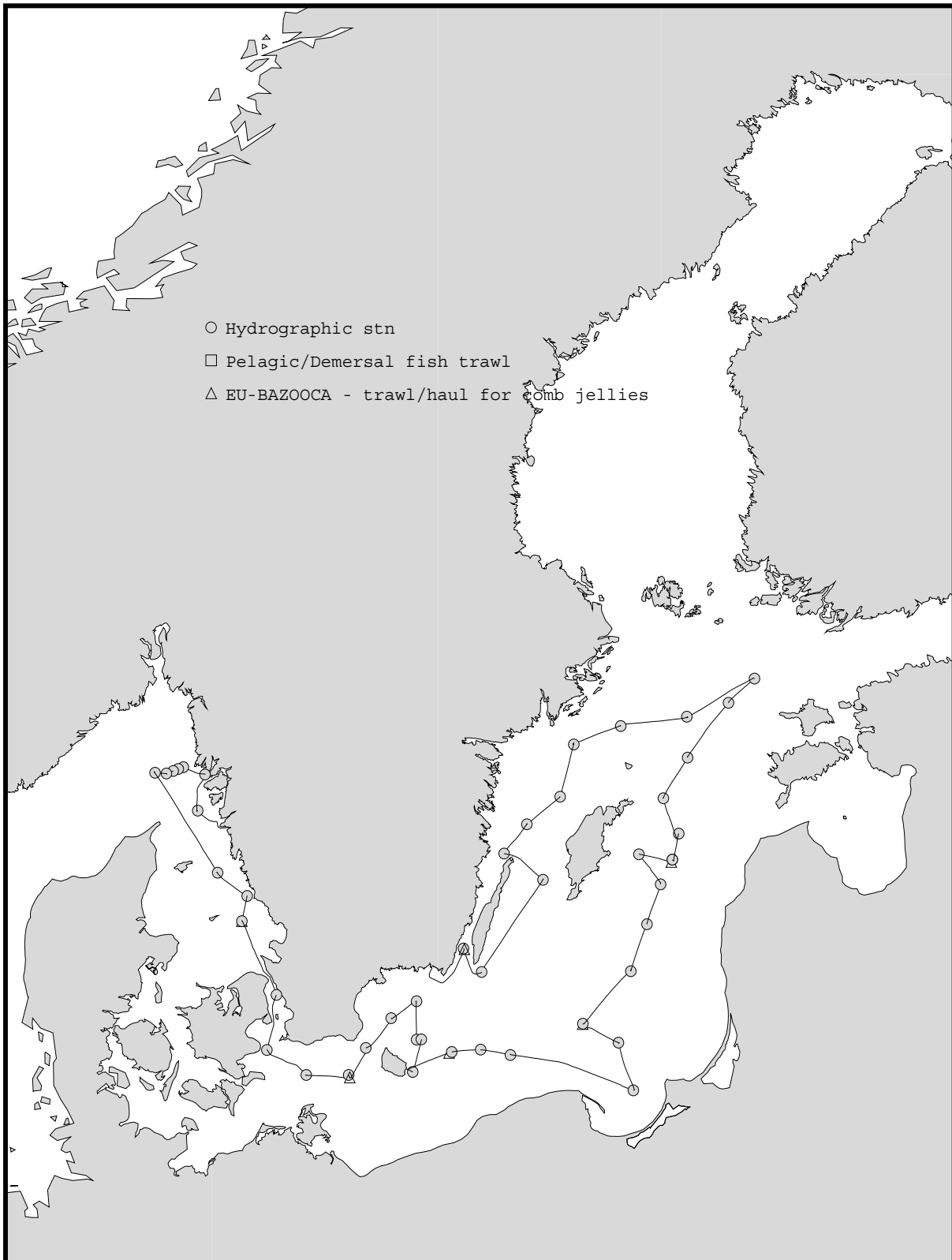


# TRACK CHART

Country: Sweden  
Ship : Argos  
Date : 20100214-20100221  
Series : 0153-0198





SMHI  
Ocean enh

\*\*\*\*\* Hydrographic Ship: 14-Argos  
\*\*\*\*\* series Year: 2010

\*\*\*\*\*  
\*\*\*\*\* Date: 2010-02-21  
Time: 08:25

Ser no	Stat code	P	Station	Lat	Lon	Date	Time	Bottom	Secchi	Wind	Air temp	Air pres	WCSI	C	PPCZZT	No	T	S	P	O	H	P	T	N	N	N	T	A	S	H	L	P	P	T	C		
						yyyymmdd	hhmm	depth	depth	di ve	C	hPa	aoae	d	Cilyooa	de	e	a	x	2	o	o	o	h	o	l	i	u	i	O	O	O	O	O	O	O	
							utc	m	m				tu	motPBw	p	i	g	P	P	N	N	N	N	N	N	a	3	u	n	C	m	C	m	C	m		
												hd	PrP	l	n													l	s	i							
0180	BPEX13BAS	BY10		N5638	E1935	20100218	0410	142		08 5	-1.7	1003	9990	x	--x----	15	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	x	
0181	BPEX14BAS	BY11		N5704	E1950	20100218	0715	206		08 7	-2.0	1004	2830	x	-----	17	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	x	
0182	BPEX19BAS	BY13		N5723.5	E1926	20100218	1015	119	14	08 8	-2.4	1004	2830	x	-----	14	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	x	
0183	BPEX21BAS	BY15	GOTLANDSDJ	N5720	E2003	20100218	1325	240	11	06 10	-2.4	1003	2830	x	-----	19	x	x	-	x	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	x	
0184	BPEX21EXT	BY15	GOTLANDSDJ	N5720	E2003	20100218	1430	240		06 10	-2.4	1003	2830	x	-----	6	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	x	
0185	BPEX25BAS	BY19		N5737	E2010	20100218	1630	159		06 10	-2.4	1002	9990	x	-----	15	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	x	
0186	BPEX26BAS	BY20	FÅRÖDJ	N5800	E1953	20100218	1940	202		09 12	-3.4	1002	9990	x	--x----	17	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	x	
0187	BPNX27BAS	BY21		N5826.5	E2020	20100218	2350	122		06 11	-4.5	1001	9999	x	-----	14	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-	
0188	BPNX34BAS	BY28		N5902	E2105	20100219	0450	192		08 15	-5.7	997	7999	x	-----	17	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-	
0189	BPNX33BAS	BY27		N5917.8	E2134	20100219	0835	162		05 15	-5.7	997	7850	x	-----	15	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-	
0190	BPNX35BAS	BY29		N5853	E2019	20100219	1325	173		08 9	-3.7	998	2840	x	--x----	16	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-	
0191	BPNX36BAS	BY30		N5847	E1906	20100219	1755	186		04 13	-3.1	998	7999	x	-----	16	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-	
0192	BPNX37BAS	BY31	LANDSORTSDJ	N5835	E1814	20100219	2150	455		05 11	-2.9	998	7999	x	-----	23	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-	
0193	BPWX38BAS	BY32	NORRKÖPINGSDJ	N5801	E1759	20100220	0310	206		07 10	-3.0	995	7990	x	--x----	17	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-	
0194	BPWX42BAS	BY36		N5743	E1722	20100220	1635	140		06 14	-2.6	993	2840	x	-----	15	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-	
0195	BPWK19EXT	BLÅ JUNGFRUN		N5724	E1657	20100220	0940	36		06 13	-2.1	990	2840	x	--x----	6	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
0196	BPWX45BAS	BY38	KARLSÖDJ	N5707	E1740	20100220	1325	110		07 10	-1.6	990	7840	x	--x----	14	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-	
0197	BPSE49BAS	BY39	ÖLANDS S UDDE	N5607	E1632	20100220	2205	49		17 9	2.2	990	9990	x	-----	8	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-	
0198	BPWK01BAS	REF M1V1		N5622.25	E1612.1	20100221	0115	21		19 10	0.5	989	7999	x	-----	5	x	x	-	x	x	x	x	x	x	x	x	-	x	-	-	-	-	-	-	-	

# Bottom water oxygen concentration (ml/l)

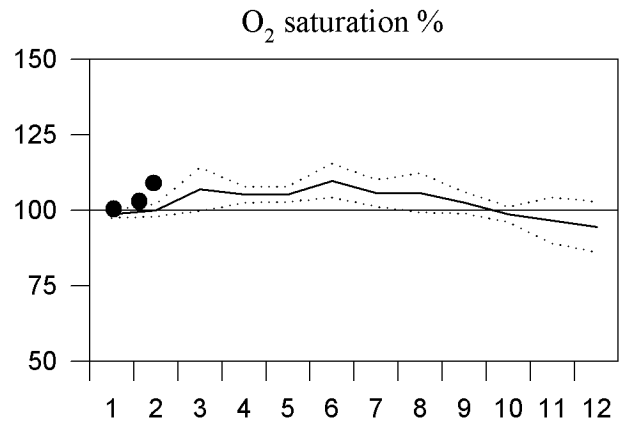
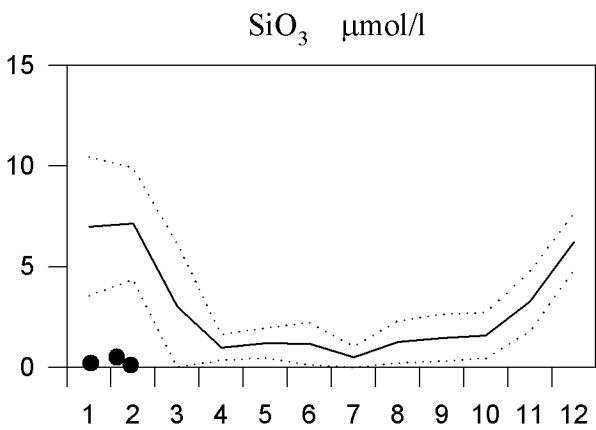
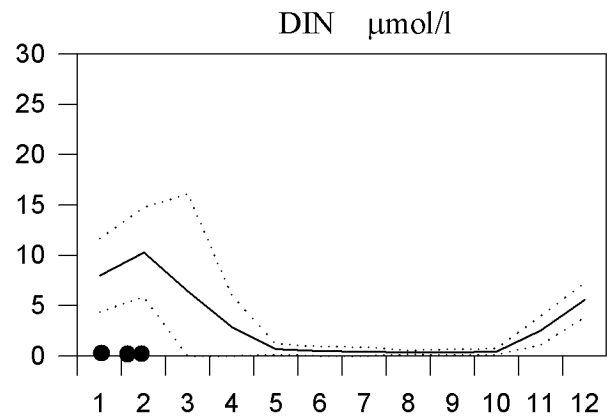
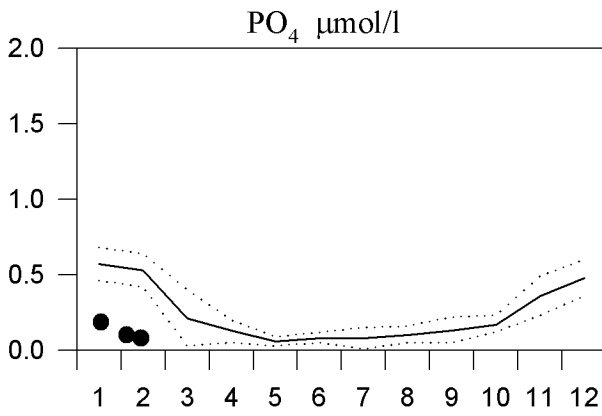
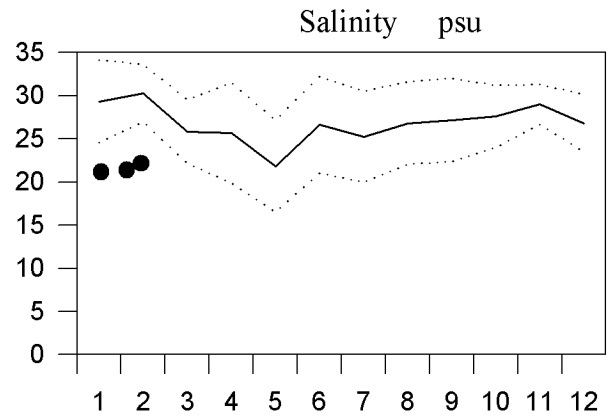
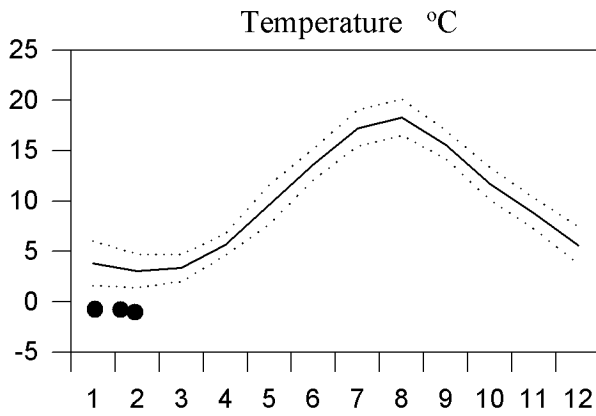
Country: Sweden  
Ship : Argos  
Date : 20100214-20100221  
Series : 0153-0198



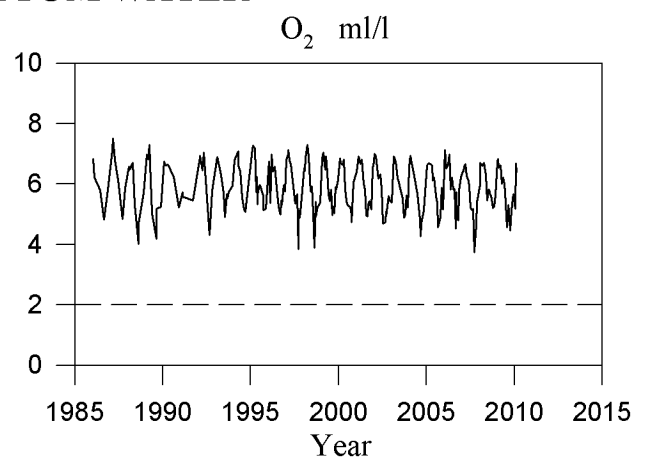
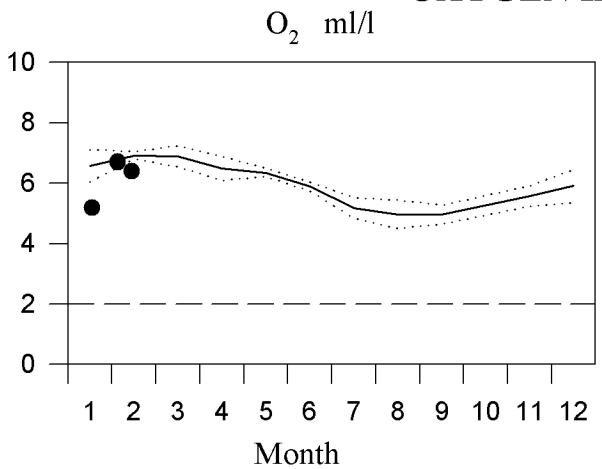
# STATION P2 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2010



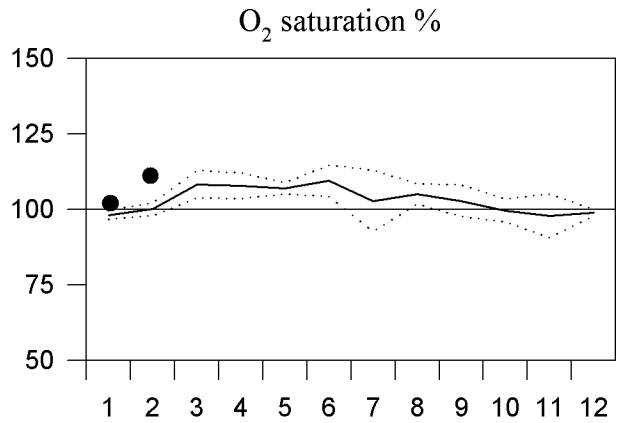
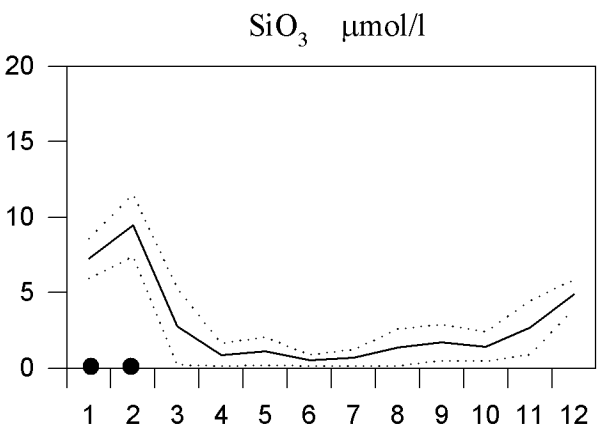
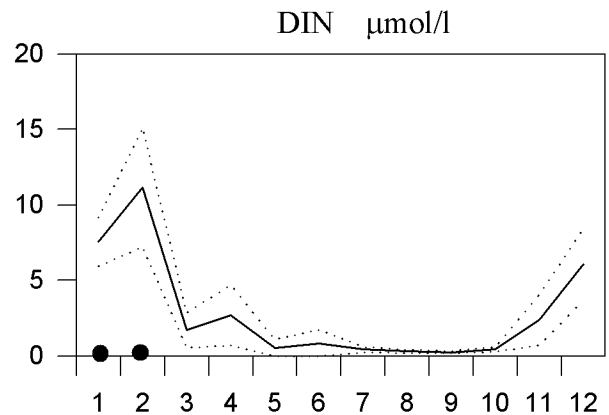
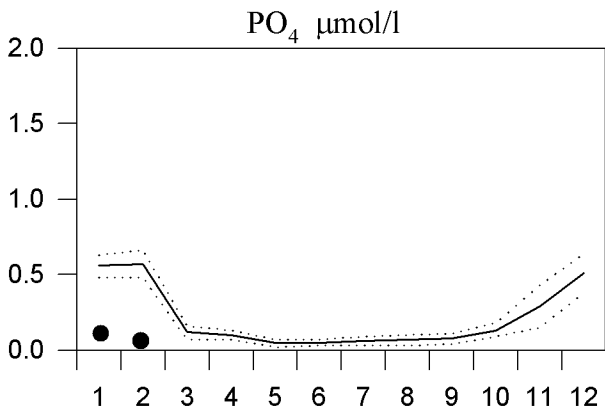
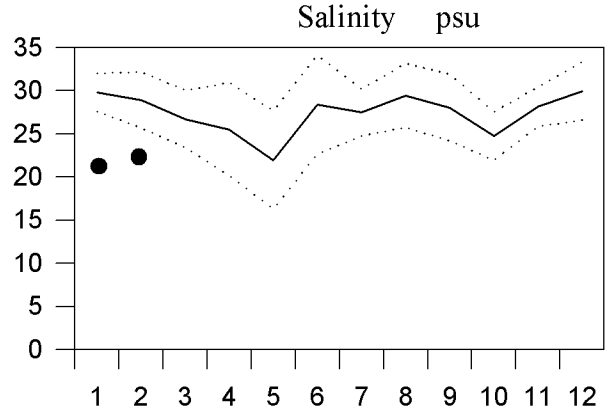
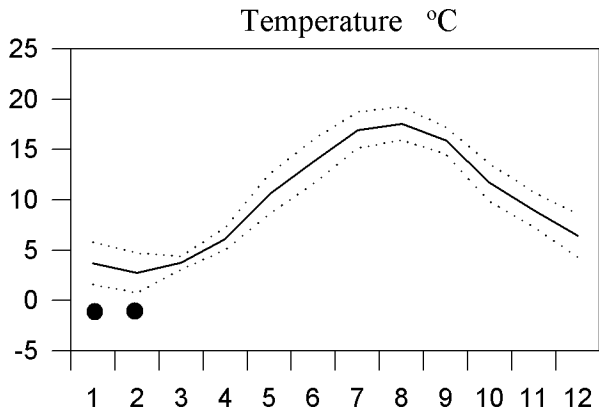
## OXYGEN IN BOTTOM WATER



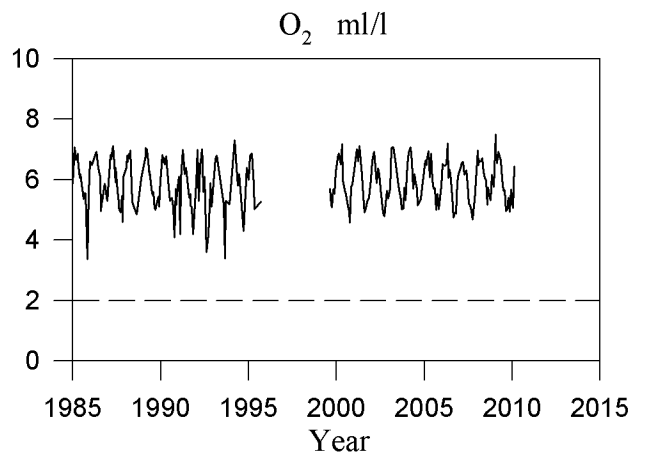
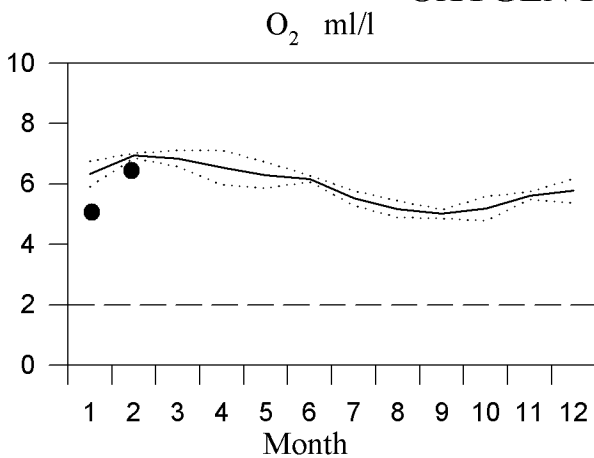
# STATION Å13 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2010



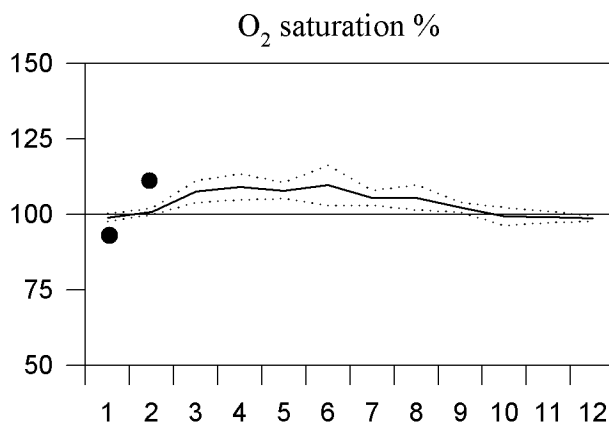
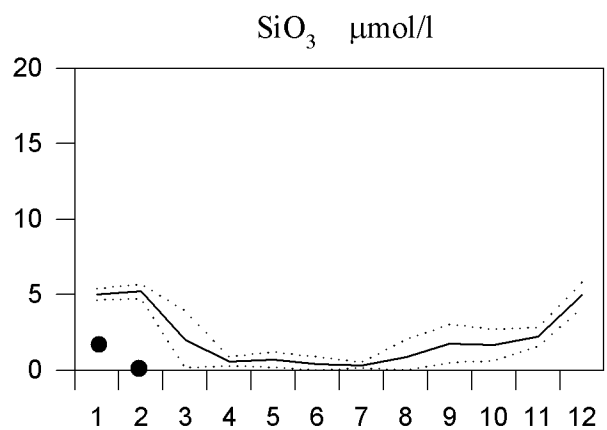
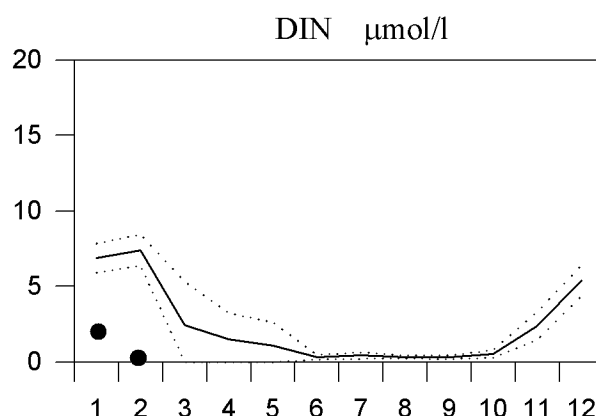
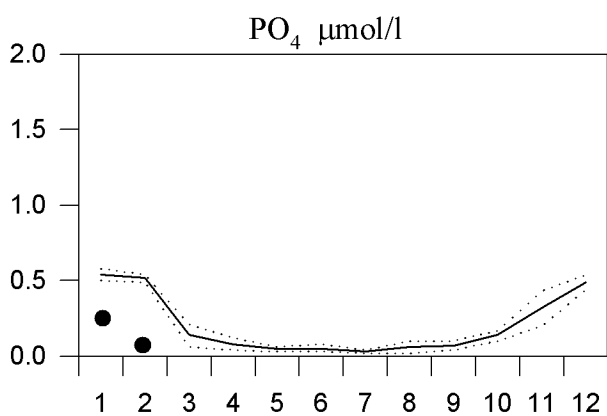
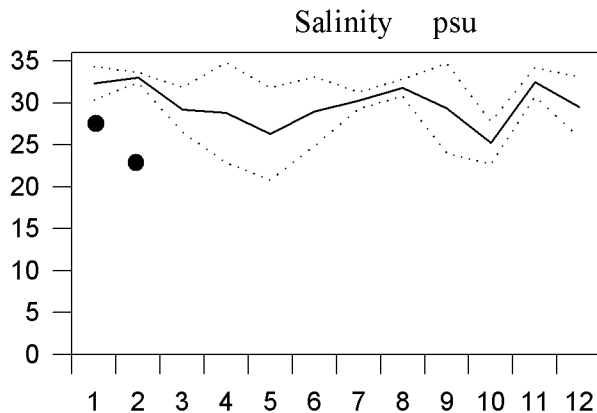
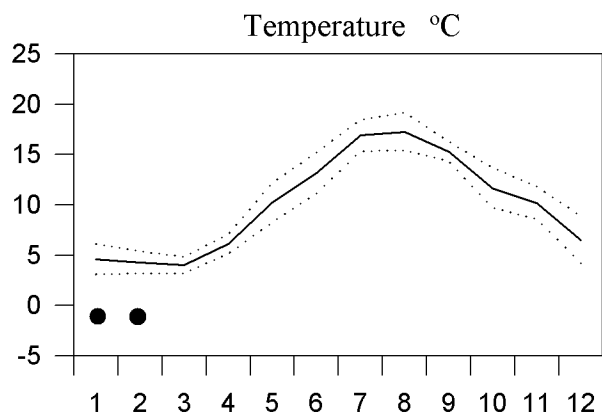
## OXOGEN IN BOTTOM WATER



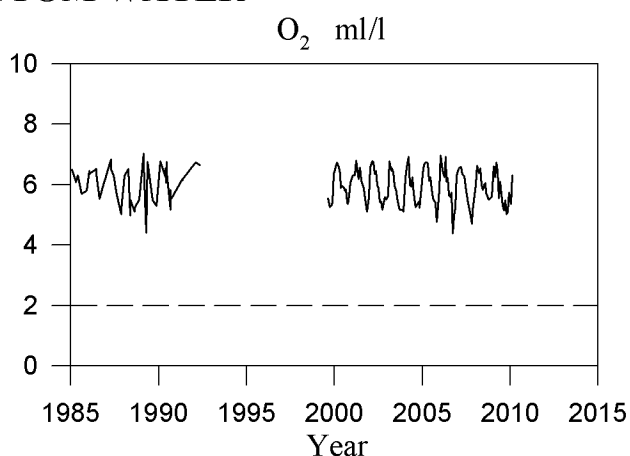
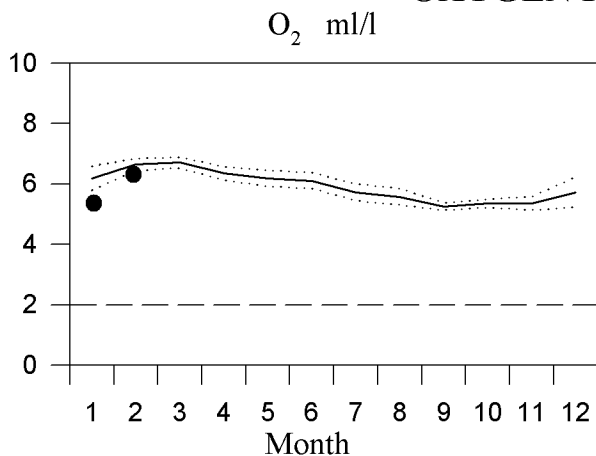
# STATION Å15 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2010



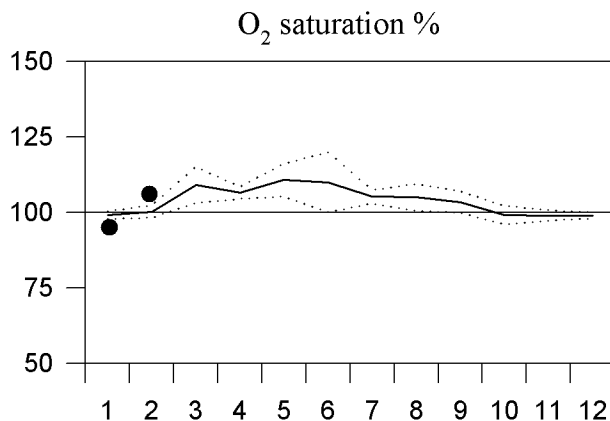
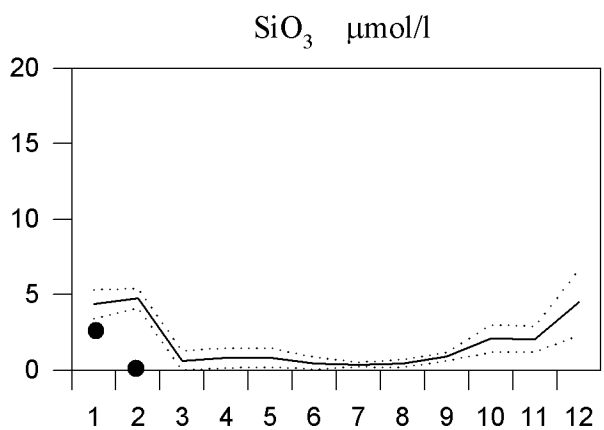
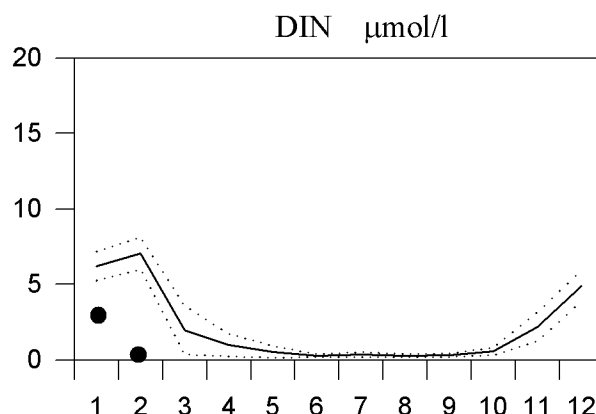
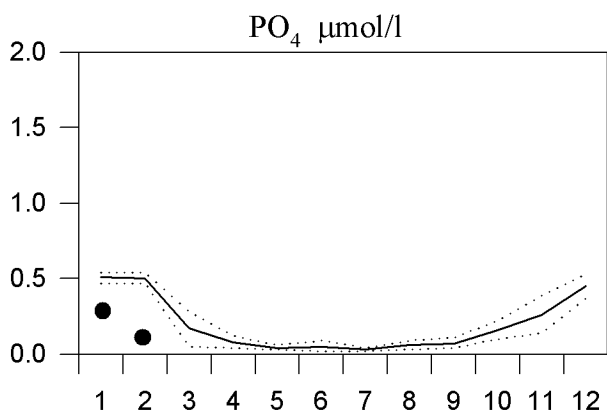
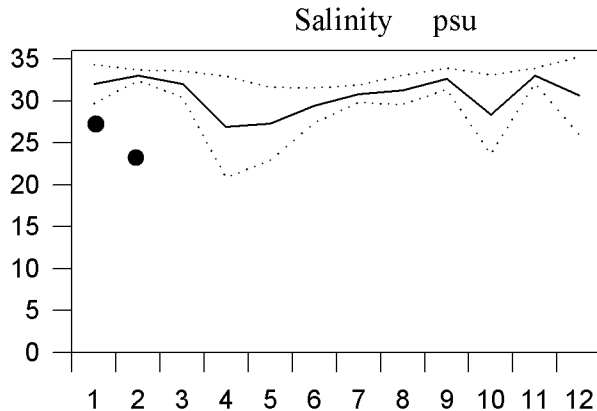
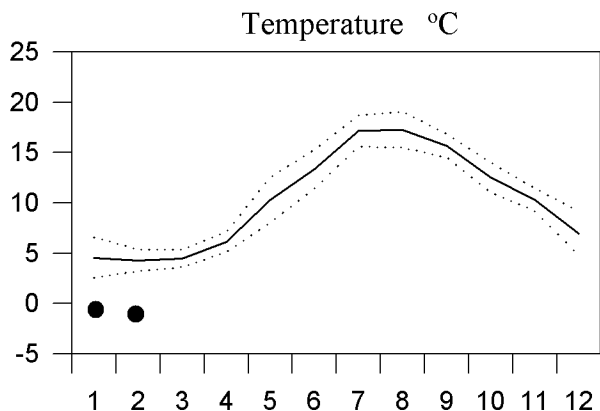
## OXYGEN IN BOTTOM WATER



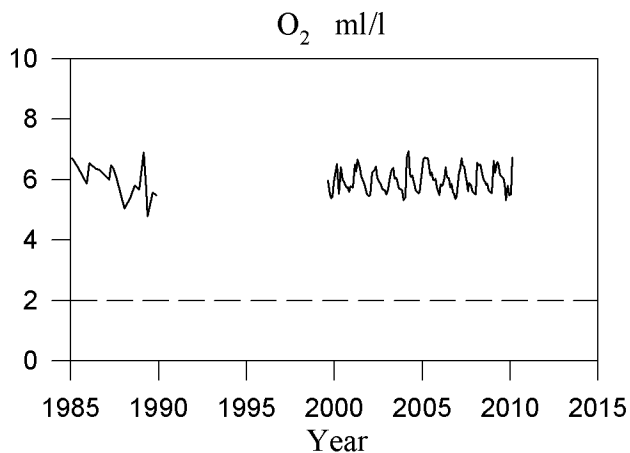
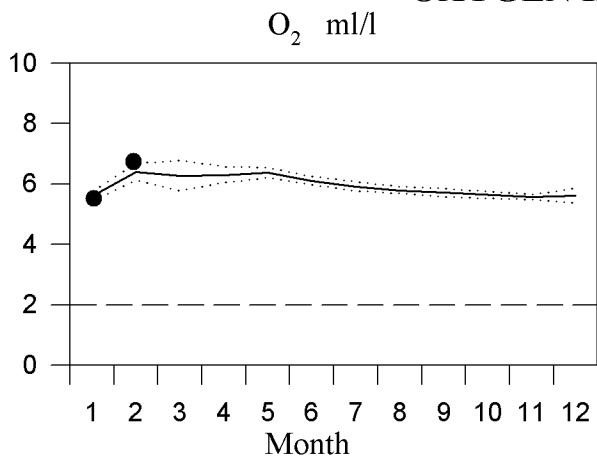
# STATION Å17 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2010



## OXYGEN IN BOTTOM WATER

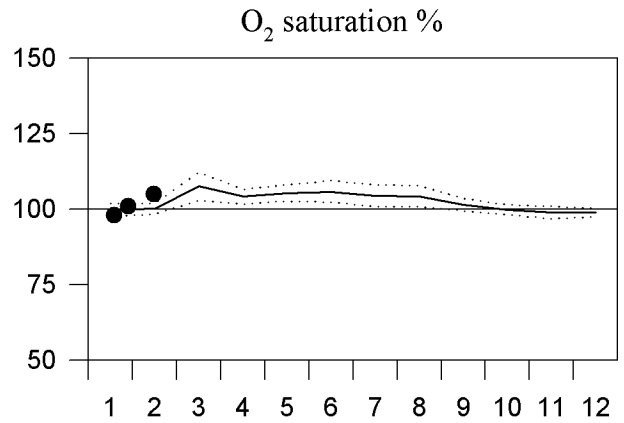
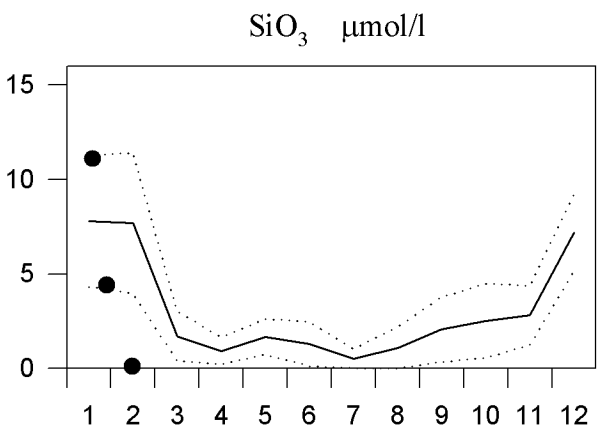
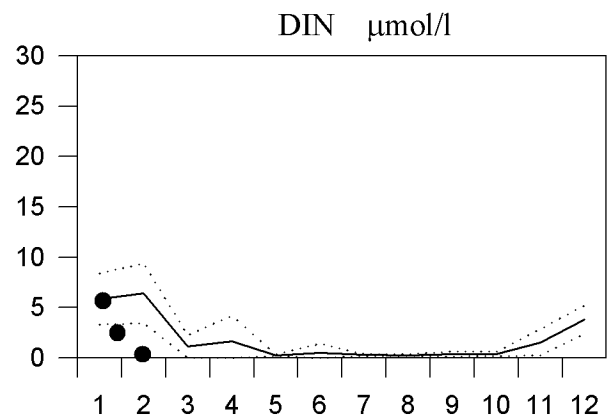
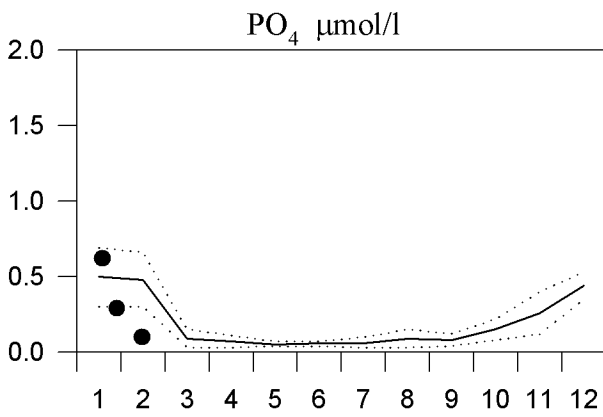
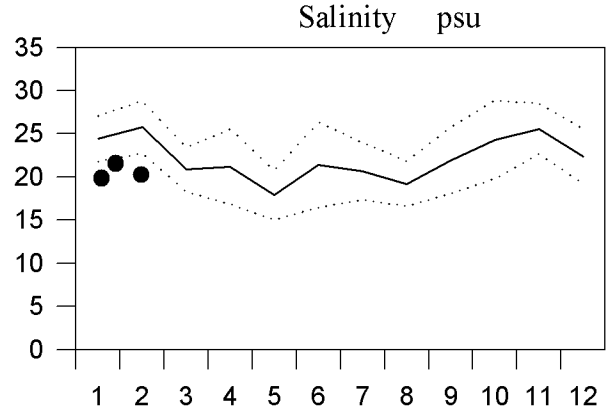
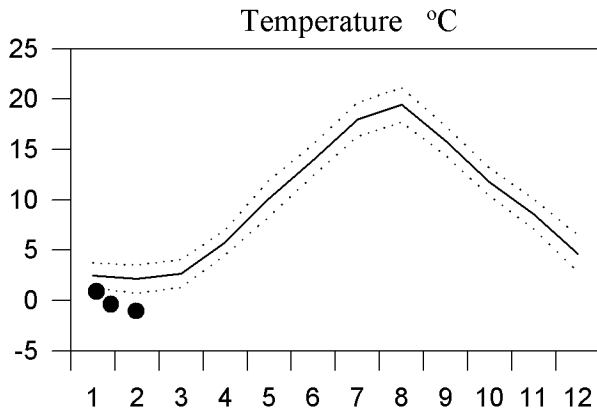




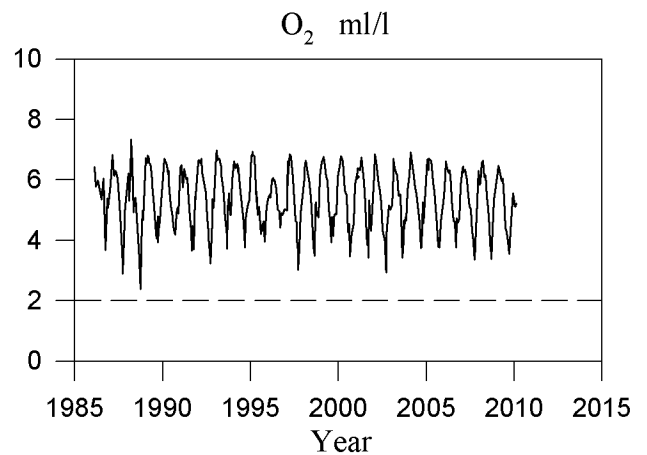
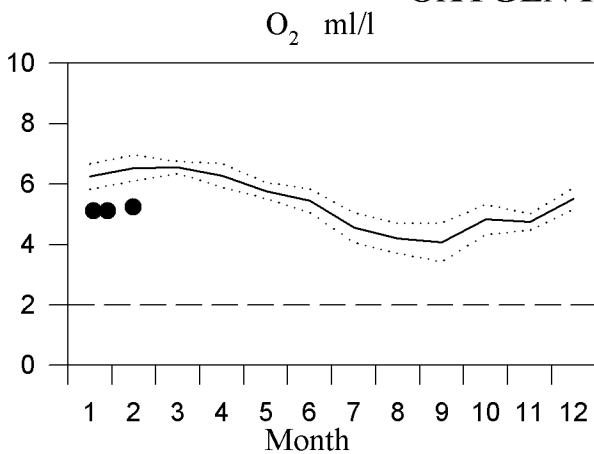
# STATION FLADEN SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ····· St.Dev.      ● 2010



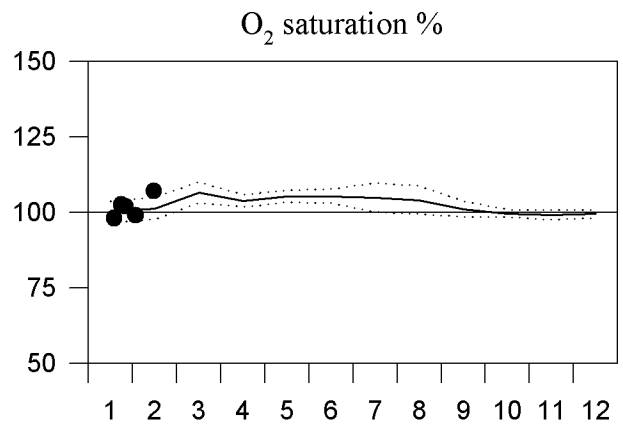
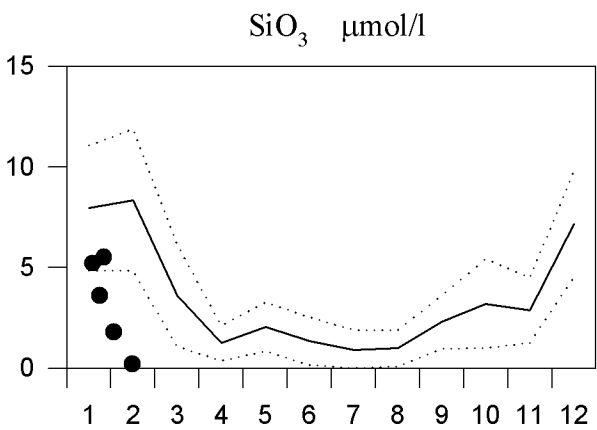
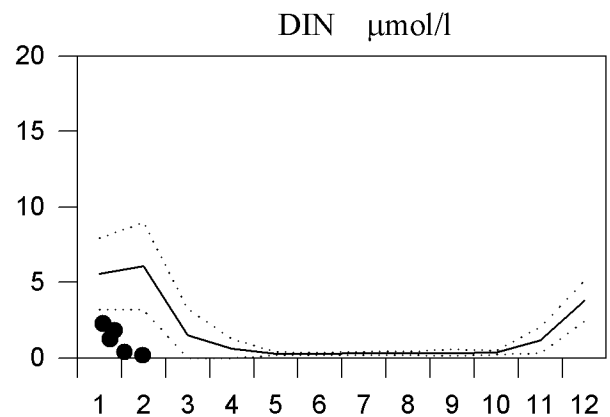
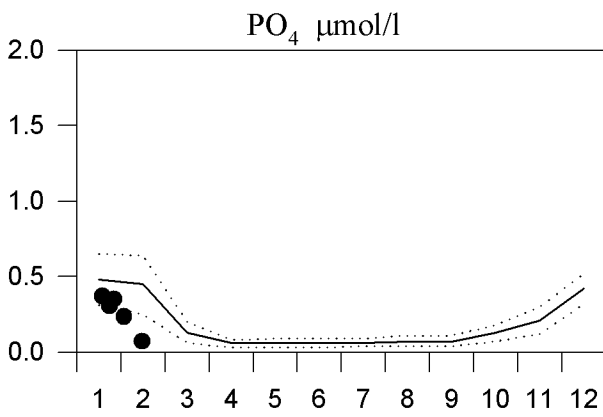
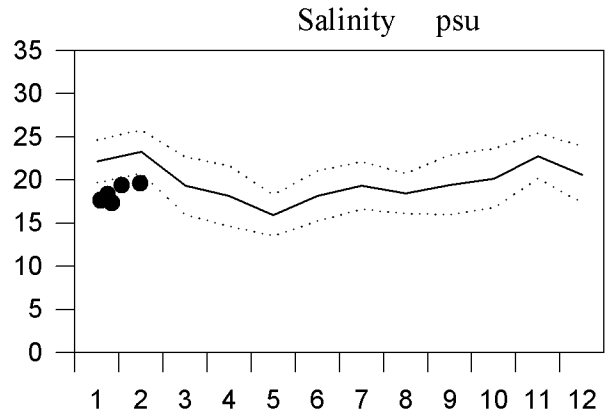
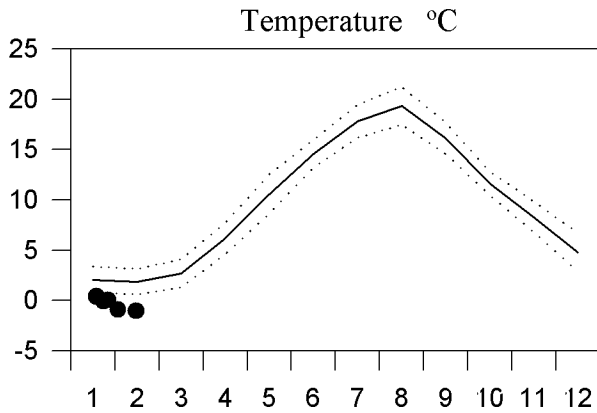
## OXYGEN IN BOTTOM WATER



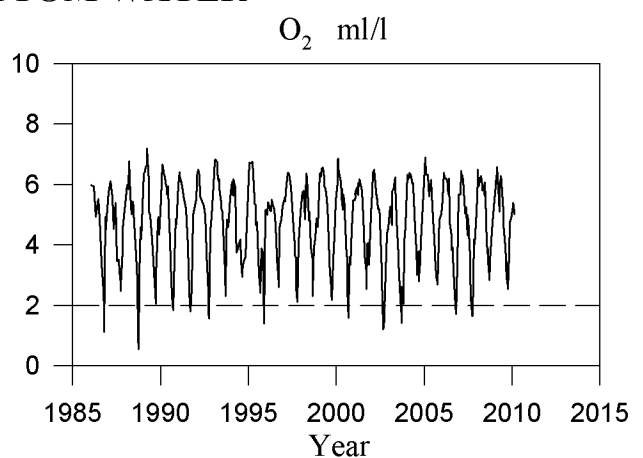
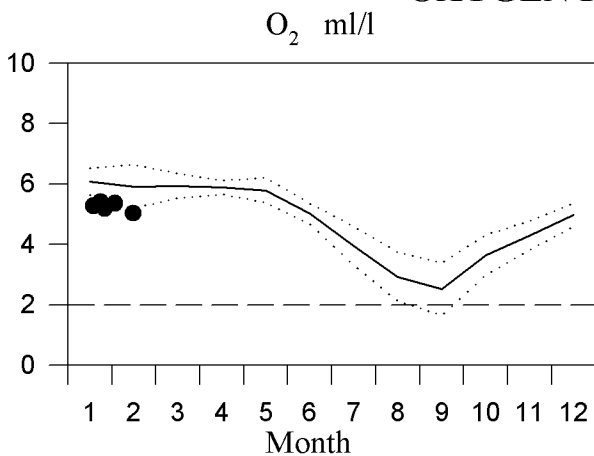
# STATION ANHOLT E SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2010



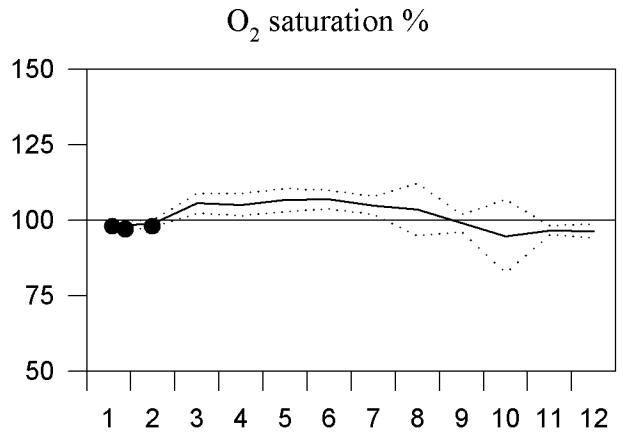
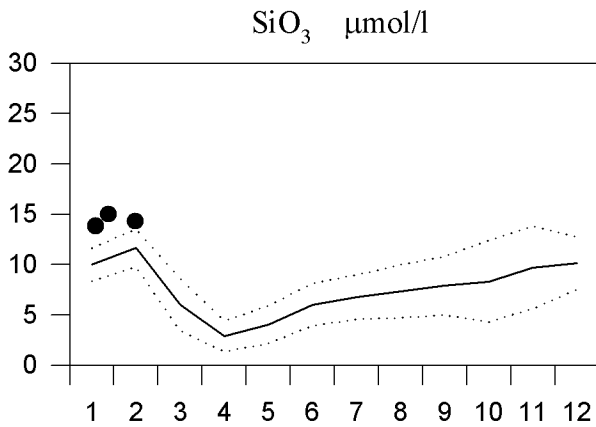
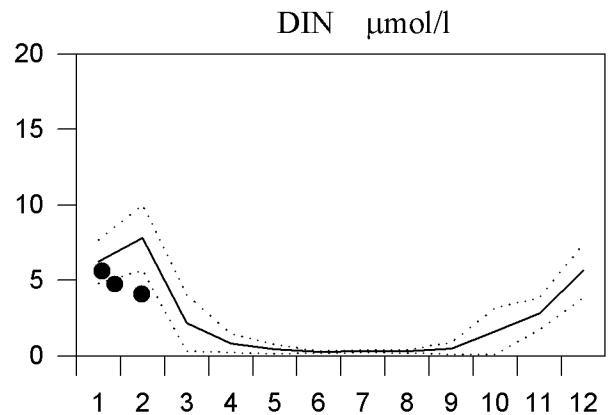
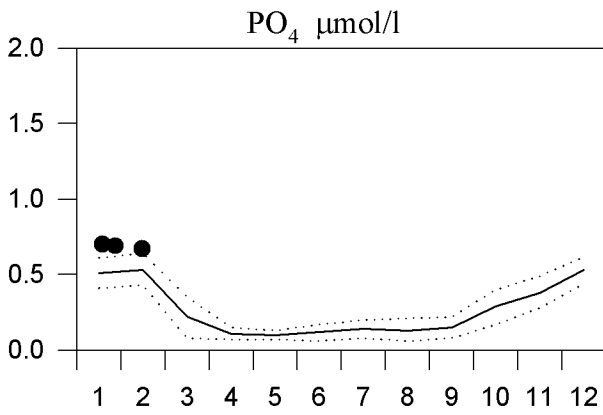
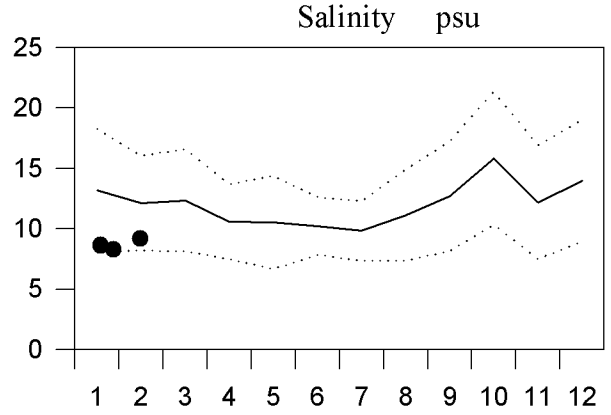
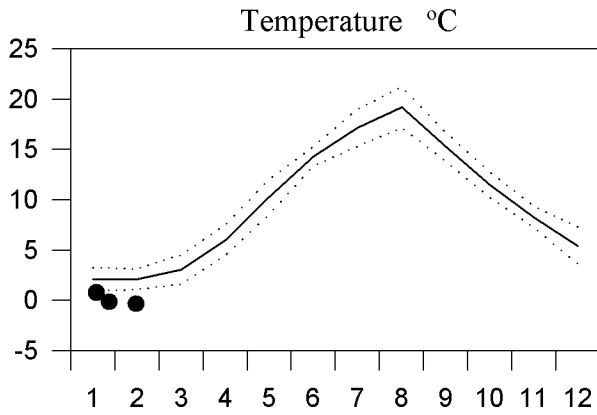
## OXYGEN IN BOTTOM WATER



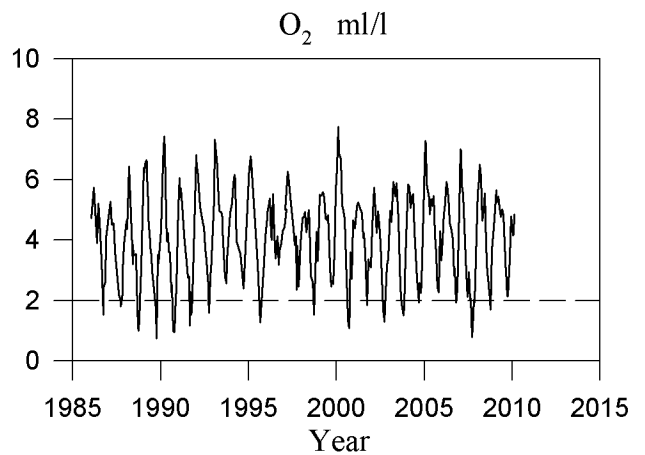
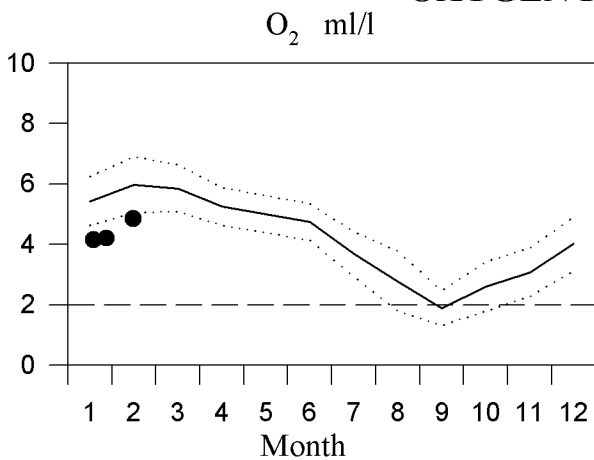
# STATION W LANDSKRONA SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2010



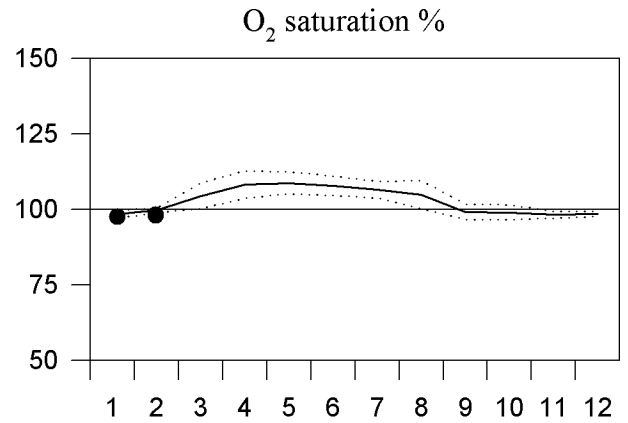
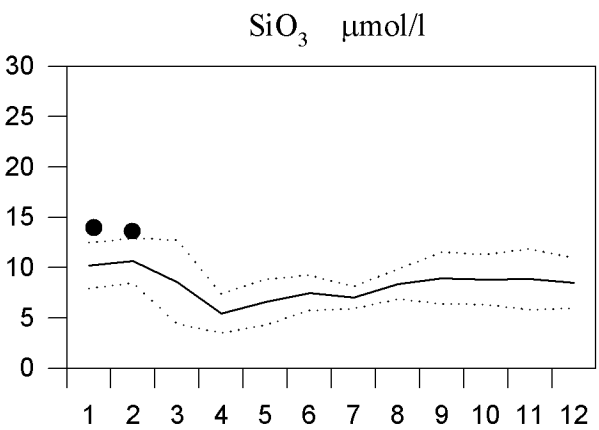
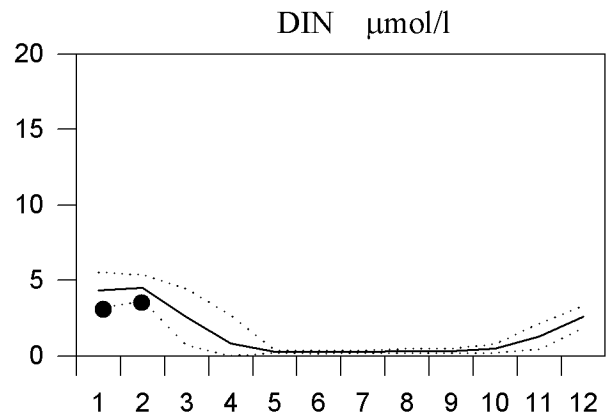
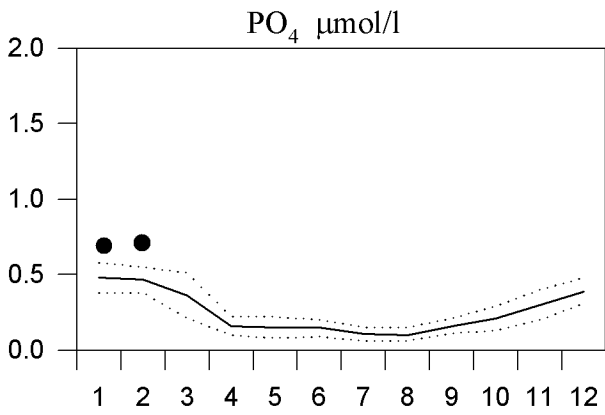
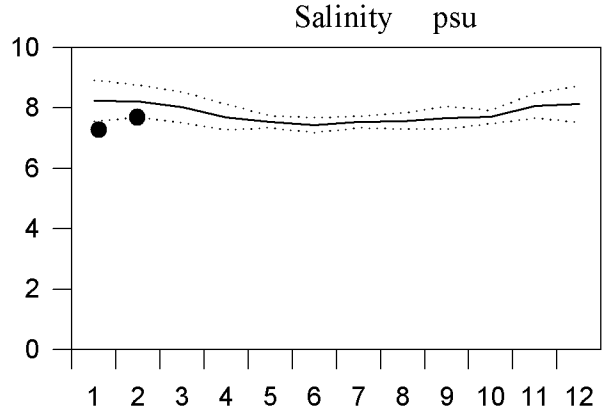
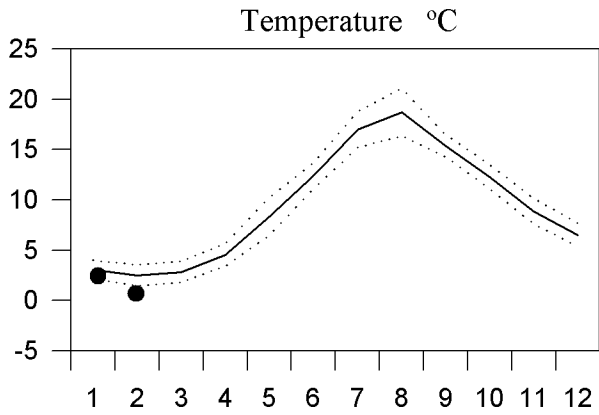
## OXYGEN IN BOTTOM WATER



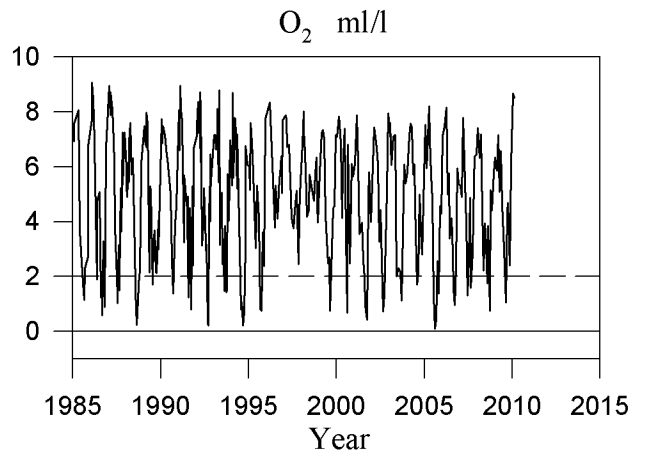
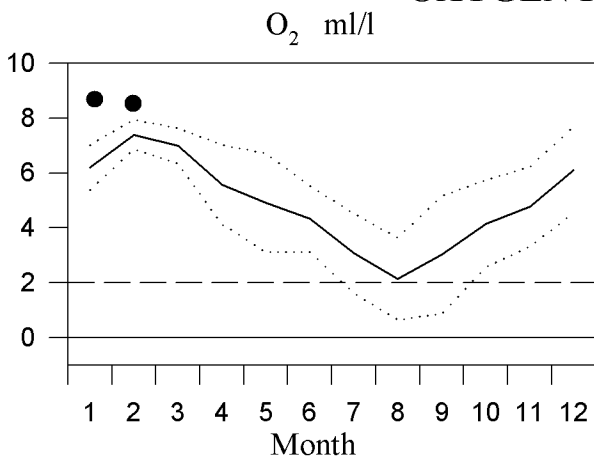
# STATION BY1 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2010



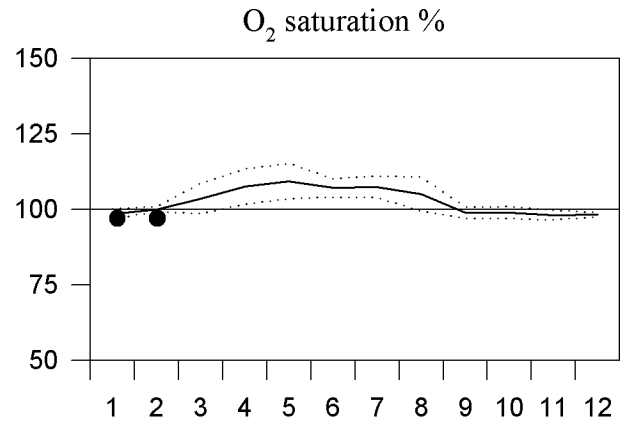
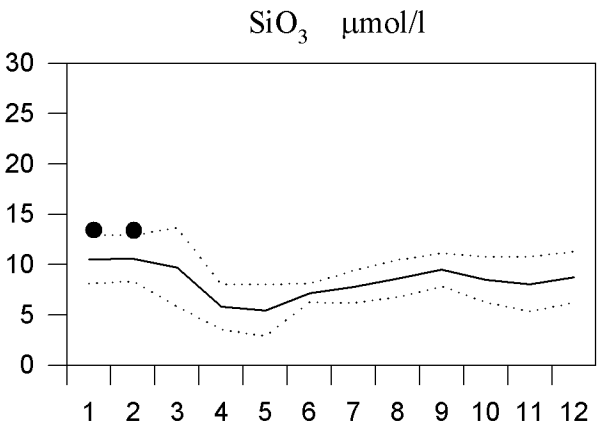
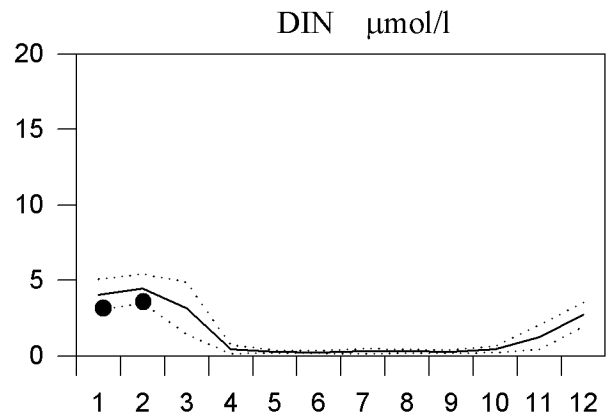
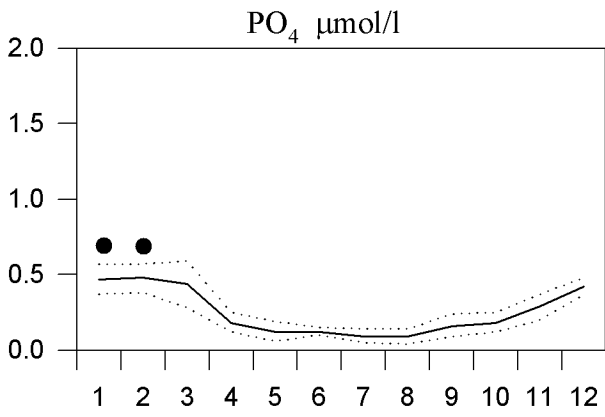
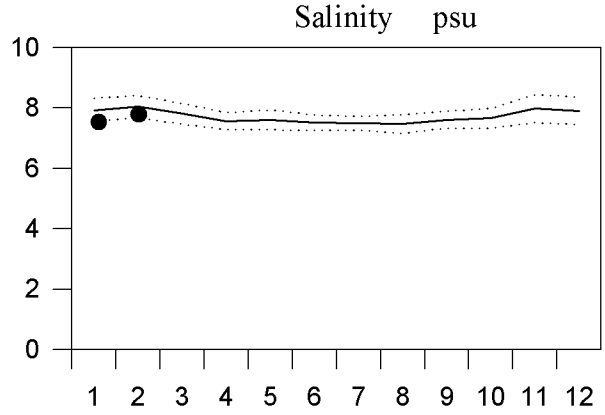
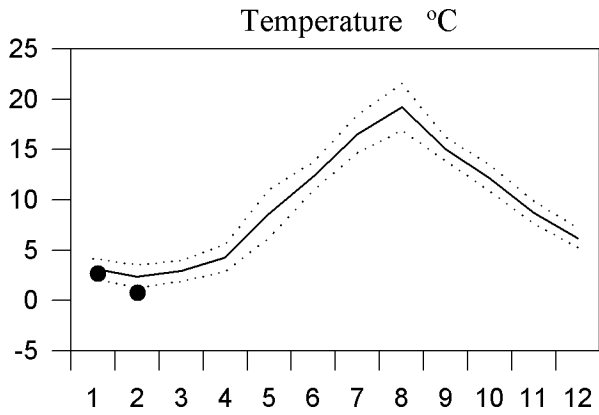
## OXYGEN IN BOTTOM WATER



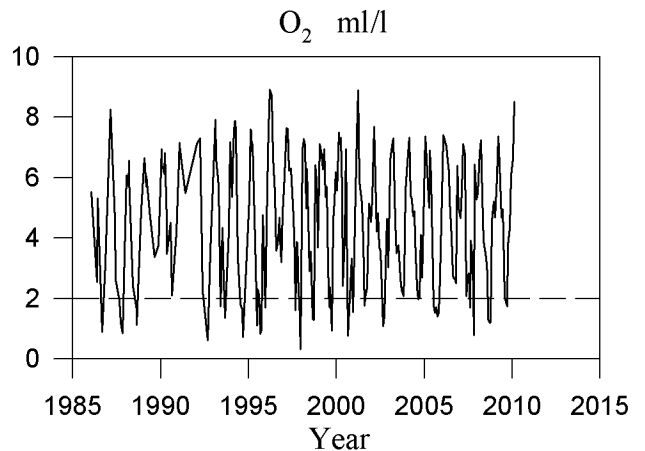
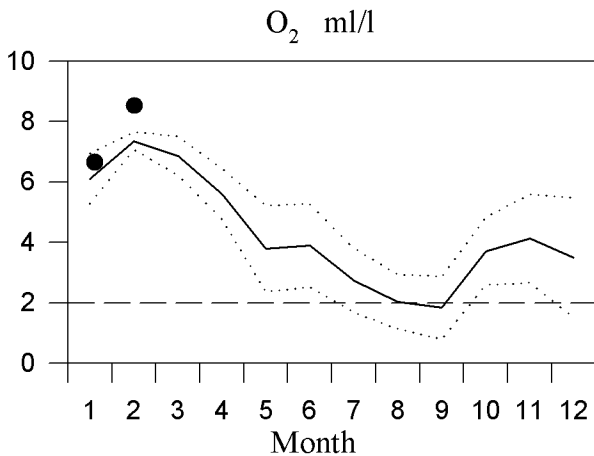
# STATION BY2 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2010



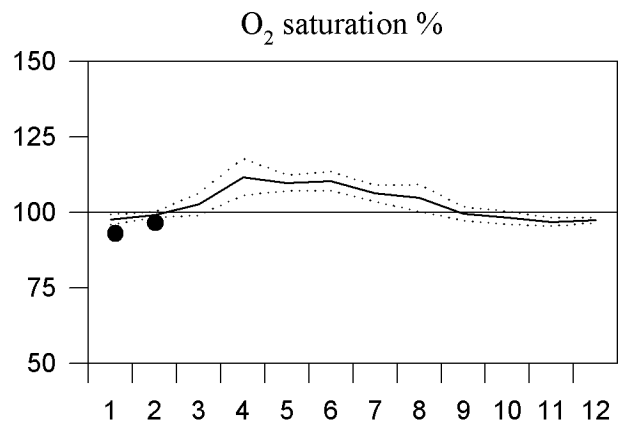
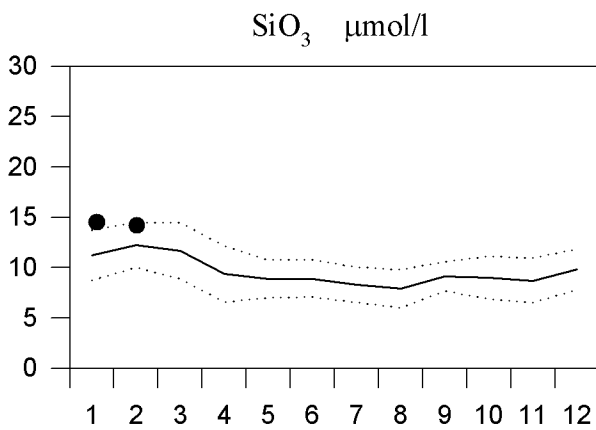
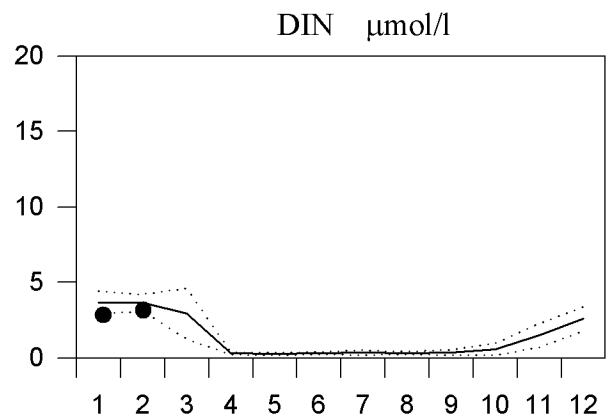
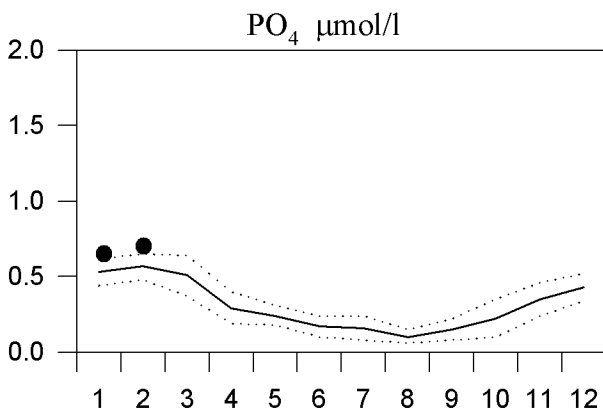
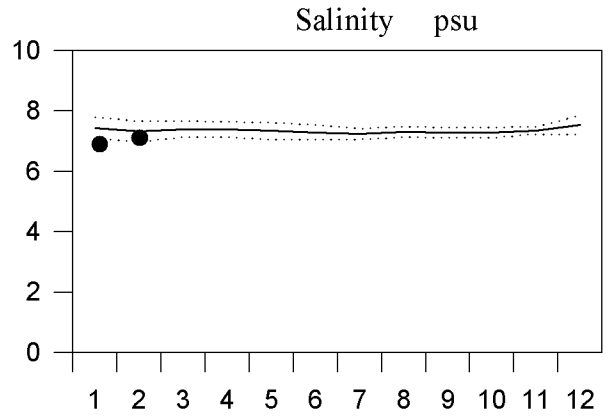
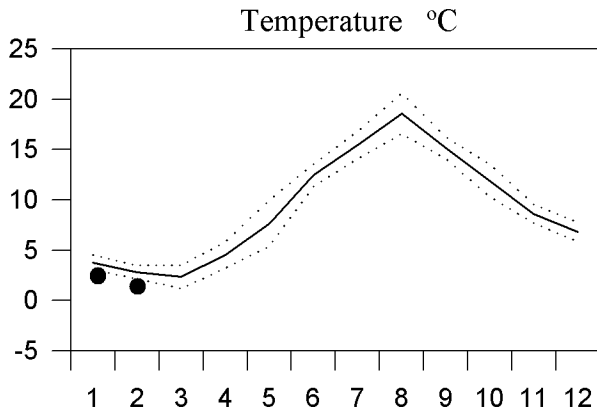
## OXYGEN IN BOTTOM WATER



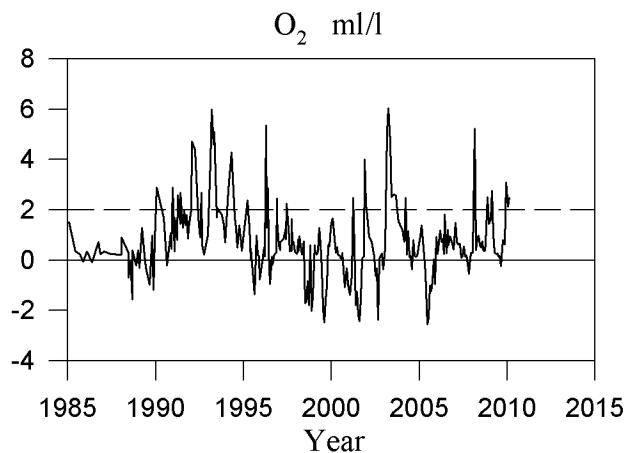
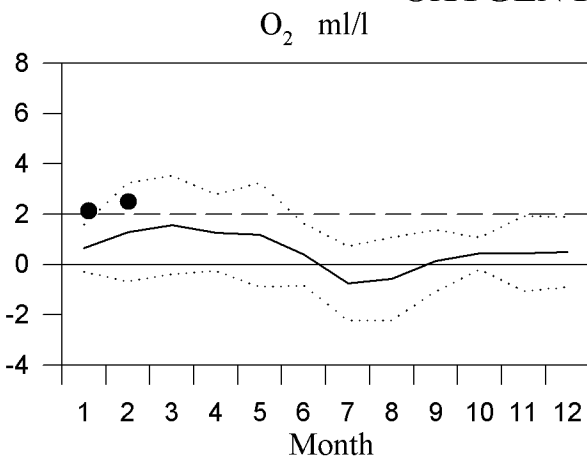
# STATION HANÖBUKTEN SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ····· St.Dev.      ● 2010



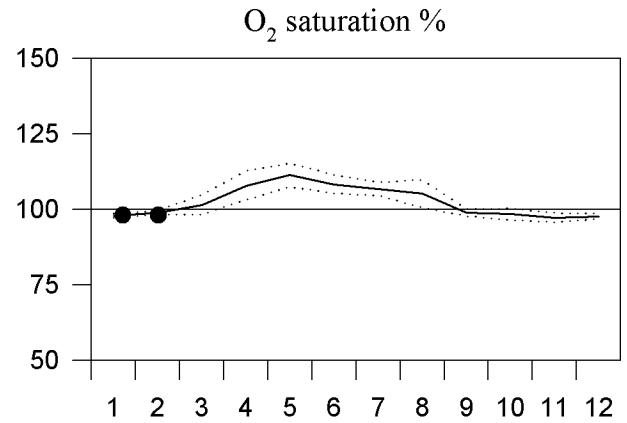
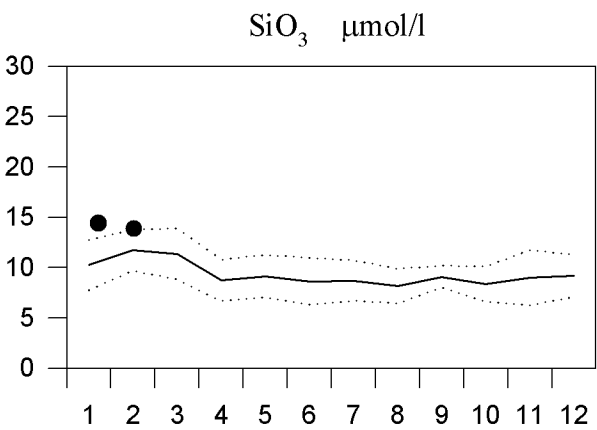
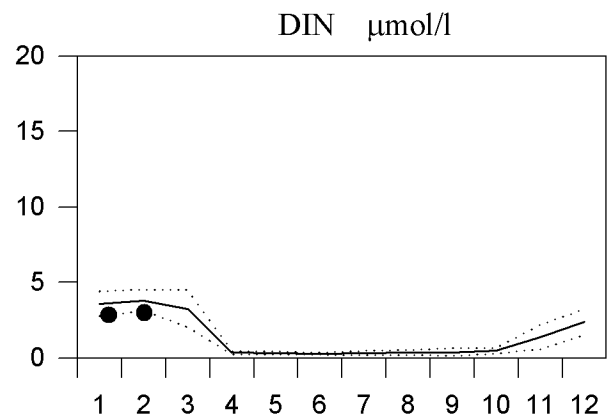
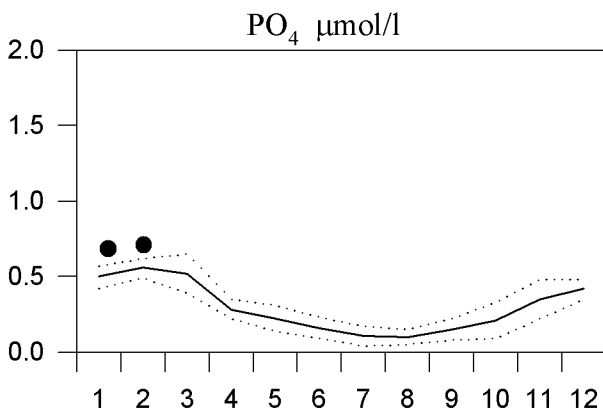
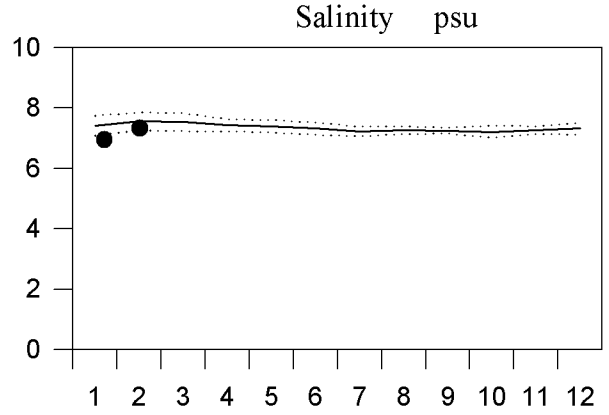
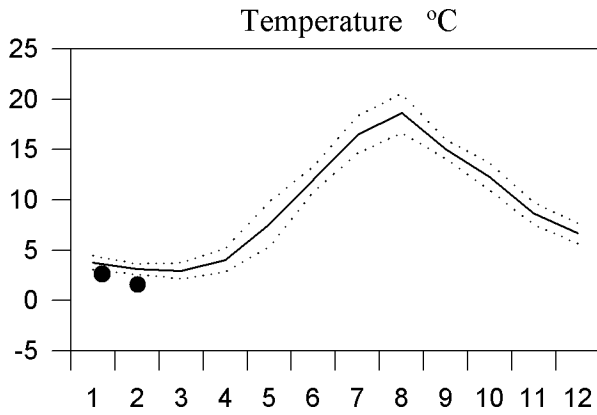
## OXOGEN IN BOTTOM WATER



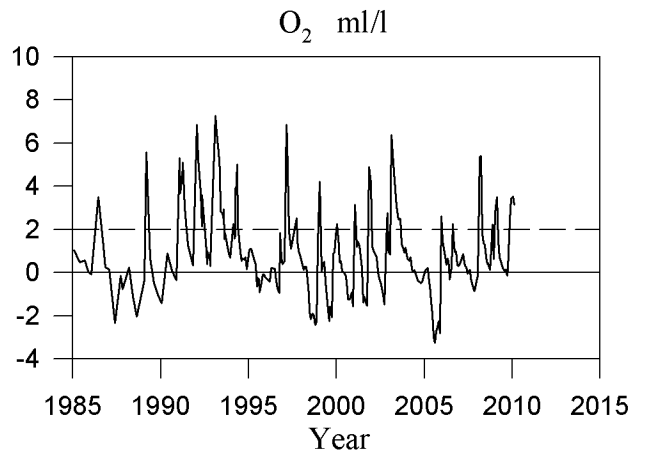
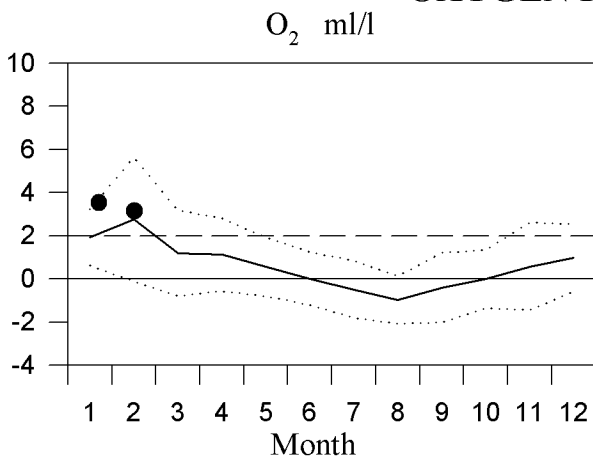
# STATION BY4 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2010



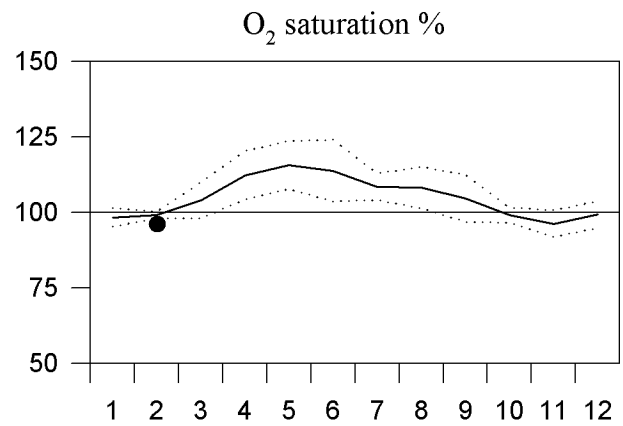
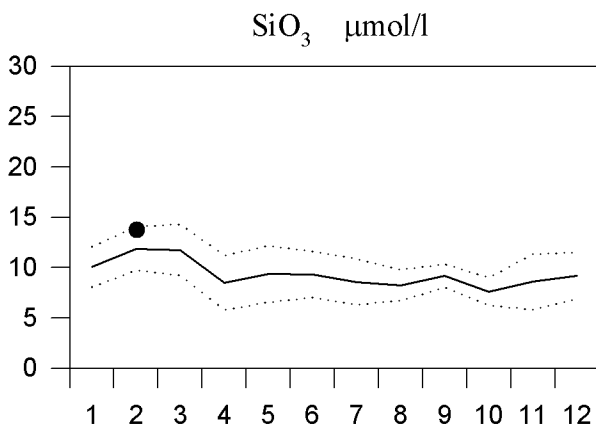
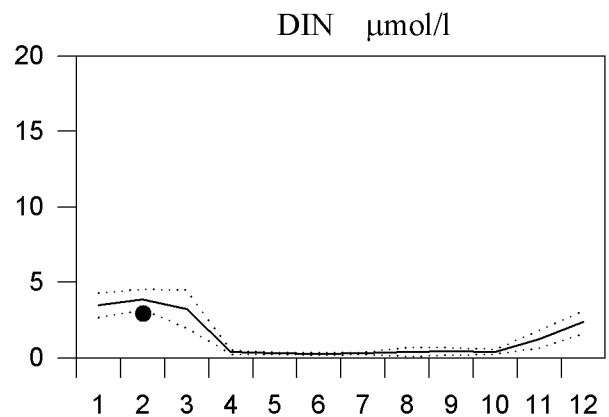
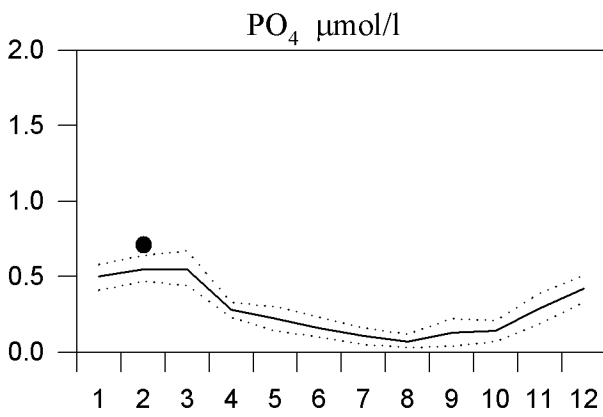
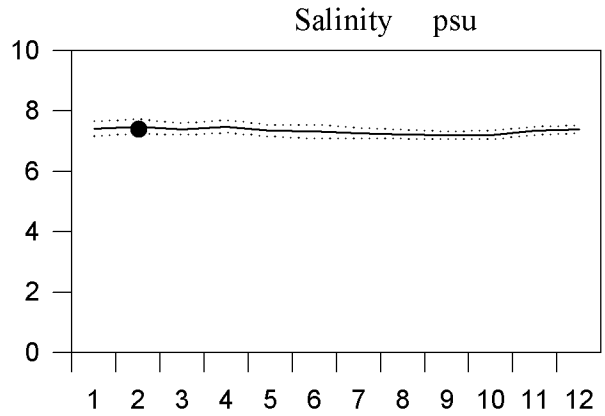
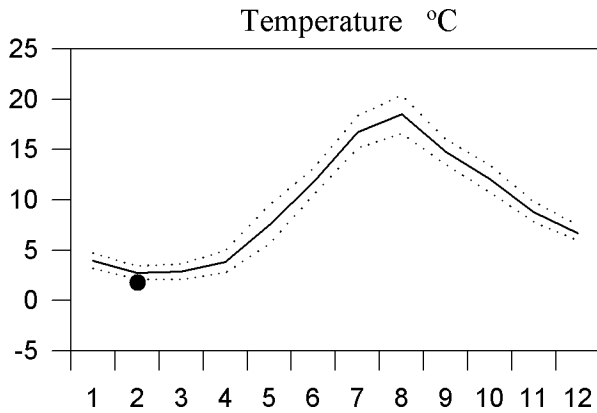
## OXYGEN IN BOTTOM WATER



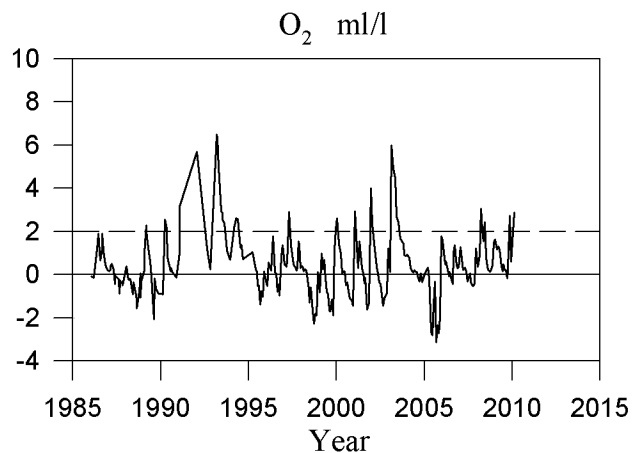
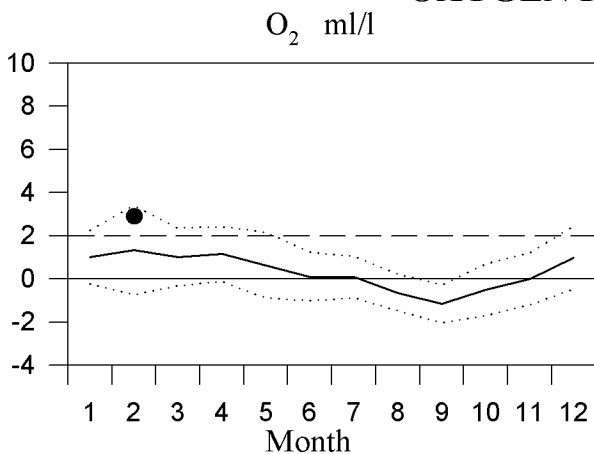
# STATION BY5 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ····· St.Dev.      ● 2010



## OXYGEN IN BOTTOM WATER

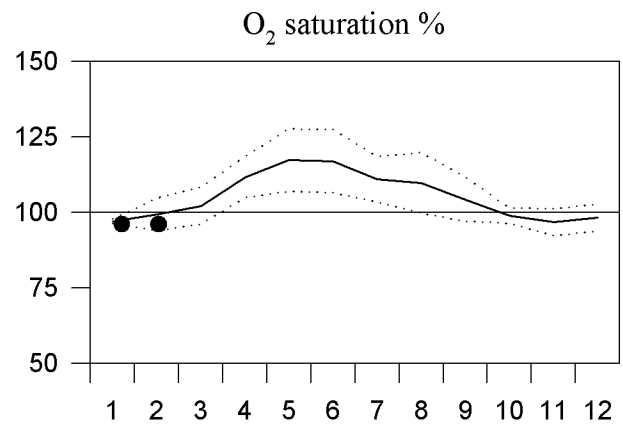
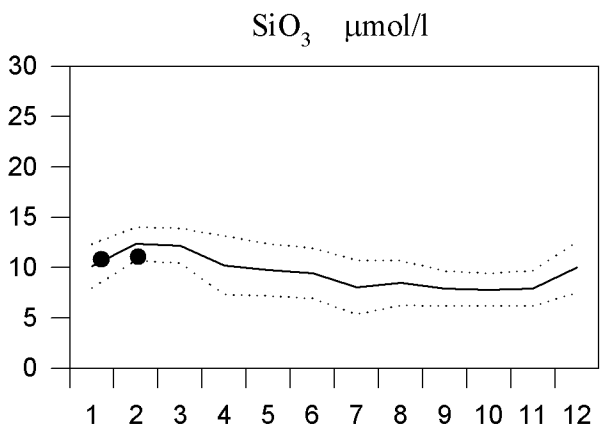
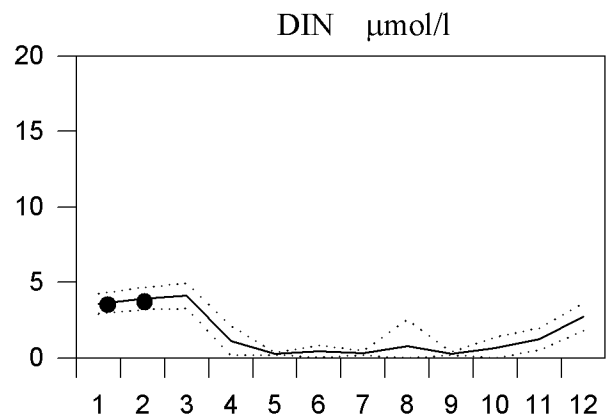
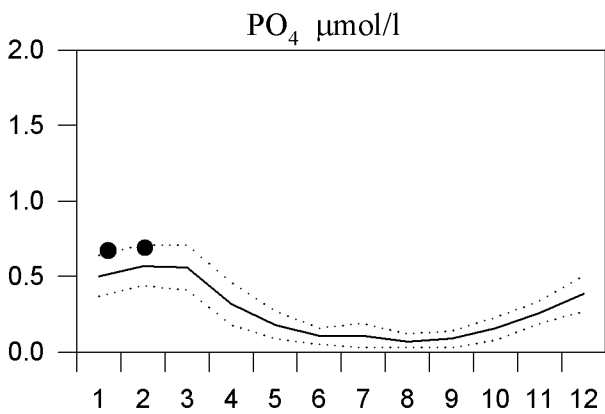
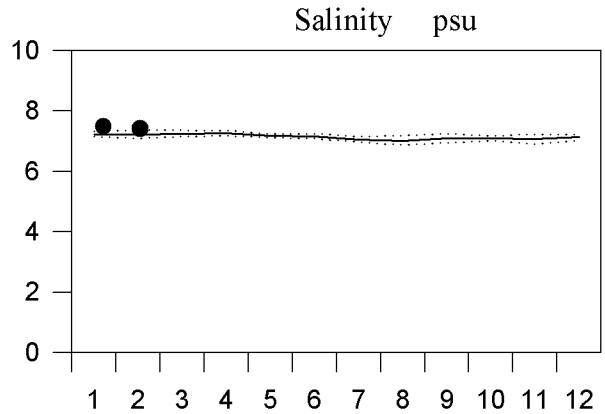
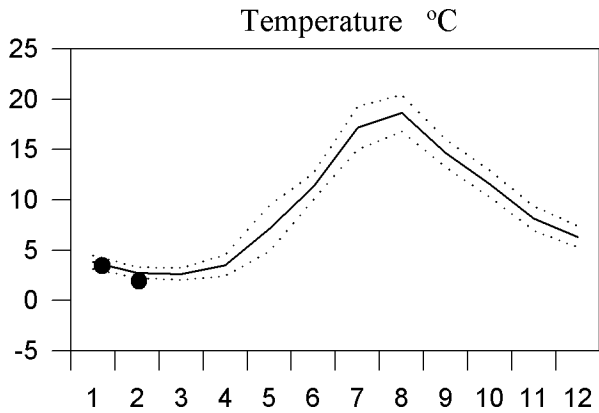




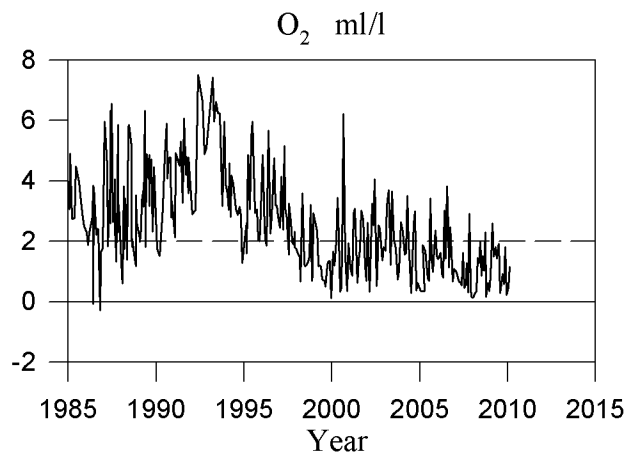
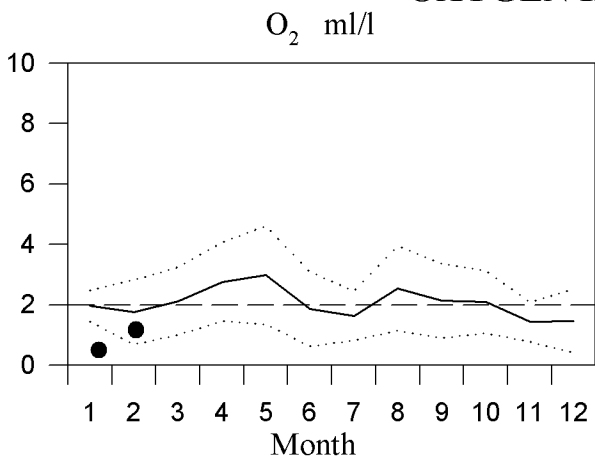
# STATION BCS III-10 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2010



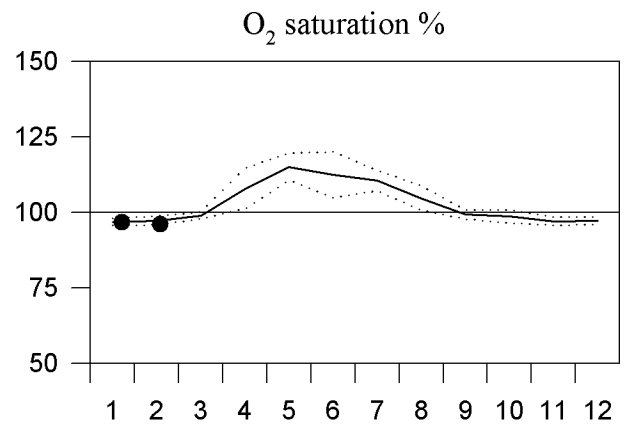
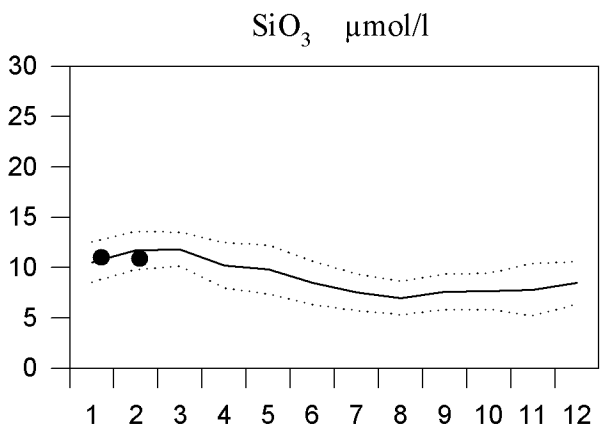
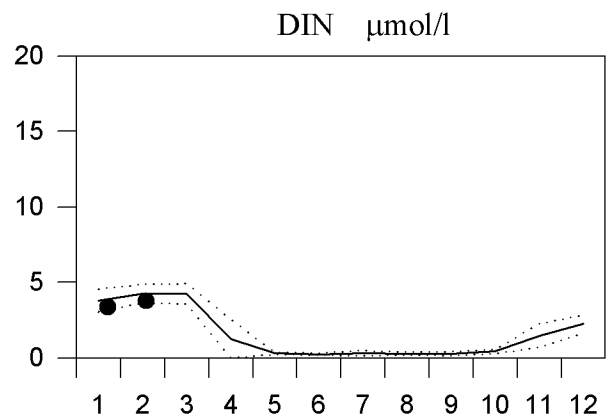
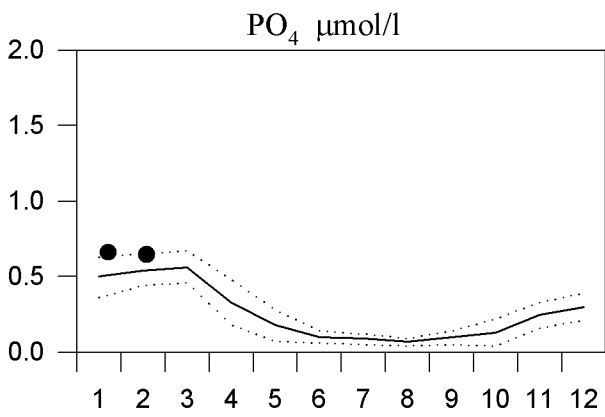
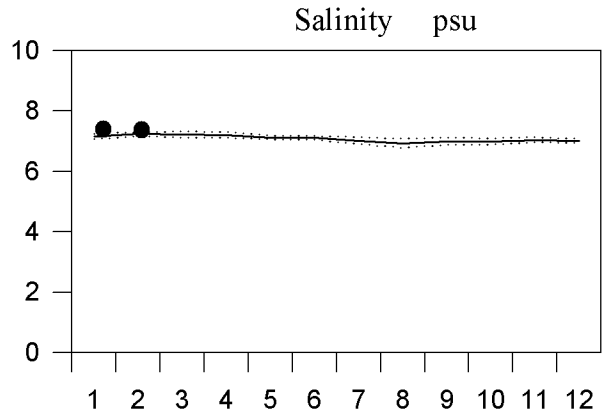
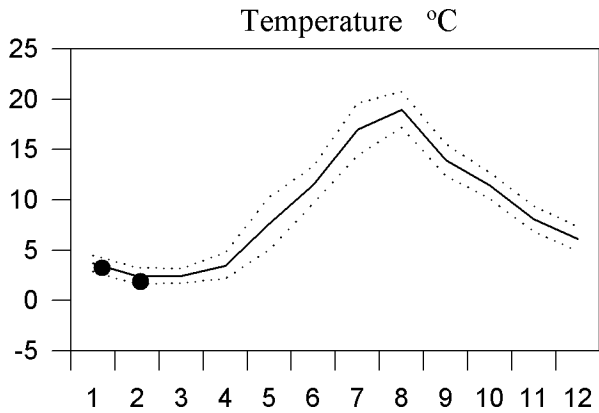
## OXYGEN IN BOTTOM WATER



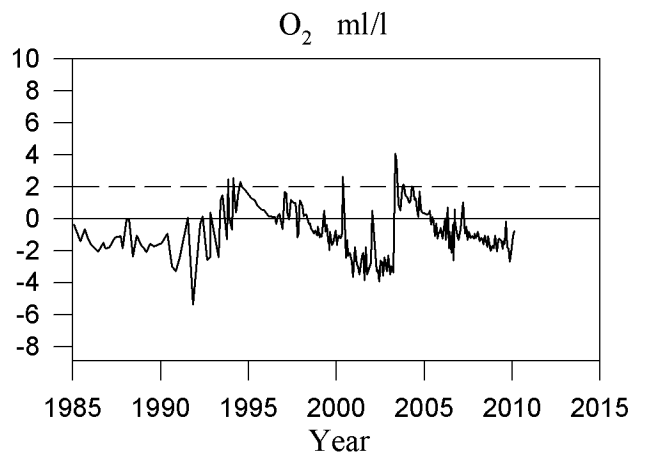
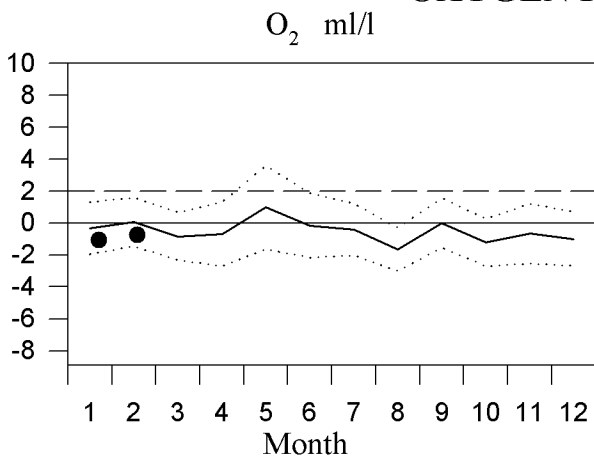
# STATION BY10 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2010



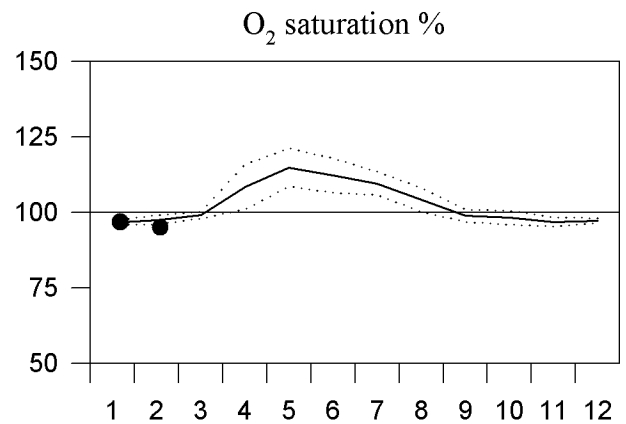
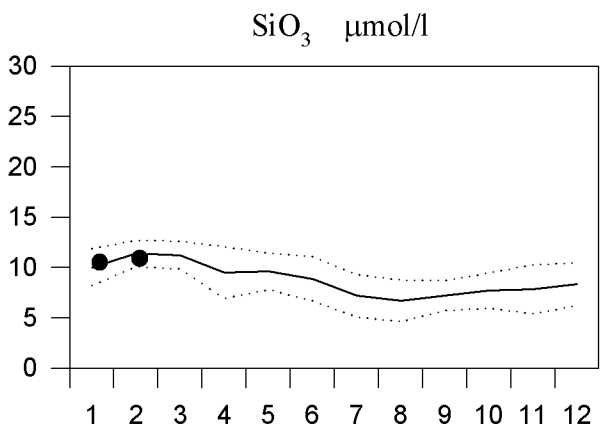
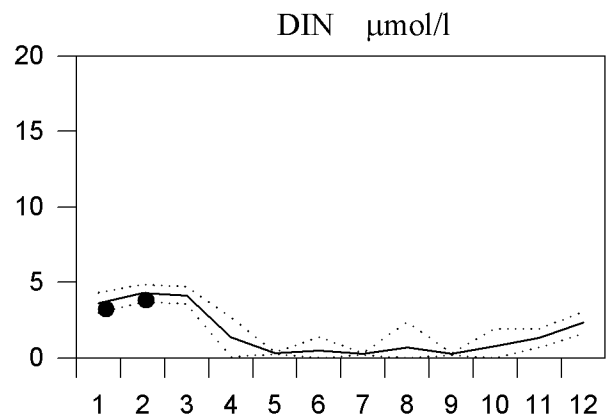
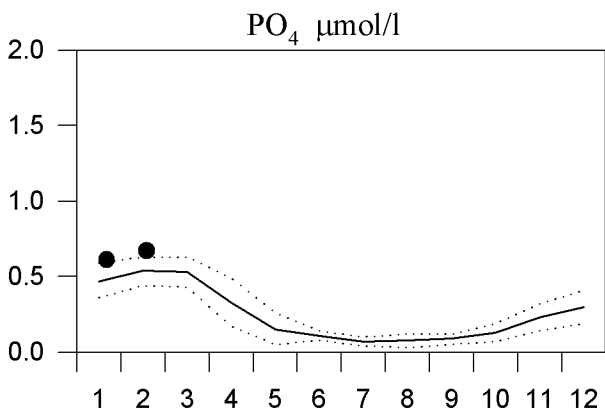
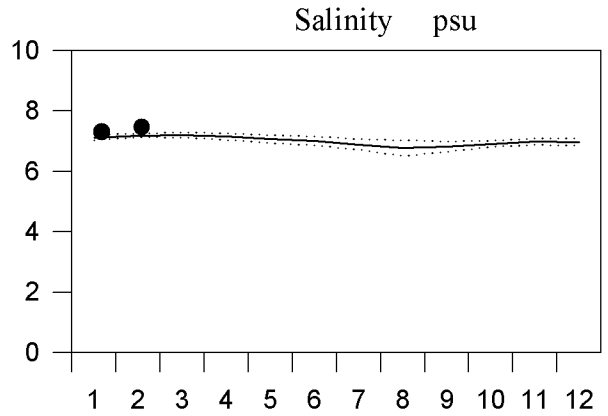
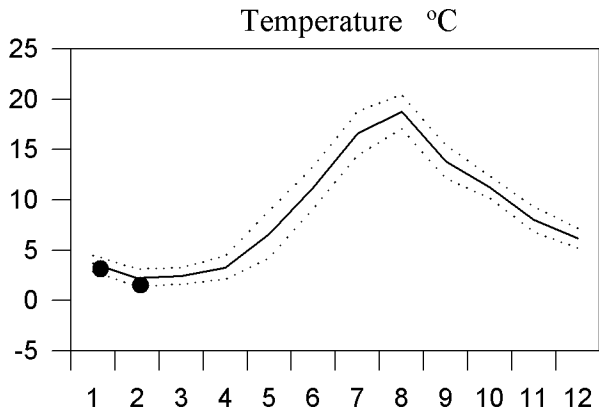
## OXYGEN IN BOTTOM WATER



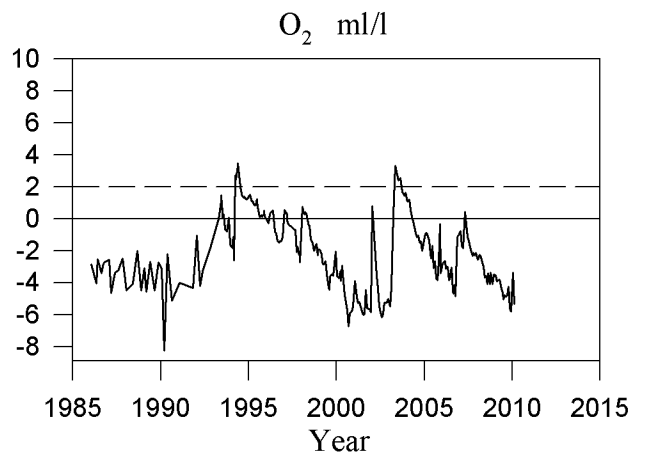
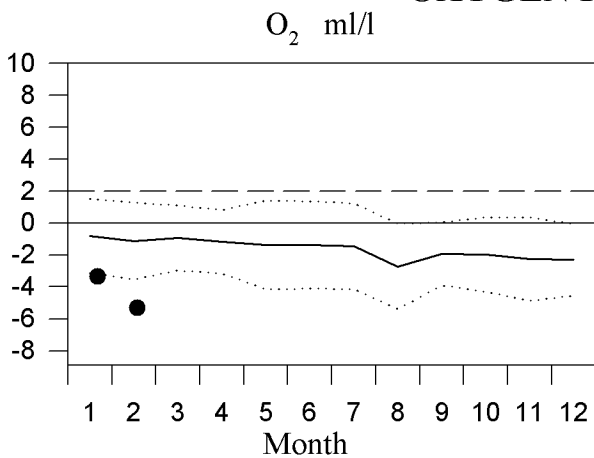
# STATION BY15 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2010



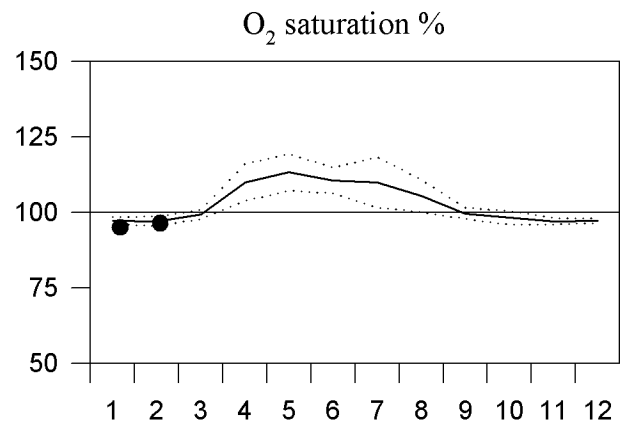
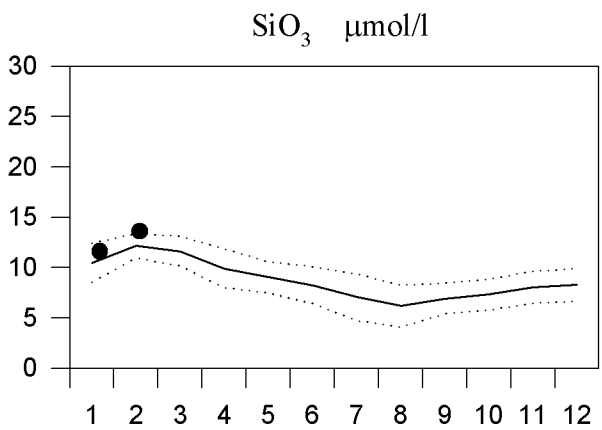
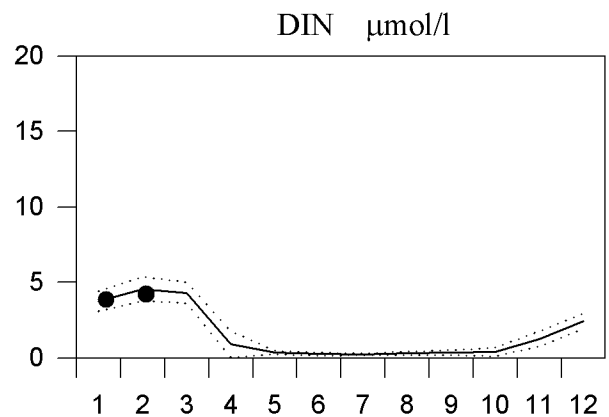
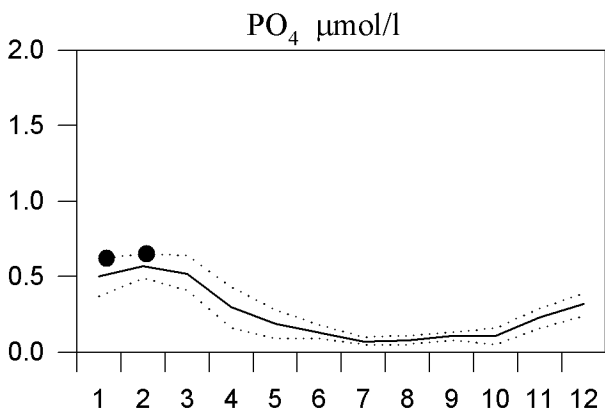
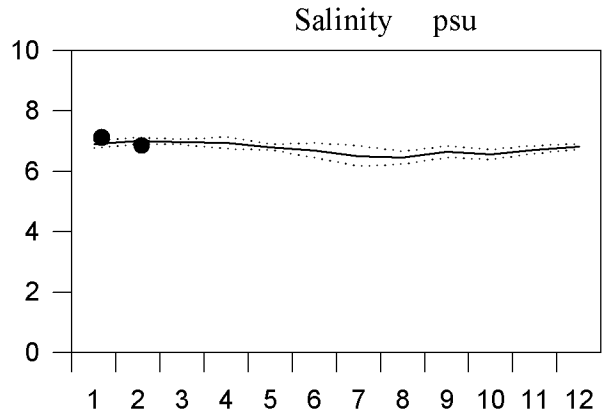
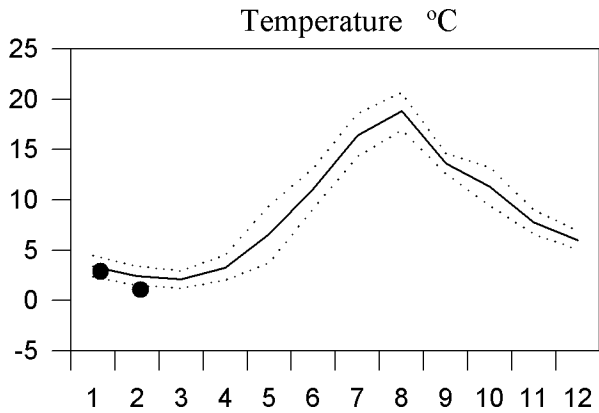
## OXYGEN IN BOTTOM WATER



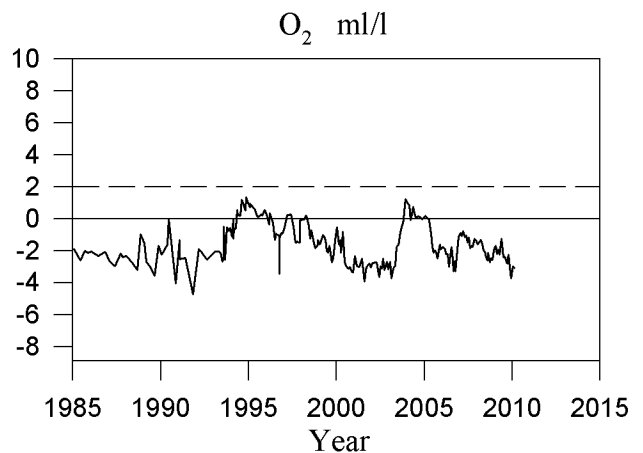
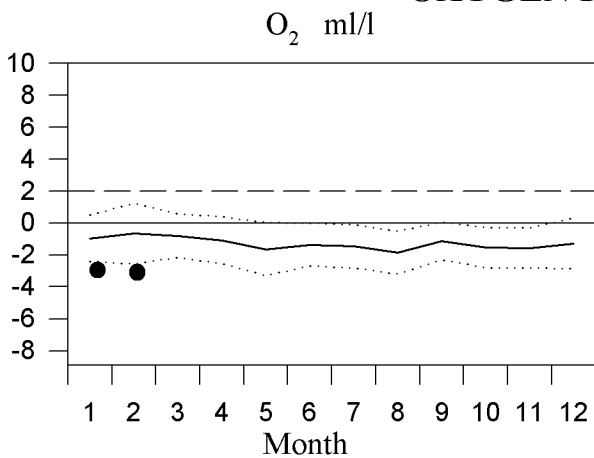
# STATION BY20 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2010



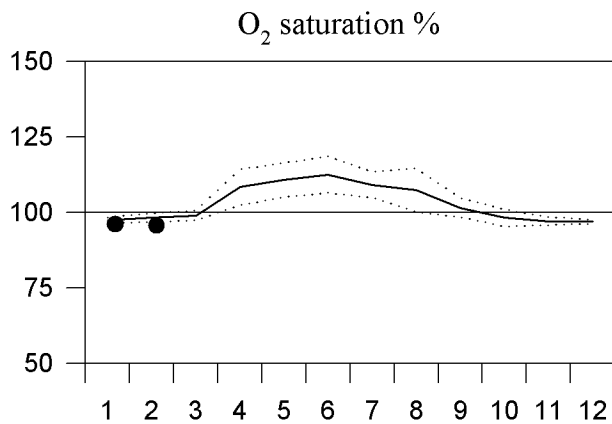
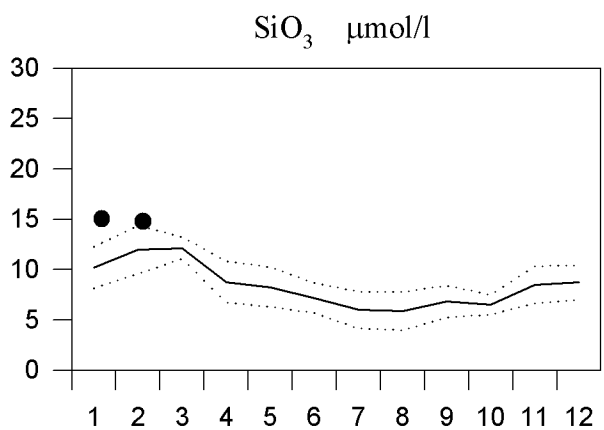
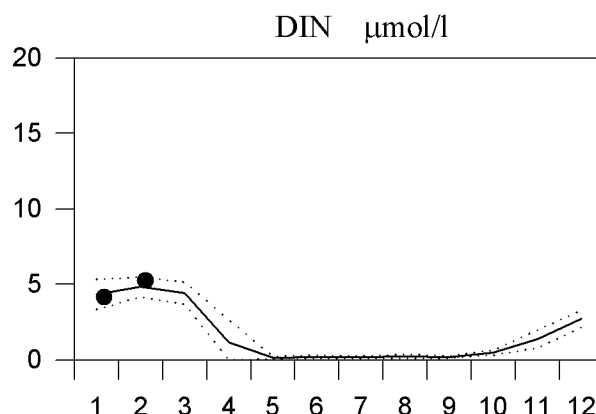
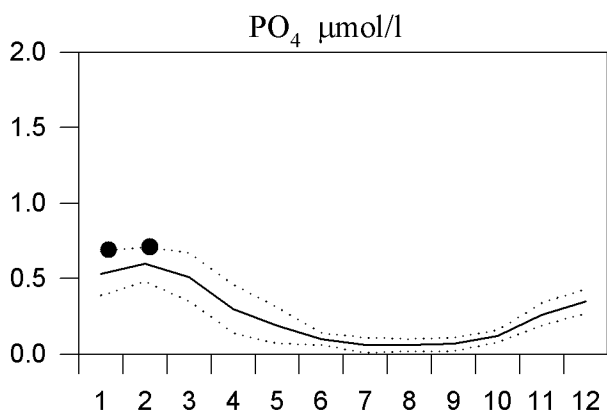
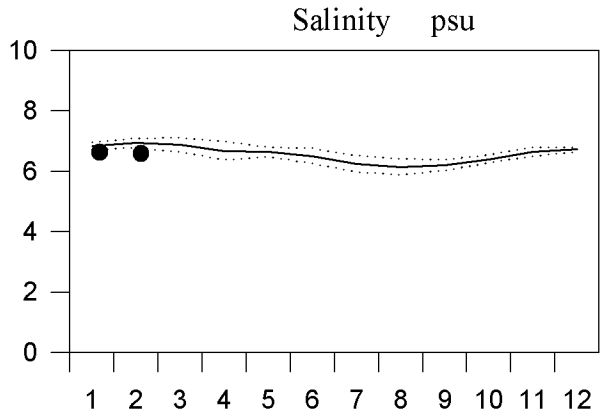
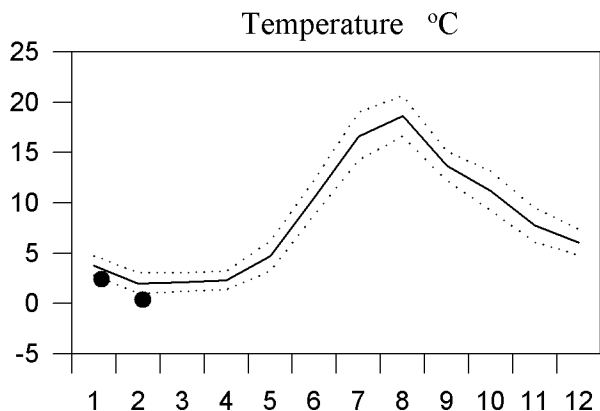
## OXYGEN IN BOTTOM WATER



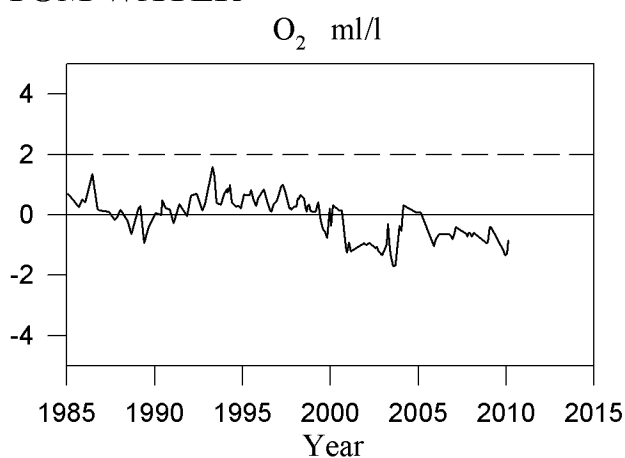
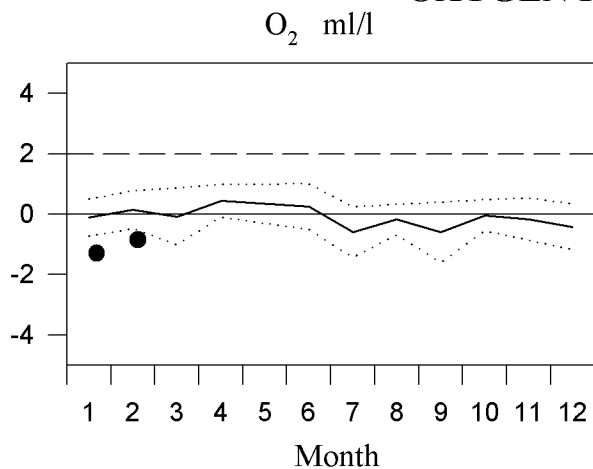
# STATION BY29 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2010



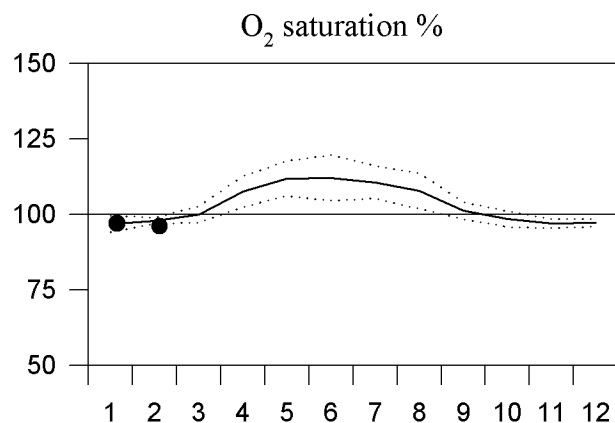
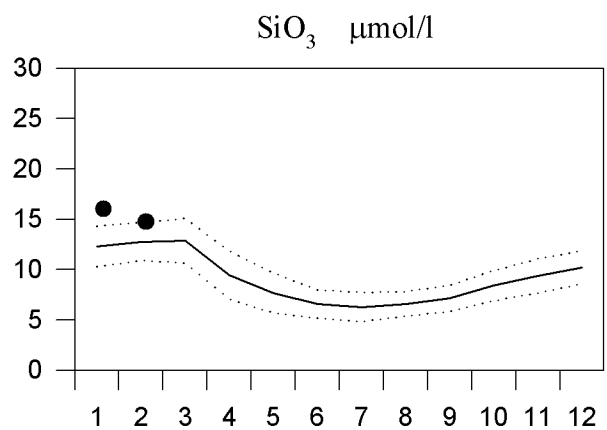
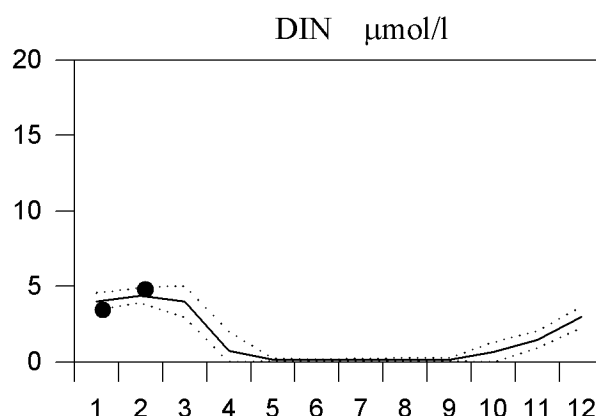
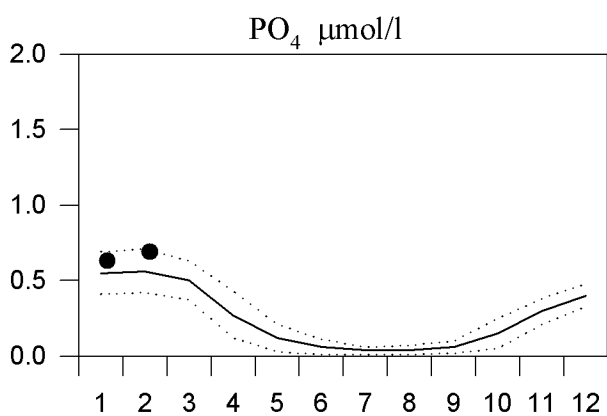
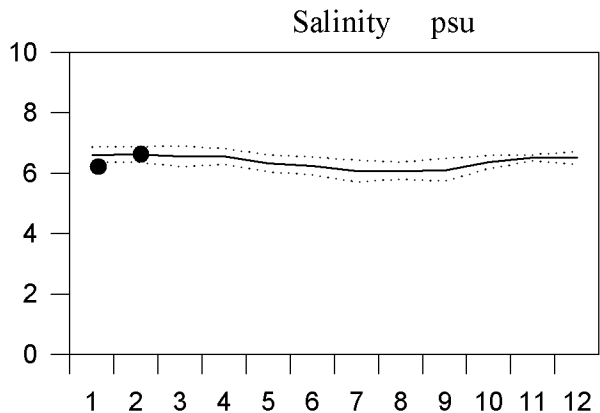
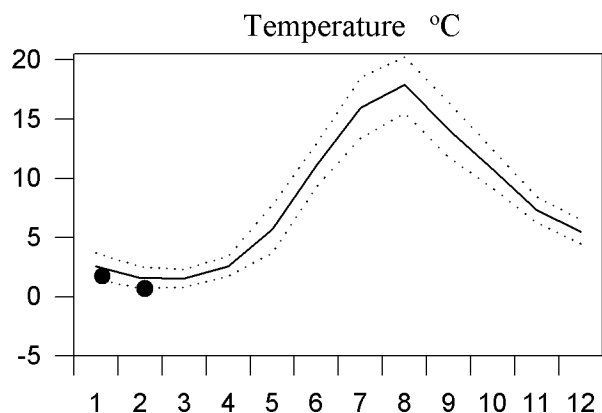
## OXYGEN IN BOTTOM WATER



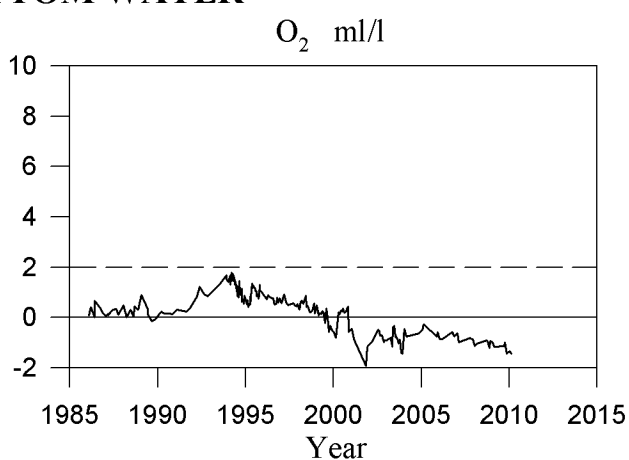
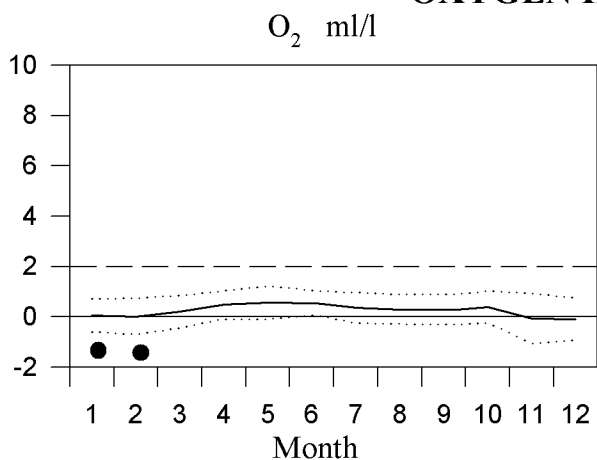
# STATION BY31 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ····· St.Dev.      ● 2010



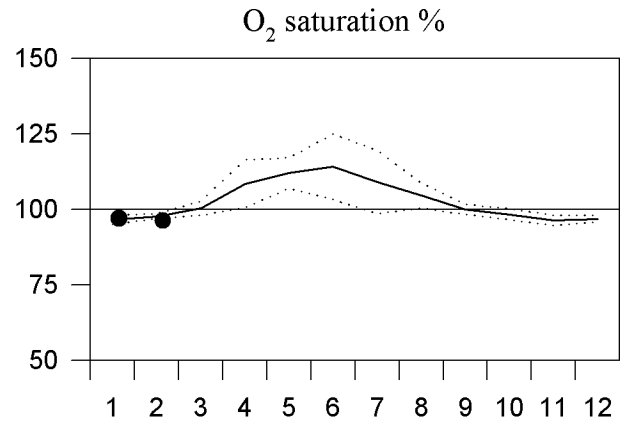
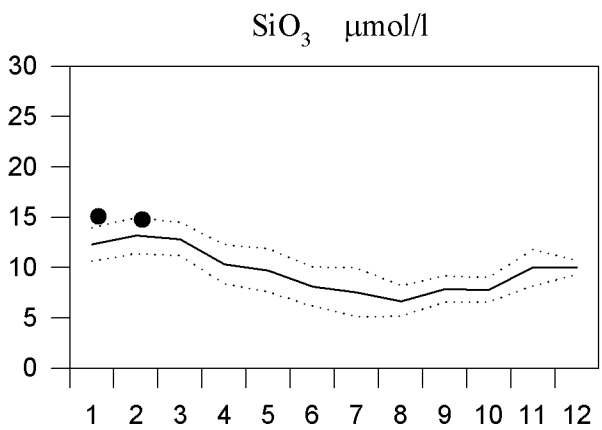
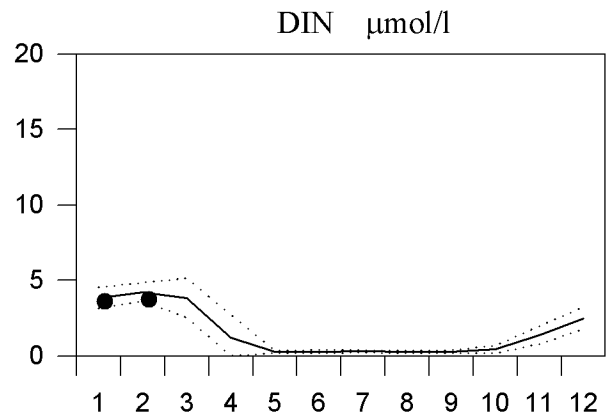
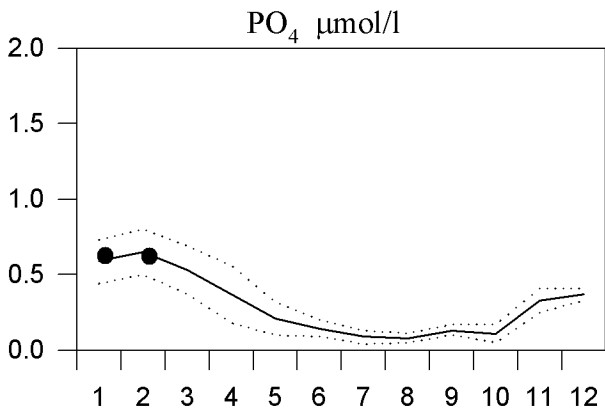
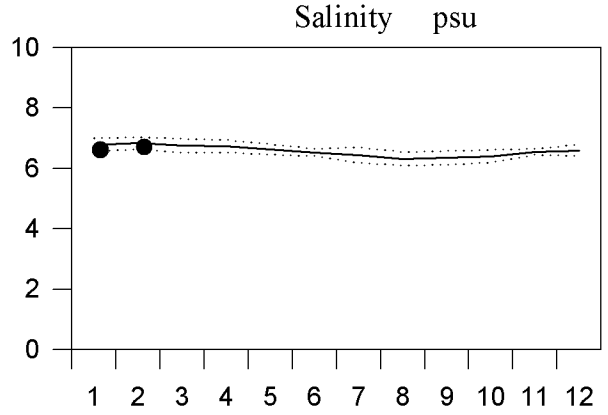
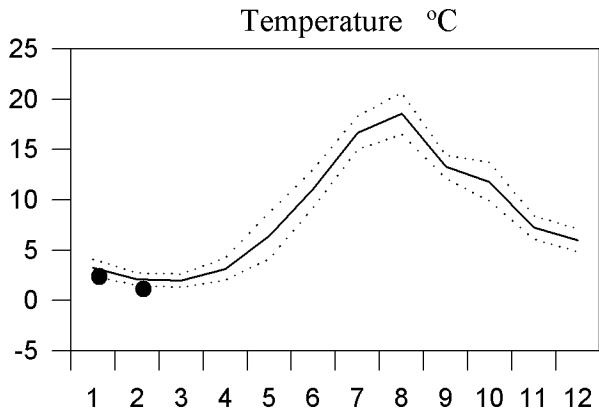
## OXYGEN IN BOTTOM WATER



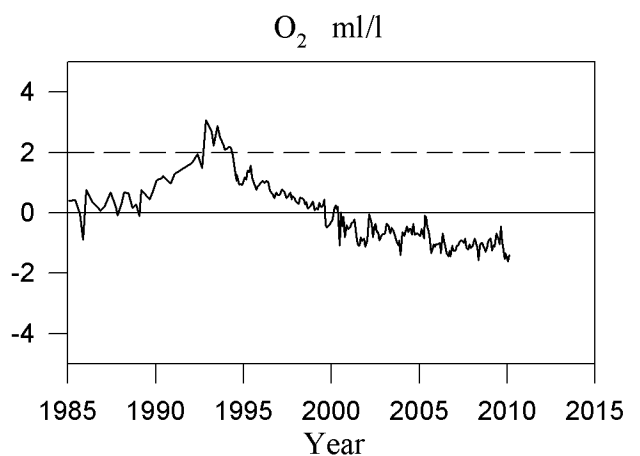
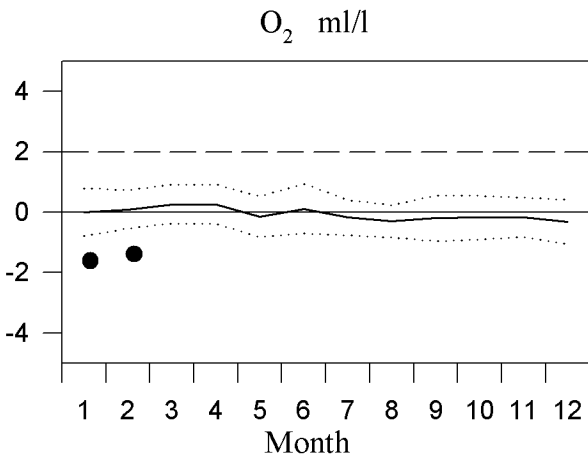
# STATION BY32 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2010



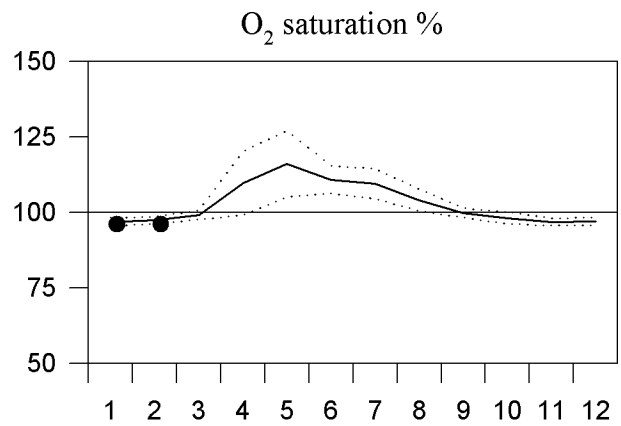
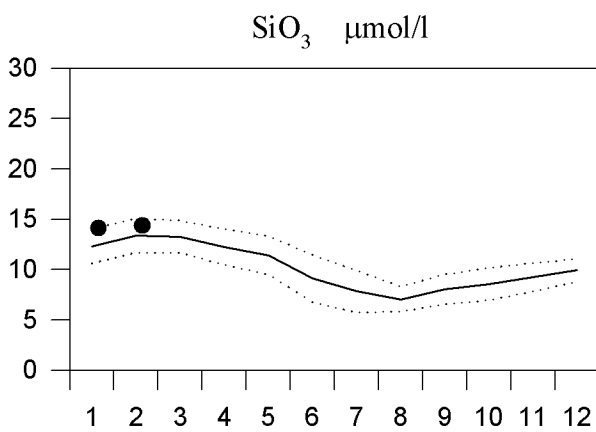
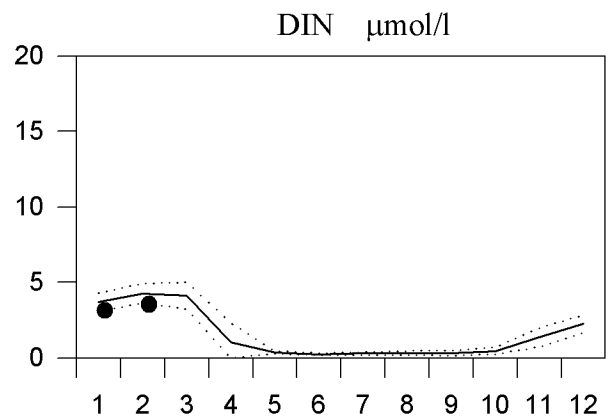
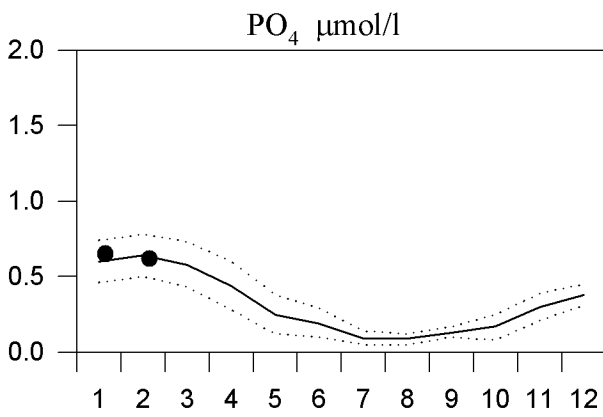
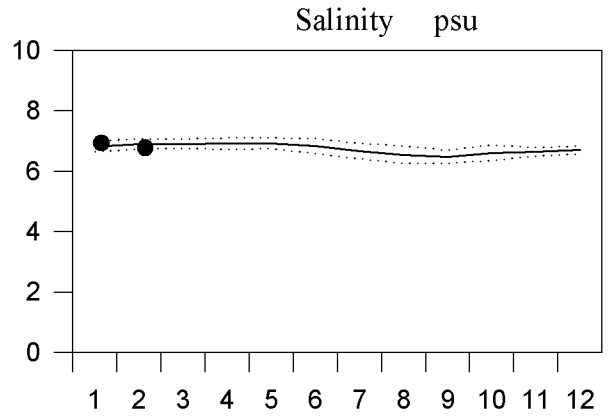
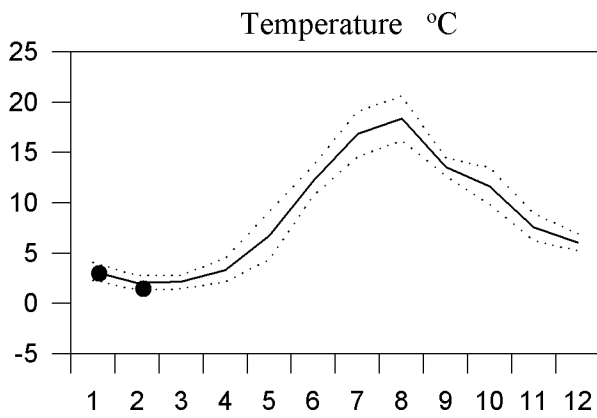
## OXYGEN IN BOTTOM WATER



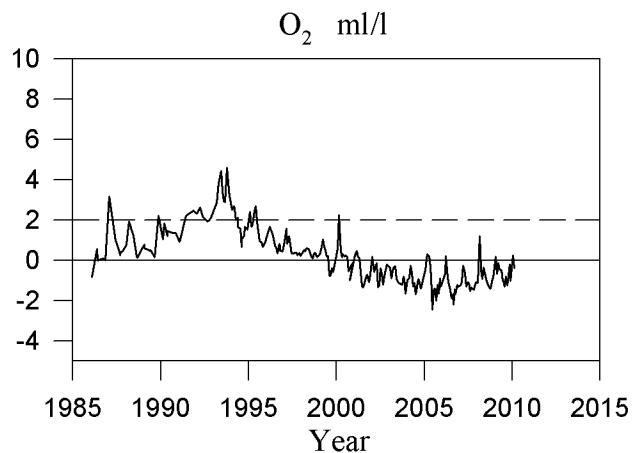
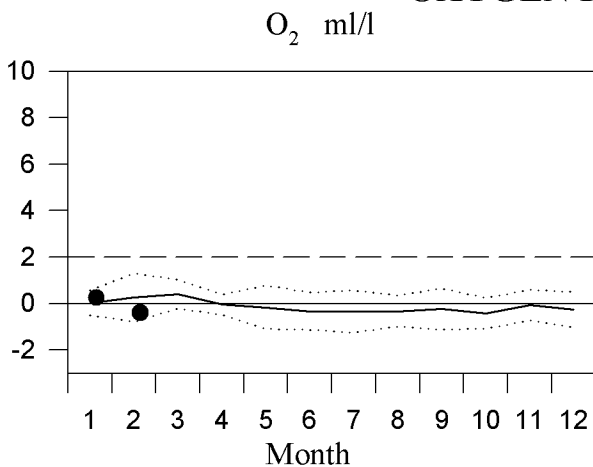
# STATION BY38 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2010



## OXYGEN IN BOTTOM WATER

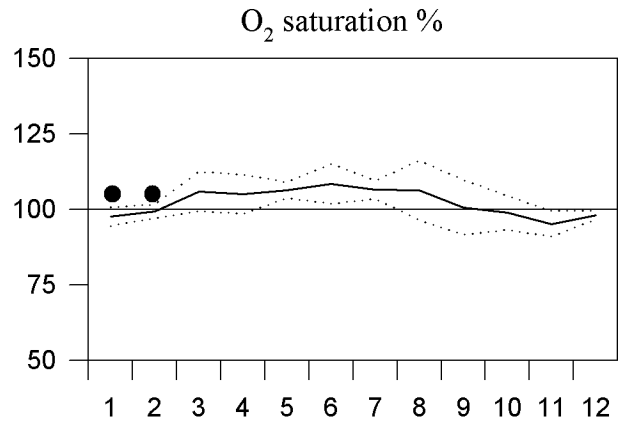
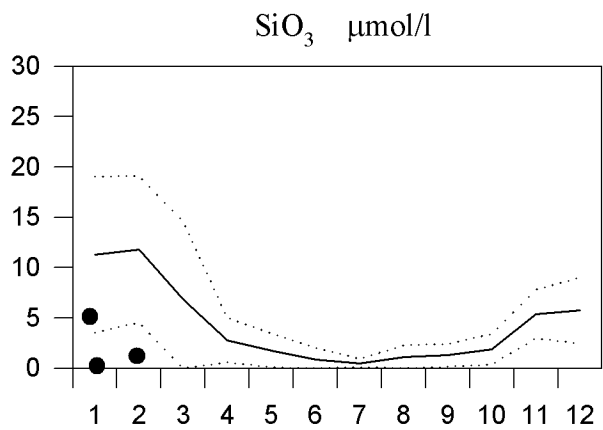
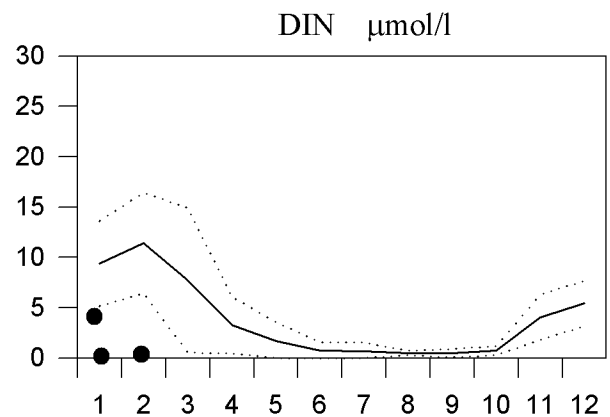
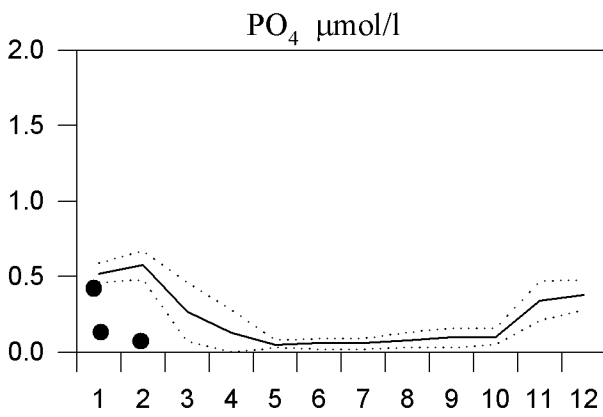
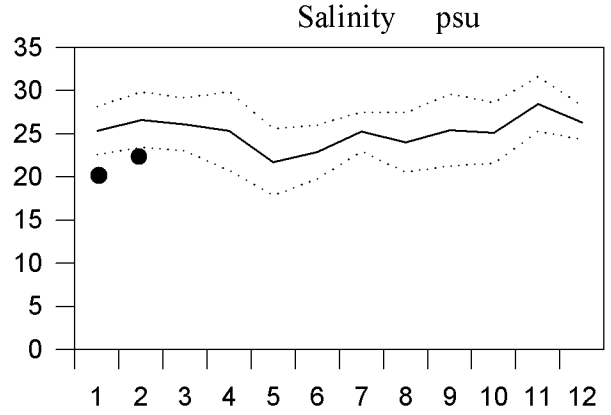
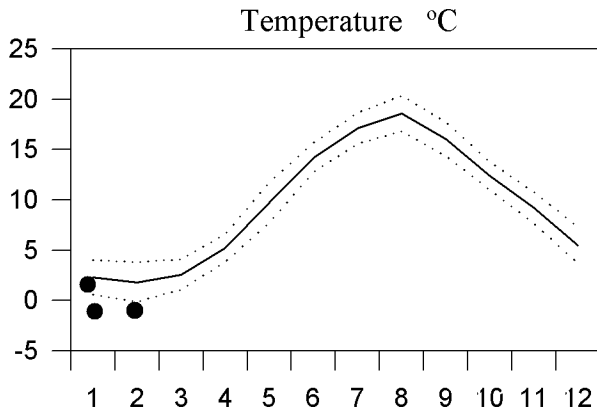




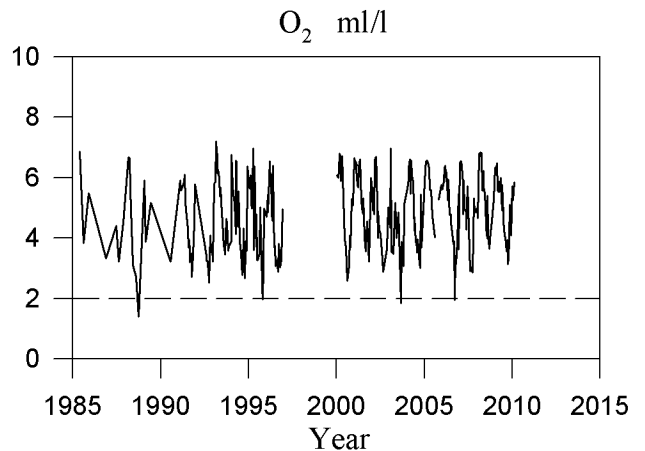
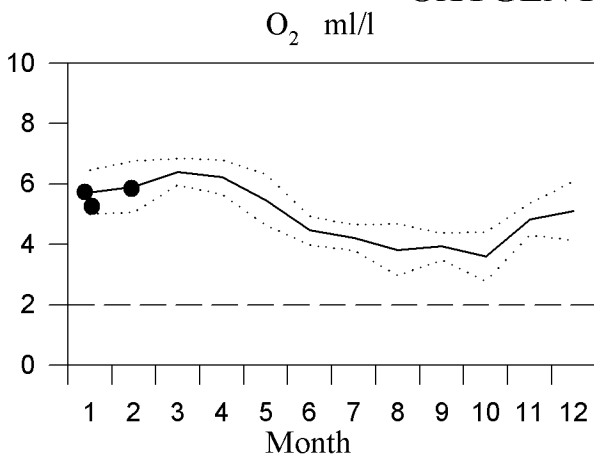
# STATION SLÄGGÖ SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ····· St.Dev.      ● 2010



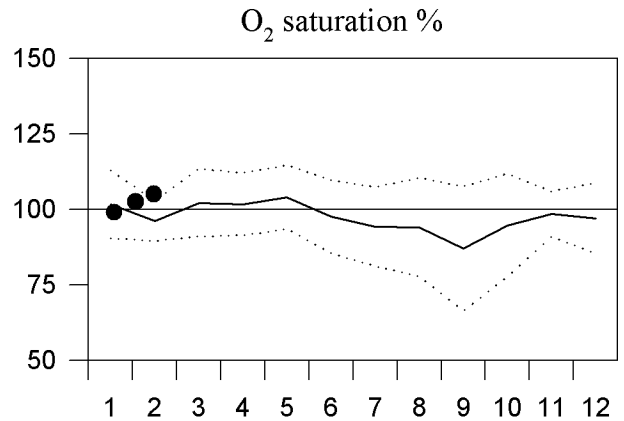
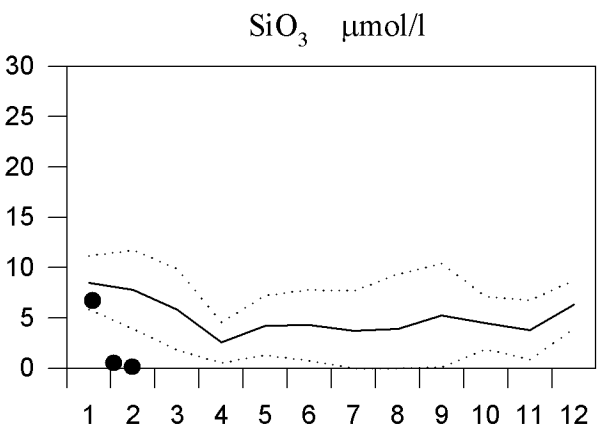
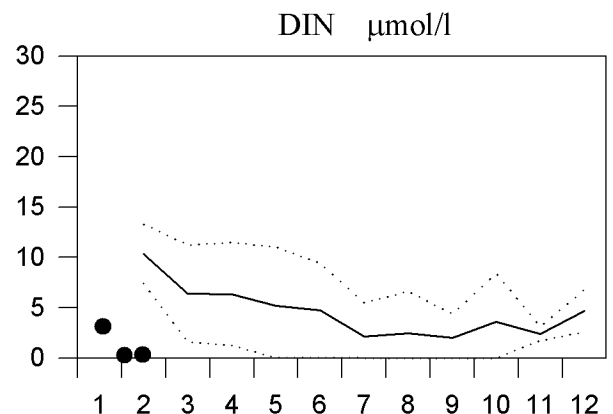
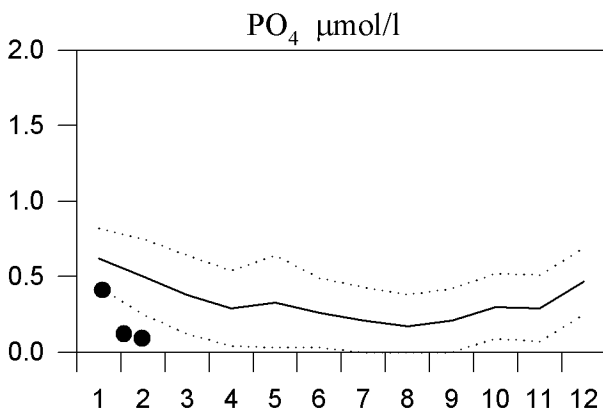
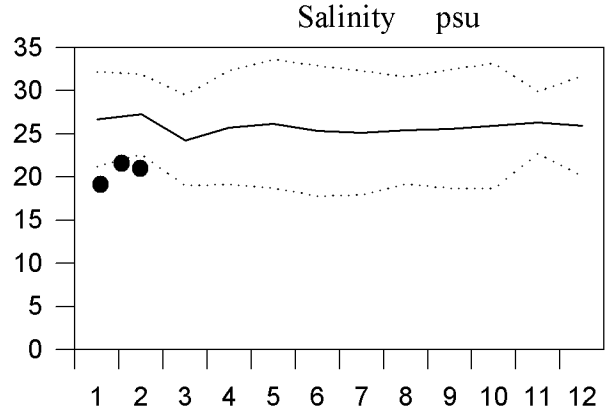
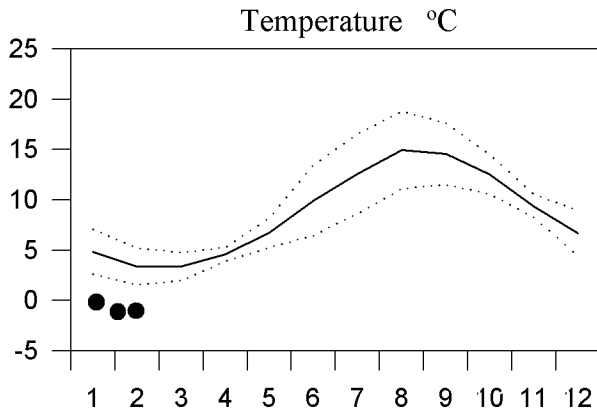
## OXYGEN IN BOTTOM WATER



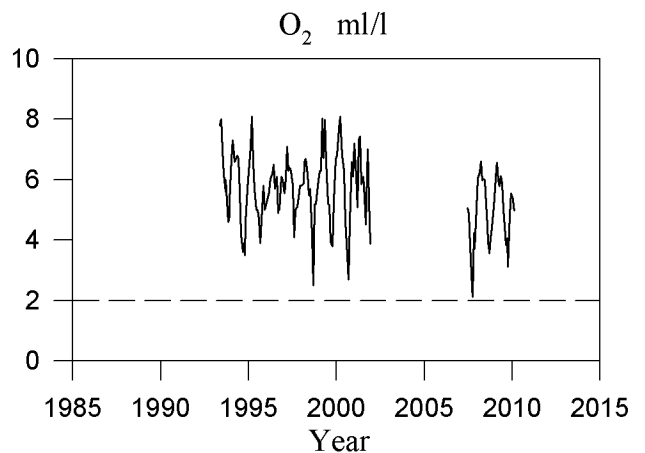
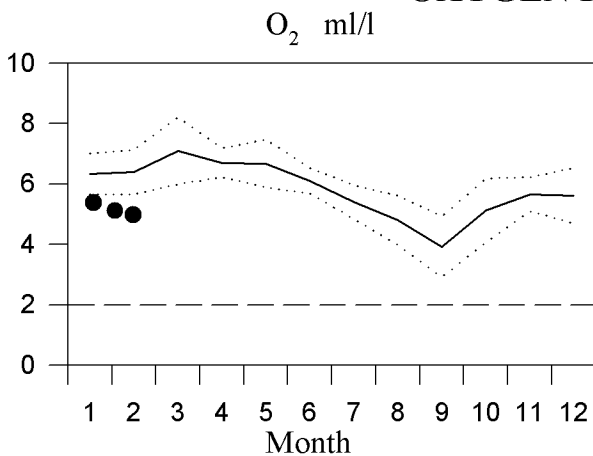
# STATION N14 Falkenberg SURFACE WATER

— Mean 1995-2001    ..... St.Dev.    **Annual Cycles**    ● 2010

Mean and st.dev. based on data from other source than SMHI.



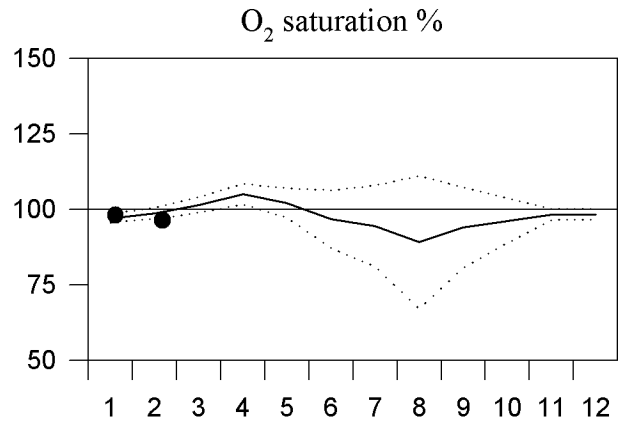
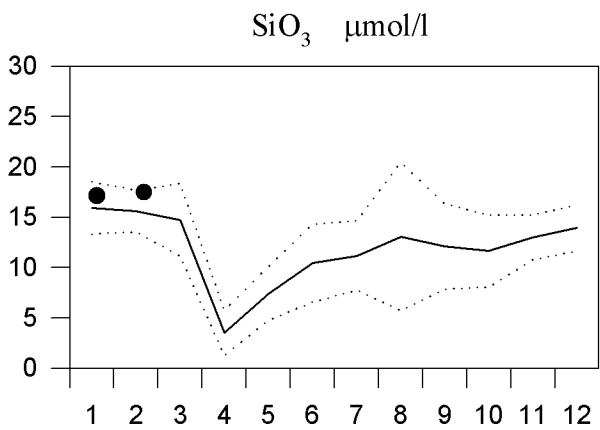
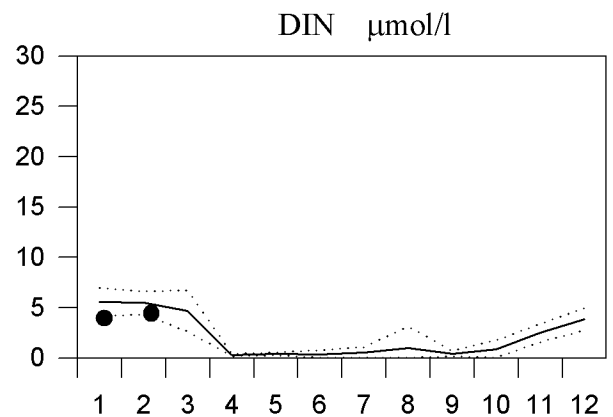
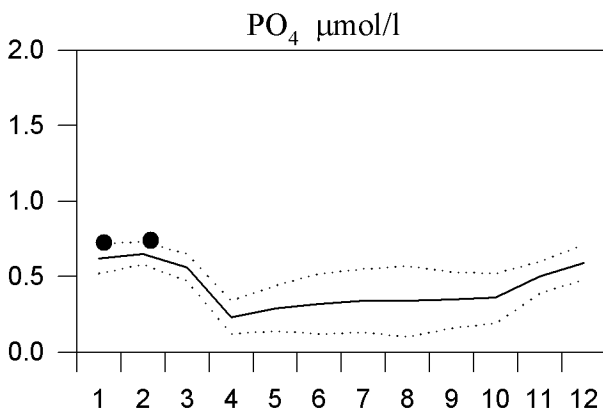
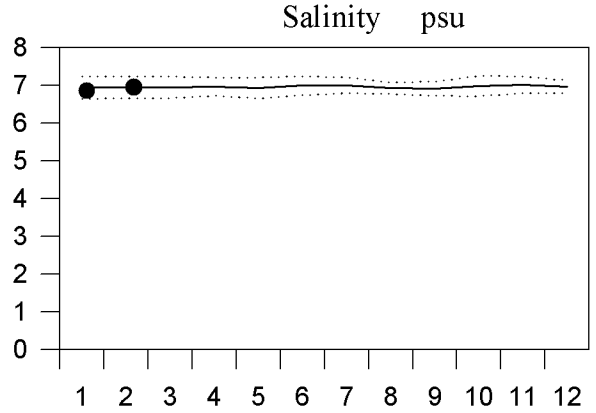
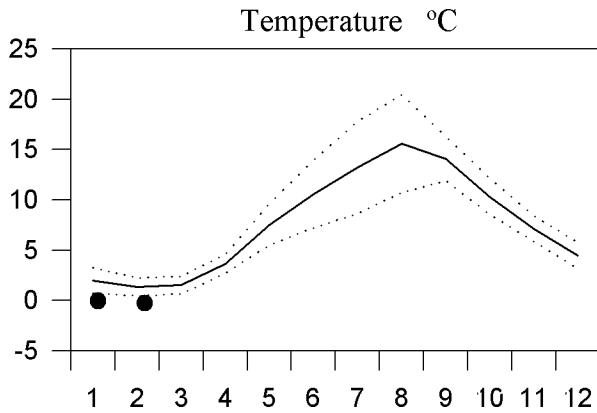
## OXYGEN IN BOTTOM WATER



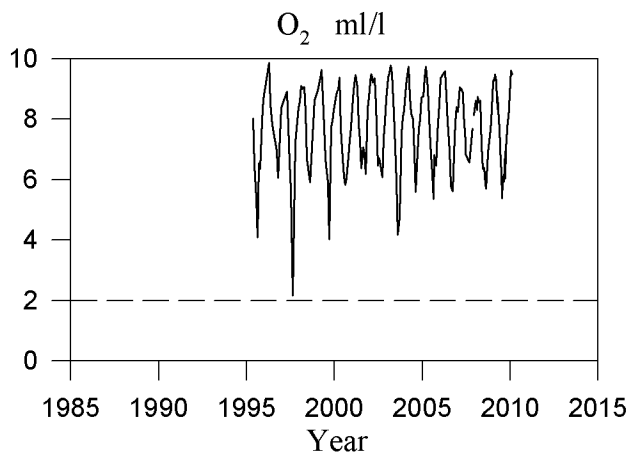
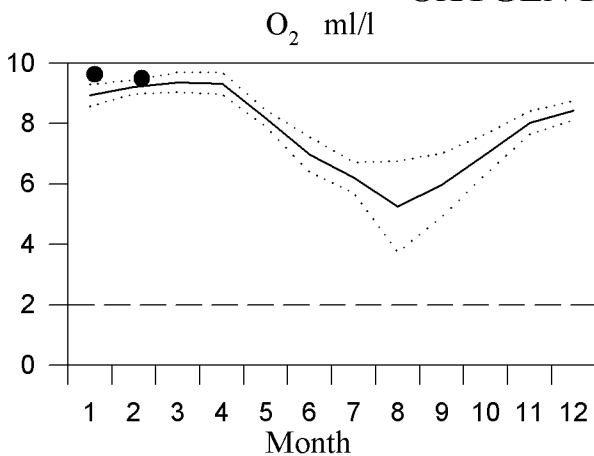
# STATION REF M1V1 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2010

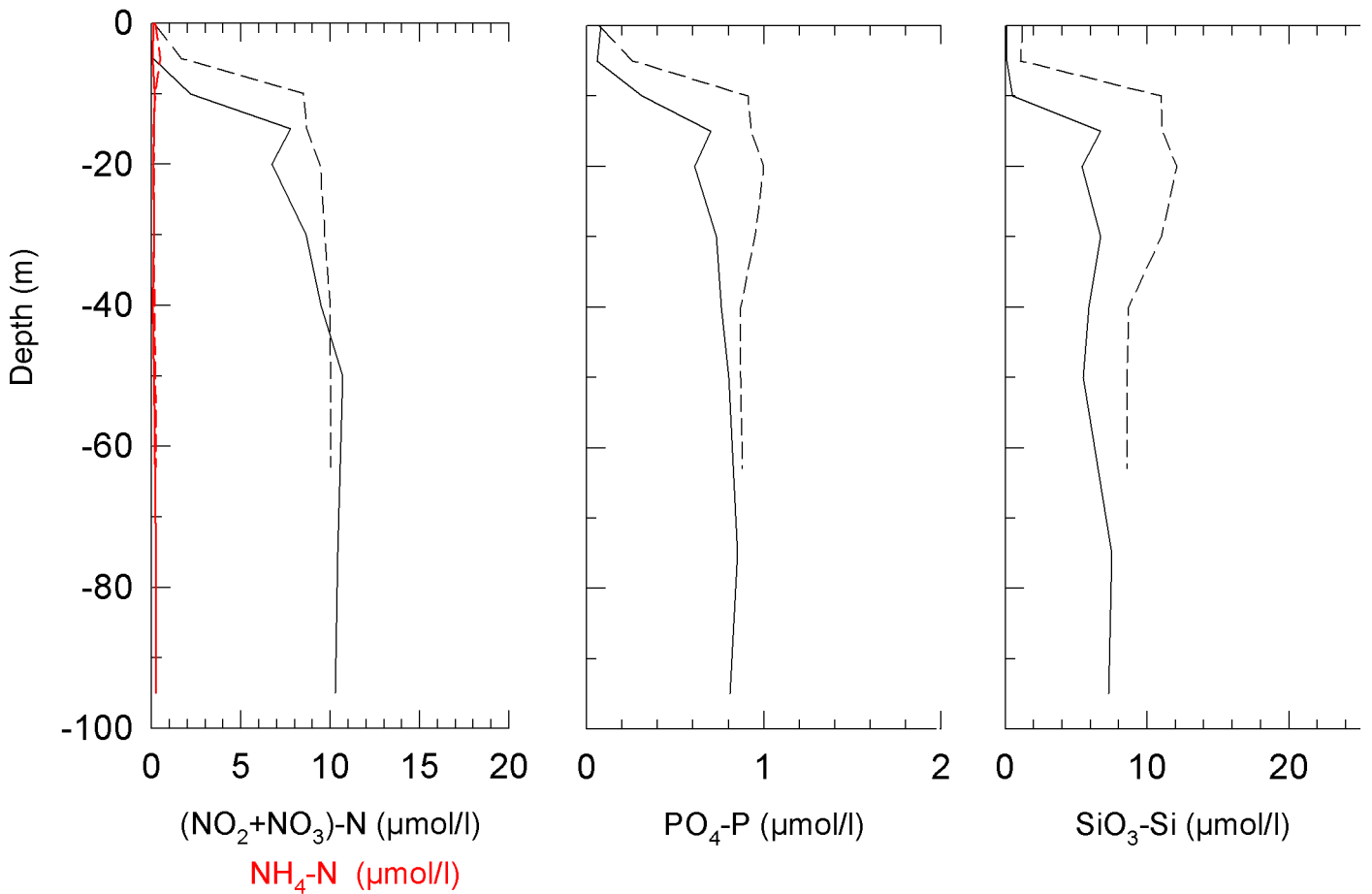
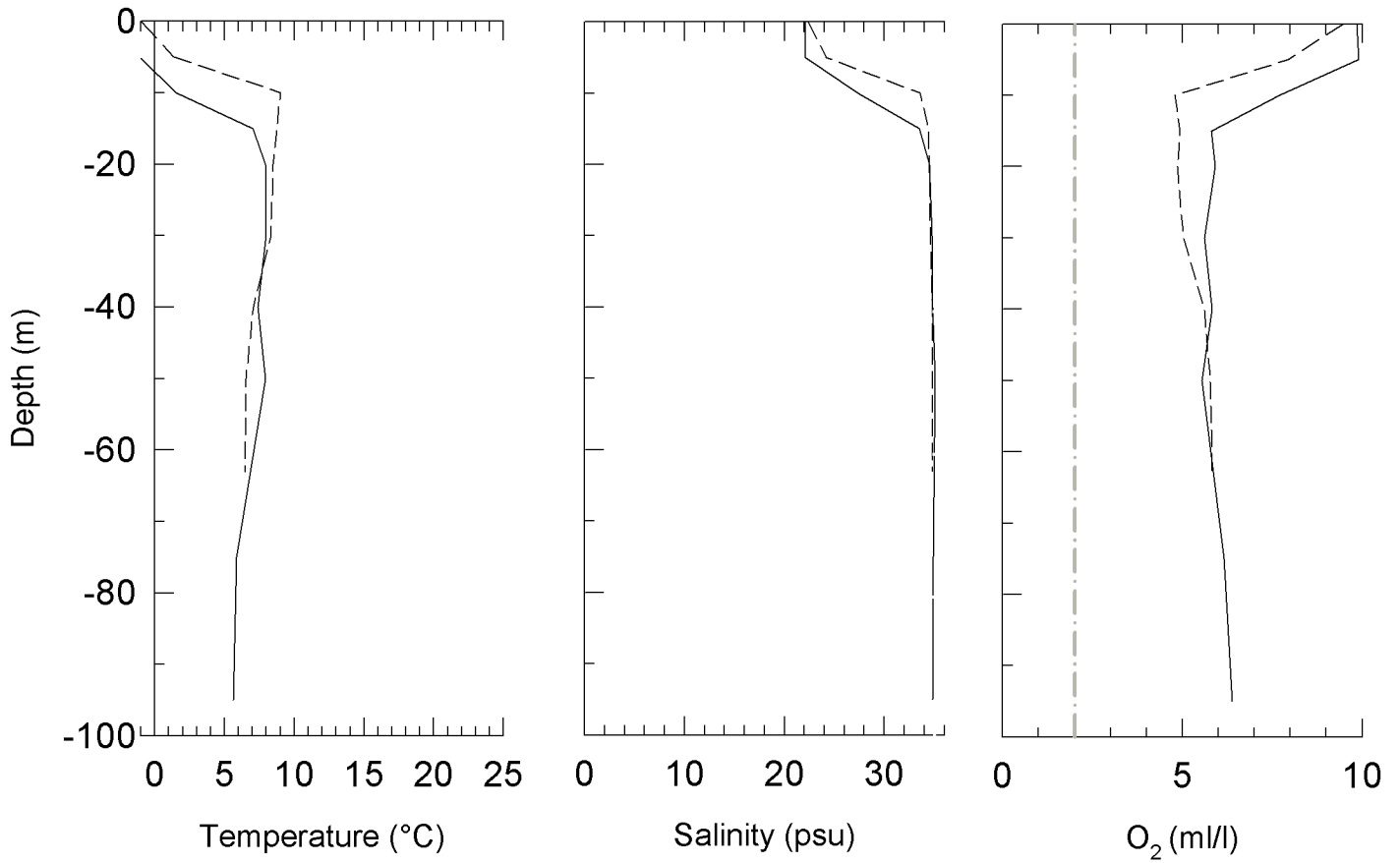


## OXYGEN IN BOTTOM WATER



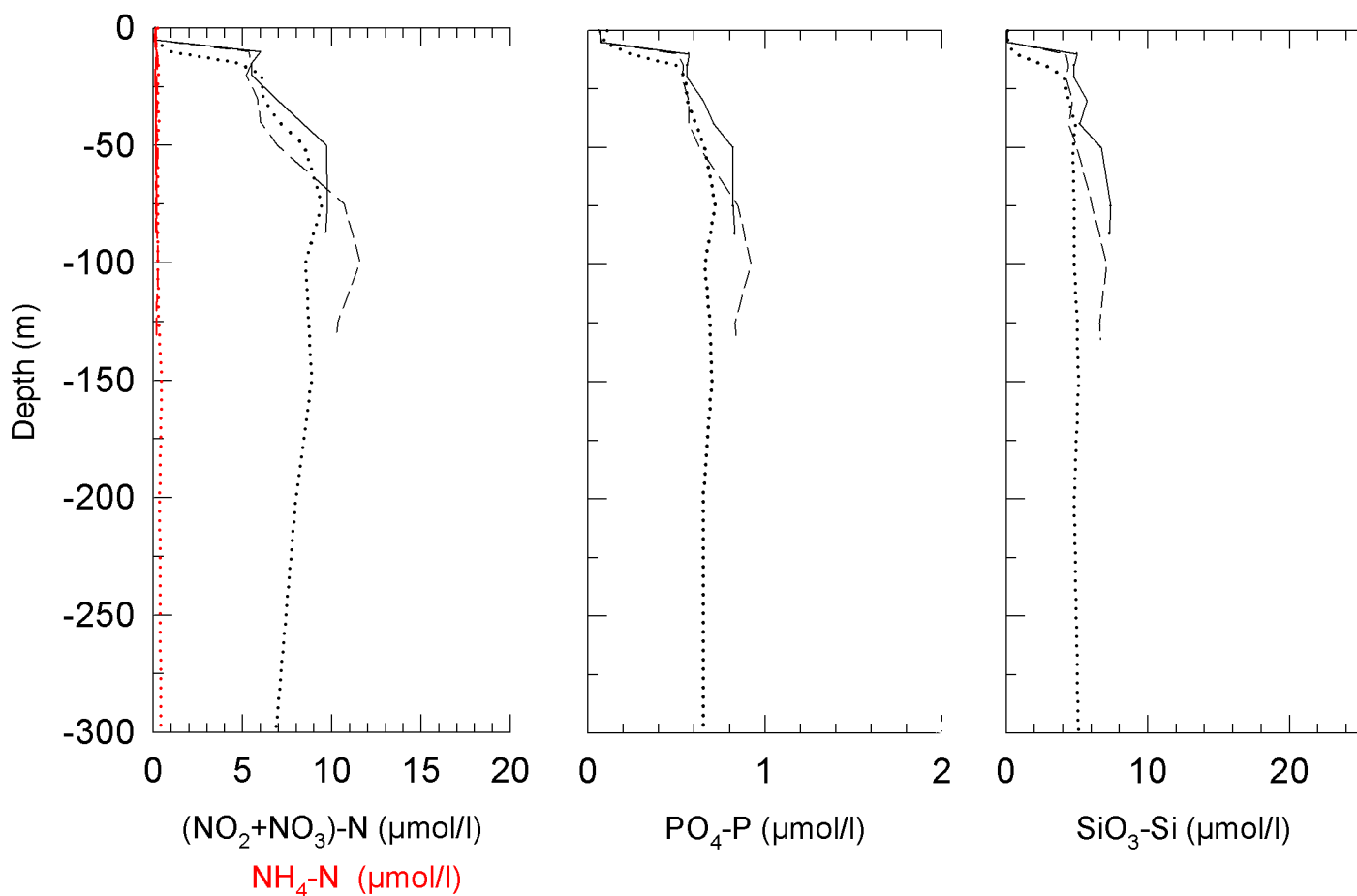
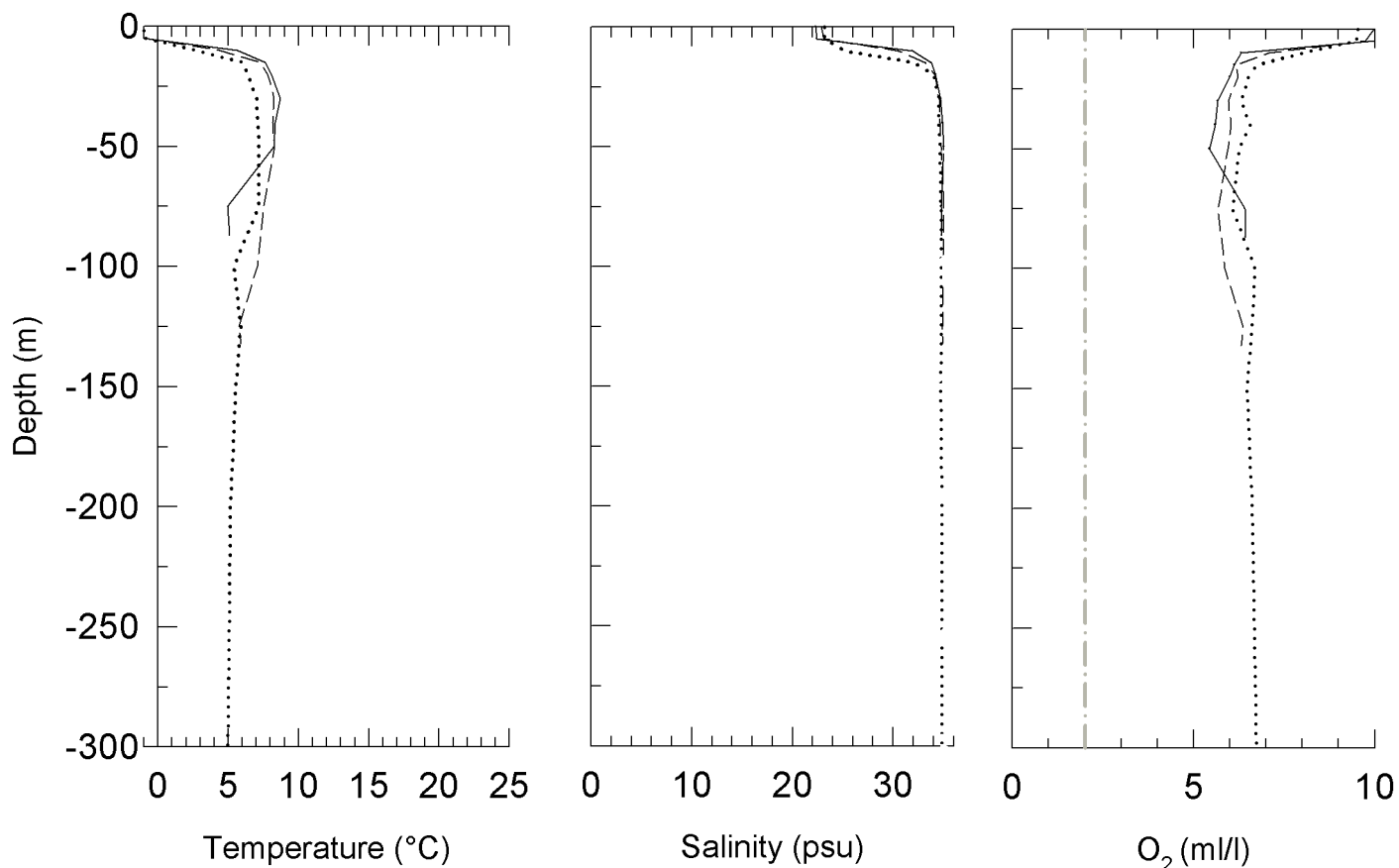
# SKAGERRAK Coast 20100214

—— P2      - - - - Släggö

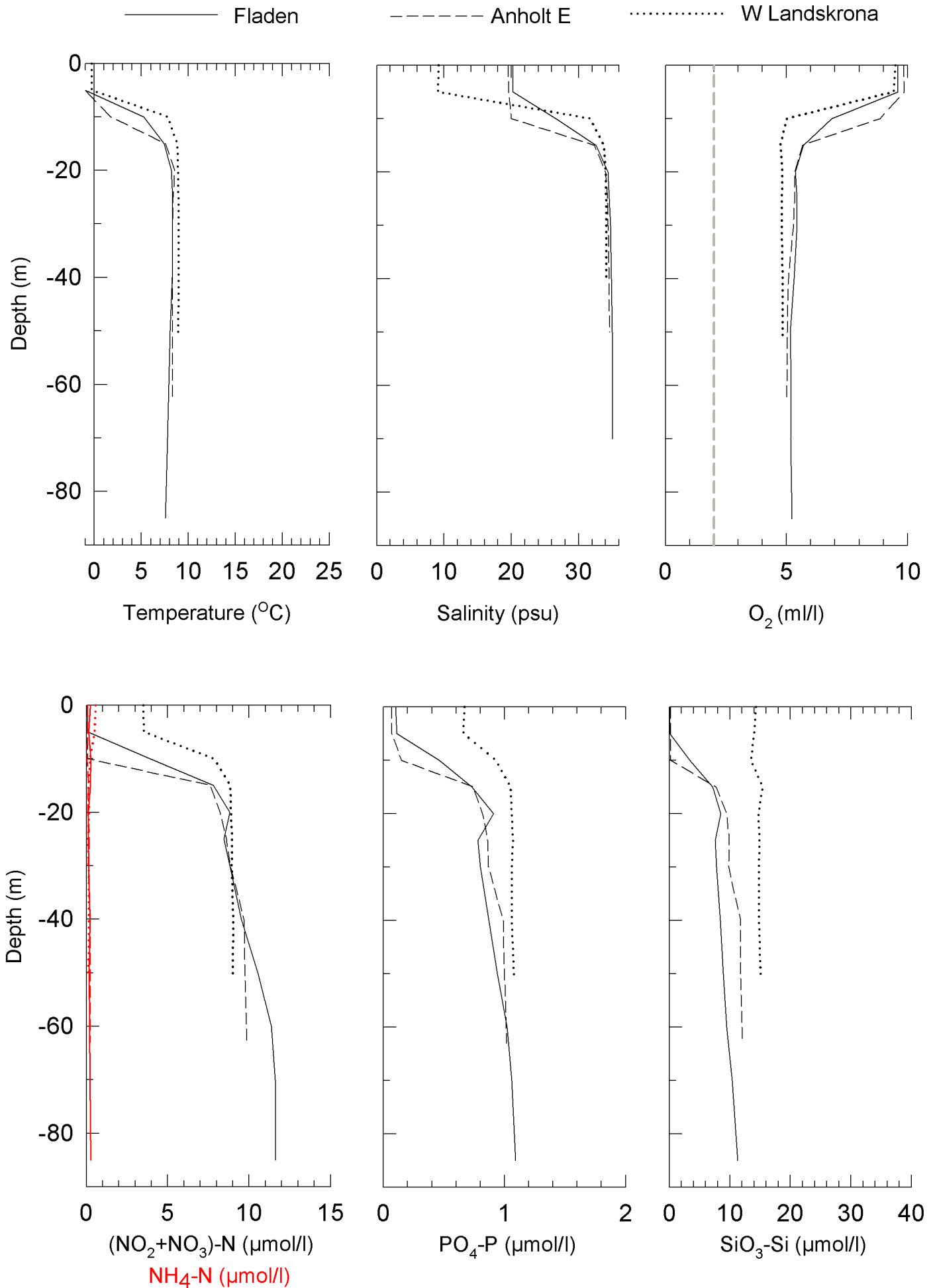


# SKAGERRAK Å-Section 20100214

—— Å13    - - - - - Å15    ..... Å17

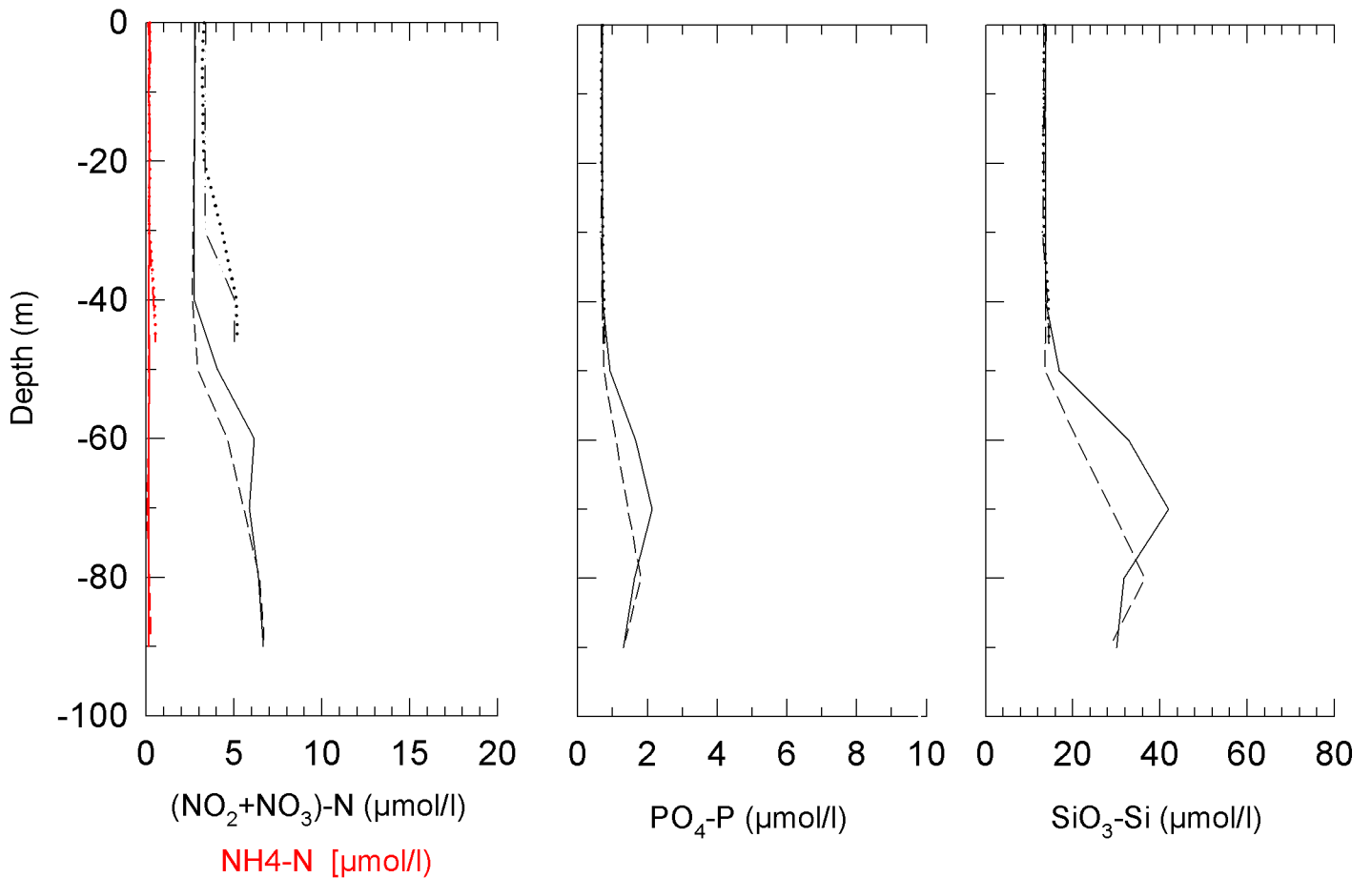
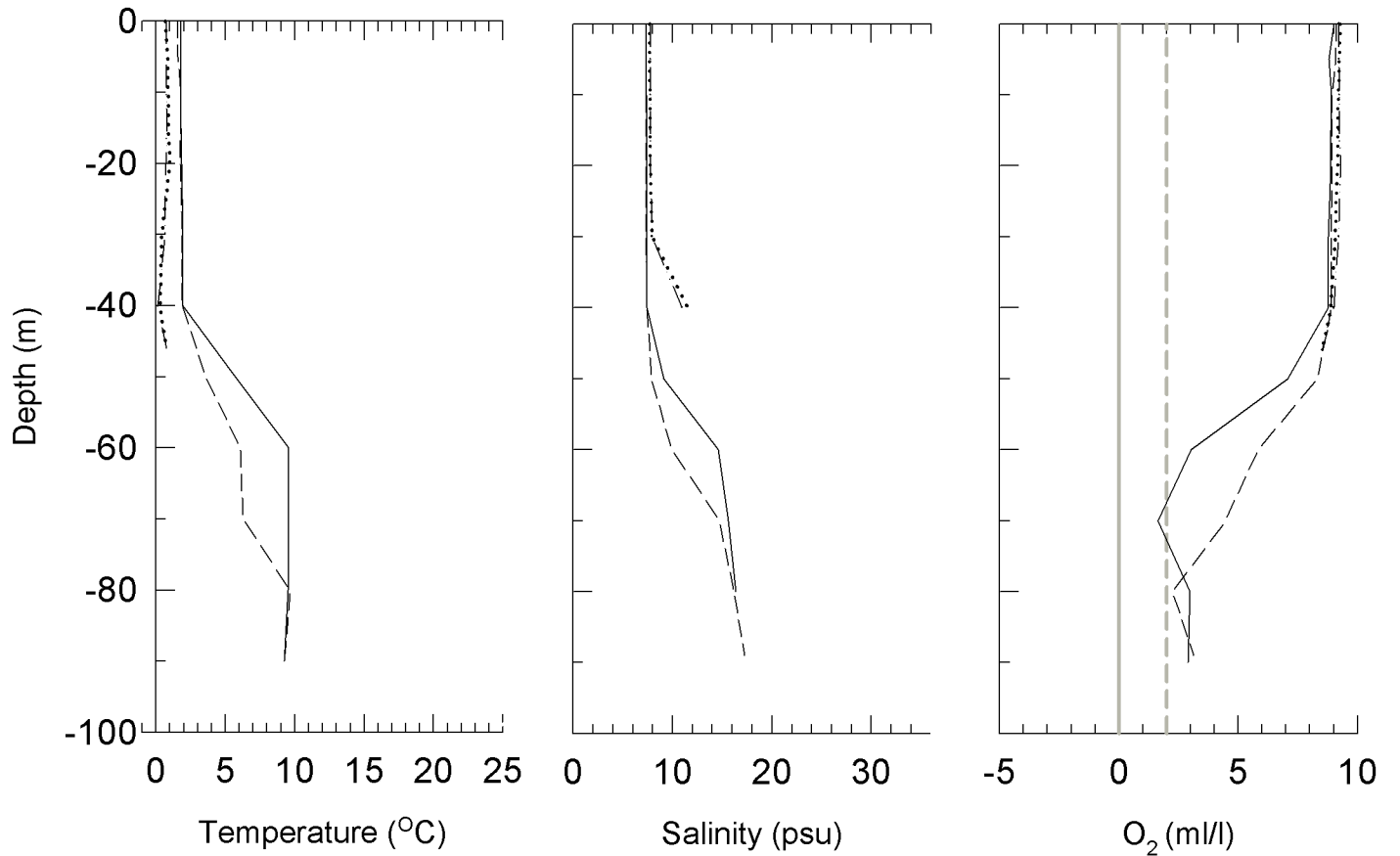


# KATTEGAT and THE SOUND 20100215-20100215



# SOUTHERN BALTIC 20100215-20100216

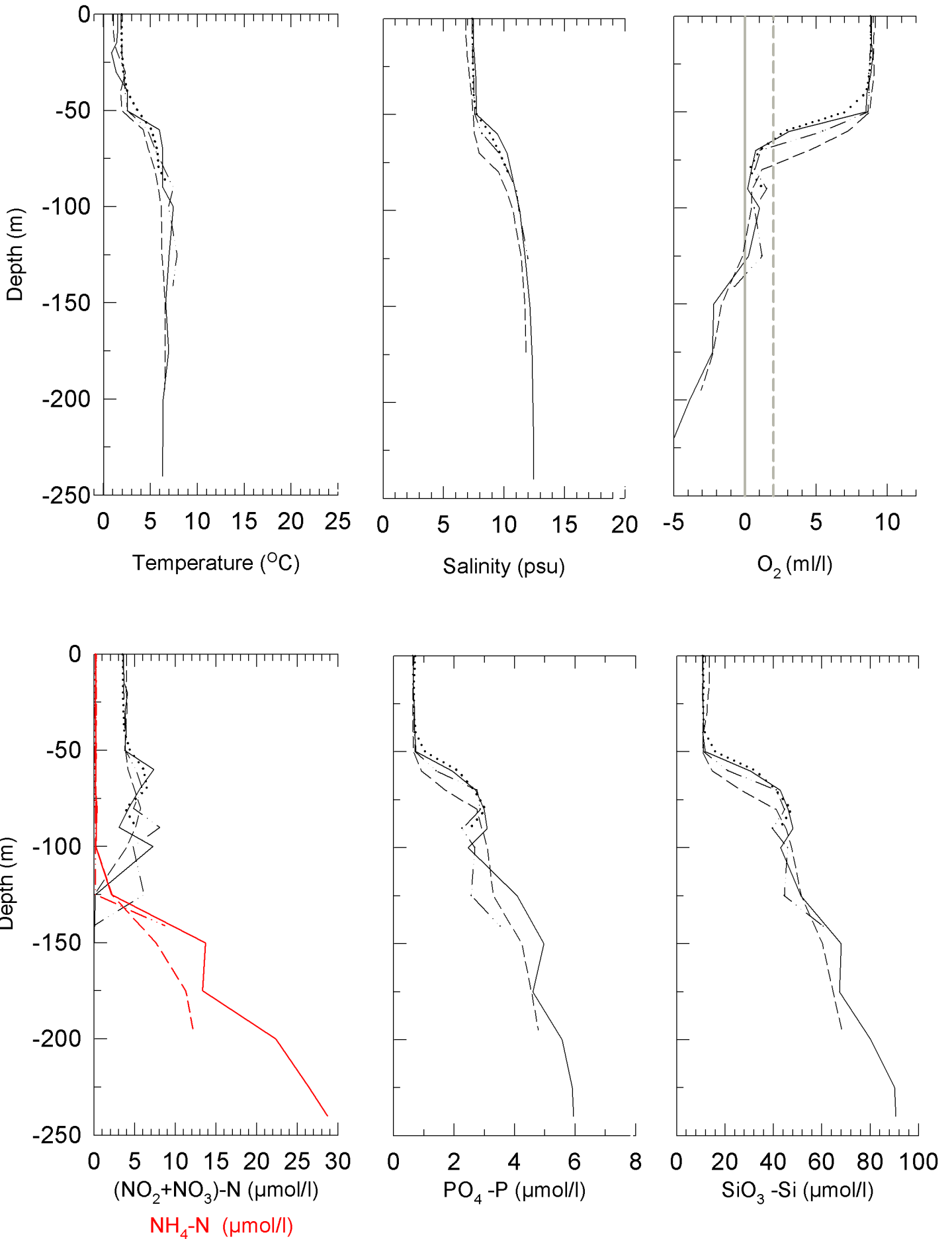
— BY5    - - - BY4    - · - · - BY2    ····· BY1



NH<sub>4</sub>-N [μmol/l]

# EASTERN BALTIC 20100217-20100218

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





# WESTERN BALTIC 20100220

————— BY32      - - - - - BY38

