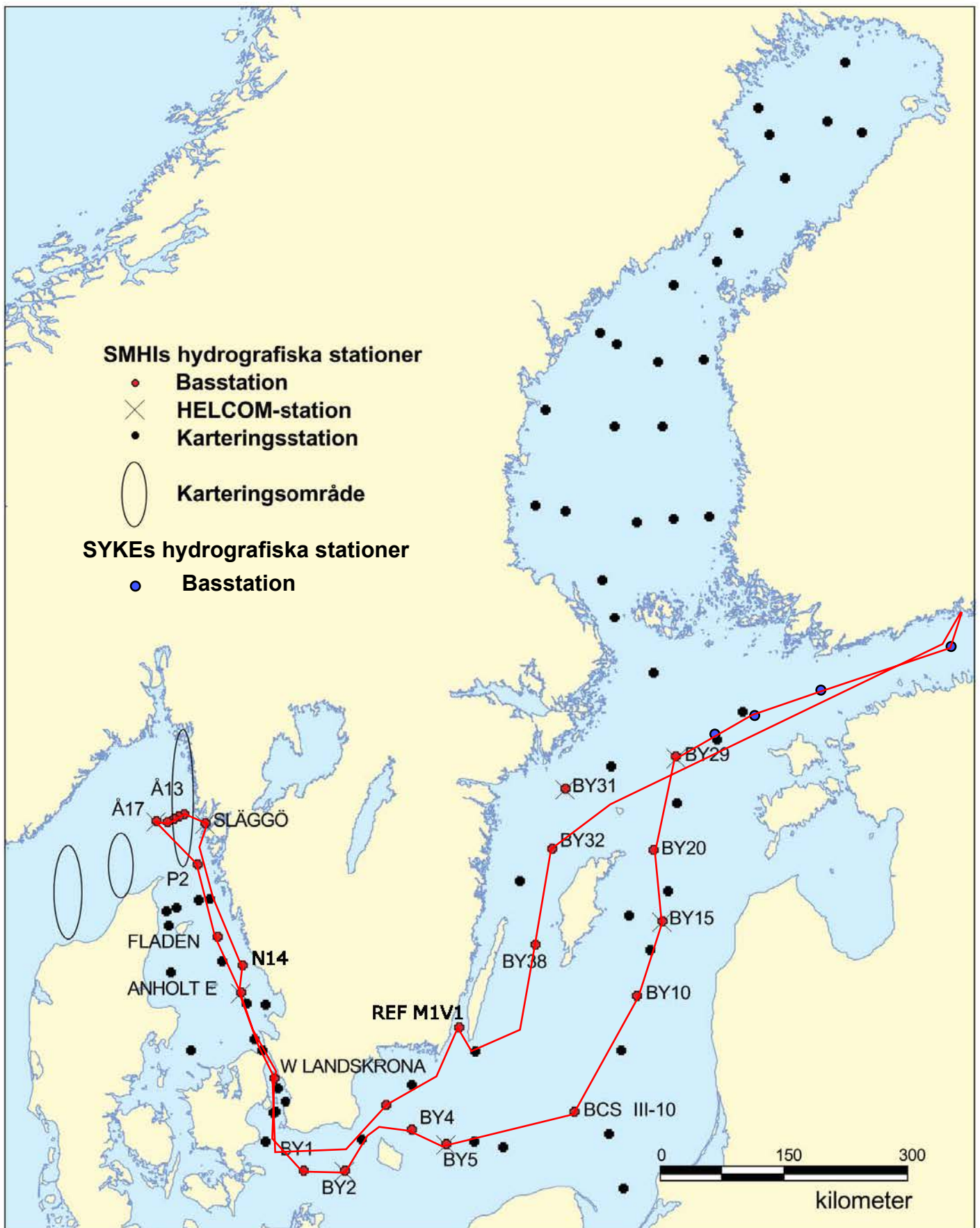


TRACKCHART

Country: Sweden
 Ship: R/V ARANDA
 Date: 20160418-20160425
 Series: 0212-0240



Date: 2016-04-25
Time: 11:41

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 PPCPZT Hrhhoo P l	No de	T e a ml p n	S h x pi g	O 2 y S	H 2 o P	P 0 o Y	T 0 o P	N 0 o N	N 0 o h	A S t k l a	S h o l i n g m 3 u n	L u i d o n c c m	P 0 o C	T 0 o m			
0212	GFXX29EXT		BY23/LL7	N5950.5	E2450.3	20160418	1125	102		25 13	3.5	1001	1640	x --x----	13	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0213	BPNX60EXT		LL12	N5929.0	E2254.0	20160418	1730	83		23 12	4.8	1003	1340	x --x----	11	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0214	BPNX00BAS		LL15	N5911	E2144.81	20160418	2145	132		23 11	5.2	1001	9990	x -----	15	x	x	-	x	-	-	-	-	-	-	-	-	-	-	-	x
0215	BPNX35EXT		BY29	N5853	E2019	20160419	0240	187		24 12	5.1	1000	2740	x -----	16	-	x	-	x	-	-	-	-	-	-	-	-	-	-	-	x
0216	BPEX26BAS	FÄRÖDJ	BY20	N5800	E1953	20160419	0810	192		22 10	5.6	1001	2740	x --x----	17	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0217	BPEX21BAS	BY15	GOTLANDSDJ	N5720	E2003	20160419	1240	240	9	24 11	5.4	1003	2840	x -xxxx--	19	x	x	x	-	x	-	x	x	x	x	x	x	-	-	-	x
0218	BPEX13BAS	BY10		N5638	E1935	20160419	1900	145		32 10	5.6	1008	9990	x --x----	15	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0219	BPSE11BAS	BCS IIII-10		N5533.3	E1824	20160420	0230	90		27 10	5.7	1015	1630	x --x----	12	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0220	BPSB07BAS	BY5	BORNHOLMSDJ	N5515	E1559	20160420	1015	91	8	27 9	6.2	1022	1130	x -xxxx--	12	x	x	x	-	x	-	x	x	x	x	x	x	-	-	-	x
0221	BPSB06BAS	BY4	CHRISTIANSDJ	N5523	E1520	20160420	1335	92	7	26 11	7.3	1022	1130	x --x----	12	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0222	BPSA03BAS	BY2	ARKONA	N5500	E1405	20160420	1930	47		27 6	7.7	1025	9930	x -xxxx--	8	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0223	BPSA02BAS	BY1		N5500	E1318	20160420	2300	46		29 8	7.0	1025	9990	x --x----	8	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0224	SOCX39BAS	W LANDSKRONA		N5552.0	E1245.0	20160421	0535	52	7	29 9	6.0	1022	1120	x --x----	9	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0225	KAXE29BAS	ANHOLT E		N5640.0	E1207.0	20160421	1050	63	8	26 9	7.1	1020	2740	x -xxxx--	10	x	x	x	-	x	-	x	x	x	x	x	x	-	-	-	x
0226	KANX25BAS	FLADEN		N5711.5	E1140	20160421	1430	84		28 15	8.6	1015	1450	x --x----	12	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0227	SKEX23BAS	P2		N5752	E1118	20160421	1915	94		28 13	8.5	1010	9950	x --x----	10	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	x
0228	SKEX18BAS	Å17		N5816.5	E1030.8	20160421	2320	352		33 13	7.8	1013	9990	x -xx---	15	x	x	x	-	x	-	x	x	x	x	x	-	x	-	-	

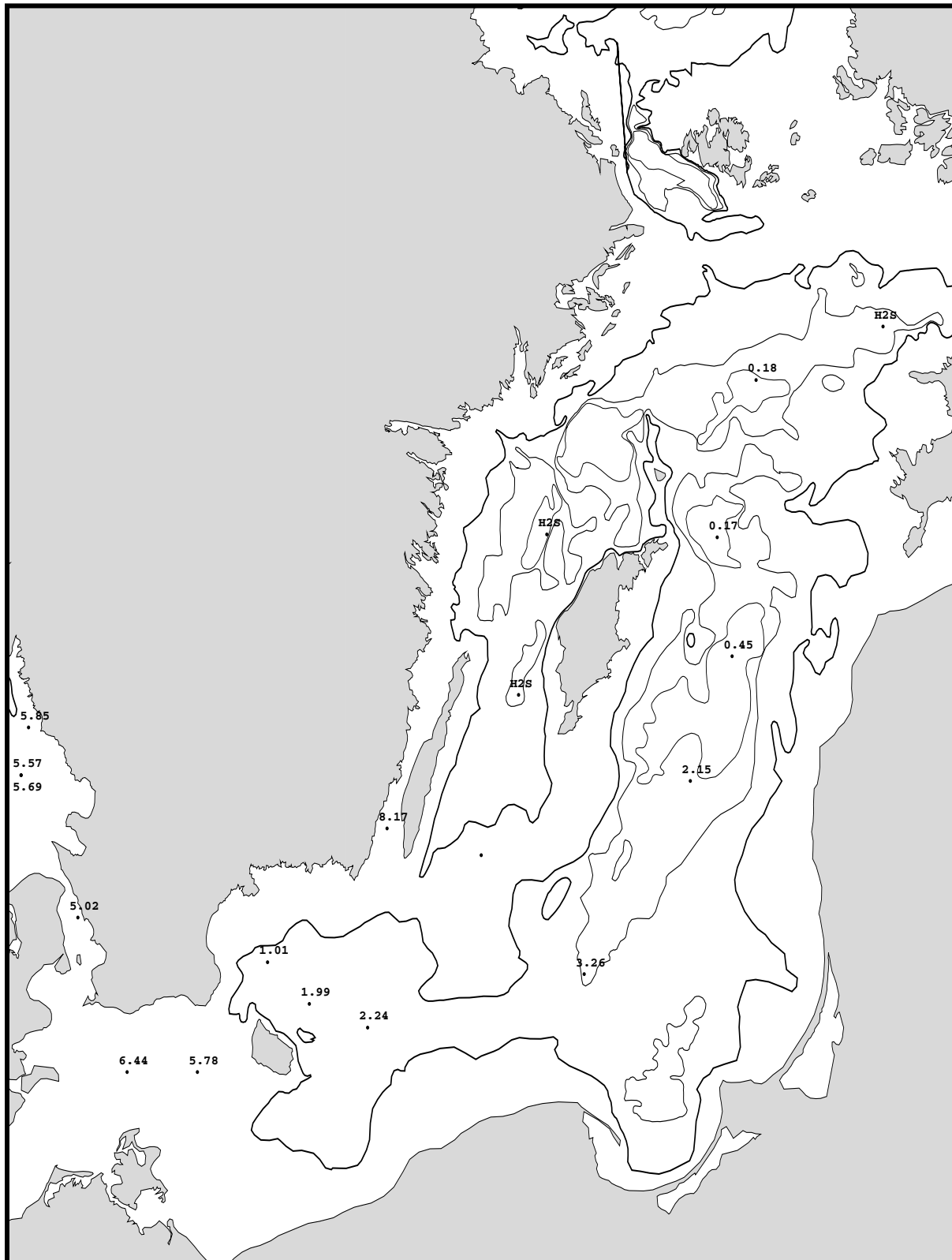
Bottom water oxygen concentration (ml/l)

Country: Finland

Ship : Aranda

Date : 20160418-20160424

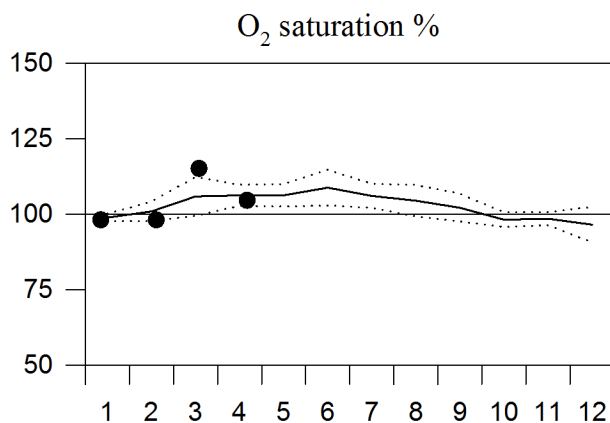
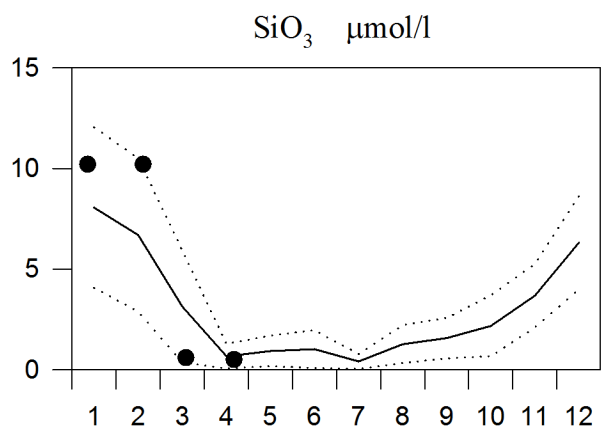
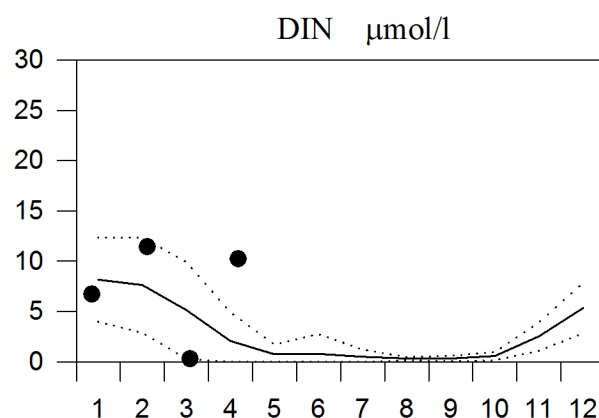
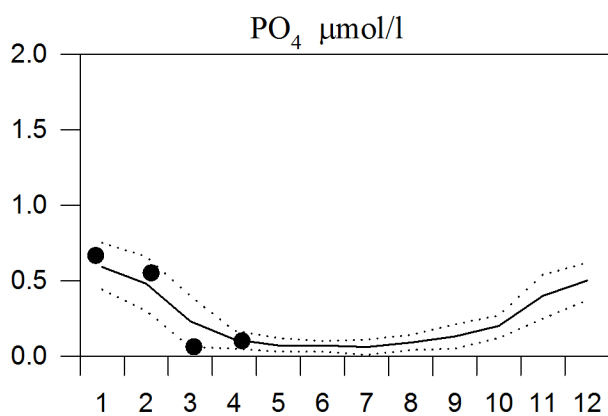
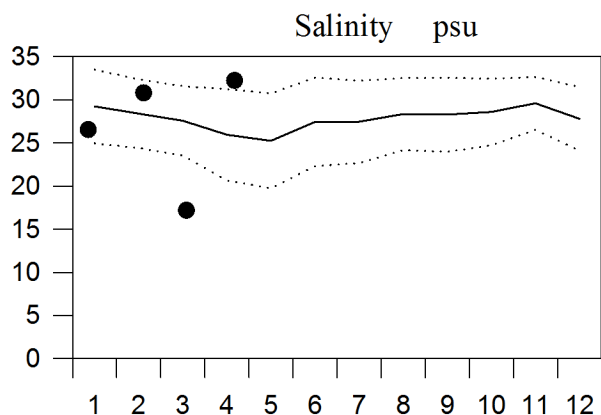
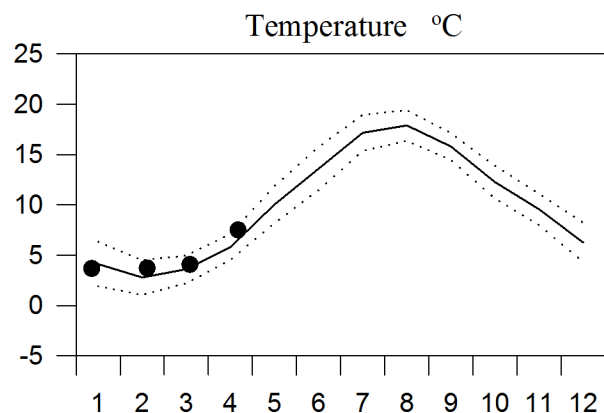
Series : 0212-0240



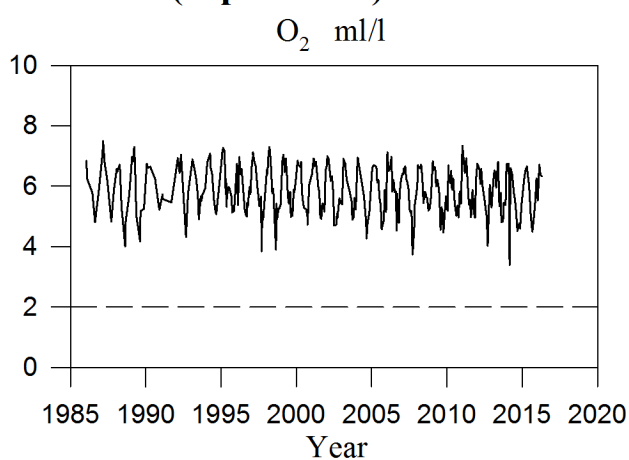
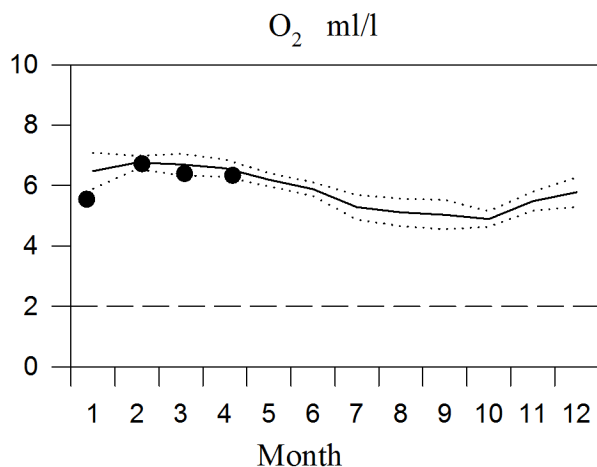
STATION P2 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016

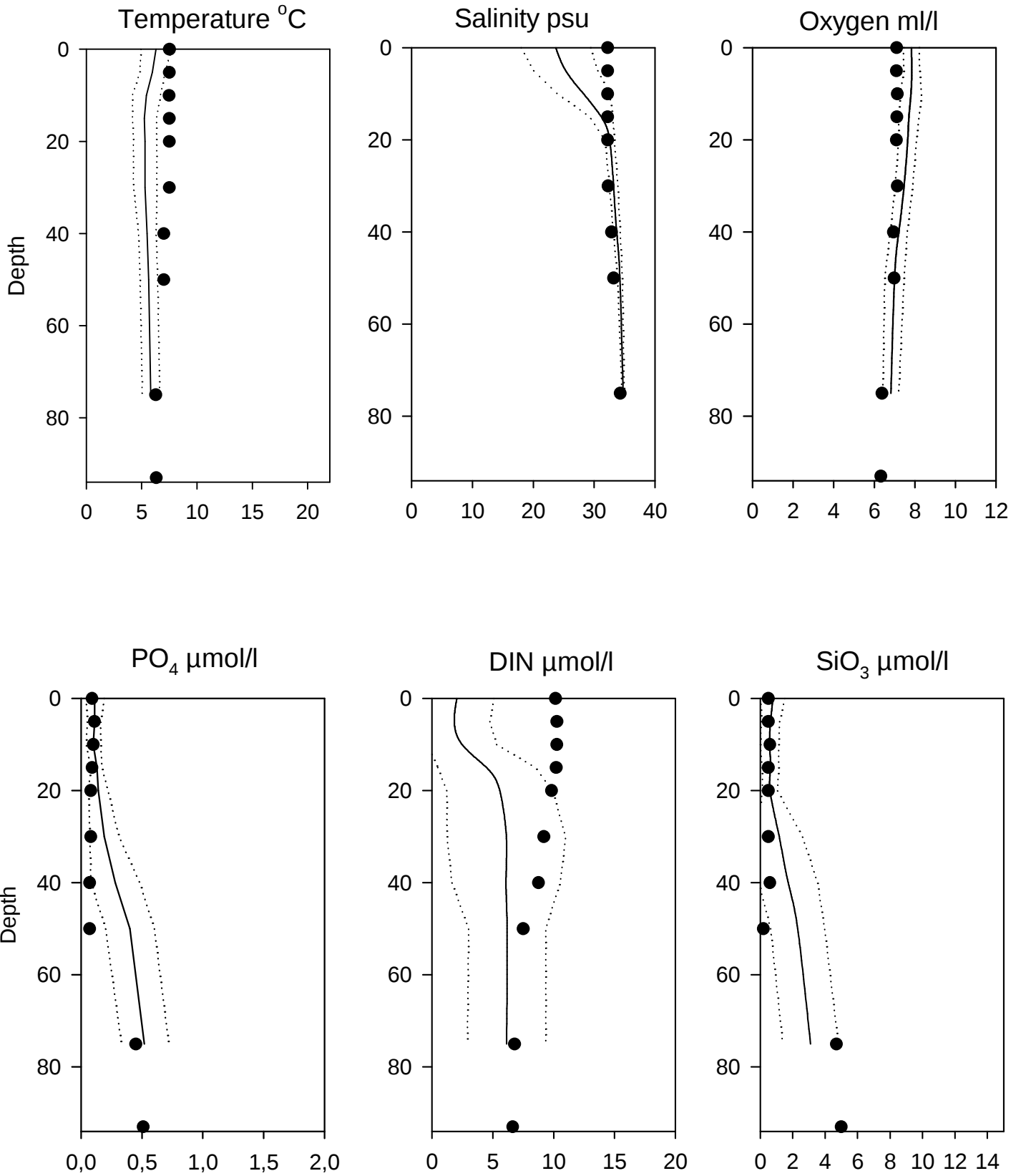


OXYGEN IN BOTTOM WATER (depth >75m)



Vertical profiles P2 April

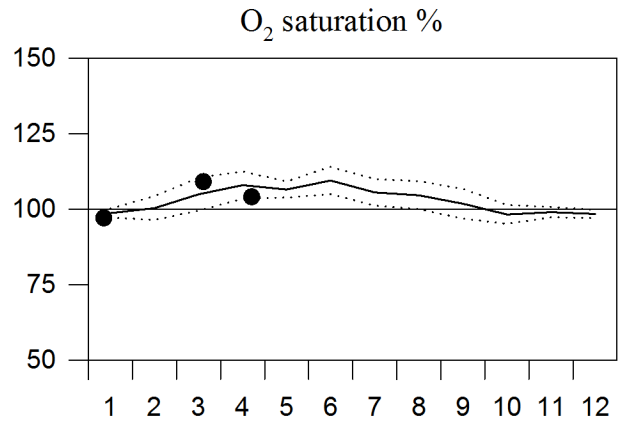
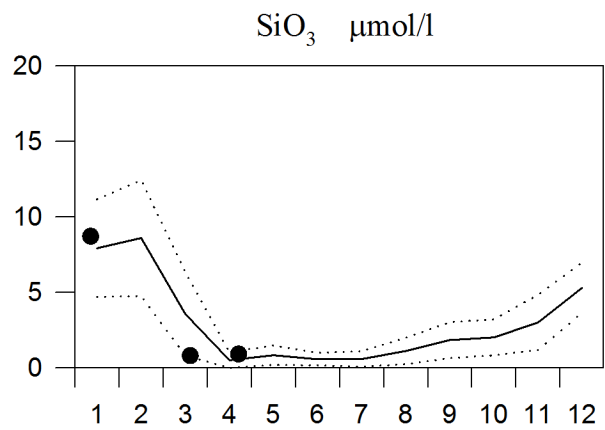
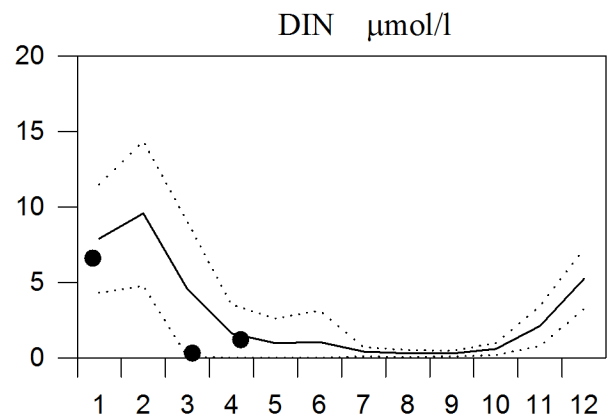
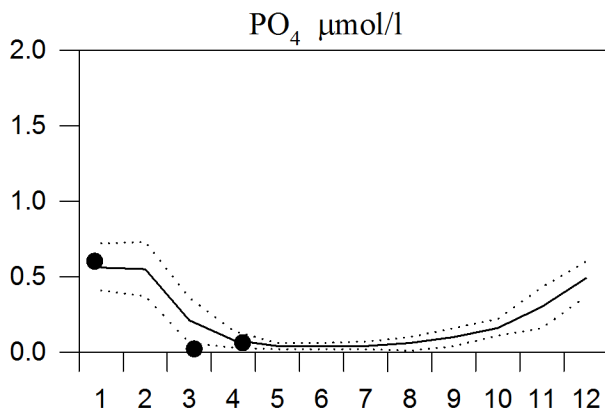
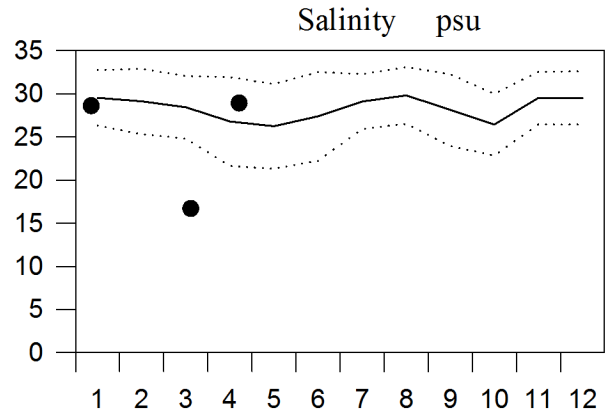
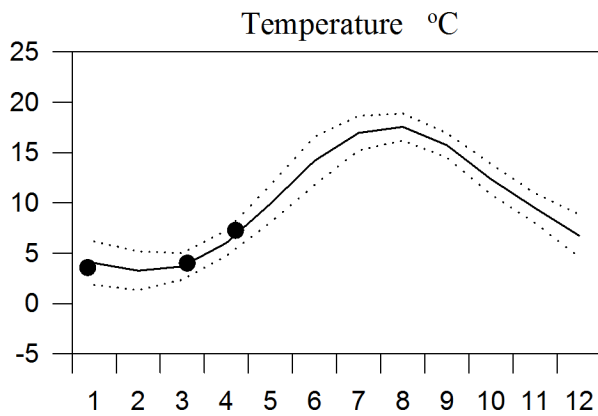
— Mean 1996-2010 St.Dev. ● 2016



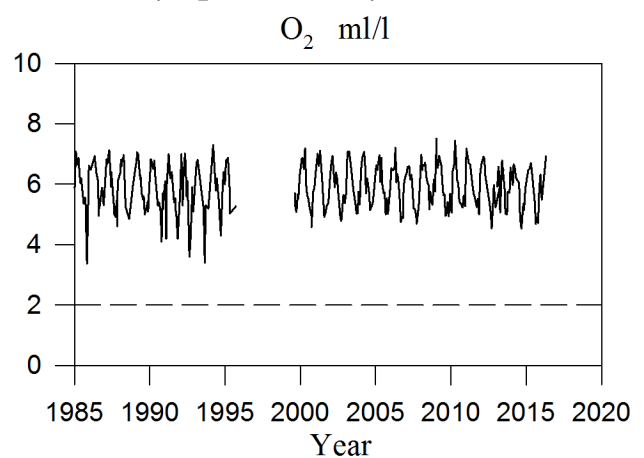
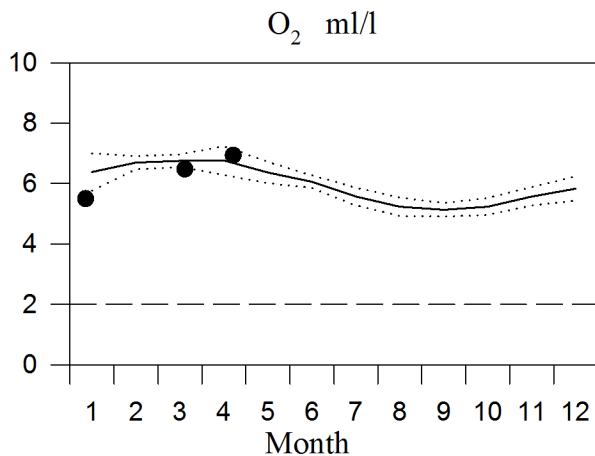
STATION Å13 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016

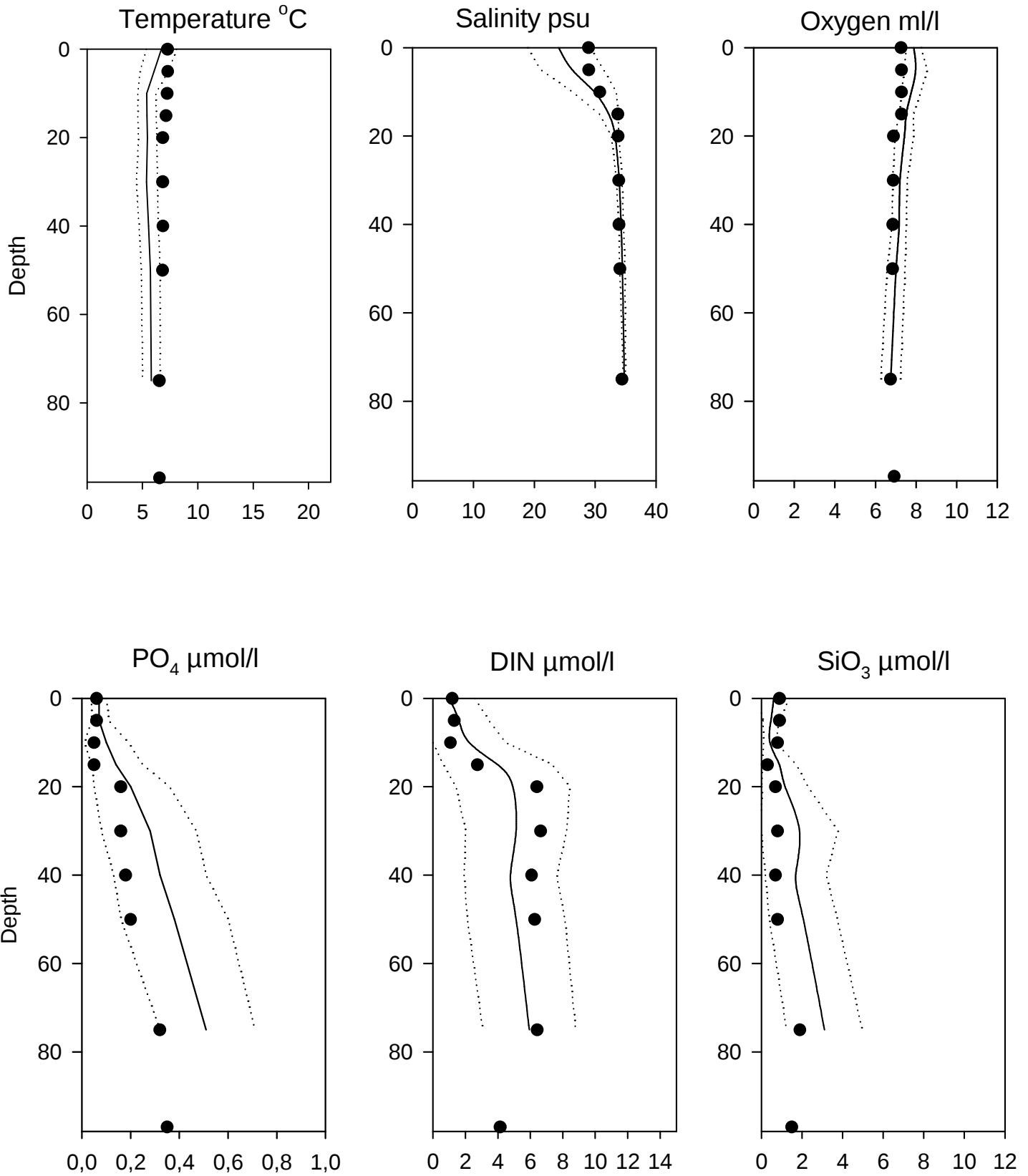


OXYGEN IN BOTTOM WATER (depth >=75m)



Vertical profiles Å13 April

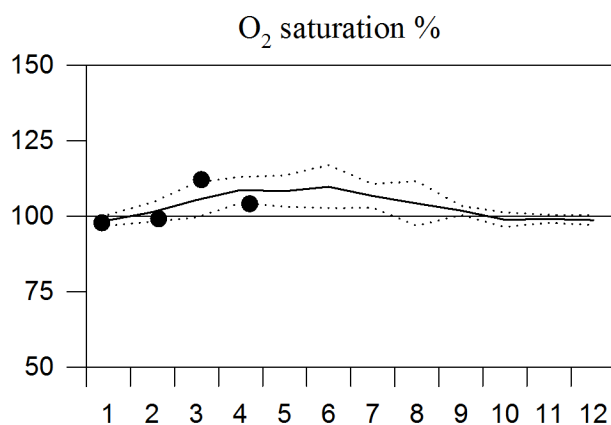
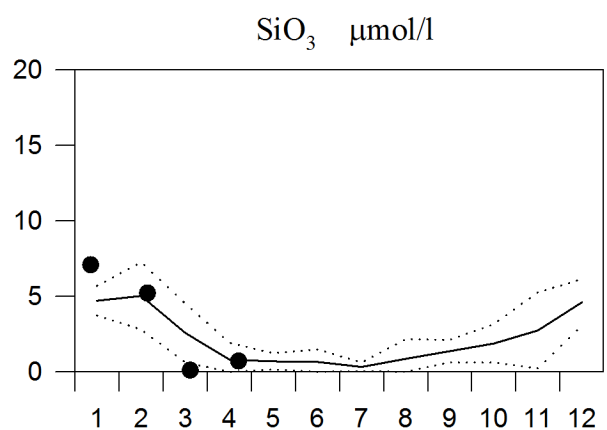
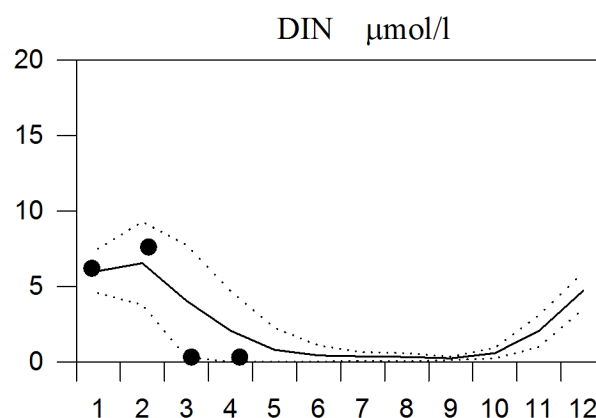
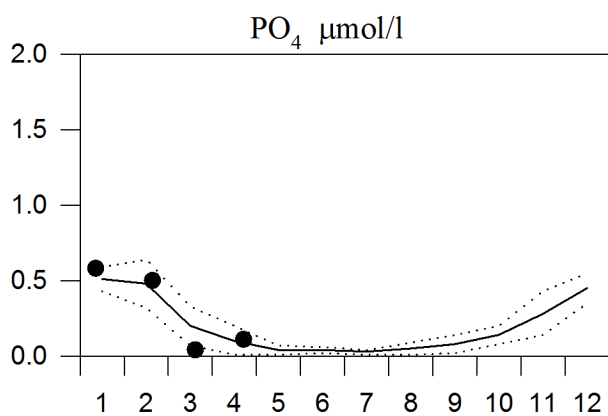
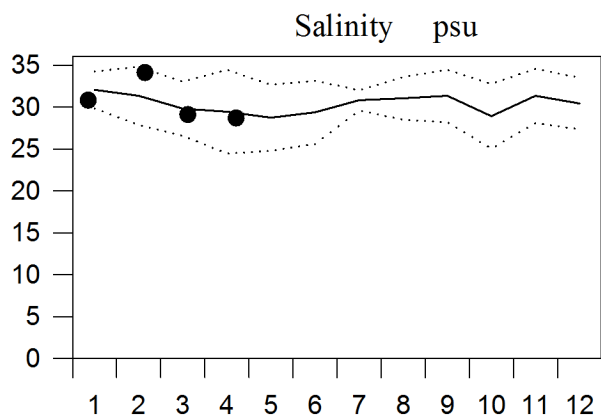
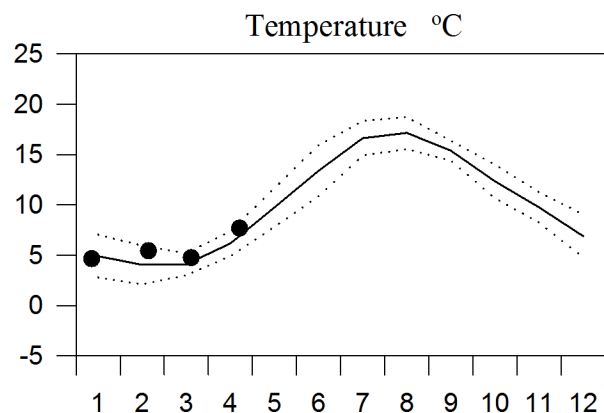
— Mean 1996-2010 St.Dev. ● 2016



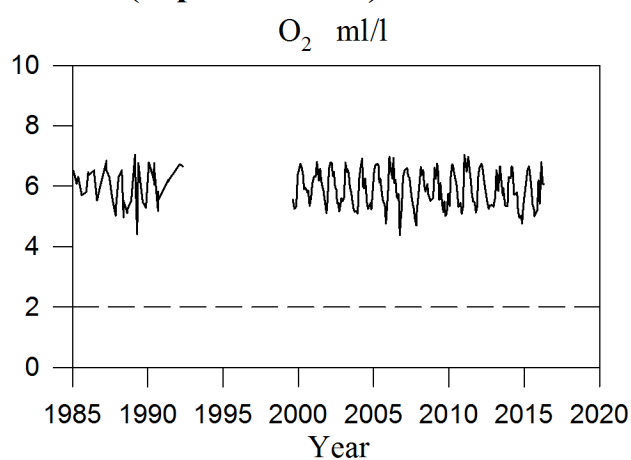
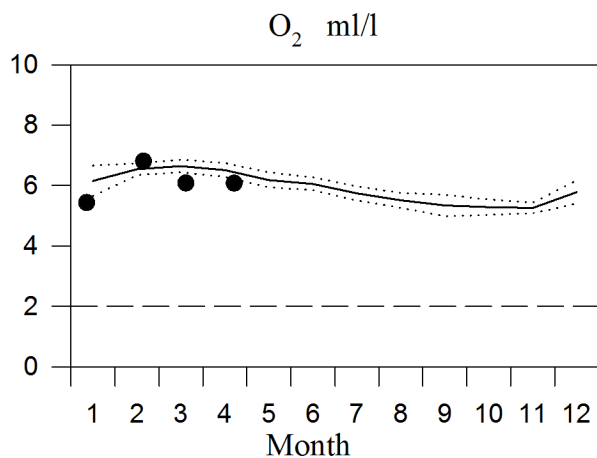
STATION Å15 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016



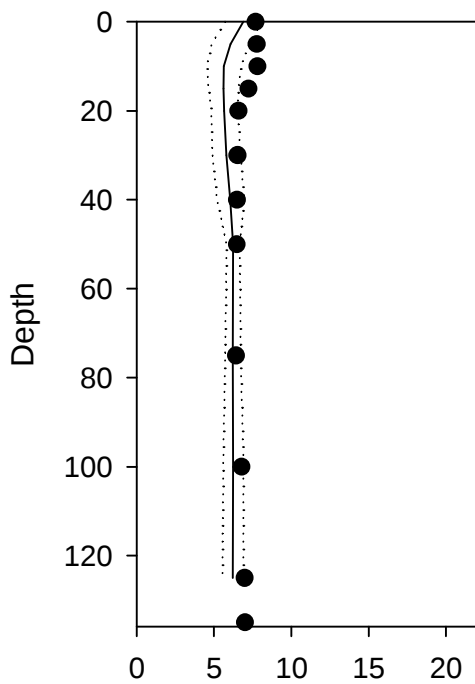
OXYGEN IN BOTTOM WATER (depth >=125m)



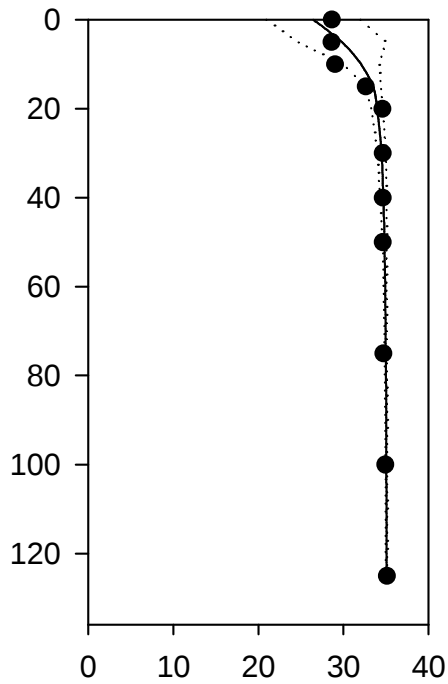
Vertical profiles Å15 April

— Mean 1996-2010 St.Dev. ● 2016

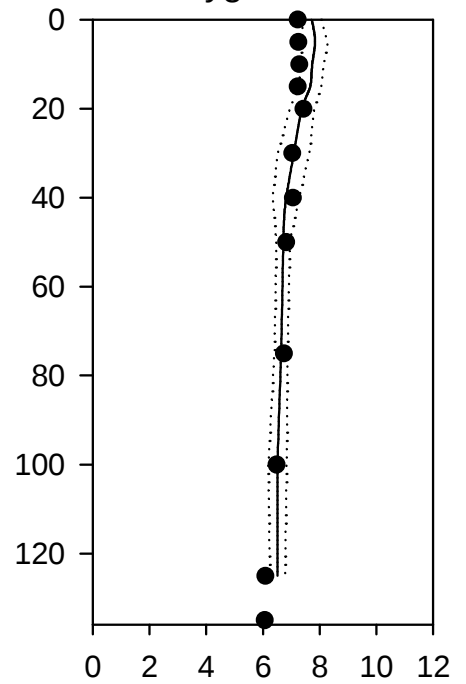
Temperature °C



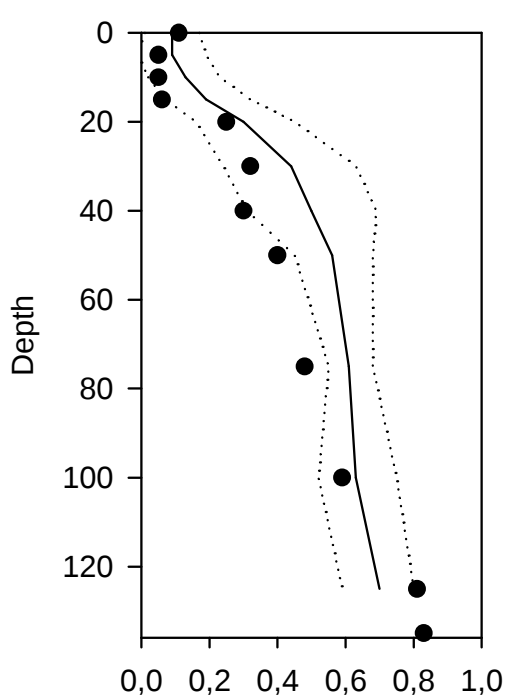
Salinity psu



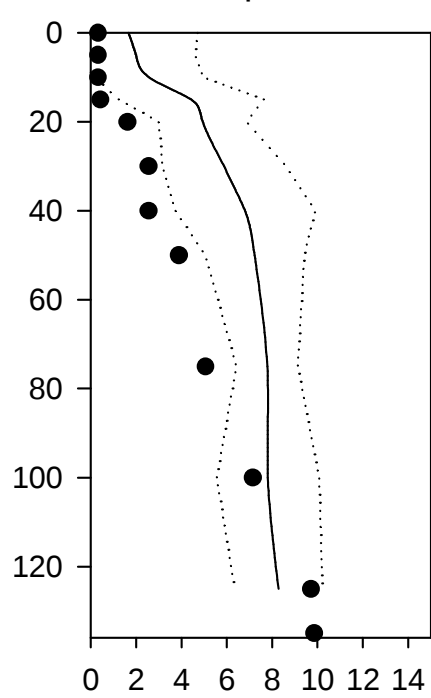
Oxygen ml/l



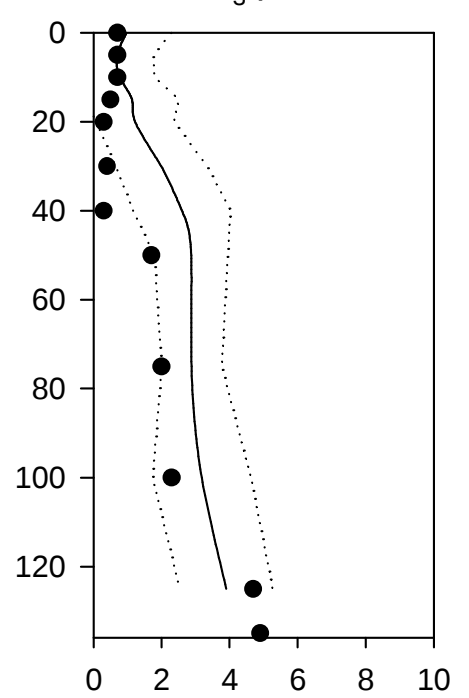
PO₄ µmol/l



DIN µmol/l



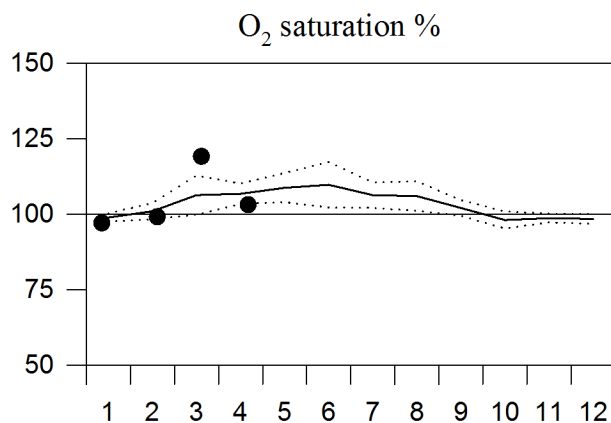
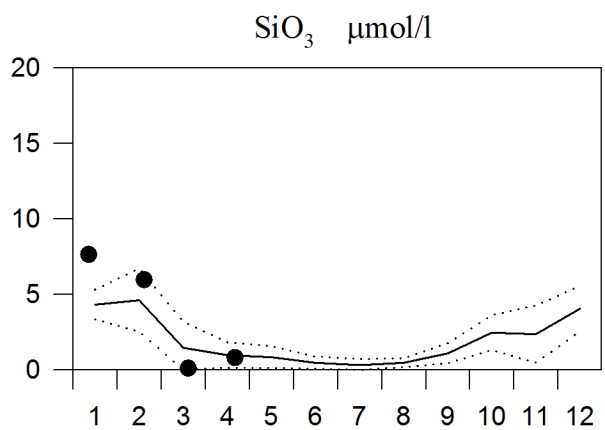
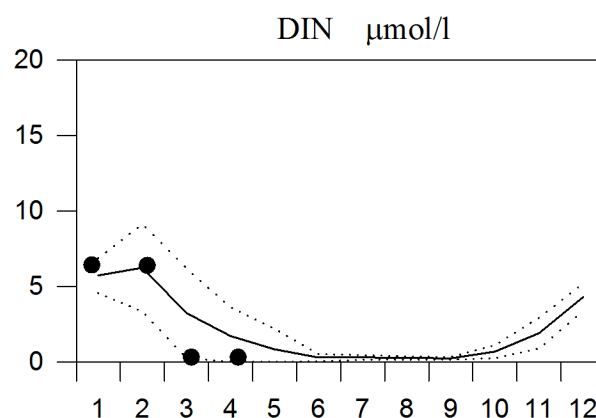
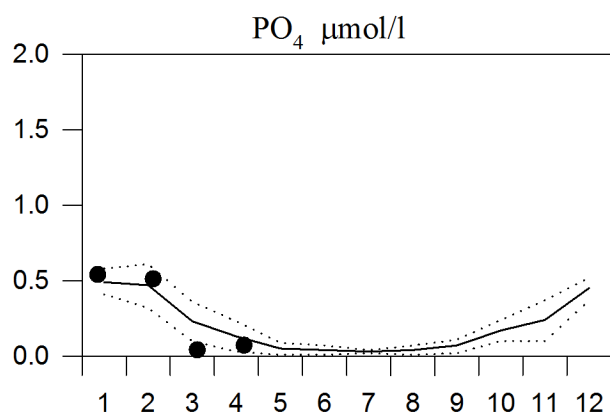
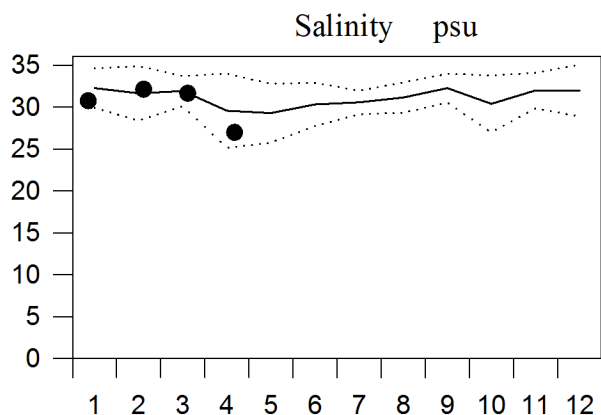
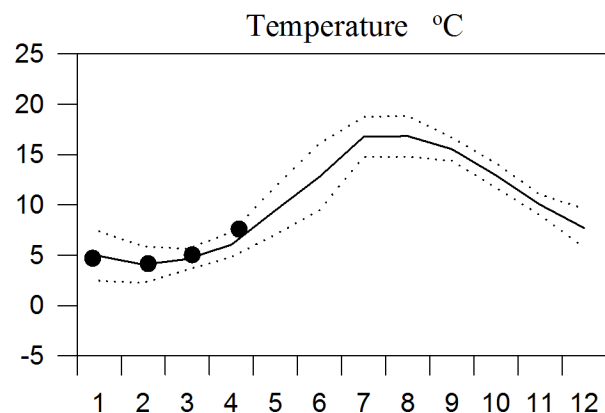
SiO₃ µmol/l



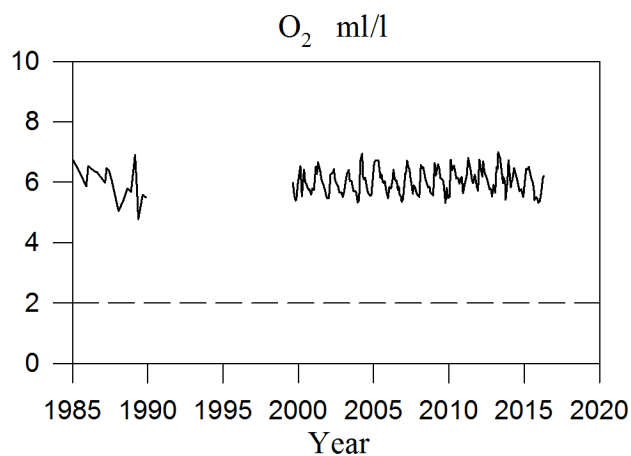
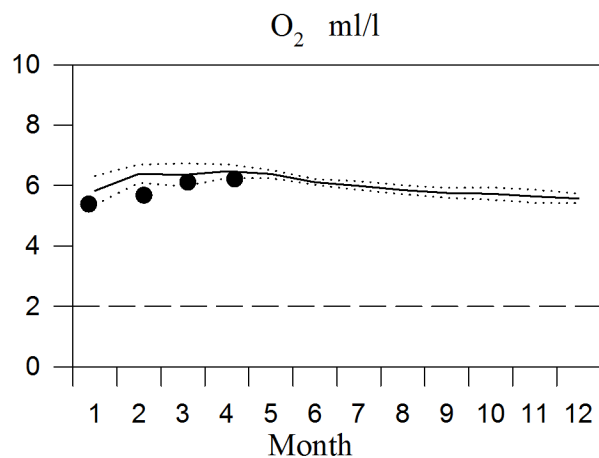
STATION Å17 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016

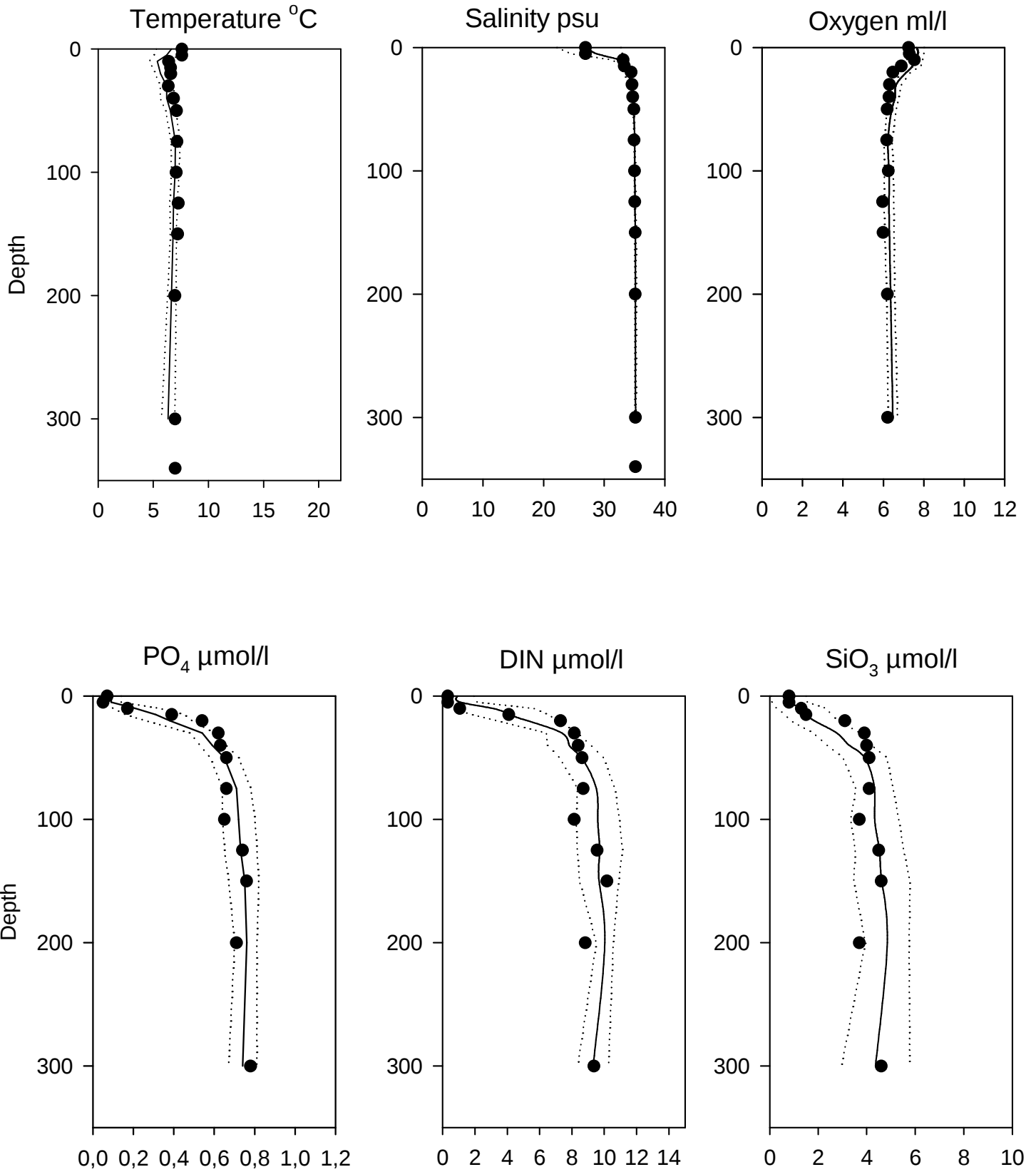


OXYGEN IN BOTTOM WATER (depth = 300m)



Vertical profiles Å17 April

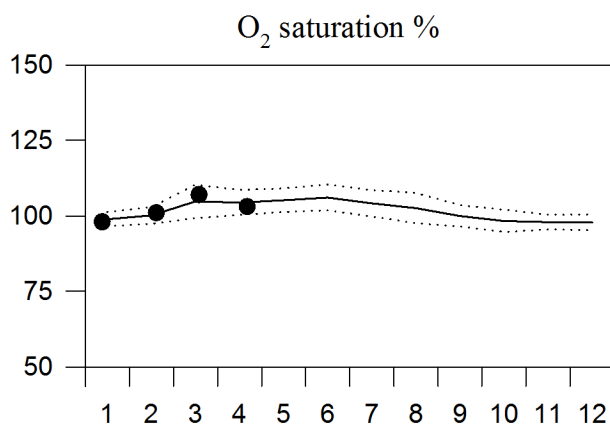
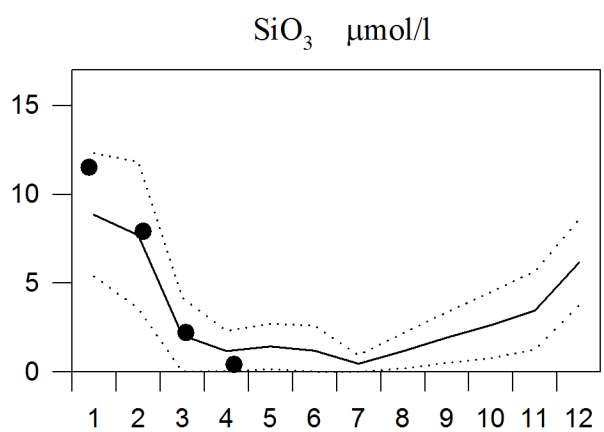
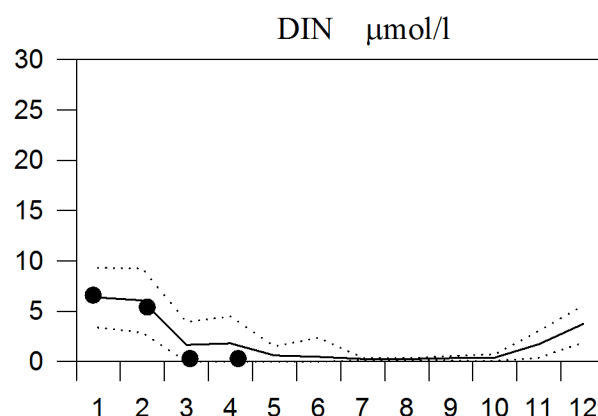
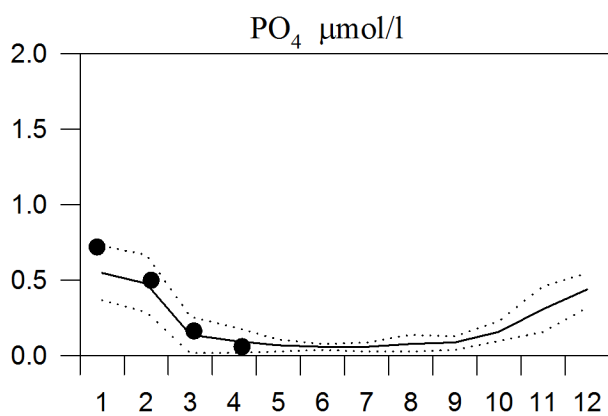
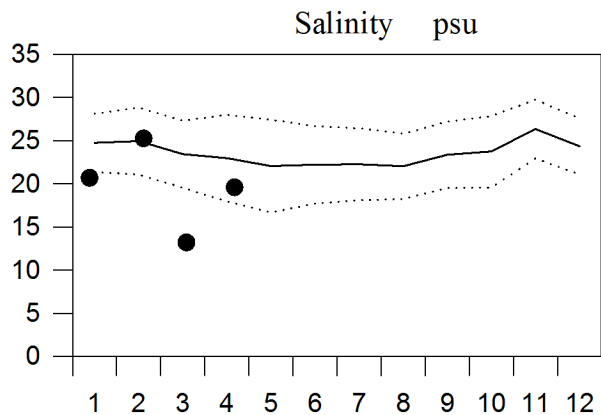
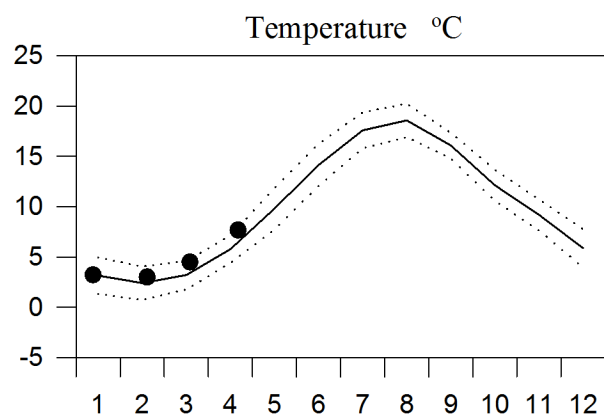
— Mean 1996-2010 St.Dev. ● 2016



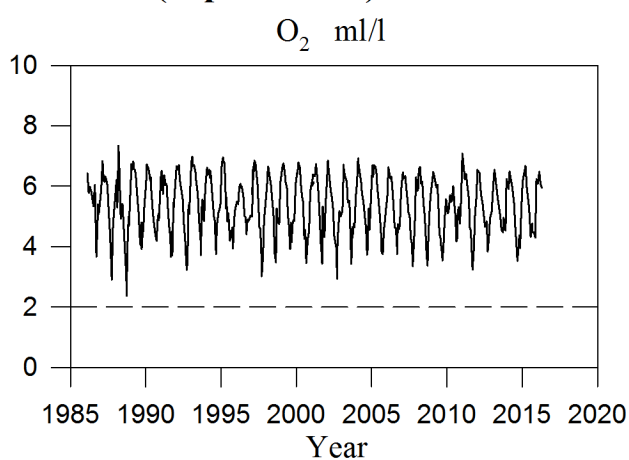
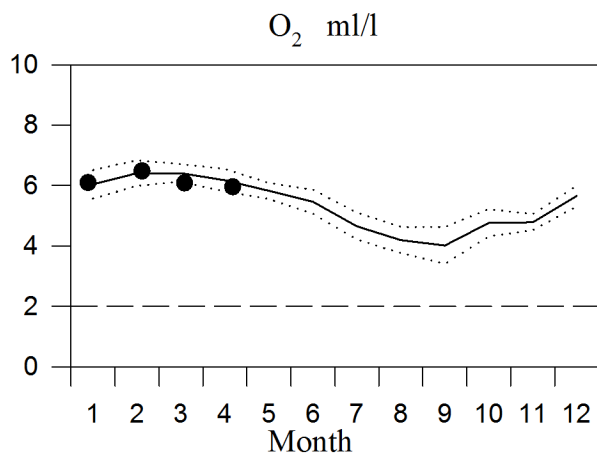
STATION FLADEN SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016

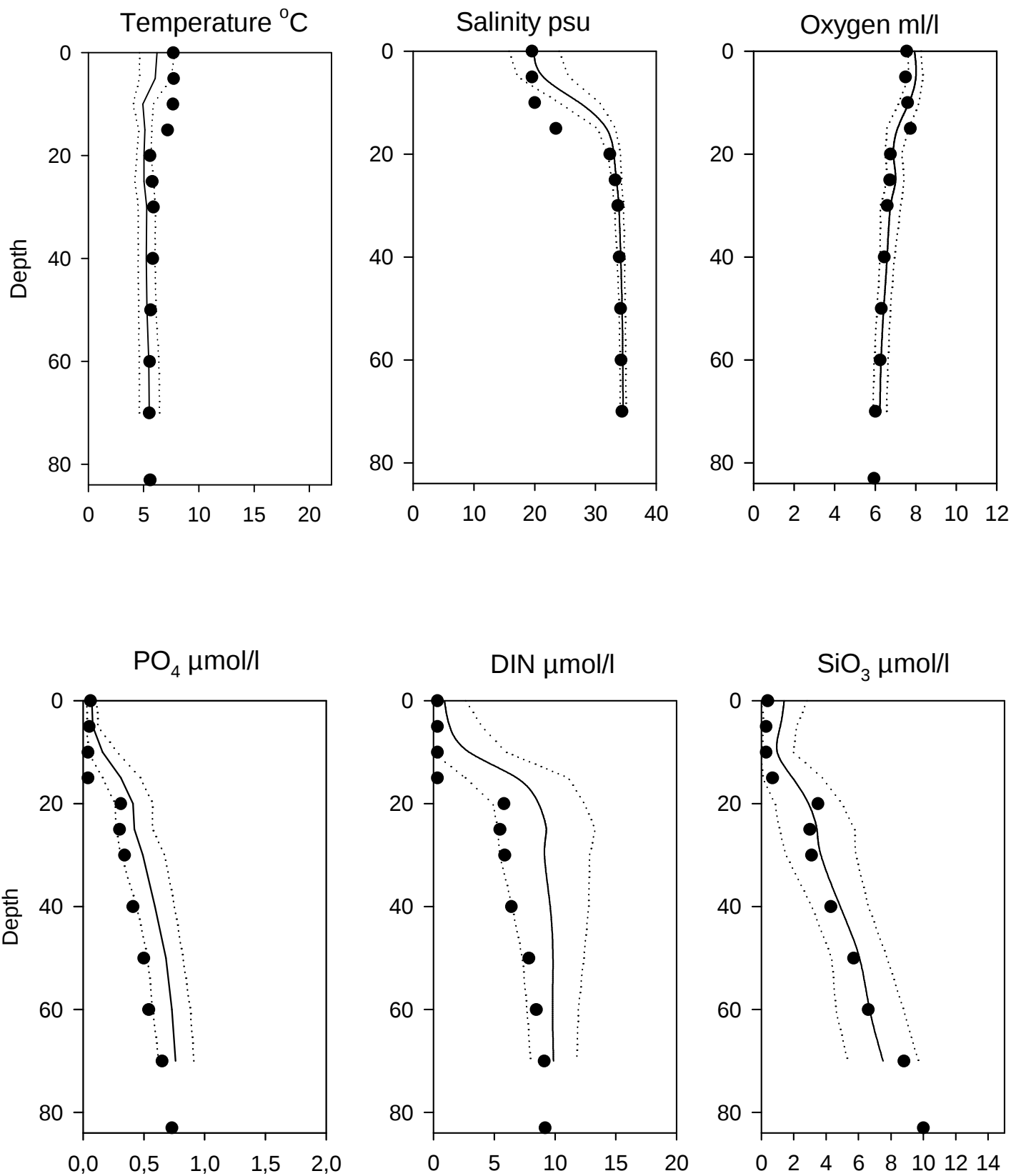


OXYGEN IN BOTTOM WATER (depth > 70m)



Vertical profiles Fladen April

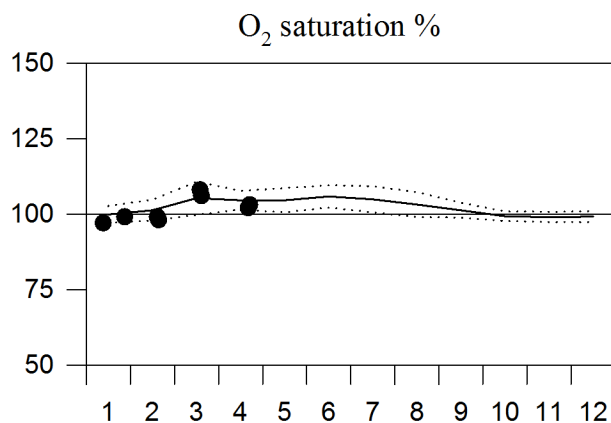
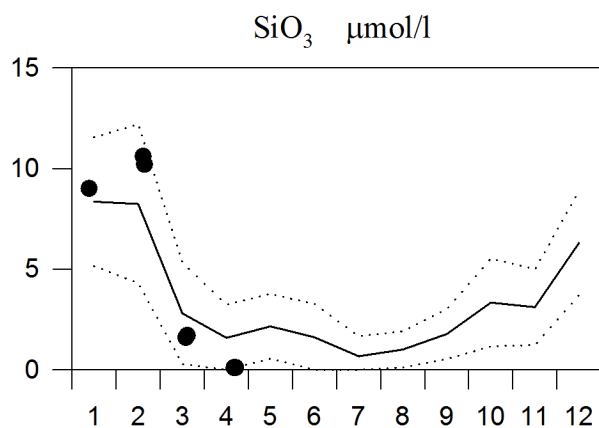
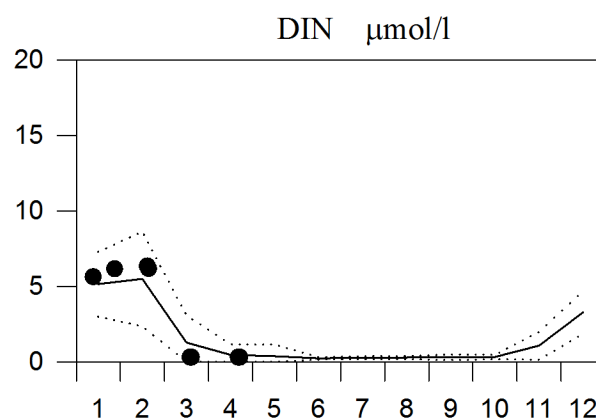
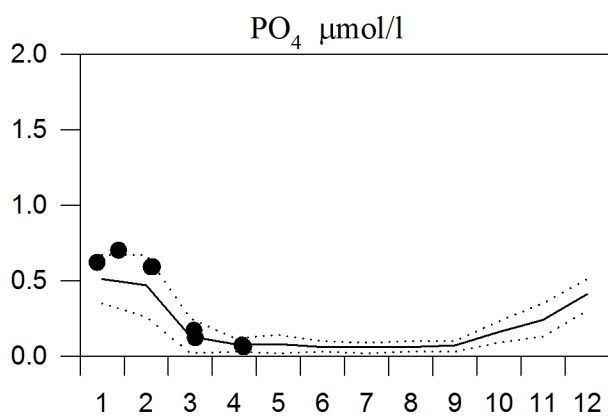
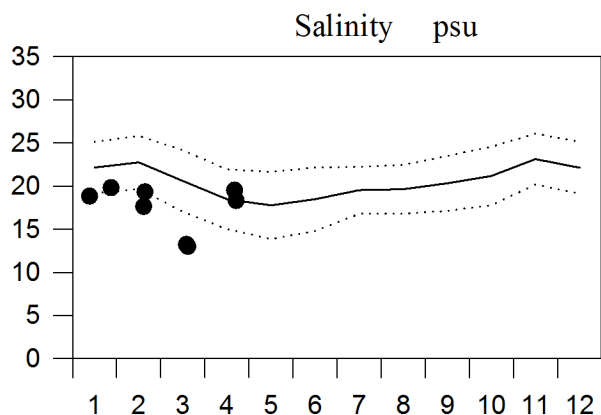
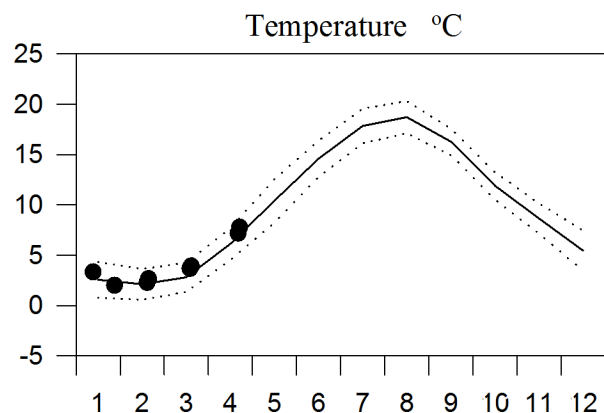
— Mean 1996-2010 St.Dev. ● 2016



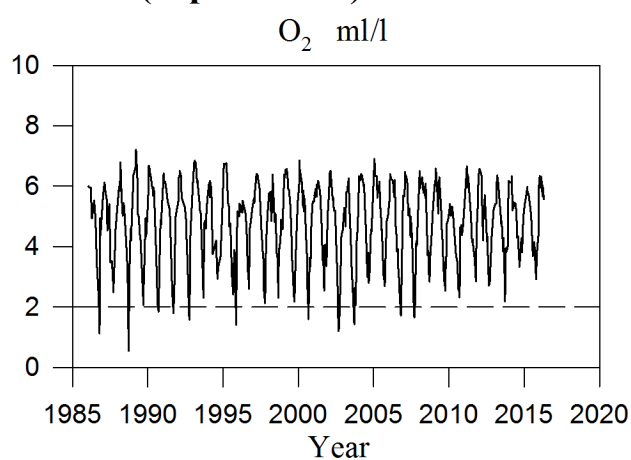
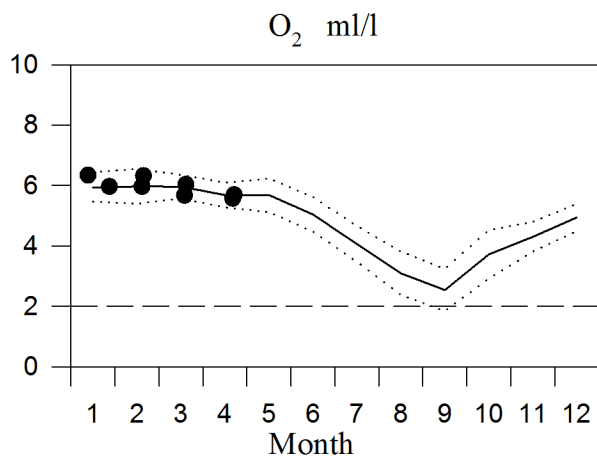
STATION ANHOLT E SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016

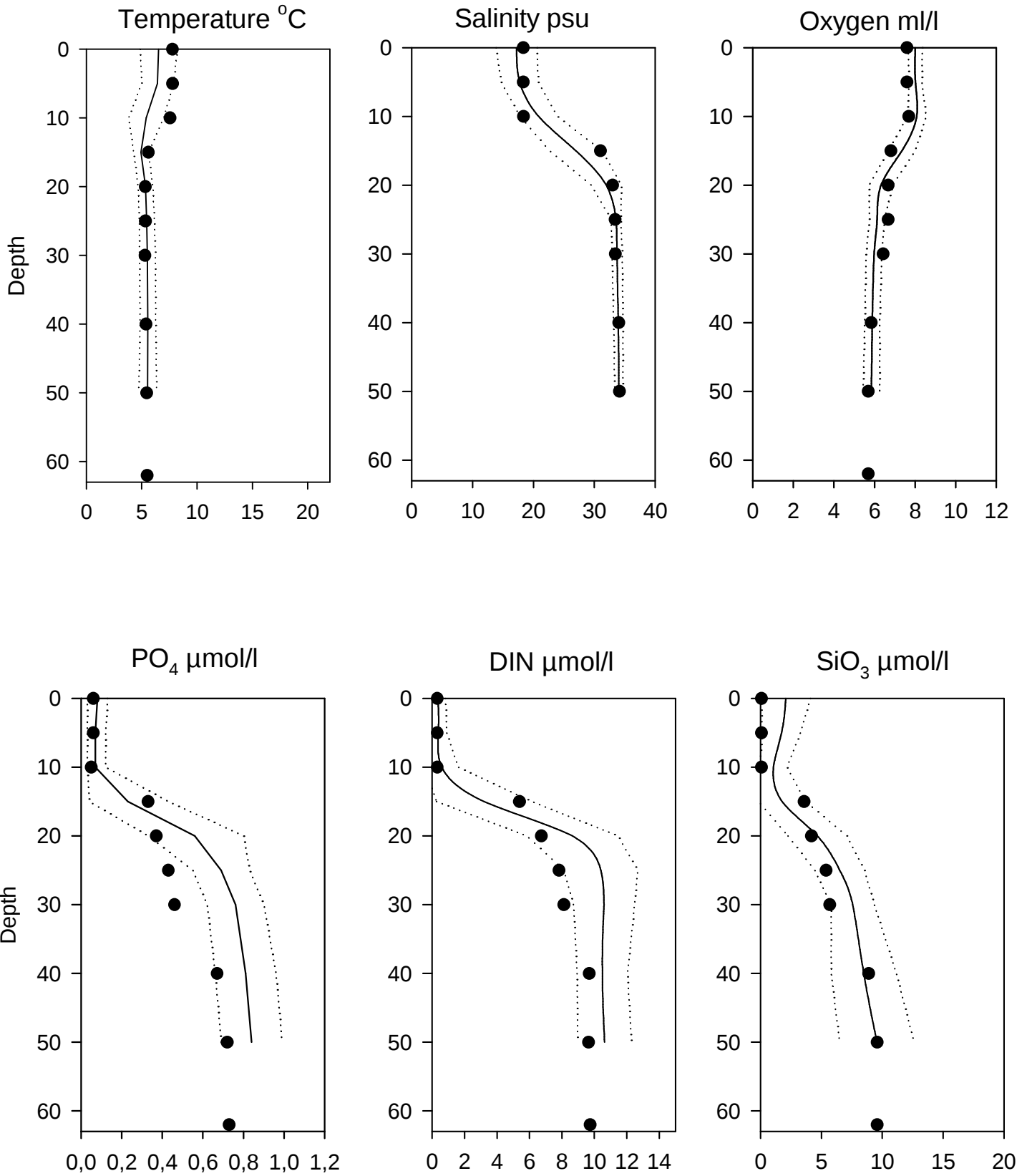


OXYGEN IN BOTTOM WATER (depth > 50m)



Vertical profiles Anholt E April

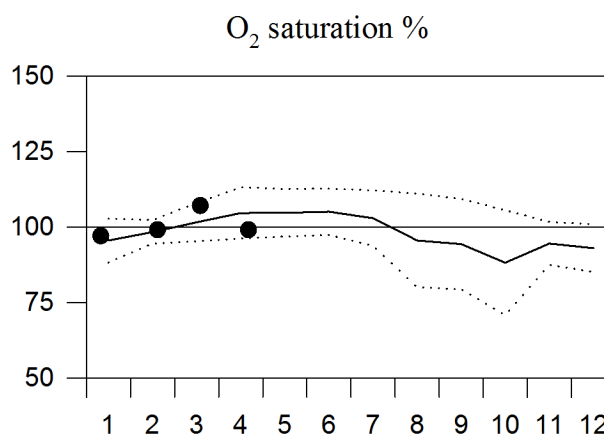
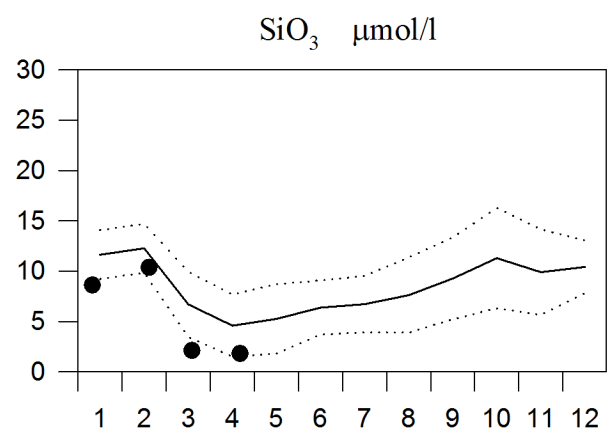
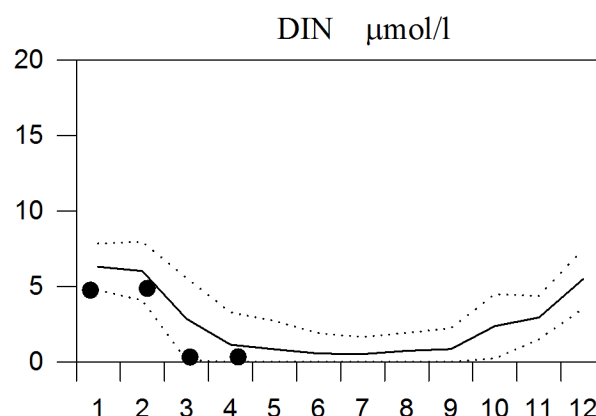
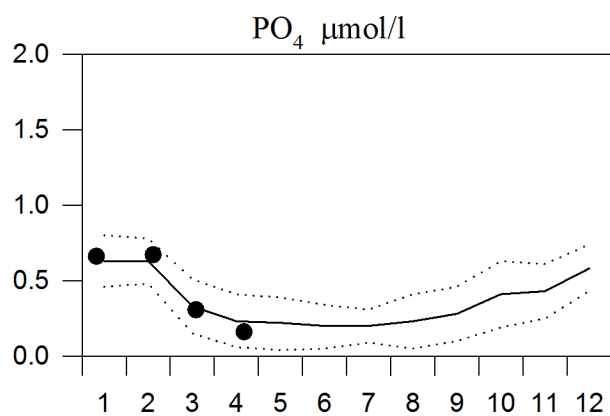
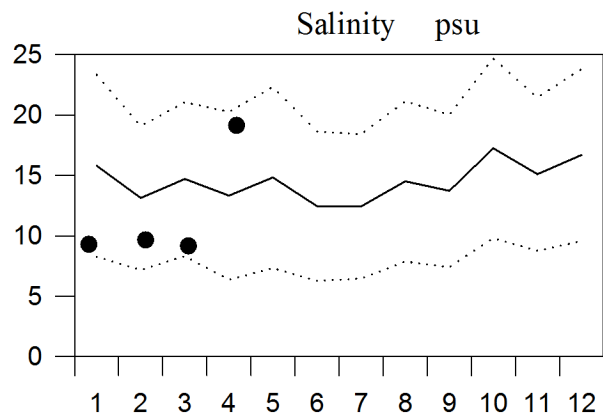
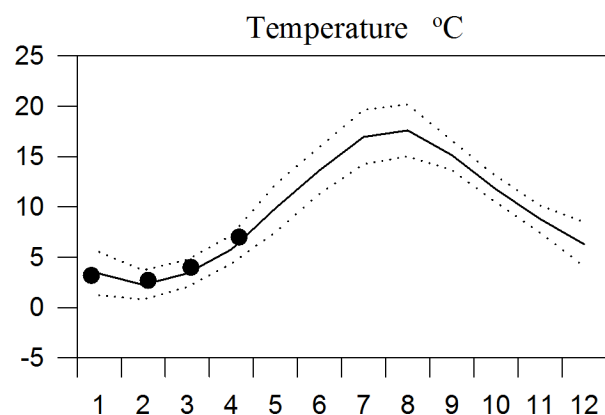
— Mean 1996-2010 St.Dev. ● 2016



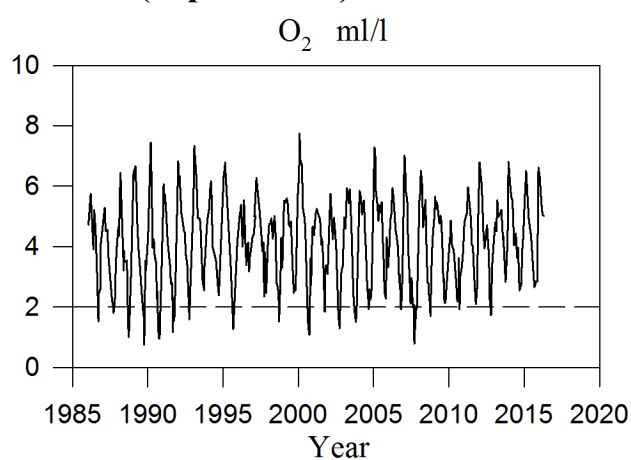
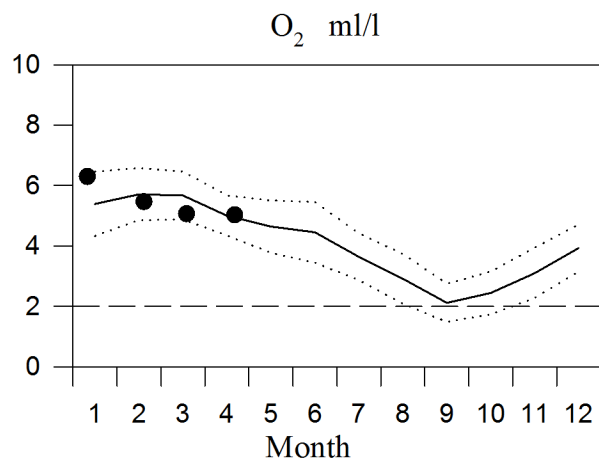
STATION W LANDSKRONA SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016

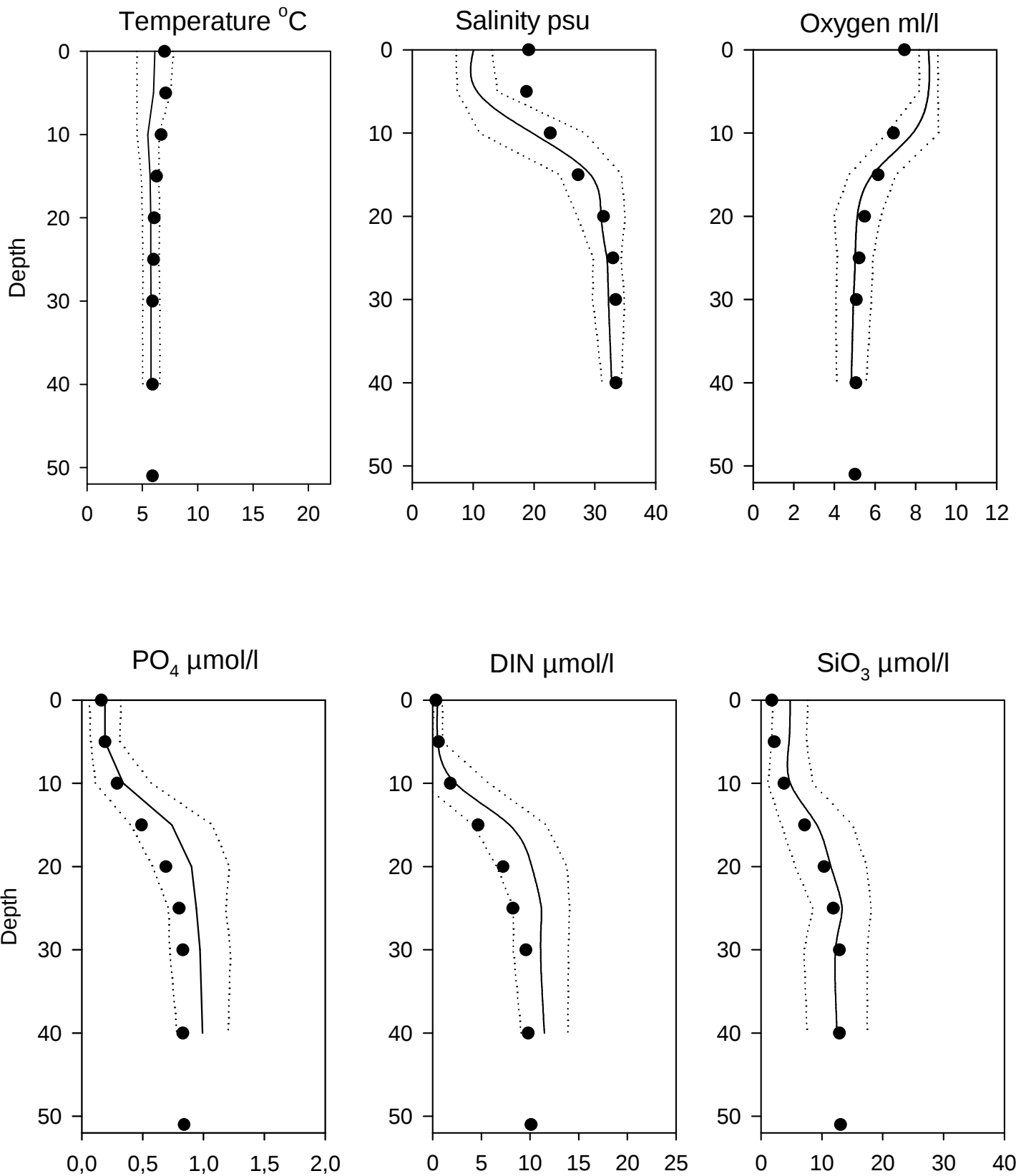


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles W Landskrona April

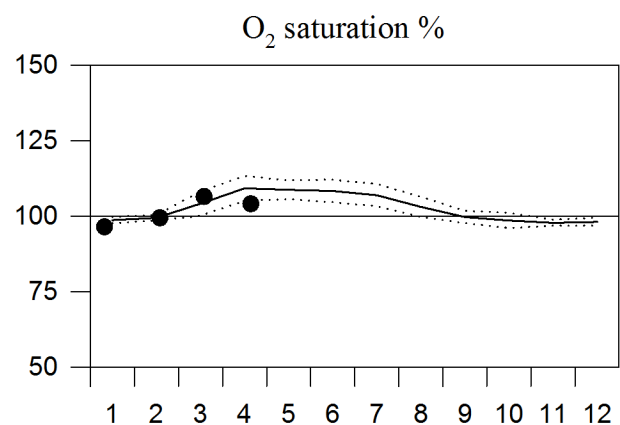
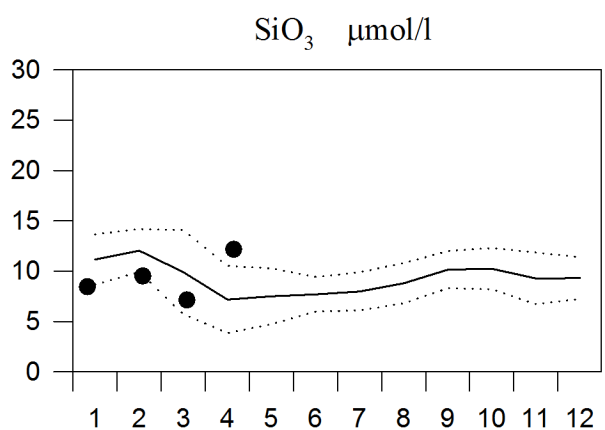
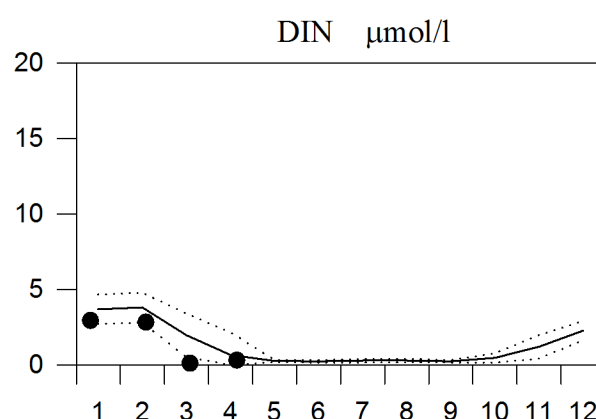
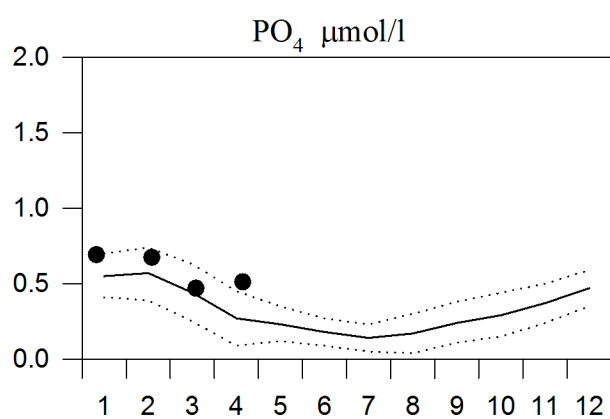
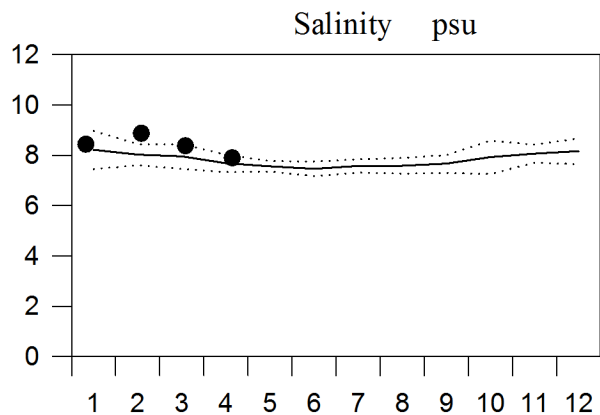
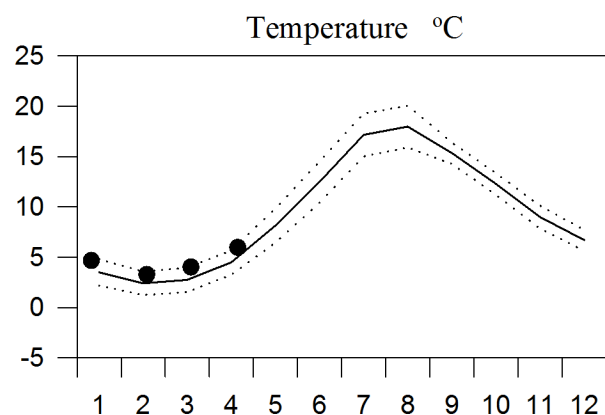
— Mean 1996-2010 St.Dev. ● 2016



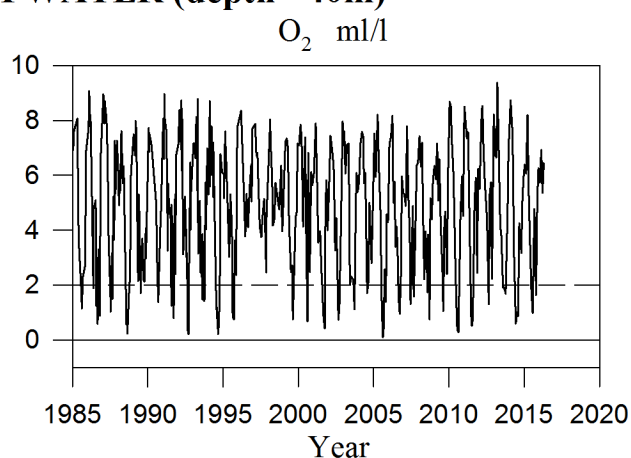
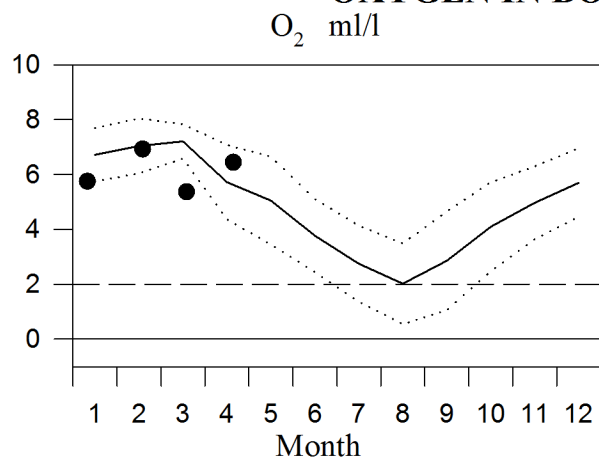
STATION BY1 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016

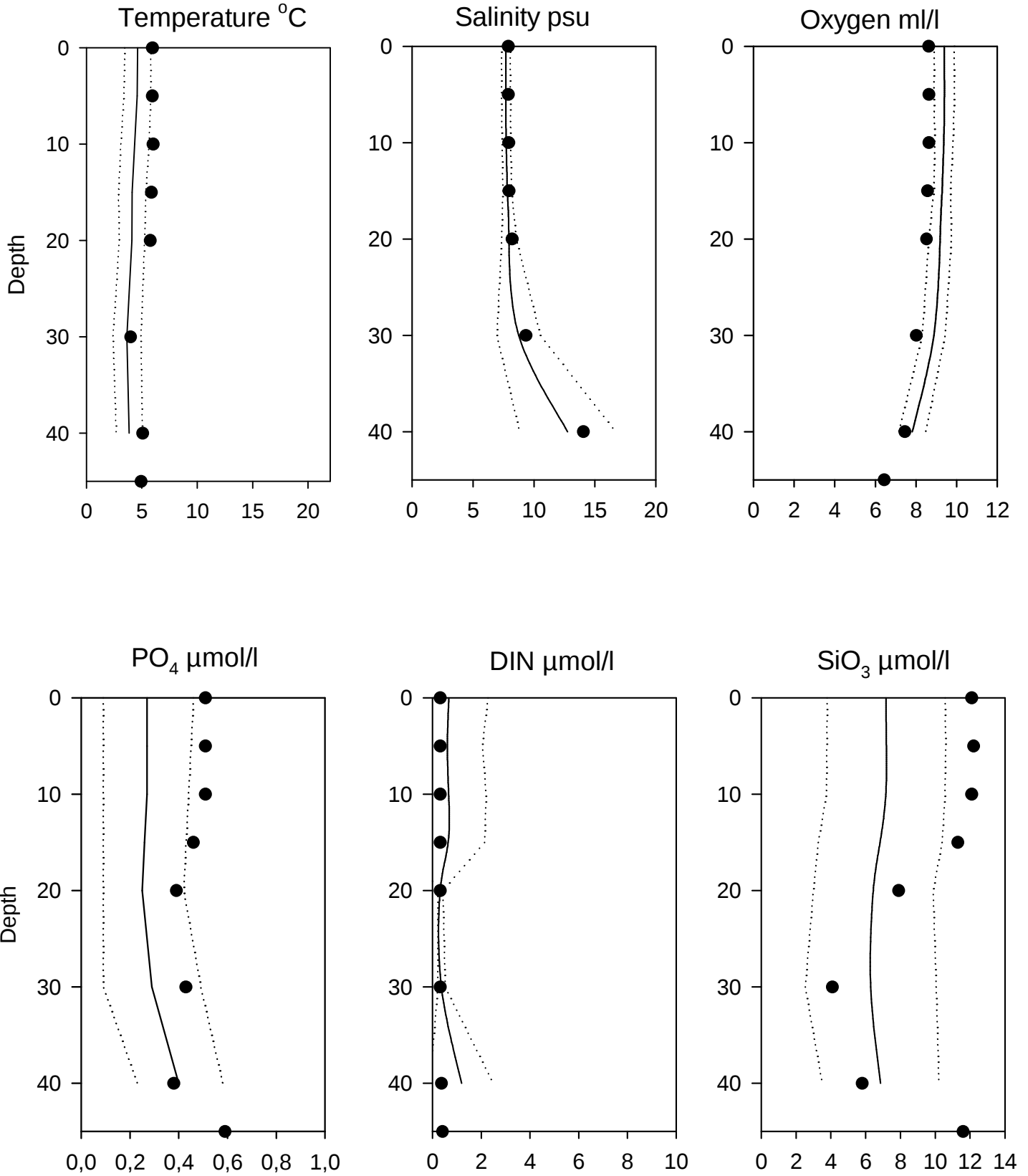


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles BY1 April

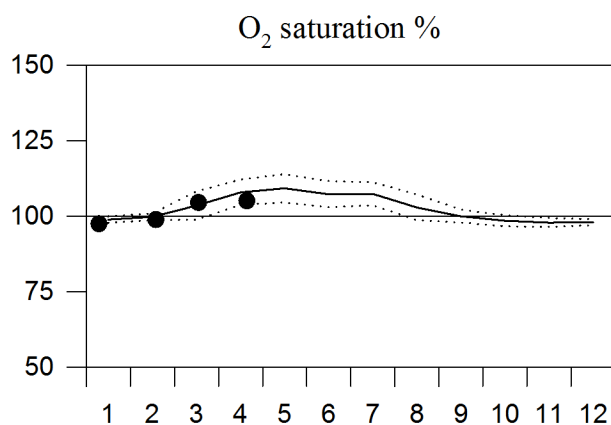
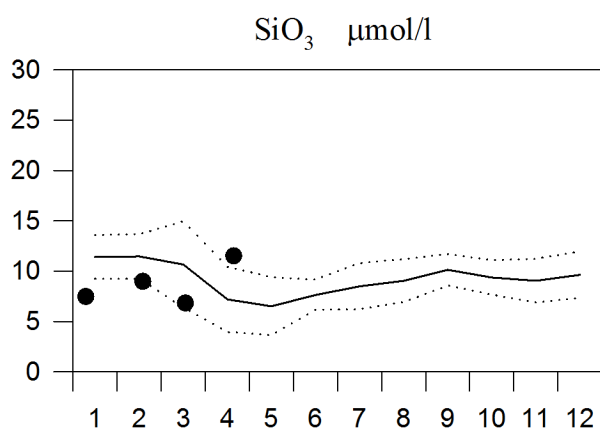
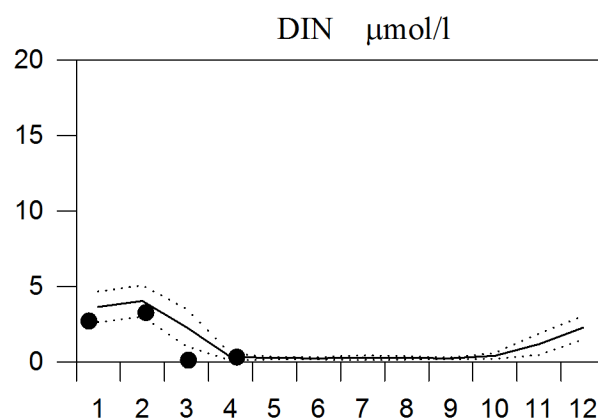
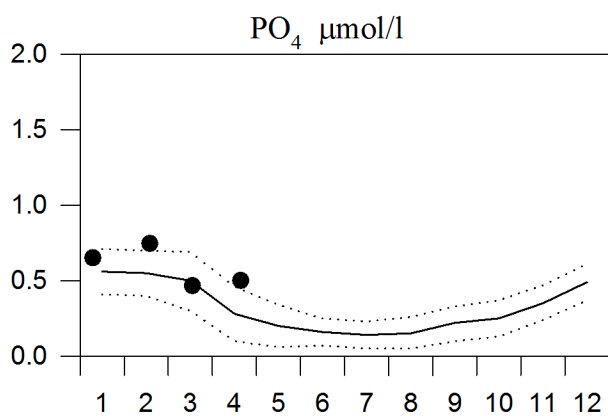
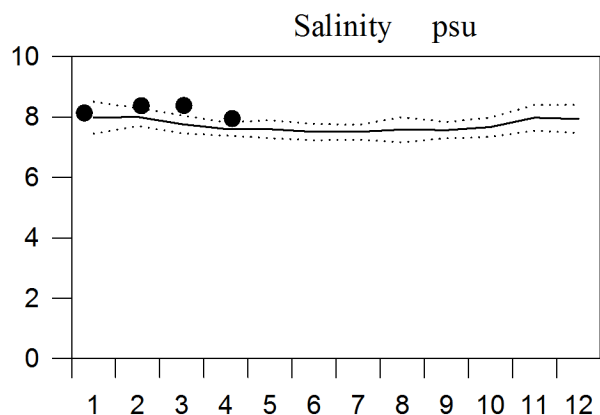
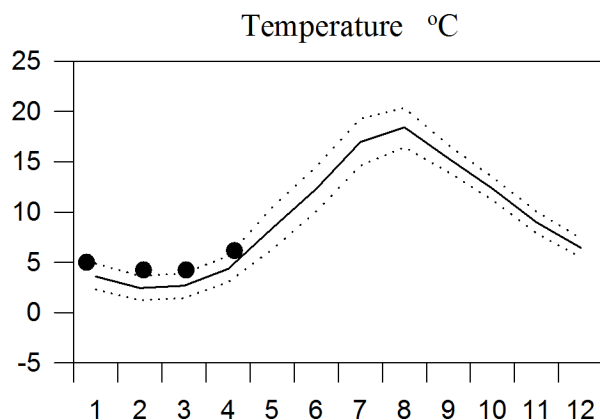
— Mean 1996-2010 St.Dev. ● 2016



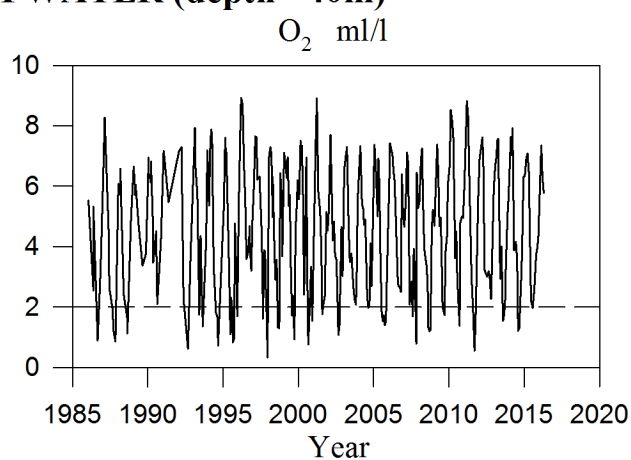
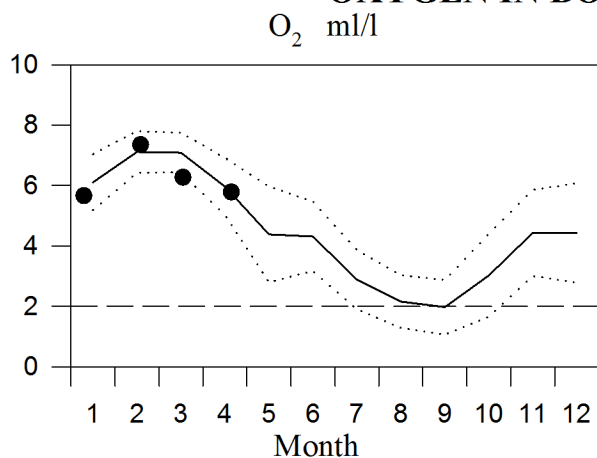
STATION BY2 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016

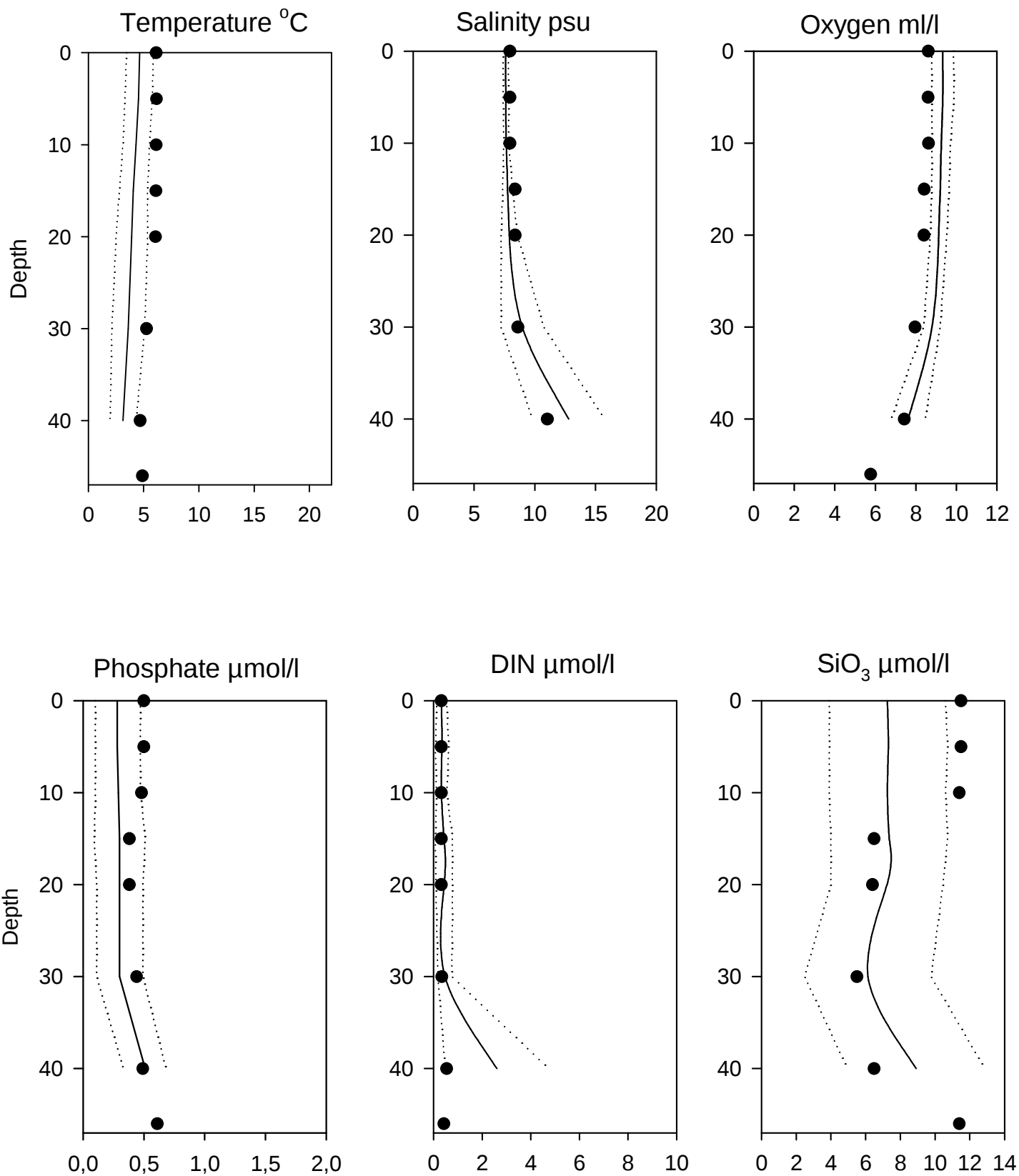


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles BY2 April

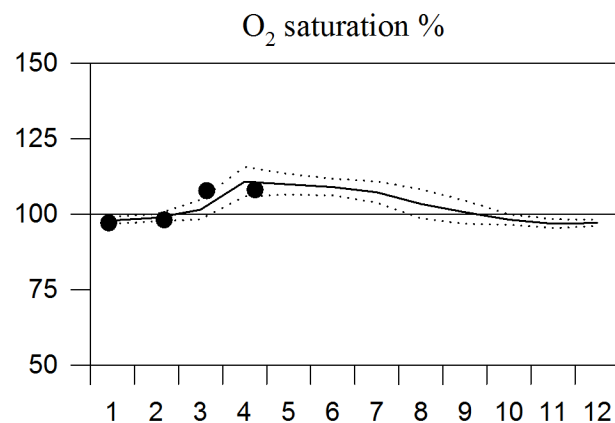
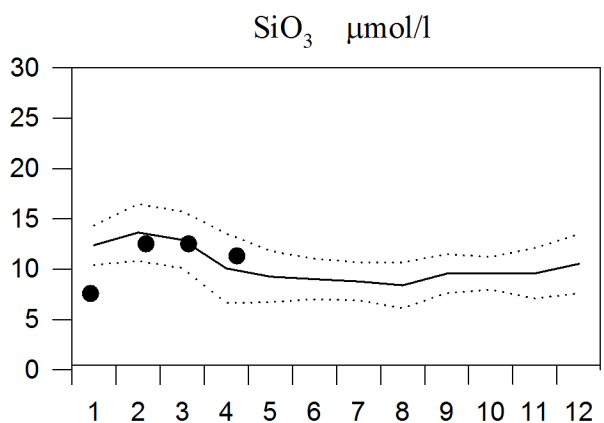
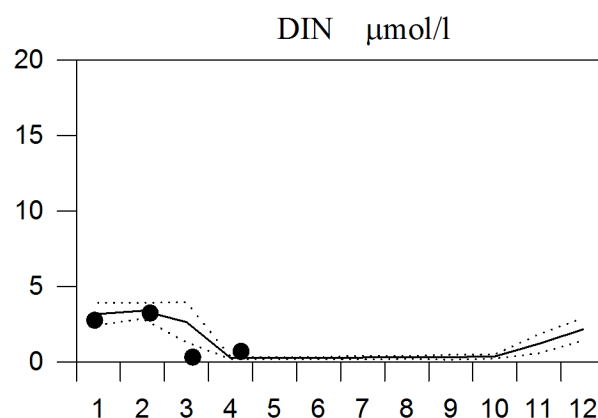
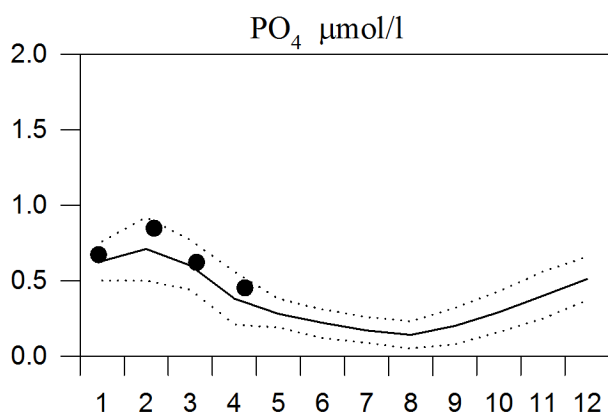
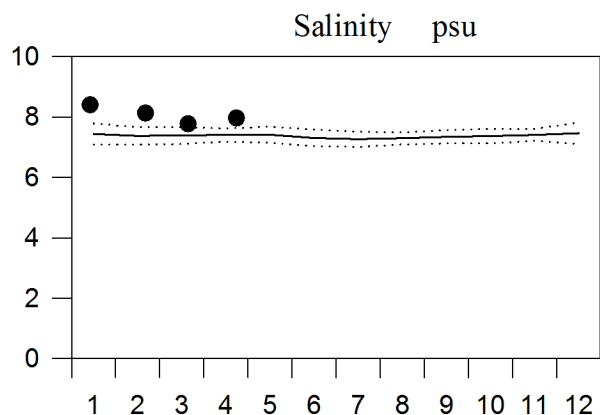
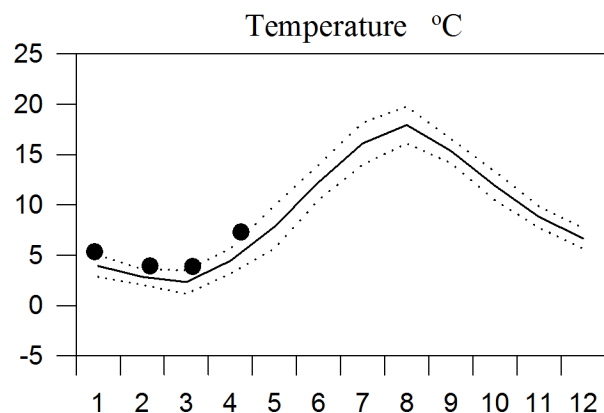
— Mean 1996-2010 St.Dev. ● 2016



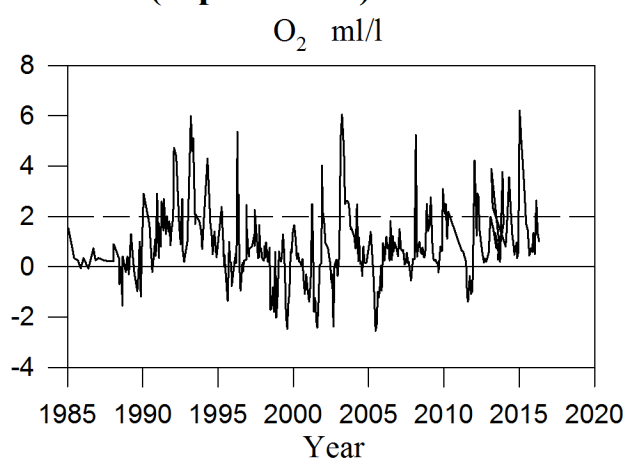
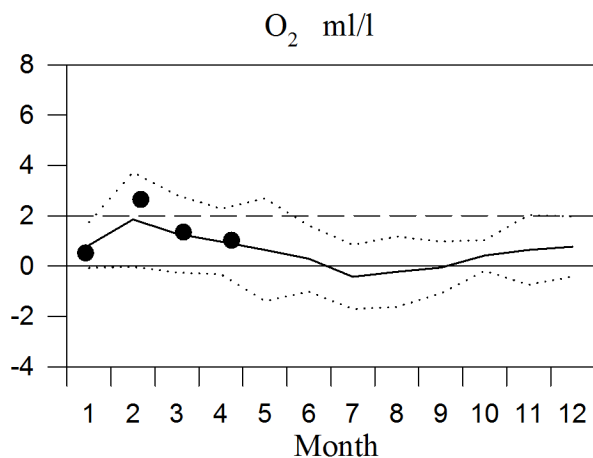
STATION HANÖBUKTEN SURFACE WATER

Annual Cycles

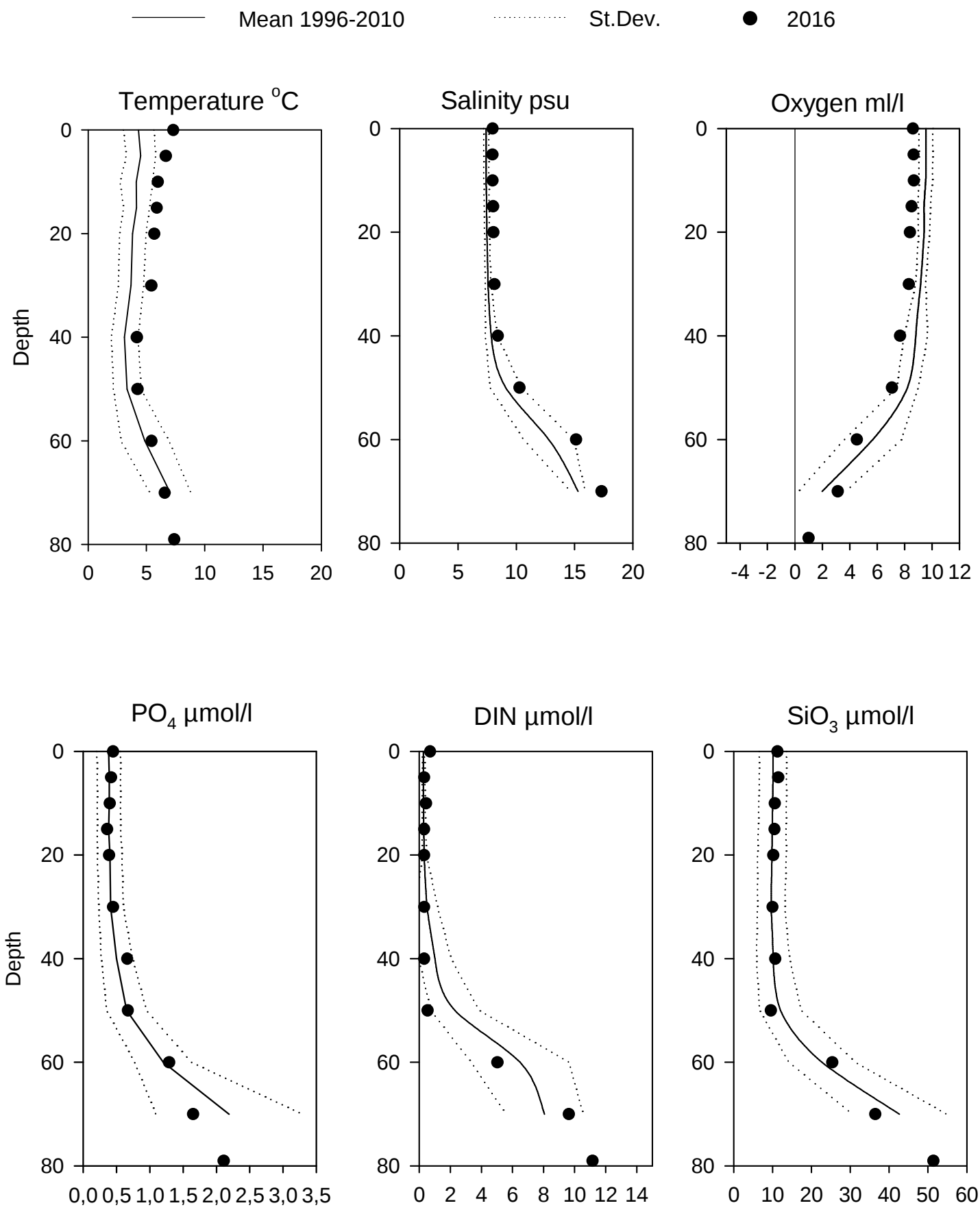
— Mean 1996-2010 St.Dev. ● 2016



OXYGEN IN BOTTOM WATER (depth > 70m)



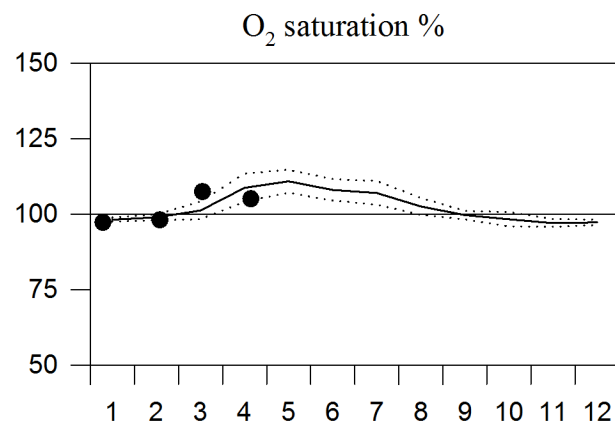
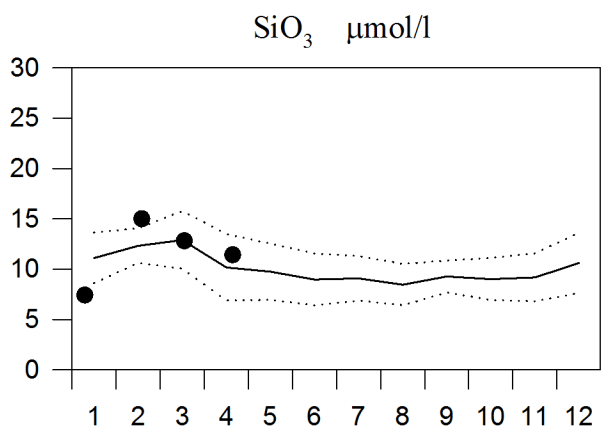
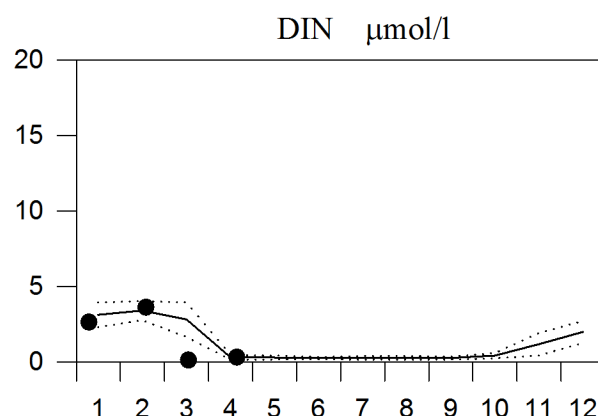
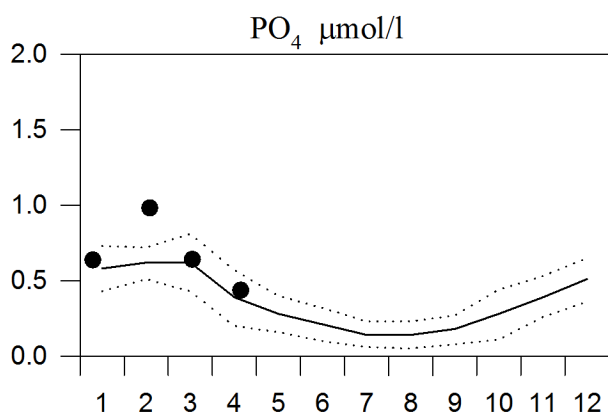
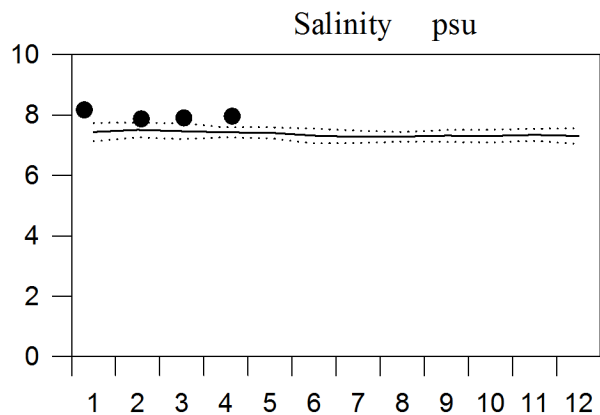
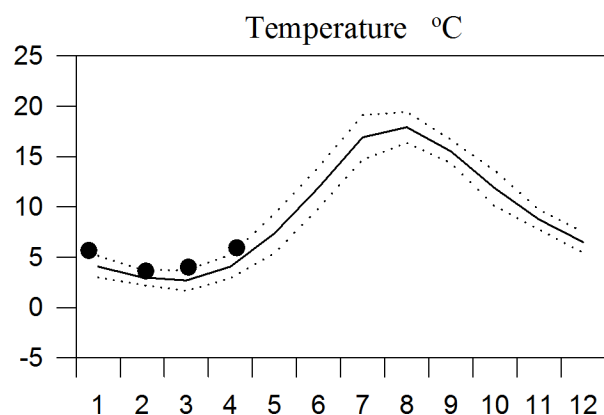
Vertical profiles Hanöbukten April



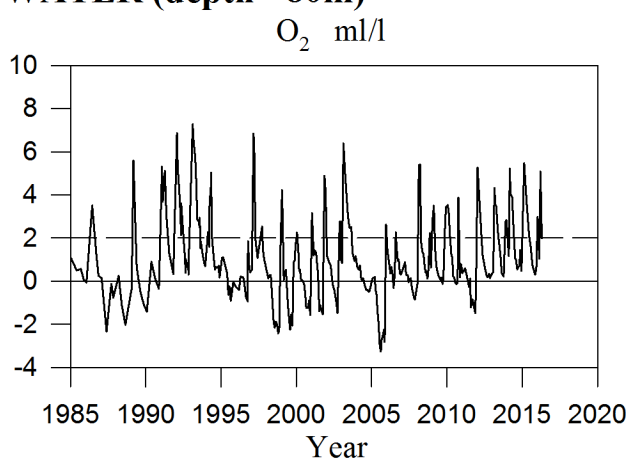
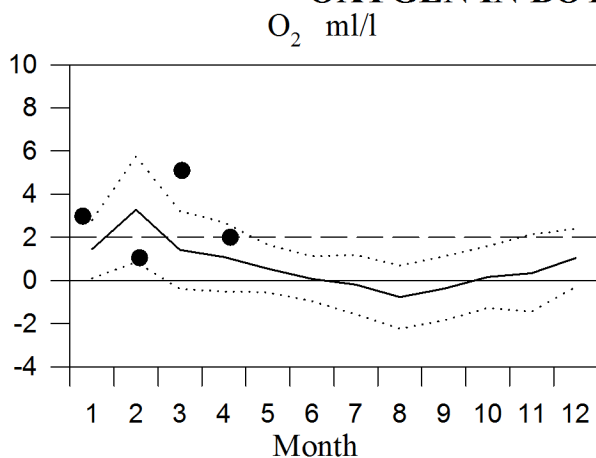
STATION BY4 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016

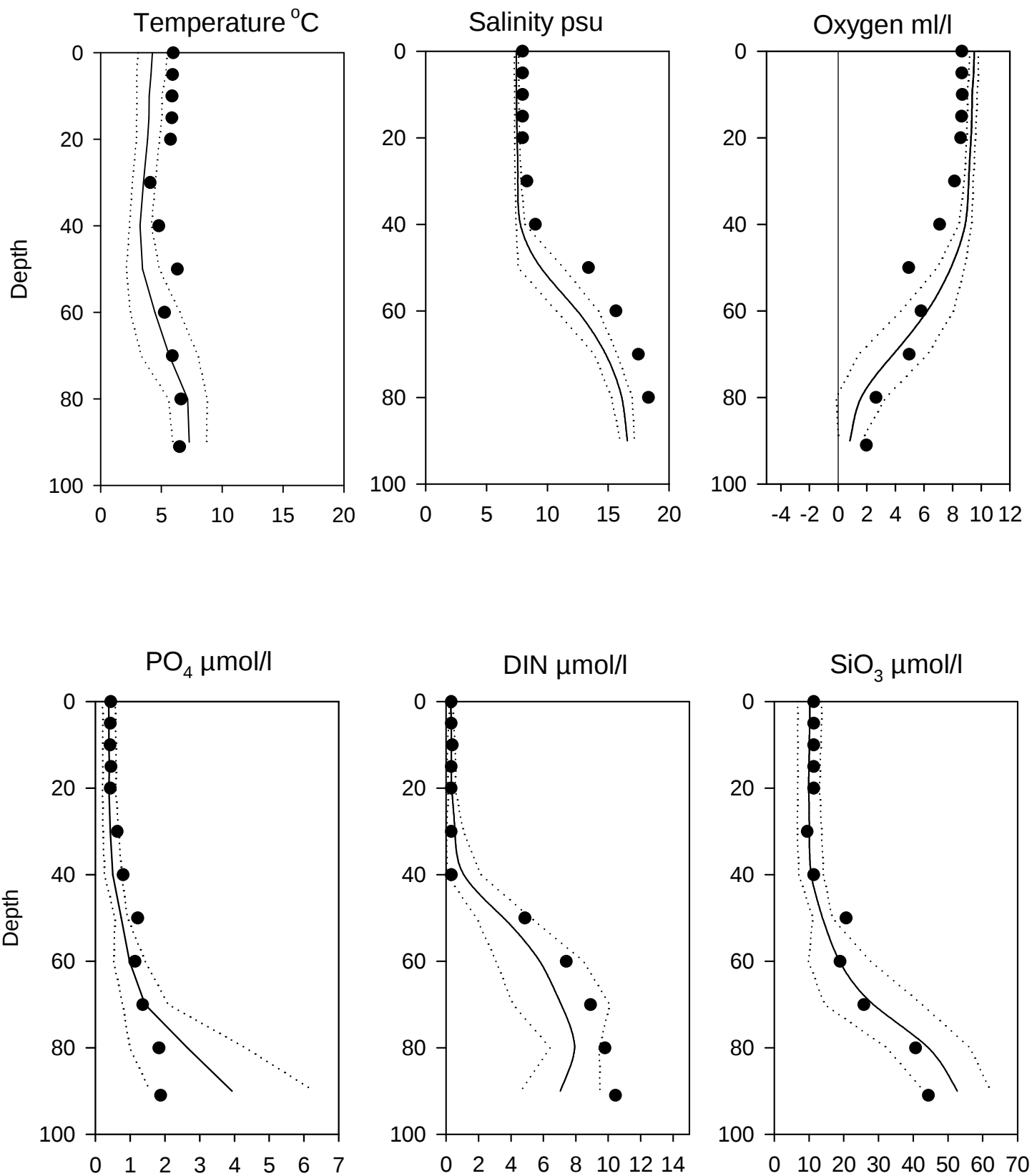


OXYGEN IN BOTTOM WATER (depth >80m)



Vertical profiles BY4 April

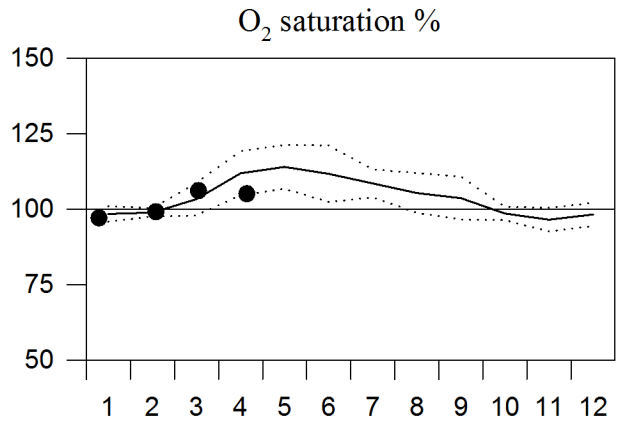
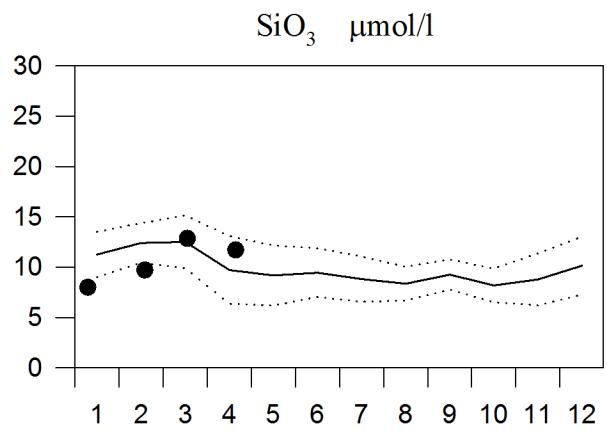
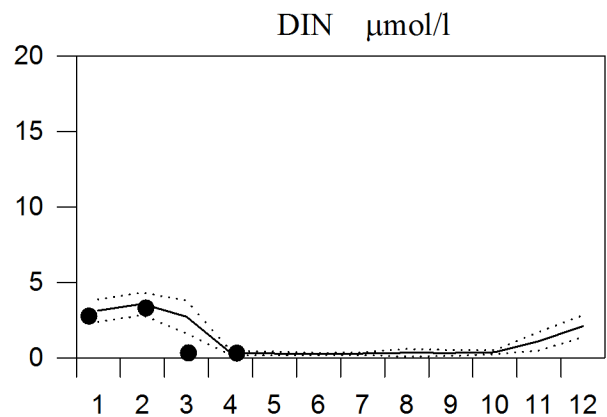
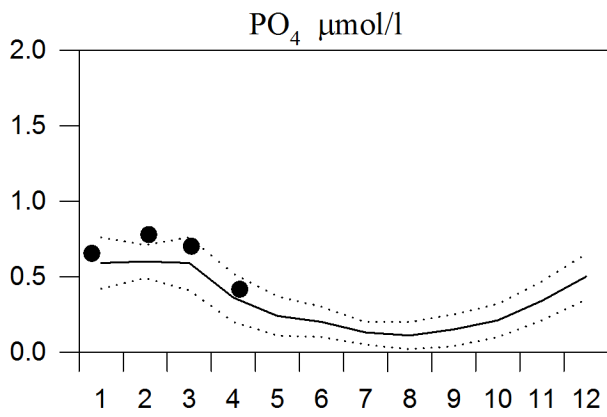
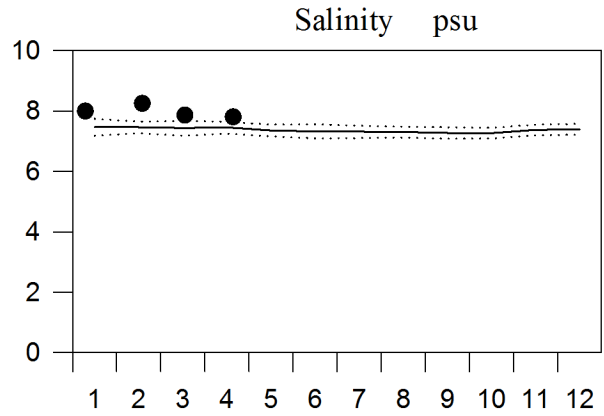
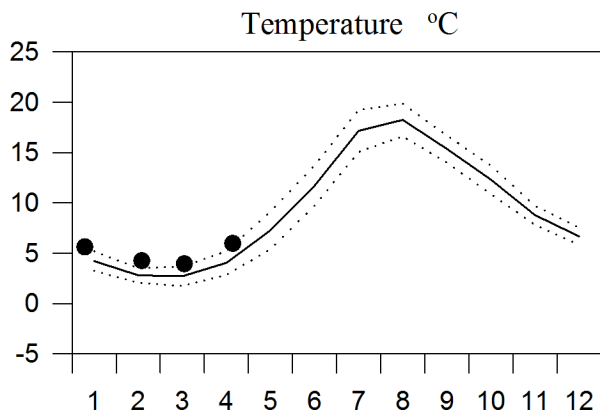
— Mean 1996-2010 St.Dev. ● 2016



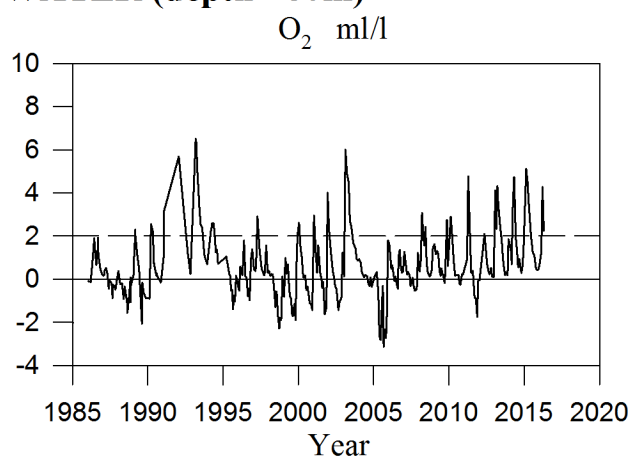
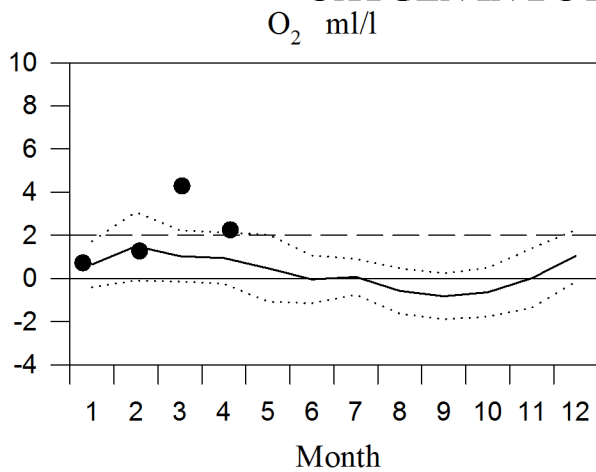
STATION BY5 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016

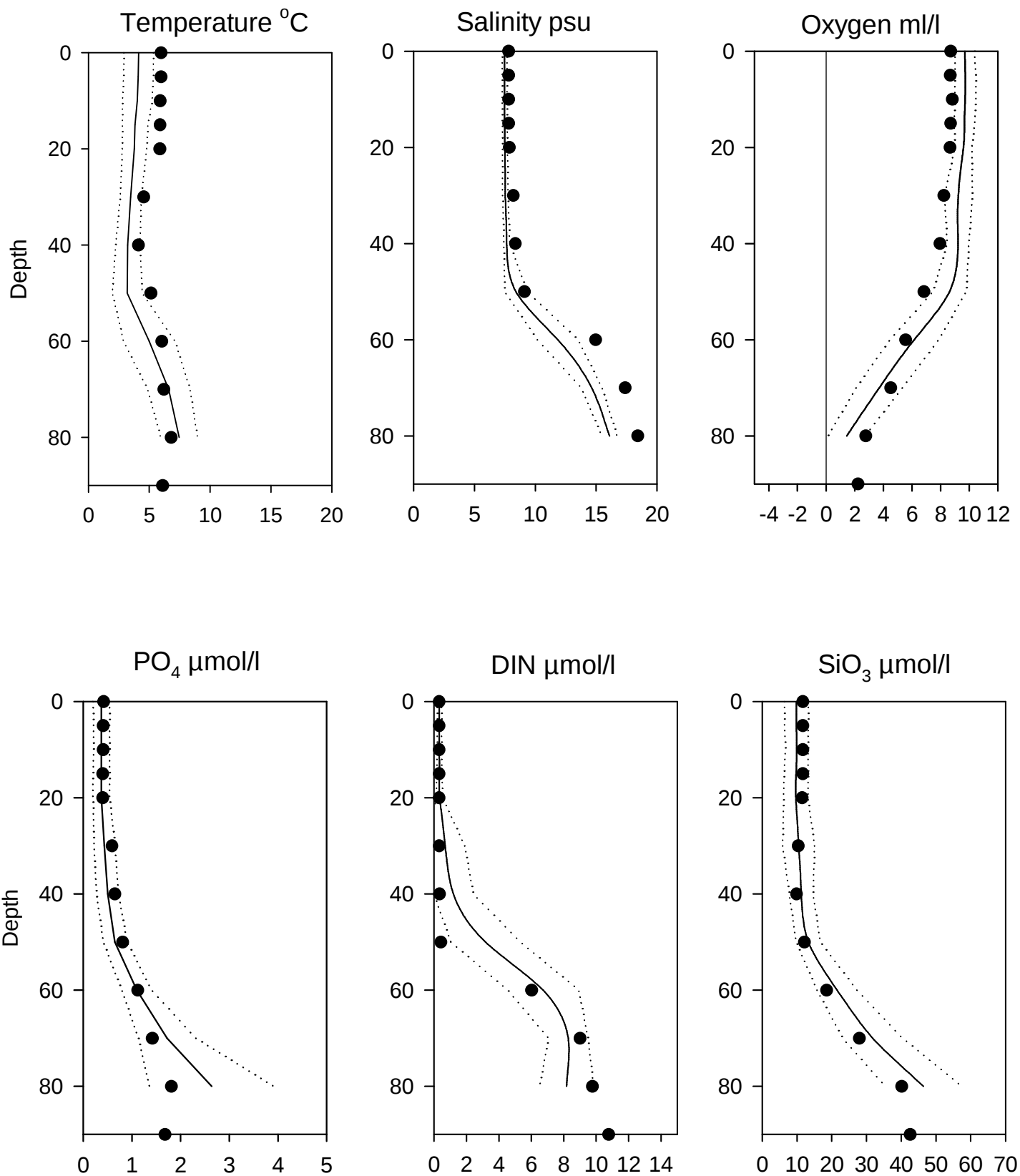


OXYGEN IN BOTTOM WATER (depth >80m)



Vertical profiles BY5 April

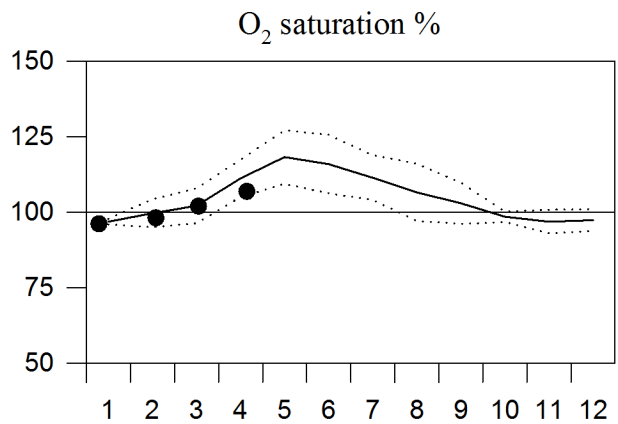
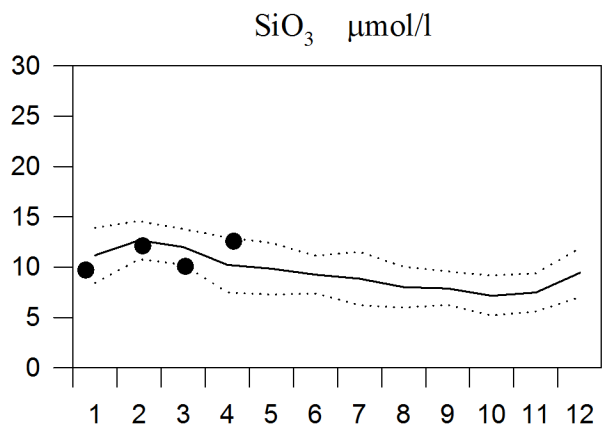
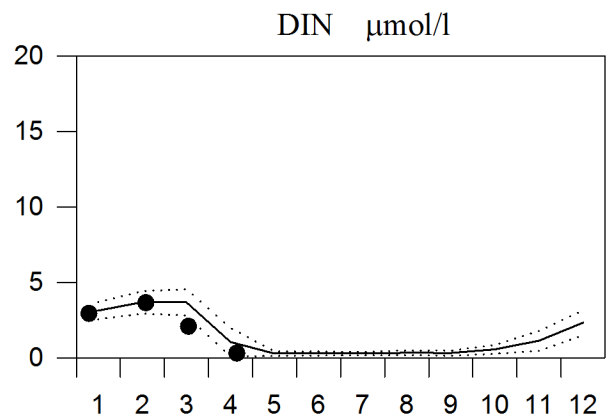
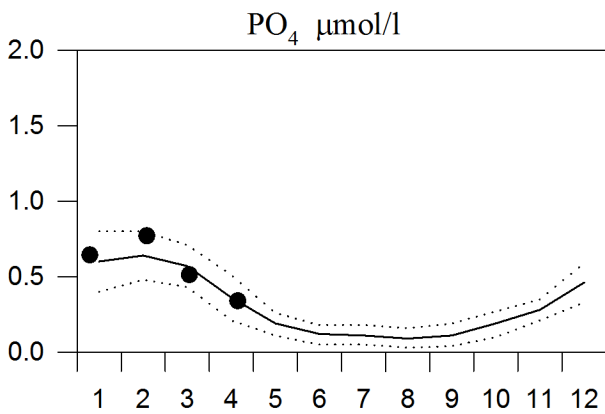
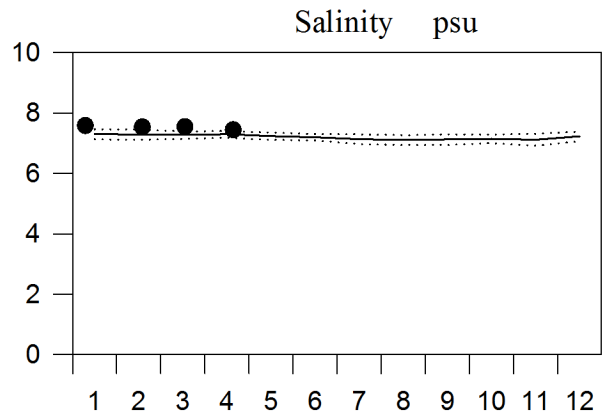
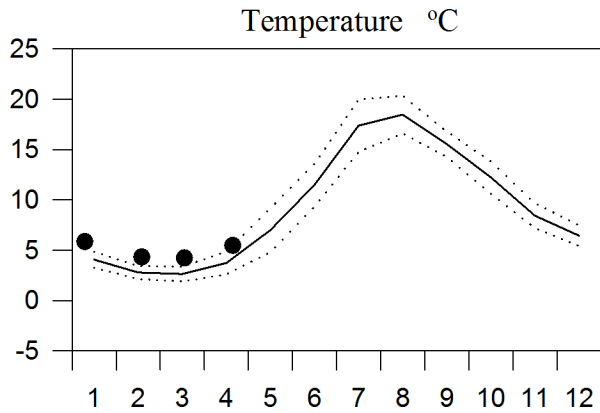
— Mean 1996-2010 St.Dev. ● 2016



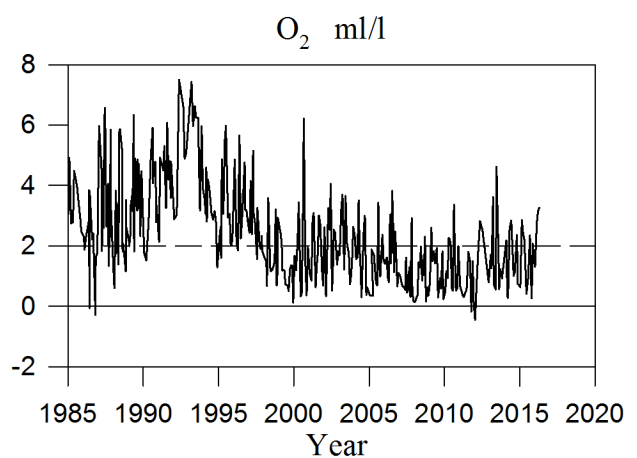
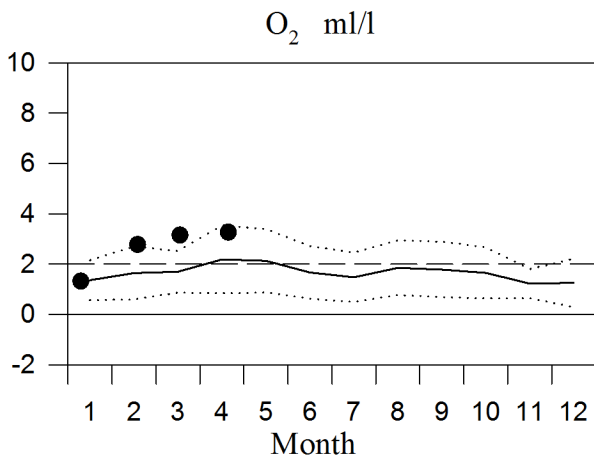
STATION BCS III-10 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016

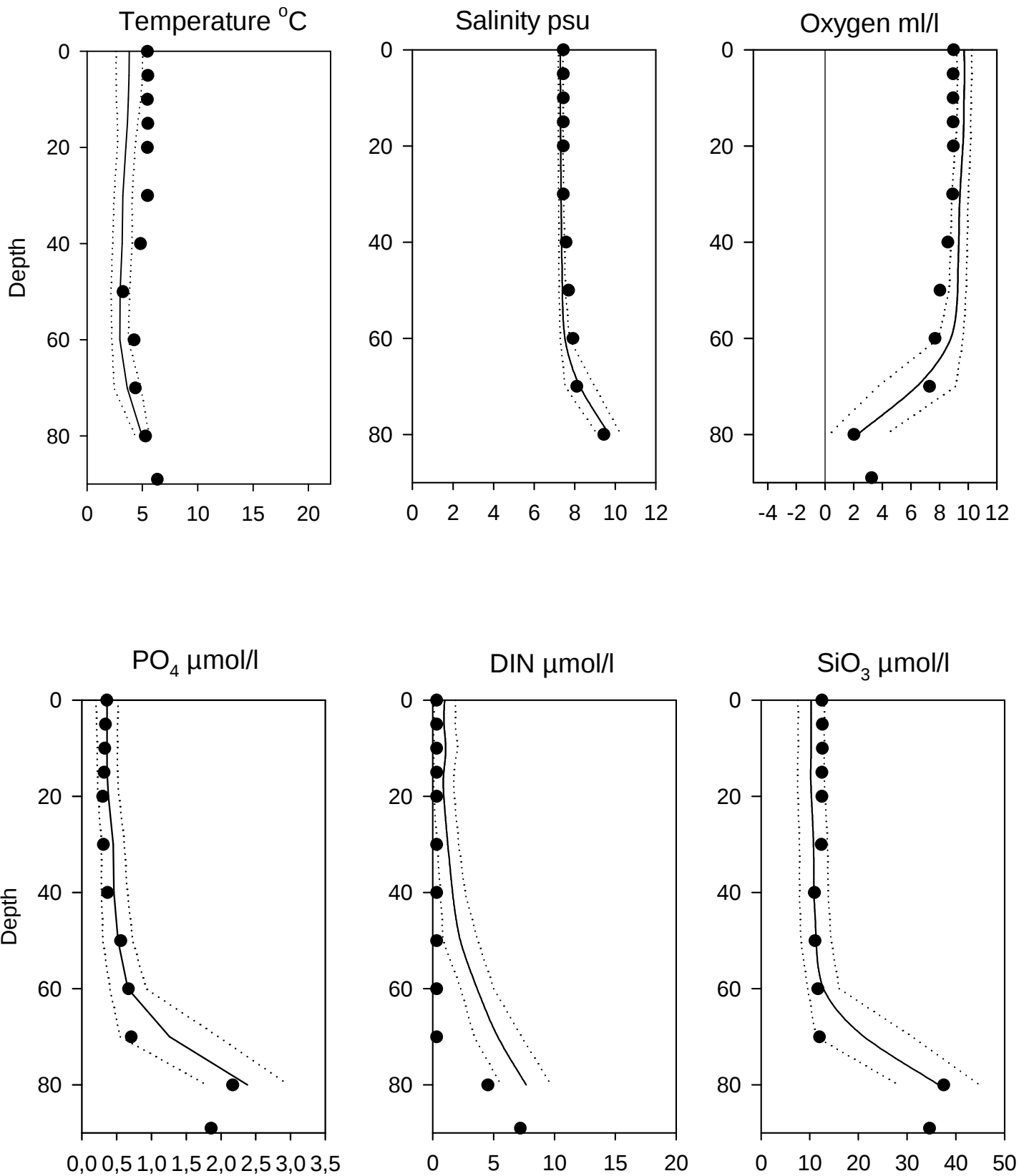


OXYGEN IN BOTTOM WATER (depth > 80m)



Vertical profiles BCS III-10 April

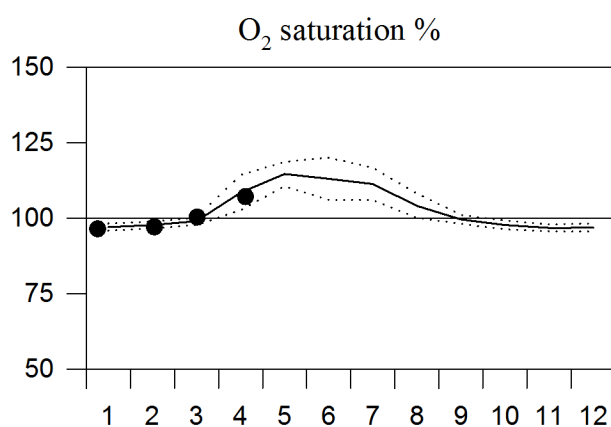
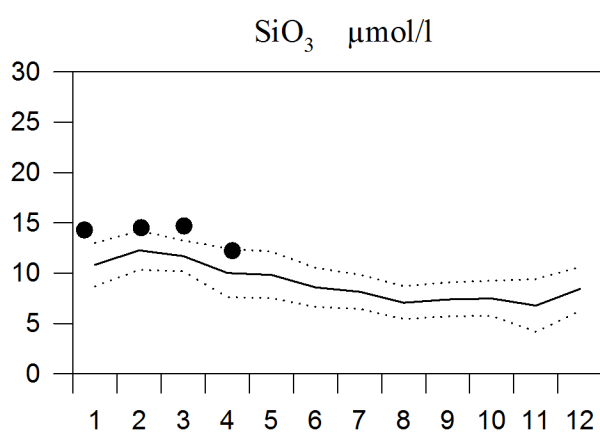
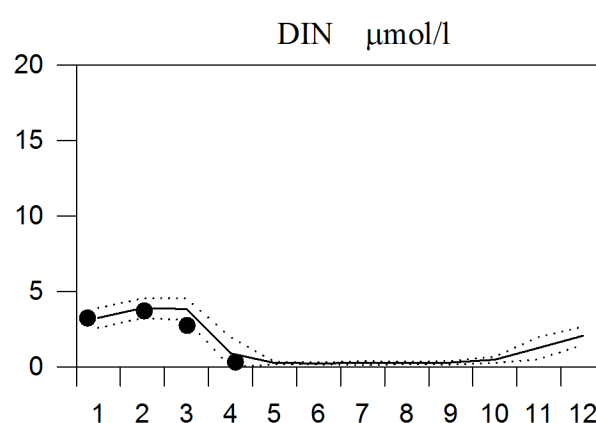
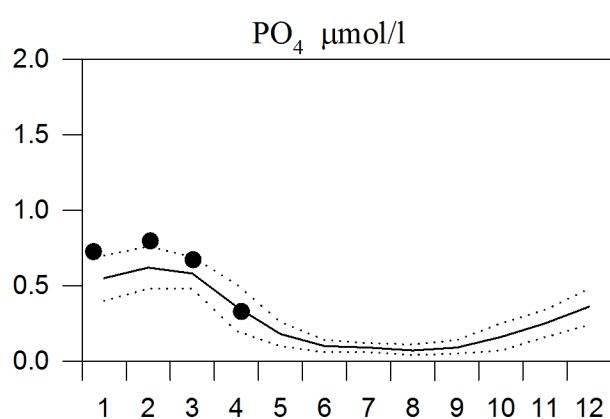
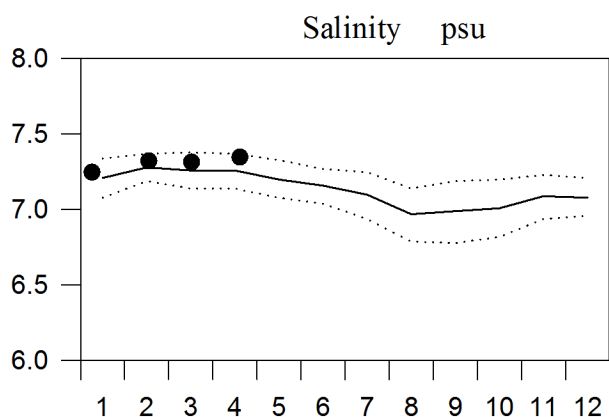
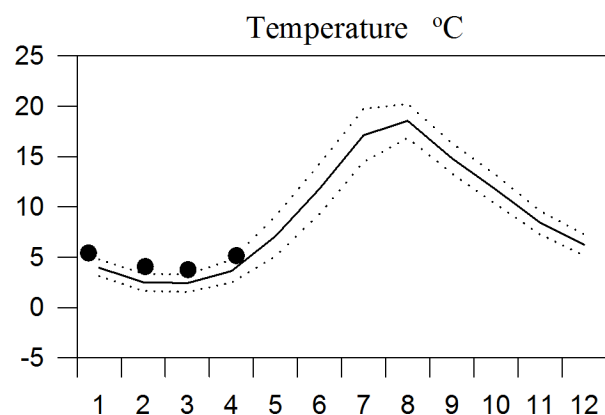
— Mean 1996-2010 St.Dev. ● 2016



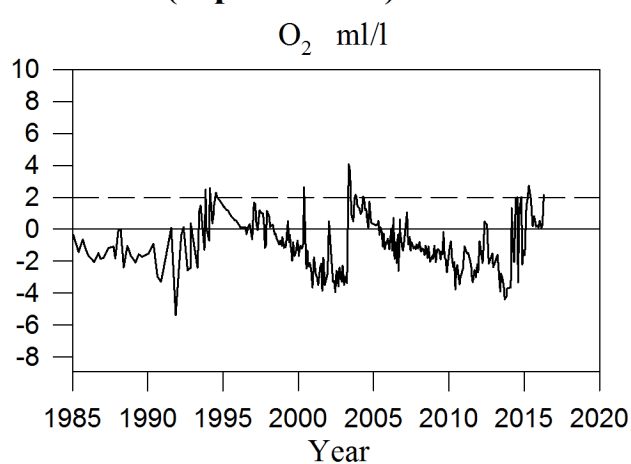
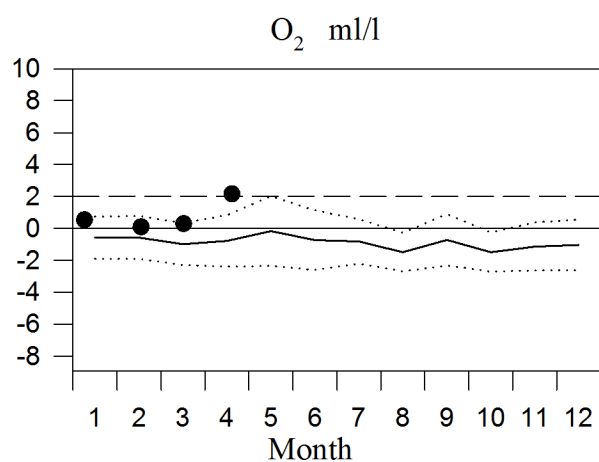
STATION BY10 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016

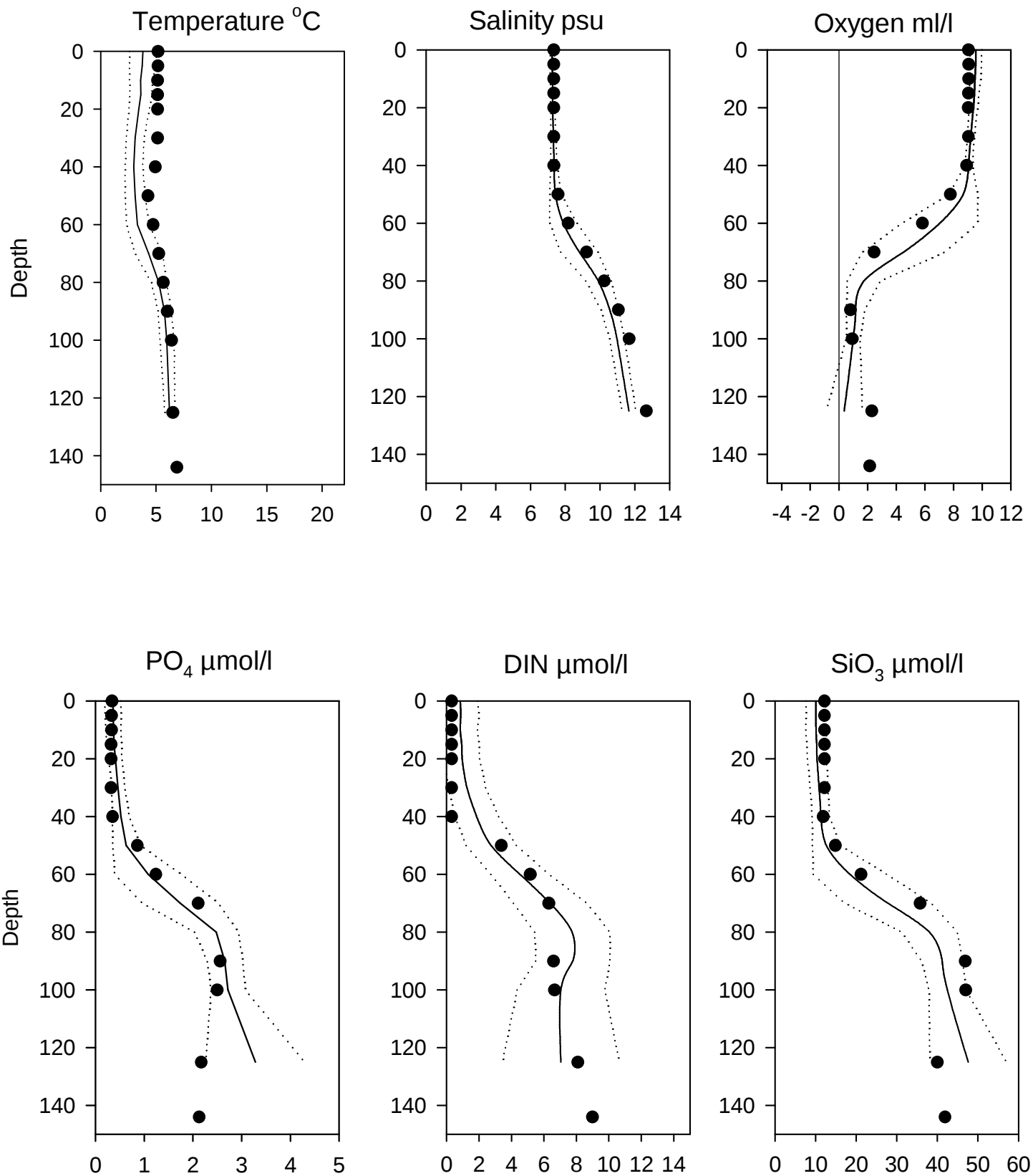


OXYGEN IN BOTTOM WATER (depth >125m)



Vertical profiles BY10 April

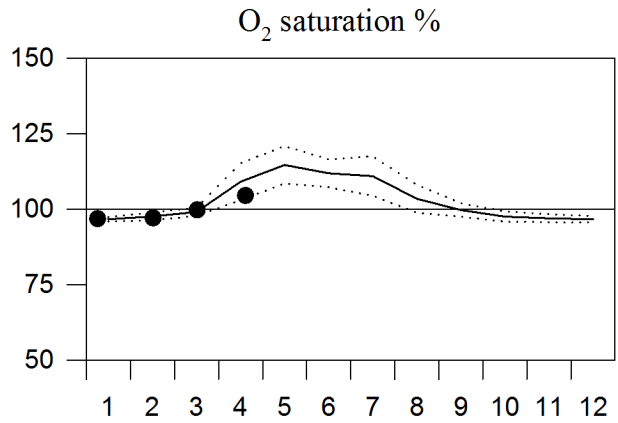
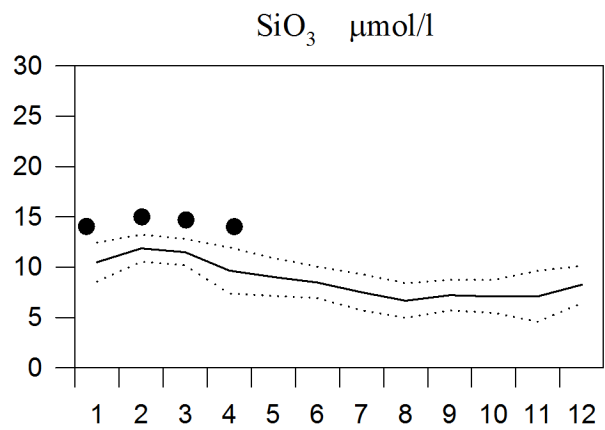
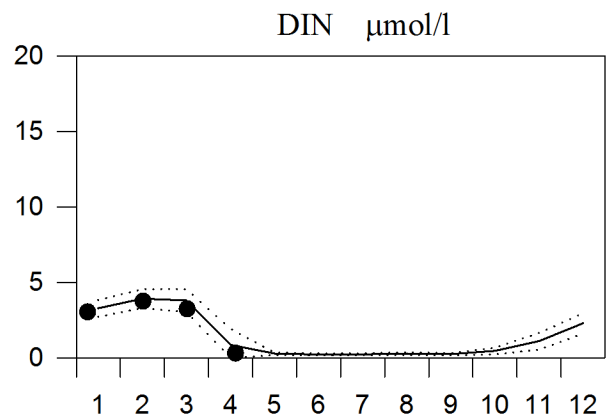
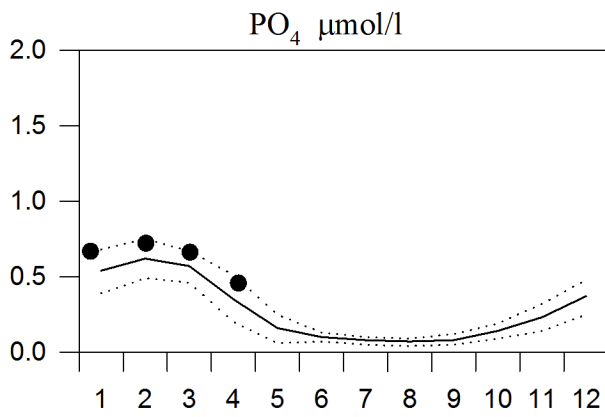
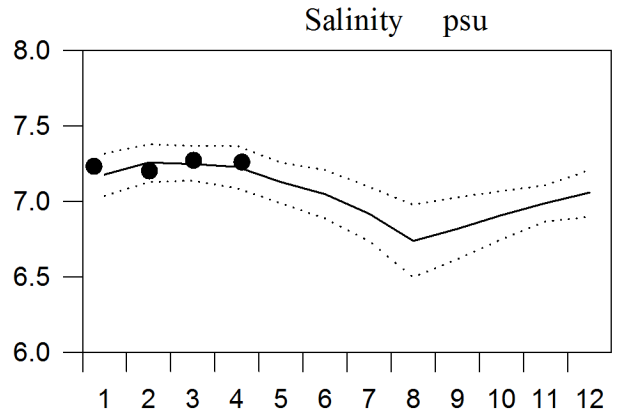
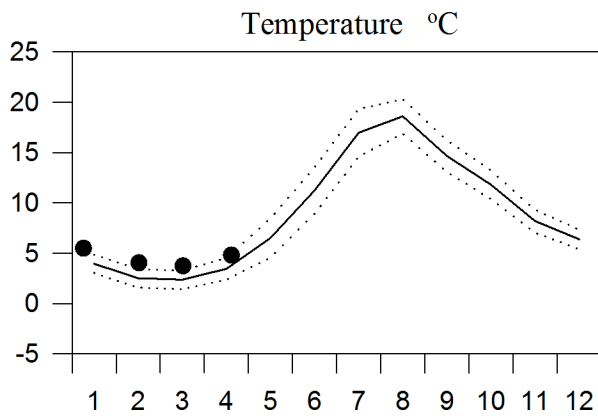
— Mean 1996-2010 St.Dev. ● 2016



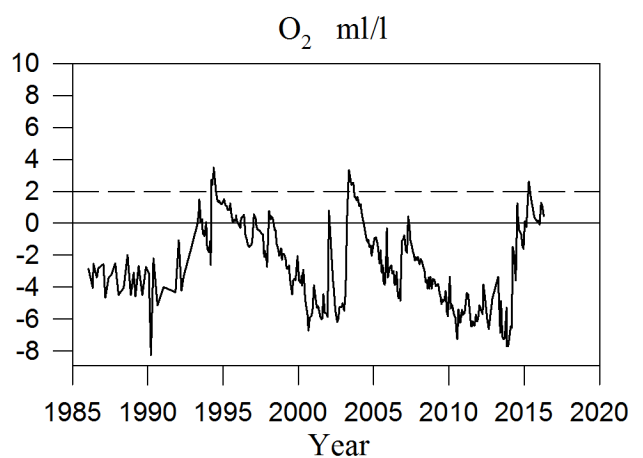
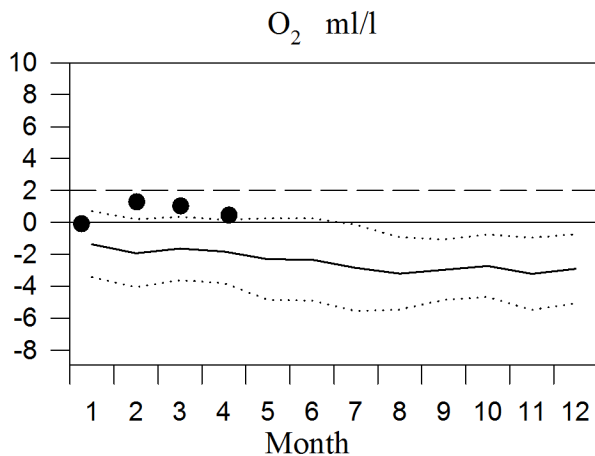
STATION BY15 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016

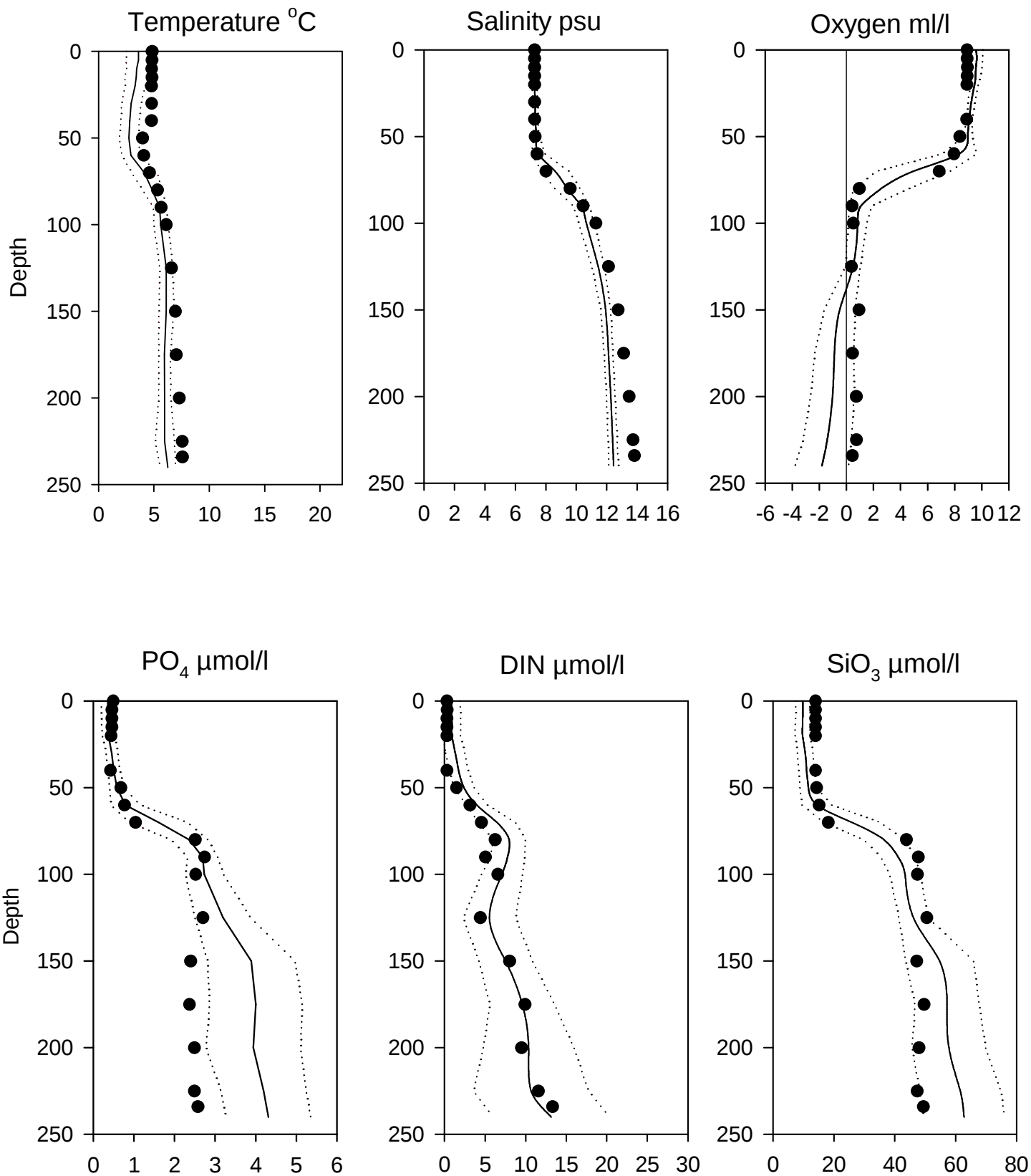


OXYGEN IN BOTTOM WATER (depth >225m)



Vertical profiles BY15 April

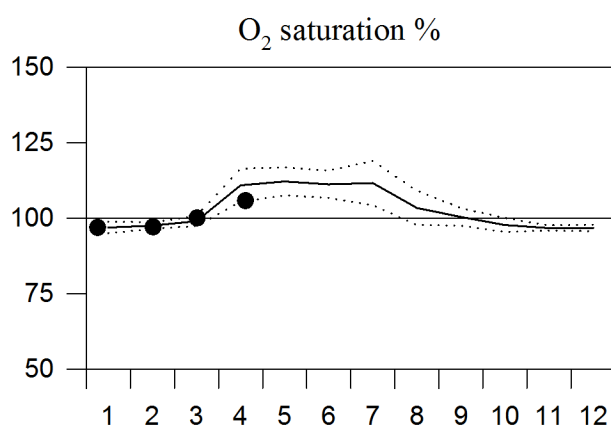
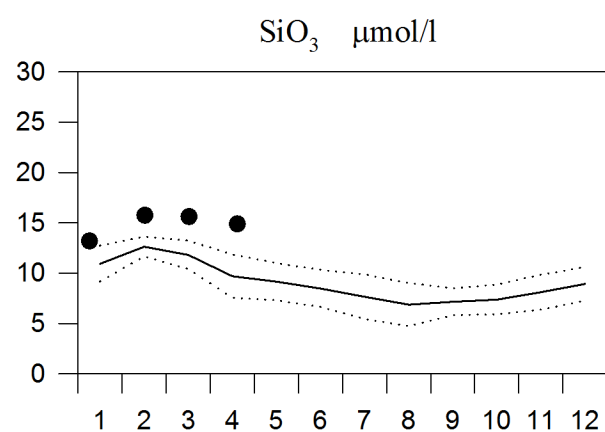
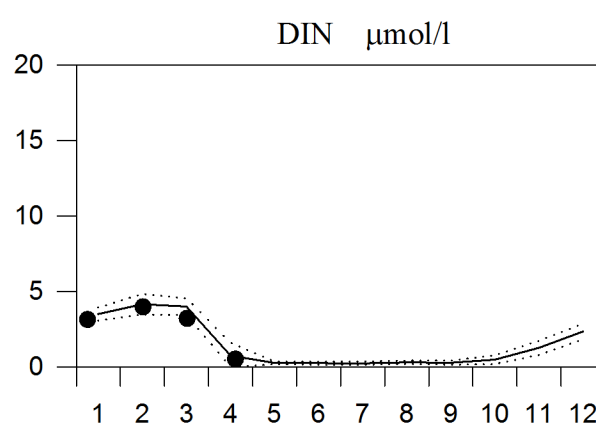
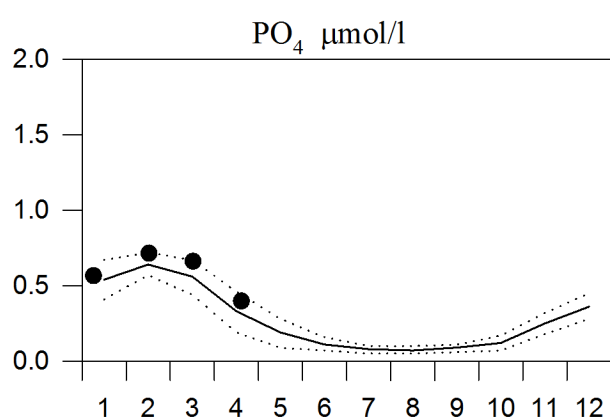
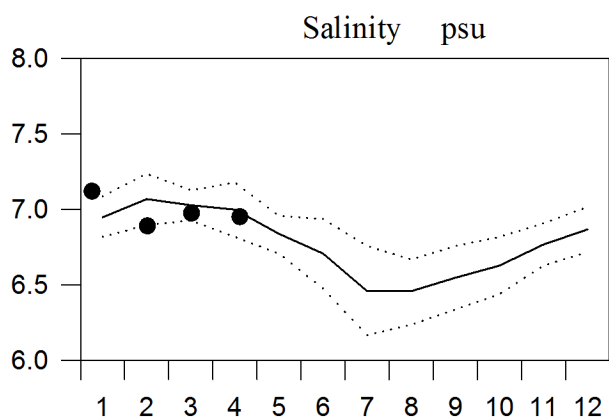
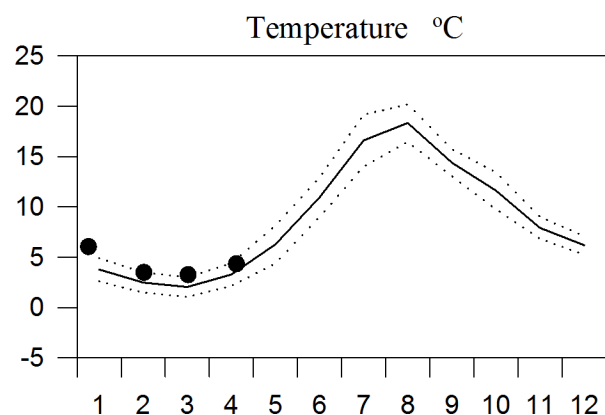
— Mean 1996-2010 St.Dev. ● 2016



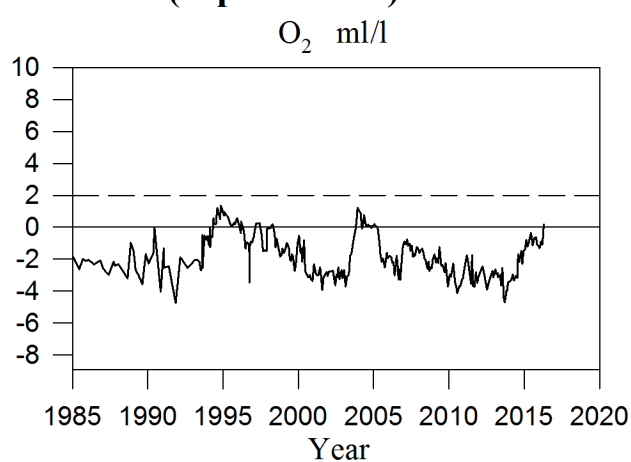
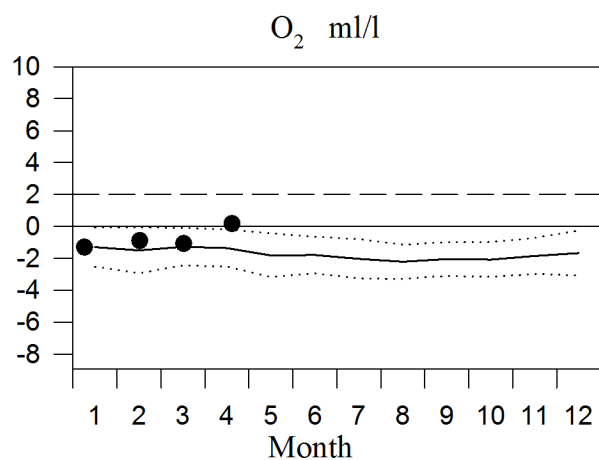
STATION BY20 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016



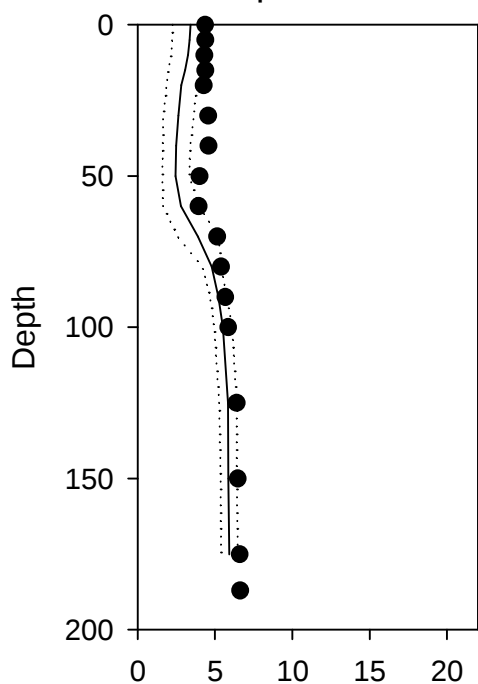
OXYGEN IN BOTTOM WATER (depth >175m)



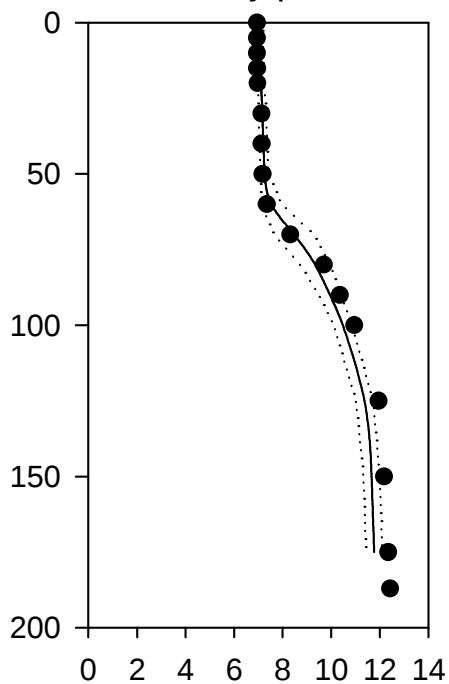
Vertical profiles BY20 April

— Mean 1996-2010 St.Dev. ● 2016

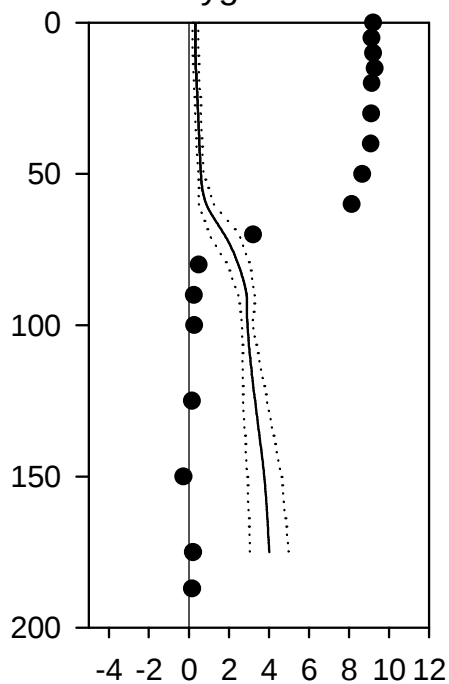
Temperature °C



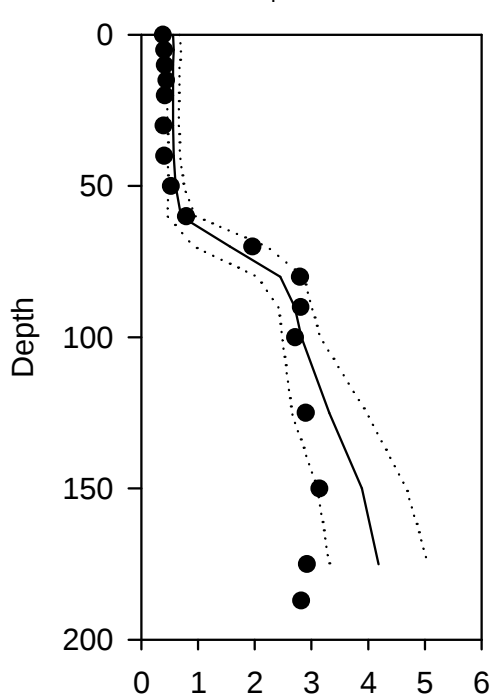
Salinity psu



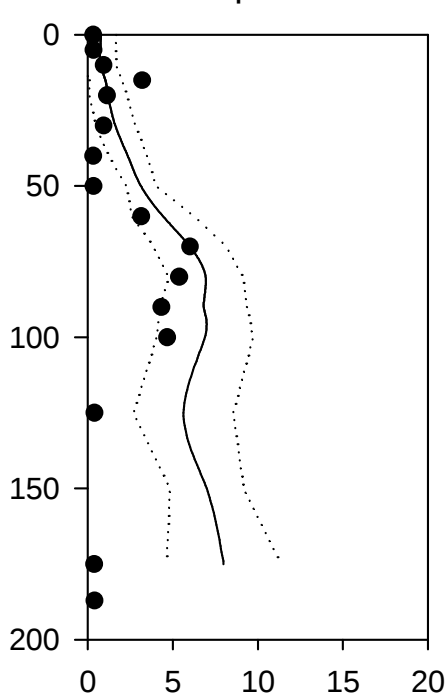
Oxygen ml/l



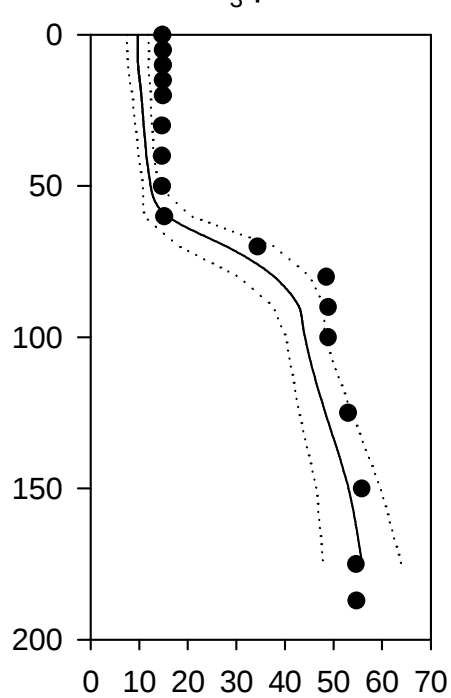
PO₄ μmol/l



DIN μmol/L



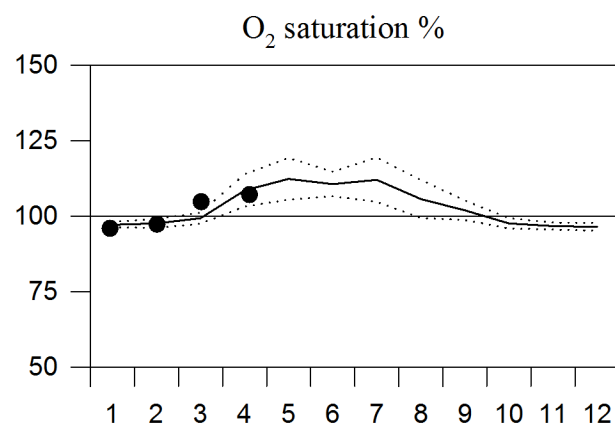
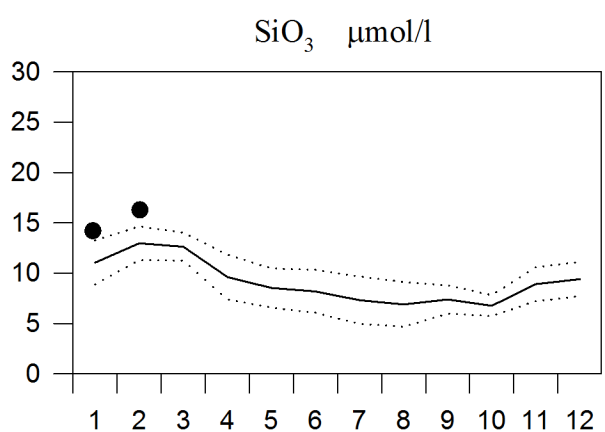
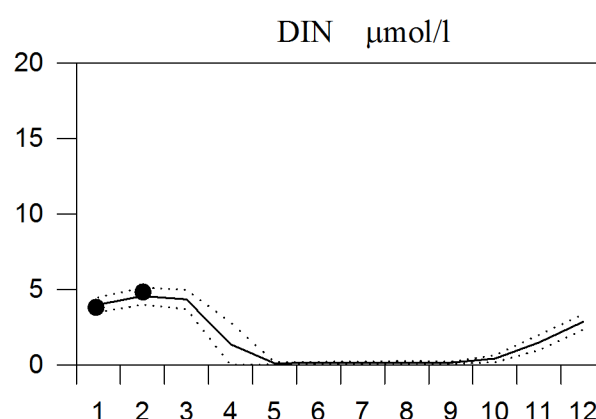
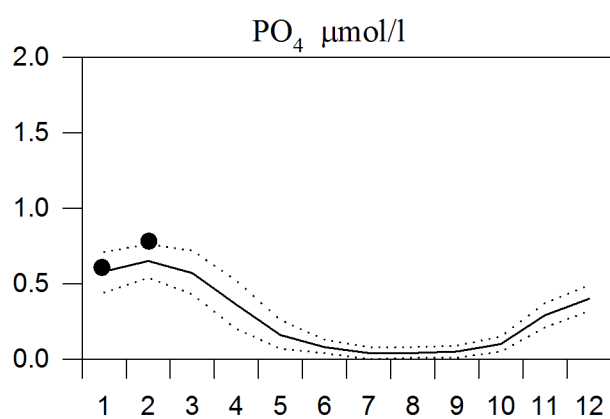
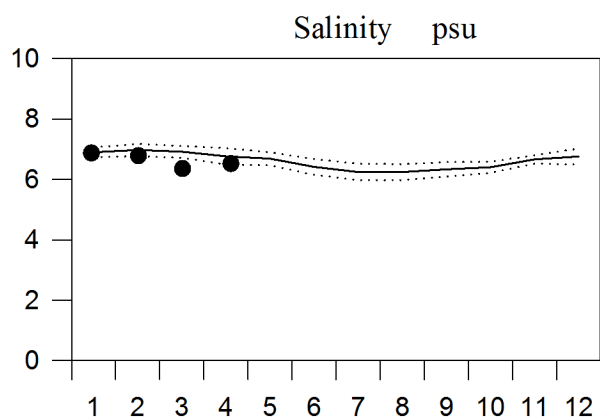
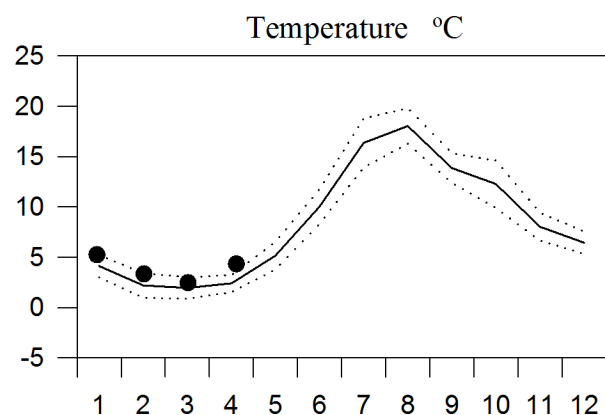
SiO₃ μmol/l



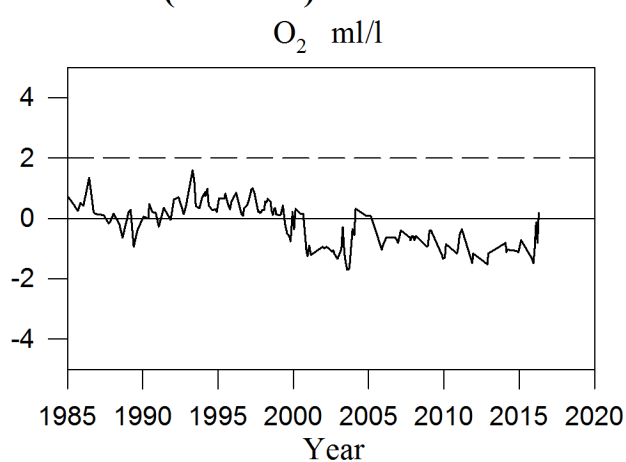
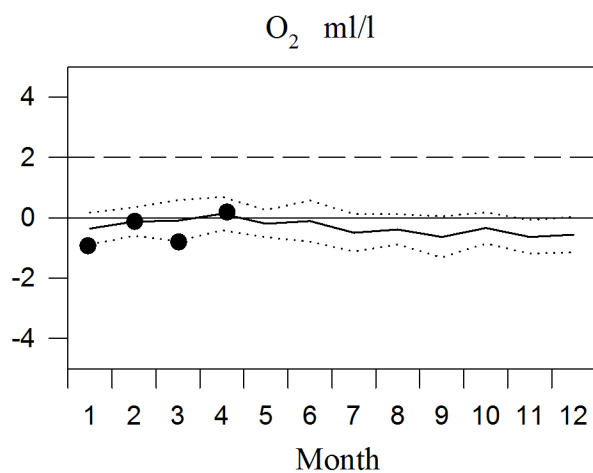
STATION BY29 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016

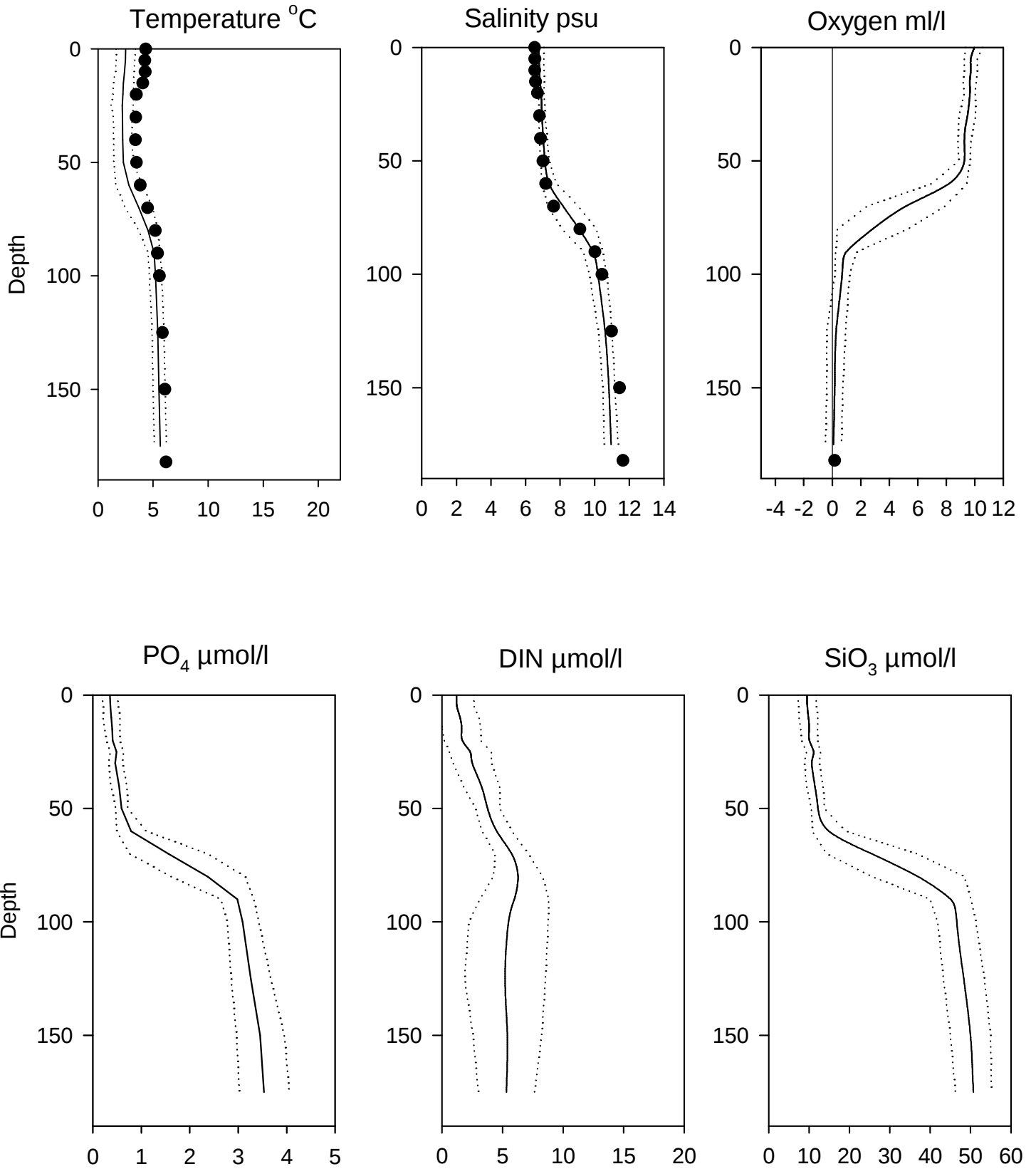


OXYGEN IN BOTTOM WATER (>=150m)



Vertical profiles BY29 April

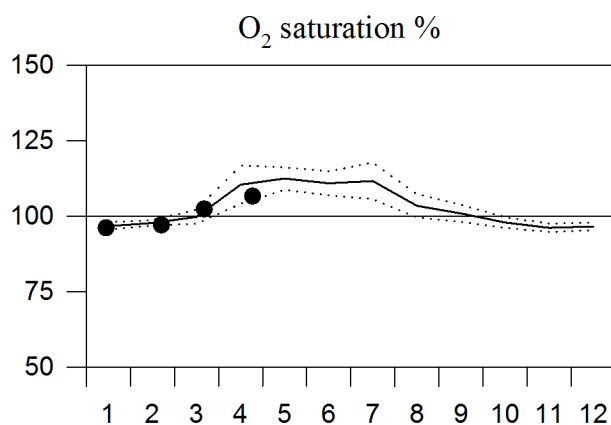
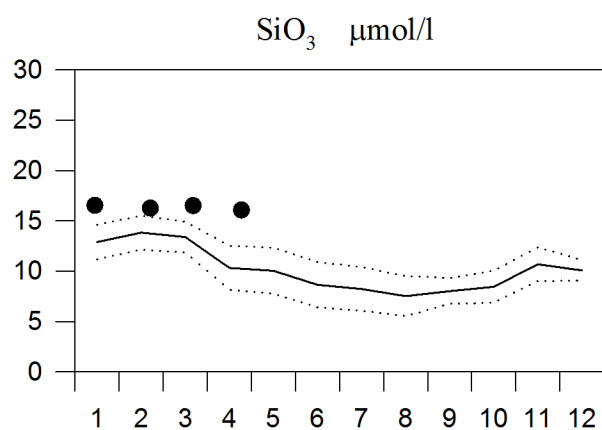
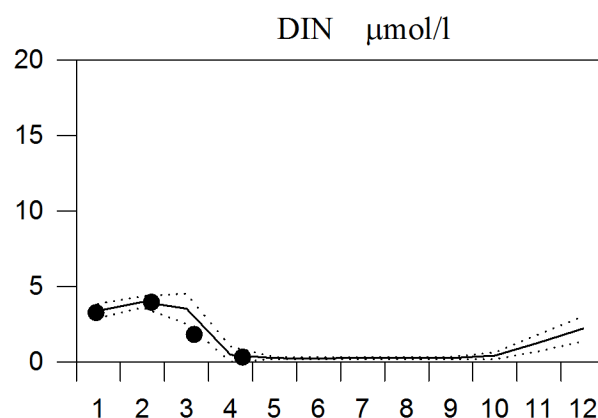
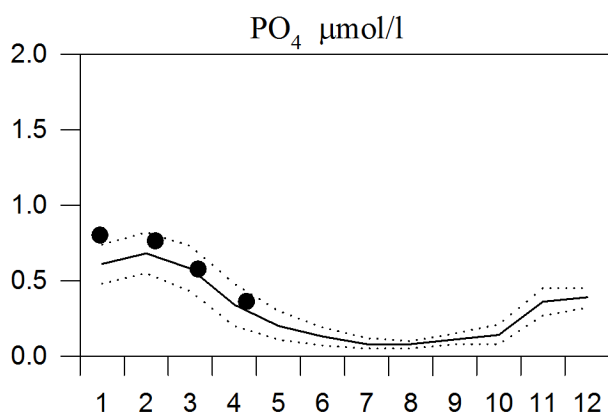
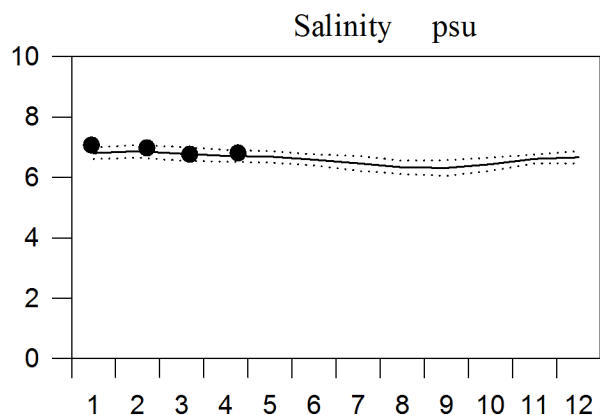
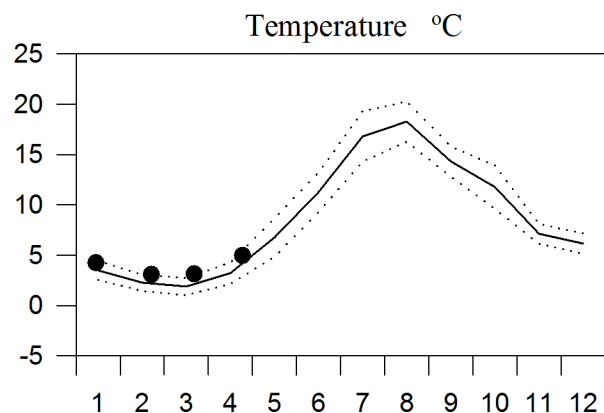
— Mean 1996-2010 St.Dev. ● 2016



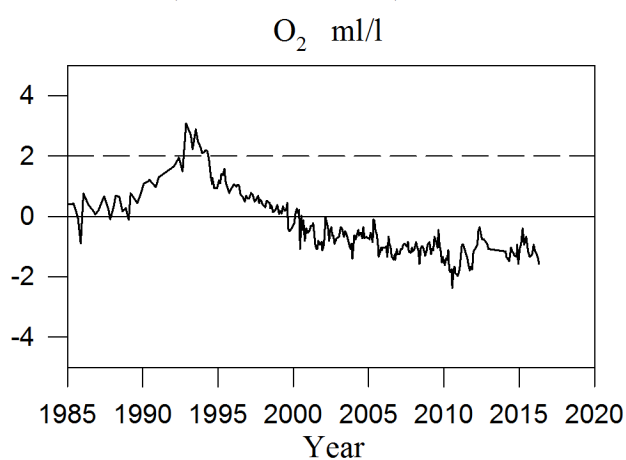
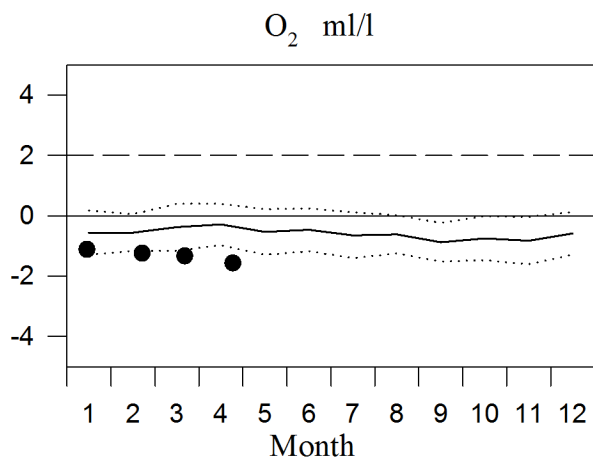
STATION BY32 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016



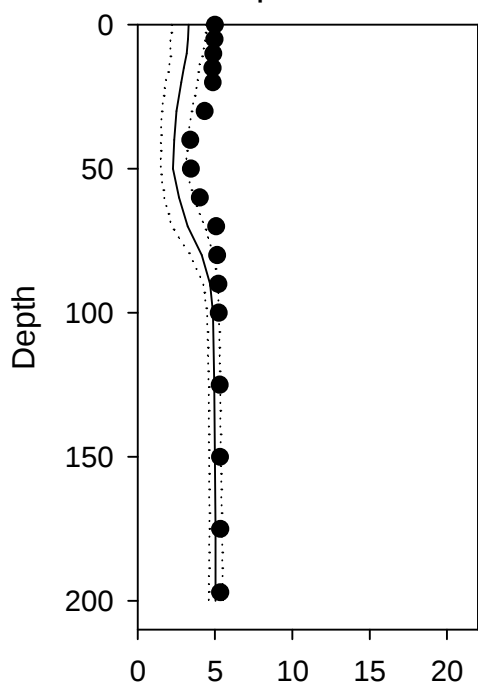
OXYGEN IN BOTTOM WATER (depth > 175m)



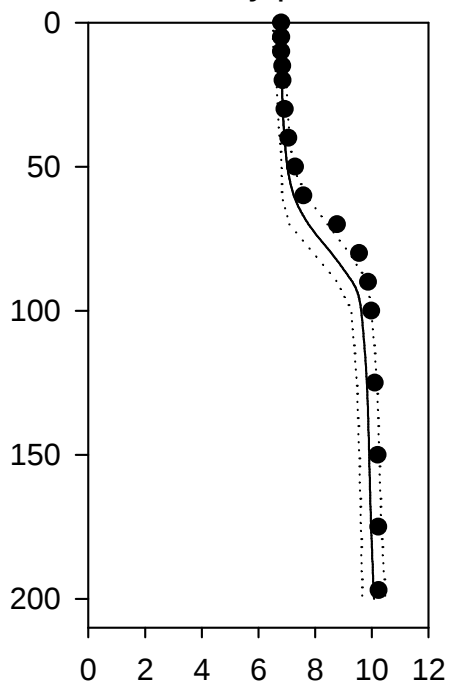
Vertical profiles BY32 April

— Mean 1996-2010 St.Dev. ● 2016

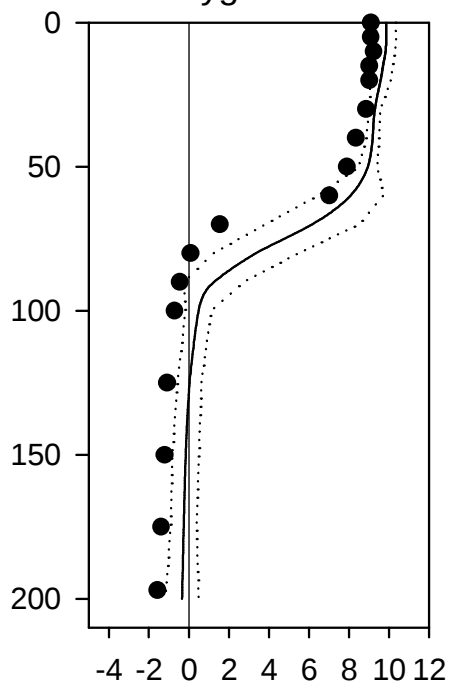
Temperature °C



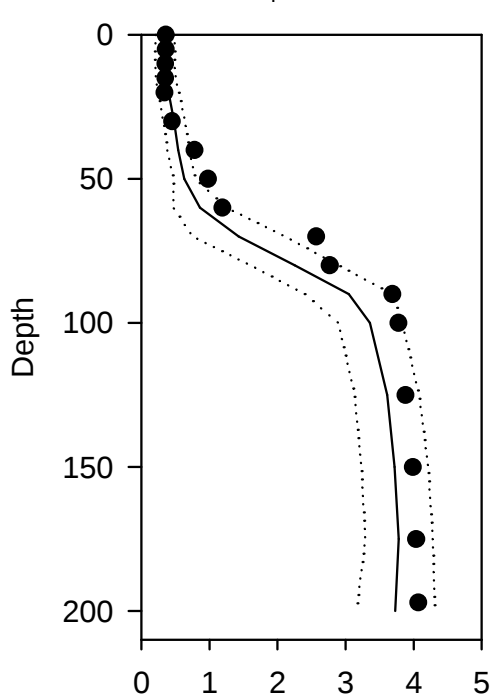
Salinity psu



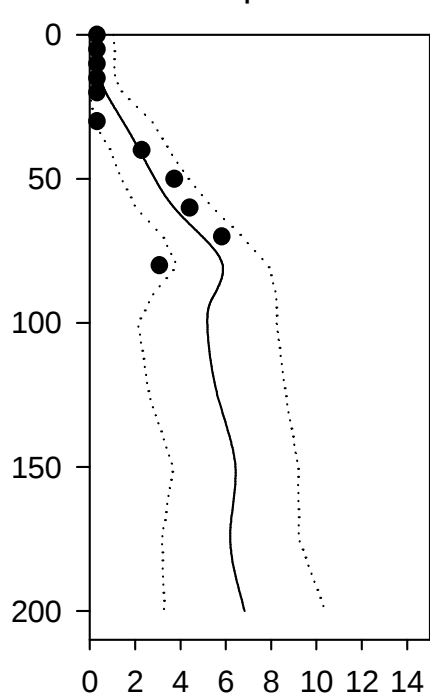
Oxygen ml/l



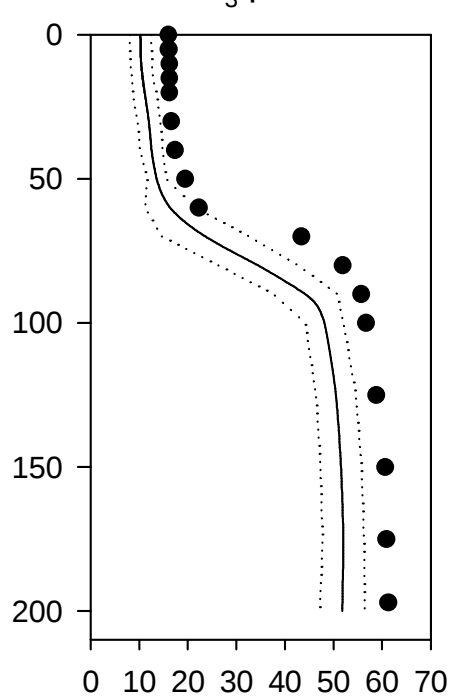
PO₄ μmol/l



DIN μmol/l



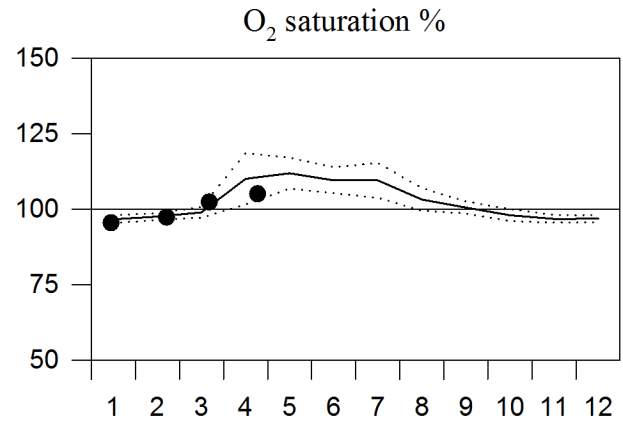
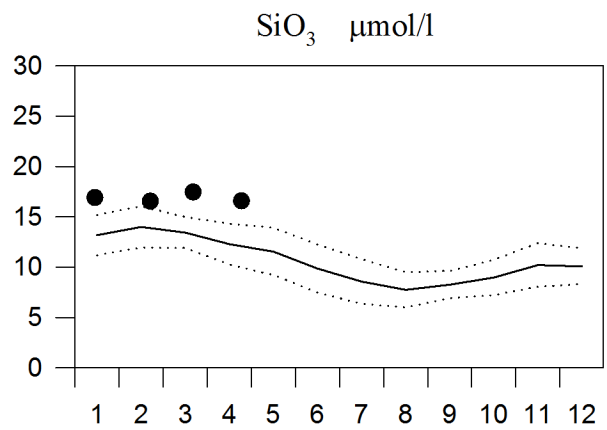
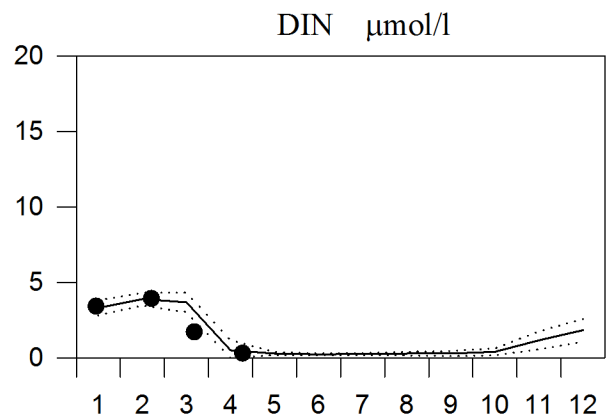
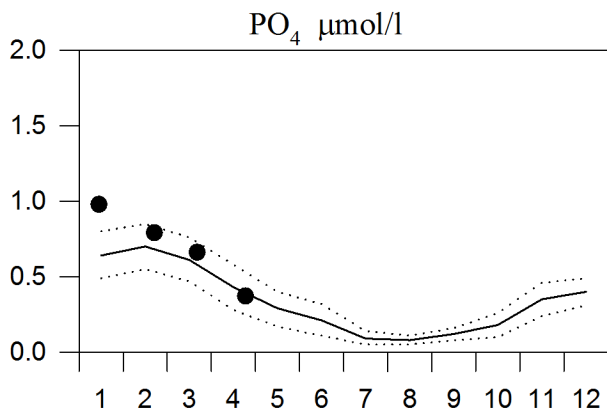
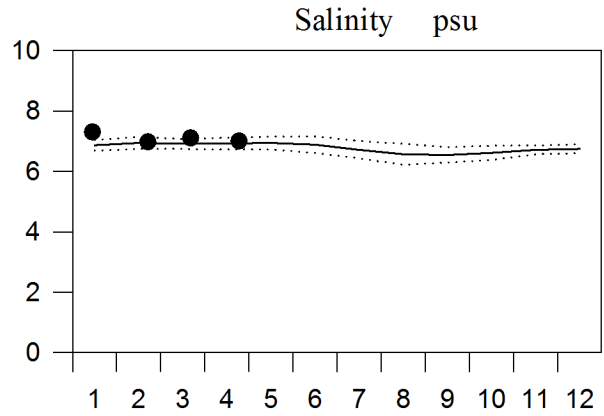
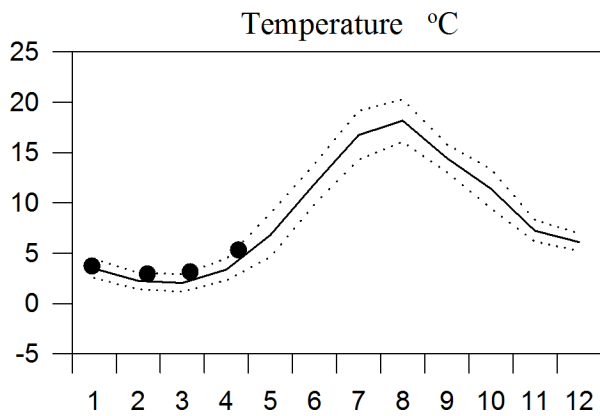
SiO₃ μmol/l



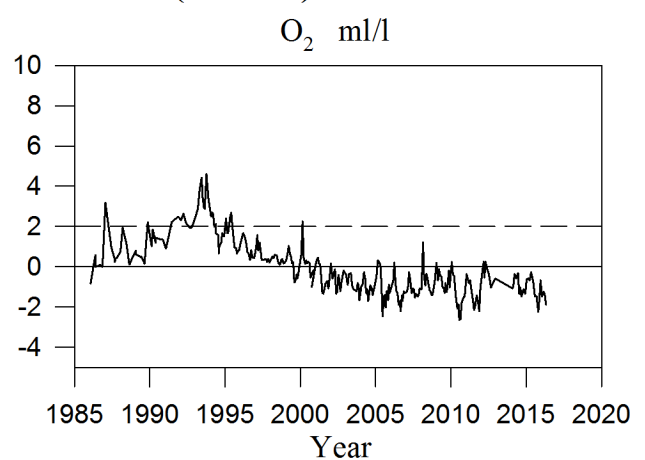
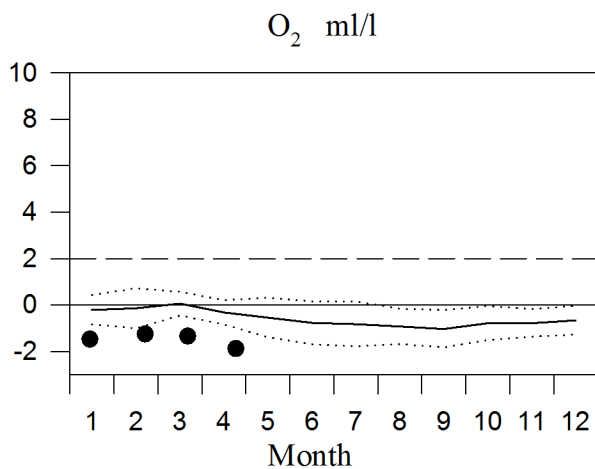
STATION BY38 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016

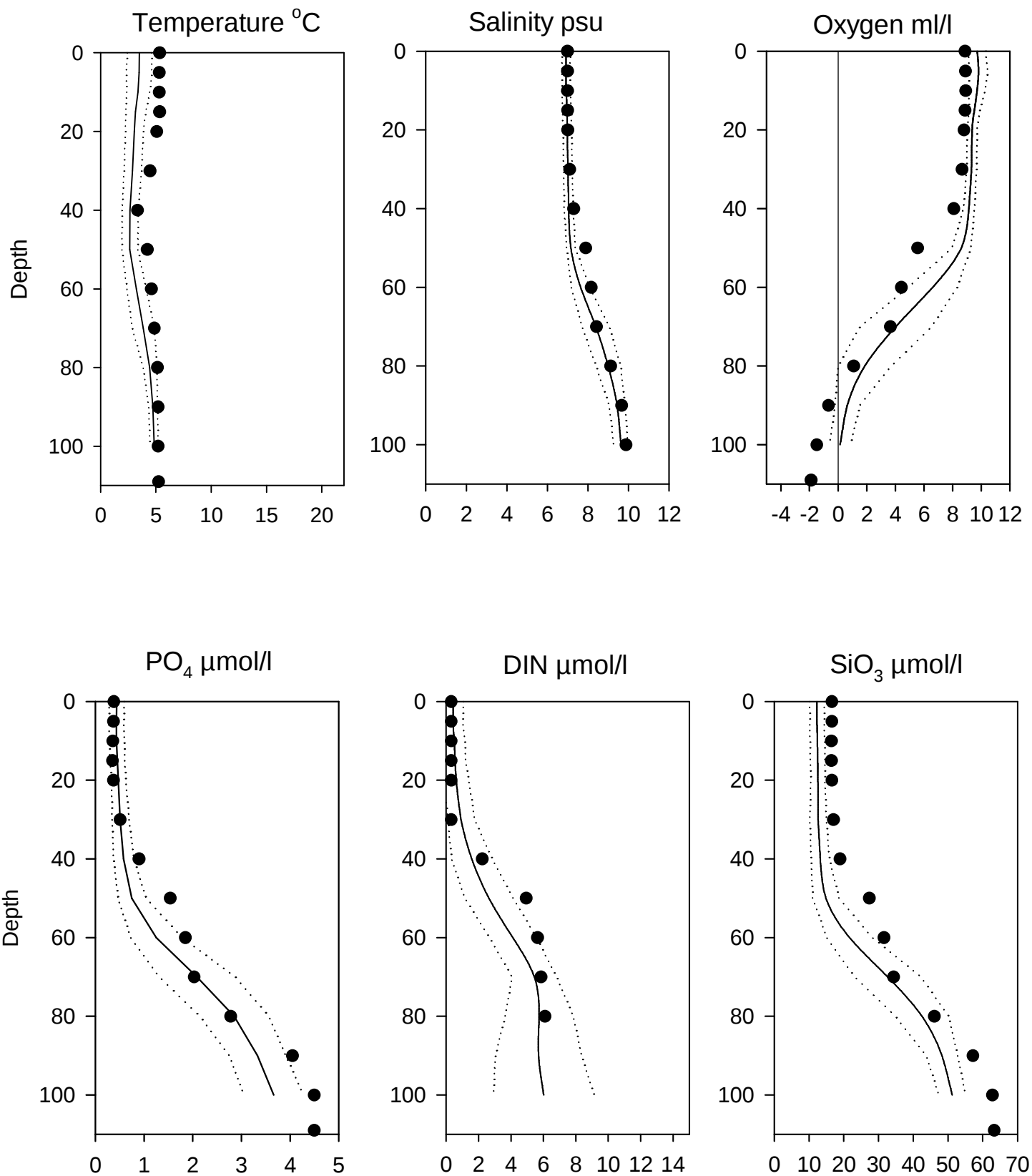


OXYGEN IN BOTTOM WATER (> 100m)



Vertical profiles BY38 April

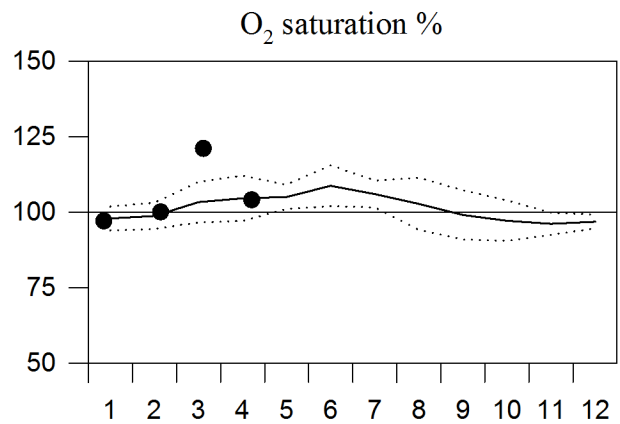
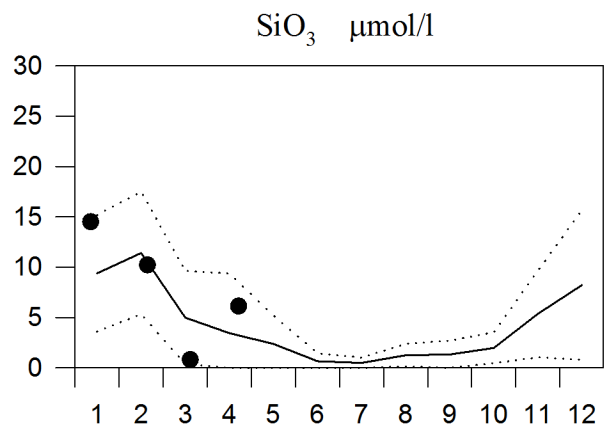
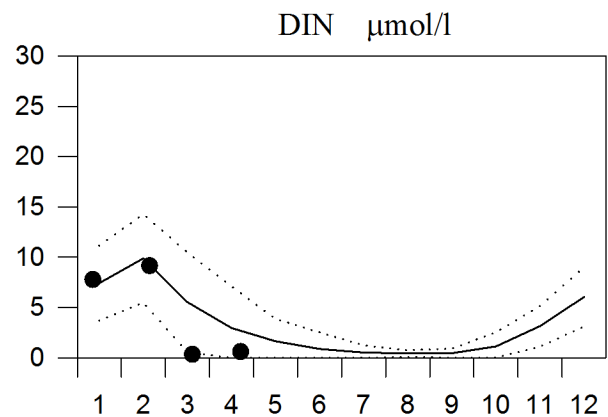
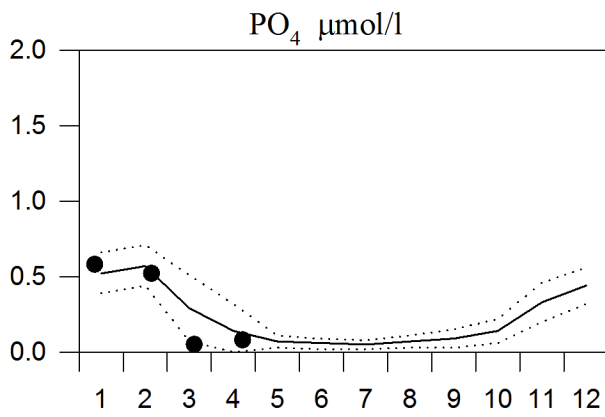
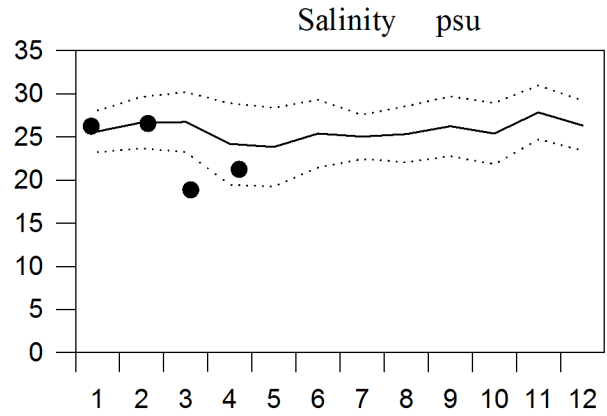
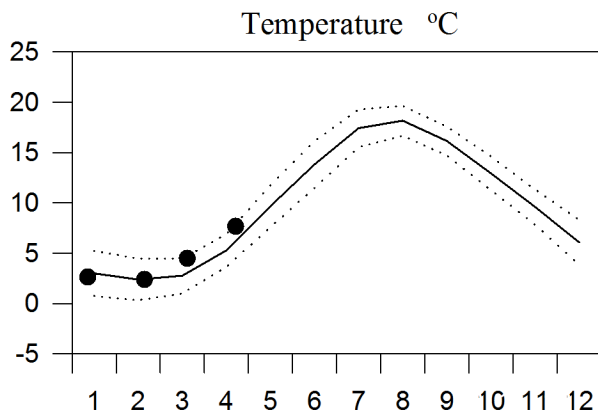
— Mean 1996-2010 St.Dev. ● 2016



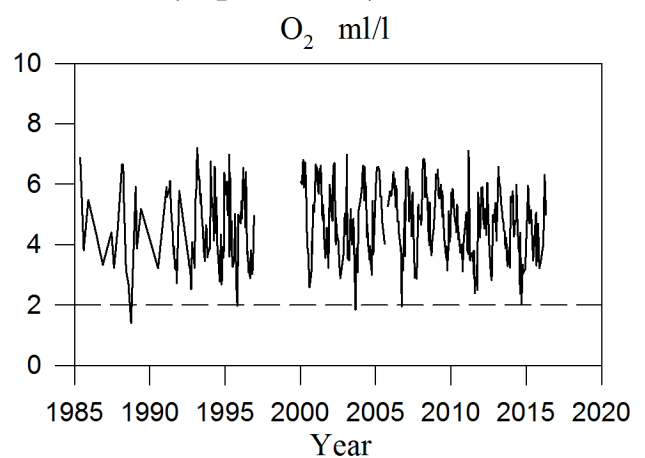
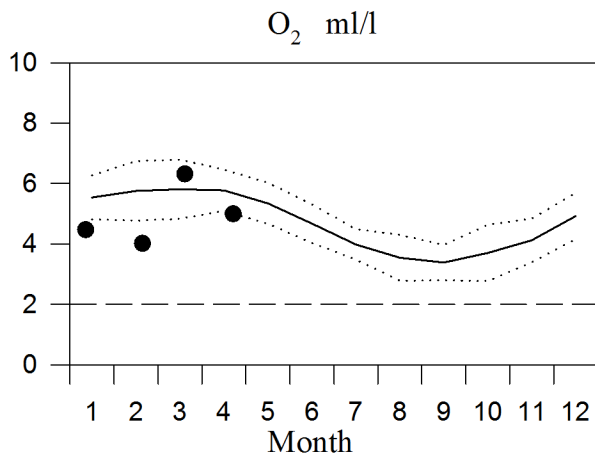
STATION SLÄGGÖ SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016

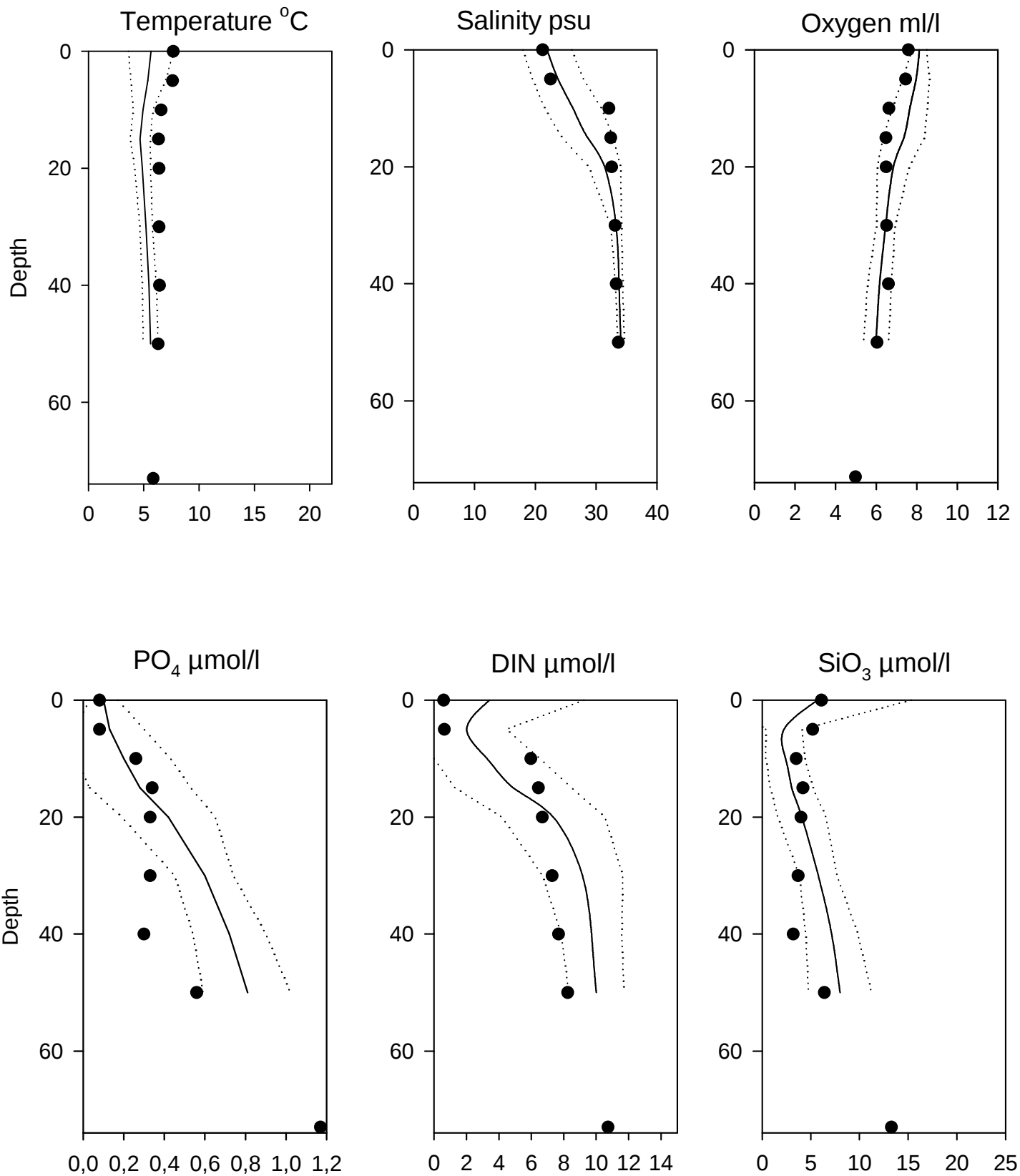


OXYGEN IN BOTTOM WATER (depth >50m)



Vertical profiles Släggö April

— Mean 1996-2010 St.Dev. ● 2016



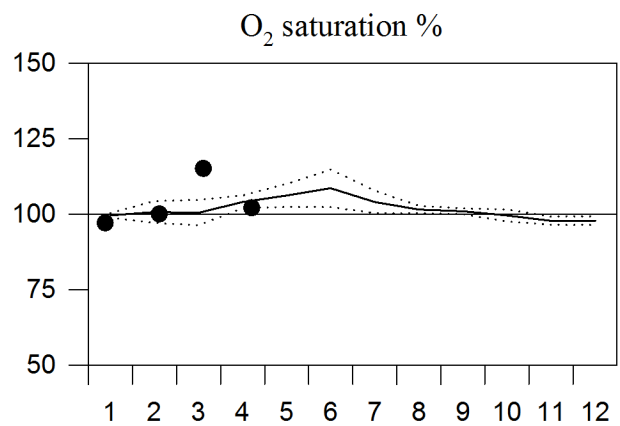
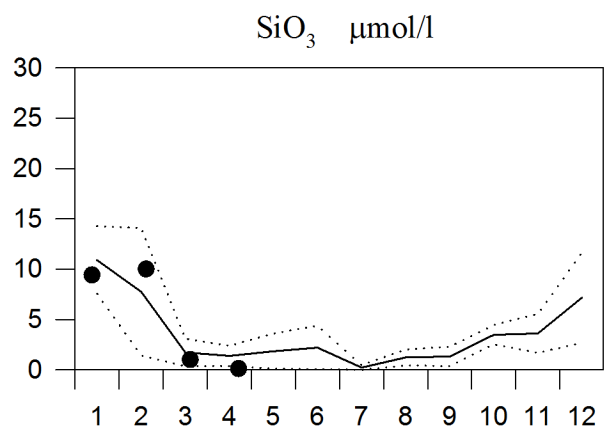
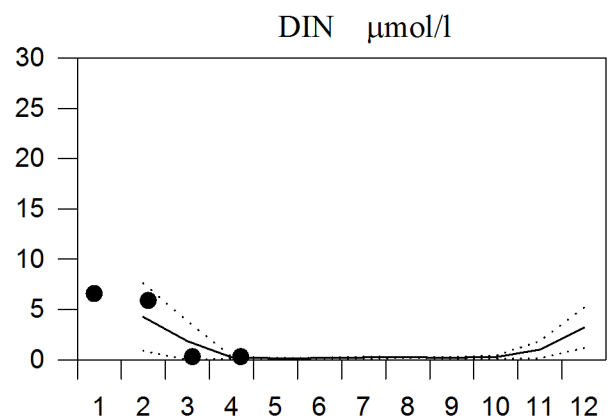
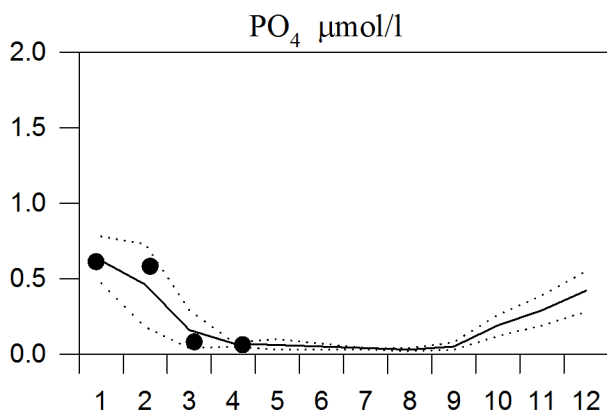
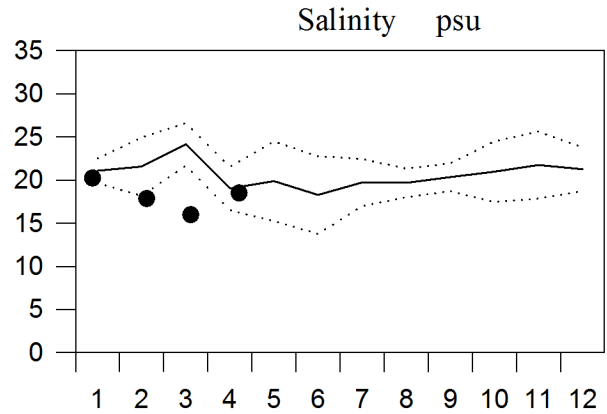
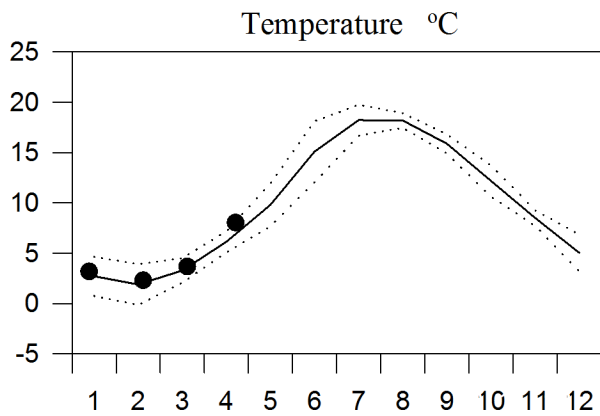
STATION N14 Falkenberg SURFACE WATER

Annual Cycles

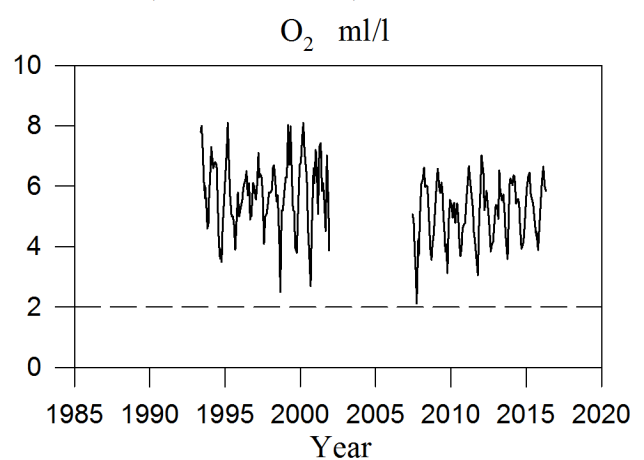
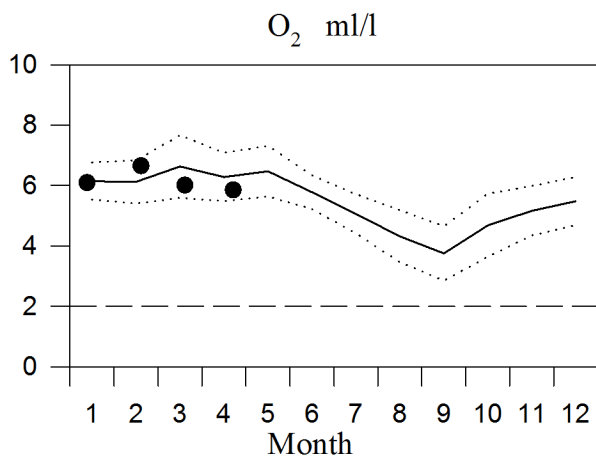
— Mean 2007-2010

..... St.Dev.

● 2016

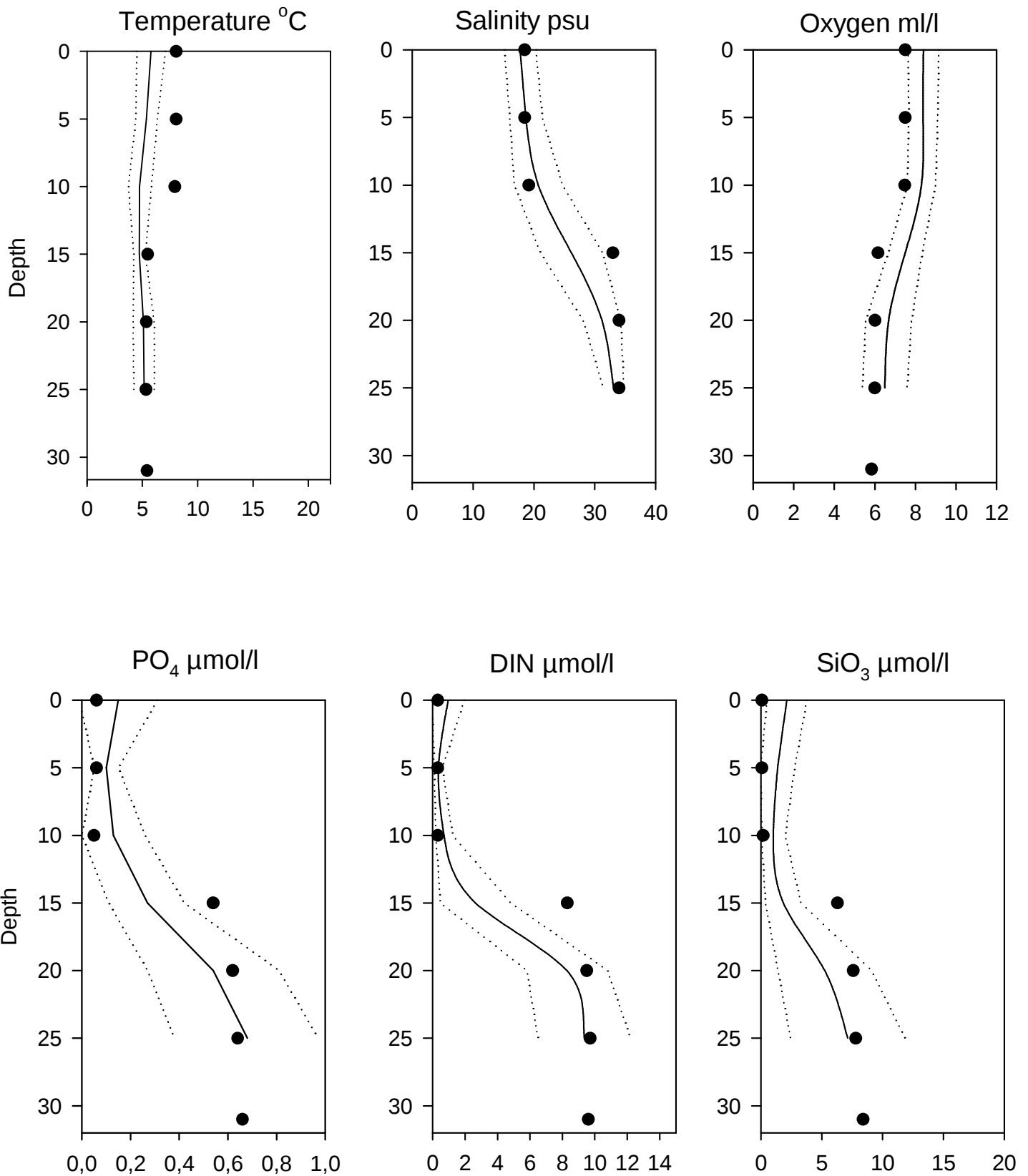


OXYGEN IN BOTTOM WATER (depth > 25m)



Vertical profiles N14 Falkenberg April

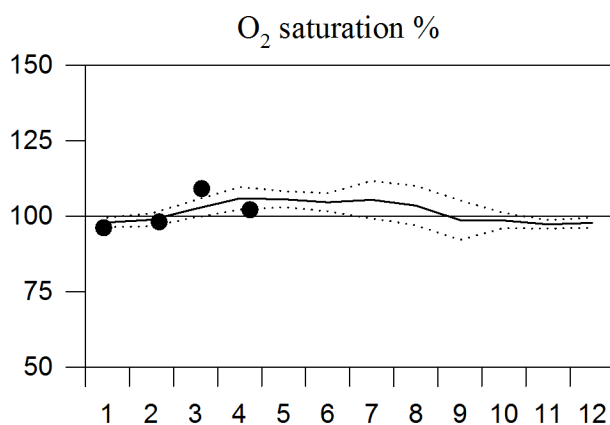
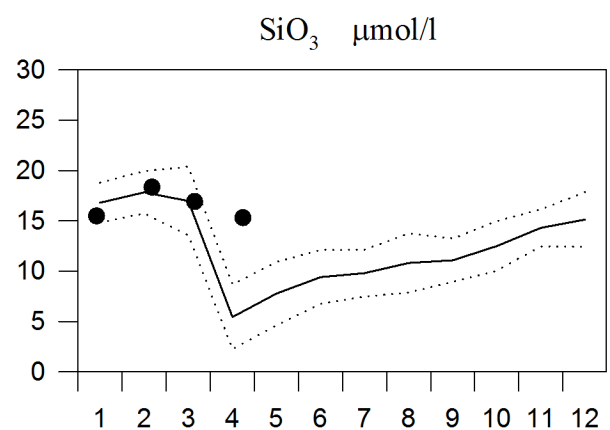
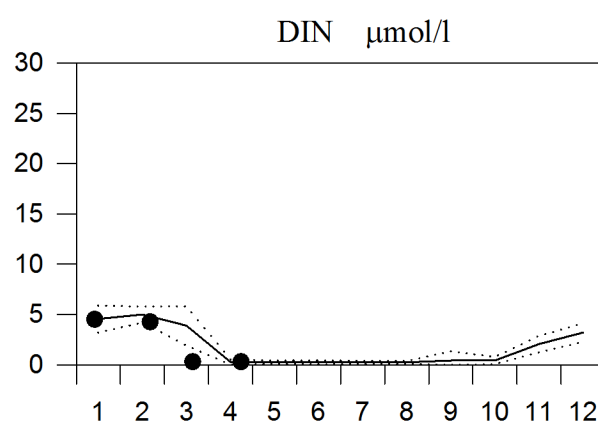
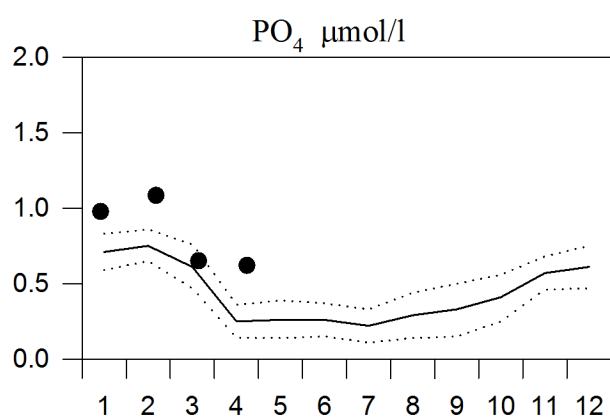
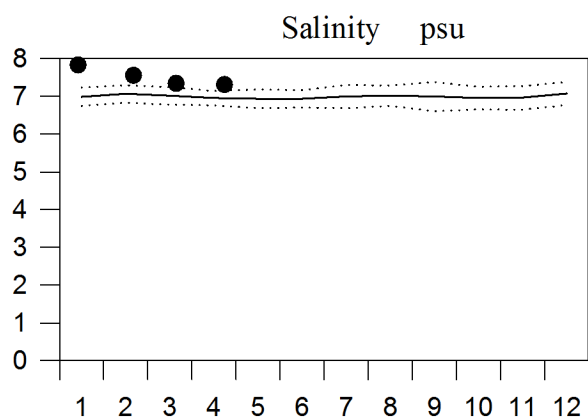
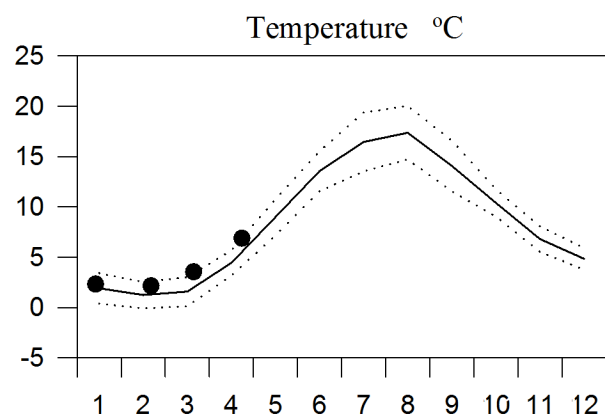
— Mean 1996-2010 St.Dev. ● 2016



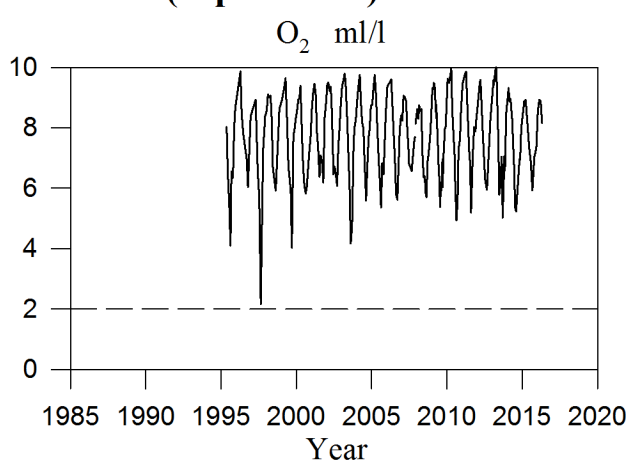
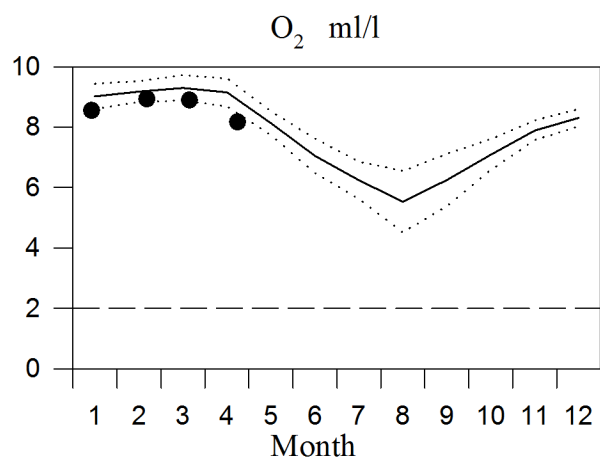
STATION REF M1V1 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2016



OXYGEN IN BOTTOM WATER (depth >15m)



Vertical profiles Ref M1V1 April

— Mean 1996-2010 St.Dev. ● 2016

