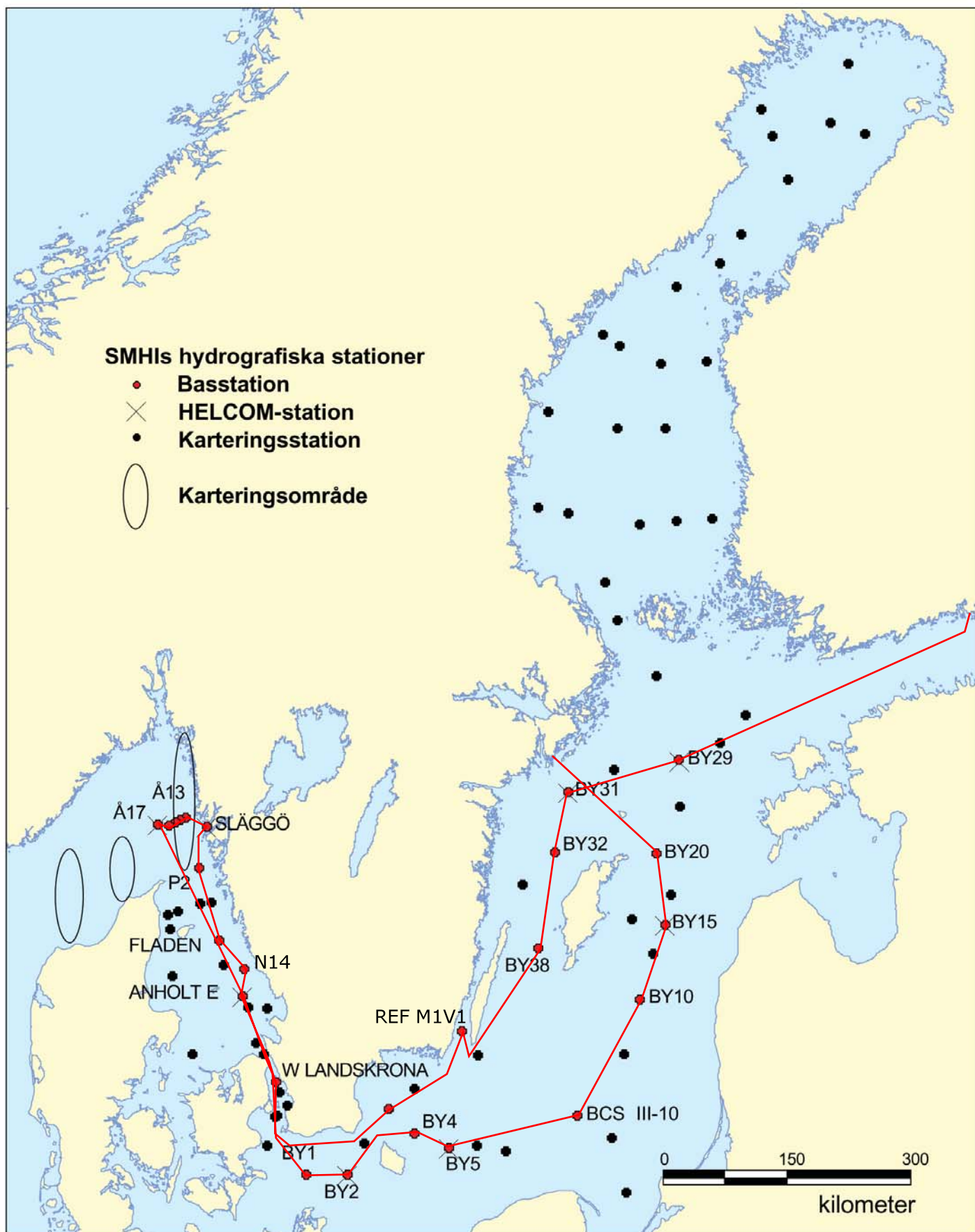


TRACKCHART

Country: Sweden
 Ship: R/V ARANDA
 Date: 20140317-20140324
 Series: 0146-0173



SMHI
Ocean enh

Hydrographic
series

Ship: 01-Aranda
Year: 2014

Date: 2014-03-26
Time: 17:32

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 tu	C t d	PPCPZZT Hrhhhoor Cilyooa motPBw PrP l	No de	T e m p	S e a h y	P o o l y	H o o S	P o o 4	T o o t	N 2	N 3	N 4	N t k	A t o m	S h o u n g	L i u i n g	P 0	P 0	T 0	C 0		
0146	GFX00EXT		CTD-TEST FINSKA VIKEN	N5949.88	E2420.90	20140317	1340	50		08 9	-1.4	992	1230	x	-----	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x
0147	BPNX35BAS		BY29	N5853	E2019	20140318	0310	174		28 5	2.0	999	9999	x	--x----	16	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0148	BPNX37BAS		BY31 LANDSORTSDJ	N5835	E1814	20140318	1115	451	10	20 8	2.9	998	2830	x	-xxxx--	23	x	x	x	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0149	BPWX38BAS		BY32 NORRKÖPINGS DJ	N5801	E1759	20140318	1755	201		27 5	3.6	997	6990	x	--x----	17	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0150	BPWX45BAS		BY38 KARLSÖDJ	N5707	E1740	20140319	0040	110		03 6	2.8	1000	9990	x	--x----	14	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0151	BPWK01BAS		REF M1V1	N5622.25	E1612.1	20140319	1035	21	5	24 10	6.4	1003	2830	x	-xxxx--	5	x	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0152	BPSH05BAS		HANÖBUKTEN	N5537	E1452	20140319	1920	80		24 12	5.8	1004	9990	x	--x----	11	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0153	SOCX39BAS		W LANDSKRONA	N5552.0	E1245.0	20140320	0900	52	5	22 8	7.6	1009	1630	x	--x----	9	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	
0154	KAEX29BAS		ANHOLT E	N5640.0	E1207.0	20140320	1450	63	5	21 13	9.4	1004	1140	x	-xxxx--	10	x	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0155	KANX50BAS		N14 FALKENBERG	N5656.40	E1212.70	20140320	1755	31		20 13	8.5	1002	2840	x	-xxxx--	7	x	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0156	KANX25BAS		FLADEN	N5711.5	E1140	20140320	2130	85		19 13	9.3	995	9990	x	--x----	12	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-
0157	SKEX23BAS		P2	N5752	E1118	20140321	0240	95		23 11	7.0	991	9990	x	--x----	10	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-
0158	FIBG27BAS		SLÄGGÖ	N5815.5	E1126.0	20140321	0600	74		25 12	6.1	991	1230	x	-xxxx--	9	x	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0159	SKEX14BAS		Å13	N5820.2	E1102	20140321	1300	113	6	23 12	6.1	995	1250	x	--x----	10	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-
0160	SKEX15BAS		Å14	N5819	E1056.5	20140321	1415	109		23 13	6.1	996	1350	x	-----	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0161	SKEX16BAS		Å15	N5817.7	E1051	20140321	1540	138		24 13	6.0	996	2750	x	--x----	12	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-
0162	SKEX17BAS		Å16	N5816	E1043.5	20140321	1700	203		24 14	5.9	997	1650	x	-----	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0163	SKEX18BAS		Å17	N5816.5	E1030.8	20140321	1820	348		25 13	5.3	997	1950	x	--xx--	14	x	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0164	KAEX29BAS		ANHOLT E	N5640.0	E1207.0	20140322	0630	64	9	19 10	4.9	1002	1140	x	-xxxx--	10	x	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-
0165	BPSA02BAS		BY1	N5500	E1318	20140322	2125	46		17 7	5.8	999	9990	x	--x----	8	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-
0166	BPSA03BAS		BY2 ARKONA	N5500	E1405	20140322	2300	47		22 6	6.0	999	9990	x	--xxx--	8	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	x
0167	BPSB06BAS		BY4 CHRISTIANSÖ	N5523	E1520	20140323	0520	92		25 5	3.9	1000	1330	x	--x----	12	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-
0168	BPSB07BAS		BY5 BORNHOLMS DJ	N5515	E1559	20140323	0830	91		23 6	4.2	1002	1330	x	-xxxx--	12	x	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0169	BPSE11BAS		BCS III-10	N5533.3	E1824	20140323	1945	90		24 4	2.5	1006	6930	x	--x----	12	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	x
0170	BPEX13BAS		BY10	N5638	E1935	20140324	0150	143		24 2	2.0	1007	4990	x	--x----	15	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	x
0171	BPEX21BAS		BY15 GOTLANDSDJ	N5720	E2003	20140324	0645	239		32 1	1.1	1008	4920	x	-xxxx--	19	x	x	x	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	x
0172	BPEX21EXT		BY15 GOTLANDSDJ	N5720	E2003	20140324	0820	239		32 1	1.1	1008	4920	x	-----	5	x	x	-	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	x

Date: 2014-03-26
Time: 17:32

Ser no	Stat code	P r o j	Station-----	Lat-----	Lon-----	Date yyyymmdd	Time hhmm utc	Bottom depth m	Secchi depth m	Wind di ve	Air temp C	Air pres hPa	WCSI elec t	C PPCPZT	No de	T S a l	P h x	O 2	H 2	P 4	T N	N N	N T	A S	H L	P P	T O	C C			
0173	BPEX26BAS	BY20	FÅRÖDJ	N5800	E1953	20140324	1245	197	11	01 3	3.1	1008	1420	x	--x----	17	x	x	-	x	x	x	x	x	x	-	x	-	-	-	x

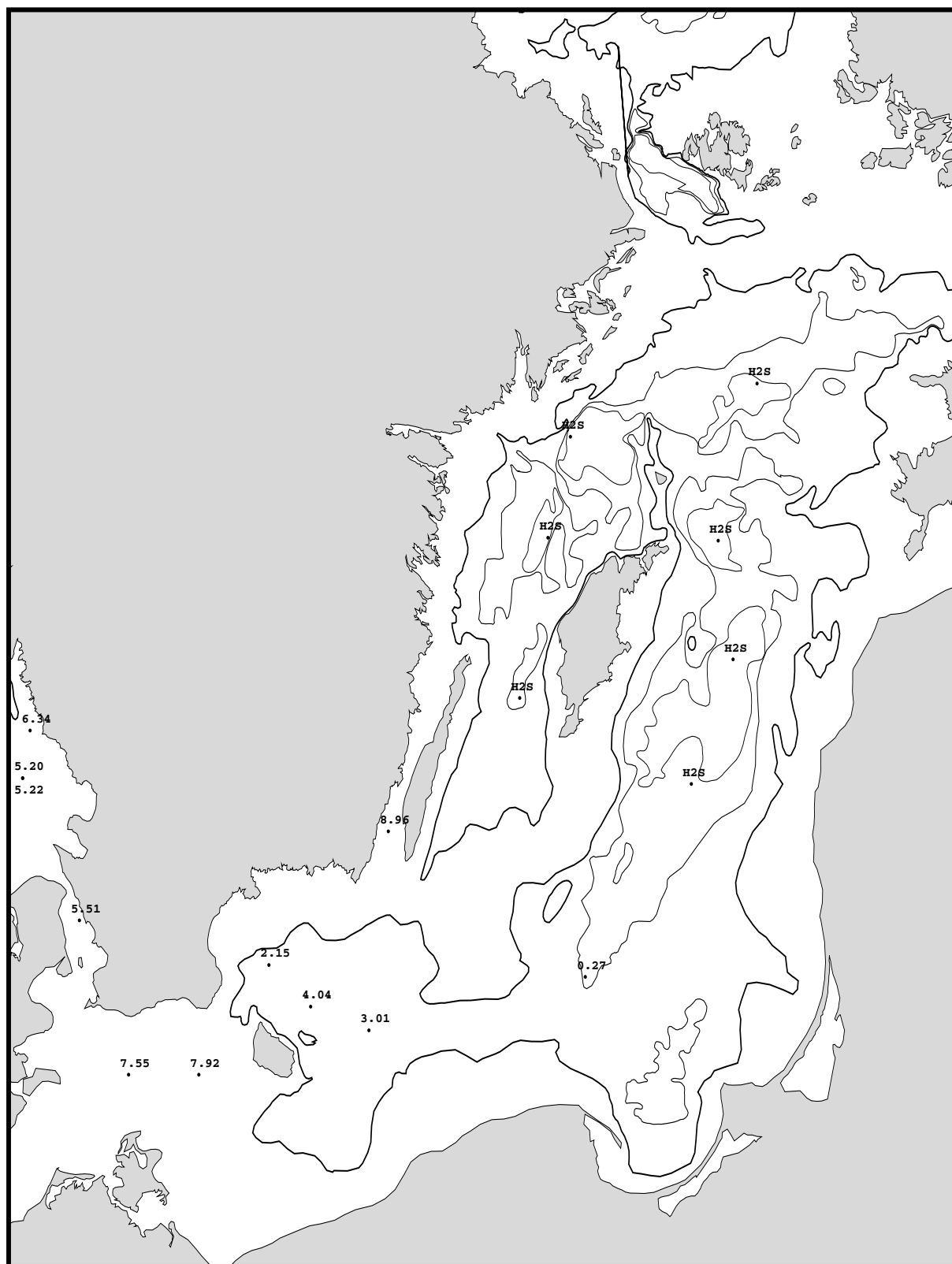
Bottom water oxygen concentration (ml/l)

Country: Finland

Ship : Aranda

Date : 20140317-20140324

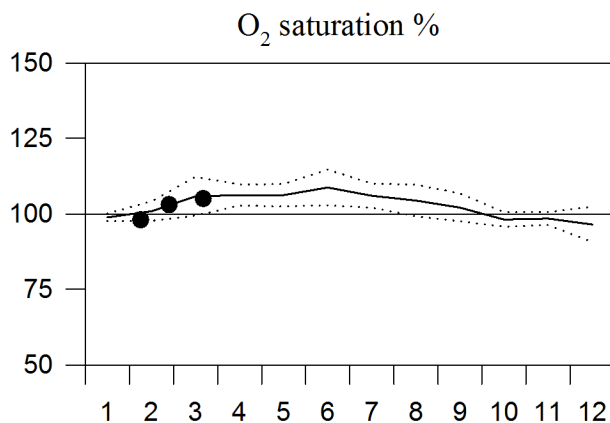
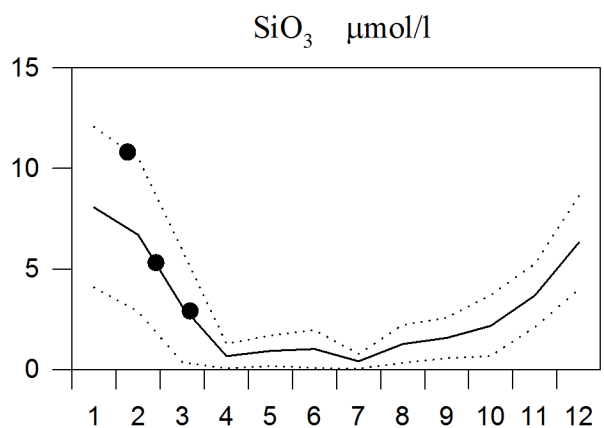
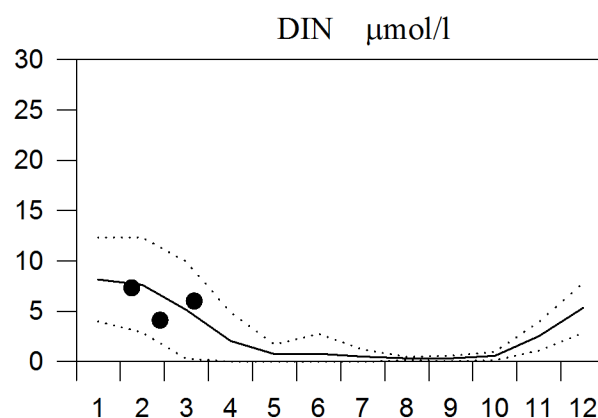
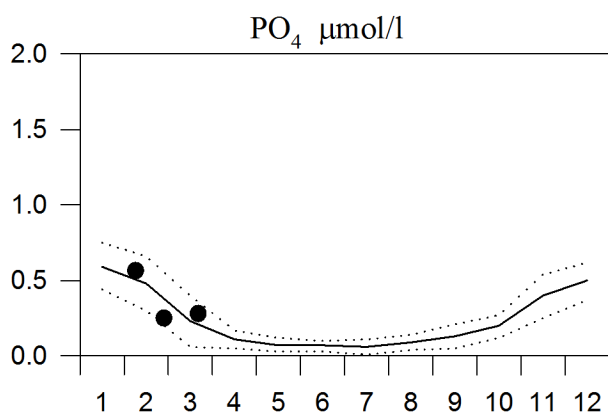
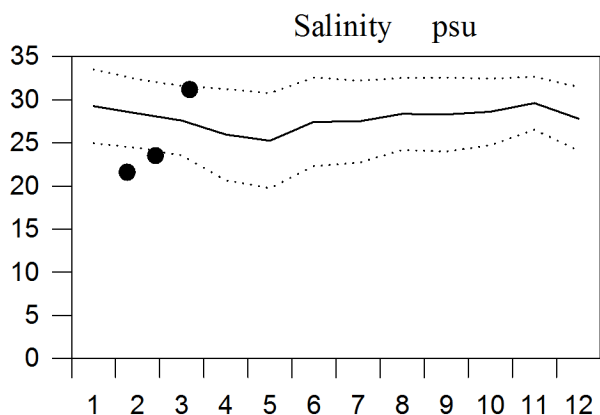
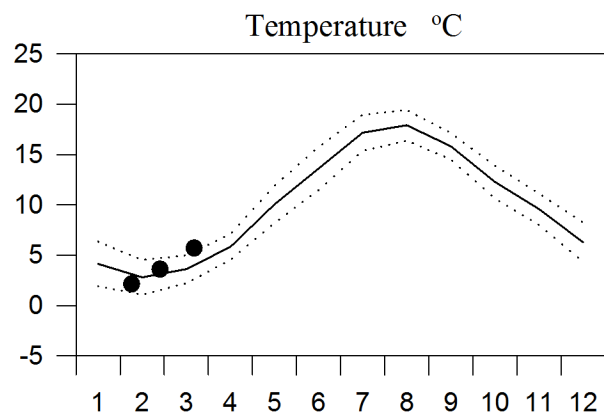
Series : 0146-0173



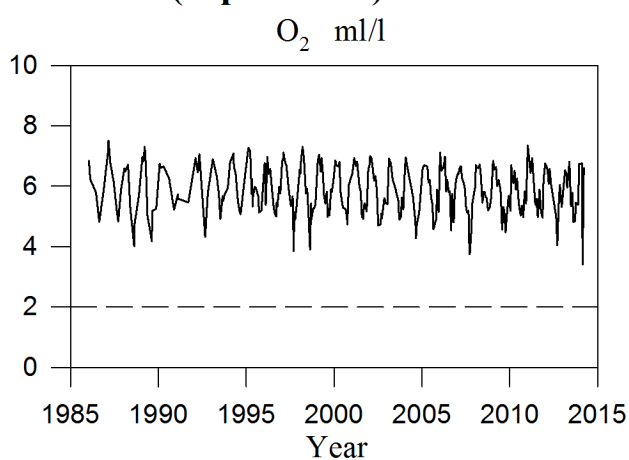
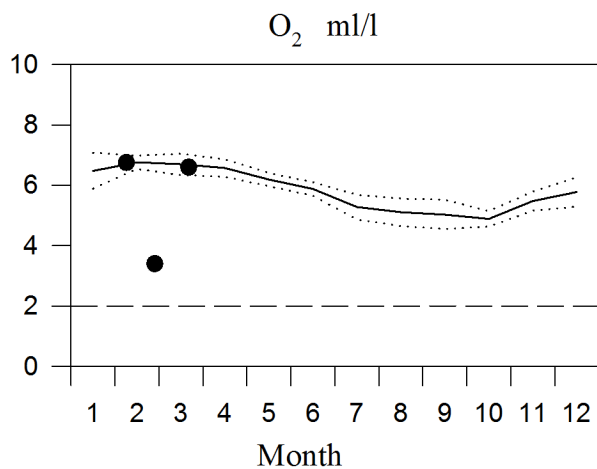
STATION P2 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



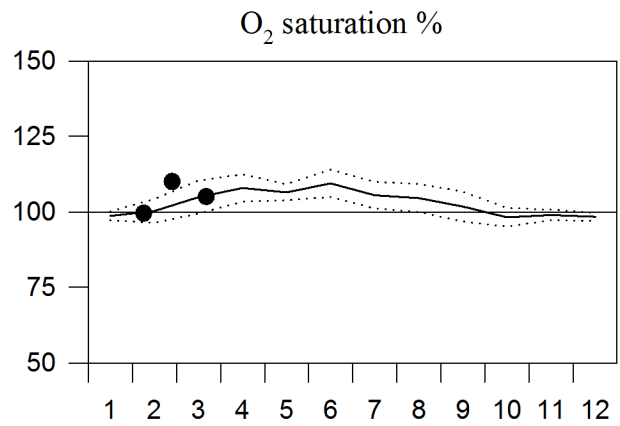
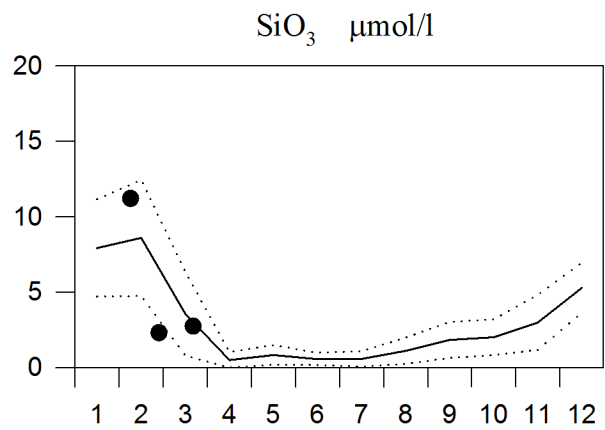
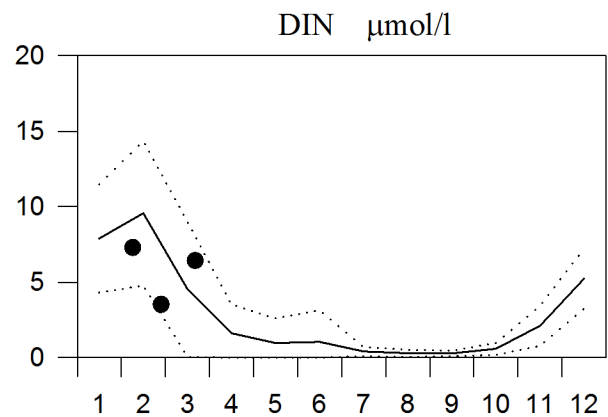
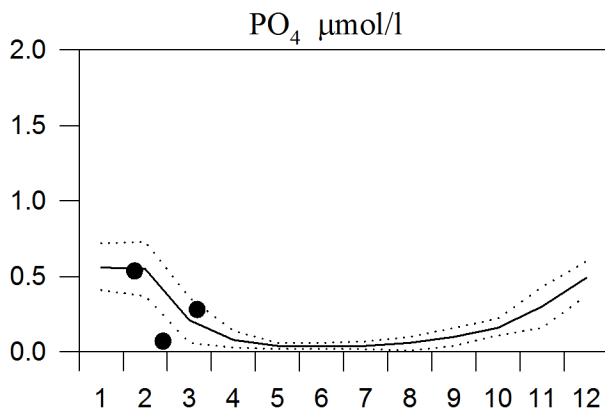
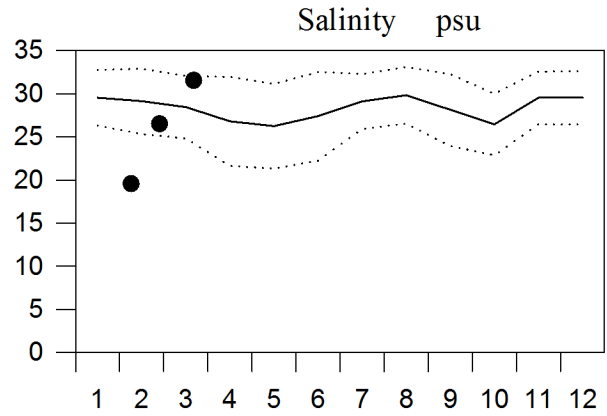
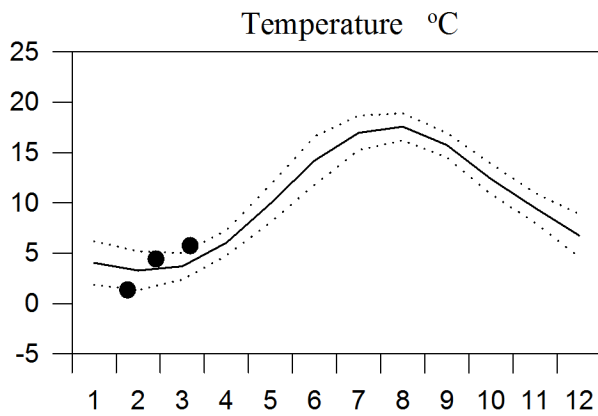
OXYGEN IN BOTTOM WATER (depth >75m)



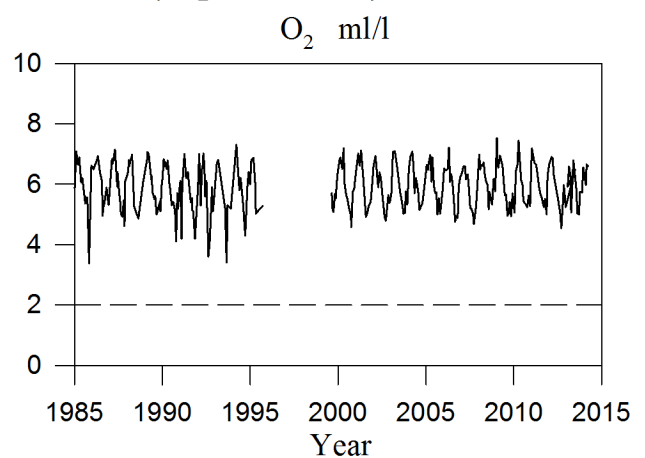
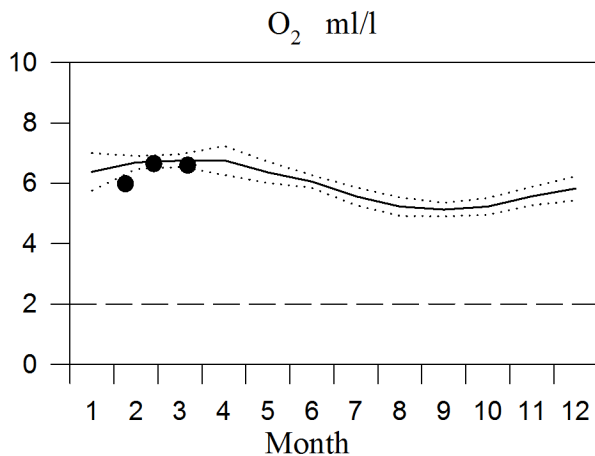
STATION Å13 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



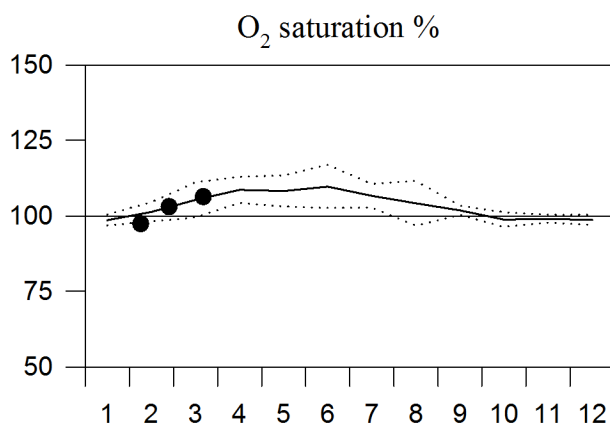
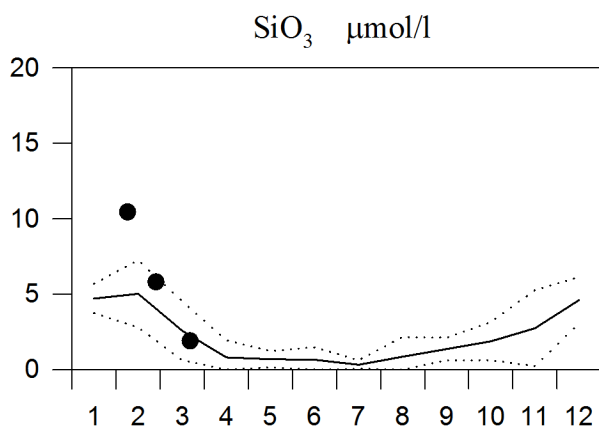
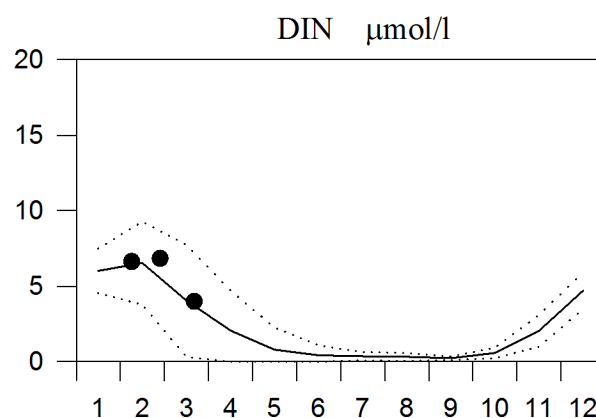
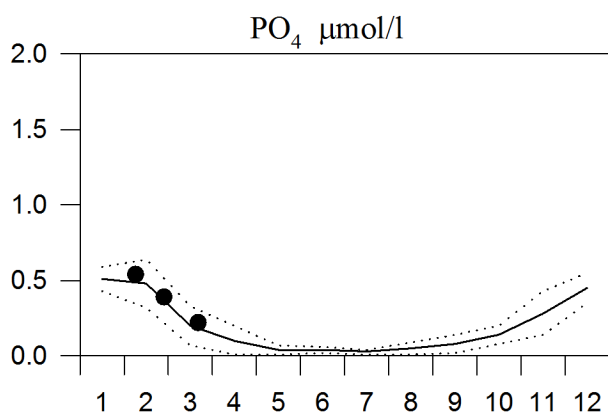
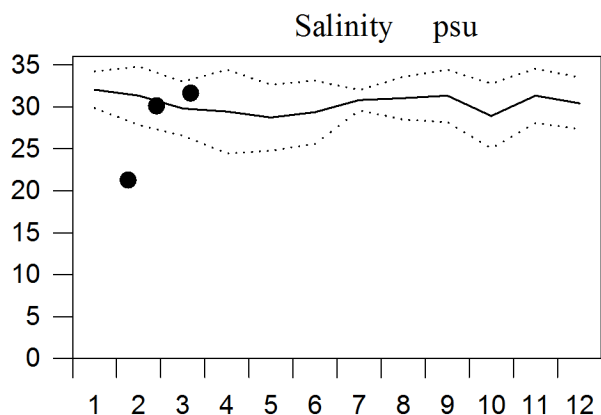
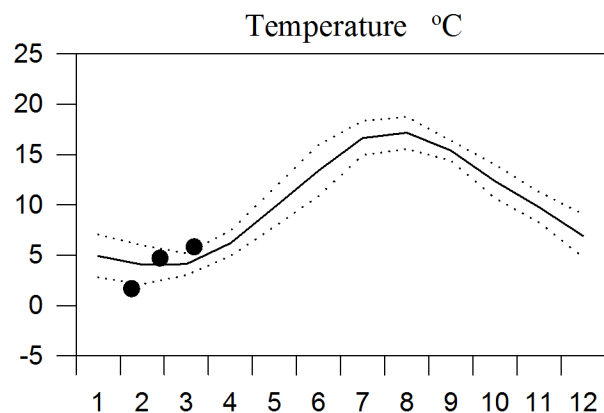
OXYGEN IN BOTTOM WATER (depth >=75m)



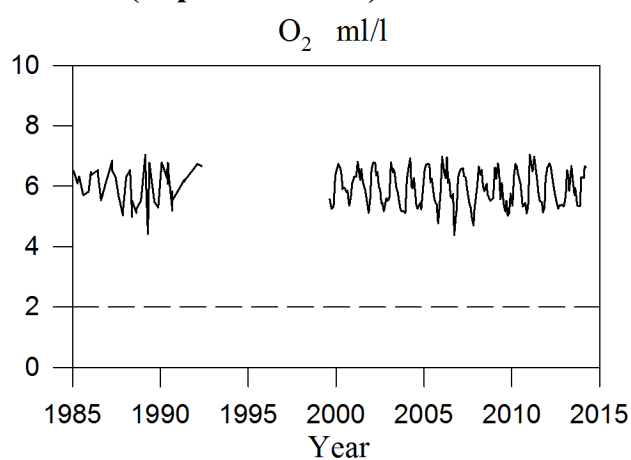
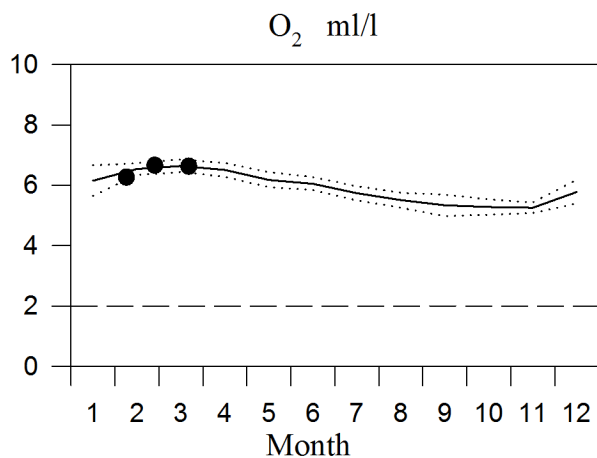
STATION Å15 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



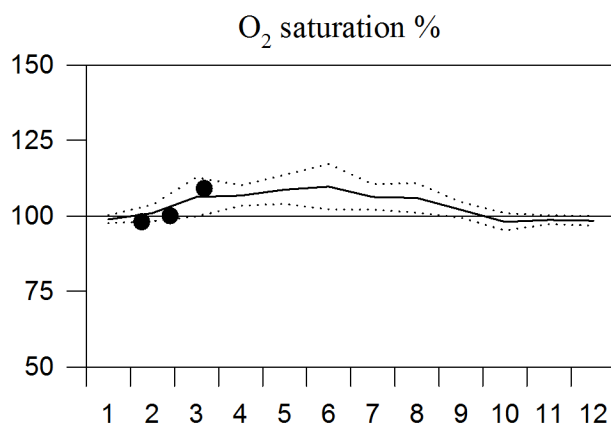
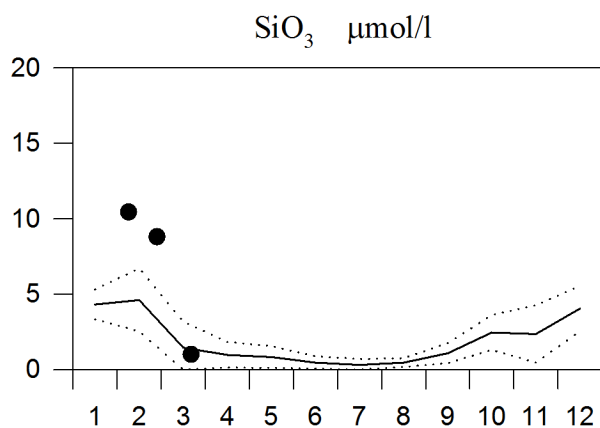
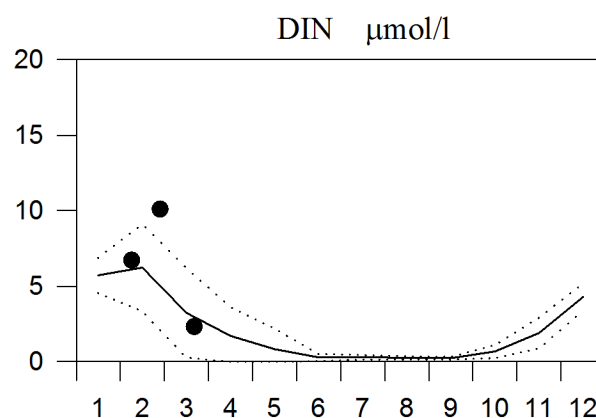
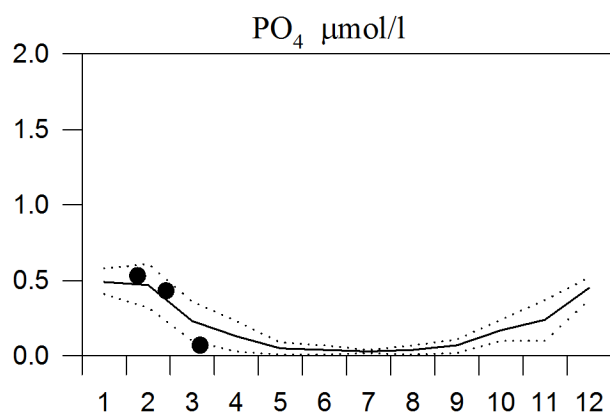
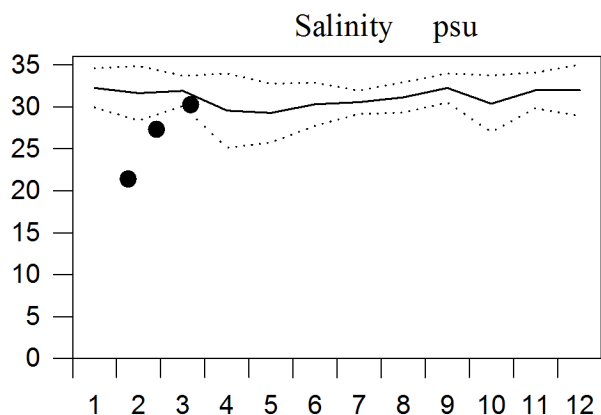
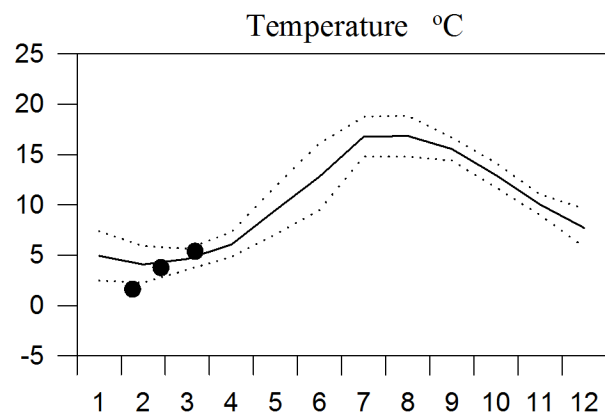
OXYGEN IN BOTTOM WATER (depth >=125m)



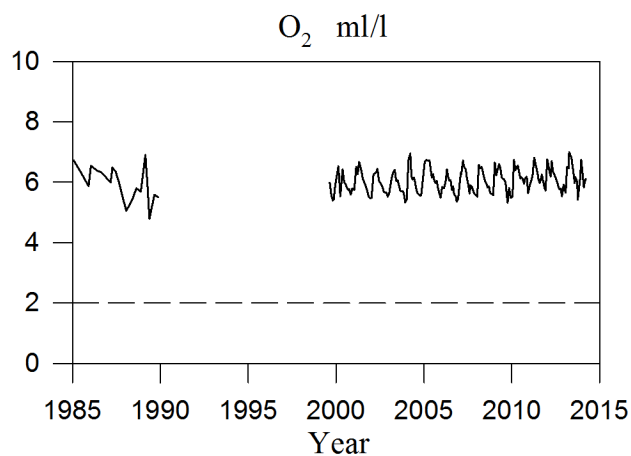
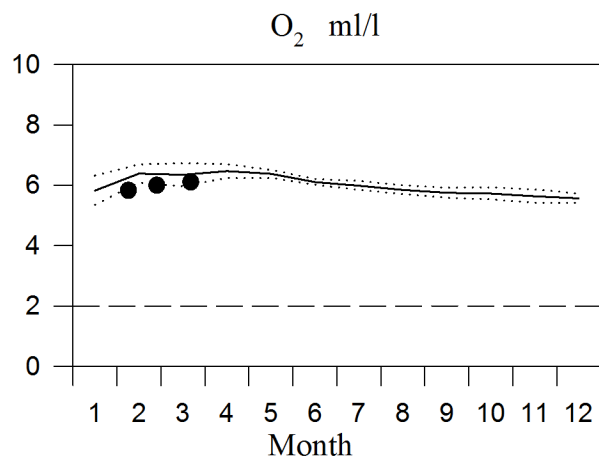
STATION Å17 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



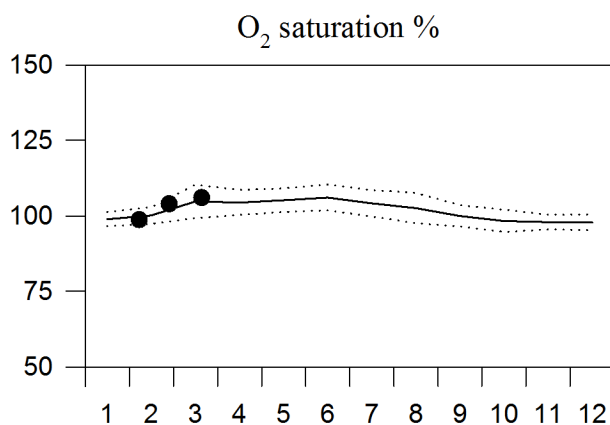
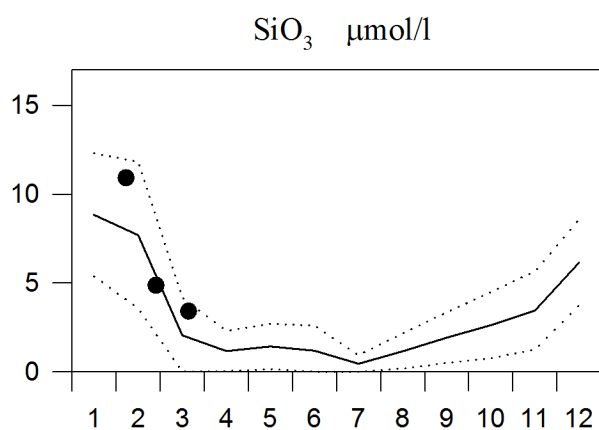
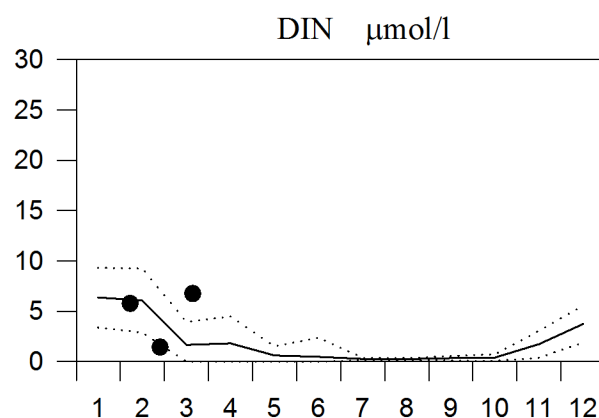
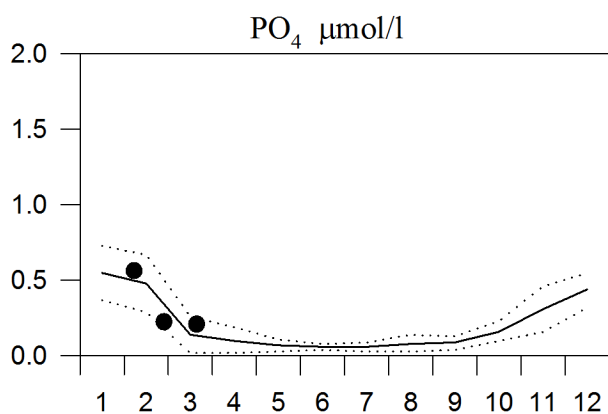
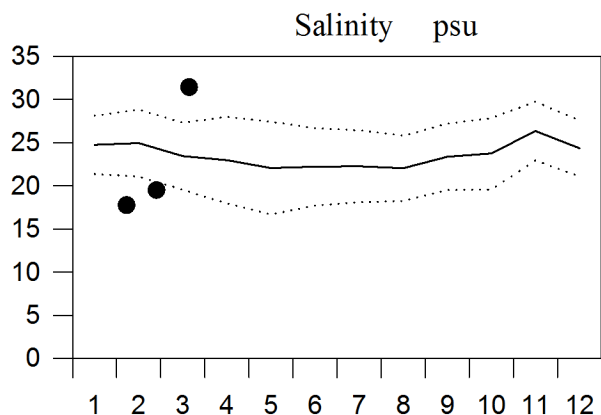
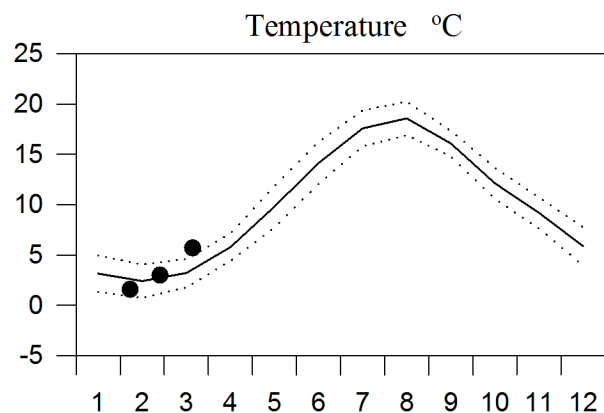
OXYGEN IN BOTTOM WATER (depth = 300m)



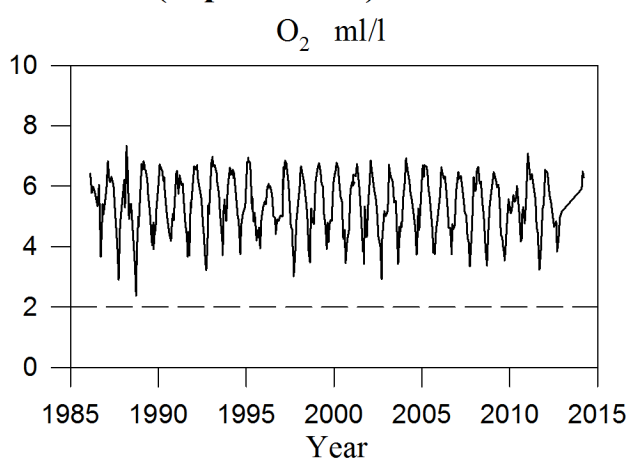
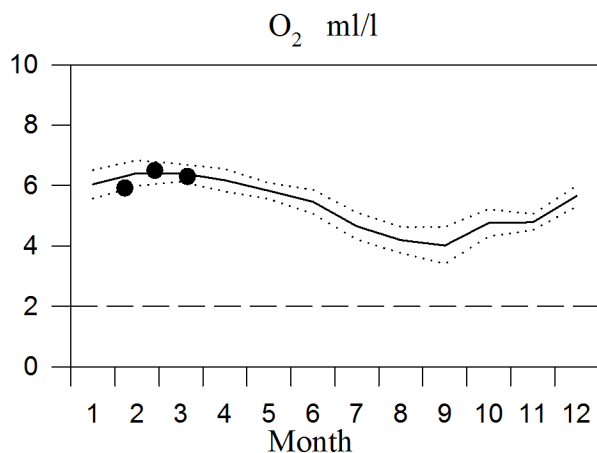
STATION FLADEN SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



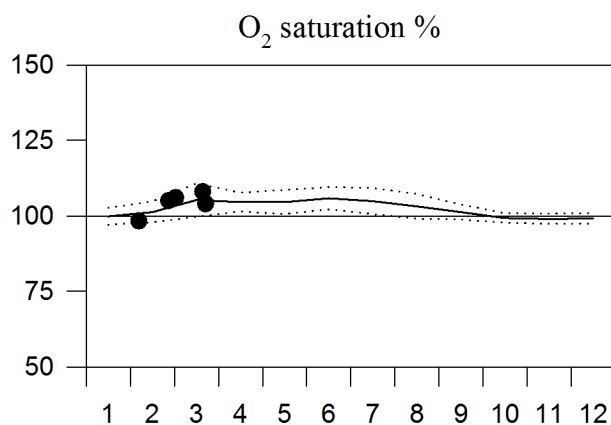
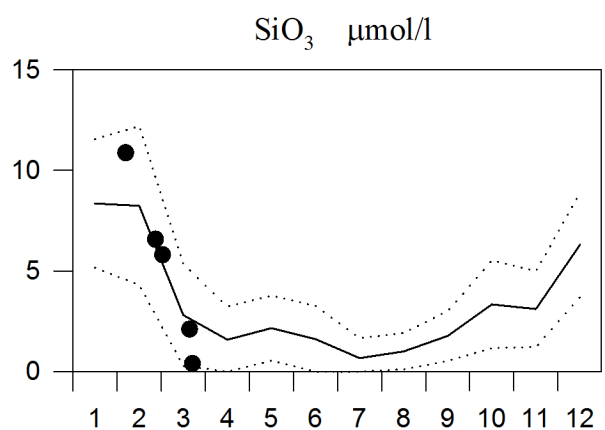
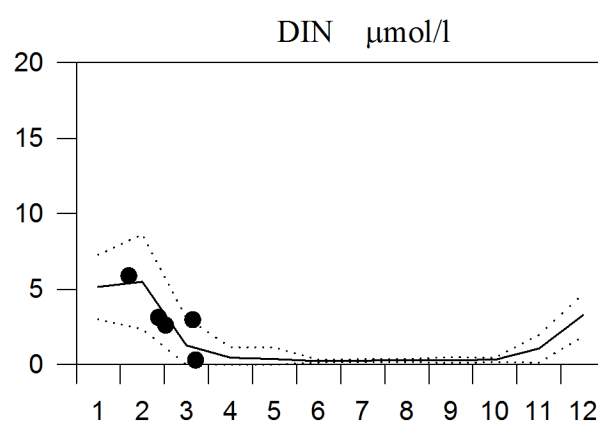
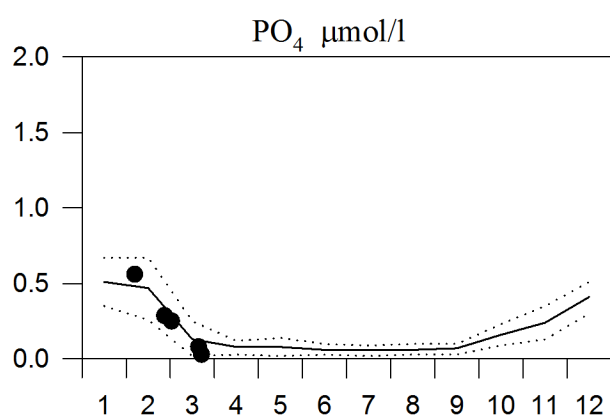
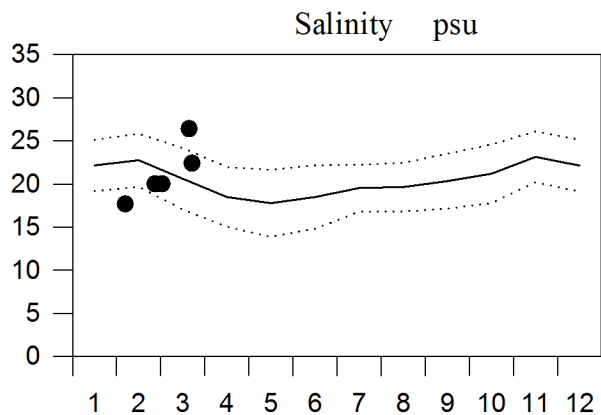
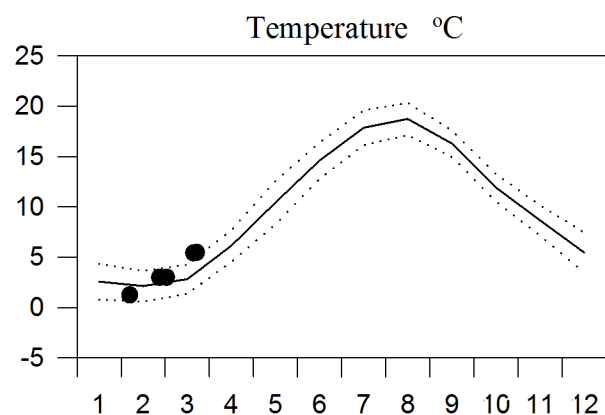
OXYGEN IN BOTTOM WATER (depth > 70m)



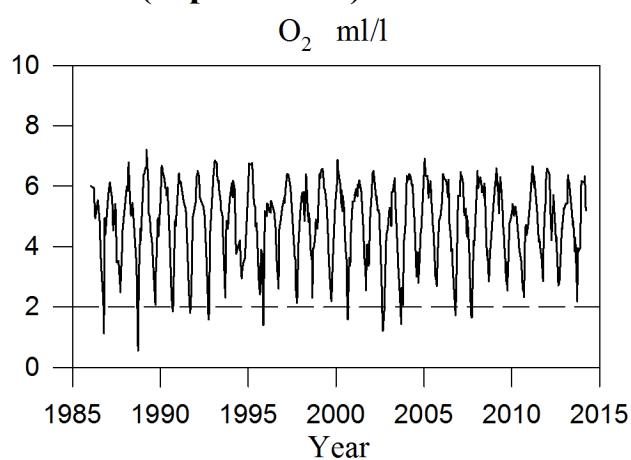
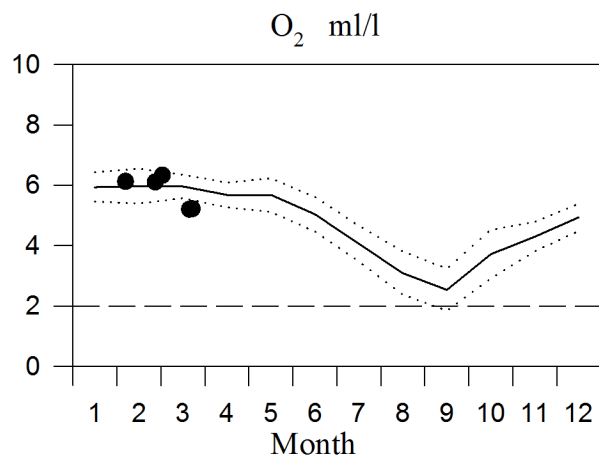
STATION ANHOLT E SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



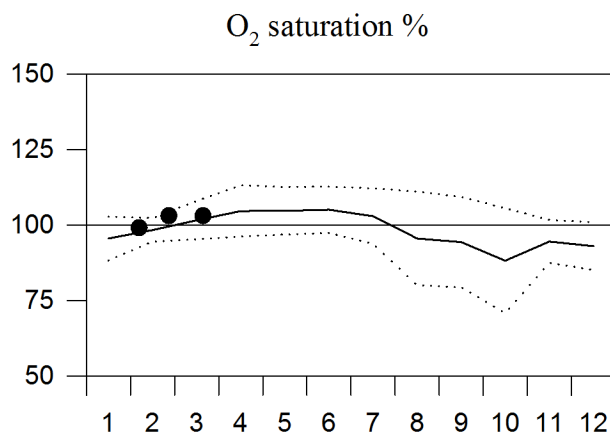
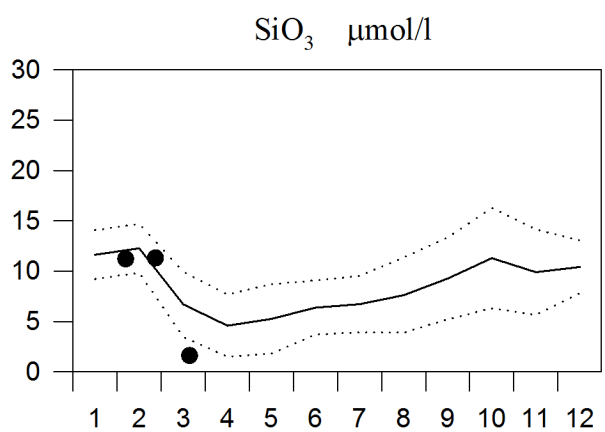
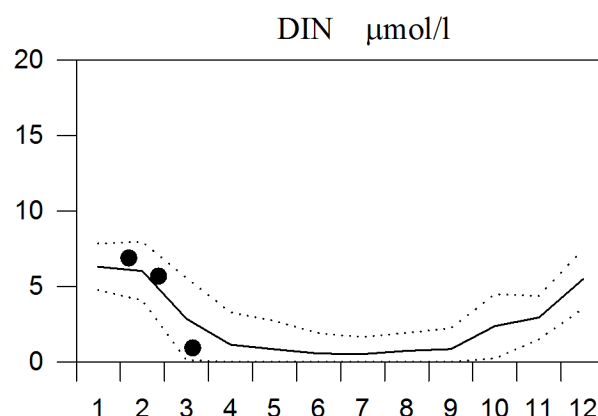
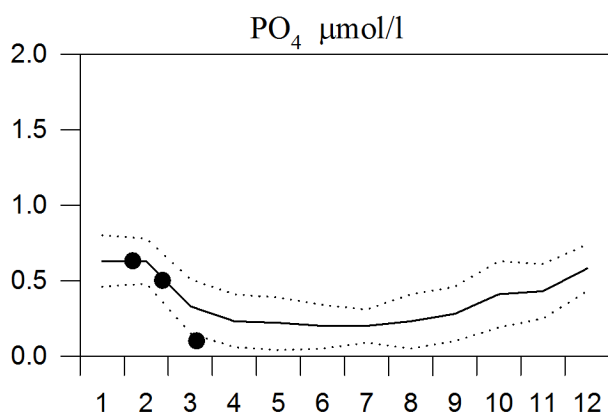
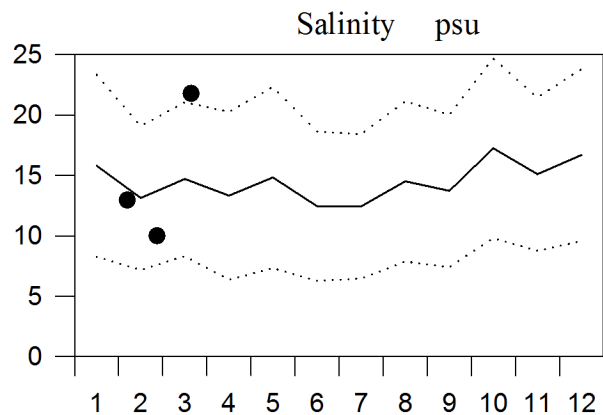
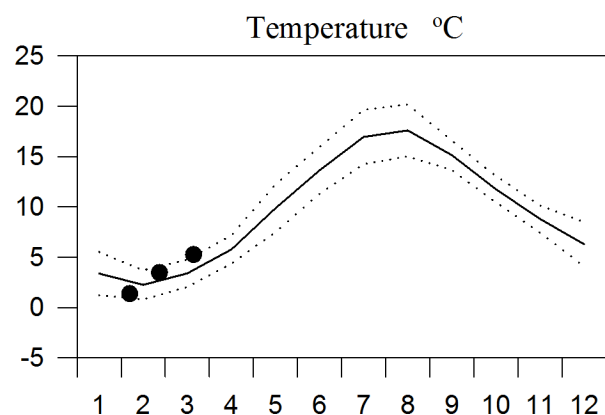
OXYGEN IN BOTTOM WATER (depth > 50m)



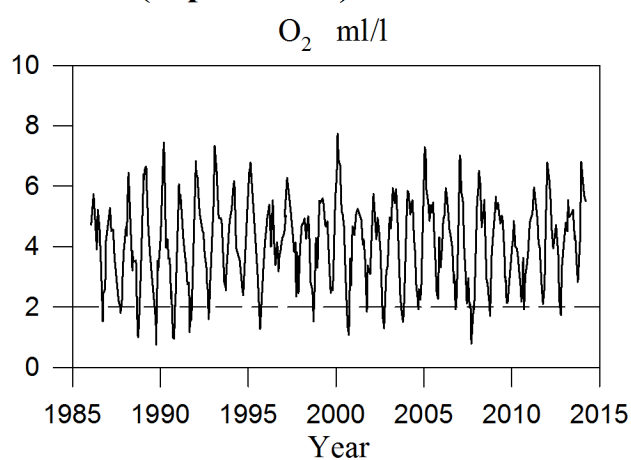
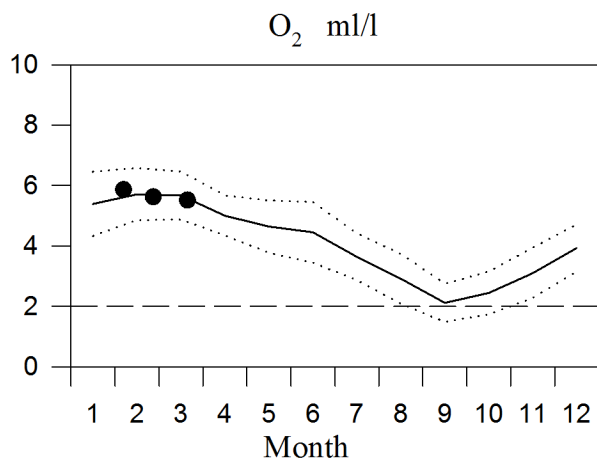
STATION W LANDSKRONA SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



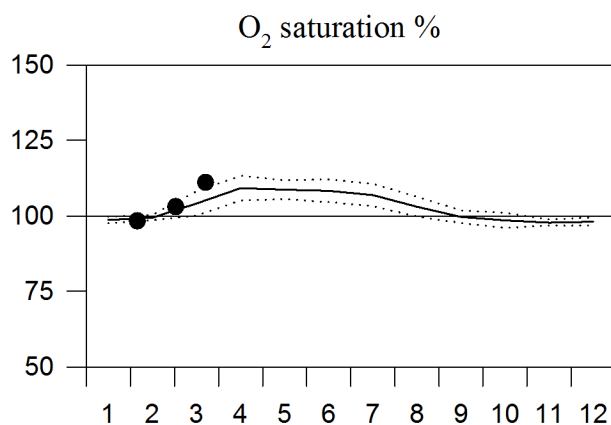
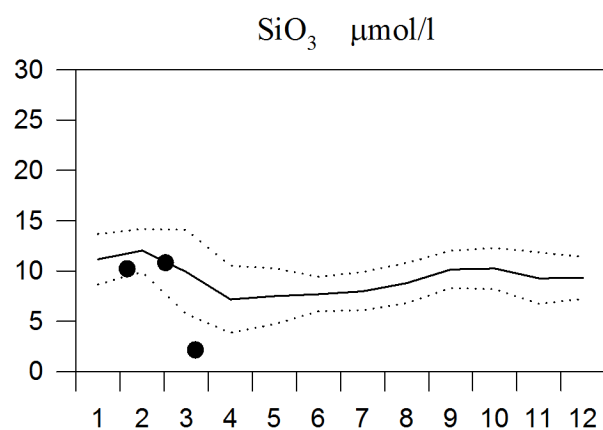
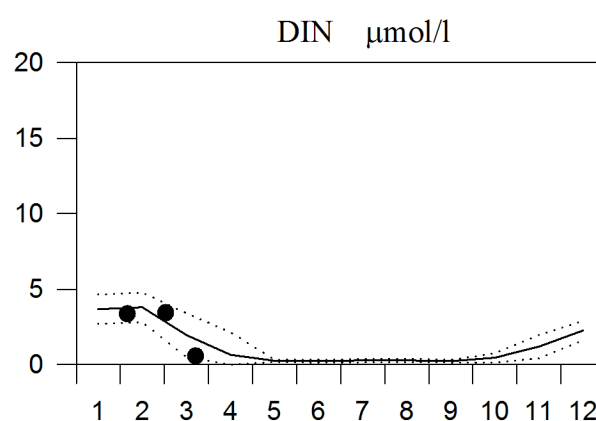
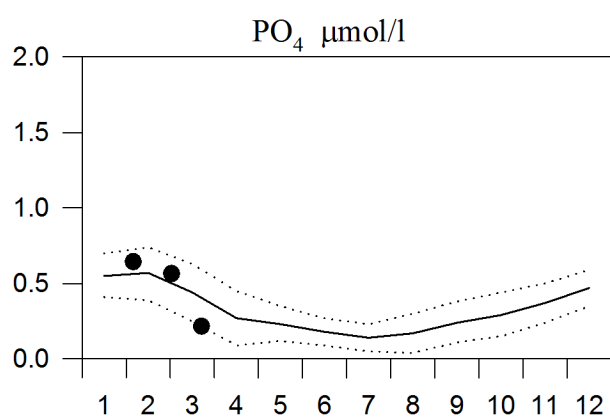
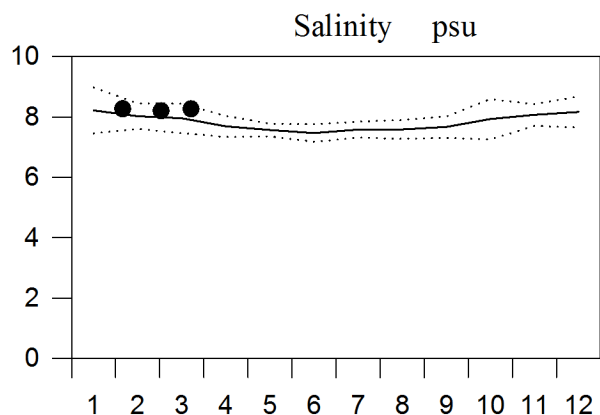
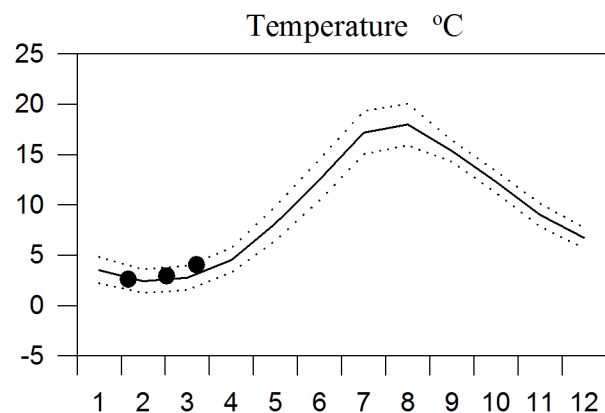
OXYGEN IN BOTTOM WATER (depth >40m)



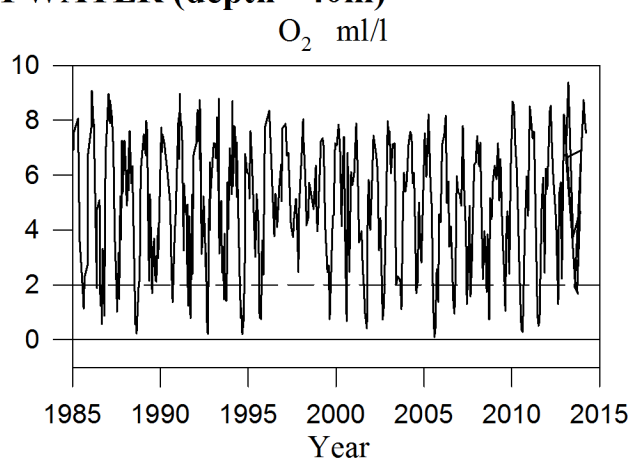
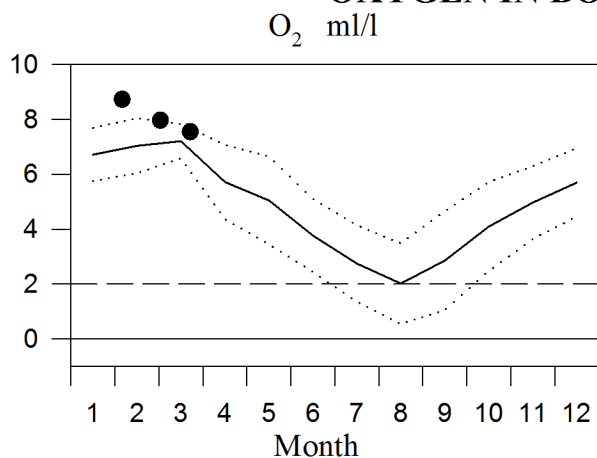
STATION BY1 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



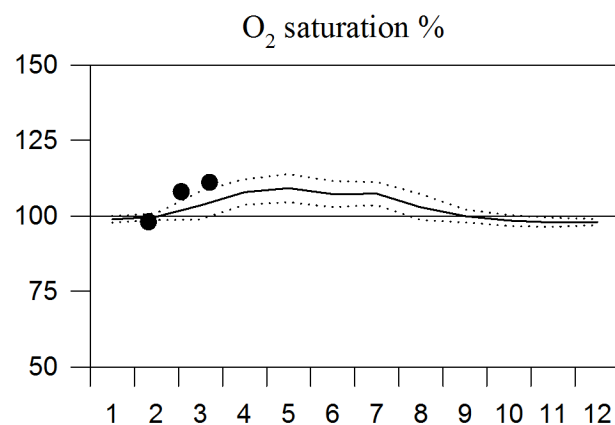
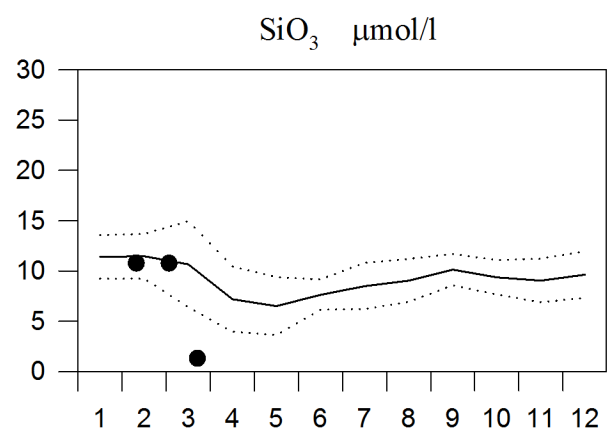
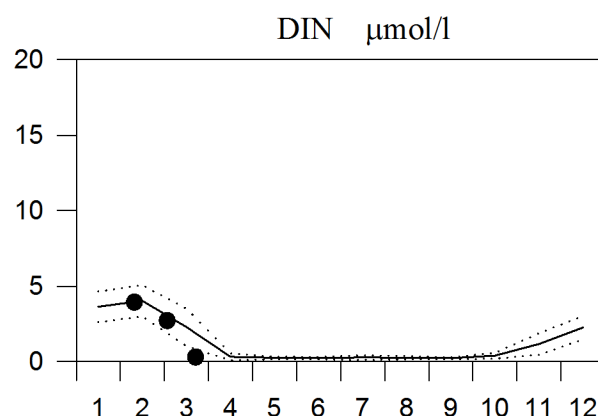
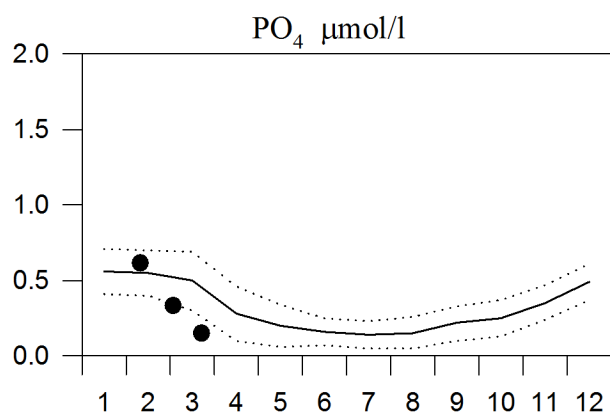
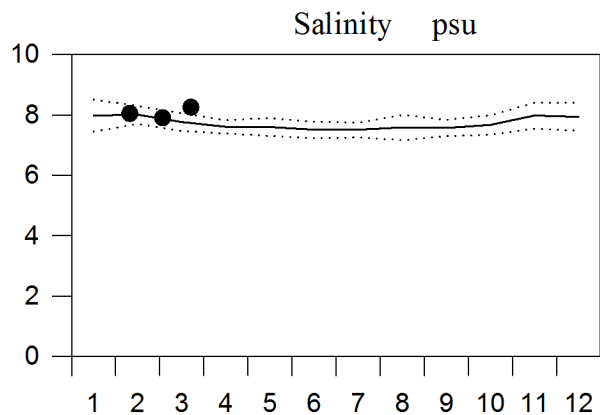
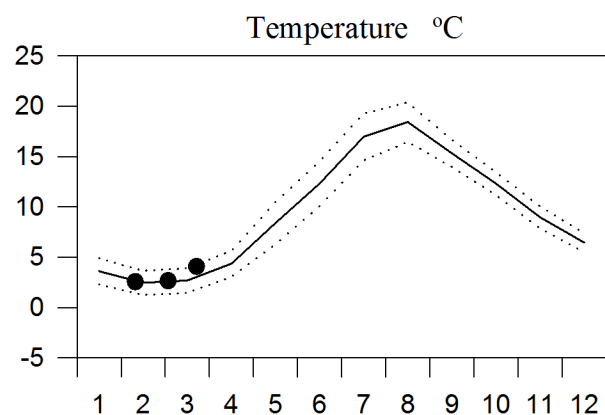
OXYGEN IN BOTTOM WATER (depth >40m)



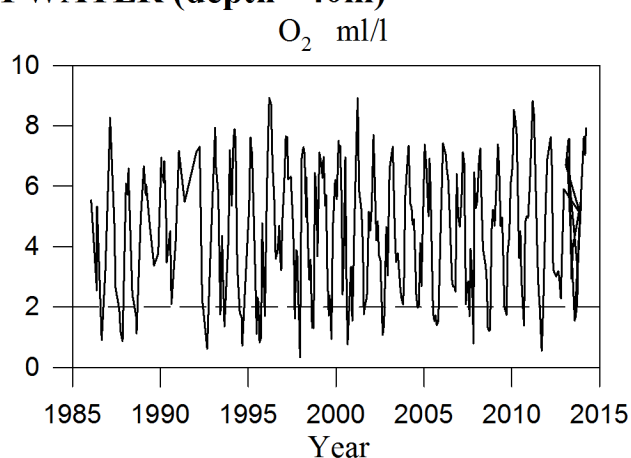
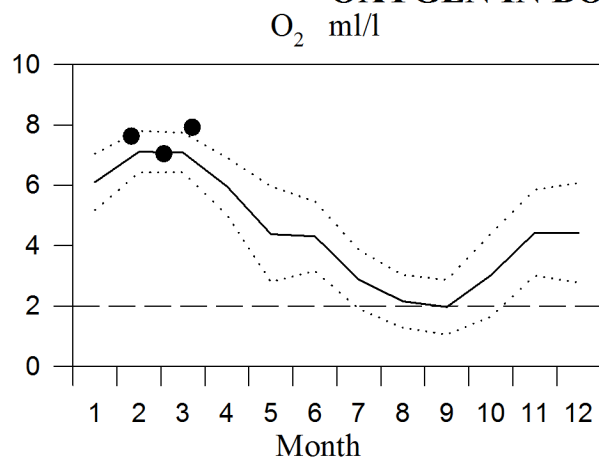
STATION BY2 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



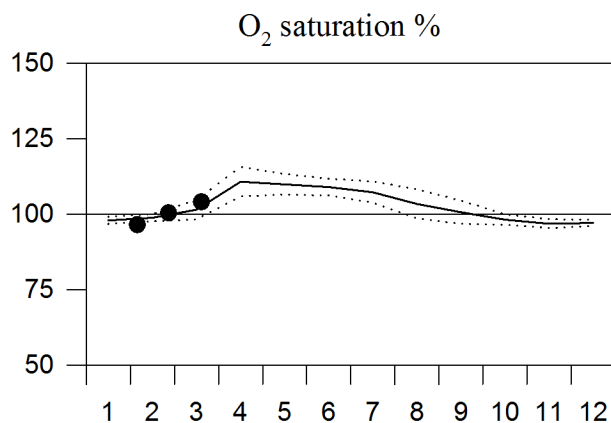
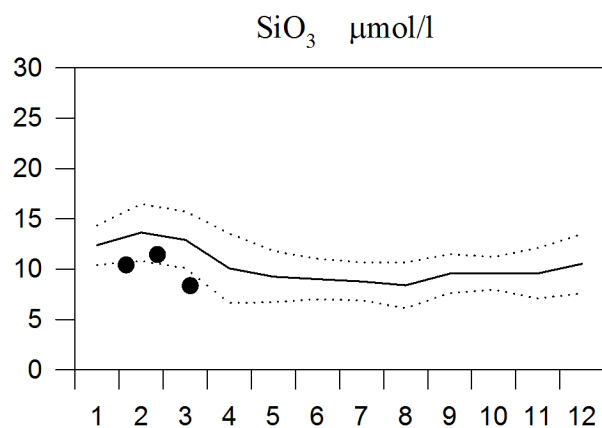
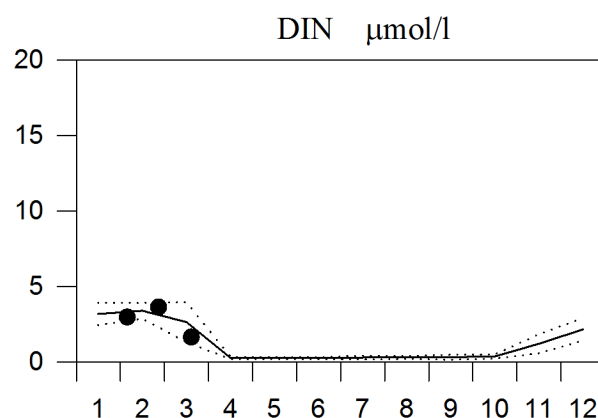
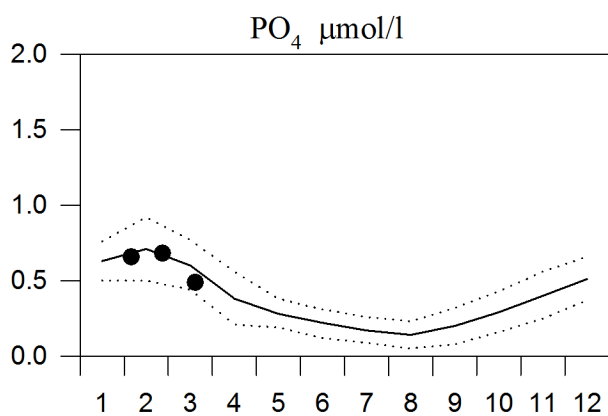
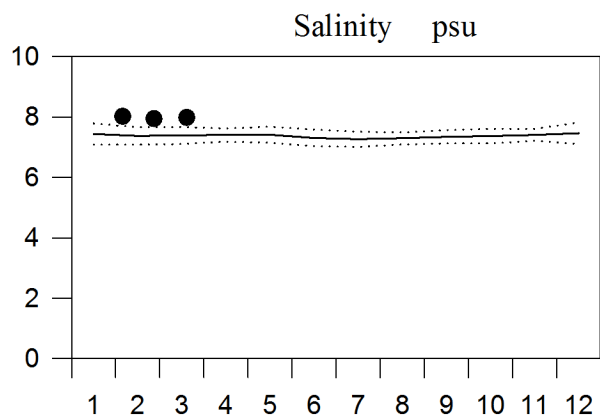
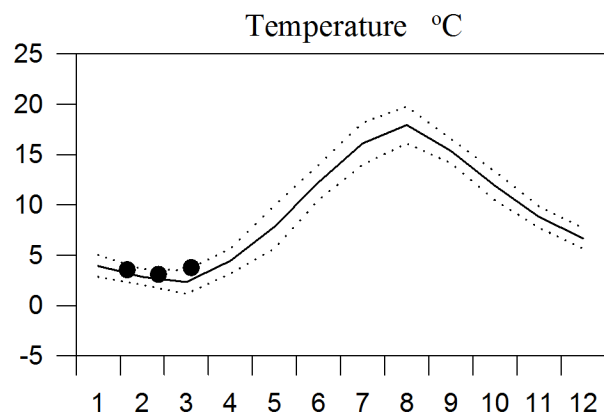
OXYGEN IN BOTTOM WATER (depth >40m)



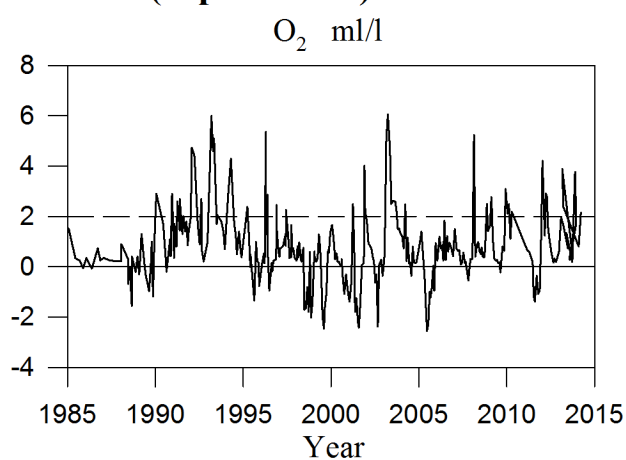
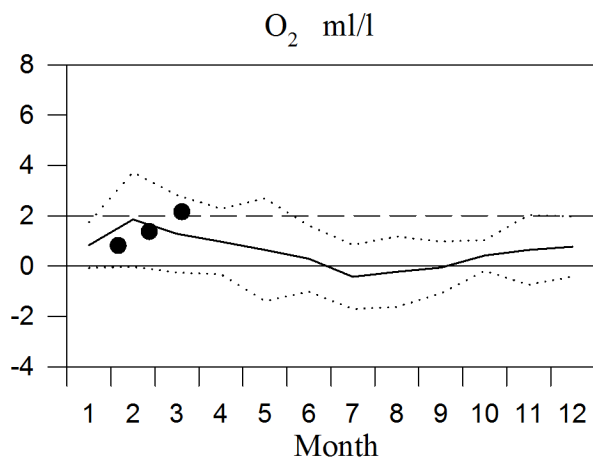
STATION HANÖBUKTEN SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



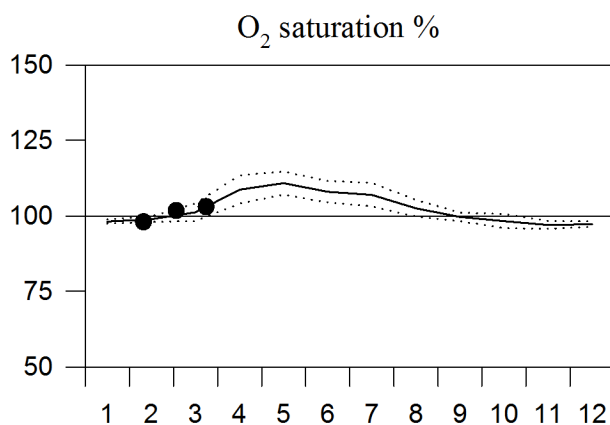
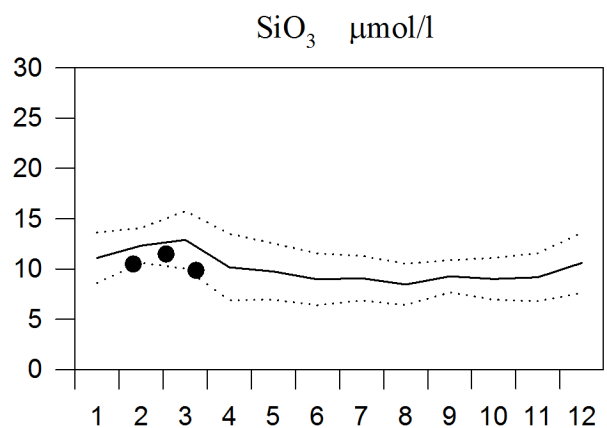
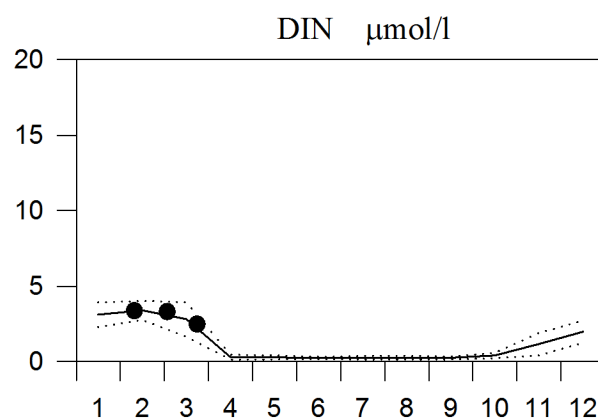
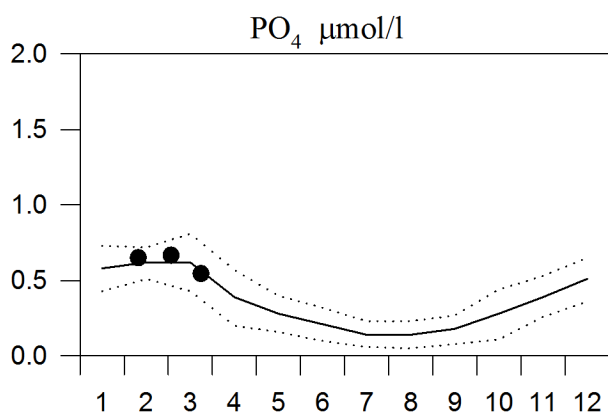
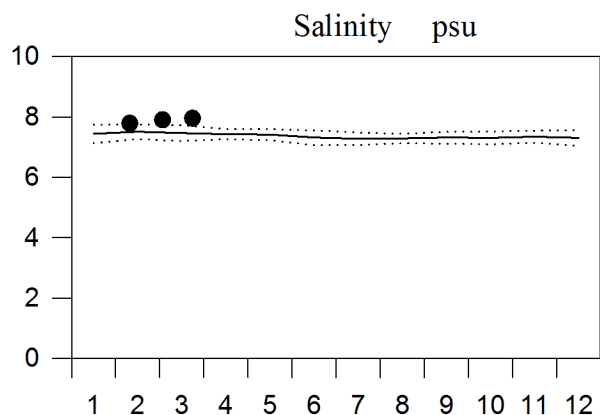
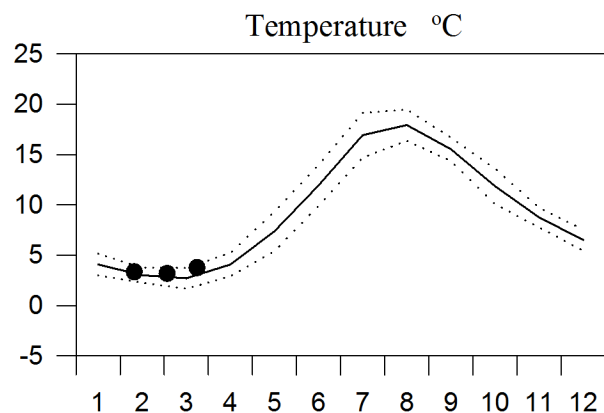
OXYGEN IN BOTTOM WATER (depth > 70m)



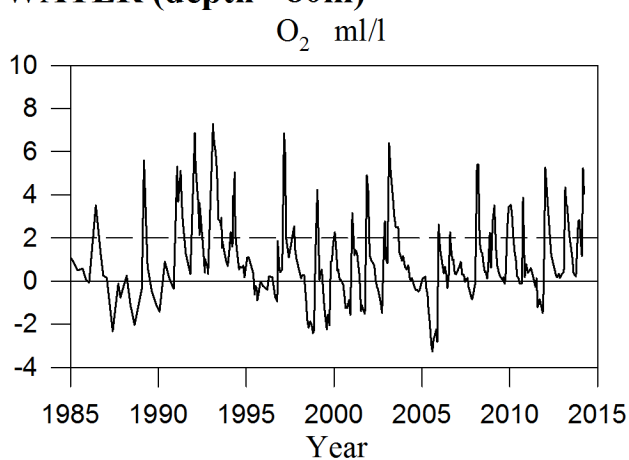
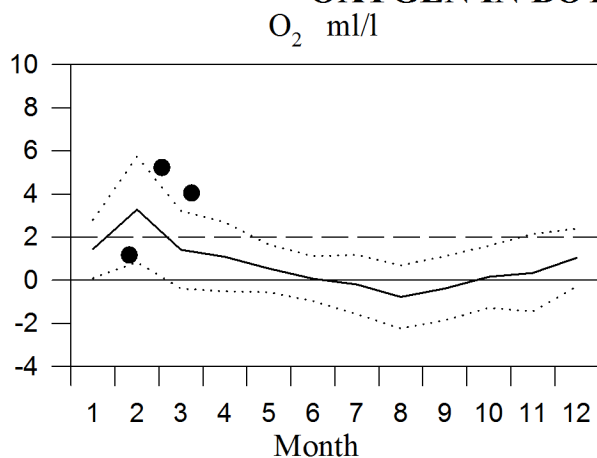
STATION BY4 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



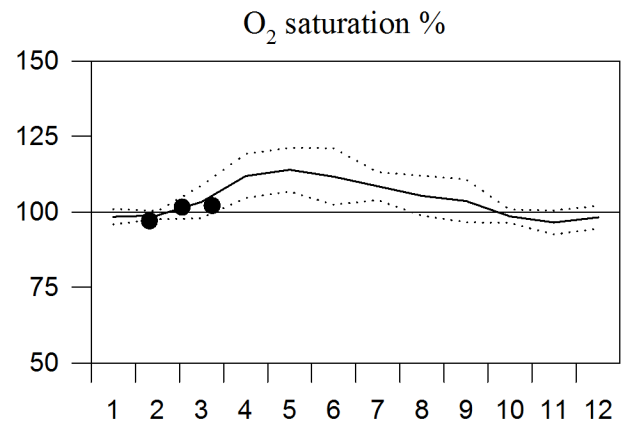
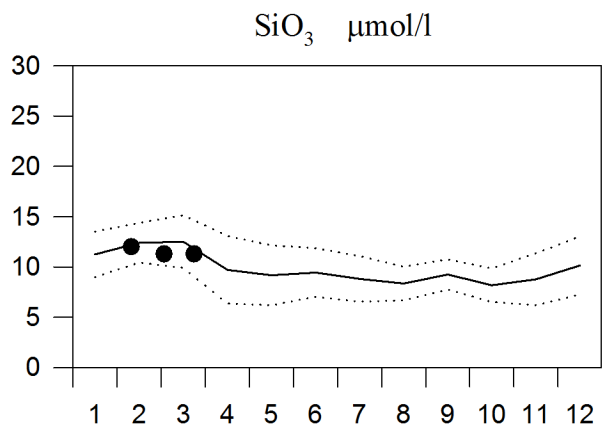
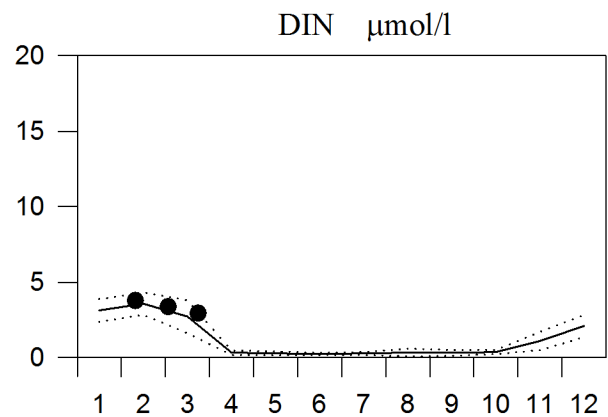
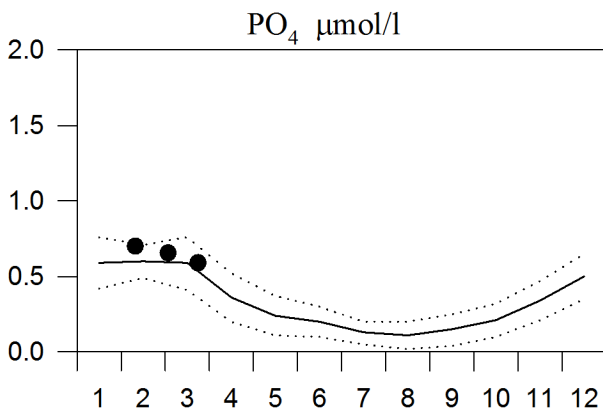
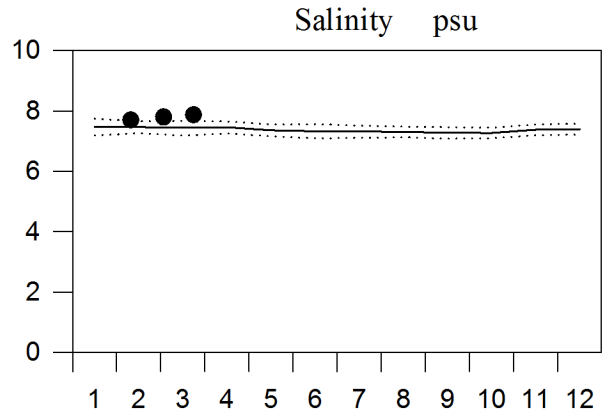
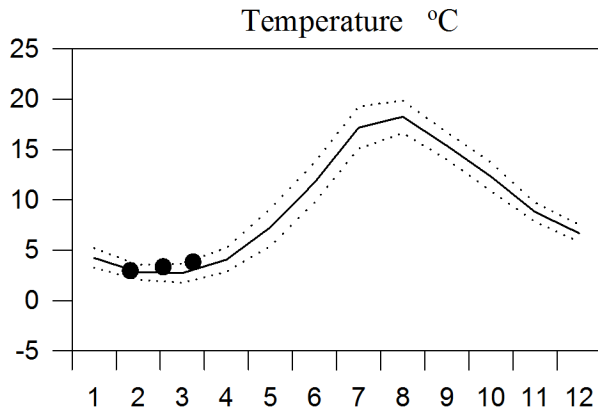
OXYGEN IN BOTTOM WATER (depth >80m)



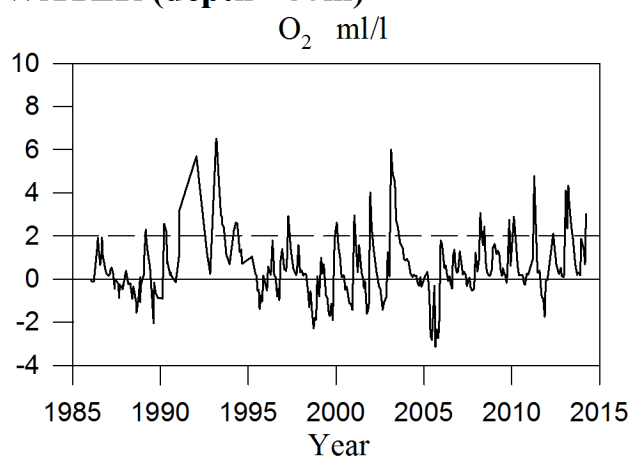
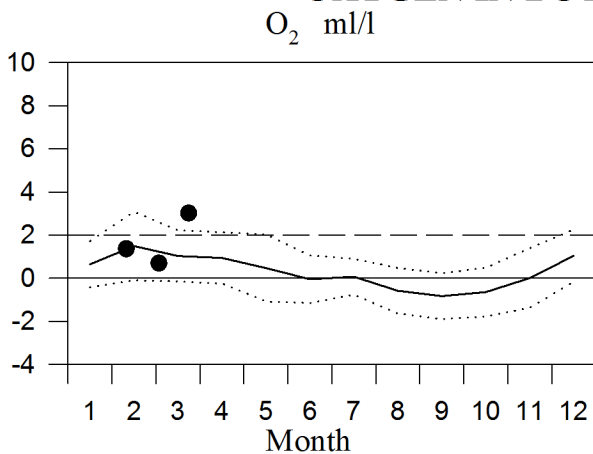
STATION BY5 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



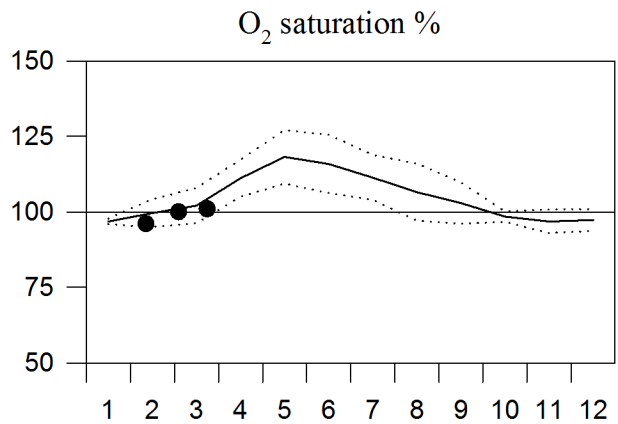
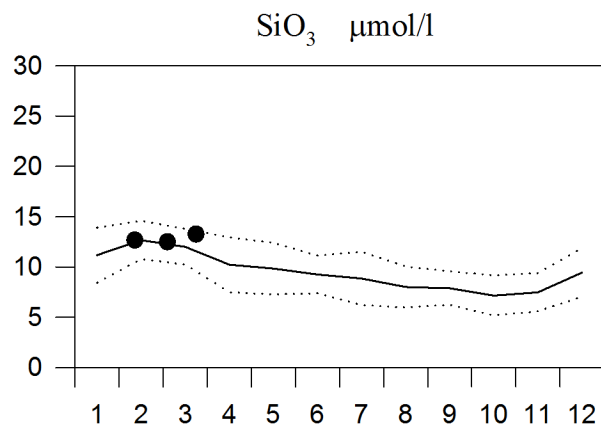
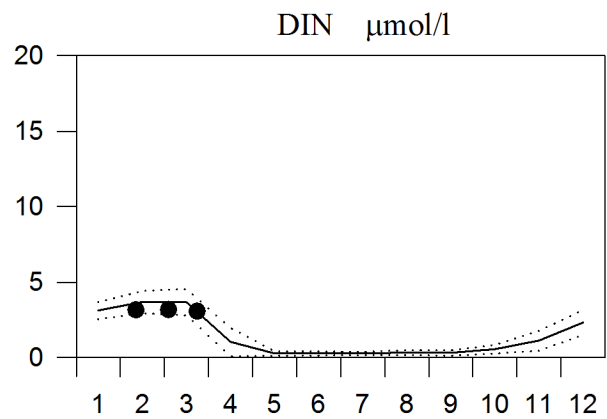
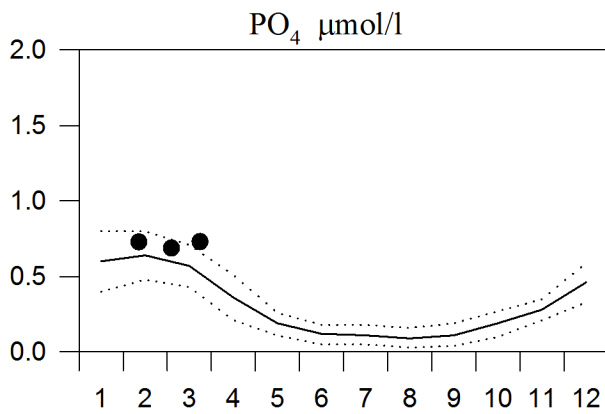
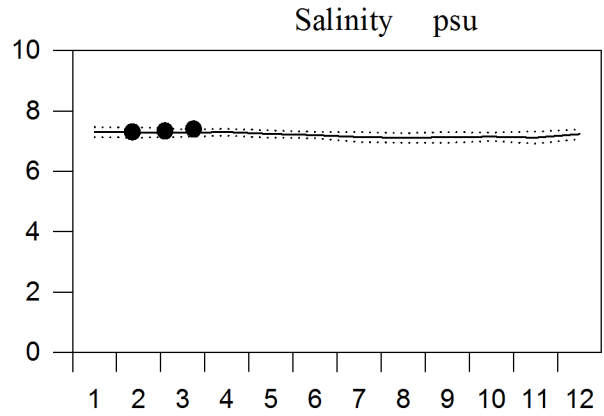
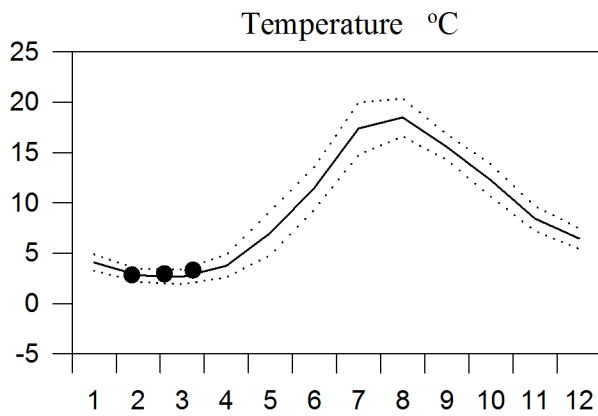
OXYGEN IN BOTTOM WATER (depth >80m)



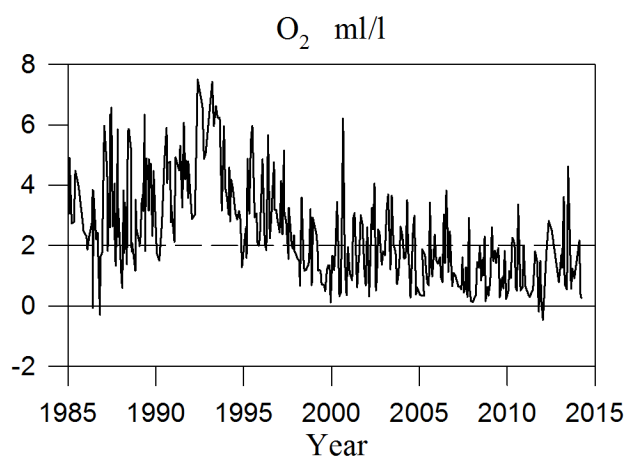
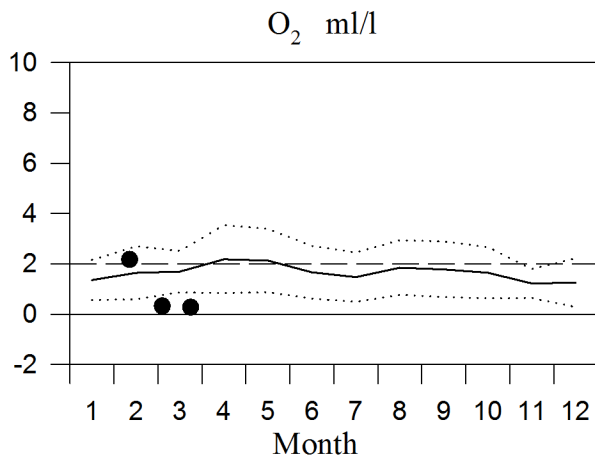
STATION BCS III-10 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



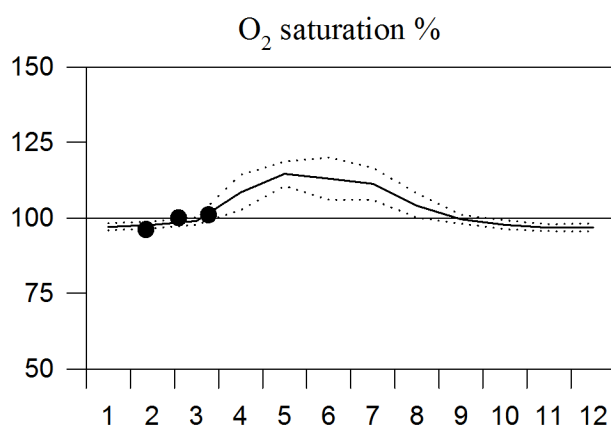
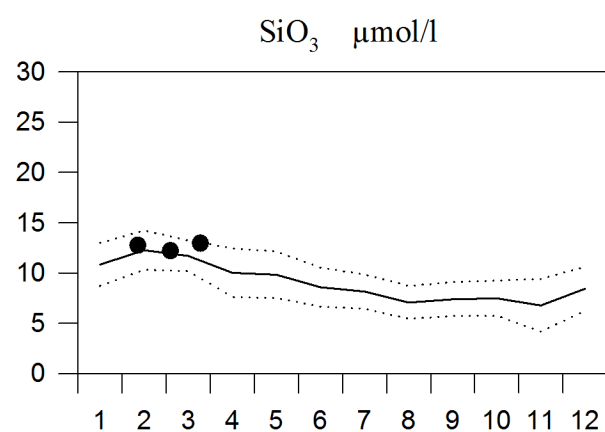
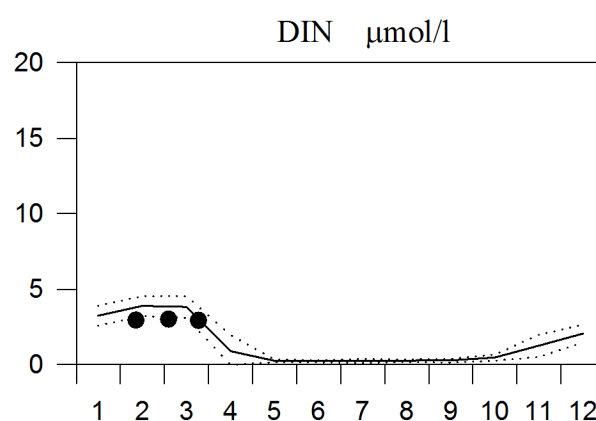
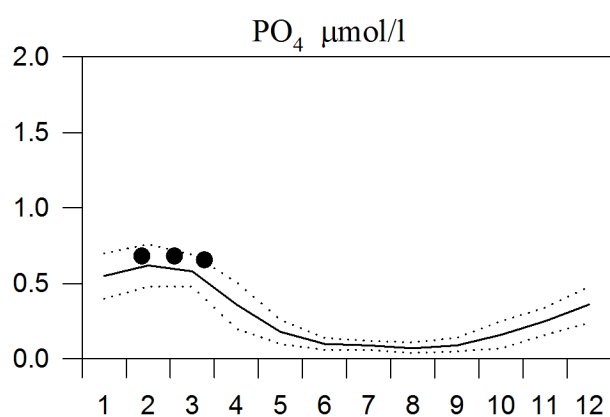
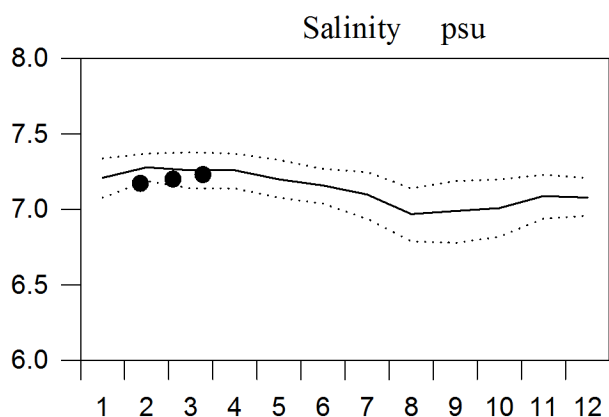
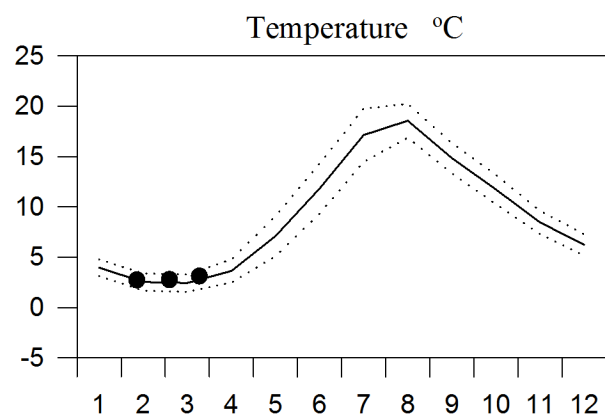
OXYGEN IN BOTTOM WATER (depth > 80m)



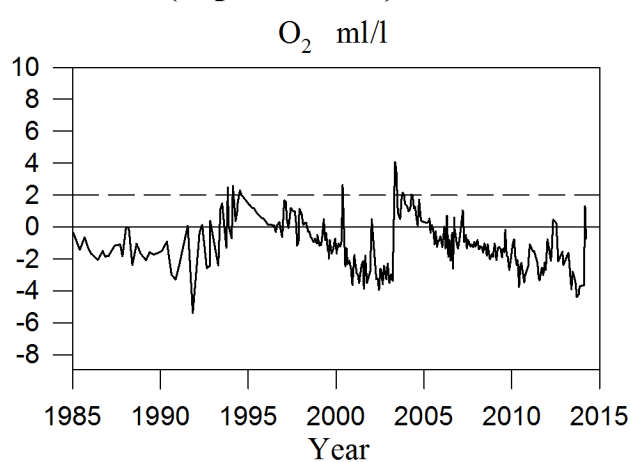
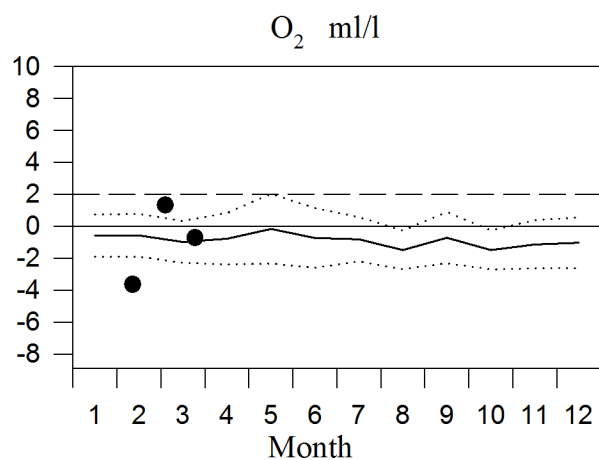
STATION BY10 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



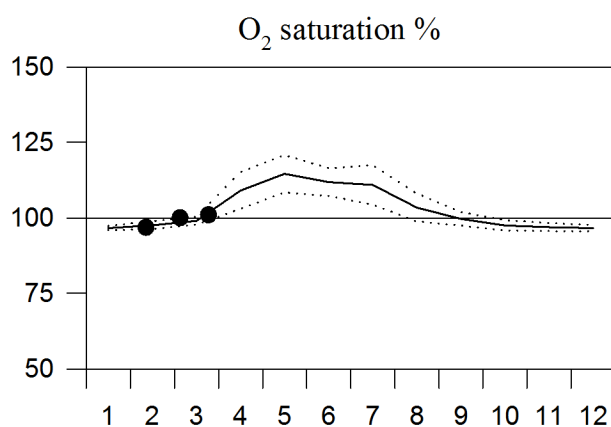
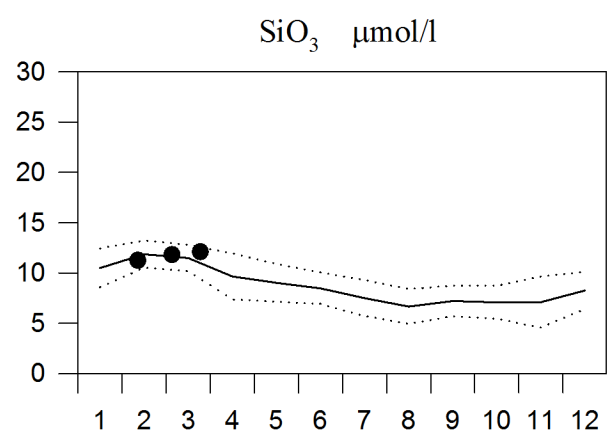
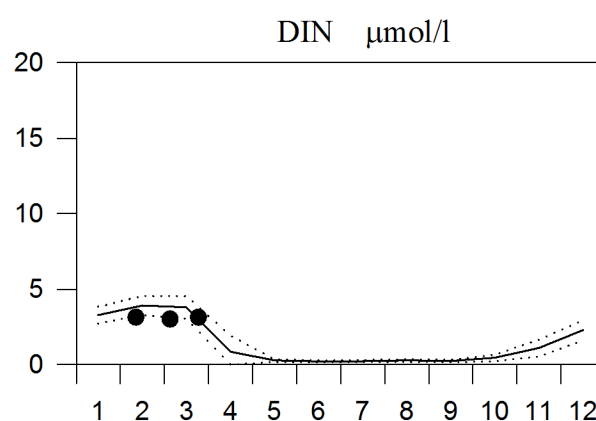
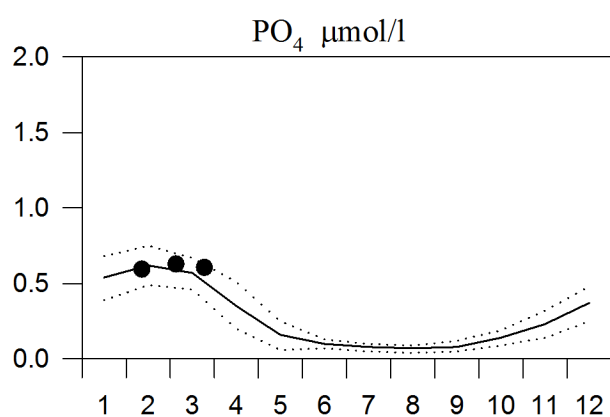
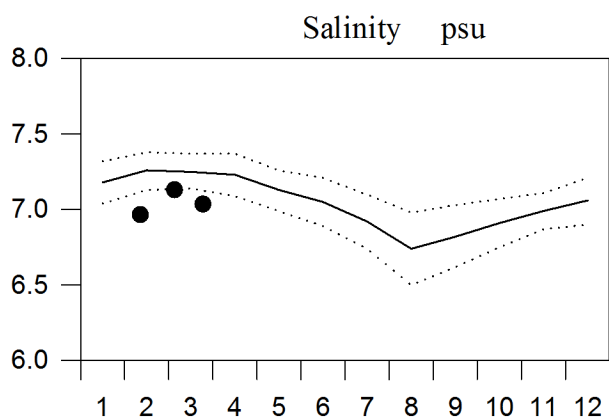
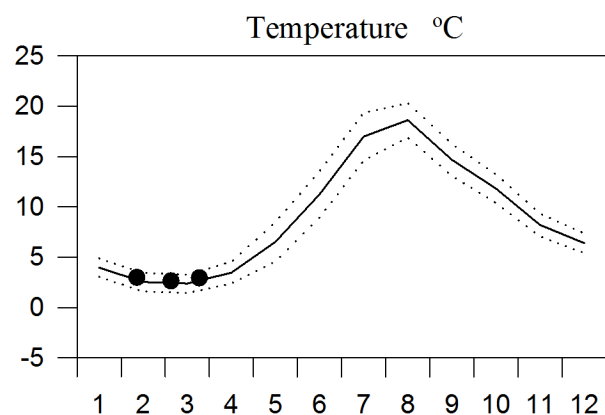
OXYGEN IN BOTTOM WATER (depth >125m)



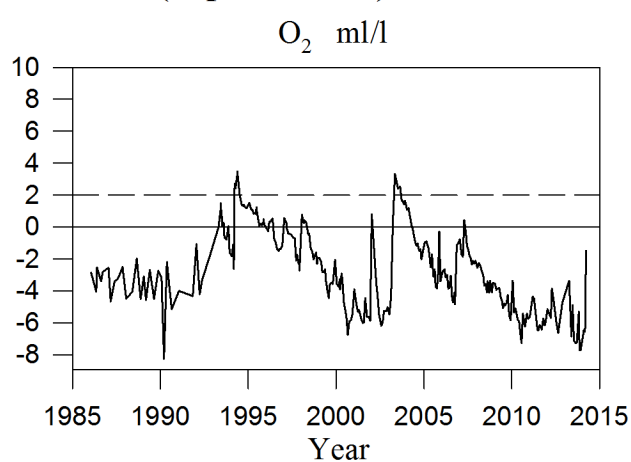
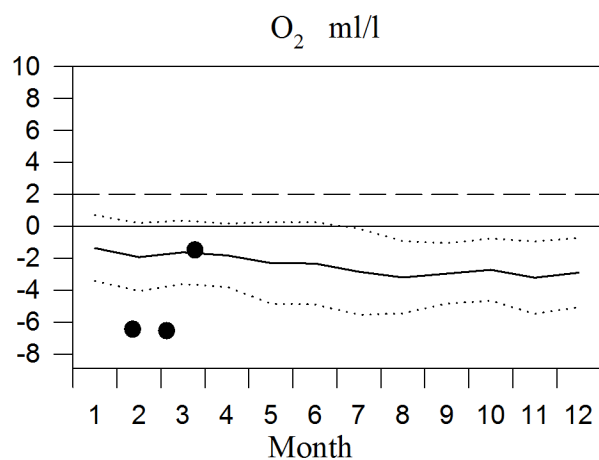
STATION BY15 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



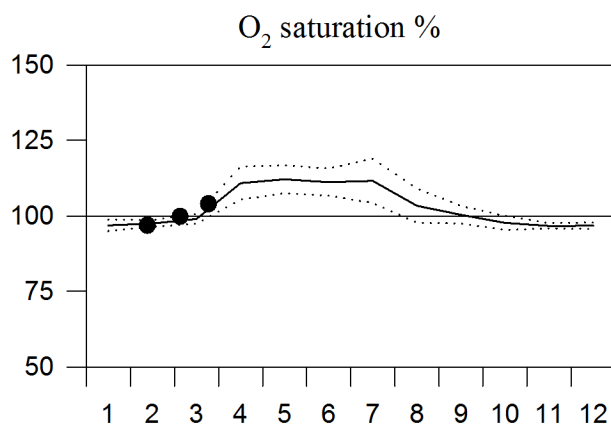
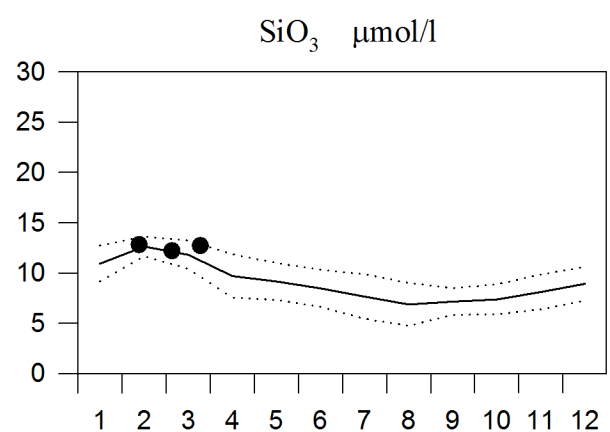
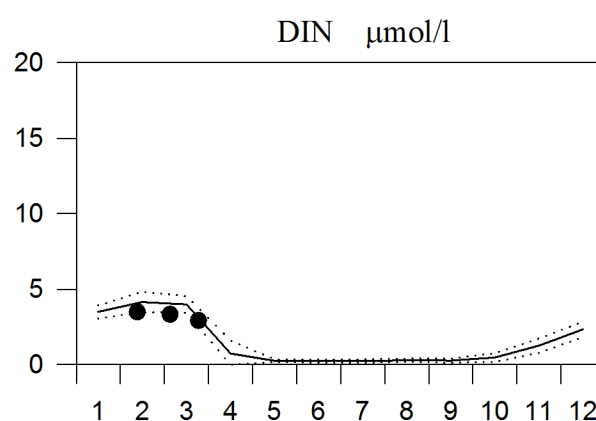
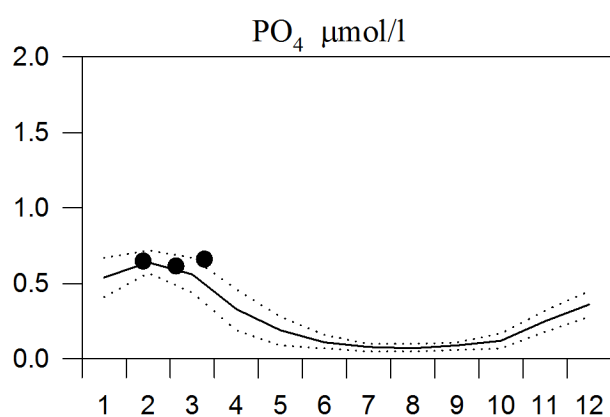
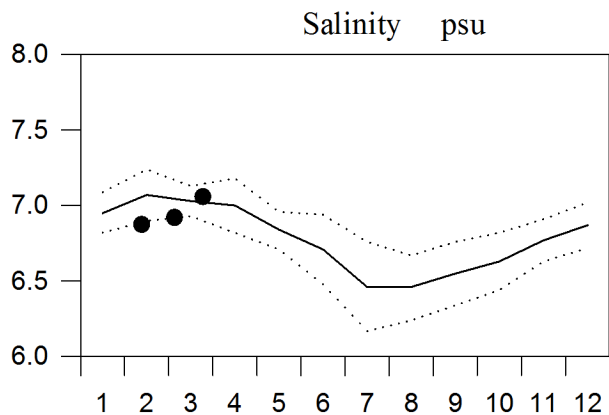
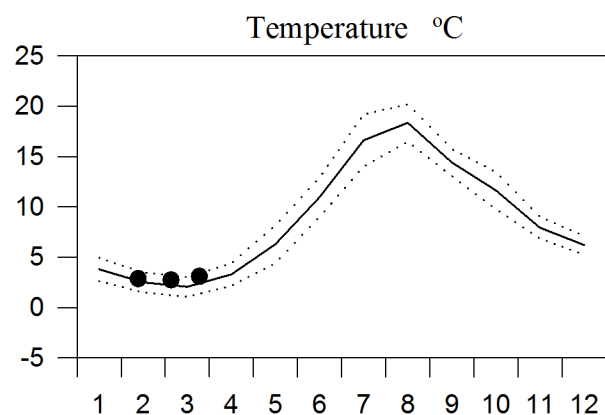
OXYGEN IN BOTTOM WATER (depth >225m)



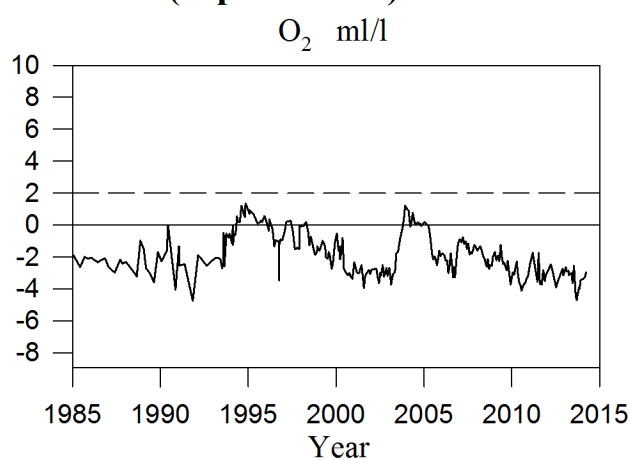
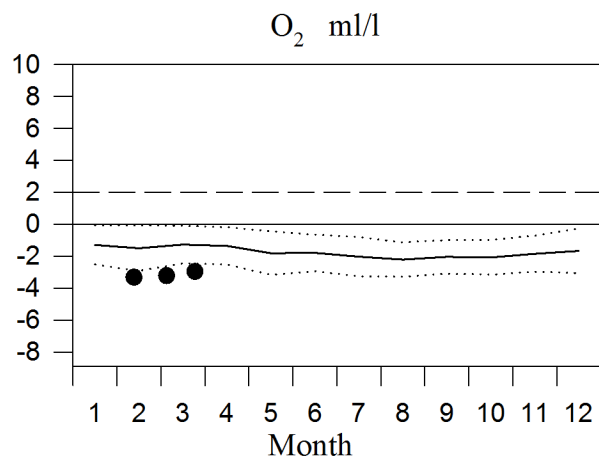
STATION BY20 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



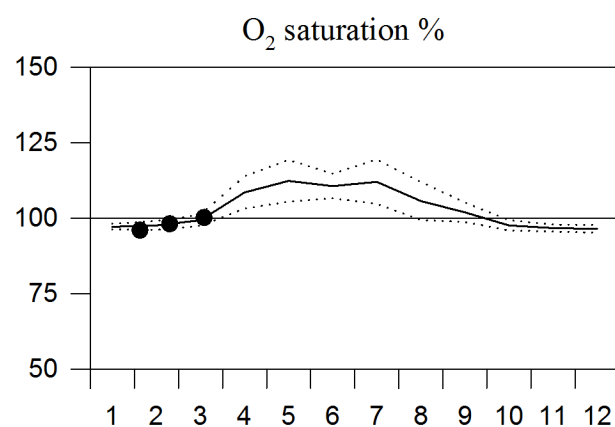
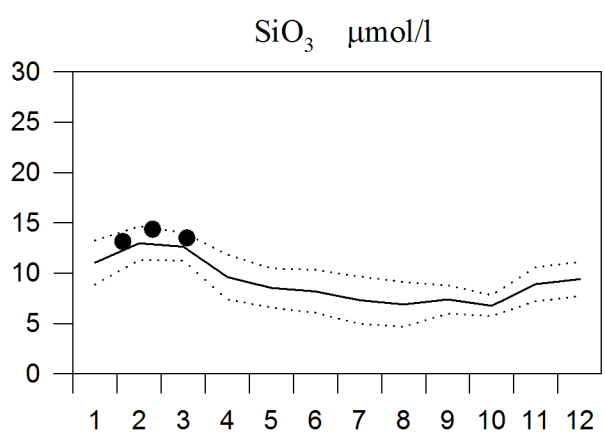
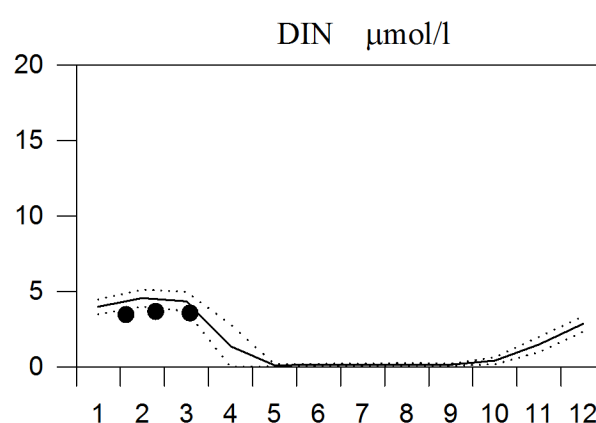
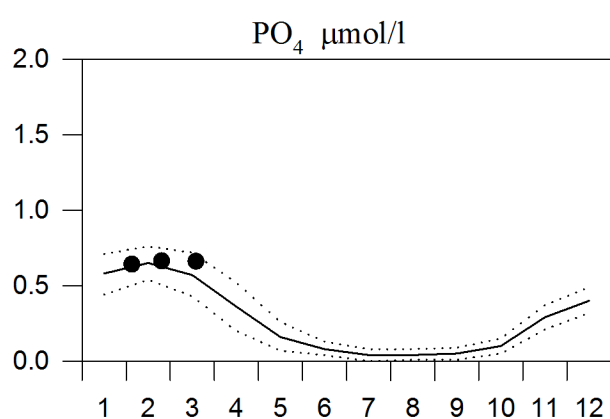
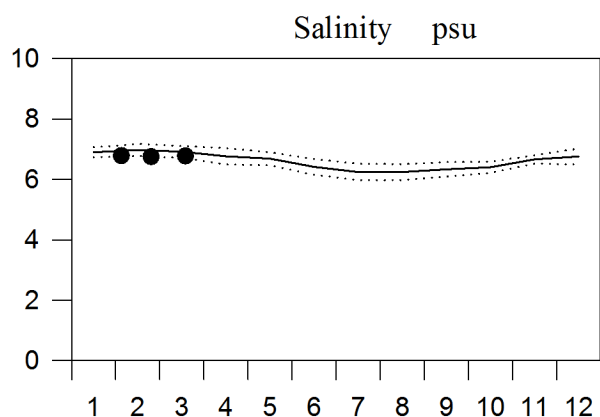
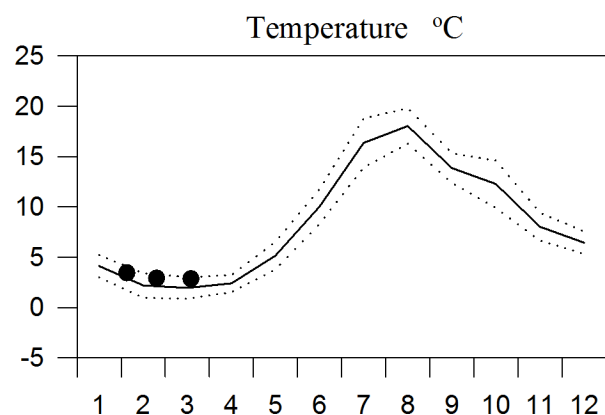
OXYGEN IN BOTTOM WATER (depth >175m)



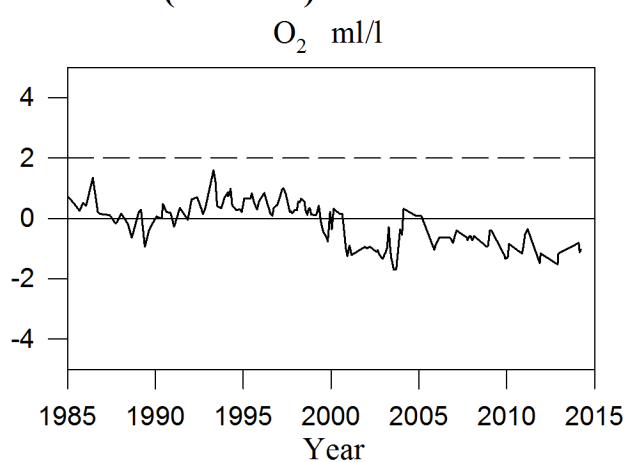
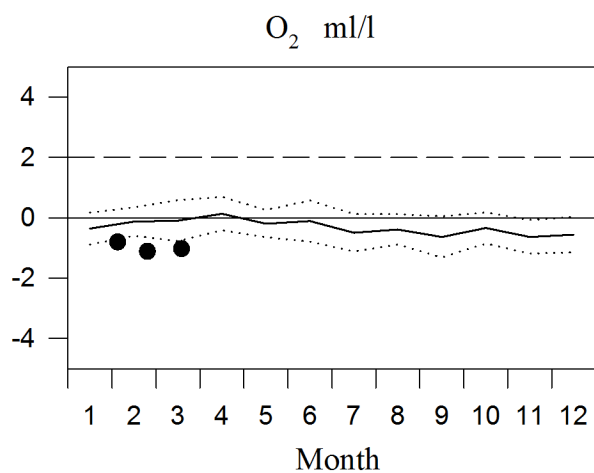
STATION BY29 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



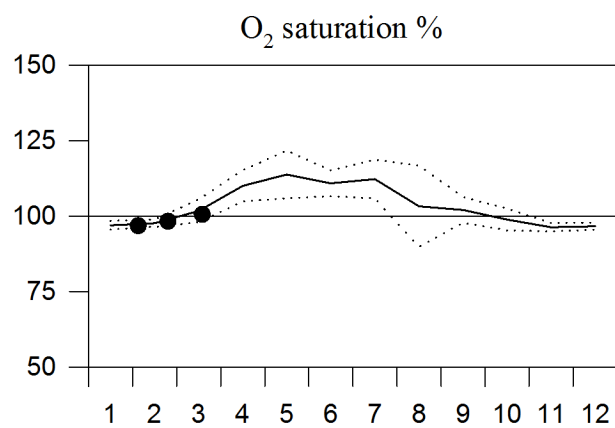
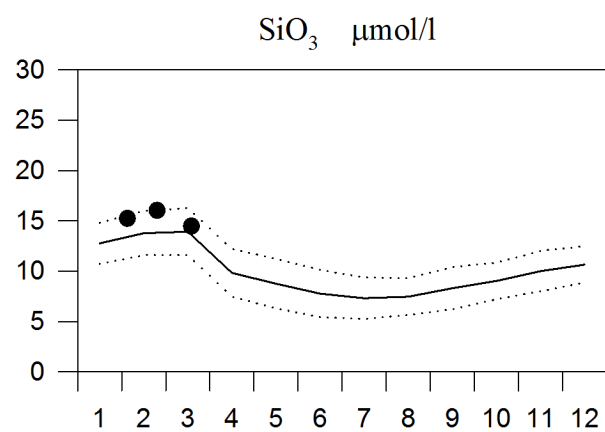
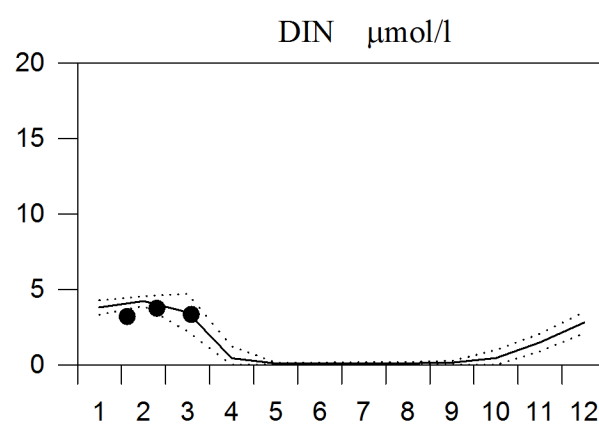
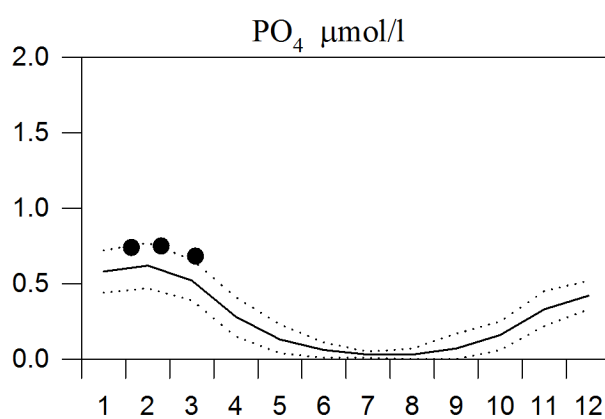
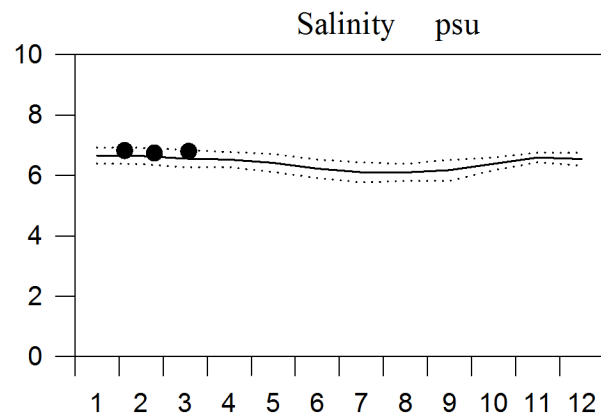
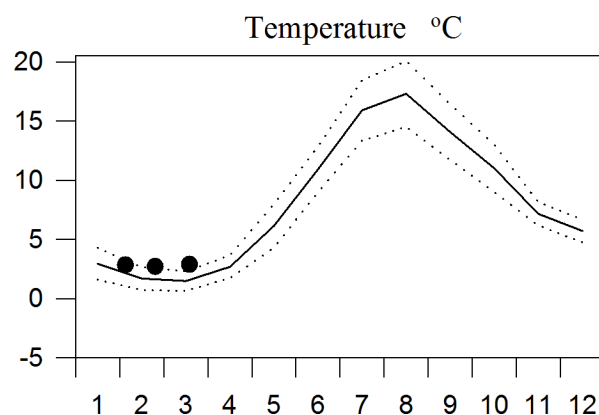
OXYGEN IN BOTTOM WATER (>=150m)



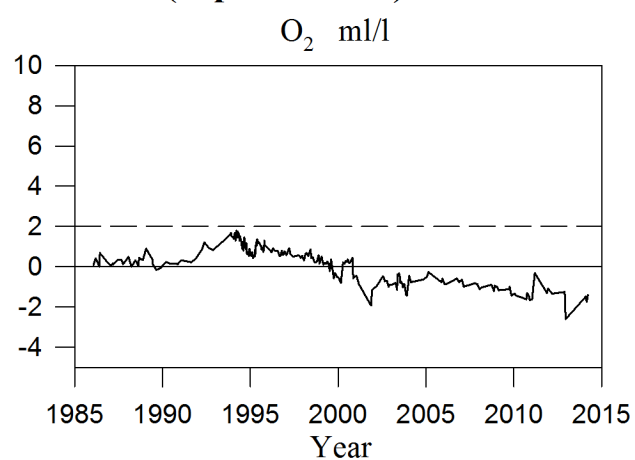
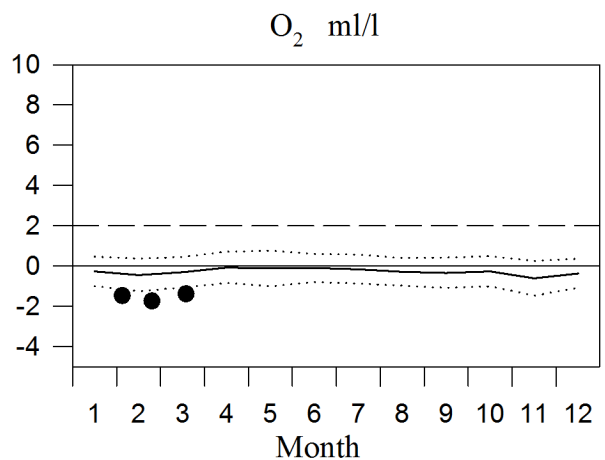
STATION BY31 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



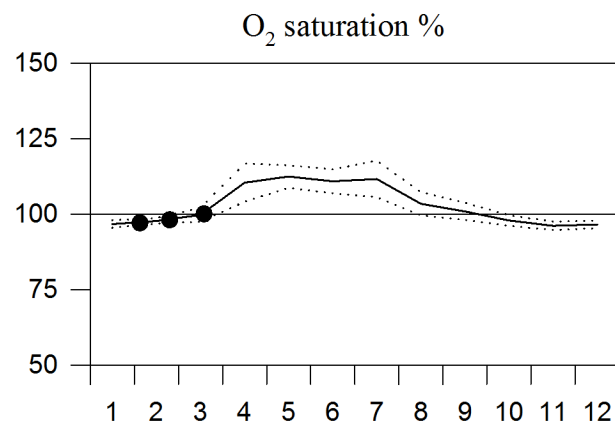
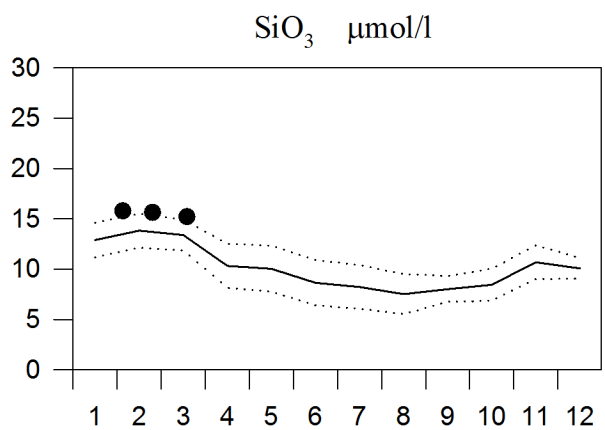
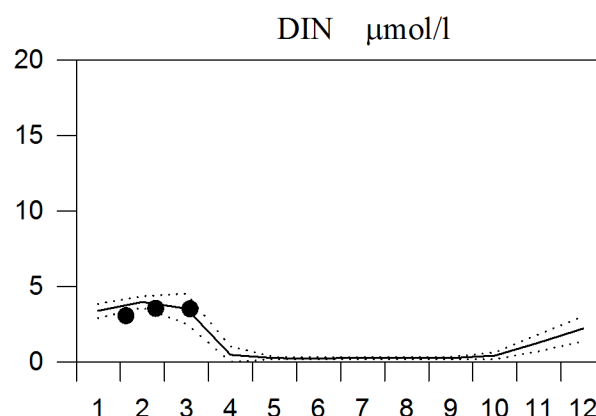
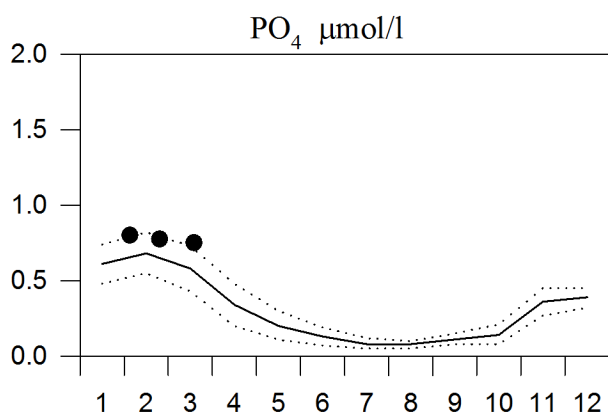
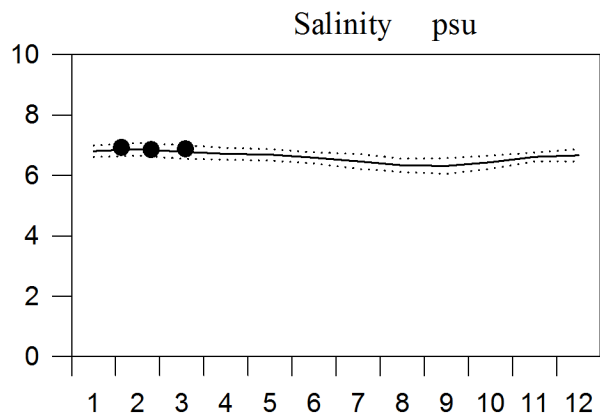
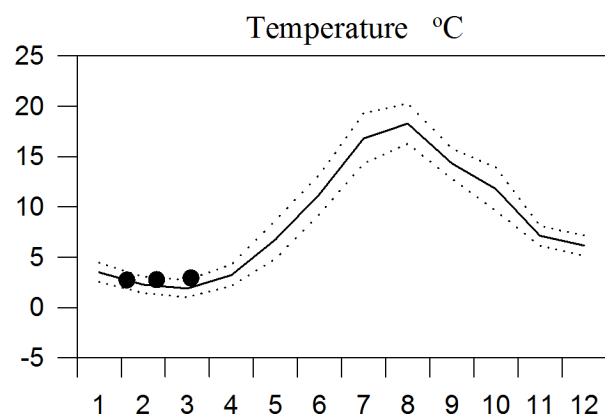
OXYGEN IN BOTTOM WATER (depth = 440m)



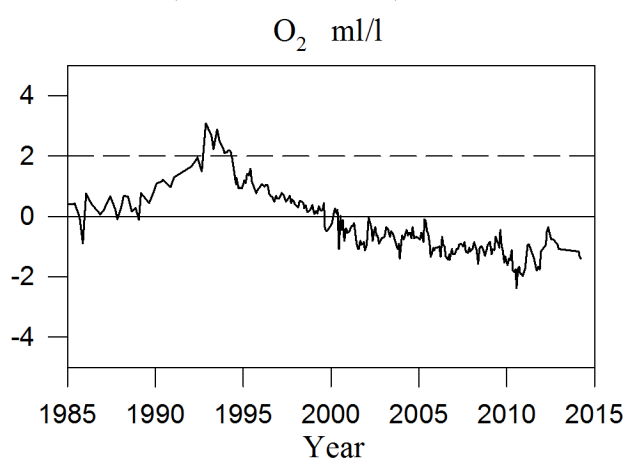
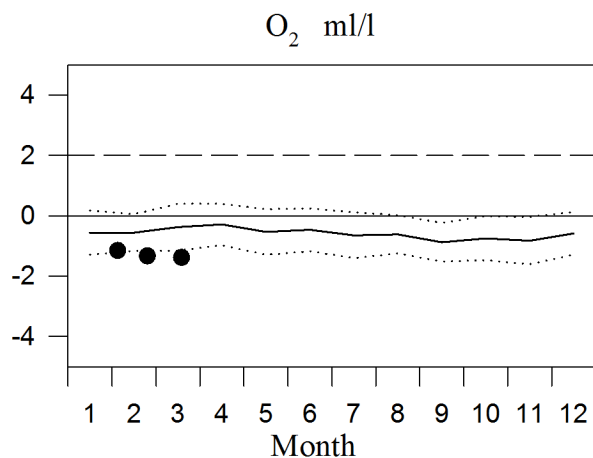
STATION BY32 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



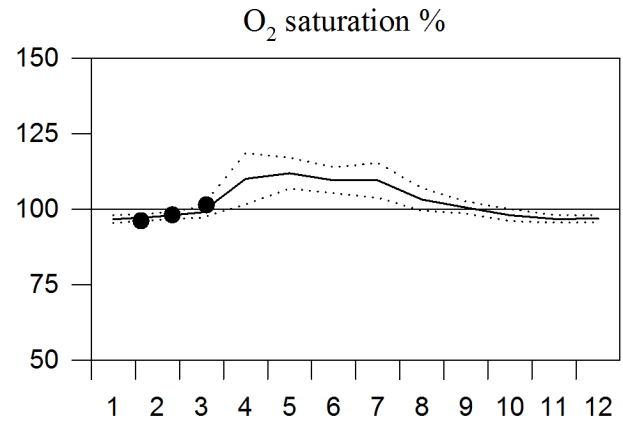
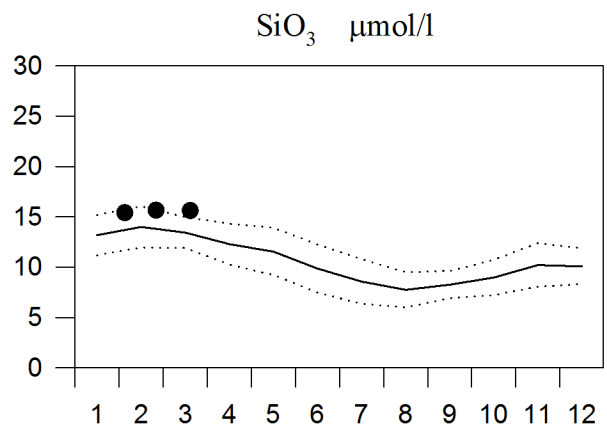
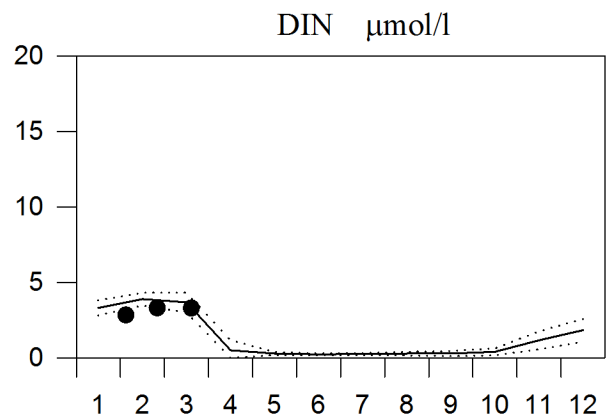
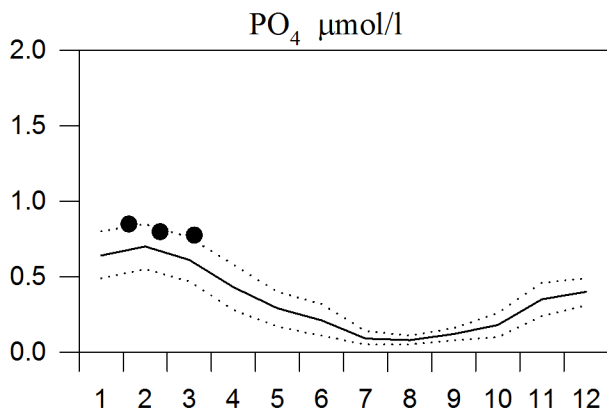
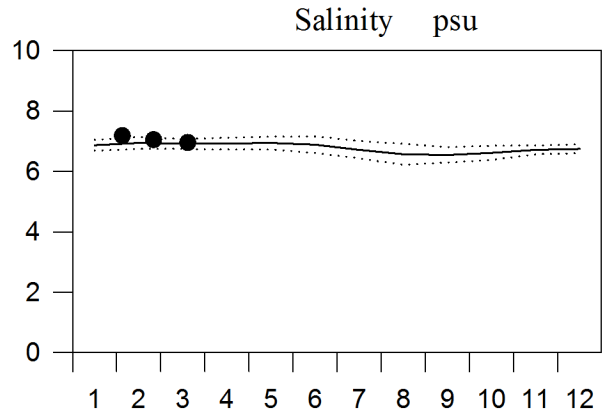
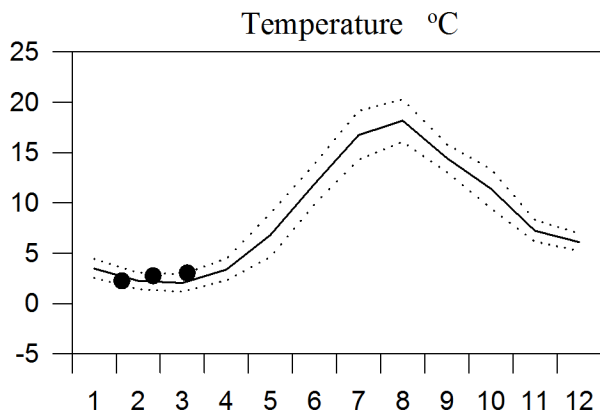
OXYGEN IN BOTTOM WATER (depth > 175m)



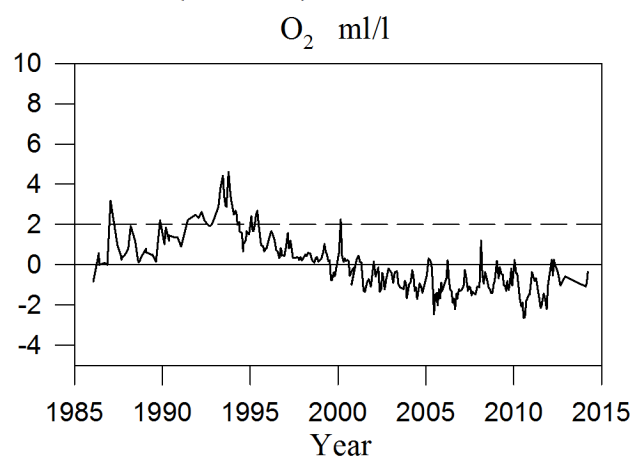
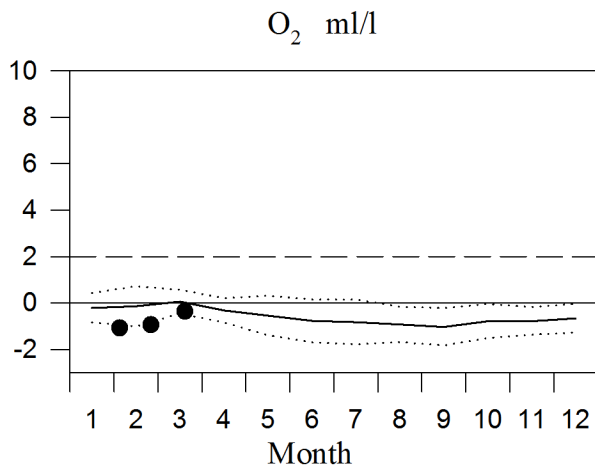
STATION BY38 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



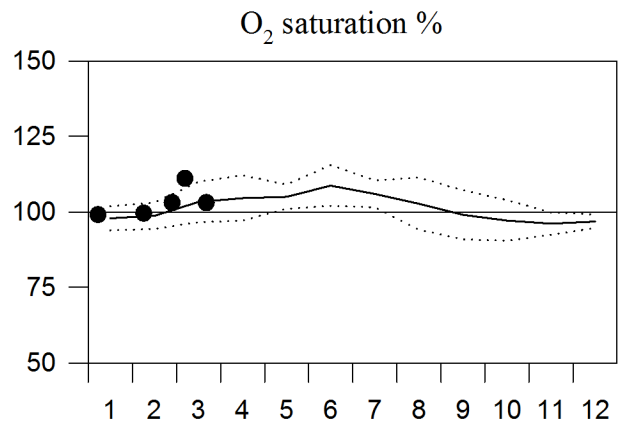
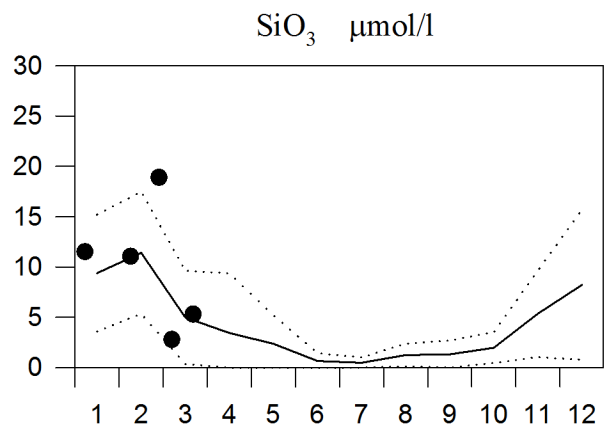
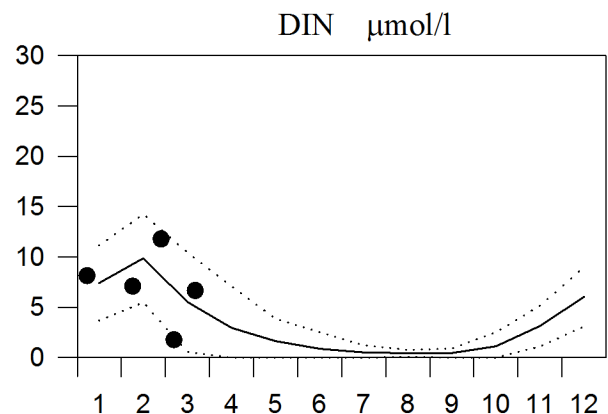
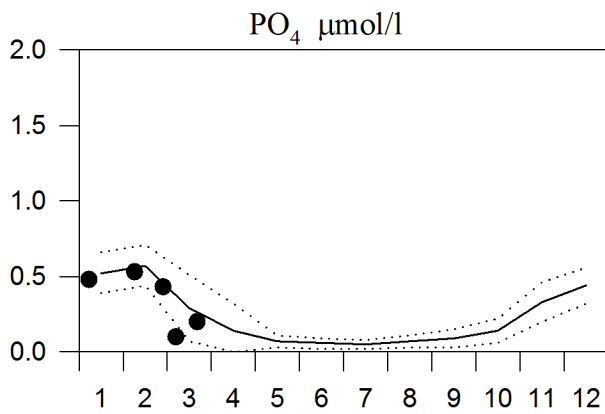
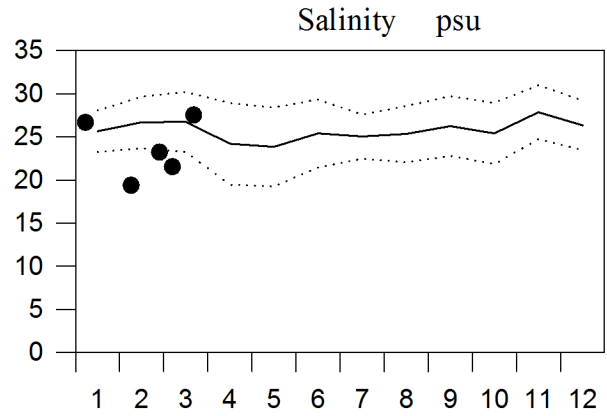
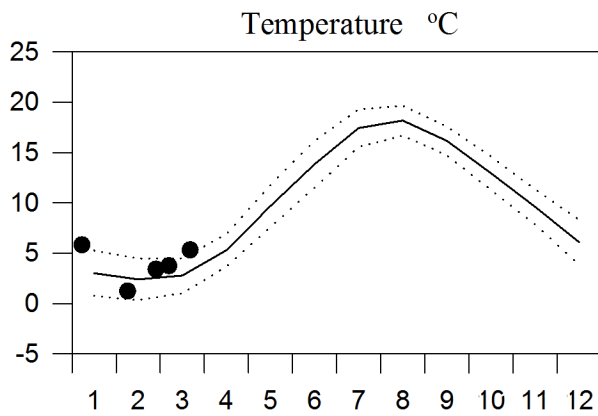
OXYGEN IN BOTTOM WATER (> 100m)



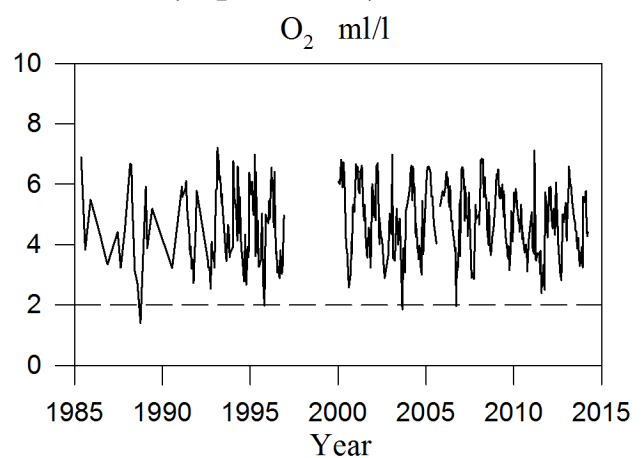
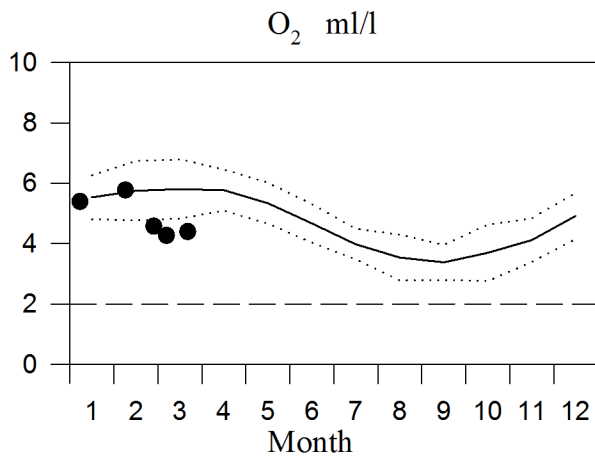
STATION SLÄGGÖ SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014



OXYGEN IN BOTTOM WATER (depth >50m)



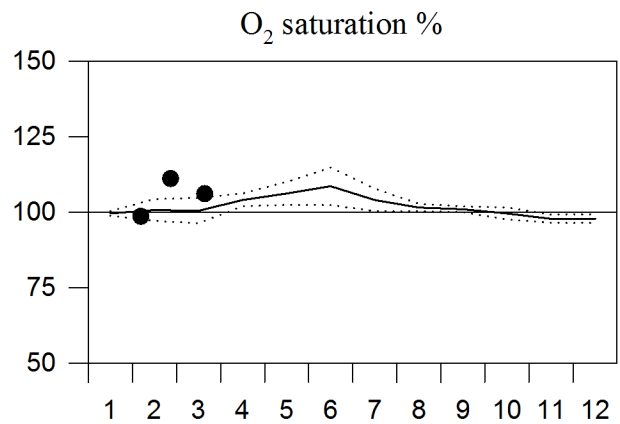
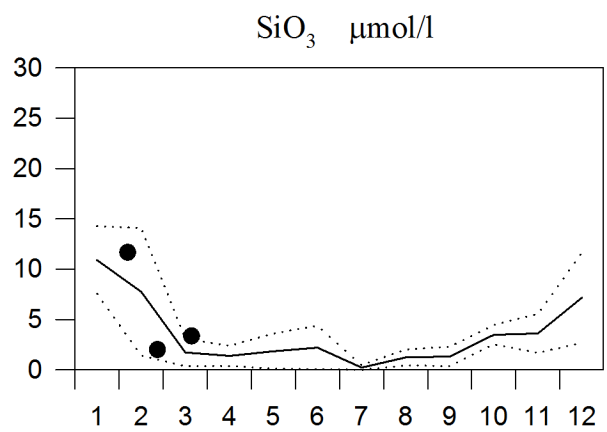
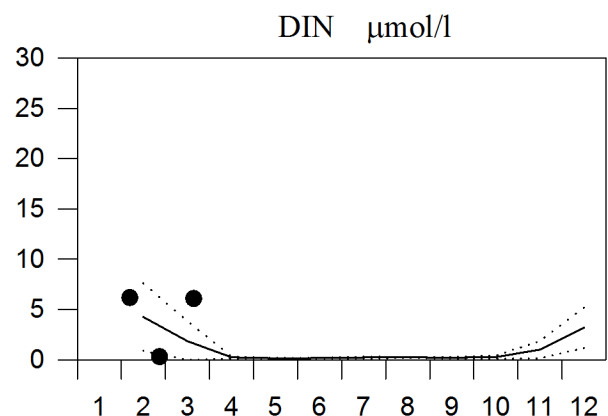
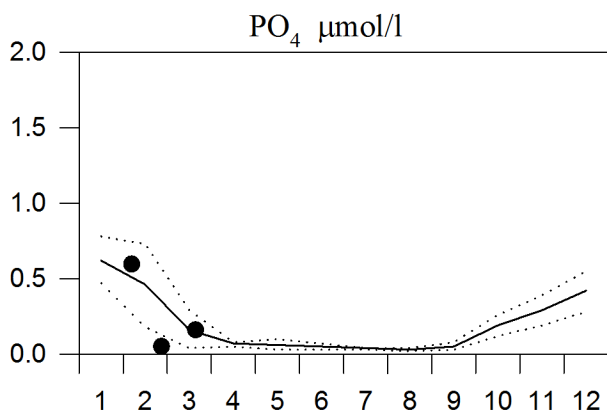
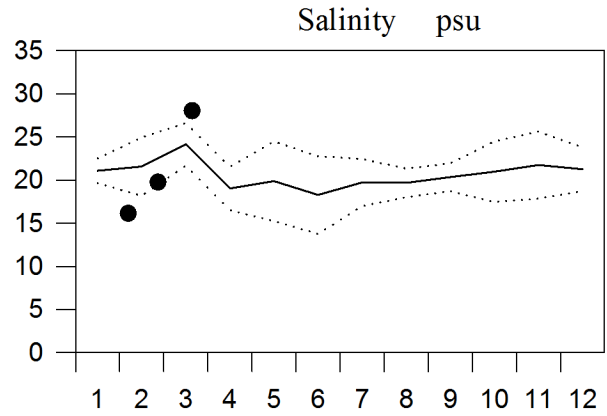
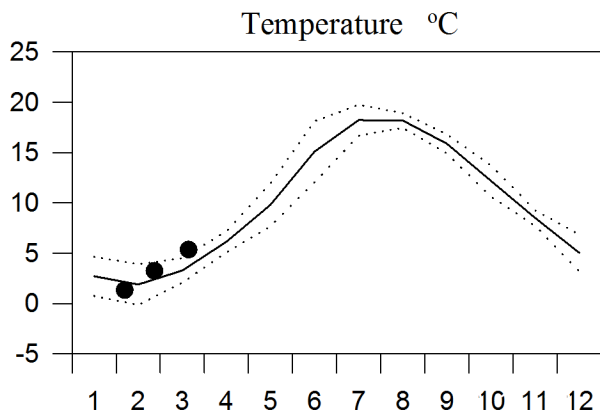
STATION N14 Falkenberg SURFACE WATER

Annual Cycles

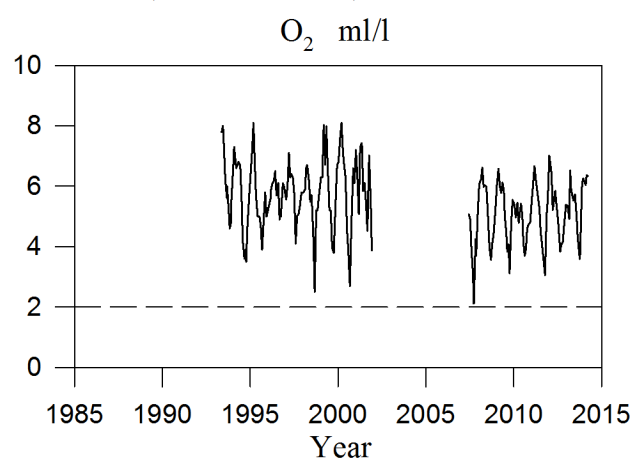
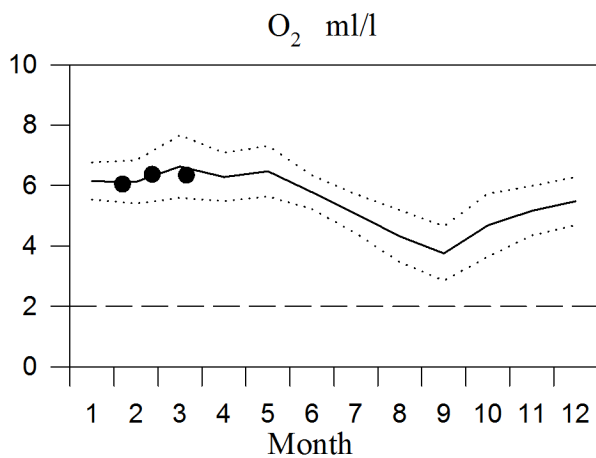
— Mean 2007-2010

..... St.Dev.

● 2014



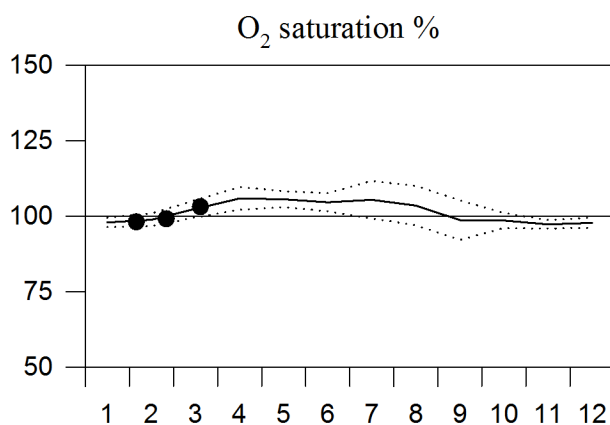
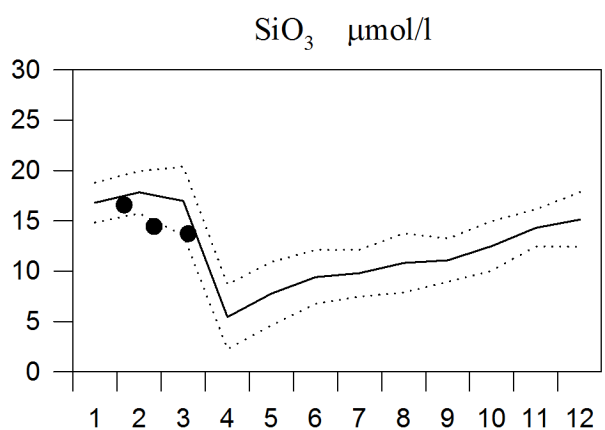
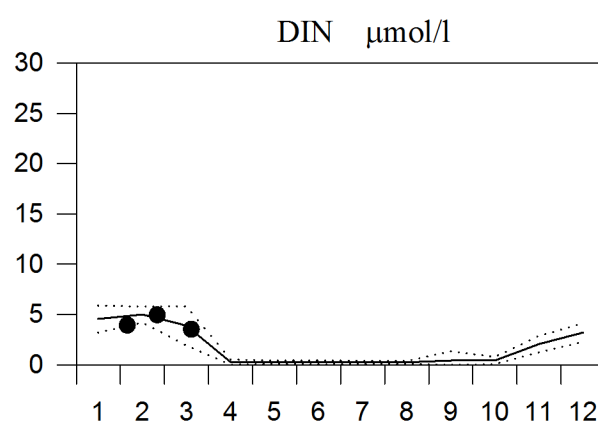
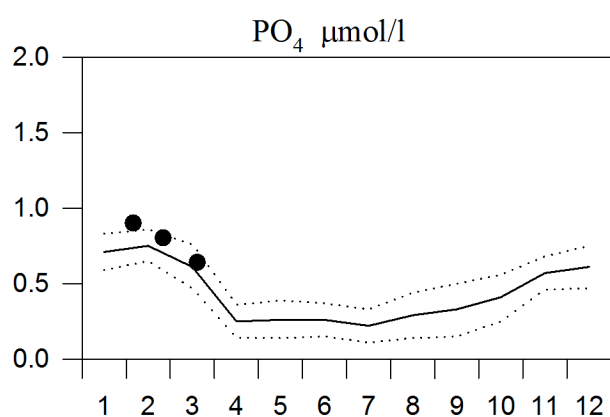
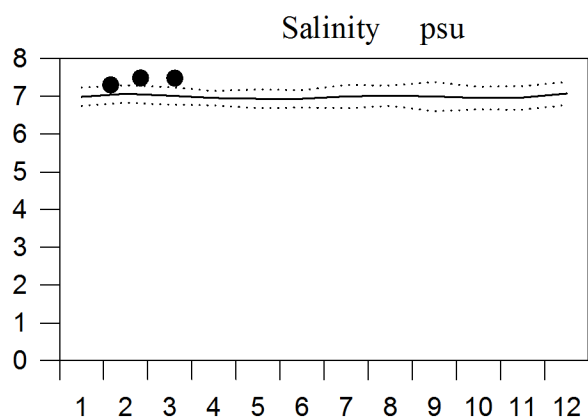
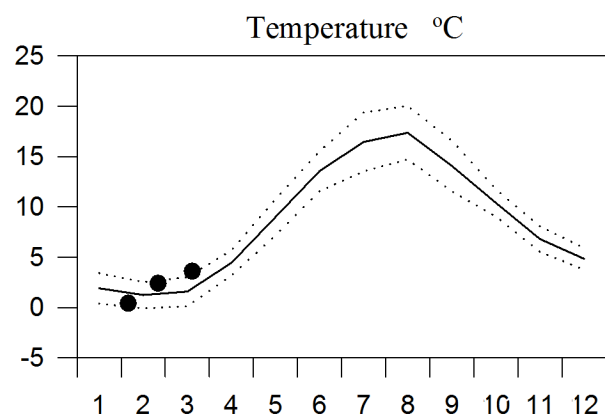
OXYGEN IN BOTTOM WATER (depth > 25m)



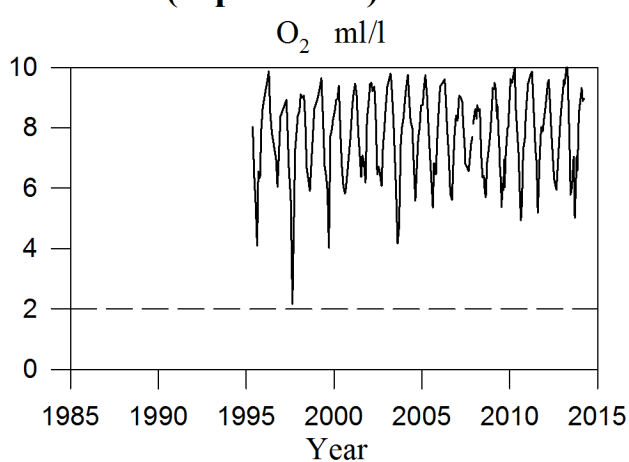
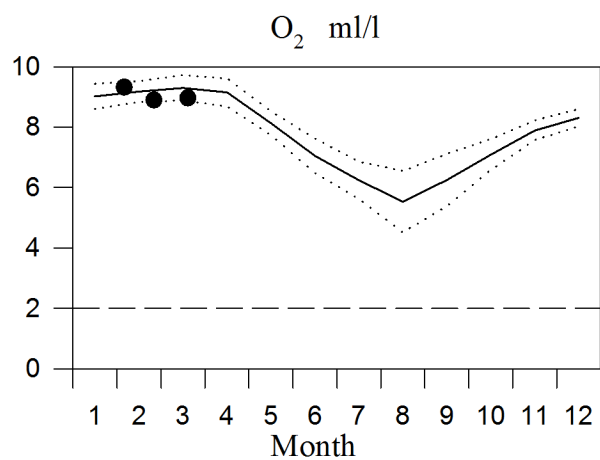
STATION REF M1V1 SURFACE WATER

Annual Cycles

— Mean 1996-2010 St.Dev. ● 2014

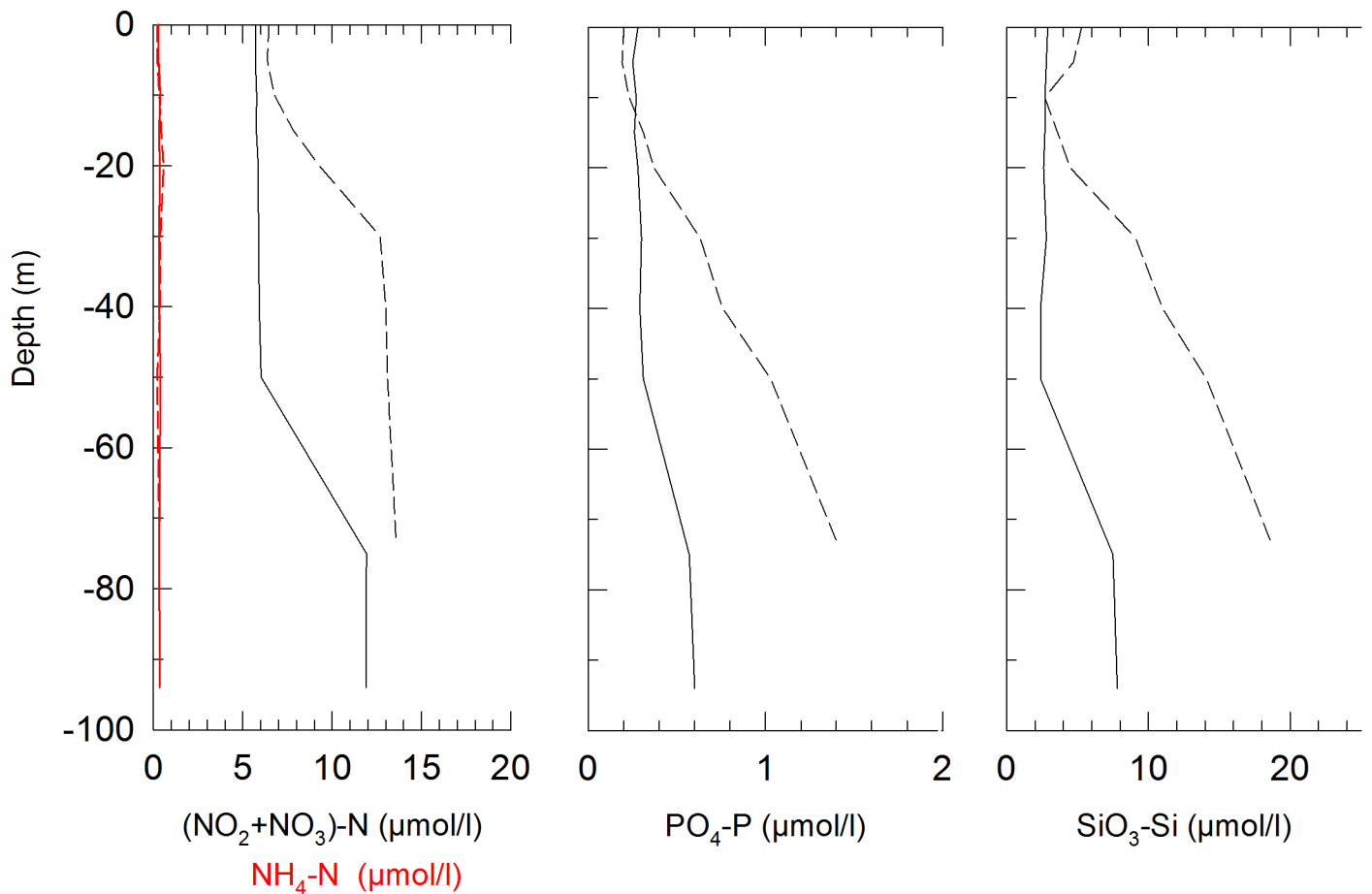
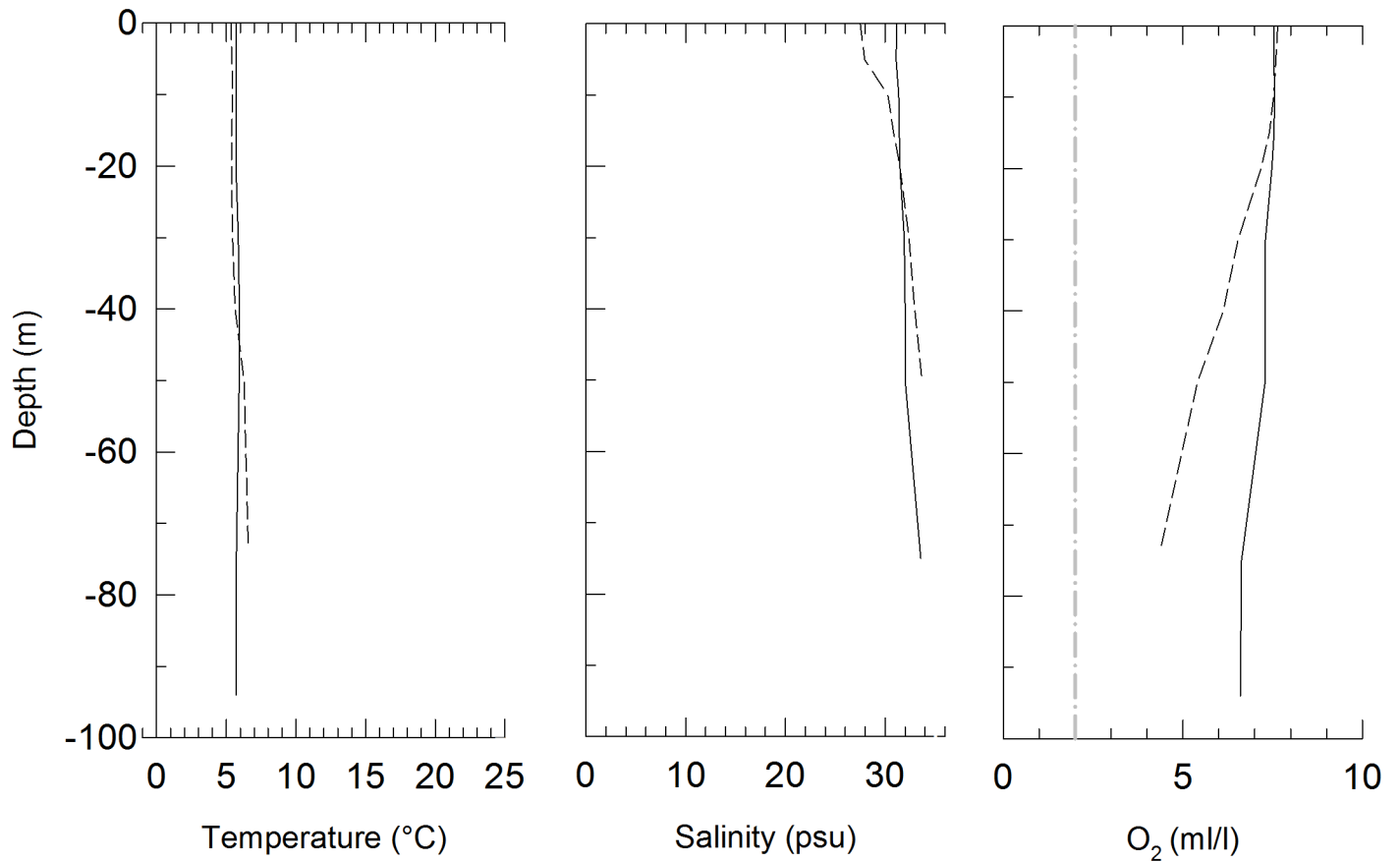


OXYGEN IN BOTTOM WATER (depth >15m)



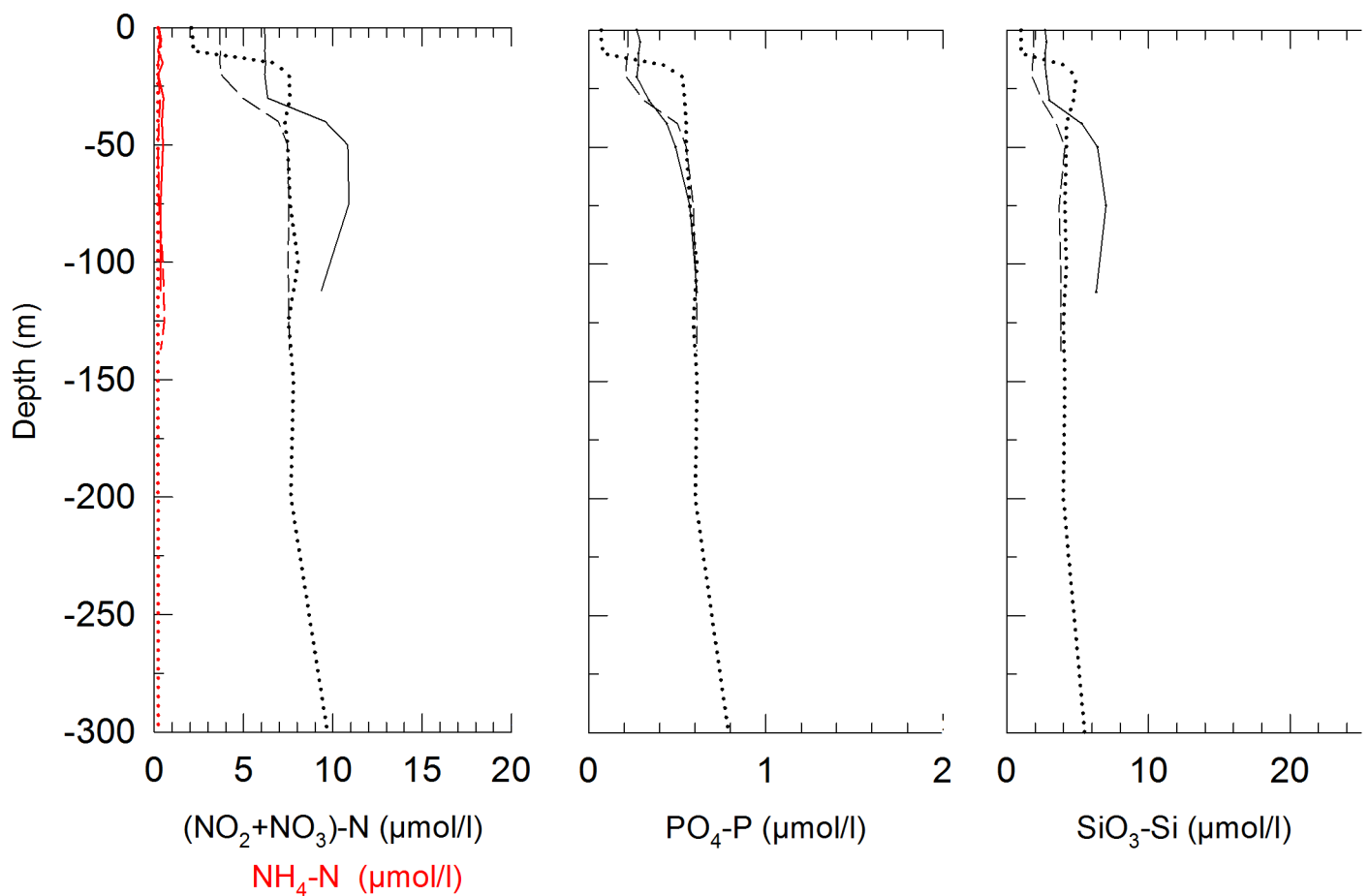
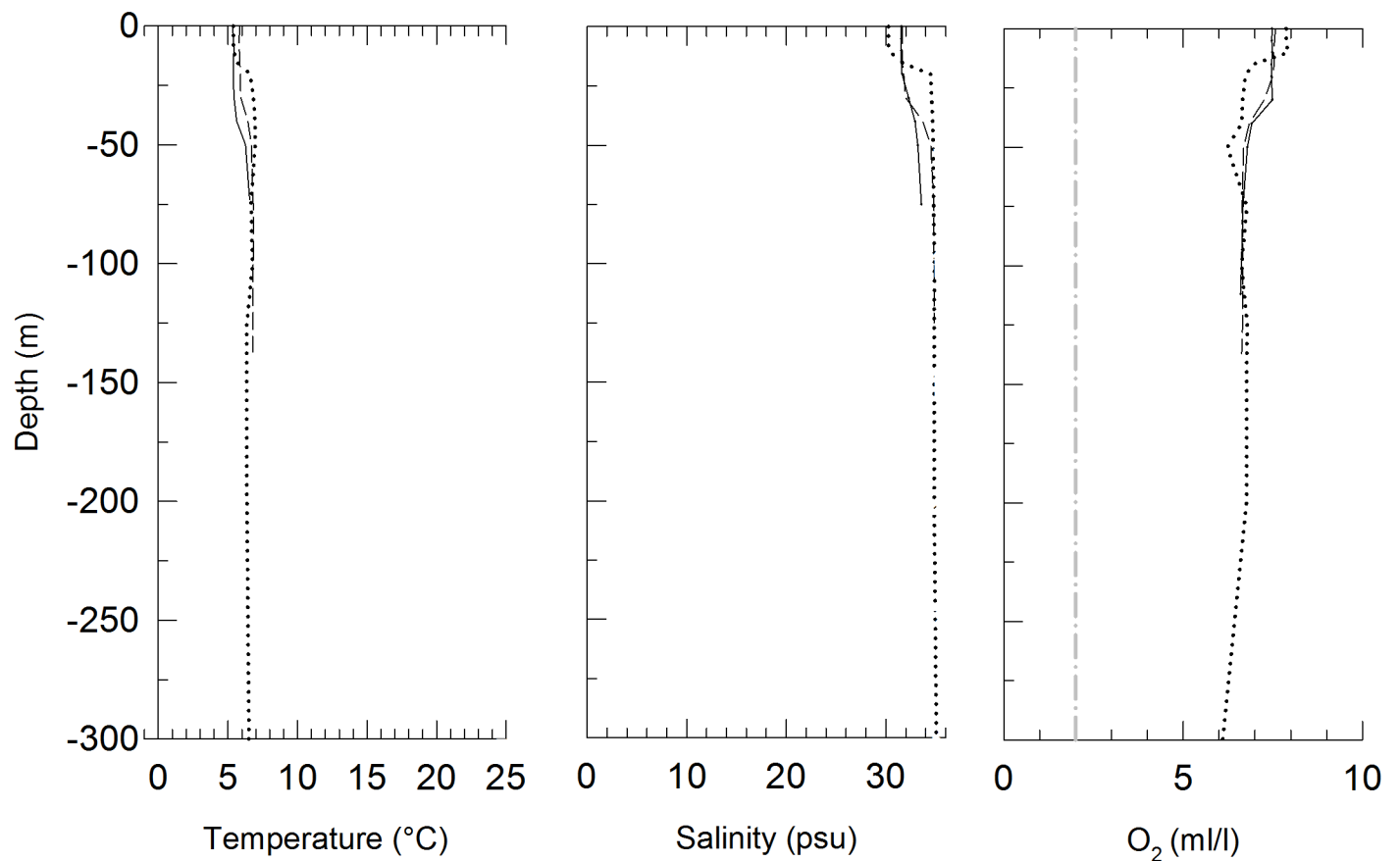
SKAGERRAK Coast 2014-03-21

———— P2 - - - - - Släggö

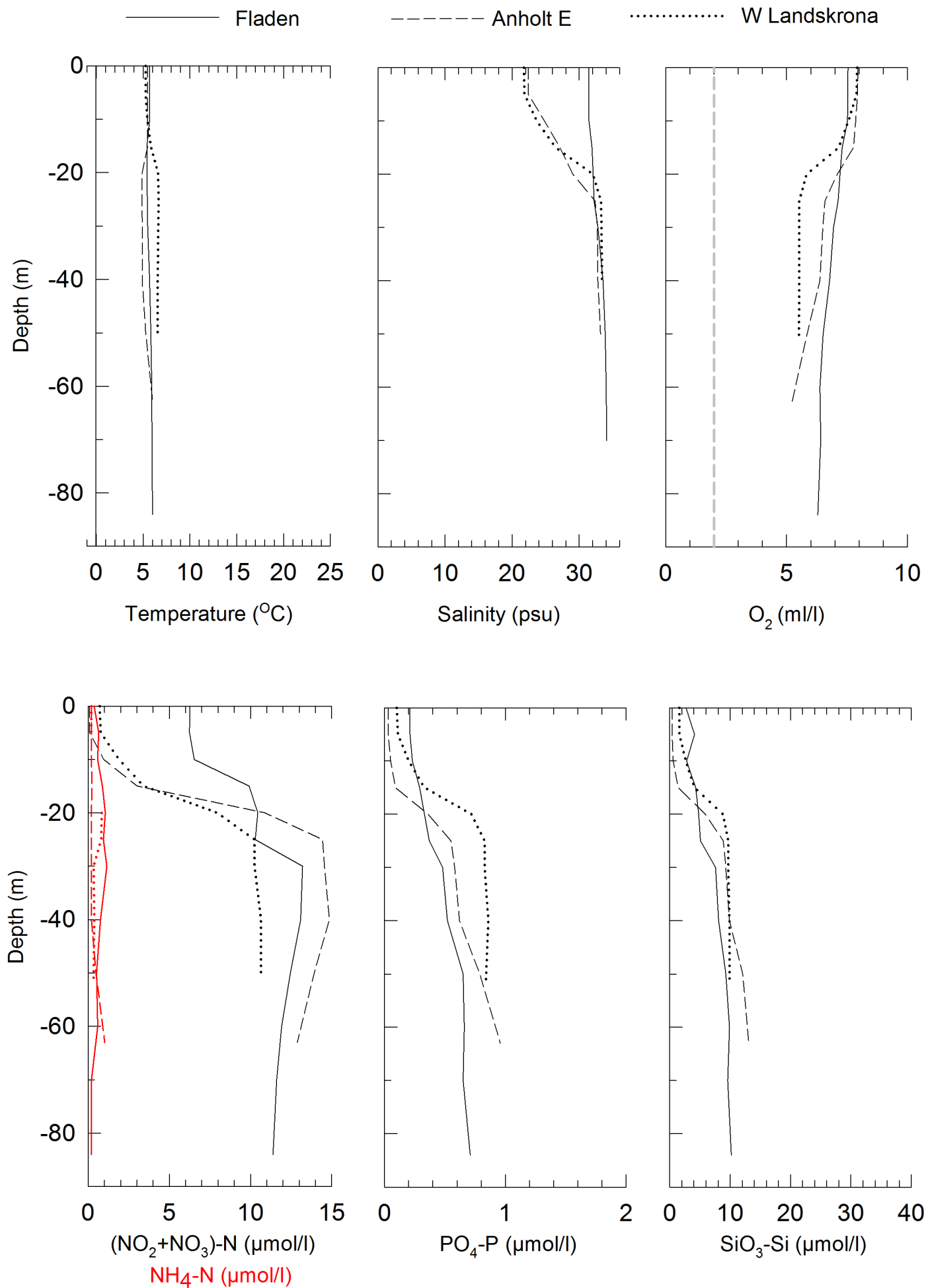


SKAGERRAK Å-Section 2014-03-21

———— Å13 - - - - - Å15 Å17

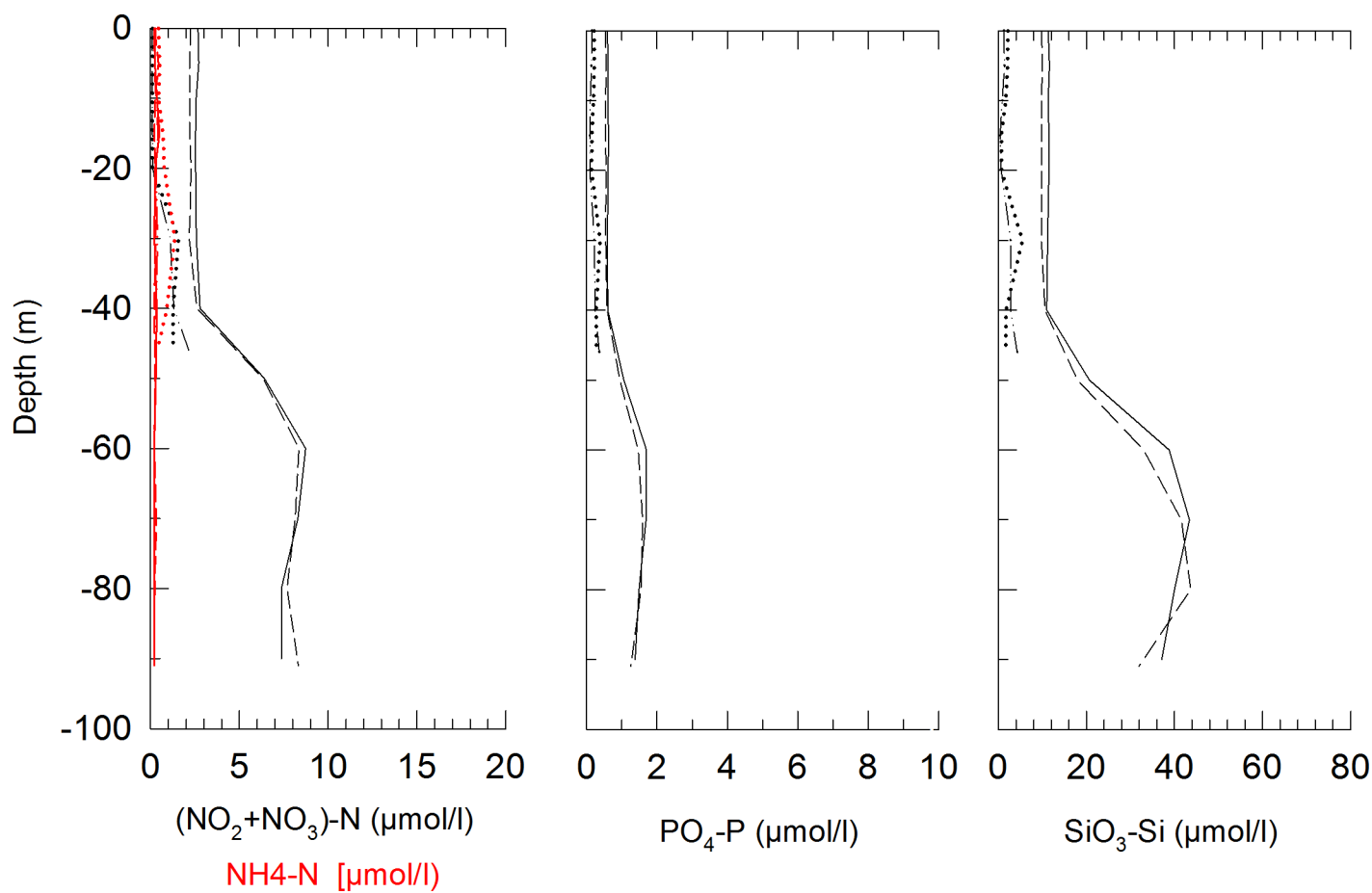
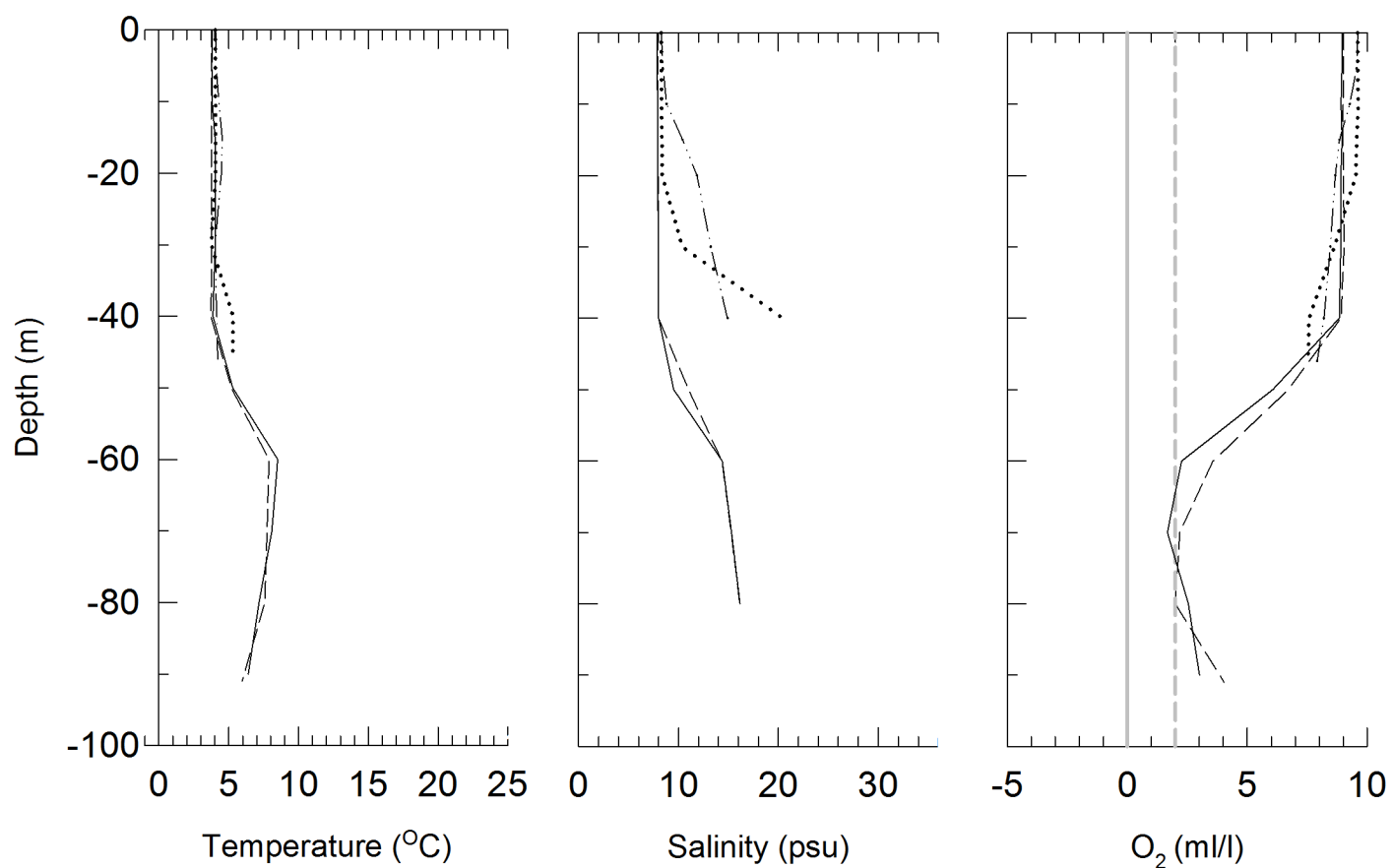


KATTEGAT and THE SOUND 2014-03-20/22



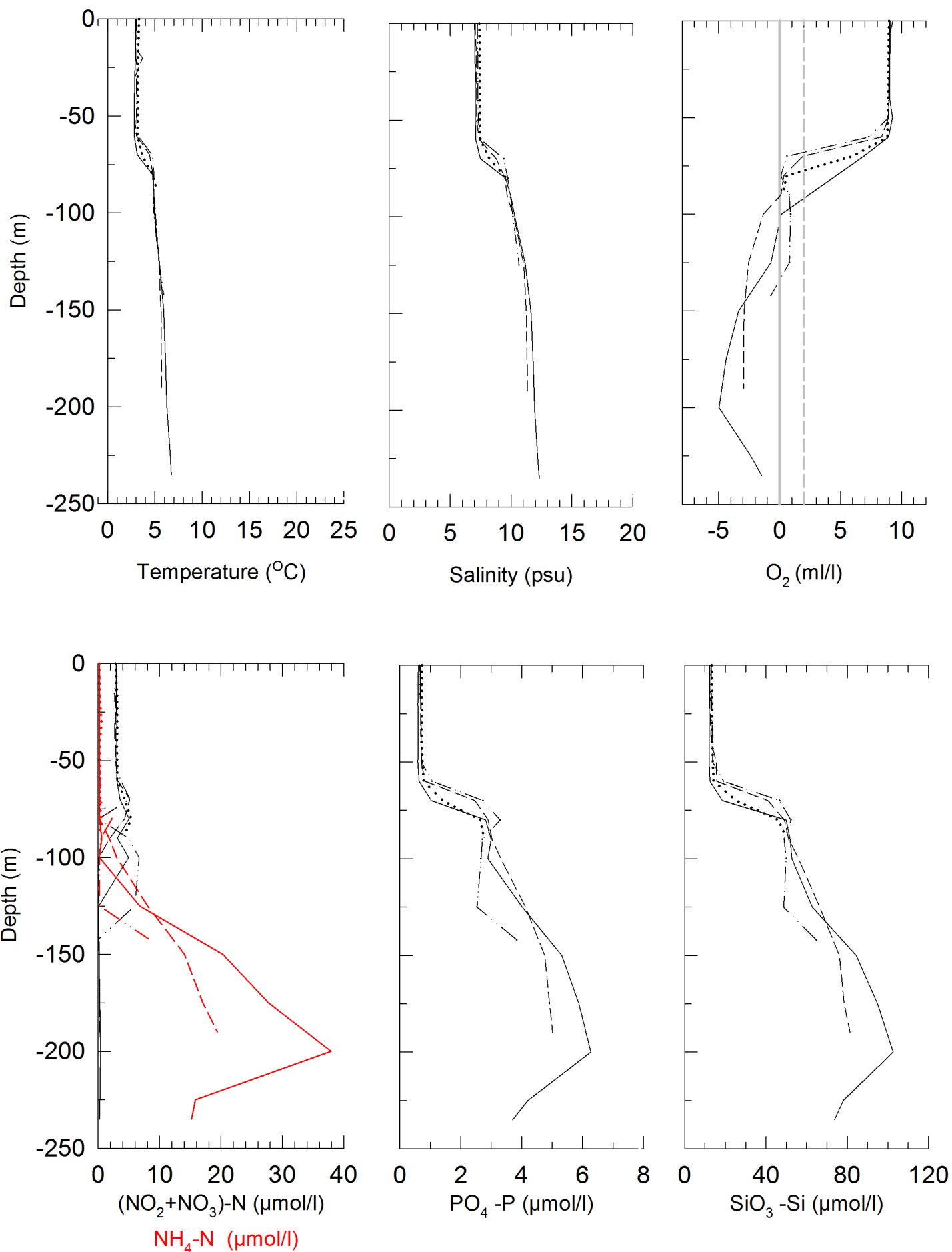
SOUTHERN BALTIC 2014-03-22/23

— BY5 - - - BY4 - · - · - BY2 ····· BY1



EASTERN BALTIC 2014-03-23/24

— — — BY20 — BY15 - - - BY10 BCS III-10



WESTERN BALTIC 2014-03-18/19

———— BY32 - - - - - BY38

