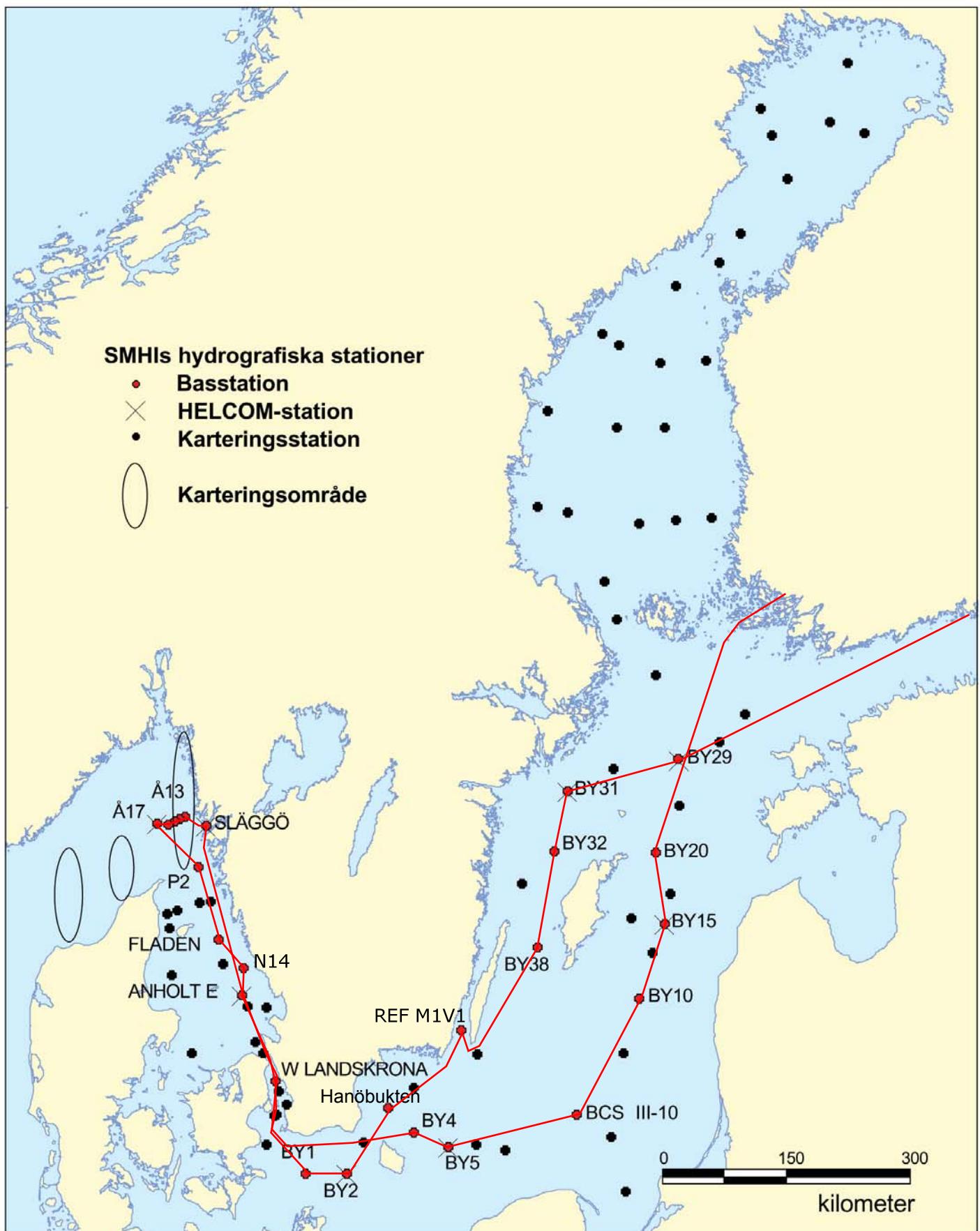


TRACKCHART
Country: Sweden
Ship: R/V ARANDA
Date: 20141108-20141115
Series: 0747-0771



SMHI
Ocean enh

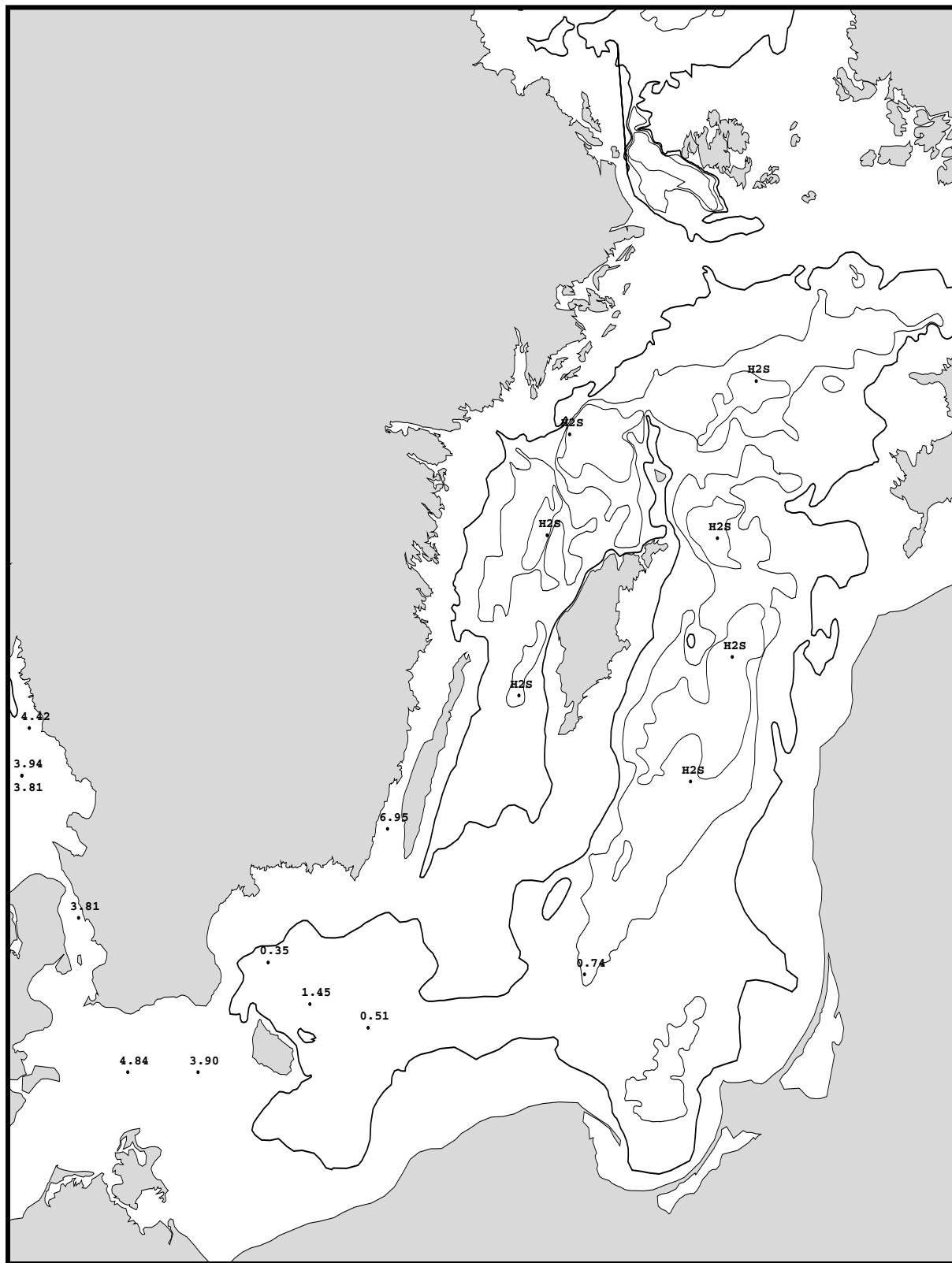
***** Hydrographic
***** series
Ship: 01-Aranda
Year: 2014

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

Ser no	Stat code	P r o j	Station-----	Lat-----	Lon-----	Date yyyyymmdd	Time hhmm	Bottom depth	Secchi depth	Air temp	Air pres	WCSI	C	PPCPZZT	No	T S	P O H P T N N N T A S H L P P T C	
							utc	m	m	di	ve				e a	h x 2 0 0 0 o h o l i u i 0 0 0 o		
												C	hPa	aoae d	Cilyoaa	m l	y S 4 t 2 3 4 t k O m g N C C m	
														tu	motPBw	p i	P P N N N a 3 u n	
												hd	PrP	l	n	1	s i	
0747	BNPX35BAS	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	
0748	BNPX37BAS	BY31	LANDSORTSDJ	N5835	E1814	20141109	0720	447		10	29	7	9.4	1017	4930	-xxxx-	23	x x x x x x x x x x x x x x - - - - x
0749	BPWX38BAS	BY32	NORRKÖPINGSDJ	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
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 - - - - -
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 -xxx-	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	KAXX29BAS	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
0758	KANX25BAS	FLÄDEN	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	SKEK23BAS	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	SKEK18BAS	A17	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 x x - - - - x
0761	SKEK16BAS	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 - x - - - - x
0762	SKEK14BAS	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 - 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 - - - - x
0764	KAXX29BAS	ANHOLT E	N5640.0	E1207.0	20141112	1920	50				11	12	10.6	1011	9990	x --xx--	9	x x x x - x x x x x x x x x - - - - x
0765	BPSB06BAS	BY4 CHRISTIANSÖ	N5523	E1520	20141113	1245	91				08	10	9.1	1015	2840	x -xx--	12	x x - x x x x x x x x - x - - - - x
0766	BPSB07BAS	BY5 BORNHOLMSDJ	N5515	E1559	20141113	1535	90				09	9	8.6	1016	9990	x -xx--	12	x x x x - x x x x x x x x x - - - - x
0767	BPSE11BAS	BCS III-10	N5533.3	E1824	20141113	2335	91				11	8	9.1	1020	9990	x --x---	12	x x - x x x x x x x x - x - - - - -
0768	BPEX13BAS	BY10	N5638	E1935	20141114	0705	143				11	9	7.5	1024	2840	x -xxx--	15	x x - x x x x x x x x x x - - - - x
0769	BPEX21BAS	BY15 GOTLANDSDJ	N5720	E2003	20141114	1150	239			7	13	9	7.0	1024	2840	x -xxx--	19	- x x x x x x x x x x x x x x - - - - x
0770	BPEX21EXT	BY15 GOTLANDSDJ	N5720	E2003	20141114	1245	239				13	9	7.0	1024	2840	x -----	5	- x x x x x x x x x x x x x x - x - - - - -
0771	BPEX26BAS	BY20 FÅRÖDJ	N5800	E1953	20141114	1700	193				11	9	6.7	1025	9990	x --x---	17	x x - x x x x x x x x - x - - - - -

Bottom water oxygen concentration (ml/l)

Country: Finland
Ship : Aranda
Date : 20141108-20141114
Series : 0747-0771



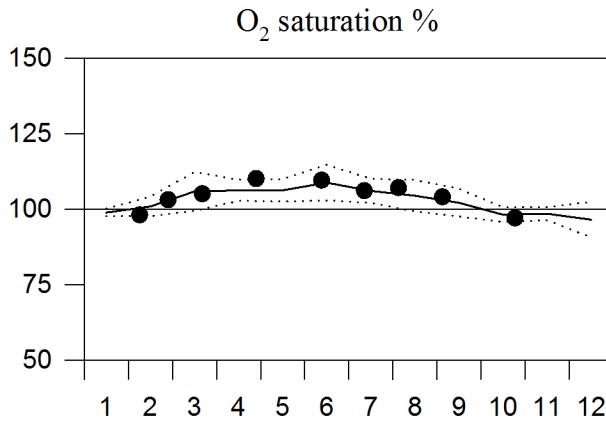
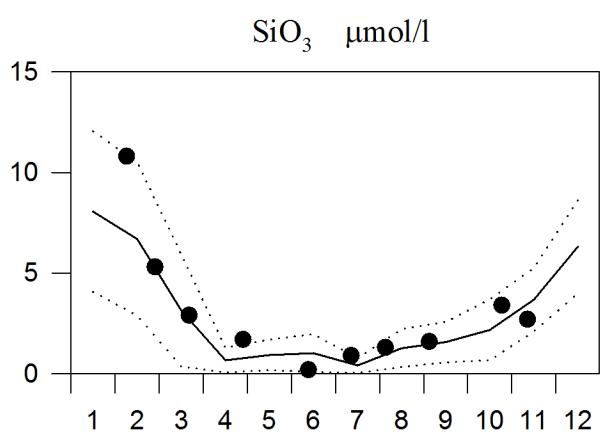
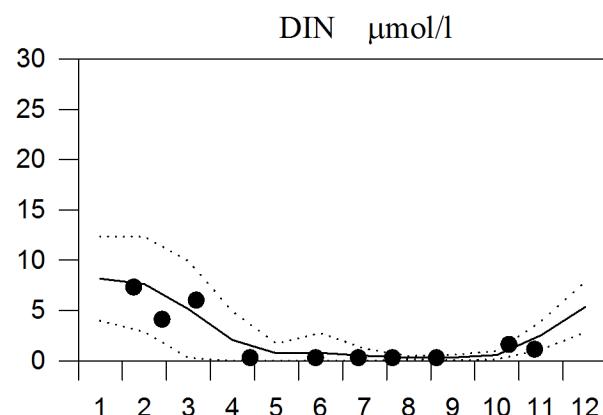
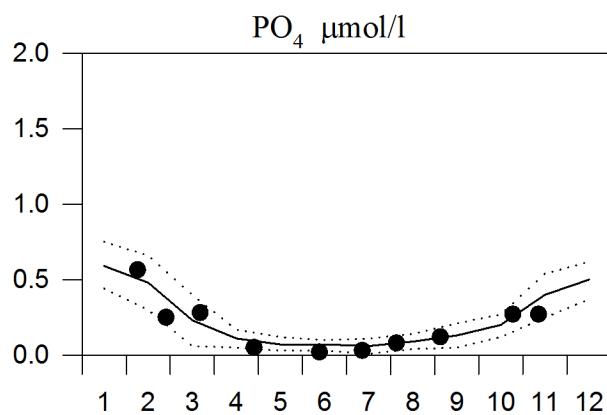
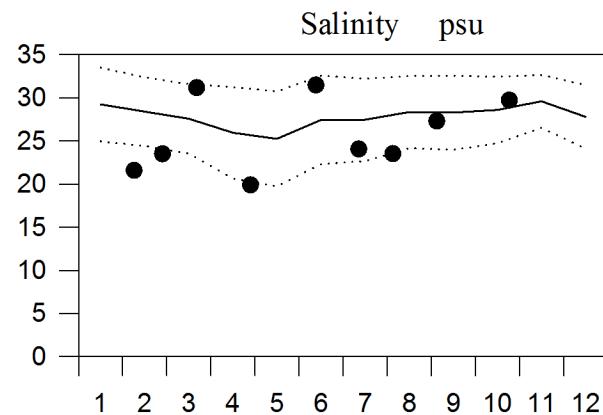
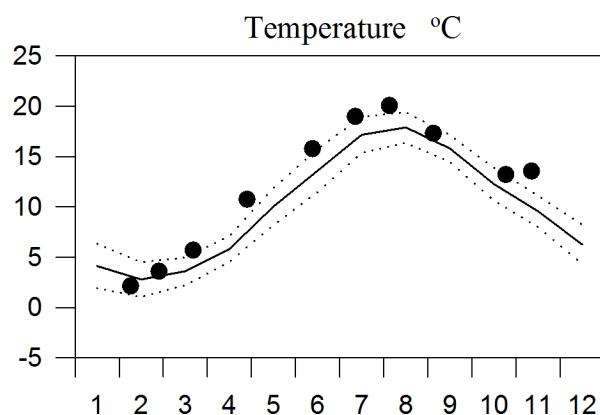
STATION P2 SURFACE WATER

Annual Cycles

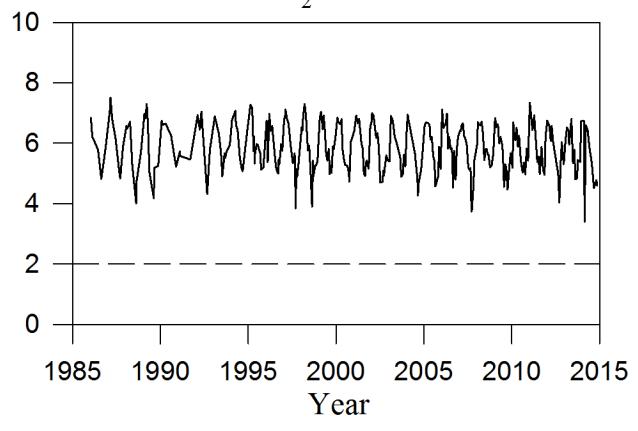
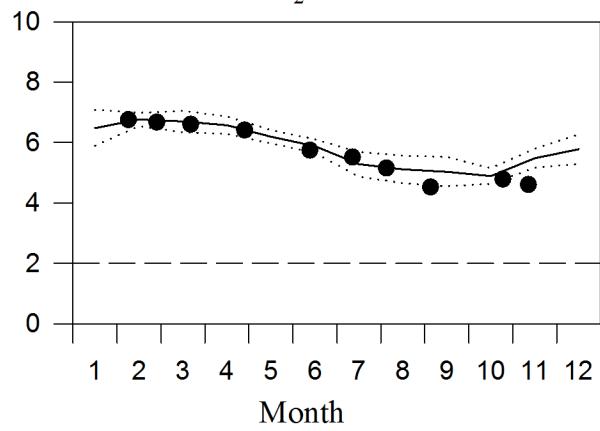
— Mean 1996-2010

..... St.Dev.

● 2014

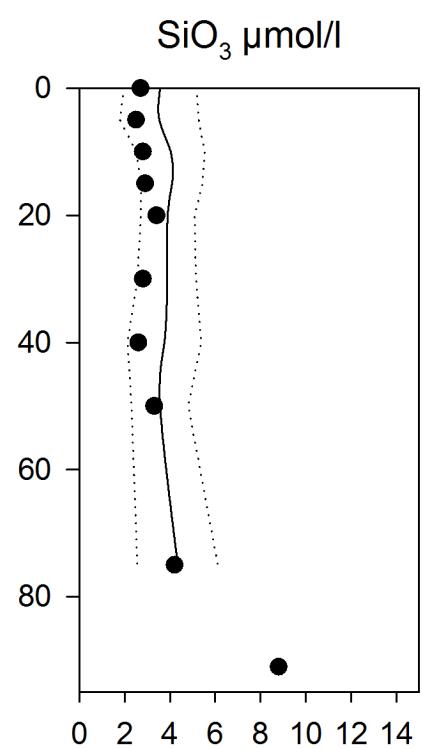
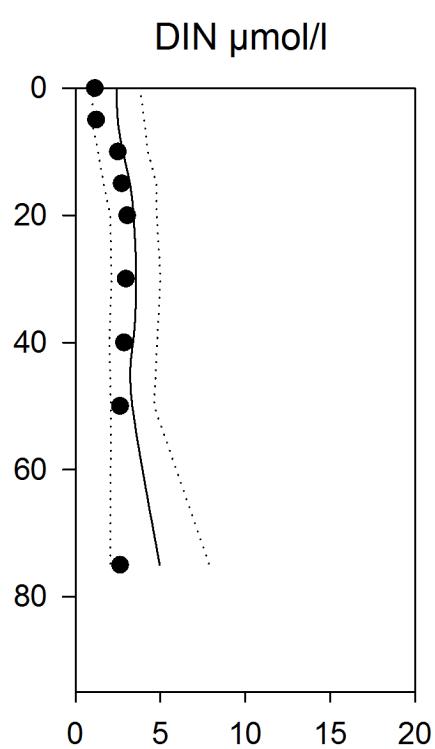
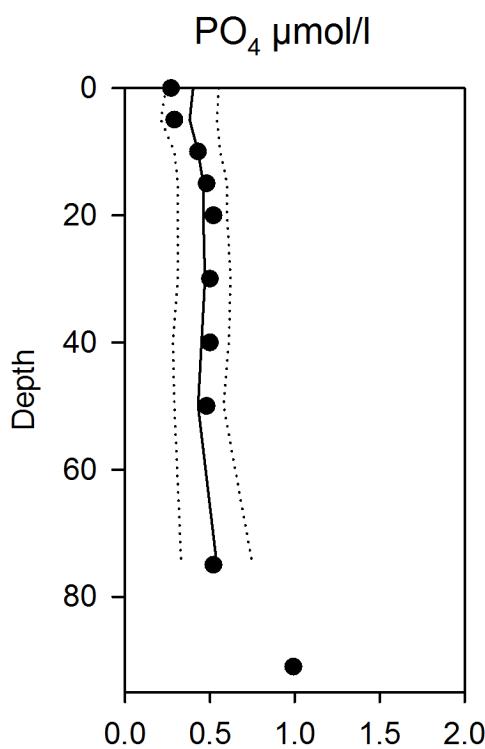
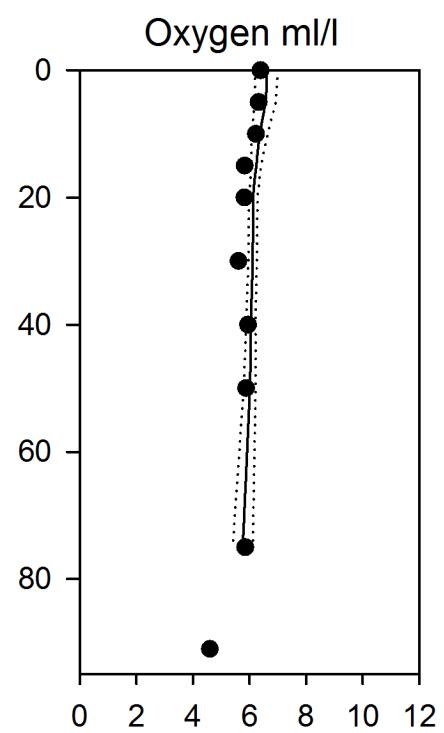
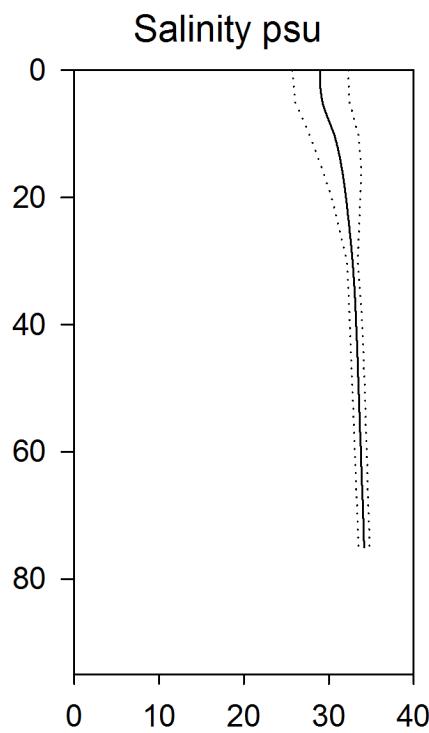
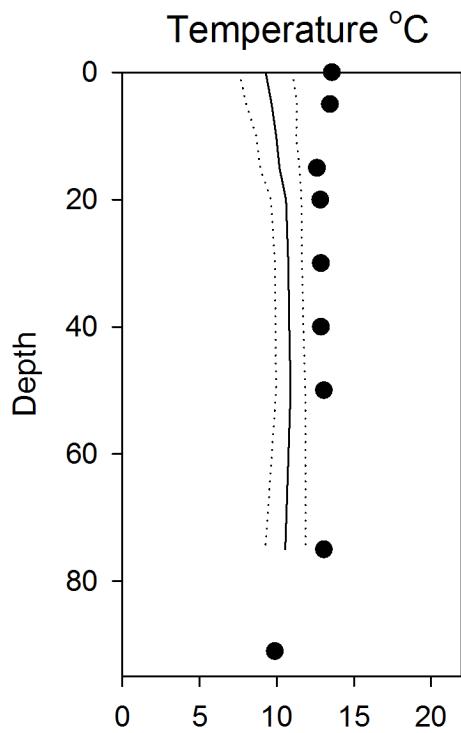


OXYGEN IN BOTTOM WATER (depth >75m)



Vertical profiles P2 November

— Mean 1996-2010 St.Dev. ● 2014



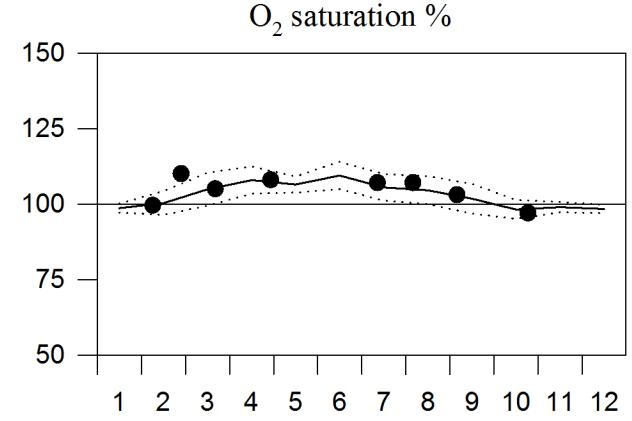
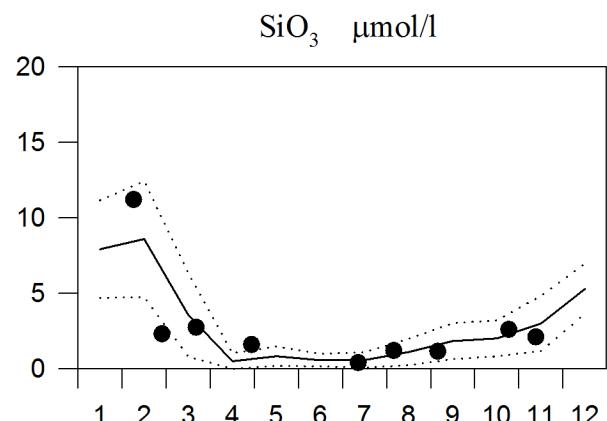
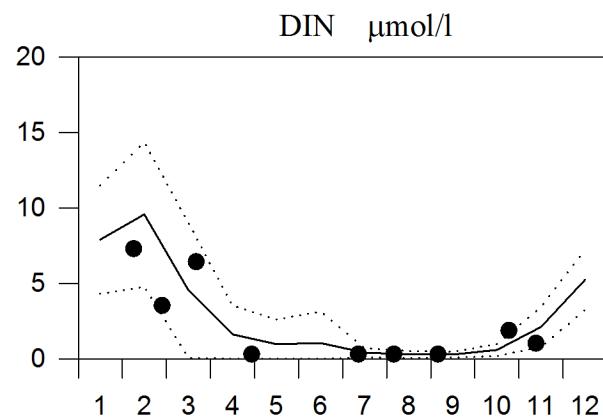
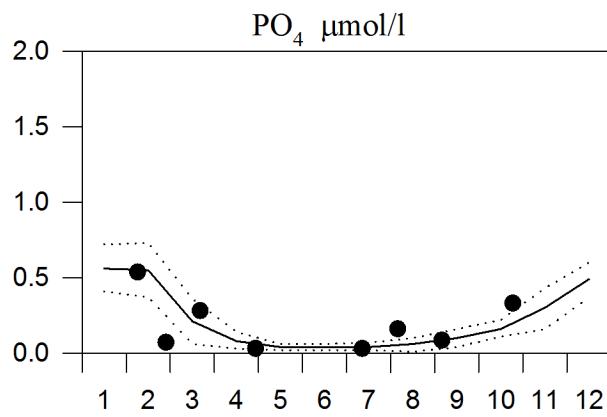
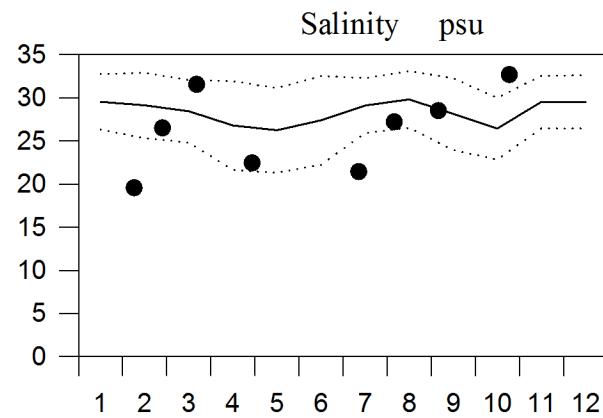
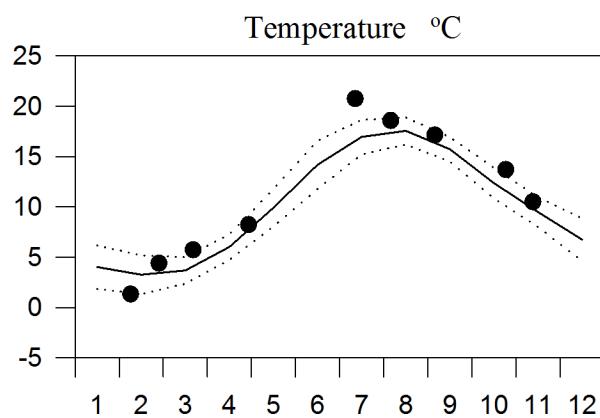
STATION Å13 SURFACE WATER

Annual Cycles

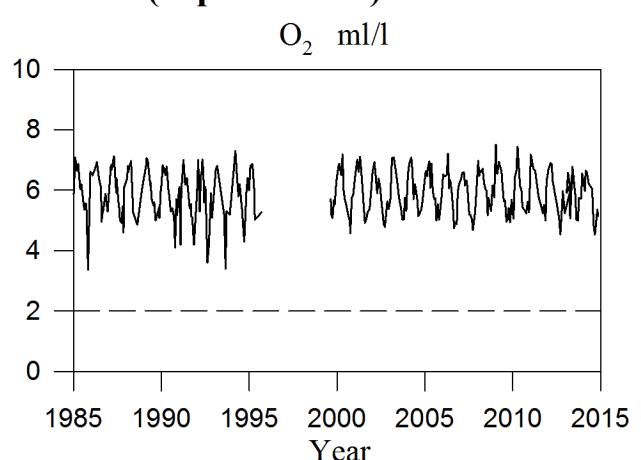
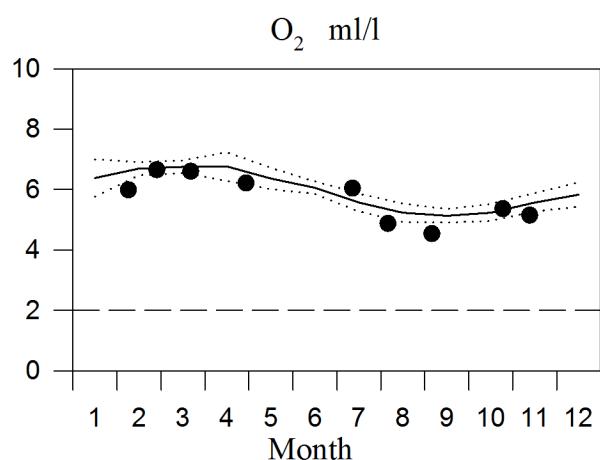
— Mean 1996-2010

..... St.Dev.

● 2014

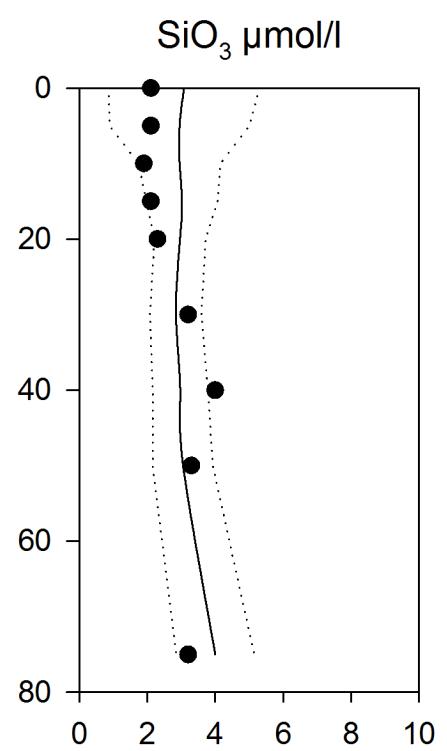
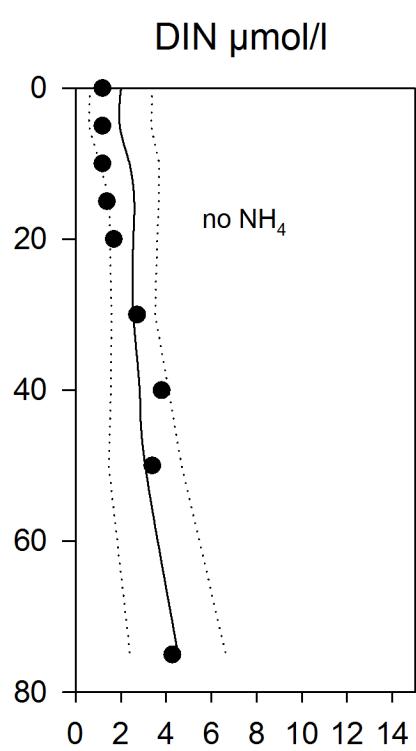
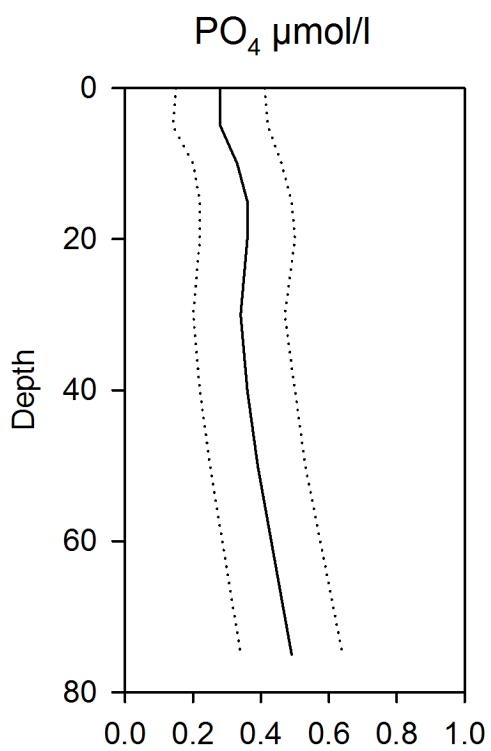
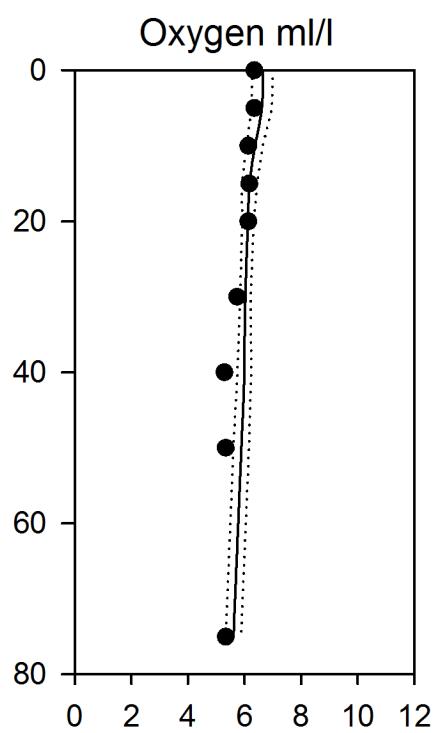
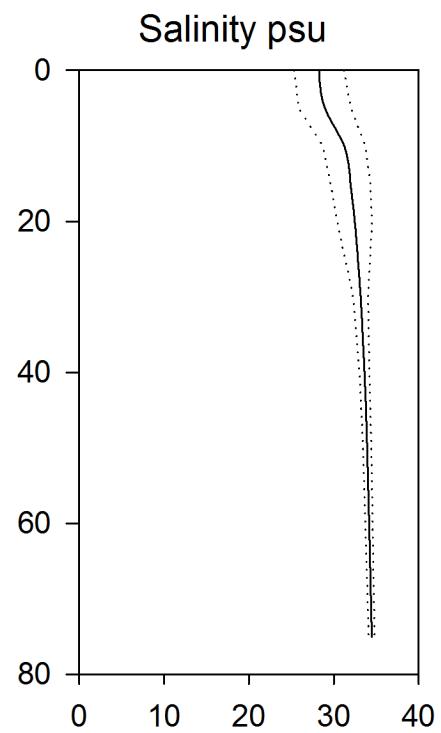
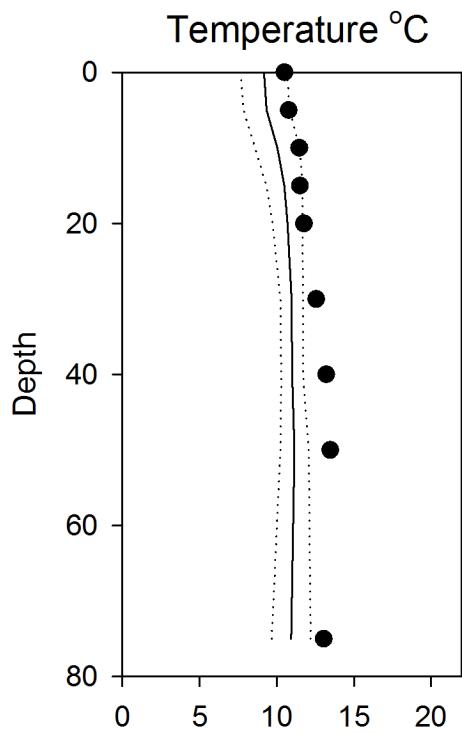


OXYGEN IN BOTTOM WATER (depth $\geq 75\text{m}$)



Vertical profiles Å13 November

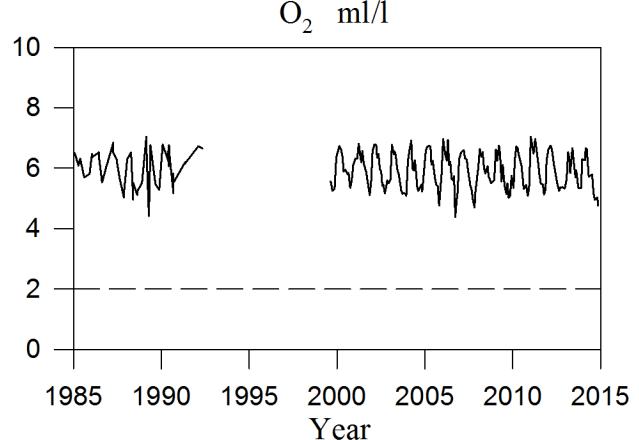
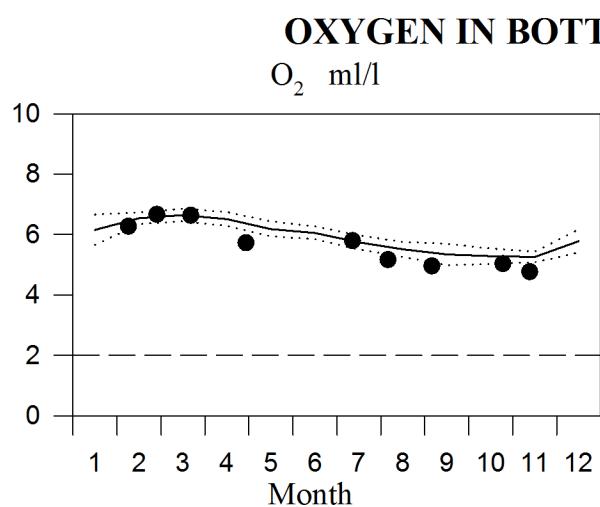
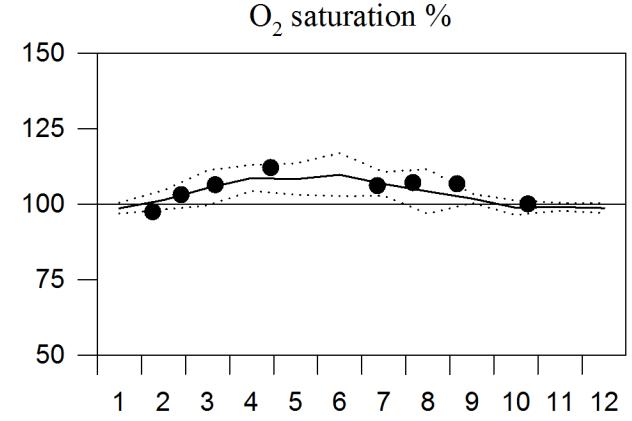
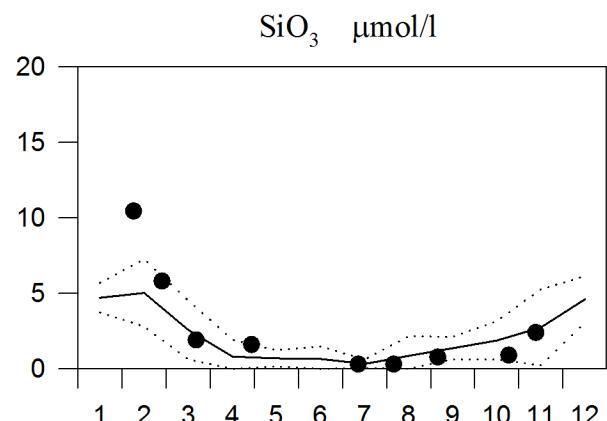
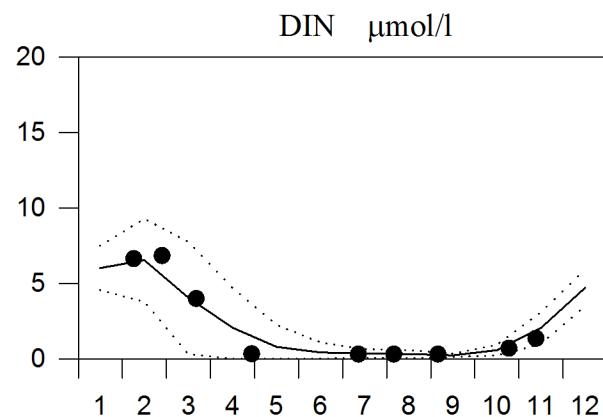
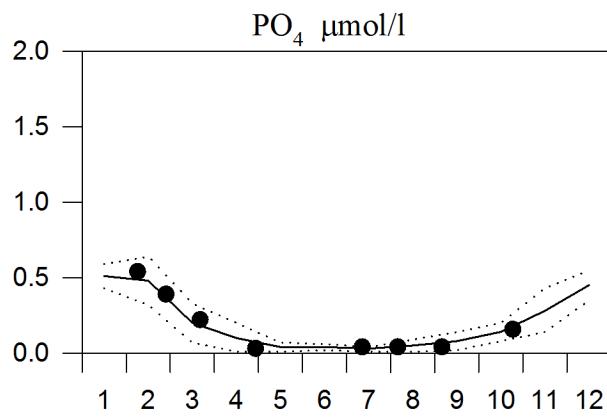
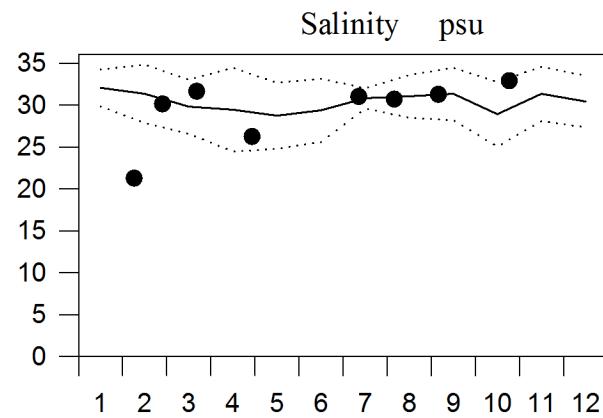
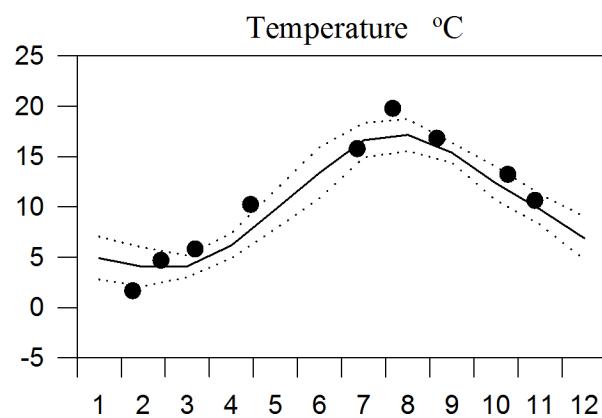
— Mean 1996-2010 St.Dev. ● 2014



STATION Å15 SURFACE WATER

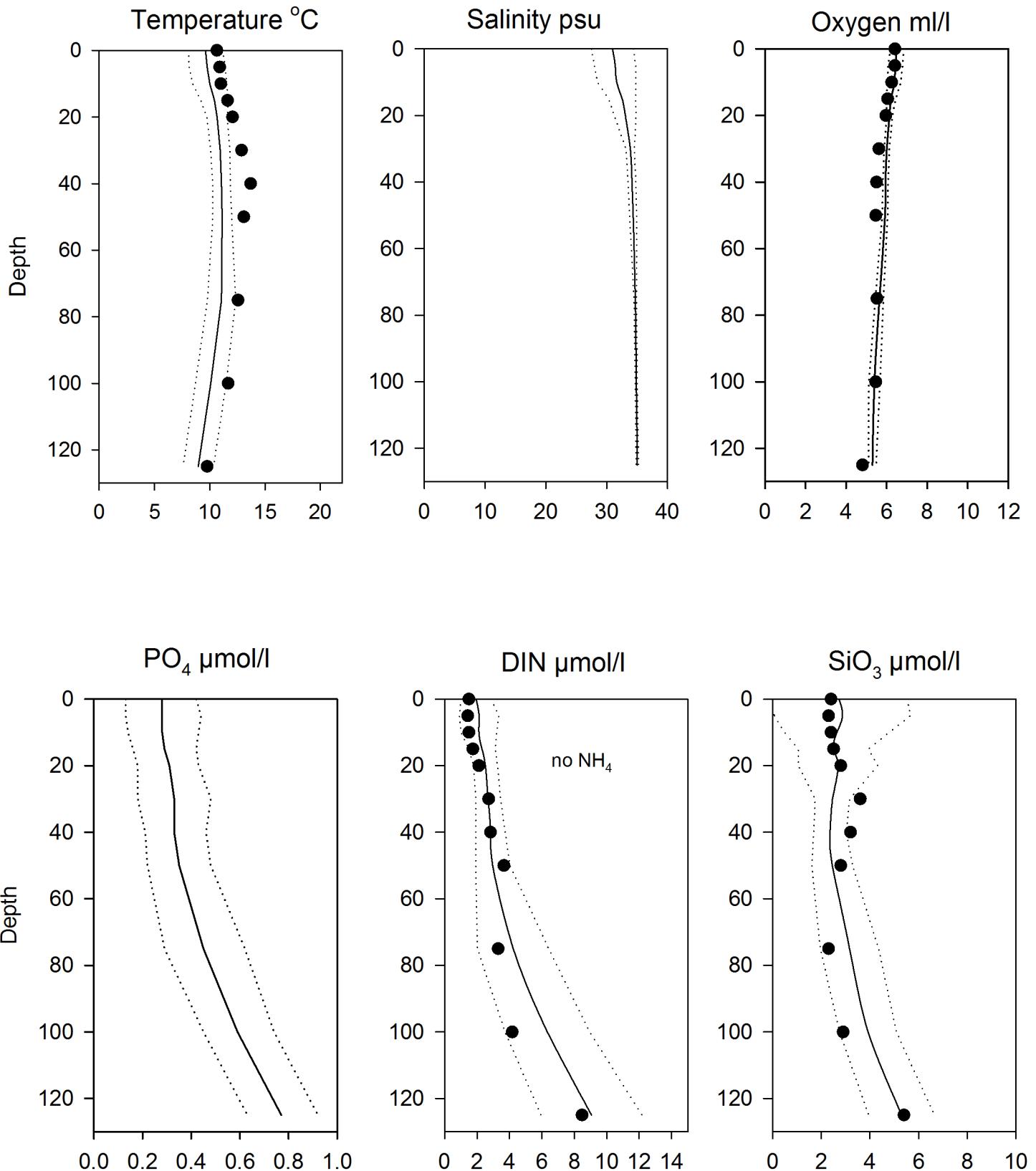
Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



Vertical profiles Å15 November

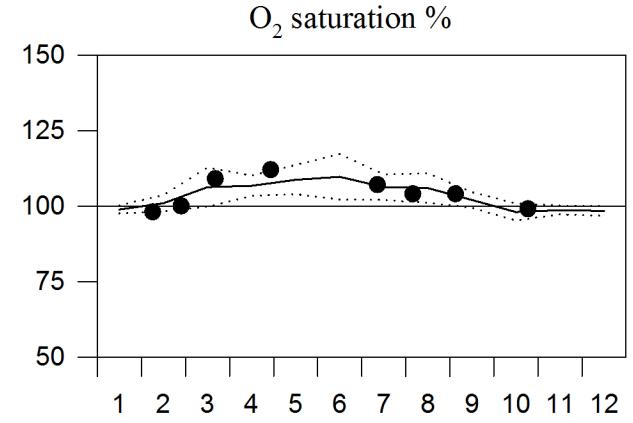
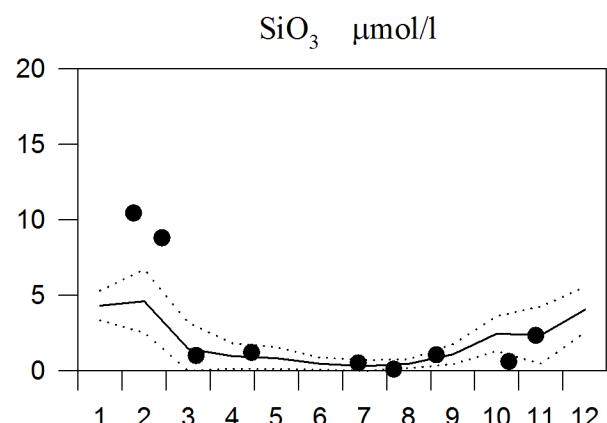
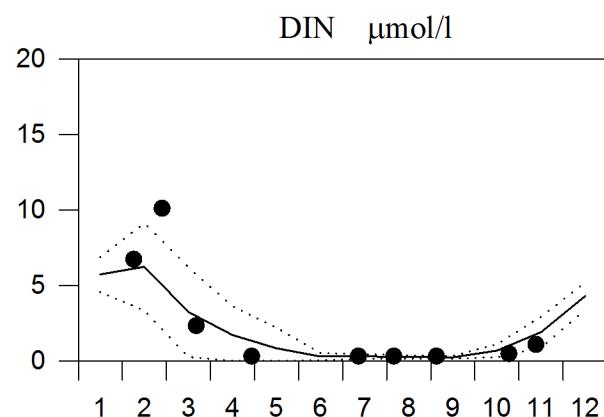
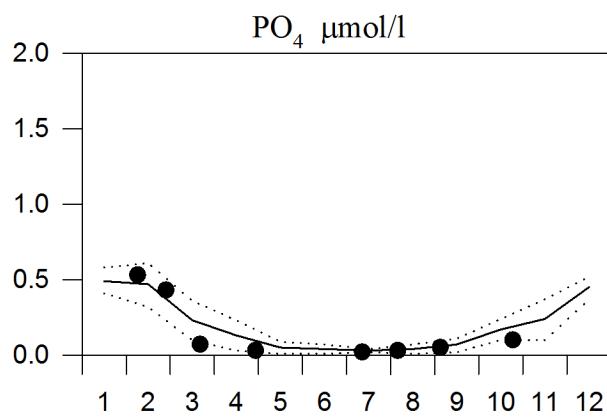
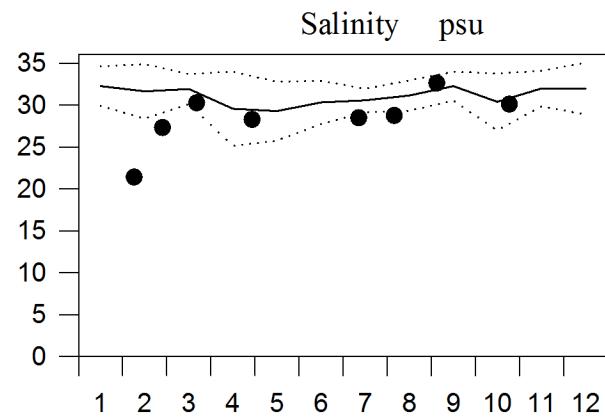
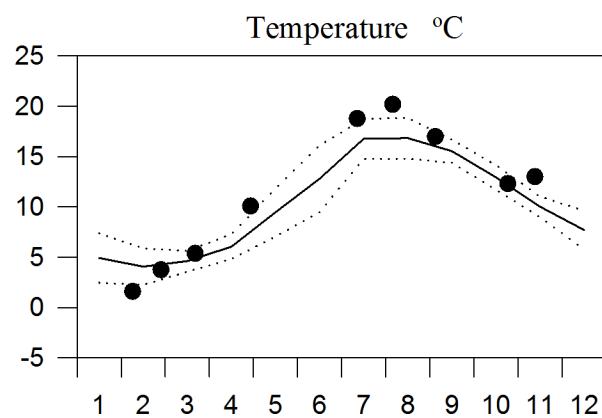
— Mean 1996-2010 St.Dev. ● 2014



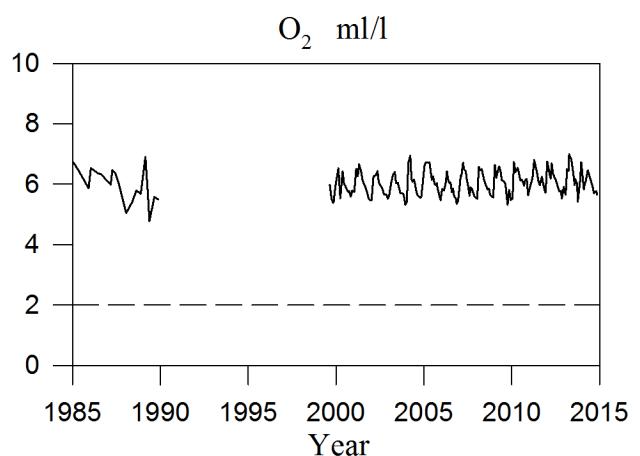
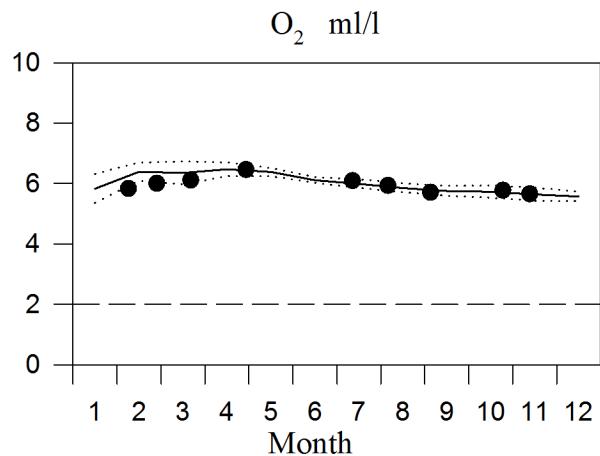
STATION Å17 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

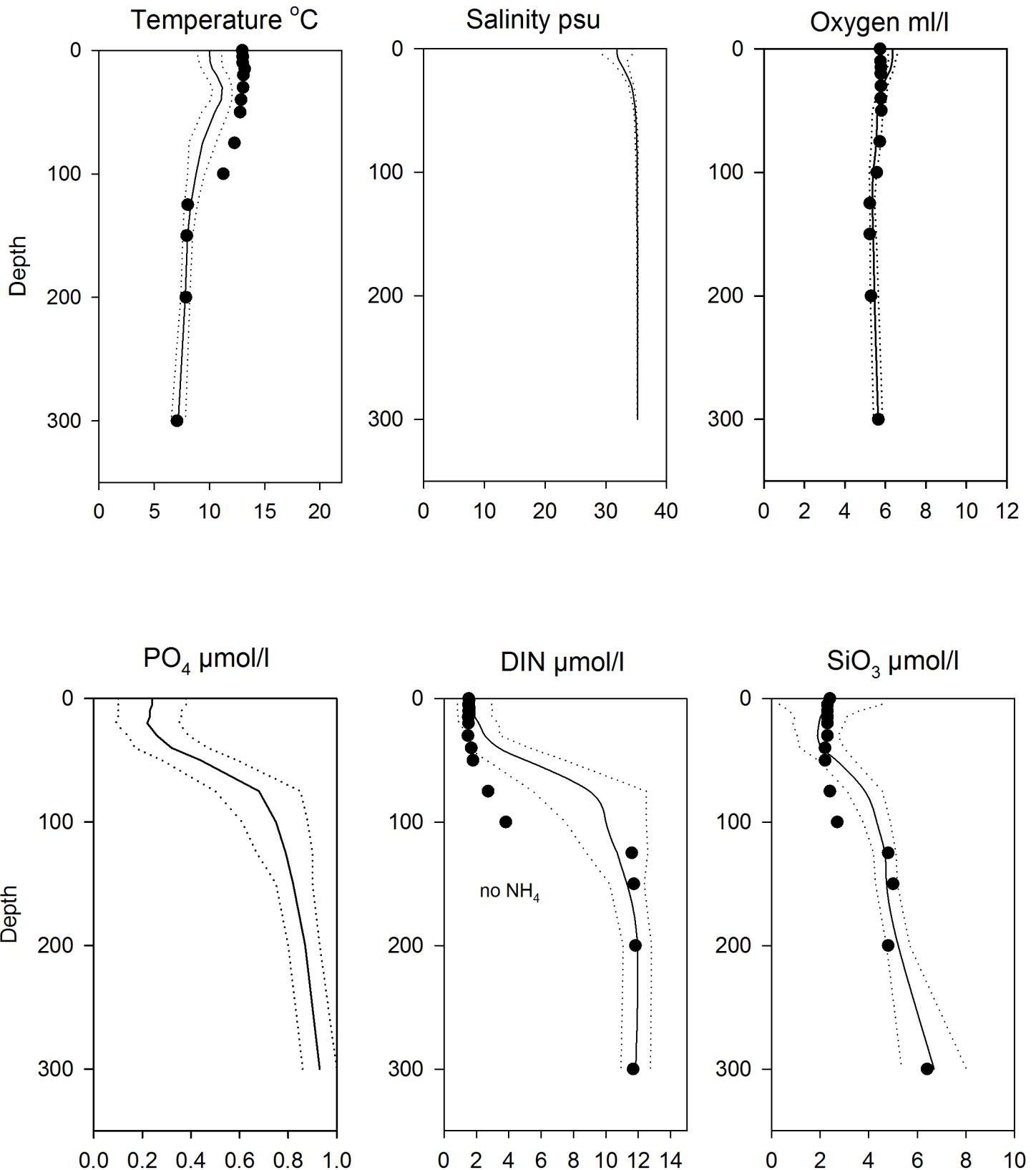


OXYGEN IN BOTTOM WATER (depth = 300m)



Vertical profiles Å17 November

— Mean 1996-2010 St.Dev. ● 2014



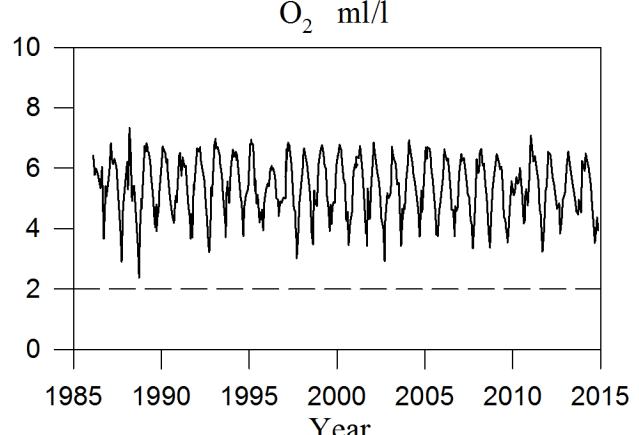
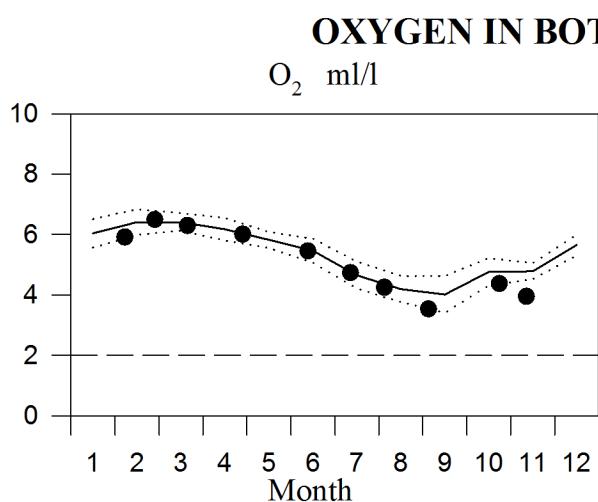
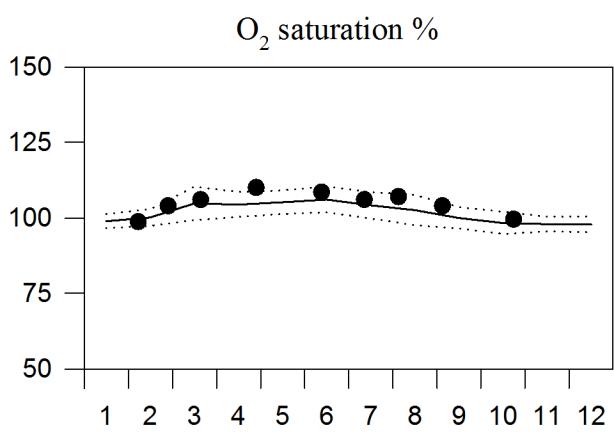
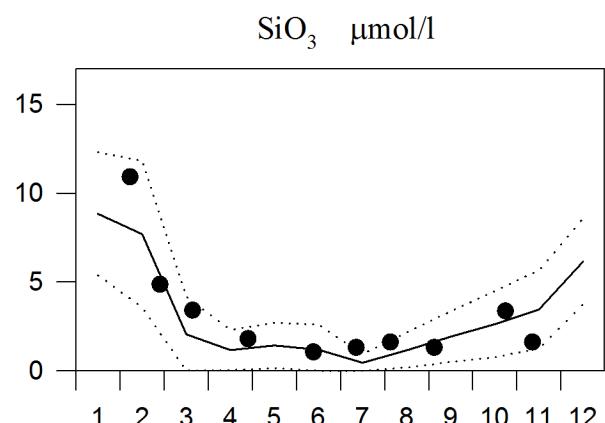
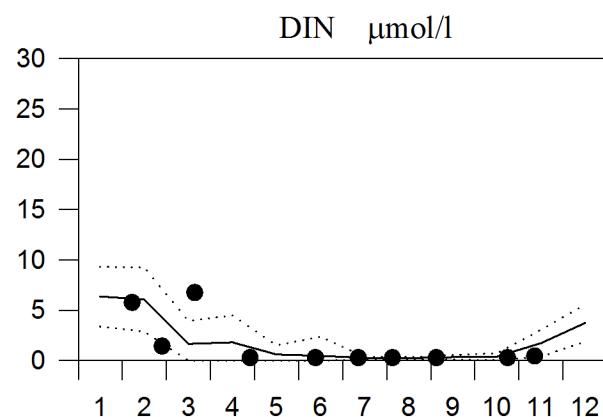
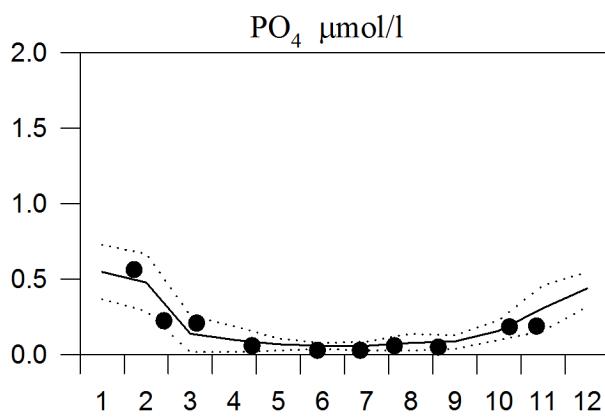
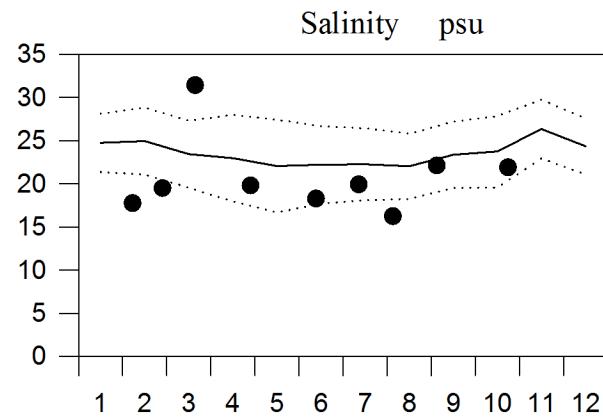
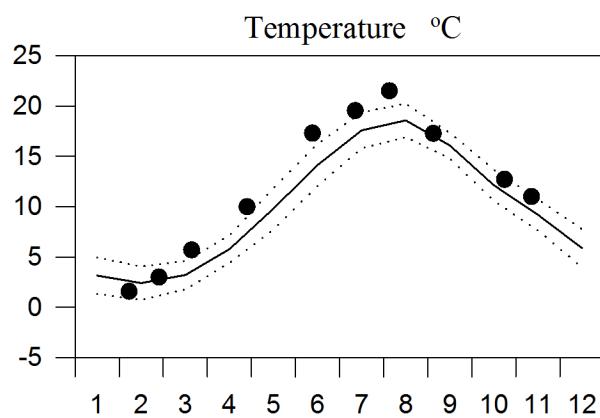
STATION FLADEN SURFACE WATER

Annual Cycles

— Mean 1996-2010

..... St.Dev.

● 2014

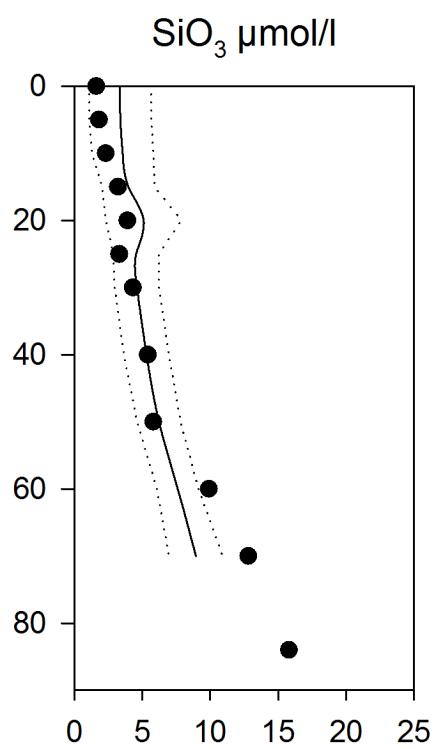
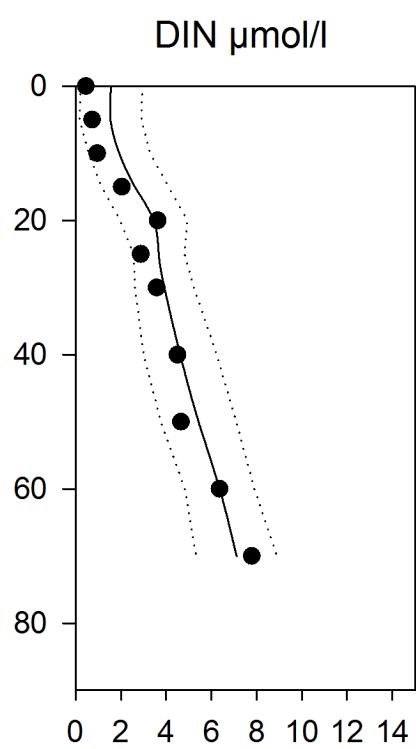
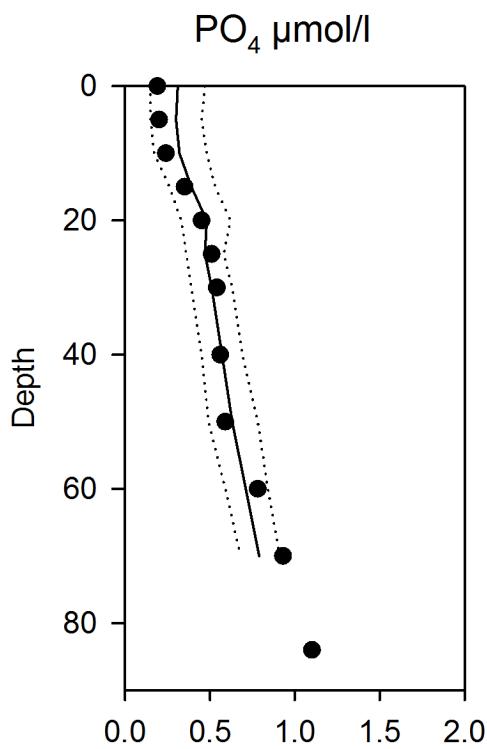
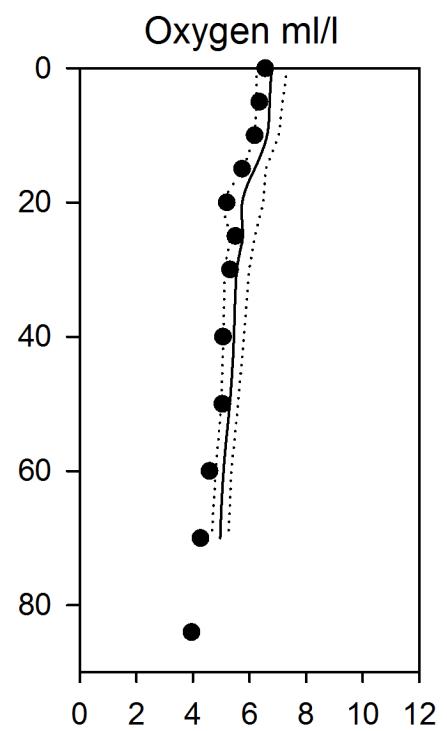
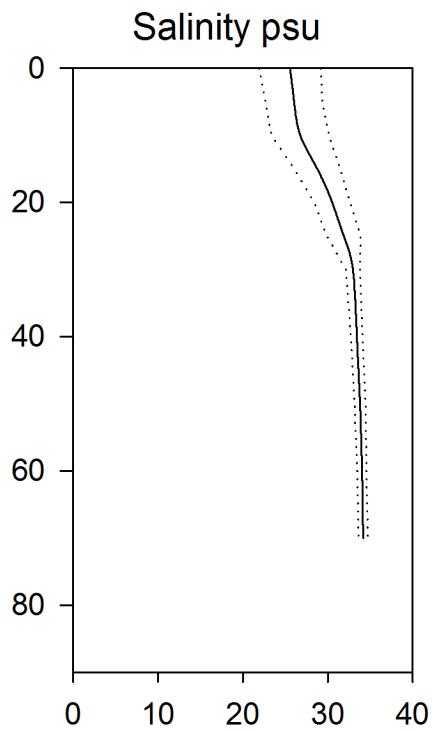
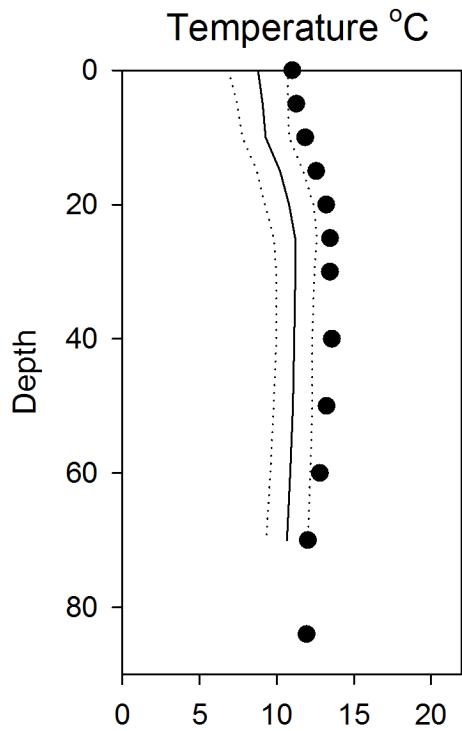


Vertical profiles Fladen November

— Mean 1996-2010

..... St.Dev.

● 2014



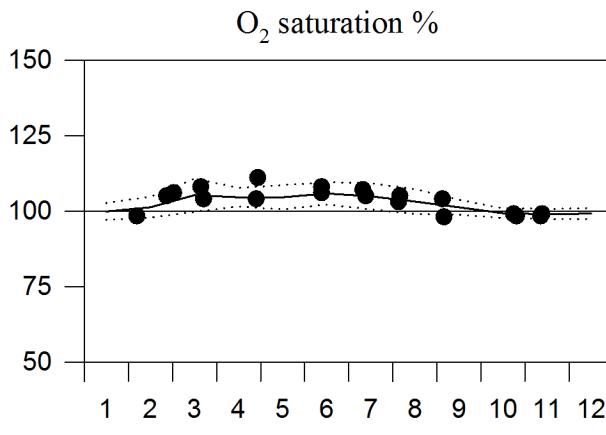
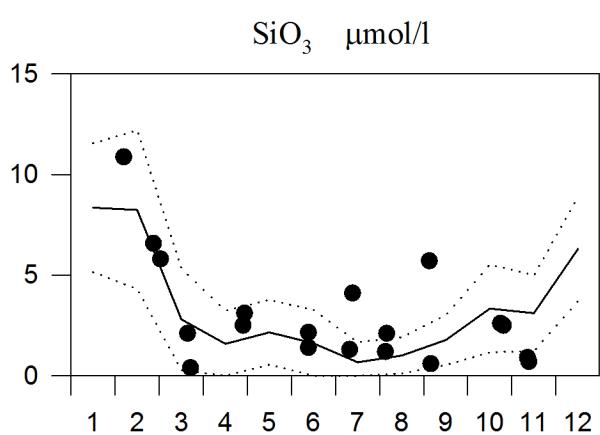
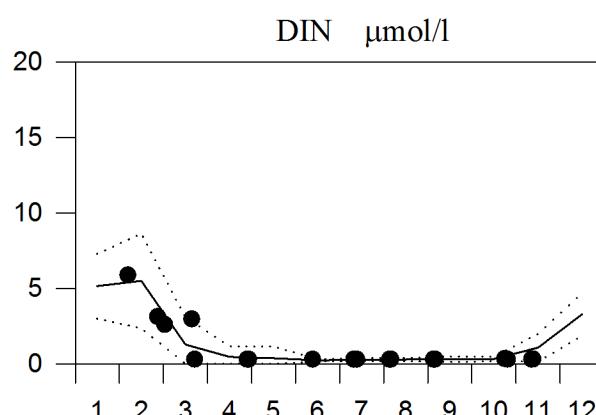
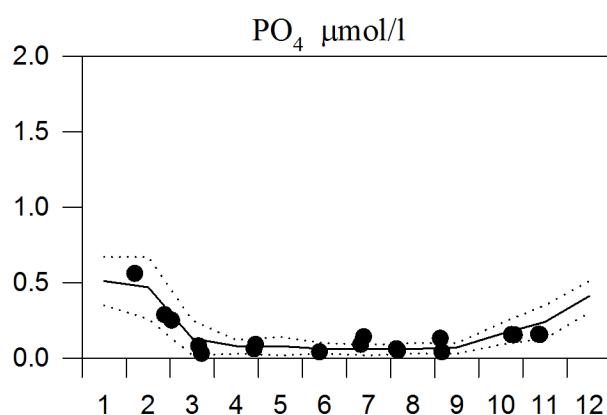
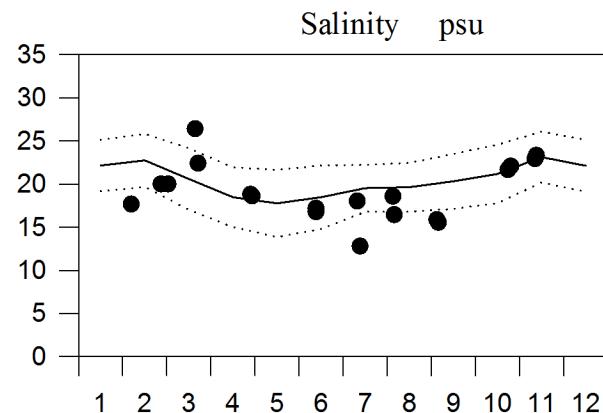
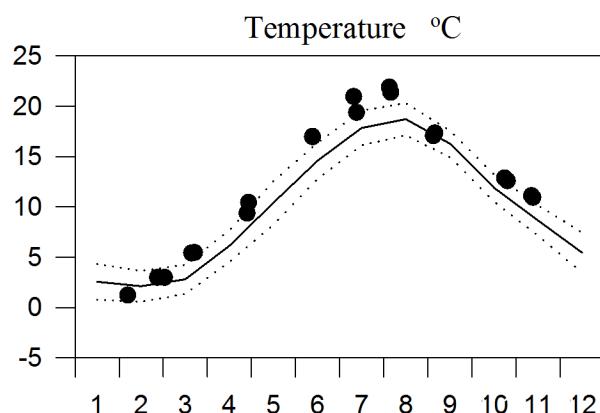
STATION ANHOLT E SURFACE WATER

Annual Cycles

— Mean 1996-2010

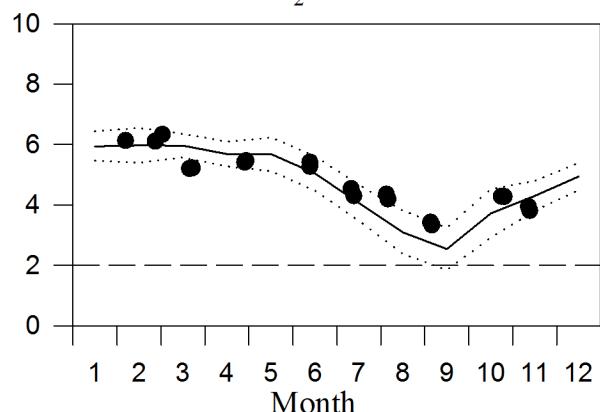
..... St.Dev.

● 2014

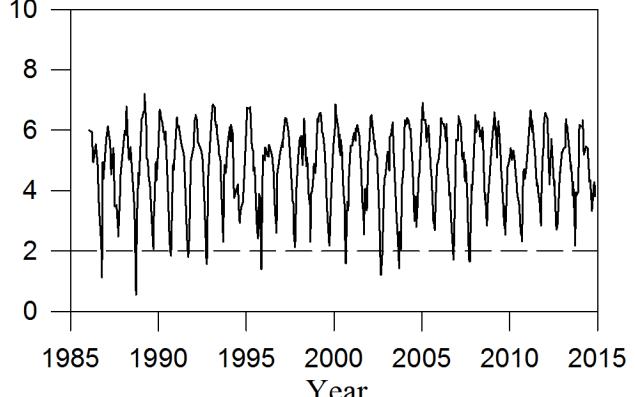


OXYGEN IN BOTTOM WATER (depth > 50m)

O₂ ml/l

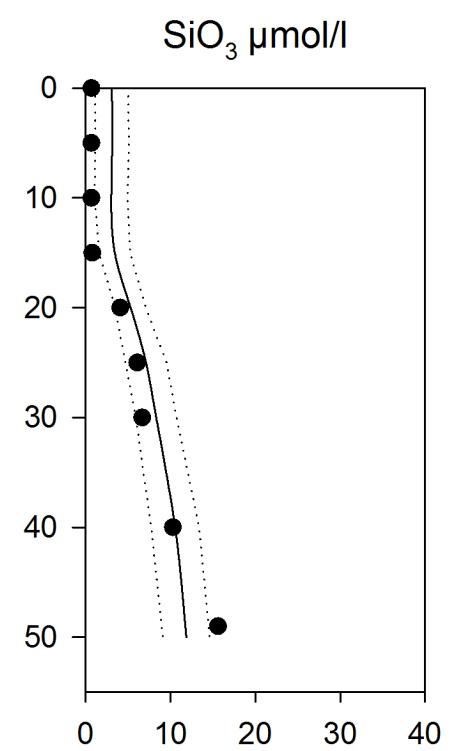
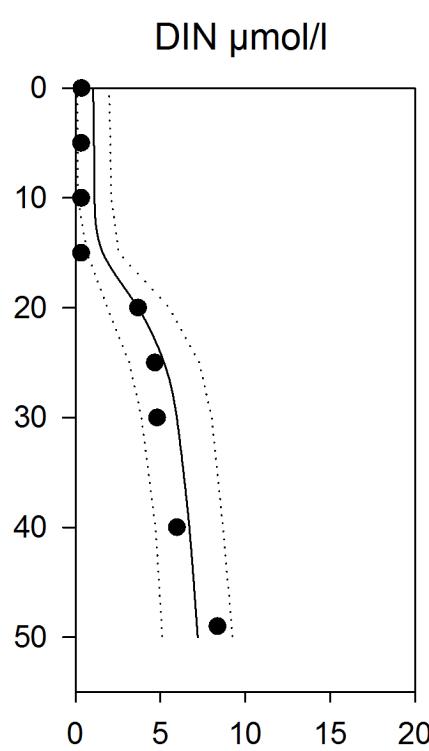
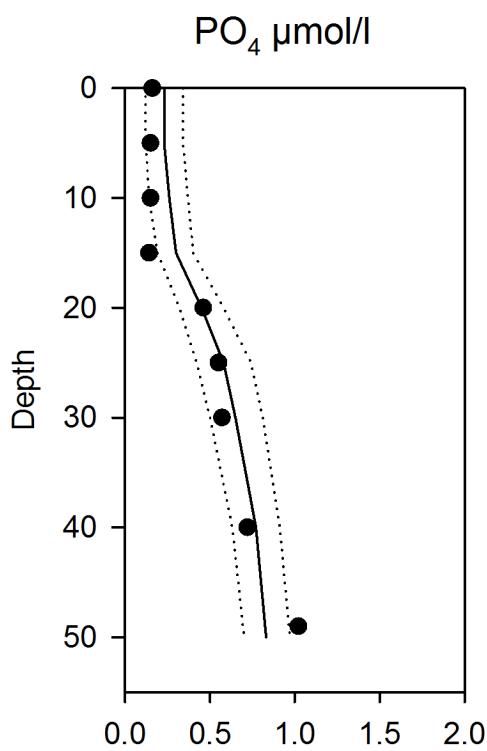
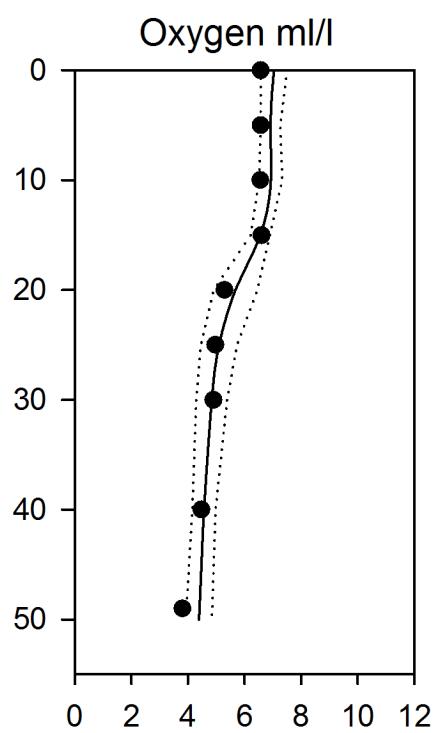
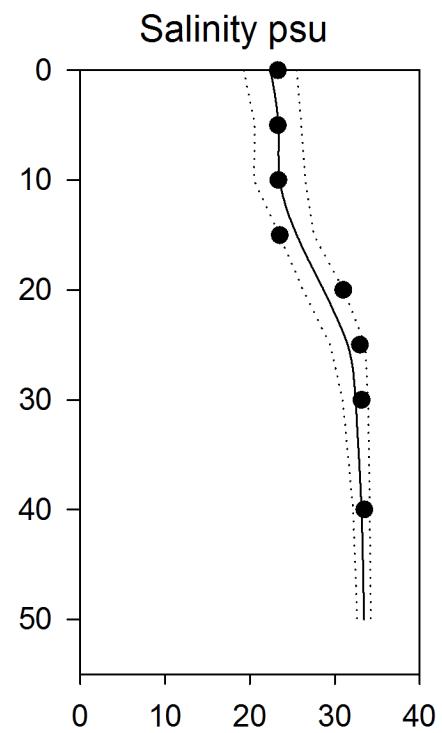
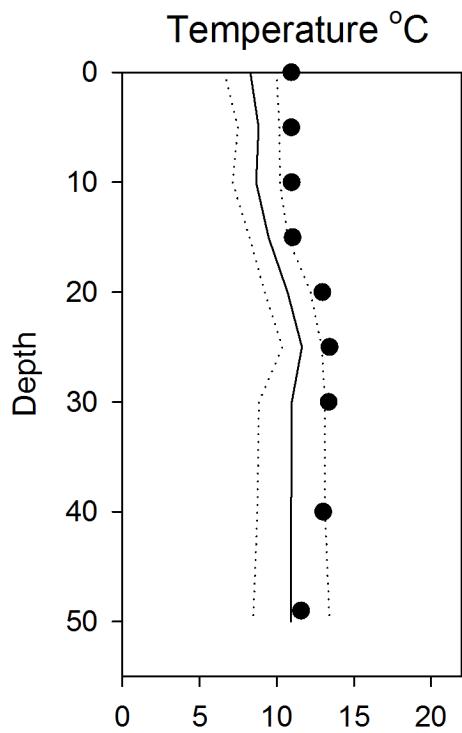


O₂ ml/l



Vertical profiles Anholt E November

— Mean 1996-2010 St.Dev. ● 2014



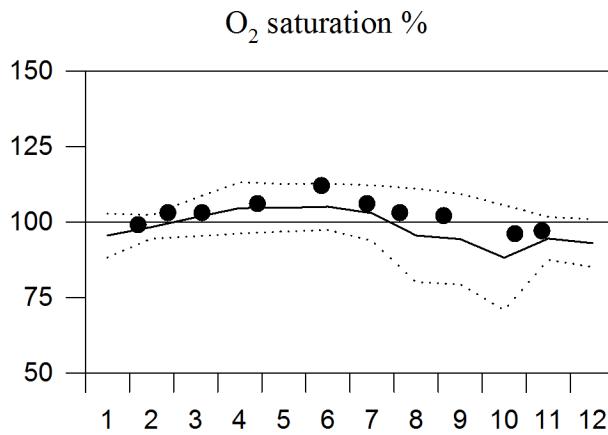
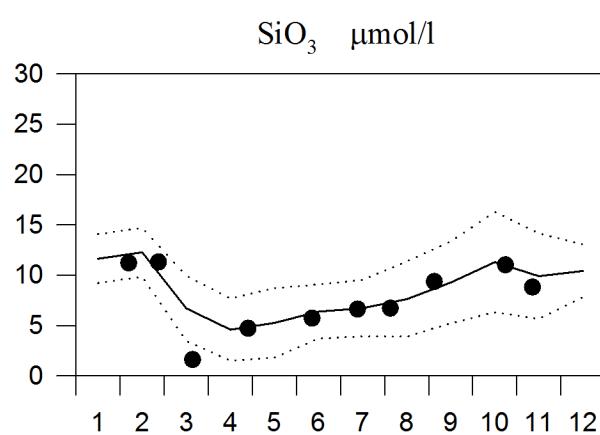
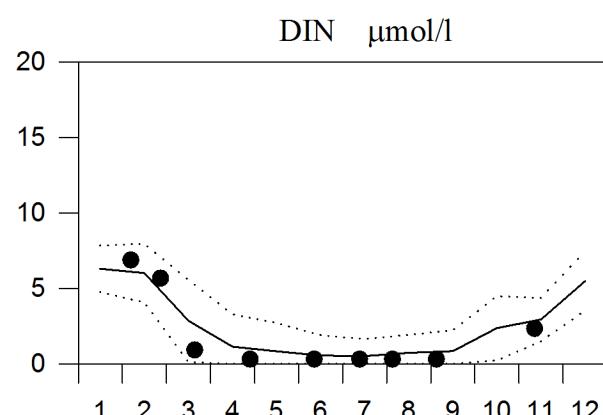
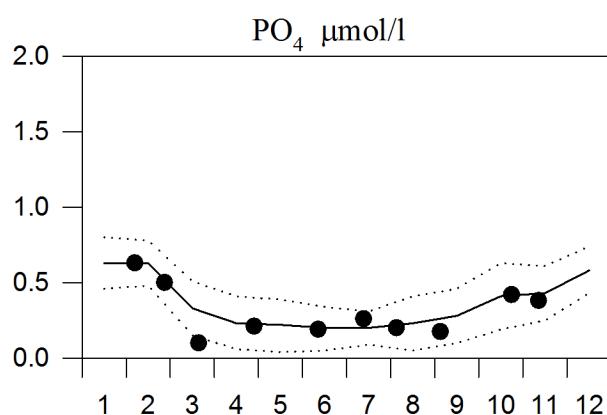
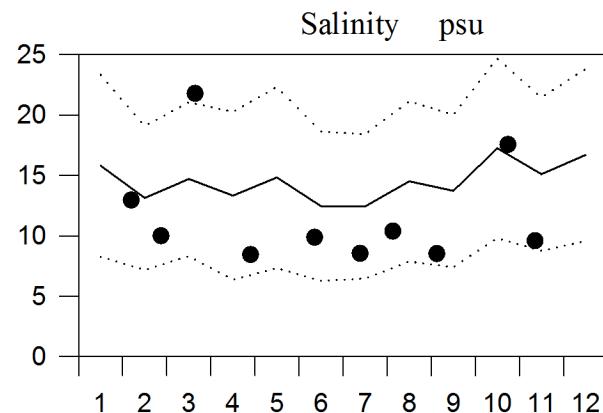
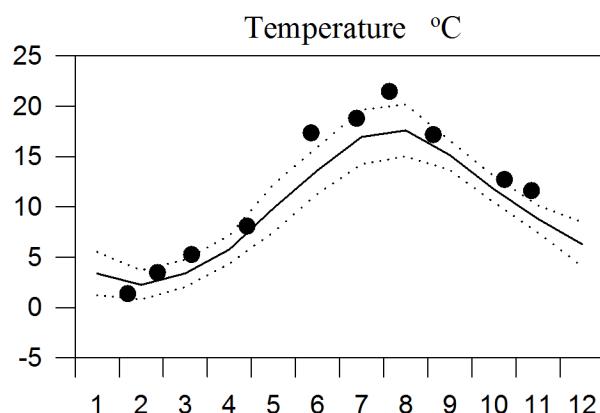
STATION W LANDSKRONA SURFACE WATER

Annual Cycles

— Mean 1996-2010

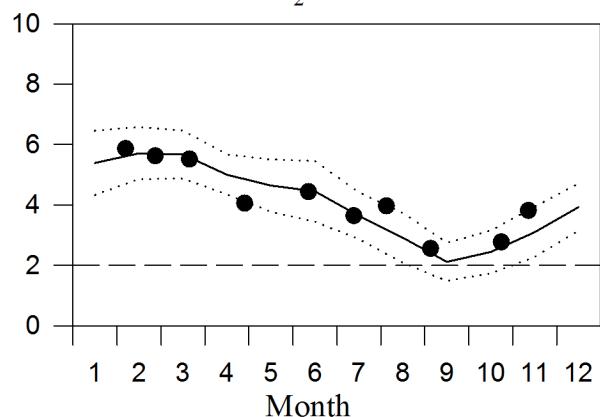
..... St.Dev.

● 2014

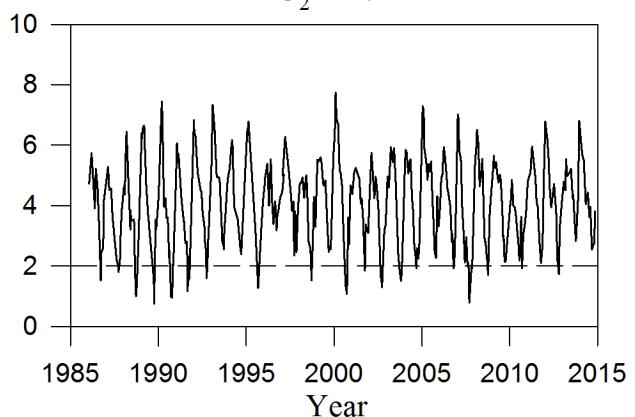


OXYGEN IN BOTTOM WATER (depth >40m)

$\text{O}_2 \text{ ml/l}$

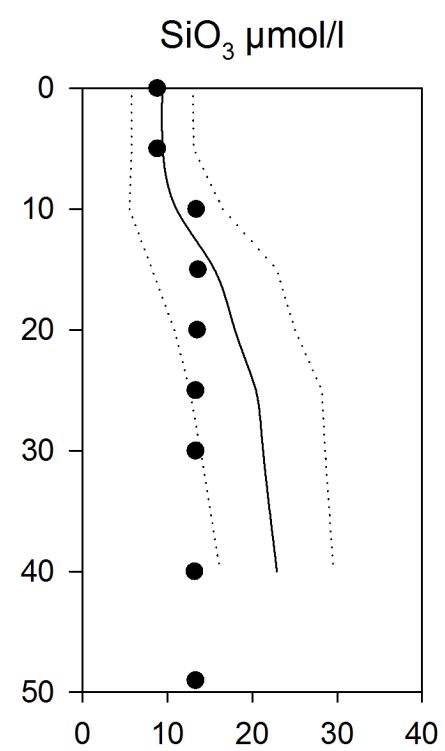
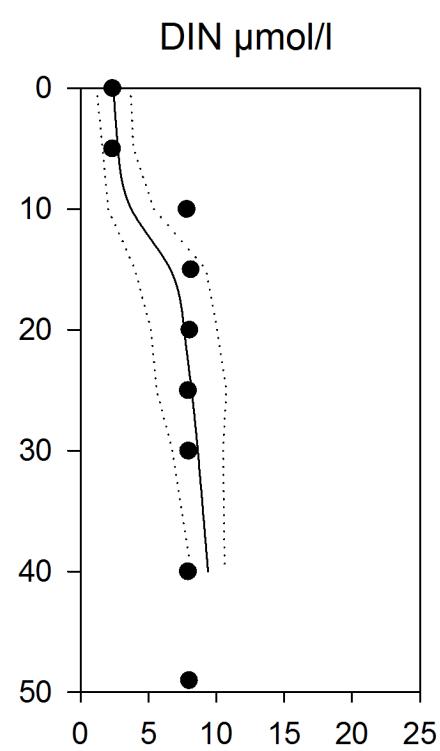
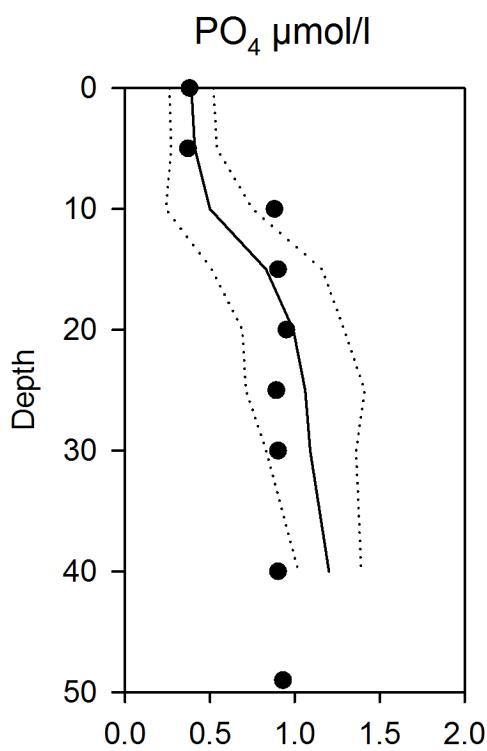
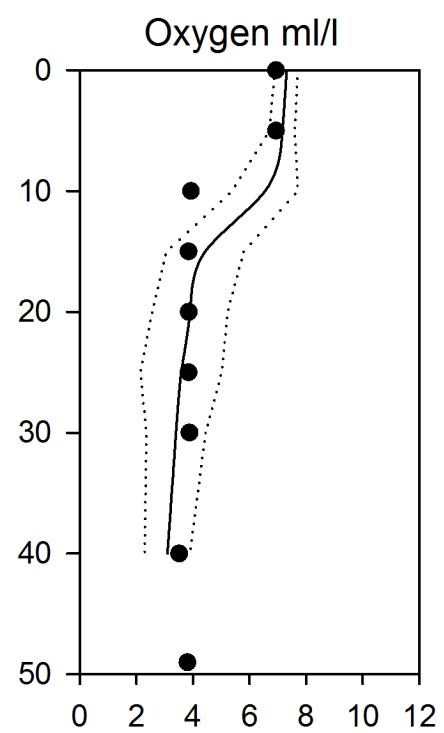
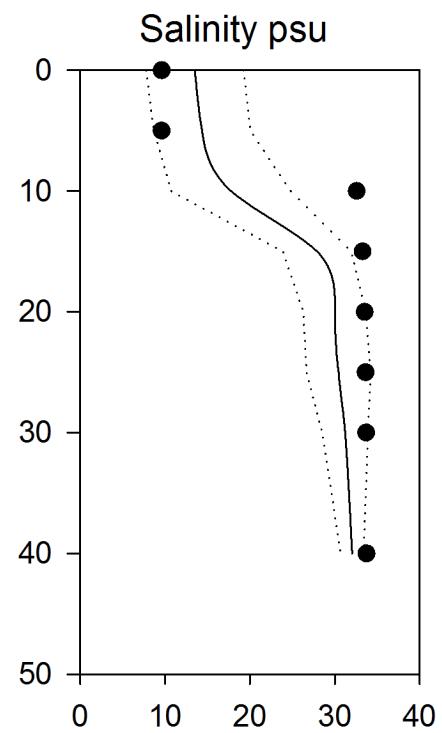
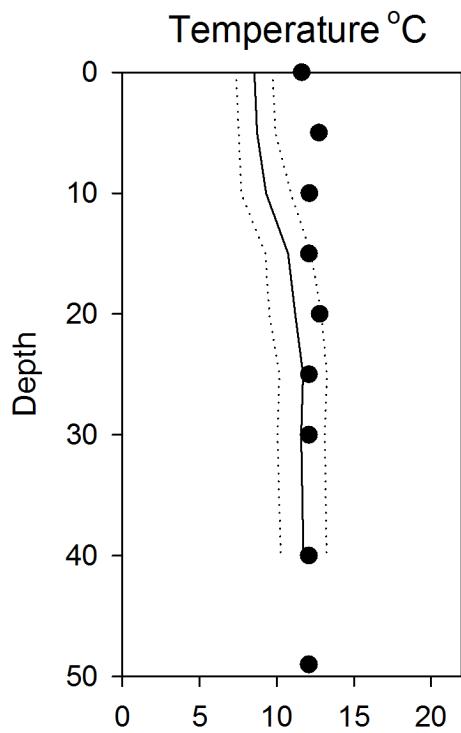


$\text{O}_2 \text{ ml/l}$



Vertical profiles W Landskrona November

— Mean 1996-2010 St.Dev. ● 2014



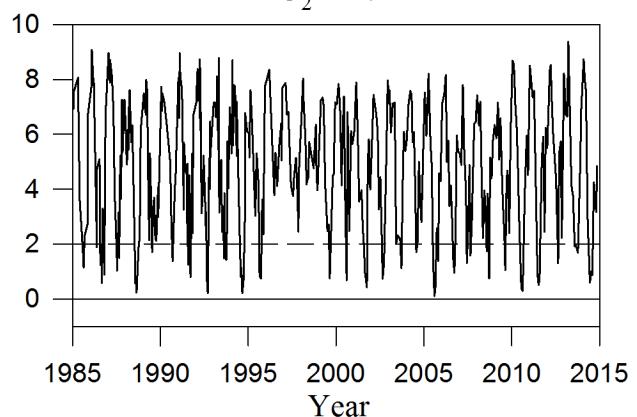
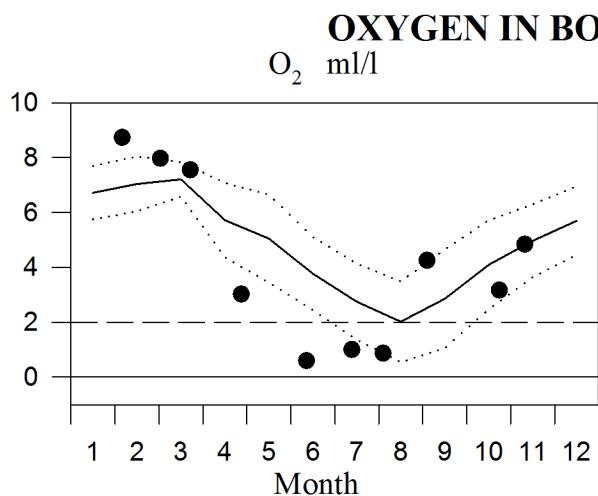
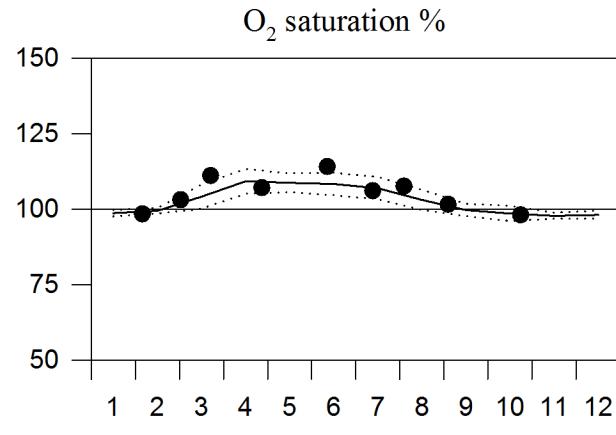
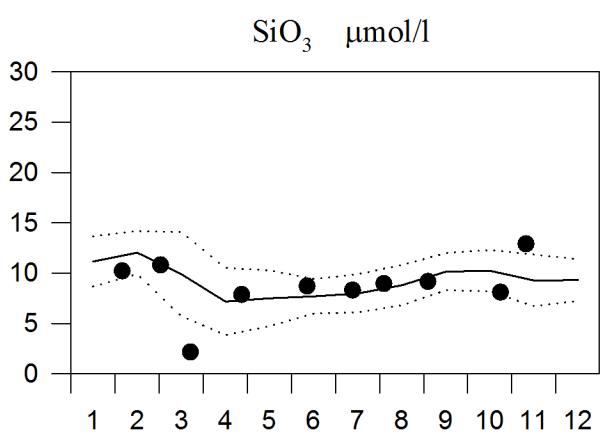
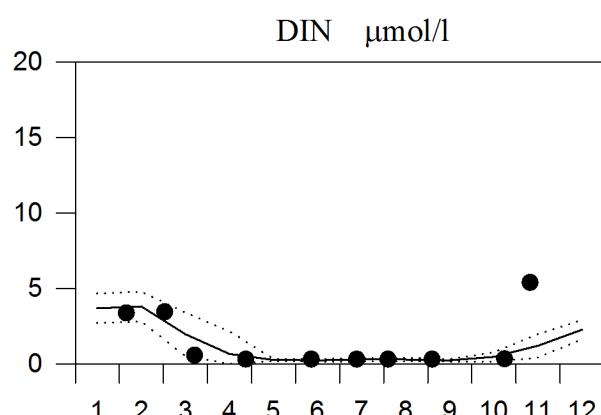
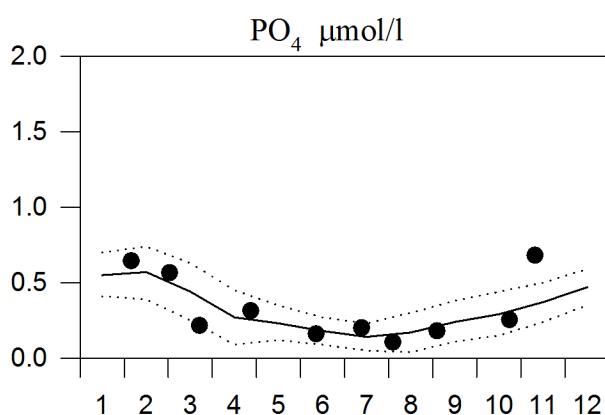
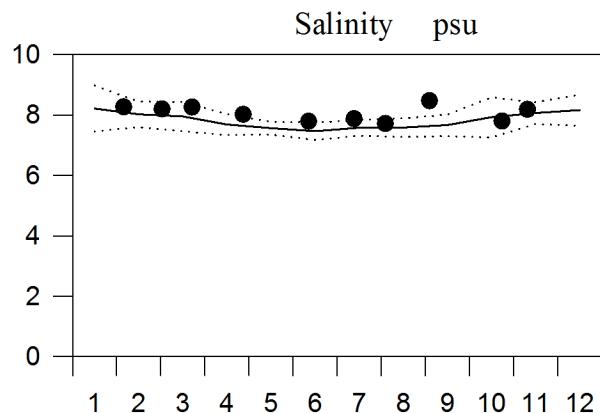
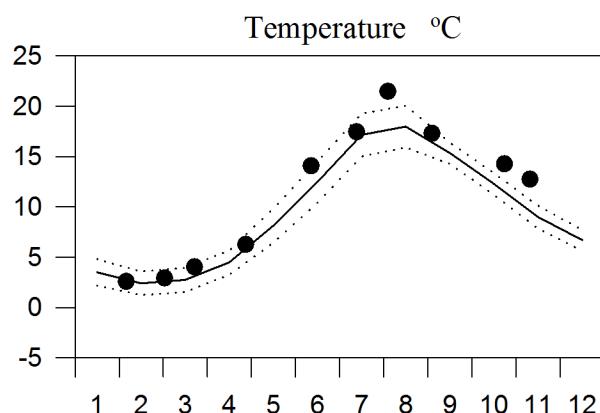
STATION BY1 SURFACE WATER

Annual Cycles

— Mean 1996-2010

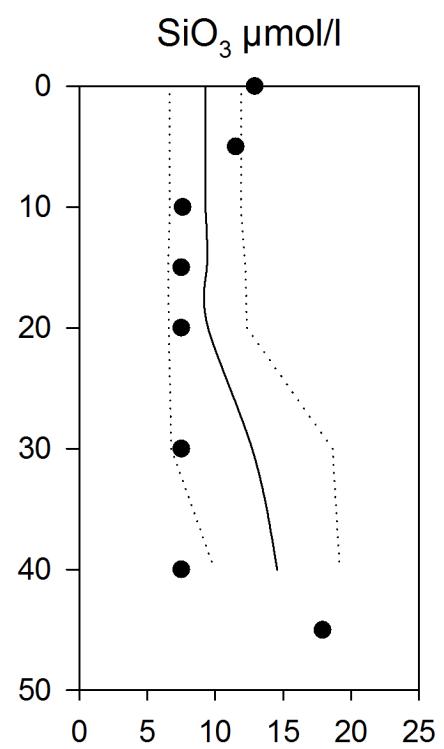
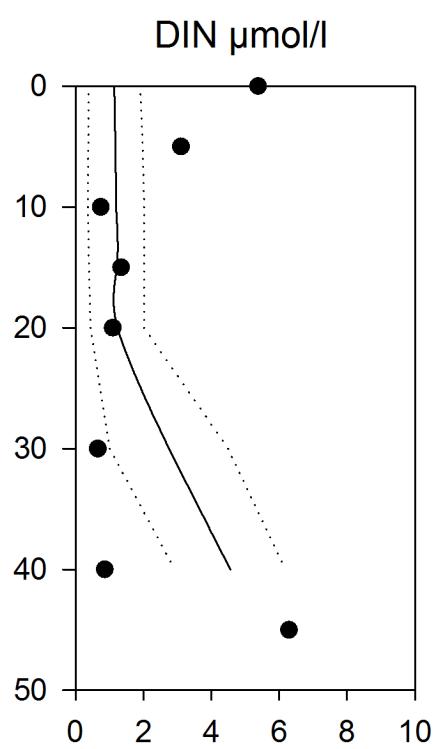
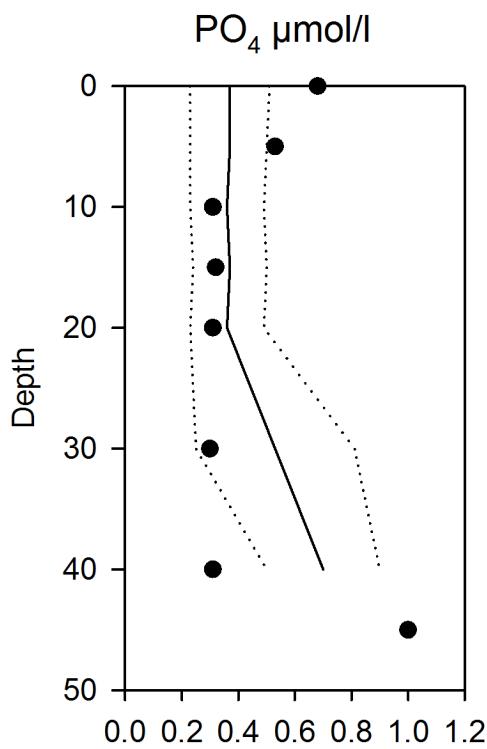
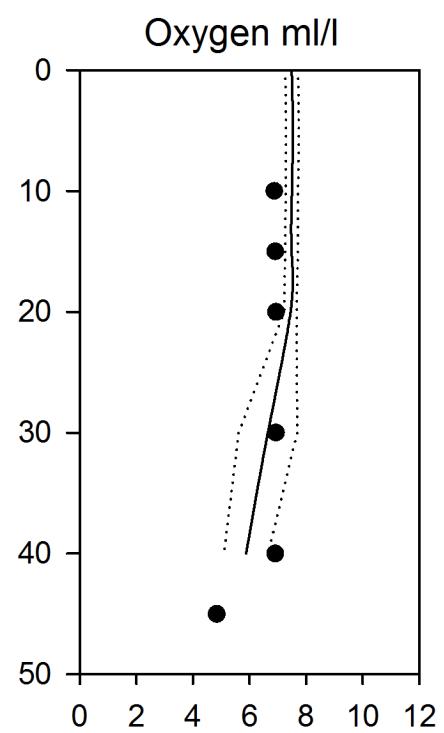
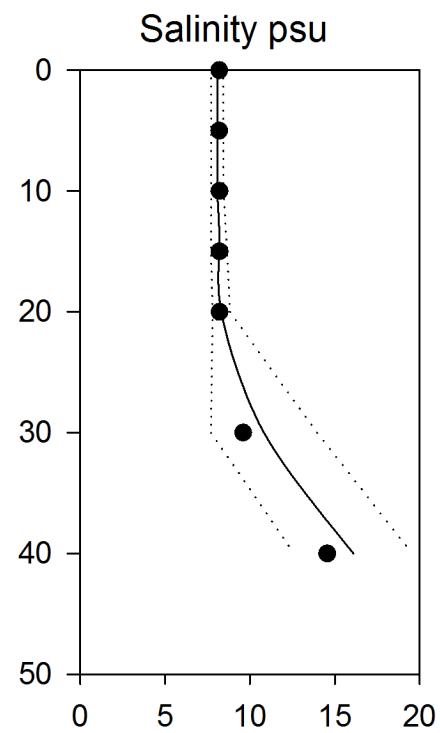
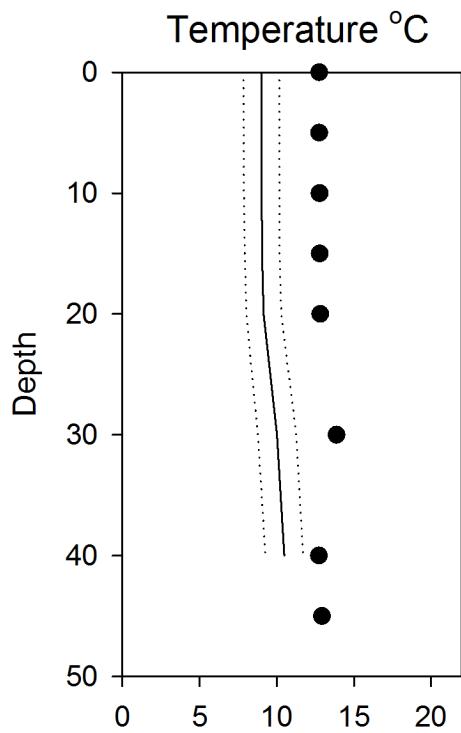
····· St.Dev.

● 2014



Vertical profiles BY1 November

— Mean 1996-2010 St.Dev. ● 2014



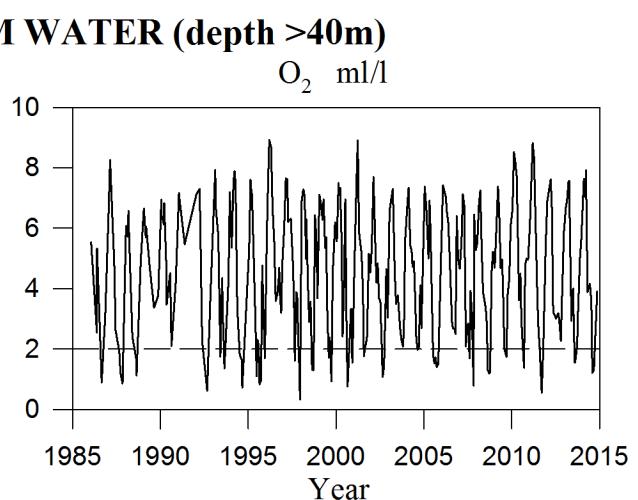
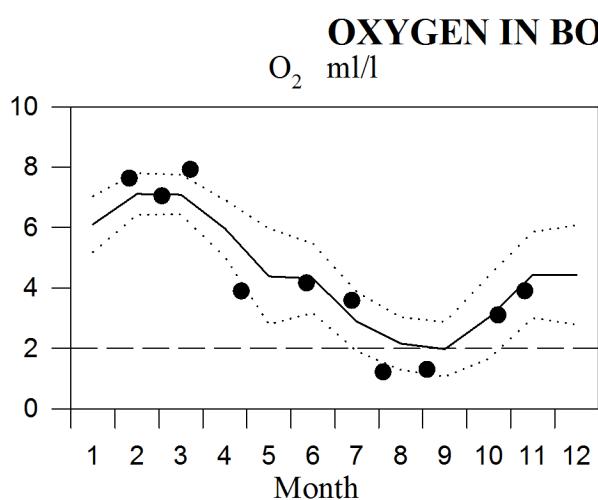
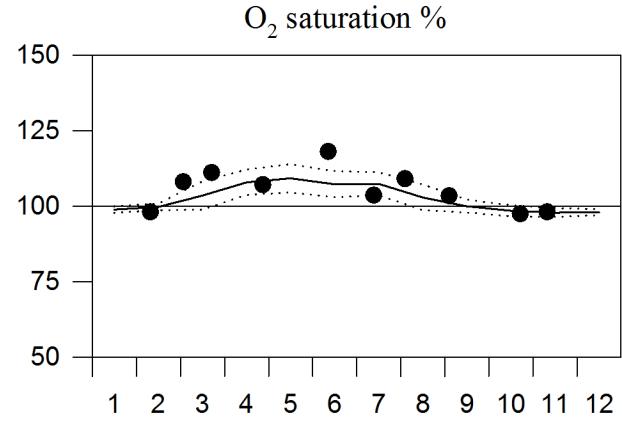
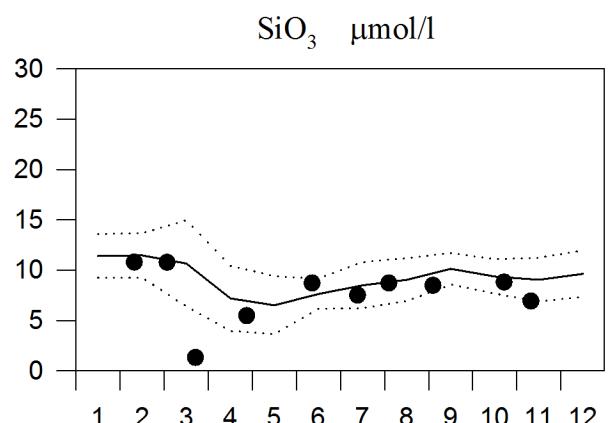
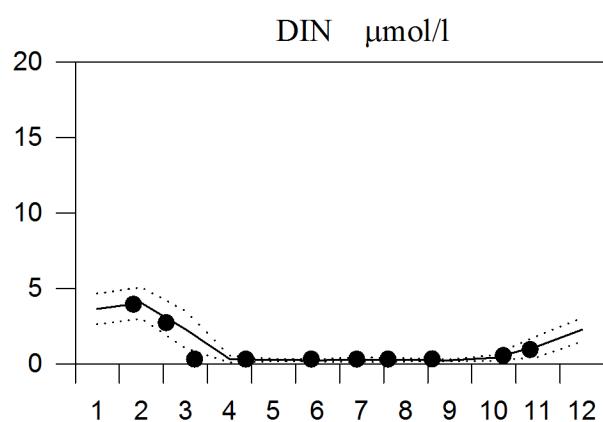
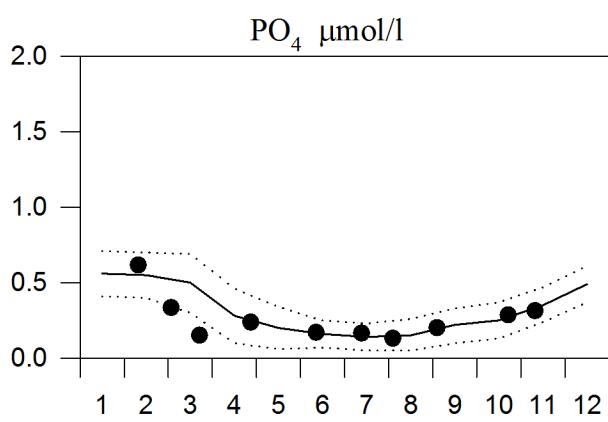
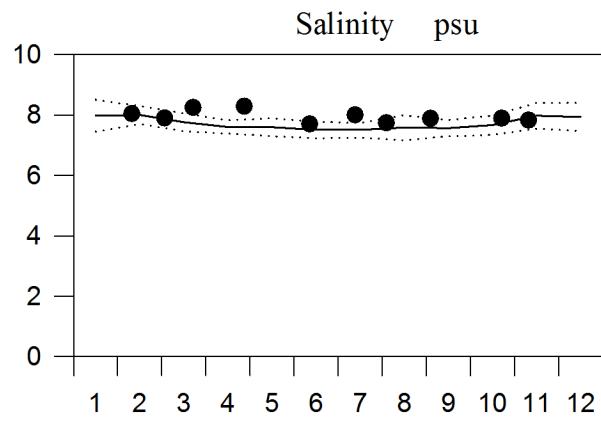
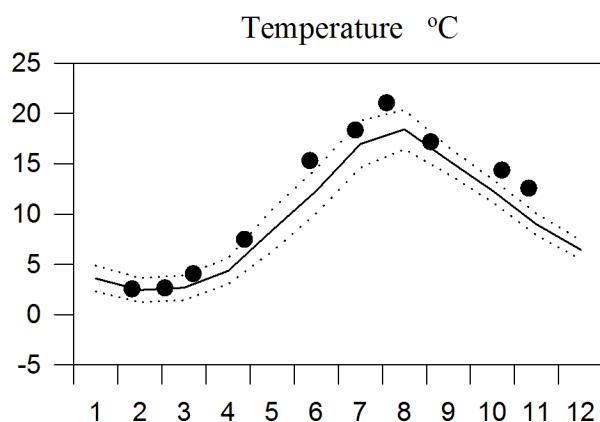
STATION BY2 SURFACE WATER

Annual Cycles

— Mean 1996-2010

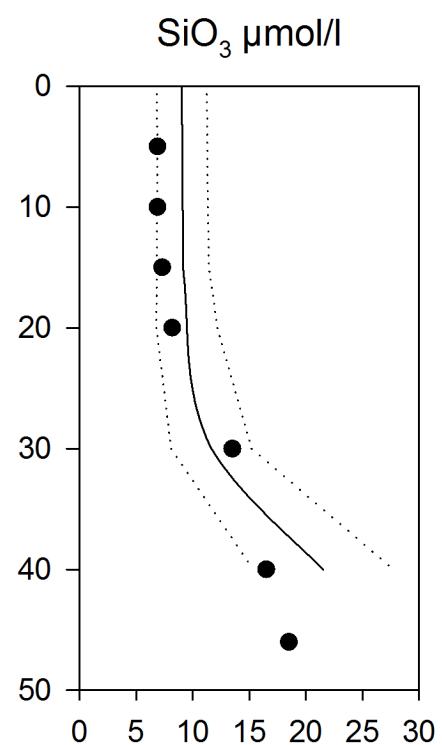
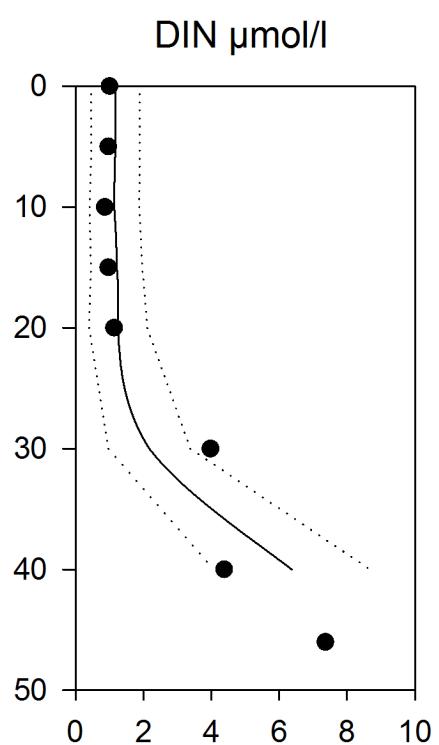
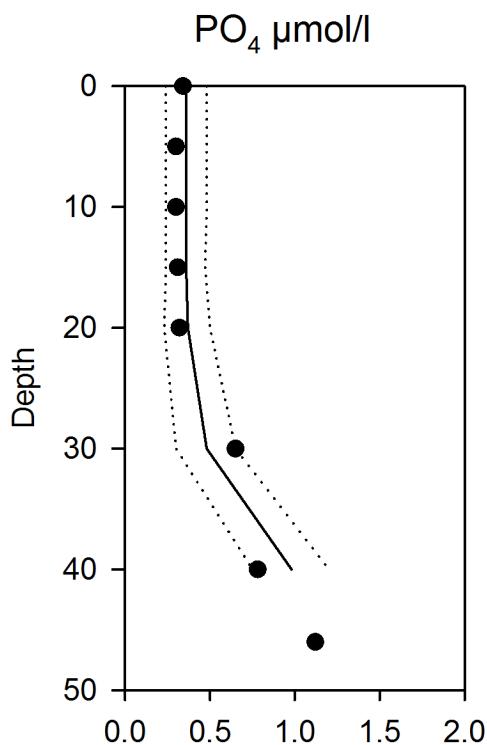
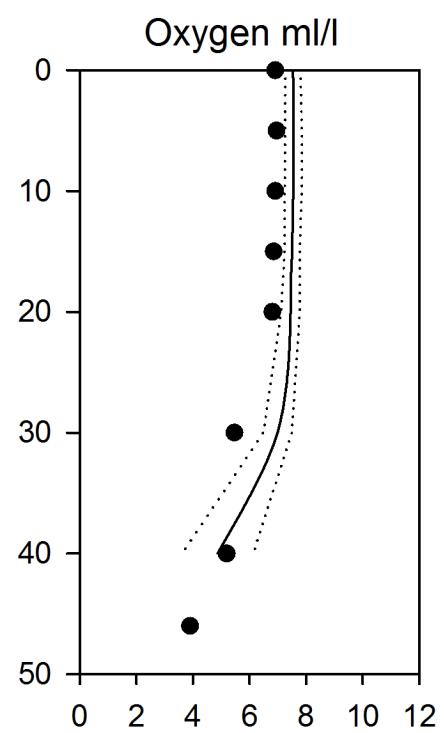
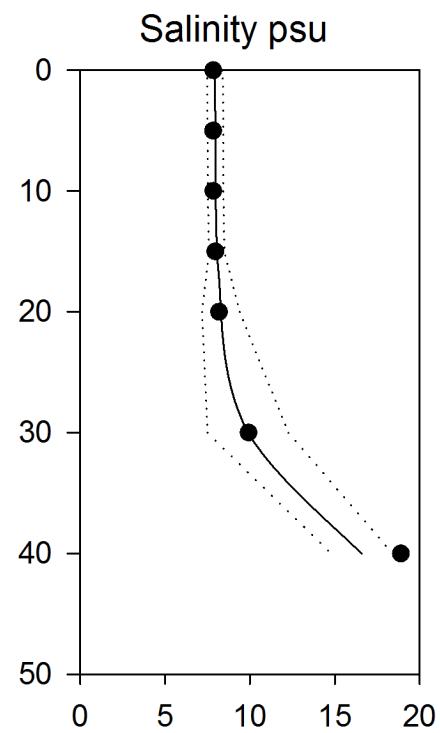
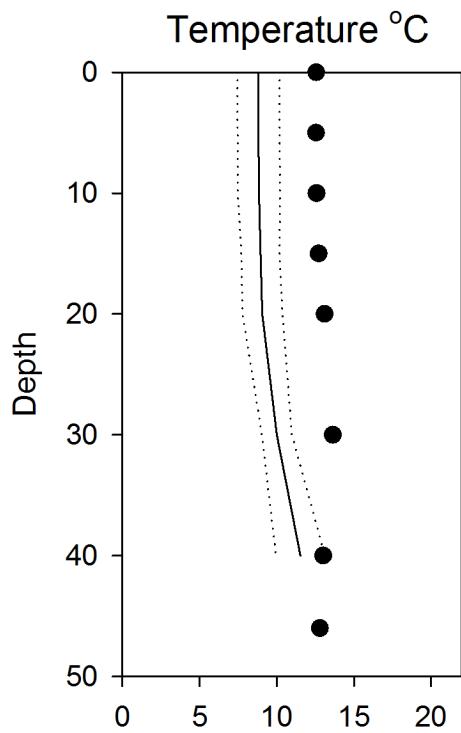
..... St.Dev.

● 2014



Vertical profiles BY2 November

— Mean 1996-2010 St.Dev. ● 2014



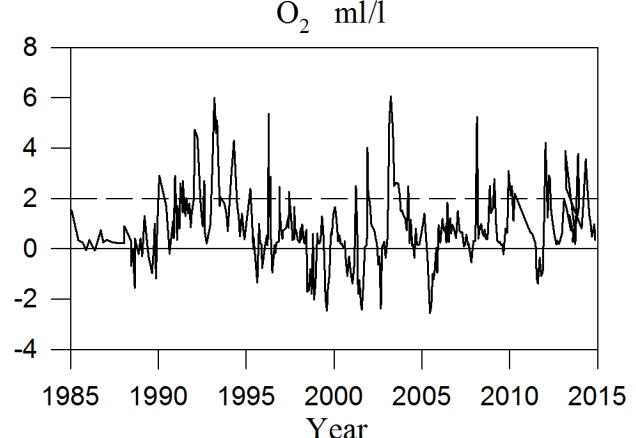
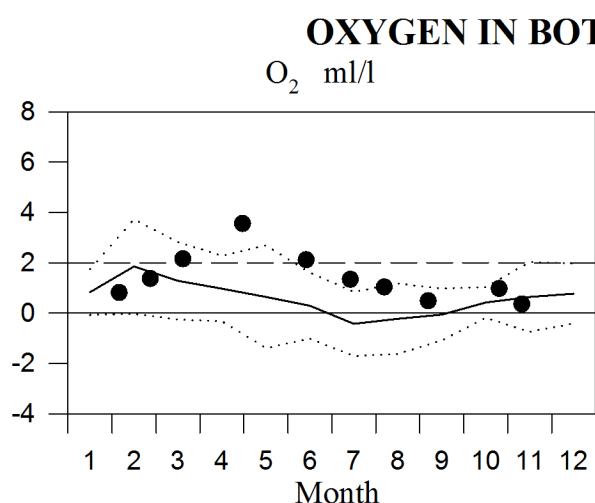
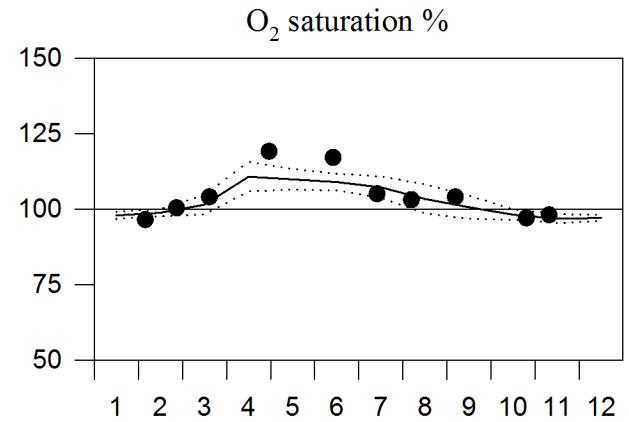
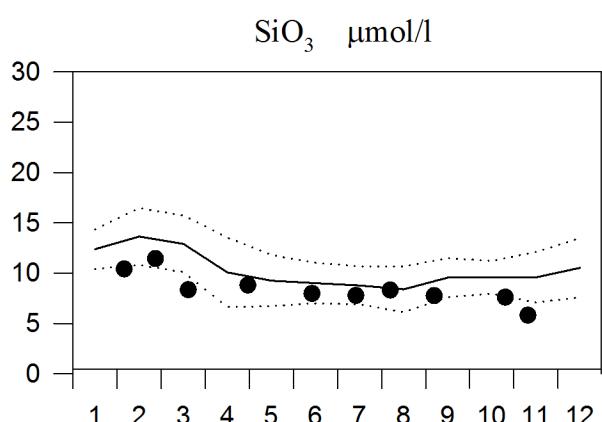
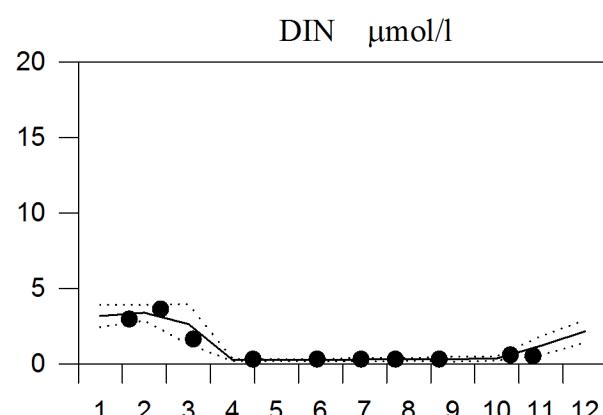
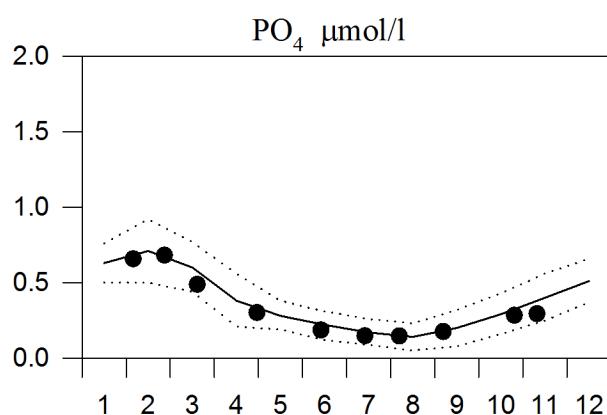
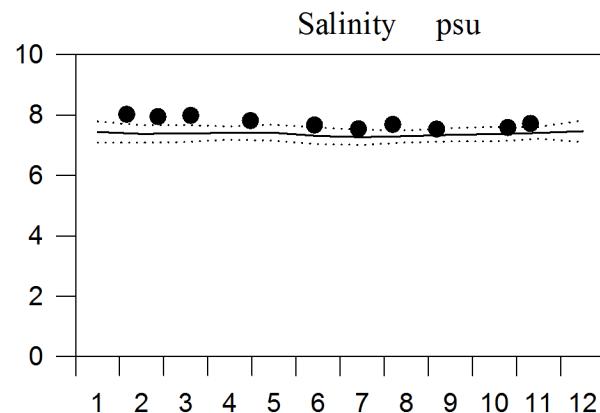
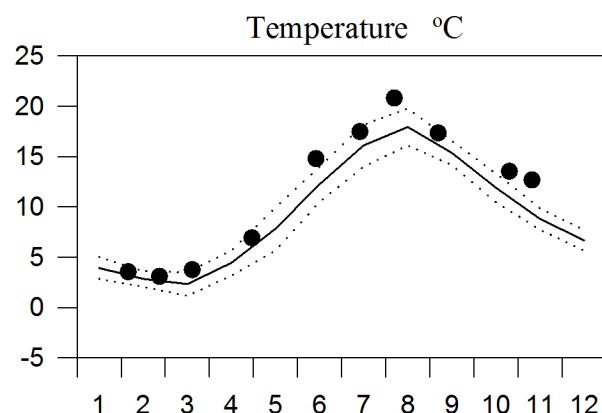
STATION HANÖBUKTEN SURFACE WATER

Annual Cycles

— Mean 1996-2010

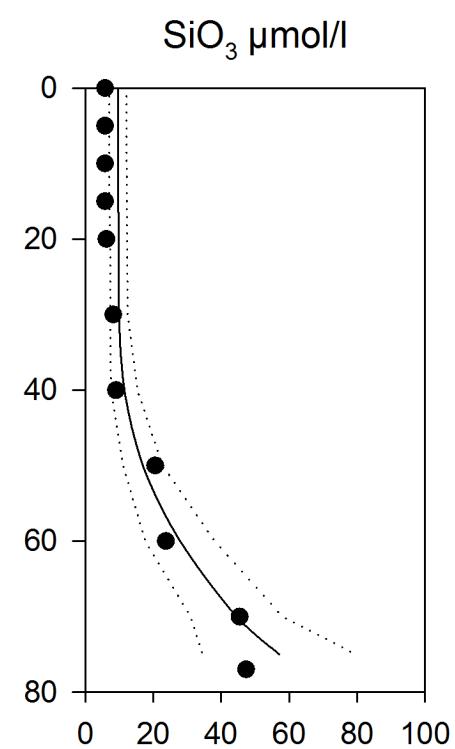
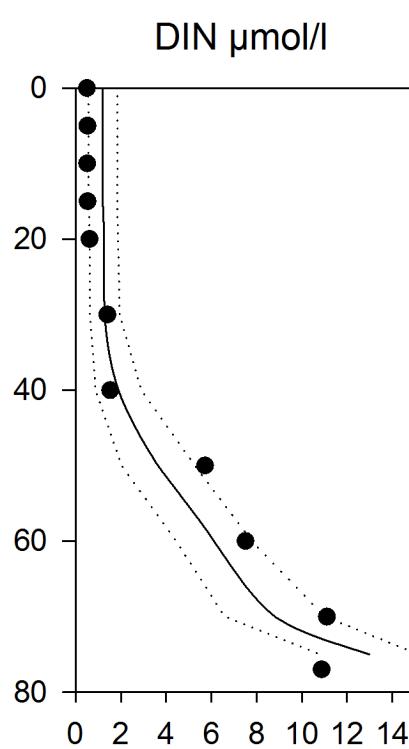
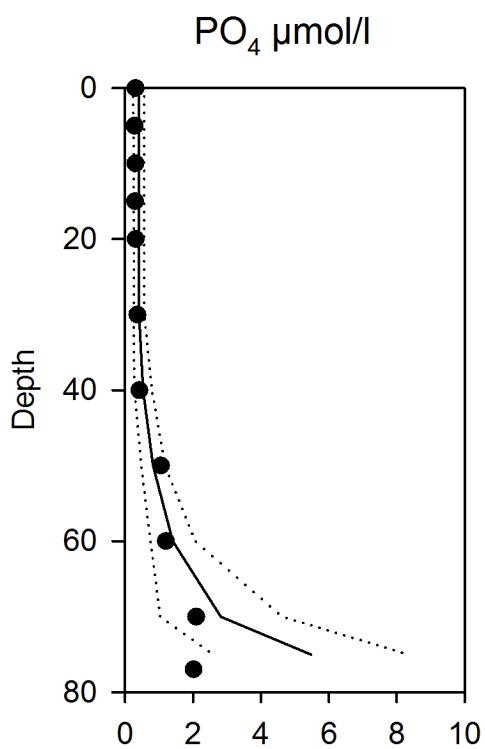
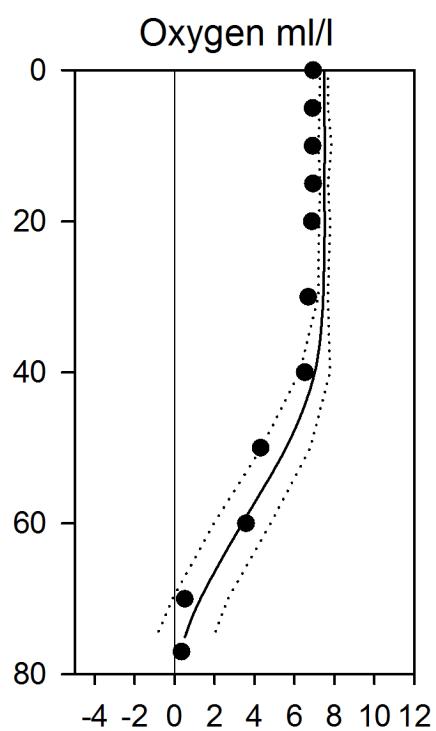
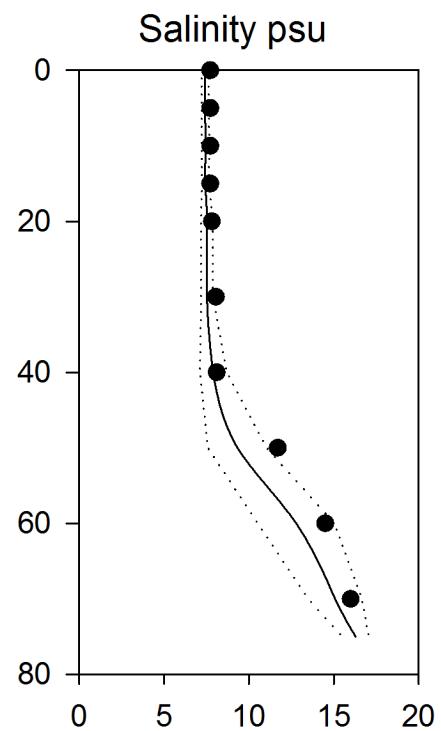
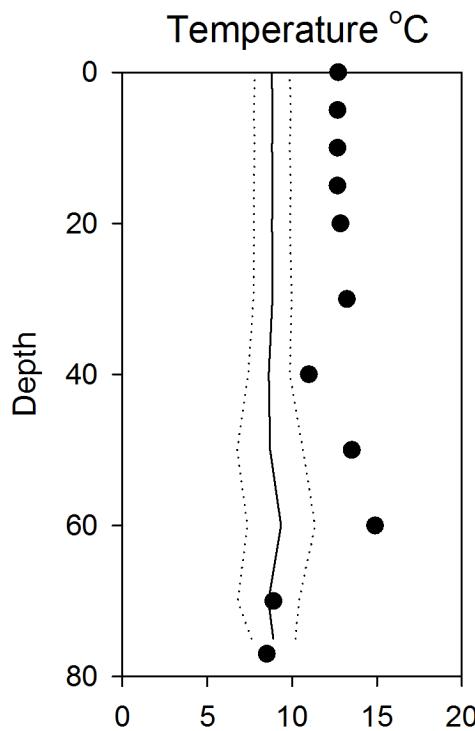
..... St.Dev.

● 2014



Vertical profiles Hanöbukten November

— Mean 1996-2010 St.Dev. ● 2014



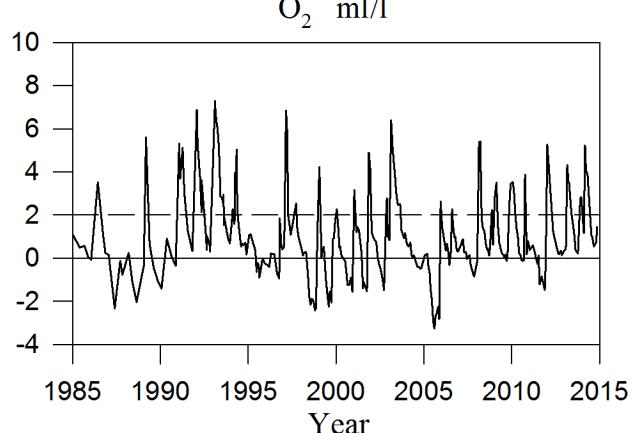
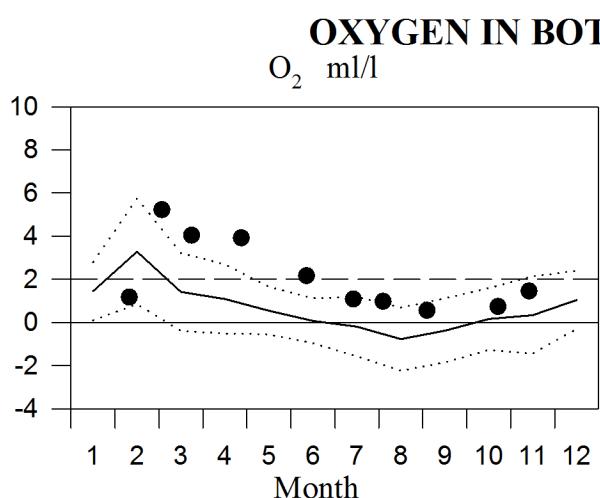
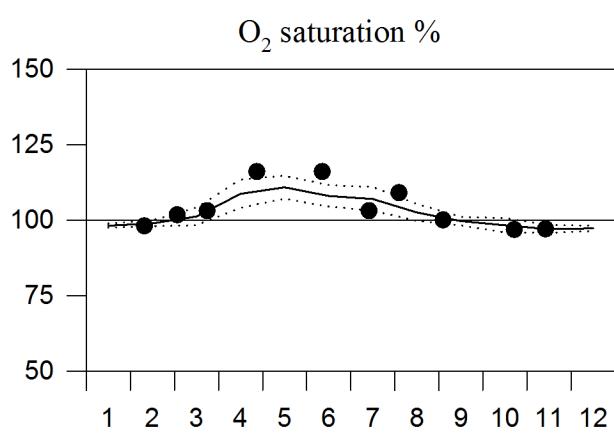
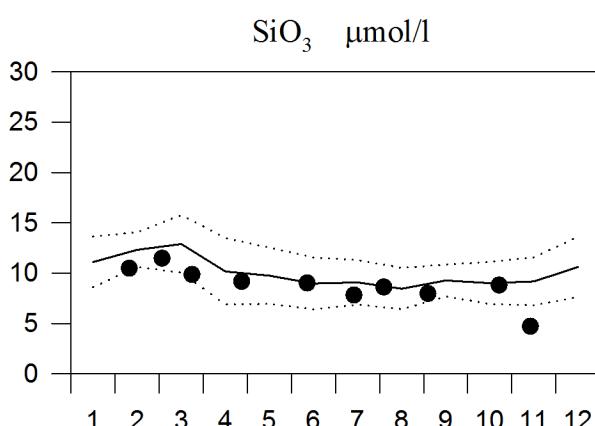
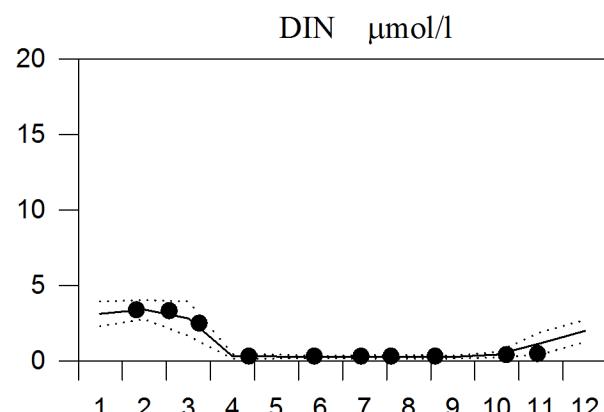
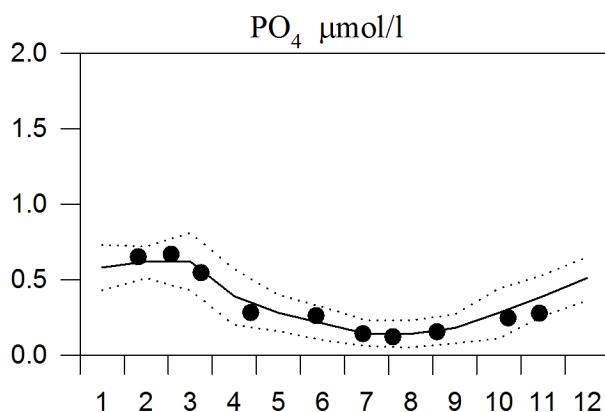
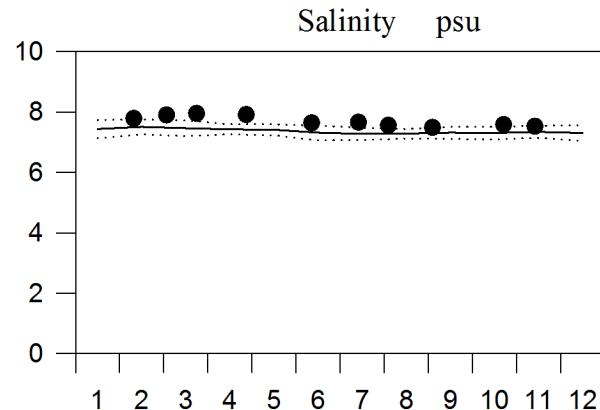
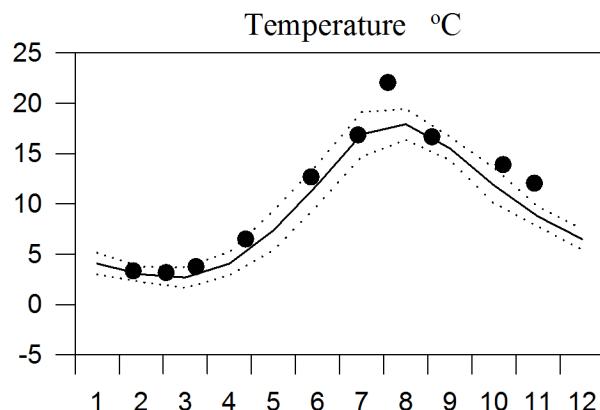
STATION BY4 SURFACE WATER

Annual Cycles

— Mean 1996-2010

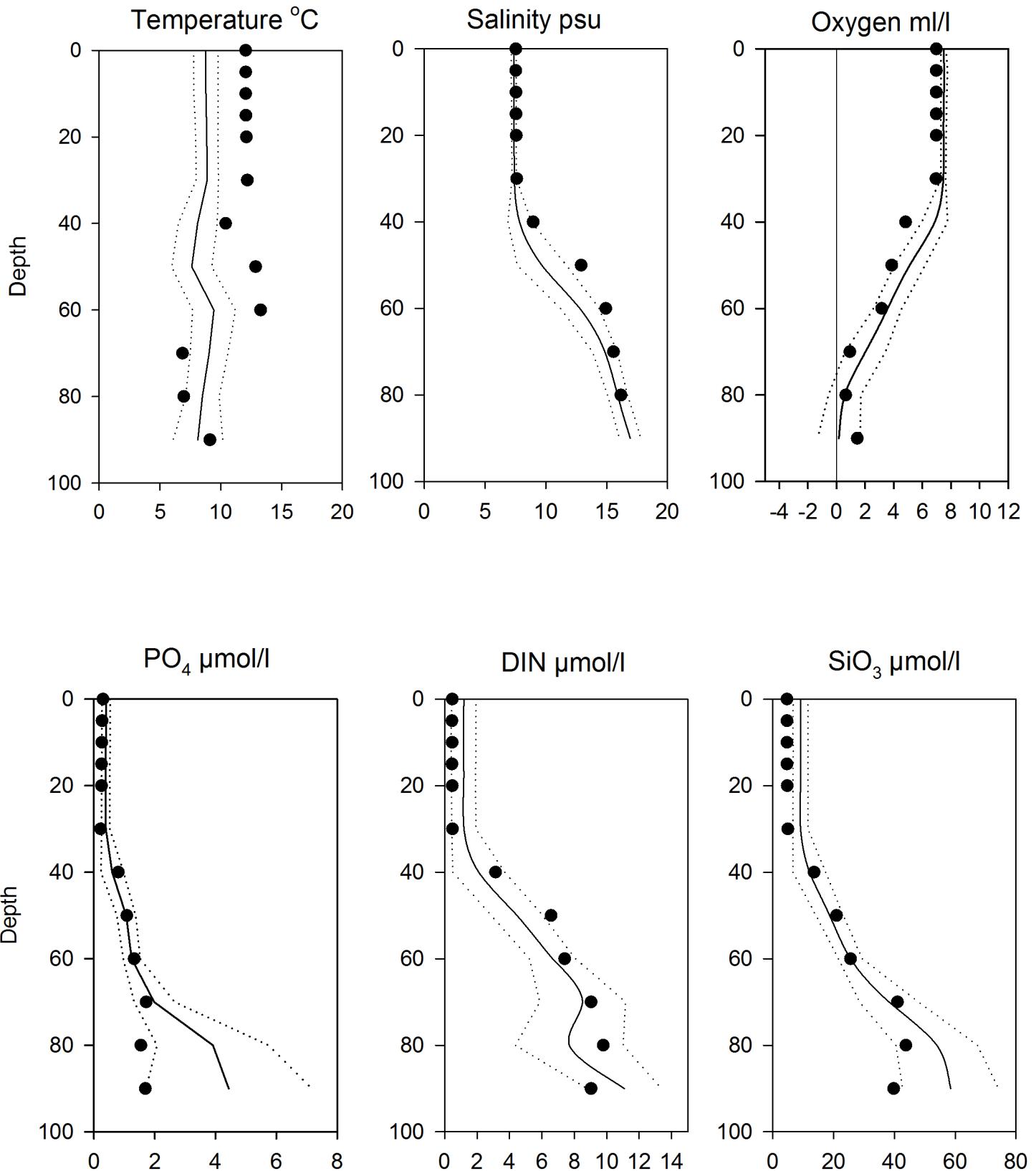
..... St.Dev.

● 2014



Vertical profiles BY4 November

— Mean 1996-2010 St.Dev. ● 2014



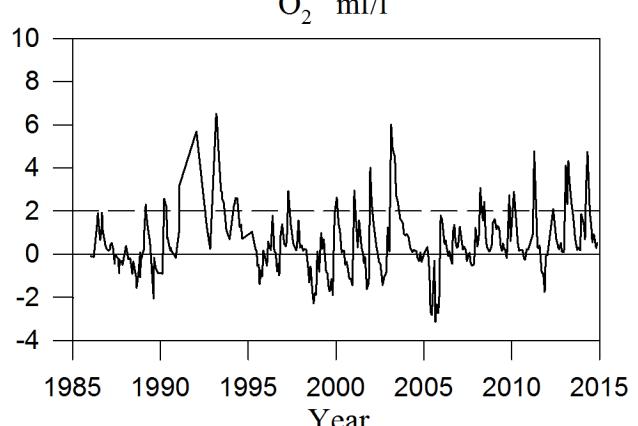
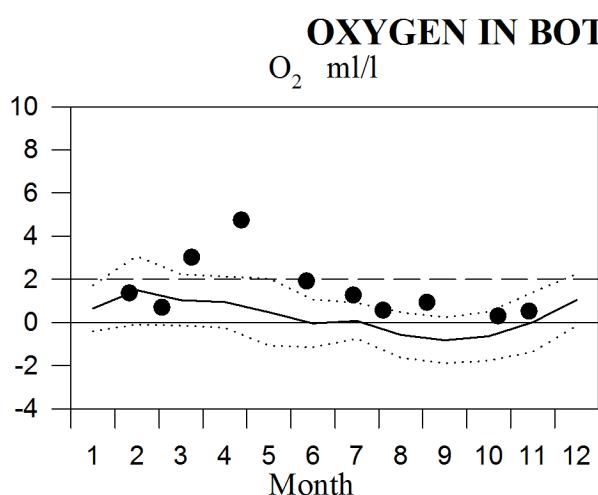
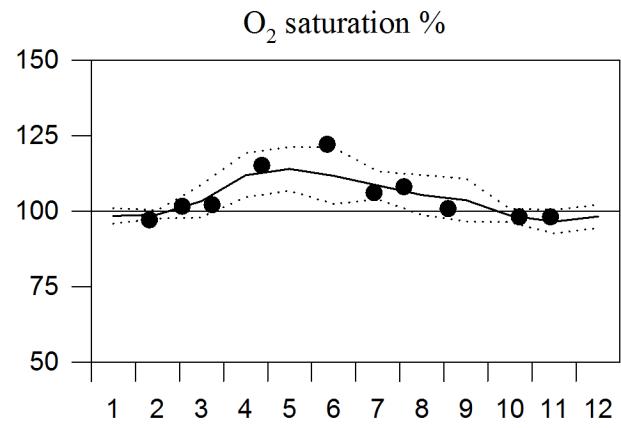
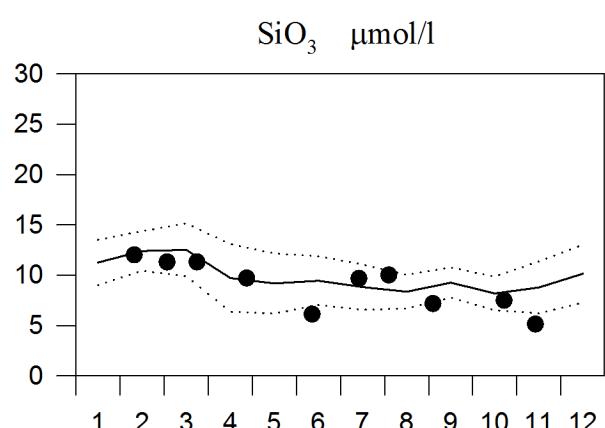
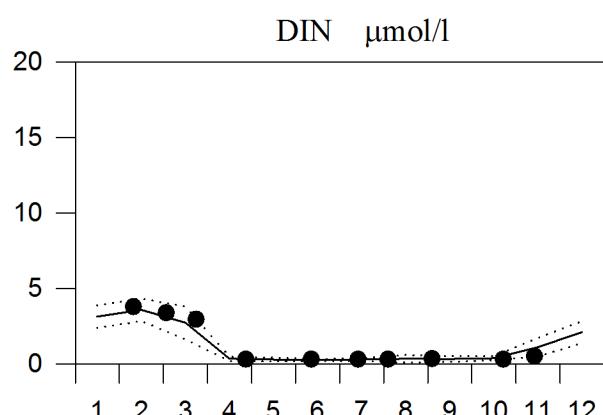
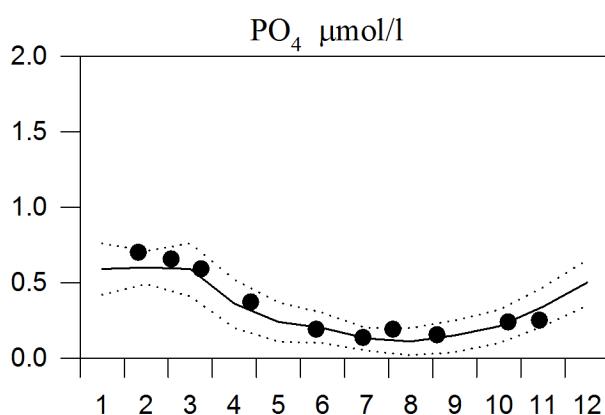
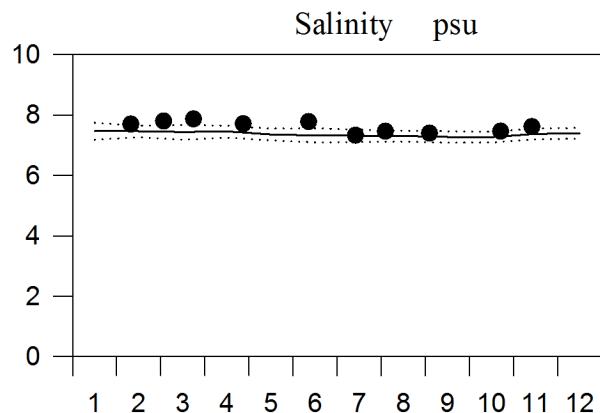
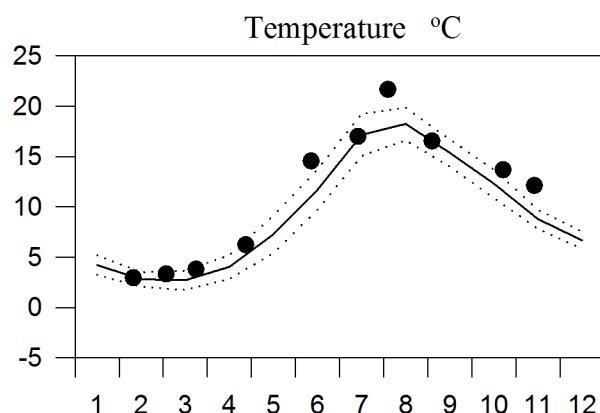
STATION BY5 SURFACE WATER

Annual Cycles

— Mean 1996-2010

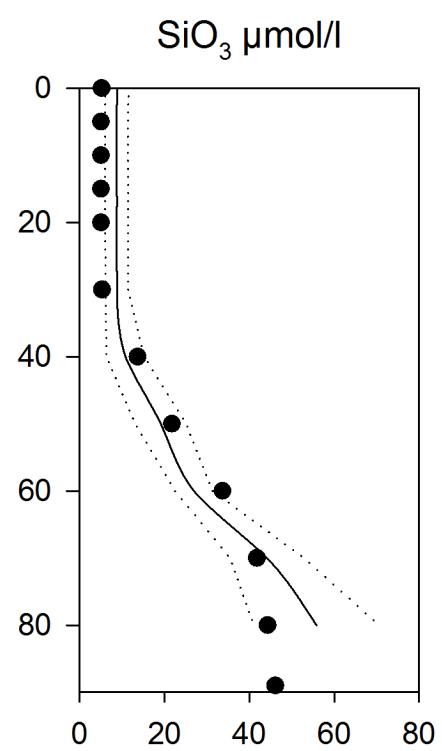
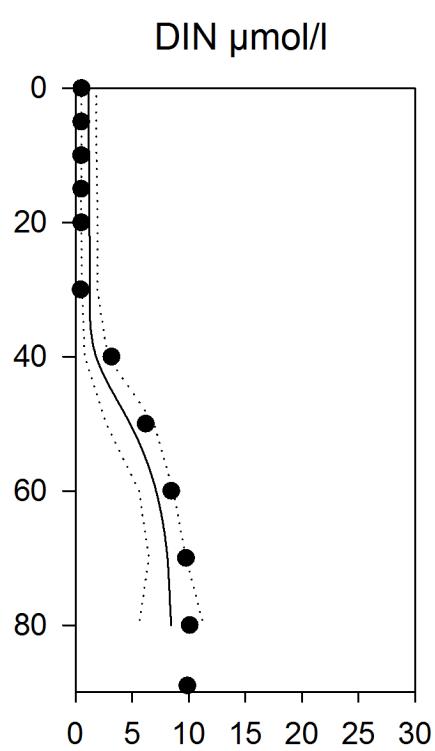
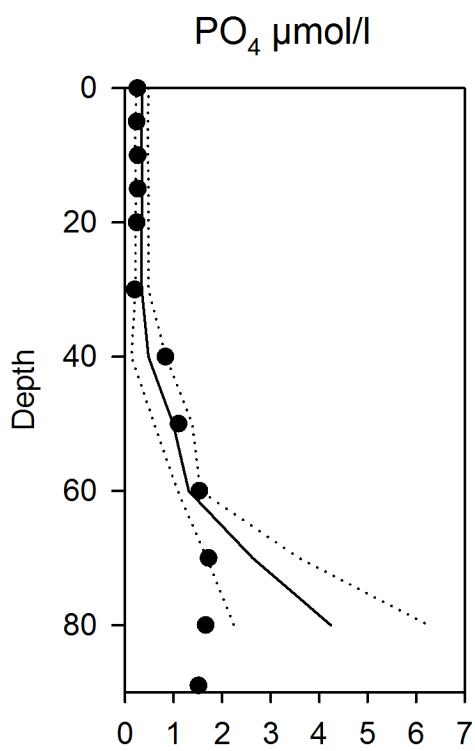
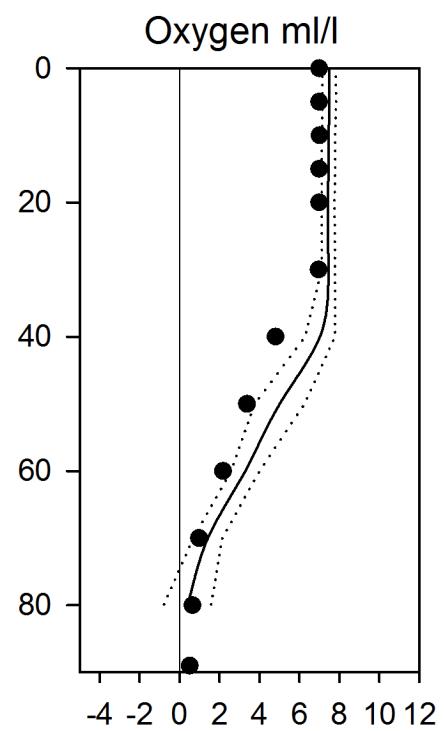
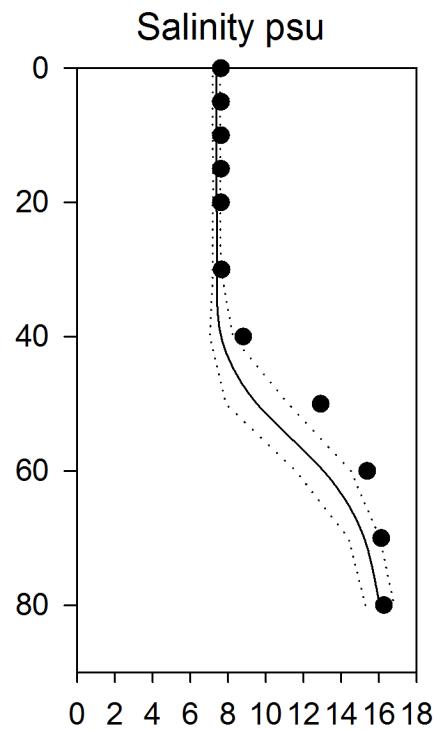
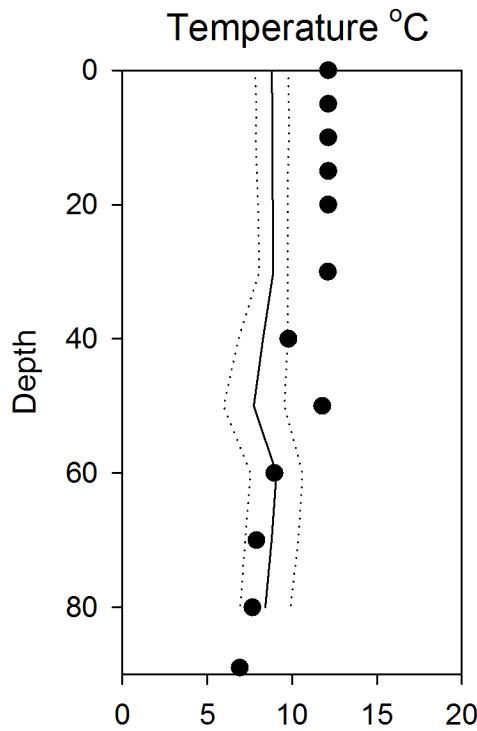
..... St.Dev.

● 2014



Vertical profiles BY5 November

— Mean 1996-2010 St.Dev. ● 2014



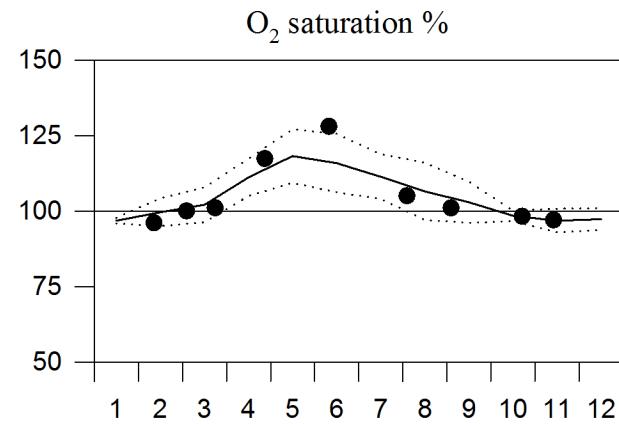
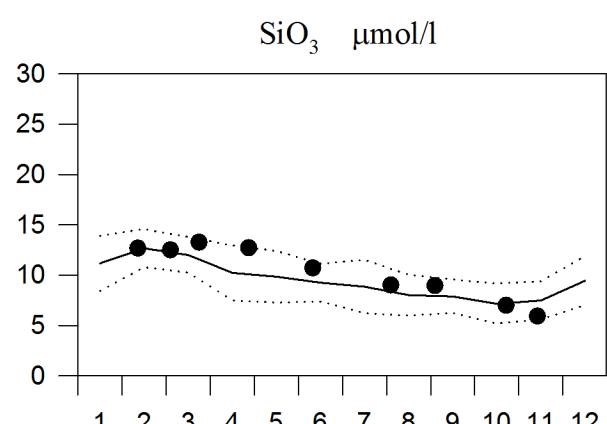
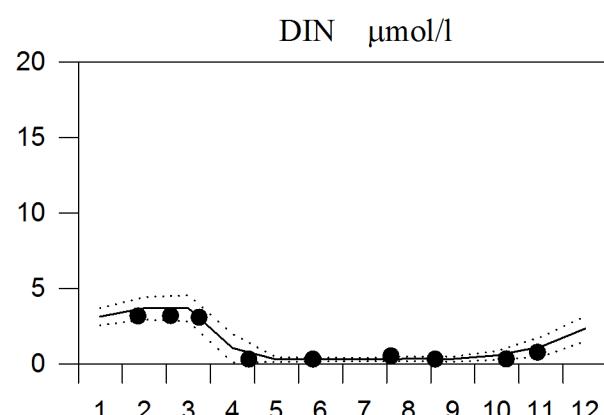
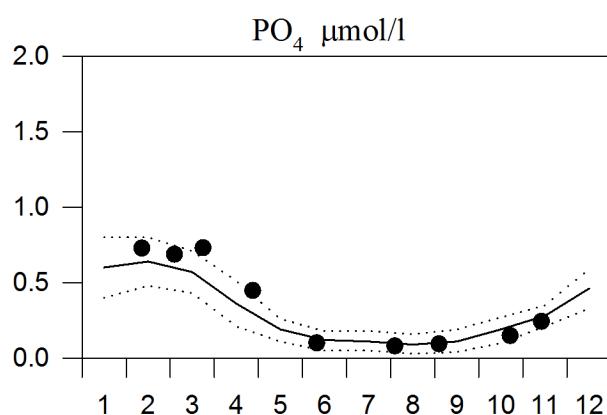
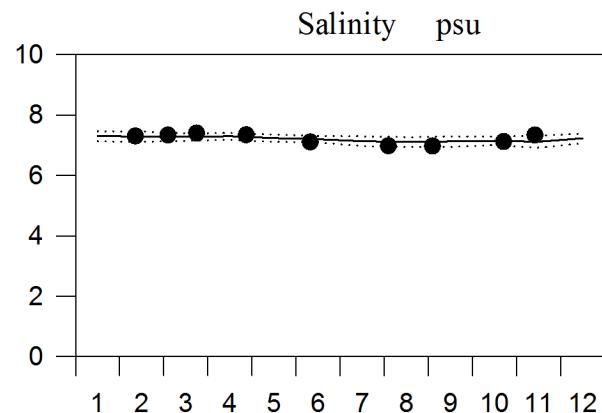
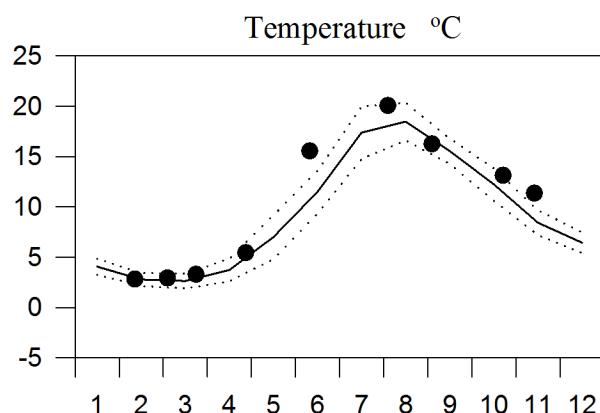
STATION BCS III-10 SURFACE WATER

Annual Cycles

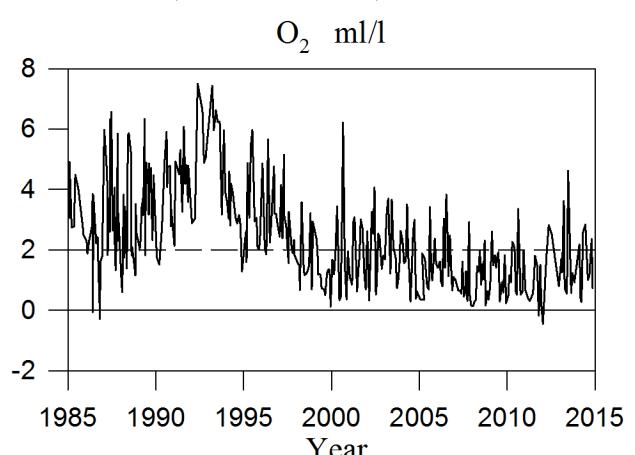
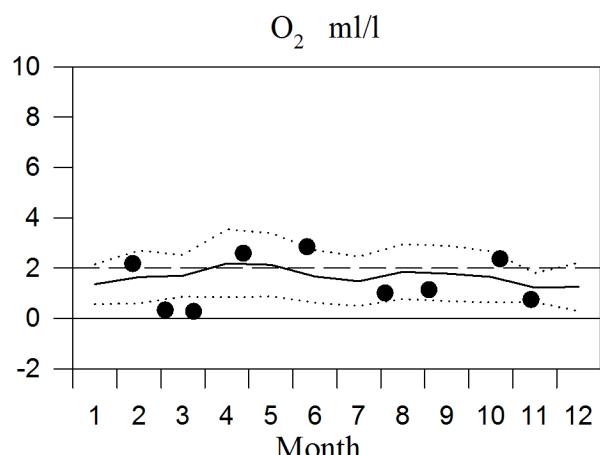
— Mean 1996-2010

..... St.Dev.

● 2014

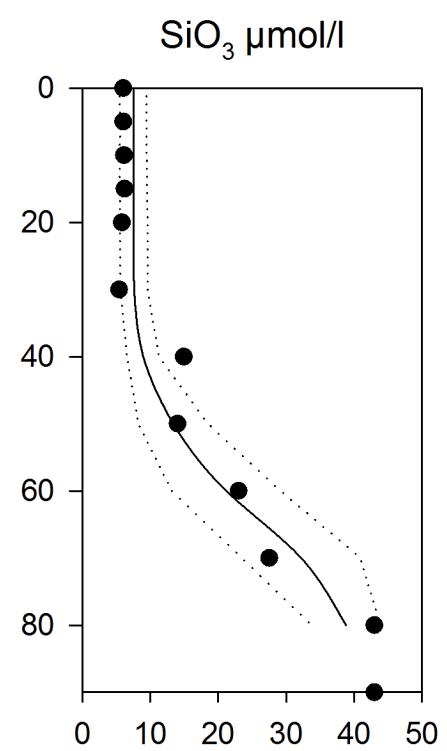
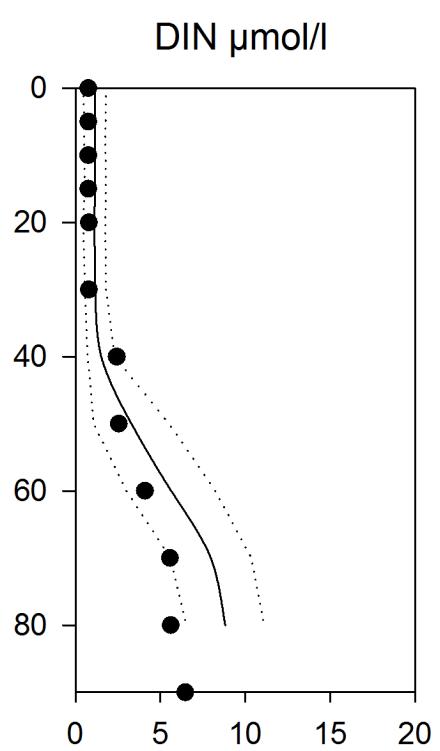
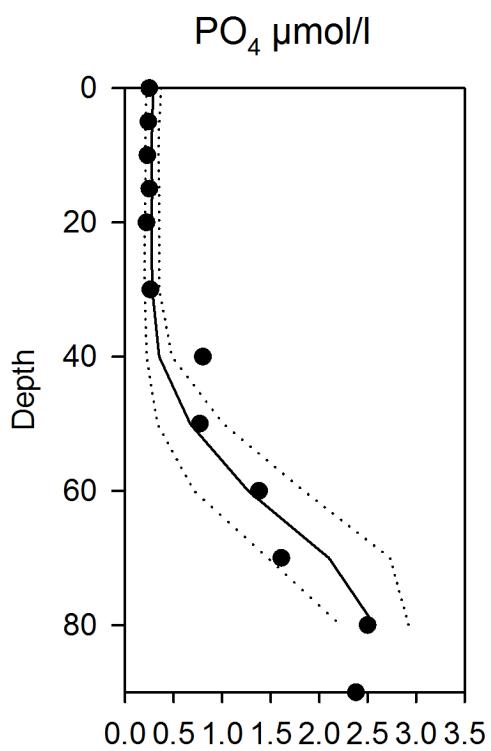
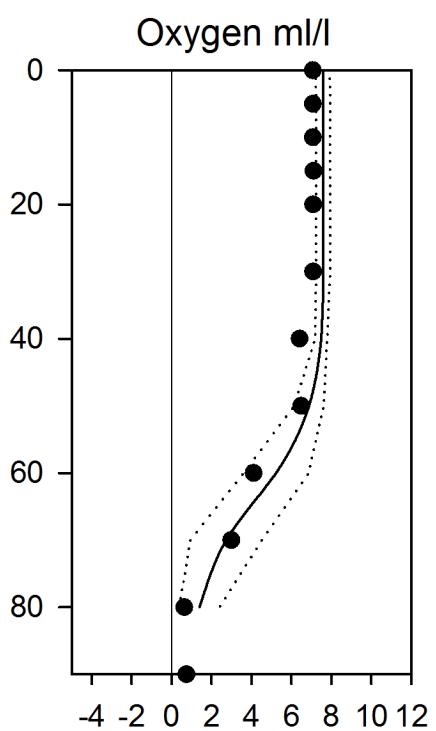
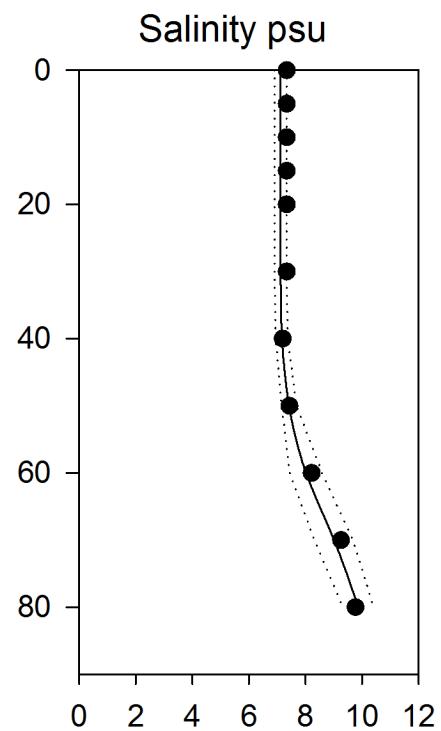
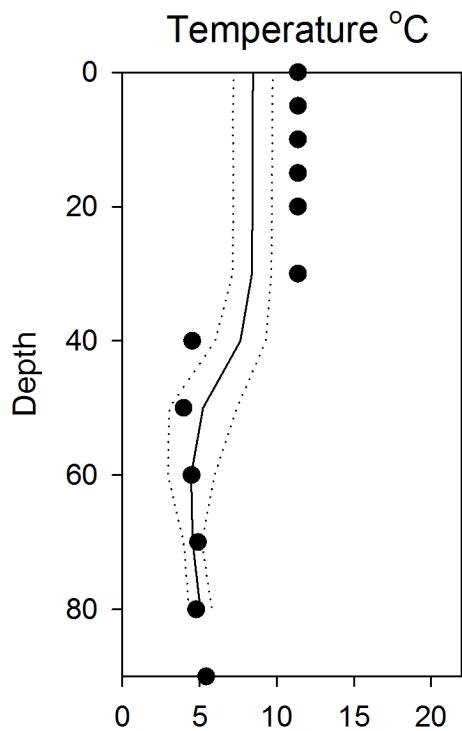


OXYGEN IN BOTTOM WATER (depth > 80m)



Vertical profiles BCS III-10 November

— Mean 1996-2010 St.Dev. ● 2014



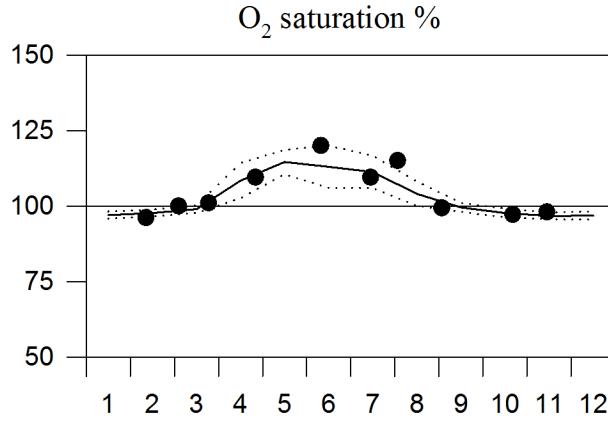
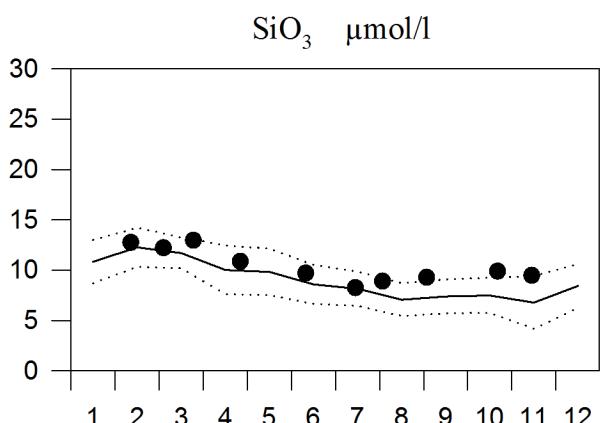
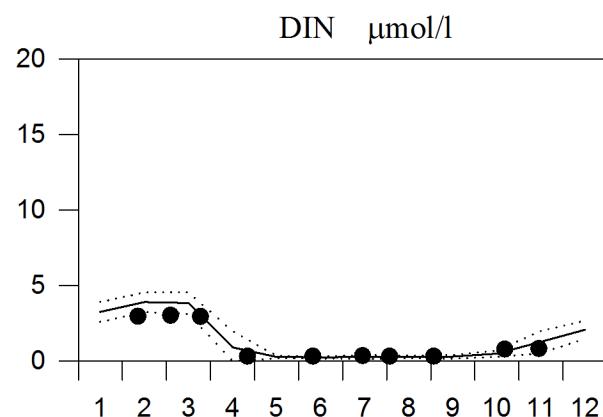
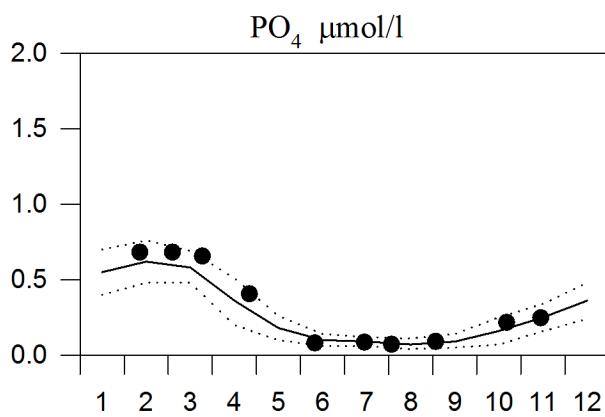
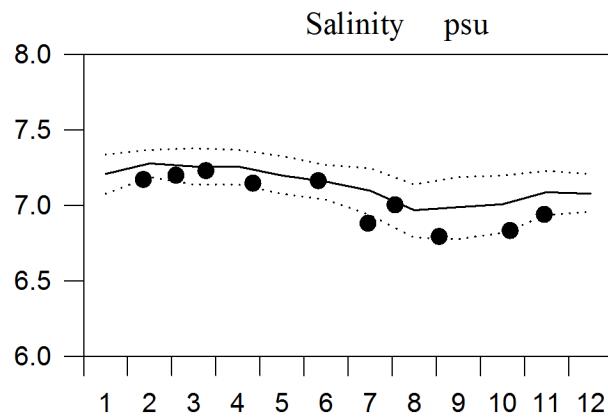
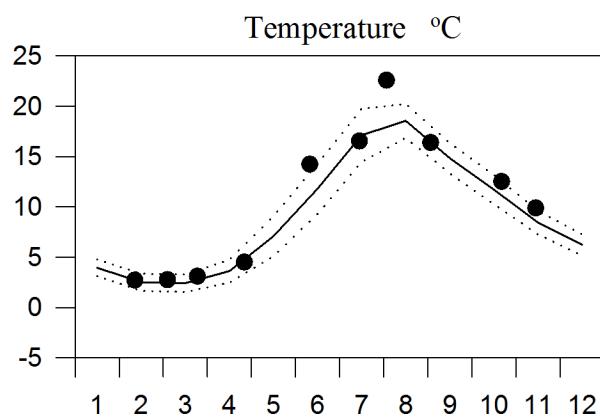
STATION BY10 SURFACE WATER

Annual Cycles

— Mean 1996-2010

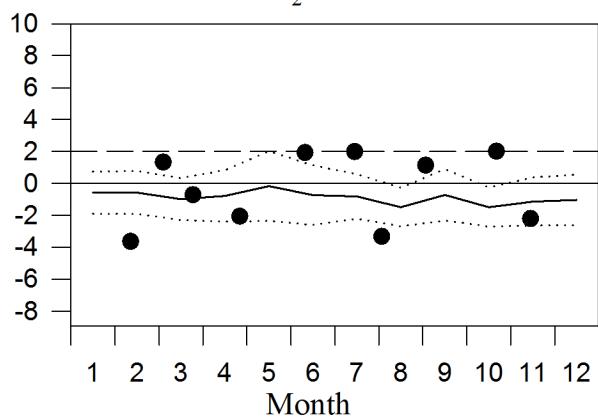
····· St.Dev.

● 2014

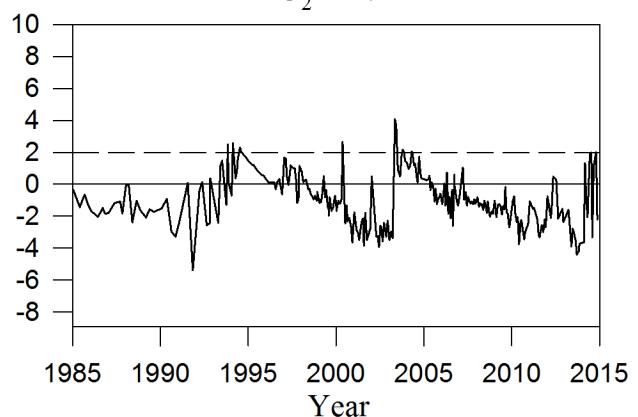


OXYGEN IN BOTTOM WATER (depth >125m)

$\text{O}_2 \text{ ml/l}$

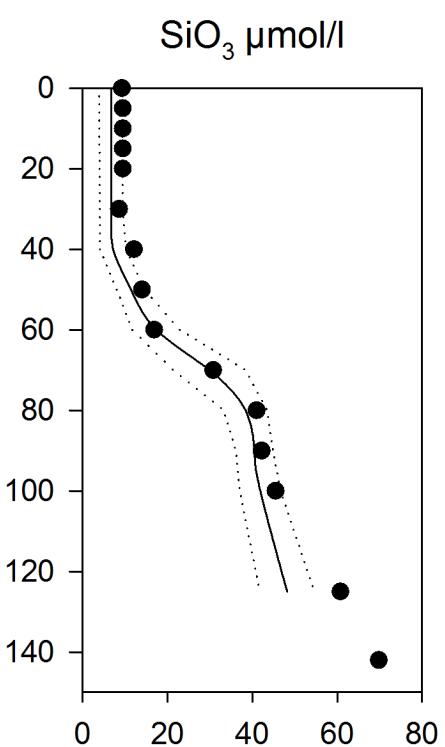
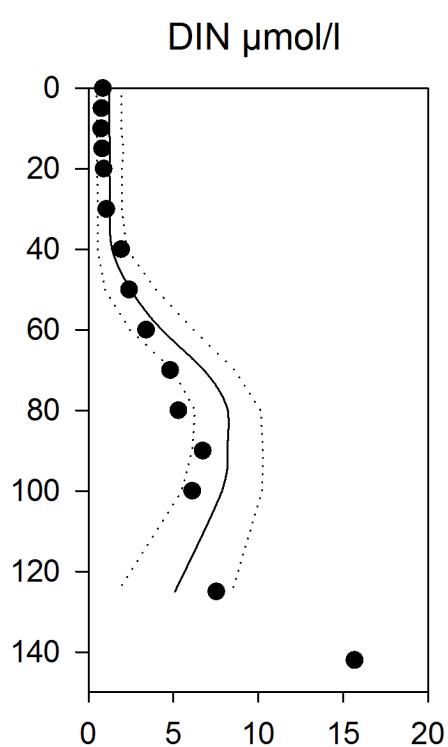
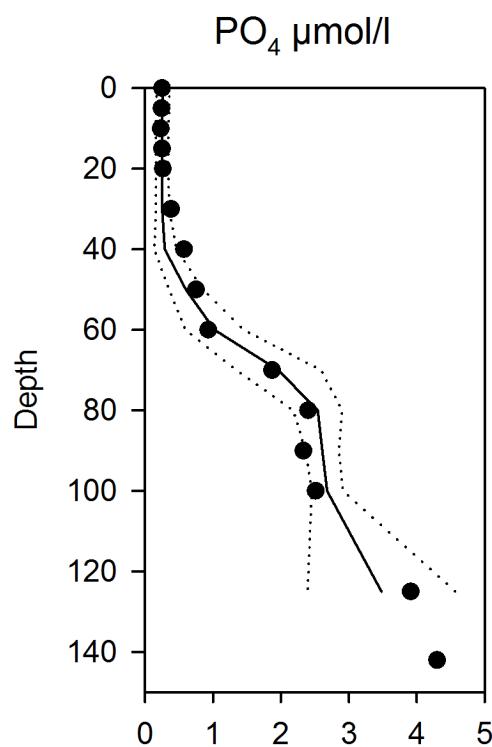
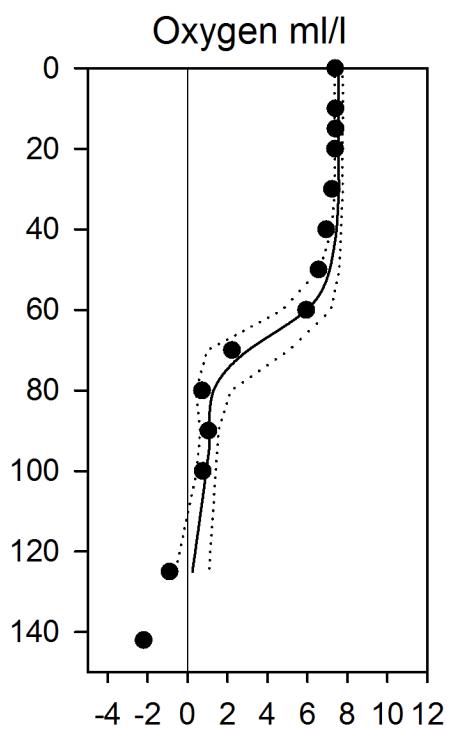
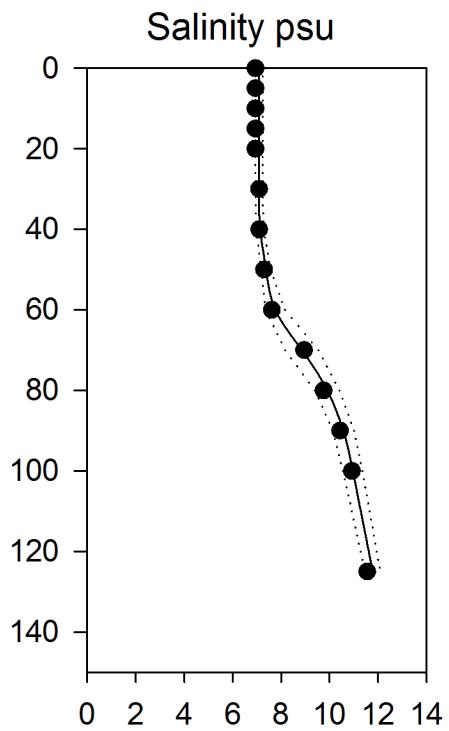
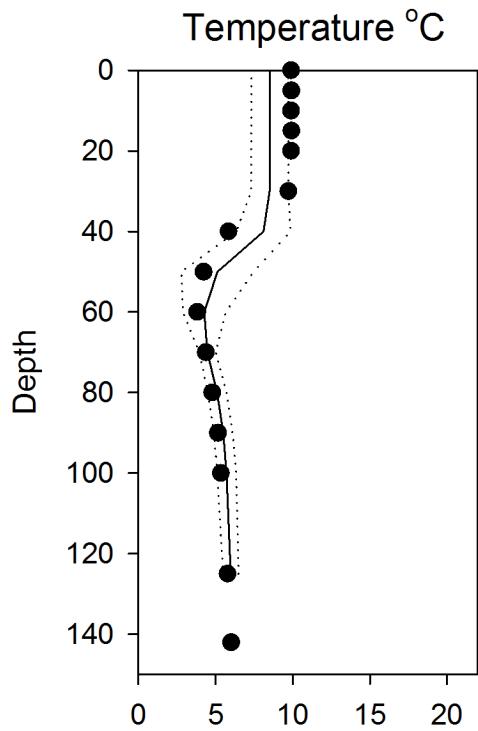


$\text{O}_2 \text{ ml/l}$



Vertical profiles BY10 November

— Mean 1996-2010 St.Dev. ● 2014



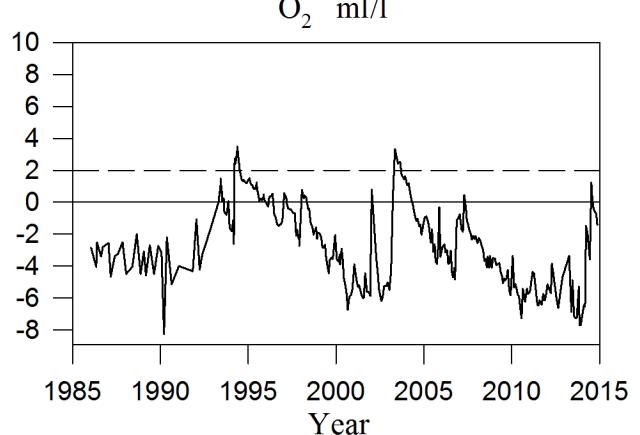
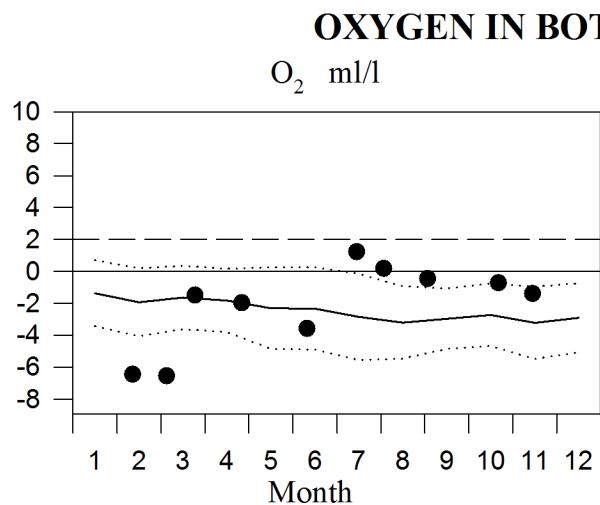
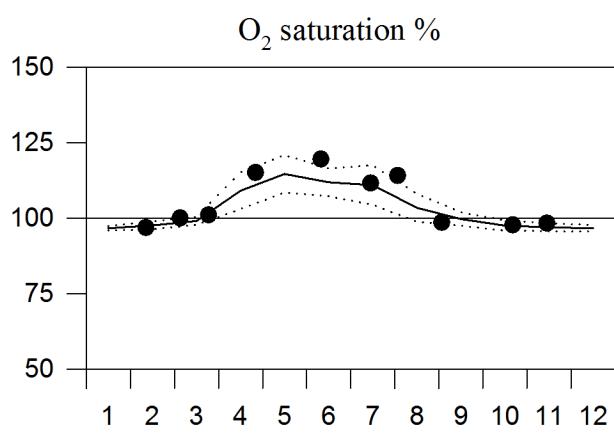
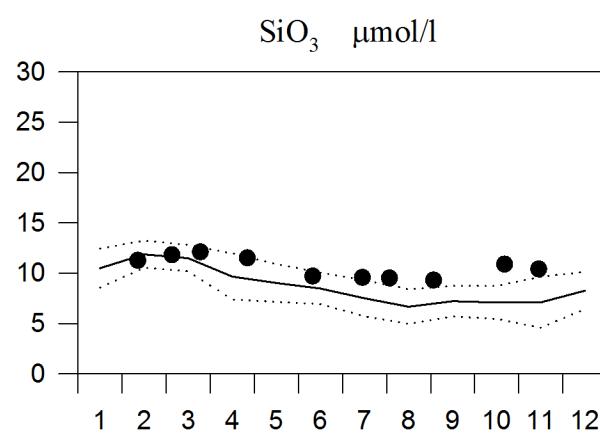
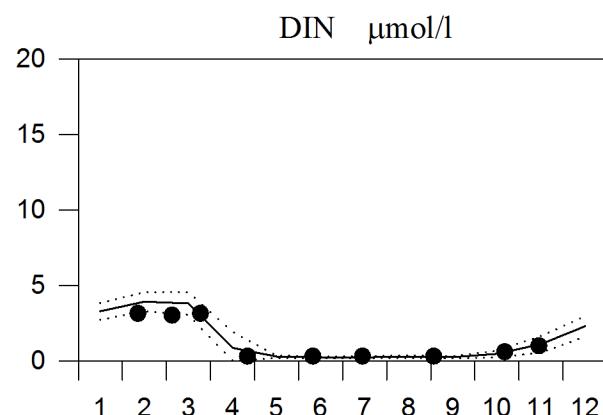
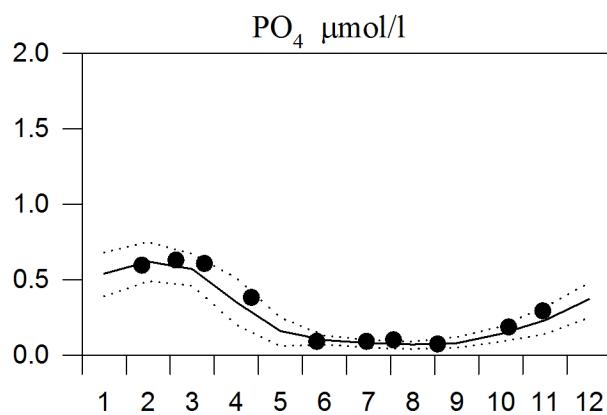
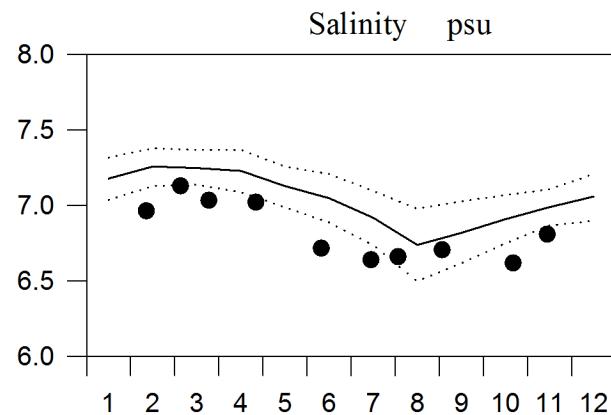
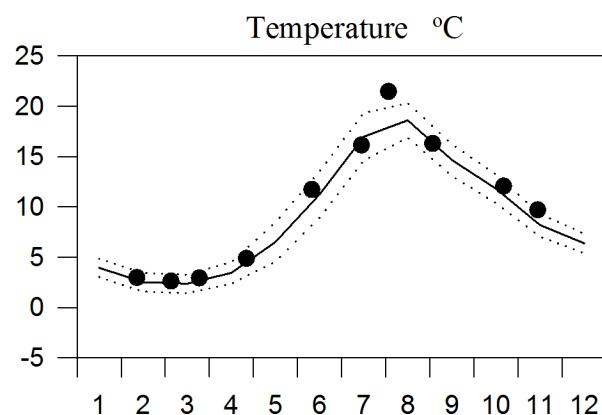
STATION BY15 SURFACE WATER

Annual Cycles

— Mean 1996-2010

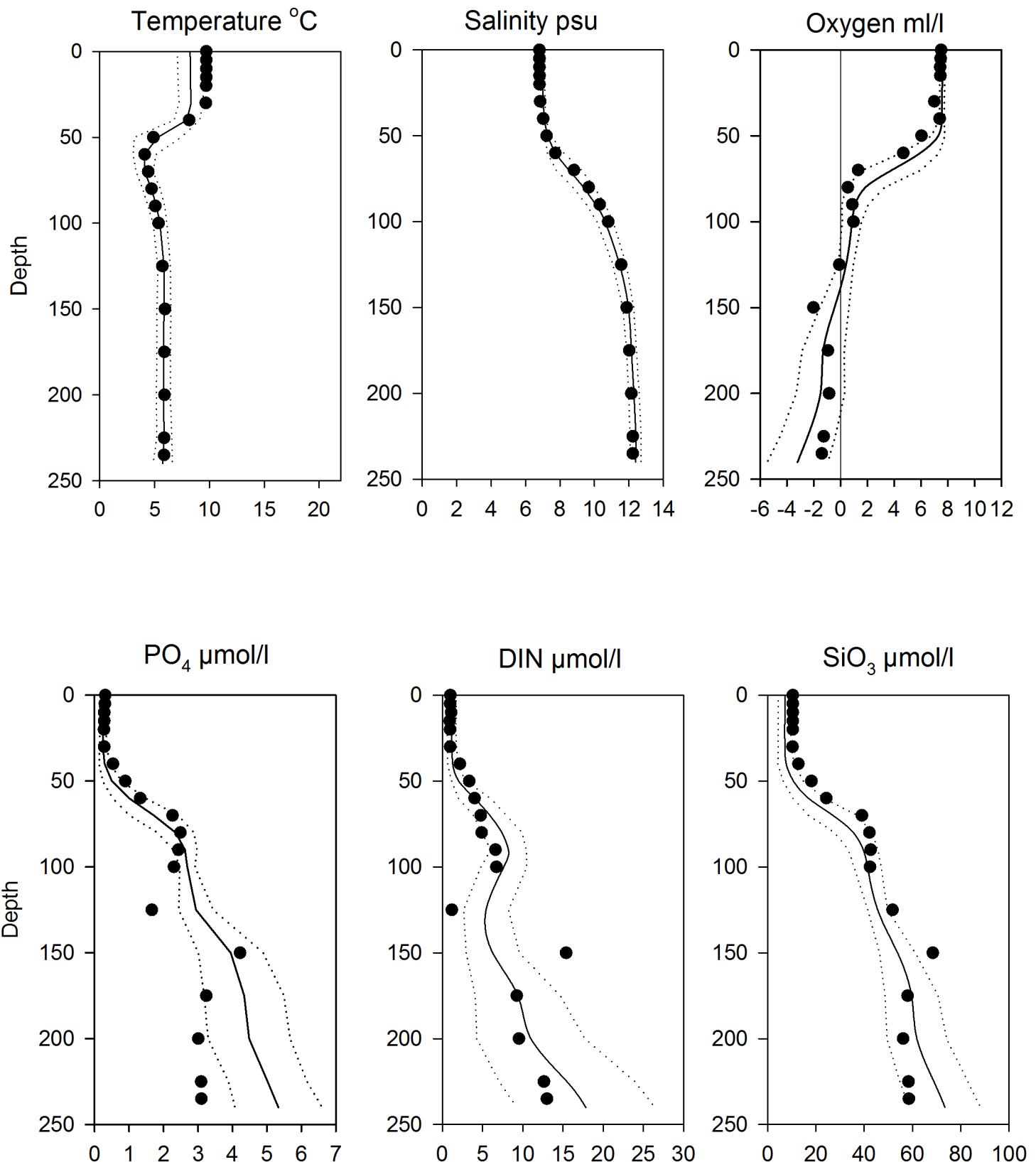
..... St.Dev.

● 2014



Vertical profiles BY15 November

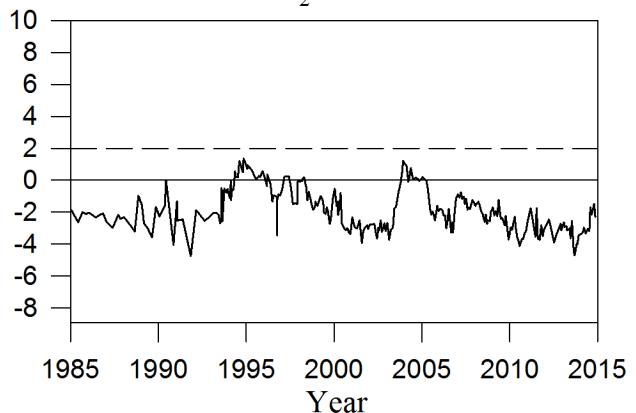
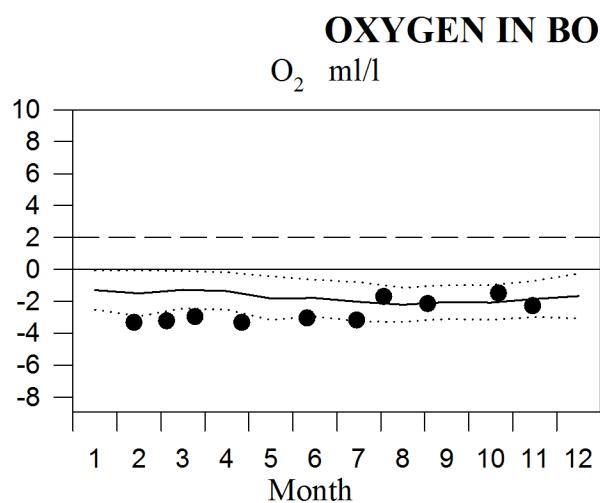
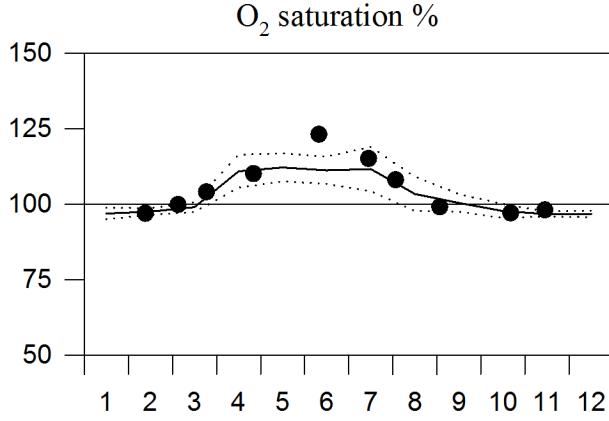
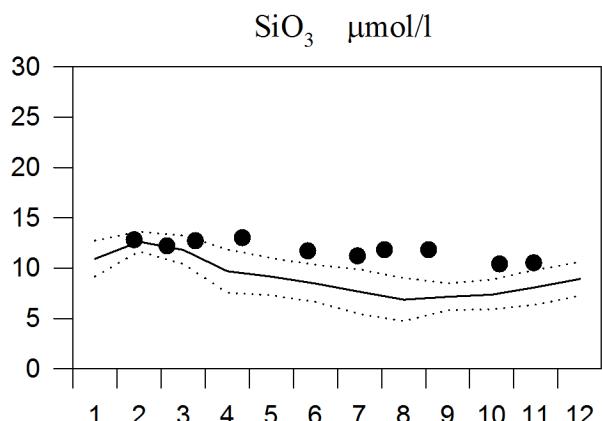
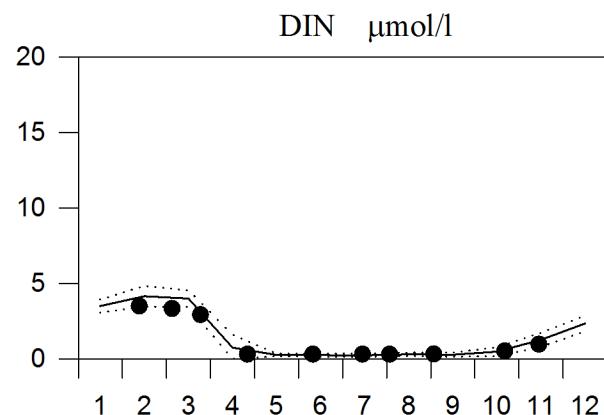
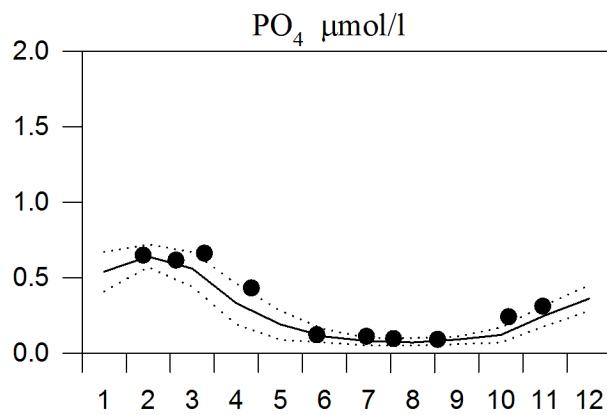
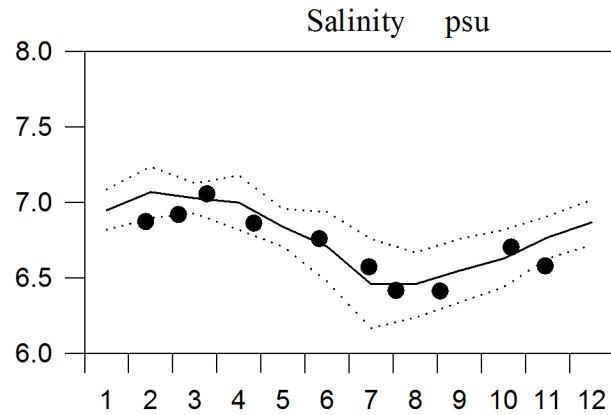
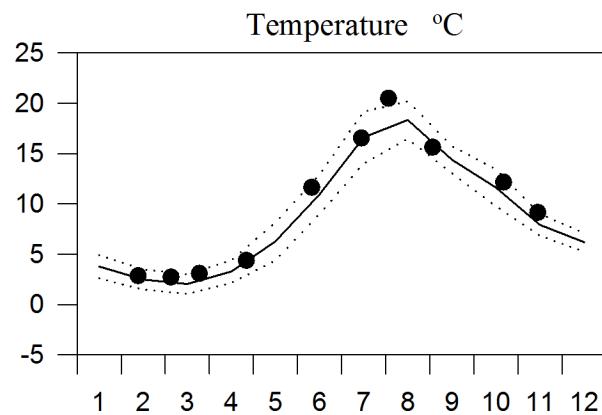
— Mean 1996-2010 St.Dev. ● 2014



STATION BY20 SURFACE WATER

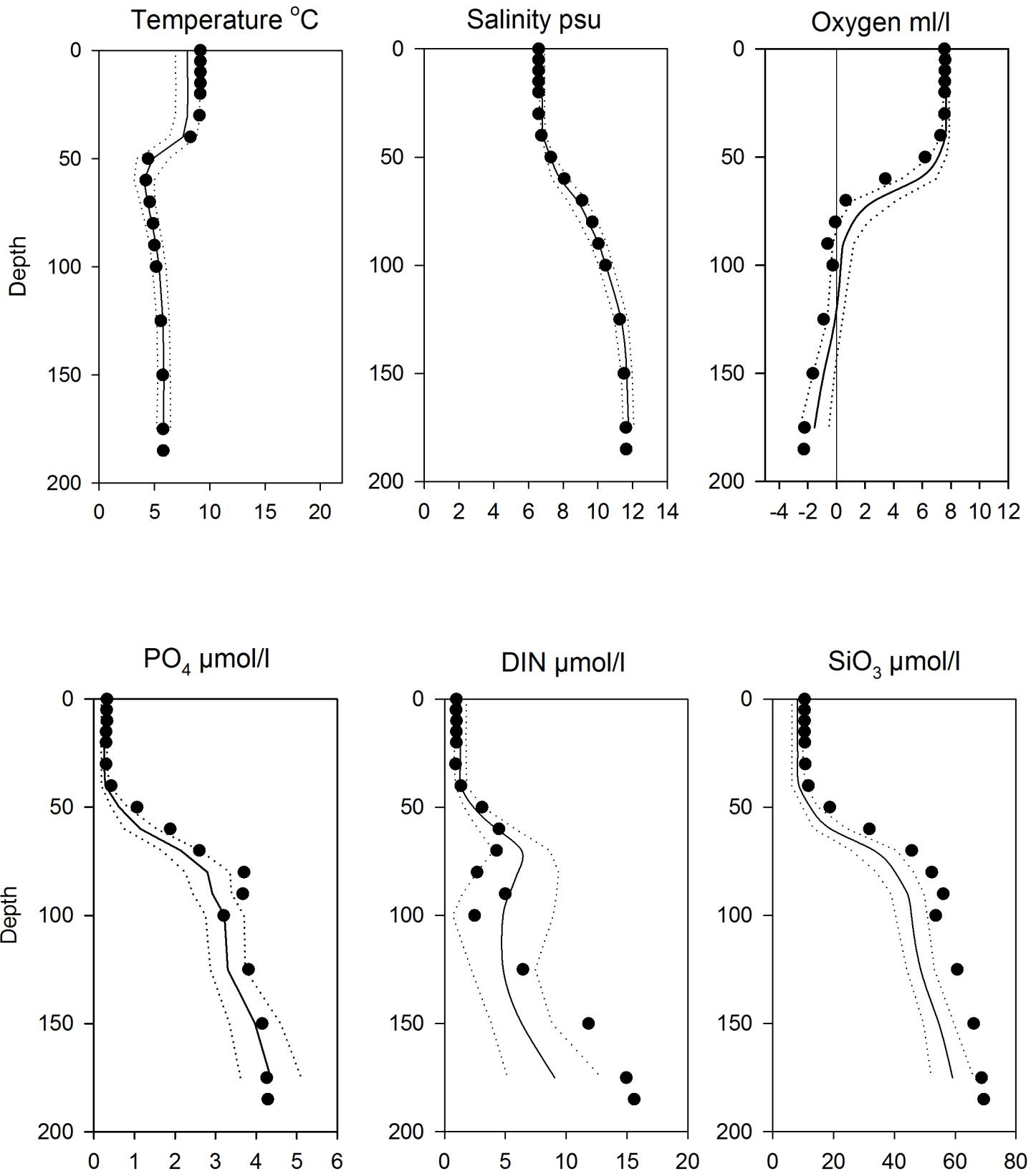
Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



Vertical profiles BY20 November

— Mean 1996-2010 St.Dev. ● 2014



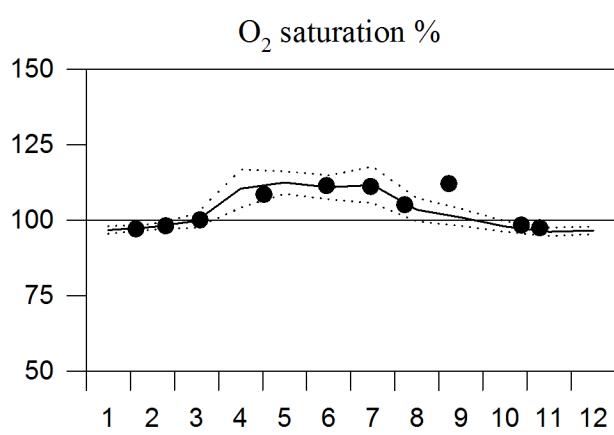
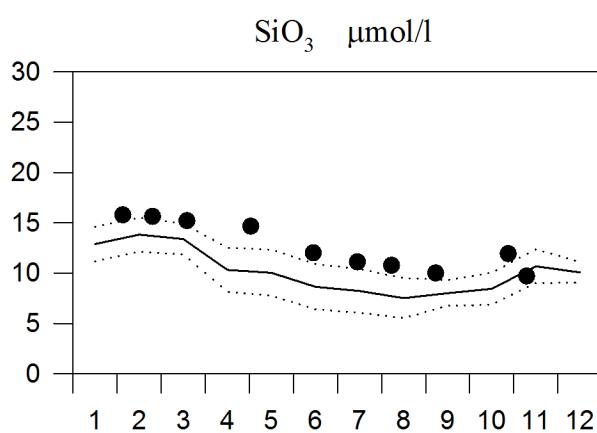
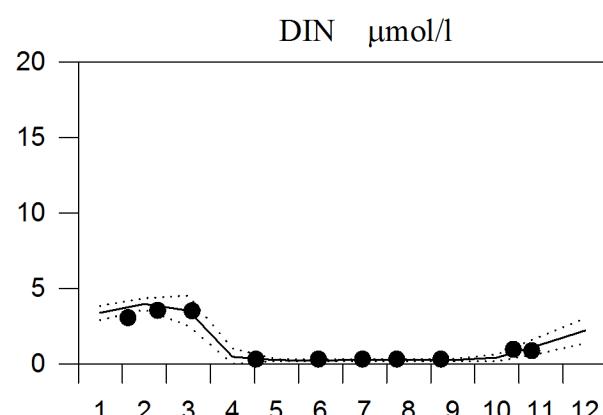
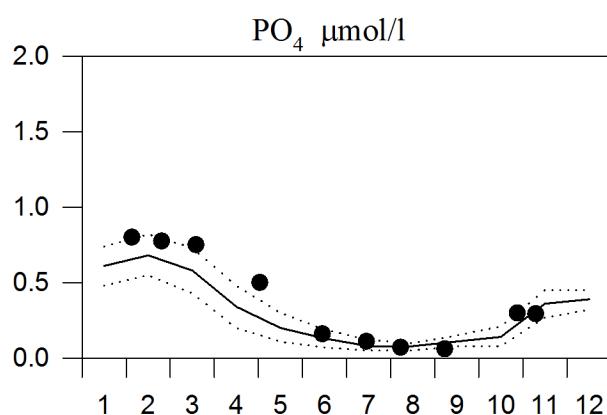
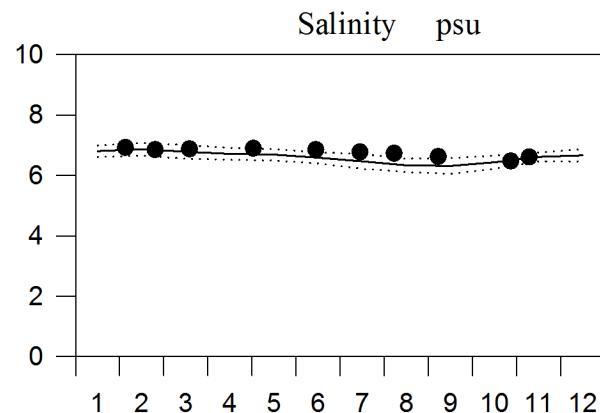
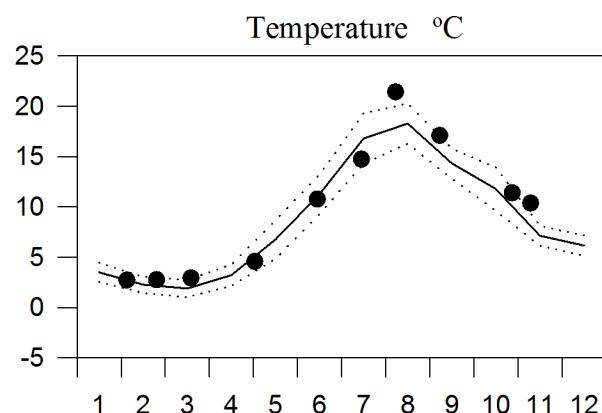
STATION BY32 SURFACE WATER

Annual Cycles

— Mean 1996-2010

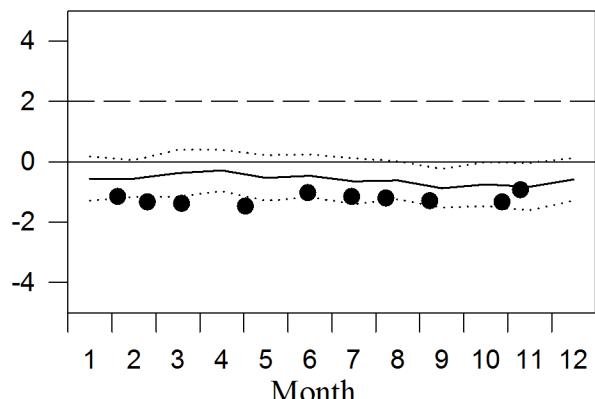
..... St.Dev.

● 2014

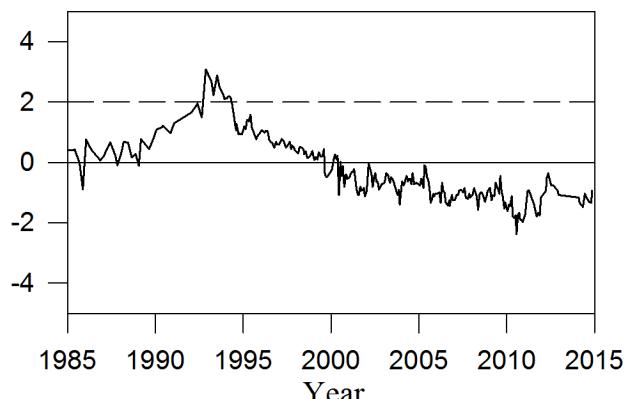


OXYGEN IN BOTTOM WATER (depth > 175m)

$\text{O}_2 \text{ ml/l}$

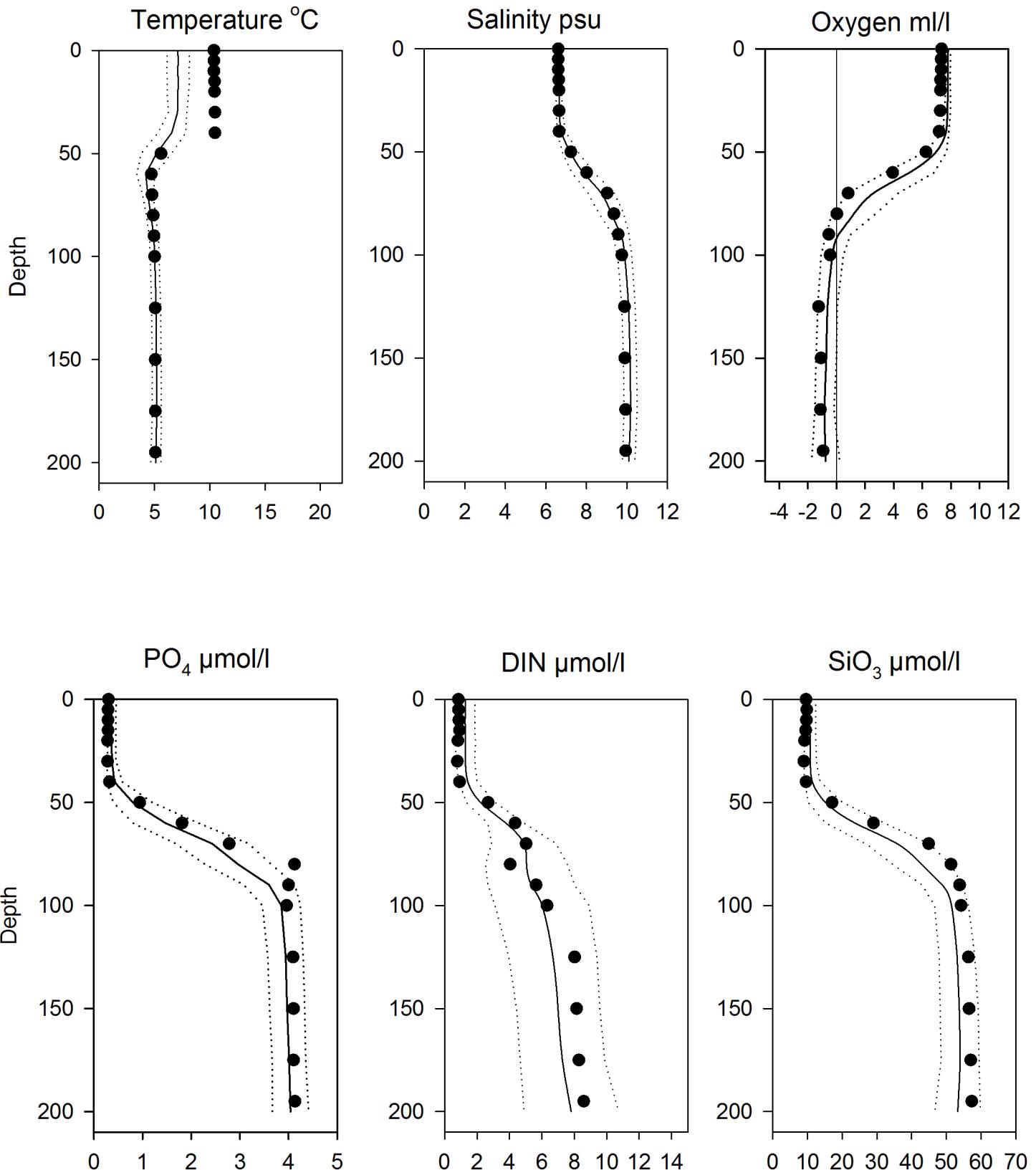


$\text{O}_2 \text{ ml/l}$



Vertical profiles BY32 November

— Mean 1996-2010 St.Dev. ● 2014



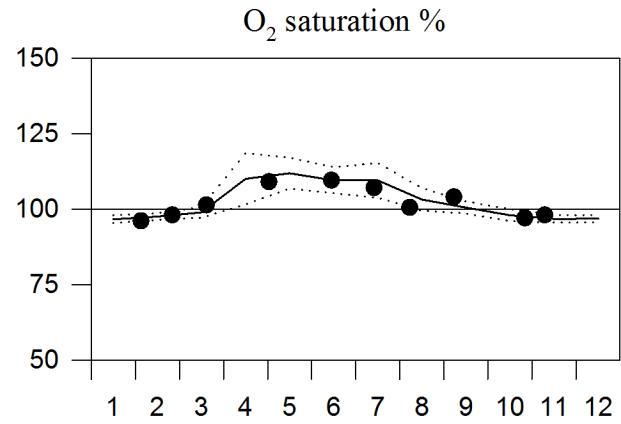
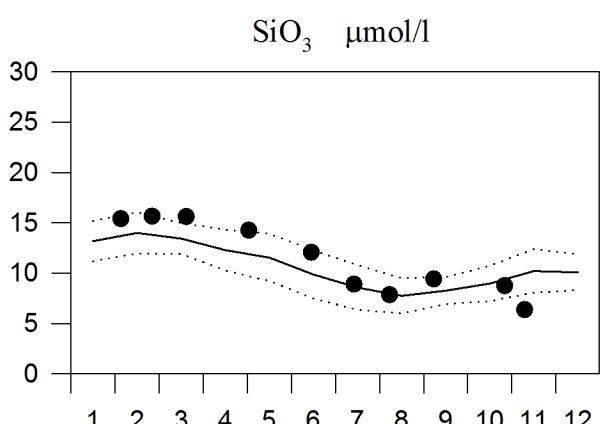
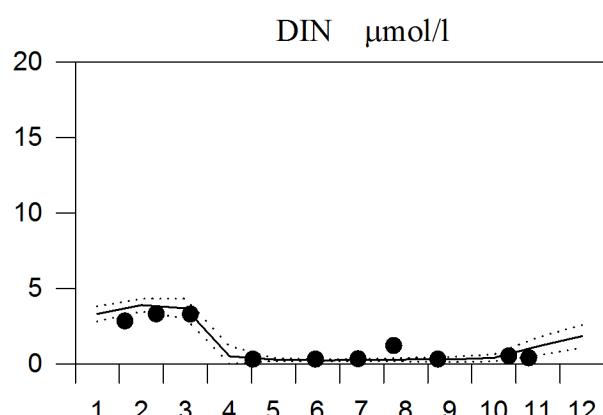
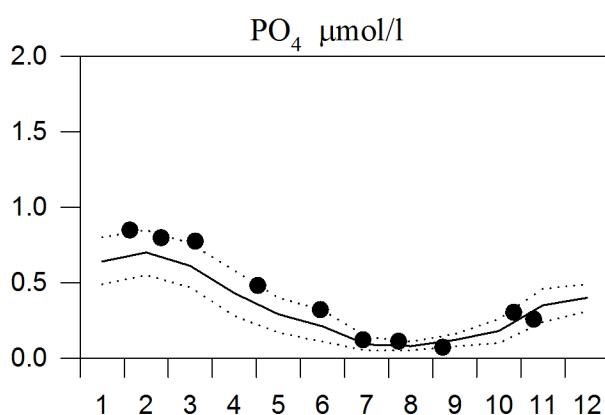
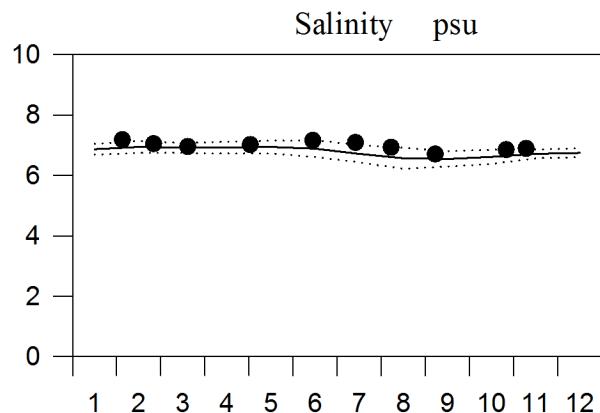
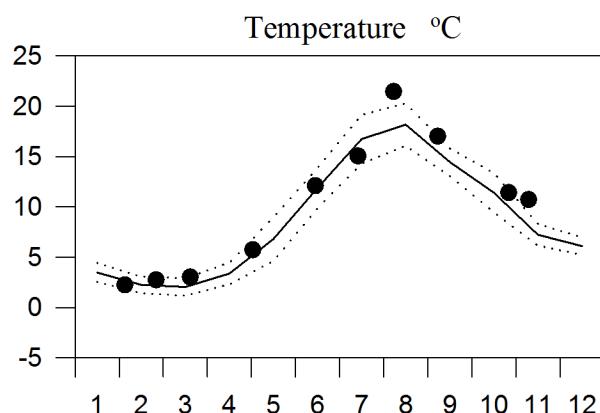
STATION BY38 SURFACE WATER

Annual Cycles

— Mean 1996-2010

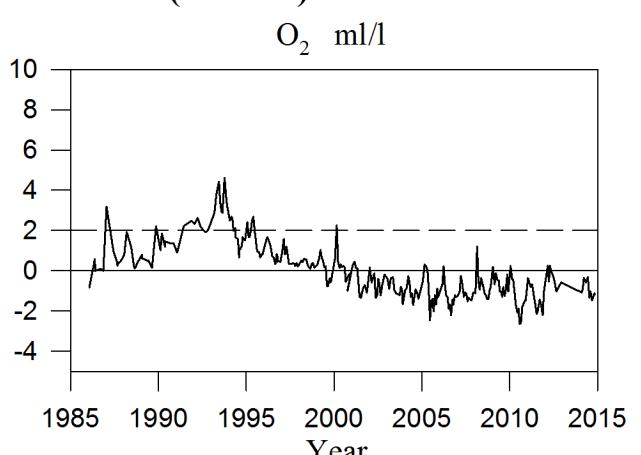
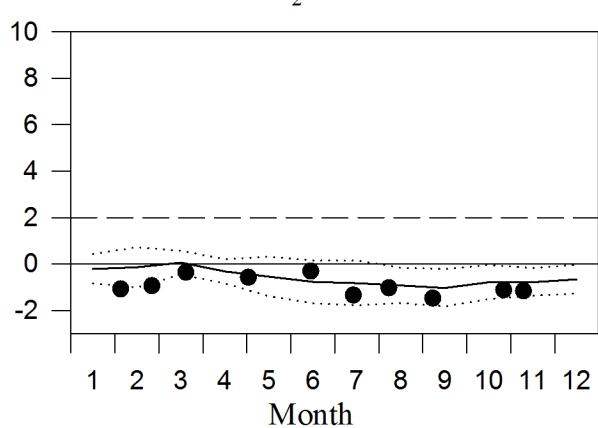
..... St.Dev.

● 2014



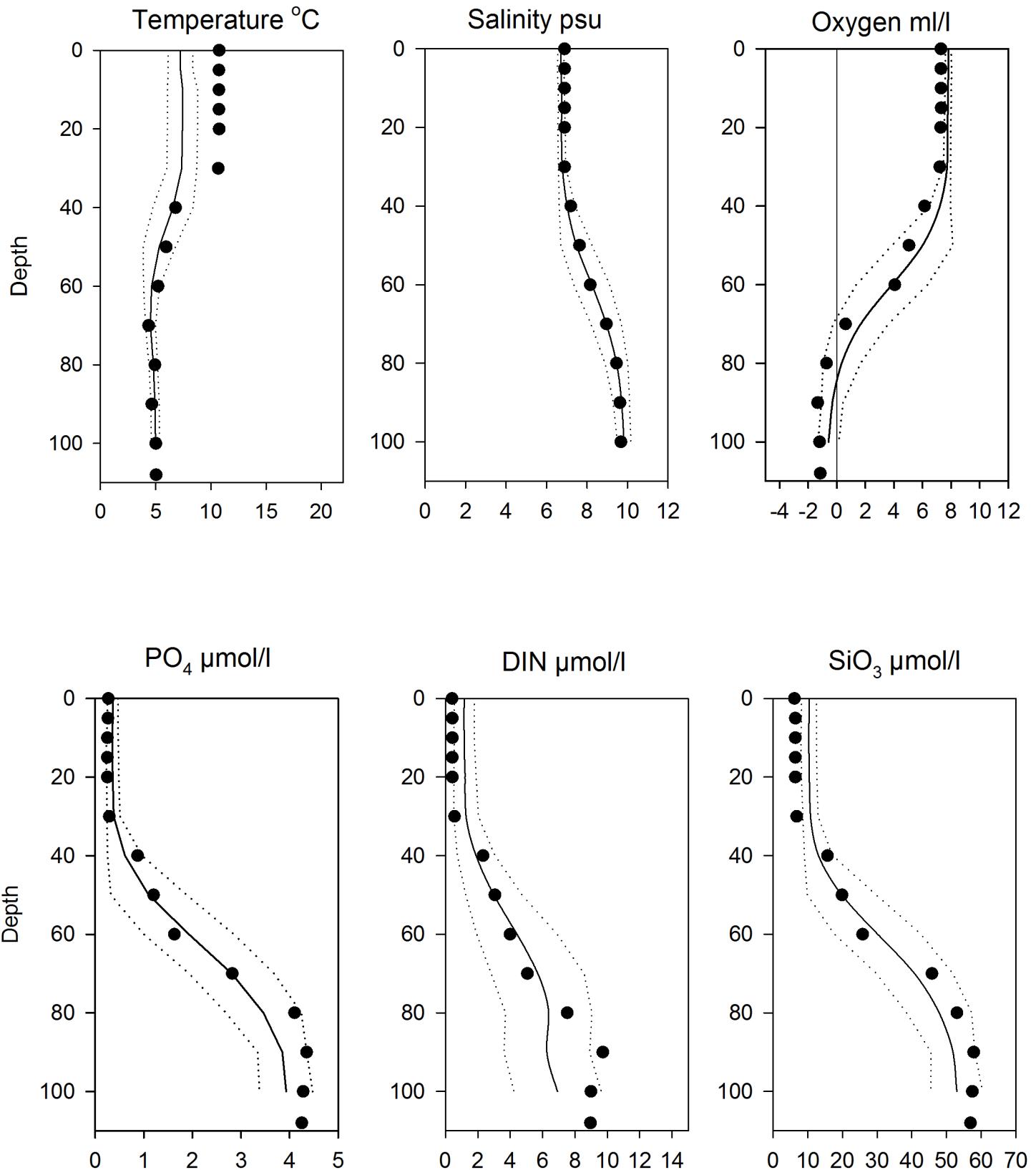
OXYGEN IN BOTTOM WATER (> 100m)

$\text{O}_2 \text{ ml/l}$



Vertical profiles BY38 November

— Mean 1996-2010 St.Dev. ● 2014



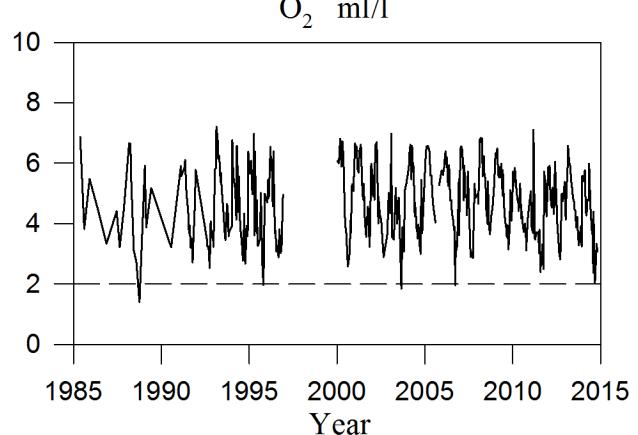
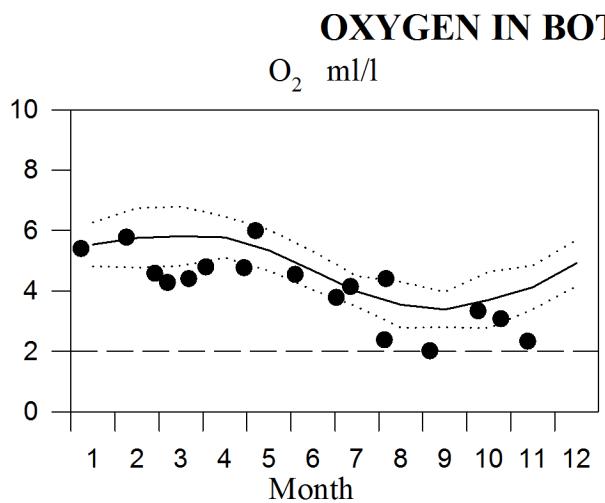
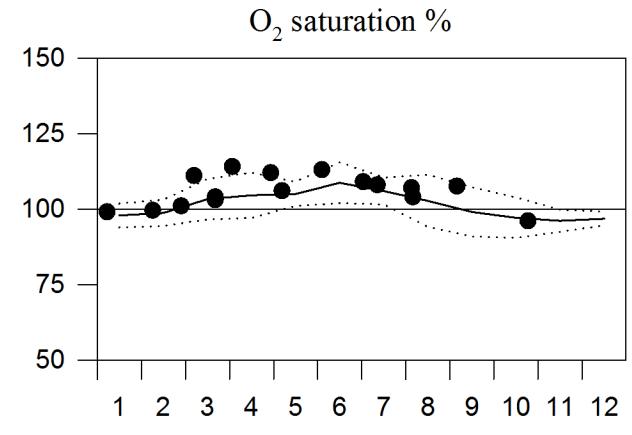
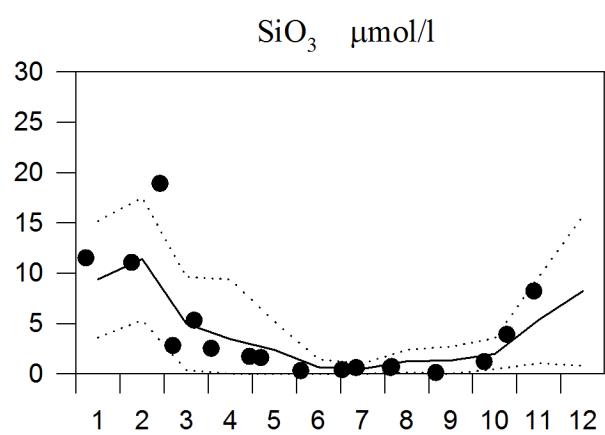
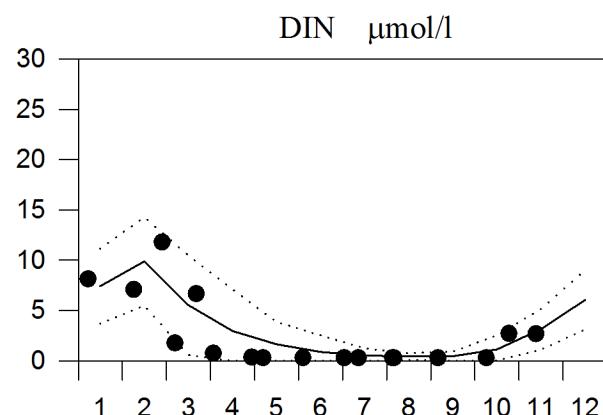
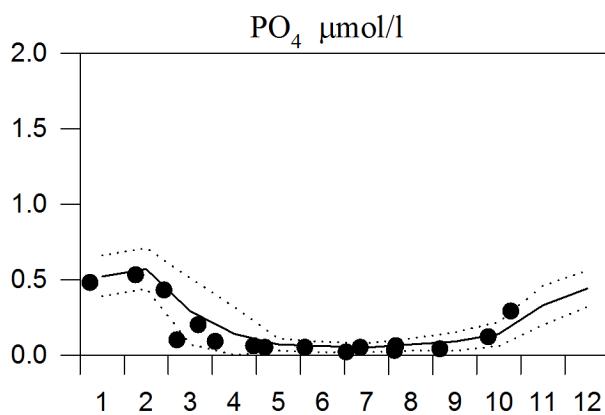
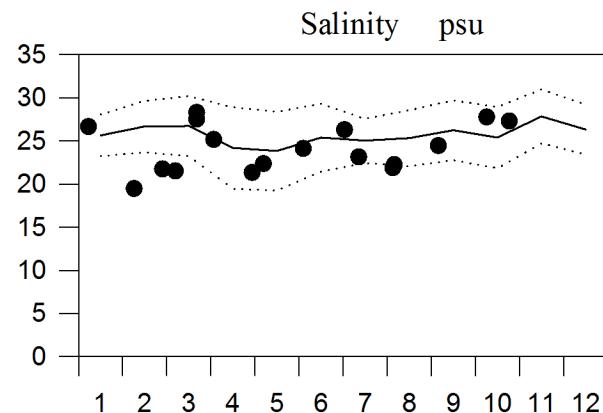
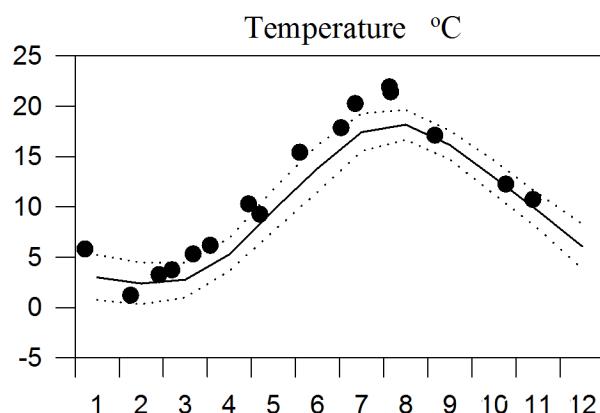
STATION SLÄGGÖ SURFACE WATER

Annual Cycles

— Mean 1996-2010

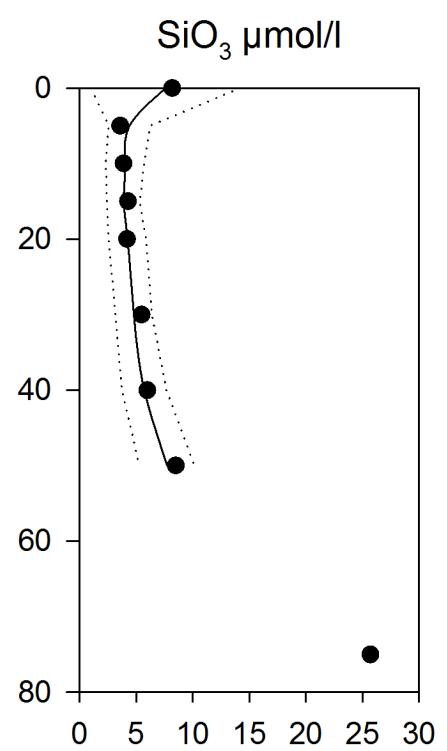
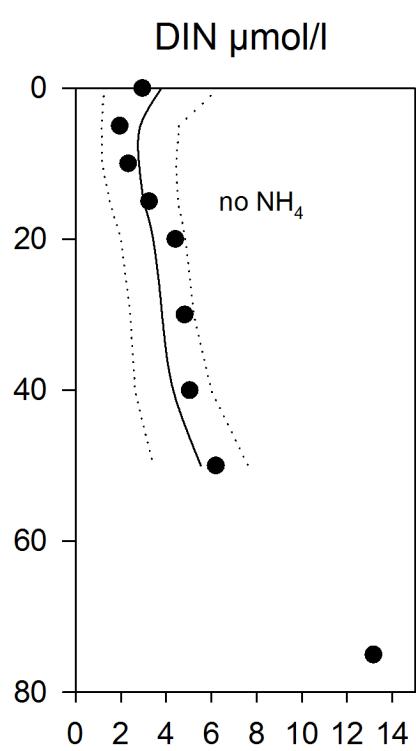
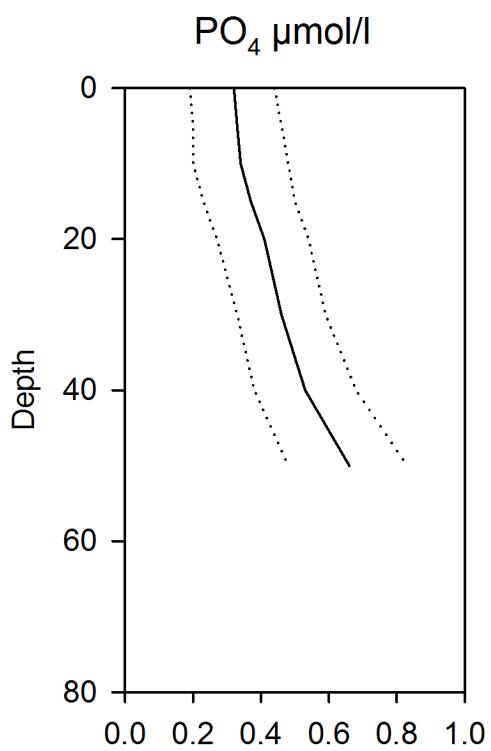
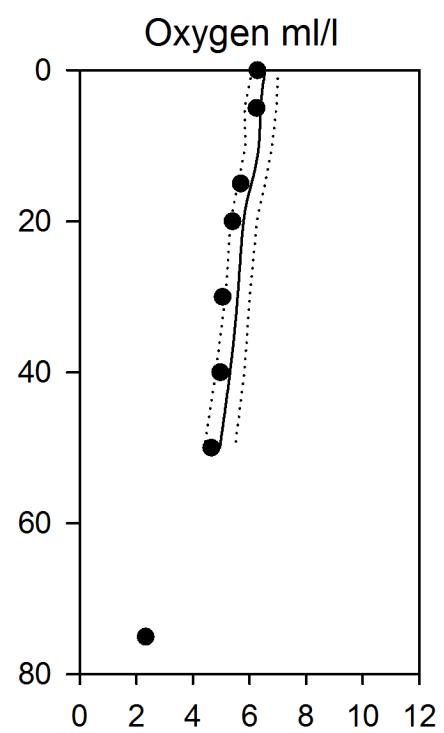
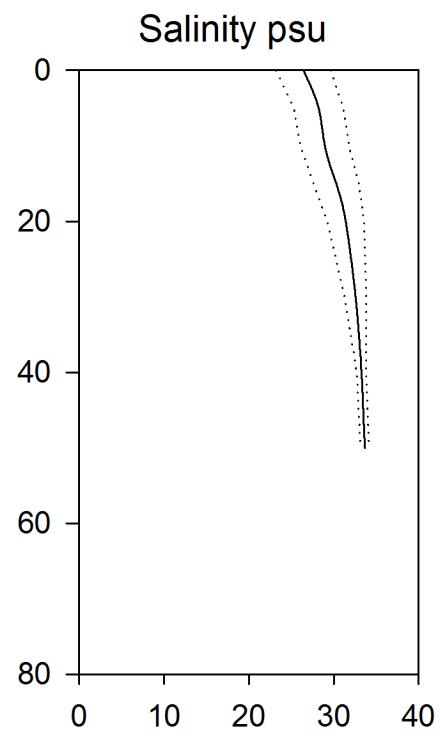
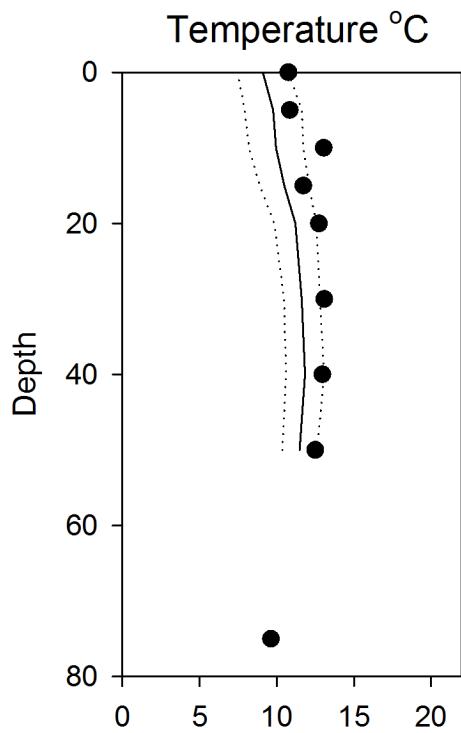
..... St.Dev.

● 2014



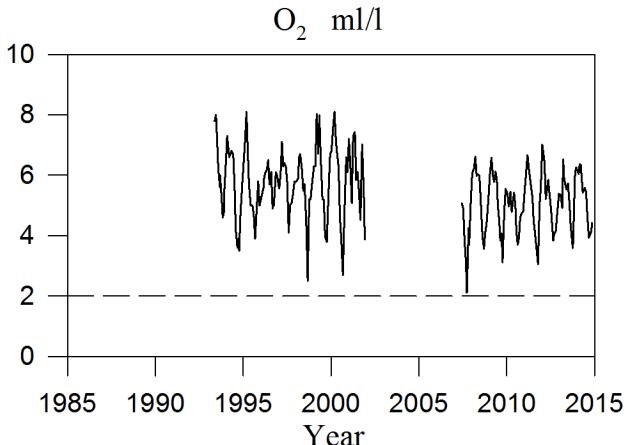
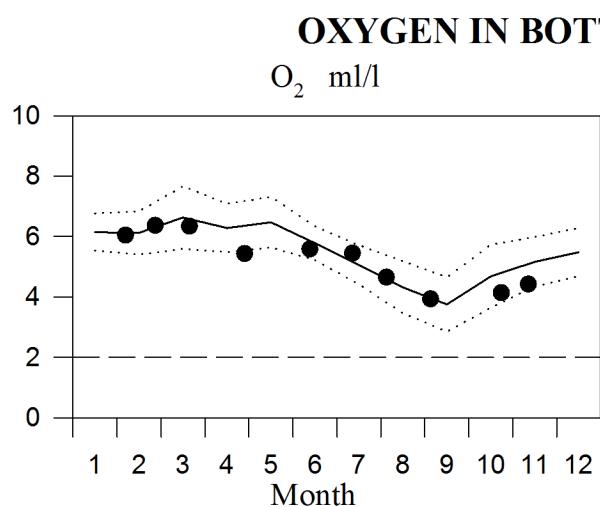
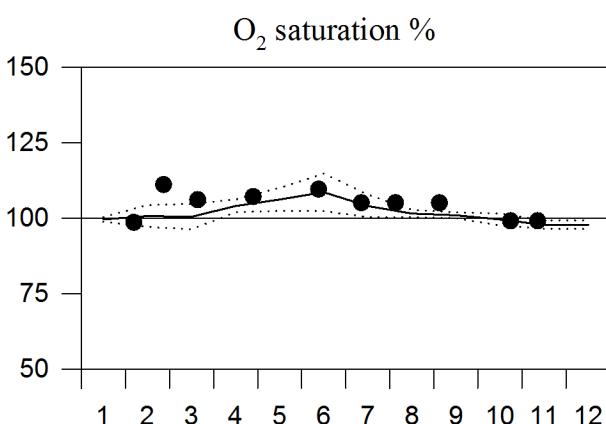
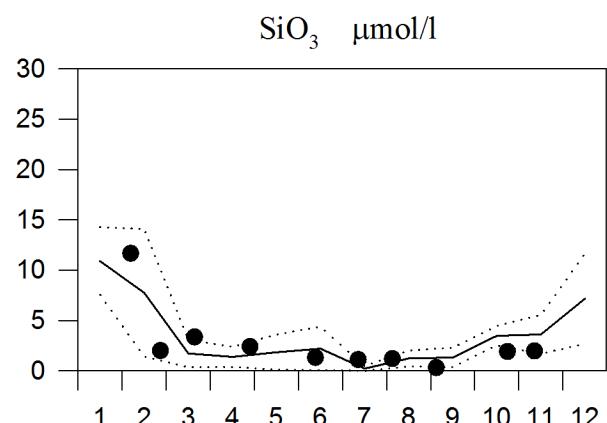
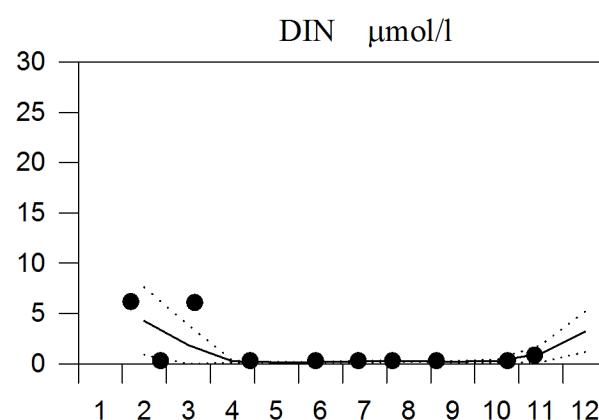
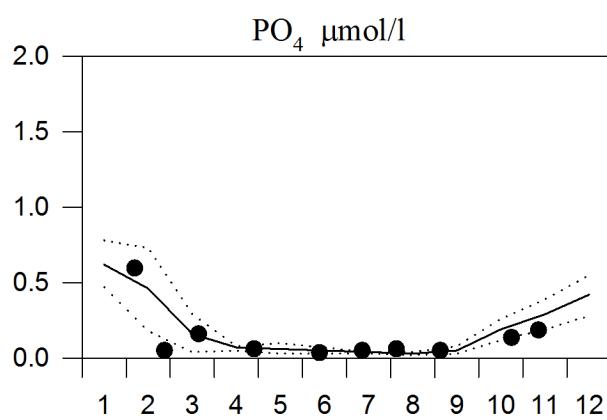
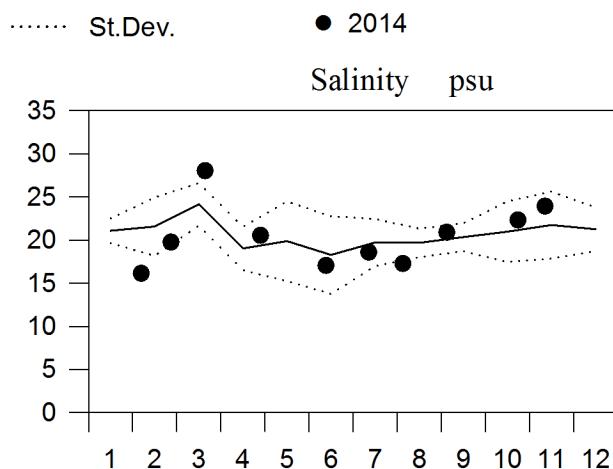
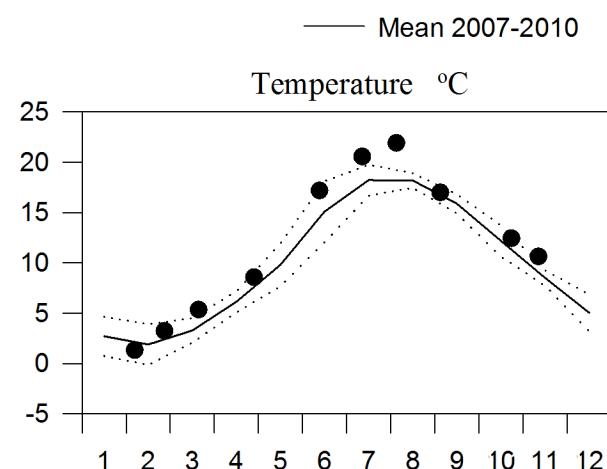
Vertical profiles Släggö November

— Mean 1996-2010 St.Dev. ● 2014



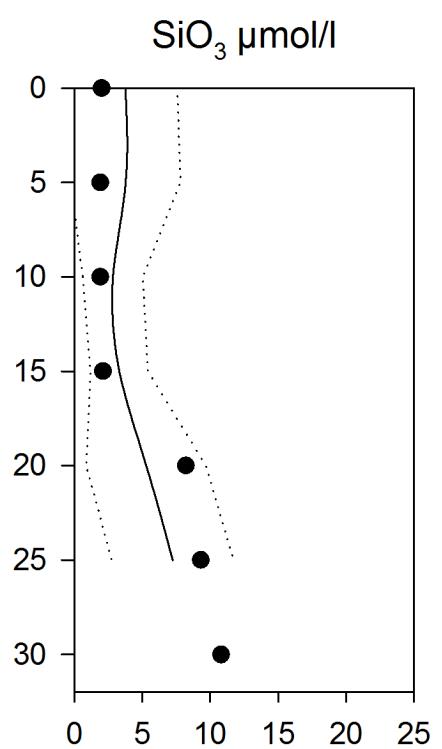
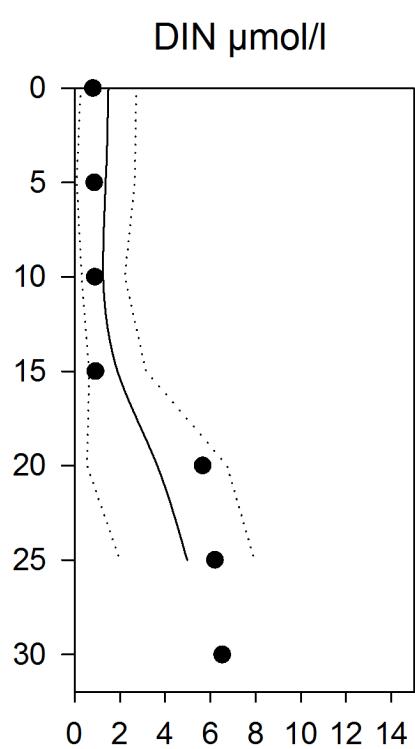
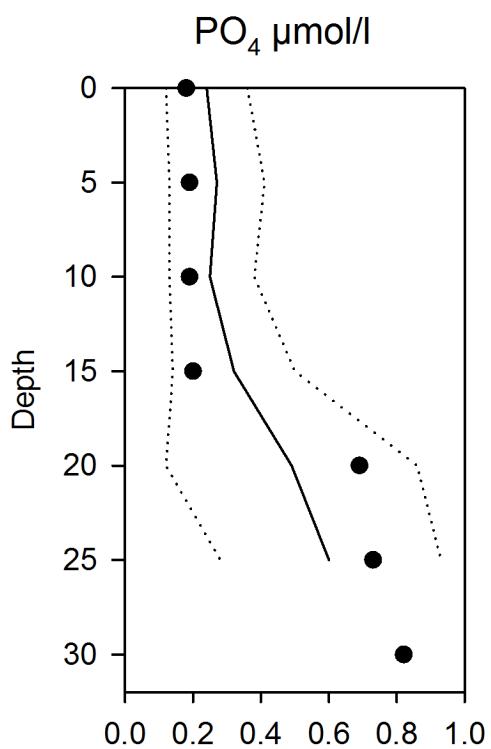
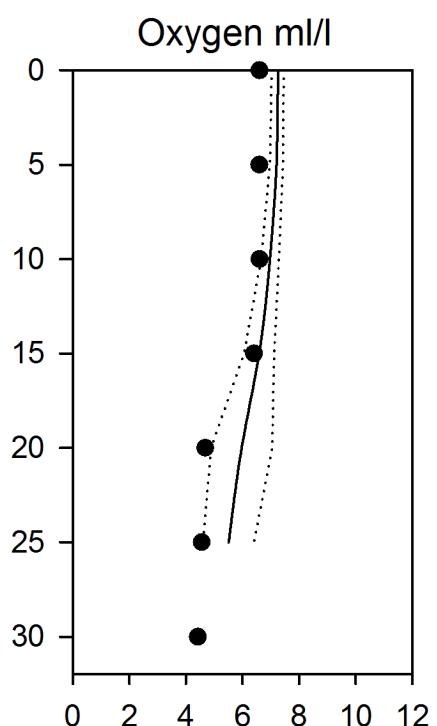
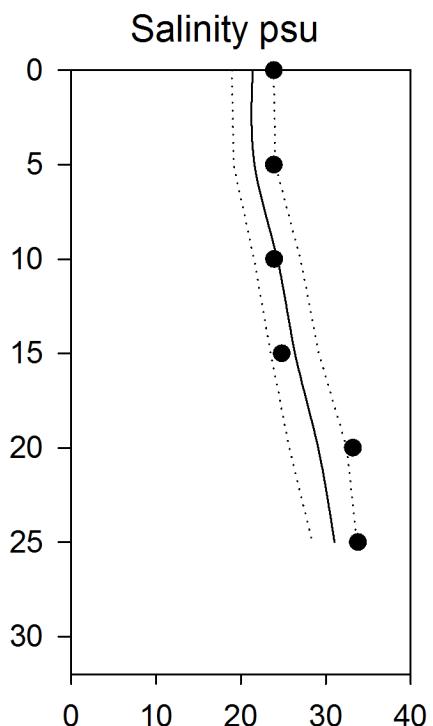
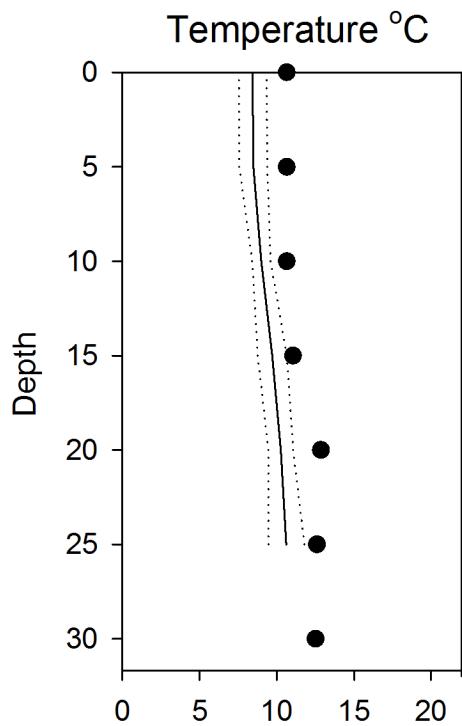
STATION N14 Falkenberg SURFACE WATER

Annual Cycles



Vertical profiles N14 Falkenberg November

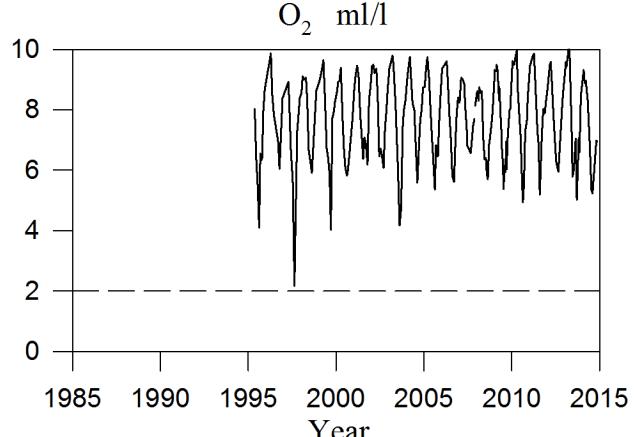
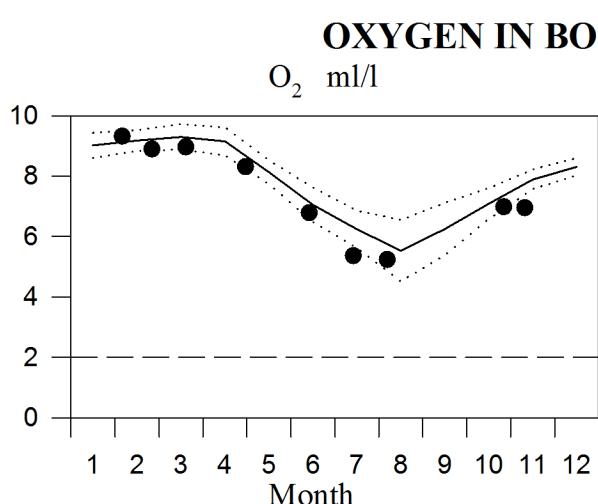
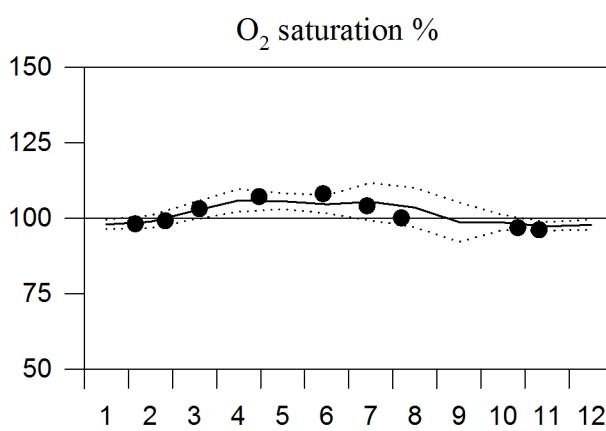
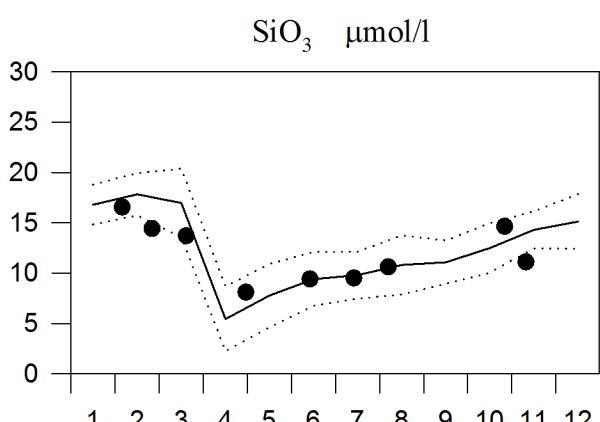
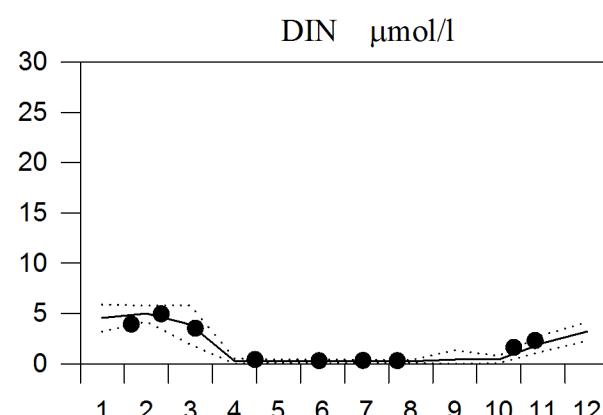
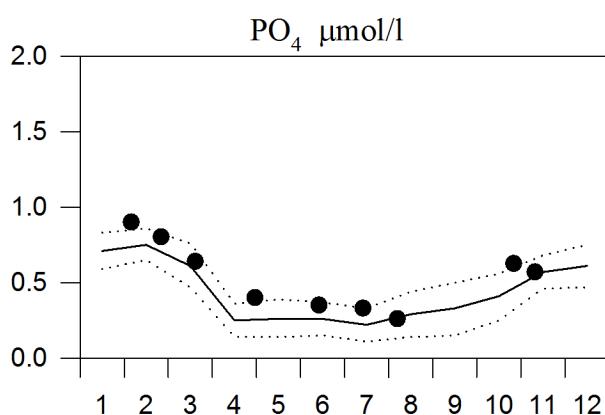
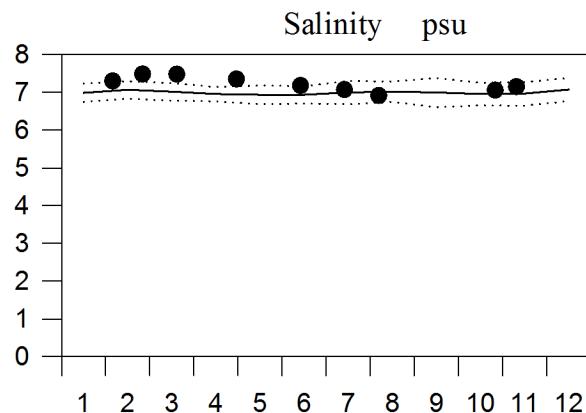
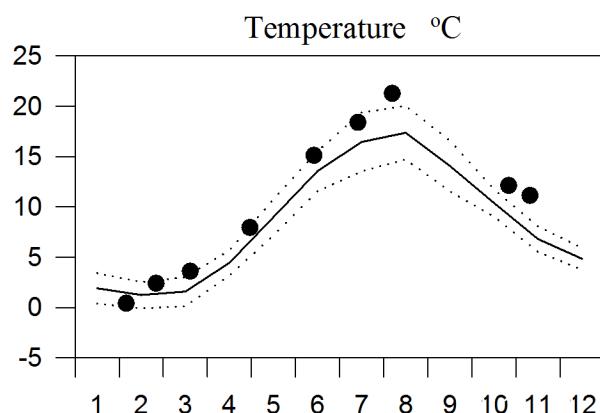
— Mean 1996-2010 St.Dev. ● 2014



STATION REF M1V1 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



Vertical profiles Ref M1V1 November

— Mean 1996-2010 St.Dev. ● 2014

