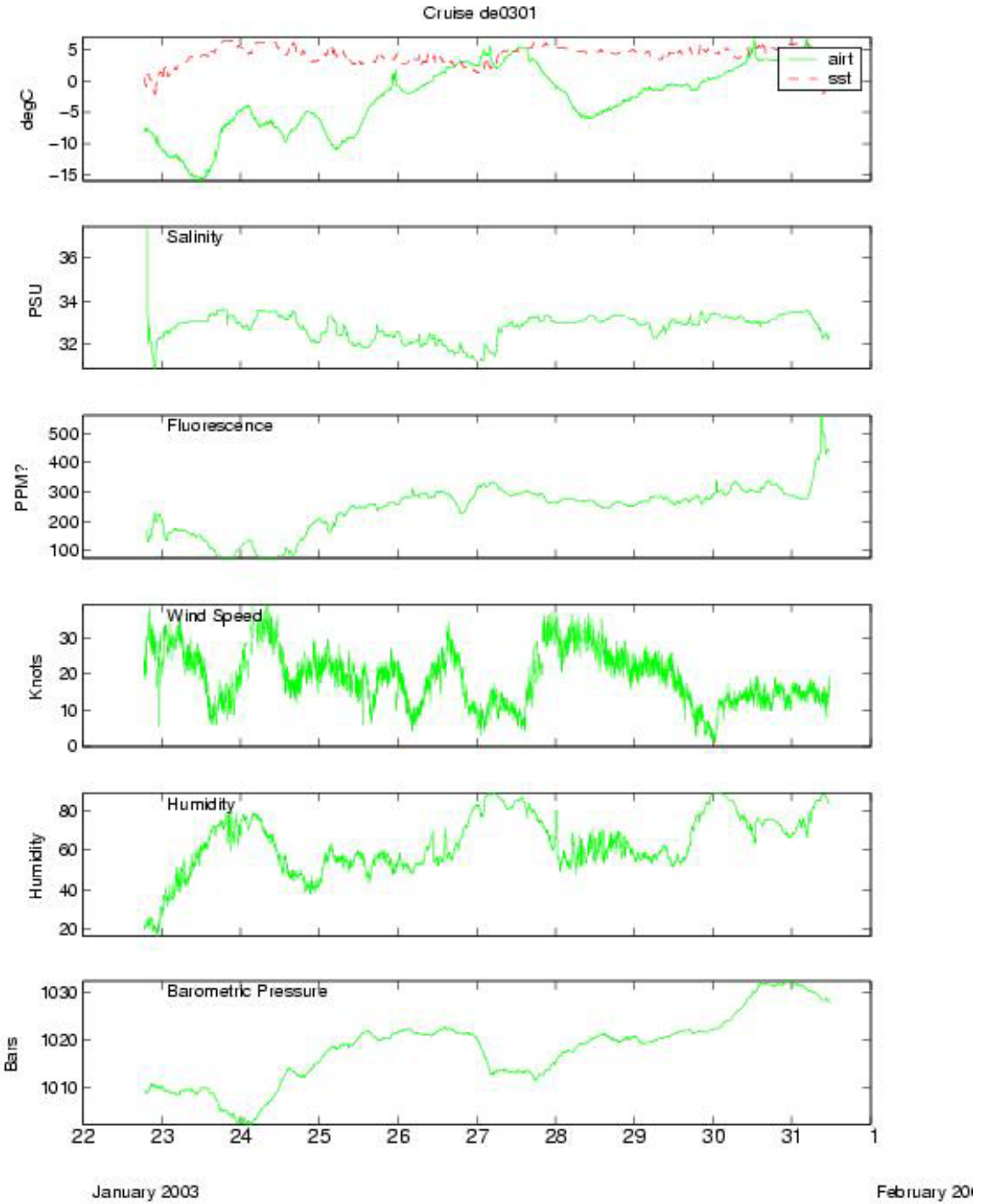
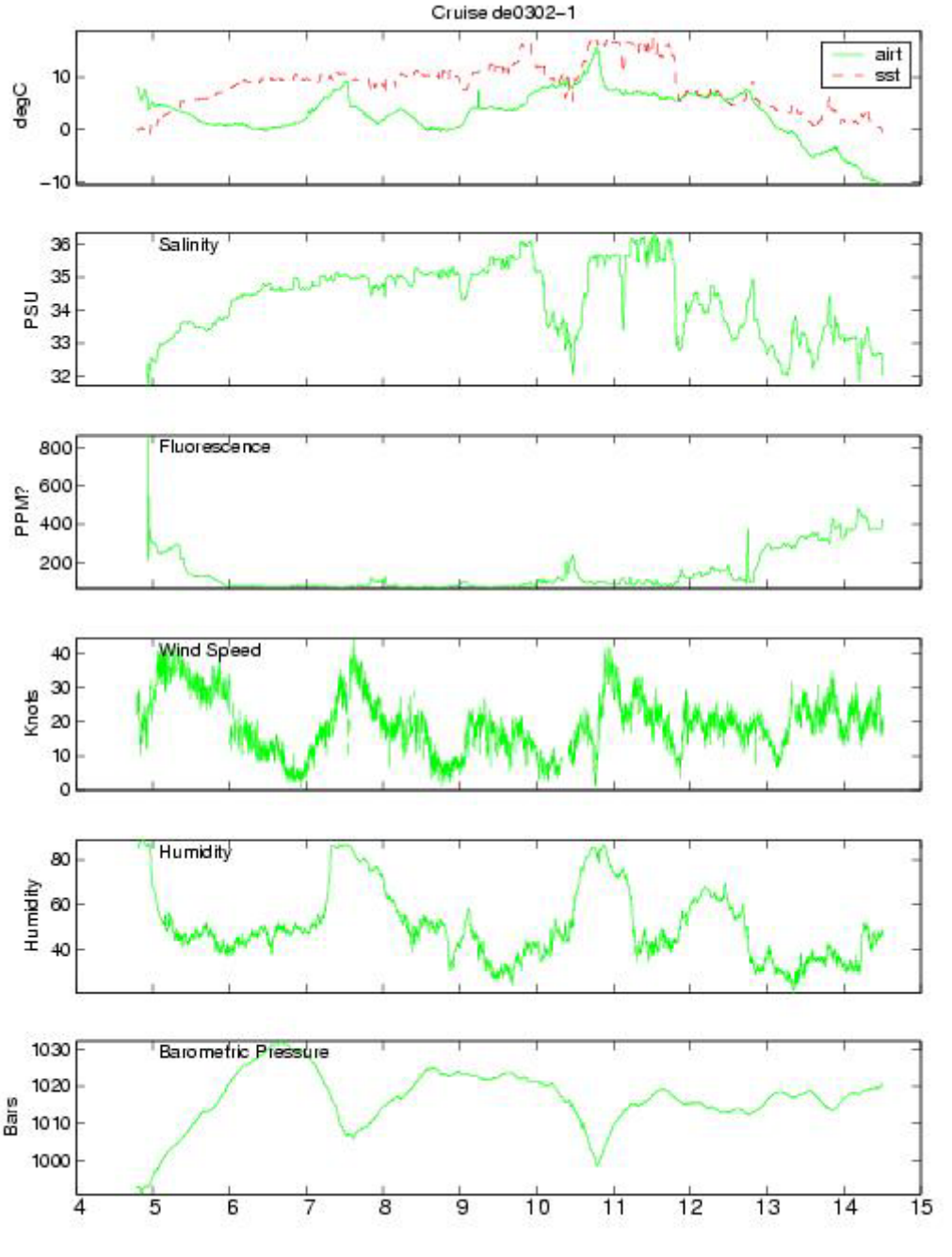
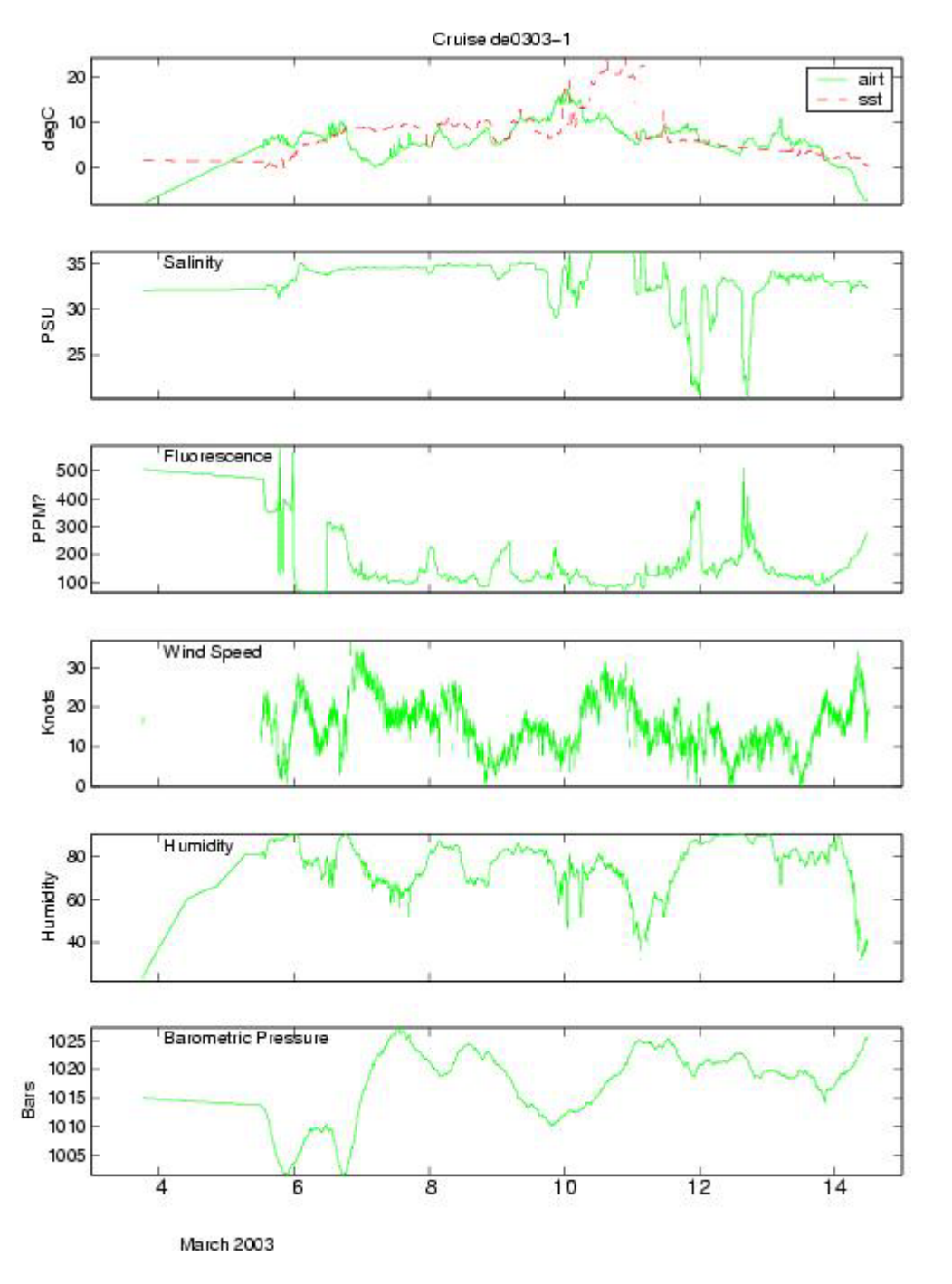
Appendix B. Time series plots of hull mounted sensor records.

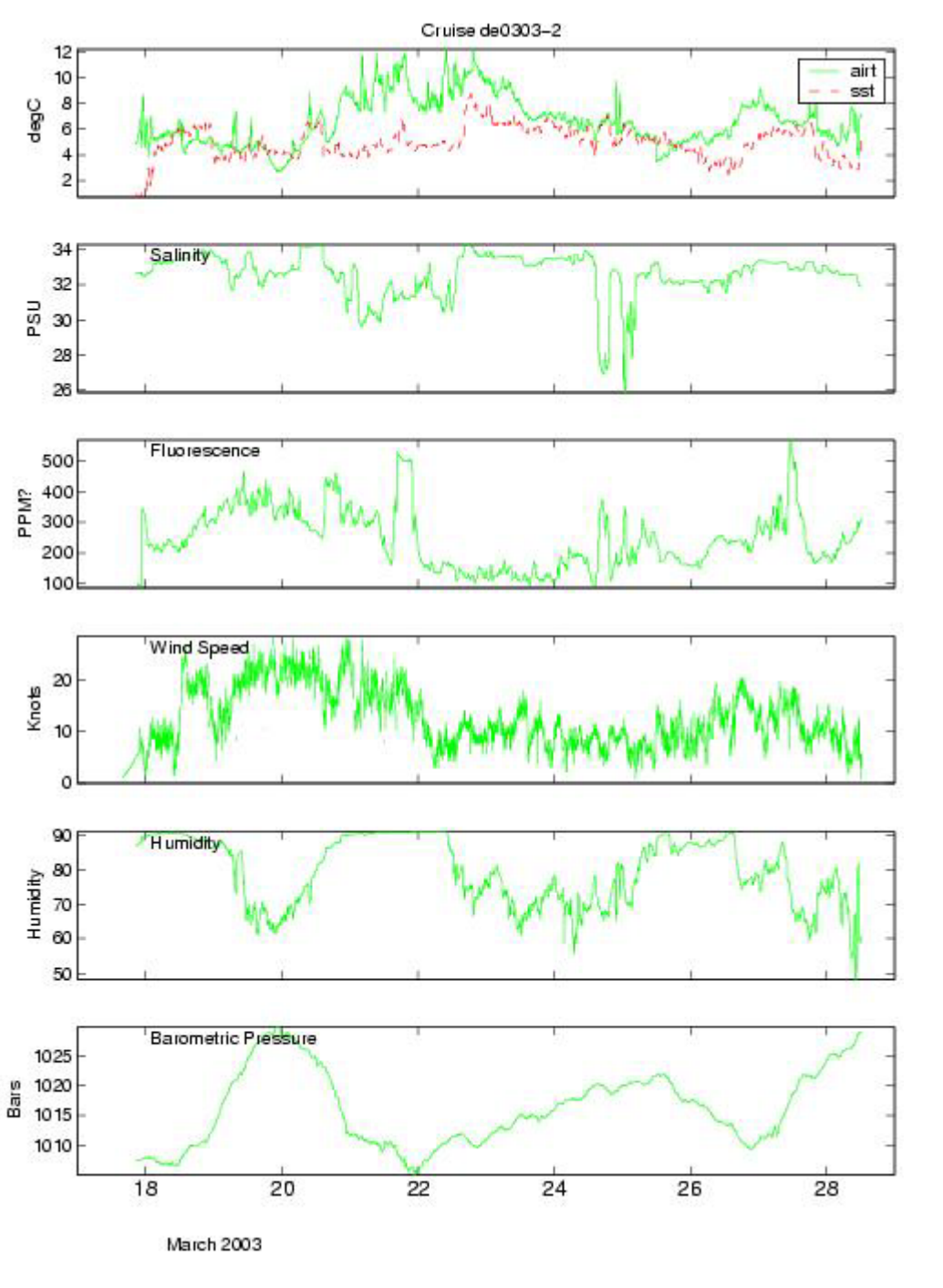


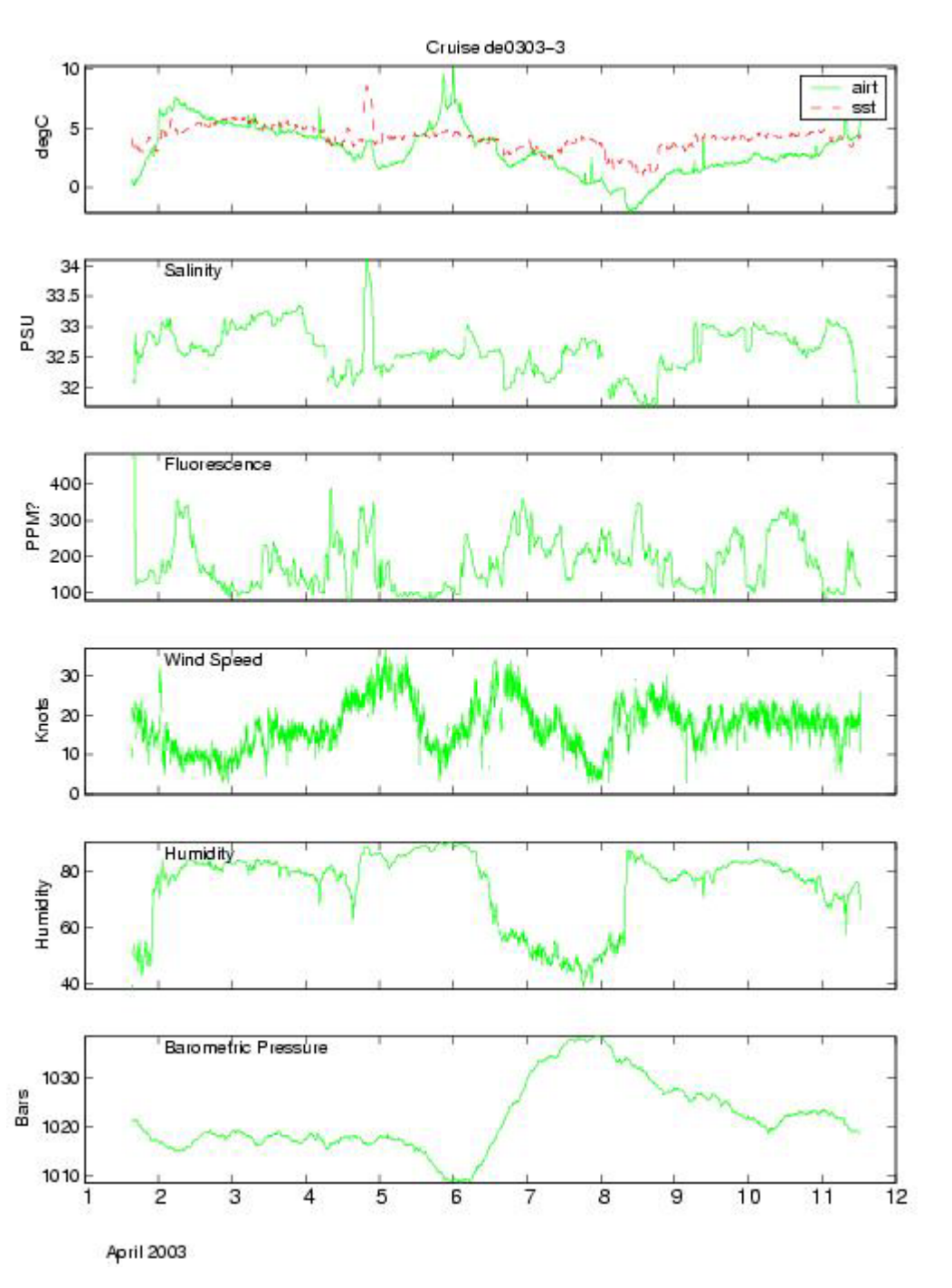


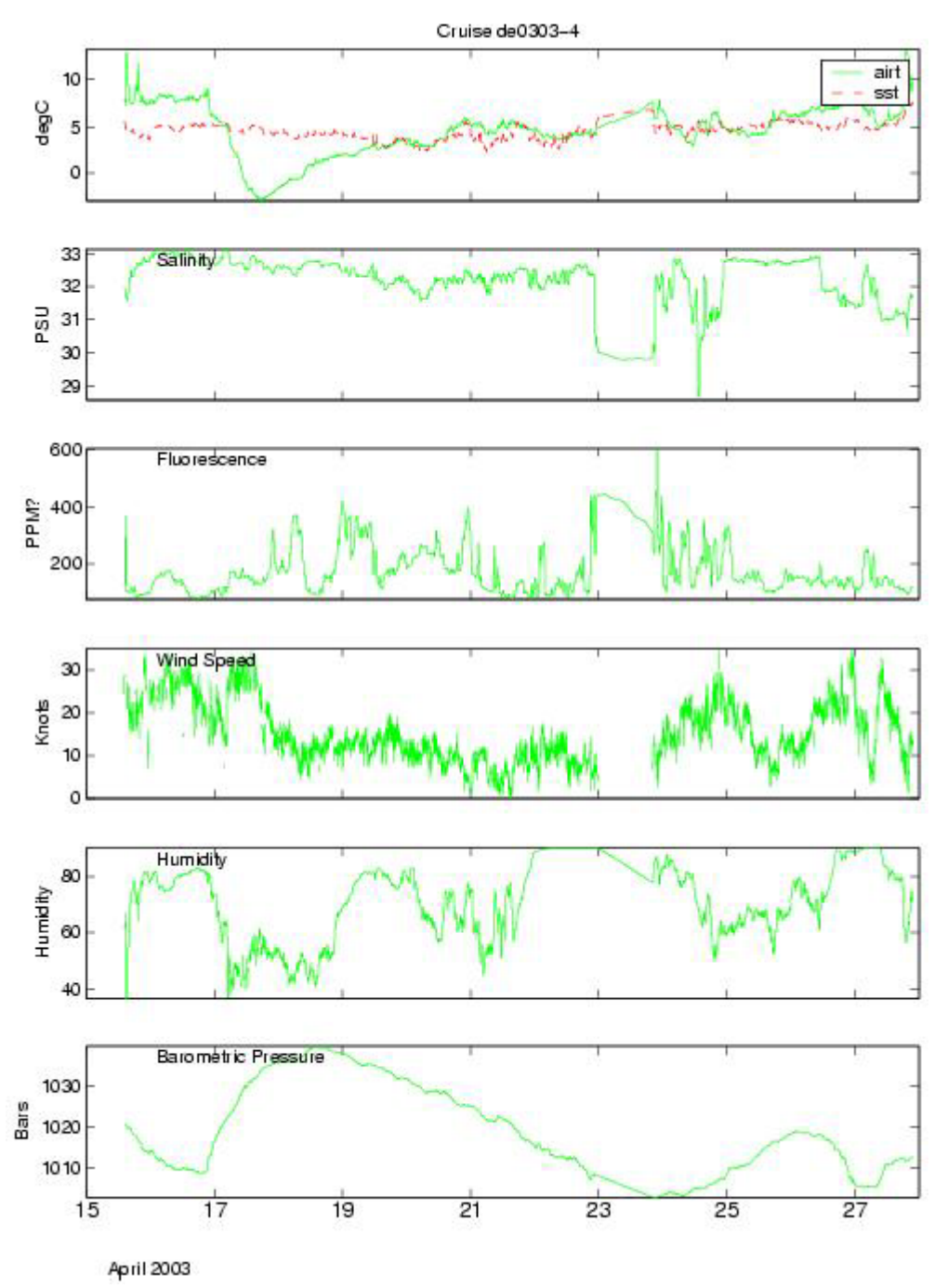
February 2003

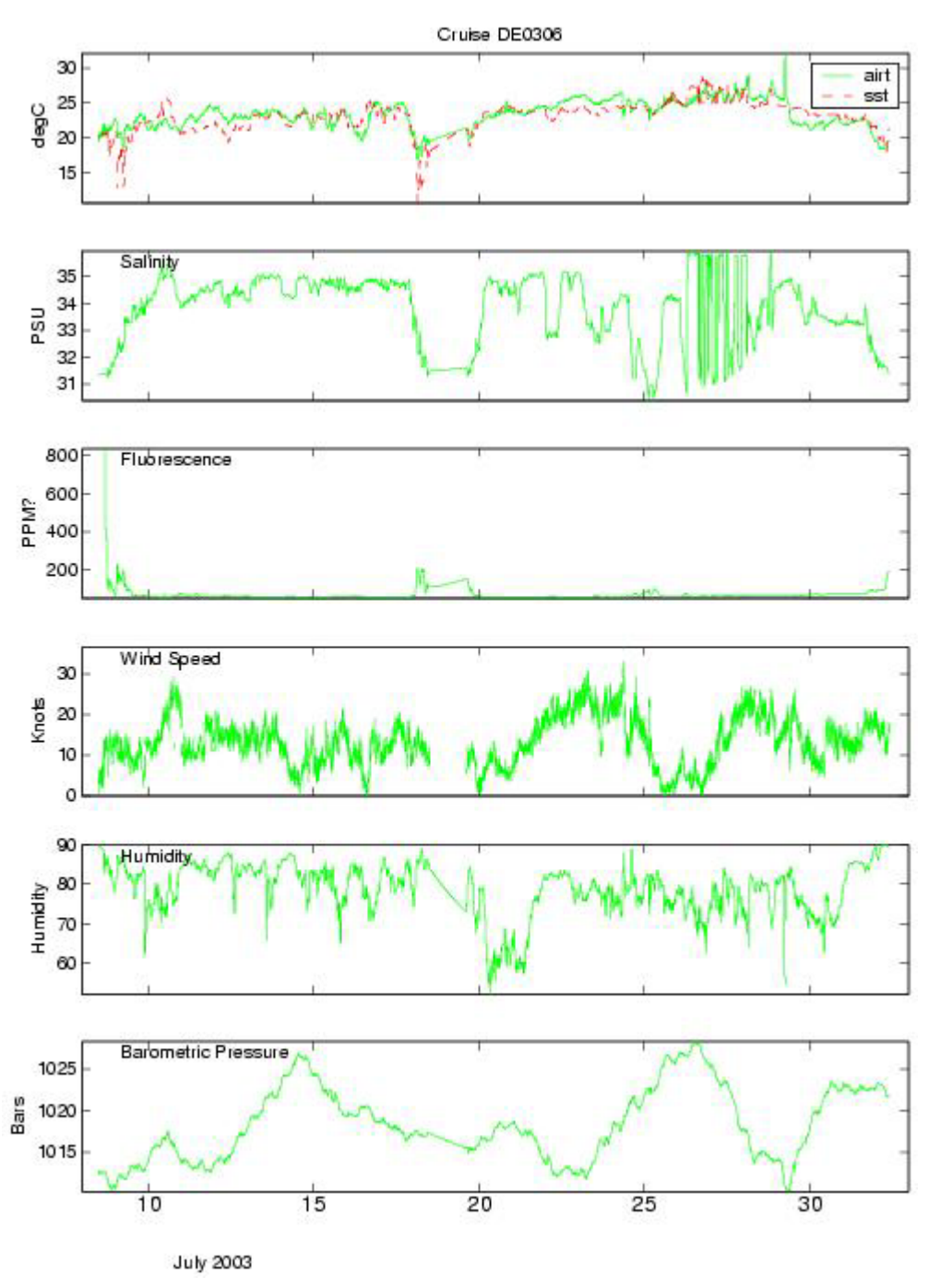
Cruise de0302-2
airt
sst
degC
10
5
0
−5
Salinity
PSU
34
33
32
Fluorescence
PPM?
500
400
300
200
100
Wind Speed
Knots
30
20
10
0
Humidity
Humidity
80
60
40
Barometric Pressure
Bars
1030
1020
1010
1000
990
14
16
18
20
22
24
26
28
2
February 2003
March 200

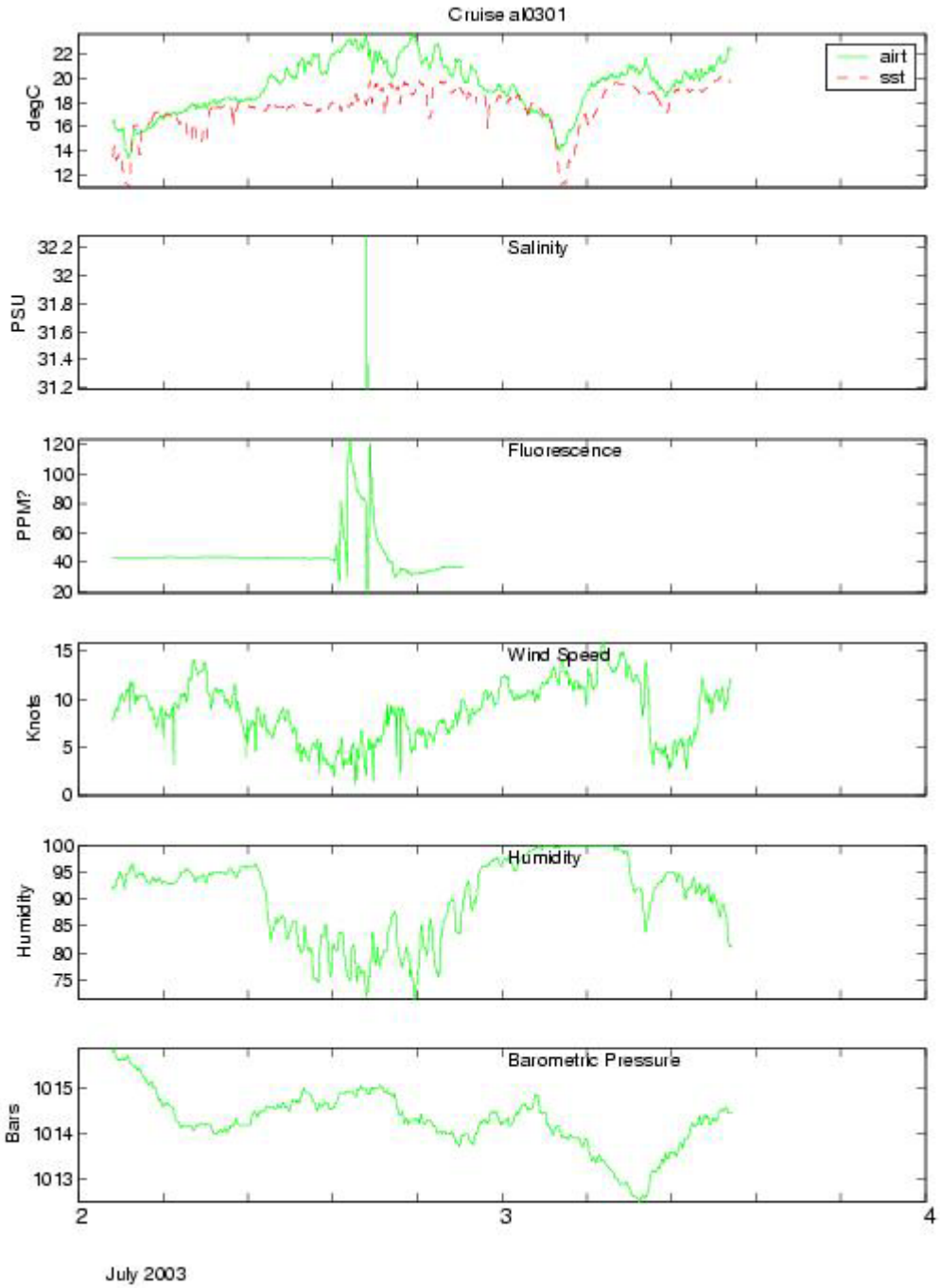

Cruise de0303-1
degC
20
10
0
airt
sst
Salinity
PSU
35
30
25
Fluorescence
PPM?
500
400
300
200
100
Wind Speed
Knots
30
20
10
0
Humidity
Humidity
80
60
40
Barometric Pressure
Bars
1025
1020
1015
1010
1005
4
6
8
10
12
14
March 2003

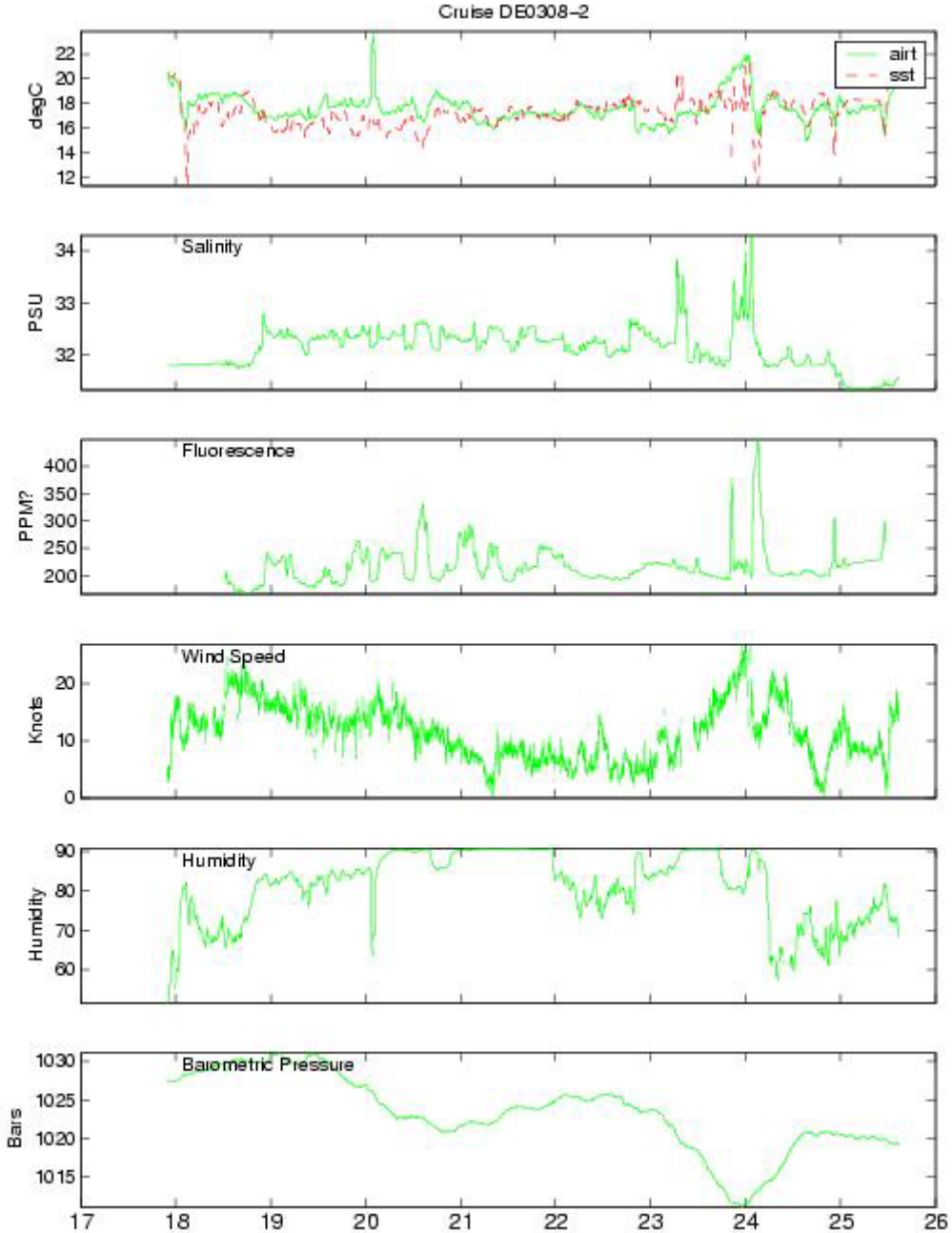

Cruise de0303-2
airt
sst
degC
Salinity
PSU
Fluorescence
PPM?
Wind Speed
Knots
Humidity
Humidity
Barometric Pressure
Bars
March 2003

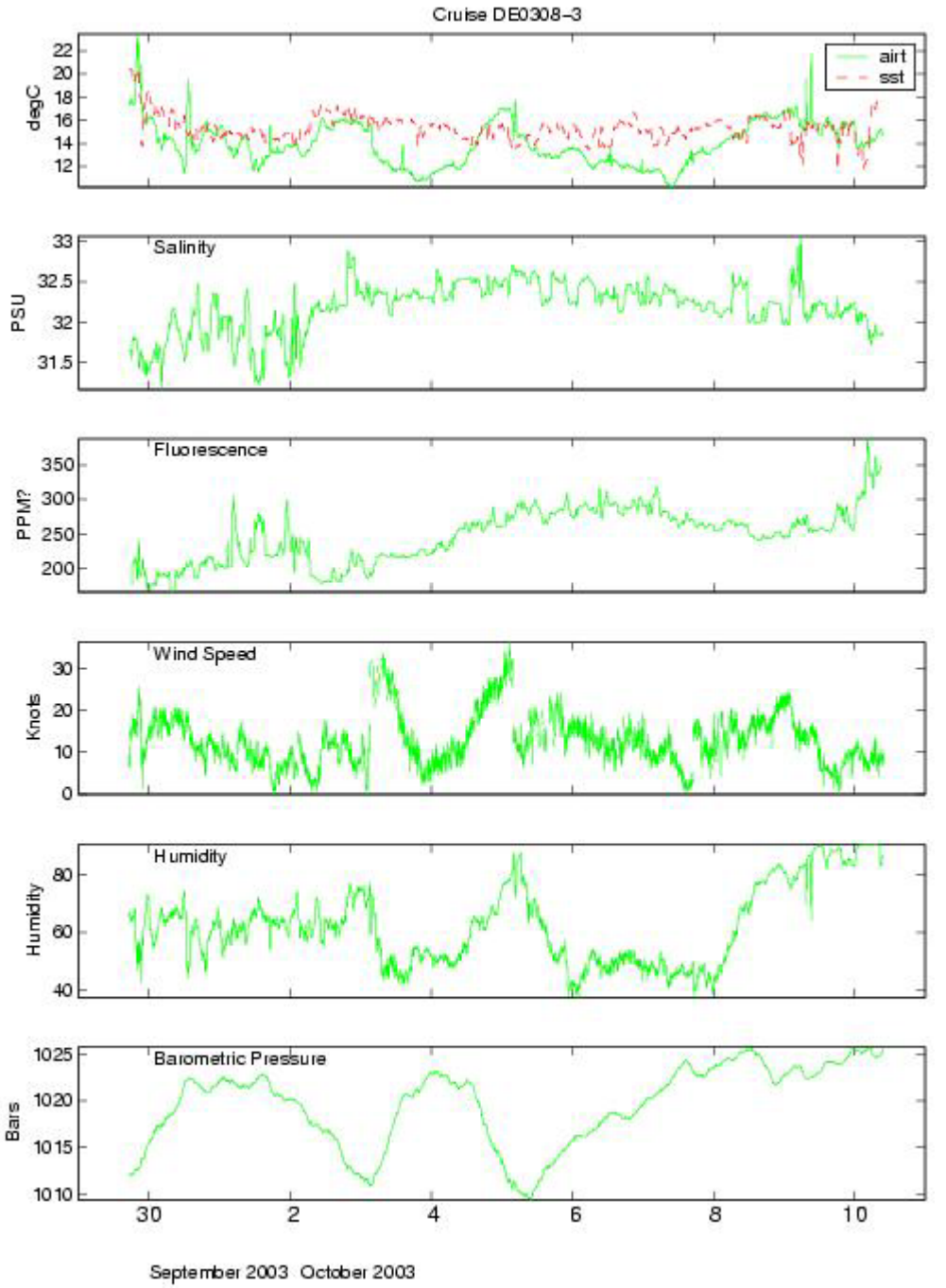

Cruise de0303-3
airt
sst
degC
10
5
0
Salinity
PSU
34
33.5
33
32.5
32
Fluorescence
PPM?
400
300
200
100
Wind Speed
Knots
30
20
10
0
Humidity
Humidity
80
60
40
Barometric Pressure
Bars
1030
1020
1010
1
2
3
4
5
6
7
8
9
10
11
12
April 2003

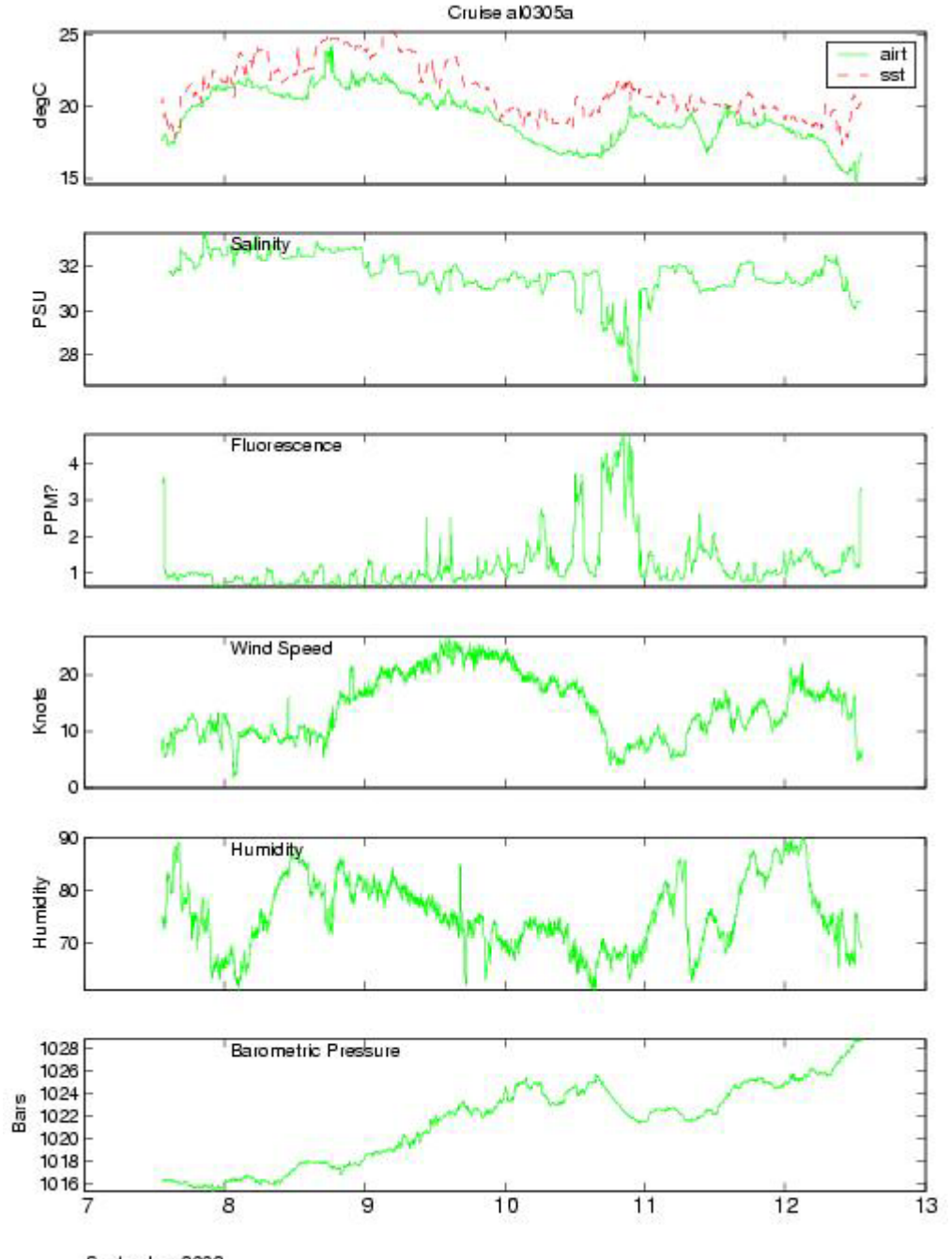

Cruise de0303-4
airt
sst
degC
10
5
0
Salinity
PSU
33
32
31
30
29
Fluorescence
PPM?
600
400
200
Wind Speed
Knots
30
20
10
0
Humidity
Humidity
80
60
40
Barometric Pressure
Bars
1030
1020
1010
15
17
19
21
23
25
27
April 2003

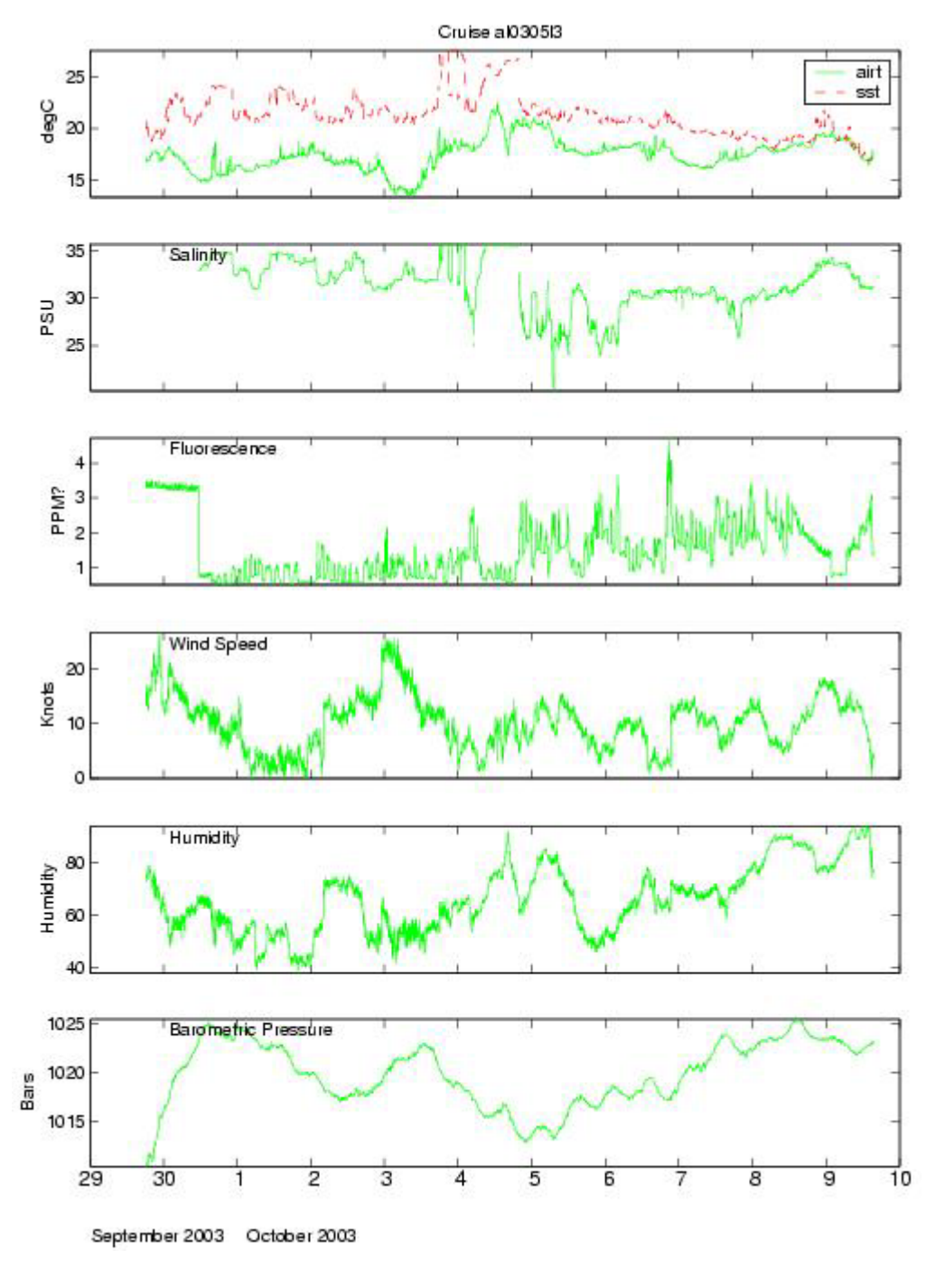

Cruise DE0306
degC
30
25
20
15
airt
sst
Salinity
PSU
35
34
33
32
31
Flubrescence
PPM?
800
600
400
200
Wind Speed
Knots
30
20
10
0
Humidity
Humidity
90
80
70
60
Barometric Pressure
Bars
1025
1020
1015
10
15
20
25
30
July 2003

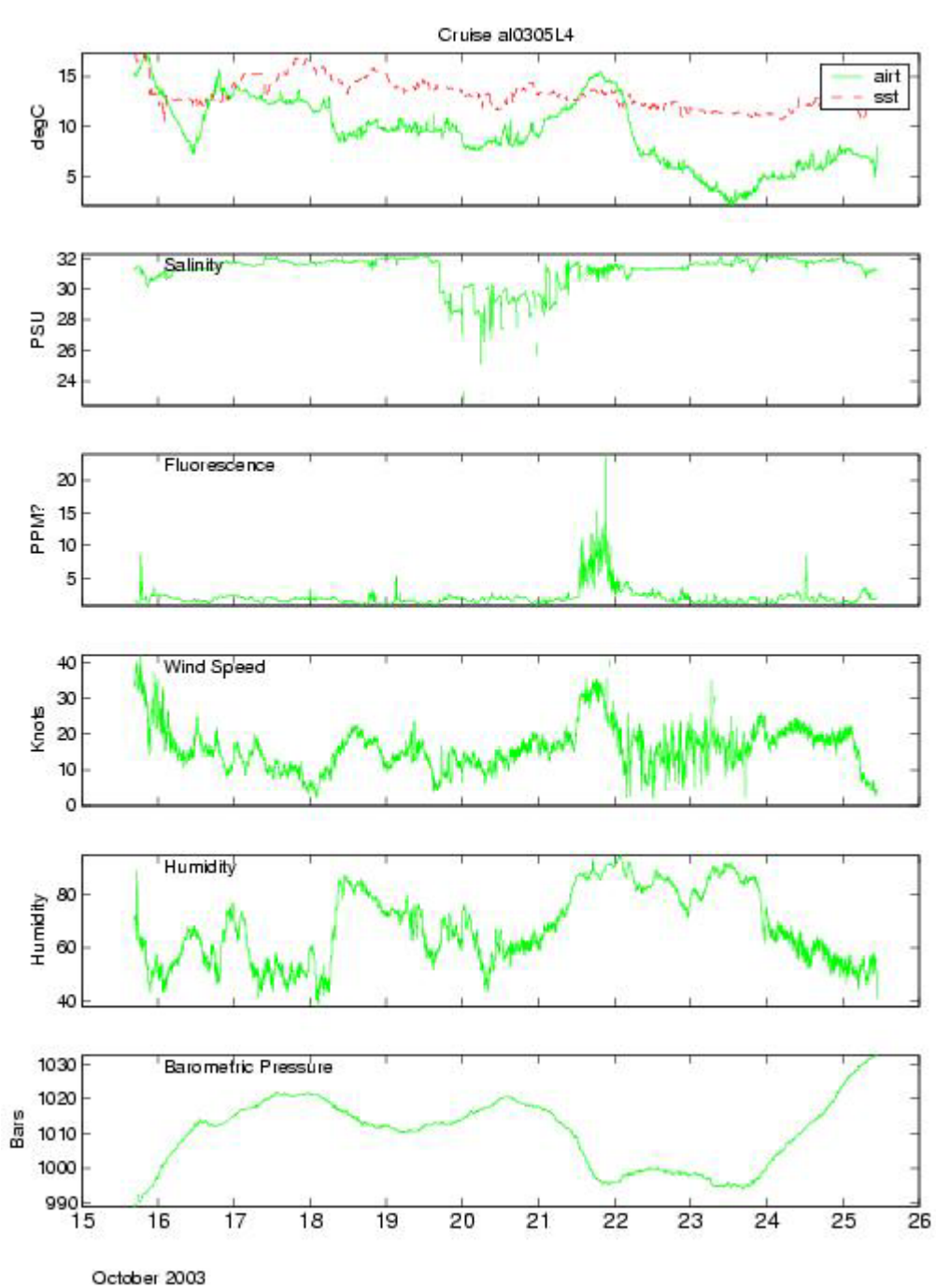

Cruise al0301
degC
22
20
18
16
14
12
airt
sst
Salinity
PSU
32.2
32
31.8
31.6
31.4
31.2
Fluorescence
PPM?
120
100
80
60
40
20
Wind Speed
Knots
15
10
5
0
Humidity
Humidity
100
95
90
85
80
75
Barometric Pressure
Bars
1015
1014
1013
2
3
4
July 2003

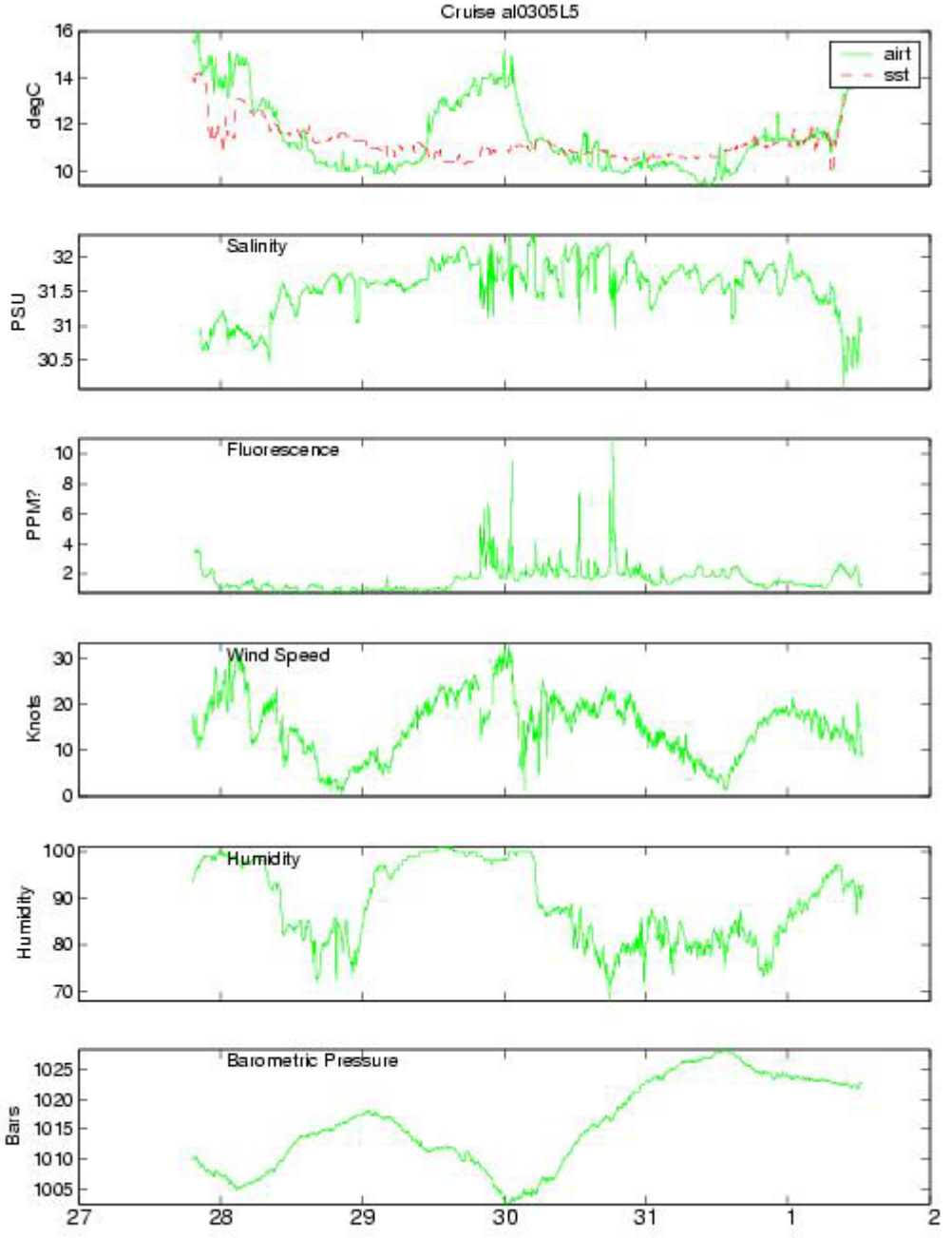

Cruise DE0308-2
airt
sst
degC
22
20
18
16
14
12
Salinity
PSU
34
33
32
Fluorescence
PPM?
400
350
300
250
200
Wind Speed
Knots
20
10
0
Humidity
Humidity
90
80
70
60
Barometric Pressure
Bars
1030
1025
1020
1015
17
18
19
20
21
22
23
24
25
26
September 2003


Cruise DE0308-3
degC
22
20
18
16
14
12
airt
sst
Salinity
PSU
33
32.5
32
31.5
Fluorescence
PPM?
350
300
250
200
Wind Speed
Knots
30
20
10
0
Humidity
Humidity
80
60
40
Barometric Pressure
Bars
1025
1020
1015
1010
30
2
4
6
8
10
September 2003 October 2003


Cruise al0305a
airt
sst
degC
25
20
15
Salinity
PSU
32
30
28
Fluorescence
PPM?
4
3
2
1
Wind Speed
Knots
20
10
0
Humidity
Humidity
90
80
70
Barometric Pressure
Bars
1028
1026
1024
1022
1020
1018
1016
7
8
9
10
11
12
13
September 2003


Cruise al030513
airt
sst
degC
25
20
15
Salinity
PSU
35
30
25
Fluorescence
PPM?
4
3
2
1
Wind Speed
Knots
20
10
0
Humidity
Humidity
80
60
40
Barometric Pressure
Bars
1025
1020
1015
29
30
1
2
3
4
5
6
7
8
9
10
September 2003
October 2003


Cruise al0305L4
degC
airt
sst
PSU
Salinity
PPM?
Fluorescence
Knots
Wind Speed
Humidity
Humidity
Bars
Barometric Pressure
15
16
17
18
19
20
21
22
23
24
25
26
October 2003


Cruise al0305L5
airt
sst
degC
16
14
12
10
Salinity
PSU
32
31.5
31
30.5
Fluorescence
PPM?
10
8
6
4
2
Wind Speed
Knots
30
20
10
0
Humidity
Humidity
100
90
80
70
Barometric Pressure
Bars
1025
1020
1015
1010
1005
27
28
29
30
31
1
2
October 2003
November 2003