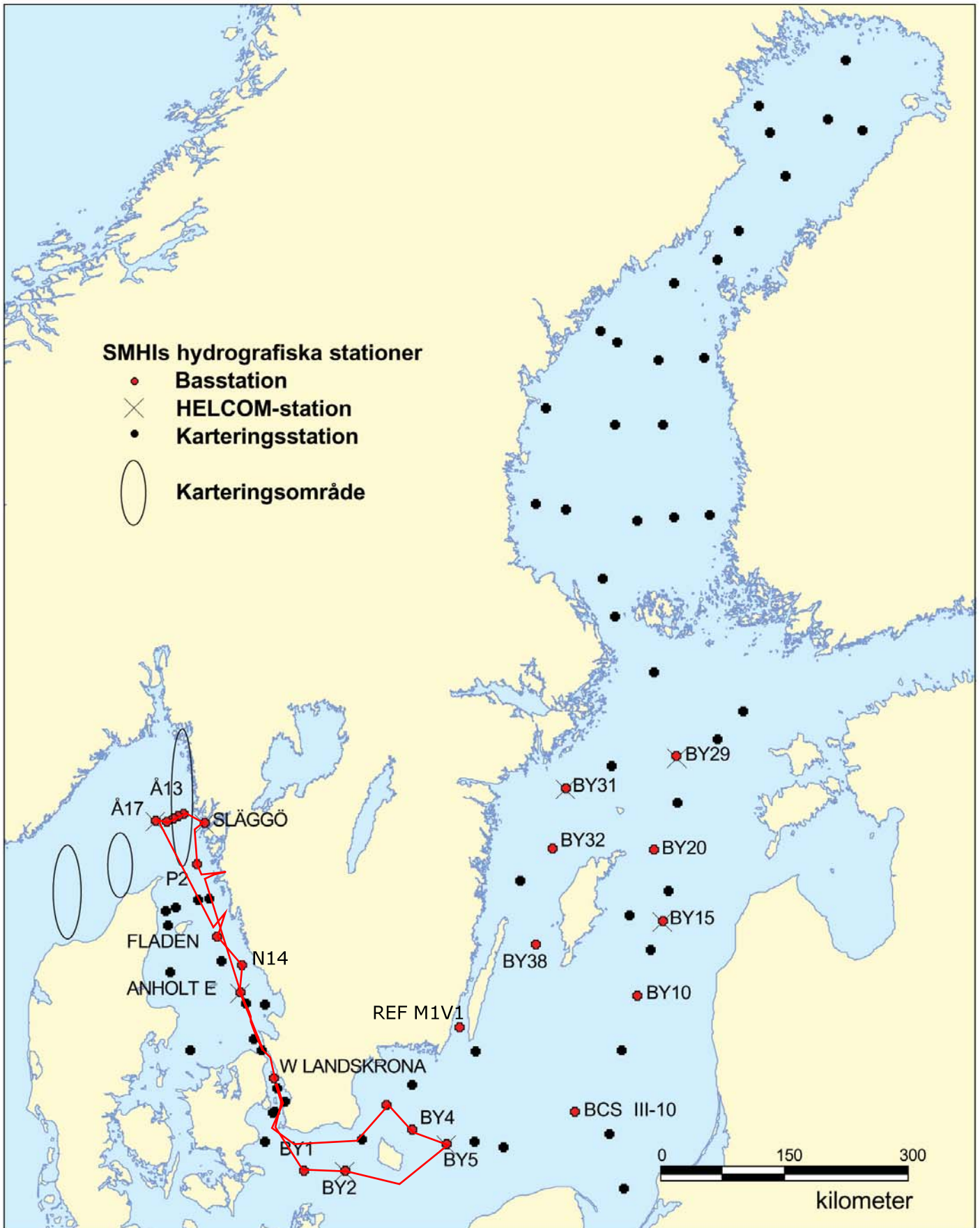


# TRACKCHART

Country: Sweden  
 Ship: KBV 001 POSEIDON  
 Date: 20131215-20131219  
 Series: 0189-0205



SMHI  
Ocean enh

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\*\*\*\*\*

Hydrographic  
series

Ship: 01-KBV 001 Poseidon  
Year: 2013

\*\*\*\*\*  
\*\*\*\*\*

Date: 2013-12-18  
Time: 19:50

| Ser<br>no | Stat<br>code | P<br>r<br>o<br>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>aoae<br>tu<br>hd | C<br>PPCPZZT<br>C<br>Cilyooa<br>motPBw<br>PrP l | No<br>de | T<br>e a<br>m l | S<br>h x<br>p i | P<br>2 o<br>y g | O<br>x x<br>- - | H<br>x x<br>- - | P<br>x x<br>- - | T<br>x x<br>- - | N<br>x x<br>- - | N<br>x x<br>- - | T<br>x x<br>- - | A<br>x x<br>- - | S<br>x x<br>- - | H<br>x x<br>- - | L<br>x x<br>- - | P<br>x x<br>- - | P<br>x x<br>- - | T<br>x x<br>- - | C<br>x x<br>- - |   |   |   |
|-----------|--------------|------------------|--------------|----------|----------|------------------|---------------------|----------------------|----------------------|---------------|------------------|--------------------|----------------------------------|-------------------------------------------------|----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---|---|---|
| 0189      | SKEX23BAS    | P2               |              | N5752    | E1118    | 20131215         | 1255                | 94                   |                      | 26 10         | 8.7              | 1009               | 4140                             | x --x----                                       | 10       | x               | x               | -               | x               | -               | x               | x               | x               | x               | -               | x               | -               | x               | -               | x               | -               | x               | -               | x | - | x |
| 0190      | FIBG27BAS    | SLÄGGÖ           |              | N5815.5  | E1126.0  | 20131215         | 1545                | 75                   |                      | 23 9          | 7.9              | 1010               | 9920                             | x --xxx--                                       | 9        | x               | x               | -               | x               | -               | x               | x               | x               | x               | -               | x               | -               | x               | -               | x               | -               | x               | -               | x |   |   |
| 0191      | SKEX14BAS    | Å13              |              | N5820.2  | E1102    | 20131215         | 1820                | 96                   |                      | 24 12         | 8.0              | 1011               | 9990                             | x --x----                                       | 10       | x               | x               | -               | x               | -               | x               | x               | x               | x               | -               | x               | -               | x               | -               | x               | -               | x               | -               | x |   |   |
| 0192      | SKEX15BAS    | Å14              |              | N5819    | E1056.5  | 20131215         | 1911                | 110                  |                      | 23 11         | 8.0              | 1012               | 9990                             | x -----                                         | 10       | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | - |   |   |
| 0193      | SKEX16BAS    | Å15              |              | N5817.7  | E1051    | 20131215         | 2015                | 132                  |                      | 21 10         | 7.5              | 1011               | 9990                             | x --x----                                       | 12       | x               | x               | -               | x               | -               | x               | x               | x               | x               | -               | x               | -               | x               | -               | x               | -               | x               | -               | x |   |   |
| 0194      | SKEX17BAS    | Å16              |              | N5816    | E1043.5  | 20131215         | 2110                | 202                  |                      | 20 10         | 7.1              | 1011               | 9990                             | x -----                                         | 13       | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | -               | - |   |   |
| 0195      | SKEX18BAS    | Å17              |              | N5816.5  | E1030.8  | 20131215         | 2230                | 335                  |                      | 19 17         | 7.0              | 1009               | 6990                             | x --xx---                                       | 14       | x               | x               | x               | x               | -               | x               | x               | x               | x               | -               | x               | x               | x               | -               | x               | -               | x               | -               | x |   |   |
| 0196      | KANX25BAS    | FLADEN           |              | N5711.5  | E1140    | 20131216         | 1145                | 85                   |                      | 20 15         | 6.9              | 1008               | 2840                             | x --x----                                       | 12       | x               | x               | -               | x               | -               | x               | x               | x               | x               | -               | x               | -               | x               | -               | x               | -               | x               | -               | x |   |   |
| 0197      | KANX50BAS    | N14 FALKENBERG   |              | N5656.40 | E1212.70 | 20131216         | 1450                | 30                   |                      | 20 16         | 7.1              | 1009               | 2850                             | x -xxx---                                       | 7        | x               | x               | x               | x               | -               | x               | x               | x               | x               | -               | x               | x               | x               | -               | x               | -               | x               | -               | x |   |   |
| 0198      | KAEX29BAS    | ANHOLT E         |              | N5640.0  | E1207.0  | 20131216         | 1740                | 61                   |                      | 21 17         | 7.9              | 1009               | 9950                             | x --xx---                                       | 10       | x               | x               | x               | x               | -               | x               | x               | x               | x               | -               | x               | x               | x               | -               | x               | -               | x               | -               | x |   |   |
| 0199      | SOCX39BAS    | W LANDSKRONA     |              | N5552.0  | E1245.0  | 20131216         | 2305                | 49                   |                      | 21 12         | 9.3              | 1013               | 9990                             | x --x----                                       | 9        | x               | x               | -               | x               | -               | x               | x               | x               | x               | -               | x               | -               | x               | -               | x               | -               | x               | -               | x |   |   |
| 0200      | BPSA02BAS    | BY1              |              | N5500    | E1318    | 20131217         | 0715                | 45                   |                      | 22 8          | 6.5              | 1015               | 9930                             | x --x----                                       | 8        | x               | x               | -               | x               | -               | x               | x               | x               | x               | -               | x               | -               | x               | -               | x               | -               | x               | -               | x |   |   |
| 0201      | BPSA03BAS    | BY2 ARKONA       |              | N5500    | E1405    | 20131217         | 1015                | 46                   | 7                    | 23 10         | 7.4              | 1016               | 2830                             | x --xxx--                                       | 8        | x               | x               | -               | x               | -               | x               | x               | x               | x               | x               | -               | x               | -               | x               | -               | x               | -               | x               |   |   |   |
| 0202      | BPSB07BAS    | BY5 BORNHOLMSDJ  |              | N5515    | E1559    | 20131217         | 1730                | 89                   |                      | 31 9          | 5.7              | 1019               | 9990                             | x --xxx--                                       | 12       | x               | x               | x               | -               | x               | -               | x               | x               | x               | -               | x               | -               | x               | -               | x               | -               | x               | -               | x |   |   |
| 0203      | BPSB06BAS    | BY4 CHRISTIANSÖ  |              | N5523    | E1520    | 20131217         | 2045                | 91                   |                      | 30 8          | 5.2              | 1020               | 9990                             | x --x----                                       | 12       | x               | x               | -               | x               | -               | x               | x               | x               | x               | -               | x               | -               | x               | -               | x               | -               | x               | -               | x |   |   |
| 0204      | BPSH05BAS    | HANÖBUKTEN       |              | N5537    | E1452    | 20131217         | 2315                | 78                   |                      | 31 3          | 4.3              | 1021               | 9990                             | x --x----                                       | 11       | x               | x               | -               | x               | -               | x               | x               | x               | x               | -               | x               | -               | x               | -               | x               | -               | x               | -               | x |   |   |
| 0205      | KAEX29BAS    | ANHOLT E         |              | N5640.0  | E1207.0  | 20131218         | 1715                | 60                   |                      | 16 10         | 5.9              | 1010               | 9990                             | - --xxx--                                       | 10       | x               | x               | x               | -               | x               | -               | x               | x               | x               | -               | x               | -               | x               | -               | x               | -               | x               | -               | x |   |   |

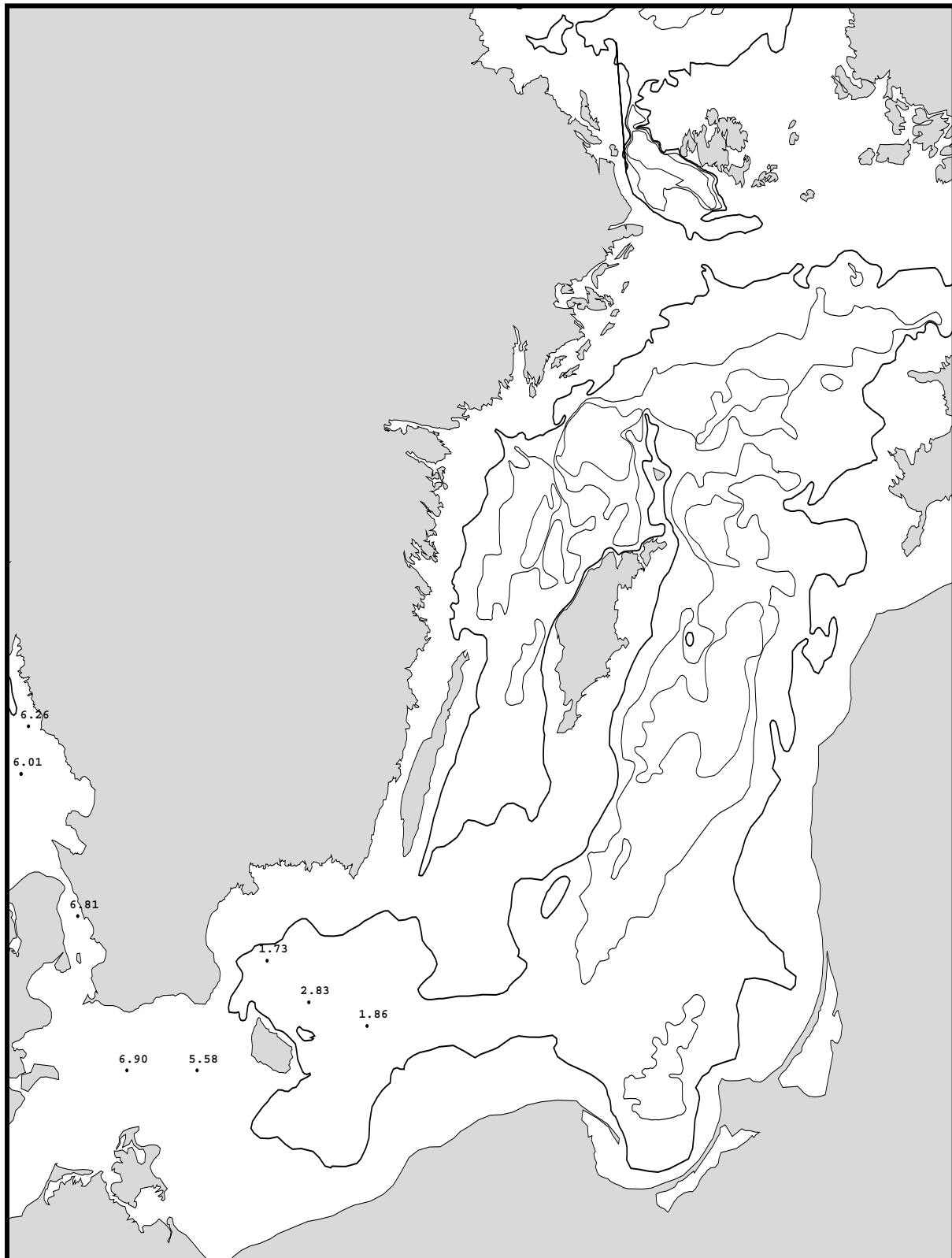
# Bottom water oxygen concentration (ml/l)

Country: Sweden

Ship : KBV 001 Poseidon

Date : 20131215-20131218

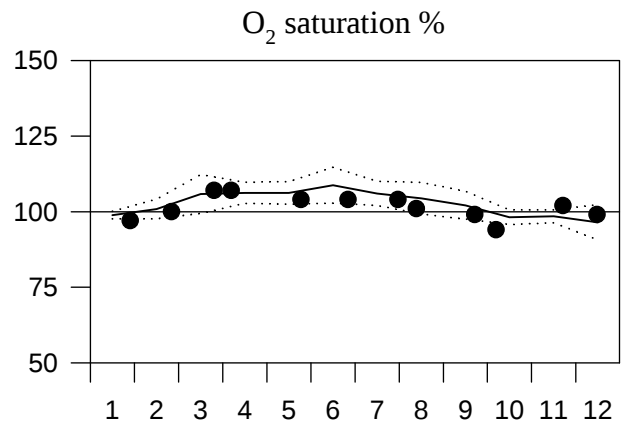
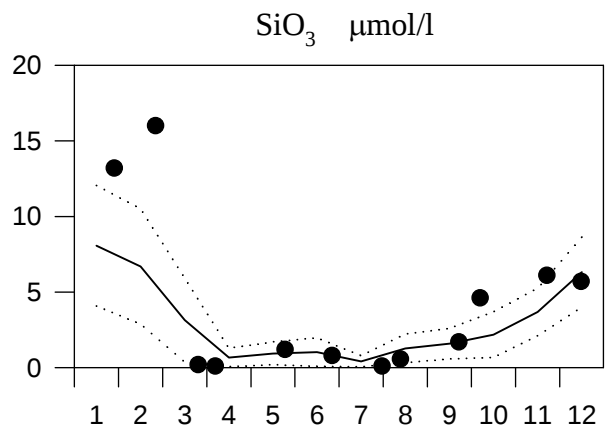
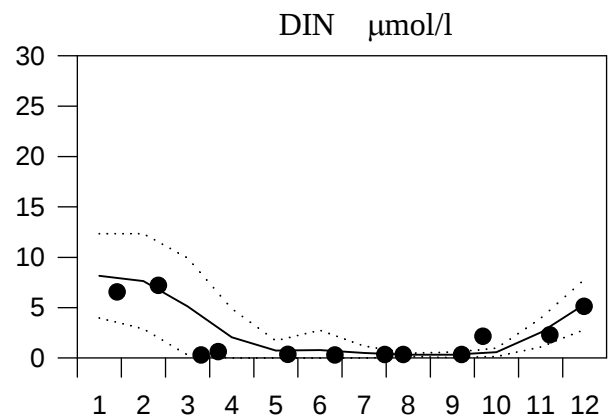
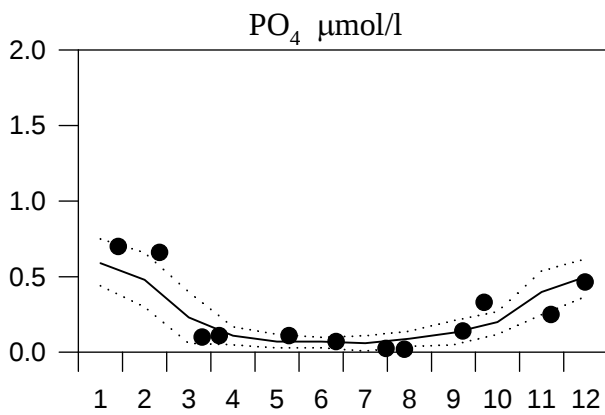
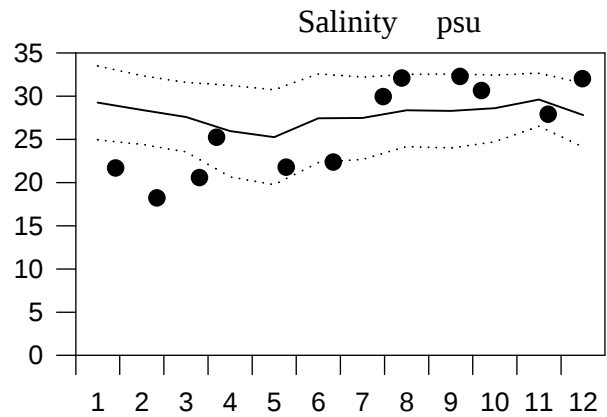
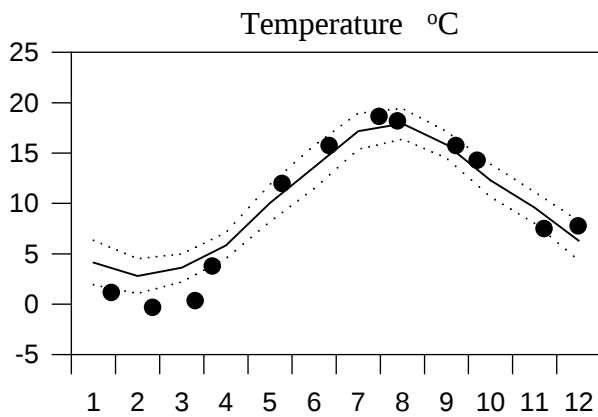
Series : 0189-0205



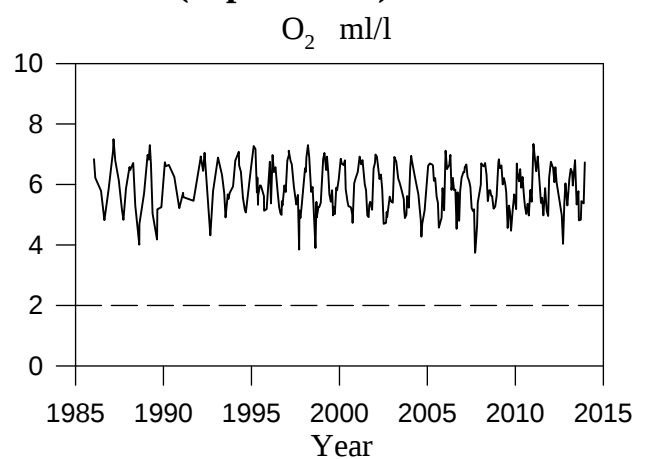
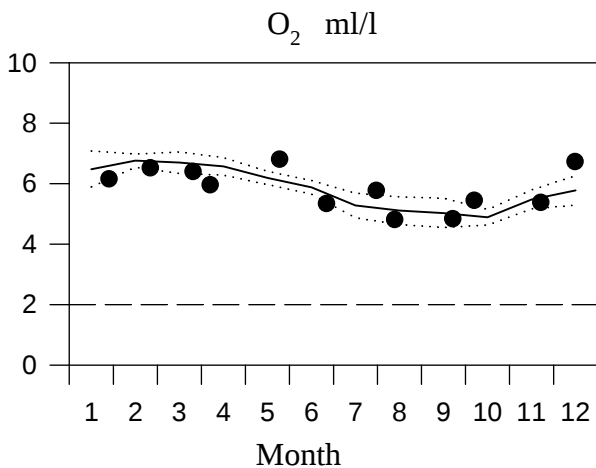
# STATION P2 SURFACE WATER

## Annual Cycles

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



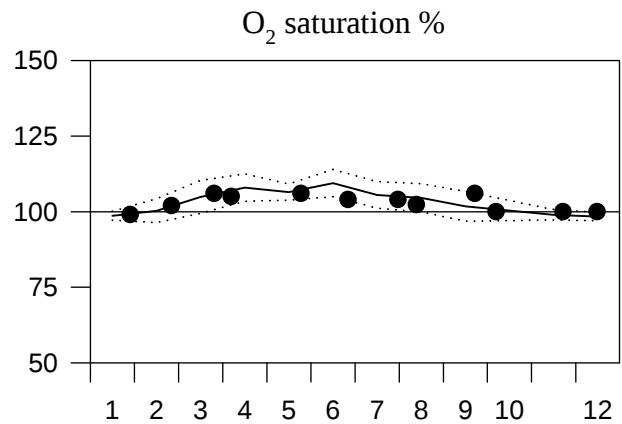
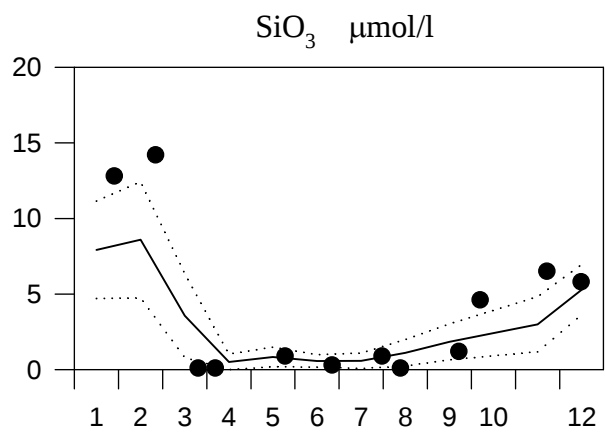
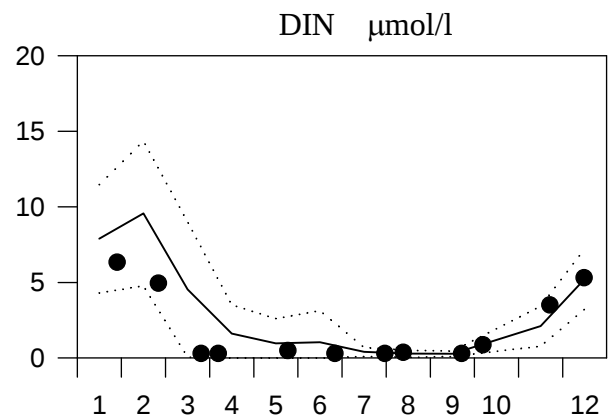
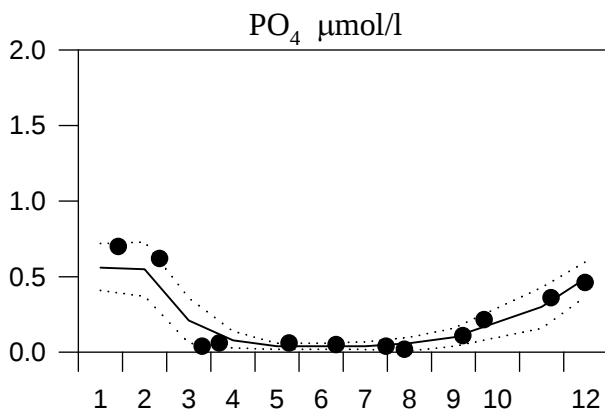
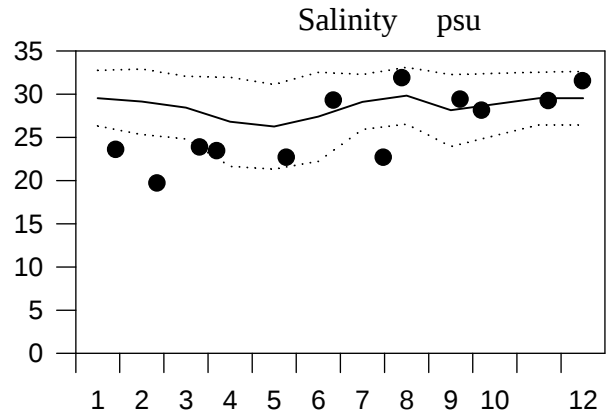
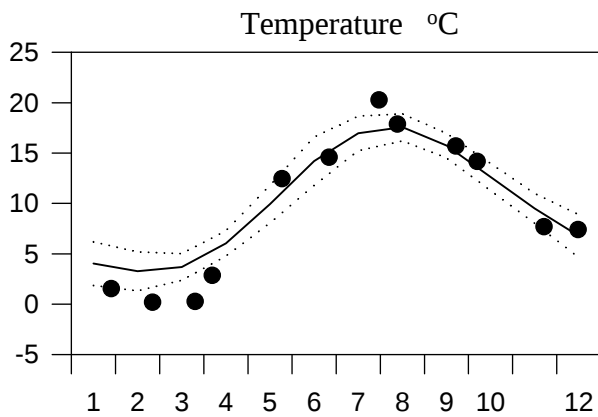
## OXYGEN IN BOTTOM WATER (depth >75m)



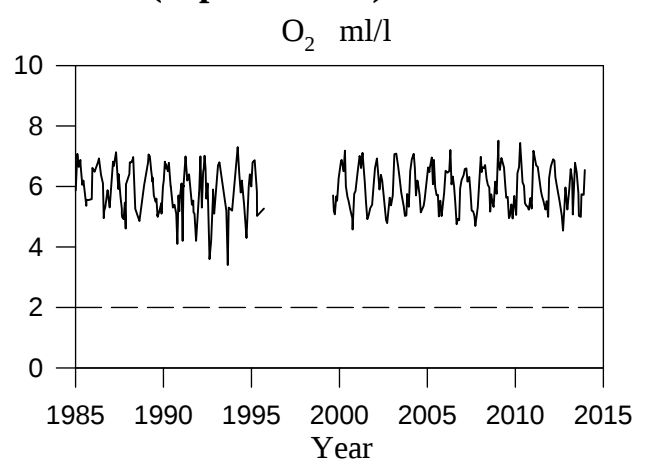
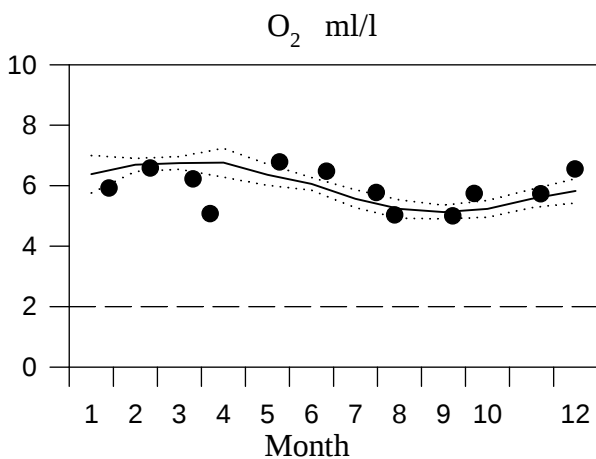
# STATION Å13 SURFACE WATER

## Annual Cycles

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



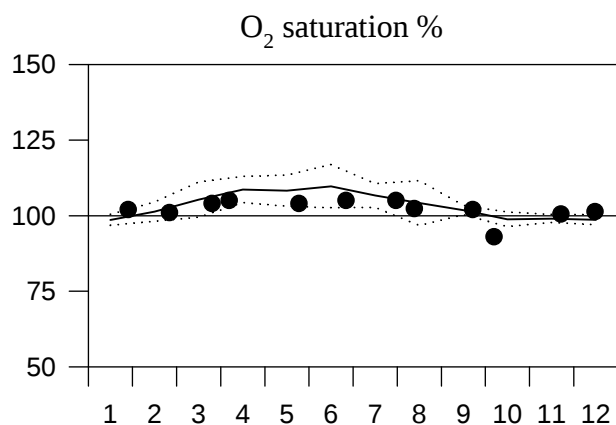
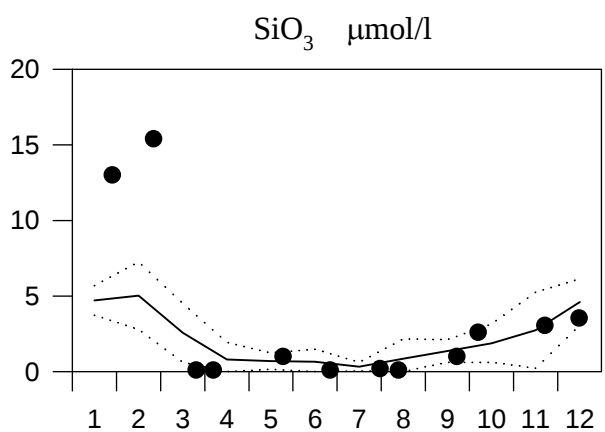
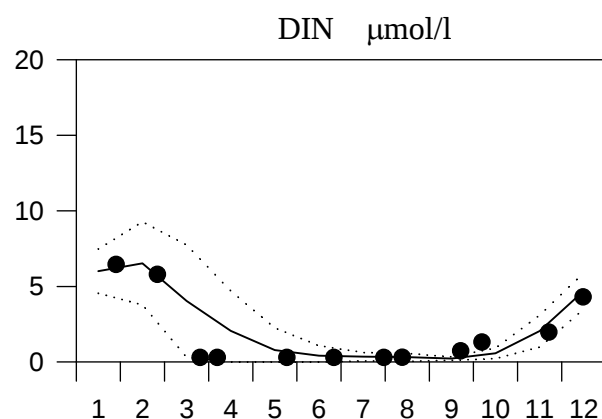
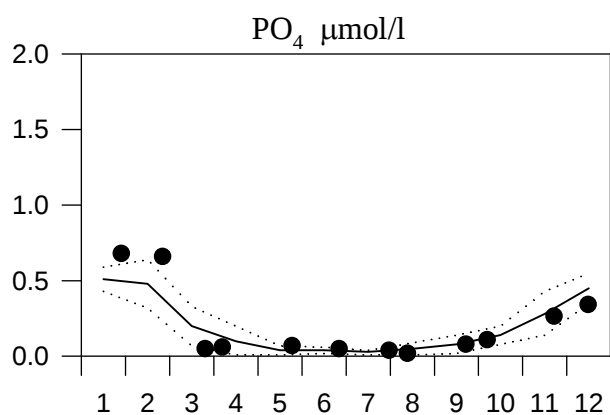
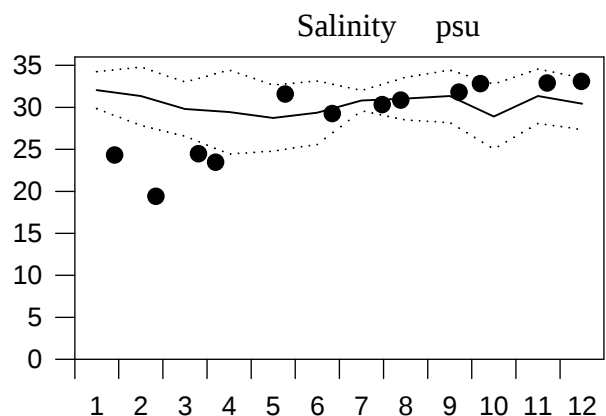
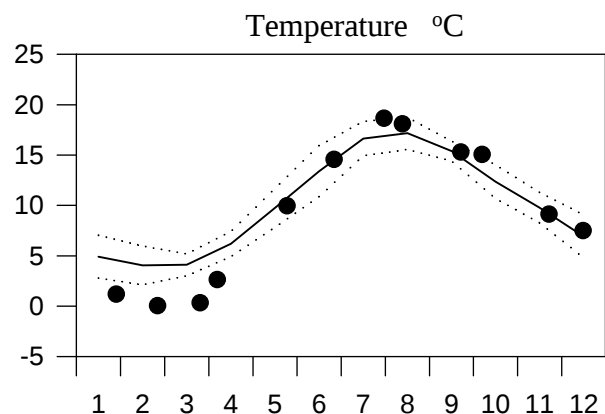
## OXYGEN IN BOTTOM WATER (depth >=75m)



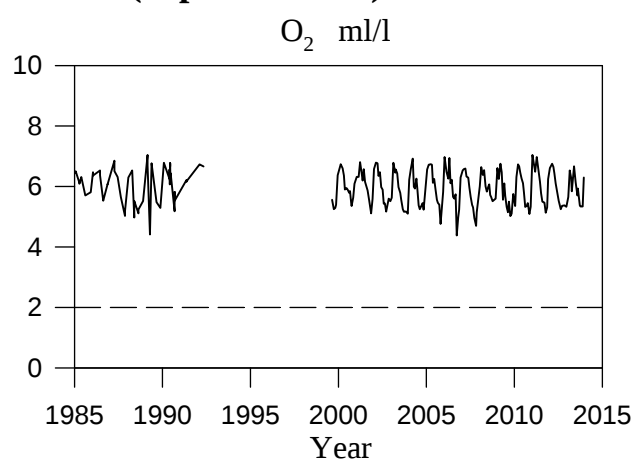
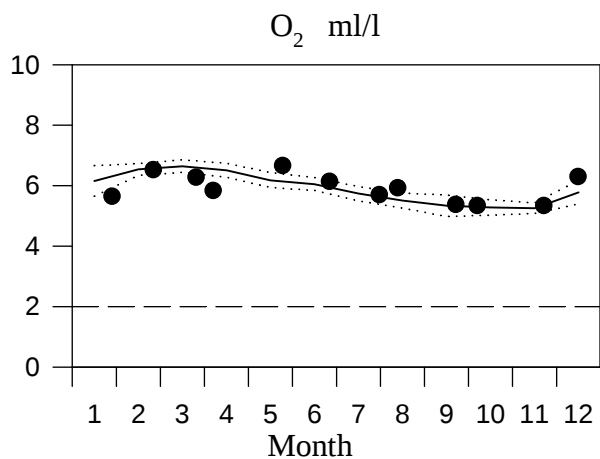
# STATION Å15 SURFACE WATER

## Annual Cycles

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



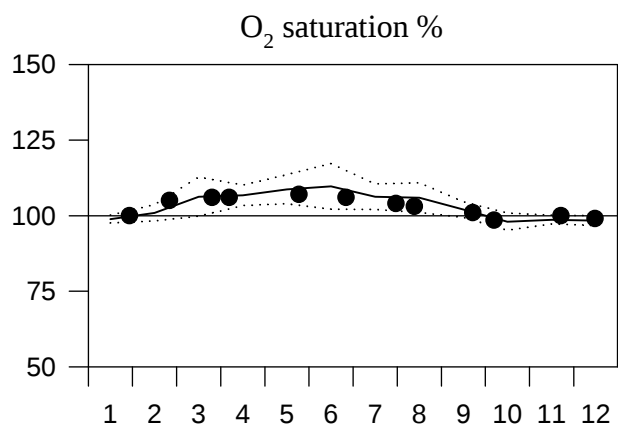
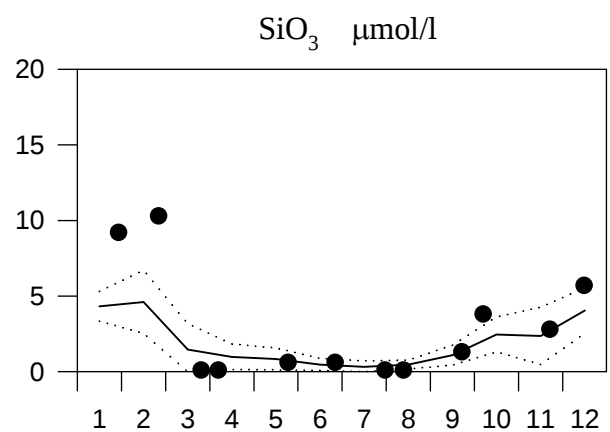
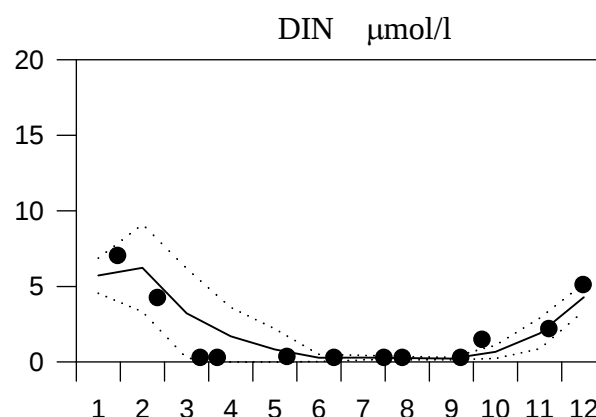
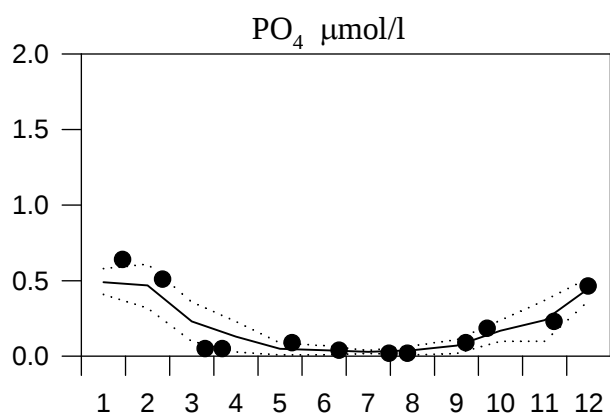
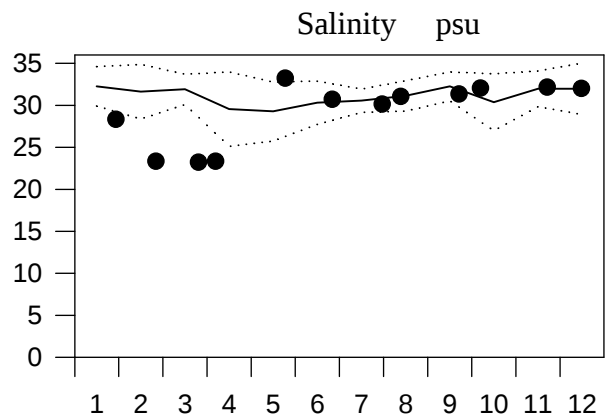
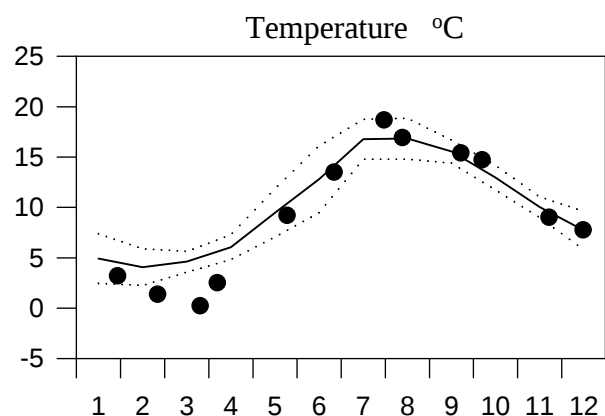
## OXYGEN IN BOTTOM WATER (depth >=125m)



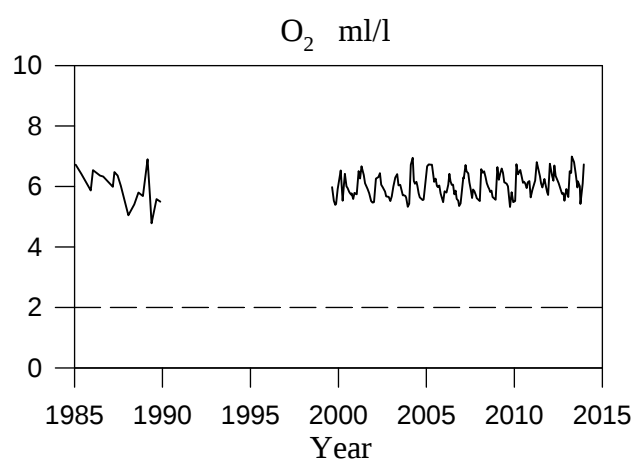
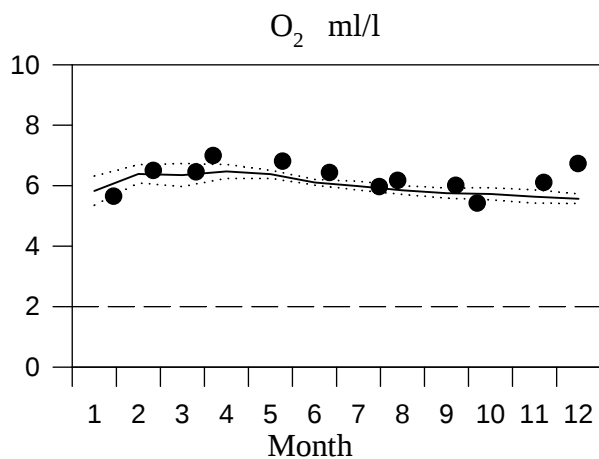
# STATION Å17 SURFACE WATER

## Annual Cycles

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



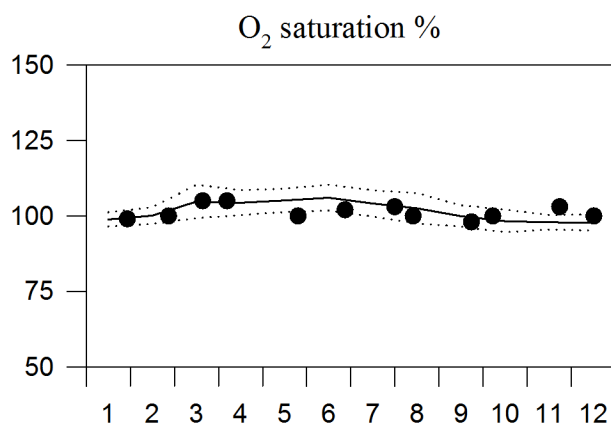
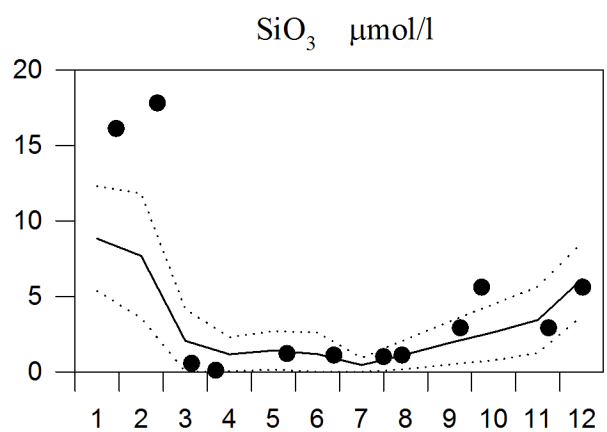
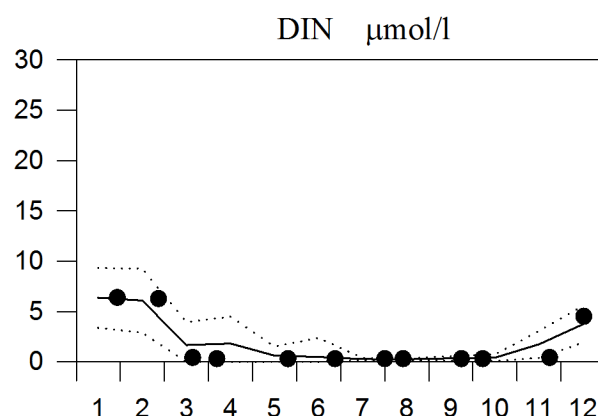
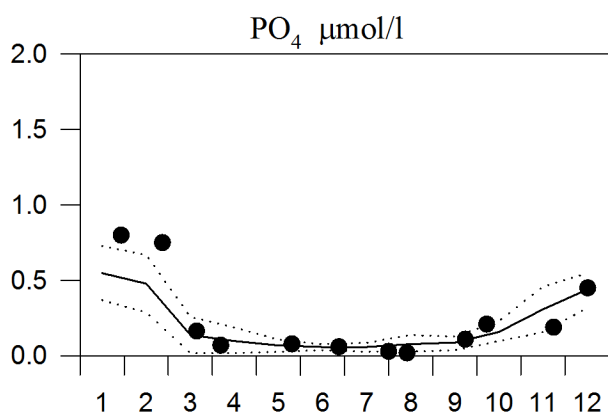
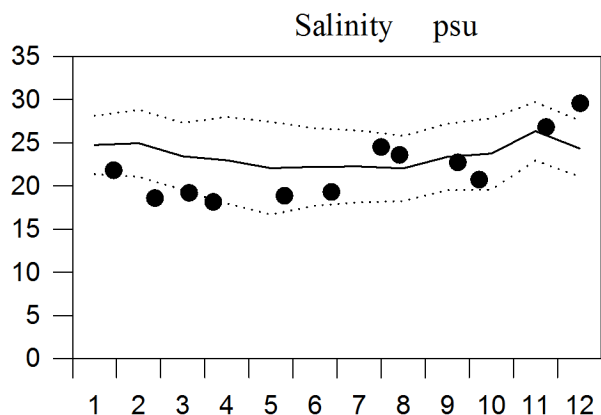
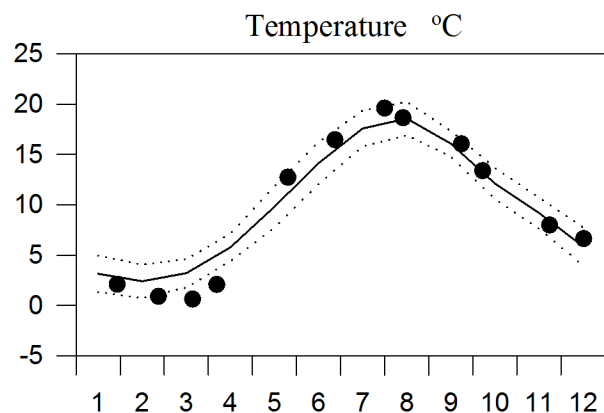
## OXYGEN IN BOTTOM WATER (depth = 300m)



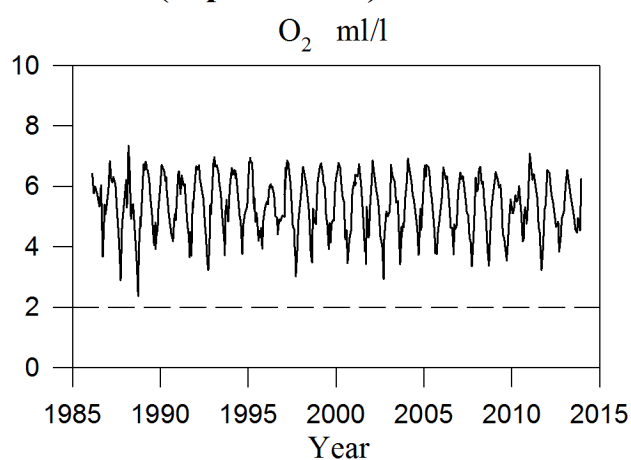
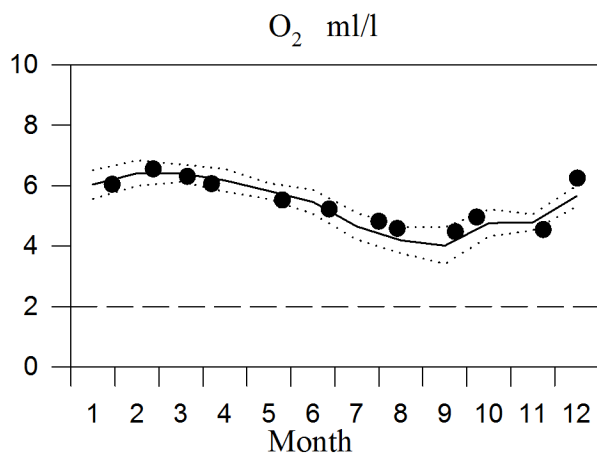
# STATION FLADEN SURFACE WATER

## Annual Cycles

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



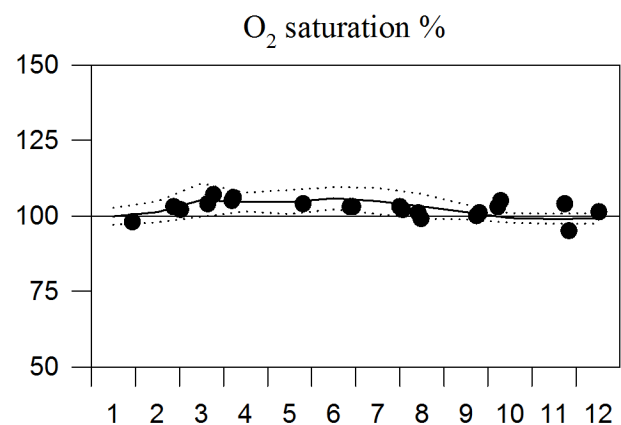
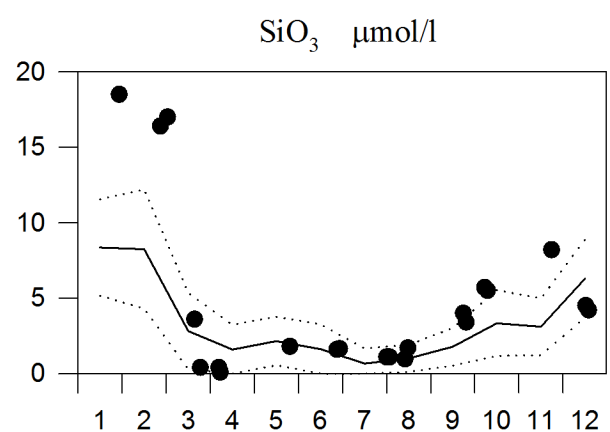
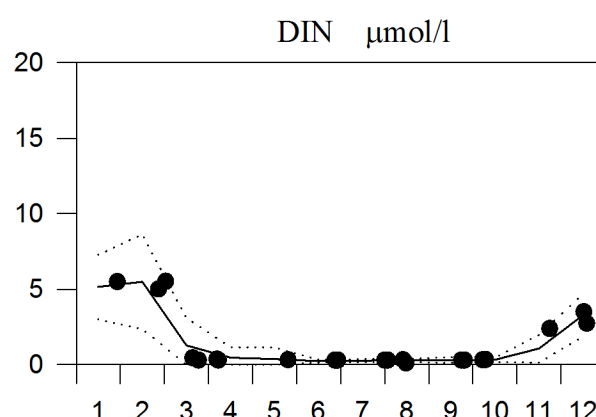
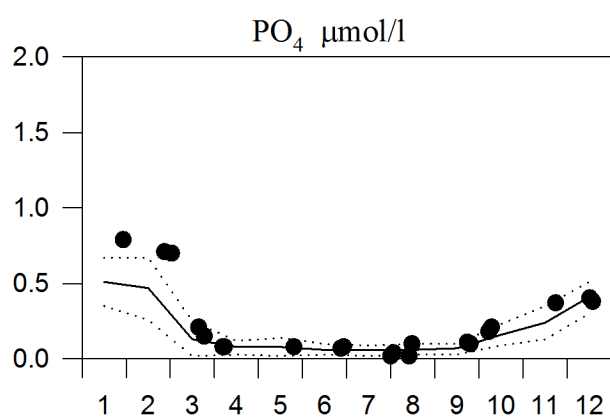
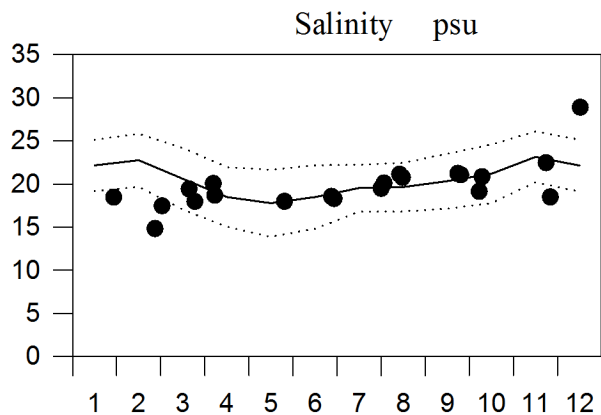
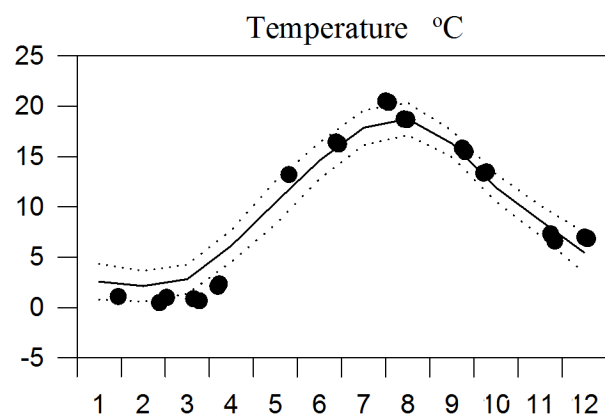
## OXYGEN IN BOTTOM WATER (depth > 70m)



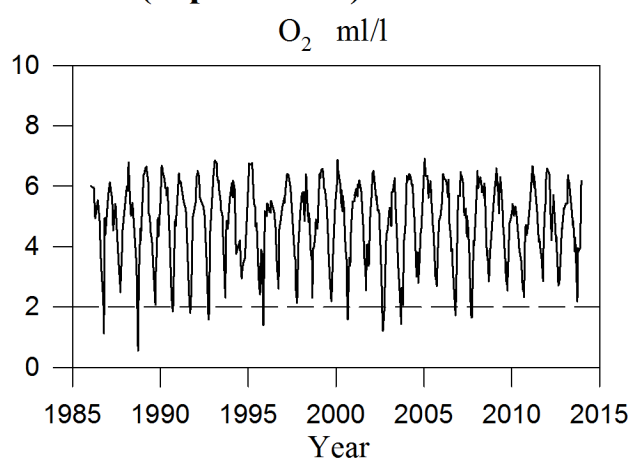
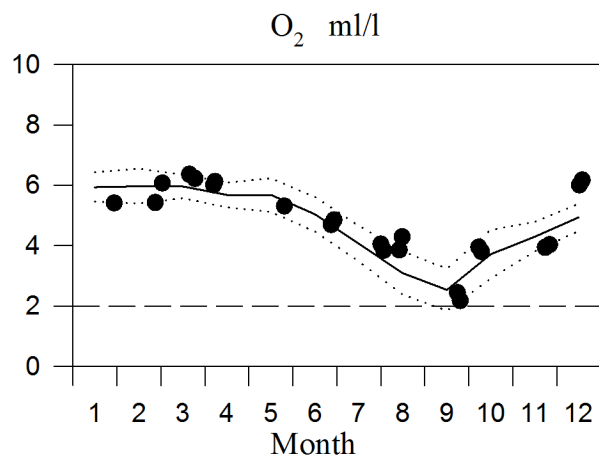
# STATION ANHOLT E SURFACE WATER

## Annual Cycles

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



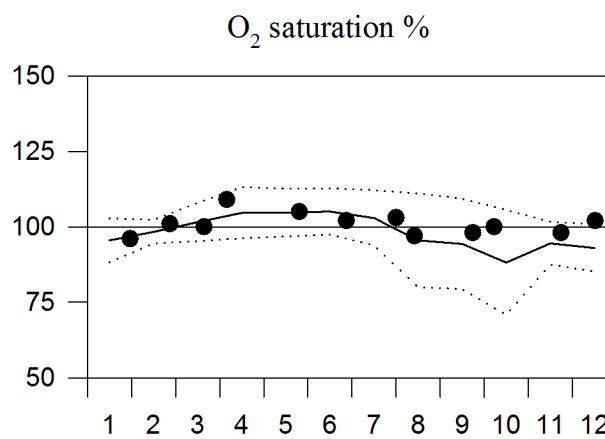
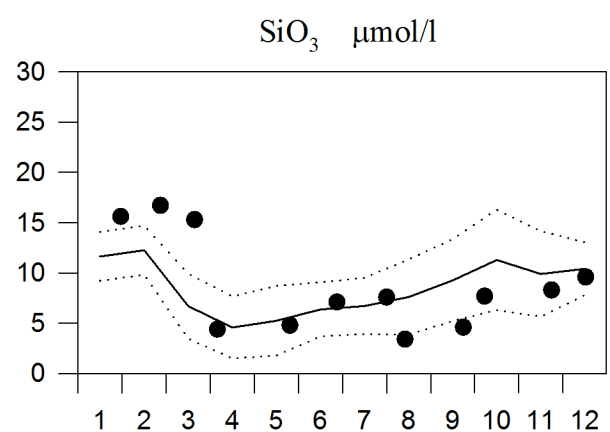
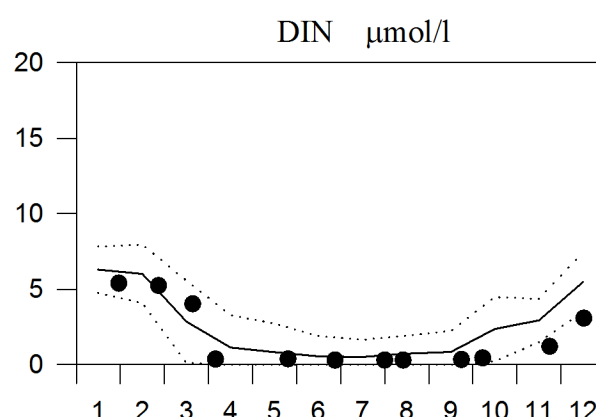
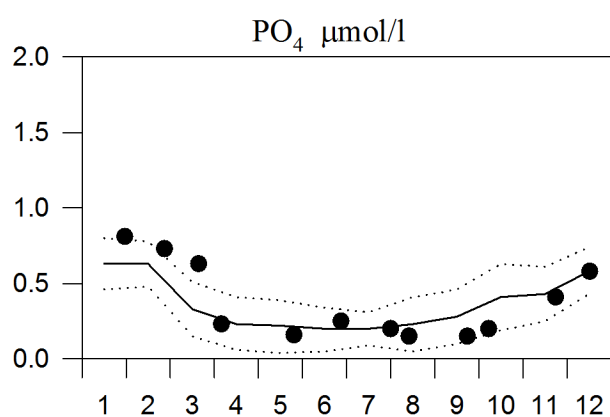
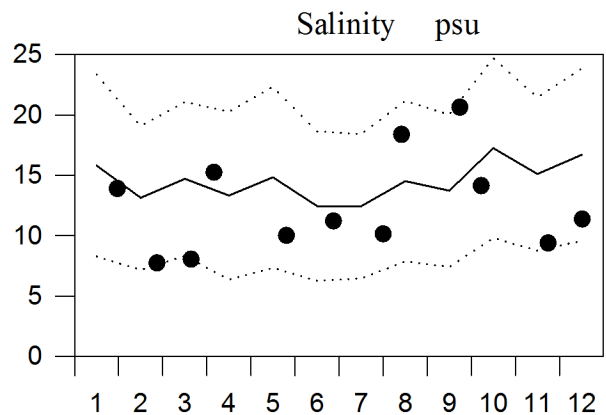
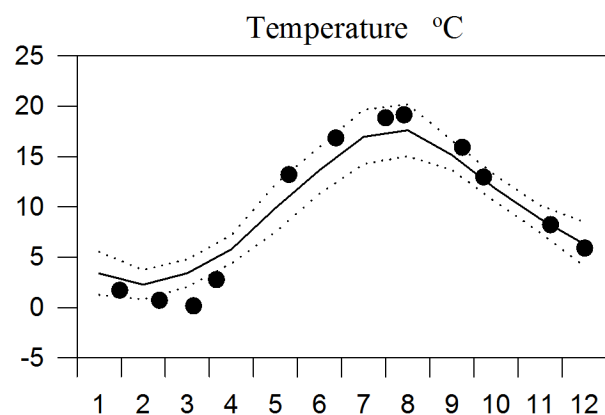
## OXYGEN IN BOTTOM WATER (depth > 50m)



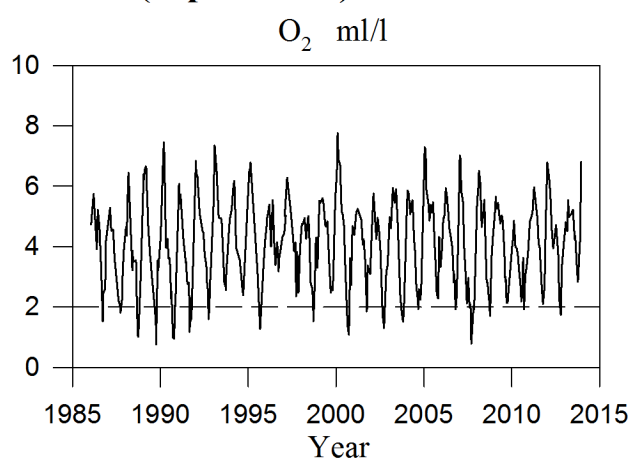
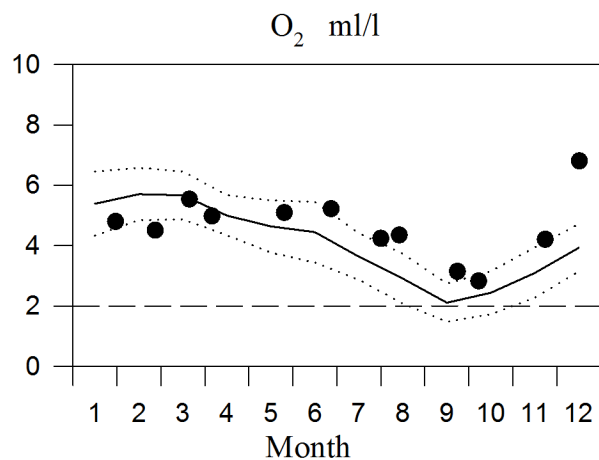
# STATION W LANDSKRONA SURFACE WATER

## Annual Cycles

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



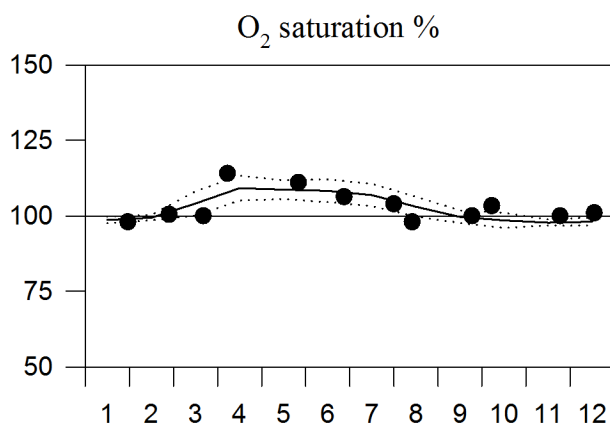
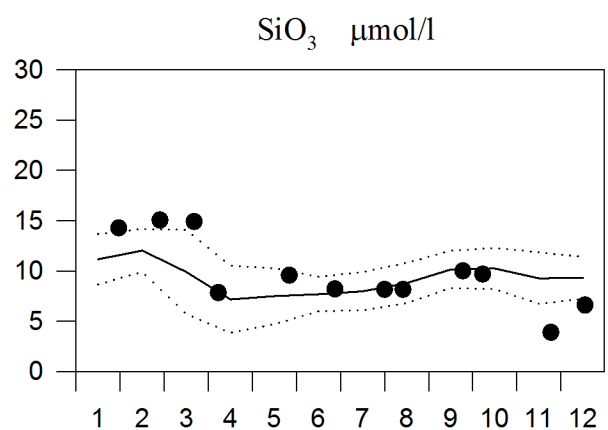
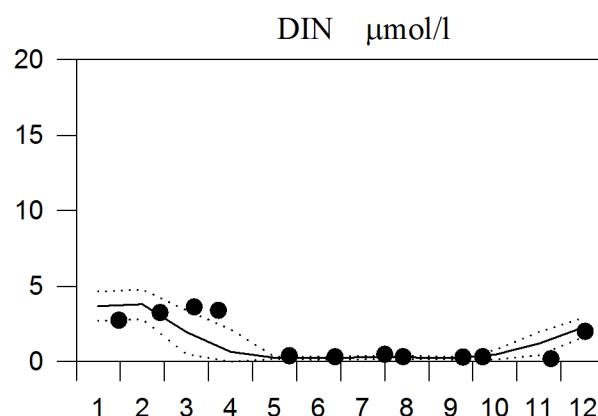
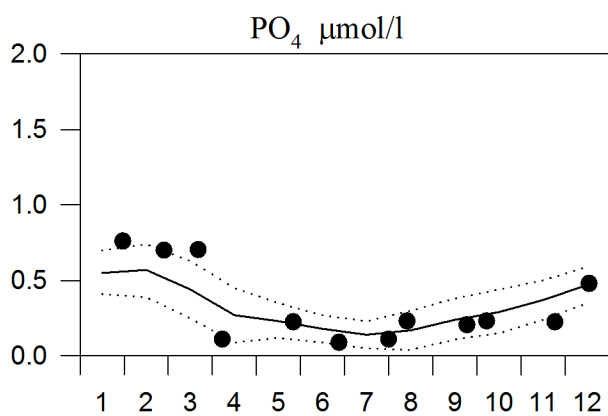
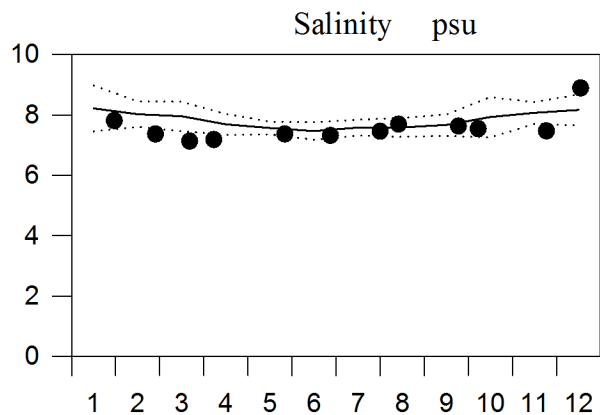
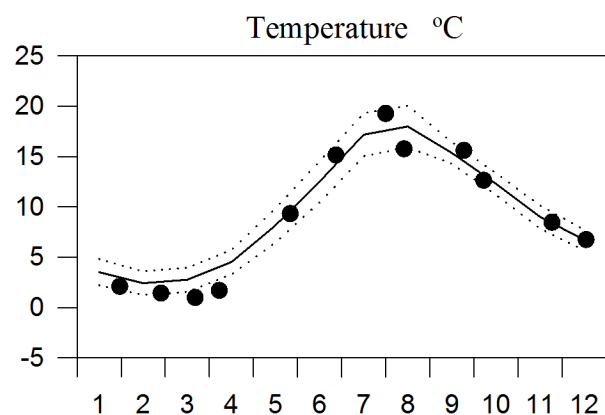
## OXYGEN IN BOTTOM WATER (depth >40m)



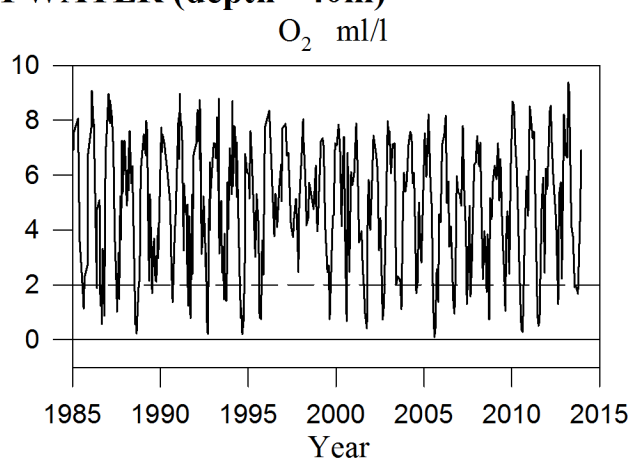
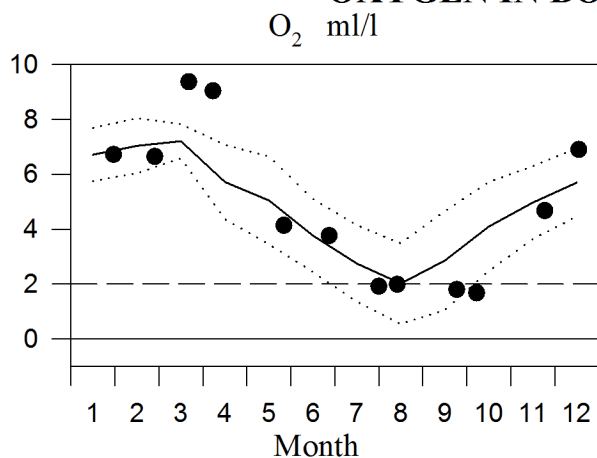
# STATION BY1 SURFACE WATER

## Annual Cycles

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



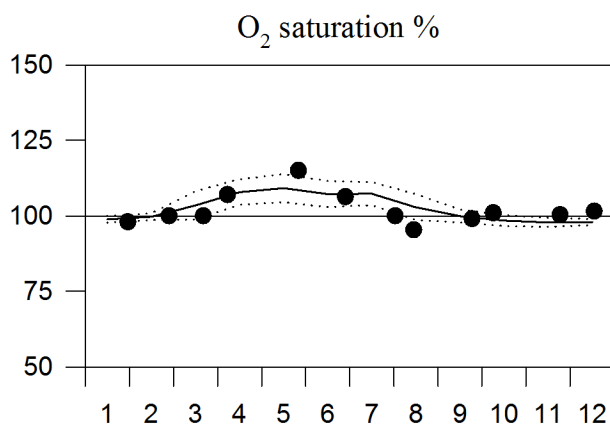
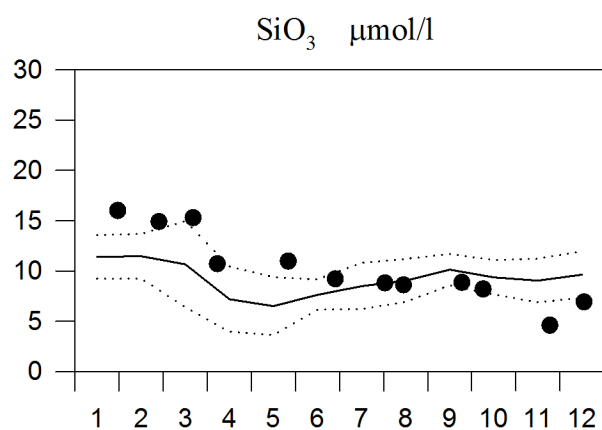
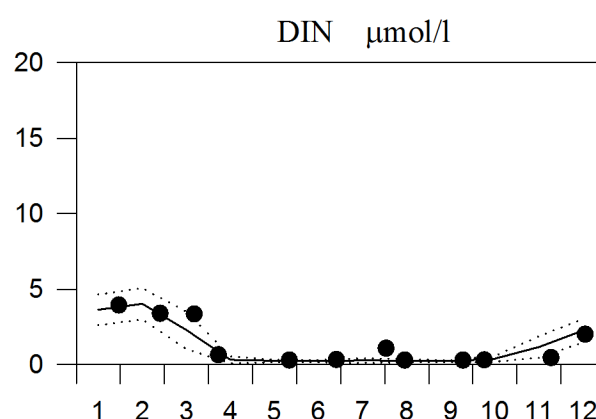
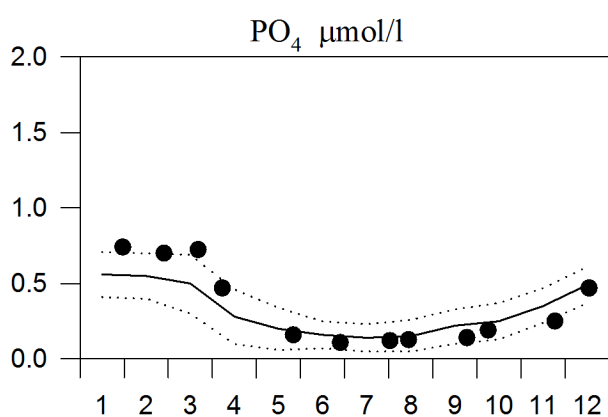
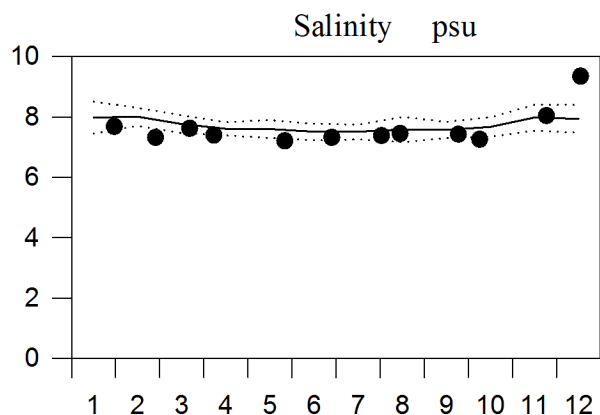
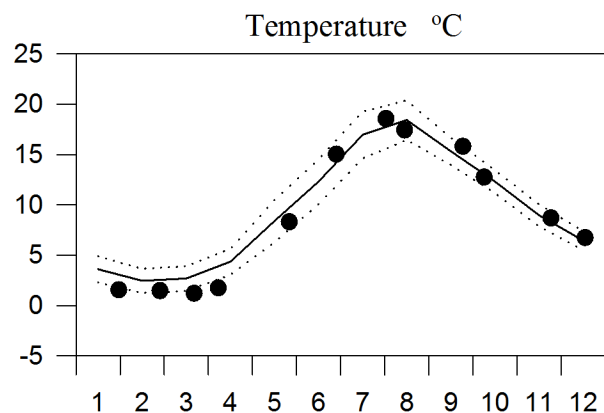
## OXYGEN IN BOTTOM WATER (depth >40m)



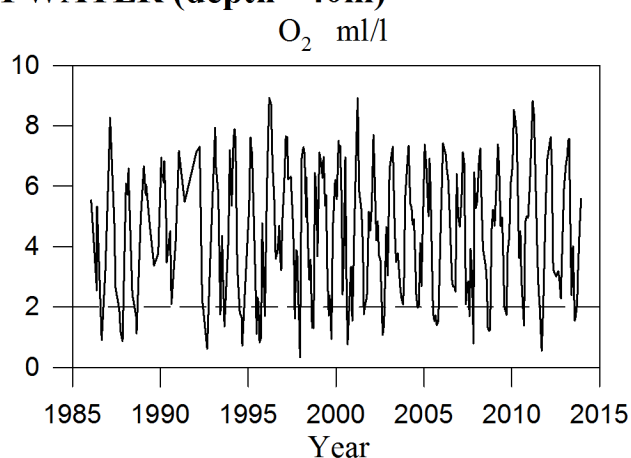
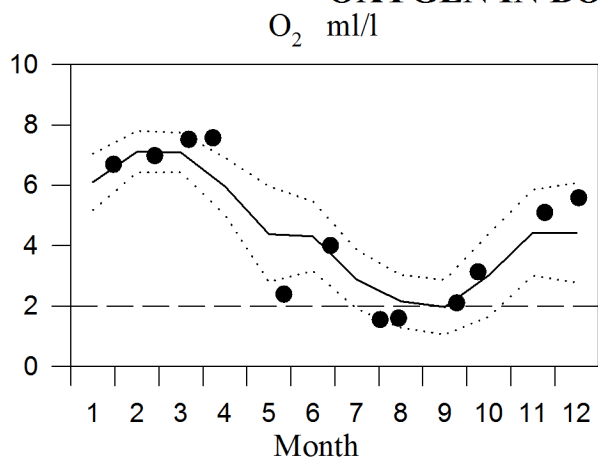
# STATION BY2 SURFACE WATER

## Annual Cycles

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



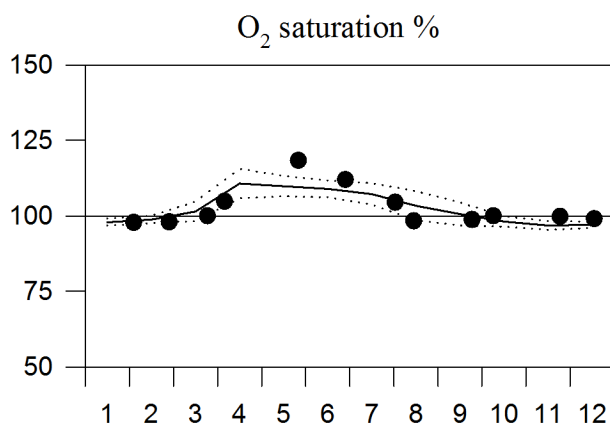
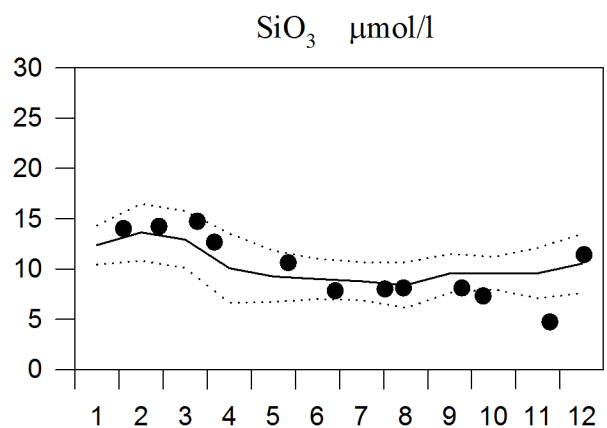
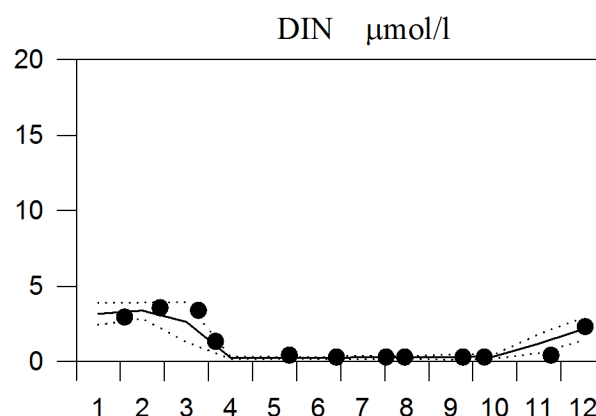
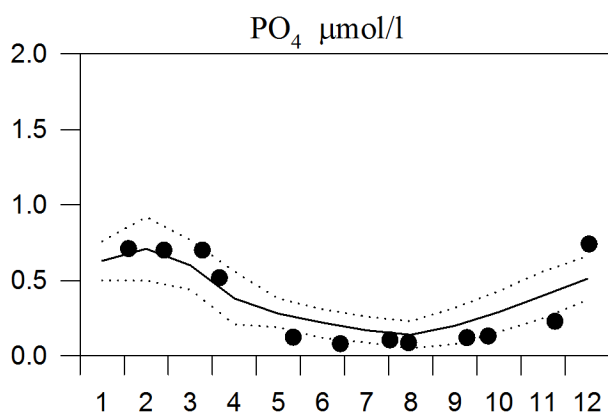
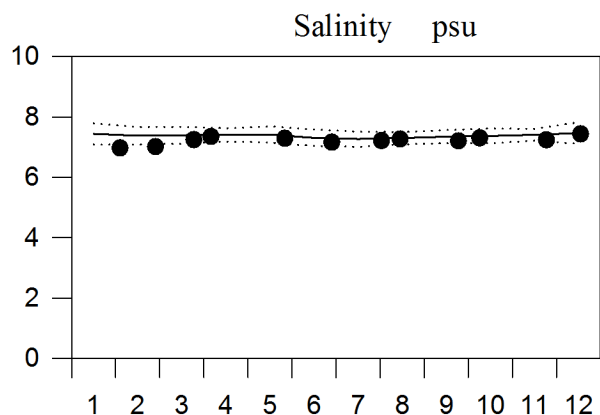
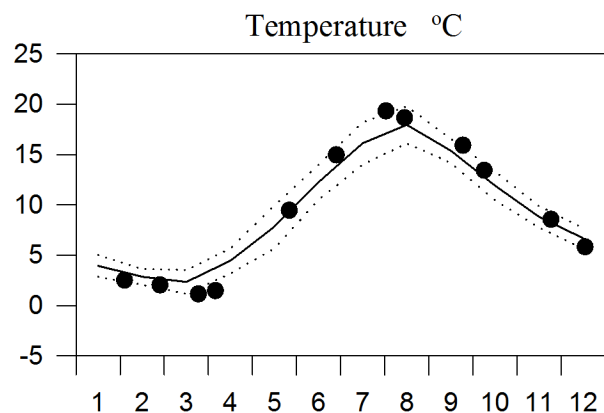
## OXYGEN IN BOTTOM WATER (depth >40m)



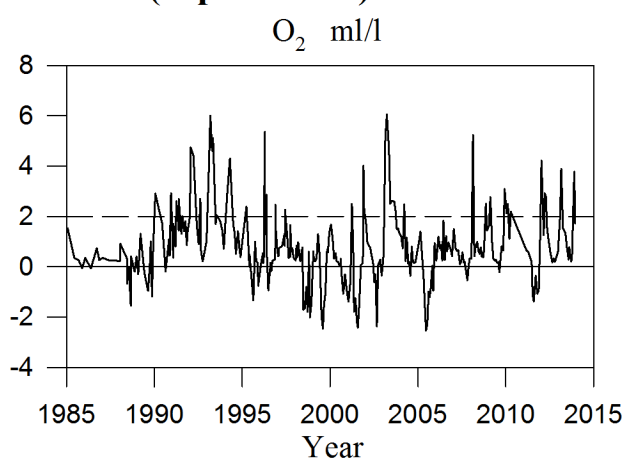
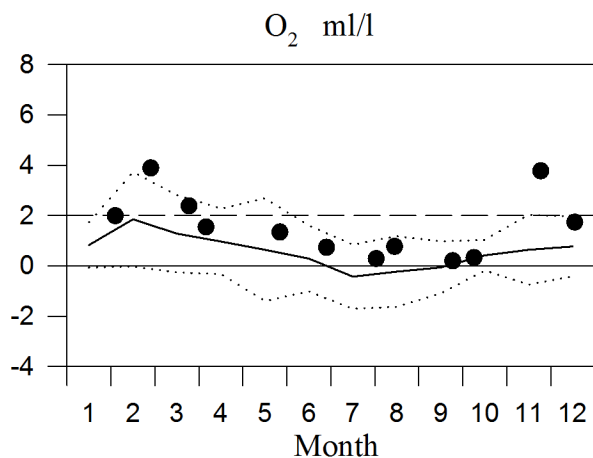
# STATION HANÖBUKTEN SURFACE WATER

## Annual Cycles

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



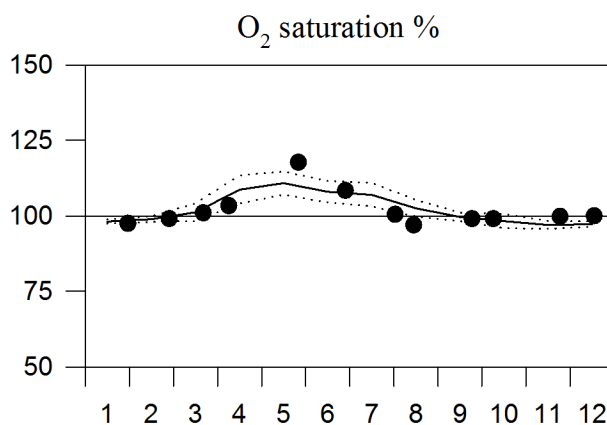
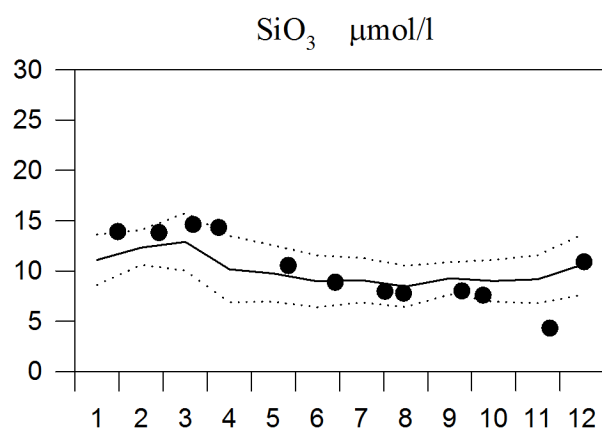
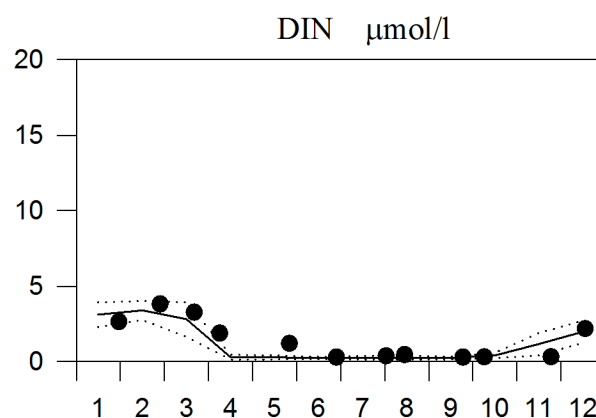
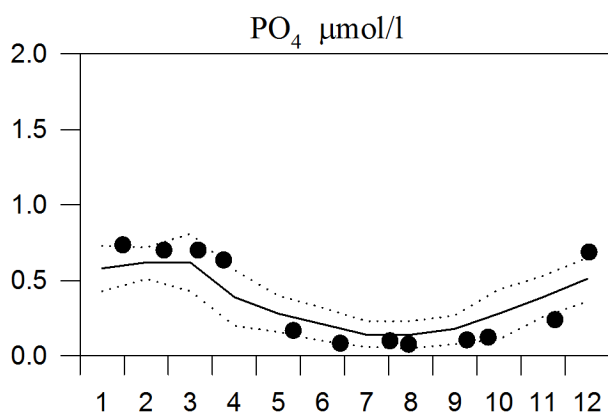
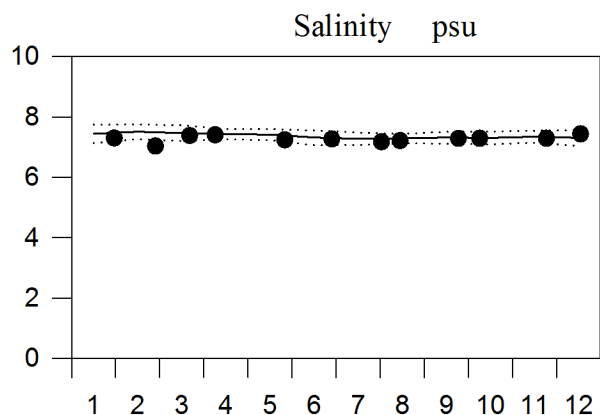
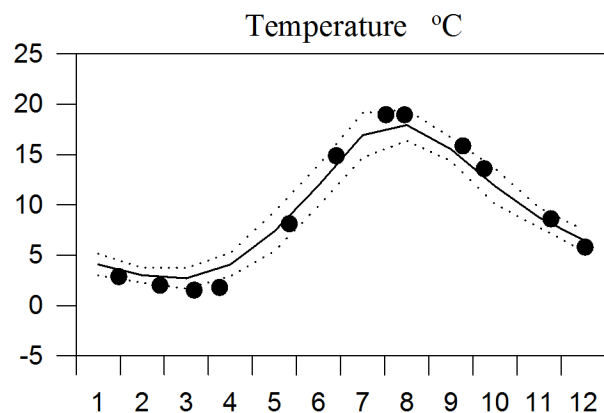
## OXYGEN IN BOTTOM WATER (depth > 70m)



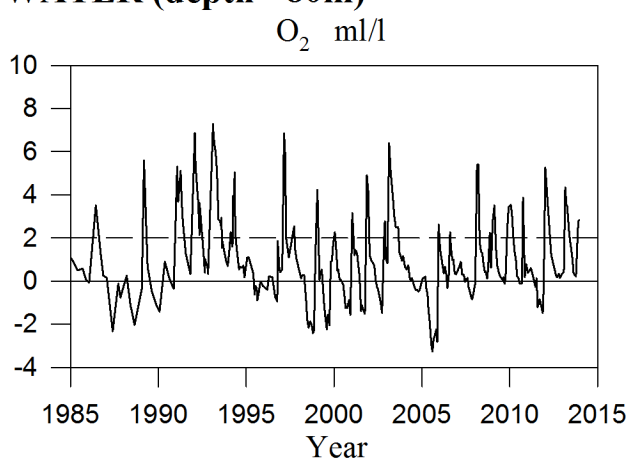
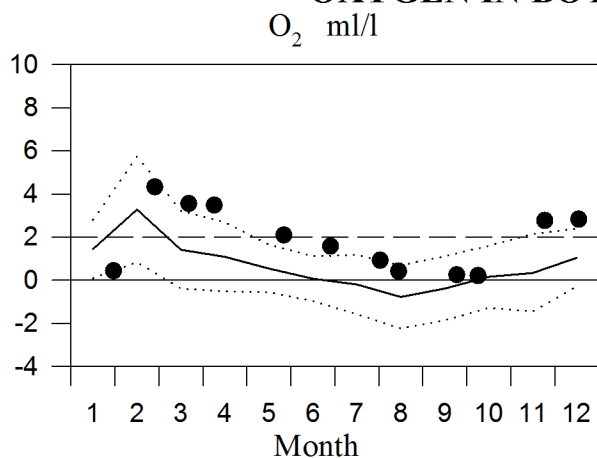
# STATION BY4 SURFACE WATER

## Annual Cycles

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



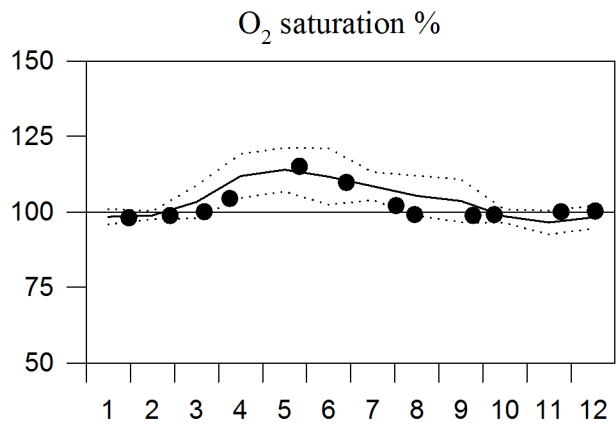
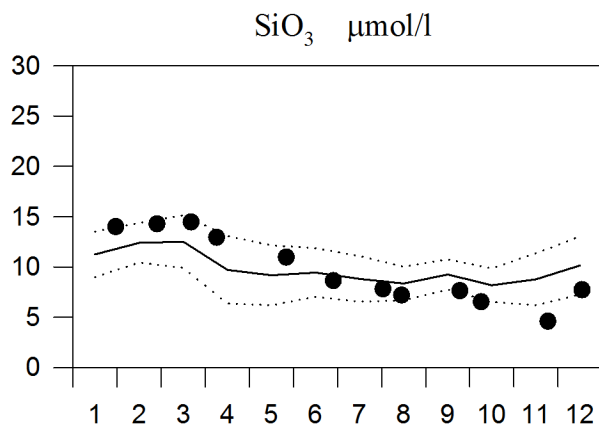
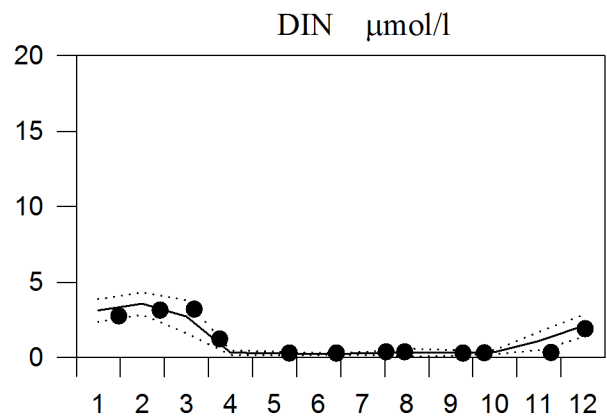
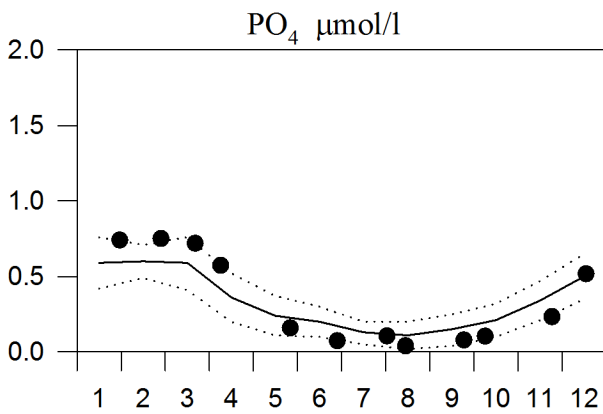
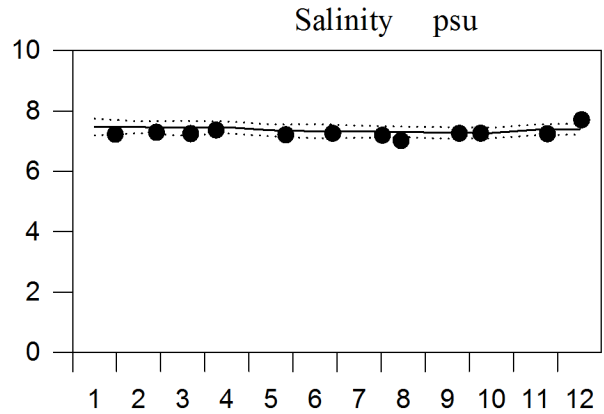
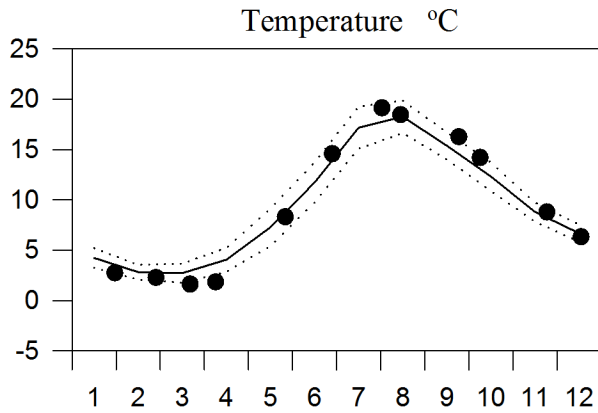
## OXYGEN IN BOTTOM WATER (depth >80m)



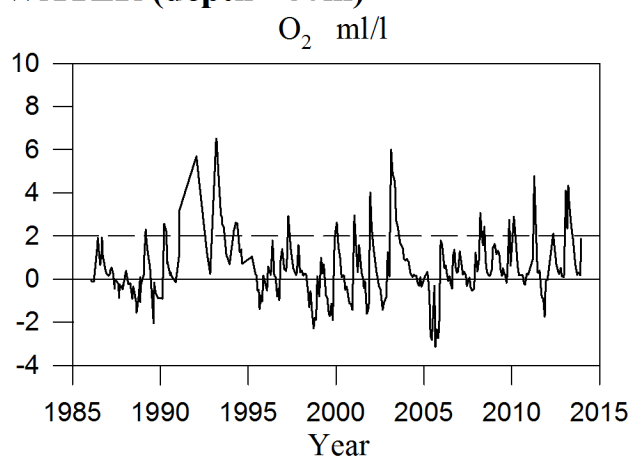
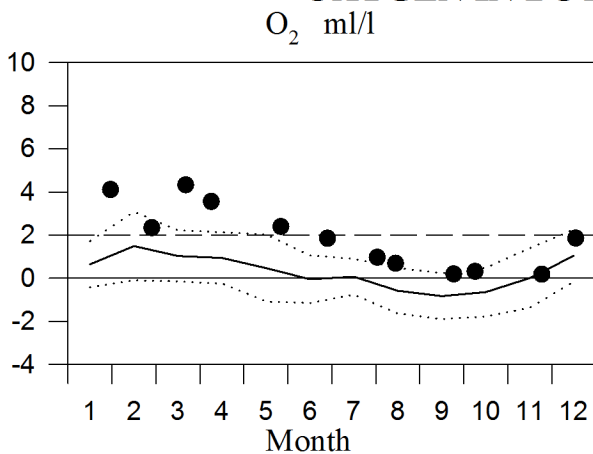
# STATION BY5 SURFACE WATER

## Annual Cycles

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



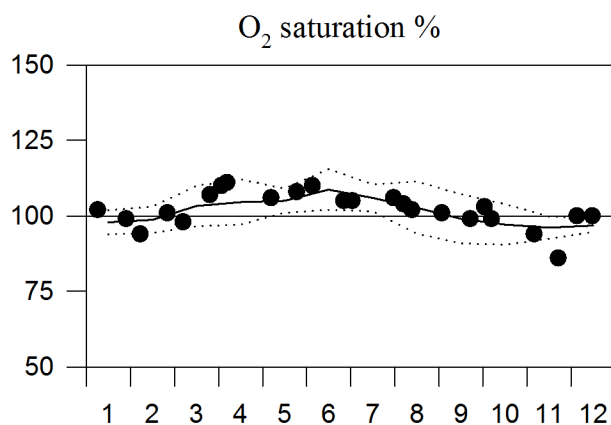
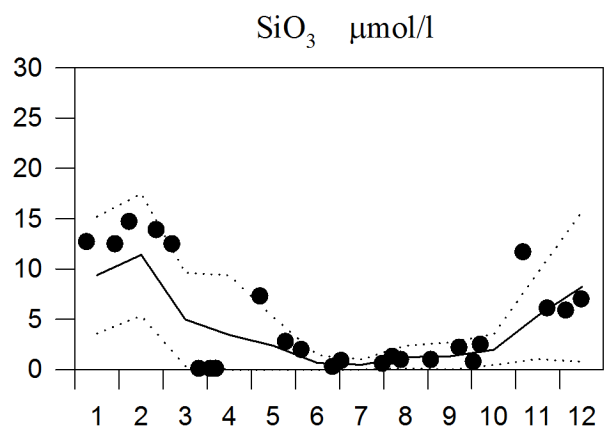
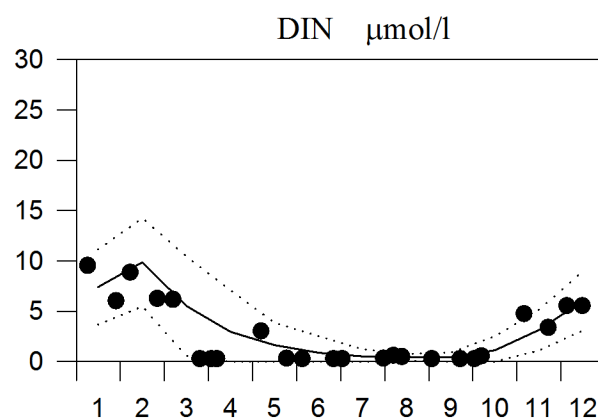
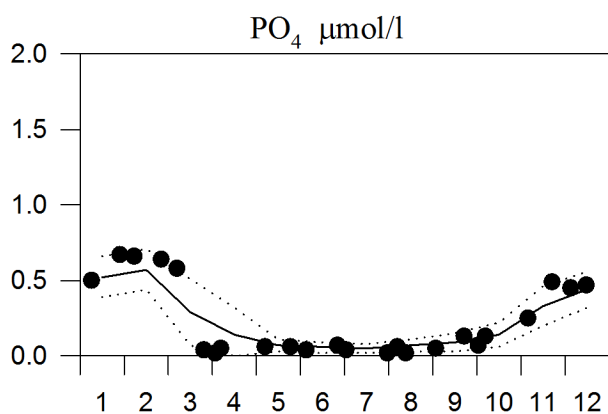
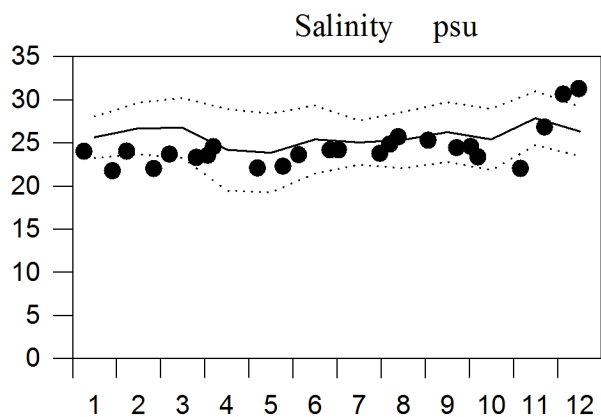
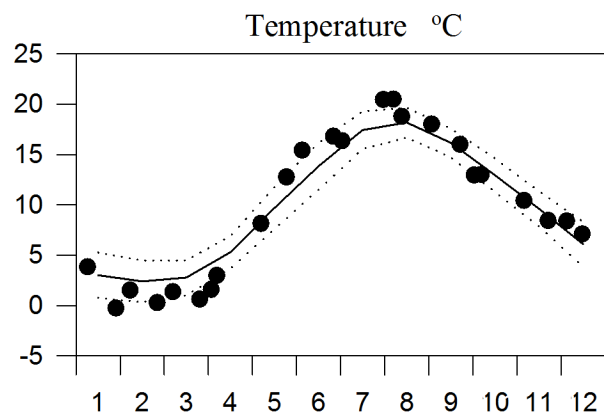
## OXYGEN IN BOTTOM WATER (depth >80m)



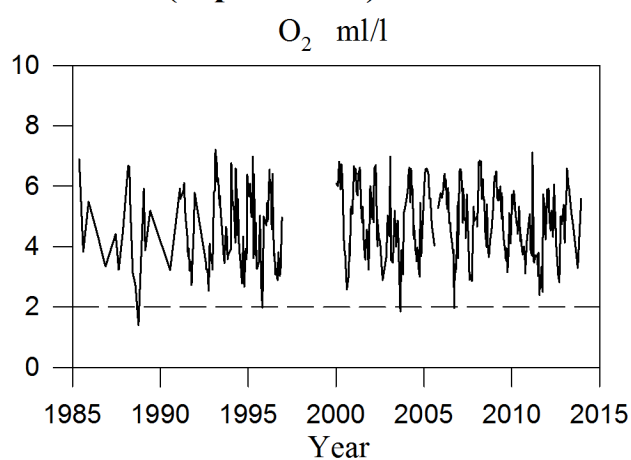
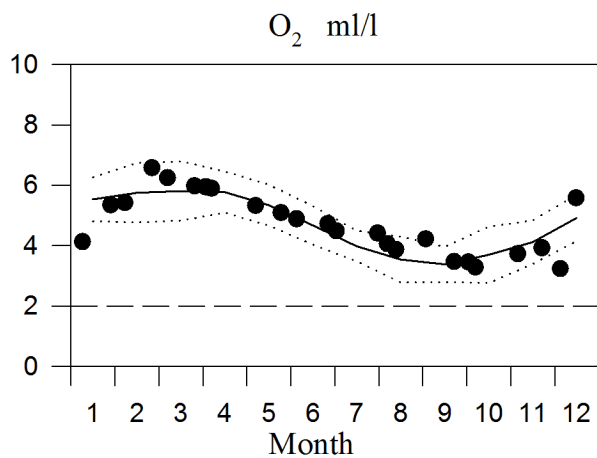
# STATION SLÄGGÖ SURFACE WATER

## Annual Cycles

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



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



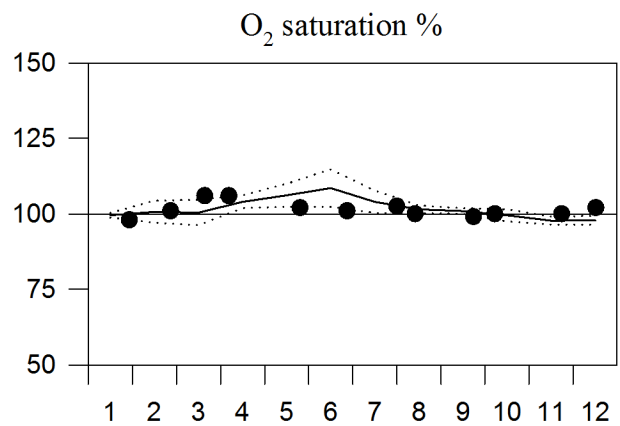
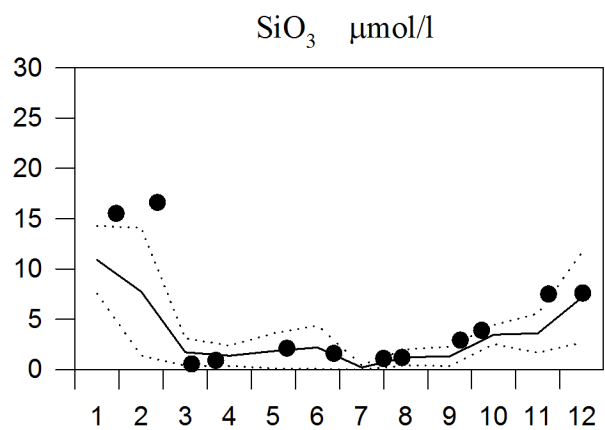
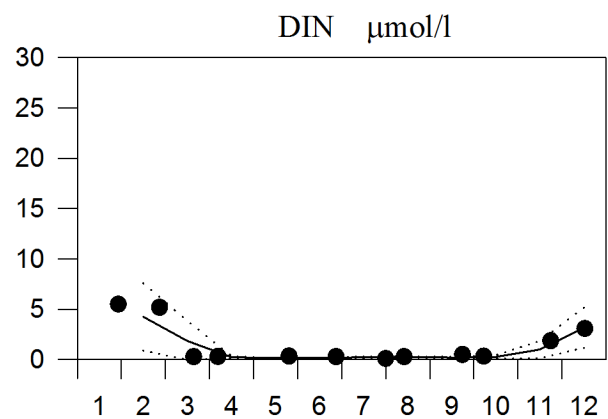
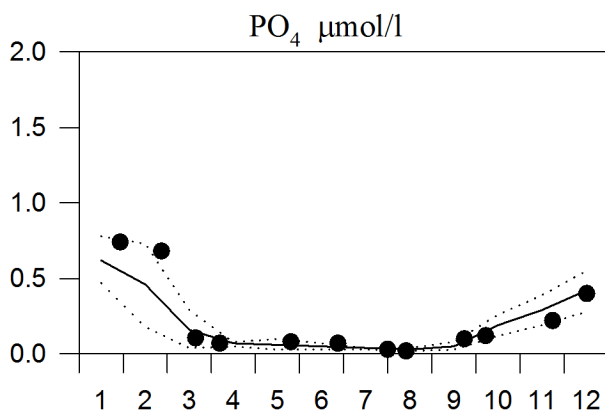
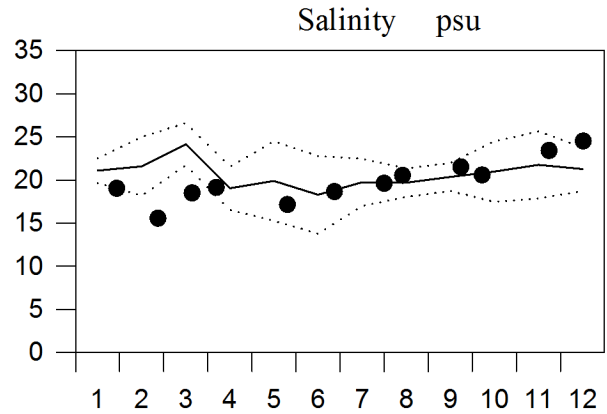
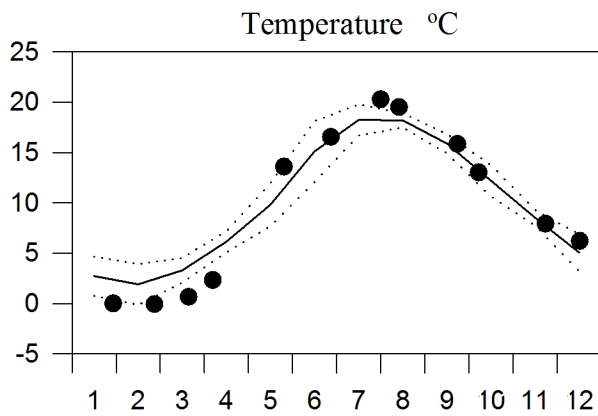
# STATION N14 Falkenberg SURFACE WATER

## Annual Cycles

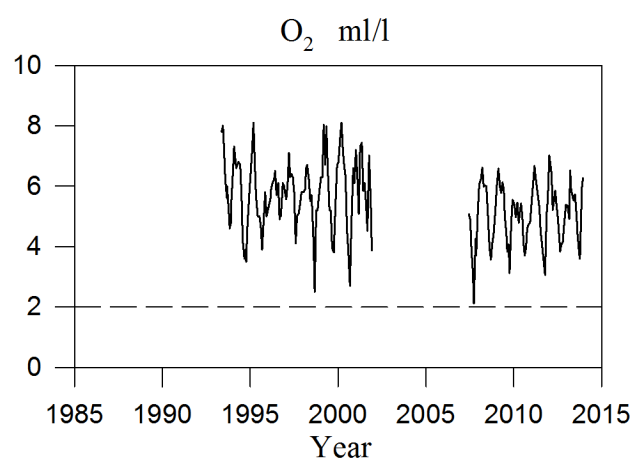
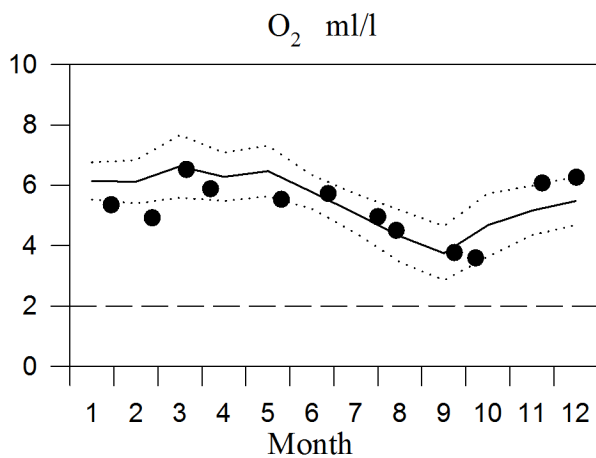
— Mean 2007-2010

..... St.Dev.

● 2013

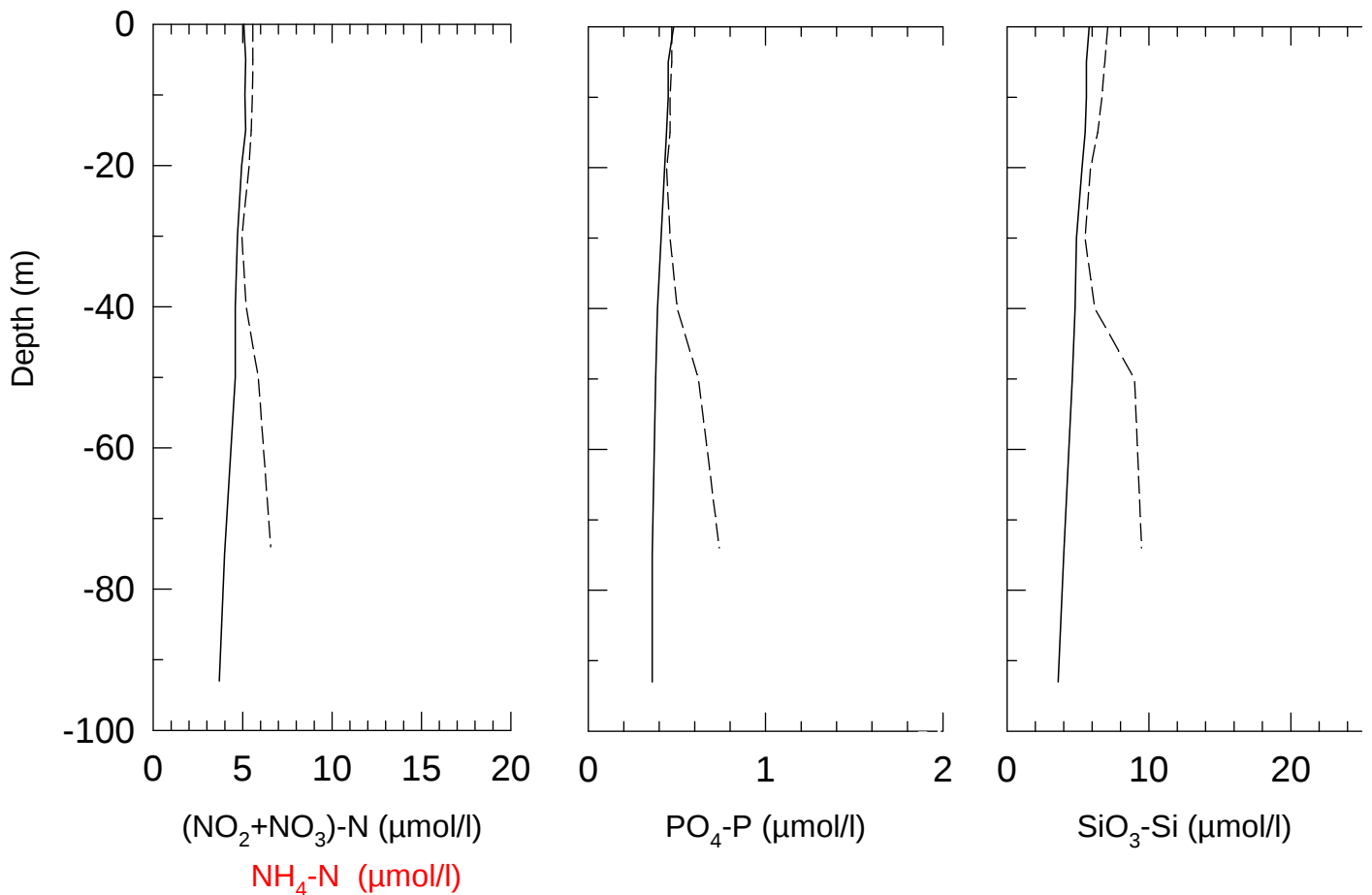
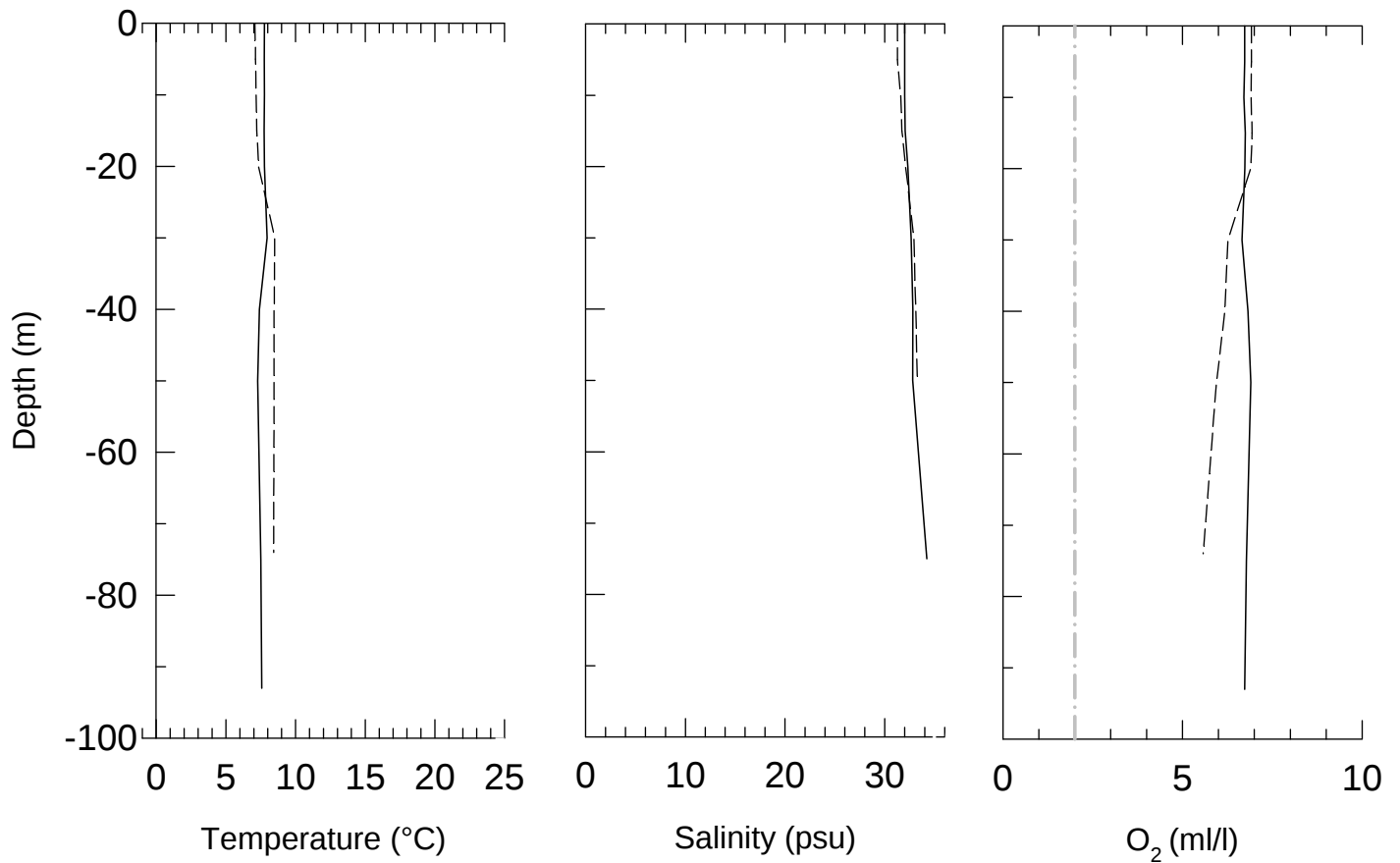


## OXYGEN IN BOTTOM WATER (depth > 25m)



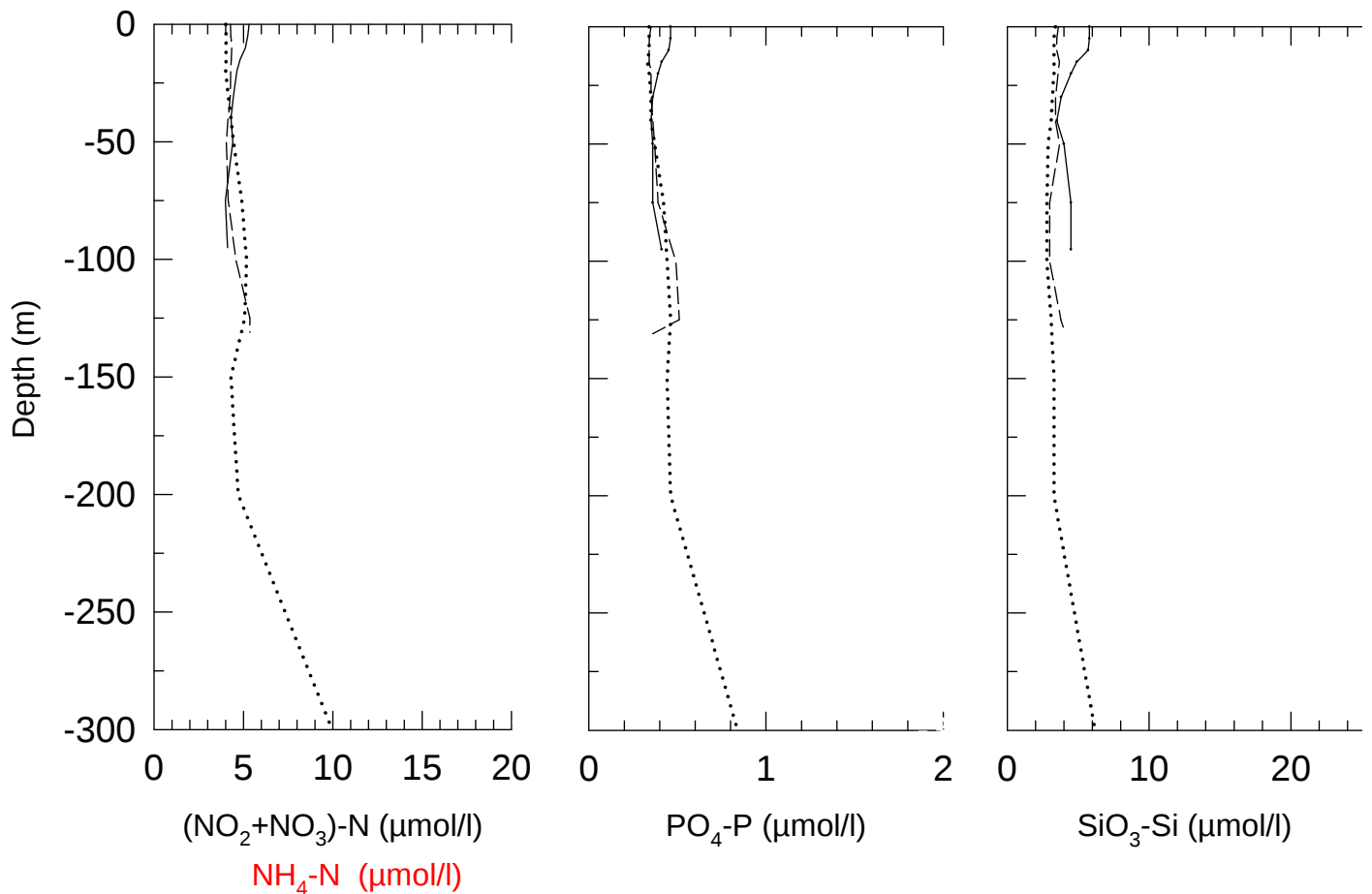
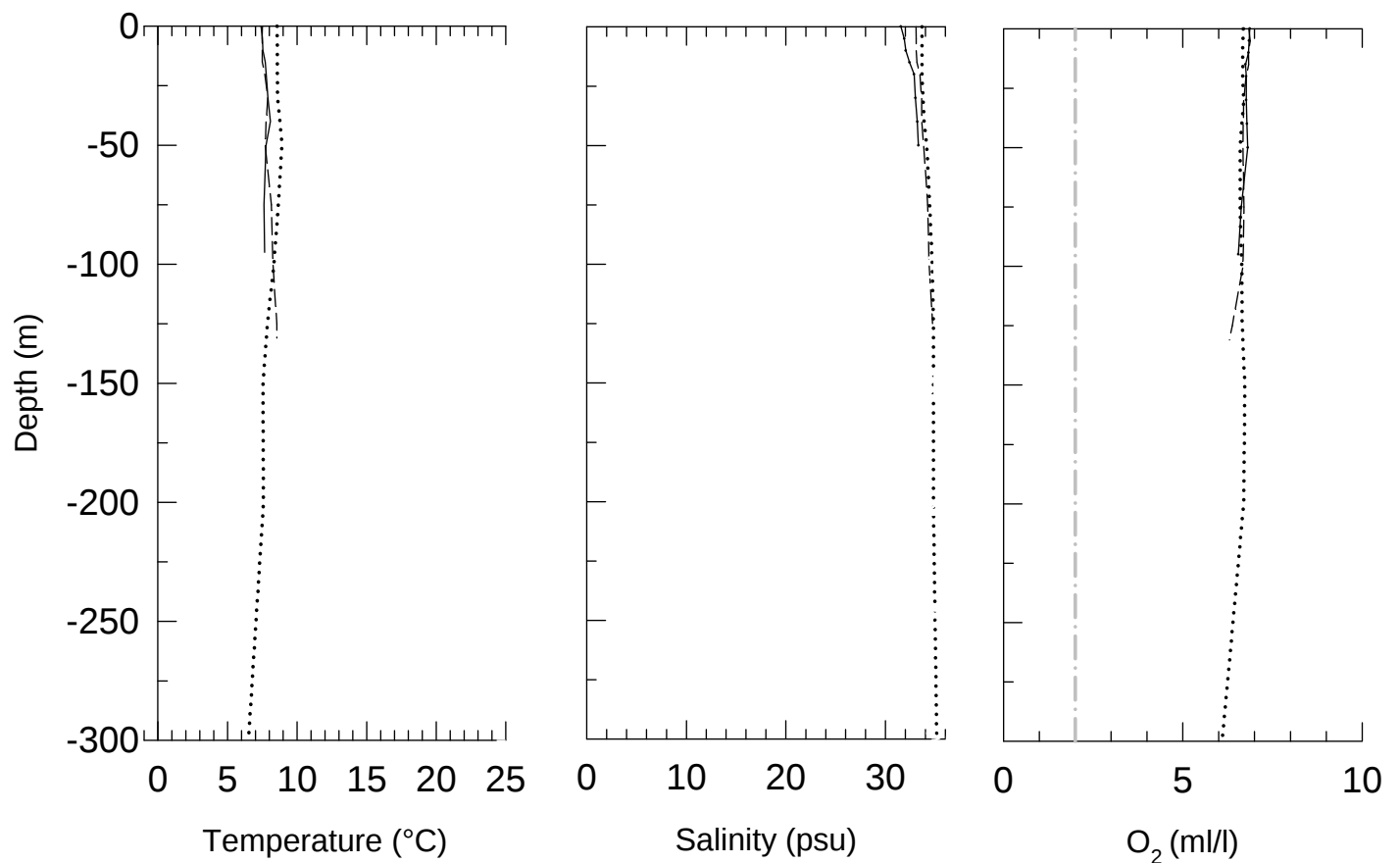
# SKAGERRAK Coast 2013-12-15

———— P2      - - - - - Släggö

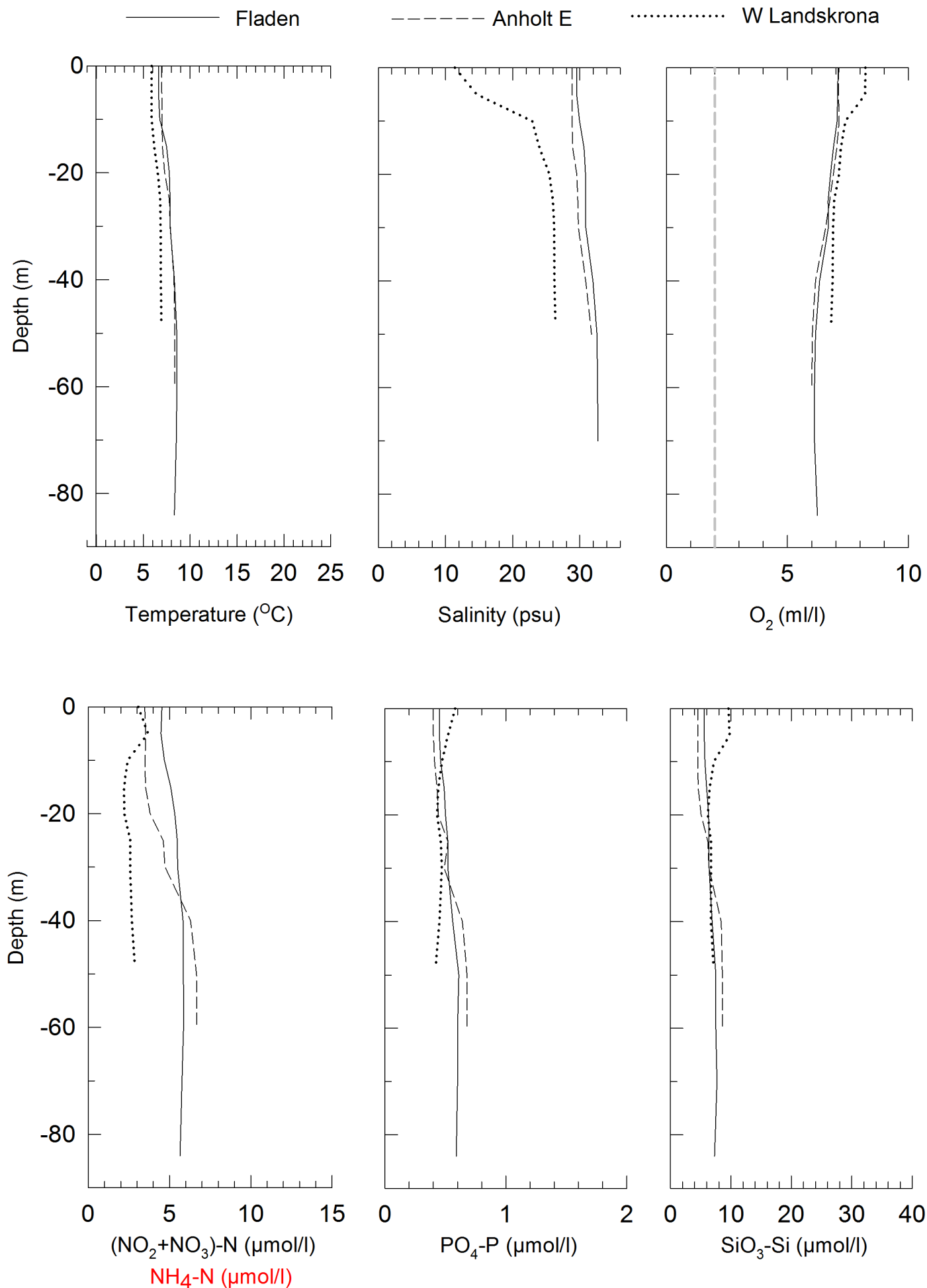


# SKAGERRAK Å-Section 2013-12-15

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



# KATTEGAT and THE SOUND 2013-12-16



# SOUTHERN BALTIC 2013-12-17

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

