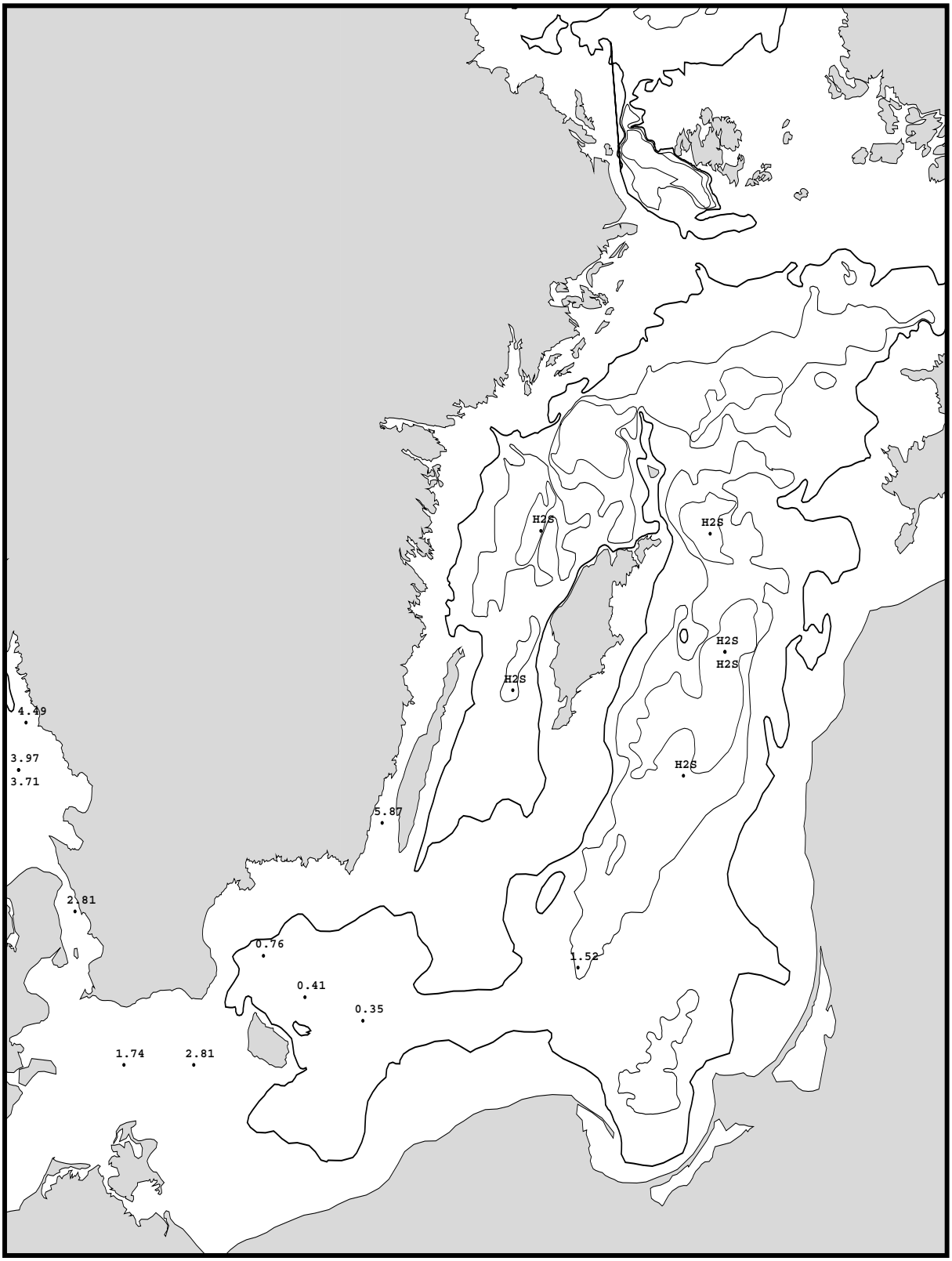

SMHIs hydrografiska stationer
Basstation
HELCOM-station
Karteringsstation
Karteringsområde
Å13
Å17
SLÄGGÖ
P2
FLADEN
N14
ANHOLT E
REF M1V1
W LANDSKRONA
BY1
BY2
BY4
BY5
BY38
BY29
BY31
BY32
BY20
BY15
BY10
BCS III-10
0
150
300
kilometer

SMHI ***** Hydrographic Ship: 14-Argos ****** Date: 2008-08-02
Ocean enh ***** series Year: 2008 ****** Time: 13:51

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	Ctd	PPCPZZT	Node	Temp	Salin	Ph	Oxyg	H2S	Po4P	TotP	No2N	No3N	Nh4N	TotN	Alkal	SiO3	Humus	Ligni	PON	POC	TOC	Comm
0388	SKEX23	BAS	P2	N5752	E1118	20080728	1050	98	8	31	3	22	1022	1110	x	--x----	10	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0389	FIBG27	BAS	SLÄGGÖ	N5815.5	E1126.0	20080728	1340	74	7	30	7	24	1021	0020	x	--xxx--	9	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0390	SKEX14	BAS	Å13	N5820.2	E1102	20080728	1535	99	6	34	2	23.3	1020	0020	x	--x----	10	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0391	SKEX15	BAS	Å14	N5819	E1056.5	20080728	1615	110		34	2	23.3	1020	0020	x	-------	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0392	SKEX16	BAS	Å15	N5817.7	E1051	20080728	1705	133		35	3	22.5	1020	0020	x	--x----	12	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0393	SKEX17	BAS	Å16	N5816	E1043.5	20080728	1753	200		35	3	22.6	1020	0020	x	-------	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0394	SKEX18	BAS	Å17	N5816.5	E1030.8	20080728	1905	340		35	2	23.0	1020	1110	x	--xxx--	14	x	x	x	x	-	x	x	x	x	x	x	x	x	-	-	-	-	-	x
0395	KANX19	BAS	LASO-E (SEAWATCH BUOY)	N5711.45	E1131.95	20080729	0300	62		10	4	22	1020	4010	x	--x----	13	x	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0396	KANX25	BAS	FLADEN	N5711.5	E1140	20080729	0350	87		10	4	22	1020	0020	x	--x----	12	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0397	KANX50	BAS	N14 FALKENBERG	N5656.40	E1212.70	20080729	0655	32	8	12	6	20.3	1020	1120	x	-xxxx--	7	x	x	x	x	-	x	x	x	x	x	x	x	x	-	-	-	-	-	-
0398	KAEX29	BAS	ANHOLT E	N5640.0	E1207.0	20080729	0920	64	9.5	12	5	21.1	1021	1120	x	-xxxx--	10	x	x	x	x	-	x	x	x	x	x	x	x	x	-	-	-	-	-	-
0399	SOCX39	BAS	W LANDSKRONA	N5552.0	E1245.0	20080729	1525	52	7	20	6	22	1019	0020	x	--x----	9	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0400	SOSX48	EXT	DROGDEN E	N5532.40	E1243.75	20080729	1740	11		11	11	21.4	1020	0020	x	-------	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0401	BPSA02	BAS	BY1	N5500	E1318	20080729	2230	45		10	11	19.6	1020	9990	x	--x----	8	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0402	BPSA03	BAS	BY2 ARKONA	N5500	E1405	20080730	0140	46		10	8	19.3	1020	9990	x	--xxx--	8	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0403	BPSB06	BAS	BY4 CHRISTIANSÖ	N5523	E1520	20080730	0735	94	5	10	3	20	1022	1120	x	--x----	13	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0404	BPSB07	BAS	BY5 BORNHOLMSDJ	N5515	E1559	20080730	1025	91	3	05	0	20.6	1022	0020	x	-xxxx--	12	x	x	x	x	-	x	x	x	x	x	x	x	x	-	-	-	-	-	-
0405	BPSE11	BAS	BCS III-10	N5533.3	E1824	20080730	1750	92		36	5	19.3	1021	1120	x	--xx---	12	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0406	BPEX13	BAS	BY10	N5638	E1935	20080731	0245	145		12	1	18.6	1022	0020	x	--x----	15	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0407	BPEX21	BAS	BY15 GOTLANDSDJ	N5720	E2003	20080731	0705	244	4	18	3	19.3	1022	1110	x	-xxxx--	19	x	x	x	x	x	x	x	x	x	x	x	x	x	-	-	-	-	-	x
0408	BPEX21	EXT	BY15 GOTLANDSDJ	N5720	E2003	20080731	0755	244		18	3	19.3	1022	1110	x	-------	6	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0409	BPEX26	BAS	BY20 FÅRÖDJ	N5800	E1953	20080731	1230	200	4	20	8	20.2	1021	1130	x	--x----	17	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0410	BPWX38	BAS	BY32 NORRKÖPINGSDJ	N5801	E1759	20080731	1900	208		20	9	21.6	1018	1130	x	--x----	17	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0411	BPWX45	BAS	BY38 KARLSÖDJ	N5707	E1740	20080801	0120	111		23	9	21.1	1018	9990	x	--x----	14	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0412	BPWK01	BAS	REF M1V1	N5622.25	E1612.1	20080801	0940	20	5	17	5	20.4	1017	0020	x	-xxxx--	5	x	x	x	x	-	x	x	x	x	x	x	x	x	-	-	-	-	-	-
0413	BPSH05	BAS	HANÖBUKTEN	N5537	E1452	20080801	1525	80	4	11	8	21.0	1015	1130	x	--x----	11	x	x	-	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0414	KAEX29	BAS	ANHOLT E	N5640.0	E1207.0	20080802	0720	63	9	25	10	17.8	1011	2830	x	--xx---	10	x	x	x	x	-	x	x	x	x	x	x	-	x	-	-	-	-	-	x

Bottom water oxygen concentration (ml/l)

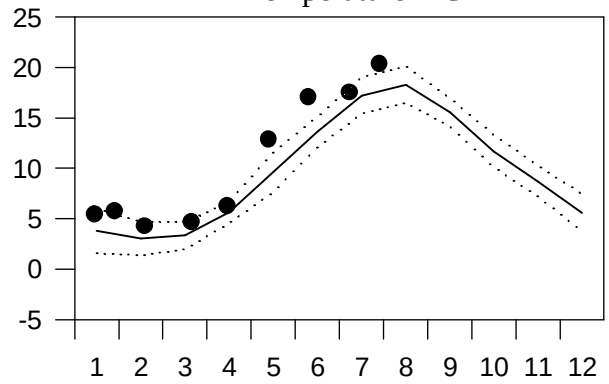
Country: Sweden
Ship : Argos
Date : 20080728-20080802
Series : 0388-0414



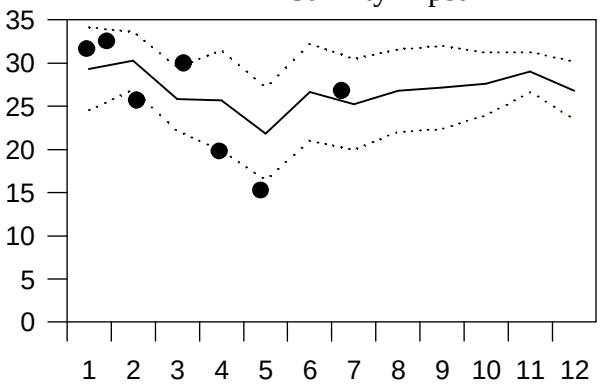
STATION P2 SURFACE WATER

Annual Cycles

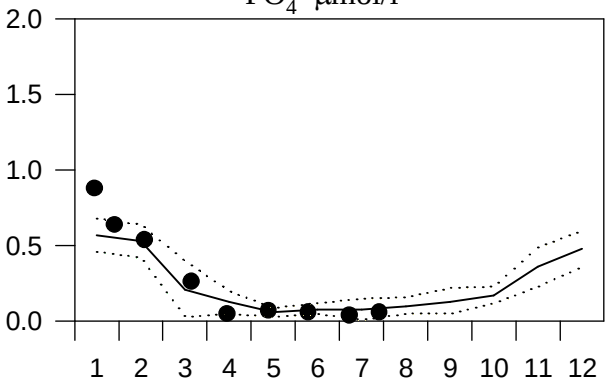
Temperature °C



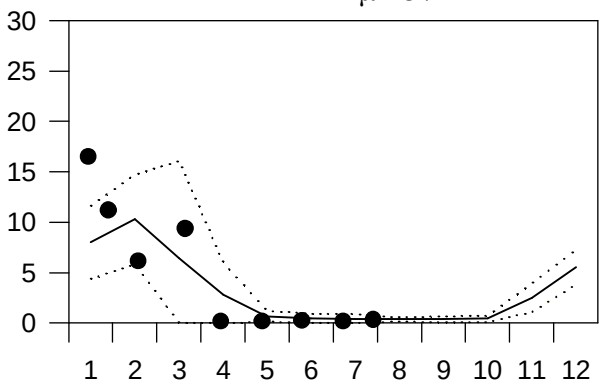
Salinity psu



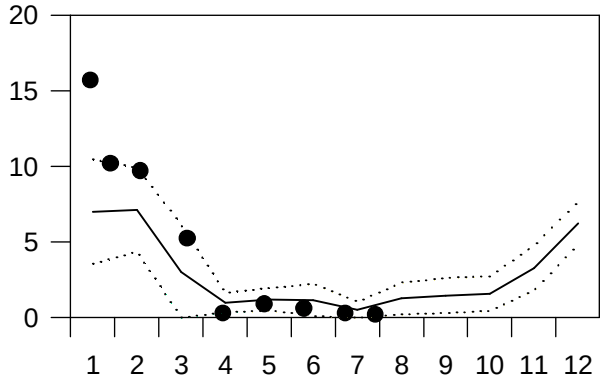
PO_4 µmol/l



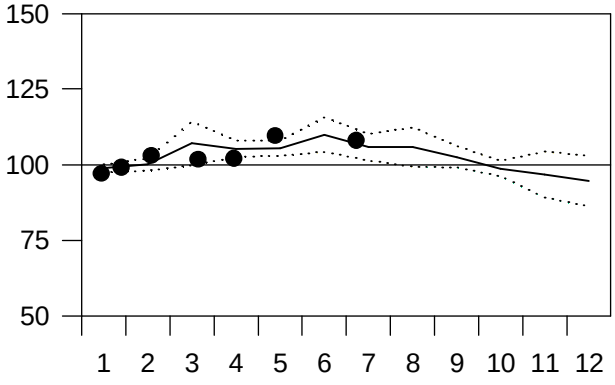
DIN µmol/l



SiO_3 µmol/l

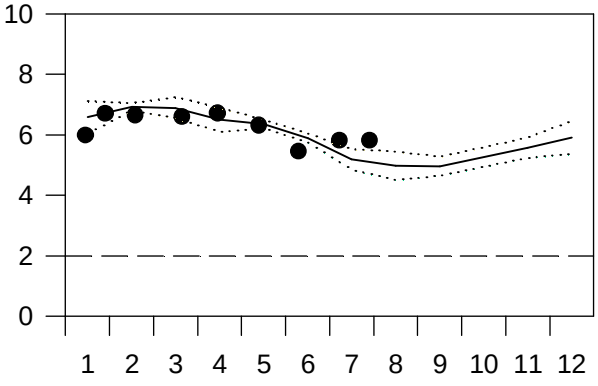


O_2 saturation %

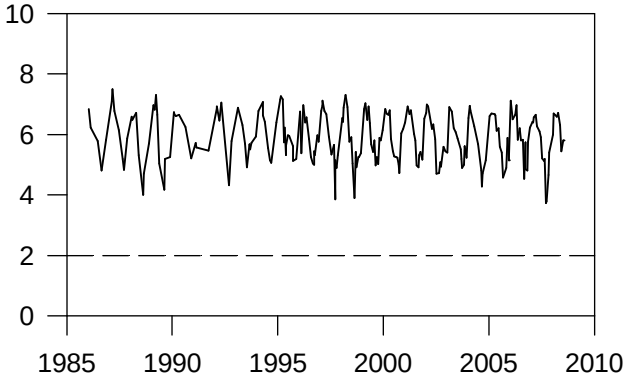


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

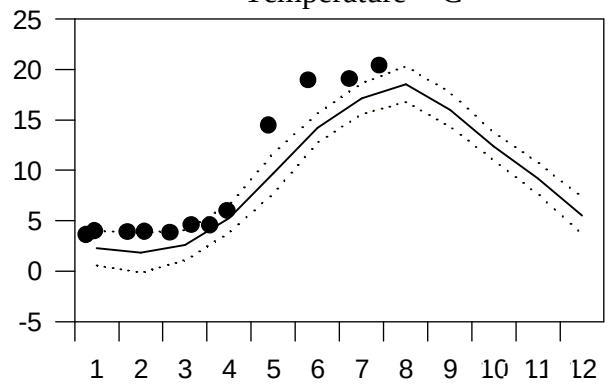


STATION SLÄGGÖ SURFACE WATER

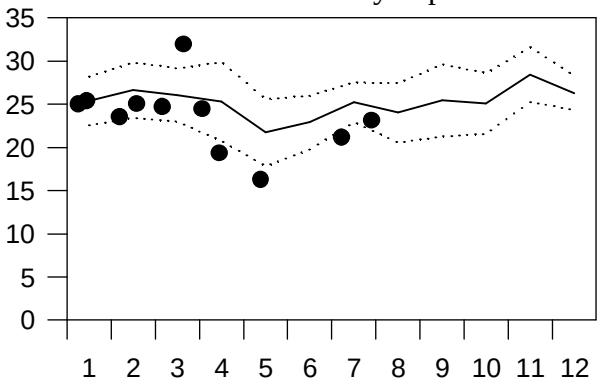
Annual Cycles

Mean 1995-2004 St.Dev. 2008

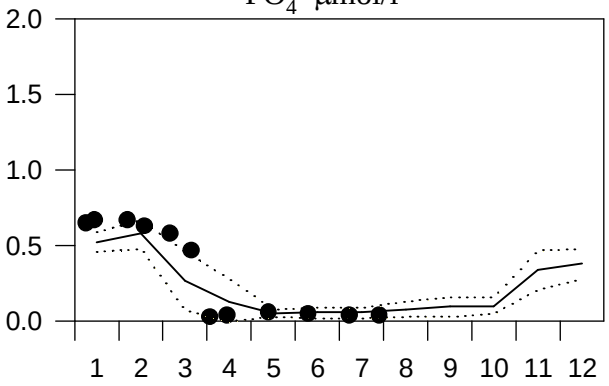
Temperature °C



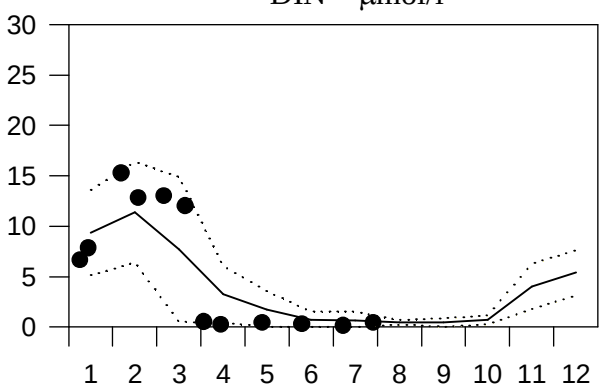
Salinity psu



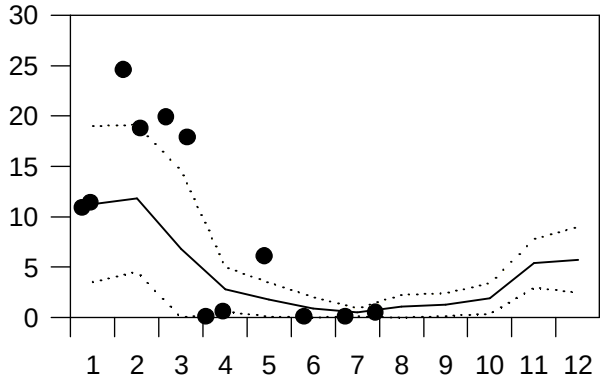
PO_4 µmol/l



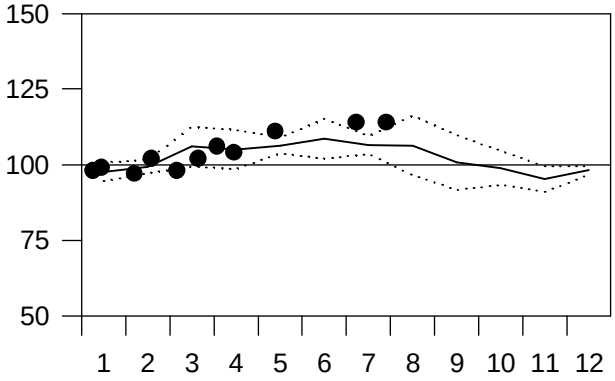
DIN µmol/l



SiO_3 µmol/l

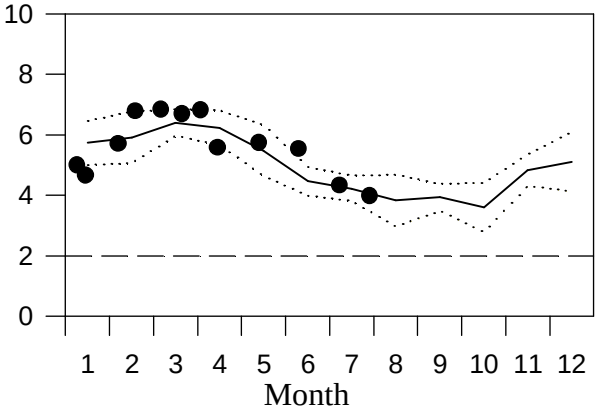


O_2 saturation %

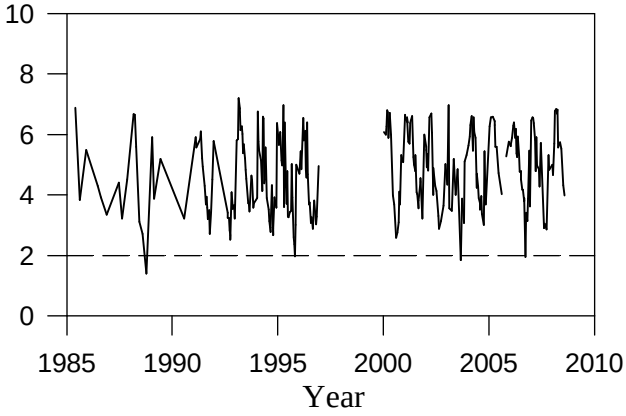


OXYGEN IN BOTTOM WATER

O_2 ml/l

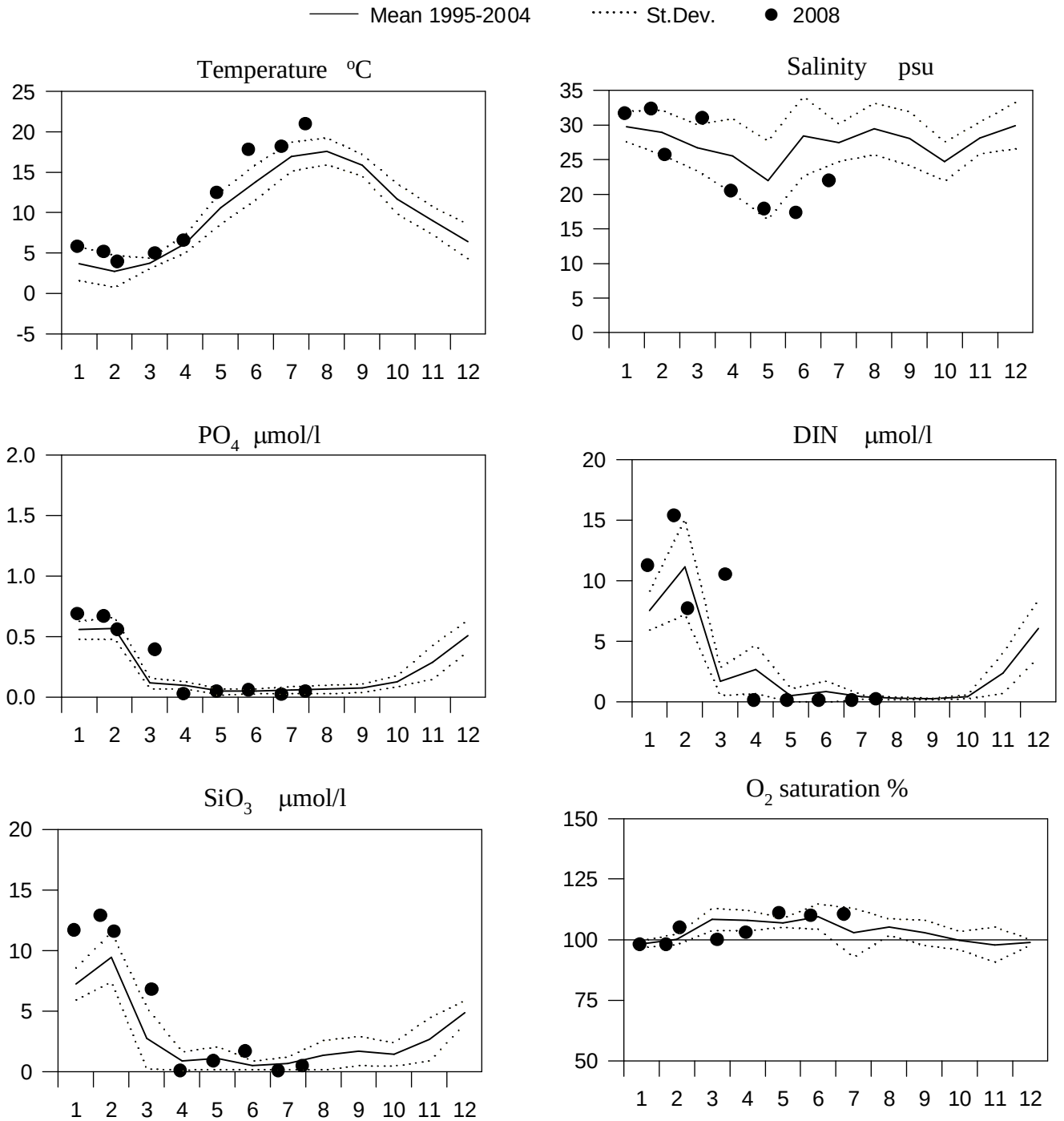


O_2 ml/l

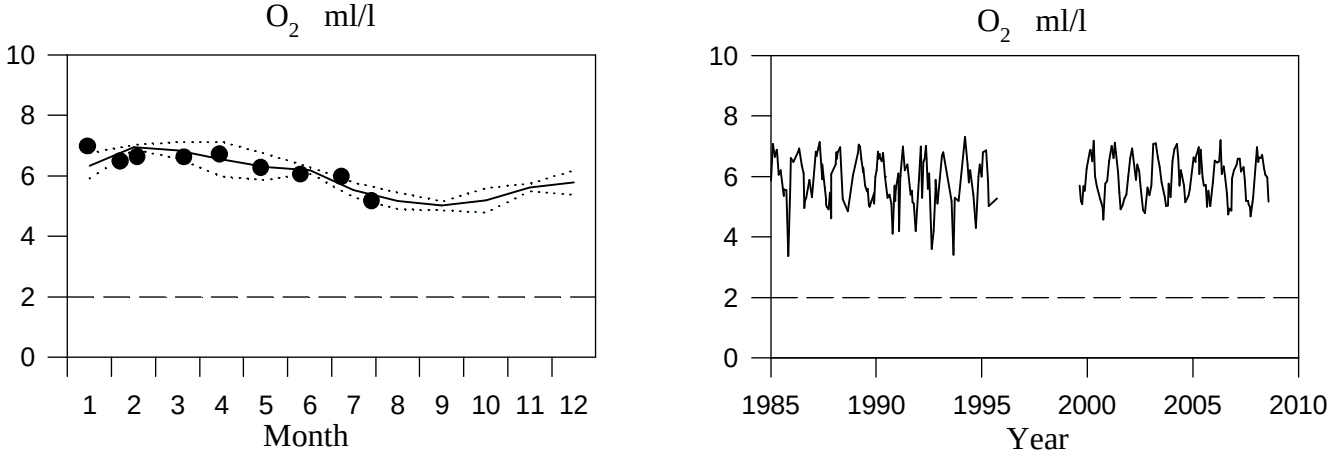


STATION Å13 SURFACE WATER

Annual Cycles

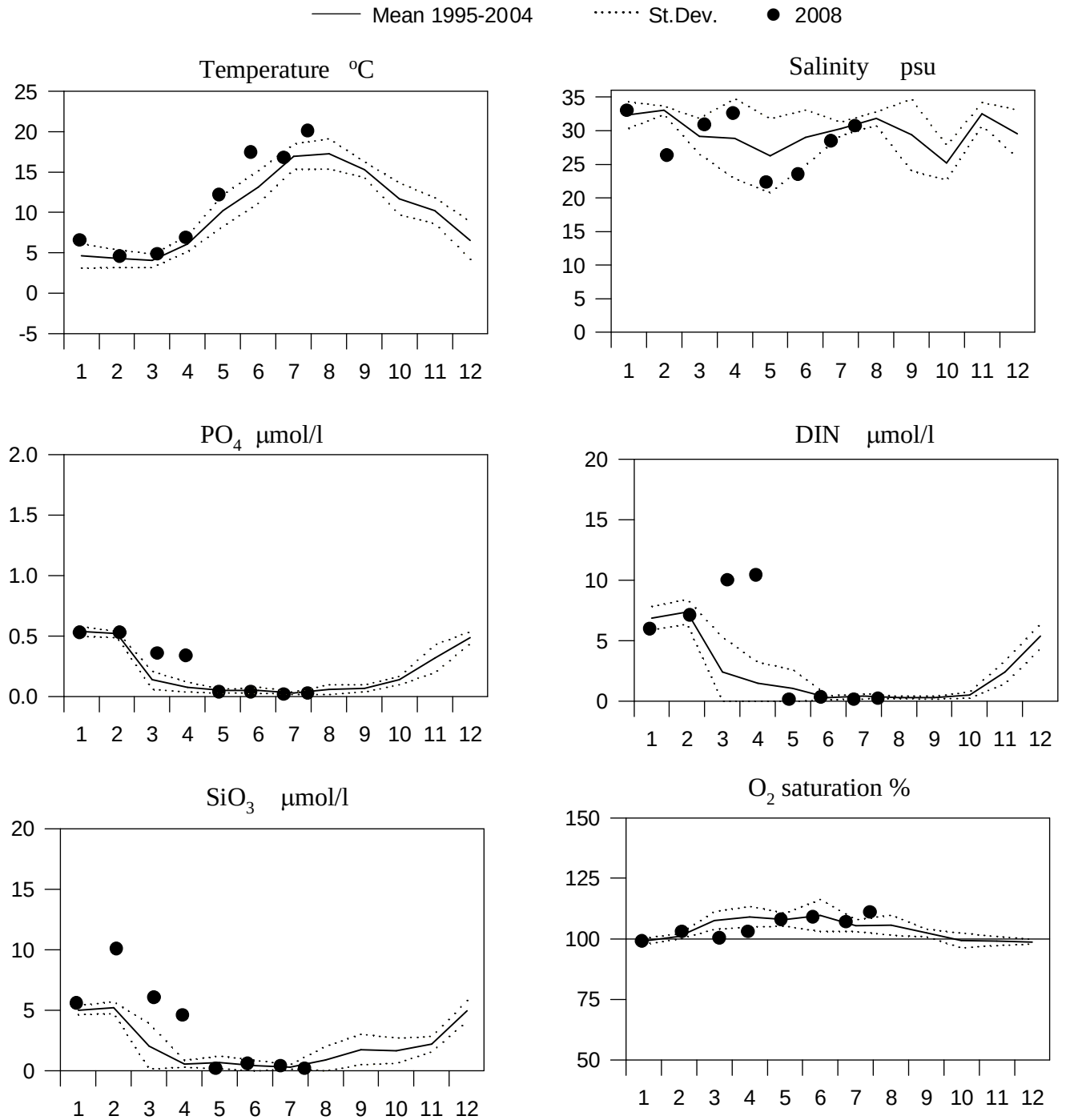


OXYGEN IN BOTTOM WATER

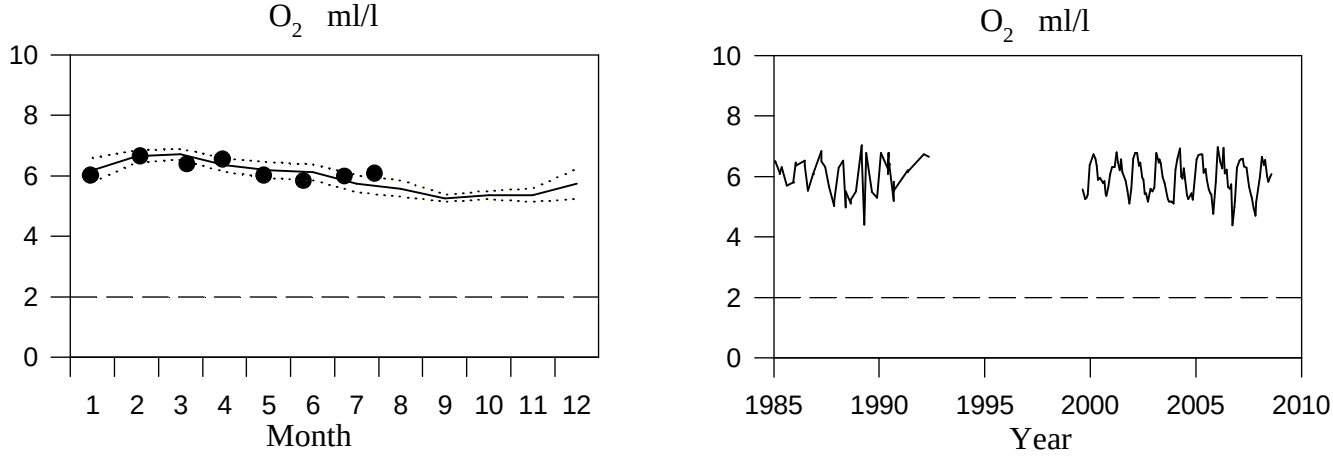


STATION Å15 SURFACE WATER

Annual Cycles



OXYGEN IN BOTTOM WATER

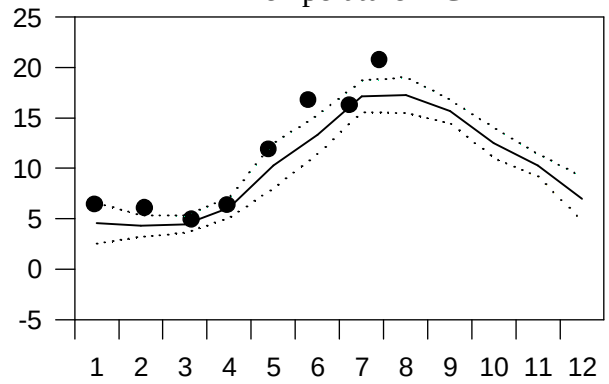


STATION Å17 SURFACE WATER

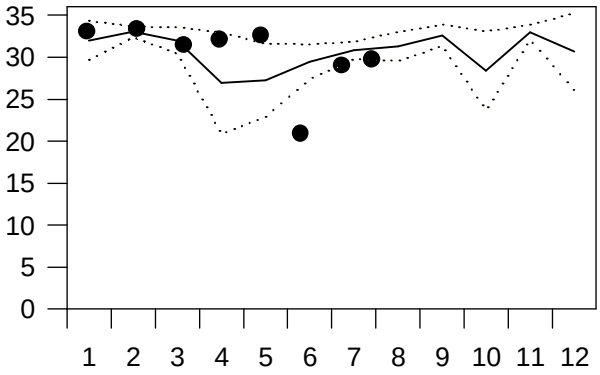
Annual Cycles

Mean 1995-2004 ····· St.Dev. ● 2008

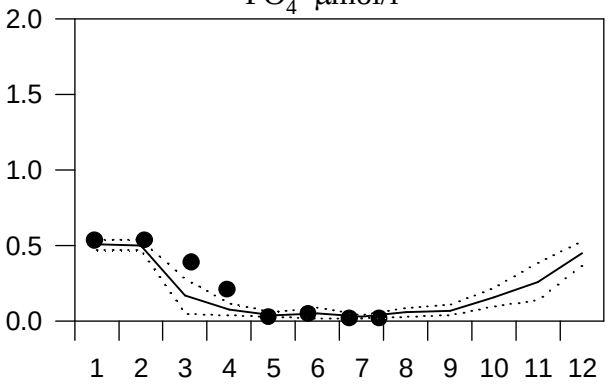
Temperature °C



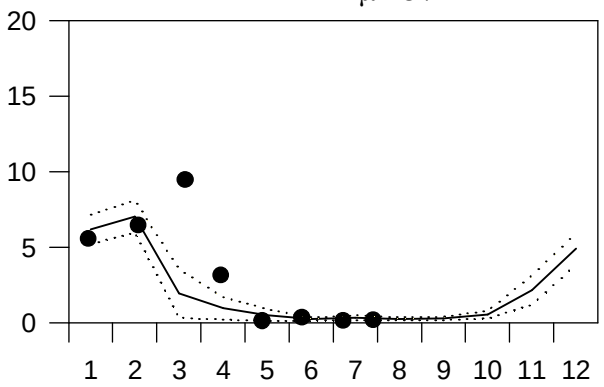
Salinity psu



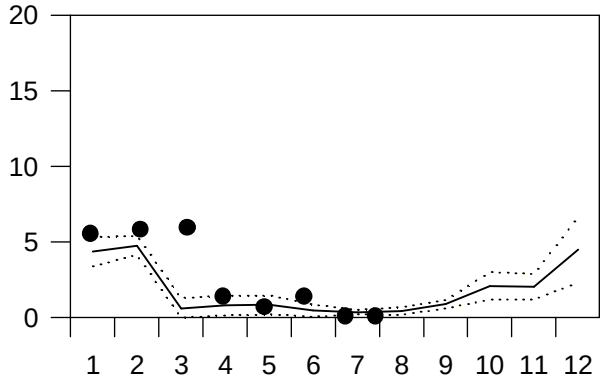
PO_4 µmol/l



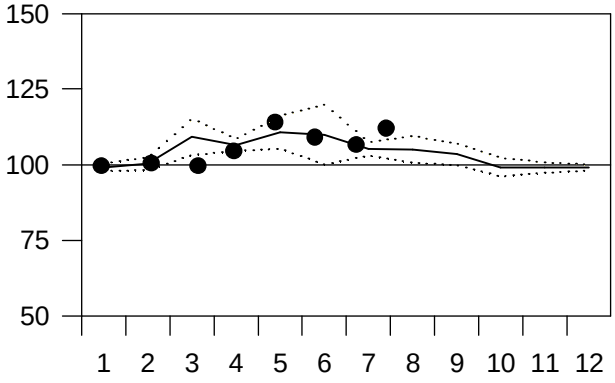
DIN µmol/l



SiO_3 µmol/l

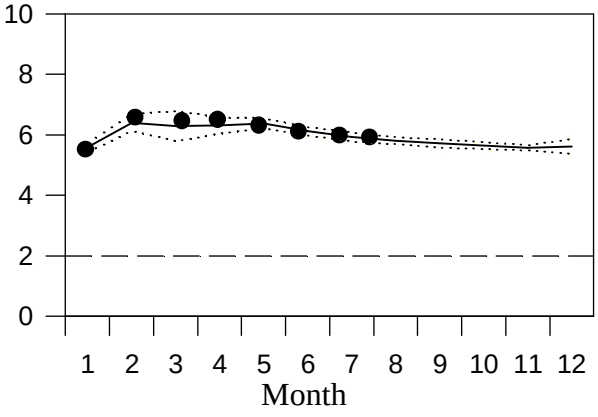


O_2 saturation %

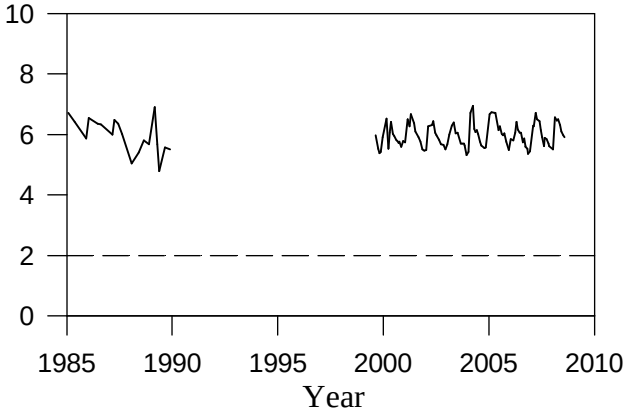


OXYGEN IN BOTTOM WATER

O_2 ml/l

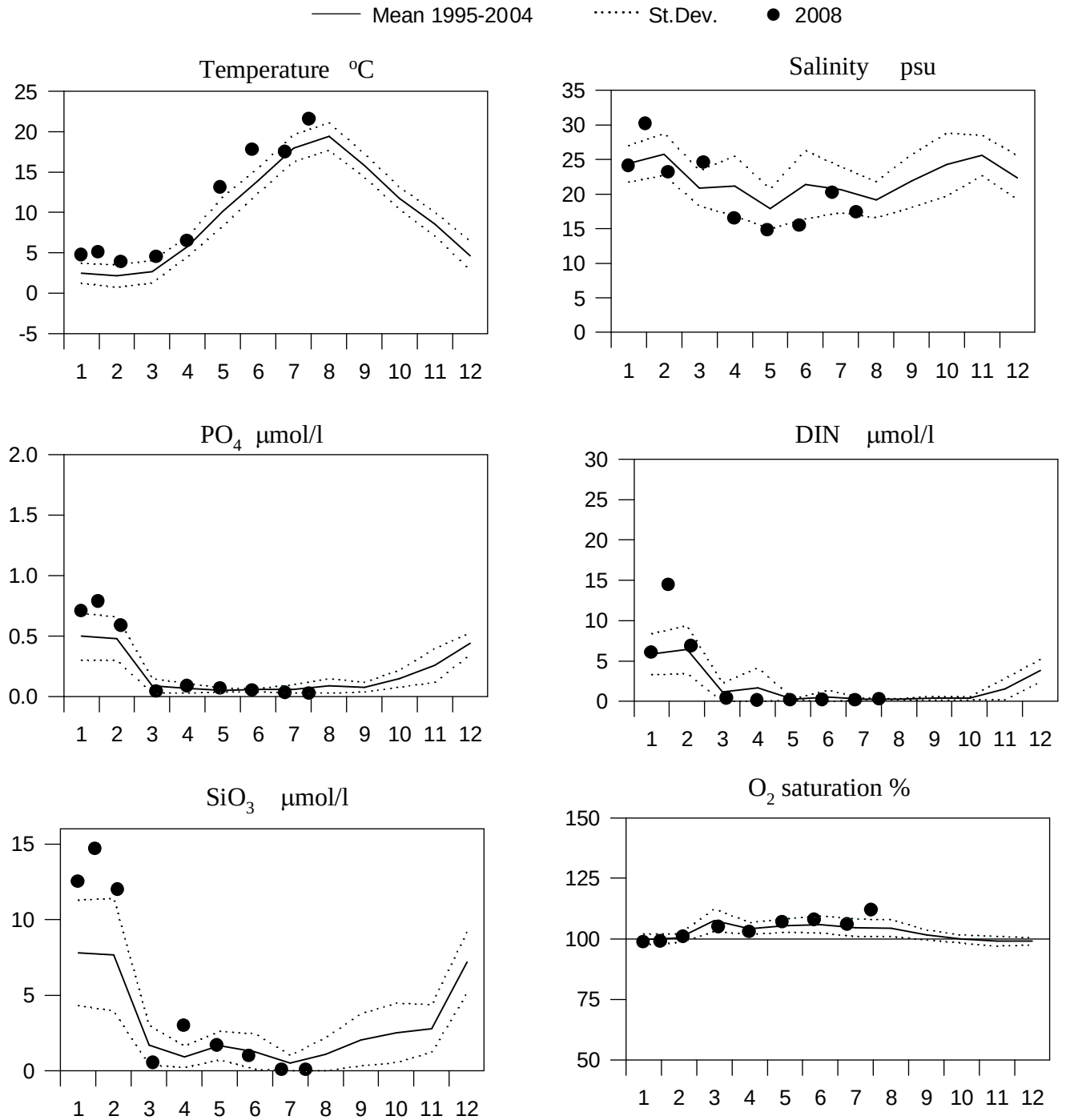


O_2 ml/l

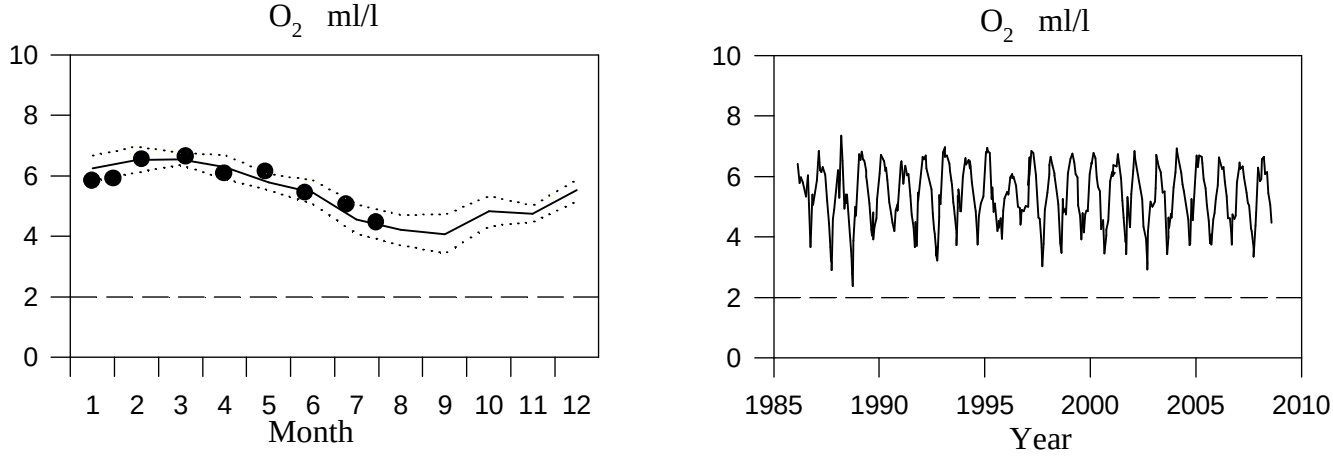


STATION FLADEN SURFACE WATER

Annual Cycles



OXYGEN IN BOTTOM WATER

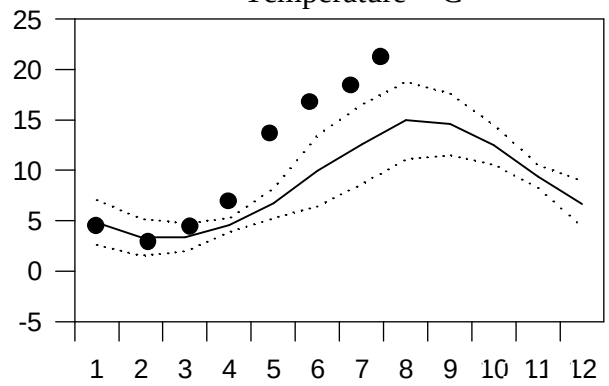


STATION N14 Falkenberg SURFACE WATER

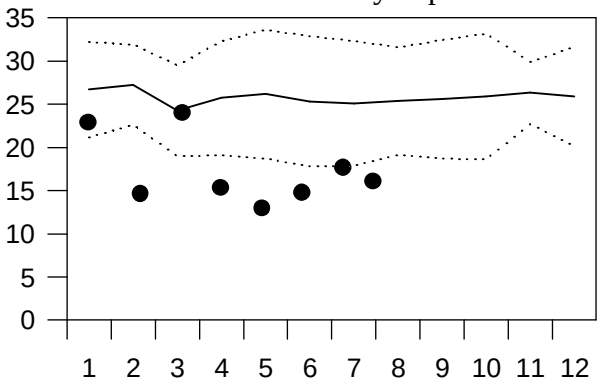
Mean 1995-2001 ····· St.Dev. **Annual Cycles** ● 2008

Mean and st.dev. based on data from other source than SMHI.

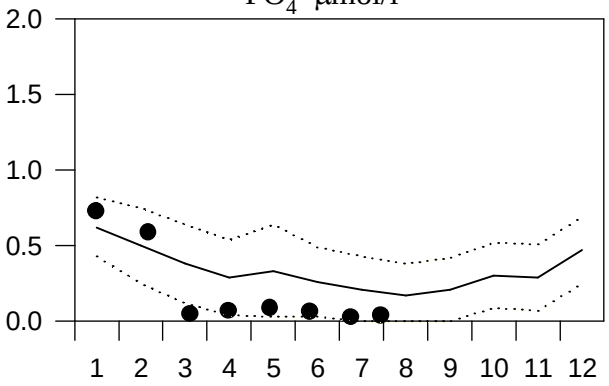
Temperature °C



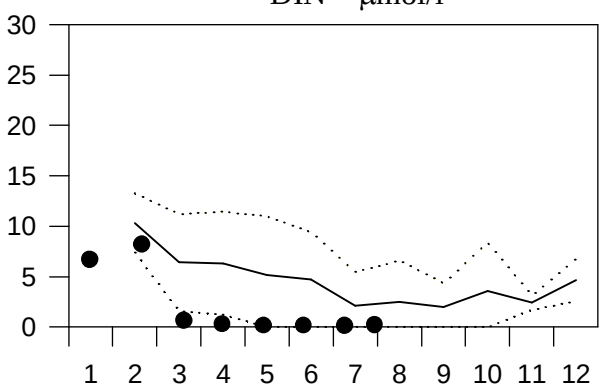
Salinity psu



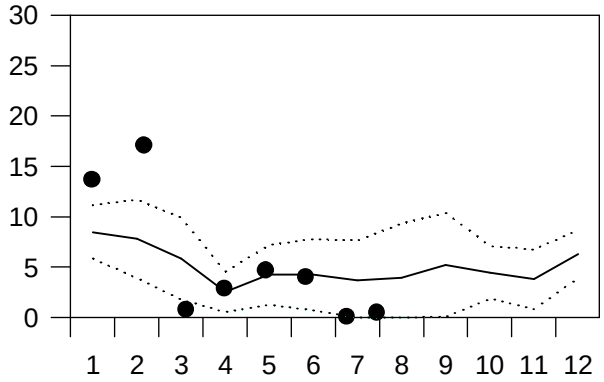
PO_4 µmol/l



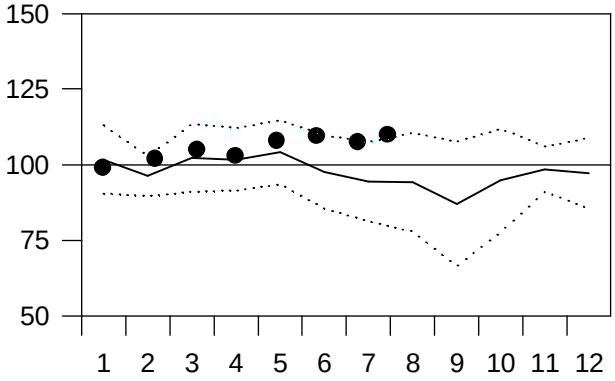
DIN µmol/l



SiO_3 µmol/l

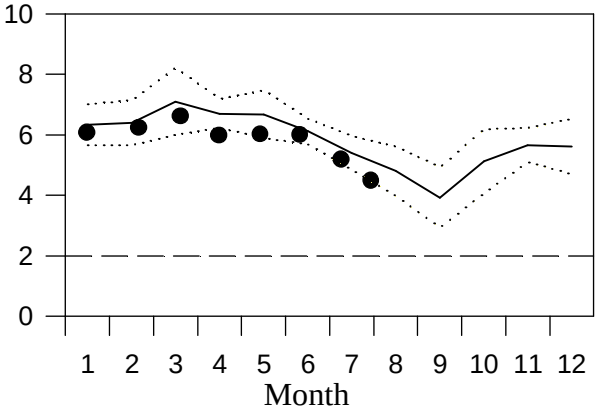


O_2 saturation %

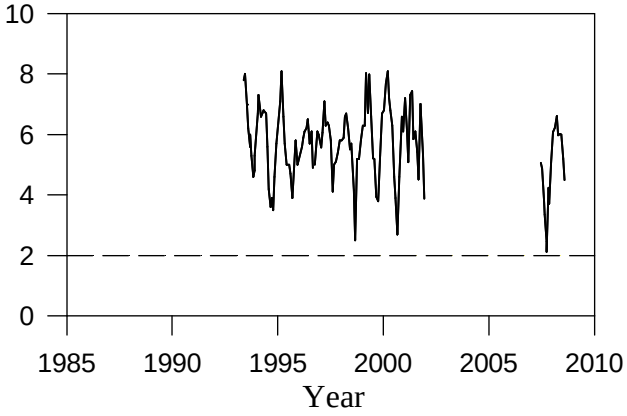


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

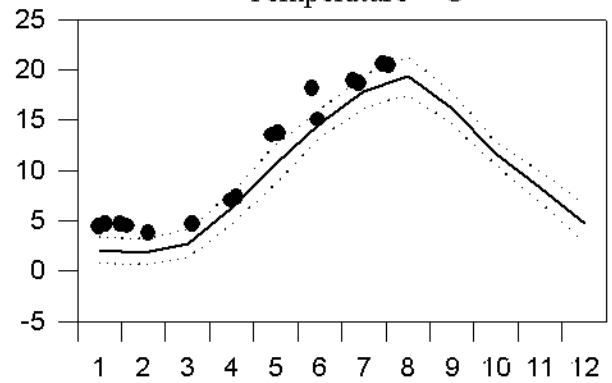


STATION ANHOLT E SURFACE WATER

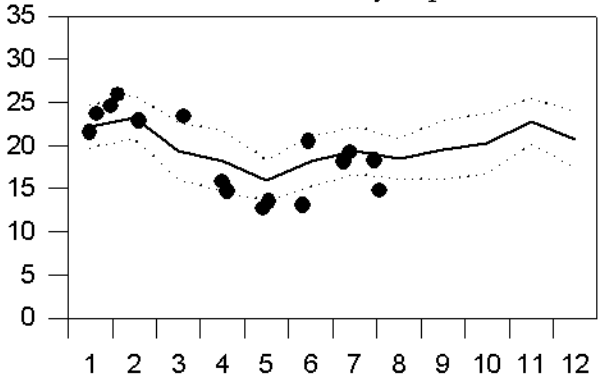
Annual Cycles

Mean 1995-2004 ····· St.Dev. ● 2008

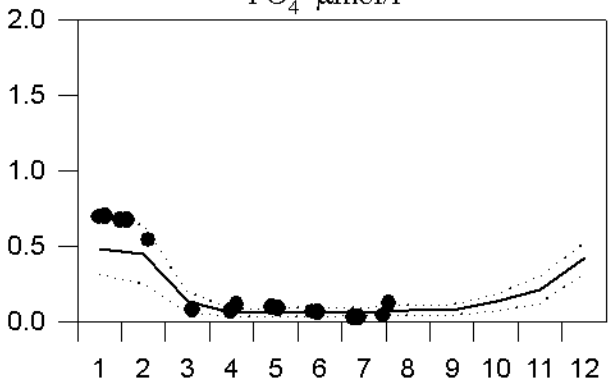
Temperature °C



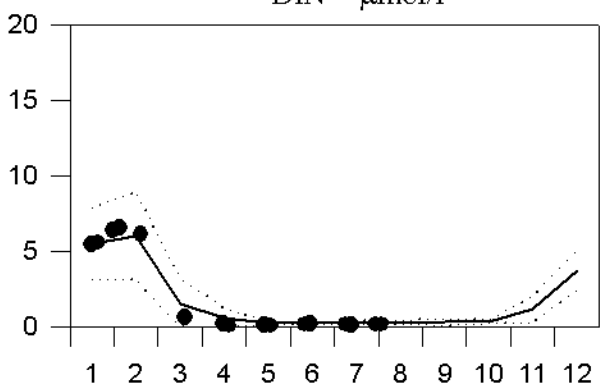
Salinity psu



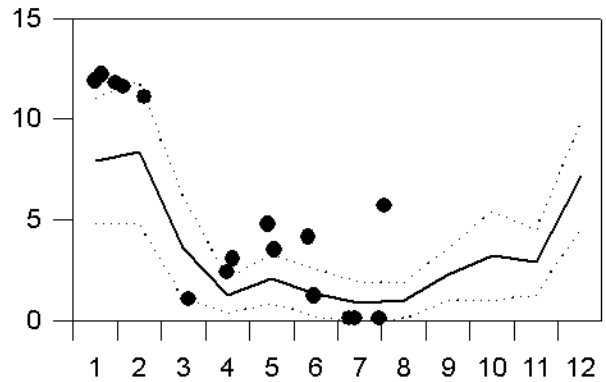
PO_4 µmol/l



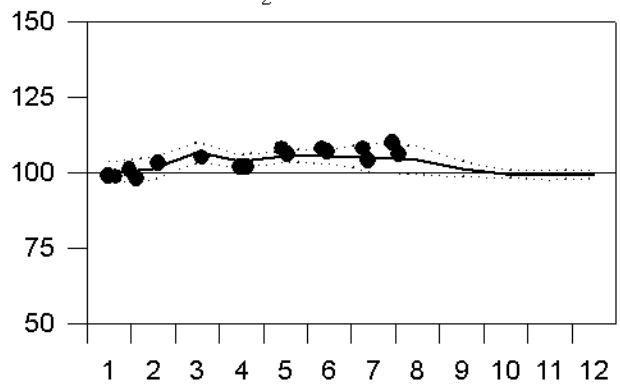
DIN µmol/l



SiO_3 µmol/l

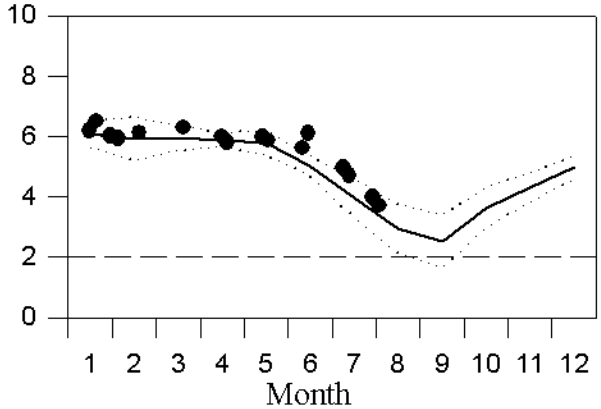


O_2 saturation %

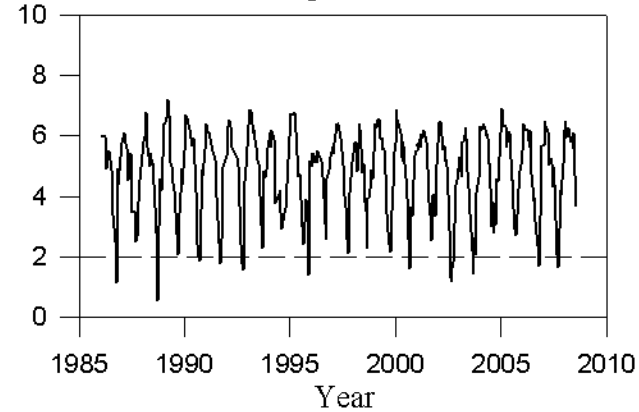


OXYGEN IN BOTTOM WATER

O_2 ml/l

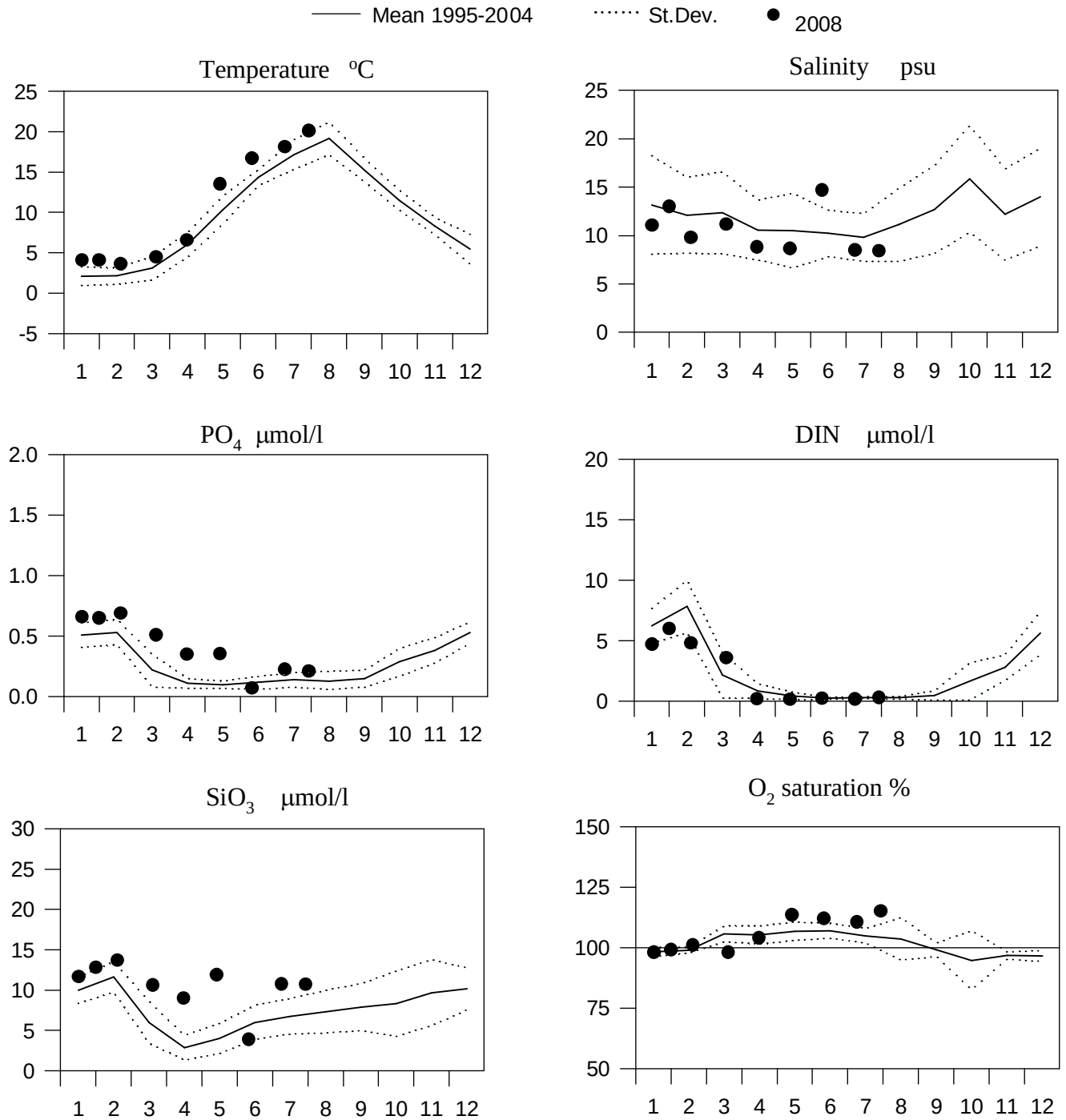


O_2 ml/l

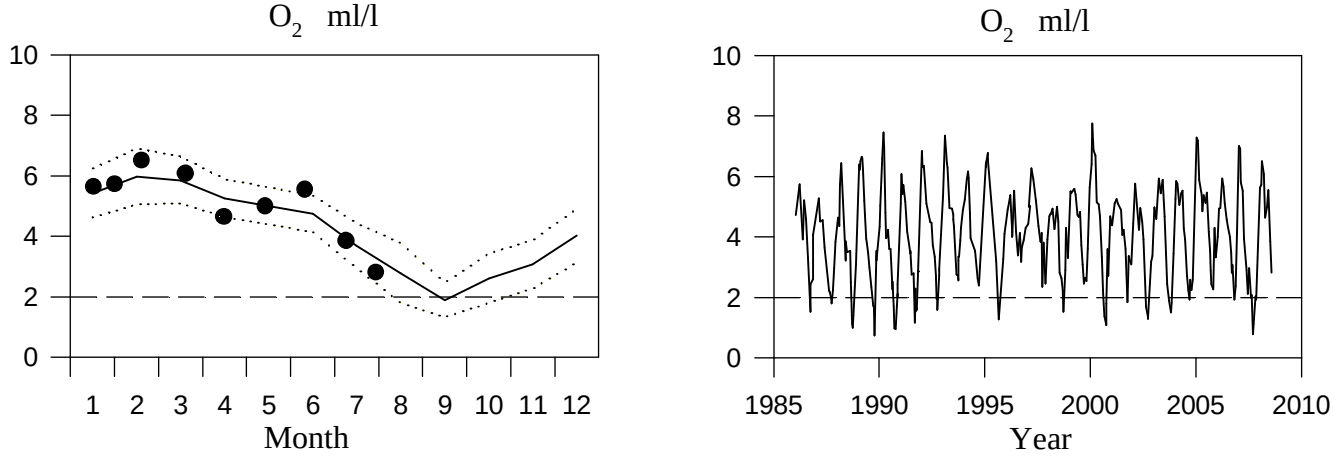


STATION W LANDSKRONA SURFACE WATER

Annual Cycles

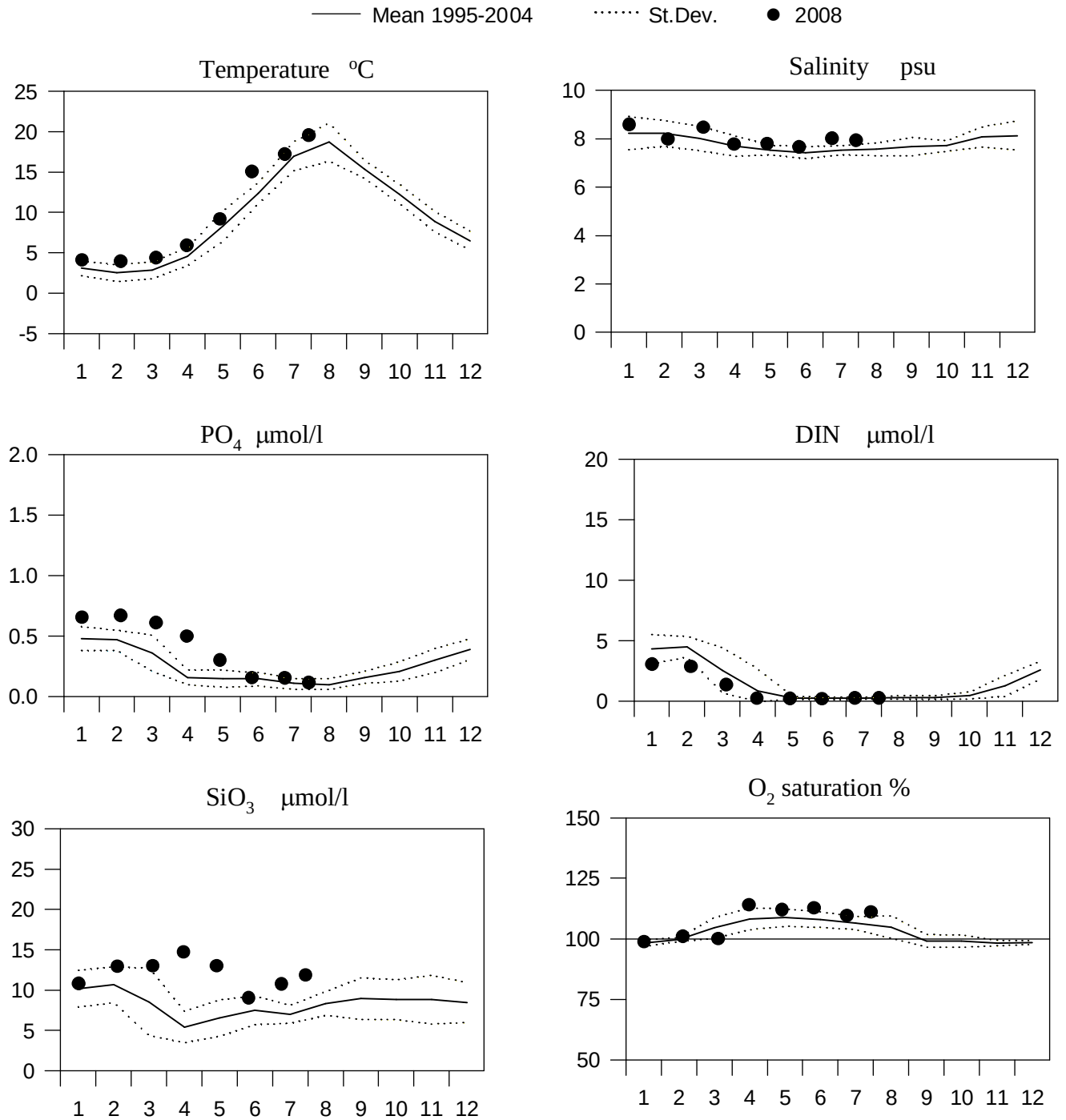


OXYGEN IN BOTTOM WATER

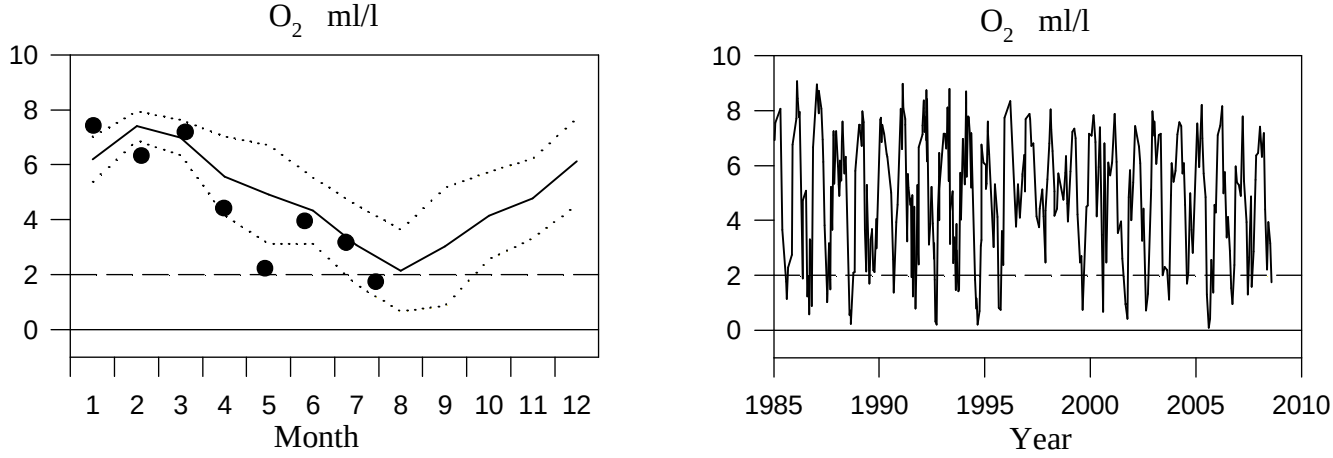


STATION BY1 SURFACE WATER

Annual Cycles

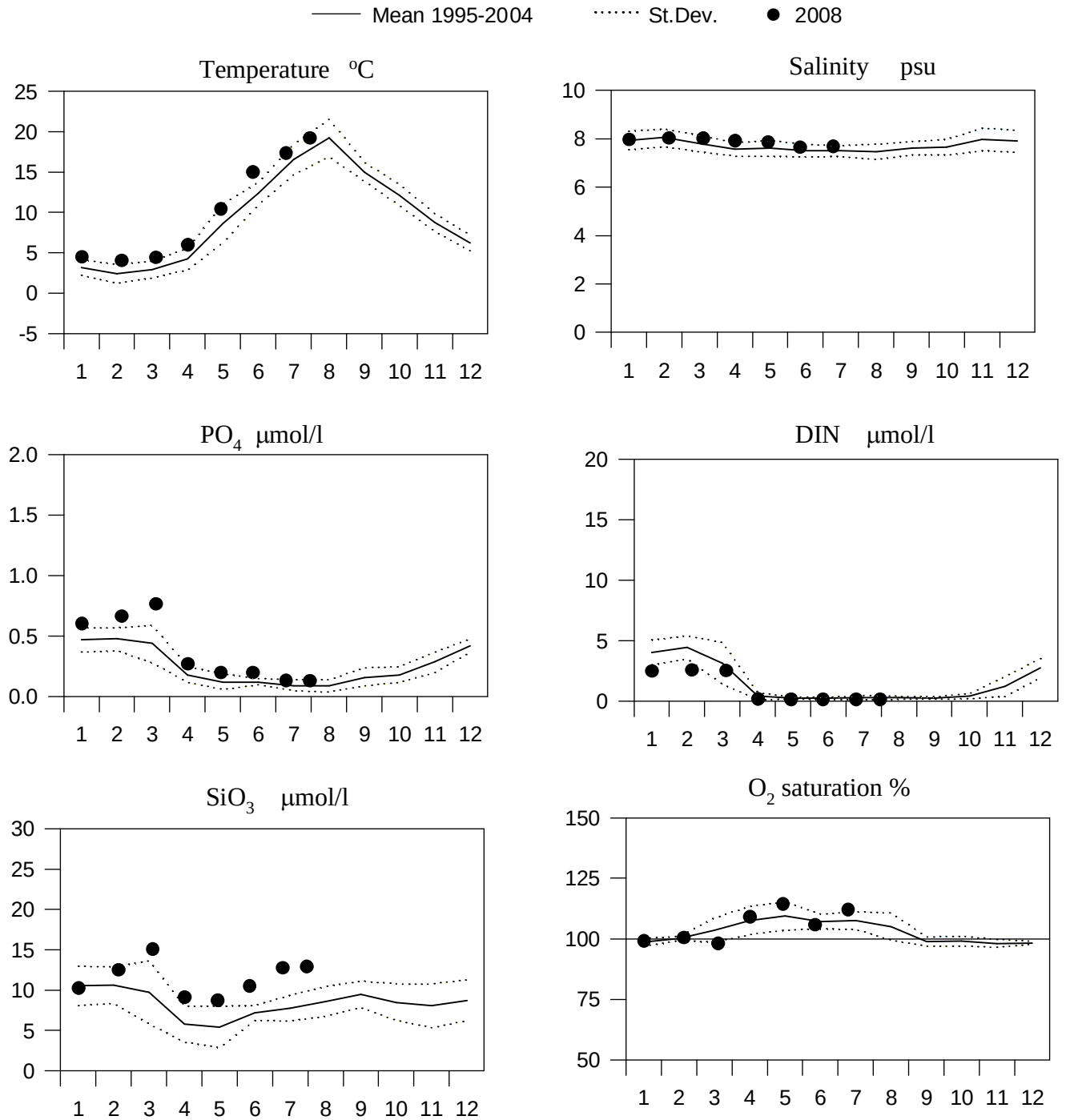


OXYGEN IN BOTTOM WATER

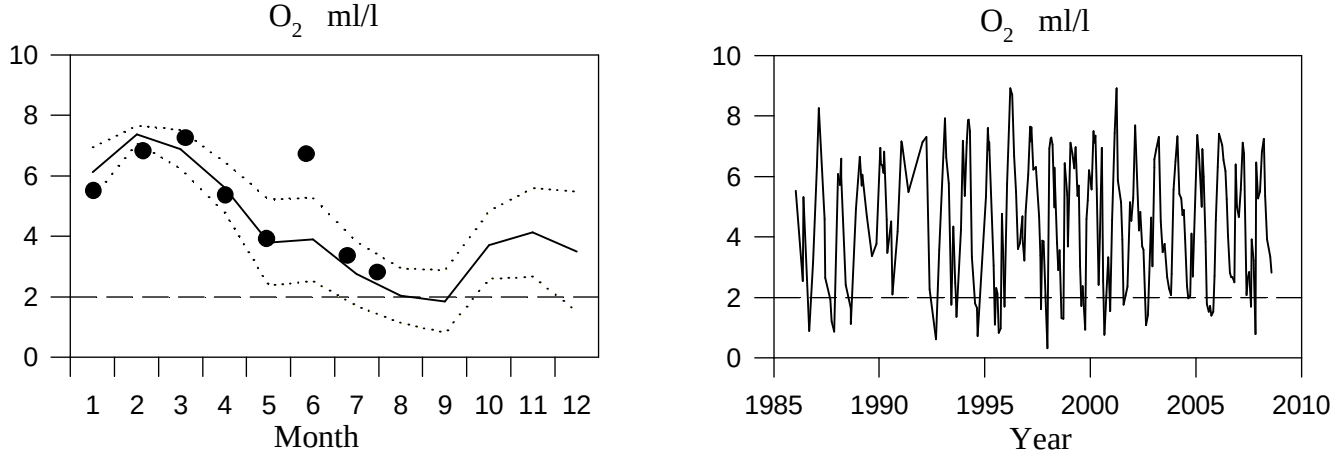


STATION BY2 SURFACE WATER

Annual Cycles

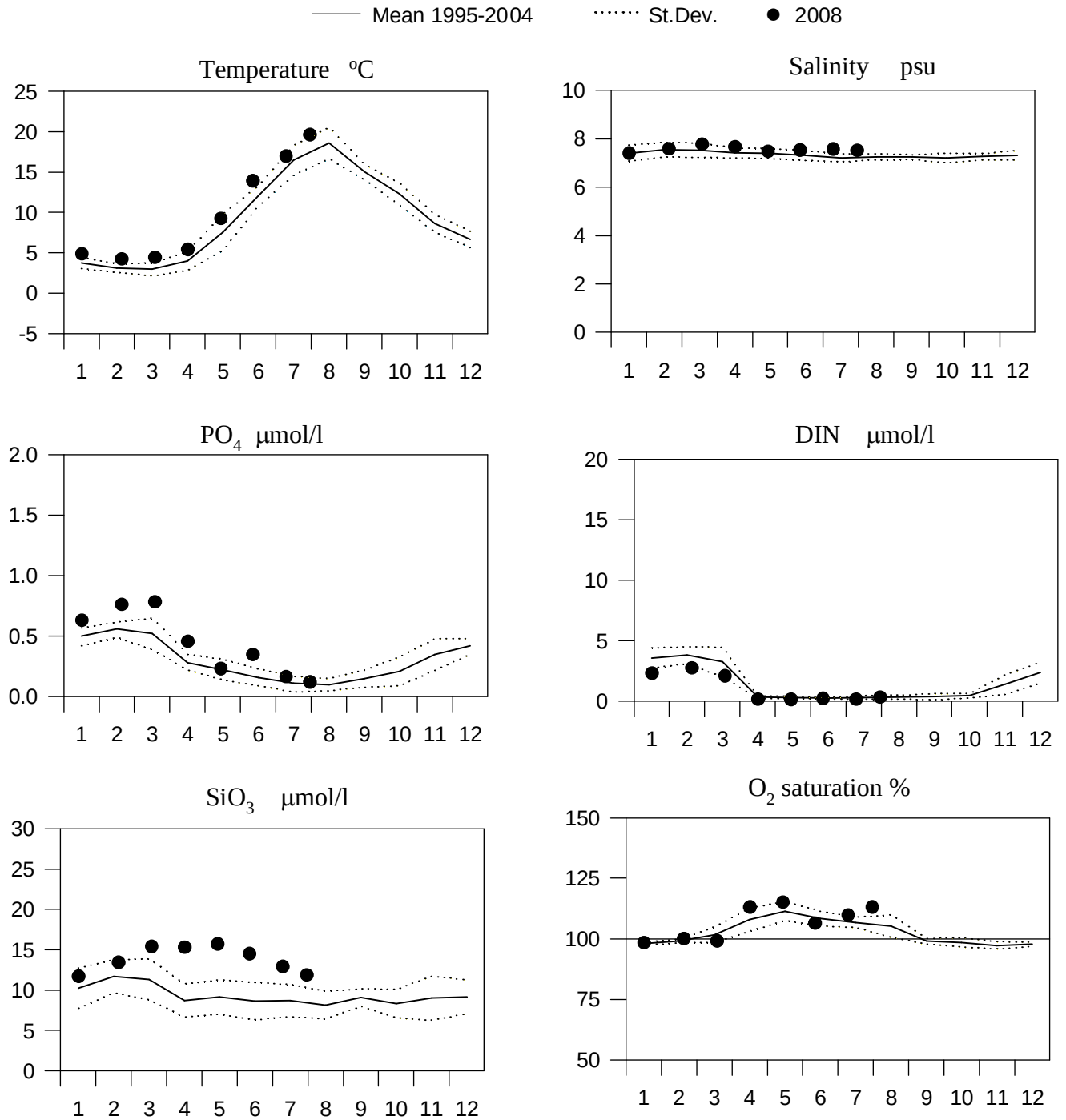


OXYGEN IN BOTTOM WATER

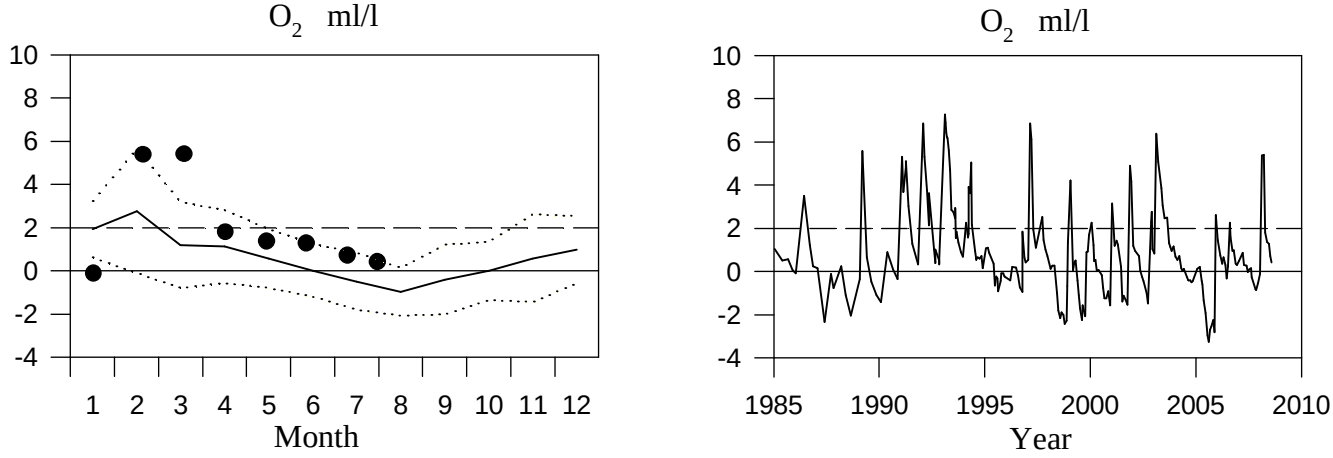


STATION BY4 SURFACE WATER

Annual Cycles

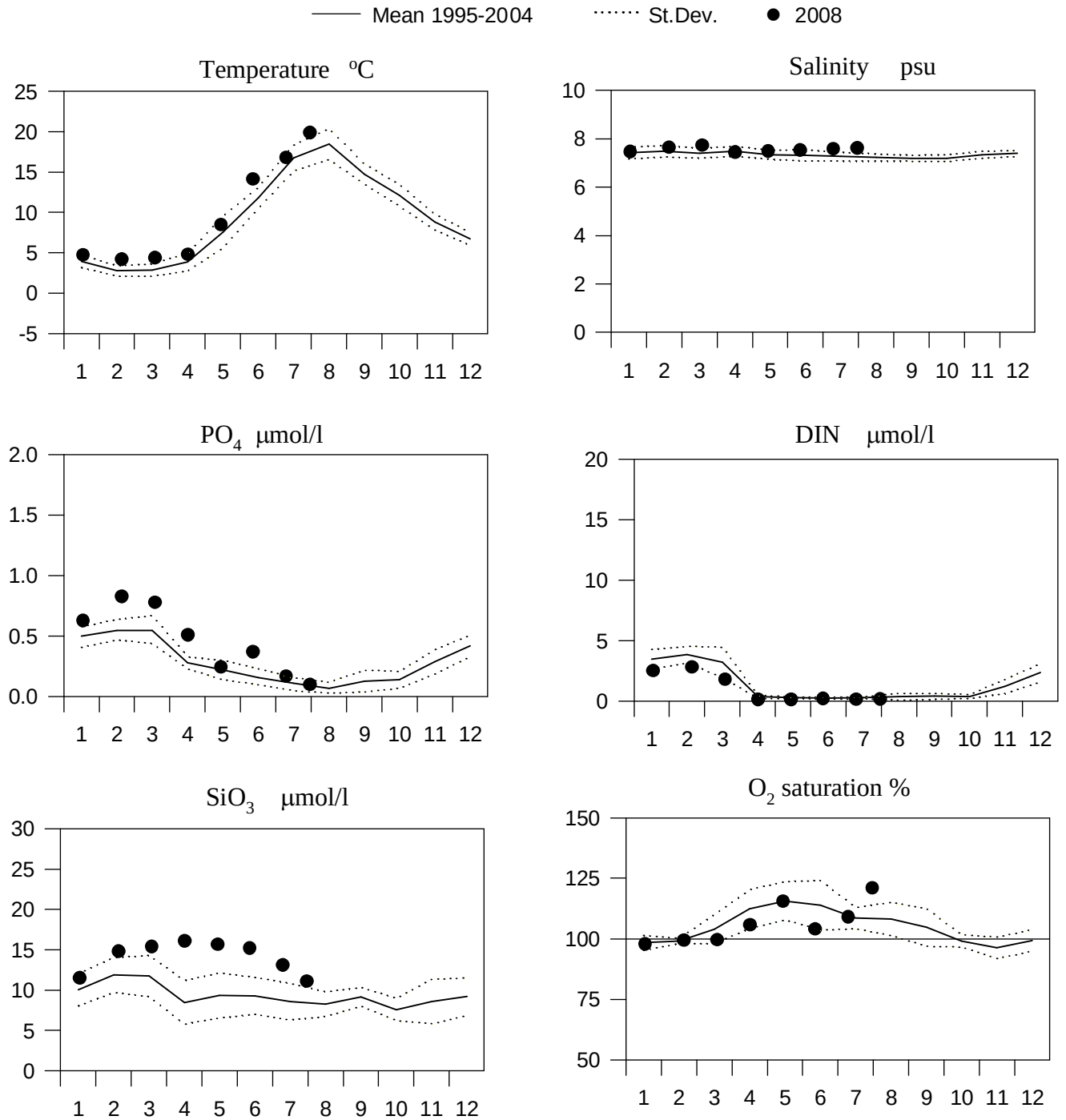


OXYGEN IN BOTTOM WATER

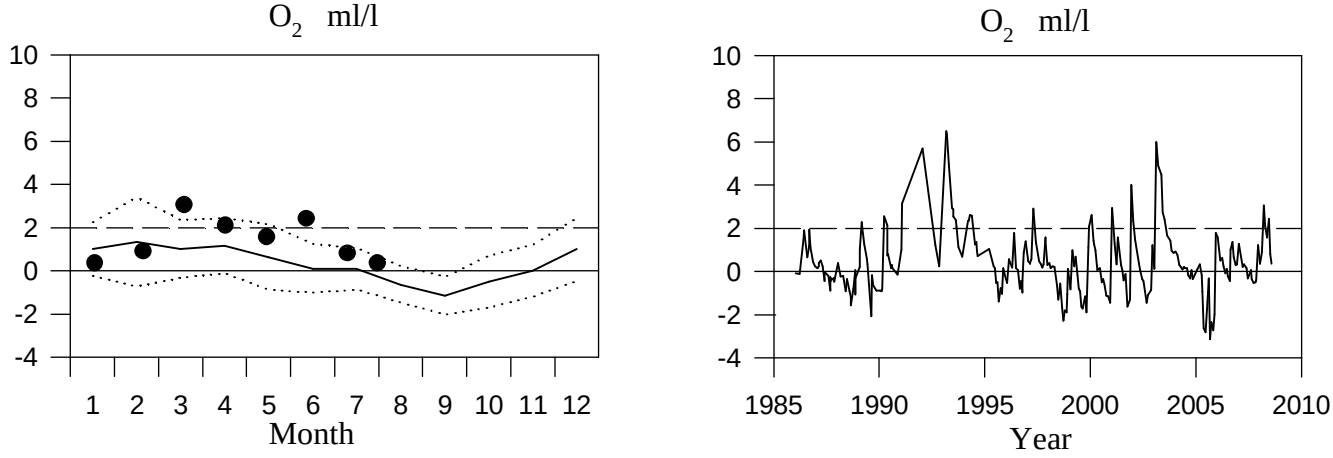


STATION BY5 SURFACE WATER

Annual Cycles



OXYGEN IN BOTTOM WATER

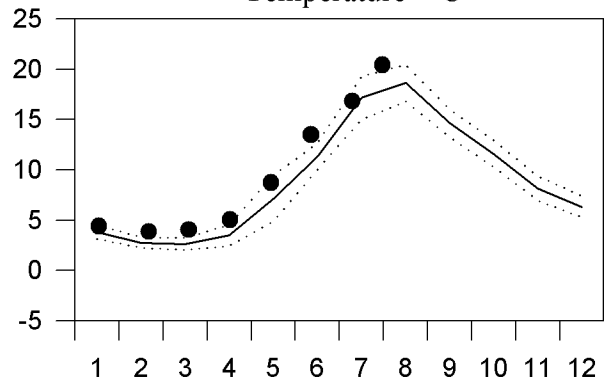


STATION BCS III-10 SURFACE WATER

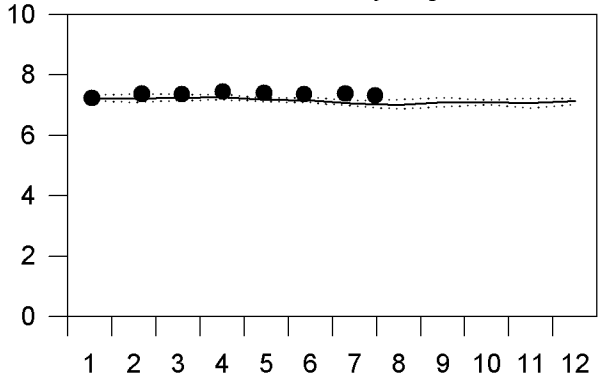
Annual Cycles

Mean 1995-2004 ····· St.Dev. ● 2008

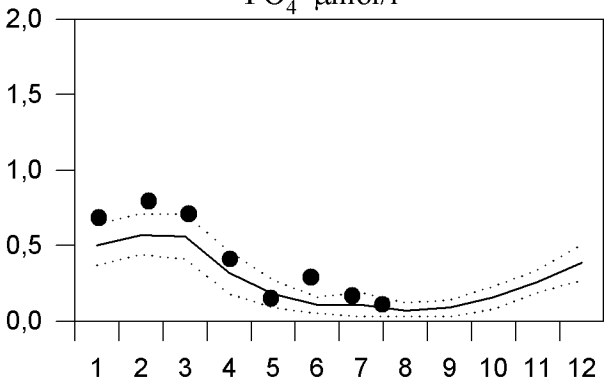
Temperature °C



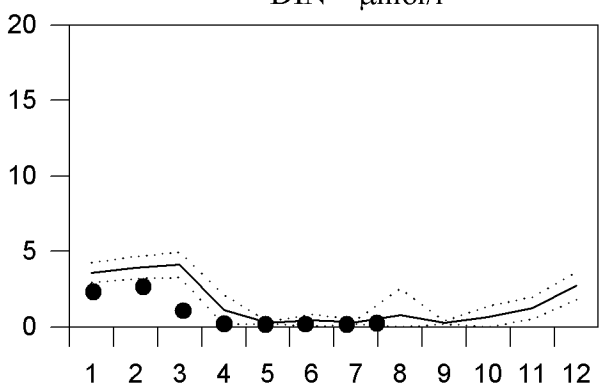
Salinity psu



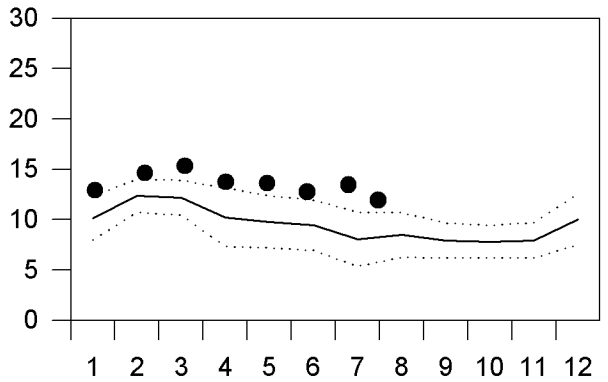
PO_4 µmol/l



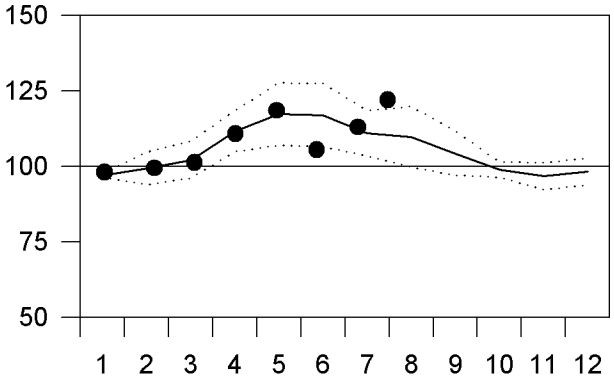
DIN µmol/l



SiO_3 µmol/l

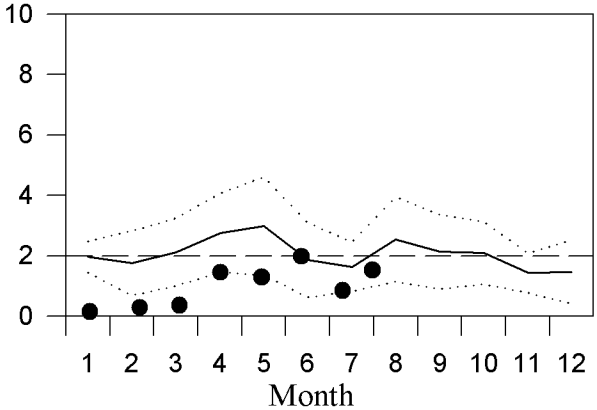


O_2 saturation %

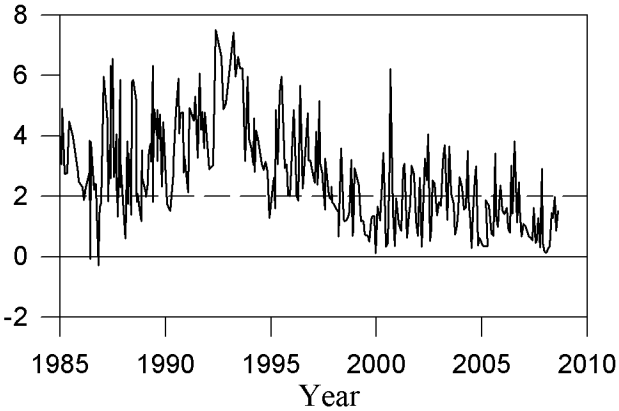


OXYGEN IN BOTTOM WATER

O_2 ml/l

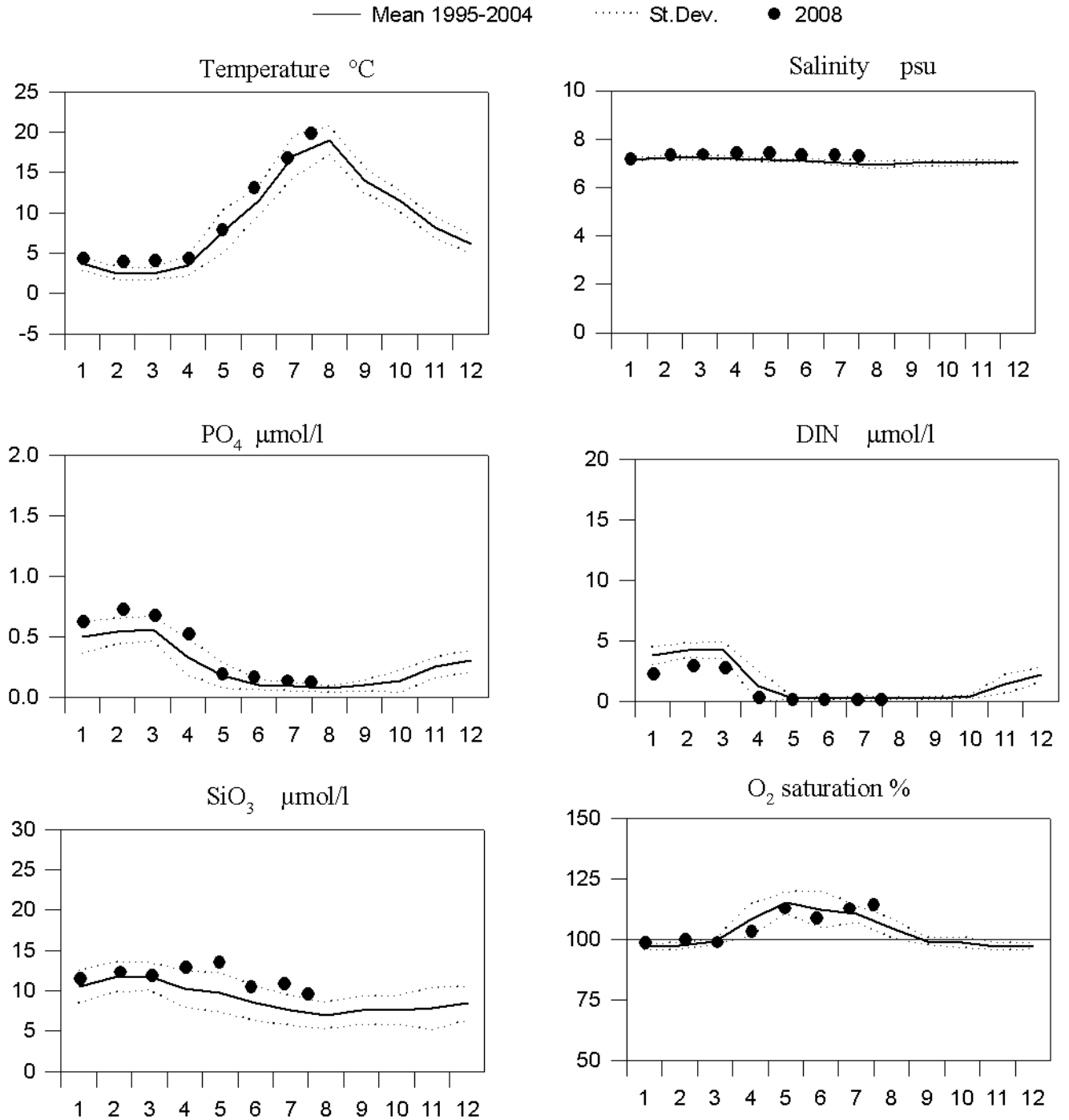


O_2 ml/l

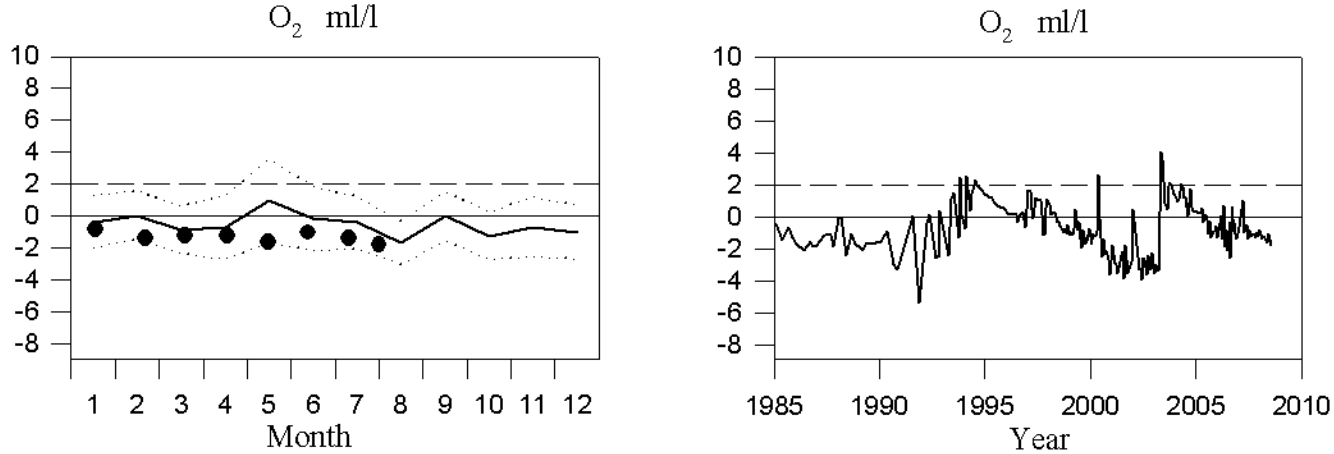


STATION BY10 SURFACE WATER

Annual Cycles

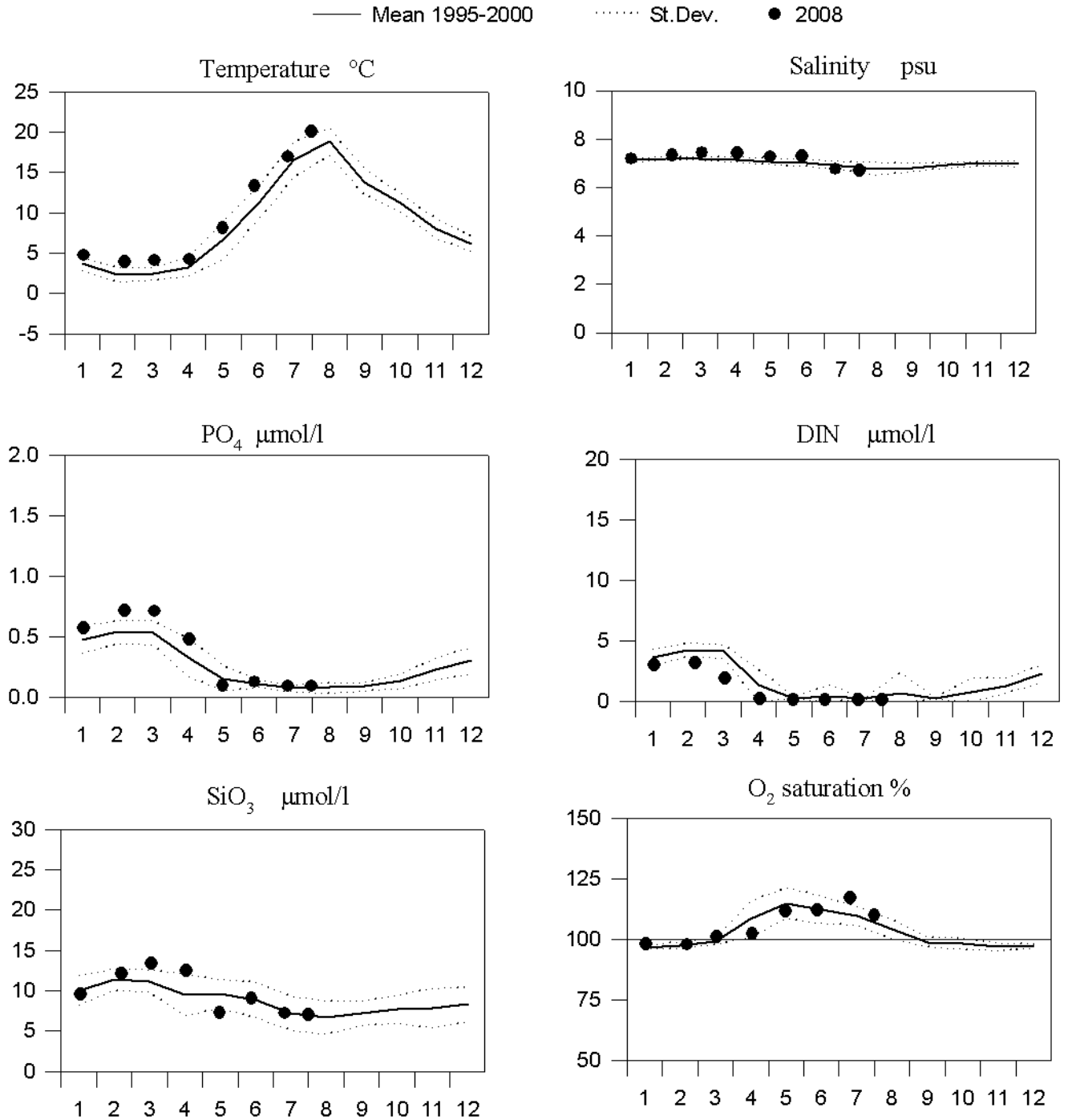


OXYGEN IN BOTTOM WATER

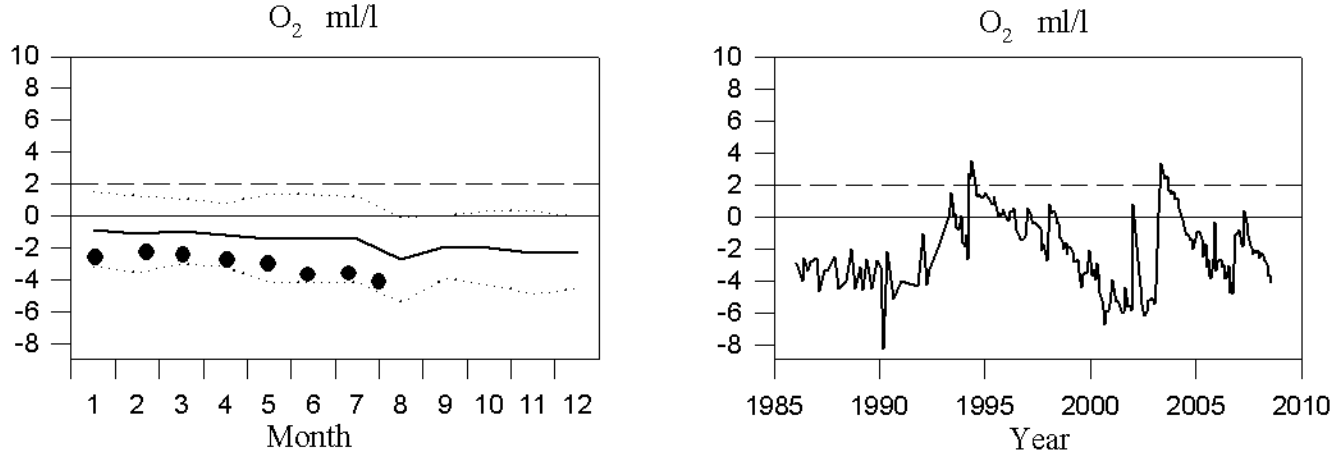


STATION BY15 SURFACE WATER

Annual Cycles

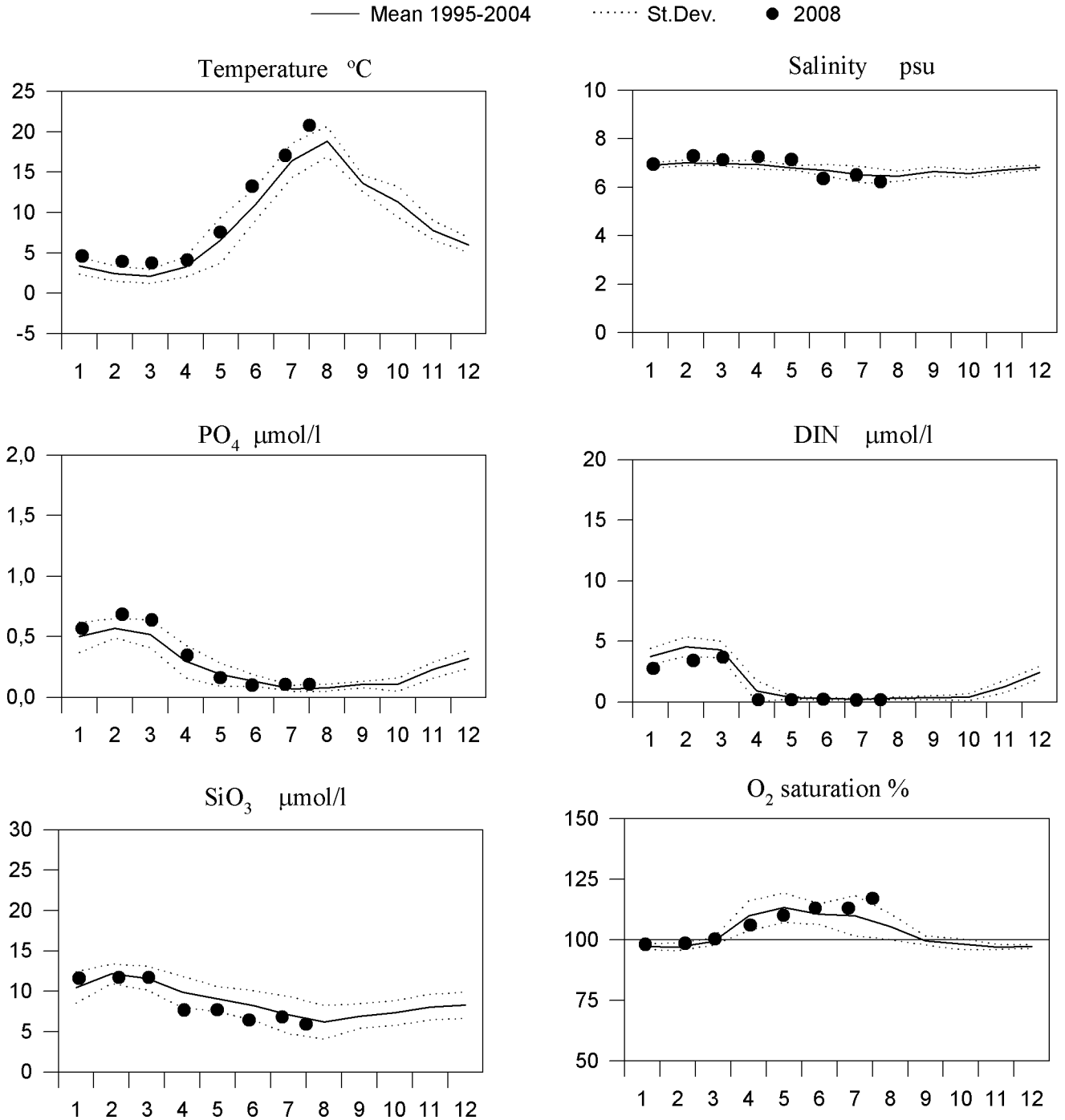


OXYGEN IN BOTTOM WATER

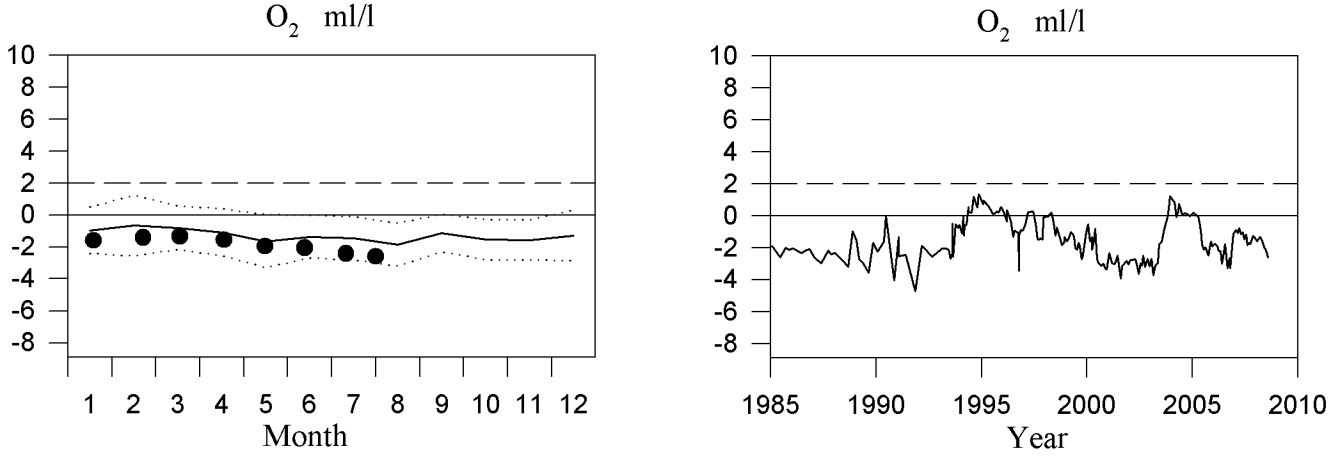


STATION BY20 SURFACE WATER

Annual Cycles



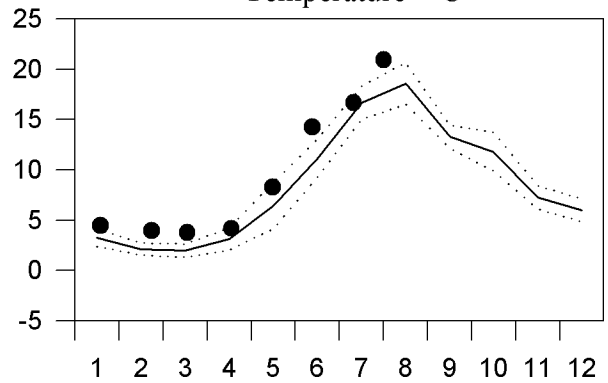
OXYGEN IN BOTTOM WATER



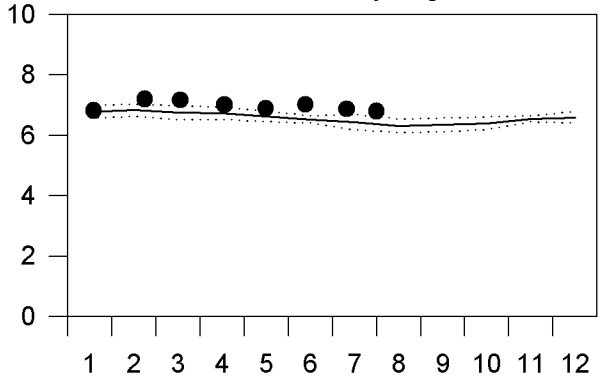
STATION BY32 SURFACE WATER

Annual Cycles

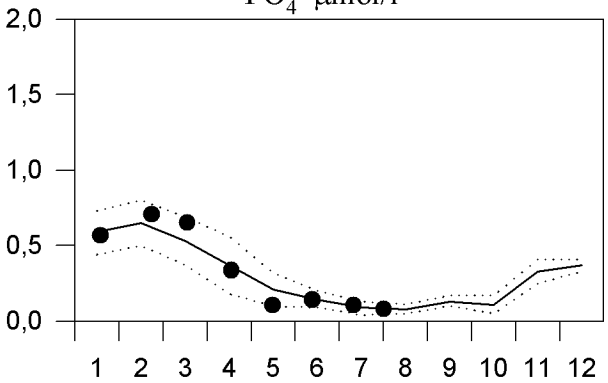
Temperature °C



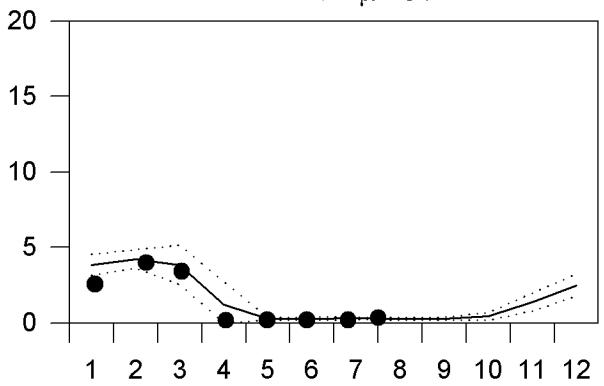
Salinity psu



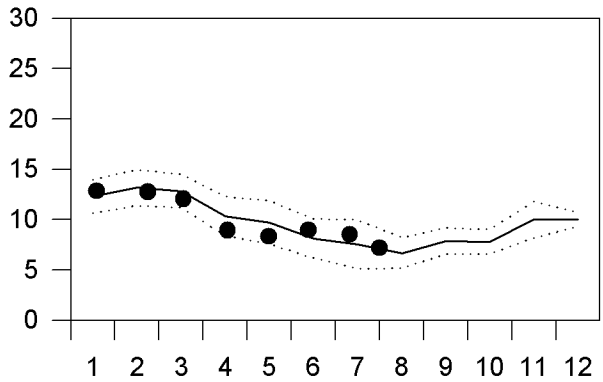
PO_4 µmol/l



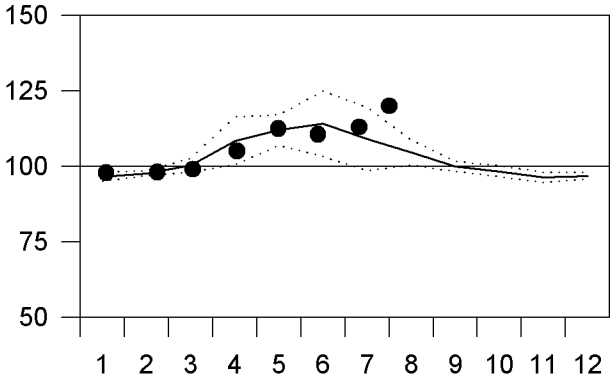
DIN µmol/l



SiO_3 µmol/l

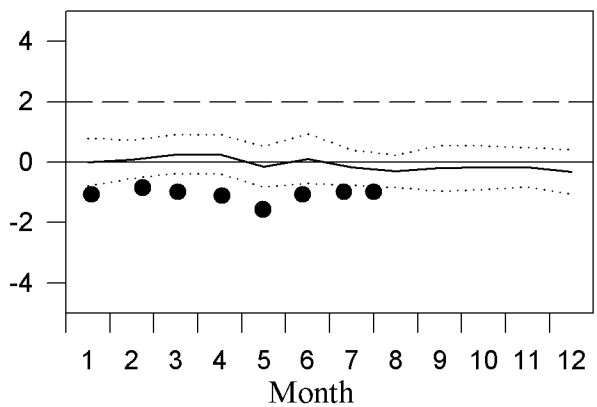


O_2 saturation %

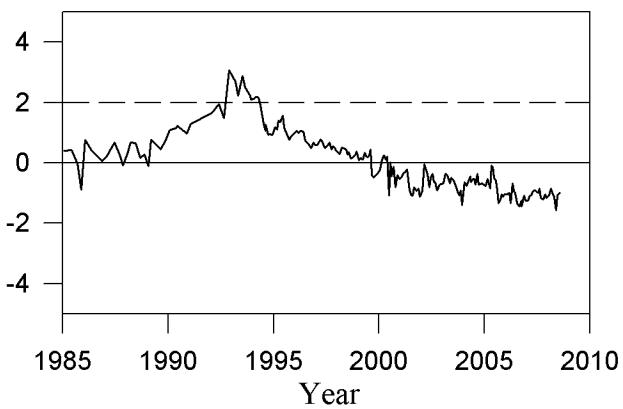


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

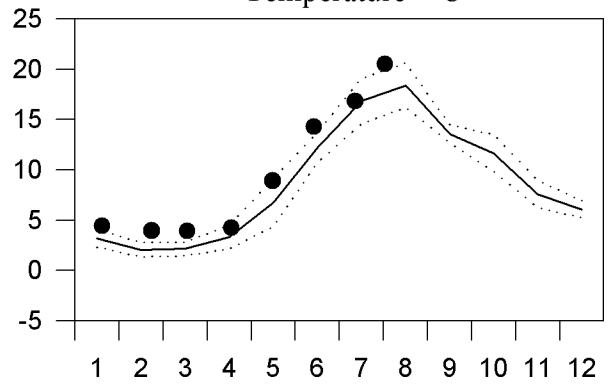


STATION BY38 SURFACE WATER

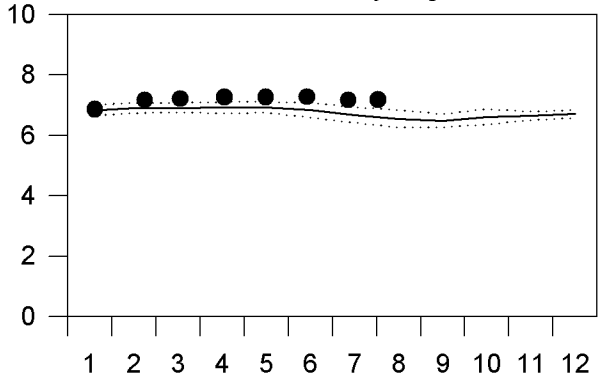
Annual Cycles

Mean 1995-2004 ····· St.Dev. ● 2008

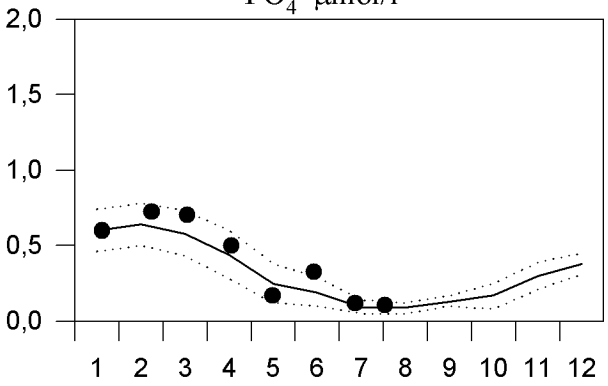
Temperature °C



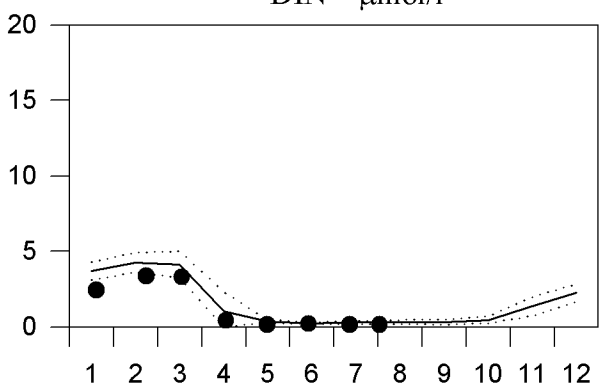
Salinity psu



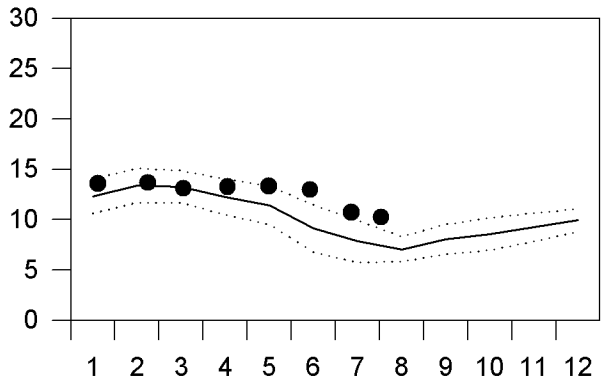
PO_4 µmol/l



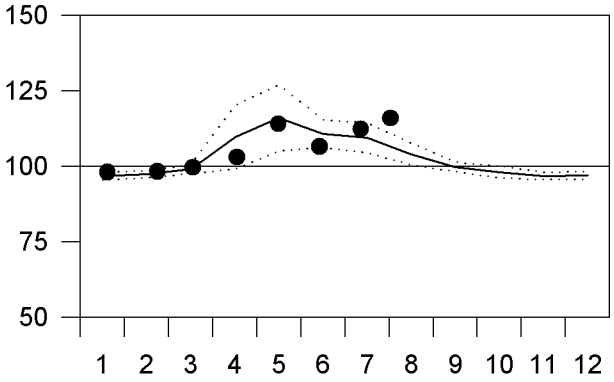
DIN µmol/l



SiO_3 µmol/l

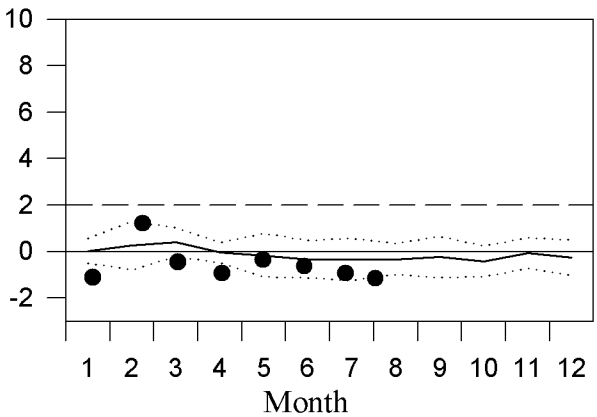


O_2 saturation %

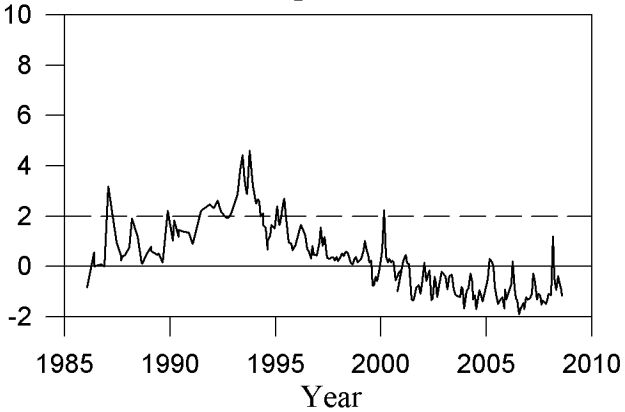


OXYGEN IN BOTTOM WATER

O_2 ml/l



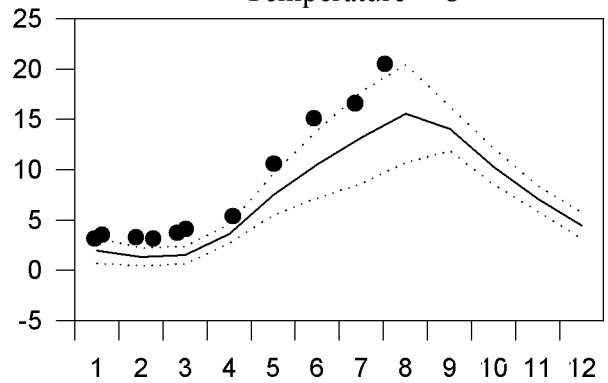
O_2 ml/l



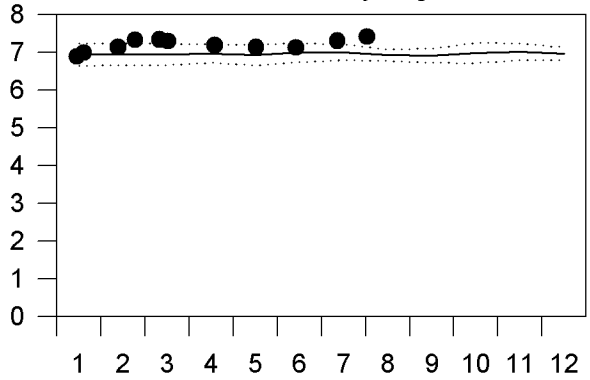
STATION REF M1V1 SURFACE WATER

Annual Cycles

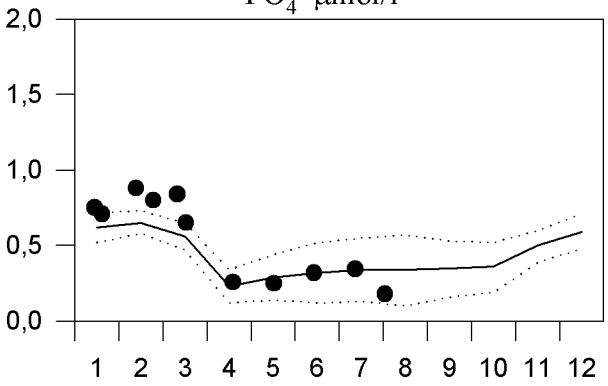
Temperature °C



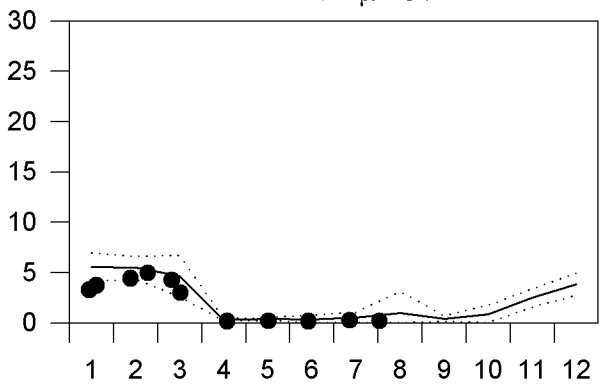
Salinity psu



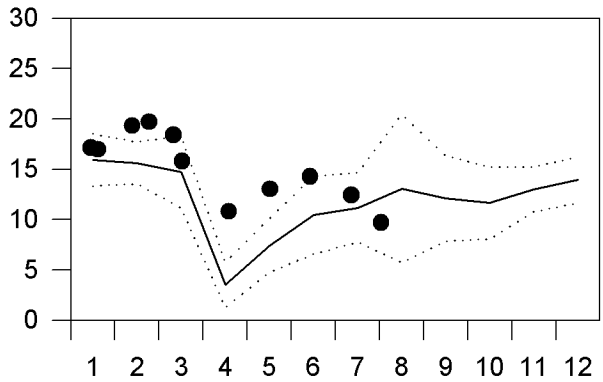
PO_4 µmol/l



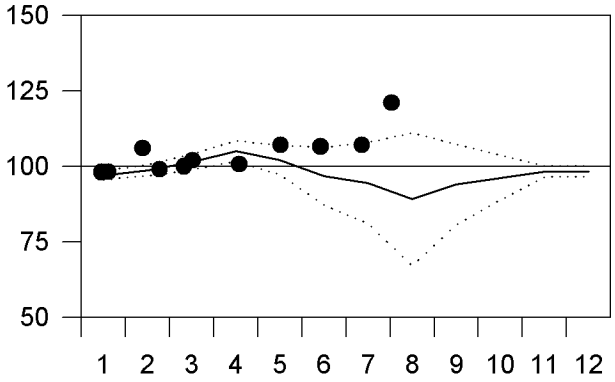
DIN µmol/l



SiO_3 µmol/l

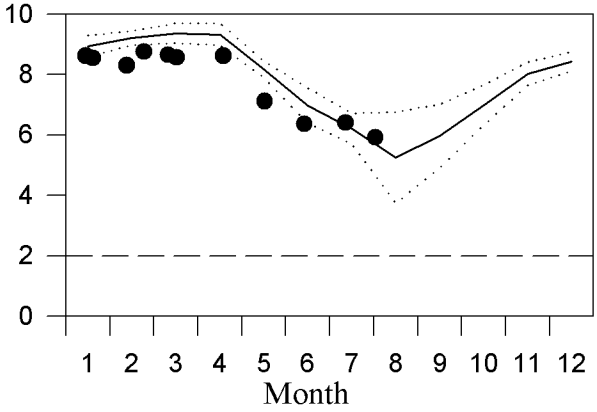


O_2 saturation %

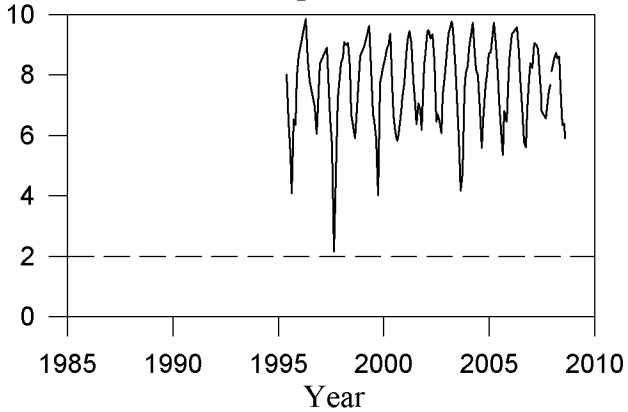


OXYGEN IN BOTTOM WATER

O_2 ml/l



O_2 ml/l

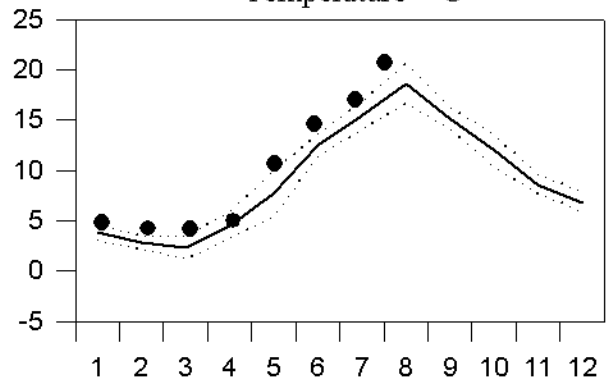


STATION HANÖBUKTEN SURFACE WATER

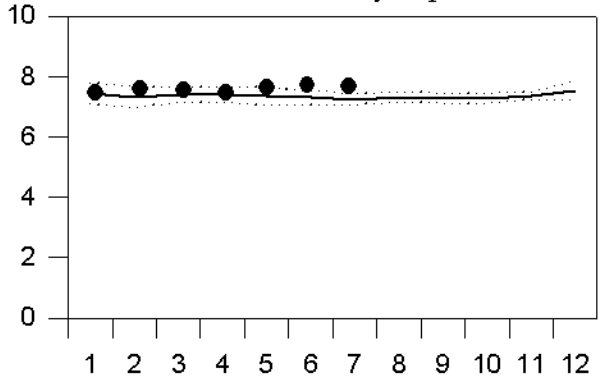
Annual Cycles

Mean 1995-2004 ····· St.Dev. ● 2008

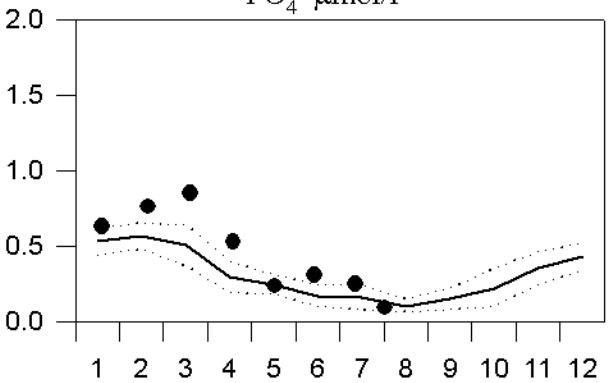
Temperature °C



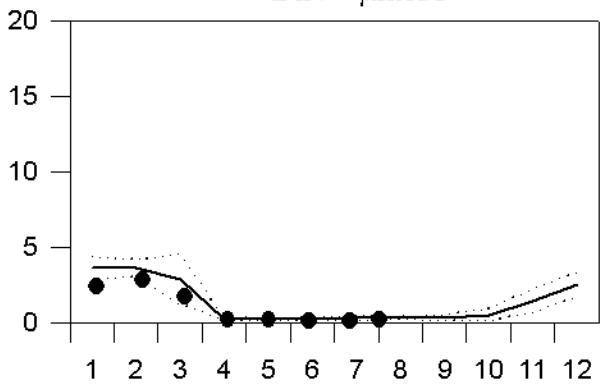
Salinity psu



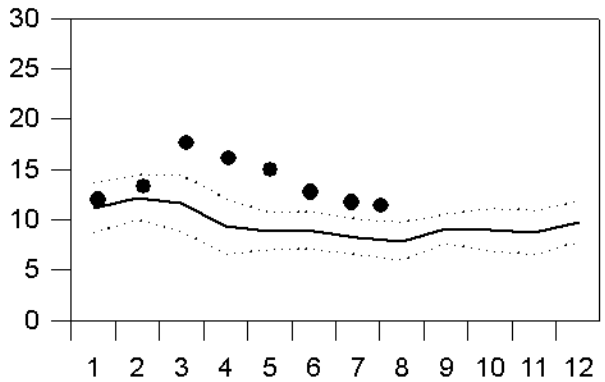
PO_4 µmol/l



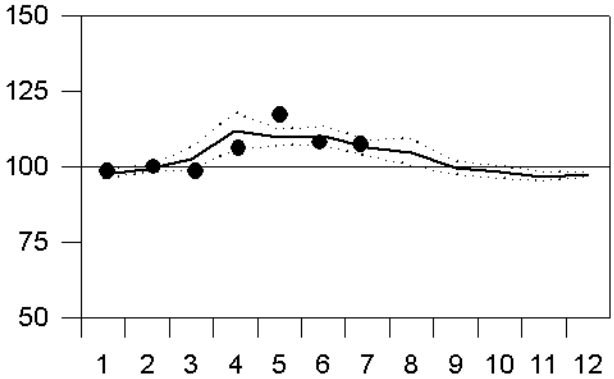
DIN µmol/l



SiO_3 µmol/l

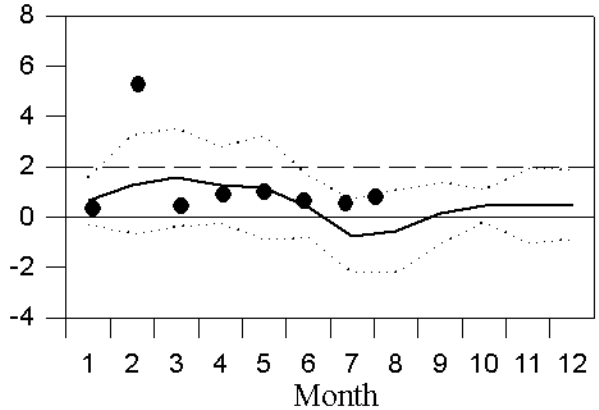


O_2 saturation %

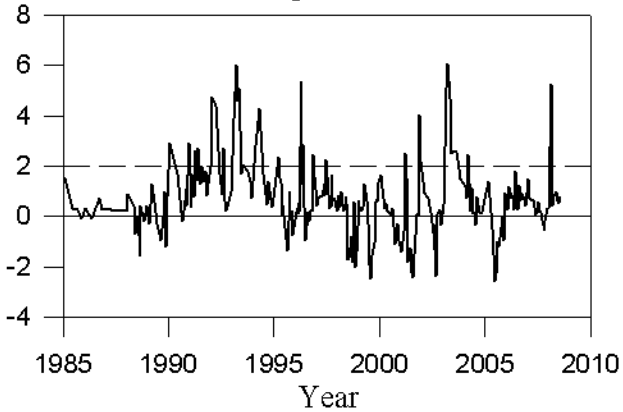


OXYGEN IN BOTTOM WATER

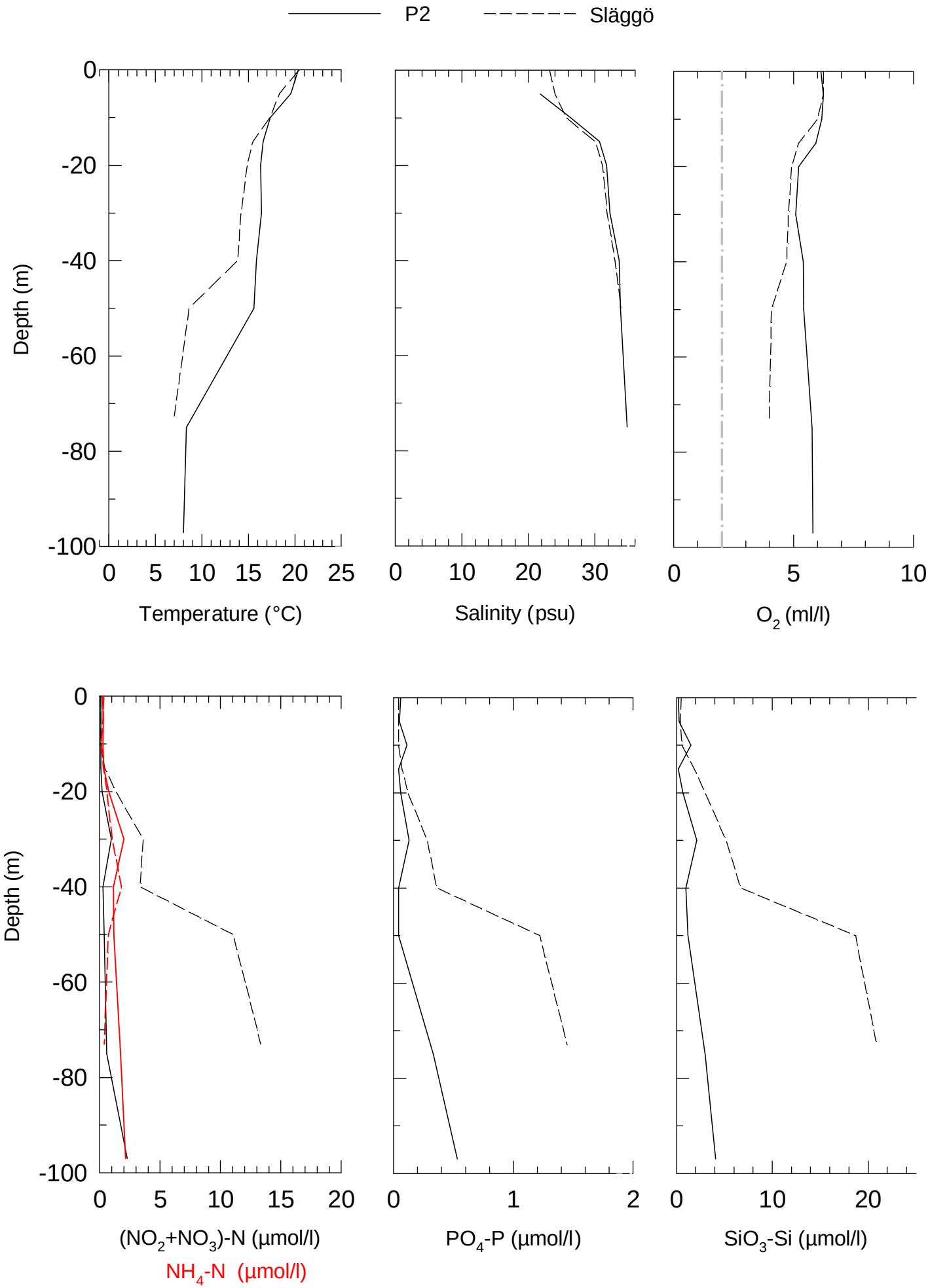
O_2 ml/l

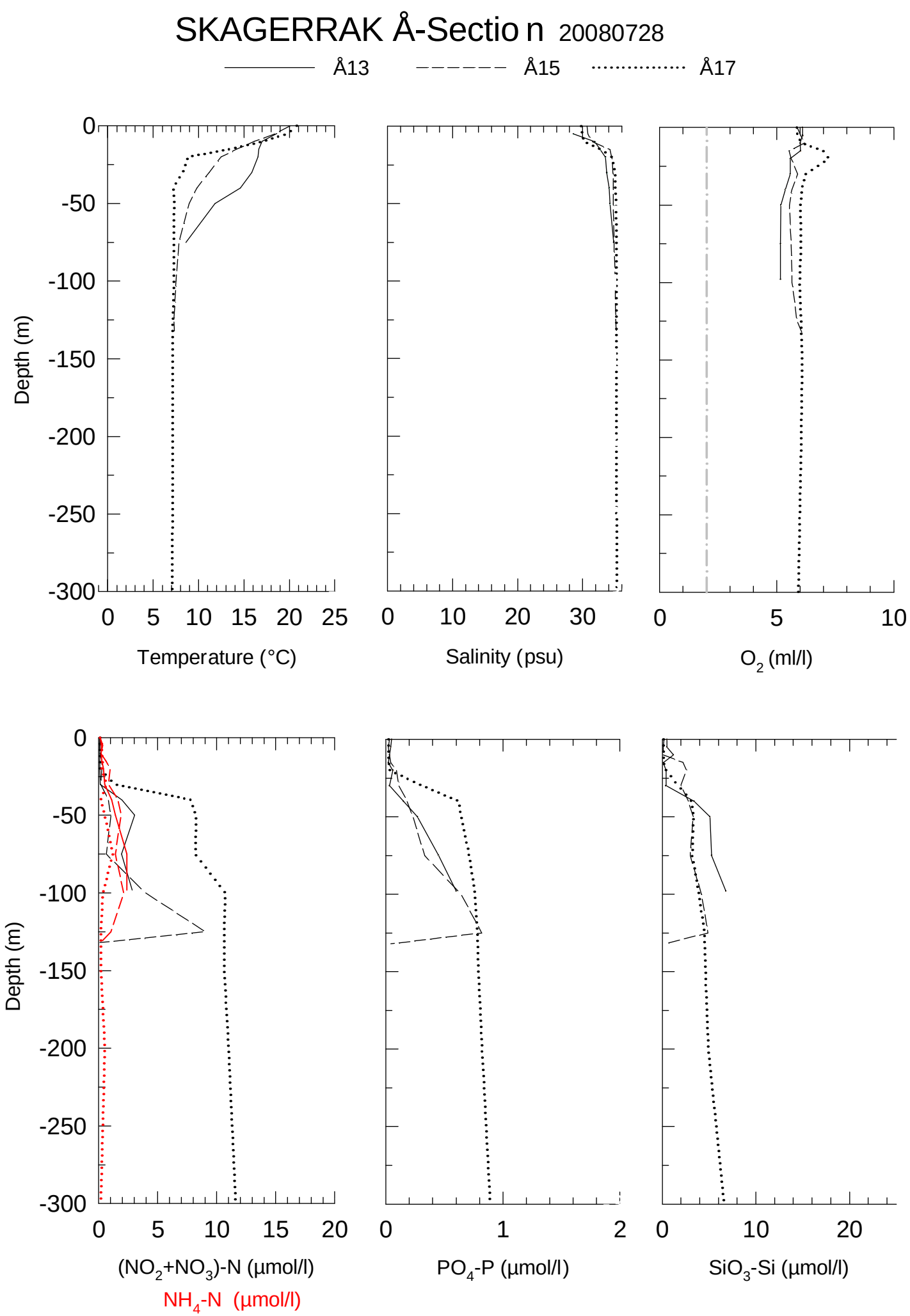


O_2 ml/l

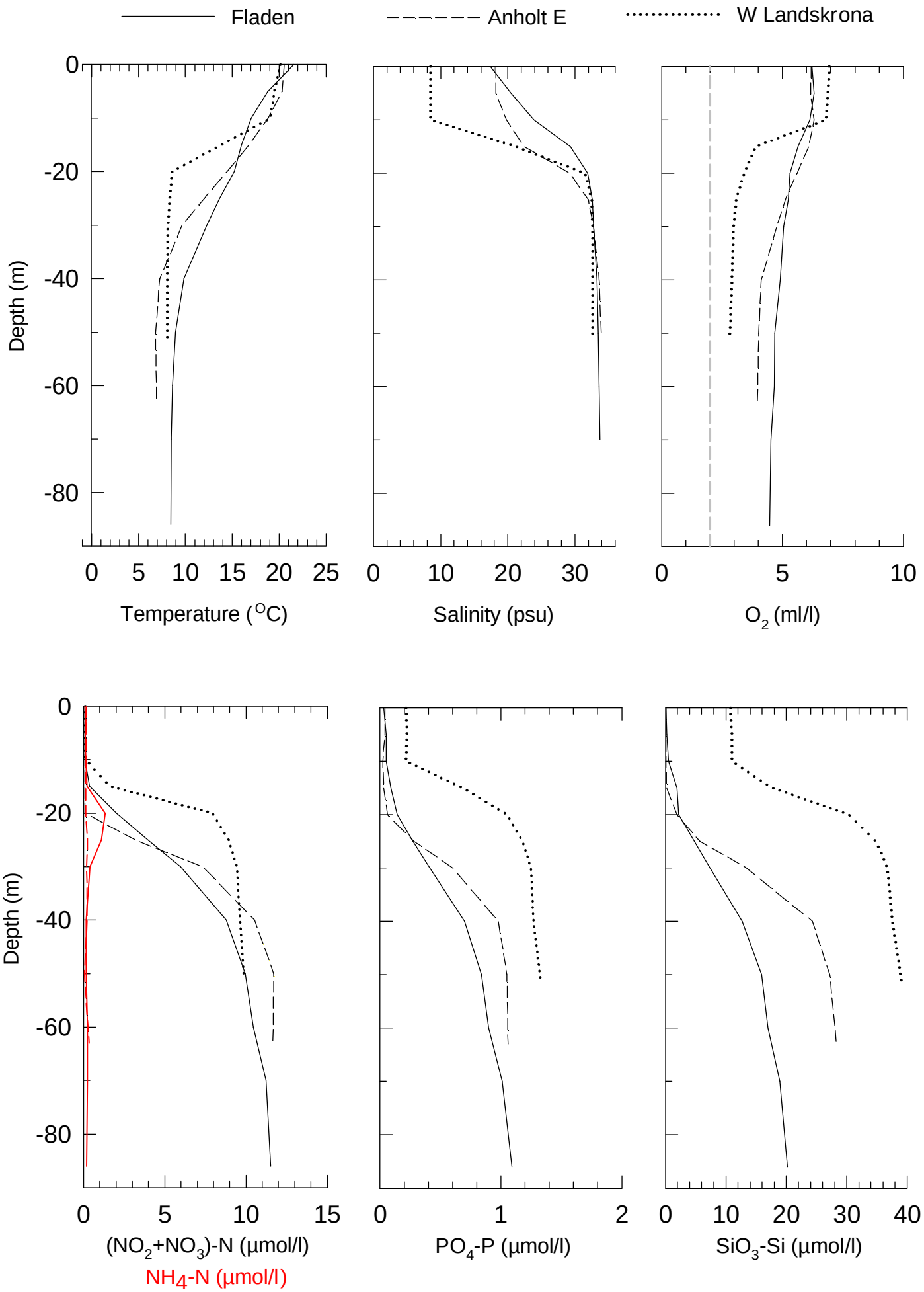


SKAGERRAK Coast 20080728

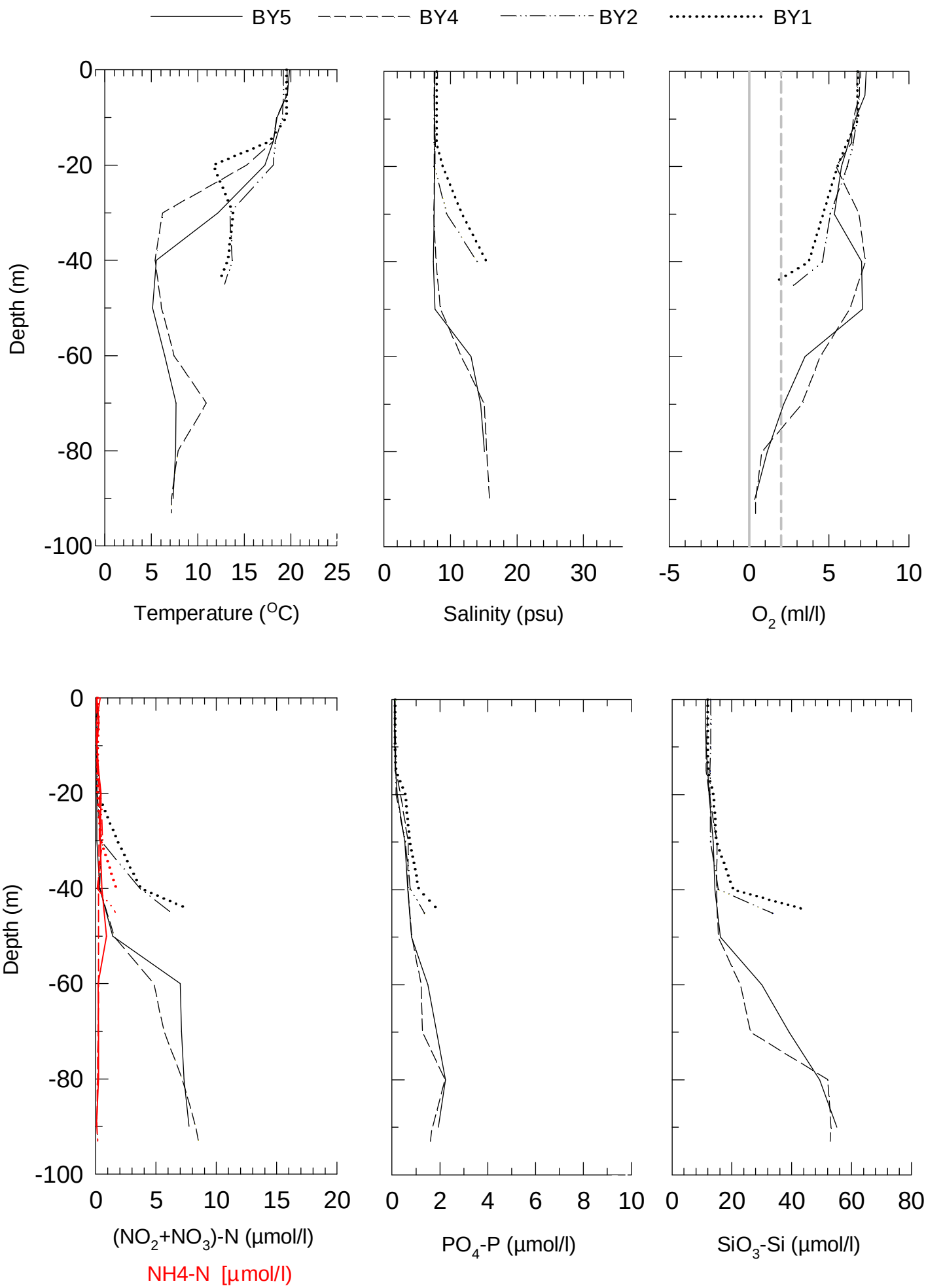



SKAGERRAK Å-Sectio n 20080728
Å13
Å15
Å17
Depth (m)
0
-50
-100
-150
-200
-250
-300
0 5 10 15 20 25
Temperature (°C)
0 10 20 30
Salinity (psu)
0 5 10
O2 (ml/l)
0 5 10 15 20
(NO2+NO3)-N (µmol/l)
NH4-N (µmol/l)
0 1 2
PO4-P (µmol/l)
0 10 20
SiO3-Si (µmol/l)

KATTEGAT and THE SOUND 20080729



SOUTHERN BALTIC 20080729-20080730



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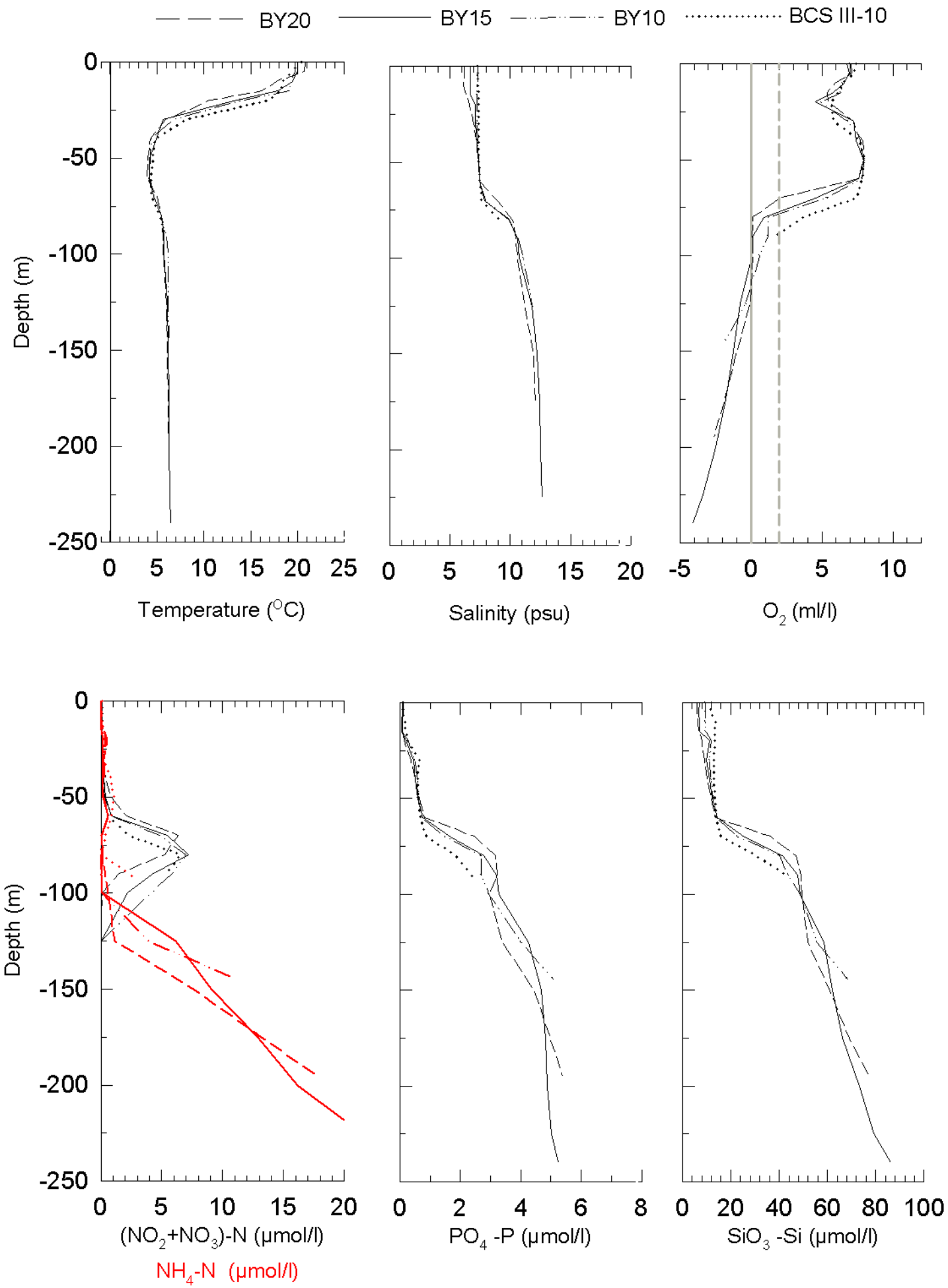

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