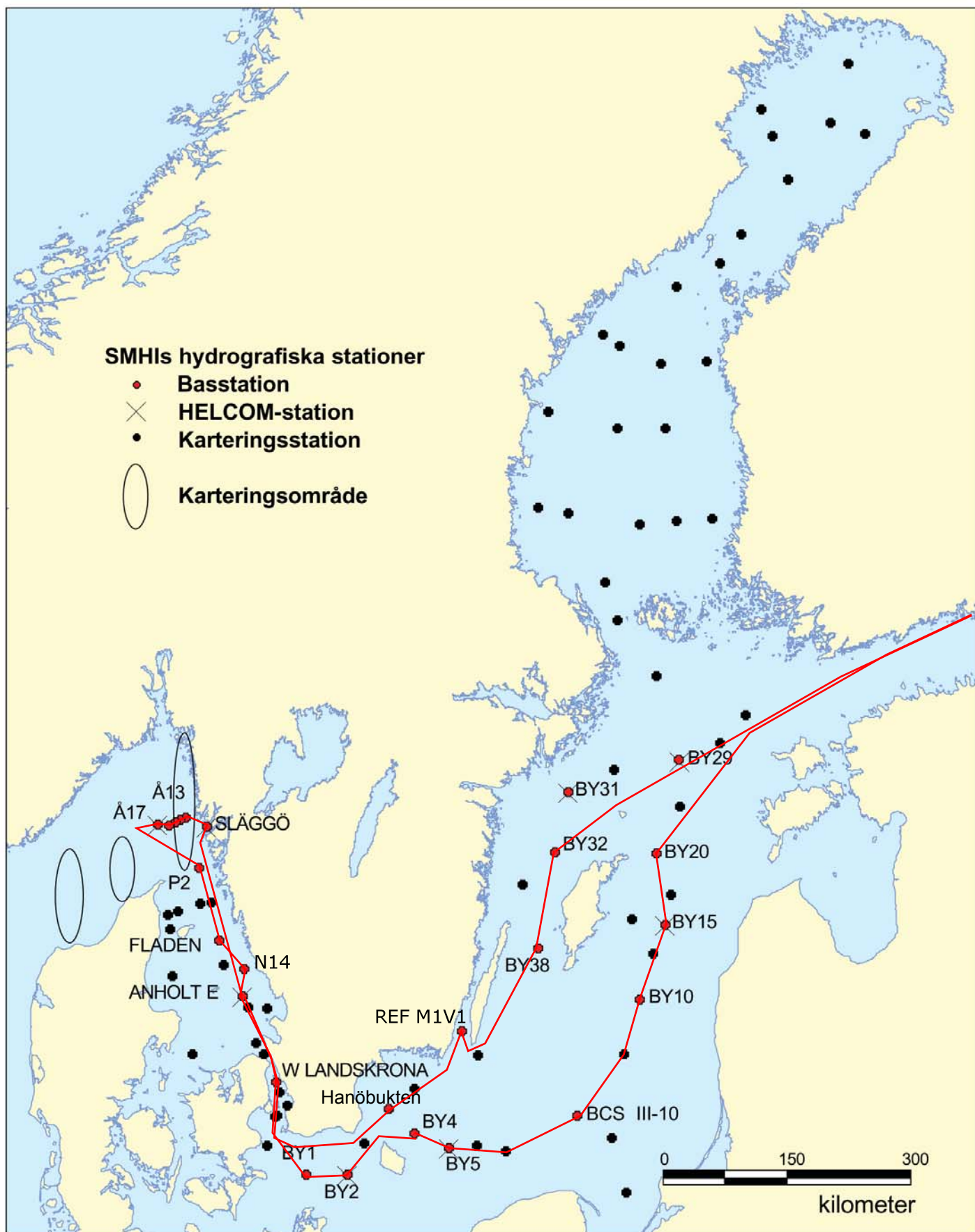


TRACKCHART
Country: Sweden
Ship: R/V ARANDA
Date: 20150316-20150323
Series: 0145-0176



SMHI
Ocean enh

Hydrographic
series

Ship: 01-Aranda
Year: 2015

Date: 2015-03-23
Time: 11:39

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 aoae hd	C t	PPCPZZT Hrhhoo Cilyooa motPBw PrP l	No de	T e	S a	P h	O x	H 2	P o	T o	N o	N o	T h	A o	S l	H i	L u	P i	P o	T o	C o	
0145	BPEX26BAS	BY20	FÄRÖDJ	N5800	E1953	20150317	0315	195		14 7	4.4	1044	9990	x	--x----	17	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0146	BPEX21BAS	BY15	GOTLANDSDJ	N5720	E2003	20150317	0905	239	18	16 7	4.2	1043	0020	x	-xxxx--	19	x	x	x	x	x	x	x	x	x	x	x	-	-	-	-	-	-	-	x
0147	BPEX21EXT	BY15	GOTLANDSDJ	N5720	E2003	20150317	1055	239		14 7	4.7	1043	1120	x	-----	5	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	x
0148	BPEX13BAS	BY10		N5638	E1935	20150317	1533	145	15	10 4	5.4	1040	1130	x	--x----	15	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	x
0149	BPSE12EXT	BY9	KLAIPEDA	N5607.5	E1917	20150317	1940	122		14 11	6.9	1038	9990	x	-----	15	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	x
0150	BPSE11BAS	BCS	III-10	N5533.3	E1824	20150317	2355	90		14 7	5.9	1037	9990	x	--x----	12	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	-	-	-	-
0151	BPSE09EXT	BY7	STOLPE RÄNNA	N5513	E1704	20150318	0605	91		13 7	4.7	1035	1120	x	-----	12	x	x	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x
0152	BPSB07BAS	BY5	BORNHOLMSDJ	N5515	E1559	20150318	0940	90	14	13 7	5.0	1034	1130	x	-xxxx--	12	x	x	x	-	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-
0153	BPSB06BAS	BY4	CHRISTIANSÖ	N5523	E1520	20150318	1300	92	13	10 7	5.0	1032	0030	x	--x----	12	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	-	-	-	-
0154	BPSA03BAS	BY2	ARKONA	N5500	E1405	20150318	1830	46		11 6	4.7	1029	9990	x	--x----	8	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	-	-	-	x
0155	BPSA02BAS	BY1		N5500	E1318	20150318	2230	46		11 6	4.7	1029	9990	x	--x----	8	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	-	-	-	x
0156	SOCX39BAS	W	LANDSKRONA	N5552.0	E1245.0	20150319	0415	51		09 3	2.9	1029	9990	x	--x----	9	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	-	-	-	-
0157	KAEX29BAS		ANHOLT E	N5640.0	E1207.0	20150319	0900	63	8	13 2	3.7	1030	1120	x	-xxxx--	10	x	x	x	-	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-
0158	KANX50BAS	N14	FALKENBERG	N5656.40	E1212.70	20150319	1140	31	9	26 3	4.2	1030	1120	x	-xxxx--	7	x	x	x	-	x	x	x	x	x	x	x	-	-	-	-	-	-	-	x
0159	KANX25BAS		FLADEN	N5711.5	E1140	20150319	1500	84	8	26 2	5.8	1028	1220	x	--x----	12	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	-	-	-	x
0160	SKEX23BAS	P2		N5752	E1118	20150319	1905	94		25 2	4.8	1026	9990	x	--x----	10	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	-	-	-	x
0161	SKEX00BAS		DRIFTERS F	N5804.56	E1044.74	20150319	2140	254		25 3	4.9	1025	9990	x	-----	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x
0162	SKEX00BAS		CTD VAJER 1	N5817.02	E1012.00	20150320	0003	450					9990	x	-----	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x
0163	SKEX00BAS		CTD VAJER 2	N5817.61	E1010.75	20150320	0121	510					9990	x	-----	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x
0164	SKEX18BAS	Å17		N5816.5	E1030.8	20150320	0420	355		25 3	4.9	1020	9990	x	--xxx--	15	-	x	x	x	-	x	x	x	x	x	x	-	-	-	-	-	-	-	-
0165	SKEX17BAS	Å16		N5816	E1043.5	20150320	0615	202		24 4	4.9	1020	2820	x	-----	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x
0166	SKEX16BAS	Å15		N5817.7	E1051	20150320	0735	136		26 5	4.9	1019	2830	x	--x----	12	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	-	-	-	x
0167	SKEX15BAS	Å14		N5819	E1056.5	20150320	0845	111		28 4	4.9	1019	6830	-	-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x
0168	SKEX14BAS	Å13		N5820.2	E1102	20150320	0935	105		29 4	4.7	1018	2730	x	--x----	10	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	-	-	-	x
0169	FIBG27BAS		SLÄGGÖ	N5815.5	E1126.0	20150320	1130	76	8	24 2	5.1	1017	1420	x	--xxx--	9	x	x	x	-	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-
0170	KAEX29BAS		ANHOLT E	N5640.0	E1207.0	20150320	2215	63		23 5	4.8	1013	6990	x	--xxx--	10	x	x	x	-	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-
0171	BPSH05BAS		HANÖBUKTEN	N5537	E1452	20150321	1820	80		05 17	2.0	1021	1650	-	-----	1	x	x	-	x	-	x	x	x	x	x	-	x	-	-	-	-	-	-	x

SMHI
Ocean enh

***** Hydrographic
series

Ship: 01-Aranda
Year: 2015

Date: 2015-03-23
Time: 11:39

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 aoae hd	C t d	PPCPZZT Hrhhhoor Cilyooa motPBw PrP l	No de	T e	S a	P h	O x	H 2	P o	T o	N o	N o	N o	T h	A o	S l	H i	L u	P i	P 0	T 0	C 0	
0172	BPWK01BAS	REF	M1V1	N5622.25	E1612.1	20150322	0115	21		36 8	-1.0	1028	9990	x	-xxxx--	5	x	x	x	x	-	x	x	x	x	x	x	x	x	x	-	-	-	-	-	-
0173	BPSE00EXT	4.5	NO ÖLANDS SÖDRA	N5610.06	E1638.64	20150322	0640	60		36 6	0.1	1029	1330	x	-----	9	x	x	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x
0174	BPWX00EXT	14	SE KAPELLUDDEN	N5639.5	E1710.13	20150322	1040	84		24 8	1.2	1027	1530	x	-----	11	x	x	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0175	BPWX45BAS	BY38	KARLSÖDJ	N5707	E1740	20150322	1410	110	11	24 11	2.3	1023	2730	x	--x----	14	x	x	-	x	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0176	BPWX38BAS	BY32	NORRKÖPINGSDJ	N5801	E1759	20150322	1945	202		14 13	2.7	1017	9990	x	--x----	17	x	x	-	x	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-

□E

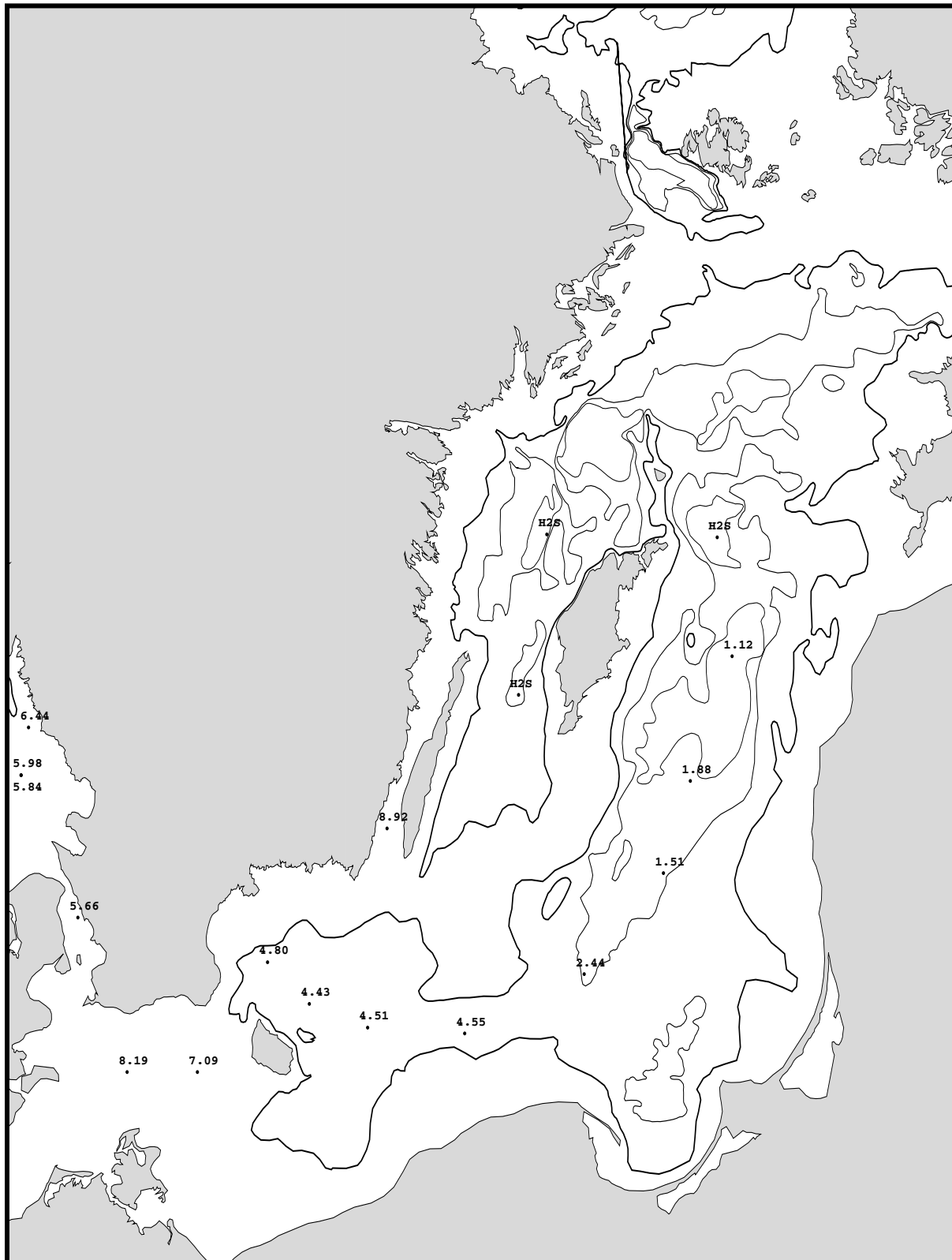
Bottom water oxygen concentration (ml/l)

Country: Finland

Ship : Aranda

Date : 20150317-20150322

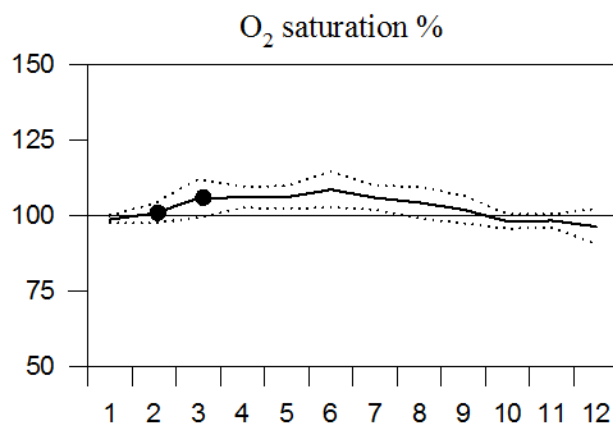
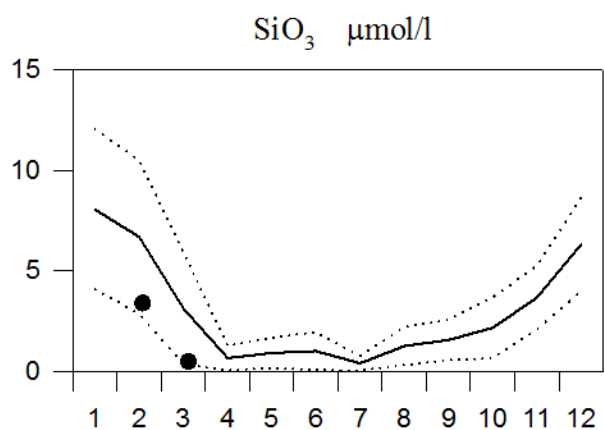
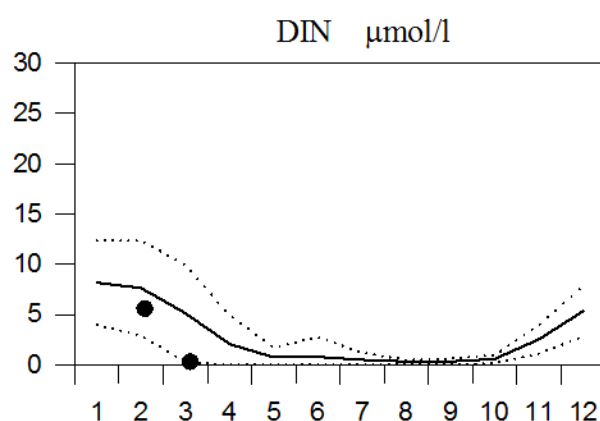
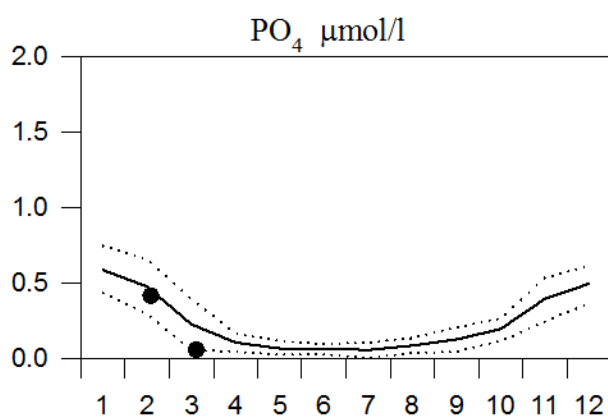
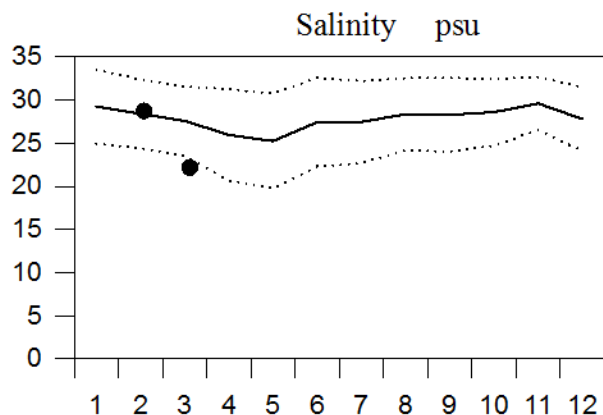
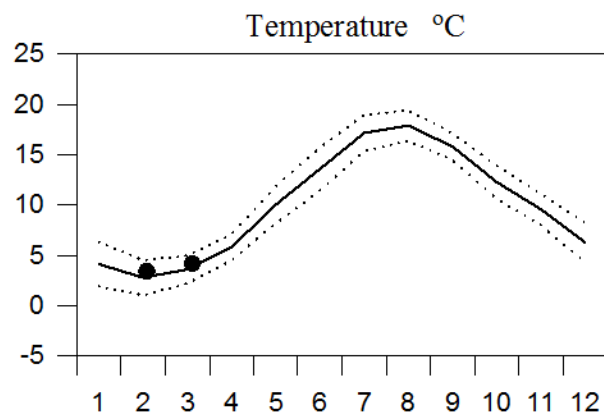
Series : 0145-0176



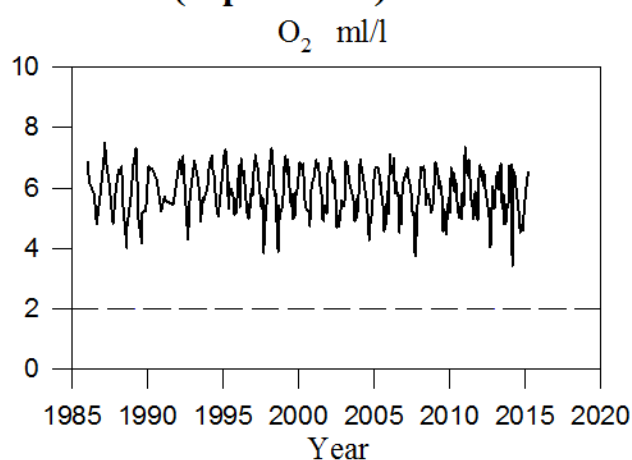
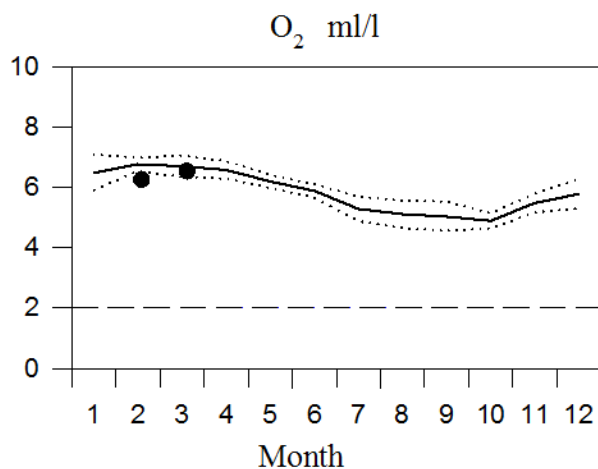
STATION P2 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

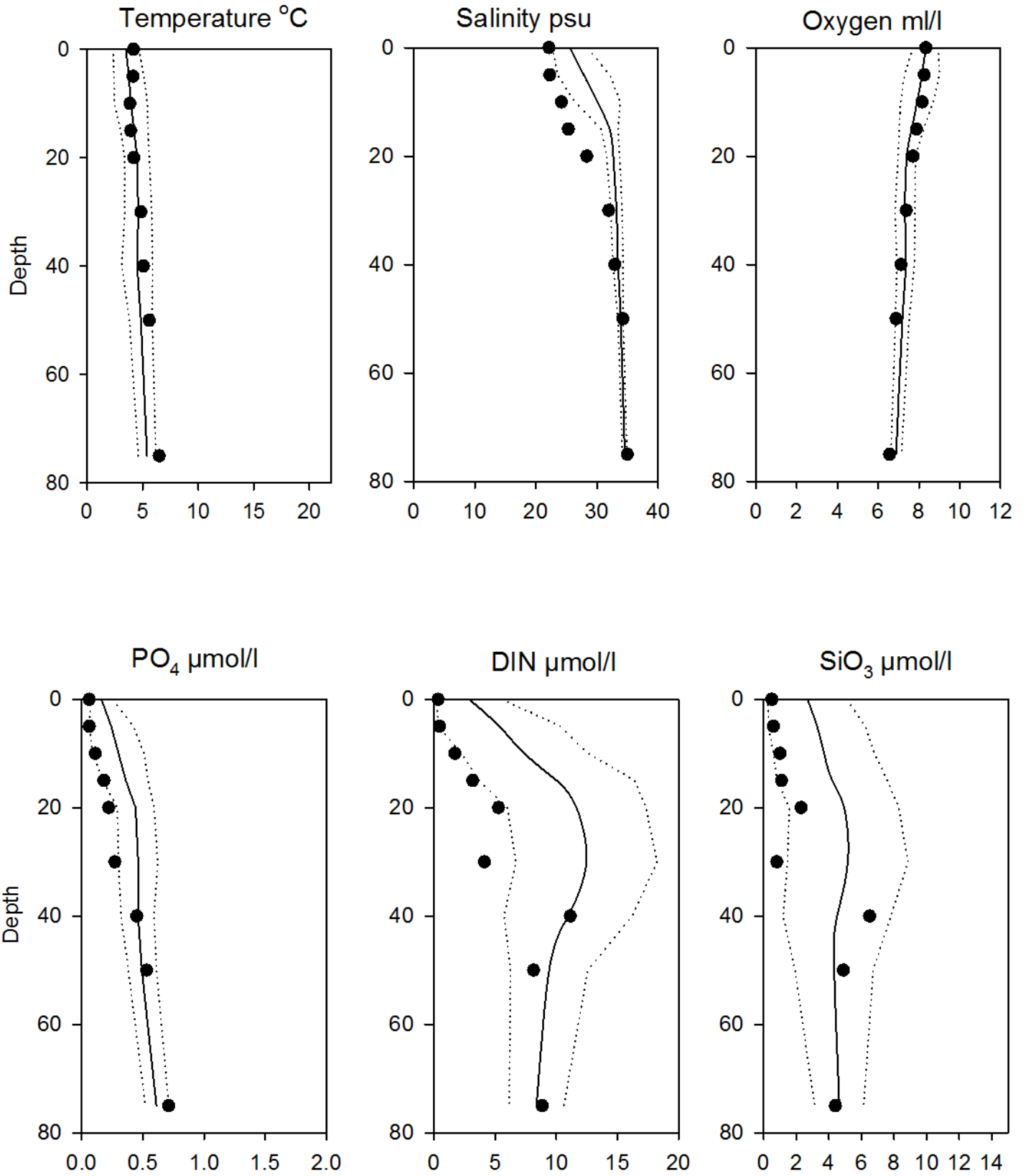


OXYGEN IN BOTTOM WATER (depth >75m)



Vertical profiles P2 March

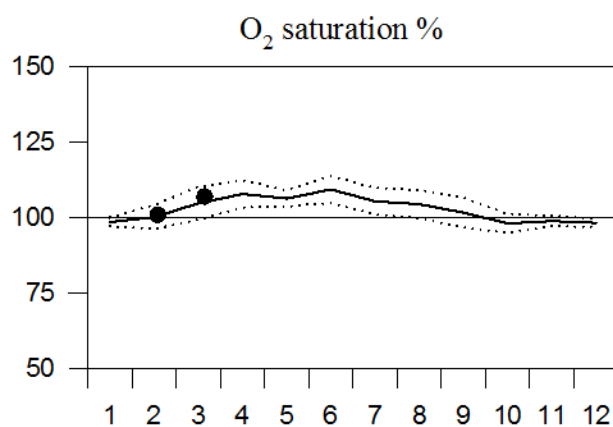
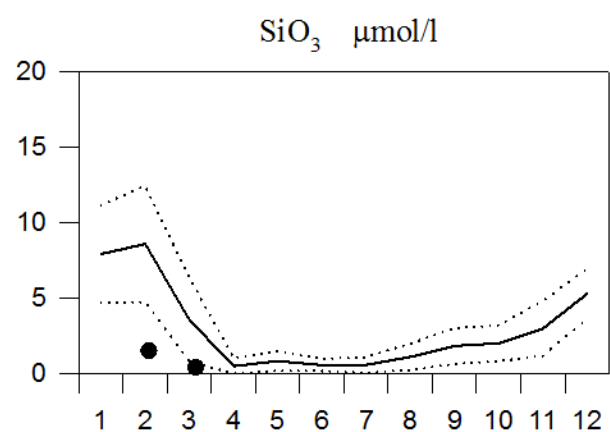
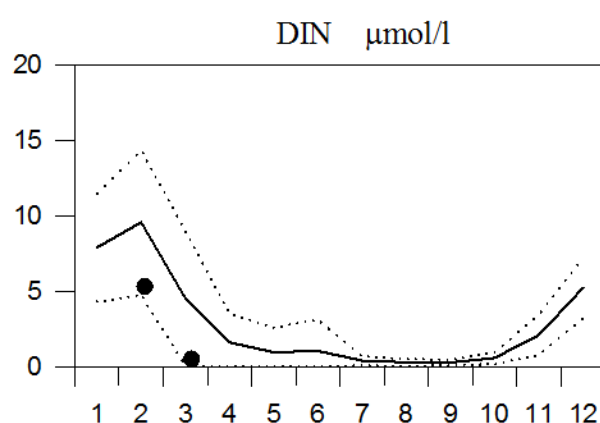
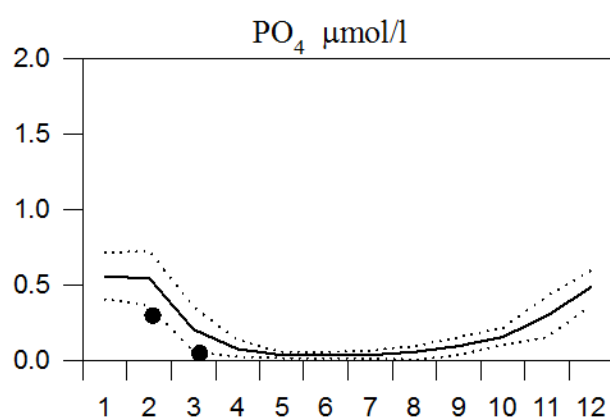
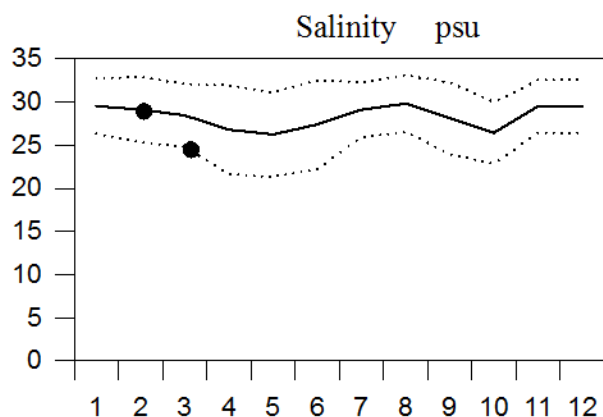
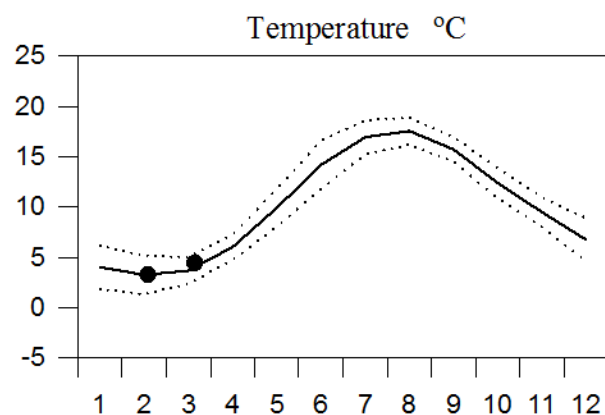
— Mean 1996-2010 St.Dev. ● 2015



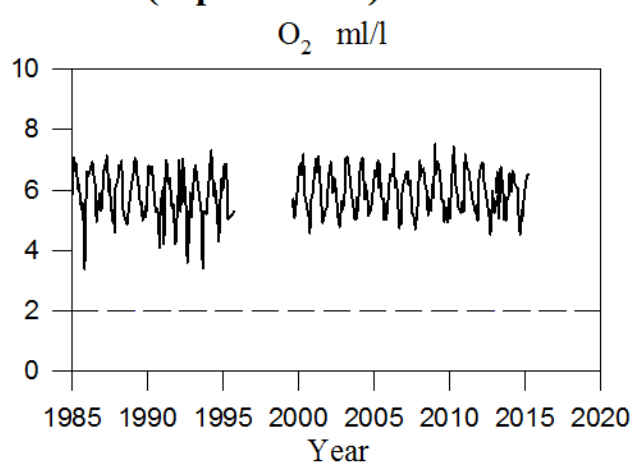
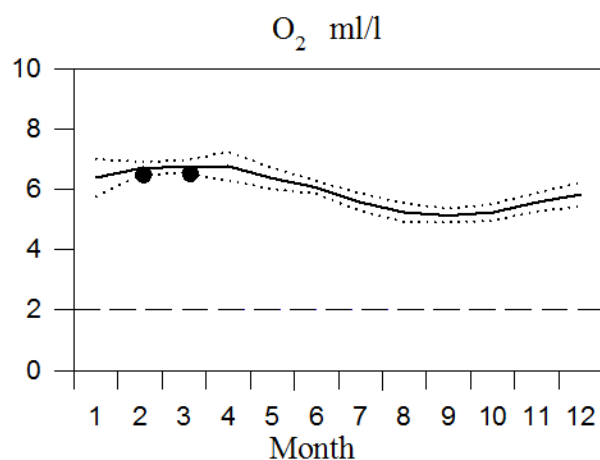
STATION Å13 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

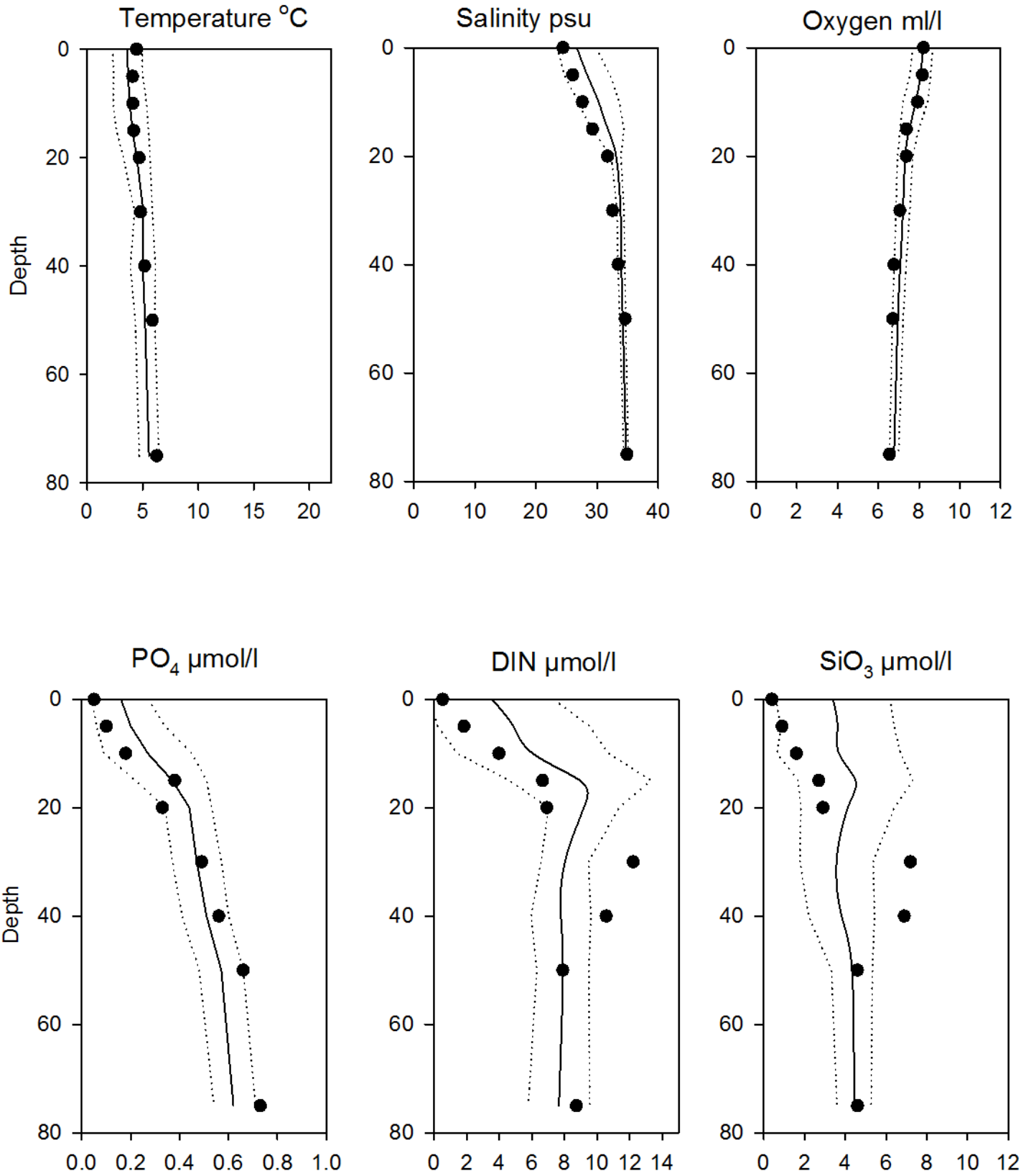


OXYGEN IN BOTTOM WATER (depth >=75m)



Vertical profiles Å13 March

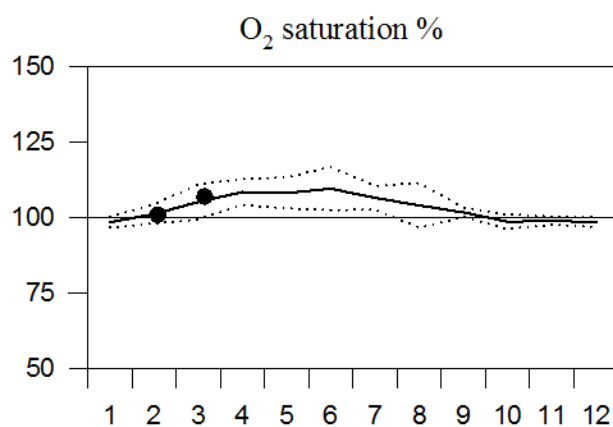
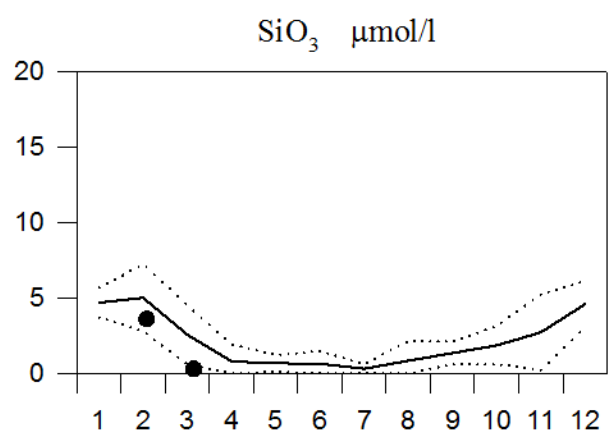
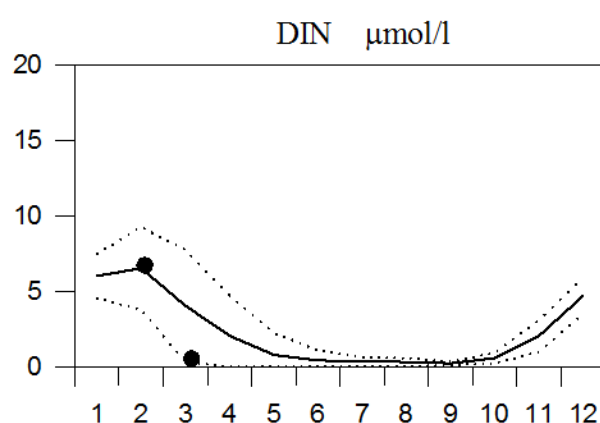
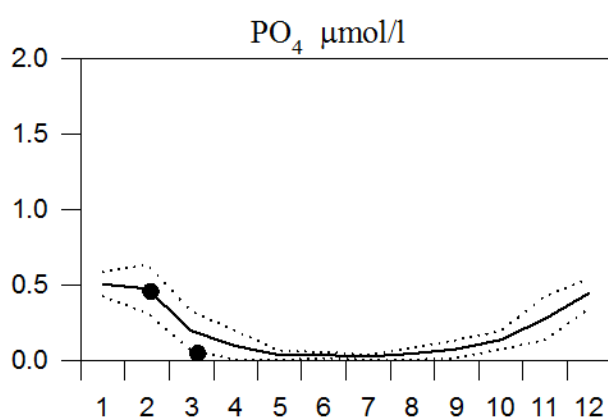
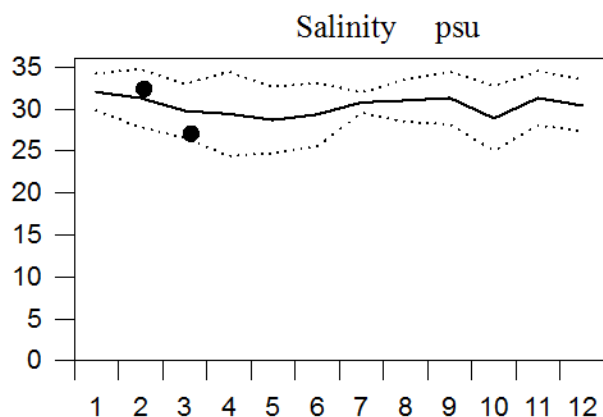
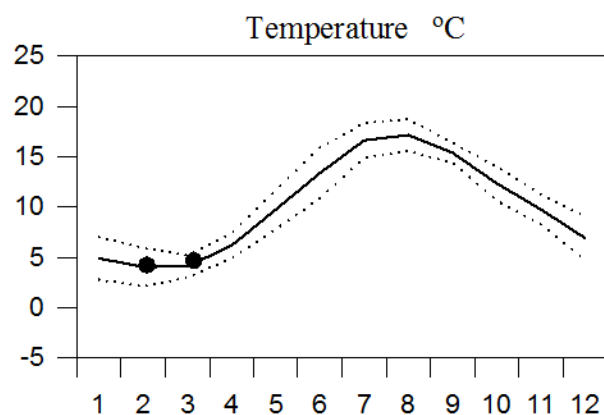
— Mean 1996-2010 St.Dev. ● 2015



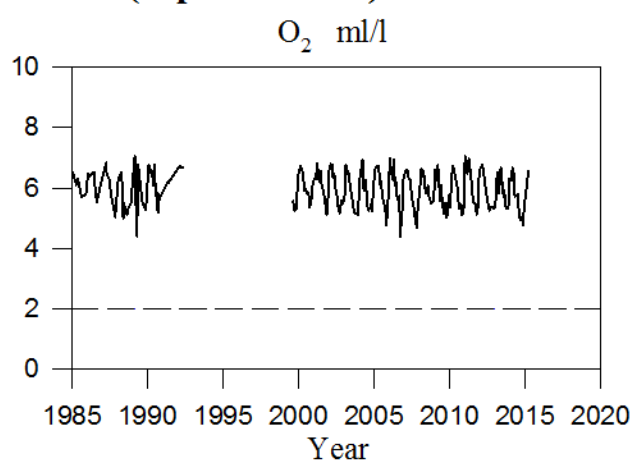
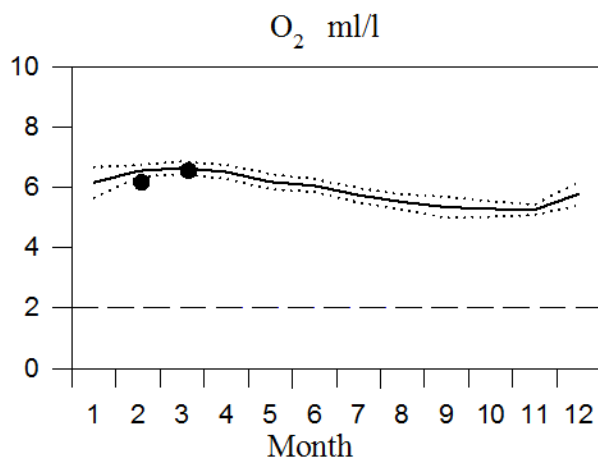
STATION Å15 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

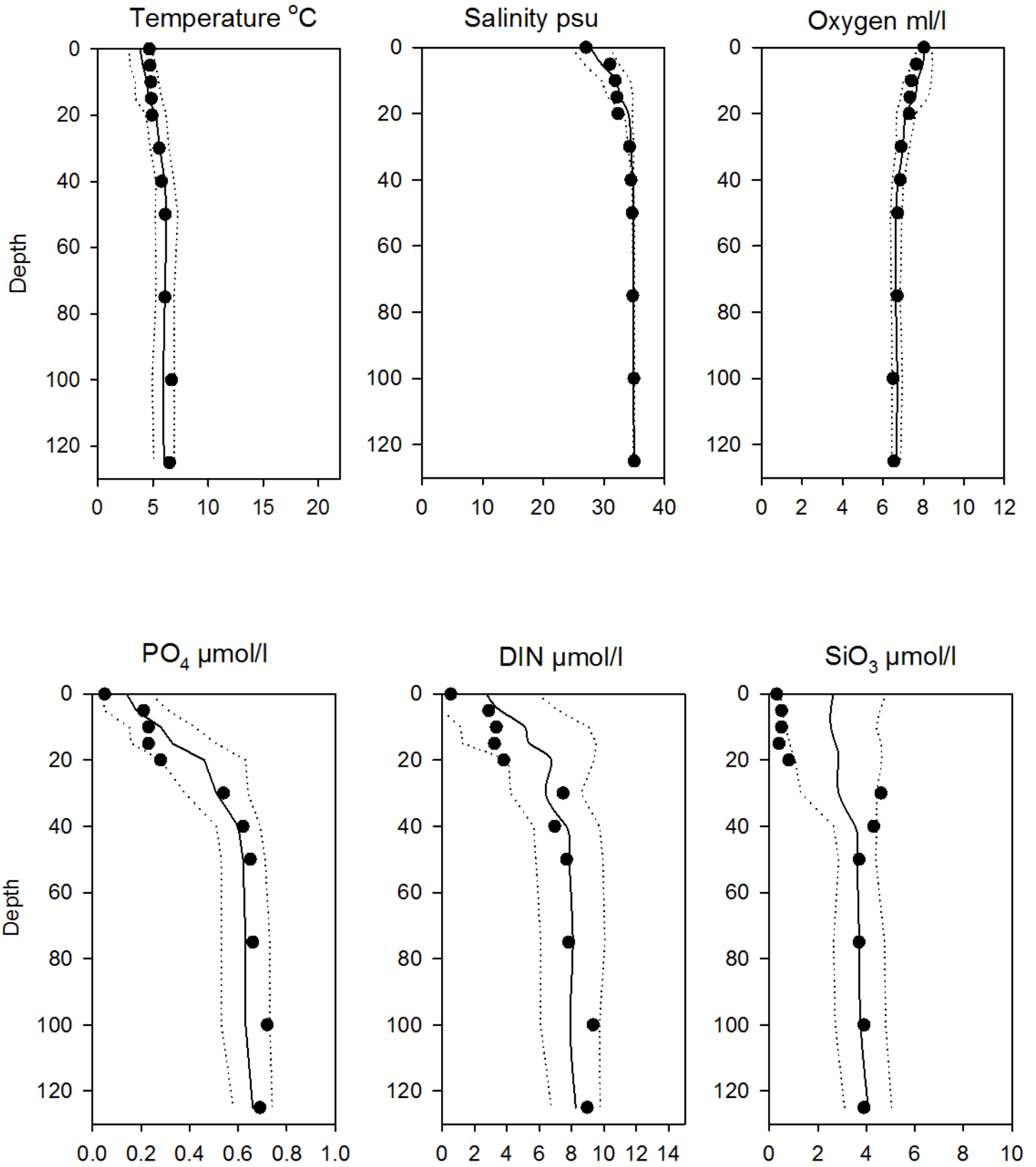


OXYGEN IN BOTTOM WATER (depth >=125m)



Vertical profiles Å15 March

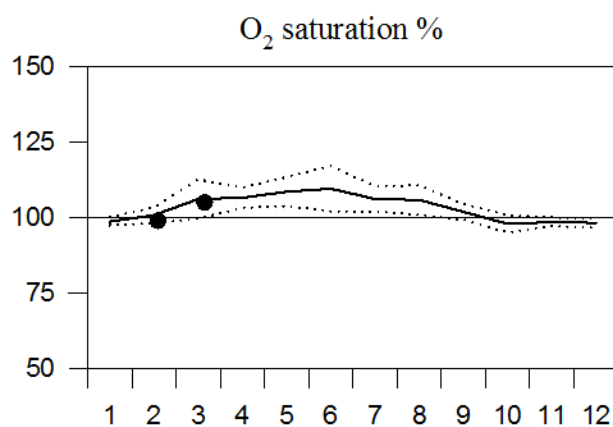
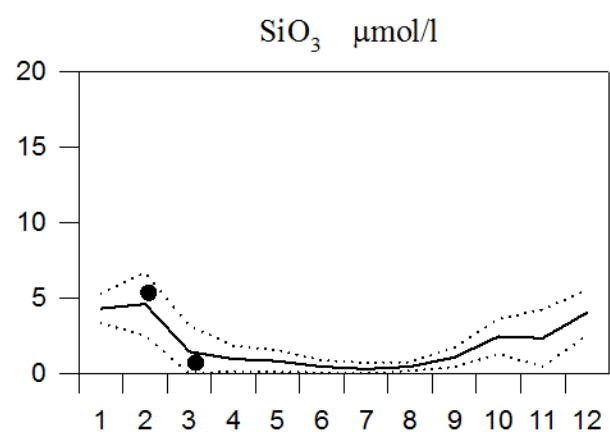
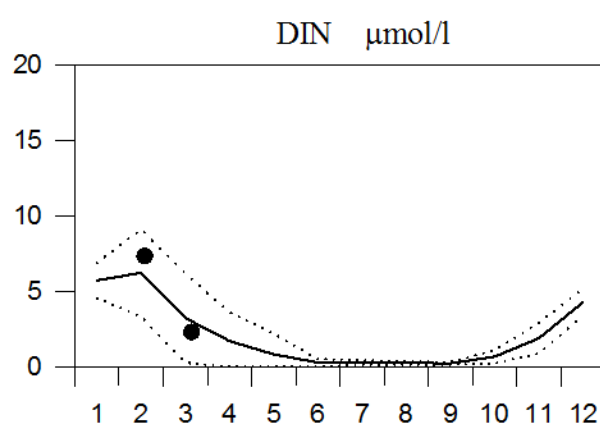
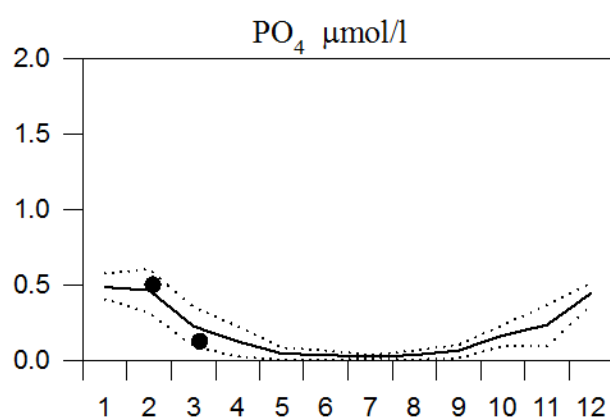
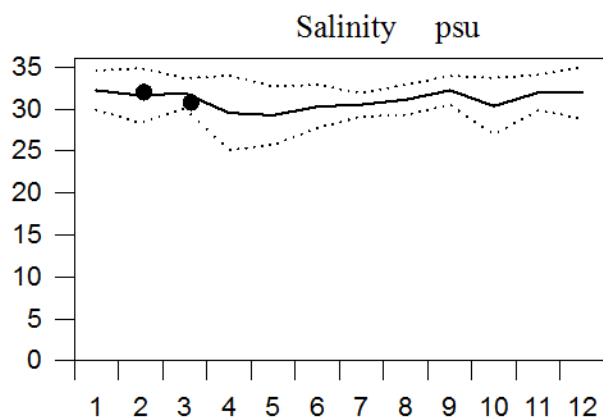
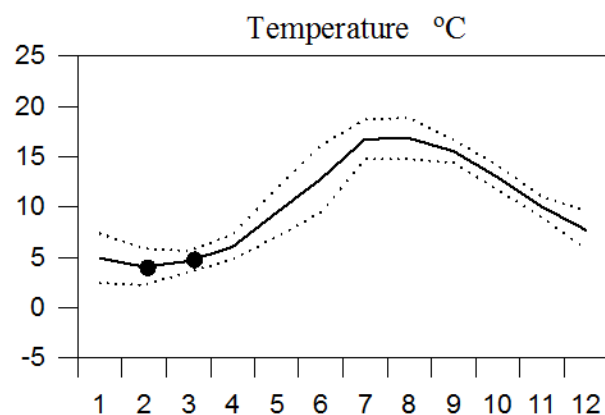
— Mean 1996-2010 St.Dev. ● 2015



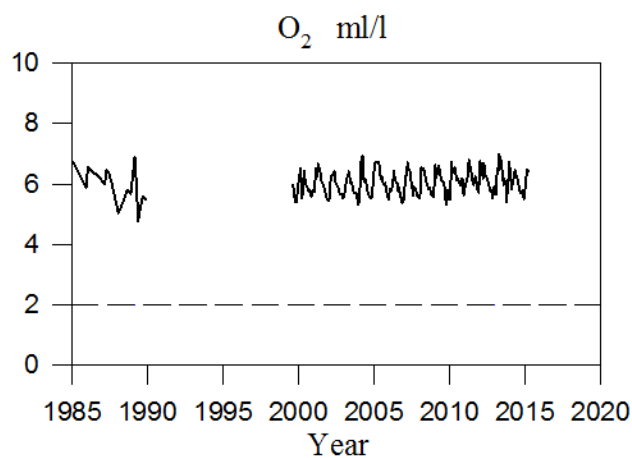
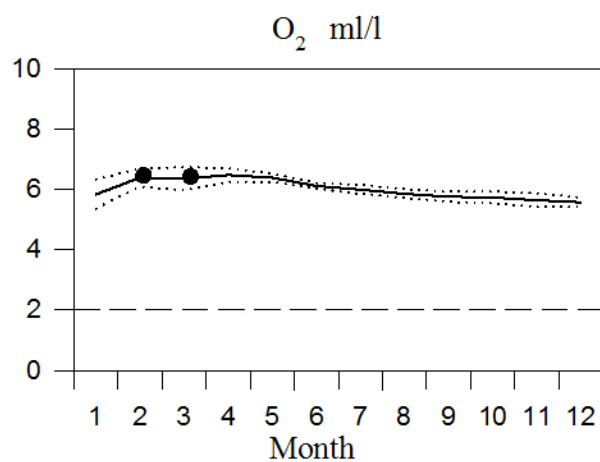
STATION Å17 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

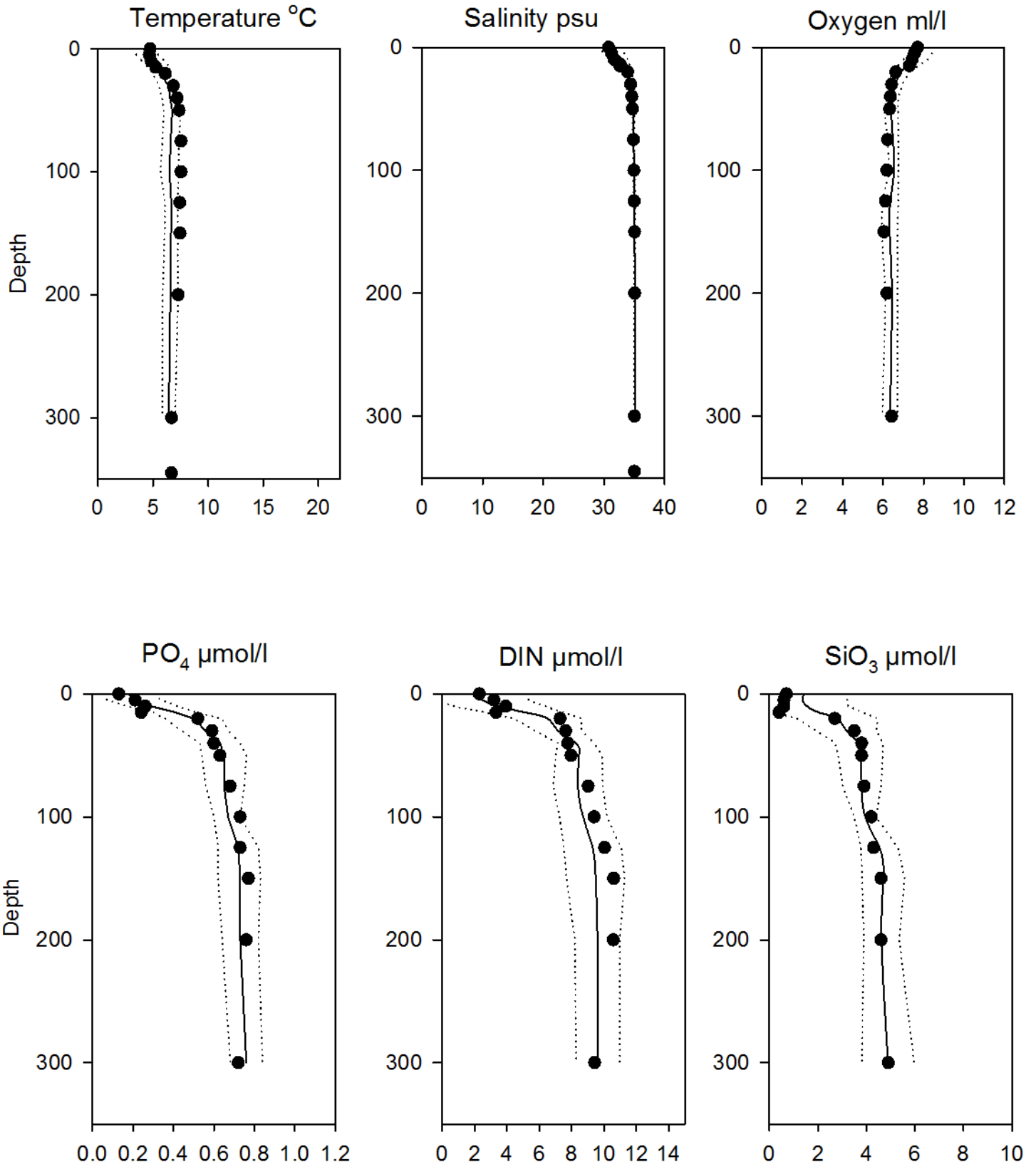


OXYGEN IN BOTTOM WATER (depth = 300m)



Vertical profiles Å17 March

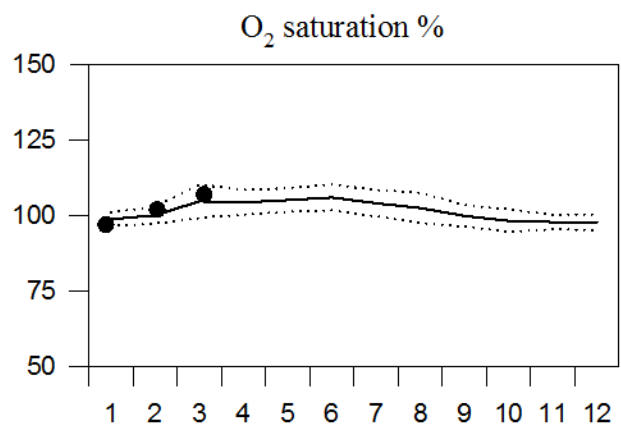
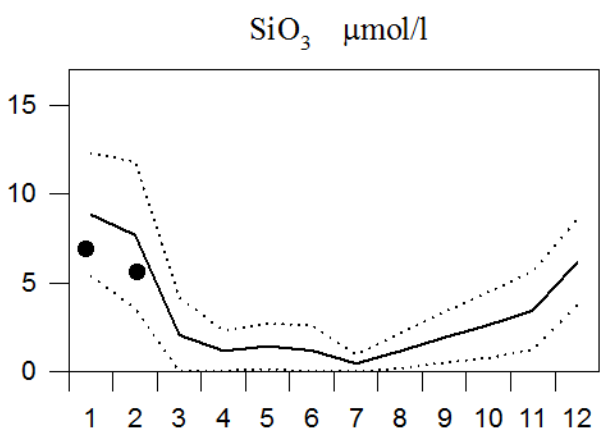
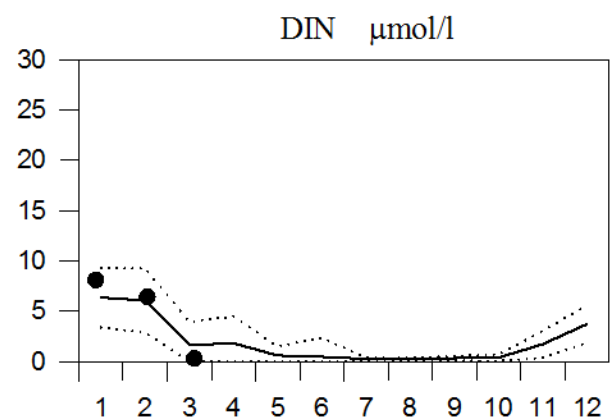
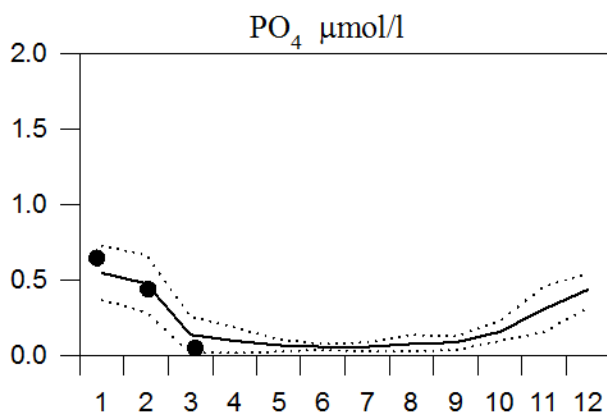
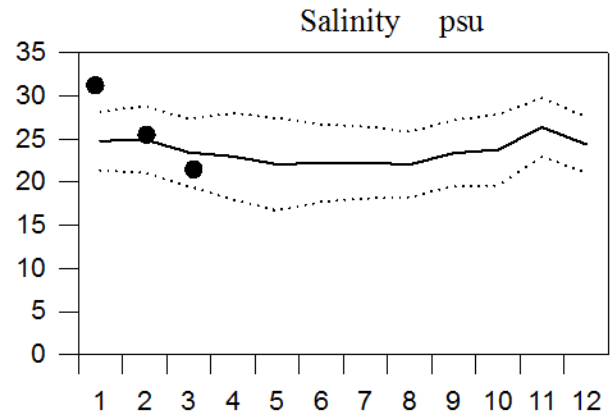
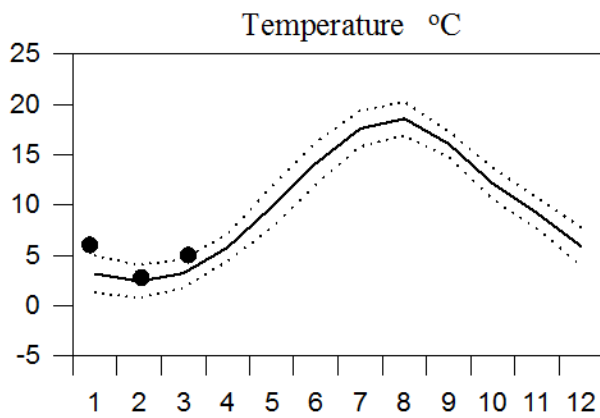
— Mean 1996-2010 St.Dev. ● 2015



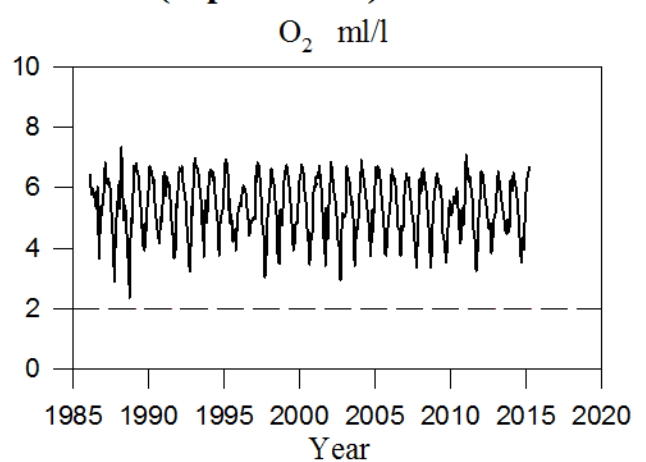
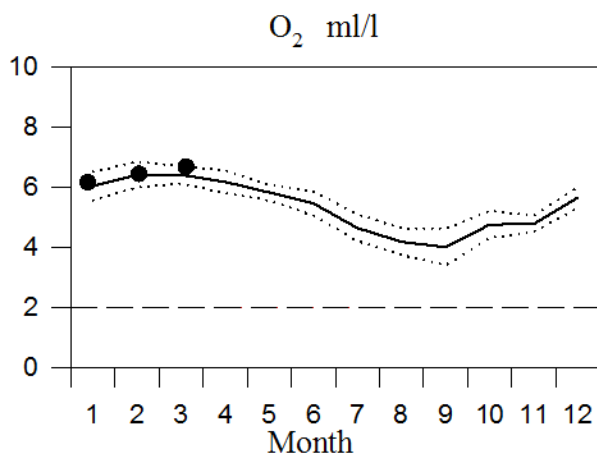
STATION FLADEN SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

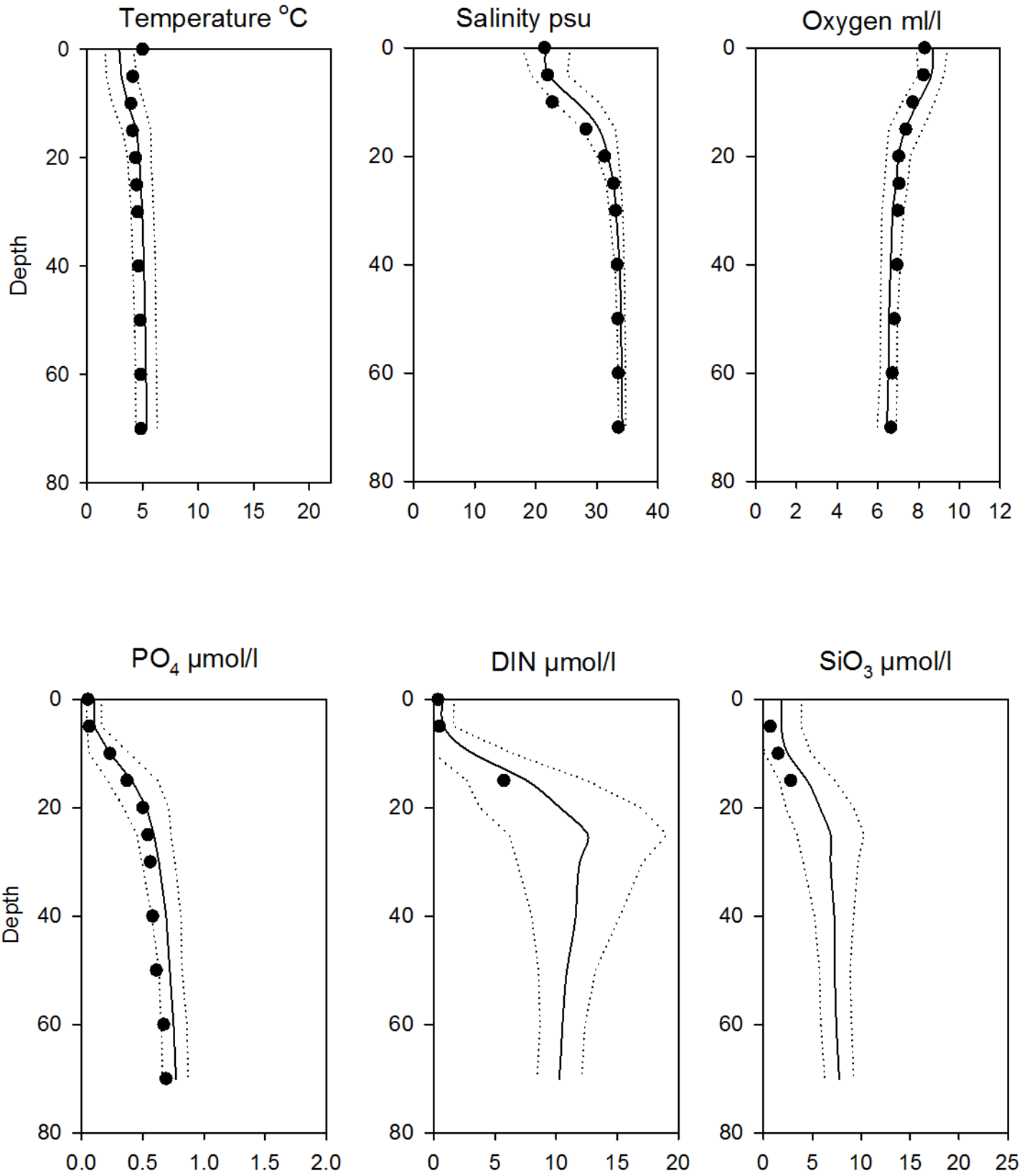


OXYGEN IN BOTTOM WATER (depth > 70m)



Vertical profiles Fladen March

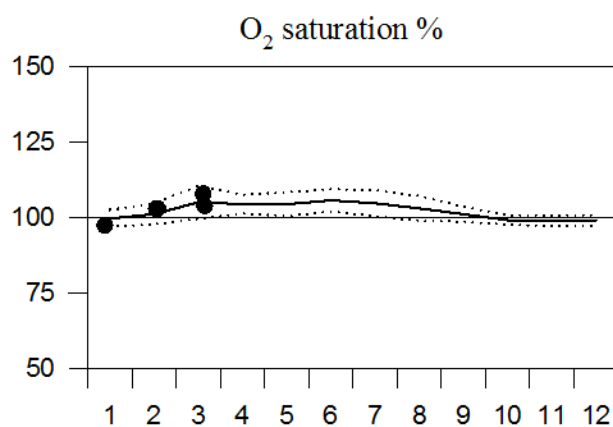
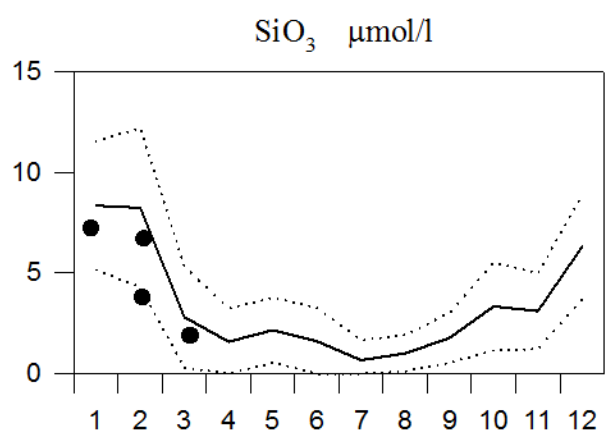
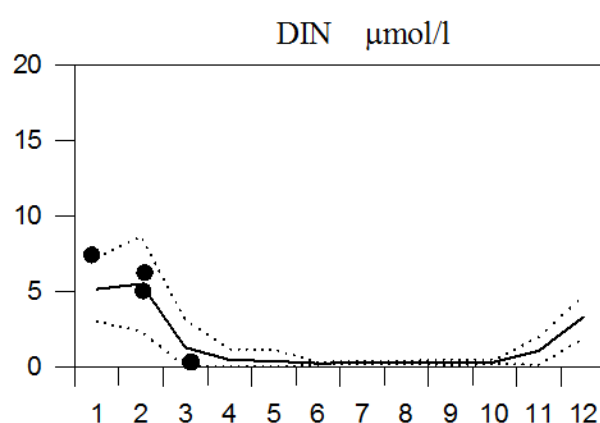
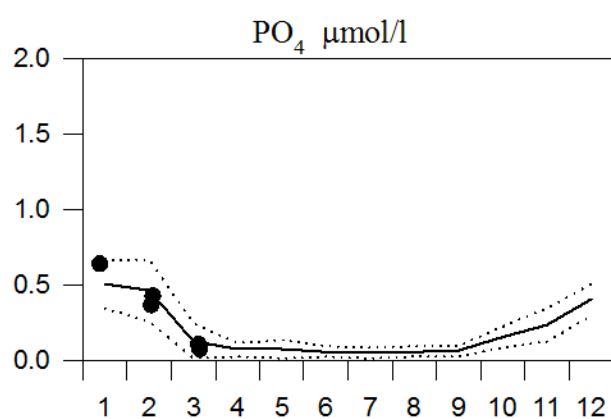
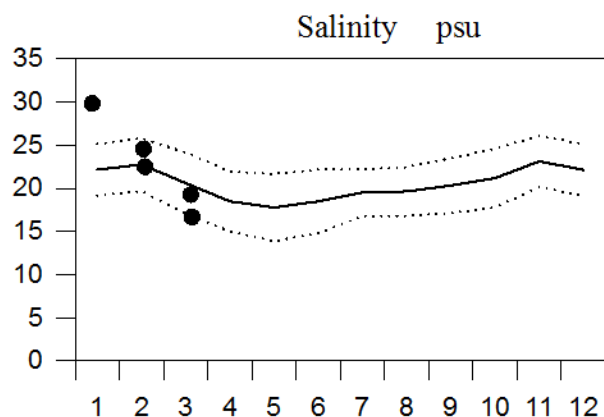
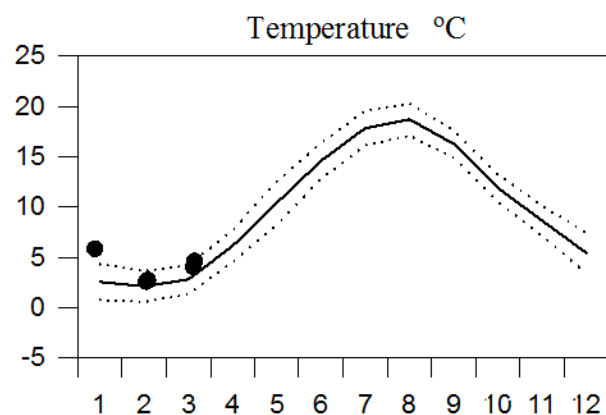
— Mean 1996-2010 St.Dev. ● 2015



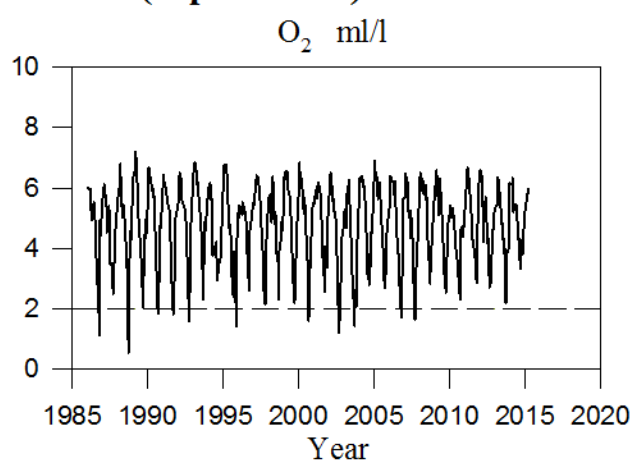
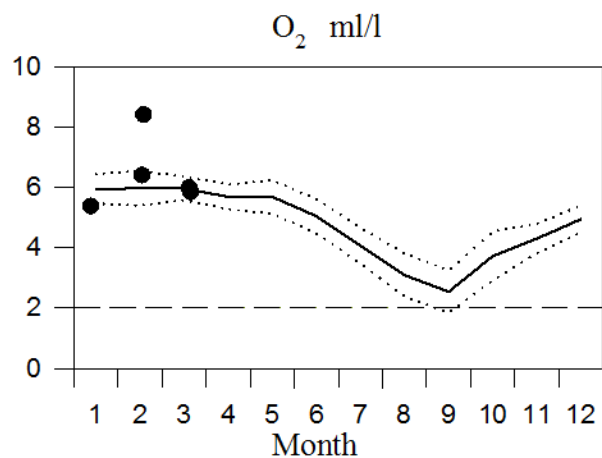
STATION ANHOLT E SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

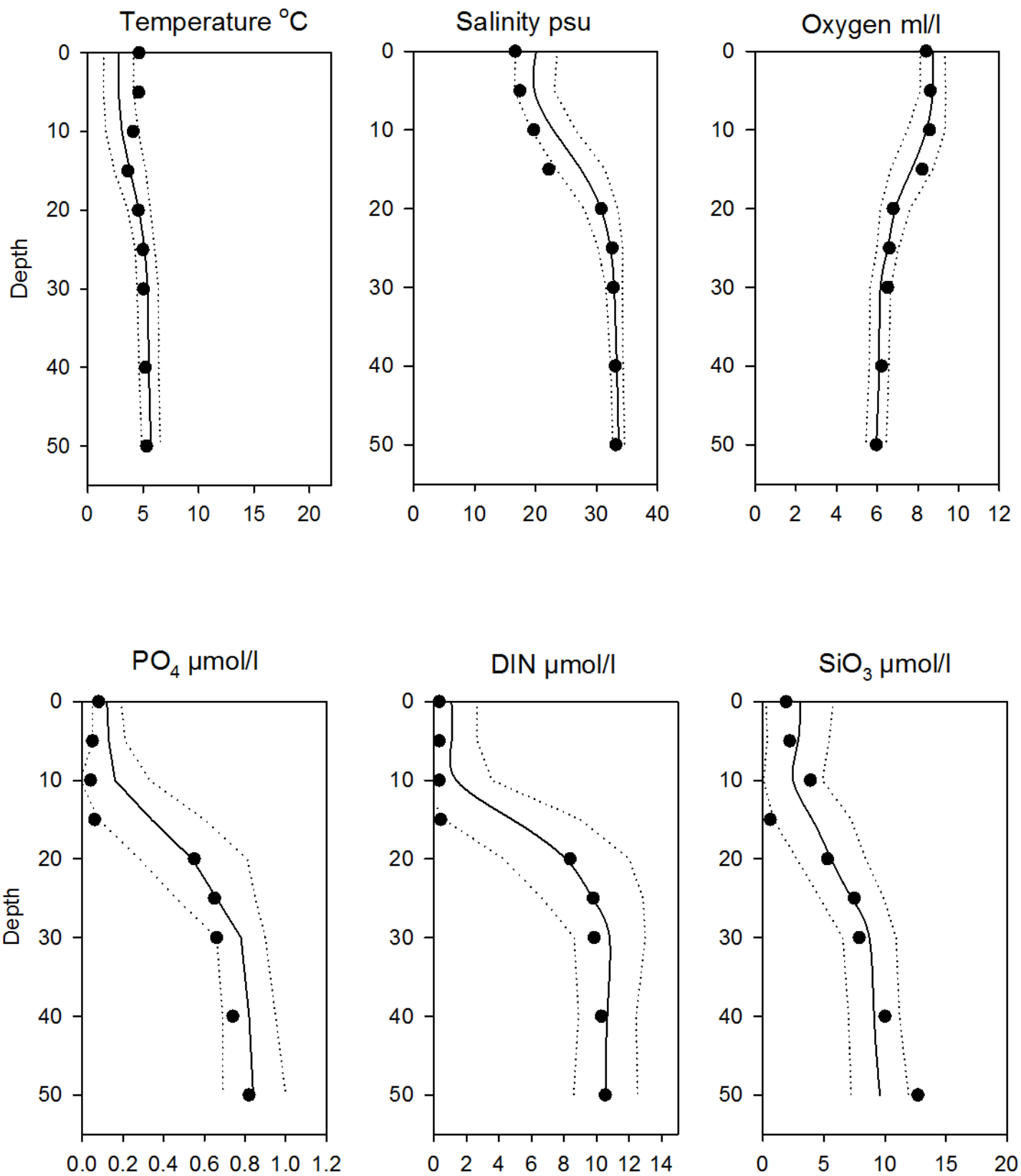


OXYGEN IN BOTTOM WATER (depth > 50m)



Vertical profiles Anholt E March

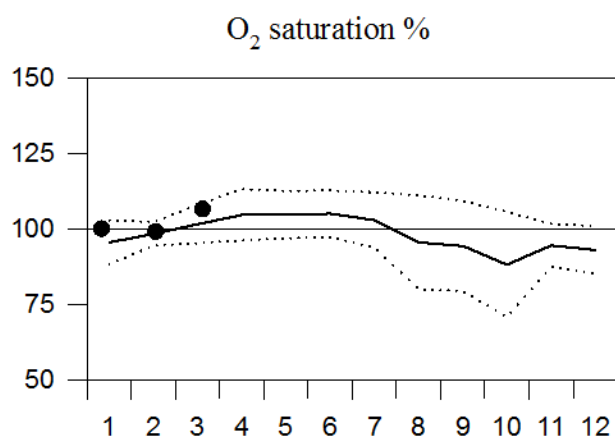
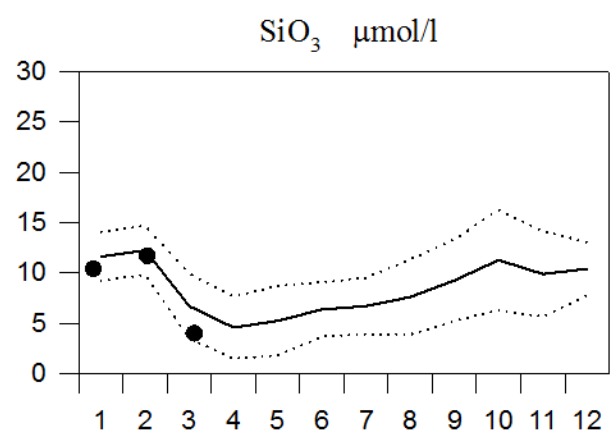
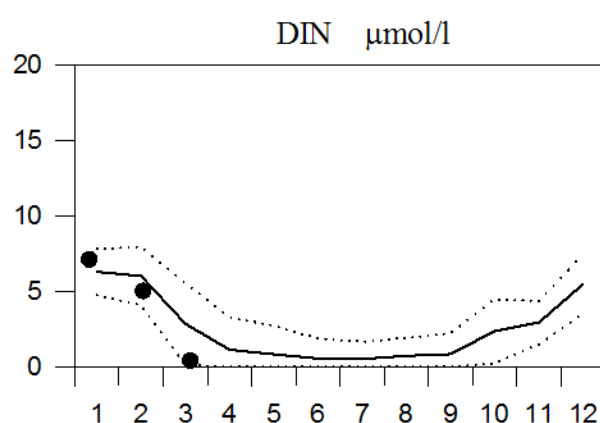
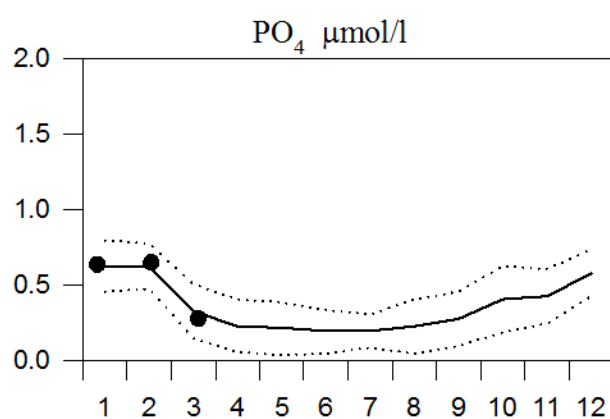
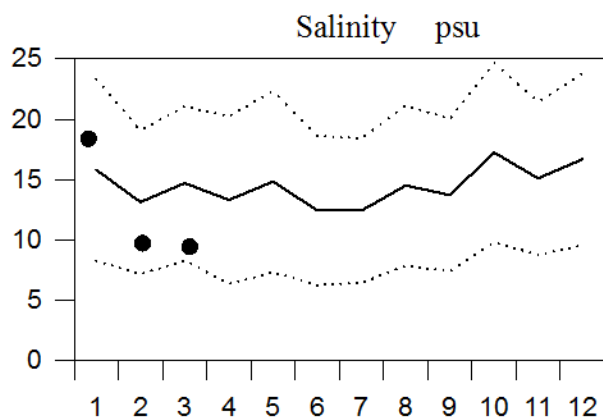
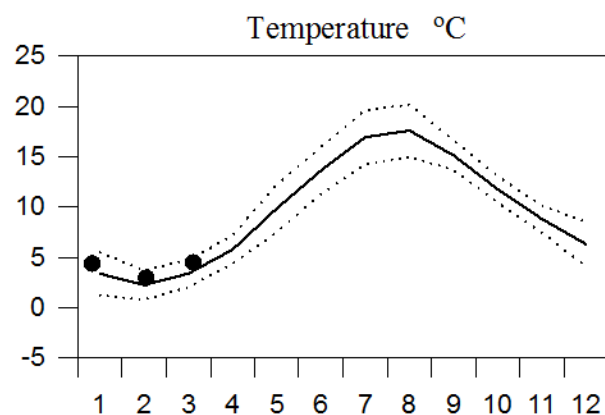
— Mean 1996-2010 St.Dev. ● 2015



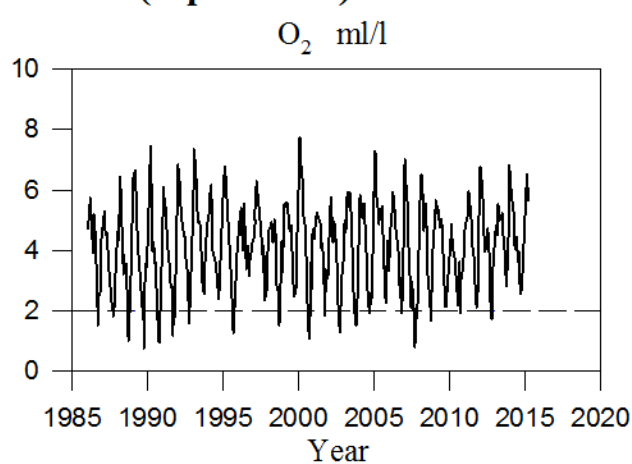
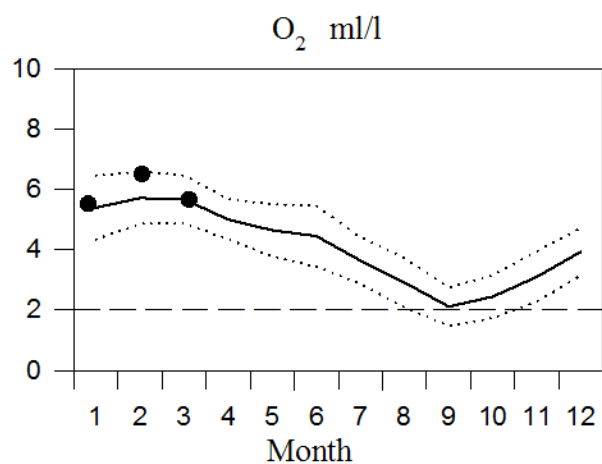
STATION W LANDSKRONA SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

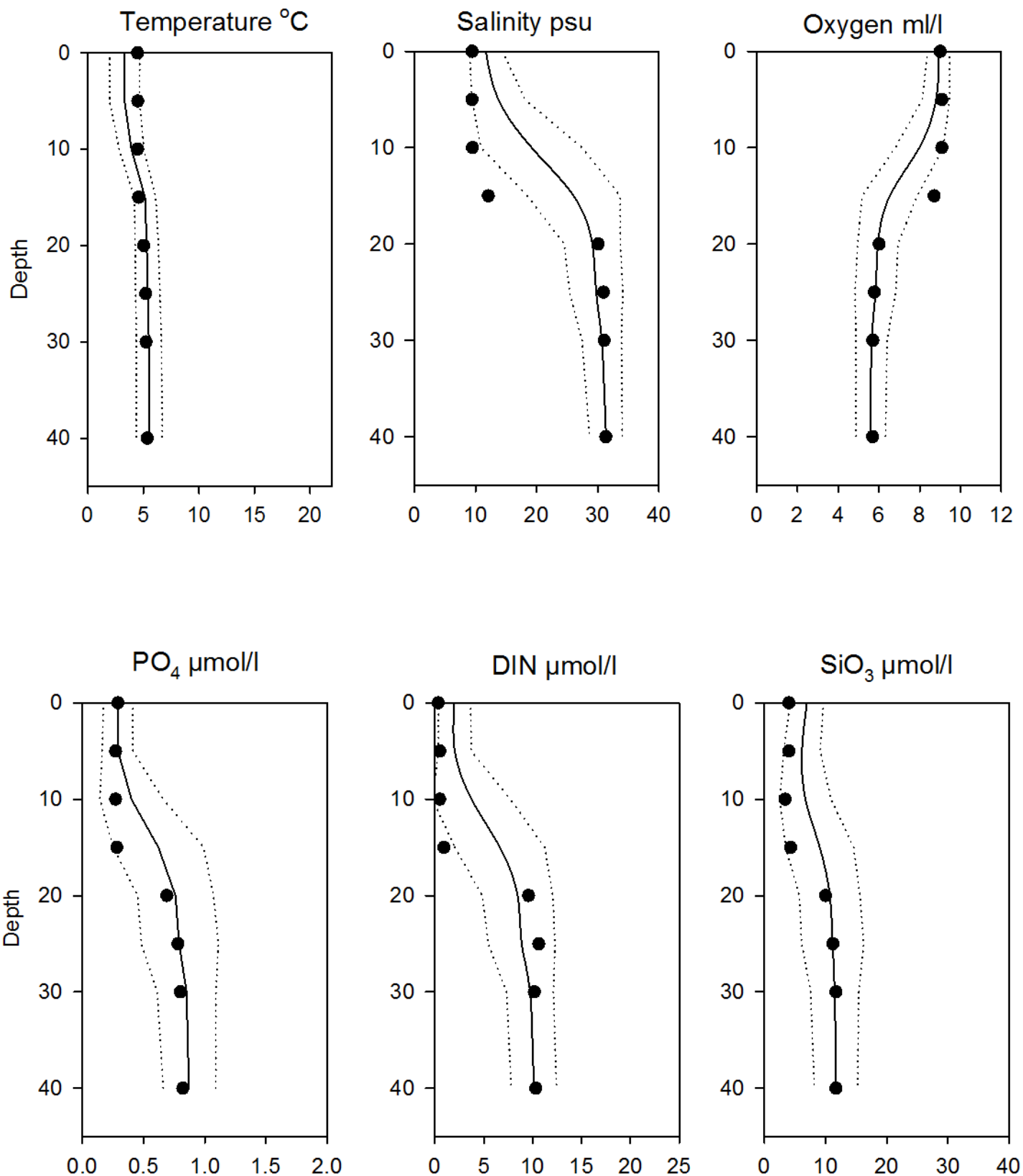


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles W Landskrona March

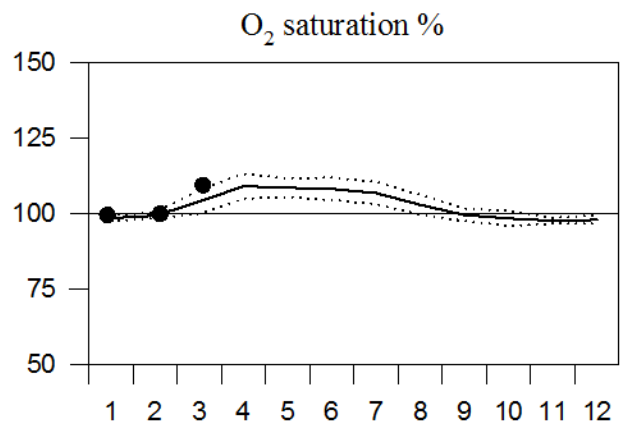
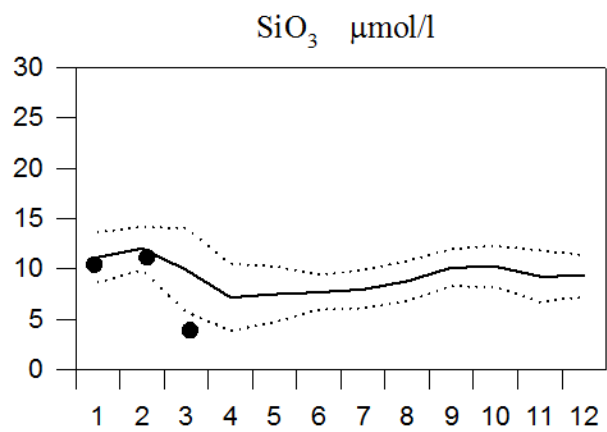
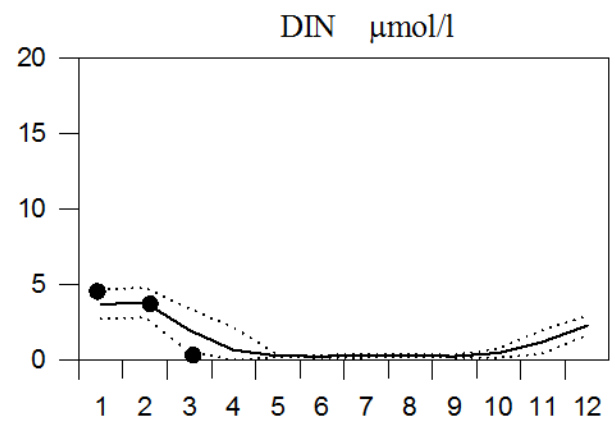
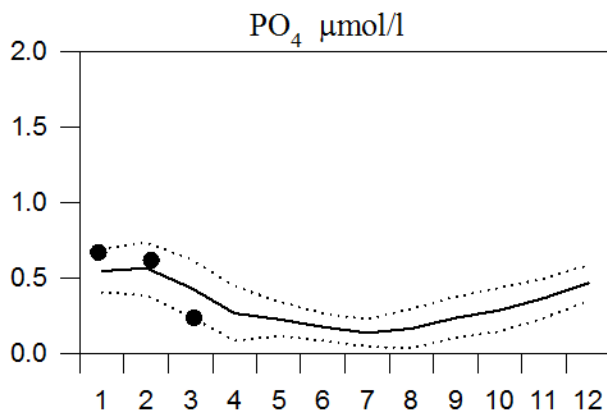
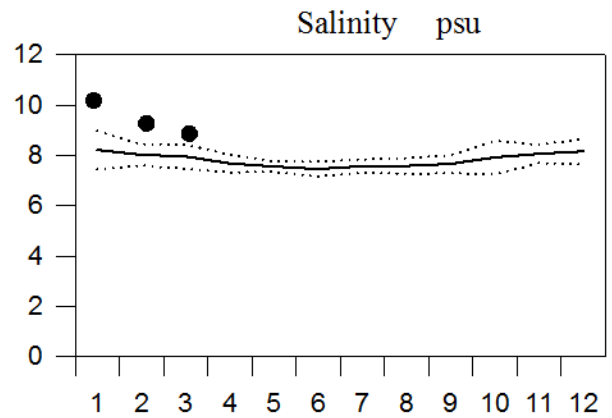
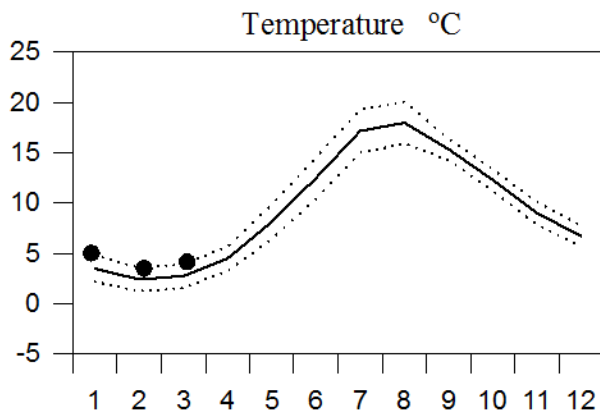
— Mean 1996-2010 St.Dev. ● 2015



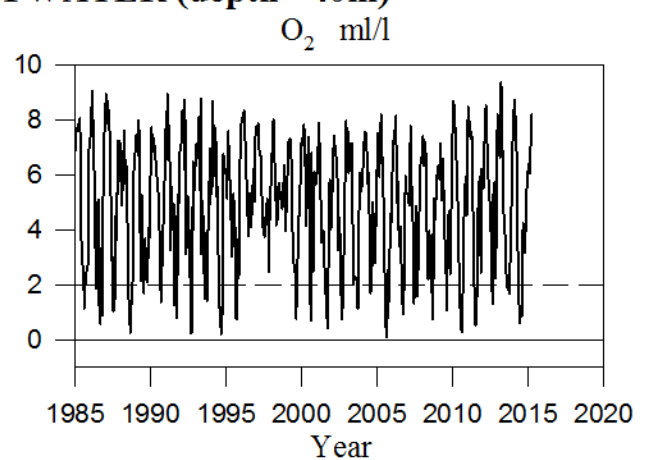
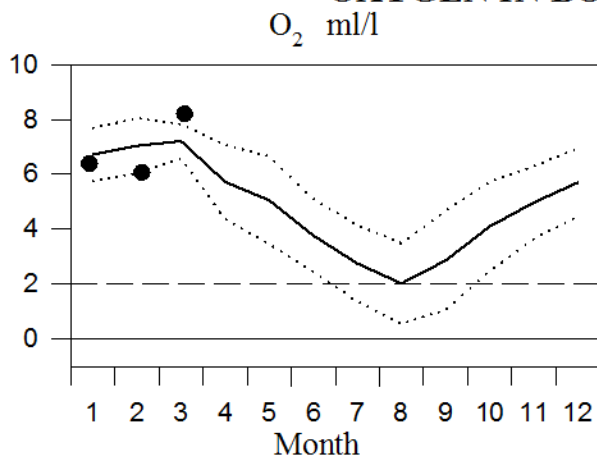
STATION BY1 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

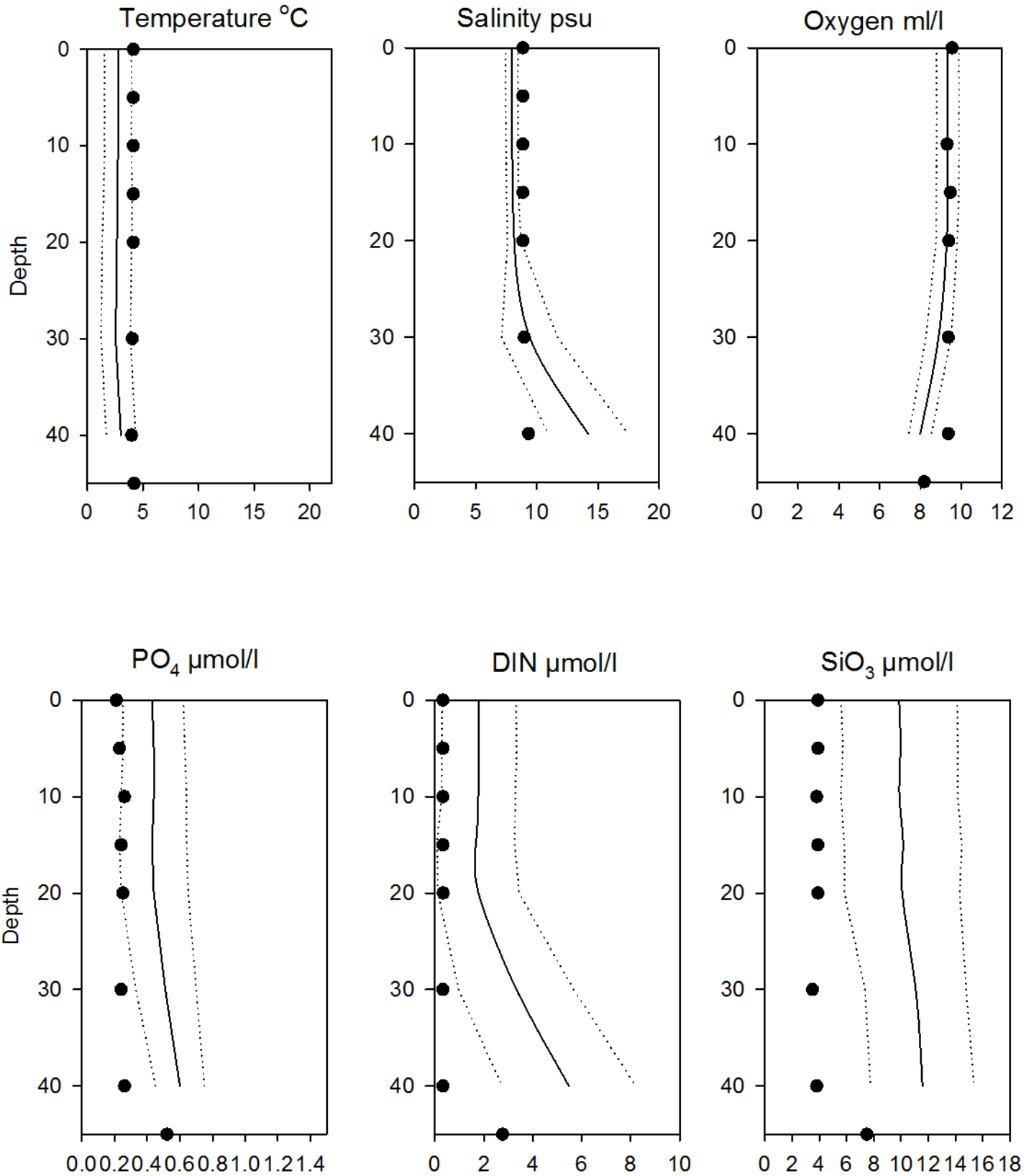


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles BY1 March

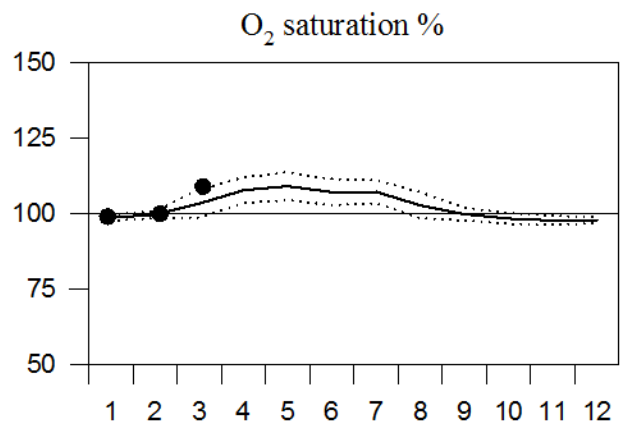
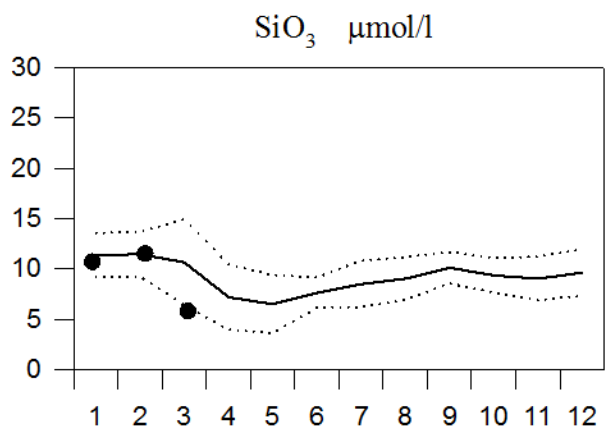
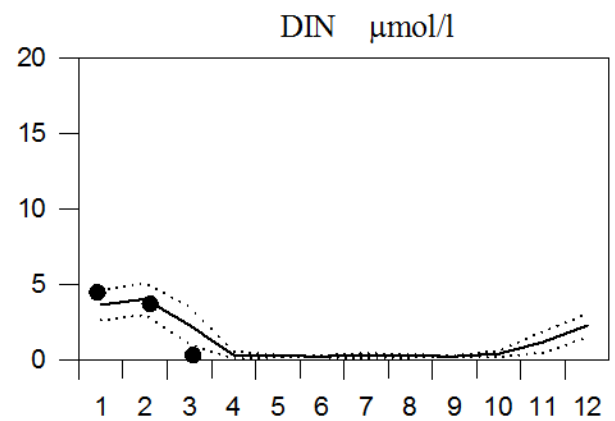
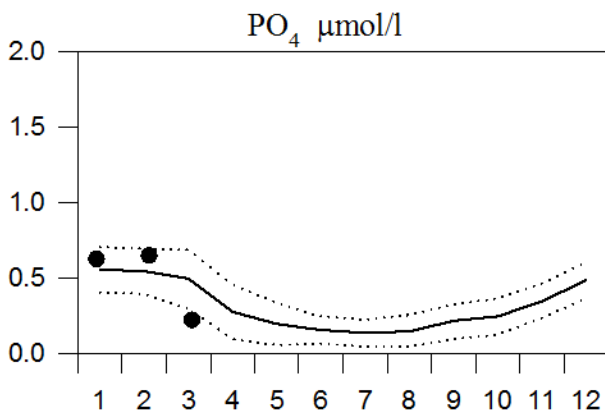
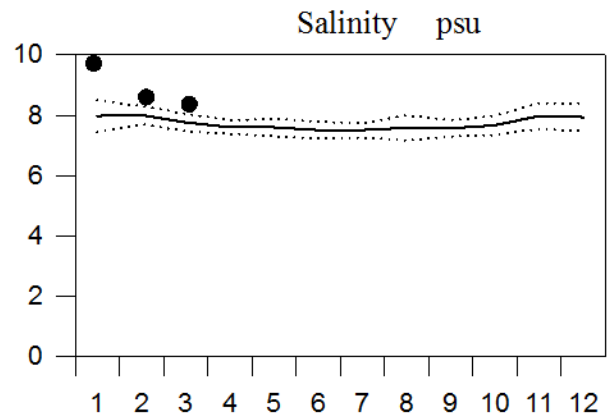
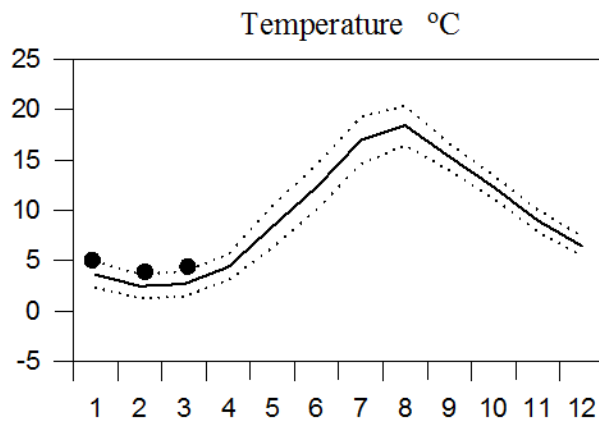
— Mean 1996-2010 St.Dev. ● 2015



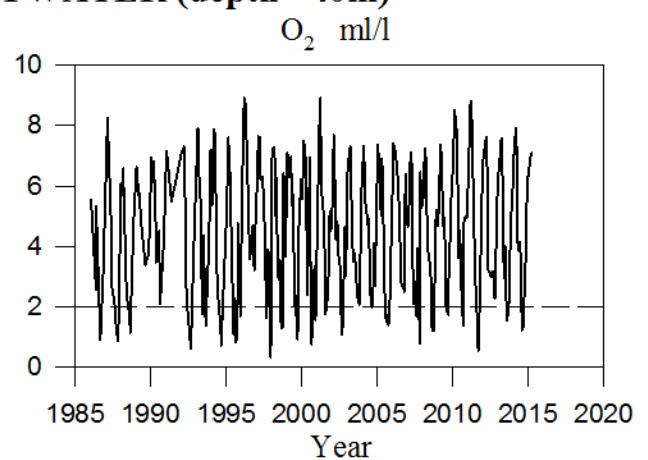
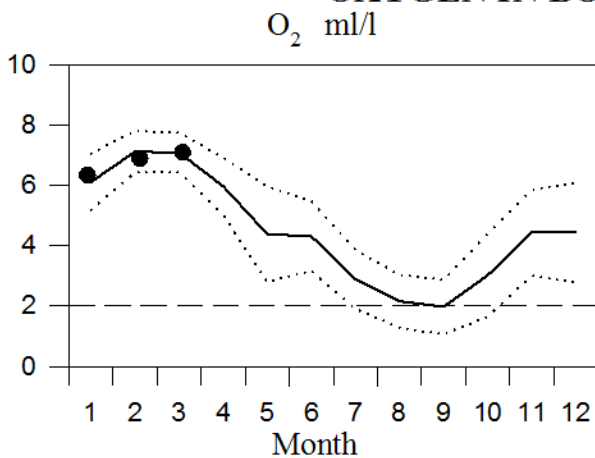
STATION BY2 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

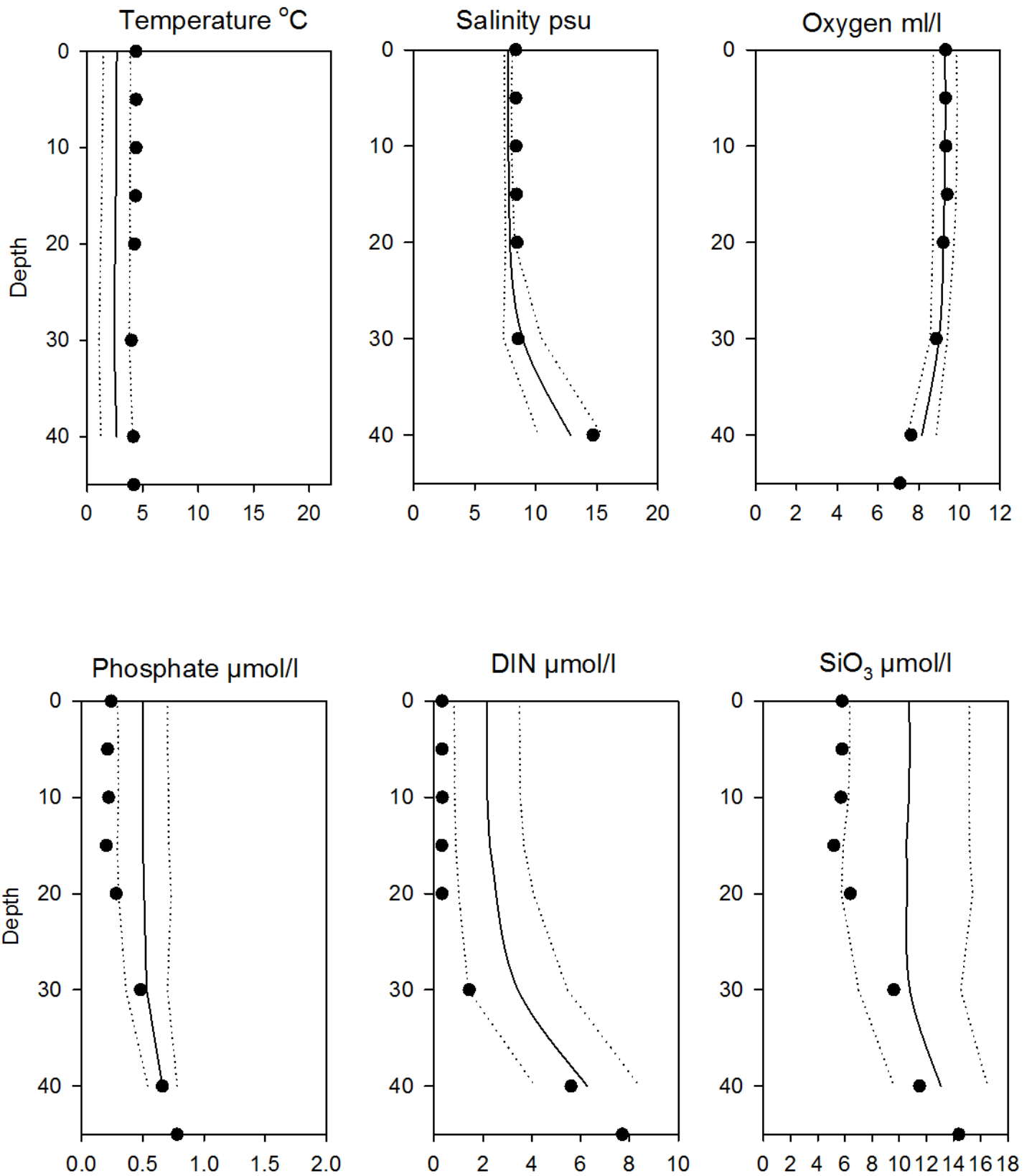


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles BY2 March

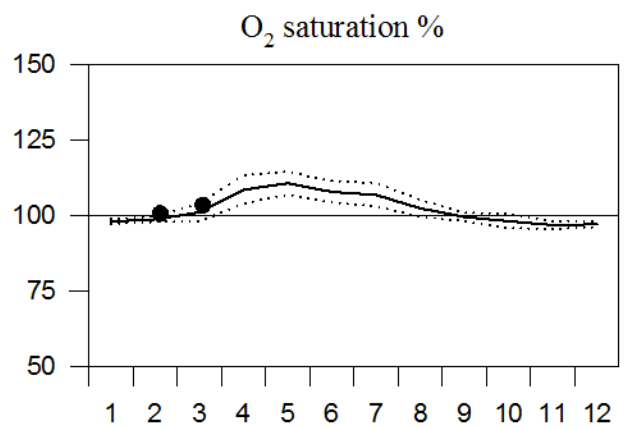
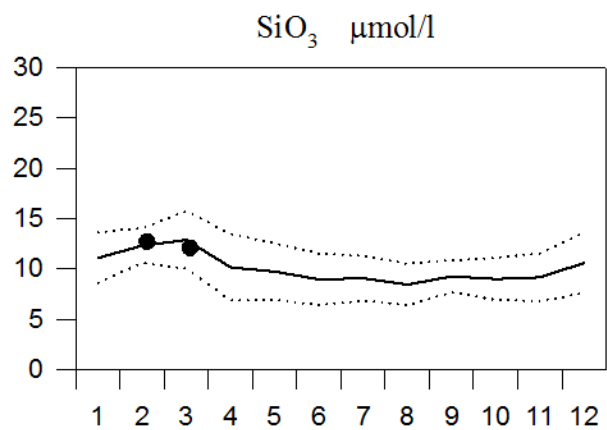
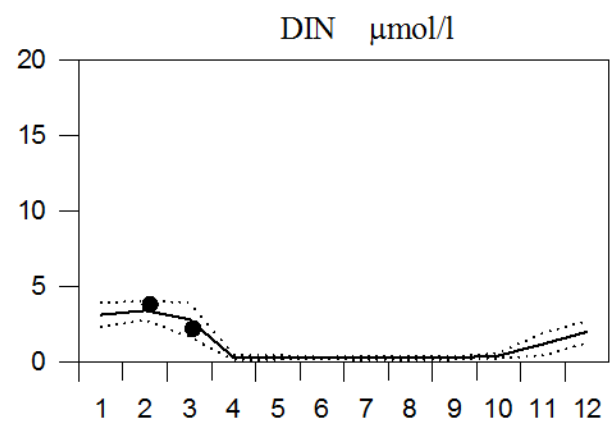
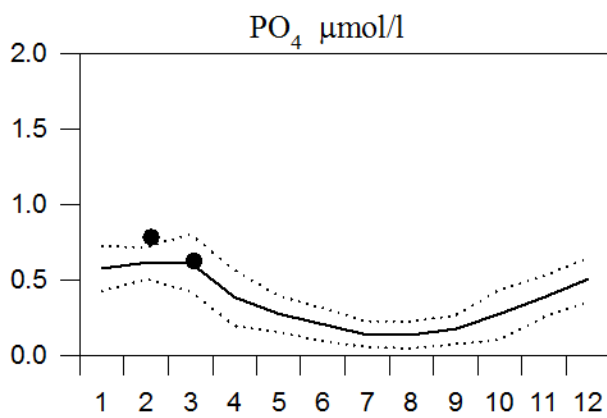
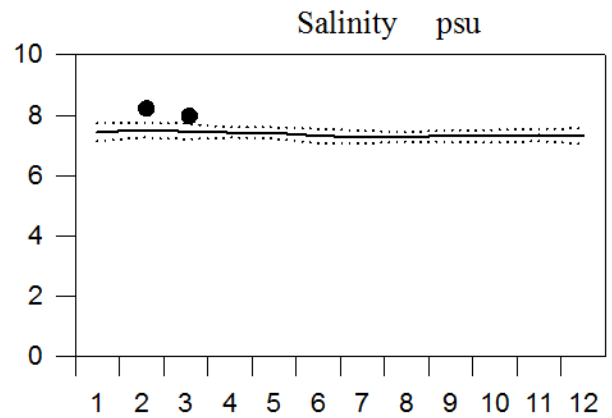
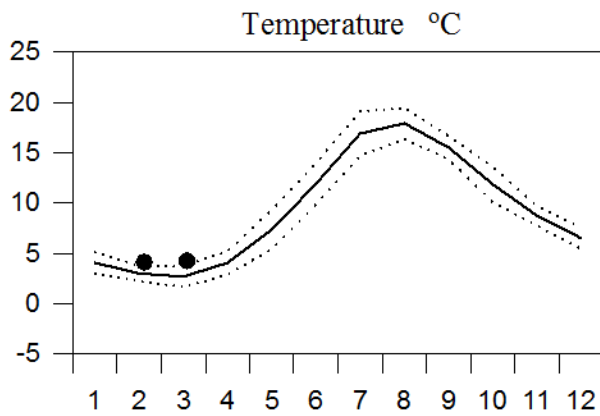
— Mean 1996-2010 St.Dev. ● 2015



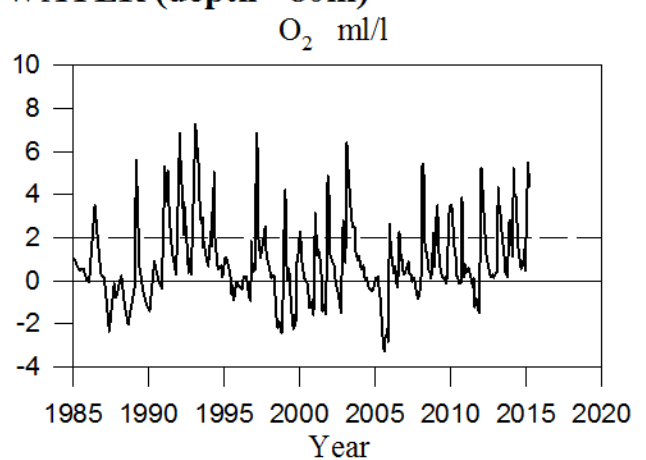
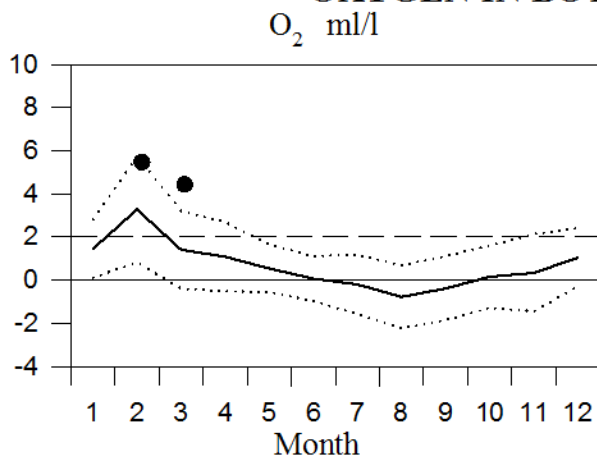
STATION BY4 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

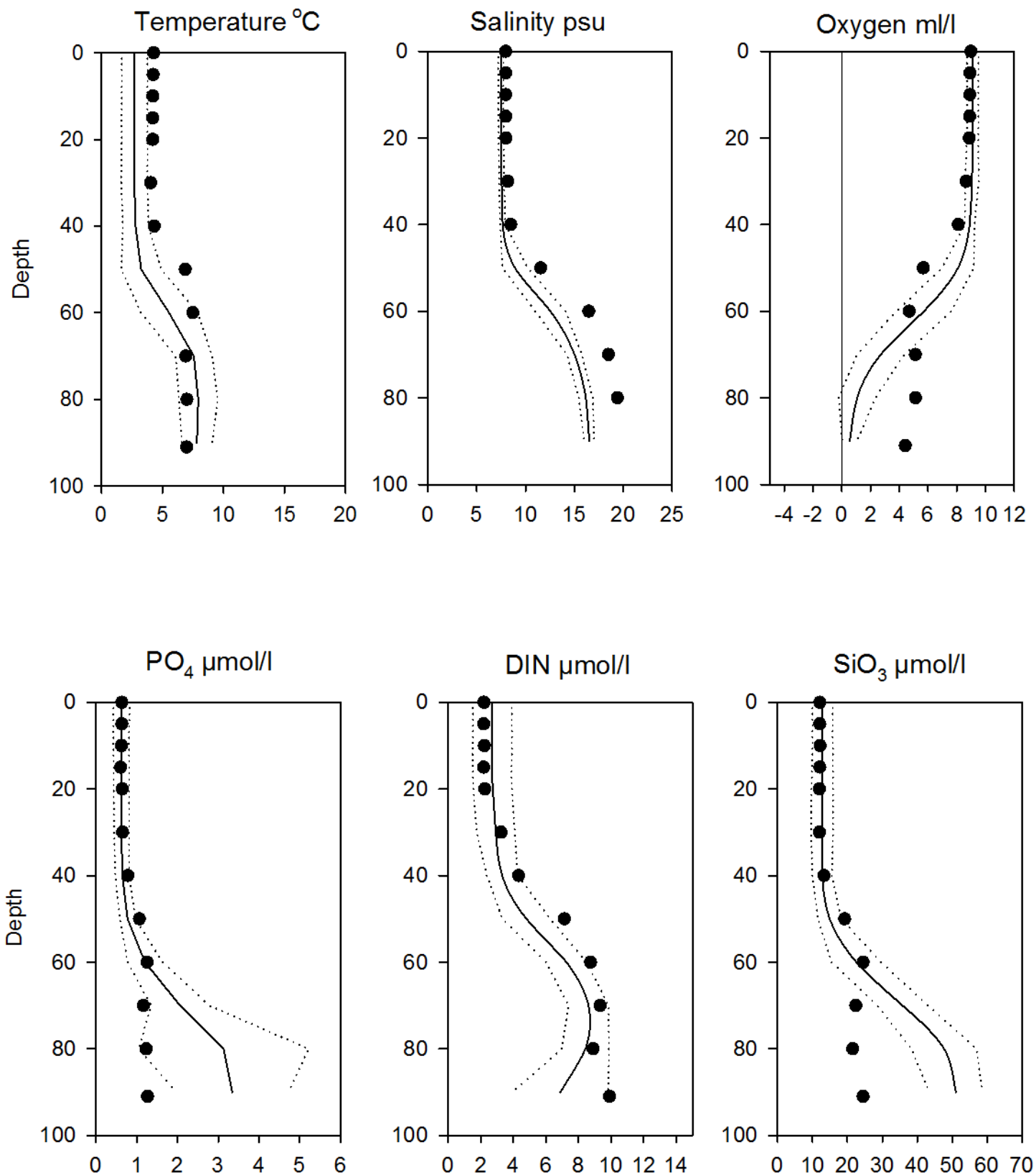


OXYGEN IN BOTTOM WATER (depth >80m)



Vertical profiles BY4 March

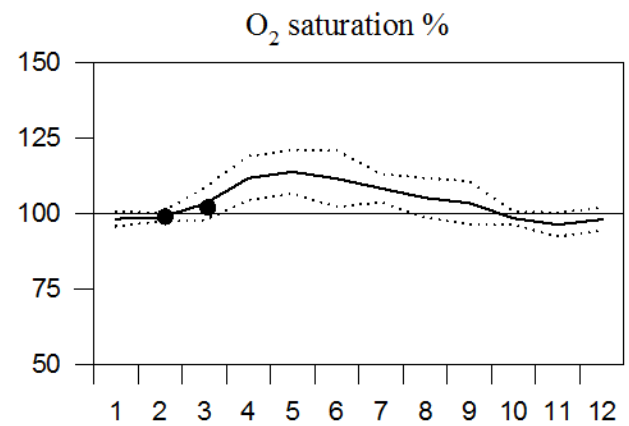
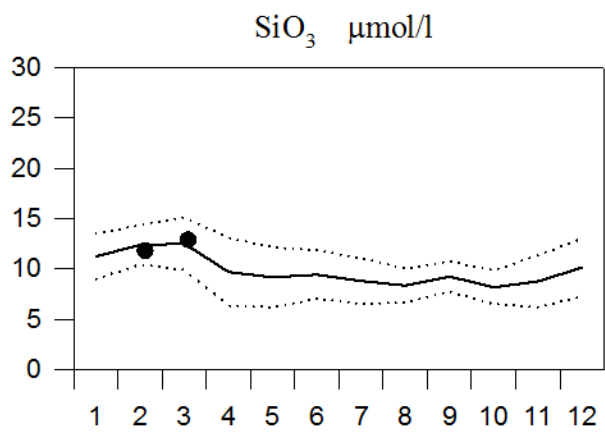
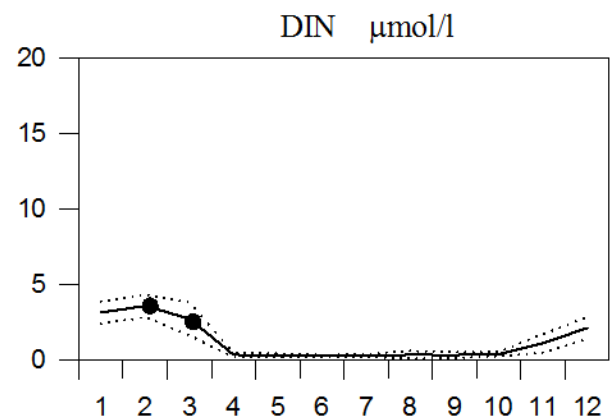
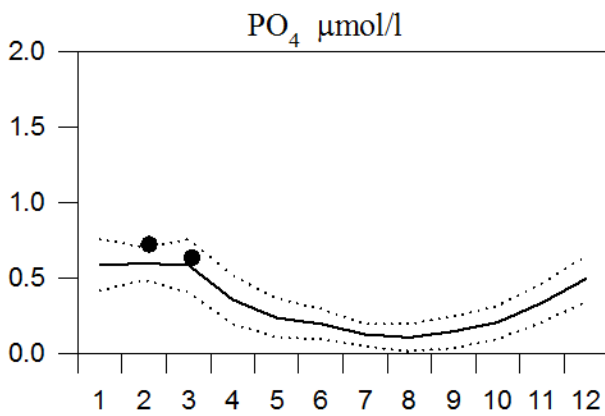
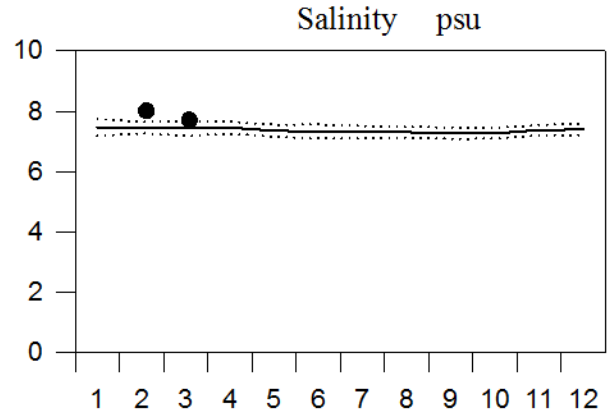
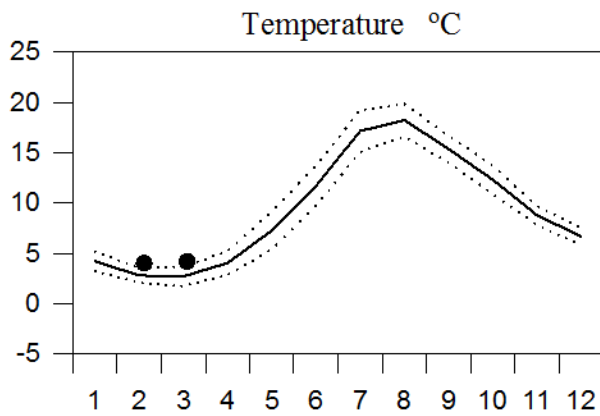
— Mean 1996-2010 St.Dev. ● 2015



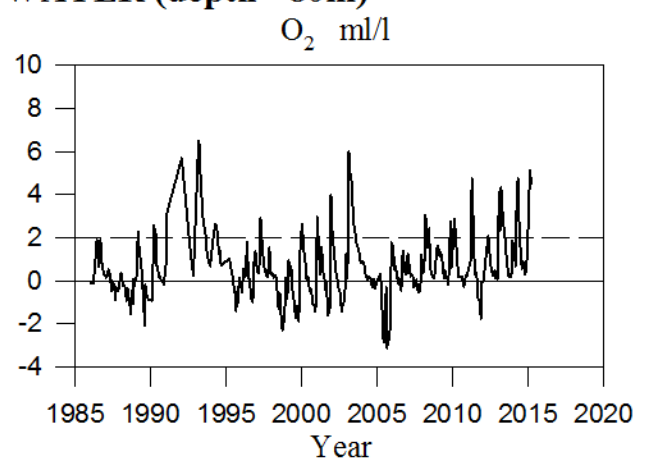
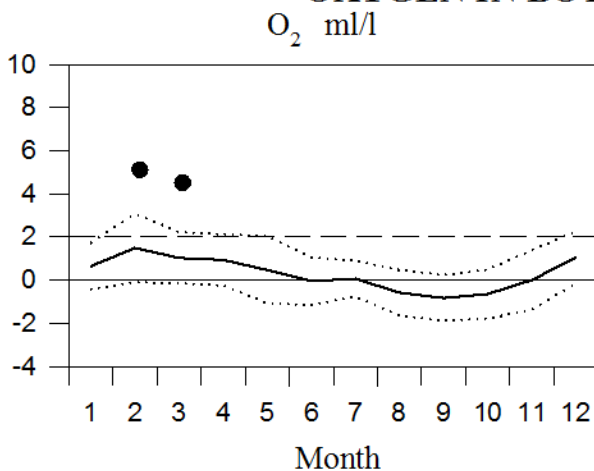
STATION BY5 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

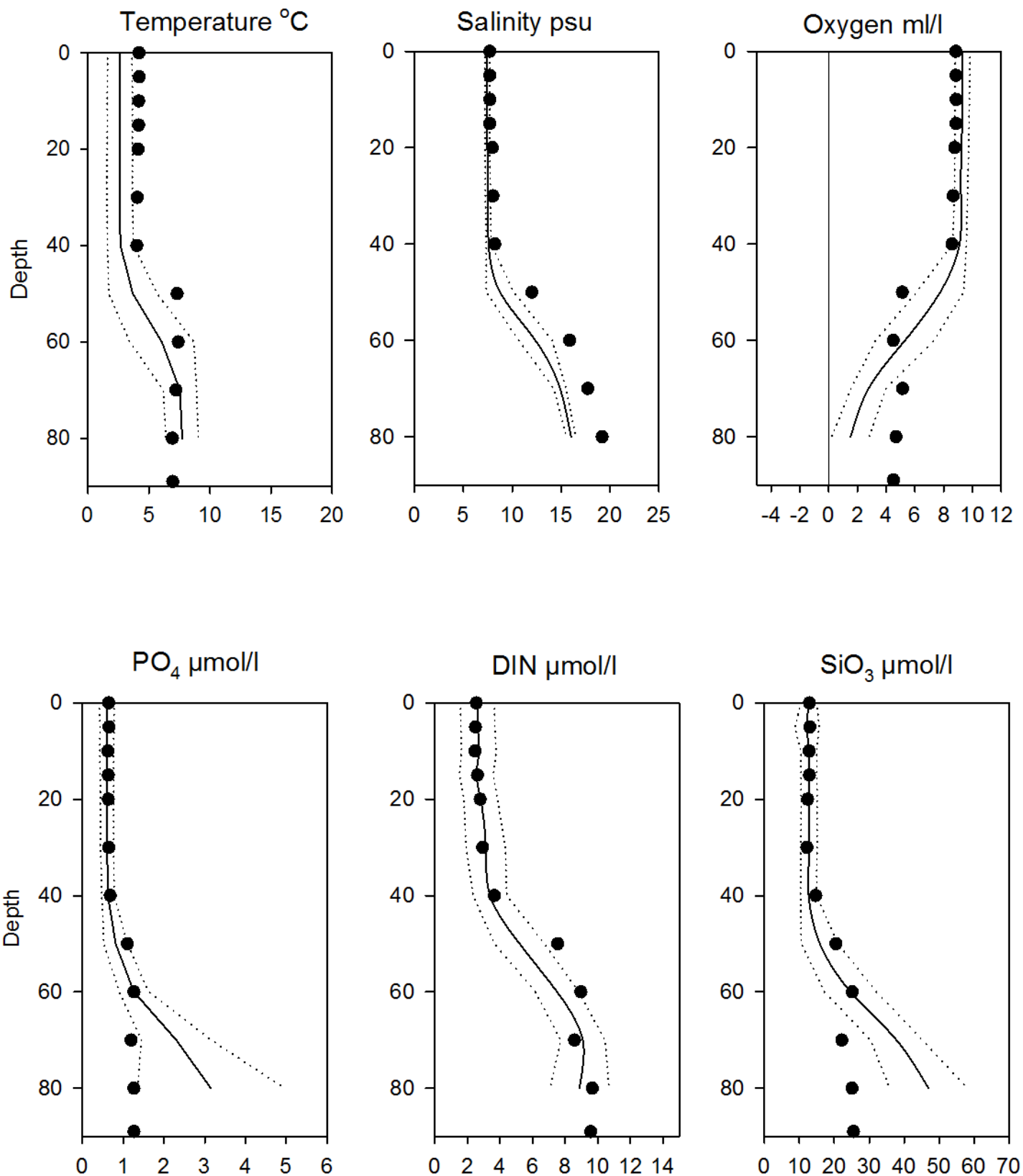


OXYGEN IN BOTTOM WATER (depth >80m)



Vertical profiles BY5 March

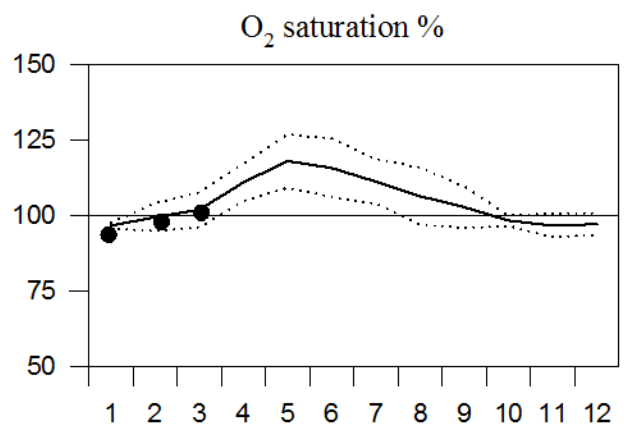
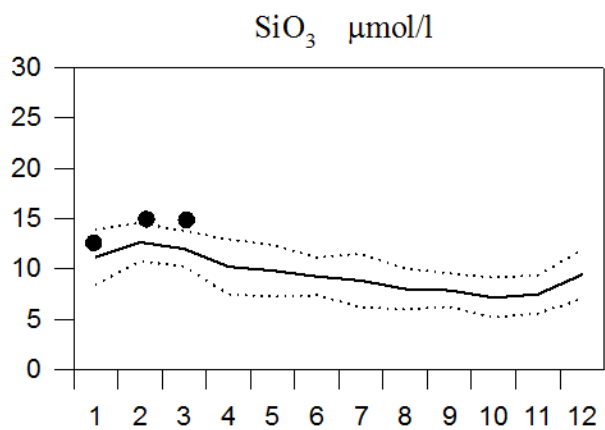
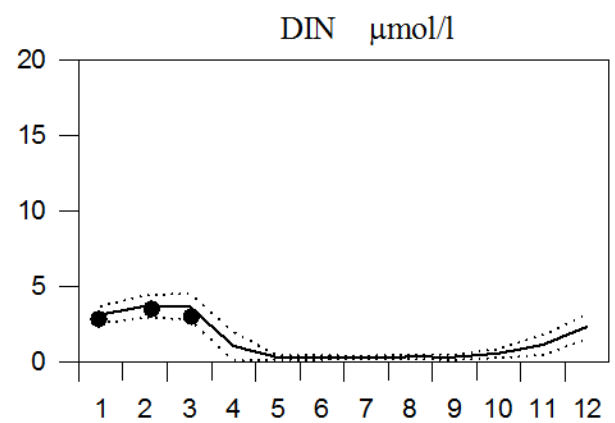
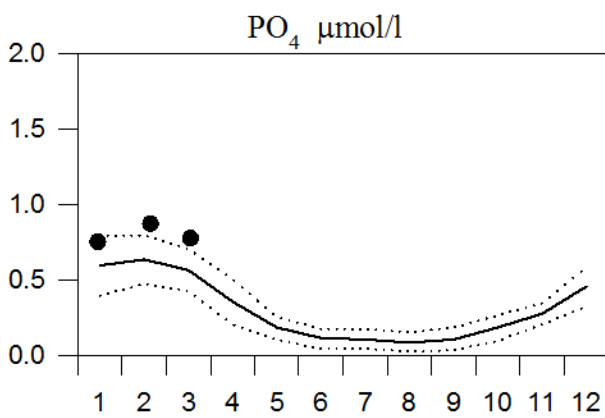
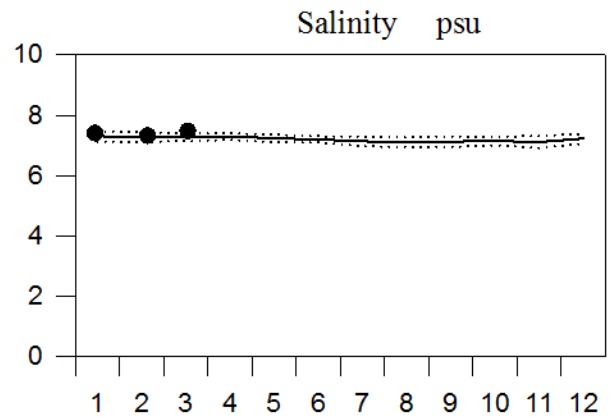
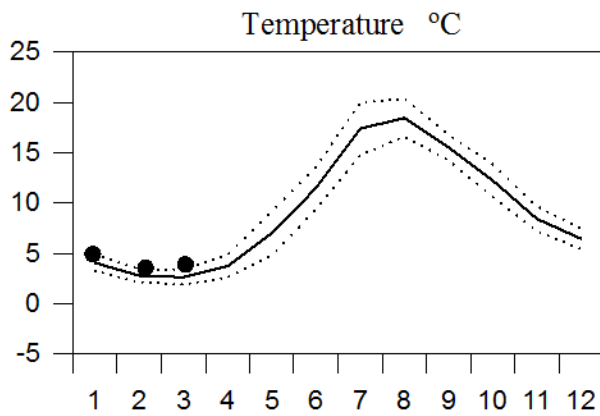
— Mean 1996-2010 St.Dev. ● 2015



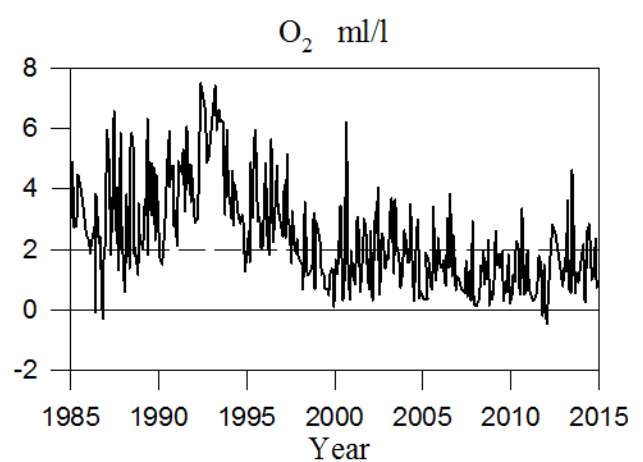
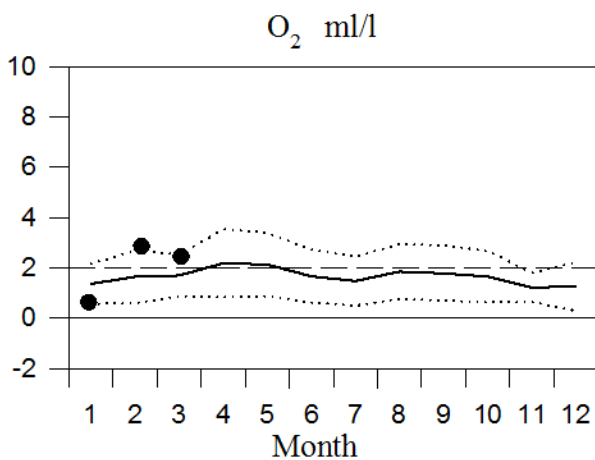
STATION BCS III-10 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

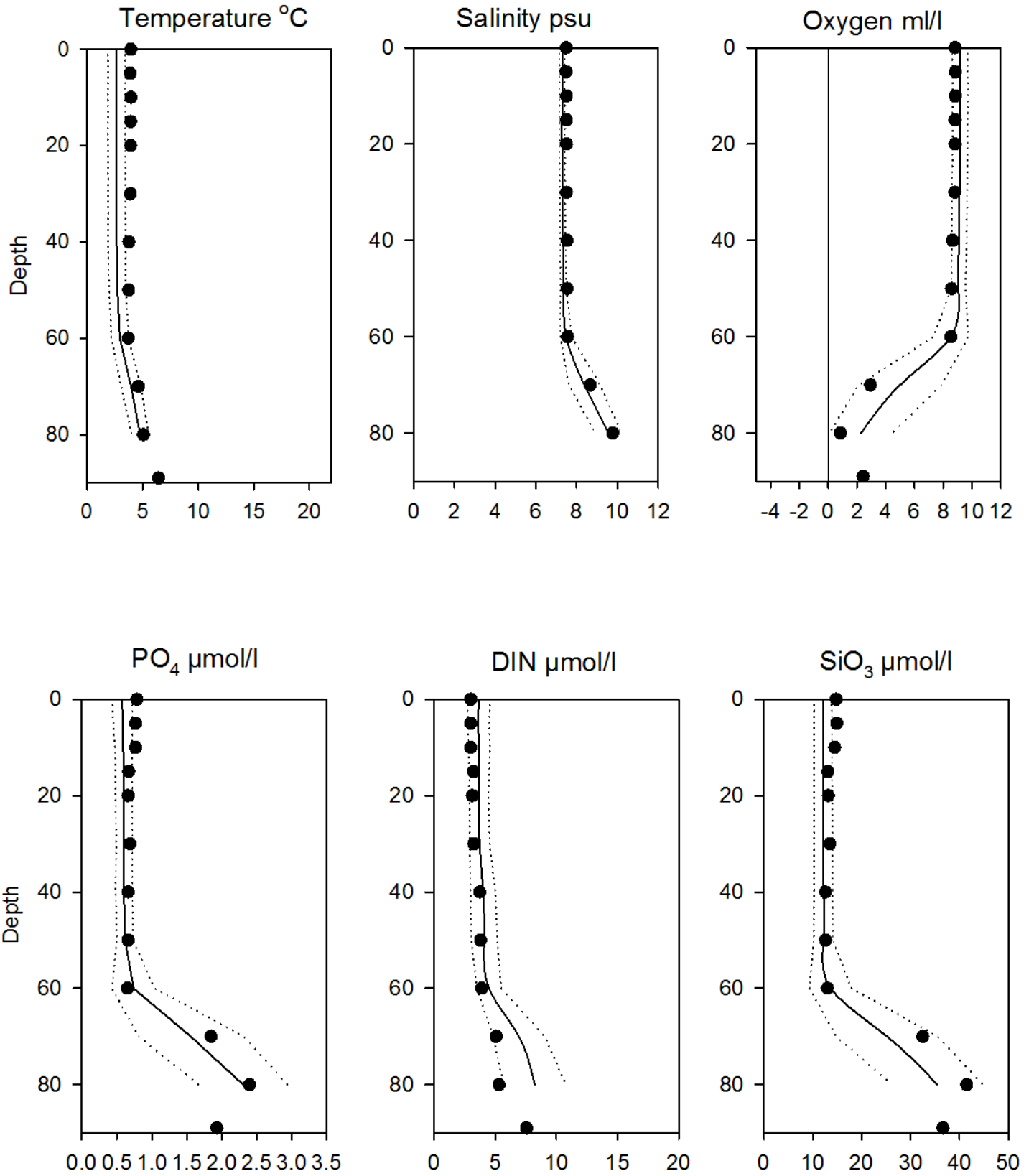


OXYGEN IN BOTTOM WATER (depth > 80m)



Vertical profiles BCS III-10 March

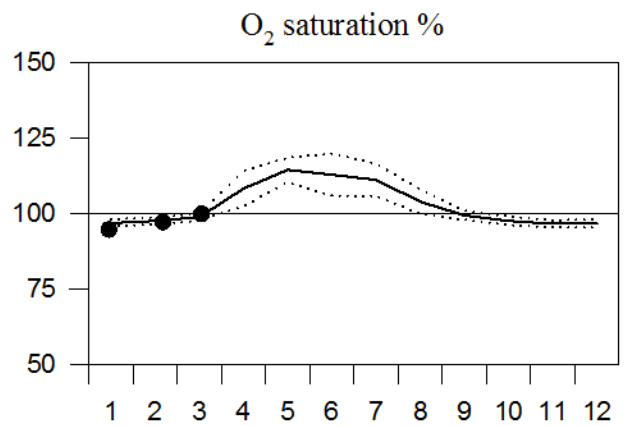
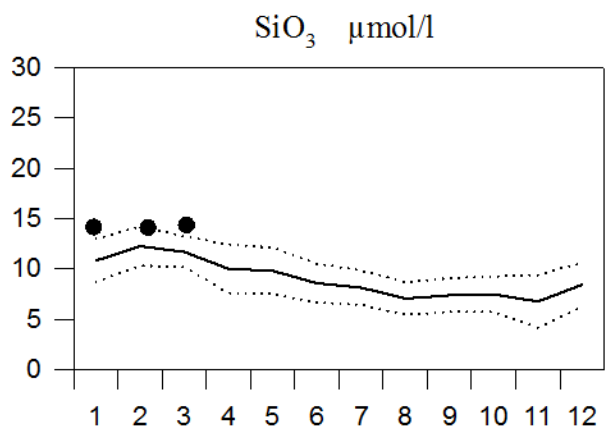
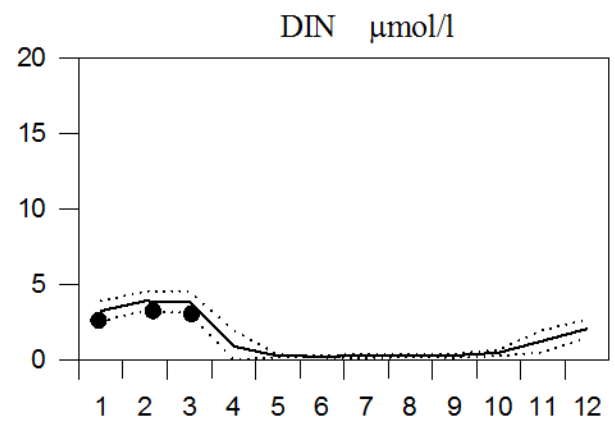
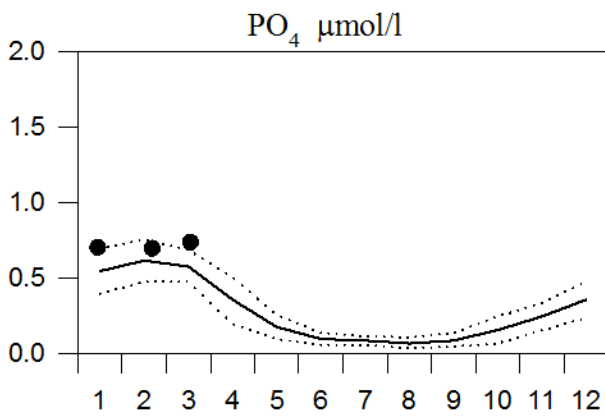
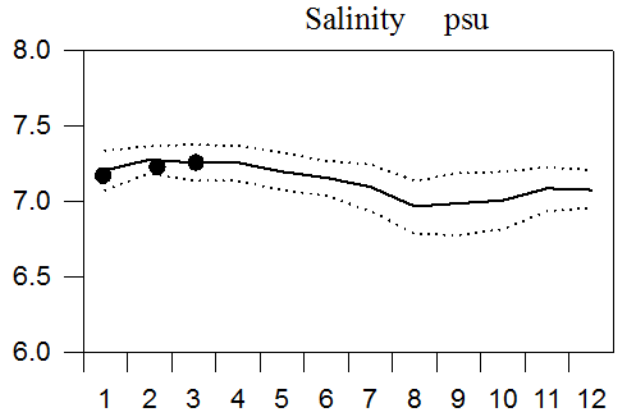
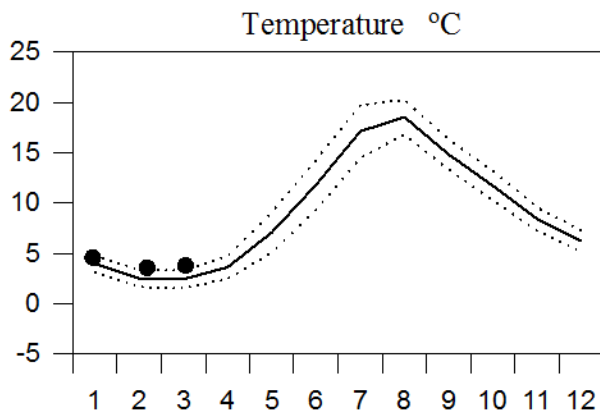
— Mean 1996-2010 St.Dev. ● 2015



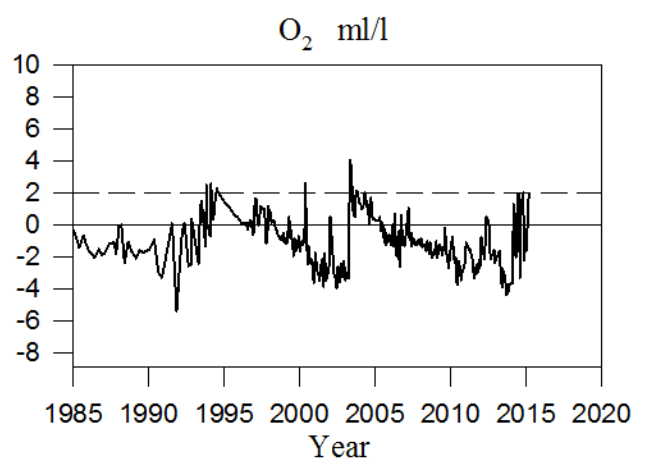
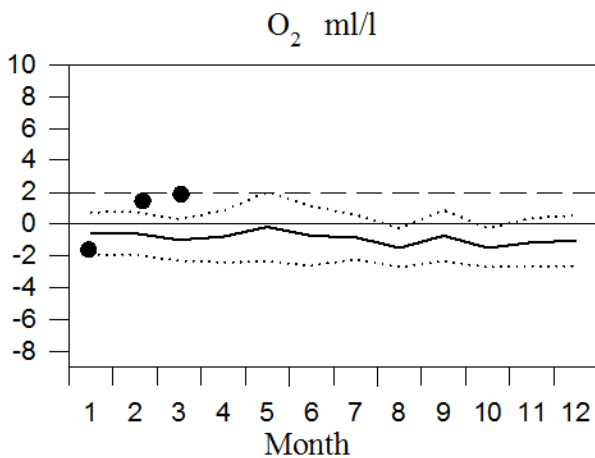
STATION BY10 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

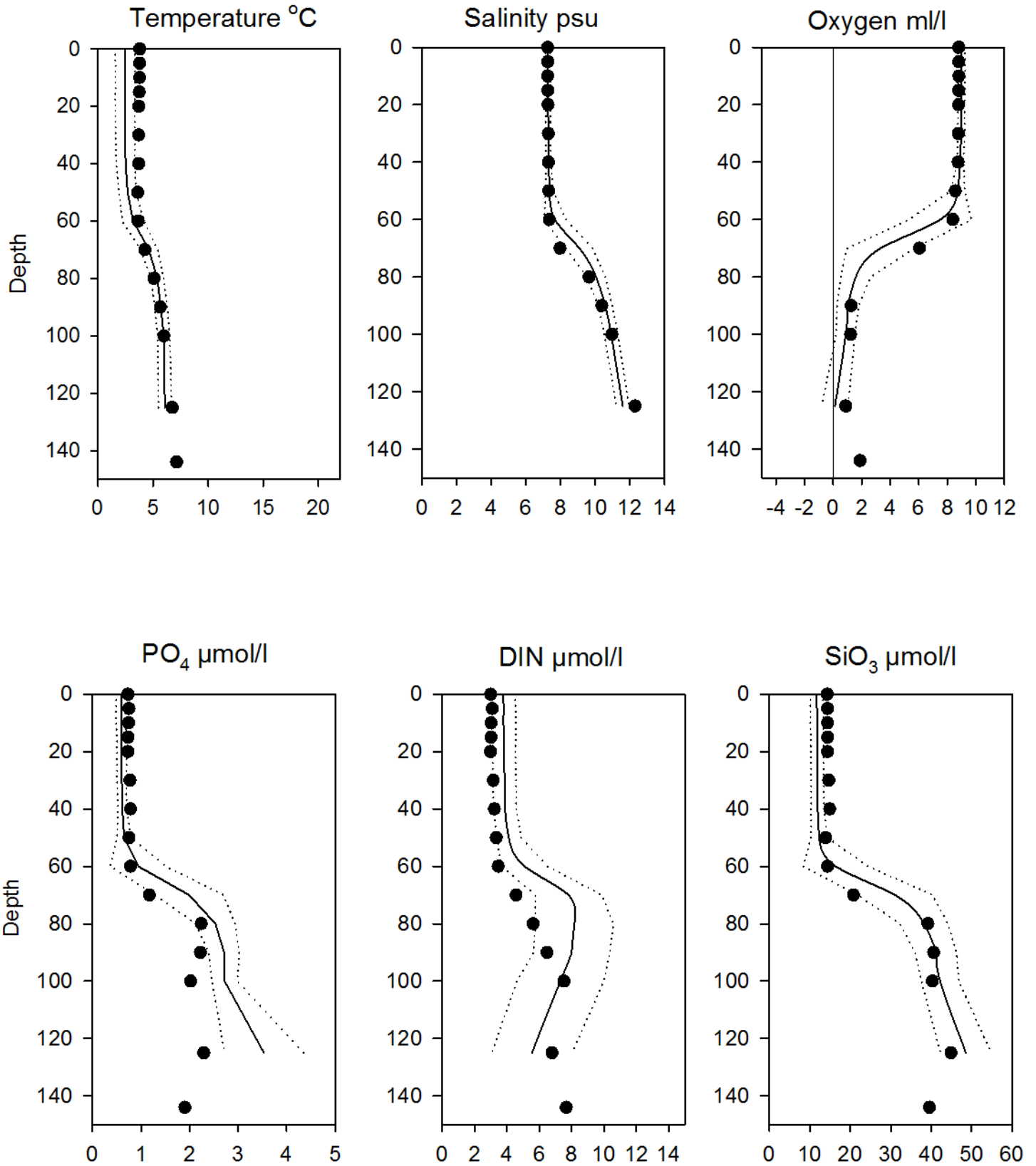


OXYGEN IN BOTTOM WATER (depth >125m)



Vertical profiles BY10 March

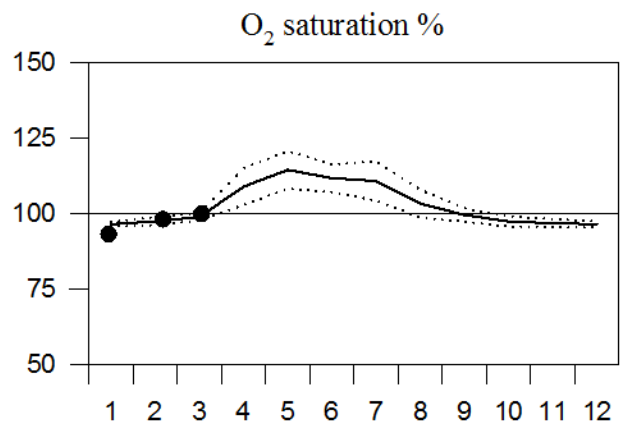
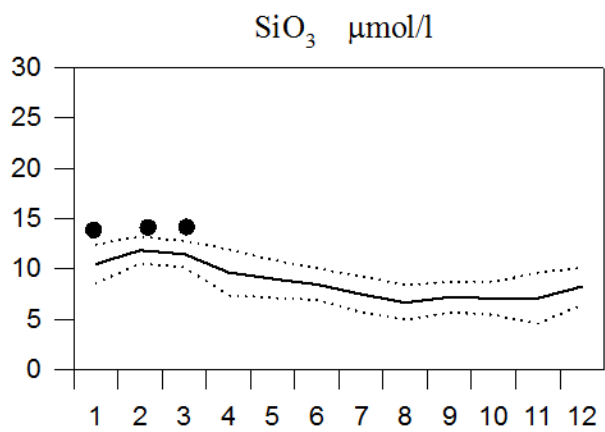
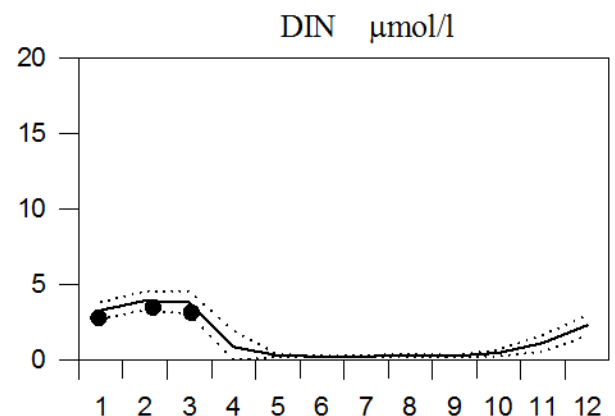
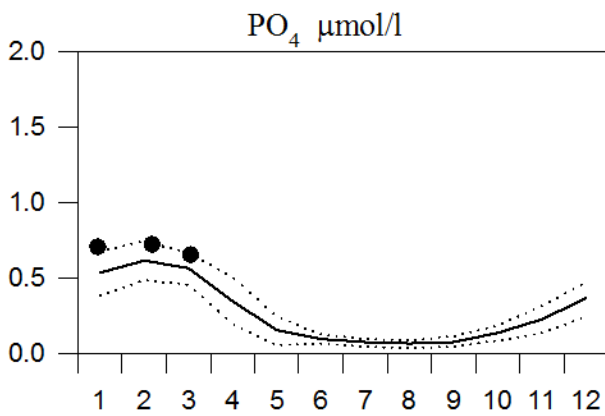
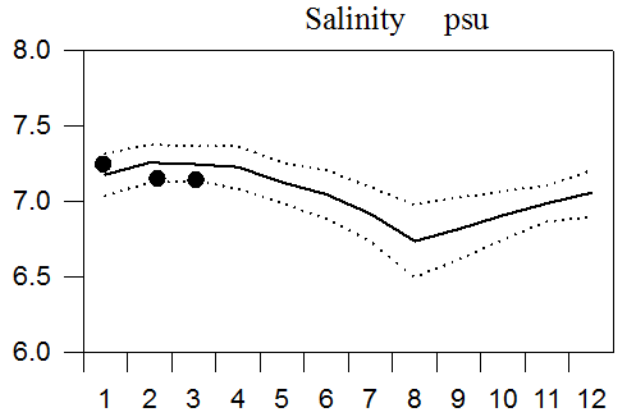
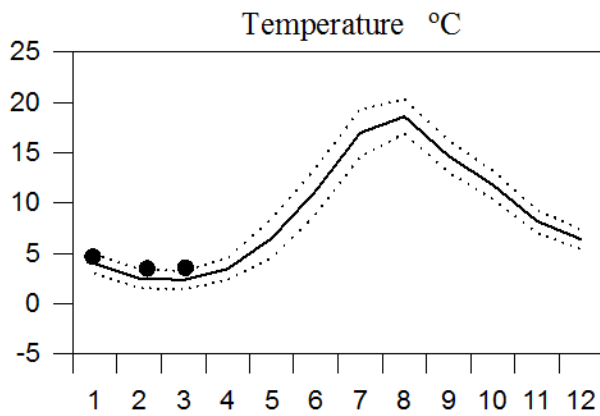
— Mean 1996-2010 St.Dev. ● 2015



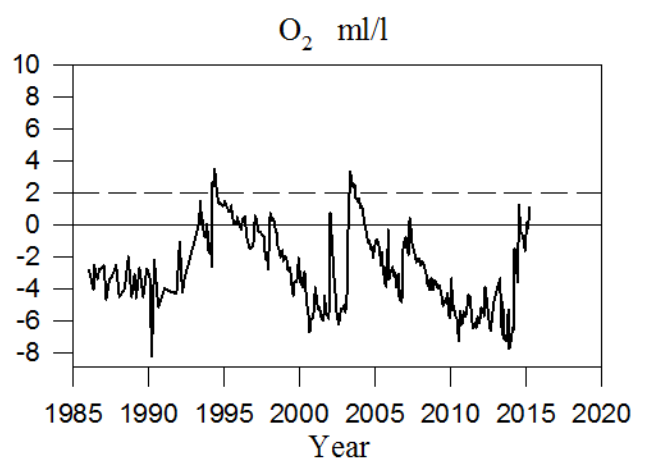
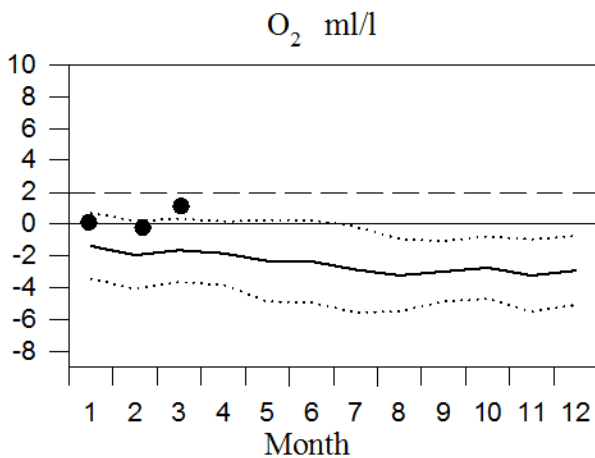
STATION BY15 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

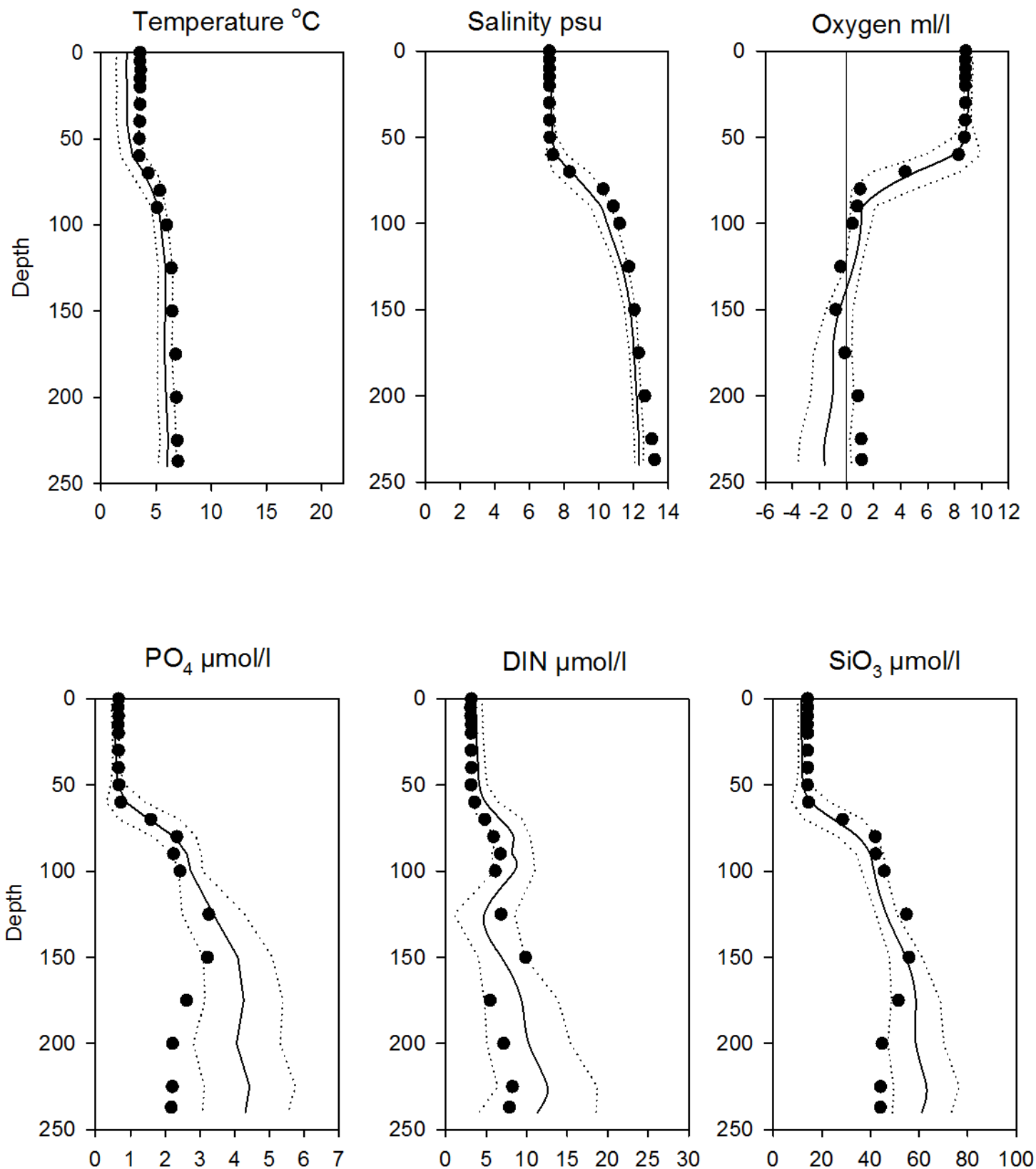


OXYGEN IN BOTTOM WATER (depth >225m)



Vertical profiles BY15 March

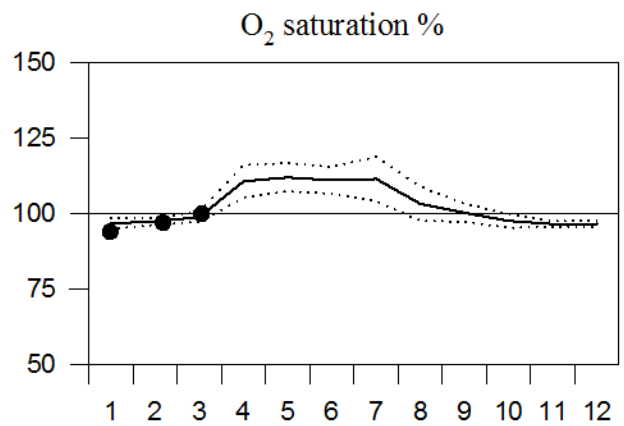
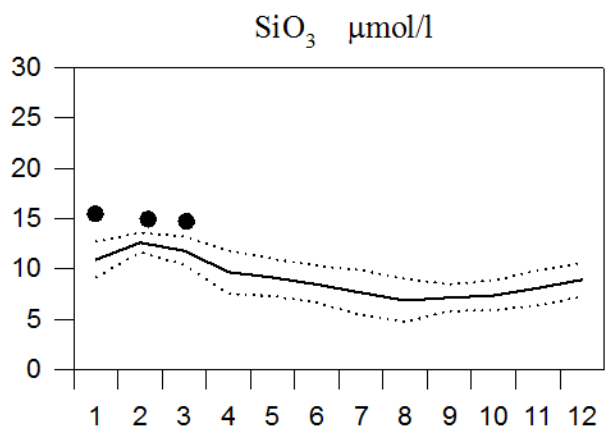
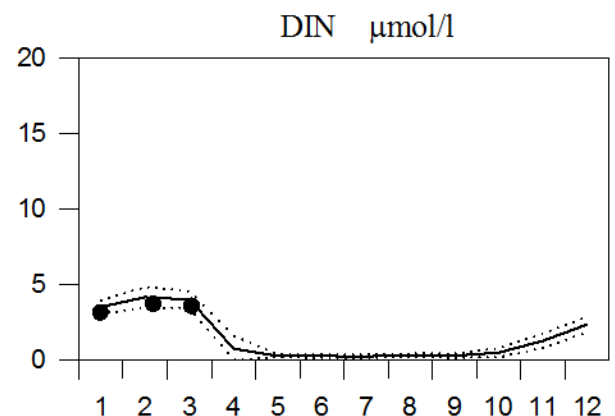
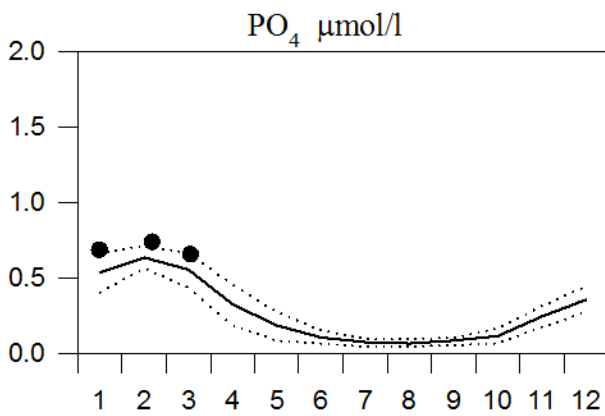
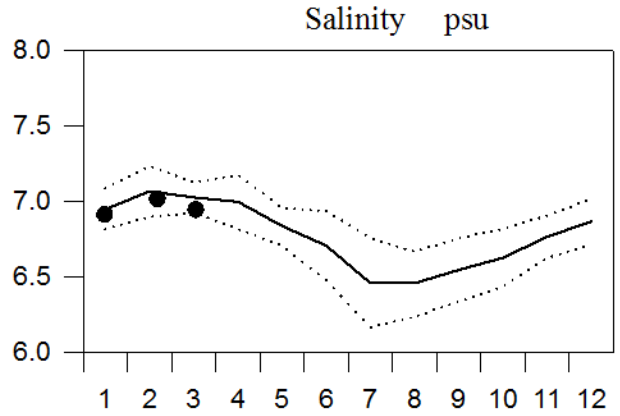
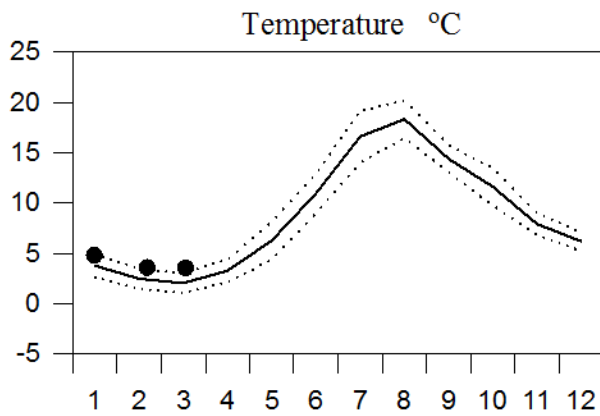
— Mean 1996-2010 St.Dev. ● 2015



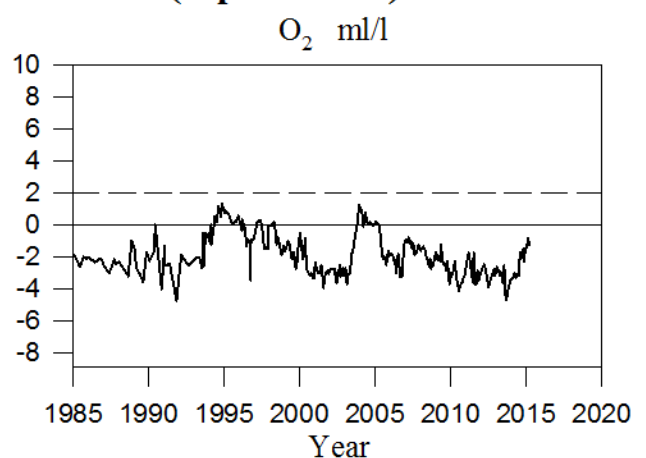
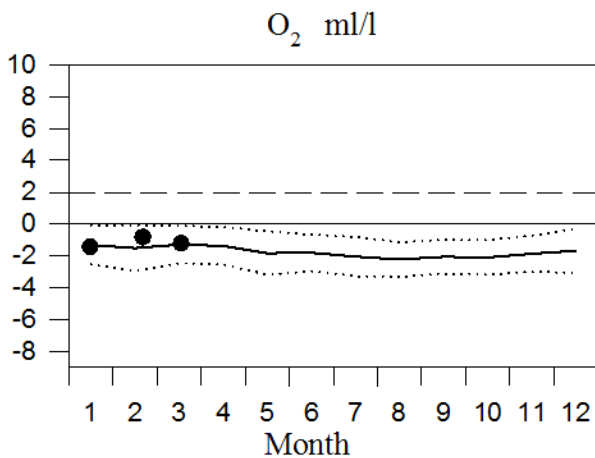
STATION BY20 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

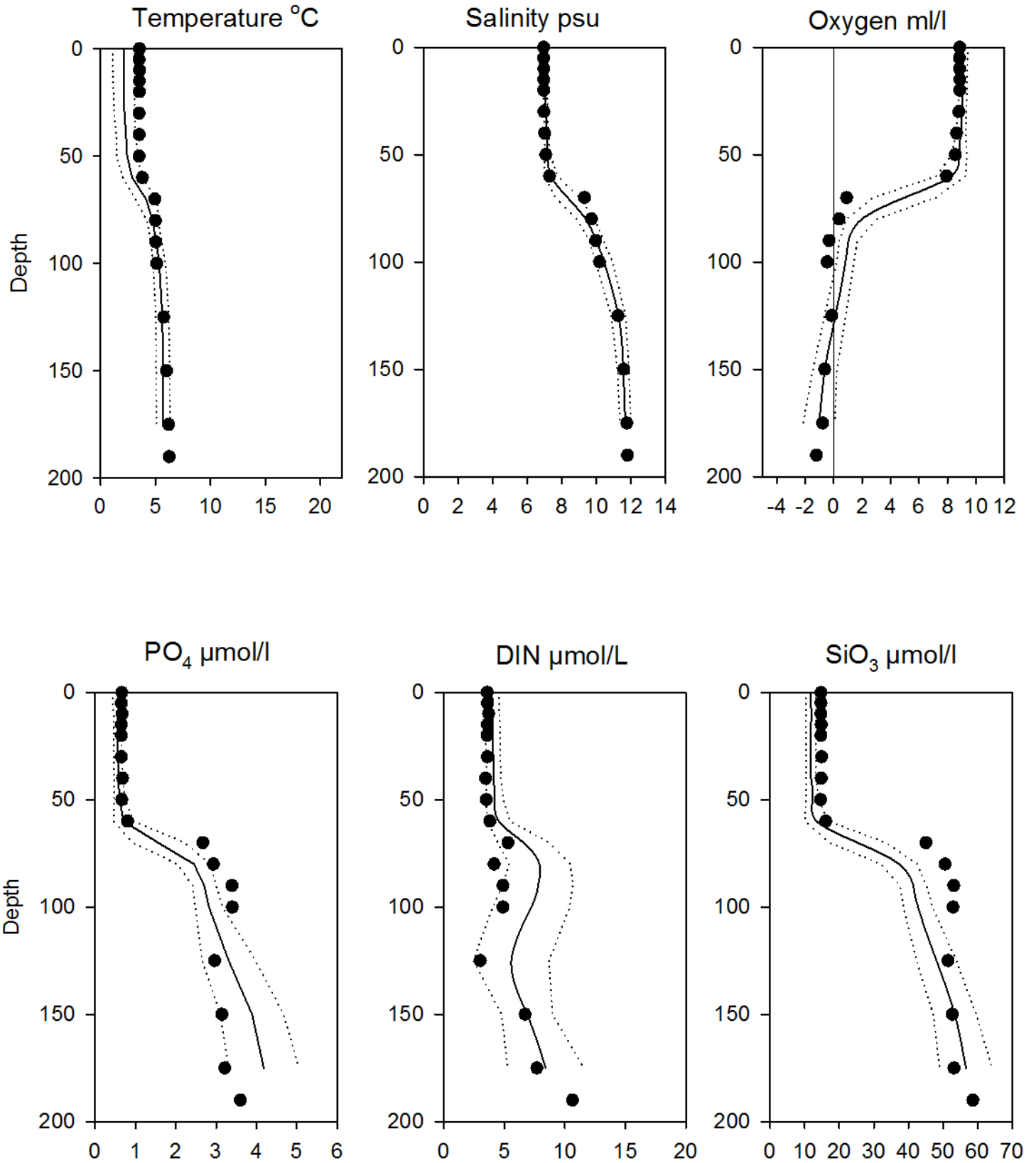


OXYGEN IN BOTTOM WATER (depth >175m)



Vertical profiles BY20 March

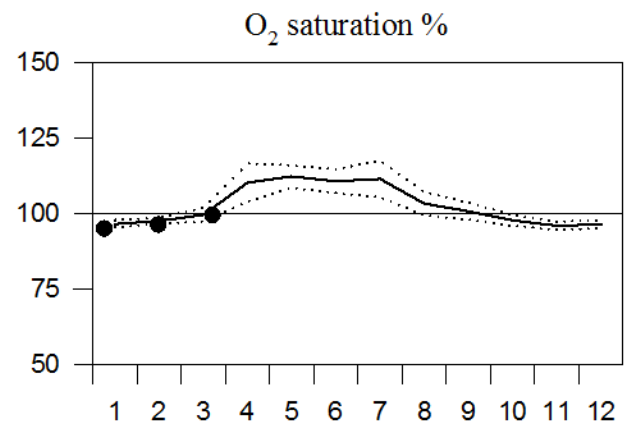
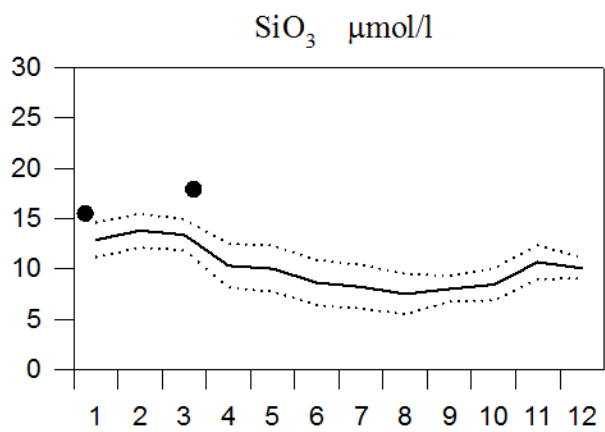
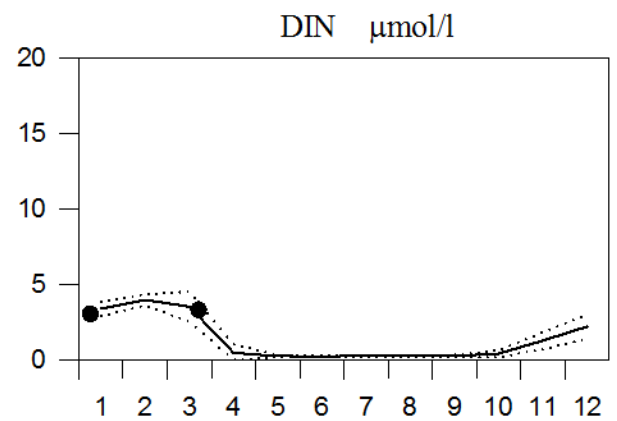
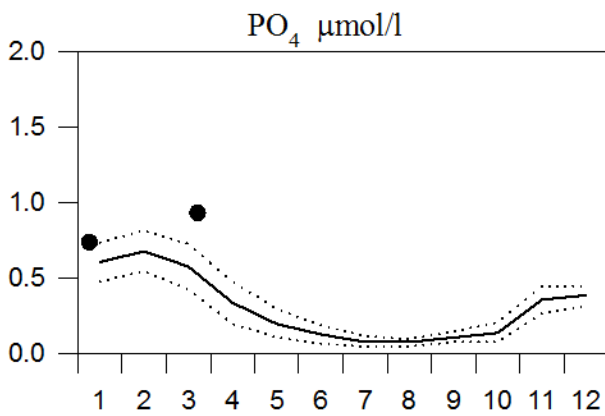
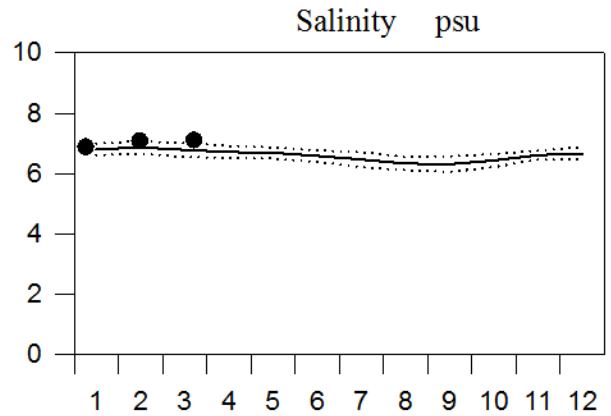
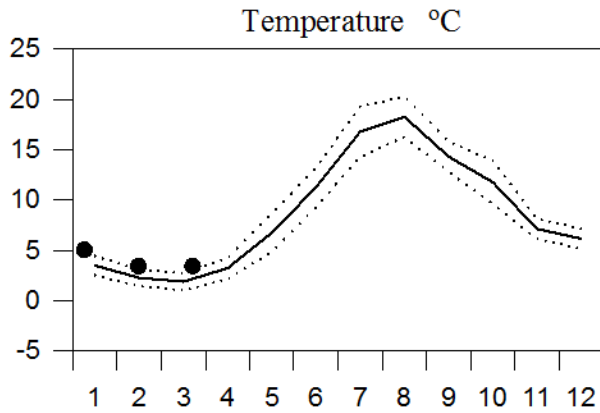
— Mean 1996-2010 St.Dev. ● 2015



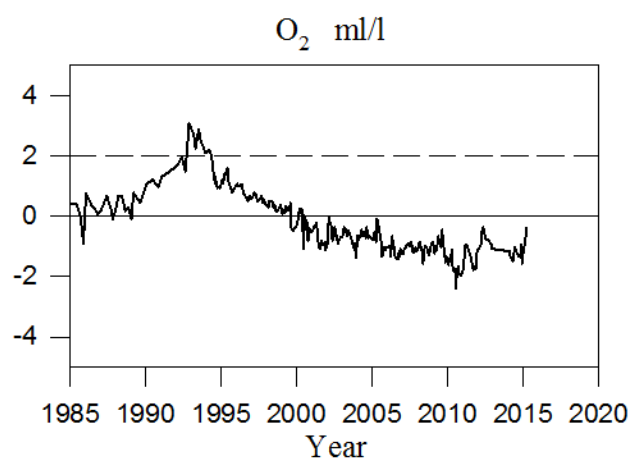
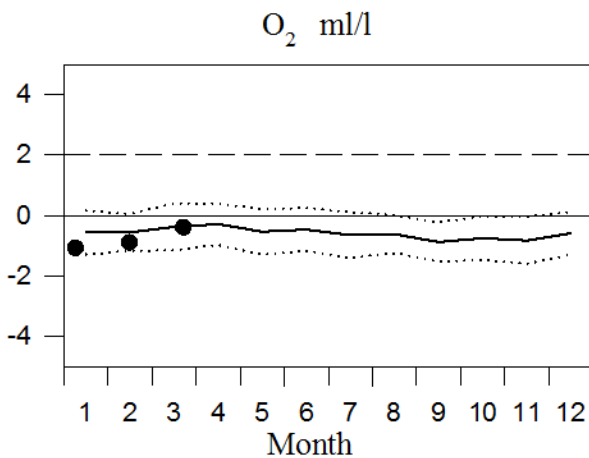
STATION BY32 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

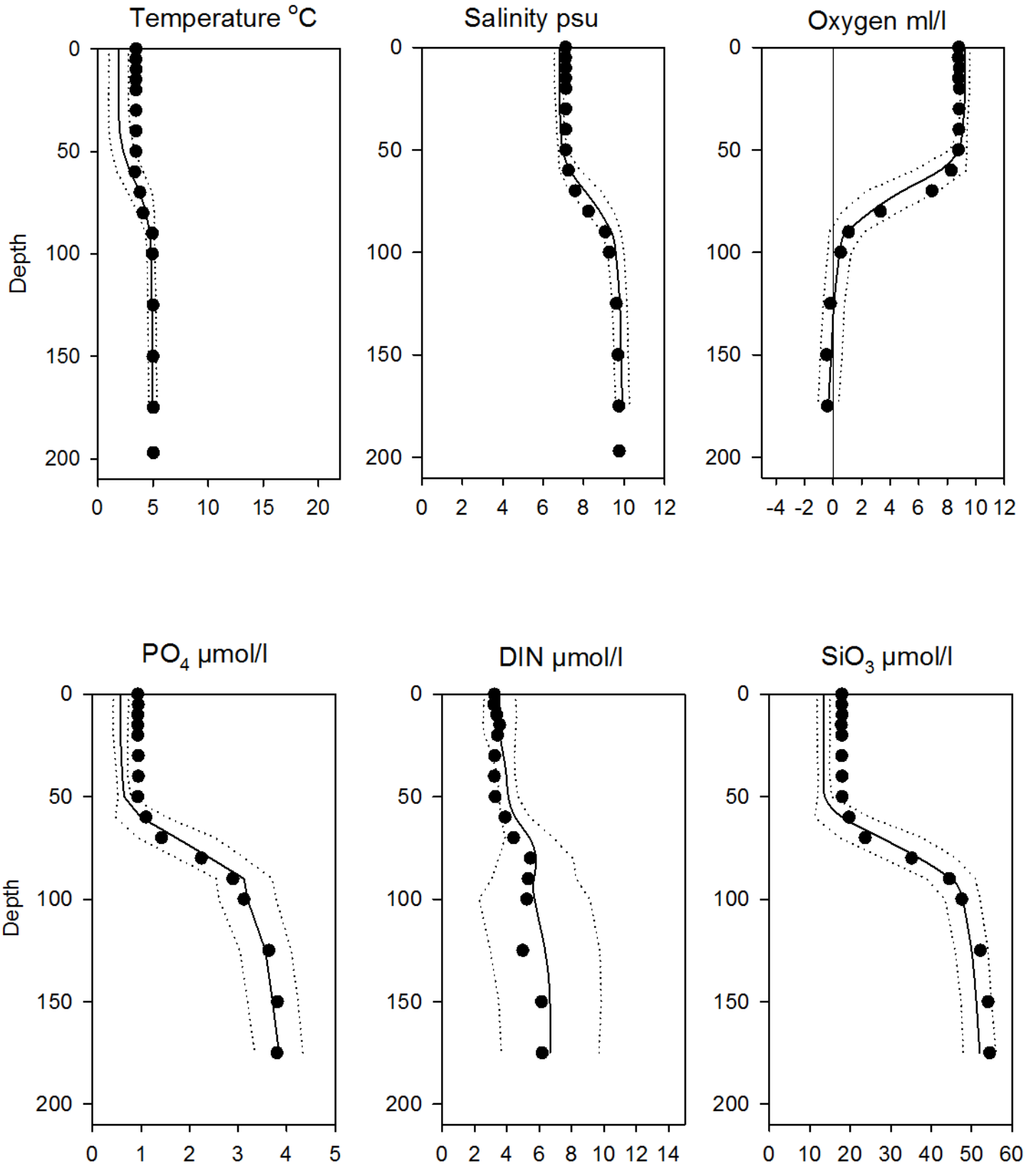


OXYGEN IN BOTTOM WATER (depth > 175m)



Vertical profiles BY32 March

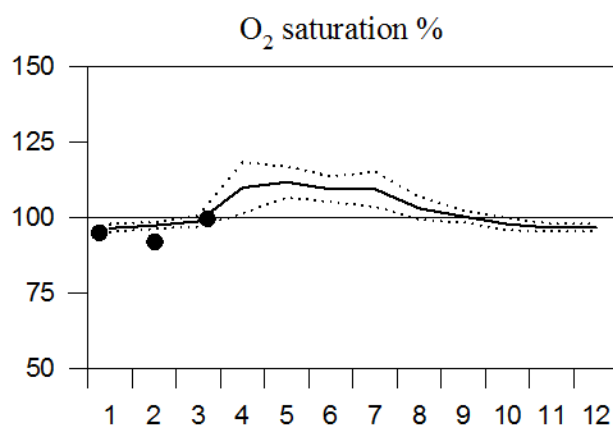
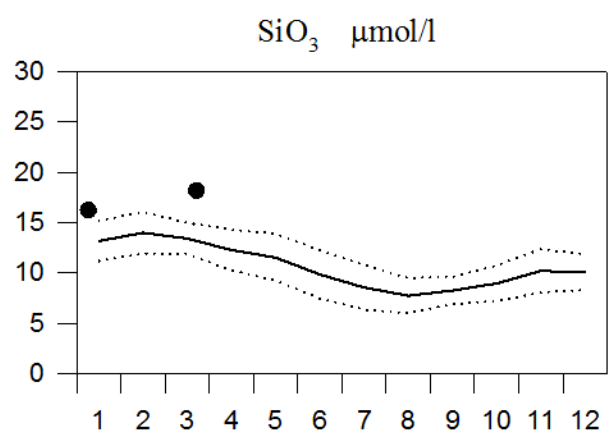
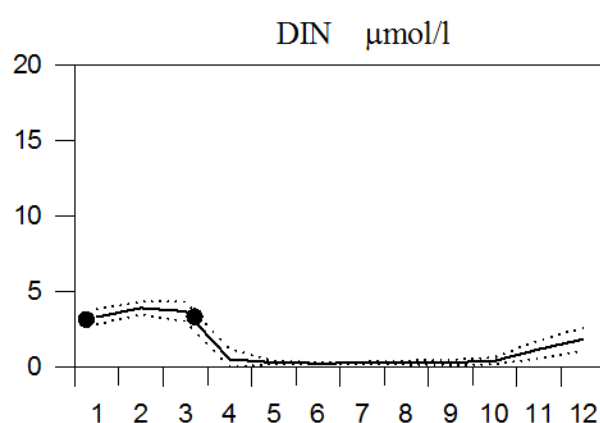
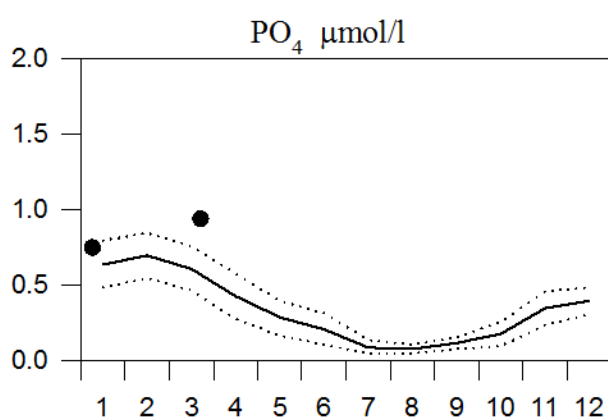
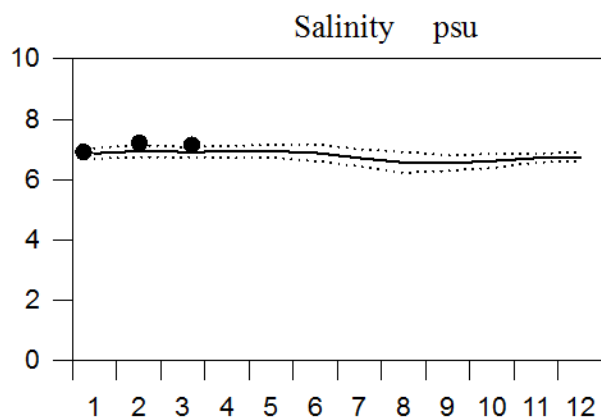
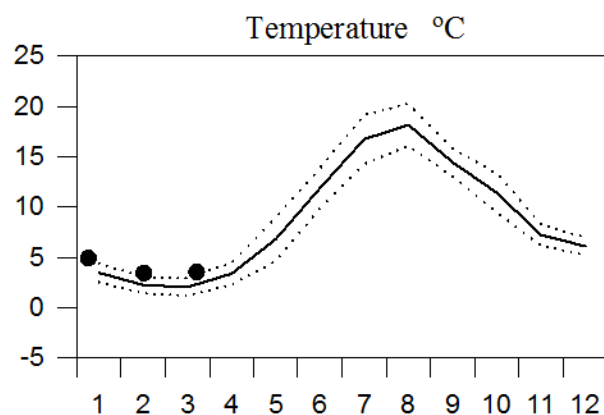
— Mean 1996-2010 St.Dev. ● 2015



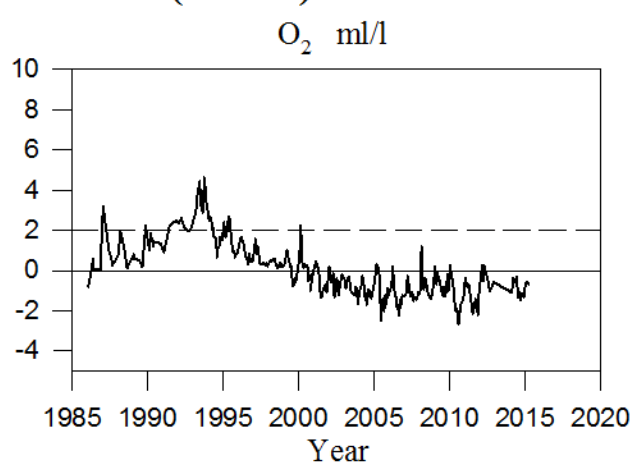
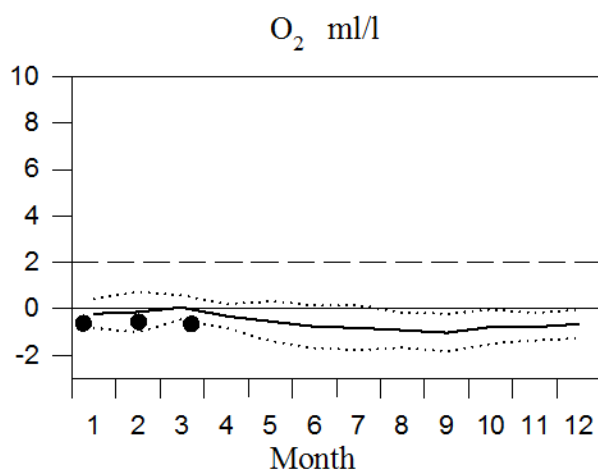
STATION BY38 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

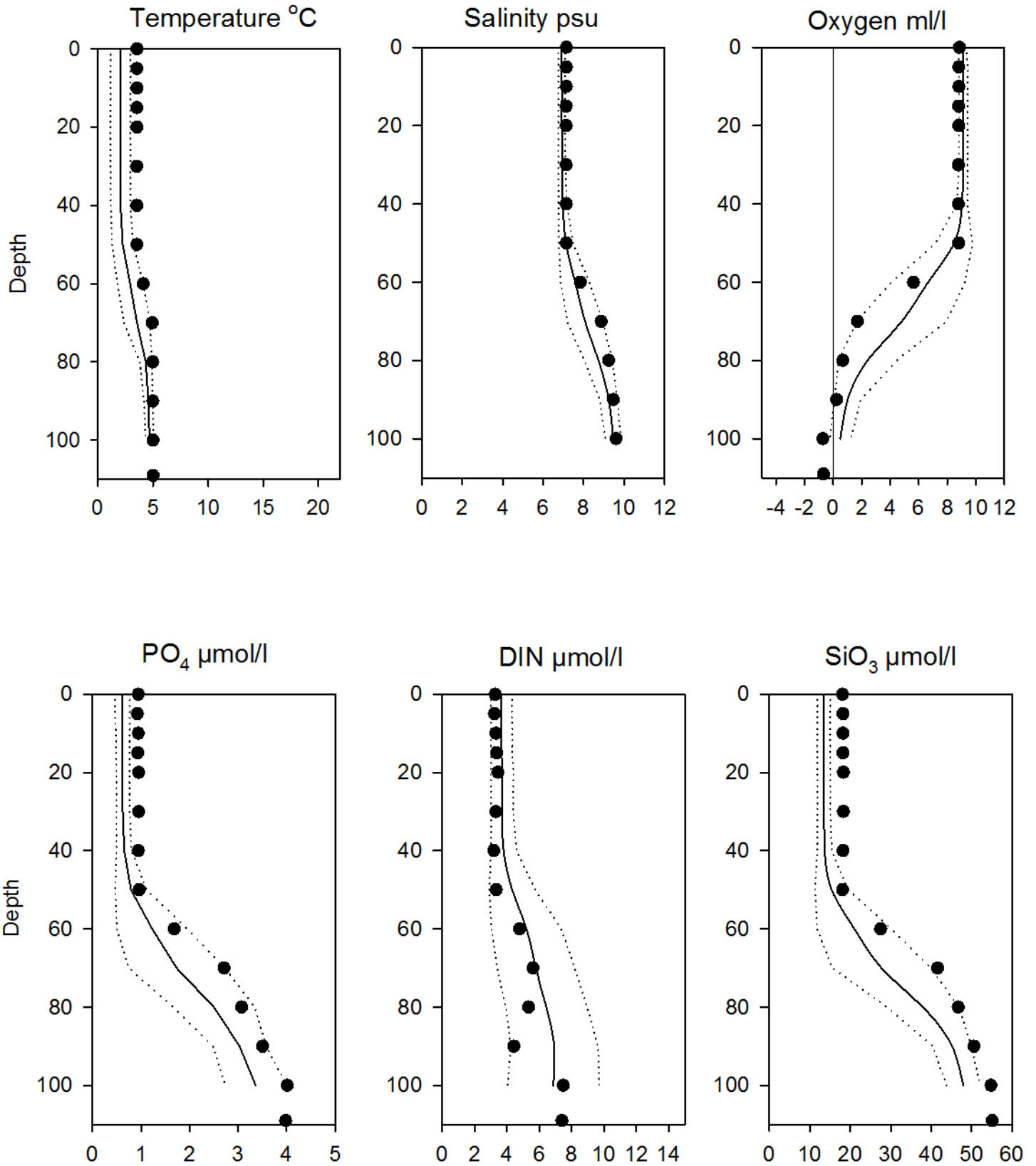


OXYGEN IN BOTTOM WATER (> 100m)



Vertical profiles BY38 March

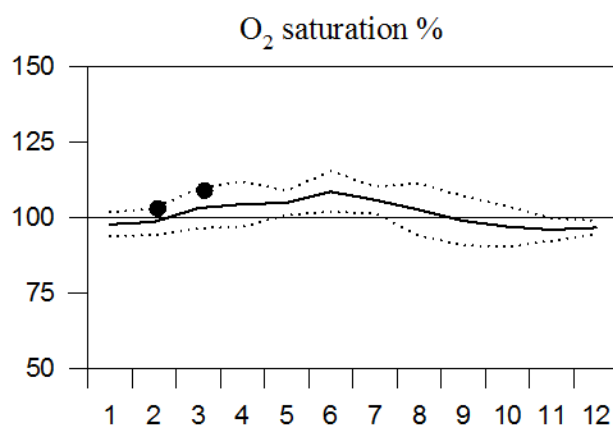
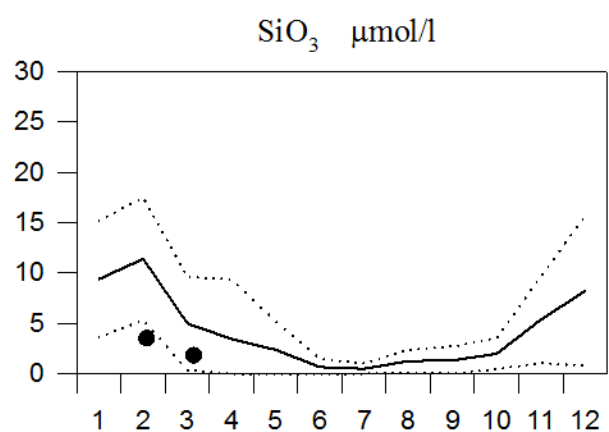
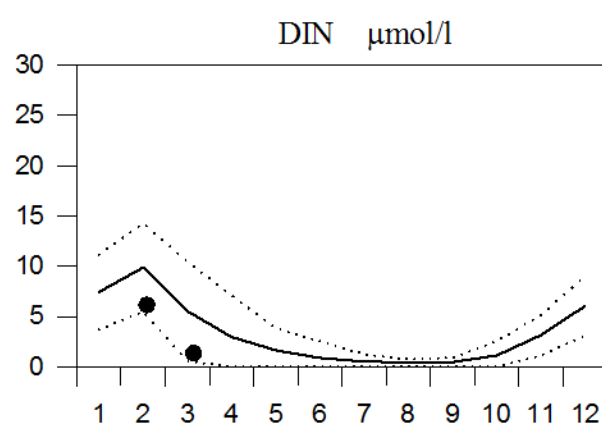
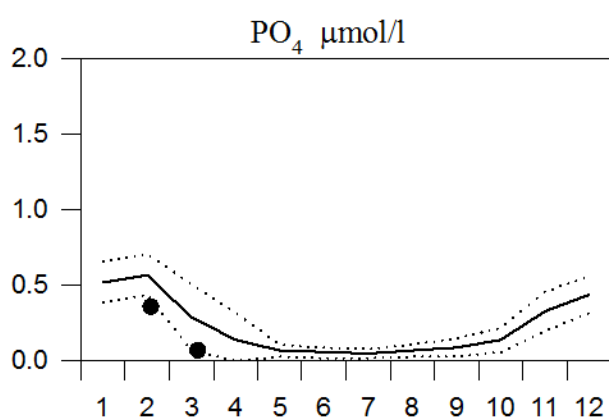
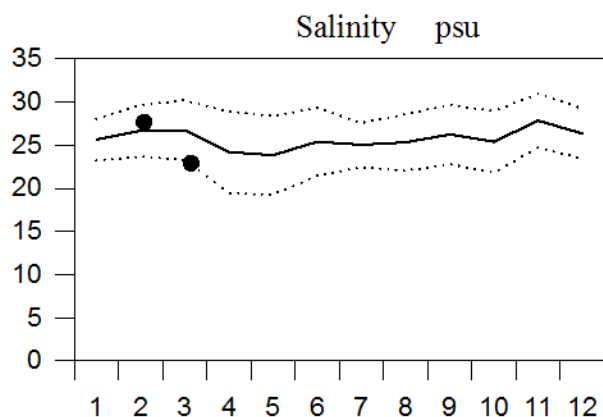
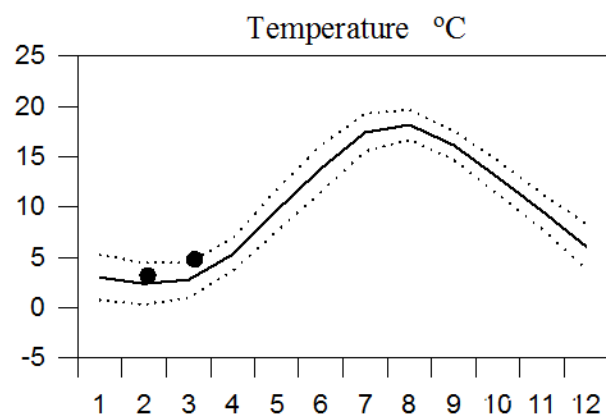
— Mean 1996-2010 St.Dev. ● 2015



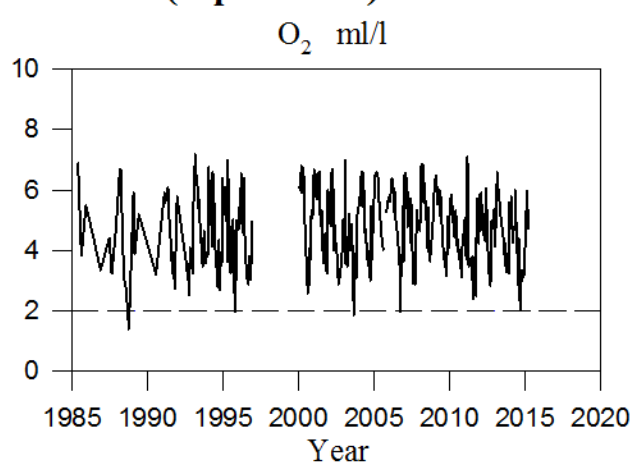
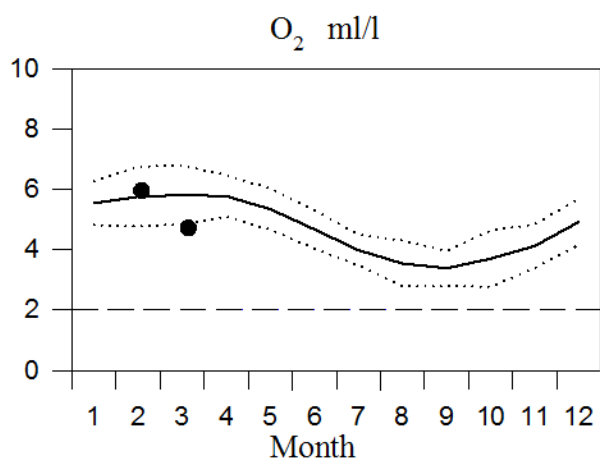
STATION SLÄGGÖ SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

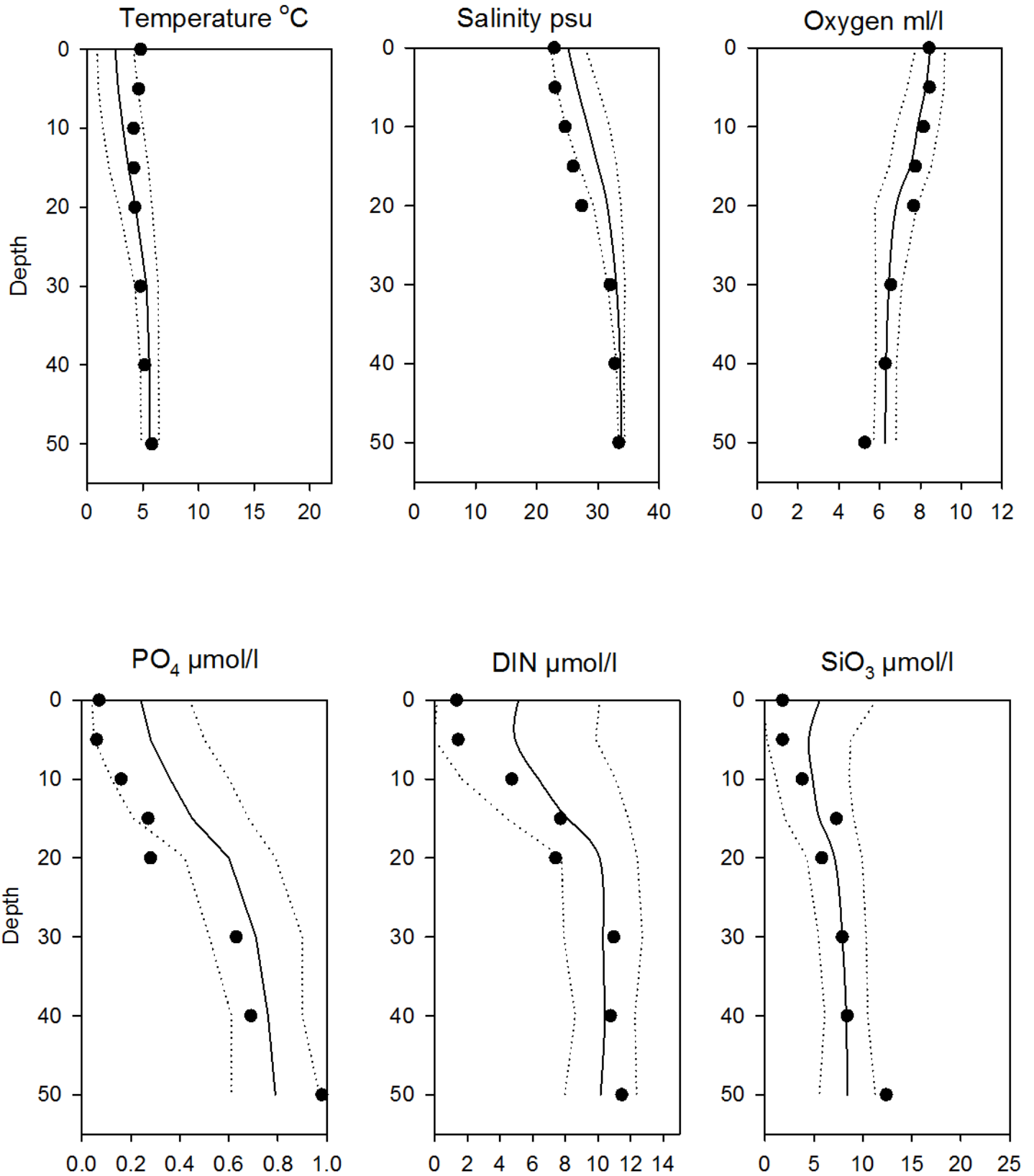


OXYGEN IN BOTTOM WATER (depth >50m)



Vertical profiles Släggö March

— Mean 1996-2010 St.Dev. ● 2015



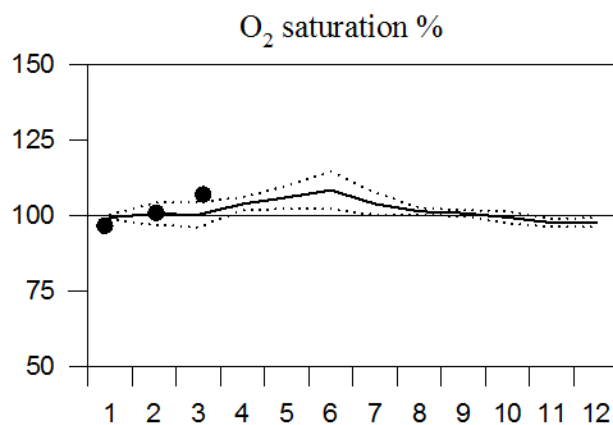
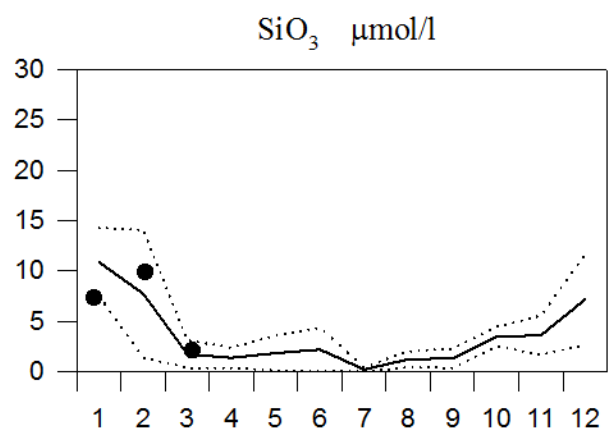
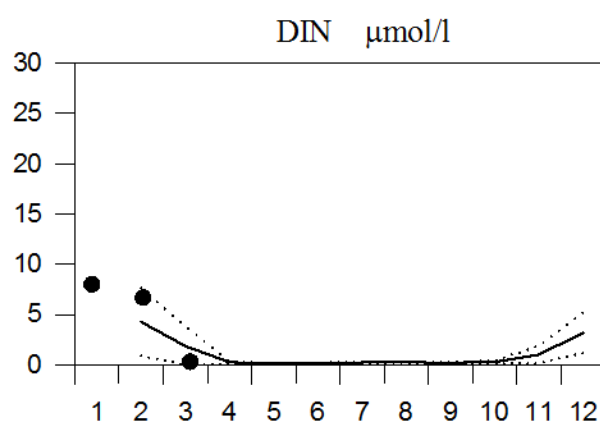
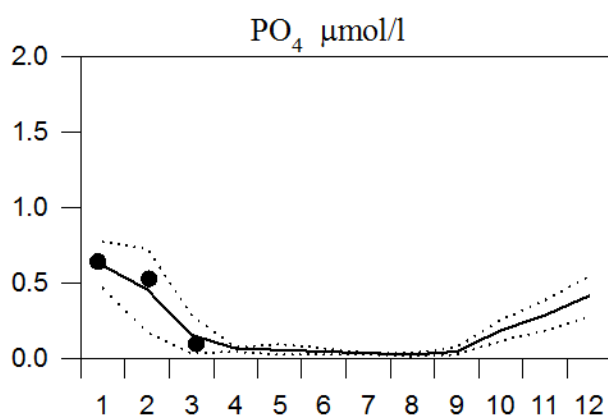
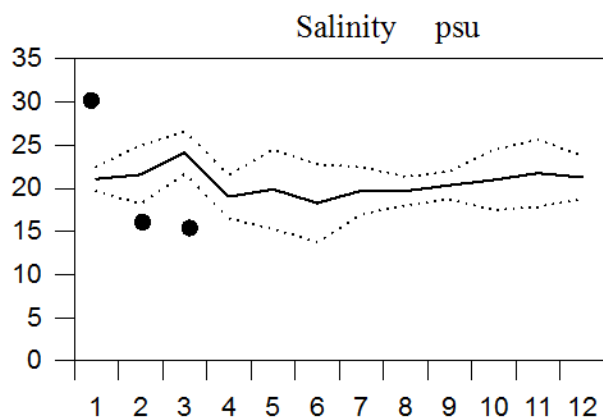
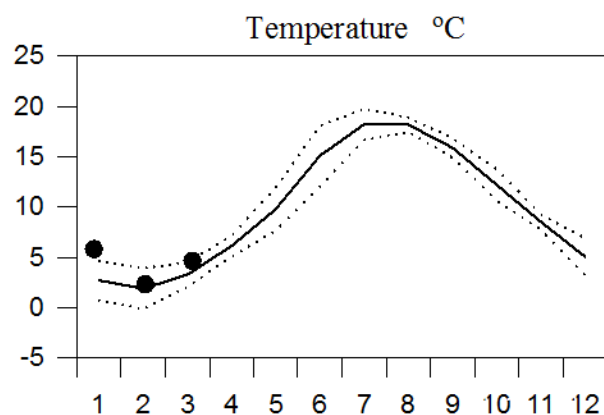
STATION N14 Falkenberg SURFACE WATER

Annual Cycles

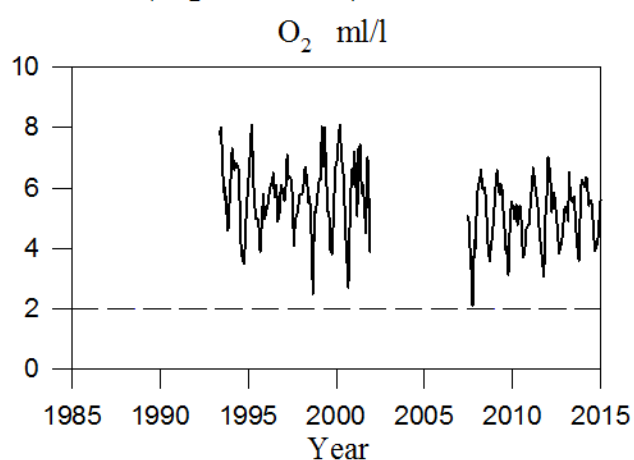
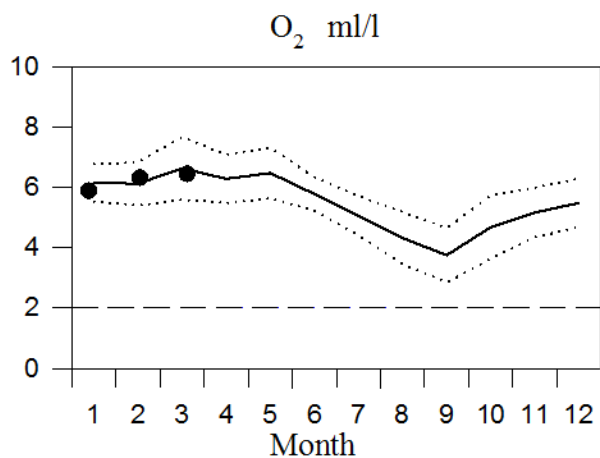
— Mean 2007-2010

..... St.Dev.

● 2015

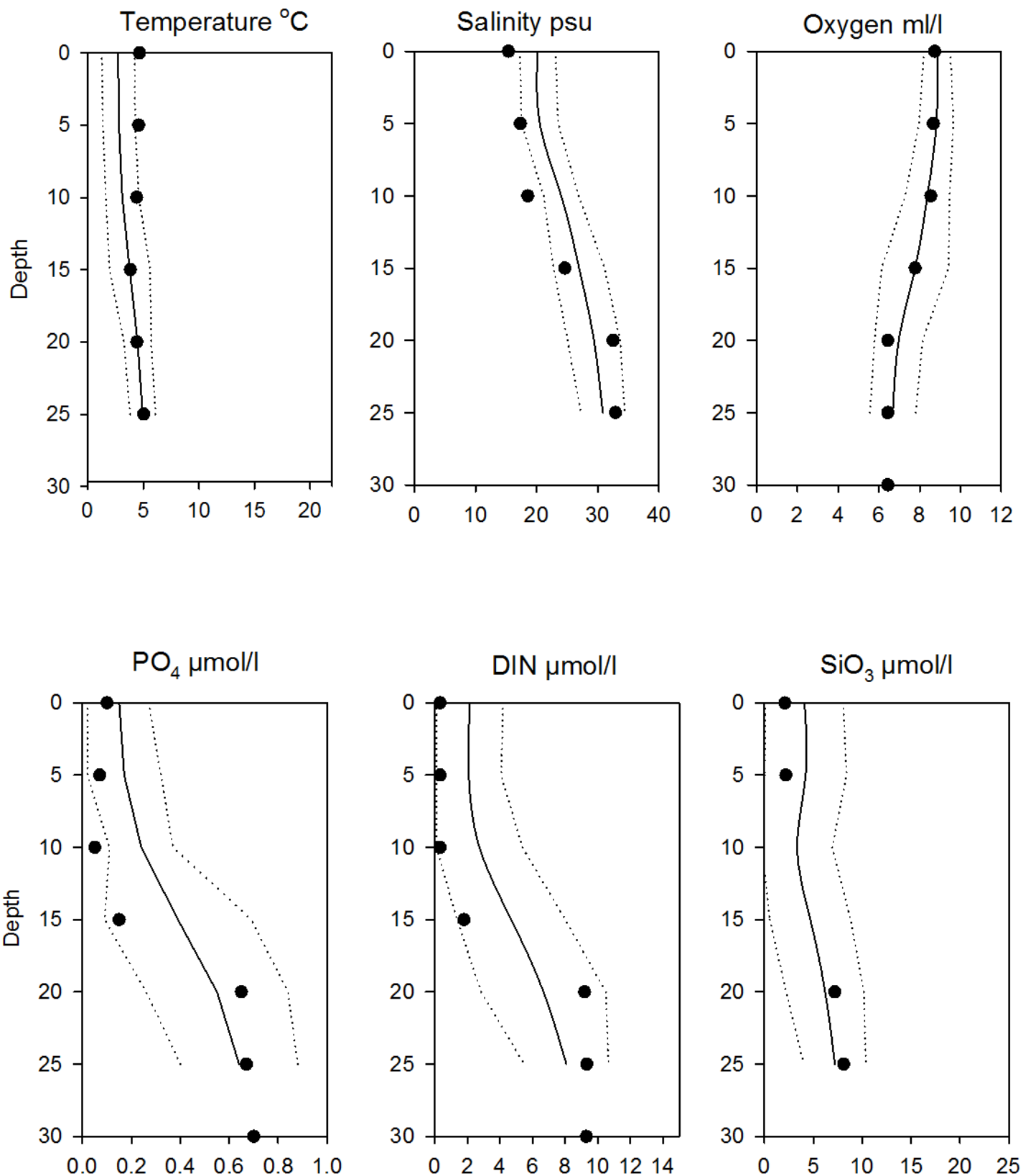


OXYGEN IN BOTTOM WATER (depth > 25m)



Vertical profiles N14 Falkenberg March

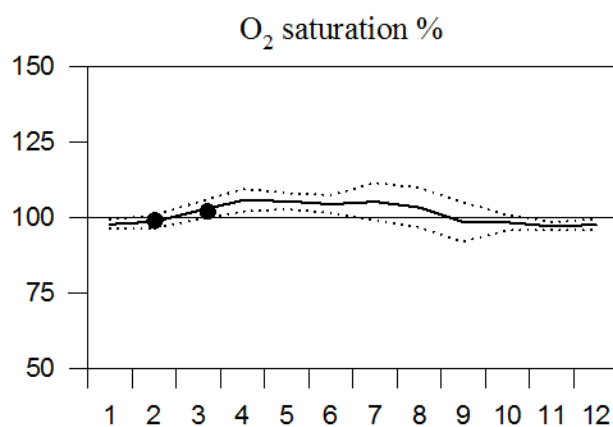
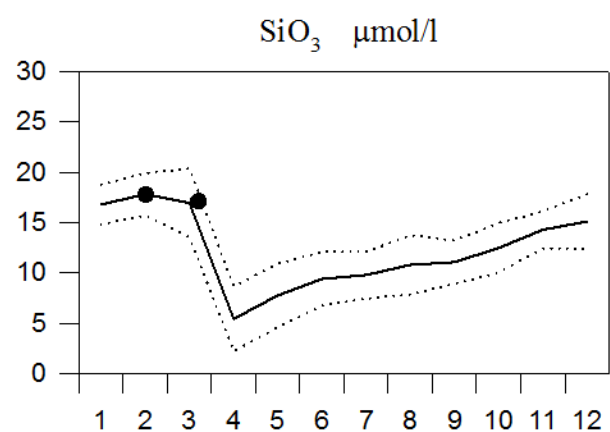
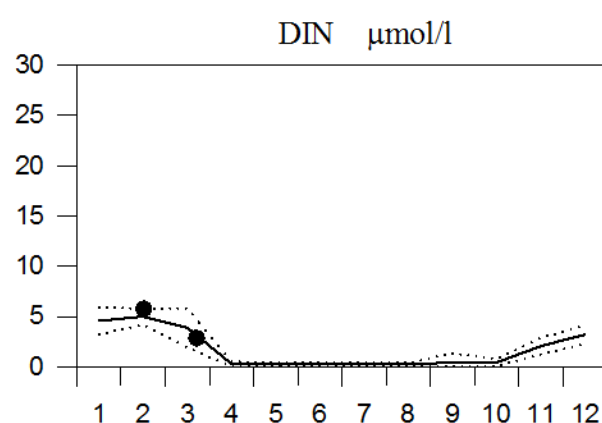
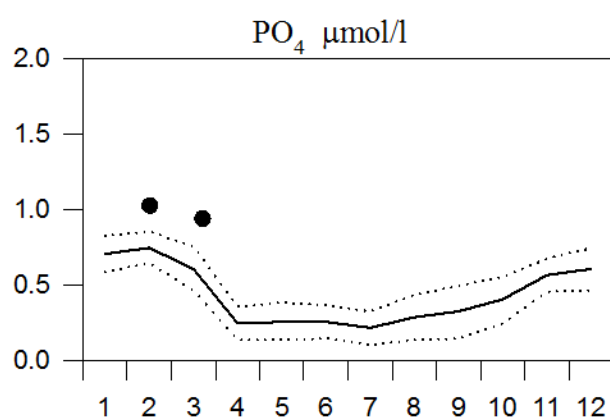
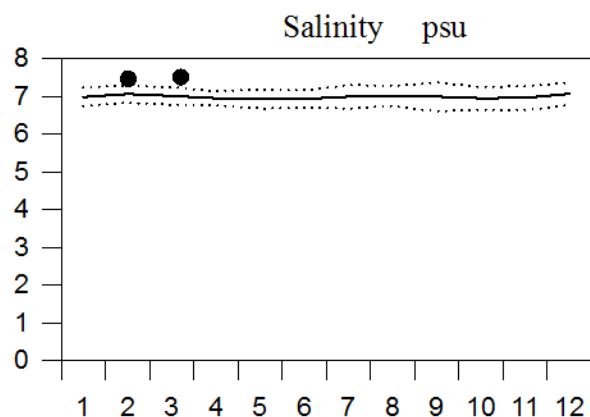
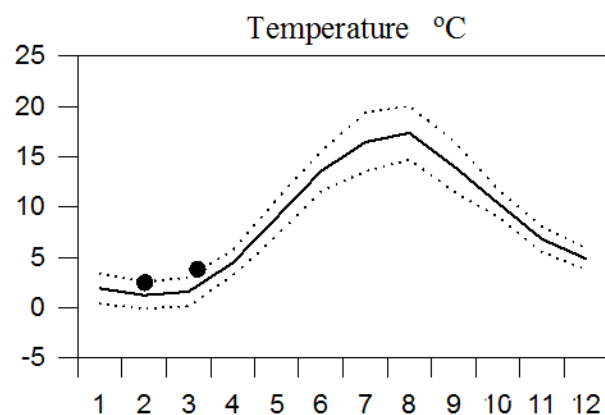
— Mean 1996-2010 St.Dev. ● 2015



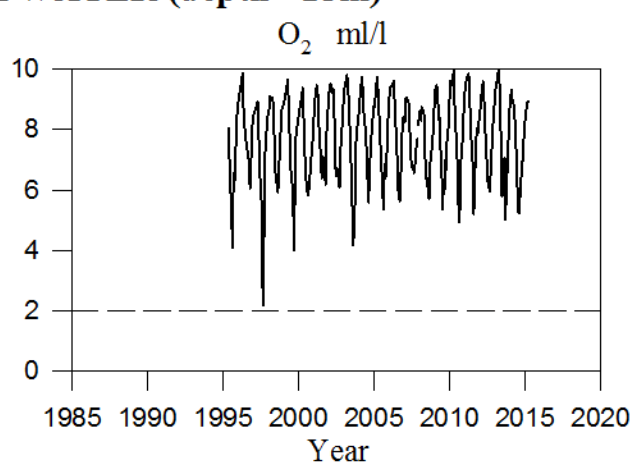
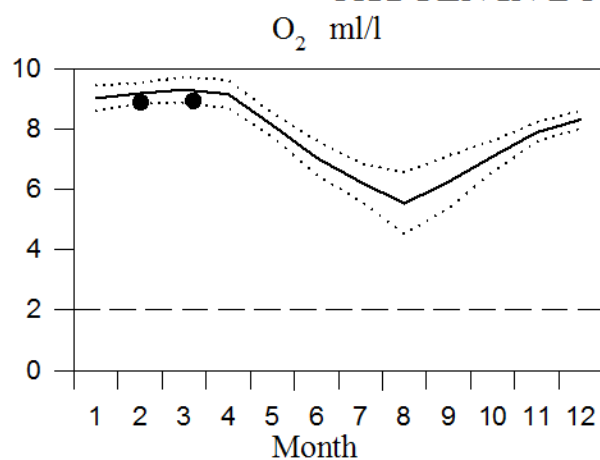
STATION REF M1V1 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015



OXYGEN IN BOTTOM WATER (depth >15m)



Vertical profiles Ref M1V1 March

— Mean 1996-2010 St.Dev. ● 2015

