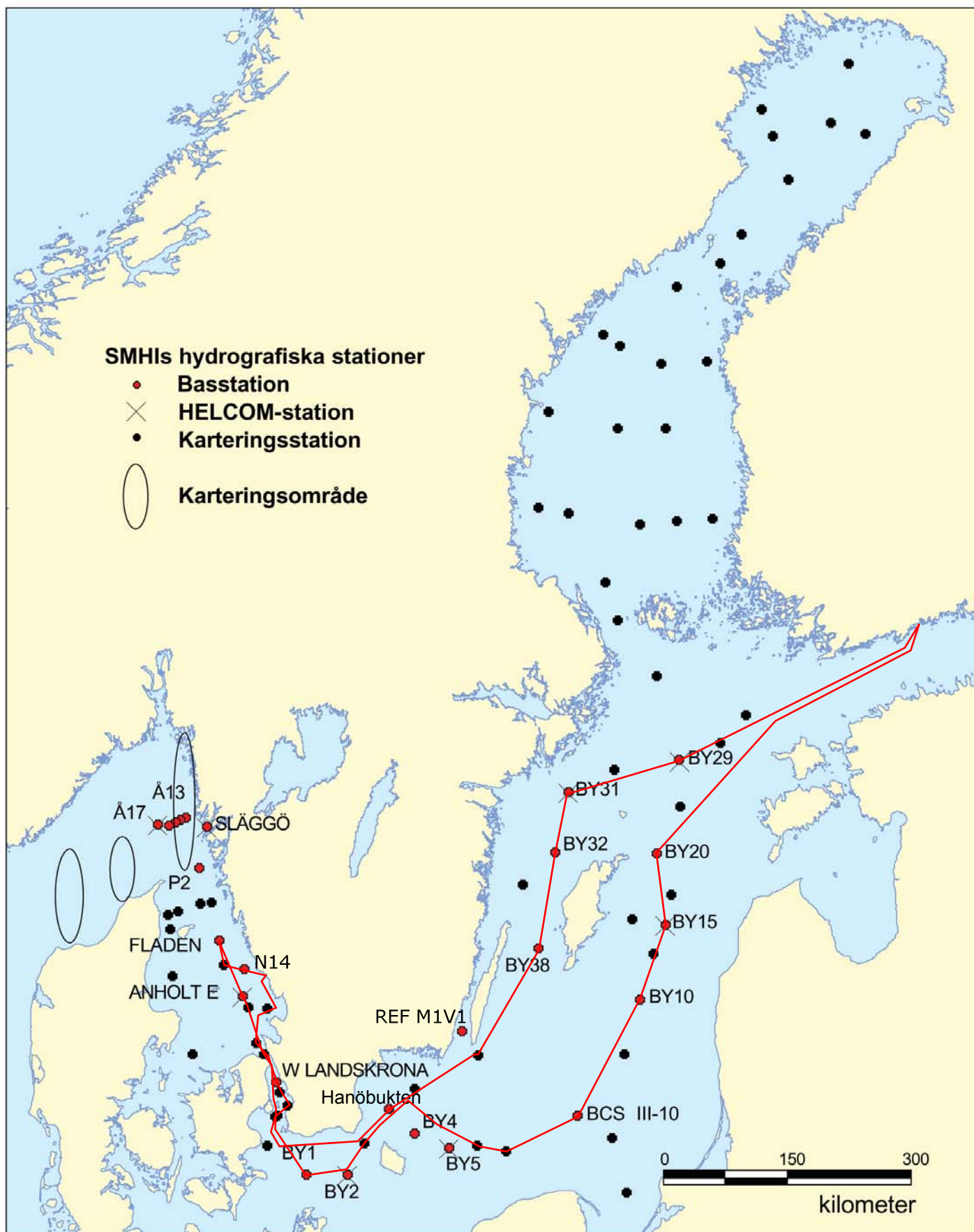


TRACKCHART
Country: Sweden
Ship: R/V ARANDA
Date: 20150107-20150115
Series: 0001-0030



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 ml aoe hd	C PPCPZT Hrhhoo Cillyooa motPBw PrP l	No de	T e a l p i n	P h x	O H 2 S 4 t y	P T 2 3 4 t y	N N 3 P P	N N 3 P P	N N 3 P P	T A 3 h o l i u m g n	S H 3 L 3 u n	L P 3 O 0 C C	P T 3 O 0 C C	T C 3 O 0 C C										
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	-	-	-	-	x				
0003	BPWX38BAS	BY32	NORRKÖPINGSDJ	N5801	E1759	20150108	1730	202		23 12	5.1	1002	9990	x - - ? - - -	17	x	?	-	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	KAEI60HAL	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																														

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 aoae	C t d	PPCPZZT 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 o	T o	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	-	-	-	-	-	-

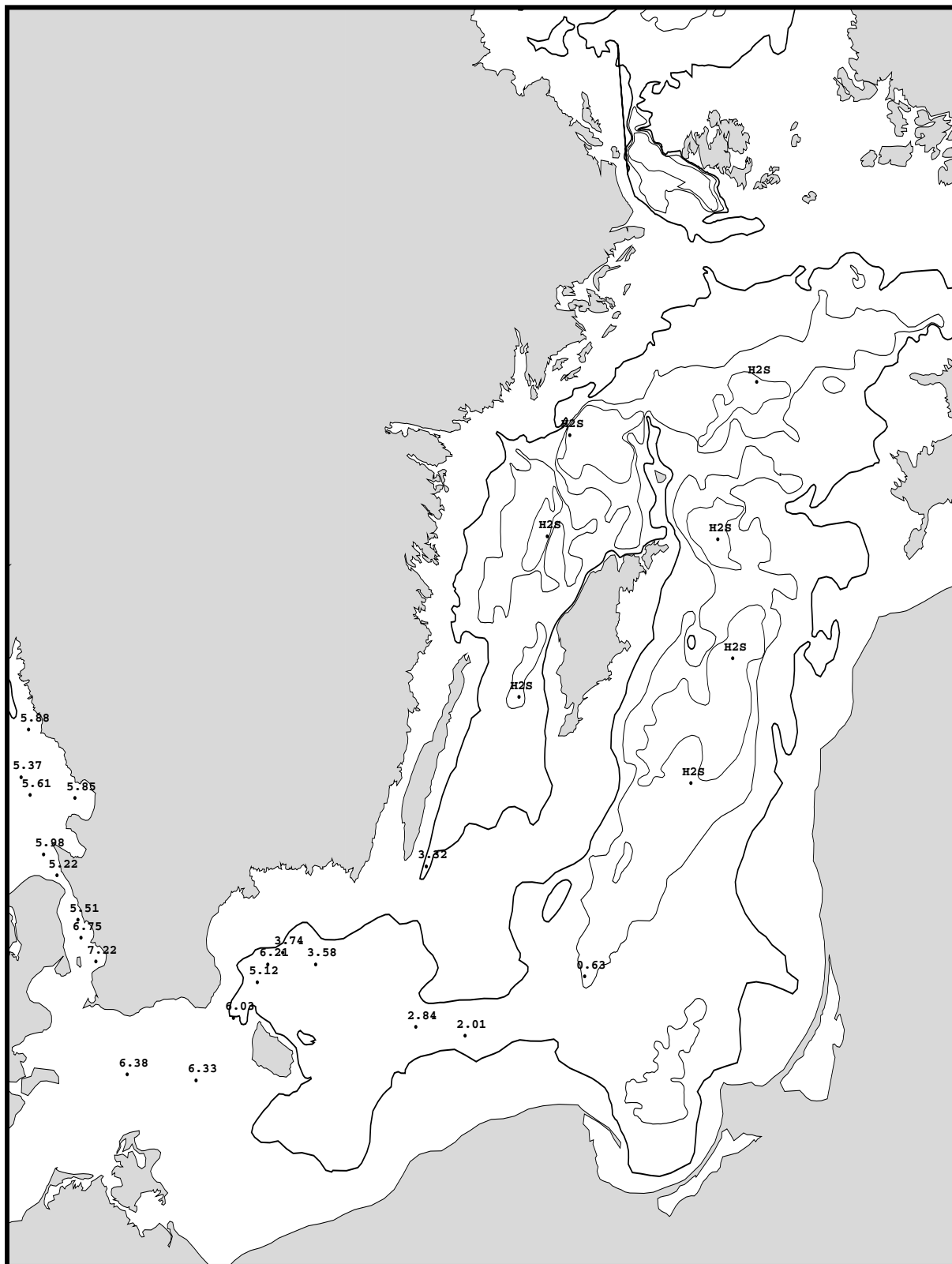
Bottom water oxygen concentration (ml/l)

Country: Finland

Ship : Aranda

Date : 20150108-20150115

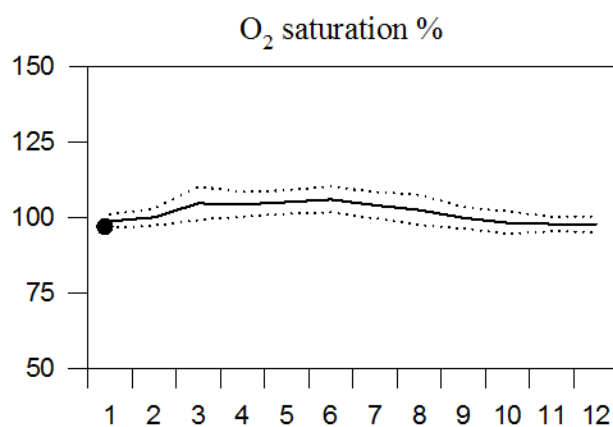
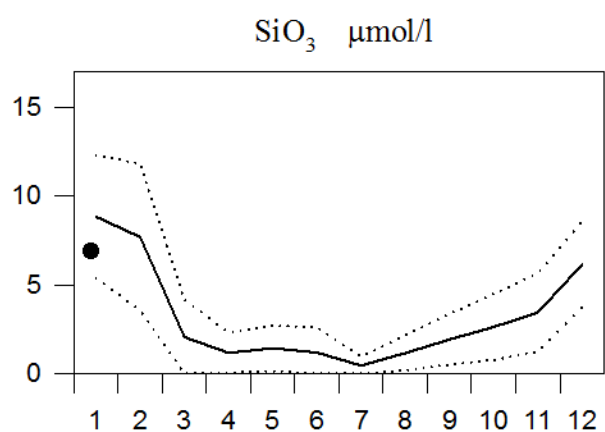
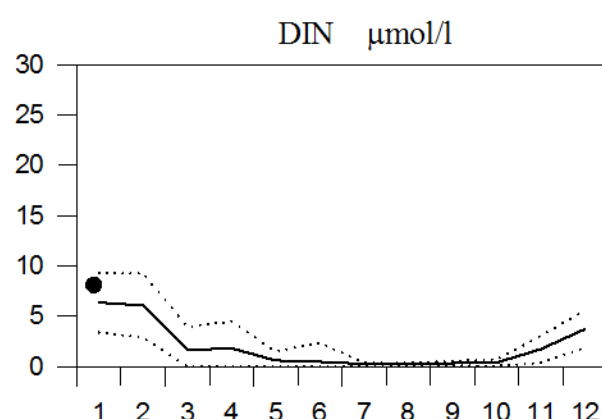
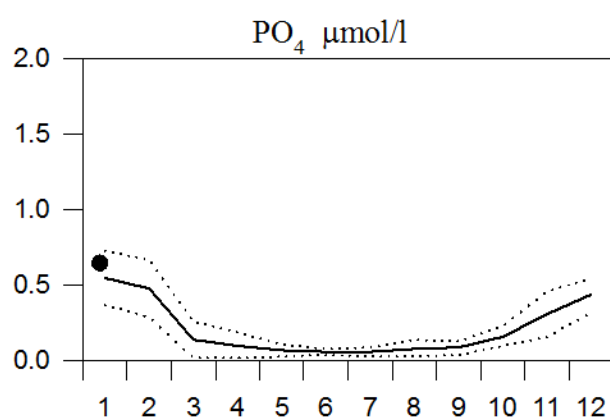
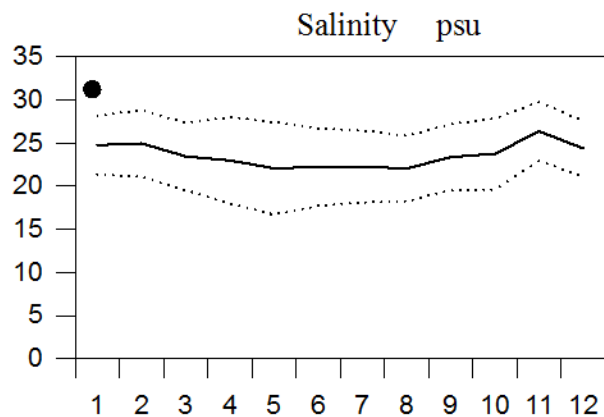
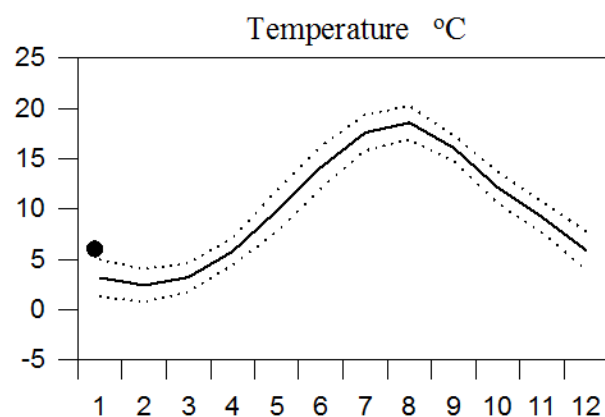
Series : 0001-0030



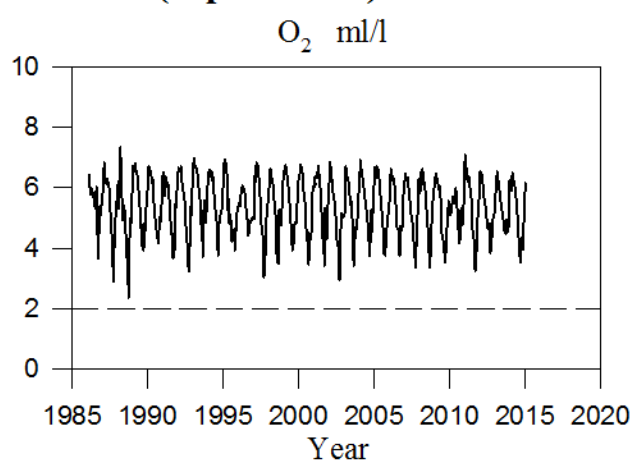
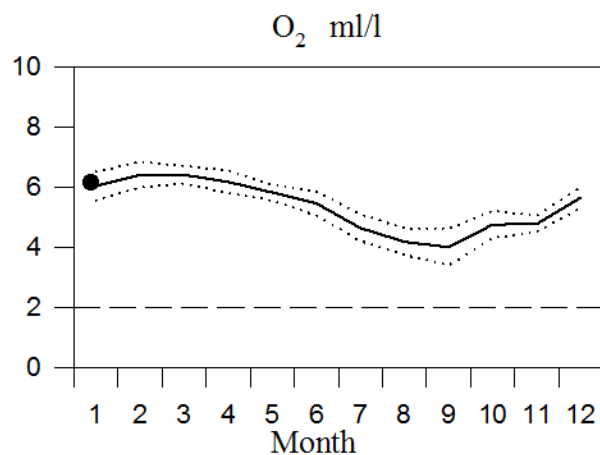
STATION FLADEN SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

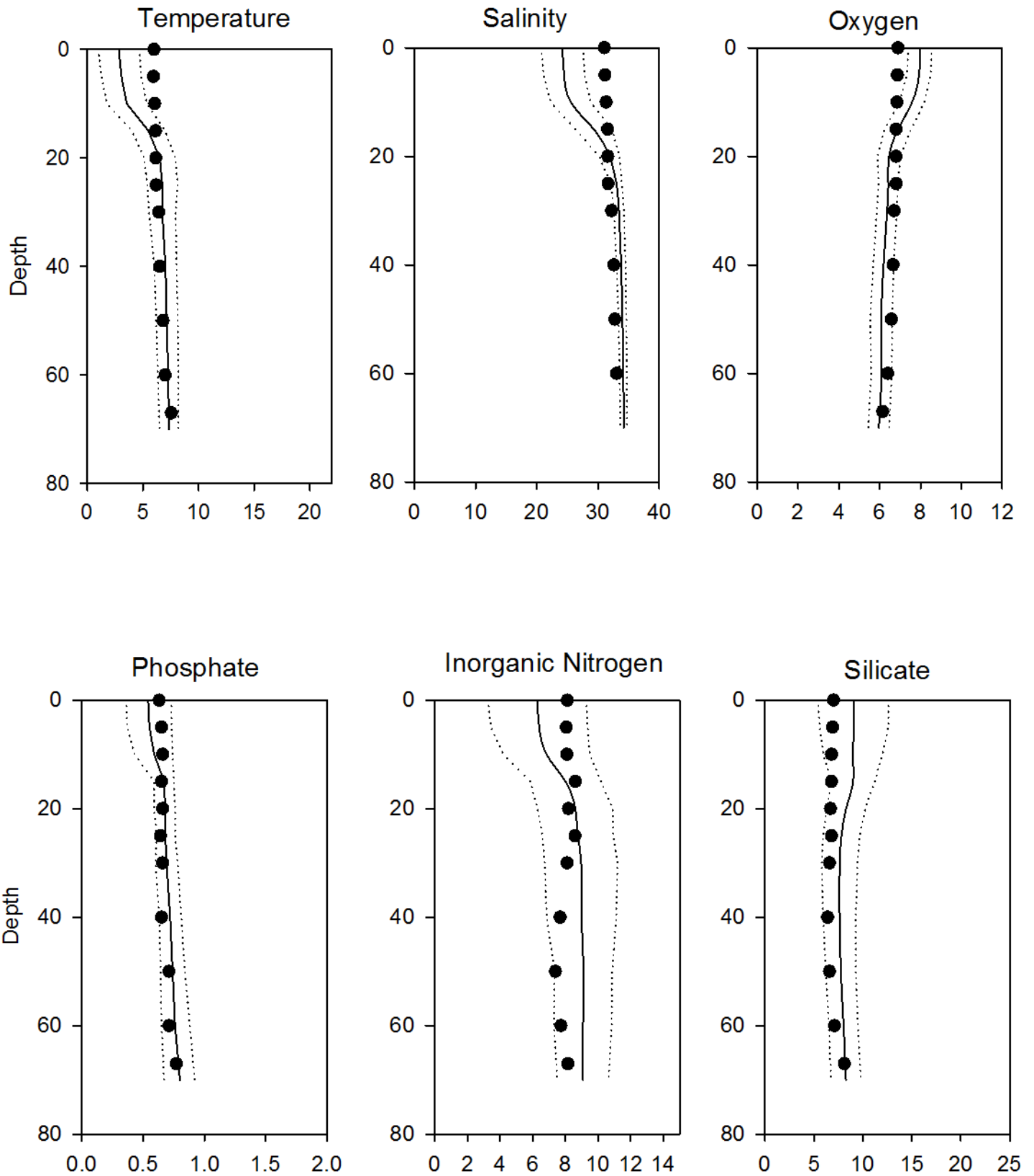


OXYGEN IN BOTTOM WATER (depth > 70m)



Vertical profiles Fladen January

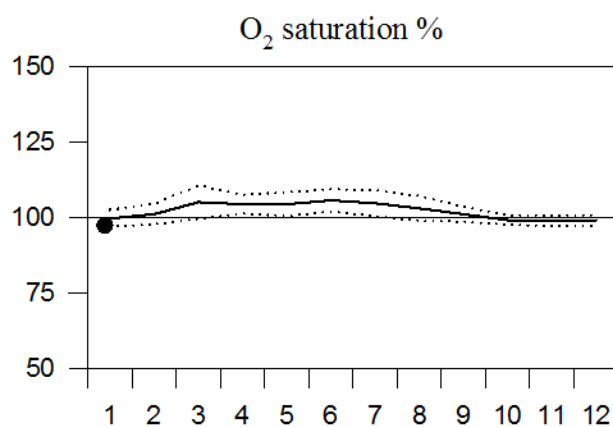
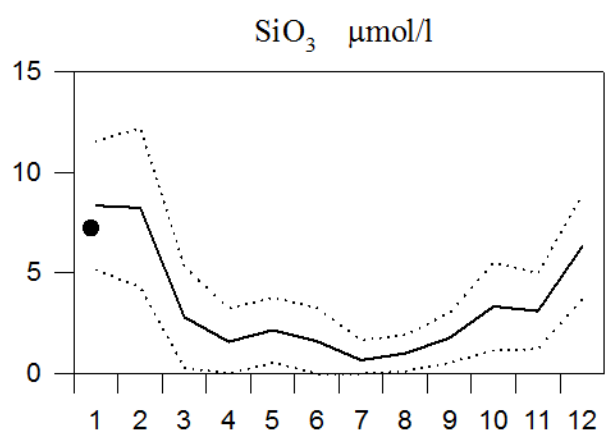
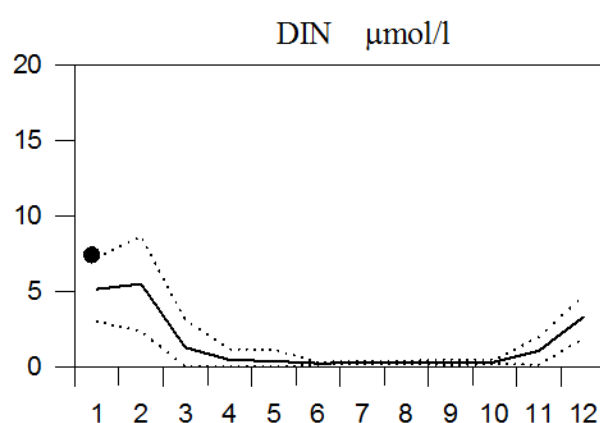
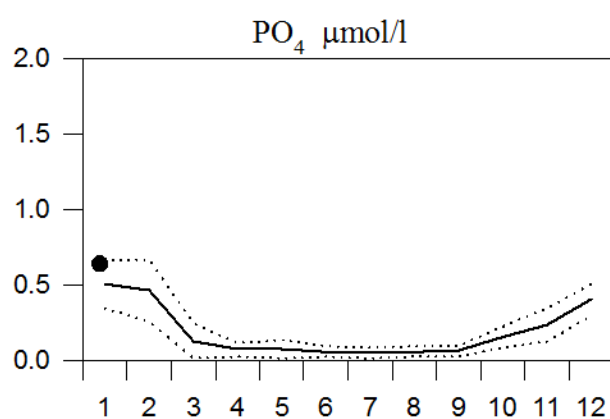
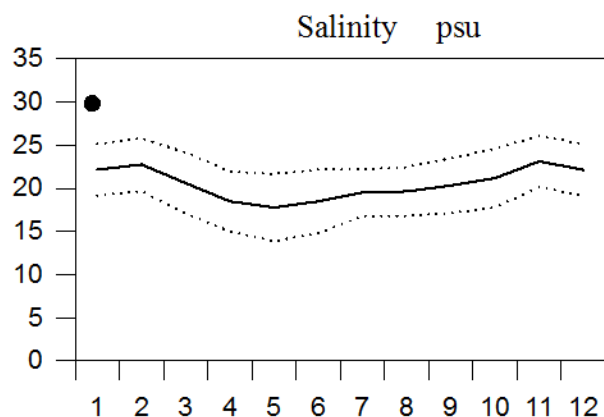
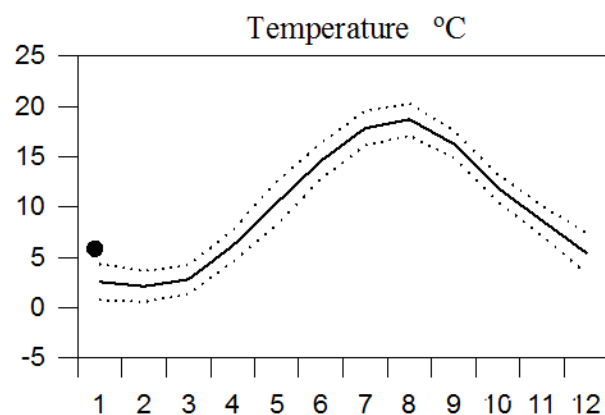
— Mean 1996-2010 St.Dev. ● 2015



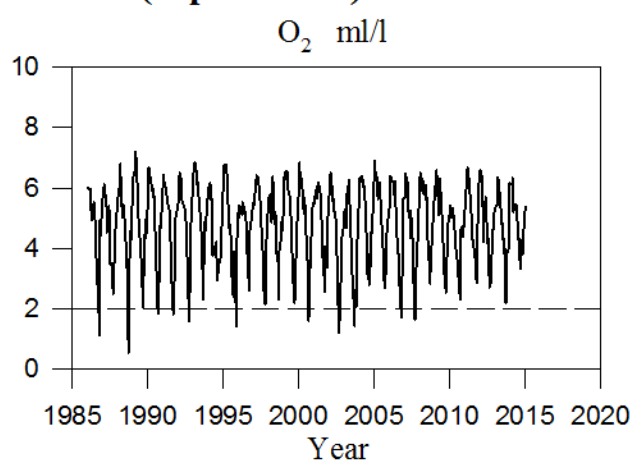
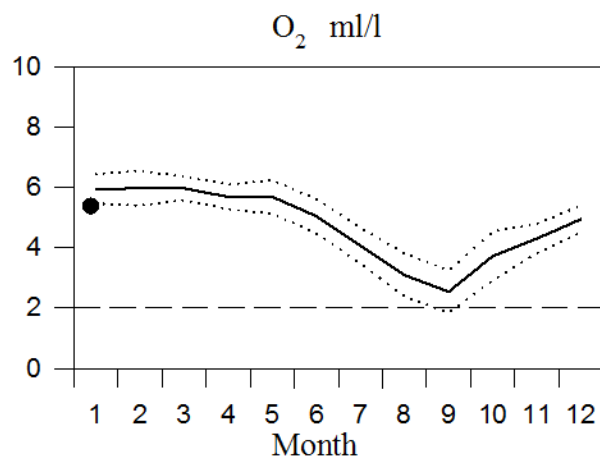
STATION ANHOLT E SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

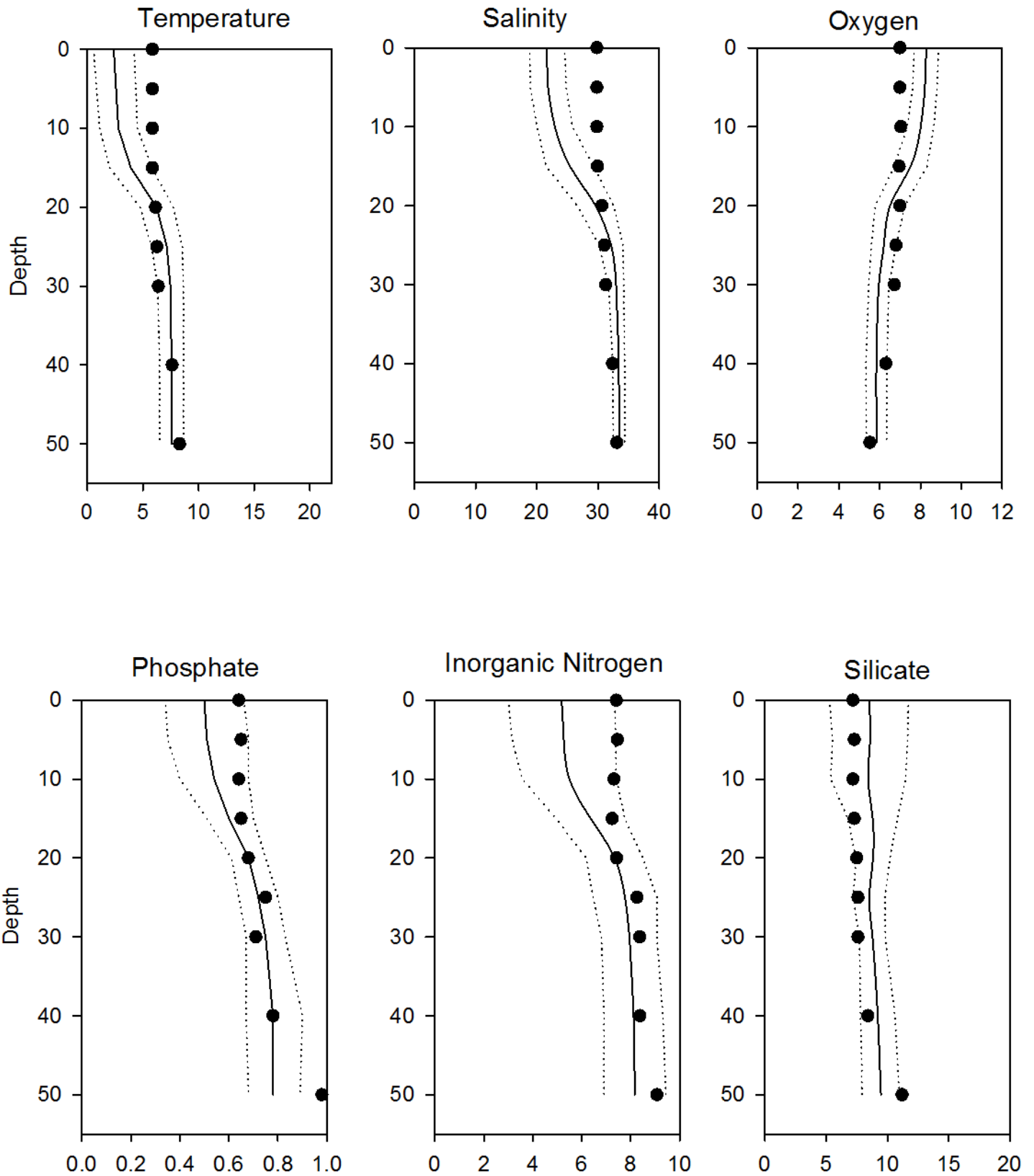


OXYGEN IN BOTTOM WATER (depth > 50m)



Vertical profiles Anholt E January

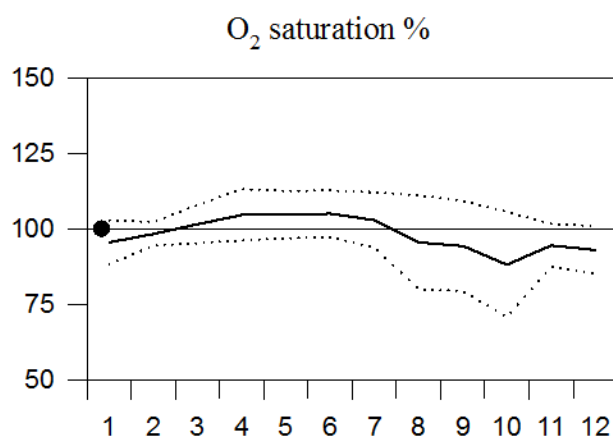
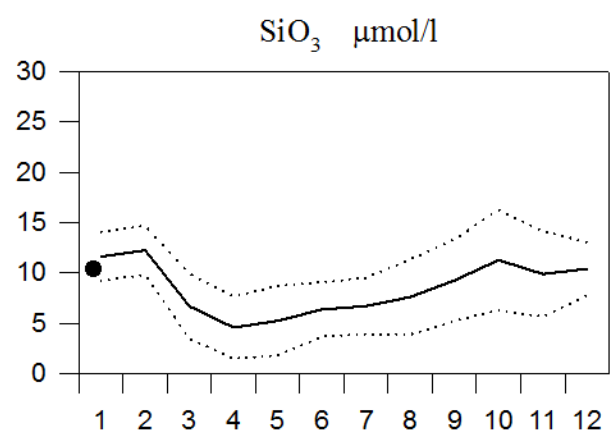
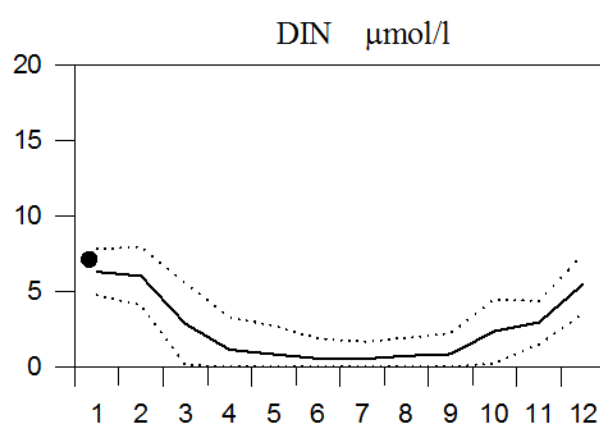
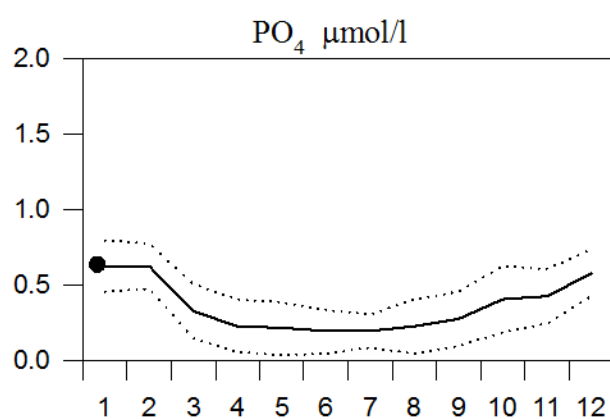
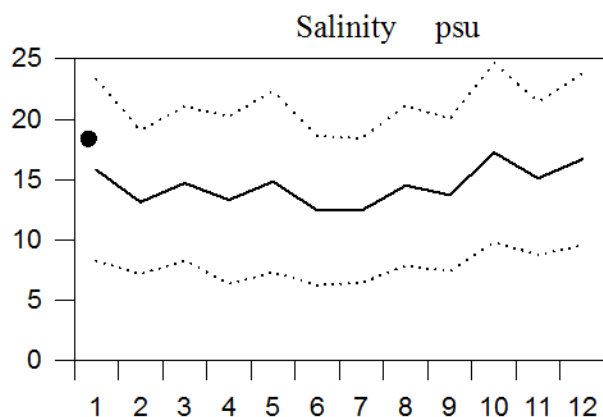
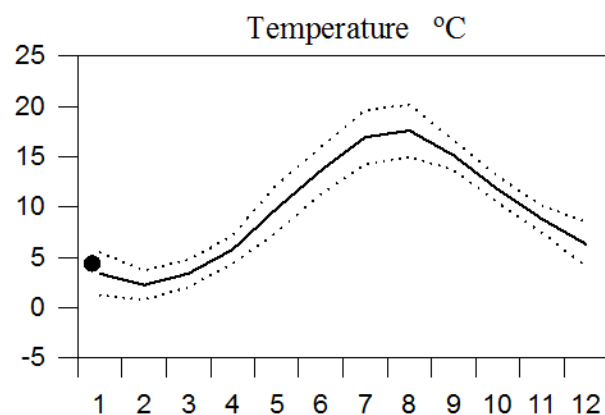
— Mean 1996-2010 St.Dev. ● 2015



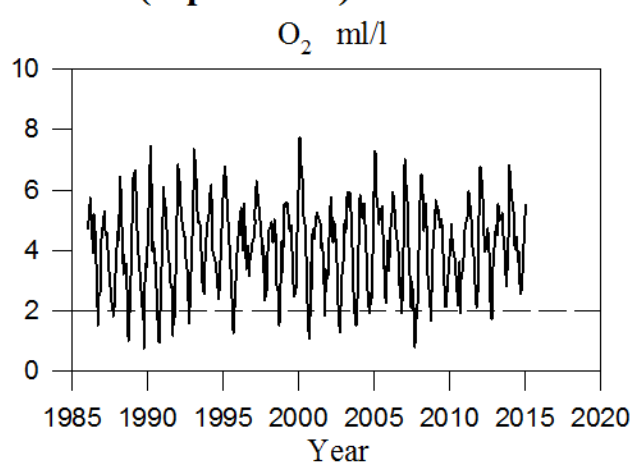
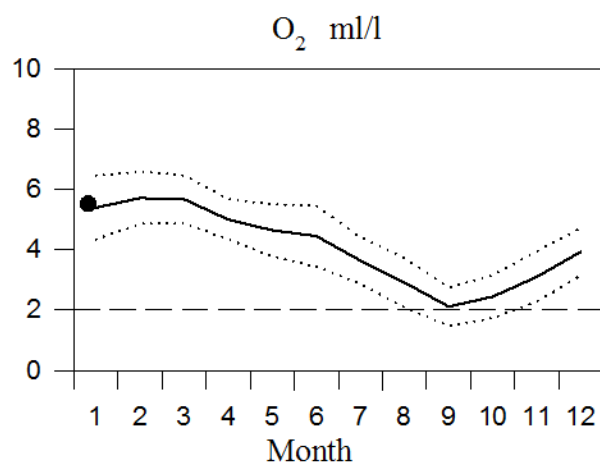
STATION W LANDSKRONA SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

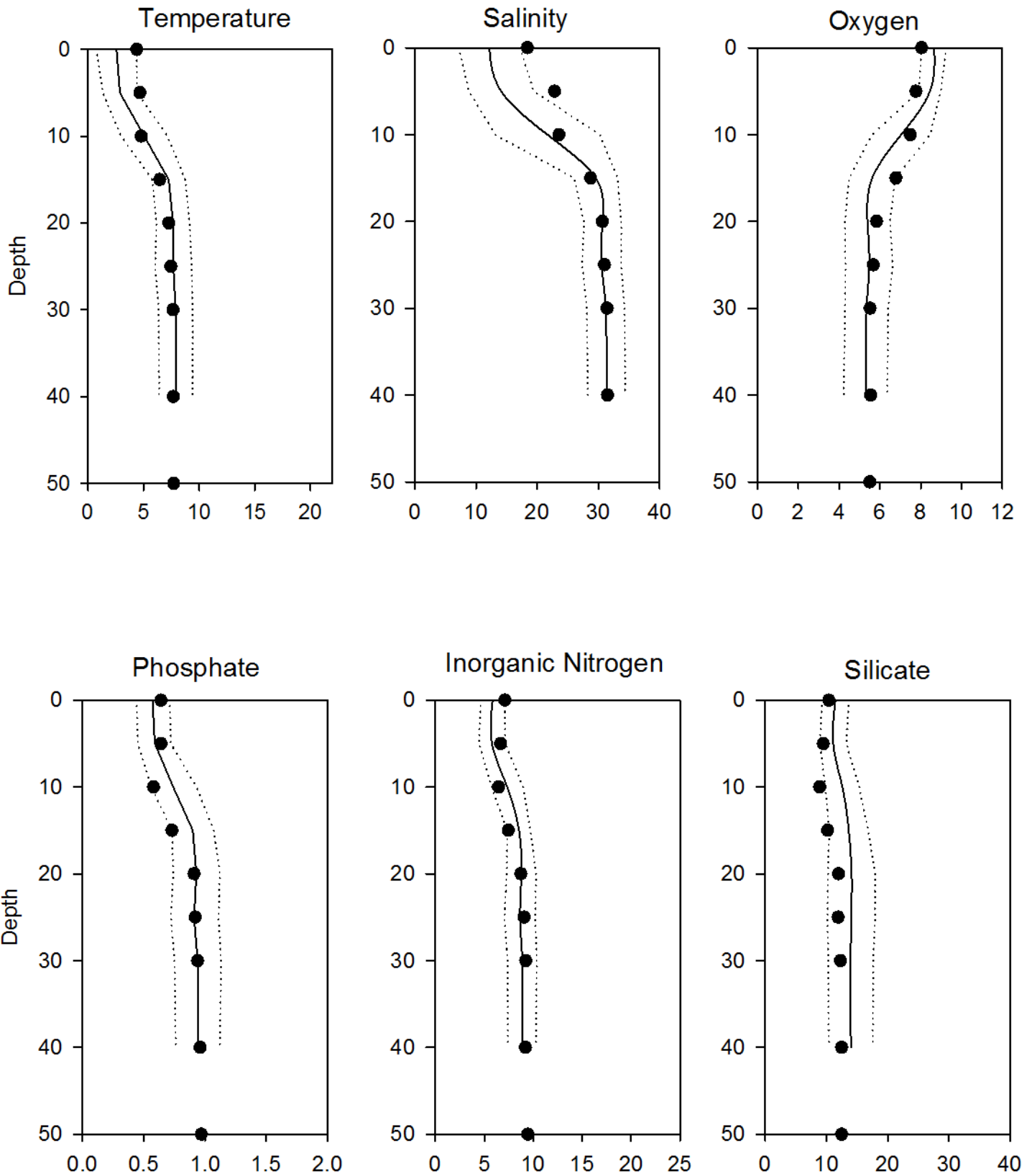


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles W Landskrona January

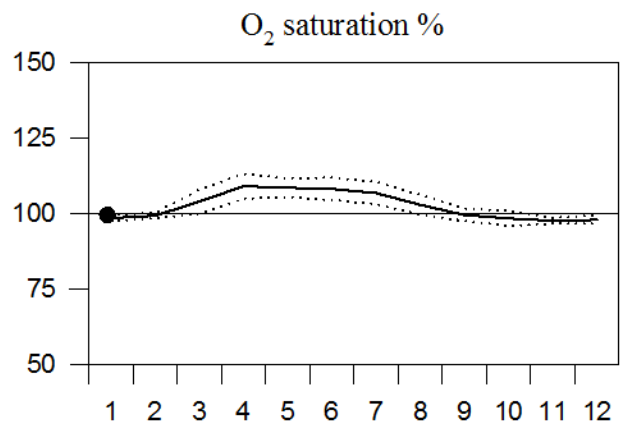
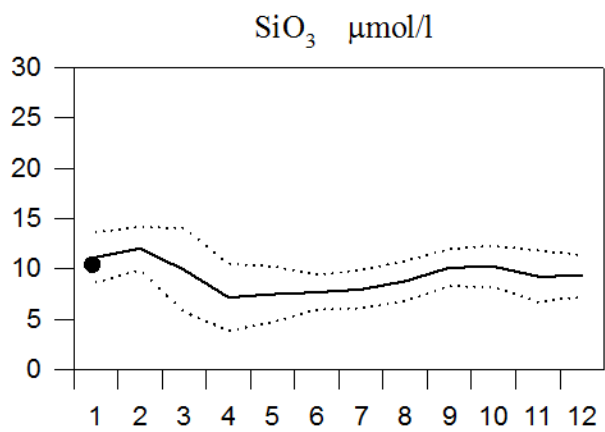
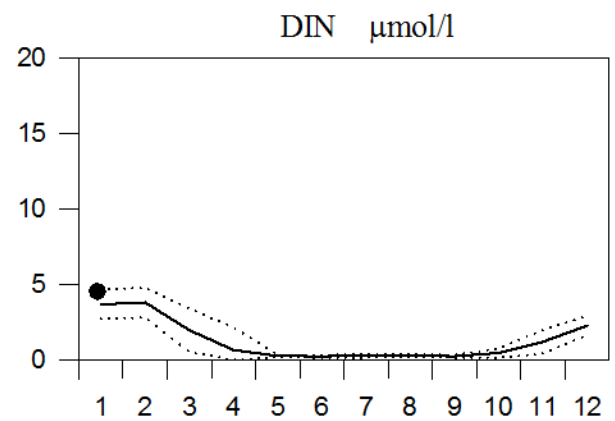
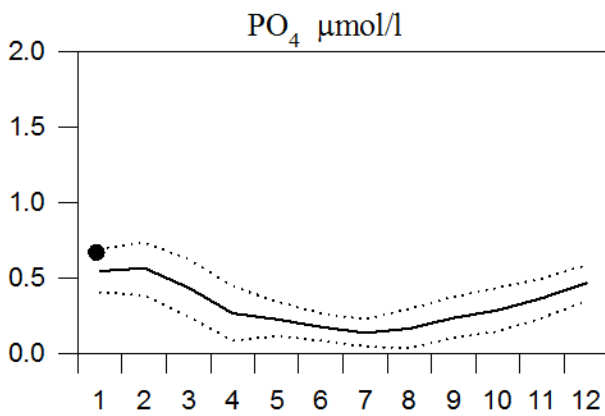
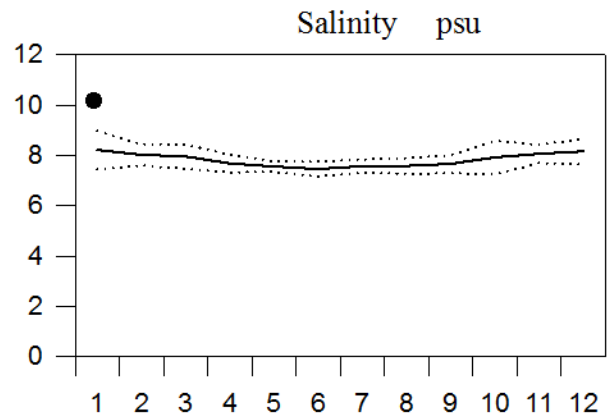
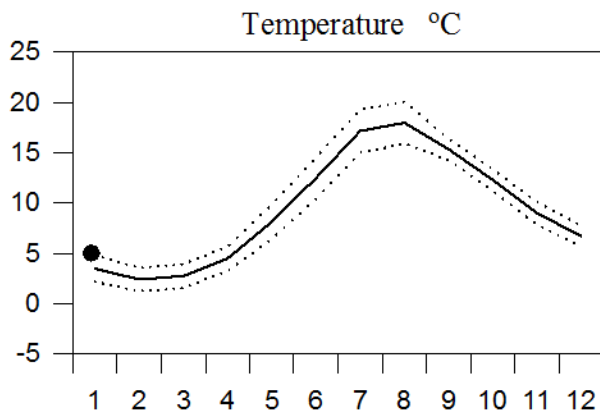
— Mean 1996-2010 St.Dev. ● 2015



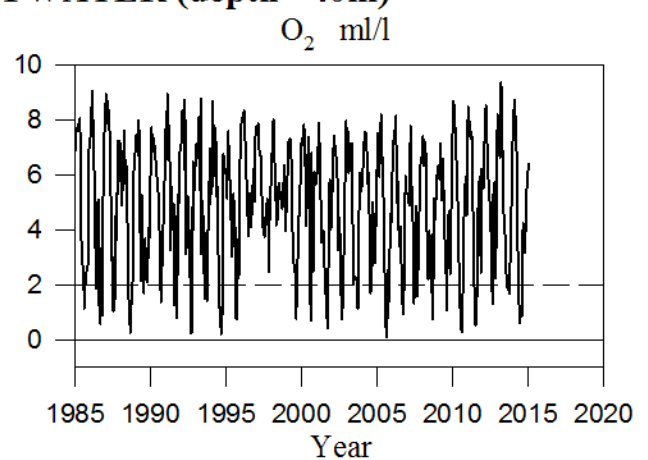
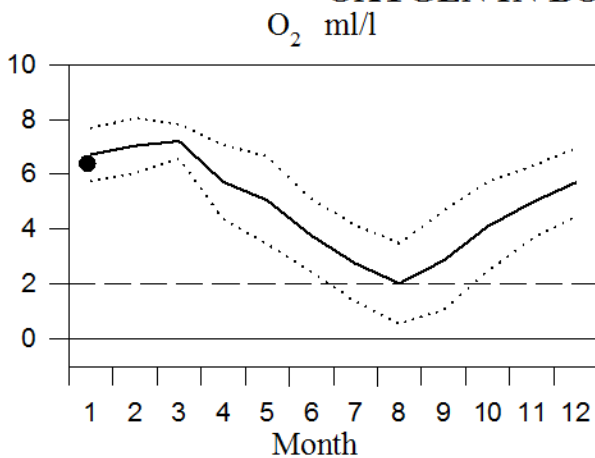
STATION BY1 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

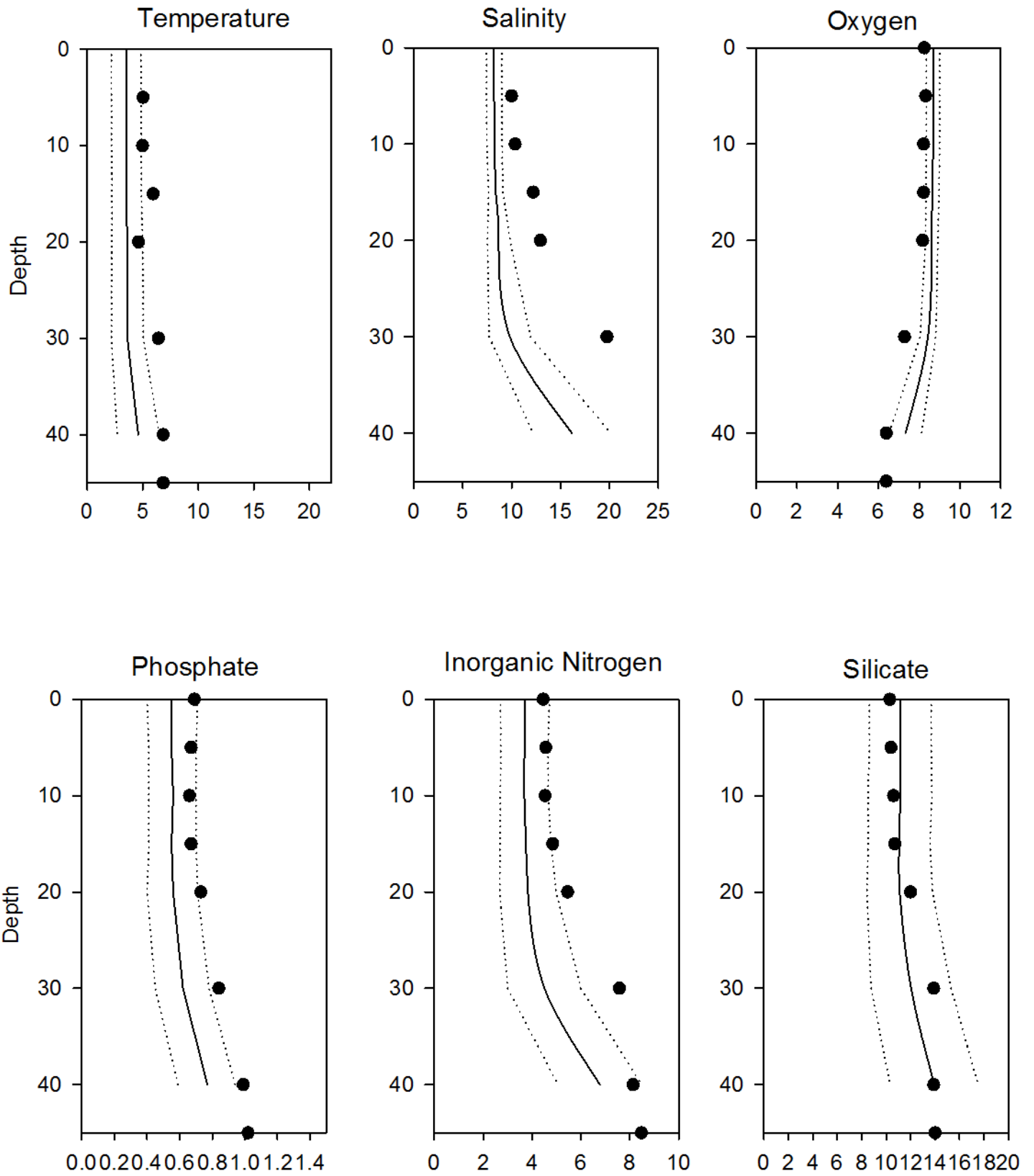


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles BY1 January

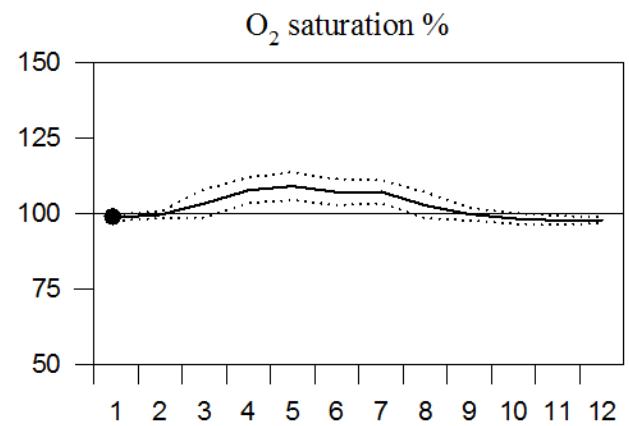
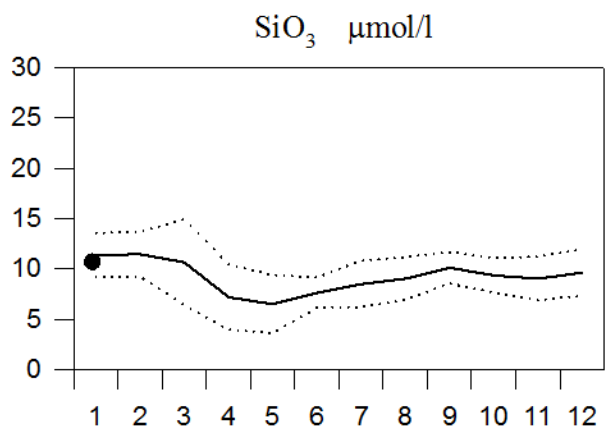
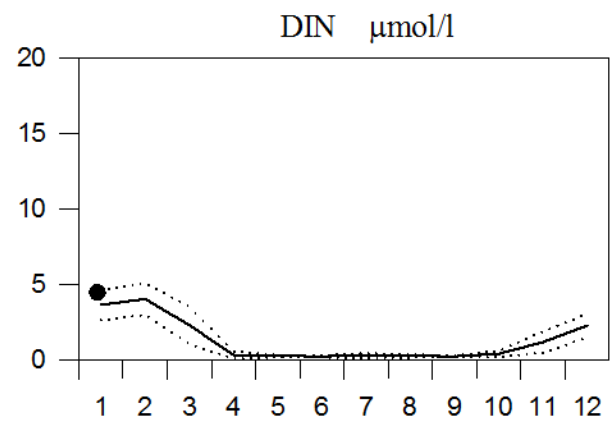
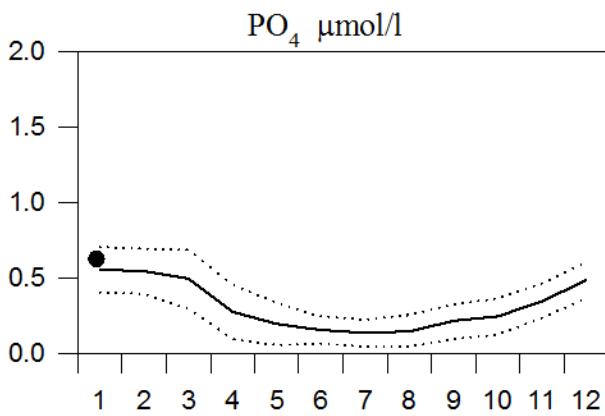
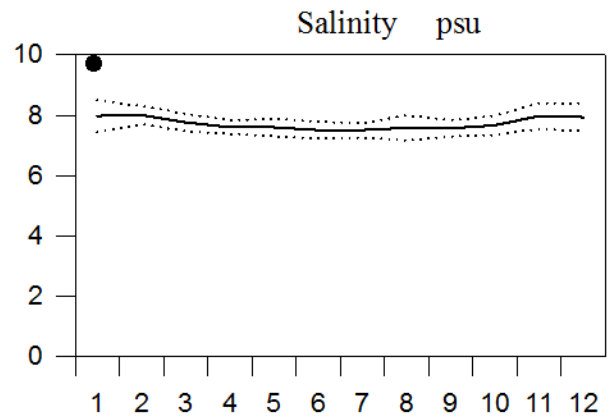
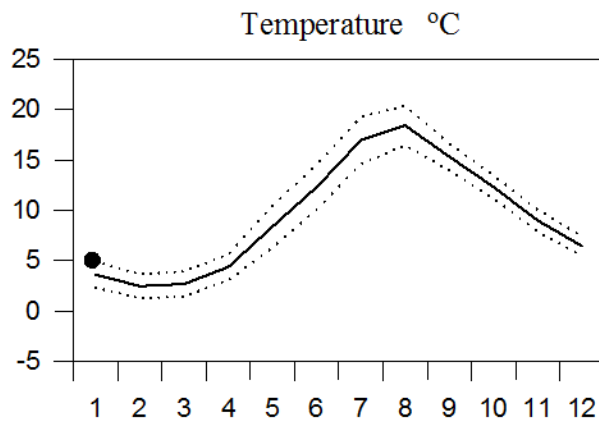
— Mean 1996-2010 St.Dev. ● 2015



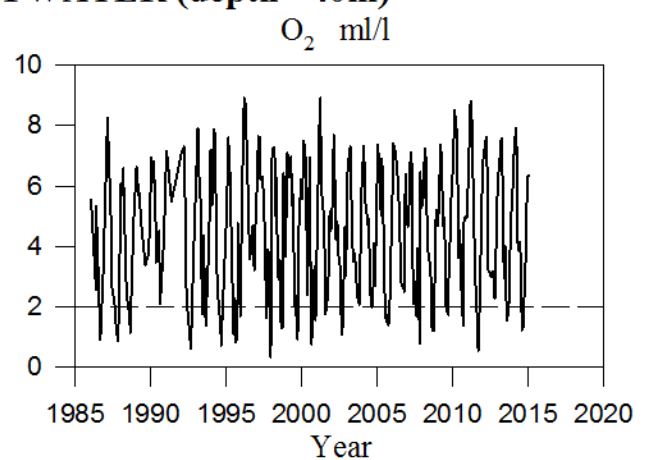
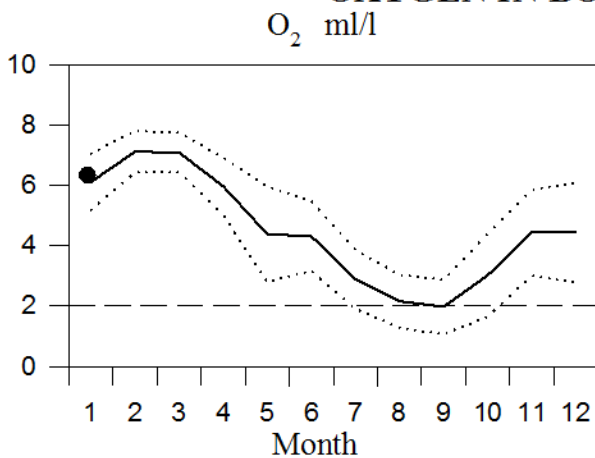
STATION BY2 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

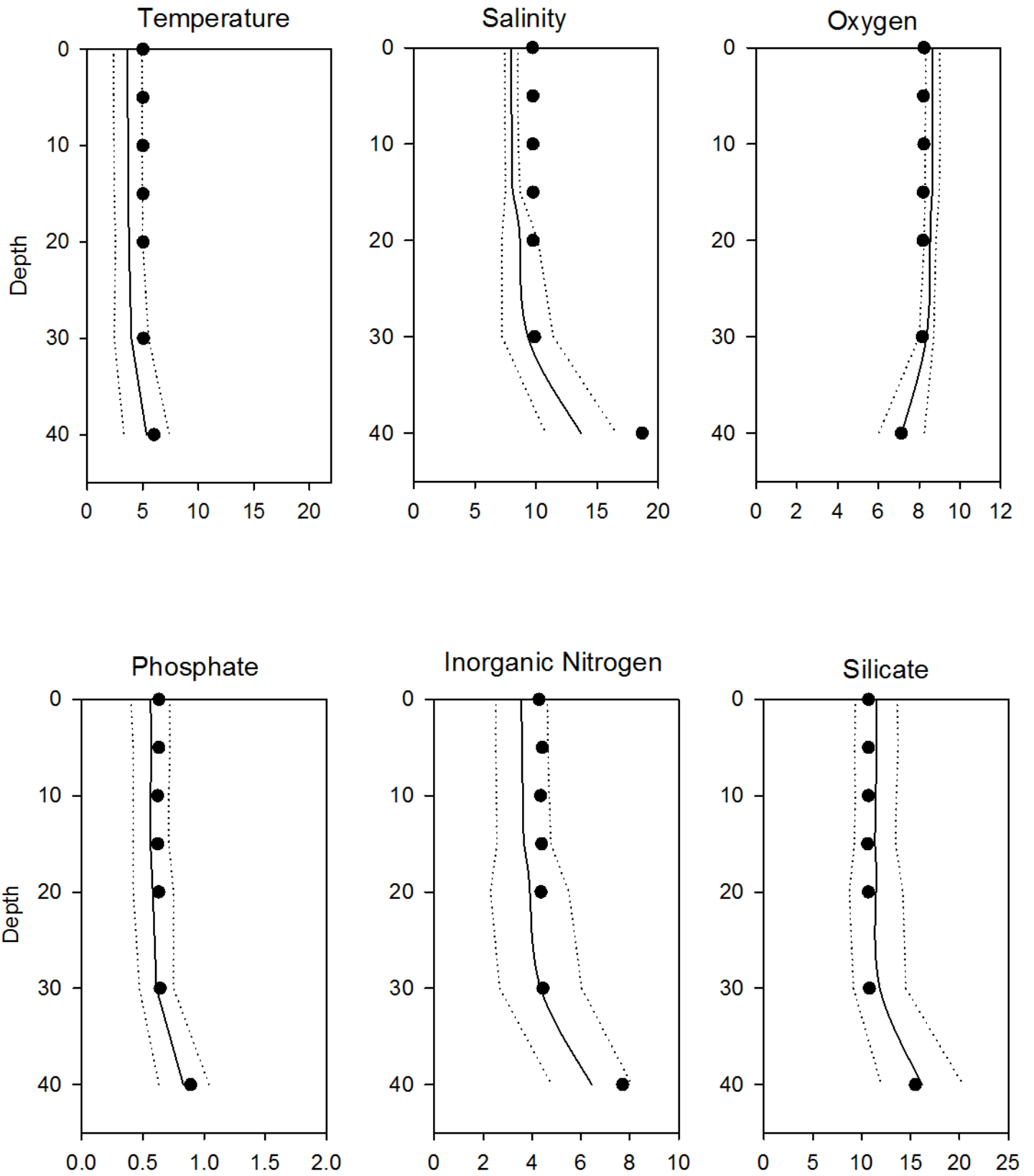


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles BY2 January

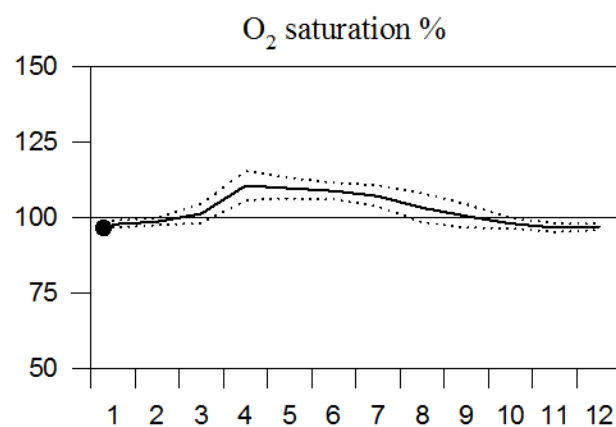
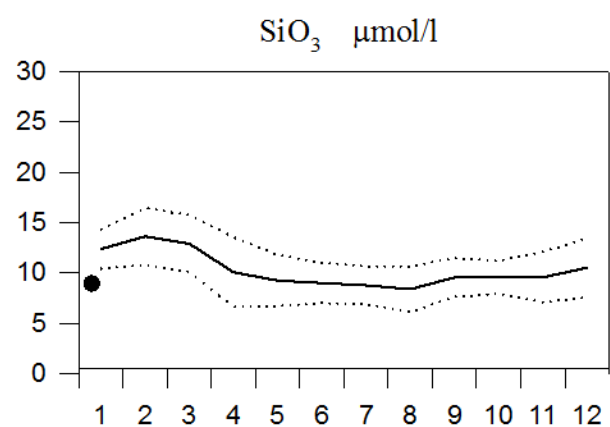
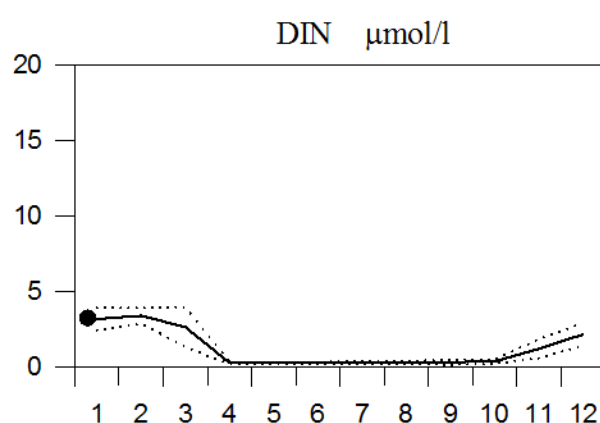
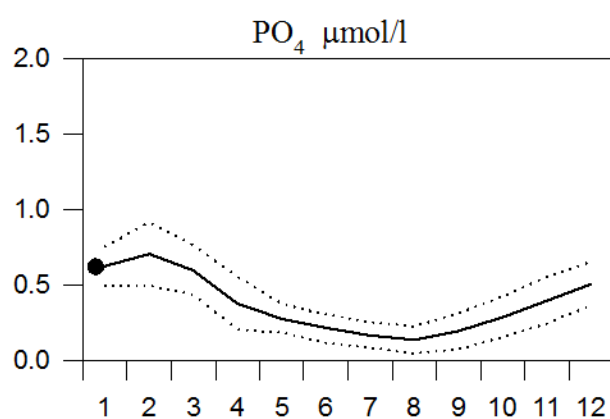
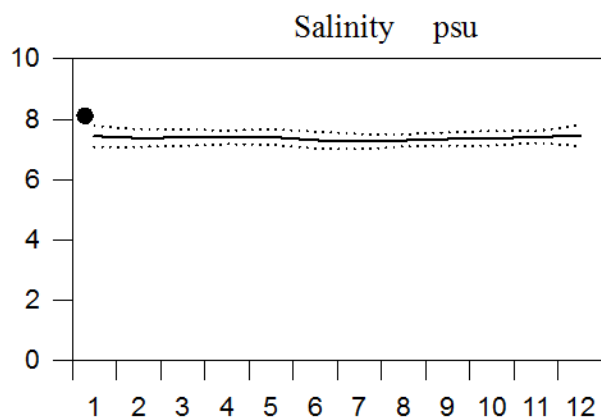
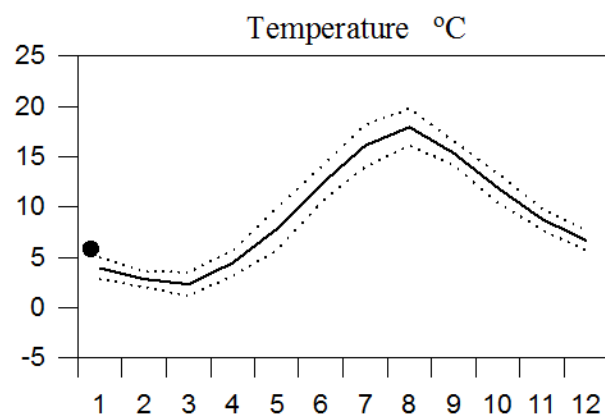
— Mean 1996-2010 St.Dev. ● 2015



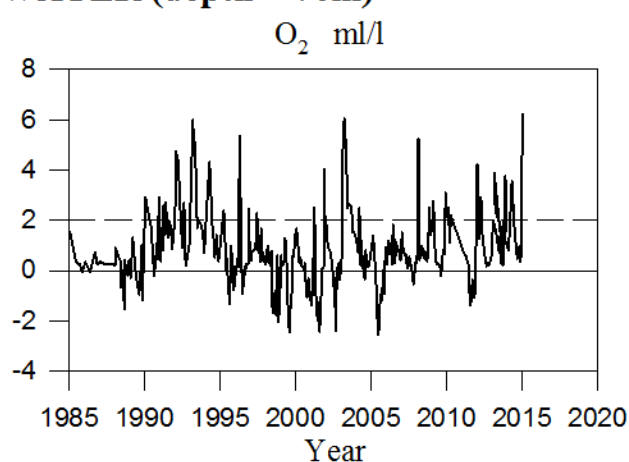
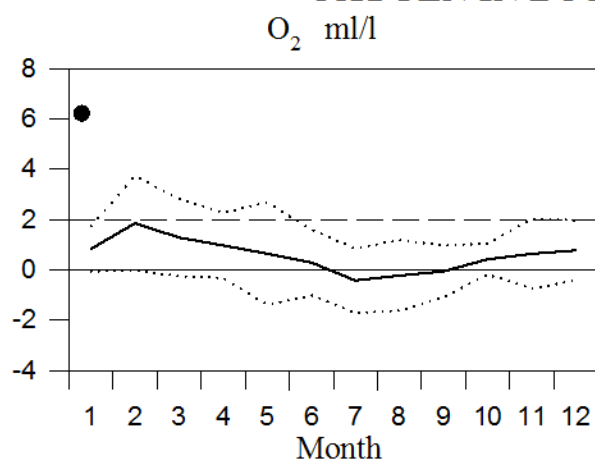
STATION HANÖBUKTEN SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

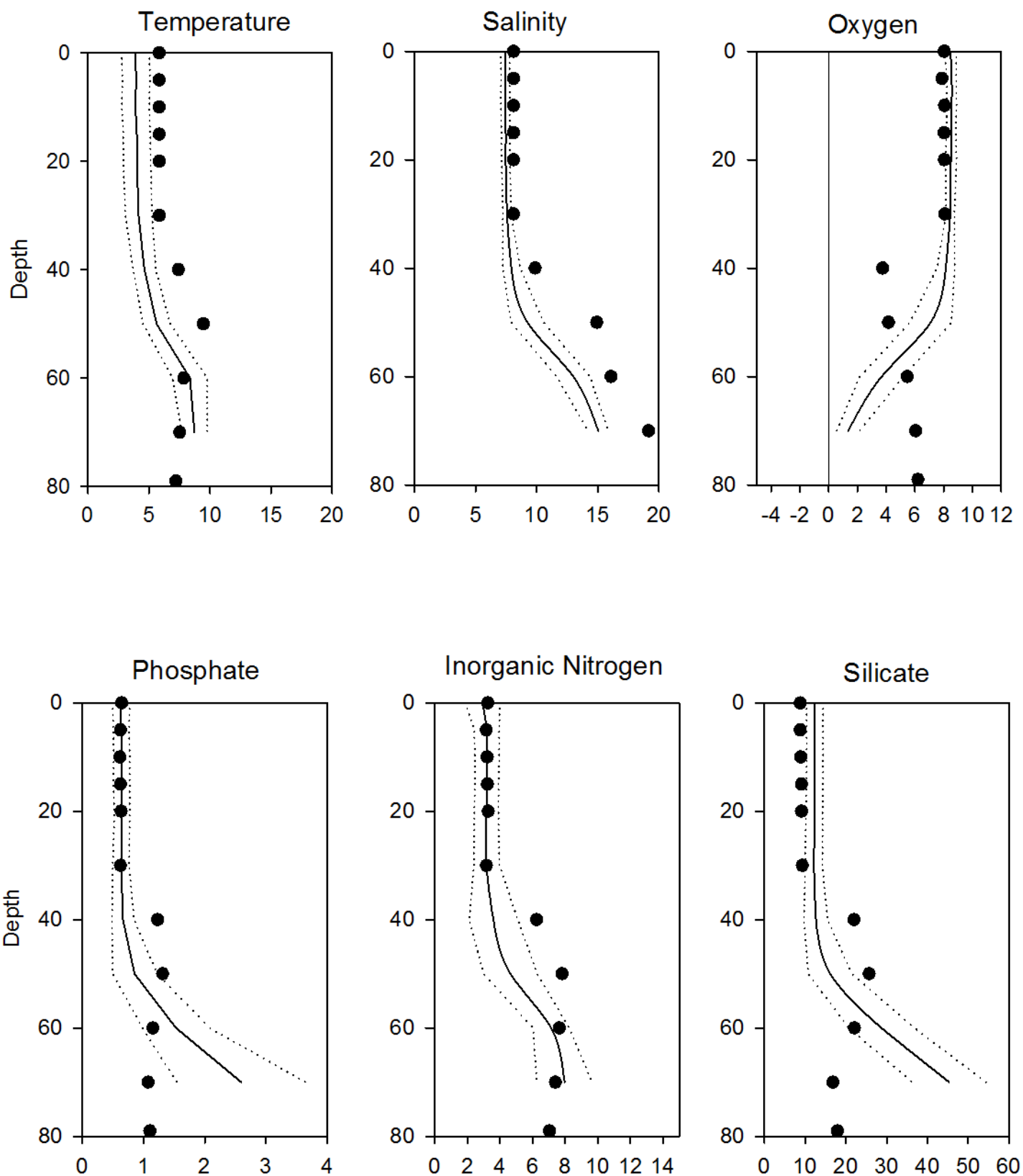


OXYGEN IN BOTTOM WATER (depth > 70m)



Vertical profiles Hanöbukten January

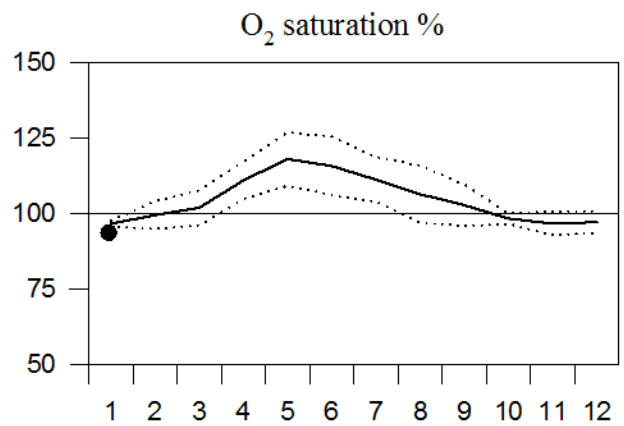
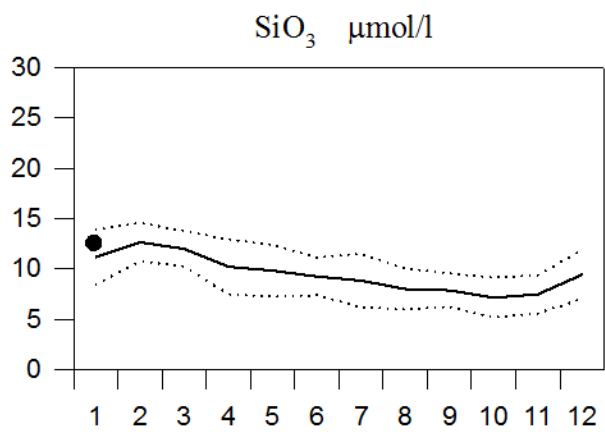
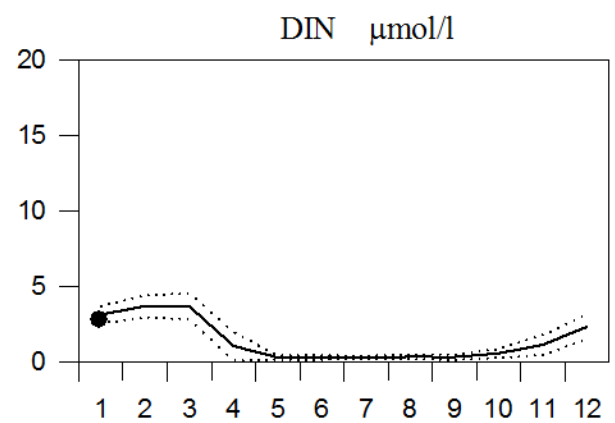
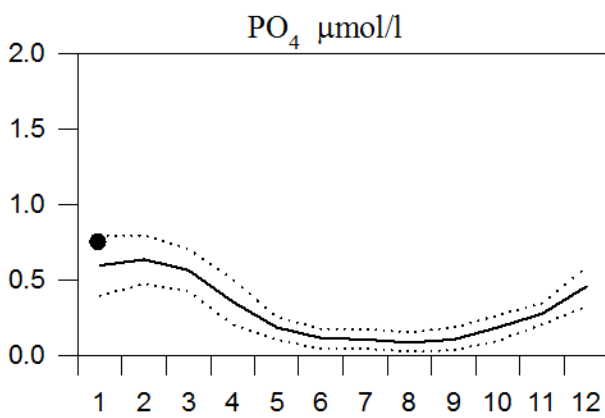
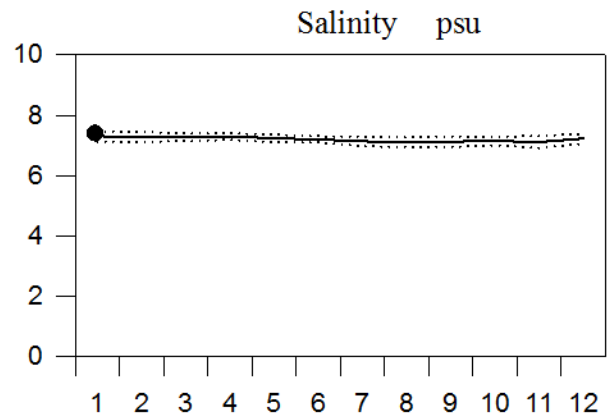
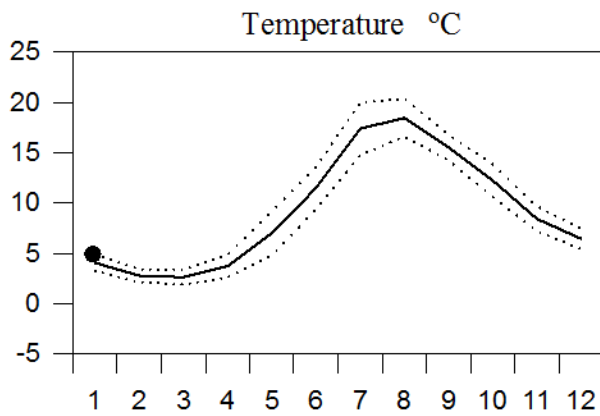
— Mean 1996-2010 St.Dev. ● 2015



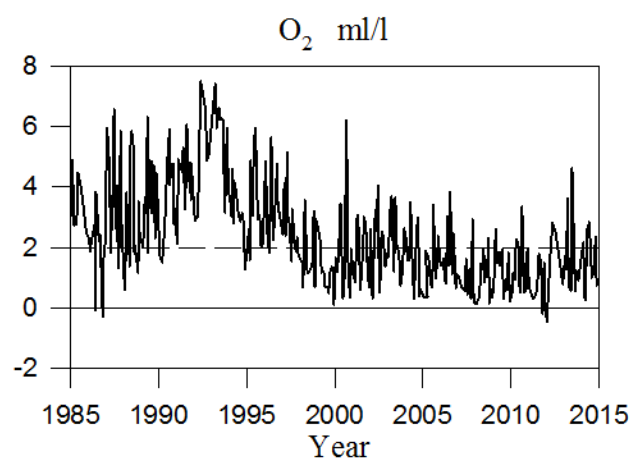
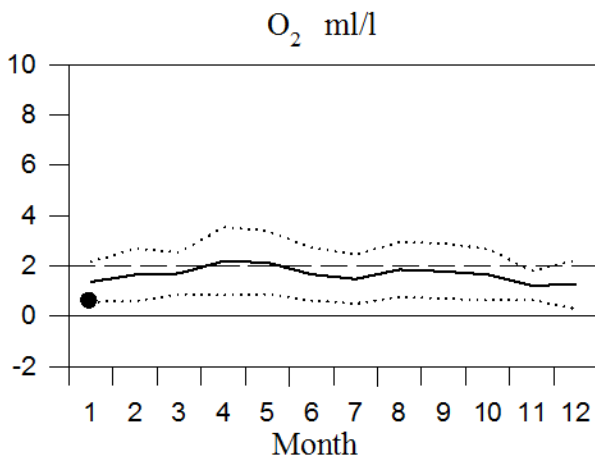
STATION BCS III-10 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

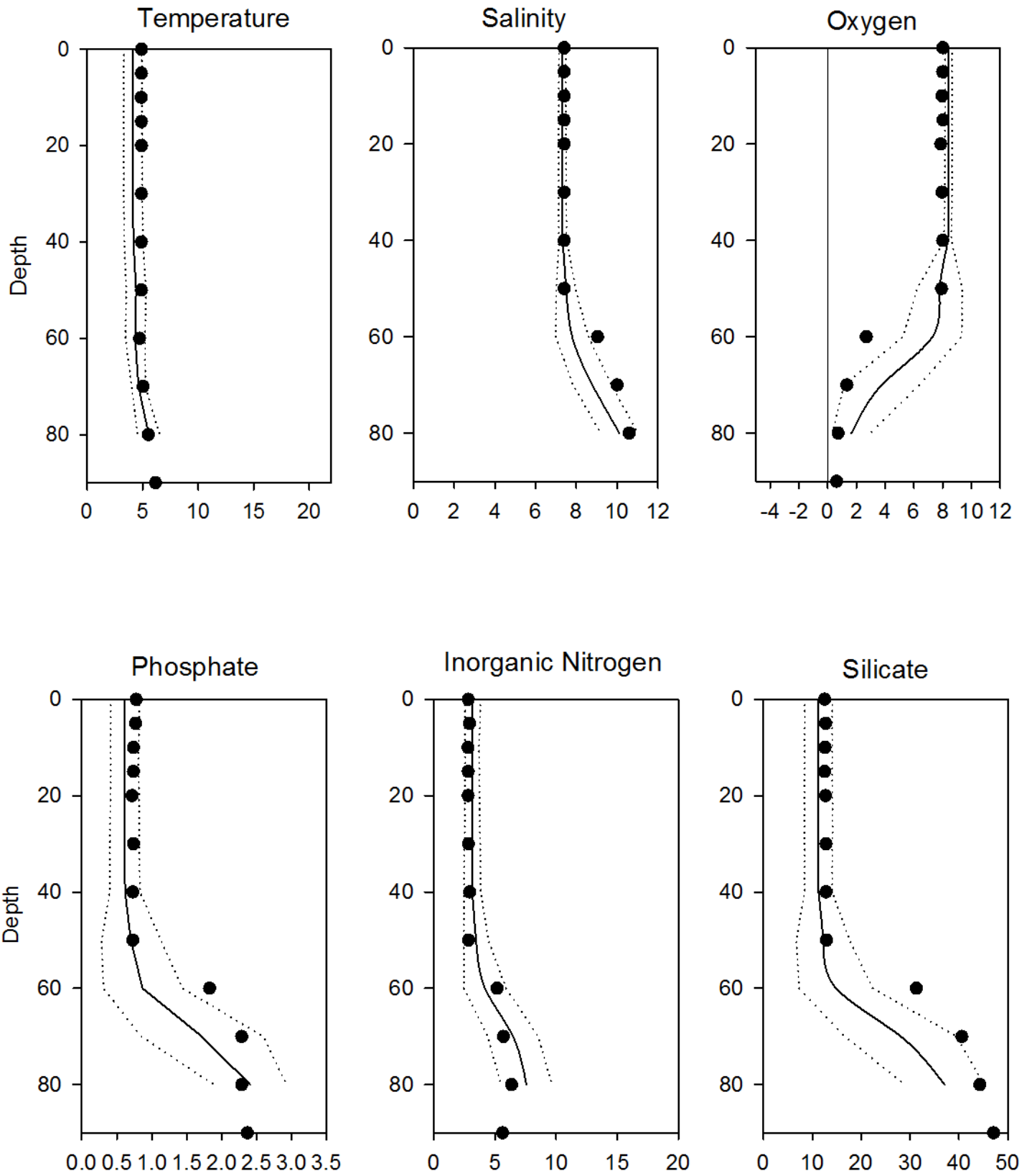


OXYGEN IN BOTTOM WATER (depth > 80m)



Vertical profiles BCS III-10 January

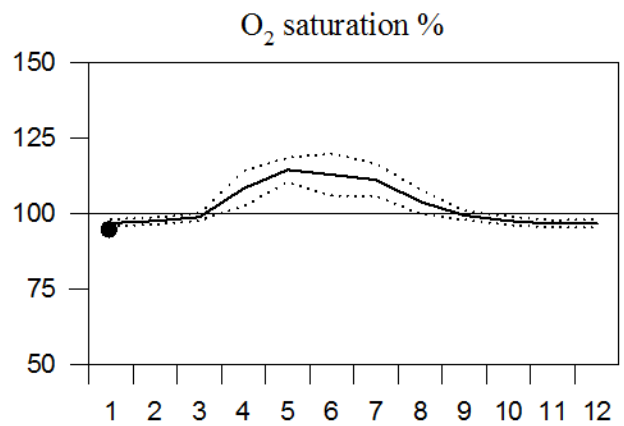
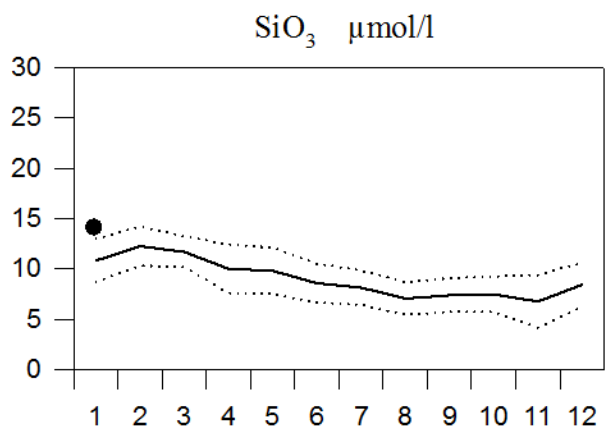
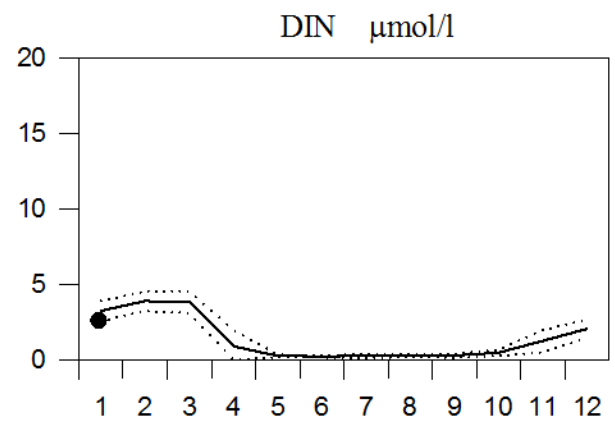
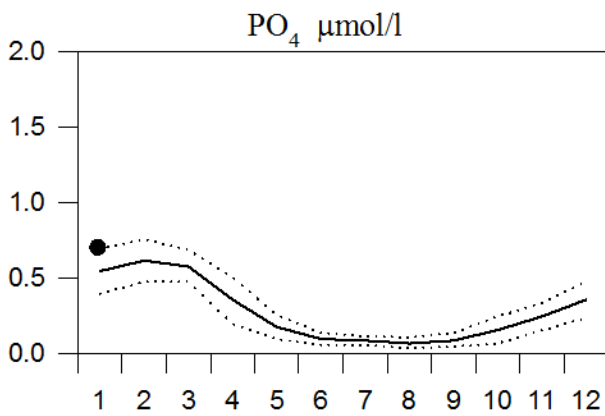
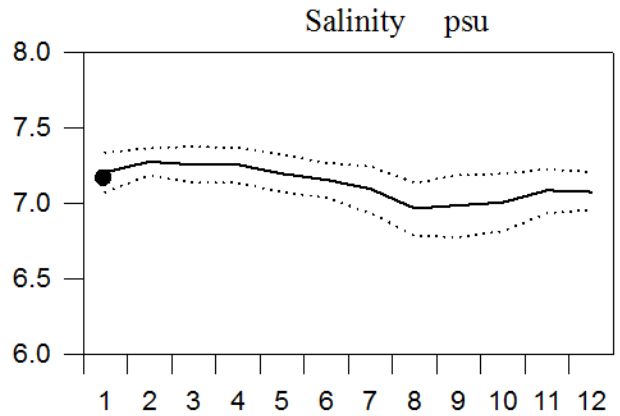
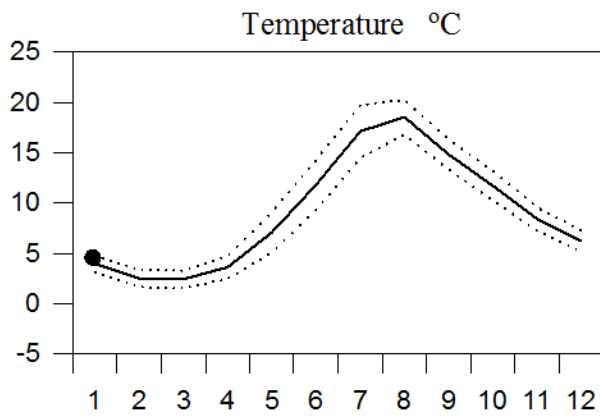
— Mean 1996-2010 St.Dev. ● 2015



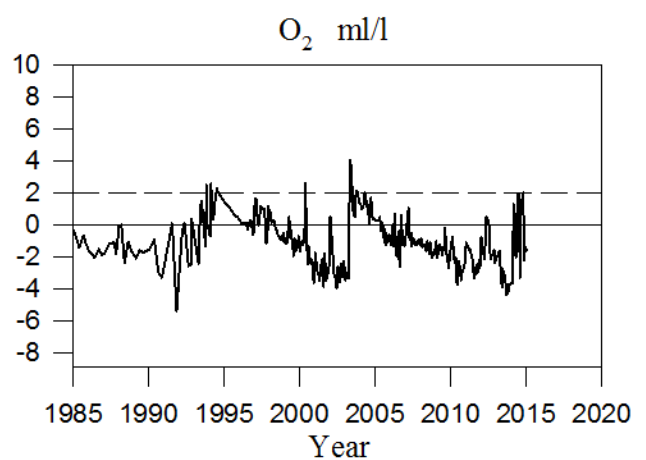
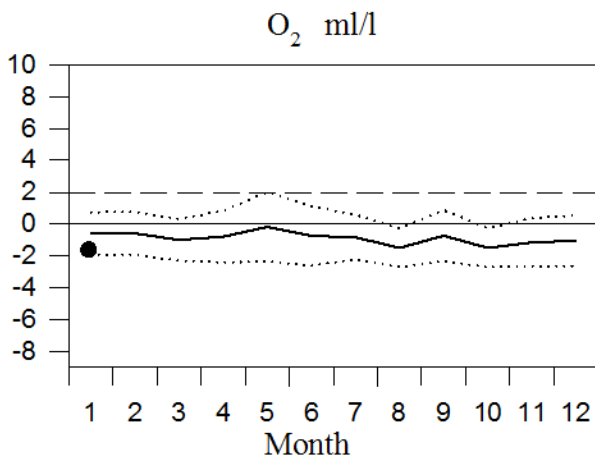
STATION BY10 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

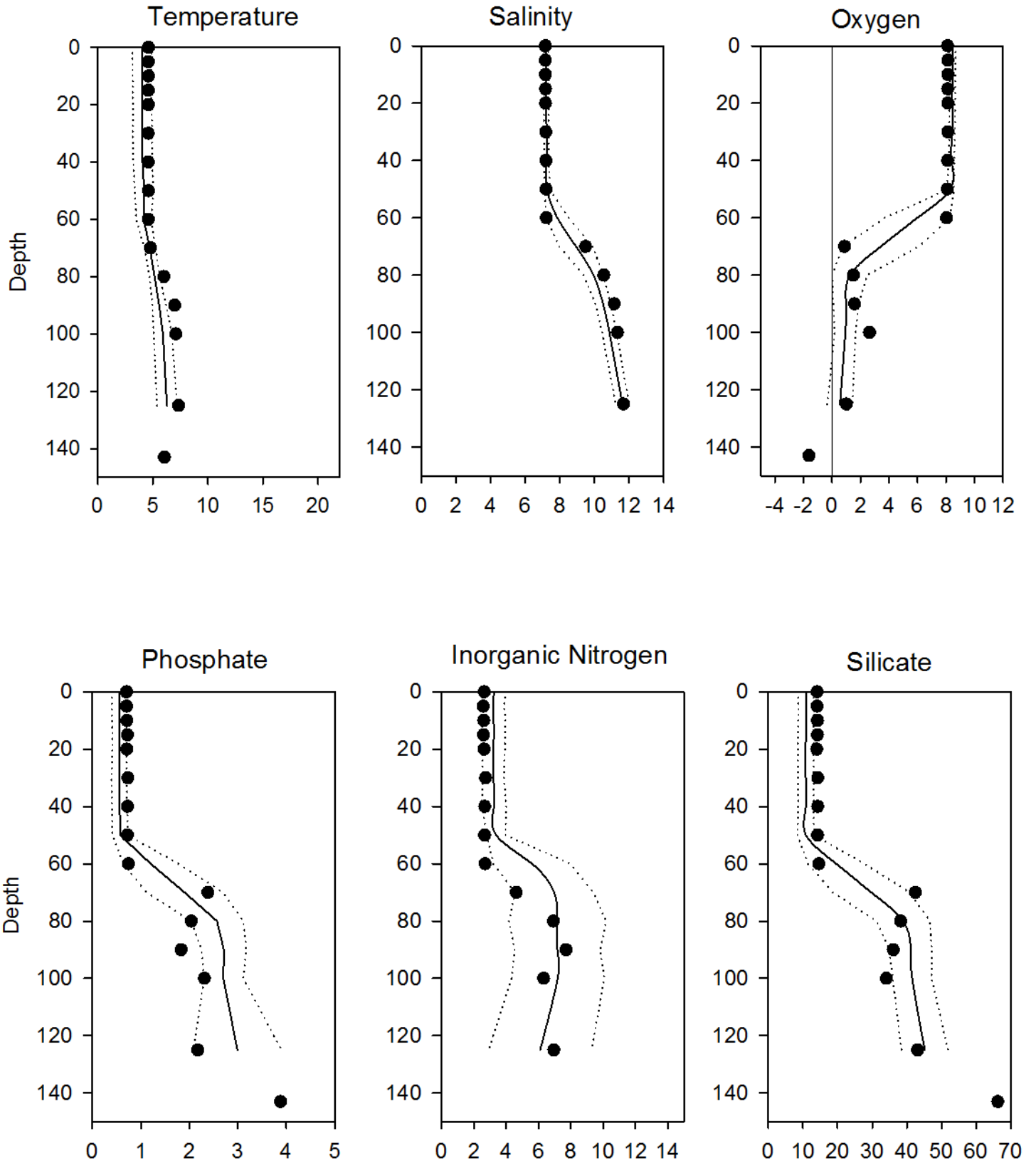


OXYGEN IN BOTTOM WATER (depth >125m)



Vertical profiles BY10 January

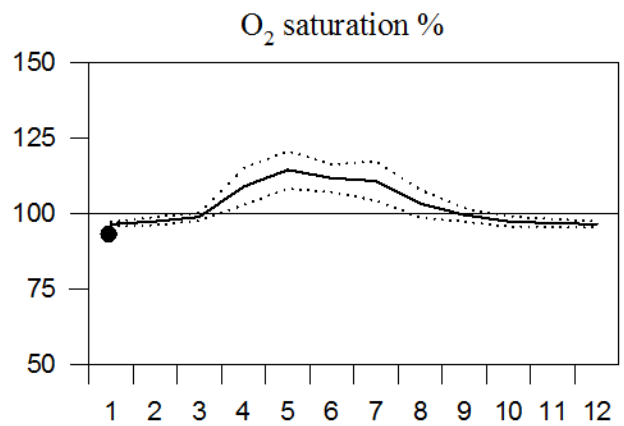
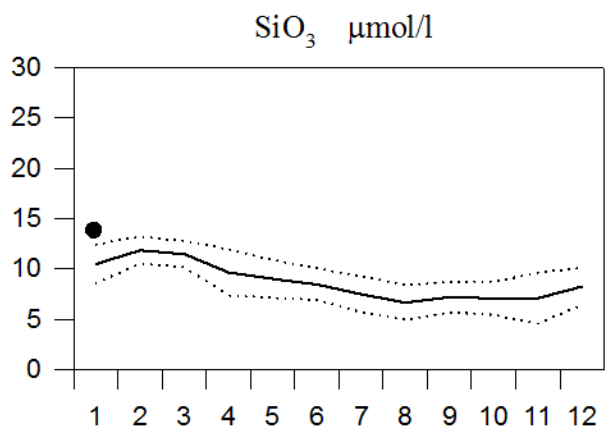
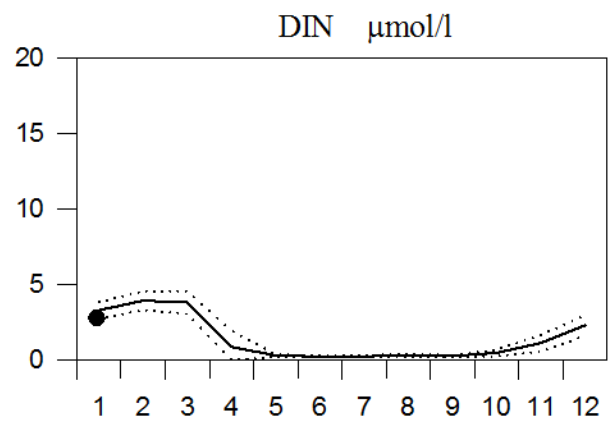
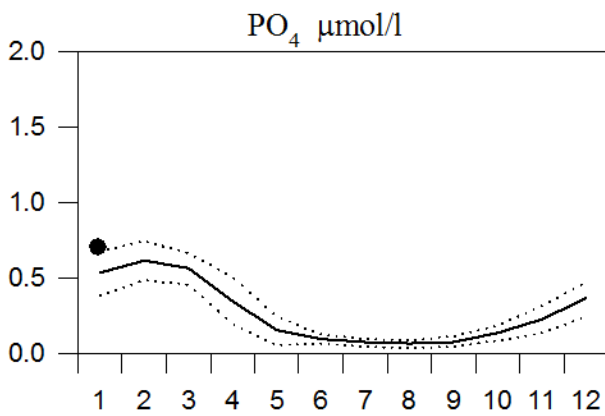
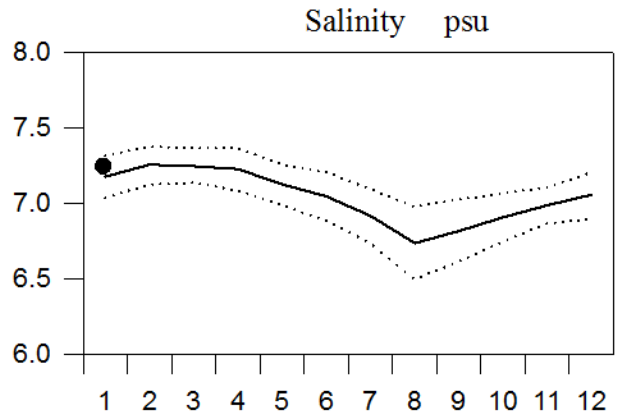
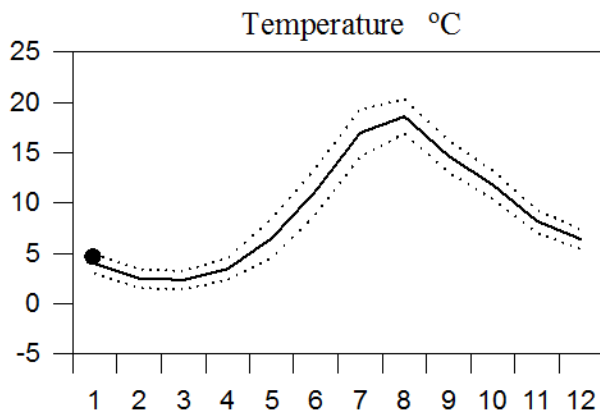
— Mean 1996-2010 St.Dev. ● 2015



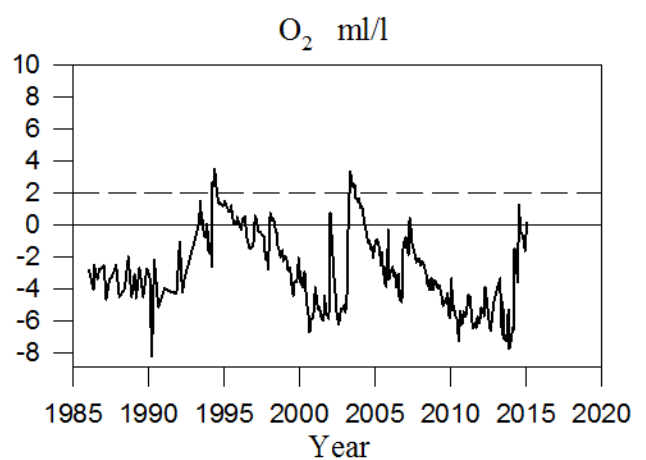
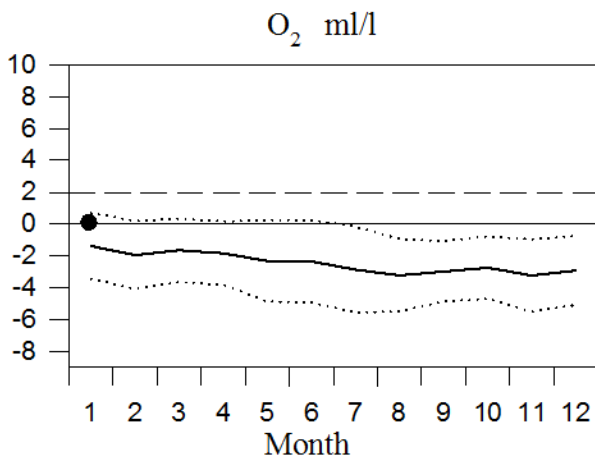
STATION BY15 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

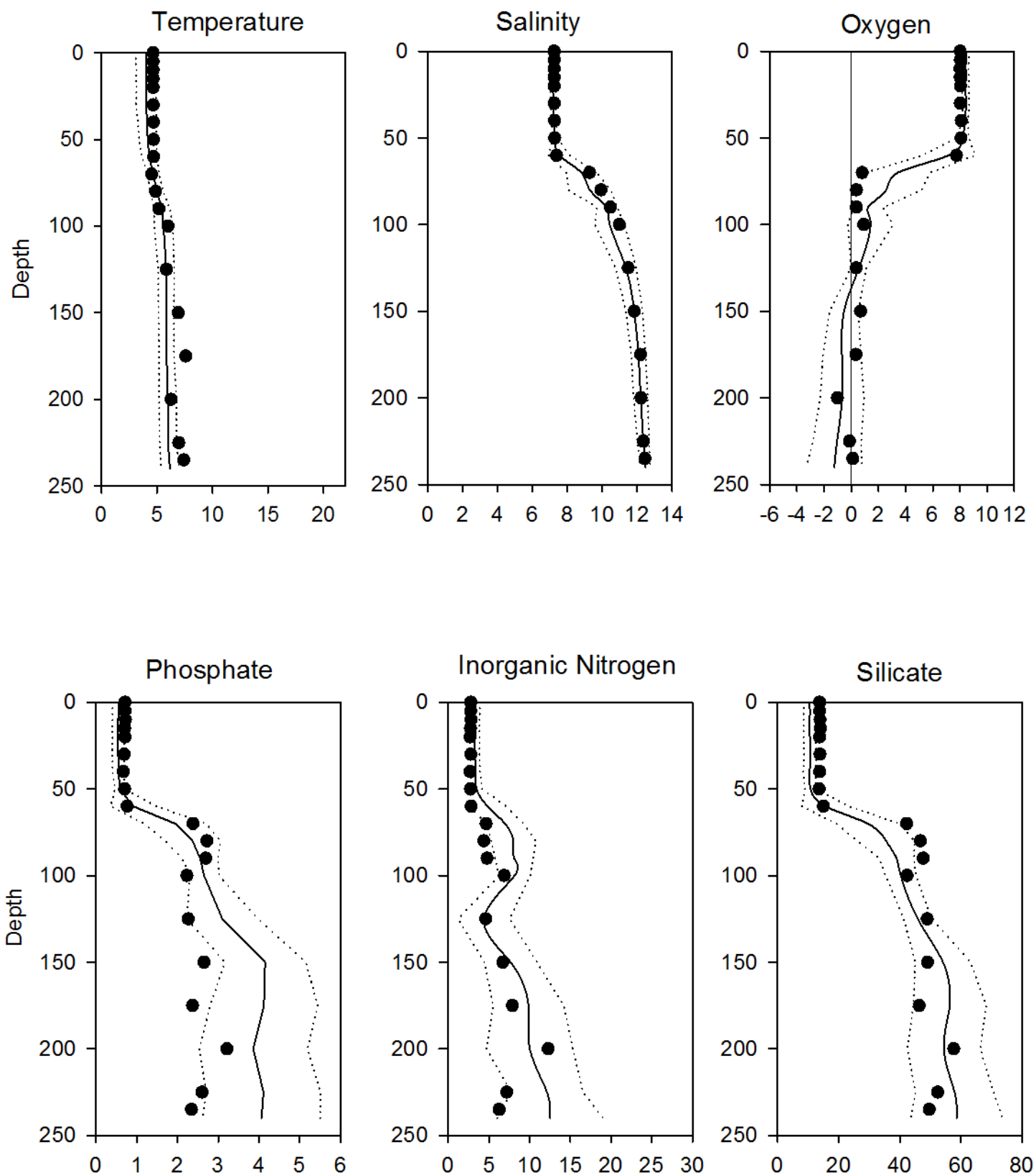


OXYGEN IN BOTTOM WATER (depth >225m)



Vertical profiles BY15 January

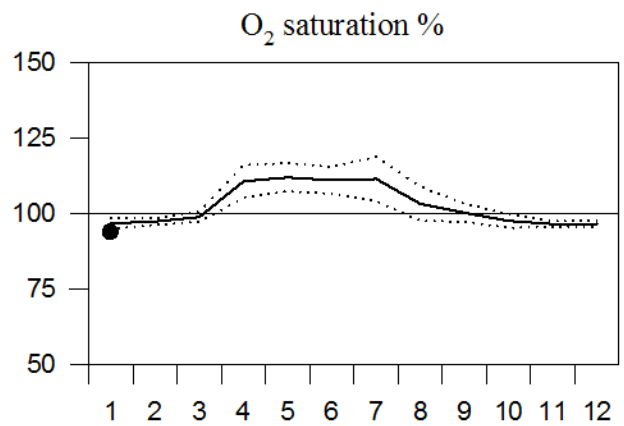
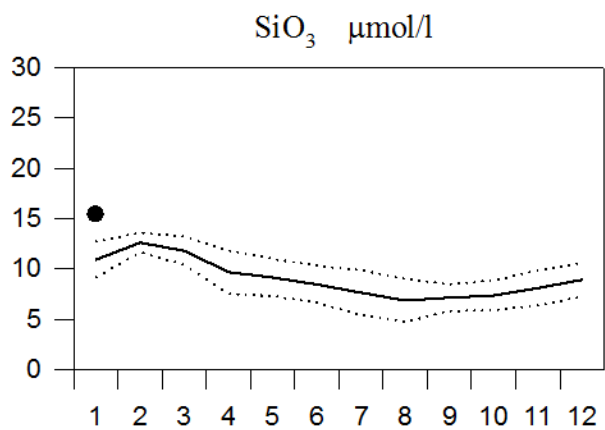
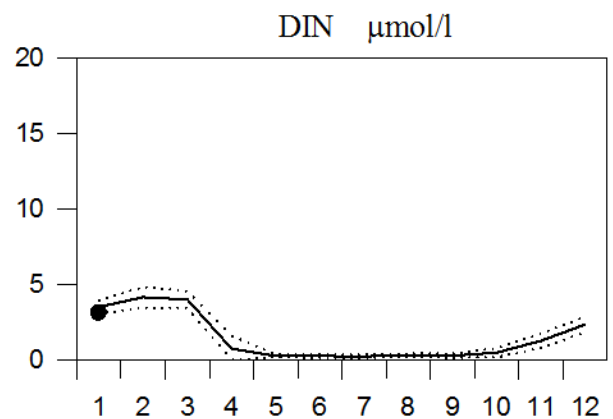
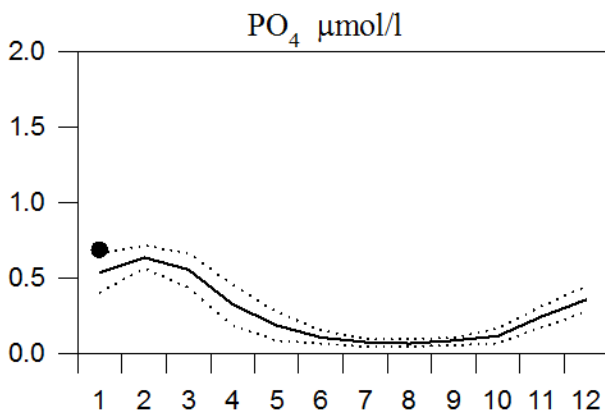
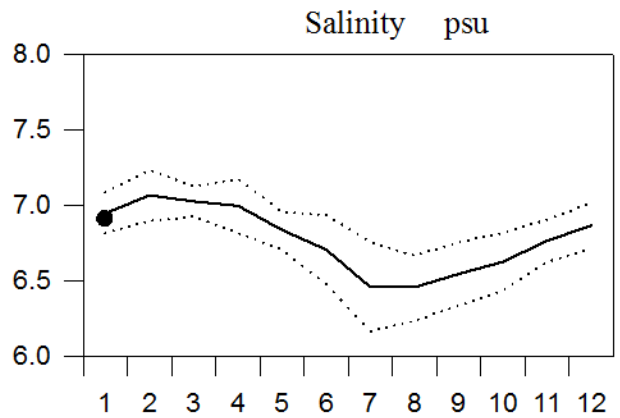
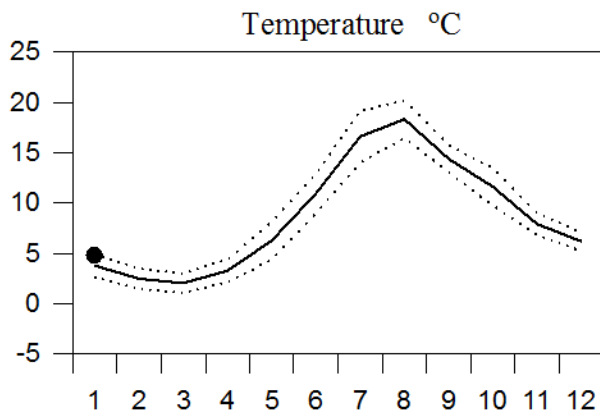
— Mean 1996-2010 St.Dev. ● 2015



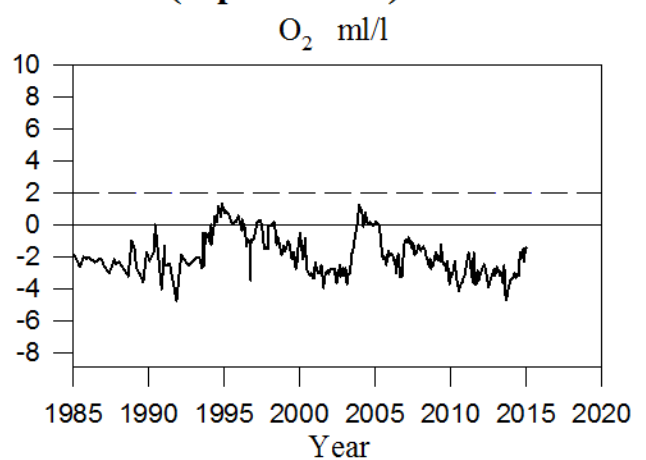
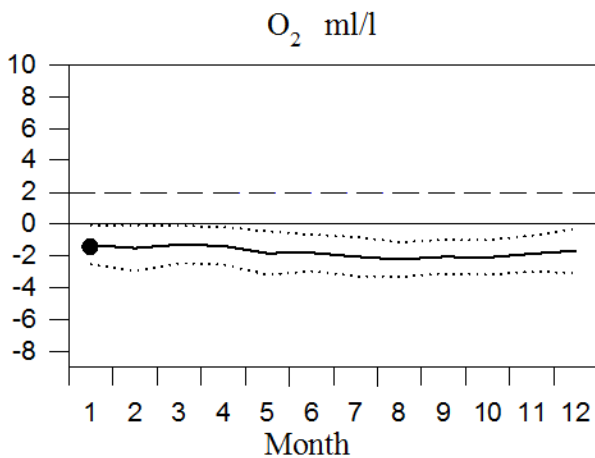
STATION BY20 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

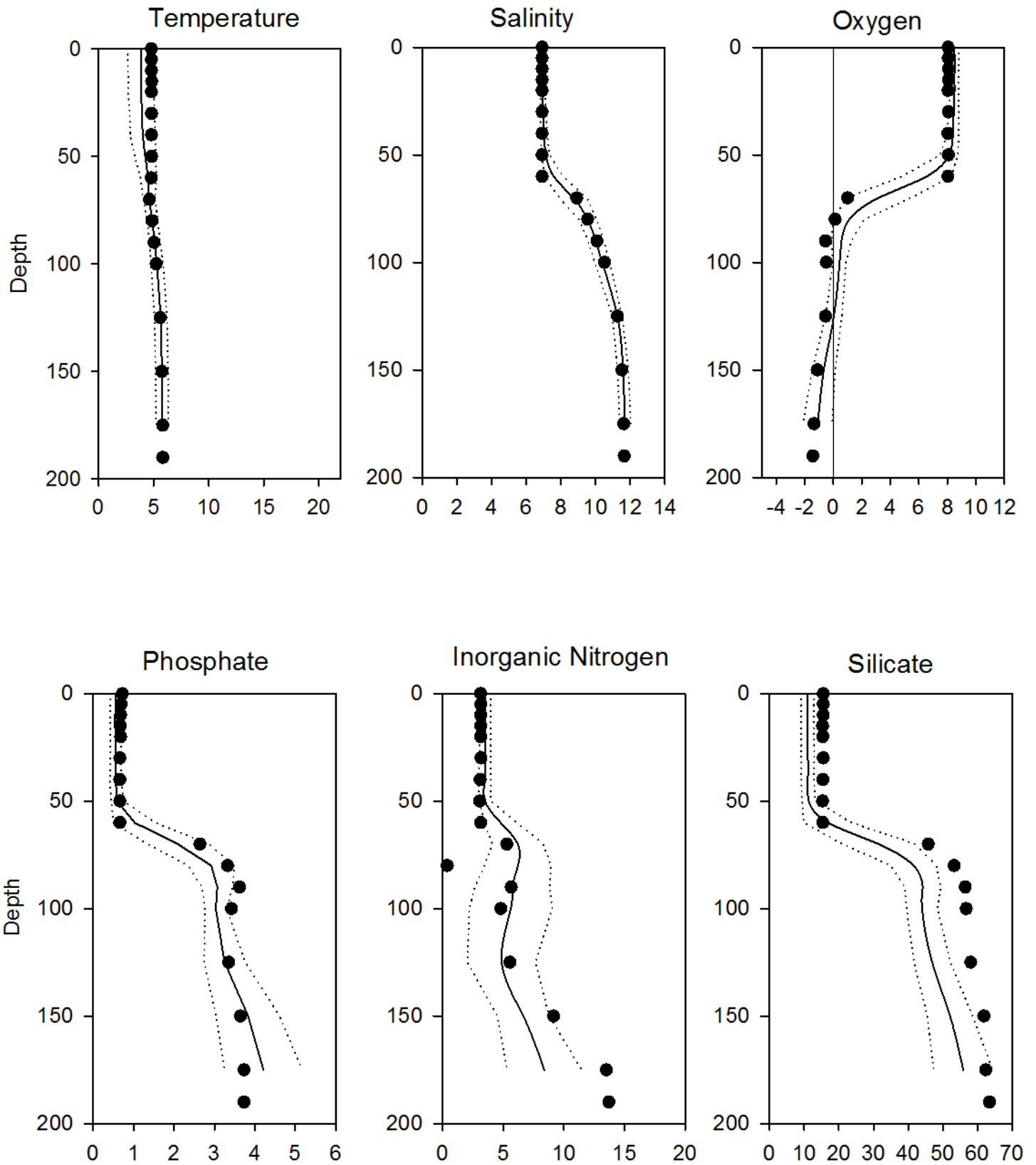


OXYGEN IN BOTTOM WATER (depth >175m)



Vertical profiles BY20 January

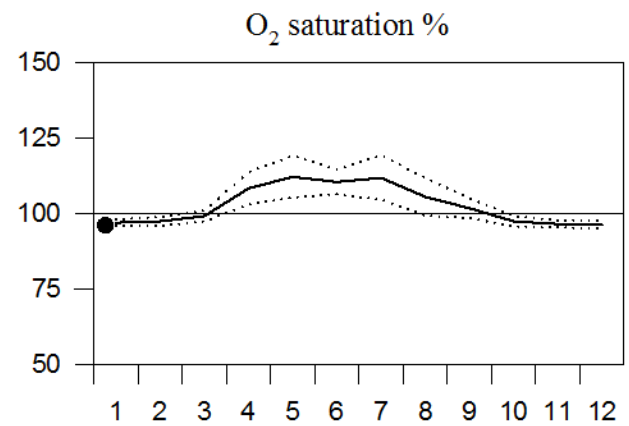
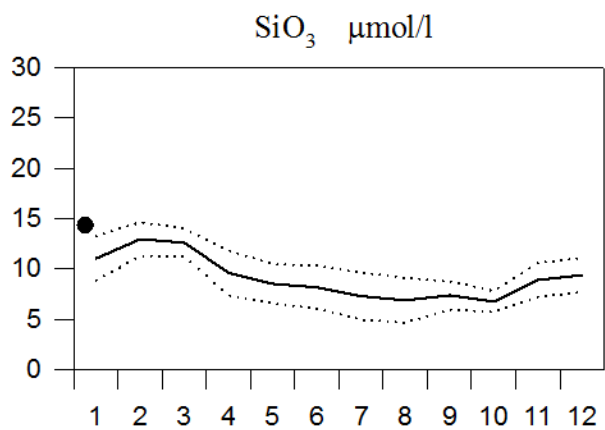
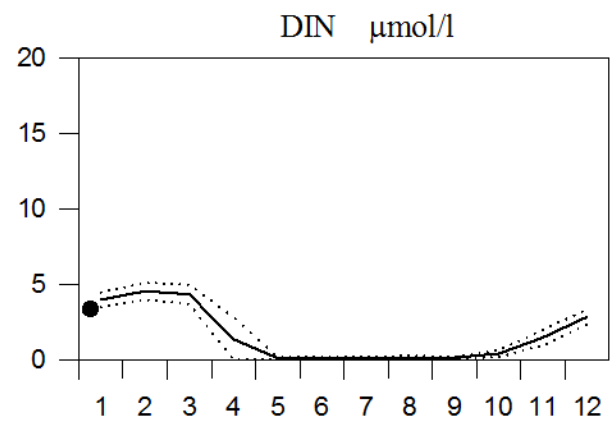
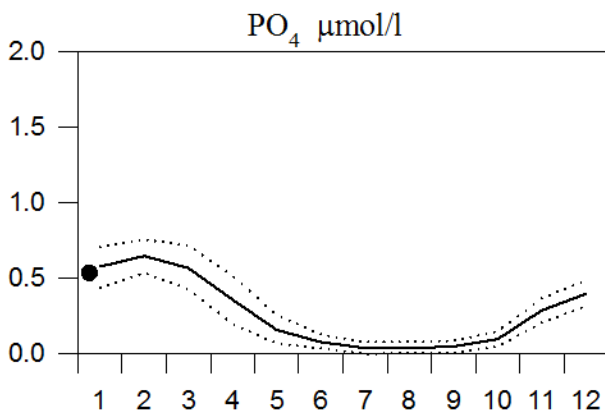
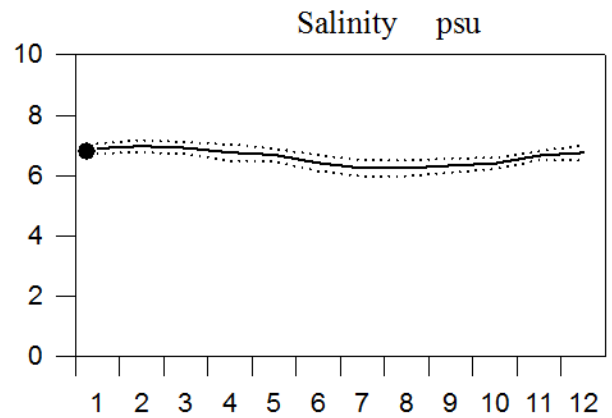
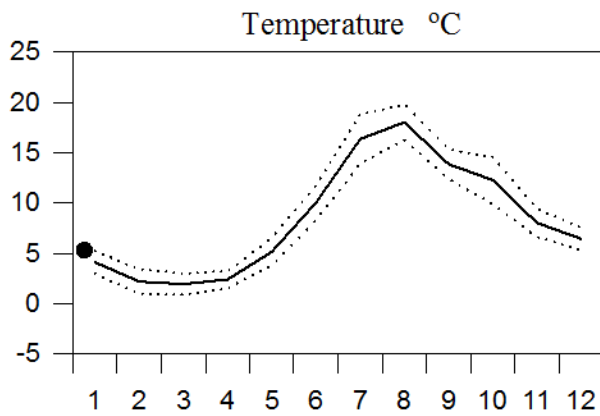
— Mean 1996-2010 St.Dev. ● 2015



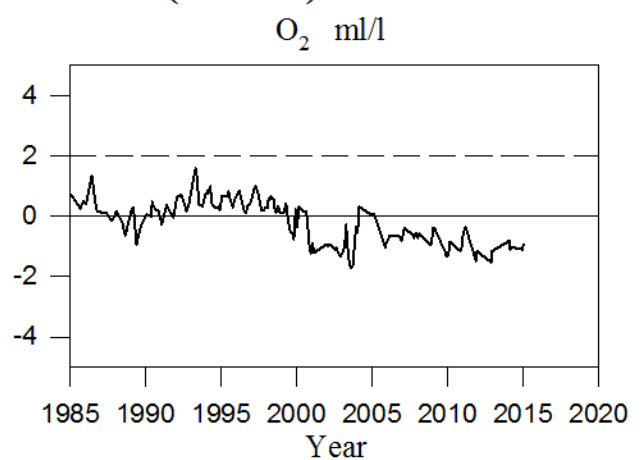
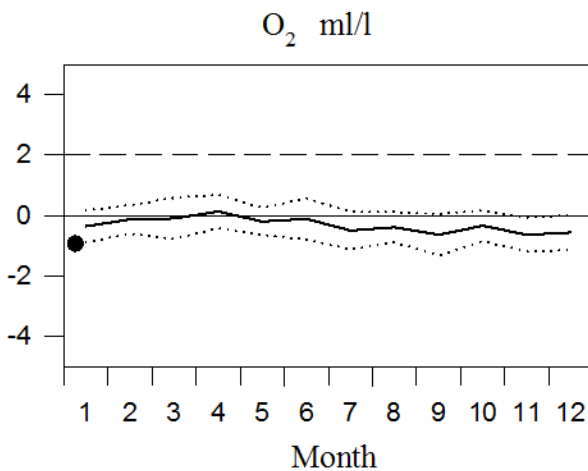
STATION BY29 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

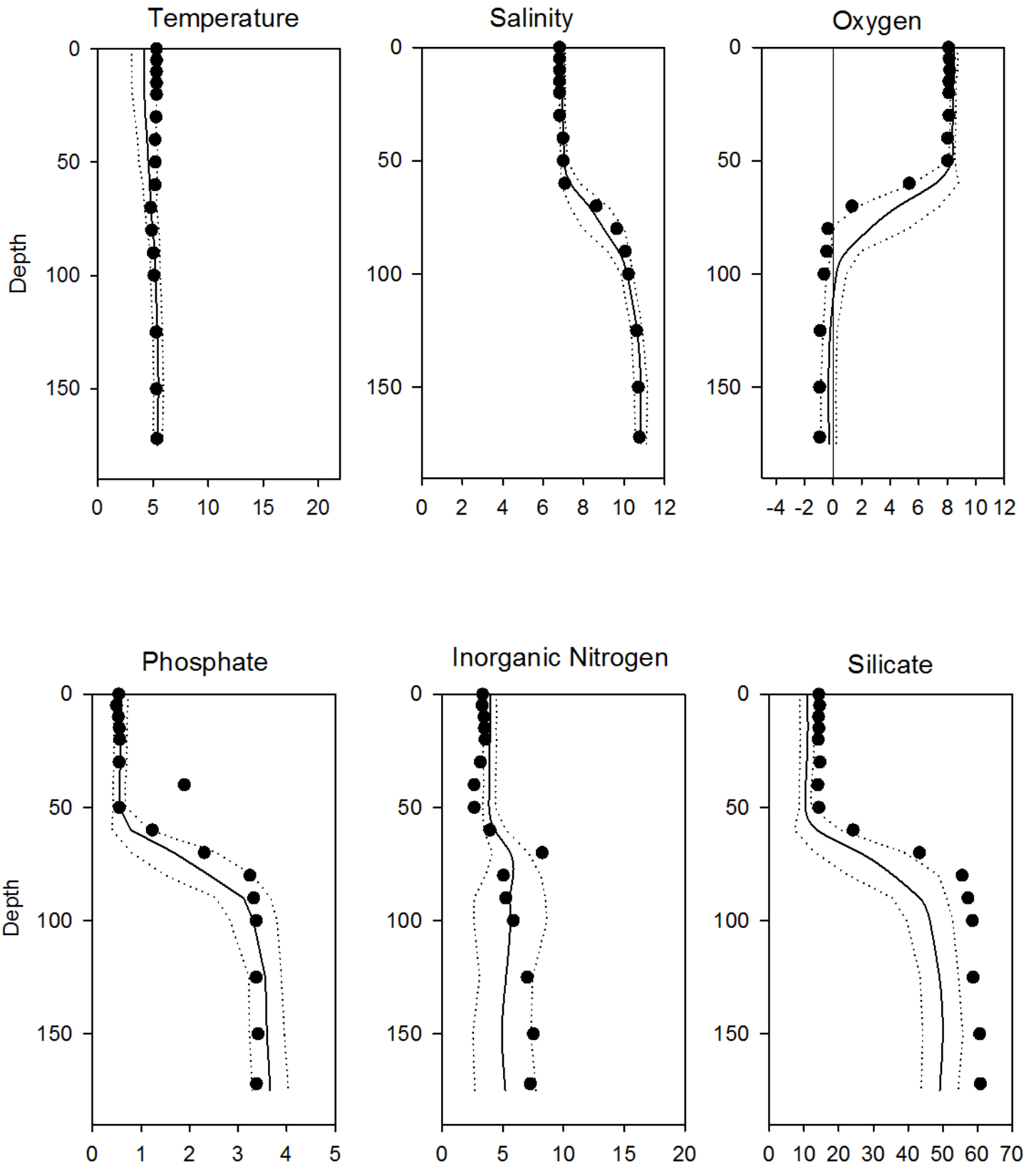


OXYGEN IN BOTTOM WATER (>=150m)



Vertical profiles BY29 January

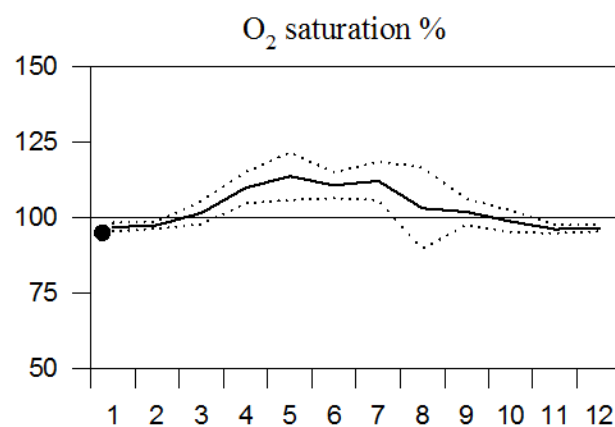
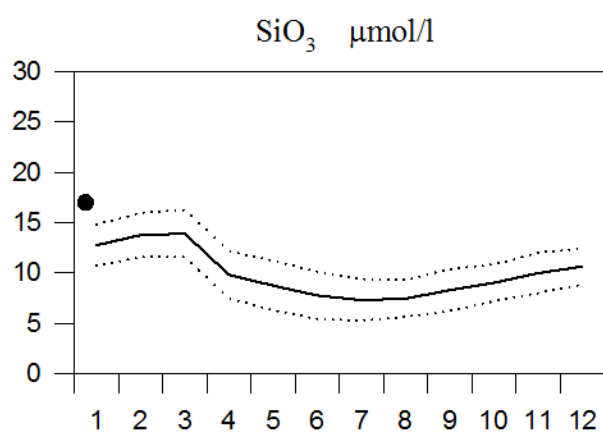
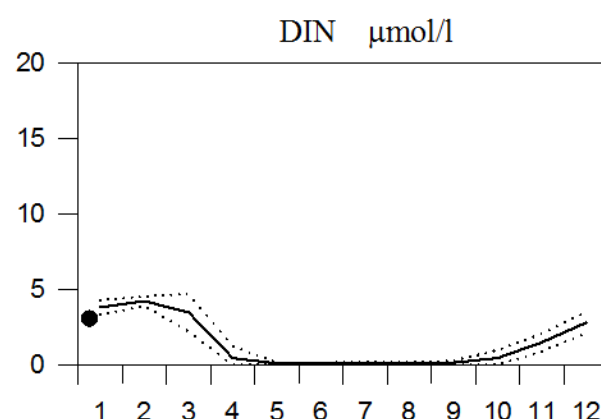
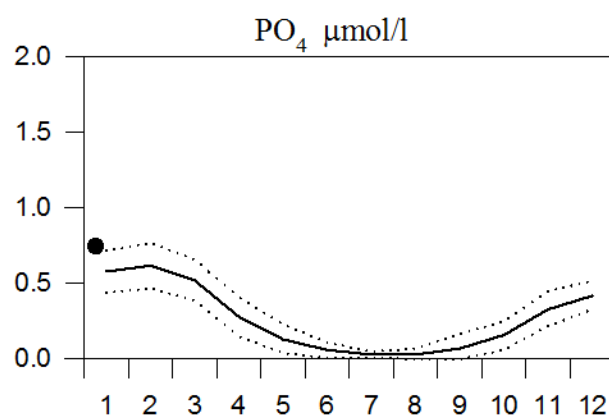
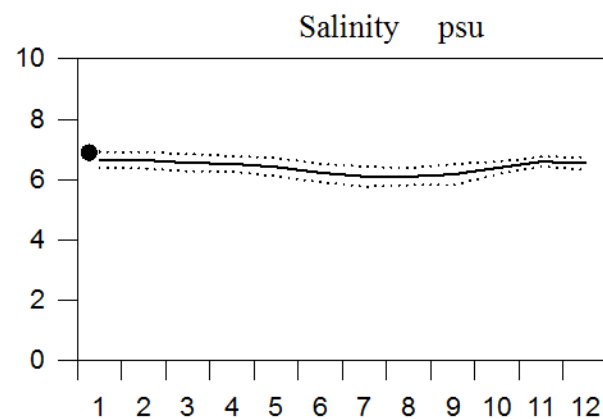
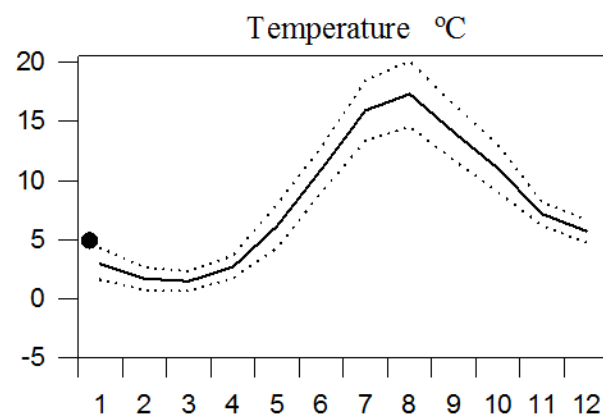
— Mean 1996-2010 St.Dev. ● 2015



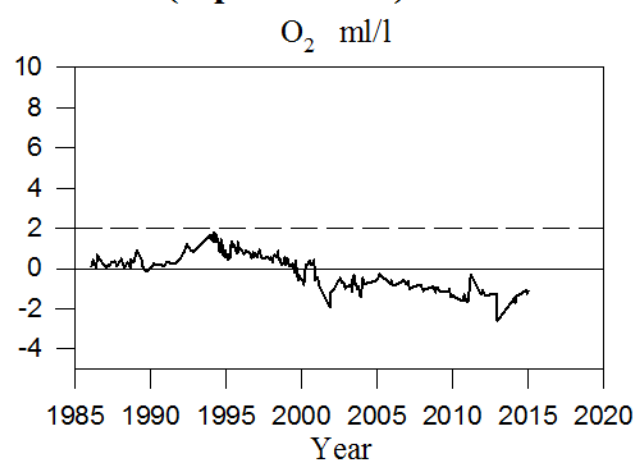
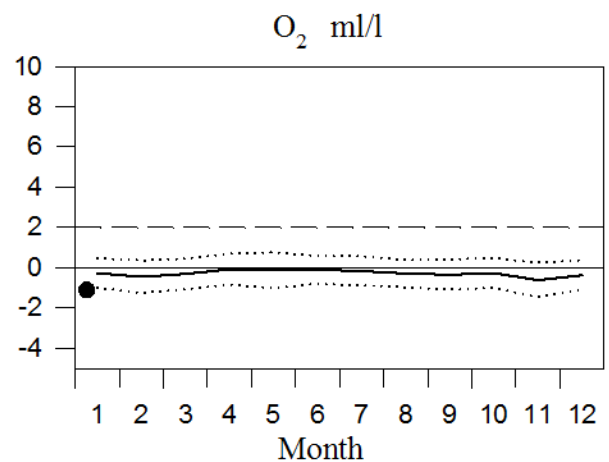
STATION BY31 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

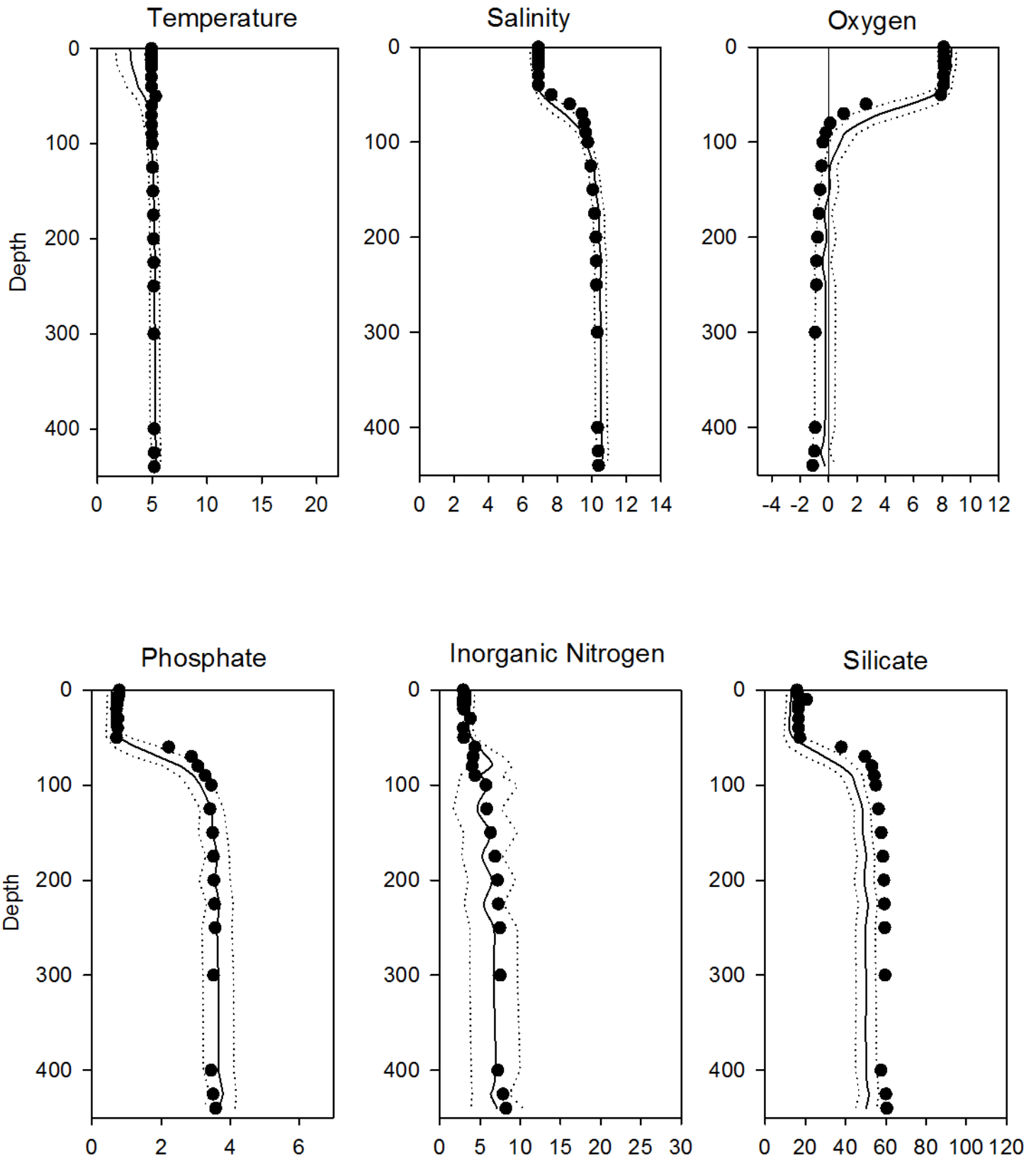


OXYGEN IN BOTTOM WATER (depth = 440m)



Vertical profiles BY31 January

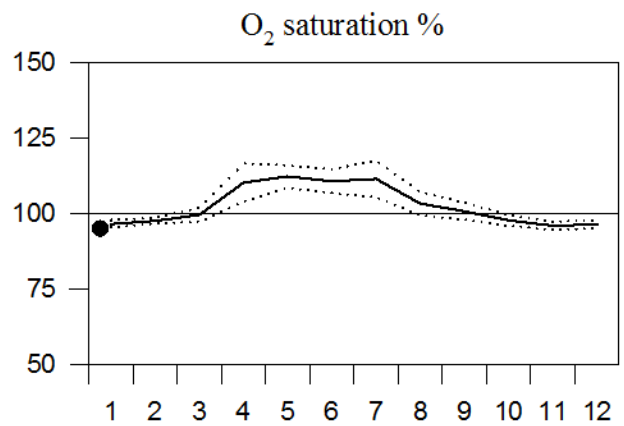
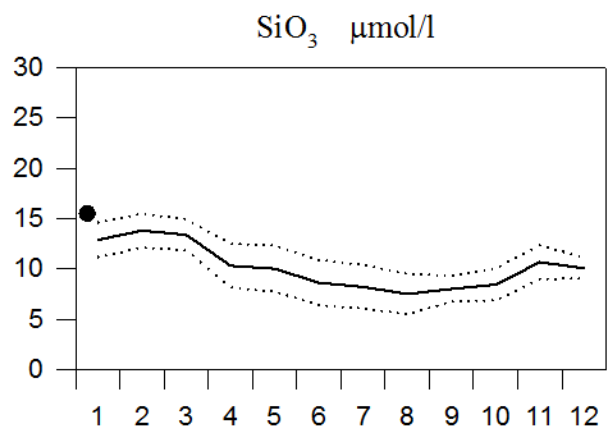
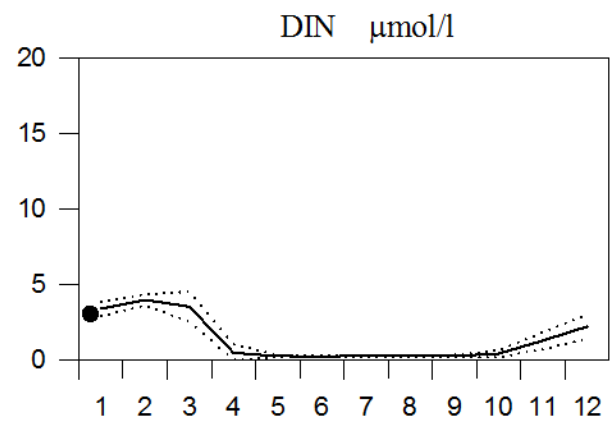
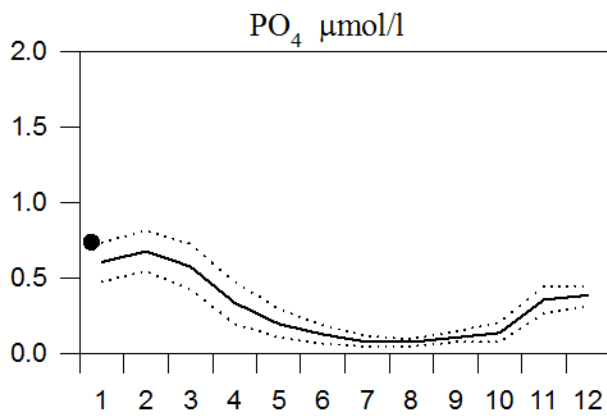
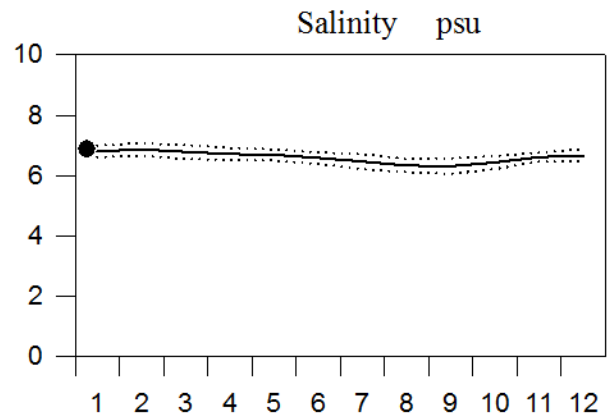
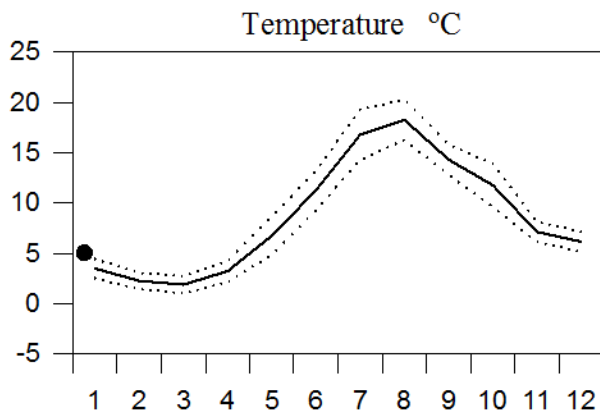
— Mean 1996-2010 St.Dev. ● 2015



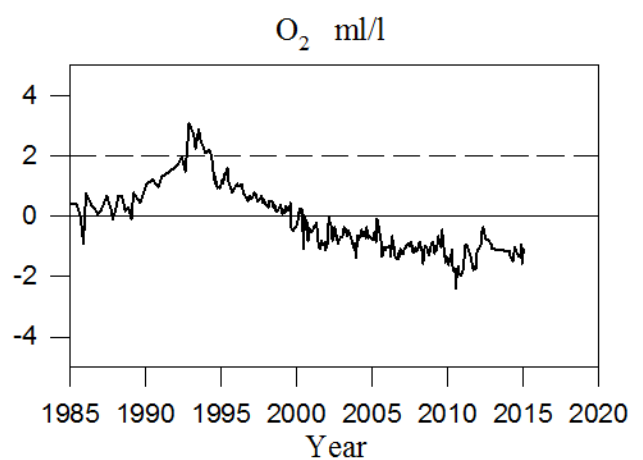
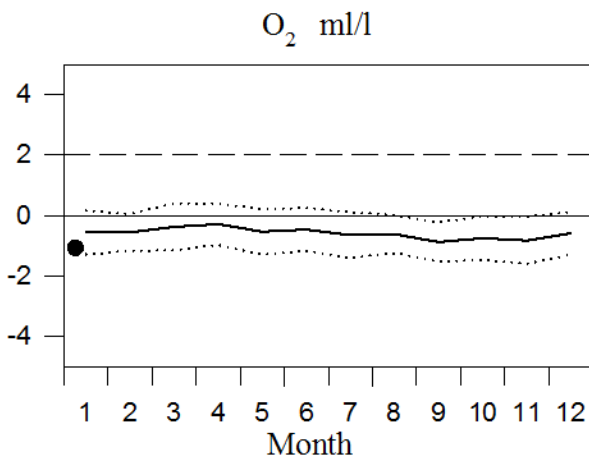
STATION BY32 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

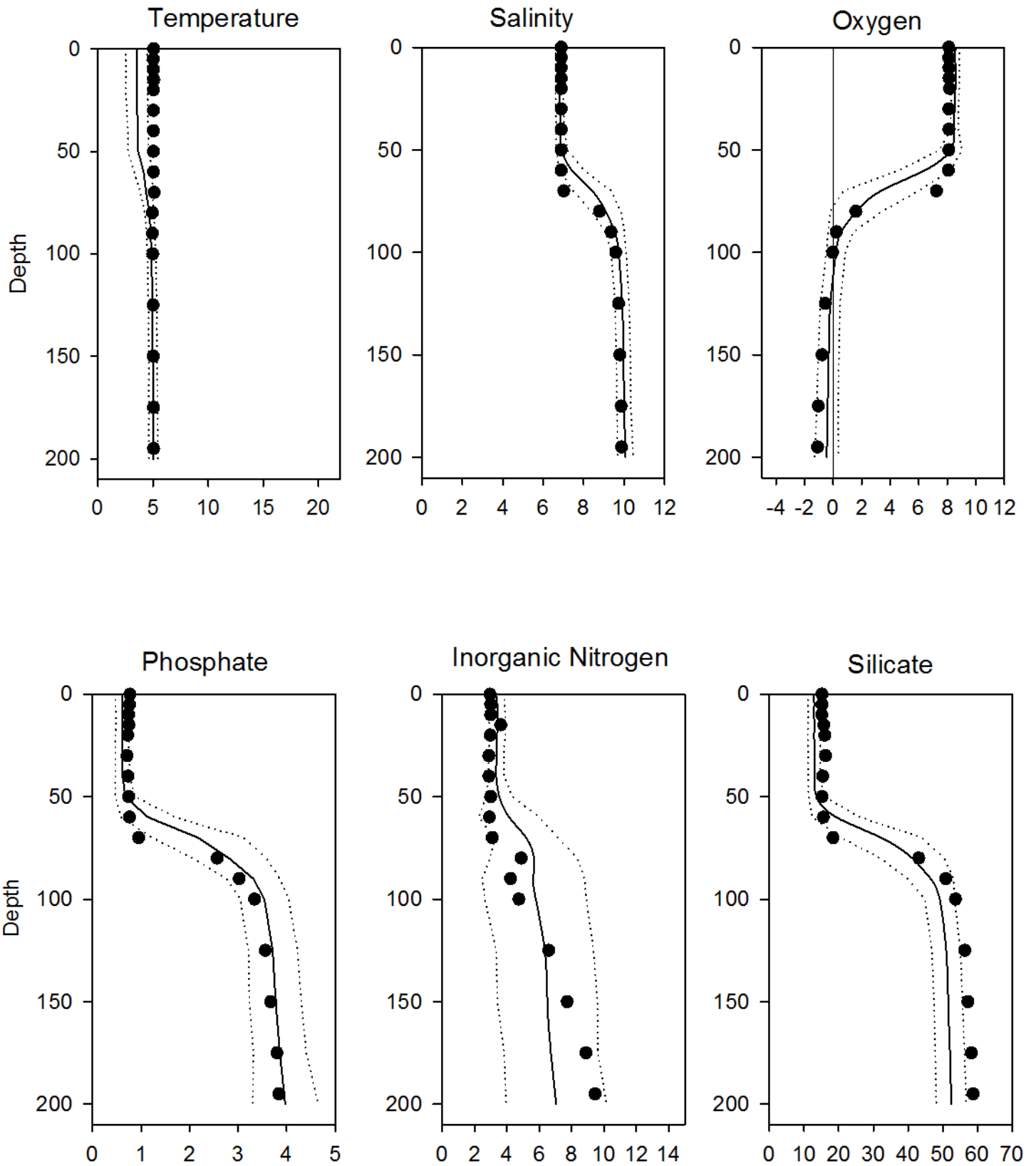


OXYGEN IN BOTTOM WATER (depth > 175m)



Vertical profiles BY32 January

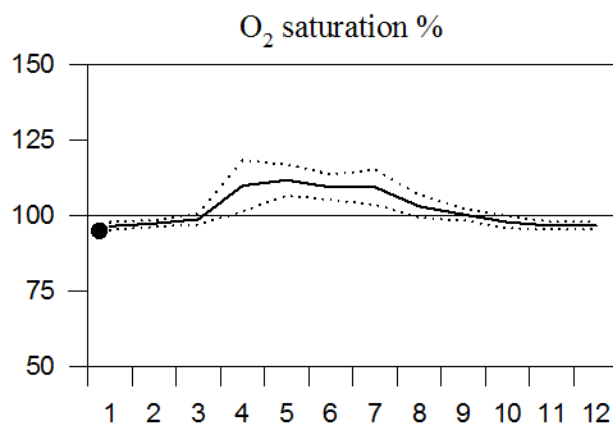
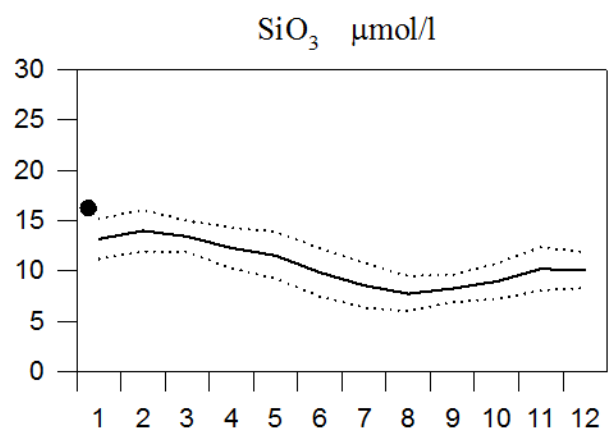
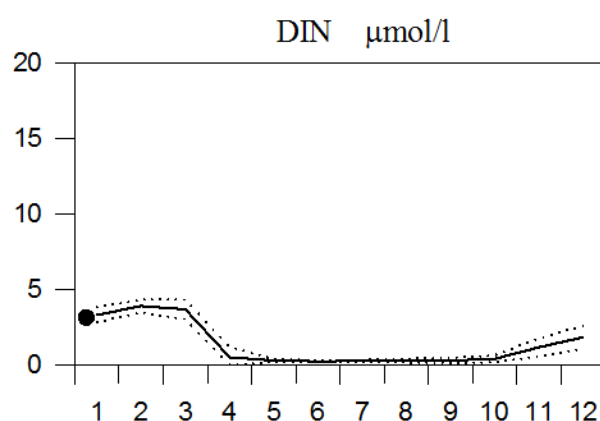
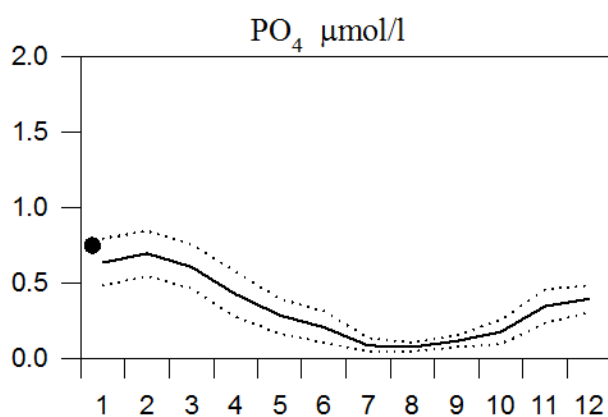
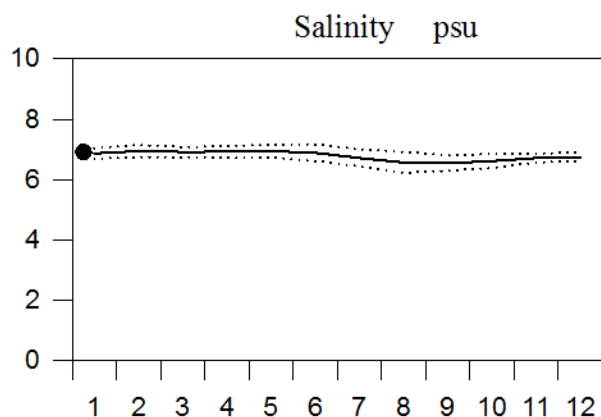
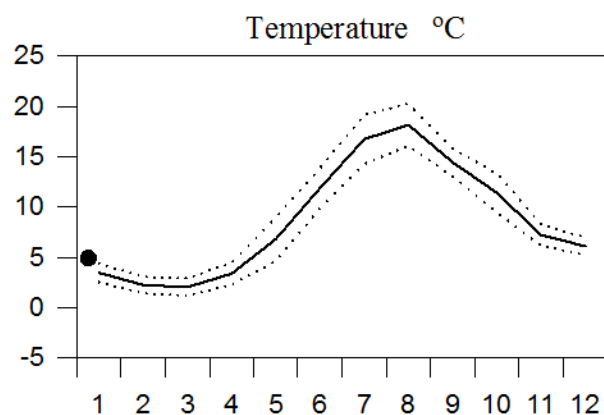
— Mean 1996-2010 St.Dev. ● 2015



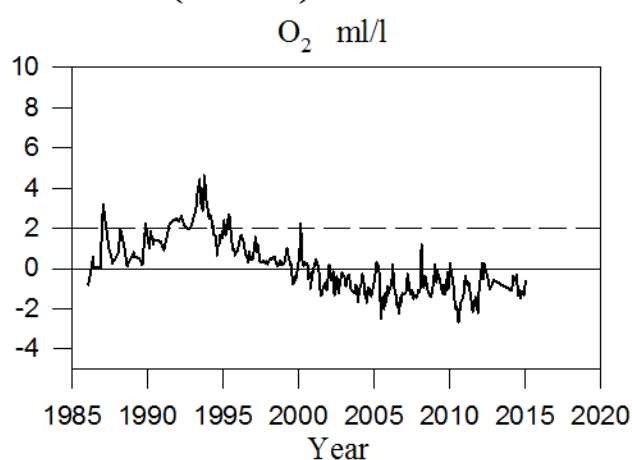
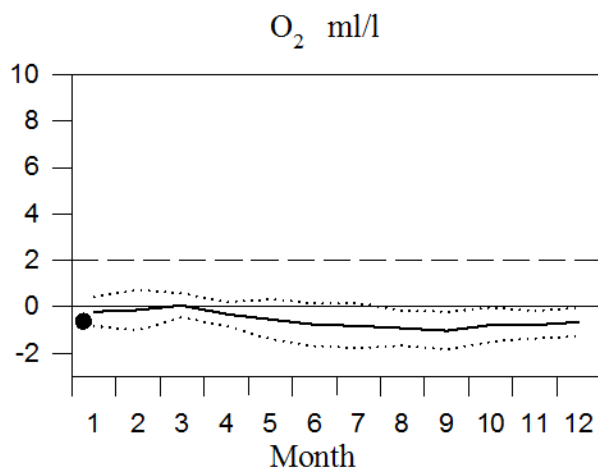
STATION BY38 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2015

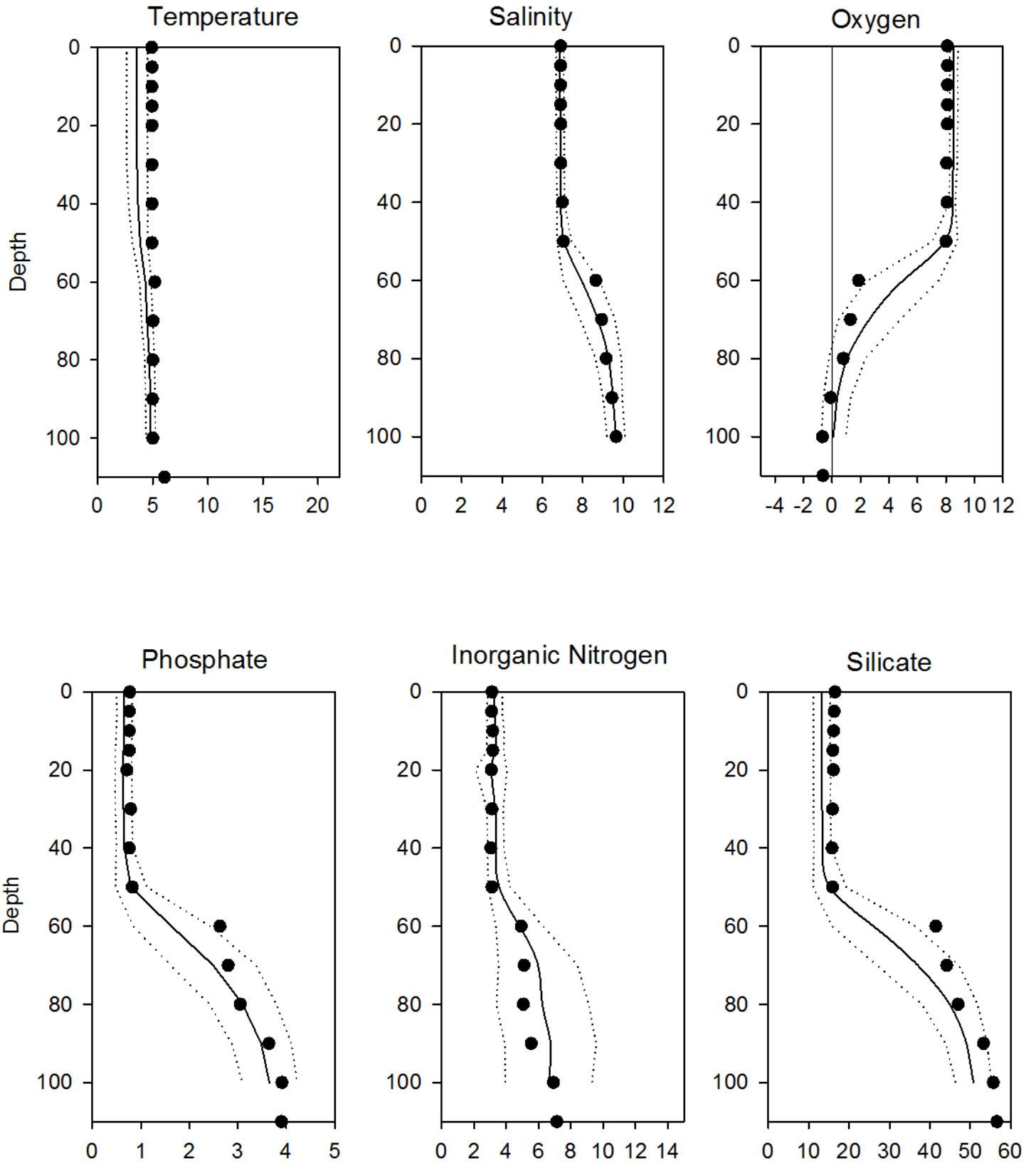


OXYGEN IN BOTTOM WATER (> 100m)



Vertical profiles BY38 January

— Mean 1996-2010 St.Dev. ● 2015



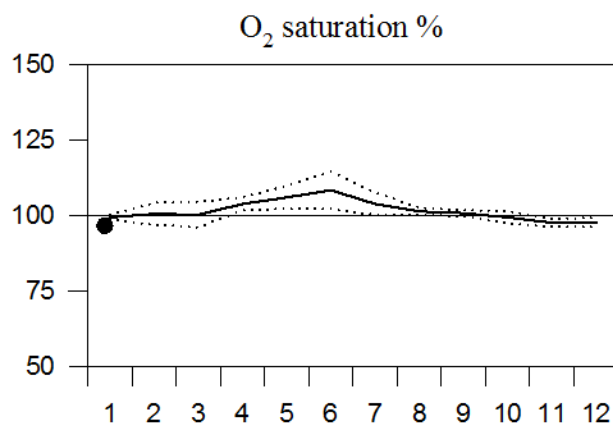
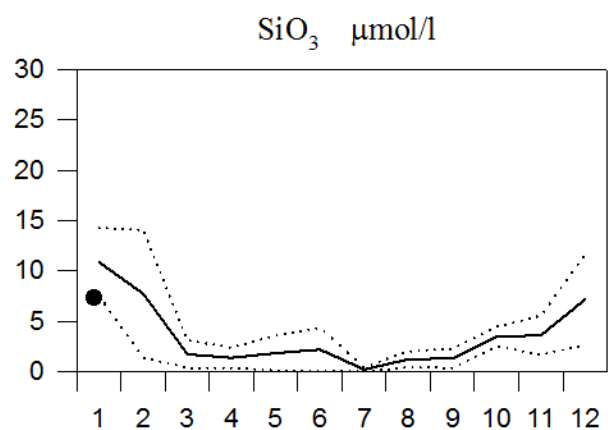
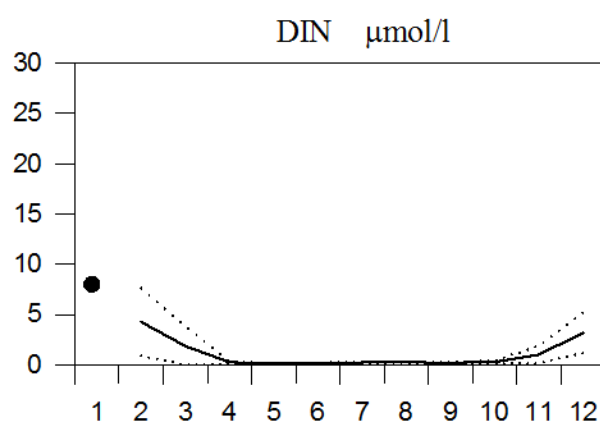
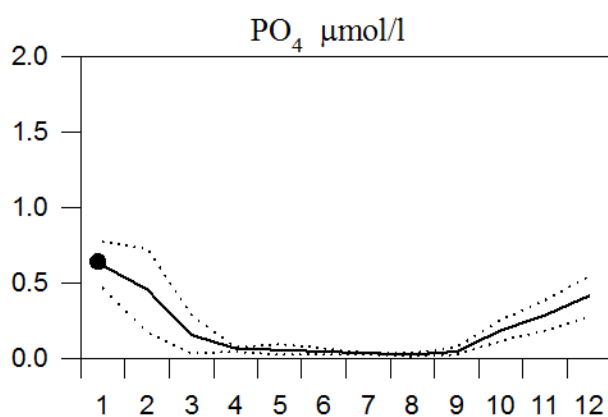
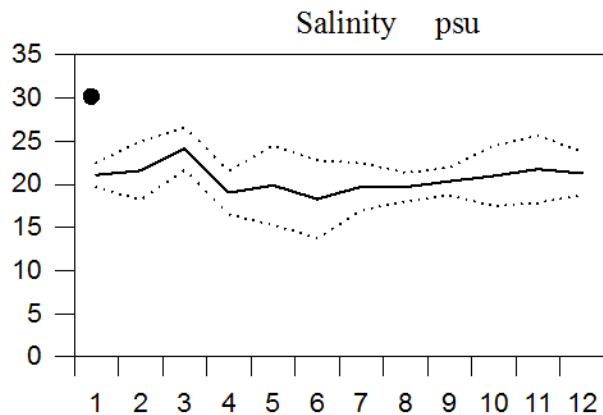
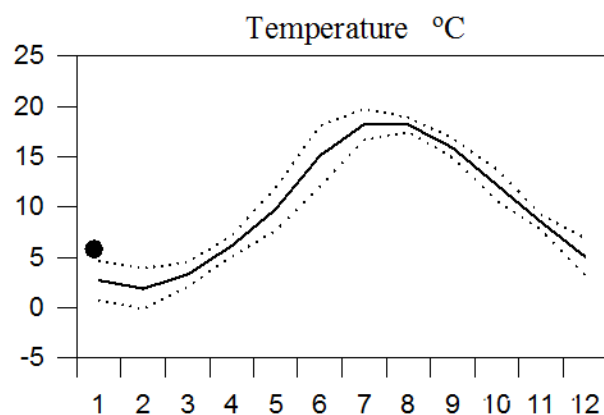
STATION N14 Falkenberg SURFACE WATER

Annual Cycles

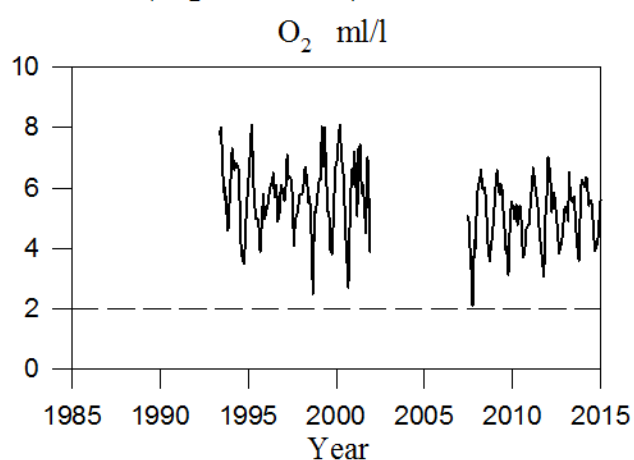
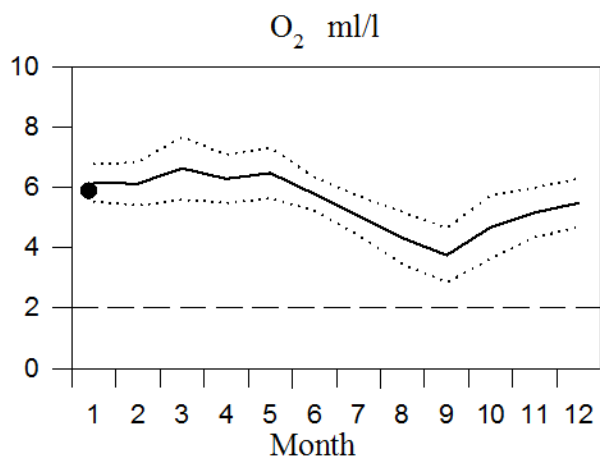
— Mean 2007-2010

..... St.Dev.

● 2015



OXYGEN IN BOTTOM WATER (depth > 25m)



Vertical profiles N14 Falkenberg January

— Mean 1996-2010

..... St.Dev.

● 2015

