



SMHI  
Ocean enh

\* \* \* \* \* Hydrographic  
\* \* \* \* \* series

Ship: 14-Argos  
Year: 2007

\* \* \* \* \*

Date: 2007-01-22  
Time: 10:53

Ser no	Stat code	Station name	Lat	Lon	Date	Time	Bottom	Secchi	Wind	Air temp	Air pres	WCSI	C	PPCPZT	No	T	S	P	O	H	P	T	N	N	T	A	S	H	L	P	T	C
					YYYYmmdd	hhmm	depth	depth	di	temp	pres	elec	t	Hrhhoor	de	e	a	h	x	2	0	0	0	0	0	0	0	0	0	0		
						utc	m	m	ve	C	hPa	aoae	d	Cilyooa	ml	y	S	4	t	2	3	4	t	k	o	m	g	N	C	m		
										hd	PrP	l	n	tu	motPBw	p	i	g	P	P	N	N	N	A	3	un	l	si				
										hd	PrP	l	n	tu	motPBw	p	i	g	P	P	N	N	N	A	3	un	l	si				
0001	KANX02BAS	SW VINGA GF4	N5733	E1131.5	20070115	1140	76	22	12	8.5	1008	2840	x	-----	12	x	x	-	x	x	x	x	x	-	x	-	-	-	-	-		
0002	KANX04BAS	GF6	N5732	E1119.5	20070115	1250	46	23	12	8.5	1008	2840	x	-----	9	x	x	-	x	x	x	x	x	-	x	-	-	-	-	x		
0003	KANX06BAS	GF8	N5727.9	E1054	20070115	1435	42	24	13	8.8	1008	2840	x	-----	8	x	x	-	x	x	x	x	x	-	x	-	-	-	-	-		
0004	KANX07BAS	GF9	N5726	E1042.5	20070115	1525	27	23	13	8.6	1008	2840	x	-----	6	x	x	-	x	x	x	x	x	-	x	-	-	-	-	-		
0005	KANX09BAS	LÄSÖ RÄNNÄ	N5717.6	E1044.5	20070115	1625	45	22	13	8.2	1007	9990	x	-----	9	x	x	-	x	x	x	x	x	-	x	-	-	-	-	-		
0006	KAWA11BAS	409 ÅLBORG BUGT	N5651.4	E1047.5	20070115	1905	15	23	14	7.7	1007	9990	x	-----	4	x	x	-	x	x	x	x	x	-	x	-	-	-	-	-		
0007	KAWX14BAS	925 KATTEGAT SW	N5607.9	E1109.6	20070115	2330	46	21	14	7.7	1007	9990	x	-----	9	x	x	-	x	x	x	x	x	-	x	-	-	-	-	-		
0008	KAEXX3BAS	KULLEN	N5614	E1222.2	20070116	0310	26	20	12	6.5	1007	9990	x	-----	6	x	x	-	x	x	x	x	x	-	x	-	-	-	-	-		
0009	SONX33BAS	ØRESUND-12X	N5607.6	E1231.0	20070116	0410	26	23	13	6.3	1007	9990	x	-----	6	x	x	-	x	x	x	x	x	-	x	-	-	-	-	-		
0010	SOCX39BAS	W LANDSKRONA	N5552.0	E1245.0	20070116	0600	50	22	10	6.5	1007	9990	x	-x-	9	x	x	-	x	x	x	x	x	-	x	-	-	-	-			
0011	SOCX41BAS	ØRESUND-7	N5546.2	E1247.8	20070116	0700	19	23	12	6.9	1007	2830	x	-----	5	x	x	-	x	x	x	x	x	-	x	-	-	-	-	-		
0012	SOCX44BAS	ØRESUND-4	N5538.8	E1257.3	20070116	0800	15	25	14	6.8	1008	2830	x	-----	4	x	x	-	x	x	x	x	x	-	x	-	-	-	-	-		
0013	SOSX46BAS	ØRESUND-2	N5533.25	E1245.5	20070116	0855	11	23	10	6.9	1008	2830	x	-----	3	x	x	-	x	x	x	x	x	-	x	-	-	-	-	-		
0014	SOSX48EXT	DROGDEN E	N5532.40	E1243.75	20070116	0910	11	23	10	6.9	1008	2830	x	-----	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
0015	BPSA02BAS	BY1	N5500	E1318	20070116	1325	47	23	12	7.0	1010	2840	x	--x---	8	x	x	-	x	x	x	x	x	-	x	-	-	-	-	-		
0016	BPSA03BAS	BY2 ARKONA	N5500	E1405	20070116	1620	47	24	10	7.3	1011	9990	x	--xx--	8	x	x	-	x	x	x	x	x	-	x	-	-	-	-	-		
0017	BPSB06BAS	BY4 CHRISTIANSSÖ	N5523	E1520	20070116	2150	93	24	8	7.0	1011	9990	x	--x---	13	x	x	-	x	x	x	x	x	-	x	-	-	-	-	x		
0018	BPSB07BAS	BY5 BORNHOLMSDJ	N5515	E1559	20070117	0040	91	25	5	6.2	1012	9990	x	-xxx--	12	x	x	x	-	x	x	x	x	x	-	x	-	-	-	-		
0019	BPE11BAS	BCS III-10	N5533.3	E1824	20070117	0855	92	19	4	5.9	1010	6830	x	--x---	12	x	x	-	x	x	x	x	x	-	x	-	-	-	-	-		
0020	BPEX13BAS	BY10	N5638	E1935	20070117	1615	146	20	11	5.9	1002	9990	x	--x---	15	x	x	-	x	x	x	x	x	-	x	-	-	-	-	-		
0021	BPEX21BAS	BY15 GOTLANDSDJ	N5720	E2003	20070117	2035	247	18	14	6.4	995	9990	x	--xx--	19	x	x	x	x	x	x	x	x	x	-	x	-	-	-	-		
0022	BPEX21EXT	BY15 GOTLANDSDJ	N5720	E2003	20070117	2130	247	18	14	6.4	995	9990	x	--xx--	6	x	x	-	x	x	x	x	x	-	x	-	-	-	-	x		
0023	BPEX26BAS	BY20 FÅRÖDJ	N5800	E1953	20070118	0200	204	21	15	6.4	983	6990	x	--x---	17	x	x	-	x	x	x	x	x	-	x	-	-	-	-	-		
0024	BPNX35BAS	BY29	N5853	E2019	20070118	0815	177	25	18	4.9	977	2760	x	--x---	16	x	x	-	x	x	x	x	x	-	x	-	-	-	-	-		
0025	BPNX37BAS	BY31 LANDSORTSBJ	N5835	E1814	20070118	1620	460	20	11	4.3	972	9990	x	--xx--	23	x	x	-	x	x	x	x	x	-	x	-	-	-	-	x		
0026	BPWX38BAS	BY32 NORRKÖPINGSDJ	N5801	E1759	20070118	2030	207	11	3	4.6	969	9990	x	--x---	17	x	x	-	x	x	x	x	x	-	x	-	-	-	-	-		
0027	BPWX45BAS	BY38 KARLSÖDJ	N5707	E1740	20070119	0130	113	34	11	4.6	972	9990	x	--x---	14	x	x	-	x	x	x	x	x	-	x	-	-	-	-	-		

SMHI  
Ocean enh

\*\*\*\*\* Hydrographic  
\*\*\*\*\* series  
Ship: 14-Argos  
Year: 2007

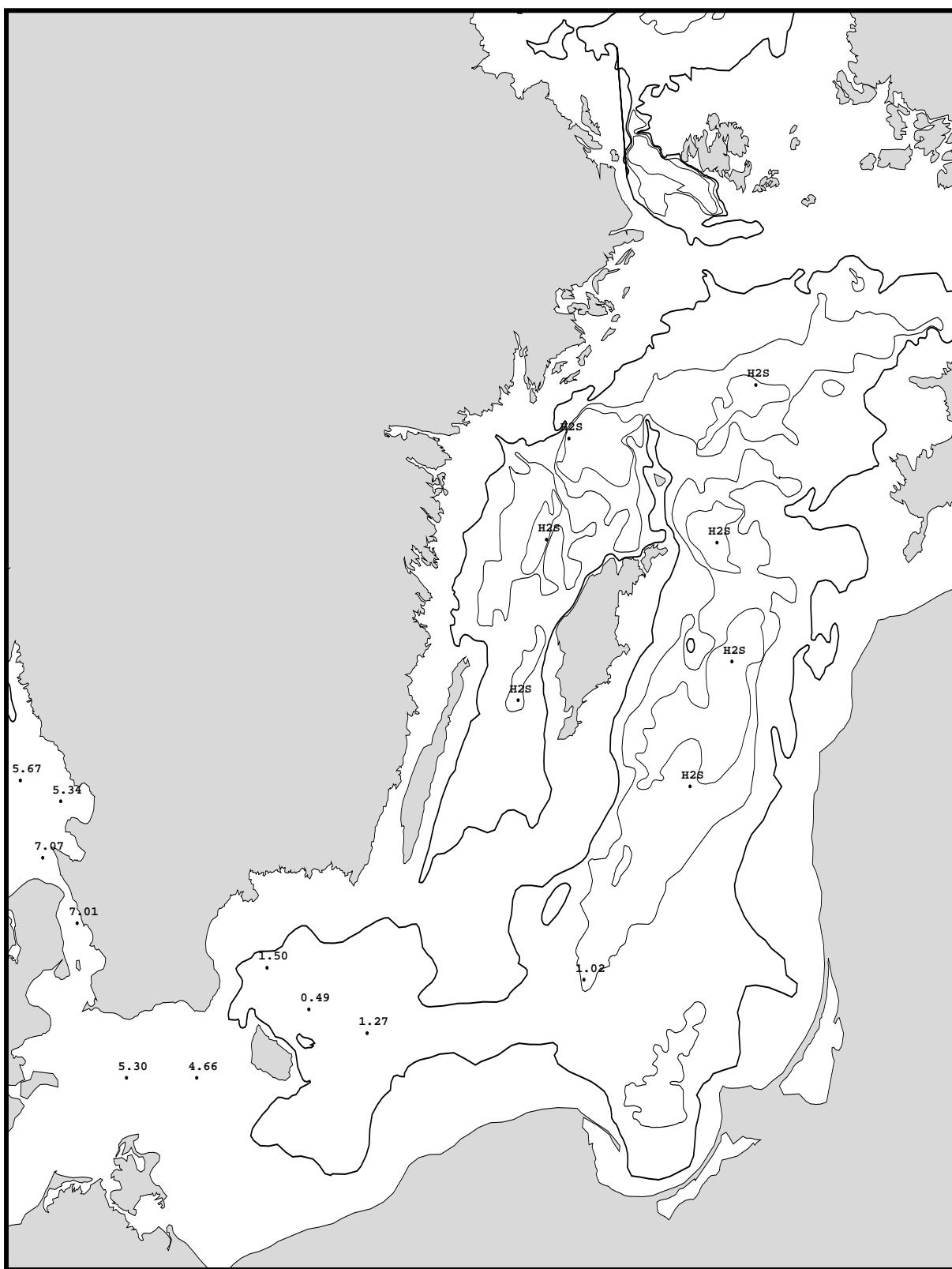
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Date: 2007-01-22  
Time: 10:53

Ser no	Stat o	P r	Station-----	Lat----	Lon----	Date yyyymmdd	Time hhmm	Bottom utc	Secchi m	Wind depth m	Wind di	Wind ve	Air temp C	Air pres hPa	WCSI aoae d	C PPCPZT Hrhhoor	C Ilyooa	T de e	S a	P h	O o	H o	P t	T n	N n	N t	A s	H l	L p	P p	T c			
0028	BPSH05BAS		HANÖBUKTEN			N5537	E1452	20070119	1320	79	29	15	7.0	991	1240	x	--x---	11	x	x	-	x	x	x	x	x	x	x	-	-	-	-	-	x
0029	SOSX48EXT		DROGDEN E			N5532.40	E1243.75	20070119	2134	11	27	7	5.4	1007	9990	x	-----	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0030	KAEL63BAS		LAHOLM-3 (YG)			N5633.3	E1234	20070120	0300	23	12	5	4.4	1006	9990	x	-----	6	x	x	-	x	x	x	x	x	x	-	-	-	-	-	-	-
0031	KAEX30BAS		ST MIDDELGRUND			N5634	E1213	20070120	0425	48	13	9	4.8	1003	9990	x	-----	9	x	x	-	x	x	x	x	x	x	-	-	-	-	-	-	-
0032	KAEX29BAS		ANHOLT E			N5640.0	E1207.0	20070120	0530	60	14	13	4.5	1001	6990	x	-xxxx-	10	x	x	x	-	x	x	x	x	x	x	-	-	-	-	-	-
0033	KANX26BAS	L:A	MIDDELGRUND			N5657.5	E1145.5	20070120	0825	100	12	12	3.2	995	6840	x	-----	14	x	x	-	x	x	x	x	x	x	-	-	-	-	-	x	
0034	KANX25BAS	FLADEN				N5711.5	E1140	20070120	1005	81	14	17	2.3	992	7850	x	--x---	12	x	x	-	x	x	x	x	x	x	-	-	-	-	-	x	
0035	SKBX23BAS	P2				N5752	E1118	20070120	1335	93	17	17	6.3	982	2750	x	--x---	10	x	x	-	x	x	x	x	x	x	-	-	-	-	-	-	
0036	SKEX21BAS	MÄSESKÄR W (BUOY)				N5803.5	E1117.2	20070120	1500	46	21	15	6.2	979	1240	x	--x---	8	x	x	-	x	x	x	x	x	-	-	-	-	-	-	x	
0037	FIBG27BAS	SLÄGGÖ				N5815.5	E1126.0	20070120	1625	63	20	19	6.5	979	9990	x	--xx---	9	x	x	-	x	x	x	x	x	x	-	-	-	-	-	-	

### Bottom water oxygen concentration (ml/l)

Country : Sweden  
Ship : Argos  
Date : 20070116-20070120  
Series : 0008-0034



# STATION W LANDSKRONA SURFACE WATER

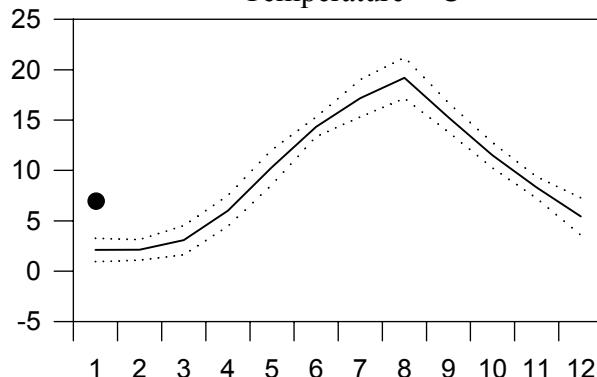
## Annual Cycles

— Mean 1995-2004

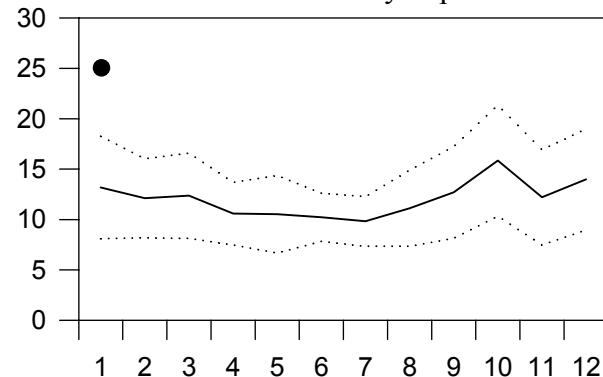
..... St.Dev.

● 2007

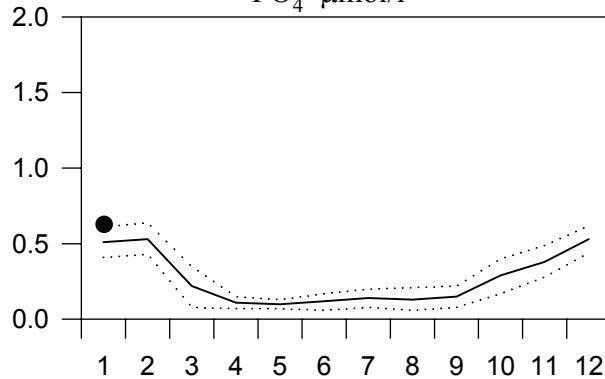
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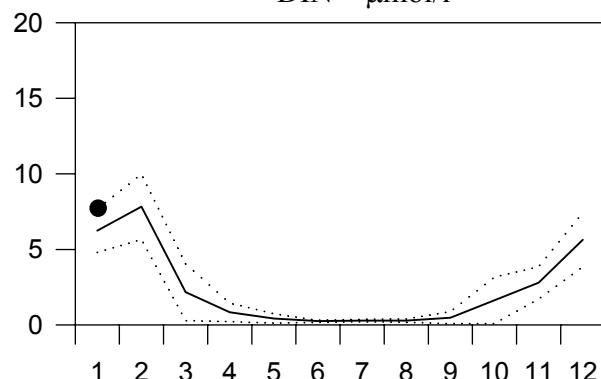
Salinity psu



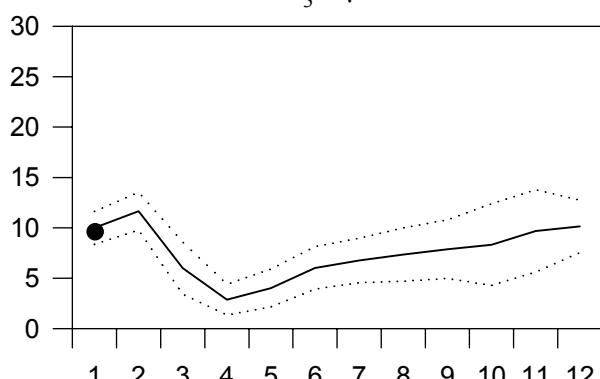
PO<sub>4</sub> μmol/l



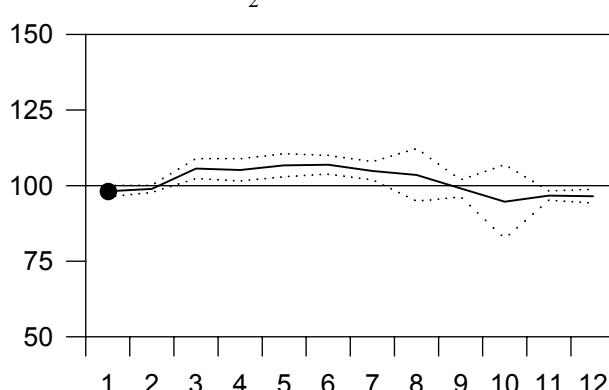
DIN μmol/l



SiO<sub>3</sub> μmol/l

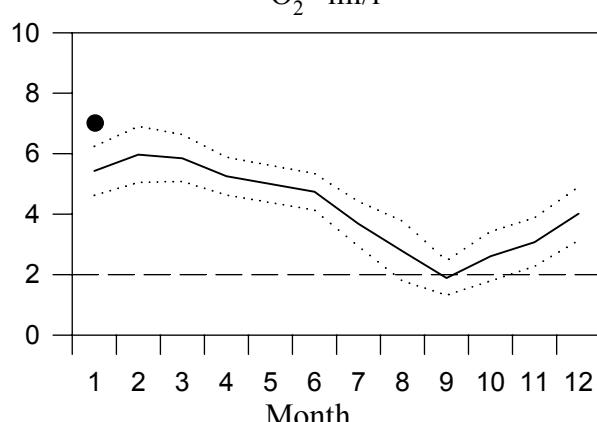


O<sub>2</sub> saturation %

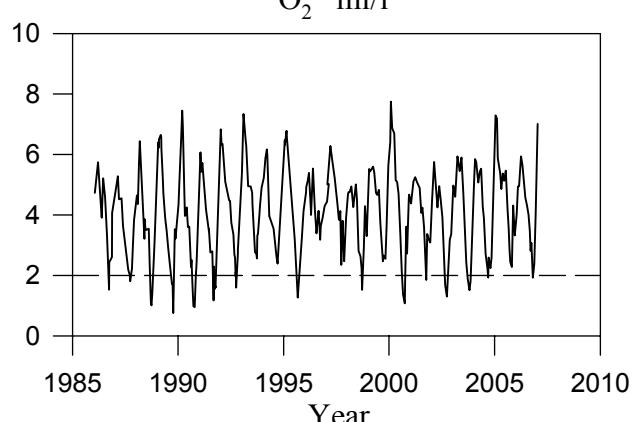


## OXYGEN IN BOTTOM WATER

O<sub>2</sub> ml/l



O<sub>2</sub> ml/l



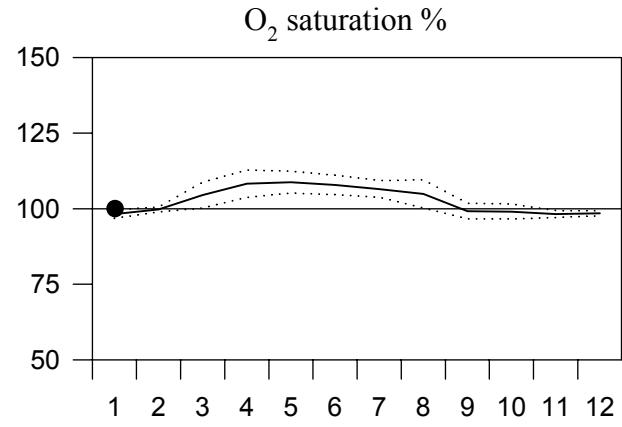
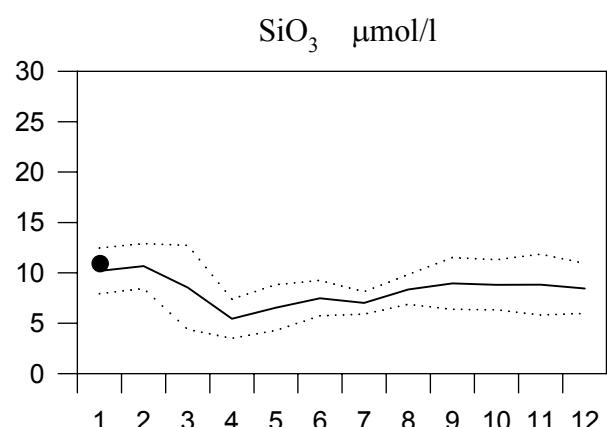
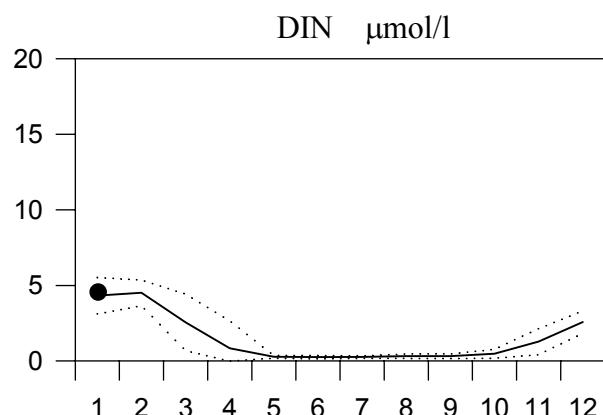
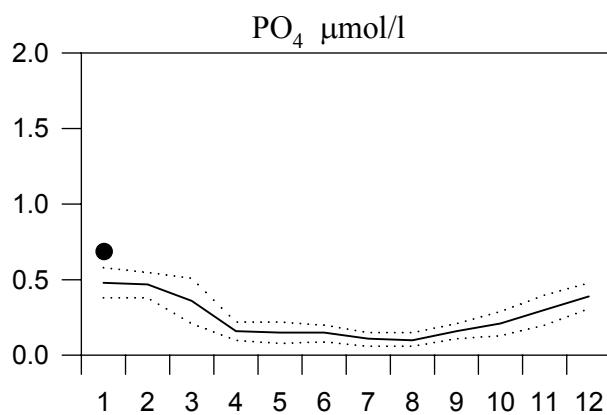
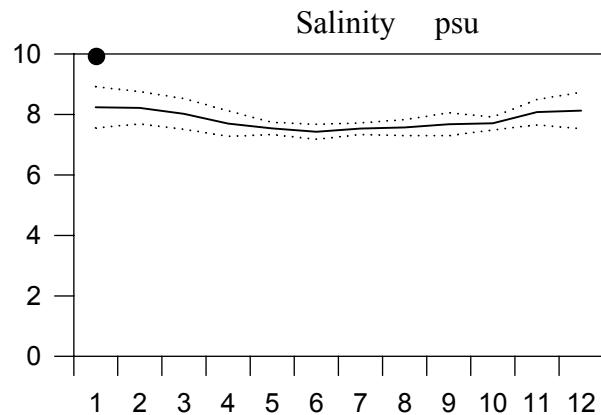
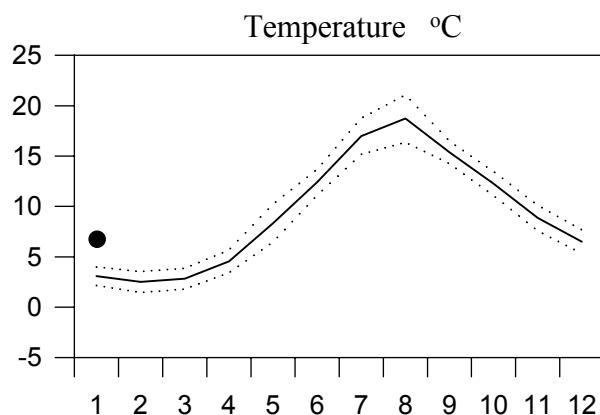
# STATION BY1 SURFACE WATER

## Annual Cycles

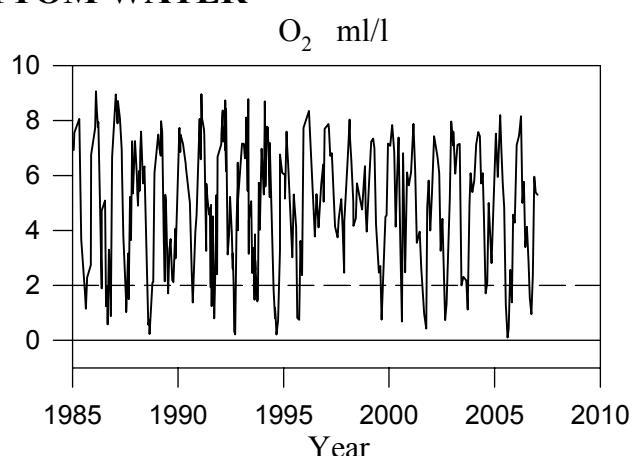
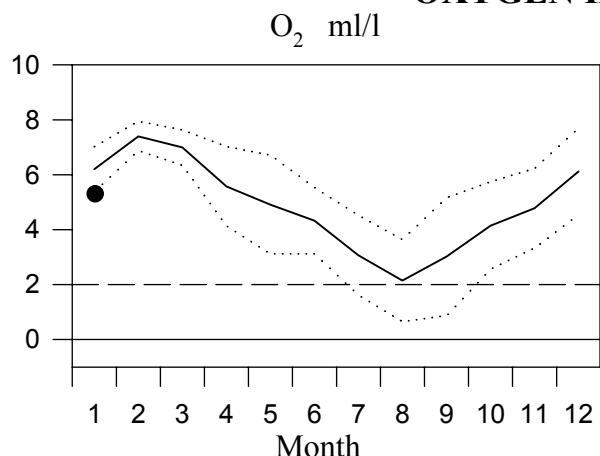
— Mean 1995-2004

..... St.Dev.

● 2007



## OXYGEN IN BOTTOM WATER



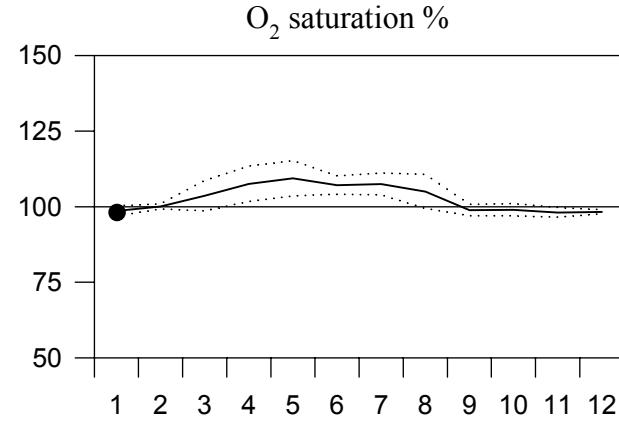
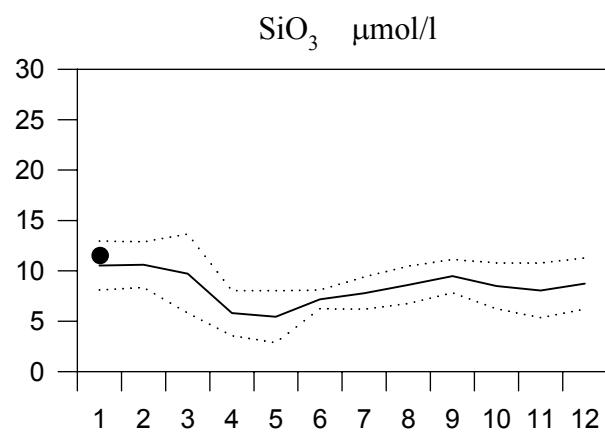
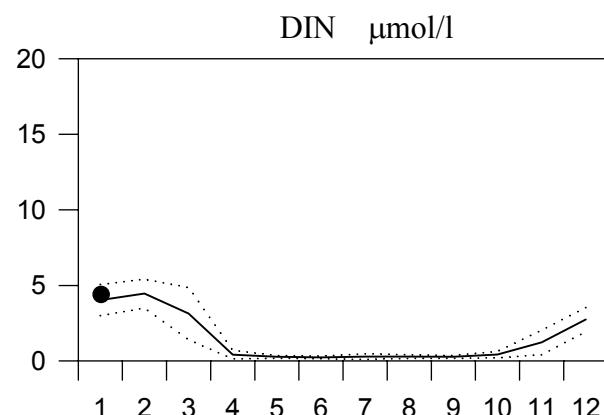
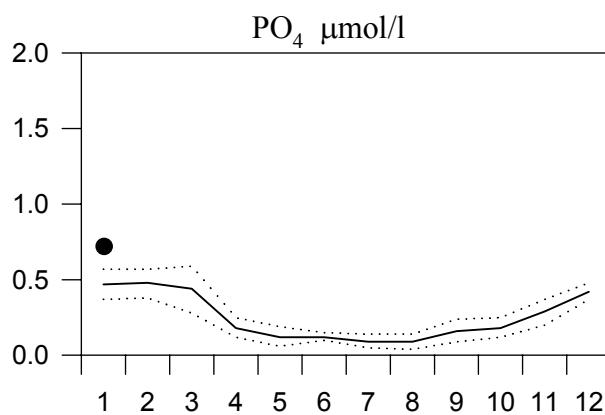
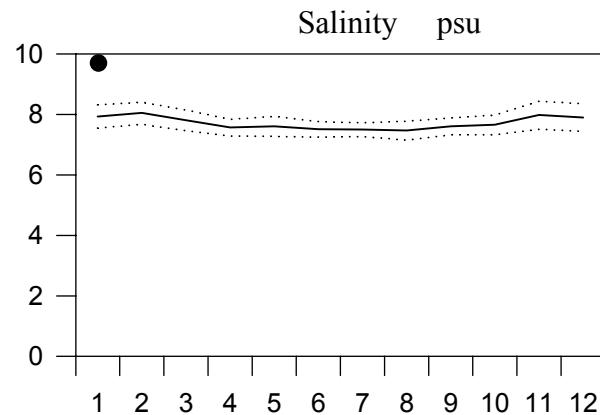
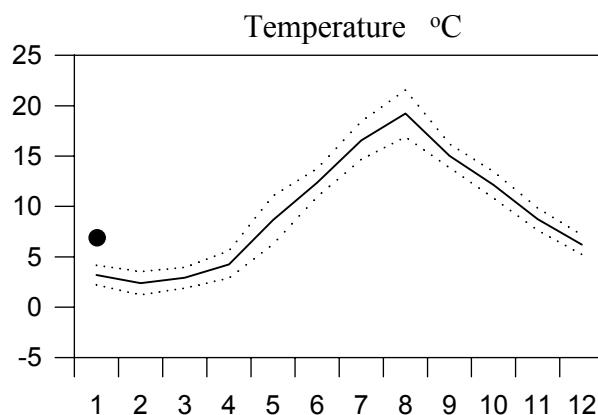
# STATION BY2 SURFACE WATER

## Annual Cycles

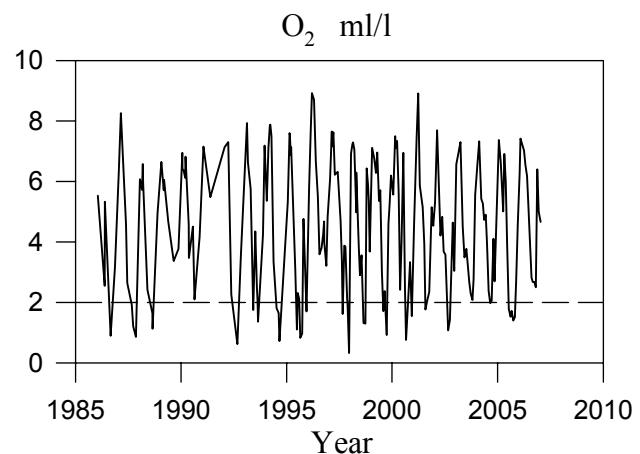
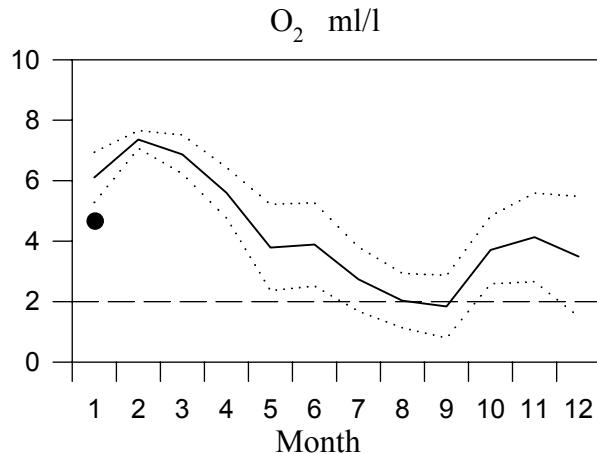
— Mean 1995-2004

..... St.Dev.

● 2007



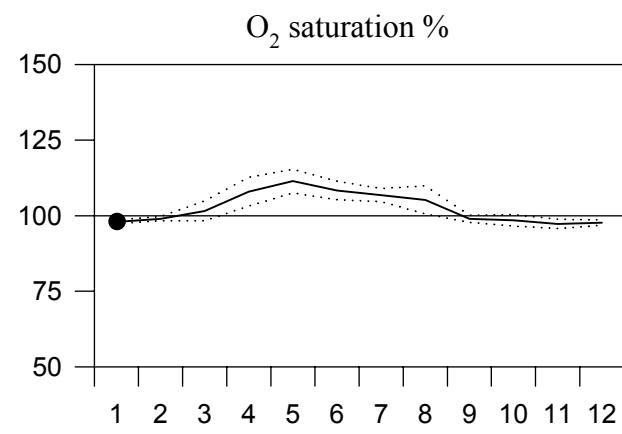
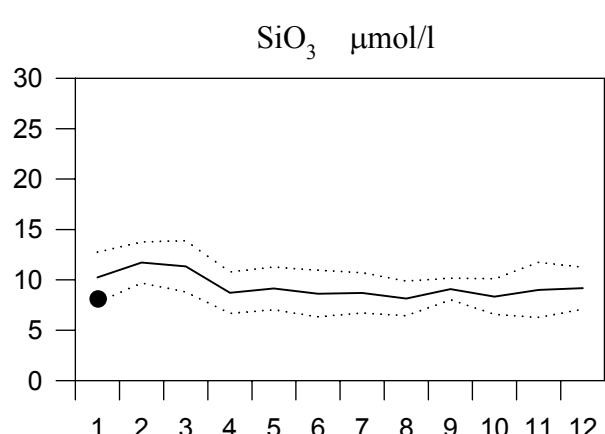
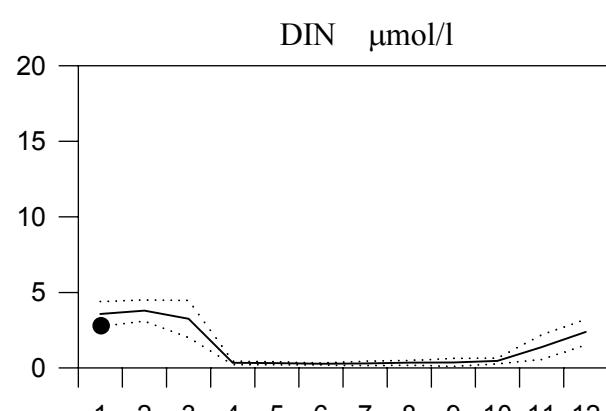
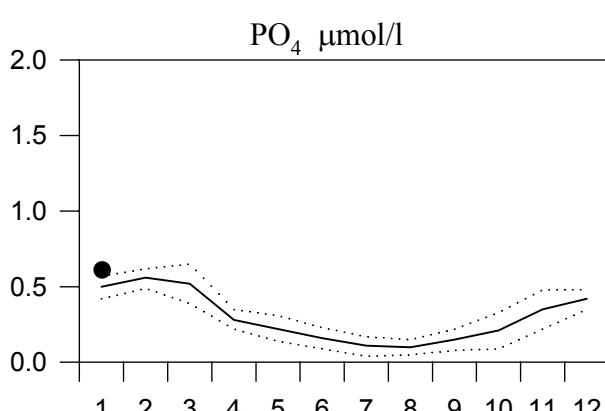
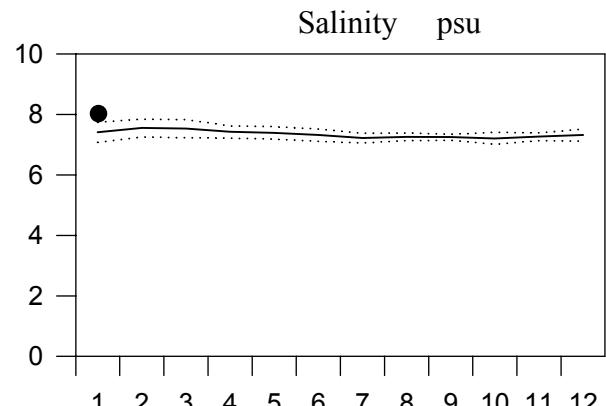
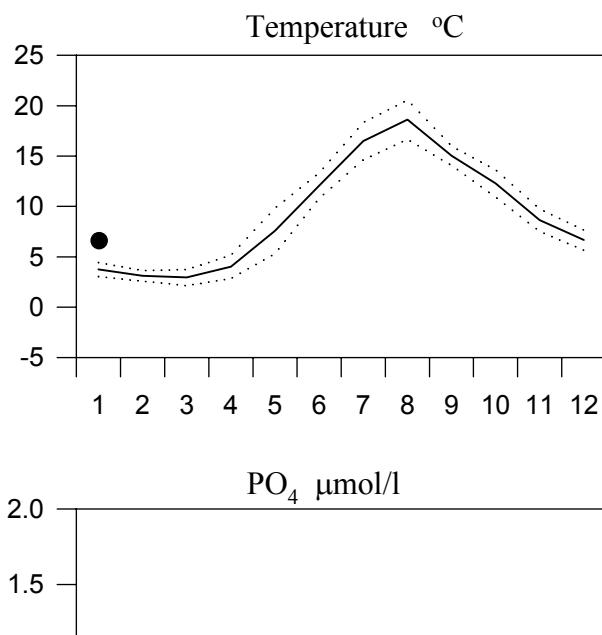
## OXYGEN IN BOTTOM WATER



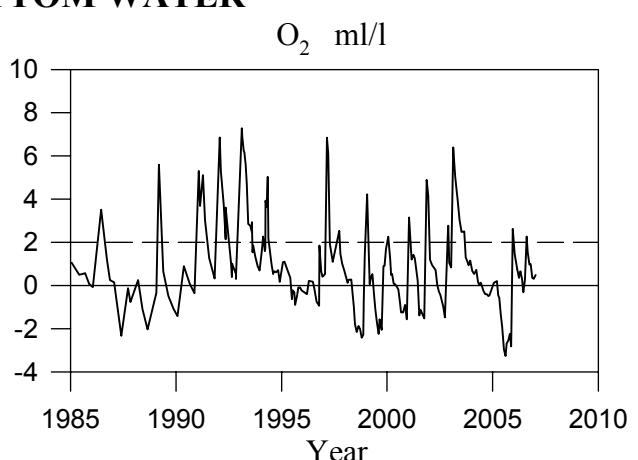
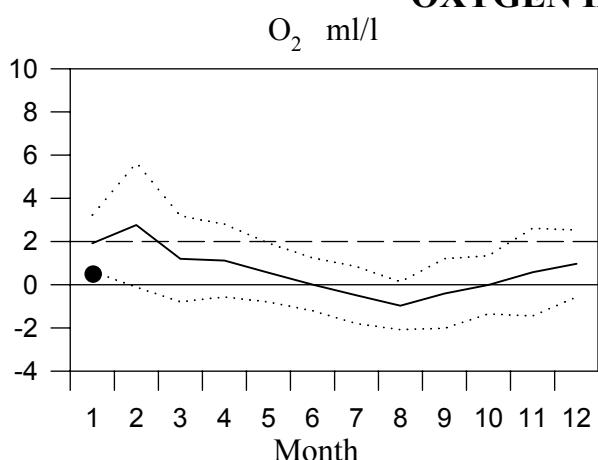
# STATION BY4 SURFACE WATER

## Annual Cycles

— Mean 1995-2004    ..... St.Dev.    ● 2007



## OXYGEN IN BOTTOM WATER



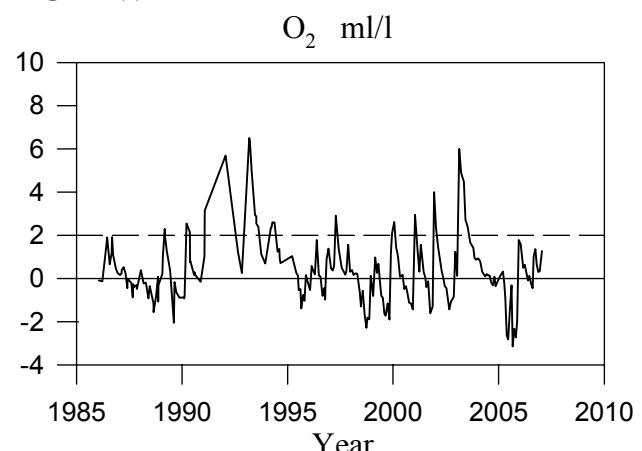
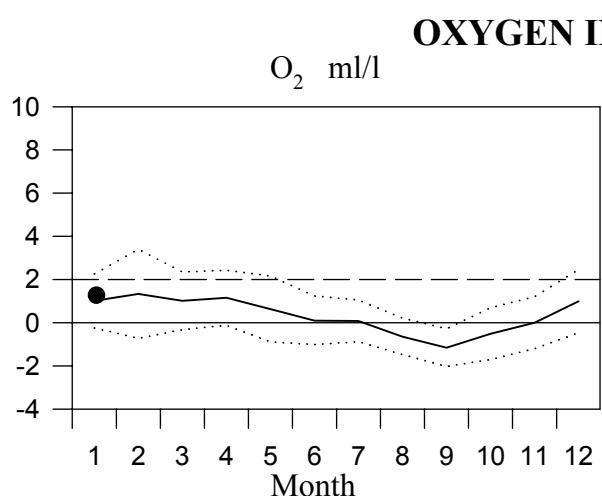
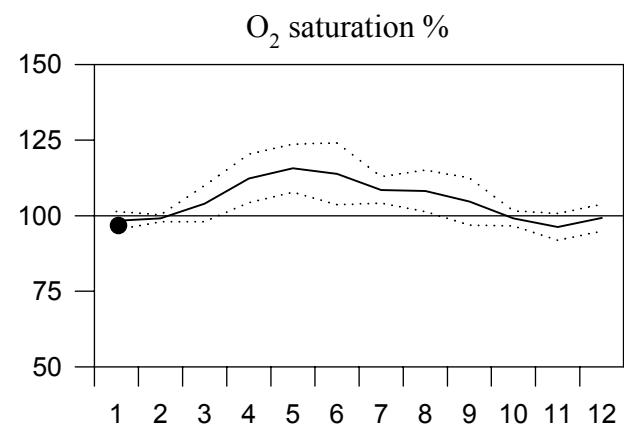
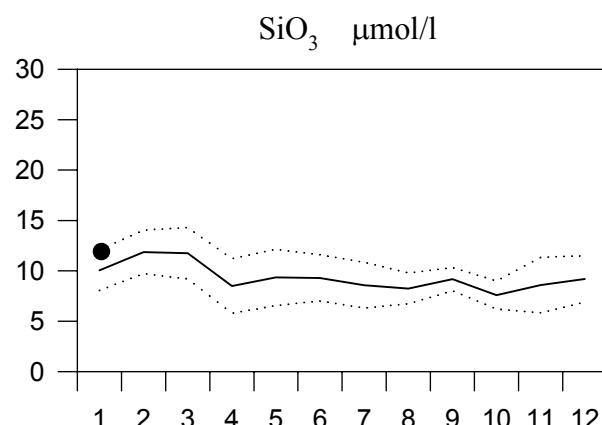
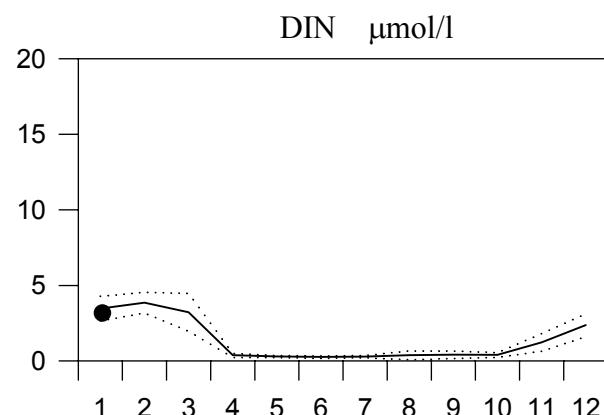
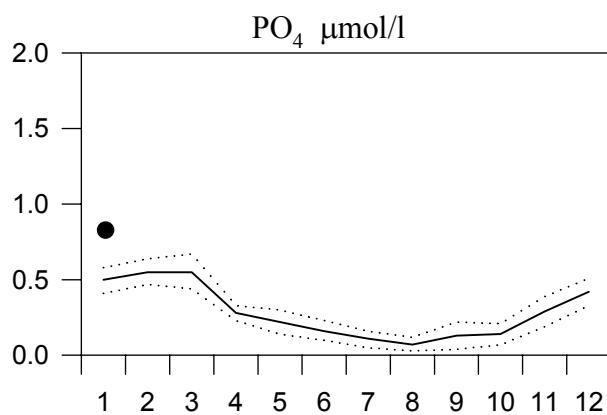
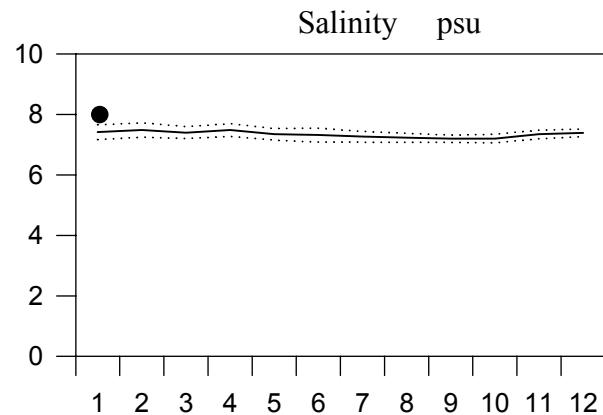
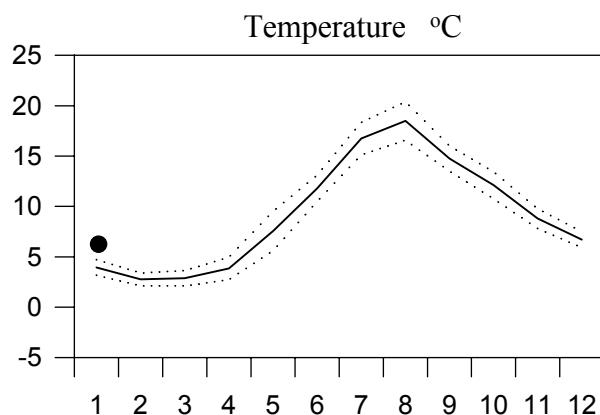
# STATION BY5 SURFACE WATER

## Annual Cycles

— Mean 1995-2004

..... St.Dev.

● 2007



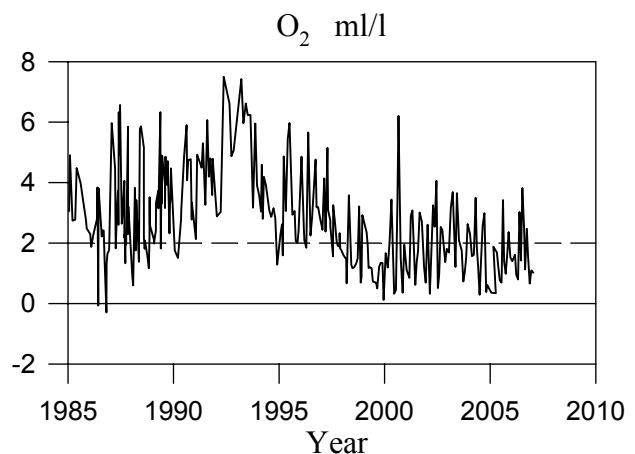
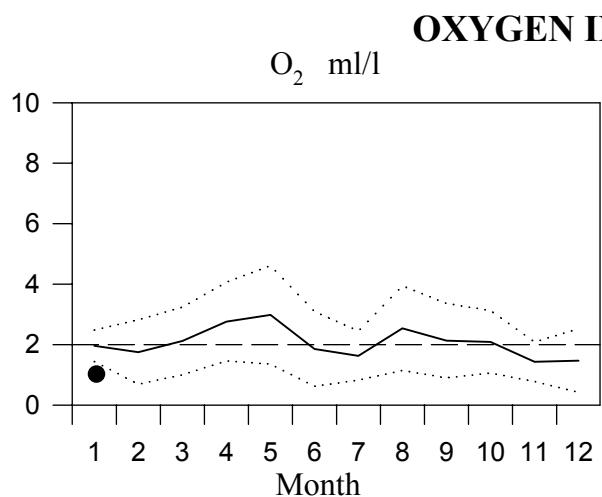
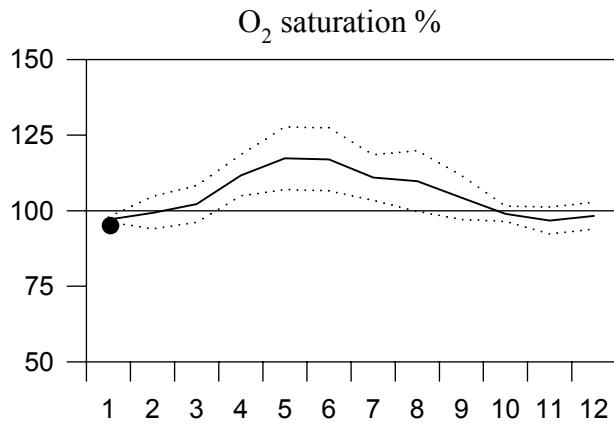
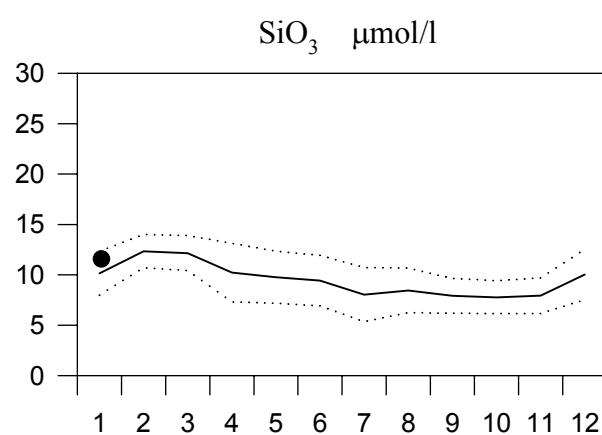
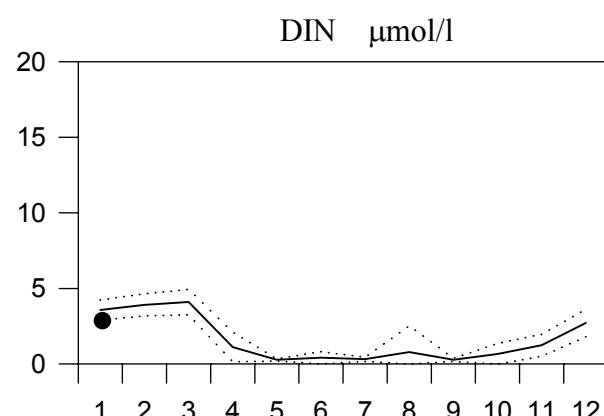
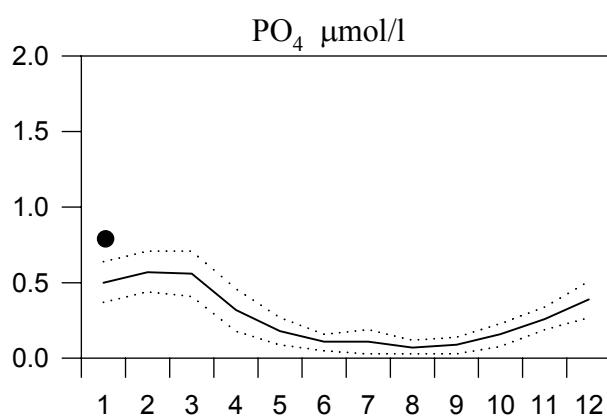
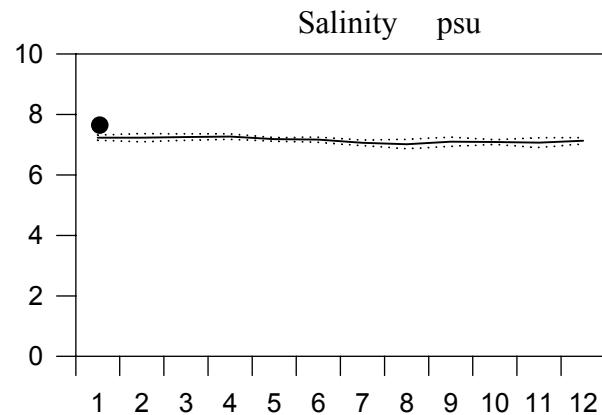
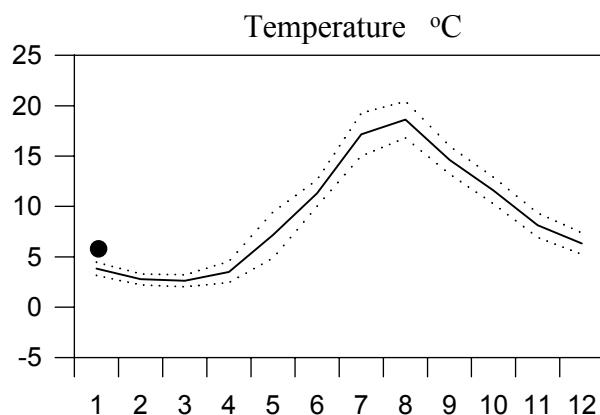
# STATION BCS III-10 SURFACE WATER

## Annual Cycles

— Mean 1995-2004

..... St.Dev.

● 2007



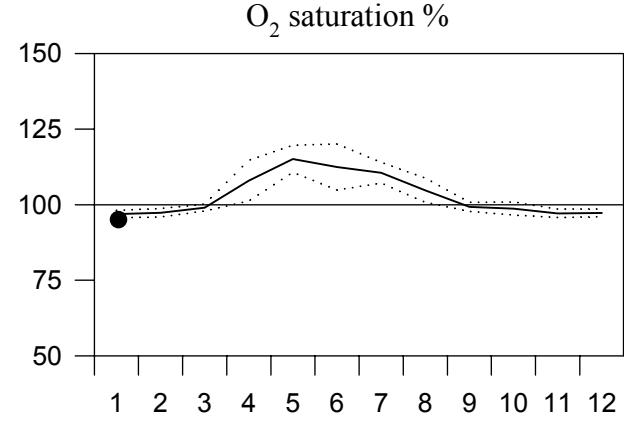
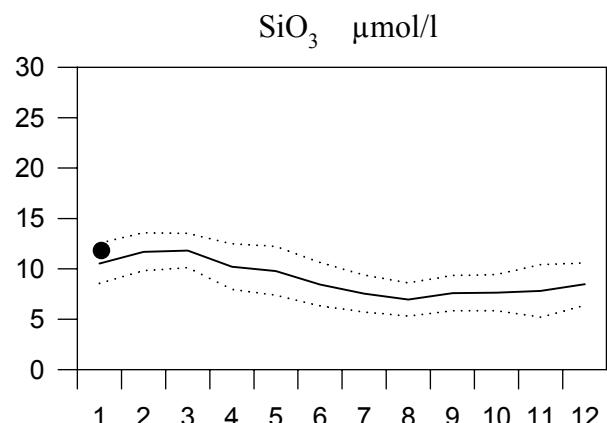
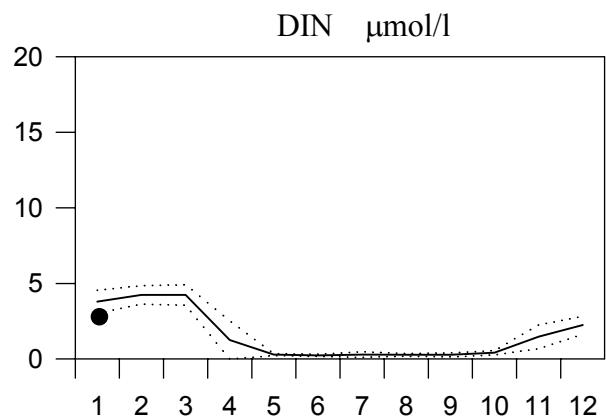
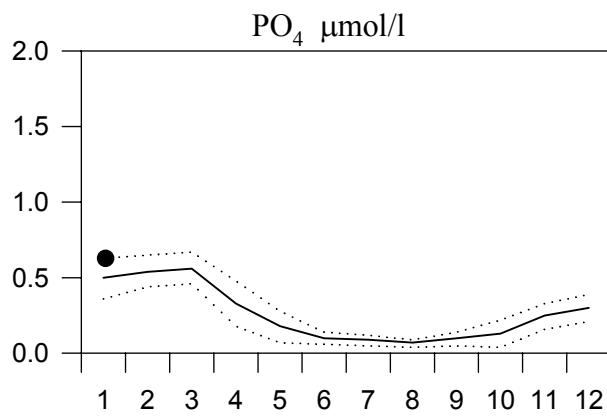
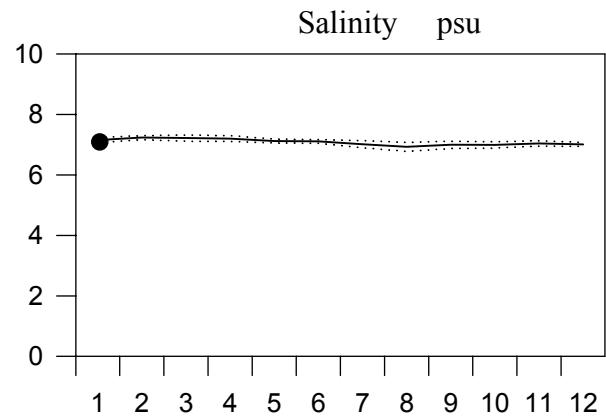
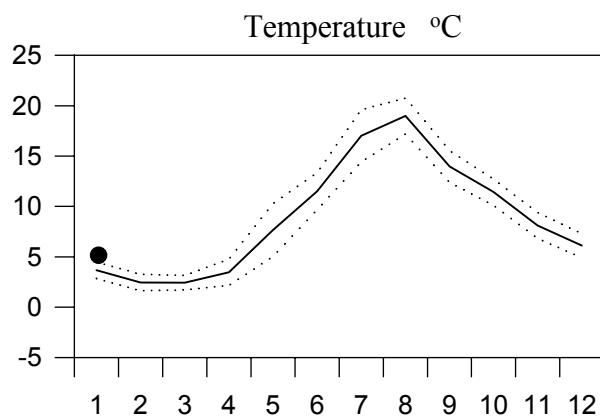
# STATION BY10 SURFACE WATER

## Annual Cycles

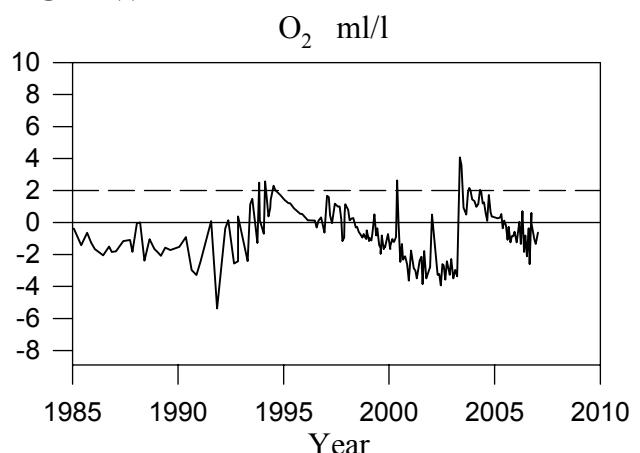
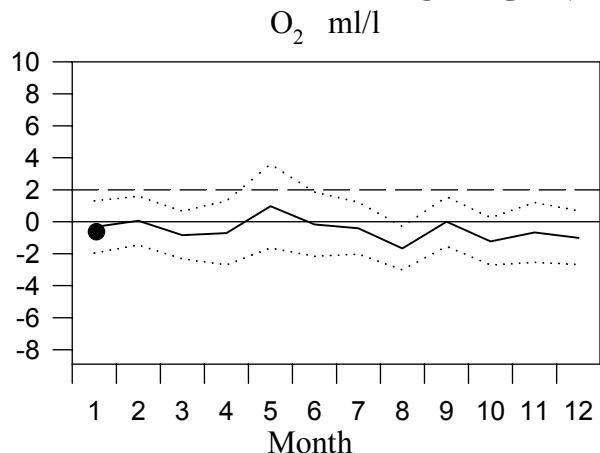
— Mean 1995-2004

..... St.Dev.

● 2007



## OXYGEN IN BOTTOM WATER



# STATION BY15 SURFACE WATER

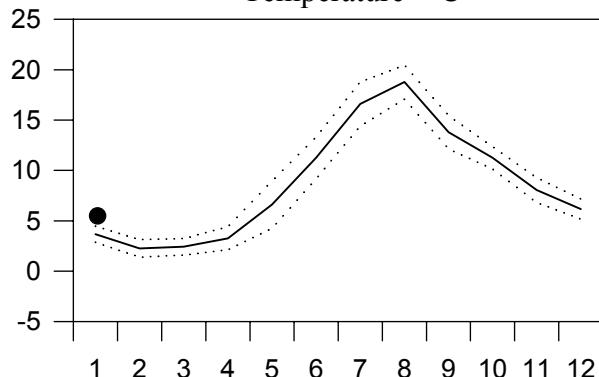
## Annual Cycles

— Mean 1995-2000

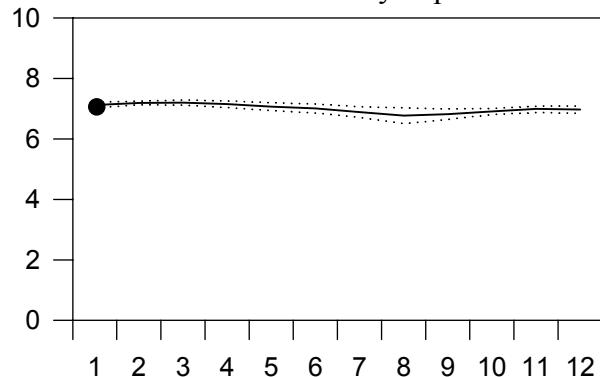
..... St.Dev.

● 2007

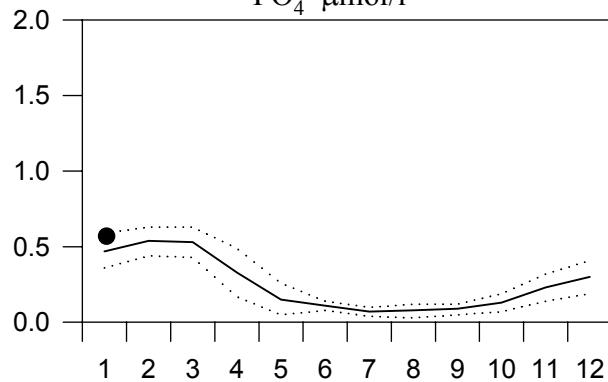
Temperature °C



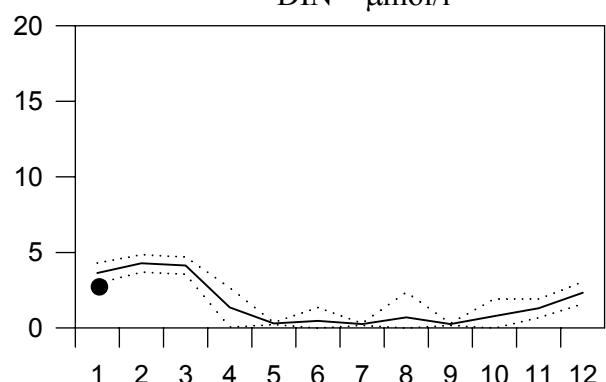
Salinity psu



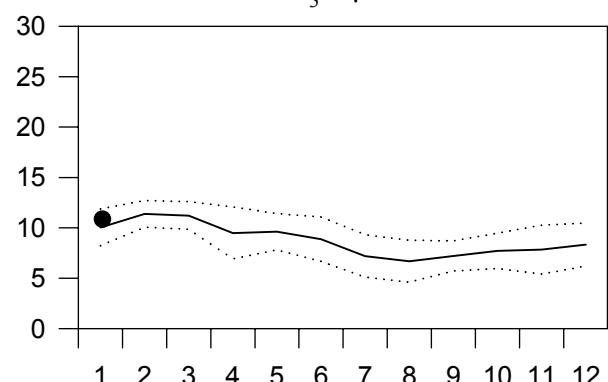
PO<sub>4</sub> μmol/l



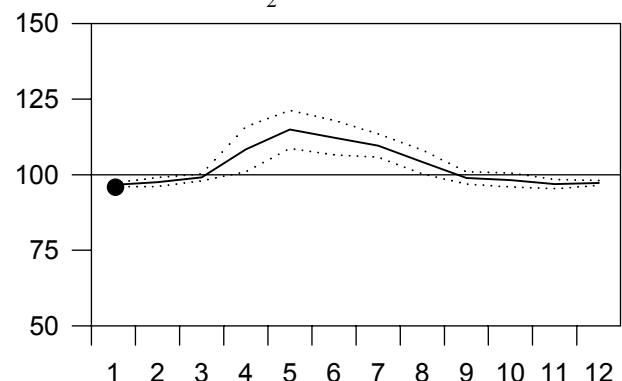
DIN μmol/l



SiO<sub>3</sub> μmol/l

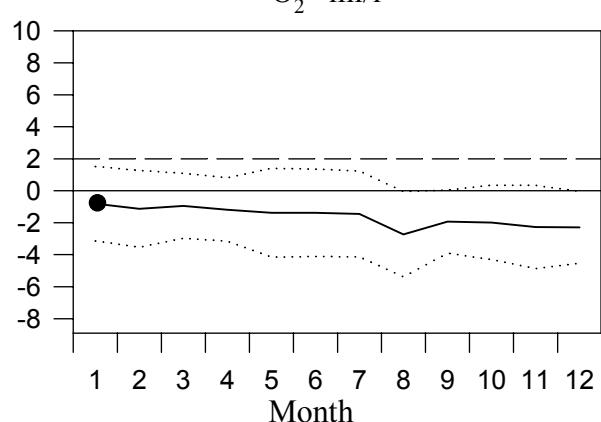


O<sub>2</sub> saturation %

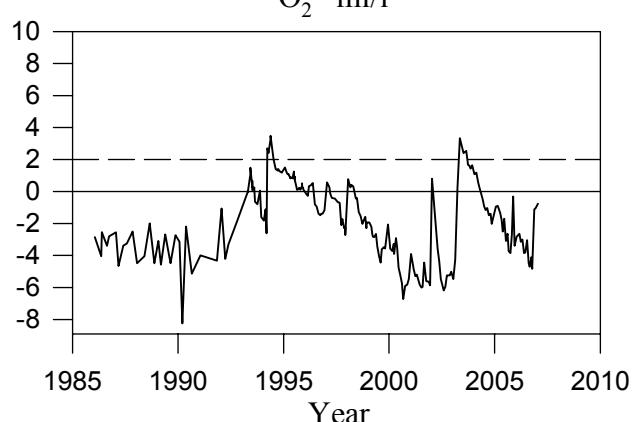


## OXYGEN IN BOTTOM WATER

O<sub>2</sub> ml/l



O<sub>2</sub> ml/l



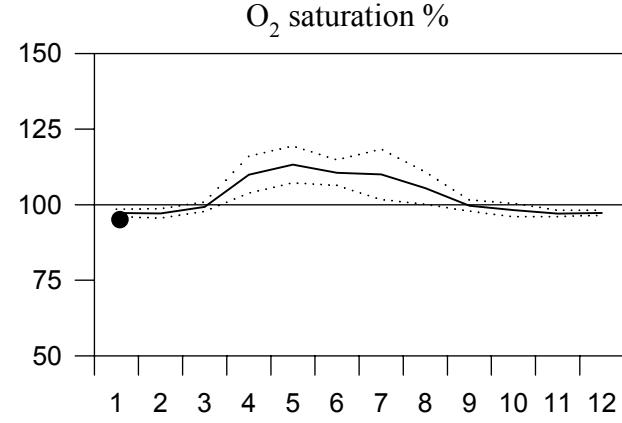
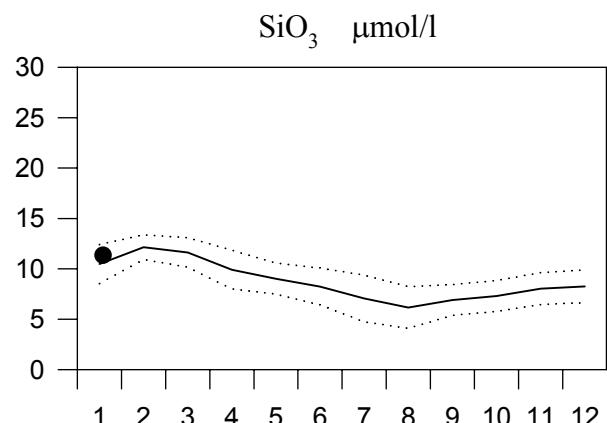
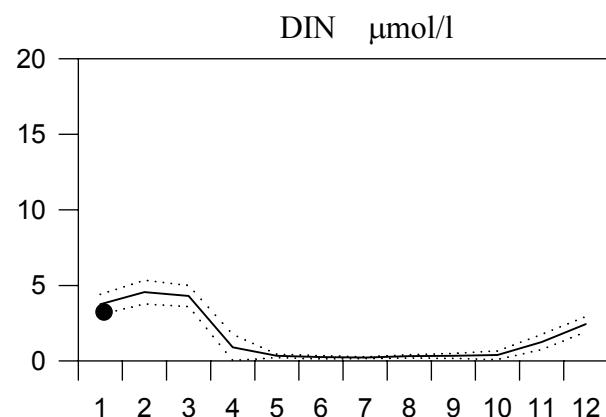
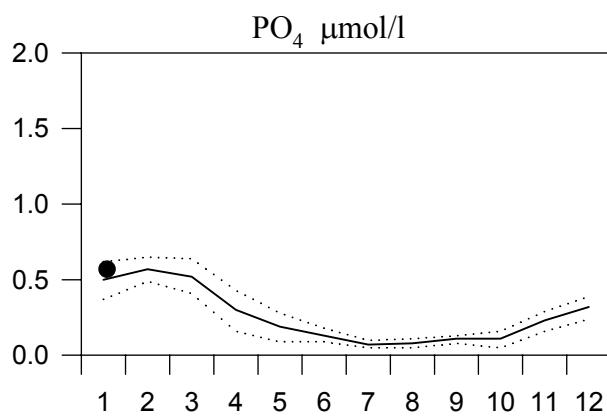
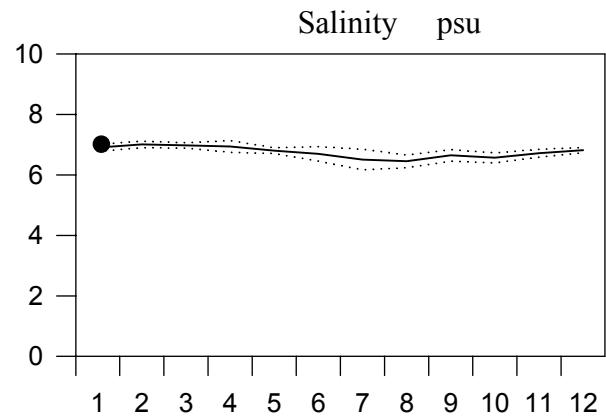
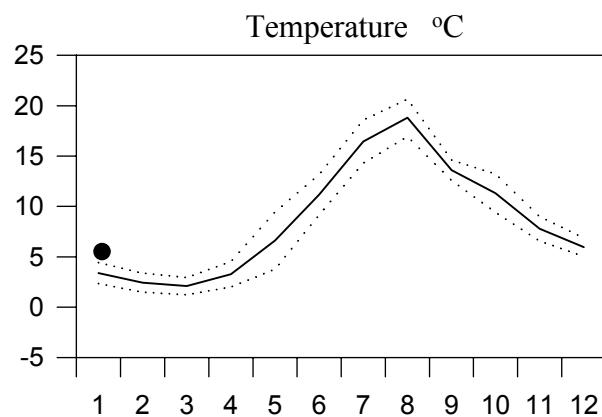
# STATION BY20 SURFACE WATER

## Annual Cycles

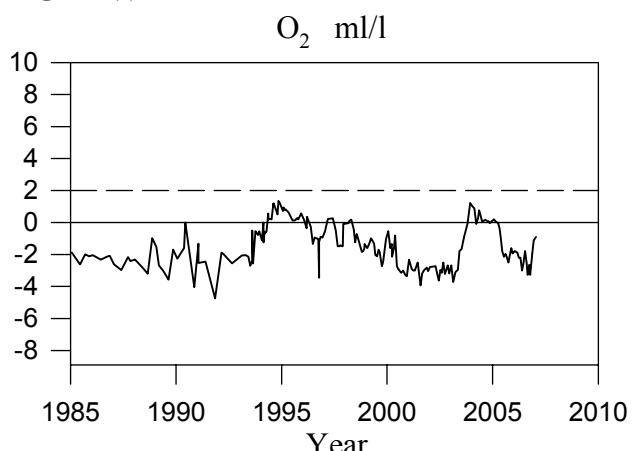
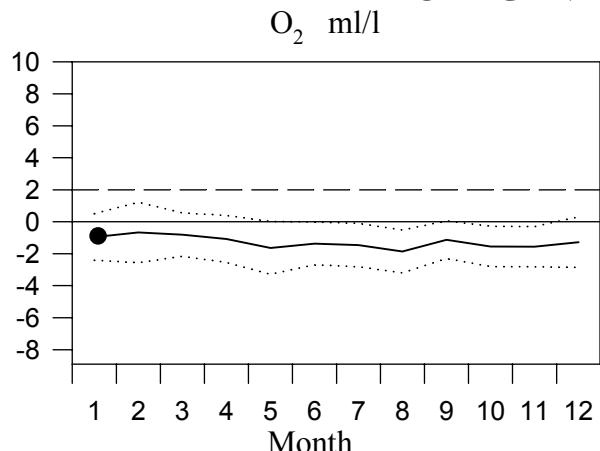
— Mean 1995-2004

..... St.Dev.

● 2007



## OXYGEN IN BOTTOM WATER



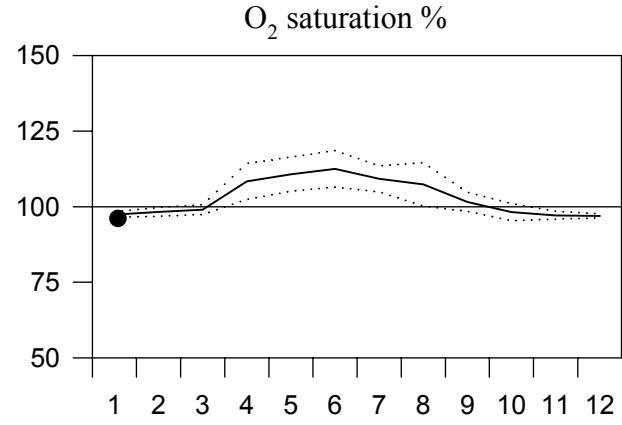
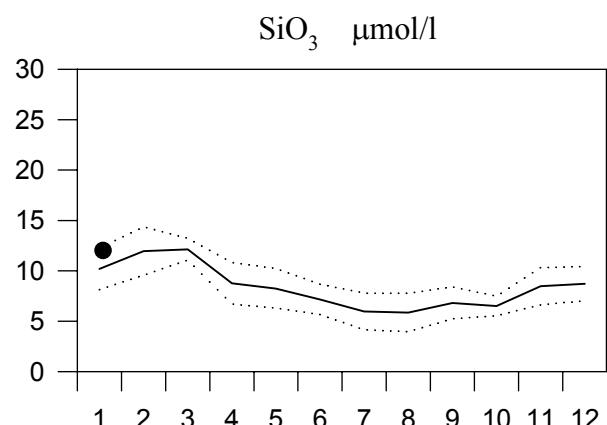
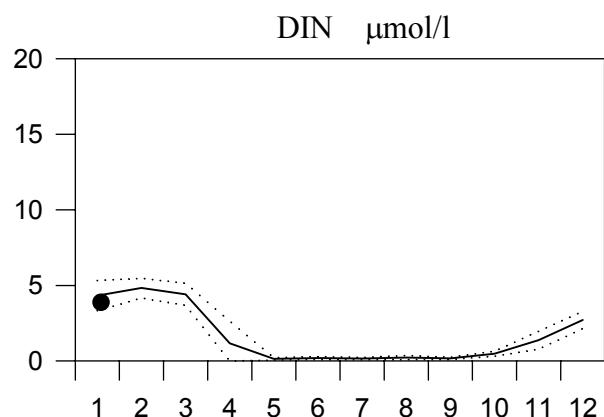
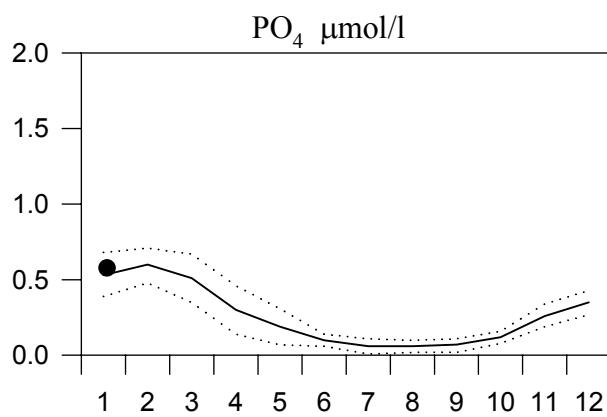
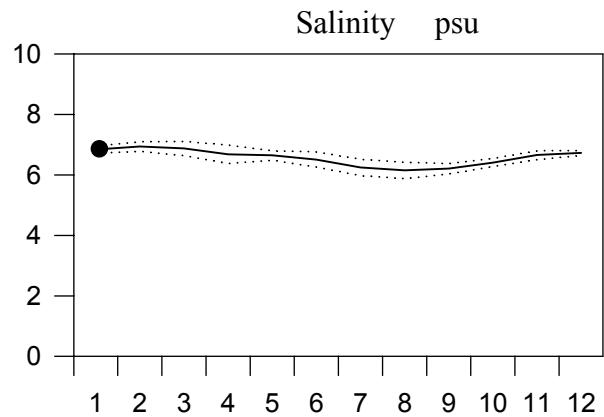
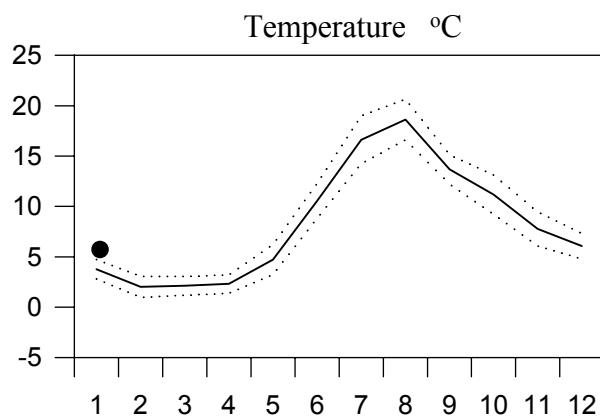
# STATION BY29 SURFACE WATER

## Annual Cycles

— Mean 1995-2004

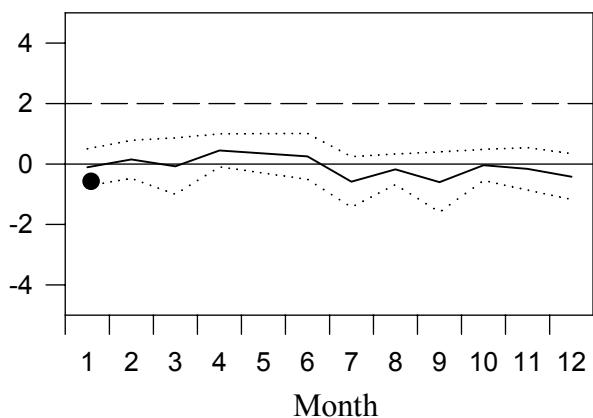
..... St.Dev.

● 2007

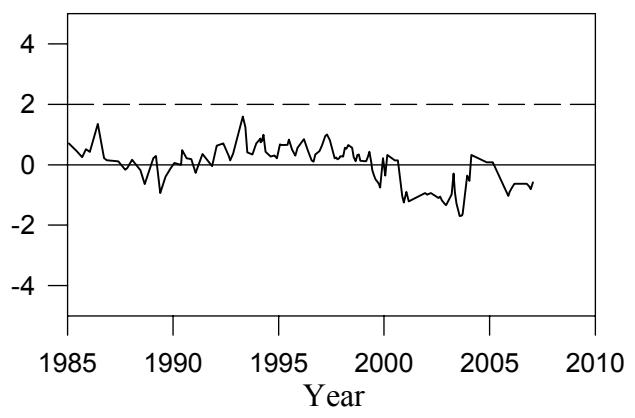


## OXYGEN IN BOTTOM WATER

O<sub>2</sub> ml/l



O<sub>2</sub> ml/l



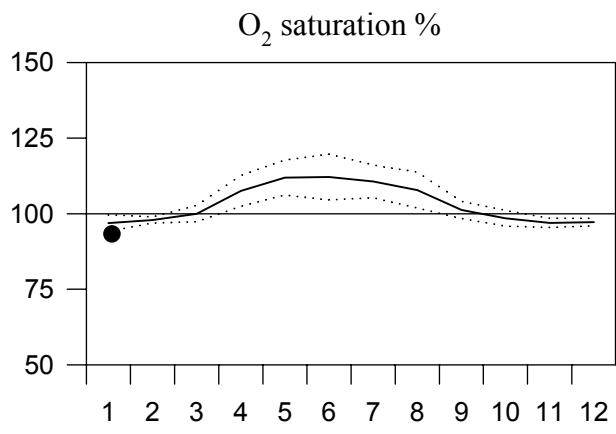
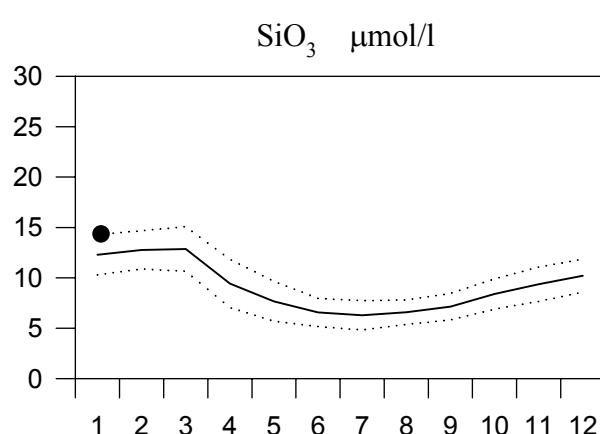
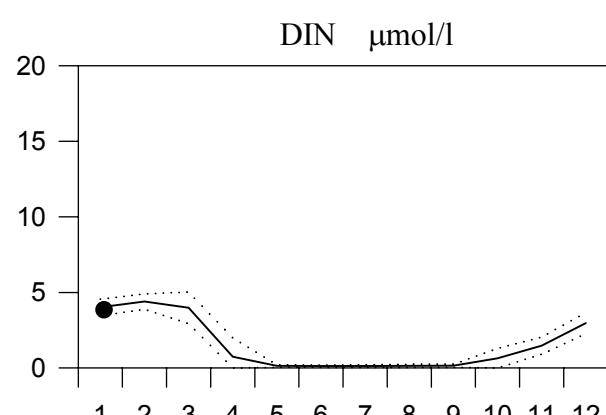
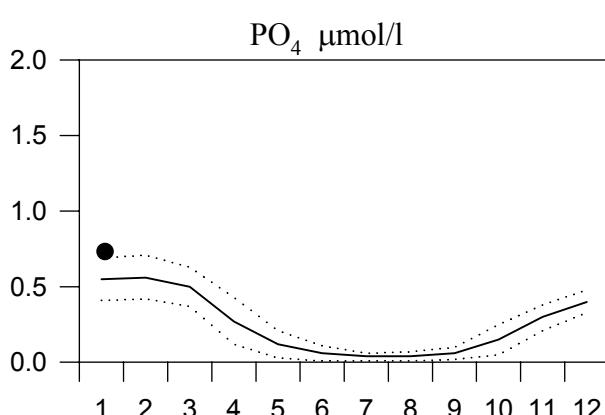
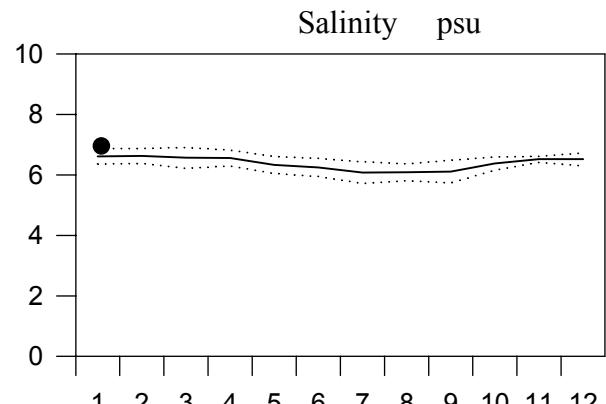
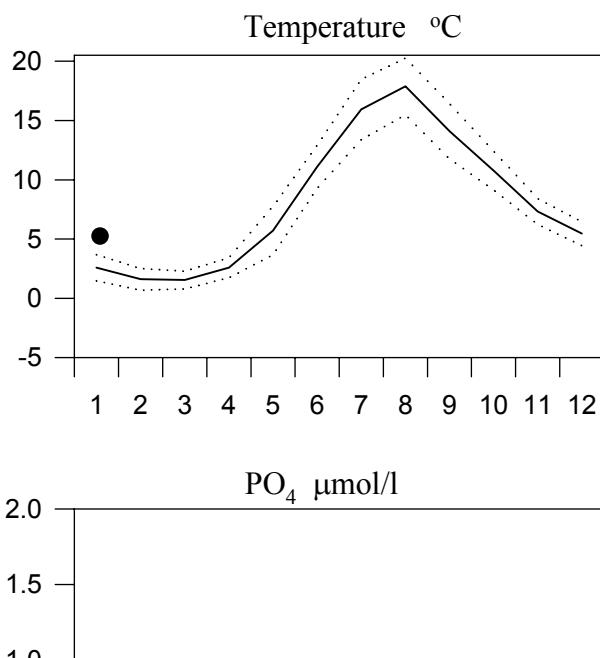
# STATION BY31 SURFACE WATER

## Annual Cycles

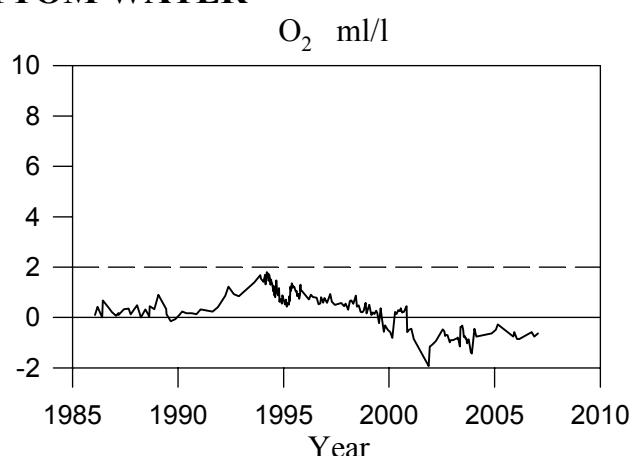
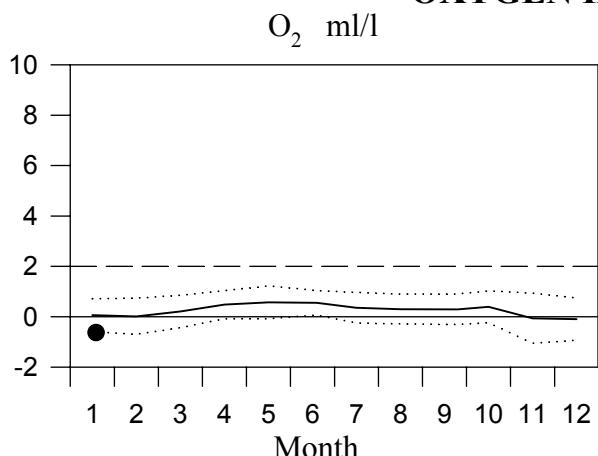
— Mean 1995-2004

..... St.Dev.

● 2007



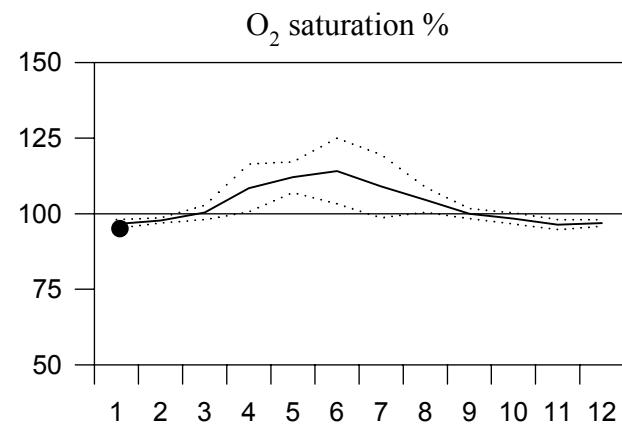
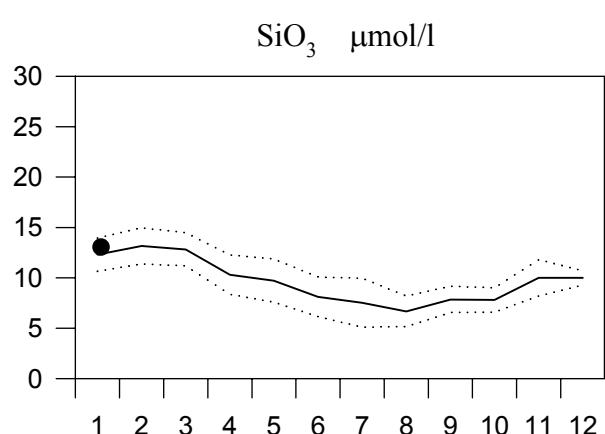
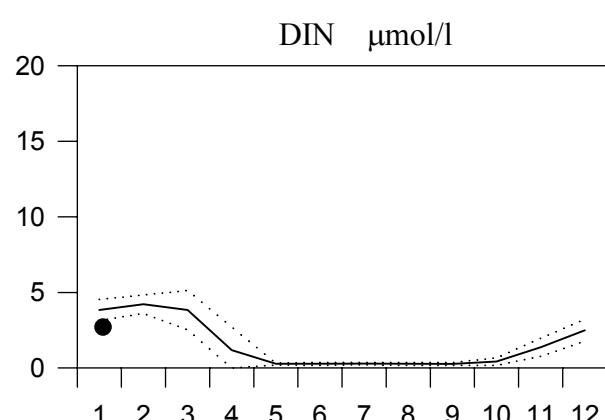
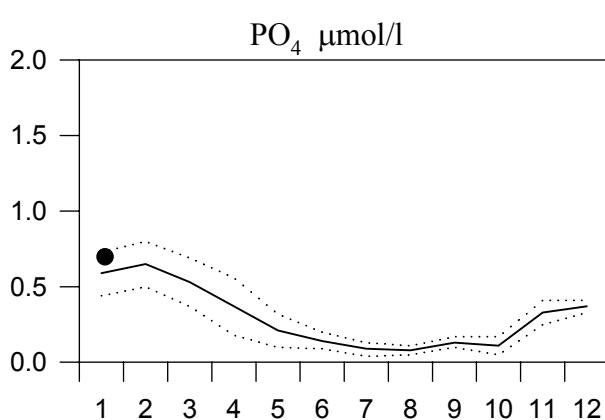
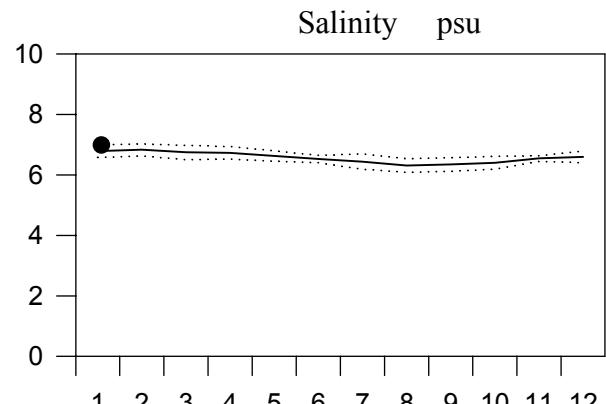
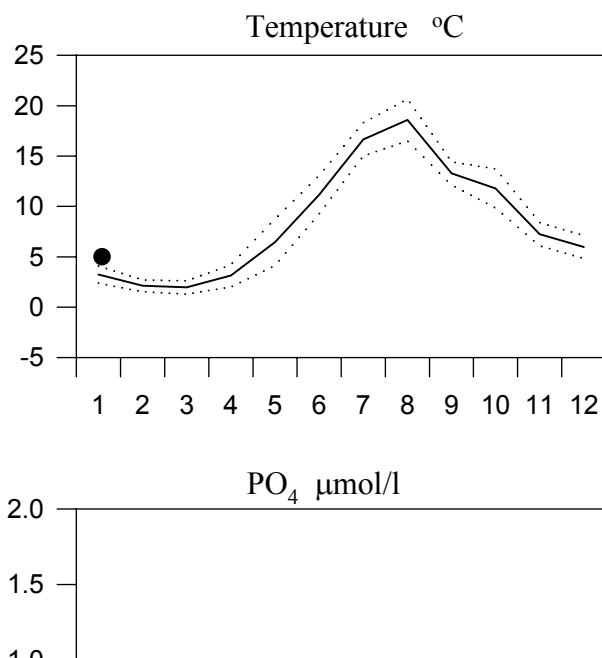
## OXYGEN IN BOTTOM WATER



# STATION BY32 SURFACE WATER

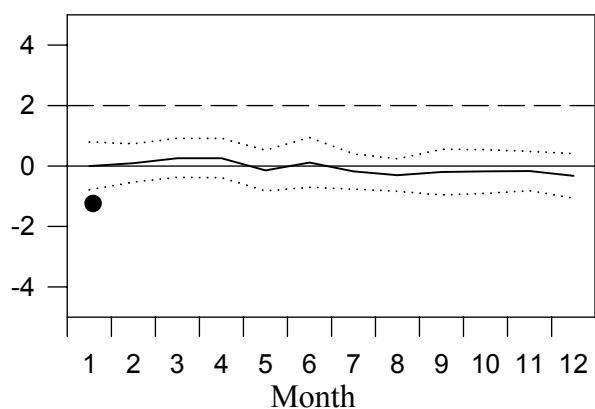
## Annual Cycles

— Mean 1995-2004    ..... St.Dev.    ● 2007

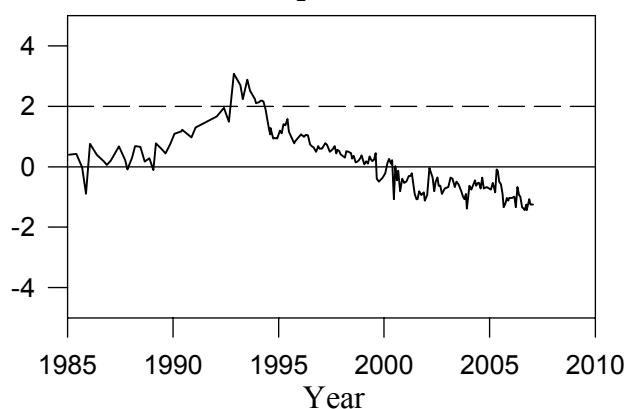


## OXYGEN IN BOTTOM WATER

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



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



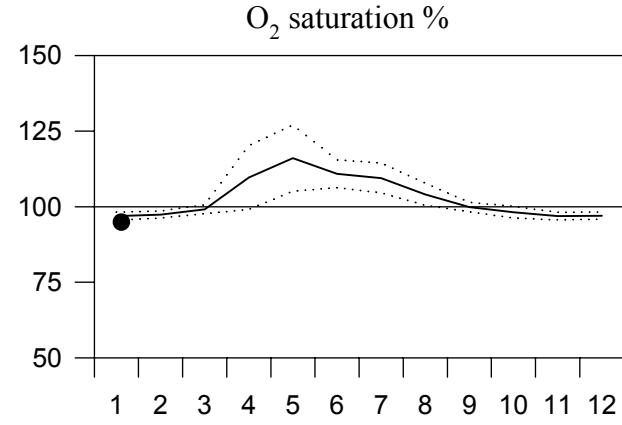
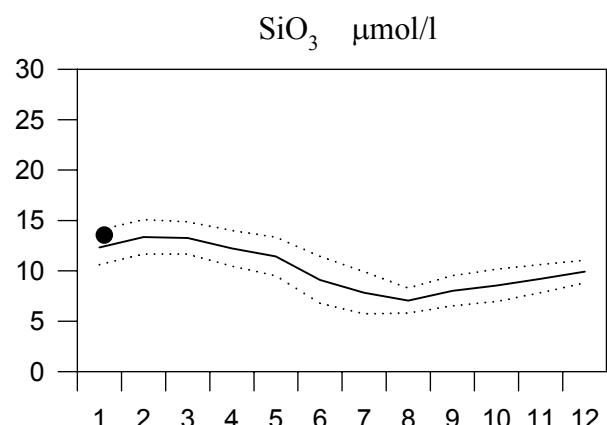
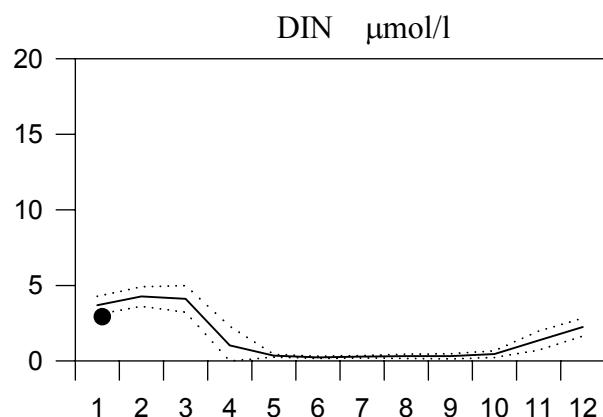
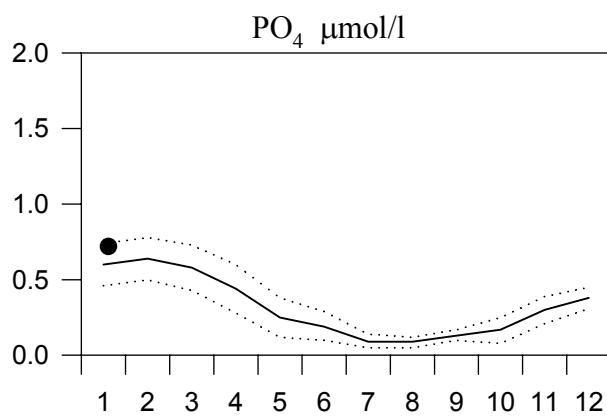
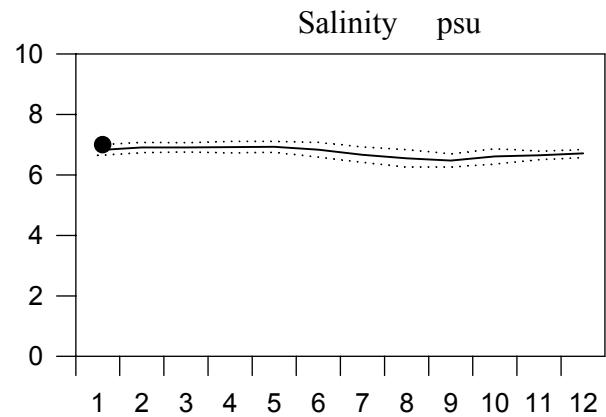
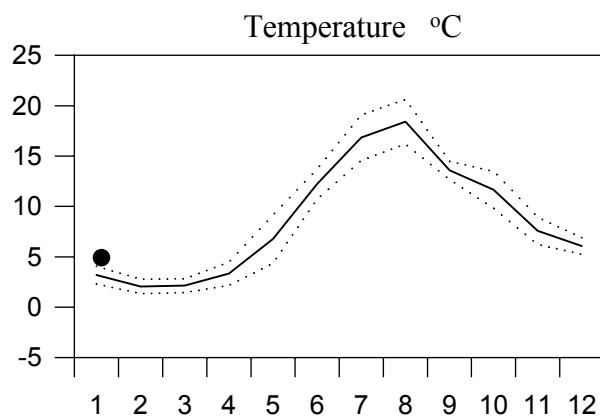
# STATION BY38 SURFACE WATER

## Annual Cycles

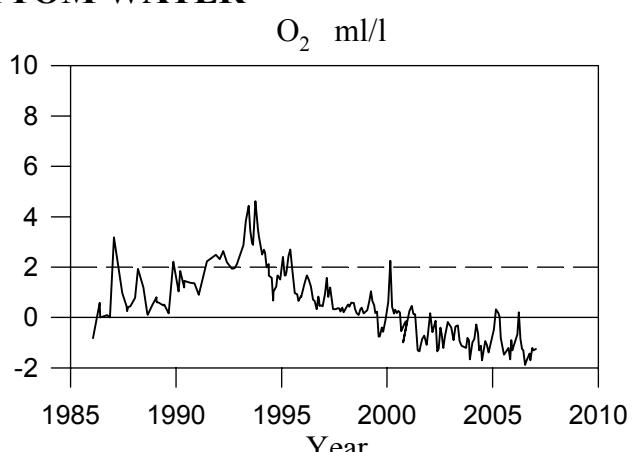
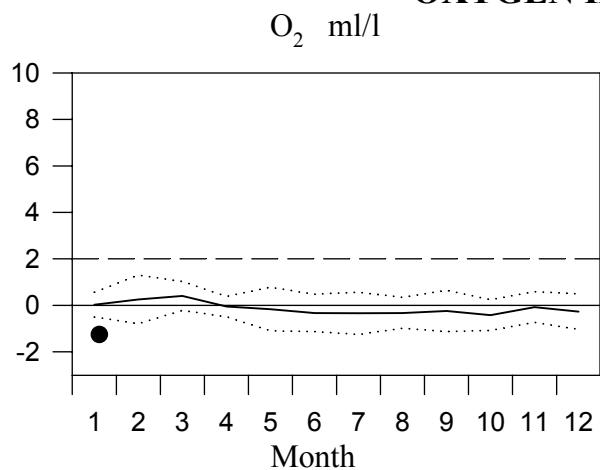
— Mean 1995-2004

..... St.Dev.

● 2007



## OXYGEN IN BOTTOM WATER



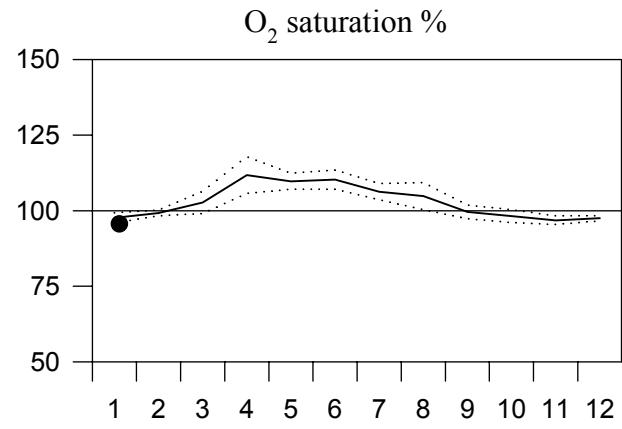
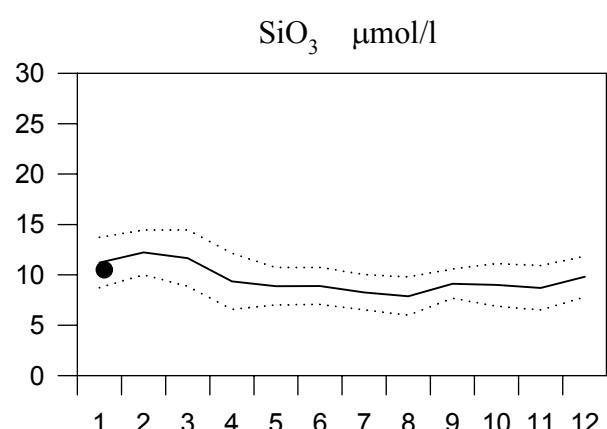
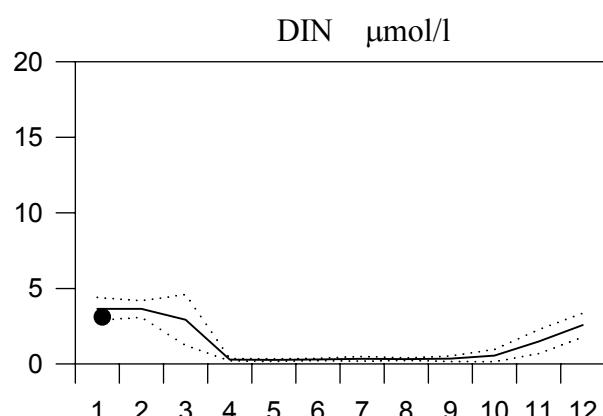
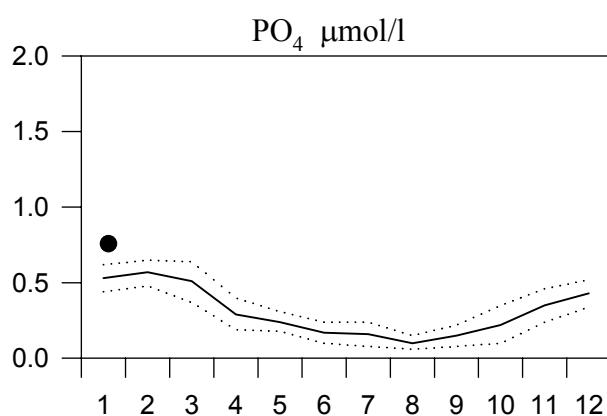
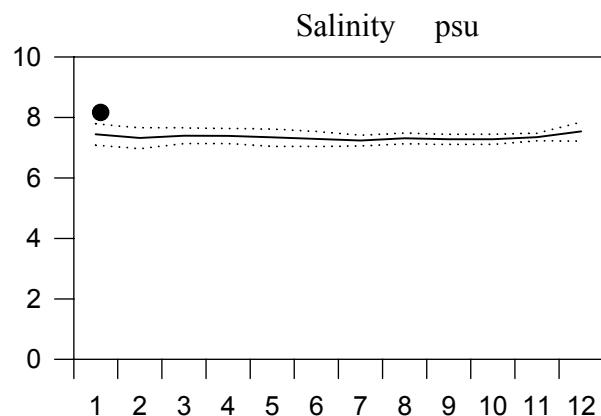
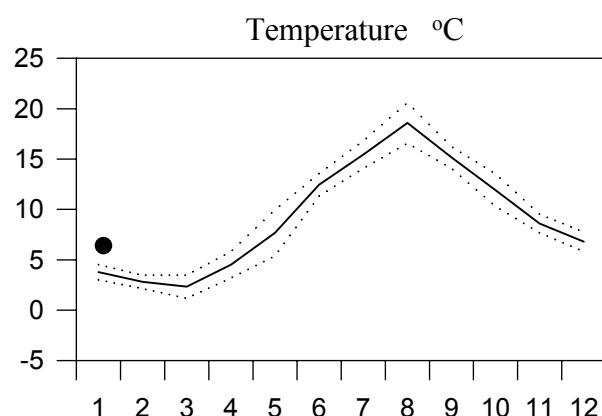
# STATION HANÖBUKTEN SURFACE WATER

## Annual Cycles

— Mean 1995-2004

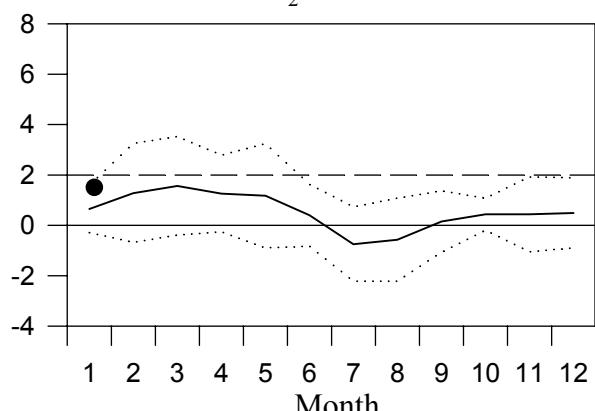
..... St.Dev.

● 2007

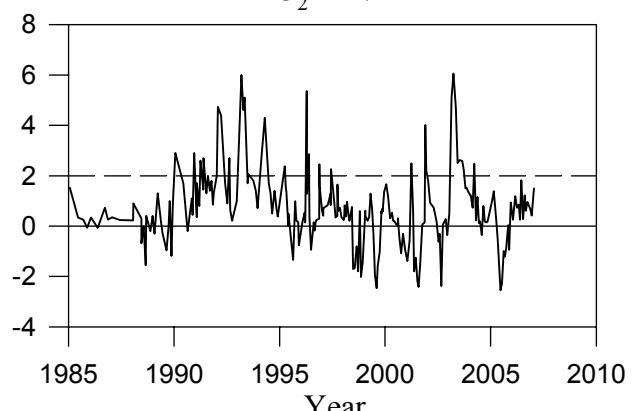


## OXYGEN IN BOTTOM WATER

O<sub>2</sub> ml/l



O<sub>2</sub> ml/l



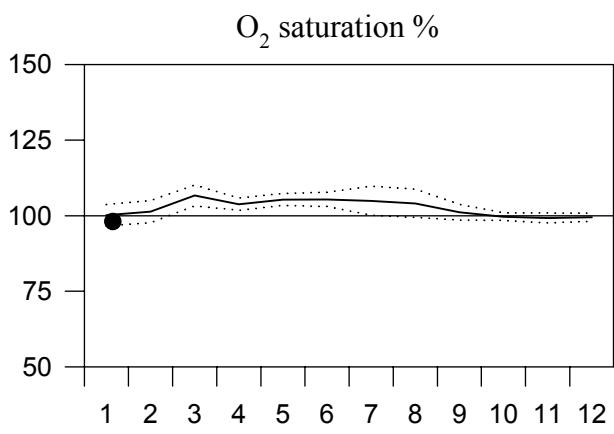
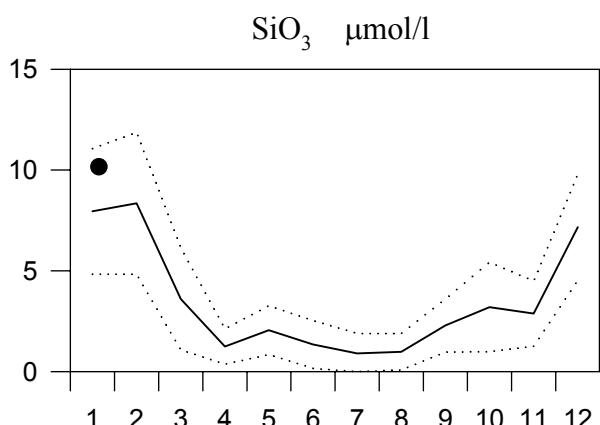
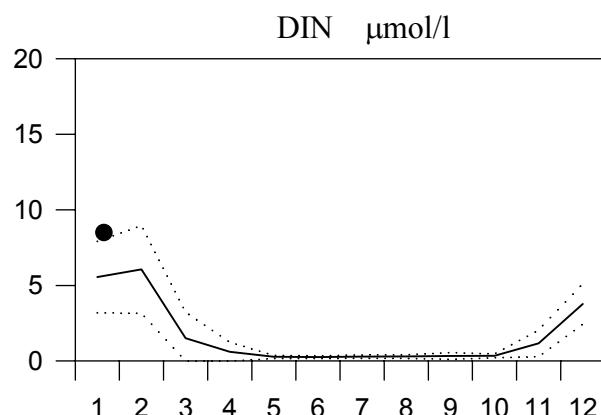
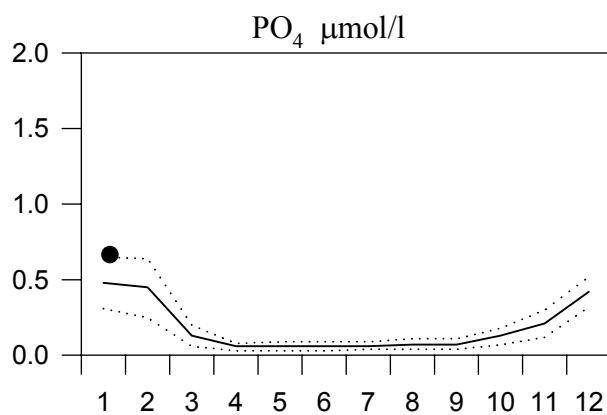
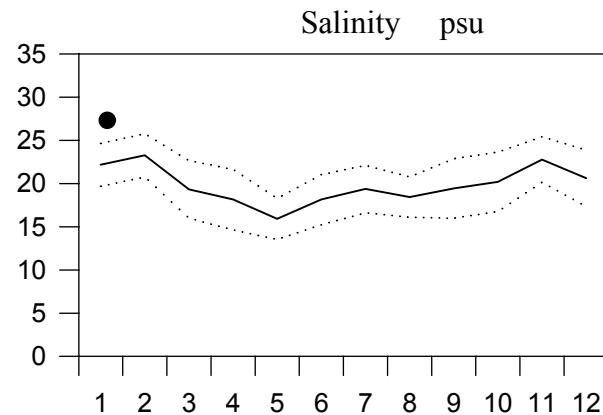
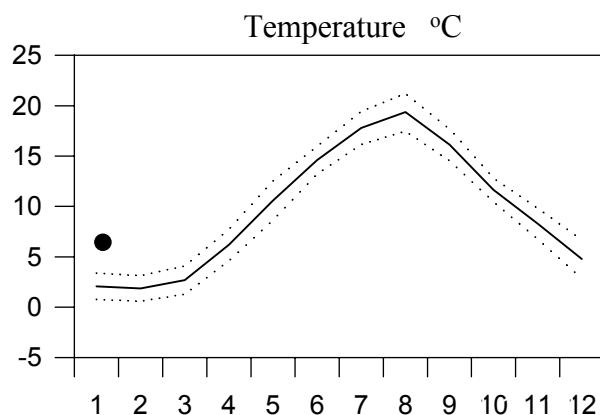
# STATION ANHOLT E SURFACE WATER

## Annual Cycles

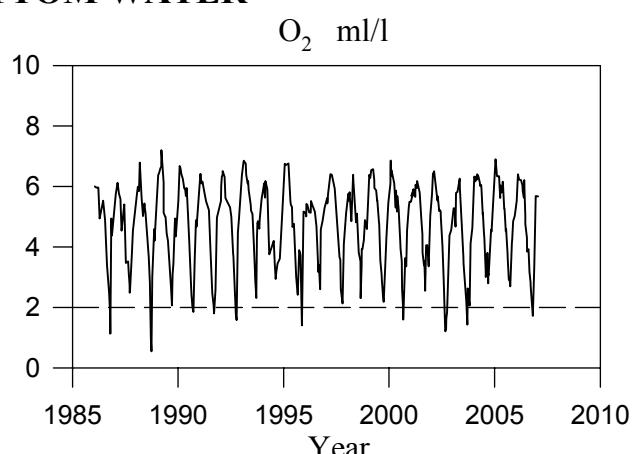
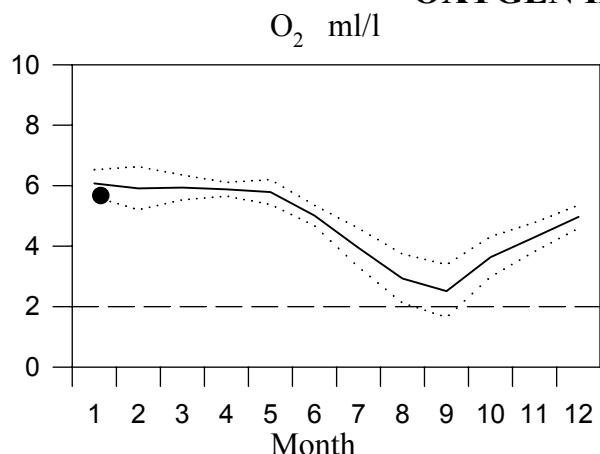
— Mean 1995-2004

..... St.Dev.

● 2007



## OXYGEN IN BOTTOM WATER



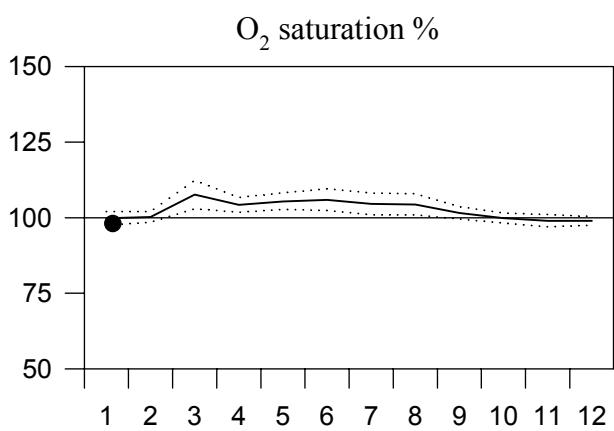
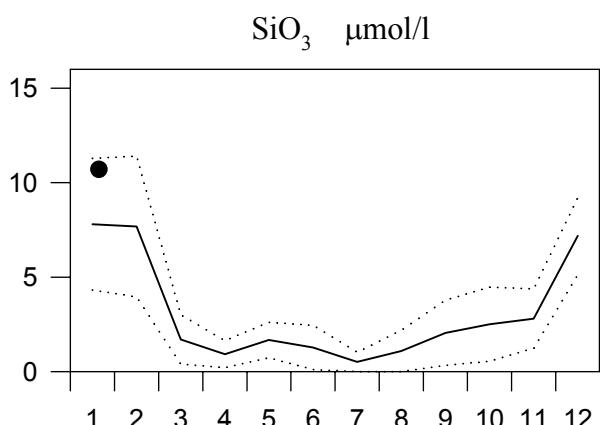
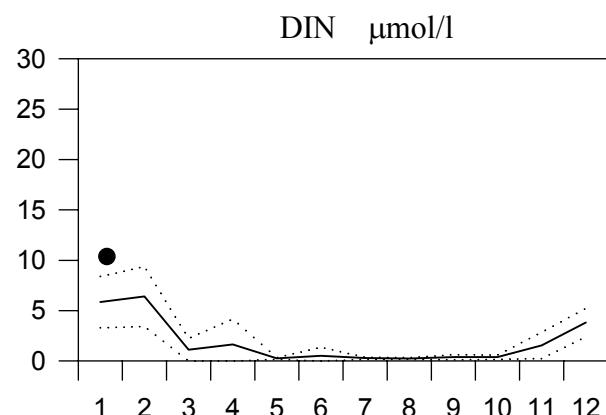
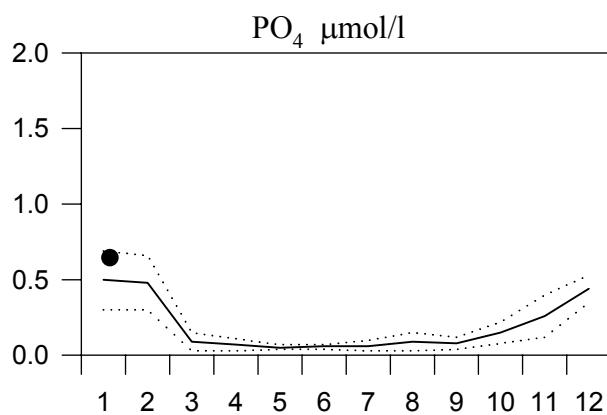
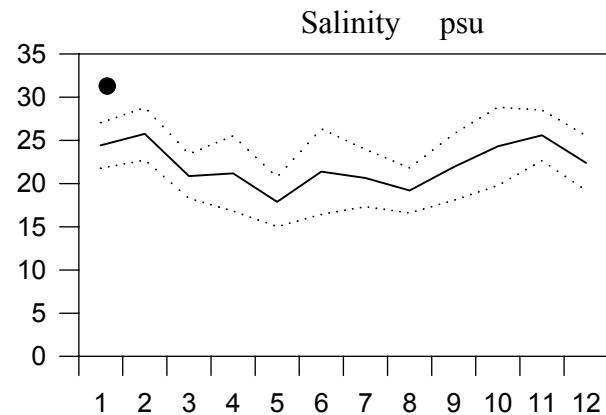
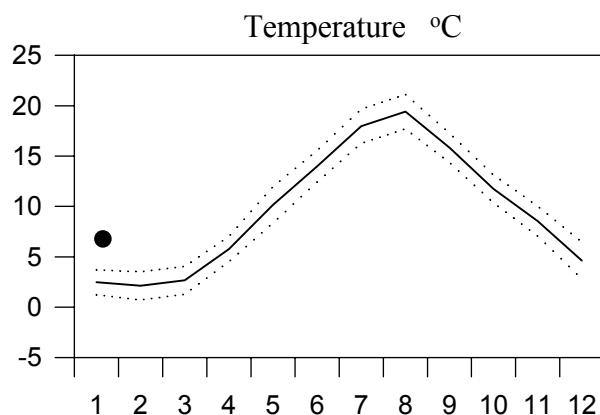
# STATION FLADEN SURFACE WATER

## Annual Cycles

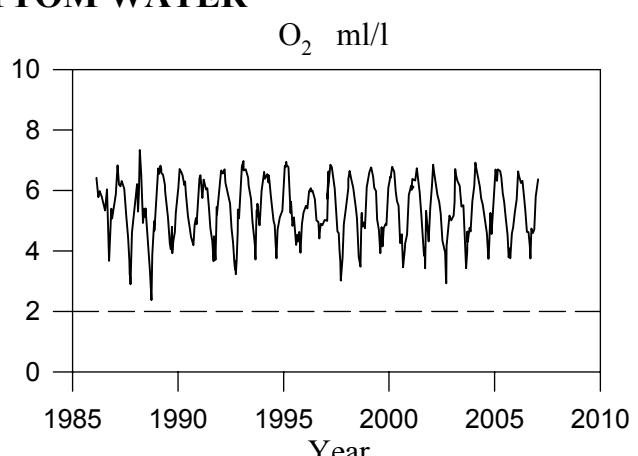
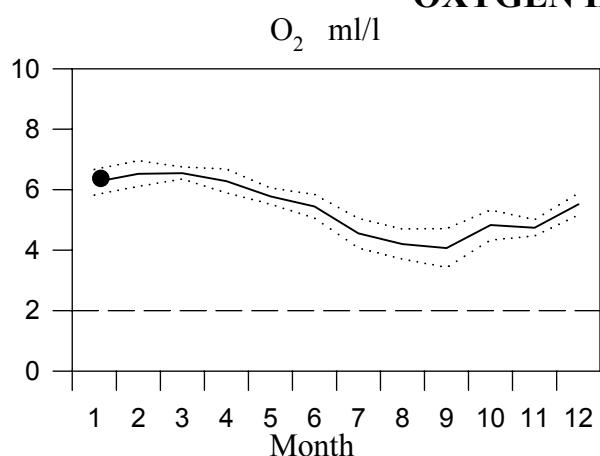
— Mean 1995-2004

..... St.Dev.

● 2007



## OXYGEN IN BOTTOM WATER



# STATION P2 SURFACE WATER

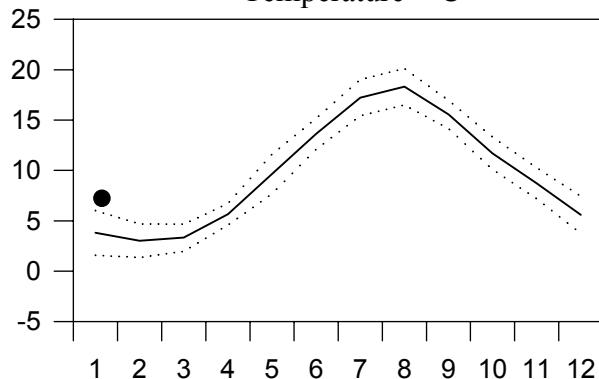
## Annual Cycles

— Mean 1995-2004

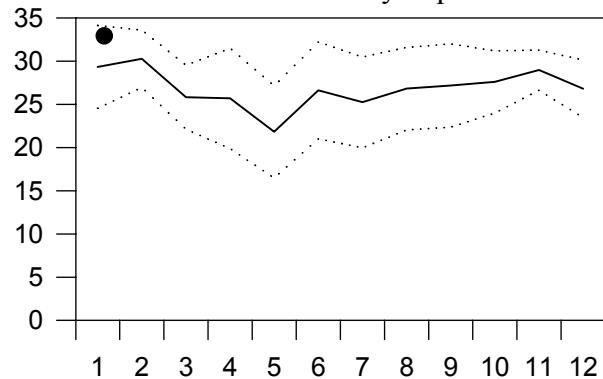
..... St.Dev.

● 2007

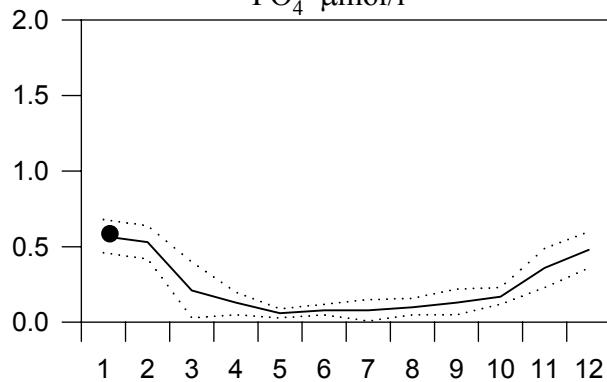
Temperature °C



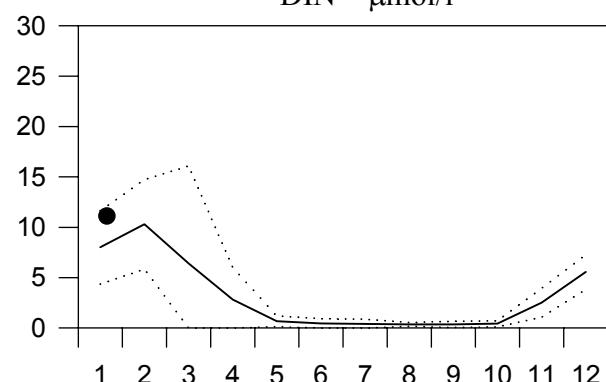
Salinity psu



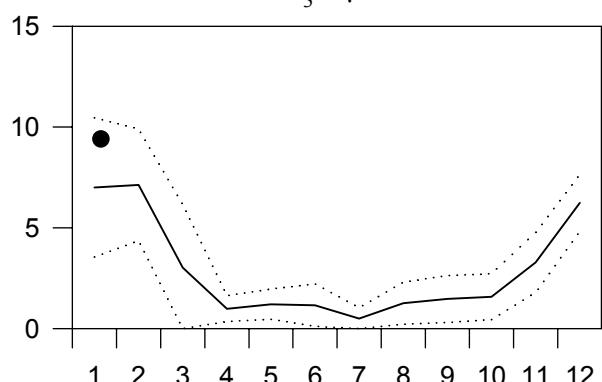
PO<sub>4</sub> μmol/l



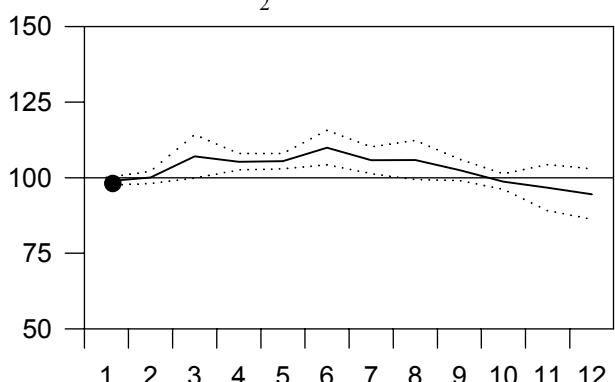
DIN μmol/l



SiO<sub>3</sub> μmol/l

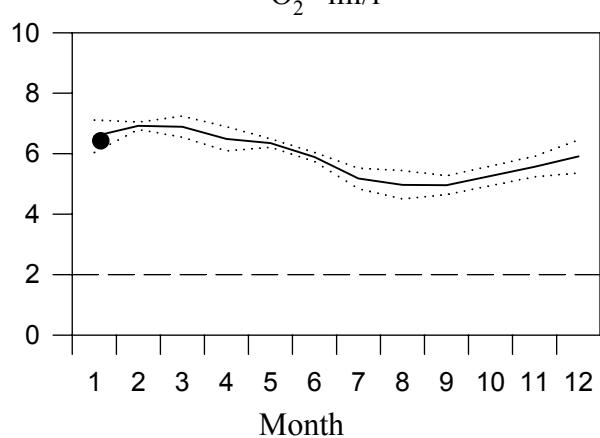


O<sub>2</sub> saturation %

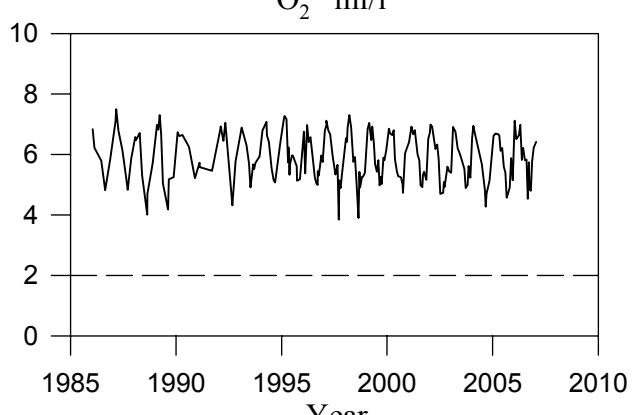


## OXYGEN IN BOTTOM WATER

O<sub>2</sub> ml/l



O<sub>2</sub> ml/l



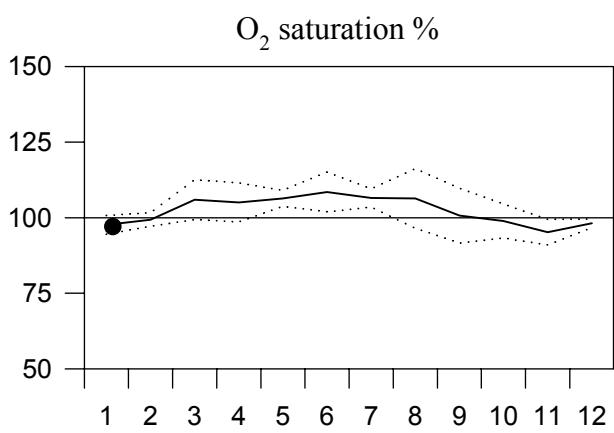
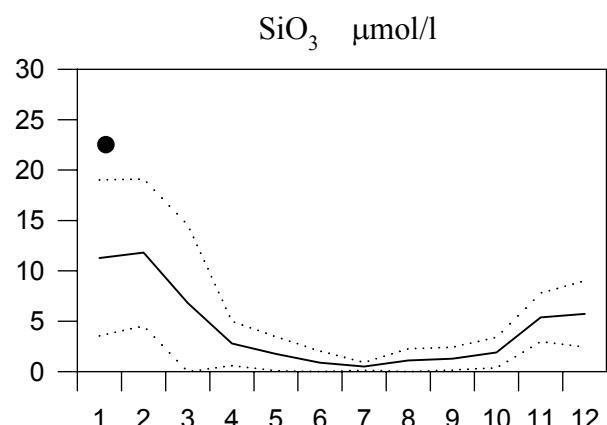
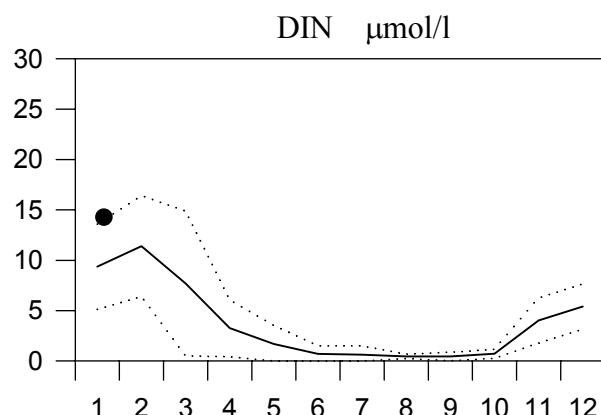
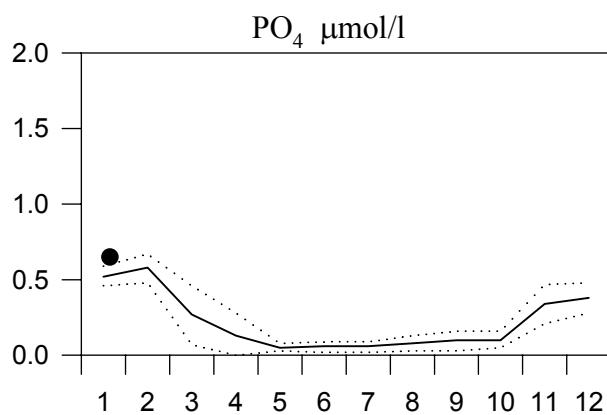
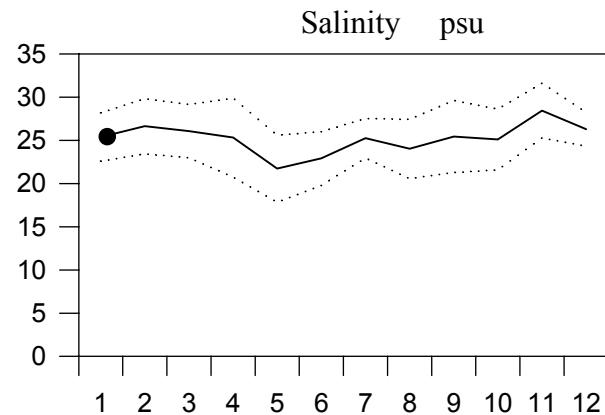
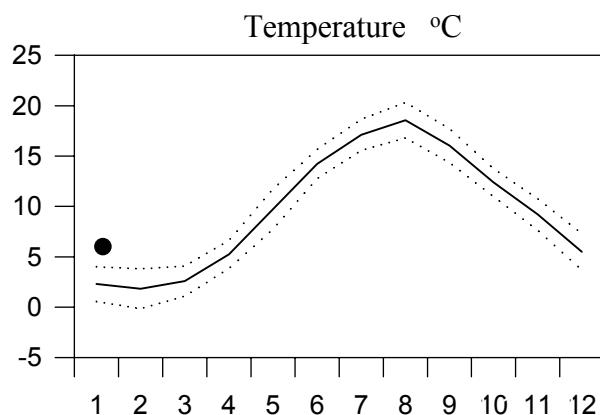
# STATION SLÄGGÖ SURFACE WATER

## Annual Cycles

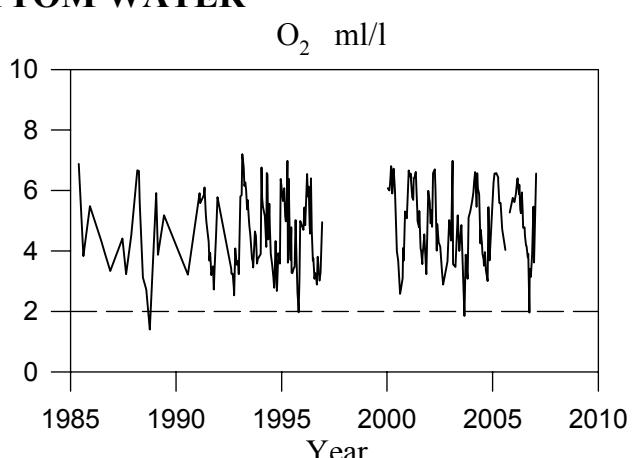
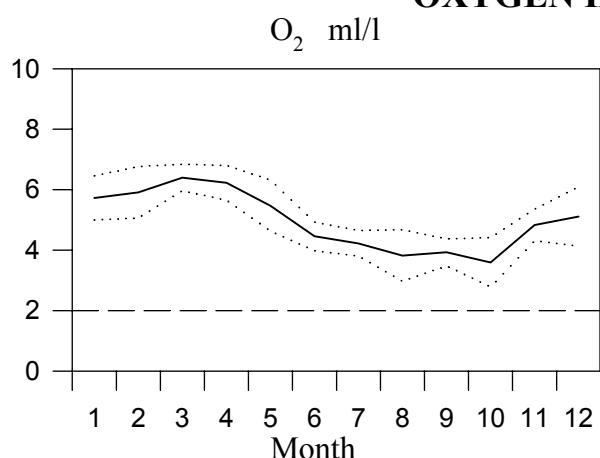
— Mean 1995-2004

..... St.Dev.

● 2007



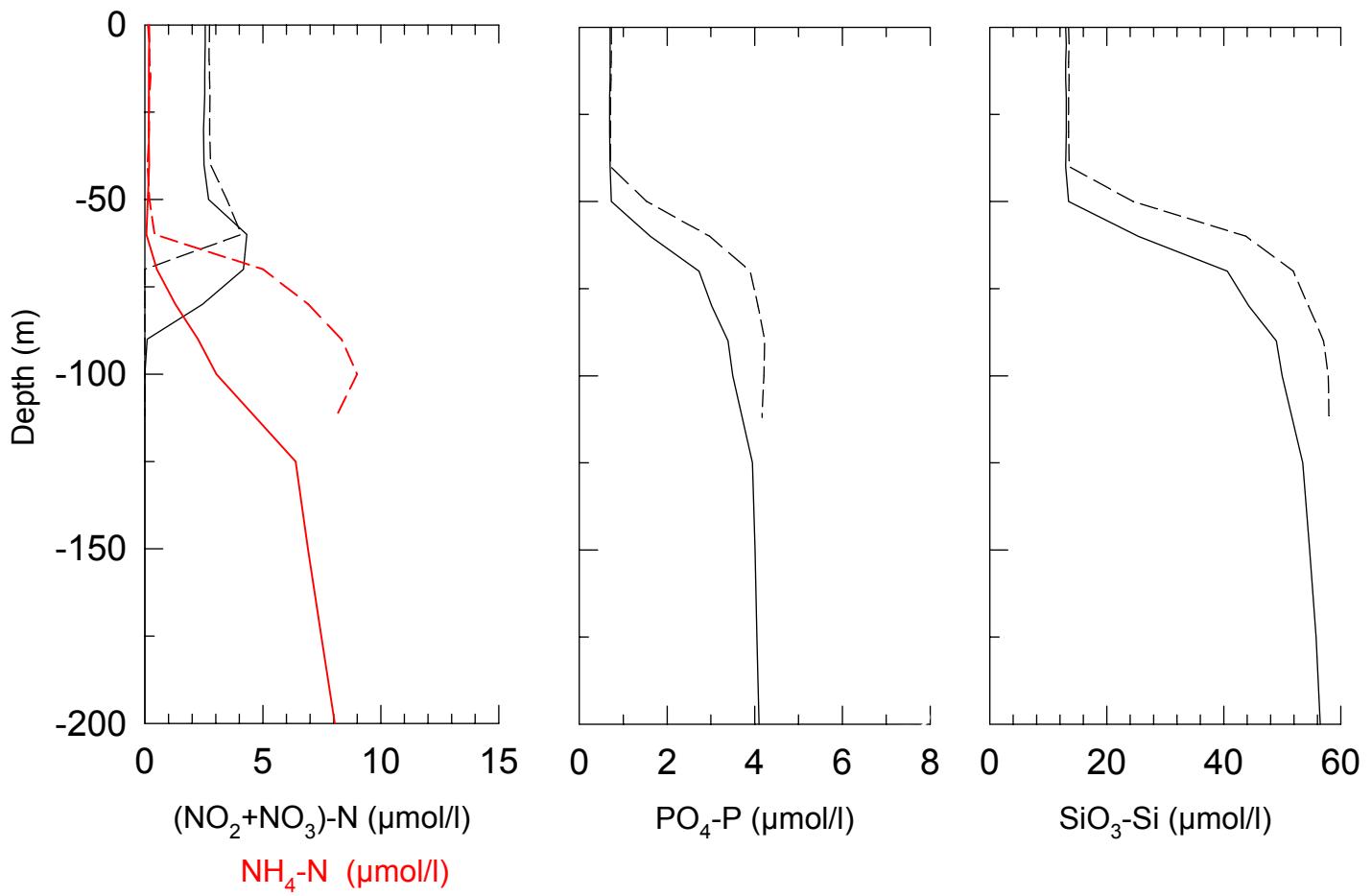
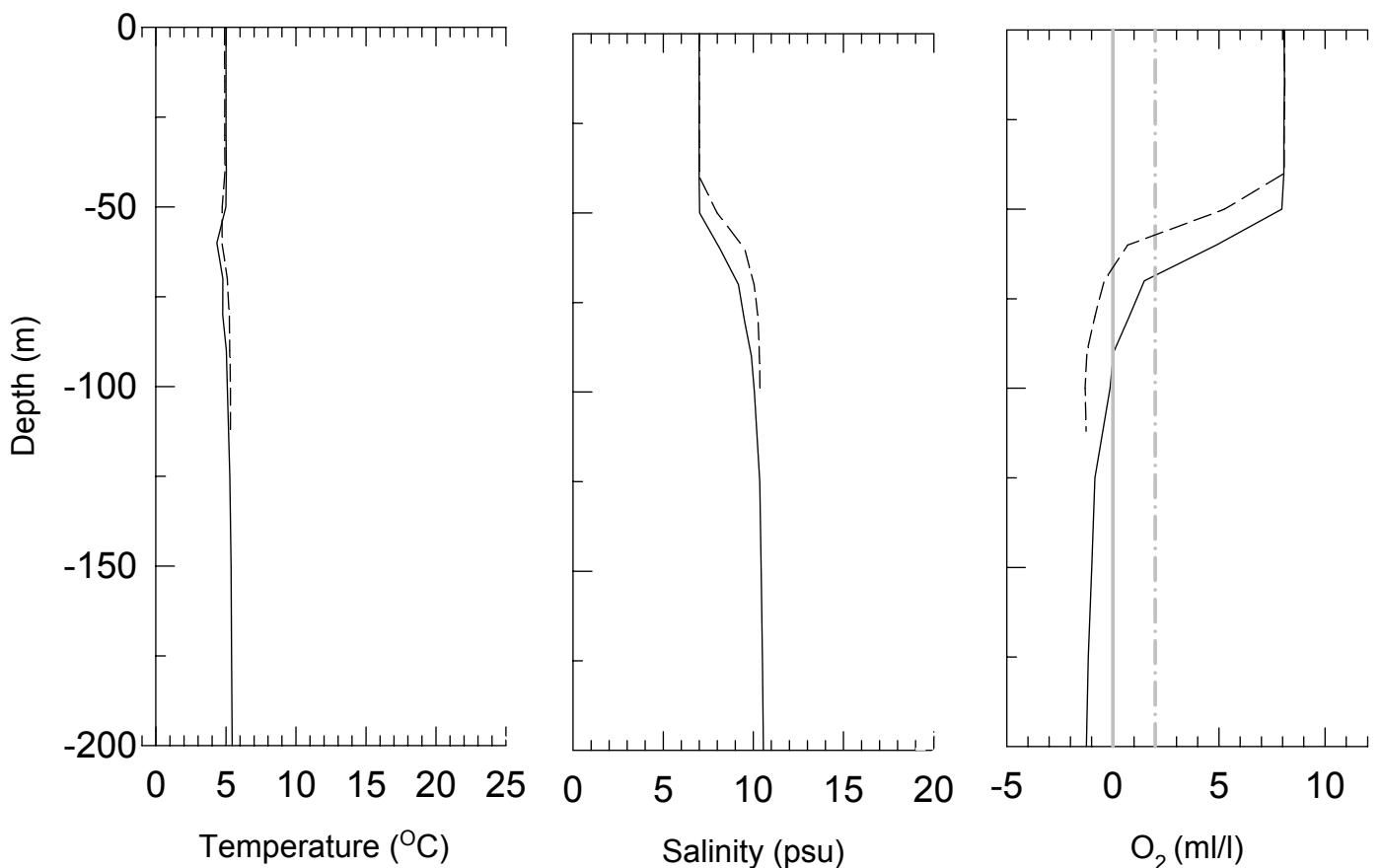
## OXYGEN IN BOTTOM WATER



# WESTERN BALTIC 20070118-20070119

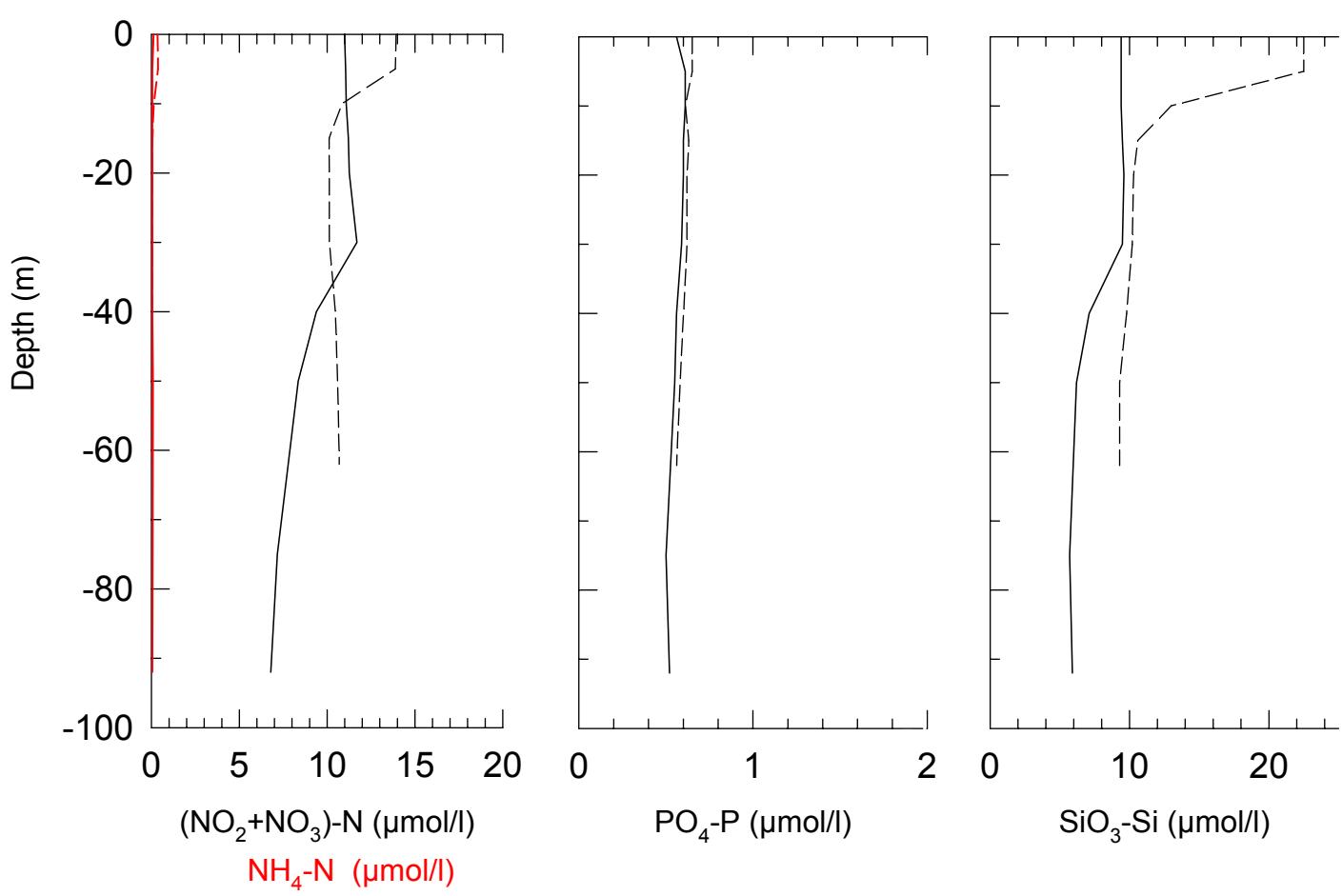
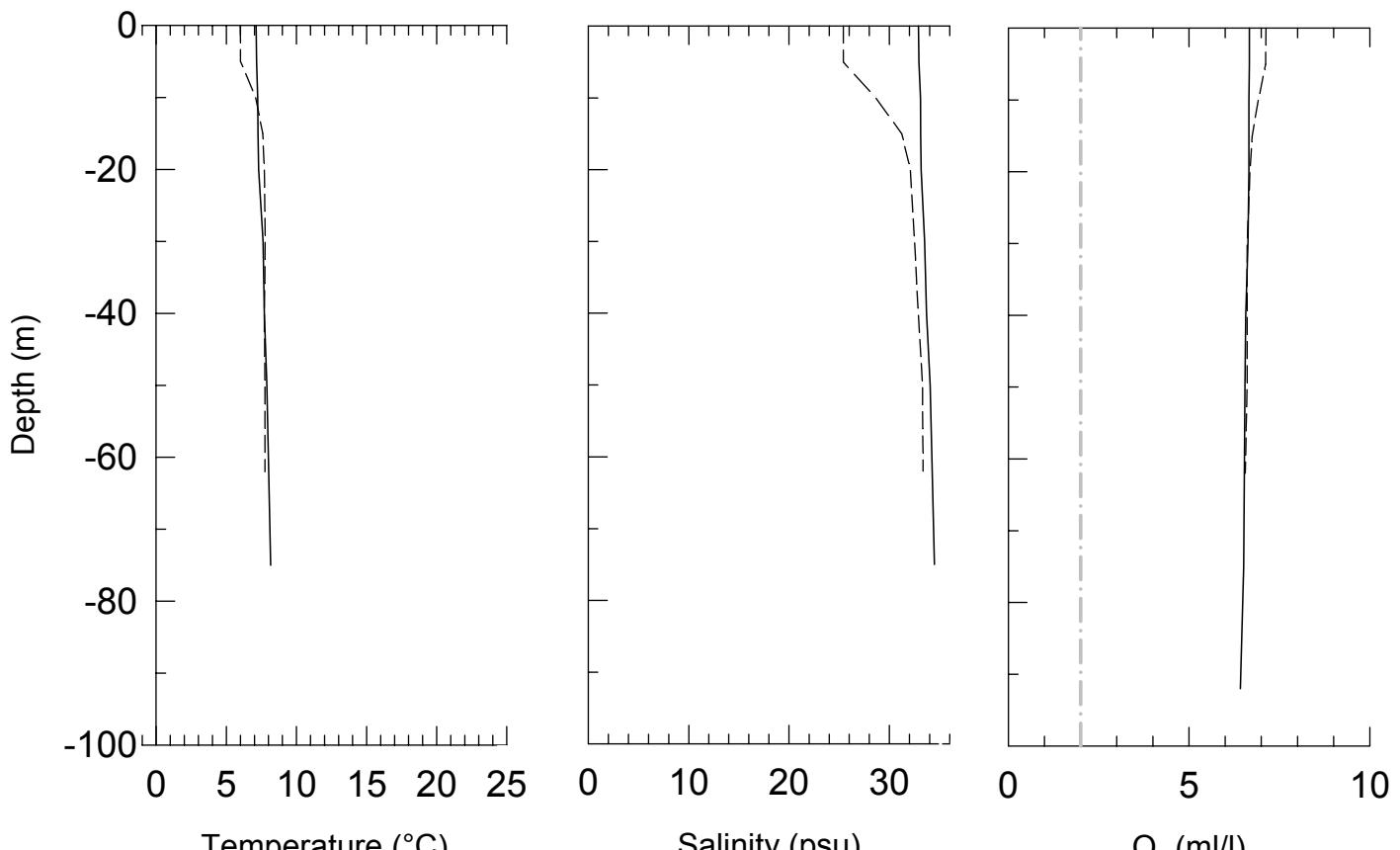
————— BY32

----- BY38

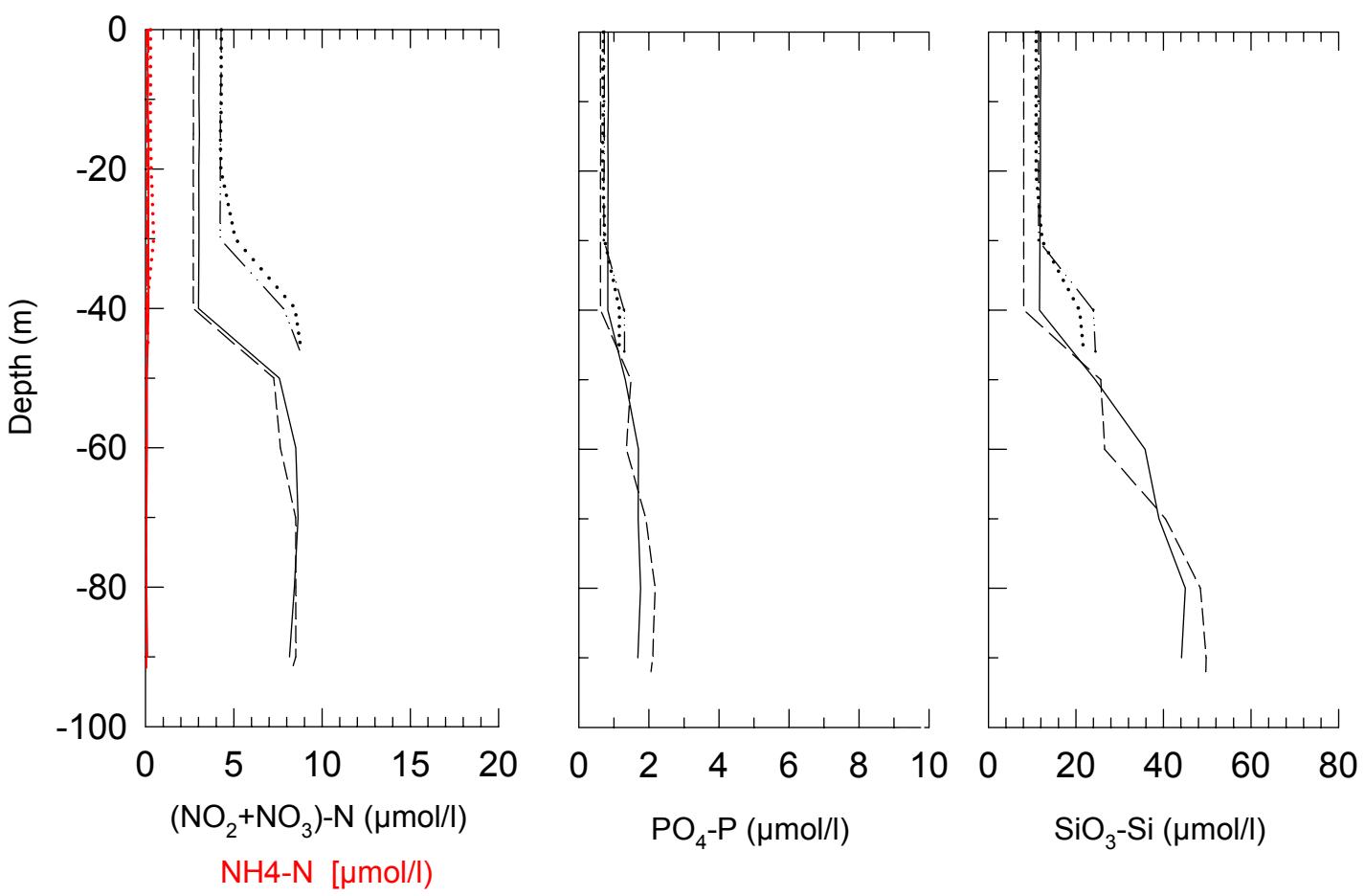
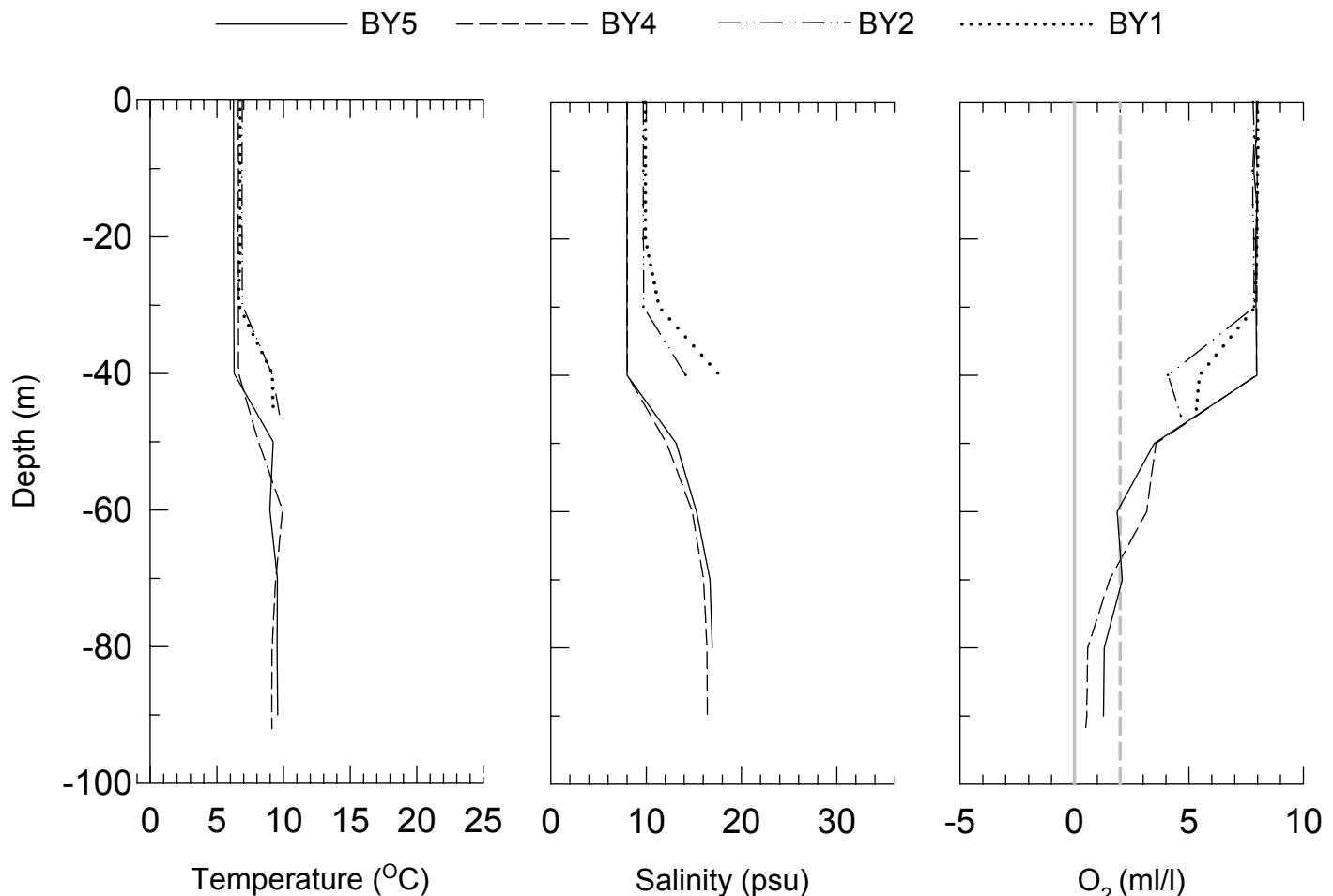


# SKAGERRAK Coast 20070120-20070120

— P2 ——— Släggö

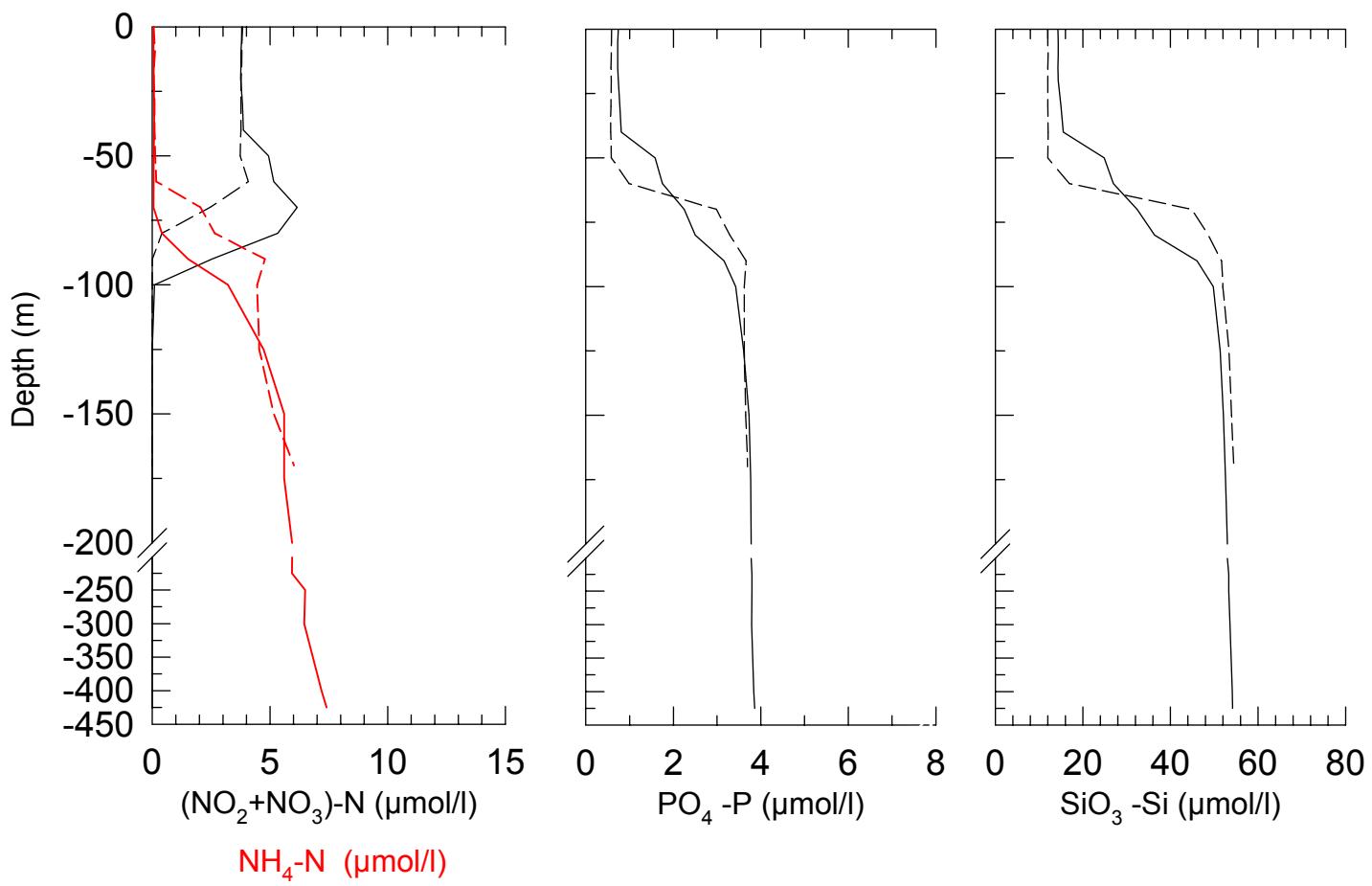
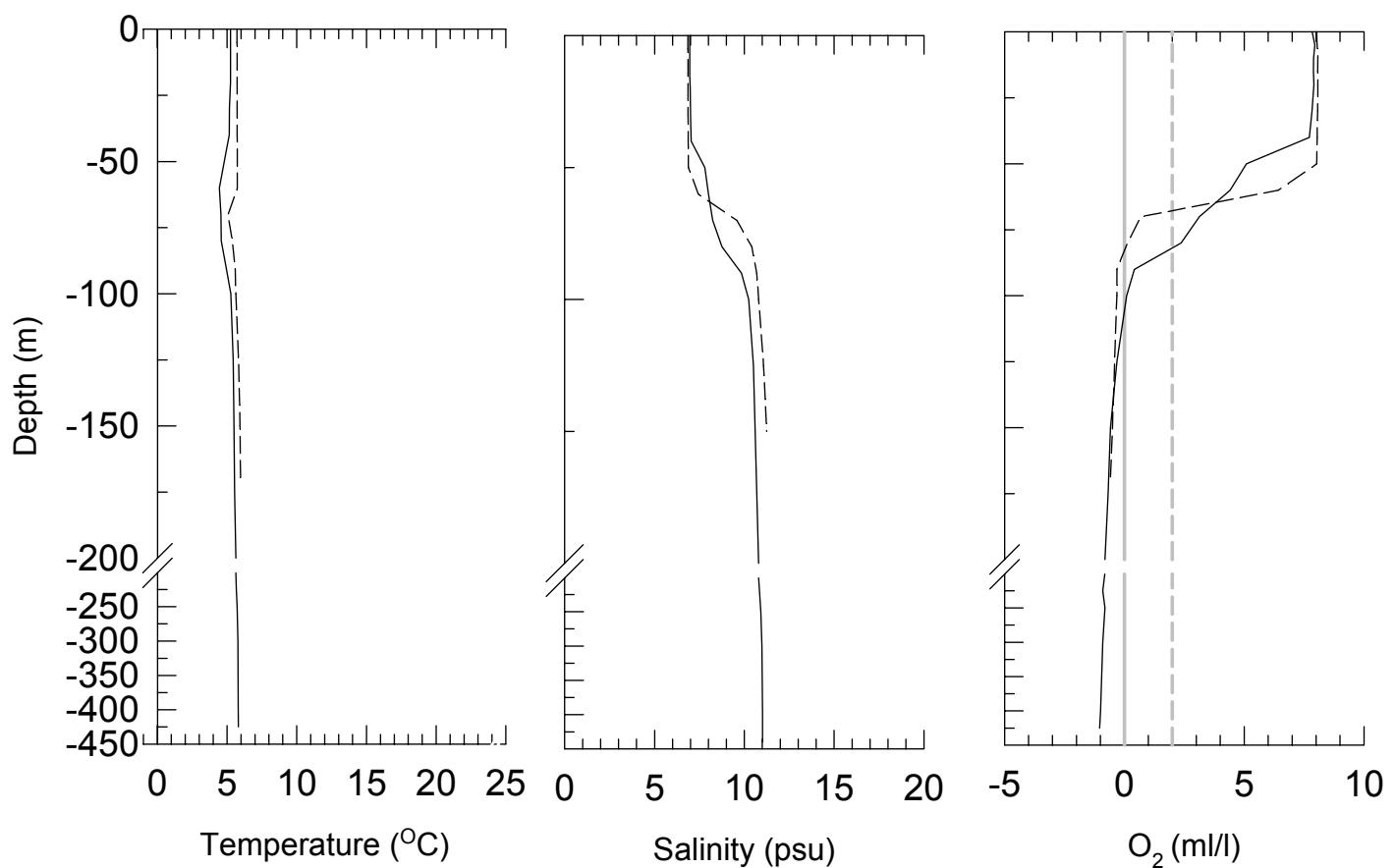


# SOUTHERN BALTIC 20070416-20070117

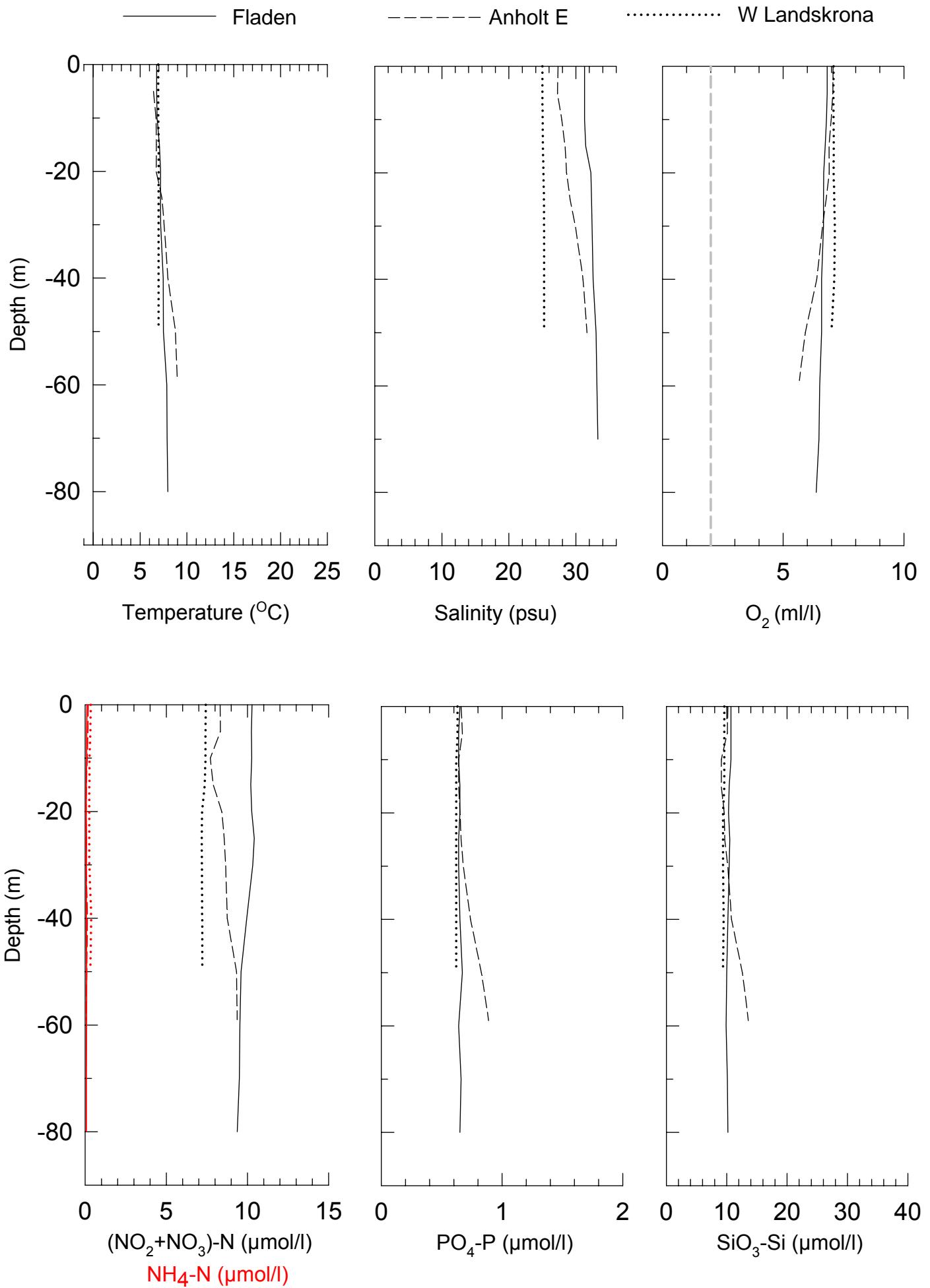


# NORTHERN BALTIC 20070118-20070118

----- BY29 ————— BY31



# KATTEGAT and THE SOUND 20070116-20070120



# EASTERN BALTIC 20070117-20070118

