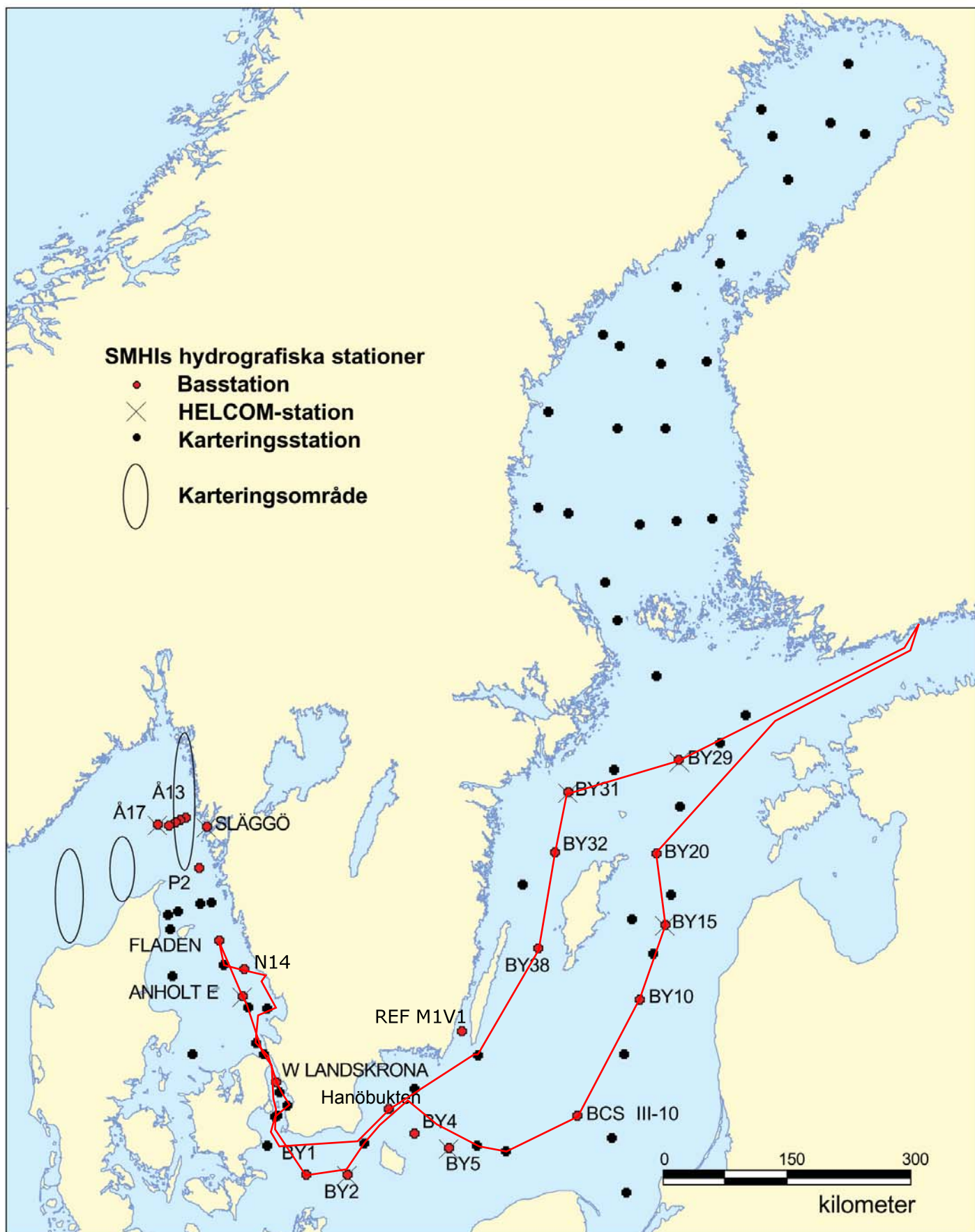


TRACKCHART
Country: Sweden
Ship: R/V ARANDA
Date: 20150107-20150115
Series: 0001-0030



SMHI
Ocean enh

Hydrographic
series

Ship: 01-Aranda
Year: 2015

Date: 2015-01-15
Time: 15:13

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	PCP C	PCP Z	PCP Z	No de	T e	S a	P h	O x	H 2	P o	T o	N o	N o	N o	T a	A h	S h	L i	P u	P i	T o	C o		
0001	BPNX35BAS	BY29		N5853	E2019	20150108	0310	176		24 15	4.1	1008	9990	x	--?----	16	-	?	-	x	x	x	?	x	x	x	?	-	x	-	-	-	-	-	-	-	x
0002	BPNX37BAS	BY31	LANDSORTSDJ	N5835	E1814	20150108	1220	445		23 14	4.9	1001	2750	x	-???----	23	-	?	x	x	x	?	x	x	x	?	x	-	-	-	-	-	-	-	-	x	
0003	BPWX38BAS	BY32	NORRRÖPINGSDJ	N5801	E1759	20150108	1730	202		23 12	5.1	1002	9990	x	--?----	17	x	?	-	x	x	x	?	x	x	x	?	-	x	-	-	-	-	-	-	-	
0004	BPWX45BAS	BY38	KARLSÖDJ	N5707	E1740	20150108	2340	111		25 10	5.1	1000	9990	x	--?----	14	x	?	-	x	x	x	?	x	x	x	?	-	x	-	-	-	-	-	-	-	
0005	BPWX00EXT	4.5 NO	ÖLANDS SÖDRA	N5610.08	E1638.66	20150109	0615	58		26 14	4.6	1001	9990	x	-----	9	x	?	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x		
0006	BPSH05BAS	HANÖBUKTEN		N5537	E1452	20150109	1350	80		28 14	5.3	990	2750	x	--?----	11	x	?	-	x	-	x	?	x	x	x	?	-	x	-	-	-	-	-	-	x	
0007	SOCX44BAS	ÖRESUND-4		N5538.8	E1257.3	20150110	0107	14		31 8	4.6	997	9990	x	-----	4	x	?	-	x	-	x	?	x	x	x	?	-	x	-	-	-	-	-	-	-	
0008	SOCX41BAS	ÖRESUND-7		N5546.2	E1247.8	20150110	0238	19		30 5	4.3	997	9990	x	-----	5	x	?	-	x	-	x	?	x	x	x	?	-	x	-	-	-	-	-	-	-	
0009	SOCX39BAS	W LANDSKRONA		N5552.0	E1245.0	20150110	0400	51		22 3	4.6	995	9990	x	--?----	9	x	?	-	x	-	x	?	x	x	x	?	-	x	-	-	-	-	-	-	x	
0010	SONX33BAS	ÖRESUND-12X		N5607.6	E1231.0	20150110	0640	26		17 7	3.6	991	6930	x	--?----	6	x	?	-	x	-	x	?	x	x	x	?	-	x	-	-	-	-	-	-	x	
0011	KAEX33BAS	KULLEN		N5614	E1222.2	20150110	0810	26		17 10	4.4	986	6730	x	--?----	6	x	?	-	x	-	x	?	x	x	x	?	-	x	-	-	-	-	-	-	-	
0012	KAEL60HAL	L9 LAHOLMSBUKTEN		N5633.90	E1243.20	20150110	1050	20		23 18	7.0	978	6840	x	--?----	5	x	?	-	x	-	x	?	x	x	x	?	-	x	-	-	-	-	-	-	x	
0013	KANX50BAS	N14 FALKENBERG		N5656.40	E1212.70	20150112	0840	32		23 13	5.9	995	6850	x	-???----	7	x	?	x	x	-	x	?	x	x	x	?	-	x	-	-	-	-	-	-	x	
0014	KANX26BAS	L:A MIDDELGRUND		N5657.5	E1145.5	20150112	1050	65		22 11	6.1	993	2840	x	--?----	11	x	?	-	x	-	x	?	x	x	x	?	-	x	-	-	-	-	-	-	-	
0015	KANX25BAS	FLADEN		N5711.5	E1140	20150112	1250	68		23 14	6.0	990	6840	x	-?-----	11	x	?	?	x	-	x	?	x	x	x	?	-	x	-	-	-	-	-	-	x	
0016	KAEX29BAS	ANHOLT E		N5640.0	E1207.0	20150112	1740	64		24 12	7.2	991	6950	x	--?----	10	x	?	x	x	-	x	?	x	x	x	?	-	x	-	-	-	-	-	-	x	
0017	KAEX30BAS	ST MIDDELGRUND		N5634	E1213	20150112	1915	51		24 13	7.1	992	9990	x	--?----	9	x	?	-	x	-	x	?	x	x	x	?	-	x	-	-	-	-	-	-	x	
0018	BPSA02BAS	BY1		N5500	E1318	20150113	0525	46		21 8	5.5	1001	9990	x	--?----	8	x	?	-	x	-	x	?	x	x	x	?	-	x	-	-	-	-	-	-	-	
0019	BPSA00EXT	BY2 SVENSK		N5458.99	E1404.40	20150113	0900	48	9	19 11	6.2	998	2830	x	--???--	8	x	?	-	x	-	x	?	x	x	x	?	-	x	-	-	-	-	-	-	-	
0020	BPSA00EXT	BY3 SVENSK		N5519.88	E1429.16	20150113	1125	54		21 15	7.0	995	2840	x	-----	9	x	?	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
0021	BPSH00EXT	19NE BY3		N5531.35	E1445.97	20150113	1410	64		22 14	7.7	995	2840	x	-----	10	x	?	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
0022	BPSH00EXT	26NE HANÖBUKTEN		N5541.83	E1502.32	20150113	1600	62		23 13	6.9	995	5990	x	-----	9	x	?	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
0023	BPSB00EXT	26E BY4		N5537.01	E1524.65	20150113	1810	70		24 14	6.3	995	5990	x	-----	10	x	?	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
0024	BPSE08EXT	STOLPE TRÖSKEL		N5516.5	E1631	20150113	2230	65		24 10	6.1	999	9999	x	-----	10	x	?	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
0025	BPSE09EXT	BY7 STOLPE RÄNNA		N5513	E1704	20150114	0030	91		23 9	5.9	1000	9999	x	-----	12	x	?	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
0026	BPSE11BAS	BCS III-10		N5533.3	E1824	20150114	0545	91		22 10	5.5	999	9990	x	--?----	12	x	?	-	x	-	x	?	x	x	x	?	-	x	-	-	-	-	-	-	-	
0027	BPEX13BAS	BY10		N5638	E1935	20150114	1350	144		25 7	4.2	997	6830	x	-???----	15	x	?	?	x	x	x	?	x	x	x	?	-	x	-	-	-	-	-	-	x	

```
Date: 2015-01-15
Time: 15:13
```

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	C PPCPZZT Hrhhhoor	No de	T S e a h y	P O x 2	H x 2	P T S 4	T o o	N t o	N h o	N t o	T A o l i	S h u i	L u g	P O O	T C O		
0028	BPEX21BAS	BY15	GOTLANDSDJ	N5720	E2003	20150114	1815	240		28 10	4.2	998	9990	x --???	19	x ?	x	x	x	x	?	x	x	x	?	x	-	-	-	x
0029	BPEX21EXT	BY15	EXTRA	N5720	E2003	20150114	2000	240		26 9	3.7	999	9990	x -----	11	x ?	-	x	x	x	?	x	x	x	?	x	-	-	-	-
0030	BPEX26BAS	BY20	FÄRÖDJ	N5800	E1953	20150115	0030	198		25 9	3.3	1001	9990	x -?-----	17	x ?	-	x	x	x	?	x	x	x	?	x	-	-	-	-

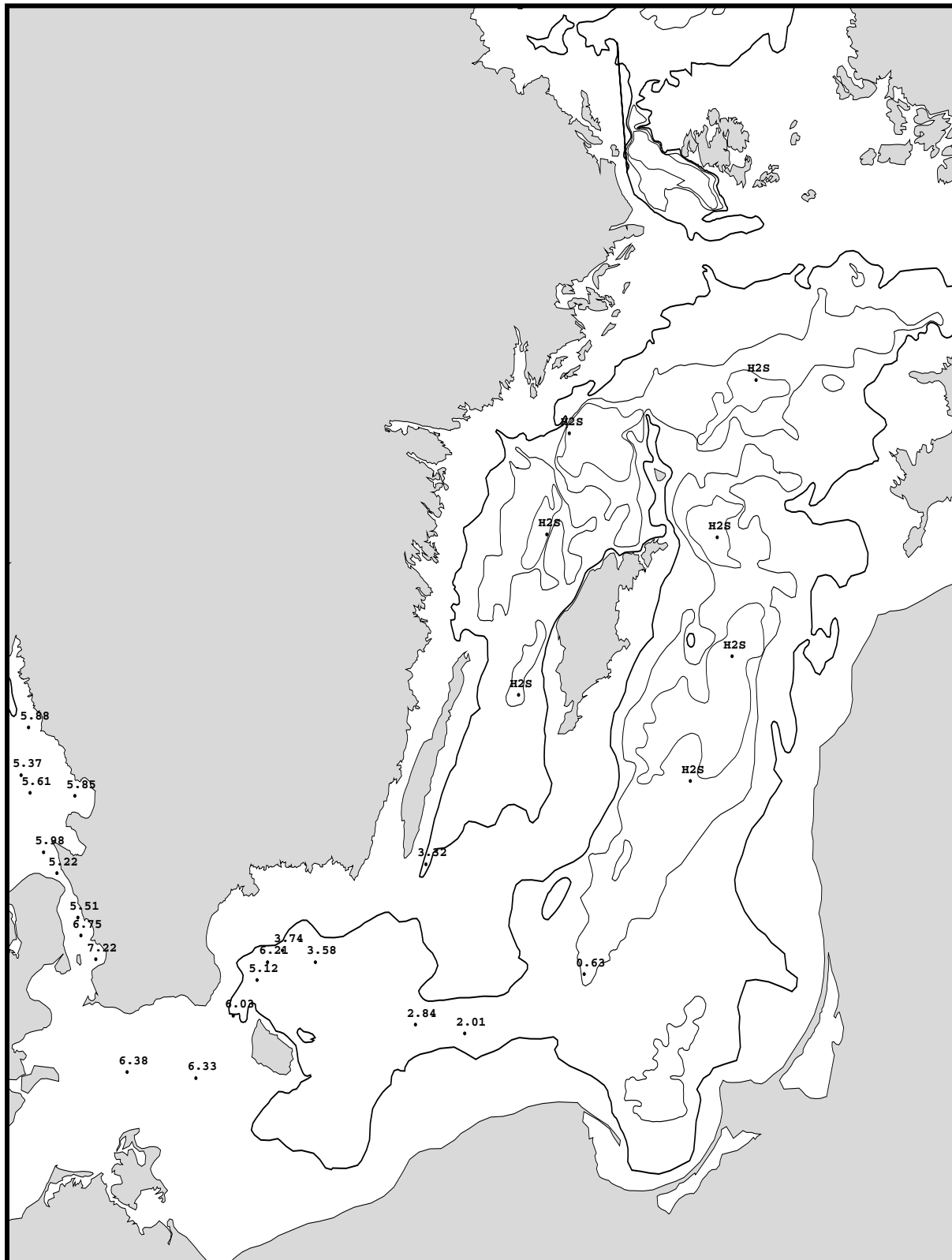
Bottom water oxygen concentration (ml/l)

Country: Finland

Ship : Aranda

Date : 20150108-20150115

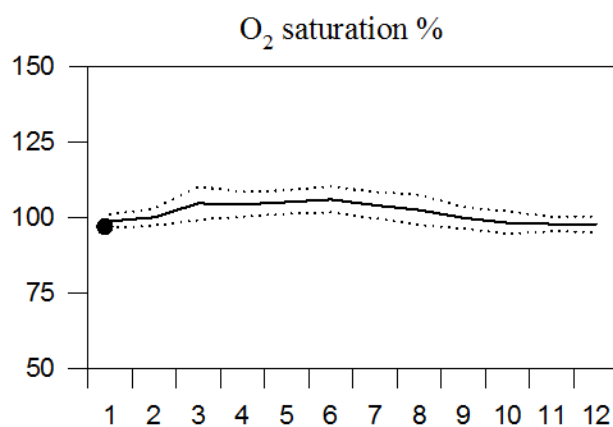
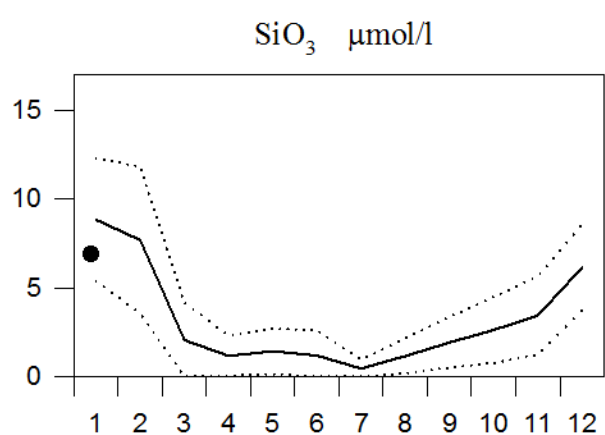
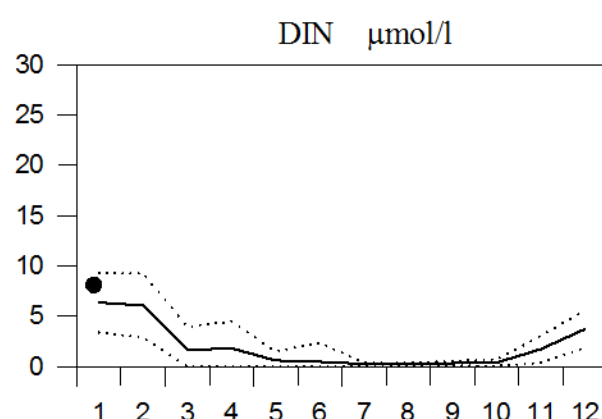
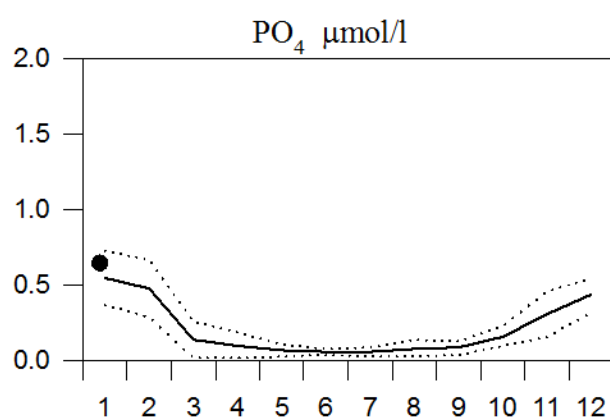
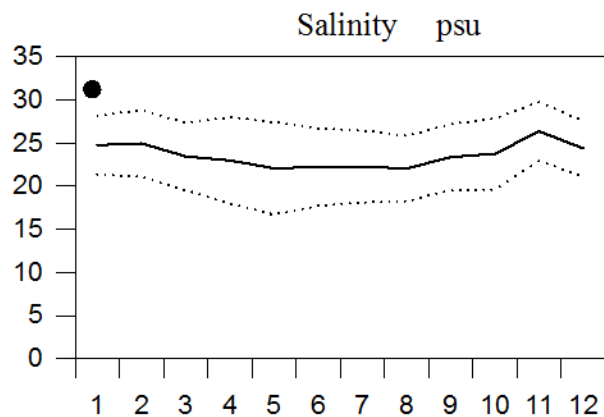
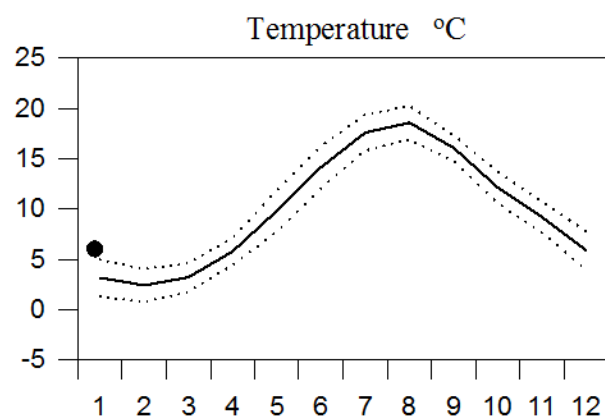
Series : 0001-0030



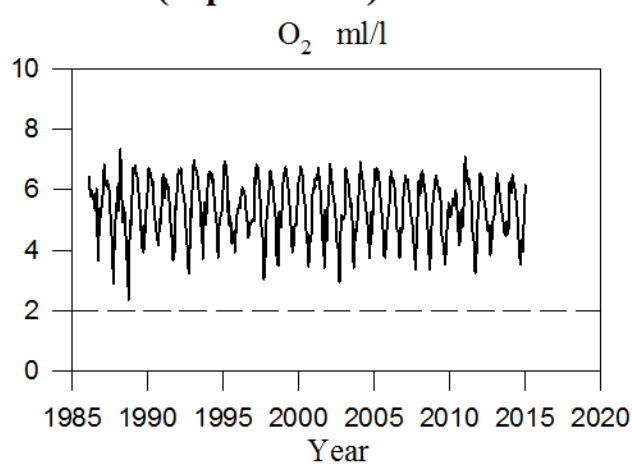
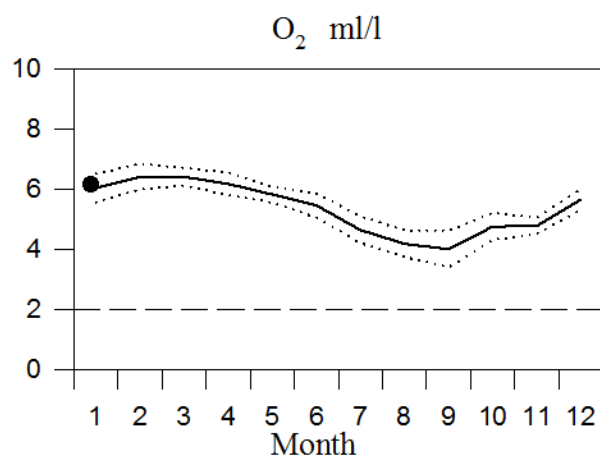
STATION FLADEN SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

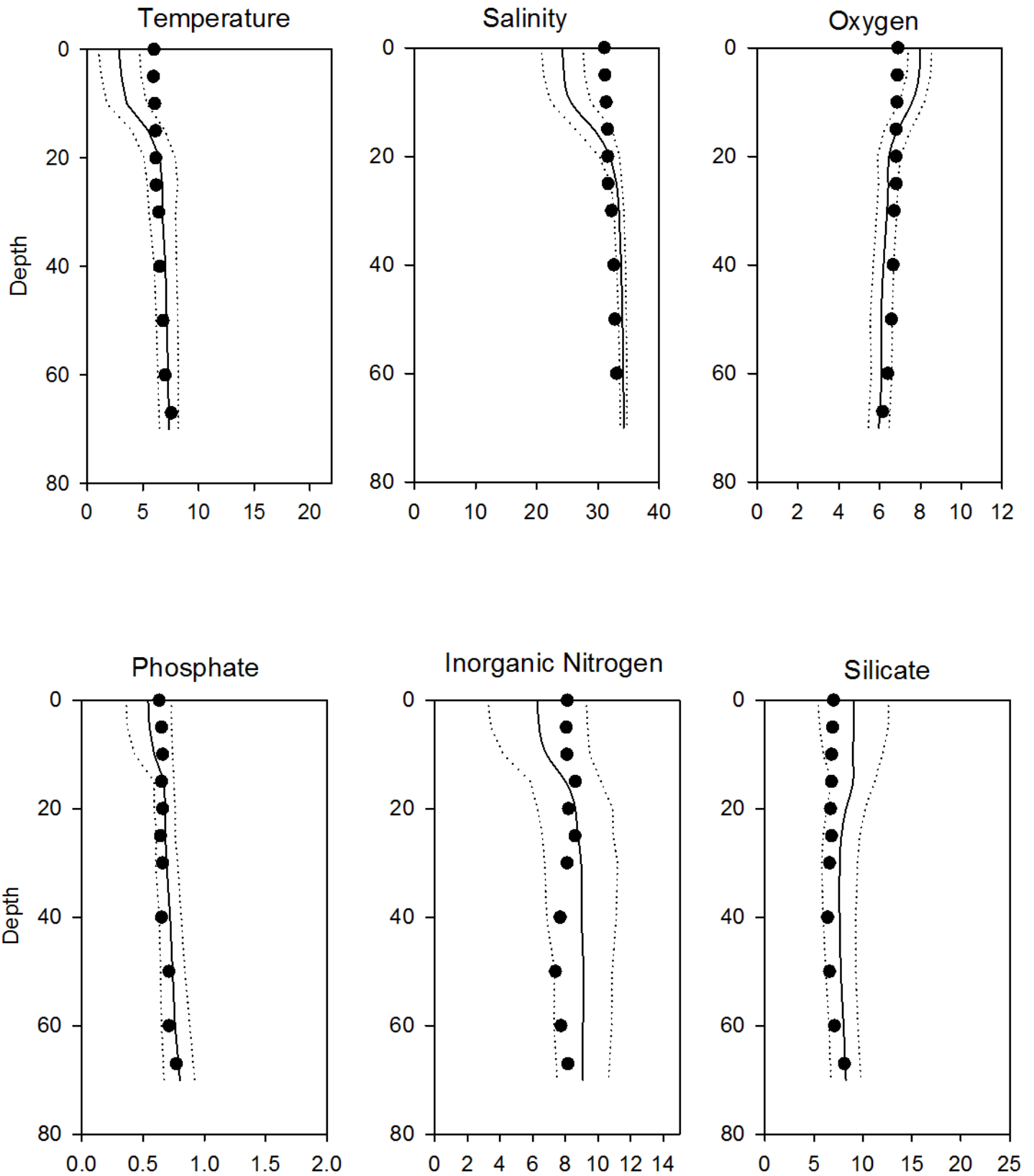


OXYGEN IN BOTTOM WATER (depth > 70m)



Vertical profiles Fladen January

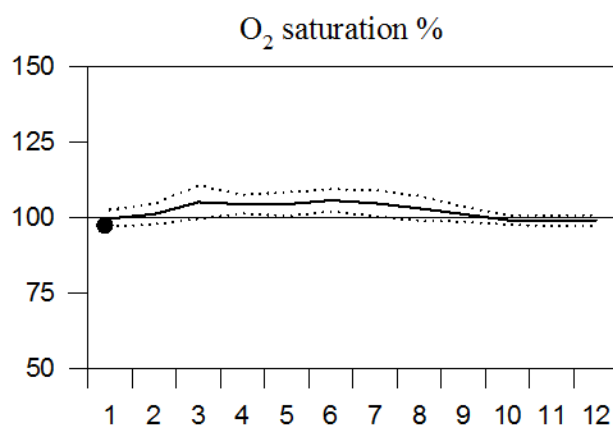
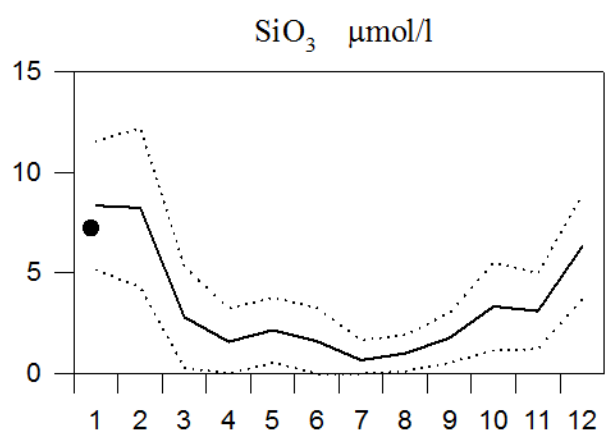
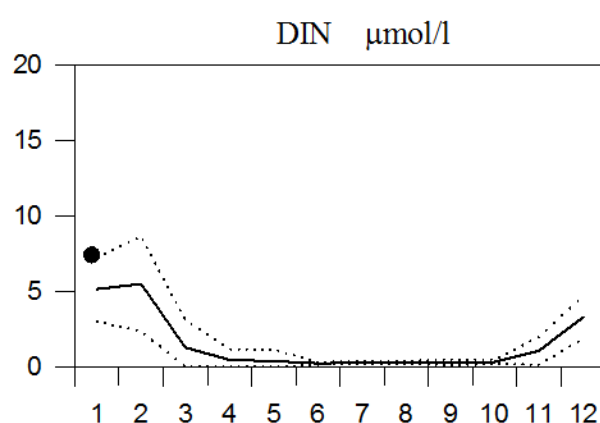
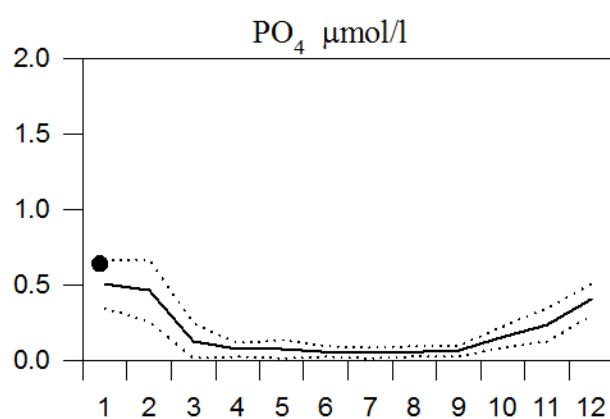
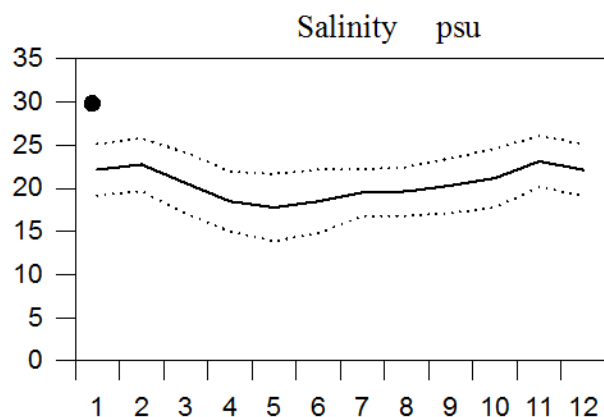
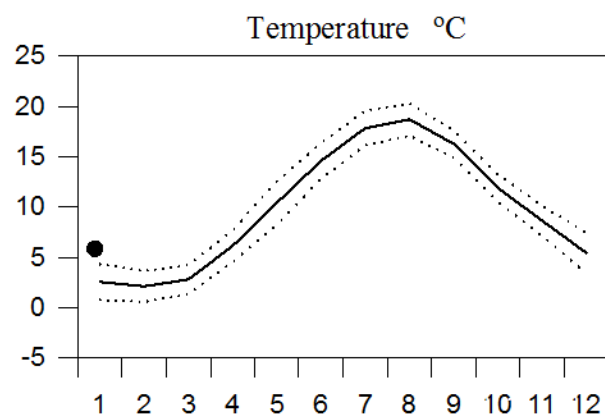
— Mean 1996-2010 St.Dev. ● 2015



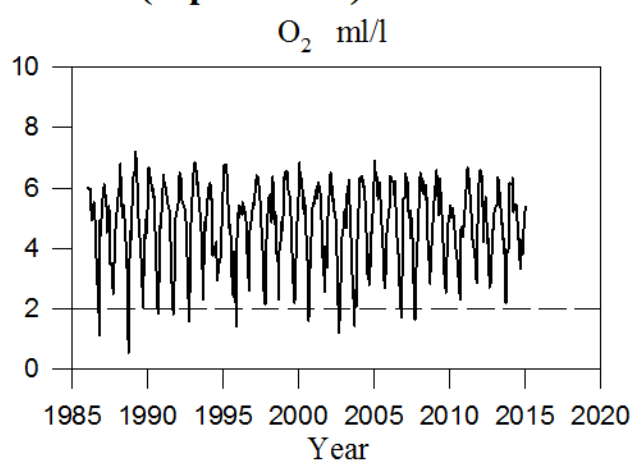
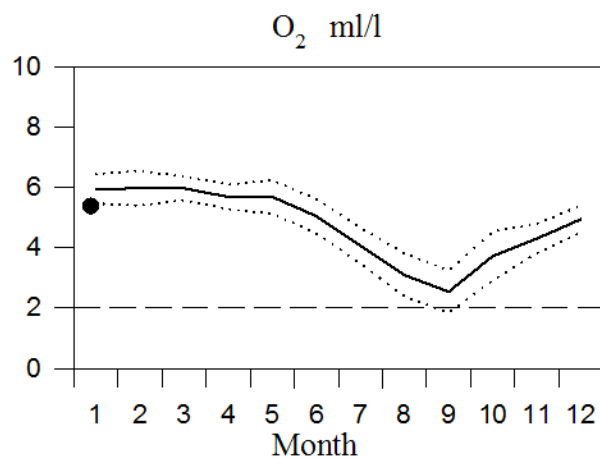
STATION ANHOLT E SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

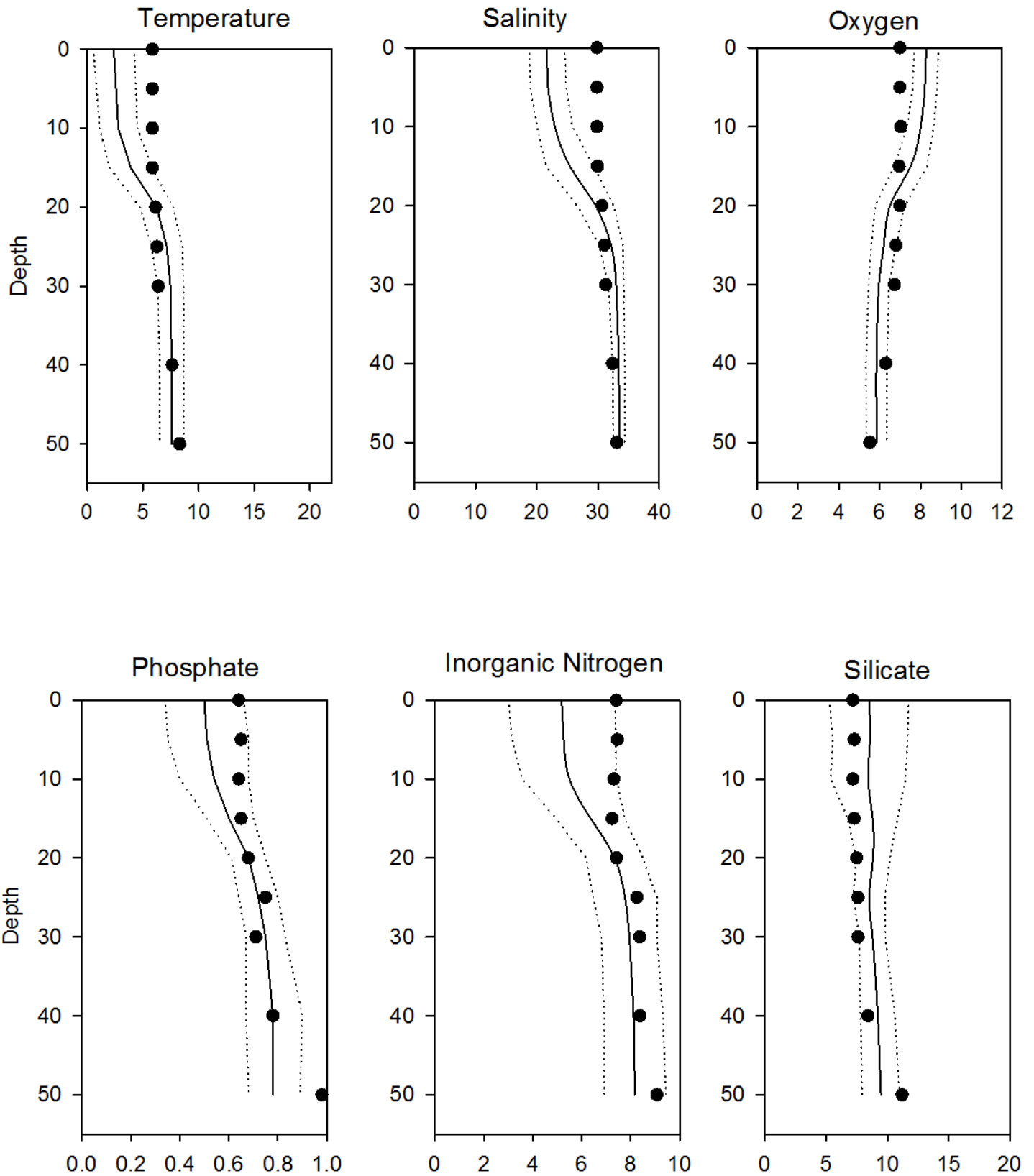


OXYGEN IN BOTTOM WATER (depth > 50m)



Vertical profiles Anholt E January

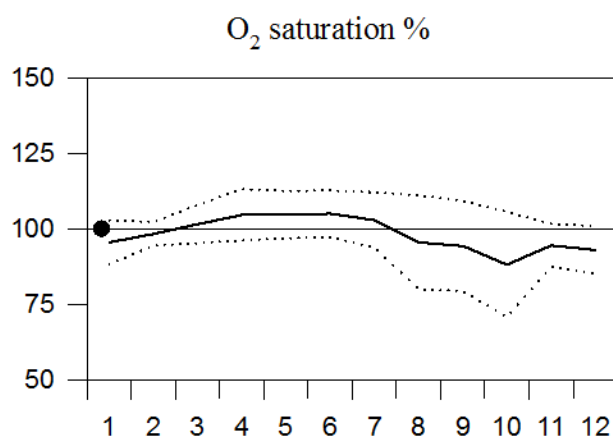
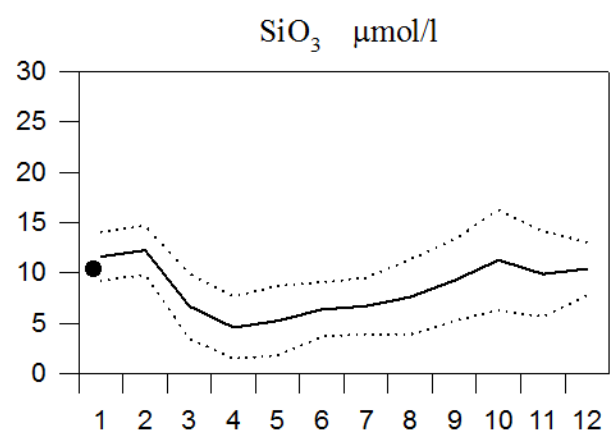
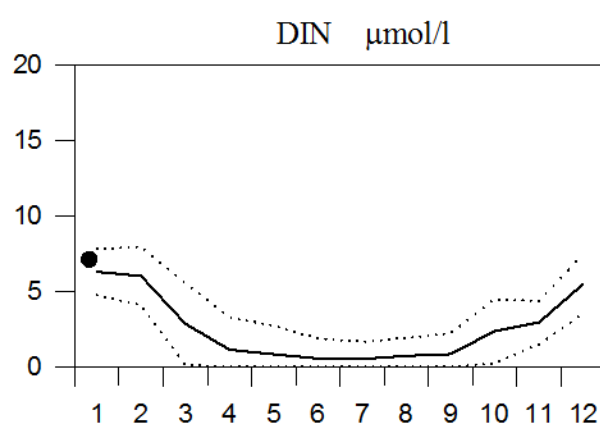
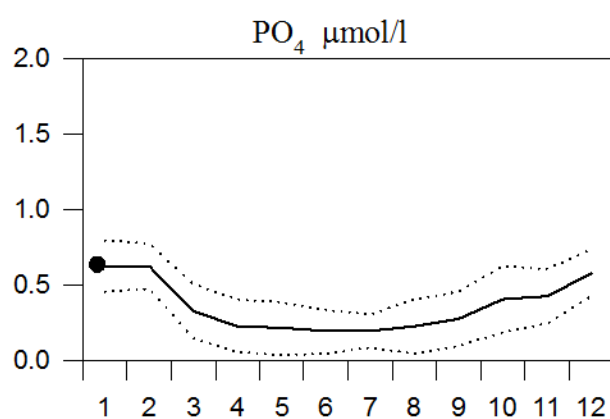
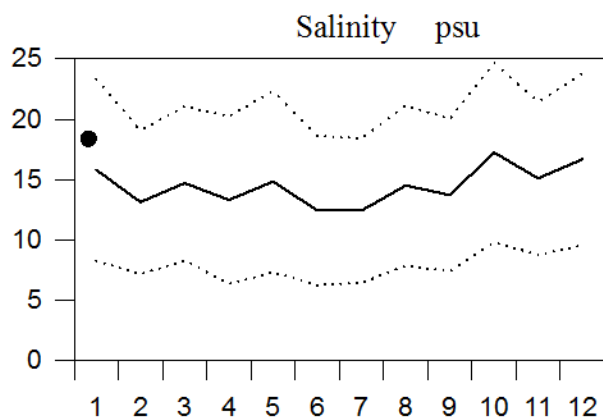
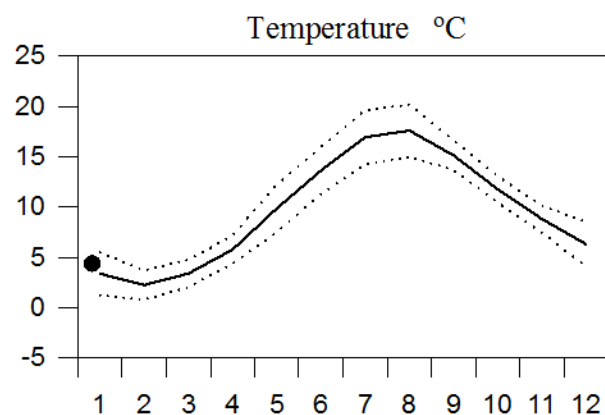
— Mean 1996-2010 St.Dev. ● 2015



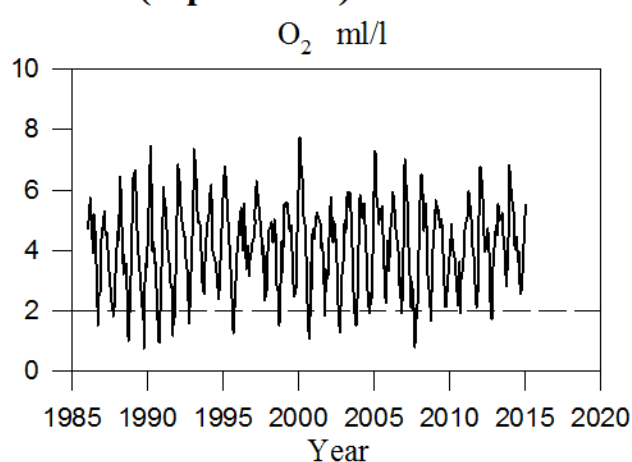
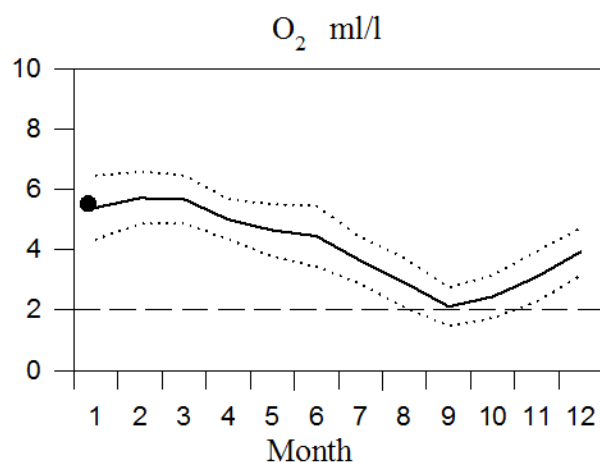
STATION W LANDSKRONA SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

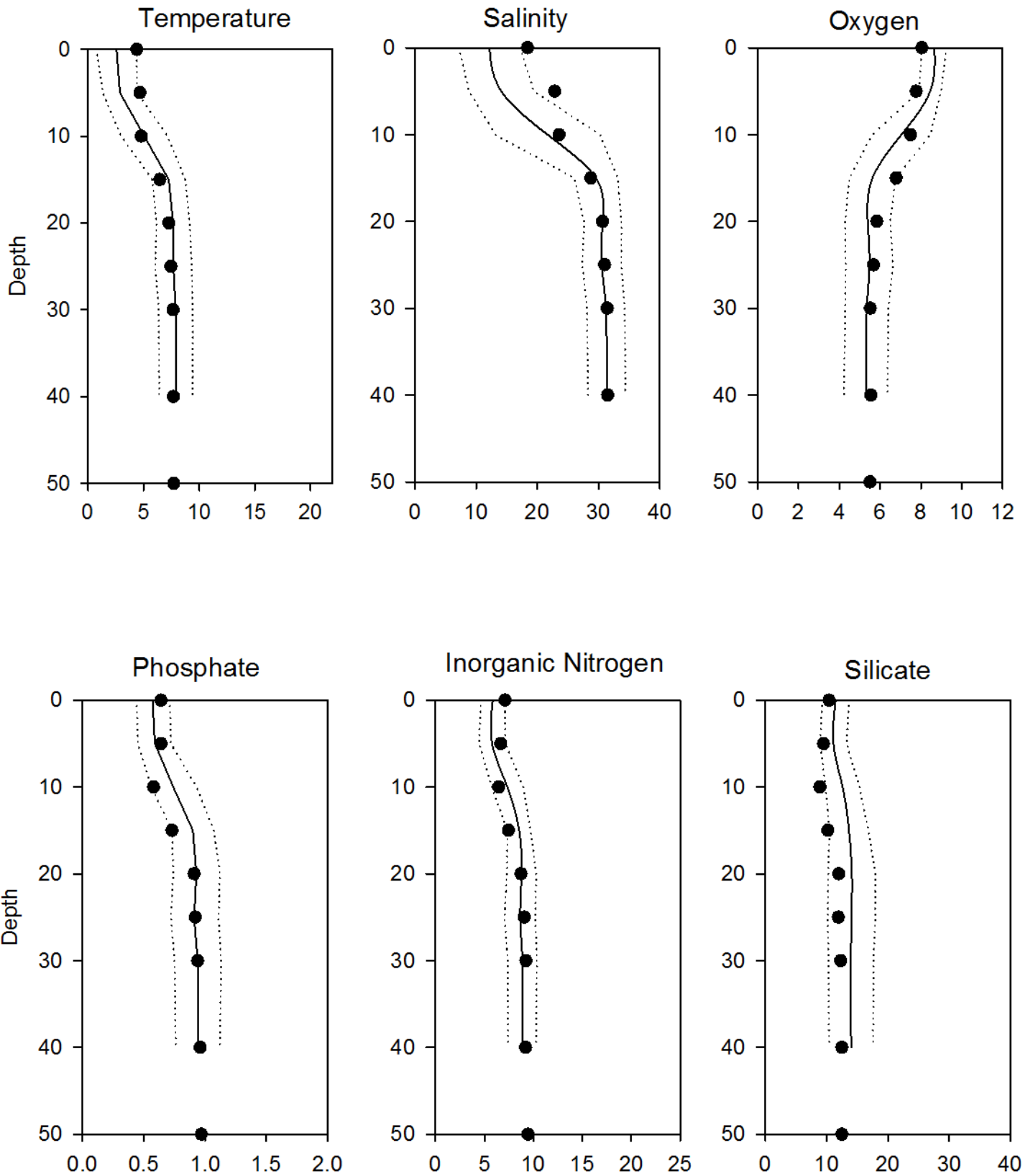


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles W Landskrona January

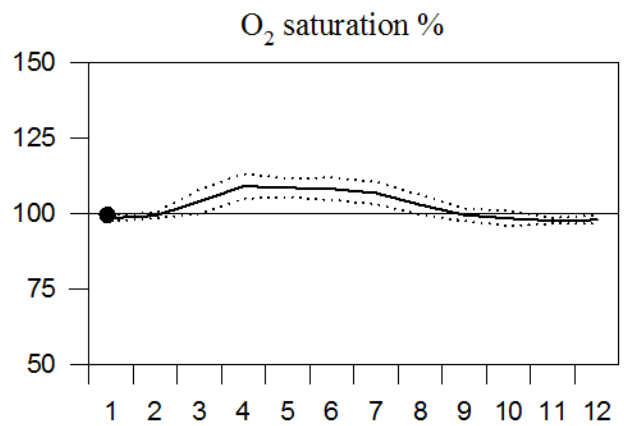
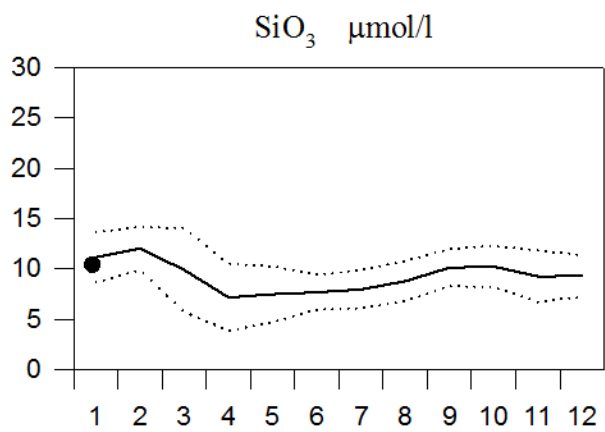
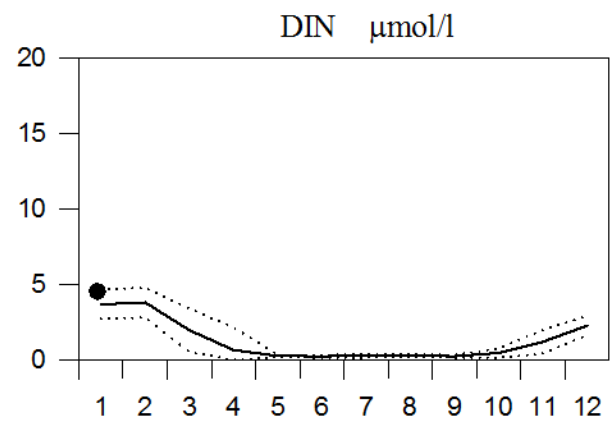
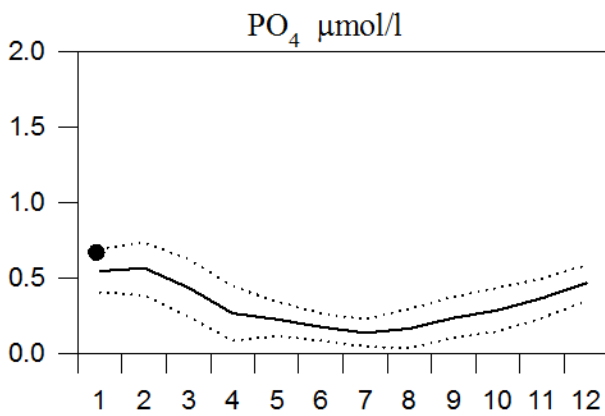
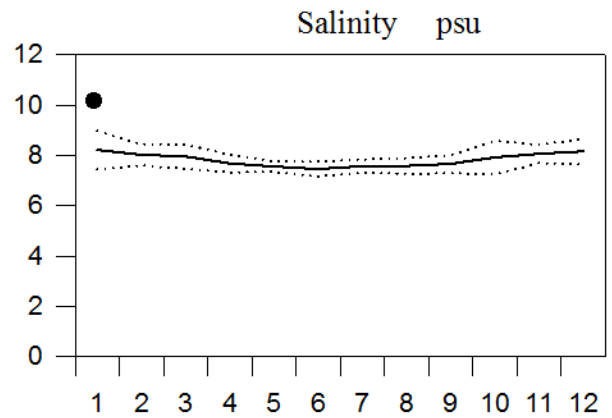
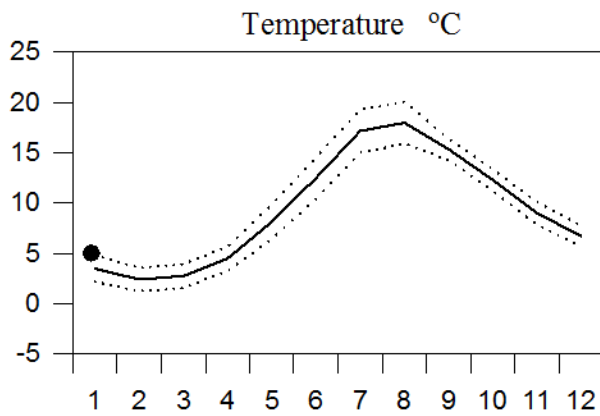
— Mean 1996-2010 St.Dev. ● 2015



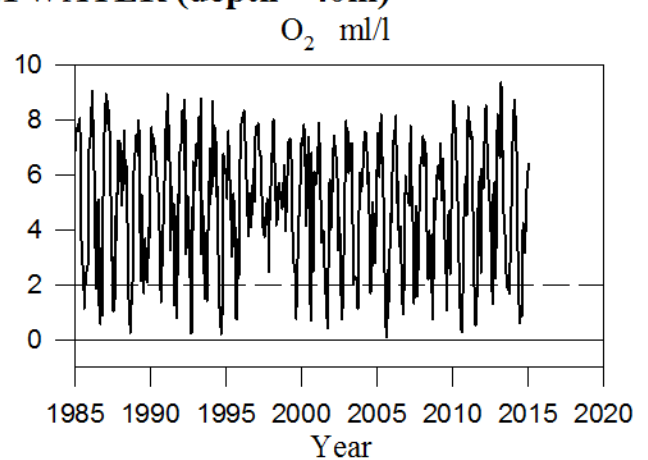
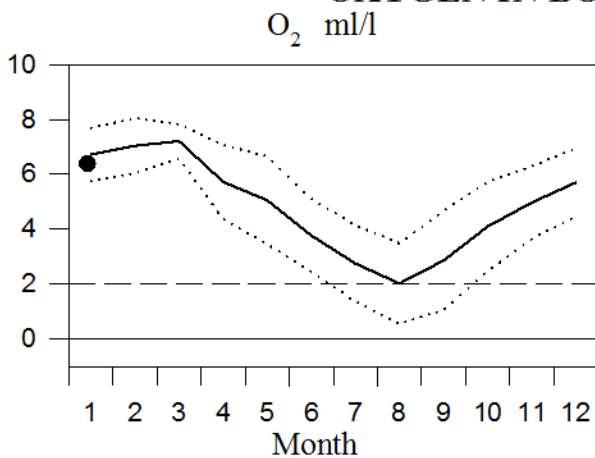
STATION BY1 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

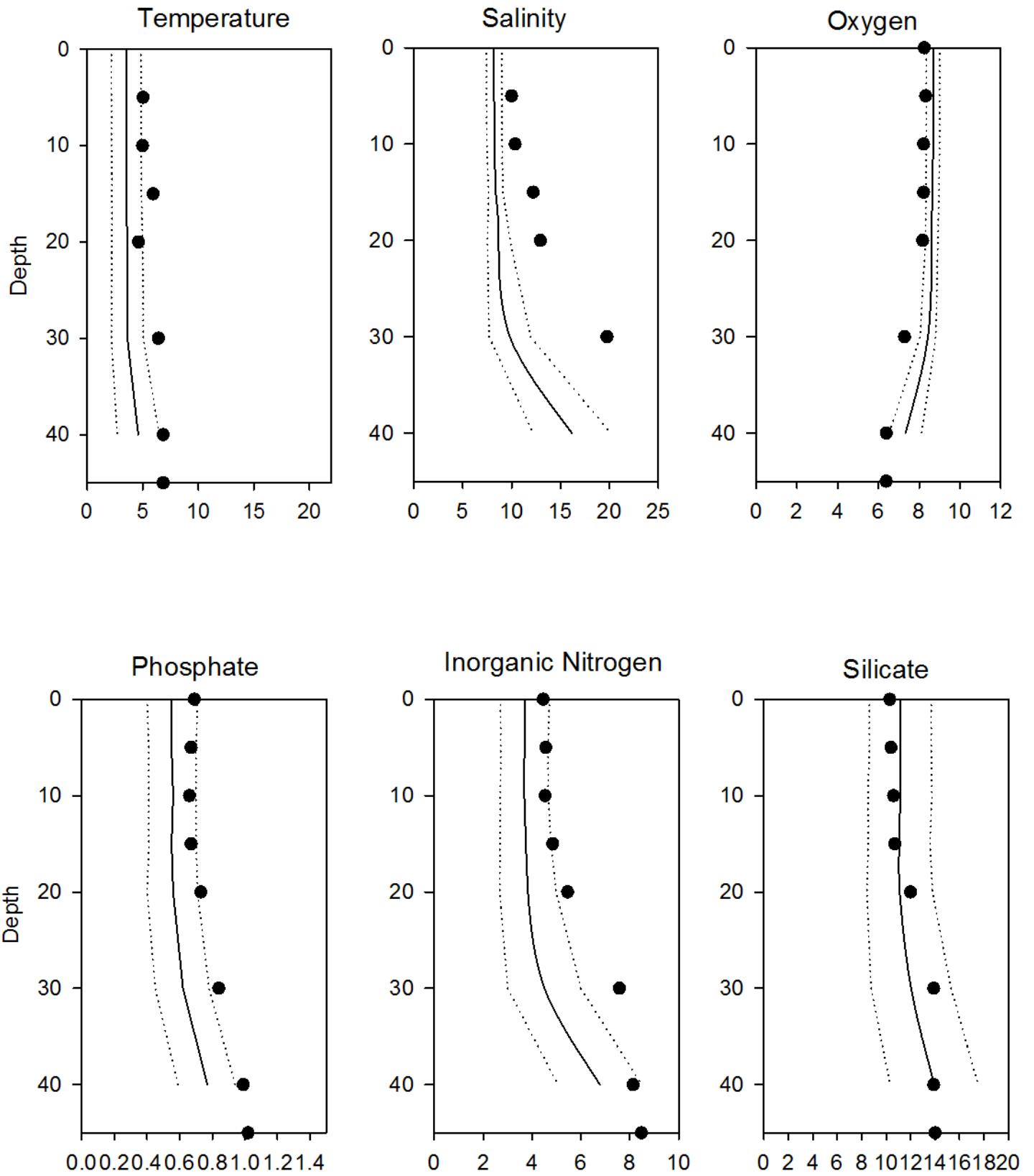


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles BY1 January

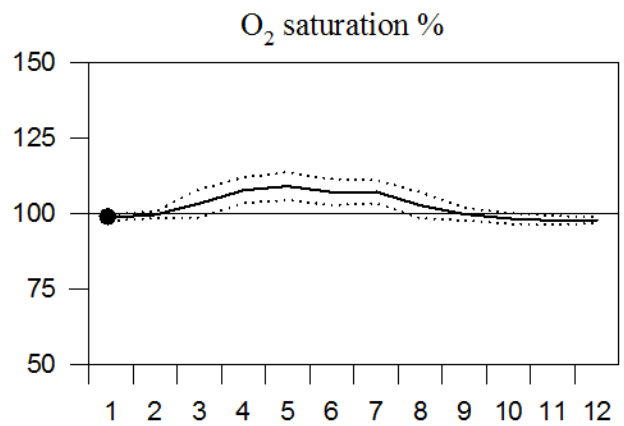
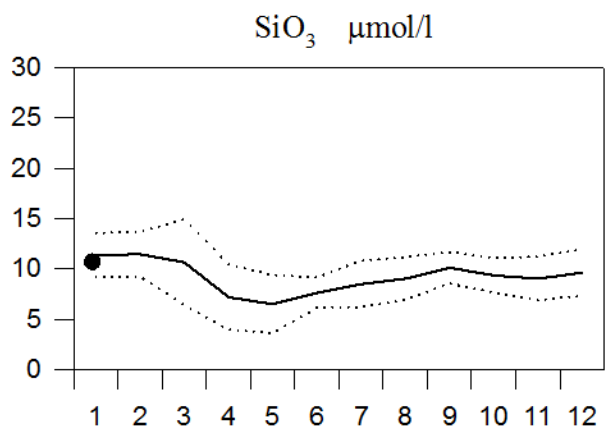
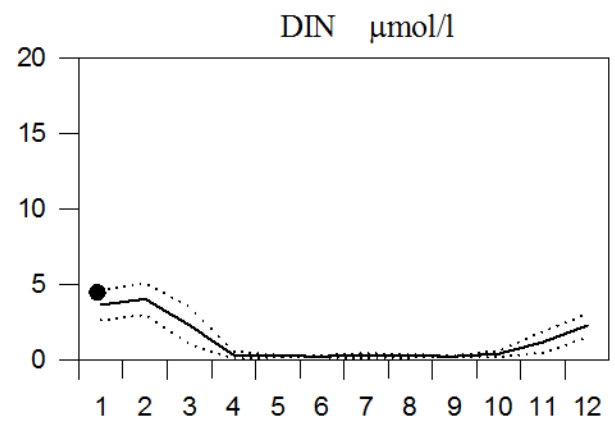
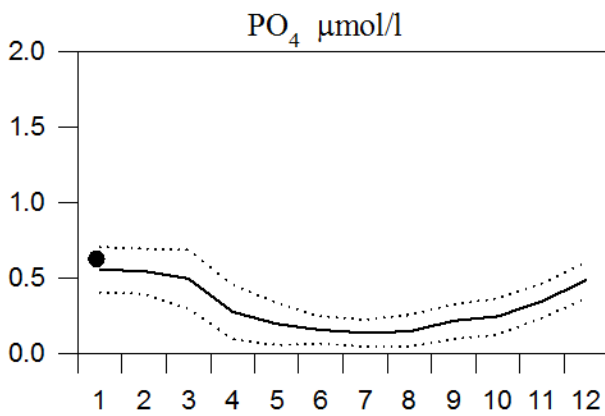
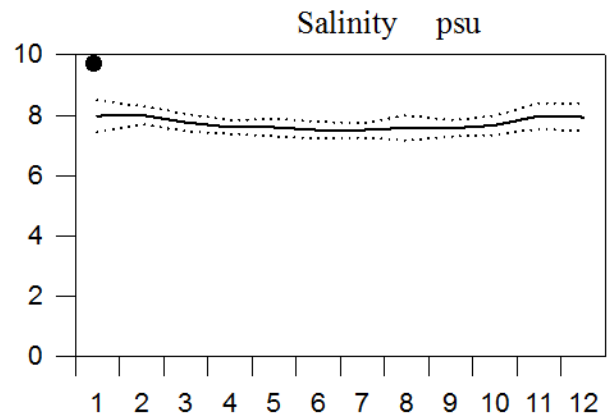
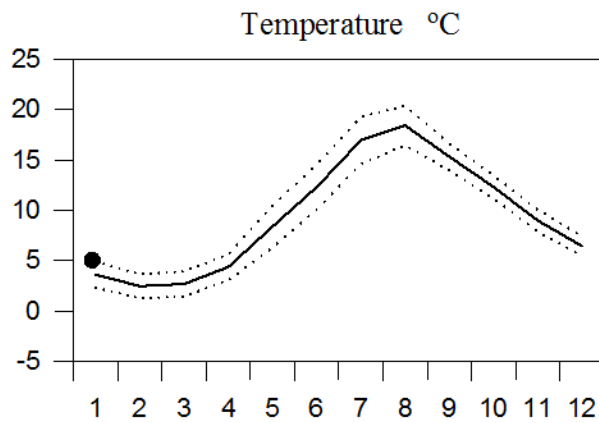
— Mean 1996-2010 St.Dev. ● 2015



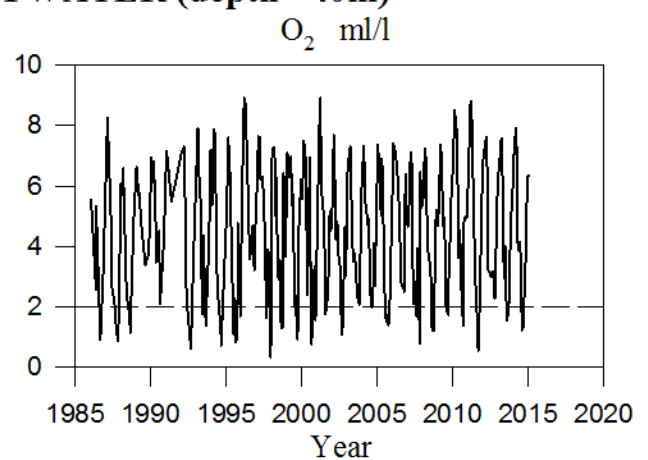
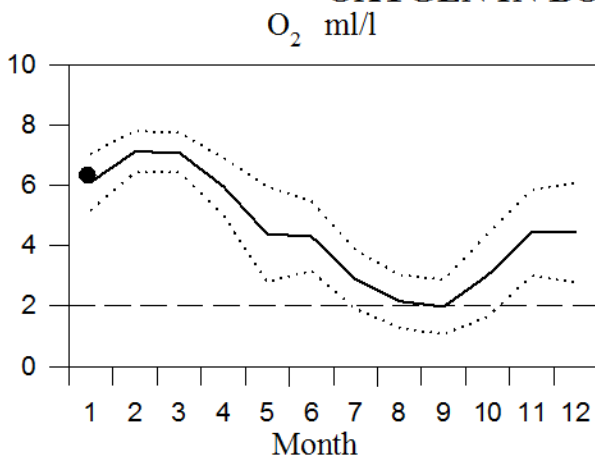
STATION BY2 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

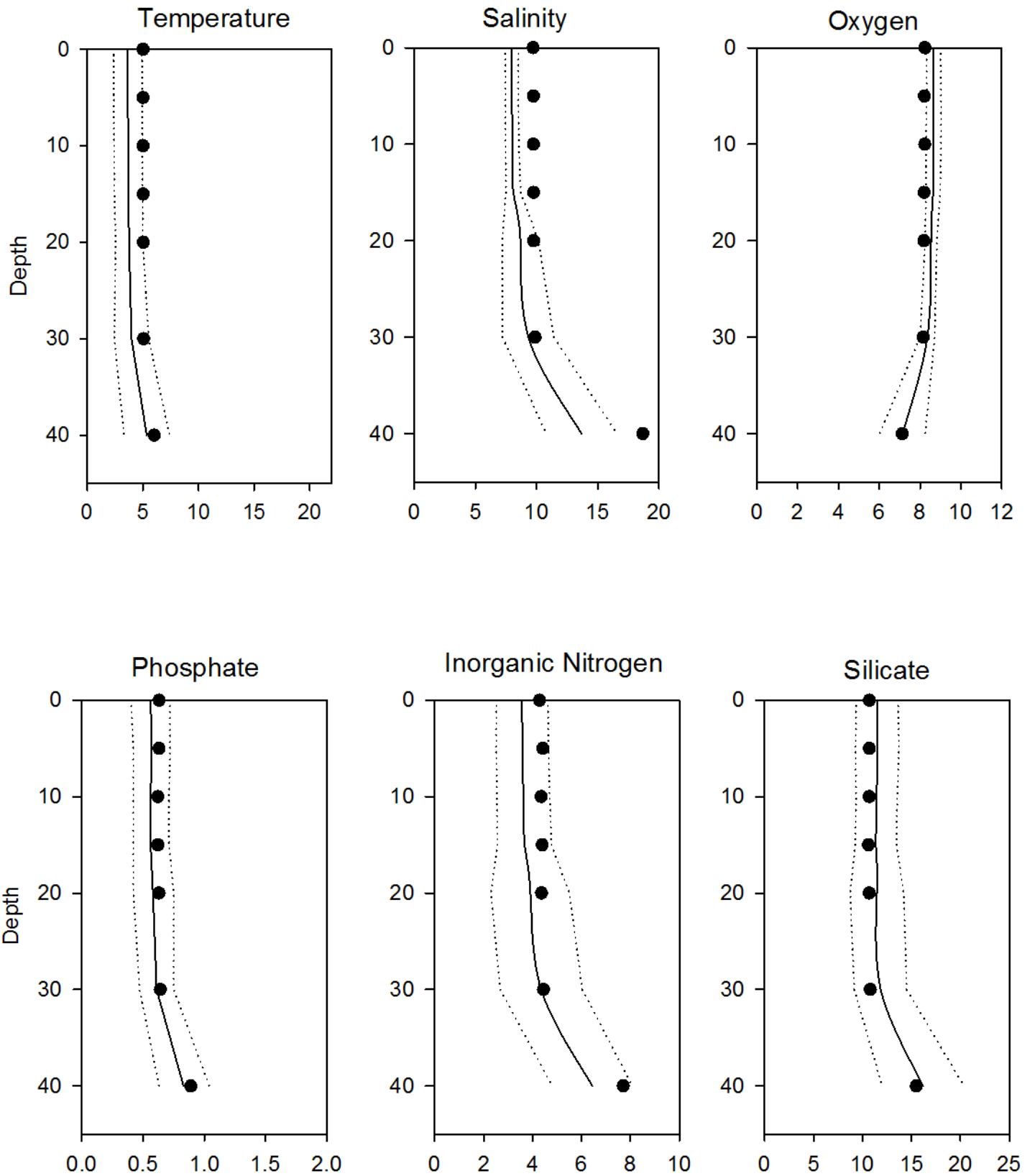


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles BY2 January

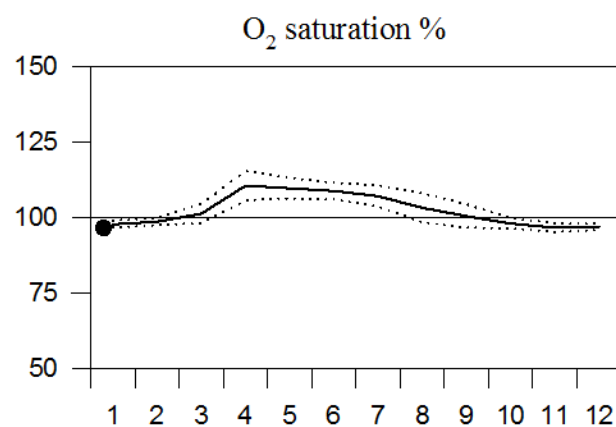
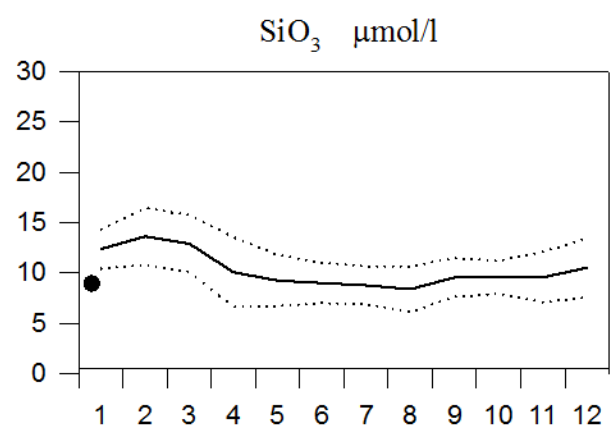
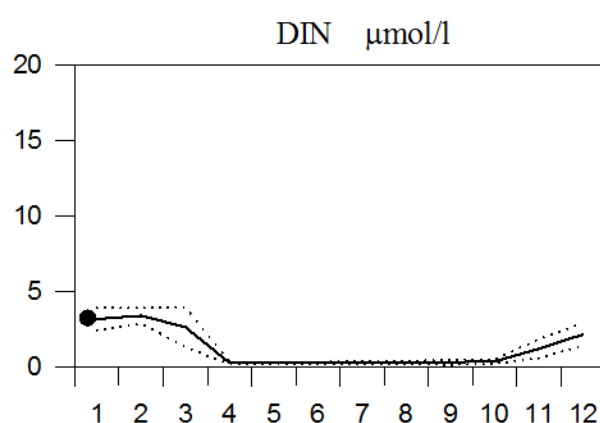
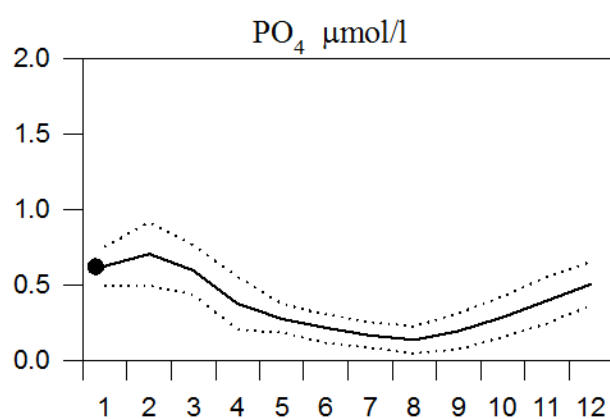
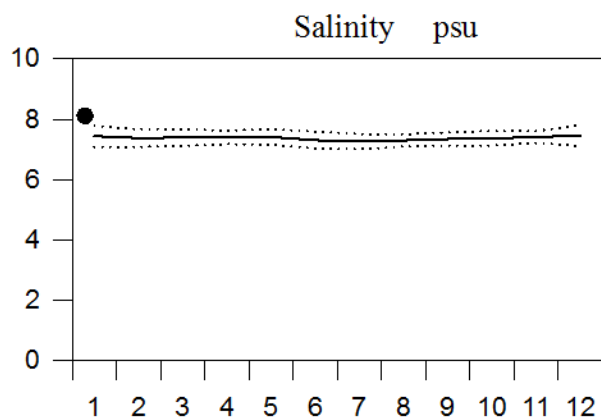
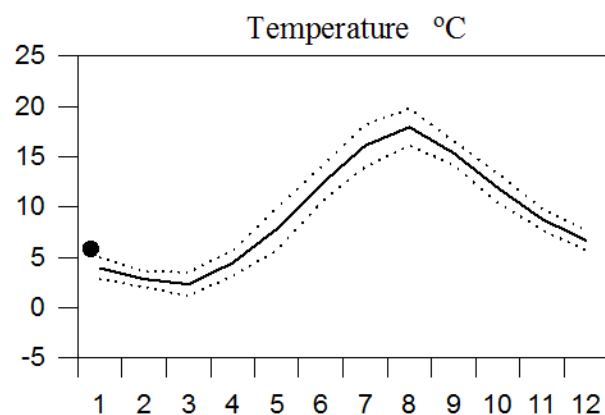
— Mean 1996-2010 St.Dev. ● 2015



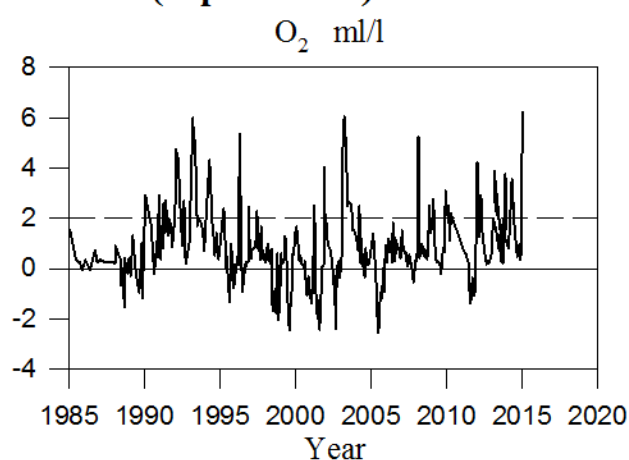
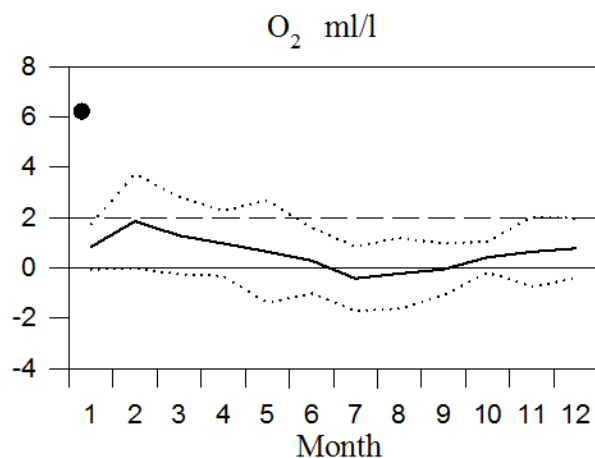
STATION HANÖBUKTEN SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

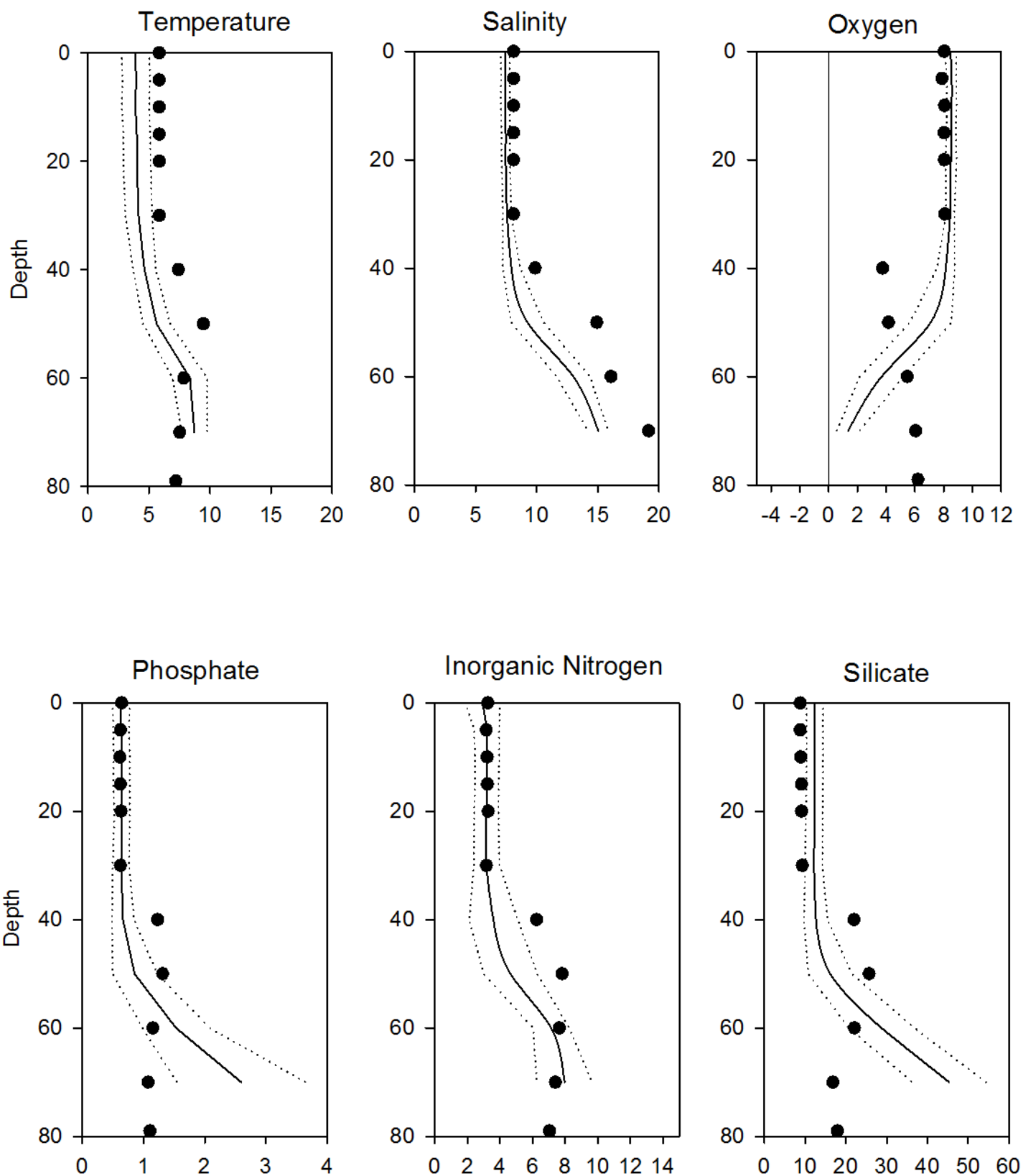


OXYGEN IN BOTTOM WATER (depth > 70m)



Vertical profiles Hanöbukten January

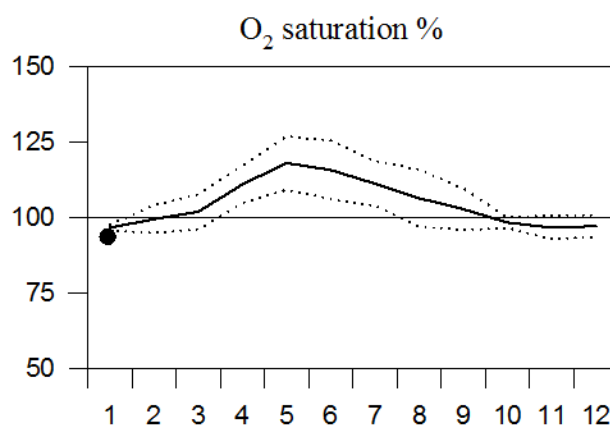
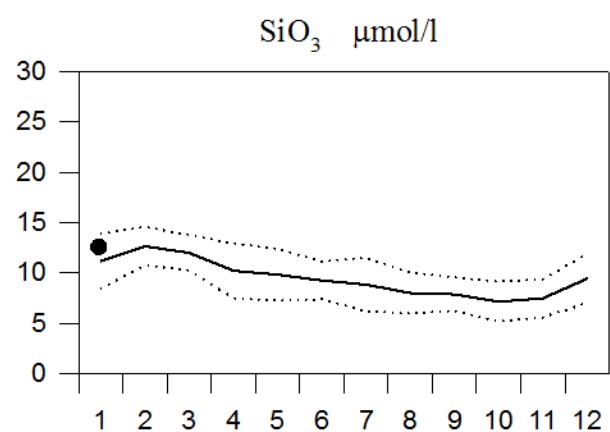
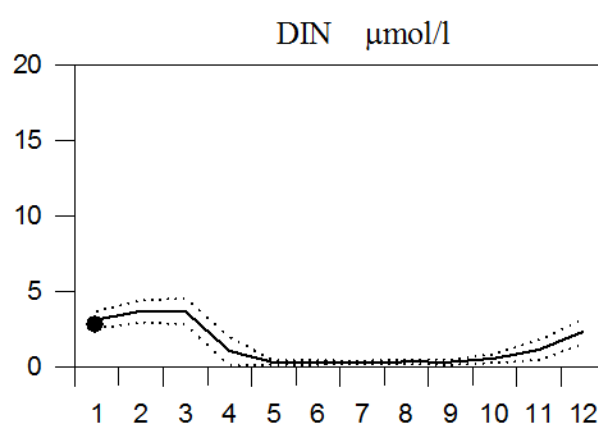
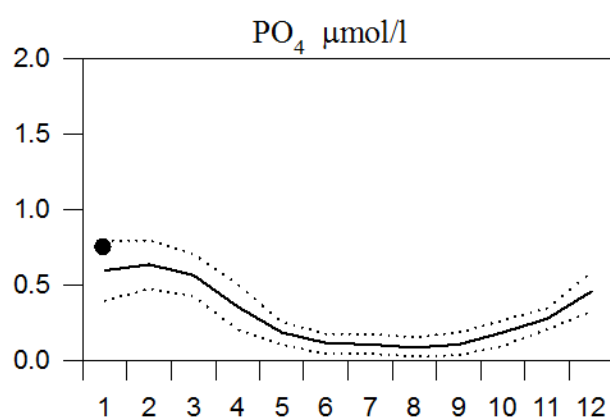
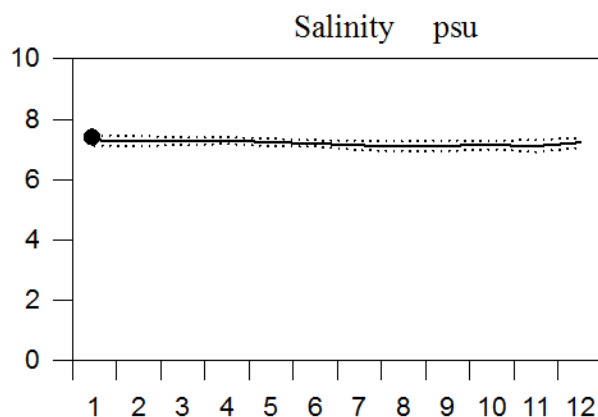
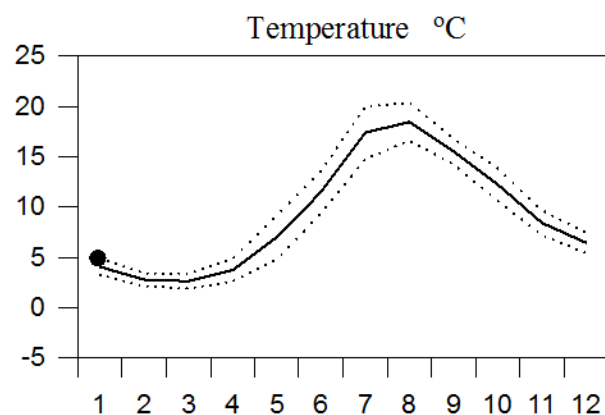
— Mean 1996-2010 St.Dev. ● 2015



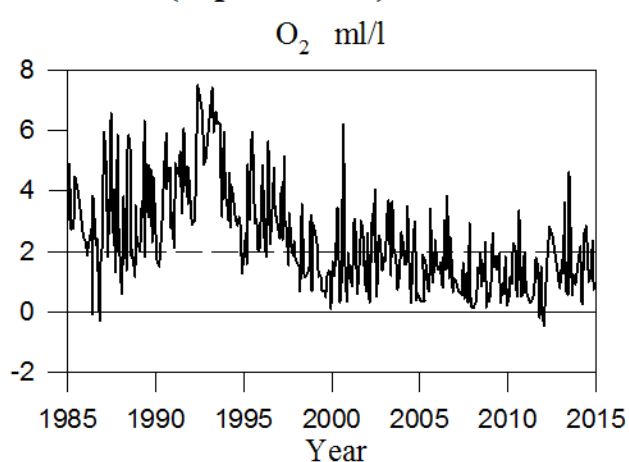
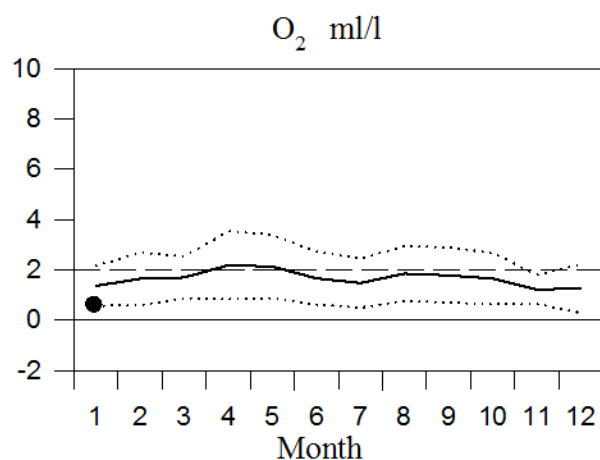
STATION BCS III-10 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

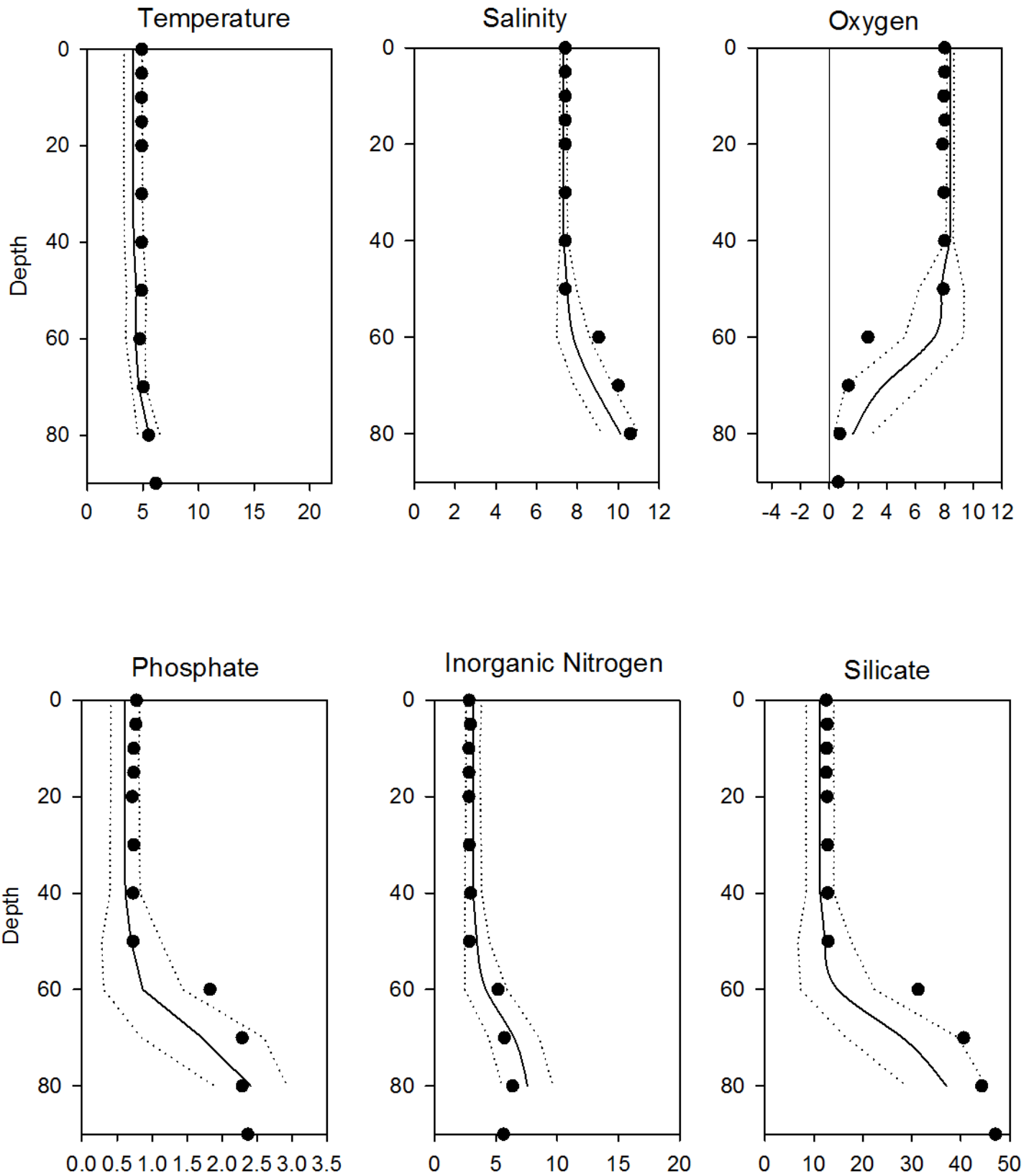


OXYGEN IN BOTTOM WATER (depth > 80m)



Vertical profiles BCS III-10 January

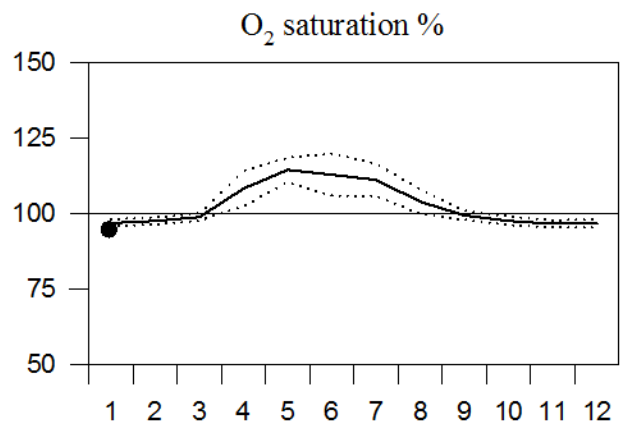
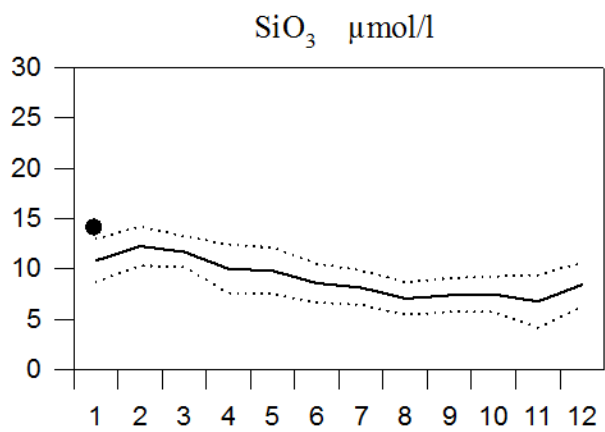
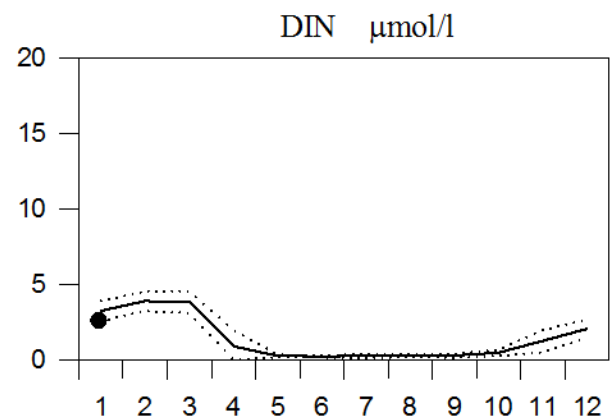
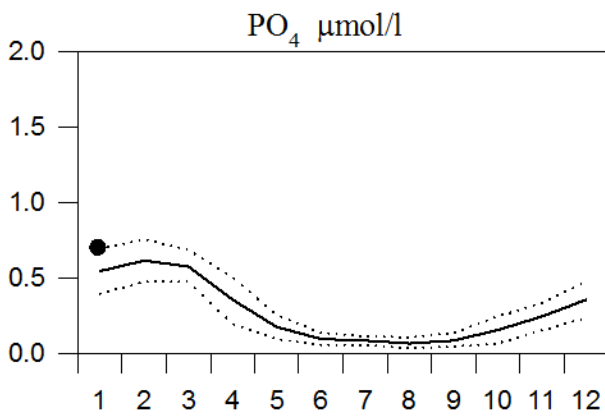
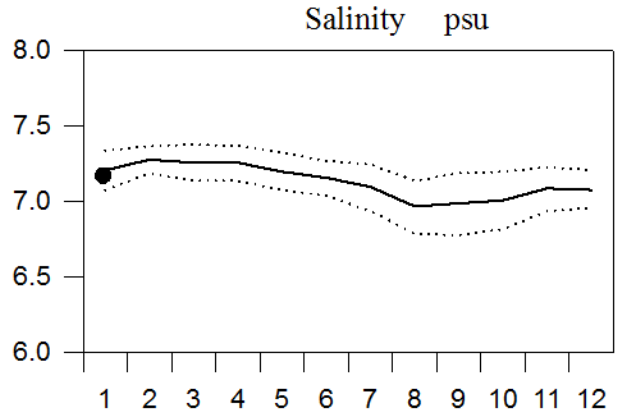
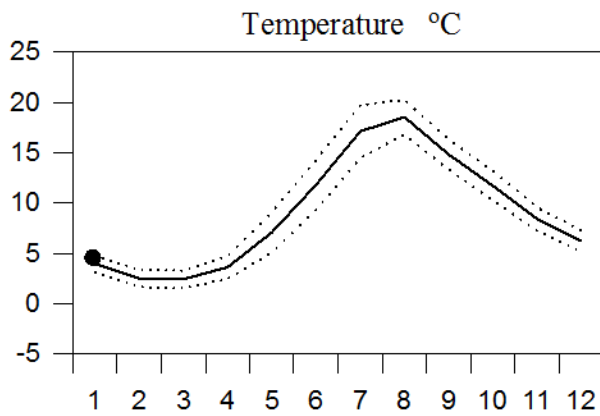
— Mean 1996-2010 St.Dev. ● 2015



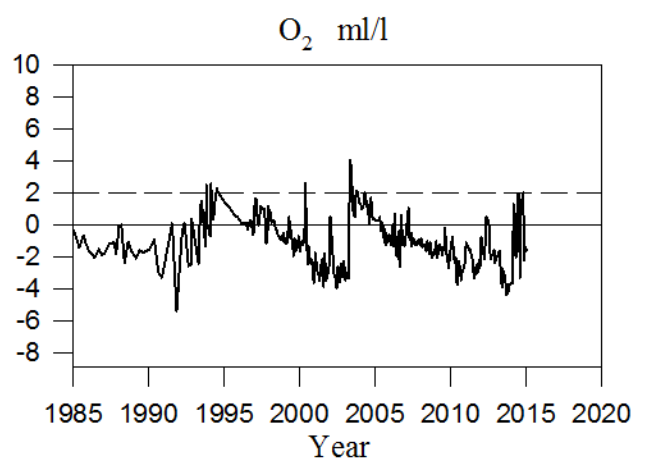
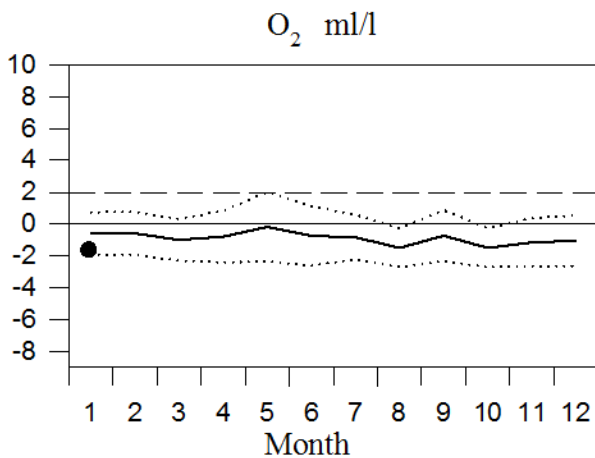
STATION BY10 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

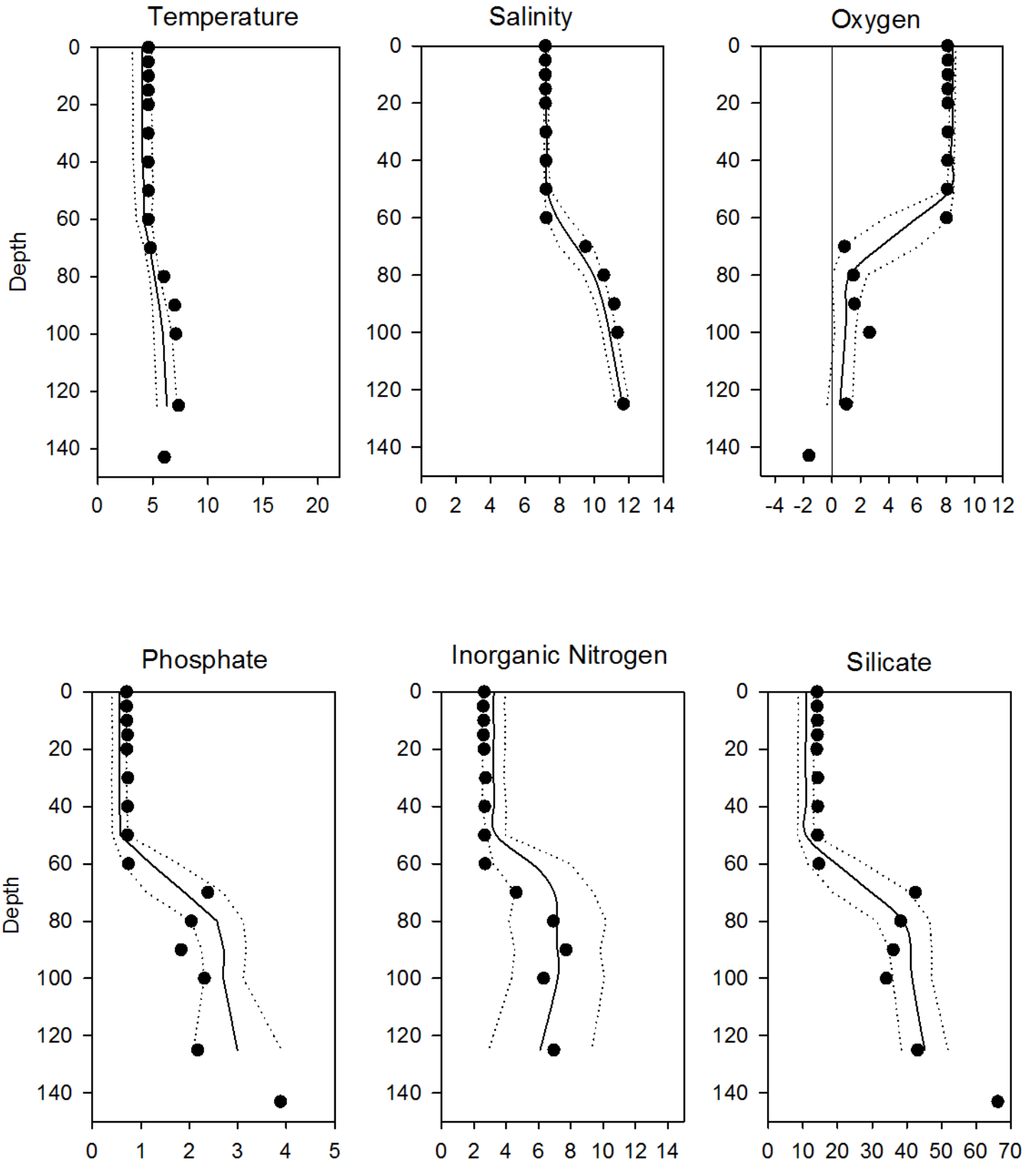


OXYGEN IN BOTTOM WATER (depth >125m)



Vertical profiles BY10 January

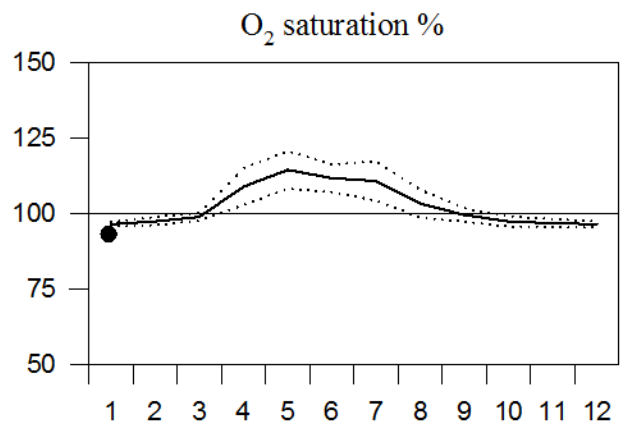
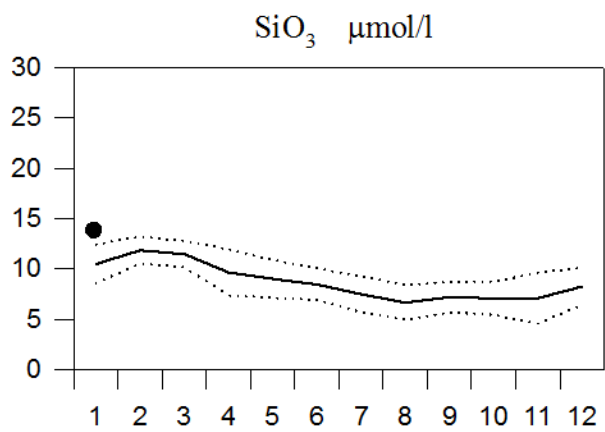
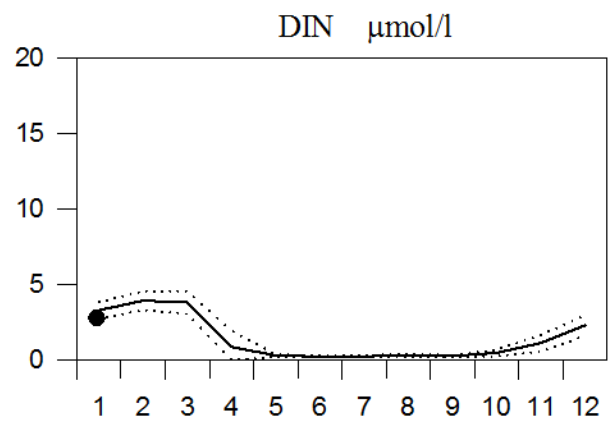
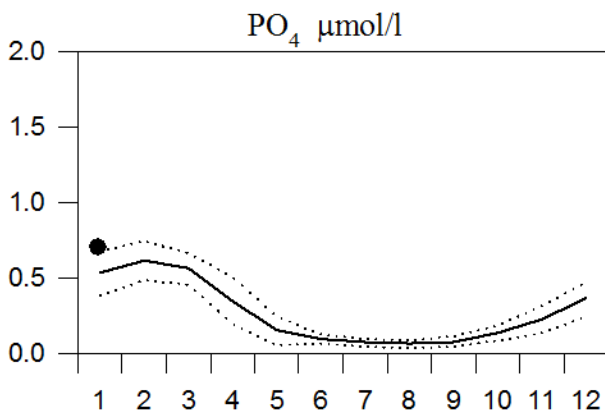
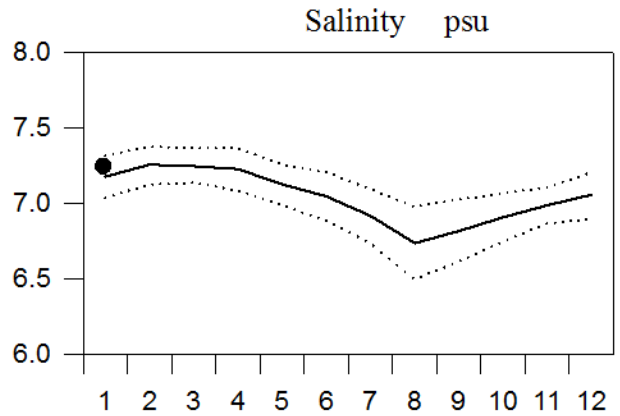
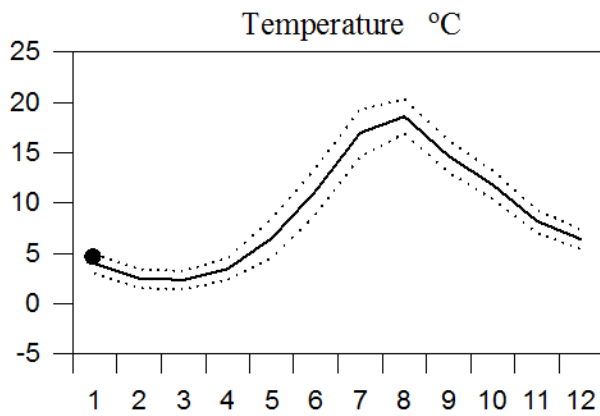
— Mean 1996-2010 St.Dev. ● 2015



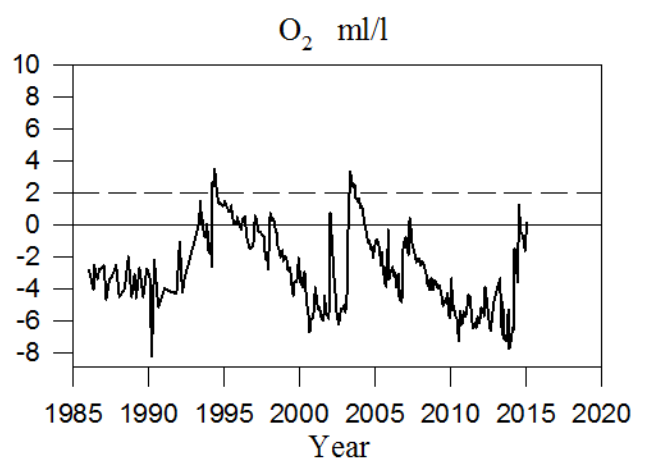
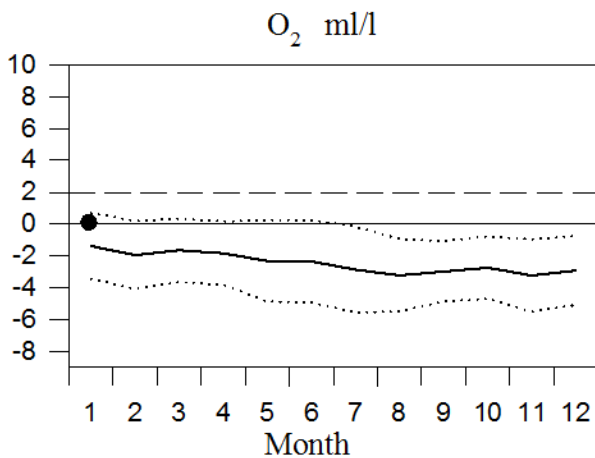
STATION BY15 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

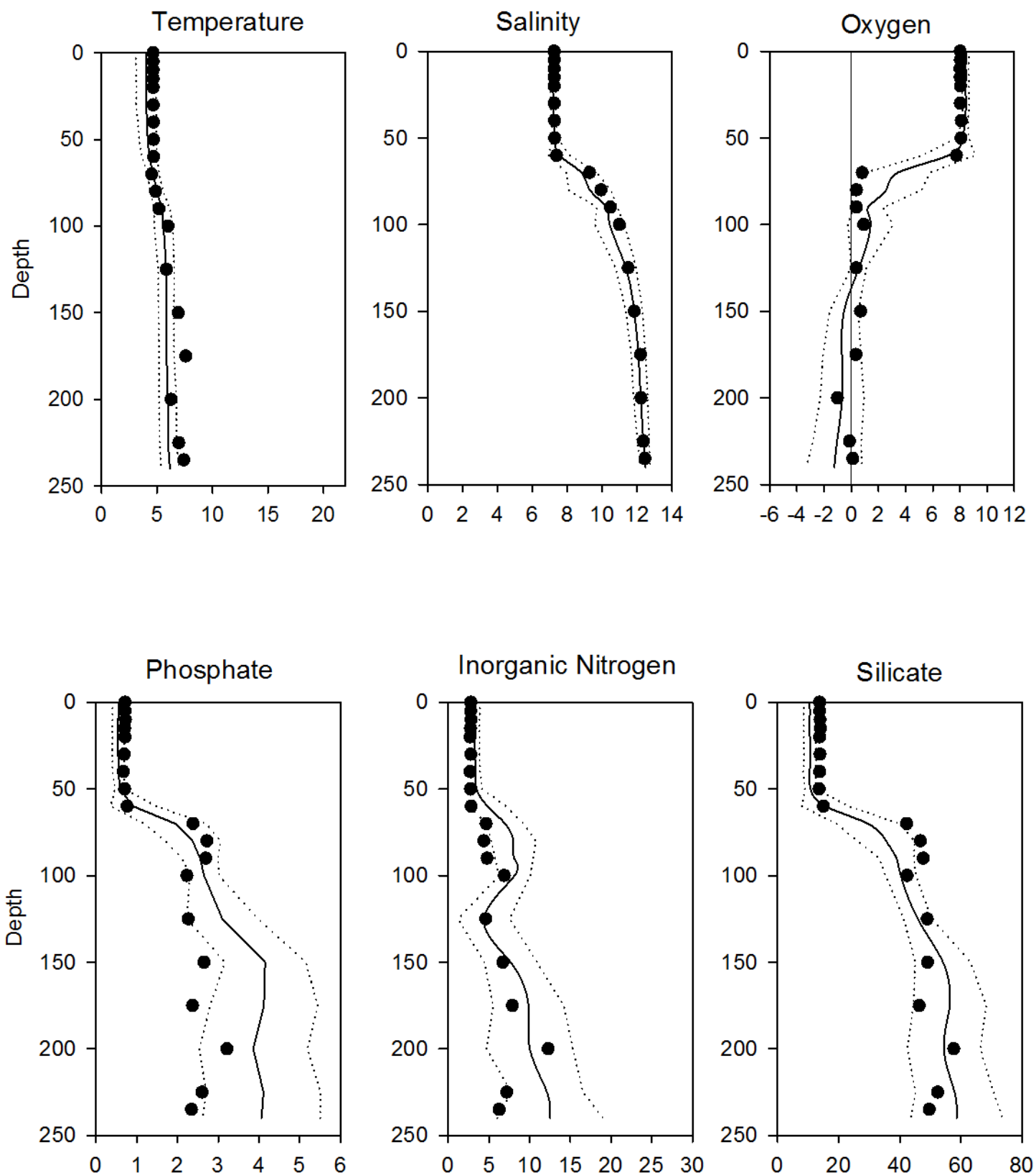


OXYGEN IN BOTTOM WATER (depth >225m)



Vertical profiles BY15 January

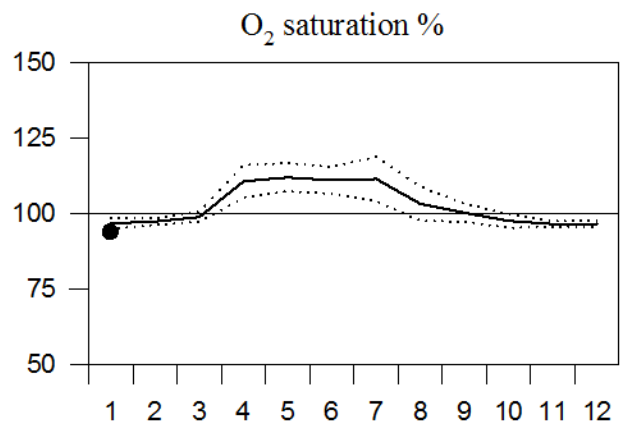
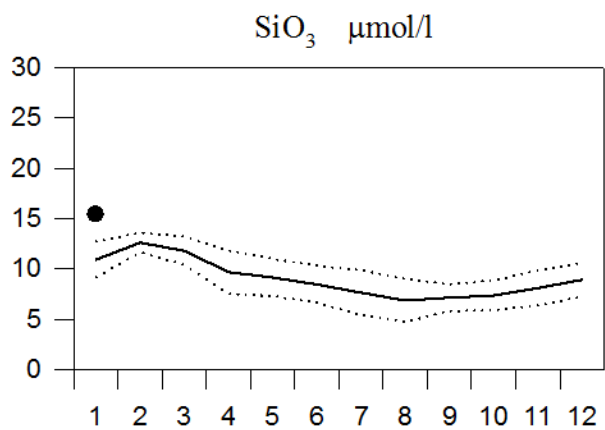
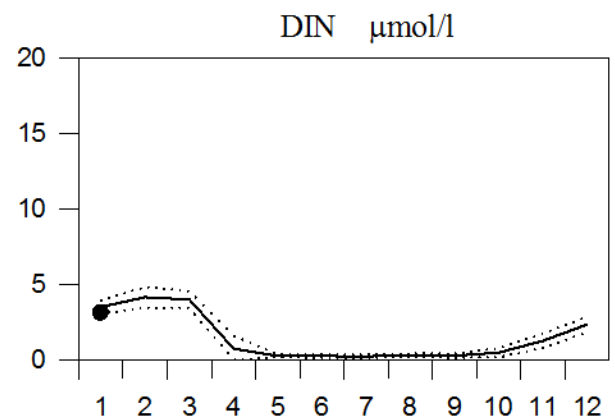
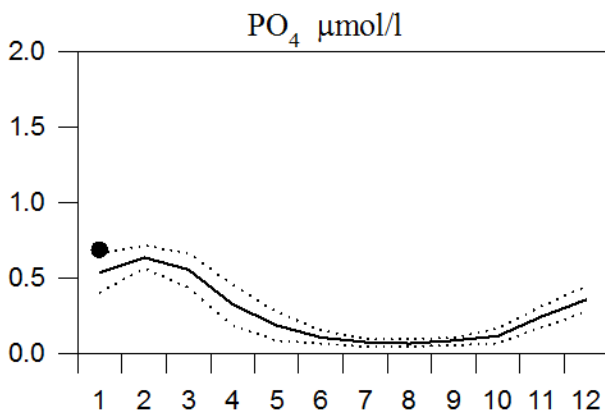
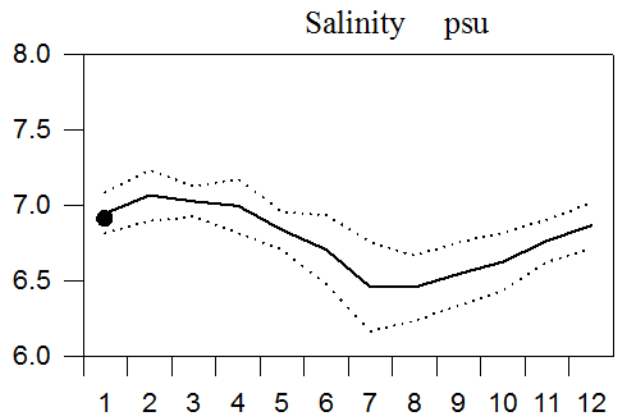
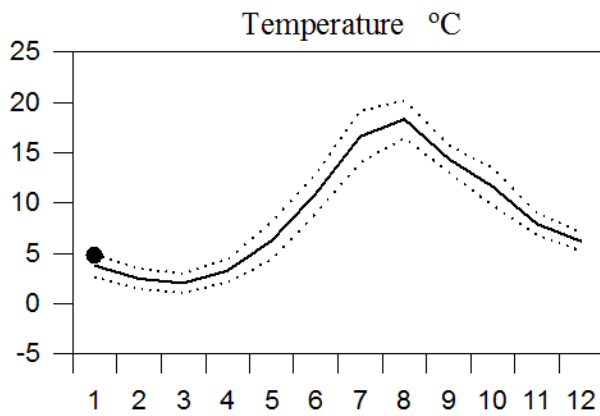
— Mean 1996-2010 St.Dev. ● 2015



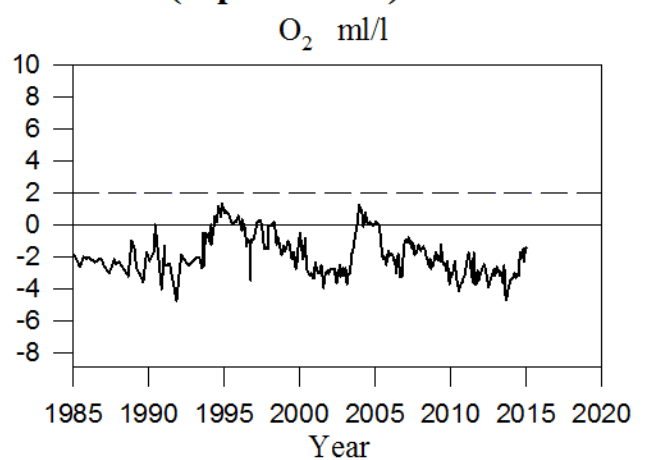
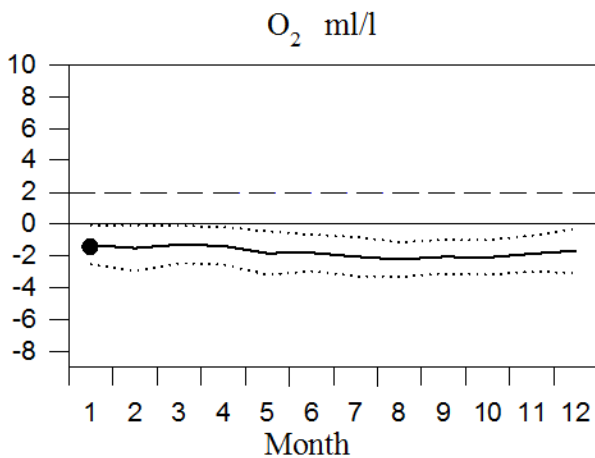
STATION BY20 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

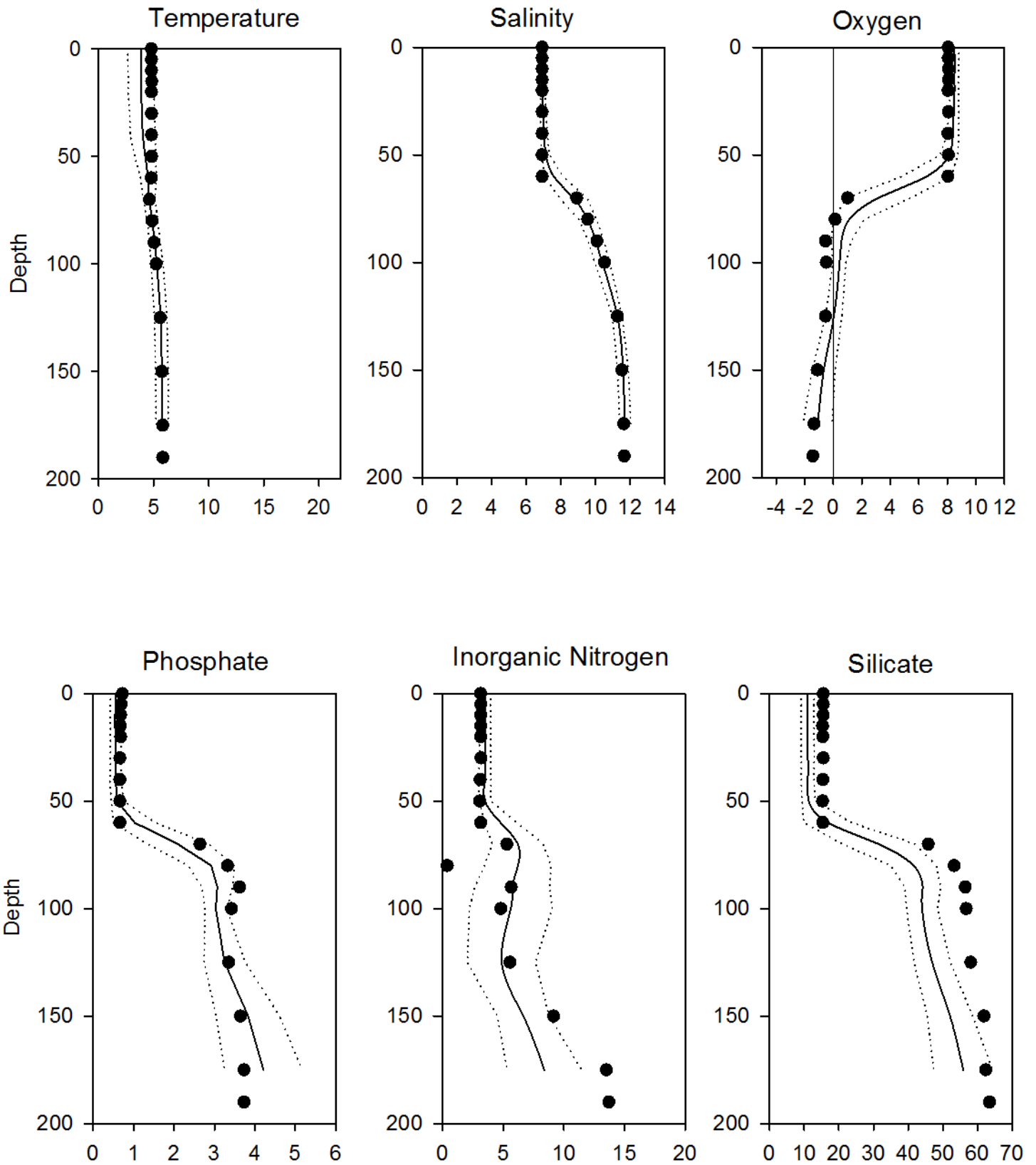


OXYGEN IN BOTTOM WATER (depth >175m)



Vertical profiles BY20 January

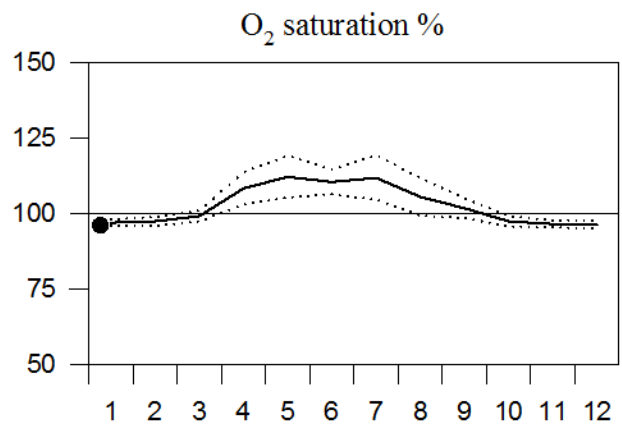
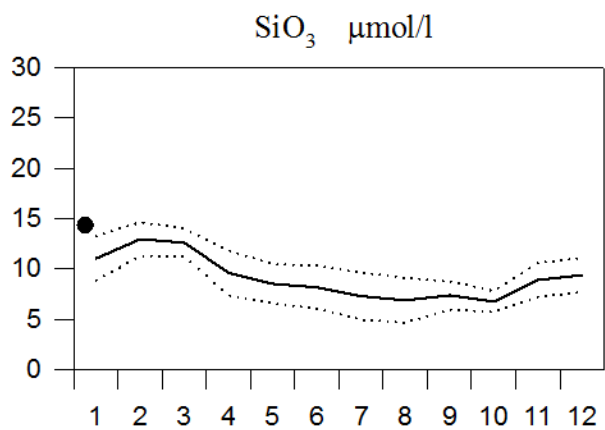
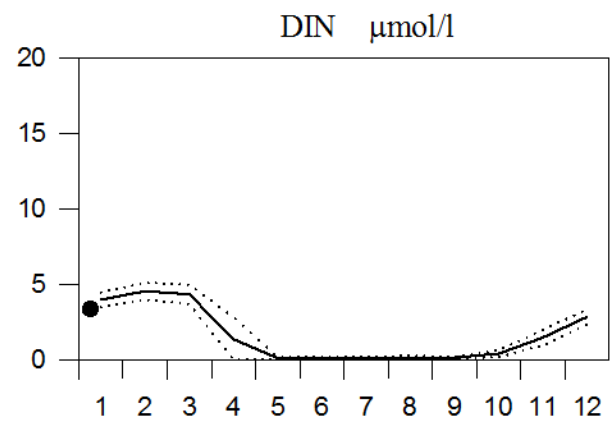
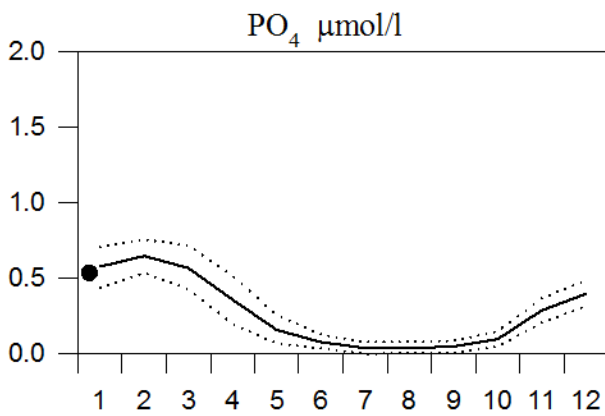
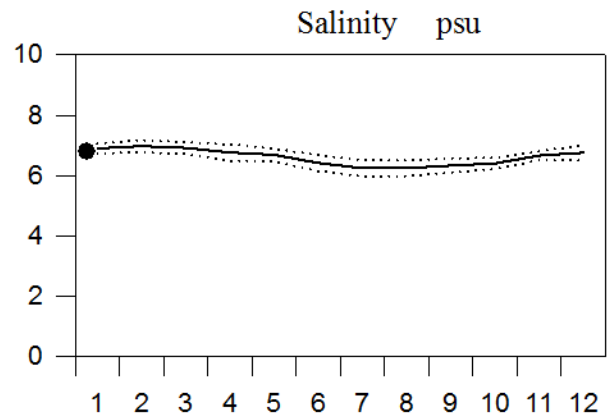
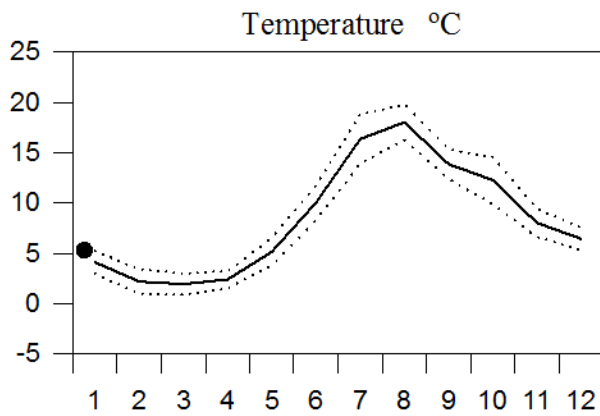
— Mean 1996-2010 St.Dev. ● 2015



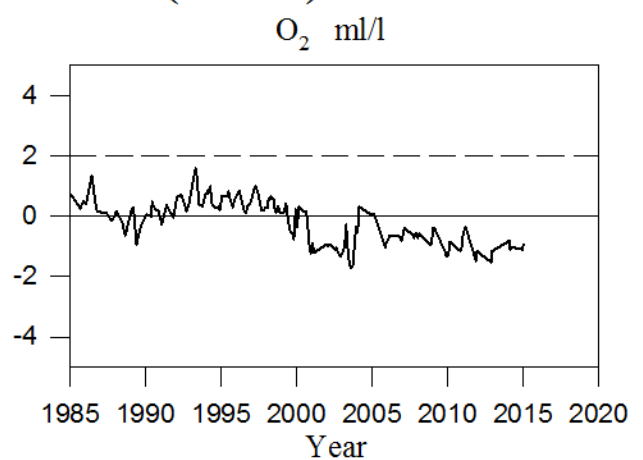
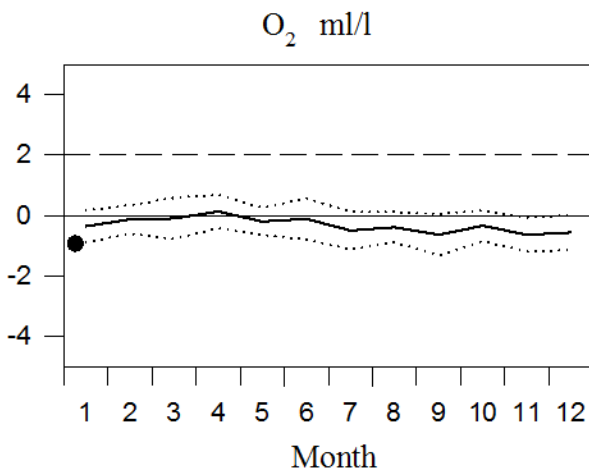
STATION BY29 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

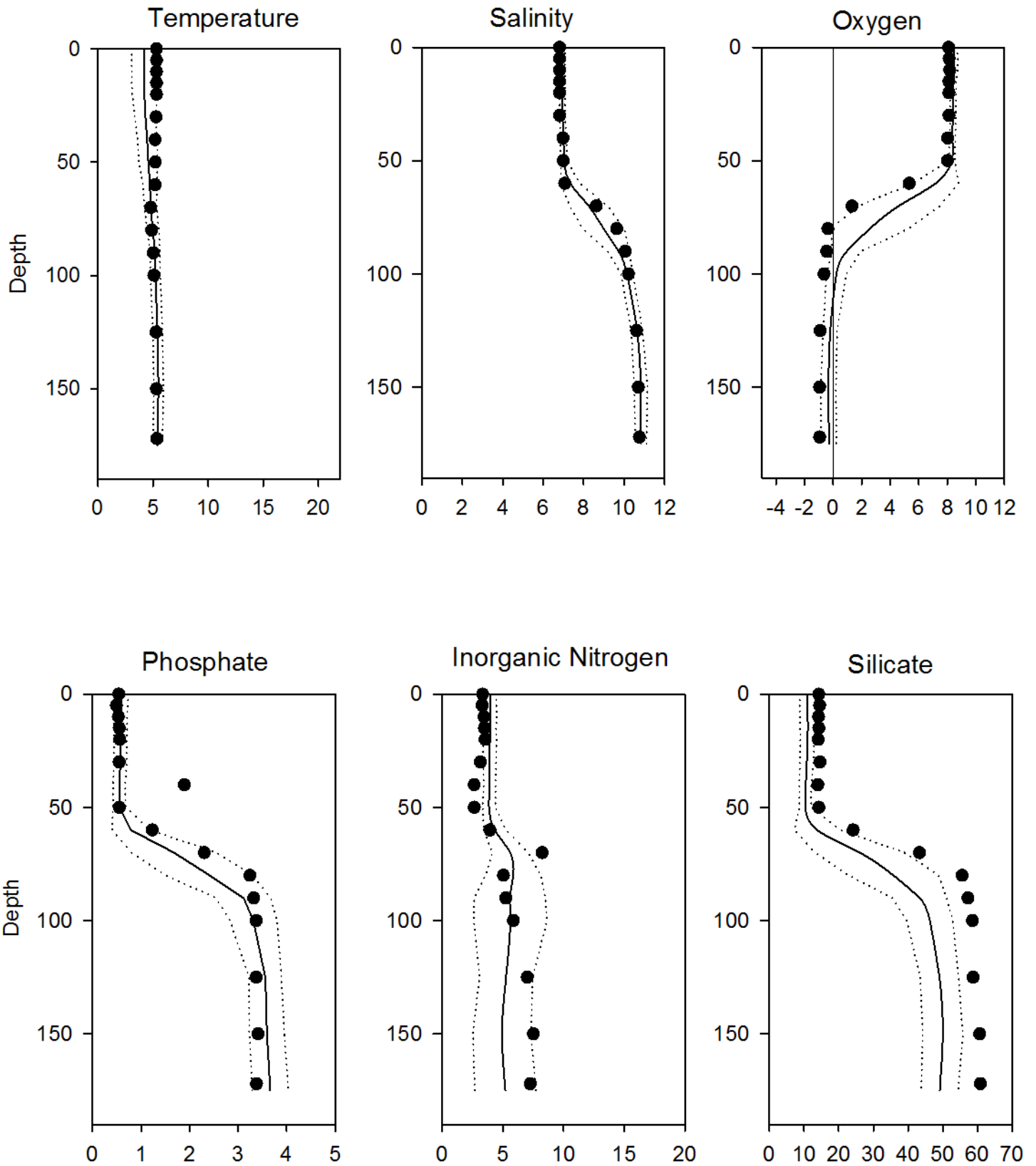


OXYGEN IN BOTTOM WATER (>=150m)



Vertical profiles BY29 January

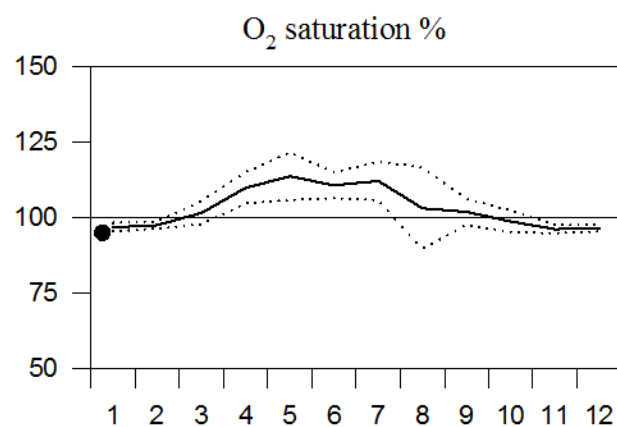
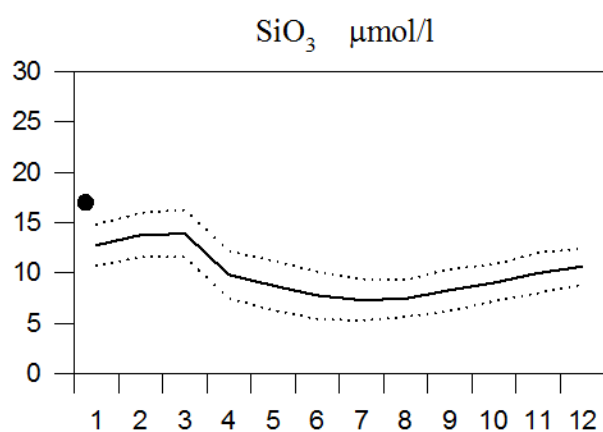
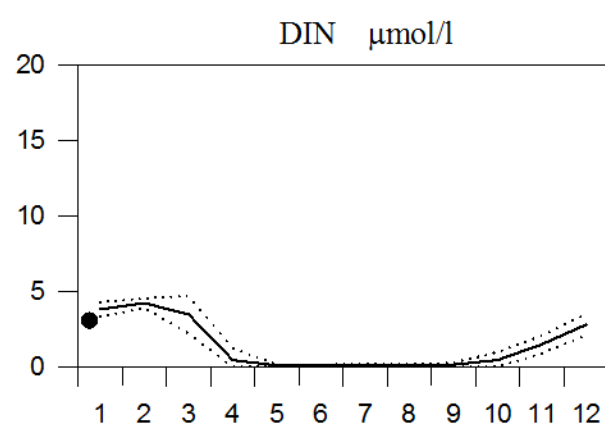
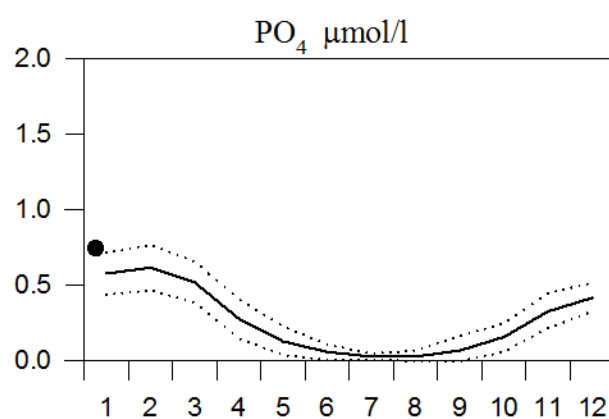
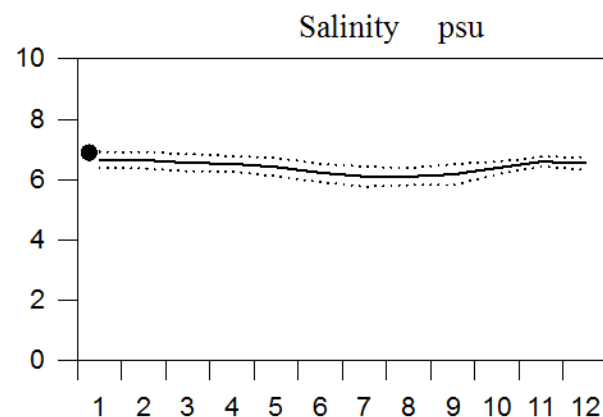
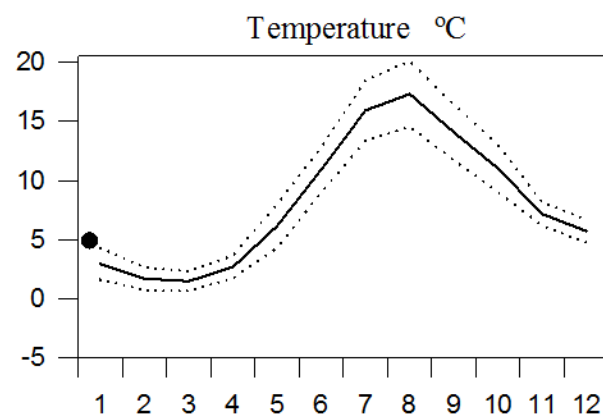
— Mean 1996-2010 St.Dev. ● 2015



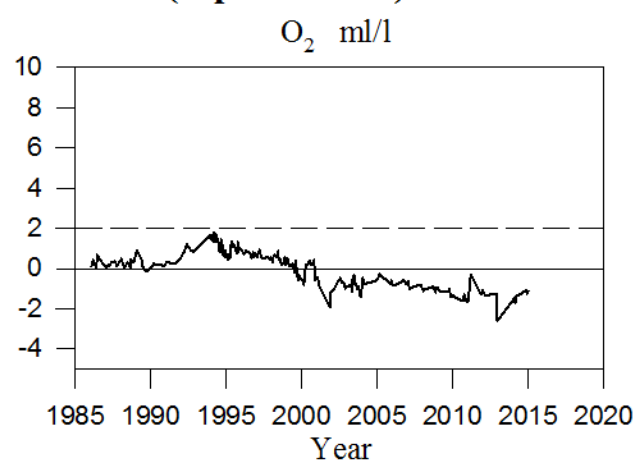
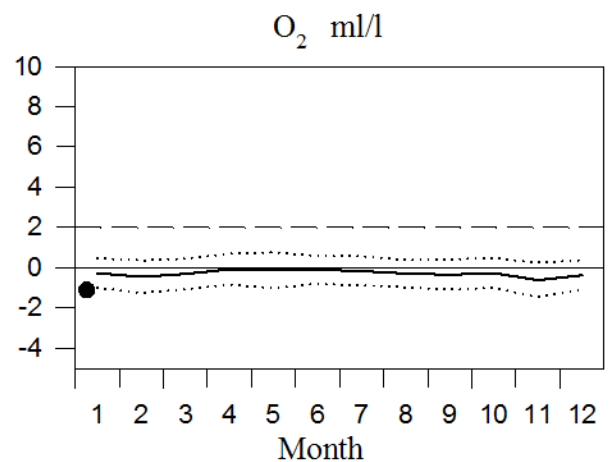
STATION BY31 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

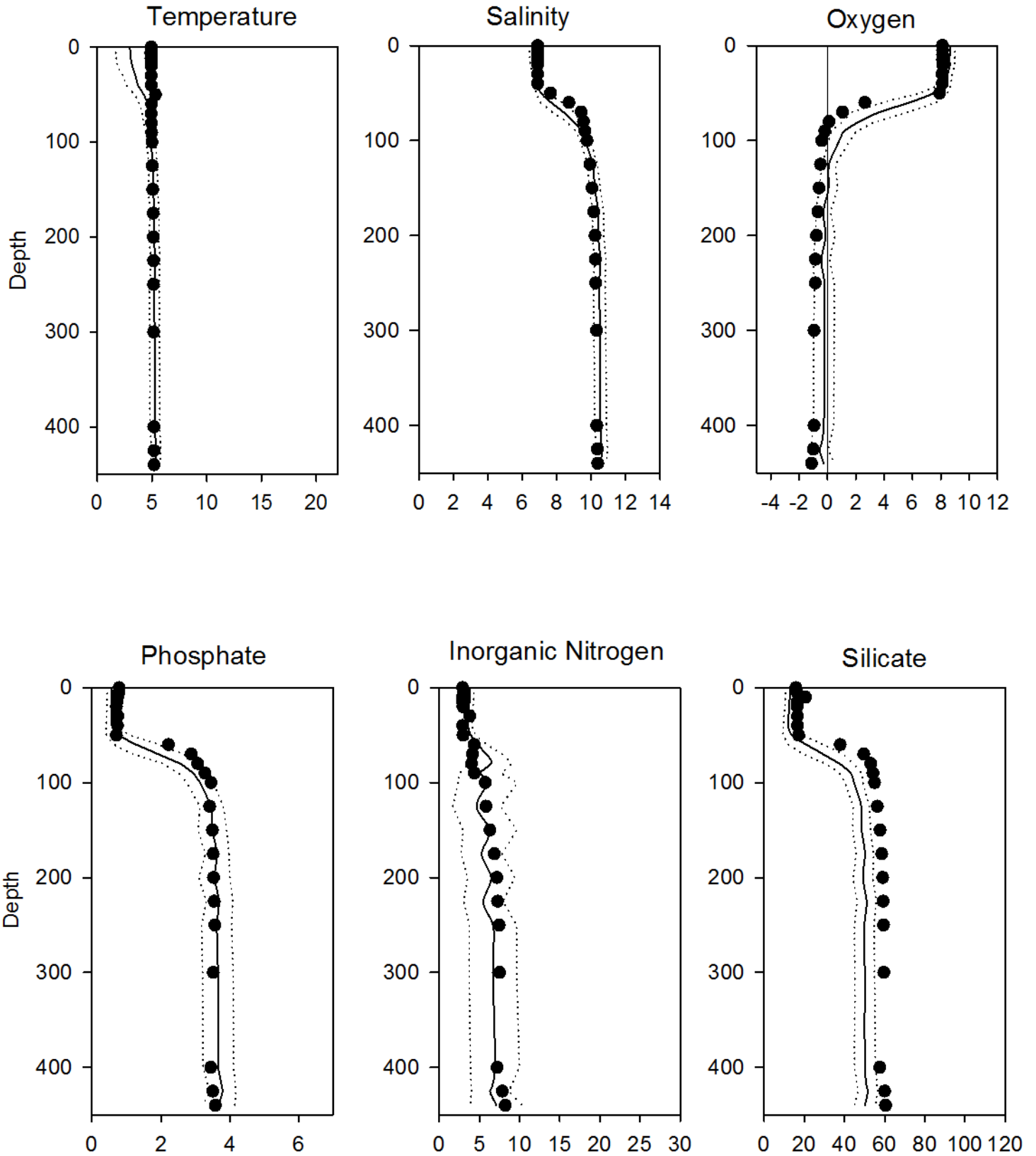


OXYGEN IN BOTTOM WATER (depth = 440m)



Vertical profiles BY31 January

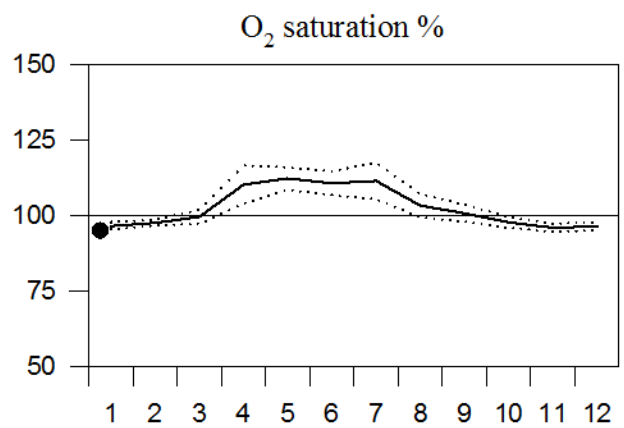
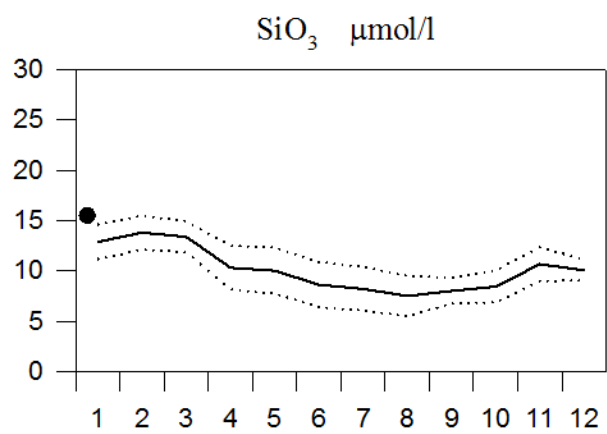
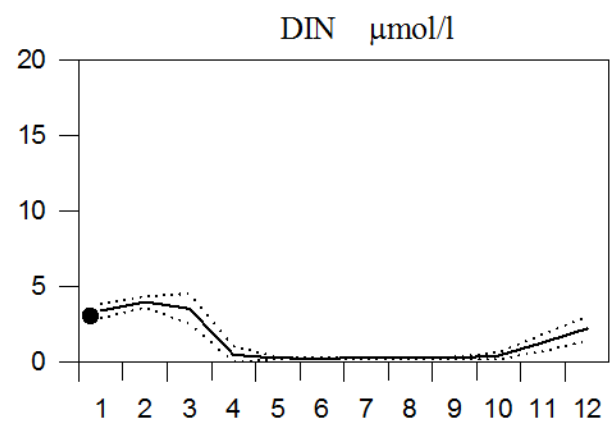
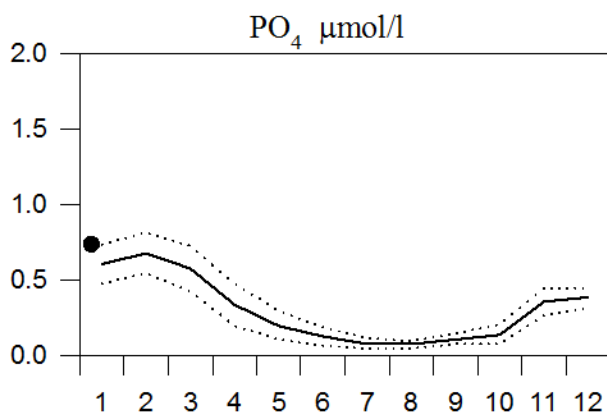
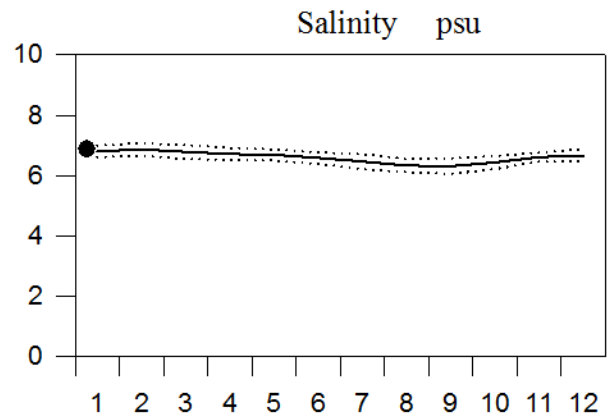
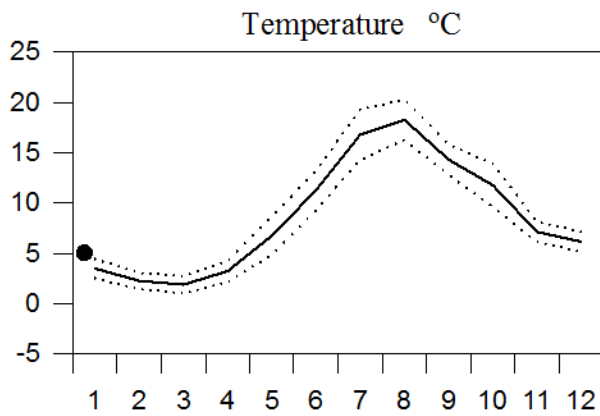
— Mean 1996-2010 St.Dev. ● 2015



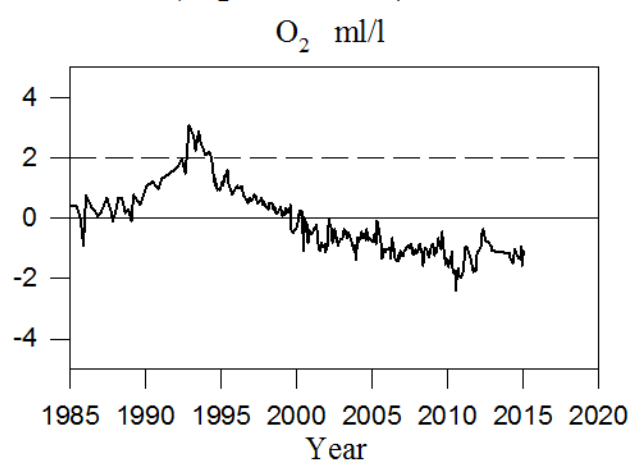
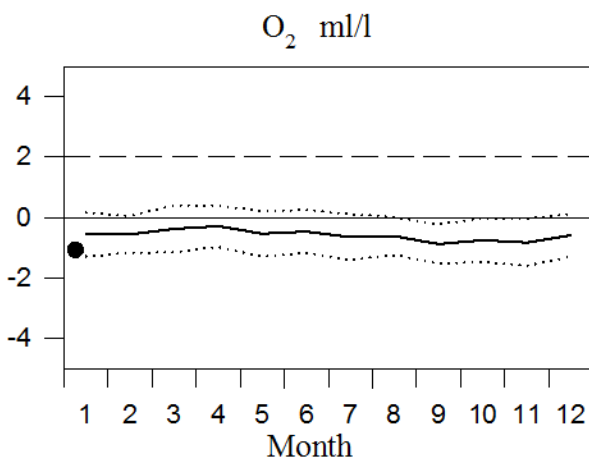
STATION BY32 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

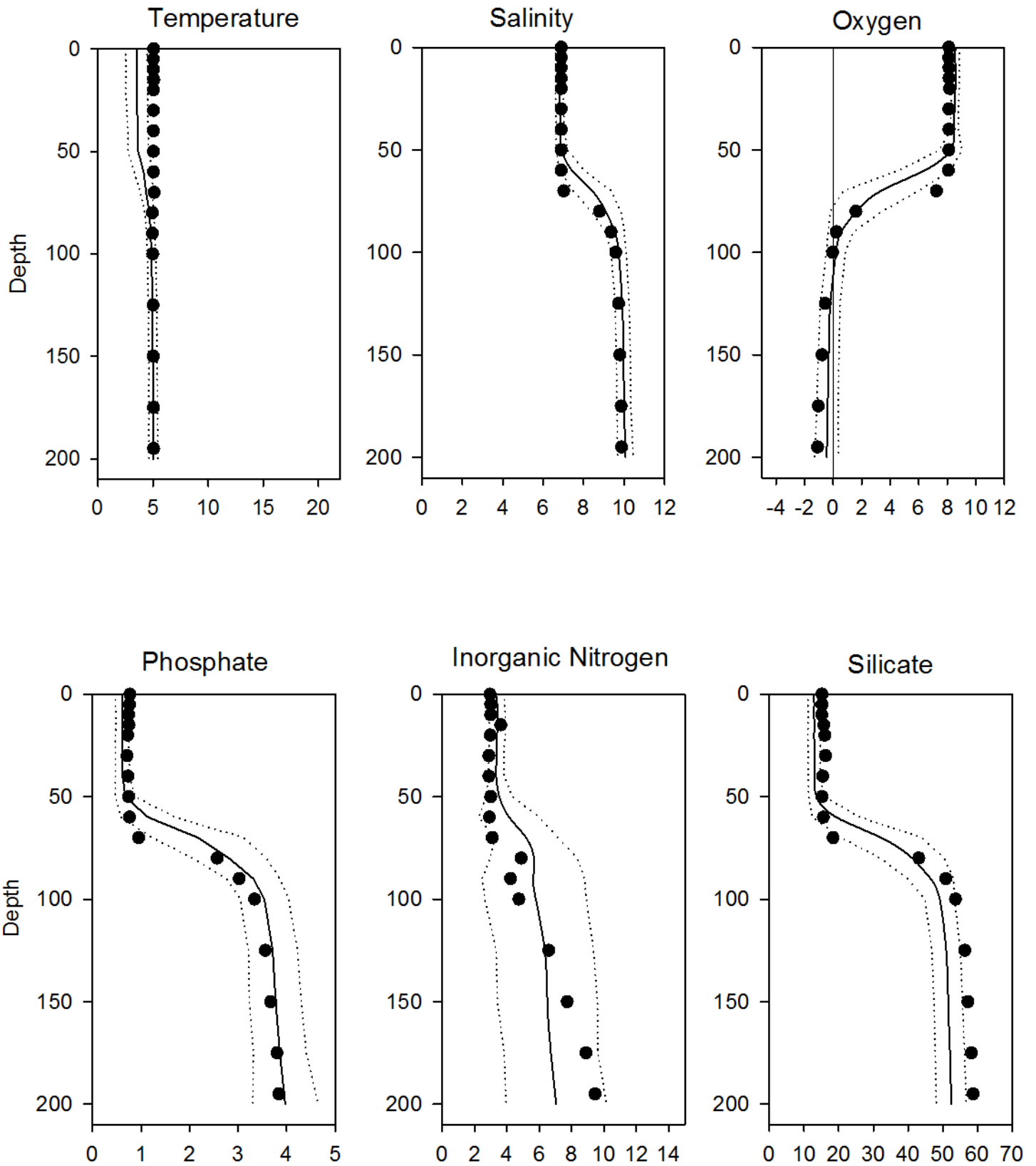


OXYGEN IN BOTTOM WATER (depth > 175m)



Vertical profiles BY32 January

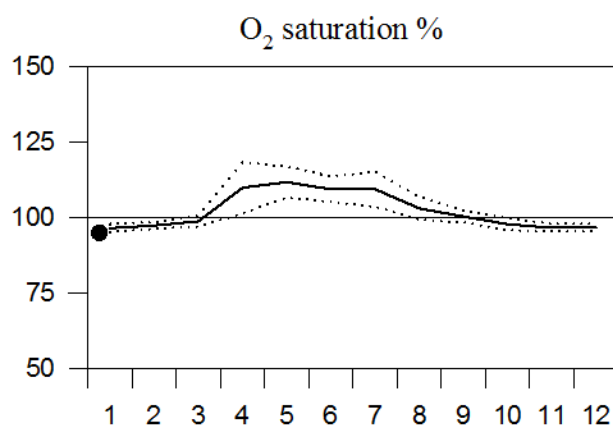
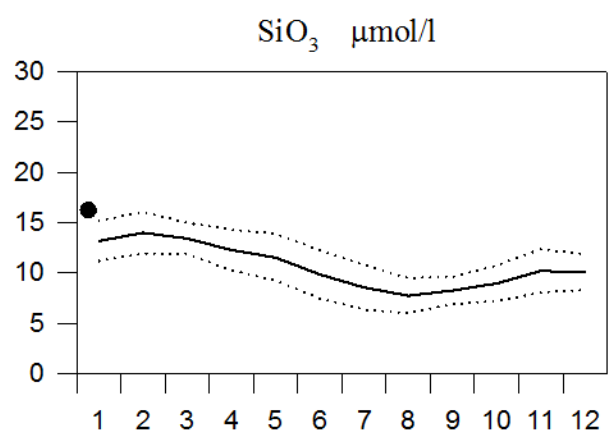
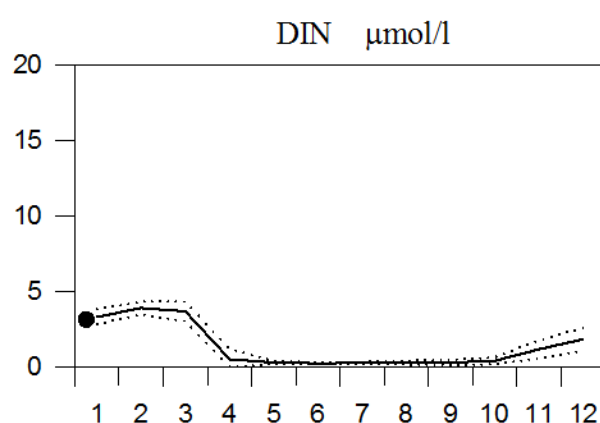
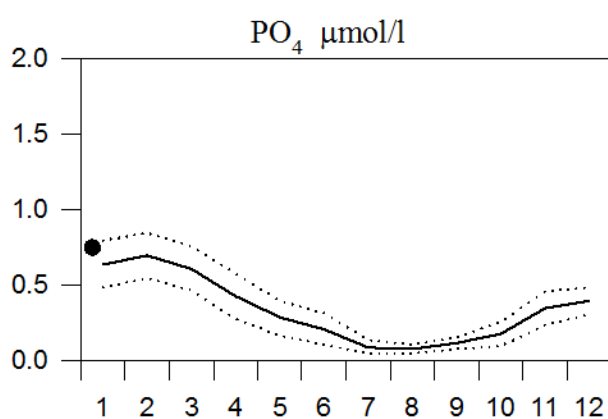
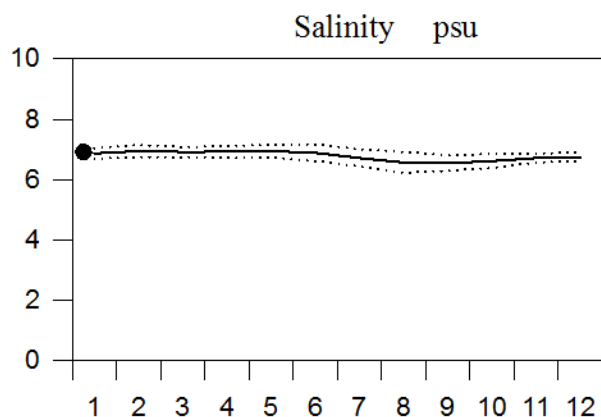
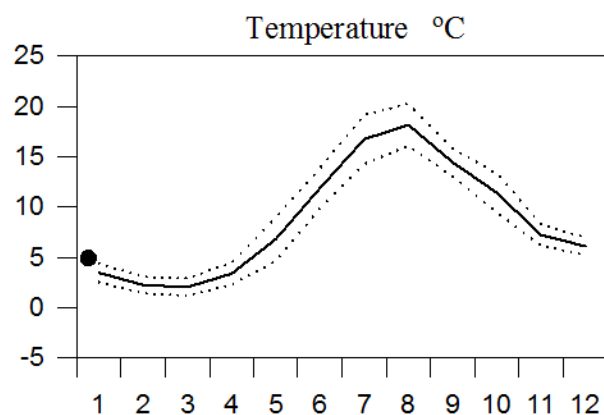
— Mean 1996-2010 St.Dev. ● 2015



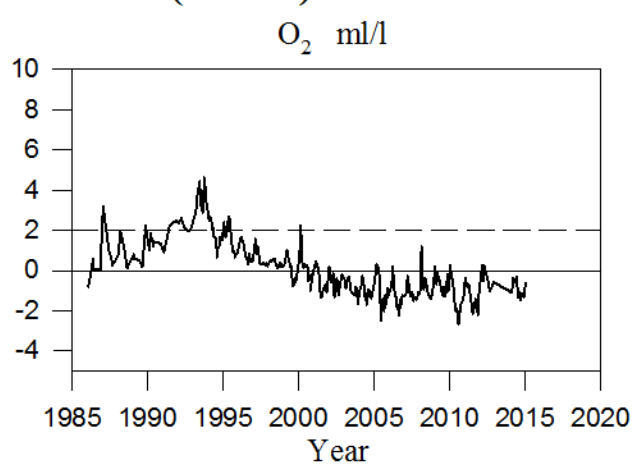
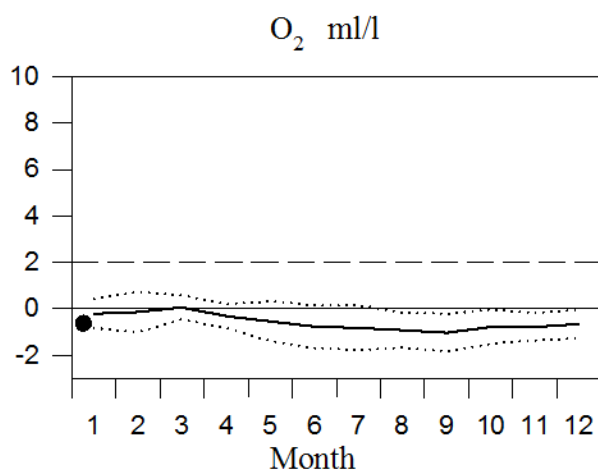
STATION BY38 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

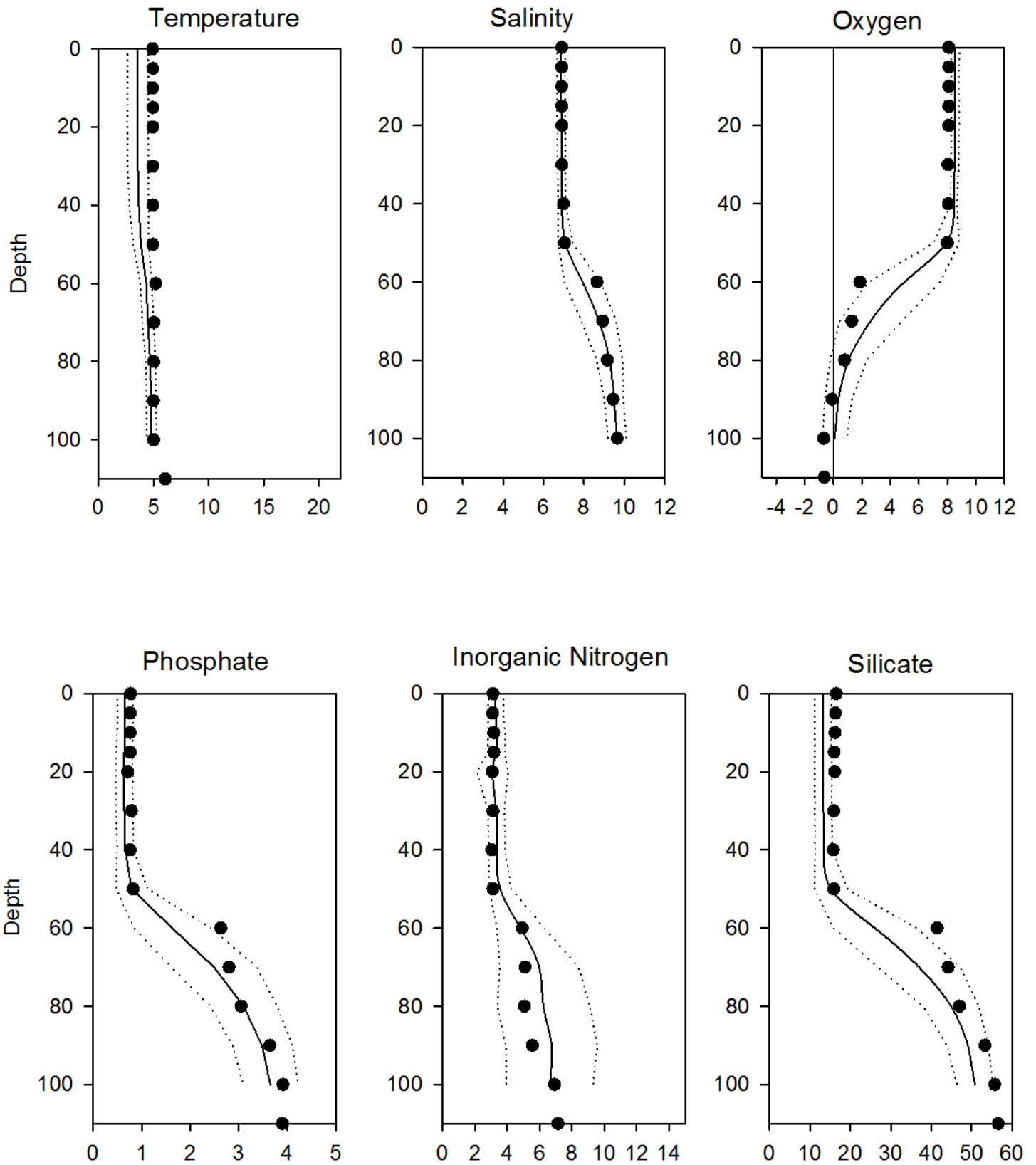


OXYGEN IN BOTTOM WATER (> 100m)



Vertical profiles BY38 January

— Mean 1996-2010 St.Dev. ● 2015



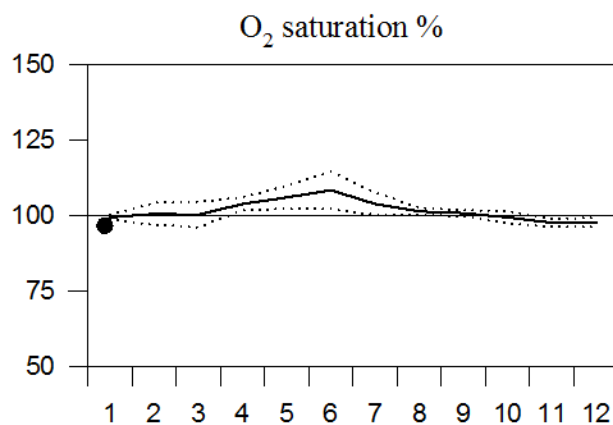
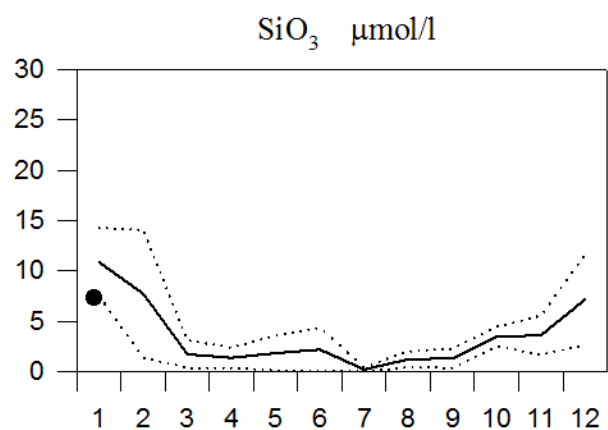
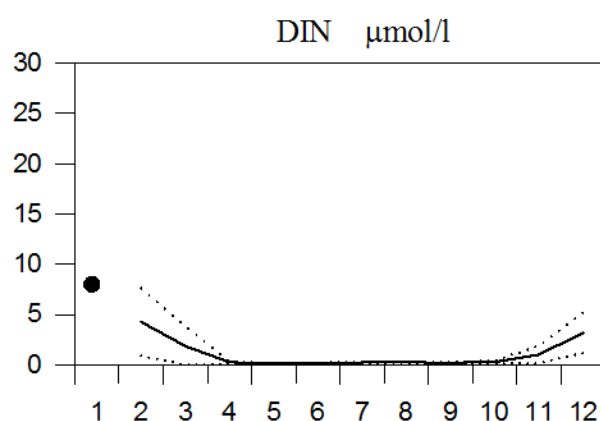
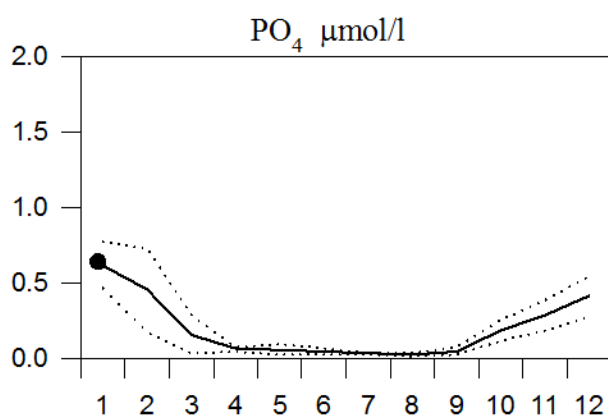
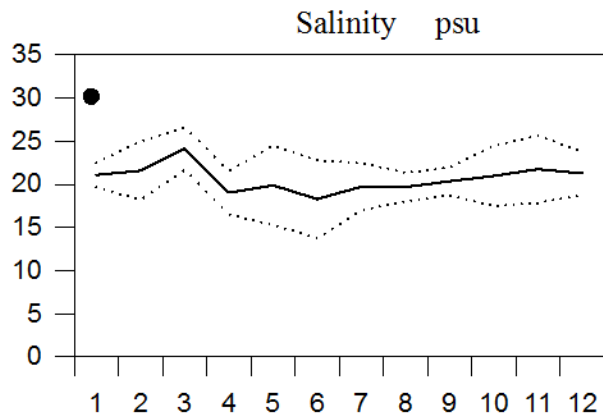
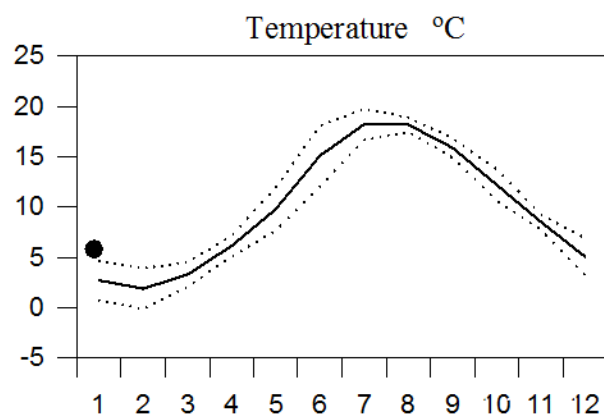
STATION N14 Falkenberg SURFACE WATER

Annual Cycles

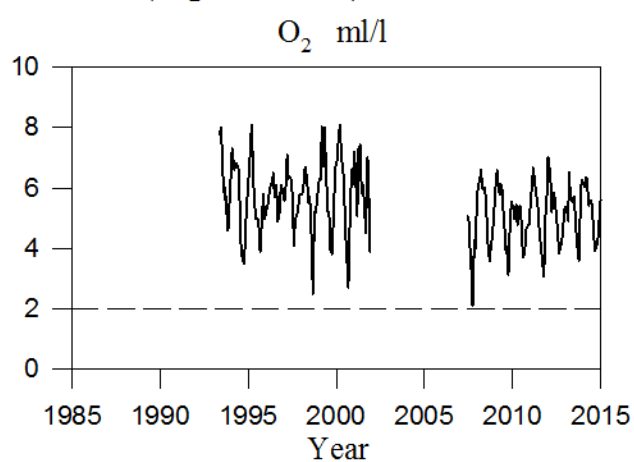
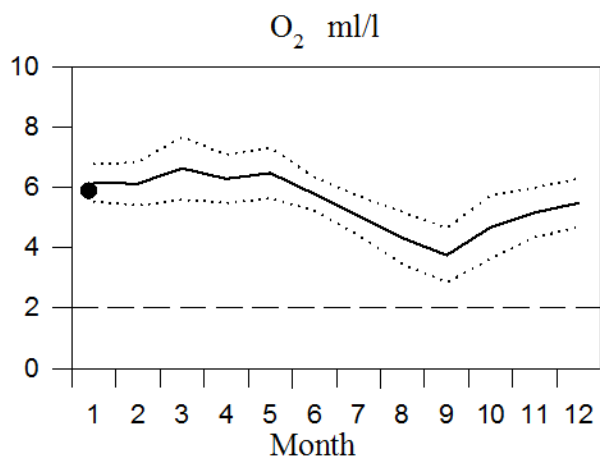
— Mean 2007-2010

..... St.Dev.

● 2015



OXYGEN IN BOTTOM WATER (depth > 25m)



Vertical profiles N14 Falkenberg January

— Mean 1996-2010

..... St.Dev.

● 2015

