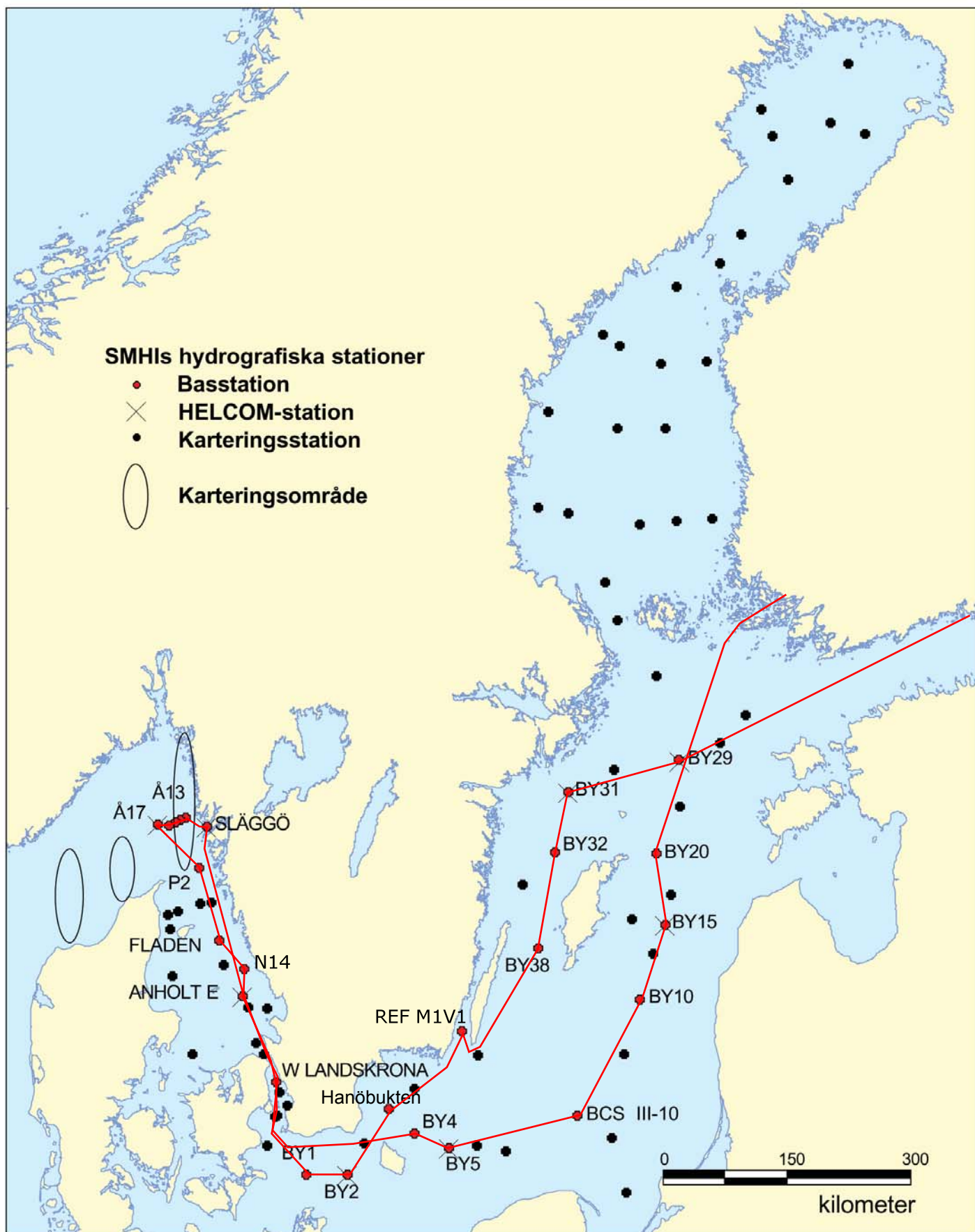


TRACKCHART
Country: Sweden
Ship: R/V ARANDA
Date: 20141108-20141115
Series: 0747-0771



Date: 2014-11-15
Time: 07:05

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 PPCPZT C Cilyooa mTPBw PrP l	No de	T e a m l p i g n	P h x 2 o y S 4 t P P	O H x 2 o y S 4 t P P	T N x 2 o y S 4 t P P	N N x 2 o y S 4 t P P	N T x 2 o y S 4 t P P	A S x 2 o y S 4 t P P	S H x 2 o y S 4 t P P	L P x 2 o y S 4 t P P	P T x 2 o y S 4 t P P	C O x 2 o y S 4 t P P	
0747	BPNX35BAS	BY29		N5853	E2019	20141108	2300	175		19 6	8.8	1015	9990	x --x----	16	x x	- x	x x	x x	x x	x x	x x	- x	- -	- -	- -	- x
0748	BPNX37BAS	BY31	LANDSORTSDJ	N5835	E1814	20141109	0720	447	10	29 7	9.4	1017	4930	x -xxxx--	23	x x	x x	x x	x x	x x	x x	x x	- -	- -	- -	- x	
0749	BPWX38BAS	BY32	NORRKÖPINGS DJ	N5801	E1759	20141109	1310	200	10	19 6	9	1018	2730	x --x----	17	x x	- x	x x	x x	x x	x x	- x	- -	- -	- -	- x	
0750	BPWX45BAS	BY38	KARLSÖDJ	N5707	E1740	20141109	2010	109		15 13	9.2	1017	9990	x --x----	14	x x	- x	x x	x x	x x	x x	- x	- -	- -	- -	- -	
0751	BPWK01BAS	REF M1V1		N5622.25	E1612.1	20141110	0615	18		18 8	10.6	1012	2830	x -xxxx--	5	x x	x x	- x	x x	x x	x x	x x	- -	- -	- -	- -	
0752	BPSH05BAS	HANÖBUKTEN		N5537	E1452	20141110	1325	78	7	20 7	11.1	1009	2830	x --x----	11	x x	- x	- x	x x	x x	x x	- x	- -	- -	- -	- -	
0753	BPSA03BAS	BY2	ARKONA	N5500	E1405	20141110	1850	47		22 6	10.1	1010	9990	x -xxxx--	8	x x	- x	- x	x x	x x	x x	- x	- -	- -	- -	- x	
0754	BPSA02BAS	BY1		N5500	E1318	20141110	2210	46		23 10	10.3	1011	9990	x --x----	8	x x	- x	- x	x x	x x	x x	- x	- -	- -	- -	- -	
0755	SOCX39BAS	W	LANDSKRONA	N5552.0	E1245.0	20141111	0420	50		21 5	9.5	1011	9990	x --x----	9	x x	- x	- x	x x	x x	x x	- x	- -	- -	- -	- -	
0756	KAEX29BAS	ANHOLT E		N5640.0	E1207.0	20141111	1000	63	9	20 9	9.6	1013	2730	x -xxxx--	10	x x	x x	- x	x x	x x	x x	x x	- -	- -	- -	- -	
0757	KANX50BAS	N14	FALKENBERG	N5656.40	E1212.70	20141111	1212	31	8.5	19 7	9.6	1014	2830	x -xxxx--	7	x x	x x	- x	x x	x x	x x	x x	- -	- -	- -	- x	
0758	KANX25BAS	FLADEN		N5711.5	E1140	20141111	1530	85		15 6	10.8	1014	2730	- --x----	12	x x	- x	- x	x x	x x	x x	- x	- -	- -	- -	- x	
0759	SKEX23BAS	P2		N5752	E1118	20141111	2040	92		12 6	9.6	1015	9990	- --x----	10	x x	- x	- x	x x	x x	x x	- x	- -	- -	- -	- x	
0760	SKEX18BAS	Å17		N5816.5	E1030.8	20141112	0020	353		12 6	10.4	1015	9990	- --xx---	14	x x	x x	- -	- x	x x	- x	x x	- -	- -	- -	- x	
0761	SKEX16BAS	Å15		N5817.7	E1051	20141112	0250	135		08 10	8.1	1015	9990	- --x----	12	x x	- x	- -	x x	x x	- x	- x	- -	- -	- -	- x	
0762	SKEX14BAS	Å13		N5820.2	E1102	20141112	0420	100		09 10	7.6	1014	9990	- --x----	10	x x	- x	- -	x x	x x	- x	- x	- -	- -	- -	- x	
0763	FIBG27BAS	SLÄGGÖ		N5815.5	E1126.0	20141112	0645	76	5	08 10	7.2	1015	2730	- -xxx---	9	x x	- x	- -	- x	x x	- x	x x	- -	- -	- -	- x	
0764	KAEX29BAS	ANHOLT E		N5640.0	E1207.0	20141112	1920	50		11 12	10.6	1011	9990														

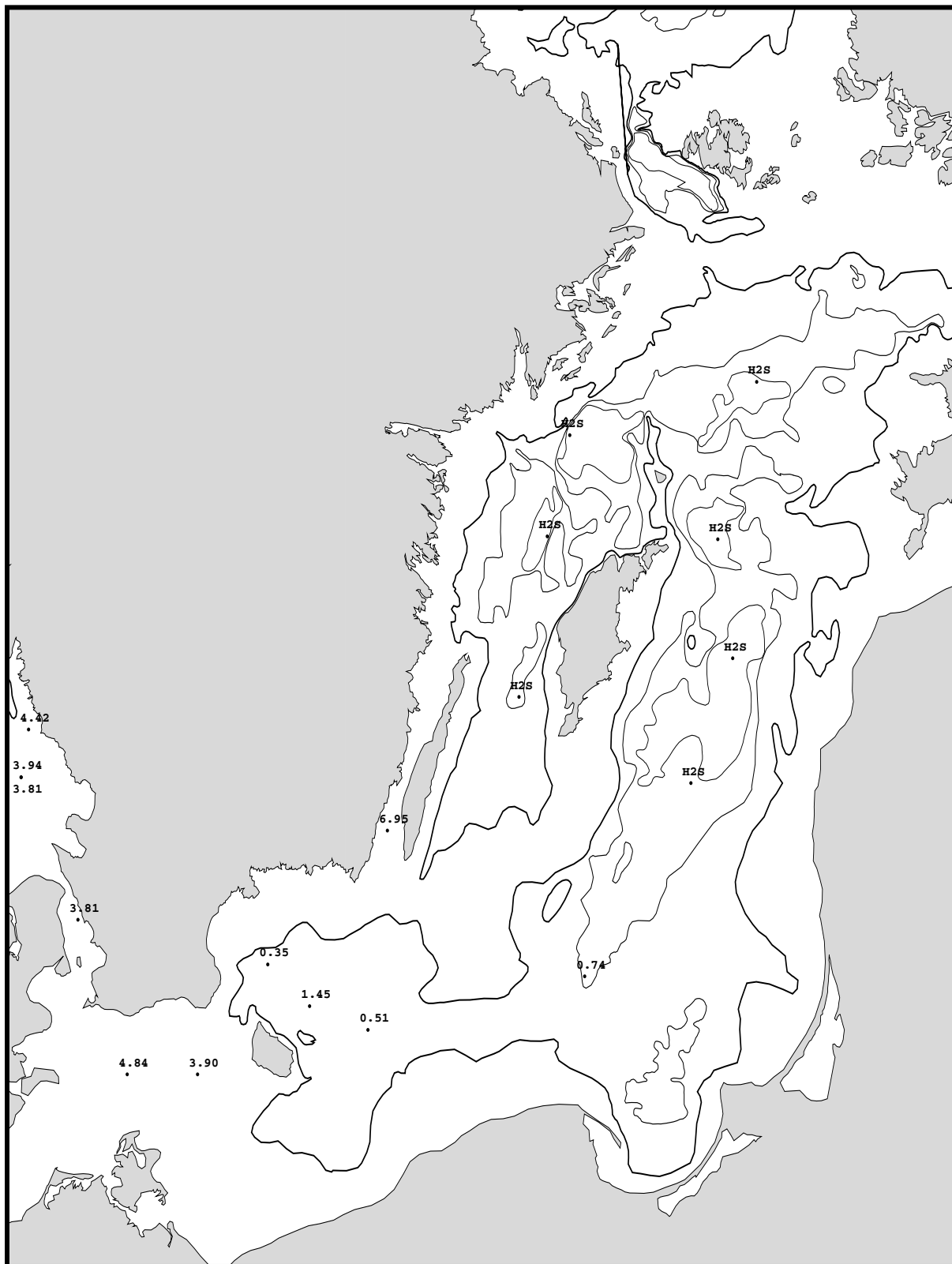
Bottom water oxygen concentration (ml/l)

Country: Finland

Ship : Aranda

Date : 20141108-20141114

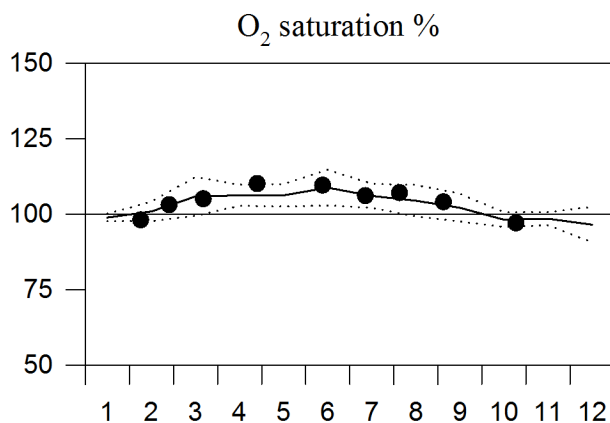
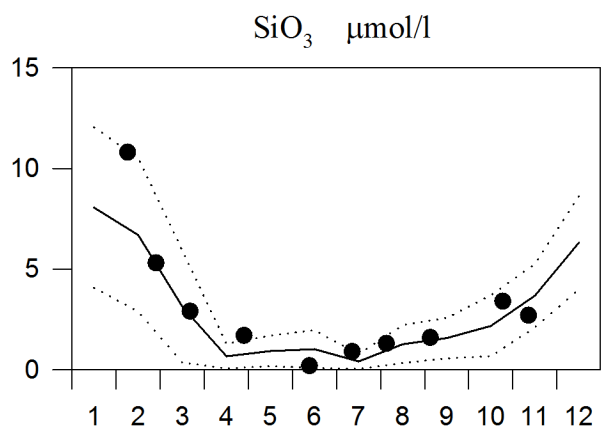
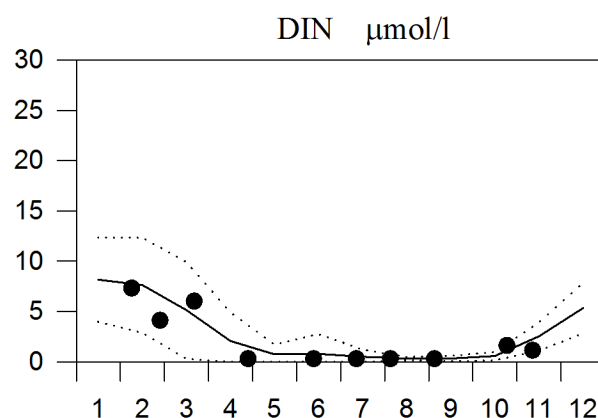
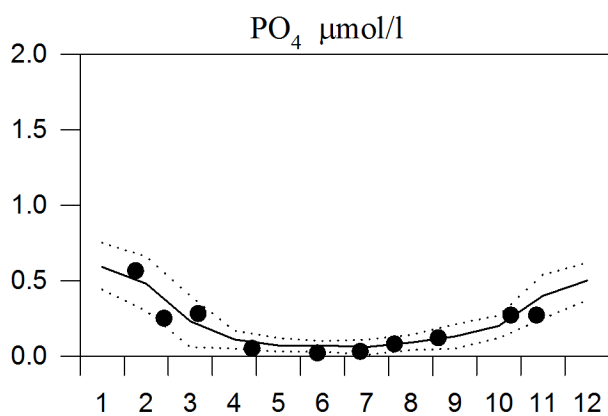
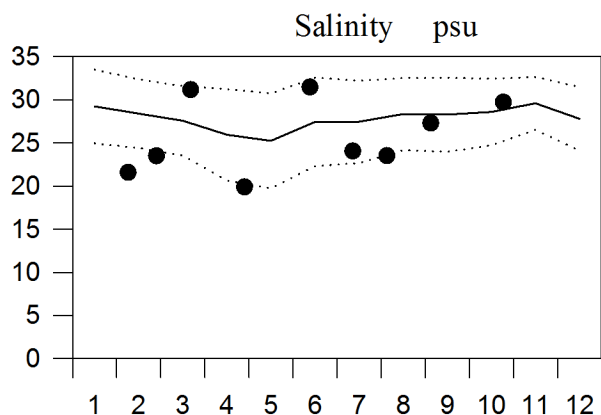
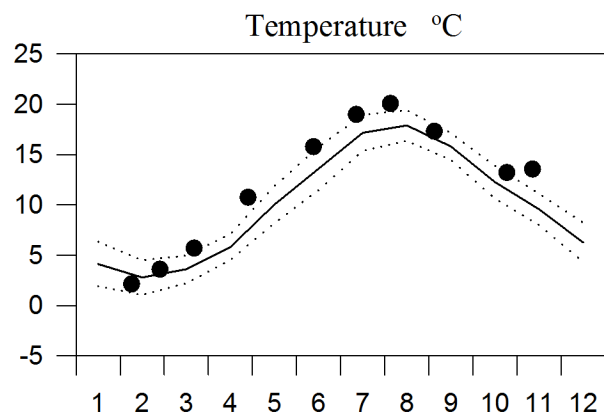
Series : 0747-0771



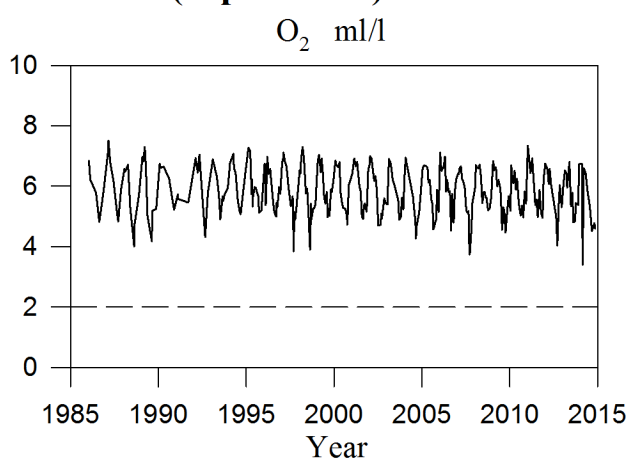
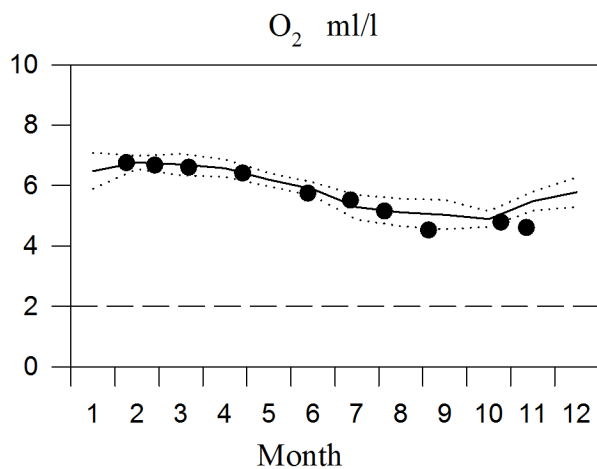
STATION P2 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

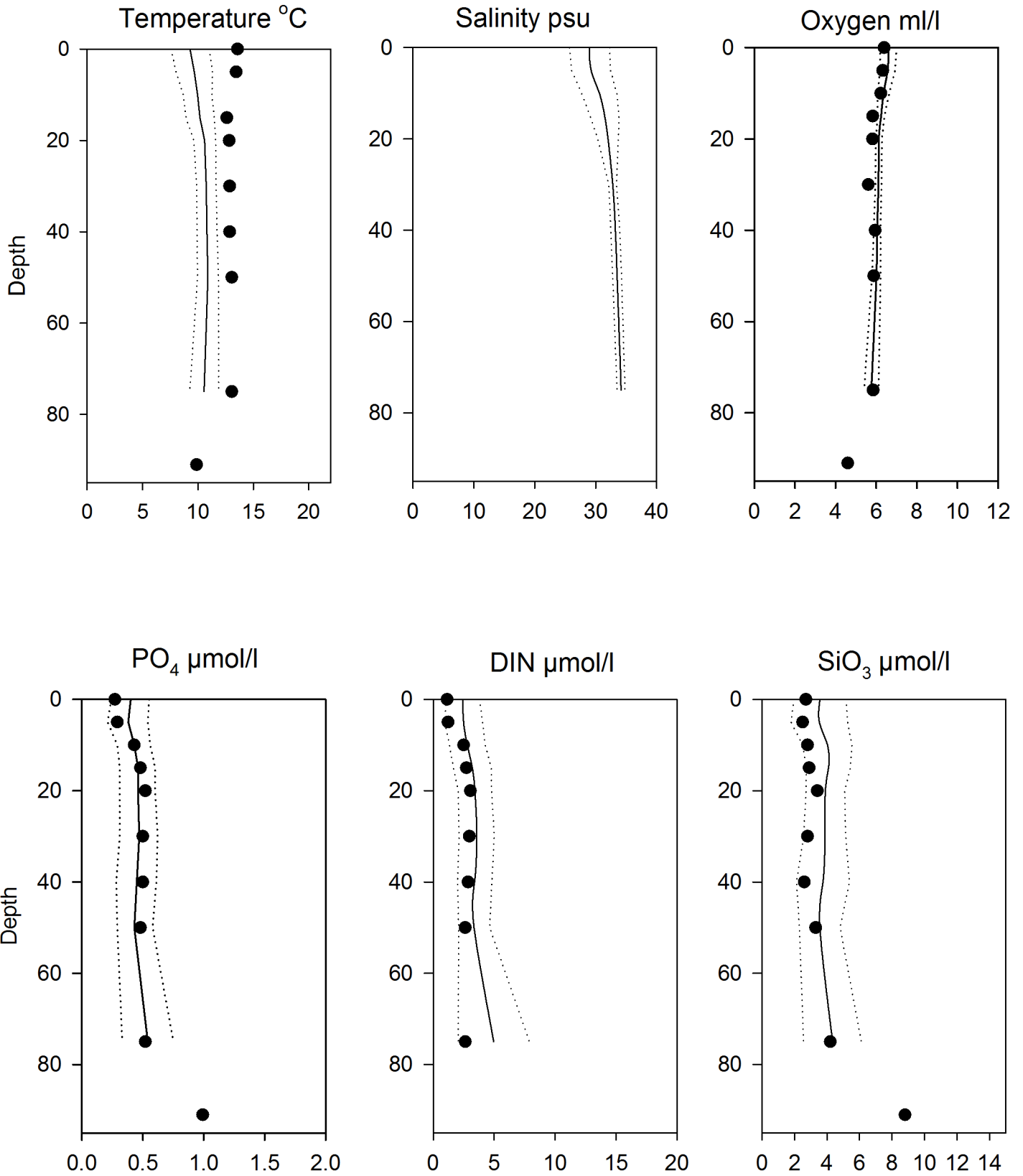


OXYGEN IN BOTTOM WATER (depth >75m)



Vertical profiles P2 November

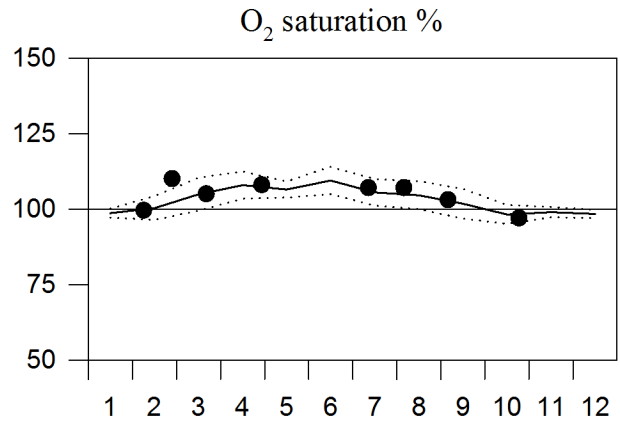
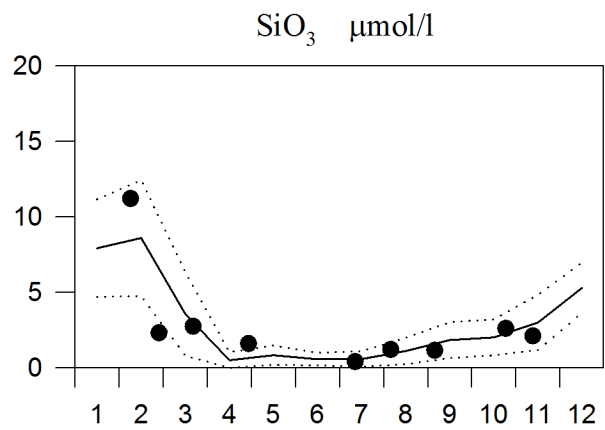
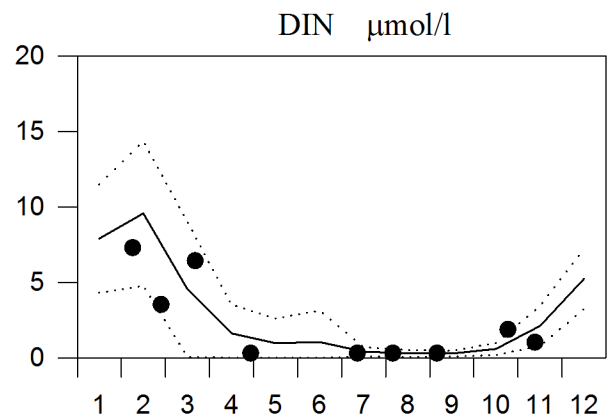
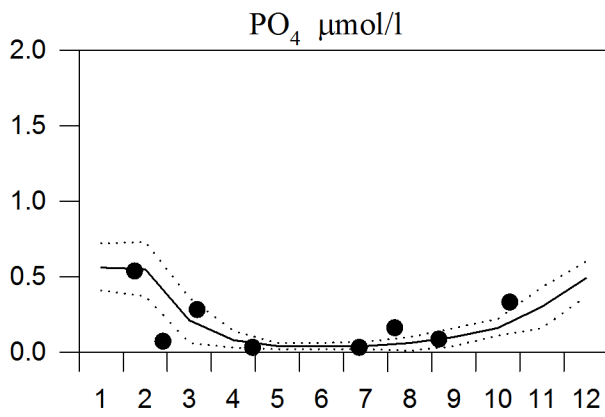
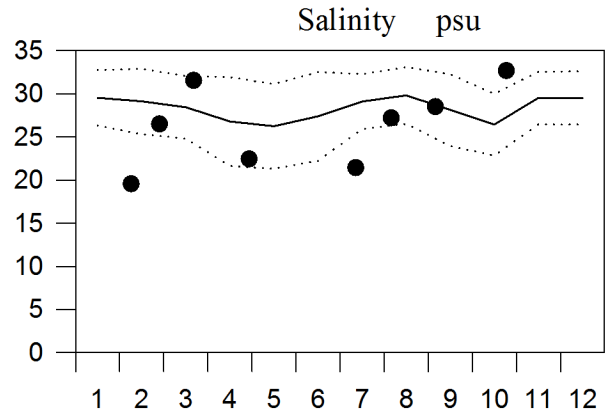
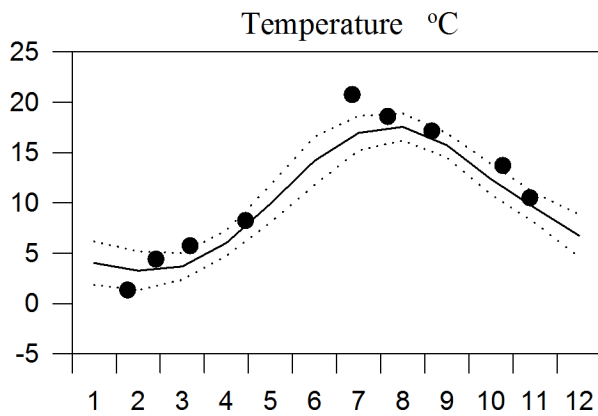
— Mean 1996-2010 St.Dev. ● 2014



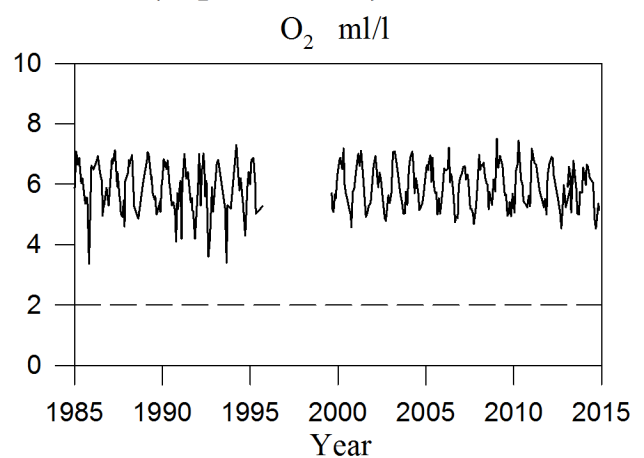
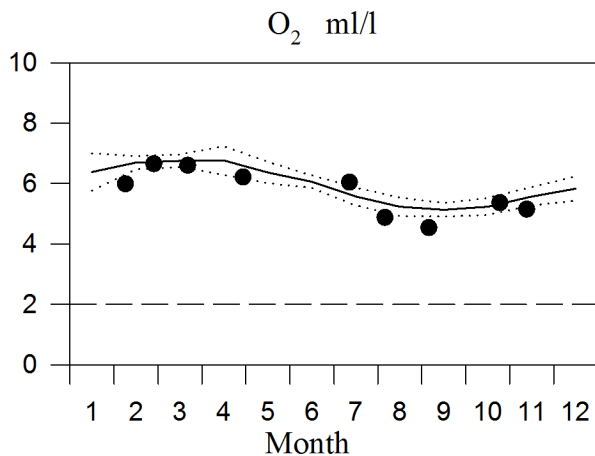
STATION Å13 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

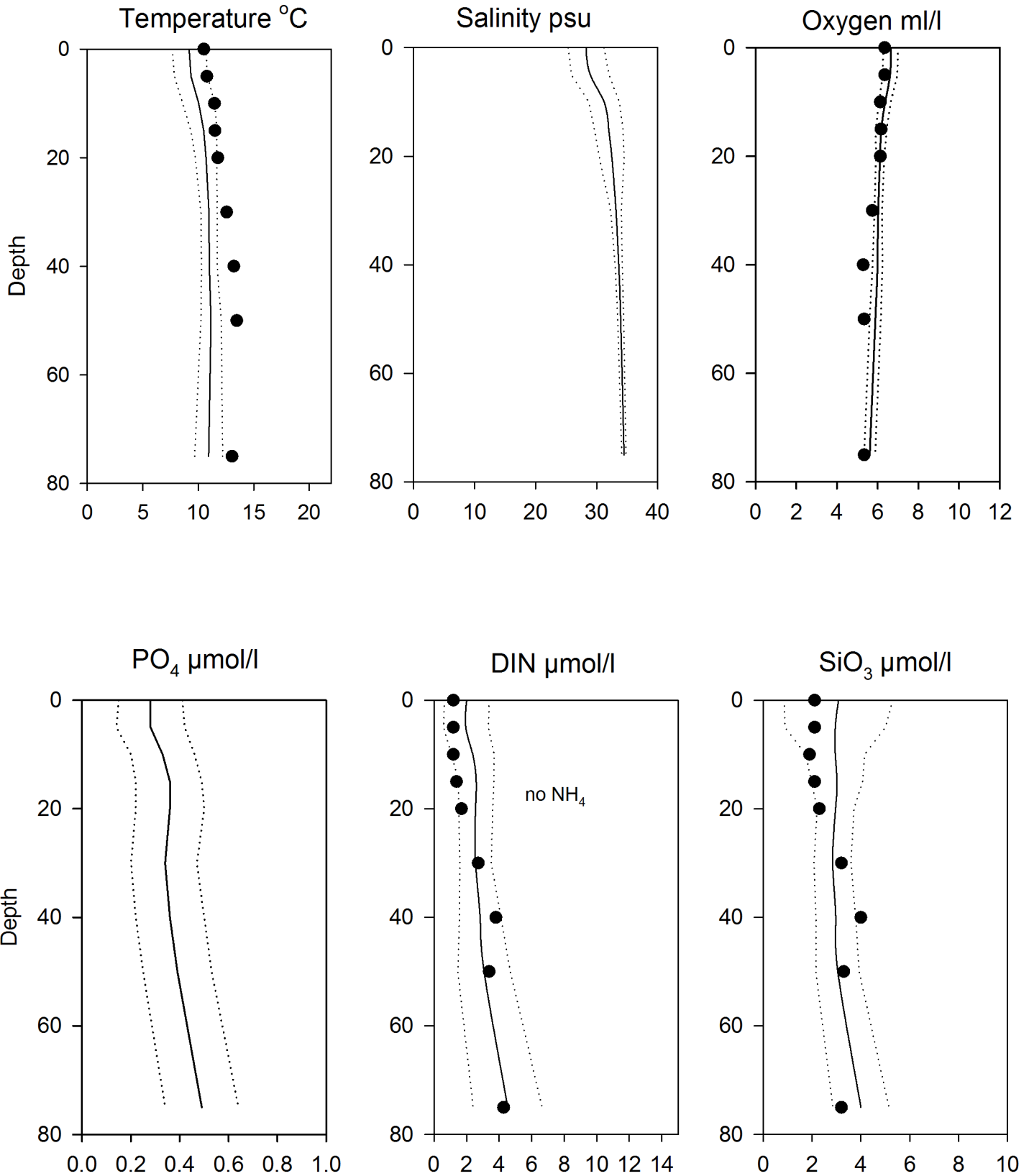


OXYGEN IN BOTTOM WATER (depth >=75m)



Vertical profiles Å13 November

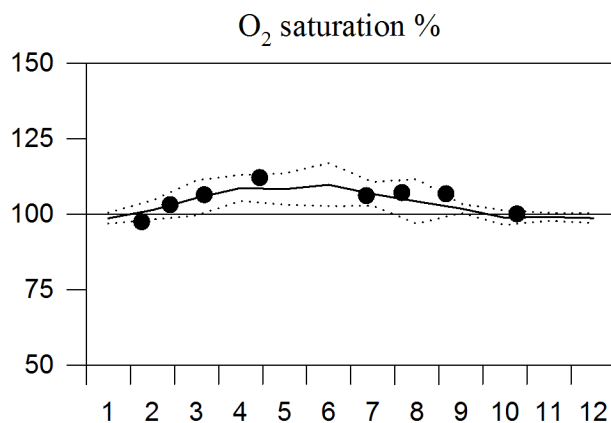
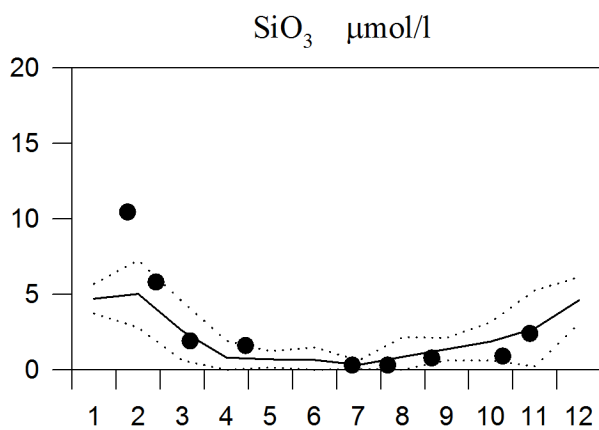
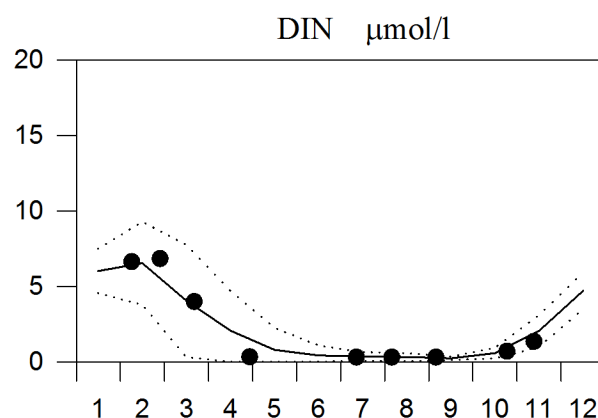
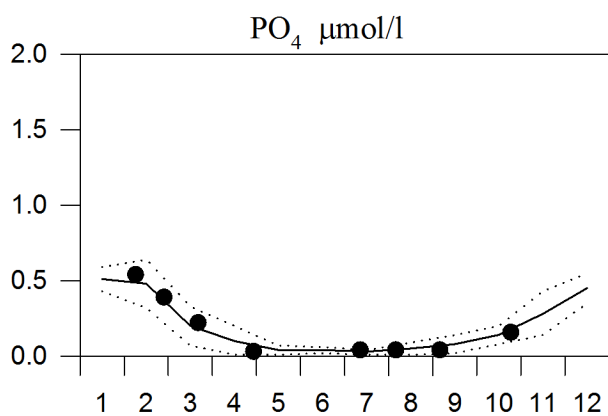
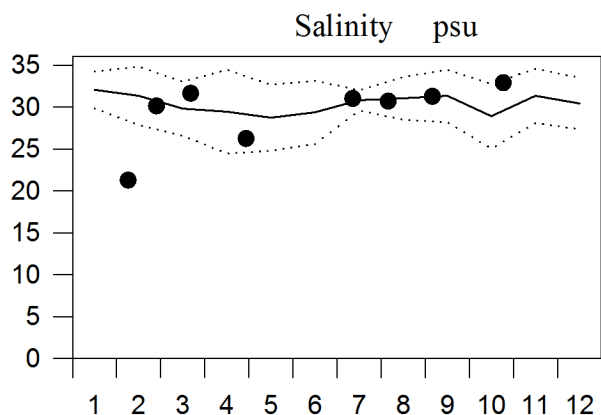
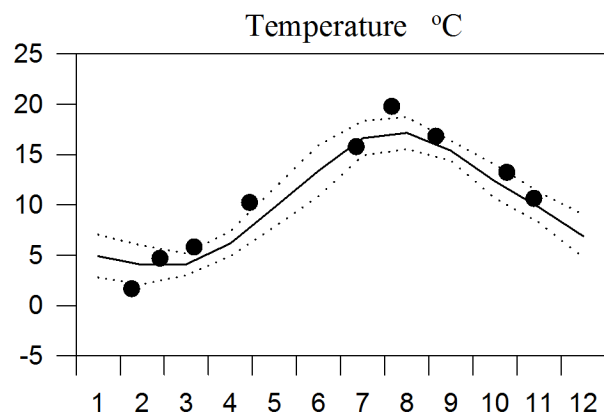
— Mean 1996-2010 St.Dev. ● 2014



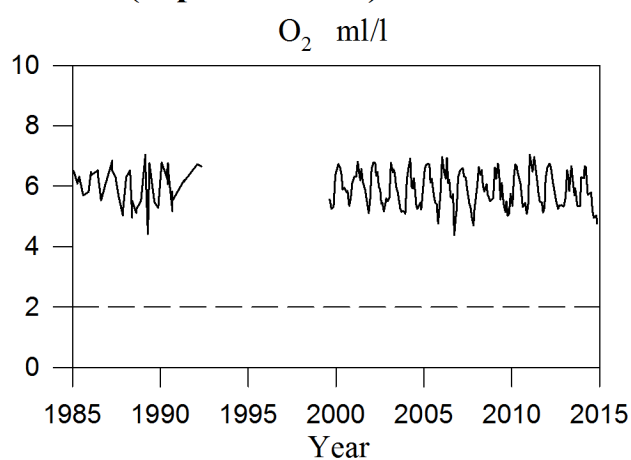
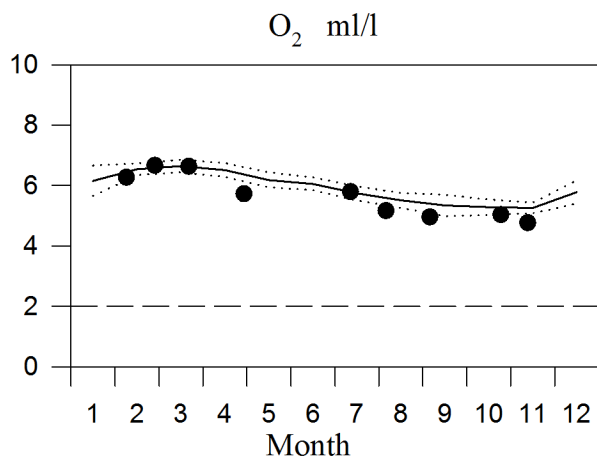
STATION Å15 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



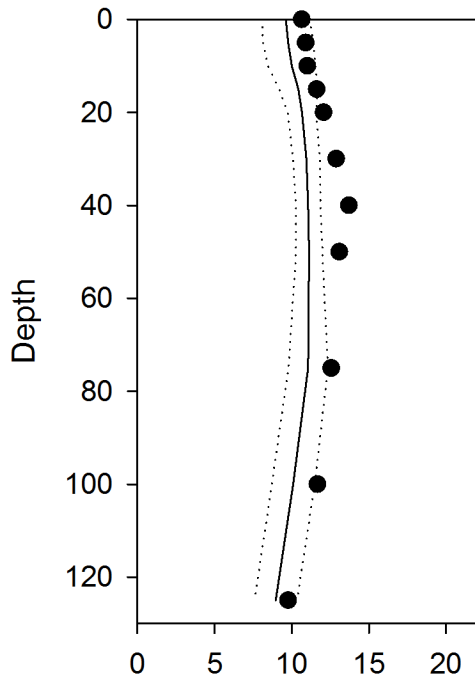
OXYGEN IN BOTTOM WATER (depth >=125m)



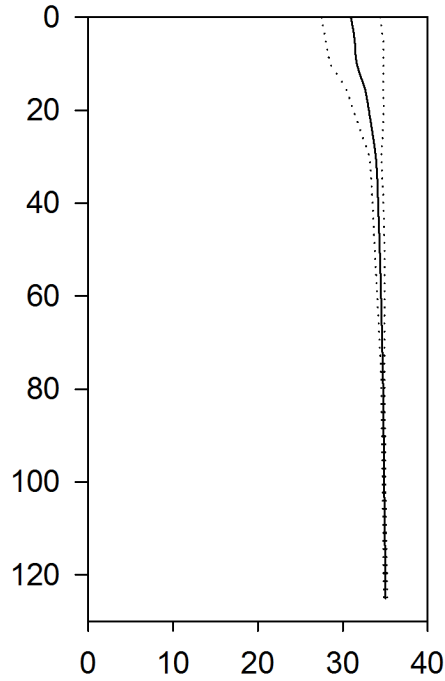
Vertical profiles Å15 November

— Mean 1996-2010 St.Dev. ● 2014

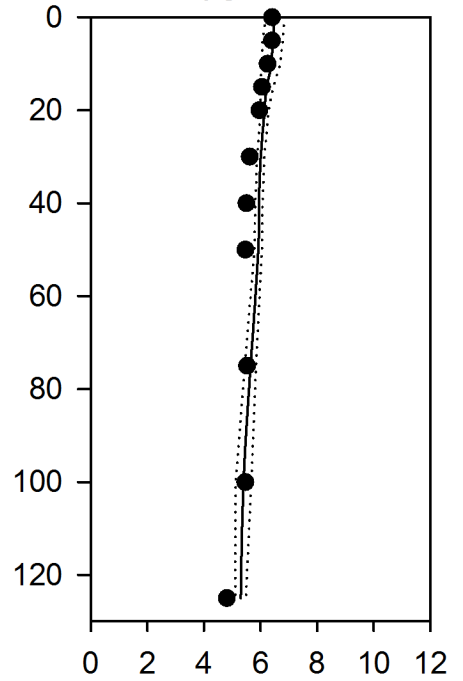
Temperature °C



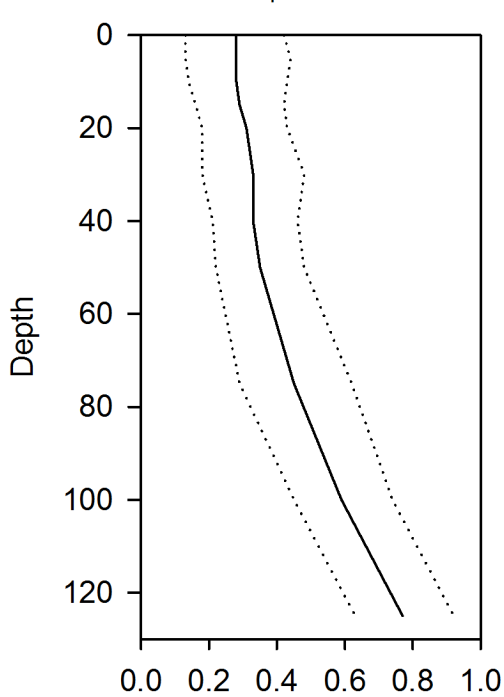
Salinity psu



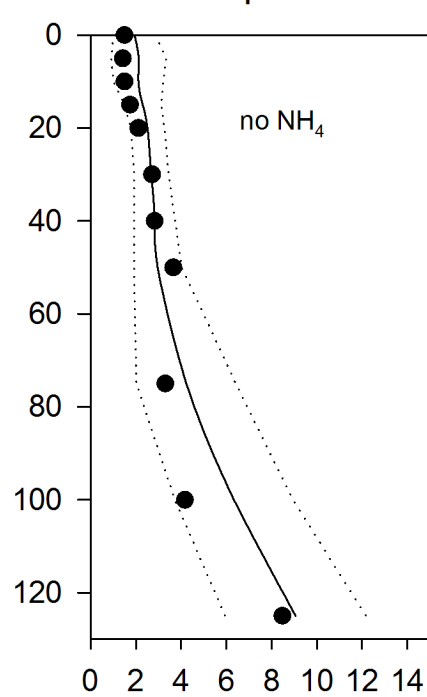
Oxygen ml/l



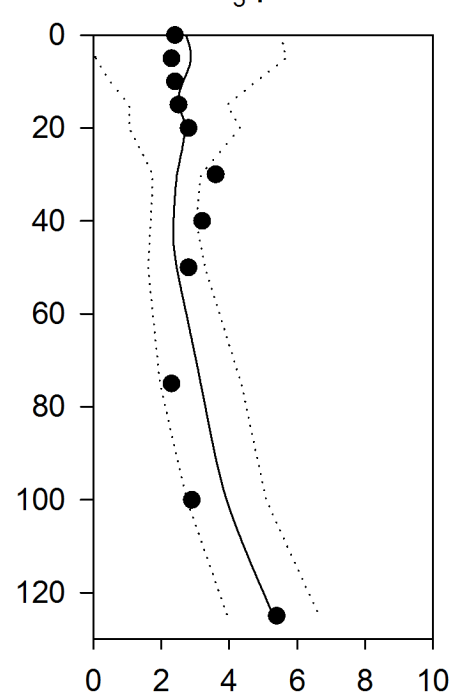
PO₄ µmol/l



DIN µmol/l



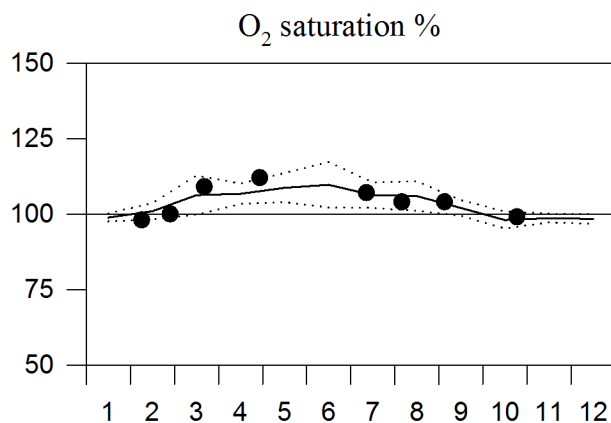
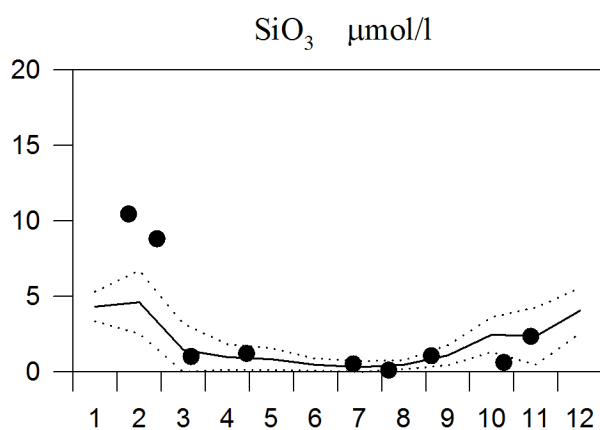
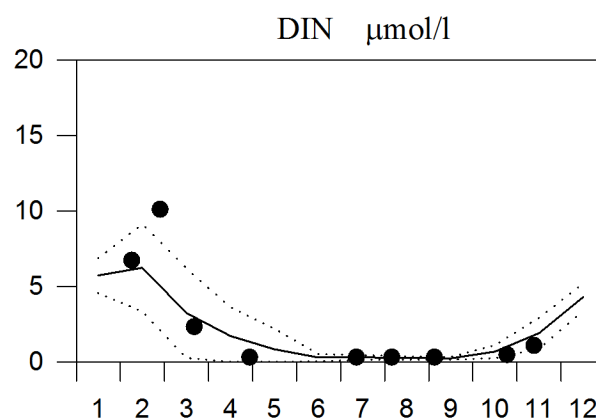
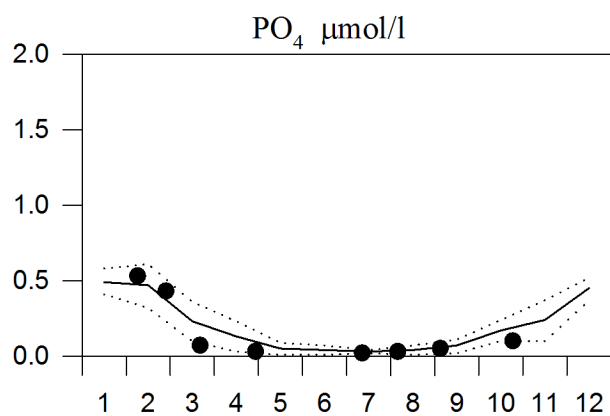
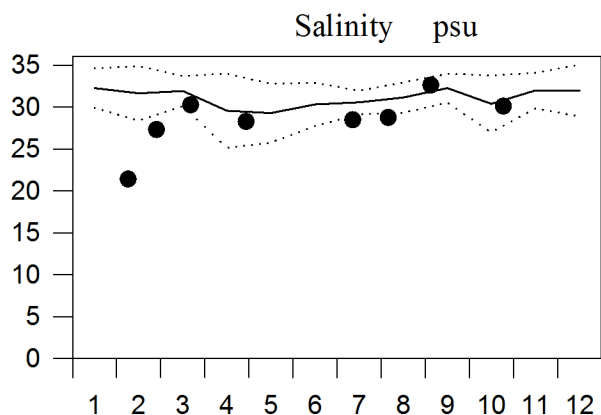
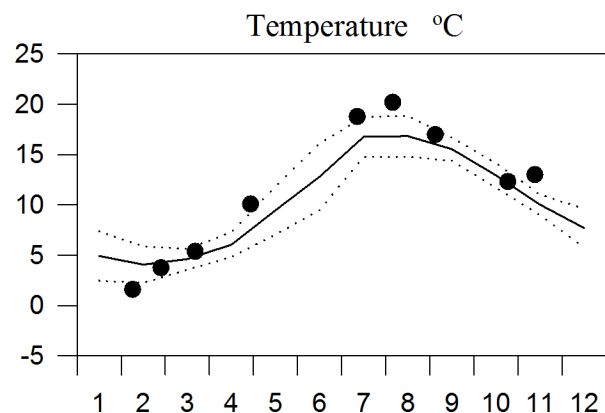
SiO₃ µmol/l



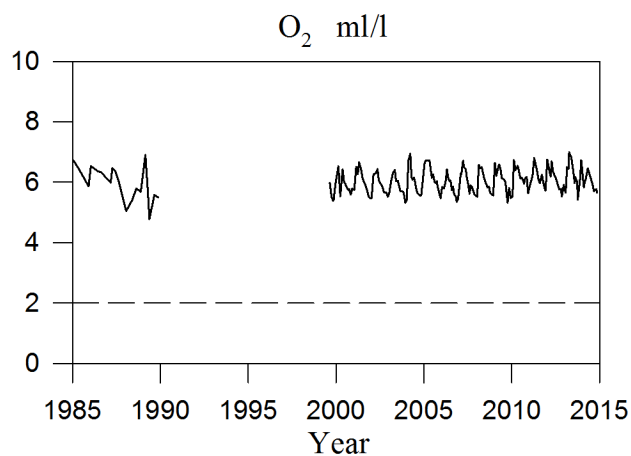
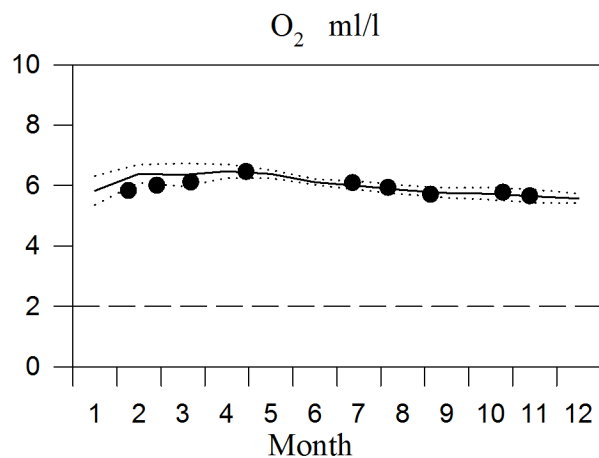
STATION Å17 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



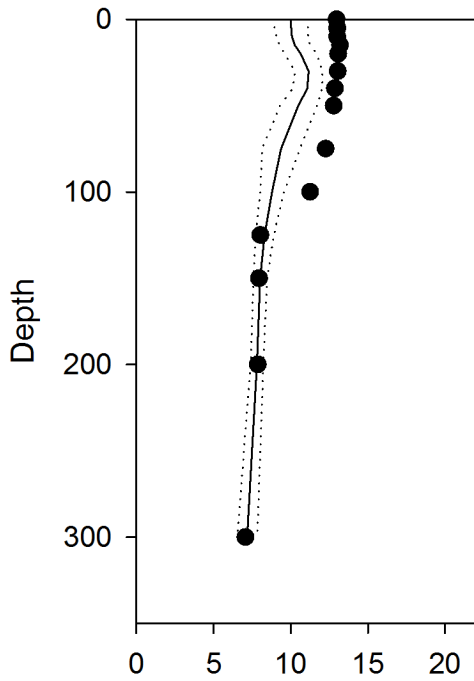
OXYGEN IN BOTTOM WATER (depth = 300m)



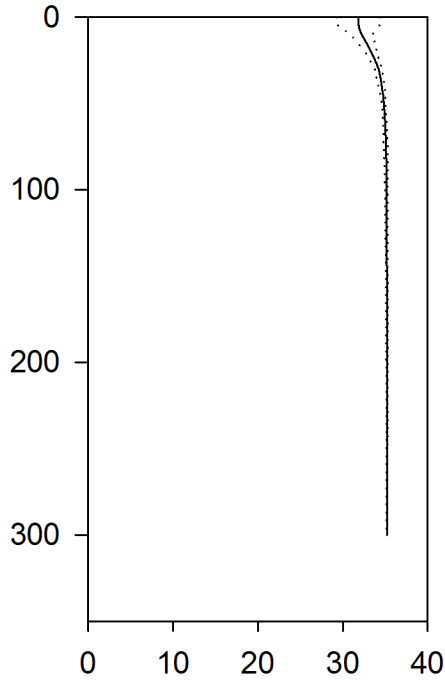
Vertical profiles Å17 November

— Mean 1996-2010 St.Dev. ● 2014

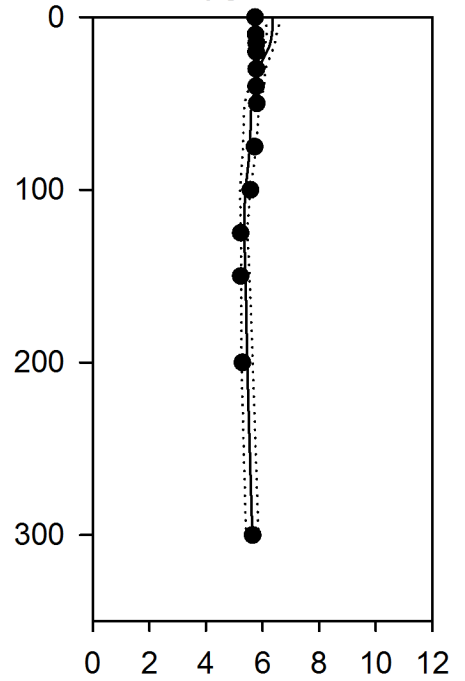
Temperature °C



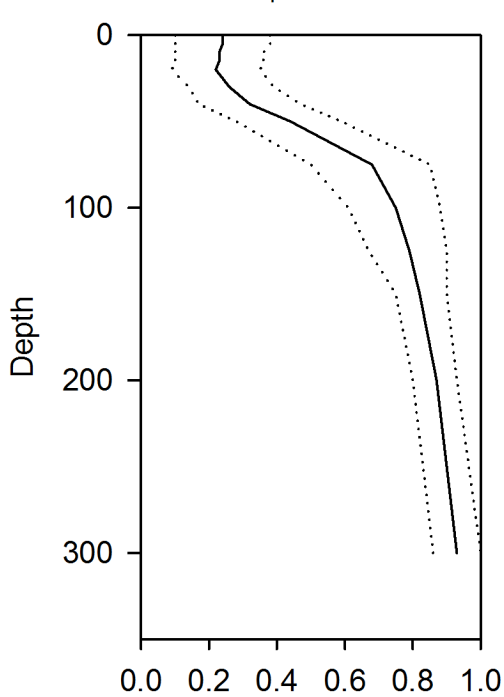
Salinity psu



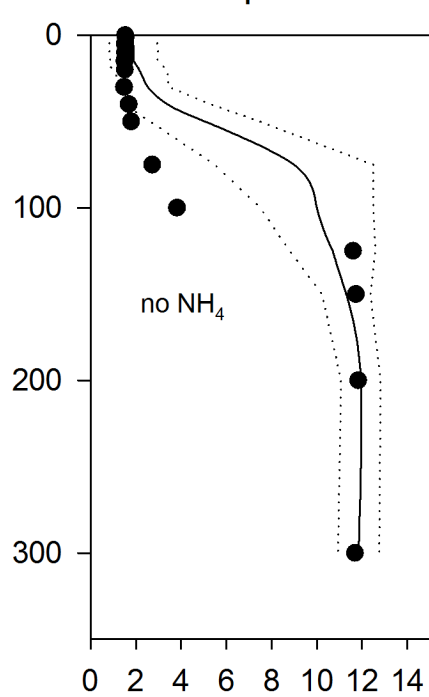
Oxygen ml/l



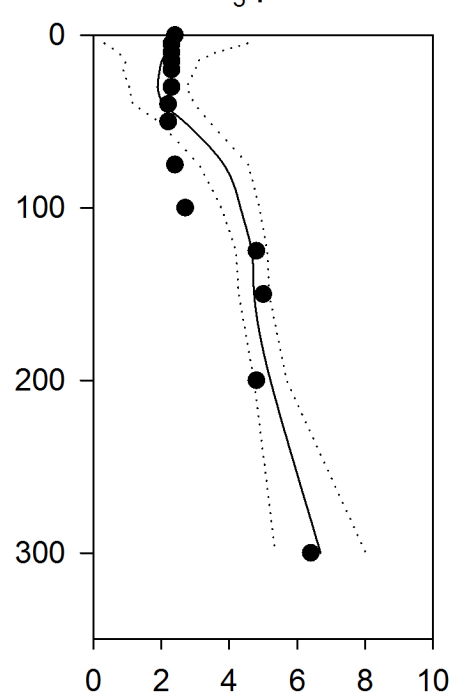
PO₄ µmol/l



DIN µmol/l



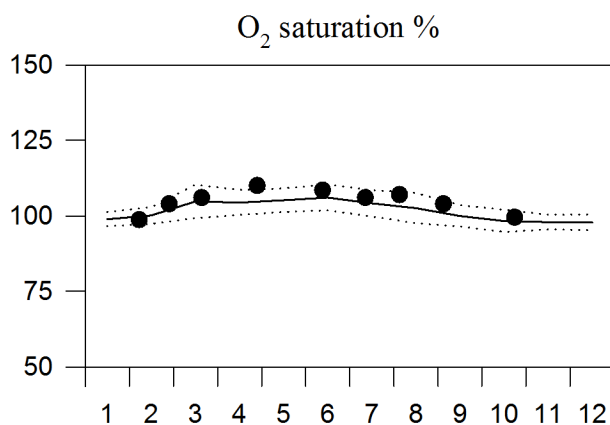
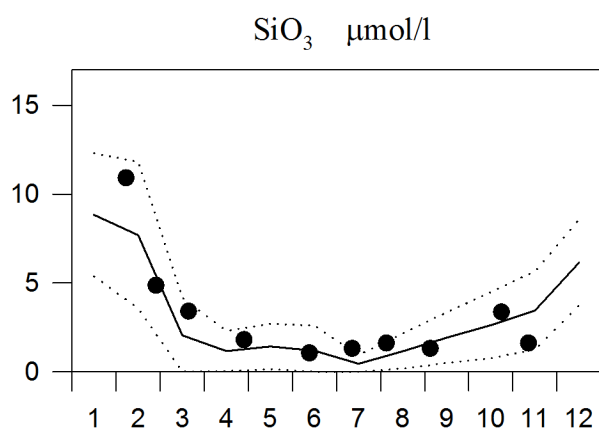
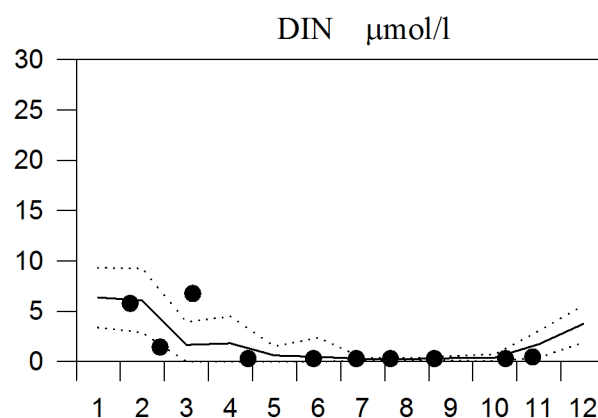
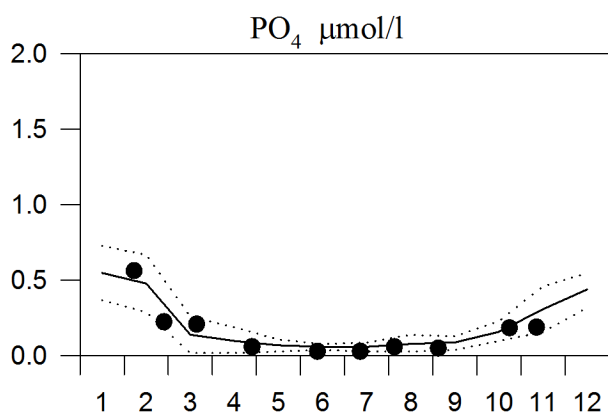
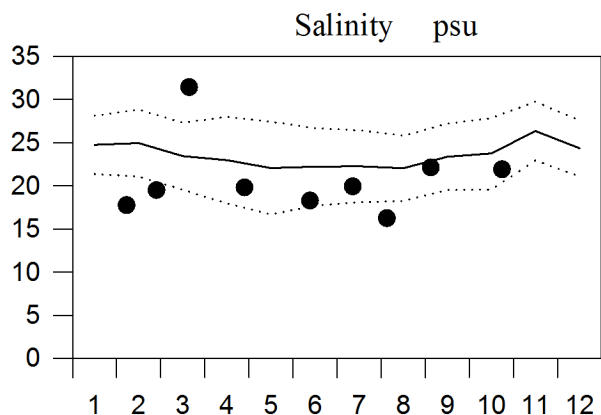
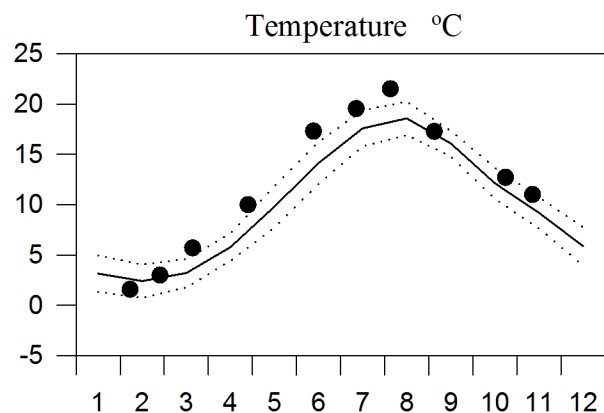
SiO₃ µmol/l



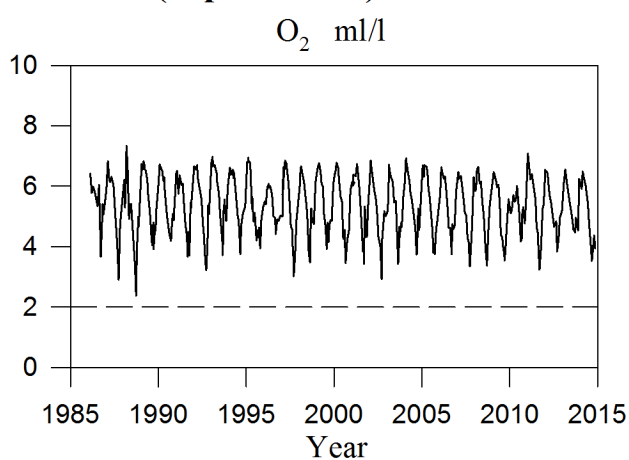
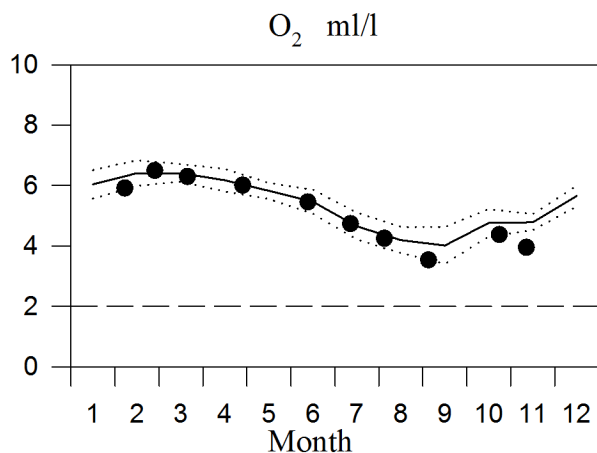
STATION FLADEN SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

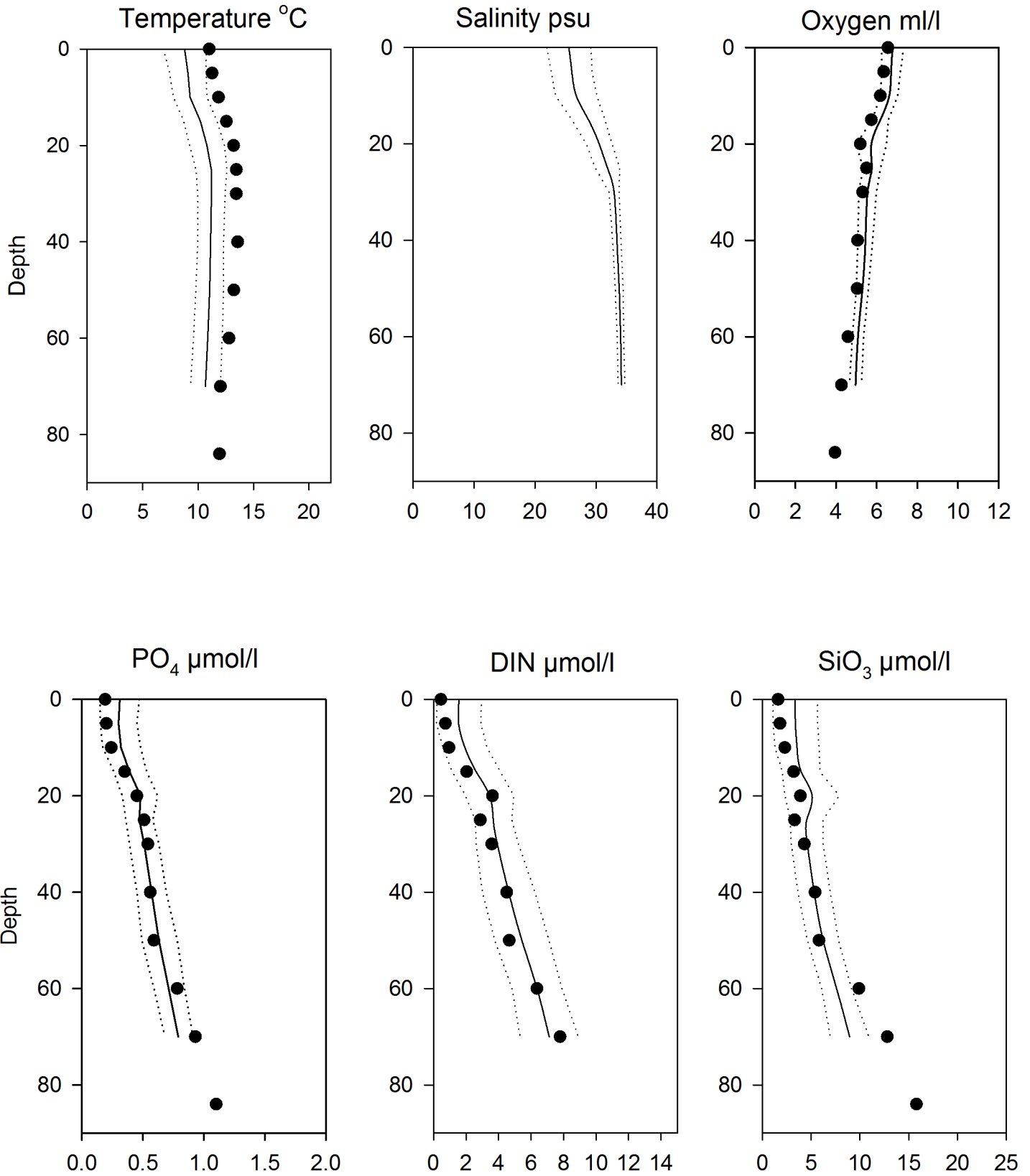


OXYGEN IN BOTTOM WATER (depth > 70m)



Vertical profiles Fladen November

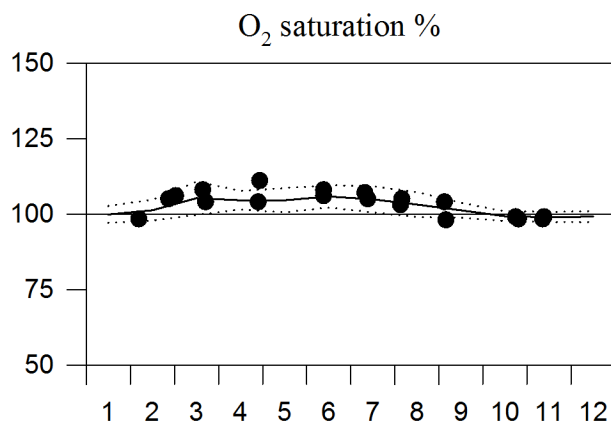
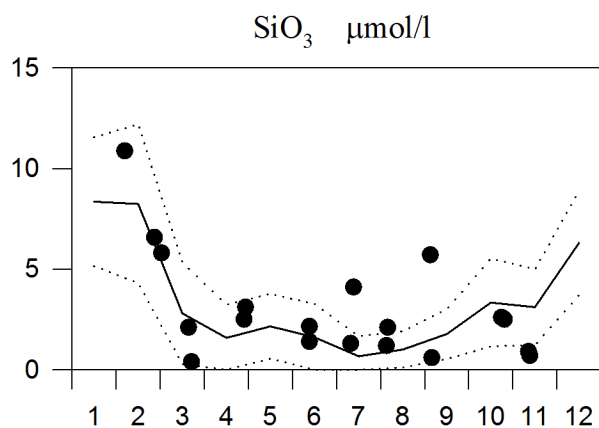
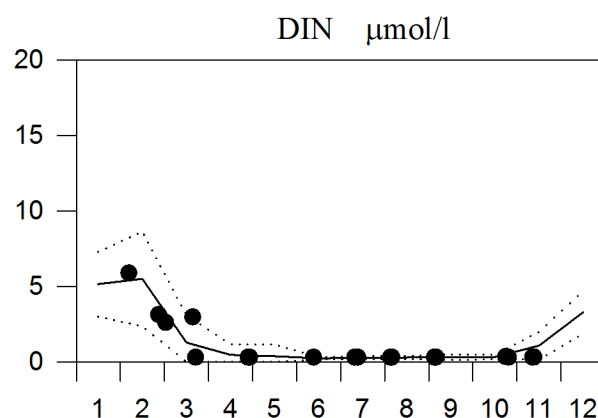
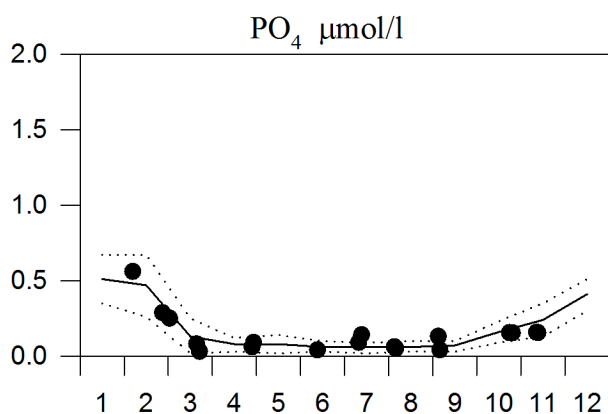
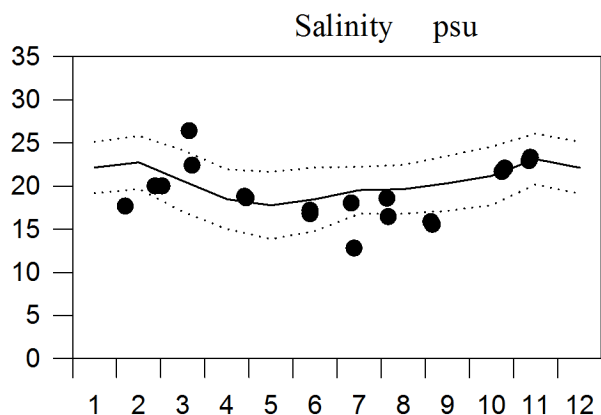
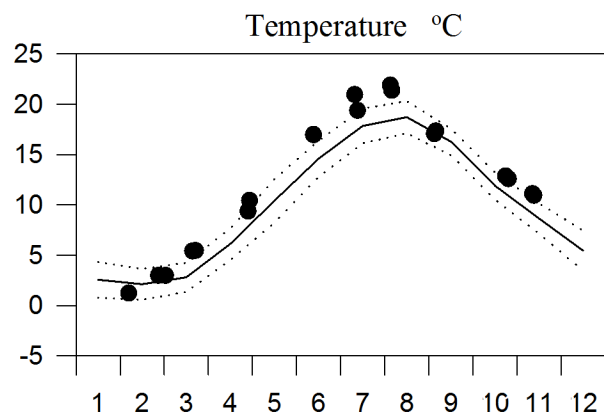
— Mean 1996-2010 St.Dev. ● 2014



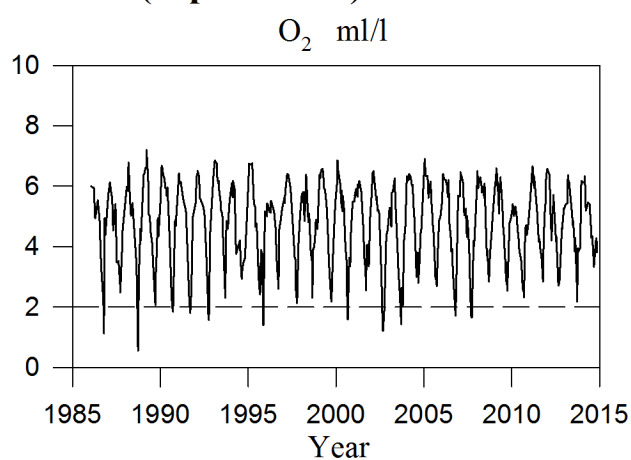
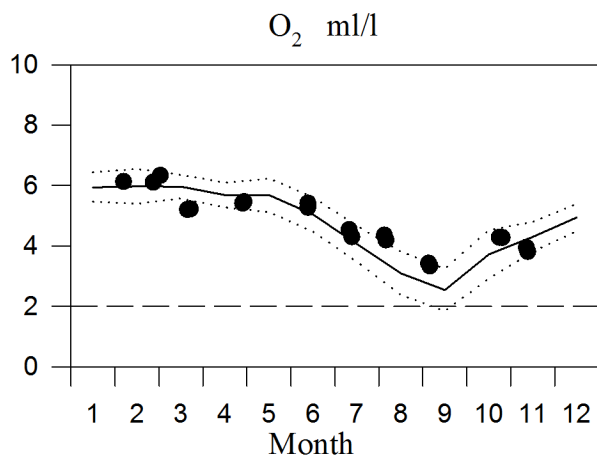
STATION ANHOLT E SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

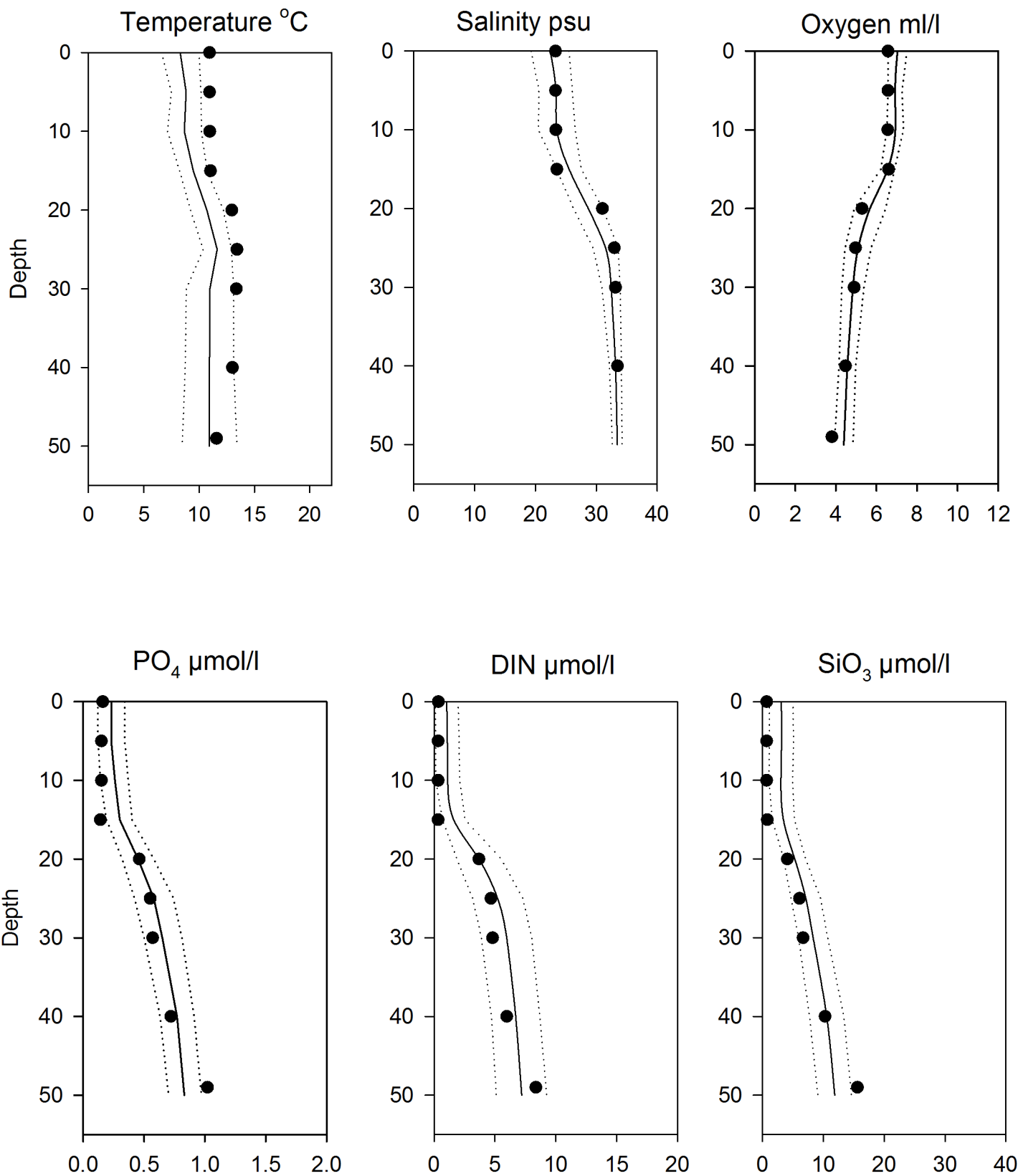


OXYGEN IN BOTTOM WATER (depth > 50m)



Vertical profiles Anholt E November

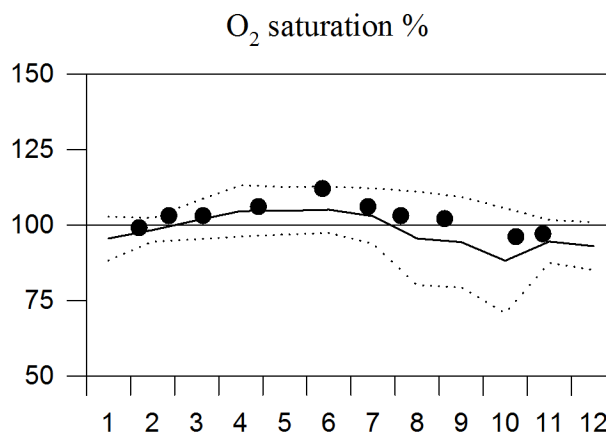
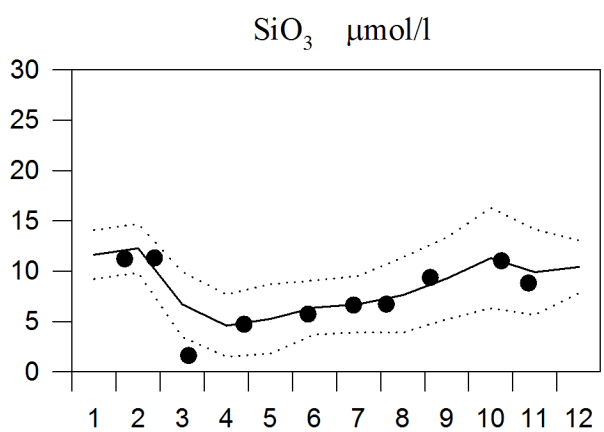
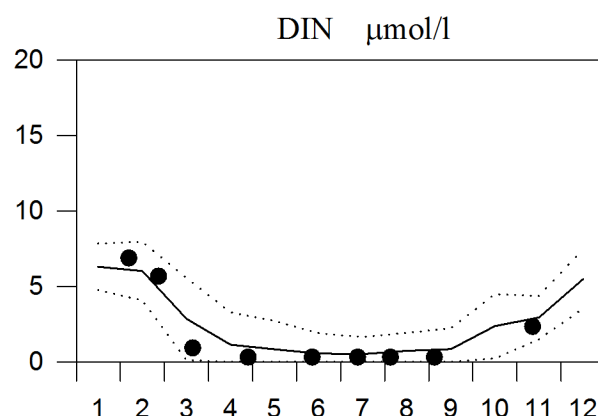
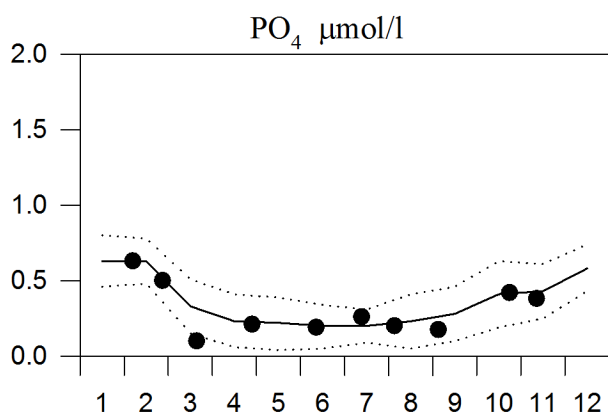
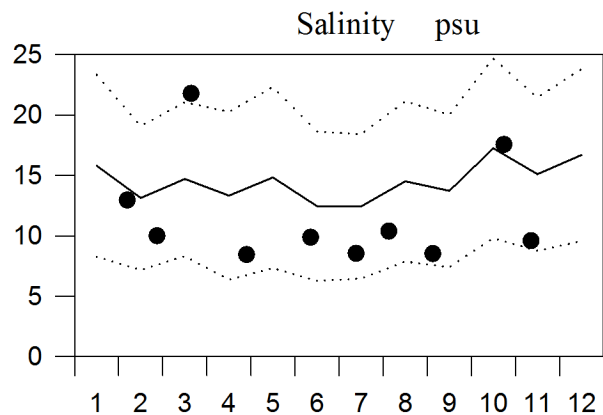
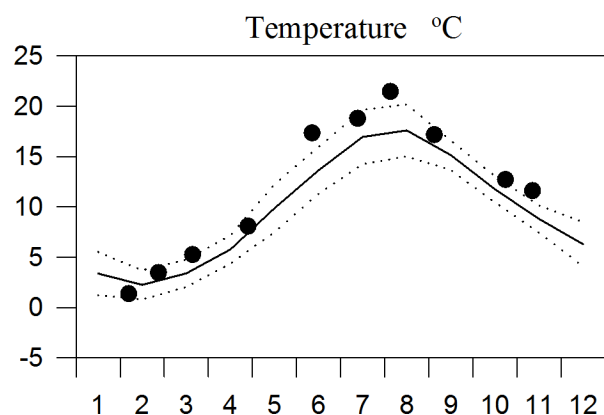
— Mean 1996-2010 St.Dev. ● 2014



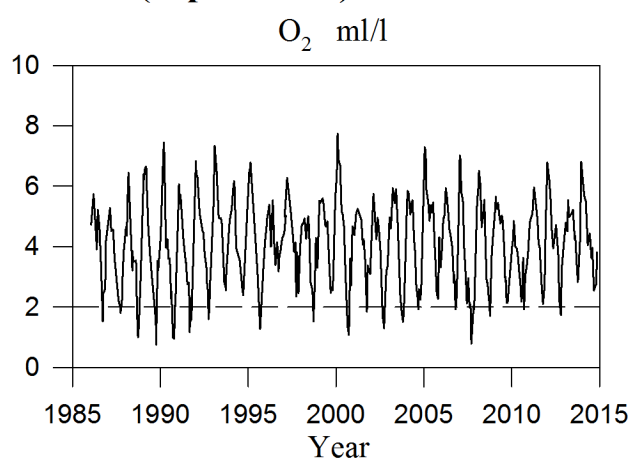
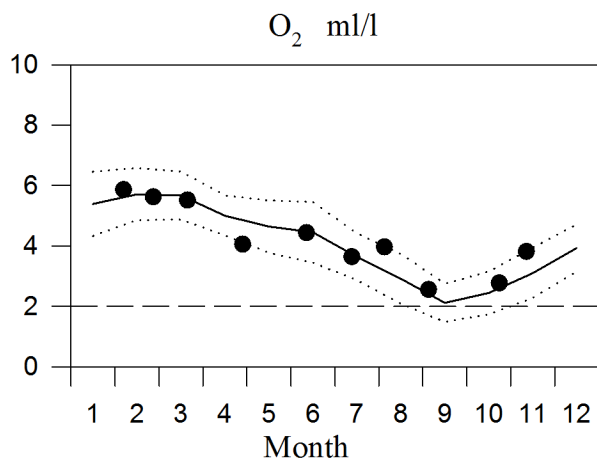
STATION W LANDSKRONA SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

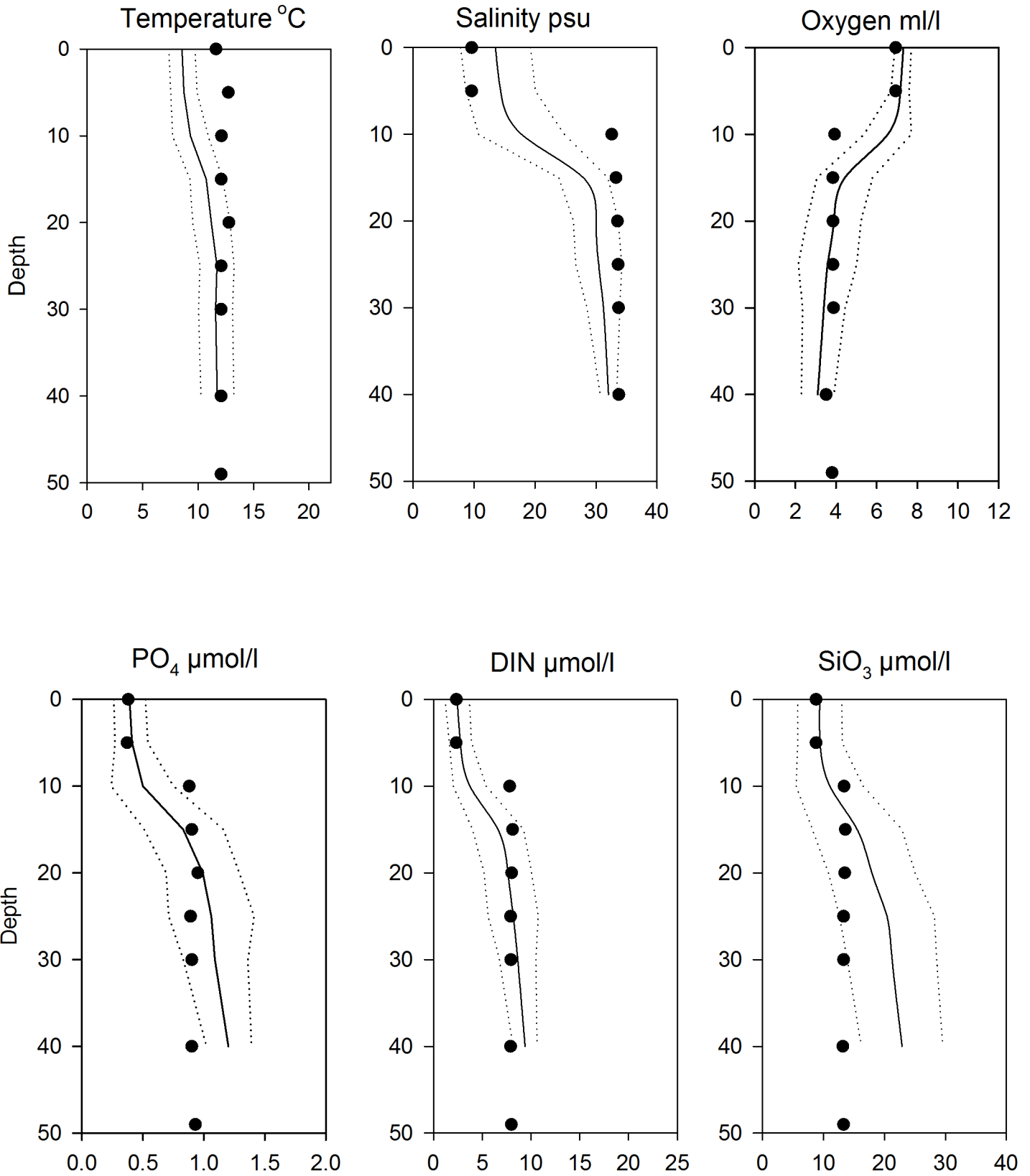


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles W Landskrona November

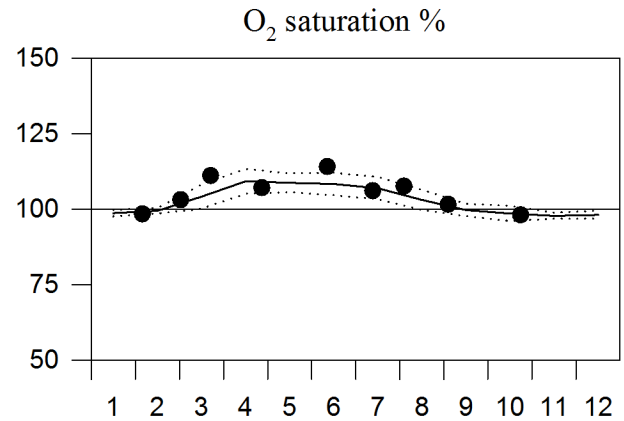
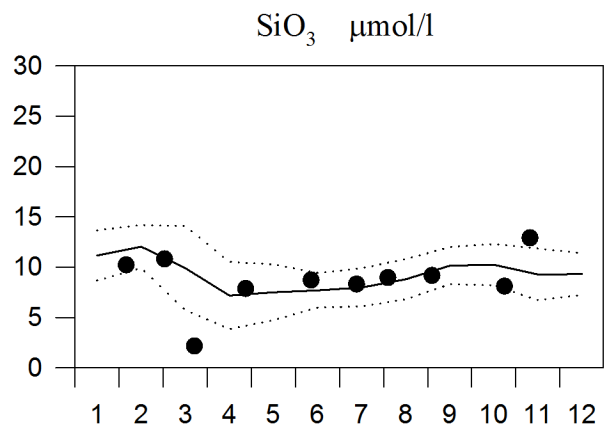
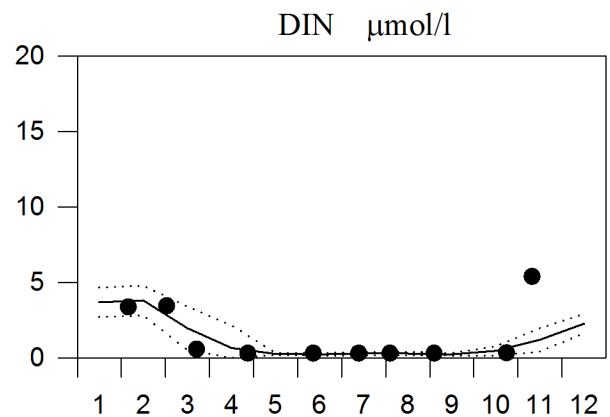
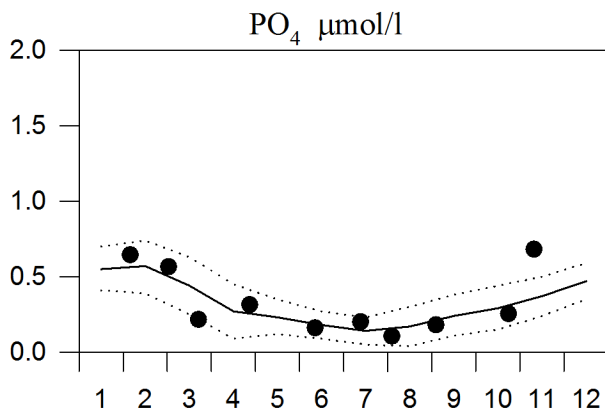
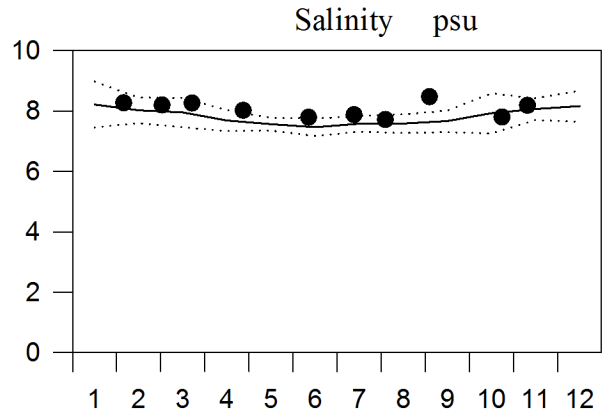
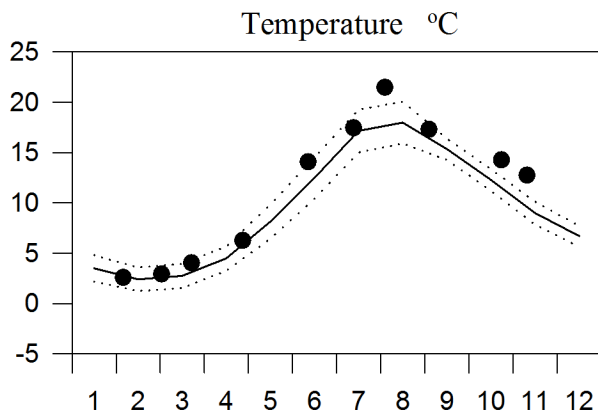
— Mean 1996-2010 St.Dev. ● 2014



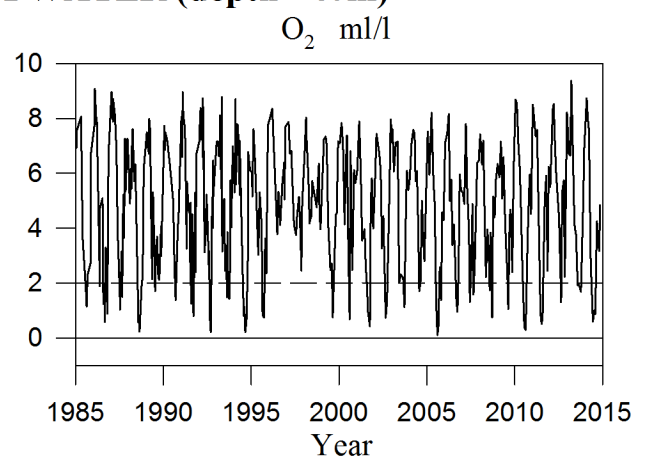
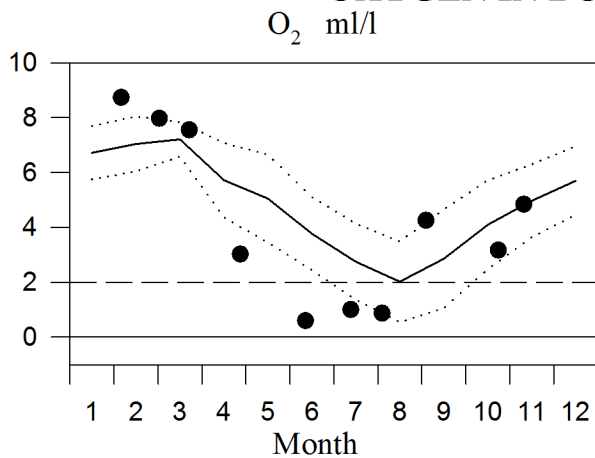
STATION BY1 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

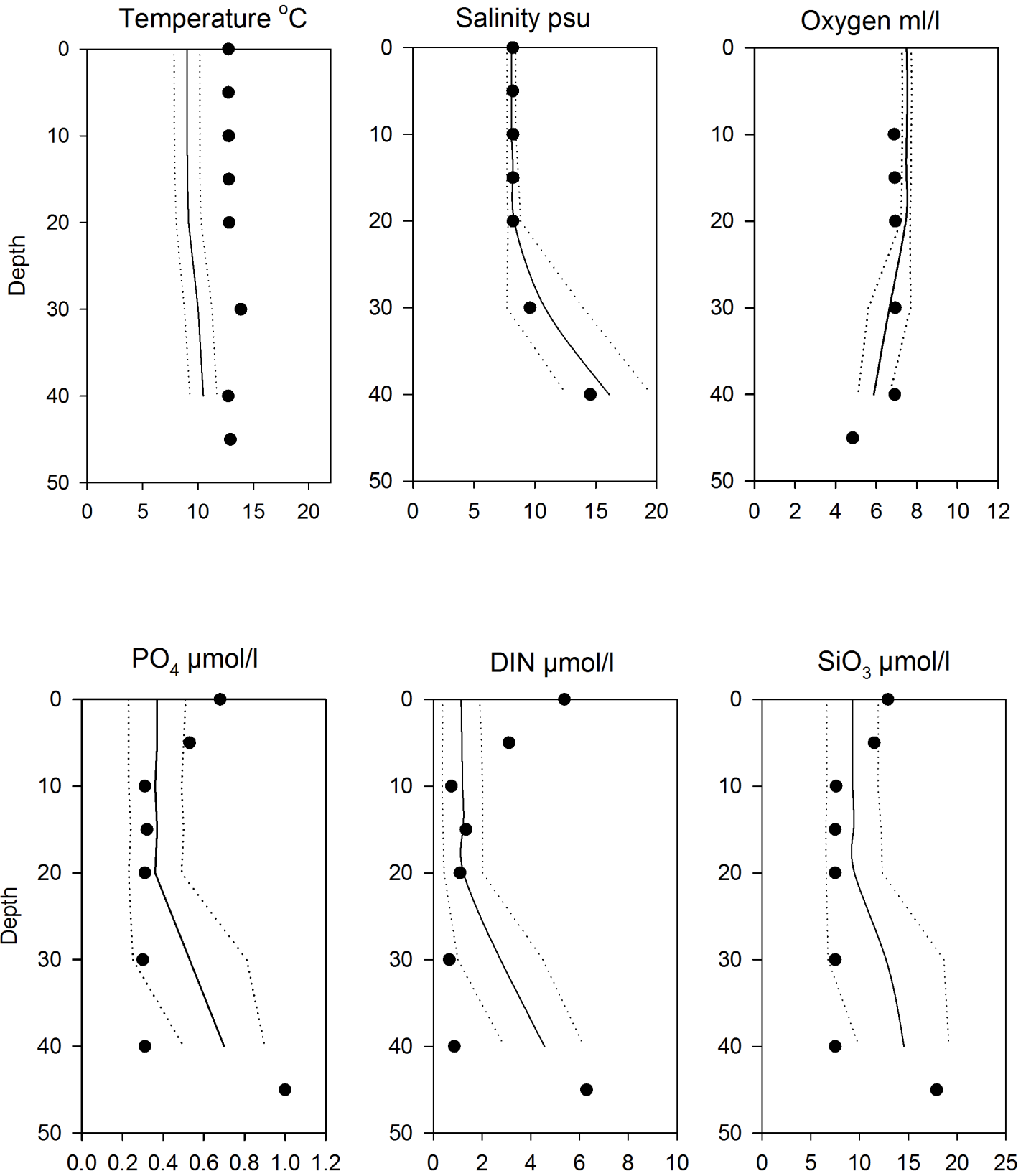


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles BY1 November

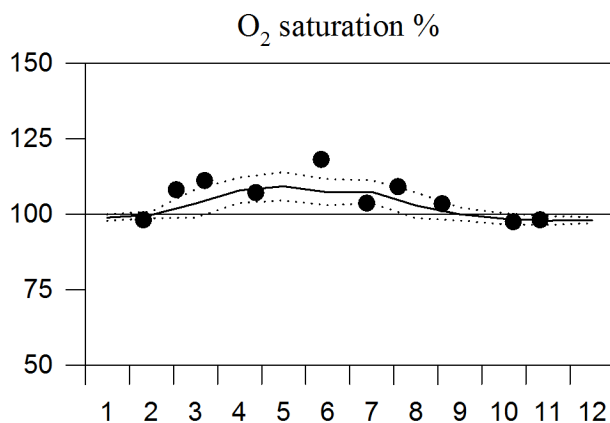
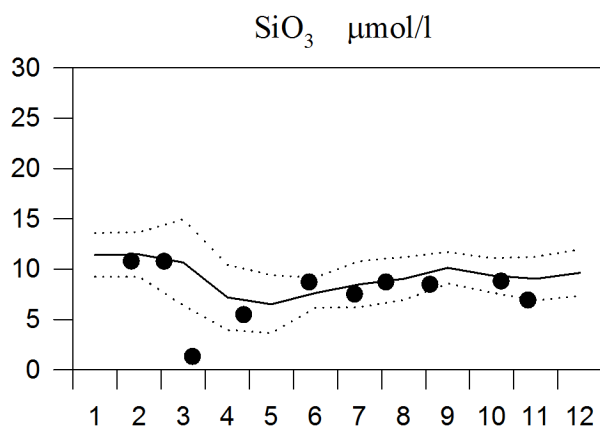
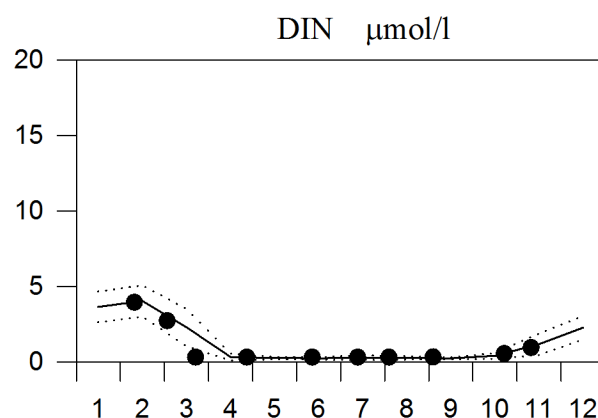
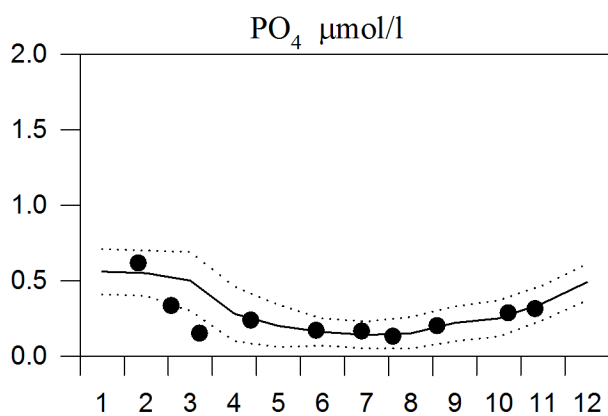
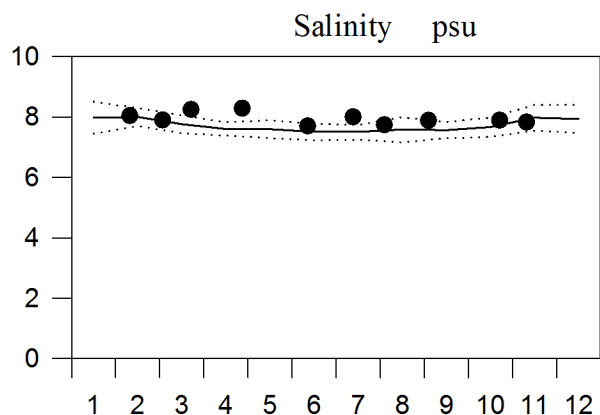
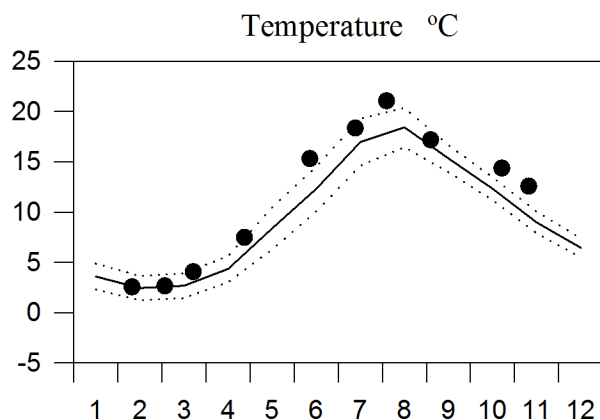
— Mean 1996-2010 St.Dev. ● 2014



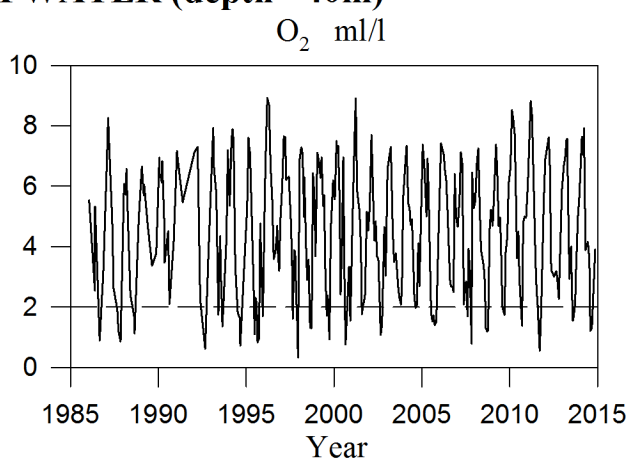
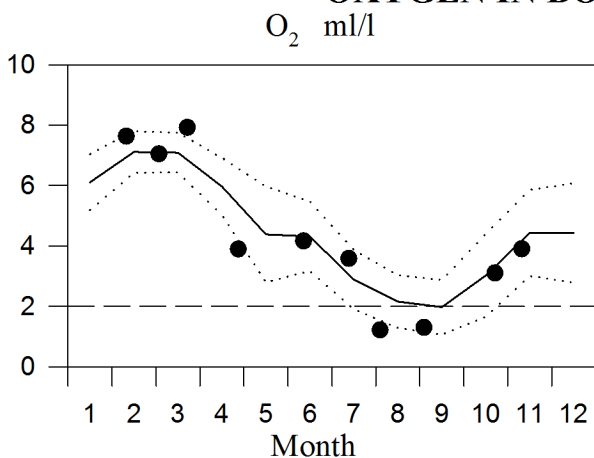
STATION BY2 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

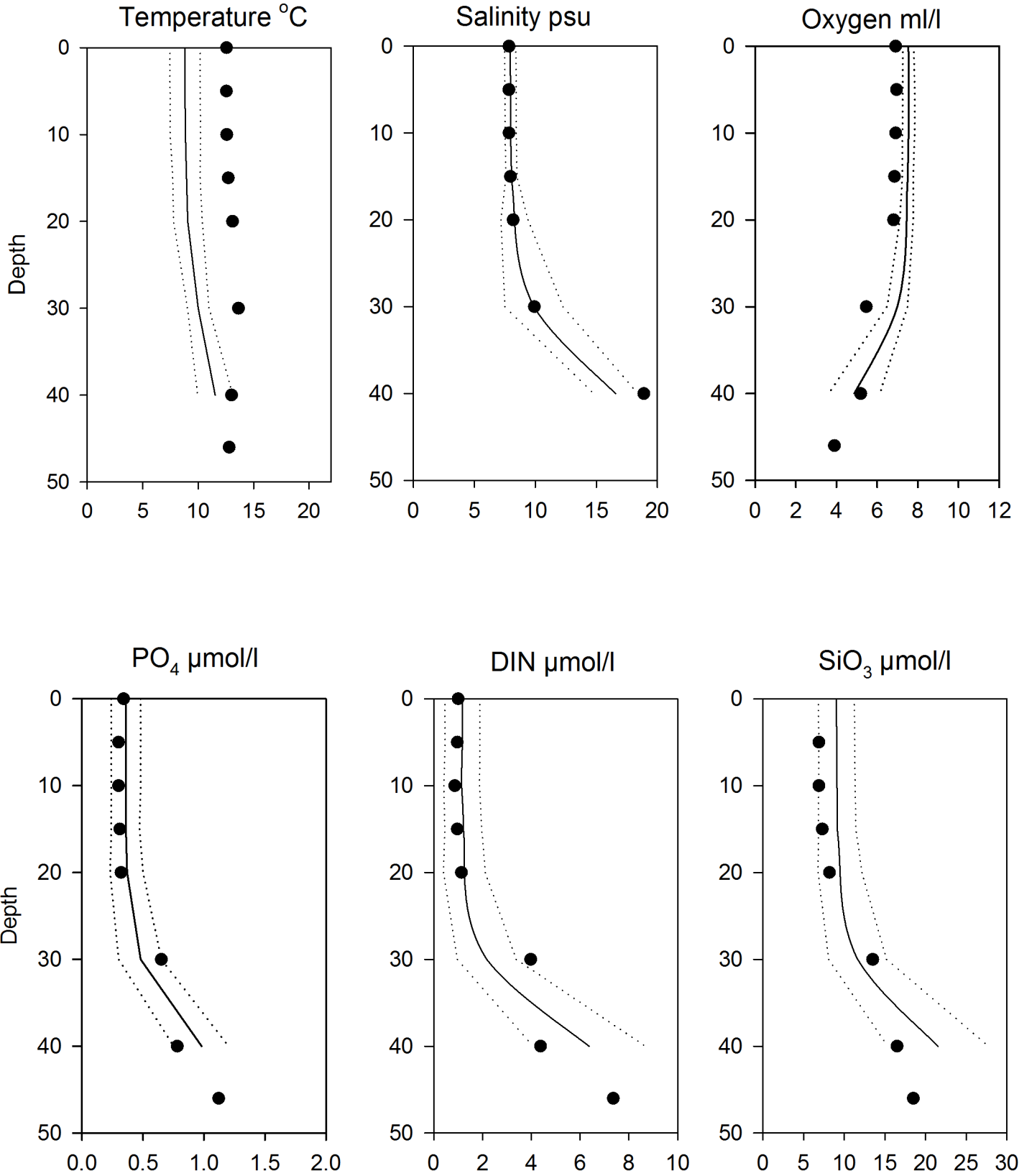


OXYGEN IN BOTTOM WATER (depth >40m)



Vertical profiles BY2 November

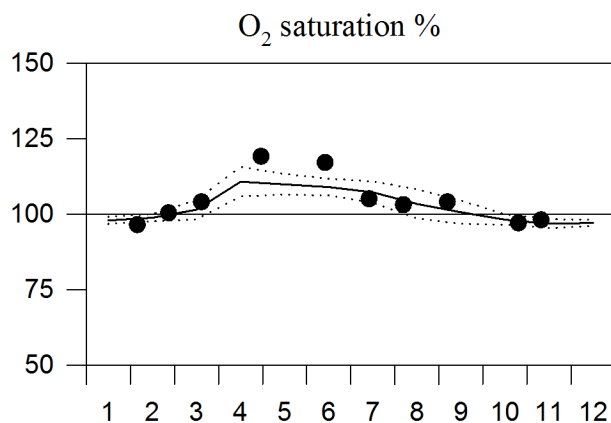
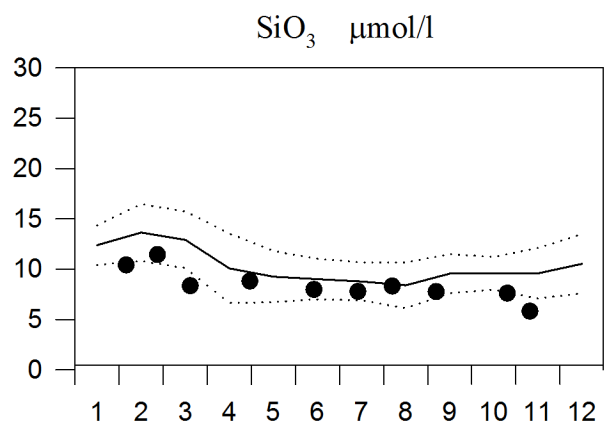
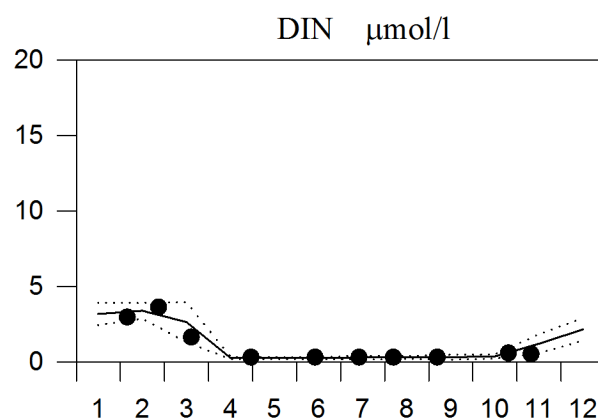
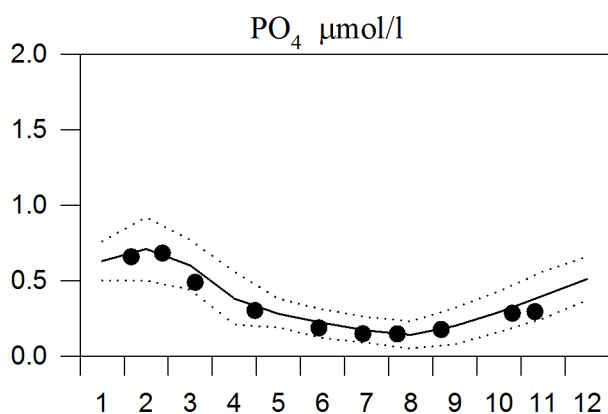
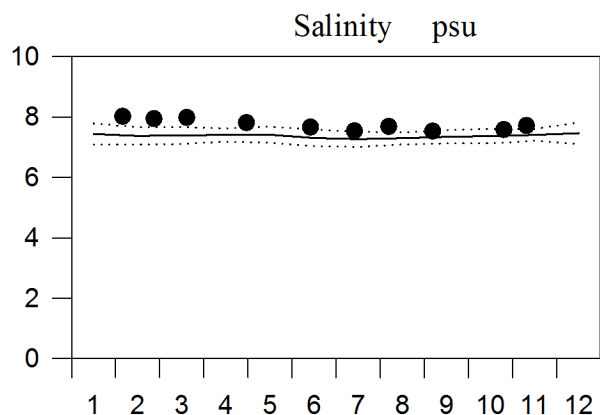
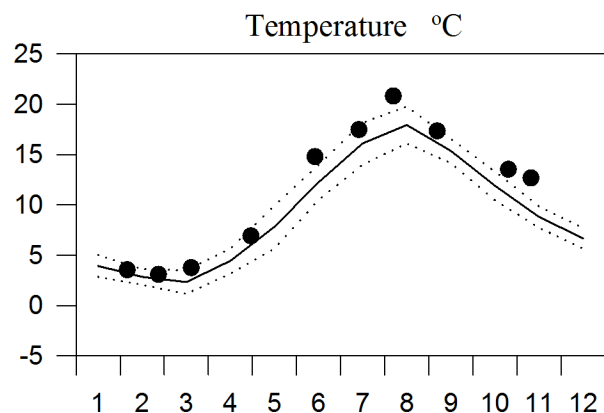
— Mean 1996-2010 St.Dev. ● 2014



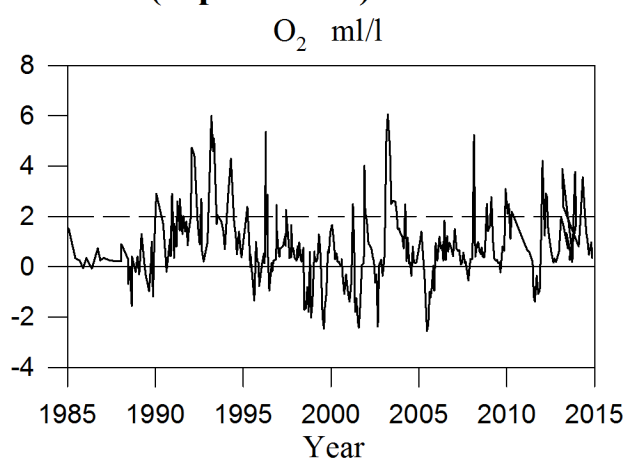
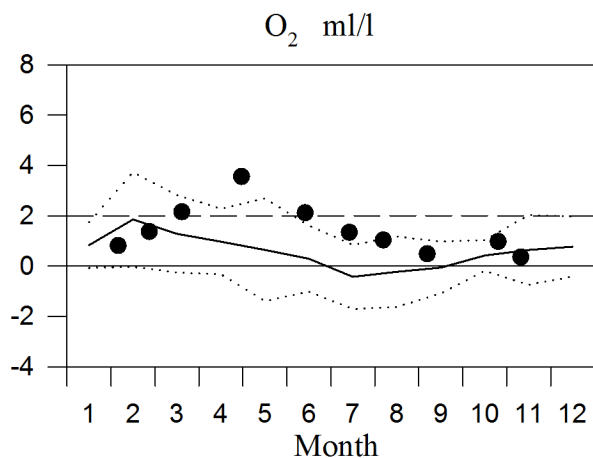
STATION HANÖBUKTEN SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

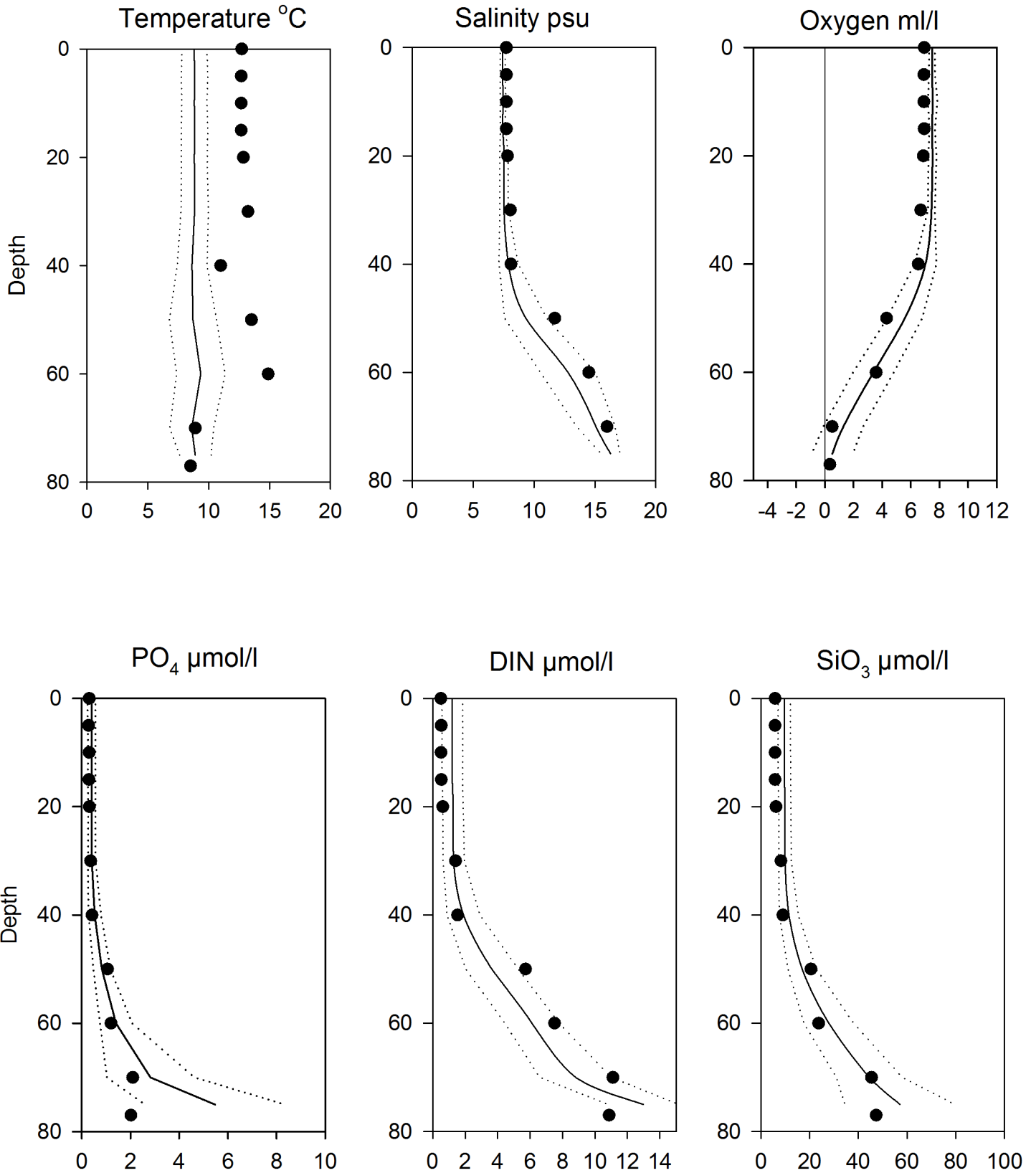


OXYGEN IN BOTTOM WATER (depth > 70m)



Vertical profiles Hanöbukten November

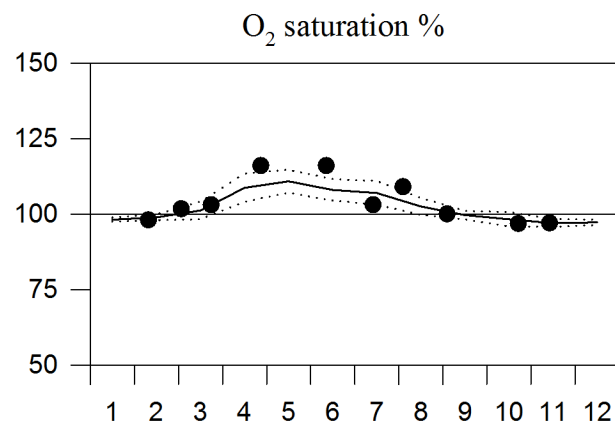
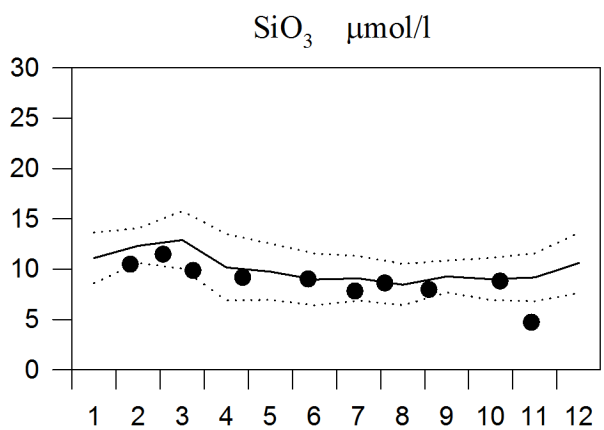
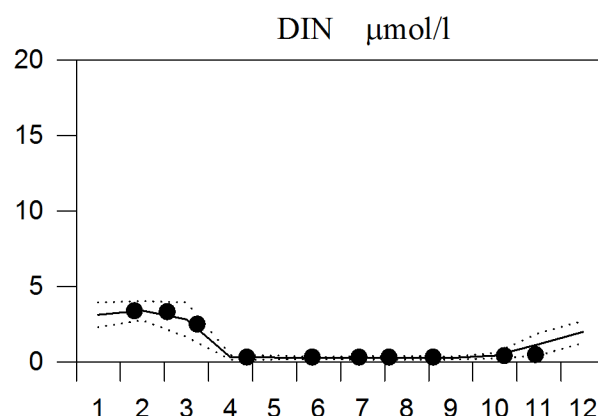
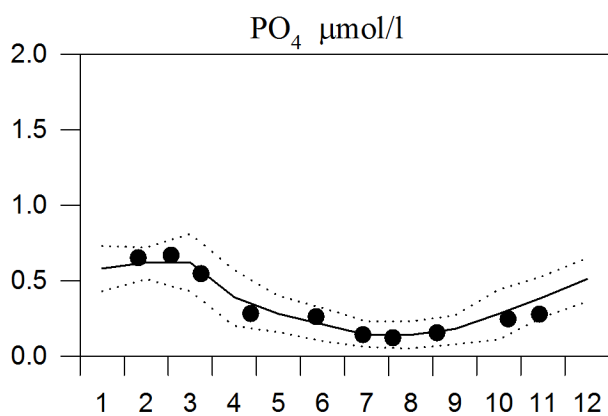
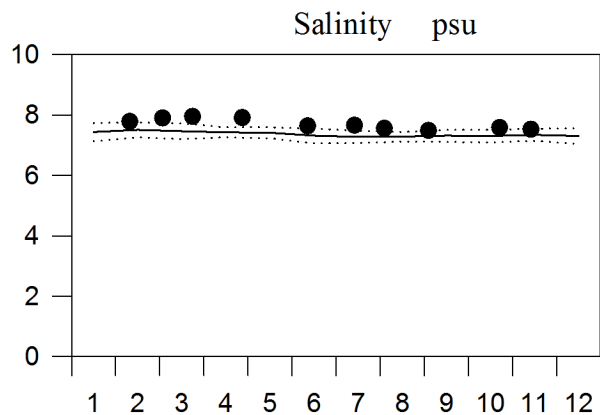
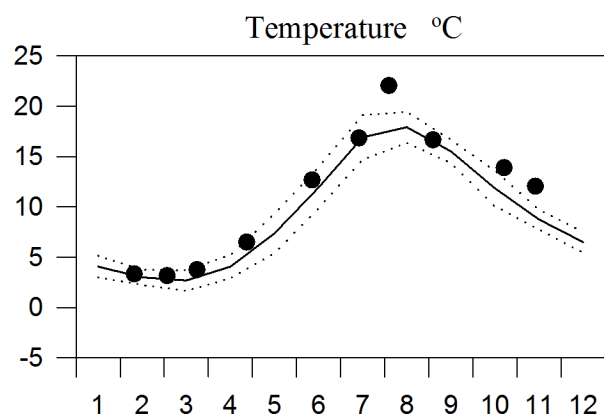
— Mean 1996-2010 St.Dev. ● 2014



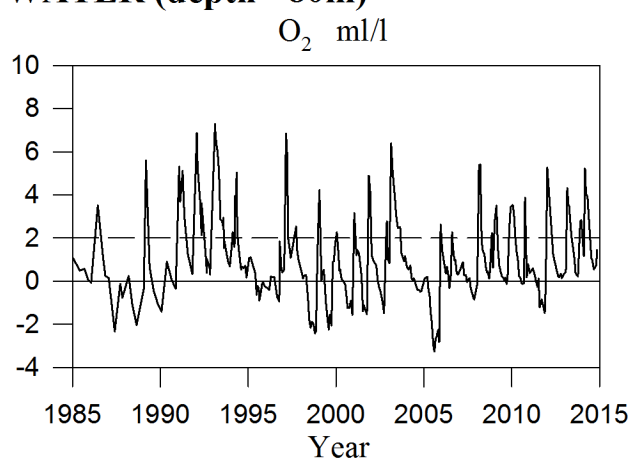
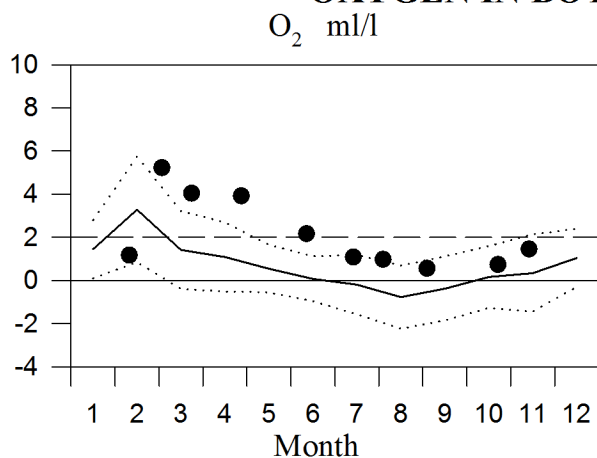
STATION BY4 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



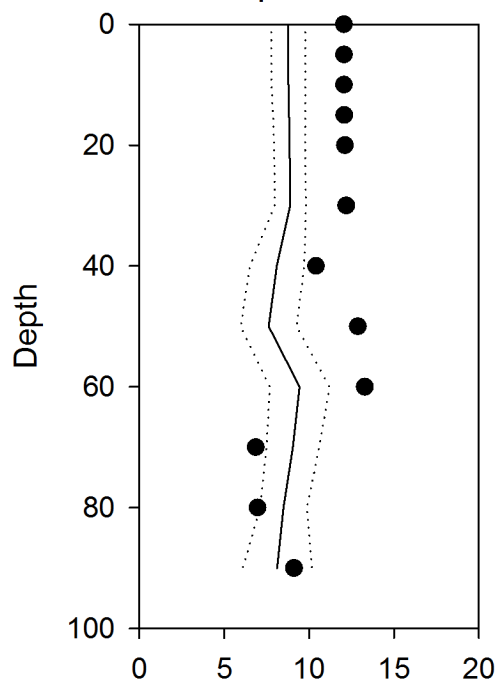
OXYGEN IN BOTTOM WATER (depth >80m)



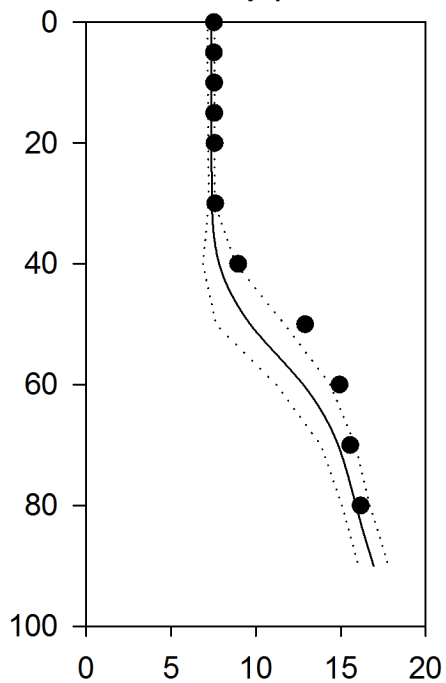
Vertical profiles BY4 November

— Mean 1996-2010 St.Dev. ● 2014

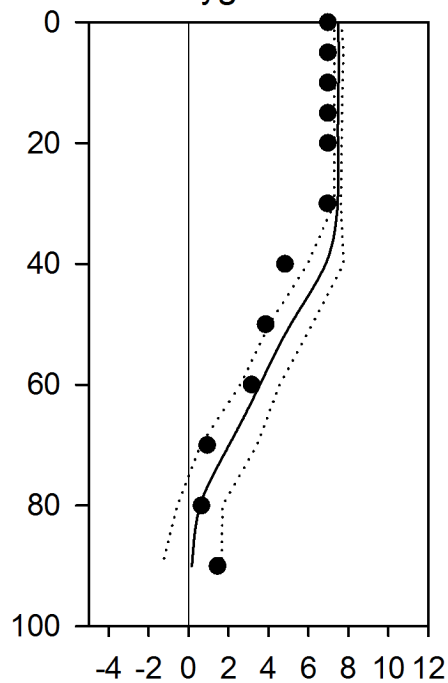
Temperature °C



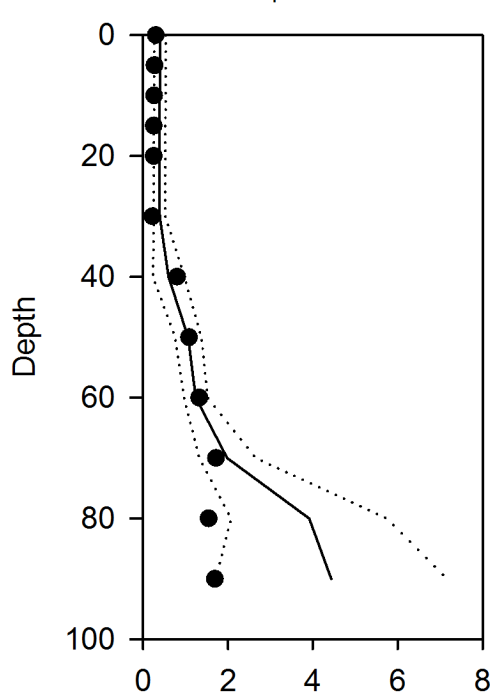
Salinity psu



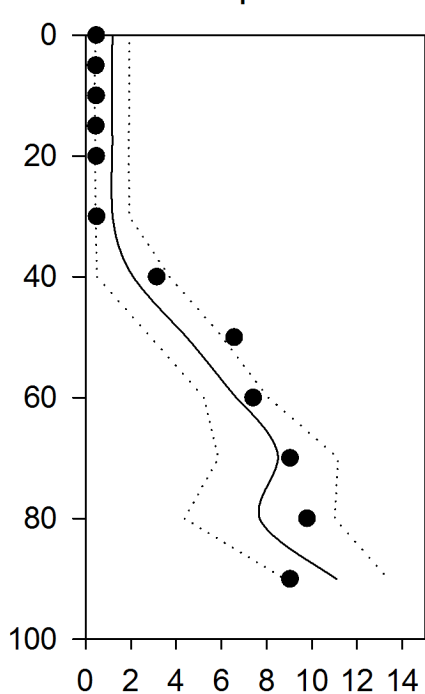
Oxygen ml/l



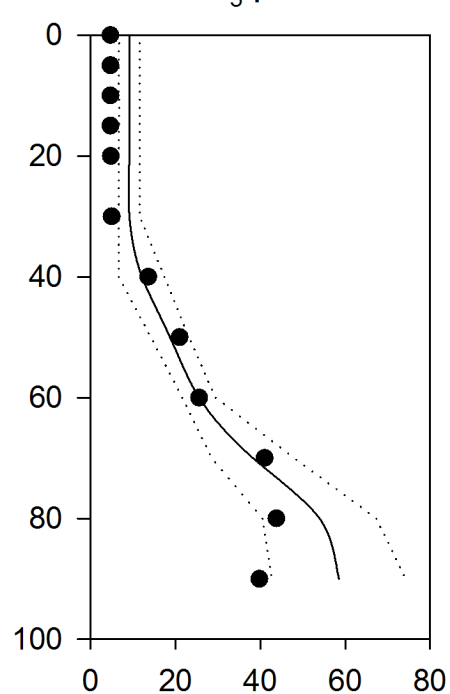
PO₄ μmol/l



DIN μmol/l



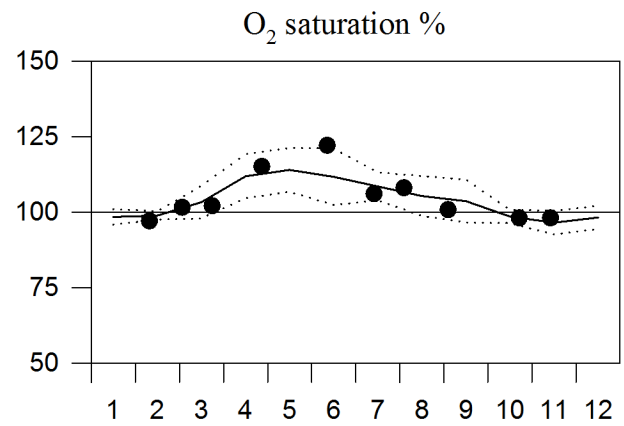
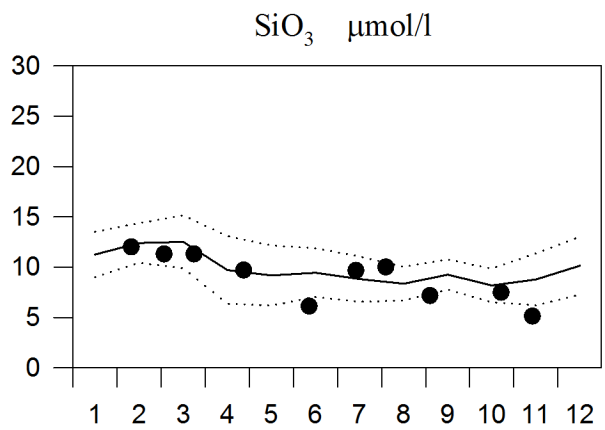
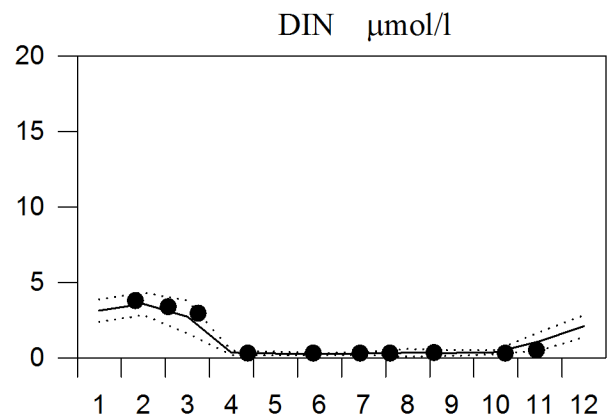
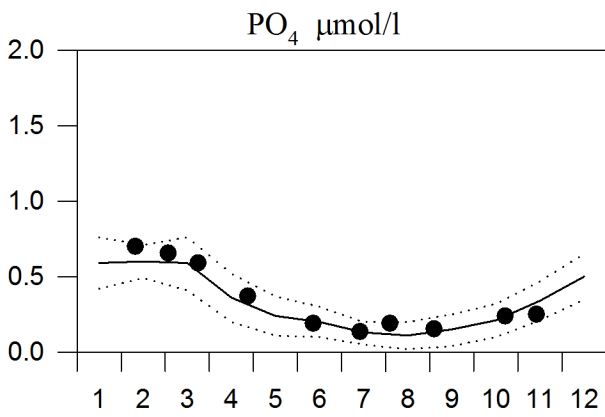
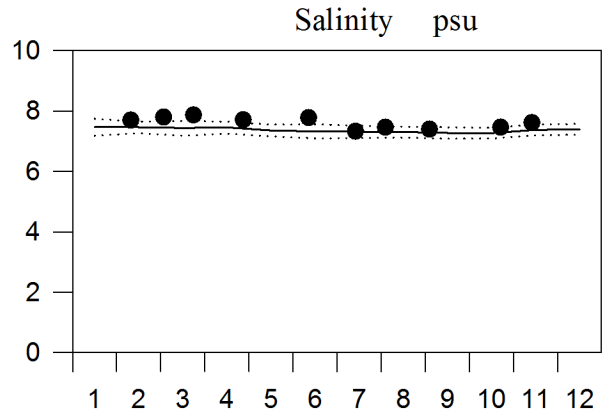
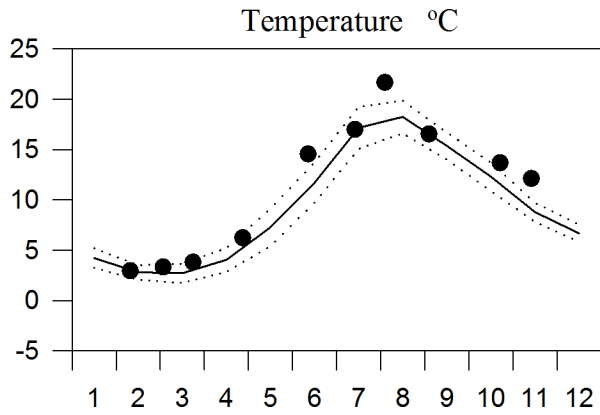
SiO₃ μmol/l



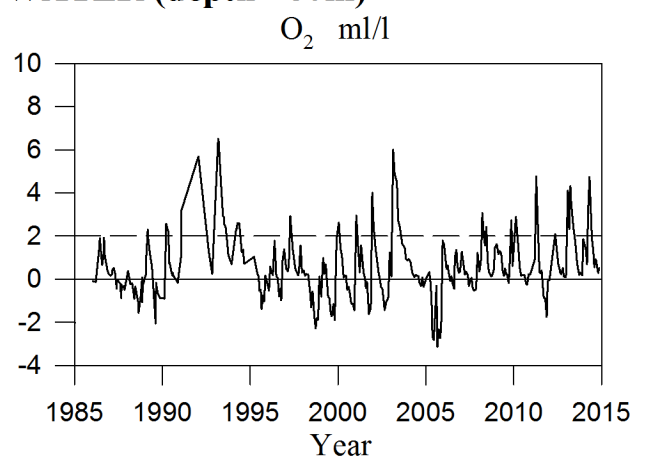
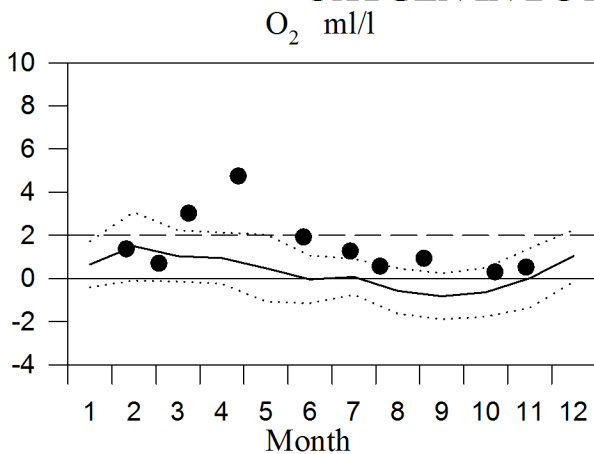
STATION BY5 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

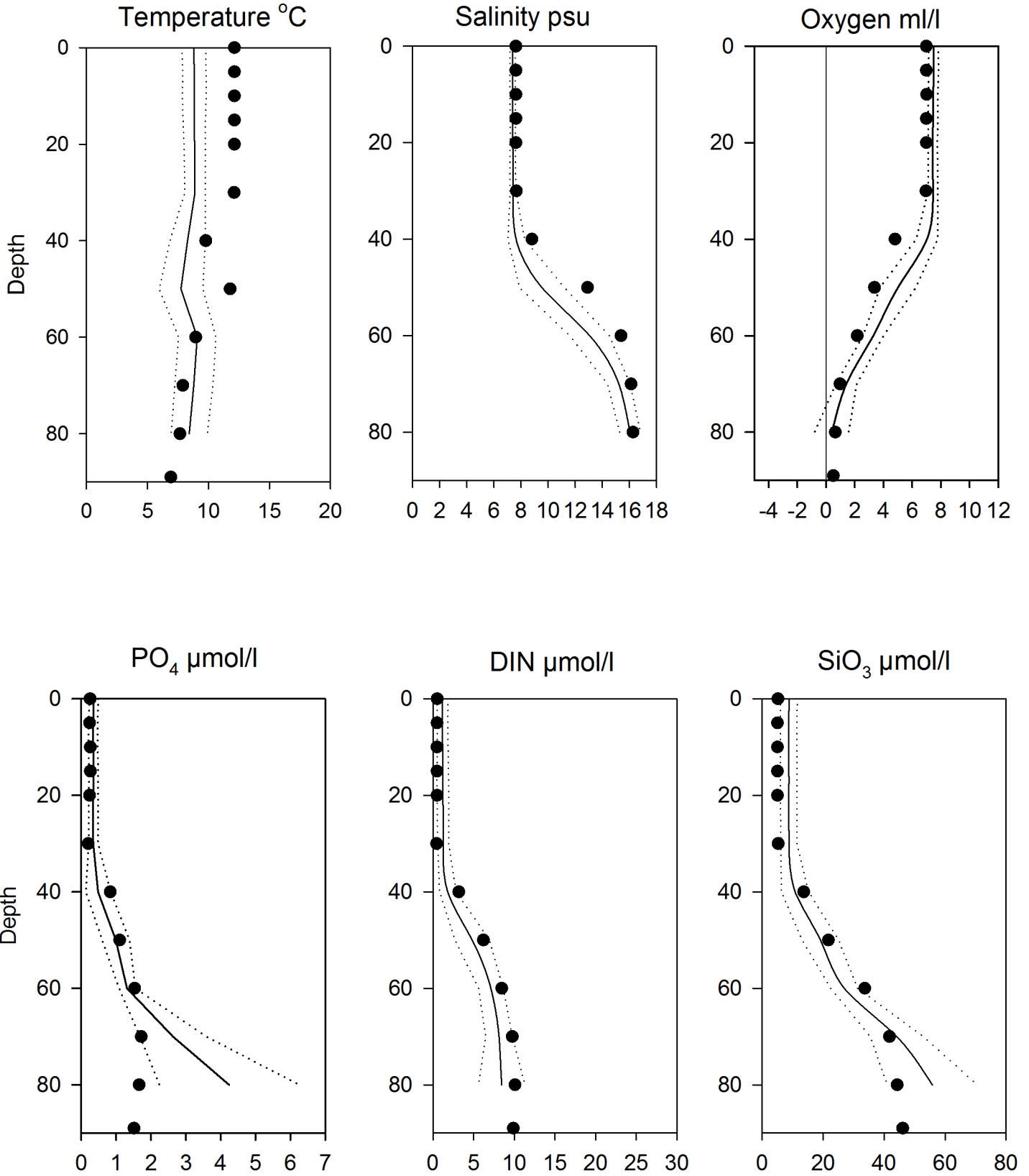


OXYGEN IN BOTTOM WATER (depth >80m)



Vertical profiles BY5 November

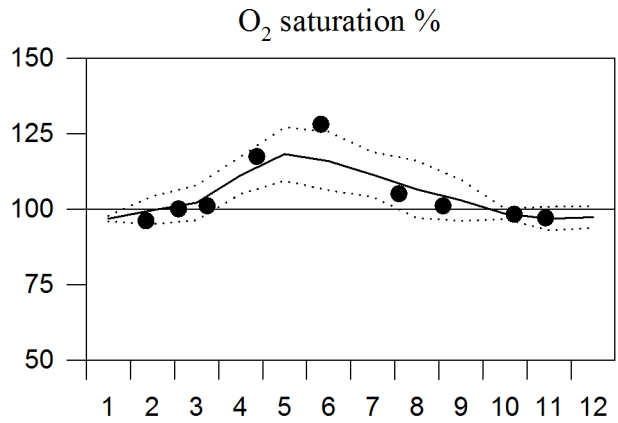
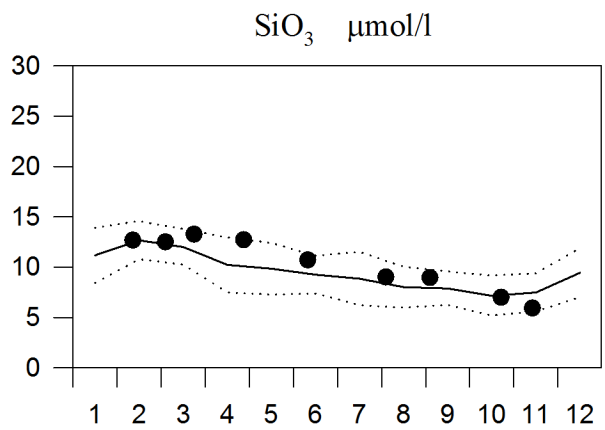
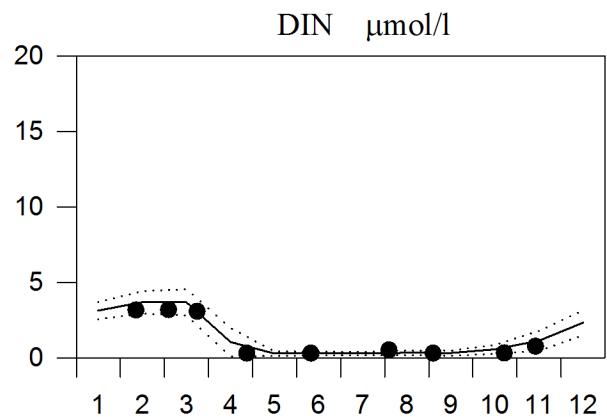
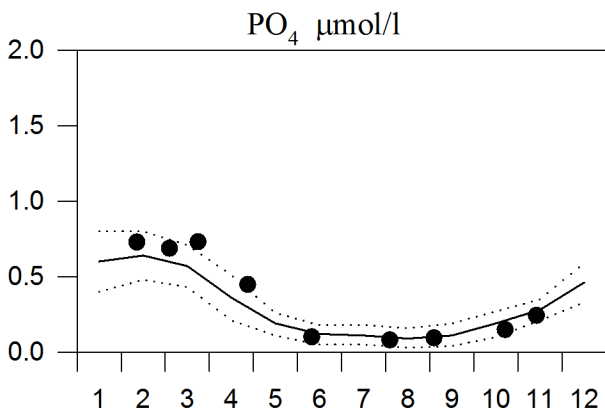
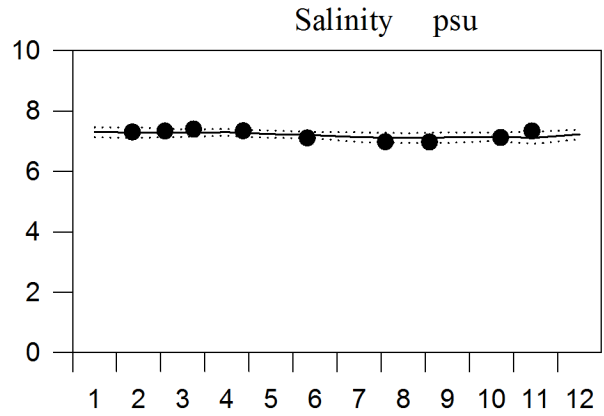
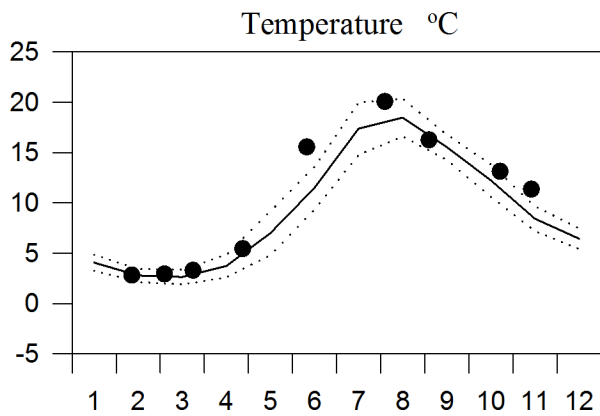
— Mean 1996-2010 St.Dev. ● 2014



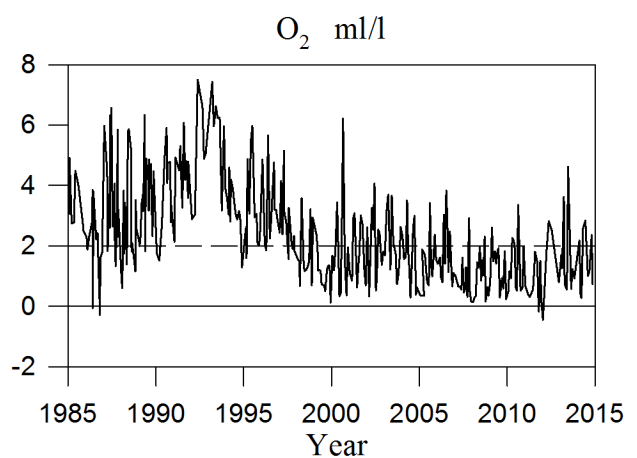
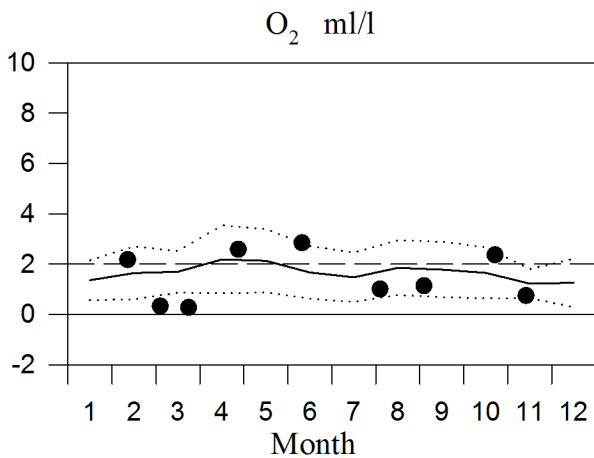
STATION BCS III-10 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

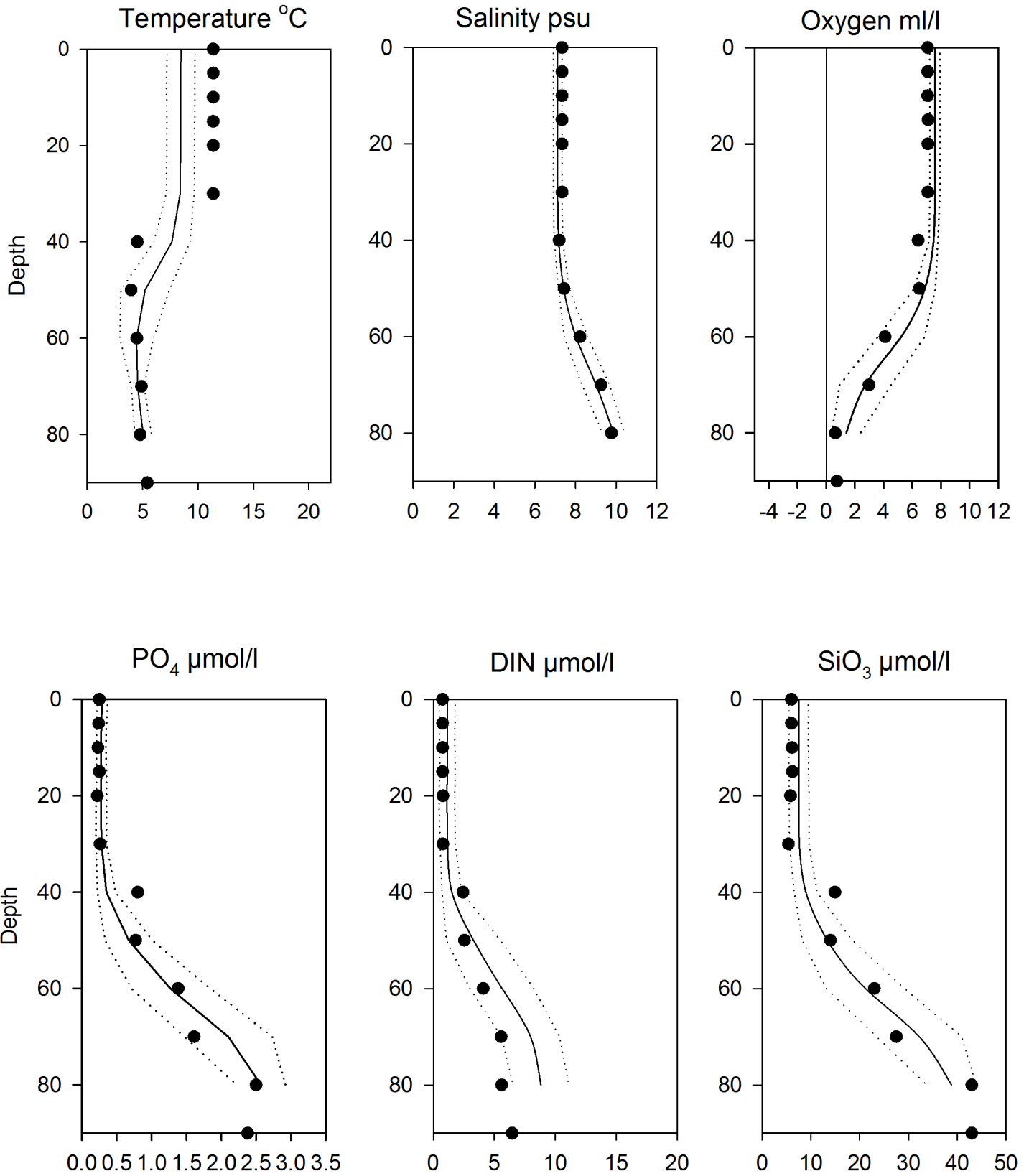


OXYGEN IN BOTTOM WATER (depth > 80m)



Vertical profiles BCS III-10 November

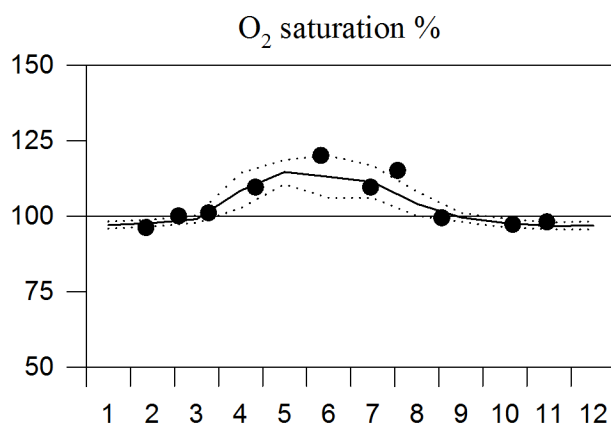
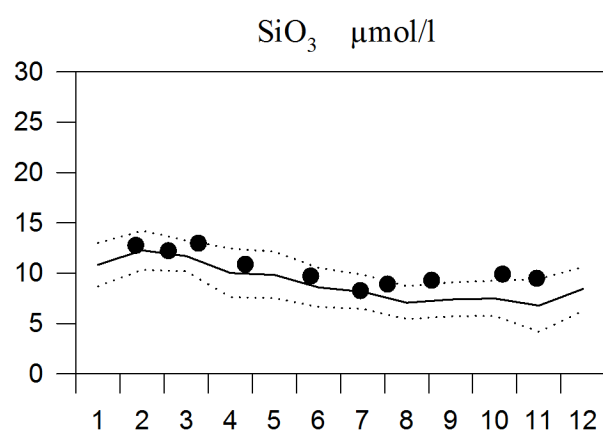
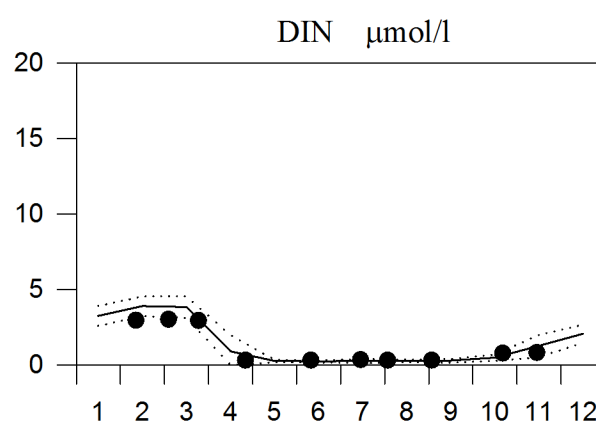
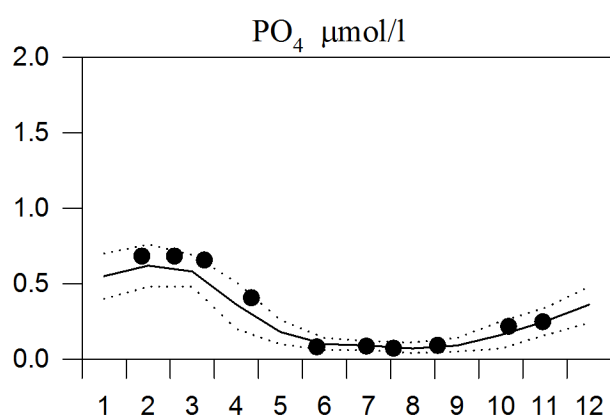
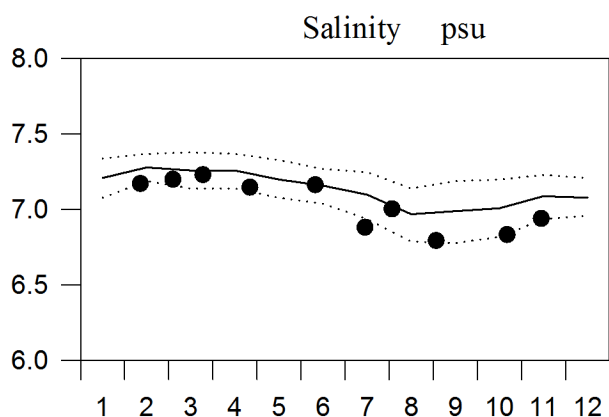
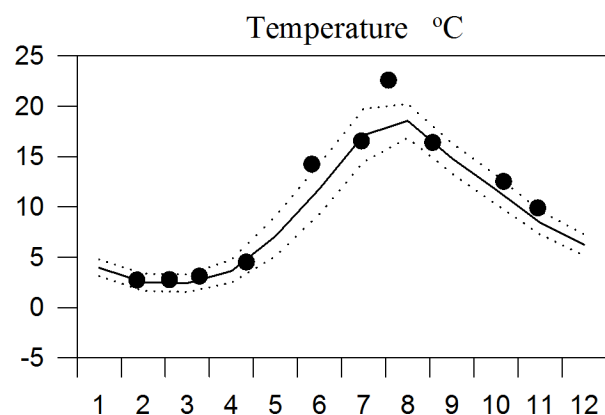
— Mean 1996-2010 St.Dev. ● 2014



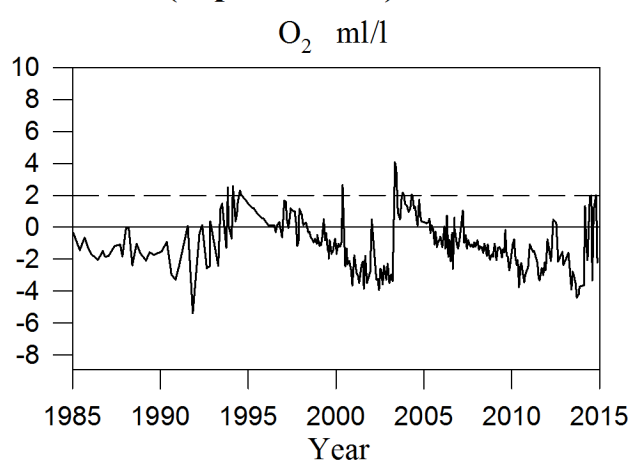
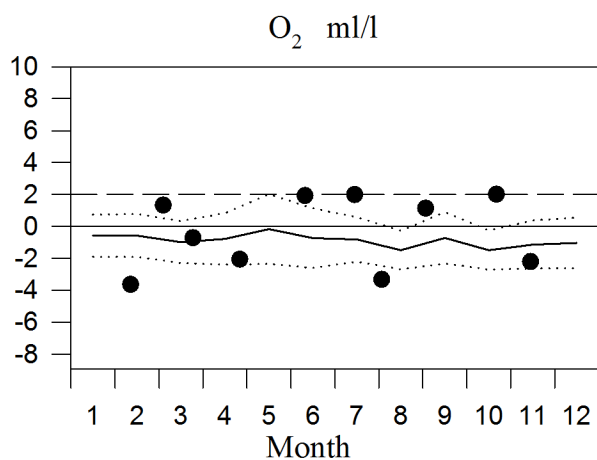
STATION BY10 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

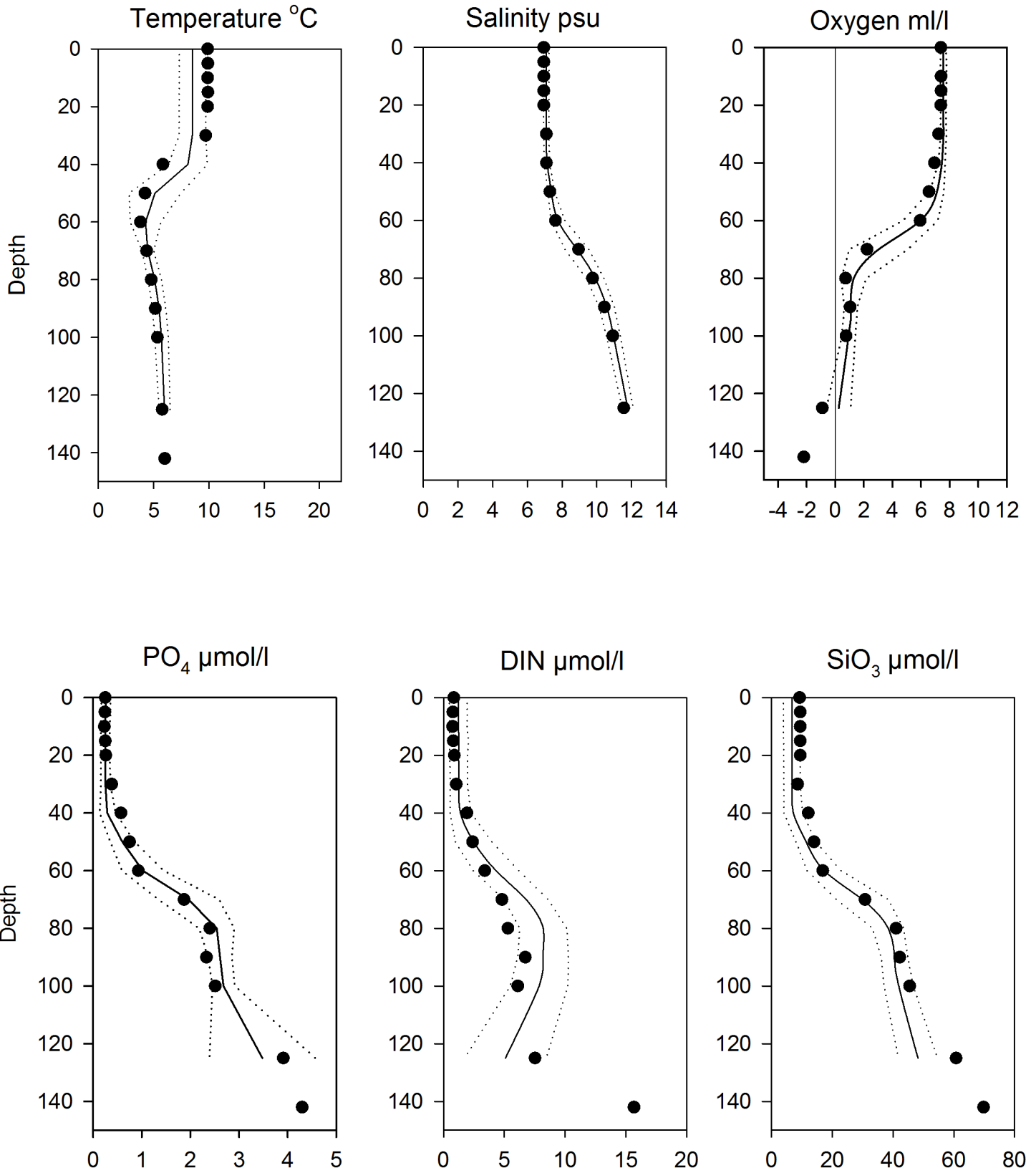


OXYGEN IN BOTTOM WATER (depth >125m)



Vertical profiles BY10 November

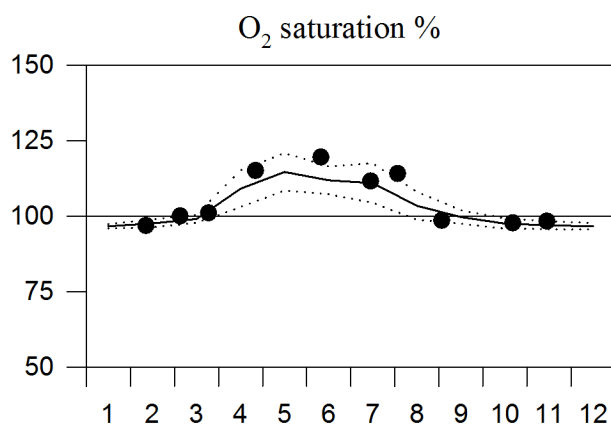
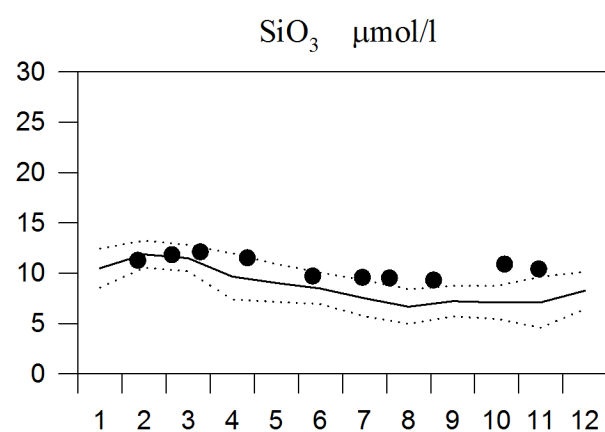
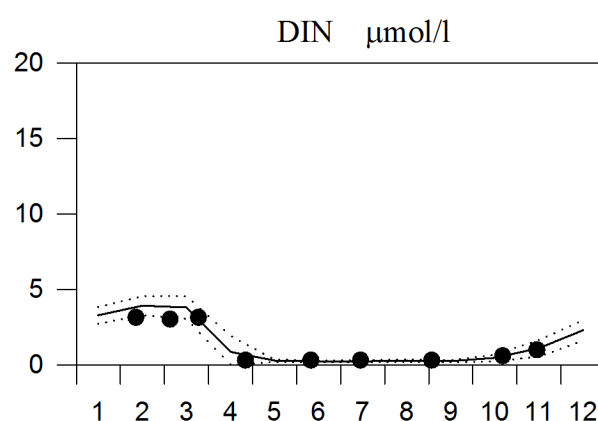
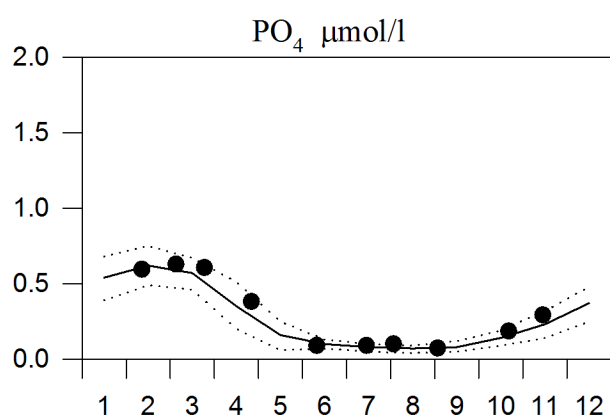
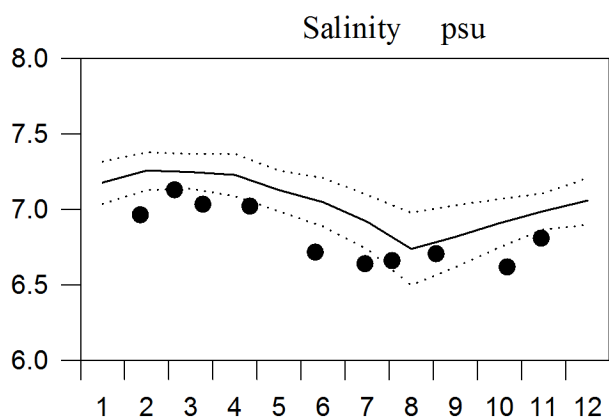
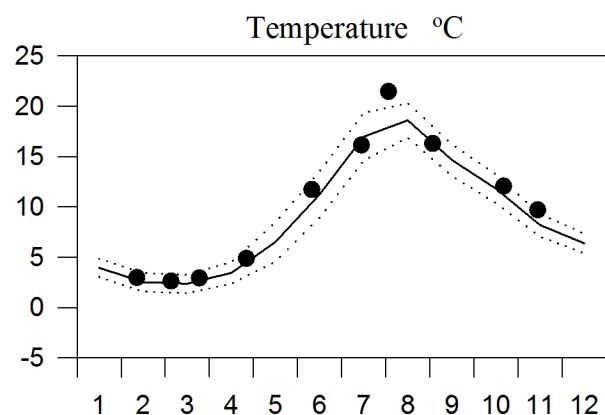
— Mean 1996-2010 St.Dev. ● 2014



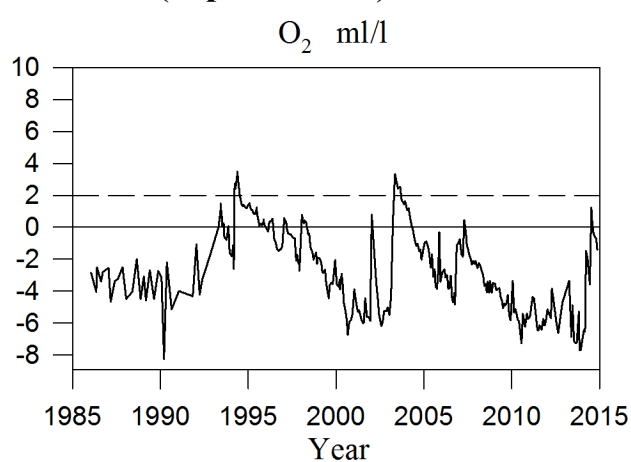
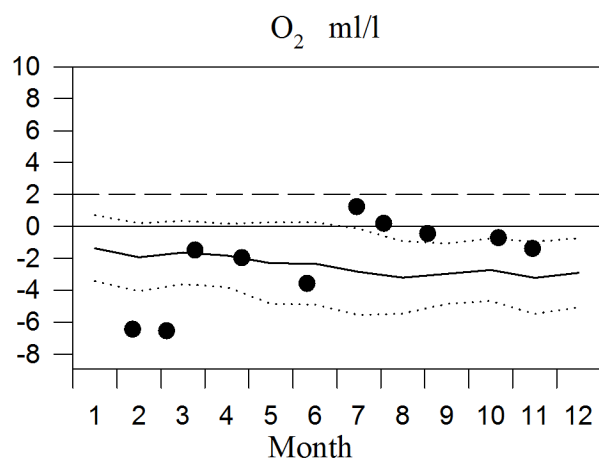
STATION BY15 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



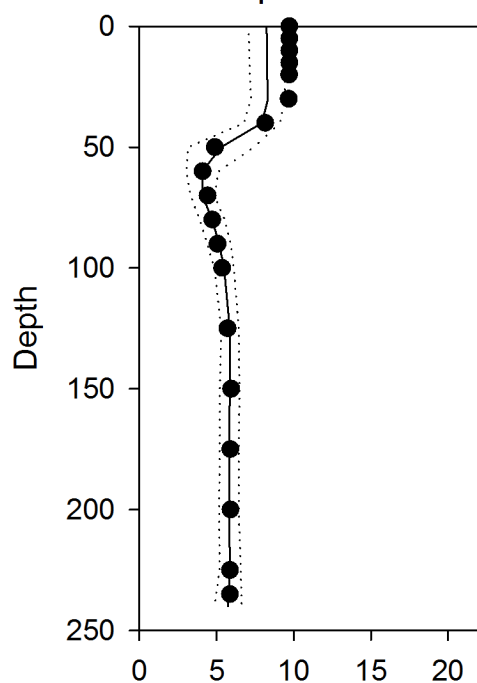
OXYGEN IN BOTTOM WATER (depth >225m)



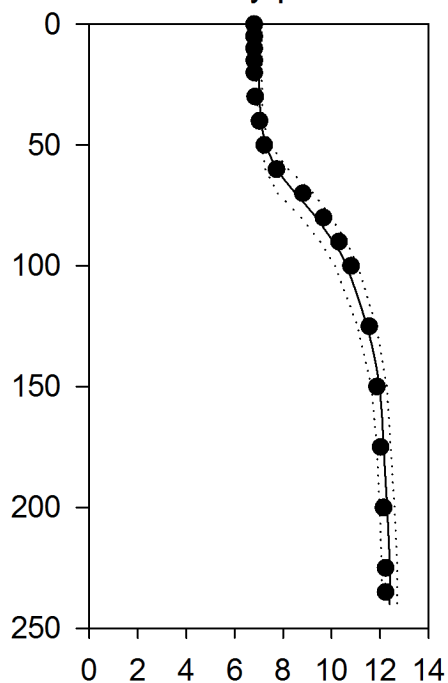
Vertical profiles BY15 November

— Mean 1996-2010 St.Dev. ● 2014

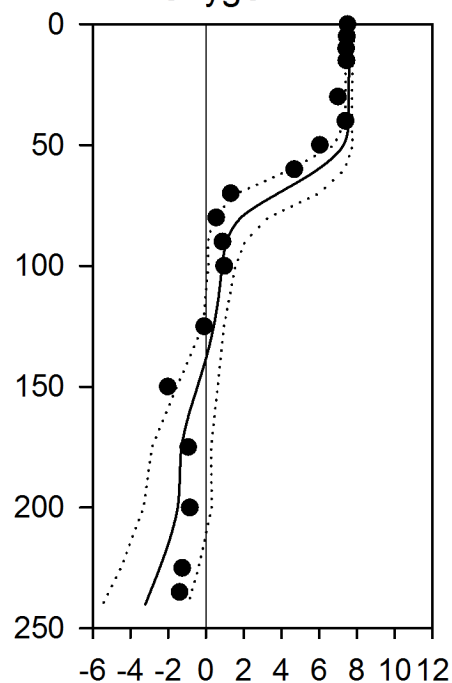
Temperature °C



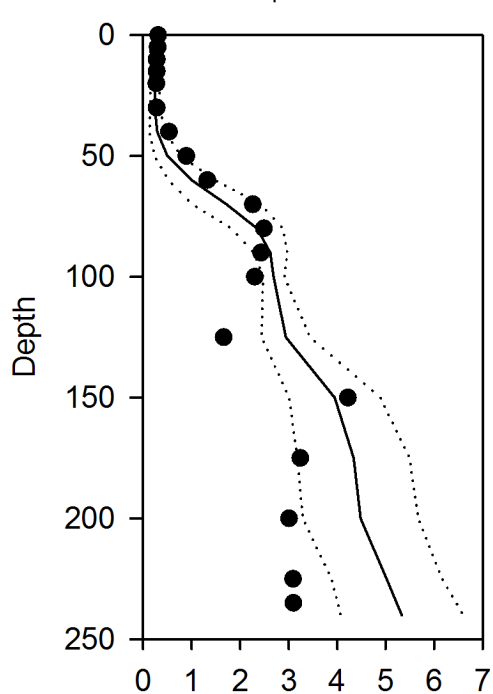
Salinity psu



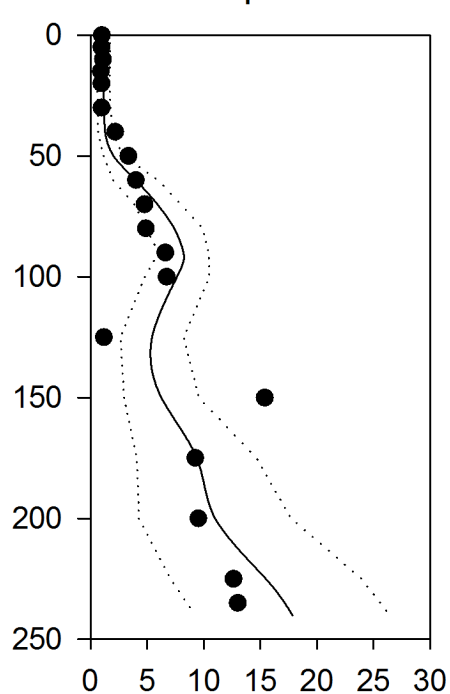
Oxygen ml/l



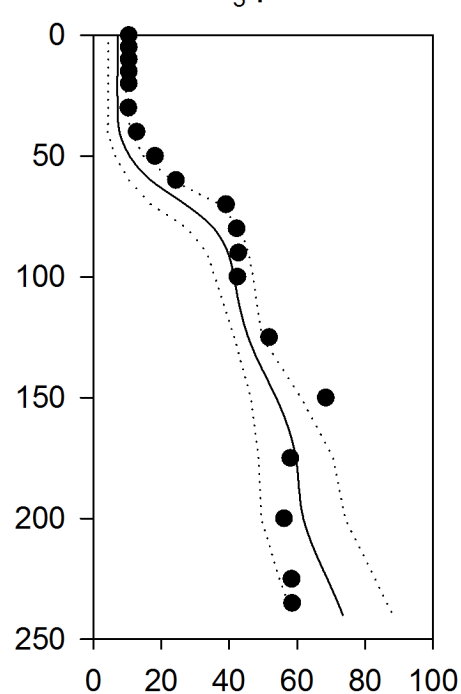
PO₄ μmol/l



DIN μmol/l



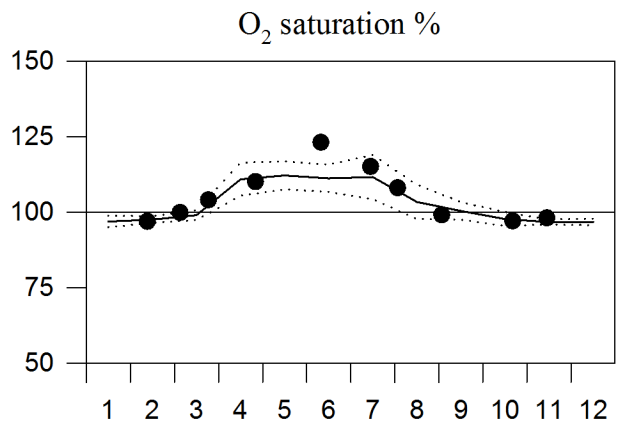
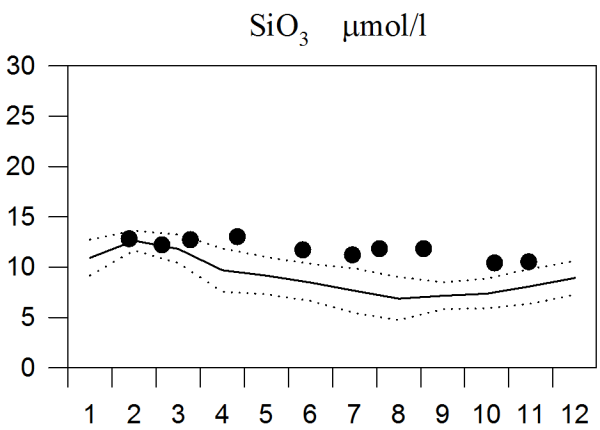
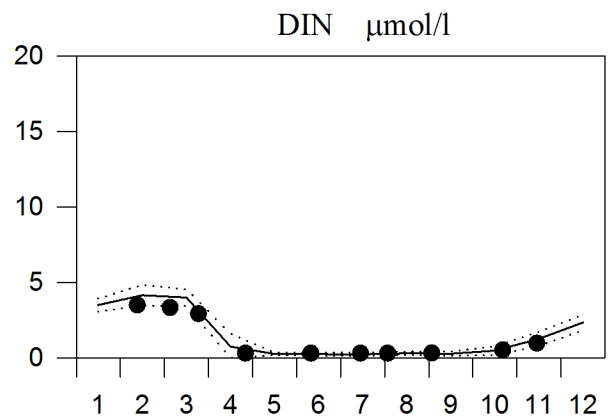
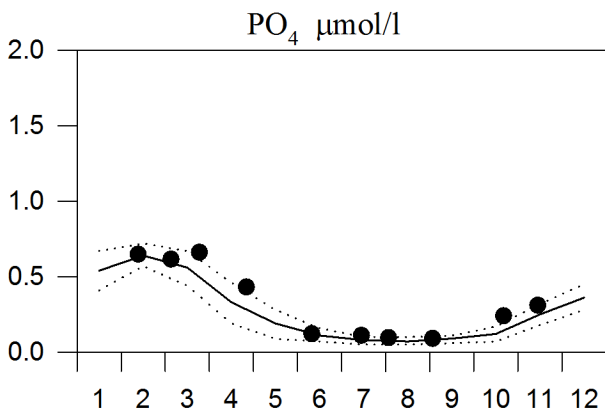
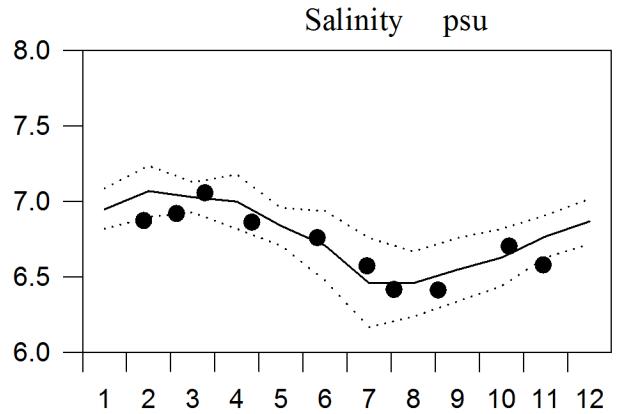
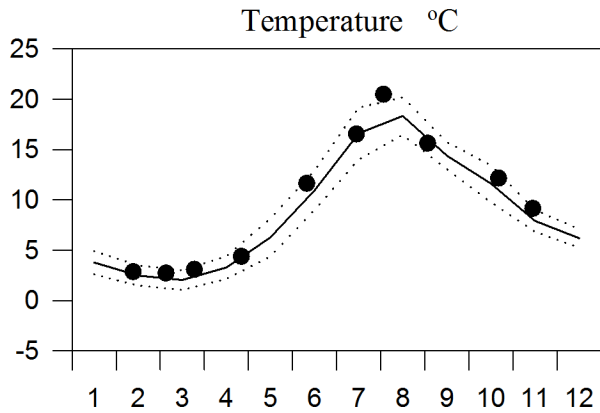
SiO₃ μmol/l



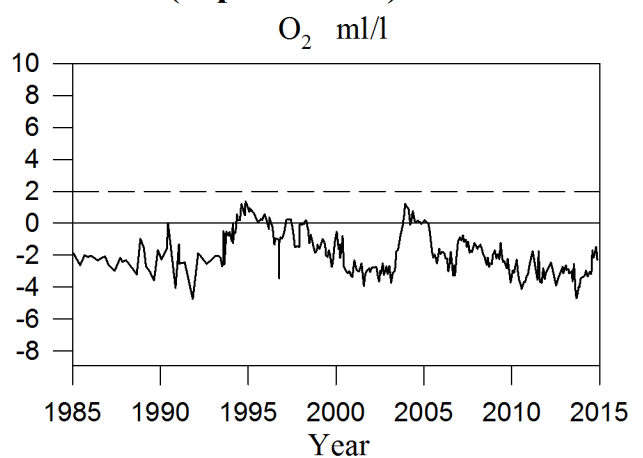
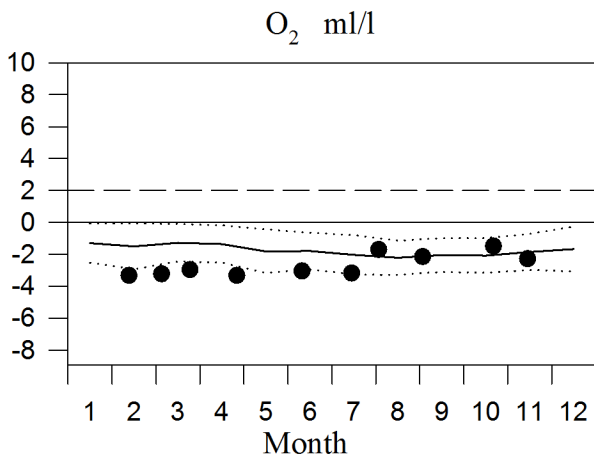
STATION BY20 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



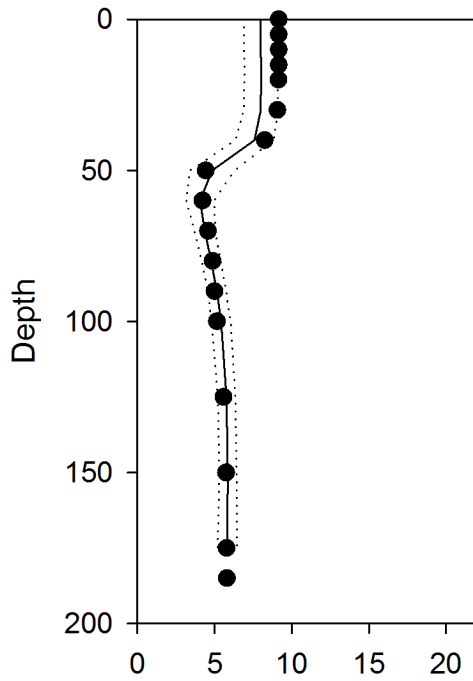
OXYGEN IN BOTTOM WATER (depth >175m)



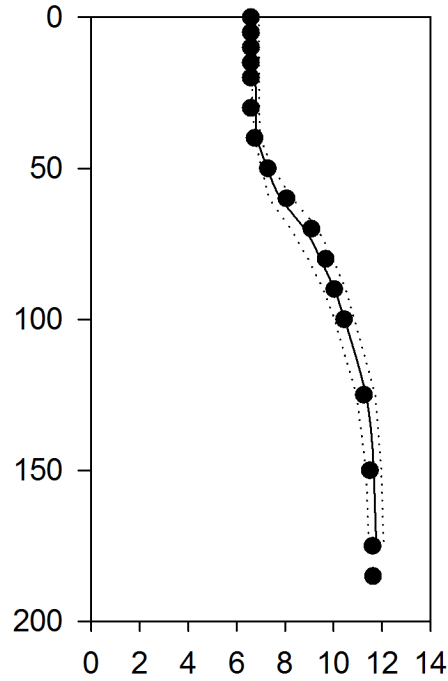
Vertical profiles BY20 November

— Mean 1996-2010 St.Dev. ● 2014

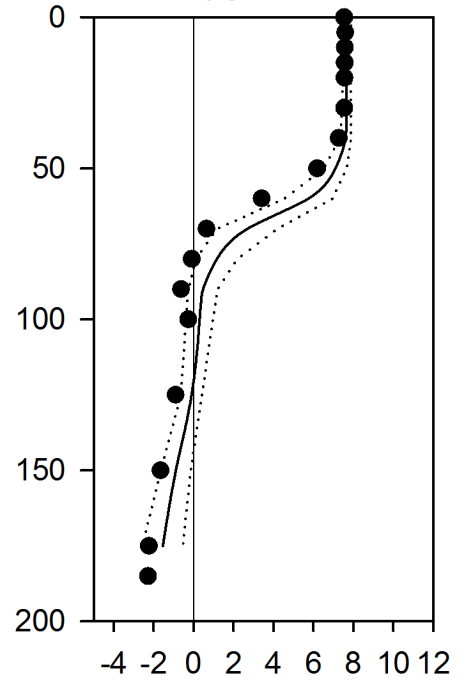
Temperature °C



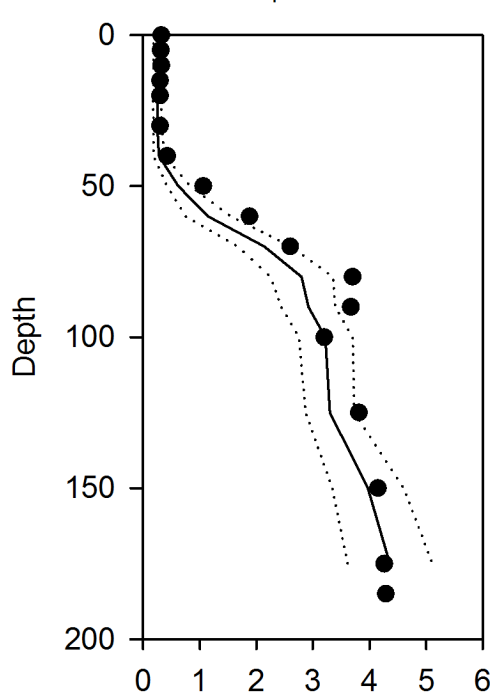
Salinity psu



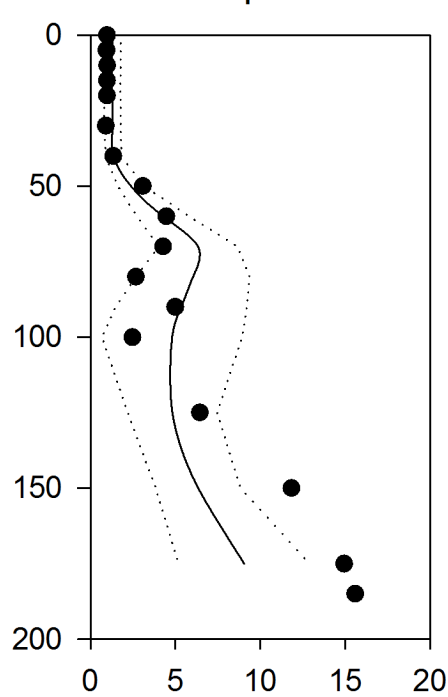
Oxygen ml/l



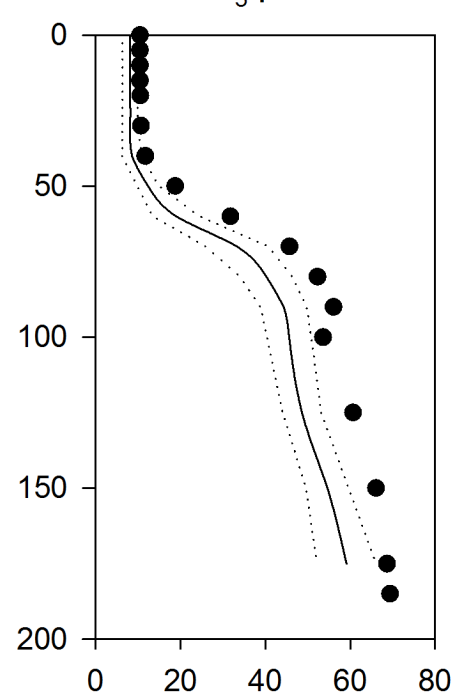
PO₄ μmol/l



DIN μmol/l



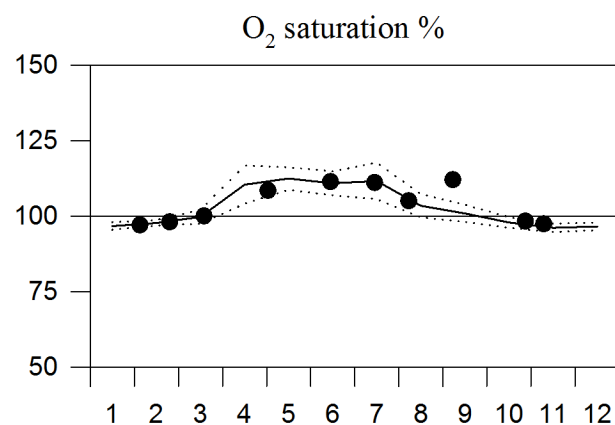
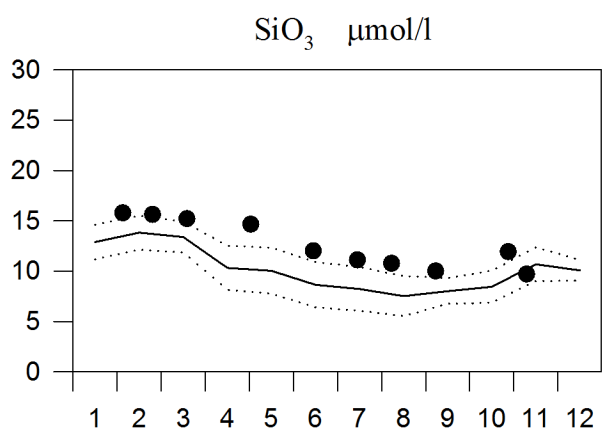
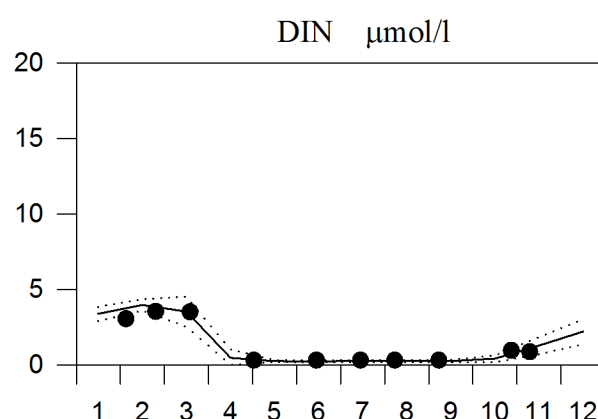
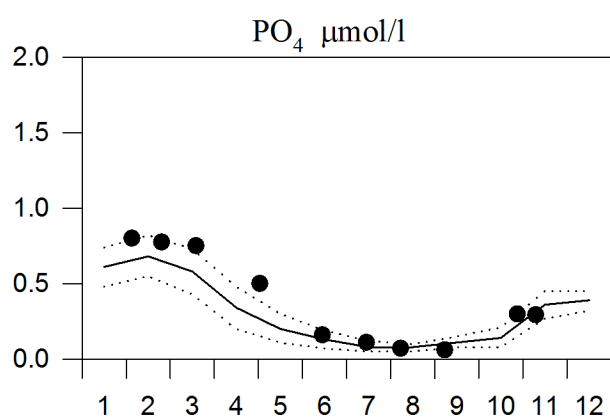
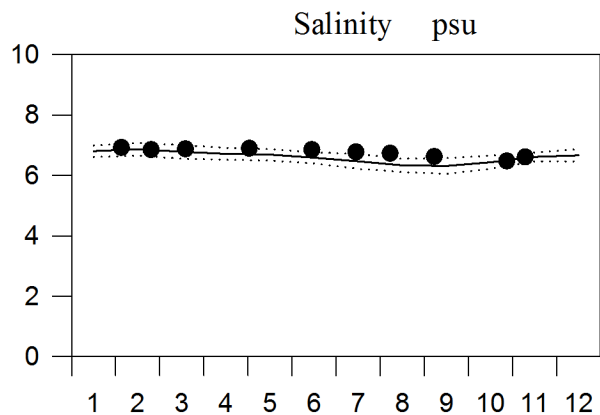
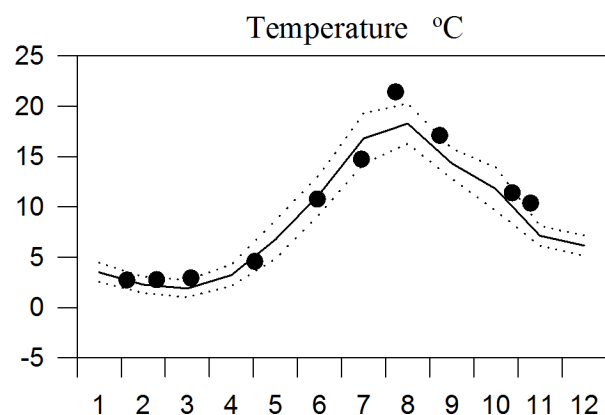
SiO₃ μmol/l



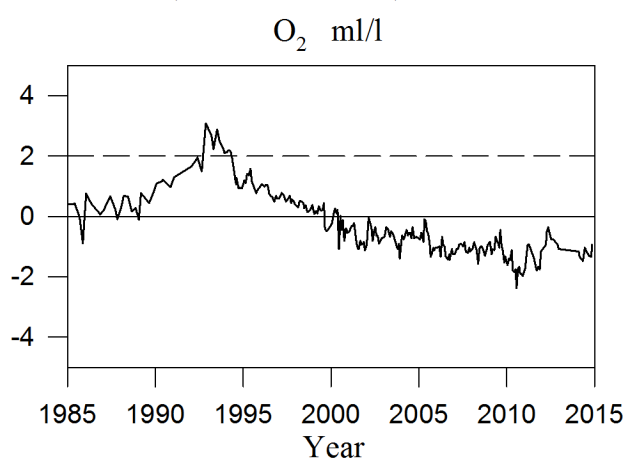
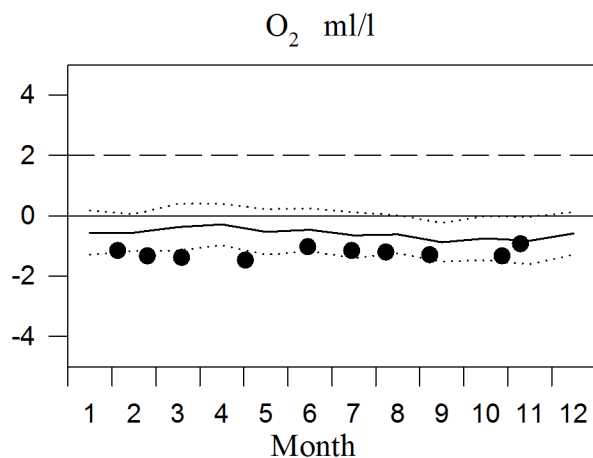
STATION BY32 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



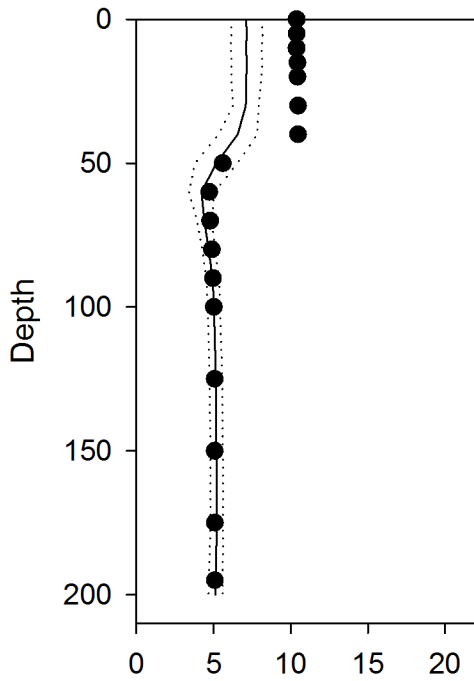
OXYGEN IN BOTTOM WATER (depth > 175m)



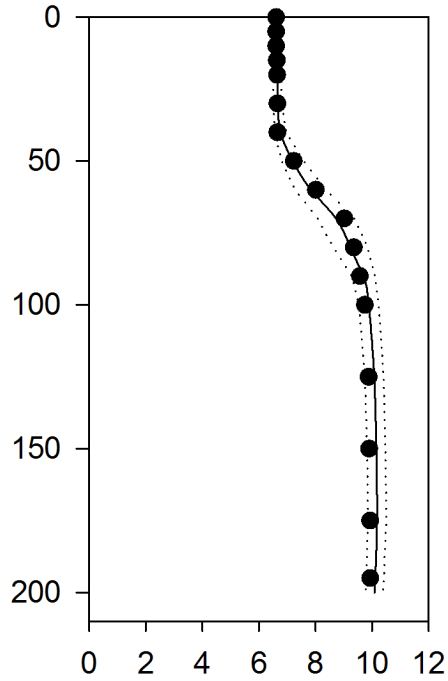
Vertical profiles BY32 November

— Mean 1996-2010 St.Dev. ● 2014

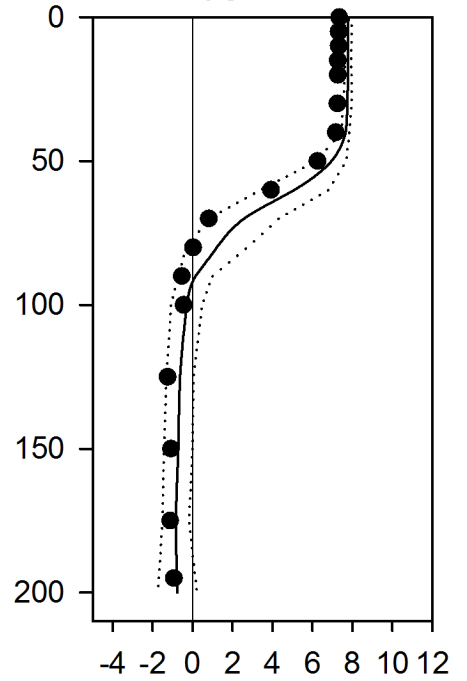
Temperature °C



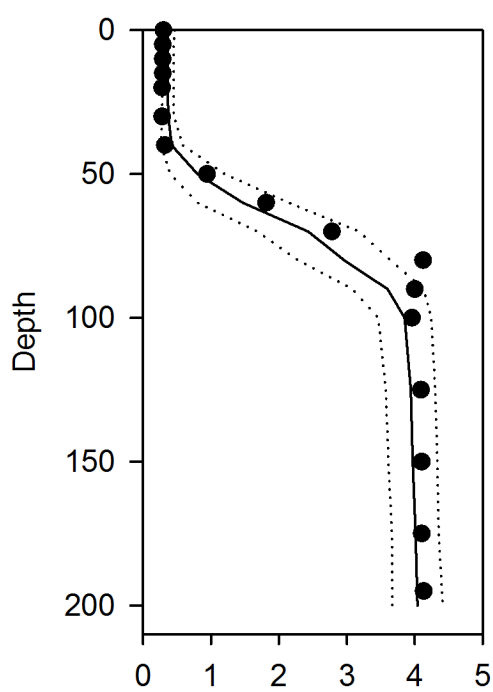
Salinity psu



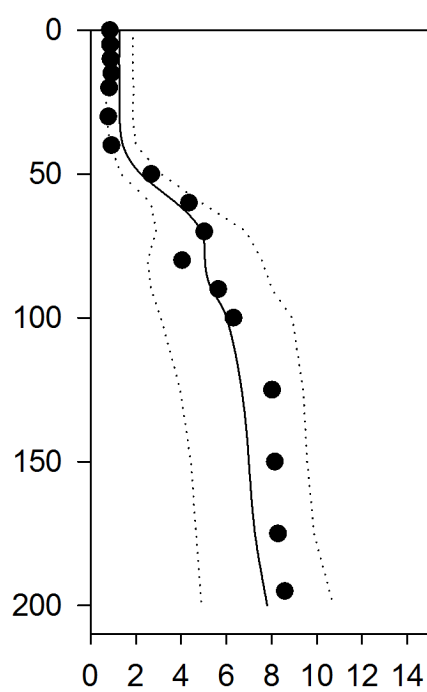
Oxygen ml/l



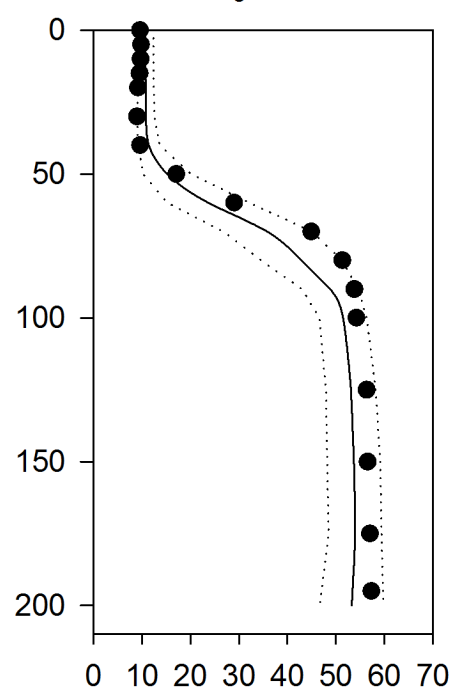
PO₄ μmol/l



DIN μmol/l



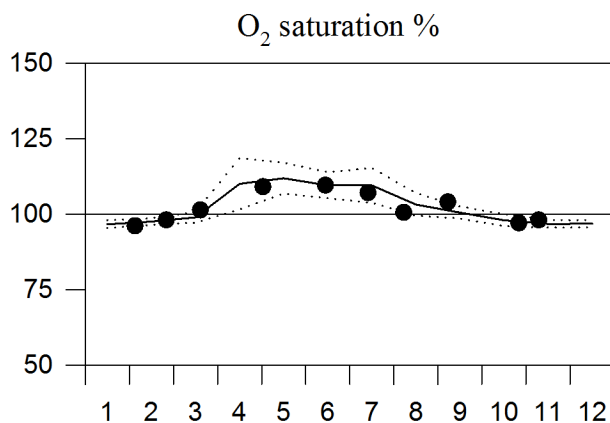
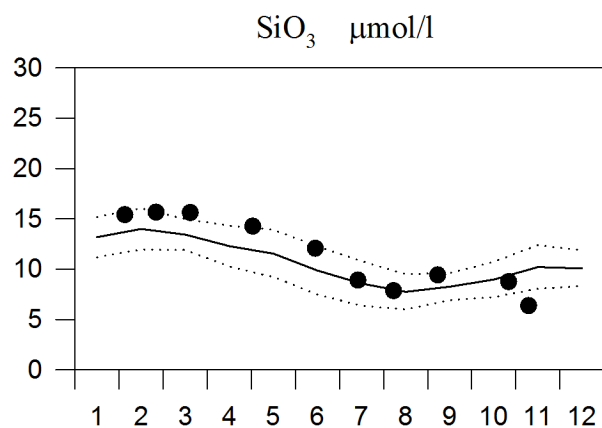
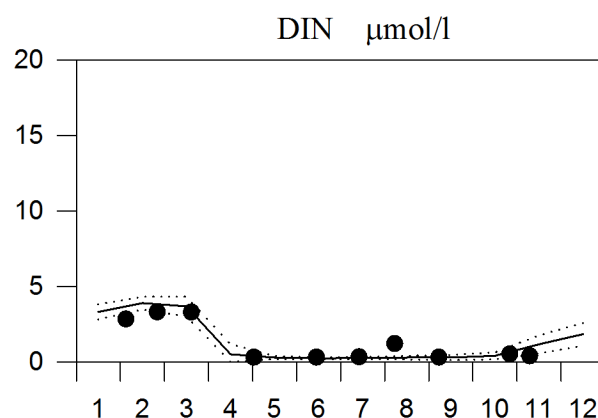
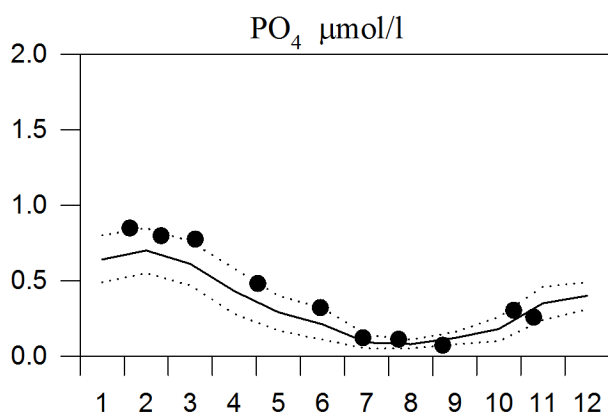
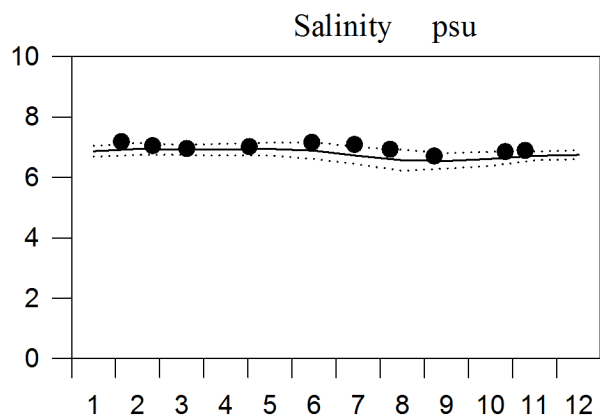
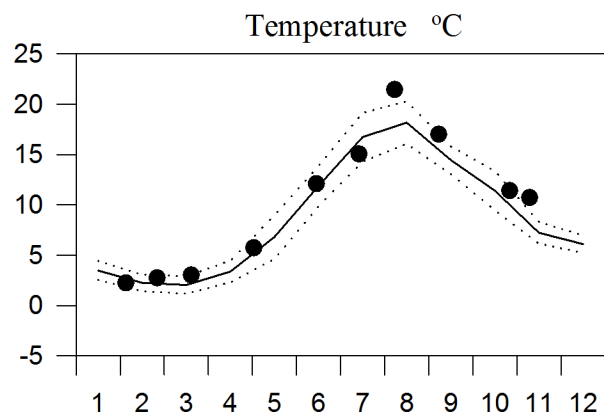
SiO₃ μmol/l



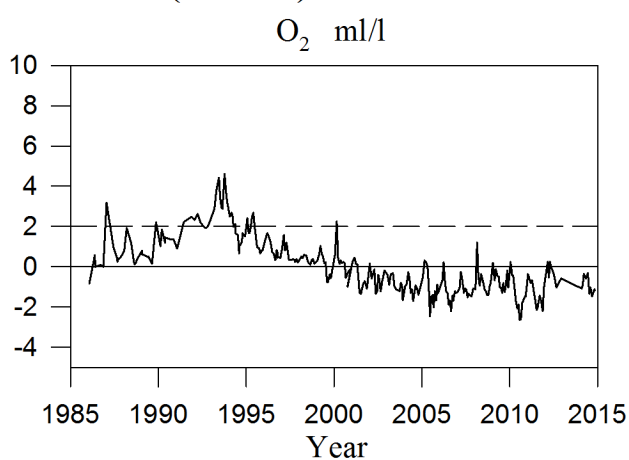
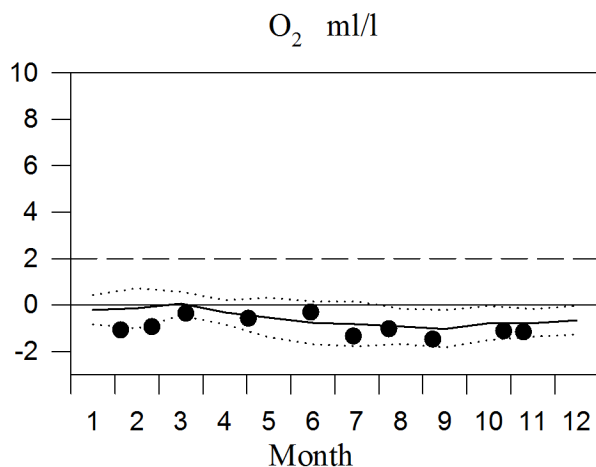
STATION BY38 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

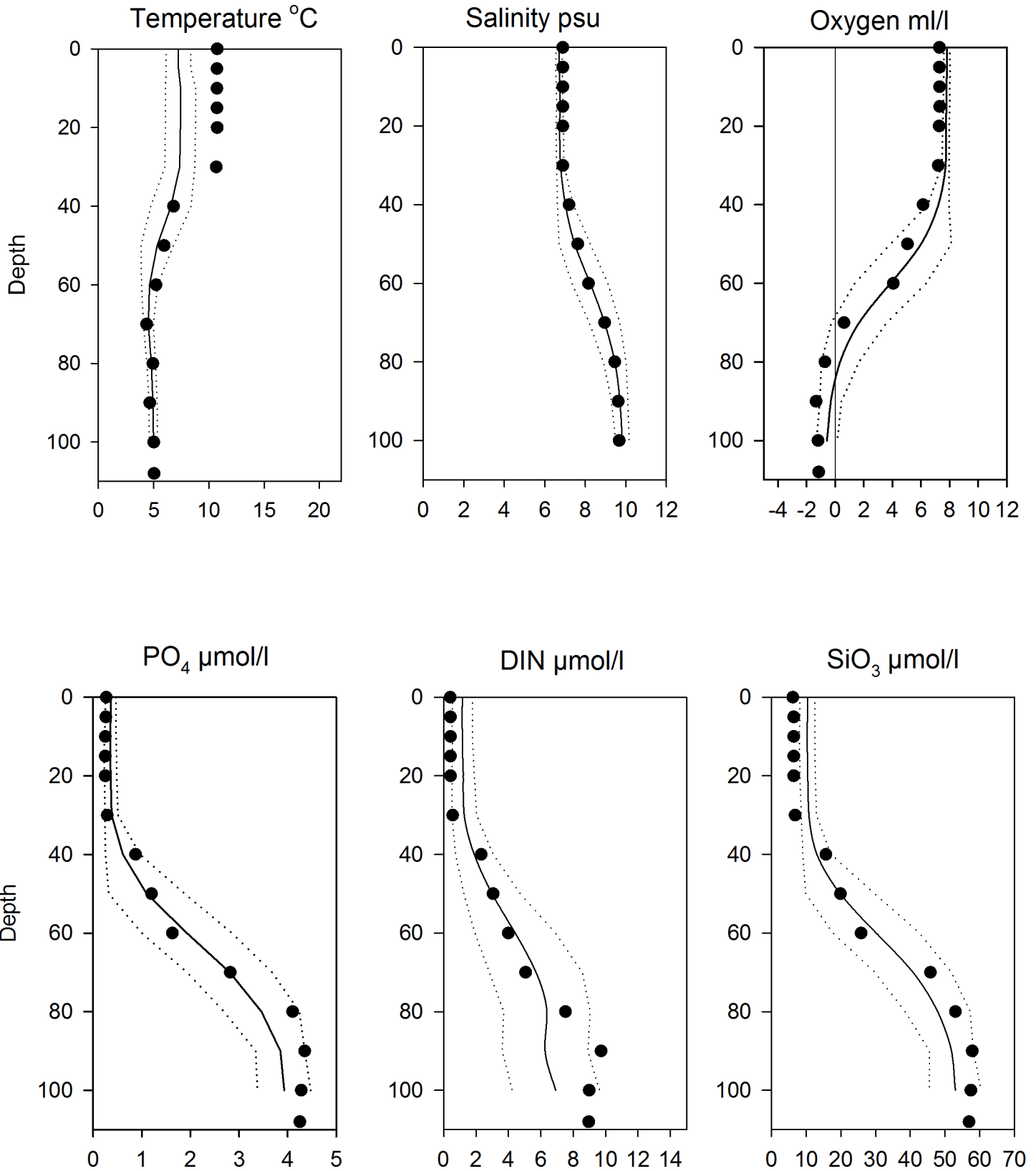


OXYGEN IN BOTTOM WATER (> 100m)



Vertical profiles BY38 November

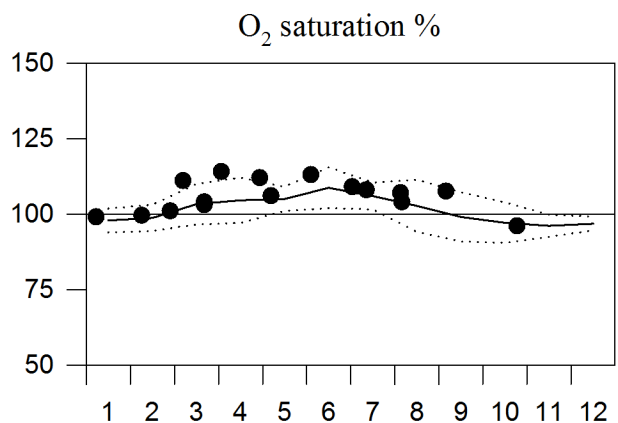
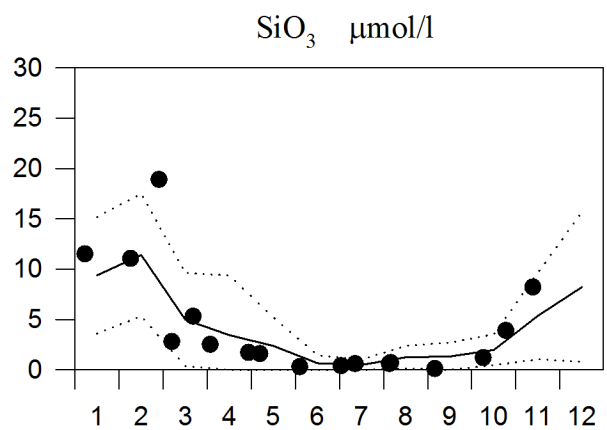
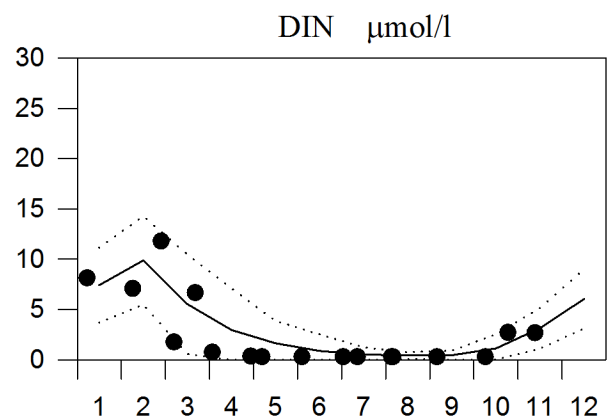
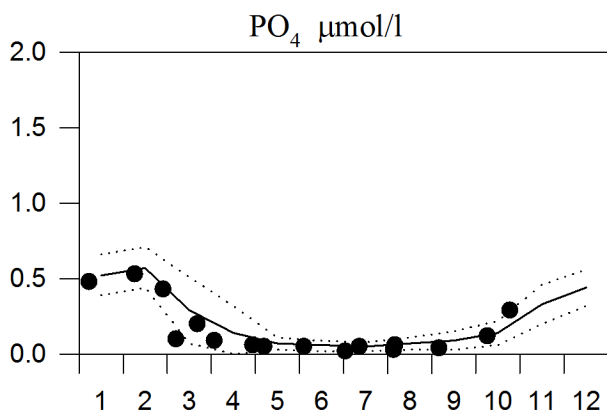
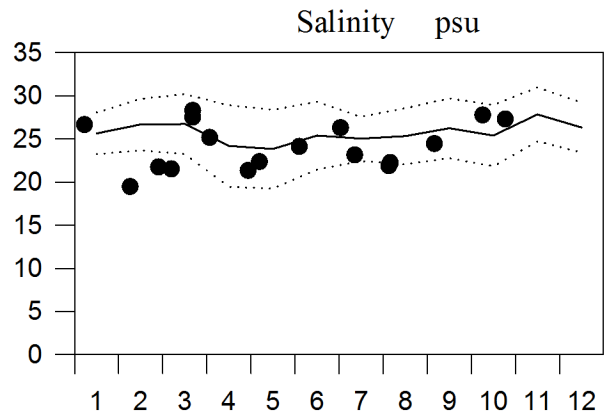
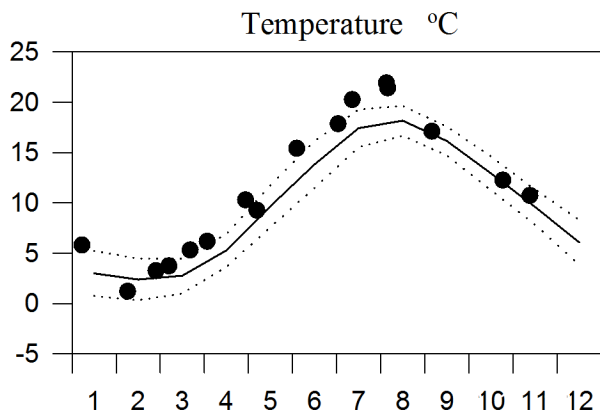
— Mean 1996-2010 St.Dev. ● 2014



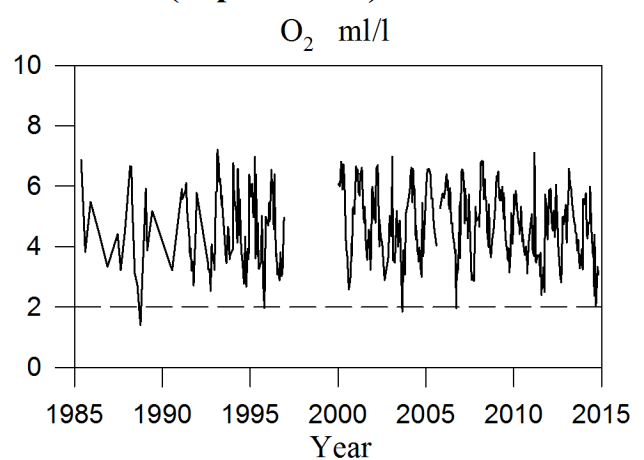
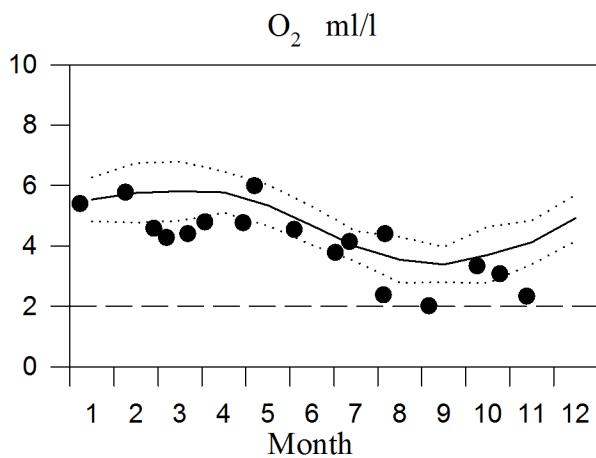
STATION SLÄGGÖ SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

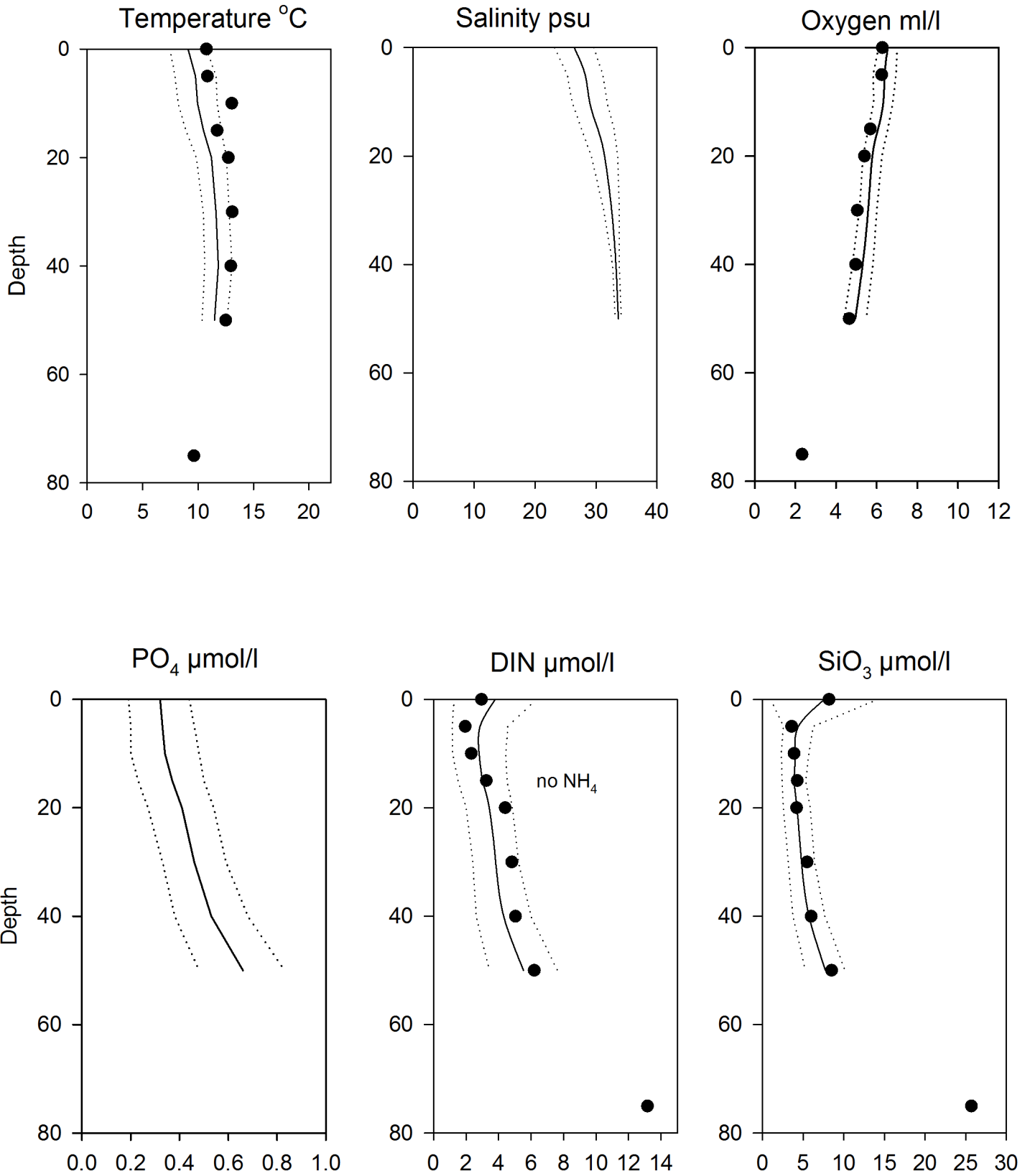


OXYGEN IN BOTTOM WATER (depth >50m)



Vertical profiles Släggö November

— Mean 1996-2010 St.Dev. ● 2014



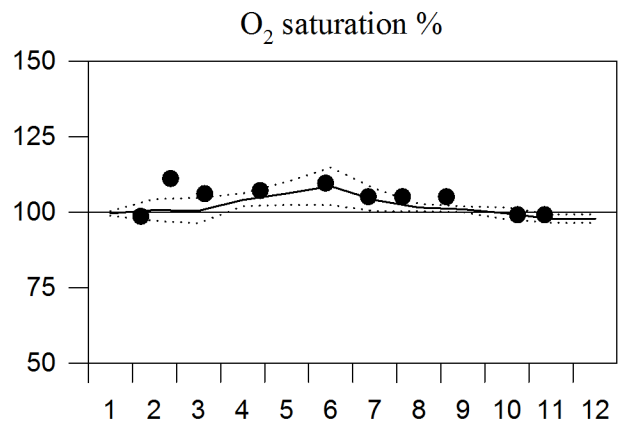
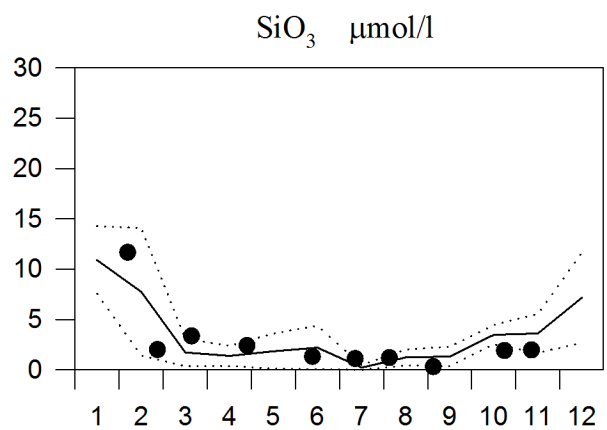
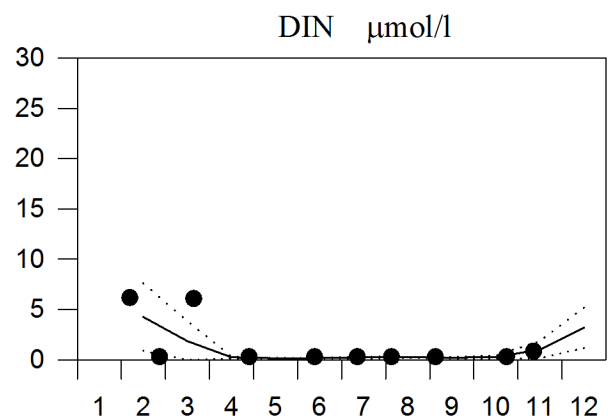
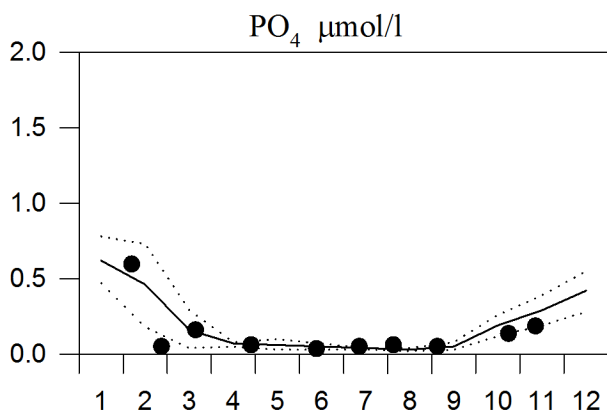
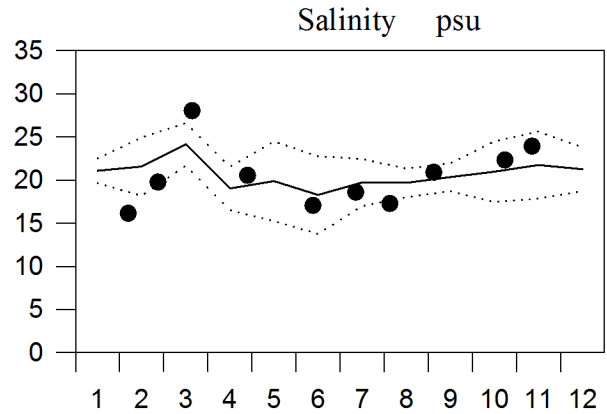
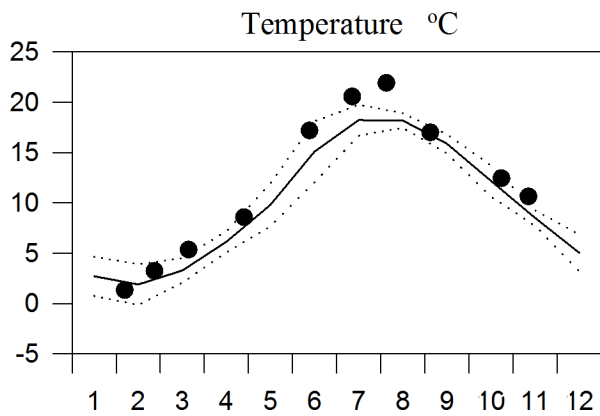
STATION N14 Falkenberg SURFACE WATER

Annual Cycles

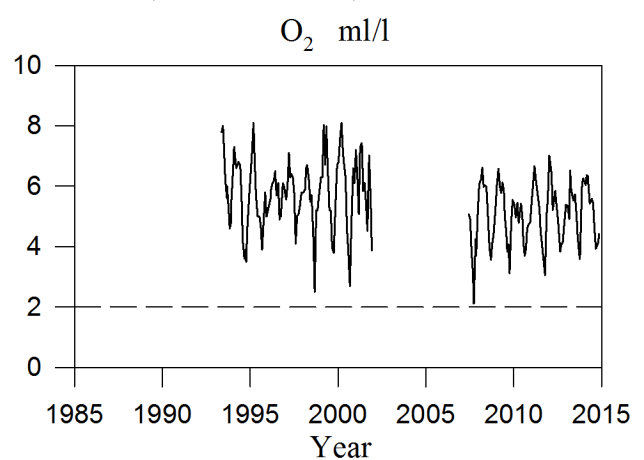
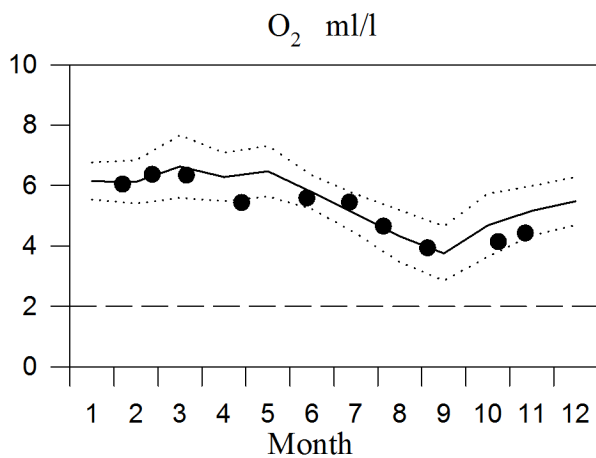
— Mean 2007-2010

..... St.Dev.

● 2014

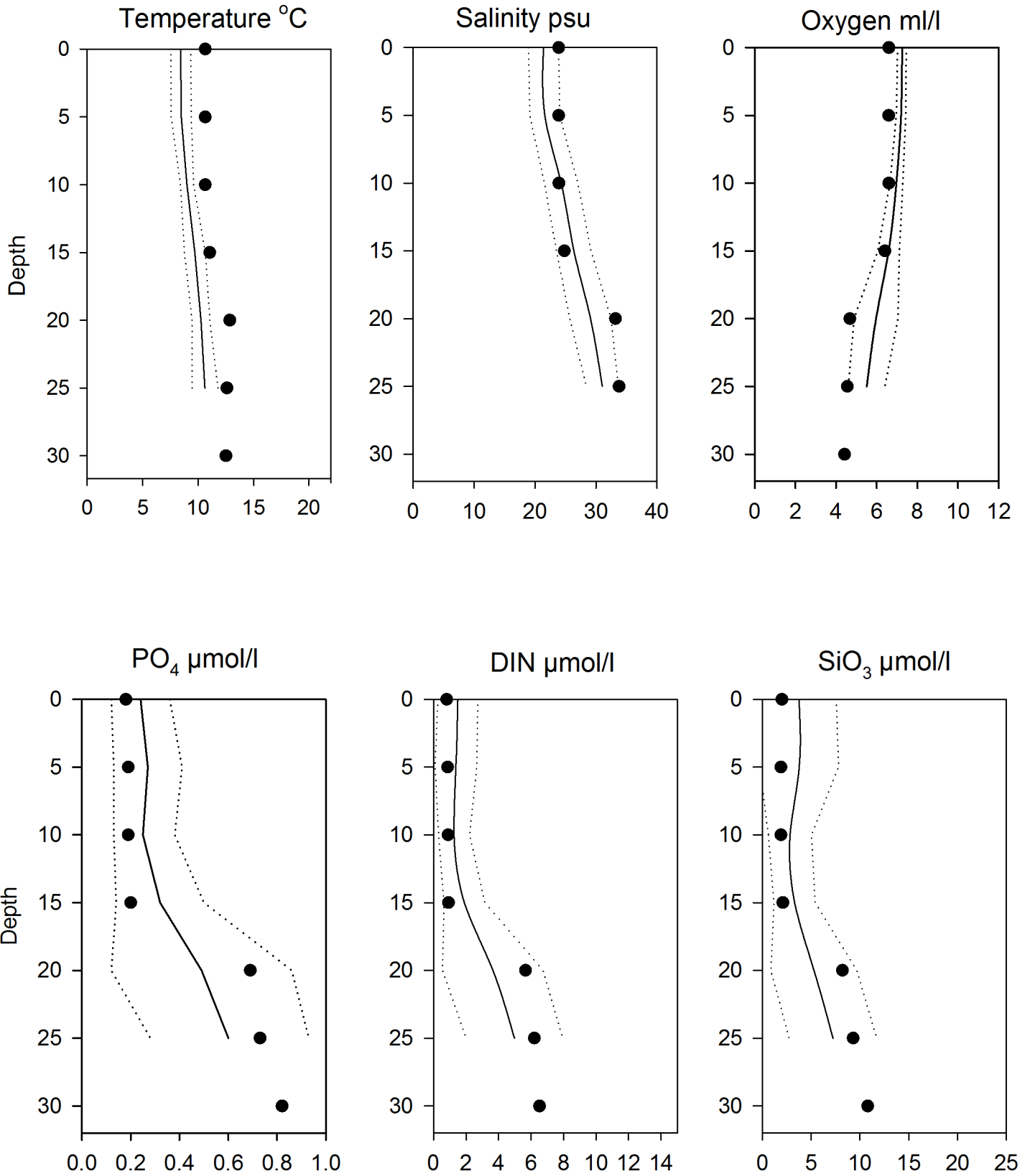


OXYGEN IN BOTTOM WATER (depth > 25m)



Vertical profiles N14 Falkenberg November

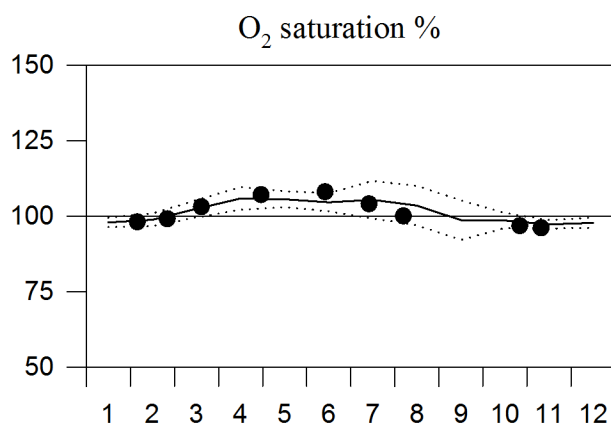
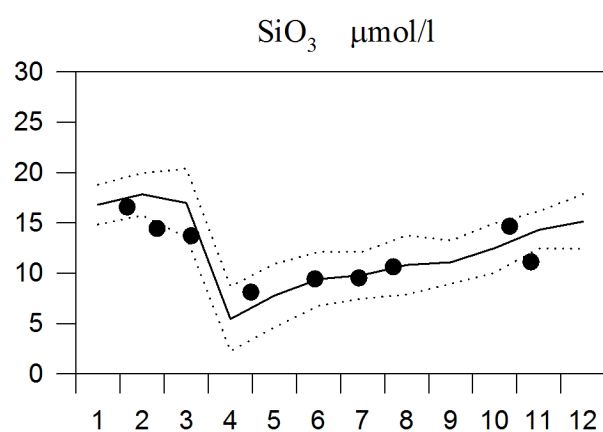
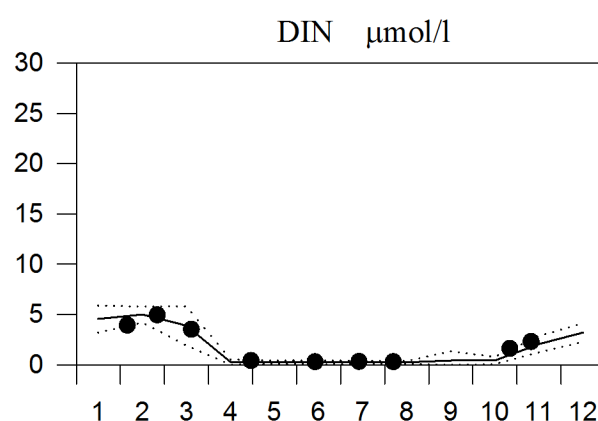
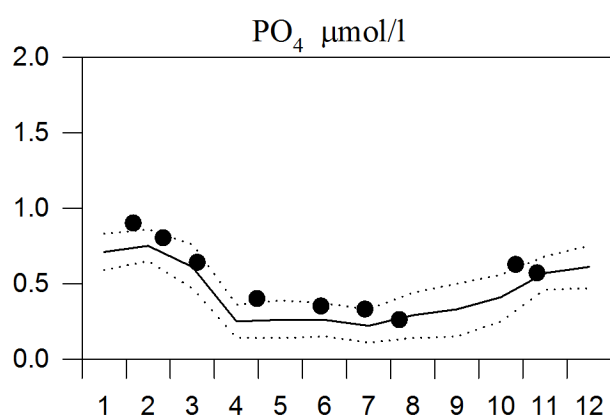
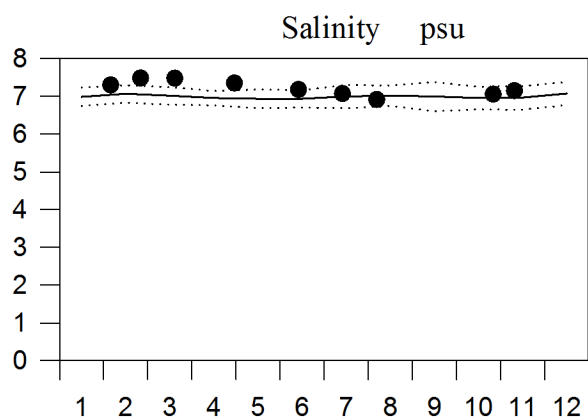
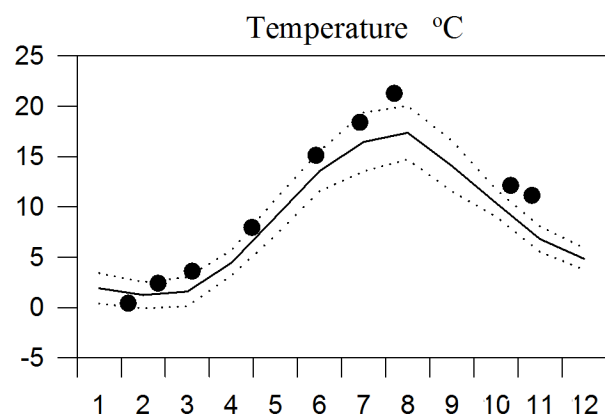
— Mean 1996-2010 St.Dev. ● 2014



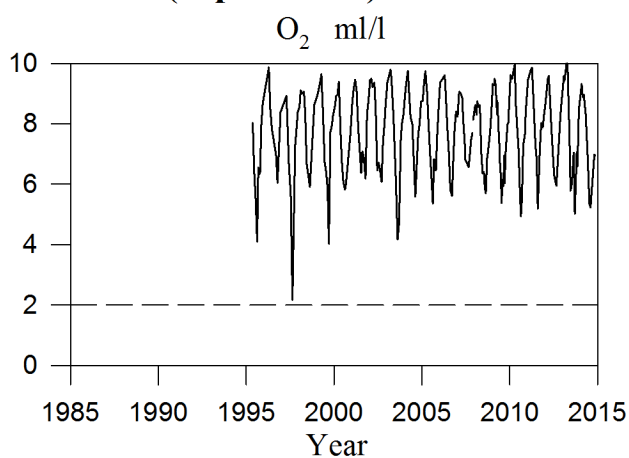
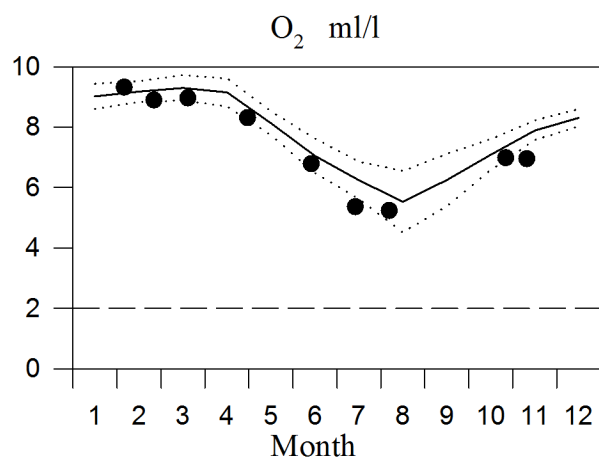
STATION REF M1V1 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



OXYGEN IN BOTTOM WATER (depth >15m)



Vertical profiles Ref M1V1 November

— Mean 1996-2010 St.Dev. ● 2014

