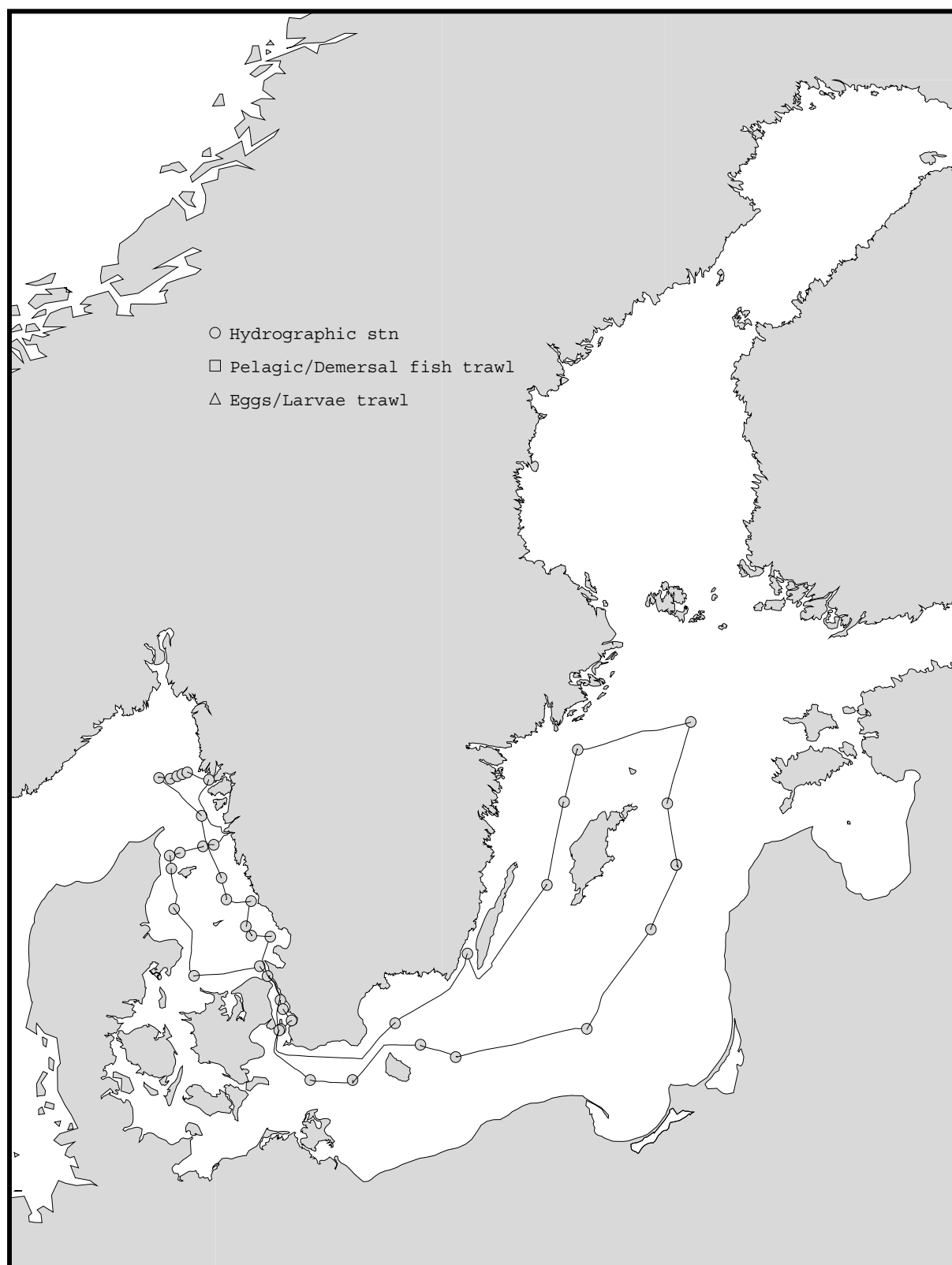


# TRACK CHART

Country: Sweden  
Ship : Argos  
Date : 20090112-20090118  
Series : 0001-0042



Date: 2009-01-18  
Time: 18:01

| Ser no | Stat code | P r o j            | Station----- | Lat----- | Lon----- | Date<br>yyyymmdd | Time<br>hhmm<br>utc | Bottom<br>depth<br>m | Secchi<br>depth<br>m | Wind<br>di ve | Air temp C | Air pres hPa | WCSI elec t aoae d                         | C PPCPZT Hrhhoor ml y g P N N N A S H L P T C |
|--------|-----------|--------------------|--------------|----------|----------|------------------|---------------------|----------------------|----------------------|---------------|------------|--------------|--------------------------------------------|-----------------------------------------------|
| 0001   | KANX02BAS | SW VINGA GF4       | N5733        | E1131.5  | 20090112 | 1105             | 77                  | 6                    | 20 15                | 4.9 1003      | 2850 x     | - - - - -    | 12 x x x - x - x x x x x x - x - - - - - x |                                               |
| 0002   | KANX04BAS | GF6                | N5732        | E1119.5  | 20090112 | 1220             | 47                  |                      | 20 12                | 5.0 1002      | 2840 x     | - - - - -    | 9 x x x - x - x x x x x x - x - - - - - x  |                                               |
| 0003   | KANX06BAS | GF8                | N5727.9      | E1054    | 20090112 | 1400             | 41                  |                      | 20 13                | 5.4 1002      | 6840 x     | - - - - -    | 8 x x x - x - x x x x x x - x - - - - - x  |                                               |
| 0004   | KANX07BAS | GF9                | N5726        | E1042.5  | 20090112 | 1500             | 28                  |                      | 20 12                | 6.0 1002      | 6830 x     | - - - - -    | 6 x x x - x - x x x x x x - x - - - - - x  |                                               |
| 0005   | KANX09BAS | LŽS™ RžNNA         | N5717.6      | E1044.5  | 20090112 | 1605             | 43                  |                      | 20 13                | 4.9 1002      | 6990 x     | - - - - -    | 8 x x x - x - x x x x x x - x - - - - - x  |                                               |
| 0006   | KAWA11BAS | 409 □LBORG BUGT    | N5651.4      | E1047.5  | 20090112 | 1915             | 15                  |                      | 20 13                | 4.9 1003      | 9990 x     | - - - - -    | 4 x x x - x - x x x x x x - x - - - - - x  |                                               |
| 0007   | KAXW14BAS | 925 KATTEGAT SW†   | N5607.9      | E1109.6  | 20090113 | 0205             | 45                  |                      | 22 15                | 3.8 1002      | 9990 x     | - - - - -    | 9 x x x - x - x x x x x x - x - - - - - x  |                                               |
| 0008   | KAEX33BAS | KULLEN             | N5614        | E1222.2  | 20090113 | 0640             | 25                  |                      | 20 11                | 4.2 1003      | 9990 x     | - - - - -    | 6 x x x - x - x x x x x x - x - - - - - x  |                                               |
| 0009   | SONX33BAS | ™RESUND-12X        | N5607.6      | E1231.0  | 20090113 | 0755             | 24                  |                      | 21 9                 | 4.2 1004      | 2830 x     | - - - - -    | 6 x x x - x - x x x x x x - x - - - - - x  |                                               |
| 0010   | SOCX39BAS | W LANDSKRONA       | N5552.0      | E1245.0  | 20090113 | 0950             | 50                  |                      | 20 6                 | 4.7 1006      | 2830 x     | --x----      | 9 x x x - x - x x x x x x - x - - - - - x  |                                               |
| 0011   | SOCX41BAS | ™RESUND-7          | N5546.2      | E1247.8  | 20090113 | 1055             | 18                  |                      | 22 11                | 4.4 1006      | 2830 x     | - - - - -    | 5 x x x - x - x x x x x x - x - - - - - x  |                                               |
| 0012   | SOCX44BAS | ™RESUND-4          | N5538.8      | E1257.3  | 20090113 | 1150             | 13                  |                      | 22 13                | 4.2 1006      | 2830 x     | - - - - -    | 4 x x x - x - x x x x x x - x - - - - - x  |                                               |
| 0013   | SOSX46BAS | ™RESUND-2          | N5533.25     | E1245.5  | 20090113 | 1255             | 10                  | 10                   | 21 10                | 4.4 1006      | 2830 x     | - - - - -    | 3 x x x - x - x x x x x x - x - - - - - x  |                                               |
| 0014   | SOSX48EXT | DROGDEN E          | N5532.40     | E1243.75 | 20090113 | 1310             | 11                  |                      | 21 9                 | 4.4 1006      | 2830 x     | - - - - -    | 3 - - - - - - - - - - - x                  |                                               |
| 0015   | BPSA02BAS | BY1                | N5500        | E1318    | 20090113 | 1720             | 46                  |                      | 22 9                 | 4.8 1009      | 9990 x     | --x----      | 8 x x x - x - x x x x x x - x - - - - - x  |                                               |
| 0016   | BPSA03BAS | BY2 ARKONA         | N5500        | E1405    | 20090113 | 2010             | 47                  |                      | 21 9                 | 4.4 1010      | 9990 x     | --xxxx--     | 8 x x x - x - x x x x x x - x - - - - - x  |                                               |
| 0017   | BPSB06BAS | BY4 CHRISTIANS™    | N5523        | E1520    | 20090114 | 0205             | 93                  |                      | 20 5                 | 4.1 1009      | 9990 x     | -x-x----     | 13 x x x - x - x x x x x x - x - - - - - x |                                               |
| 0018   | BPSB07BAS | BY5 BORNHOLMSDJ    | N5515        | E1559    | 20090114 | 0450             | 91                  |                      | 20 7                 | 3.9 1009      | 9990 x     | -xxxx--      | 12 x x x - x - x x x x x x - x - - - - - x |                                               |
| 0019   | BPSE11BAS | BCS III-10         | N5533.3      | E1824    | 20090114 | 1330             | 92                  | 12                   | 25 7                 | 3.8 1010      | 2830 x     | -x-x----     | 12 x x x - x - x x x x x x - x - - - - - x |                                               |
| 0020   | BPEX13BAS | BY10               | N5638        | E1935    | 20090114 | 2105             | 145                 |                      | 25 8                 | 4.5 1010      | 6990 x     | -x-x----     | 15 x x x - x x x x x x x x - x - - - - - x |                                               |
| 0021   | BPEX21BAS | BY15 GOTLANDSDJ    | N5720        | E2003    | 20090115 | 0150             | 240                 |                      | 34 7                 | 4.1 1011      | 9990 x     | -xxxx--      | 19 x x x - x x x x x x x x - x - - - - - x |                                               |
| 0022   | BPEX21EXT | BY15 GOTLANDSDJ    | N5720        | E2003    | 20090115 | 0315             | 240                 |                      | 34 8                 | 4.1 1011      | 9990 x     | - - - - -    | 6 x x x - x x x x x x x x - x - - - - - x  |                                               |
| 0023   | BPEX26BAS | BY20 F□R™DJ        | N5800        | E1953    | 20090115 | 0740             | 198                 |                      | 01 9                 | 1.7 1014      | 7630 x     | -x-x----     | 17 x x x - x x x x x x x x - x - - - - - x |                                               |
| 0024   | BPNX35BAS | BY29               | N5853        | E2019    | 20090115 | 1310             | 186                 |                      | 33 14                | -0.1 1016     | 1540 x     | -x-x----     | 16 x x x - x x x x x x x x - x - - - - - x |                                               |
| 0025   | BPNX37BAS | BY31 LANDSORTSDJ   | N5835        | E1814    | 20090115 | 1945             | 460                 |                      | 33 12                | -2.1 1023     | 9990 x     | -xxxx--      | 23 x x x - x x x x x x x x - x - - - - - x |                                               |
| 0026   | BPWX38BAS | BY32 NORRK™PINGSDJ | N5801        | E1759    | 20090116 | 0040             | 212                 |                      | 35 9                 |               |            |              |                                            |                                               |

```
Date: 2009-01-18
Time: 18:01
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[illegible]

## Bottom water oxygen concentration (ml/l)

Country: Sweden

Ship : Argos

Date : 20090112-20090116

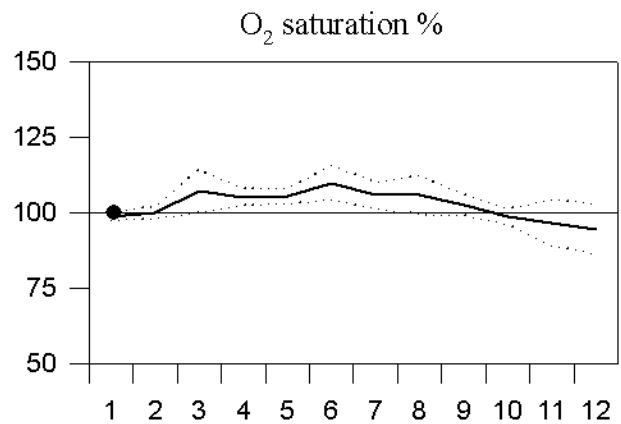
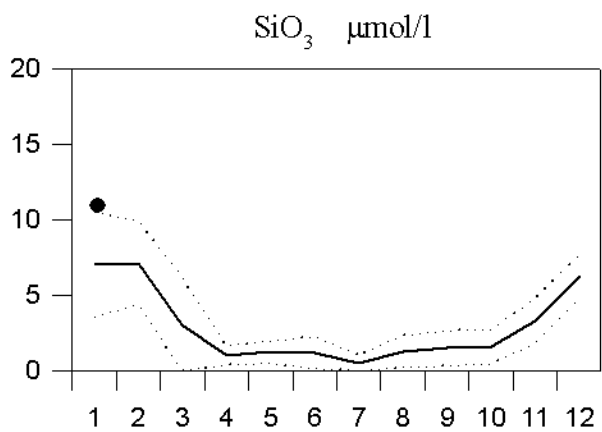
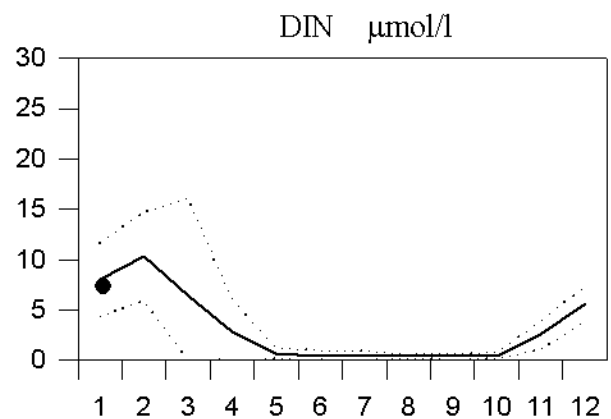
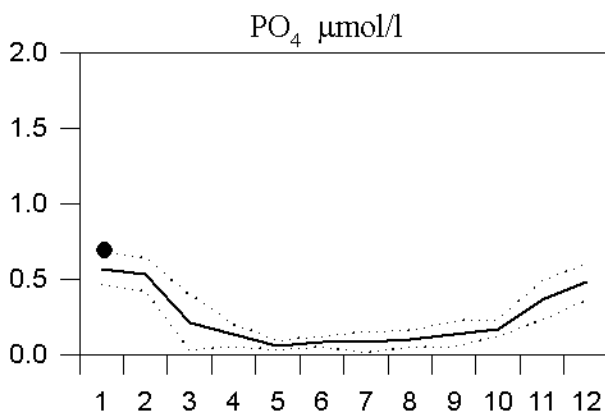
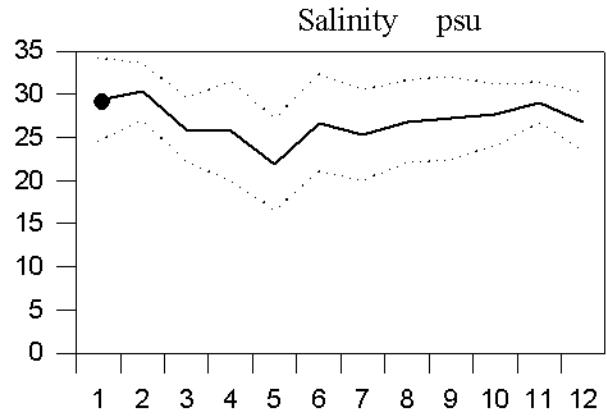
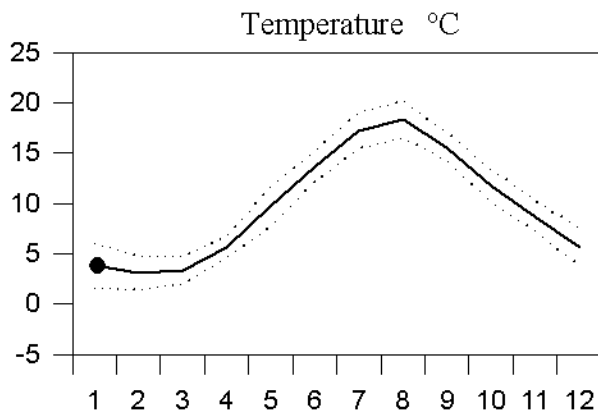
Series : 0001-0029



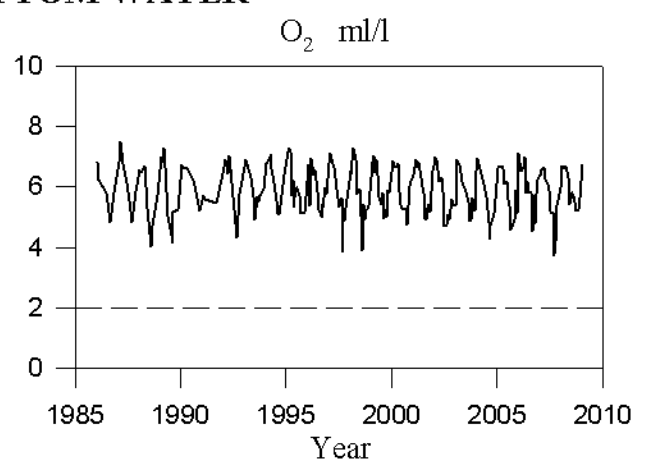
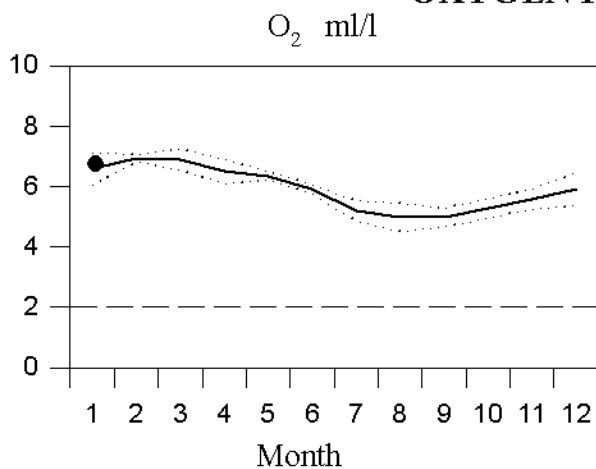
## STATION P2 SURFACE WATER

### Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



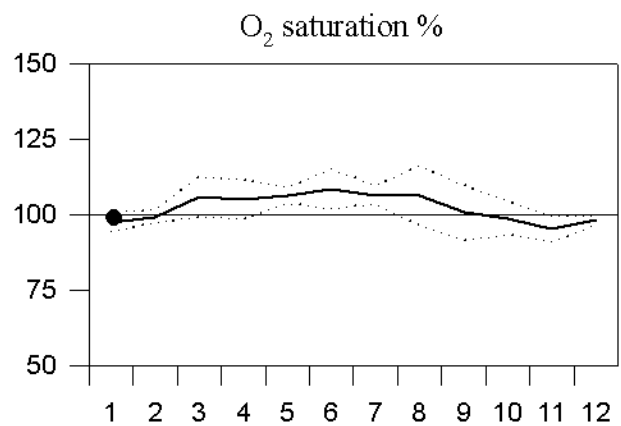
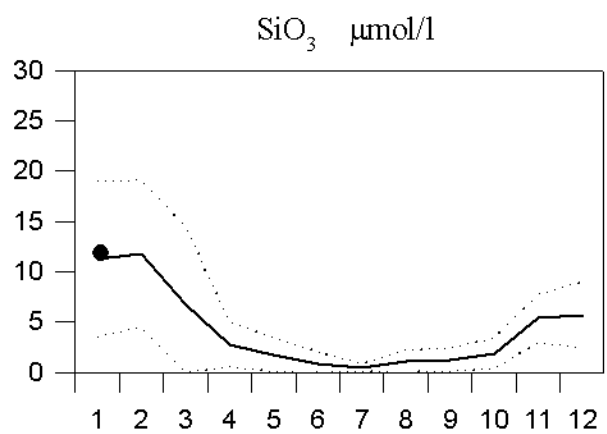
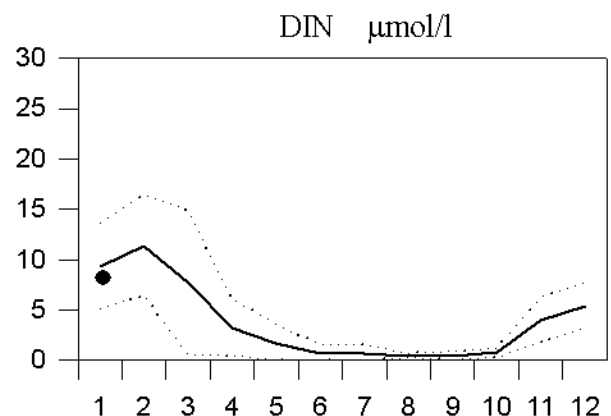
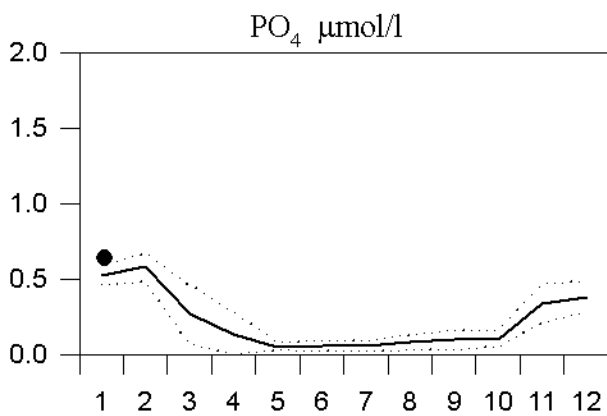
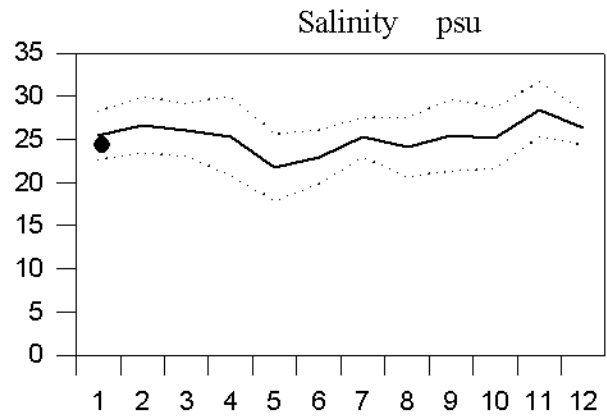
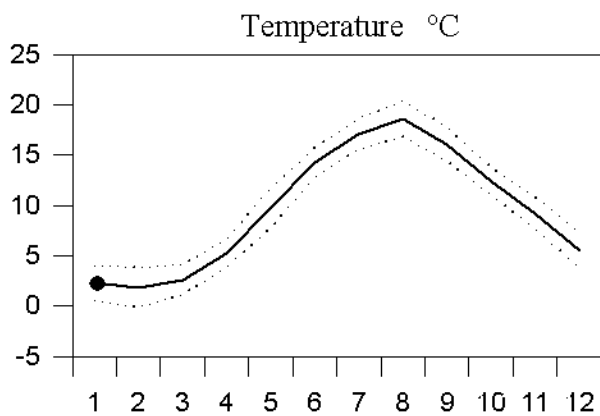
### OXYGEN IN BOTTOM WATER



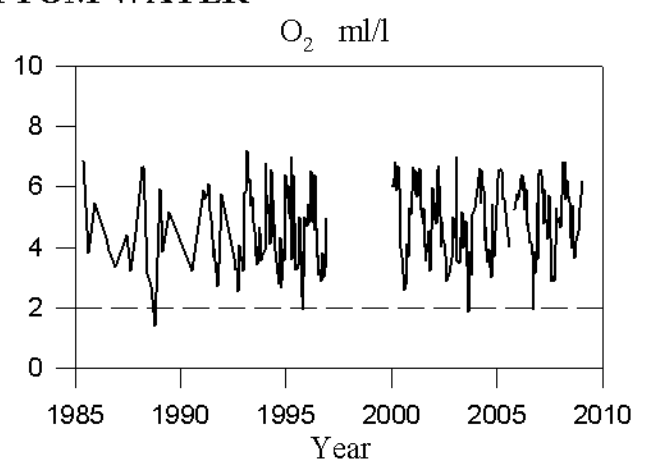
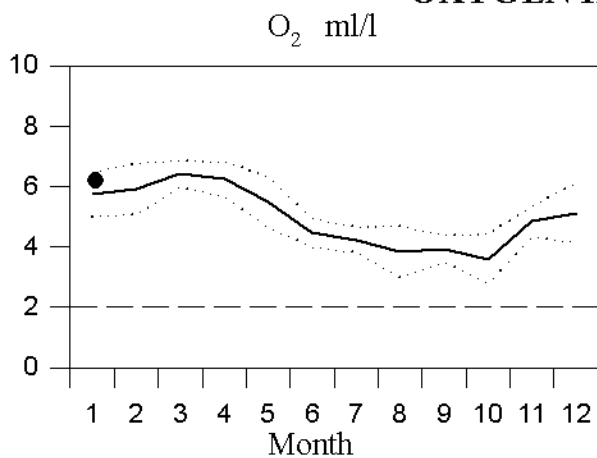
# STATION SLÄGGÖ SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



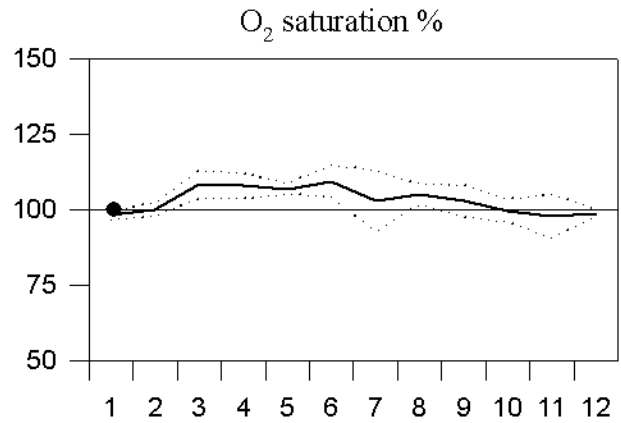
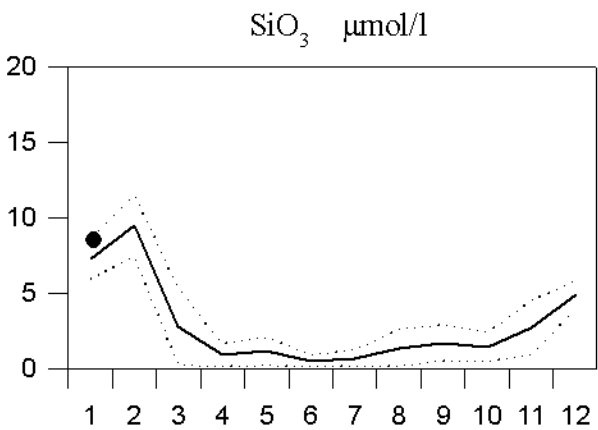
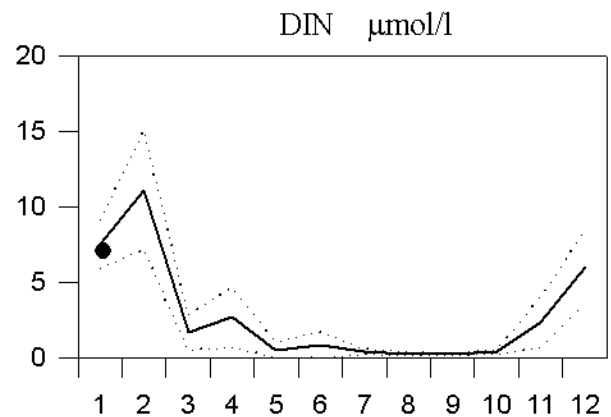
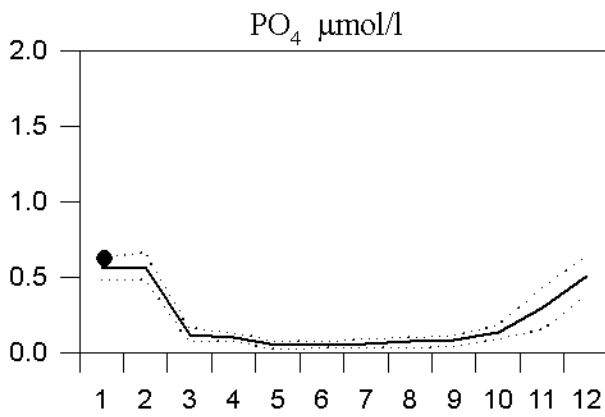
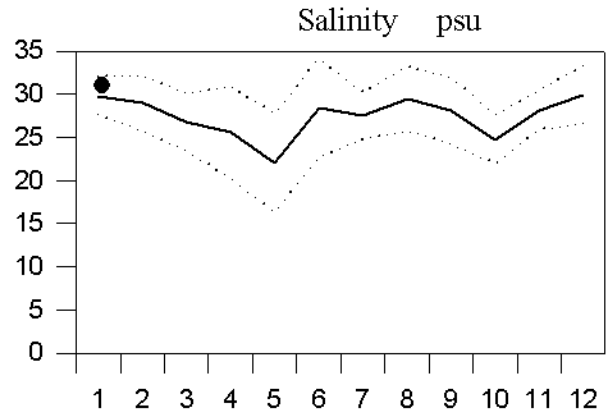
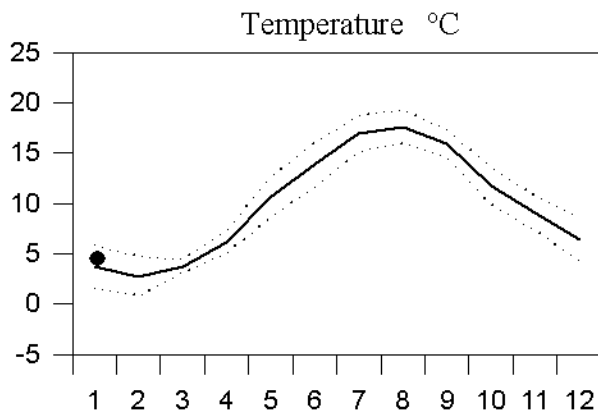
## OXYGEN IN BOTTOM WATER



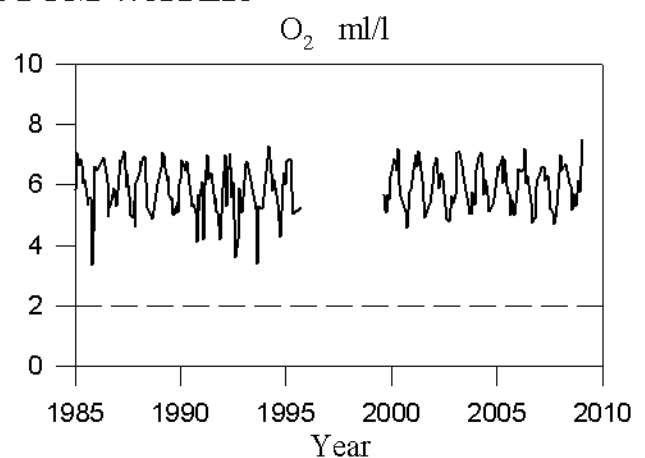
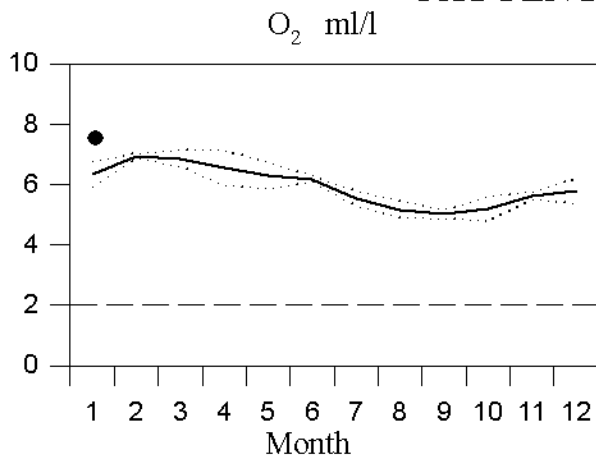
# STATION Å13 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



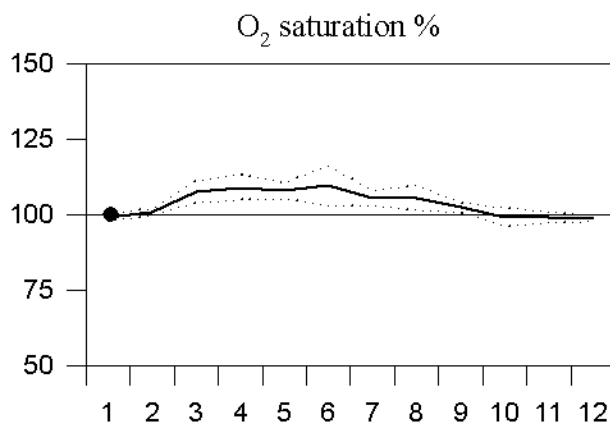
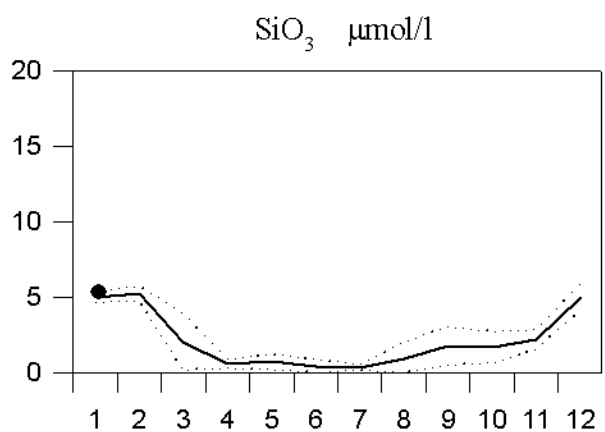
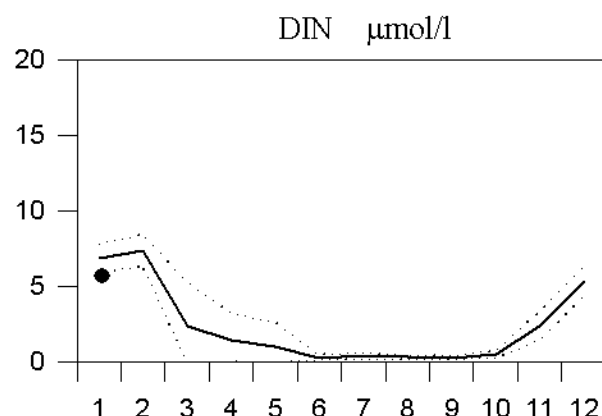
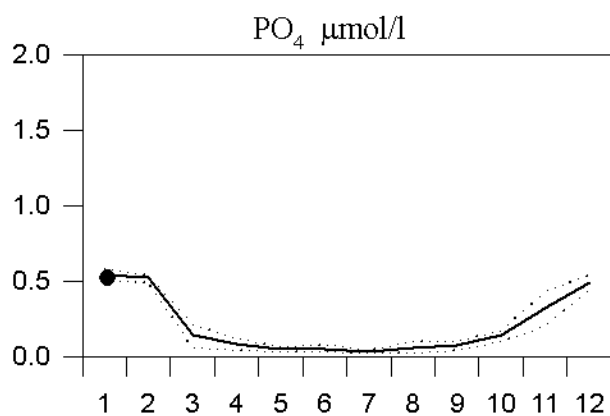
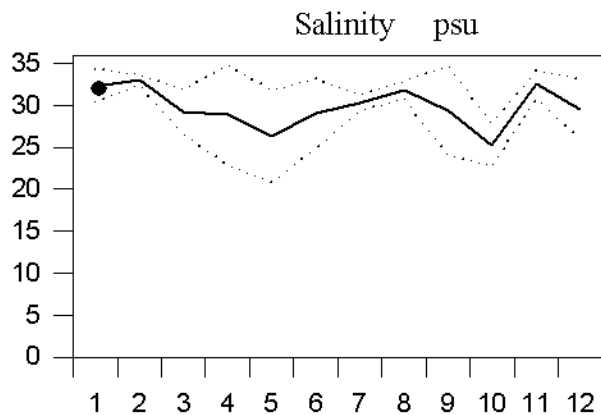
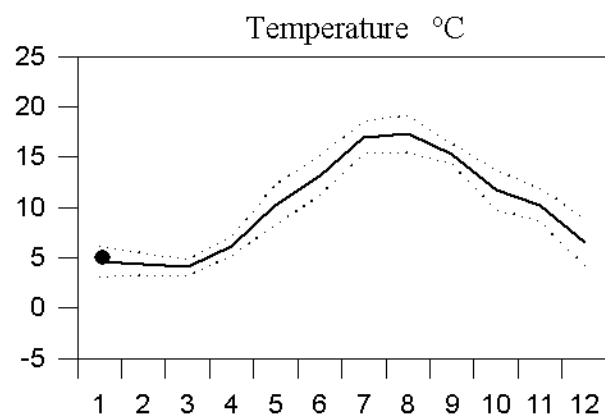
## OXYGEN IN BOTTOM WATER



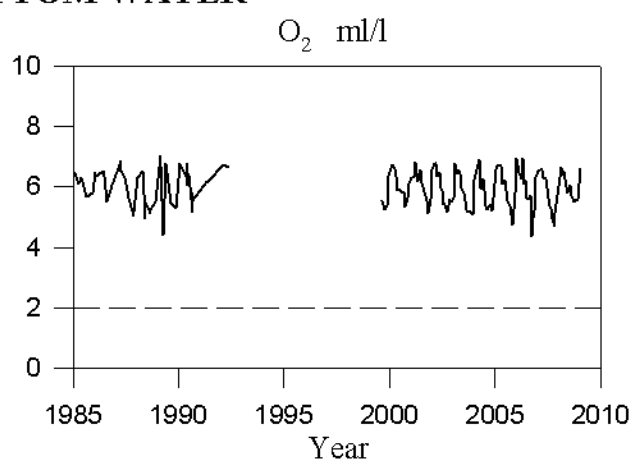
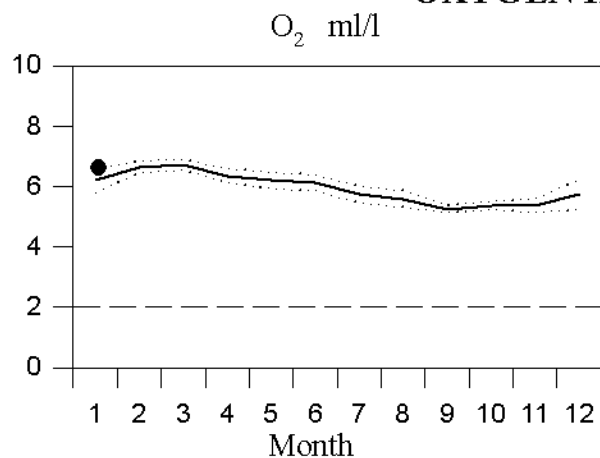
# STATION Å15 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



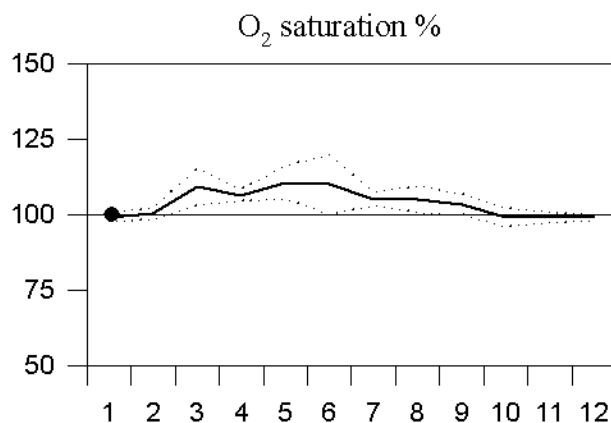
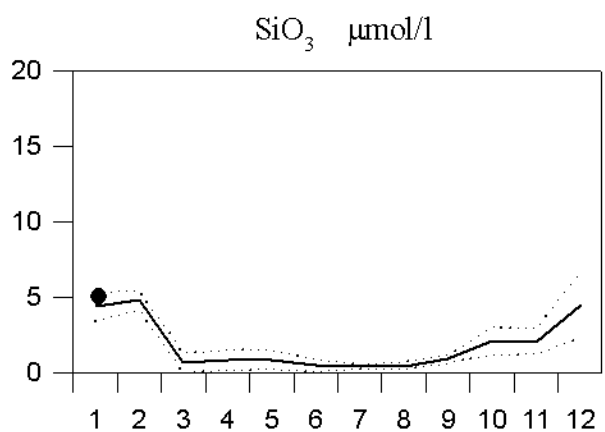
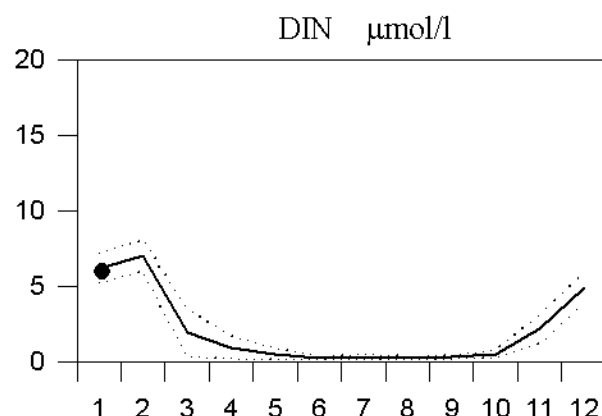
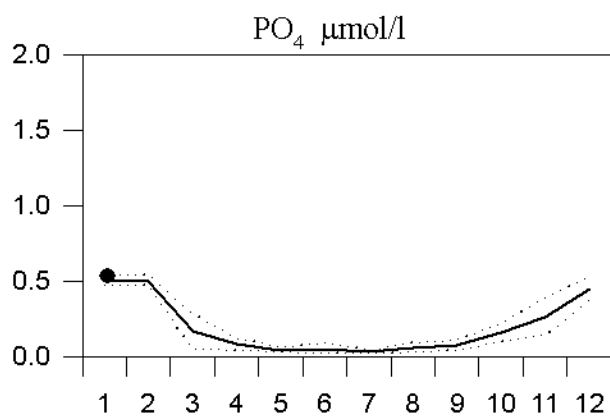
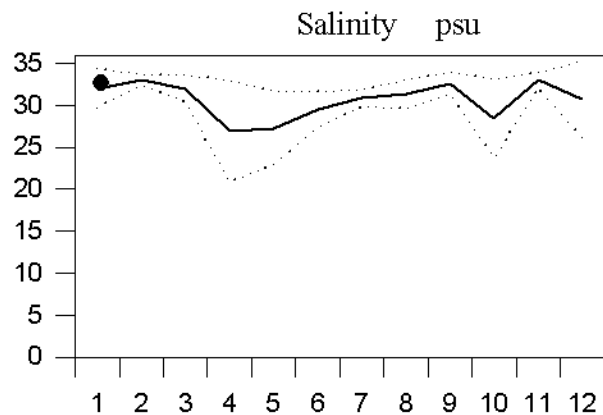
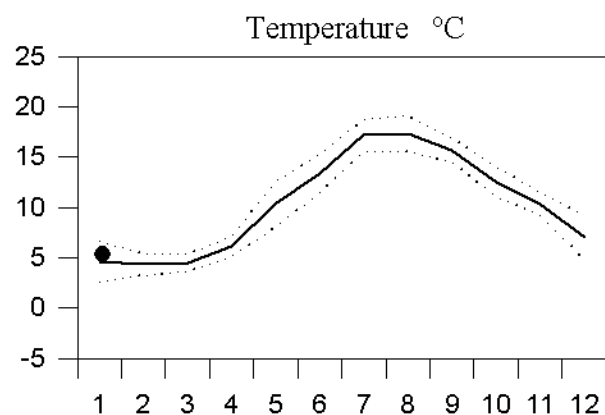
## OXYGEN IN BOTTOM WATER



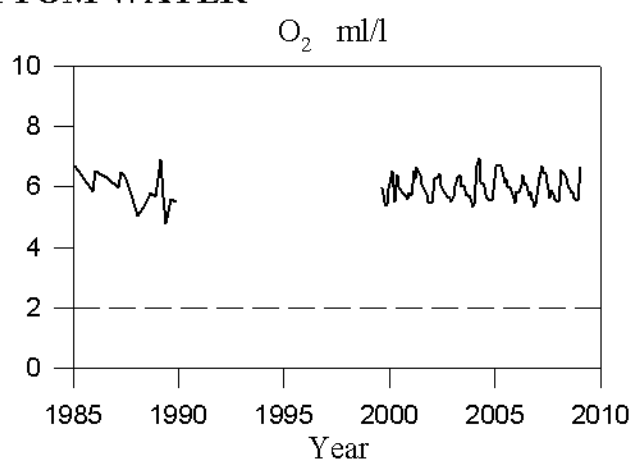
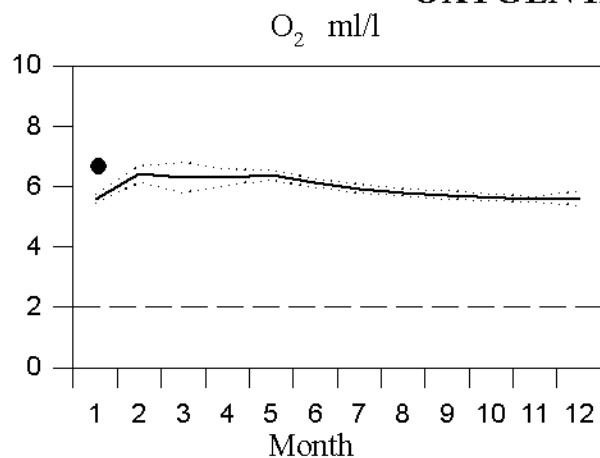
# STATION Å17 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



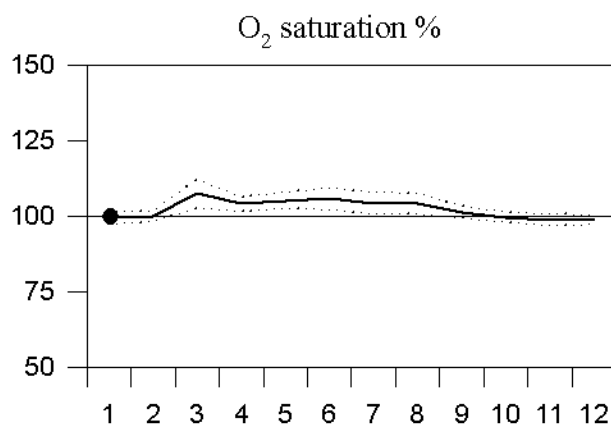
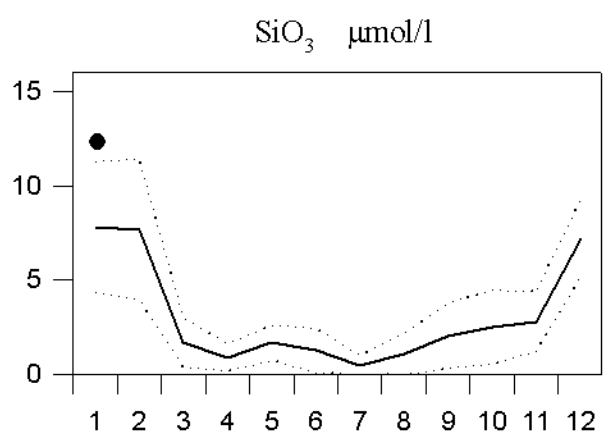
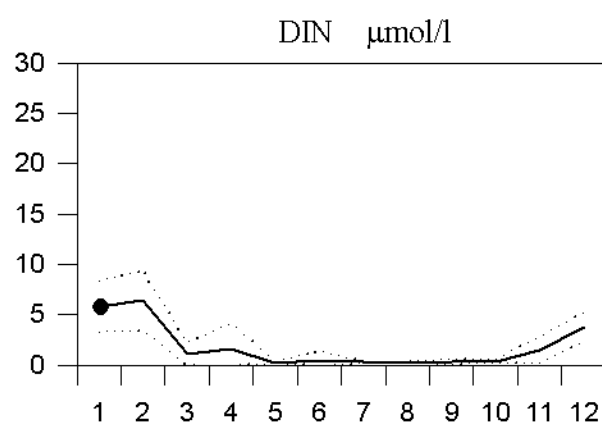
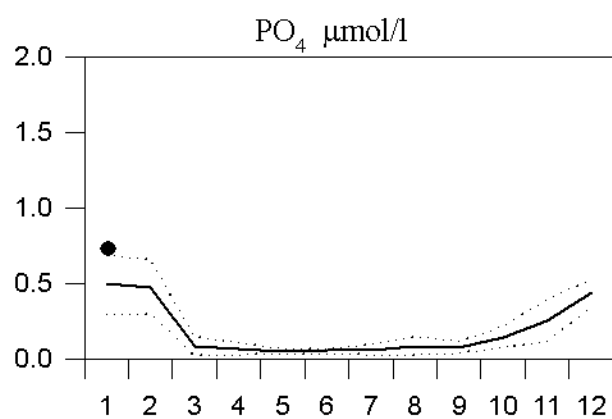
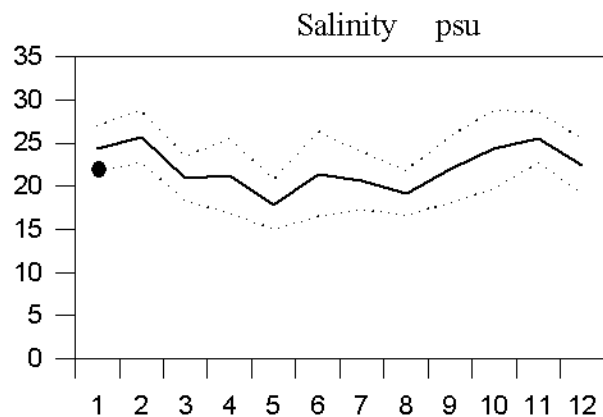
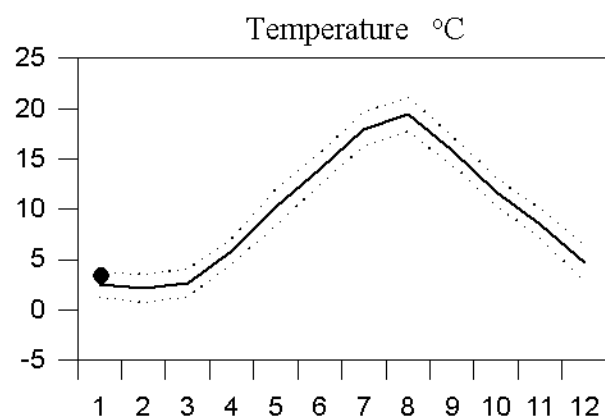
## OXYGEN IN BOTTOM WATER



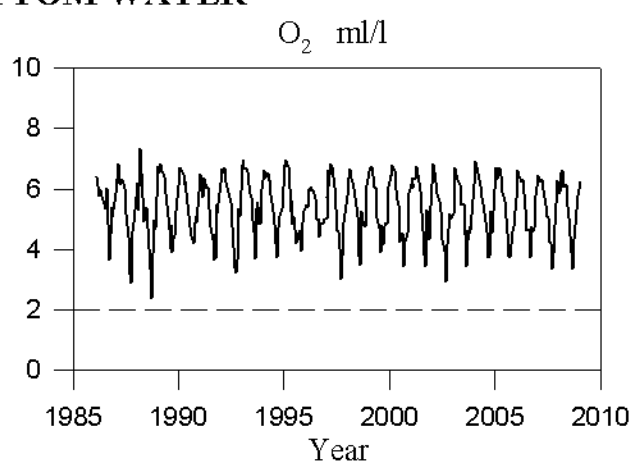
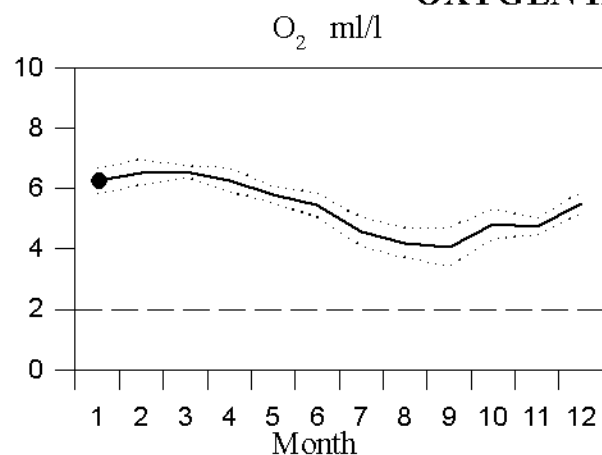
# STATION FLADEN SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



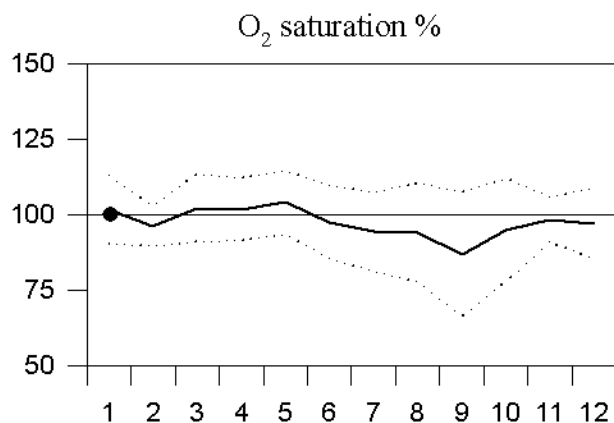
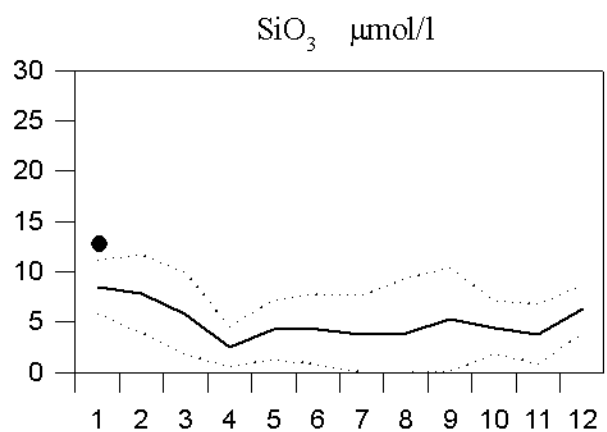
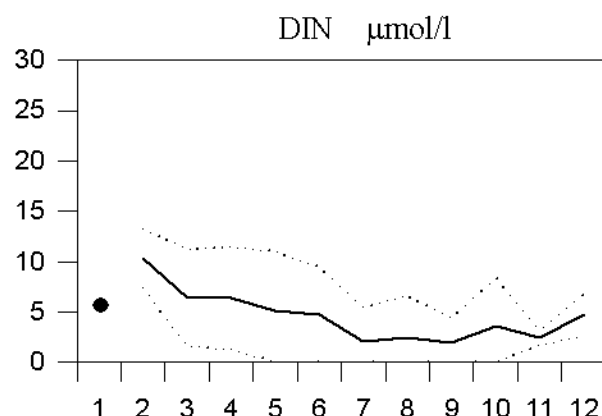
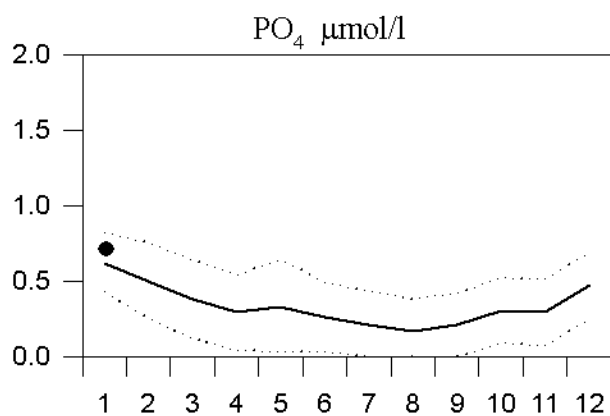
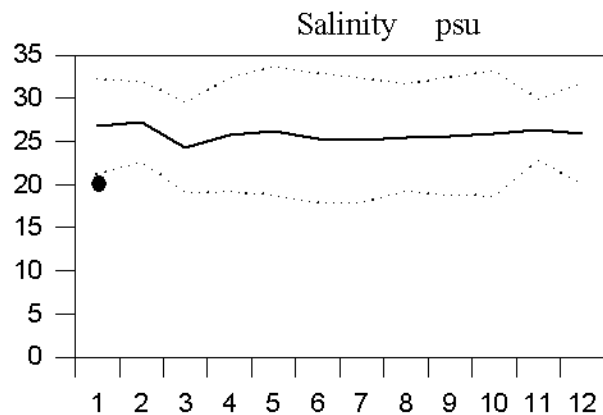
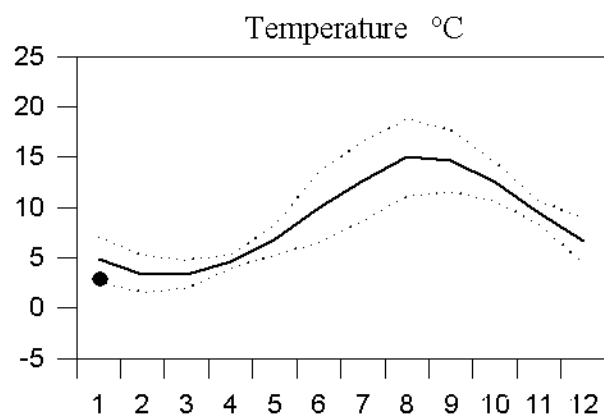
## OXYGEN IN BOTTOM WATER



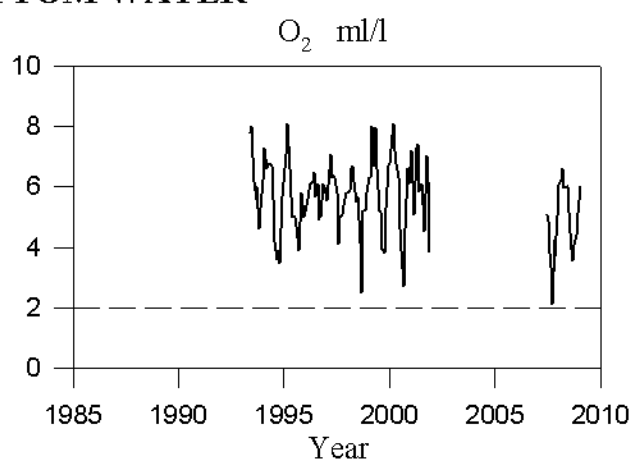
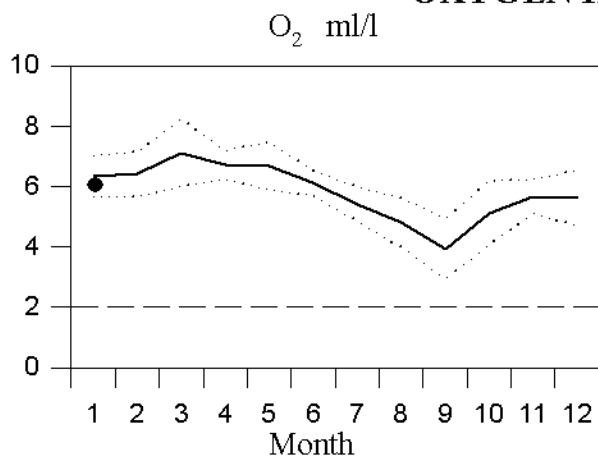
# STATION N14 Falkenberg SURFACE WATER

— Mean 1995-2001    ..... St.Dev.    **Annual Cycles**    ● 2009

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



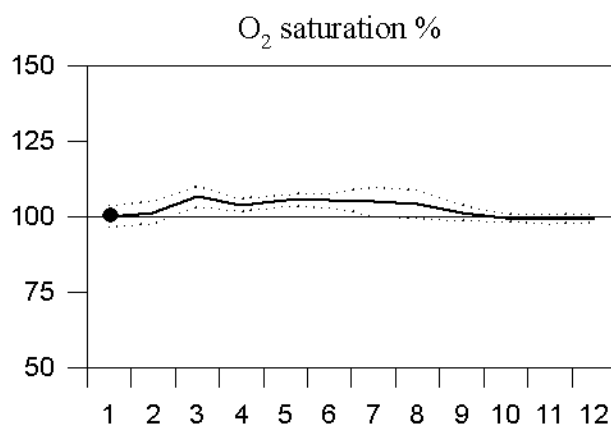
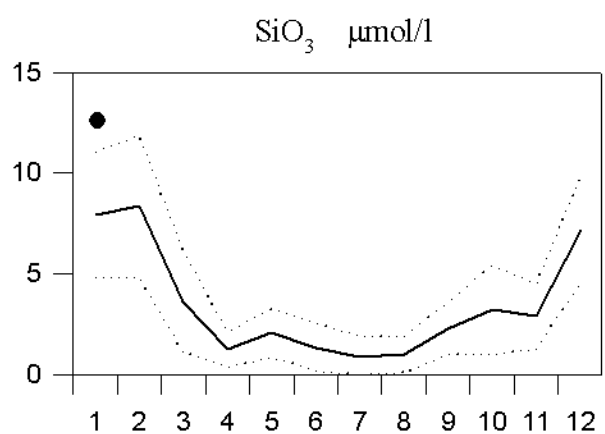
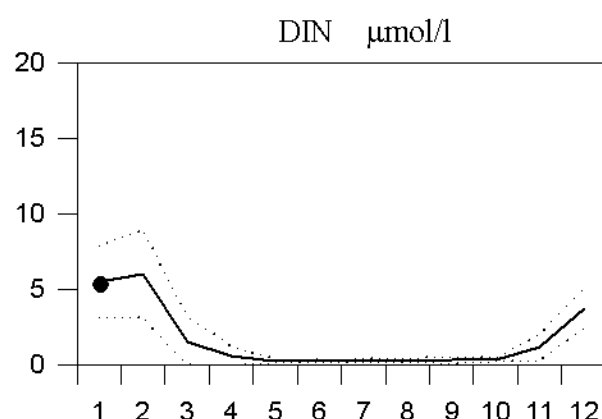
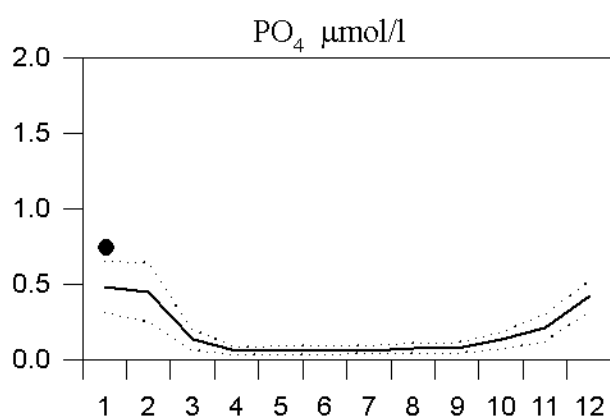
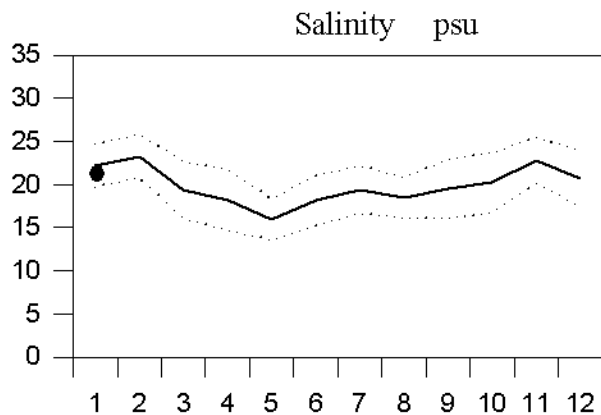
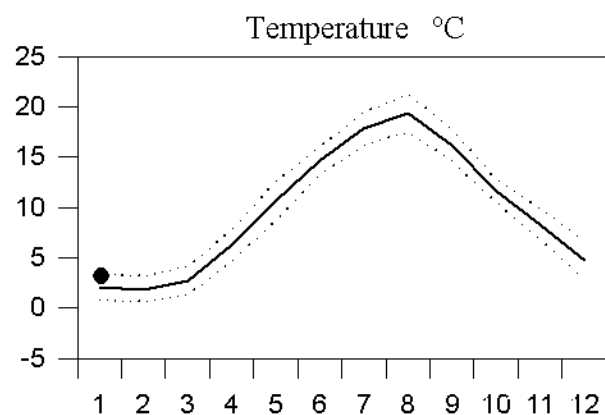
## OXYGEN IN BOTTOM WATER



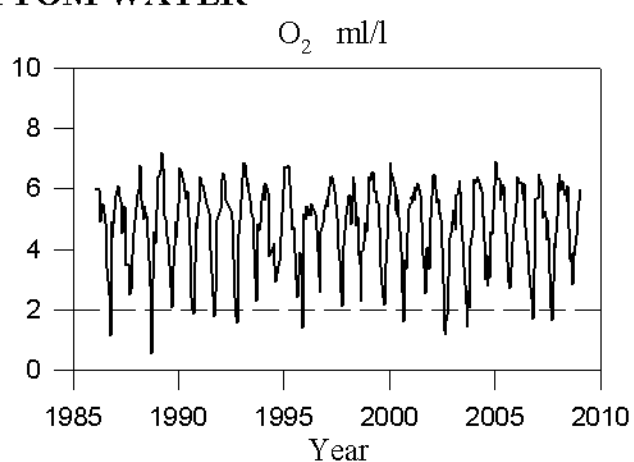
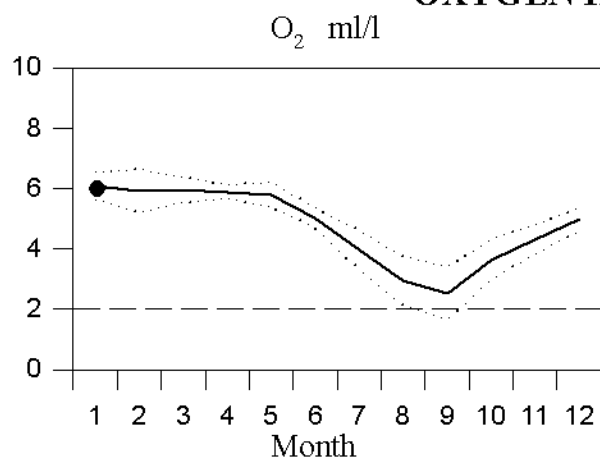
# STATION ANHOLT E SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



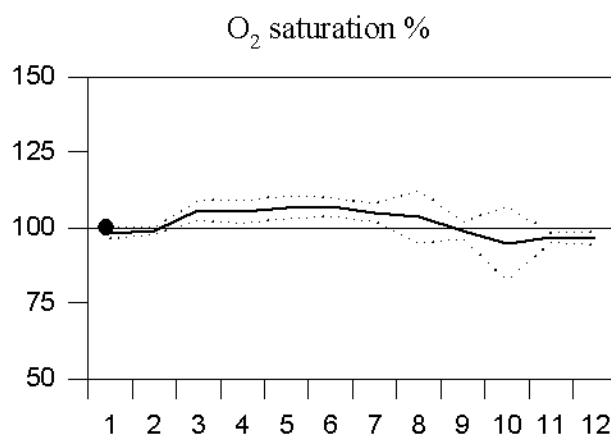
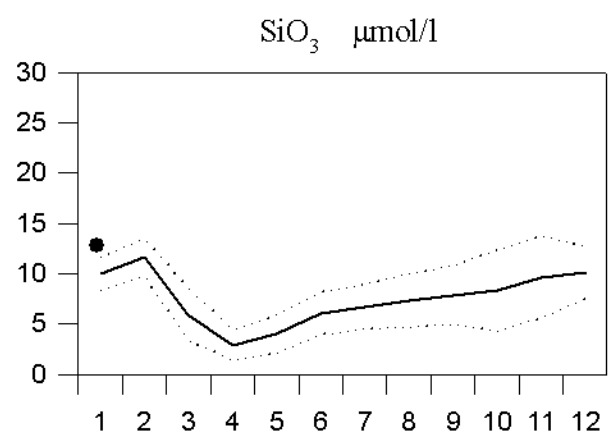
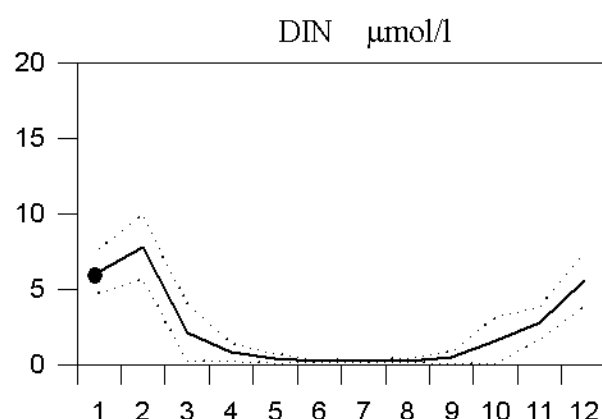
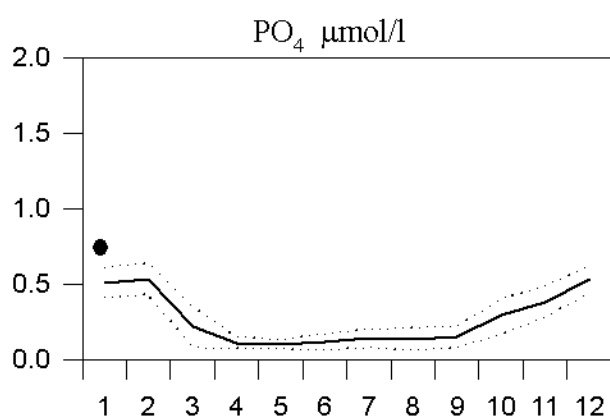
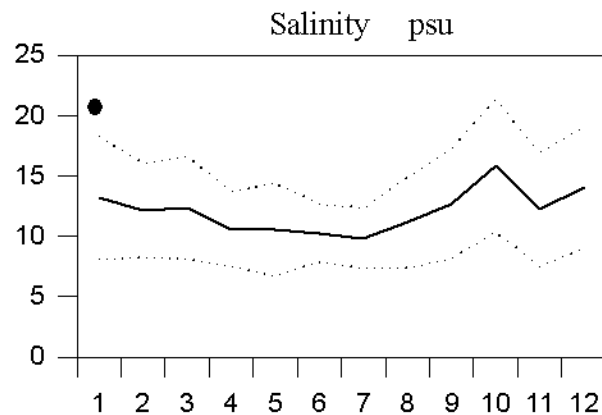
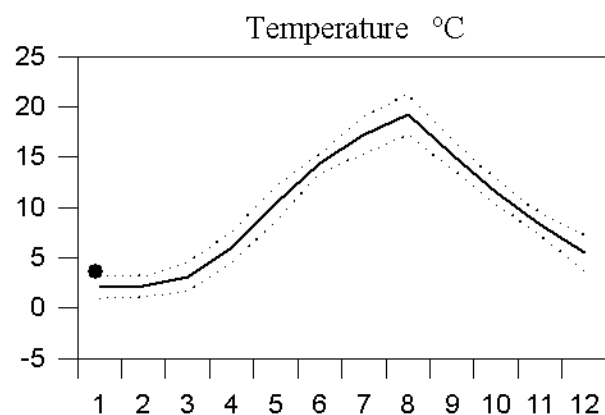
## OXYGEN IN BOTTOM WATER



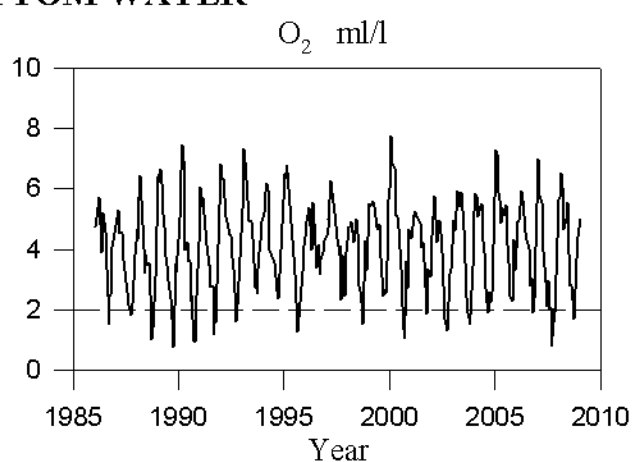
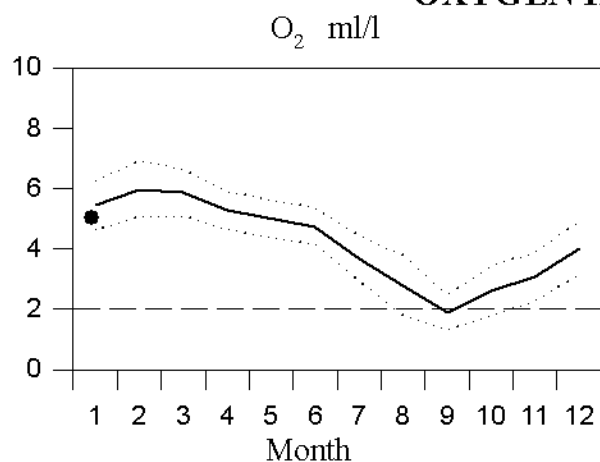
# STATION W LANDSKRONA SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



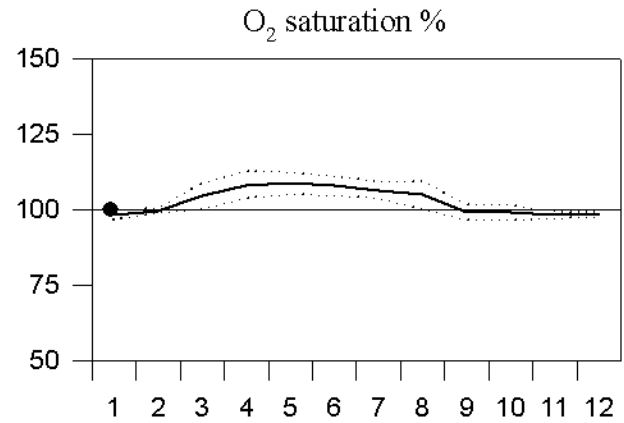
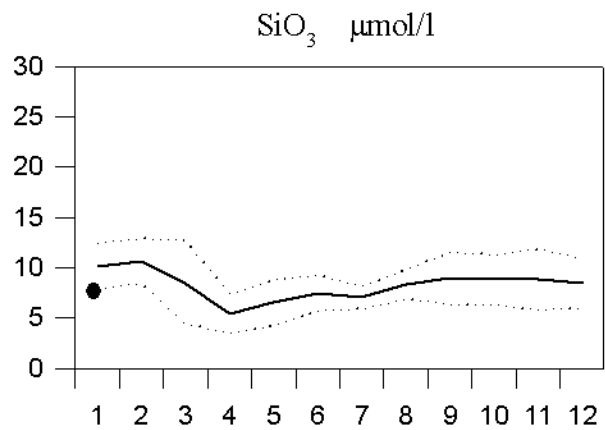
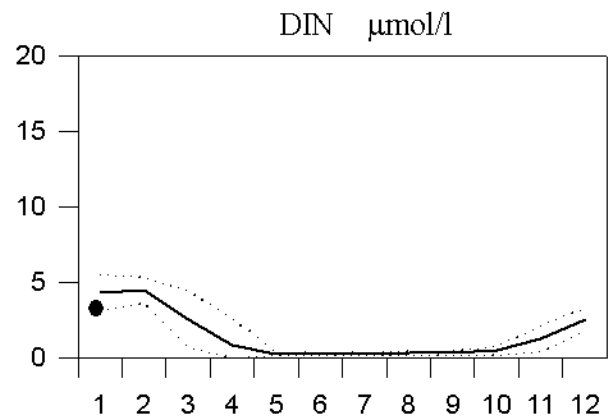
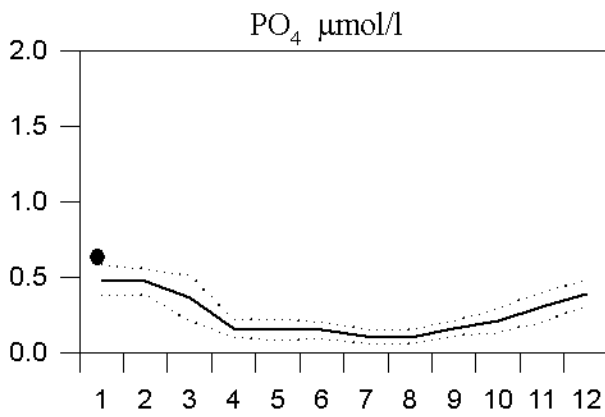
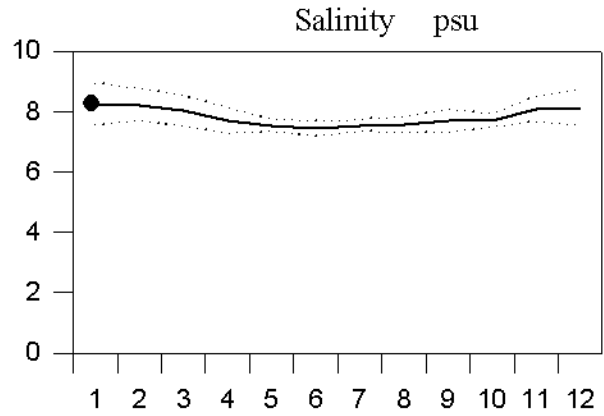
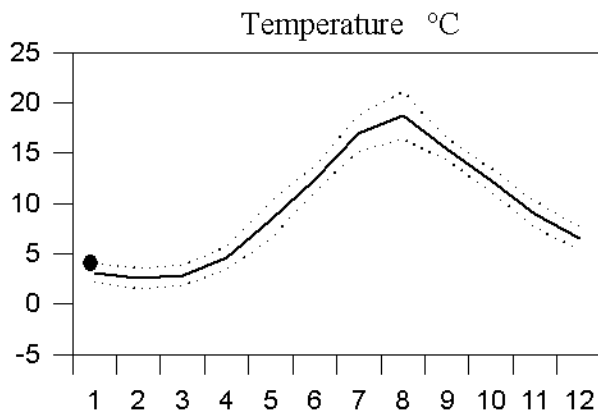
## OXYGEN IN BOTTOM WATER



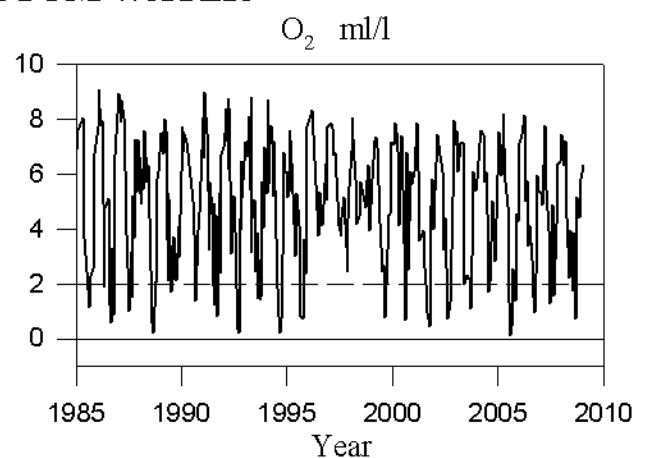
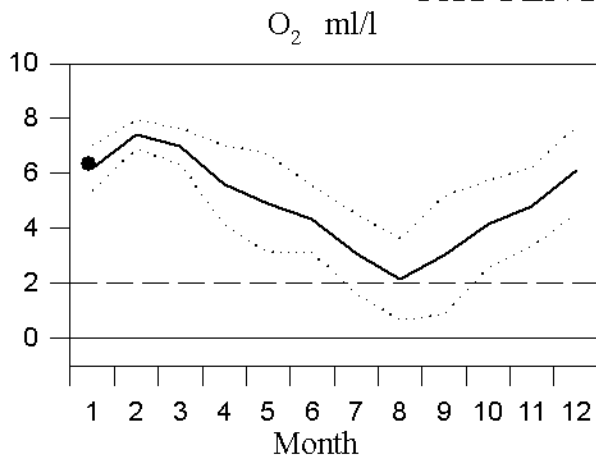
# STATION BY1 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



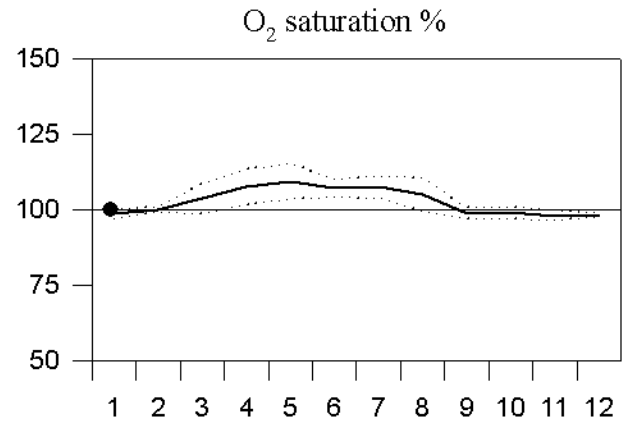
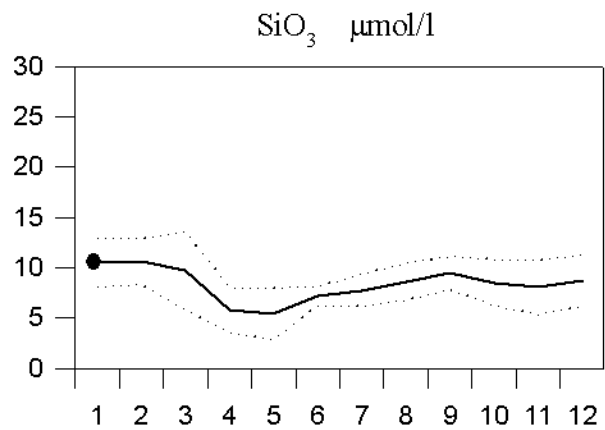
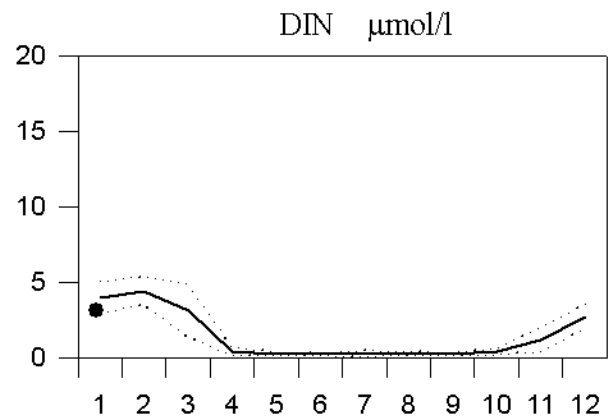
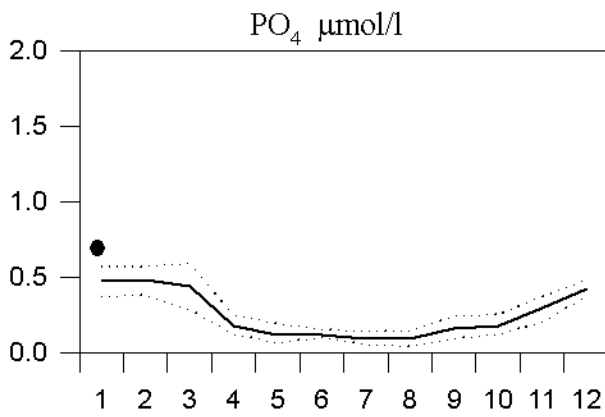
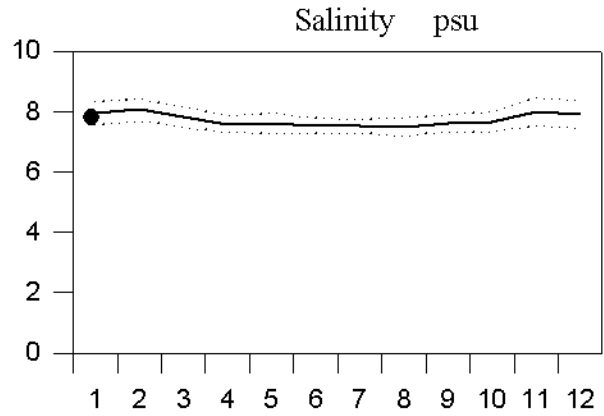
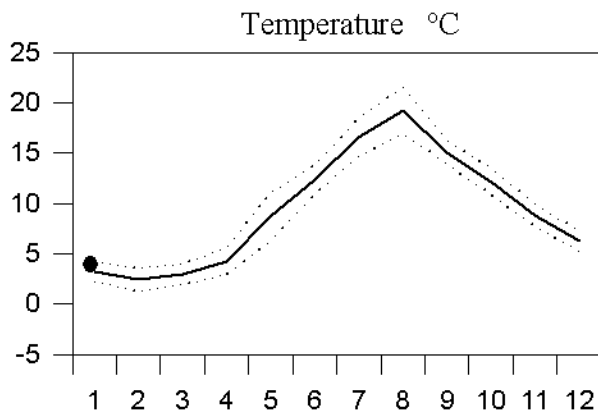
## OXYGEN IN BOTTOM WATER



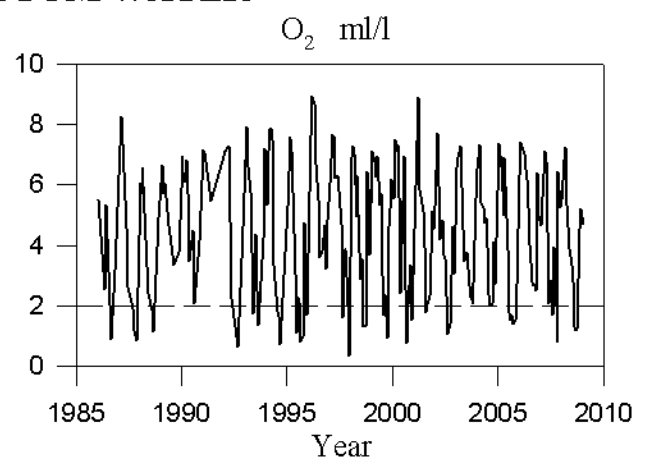
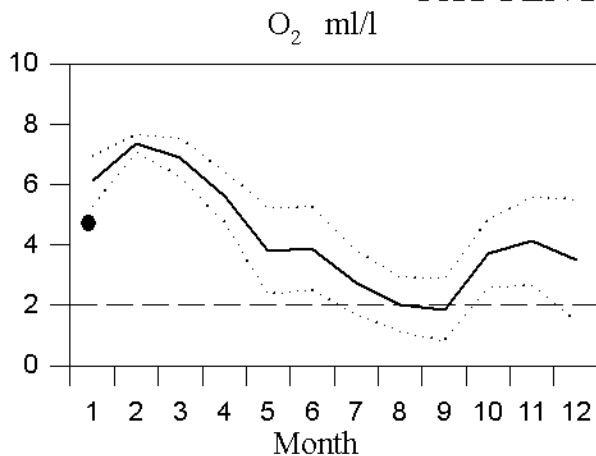
# STATION BY2 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



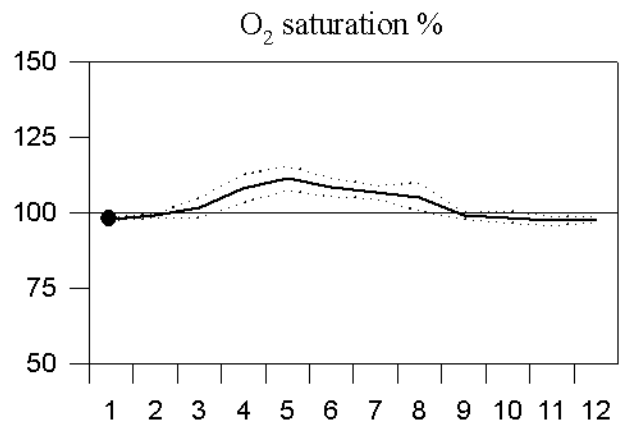
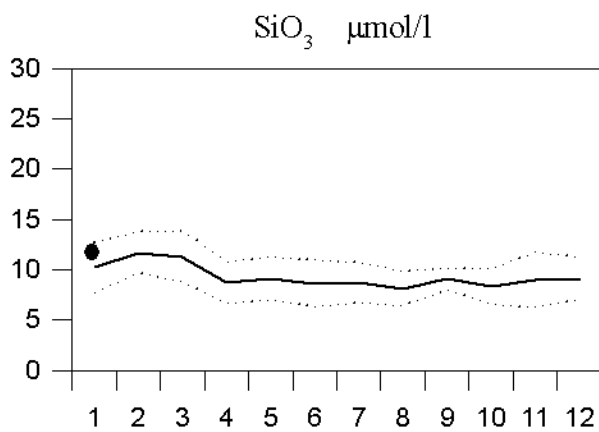
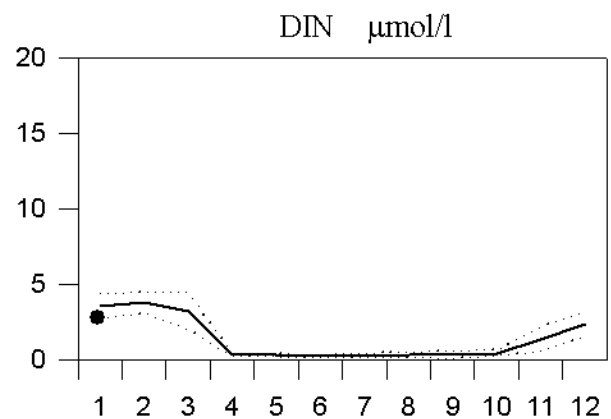
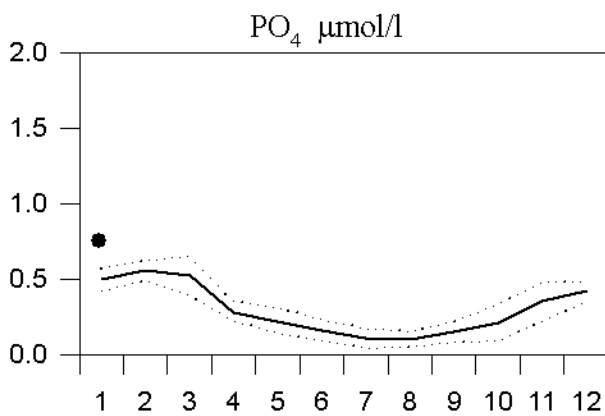
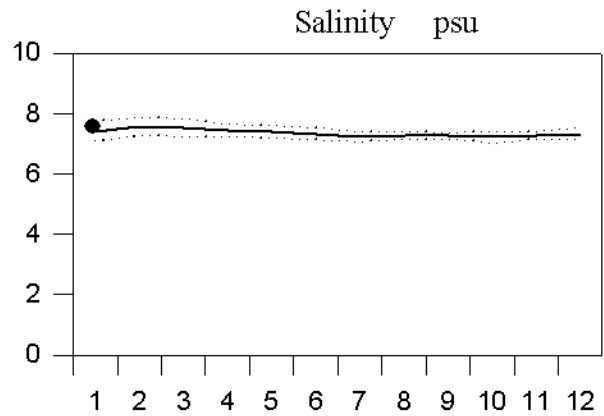
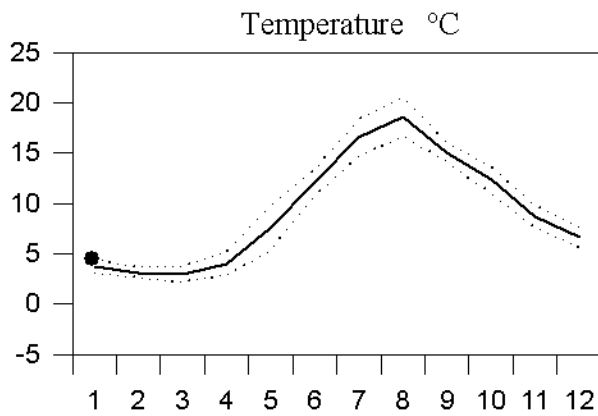
## OXYGEN IN BOTTOM WATER



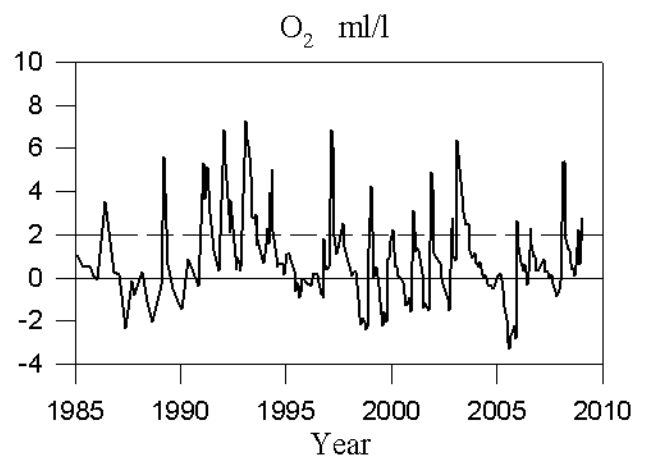
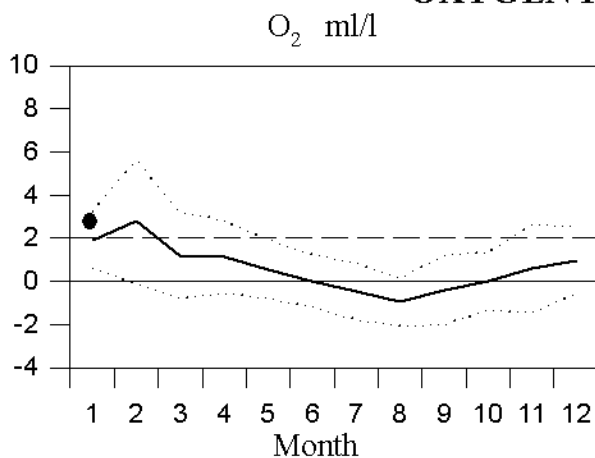
# STATION BY4 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



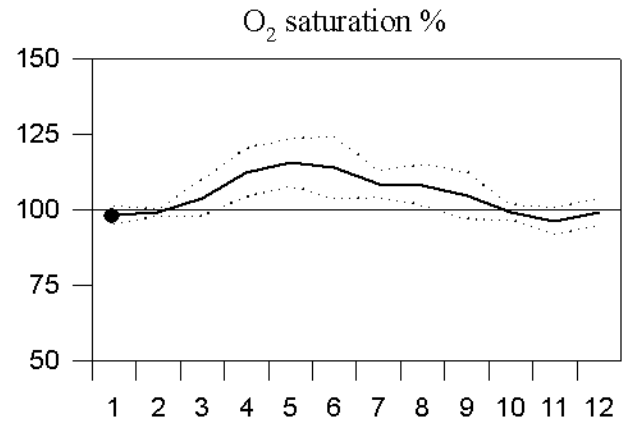
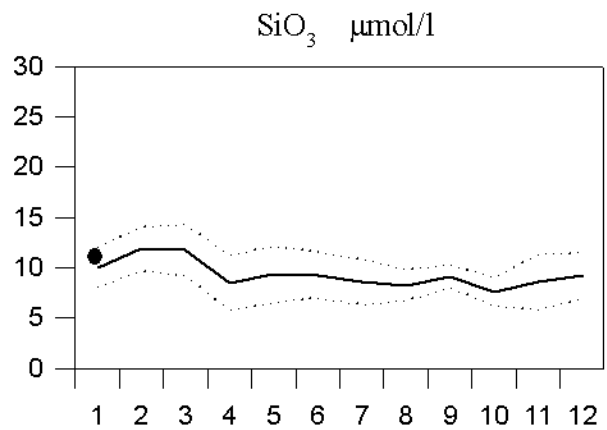
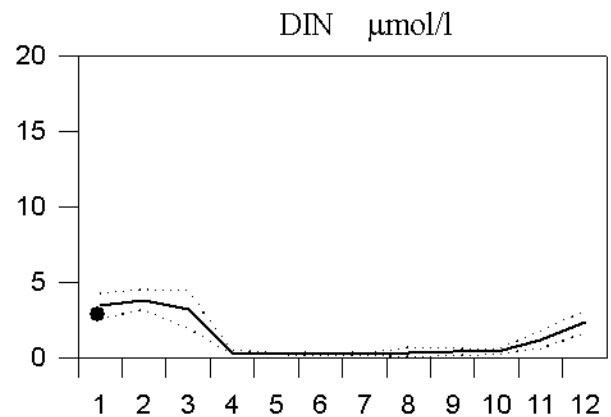
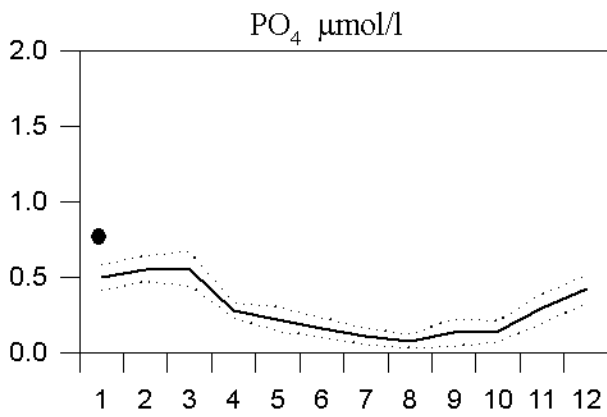
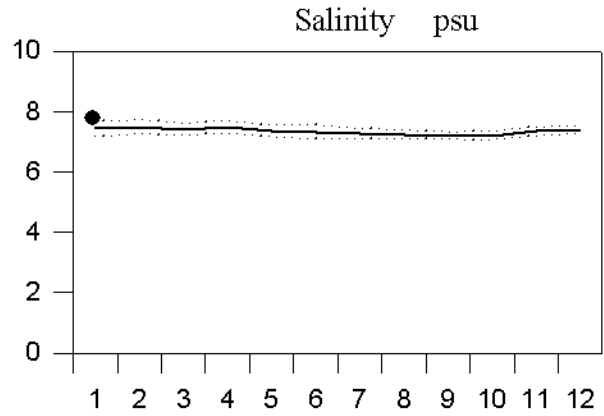
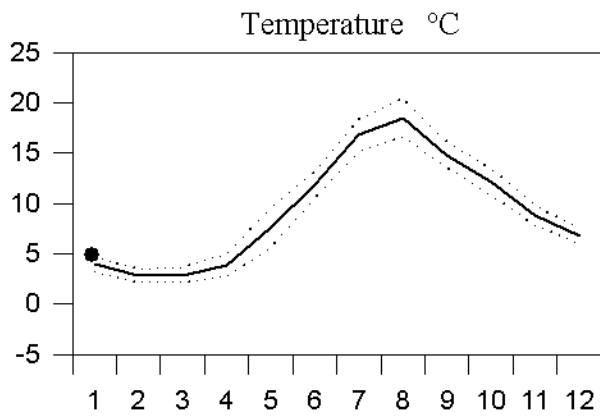
## OXYGEN IN BOTTOM WATER



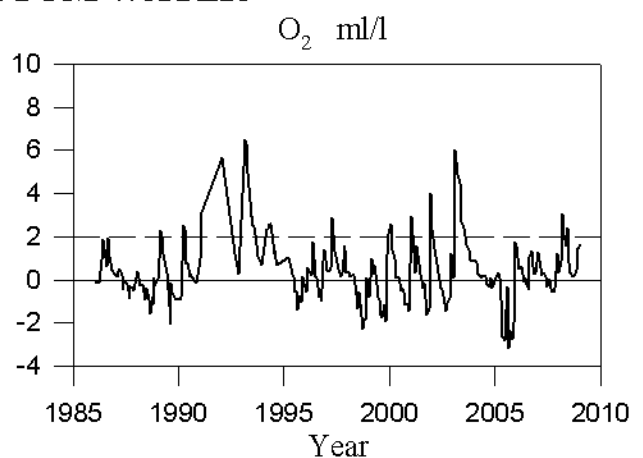
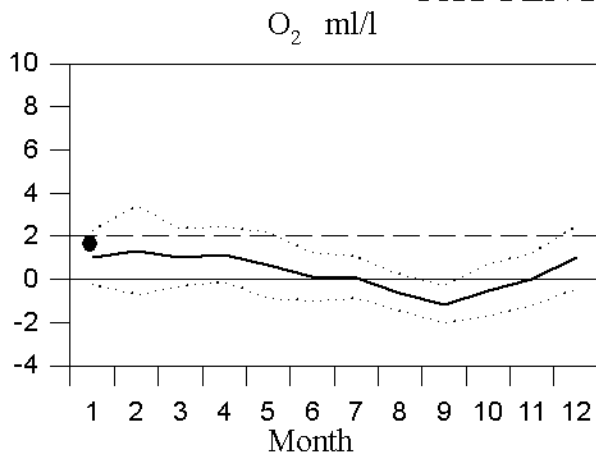
# STATION BY5 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



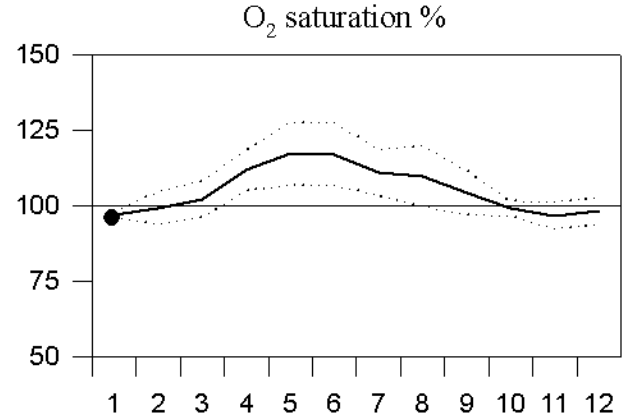
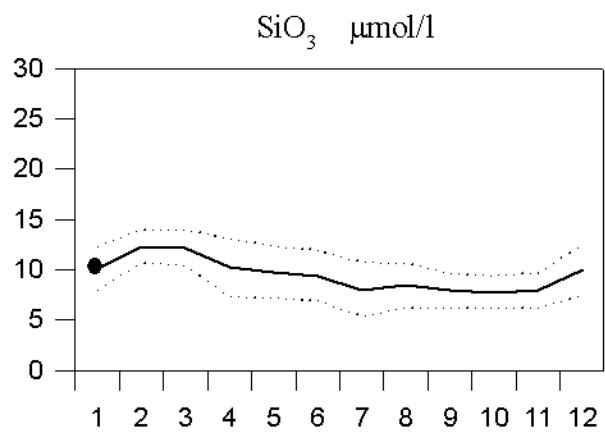
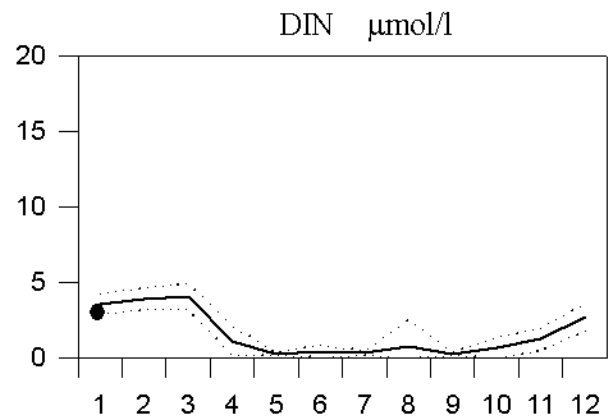
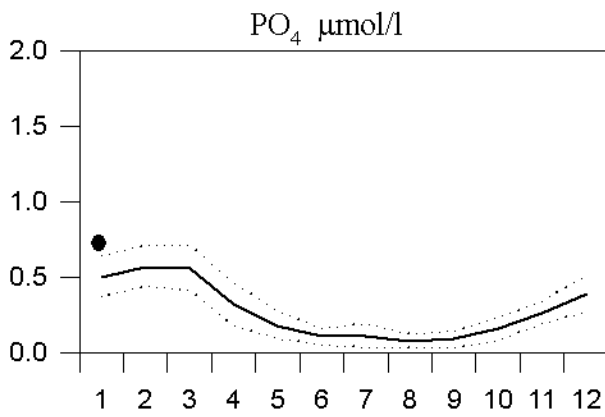
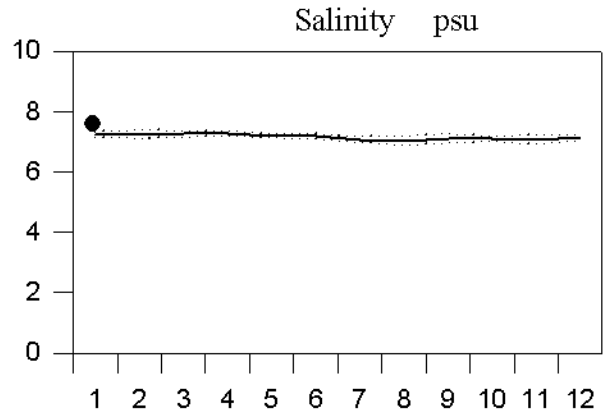
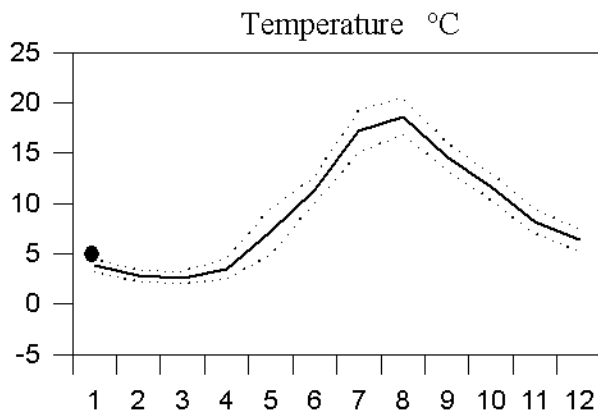
## OXYGEN IN BOTTOM WATER



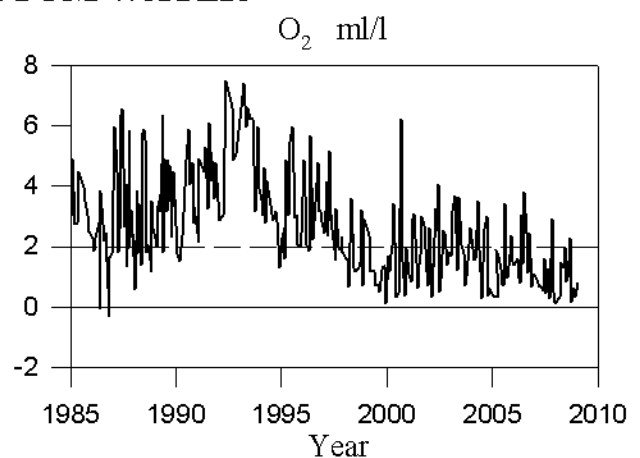
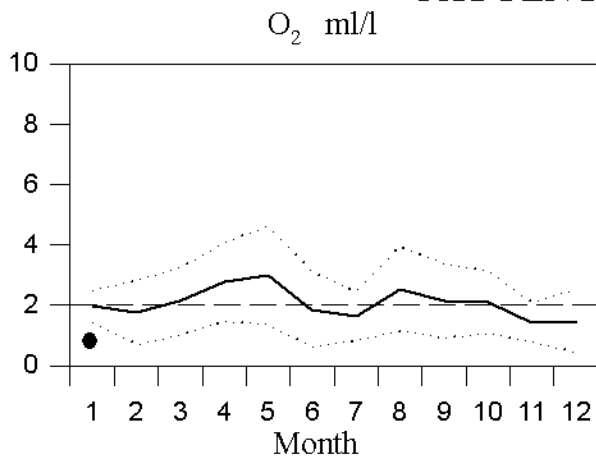
# STATION BCS III-10 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



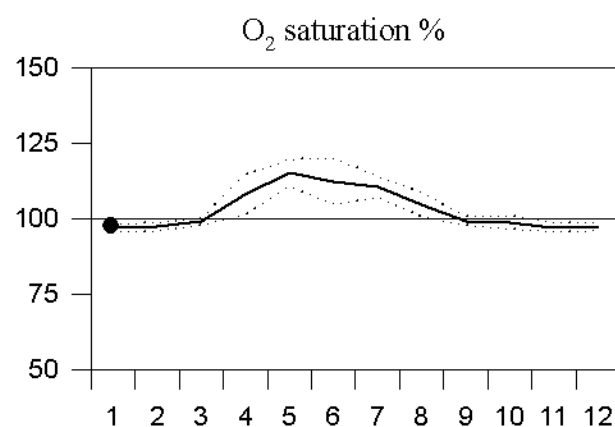
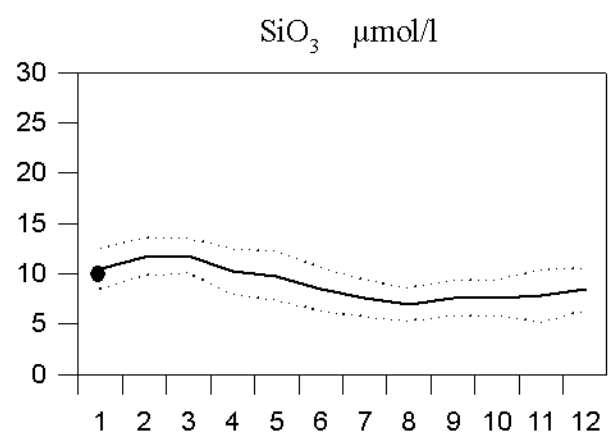
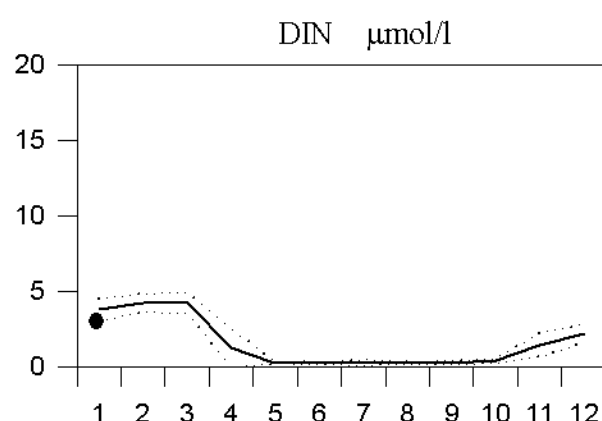
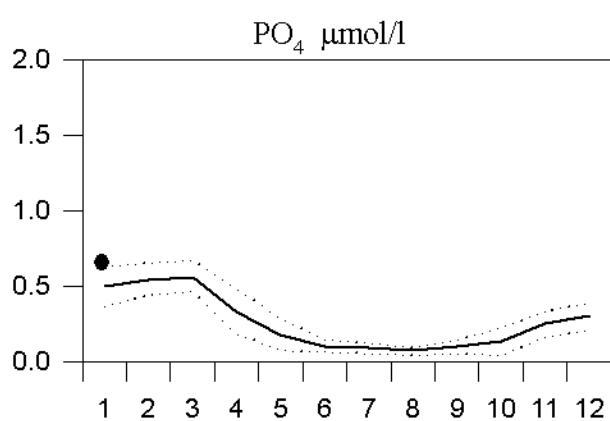
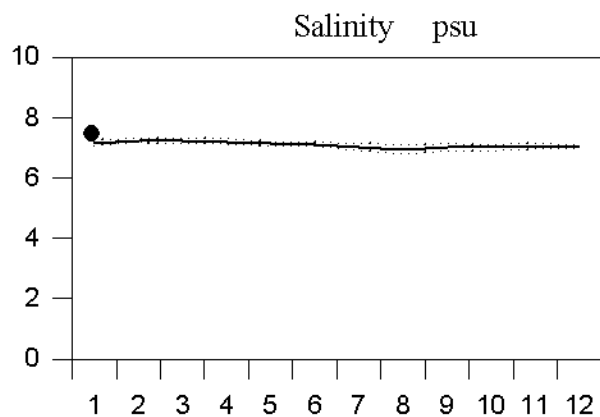
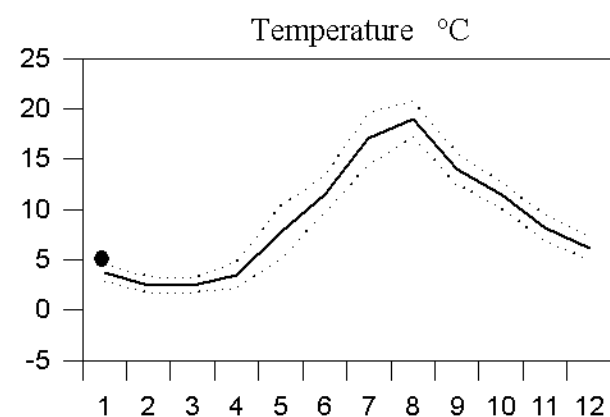
## OXYGEN IN BOTTOM WATER



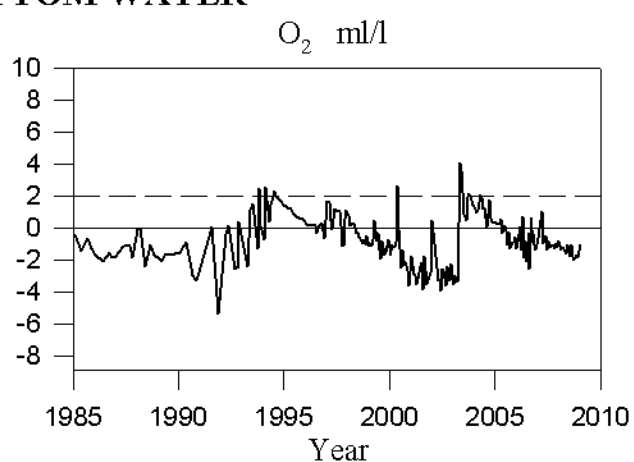
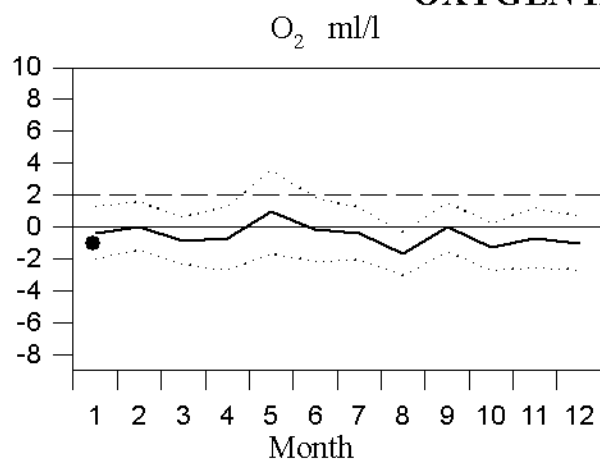
# STATION BY10 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



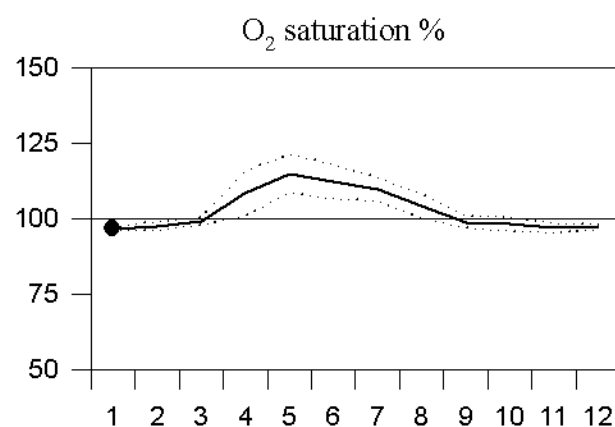
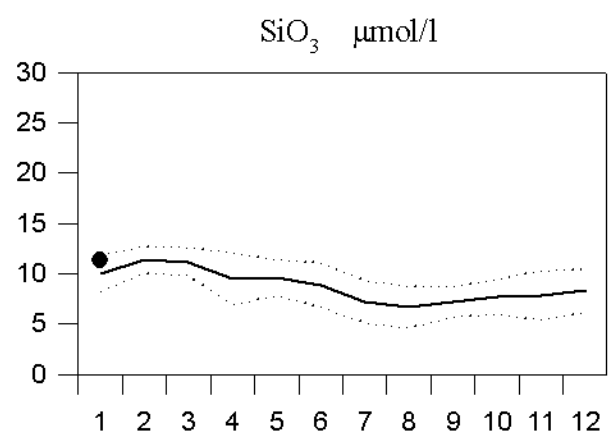
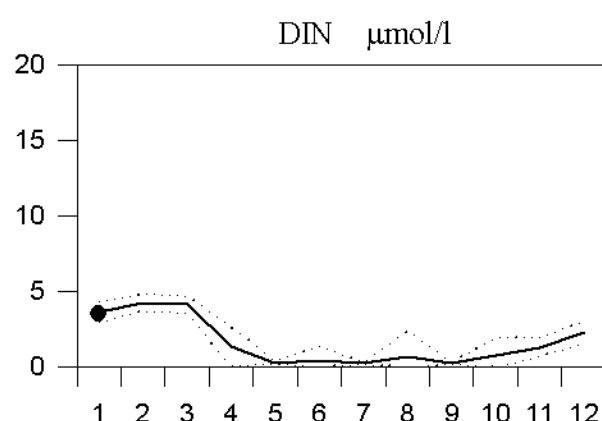
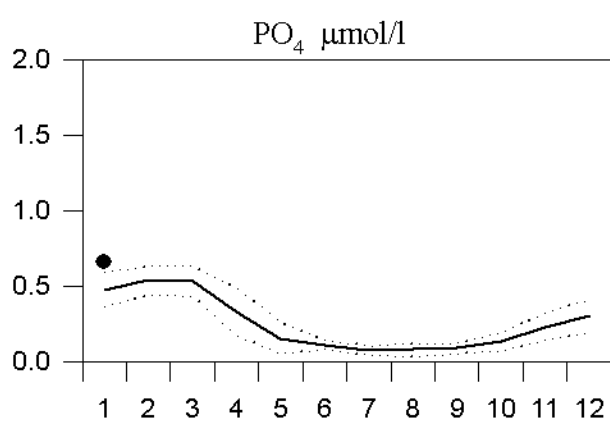
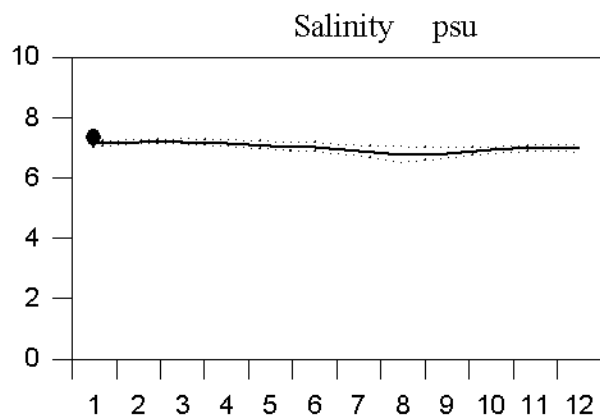
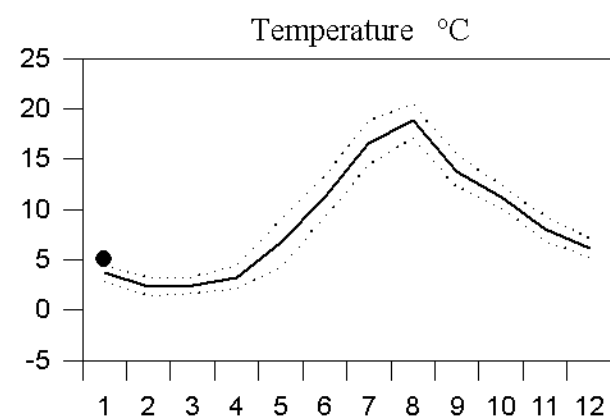
## OXYGEN IN BOTTOM WATER



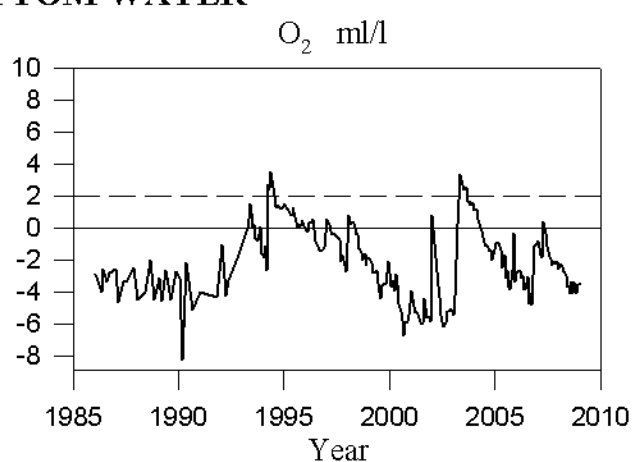
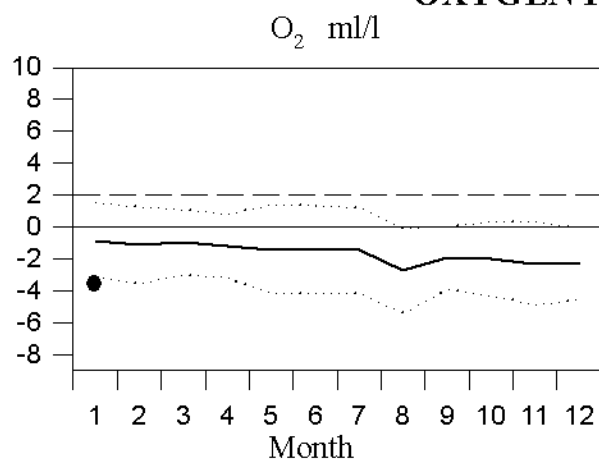
# STATION BY15 SURFACE WATER

## Annual Cycles

— Mean 1995-2000      ..... St.Dev.      ● 2009



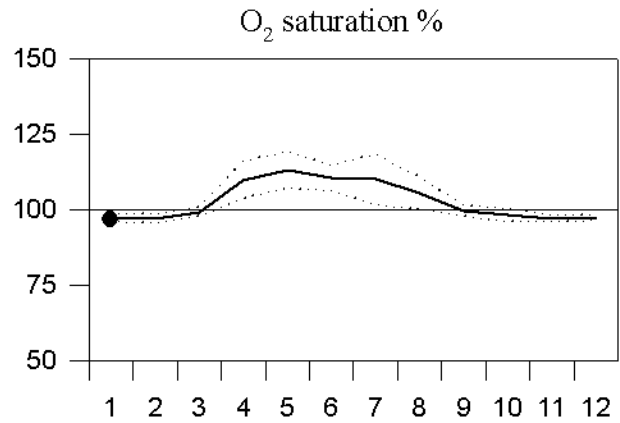
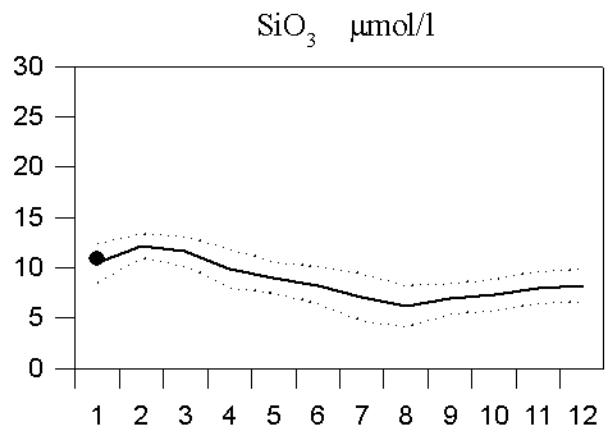
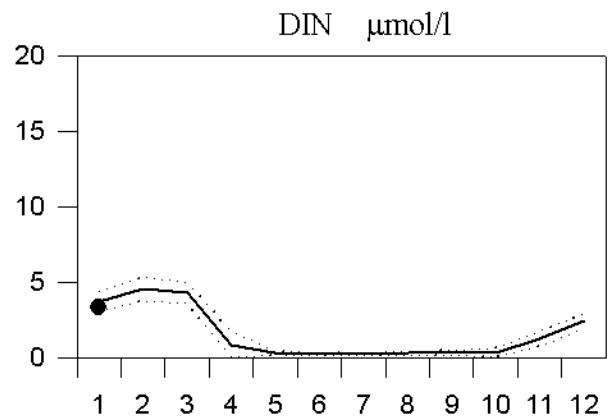
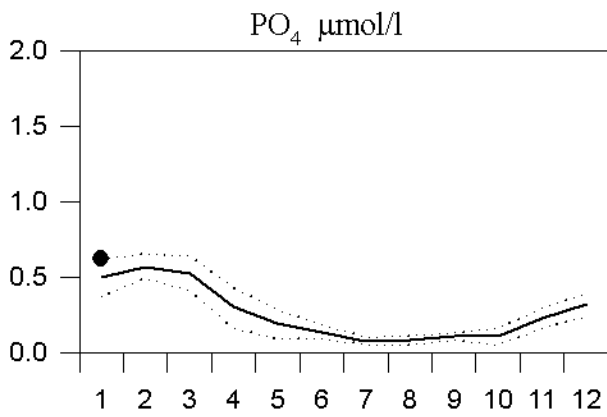
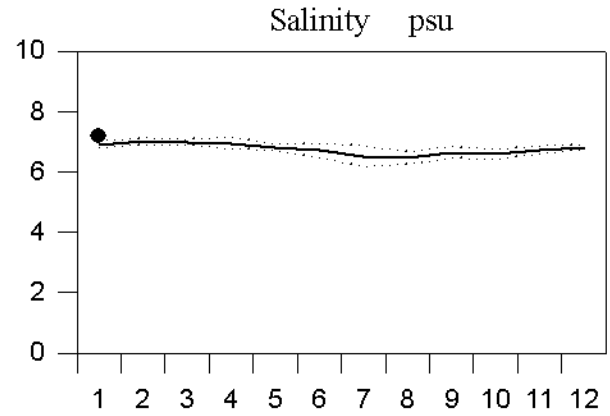
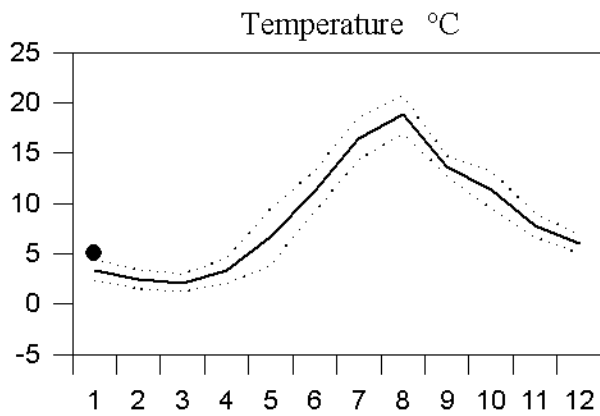
## OXYGEN IN BOTTOM WATER



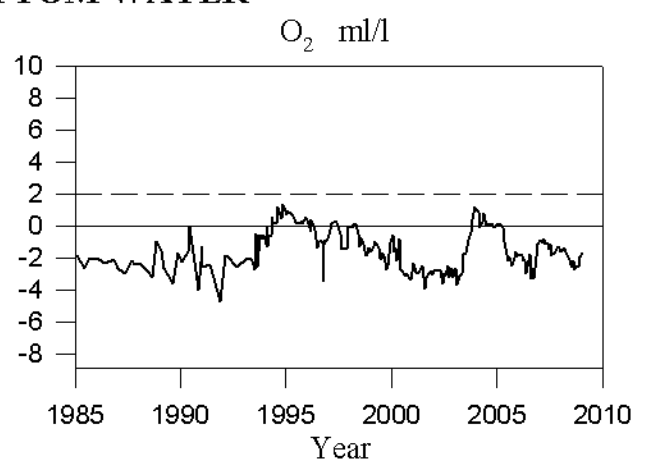
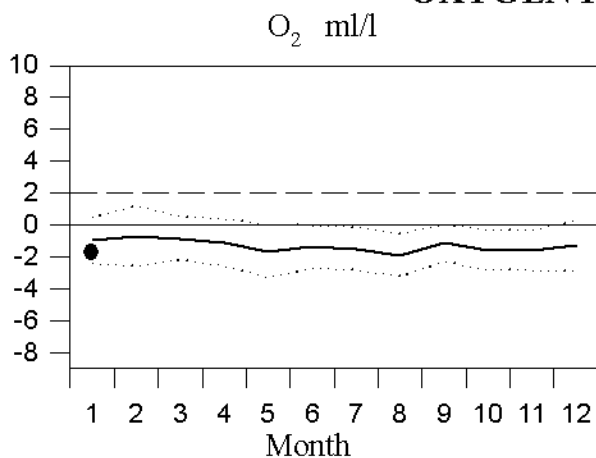
# STATION BY20 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



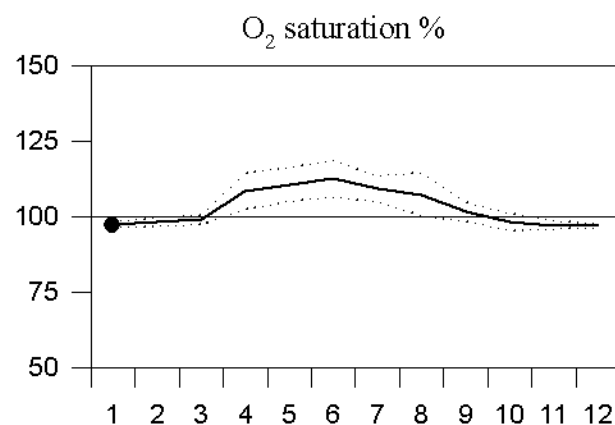
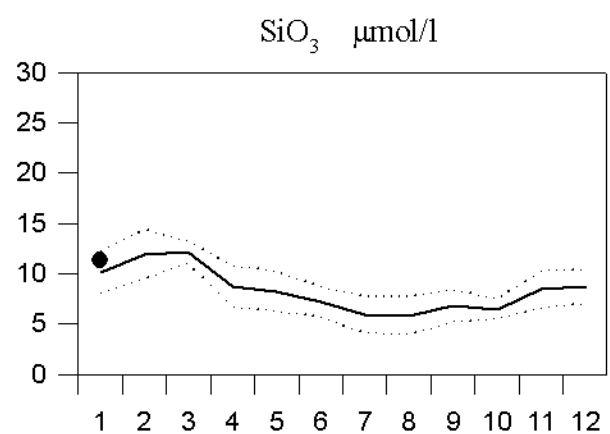
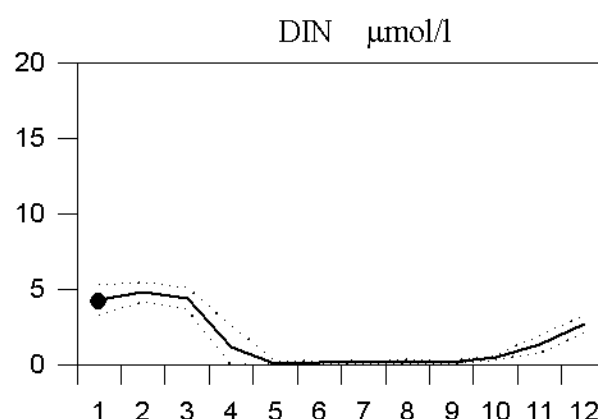
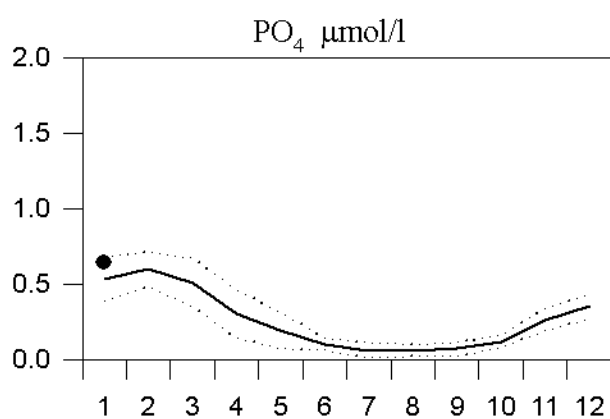
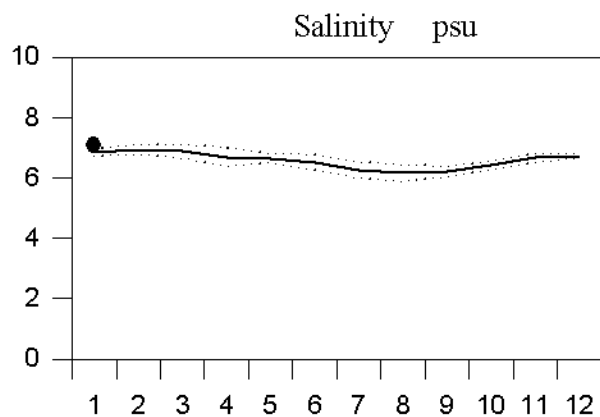
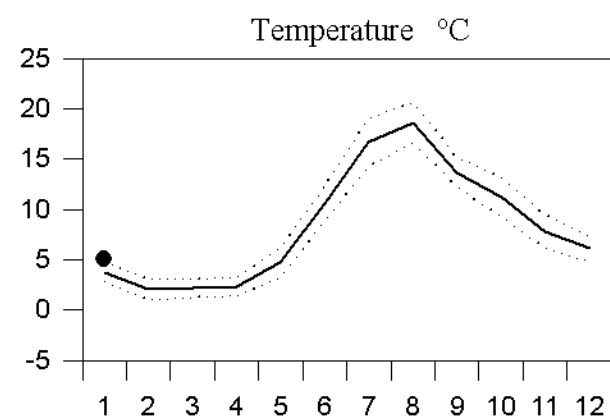
## OXYGEN IN BOTTOM WATER



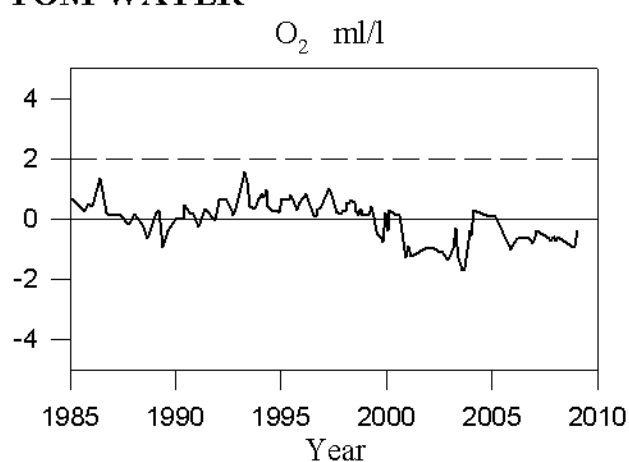
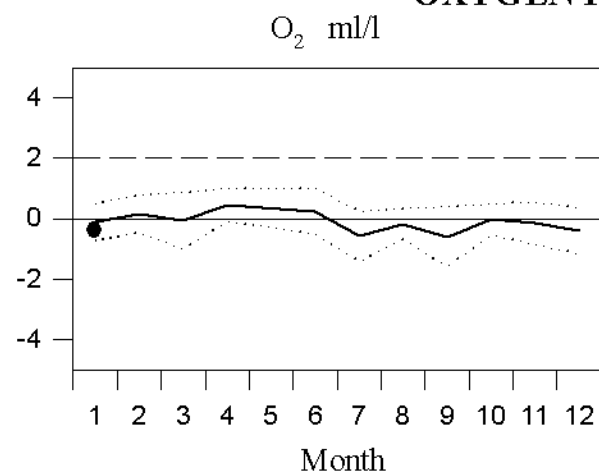
# STATION BY29 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



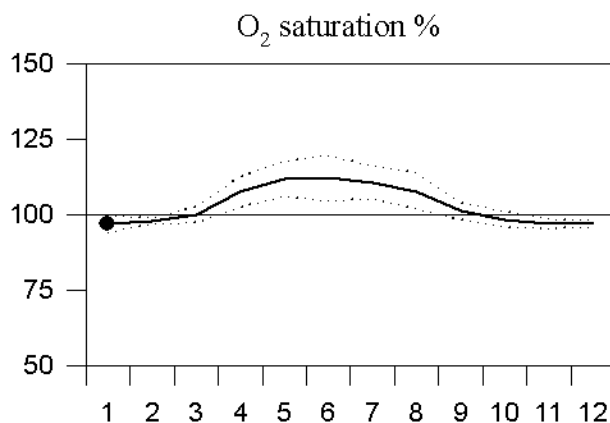
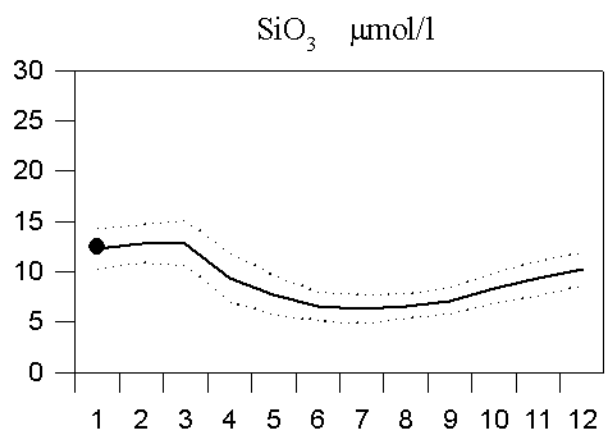
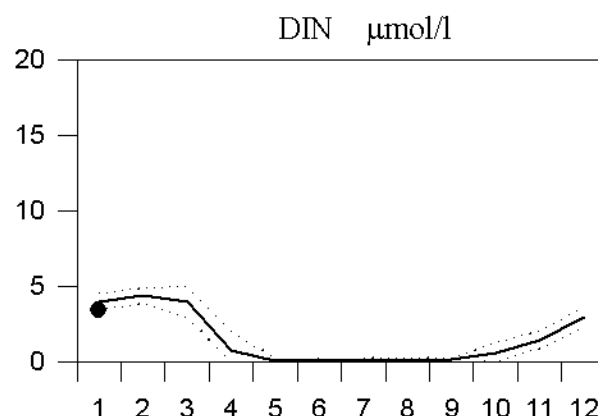
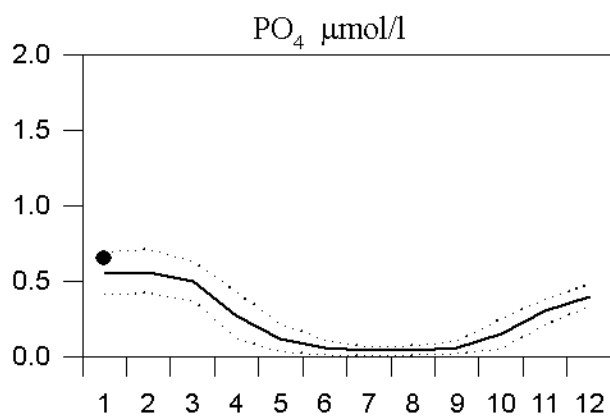
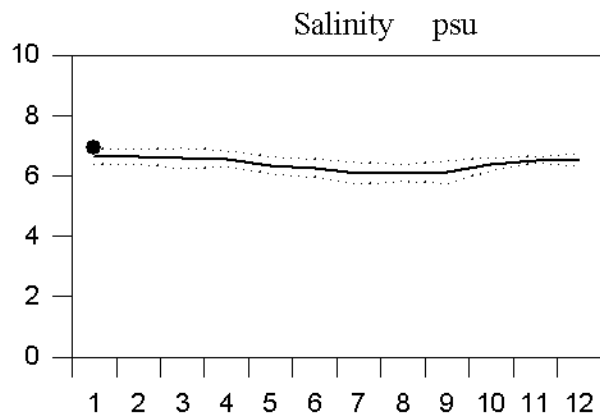
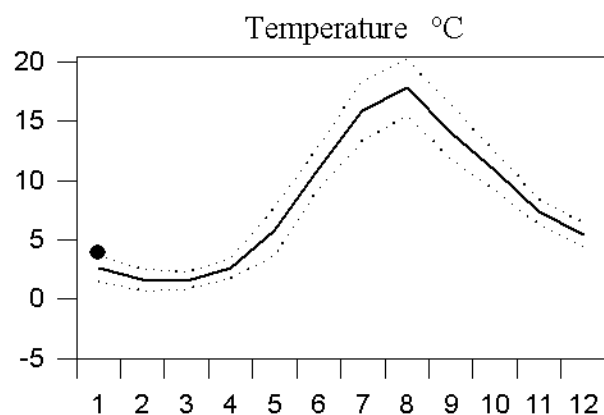
## OXYGEN IN BOTTOM WATER



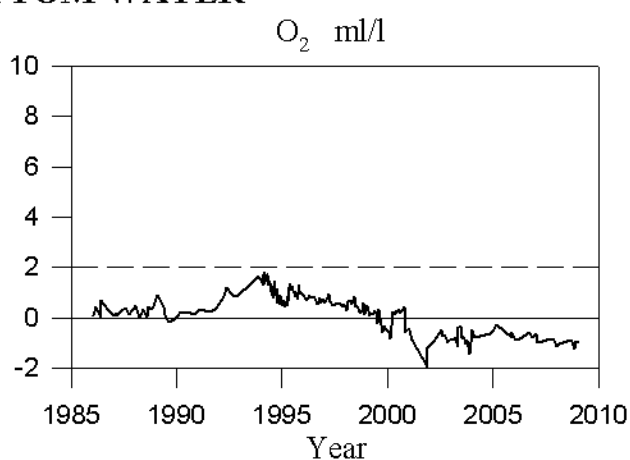
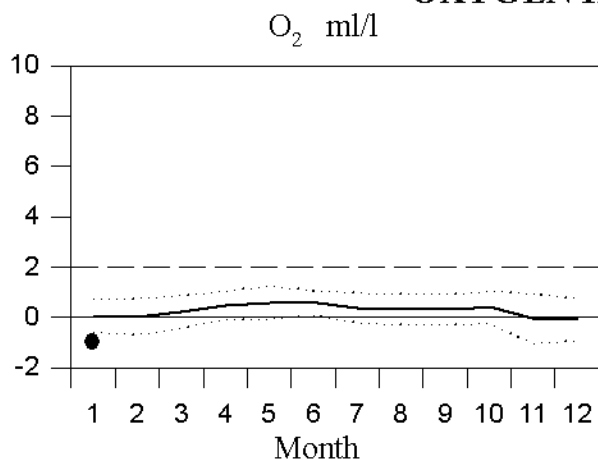
# STATION BY31 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



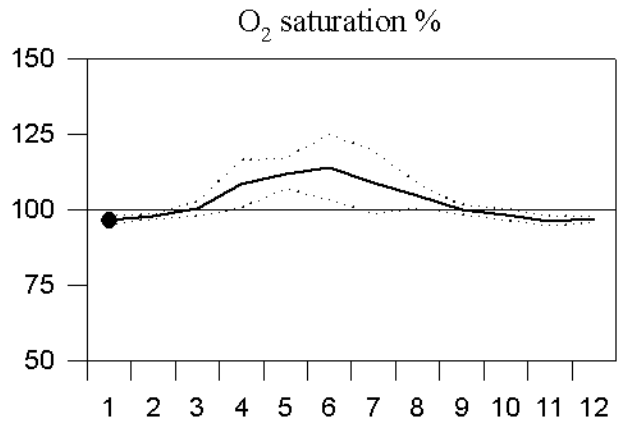
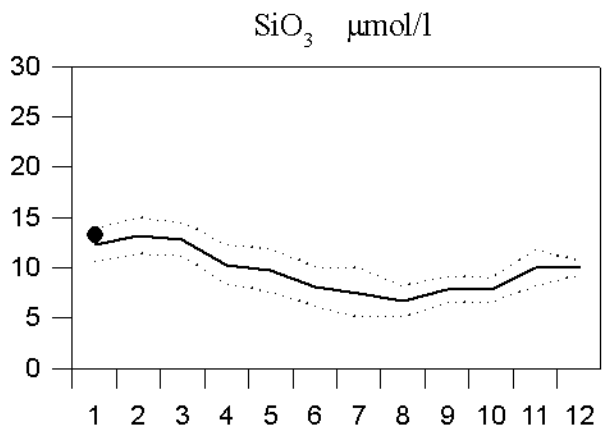
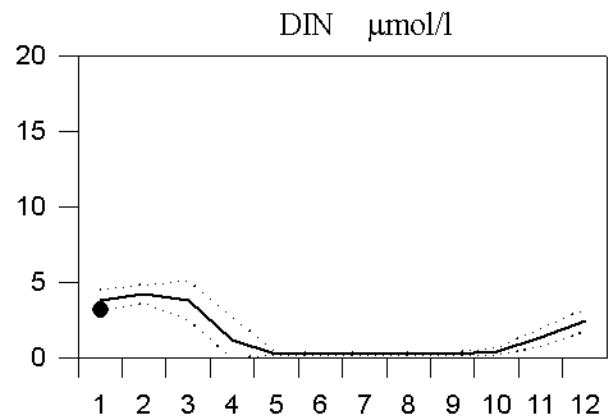
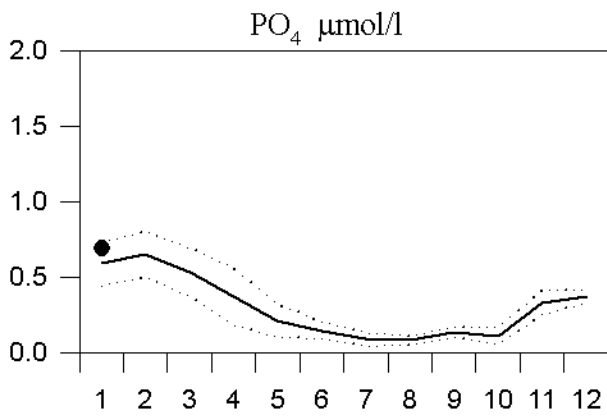
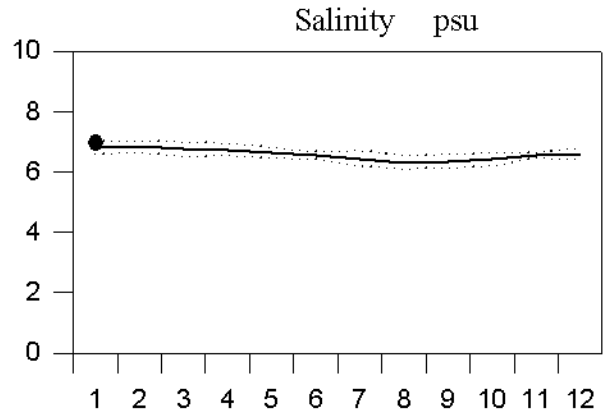
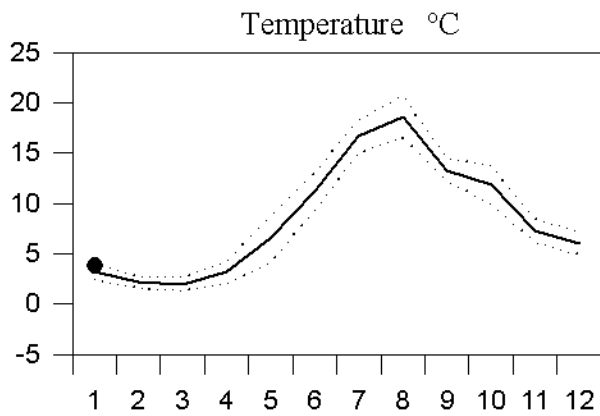
## OXYGEN IN BOTTOM WATER



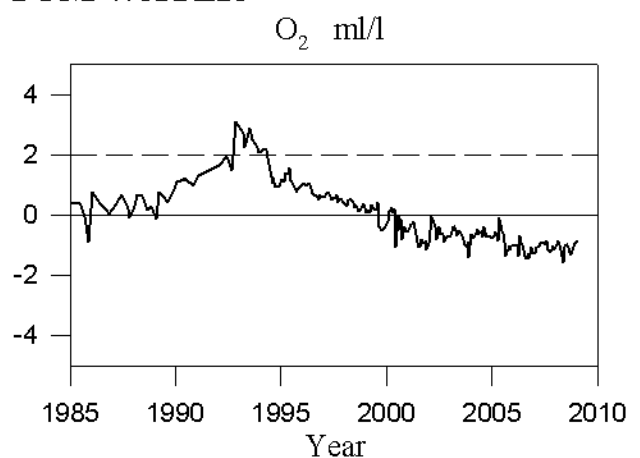
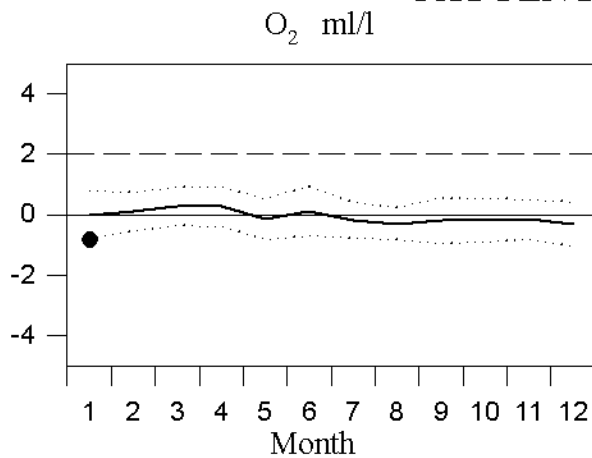
# STATION BY32 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



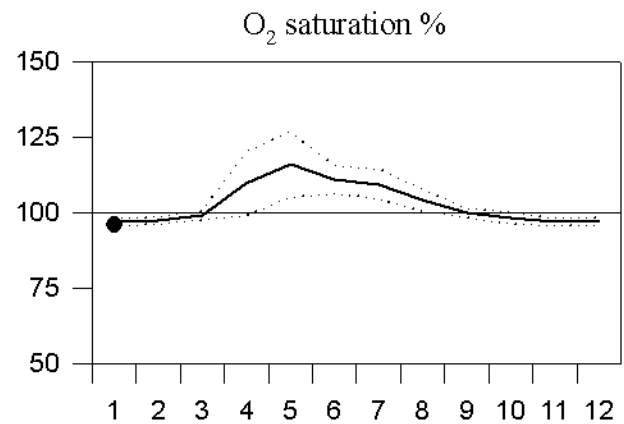
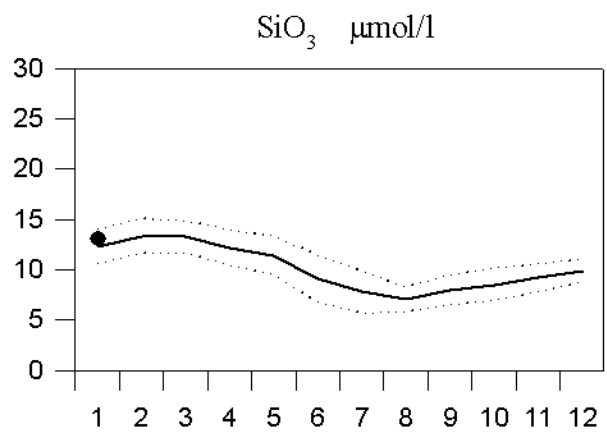
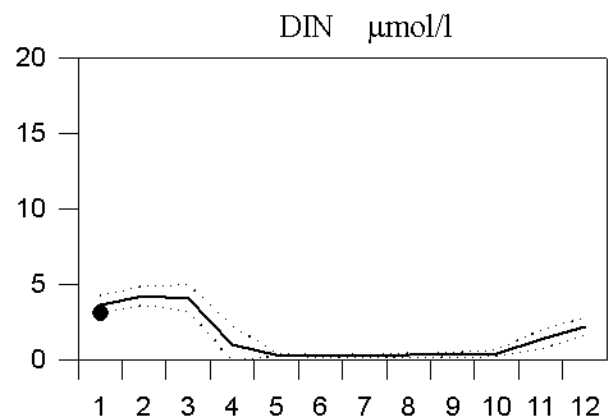
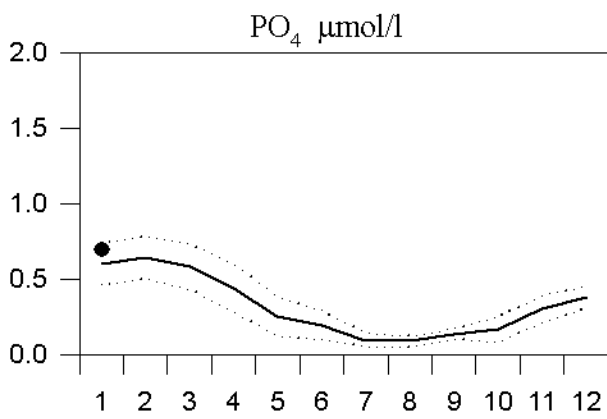
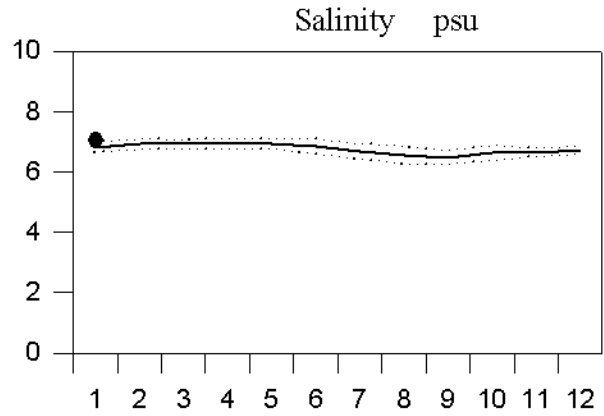
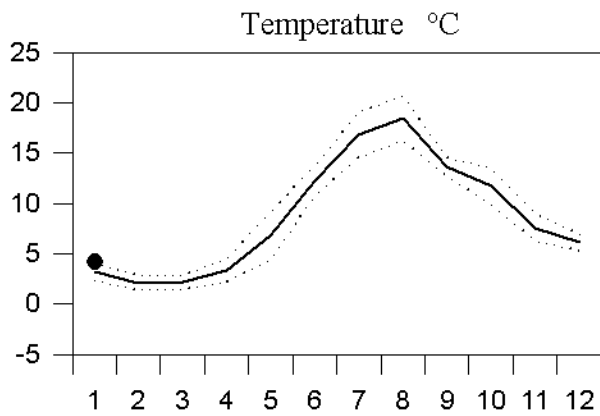
## OXYGEN IN BOTTOM WATER



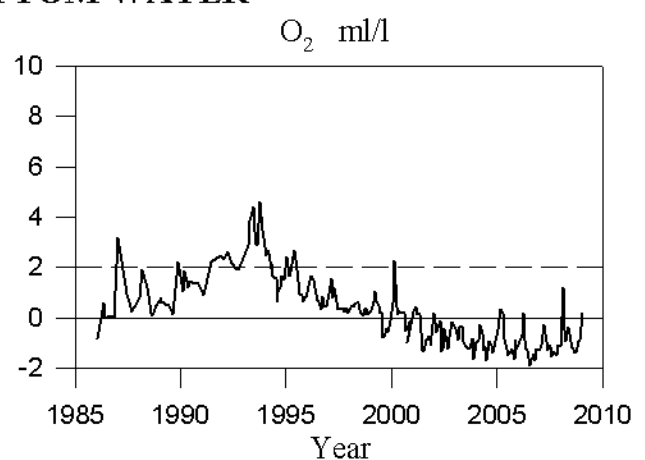
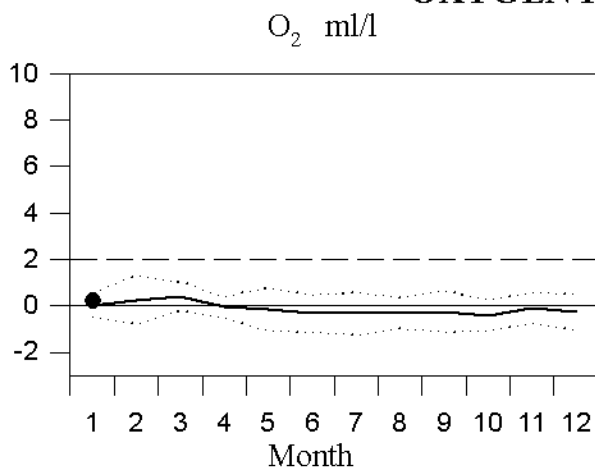
# STATION BY38 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



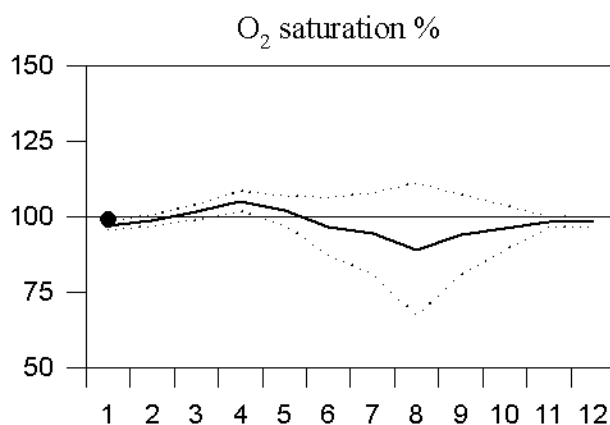
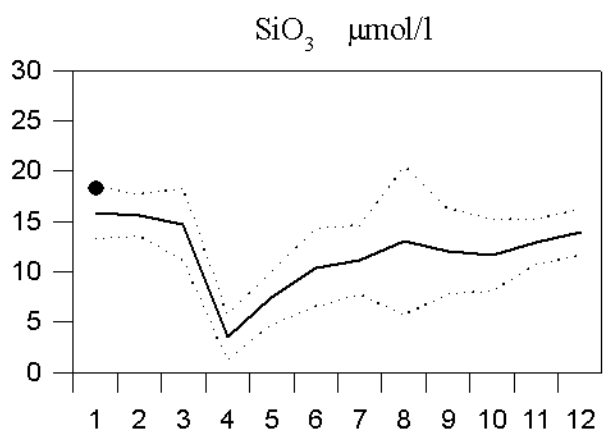
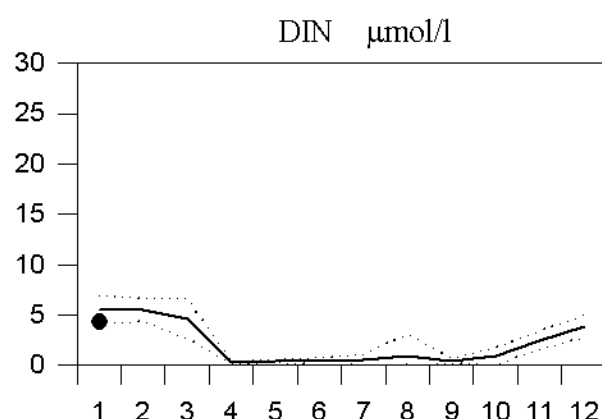
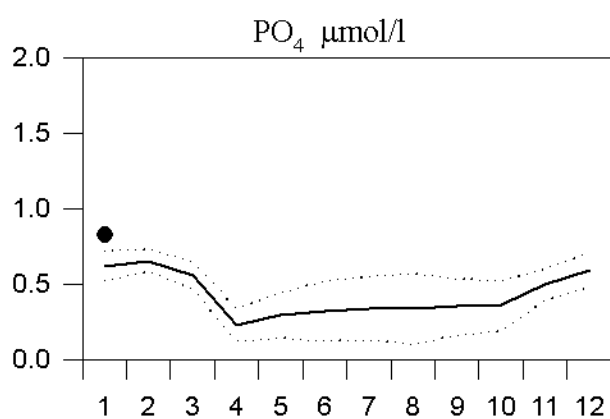
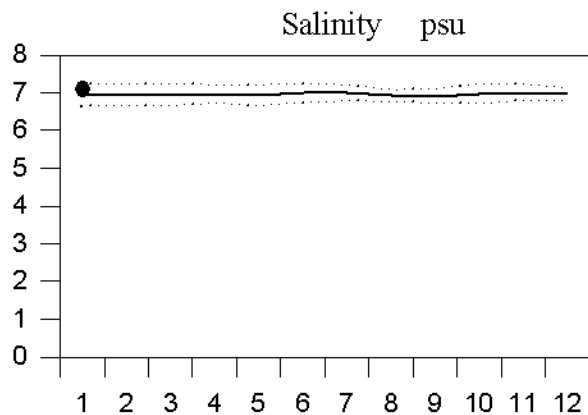
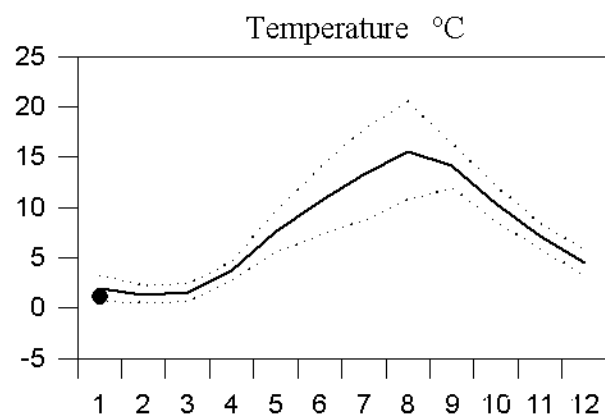
## OXYGEN IN BOTTOM WATER



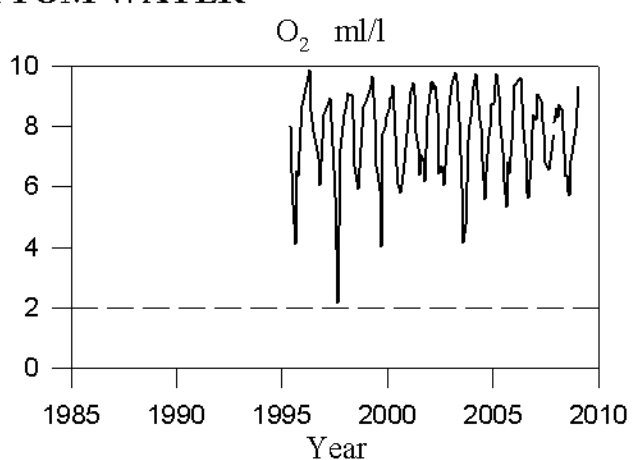
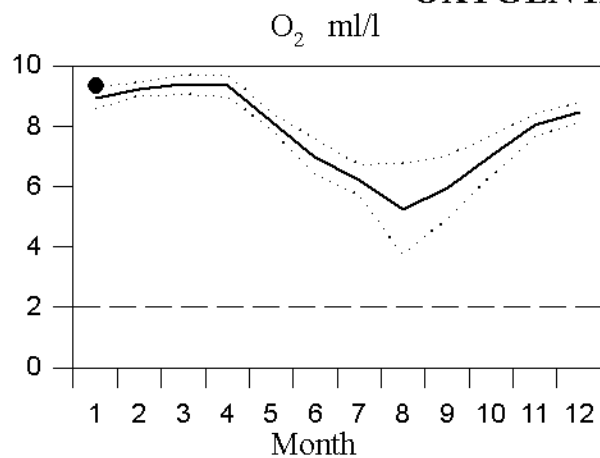
# STATION REF M1V1 SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009



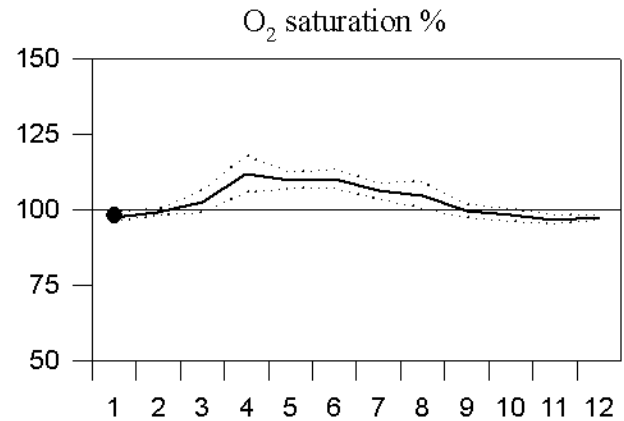
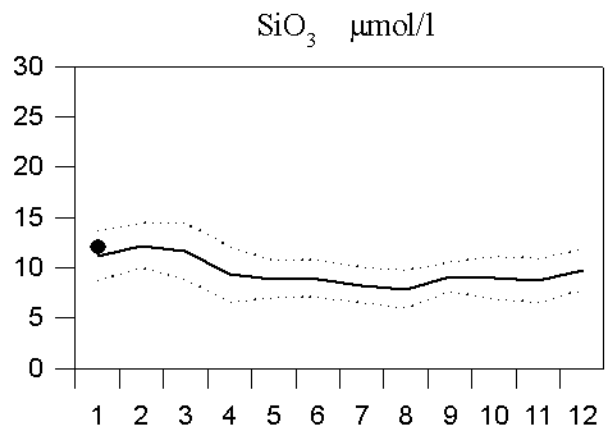
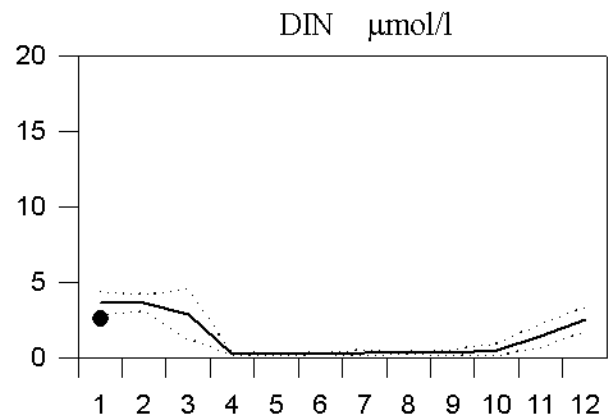
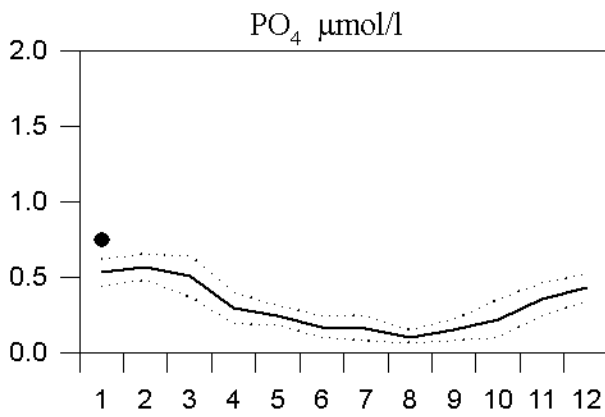
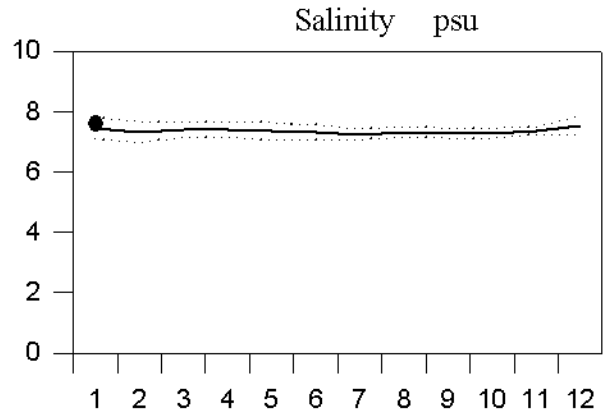
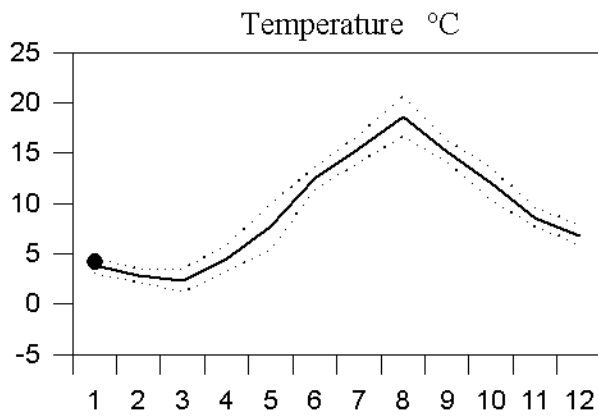
## OXYGEN IN BOTTOM WATER



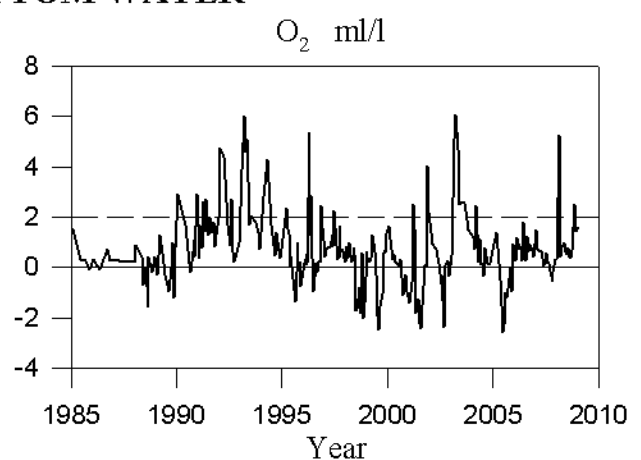
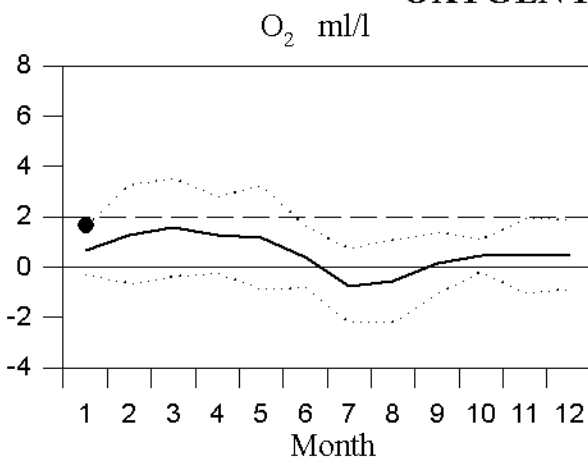
# STATION HANÖBUKTEN SURFACE WATER

## Annual Cycles

— Mean 1995-2004      ..... St.Dev.      ● 2009

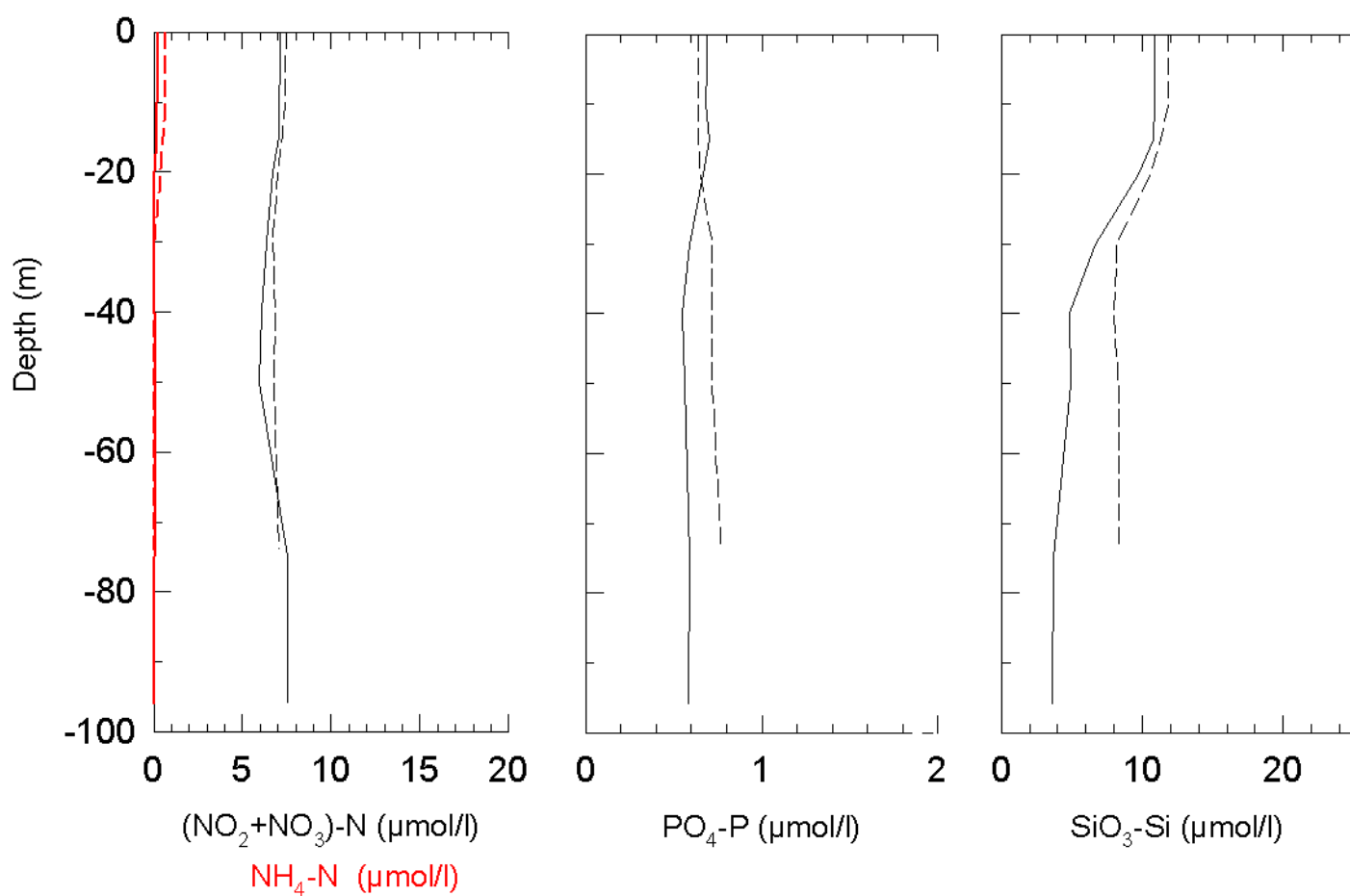
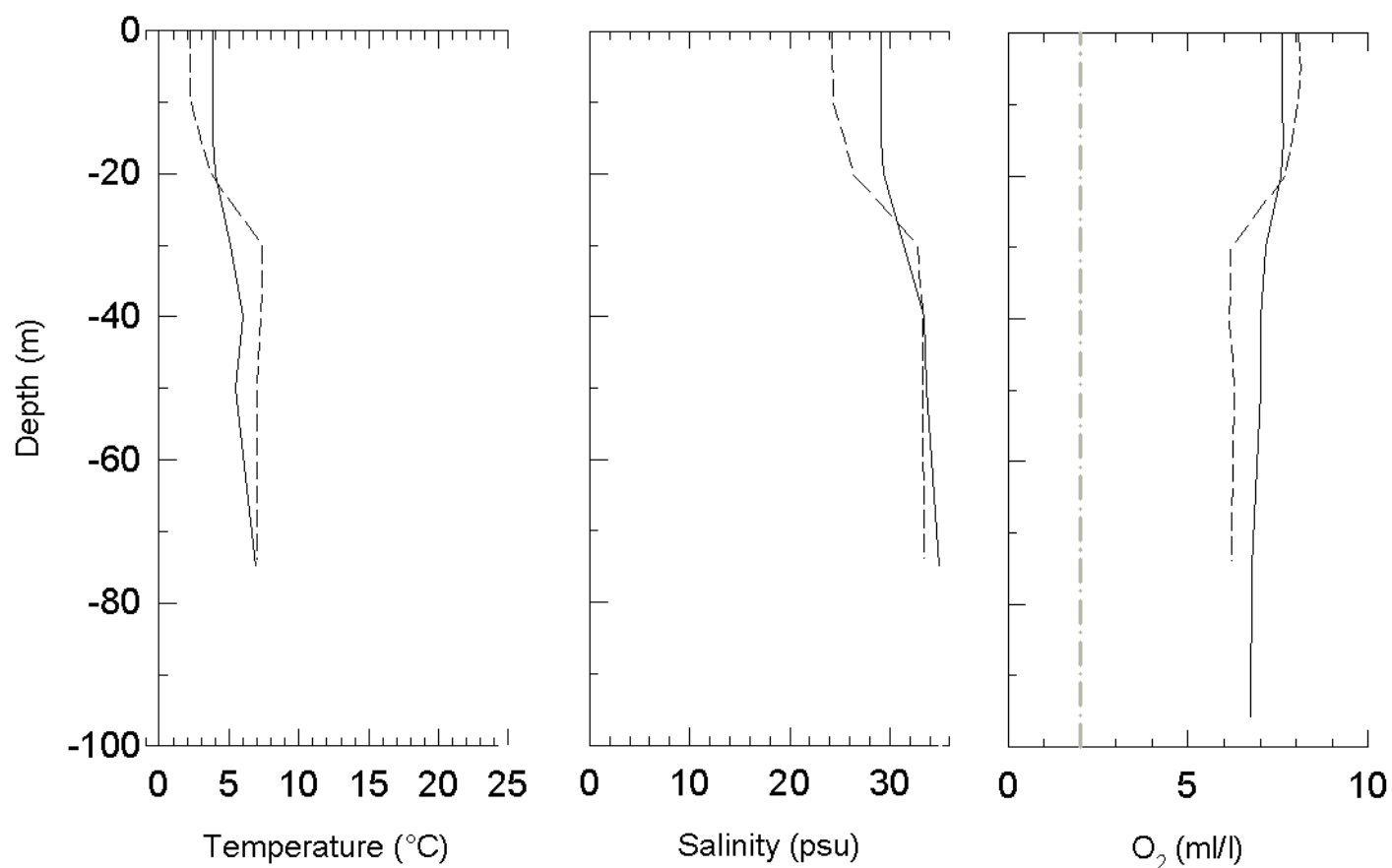


## OXYGEN IN BOTTOM WATER



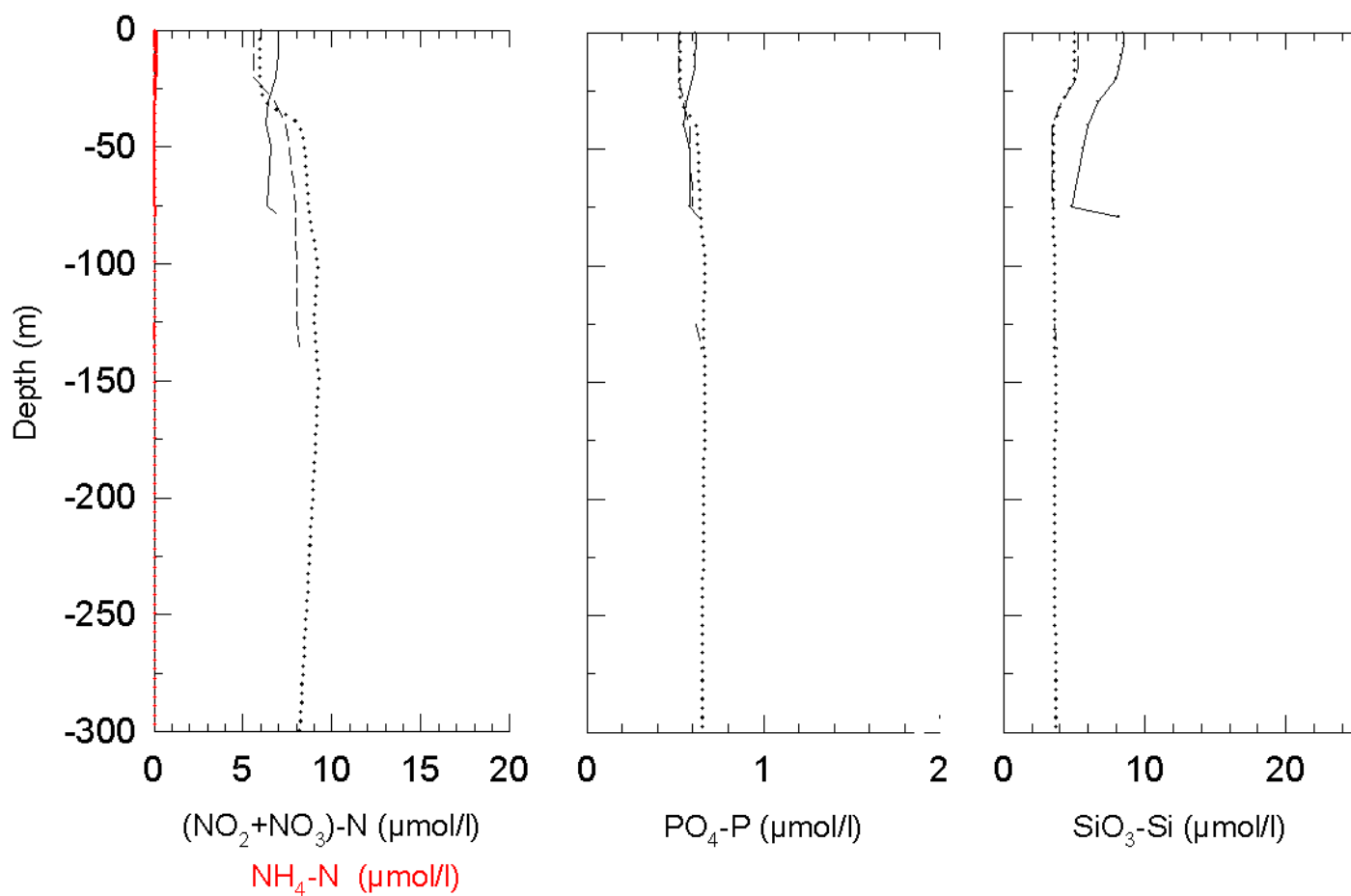
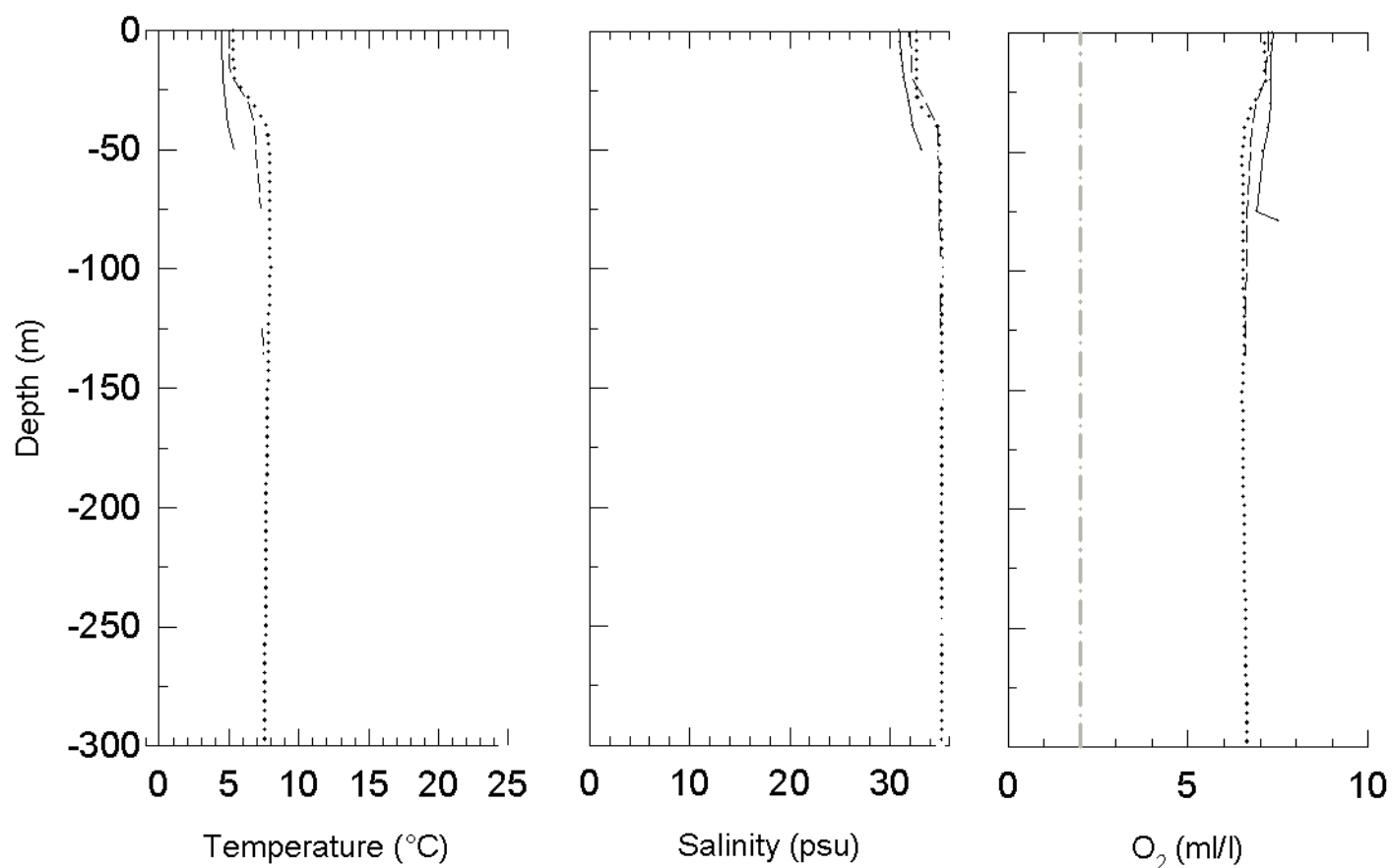
# SKAGERRAK Coast 20090118

———— P2      - - - - - Släggö

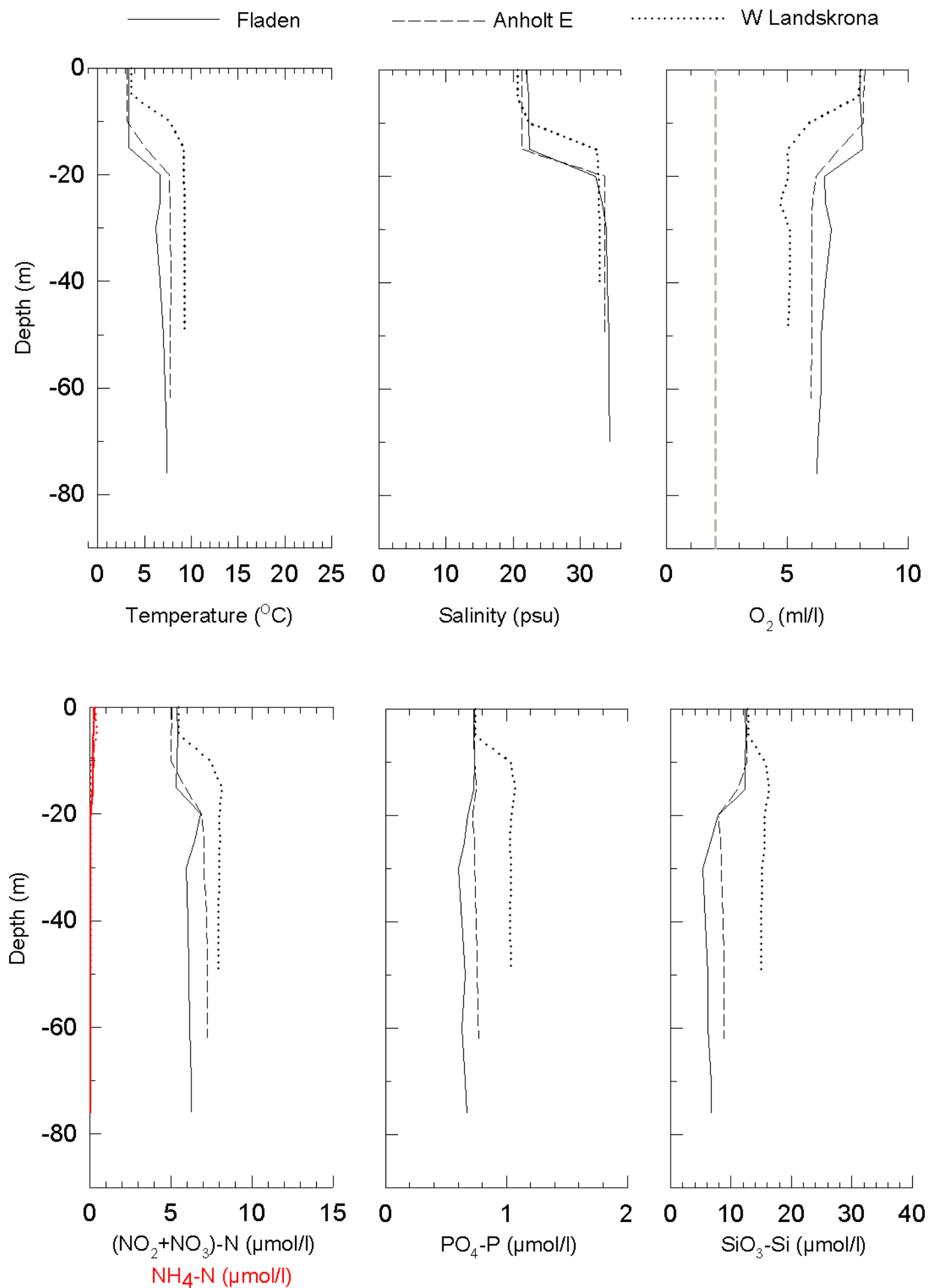


# SKAGERRAK Å-Section 20090118

—— Å13      - - - - - Å15      ..... Å17

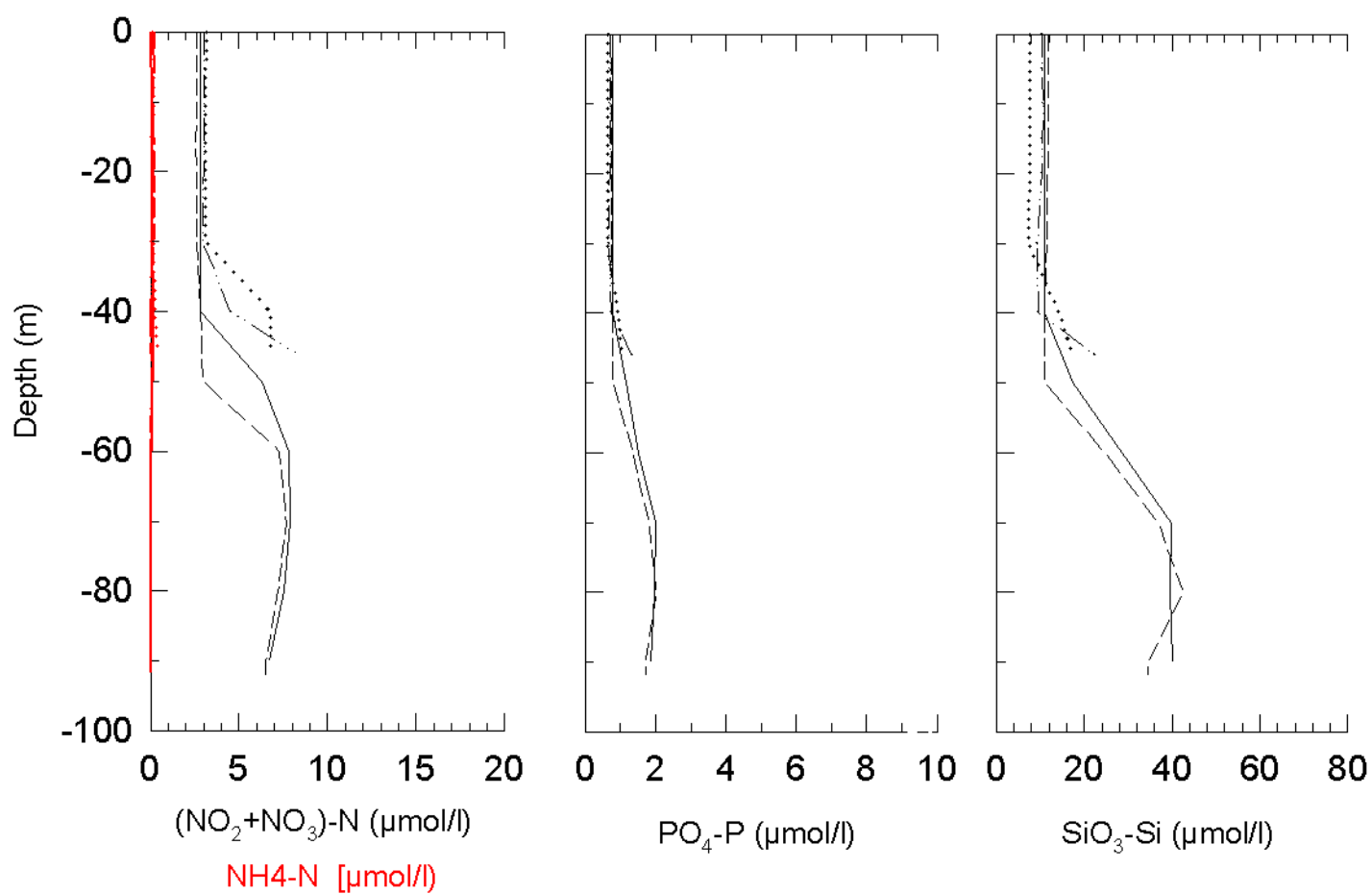
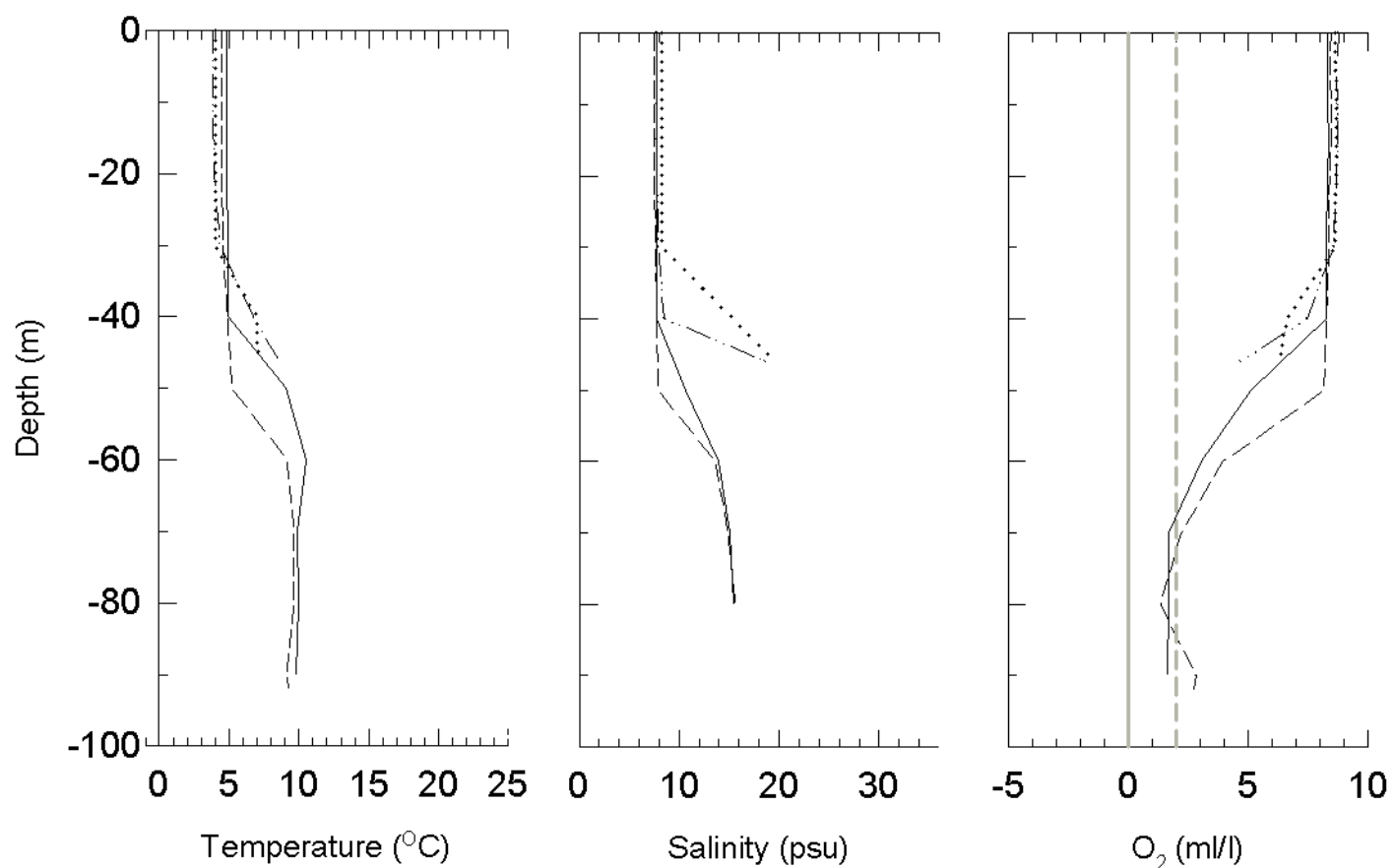


# KATTEGAT and THE SOUND 20090113-20090117



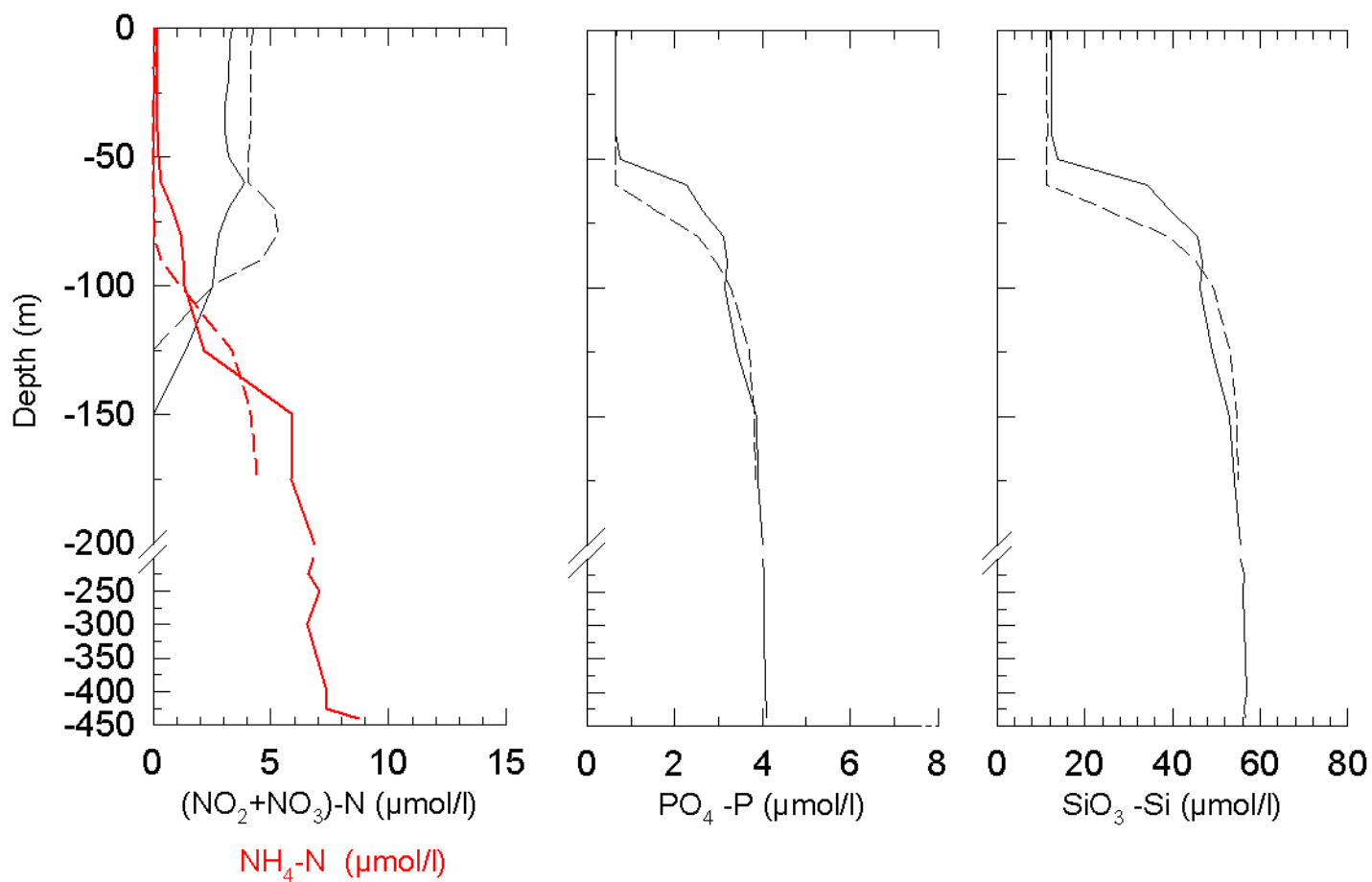
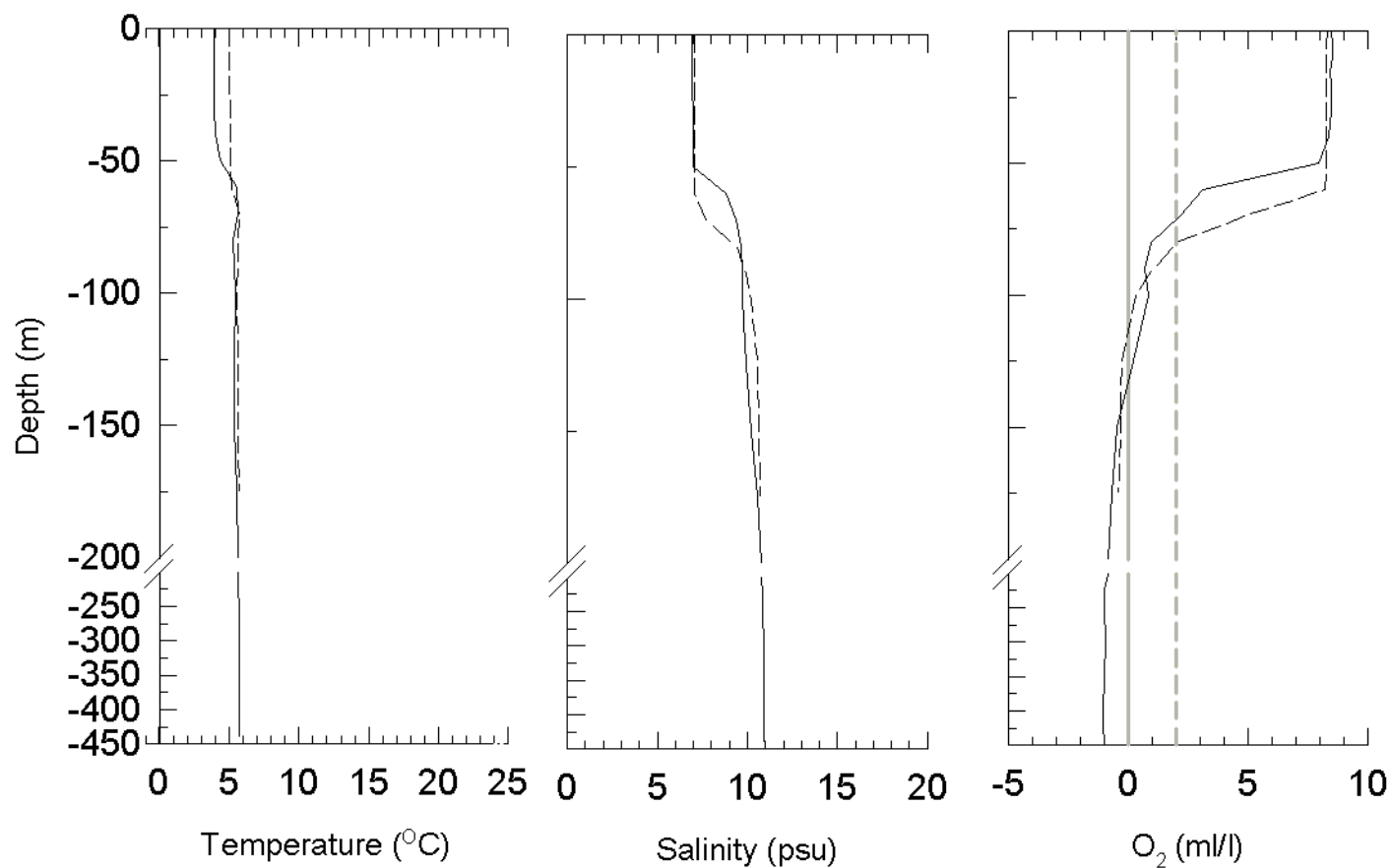
# SOUTHERN BALTIC 20090113-20090114

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



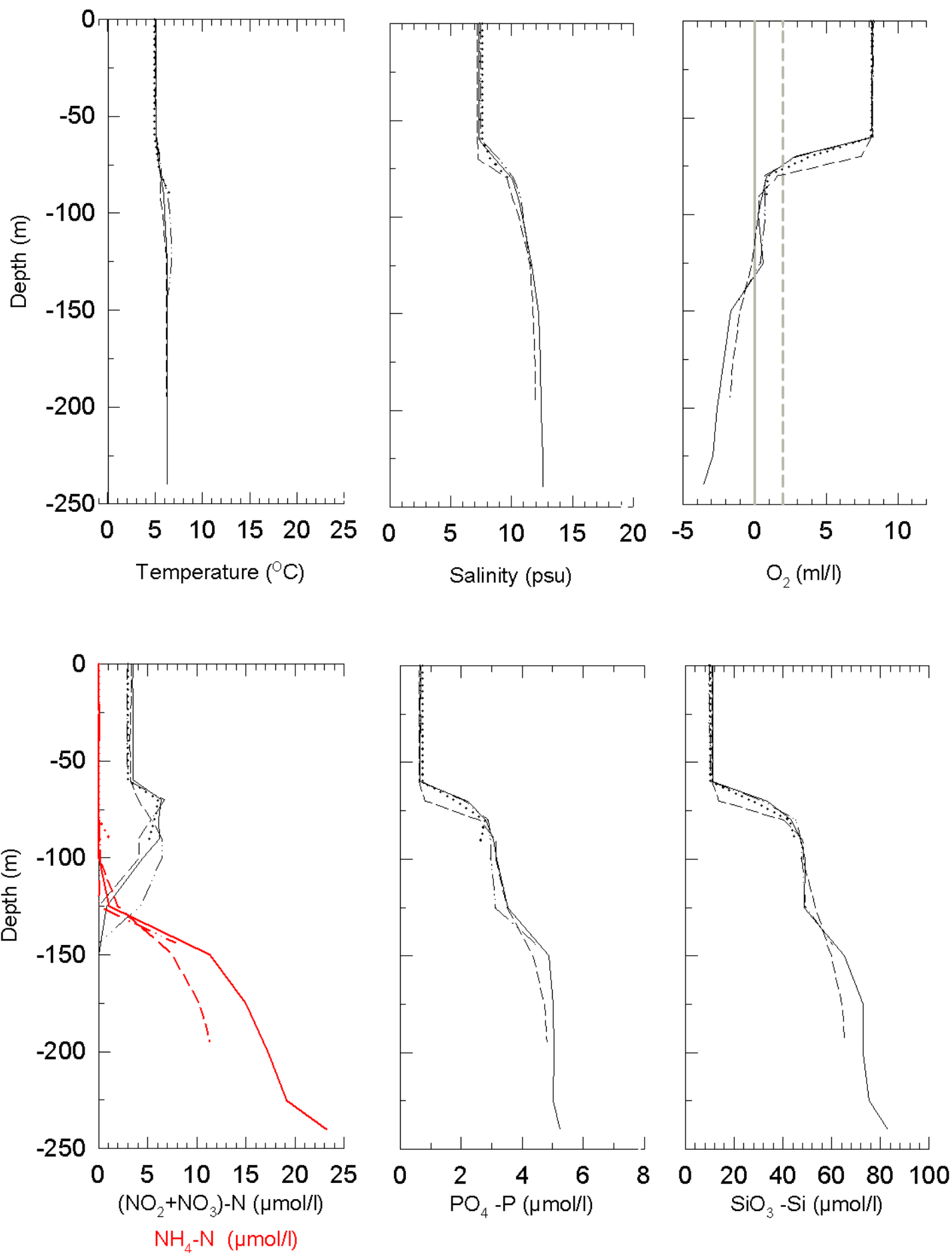
# NORTHERN BALTIC 20090115

----- BY29      ——— BY31



# EASTERN BALTIC 20090114-20090115

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



# WESTERN BALTIC 20090116

———— BY32      - - - - - BY38

