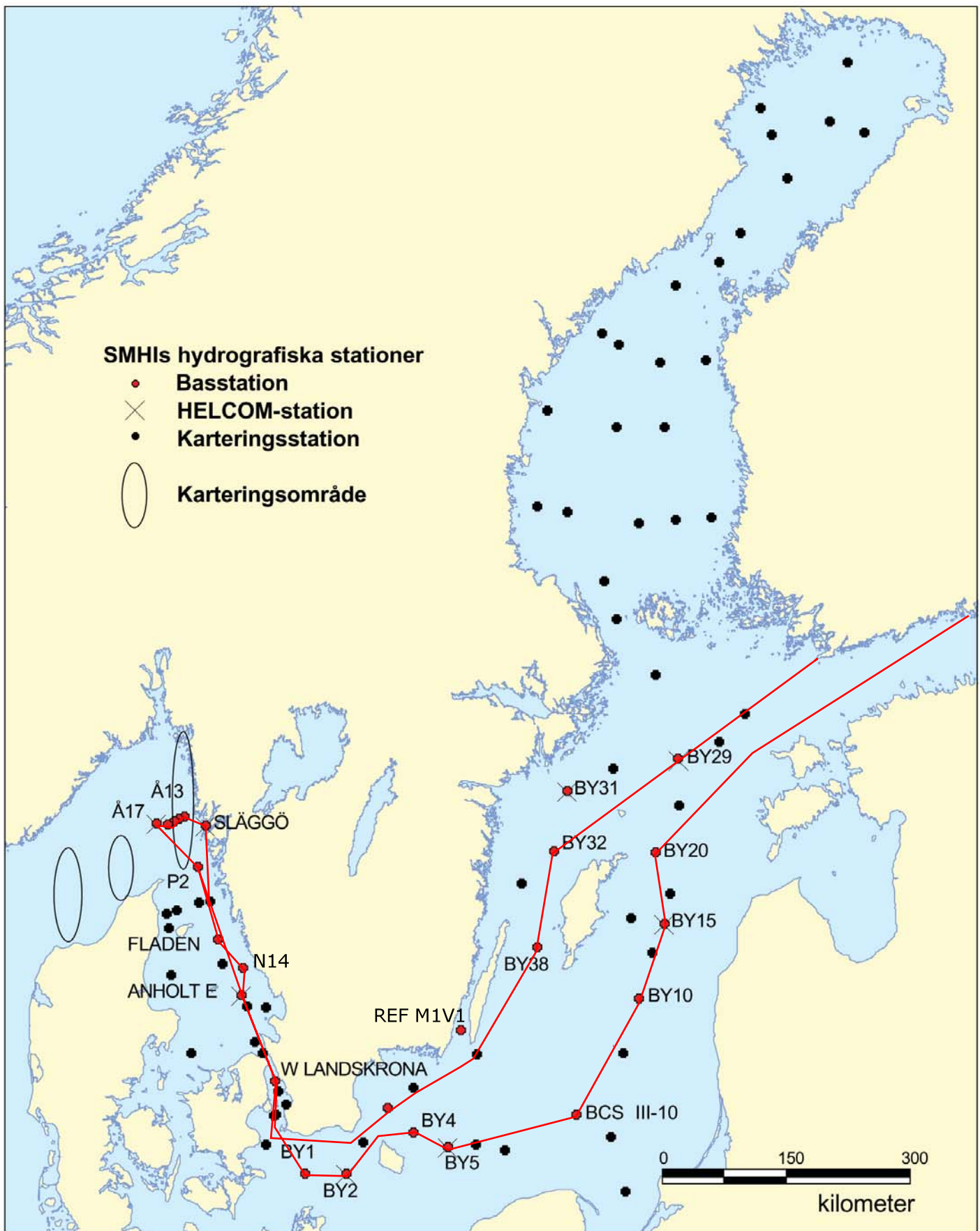


TRACKCHART

Country: Sweden
 Ship: R/V ARANDA
 Date: 20140901-20140907
 Series:



Date: 2014-09-07
Time: 12:33

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 PPCPZPT Hrhhoor Cilyooa tu PrP l	No de	T e a m l p i n	S h y g	P 0 2 P P	O H 4 P P	H 2 S N	T 0 4 T N	N 0 3 4 N	N 0 3 4 N	N 0 3 4 N	T A S H L P O L I O O C C m	S H L P O L I O O C C m	L I U I O O C C m	P M O C C m	T C C m	O C C m
0552	BPEX26BAS	BY20	FÄRÖDJ	N5800	E1953	20140902	0552	191	7	04 2	15.0	1023	1120	x -x-x--	17	x x	- x x	- x x	x x	x x	x x	x x	x x	x x	- x	- x	- -	- -	- -	- x
0553	BPEX21BAS	BY15	GOTLANDSDJ	N5720	E2003	20140902	0950	239	8	00 0	17.9	1024	1320	x -xxxx--	19	x x	- x x	x x	x x	x x	x x	x x	x x	- x	- x	- -	- -	- -	- x	
0554	BPEX21BAS	BY15	GOTLANDSDJ	N5720	E2003	20140902	1120	239	8	05 1	17.0	1025	1420	x -----	6	x x	- x x	x x	x x	x x	x x	- x	- x	- -	- -	- -	- -	- x		
0555	BPEX13BAS	BY10		N5638	E1935	20140902	1605	144	7	03 4	15.8	1025	1120	x -x-x--	15	x x	- x	- x	x x	x x	x x	- x	- x	- -	- -	- -	- -	- x		
0556	BPSE00BAS	BY9 W		N5607.20	E1901.00	20140902	1955	128		05 5	15.6	1026	9990	x -----	14	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- x		
0557	BPSE11BAS	BCS III-10		N5533.3	E1824	20140903	0010	90		06 5	15.7	1027	9990	x -x-x--	12	x x	- x	- x	x x	x x	x x	- x	- x	- -	- -	- -	- -	- x		
0558	BPSE08BAS	STOLPE TRÖSKEL		N5516.5	E1631	20140903	0655	65		05 5	15.7	1028	1230	x -----	9	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- x		
0559	BPSB07BAS	BY5	BORNHOLMSDJ	N5515	E1559	20140903	0905	90	8	07 6	15.8	1029	1130	x -xxxx--	12	x x	- x	- x	x x	x x	x x	x x	- x	- x	- -	- -	- -	- x		
0560	BPSB06BAS	BY4	CHRISTIANSÖ	N5523	E1520	20140903	1240	91	9	08 5	16.0	1028	1120	x -x-x----	12	x x	- x	- x	x x	x x	x x	- x	- x	- -	- -	- -	- -	- -		
0561	BPSA03BAS	BY2	ARKONA	N5500	E1405	20140903	1840	47		08 6	16.3	1027	1130	x -xxxx--	8	x x	- x	- x	x x	x x	x x	- x	- x	- -	- -	- -	- -	- x		
0562	BPSA02BAS	BY1		N5500	E1318	20140903	2216	46		09 7	16.2	1027	9990	x -x-x----	8	x x	- x	- x	x x	x x	x x	- x	- x	- -	- -	- -	- -	- x		
0563	SOCX39BAS	W LANDSKRONA		N5552.0	E1245.0	20140904	0415	49		08 5	13.0	1027	1130	x -x-x----	9	x x	- x	- x	x x	x x	x x	- x	- x	- -	- -	- -	- -	- x		
0564	KAEX29BAS	ANHOLT E		N5640.0	E1207.0	20140904	0935	63	8	11 5	15.4	1027	1130	x -xxxx--	10	x x	- x	- x	x x	x x	x x	- x	- x	- -	- -	- -	- -	- x		
0565	KANX50BAS	N14 FALKENBERG		N5656.40	E1212.70	20140904	1205	32	7	16 6	16.9	1027	1130	x -xxxx--	7	x x	- x	- x	x x	x x	x x	- x	- x	- -	- -	- -	- -	- x		
0566	KANX25BAS	FLADEN		N5711.5	E1140	20140904	1455	86	8	17 4	17.1	1025	0030	x -x-x----	12	x x	- x	- x	x x	x x	x x	- x	- x	- -	- -	- -	- -	- x		
0567	SKEX23BAS	P2		N5752	E1118	20140904	1915	92		16 4	16.7	1024	9990	x -x-x----	10	x x	- x	- x	x x	x x	x x	- x	- x	- -	- -	- -	- -	- x		
0568	SKEX18BAS	Å17		N5816.5	E1030.8	201409																								

Bottom water oxygen concentration (ml/l)

Country: Finland

Ship : Aranda

Date : 20140902-20140907

Series : 0552-0577



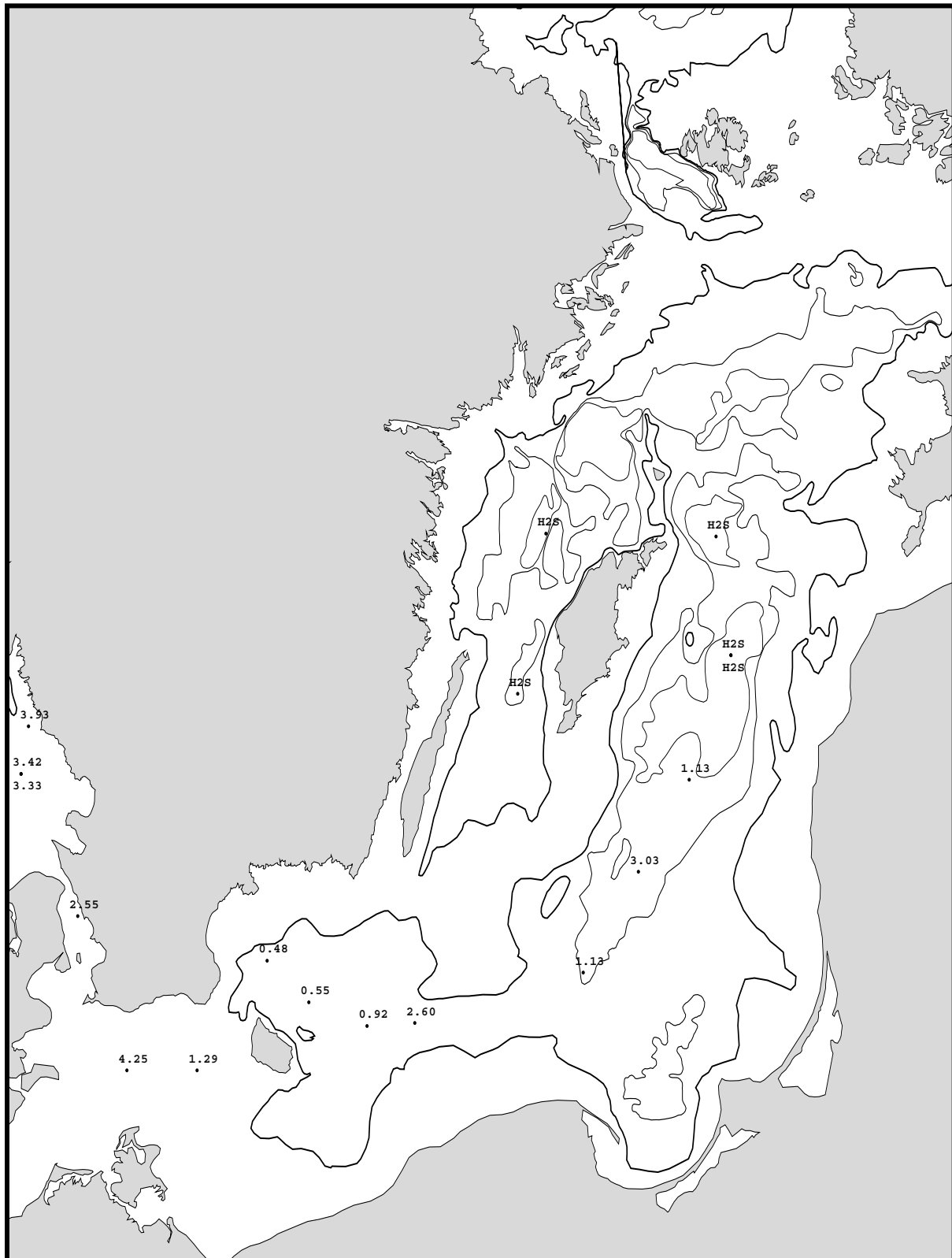
Bottom water oxygen concentration (ml/l)

Country: Finland

Ship : Aranda

Date : 20140902-20140907

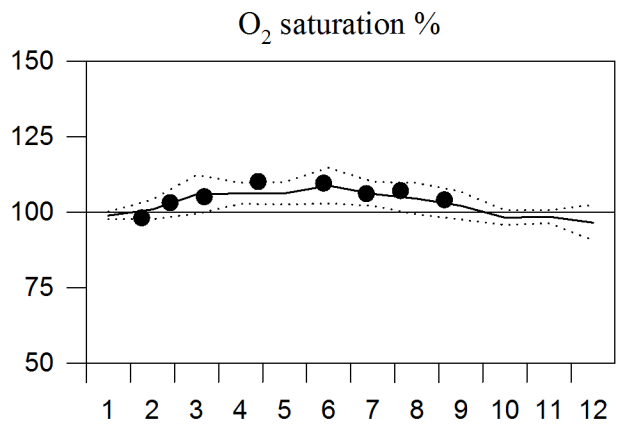
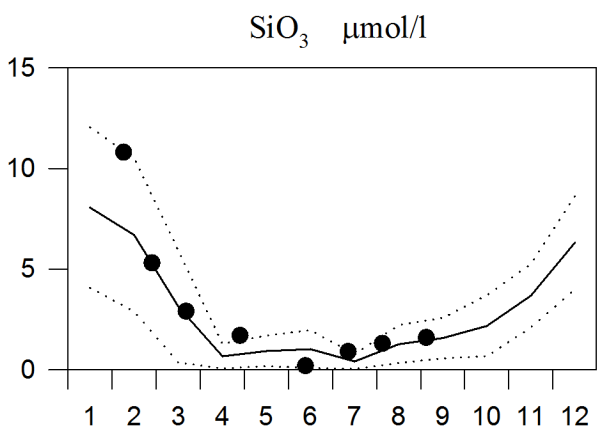
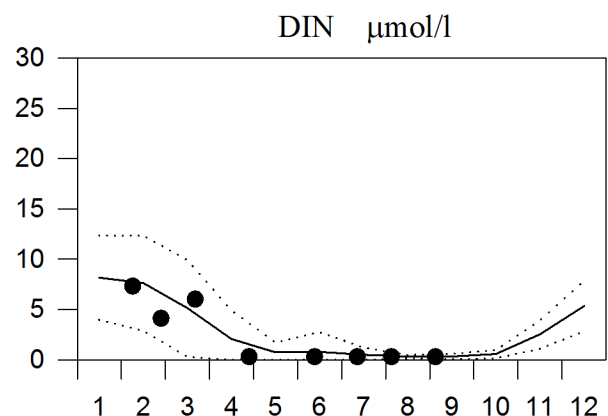
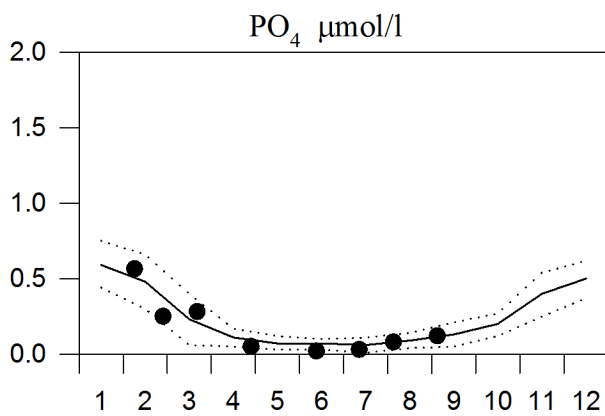
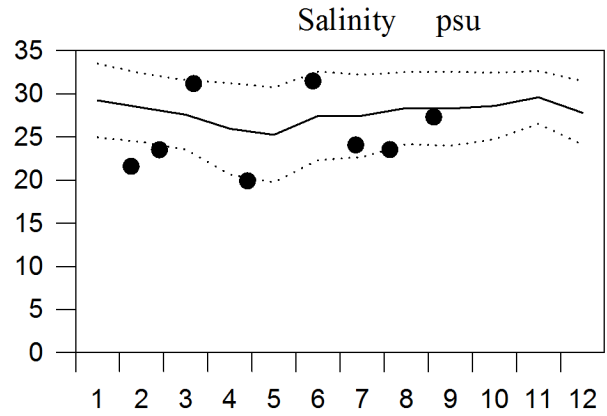
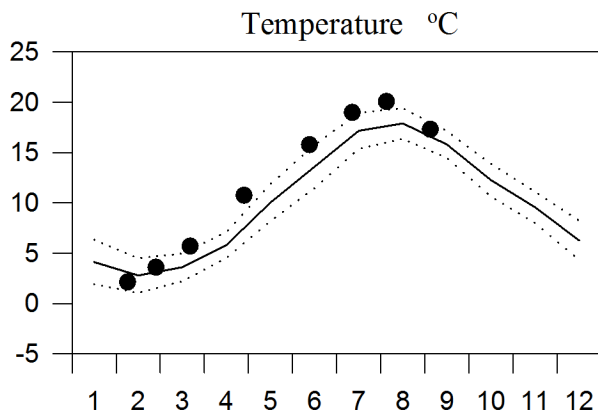
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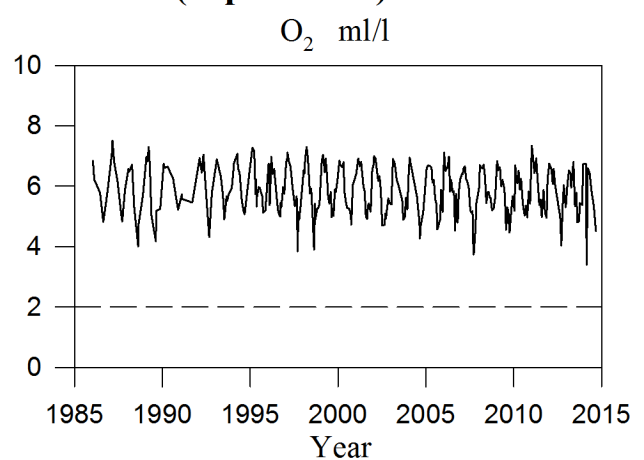
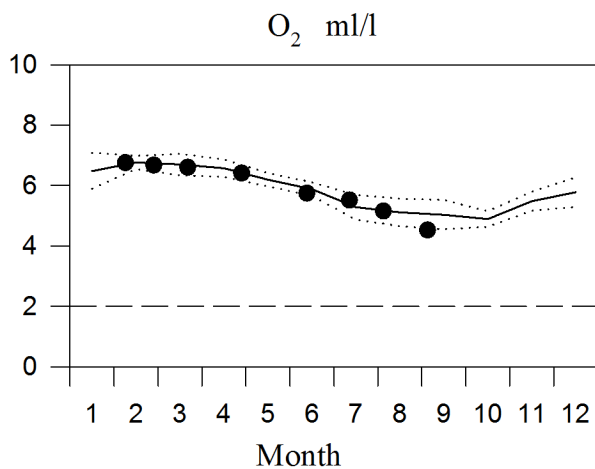
STATION P2 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

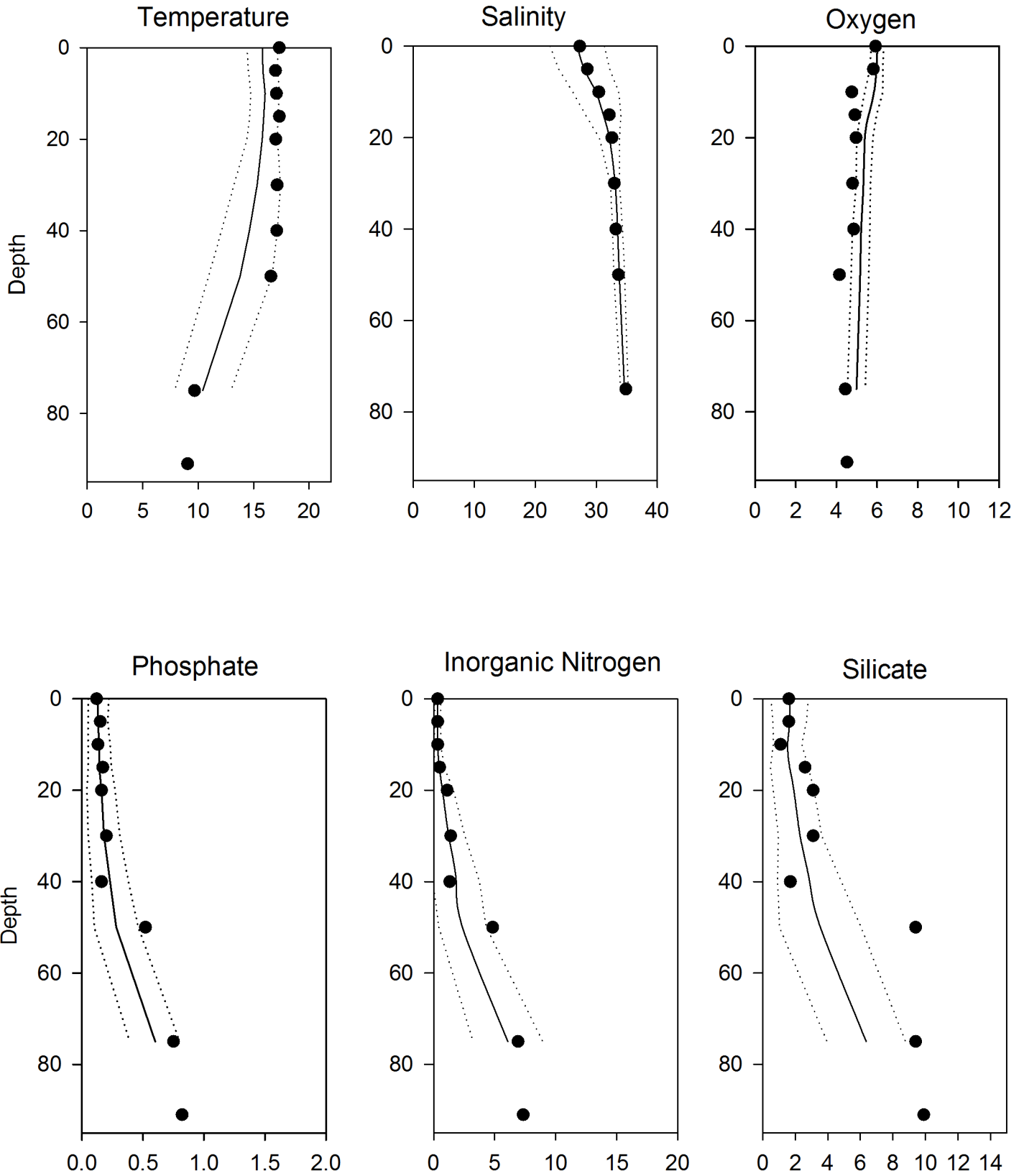


OXYGEN IN BOTTOM WATER (depth >75m)



Vertical profiles P2 September

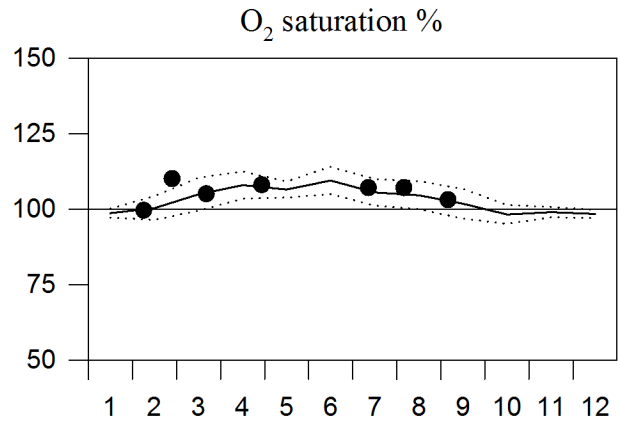
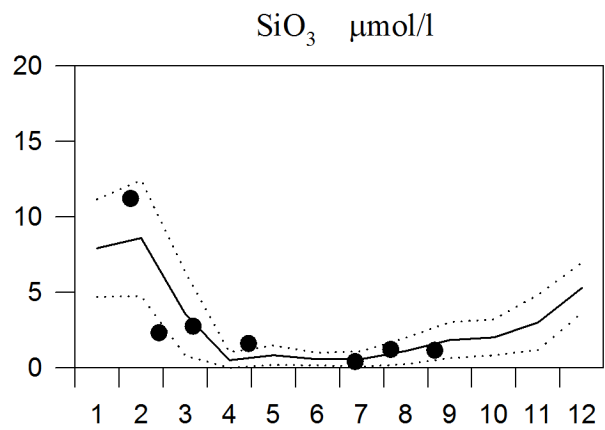
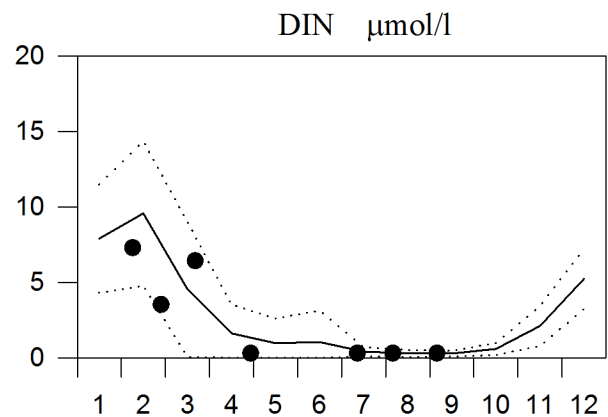
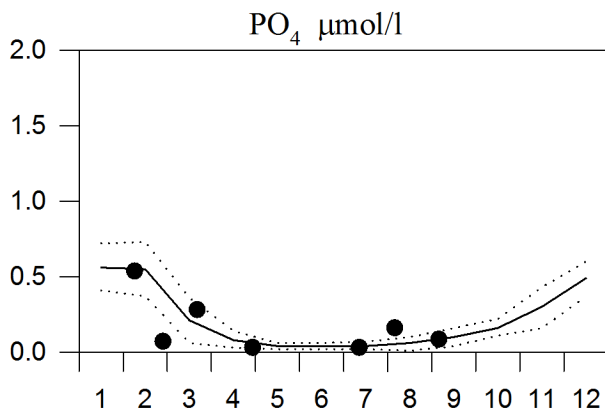
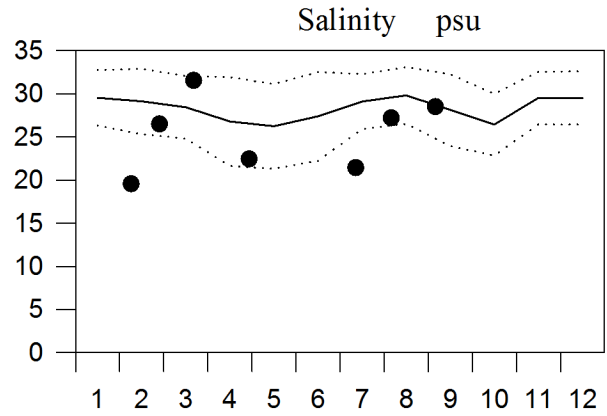
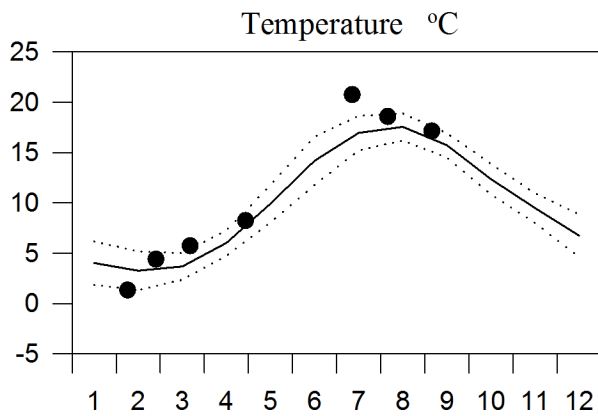
— Mean 1996-2010 St.Dev. ● 2014



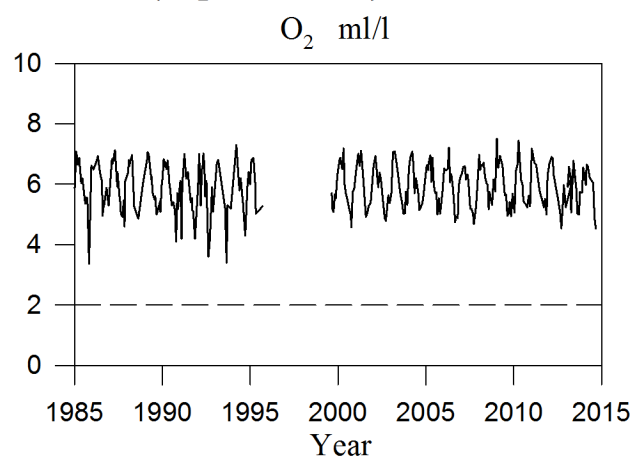
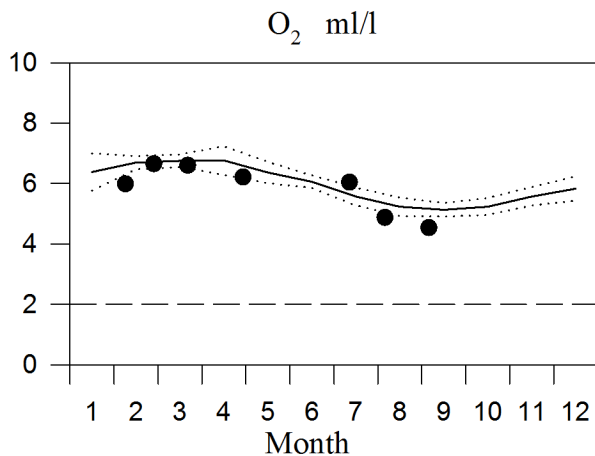
STATION Å13 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

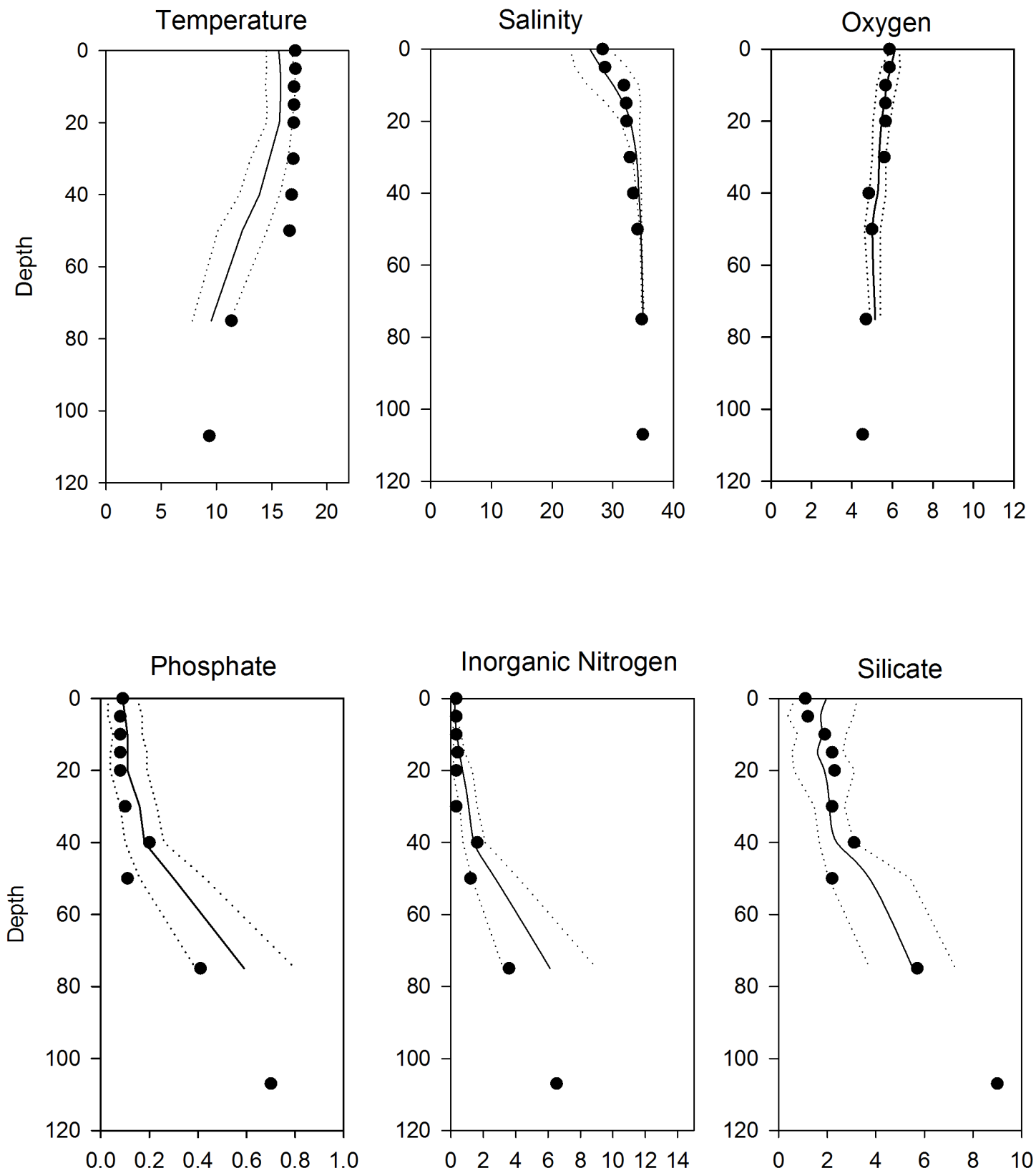


OXYGEN IN BOTTOM WATER (depth >=75m)



Vertical profiles A13 September

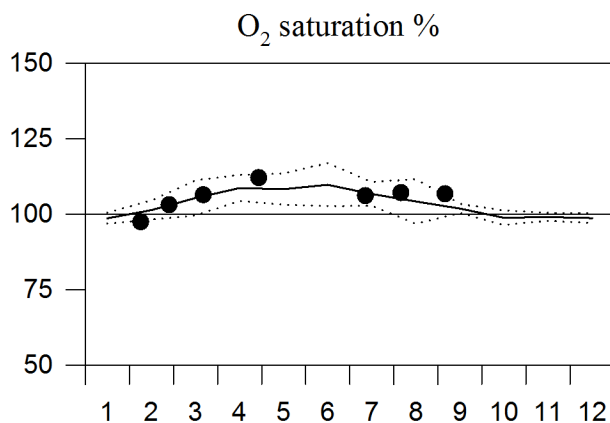
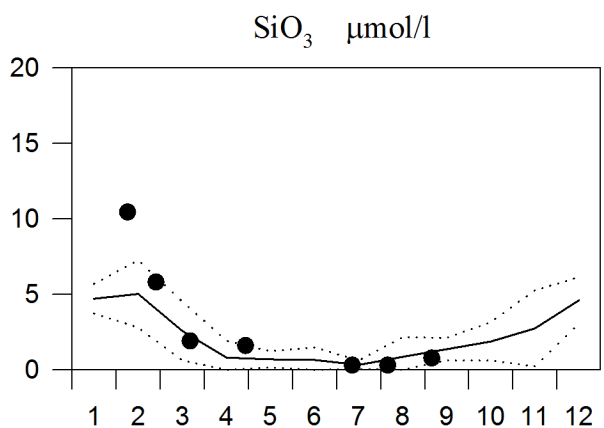
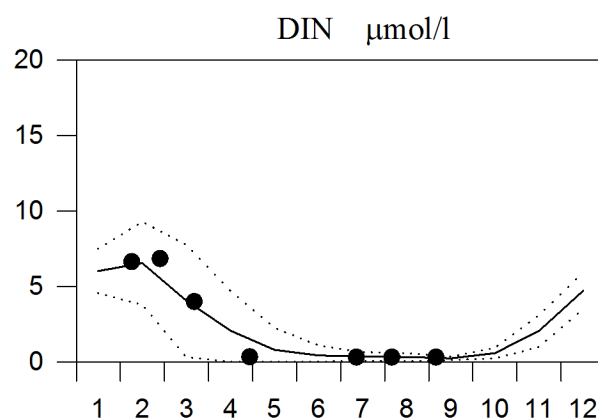
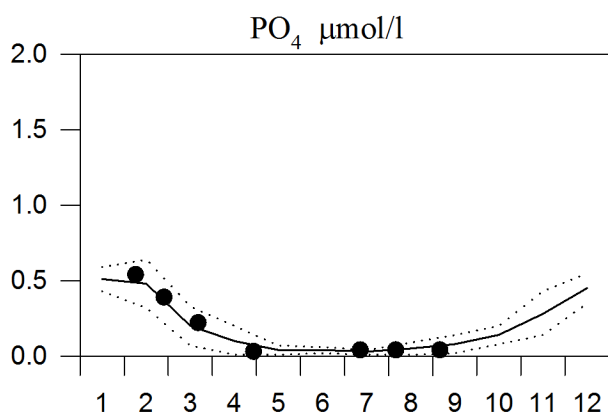
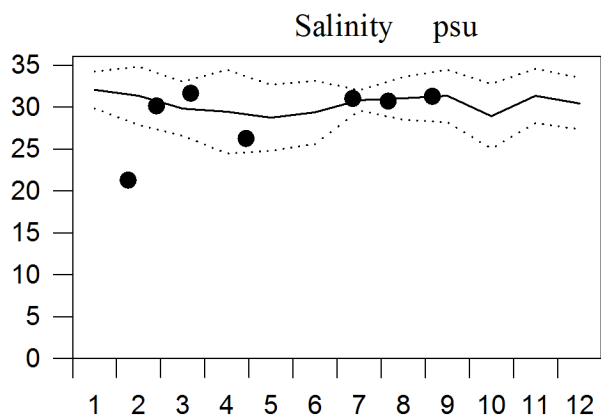
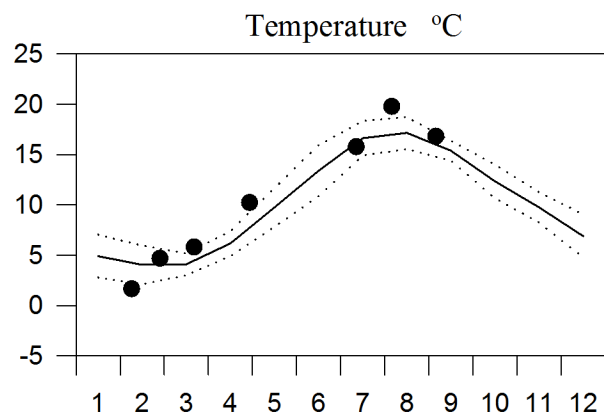
— Mean 1996-2010 St.Dev. ● 2014



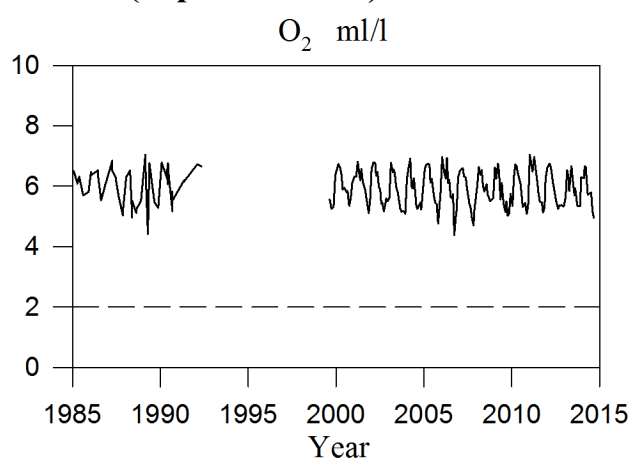
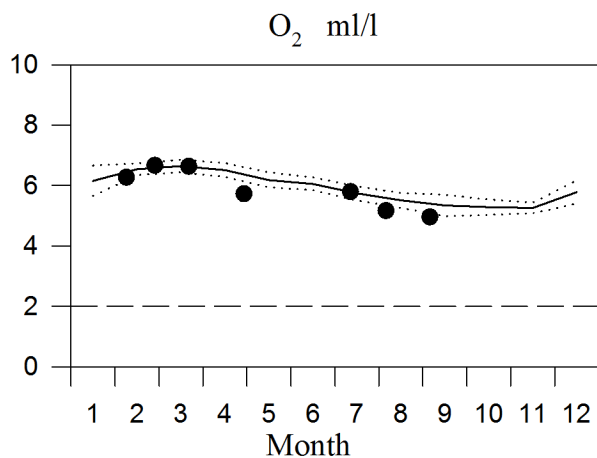
STATION Å15 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

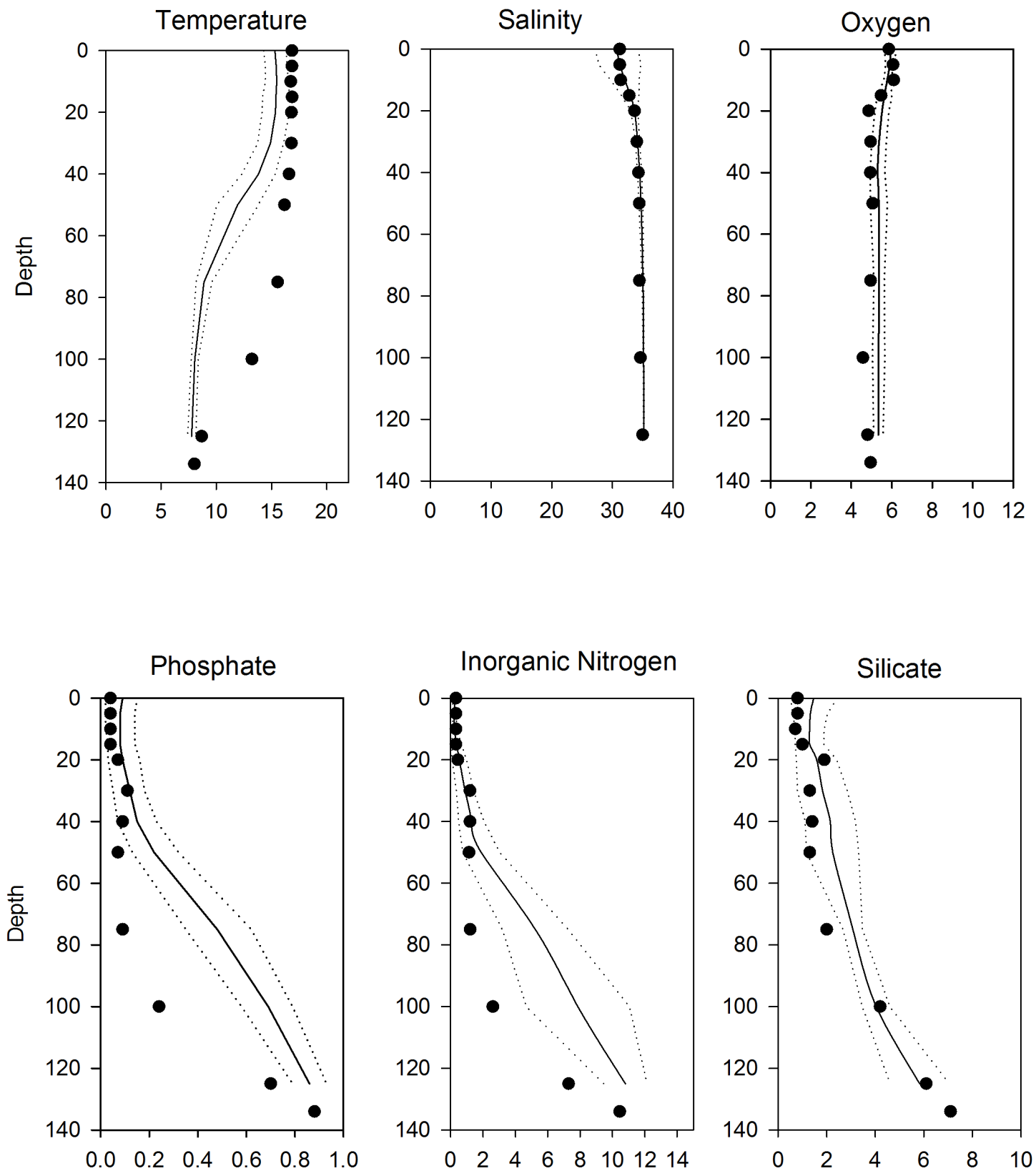


OXYGEN IN BOTTOM WATER (depth >=125m)



Vertical profiles Å15 September

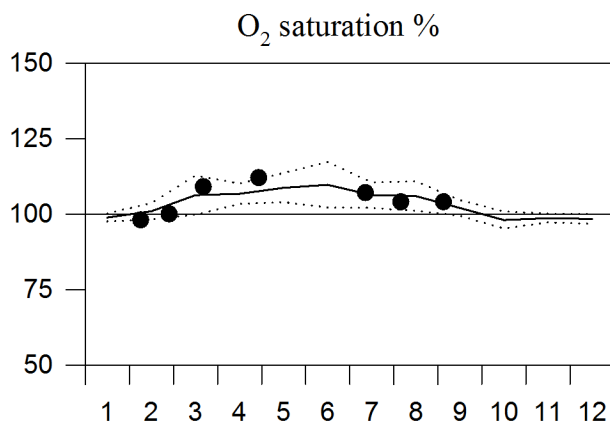
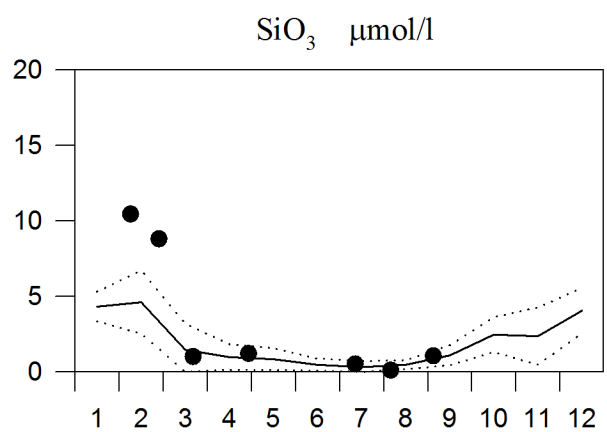
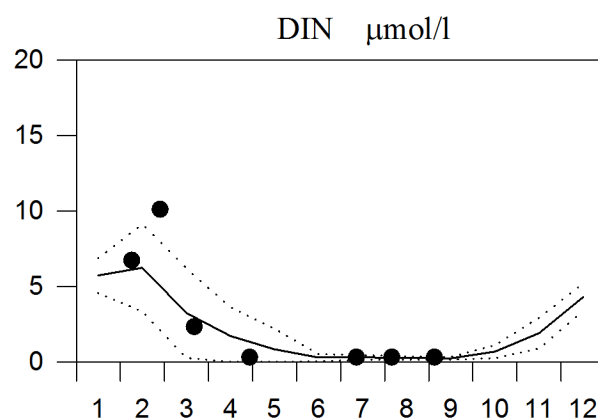
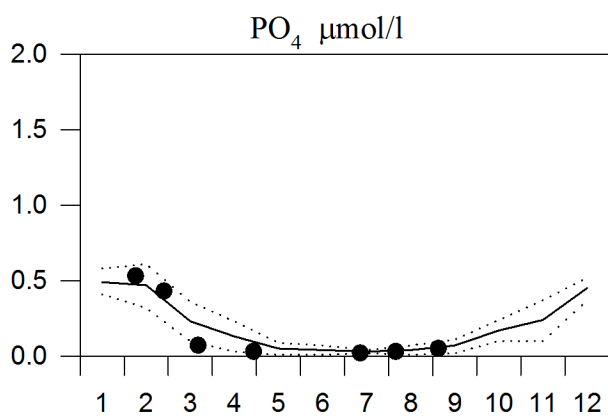
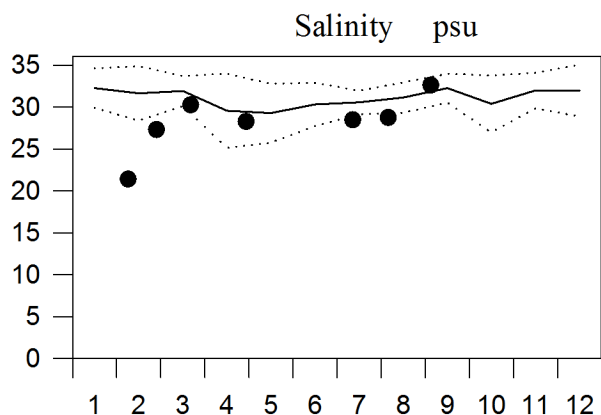
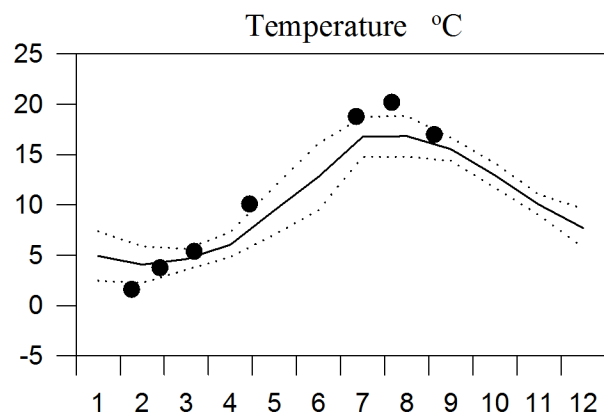
—— Mean 1996-2010 St.Dev. ● 2014



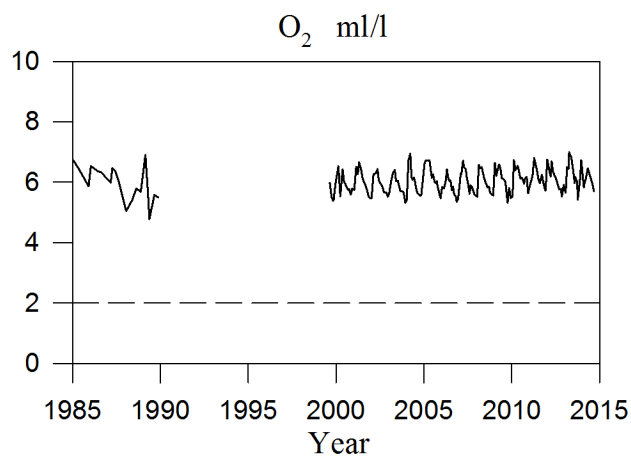
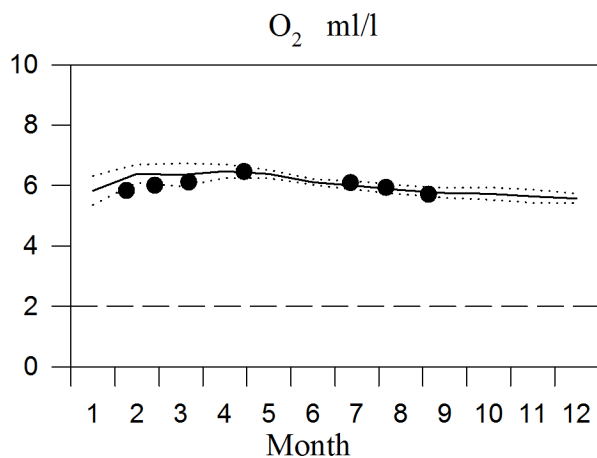
STATION Å17 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



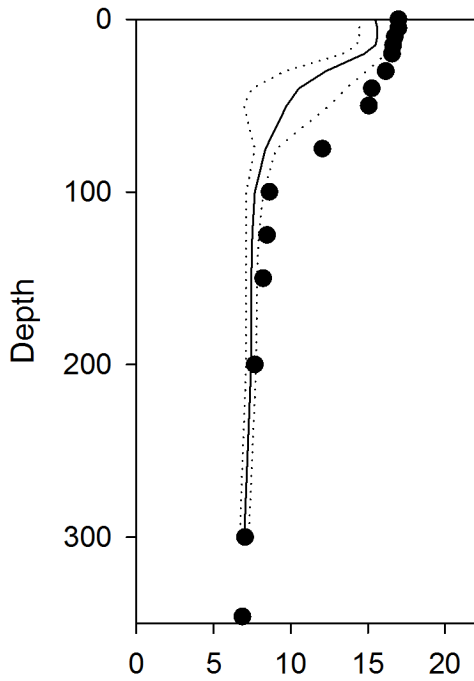
OXYGEN IN BOTTOM WATER (depth = 300m)



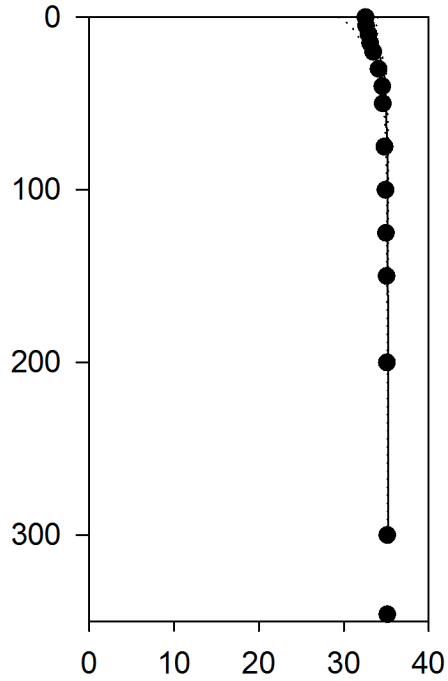
Vertical profiles Å17 September

— Mean 1996-2010 St.Dev. ● 2014

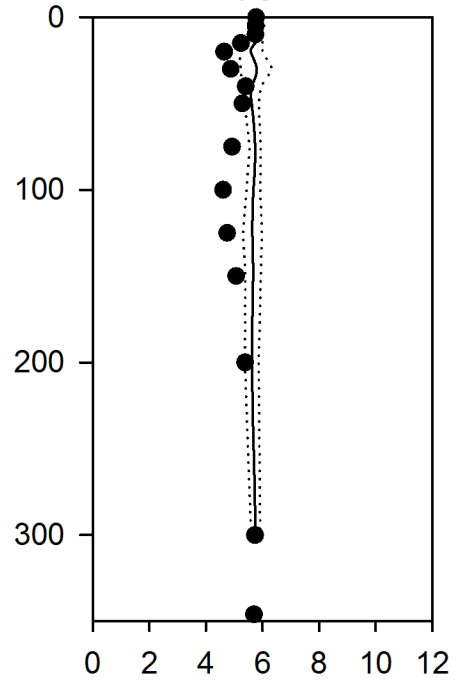
Temperature



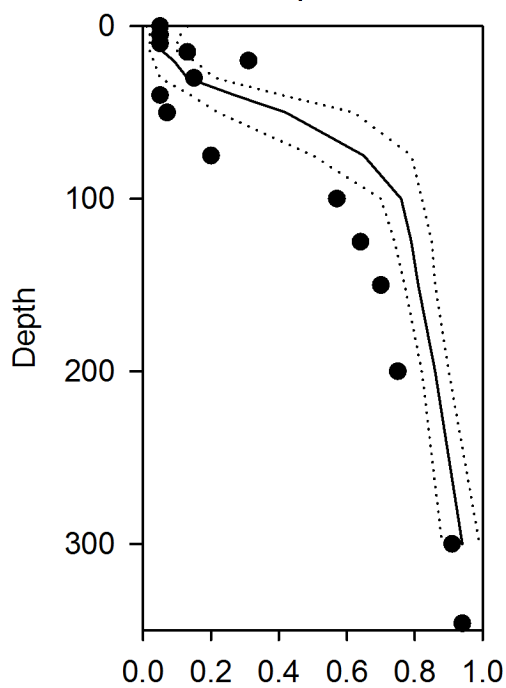
Salinity



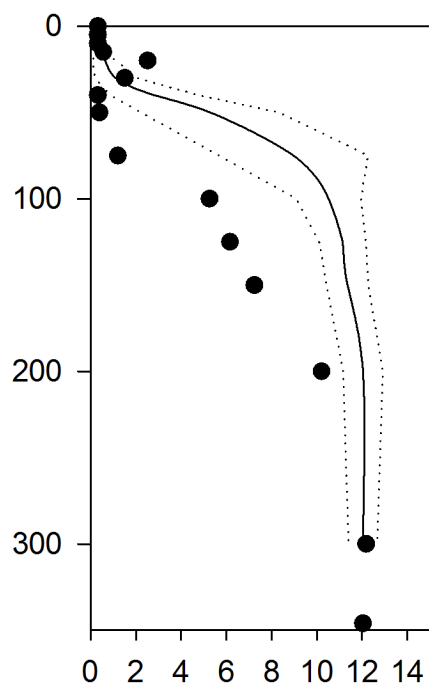
Oxygen



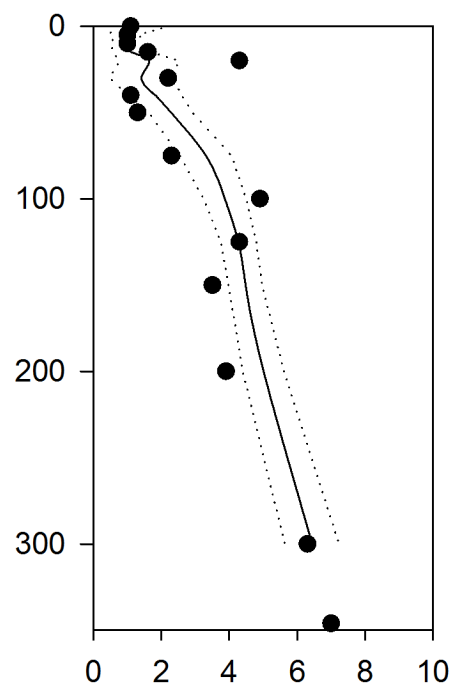
Phosphate



Inorganic Nitrogen



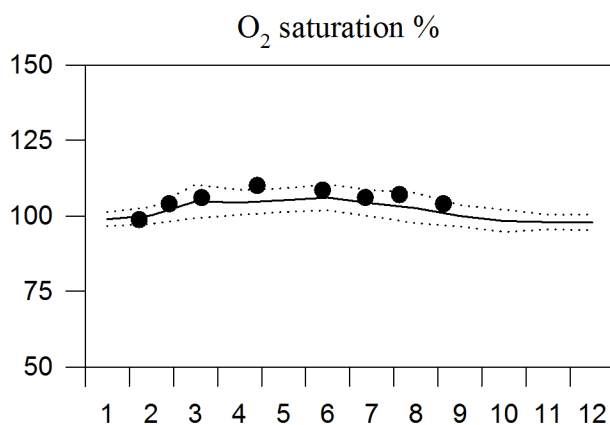
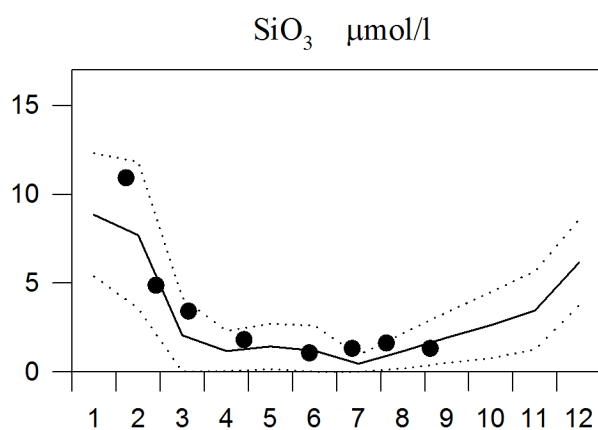
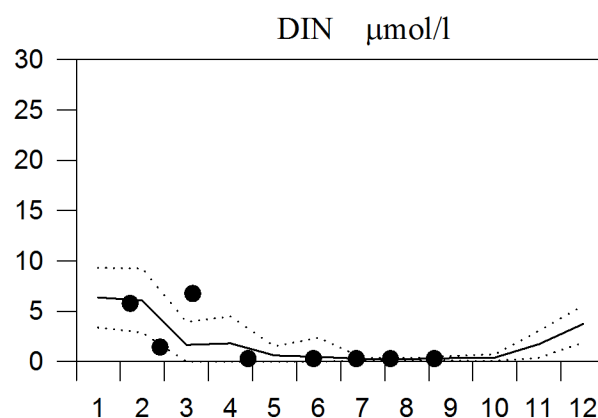
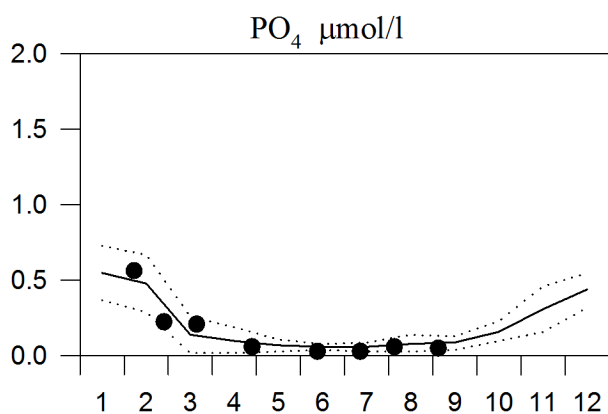
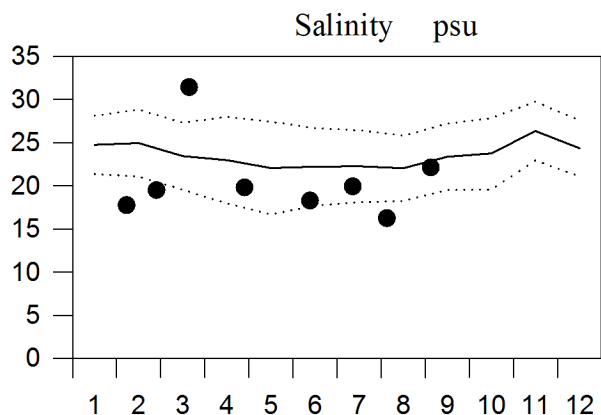
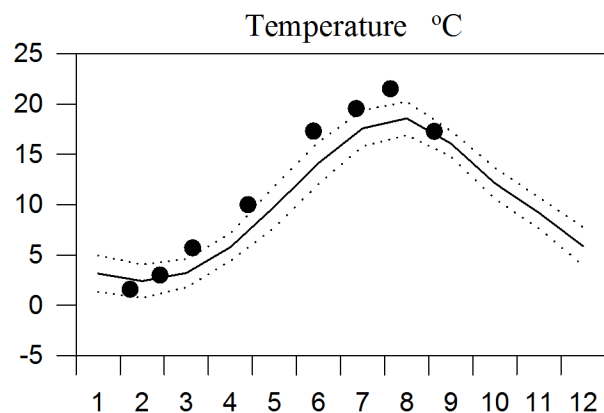
Silicate



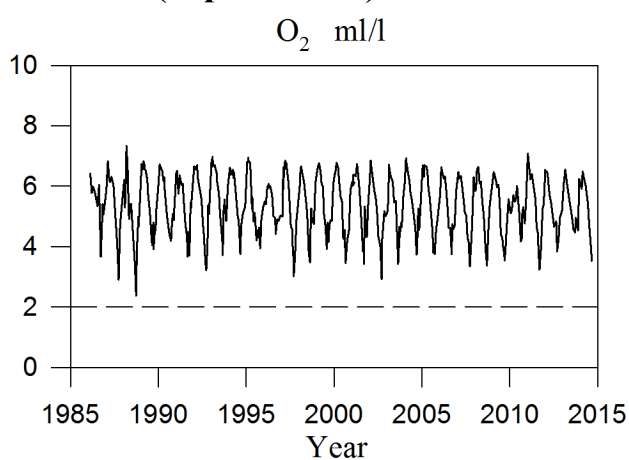
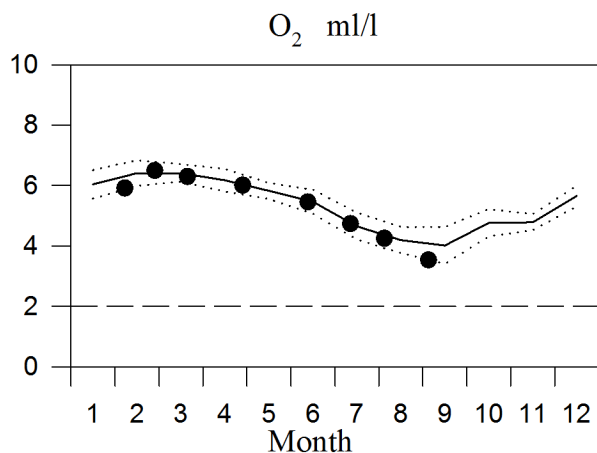
STATION FLADEN SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

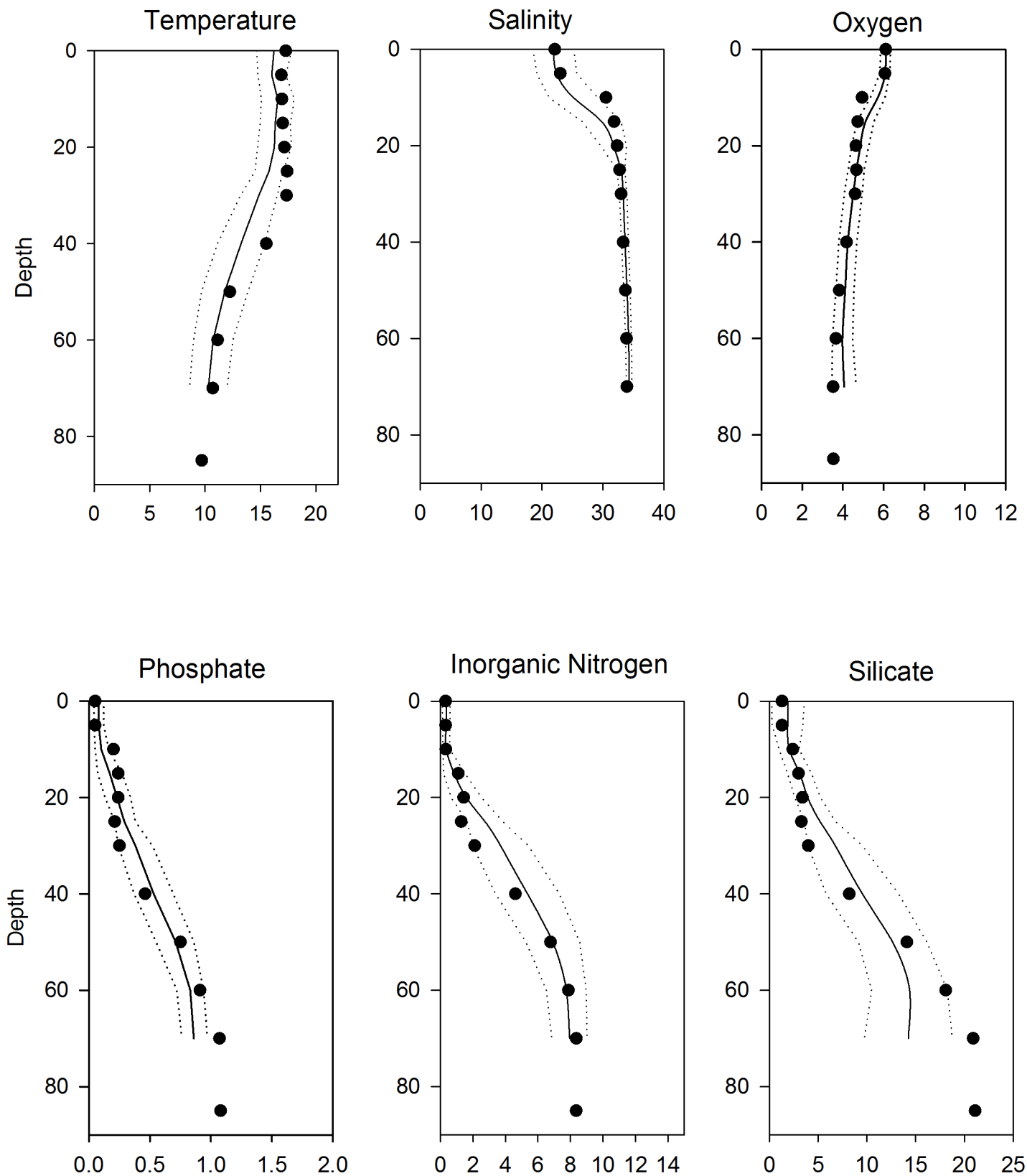


OXYGEN IN BOTTOM WATER (depth > 70m)



Vertical profiles Fladen September

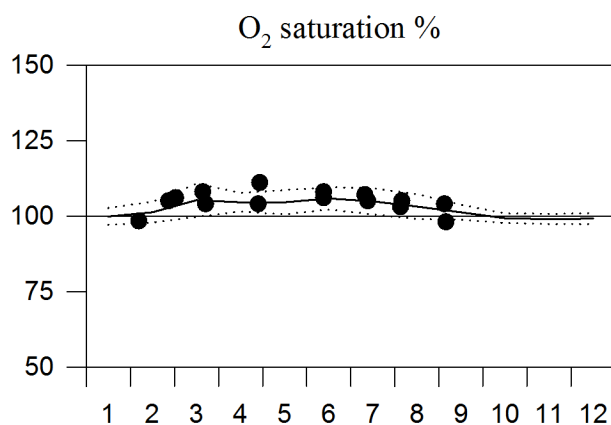
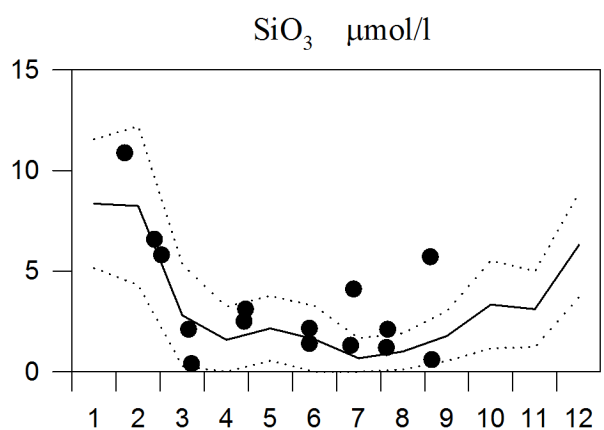
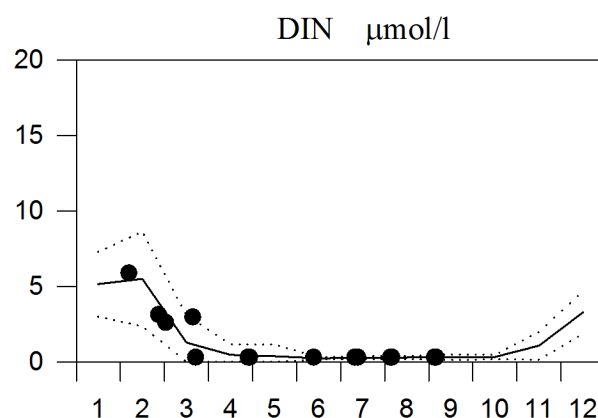
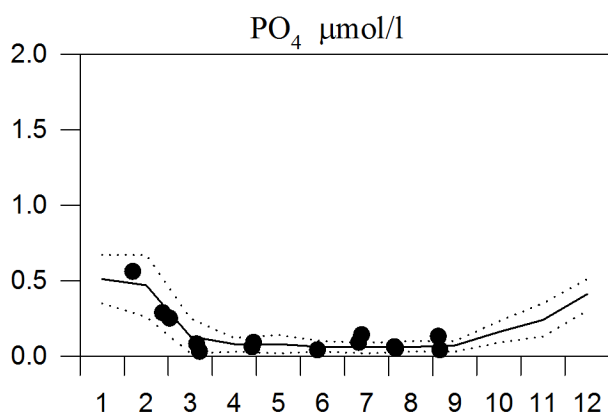
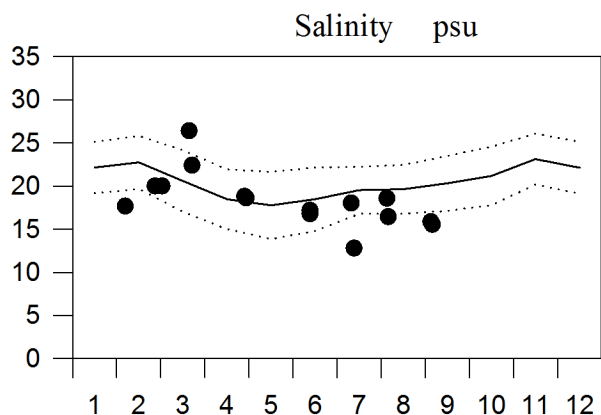
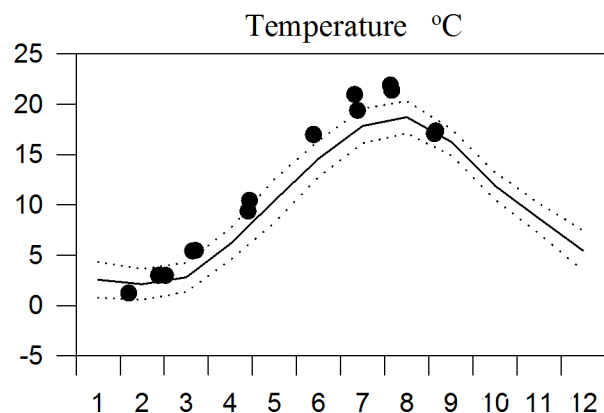
—— Mean 1996-2010 St.Dev. ● 2014



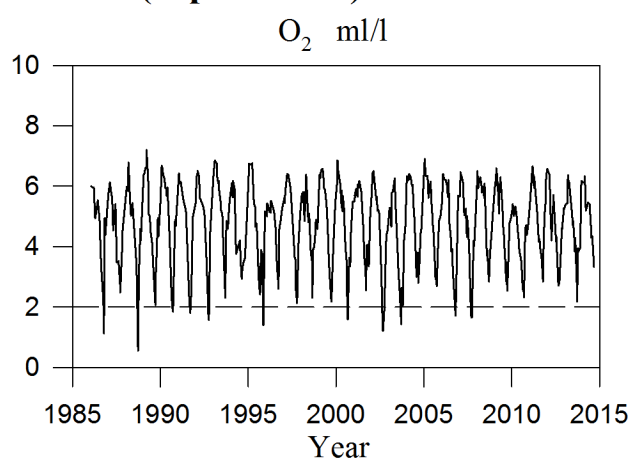
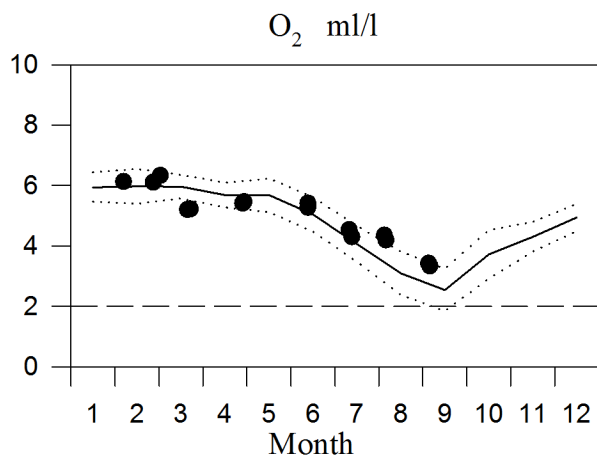
STATION ANHOLT E SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

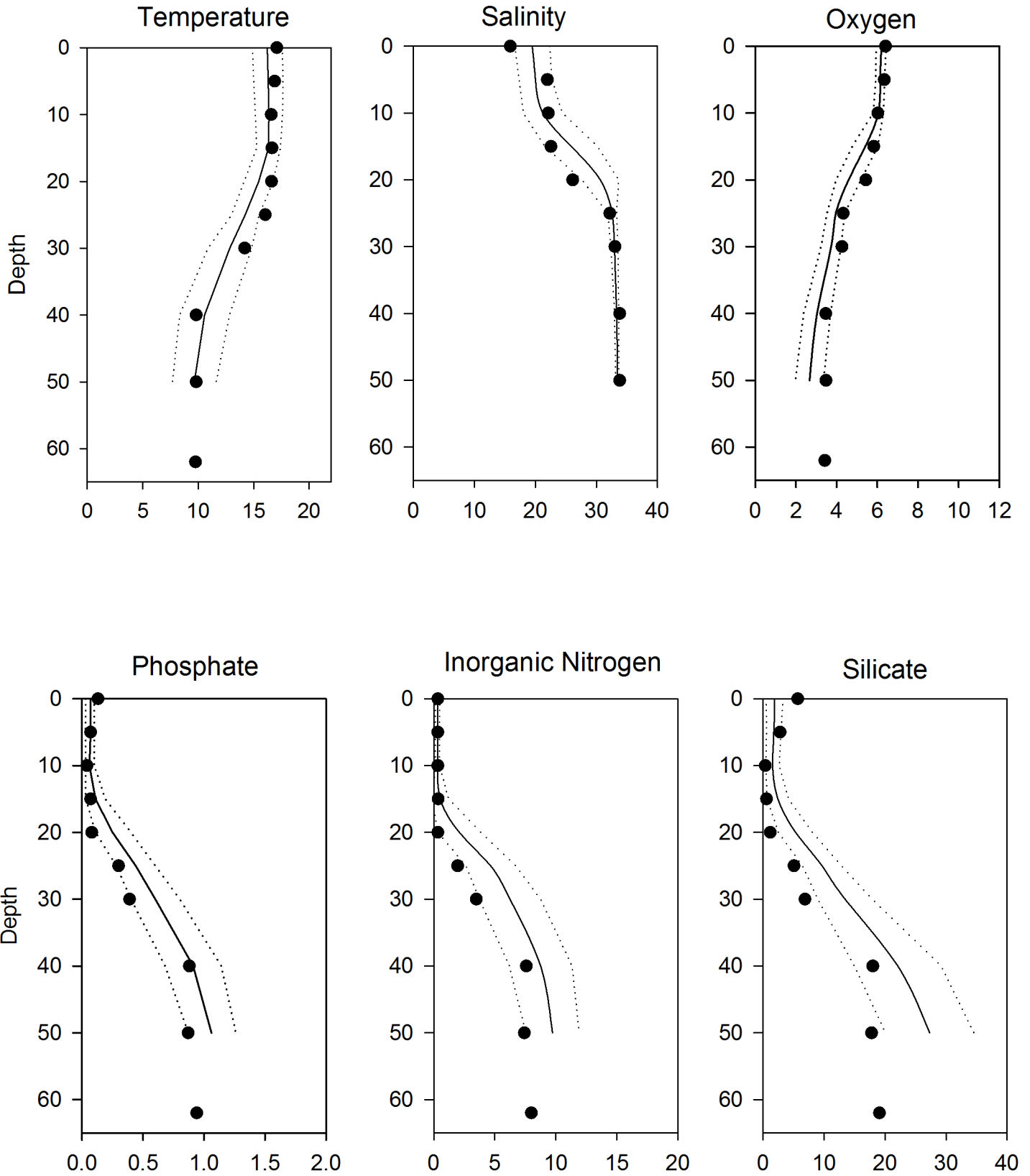


OXYGEN IN BOTTOM WATER (depth > 50m)



Vertical profiles Anholt E September

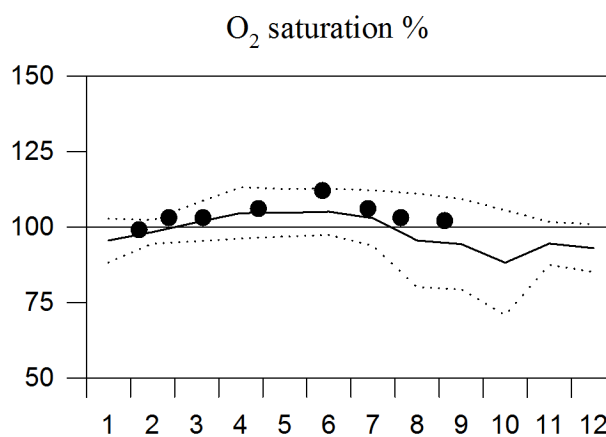
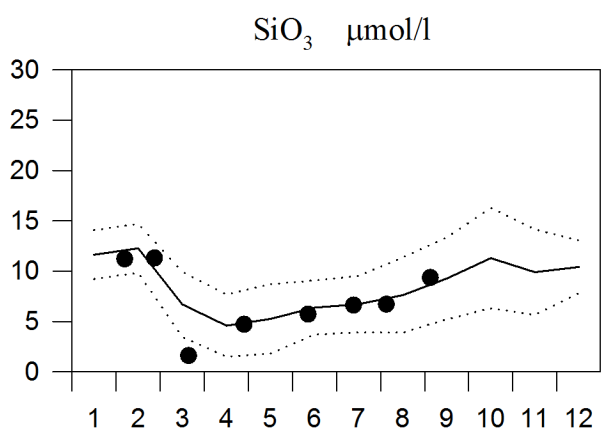
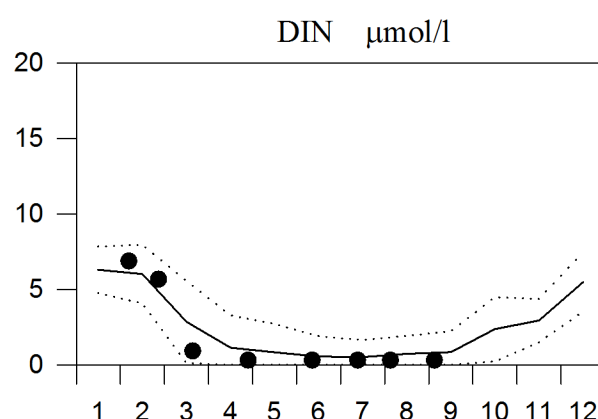
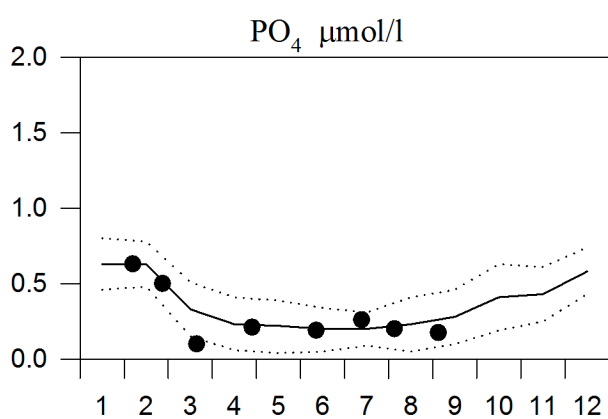
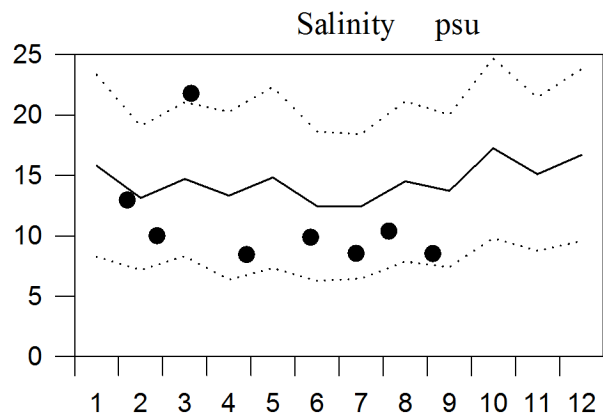
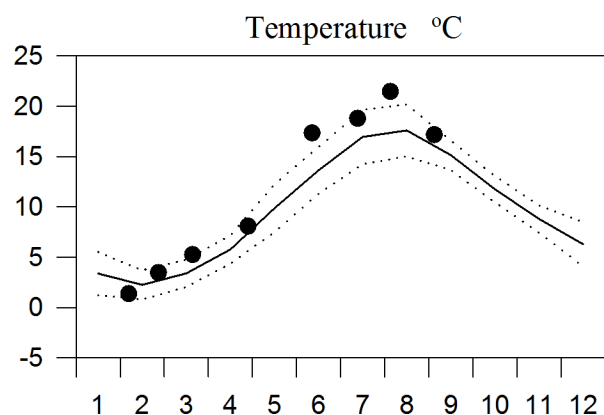
— Mean 1996-2010 St.Dev. ● 2014



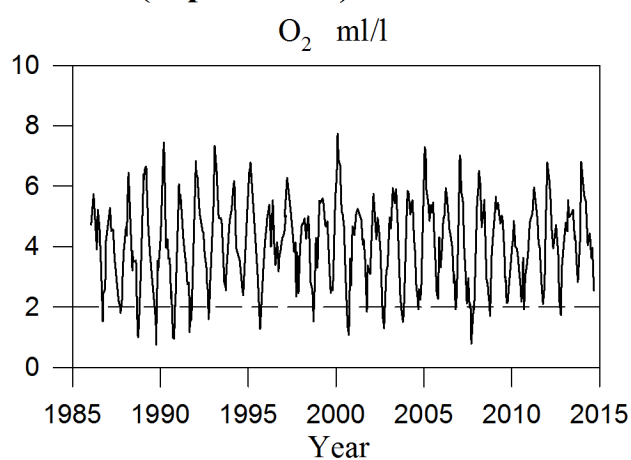
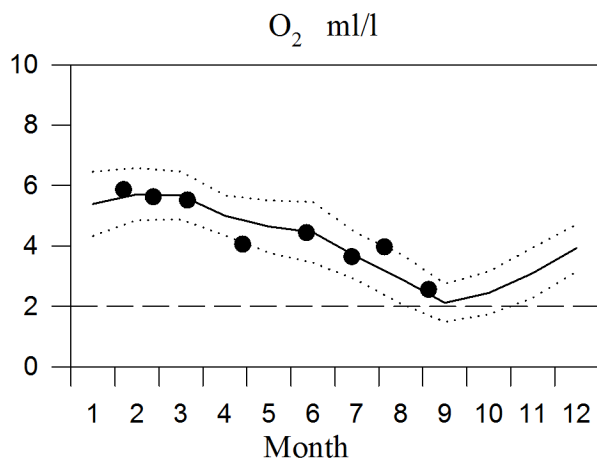
STATION W LANDSKRONA SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

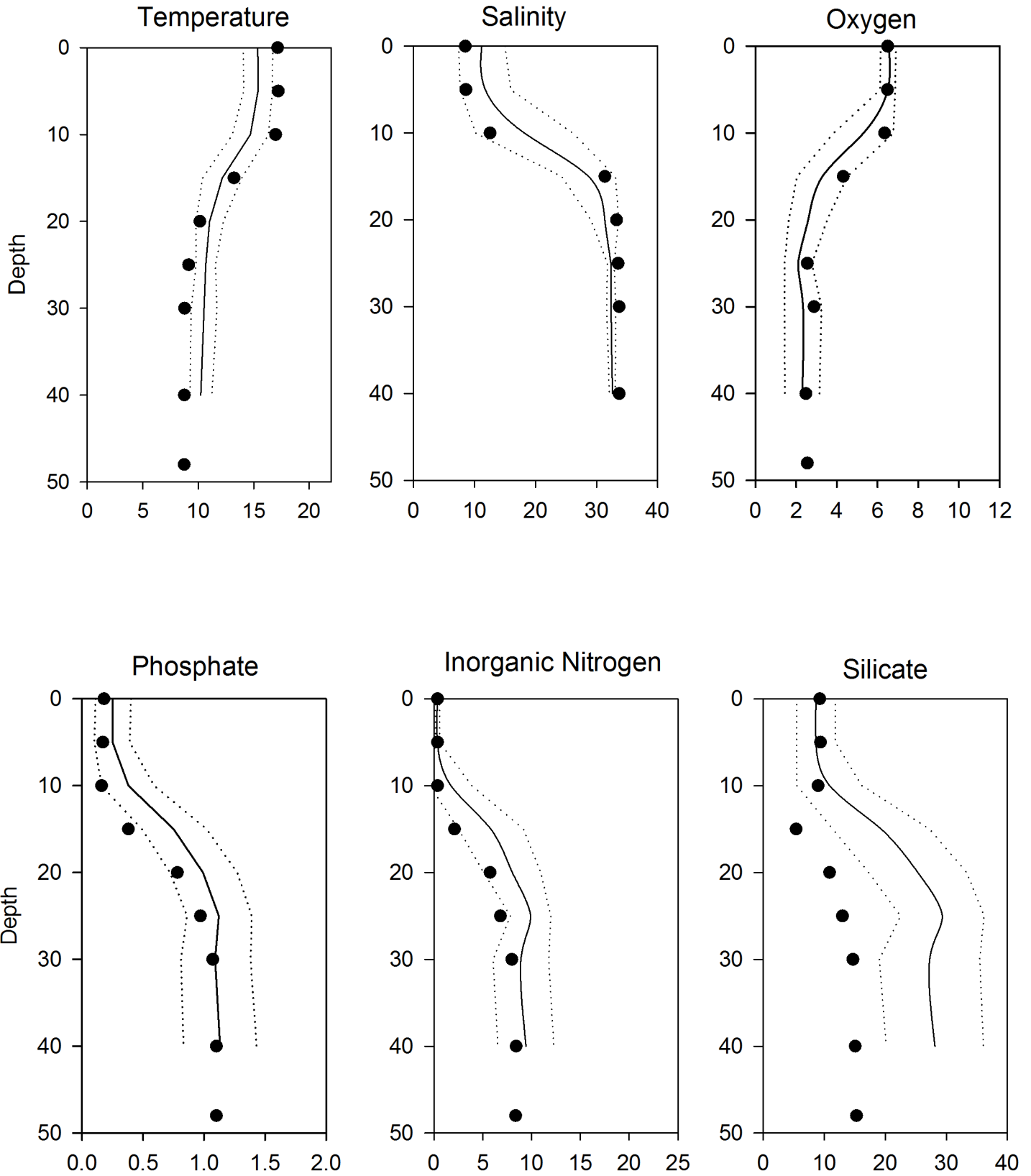


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles W Landskrona September

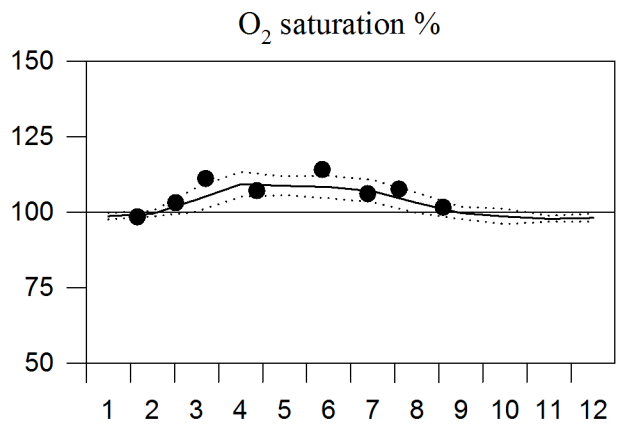
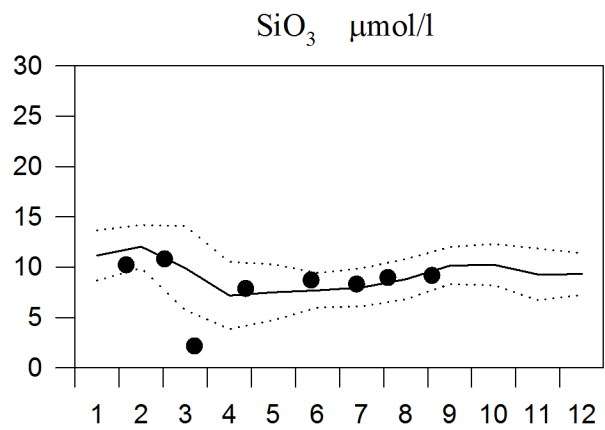
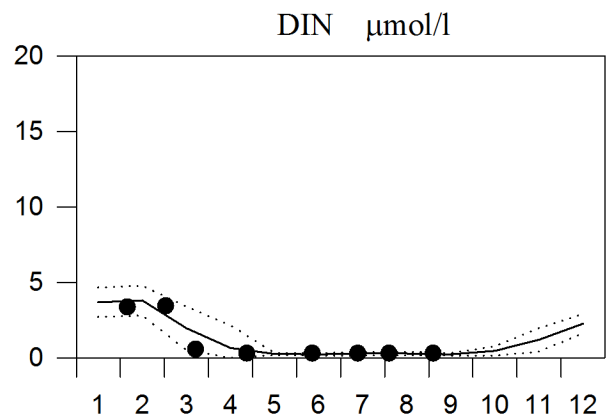
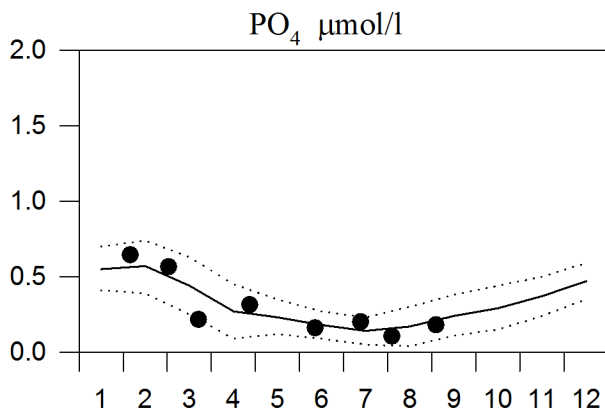
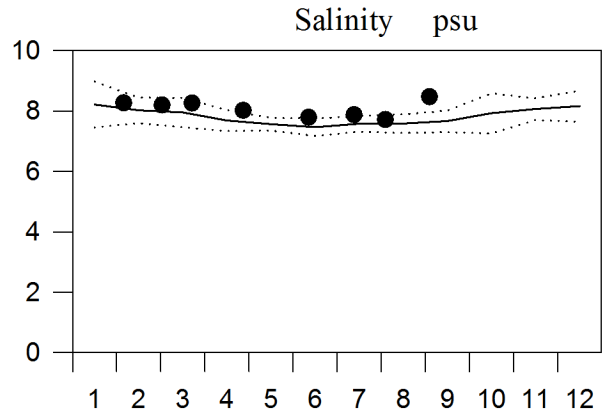
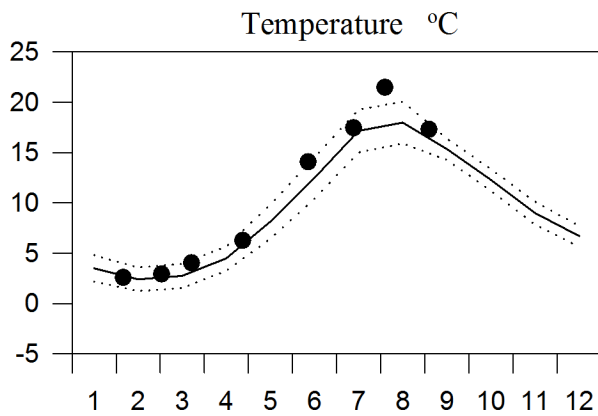
— Mean 1996-2010 St.Dev. ● 2014



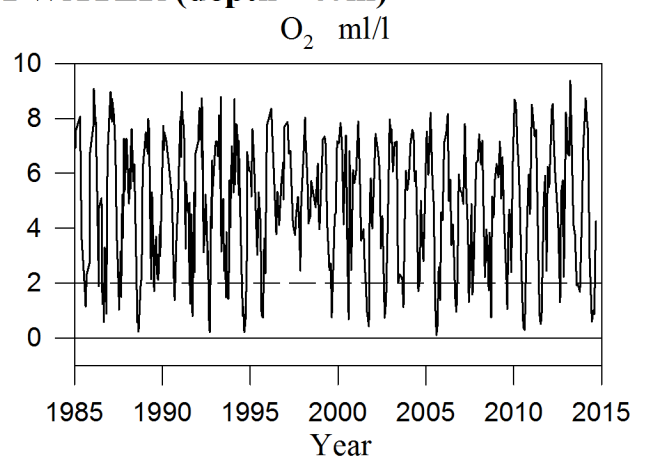
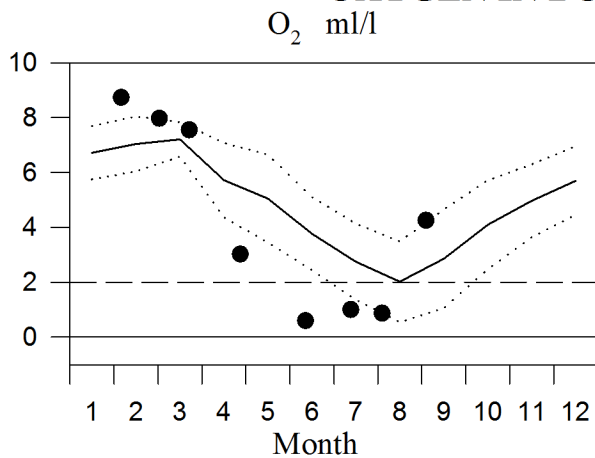
STATION BY1 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

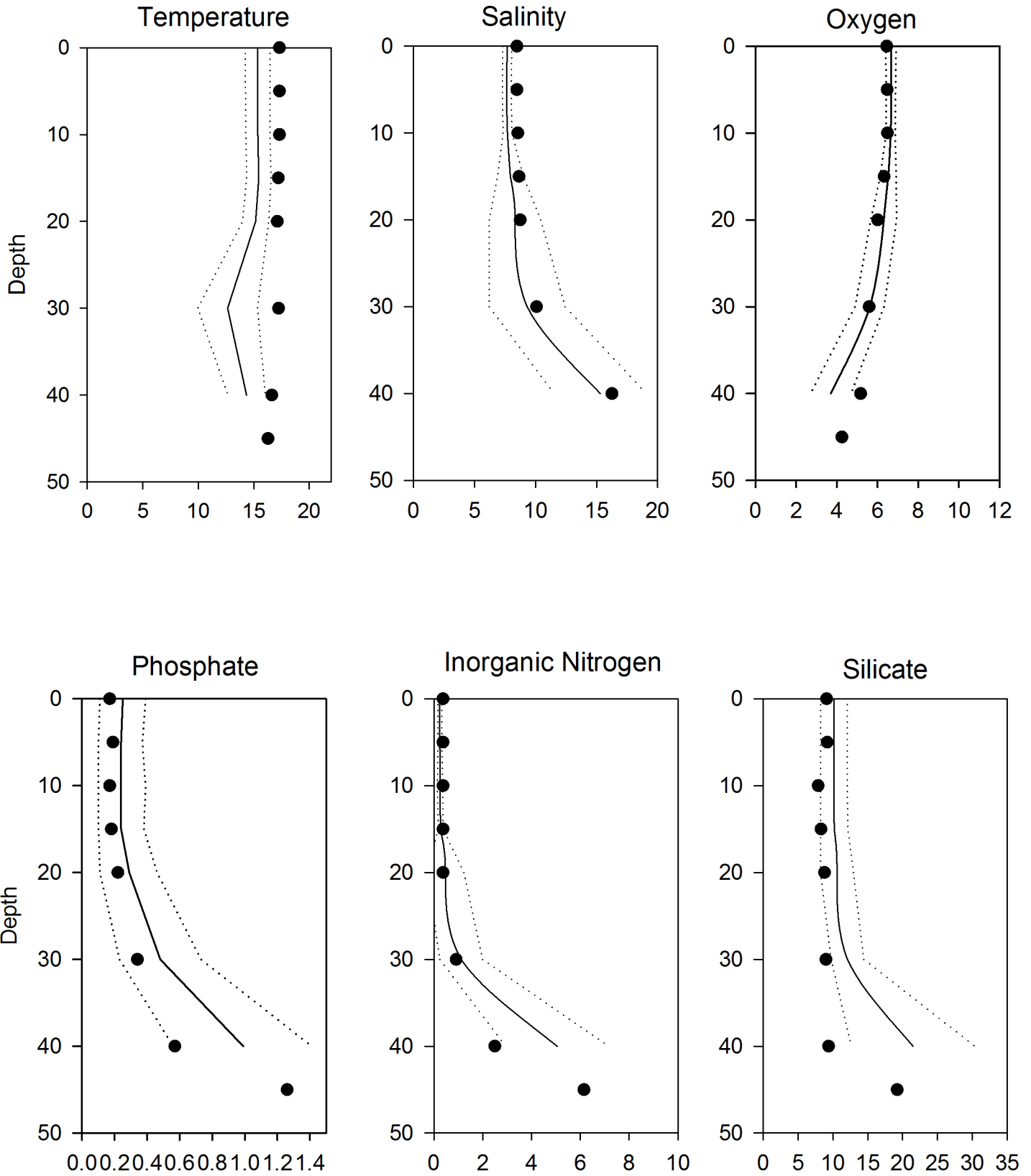


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles BY1 September

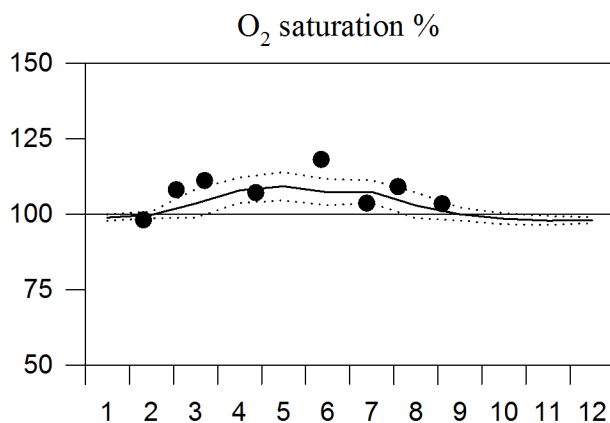
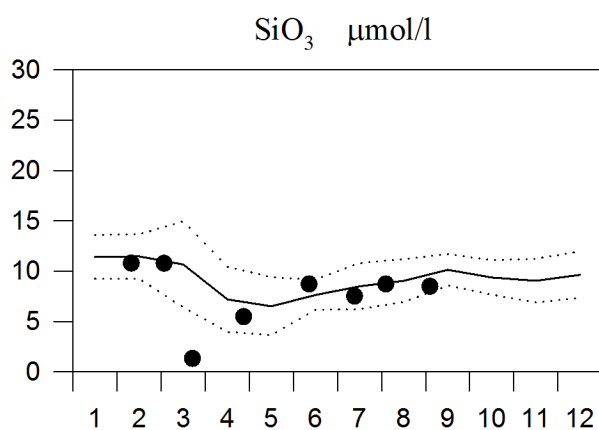
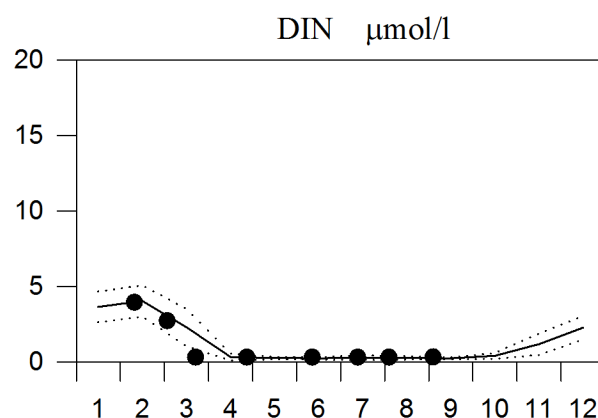
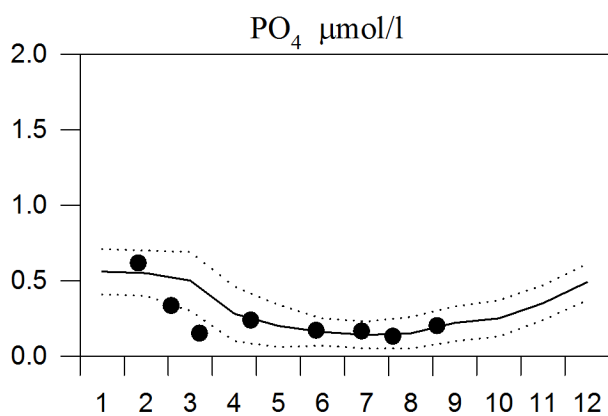
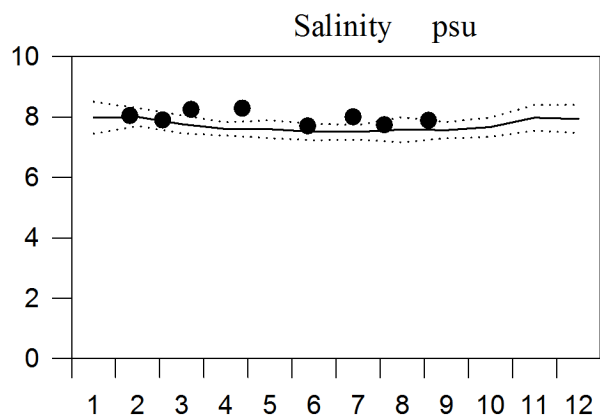
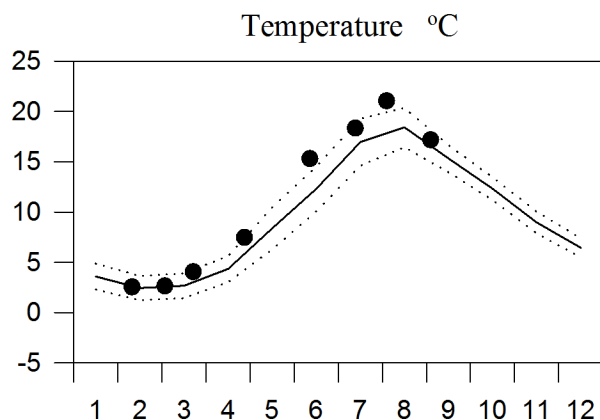
— Mean 1996-2010 St.Dev. ● 2014



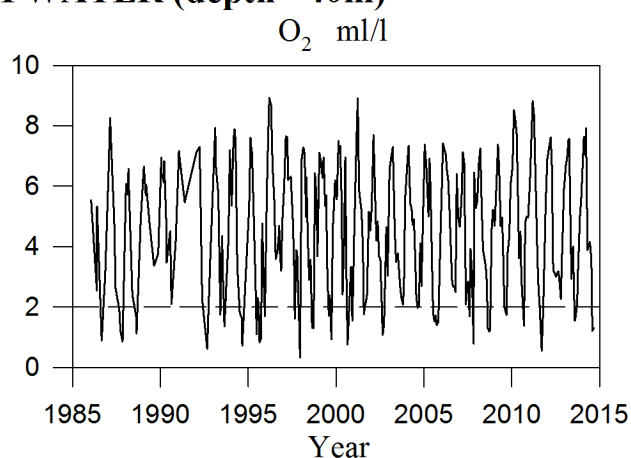
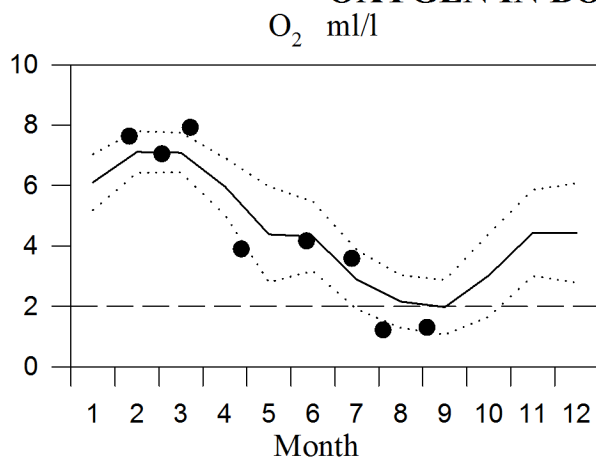
STATION BY2 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

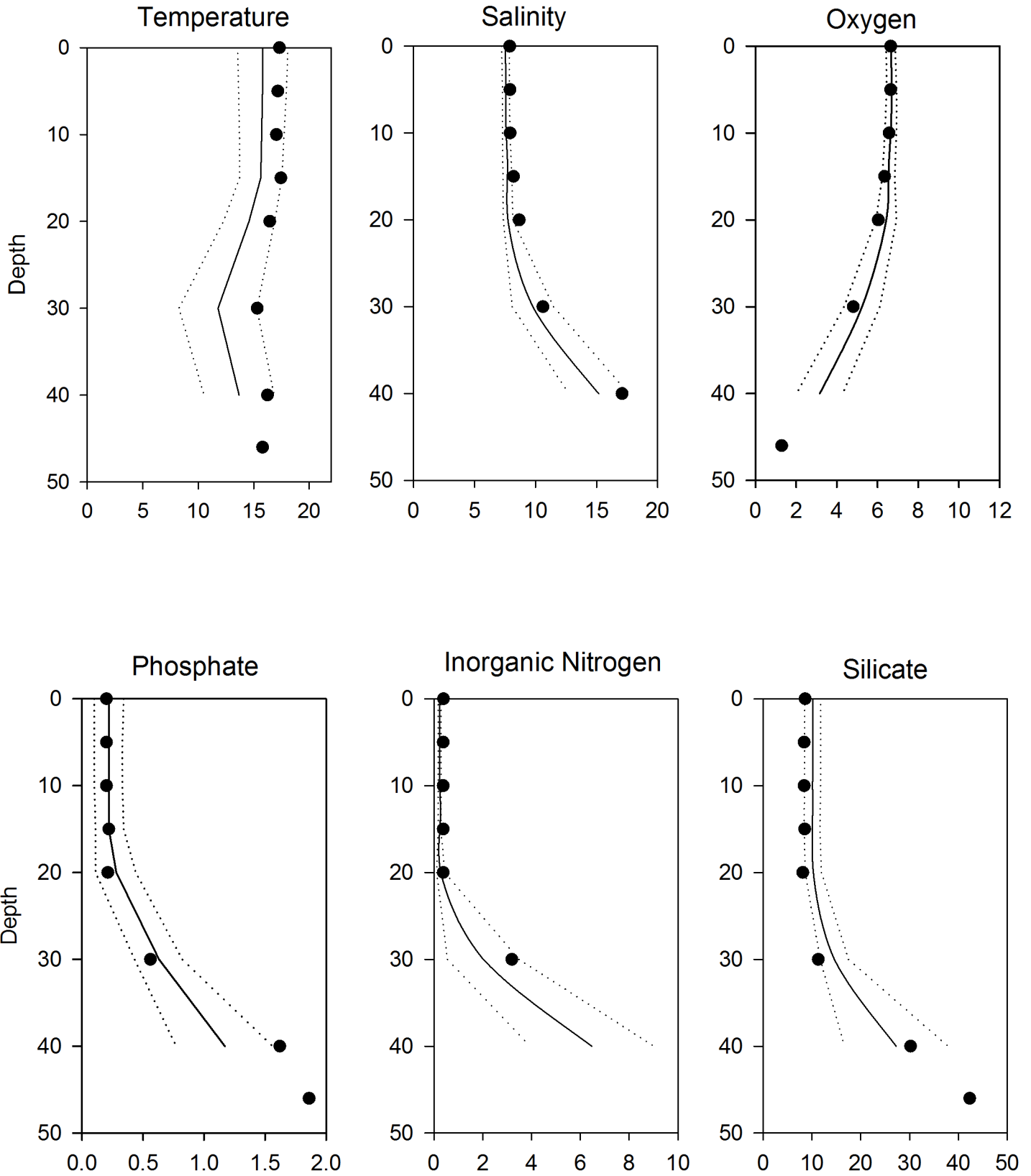


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles BY2 September

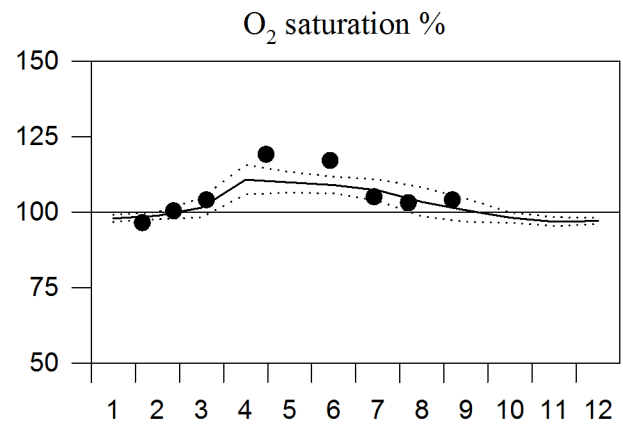
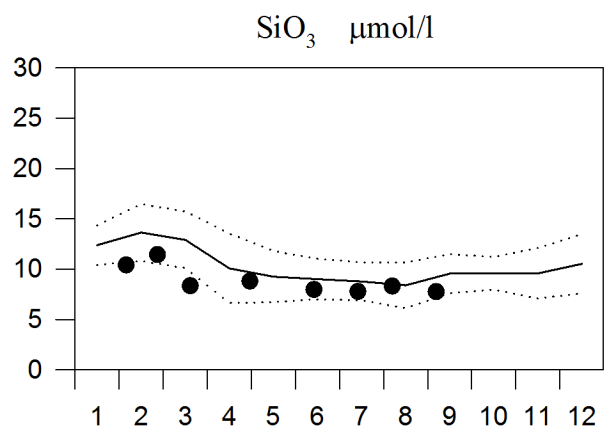
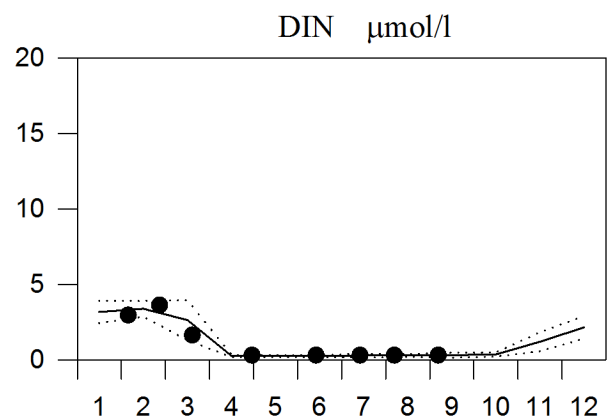
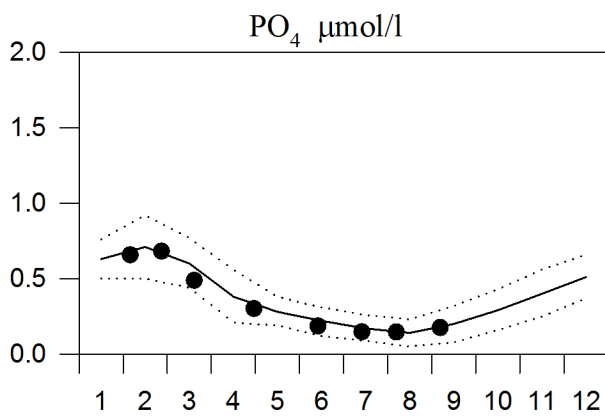
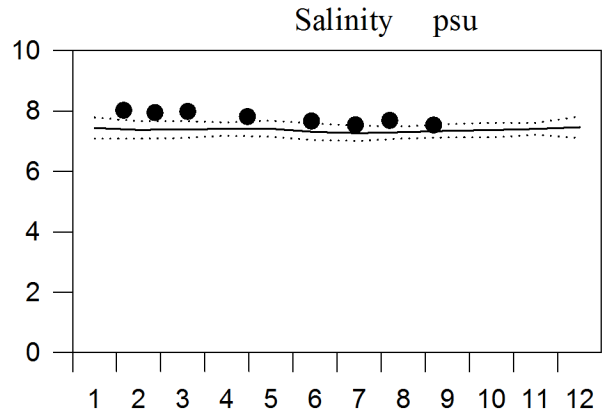
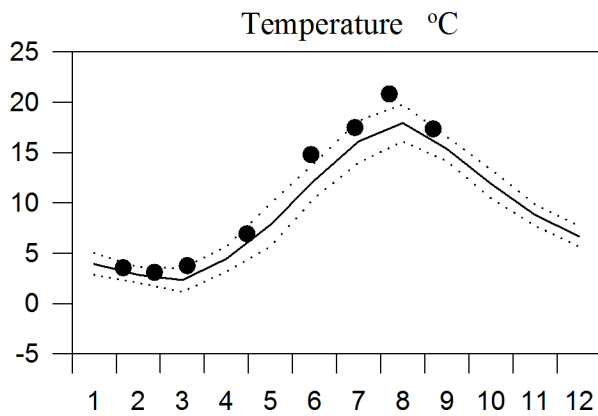
— Mean 1996-2010 St.Dev. ● 2014



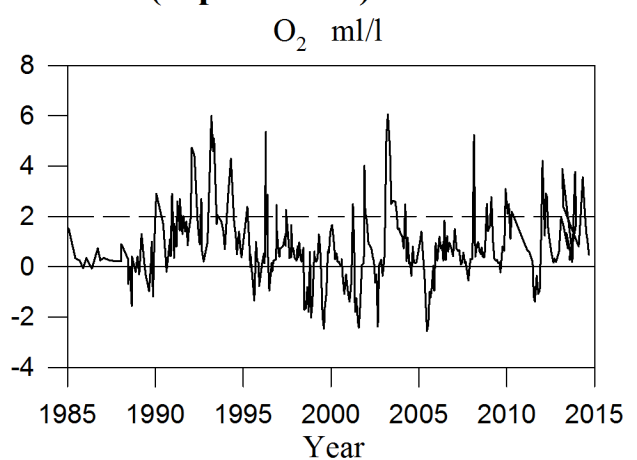
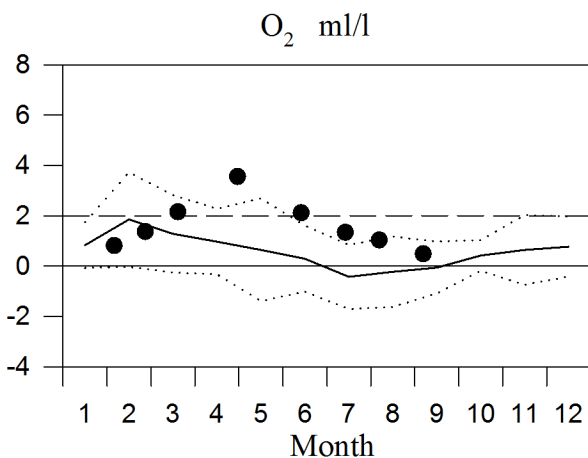
STATION HANÖBUKTEN SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

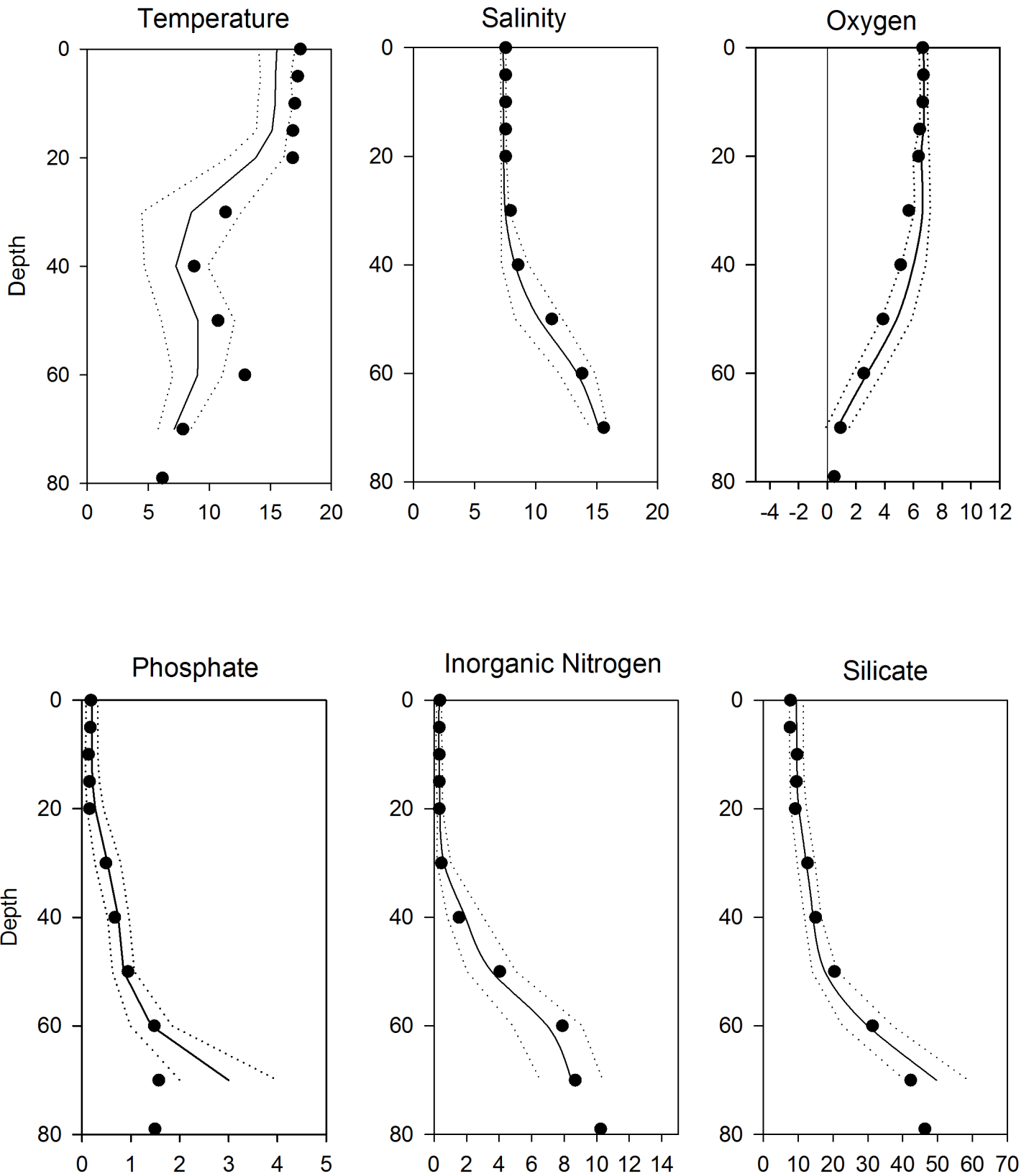


OXYGEN IN BOTTOM WATER (depth > 70m)



Vertical profiles Hanöbukten September

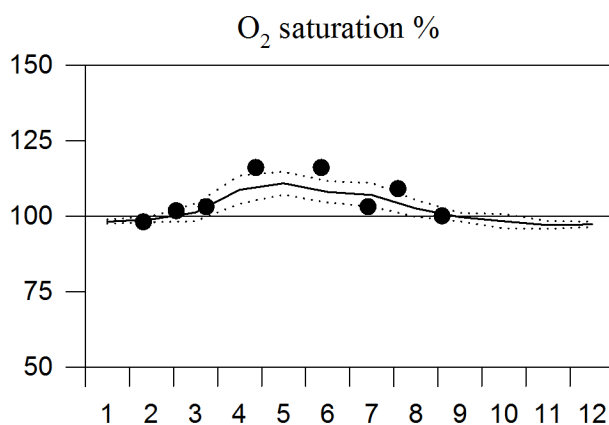
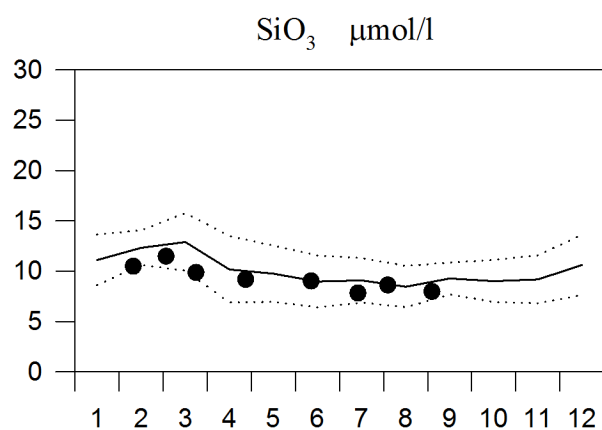
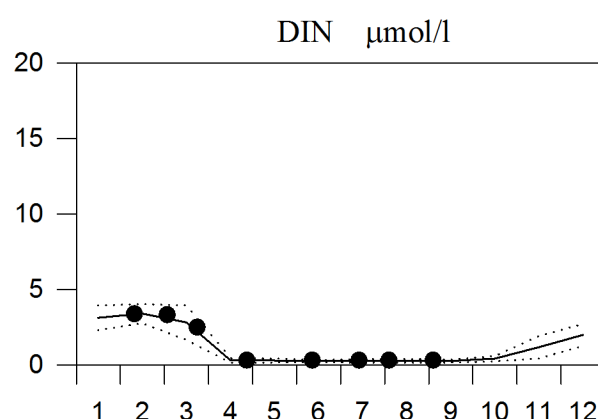
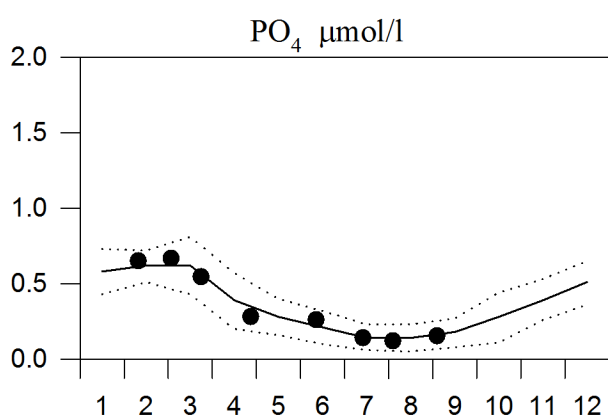
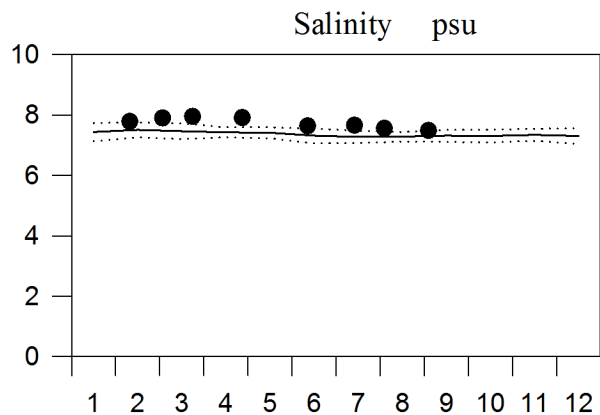
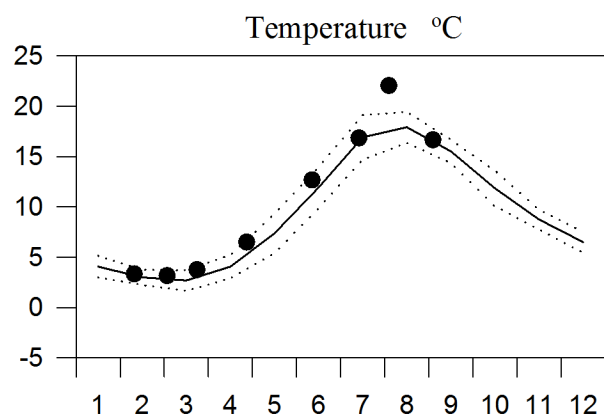
— Mean 1996-2010 St.Dev. ● 2014



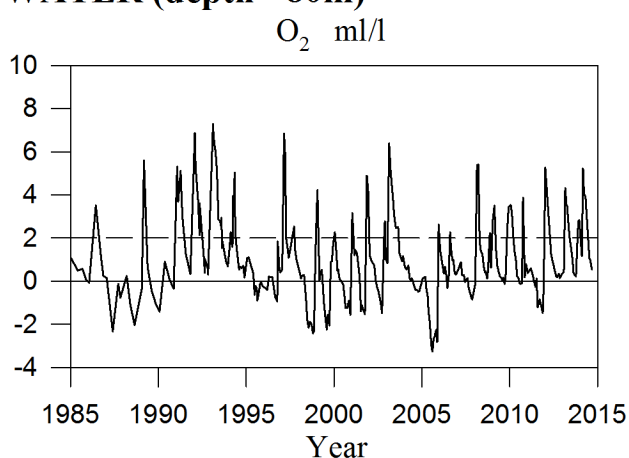
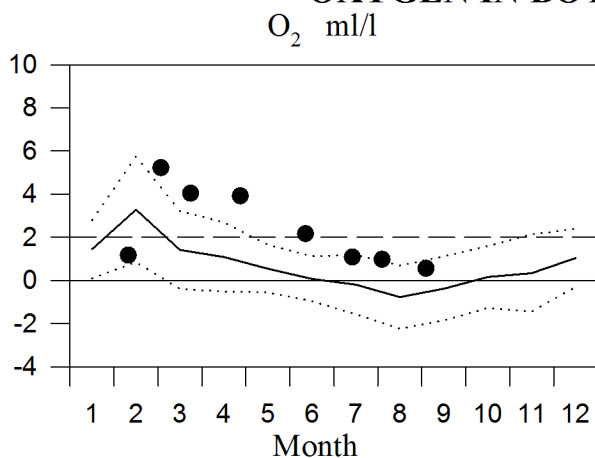
STATION BY4 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



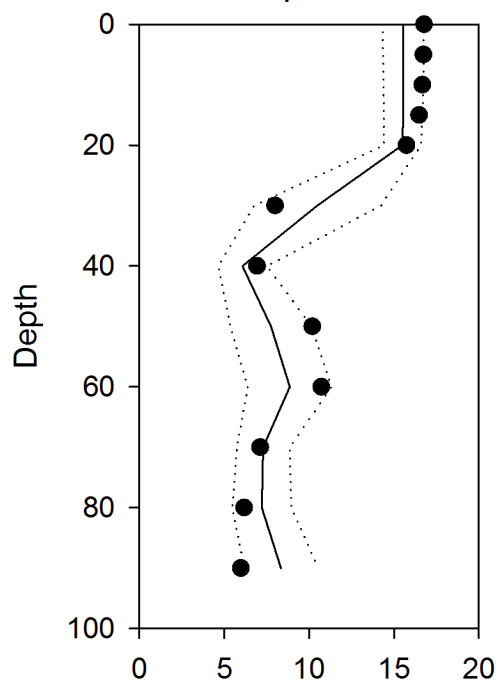
OXYGEN IN BOTTOM WATER (depth >80m)



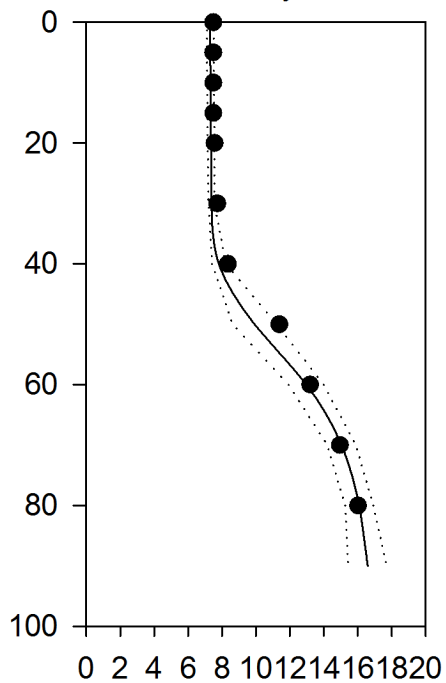
Vertical profiles BY4 September

— Mean 1996-2010 St.Dev. ● 2014

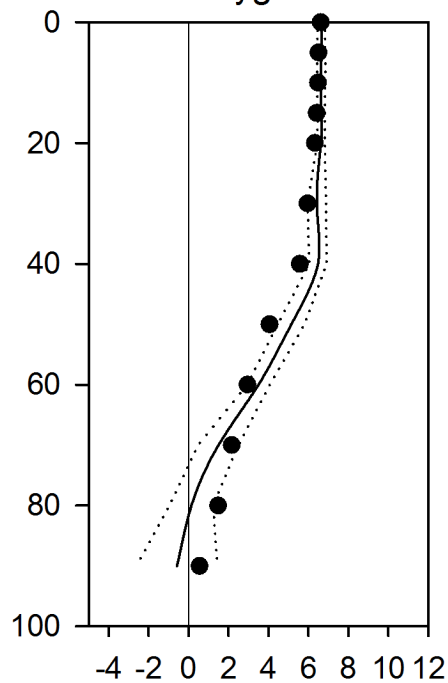
Temperature



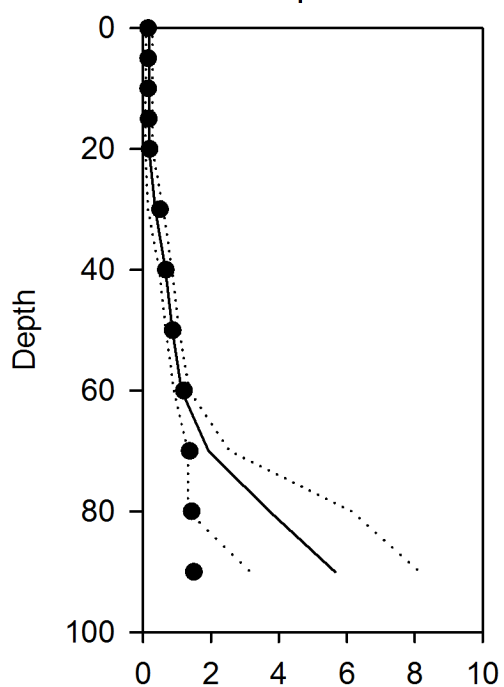
Salinity



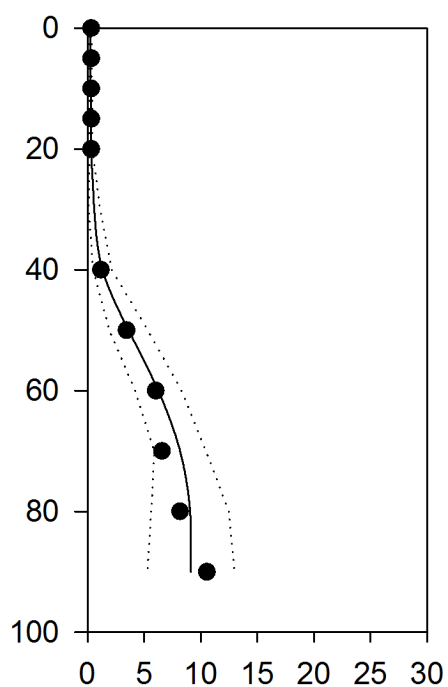
Oxygen



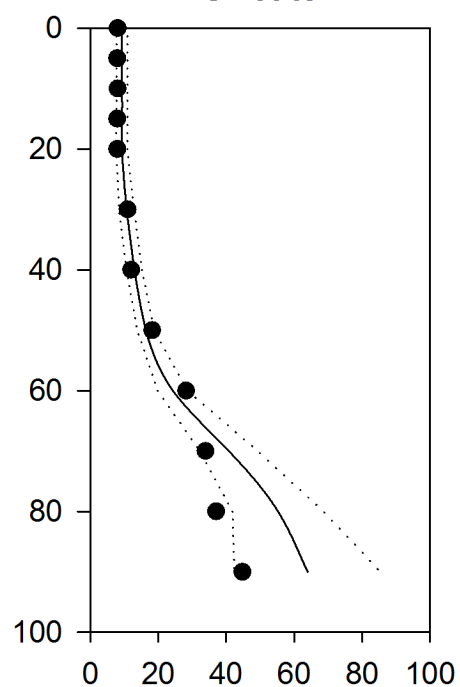
Phosphate



Inorganic Nitrogen



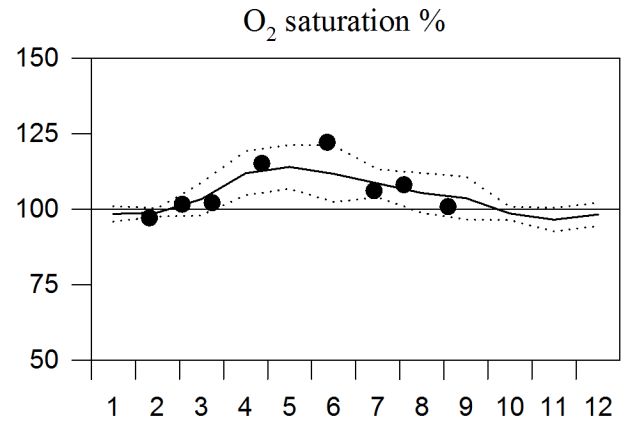
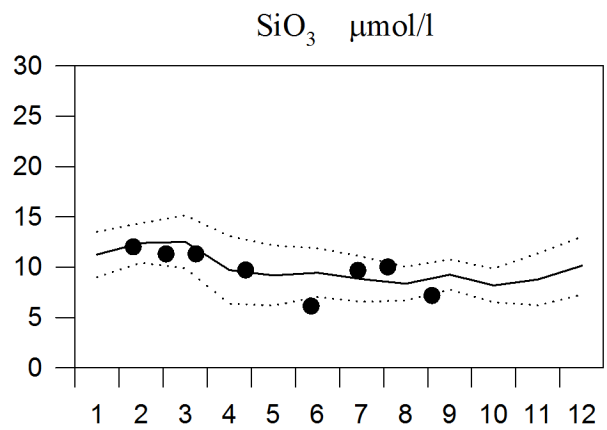
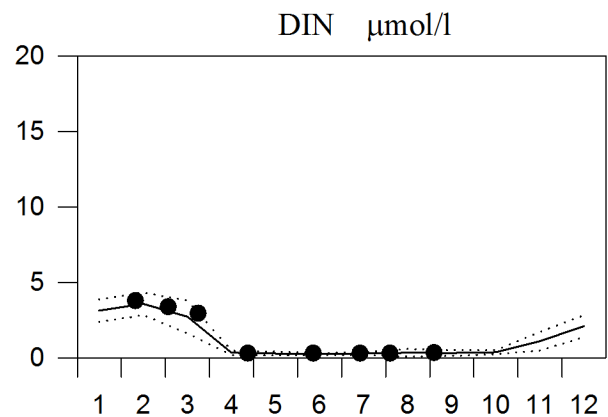
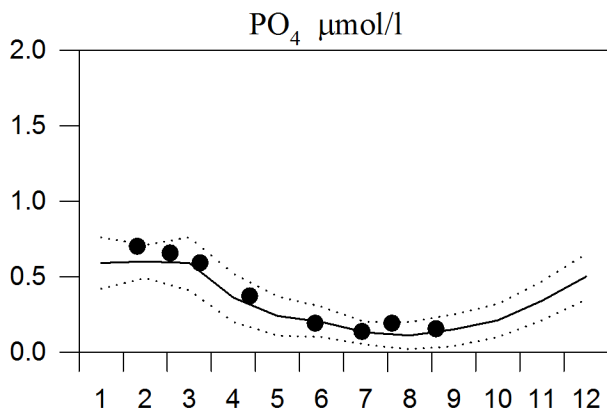
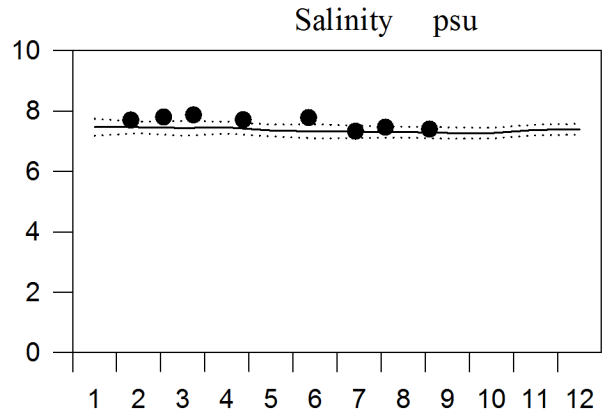
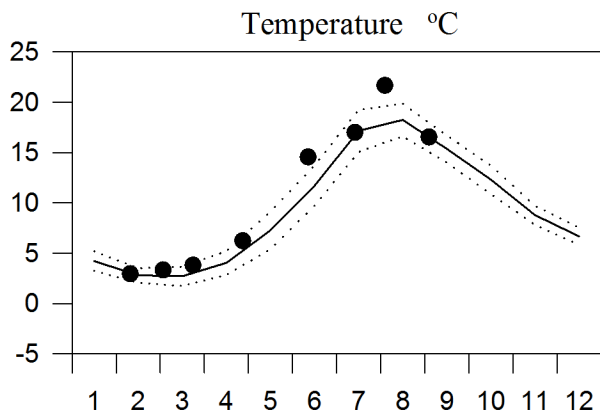
Silicate



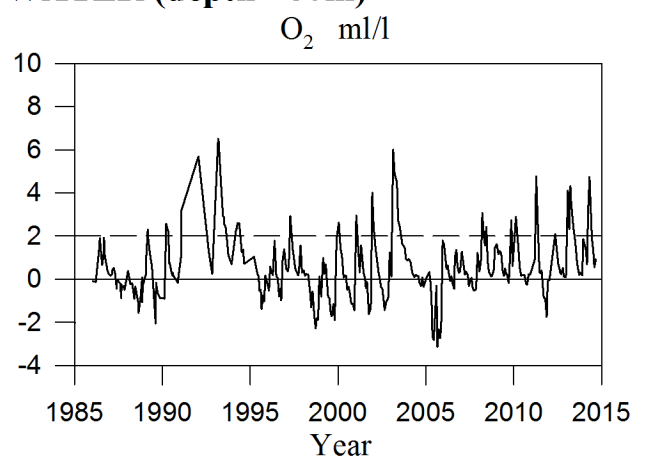
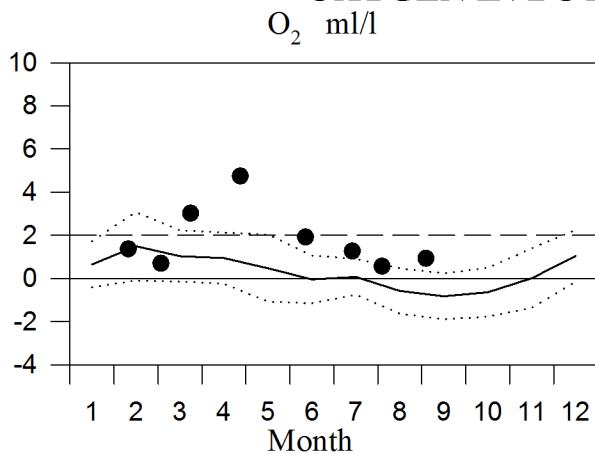
STATION BY5 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

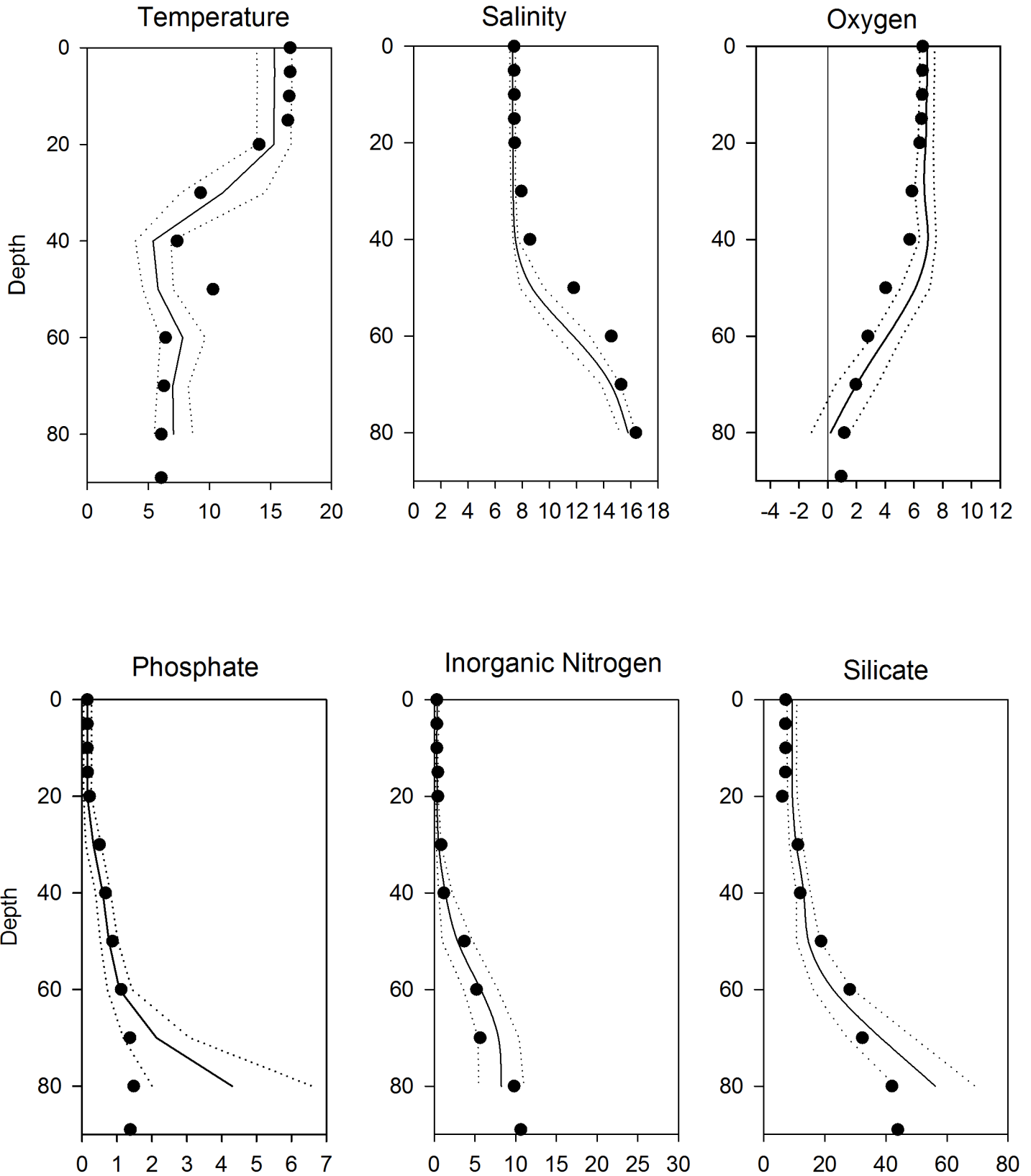


OXYGEN IN BOTTOM WATER (depth >80m)



Vertical profiles BY5 September

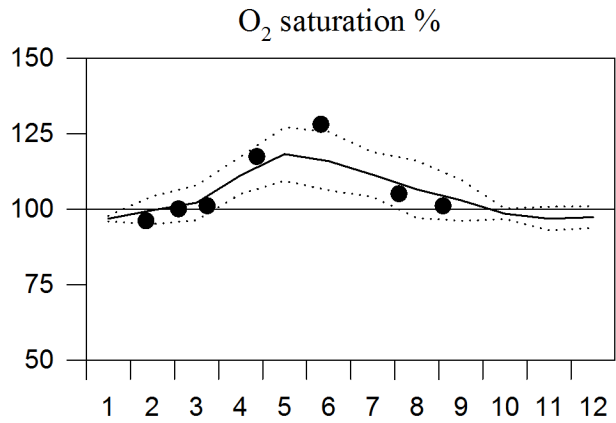
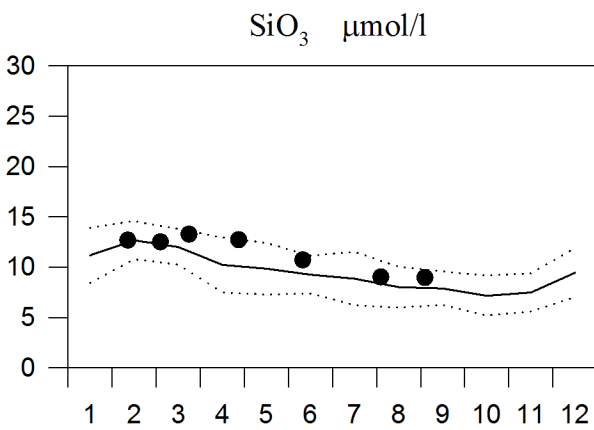
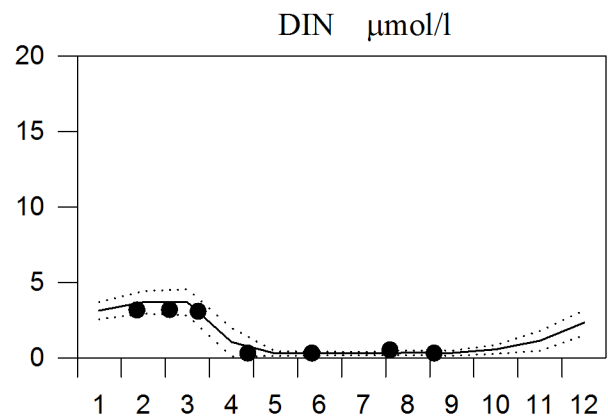
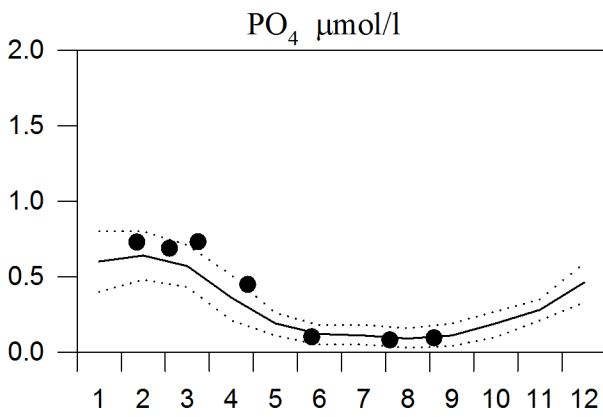
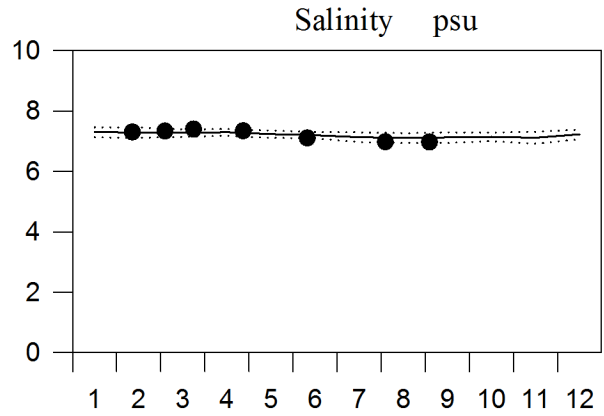
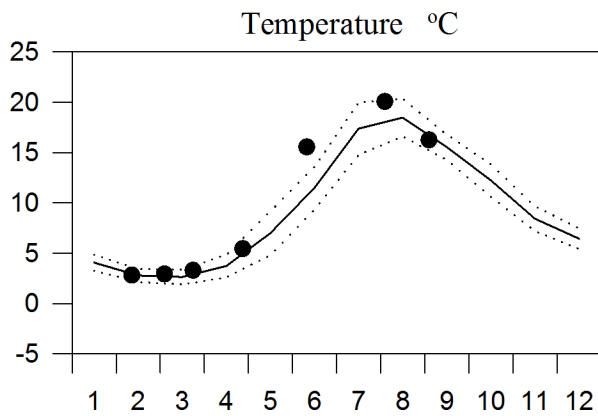
— Mean 1996-2010 St.Dev. ● 2014



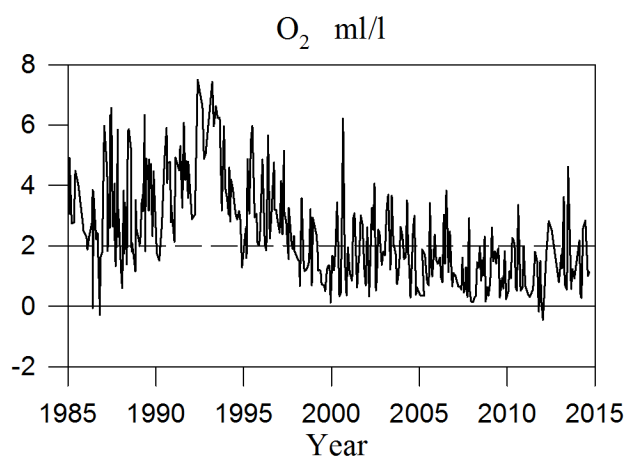
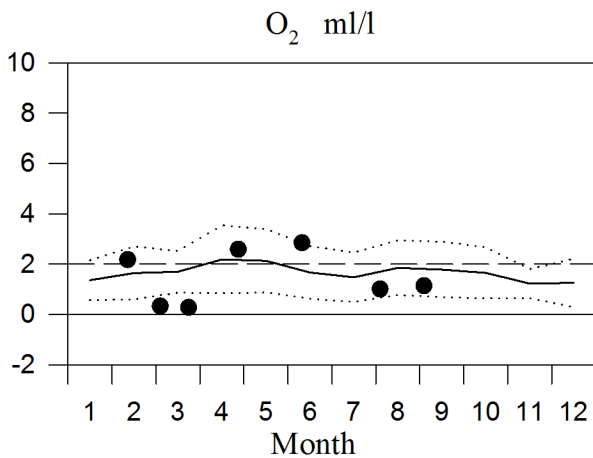
STATION BCS III-10 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

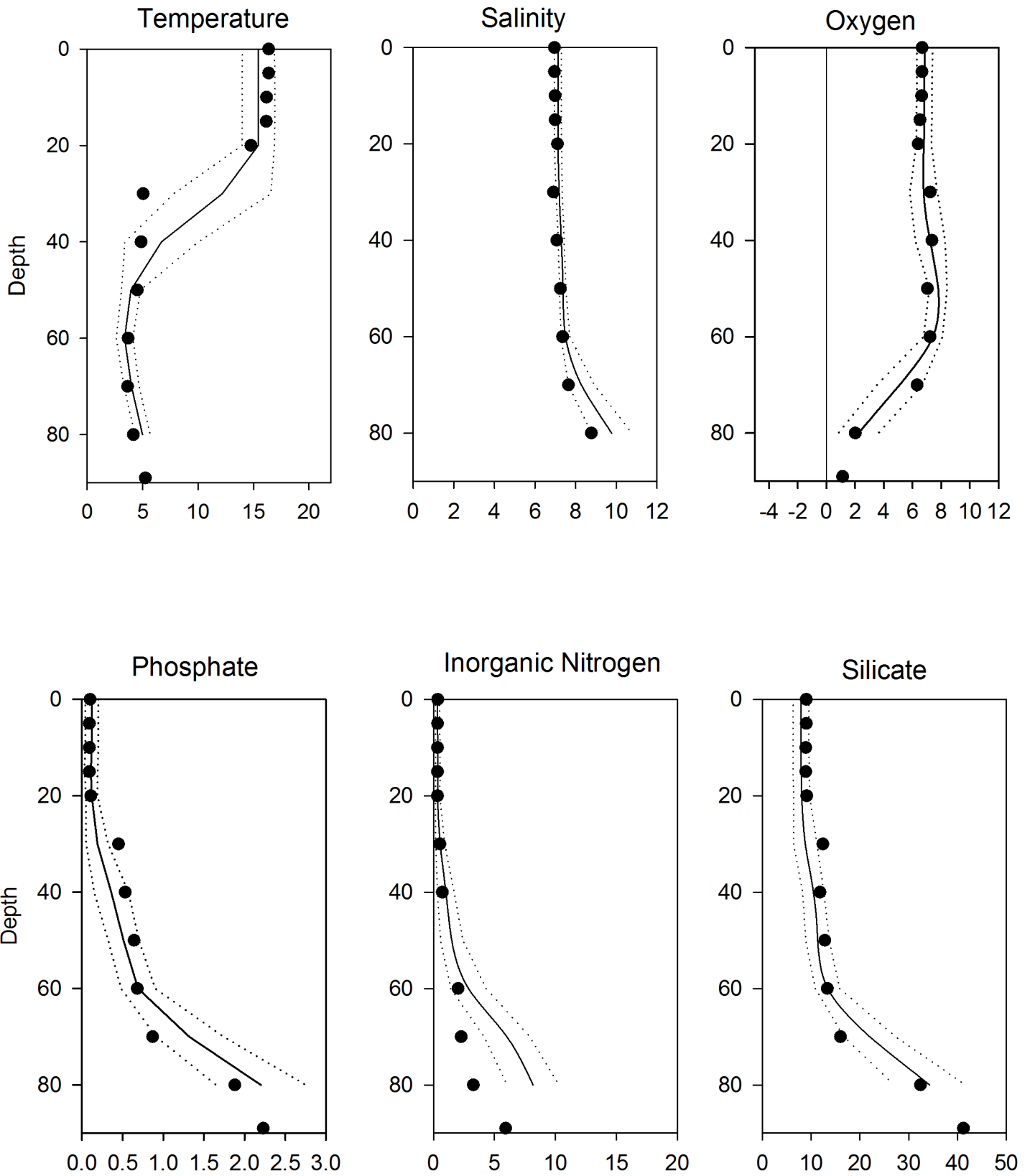


OXYGEN IN BOTTOM WATER (depth > 80m)



Vertical profiles BCS III-10 September

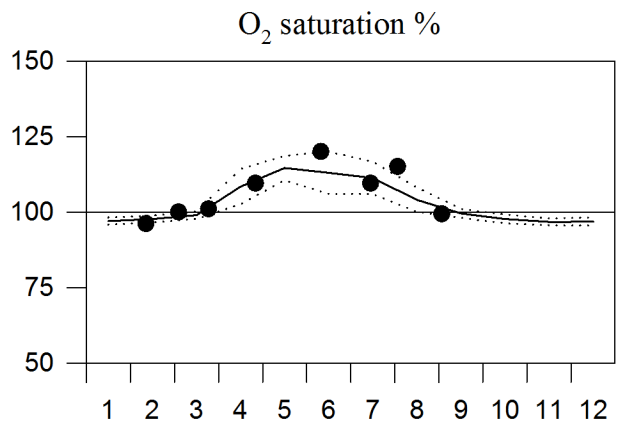
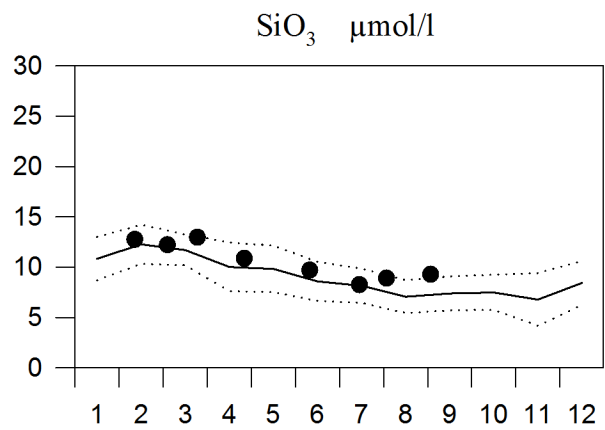
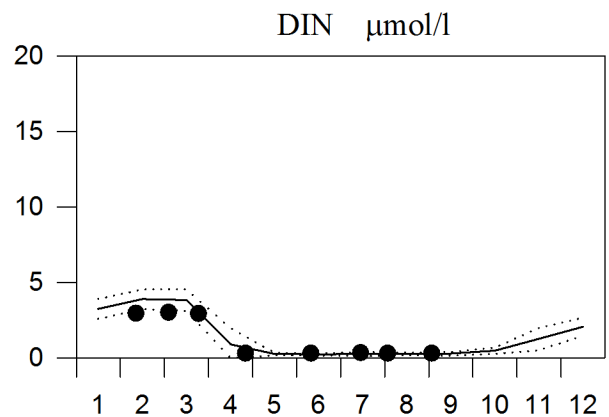
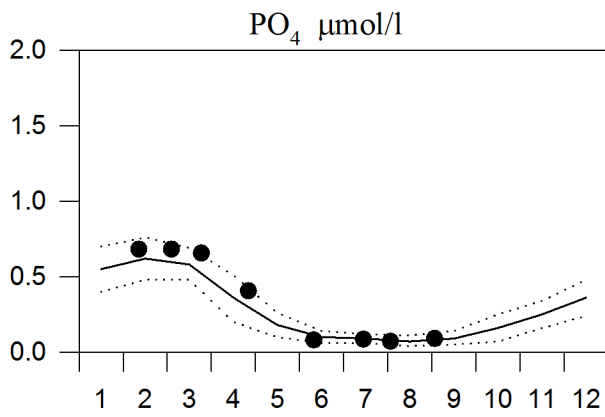
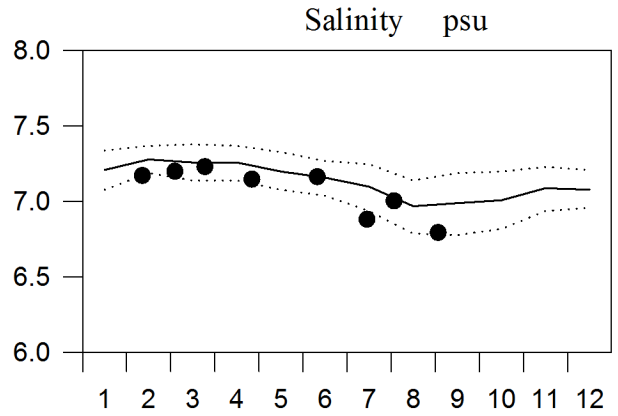
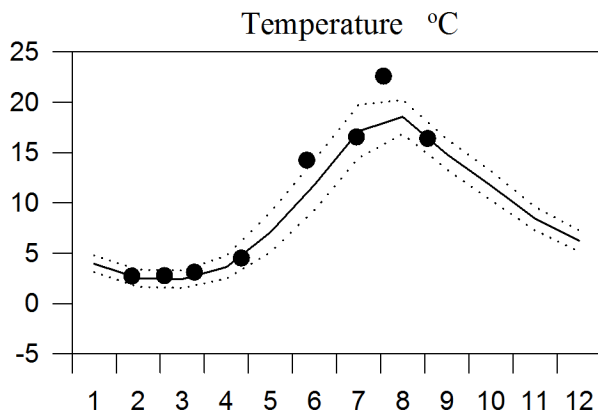
— Mean 1996-2010 St.Dev. ● 2014



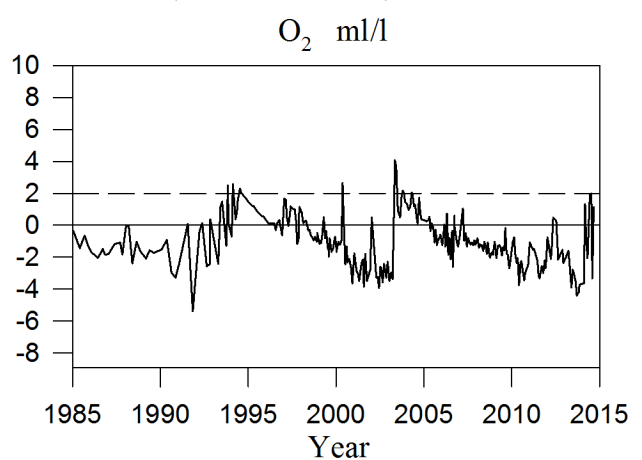
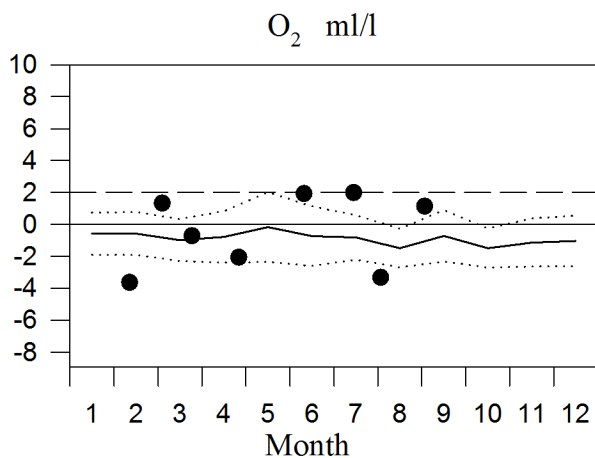
STATION BY10 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

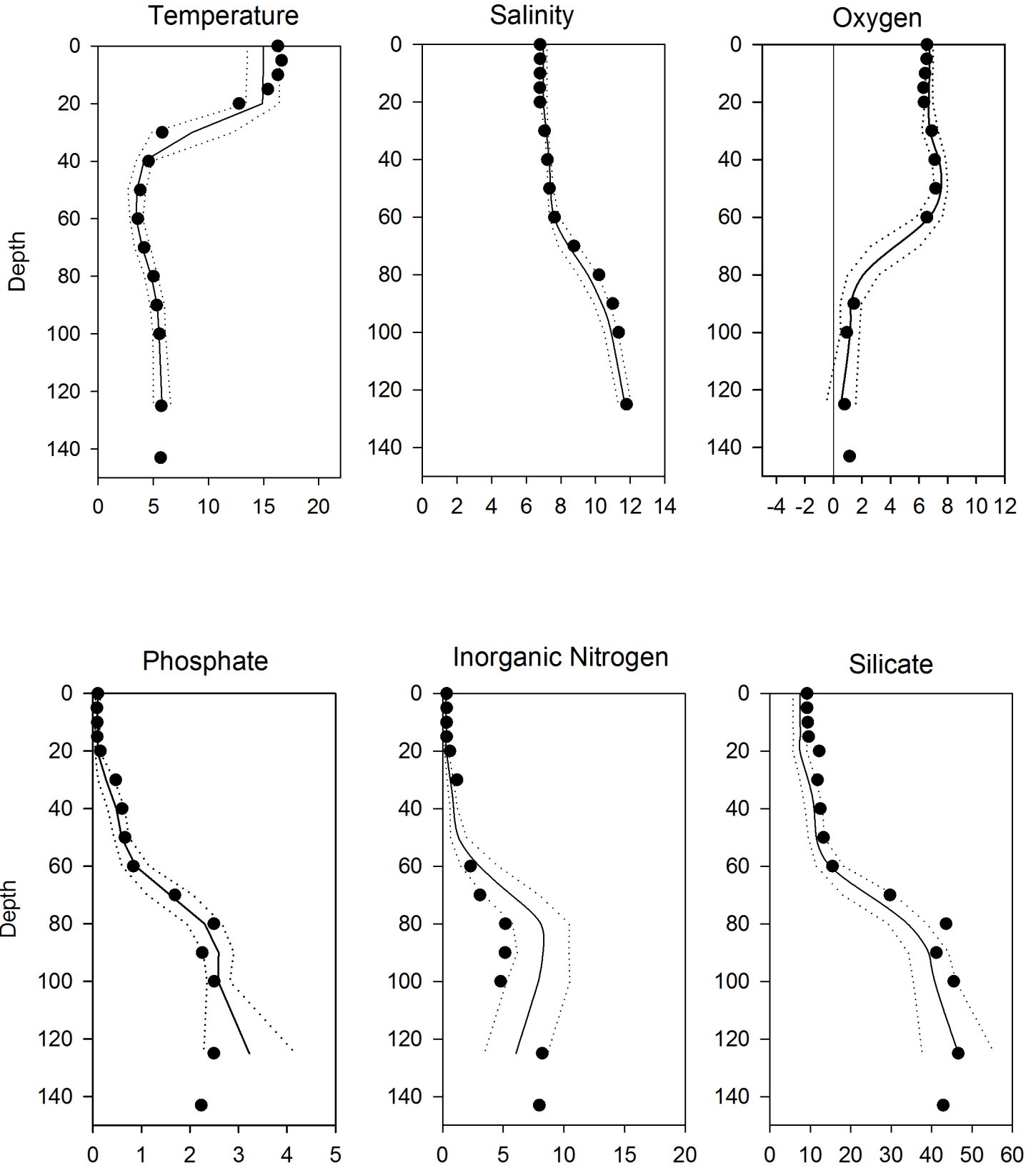


OXYGEN IN BOTTOM WATER (depth >125m)



Vertical profiles BY10 September

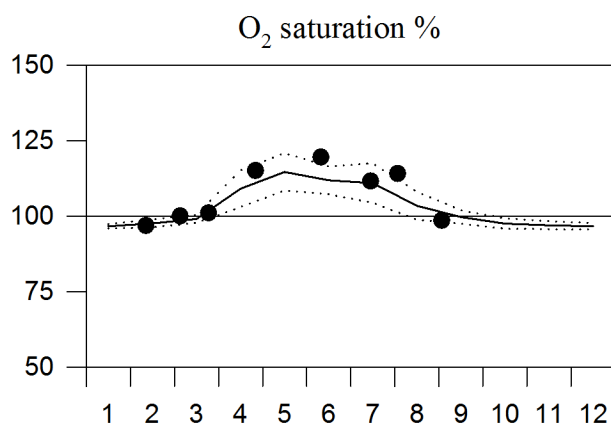
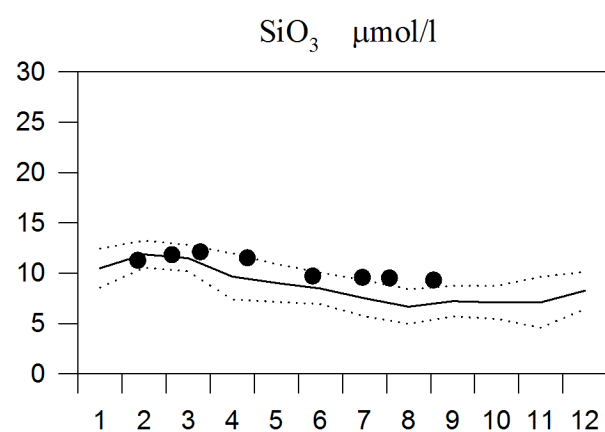
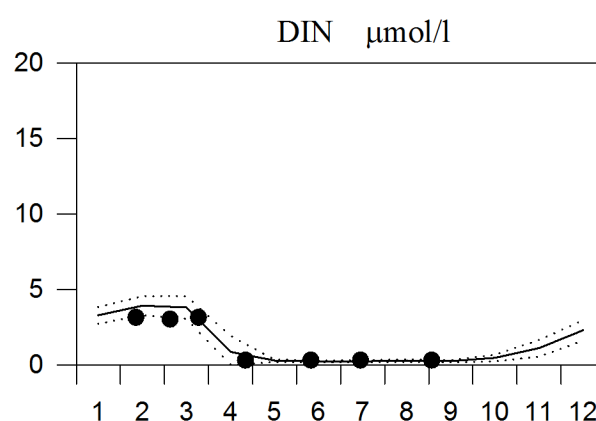
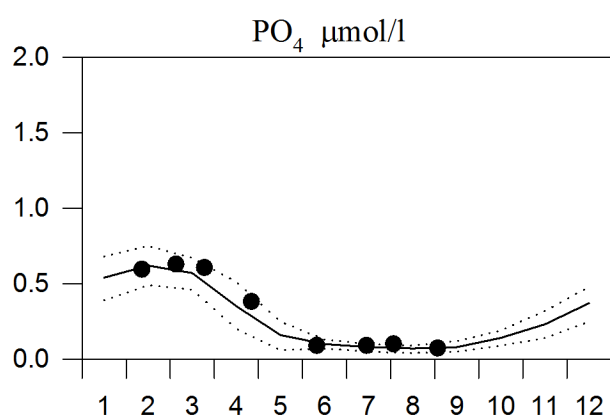
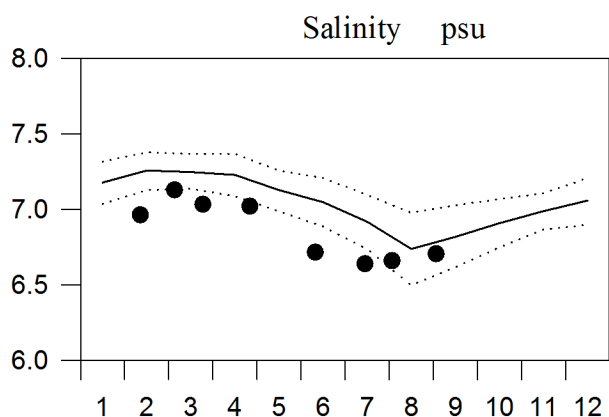
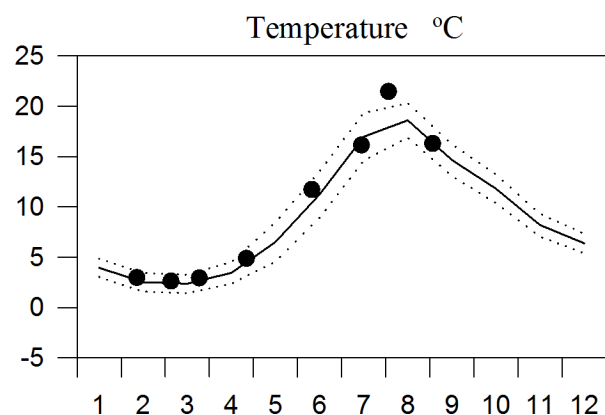
— Mean 1996-2010 St.Dev. ● 2014



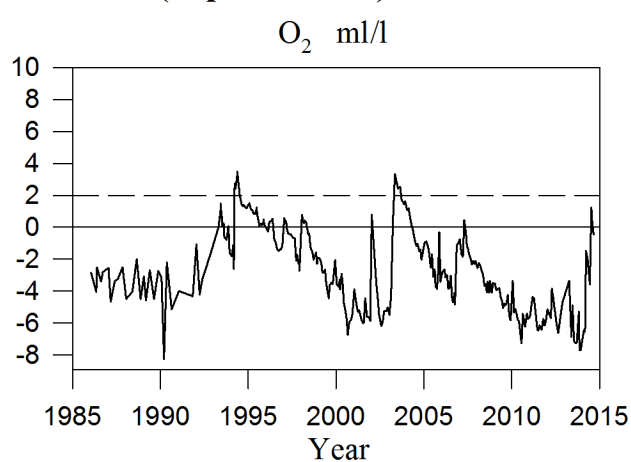
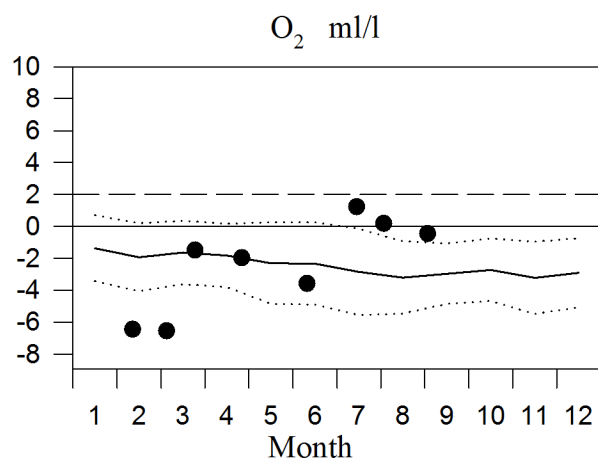
STATION BY15 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



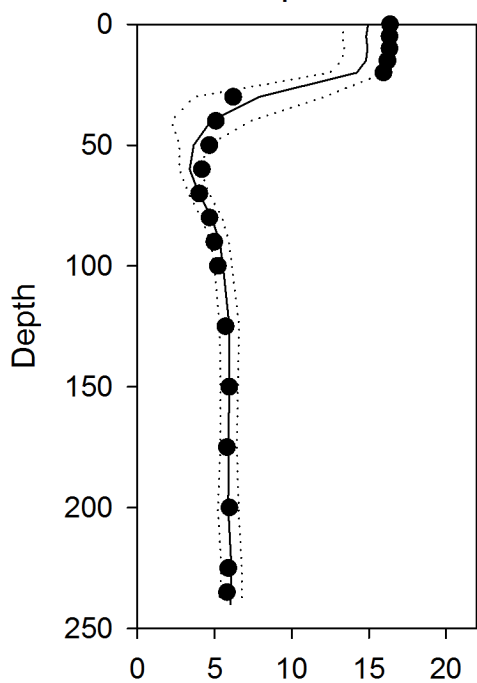
OXYGEN IN BOTTOM WATER (depth >225m)



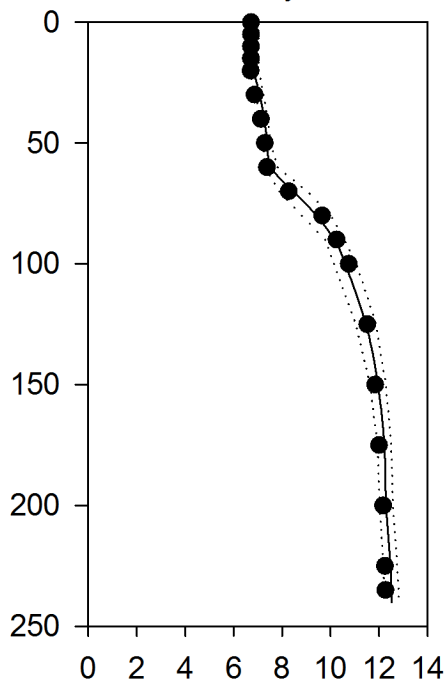
Vertical profiles BY15 September

— Mean 1996-2010 St.Dev. ● 2014

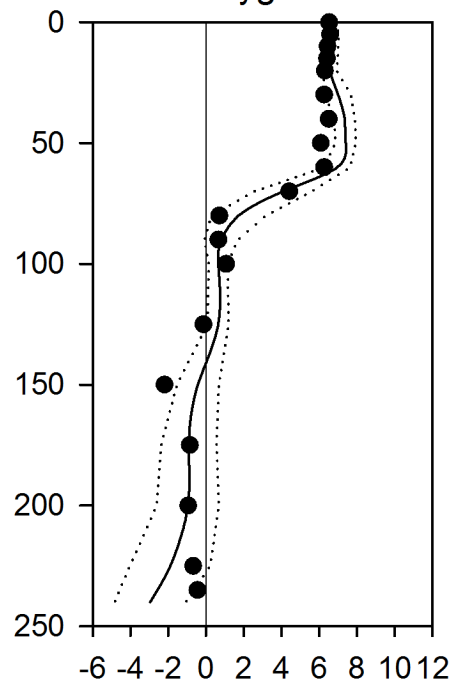
Temperature



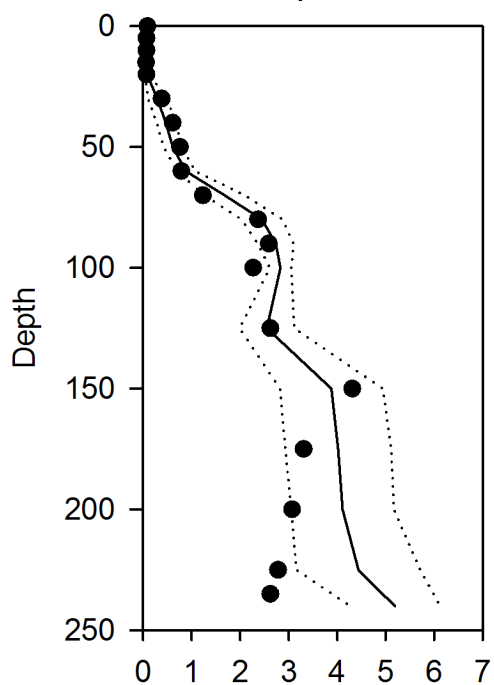
Salinity



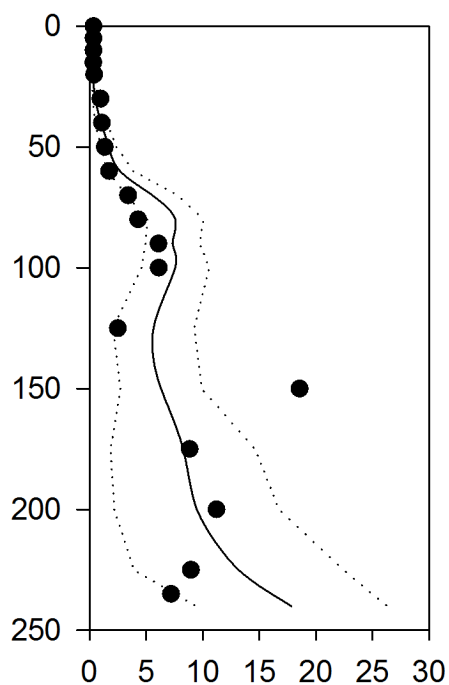
Oxygen



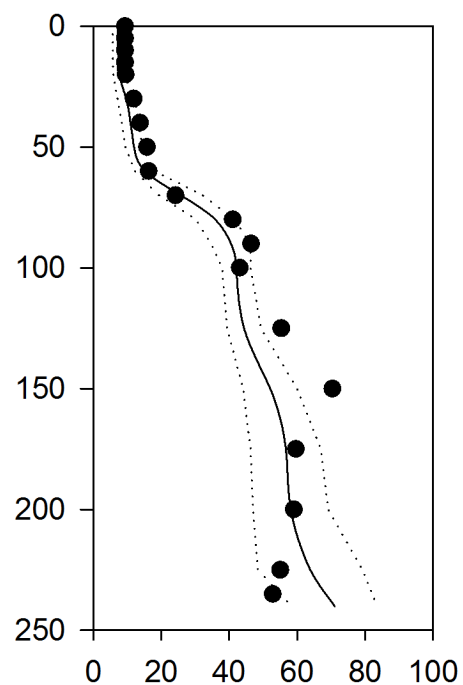
Phosphate



Inorganic Nitrogen



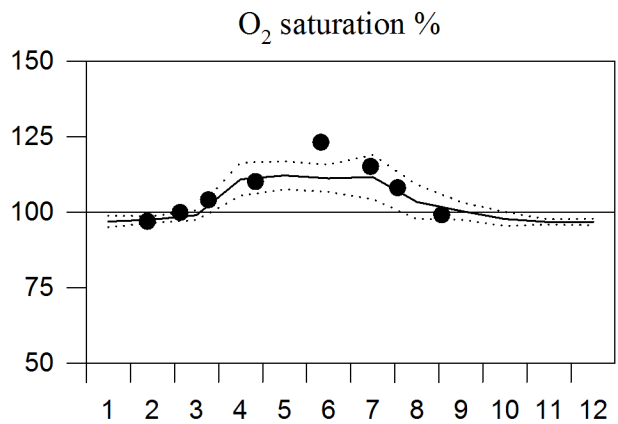
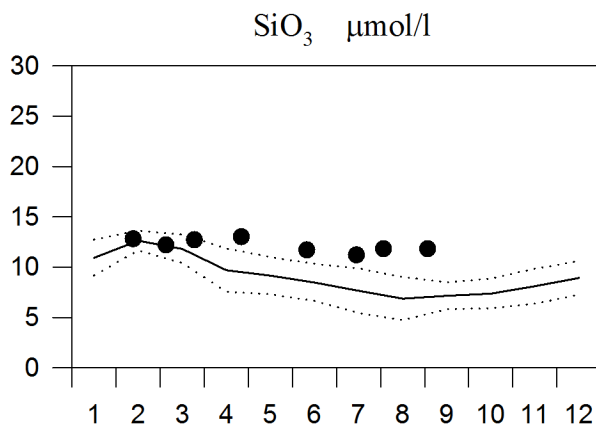
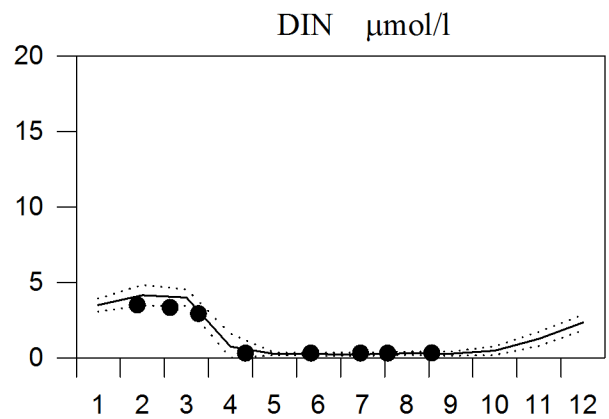
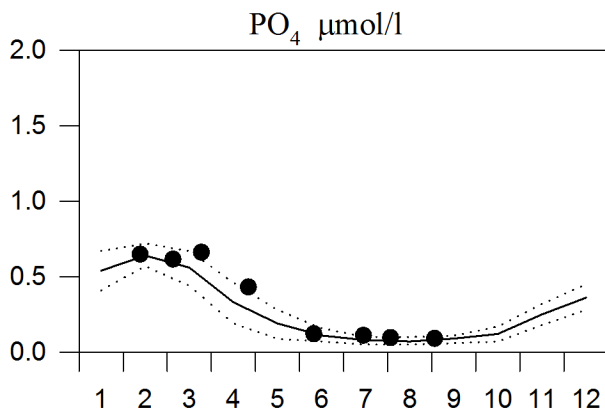
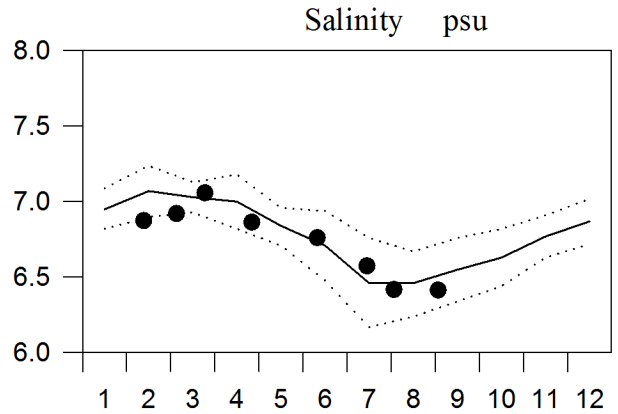
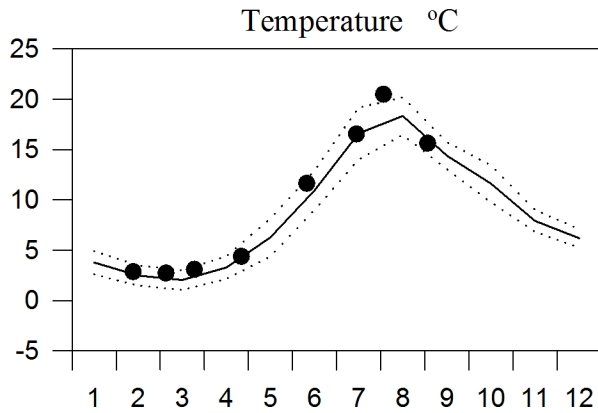
Silicate



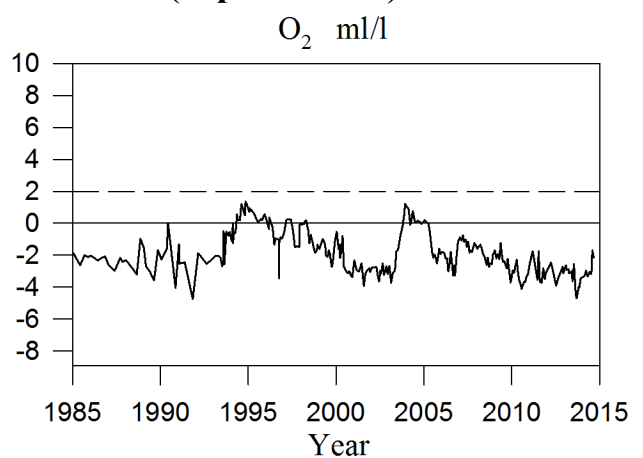
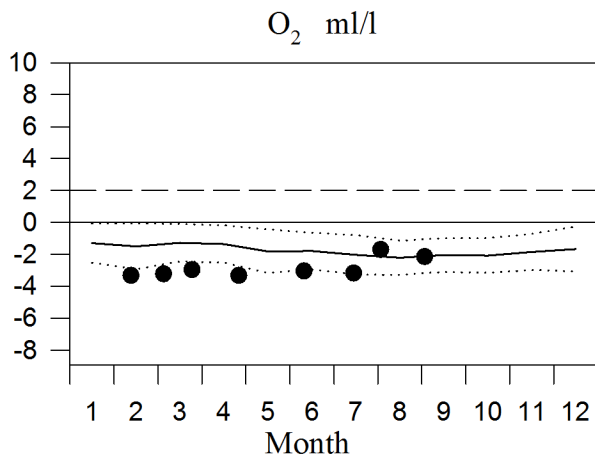
STATION BY20 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



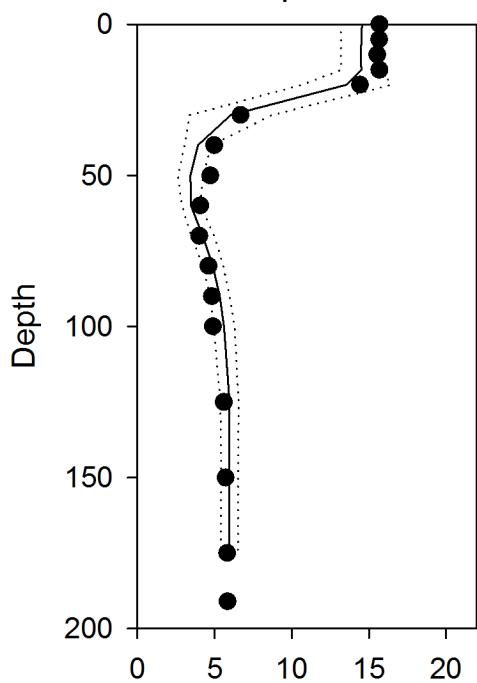
OXYGEN IN BOTTOM WATER (depth >175m)



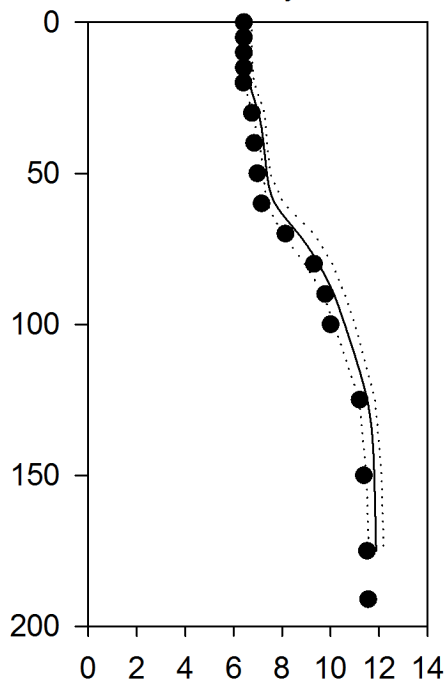
Vertical profiles BY20 September

— Mean 1996-2010 St.Dev. ● 2014

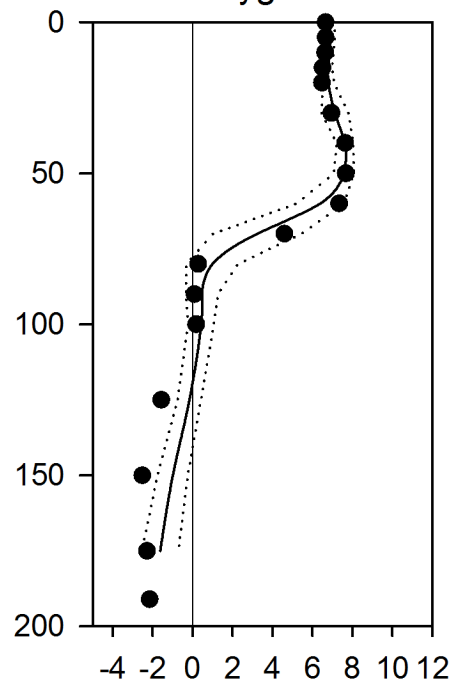
Temperature



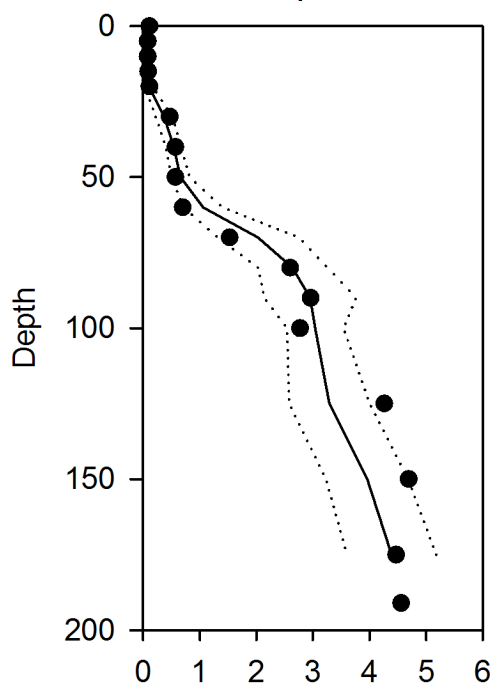
Salinity



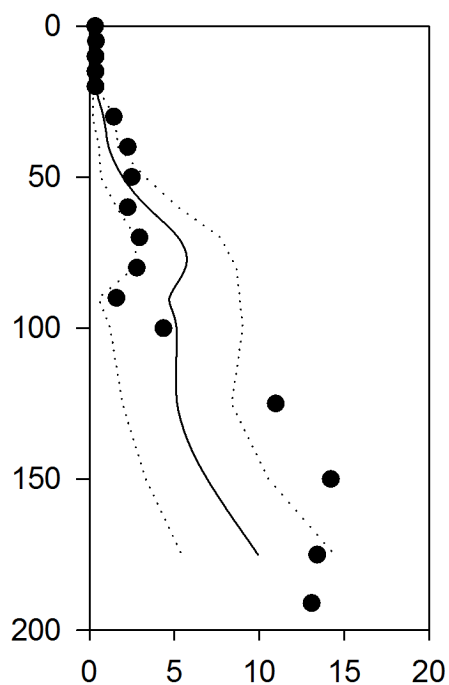
Oxygen



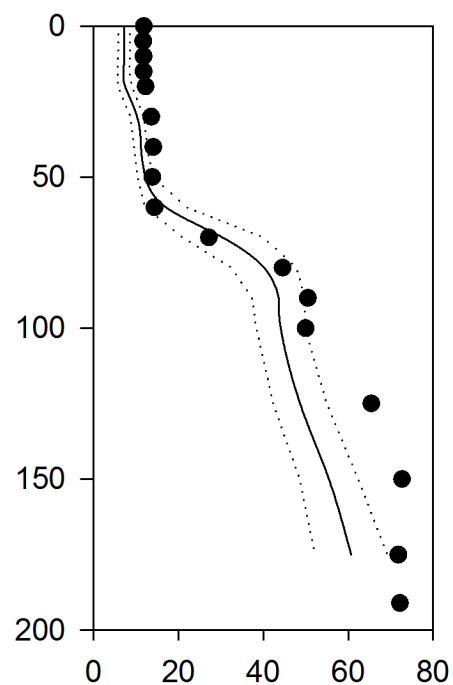
Phosphate



Inorganic Nitrogen



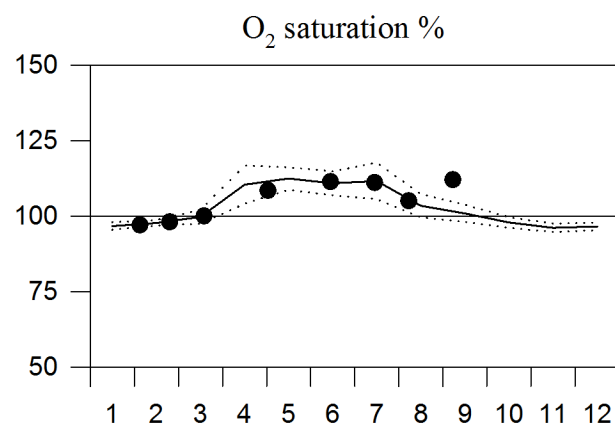
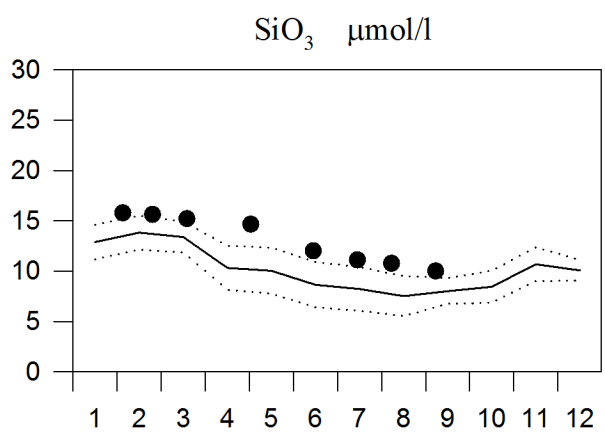
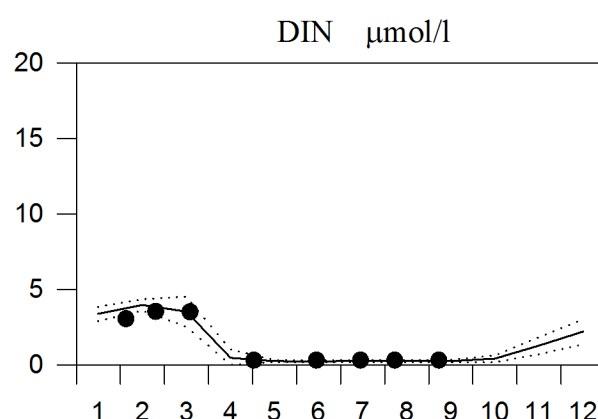
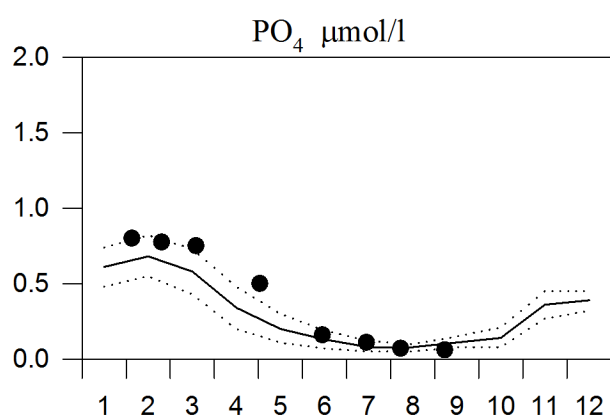
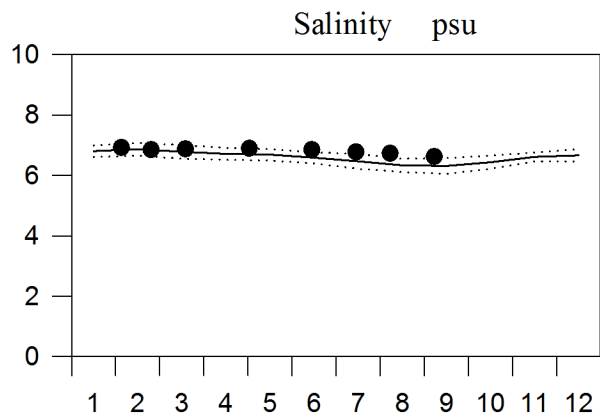
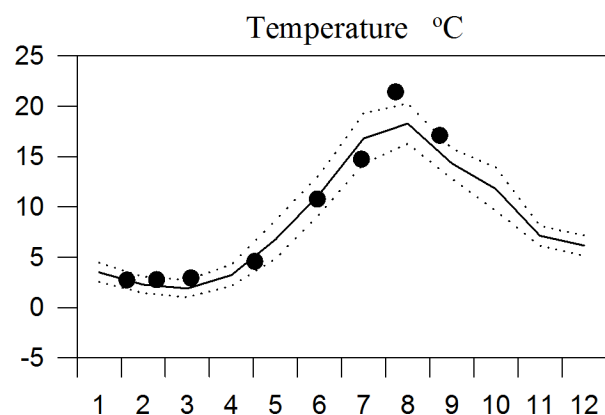
Silicate



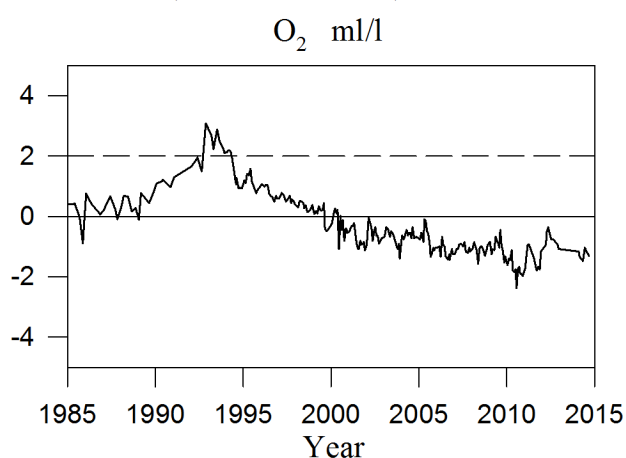
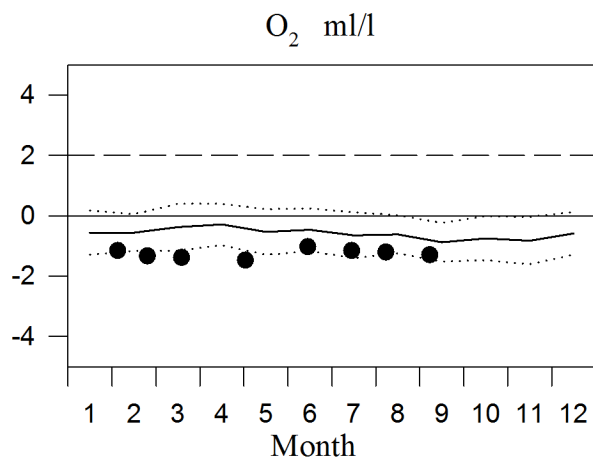
STATION BY32 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

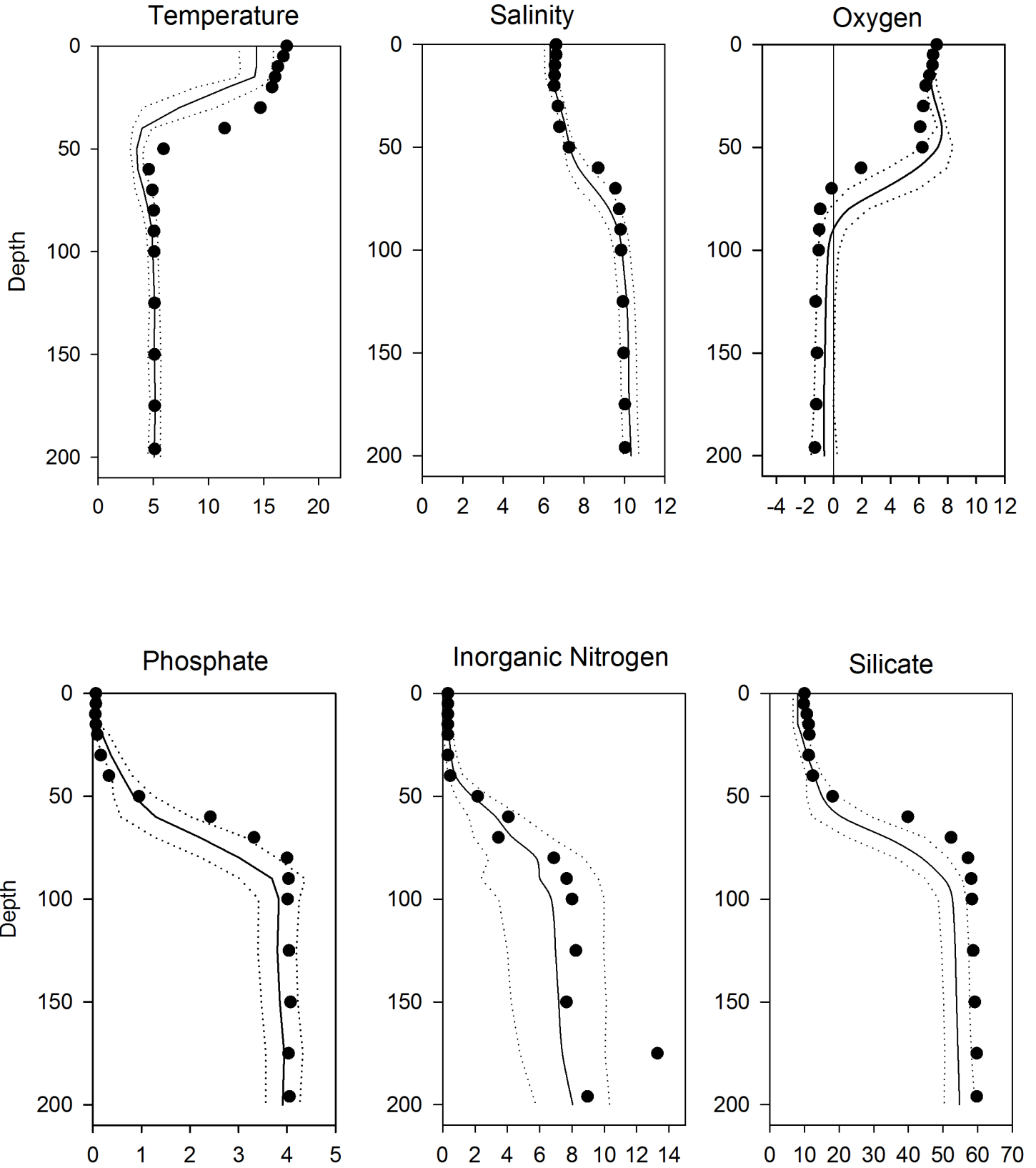


OXYGEN IN BOTTOM WATER (depth > 175m)



Vertical profiles BY32 September

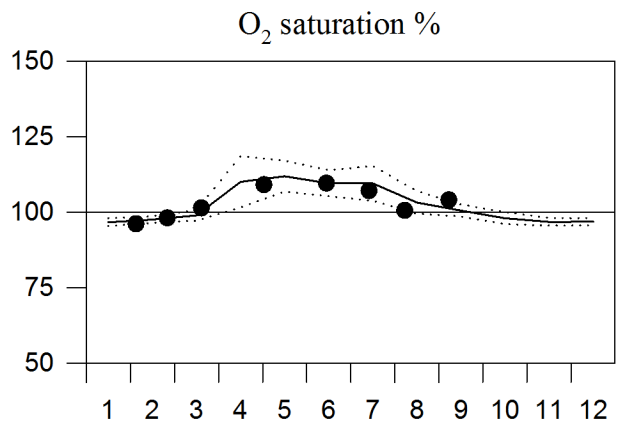
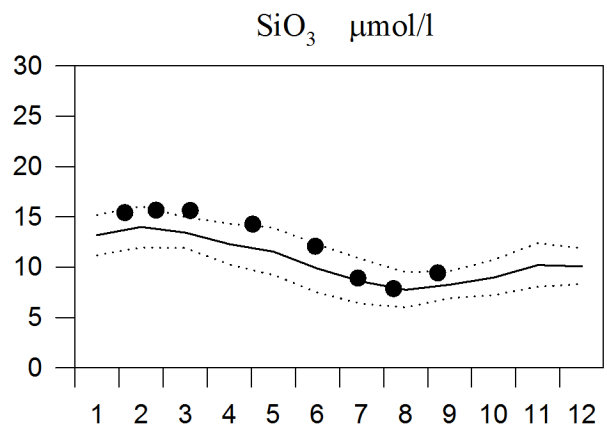
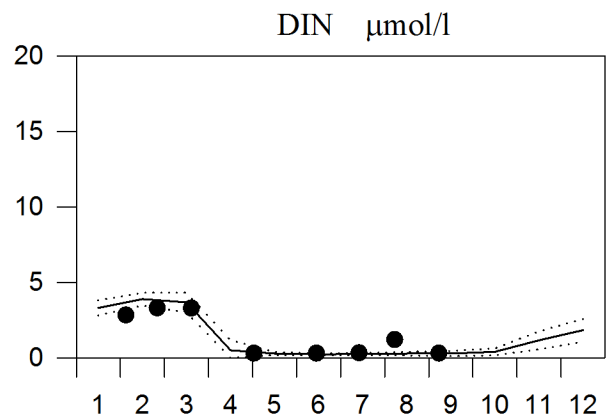
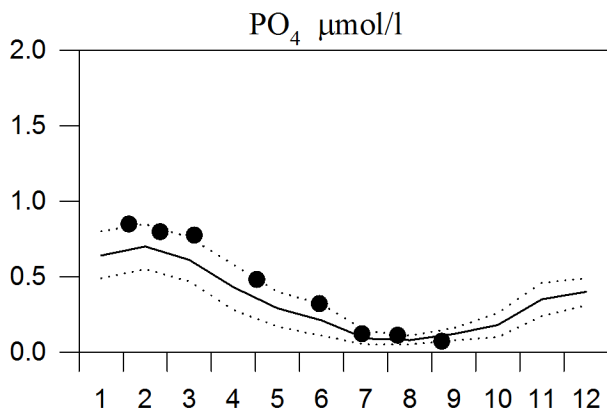
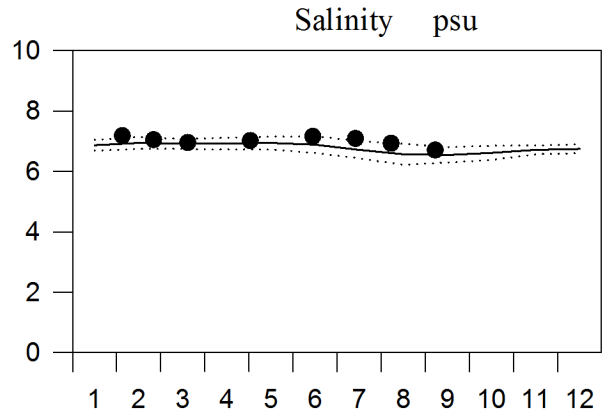
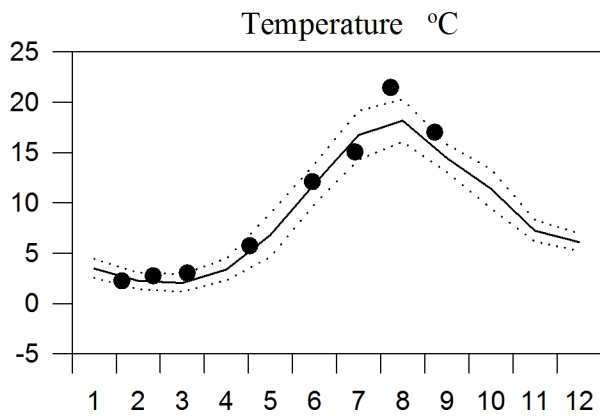
— Mean 1996-2010 St.Dev. ● 2014



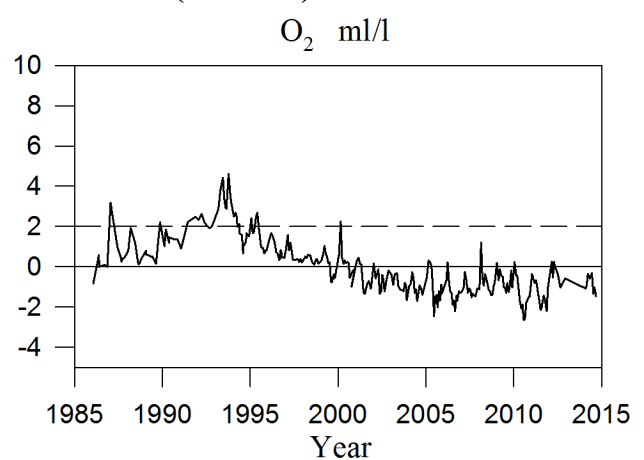
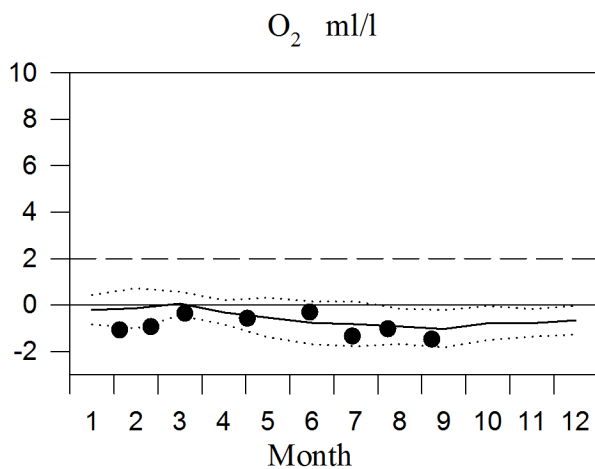
STATION BY38 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



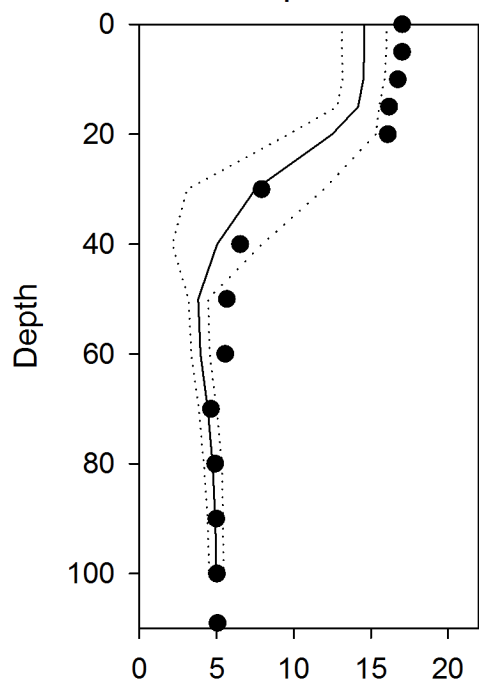
OXYGEN IN BOTTOM WATER (> 100m)



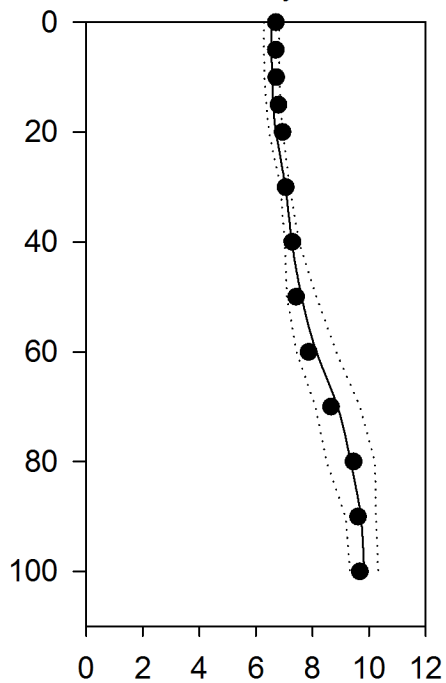
Vertical profiles BY38 September

— Mean 1996-2010 St.Dev. ● 2014

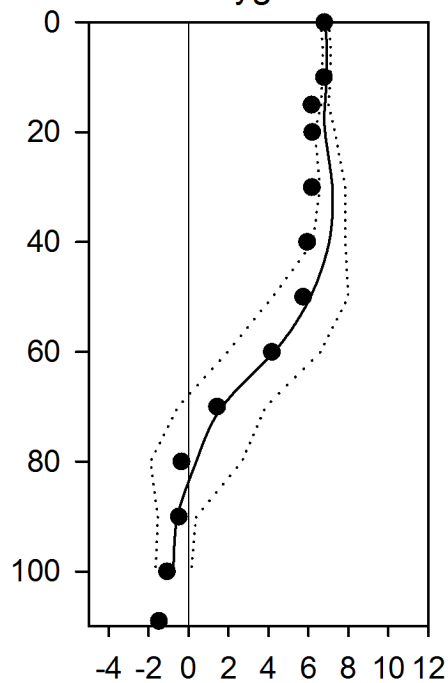
Temperature



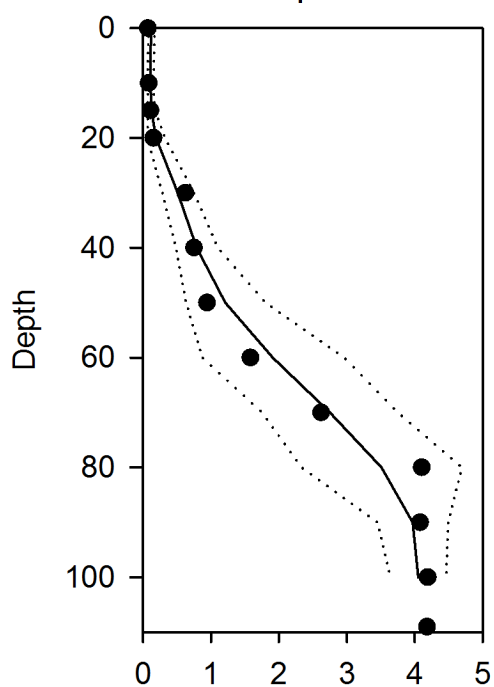
Salinity



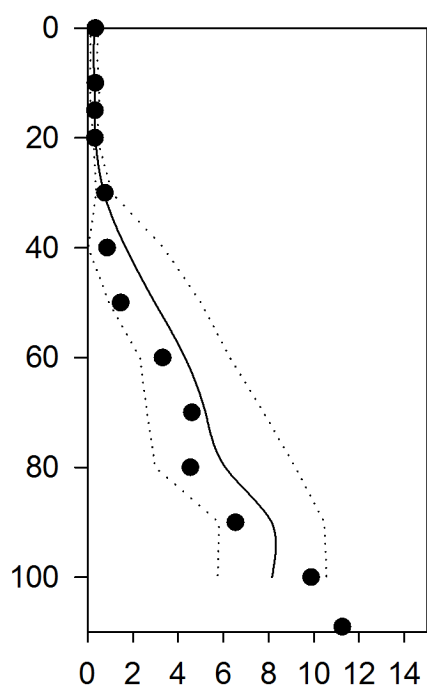
Oxygen



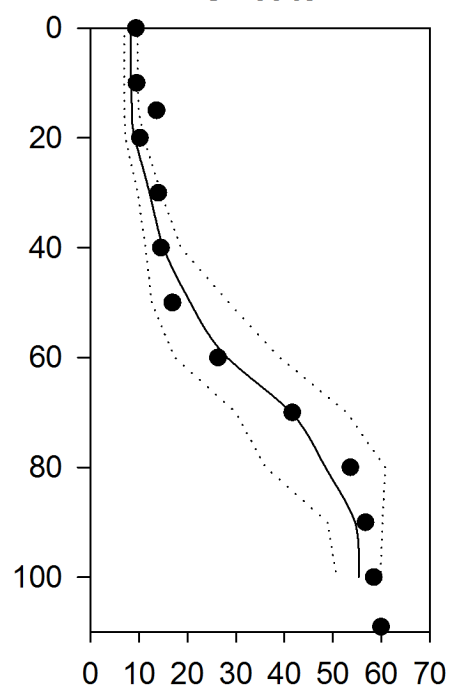
Phosphate



Inorganic Nitrogen



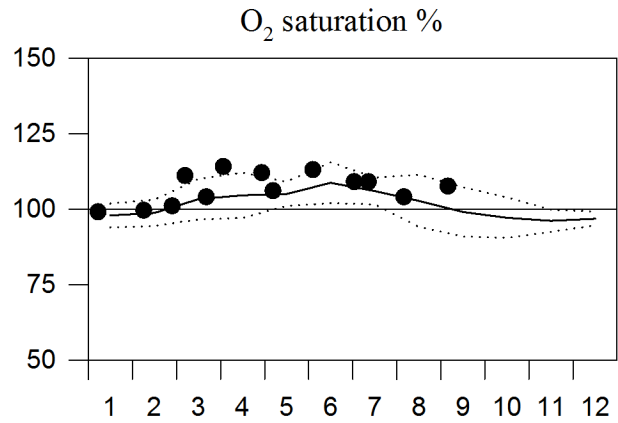
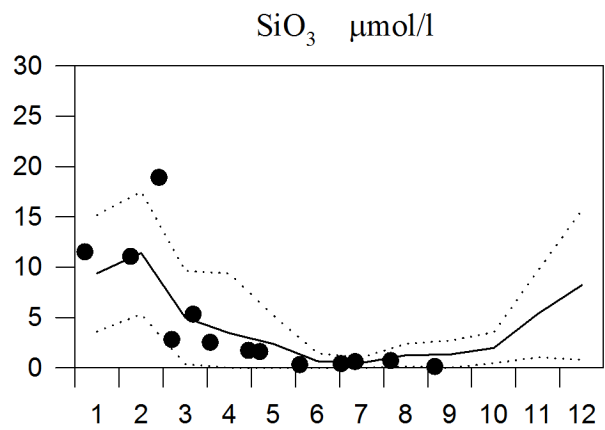
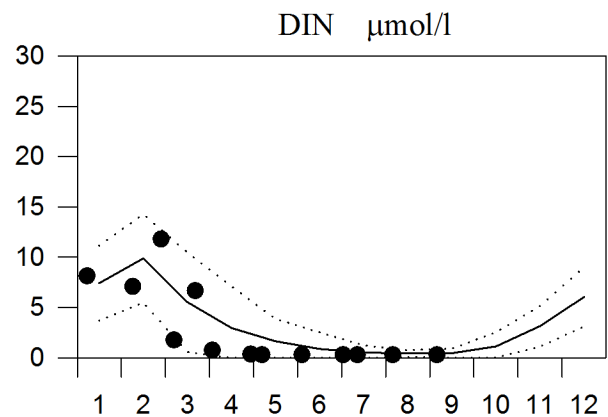
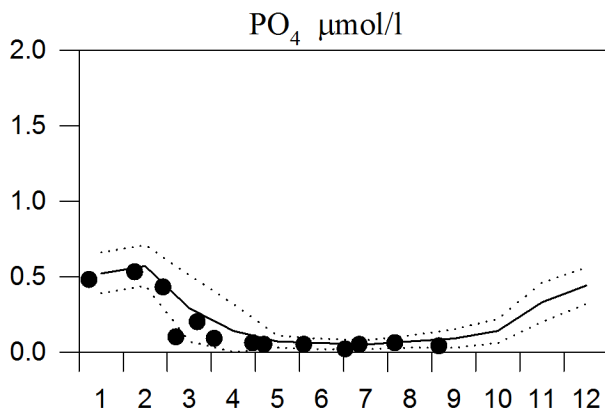
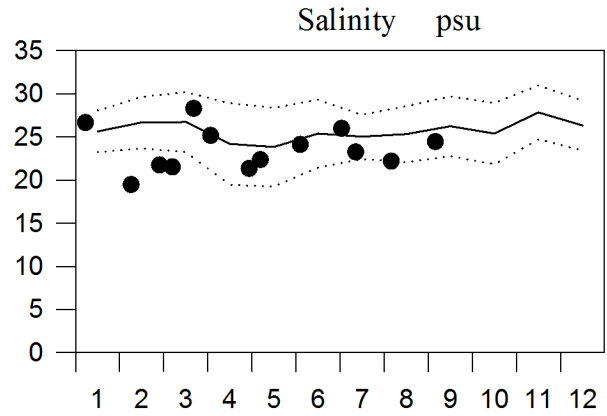
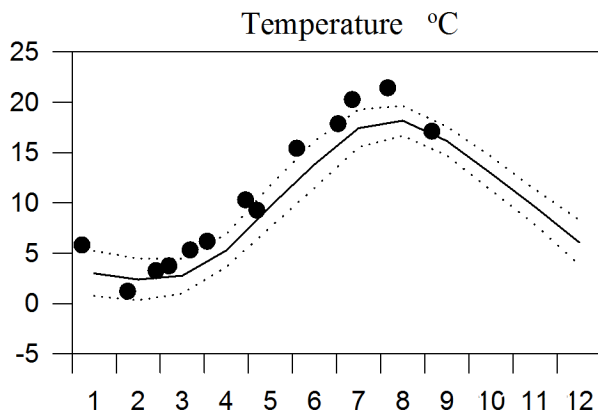
Silicate



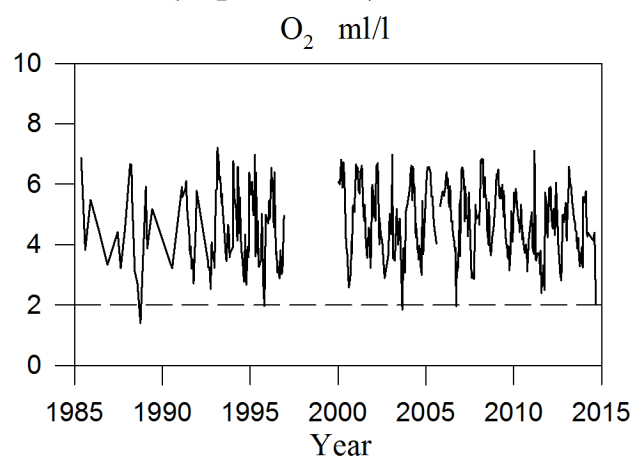
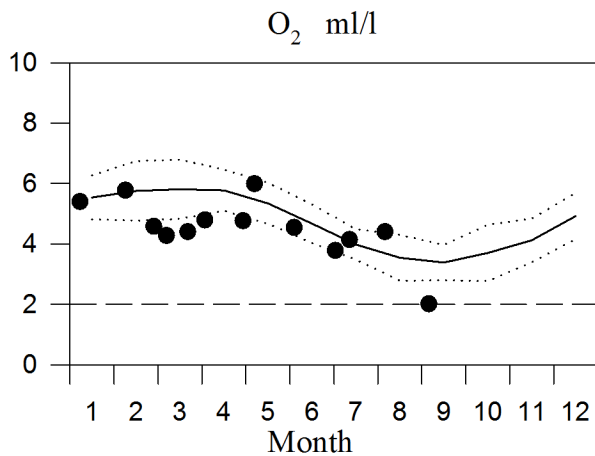
STATION SLÄGGÖ SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

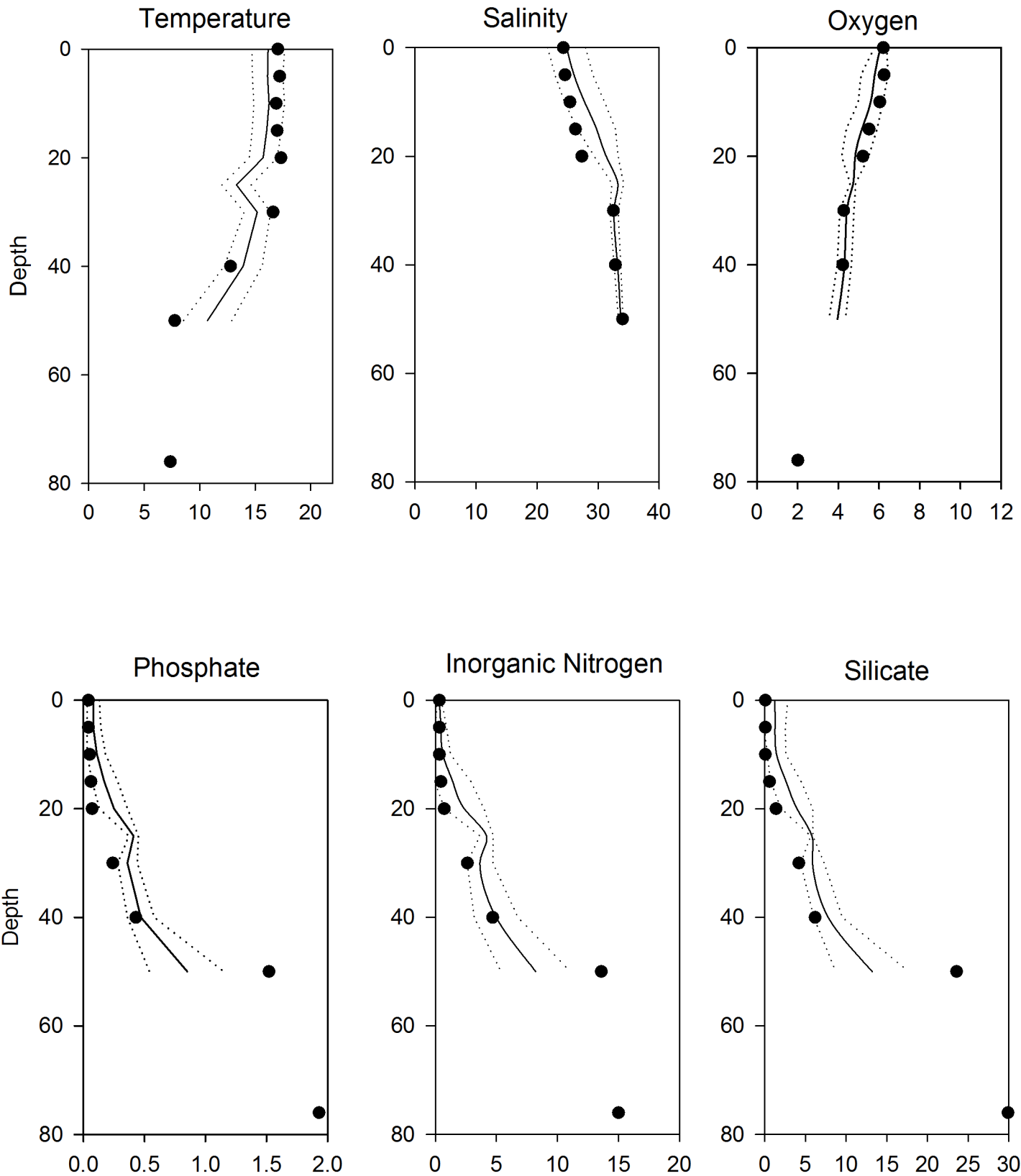


OXYGEN IN BOTTOM WATER (depth >50m)



Vertical profiles Släggö September

— Mean 1996-2010 St.Dev. ● 2014



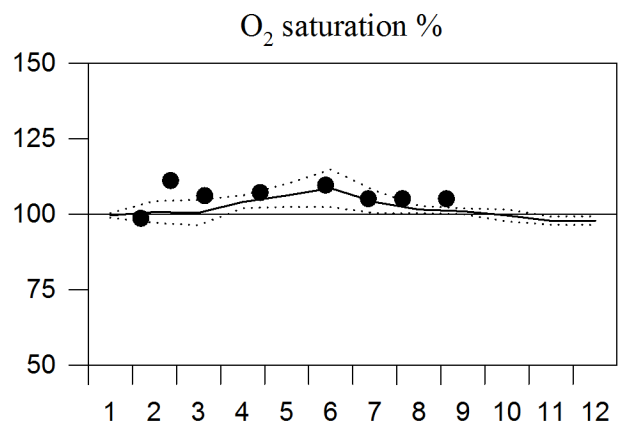
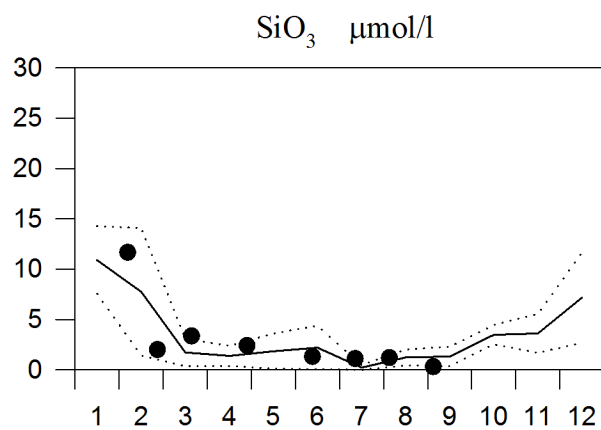
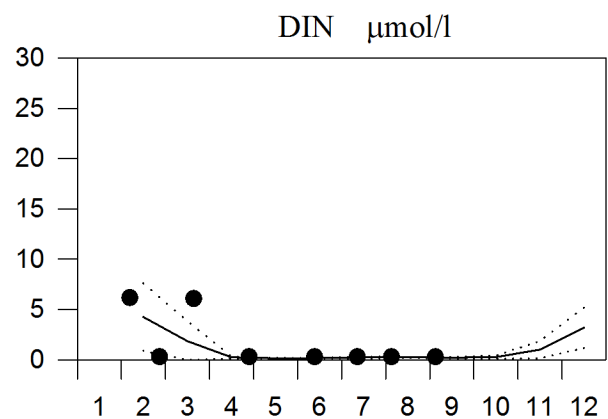
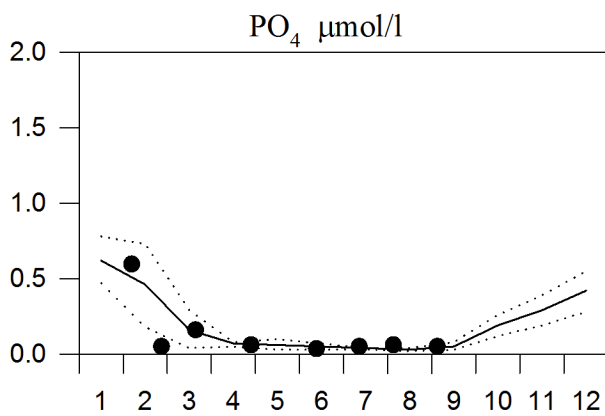
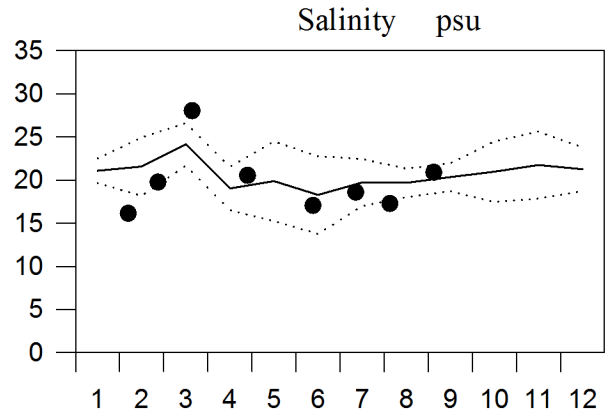
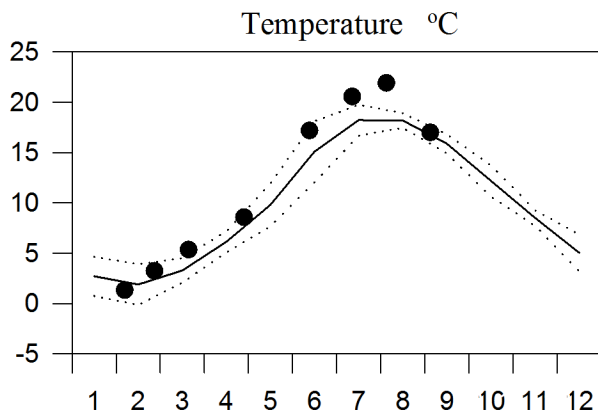
STATION N14 Falkenberg SURFACE WATER

Annual Cycles

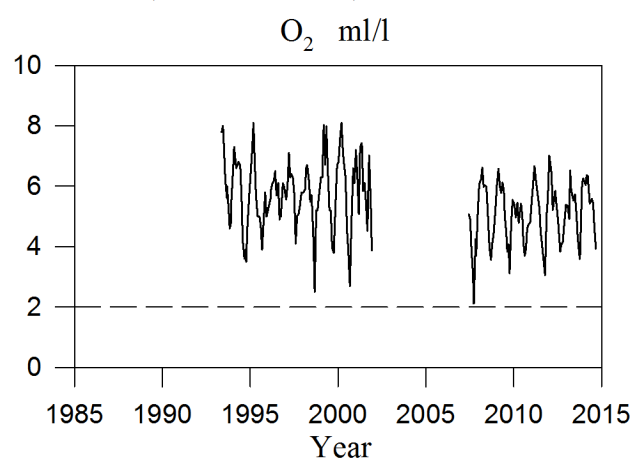
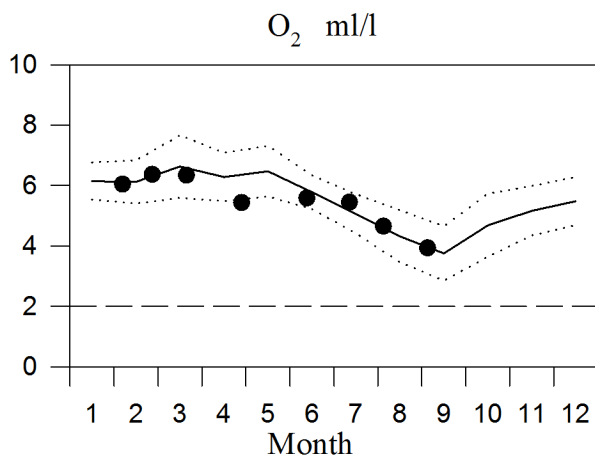
— Mean 2007-2010

..... St.Dev.

● 2014



OXYGEN IN BOTTOM WATER (depth > 25m)



Vertical profiles N14 Falkenberg September

— Mean 1996-2010 St.Dev. ● 2014

