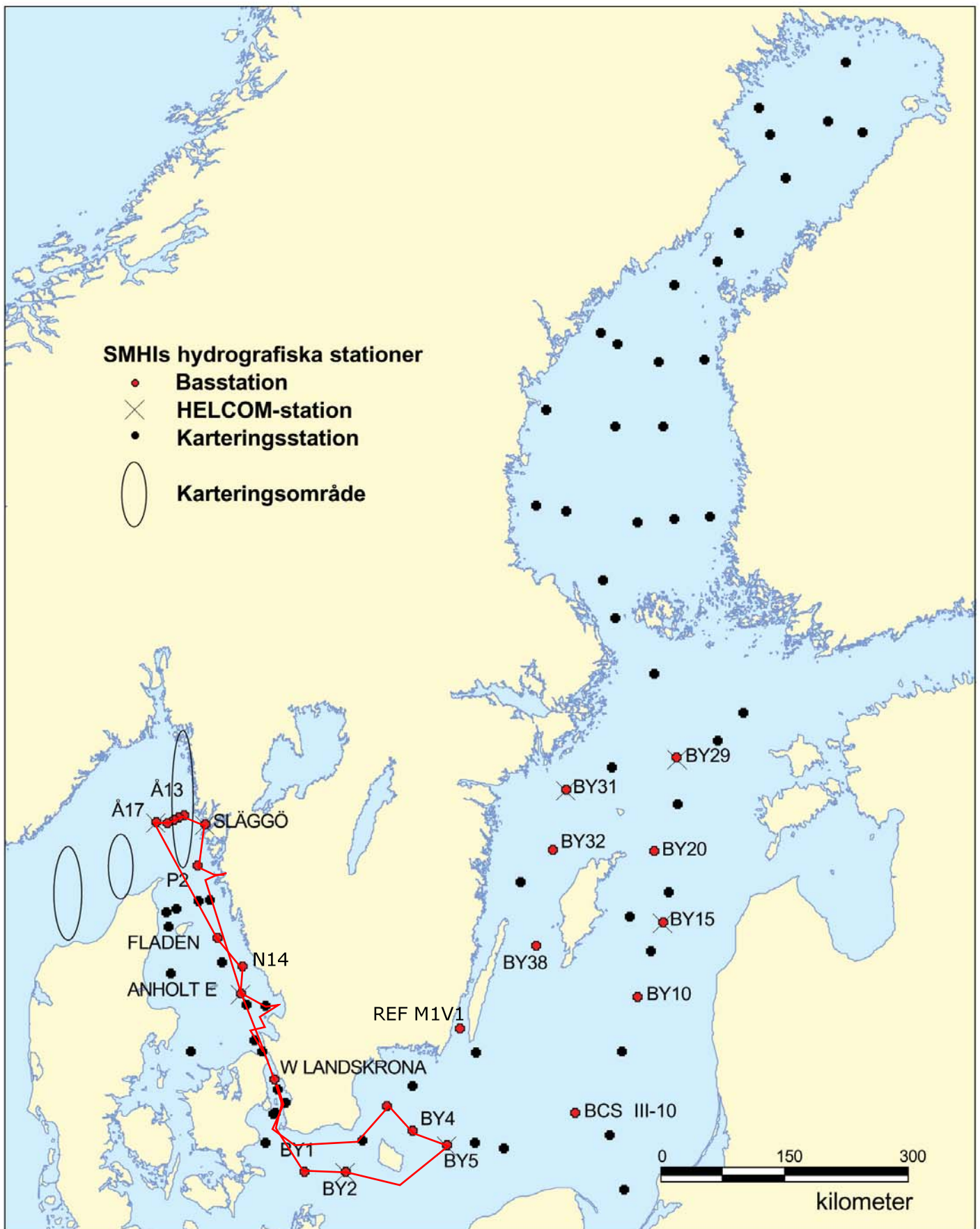


# TRACKCHART

Country: Sweden  
 Ship: KBV 001 POSEIDON  
 Date: 20131122-20131126  
 Series: 0170-0188



Date: 2013-11-26  
Time: 11:29

| 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<br>temp<br>C | Air<br>pres<br>hPa | WCSI<br>elec<br>t<br>ml<br>aoae<br>hd | C<br>PPCPZT<br>Hrhhoo<br>Cilyyoo<br>motPBw<br>PrP l | No<br>de | T<br>e a l<br>p i n | S<br>h y g | P<br>O 2<br>y S | H<br>2<br>t 4 | P<br>O o<br>t 2 | T<br>N o<br>P P | N<br>N o<br>N N | N<br>N o<br>N N | A<br>S h o l i<br>t k o m<br>N a 3 | S<br>H u i o<br>l u n g<br>3 u n | L<br>P o o<br>o o<br>N C | P<br>T C<br>C m | T<br>C<br>o o |   |   |
|--------|-----------|------------------|--------------|----------|----------|------------------|---------------------|----------------------|----------------------|---------------|------------------|--------------------|---------------------------------------|-----------------------------------------------------|----------|---------------------|------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|------------------------------------|----------------------------------|--------------------------|-----------------|---------------|---|---|
| 0170   | SKEK23BAS | P2               |              | N5752    | E1118    | 20131122         | 1230                | 94                   | 7                    | 02 6          | 1.9              | 1007               | 1120                                  | x --x----                                           | 10       | x                   | x          | -               | x             | -               | x               | x               | x               | -                                  | x                                | -                        | -               | -             | - | x |
| 0171   | FIBG27BAS | SLÄGGÖ           |              | N5815.5  | E1126.0  | 20131122         | 1525                | 71                   |                      | 35 5          | 1.0              | 1008               | 1120                                  | x --xxxx--                                          | 9        | x                   | x          | -               | x             | -               | x               | x               | x               | -                                  | x                                | -                        | -               | -             | - | - |
| 0172   | SKEK14BAS | Å13              |              | N5820.2  | E1102    | 20131122         | 1730                | 91                   |                      | 04 2          | 3.1              | 1008               | 9990                                  | x --x----                                           | 10       | x                   | x          | -               | x             | -               | x               | x               | x               | -                                  | x                                | -                        | -               | -             | - | - |
| 0173   | SKEK15BAS | Å14              |              | N5819    | E1056.5  | 20131122         | 1810                | 112                  |                      | 17 3          | 3.2              | 1008               | 9990                                  | x -----                                             | 11       | -                   | -          | -               | -             | -               | -               | -               | -               | -                                  | -                                | -                        | -               | -             | - | - |
| 0174   | SKEK16BAS | Å15              |              | N5817.7  | E1051    | 20131122         | 1905                | 135                  |                      | 14 2          | 3.0              | 1008               | 9990                                  | x --x----                                           | 12       | x                   | x          | -               | x             | -               | x               | x               | x               | -                                  | x                                | -                        | -               | -             | - | - |
| 0175   | SKEK17BAS | Å16              |              | N5816    | E1043.5  | 20131122         | 2001                | 204                  |                      | 18 2          | 3.0              | 1008               | 9990                                  | x -----                                             | 13       | -                   | -          | -               | -             | -               | -               | -               | -               | -                                  | -                                | -                        | -               | -             | - | - |
| 0176   | SKEK18BAS | Å17              |              | N5816.5  | E1030.8  | 20131122         | 2130                | 350                  |                      | 17 4          | 2.8              | 1008               | 9990                                  | x --xxxx--                                          | 15       | x                   | x          | x               | -             | x               | x               | x               | -               | x                                  | x                                | -                        | -               | -             | - | x |
| 0177   | KANX25BAS | FLADEN           |              | N5711.5  | E1140    | 20131123         | 0720                | 82                   |                      | 19 5          | 3.8              | 1008               | 1430                                  | x --x----                                           | 12       | x                   | x          | -               | x             | -               | x               | x               | x               | -                                  | x                                | -                        | -               | -             | - | - |
| 0178   | KANX50BAS | N14 FALKENBERG   |              | N5656.40 | E1212.70 | 20131123         | 1005                | 31                   | 9                    | 20 5          | 4.8              | 1009               | 2730                                  | x -xxxx--                                           | 7        | x                   | x          | x               | -             | x               | x               | x               | -               | x                                  | x                                | -                        | -               | -             | - | - |
| 0179   | KAEX29BAS | ANHOLT E         |              | N5640.0  | E1207.0  | 20131123         | 1235                | 62                   | 7                    | 22 11         | 4.7              | 1008               | 2730                                  | x -xxxx--                                           | 10       | x                   | x          | x               | -             | x               | x               | x               | -               | x                                  | x                                | -                        | -               | -             | - | - |
| 0180   | SOCX39BAS | W LANDSKRONA     |              | N5552.0  | E1245.0  | 20131123         | 1825                | 50                   |                      | 24 10         | 4.5              | 1007               | 6990                                  | x --x----                                           | 9        | x                   | x          | -               | x             | -               | x               | x               | x               | -                                  | x                                | -                        | -               | -             | - | - |
| 0181   | BPSA02BAS | BY1              |              | N5500    | E1318    | 20131124         | 0300                | 46                   |                      | 29 14         | 6.9              | 1004               | 9990                                  | x --x----                                           | 8        | x                   | x          | -               | x             | -               | x               | x               | x               | -                                  | x                                | -                        | -               | -             | - | - |
| 0182   | BPSA03BAS | BY2 ARKONA       |              | N5500    | E1405    | 20131124         | 0625                | 47                   |                      | 30 15         | 6.7              | 1002               | 2840                                  | x --xx----                                          | 8        | x                   | x          | -               | x             | -               | x               | x               | x               | -                                  | x                                | -                        | -               | -             | - | x |
| 0183   | BPSB07BAS | BY5 BORNHOLMSDJ  |              | N5515    | E1559    | 20131124         | 1610                | 90                   |                      | 36 20         | 3.5              | 1005               | 9990                                  | x -xxx----                                          | 12       | x                   | x          | x               | -             | x               | x               | x               | -               | x                                  | -                                | -                        | -               | -             | - | x |
| 0184   | BPSB06BAS | BY4 CHRISTIANSÖ  |              | N5523    | E1520    | 20131124         | 1940                | 91                   |                      | 01 18         | 3.2              | 1008               | 9990                                  | x --x----                                           | 12       | x                   | x          | -               | x             | -               | x               | x               | x               | -                                  | x                                | -                        | -               | -             | - | - |
| 0185   | BPSH05BAS | HANÖBUKTEN       |              | N5537    | E1452    | 20131124         | 2315                | 78                   |                      | 36 15         | 2.7              | 1010               | 9990                                  | x --x----                                           | 11       | x                   | x          | -               | x             | -               | x               | x               | x               | -                                  | x                                | -                        | -               | -             | - | - |
| 0186   | KAEL60EXT | L9 LAHOLMSBUKTEN |              | N5633.90 | E1243.20 | 20131126         | 0504                | 19                   |                      | 01 5          | 1.8              | 1022               | 9990                                  | x -----                                             | 5        | -                   | -          | -               | -             | -               | -               | -               | -               | -                                  | -                                | -                        | -               | -             | - | - |
| 0187   | KAEL63EXT | LAHOLM-3 (YG)    |              | N5633.3  | E1234    | 20131            |                     |                      |                      |               |                  |                    |                                       |                                                     |          |                     |            |                 |               |                 |                 |                 |                 |                                    |                                  |                          |                 |               |   |   |

# Bottom water oxygen concentration (ml/l)

Country: Sweden

Ship : KBV 001 Poseidon

Date : 20131122-20131126

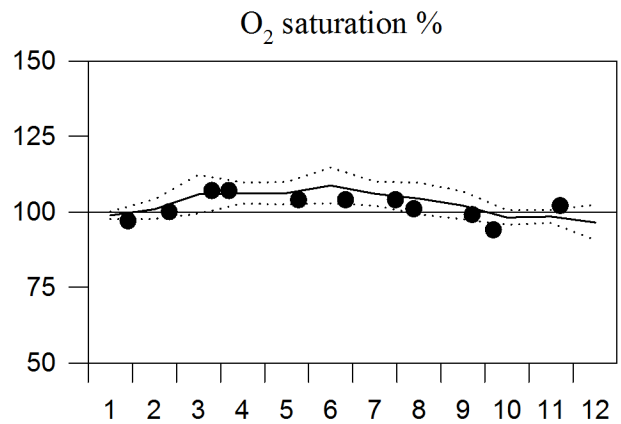
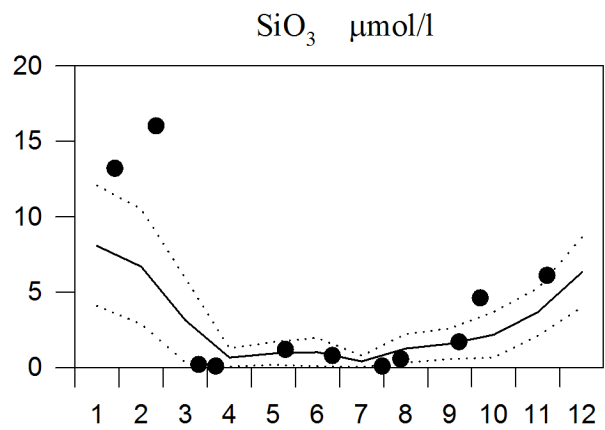
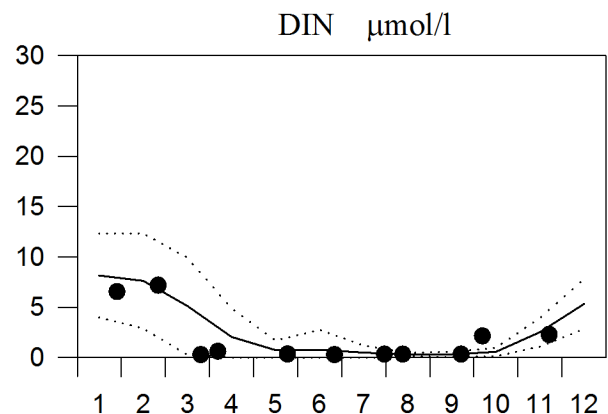
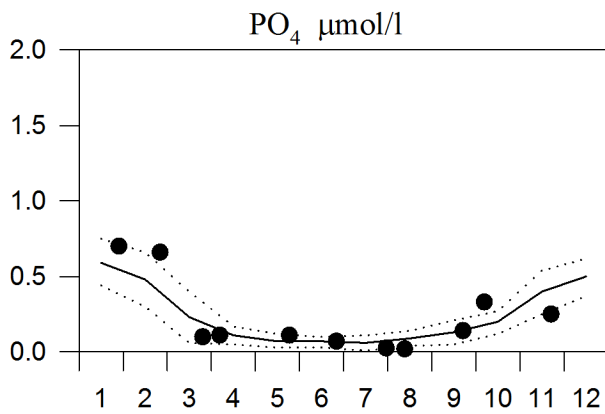
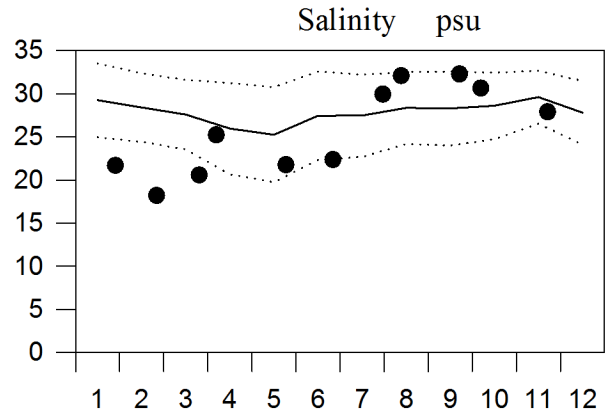
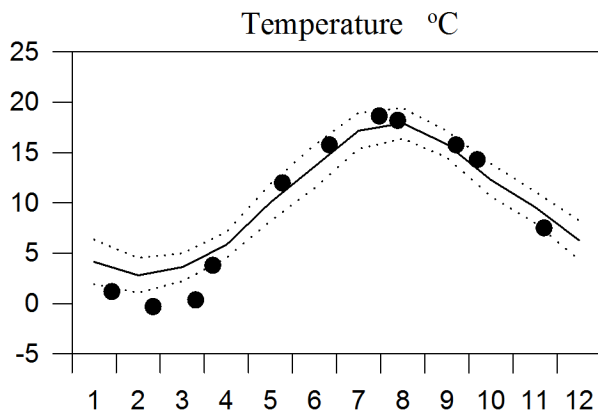
Series : 0170-0188



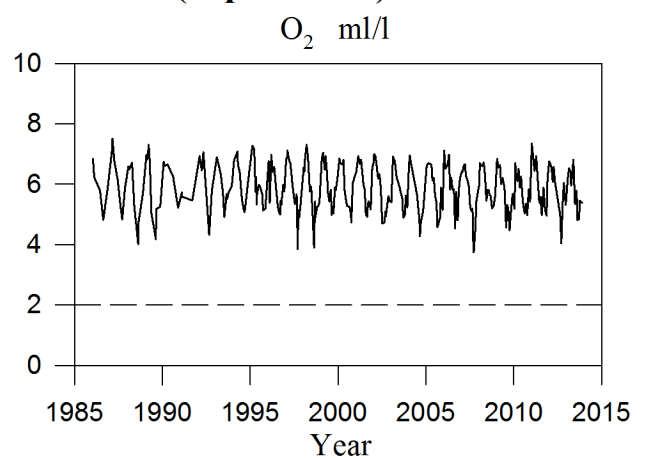
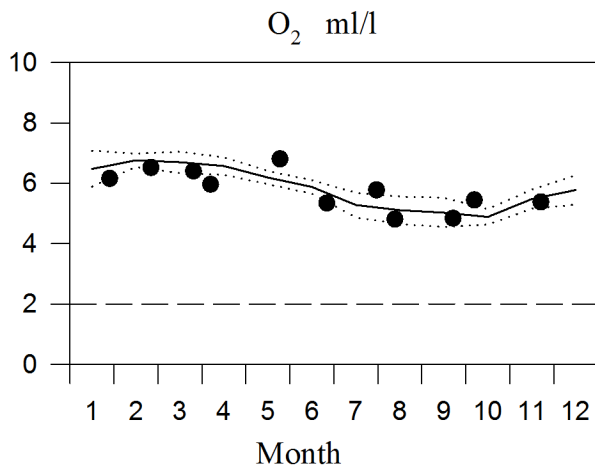
# STATION P2 SURFACE WATER

## Annual Cycles

— Mean 1996-2010      ..... St.Dev.      ● 2013



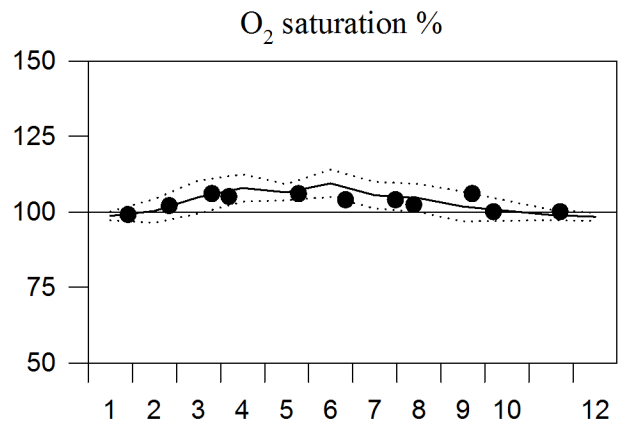
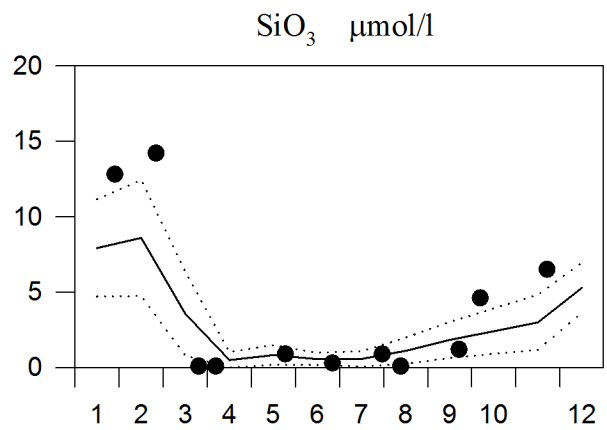
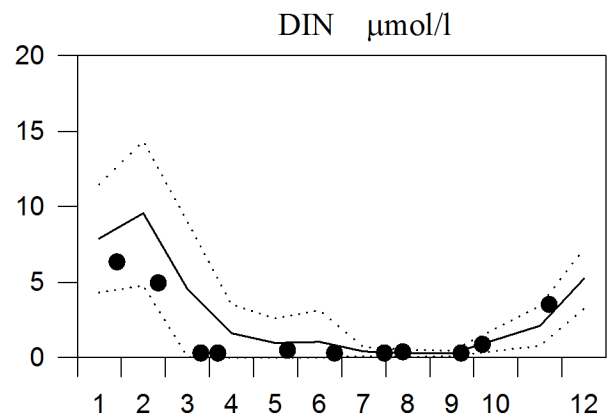
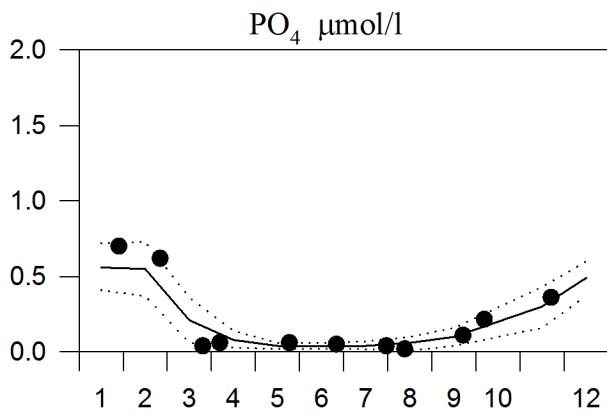
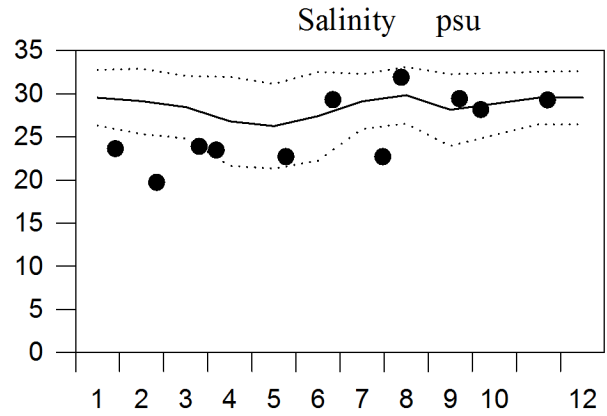
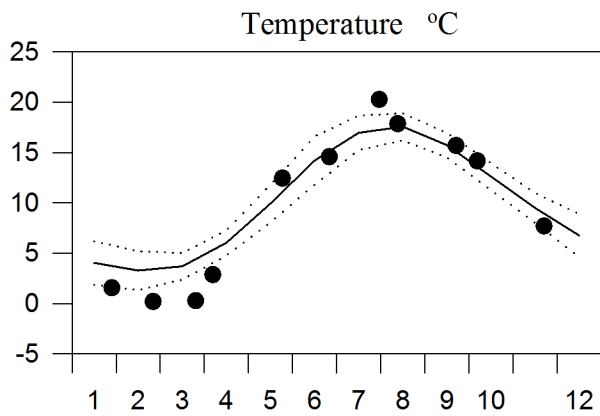
## OXYGEN IN BOTTOM WATER (depth >75m)



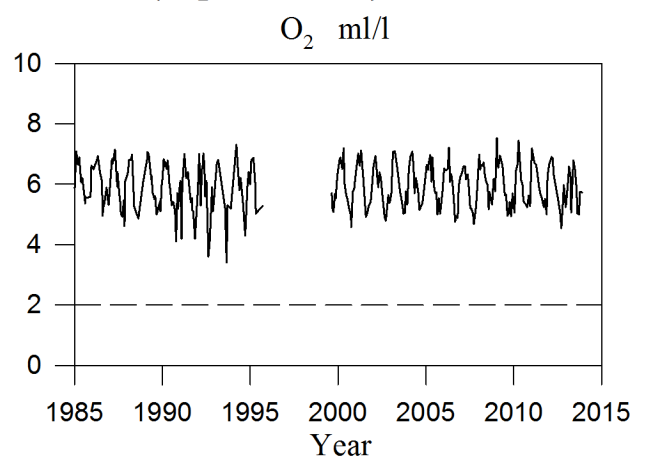
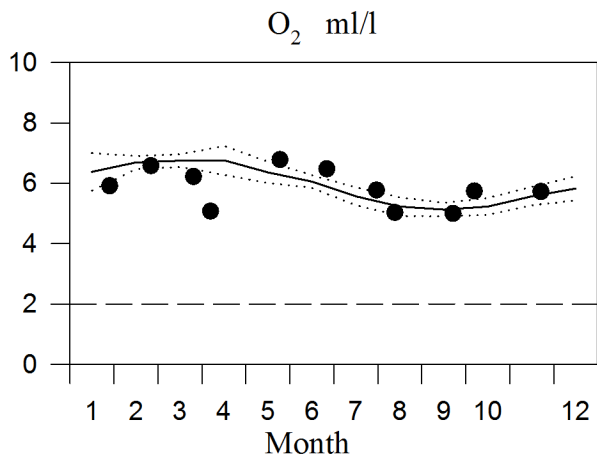
# STATION Å13 SURFACE WATER

## Annual Cycles

— Mean 1996-2010      ..... St.Dev.      ● 2013



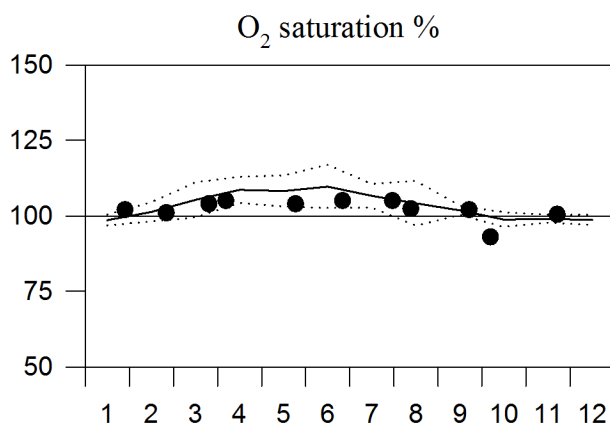
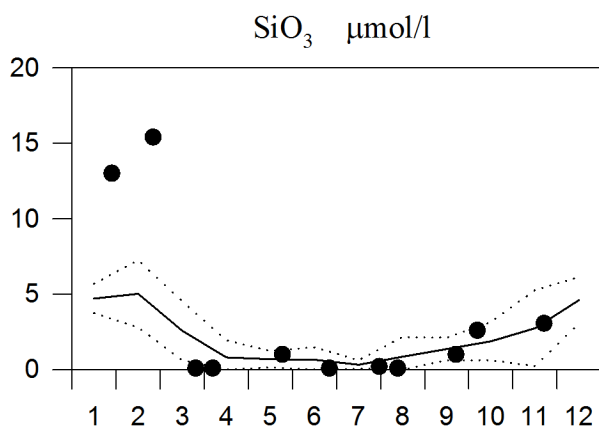
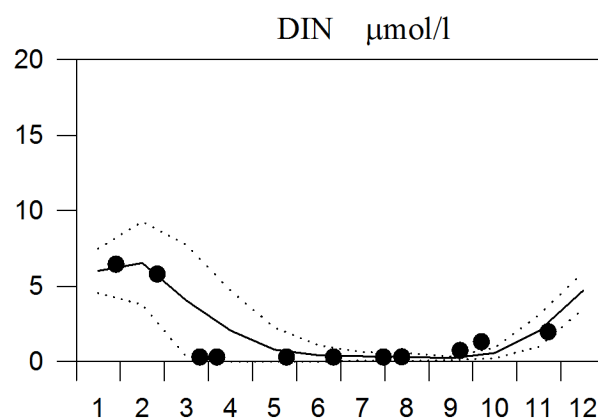
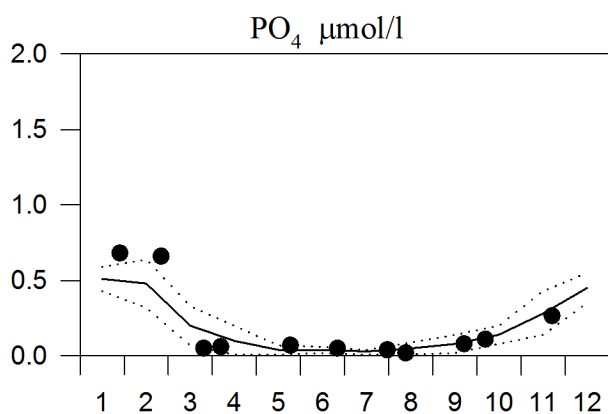
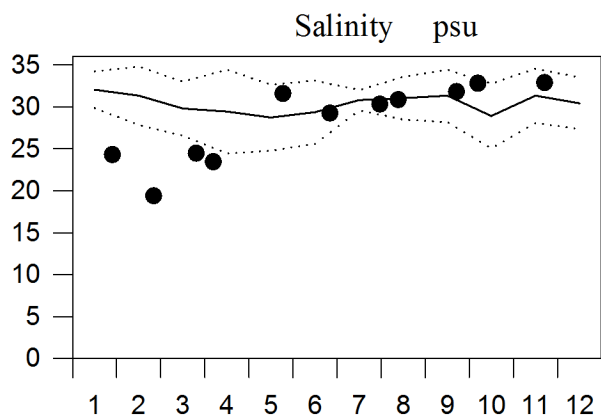
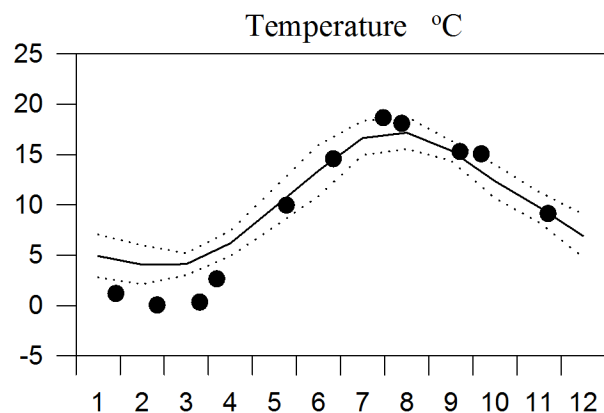
## OXYGEN IN BOTTOM WATER (depth >=75m)



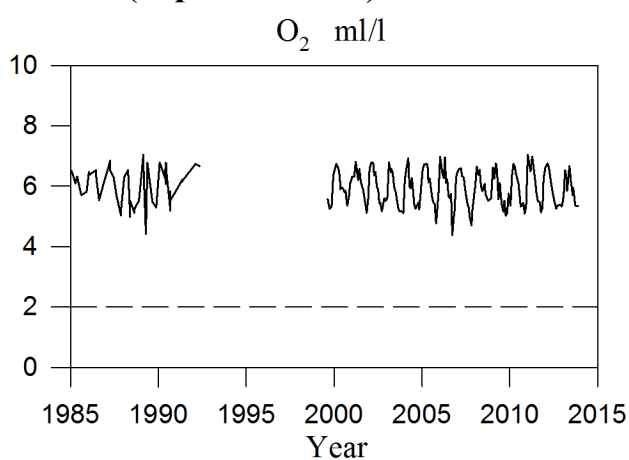
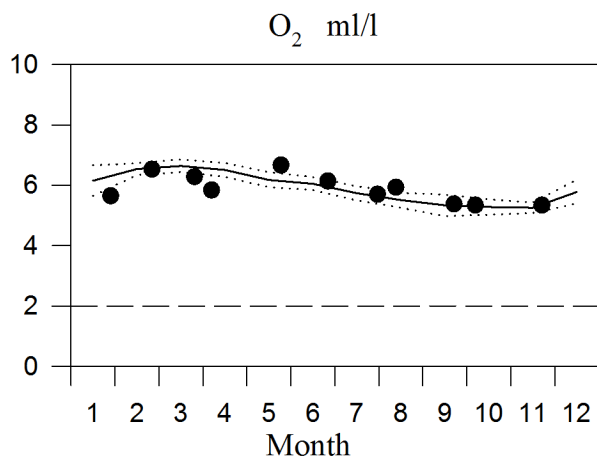
# STATION Å15 SURFACE WATER

## Annual Cycles

— Mean 1996-2010      ..... St.Dev.      ● 2013



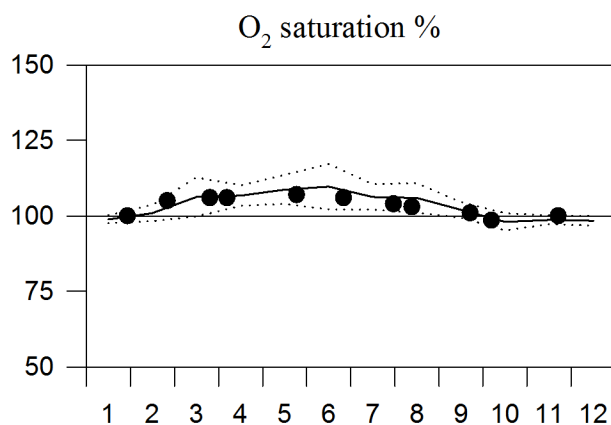
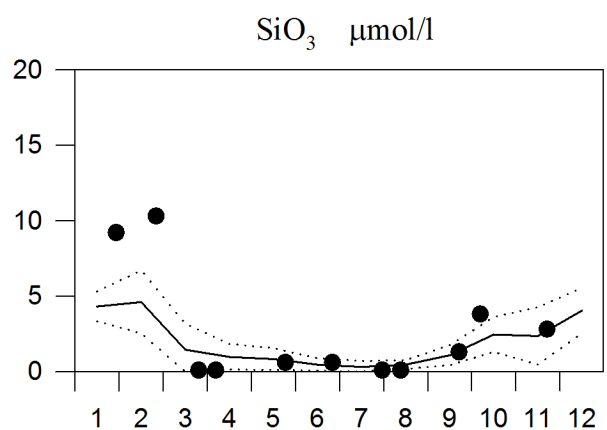
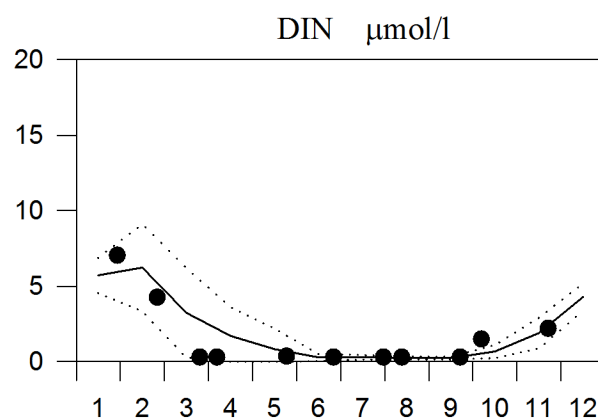
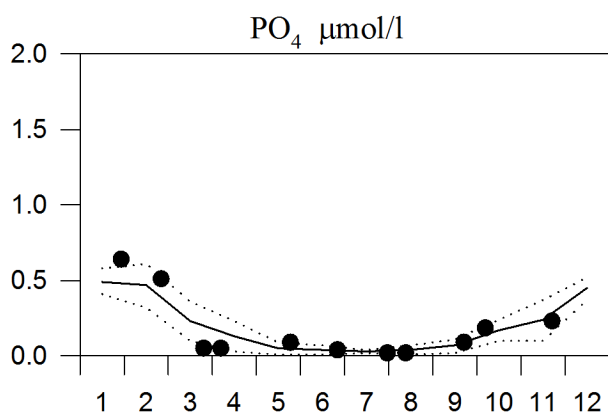
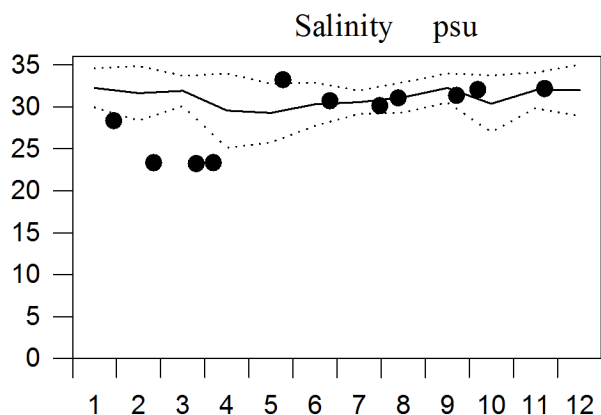
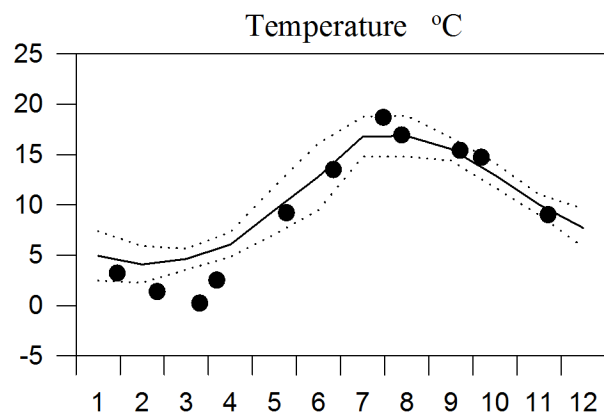
## OXYGEN IN BOTTOM WATER (depth >=125m)



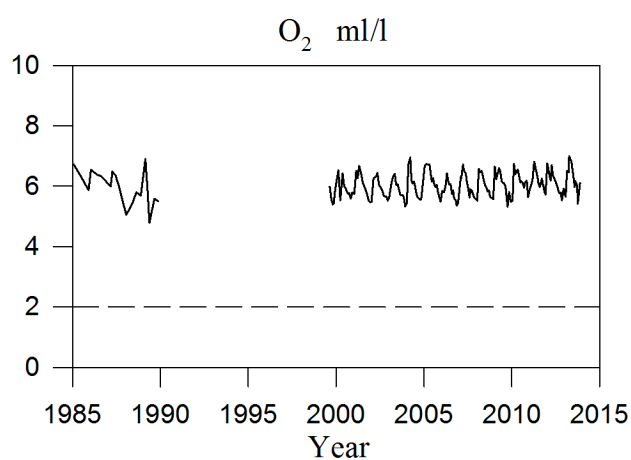
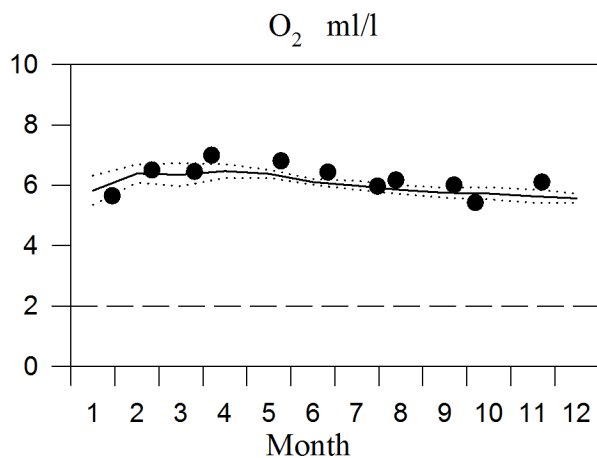
# STATION Å17 SURFACE WATER

## Annual Cycles

— Mean 1996-2010      ..... St.Dev.      ● 2013



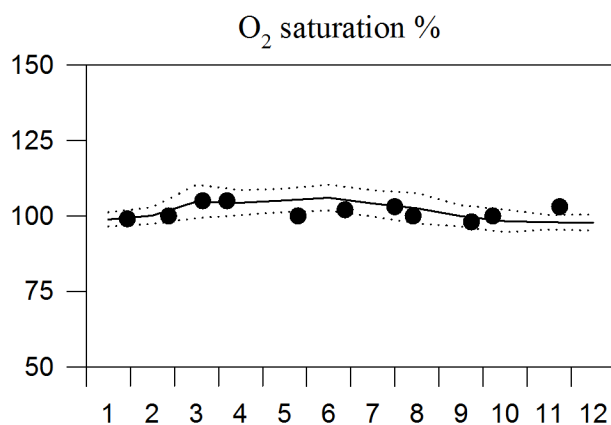
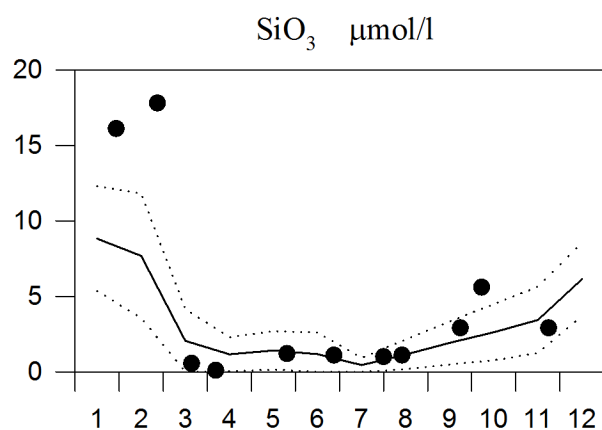
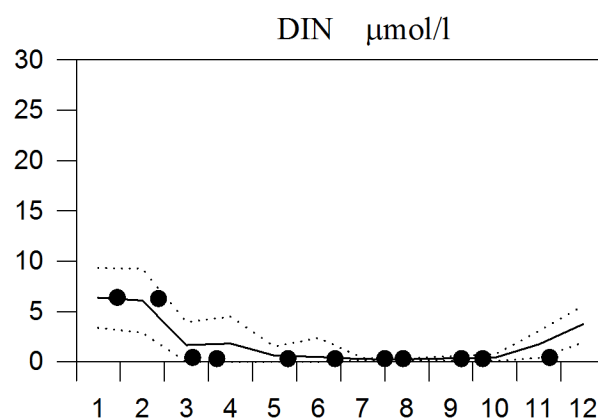
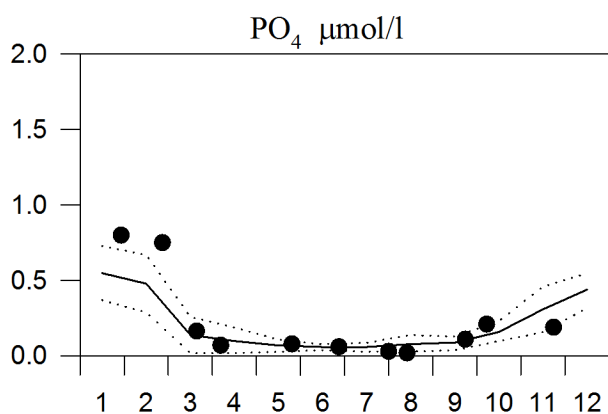
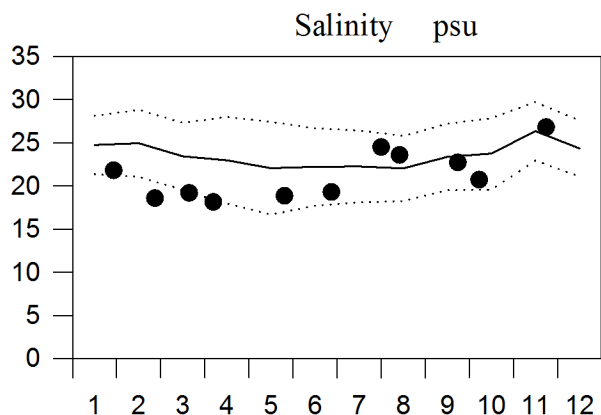
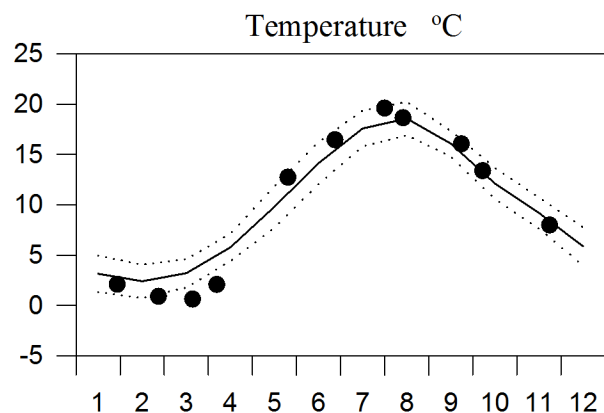
## OXYGEN IN BOTTOM WATER (depth = 300m)



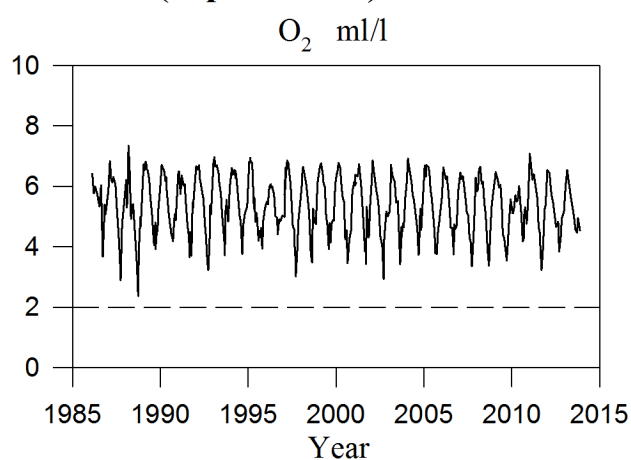
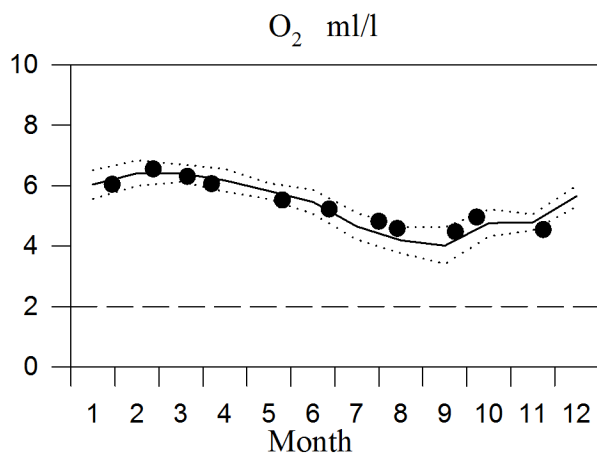
# STATION FLADEN SURFACE WATER

## Annual Cycles

— Mean 1996-2010      ..... St.Dev.      ● 2013



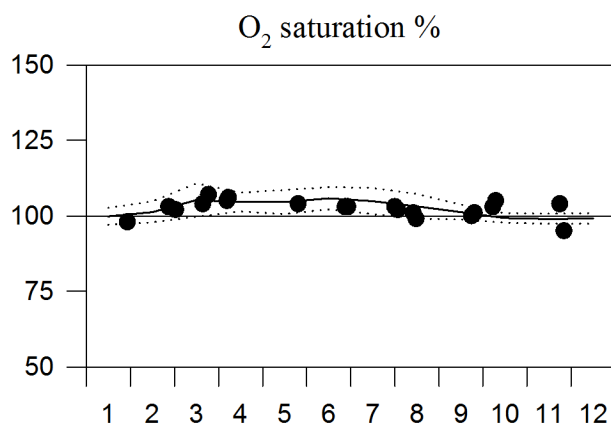
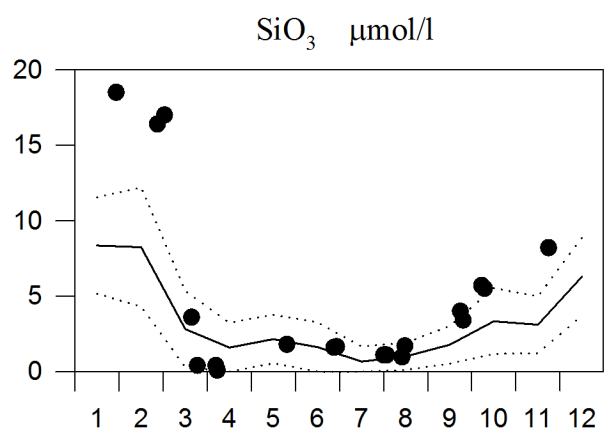
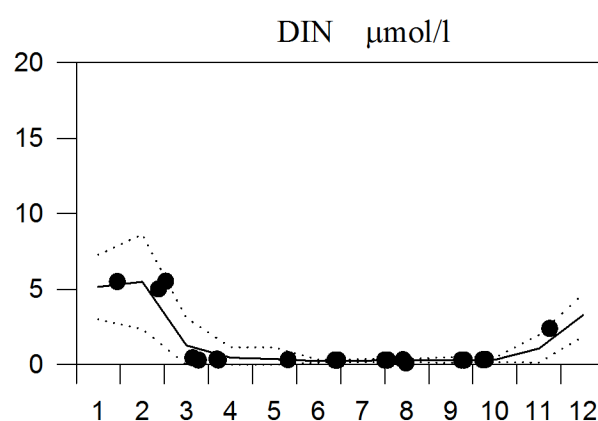
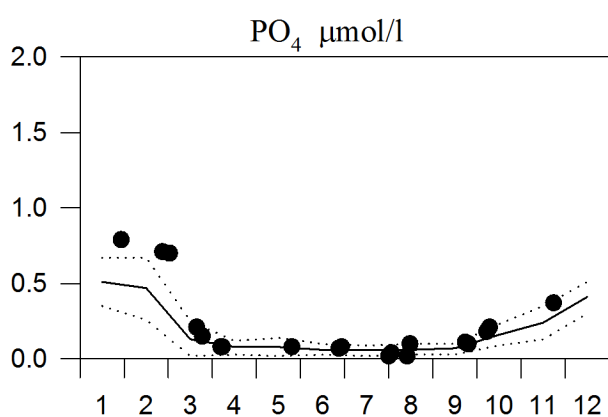
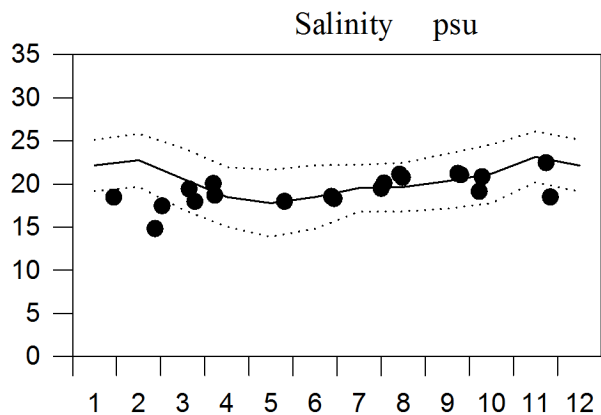
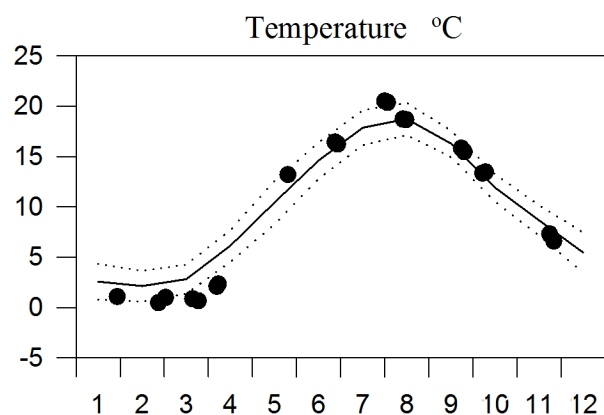
## OXYGEN IN BOTTOM WATER (depth > 70m)



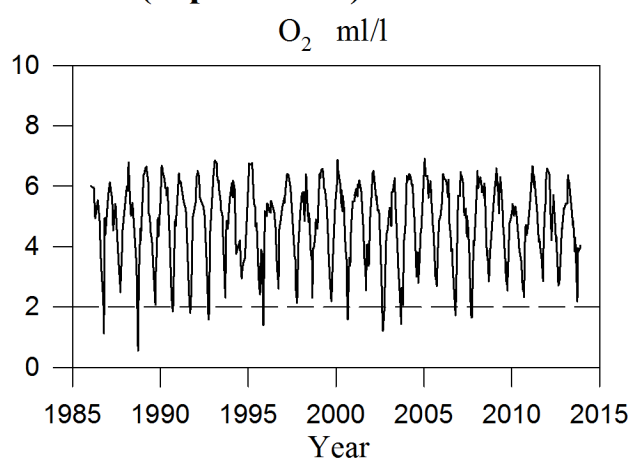
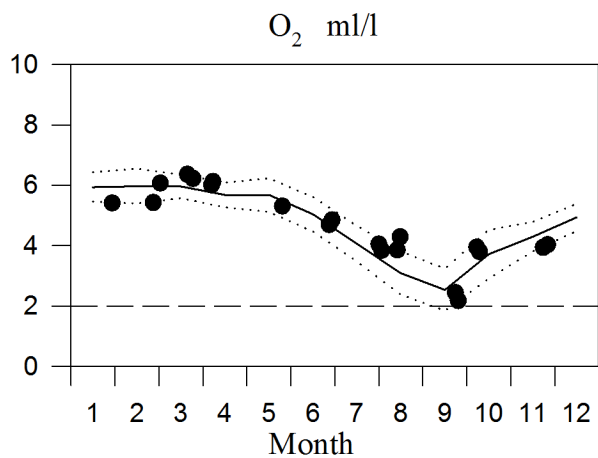
# STATION ANHOLT E SURFACE WATER

## Annual Cycles

— Mean 1996-2010      ..... St.Dev.      ● 2013



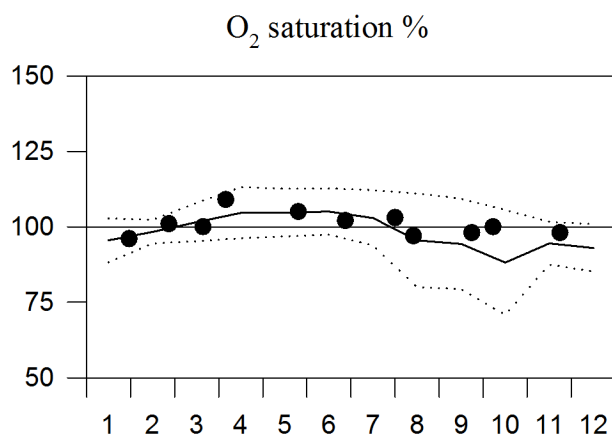
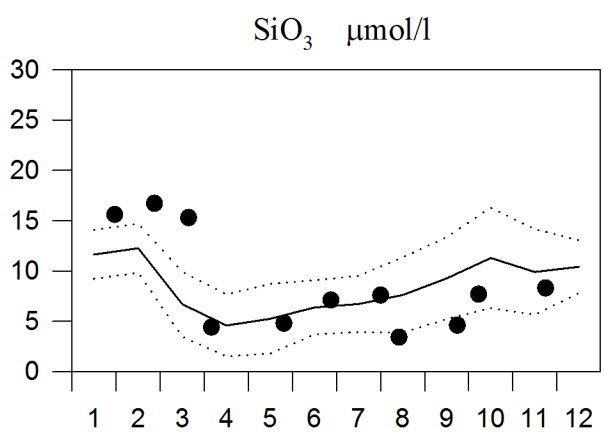
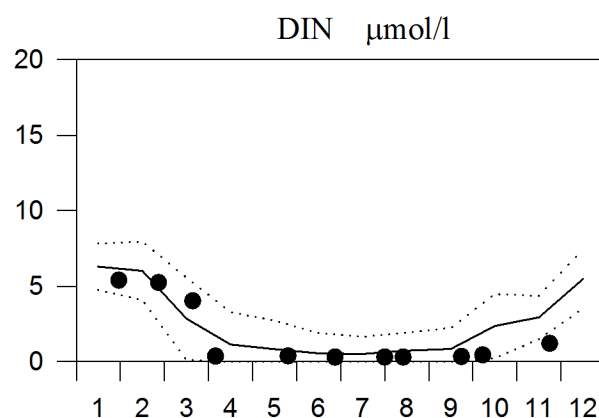
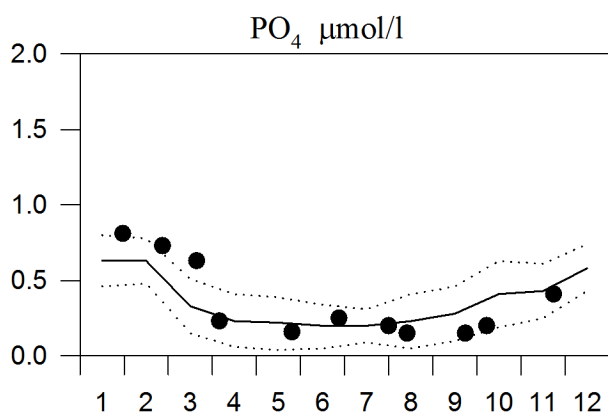
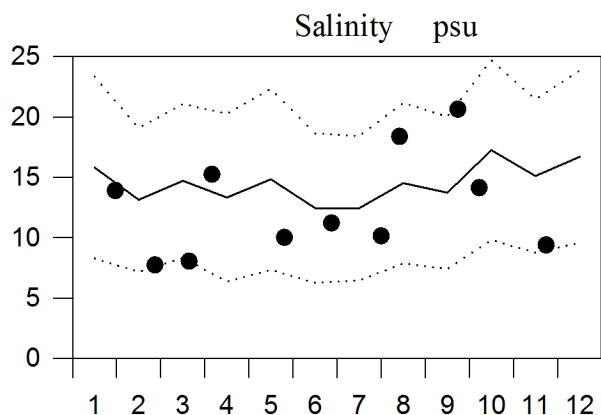
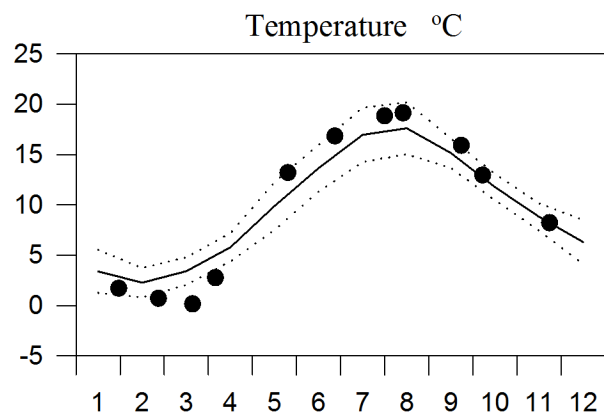
## OXYGEN IN BOTTOM WATER (depth > 50m)



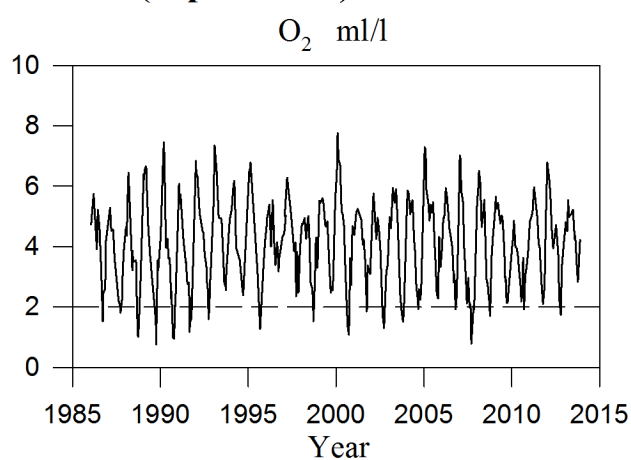
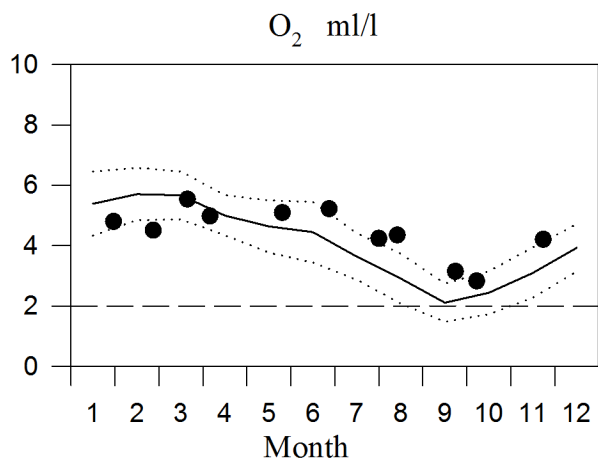
# STATION W LANDSKRONA SURFACE WATER

## Annual Cycles

— Mean 1996-2010      ..... St.Dev.      ● 2013



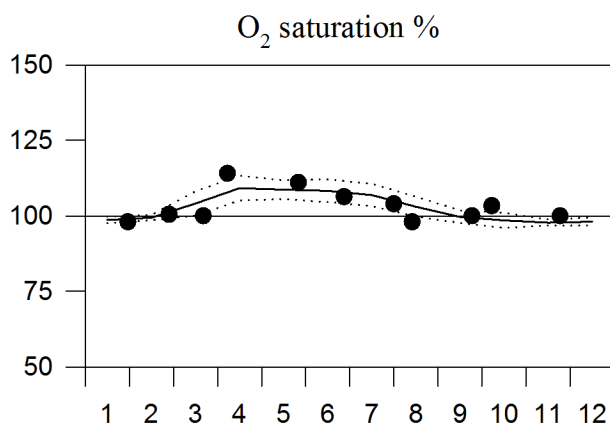
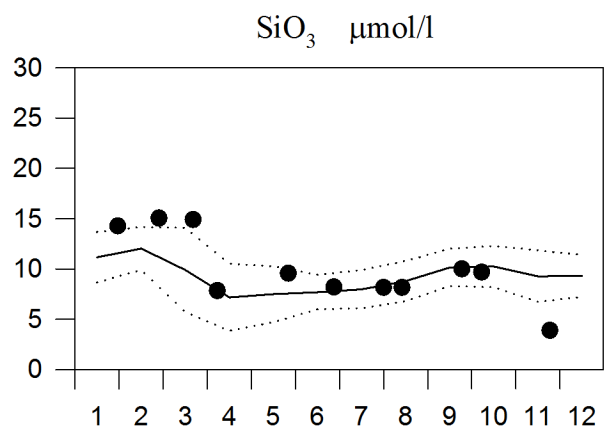
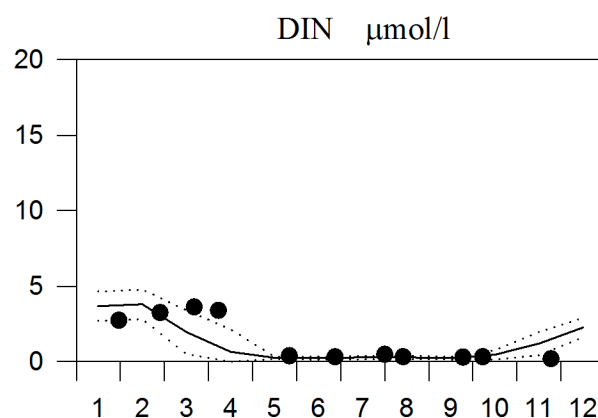
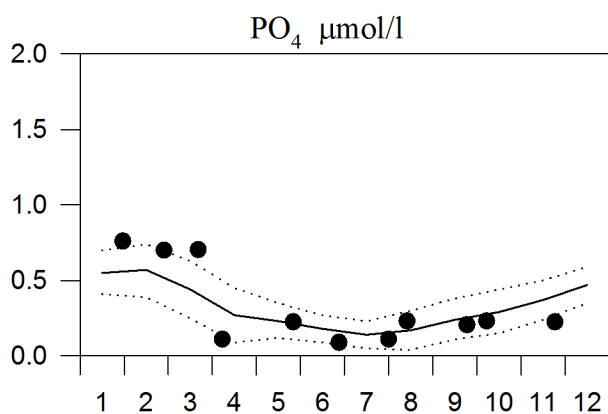
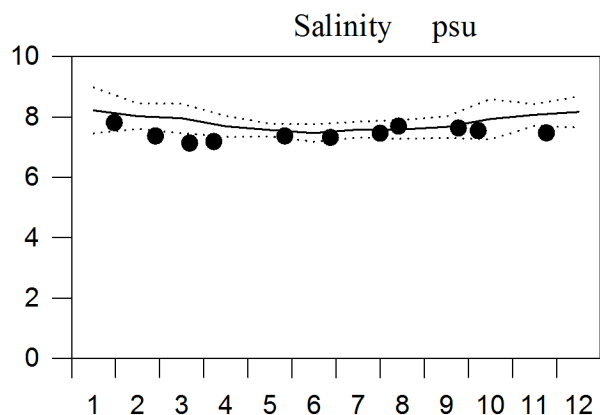
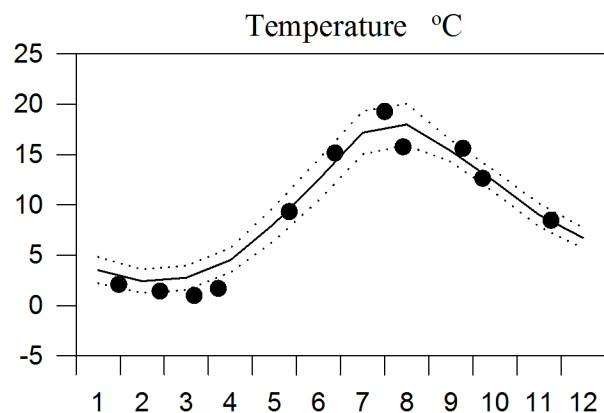
## OXYGEN IN BOTTOM WATER (depth >40m)



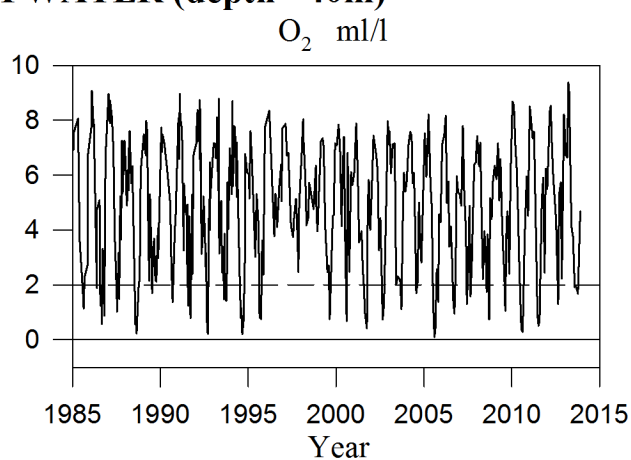
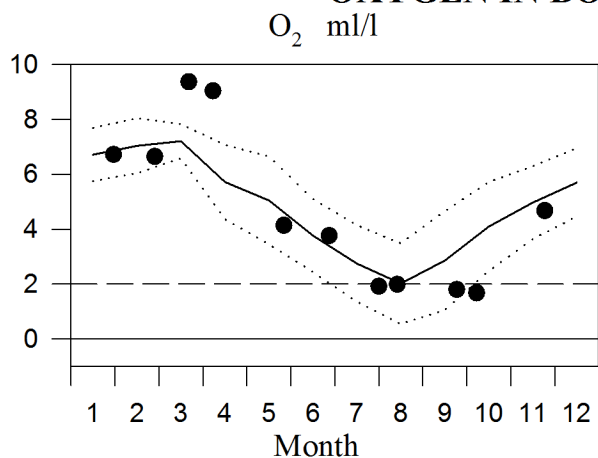
# STATION BY1 SURFACE WATER

## Annual Cycles

— Mean 1996-2010      ..... St.Dev.      ● 2013



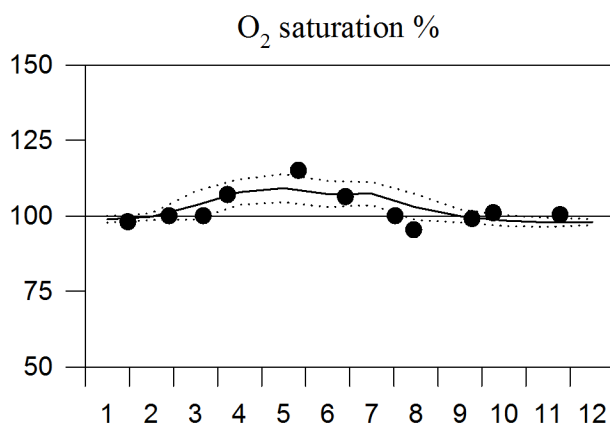
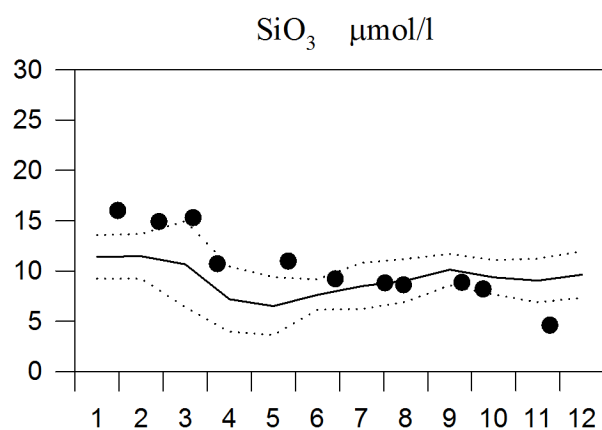
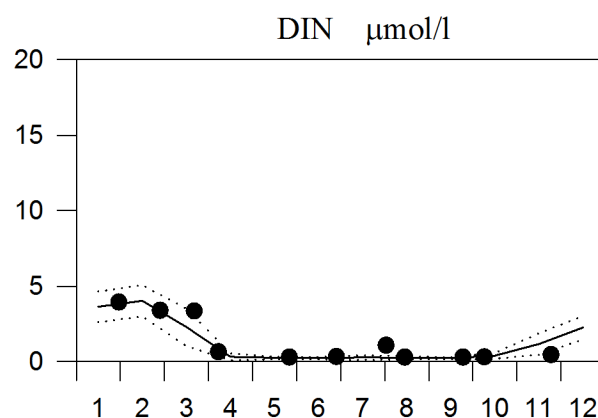
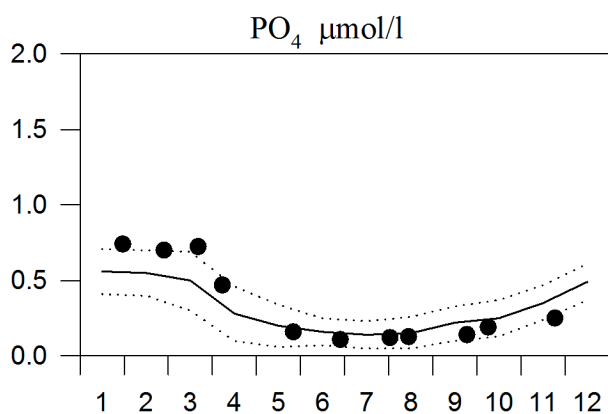
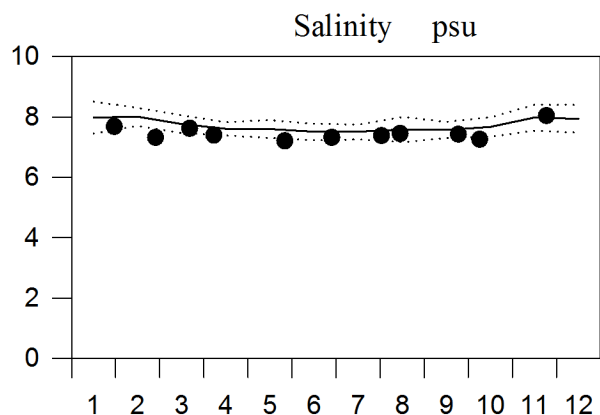
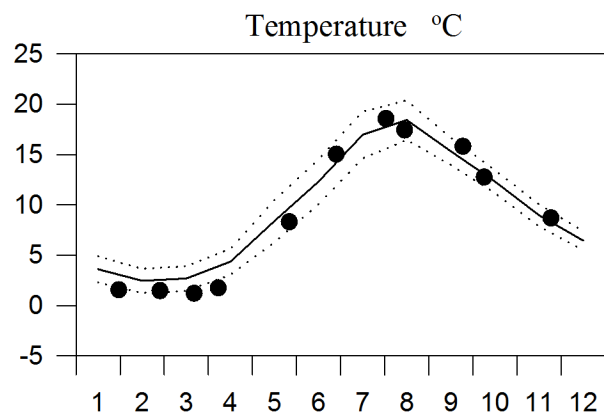
## OXYGEN IN BOTTOM WATER (depth >40m)



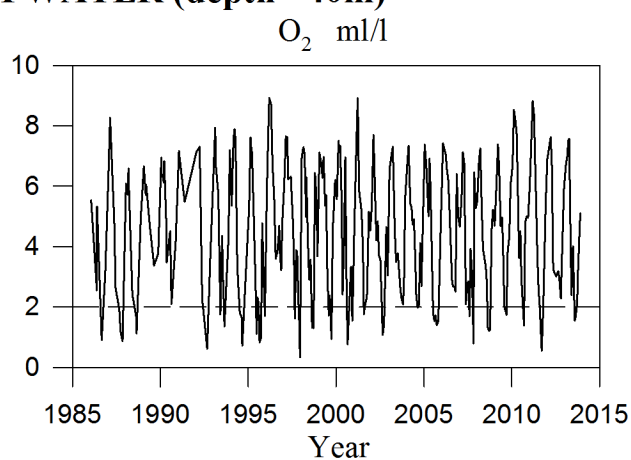
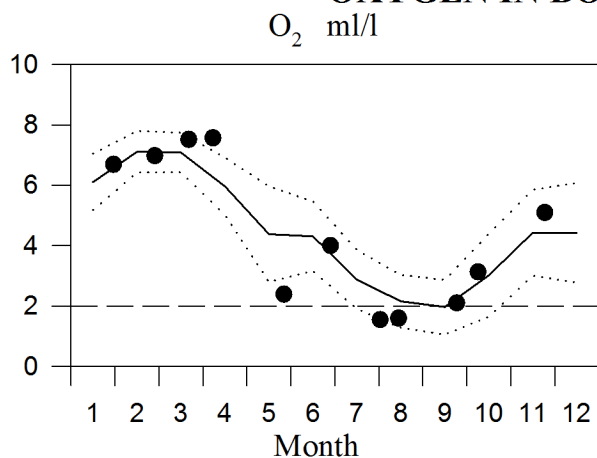
# STATION BY2 SURFACE WATER

## Annual Cycles

— Mean 1996-2010      ..... St.Dev.      ● 2013



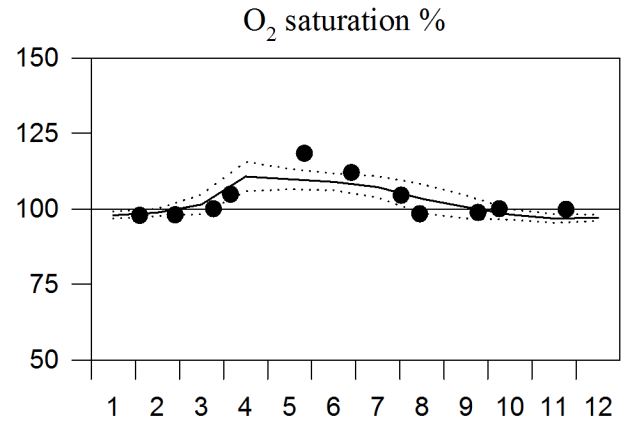
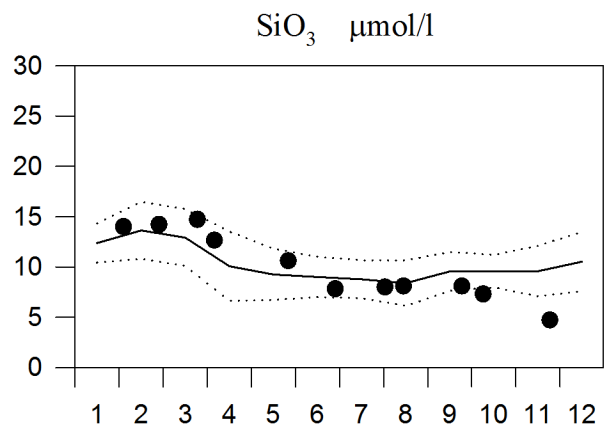
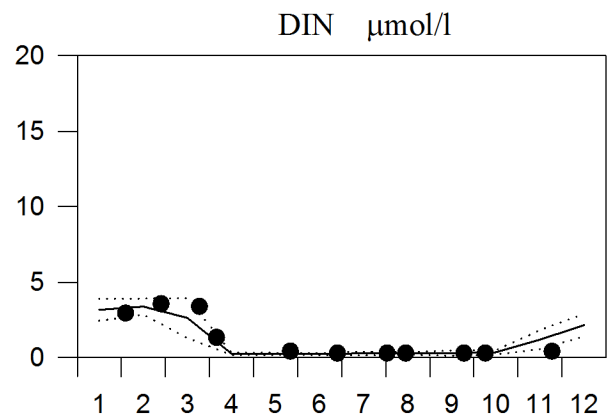
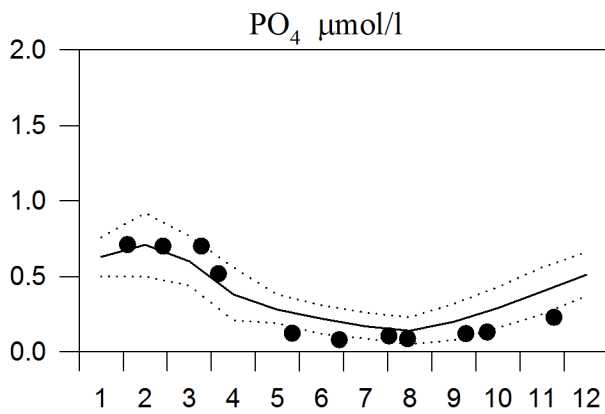
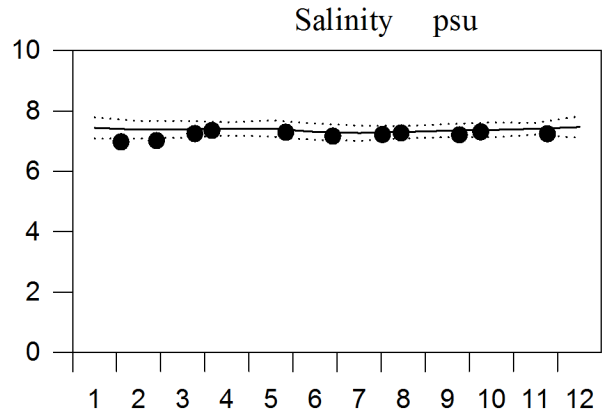
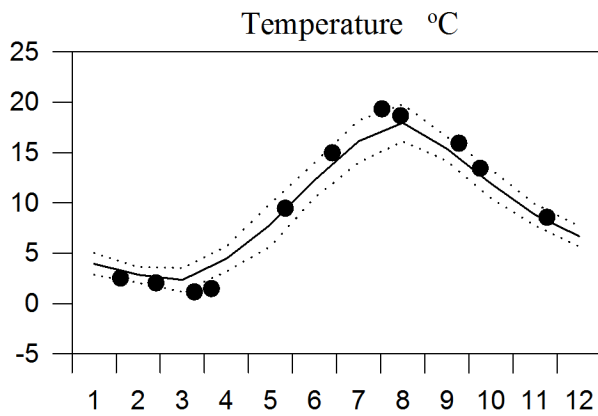
## OXYGEN IN BOTTOM WATER (depth >40m)



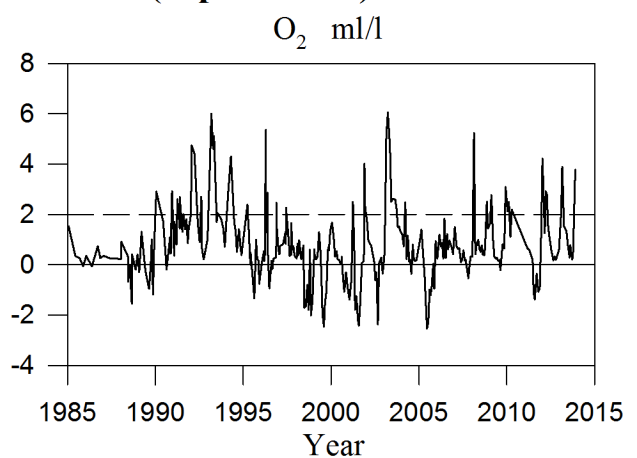
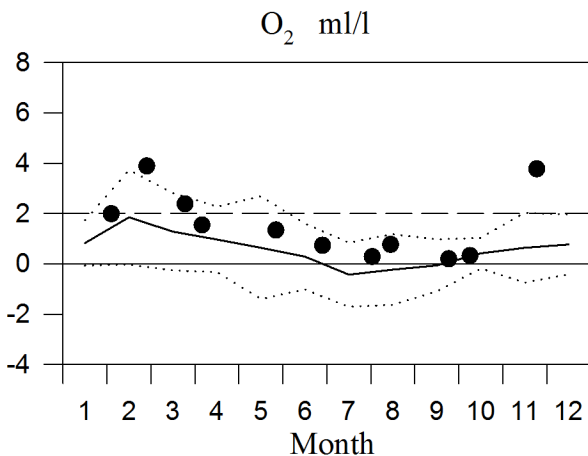
# STATION HANÖBUKTEN SURFACE WATER

## Annual Cycles

— Mean 1996-2010      ..... St.Dev.      ● 2013



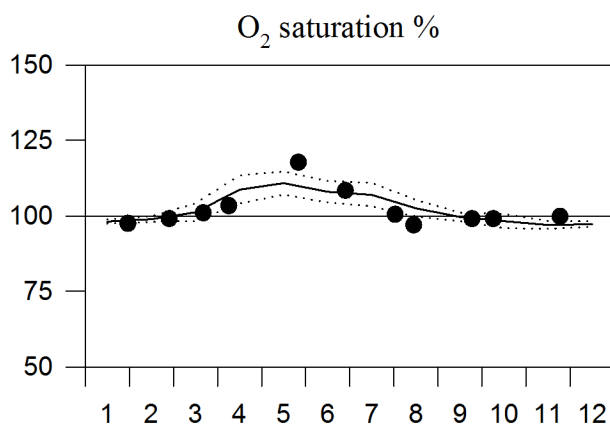
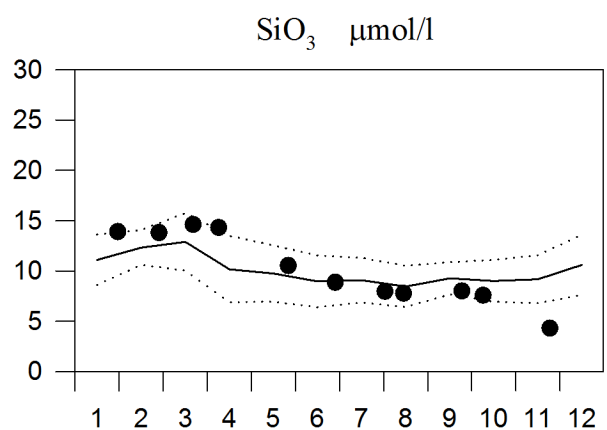
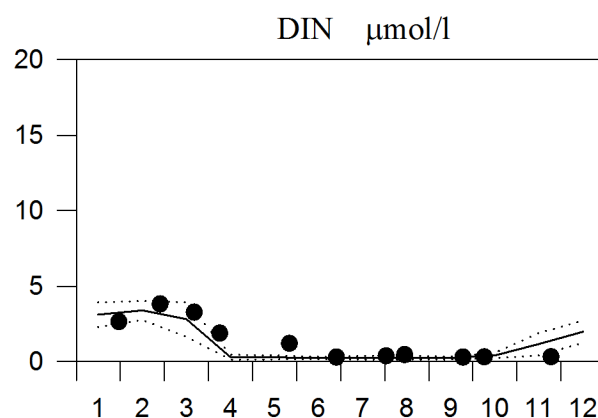
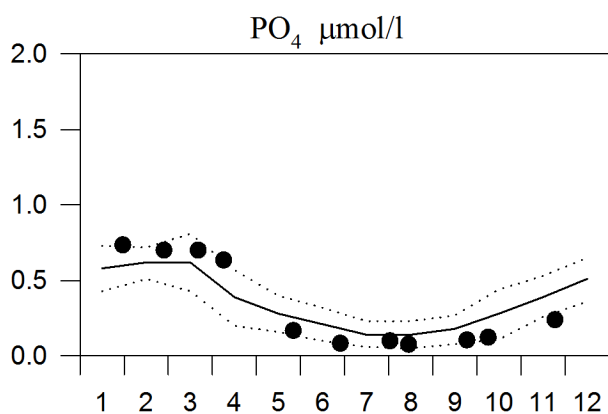
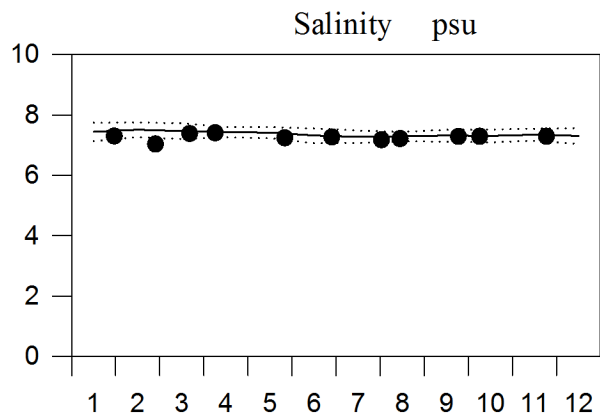
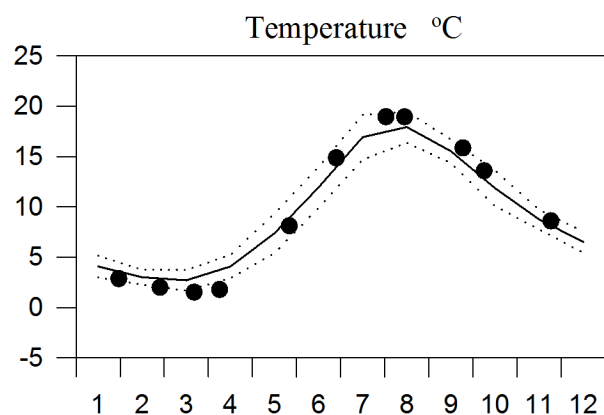
## OXYGEN IN BOTTOM WATER (depth > 70m)



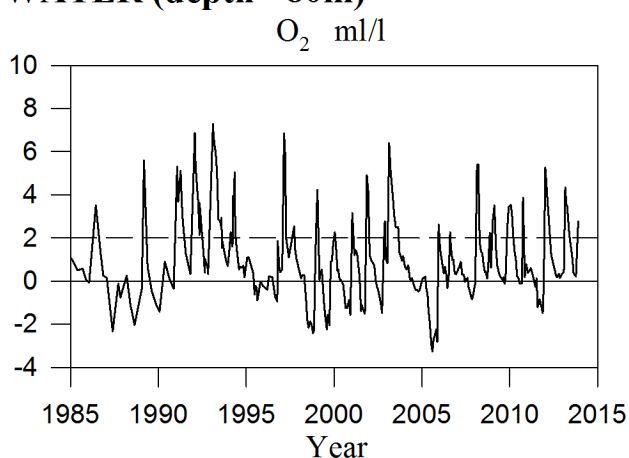
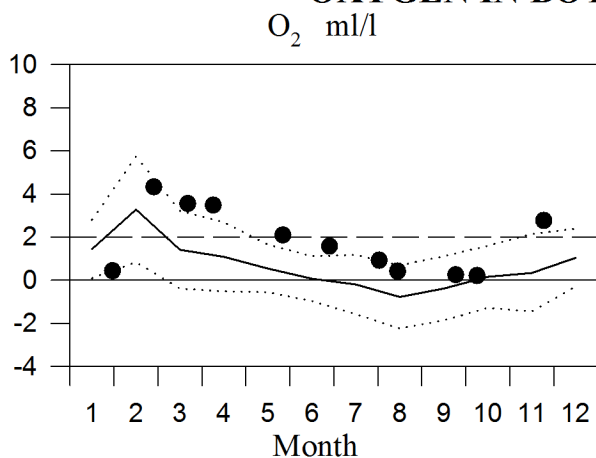
# STATION BY4 SURFACE WATER

## Annual Cycles

— Mean 1996-2010      ..... St.Dev.      ● 2013



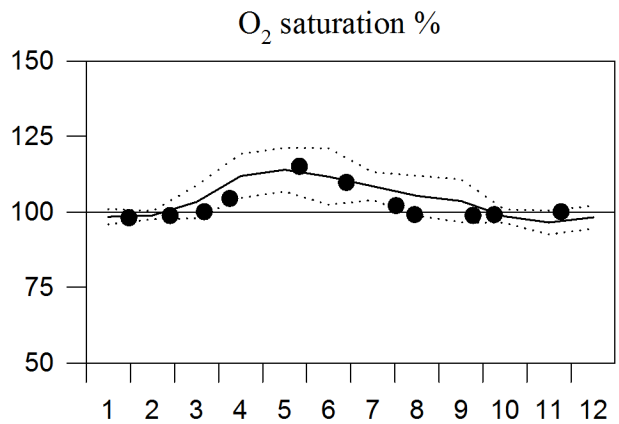
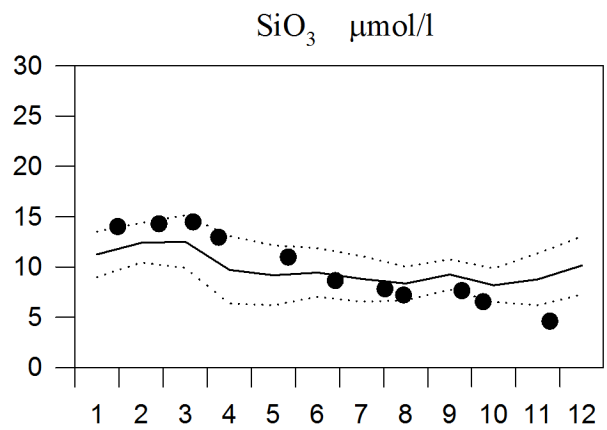
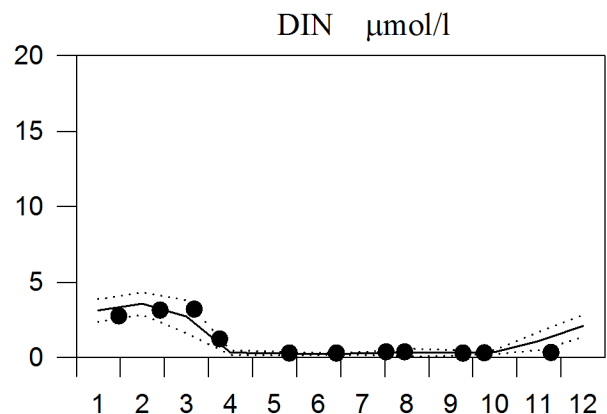
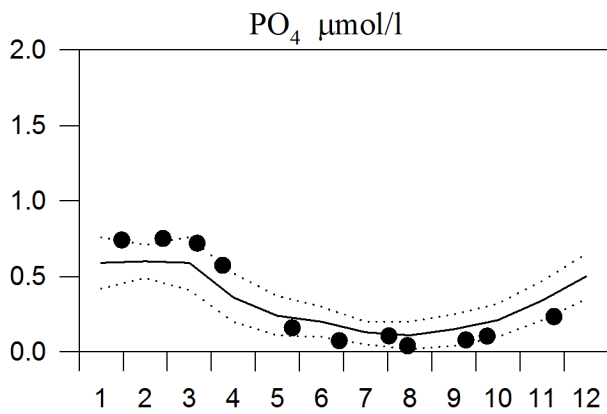
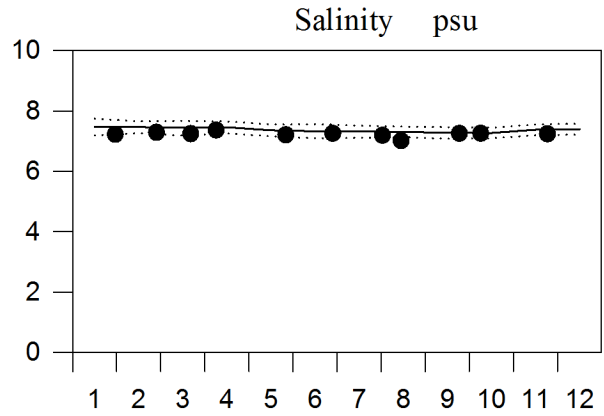
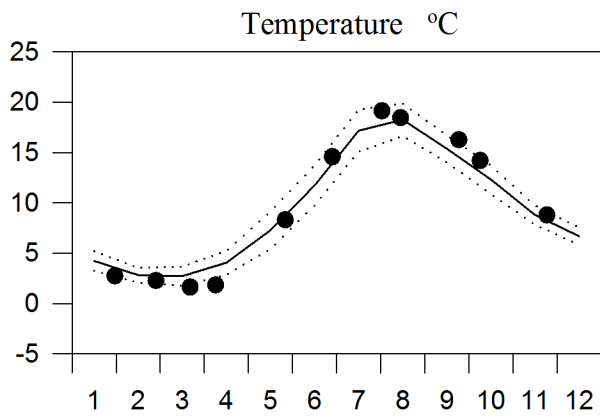
## OXYGEN IN BOTTOM WATER (depth >80m)



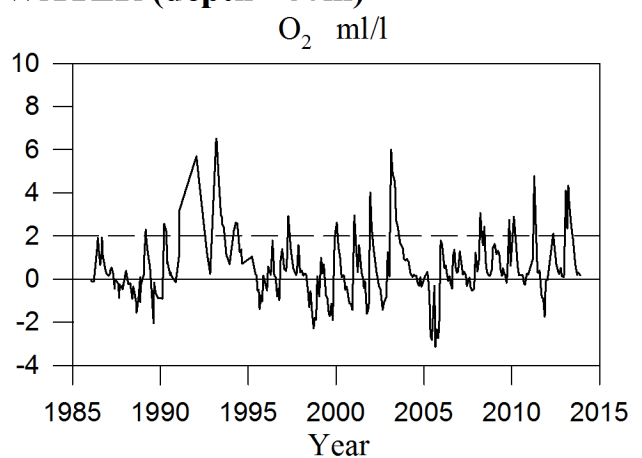
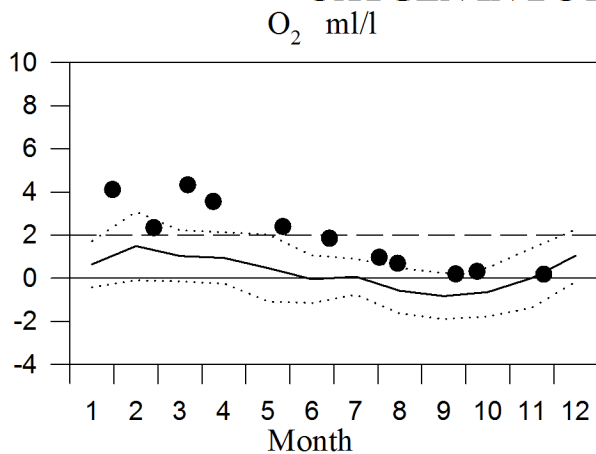
# STATION BY5 SURFACE WATER

## Annual Cycles

— Mean 1996-2010      ..... St.Dev.      ● 2013



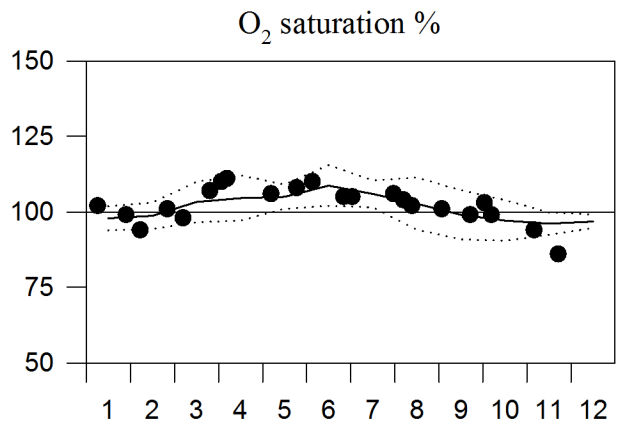
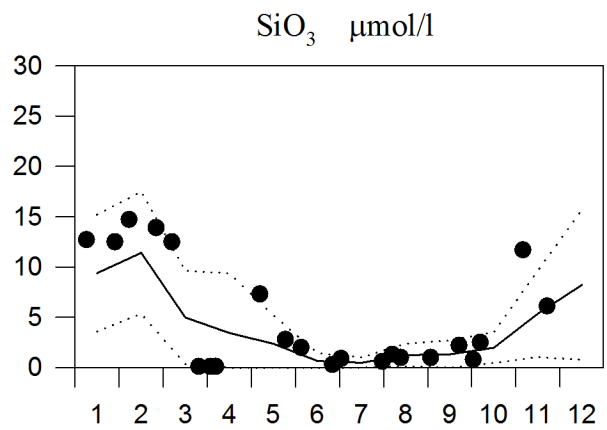
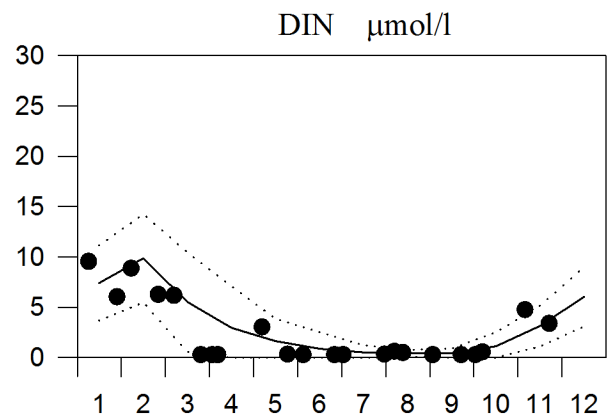
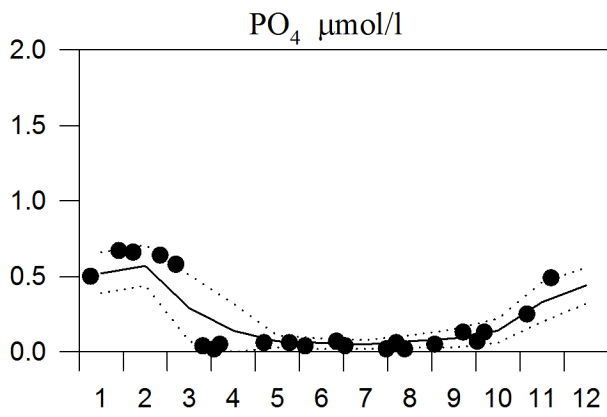
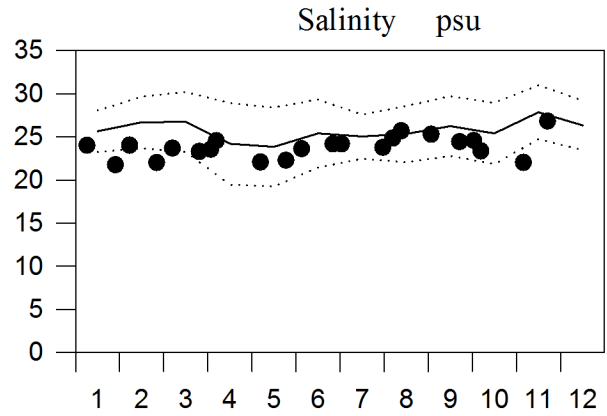
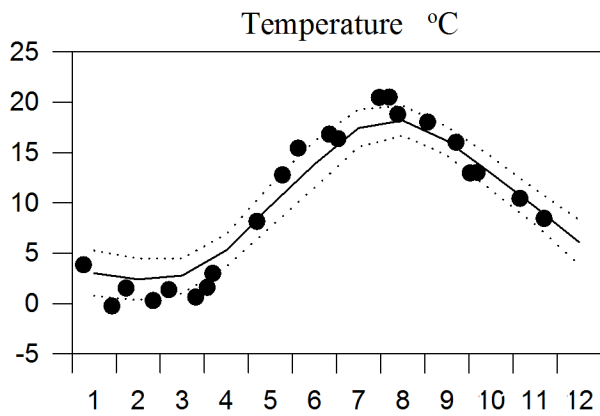
## OXYGEN IN BOTTOM WATER (depth >80m)



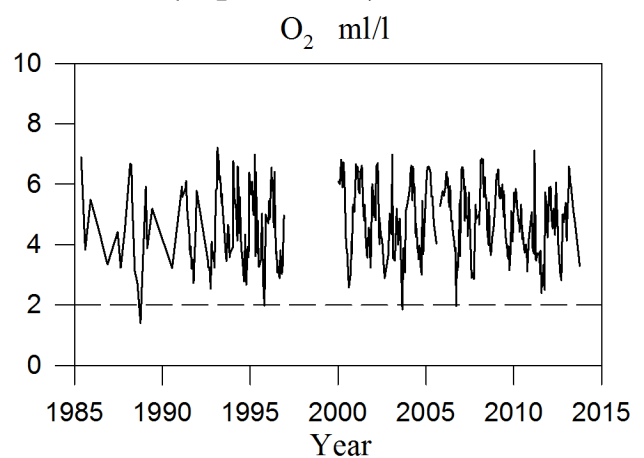
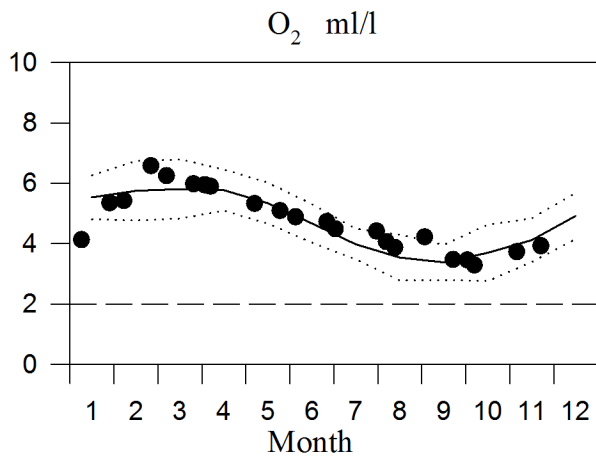
# STATION SLÄGGÖ SURFACE WATER

## Annual Cycles

— Mean 1996-2010      ..... St.Dev.      ● 2013



## OXYGEN IN BOTTOM WATER (depth >50m)



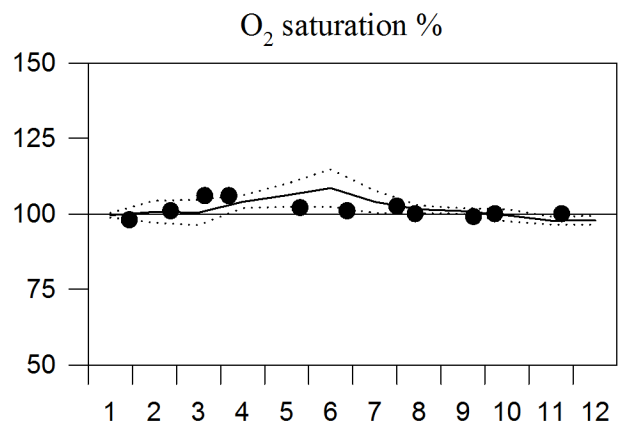
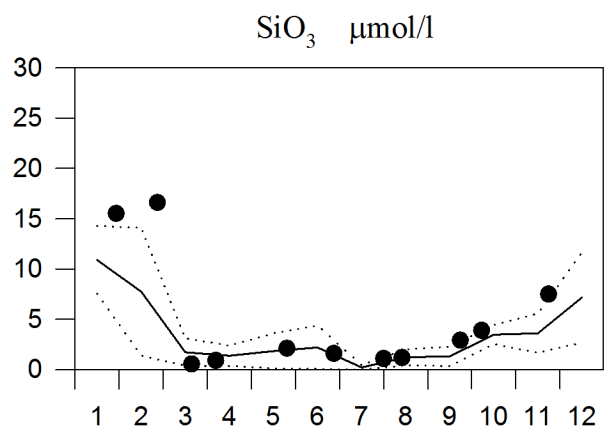
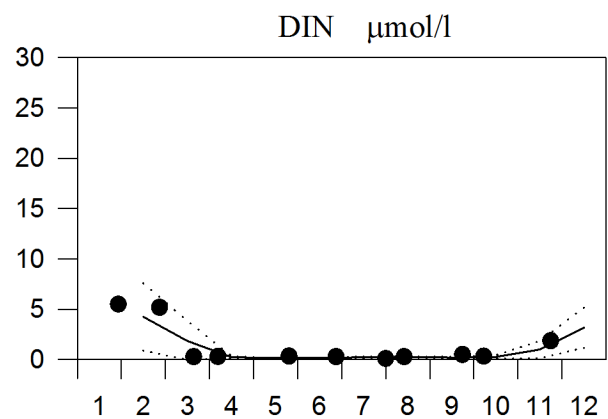
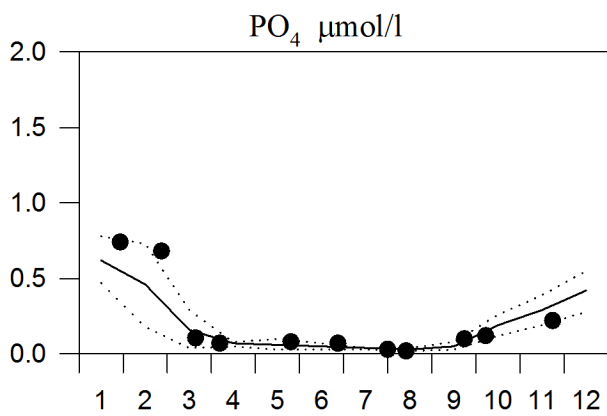
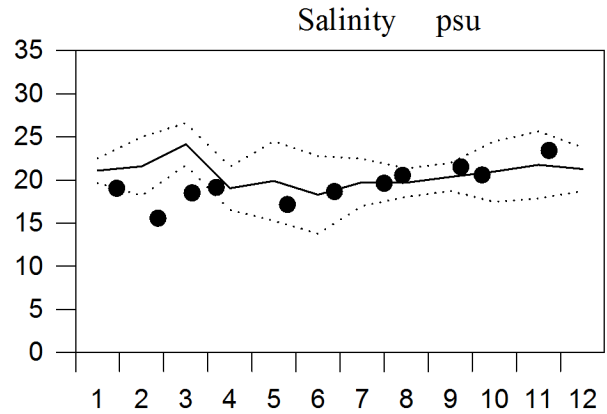
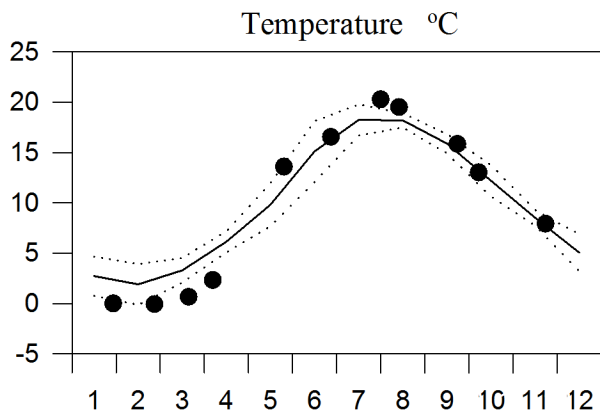
# STATION N14 Falkenberg SURFACE WATER

## Annual Cycles

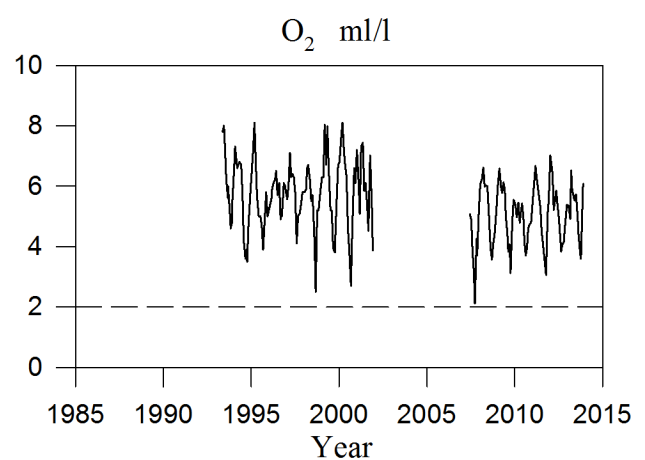
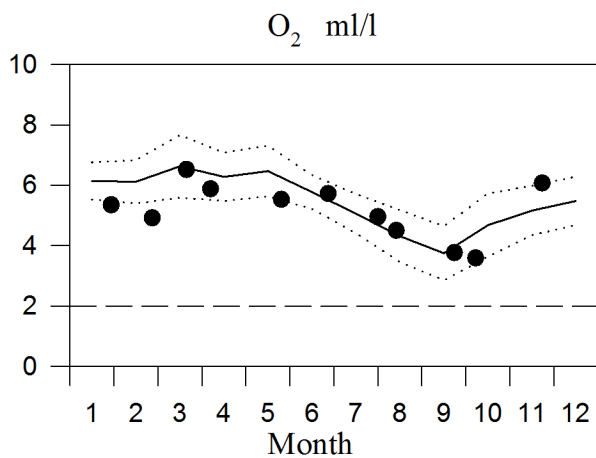
— Mean 2007-2010

..... St.Dev.

● 2013

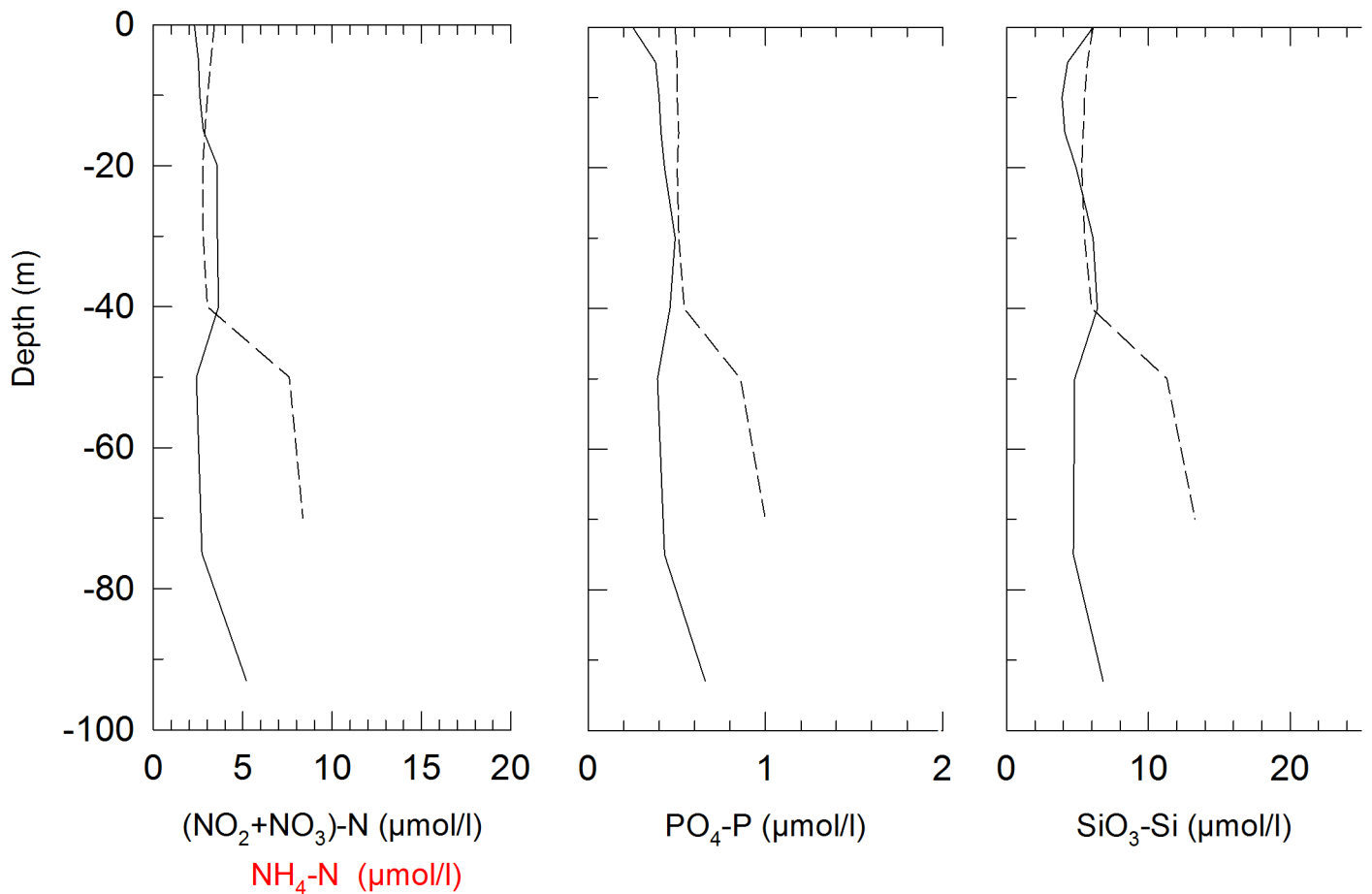
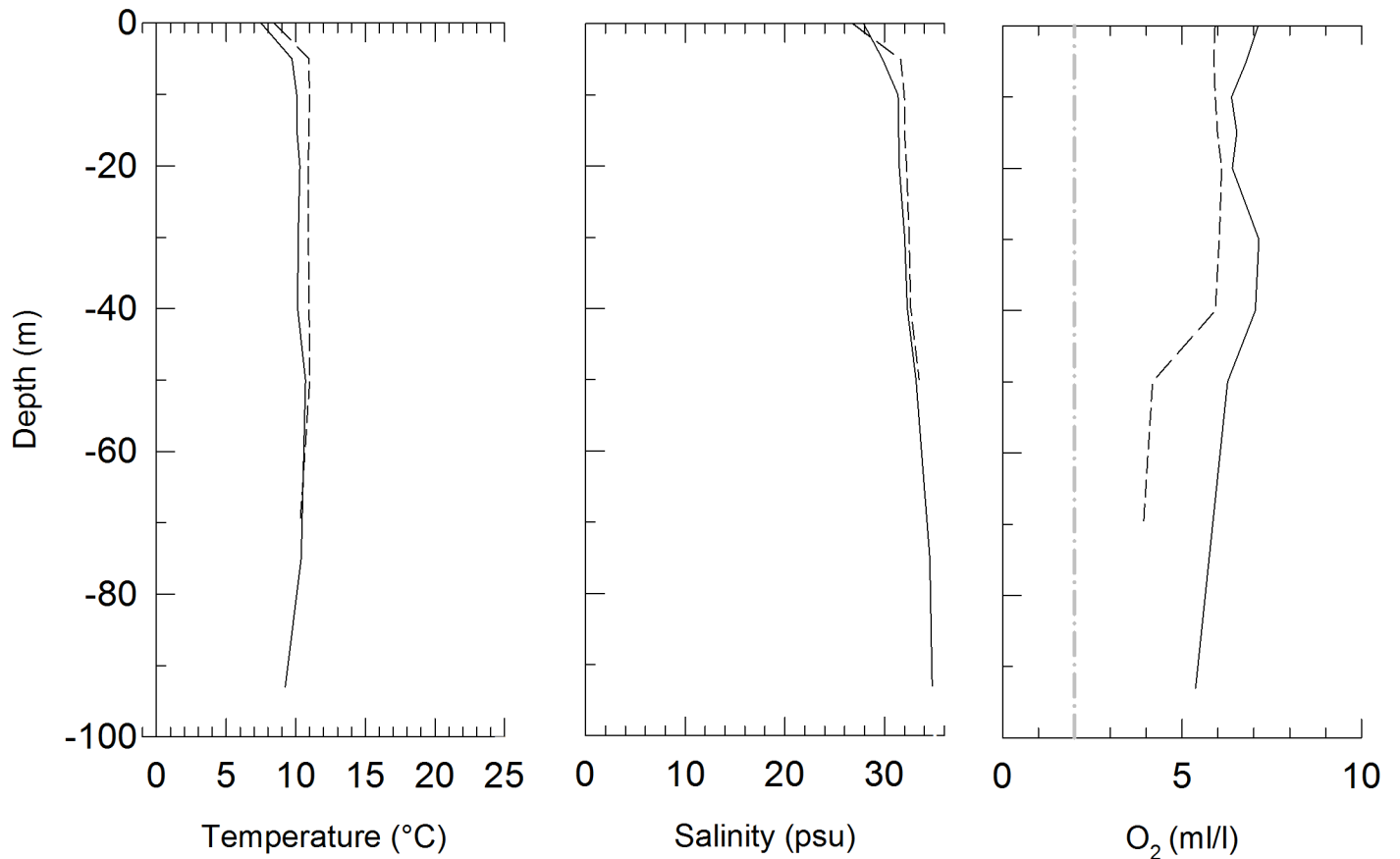


## OXYGEN IN BOTTOM WATER (depth > 25m)



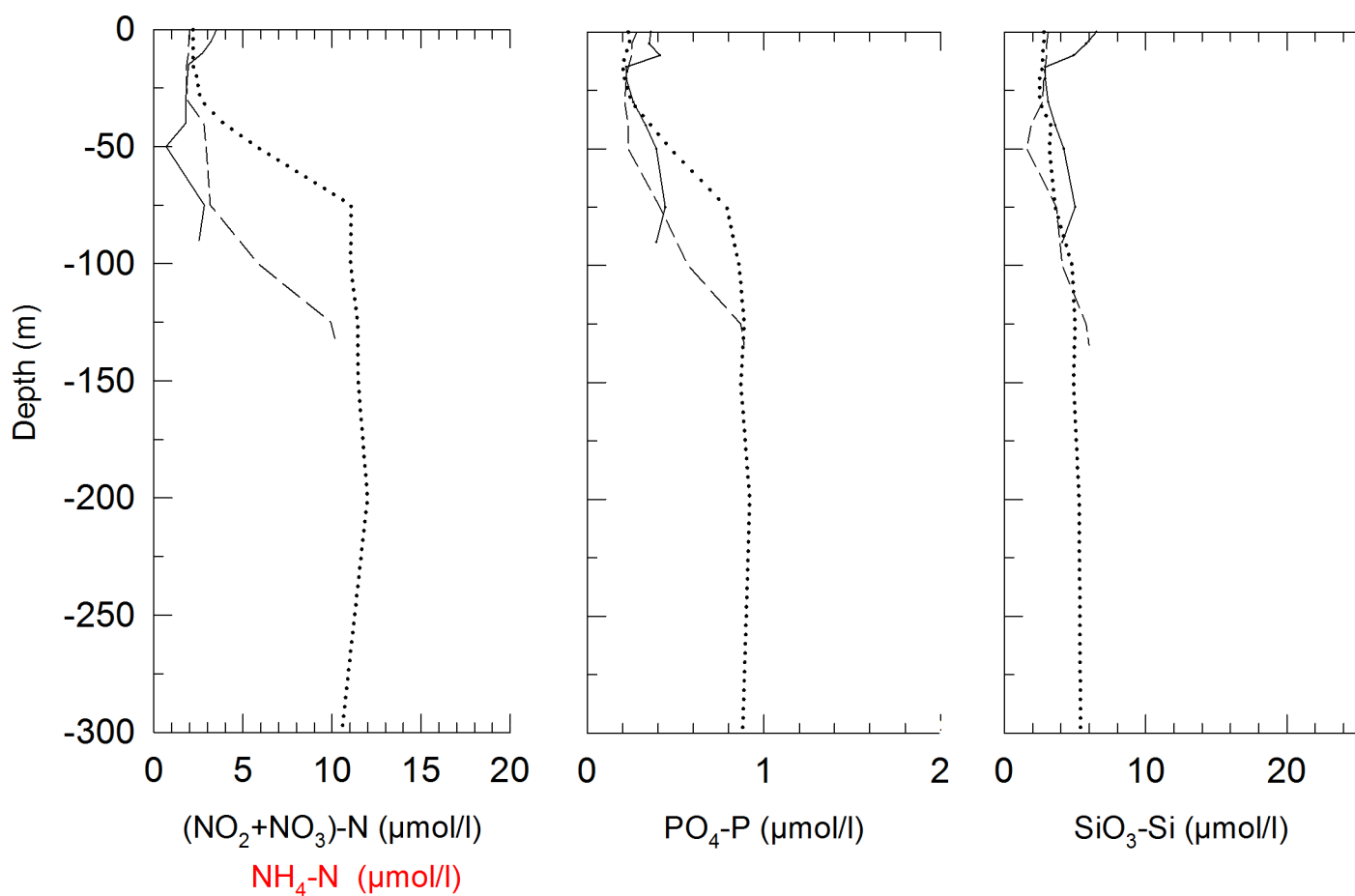
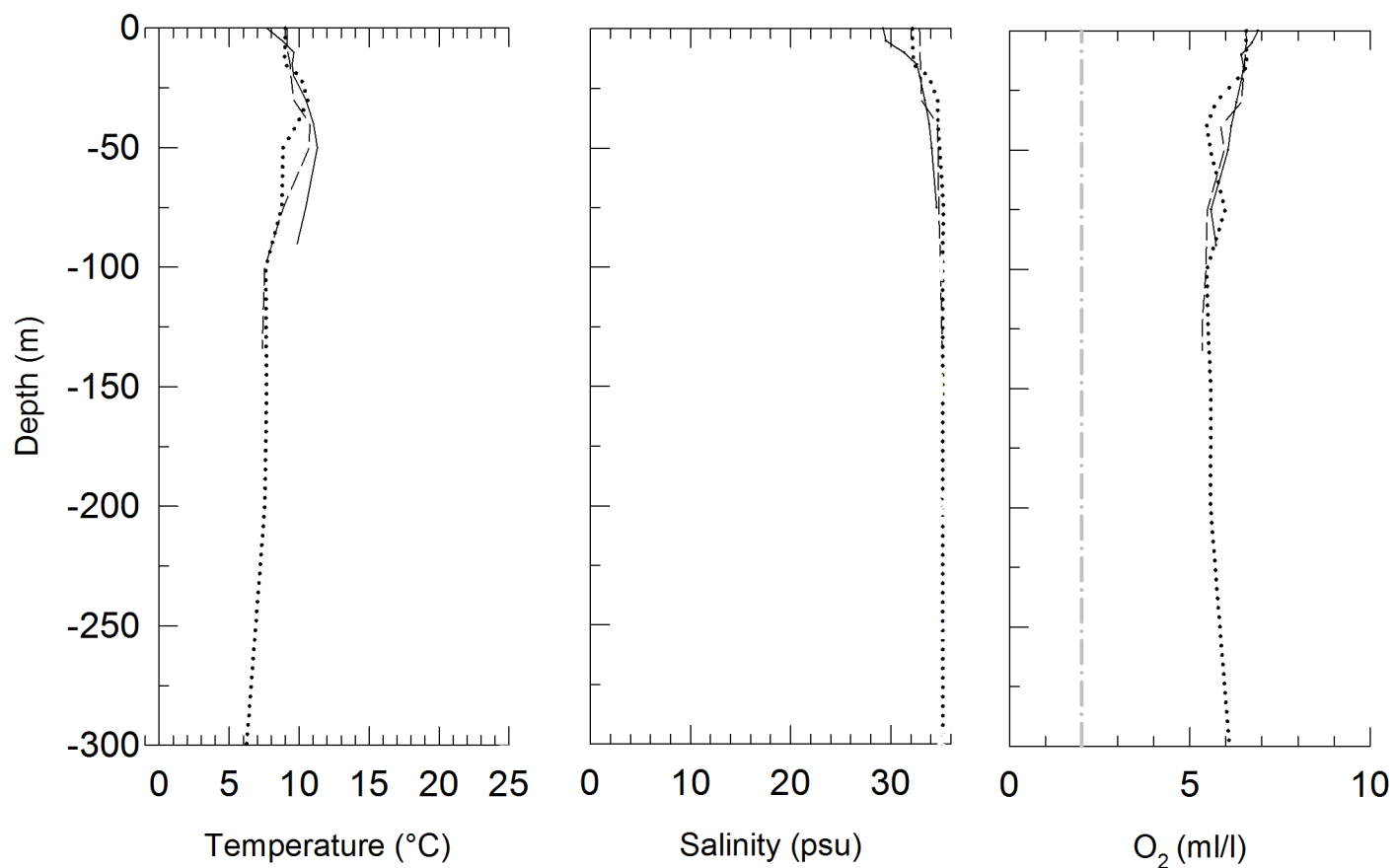
# SKAGERRAK Coast 2013-11-22

———— P2      - - - - - Släggö

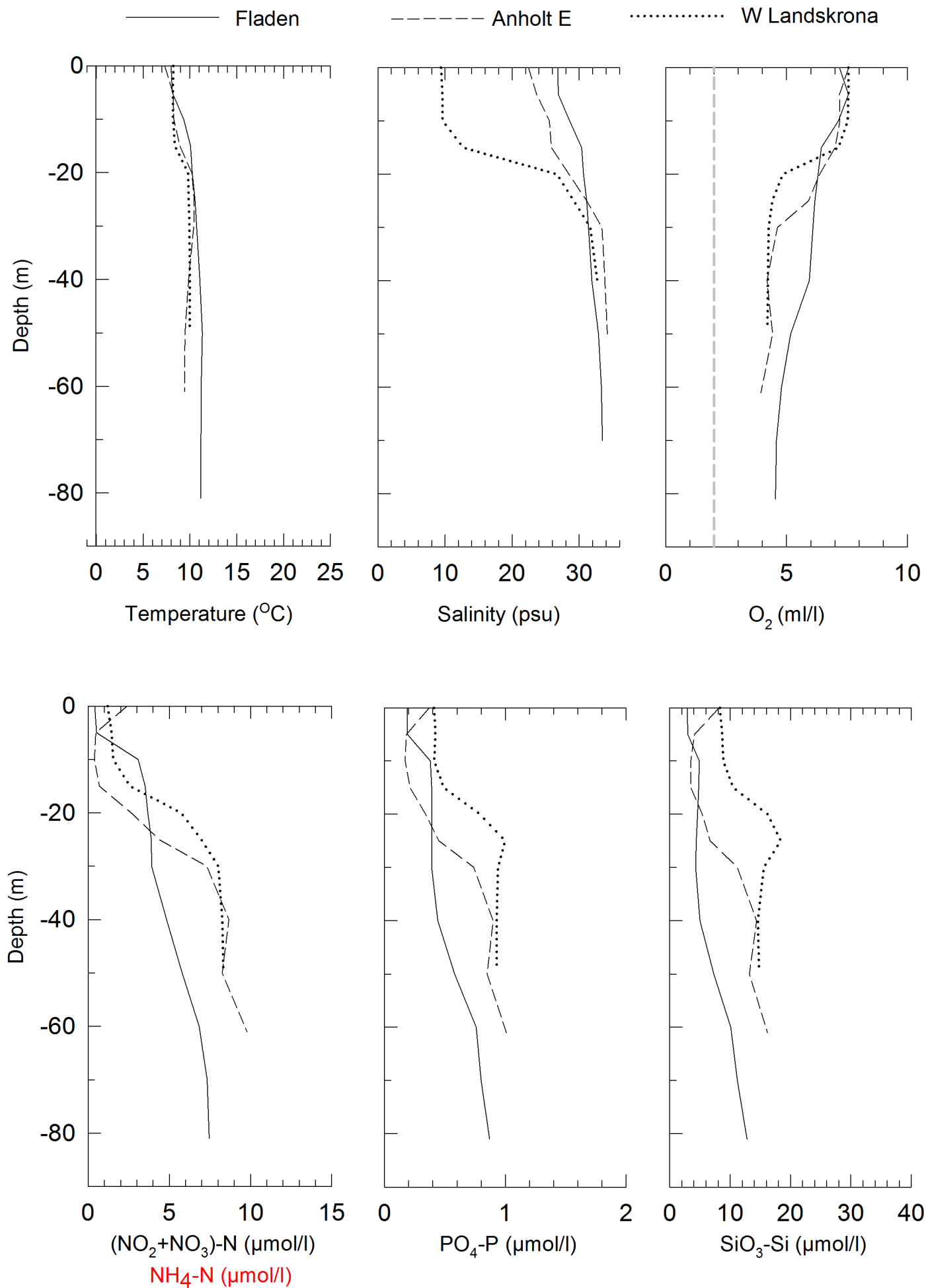


# SKAGERRAK Å-Section 2013-11-22

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



# KATTEGAT and THE SOUND 2013-11-23



# SOUTHERN BALTIC 2013-11-24

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

