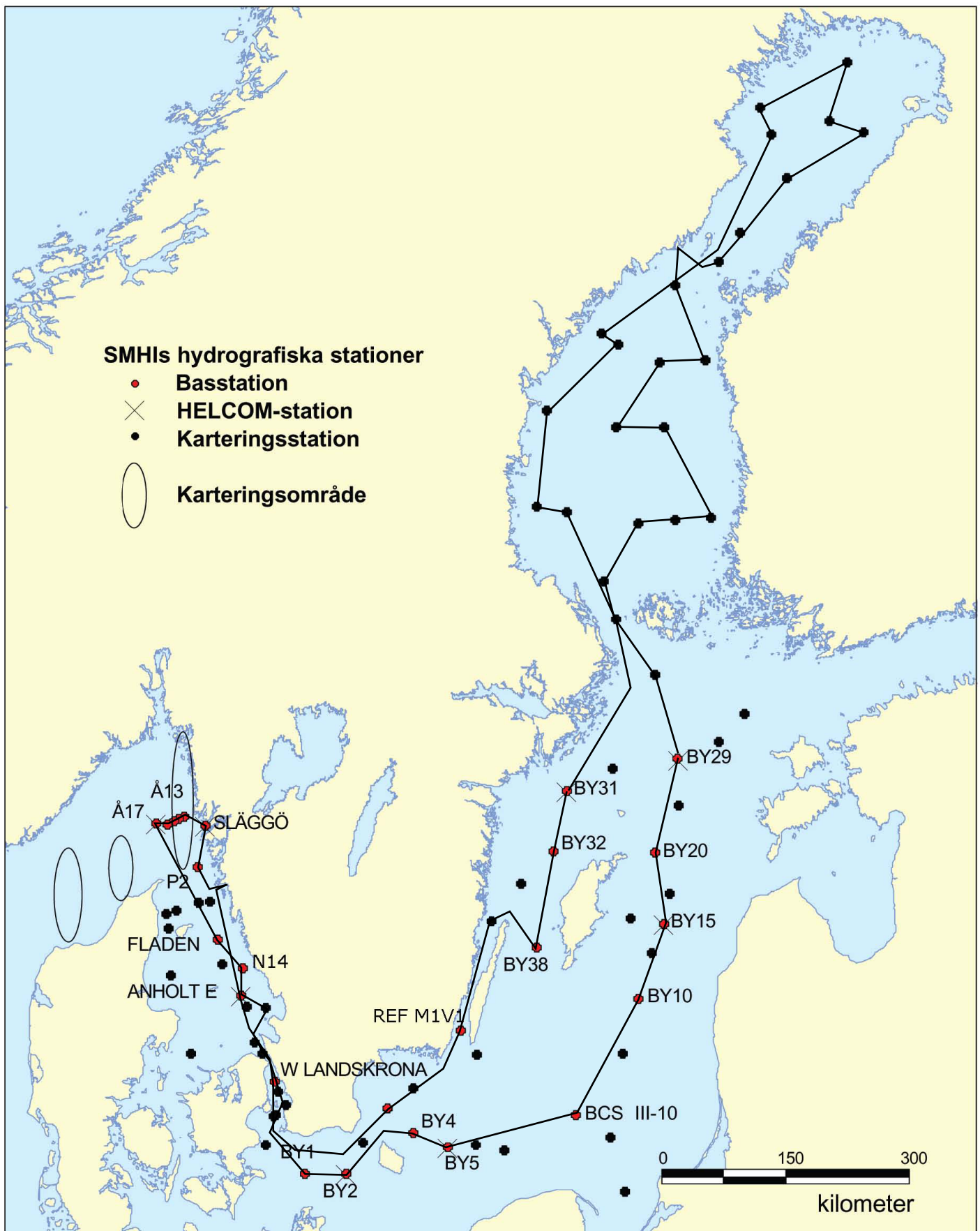


TRACKCHART

Country: Sweden
 Ship: KBV 001 POSEIDON
 Date: 20111205-20111216
 Series: 0162-0213



SMHI
Ocean enh

Hydrographic
series

Ship: 01-KBV 001 Poseidon
Year: 2011

Date: 2011-12-16
Time: 12:50

Ser no	Stat code	P r o j	Station-----	Lat-----	Lon-----	Date yyyymmdd	Time hhmm utc	Bottom depth m	Secchi depth m	Wind di ve	Air temp C	Air pres hPa	WCSI elec t	PPCPZZT C Hrhhoor t Cillyooa motPBw PrP l	No de	T e m l	S a l i n	P h y g	O x y S	H 2 o P P	P t N N	N o o N N	T h o l i u i a 3 l s i	A k o m g N C C m	S h u i o 0 0 0 0	L i u i o 0 0 0 0	P t N C C m	P t N C C m	C m		
0162	SKEX23BAS	P2		N5752	E1118	20111205	1349	92		32 22	4.8	976	1460	x --x----	10	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0163	FIBG27BAS	SLÄGGÖ		N5815.5	E1126.0	20111205	1709	61		28 18	4.5	976	9990	x --xx---	9	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0164	SKEX14BAS	Å13		N5820.2	E1102	20111205	1923	96		30 22	5.0	977	9990	x --x----	10	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0165	SKEX15BAS	Å14		N5819	E1056.5	20111205	2019	115		32 12	3.7	979	9990	x -----	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
0166	SKEX16BAS	Å15		N5817.7	E1051	20111205	2108	137		33 17	4.3	978	9990	x --x----	12	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0167	SKEX17BAS	Å16		N5816	E1043.5	20111205	2210	205		32 8	3.9	980	9990	x -----	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
0168	SKEX18BAS	Å17		N5816.5	E1030.8	20111205	2323	340		32 17	4.7	979	9990	x --xx---	14	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0169	KANX25BAS	FLADEN		N5711.5	E1140	20111206	0732	71		23 13	4.0	986	1540	x --x----	11	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0170	KANX50BAS	N14 FALKENBERG		N5656.40	E1212.70	20111206	1029	32		23 15	4.5	986	1450	x -xxxx--	7	x	x	x	-	x	x	x	x	x	x	-	-	-	-	-	
0171	KAEX29BAS	ANHOLT E		N5640.0	E1207.0	20111206	1245	53		23 17	4.5	987	2850	x -xxx---	10	x	x	x	-	x	x	x	x	x	x	-	-	-	-	x	
0172	KAEL60HAL	L9 LAHOLMSBUKTEN		N5633.90	E1243.20	20111206	1520	19		24 6	2.6	988	9990	x --x----	5	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0173	SOCX39BAS	W LANDSKRONA		N5552.0	E1245.0	20111206	1944	51		24 11	2.0	989	9990	x --x----	9	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0174	BPSA02BAS	BY1		N5500	E1318	20111207	0326	47		25 18	4.2	991	9990	x --x----	8	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0175	BPSA03BAS	BY2 ARKONA		N5500	E1405	20111207	0650	47		23 18			2850	x --xx---	8	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0176	BPSB06BAS	BY4 CHRISTIANSÖ		N5523	E1520	20111207	1244	93		23 15			2850	x --x----	13	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0177	BPSB07BAS	BY5 BORNHOLMSDJ		N5515	E1559	20111207	1524	90		23 11	4.1	997	9990	x -xxx---	12	x	x	x	-	x	x	x	x	x	x	-	-	-	-	x	
0178	BPSE11BAS	BCS IIII-10		N5533.3	E1824	20111207	2246	91		16 14			9990	x --x----	12	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0179	BPEX13BAS	BY10		N5638	E1935	20111208	0640	145		23 6			2840	x --x----	15	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0180	BPEX21BAS	BY15 GOTLANDSDJ		N5720	E2003	20111208	1114	250	11	32 9	3.5	1001	2730	x -xxxx--	19	x	x	x	-	x	x	x	x	x	x	-	-	-	-	x	
0181	BPEX21EXT	BY15 GOTLANDSDJ		N5720	E2003	20111208	1220	250		32 9	3.5	1001	2730	x -----	6	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0182	BPEX26BAS	BY20 FÄRÖDJ		N5800	E1953	20111208	1633	198		22 4	2.7	1003	9990	x --x----	17	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0183	BPNX35BAS	BY29		N5853	E2019	20111208	2156	172		23 13	3.3	999	9990	x --x----	16	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0184	GBAX01BAS	TRÖSKELN ÅLANDS HAV		N5959	E1928.3	20111209	0550	95		18 26	3.7	981	9990	x -----	13	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0185	GBSX03BAS	F33 GRUNDKALLEN		N6032.5	E1856	20111209	1025	98		18 15	2.9	973	6750	x -----	13	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0186	GBSX07BAS	SR5 / C4		N6105	E1935	20111209	1416	126		15 20	4.6	973	9990	x -----	15	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0187	GBSX06BAS	SS29		N6106.5	E2016	20111209	1732	115		14 20	4.0	972	9990	x -----	14	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0188	GBSX04BAS	SR8		N6108	E2056	20111209	2038	46		16 15	2.7	973	9990	x -----	7	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x

Date: 2011-12-16
Time: 12:50

Ser no	Stat code	P r o j	Station-----	Lat----	Lon-----	Date yyyymmdd	Time hhmm utc	Bottom depth m	Secchi depth m	Wind di ve	Air temp C	Air pres hPa	WCSI elec t aoae d	C PPCPZZT Hrhhoo ml y s motPBw PrP l	No T S P O H P T N N N T A S H L P T C
0189	GBSX22BAS F26 / C15		N6159 E2004 20111210 0309 142							13 17	3.7	973	9990 x -	-	15 x x - x - x x x x x x - x - - - - x
0190	GBSX17BAS MS6		N6159 E1910 20111210 0623 70							10 10	3.3	973	9990 x -----	-	10 x x - x - x x x x x x - x - - - - x
0191	GBSX26BAS USSB / C1		N6235.2 E1958.5 20111210 1047 219							06 10	2.5	975	2840 x -----	-	17 x x x - x x x x x x x x - - - - - x
0192	GBSX23BAS US7		N6236 E2050 20111210 1354 24							04 12	1.3	979	9990 x -----	-	6 x x - x - x x x x x x - x - - - - x
0193	GBSX30BAS F18 SYDOSTBTOTTEN		N6318.5 E2016.5 20111210 1758 102							11 14	1.8	979	9990 x -----	-	13 x x - x - x x x x x x - x - - - - x
0194	GBQX31BAS F16		N6331.5 E2105 20111210 2315 45							35 20	0.0	980	9990 x -----	-	8 x x - x - x x x x x x - x - - - - x
0195	GBBX32BAS F13		N6347.5 E2129 20111211 0153 66							36 19	-1.0	984	7990 x -----	-	10 x x - x - x x x x x x - x - - - - x
0196	BBBX33BAS B03 / A3		N6418.3 E2221.5 20111211 0629 108							35 13	0.5	984	9990 x -----	-	14 x x - x - x x x x x x - x x - - - - x
0197	BBBB35BAS RR7		N6444 E2349 20111211 1129 41							35 9	-1.0	986	7830 x -----	-	7 x x - x - x x x x x x - x - - - - x
0198	GBBX37BAS RRS		N6450.2 E2310 20111211 1511 71							34 10	-1.0	987	9990 x -----	-	10 x x - x - x x x x x x - x - - - - x
0199	BBBX46BAS F2		N6523.5 E2330 20111211 1816 72							35 9	-2.4	990	7990 x -----	-	10 x x - x - x x x x x x - x - - - - x
0200	GBBX40BAS RR1		N6458 E2152 20111211 2319 94							35 8	-3.5	995	7990 x -----	-	12 x x - x - x x x x x x - x - - - - x
0201	GBSX28BAS US2 ULVÖDJ		N6251 E1853.5 20111212 1524 212							21 12	3.1	990	9990 x -----	-	17 x x - x - x x x x x x - x - - - - x
0202	BSX27BAS US3 / C6		N6245 E1912 20111212 1719 185							20 17	3.3	989	9990 - -----	-	16 x x - x - x x x x x x - x - - - - x
0203	BSX13BAS MS2		N6208 E1752 20111212 2257 75							19 13	2.5	988	6990 x -----	-	10 x x - x - x x x x x x - x - - - - -
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0205	BSX09BAS SR3		N6111 E1814 20111213 0734 76							21 13	3.2	988	2730 x -----	-	10 x x - x - x x x x x x - x - - - - -
0206	GBAX02BAS F64 SOLOVJEVA		N6011 E1909 20111213 1423 302							18 22	5	987	9990 x -----	-	20 x x - x - x x x x x x - x - - - - x
0207	BPNX37BAS BY31 LANDSORTSDJ		N5835 E1814 20111214 0910 460							22 18			1660 x -xxxx--	-	23 x x x x x x x x x x x x - - - - - x
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0209	BPWX45BAS BY38 KARLSÖDJ		N5707 E1740 20111214 2047 115							18 12			7990 x --x----	-	14 x x - x x x x x x x x - x x - - - - -
0210	BPWK19EXT BLÅ JUNGFRUN		N5724 E1657 20111215 0135 34							23 12			9990 x -x-----	-	6 x - - - - - - - - - - - - - - - -
0211	BPWK01BAS REF M1v1		N5622.25 E1612.1 20111215 0848 23							18 15			6840 x -xxx---	-	5 x x x x - x x x x x x x x - - - - - x
0212	BPSH05BAS HANÖBUKTEN		N5537 E1452 20111215 1737 84							23 15	5.4	995	9990 x --x-----	-	11 x x - x - x x x x x x - x - - - - x
0213	KAFX29BAS ANHOLT E		N5640.0 E1207.0 20111216 1055 55							14 12	4.3	979	6830 x -xxxx-	-	10 x x x - x x x x x x x x - - - - - x

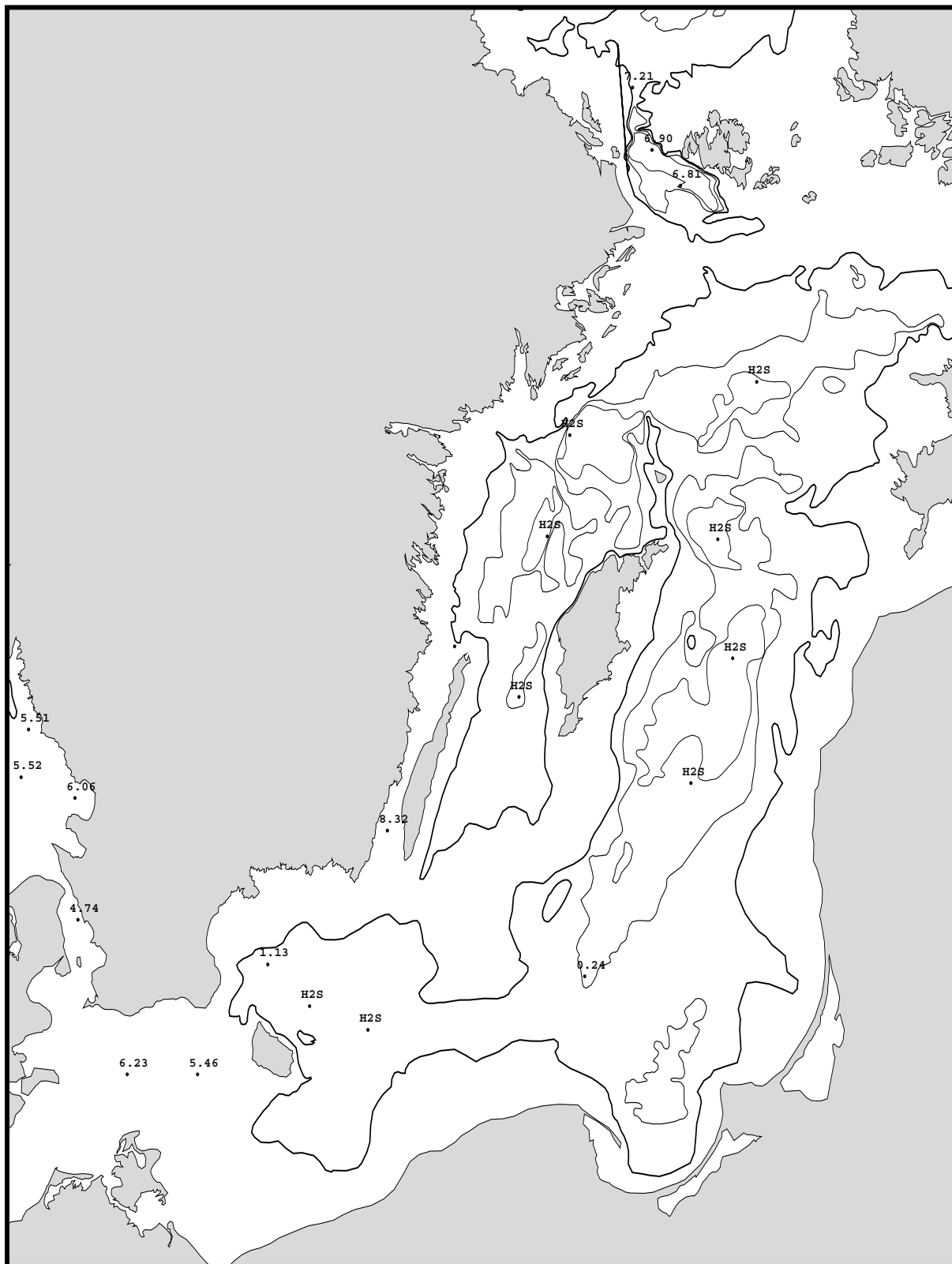
Bottom water oxygen concentration (ml/l)

Country: Sweden

Ship : KBV 001 Poseidon

Date : 20111205-20111215

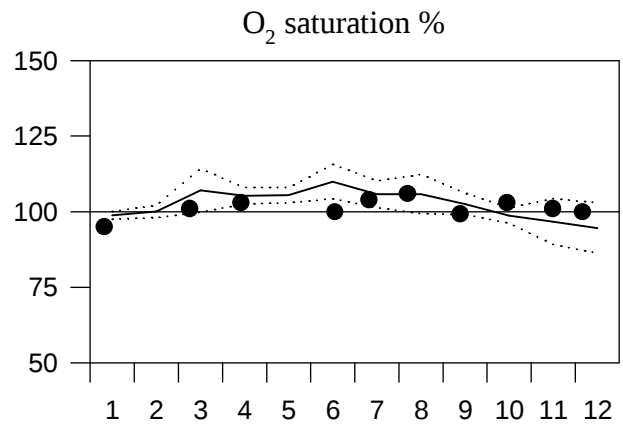
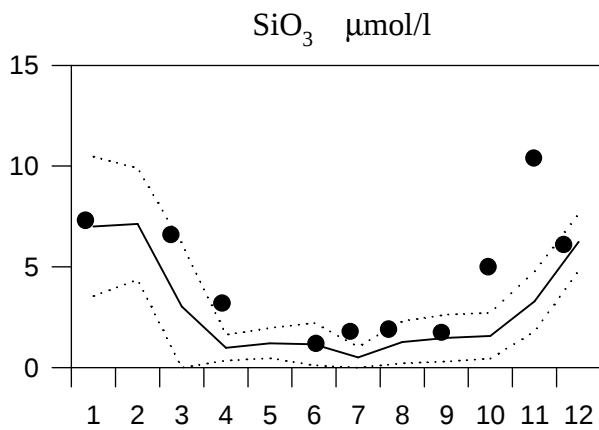
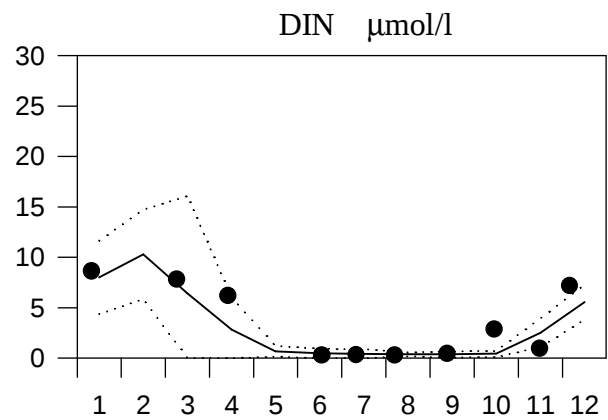
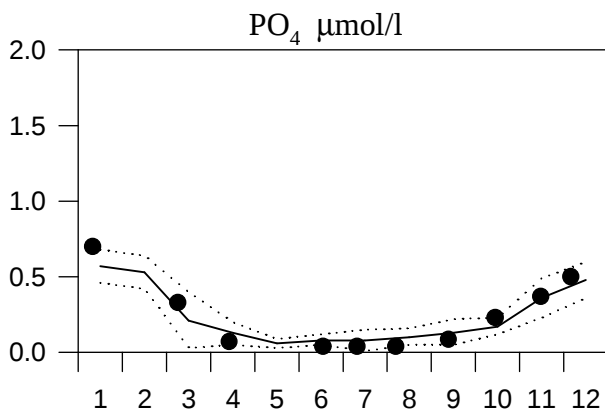
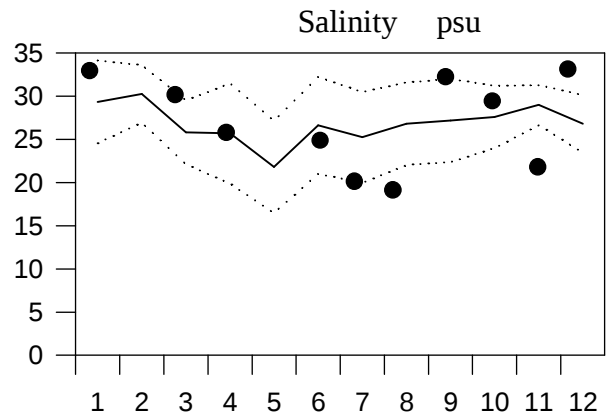
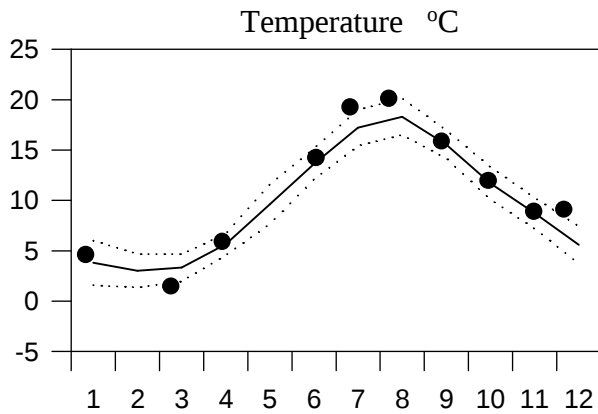
Series : 0162-0212



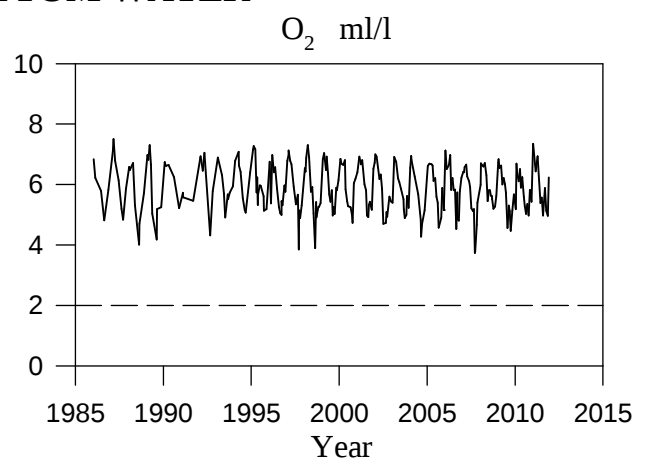
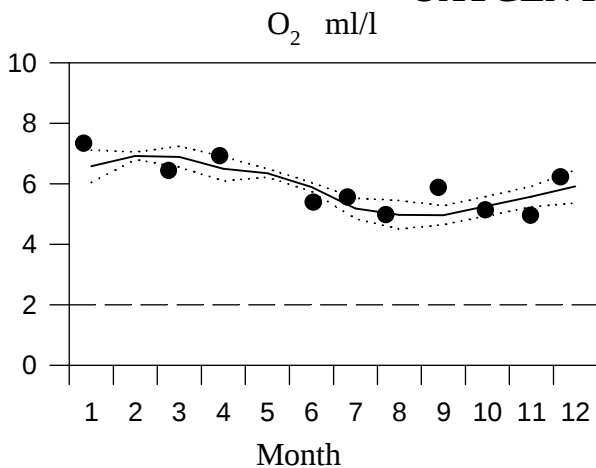
STATION P2 SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



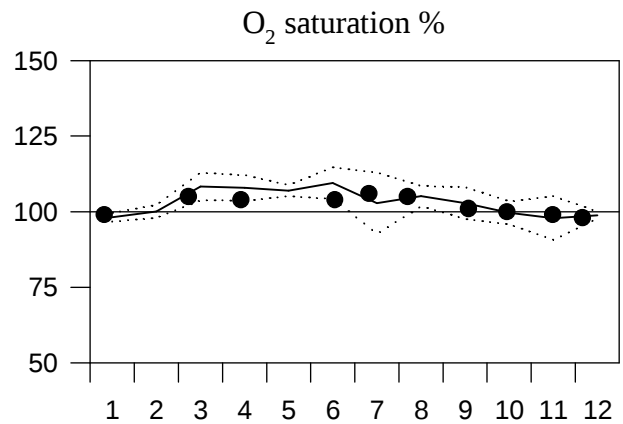
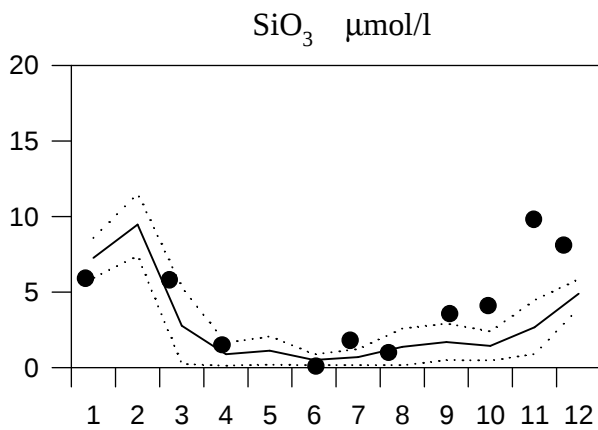
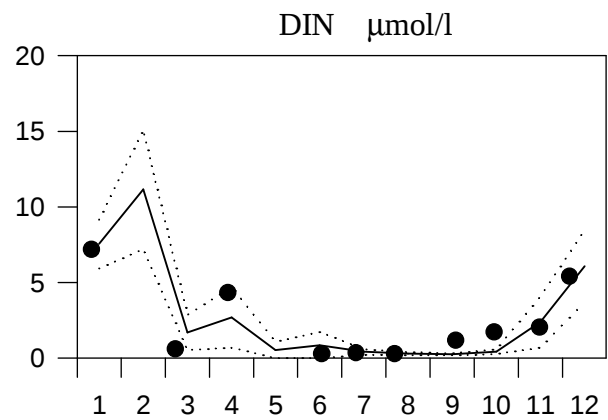
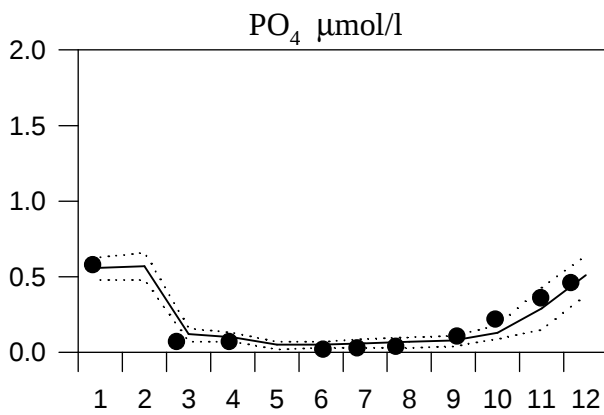
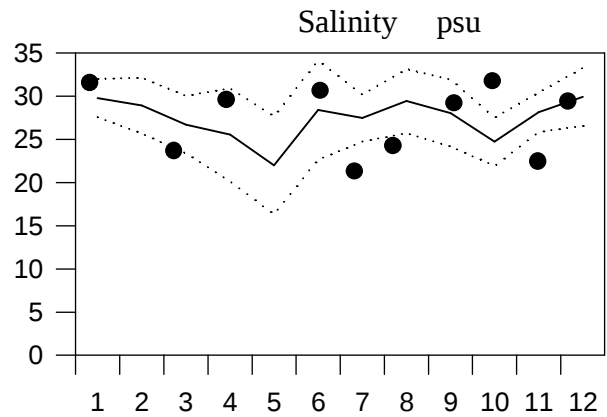
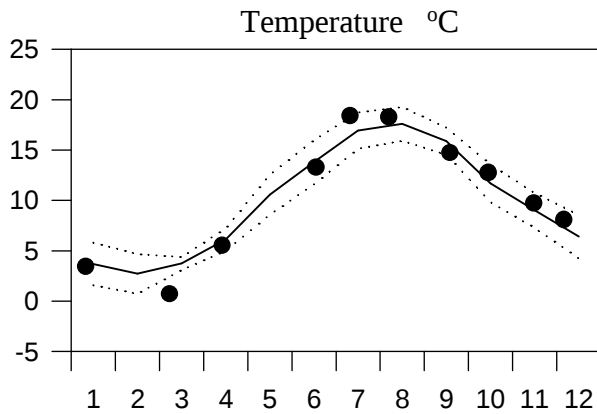
OXYGEN IN BOTTOM WATER



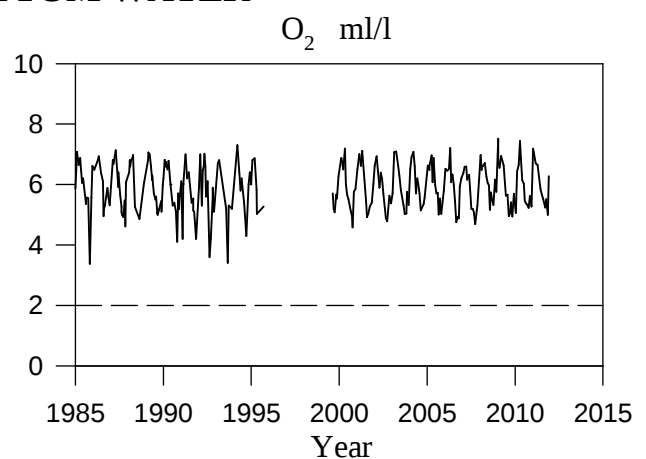
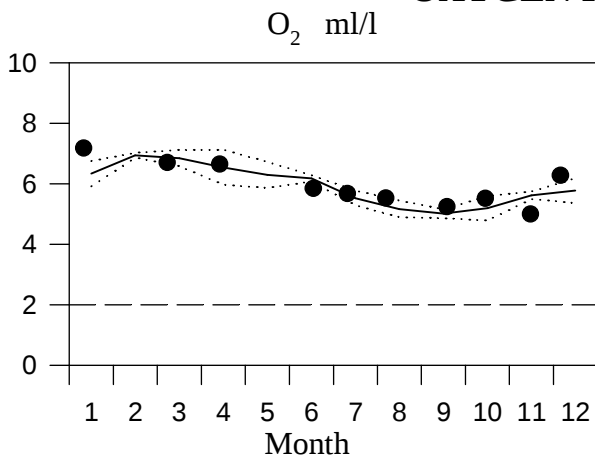
STATION Å13 SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



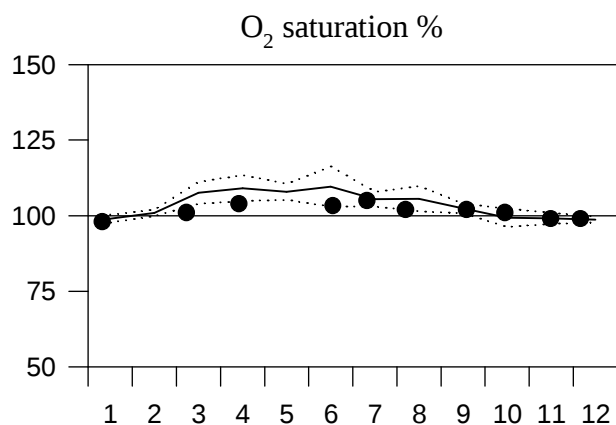
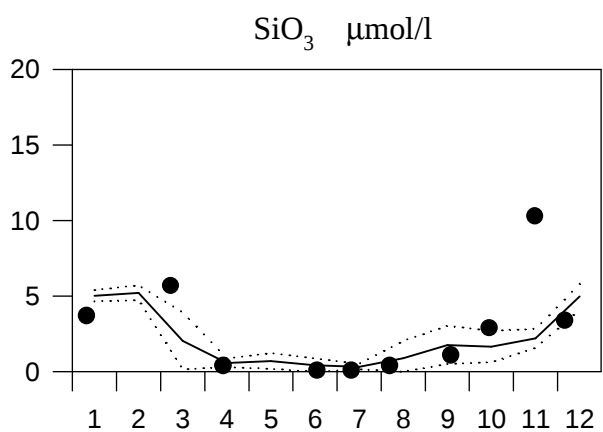
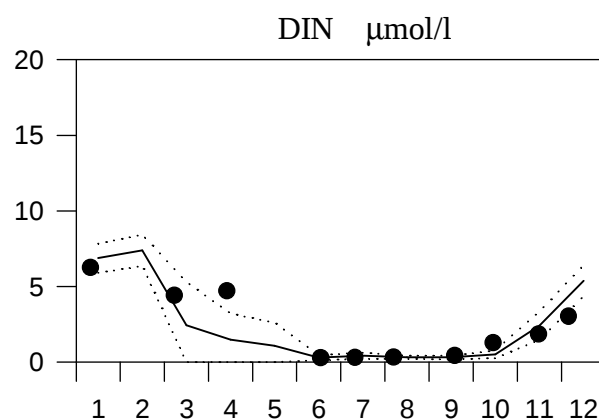
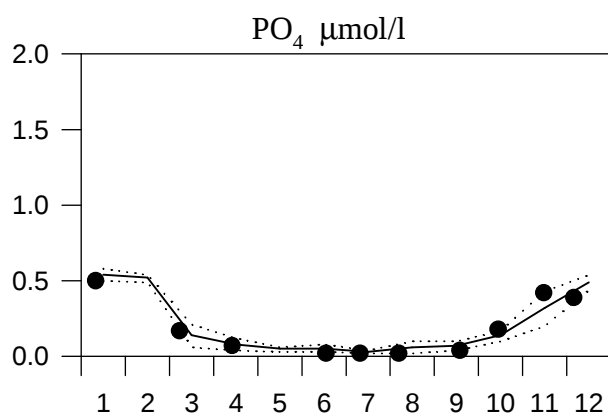
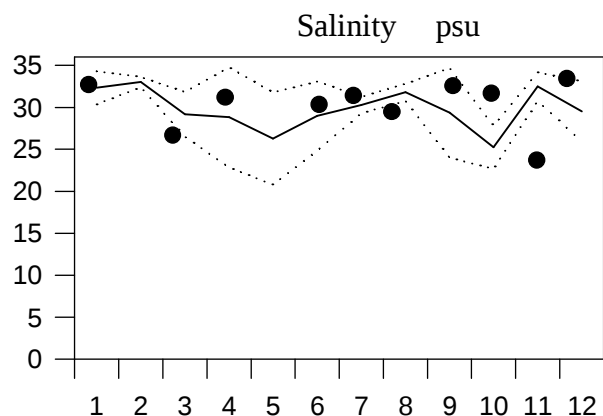
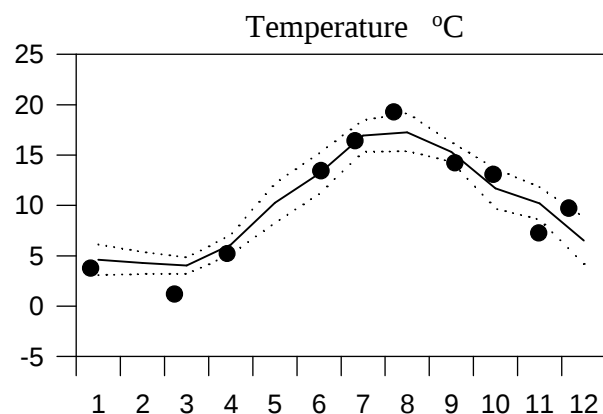
OXYGEN IN BOTTOM WATER



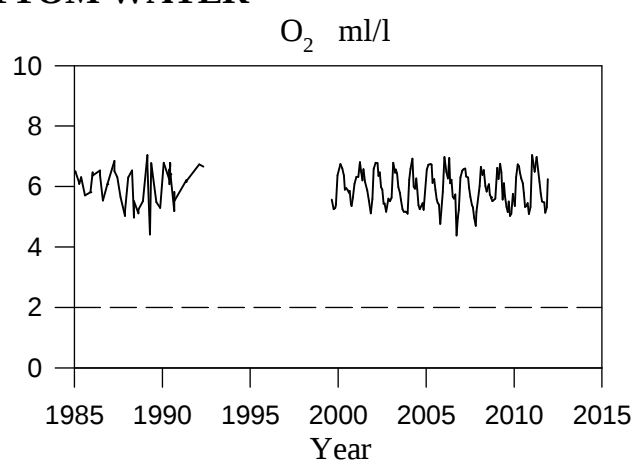
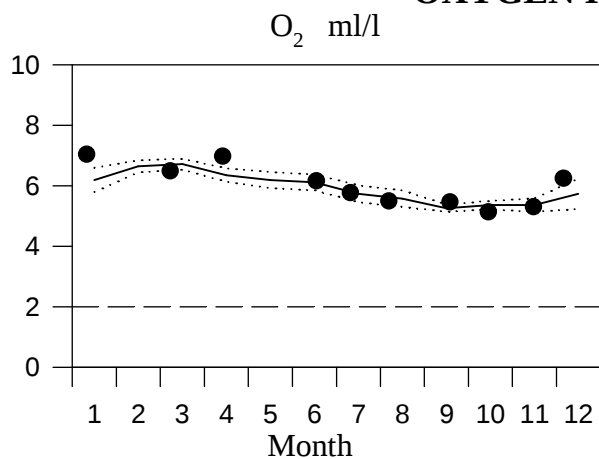
STATION Å15 SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



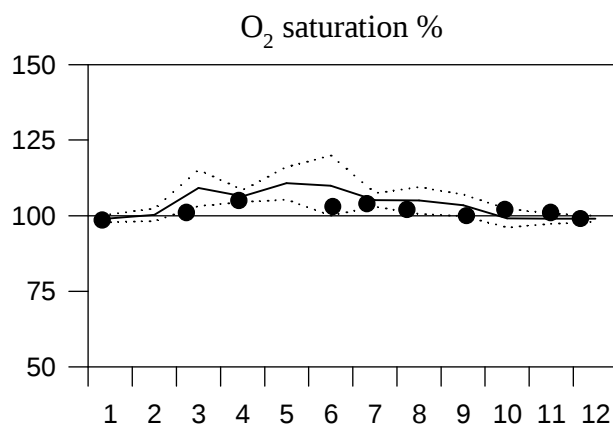
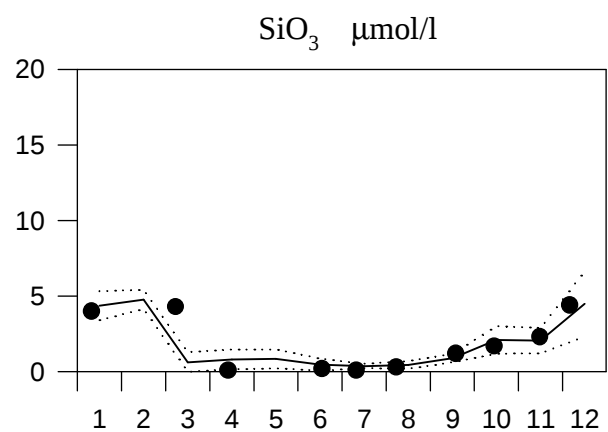
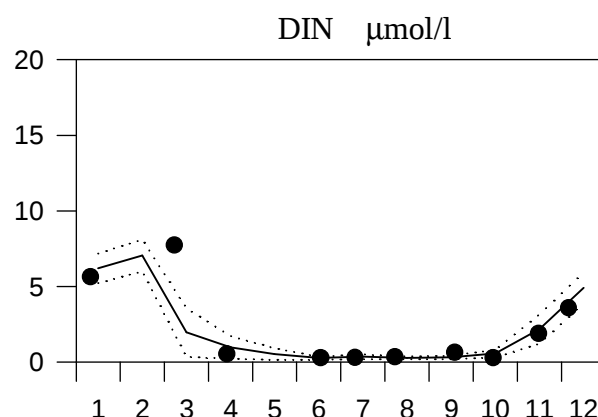
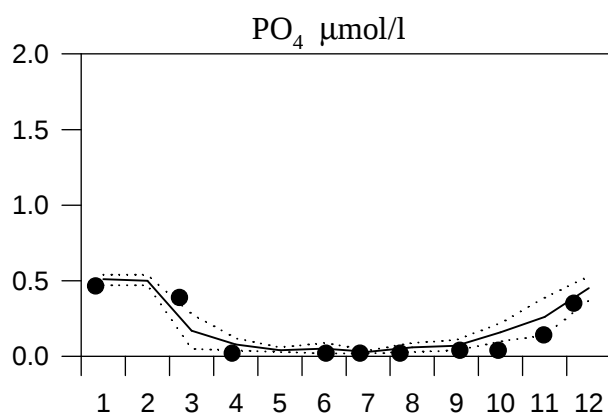
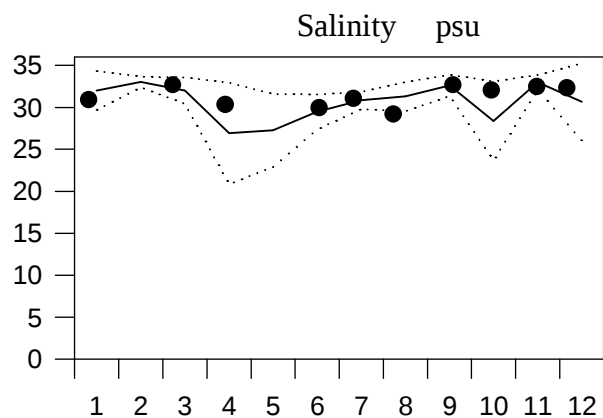
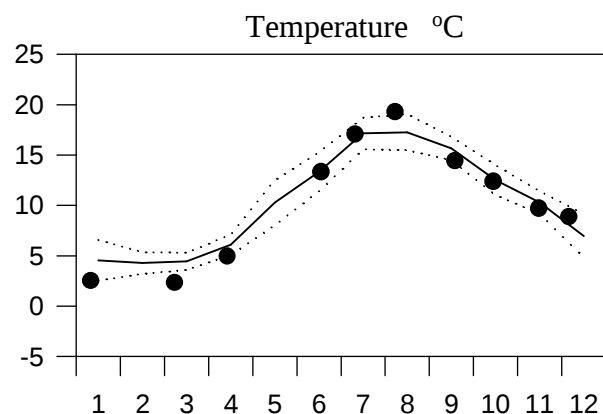
OXYGEN IN BOTTOM WATER



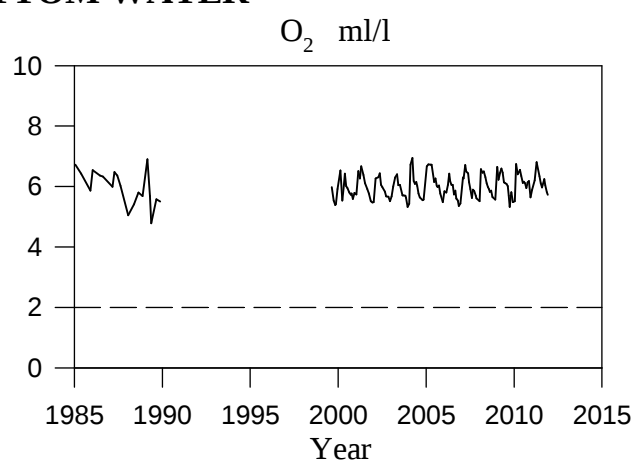
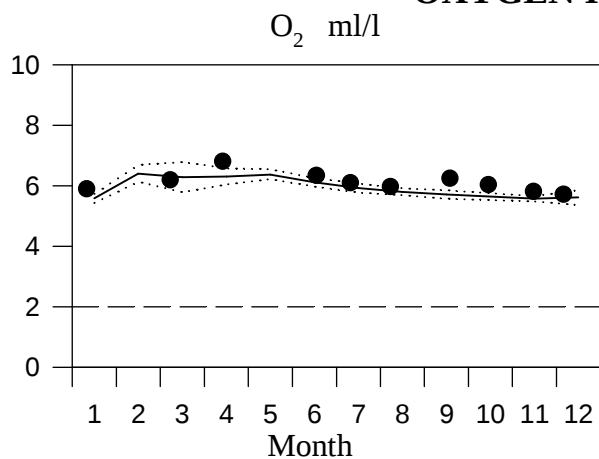
STATION Å17 SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



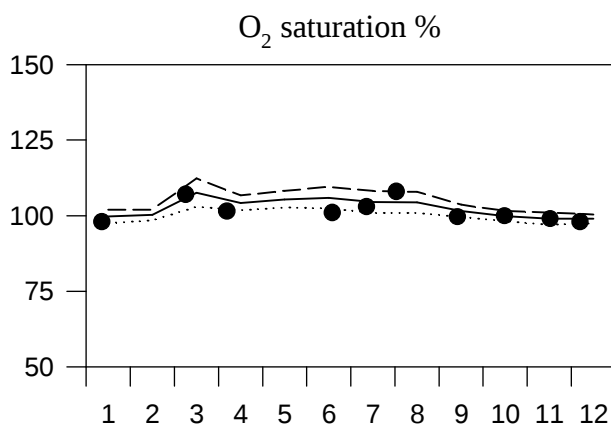
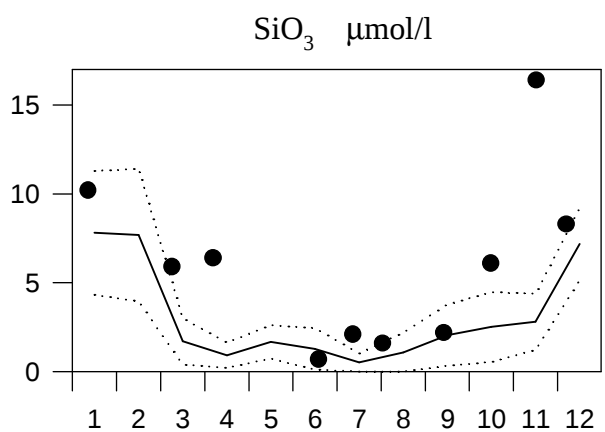
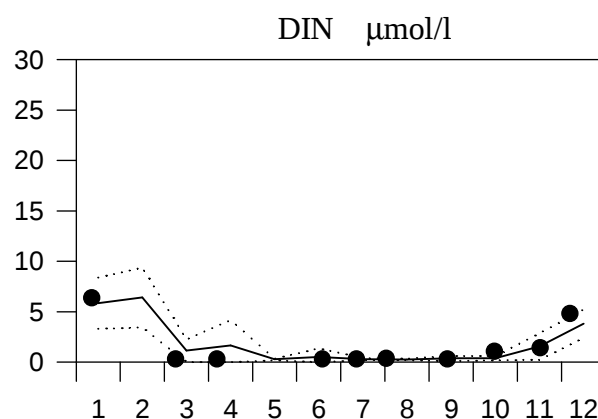
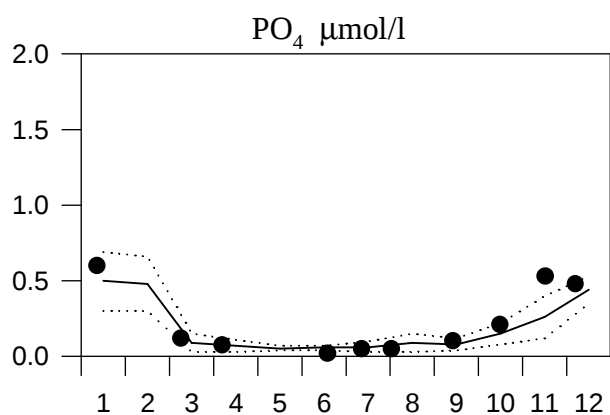
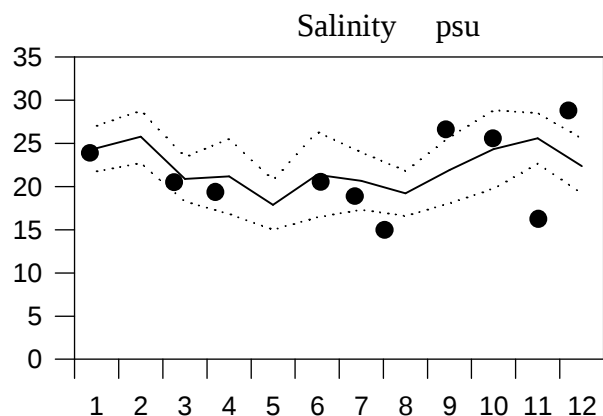
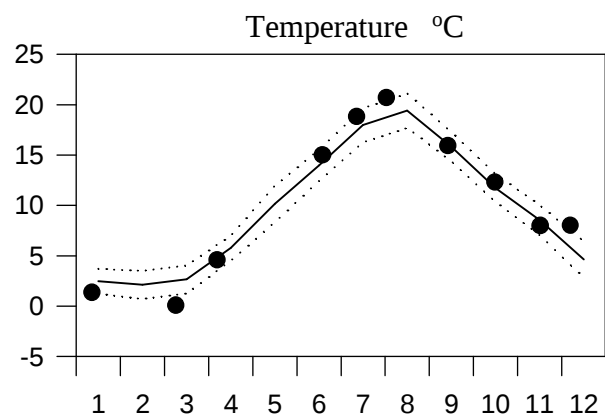
OXYGEN IN BOTTOM WATER



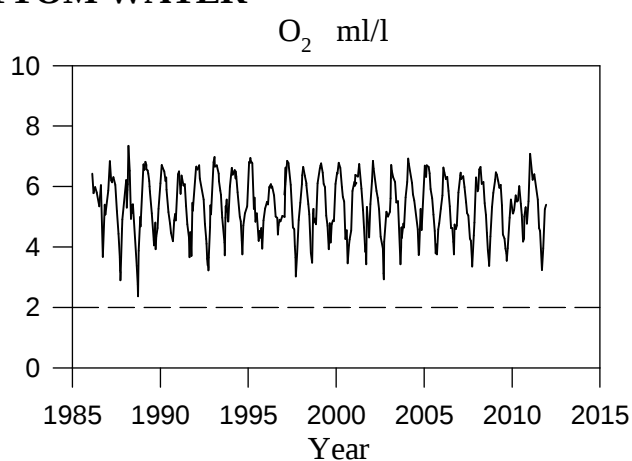
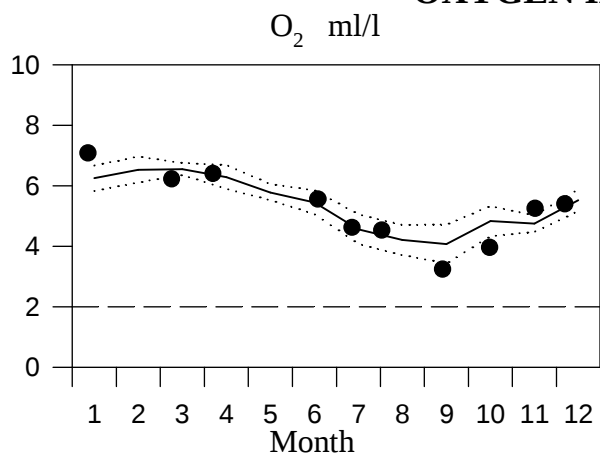
STATION FLADEN SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



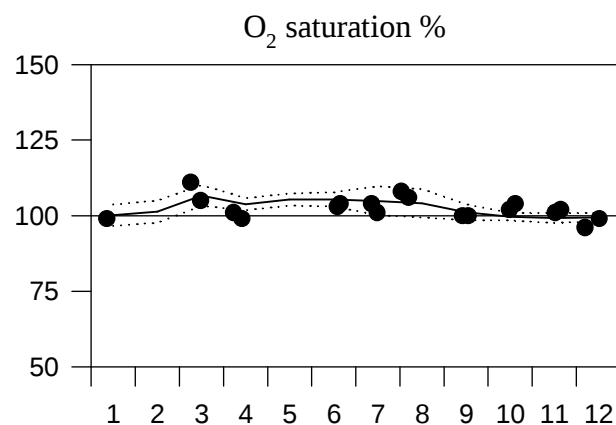
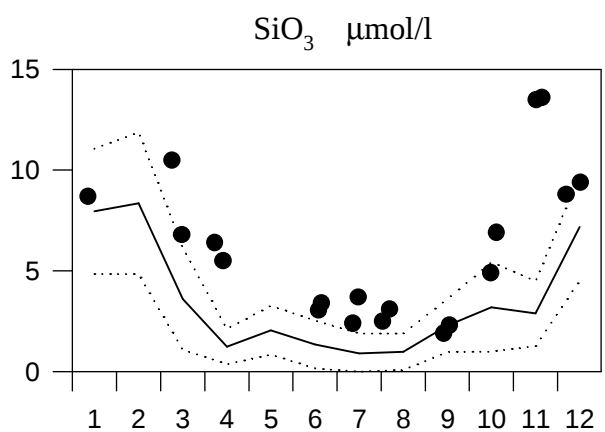
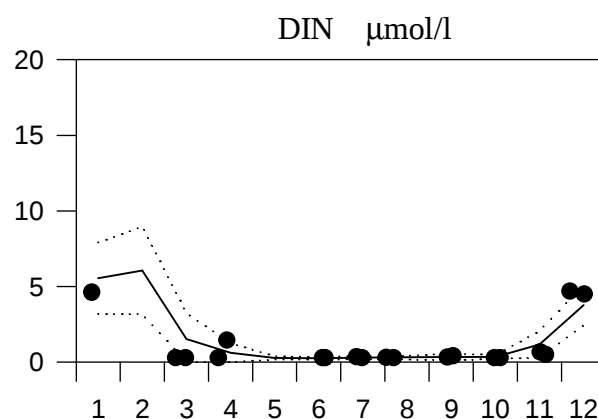
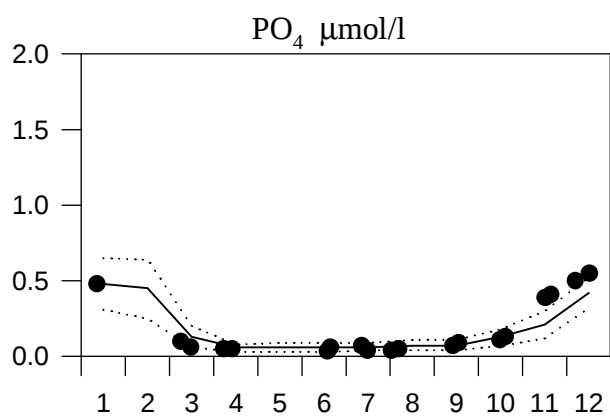
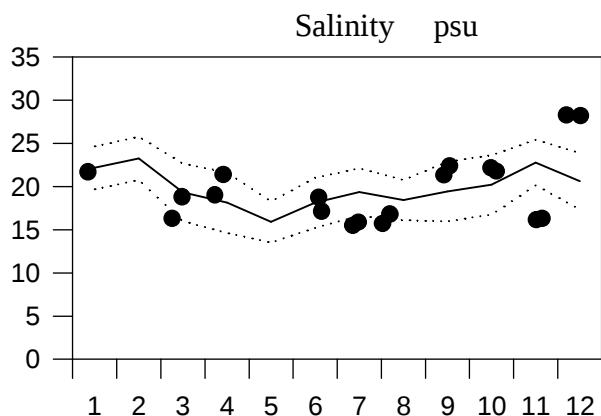
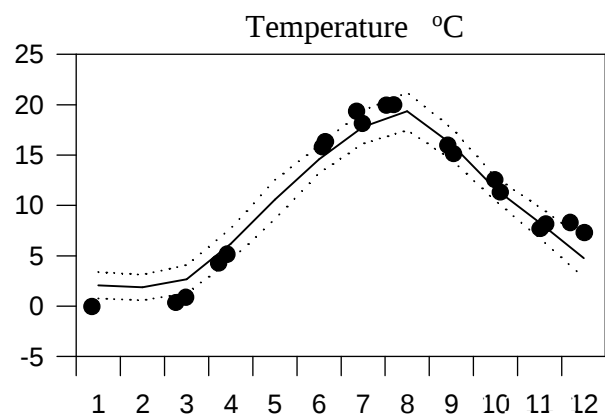
OXYGEN IN BOTTOM WATER



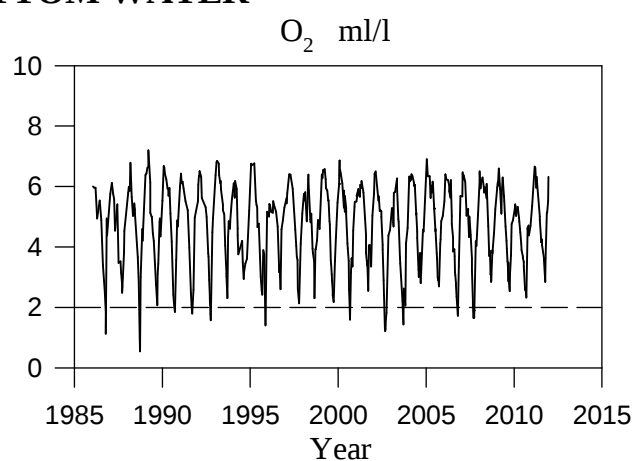
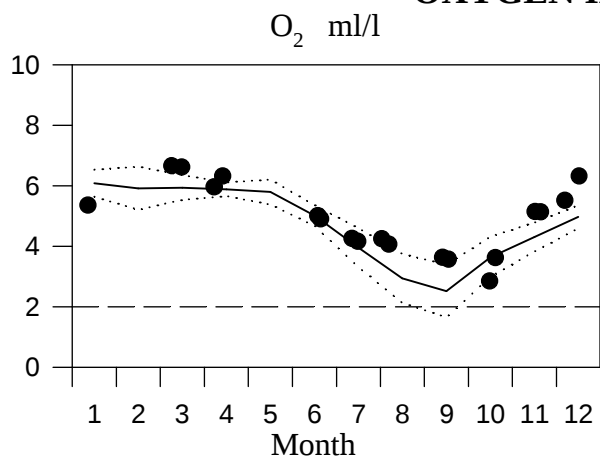
STATION ANHOLT E SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



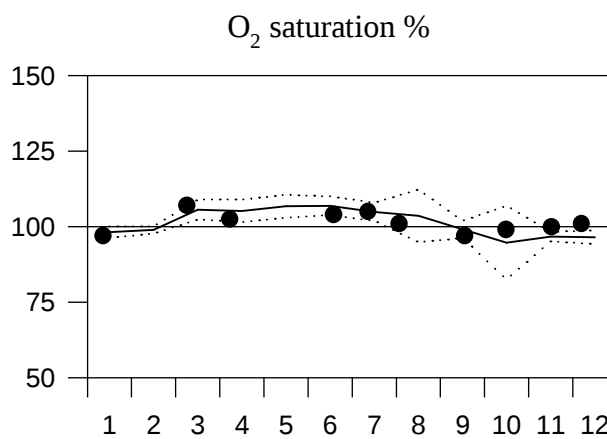
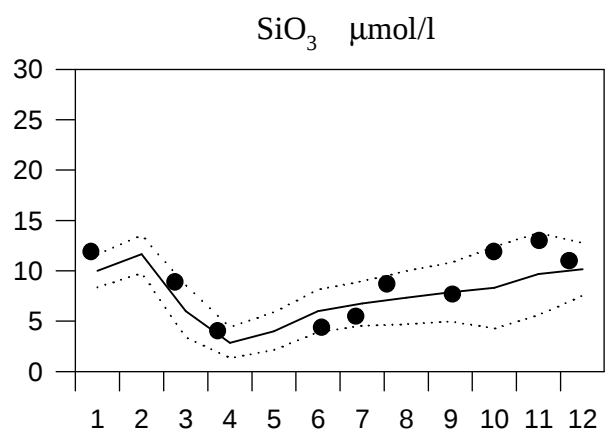
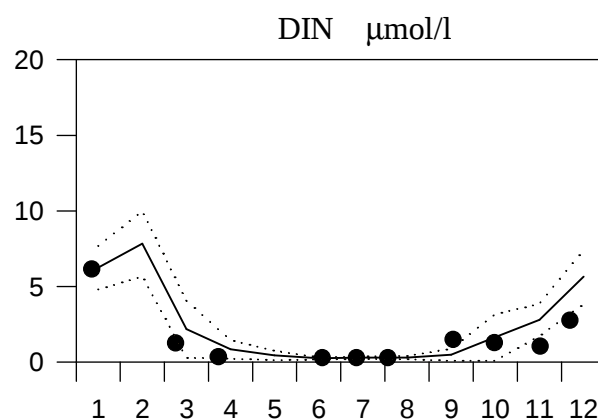
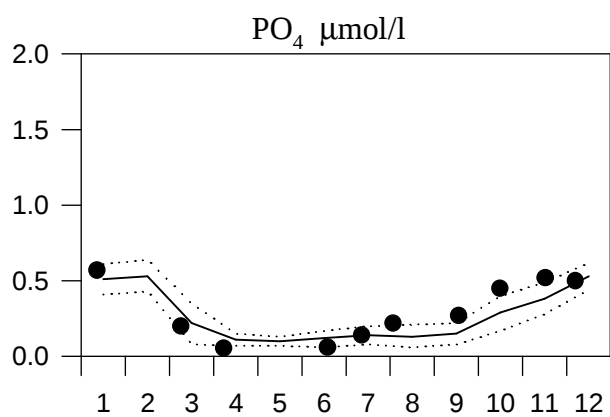
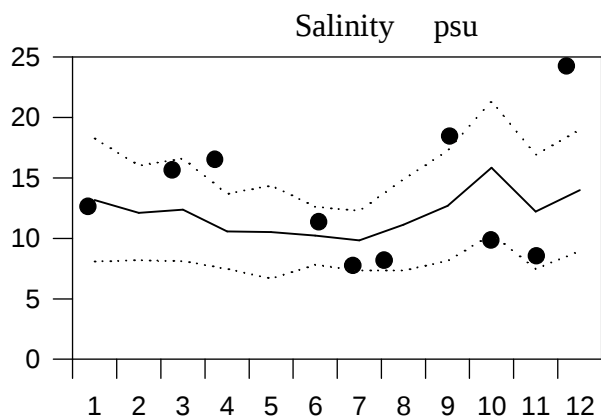
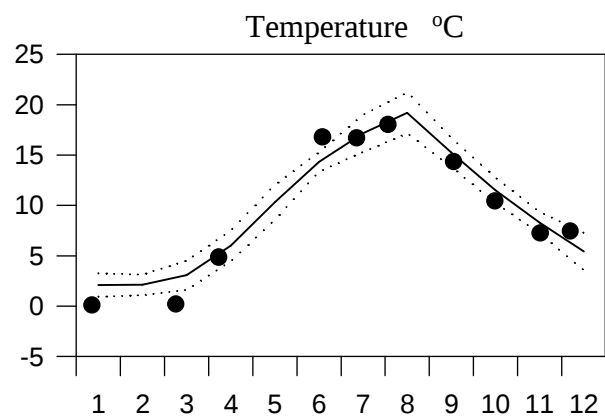
OXYGEN IN BOTTOM WATER



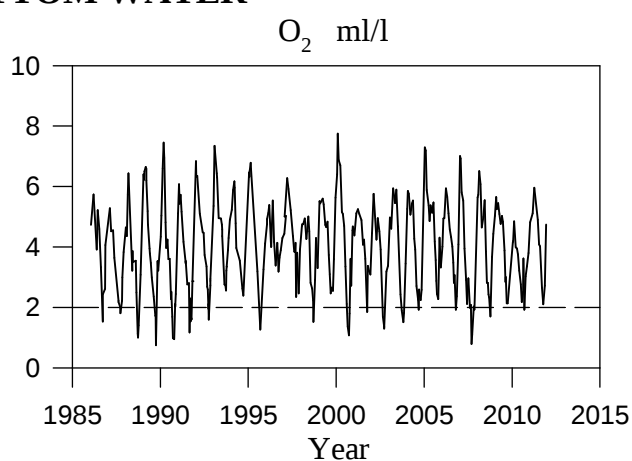
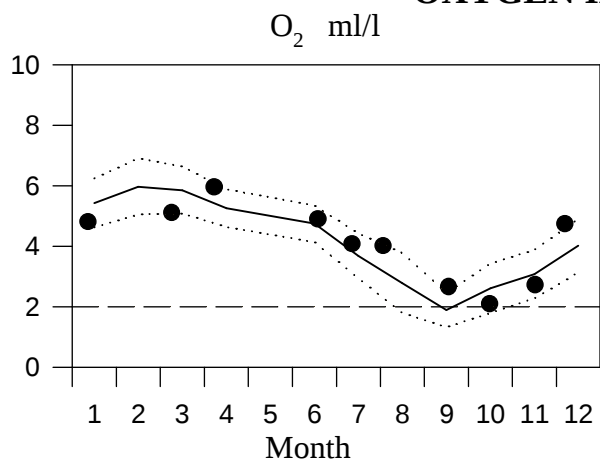
STATION W LANDSKRONA SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



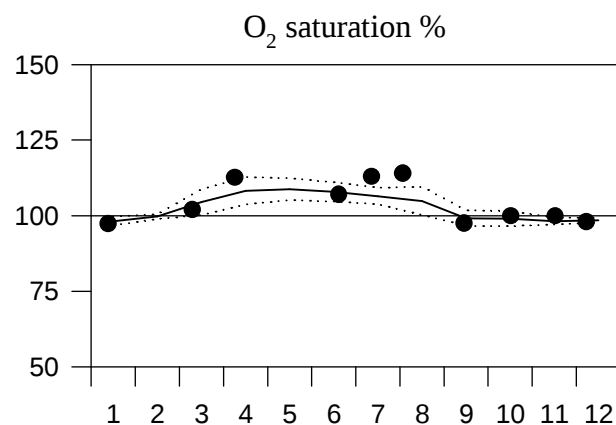
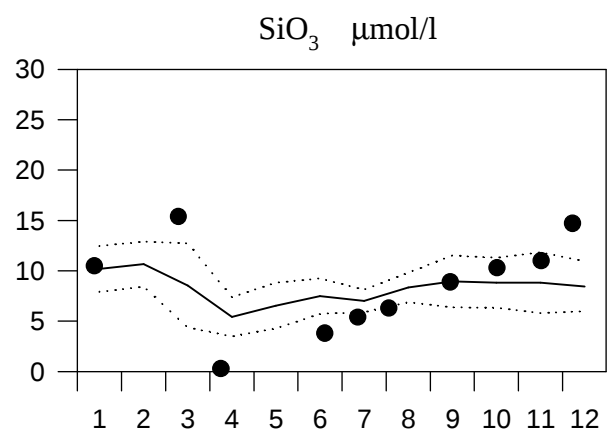
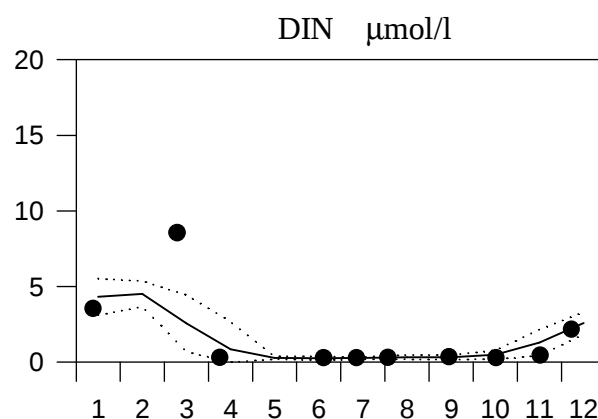
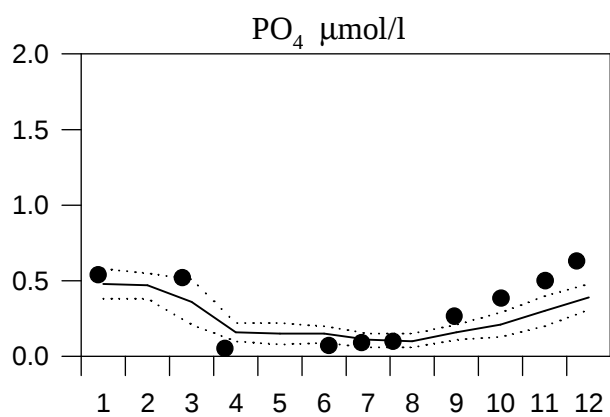
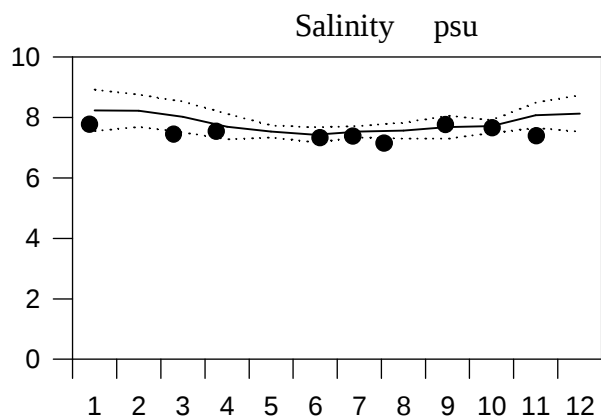
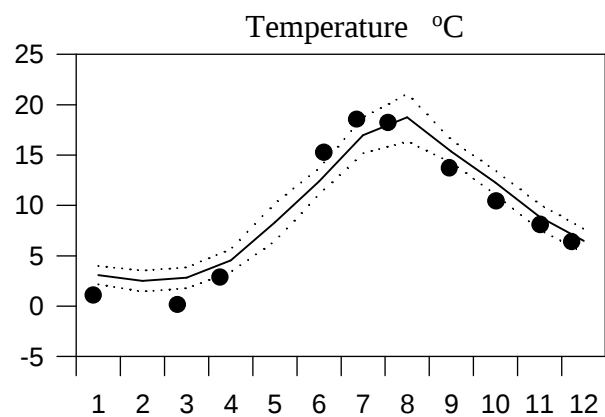
OXYGEN IN BOTTOM WATER



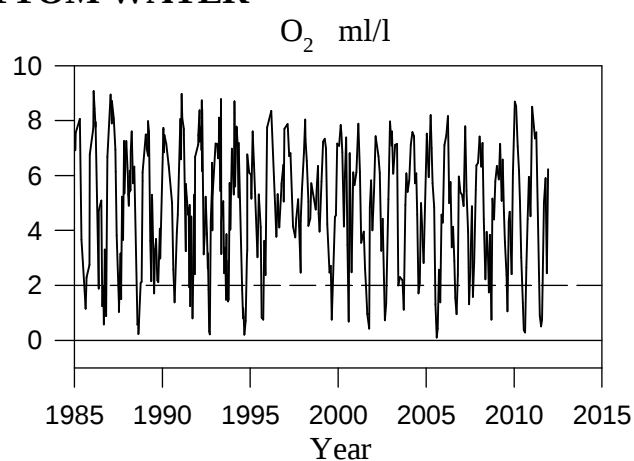
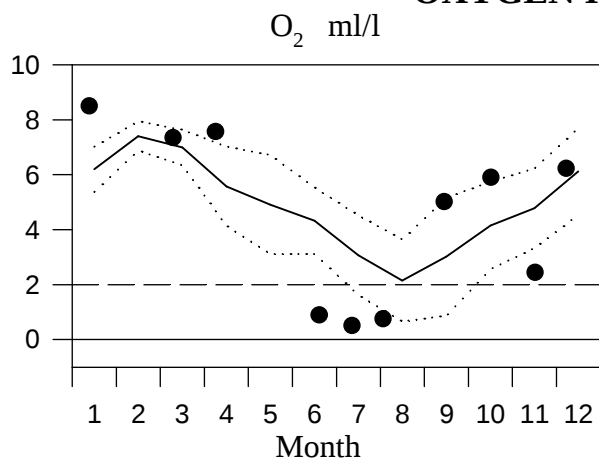
STATION BY1 SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



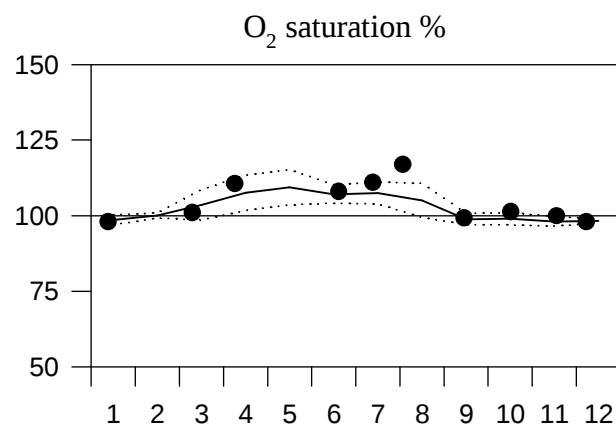
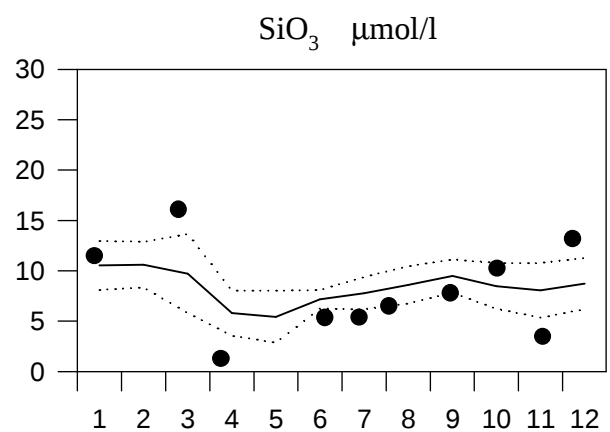
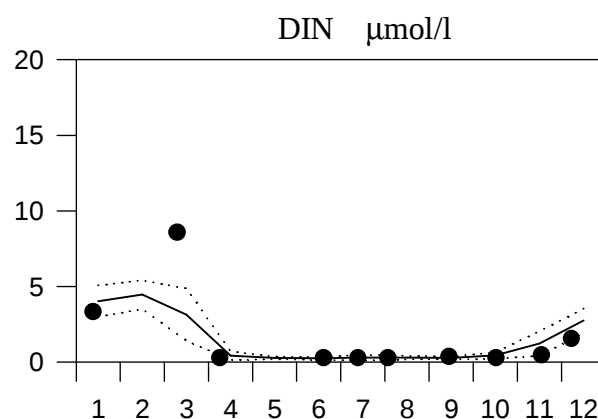
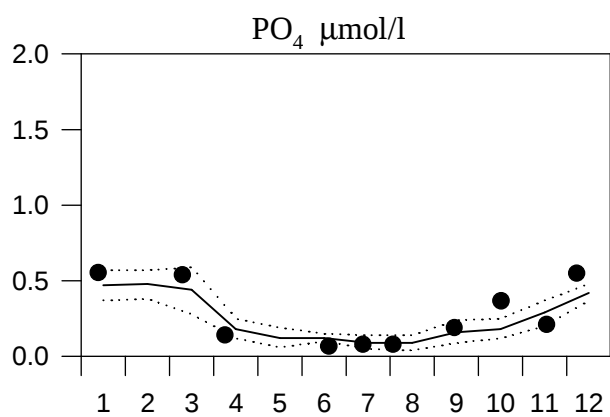
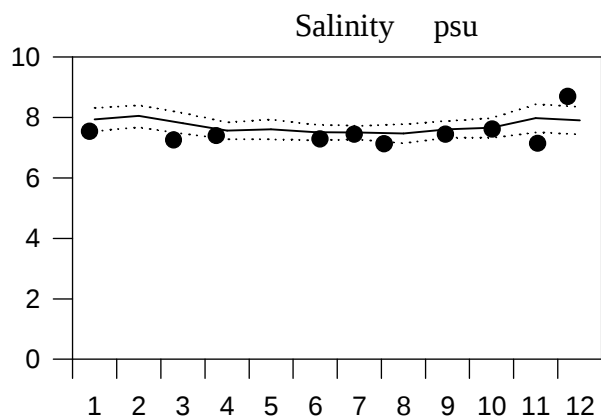
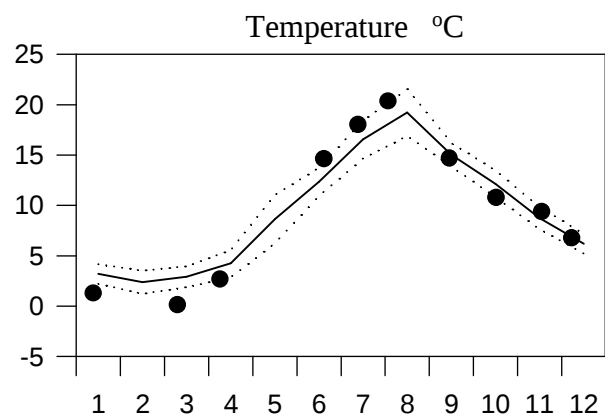
OXYGEN IN BOTTOM WATER



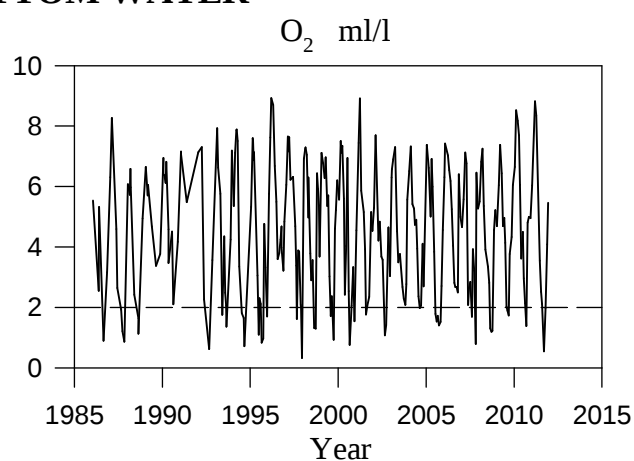
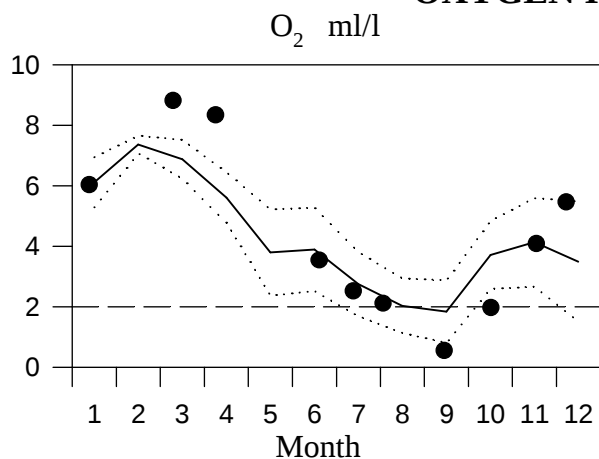
STATION BY2 SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



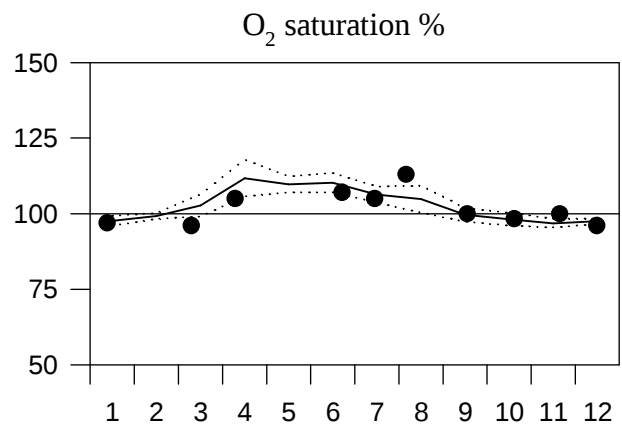
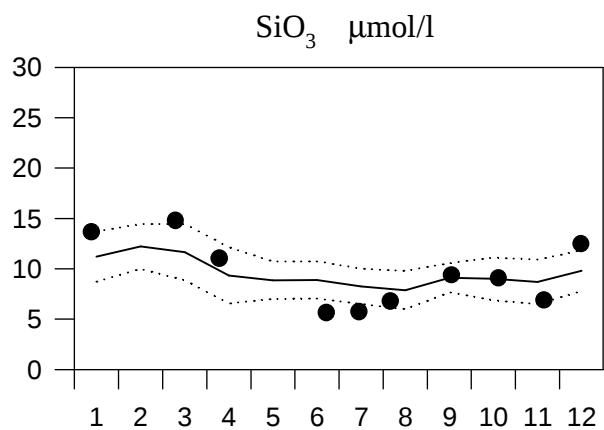
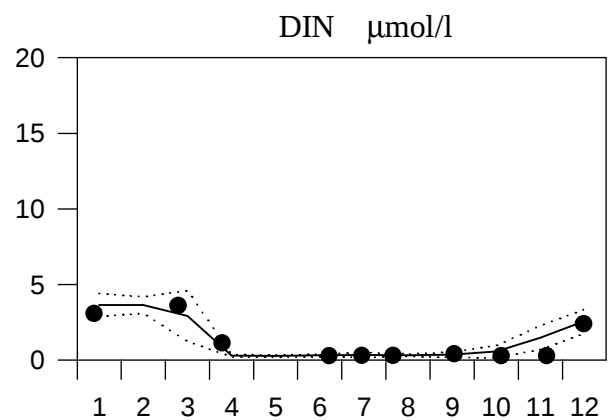
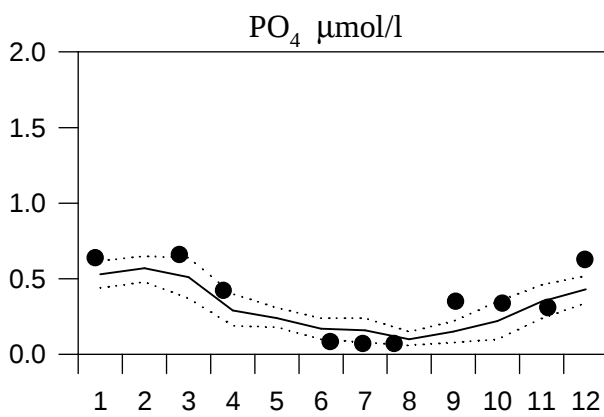
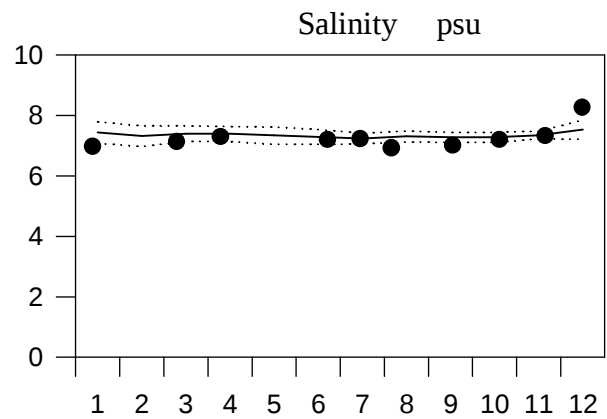
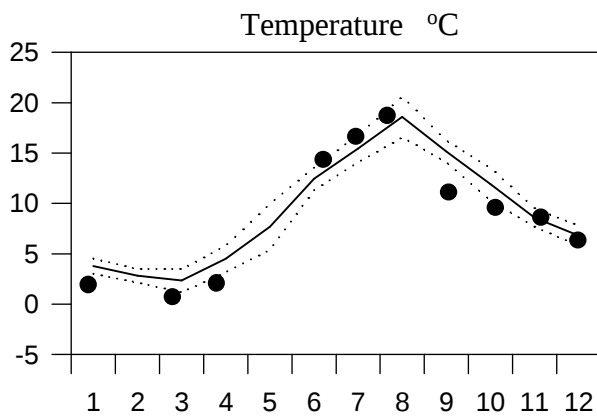
OXYGEN IN BOTTOM WATER



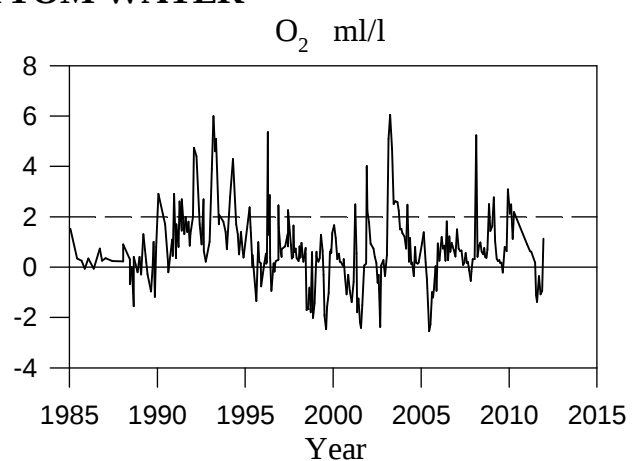
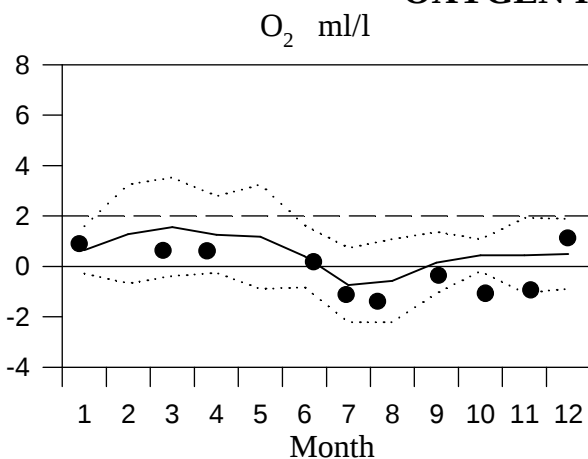
STATION HANÖBUKTEN SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



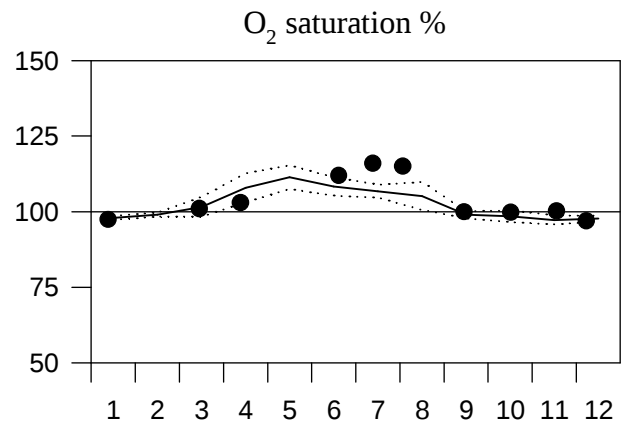
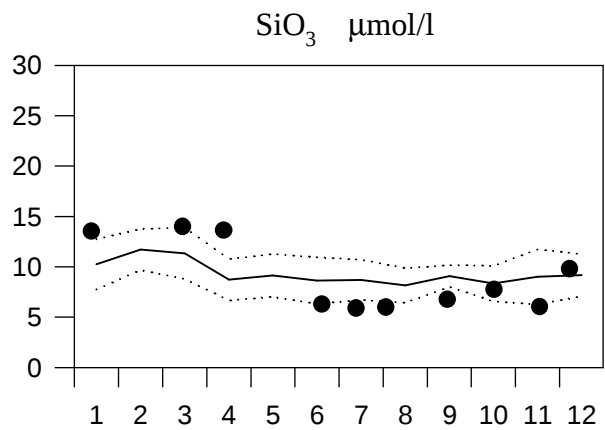
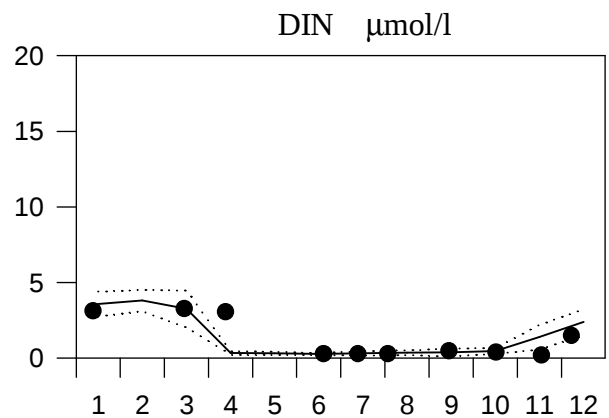
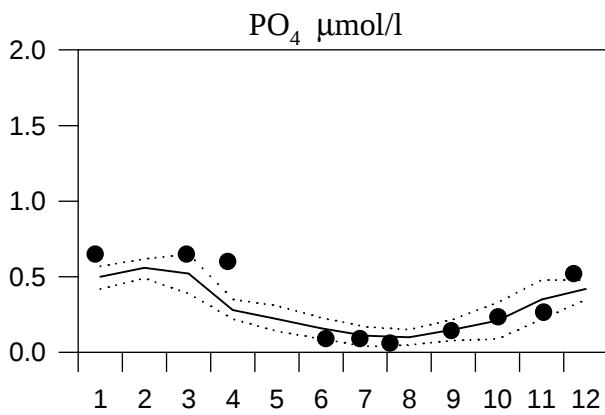
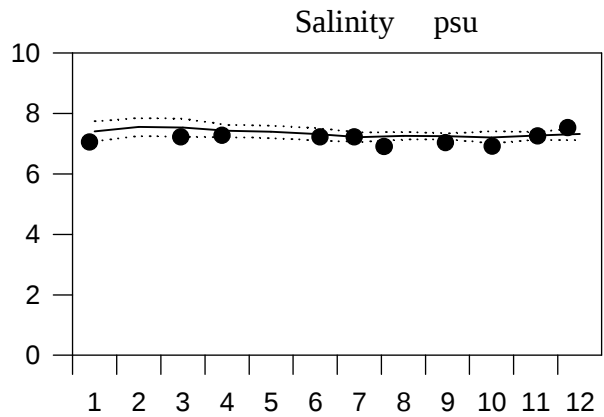
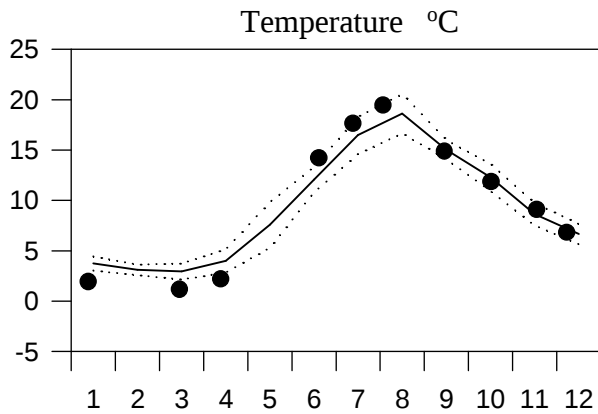
OXYGEN IN BOTTOM WATER



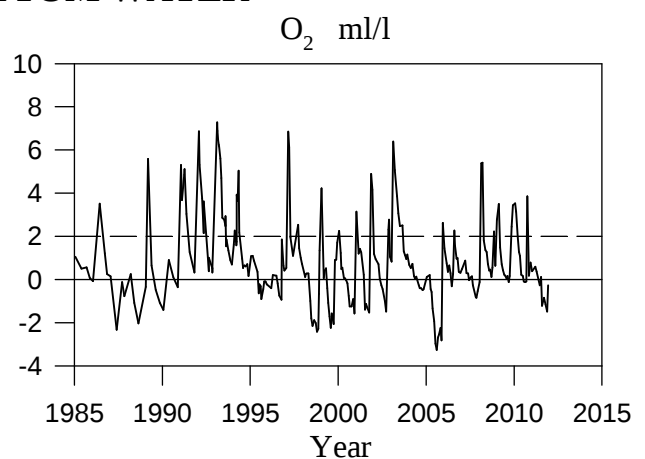
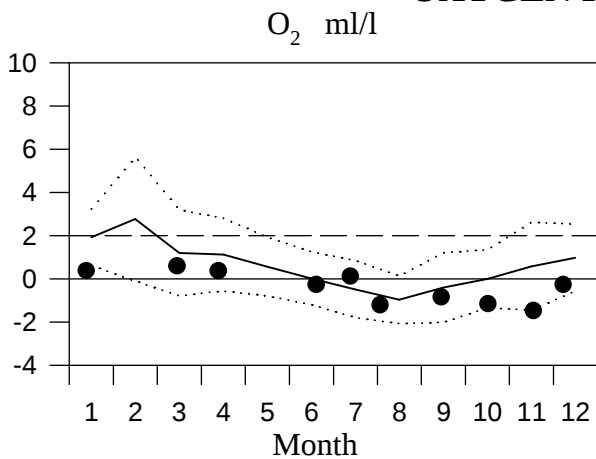
STATION BY4 SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



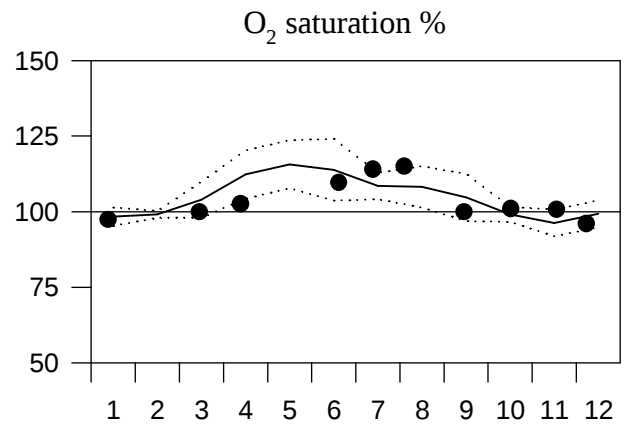
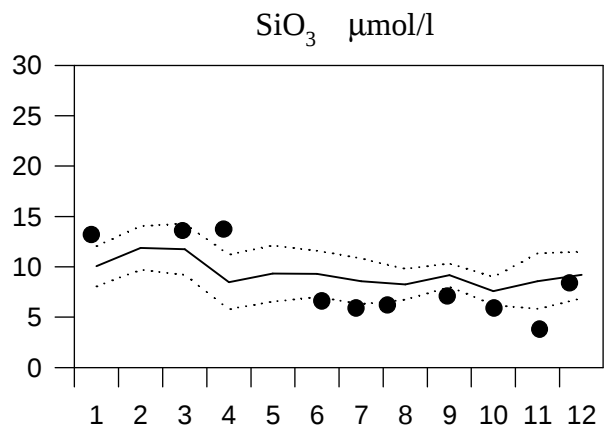
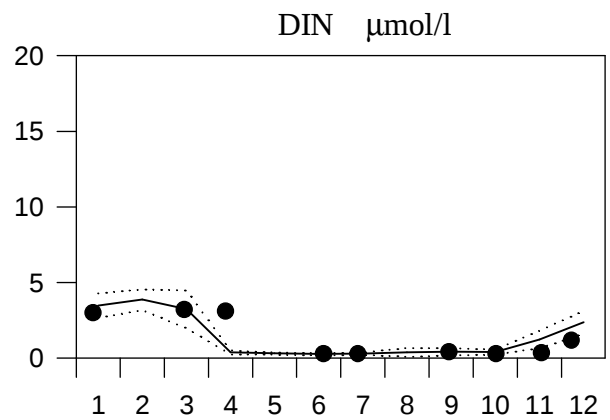
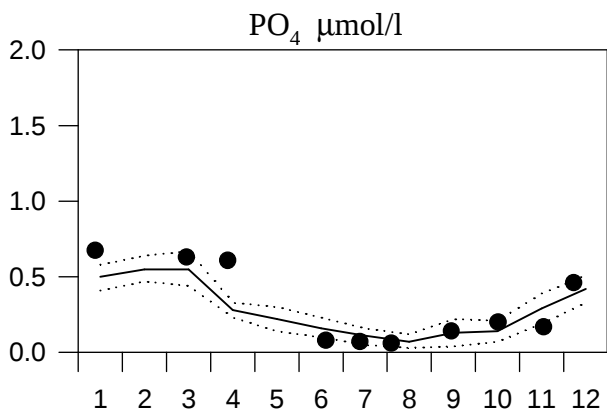
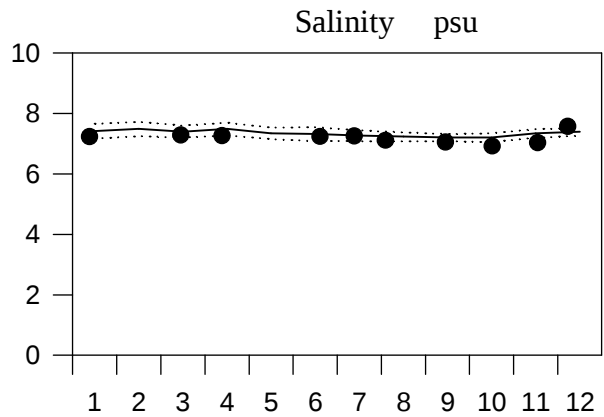
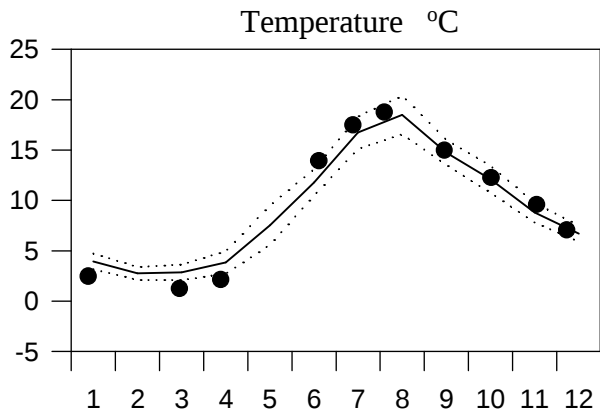
OXYGEN IN BOTTOM WATER



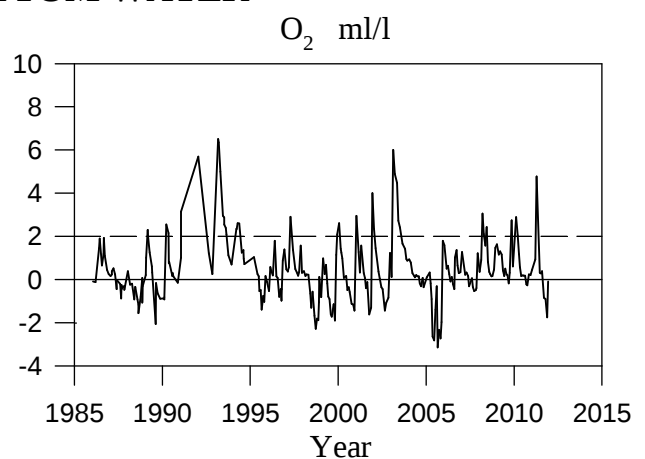
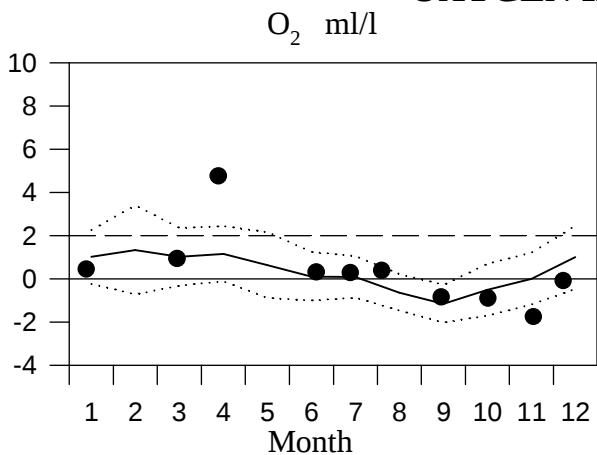
STATION BY5 SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



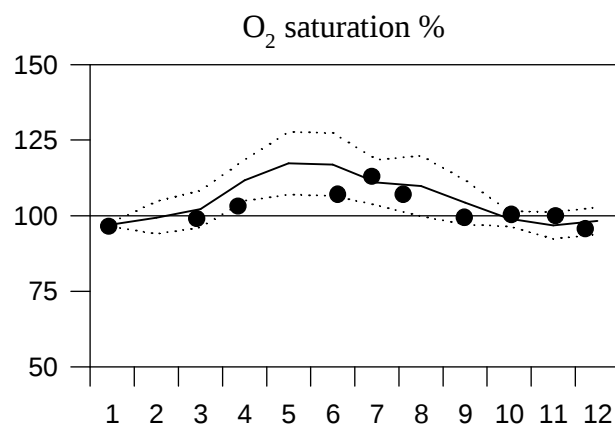
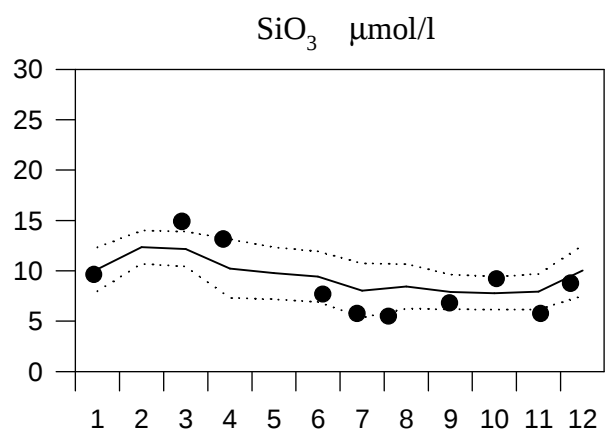
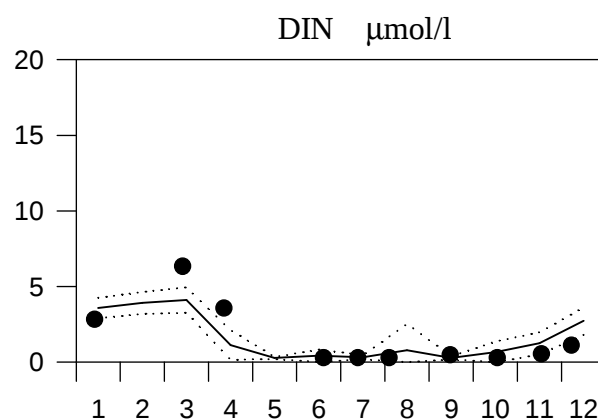
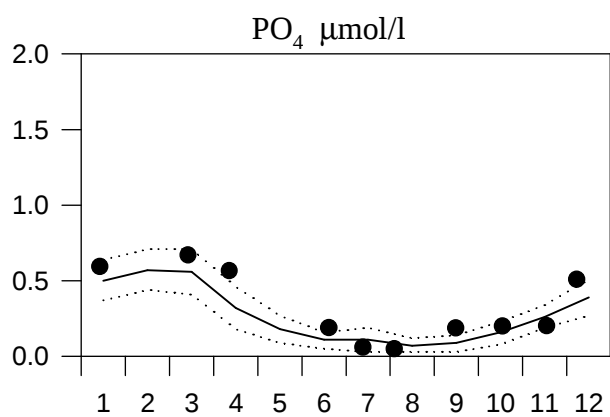
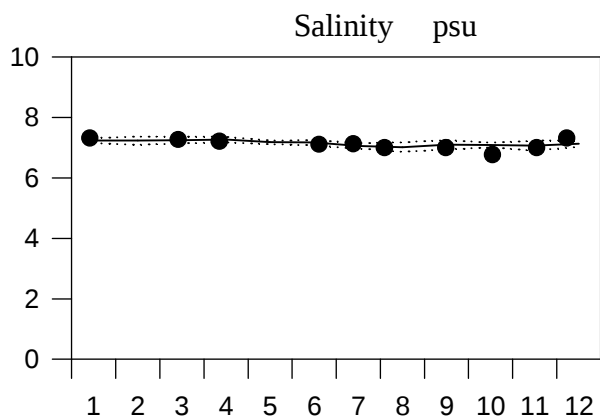
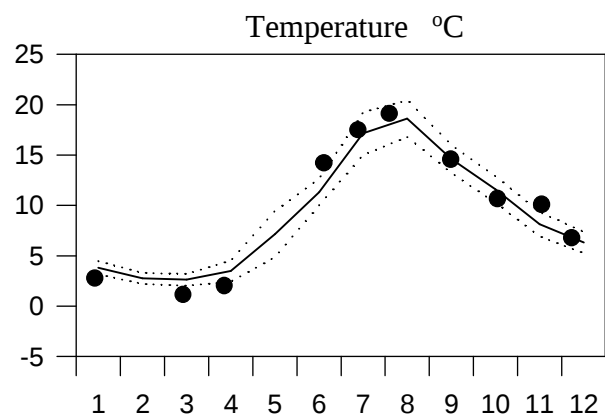
OXYGEN IN BOTTOM WATER



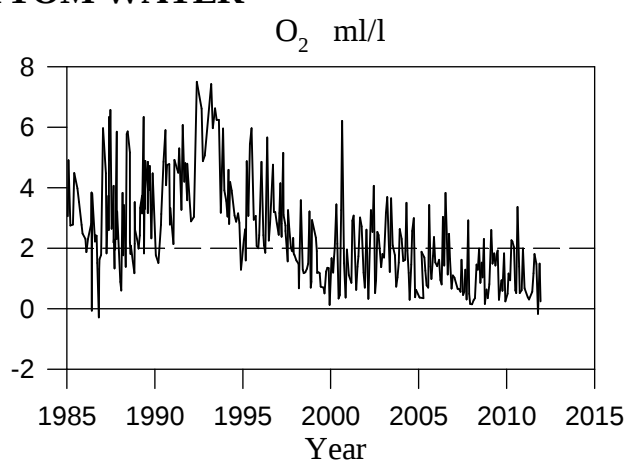
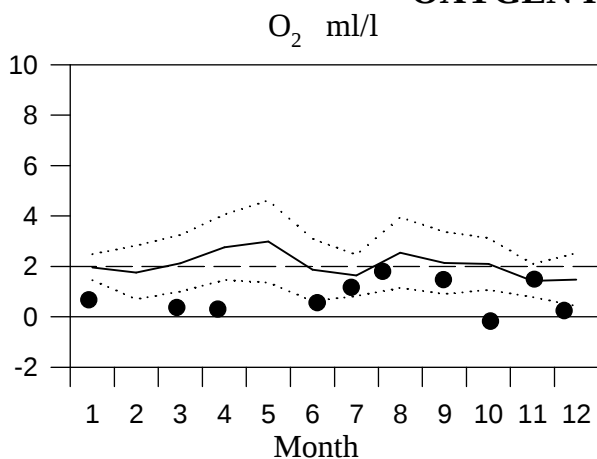
STATION BCS III-10 SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



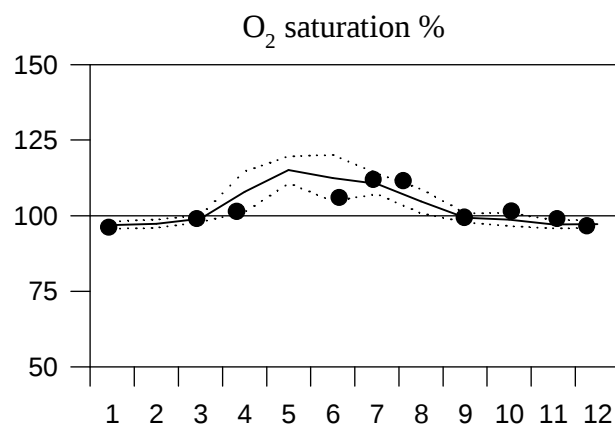
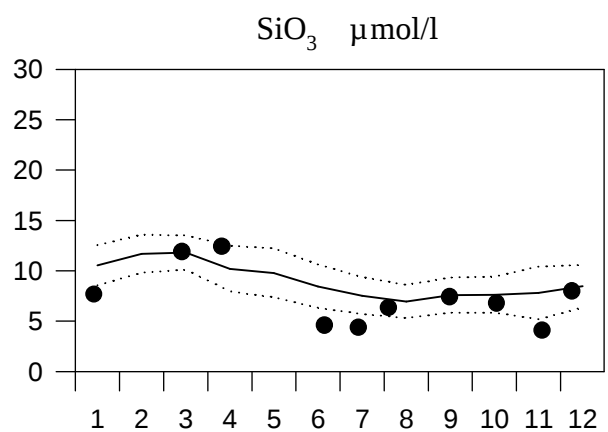
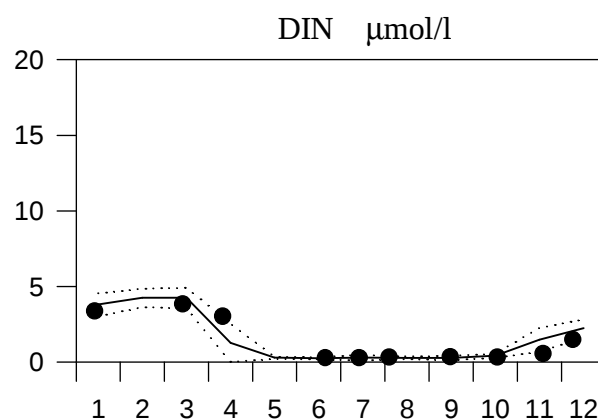
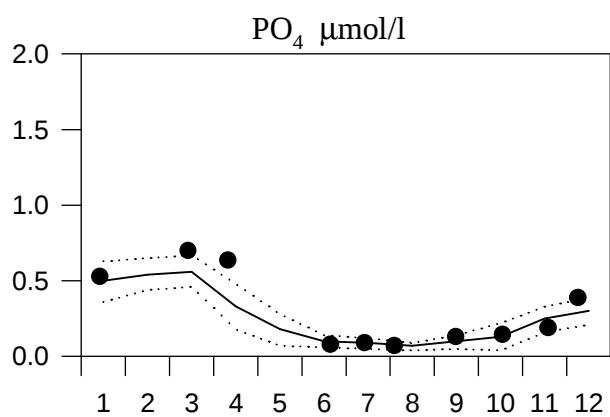
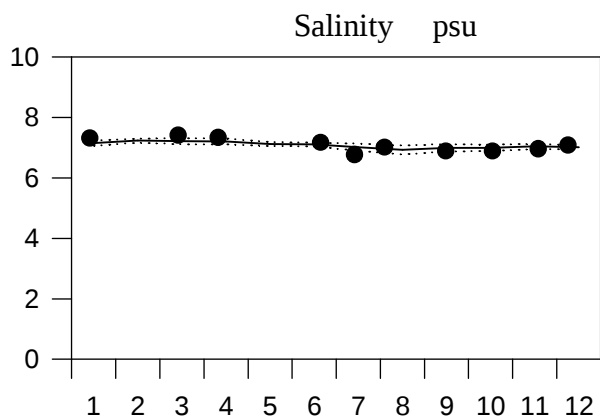
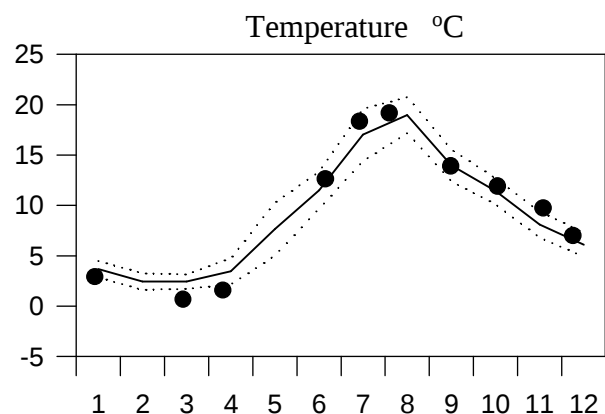
OXYGEN IN BOTTOM WATER



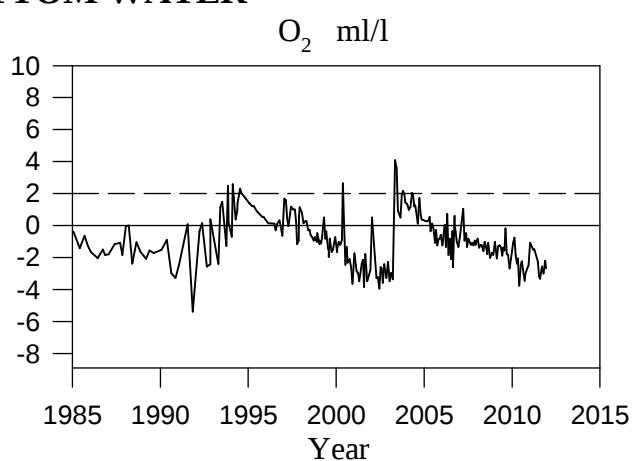
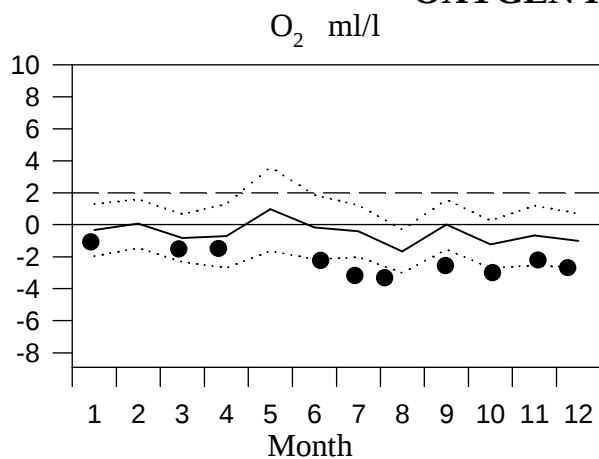
STATION BY10 SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



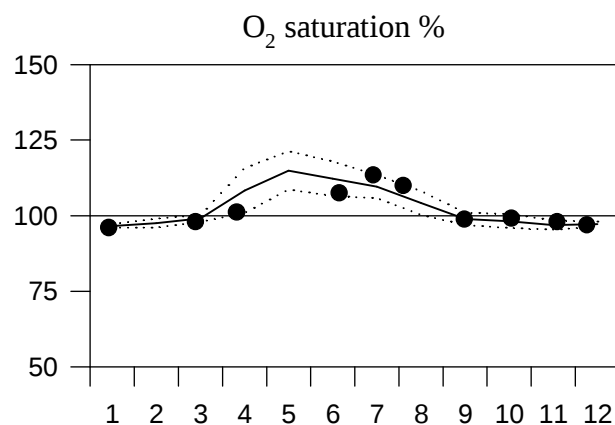
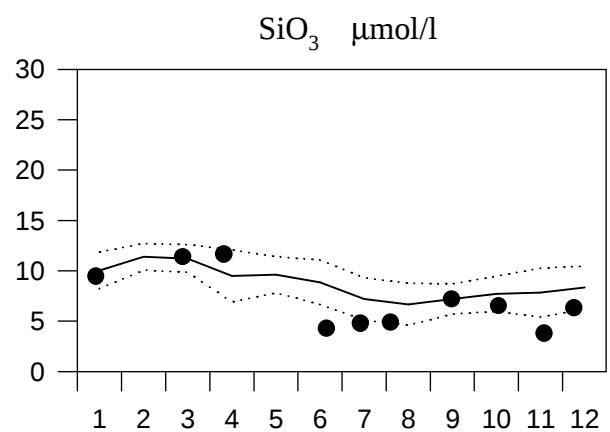
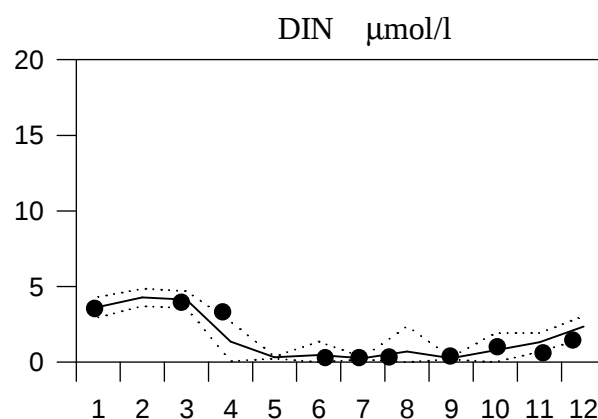
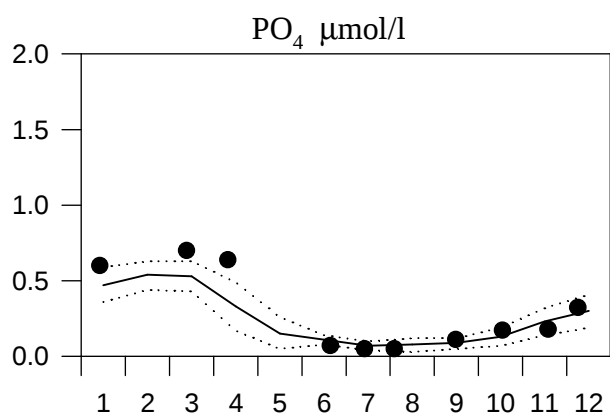
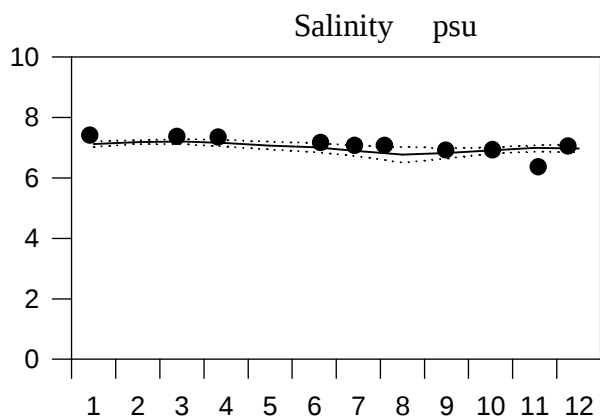
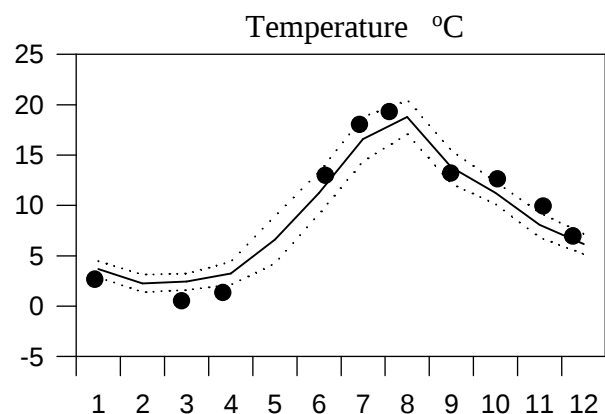
OXYGEN IN BOTTOM WATER



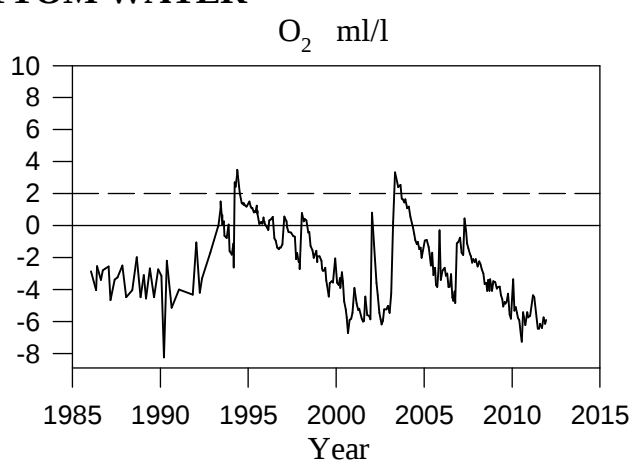
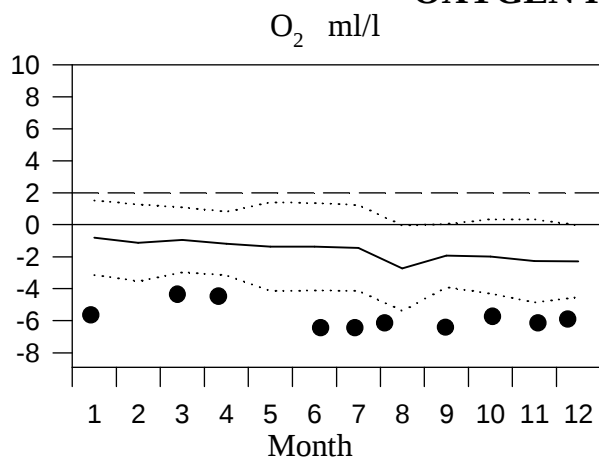
STATION BY15 SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



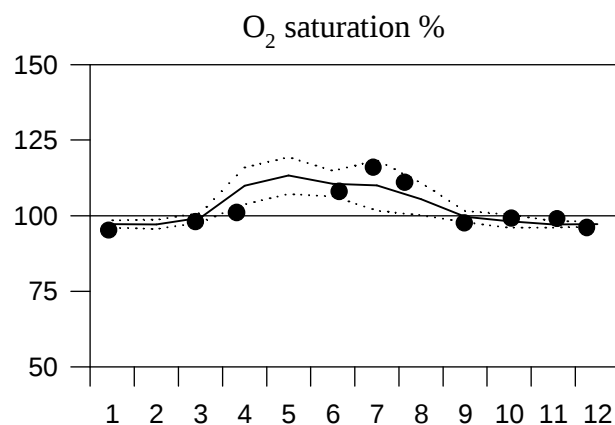
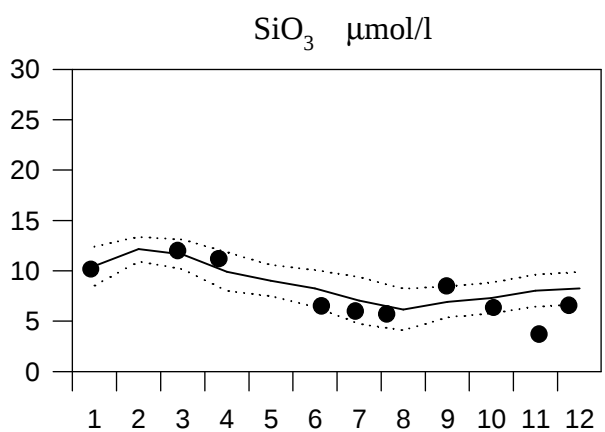
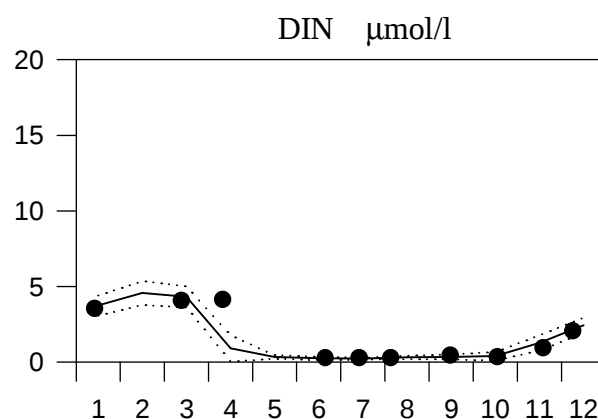
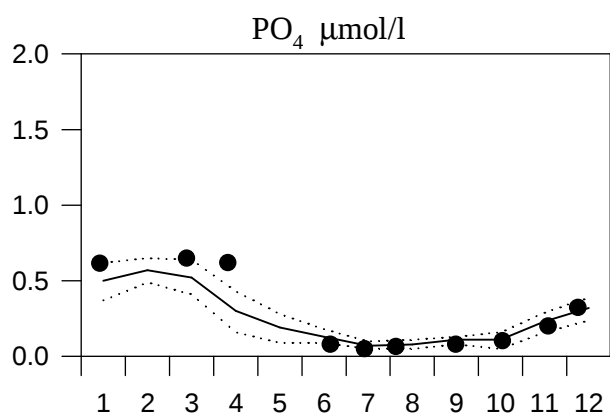
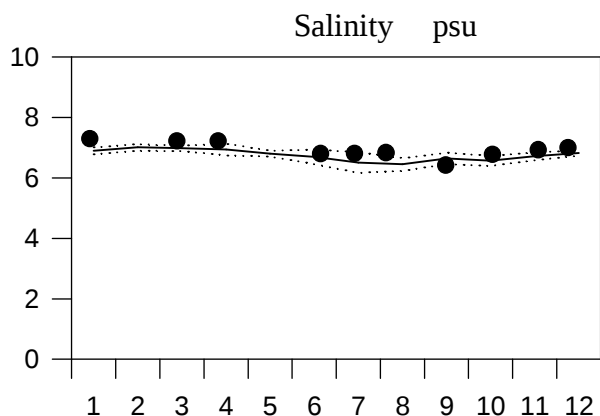
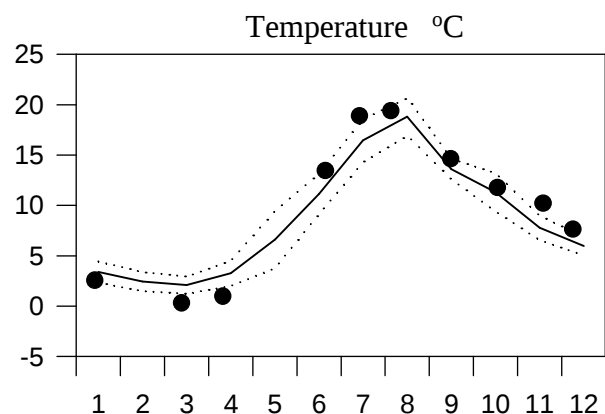
OXYGEN IN BOTTOM WATER



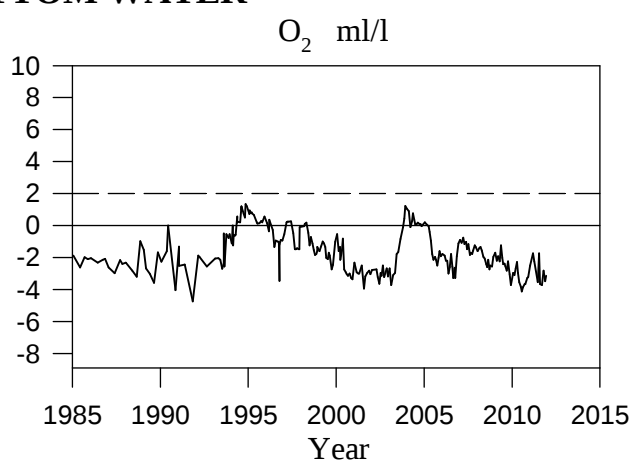
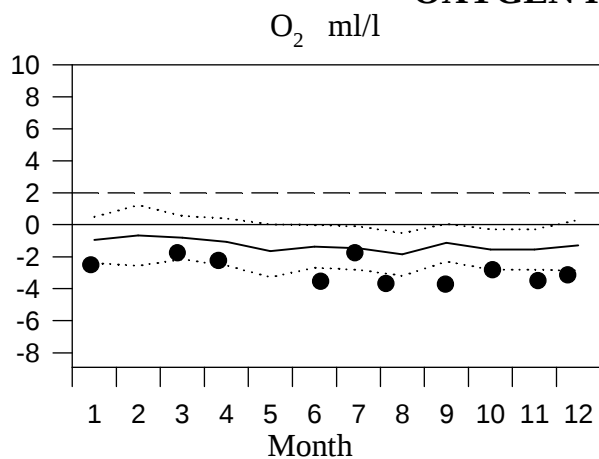
STATION BY20 SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



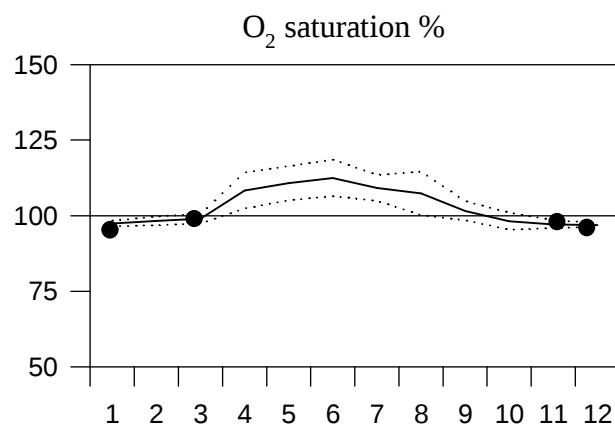
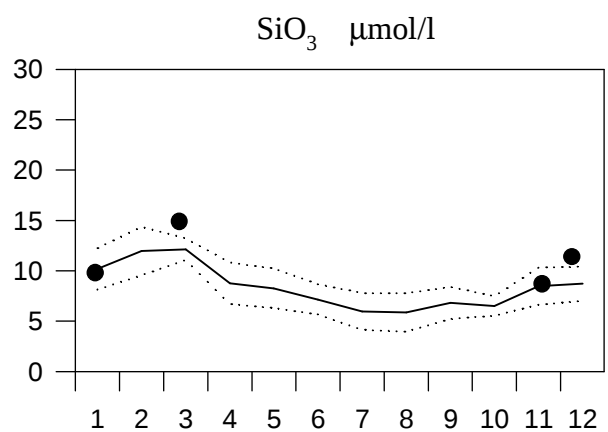
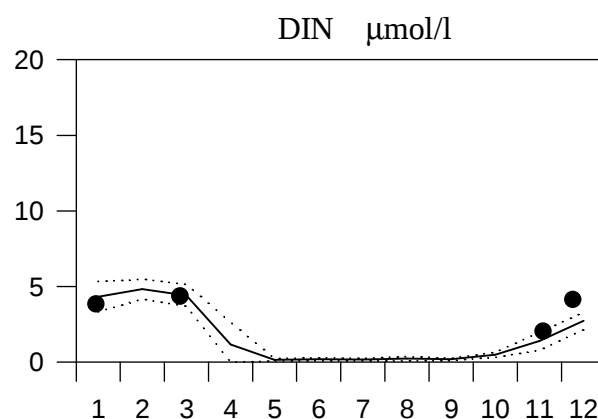
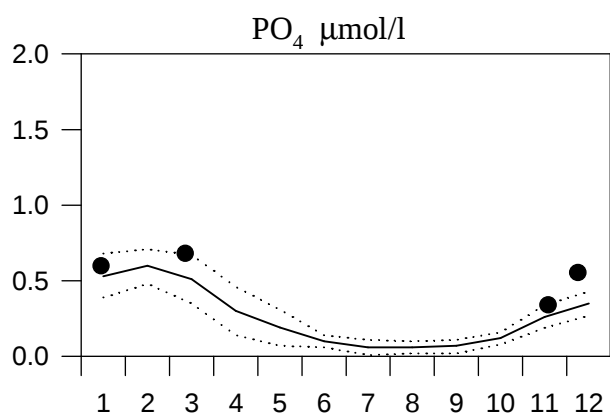
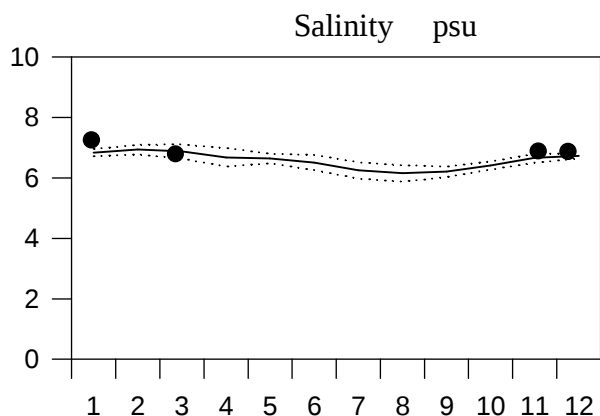
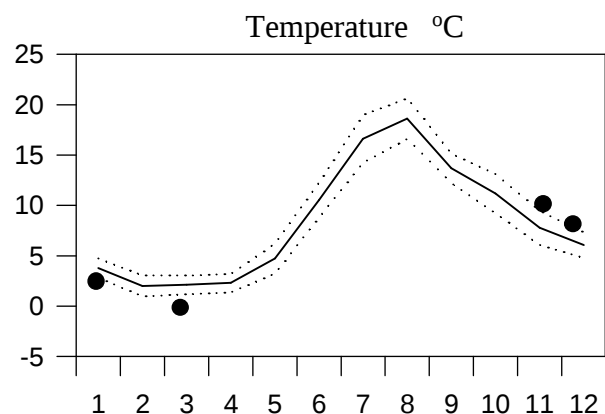
OXYGEN IN BOTTOM WATER



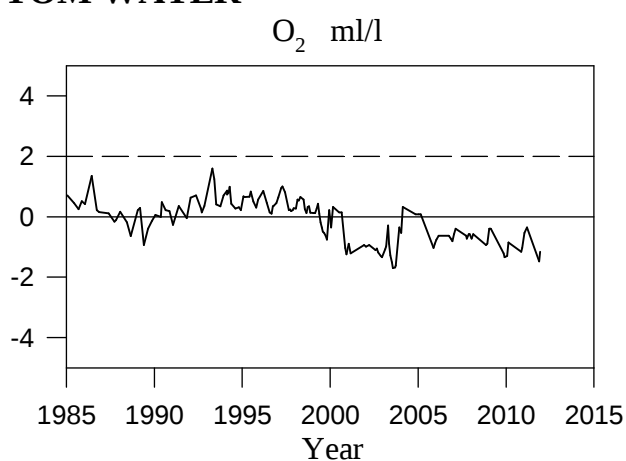
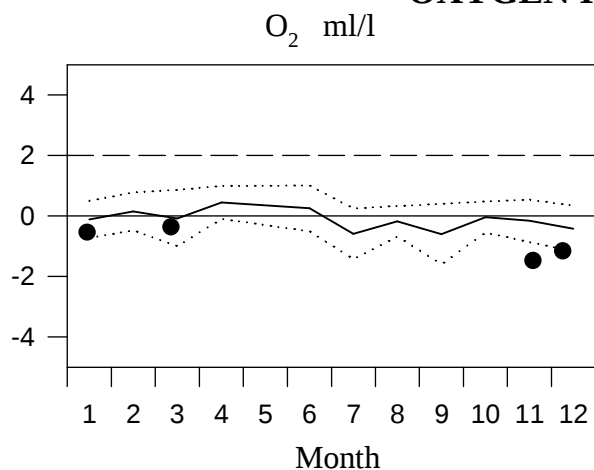
STATION BY29 SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011

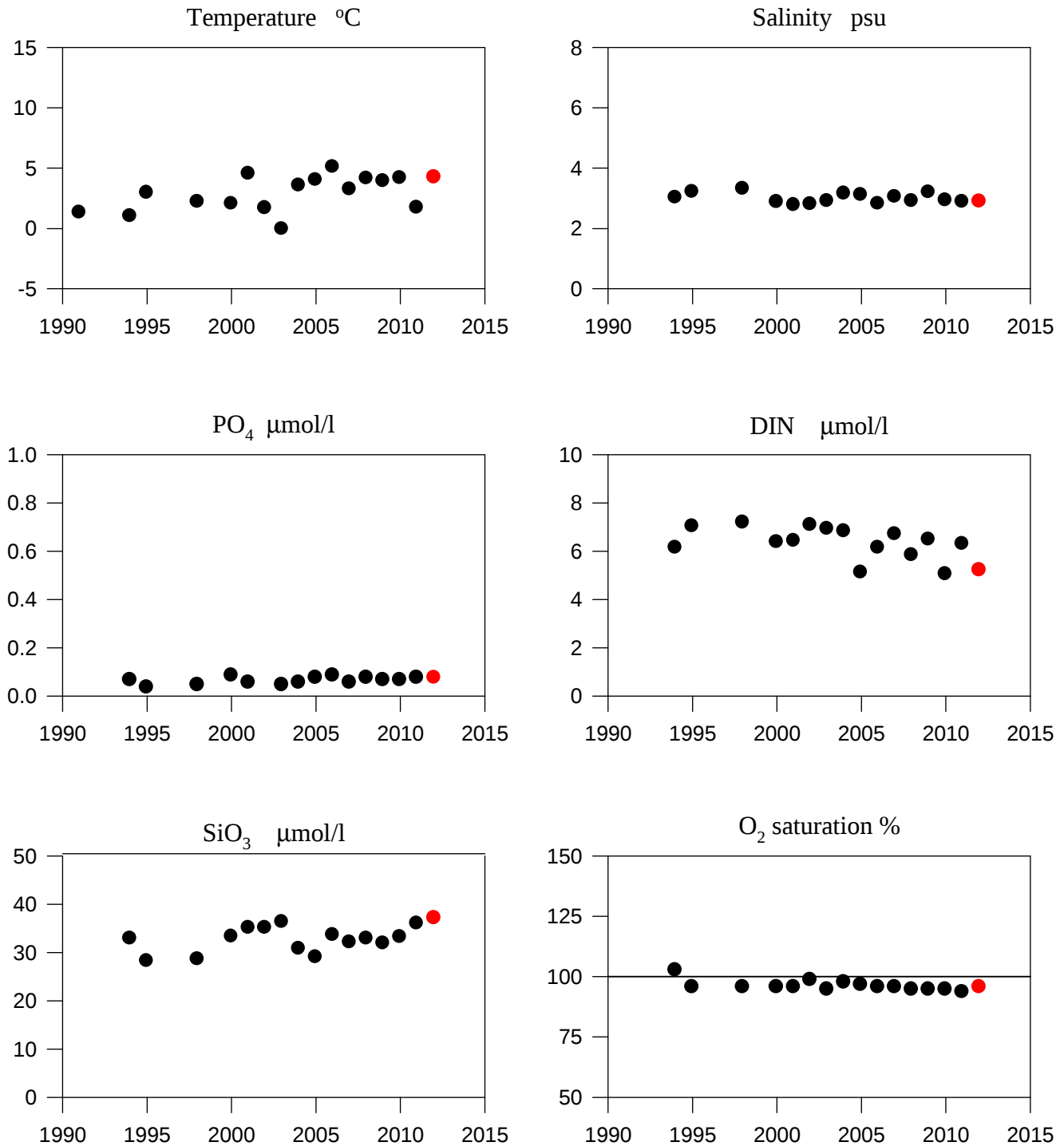


OXYGEN IN BOTTOM WATER

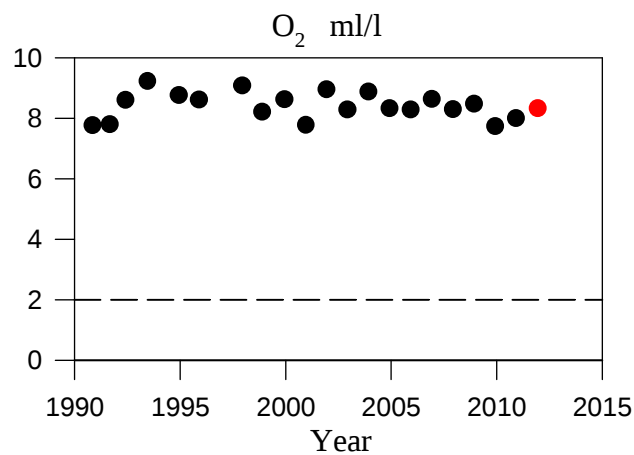


STATION F2 SURFACE WATER

December measurements 1991-2010 ,2011

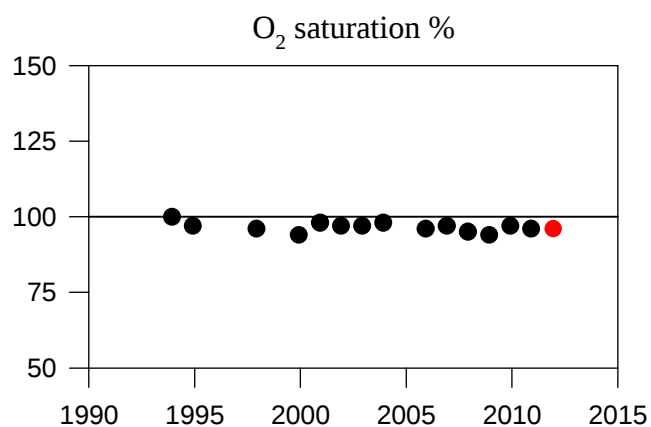
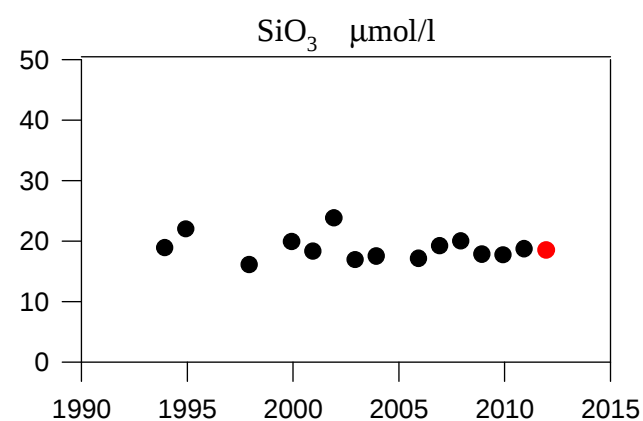
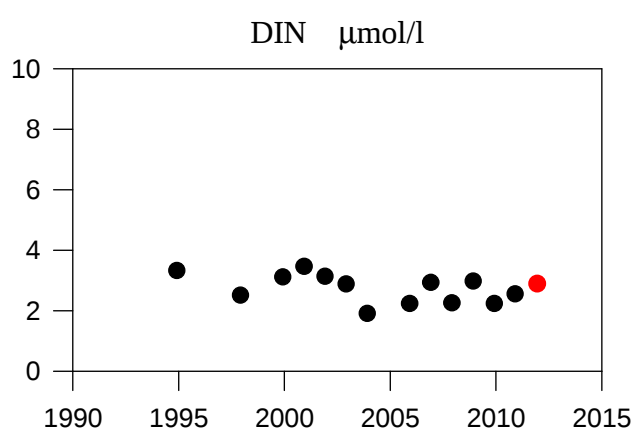
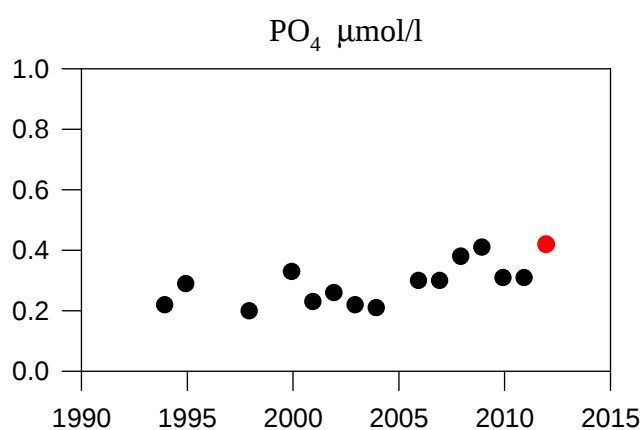
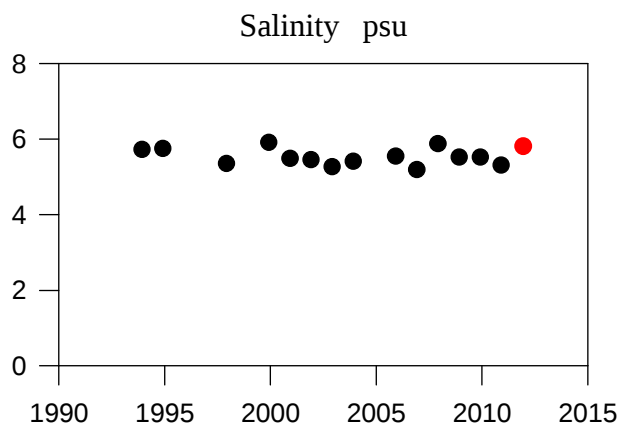
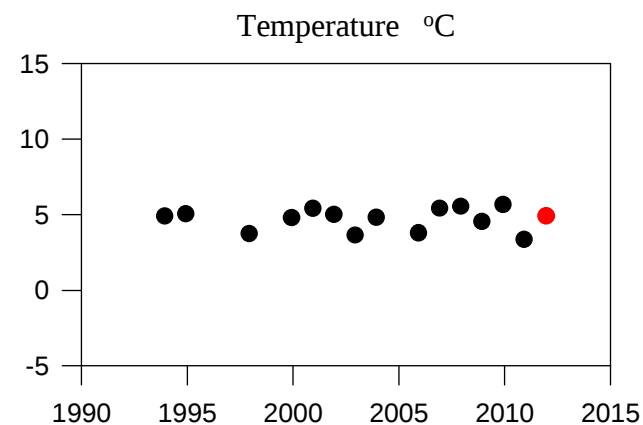


OXYGEN IN BOTTOM WATER

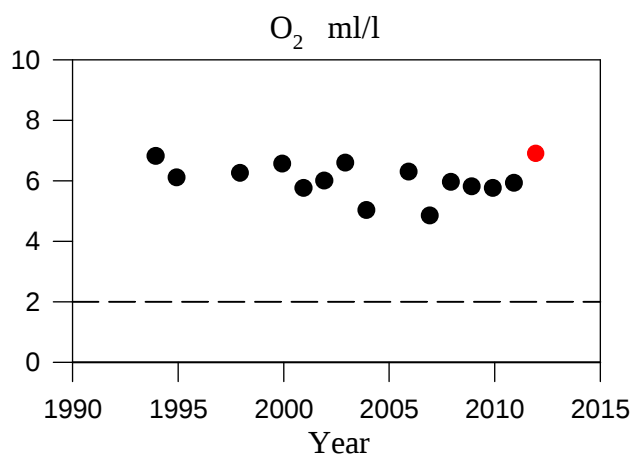


STATION F64 SURFACE WATER

December measurements 1991-2010 ,2011

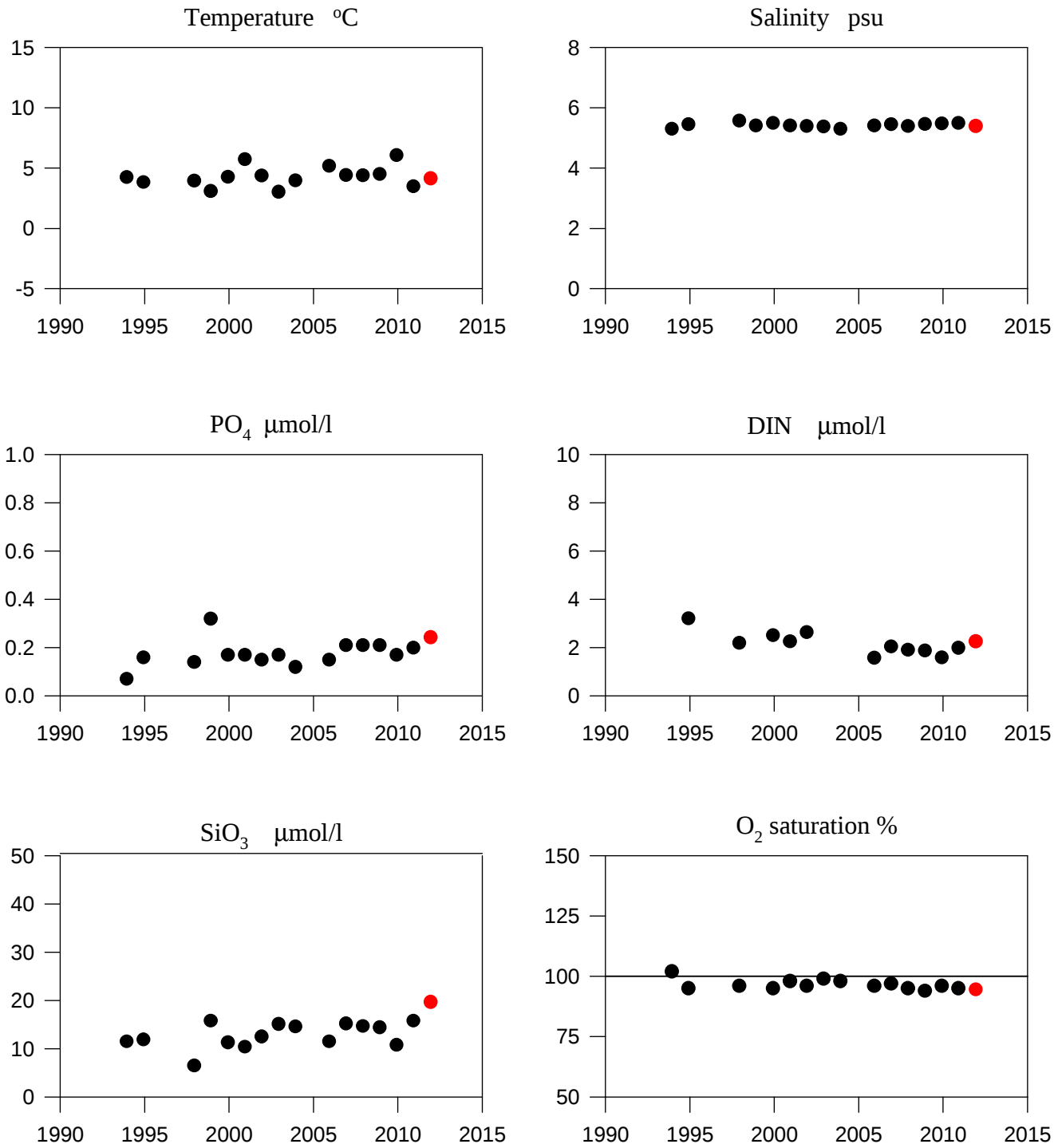


OXYGEN IN BOTTOM WATER

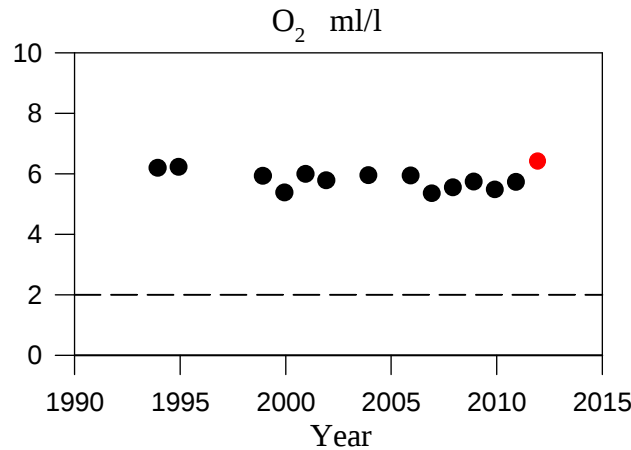


STATION SR5 SURFACE WATER

December measurements 1991-2010 ,2011

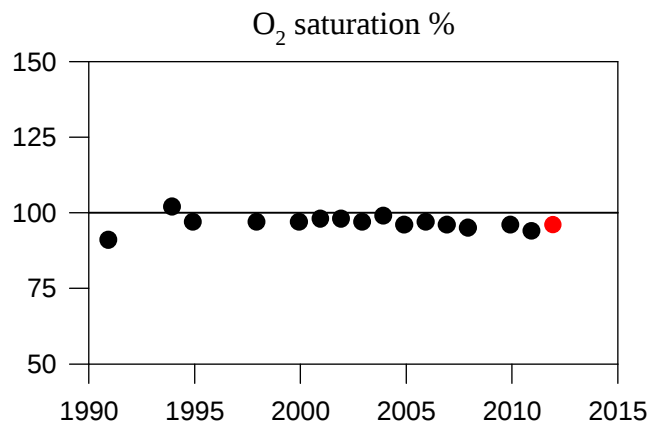
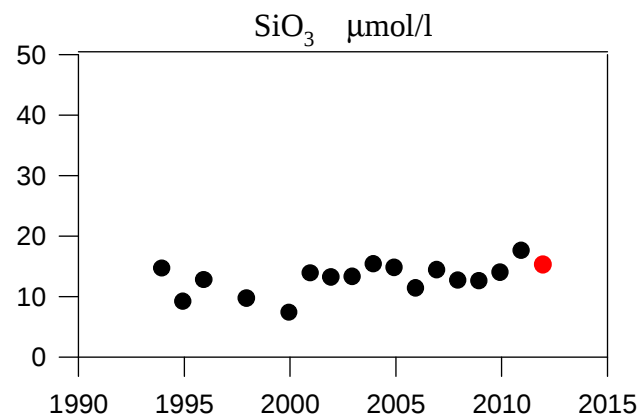
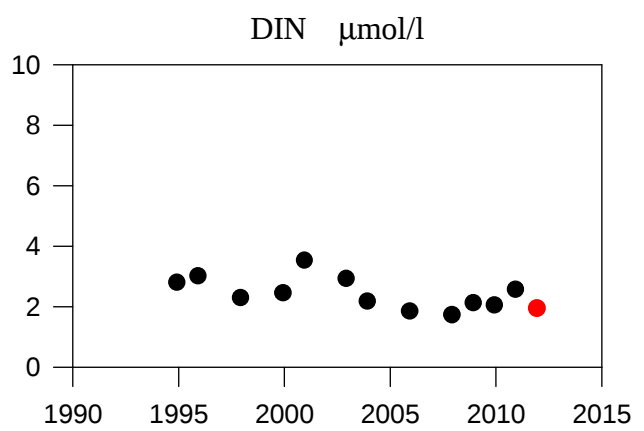
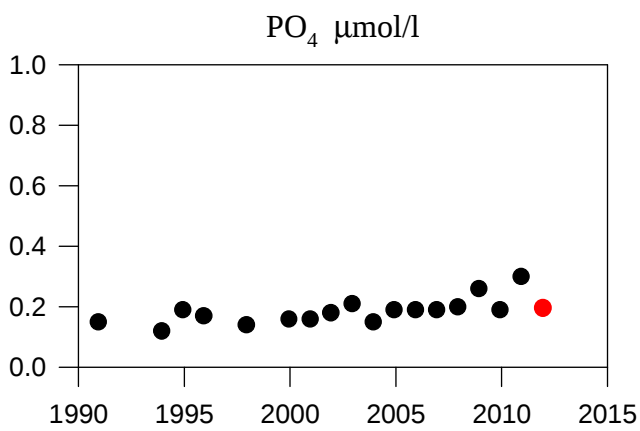
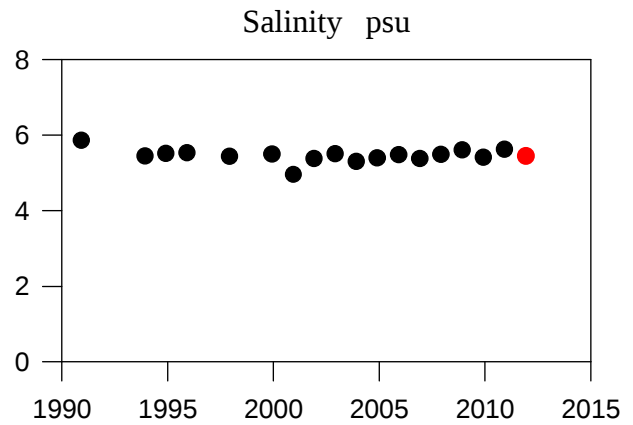
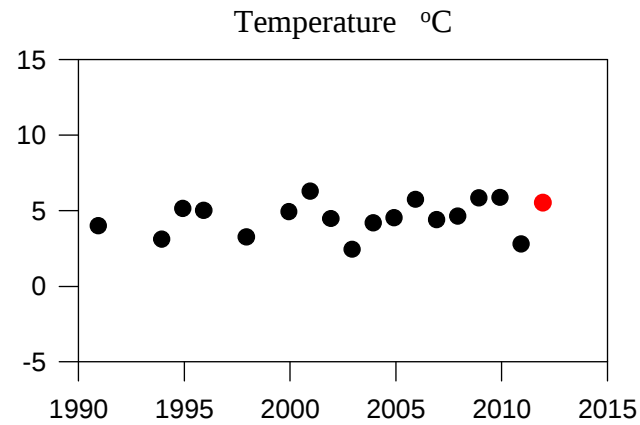


OXYGEN IN BOTTOM WATER

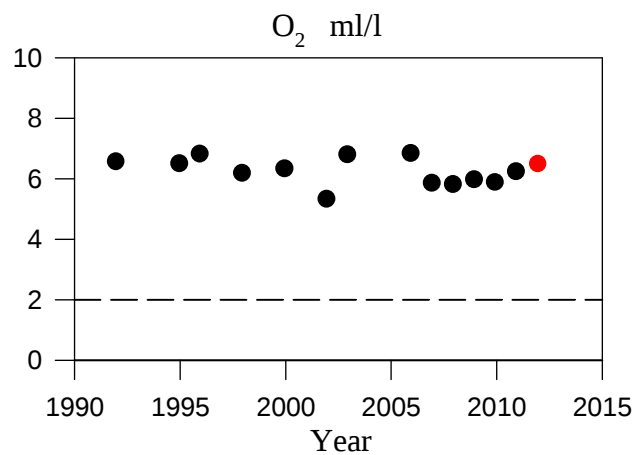


STATION US5B SURFACE WATER

December measurements 1991-2010, 2011



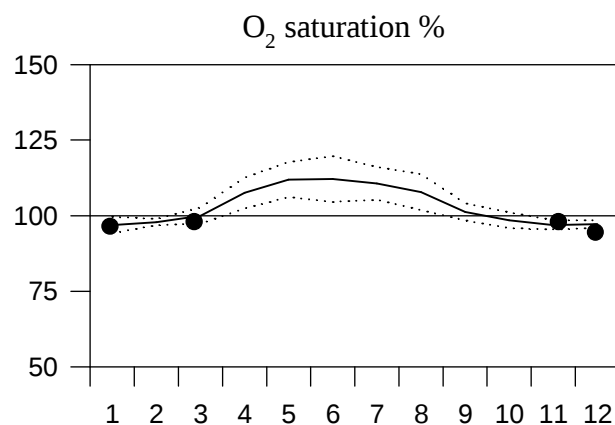
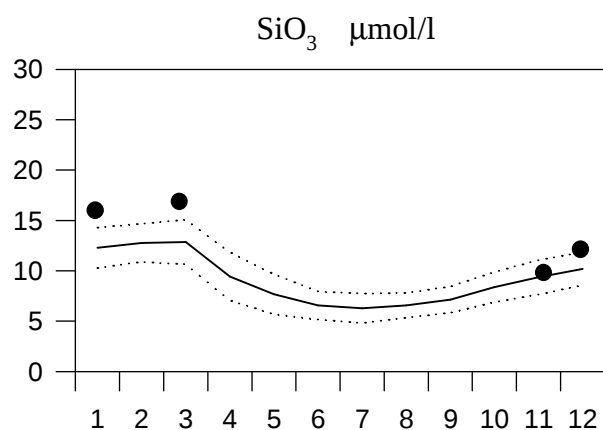
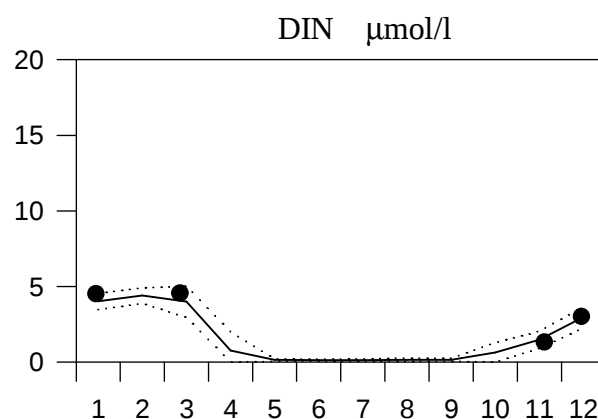
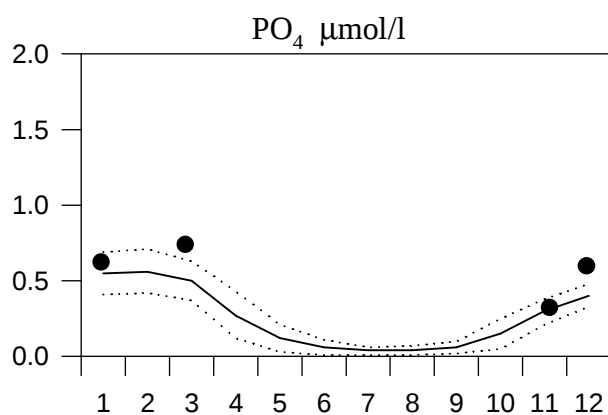
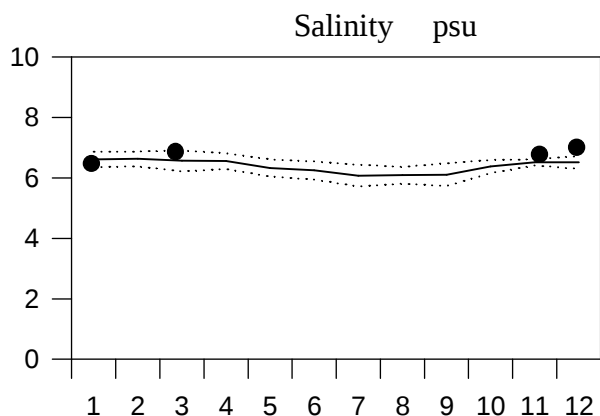
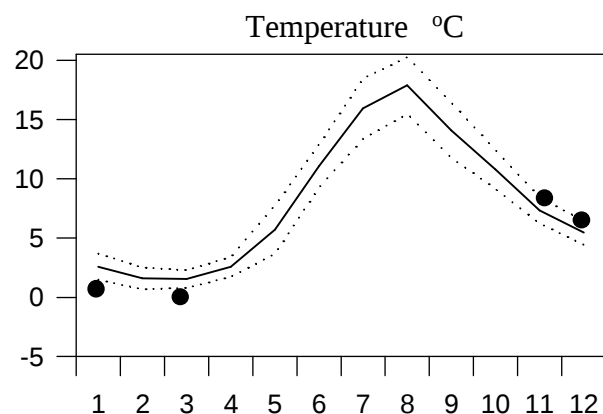
OXYGEN IN BOTTOM WATER



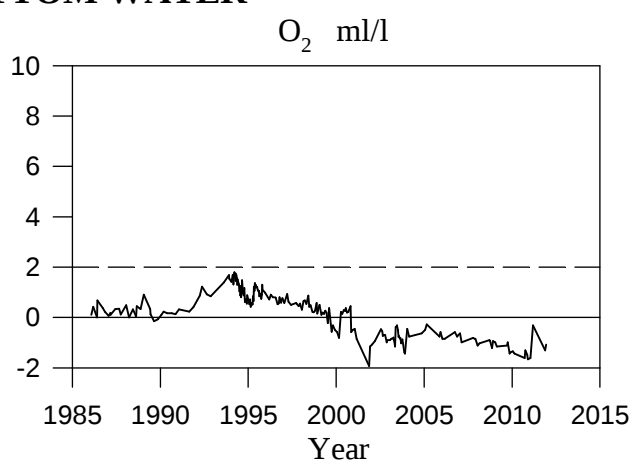
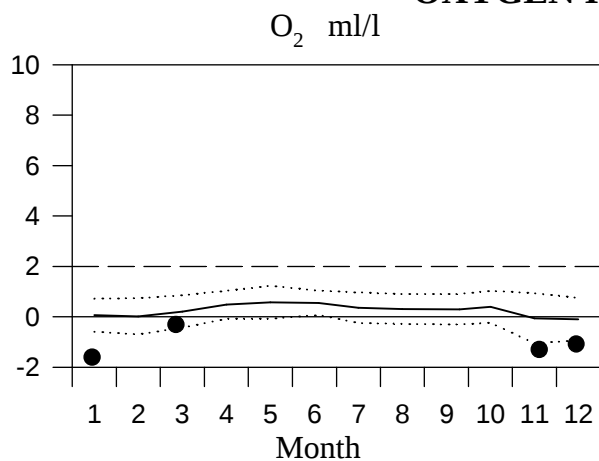
STATION BY31 SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



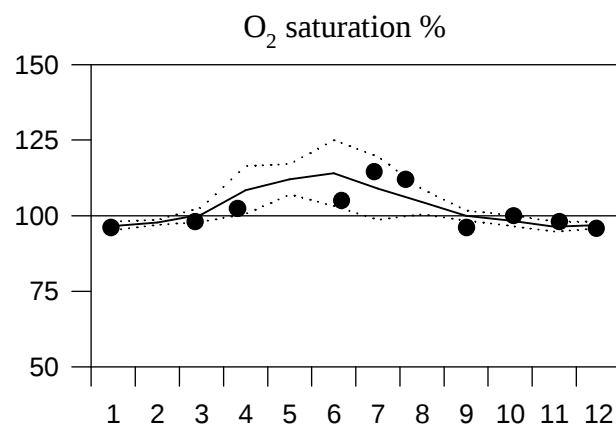
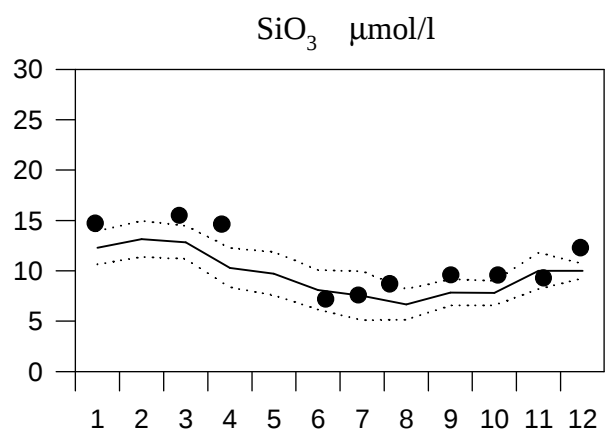
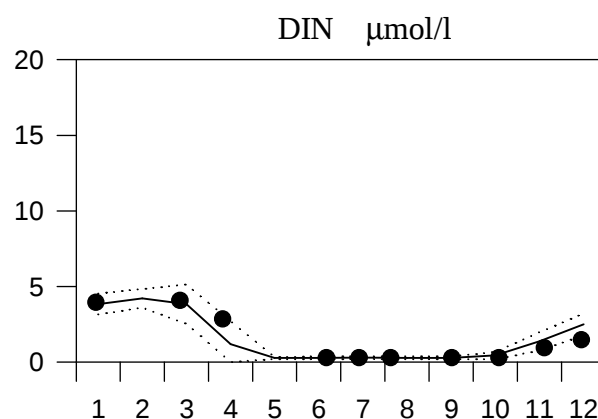
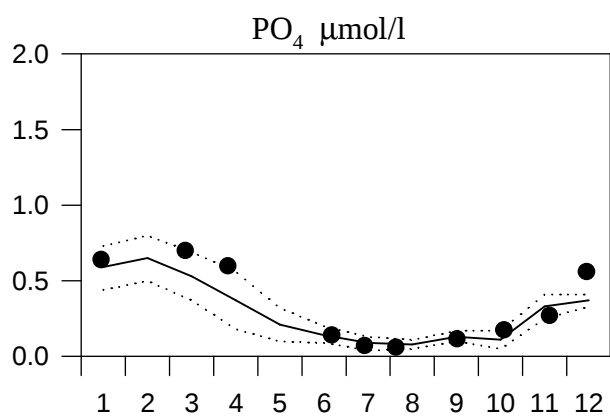
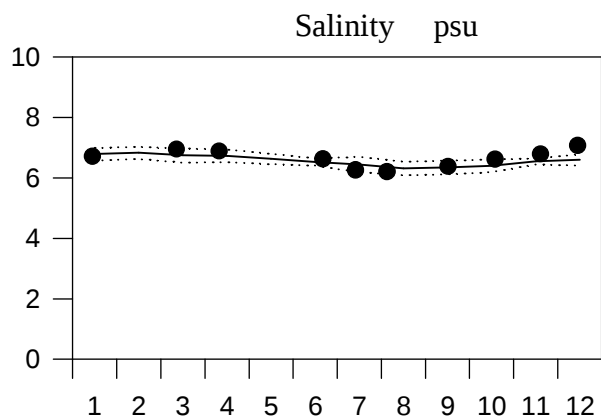
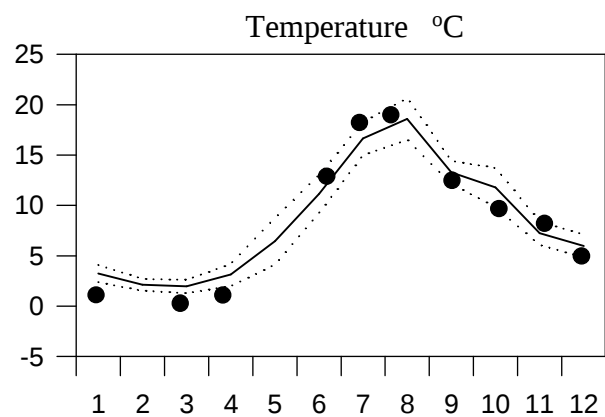
OXYGEN IN BOTTOM WATER



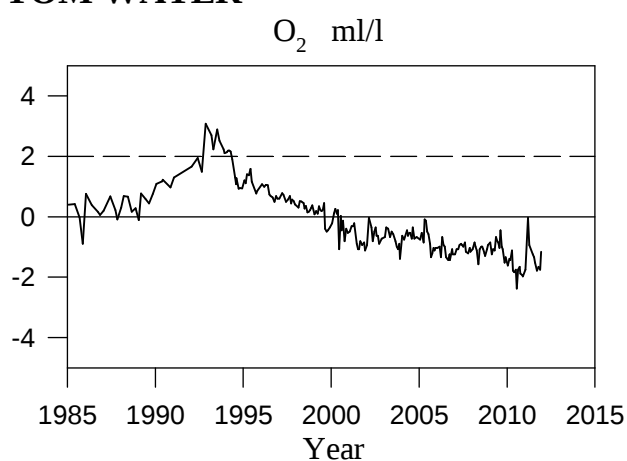
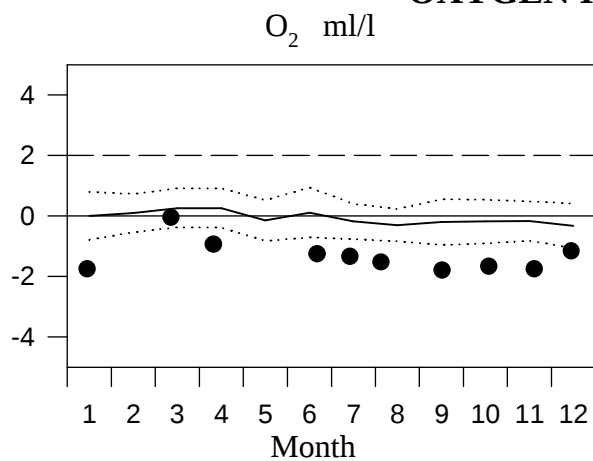
STATION BY32 SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



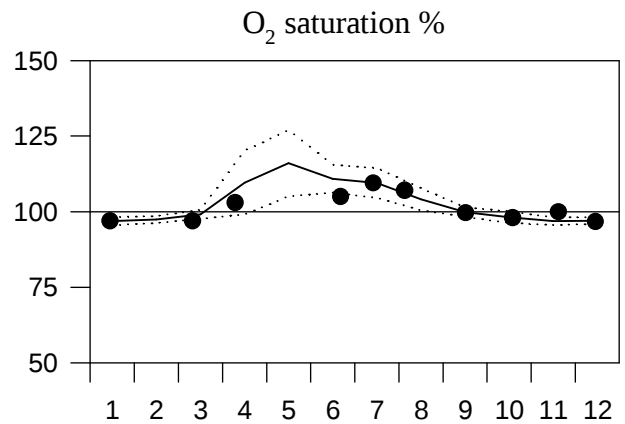
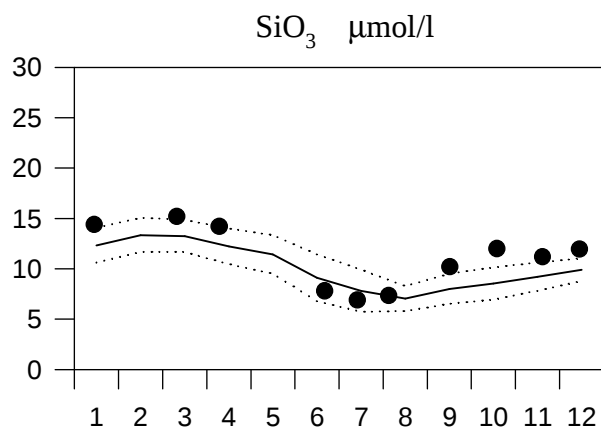
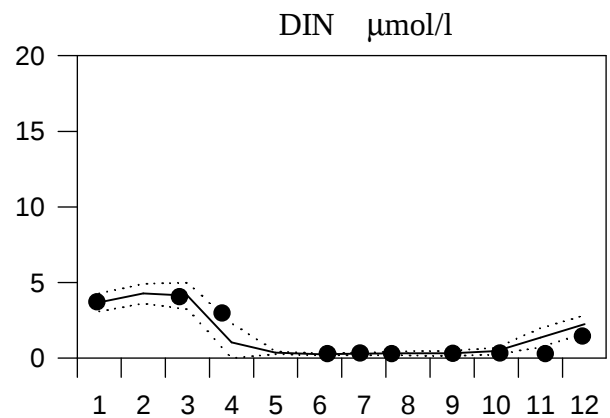
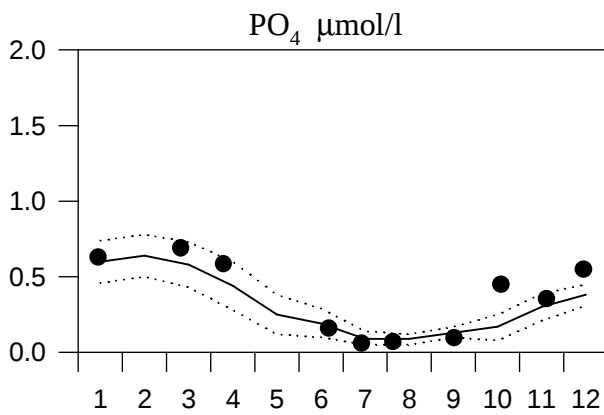
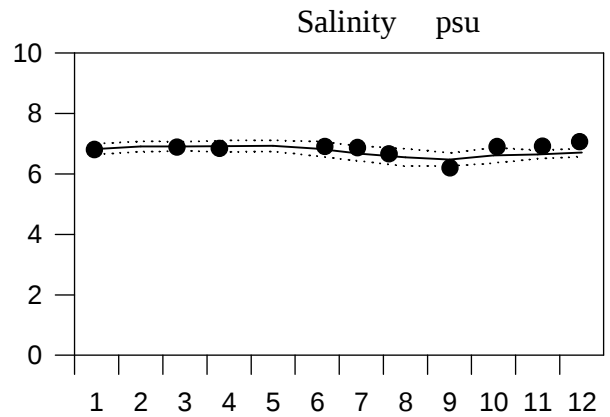
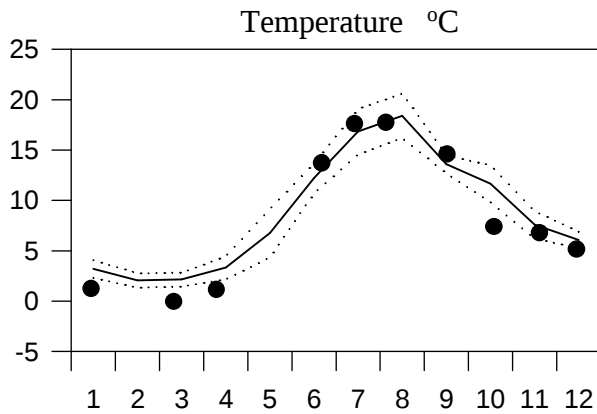
OXYGEN IN BOTTOM WATER



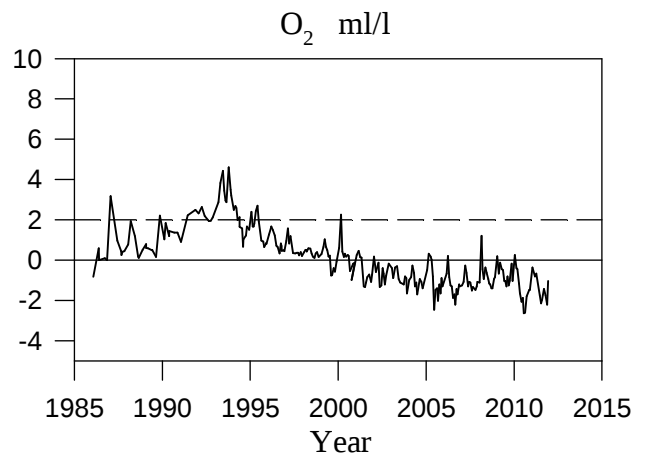
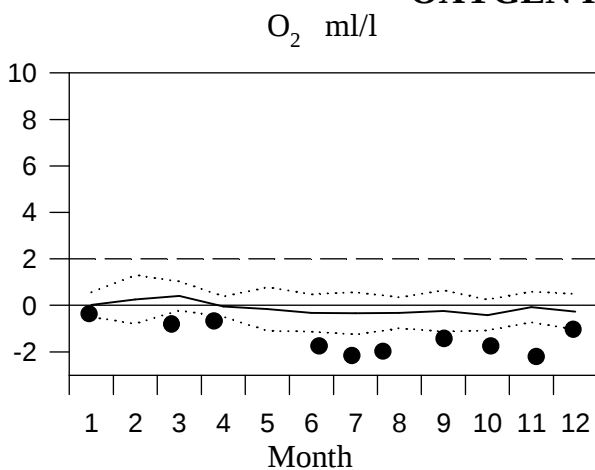
STATION BY38 SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



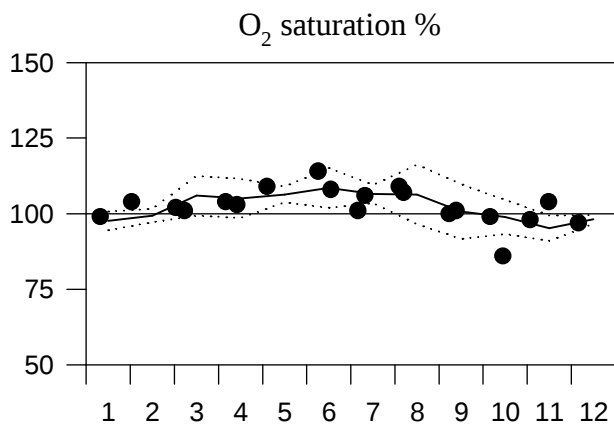
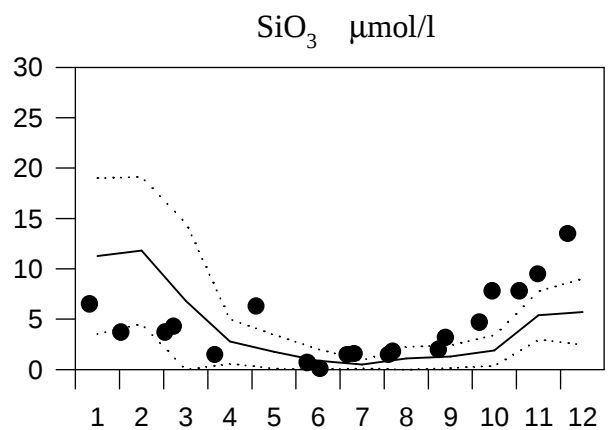
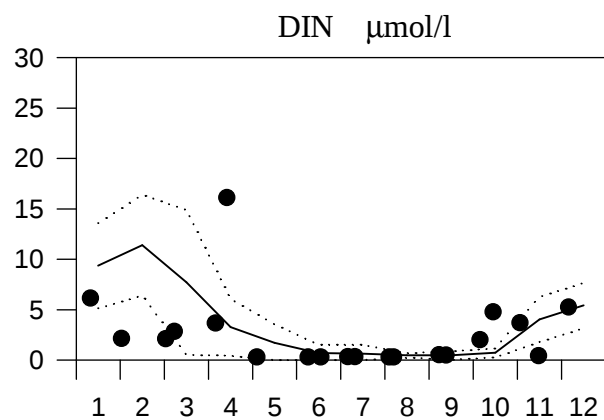
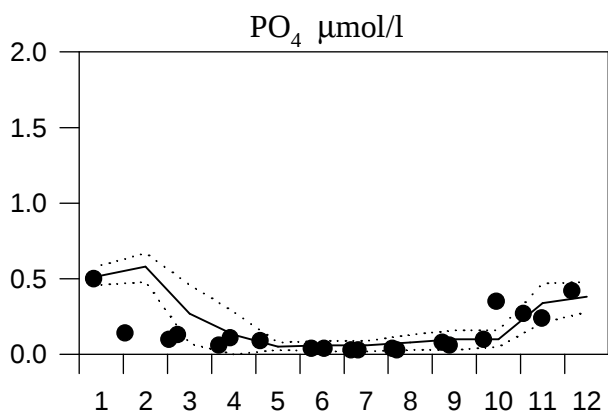
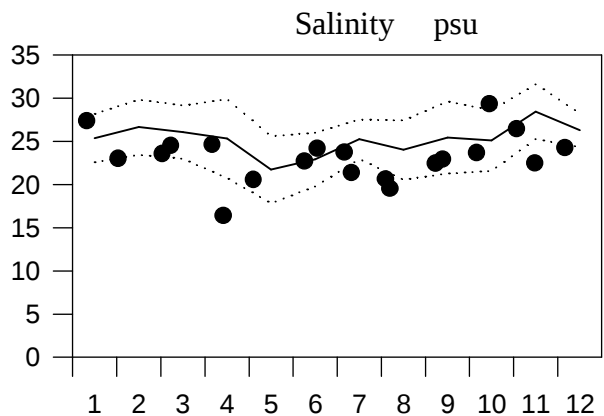
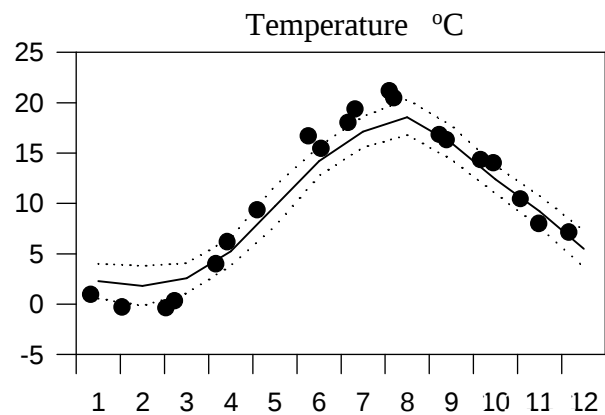
OXYGEN IN BOTTOM WATER



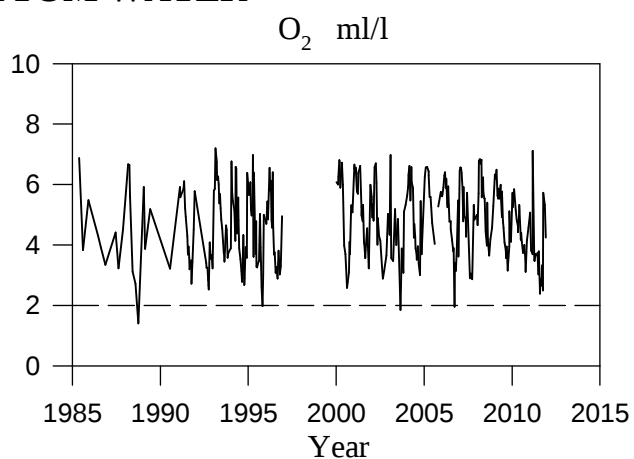
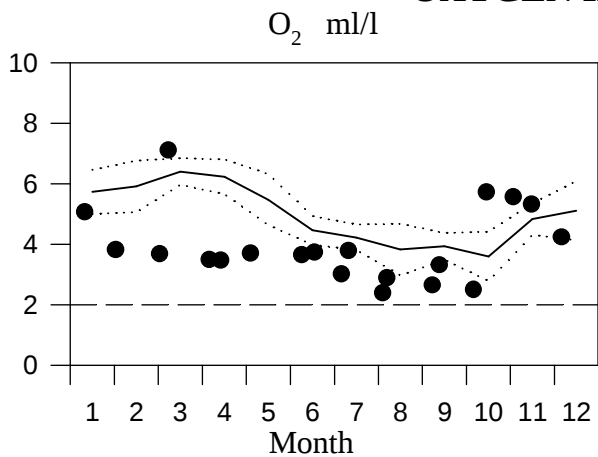
STATION SLÄGGÖ SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011



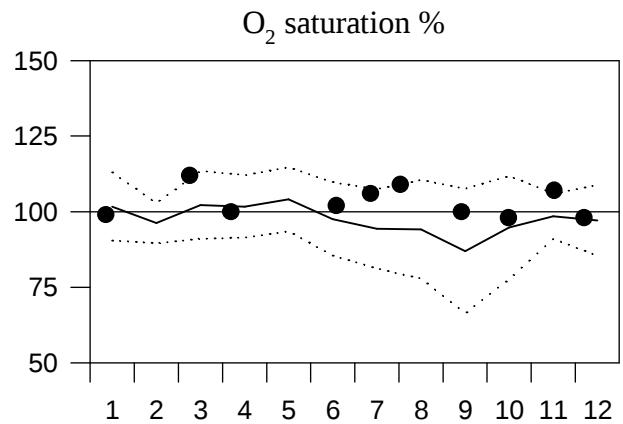
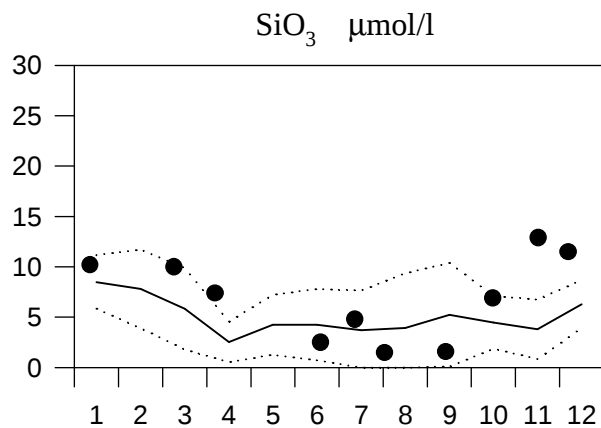
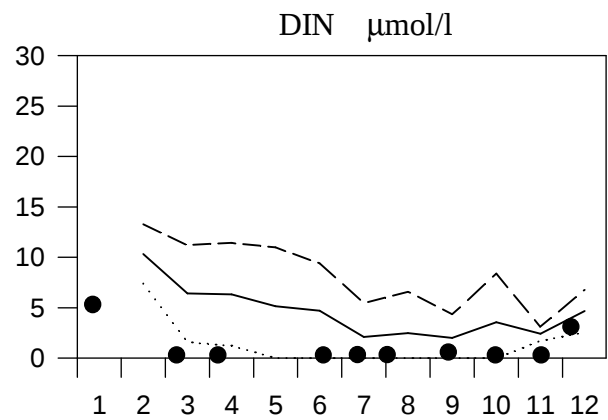
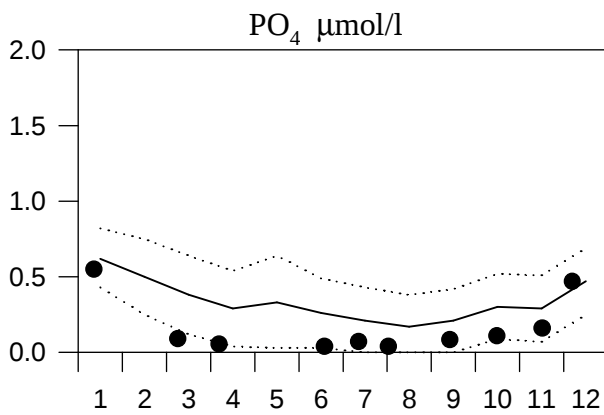
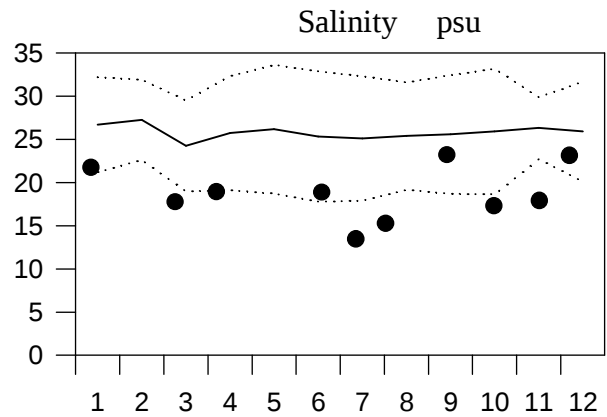
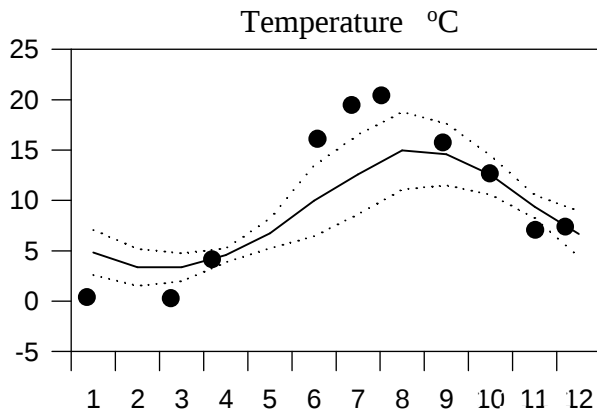
OXYGEN IN BOTTOM WATER



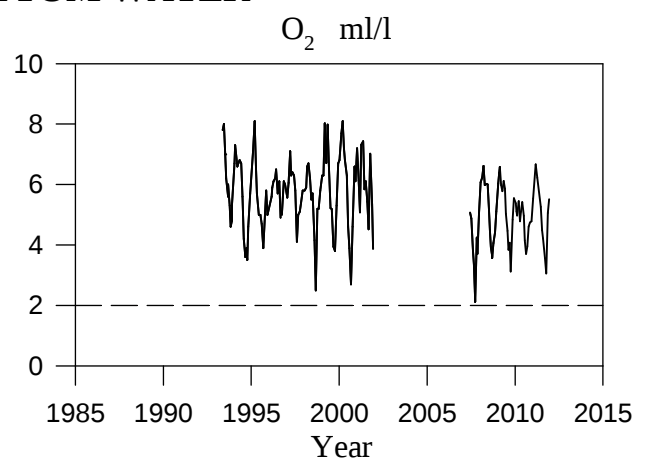
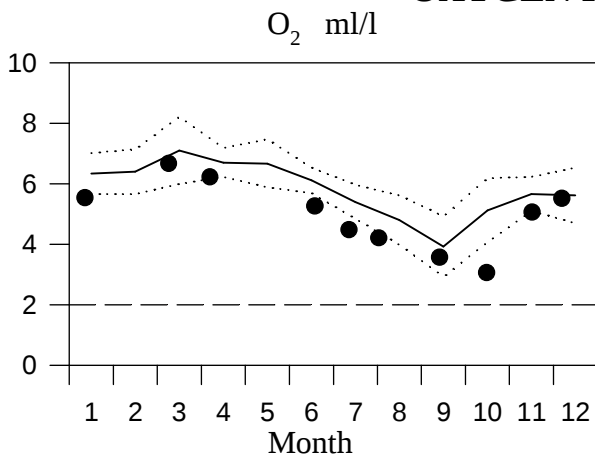
STATION N14 Falkenberg SURFACE WATER

— Mean 1995-2001 St.Dev. **Annual Cycles** • 2011

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



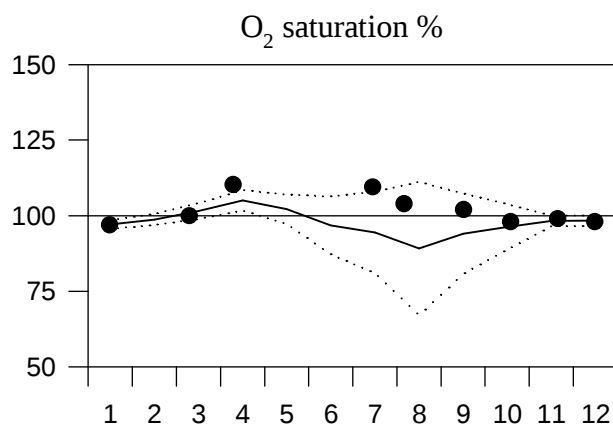
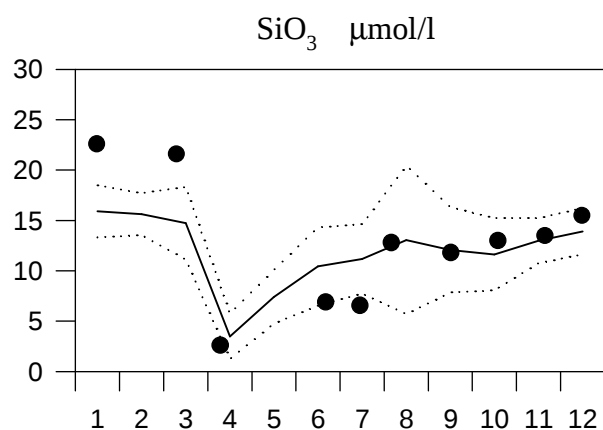
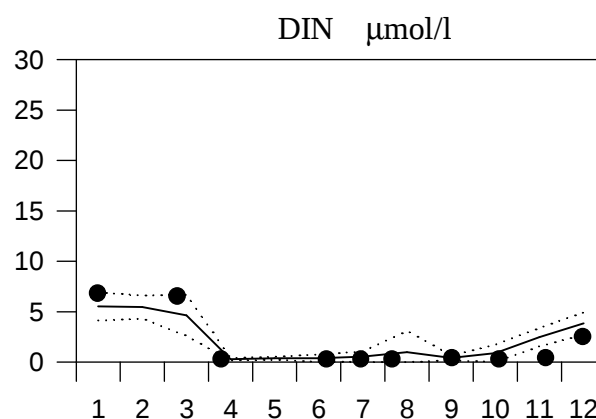
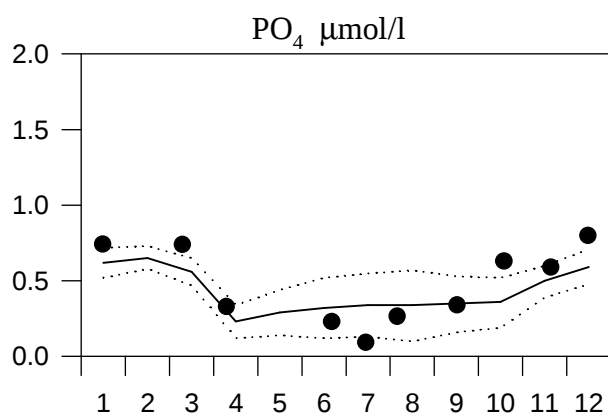
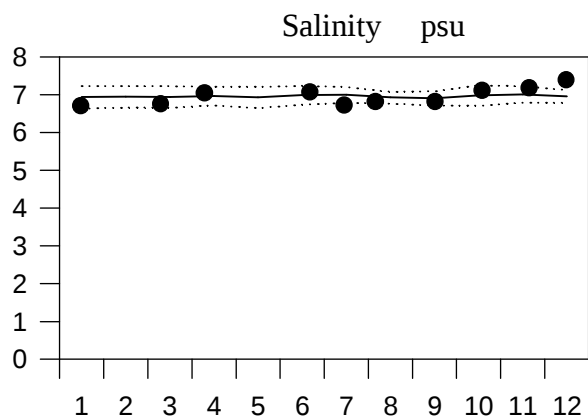
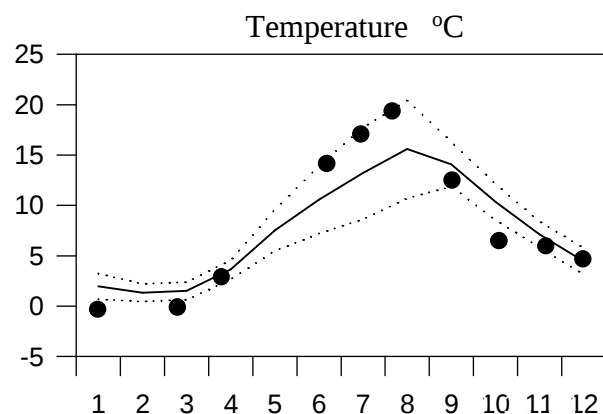
OXYGEN IN BOTTOM WATER



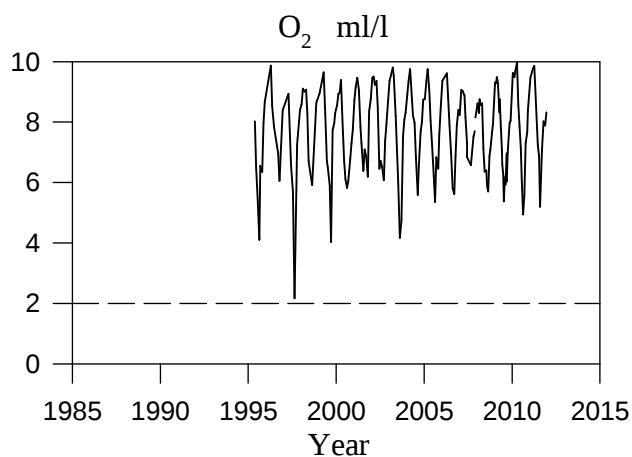
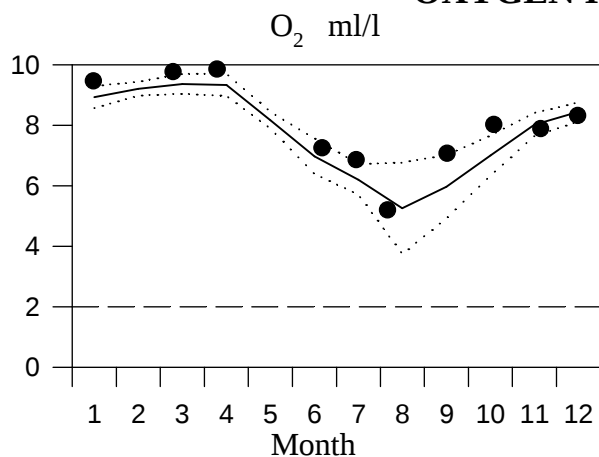
STATION REF M1V1 SURFACE WATER

Annual Cycles

— Mean 1995-2004 St.Dev. ● 2011

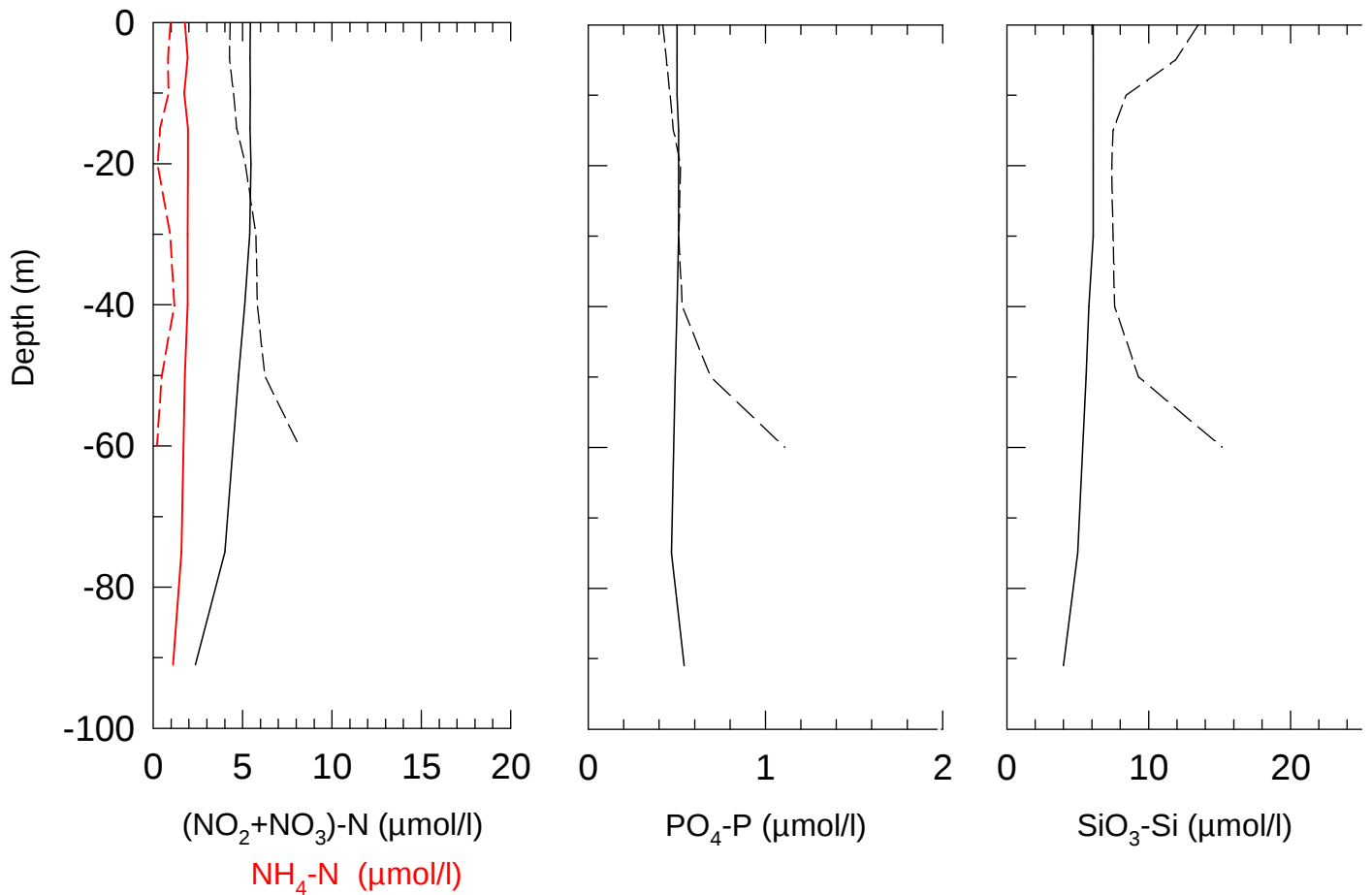
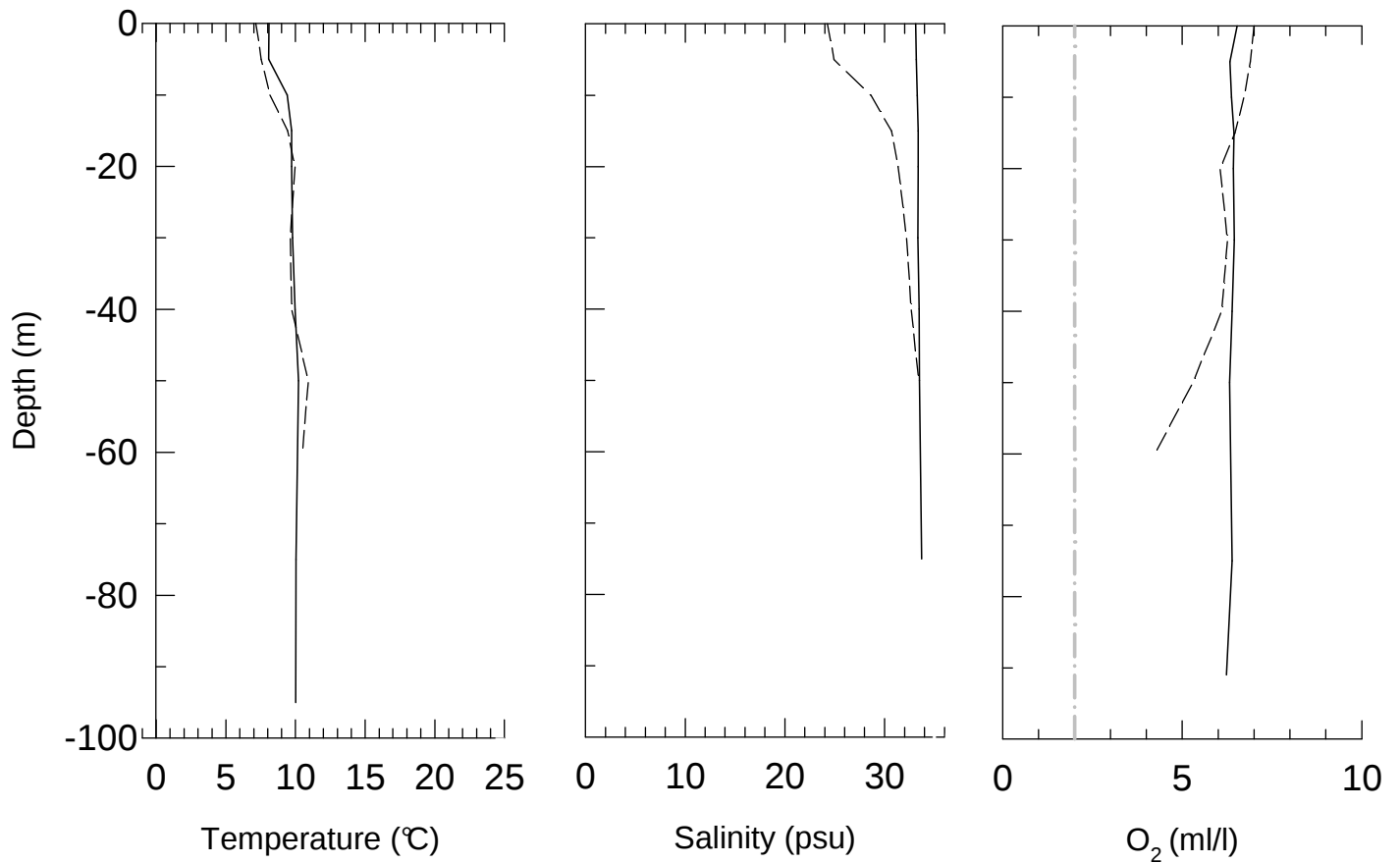


OXYGEN IN BOTTOM WATER



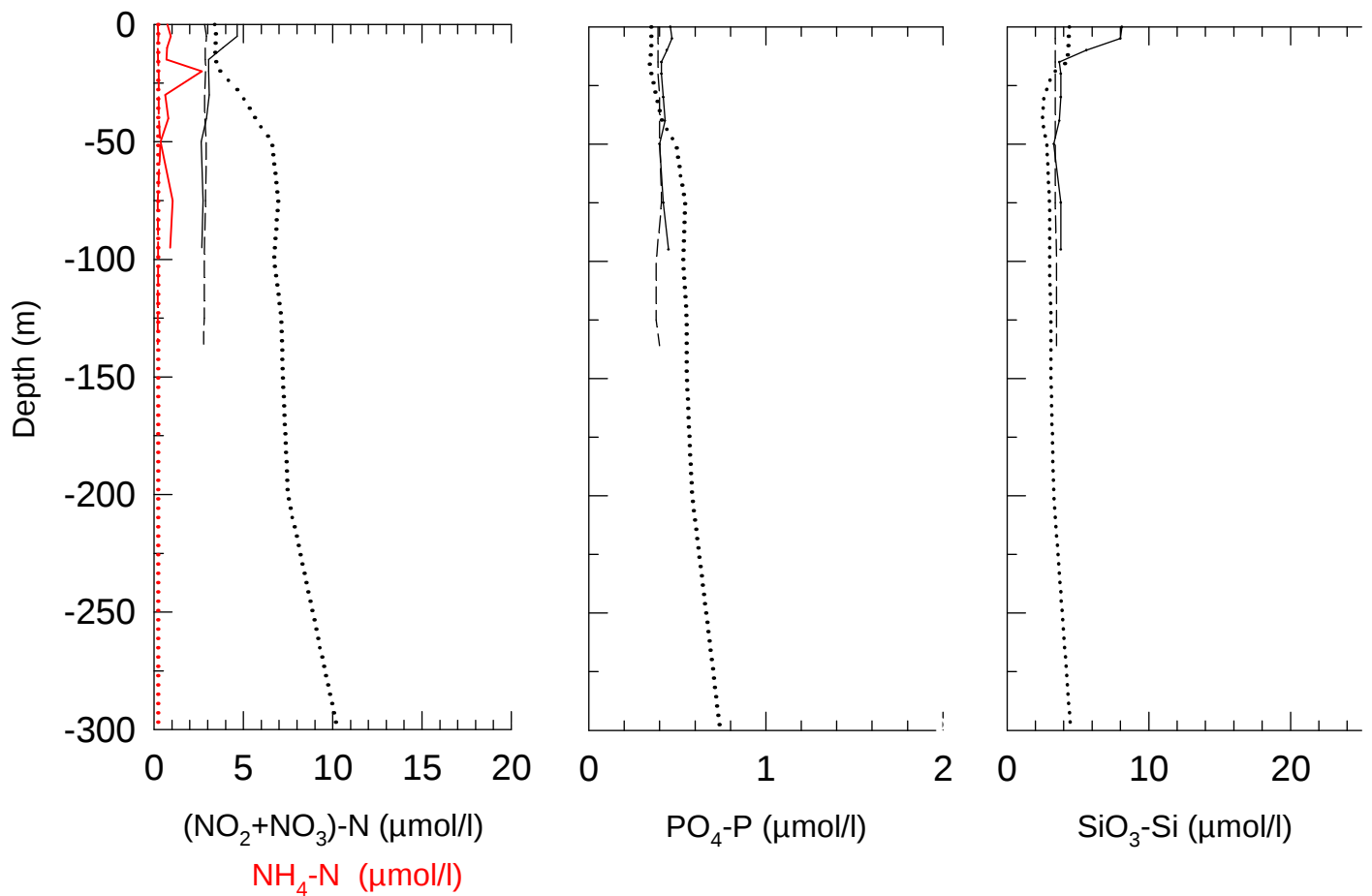
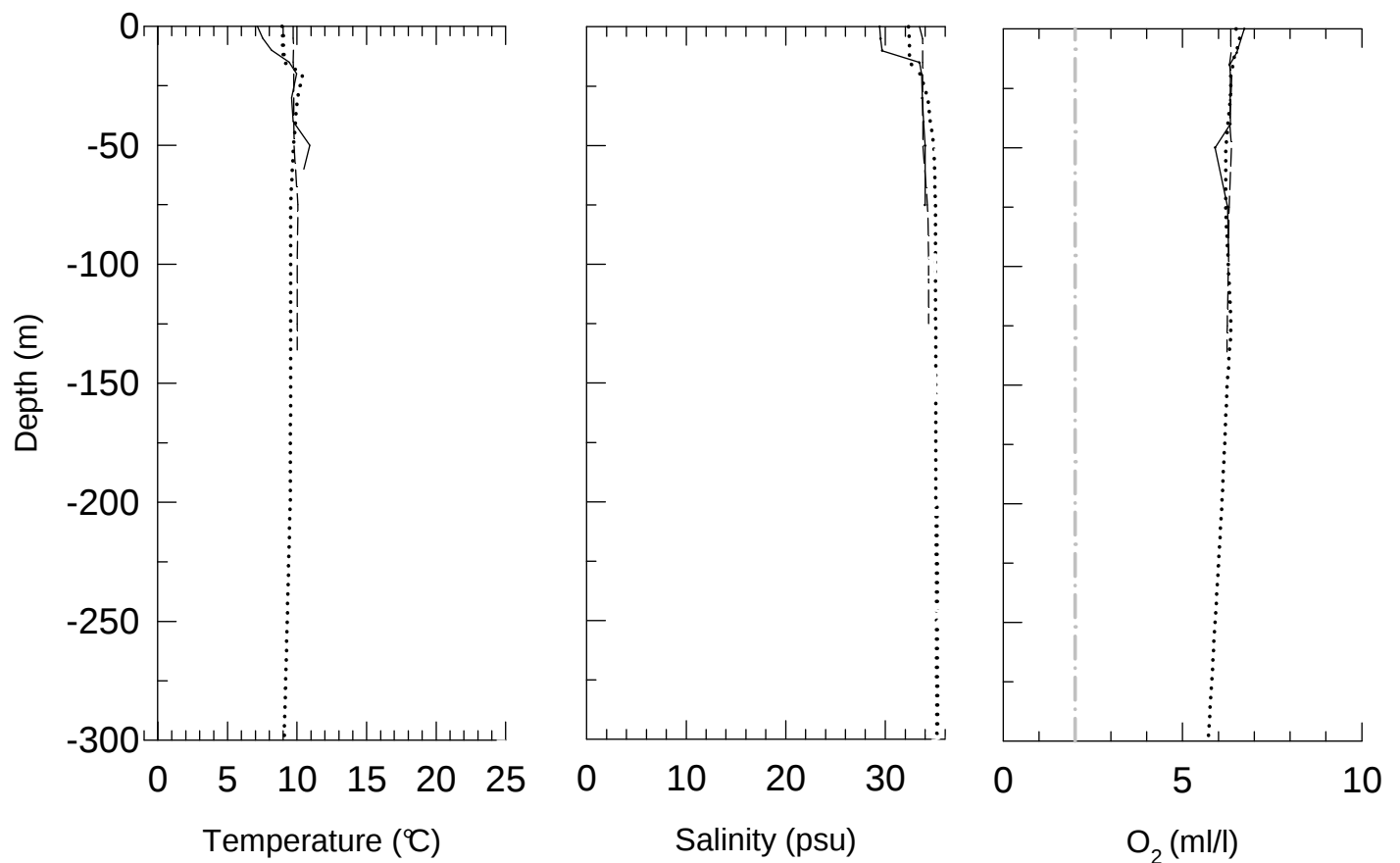
SKAGERRAK Coast 2011-12-05

———— P2 - - - - - Släggö

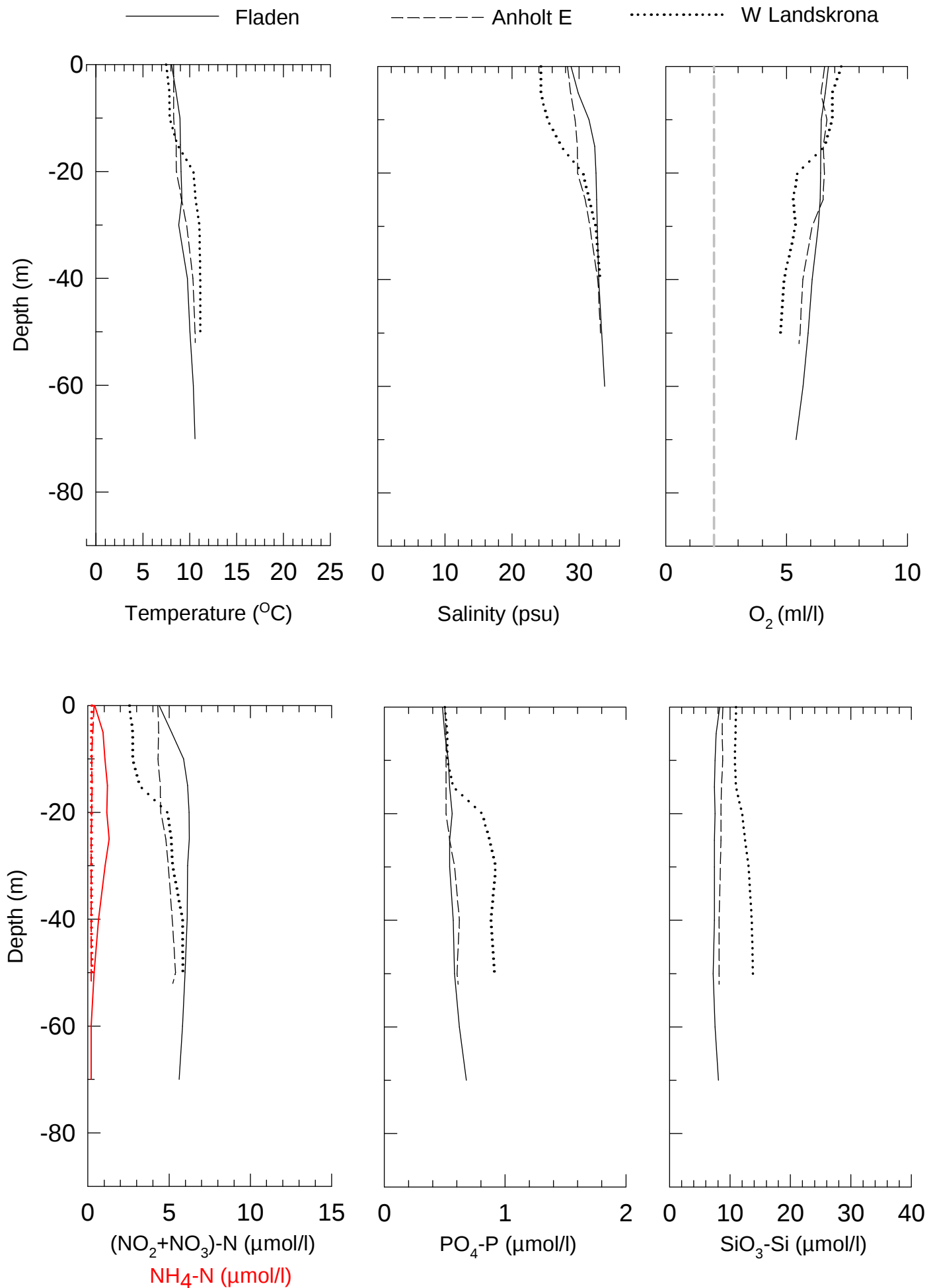


SKAGERRAK Å-Section 2011-12-05

—— Å13 - - - - - Å15 Å17

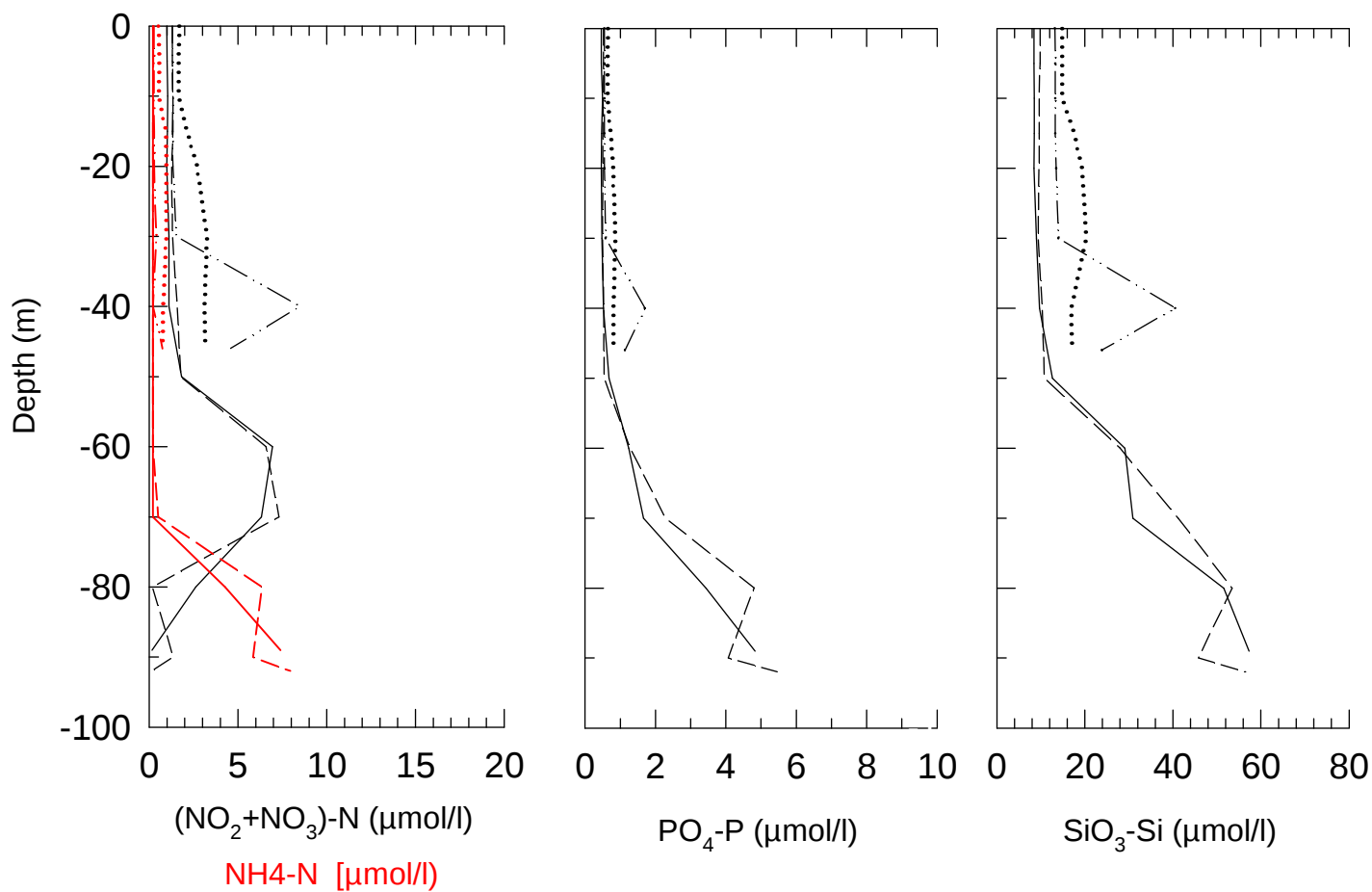
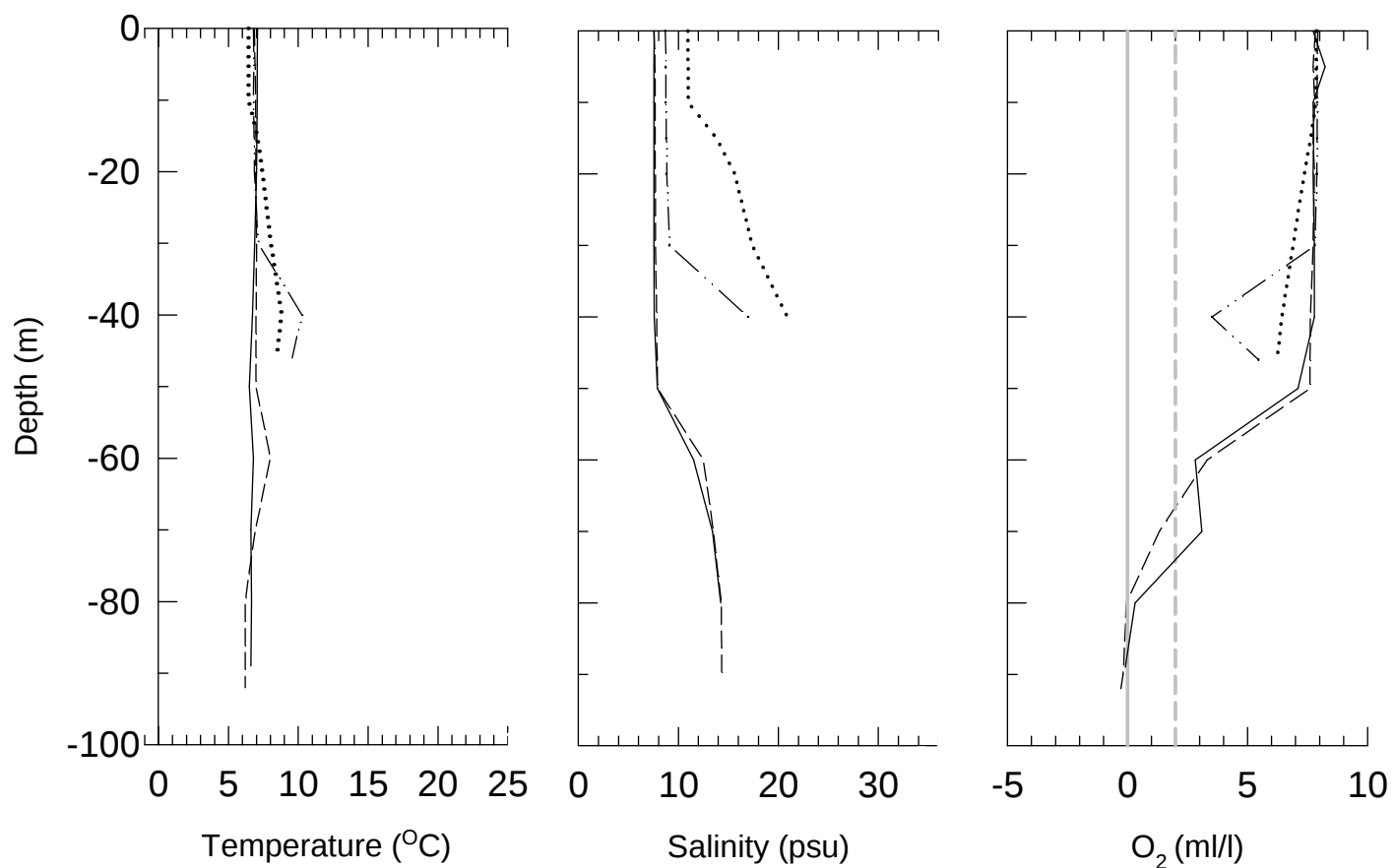


KATTEGAT and THE SOUND 2011-12-06



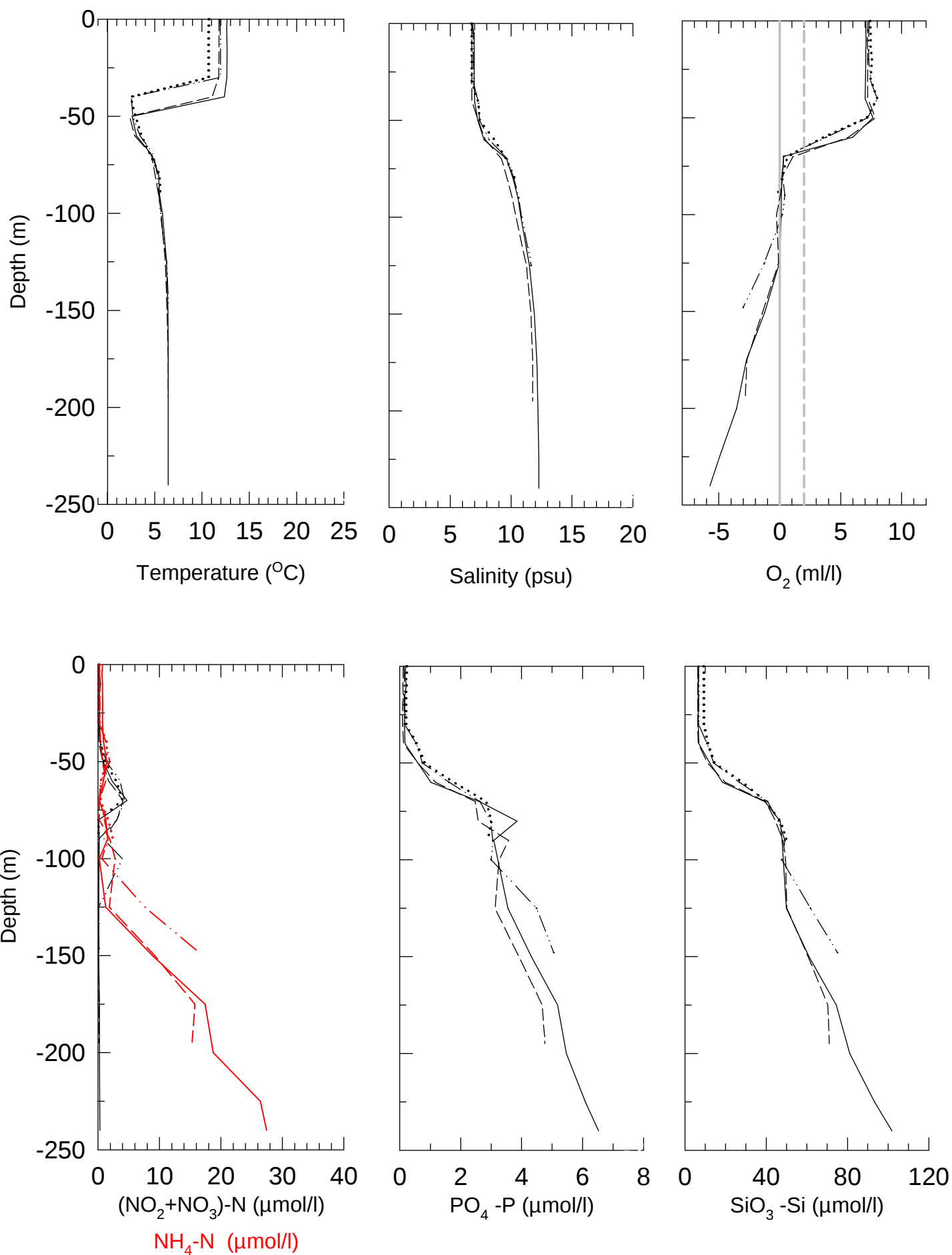
SOUTHERN BALTIC 2011-12-07

— BY5 - - - BY4 - · - · - BY2 ····· BY1



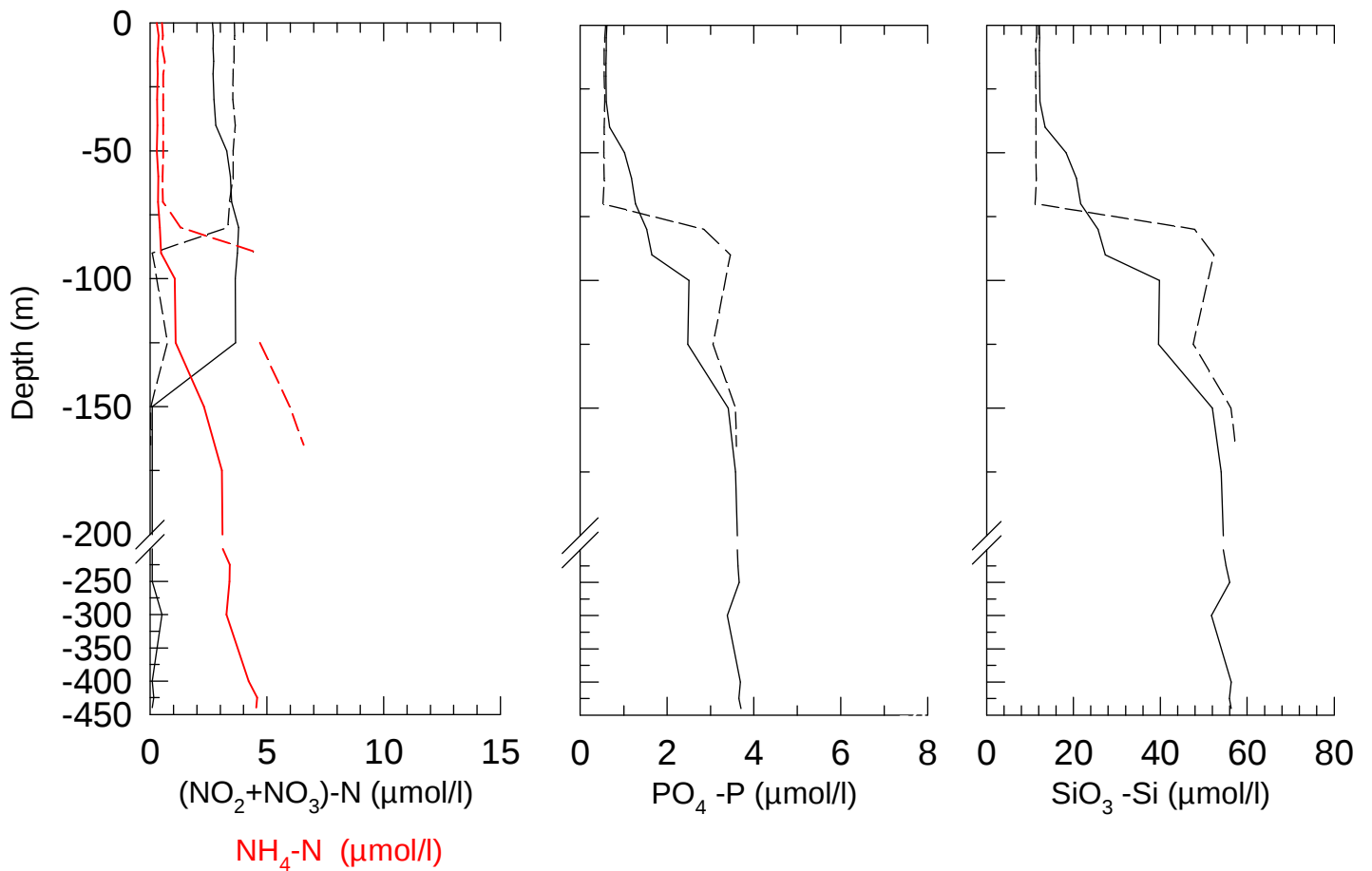
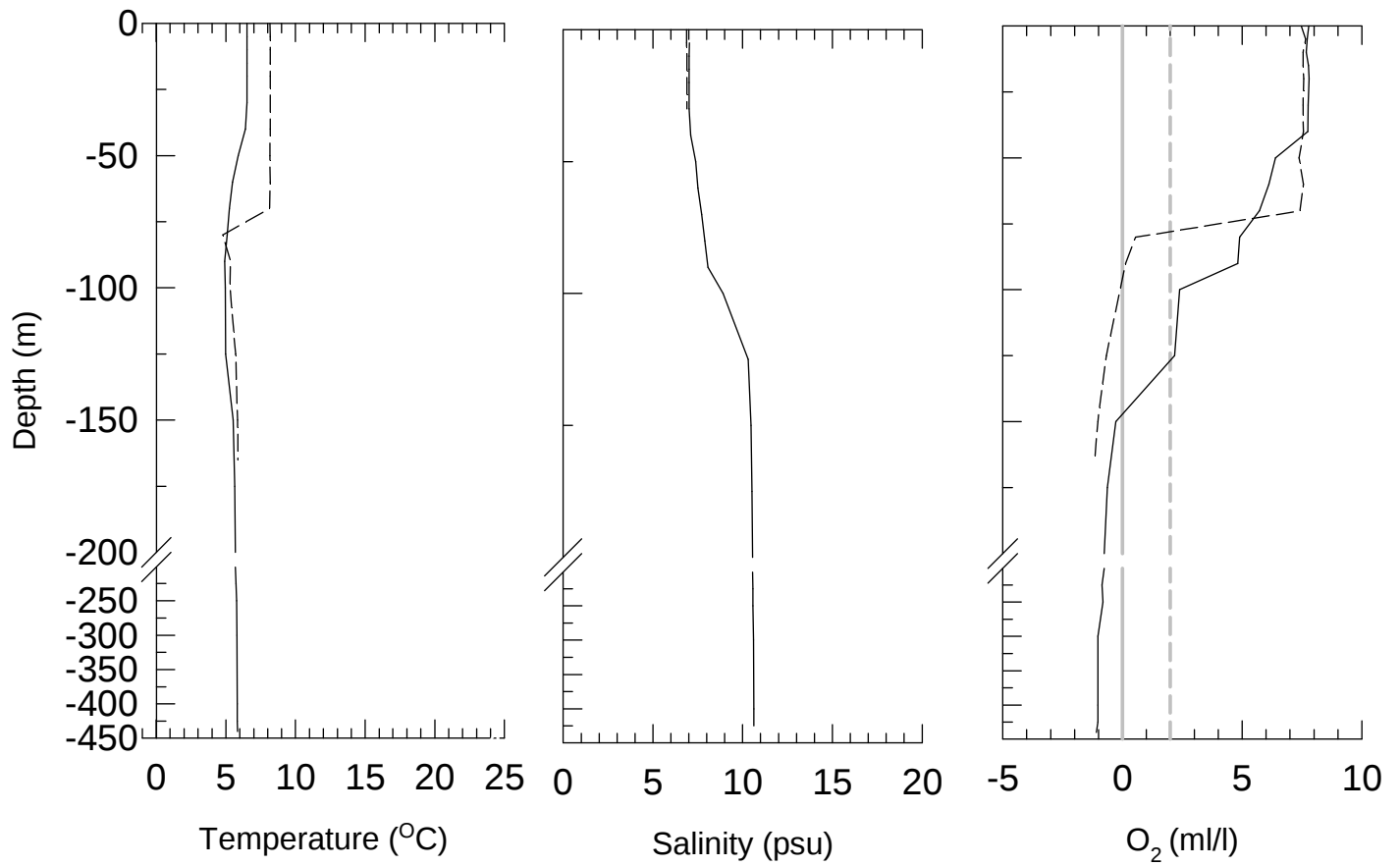
EASTERN BALTIC 2011-12-08

— — — BY20 — BY15 - · - · - BY10 ······ BCS III-10

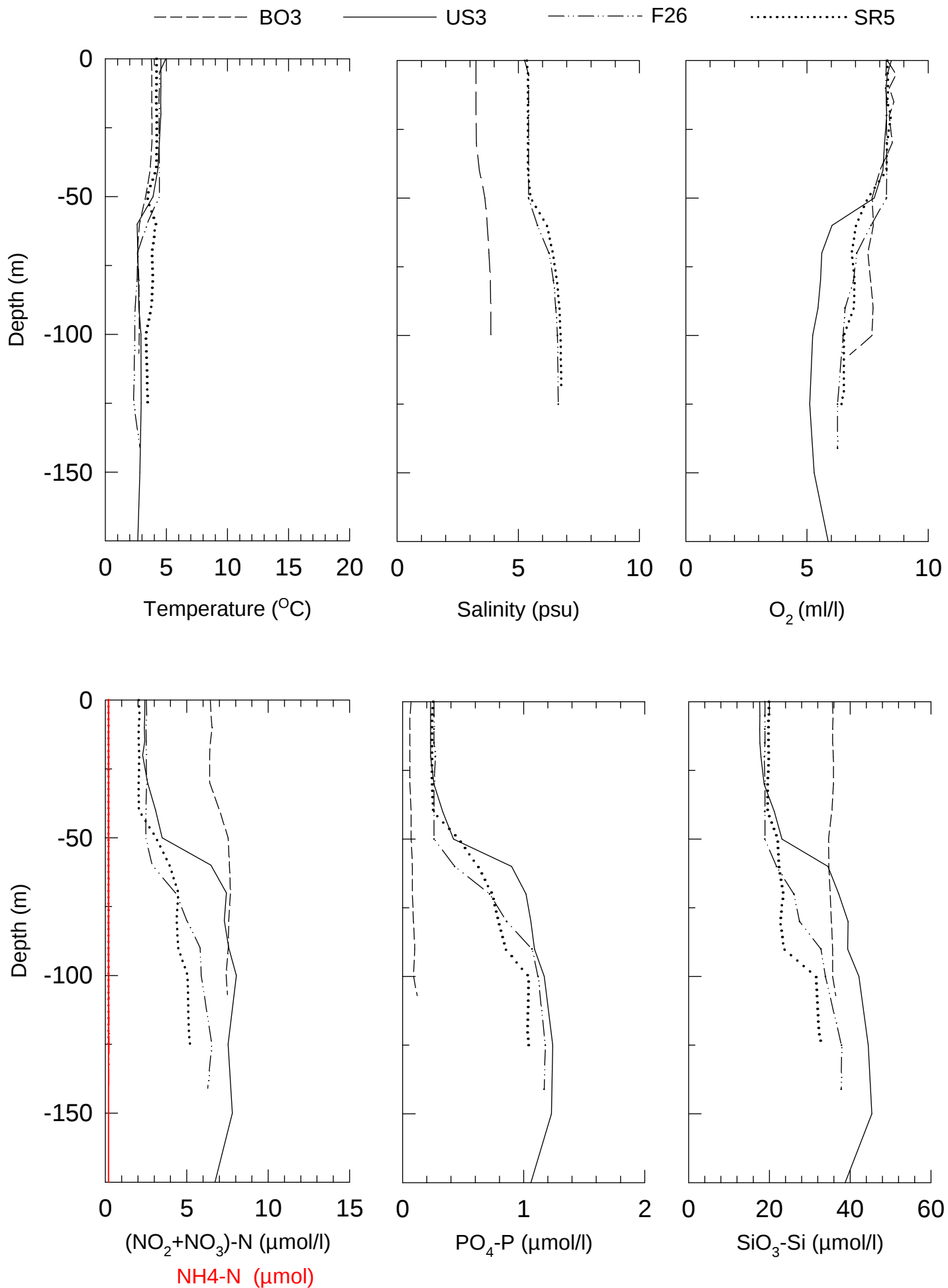


NORTHERN BALTIC 2011-12-09, 12-14

----- BY29 — BY31



GULF OF BOTHNIA 20111209-20111213



WESTERN BALTIC 2011-12-14

———— BY32 - - - - - BY38

