

BOUSSOLE PROJECT

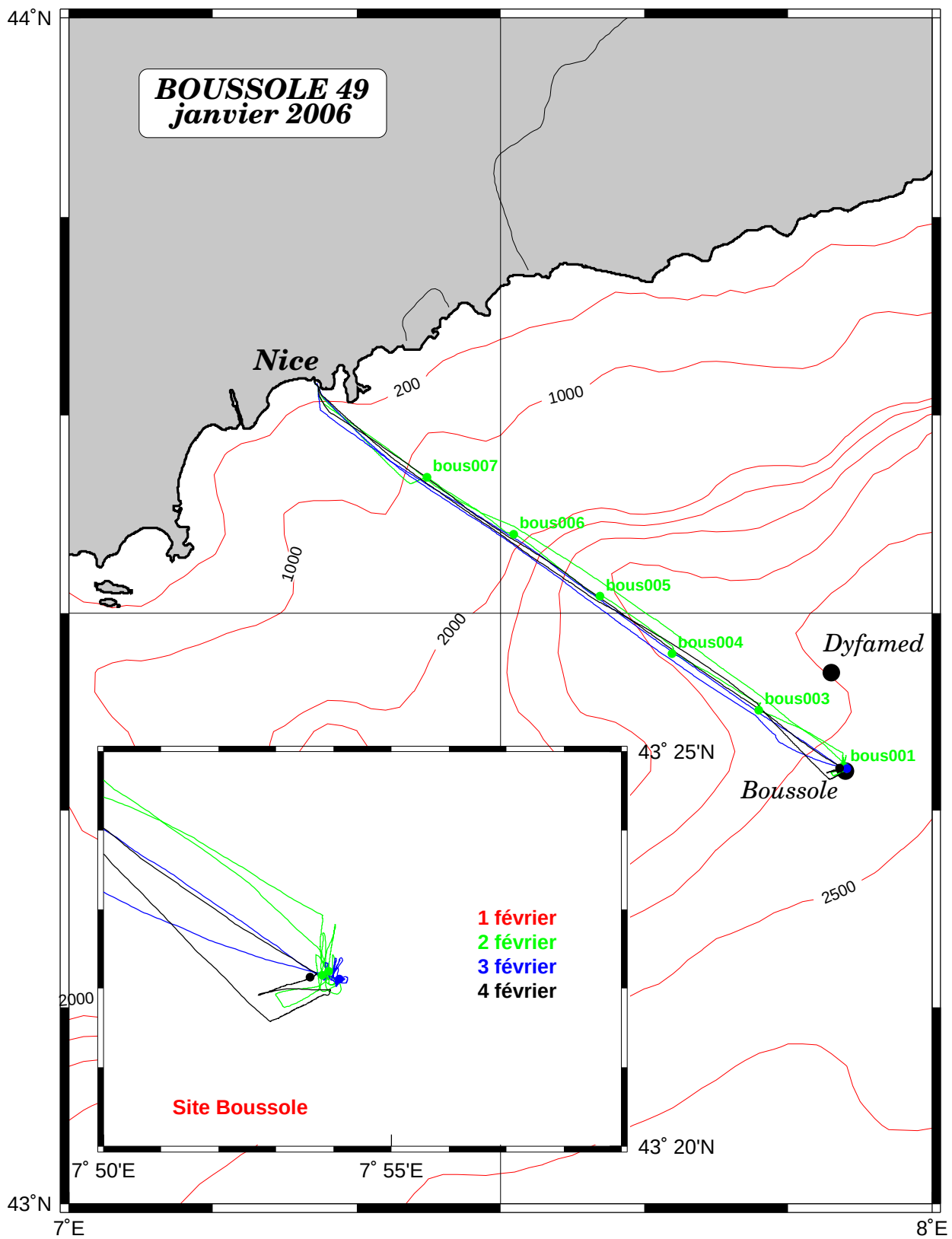
CTD Data catalogue for 2006 Cruise 49 to cruise 59



The SLOCUM glider fixed on the SeaBird carousel to inter calibrate the 2 CTD.

Laboratoire d'Océanographie de Villefranche (LOV), 06238 Villefranche sur mer cedex, France





ASCII file: C:\boussole\janv2006\ctd\raw\calib.com

Configuration report for SBE 911/917 plus CTD

Frequency channels suppressed : 2
Voltage words suppressed : 0
Computer interface : RS-232C
Scans to average : 1
Surface PAR voltage added : Yes
NMEA position data added : No
Scan time added : No

1) Frequency, Temperature

Serial number : 1378
Calibrated on : 10-Jan-06
G : 4.87144266e-003
H : 6.79438735e-004
I : 2.72042898e-005
J : 2.17814067e-006
F0 : 1000.000
Slope : 1.00000000
Offset : 0.0000

2) Frequency, Conductivity

Serial number : 2929
Calibrated on : 10-Jan-06
G : -1.06099003e+001
H : 1.42248392e+000
I : 2.00064186e-005
J : 6.17534200e-005
CTcor : 3.2500e-006
CPcor : -9.57000000e-008
Slope : 1.00000000
Offset : 0.00000

3) Frequency, Pressure, Digiquartz with TC

Serial number : 53981
Calibrated on : 11-Jan-95
C1 : -4.499337e+004
C2 : 4.543683e-001
C3 : 1.505020e-002
D1 : 3.936600e-002
D2 : 0.000000e+000
T1 : 3.004660e+001
T2 : -1.897714e-004
T3 : 4.727060e-006
T4 : 1.923520e-009
T5 : 0.000000e+000
Slope : 0.99985000
Offset : 0.11430
AD590M : 1.138000e-002
AD590B : -8.189160e+000

4) A/D voltage 0, Oxygen, SBE 43

Serial number : 0587
Calibrated on : 10-Jan-04
Soc : 3.5840e-001
Boc : 0.0000
Offset : -0.4782
Tcor : 0.0012
Pcor : 1.35e-004
Tau : 0.0

5) A/D voltage 1, Free

6) A/D voltage 2, Fluorometer, Chelsea Aqua 3

Serial number : 088193
Calibrated on : 27-oct-97
VB : 0.165000
Vl : 1.933000
Vacetone : 0.250000
Scale factor : 1.000000
Slope : 1.000000
Offset : 0.000000

7) A/D voltage 3, Free

8) A/D voltage 4, Fluorometer, Wetlab CDOM

Serial number : 1095
Calibrated on : 09-dec-05
Vblank : 0.057
Scale factor : 66.500

9) A/D voltage 5, Free

10) A/D voltage 6, Free

11) A/D voltage 7, Free

12) SPAR voltage, Unavailable

13) SPAR voltage, SPAR/Surface Irradiance

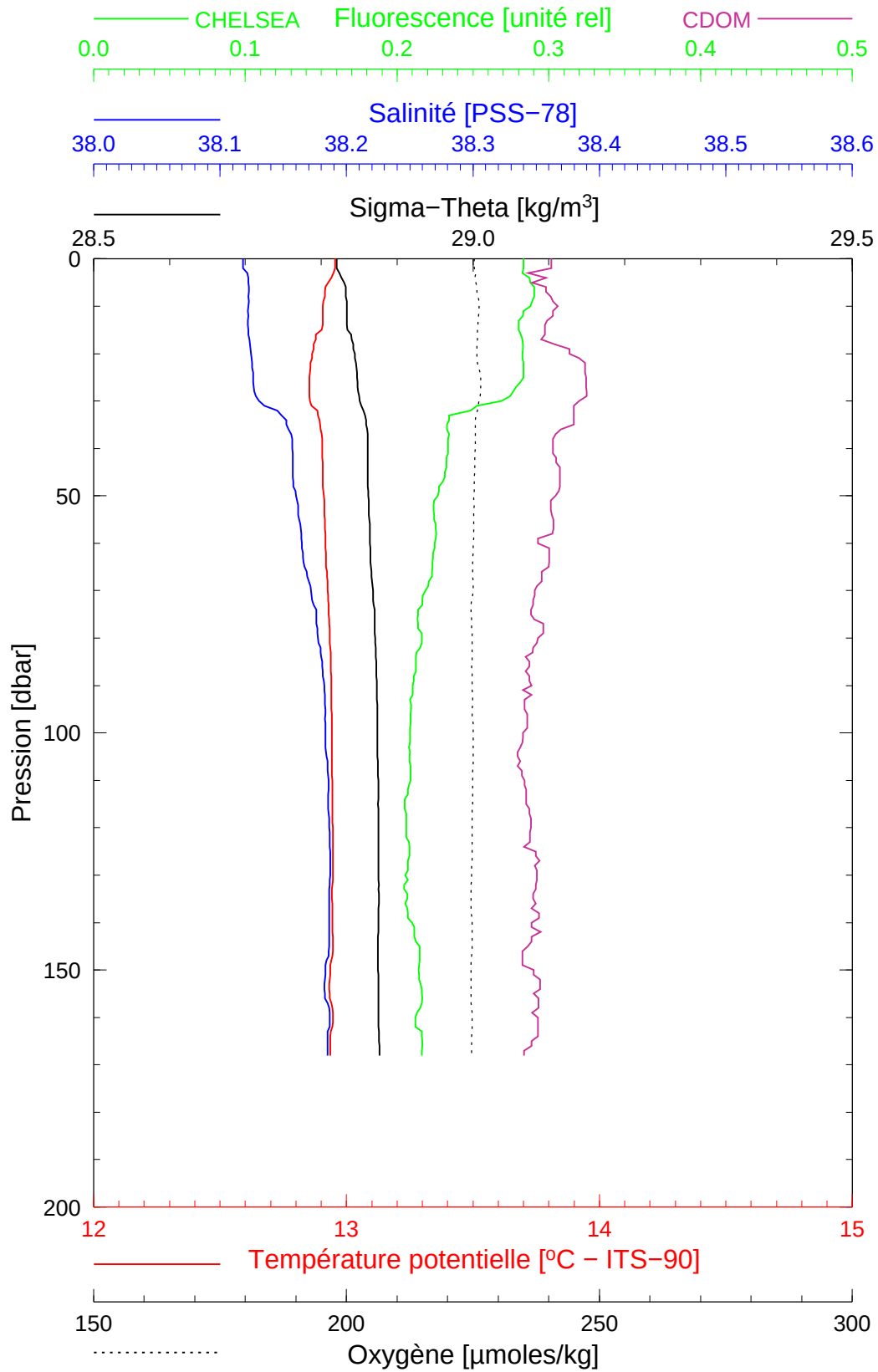
Serial number : 6326
Calibrated on : 24-fev-95
Conversion factor : 753.25000000
Ratio multiplier : 1.00000000

Boussole 49

01/02/2006

BOUS060201_01

Point B



Date 01/02/2006
Heure déb 15h 51min [TU]

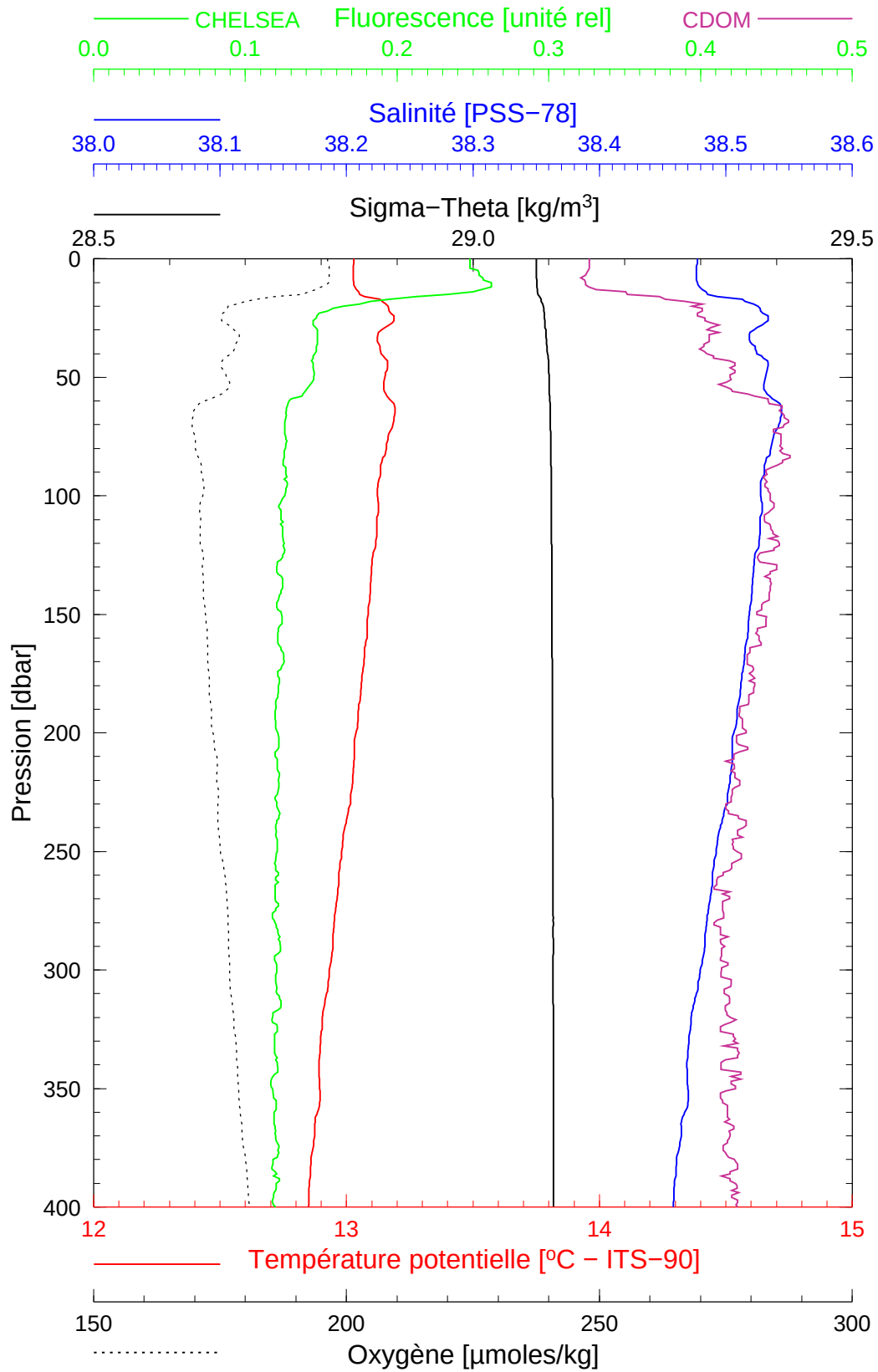
Latitude 43°40.995 N
Longitude 07°18.769 E

Boussole 49

02/02/2006

BOUS060202_01

BOUS001



Date 02/02/2006
Heure déb 09h 27min [TU]

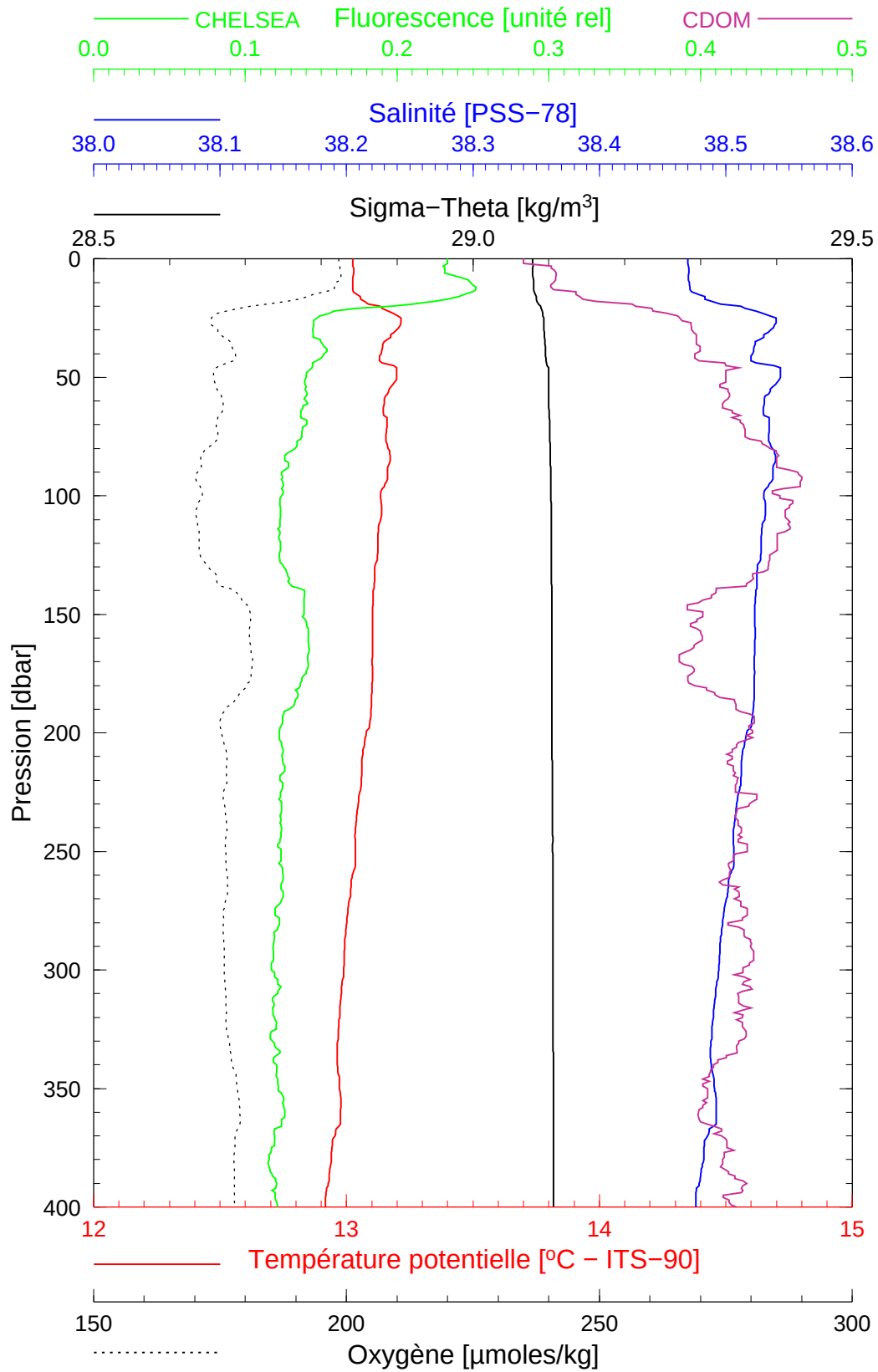
Latitude 43°22.215 N
Longitude 07°53.910 E

Boussole 49

02/02/2006

BOUS060202_02

BOUS002



Date 02/02/2006
Heure déb 10h 26min [TU]

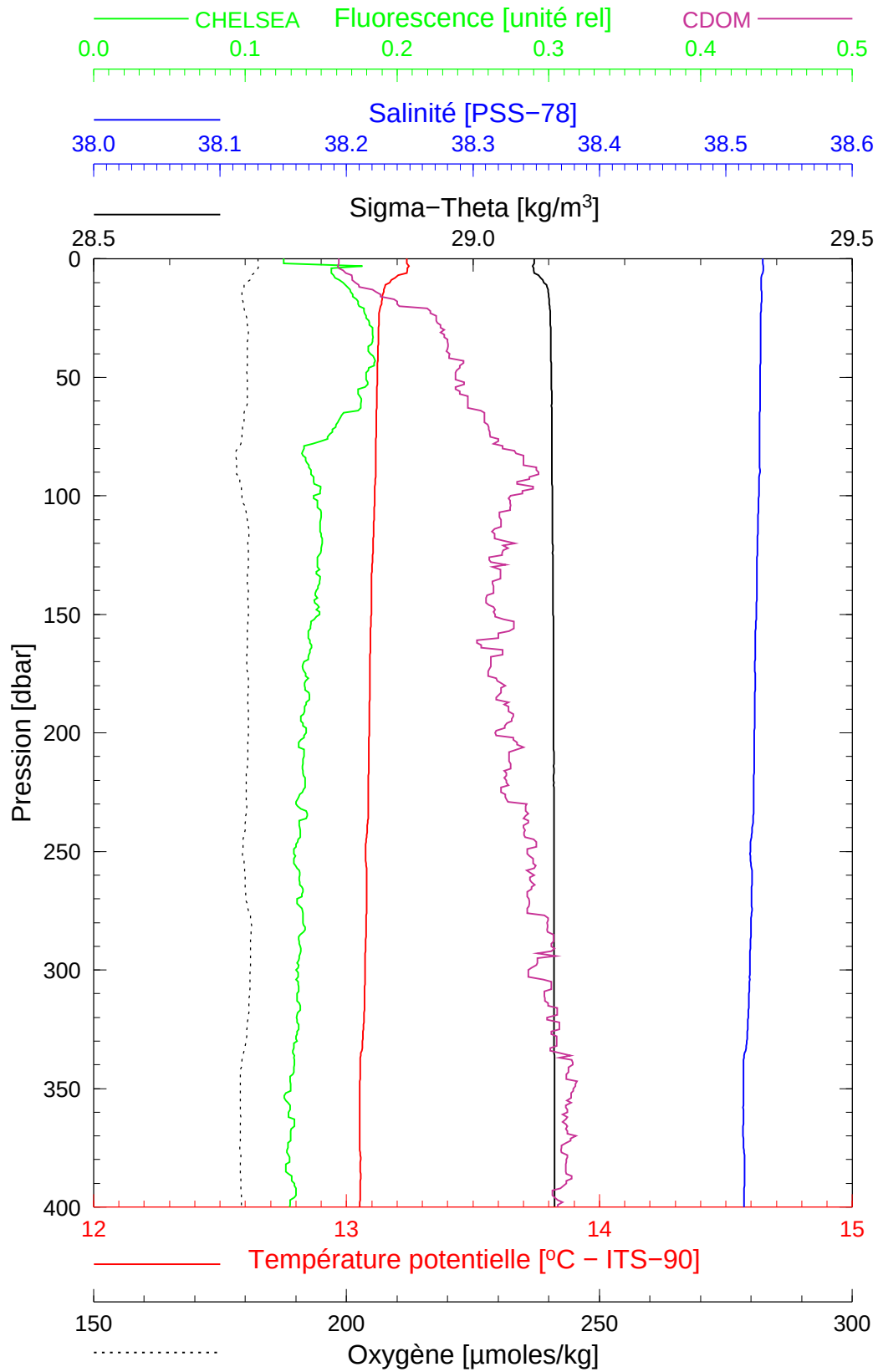
Latitude 43°22.168 N
Longitude 07°53.805 E

Boussole 49

02/02/2006

BOUS060202_03

BOUS003



Date 02/02/2006
Heure déb 13h 52min [TU]

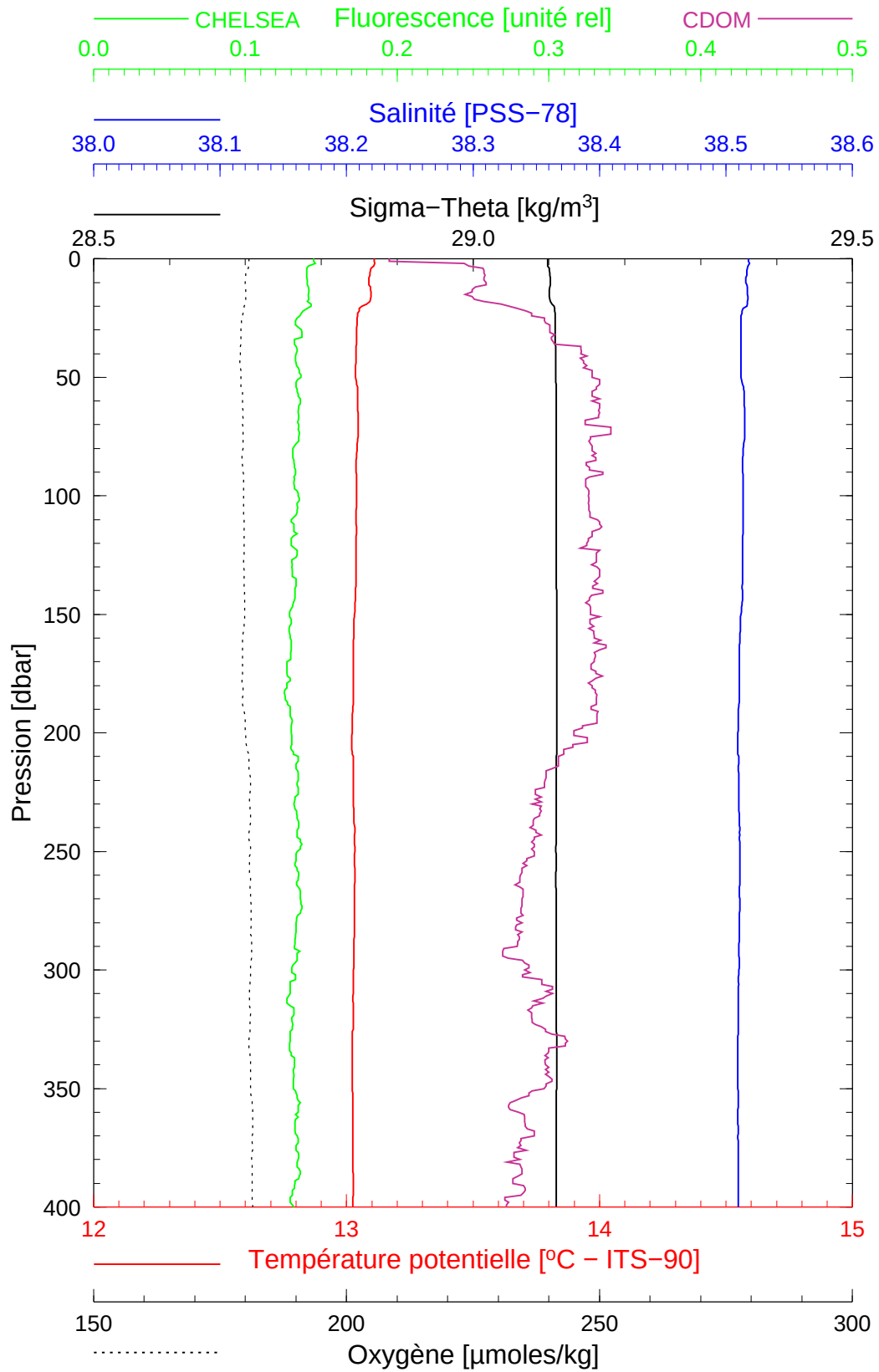
Latitude $43^{\circ}25.091\text{ N}$
Longitude $07^{\circ}47.949\text{ E}$

Boussole 49

02/02/2006

BOUS060202_04

BOUS004



Date 02/02/2006
Heure déb 14h 58min [TU]

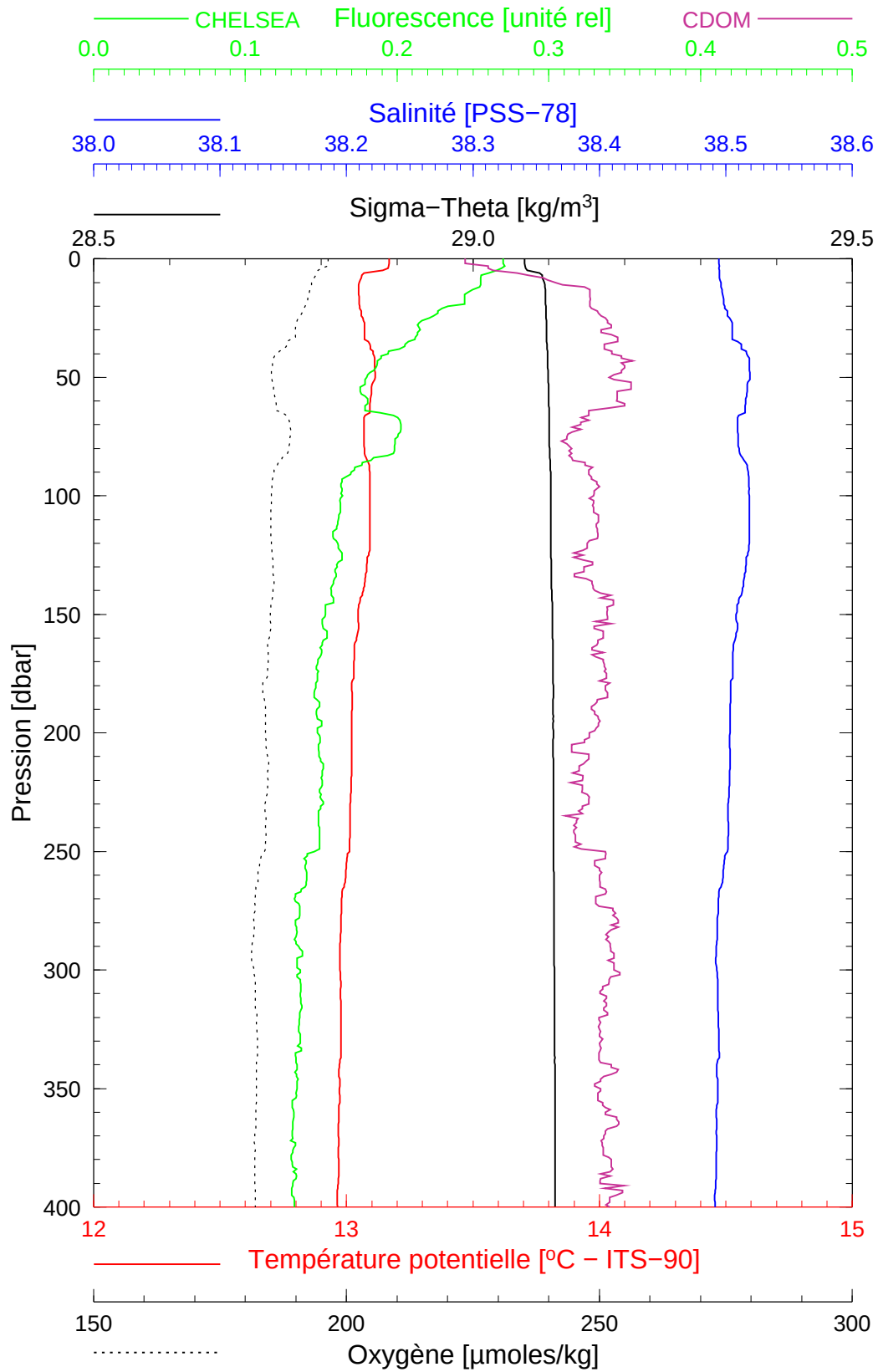
Latitude $43^{\circ}27.958\text{ N}$
Longitude $07^{\circ}41.926\text{ E}$

Boussole 49

02/02/2006

BOUS060202_05

BOUS005



Date 02/02/2006
Heure déb 15h 55min [TU]

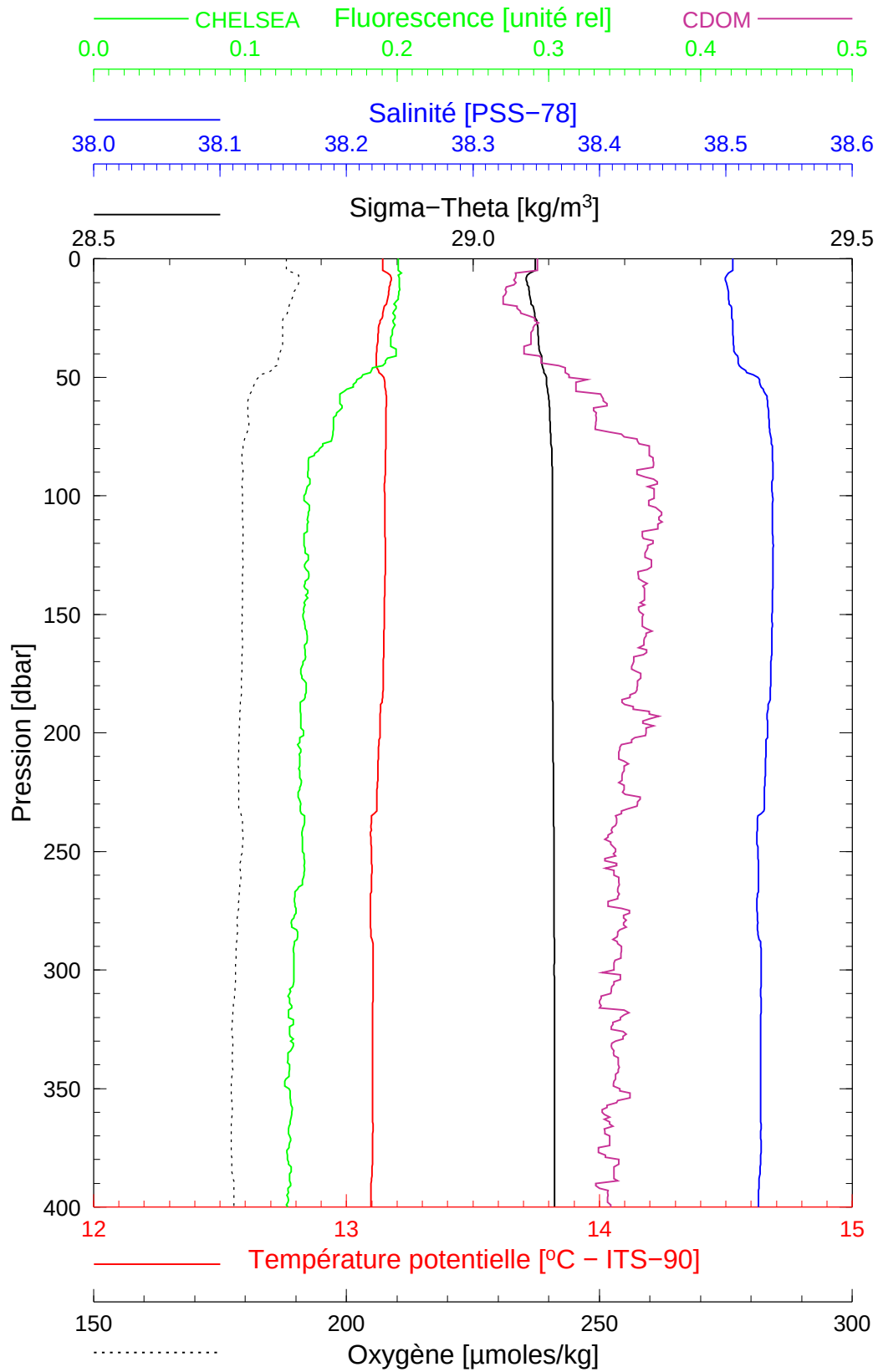
Latitude $43^{\circ}30.867\text{ N}$
Longitude $07^{\circ}36.919\text{ E}$

Boussole 49

02/02/2006

BOUS060202_06

BOUS006



Date 02/02/2006
Heure déb 16h 58min [TU]

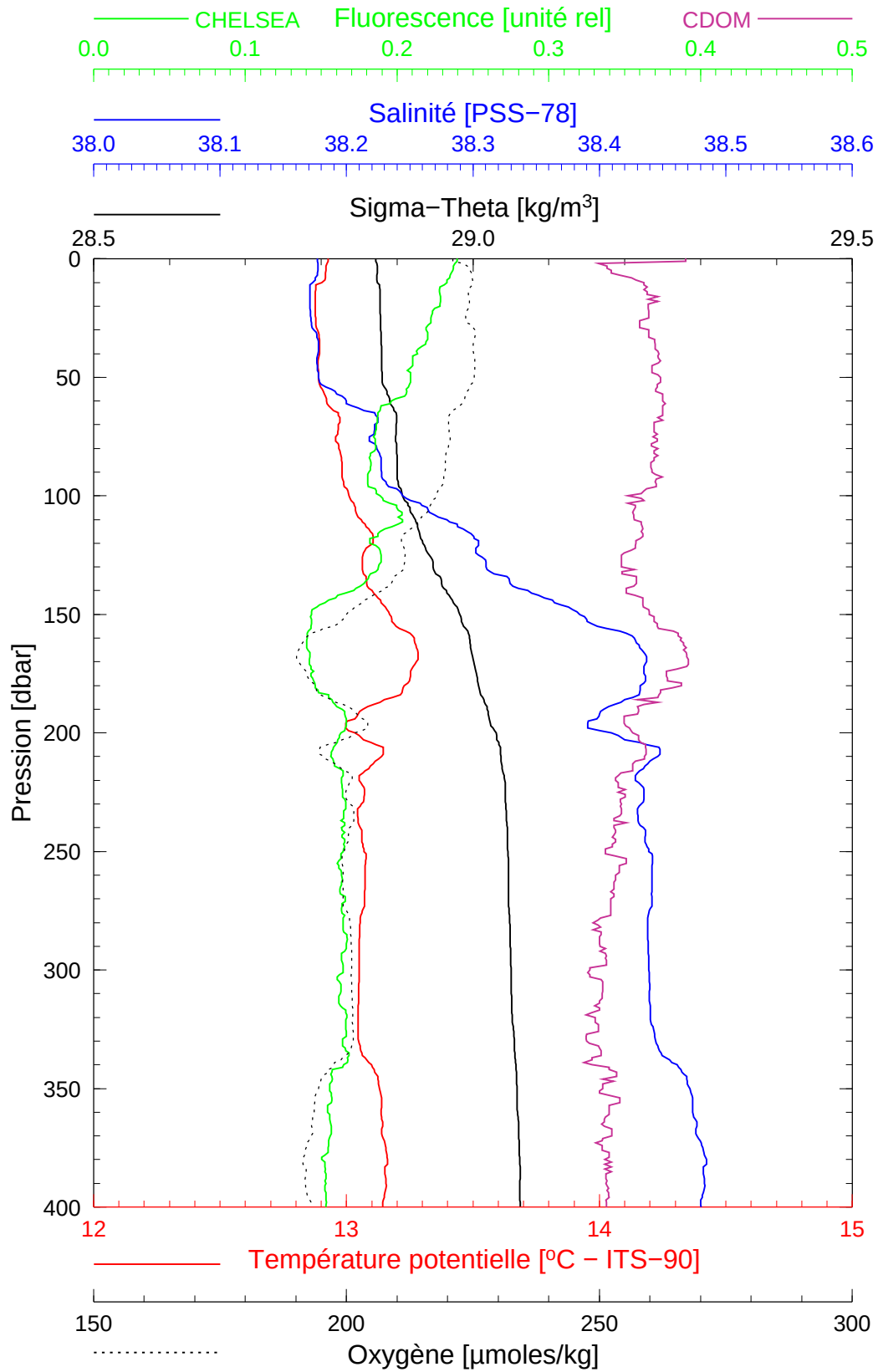
Latitude $43^{\circ}33.997\text{ N}$
Longitude $07^{\circ}30.929\text{ E}$

Boussole 49

02/02/2006

BOUS060202_07

BOUS007



Date 02/02/2006
Heure déb 17h 56min [TU]

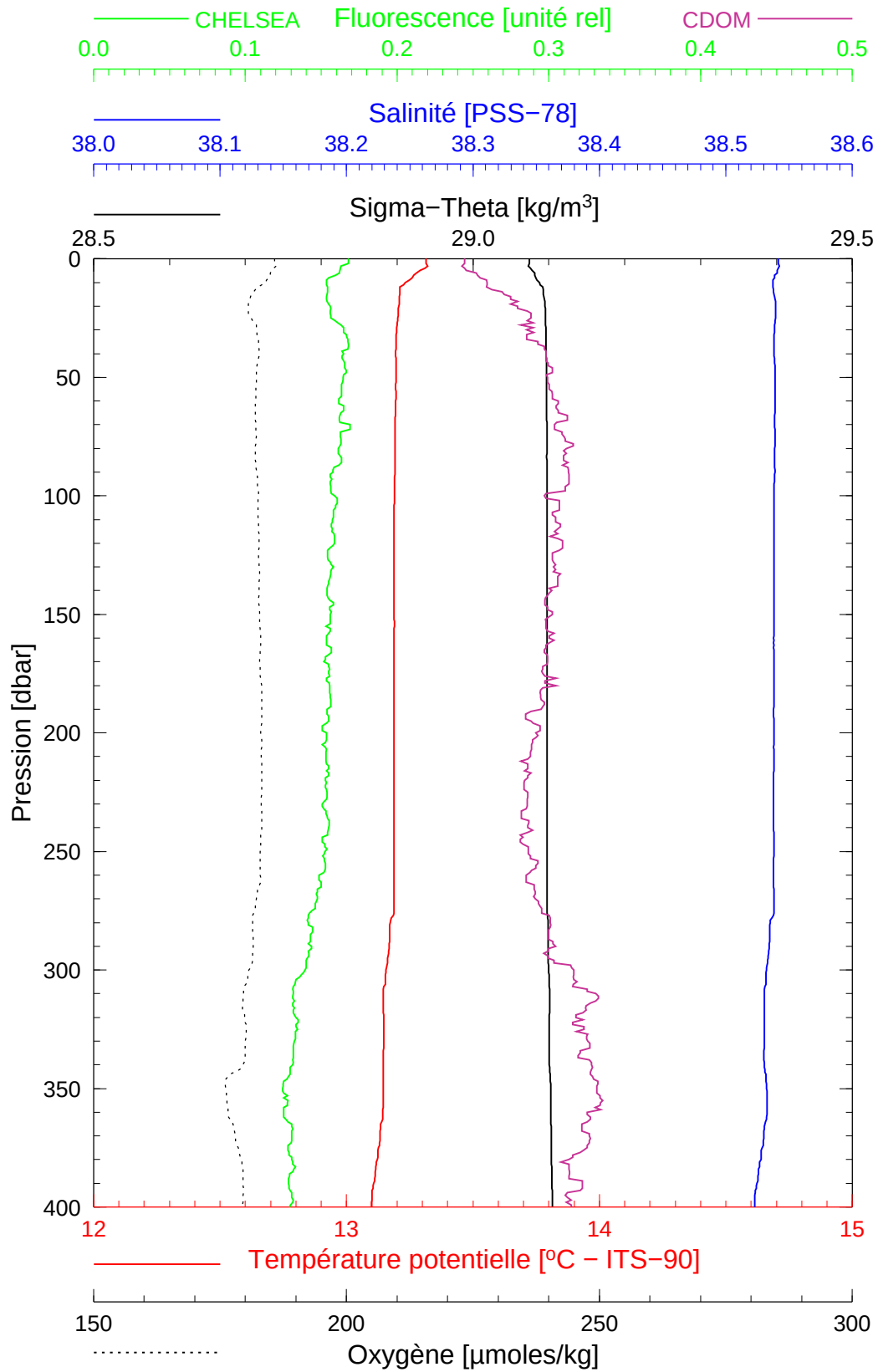
Latitude $43^{\circ}36.878\text{ N}$
Longitude $07^{\circ}24.894\text{ E}$

Boussole 49

03/02/2006

BOUS060203_01

BOUS008



Date 03/02/2006
Heure déb 13h 51min [TU]

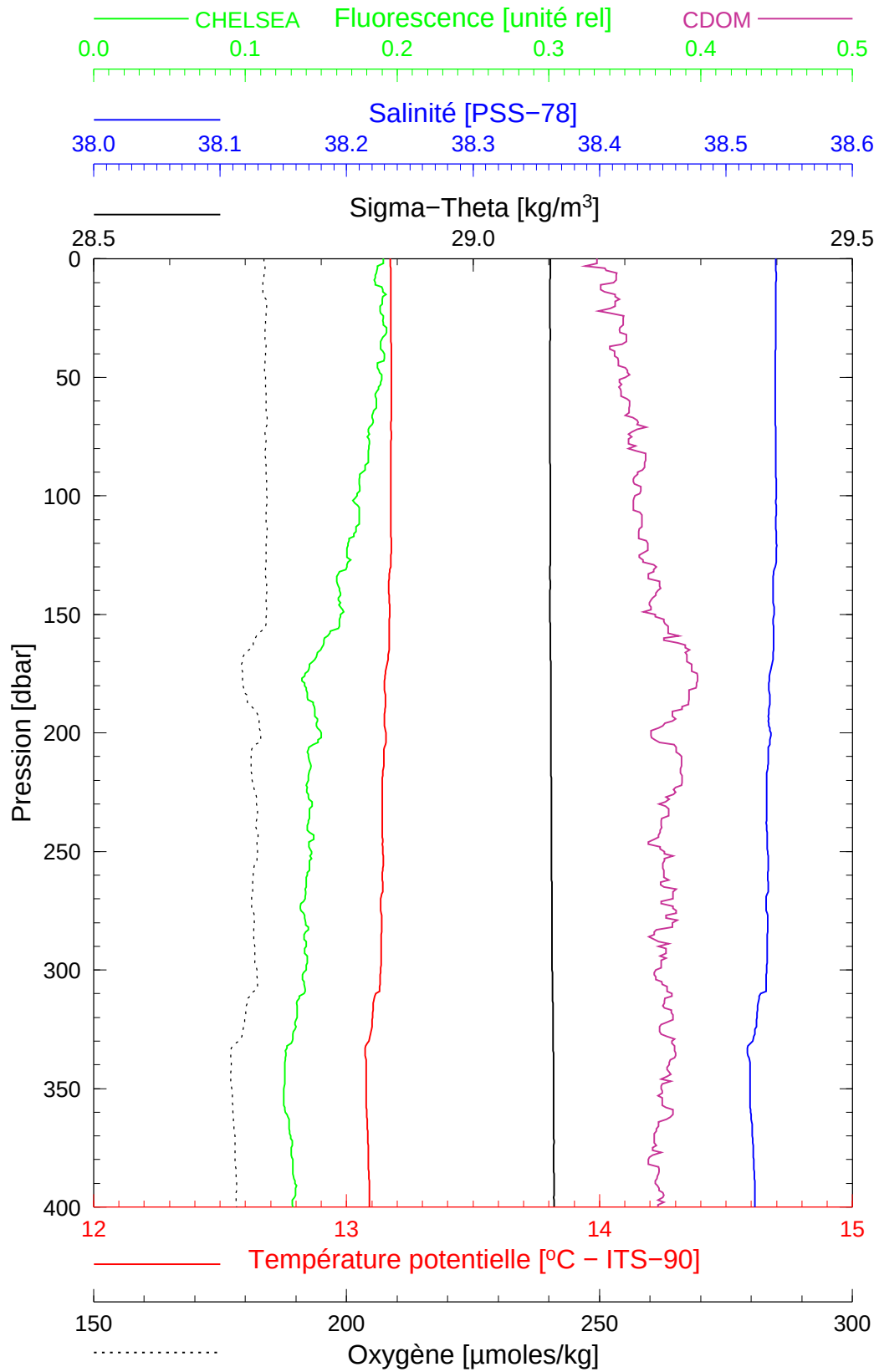
Latitude 43°22.119 N
Longitude 07°54.099 E

Boussole 49

04/02/2006

BOUS060204_01

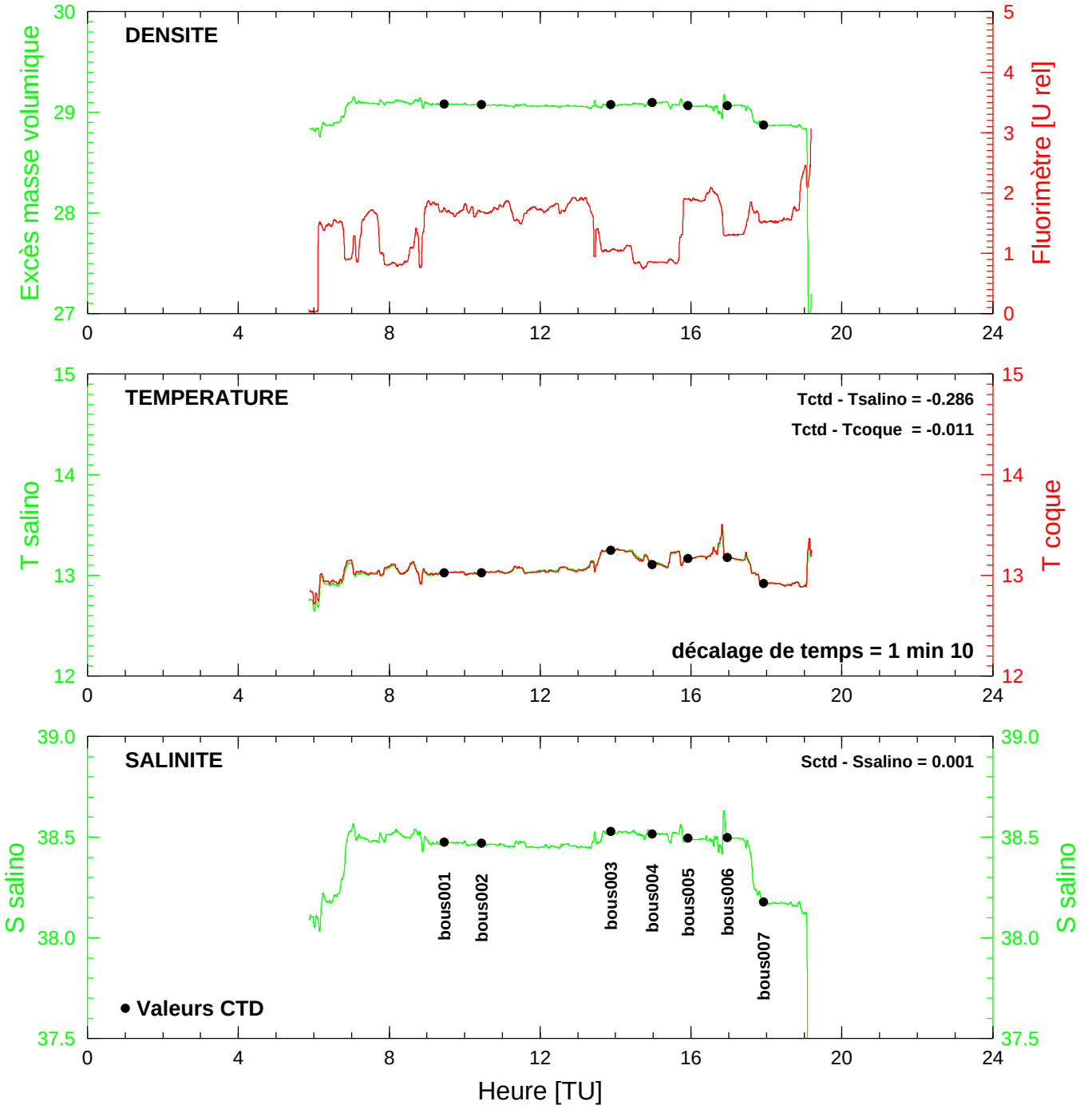
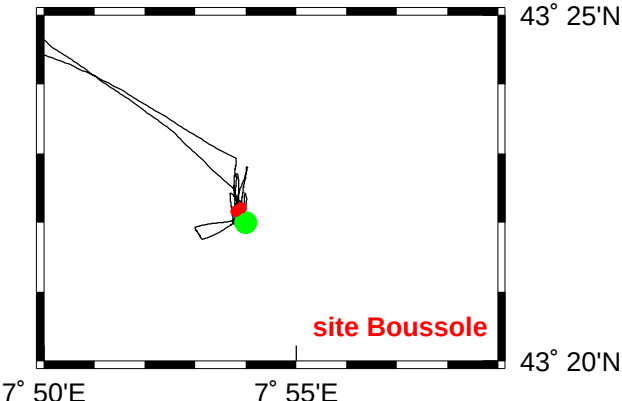
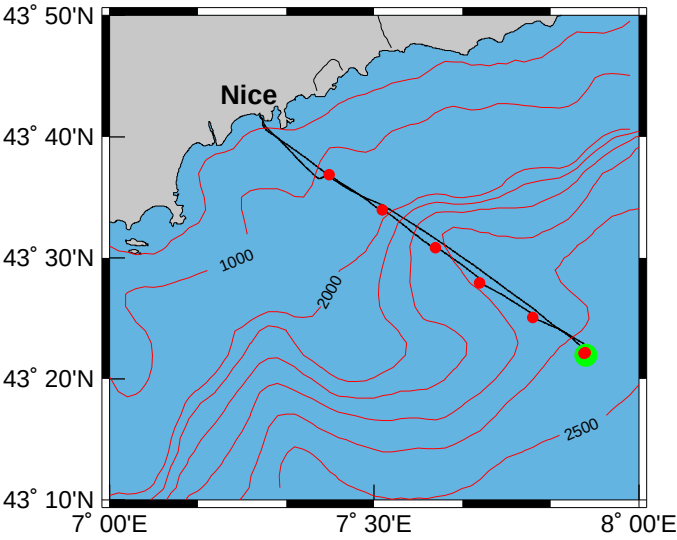
BOUS009



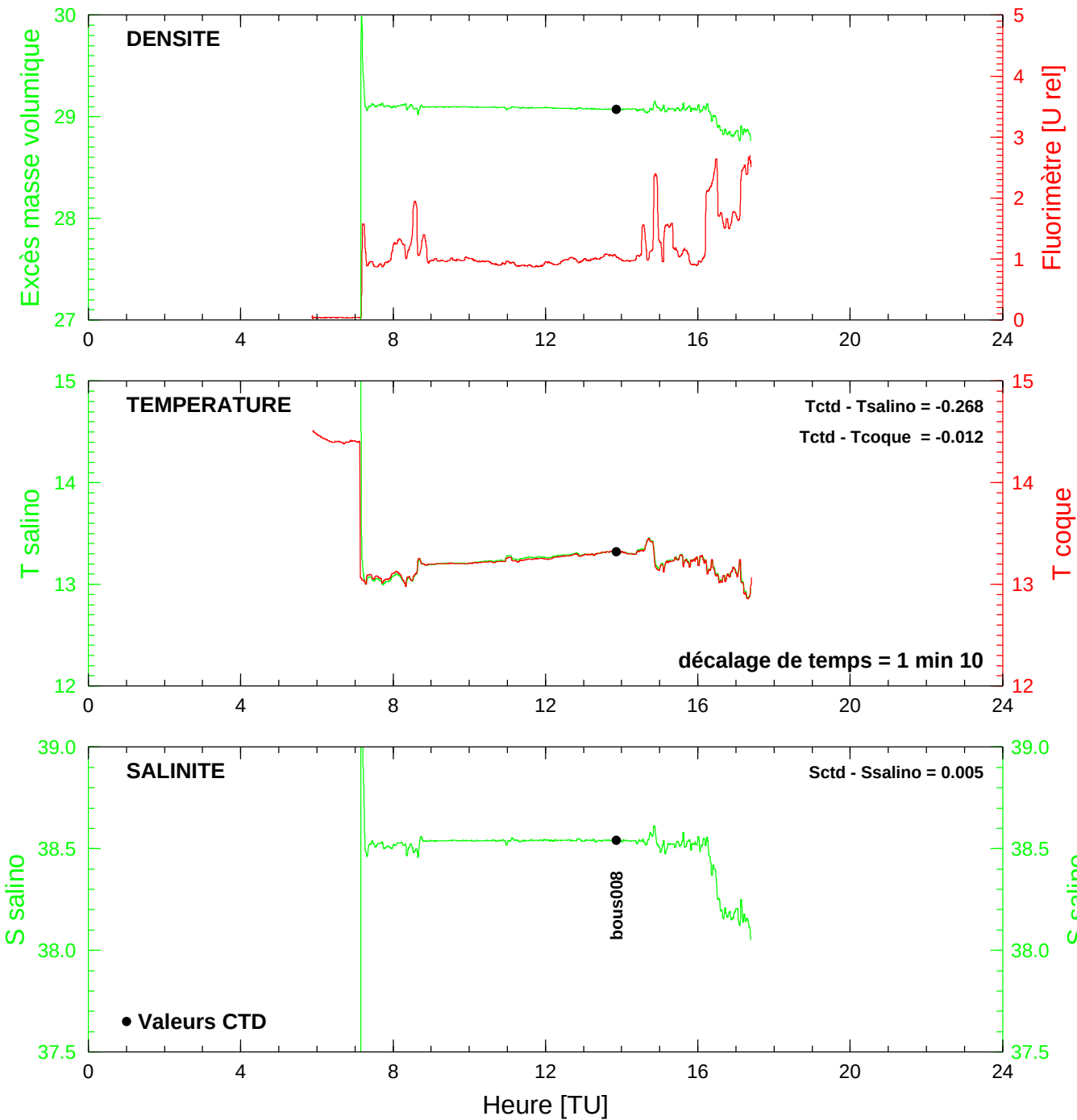
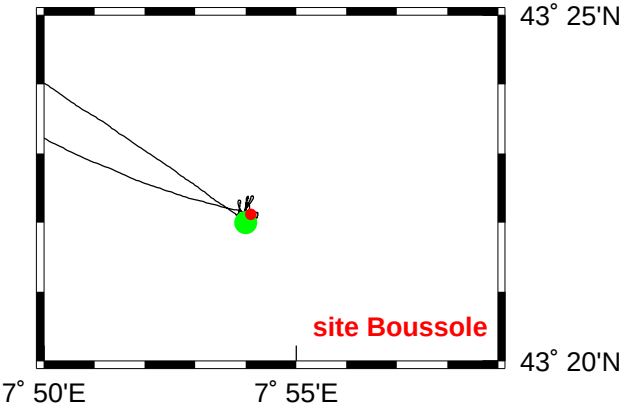
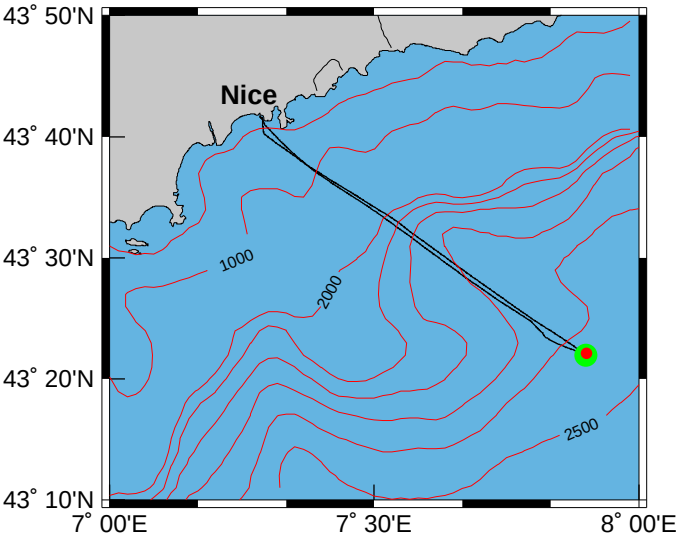
Date 04/02/2006
Heure déb 08h 57min [TU]

Latitude $43^{\circ}22.145$ N
Longitude $07^{\circ}53.592$ E

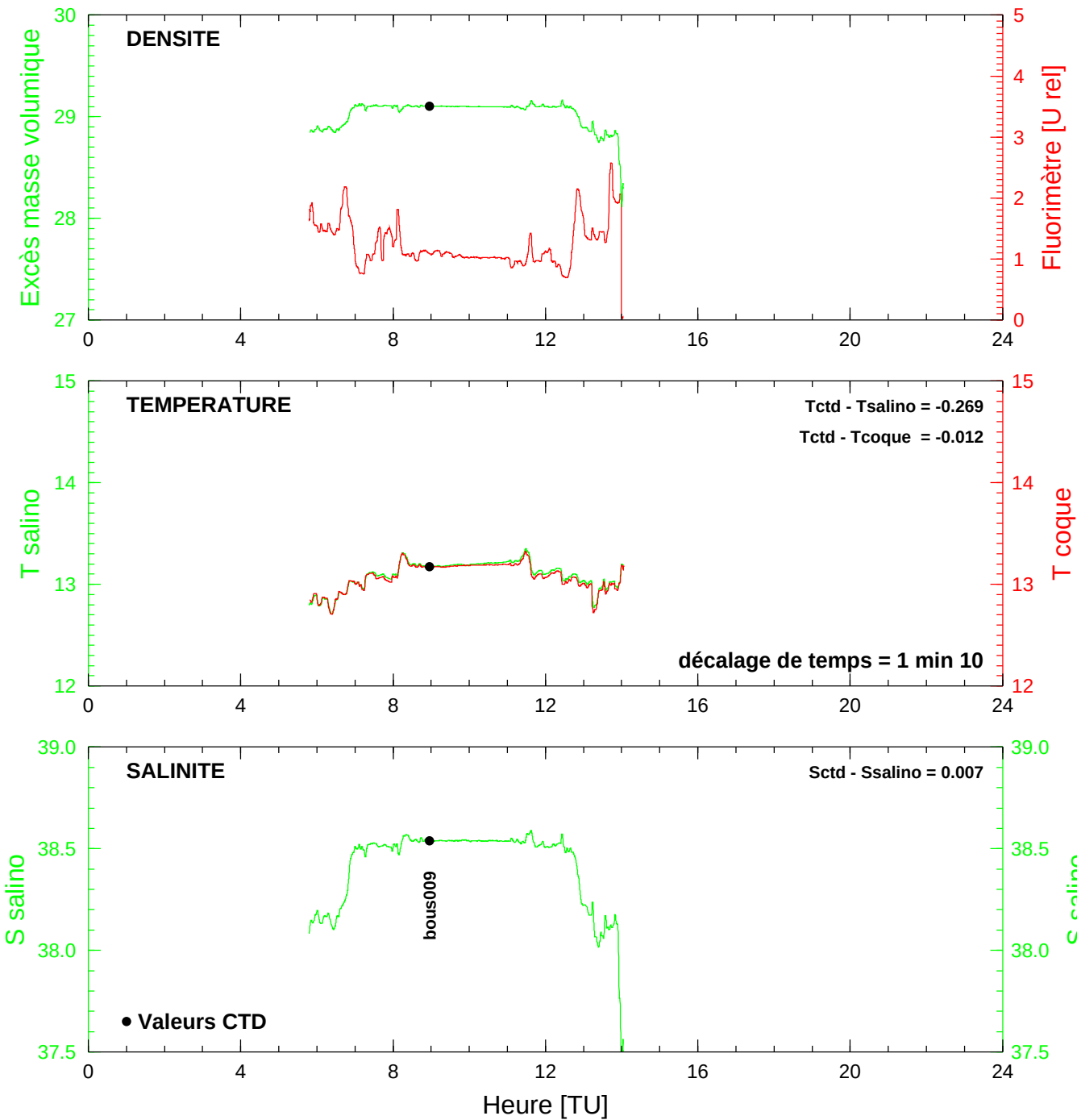
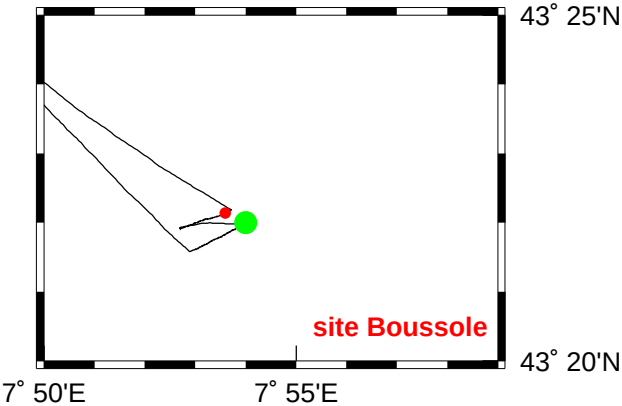
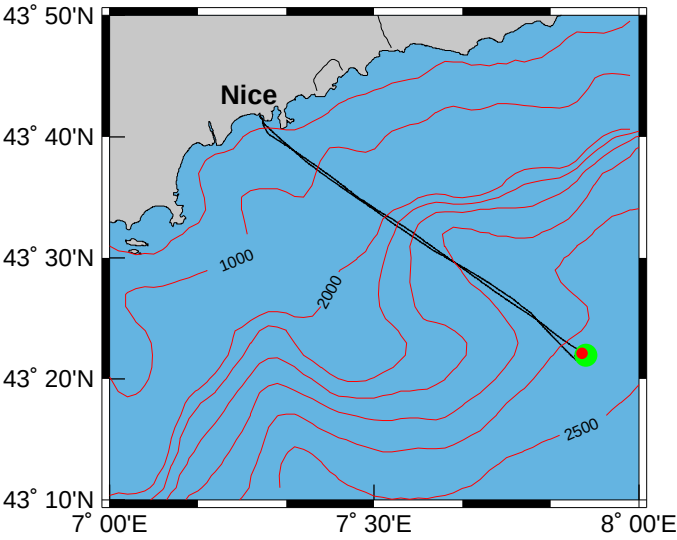
BOUSSOLE 49 02 février 2006

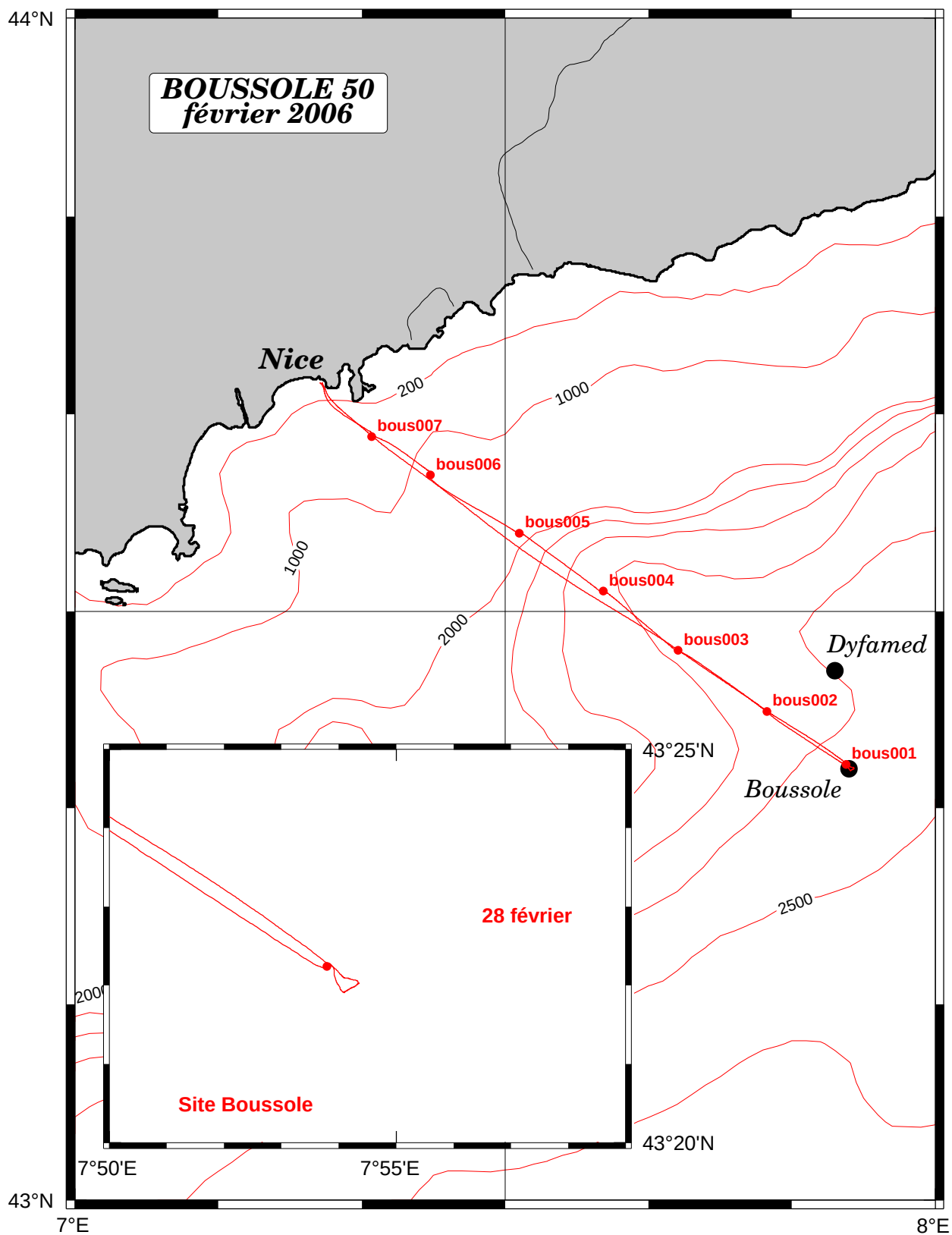


BOUSSOLE 49 03 février 2006



BOUSSOLE 49 04 février 2006





ASCII file: C:\boussole\fev2006\ctd\raw\calib.com

Configuration report for SBE 911/917 plus CTD

Frequency channels suppressed : 2
Voltage words suppressed : 0
Computer interface : RS-232C
Scans to average : 1
Surface PAR voltage added : Yes
NMEA position data added : No
Scan time added : No

1) Frequency 0, **Temperature**

Serial number : **1378**
Calibrated on : 11-Jan-06
G : 4.87144266e-003
H : 6.79438735e-004
I : 2.72042898e-005
J : 2.17814067e-006
F0 : 1000.000
Slope : 1.00000000
Offset : 0.0000

2) Frequency 1, **Conductivity**

Serial number : **2929**
Calibrated on : 10-Jan-06
G : -1.06099003e+001
H : 1.42248392e+000
I : 2.00064186e-005
J : 6.17534200e-005
CTcor : 3.2500e-006
CPcor : -9.57000000e-008
Slope : 1.00000000
Offset : 0.0000

3) Frequency 2, **Pressure, Digiquartz with TC**

Serial number : **53981**
Calibrated on : 11-Jan-95
C1 : -4.499337e+004
C2 : 4.543683e-001
C3 : 1.505020e-002
D1 : 3.936600e-002
D2 : 0.000000e+000
T1 : 3.004660e+001
T2 : -1.897714e-004
T3 : 4.727060e-006
T4 : 1.923520e-009
T5 : 0.000000e+000
Slope : 0.99985000
Offset : 0.11430
AD590M : 1.138000e-002
AD590B : -8.189160e+000

4) A/D voltage 0, **Oxygen, SBE 43**

Serial number : **0587**
Calibrated on : 10-Jan-04
Soc : 3.5840e-001
Boc : 0.0000
Offset : -0.4782
Tcor : 0.0012
Pcor : 1.35e-004
Tau : 0.0

5) A/D voltage 1, Free

6) A/D voltage 2, **Fluorometer, Chelsea Aqua 3**

Serial number : **088193**
Calibrated on : 27-oct-97
VB : 0.165000
V1 : 1.933000
Vacetone : 0.250000
Scale factor : 1.000000
Slope : 1.000000
Offset : 0.000000

7) A/D voltage 3, Free

8) A/D voltage 4, **Fluorometer, Wetlab CDOM**

Serial number : **1095P**
Calibrated on : 05-Dec-05
Vblank : 0.057
Scale factor : 66.500

9) A/D voltage 5, Free

10) A/D voltage 6, Free

11) A/D voltage 7, Free

12) SPAR voltage, Unavailable

13) SPAR voltage, **SPAR/Surface Irradiance**

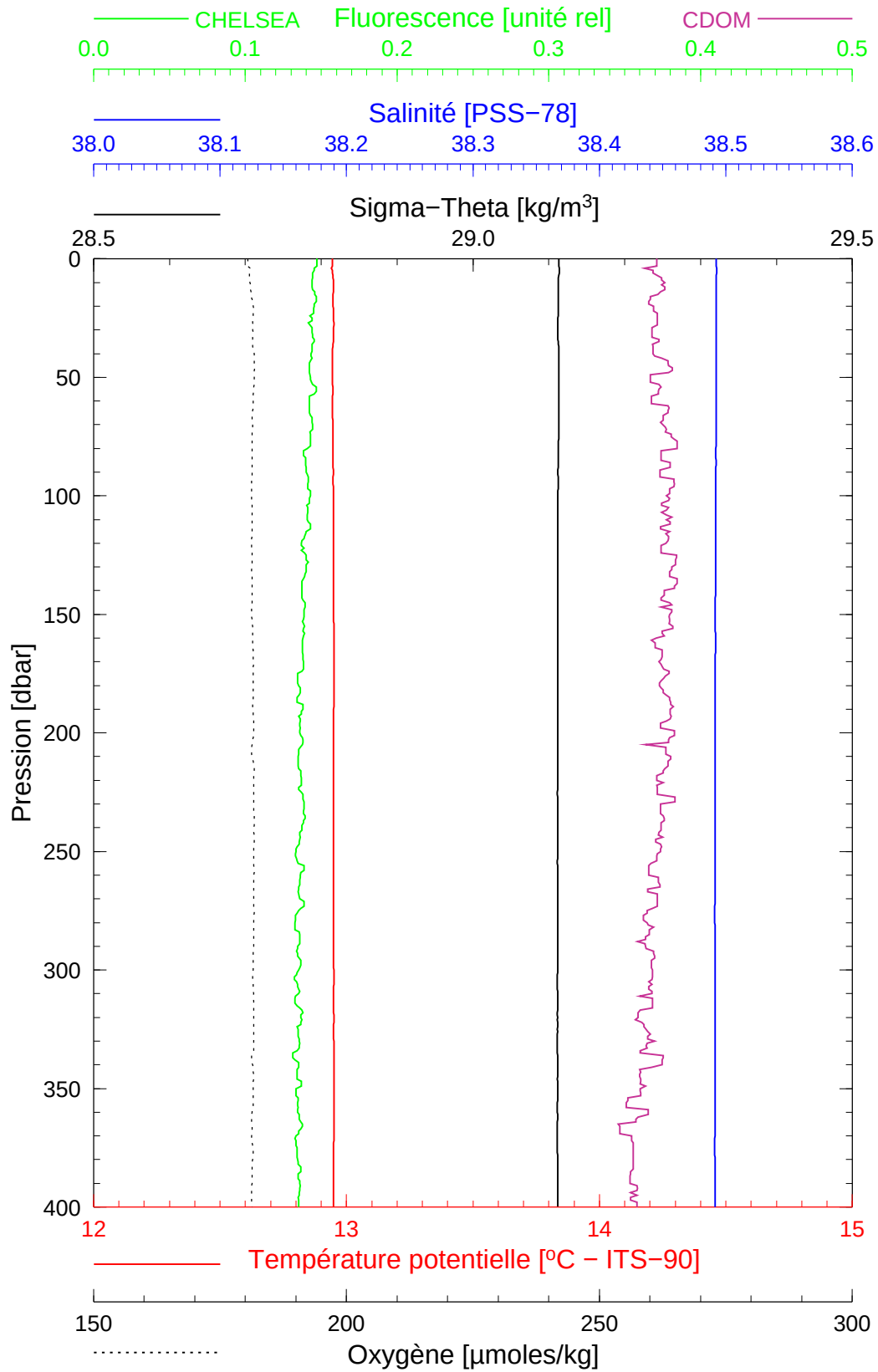
Serial number : **6326**
Calibrated on : 24-fev-95
Conversion factor : 753.25000000
Ratio multiplier : 1.00000000

Boussole 50

28/02/2006

BOUS060228_01

BOUS001



Date 28/02/2006
Heure déb 09h 28min [TU]

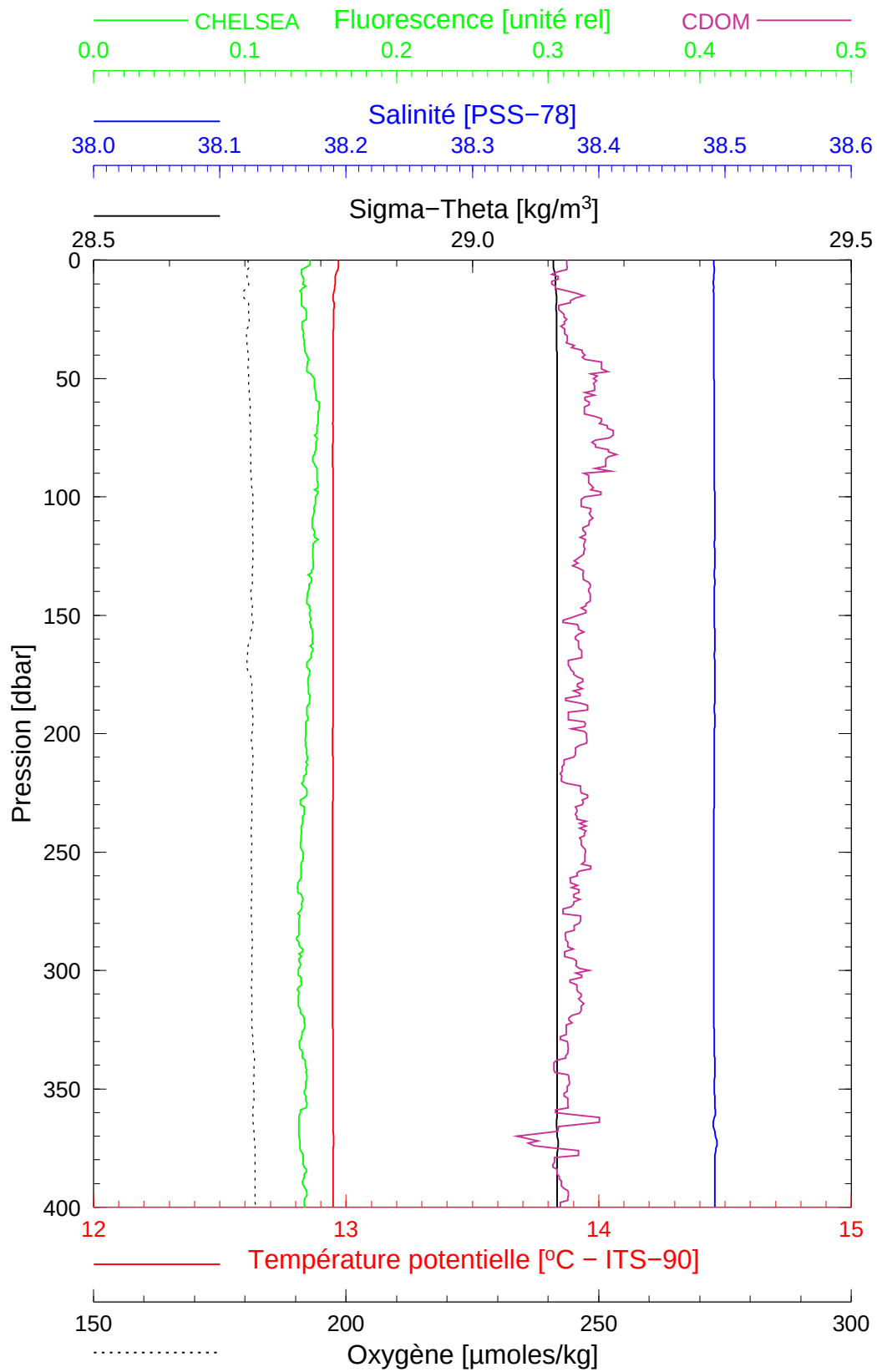
Latitude 43°22.241 N
Longitude 07°53.792 E

Boussole 50

28/02/2006

BOUS060228_02

BOUS002



Date 28/02/2006
Heure déb 10h 58min [TU]

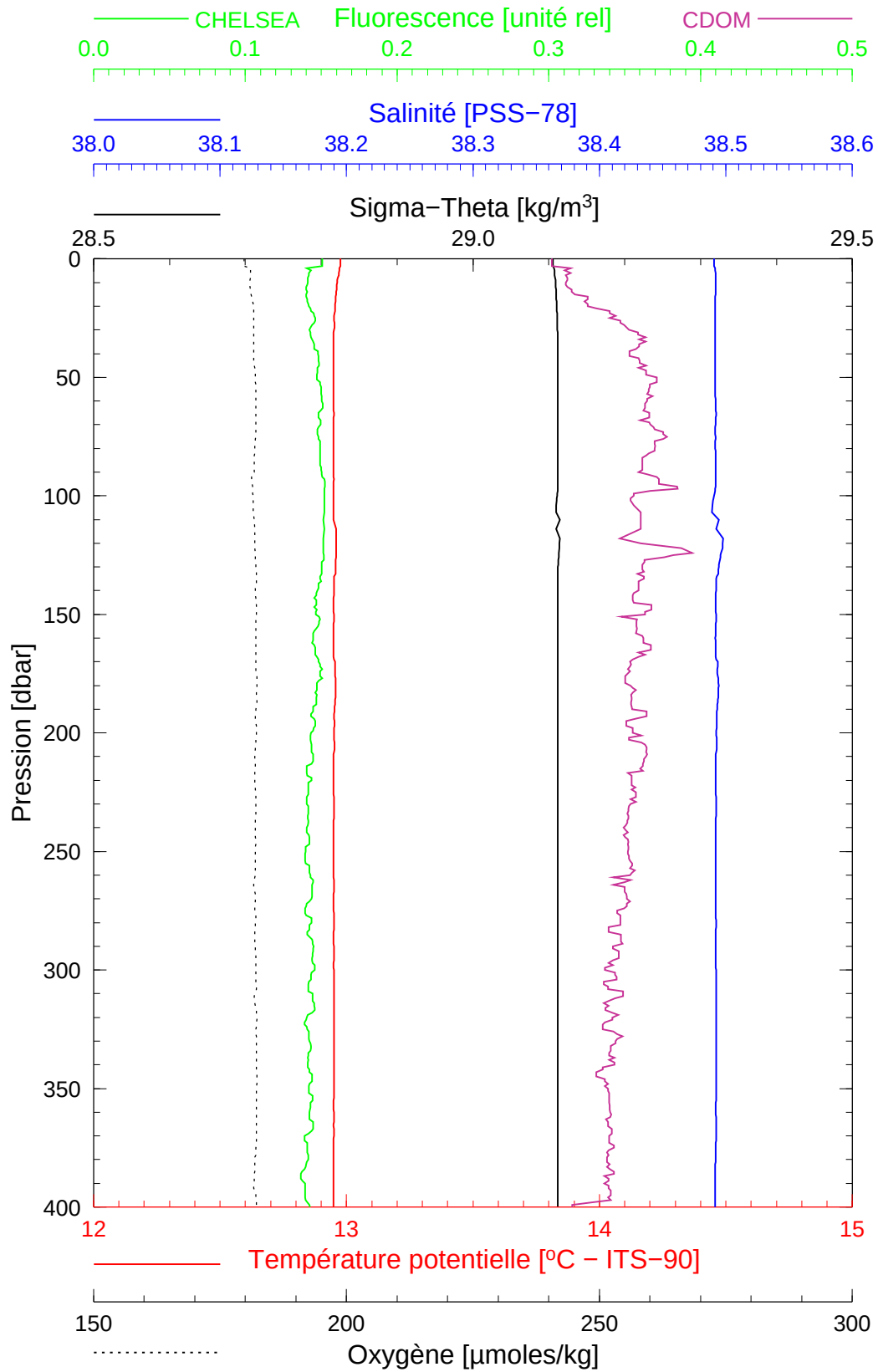
Latitude $43^{\circ}24.921\text{ N}$
Longitude $07^{\circ}48.272\text{ E}$

Boussole 50

28/02/2006

BOUS060228_03

BOUS003



Date 28/02/2006
Heure déb 12h 12min [TU]

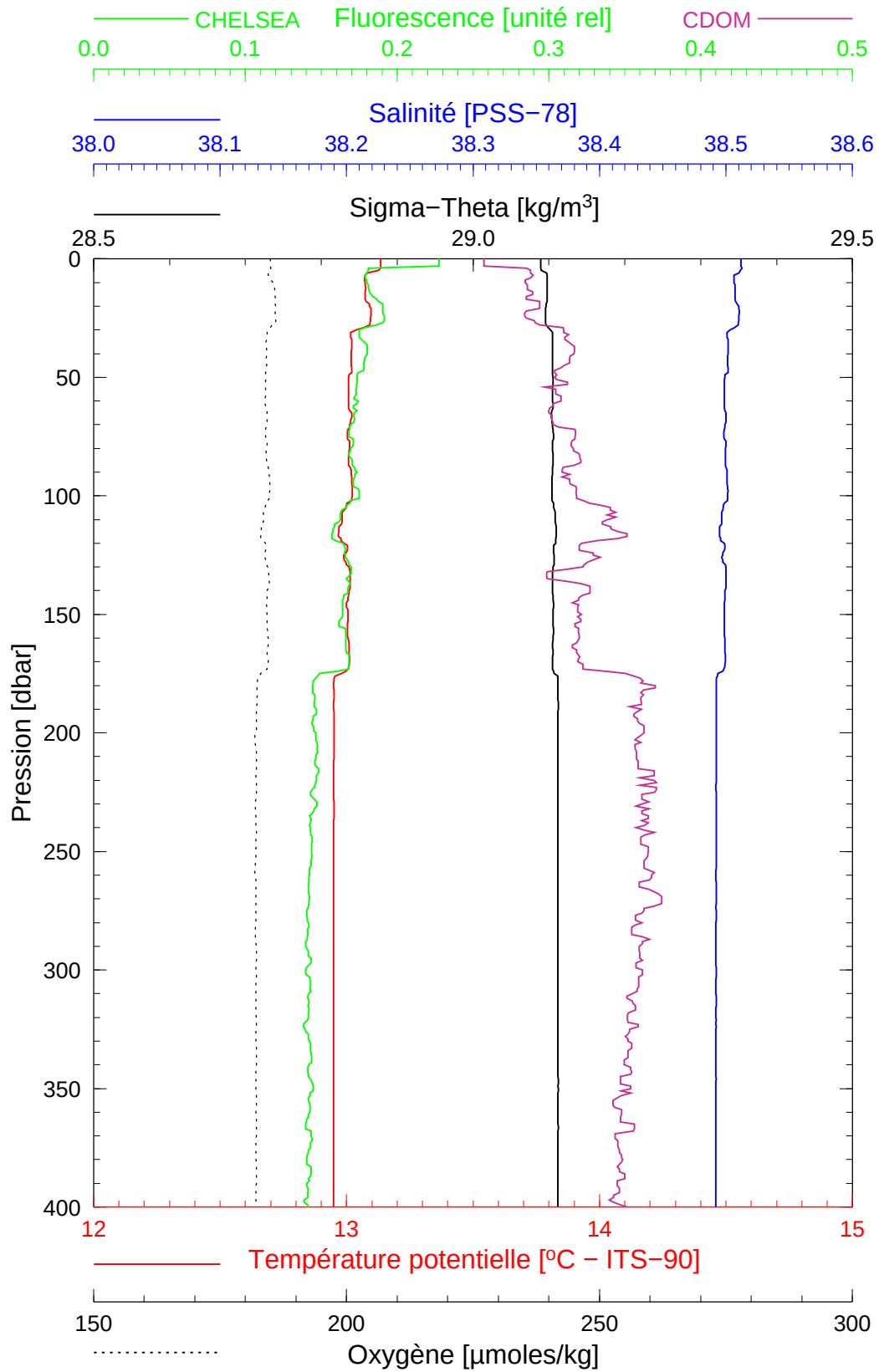
Latitude 43°28.026 N
Longitude 07°42.073 E

Boussole 50

28/02/2006

BOUS060228_04

BOUS004



Date 28/02/2006
Heure déb 13h 12min [TU]

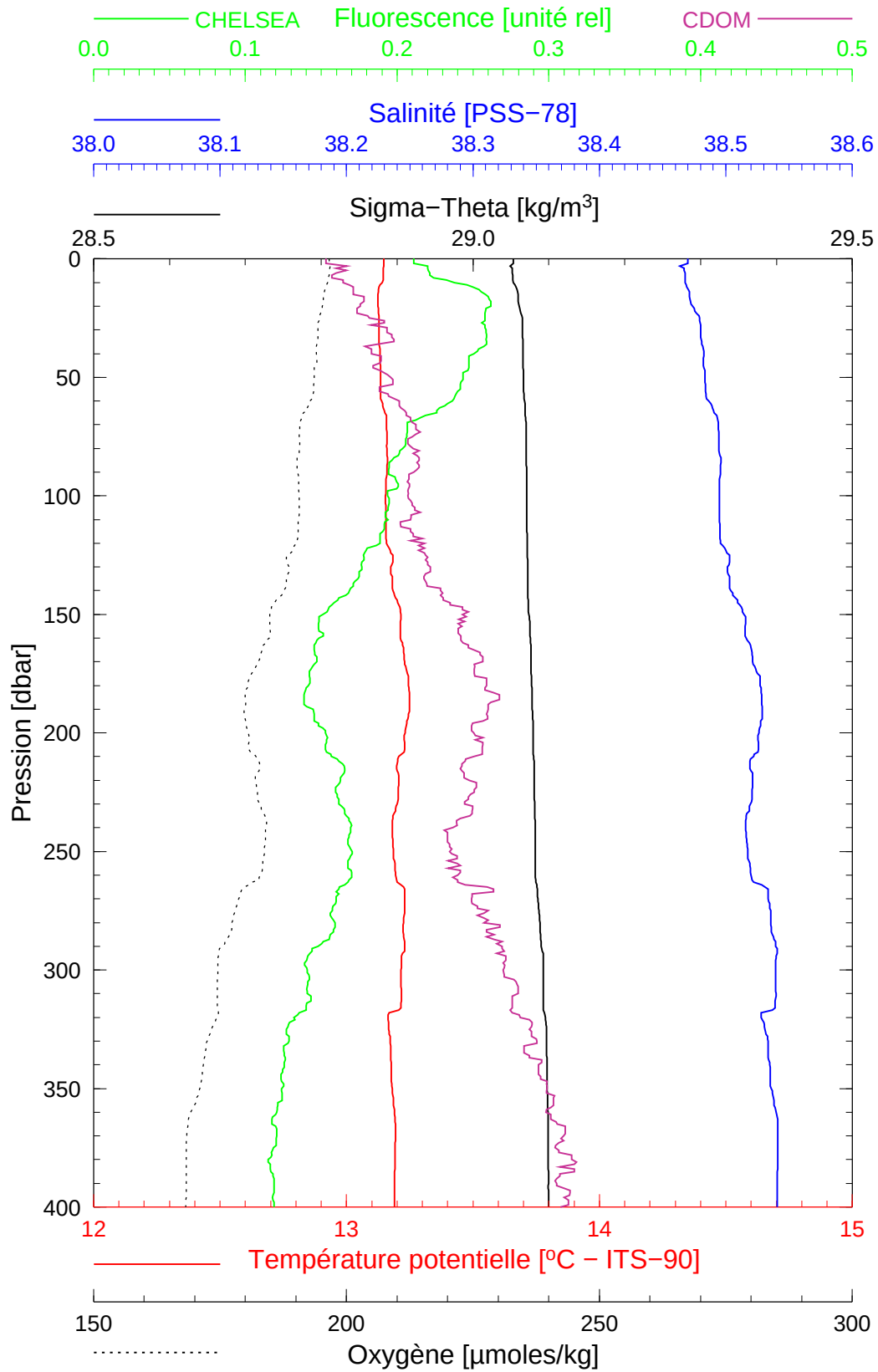
Latitude $43^{\circ}31.047\text{ N}$
Longitude $07^{\circ}36.855\text{ E}$

Boussole 50

28/02/2006

BOUS060228_05

BOUS005



Date 28/02/2006
Heure déb 14h 17min [TU]

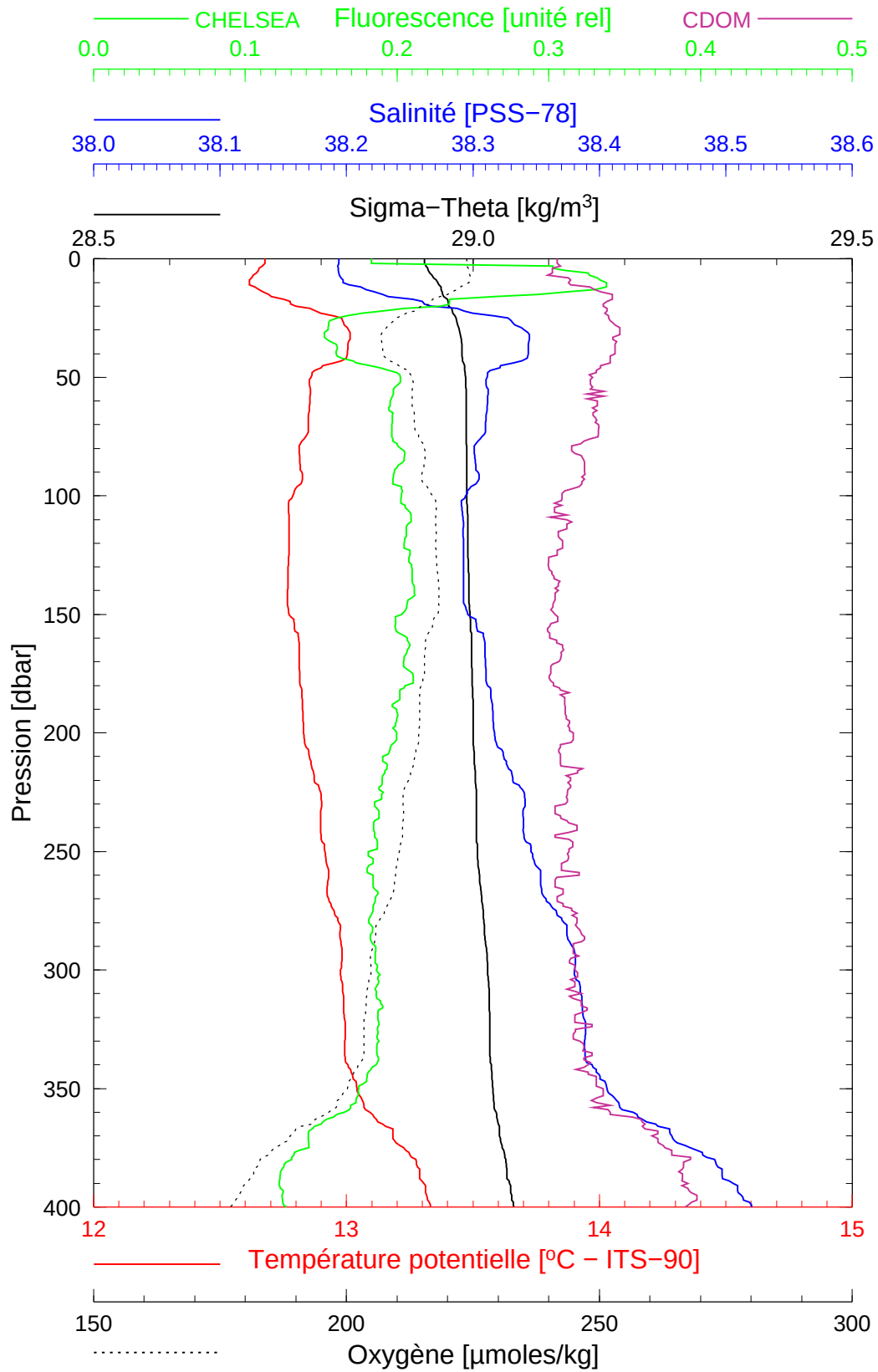
Latitude $43^{\circ}33.977$ N
Longitude $07^{\circ}30.979$ E

Boussole 50

28/02/2006

BOUS060228_06

BOUS006



Date 28/02/2006
Heure déb 15h 28min [TU]

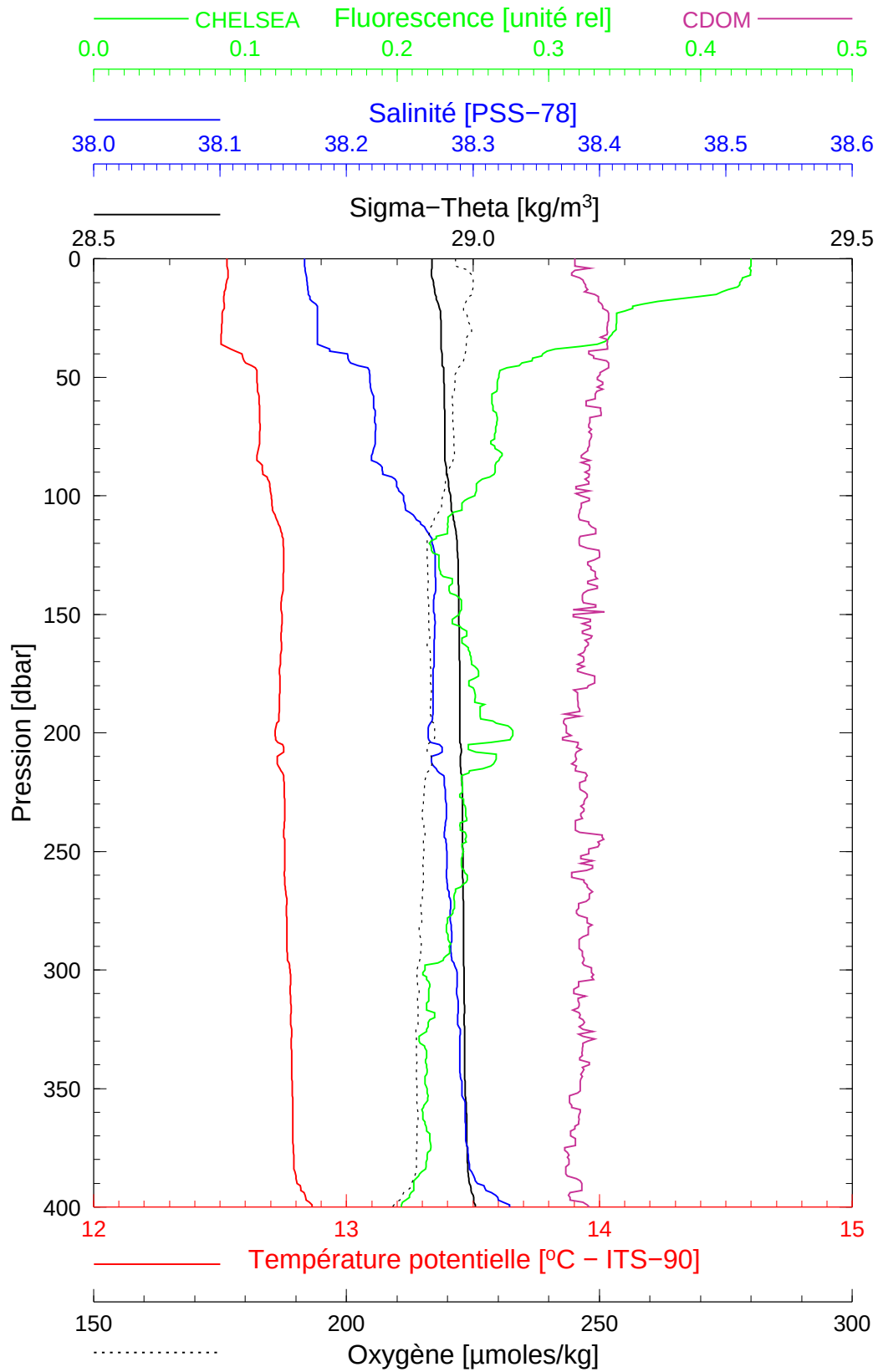
Latitude $43^{\circ}36.332$ N
Longitude $07^{\circ}24.780$ E

Boussole 50

28/02/2006

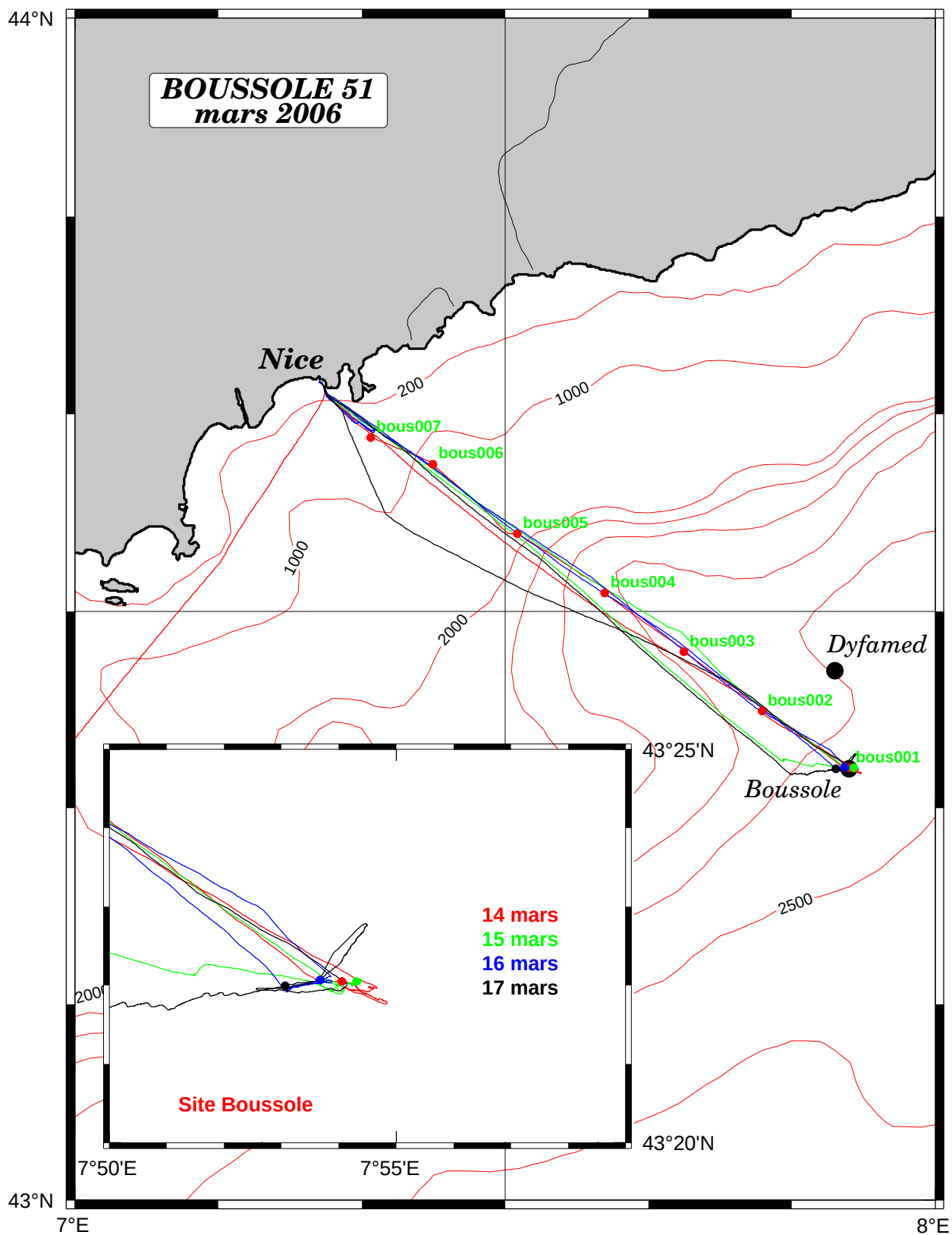
BOUS060228_07

BOUS007



Date 28/02/2006
Heure déb 16h 24min [TU]

Latitude $43^{\circ}38.878\text{ N}$
Longitude $07^{\circ}20.678\text{ E}$



ASCII file: C:\boussole\mars2006\ctd\raw\calib.com

Configuration report for SBE 911/917 plus CTD

Frequency channels suppressed : 2
Voltage words suppressed : 0
Computer interface : RS-232C
Scans to average : 1
Surface PAR voltage added : Yes
NMEA position data added : No
Scan time added : No

1) Frequency 0, **Temperature**

Serial number : **1378**
Calibrated on : 11-Jan-06
G : 4.87144266e-003
H : 6.79438735e-004
I : 2.72042898e-005
J : 2.17814067e-006
F0 : 1000.000
Slope : 1.00000000
Offset : 0.0000

2) Frequency 1, **Conductivity**

Serial number : **2929**
Calibrated on : 10-Jan-06
G : -1.06099003e+001
H : 1.42248392e+000
I : 2.00064186e-005
J : 6.17534200e-005
CTcor : 3.2500e-006
CPcor : -9.57000000e-008
Slope : 1.00000000
Offset : 0.00000

3) Frequency 2, **Pressure, Digiquartz with TC**

Serial number : **53981**
Calibrated on : 11-Jan-95
C1 : -4.499337e+004
C2 : 4.543683e-001
C3 : 1.505020e-002
D1 : 3.936600e-002
D2 : 0.000000e+000
T1 : 3.004660e+001
T2 : -1.897714e-004
T3 : 4.727060e-006
T4 : 1.923520e-009
T5 : 0.000000e+000
Slope : 0.99985000
Offset : 0.11430
AD590M : 1.138000e-002
AD590B : -8.189160e+000

4) A/D voltage 0, **Oxygen, SBE 43**

Serial number : **0587**
Calibrated on : 10-Jan-04
Soc : 3.5840e-001
Boc : 0.0000
Offset : -0.4782
Tcor : 0.0012
Pcor : 1.35e-004
Tau : 0.0

5) A/D voltage 1, Free

6) A/D voltage 2, **Fluorometer, Chelsea Aqua 3**

Serial number : **088193**
Calibrated on : 27-oct-97
VB : 0.165000
V1 : 1.933000
Vacetone : 0.250000
Scale factor : 1.000000
Slope : 1.000000
Offset : 0.000000

7) A/D voltage 3, Free

8) A/D voltage 4, **Fluorometer, Wetlab CDOM**

Serial number : **1095P**
Calibrated on : 05-Dec-05
Vblank : 0.057
Scale factor : 66.500

9) A/D voltage 5, Free

10) A/D voltage 6, **Transmissometer, Wetlab CStar**

Serial number : **887DR**
Calibrated on : 13-Feb-06
M : 21.4500
B : -1.2870
Path length : 0.250

11) A/D voltage 7, Free

12) SPAR voltage, Unavailable

13) SPAR voltage, **SPAR/Surface Irradiance**

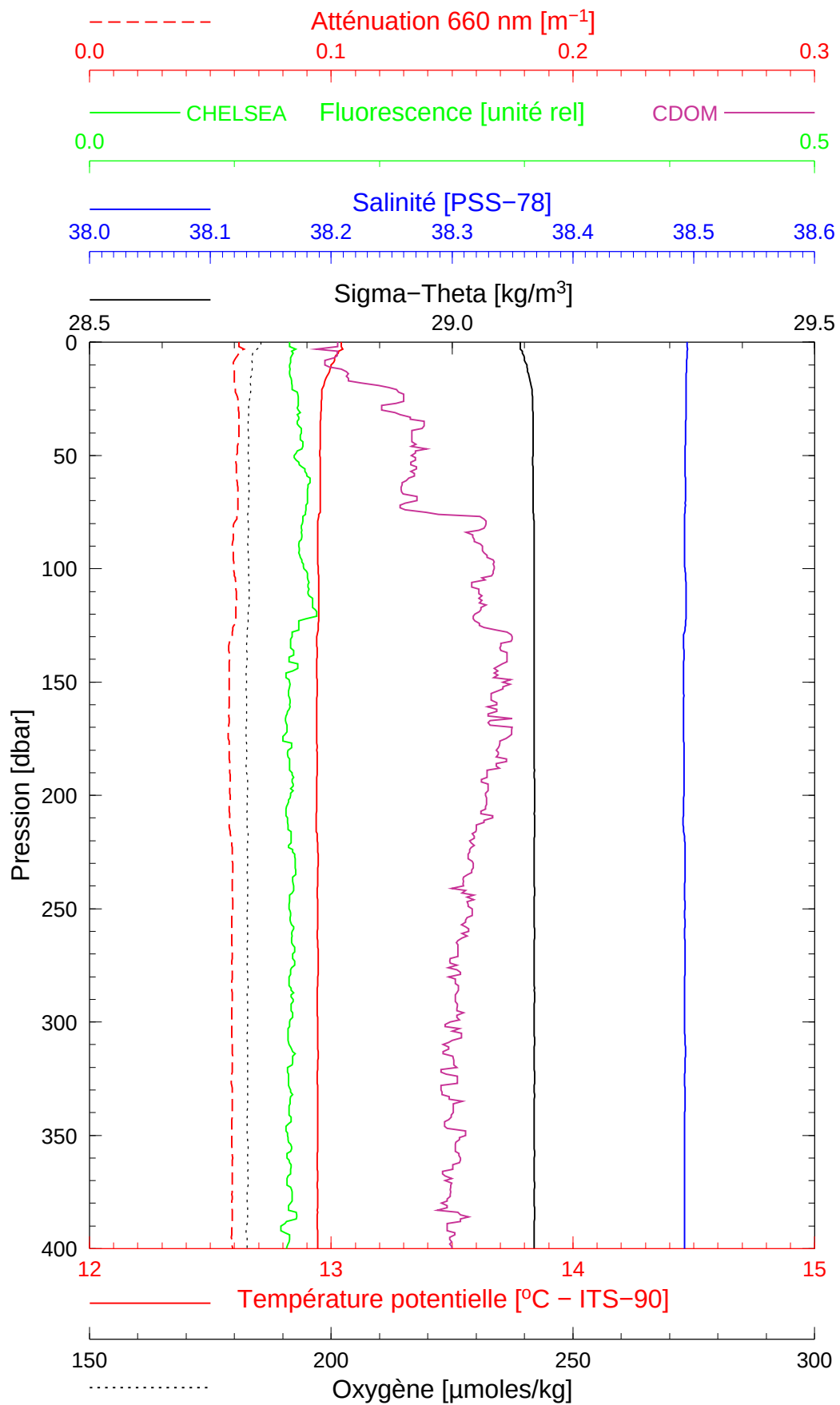
Serial number : 6326
Calibrated on : 24-fev-95
Conversion factor : 753.25000000
Ratio multiplier : 1.00000000

Boussole 51

14/03/2006

BOUS060314_01

BOUS001



Date 14/03/2006
Heure déb 12h 08min [TU]

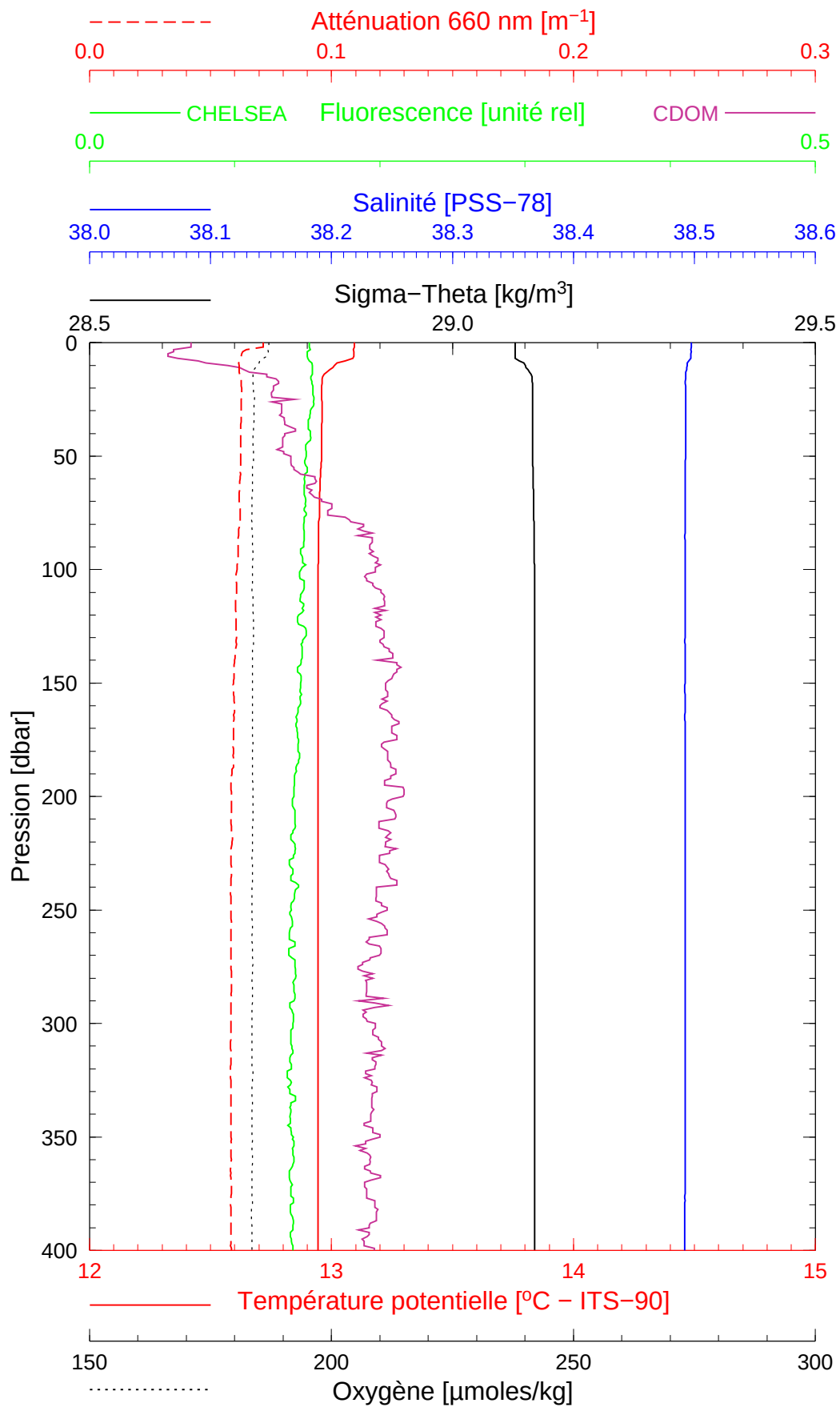
Latitude $43^{\circ}22.053$ N
Longitude $07^{\circ}54.058$ E

Boussole 51

14/03/2006

BOUS060314_02

BOUS002



Date 14/03/2006
Heure déb 16h 14min [TU]

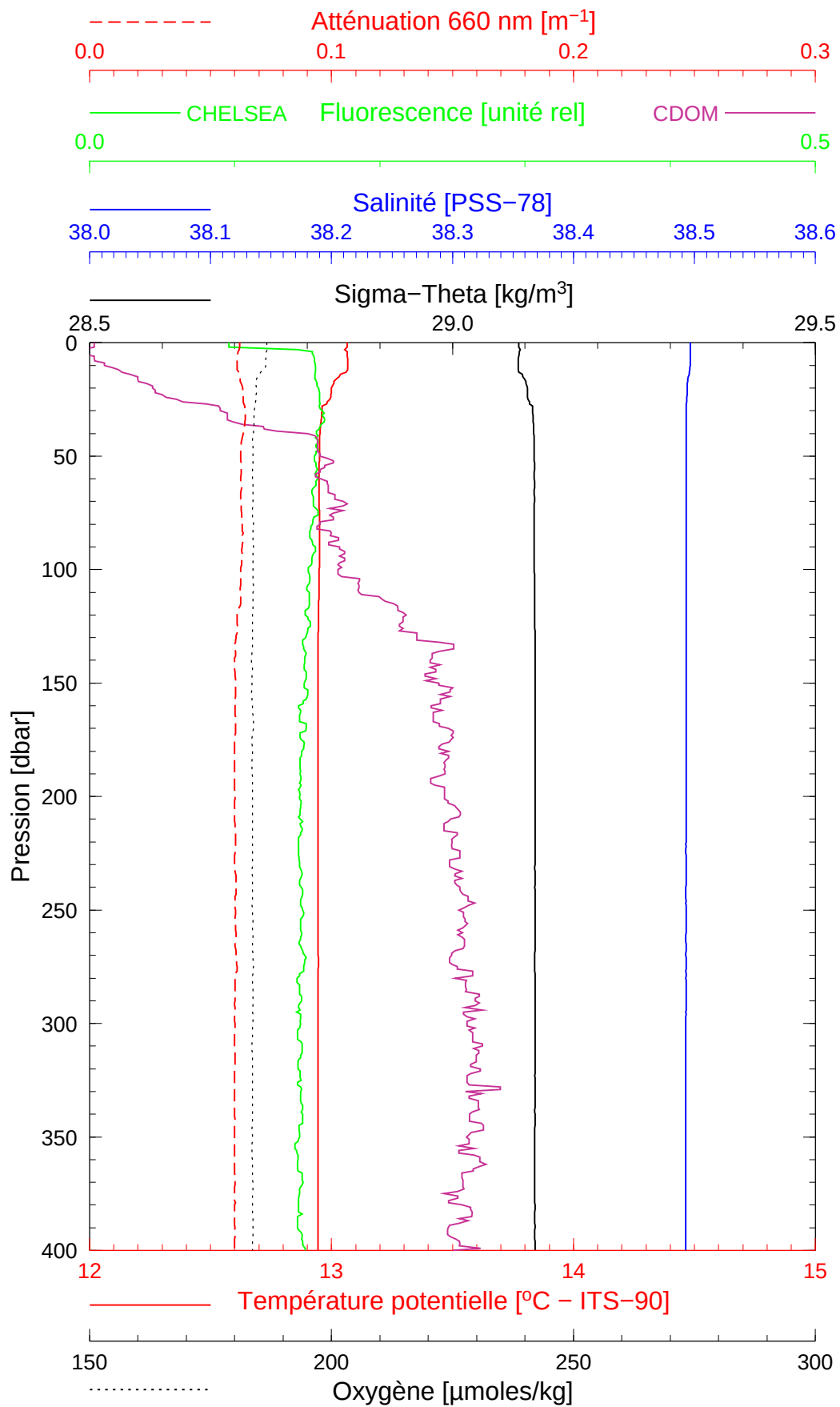
Latitude $43^{\circ}24.941\text{ N}$
Longitude $07^{\circ}47.921\text{ E}$

Boussole 51

14/03/2006

BOUS060314_03

BOUS003



Date 14/03/2006
Heure déb 17h 14min [TU]

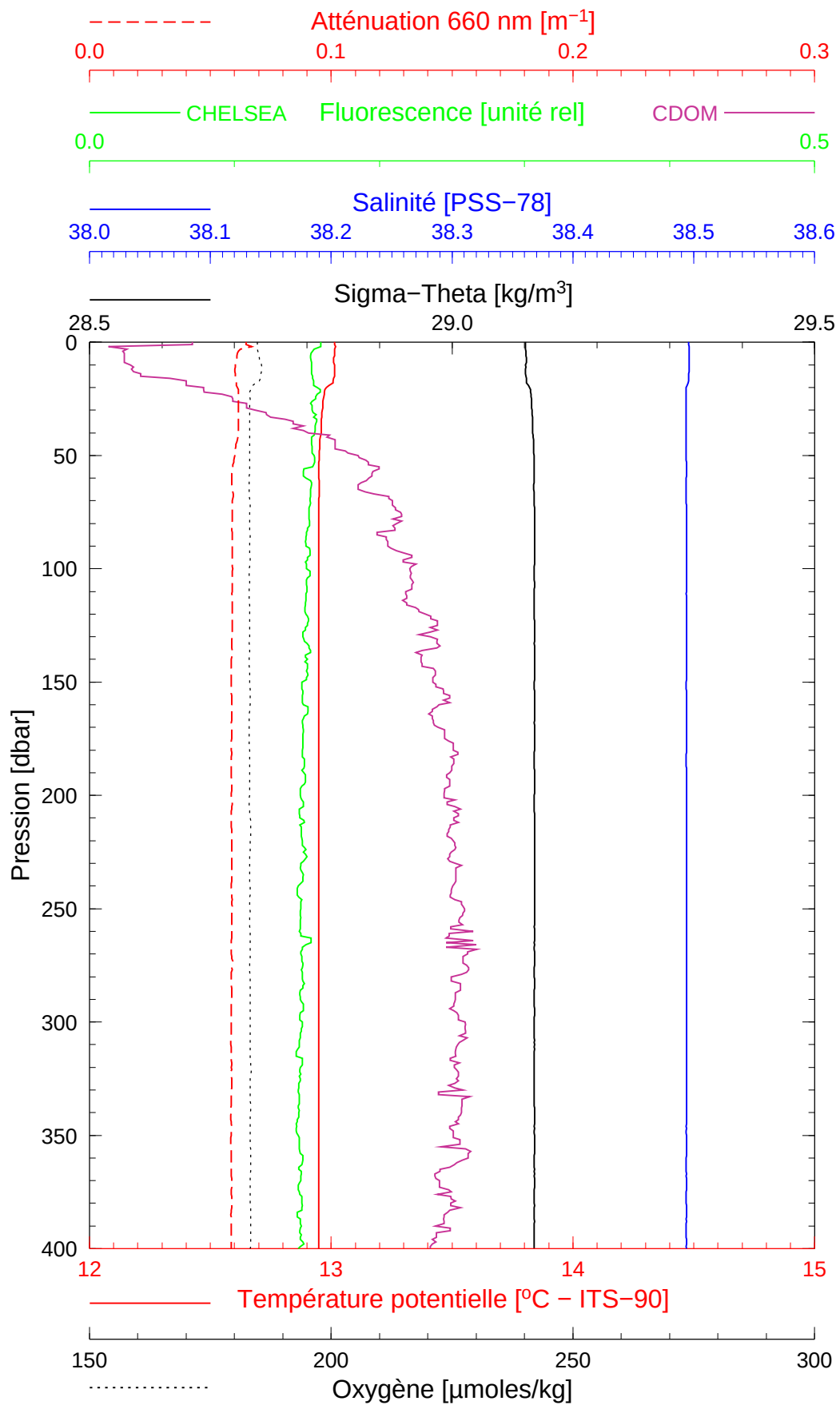
Latitude $43^{\circ}27.958\text{ N}$
Longitude $07^{\circ}42.480\text{ E}$

Boussole 51

14/03/2006

BOUS060314_04

BOUS004



Date 14/03/2006
Heure déb 18h 13min [TU]

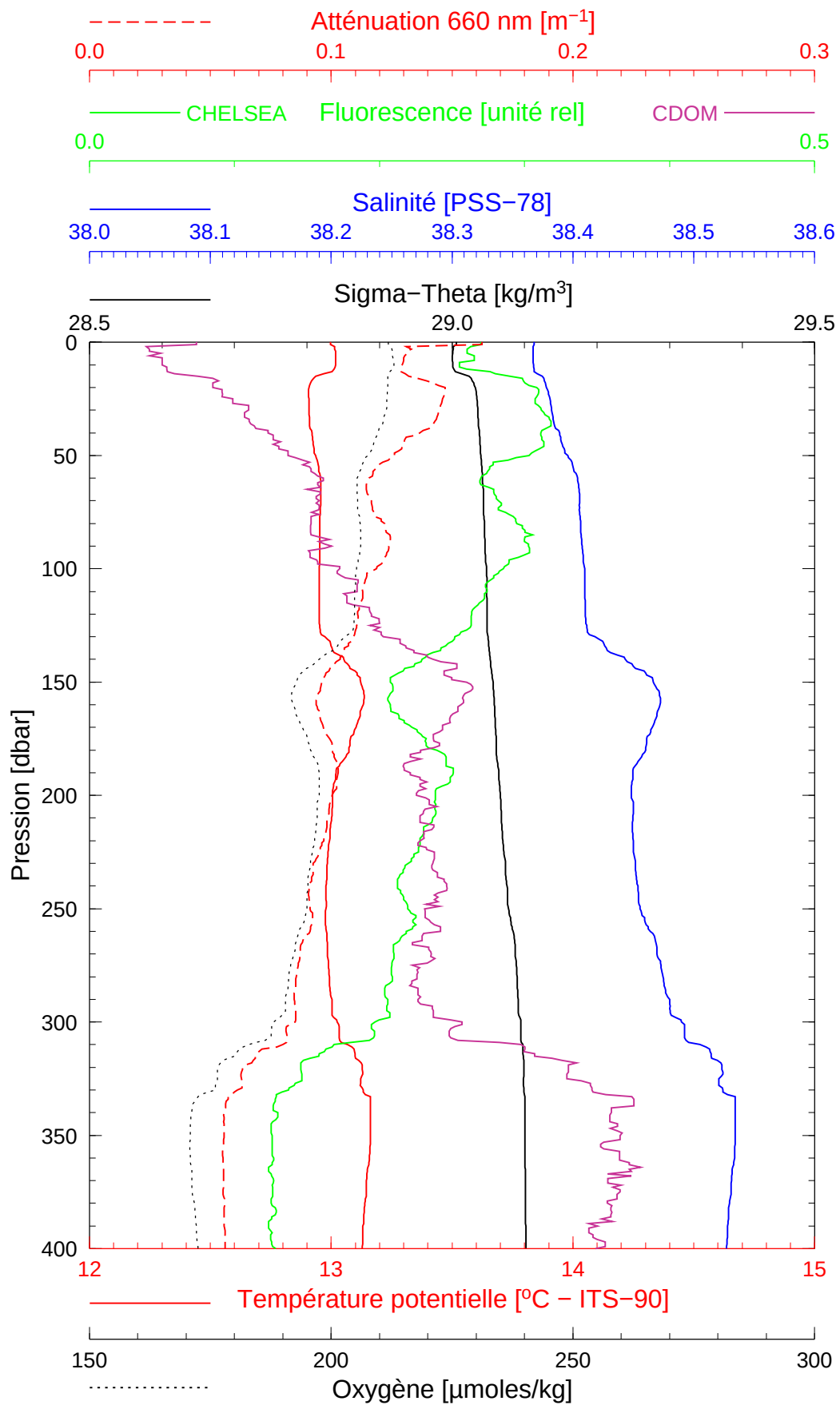
Latitude 43°30.941 N
Longitude 07°36.935 E

Boussole 51

14/03/2006

BOUS060314_05

BOUS005



Date 14/03/2006
Heure déb 19h 15min [TU]

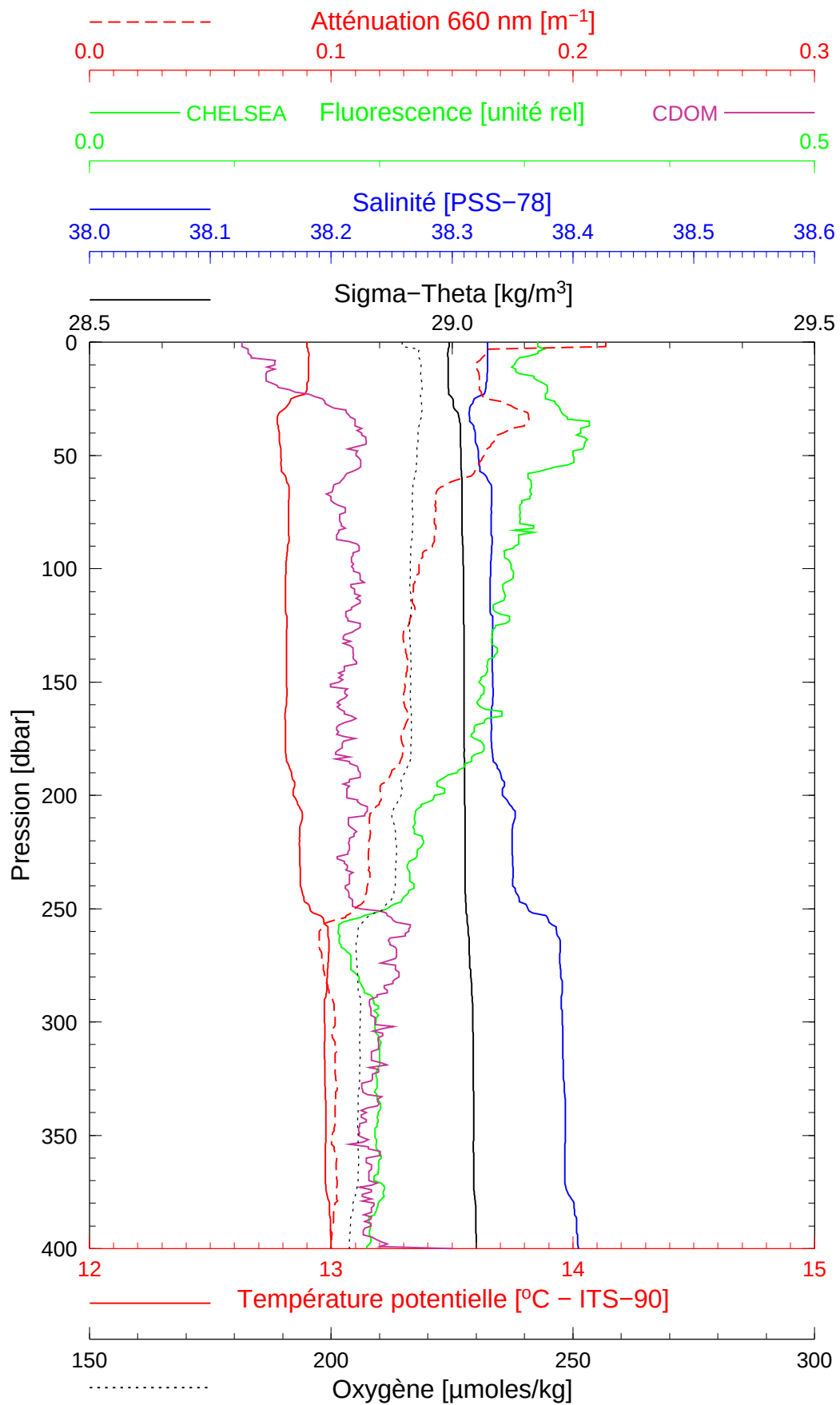
Latitude $43^{\circ}33.938\text{ N}$
Longitude $07^{\circ}30.837\text{ E}$

Boussole 51

14/03/2006

BOUS060314_06

BOUS006



Date 14/03/2006
Heure déb 20h 14min [TU]

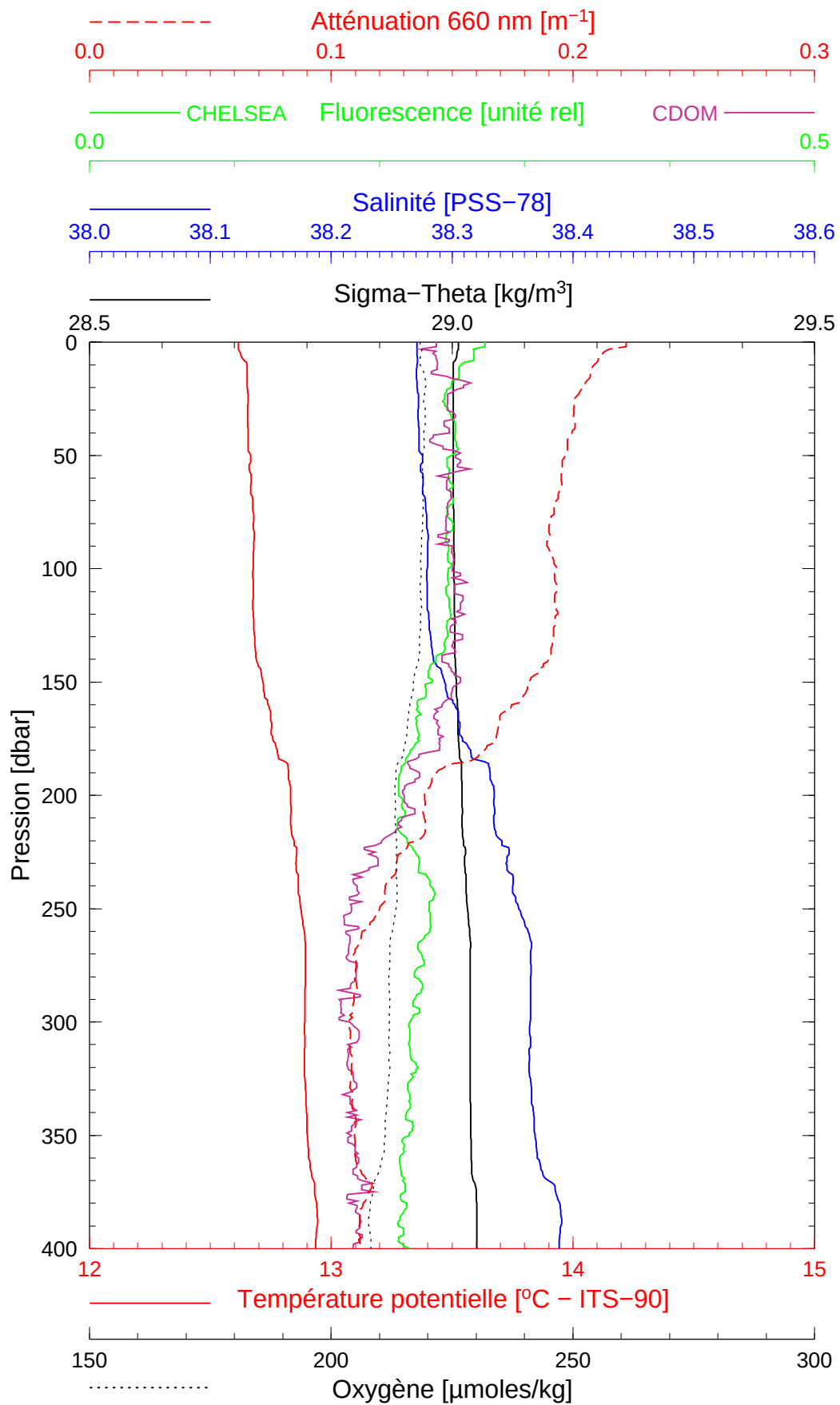
Latitude $43^{\circ}37.478$ N
Longitude $07^{\circ}24.956$ E

Boussole 51

14/03/2006

BOUS060314_07

BOUS007



Date 14/03/2006
Heure déb 21h 05min [TU]

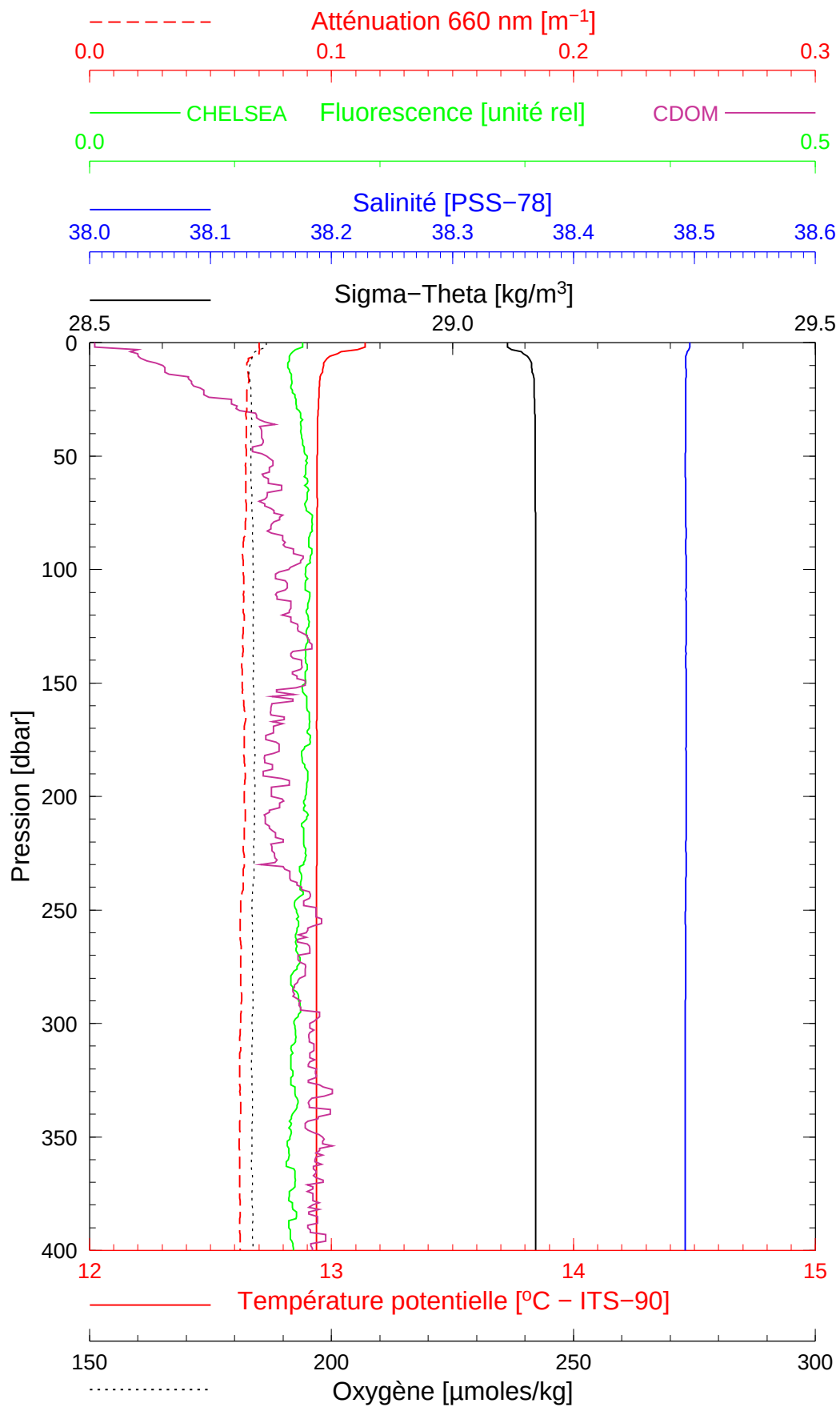
Latitude $43^{\circ}38.819\text{ N}$
Longitude $07^{\circ}20.624\text{ E}$

Boussole 51

15/03/2006

BOUS060315_01

BOUS008



Date 15/03/2006
Heure déb 11h 13min [TU]

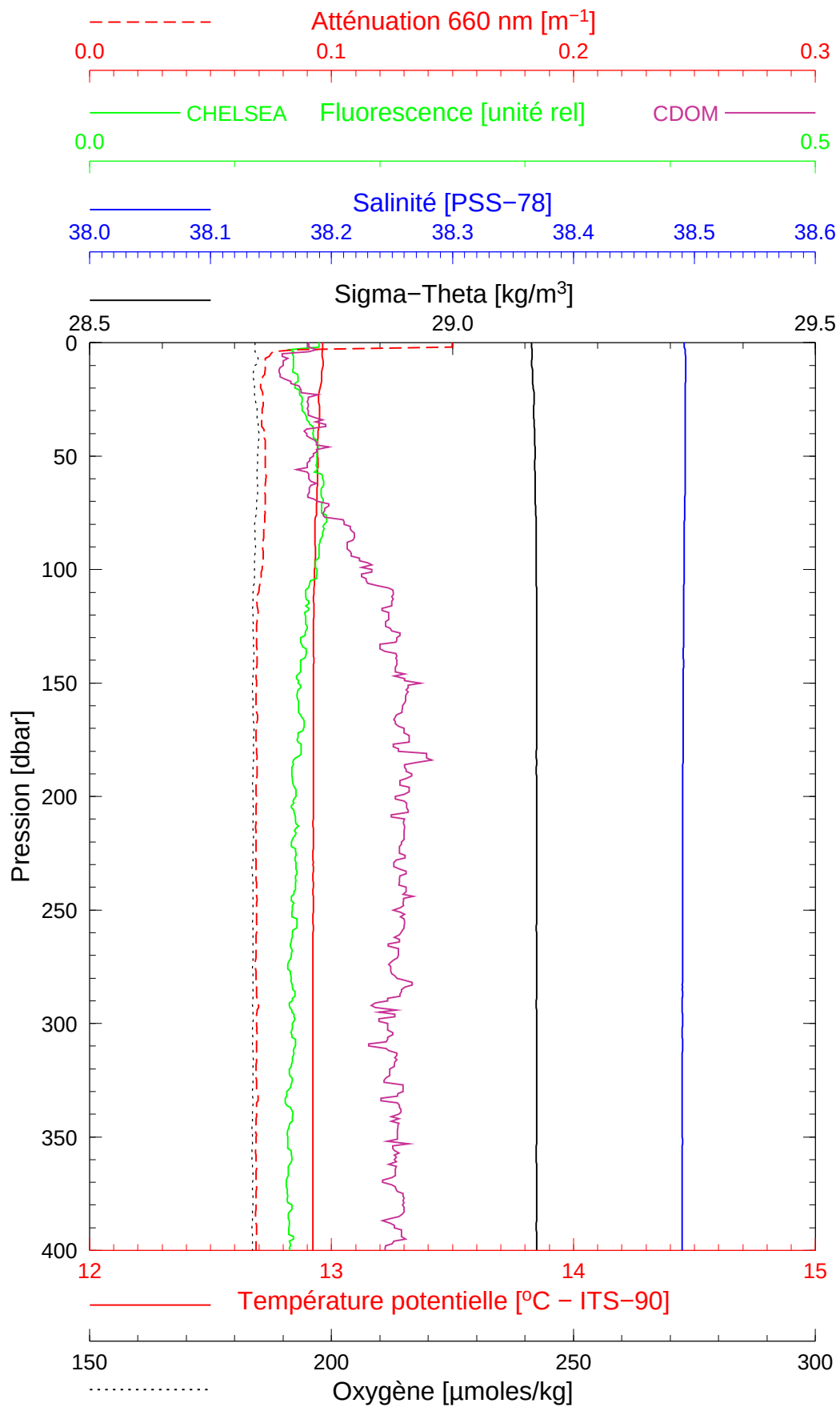
Latitude $43^{\circ}22.053$ N
Longitude $07^{\circ}54.313$ E

Boussole 51

16/03/2006

BOUS060316_01

BOUS009



Date 16/03/2006
Heure déb 12h 51min [TU]

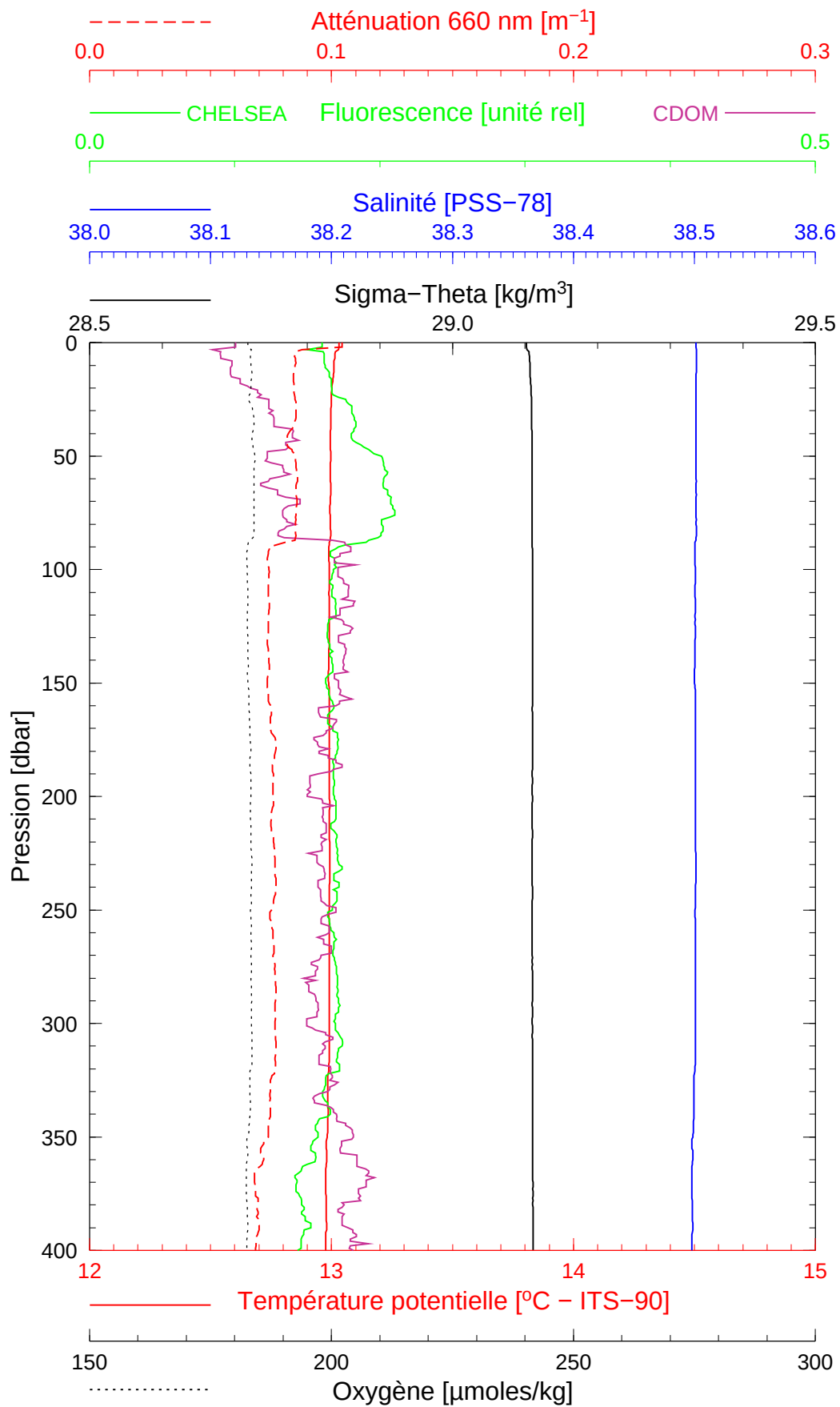
Latitude 43°22.072 N
Longitude 07°53.676 E

Boussole 51

17/03/2006

BOUS060317_01

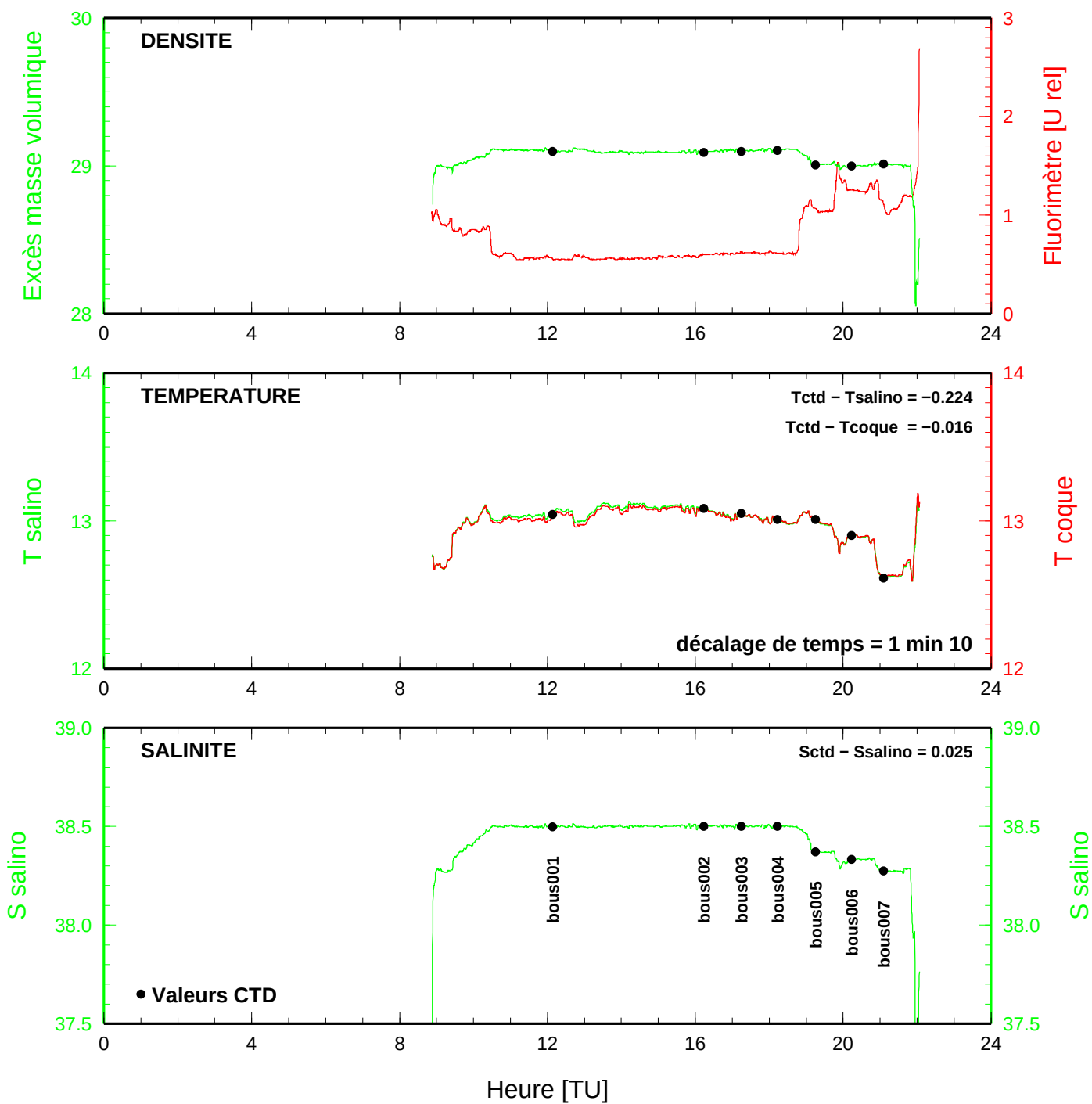
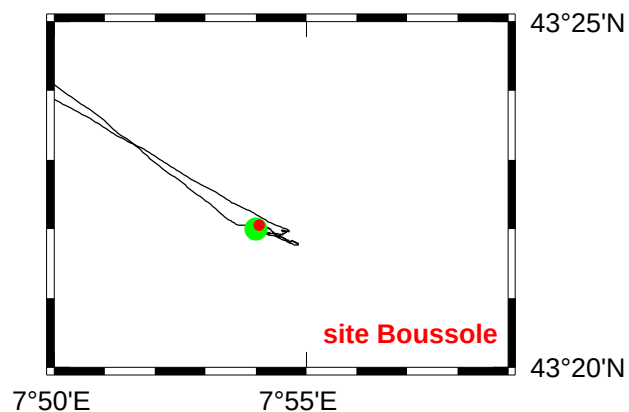
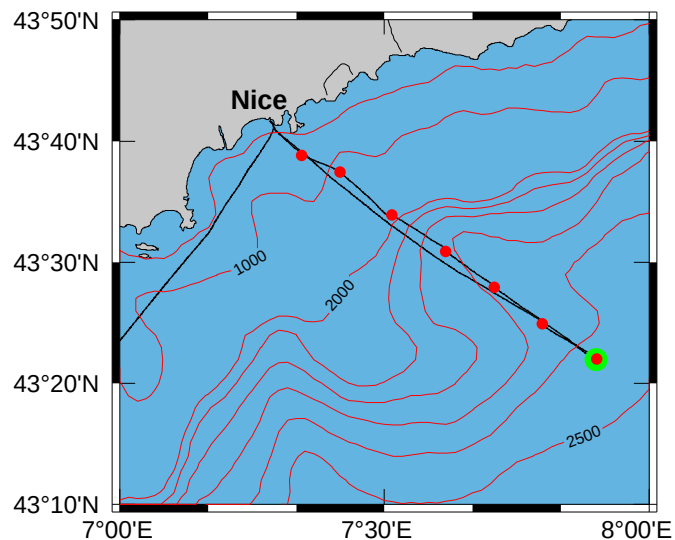
BOUS010



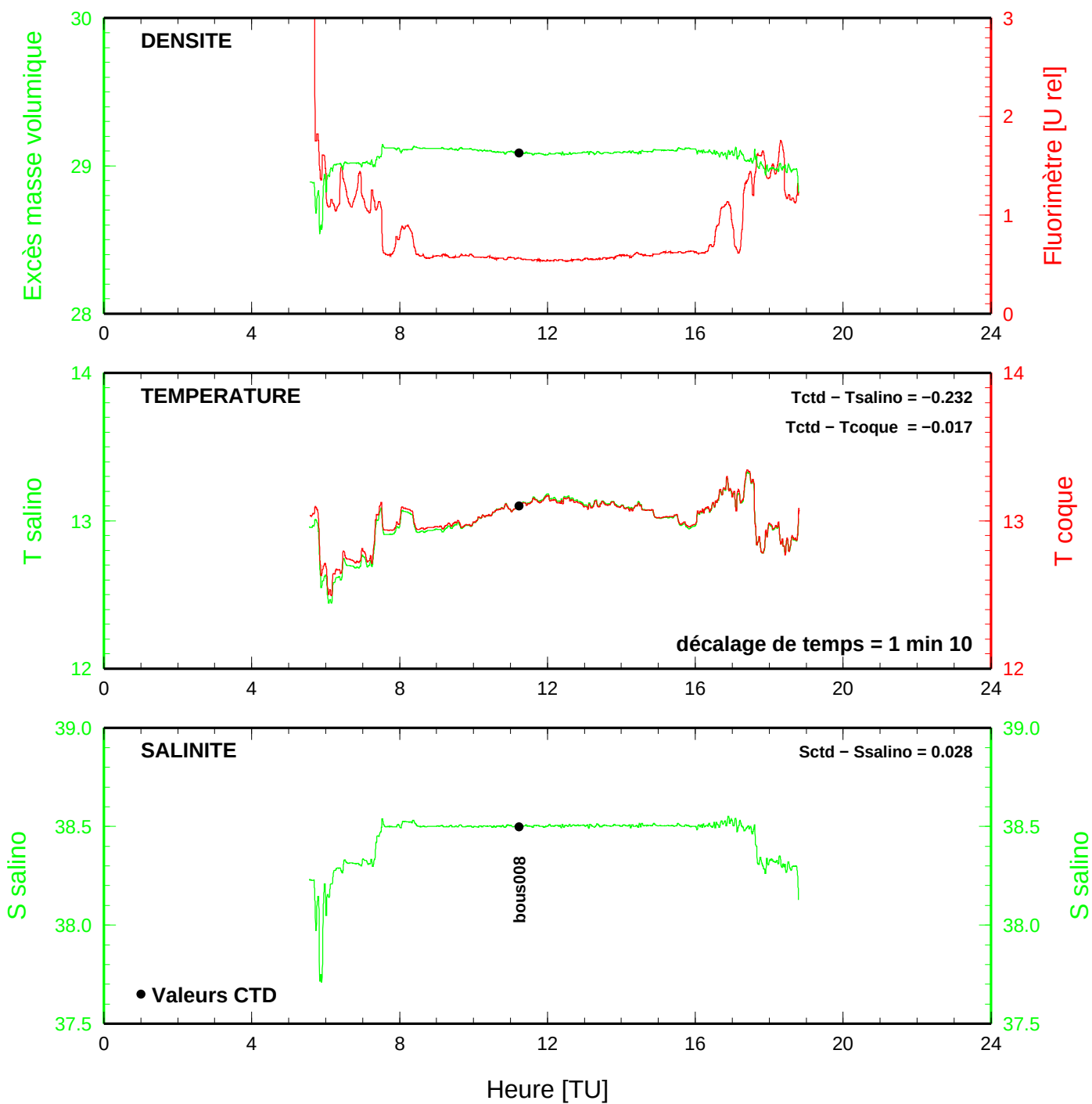
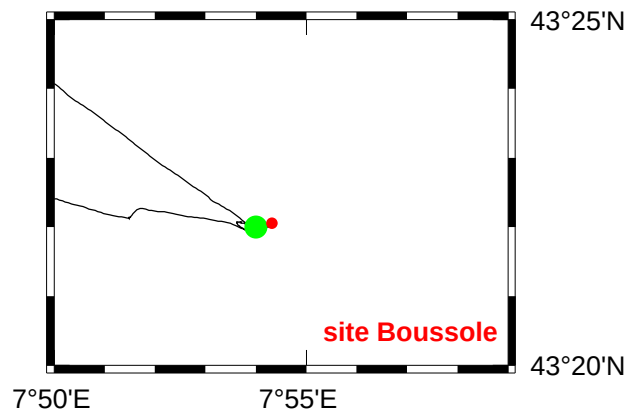
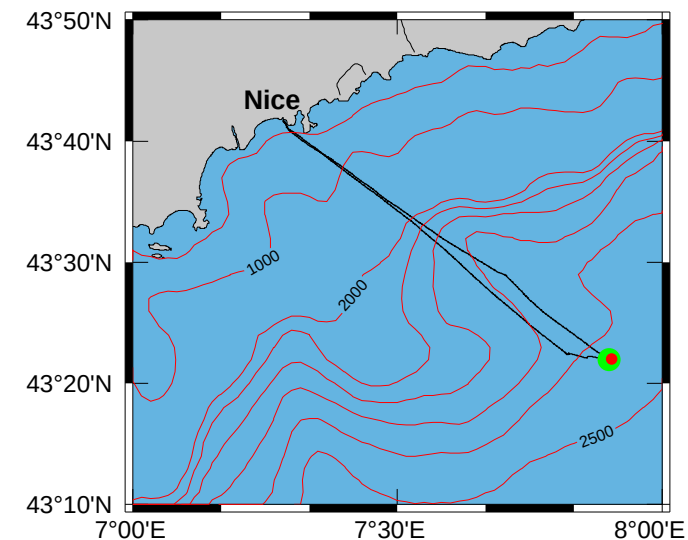
Date 17/03/2006
Heure déb 12h 04min [TU]

Latitude $43^{\circ}21.998\text{ N}$
Longitude $07^{\circ}53.069\text{ E}$

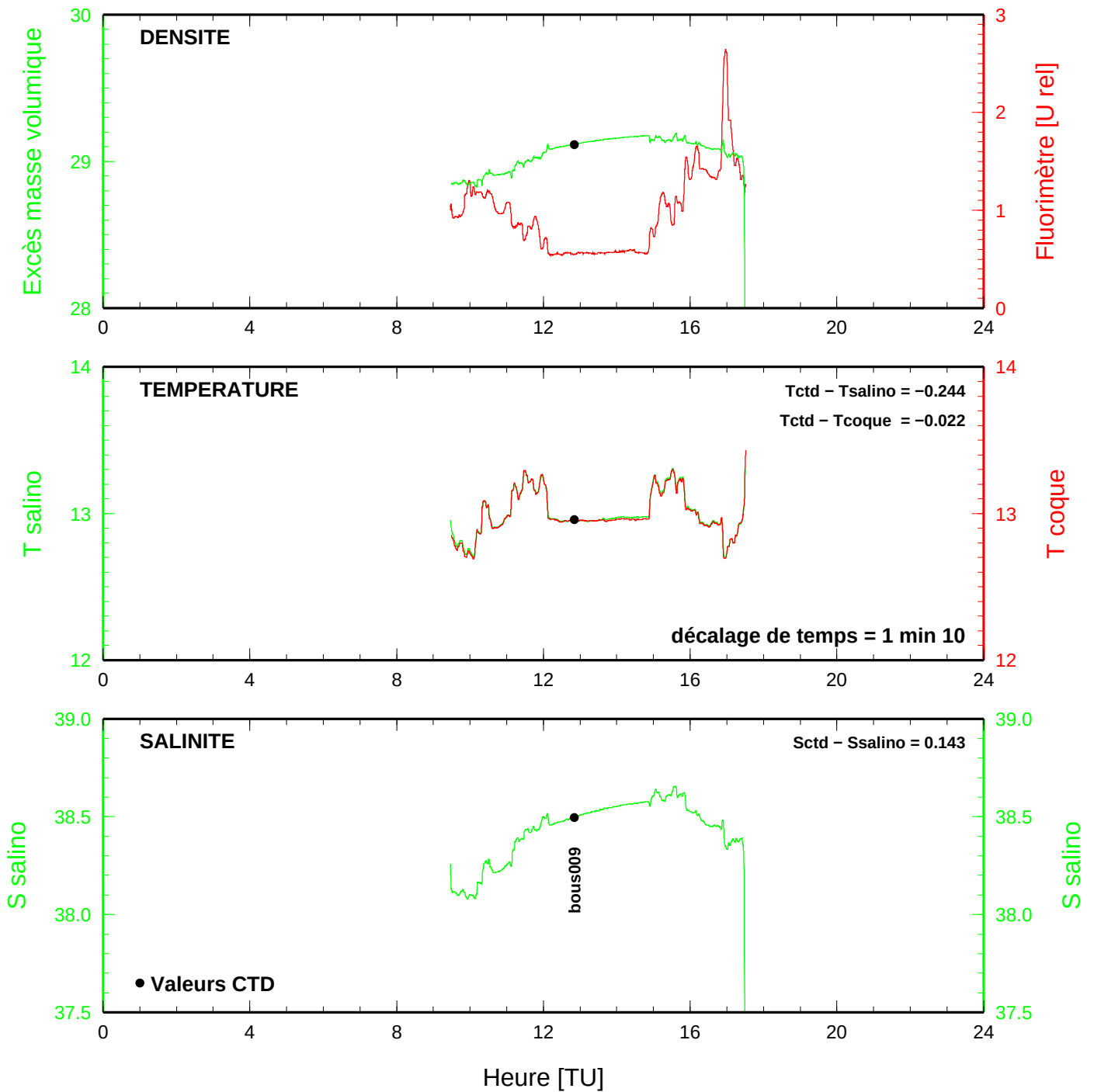
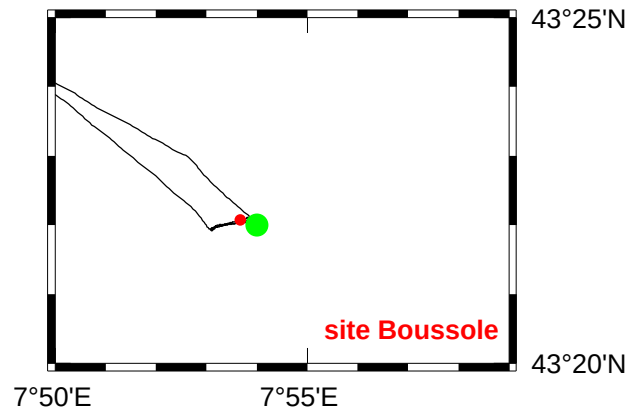
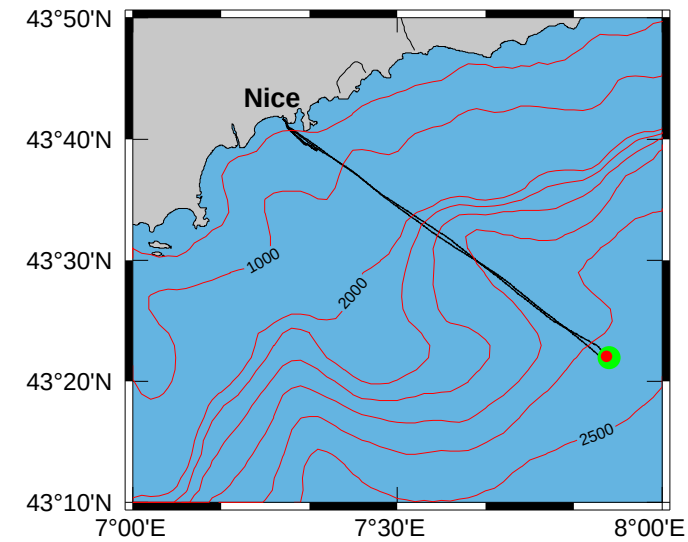
BOUSSOLE 14 mars 2006



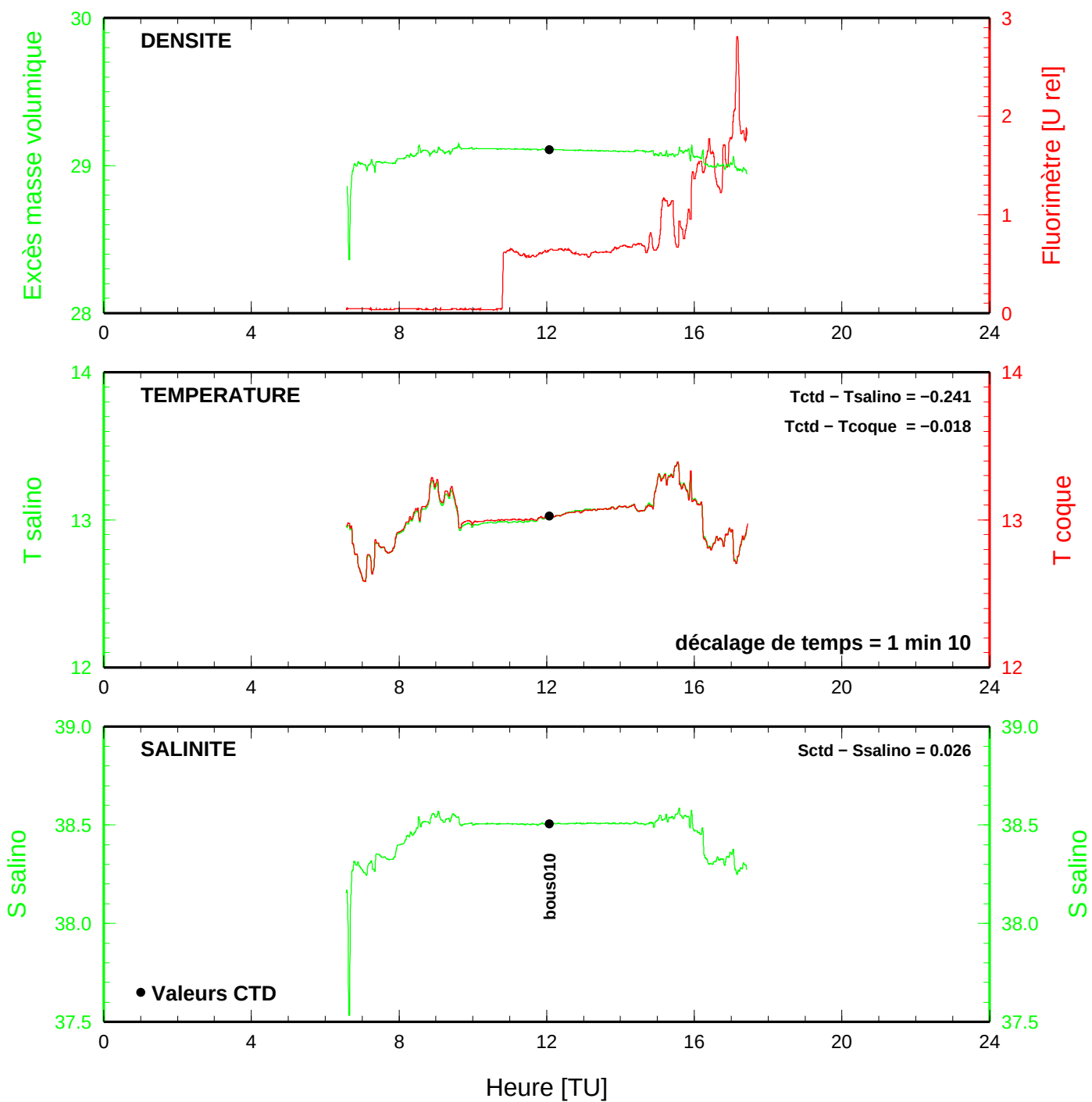
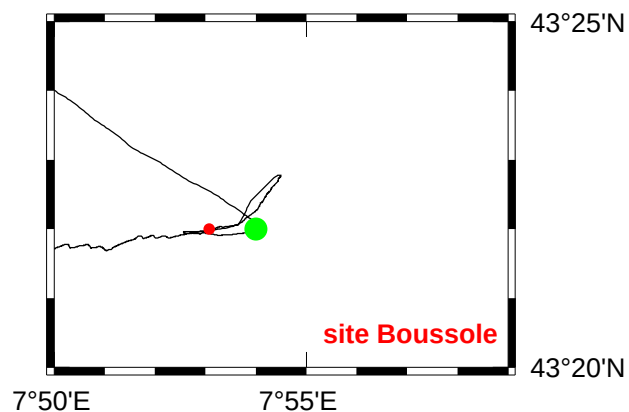
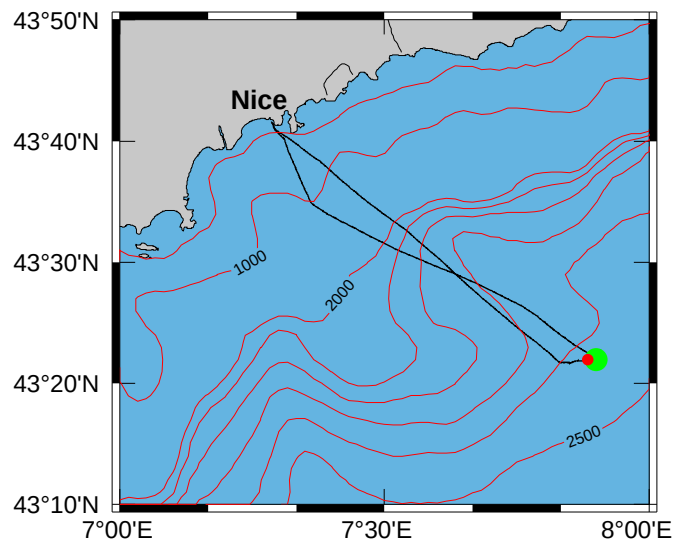
BOUSSOLE 15 mars 2006

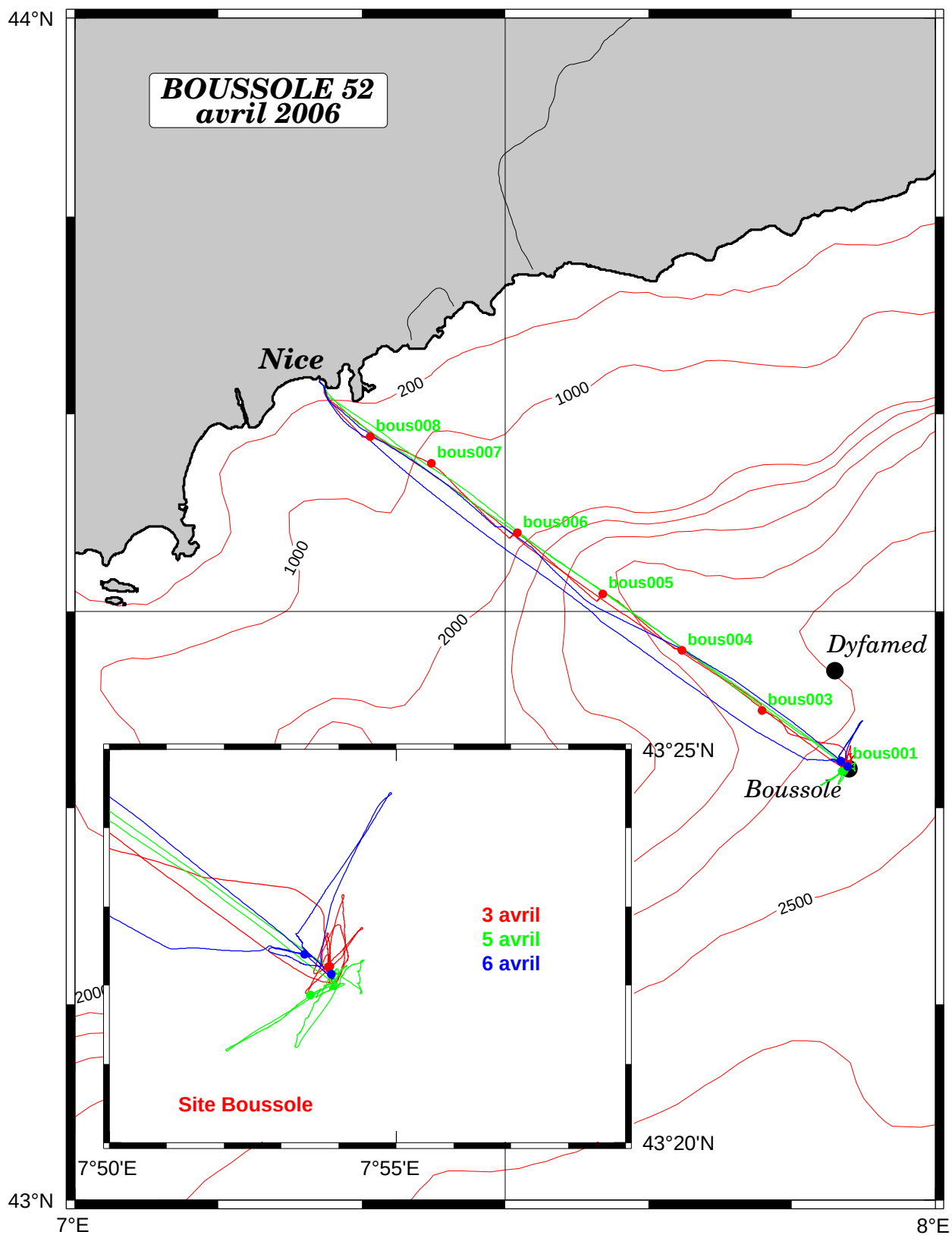


BOUSSOLE 16 mars 2006



BOUSSOLE 17 mars 2006





ASCII file: C:\boussole\avril2006\ctd\raw\calib.con

Configuration report for SBE 911/917 plus CTD

Frequency channels suppressed : 2
Voltage words suppressed : 0
Computer interface : RS-232C
Scans to average : 1
Surface PAR voltage added : Yes
NMEA position data added : No
Scan time added : No

1) Frequency 0, **Temperature**

Serial number : **1378**
Calibrated on : 11-Jan-06
G : 4.87144266e-003
H : 6.79438735e-004
I : 2.72042898e-005
J : 2.17814067e-006
F0 : 1000.000
Slope : 1.00000000
Offset : 0.0000

2) Frequency 1, **Conductivity**

Serial number : **2929**
Calibrated on : 10-Jan-06
G : -1.06099003e+001
H : 1.42248392e+000
I : 2.00064186e-005
J : 6.17534200e-005
CTcor : 3.2500e-006
CPcor : -9.57000000e-008
Slope : 1.00000000
Offset : 0.00000

3) Frequency 2, **Pressure, Digiquartz with TC**

Serial number : **53981**
Calibrated on : 11-Jan-95
C1 : -4.499337e+004
C2 : 4.543683e-001
C3 : 1.505020e-002
D1 : 3.936600e-002
D2 : 0.000000e+000
T1 : 3.004660e+001
T2 : -1.897714e-004
T3 : 4.727060e-006
T4 : 1.923520e-009
T5 : 0.000000e+000
Slope : 0.99985000
Offset : 0.11430
AD590M : 1.138000e-002
AD590B : -8.189160e+000

4) A/D voltage 0, **Oxygen, SBE 43**

Serial number : **0587**
Calibrated on : 10-Jan-04
Soc : 3.5840e-001
Boc : 0.0000
Offset : -0.4782
Tcor : 0.0012
Pcor : 1.35e-004
Tau : 0.0

5) A/D voltage 1, Free

6) A/D voltage 2, **Fluorometer, Chelsea Aqua 3**

Serial number : **088193**
Calibrated on : 27-oct-97
VB : 0.165000
V1 : 1.933000
Vacetone : 0.250000
Scale factor : 1.000000
Slope : 1.000000
Offset : 0.000000

7) A/D voltage 3, Free

8) A/D voltage 4, **Fluorometer, Wetlab CDOM**

Serial number : **1095P**
Calibrated on : 05-Dec-05
Vblank : 0.057
Scale factor : 66.500

9) A/D voltage 5, Free

10) A/D voltage 6, **Transmissometer, Wetlab CStar**

Serial number : **887DR**
Calibrated on : 13-Feb-06
M : 21.4500
B : -1.2870
Path length : 0.250

11) A/D voltage 7, Free

12) SPAR voltage, Unavailable

13) SPAR voltage, **SPAR/Surface Irradiance**

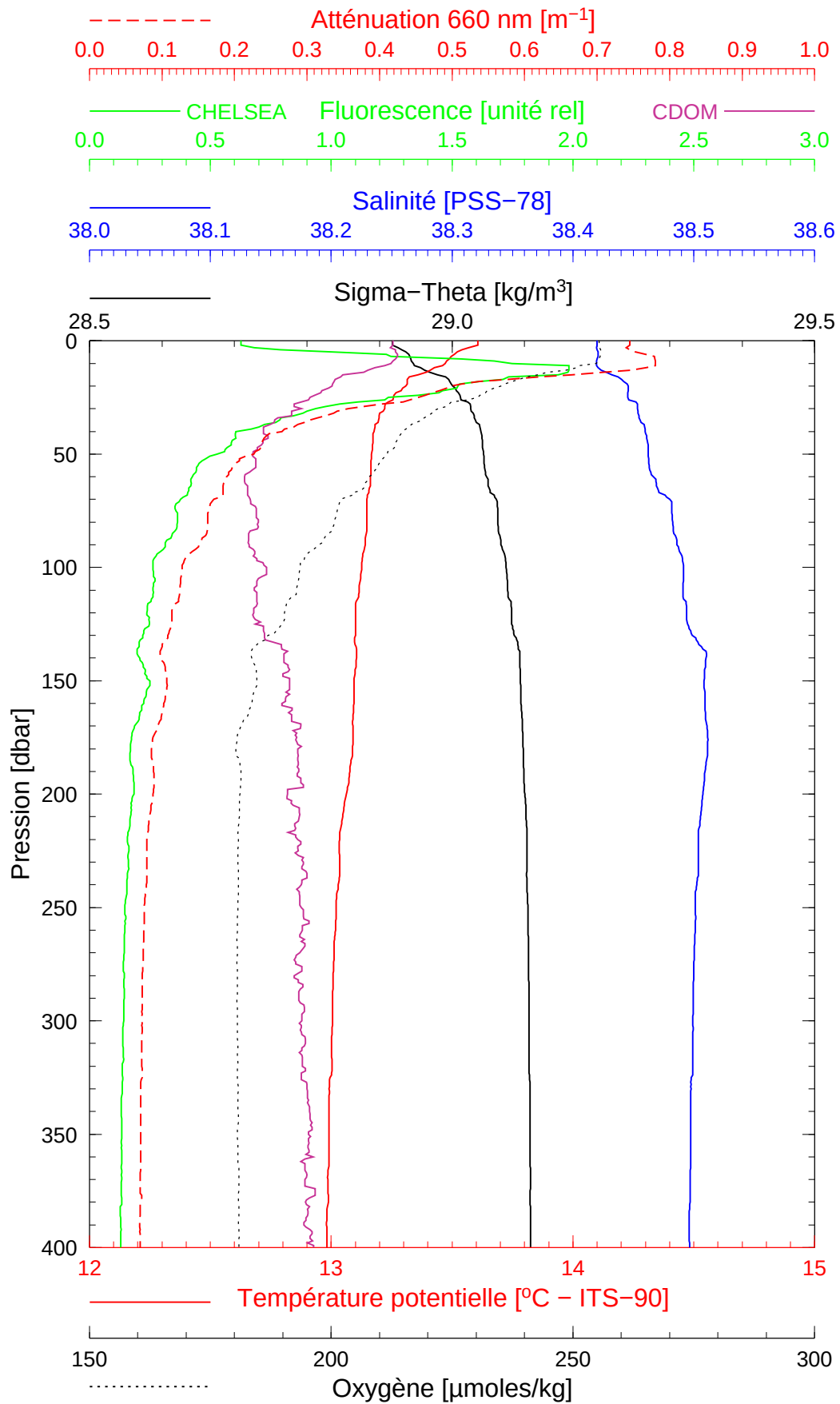
Serial number : **6326**
Calibrated on : 24-fev-95
Conversion factor : 753.25000000
Ratio multiplier : 1.00000000

Boussole 52

03/04/2006

BOUS060403_01

BOUS001



Date 03/04/2006
Heure déb 10h 13min [TU]

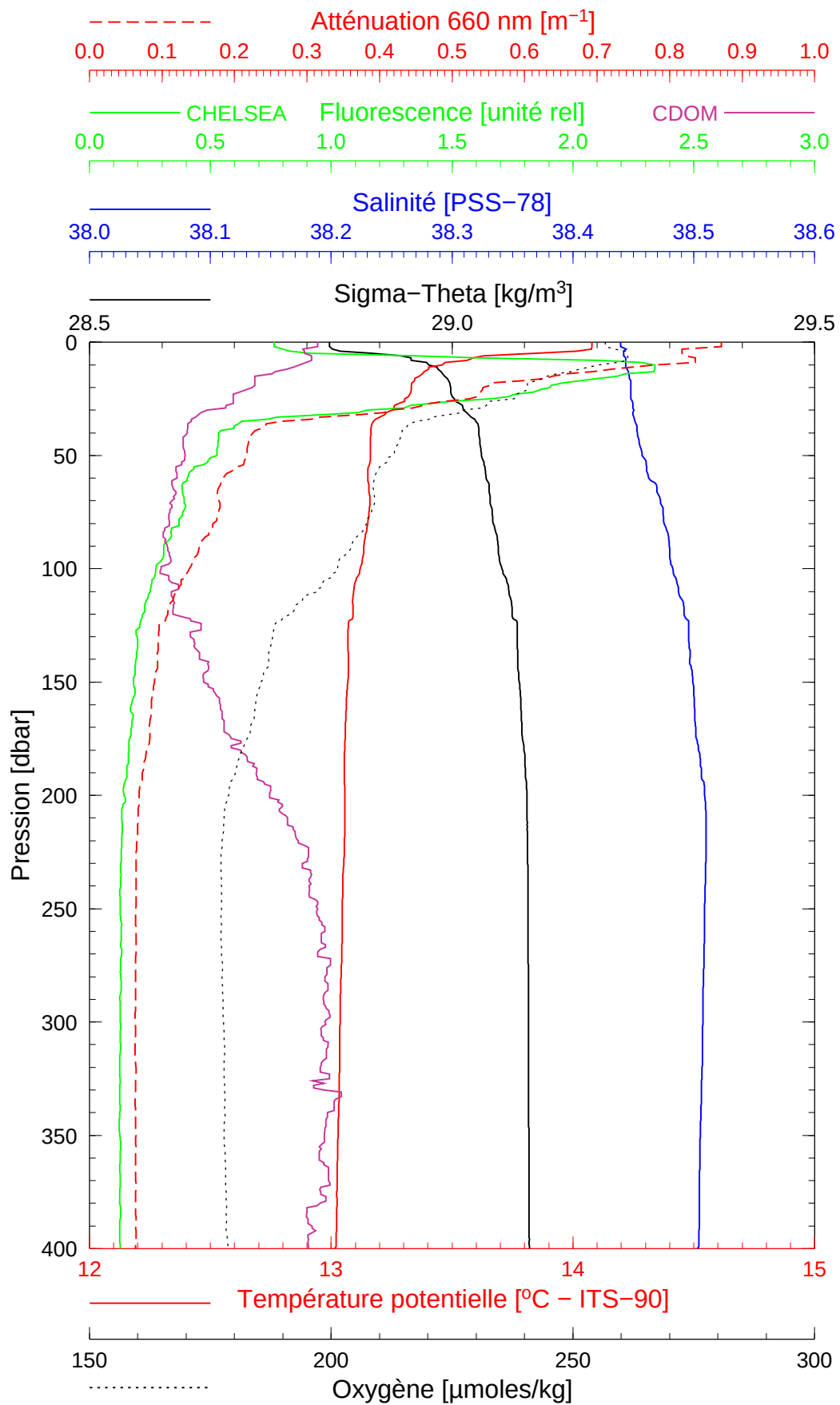
Latitude $43^{\circ}22.240$ N
Longitude $07^{\circ}53.846$ E

Boussole 52

03/04/2006

BOUS060403_02

BOUS002



Date 03/04/2006
Heure déb 14h 13min [TU]

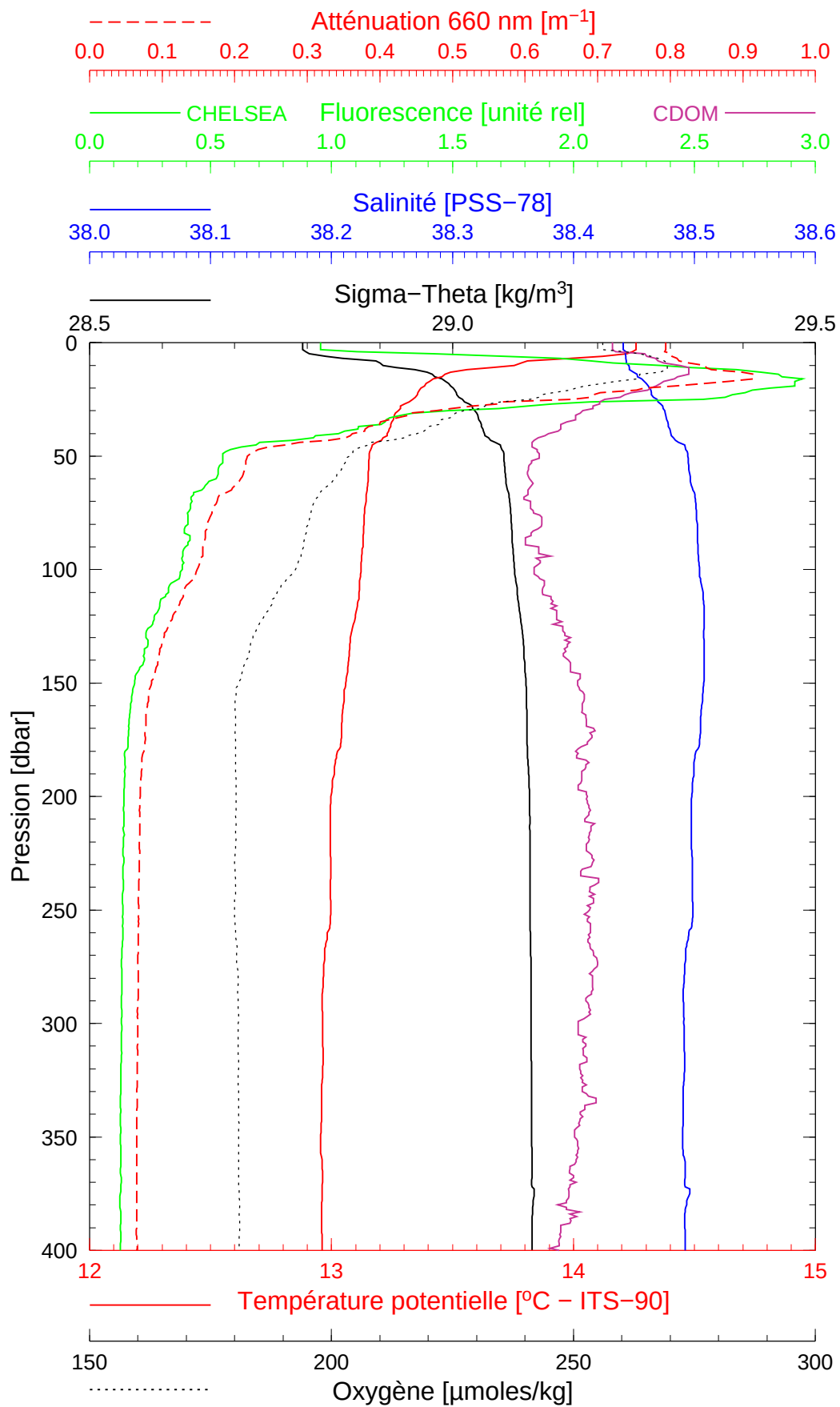
Latitude $43^{\circ}22.237$ N
Longitude $07^{\circ}53.818$ E

Boussole 52

03/04/2006

BOUS060403_03

BOUS003



Date 03/04/2006
Heure déb 15h 24min [TU]

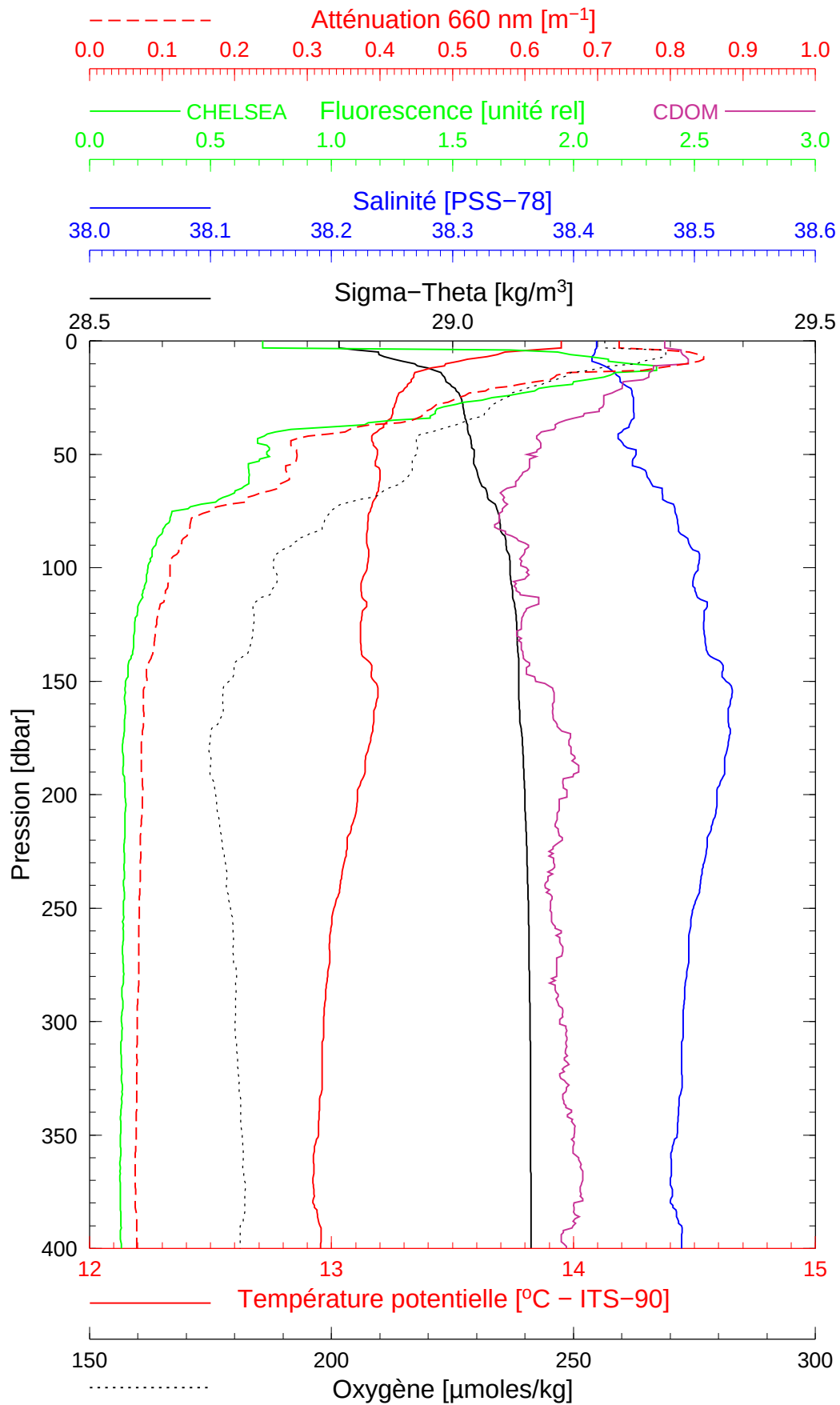
Latitude $43^{\circ}24.982\text{ N}$
Longitude $07^{\circ}47.934\text{ E}$

Boussole 52

03/04/2006

BOUS060403_04

BOUS004



Date 03/04/2006
Heure déb 16h 27min [TU]

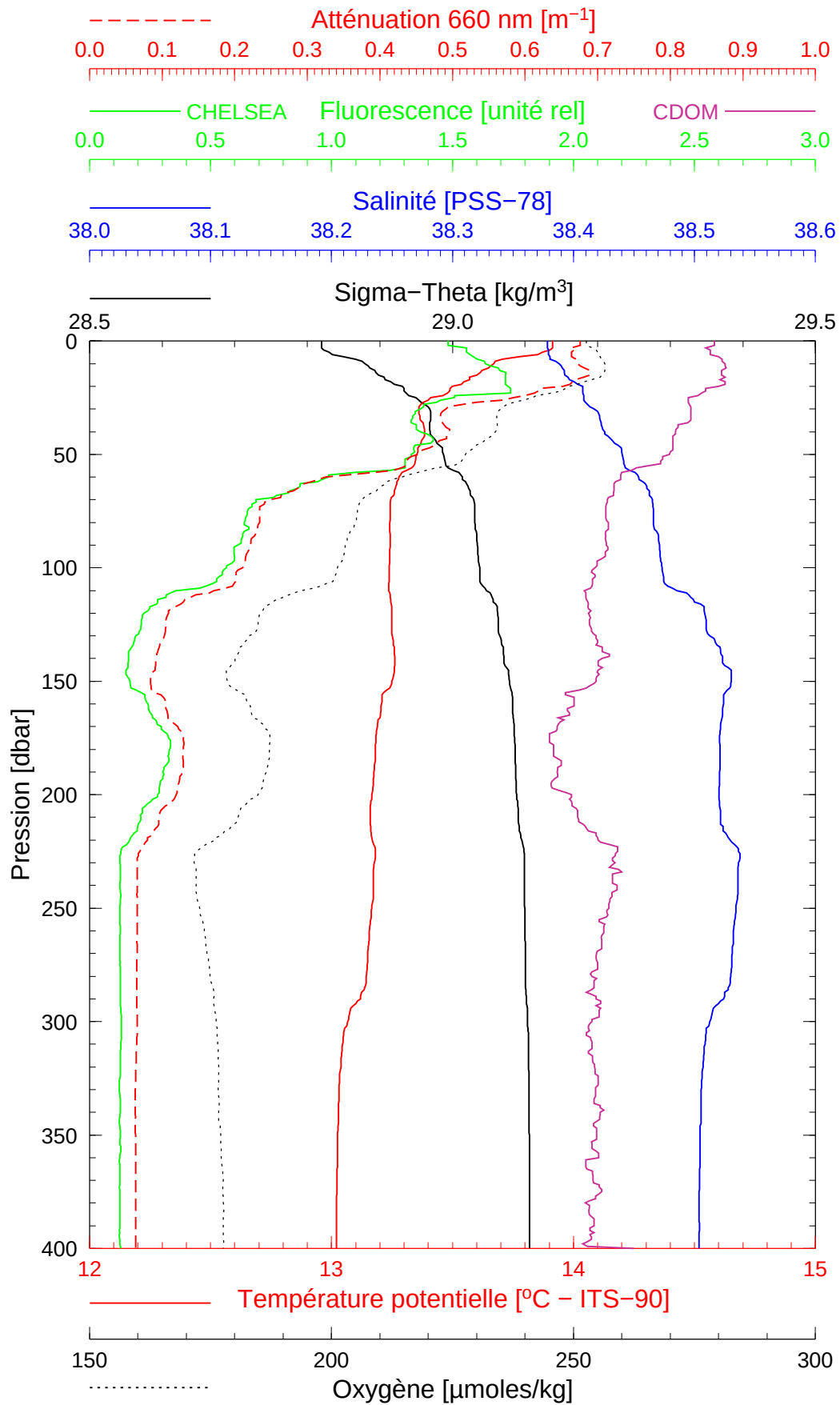
Latitude $43^{\circ}28.040$ N
Longitude $07^{\circ}42.332$ E

Boussole 52

03/04/2006

BOUS060403_05

BOUS005



Date 03/04/2006
Heure déb 17h 27min [TU]

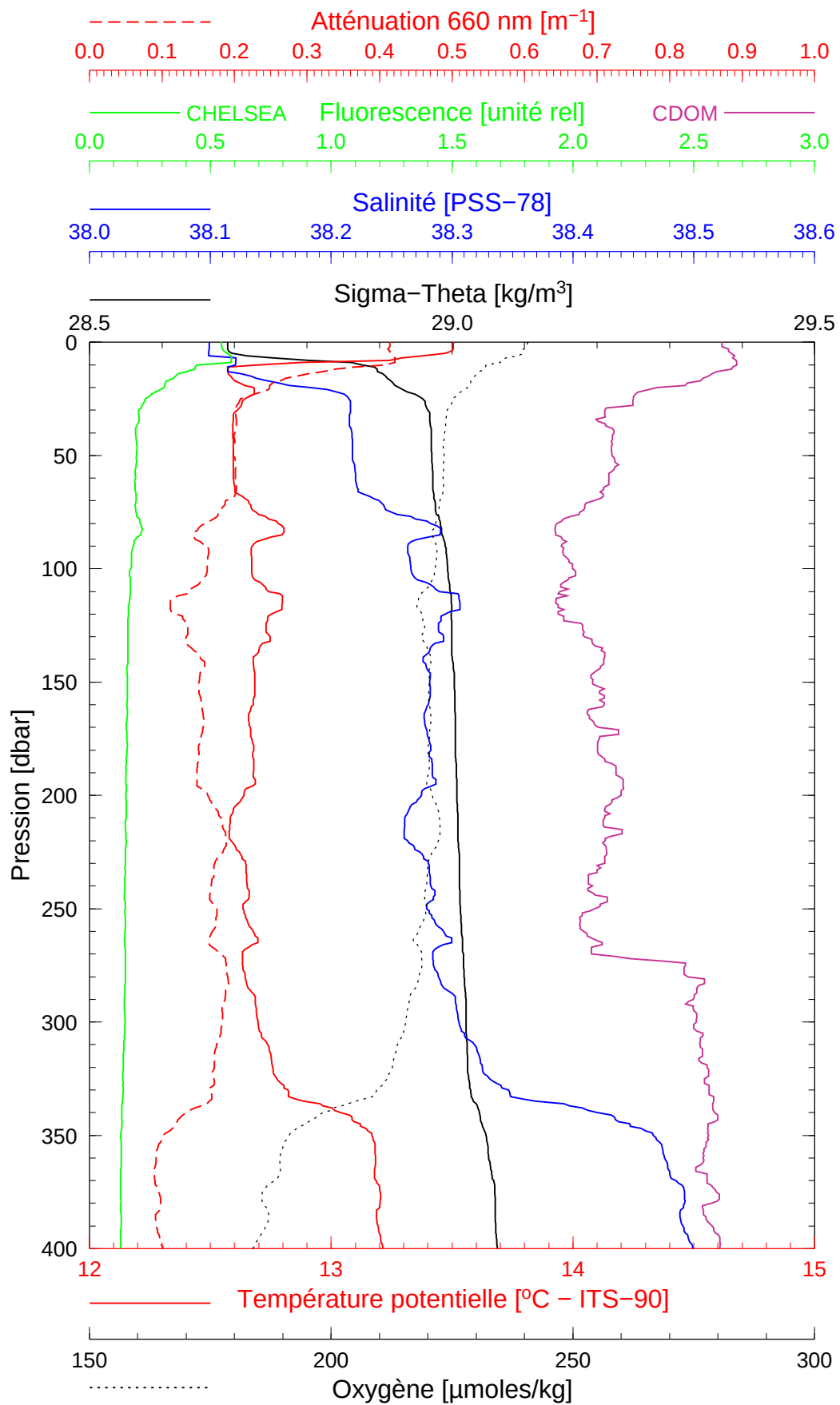
Latitude 43°30.893 N
Longitude 07°36.813 E

Boussole 52

03/04/2006

BOUS060403_06

BOUS006



Date 03/04/2006
Heure déb 18h 29min [TU]

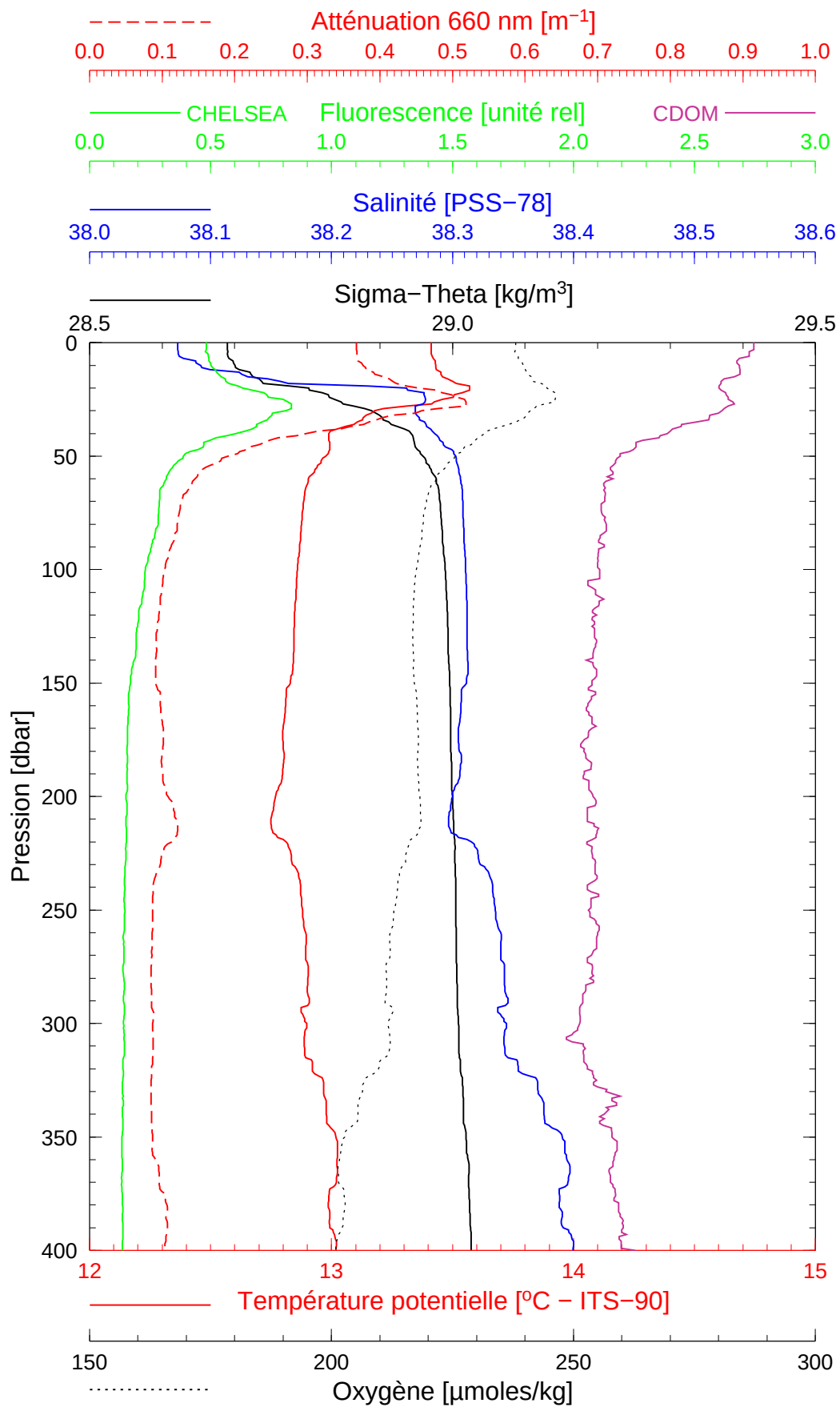
Latitude 43°33.983 N
Longitude 07°30.843 E

Boussole 52

03/04/2006

BOUS060403_07

BOUS007



Date 03/04/2006
Heure déb 19h 34min [TU]

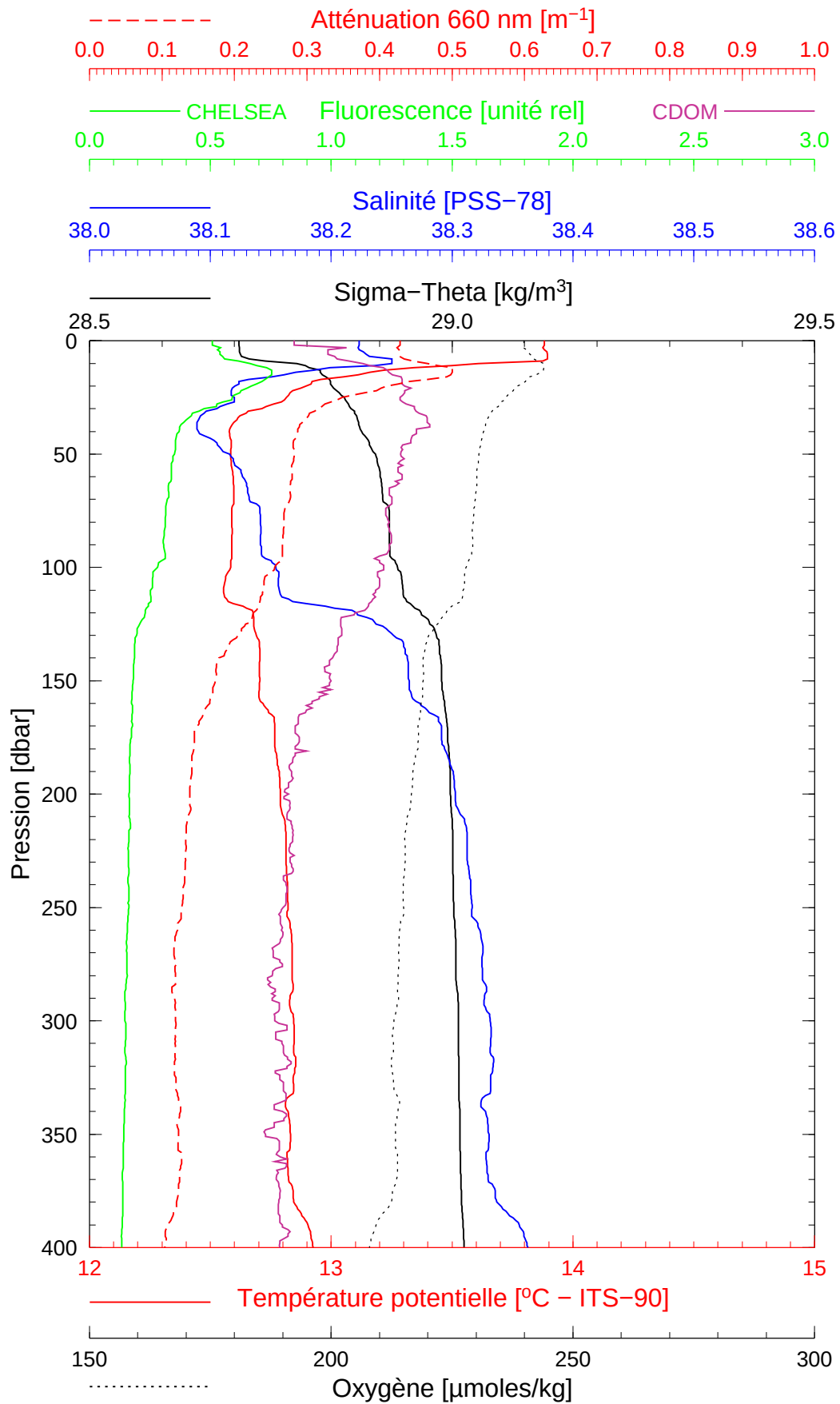
Latitude 43°37.514 N
Longitude 07°24.874 E

Boussole 52

03/04/2006

BOUS060403_08

BOUS008



Date 03/04/2006
Heure déb 20h 26min [TU]

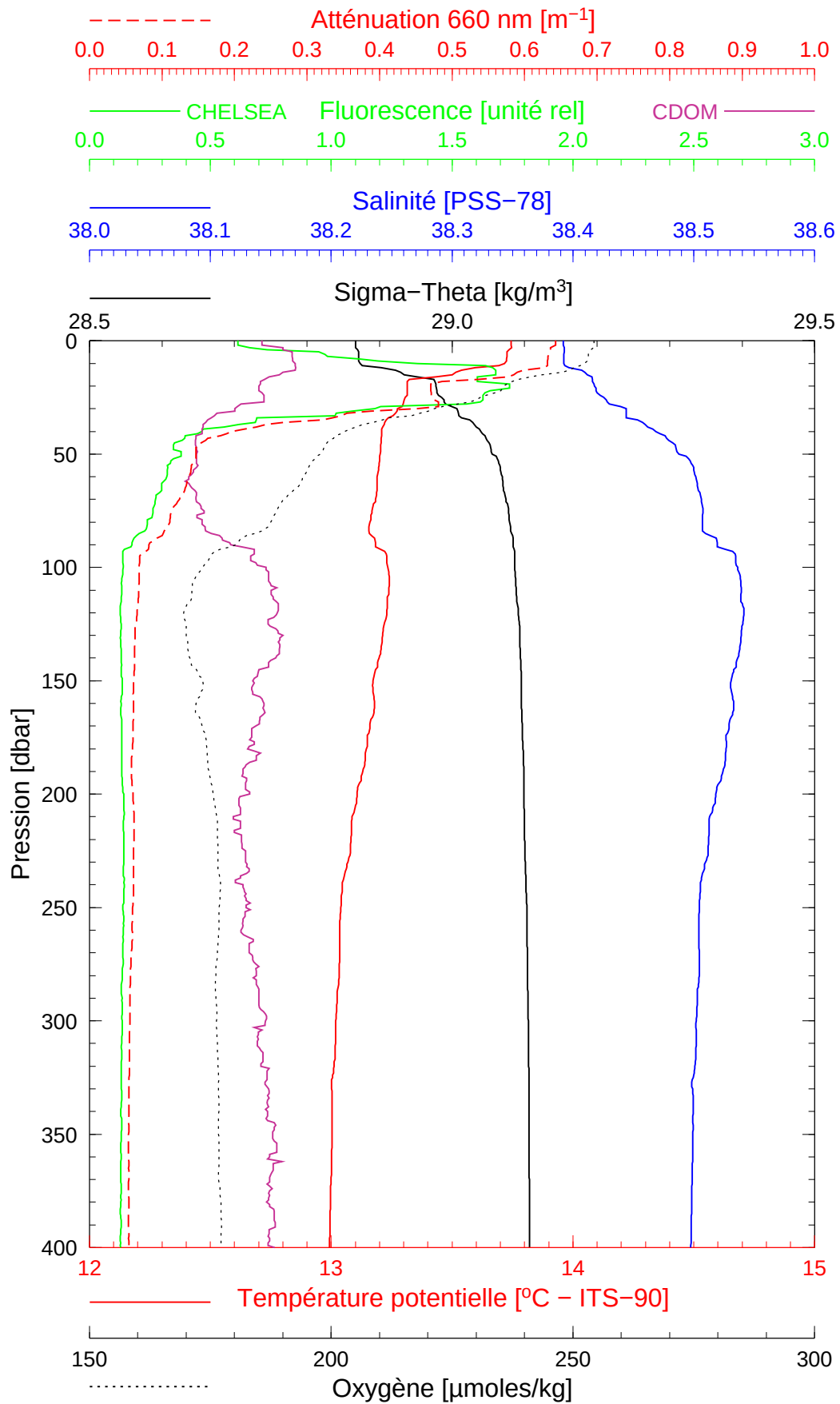
Latitude 43°38.870 N
Longitude 07°20.578 E

Boussole 52

05/04/2006

BOUS060405_01

BOUS009



Date 05/04/2006
Heure déb 11h 57min [TU]

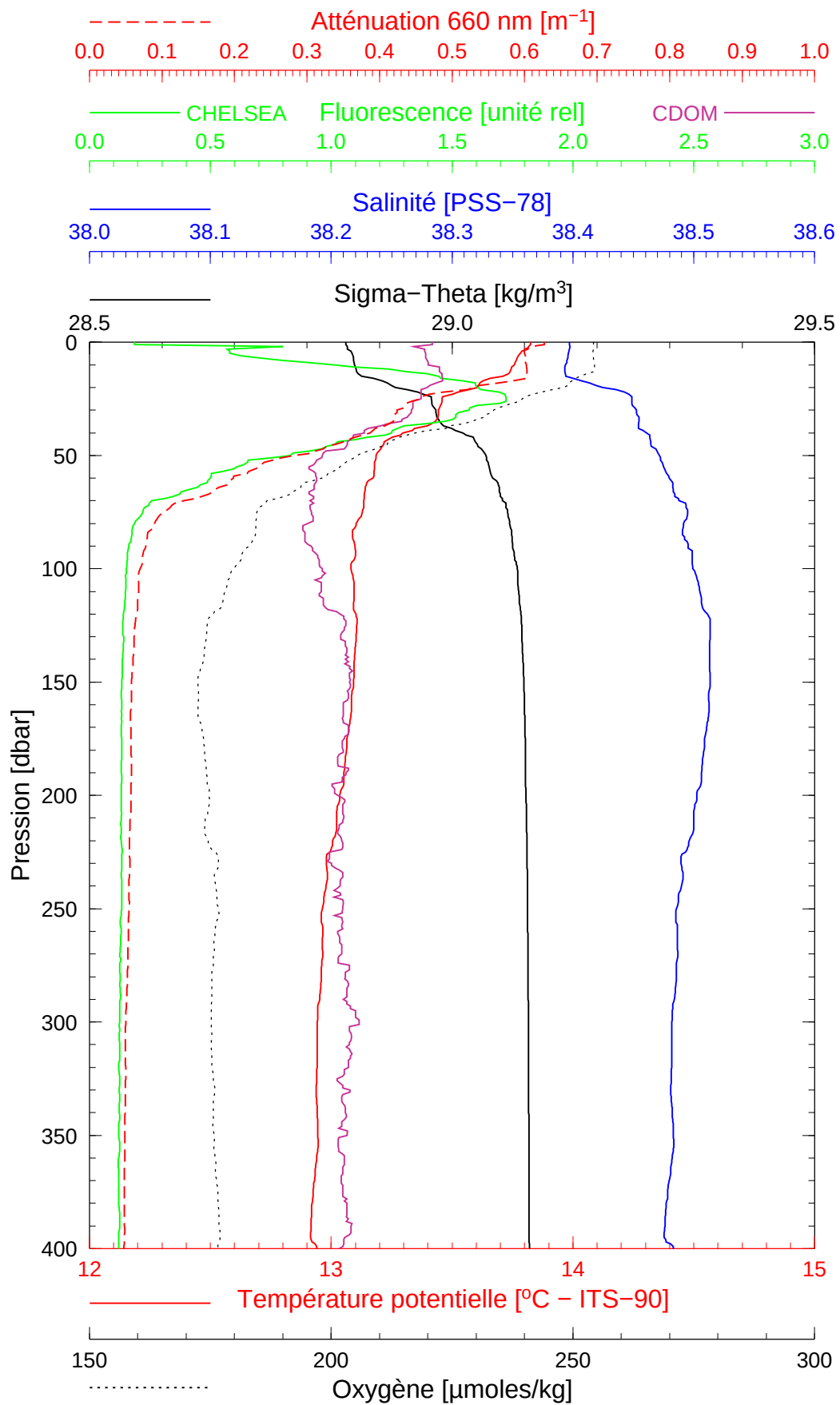
Latitude $43^{\circ}21.880$ N
Longitude $07^{\circ}53.503$ E

Boussole 52

06/04/2006

BOUS060406_01

BOUS010



Date 06/04/2006
Heure déb 08h 24min [TU]

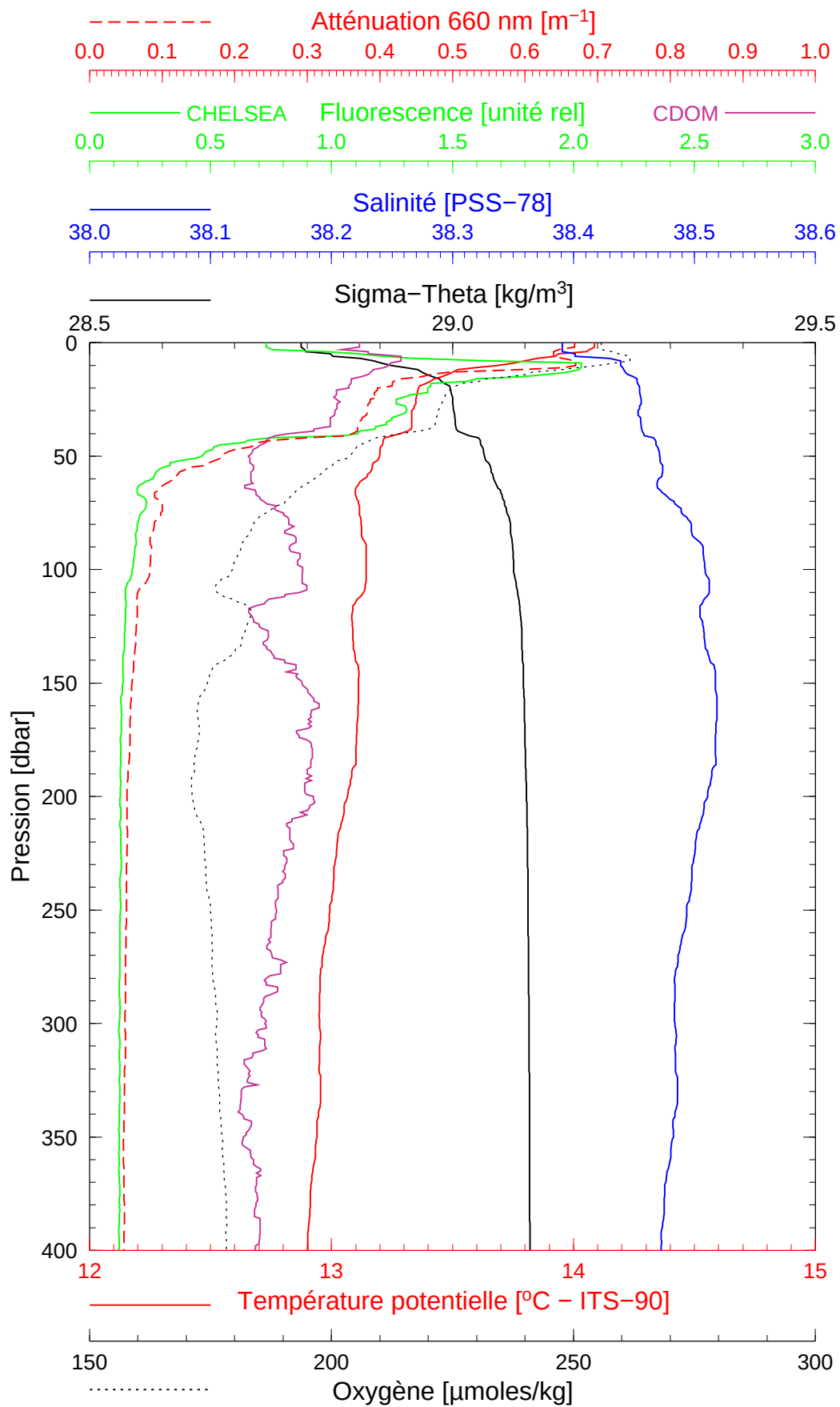
Latitude $43^{\circ}22.142$ N
Longitude $07^{\circ}53.871$ E

Boussole 52

06/04/2006

BOUS060406_02

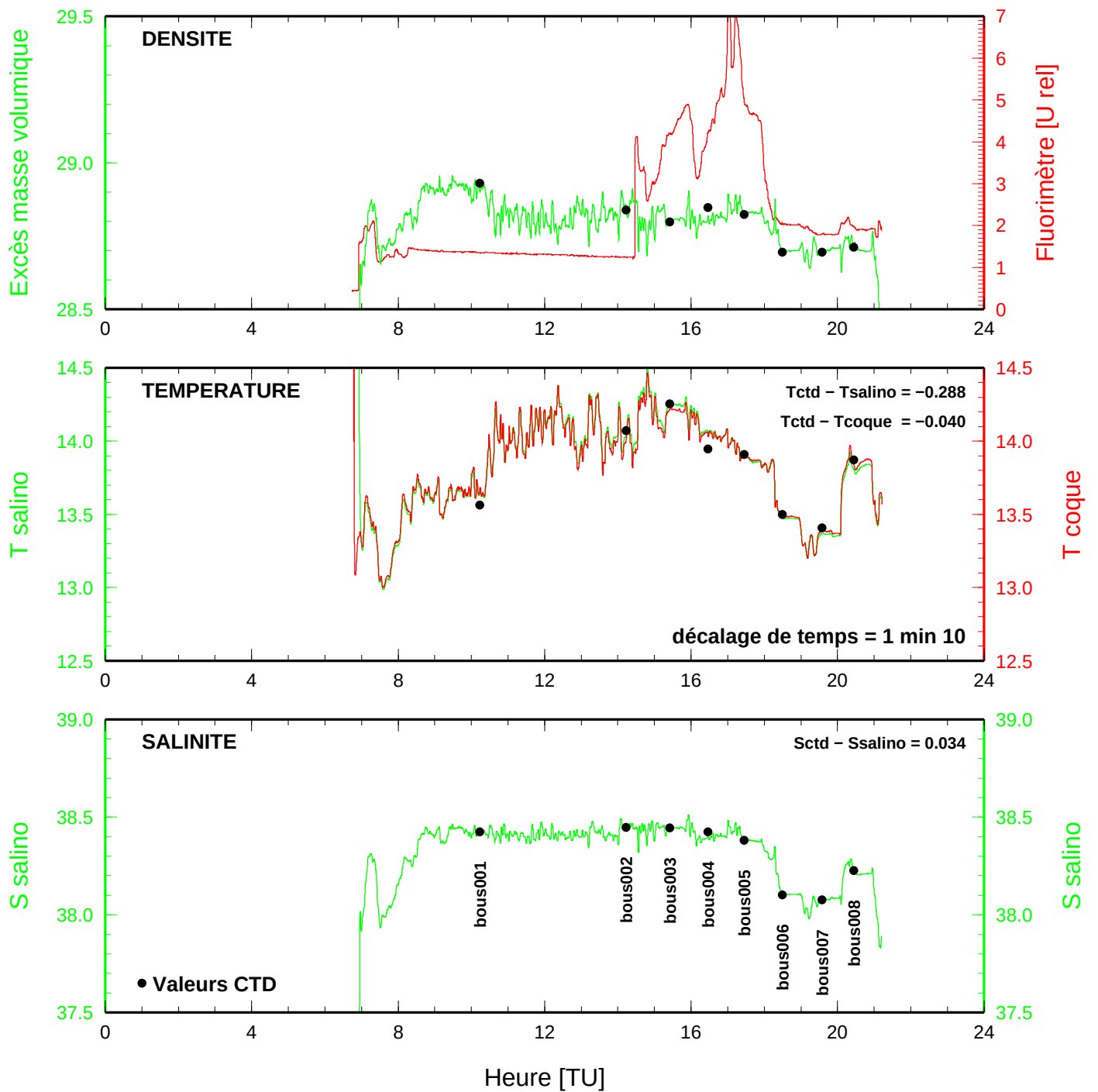
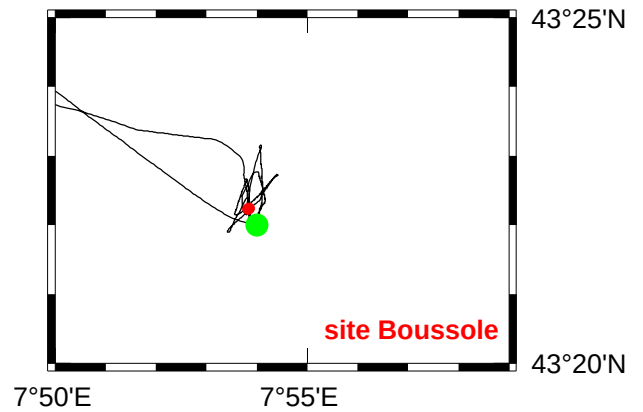
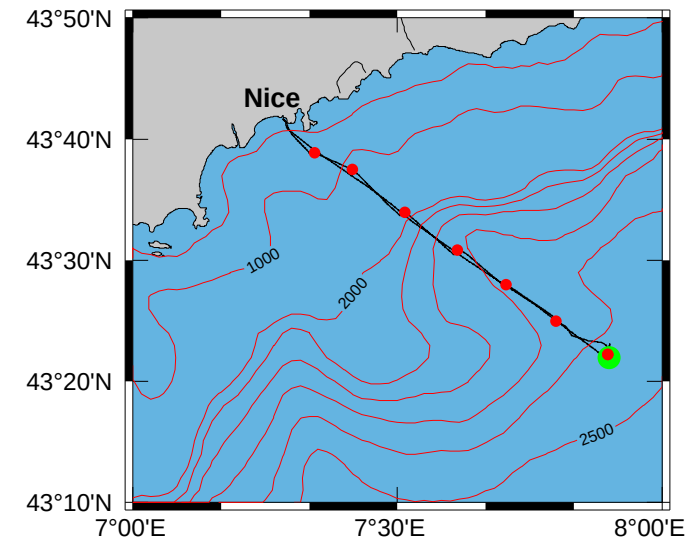
BOUS011



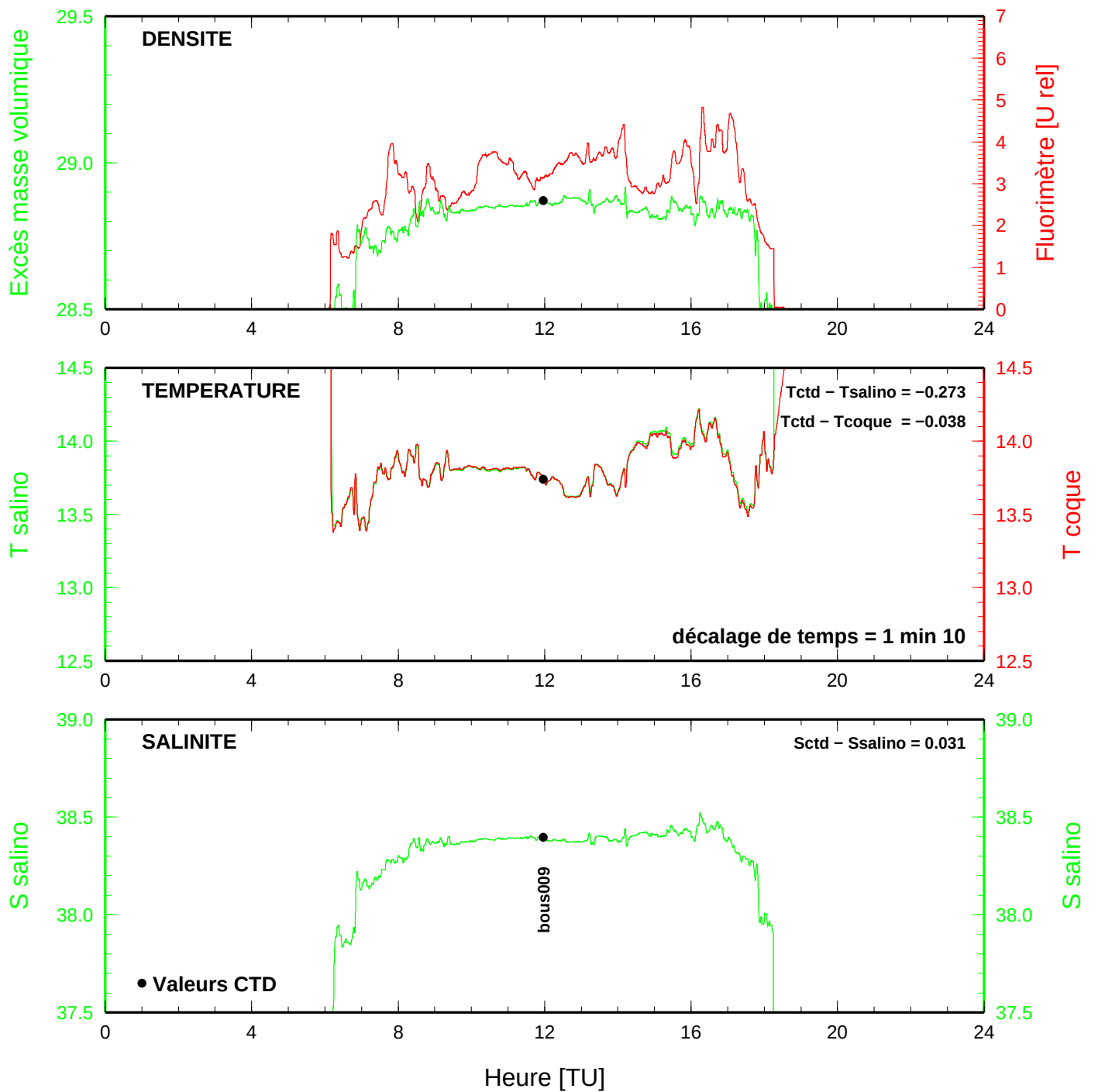
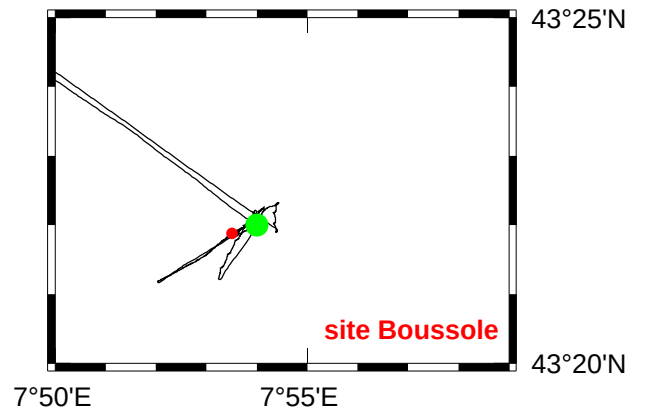
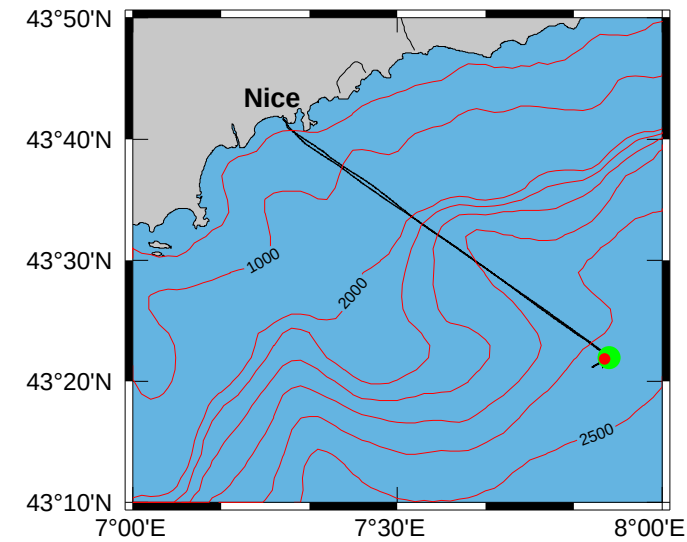
Date 06/04/2006
Heure déb 12h 11min [TU]

Latitude 43°22.398 N
Longitude 07°53.401 E

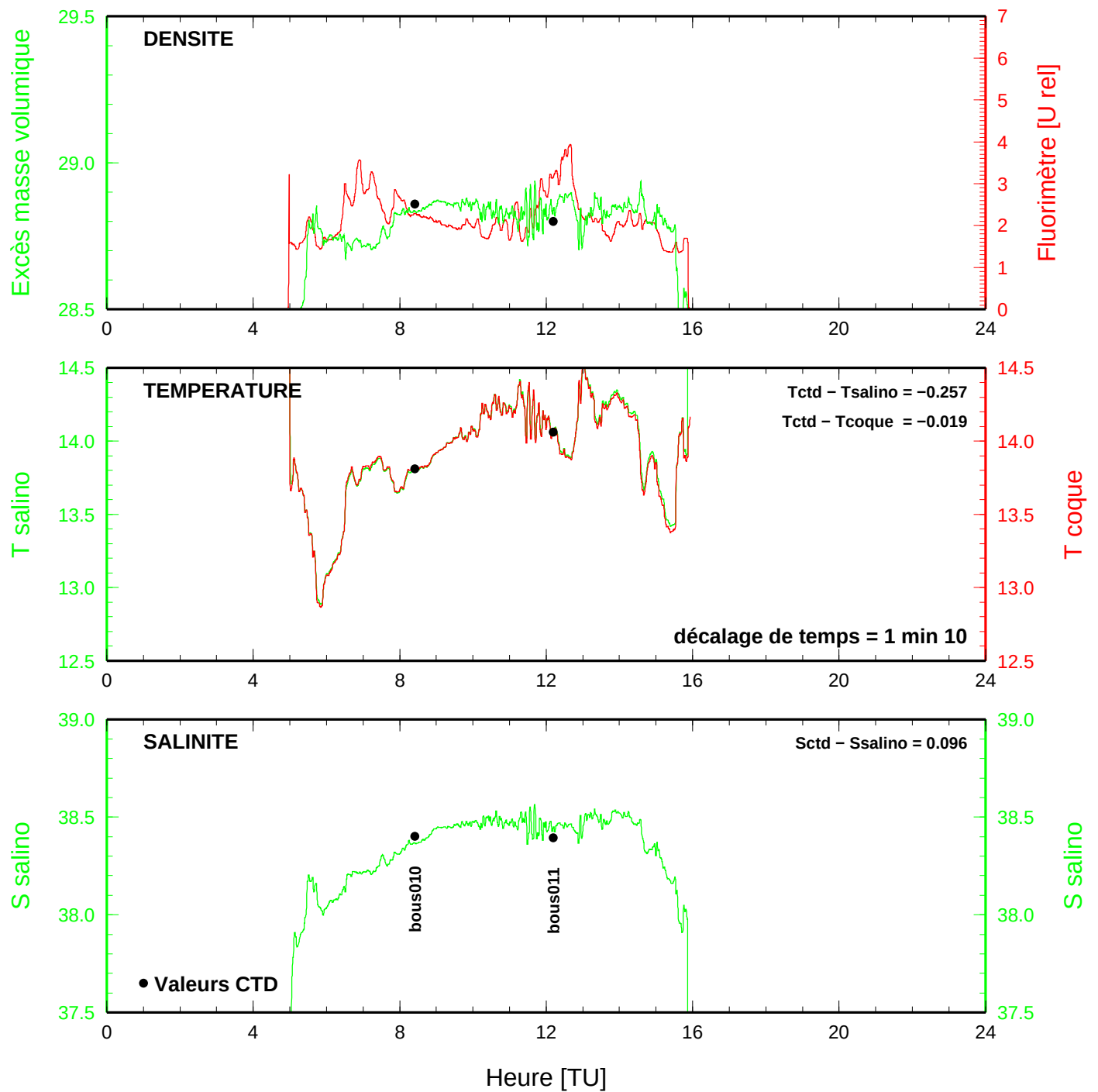
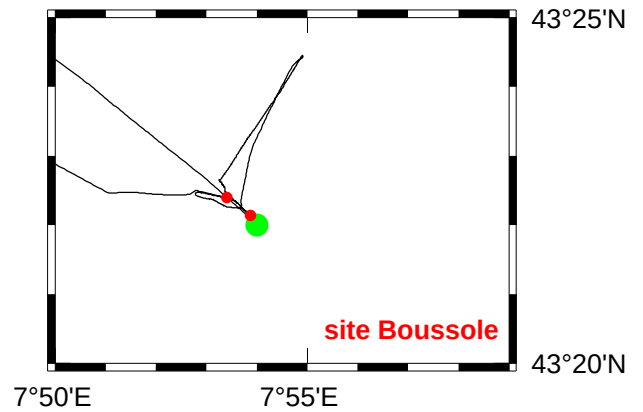
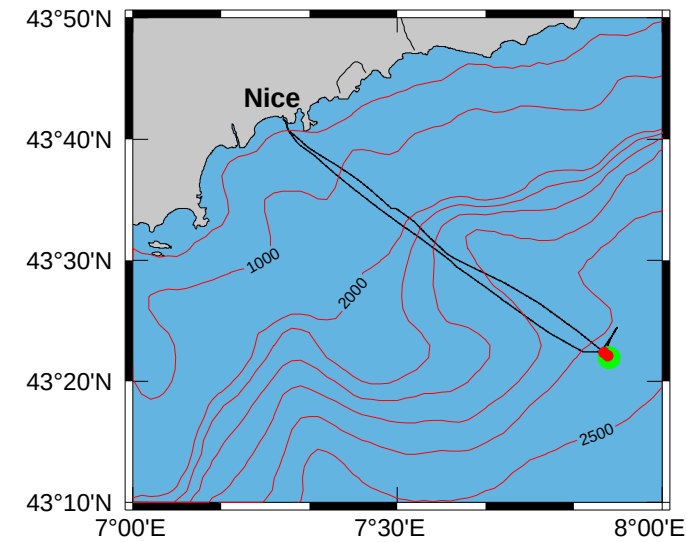
BOUSSOLE 52 03 avril 2006

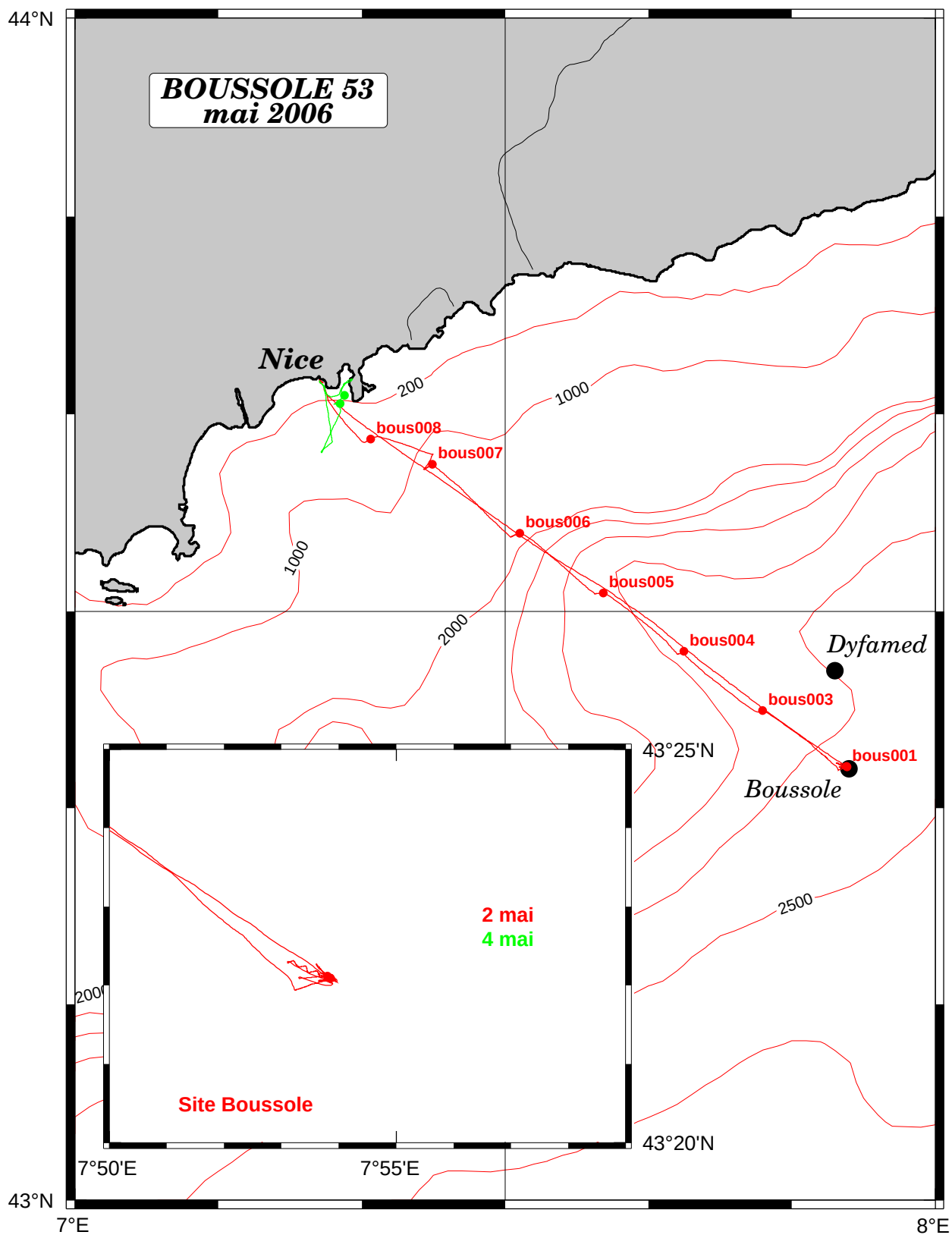


BOUSSOLE 52 05 avril 2006



BOUSSOLE 52 06 avril 2006





ASCII file: C:\boussole\mai2006\ctd\raw\calib.com

Configuration report for SBE 911/917 plus CTD

Frequency channels suppressed : 2
Voltage words suppressed : 0
Computer interface : RS-232C
Scans to average : 1
Surface PAR voltage added : Yes
NMEA position data added : No
Scan time added : No

1) Frequency 0, **Temperature**

Serial number : **1378**
Calibrated on : 11-Jan-06
G : 4.87144266e-003
H : 6.79438735e-004
I : 2.72042898e-005
J : 2.17814067e-006
F0 : 1000.000
Slope : 1.00000000
Offset : 0.0000

2) Frequency 1, **Conductivity**

Serial number : **2929**
Calibrated on : 10-Jan-06
G : -1.06099003e+001
H : 1.42248392e+000
I : 2.00064186e-005
J : 6.17534200e-005
CTcor : 3.2500e-006
CPcor : -9.57000000e-008
Slope : 1.00000000
Offset : 0.00000

3) Frequency 2, **Pressure, Digiquartz with TC**

Serial number : **53981**
Calibrated on : 11-Jan-95
C1 : -4.499337e+004
C2 : 4.543683e-001
C3 : 1.505020e-002
D1 : 3.936600e-002
D2 : 0.000000e+000
T1 : 3.004660e+001
T2 : -1.897714e-004
T3 : 4.727060e-006
T4 : 1.923520e-009
T5 : 0.000000e+000
Slope : 0.99985000
Offset : 0.11430
AD590M : 1.138000e-002
AD590B : -8.189160e+000

4) A/D voltage 0, **Oxygen, SBE 43**

Serial number : **0587**
Calibrated on : 10-Jan-04
Soc : 3.5840e-001
Boc : 0.0000
Offset : -0.4782
Tcor : 0.0012
Pcor : 1.35e-004
Tau : 0.0

5) A/D voltage 1, Free

6) A/D voltage 2, **Fluorometer, Chelsea Aqua 3**

Serial number : **088193**
Calibrated on : 27-oct-97
VB : 0.165000
V1 : 1.933000
Vacetone : 0.250000
Scale factor : 1.000000
Slope : 1.000000
Offset : 0.000000

7) A/D voltage 3, Free

8) A/D voltage 4, **Fluorometer, Wetlab CDOM**

Serial number : 1095P
Calibrated on : 05-Dec-05
Vblank : 0.057
Scale factor : 66.500

9) A/D voltage 5, Free

10) A/D voltage 6, **Transmissometer, Wetlab CStar**

Serial number : **887DR**
Calibrated on : 13-Feb-06
M : 21.4500
B : -1.2870
Path length : 0.250

11) A/D voltage 7, Free

12) SPAR voltage, Unavailable

13) SPAR voltage, **SPAR/Surface Irradiance**

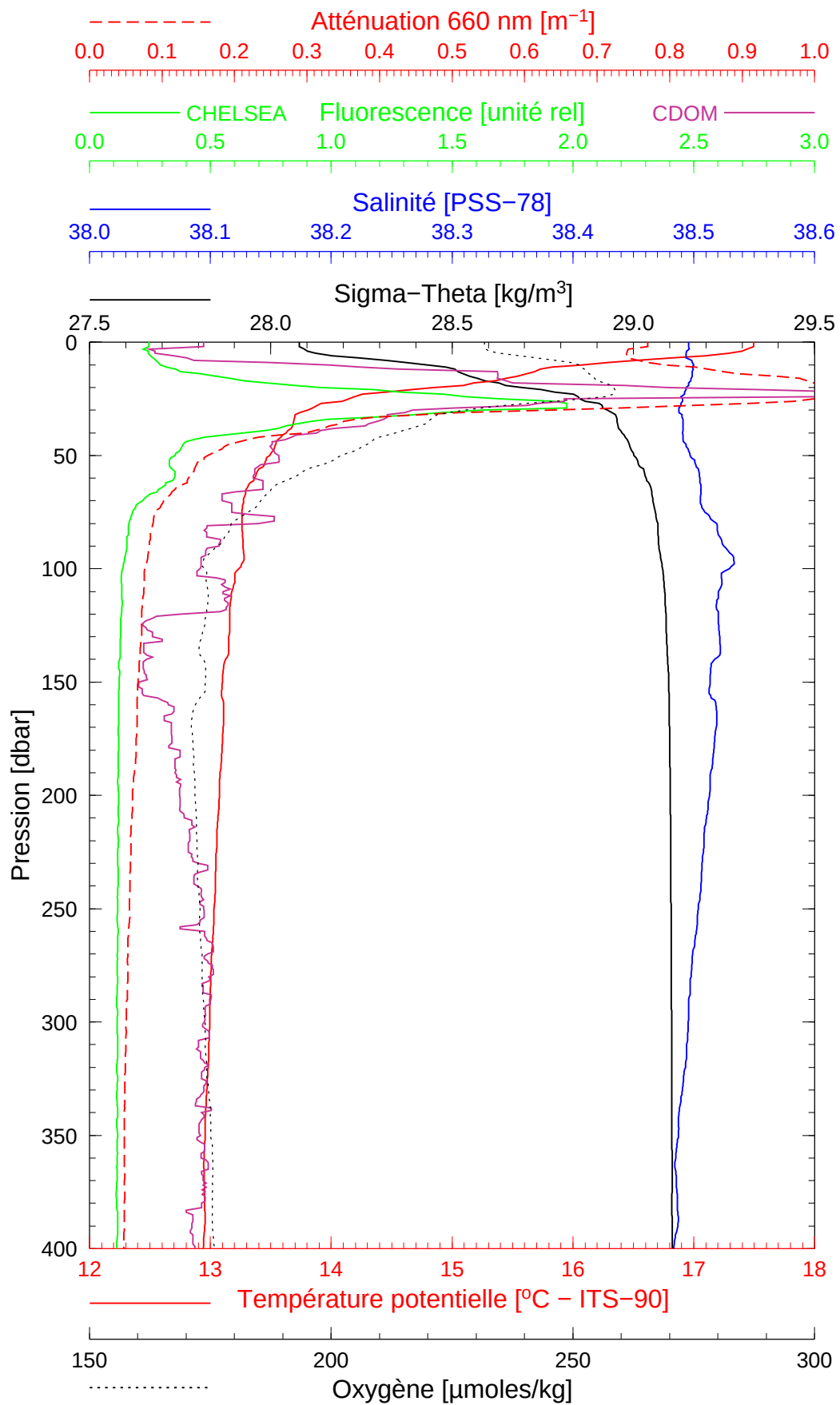
Serial number : **6326**
Calibrated on : 24-fev-95
Conversion factor : 753.25000000
Ratio multiplier : 1.00000000

Boussole 53

02/05/2006

BOUS060502_01

BOUS001



Date 02/05/2006
Heure déb 10h 37min [TU]

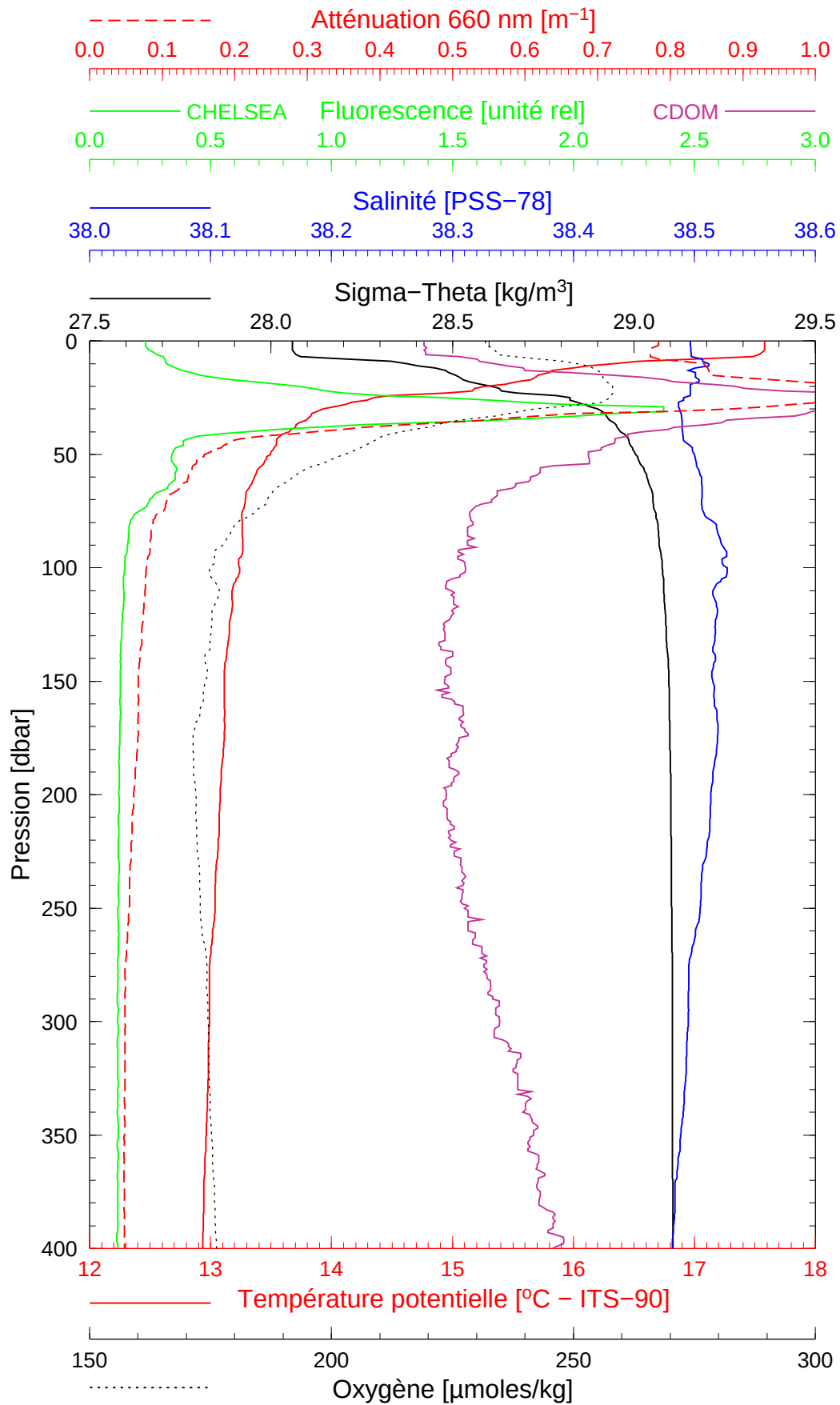
Latitude $43^{\circ}22.120$ N
Longitude $07^{\circ}53.805$ E

Boussole 53

02/05/2006

BOUS060502_02

BOUS002



Date 02/05/2006
Heure déb 13h 22min [TU]

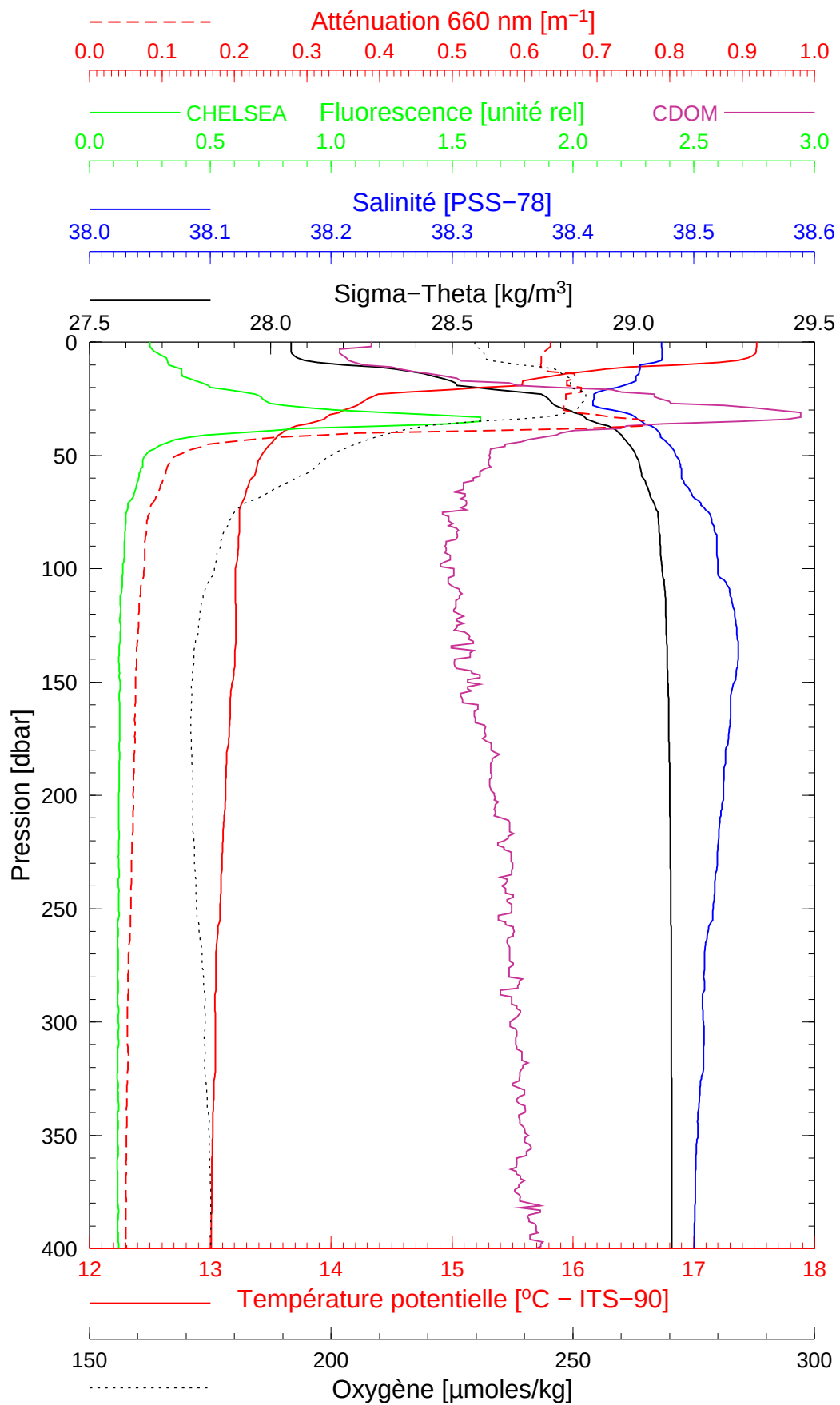
Latitude 43°22.094 N
Longitude 07°53.856 E

Boussole 53

02/05/2006

BOUS060502_03

BOUS003



Date 02/05/2006
Heure déb 14h 48min [TU]

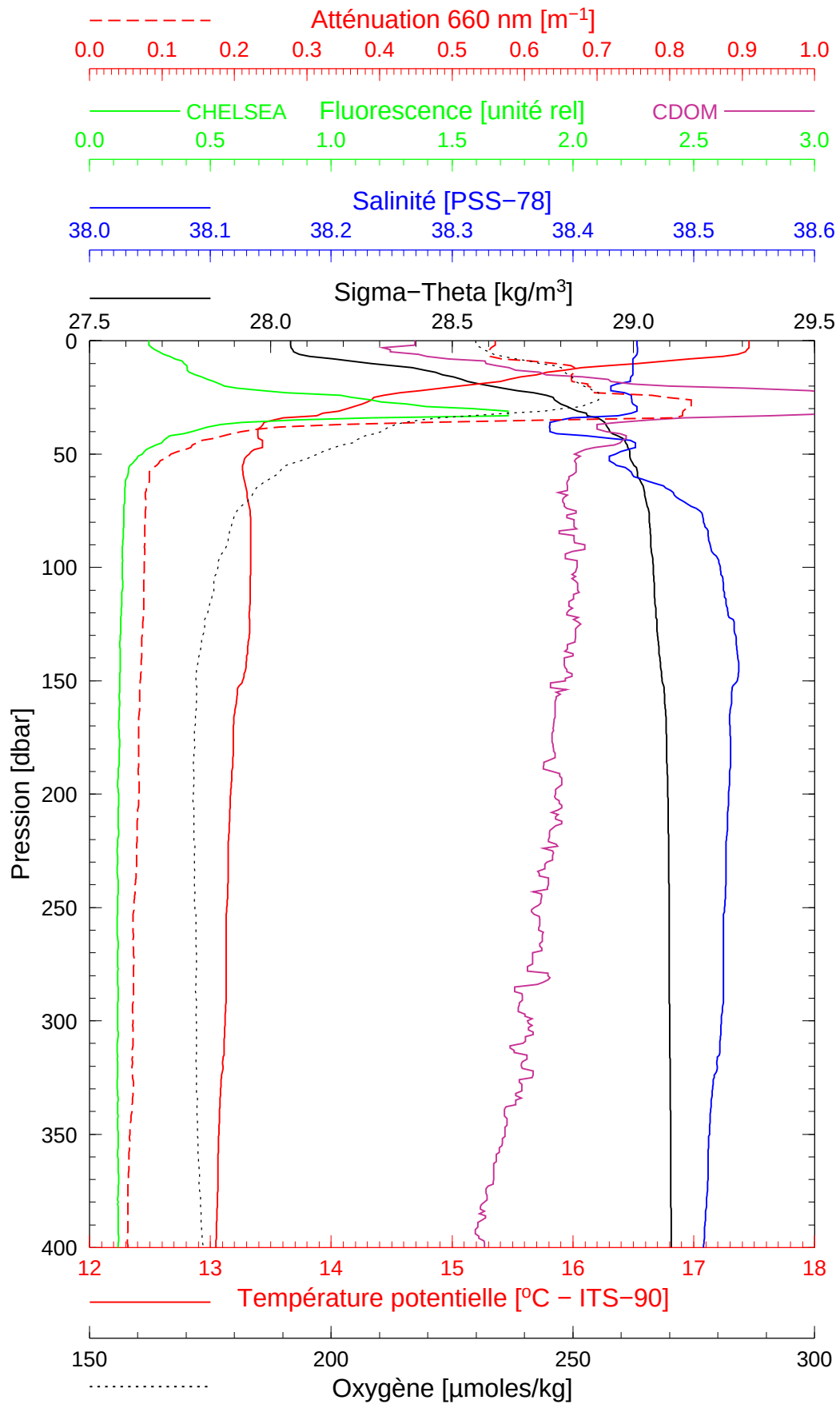
Latitude $43^{\circ}24.966$ N
Longitude $07^{\circ}47.956$ E

Boussole 53

02/05/2006

BOUS060502_04

BOUS004



Date 02/05/2006
Heure déb 15h 43min [TU]

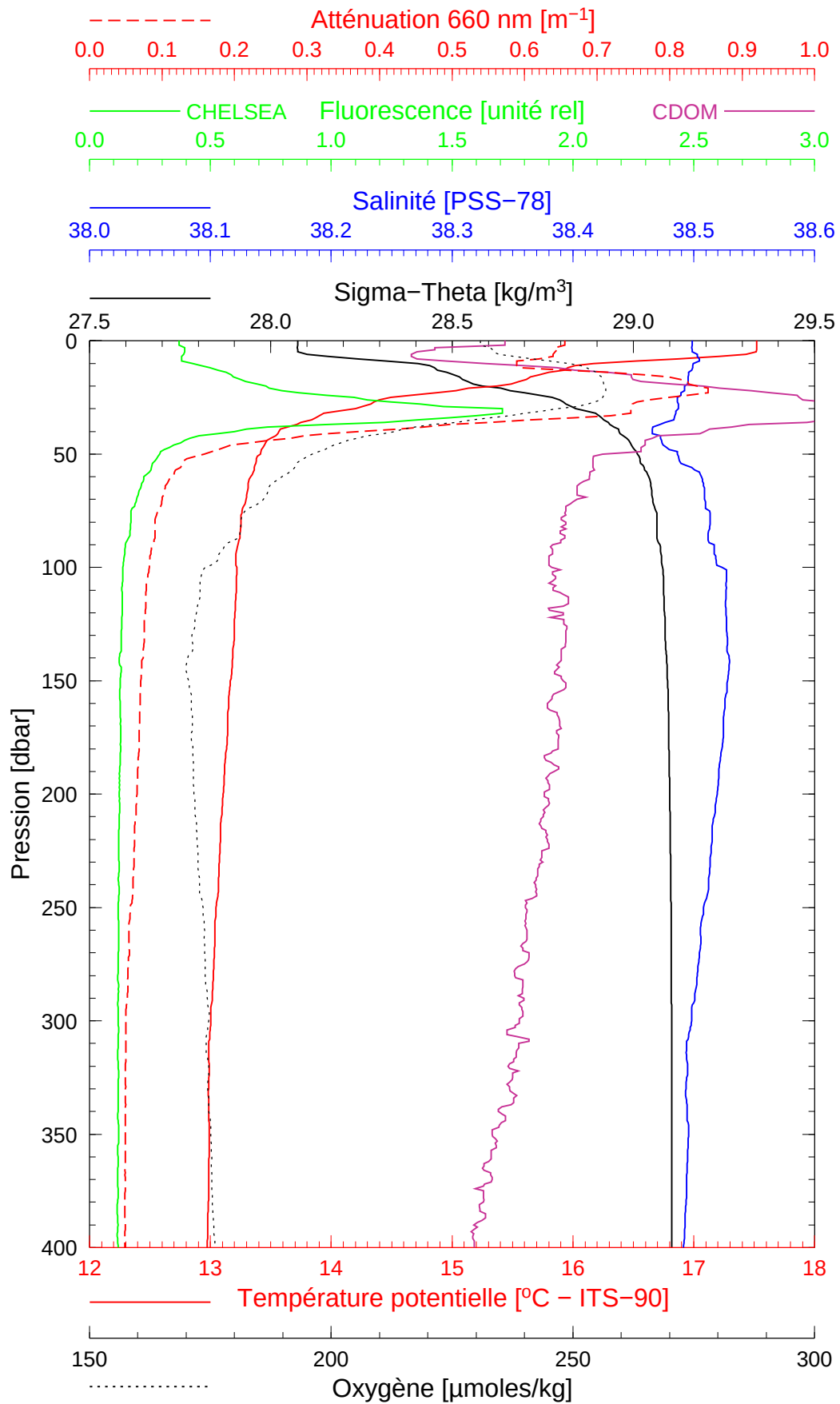
Latitude 43°27.972 N
Longitude 07°42.469 E

Boussole 53

02/05/2006

BOUS060502_05

BOUS005



Date 02/05/2006
Heure déb 16h 42min [TU]

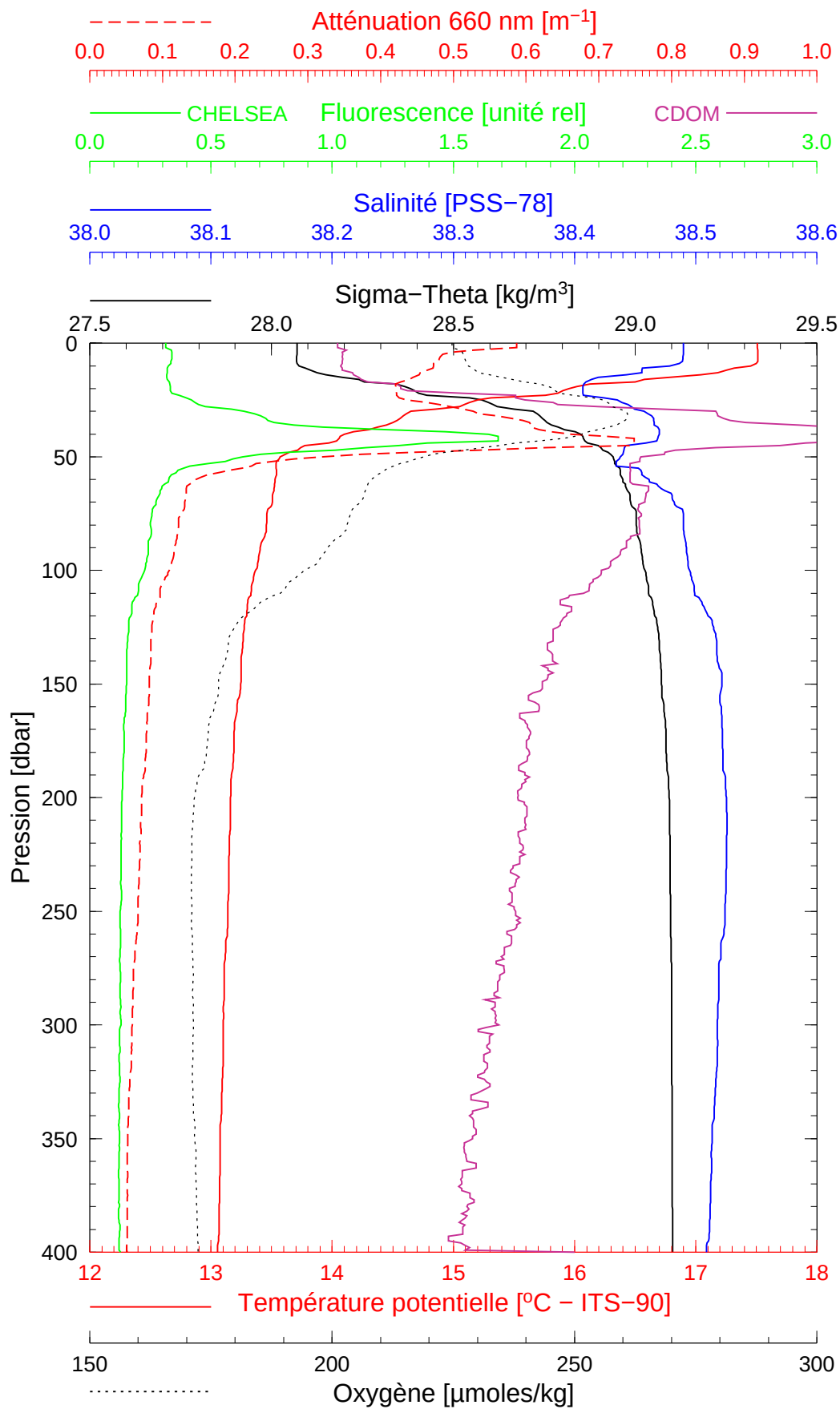
Latitude 43°30.948 N
Longitude 07°36.863 E

Boussole 53

02/05/2006

BOUS060502_06

BOUS006



Date 02/05/2006
Heure déb 17h 40min [TU]

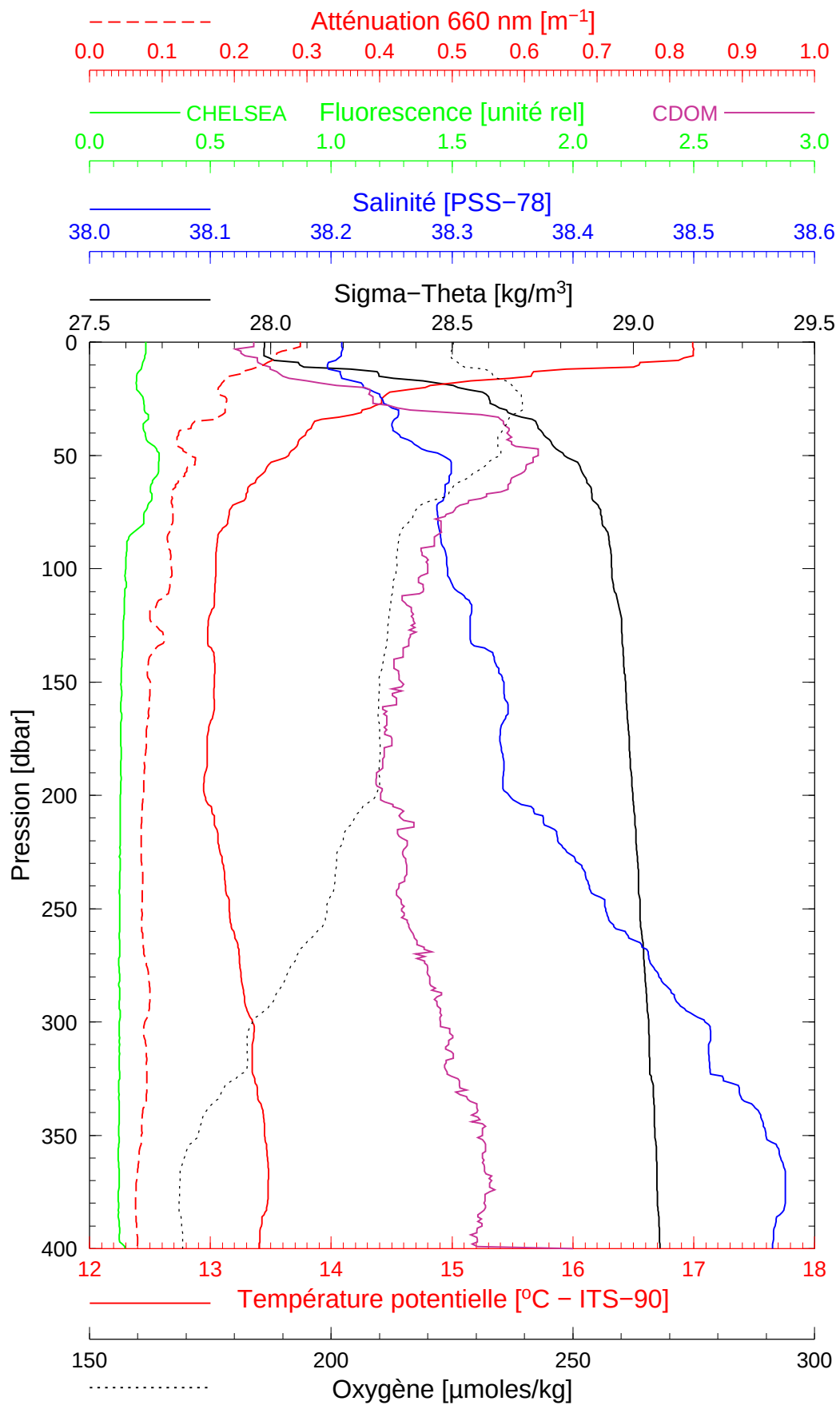
Latitude 43°33.966 N
Longitude 07°31.021 E

Boussole 53

02/05/2006

BOUS060502_07

BOUS007



Date 02/05/2006
Heure déb 18h 39min [TU]

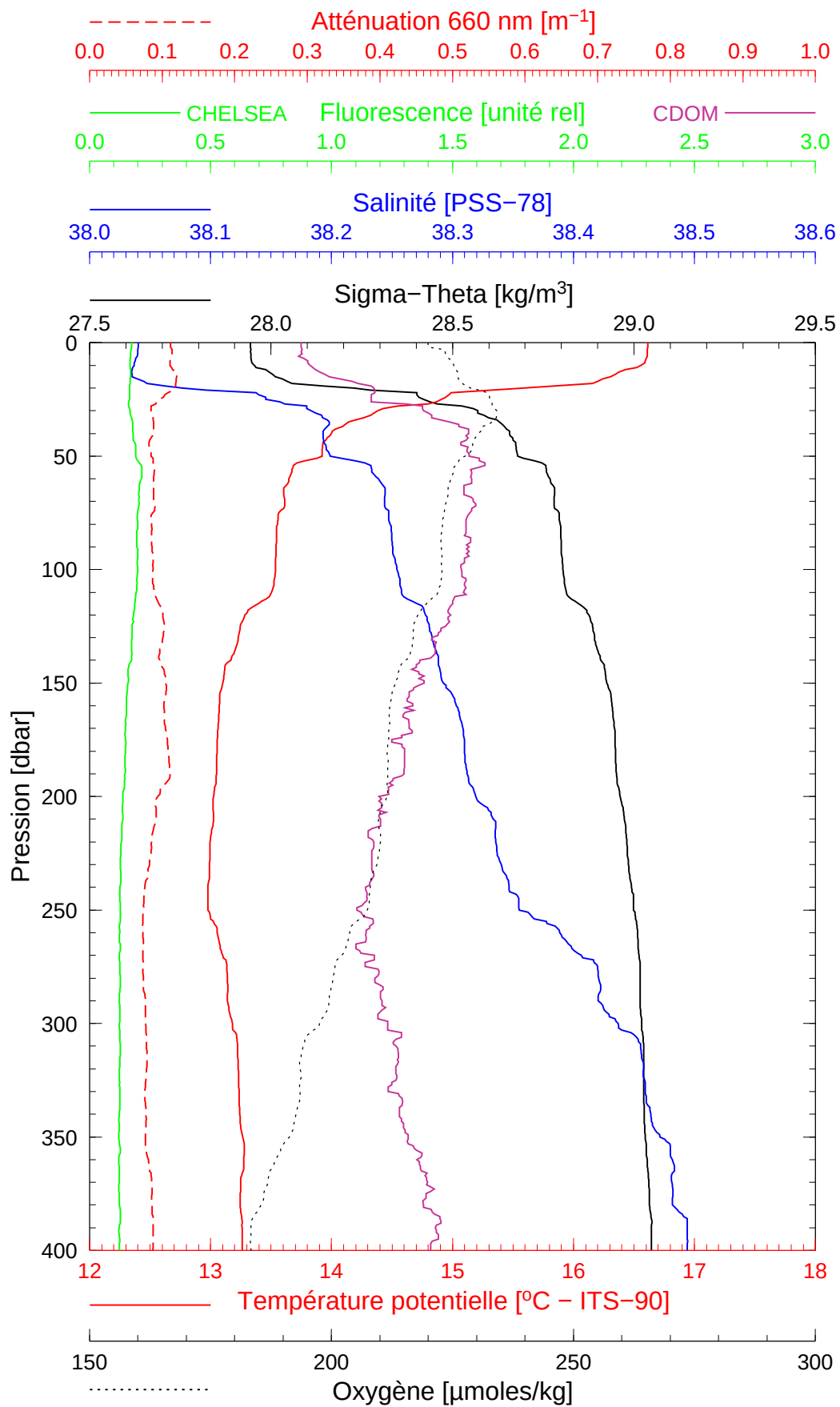
Latitude 43°37.466 N
Longitude 07°24.924 E

Boussole 53

02/05/2006

BOUS060502_08

BOUS008



Date 02/05/2006
Heure déb 19h 34min [TU]

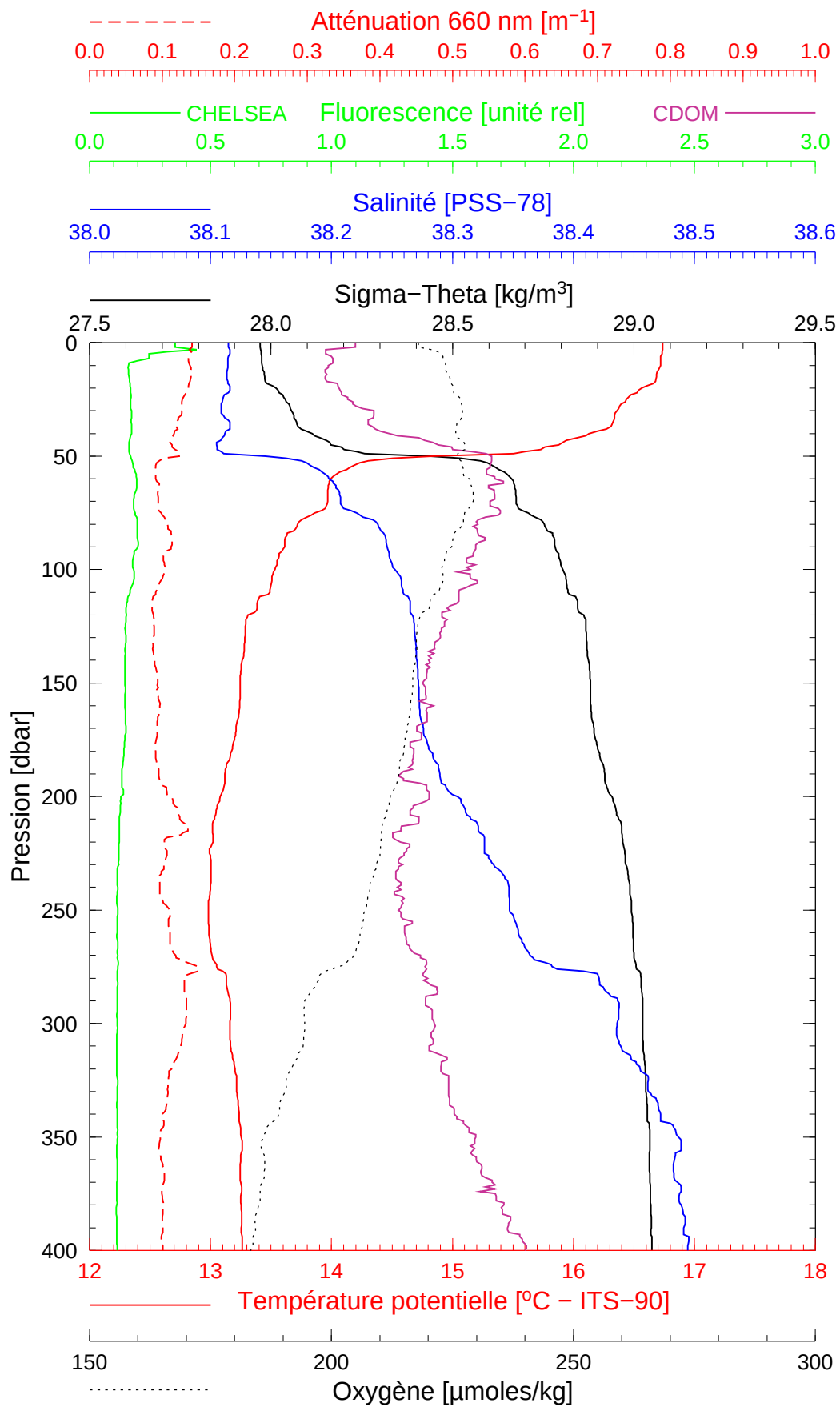
Latitude $43^{\circ}38.742$ N
Longitude $07^{\circ}20.641$ E

Boussole 53

04/05/2006

BOUS060504_01

point C



Date 04/05/2006
Heure déb 08h 16min [TU]

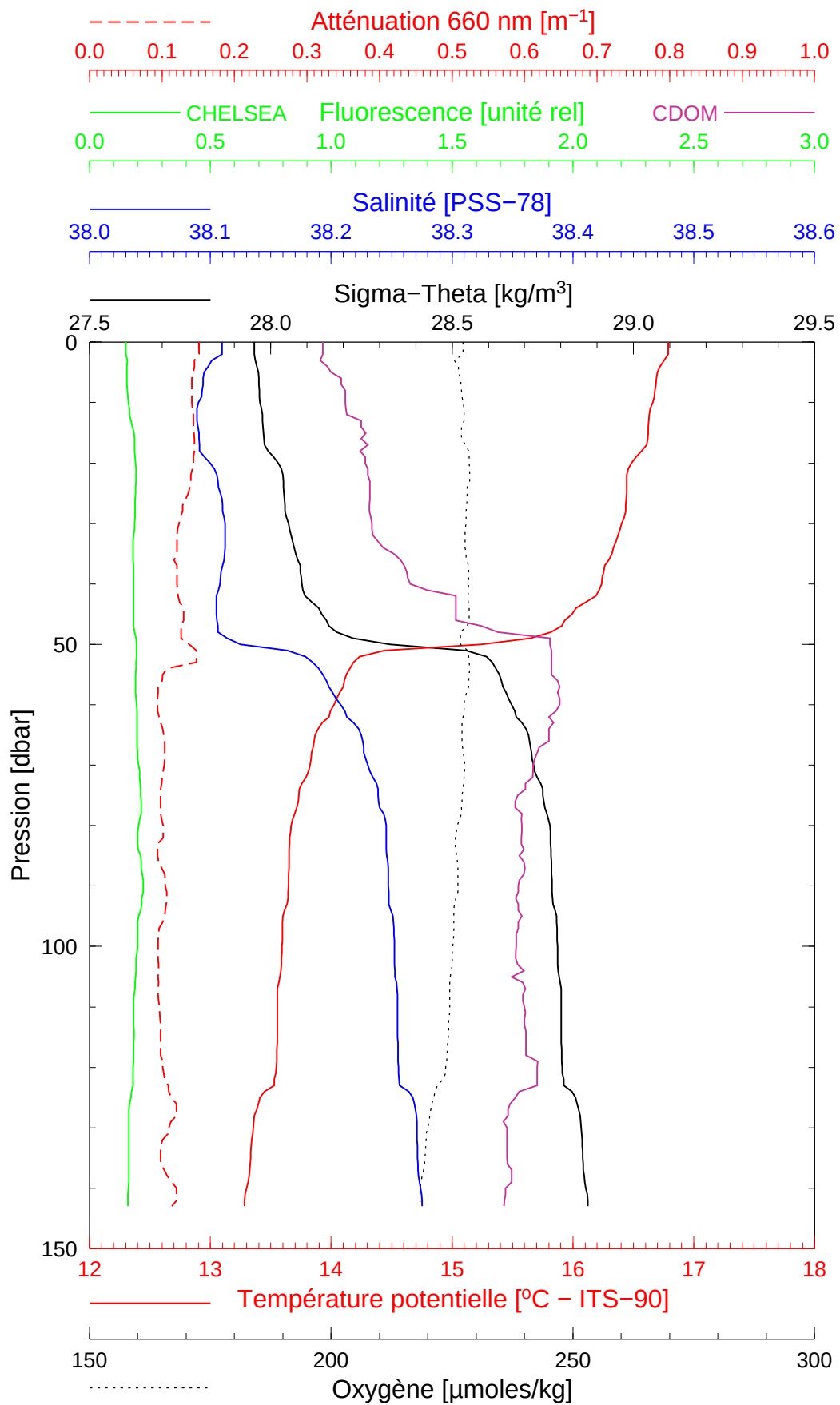
Latitude $43^{\circ}40.546$ N
Longitude $07^{\circ}18.505$ E

Boussole 53

04/05/2006

BOUS060504_02

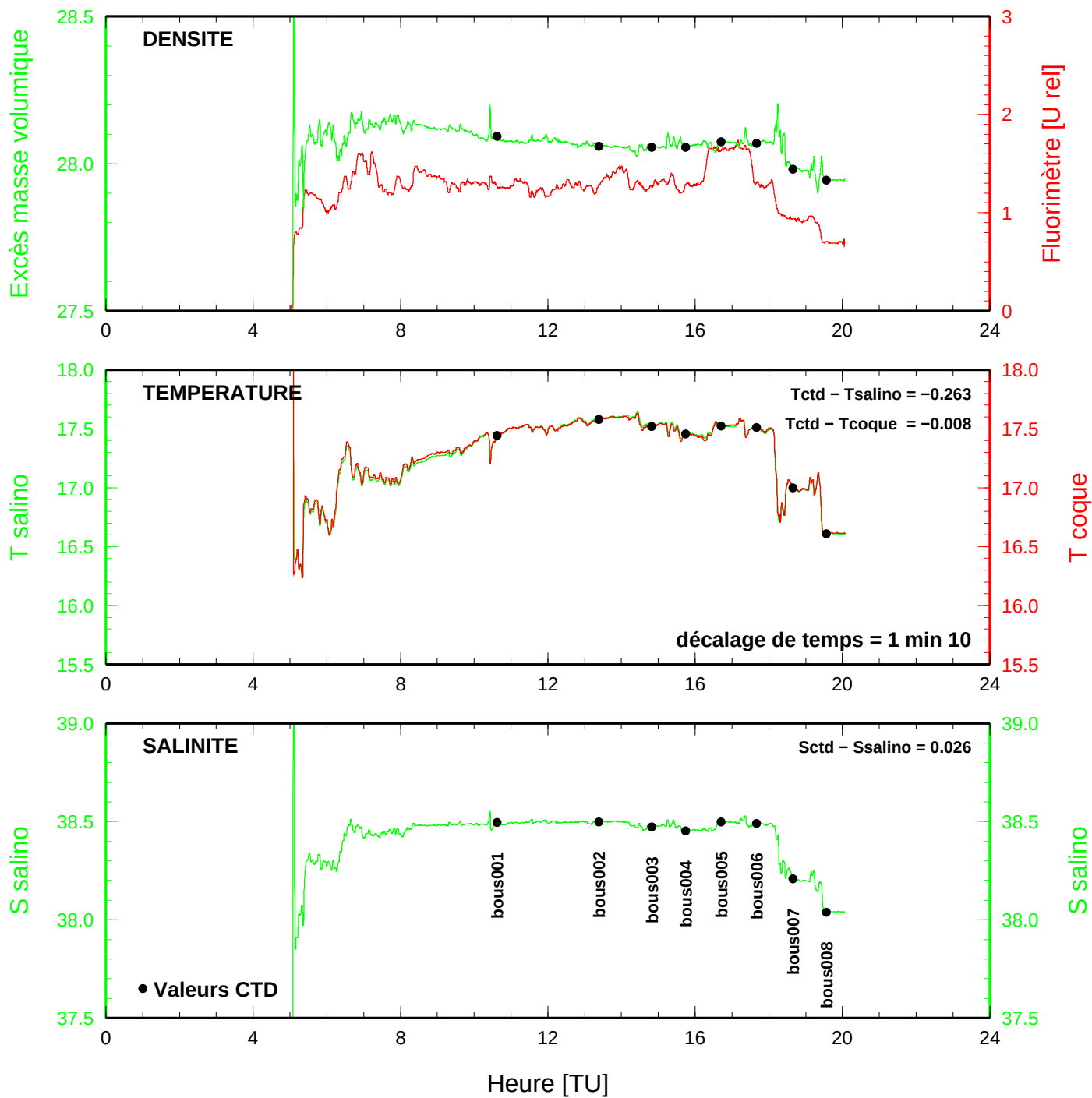
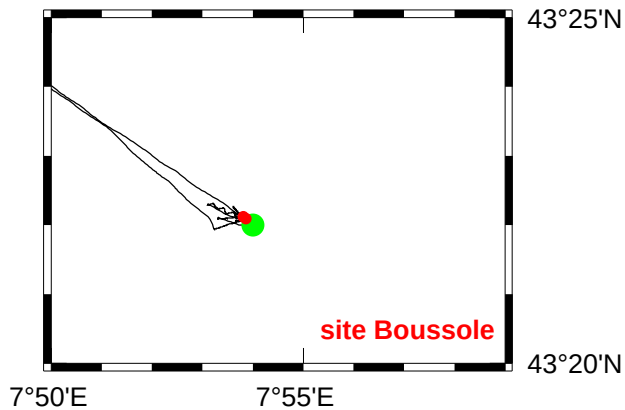
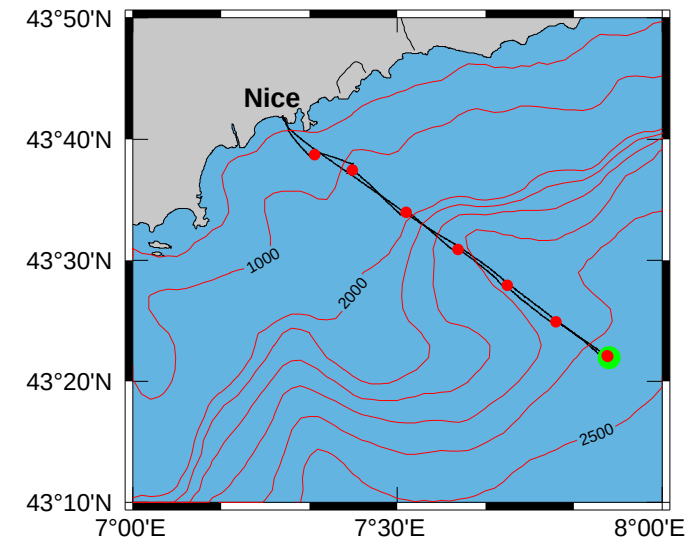
point B



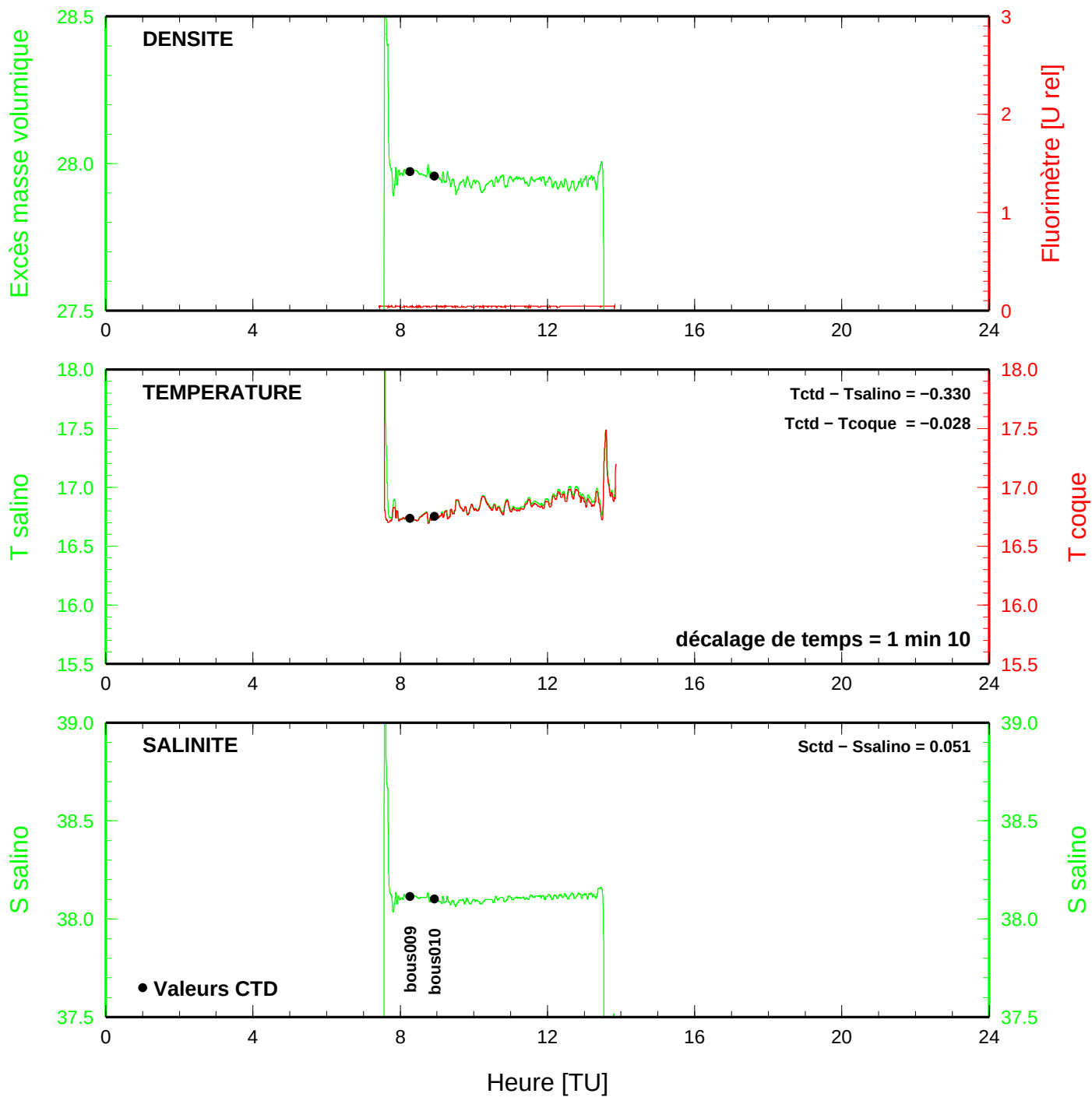
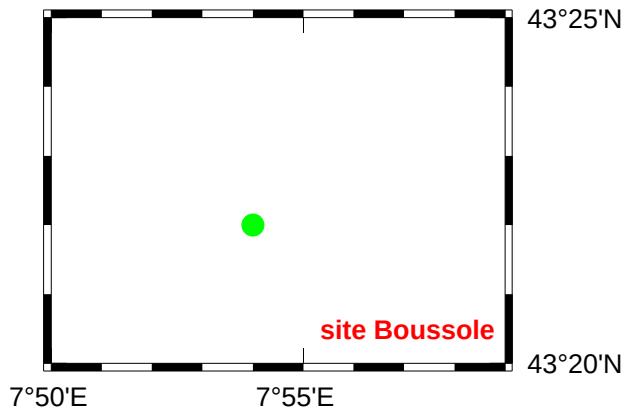
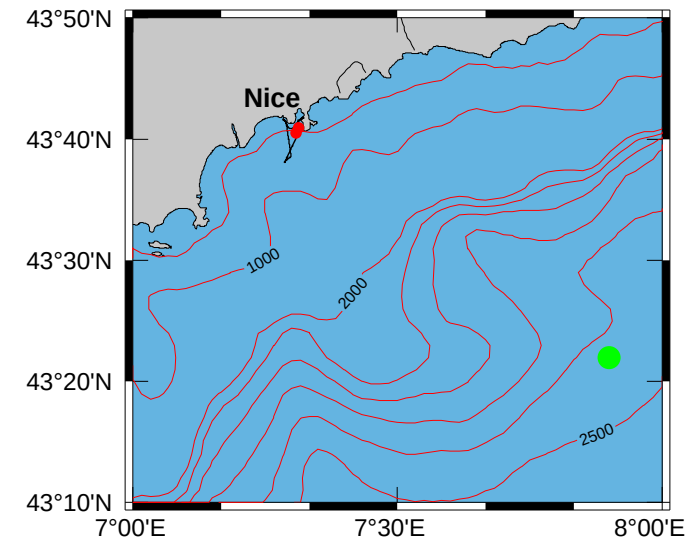
Date 04/05/2006
Heure déb 08h 55min [TU]

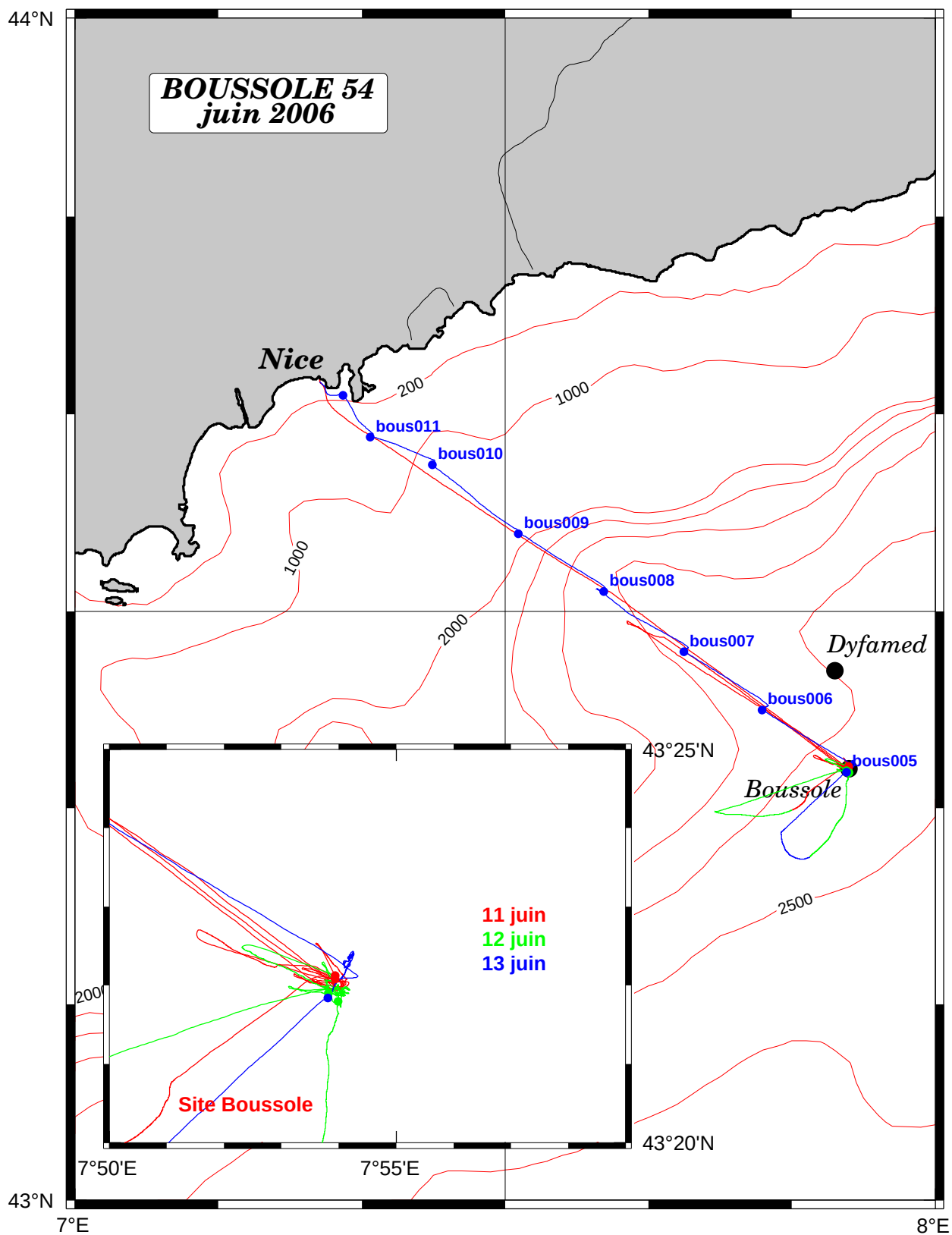
Latitude 43°40.948 N
Longitude 07°18.810 E

BOUSSOLE 53 02 mai 2006



BOUSSOLE 53 04 mai 2006





ASCII file: C:\boussole\juin2006\ctd\raw\calib.com

Configuration report for SBE 911/917 plus CTD

Frequency channels suppressed : 2
Voltage words suppressed : 0
Computer interface : RS-232C
Scans to average : 1
Surface PAR voltage added : Yes
NMEA position data added : No
Scan time added : No

1) Frequency 0, **Temperature**

Serial number : **1378**
Calibrated on : 11-Jan-06
G : 4.87144266e-003
H : 6.79438735e-004
I : 2.72042898e-005
J : 2.17814067e-006
F0 : 1000.000
Slope : 1.00000000
Offset : 0.0000

2) Frequency 1, **Conductivity**

Serial number : **2929**
Calibrated on : 10-Jan-06
G : -1.06099003e+001
H : 1.42248392e+000
I : 2.00064186e-005
J : 6.17534200e-005
CTcor : 3.2500e-006
CPcor : -9.57000000e-008
Slope : 1.00000000
Offset : 0.00000

3) Frequency 2, **Pressure, Digiquartz with TC**

Serial number : **53981**
Calibrated on : 11-Jan-95
C1 : -4.499337e+004
C2 : 4.543683e-001
C3 : 1.505020e-002
D1 : 3.936600e-002
D2 : 0.000000e+000
T1 : 3.004660e+001
T2 : -1.897714e-004
T3 : 4.727060e-006
T4 : 1.923520e-009
T5 : 0.000000e+000
Slope : 0.99985000
Offset : 0.11430
AD590M : 1.138000e-002
AD590B : -8.189160e+000

4) A/D voltage 0, **Oxygen, SBE 43**

Serial number : **0587**
Calibrated on : 10-Jan-04
Soc : 3.5840e-001
Boc : 0.0000
Offset : -0.4782
Tcor : 0.0012
Pcor : 1.35e-004
Tau : 0.0

5) A/D voltage 1, Free

6) A/D voltage 2, **Fluorometer, Chelsea Aqua 3**

Serial number : **088193**
Calibrated on : 27-oct-97
VB : 0.165000
V1 : 1.933000
Vacetone : 0.250000
Scale factor : 1.000000
Slope : 1.000000
Offset : 0.000000

7) A/D voltage 3, Free

8) A/D voltage 4, **Fluorometer, Wetlab CDOM**

Serial number : **1095P**
Calibrated on : 05-Dec-05
Vblank : 0.057
Scale factor : 66.500

9) A/D voltage 5, Free

10) A/D voltage 6, **Wetlab CStar**

Serial number : **887DR**
Calibrated on : 13-Feb-06
M : 21.4500
B : -1.2870
Path length : 0.250

11) A/D voltage 7, Free

12) SPAR voltage, Unavailable

13) SPAR voltage, **SPAR/Surface Irradiance**

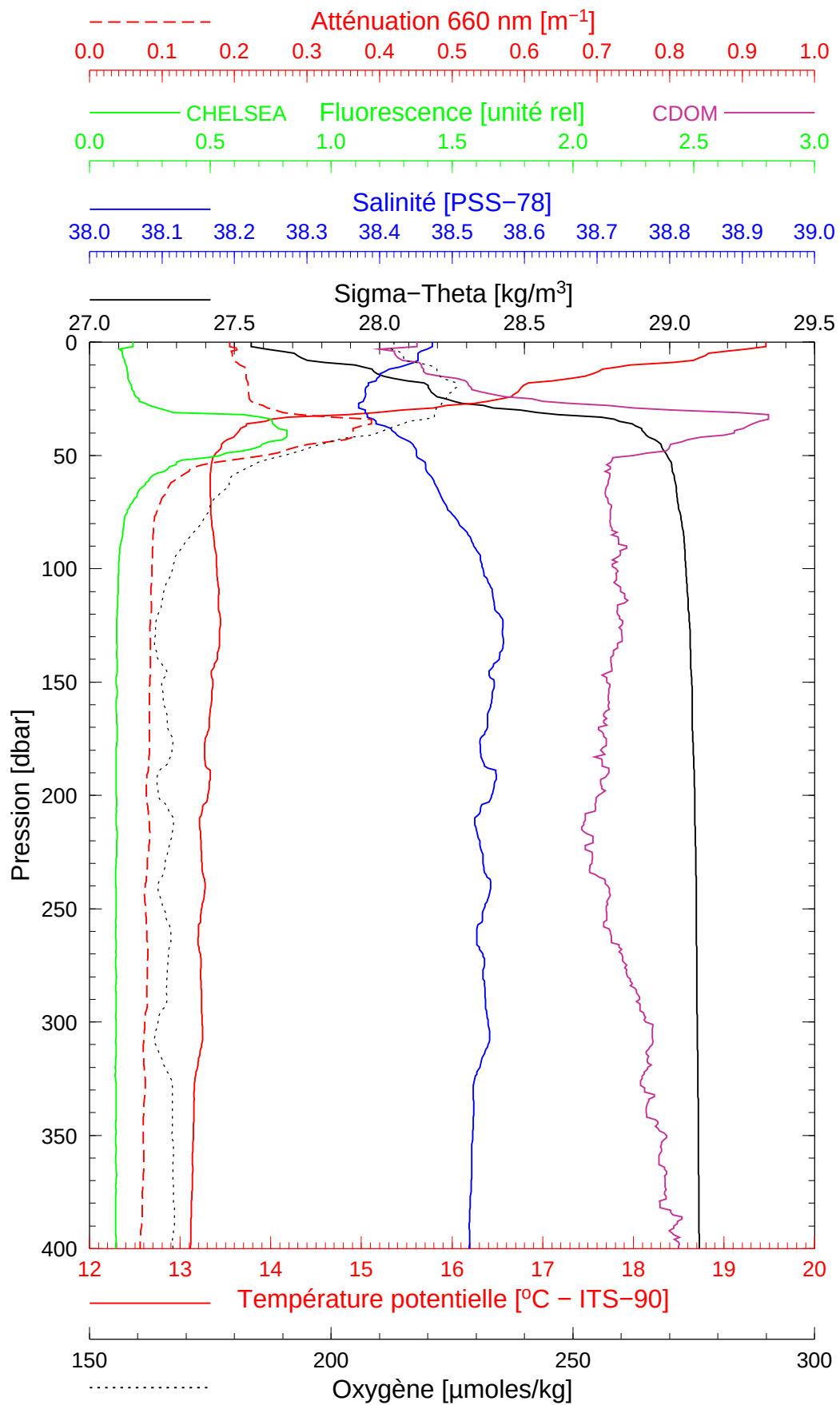
Serial number : **6326**
Calibrated on : 24-fev-95
Conversion factor : 753.25000000
Ratio multiplier : 1.00000000

Boussole 54

11/06/2006

BOUS060611_01

BOUS001



Date 11/06/2006
Heure déb 10h 58min [TU]

Latitude 43°22.082 N
Longitude 07°53.938 E

Boussole 54

11/06/2006

BOUS060611_02

BOUS002



Date 11/06/2006
Heure déb 19h 27min [TU]

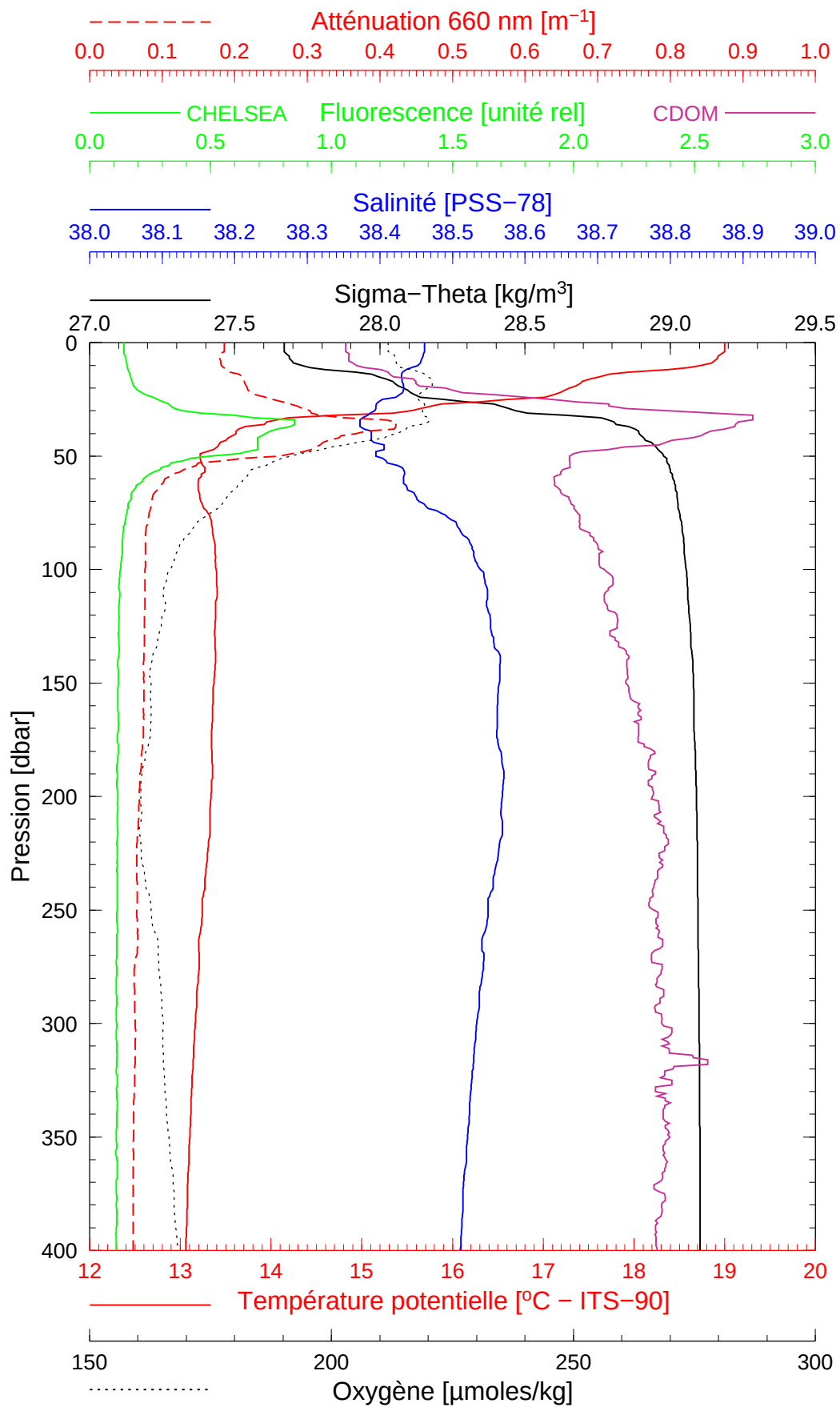
Latitude 43°22.123 N
Longitude 07°53.938 E

Boussole 54

12/06/2006

BOUS060612_01

BOUS003



Date 12/06/2006
Heure déb 08h 24min [TU]

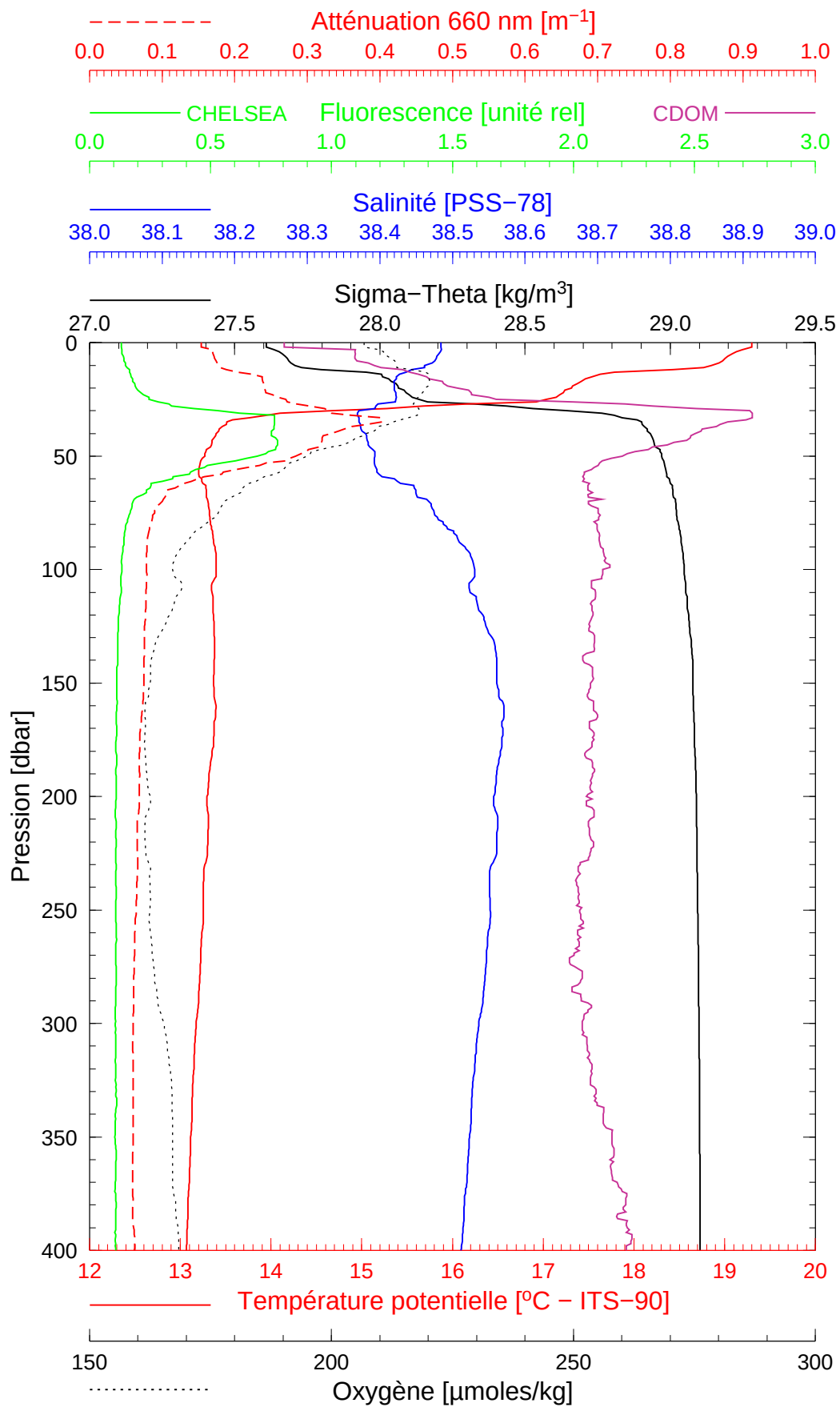
Latitude $43^{\circ}21.906\text{ N}$
Longitude $07^{\circ}53.822\text{ E}$

Boussole 54

12/06/2006

BOUS060612_02

BOUS004



Date 12/06/2006

Latitude 43°21.800 N

Heure déb 14h 20min [TU]

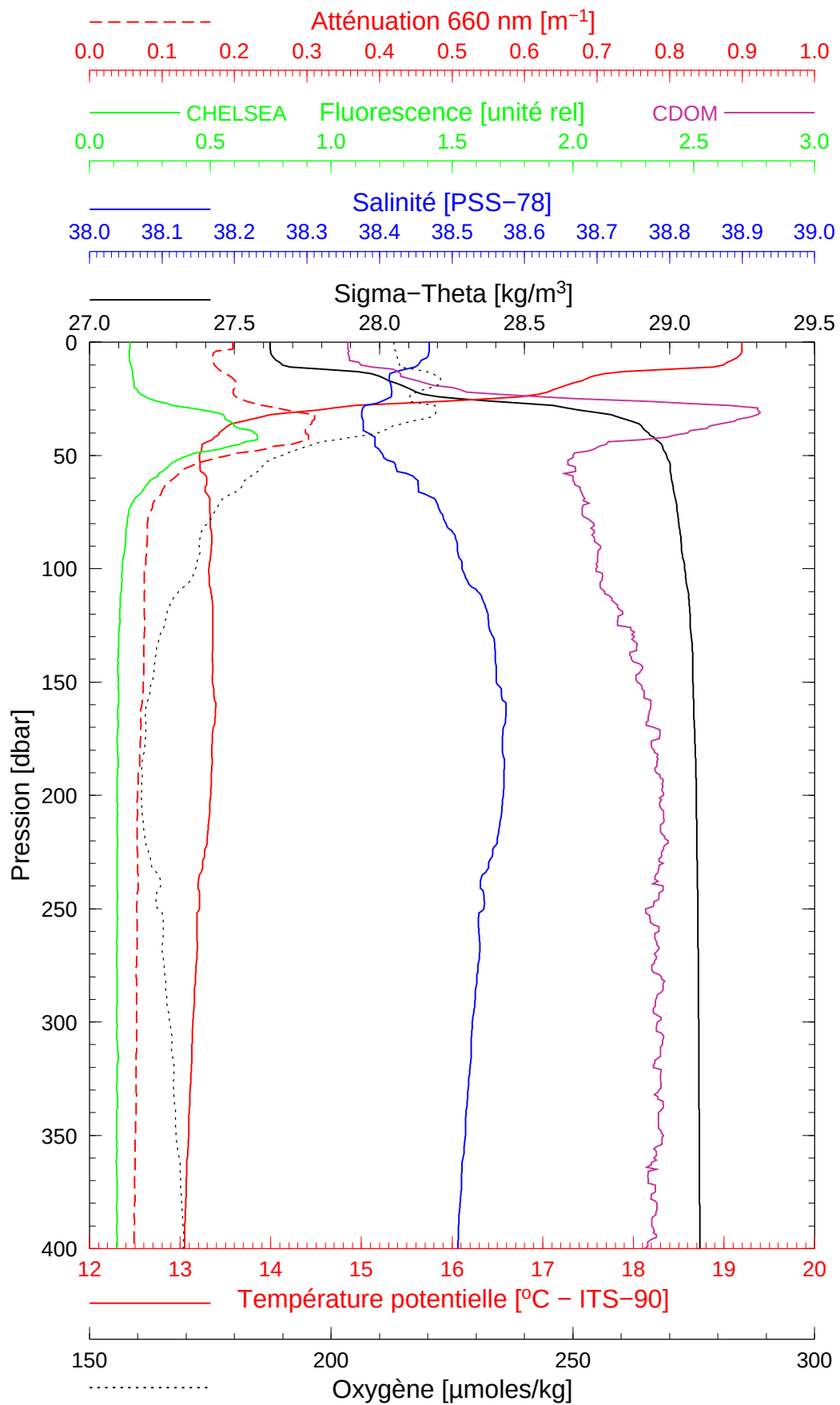
Longitude 07°53.987 E

Boussole 54

13/06/2006

BOUS060613_01

BOUS005



Date 13/06/2006
Heure déb 05h 03min [TUJ]

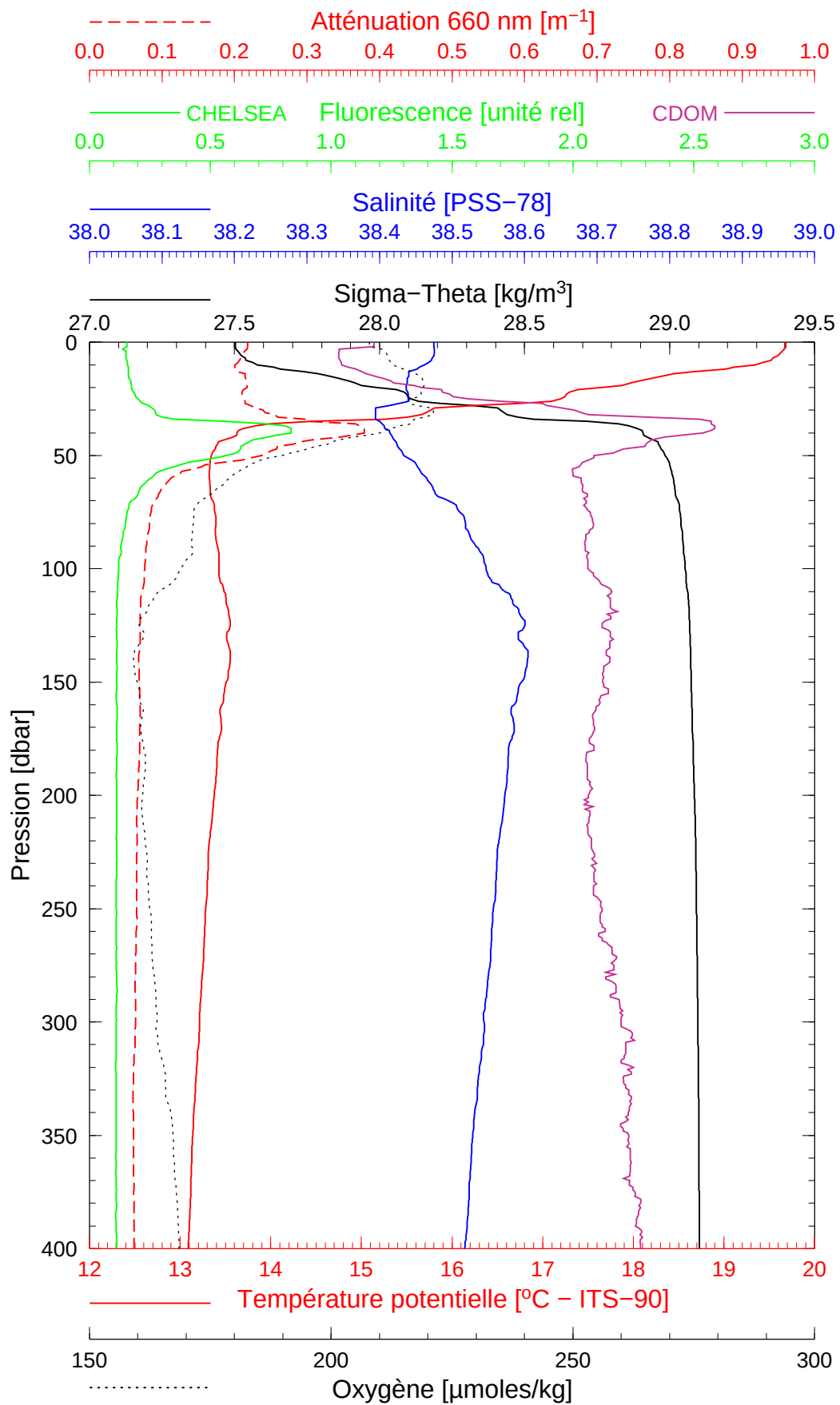
Latitude 43°21.841 N
Longitude 07°53.813 E

Boussole 54

13/06/2006

BOUS060613_02

BOUS006



Date 13/06/2006
Heure déb 08h 12min [TU]

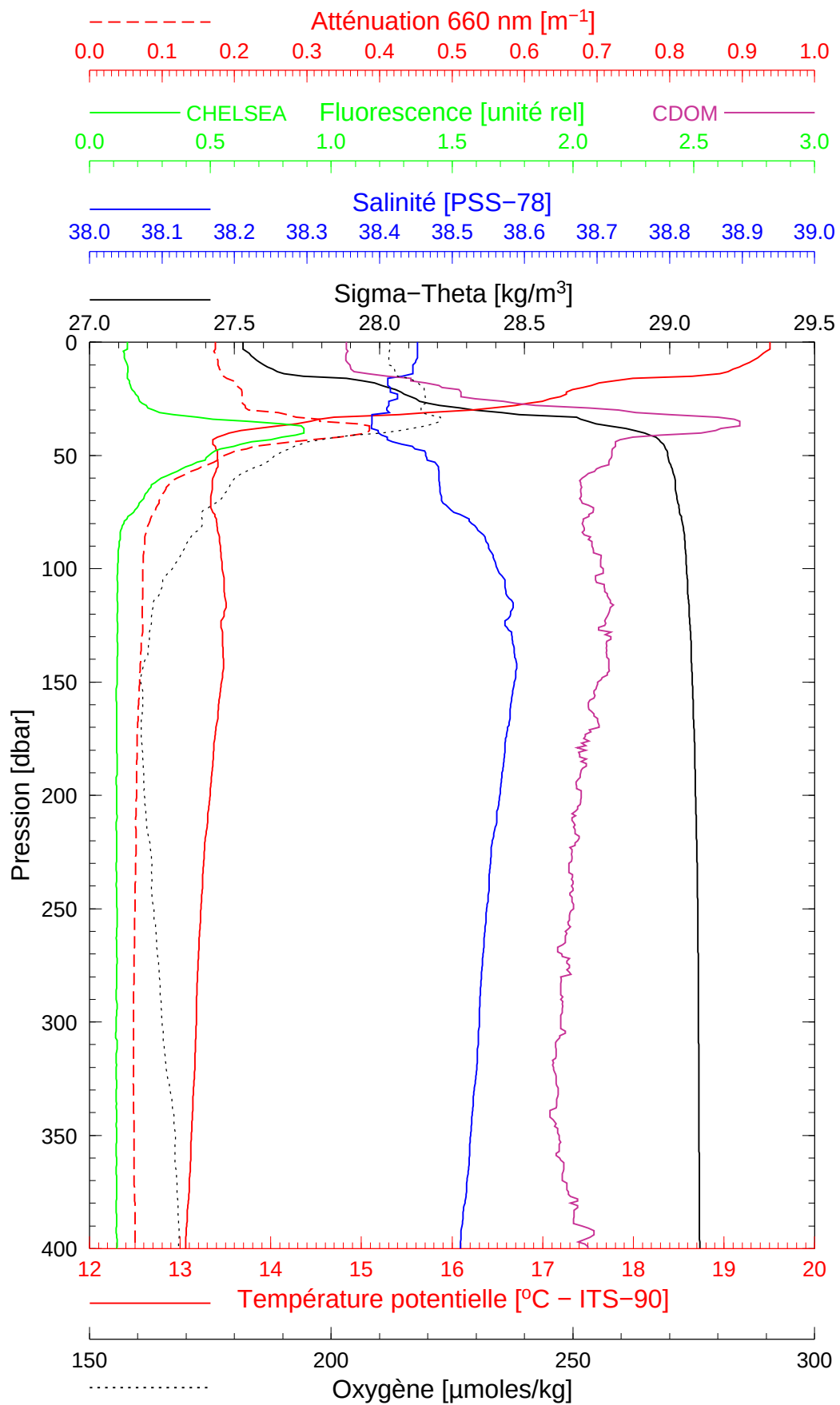
Latitude 43°24.998 N
Longitude 07°47.936 E

Boussole 54

13/06/2006

BOUS060613_03

BOUS007



Date 13/06/2006
Heure déb 09h 15min [TU]

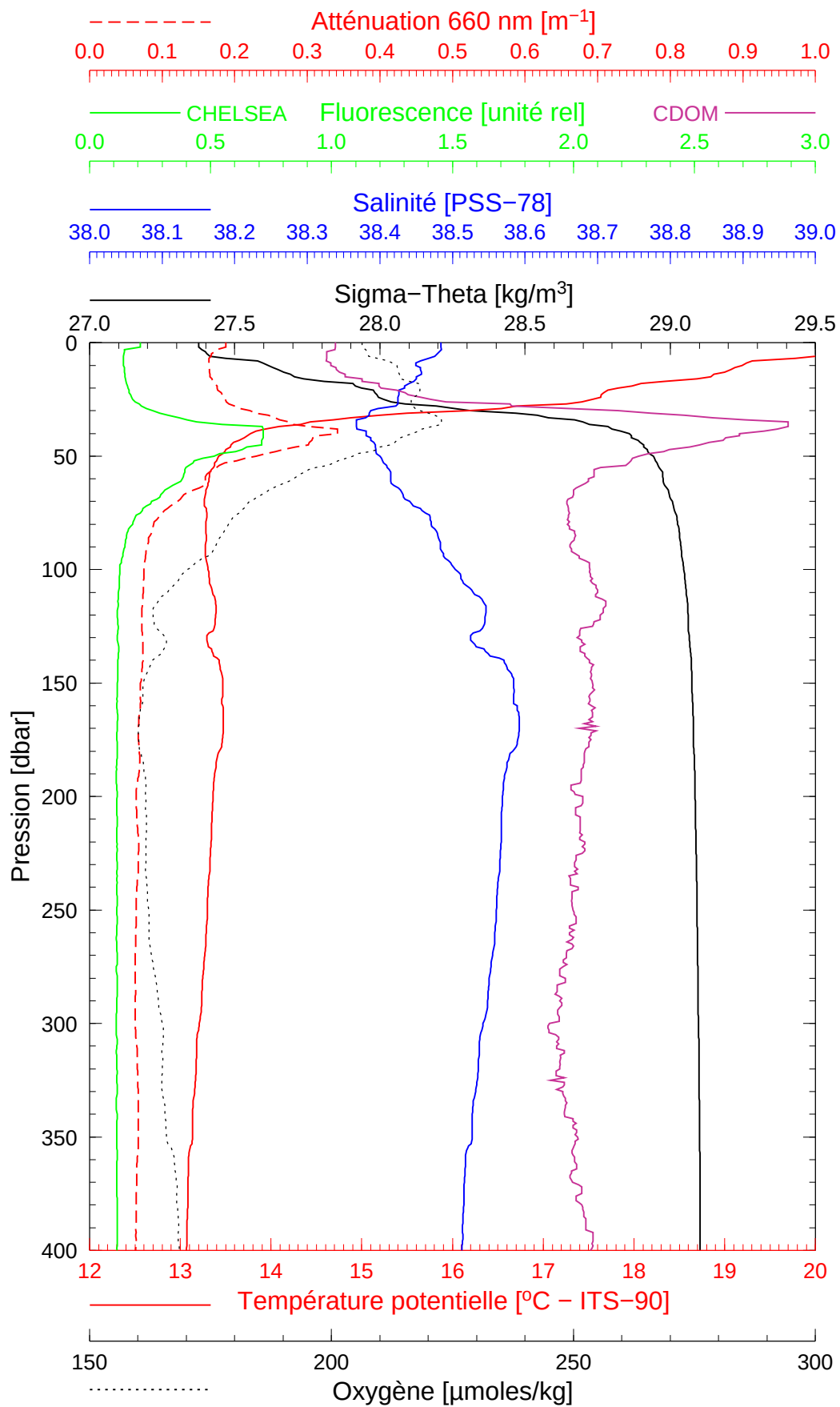
Latitude $43^{\circ}27.969\text{ N}$
Longitude $07^{\circ}42.464\text{ E}$

Boussole 54

13/06/2006

BOUS060613_04

BOUS008



Date 13/06/2006
Heure déb 10h 23min [TU]

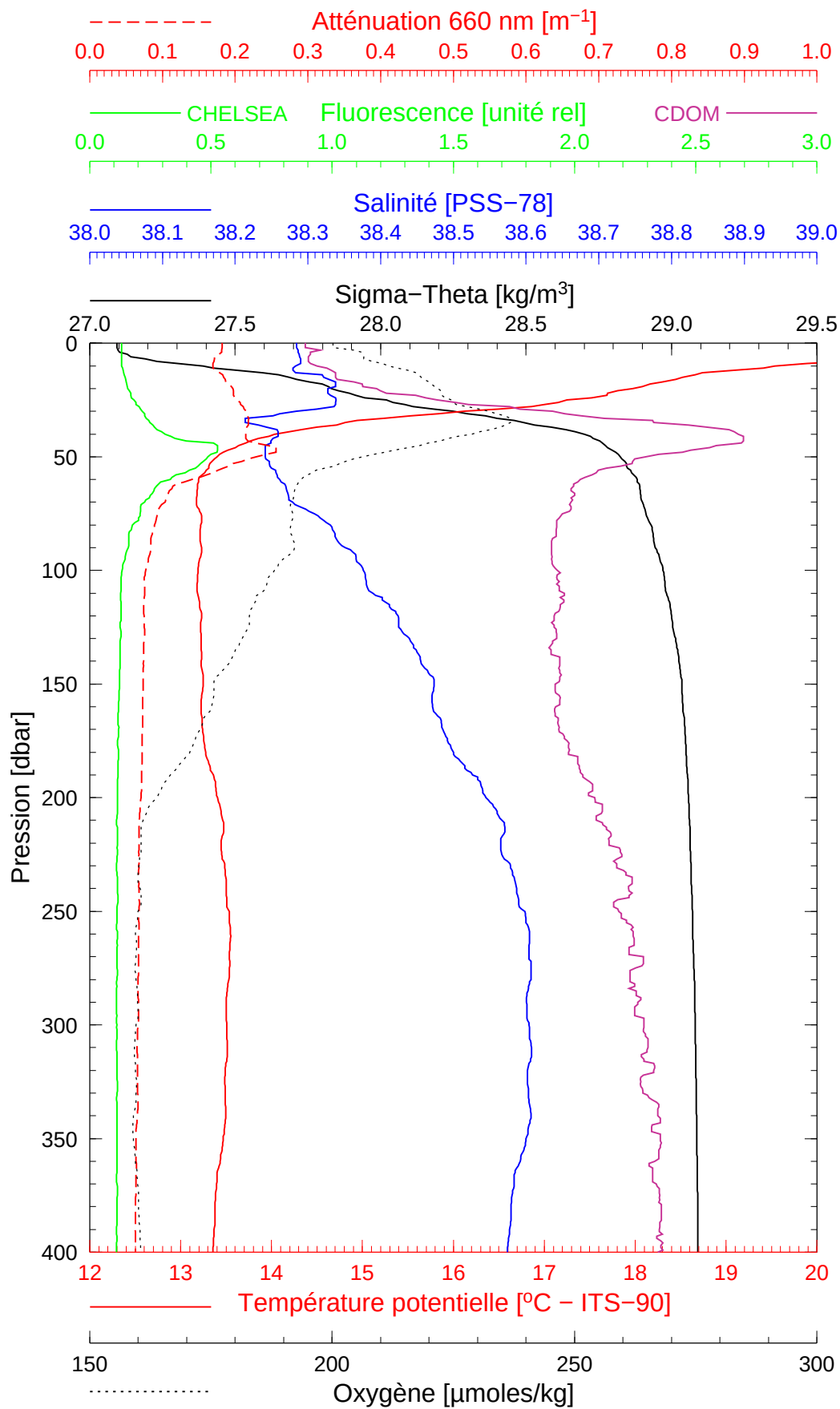
Latitude $43^{\circ}31.002\text{ N}$
Longitude $07^{\circ}36.886\text{ E}$

Boussole 54

13/06/2006

BOUS060613_05

BOUS009



Date 13/06/2006
Heure déb 11h 24min [TU]

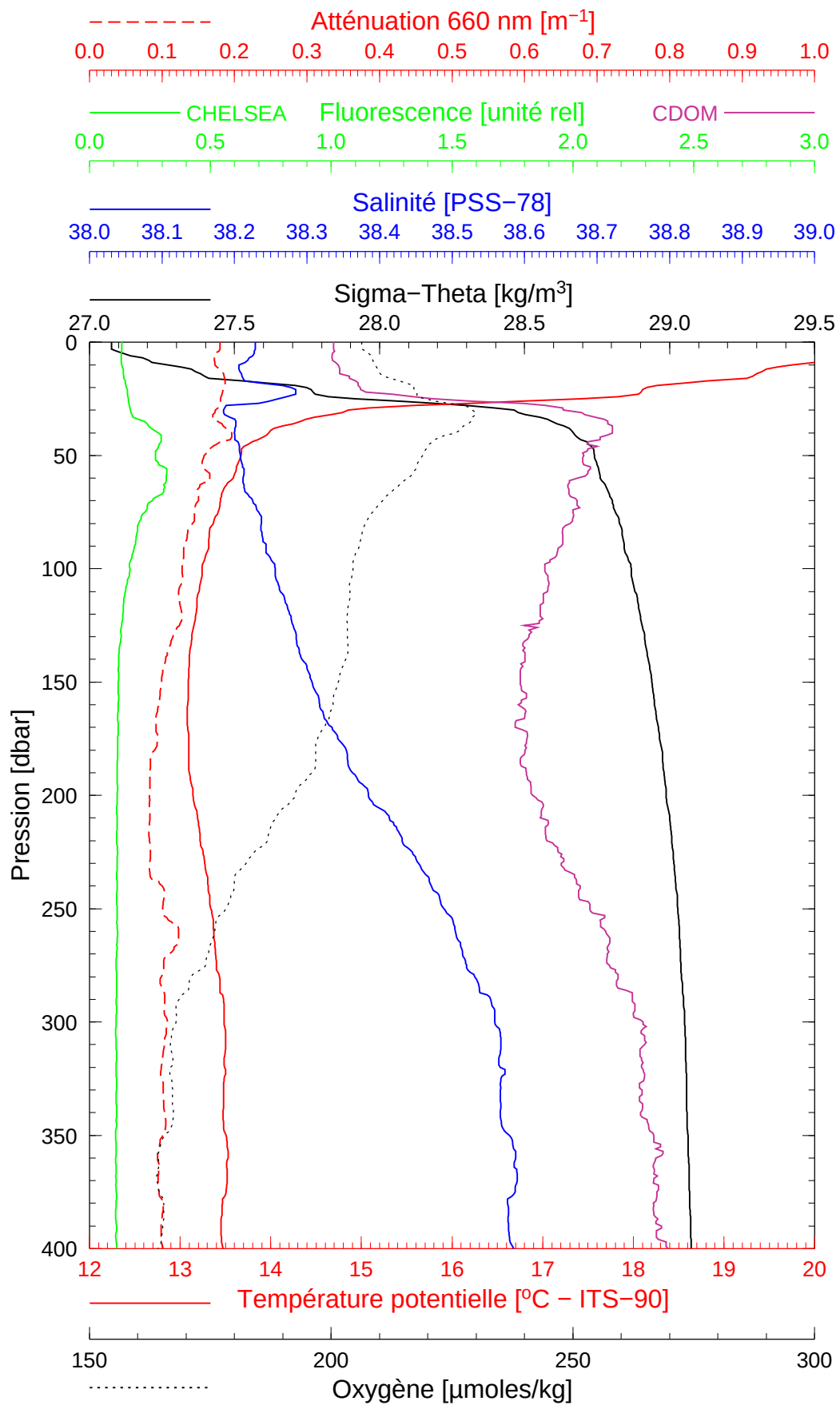
Latitude 43°33.953 N
Longitude 07°30.924 E

Boussole 54

13/06/2006

BOUS060613_06

BOUS010



Date 13/06/2006
Heure déb 12h 27min [TU]

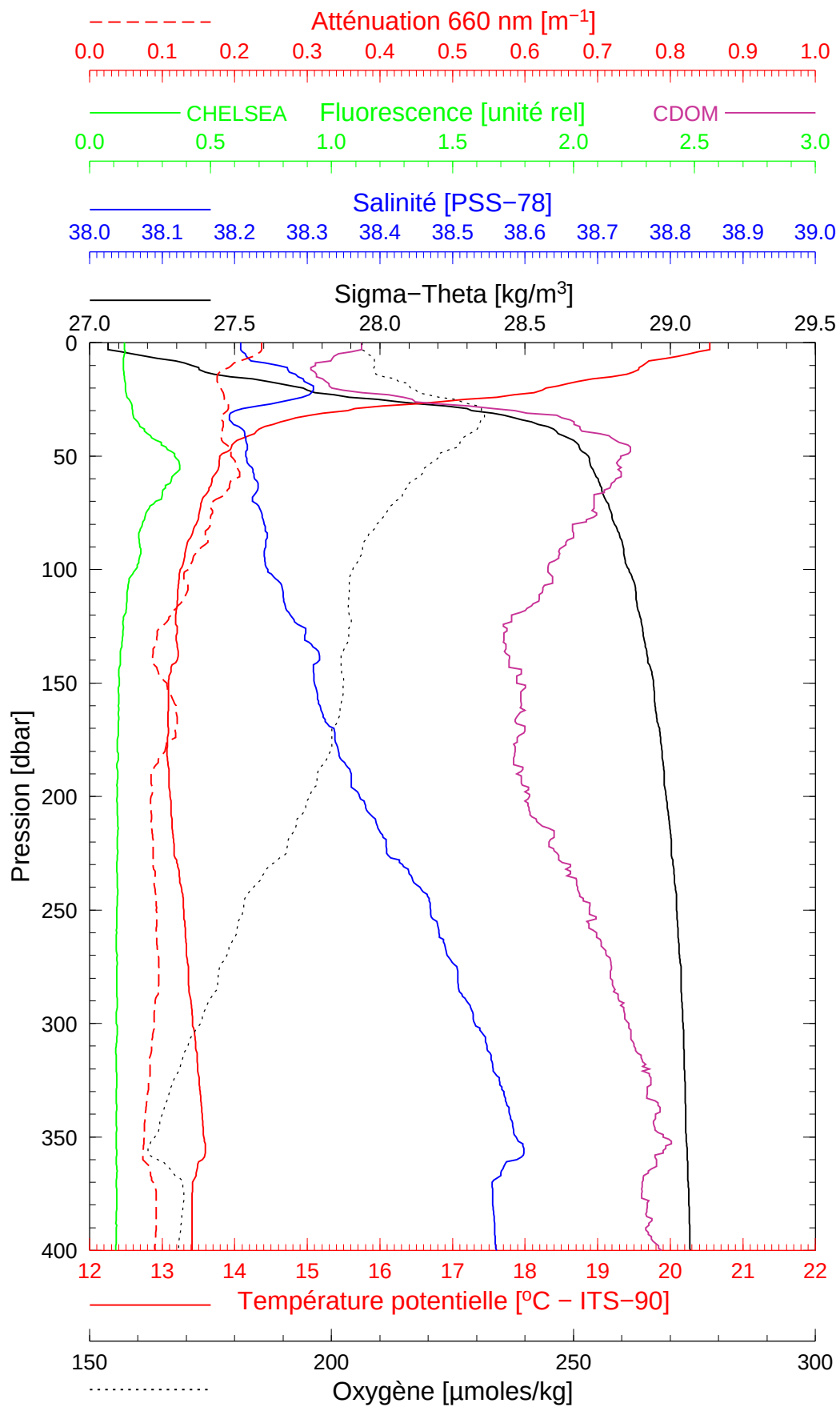
Latitude 43°37.441 N
Longitude 07°24.926 E

Boussole 54

13/06/2006

BOUS060613_07

BOUS011



Date 13/06/2006
Heure déb 13h 18min [TU]

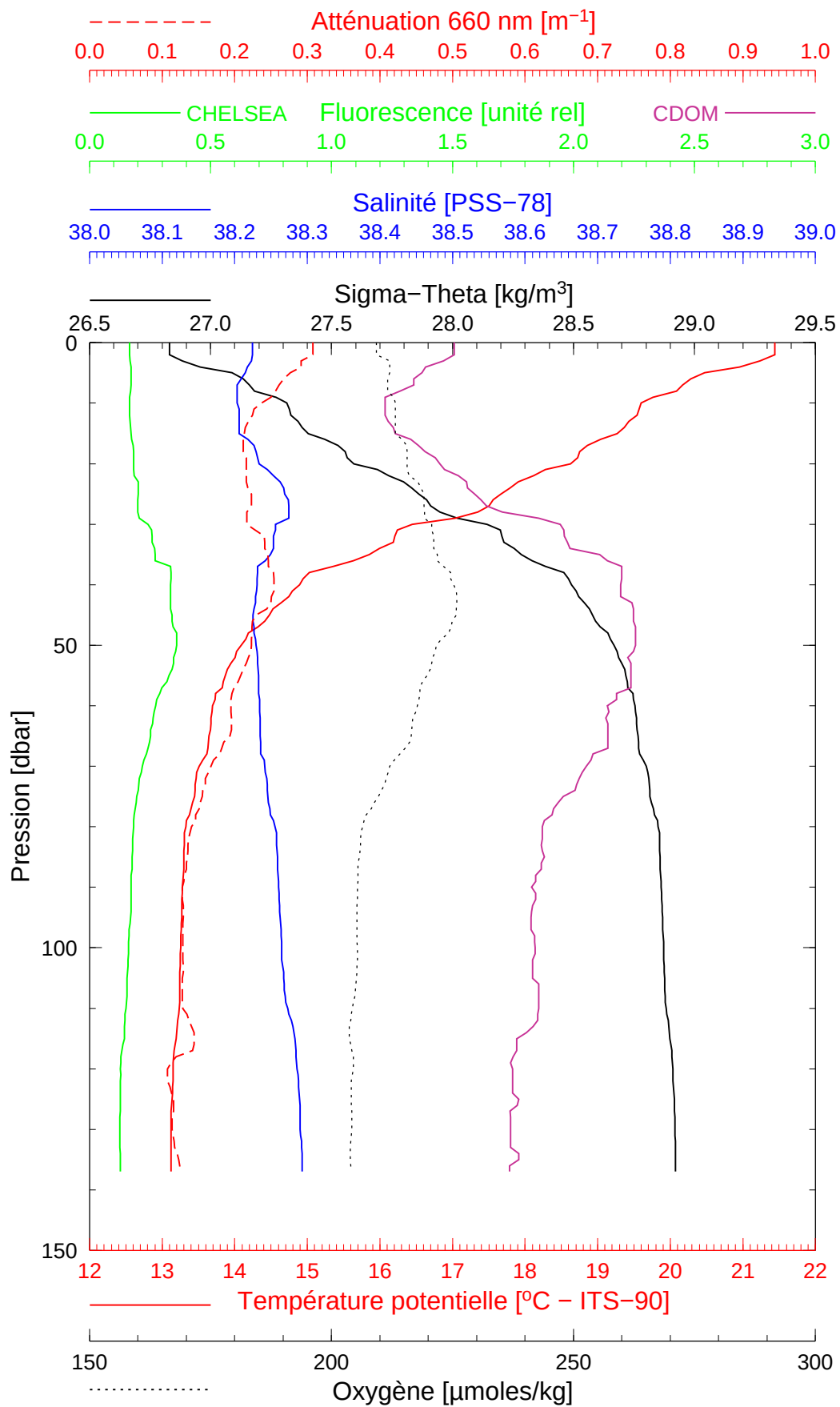
Latitude 43°38.844 N
Longitude 07°22.577 E

Boussole 54

13/06/2006

BOUS060613_08

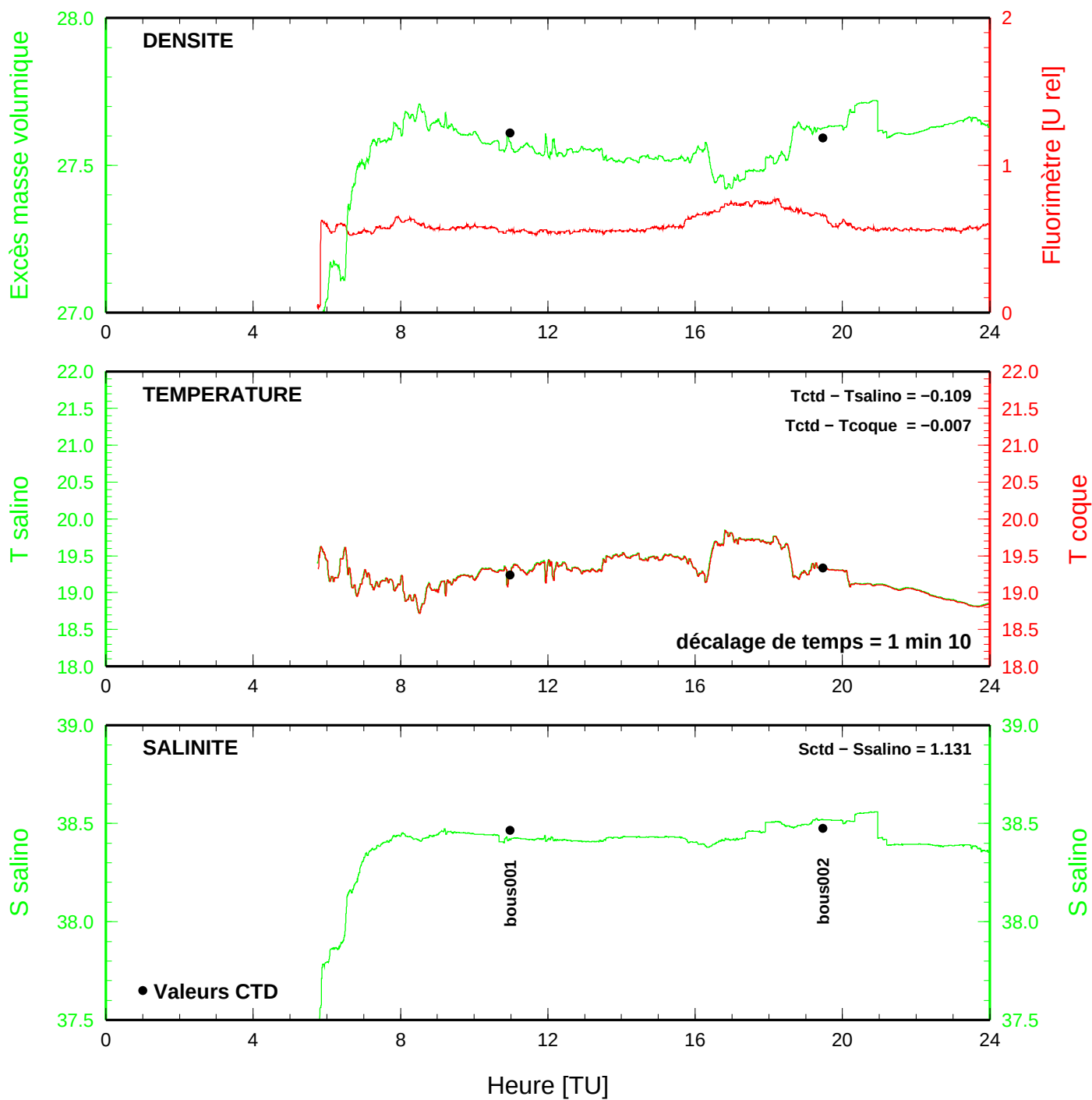
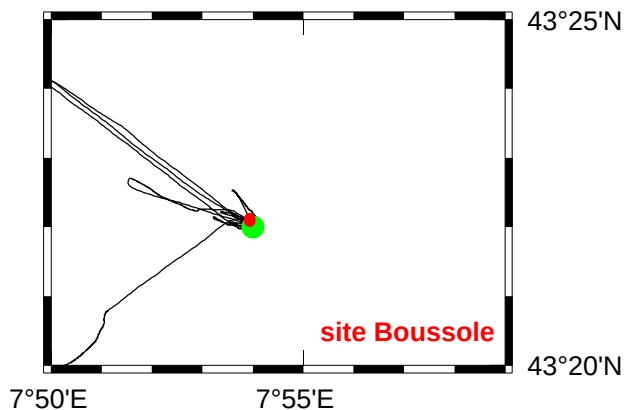
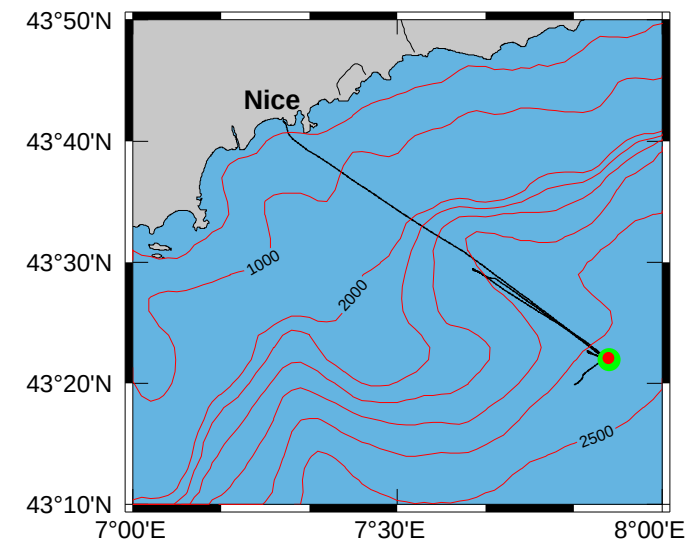
BOUS012 / Point B+



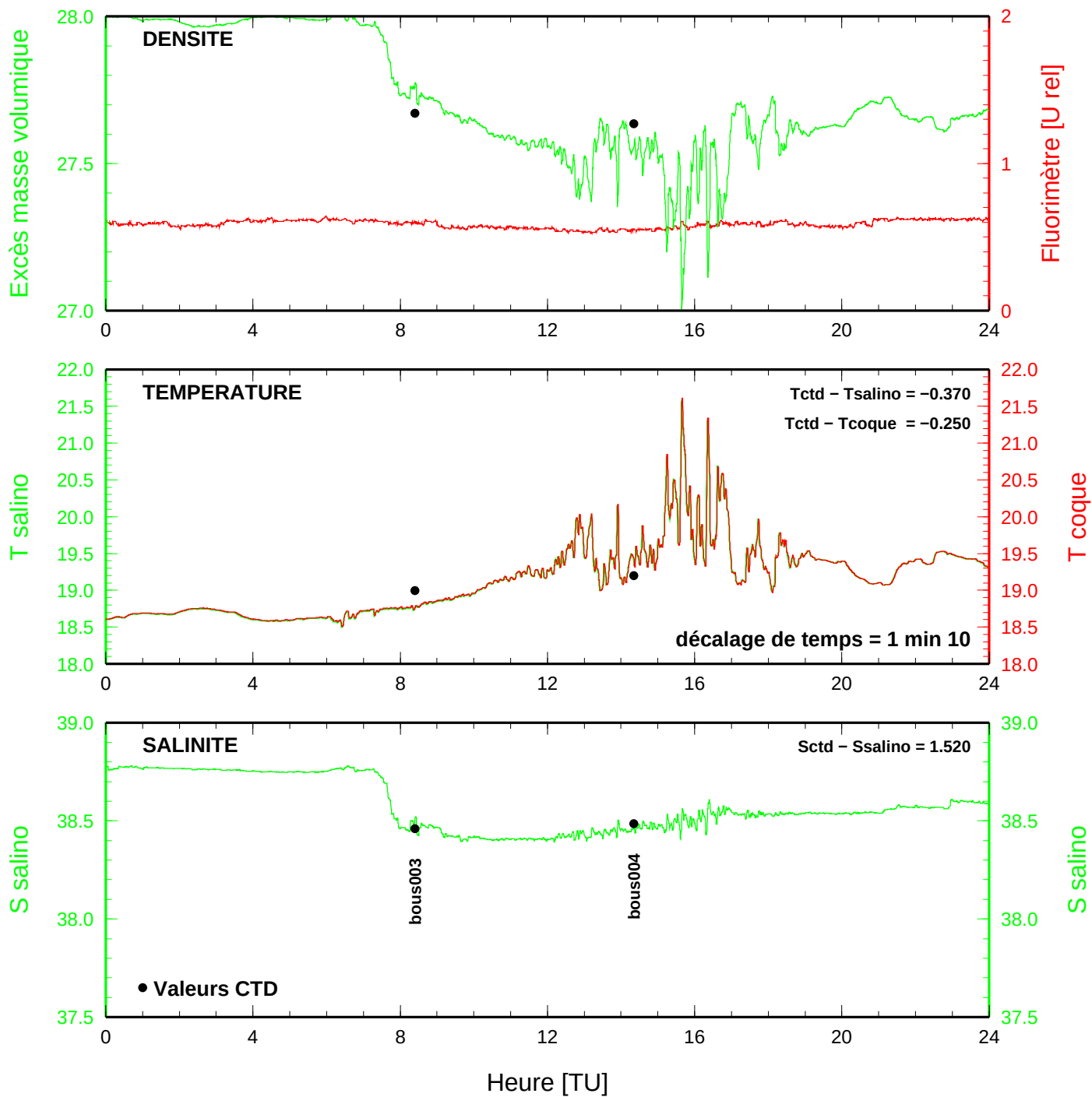
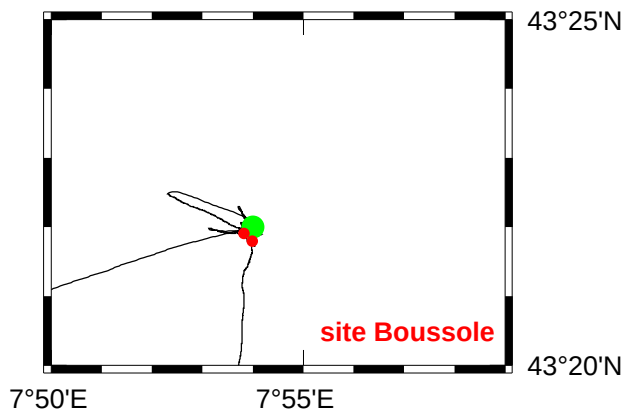
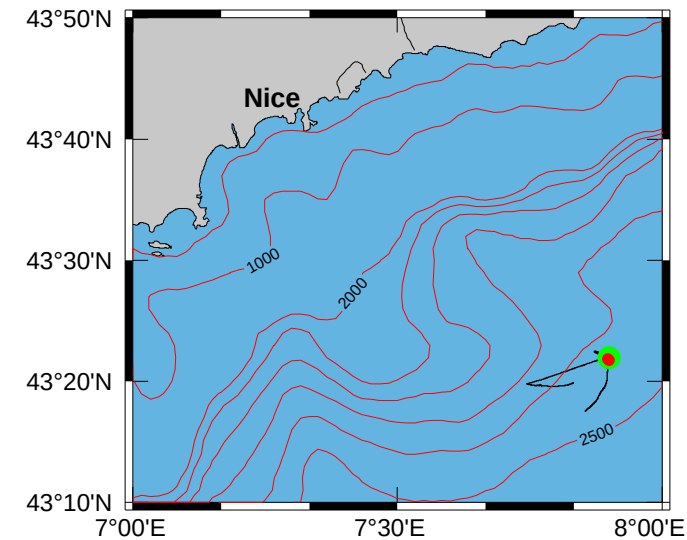
Date 13/06/2006
Heure déb 14h 01min [TU]

Latitude 43°40.969 N
Longitude 07°18.705 E

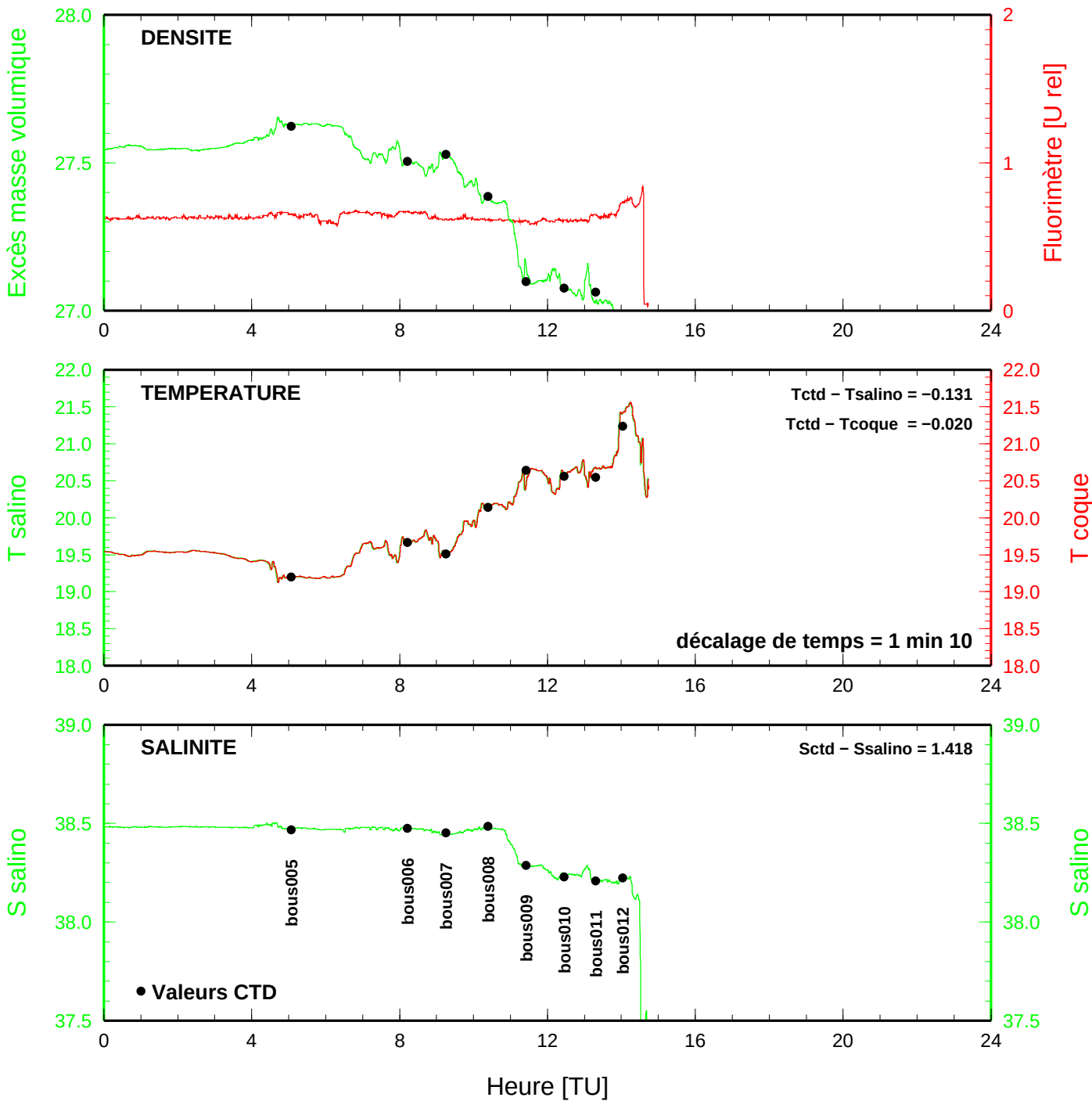
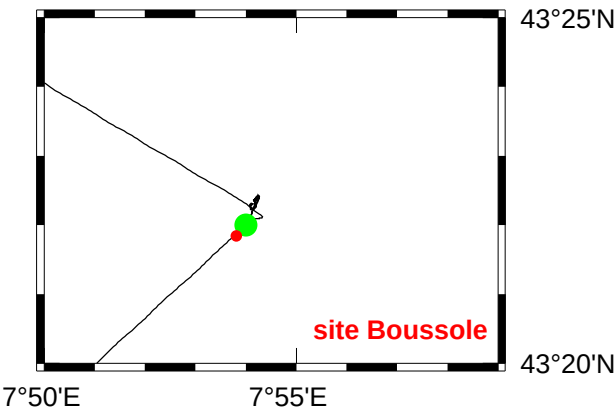
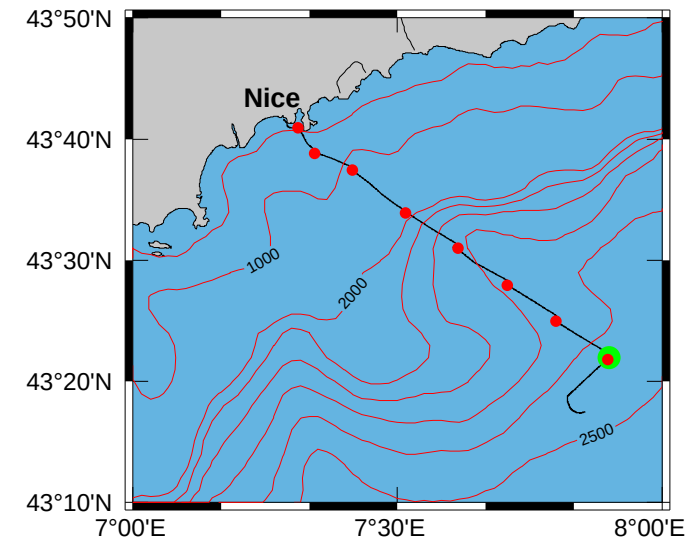
BOUSSOLE 54 11 juin 2006

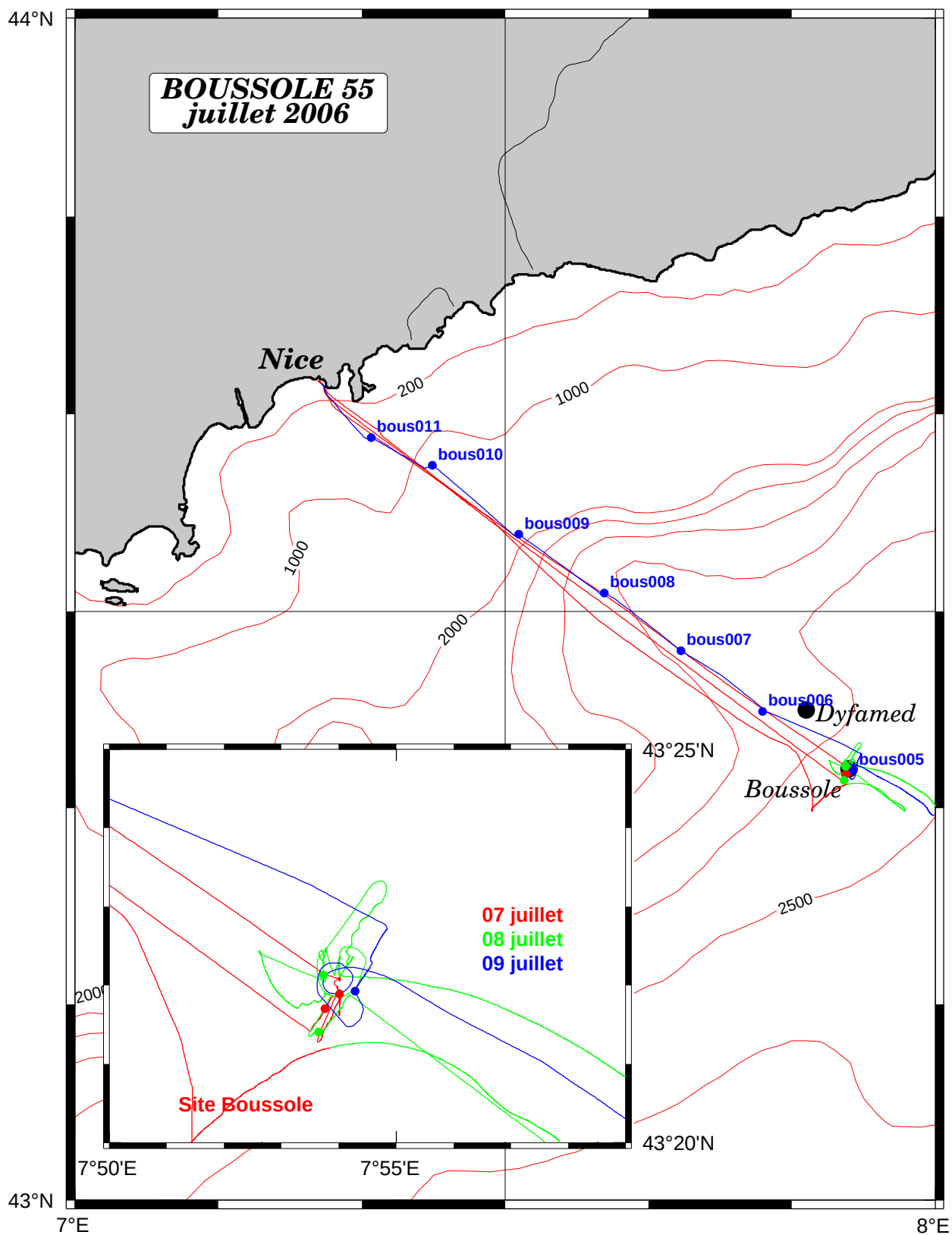


BOUSSOLE 54 12 juin 2006



BOUSSOLE 54 13 juin 2006





ASCII file: C:\boussole\juil2006\ctd\raw\calib.com

Configuration report for SBE 911/917 plus CTD

Frequency channels suppressed : 2
Voltage words suppressed : 0
Computer interface : RS-232C
Scans to average : 1
Surface PAR voltage added : Yes
NMEA position data added : No
Scan time added : No

1) Frequency 0, **Temperature**

Serial number : **1378**
Calibrated on : 11-Jan-06
G : 4.87144266e-003
H : 6.79438735e-004
I : 2.72042898e-005
J : 2.17814067e-006
F0 : 1000.000
Slope : 1.00000000
Offset : 0.0000

2) Frequency 1, **Conductivity**

Serial number : **2929**
Calibrated on : 10-Jan-06
G : -1.06099003e+001
H : 1.42248392e+000
I : 2.00064186e-005
J : 6.17534200e-005
CTcor : 3.2500e-006
CPcor : -9.57000000e-008
Slope : 1.00000000
Offset : 0.00000

3) Frequency 2, **Pressure, Digiquartz with TC**

Serial number : **53981**
Calibrated on : 11-Jan-95
C1 : -4.499337e+004
C2 : 4.543683e-001
C3 : 1.505020e-002
D1 : 3.936600e-002
D2 : 0.000000e+000
T1 : 3.004660e+001
T2 : -1.897714e-004
T3 : 4.727060e-006
T4 : 1.923520e-009
T5 : 0.000000e+000
Slope : 0.99985000
Offset : 0.11430
AD590M : 1.138000e-002
AD590B : -8.189160e+000

4) A/D voltage 0, **Oxygen, SBE 43**

Serial number : 0587
Calibrated on : 10-Jan-04
Soc : 3.5840e-001
Boc : 0.0000
Offset : -0.4782
Tcor : 0.0012
Pcor : 1.35e-004
Tau : 0.0

5) A/D voltage 1, Free

6) A/D voltage 2, **Fluorometer, Chelsea Aqua 3**

Serial number : **088193**
Calibrated on : 27-oct-97
VB : 0.165000
V1 : 1.933000
Vacetone : 0.250000
Scale factor : 1.000000
Slope : 1.000000
Offset : 0.000000

7) A/D voltage 3, Free

8) A/D voltage 4, **Fluorometer, Wetlab CDOM**

Serial number : 1095P
Calibrated on : 05-Dec-05
Vblank : 0.057
Scale factor : 66.500

9) A/D voltage 5, Free

10) A/D voltage 6, **Transmissometer, Wetlab CStar**

Serial number : **887DR**
Calibrated on : 13-Feb-06
M : 21.4500
B : -1.2870
Path length : 0.250

11) A/D voltage 7, Free

12) SPAR voltage, Unavailable

13) SPAR voltage, **SPAR/Surface Irradiance**

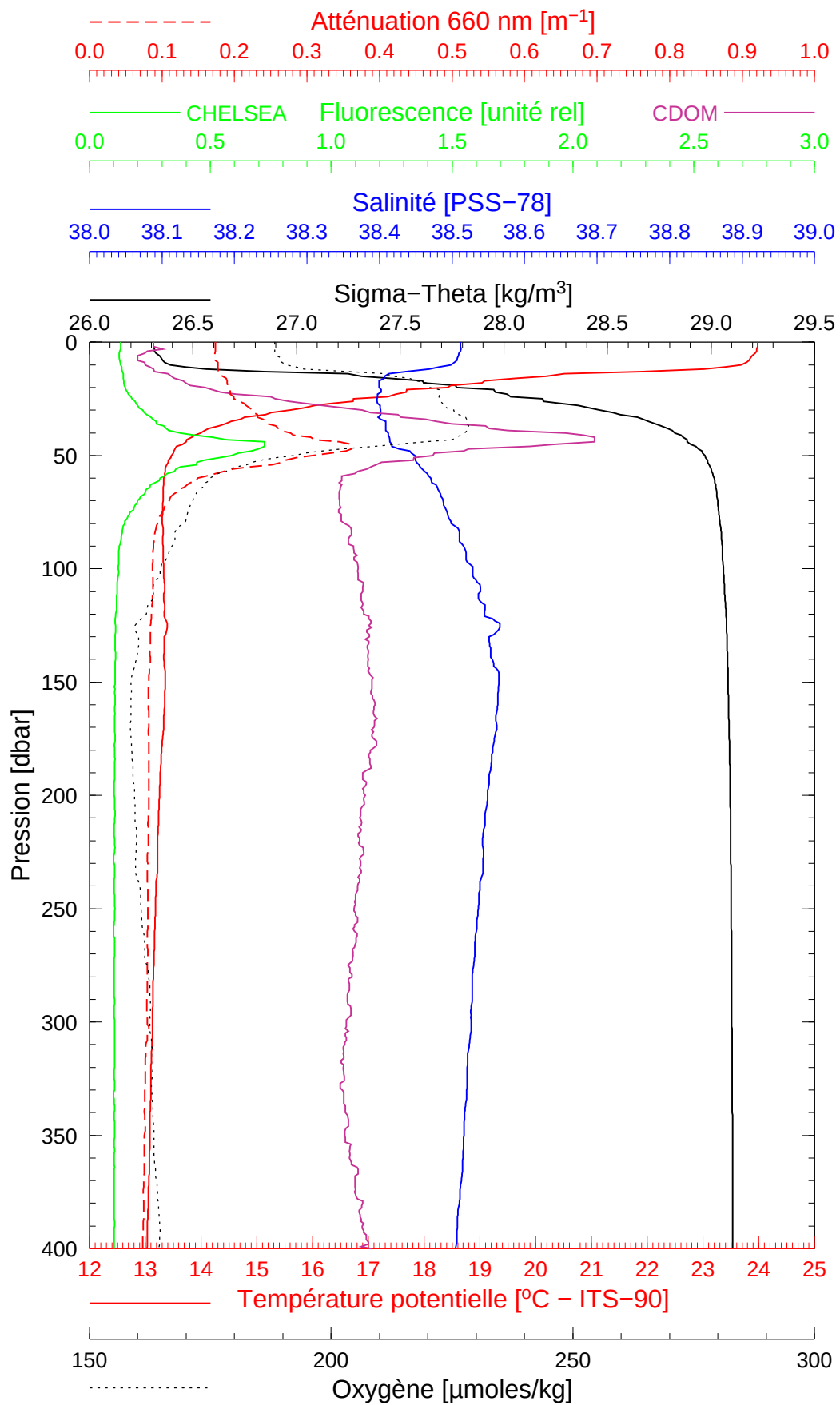
Serial number : **6326**
Calibrated on : 24-fev-95
Conversion factor : 753.25000000
Ratio multiplier : 1.00000000

Boussole 55

07/07/2006

BOUS060707_01

BOUS001



Date 07/07/2006
Heure déb 10h 05min [TU]

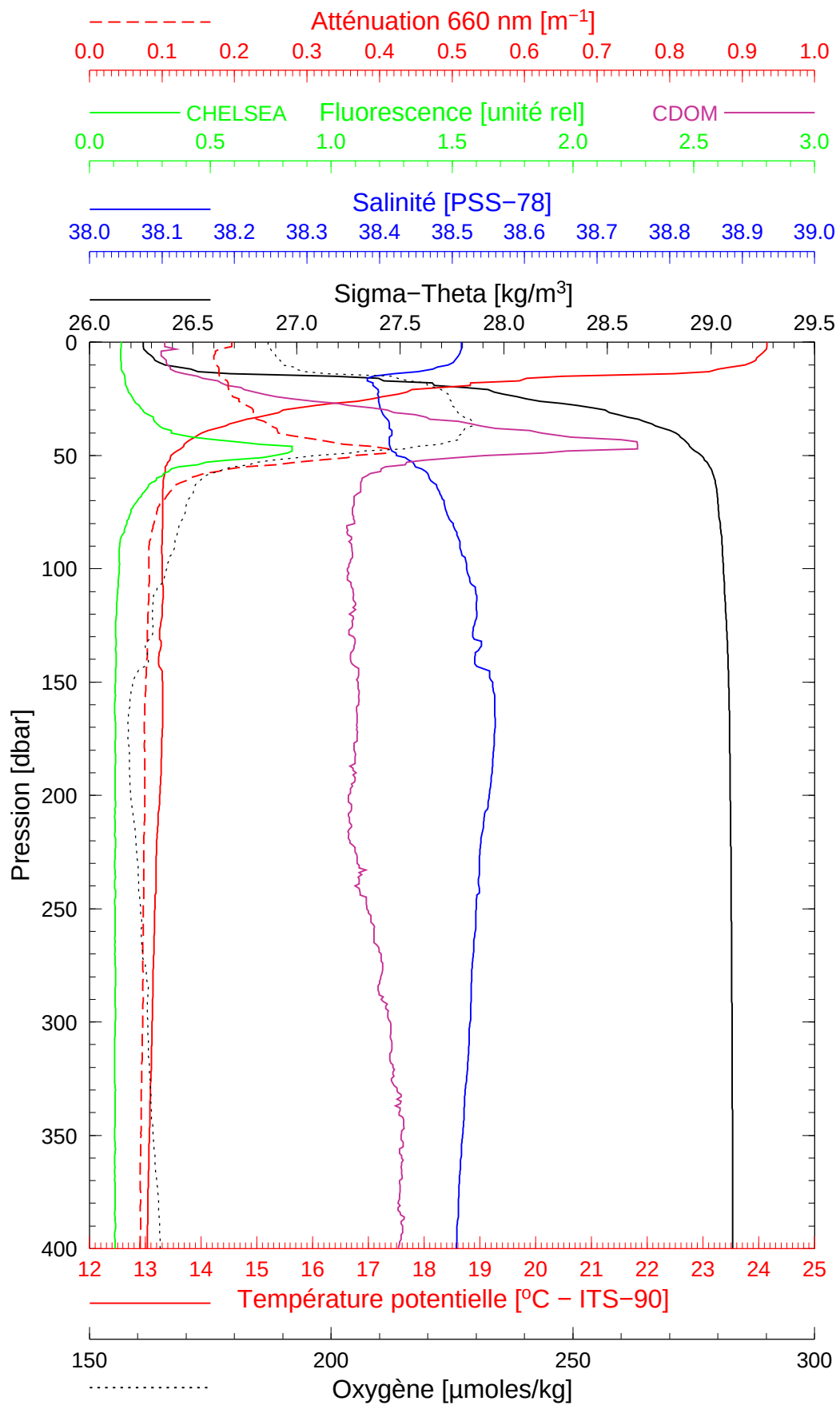
Latitude $43^{\circ}21.892\text{ N}$
Longitude $07^{\circ}54.009\text{ E}$

Boussole 55

07/07/2006

BOUS060707_02

BOUS002



Date 07/07/2006
Heure déb 12h 03min [TU]

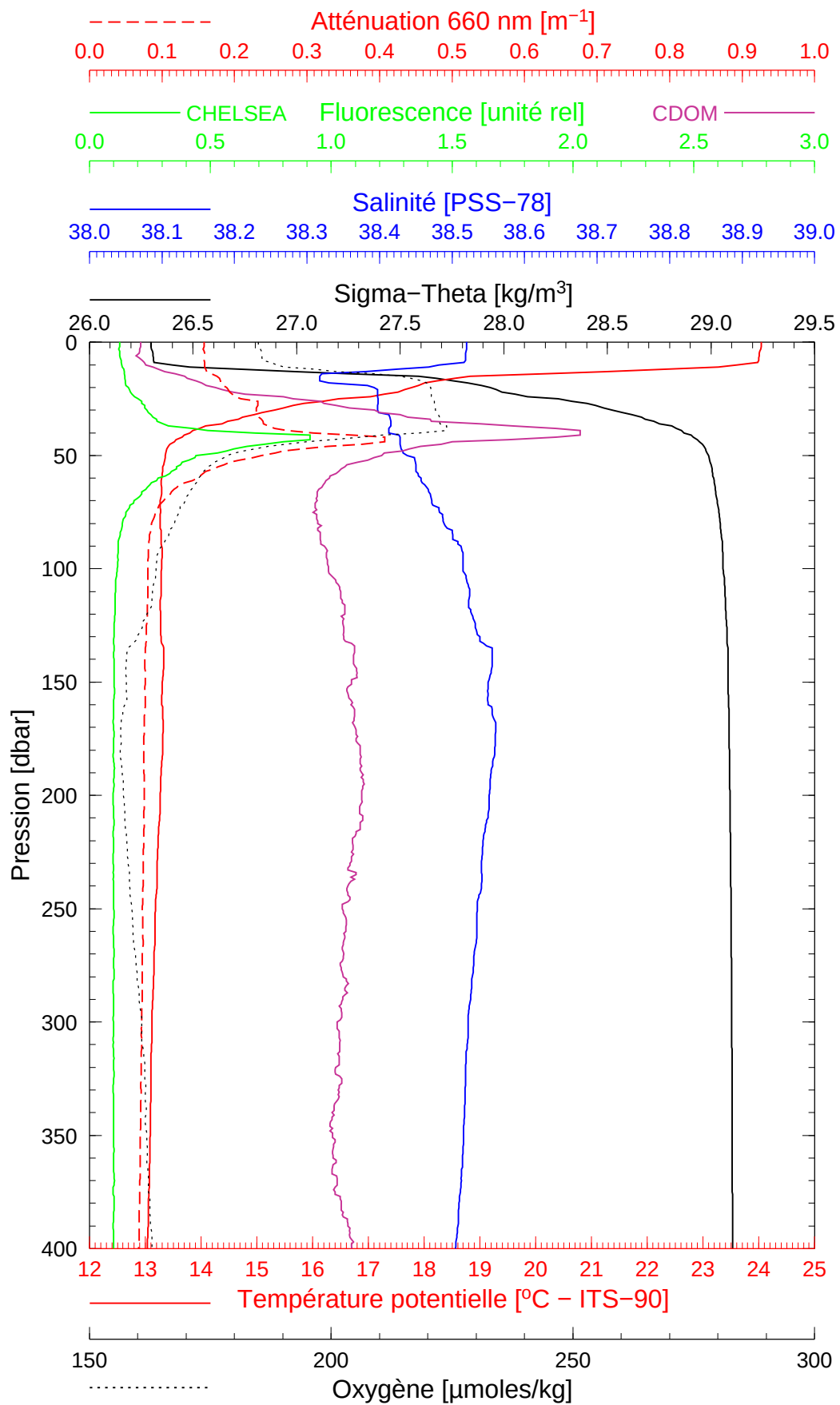
Latitude 43°21.705 N
Longitude 07°53.760 E

Boussole 55

08/07/2006

BOUS060708_01

BOUS003



Date 08/07/2006
Heure déb 07h 32min [TU]

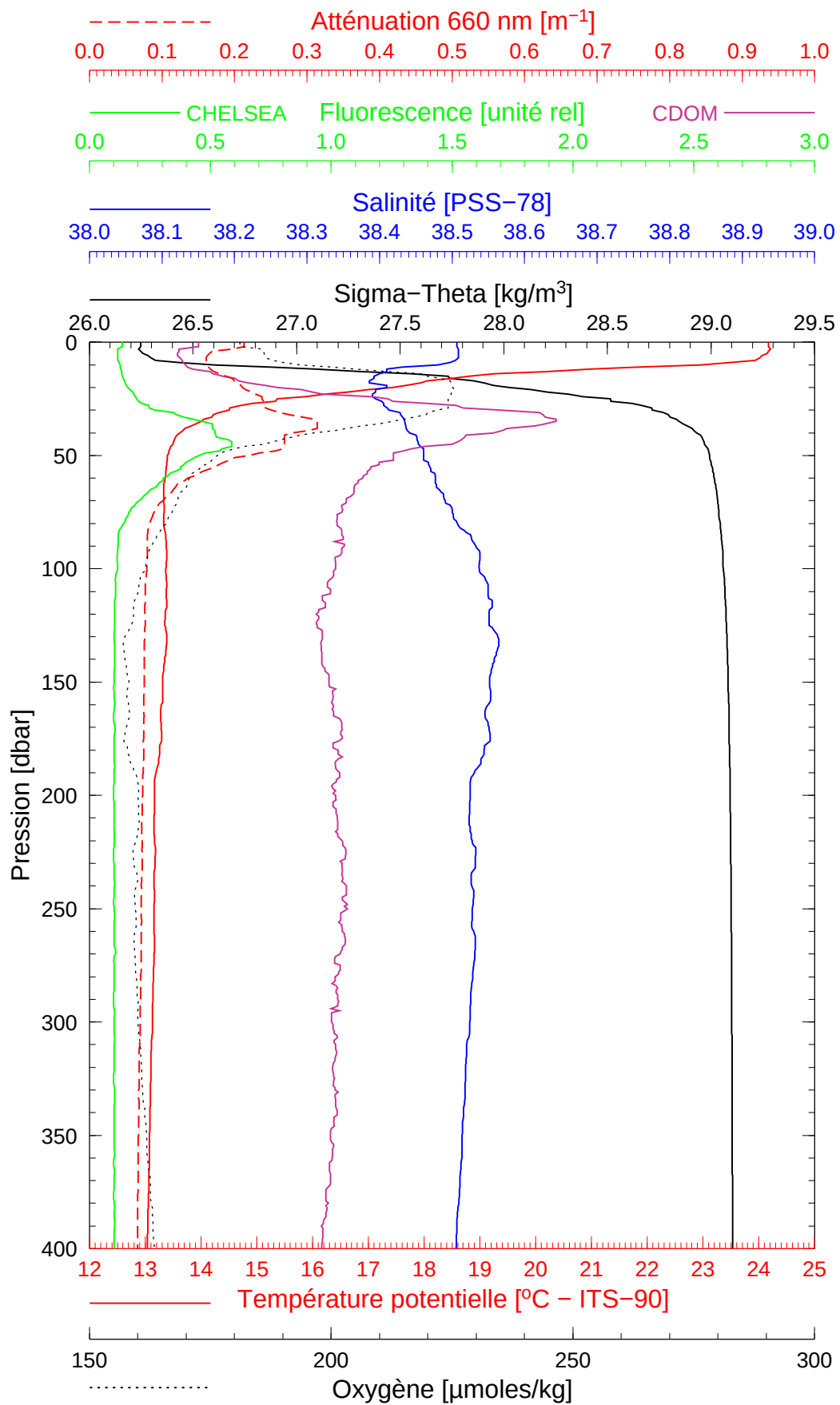
Latitude 43°21.407 N
Longitude 07°53.649 E

Boussole 55

08/07/2006

BOUS060708_02

BOUS004



Date 08/07/2006
Heure déb 11h 37min [TU]

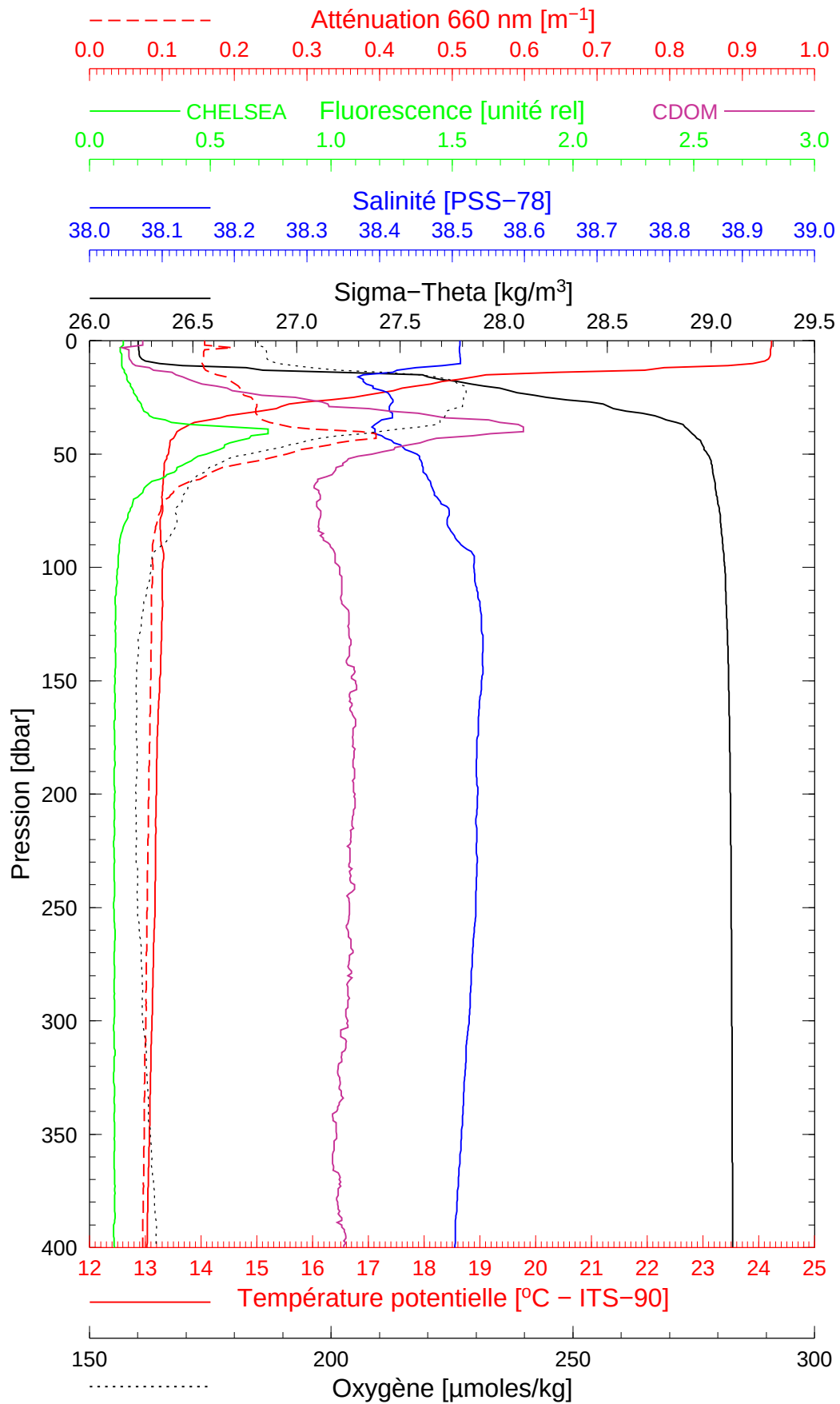
Latitude $43^{\circ}22.133$ N
Longitude $07^{\circ}53.738$ E

Boussole 55

09/07/2006

BOUS060709_01

BOUS005



Date 09/07/2006
Heure déb 06h 05min [TU]

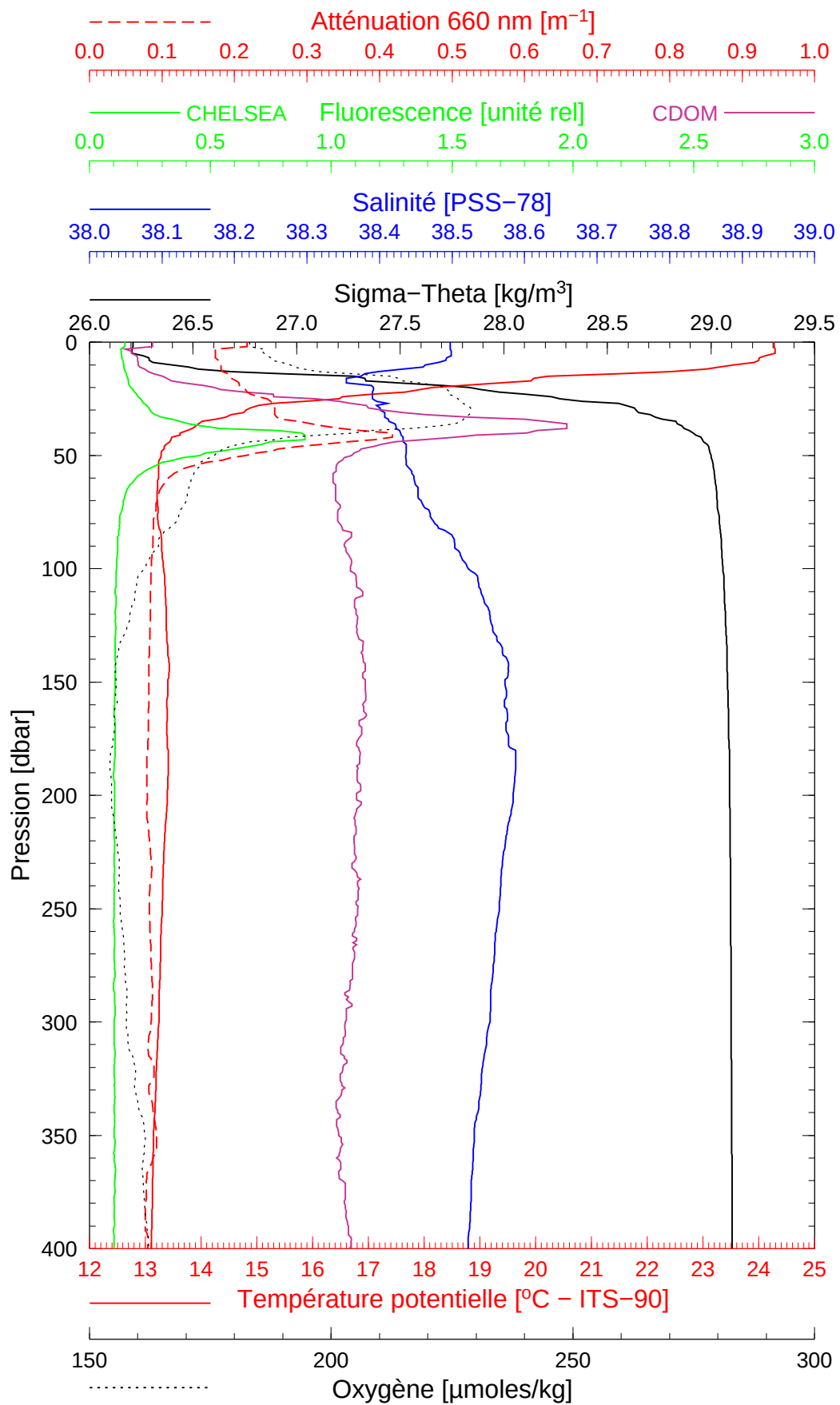
Latitude 43°21.930 N
Longitude 07°54.287 E

Boussole 55

09/07/2006

BOUS060709_02

BOUS006



Date 09/07/2006
Heure déb 08h 40min [TU]

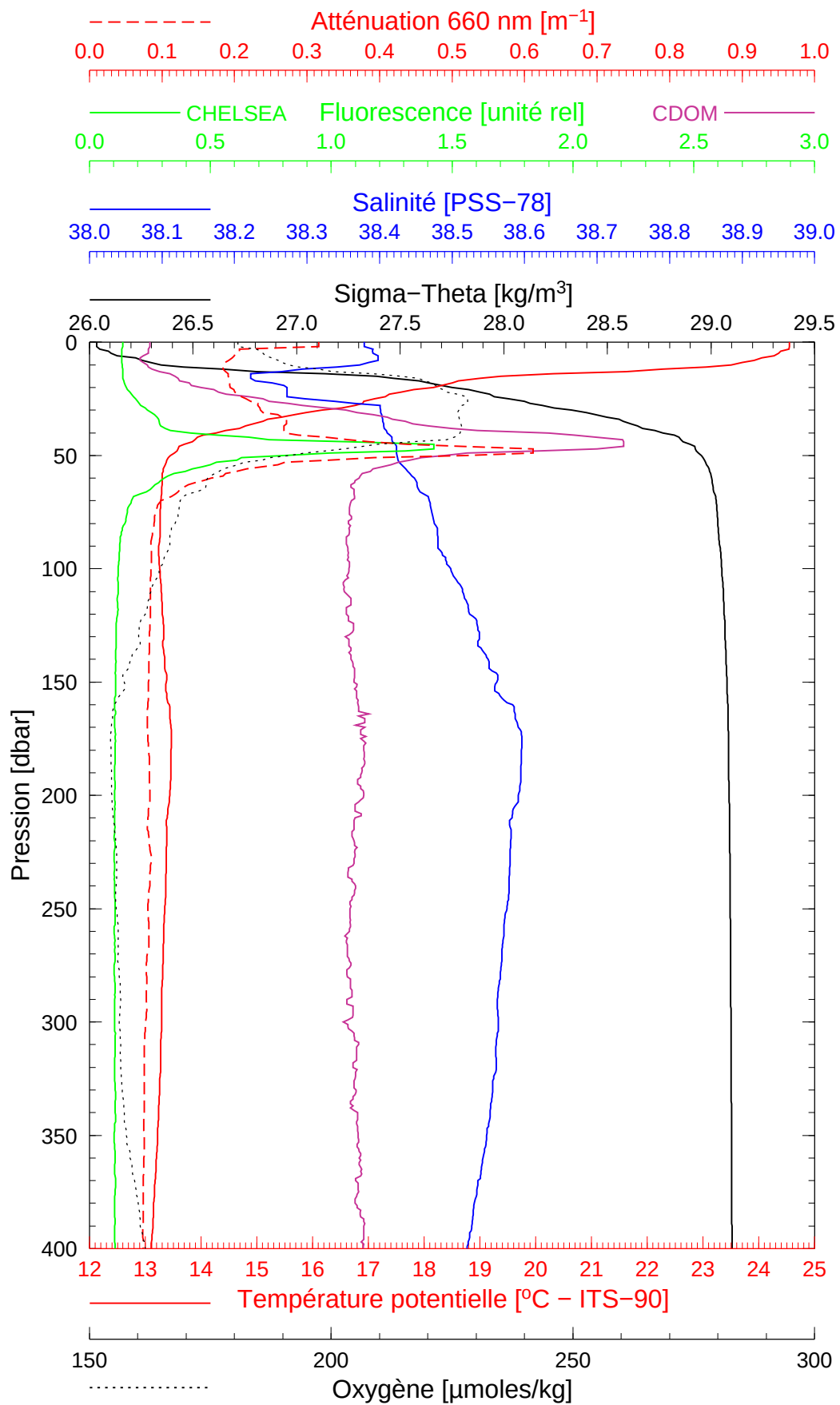
Latitude 43°24.932 N
Longitude 07°47.950 E

Boussole 55

09/07/2006

BOUS060709_03

BOUS007



Date 09/07/2006

Latitude 43°27.996 N

Heure déb 09h 44min [TU]

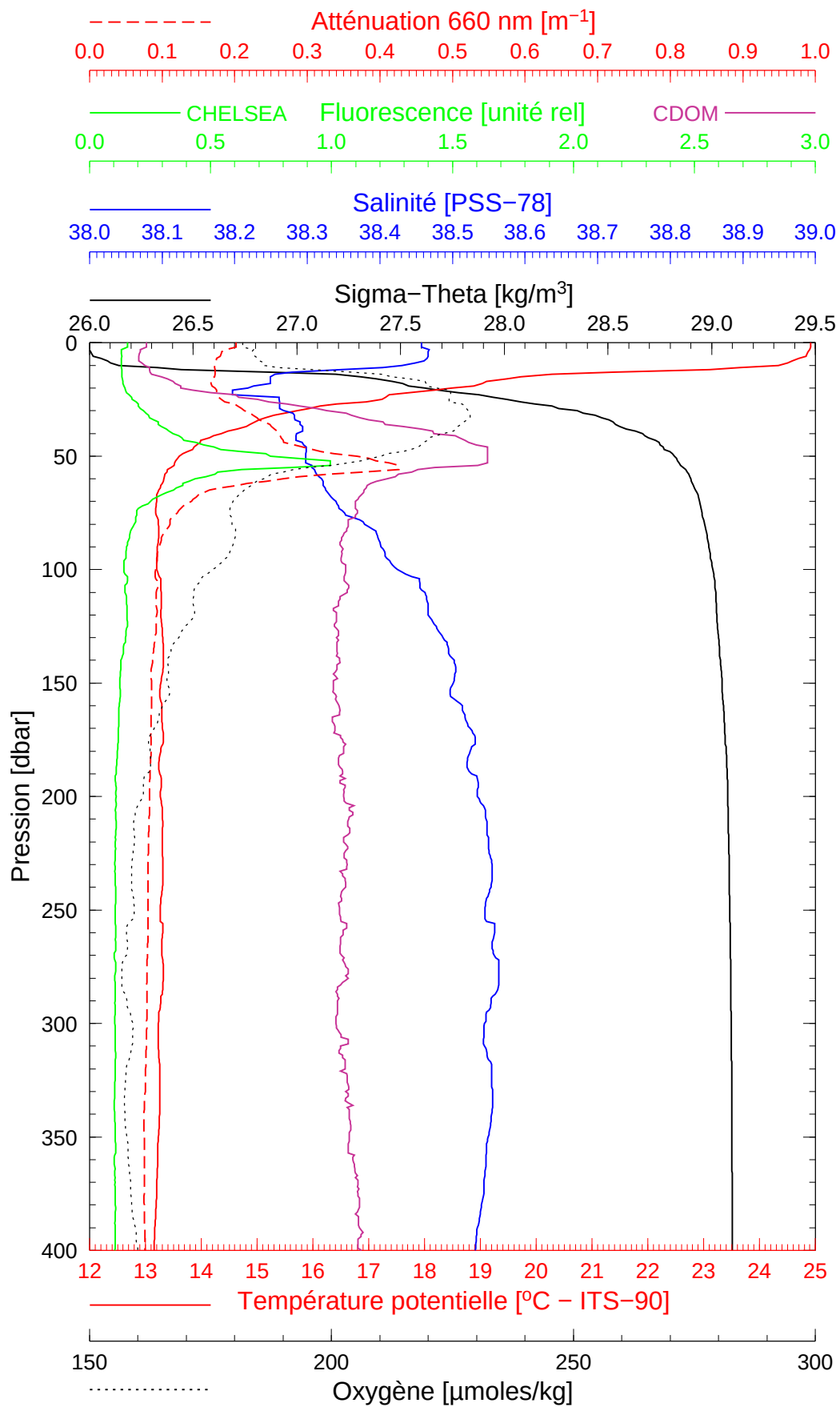
Longitude 07°42.267 E

Boussole 55

09/07/2006

BOUS060709_04

BOUS008



Date 09/07/2006
Heure déb 10h 46min [TU]

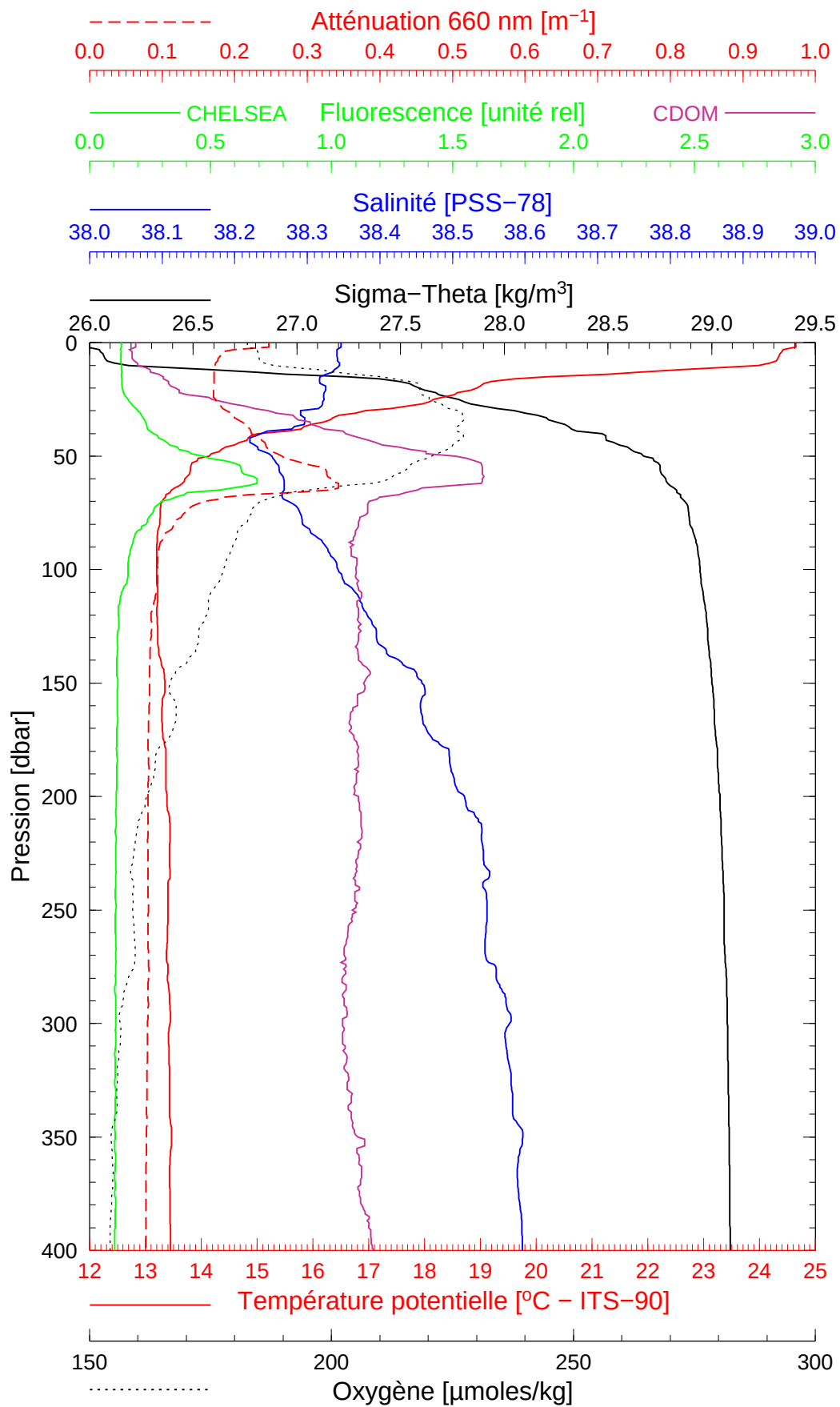
Latitude 43°30.929 N
Longitude 07°36.925 E

Boussole 55

09/07/2006

BOUS060709_05

BOUS009



Date 09/07/2006
Heure déb 11h 49min [TU]

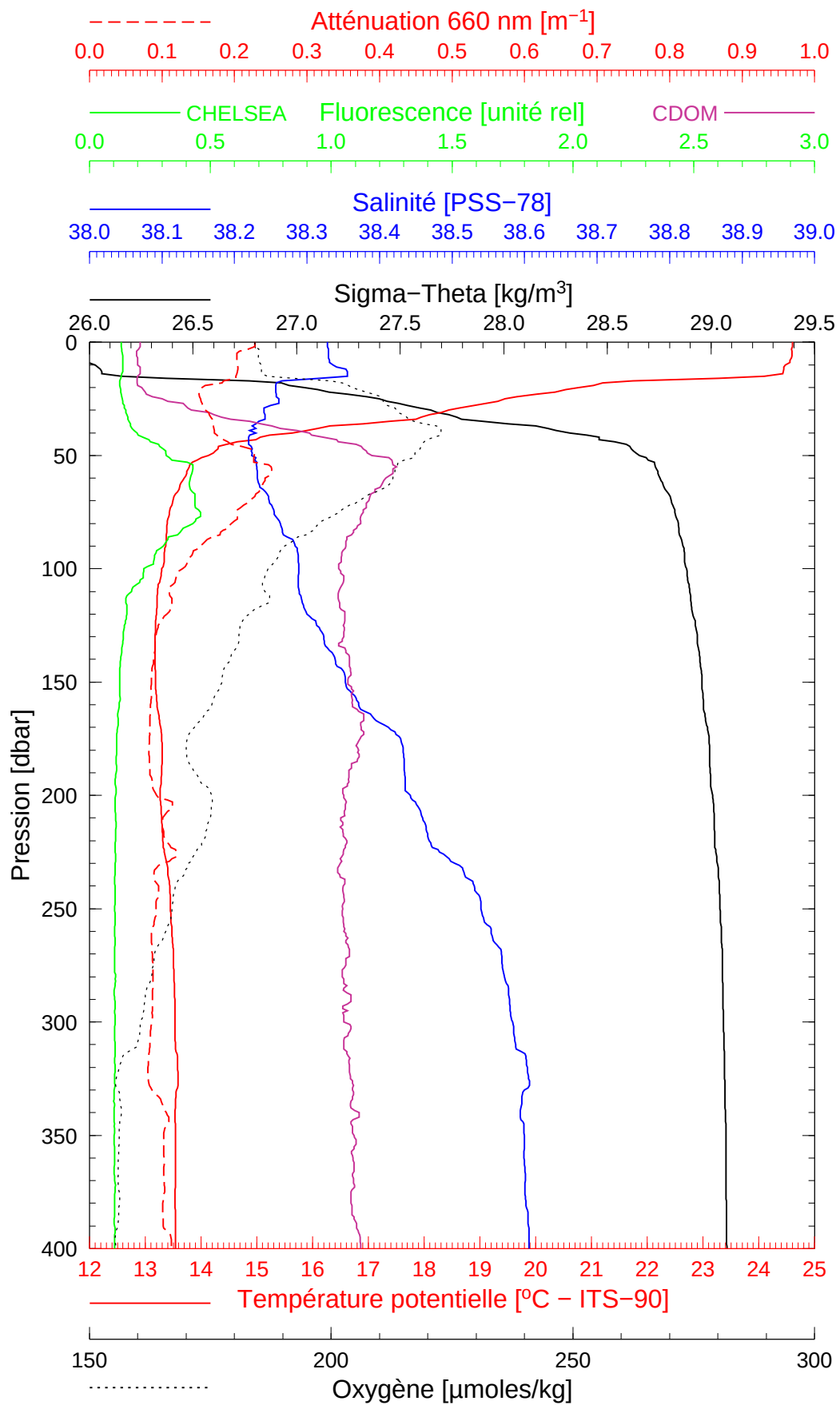
Latitude $43^{\circ}33.910$ N
Longitude $07^{\circ}30.947$ E

Boussole 55

09/07/2006

BOUS060709_06

BOUS010



Date 09/07/2006
Heure déb 12h 55min [TU]

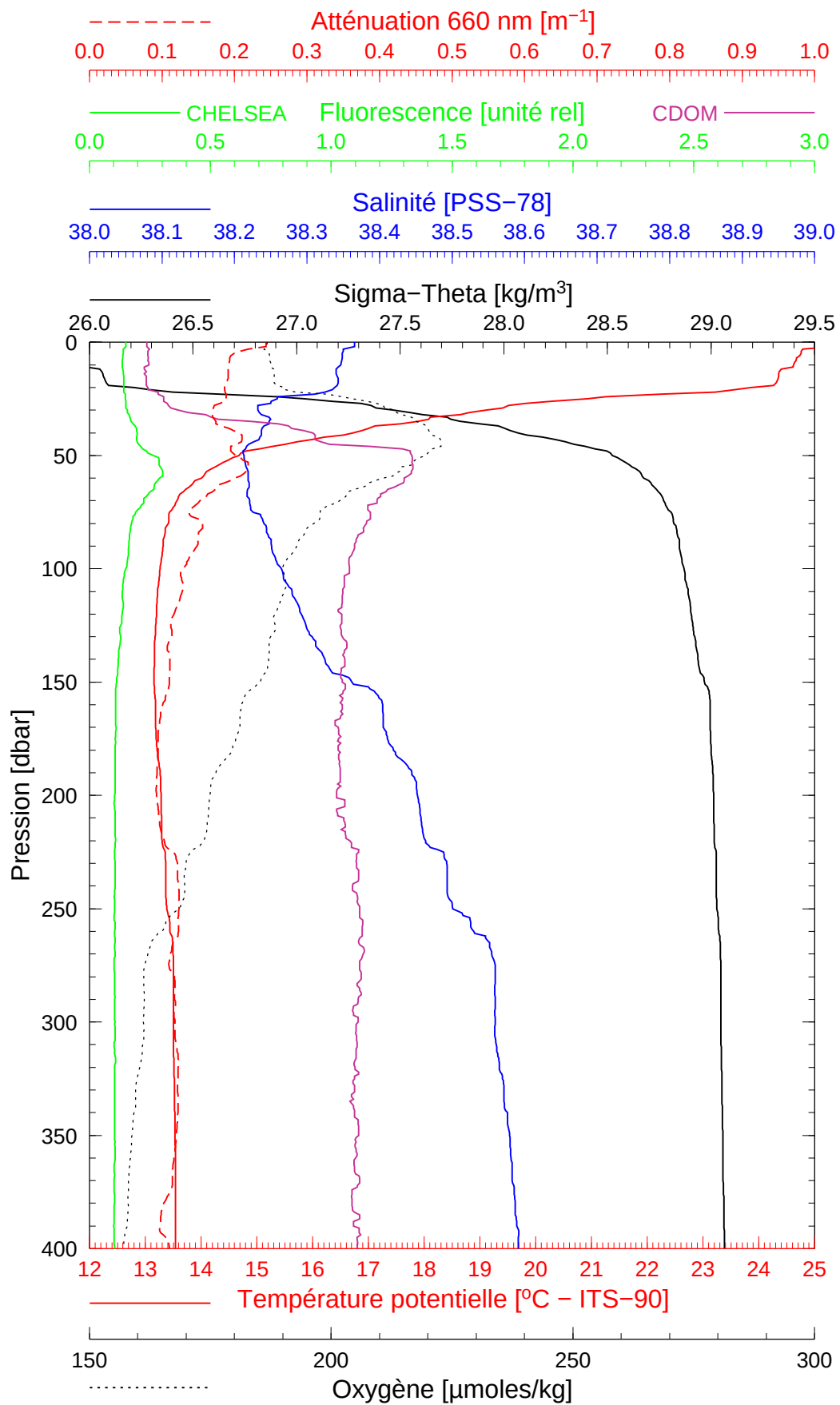
Latitude 43°37.405 N
Longitude 07°24.938 E

Boussole 55

09/07/2006

BOUS060709_07

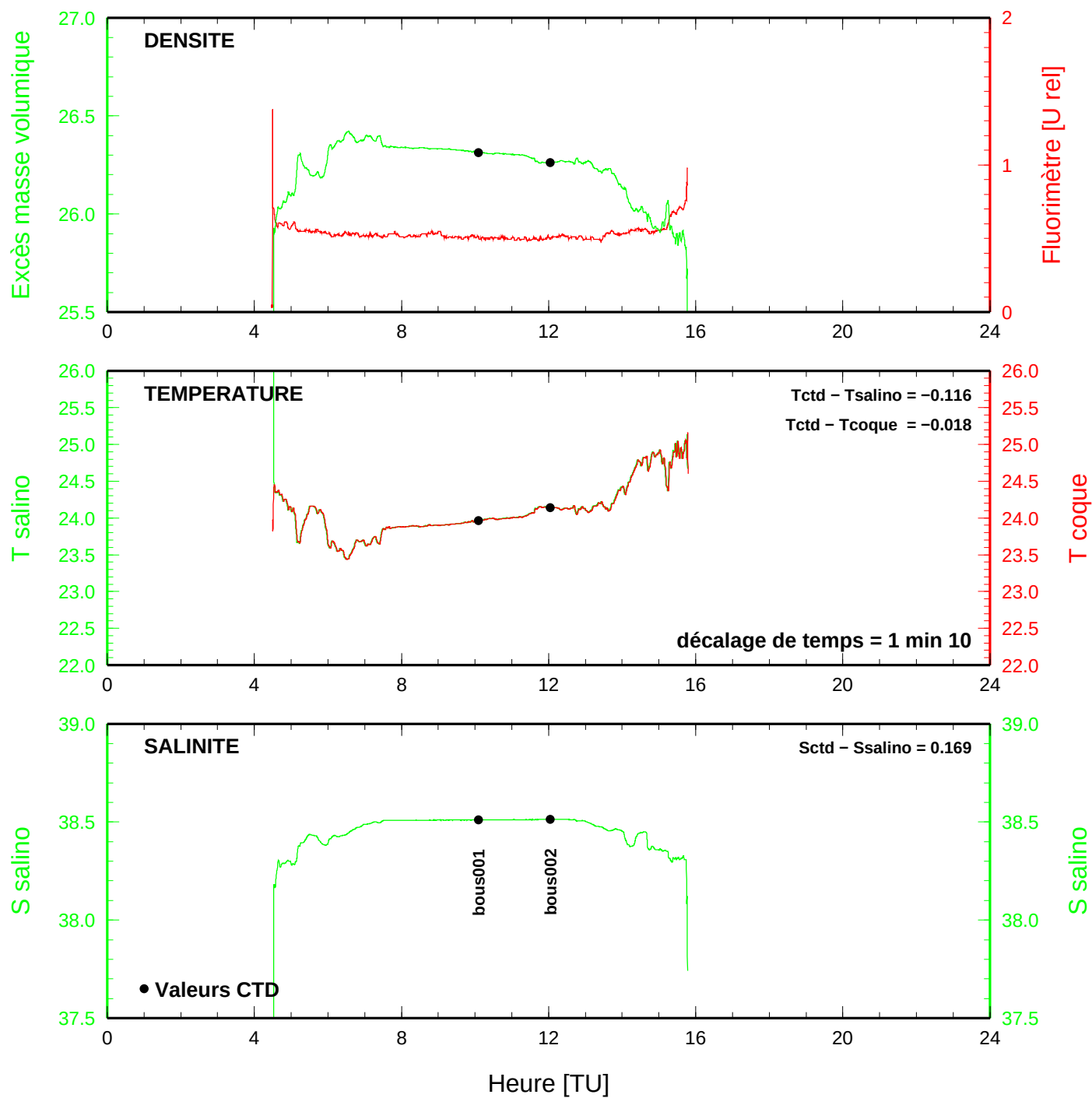
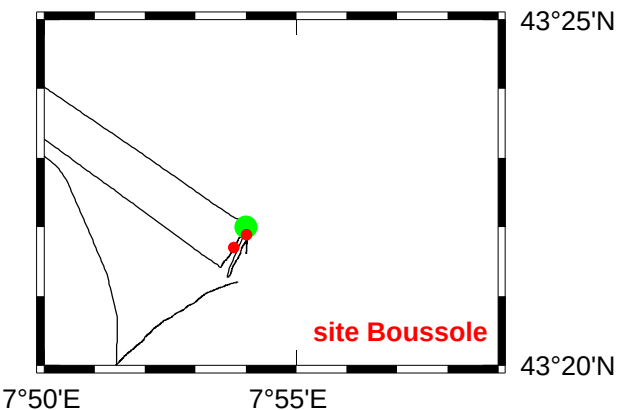
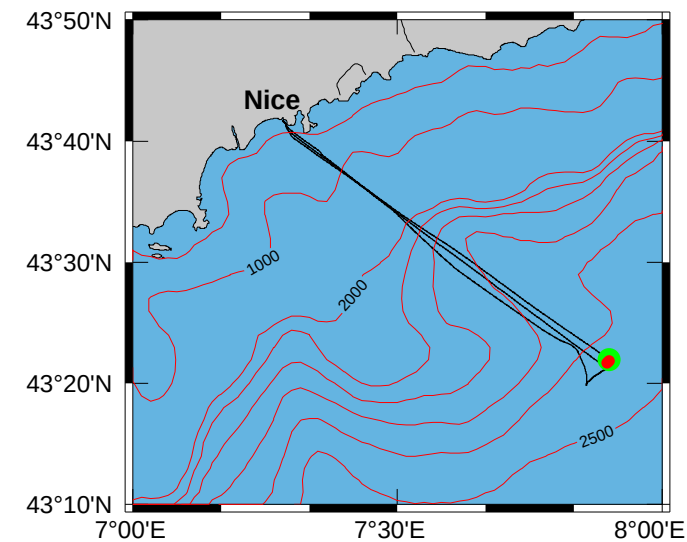
BOUS011



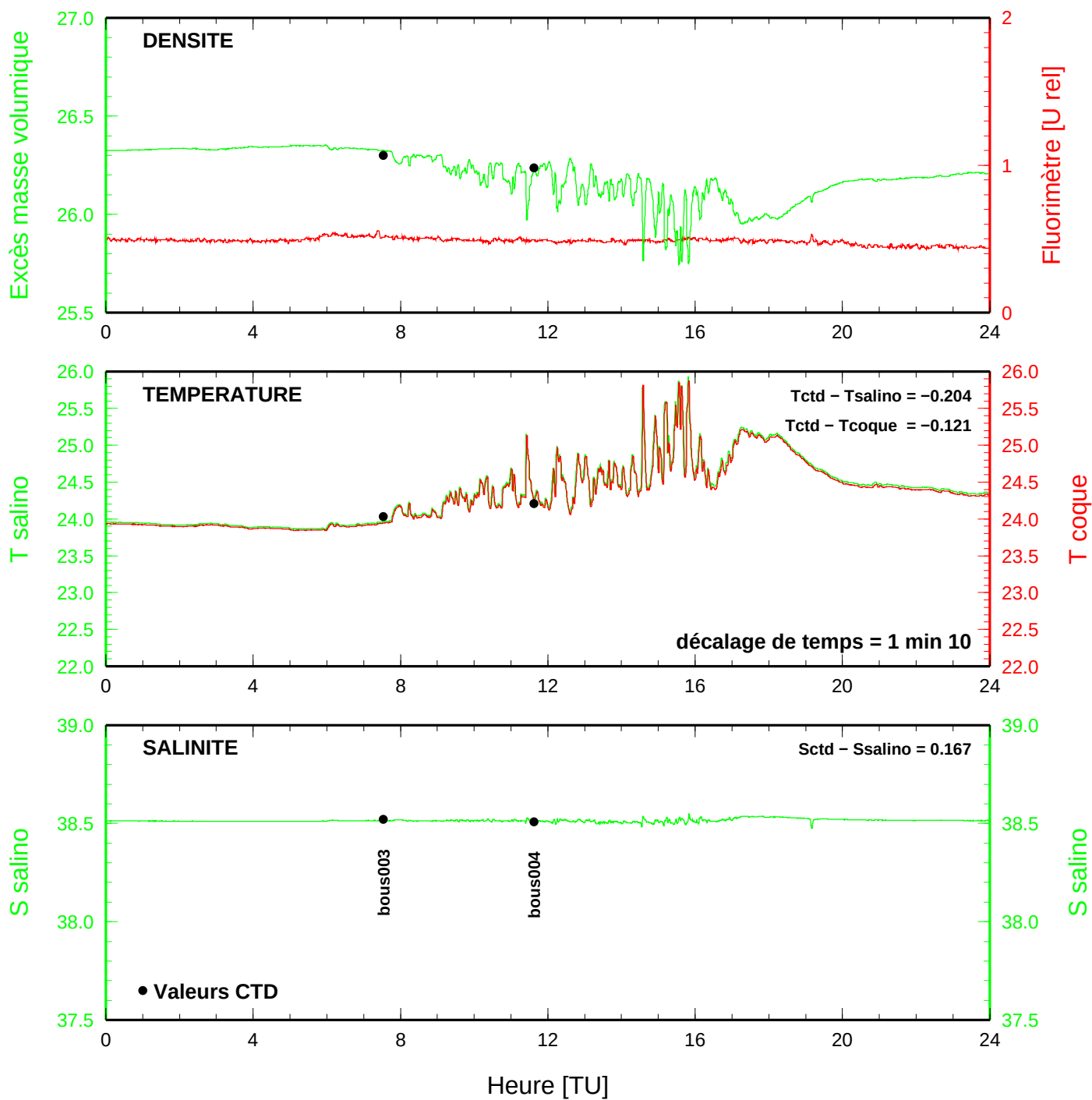
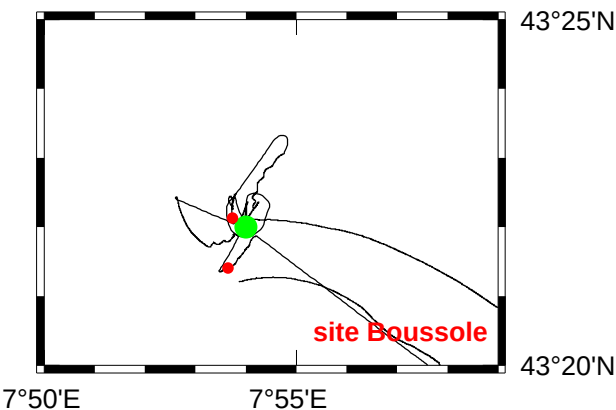
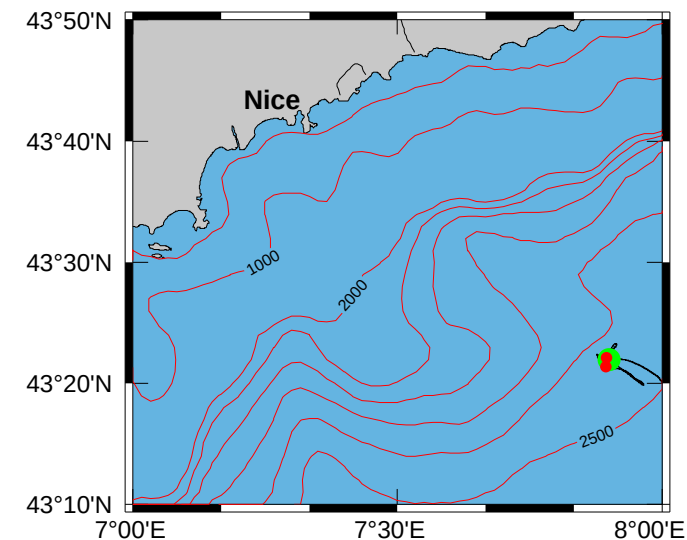
Date 09/07/2006
Heure déb 13h 47min [TU]

Latitude 43°38.820 N
Longitude 07°20.651 E

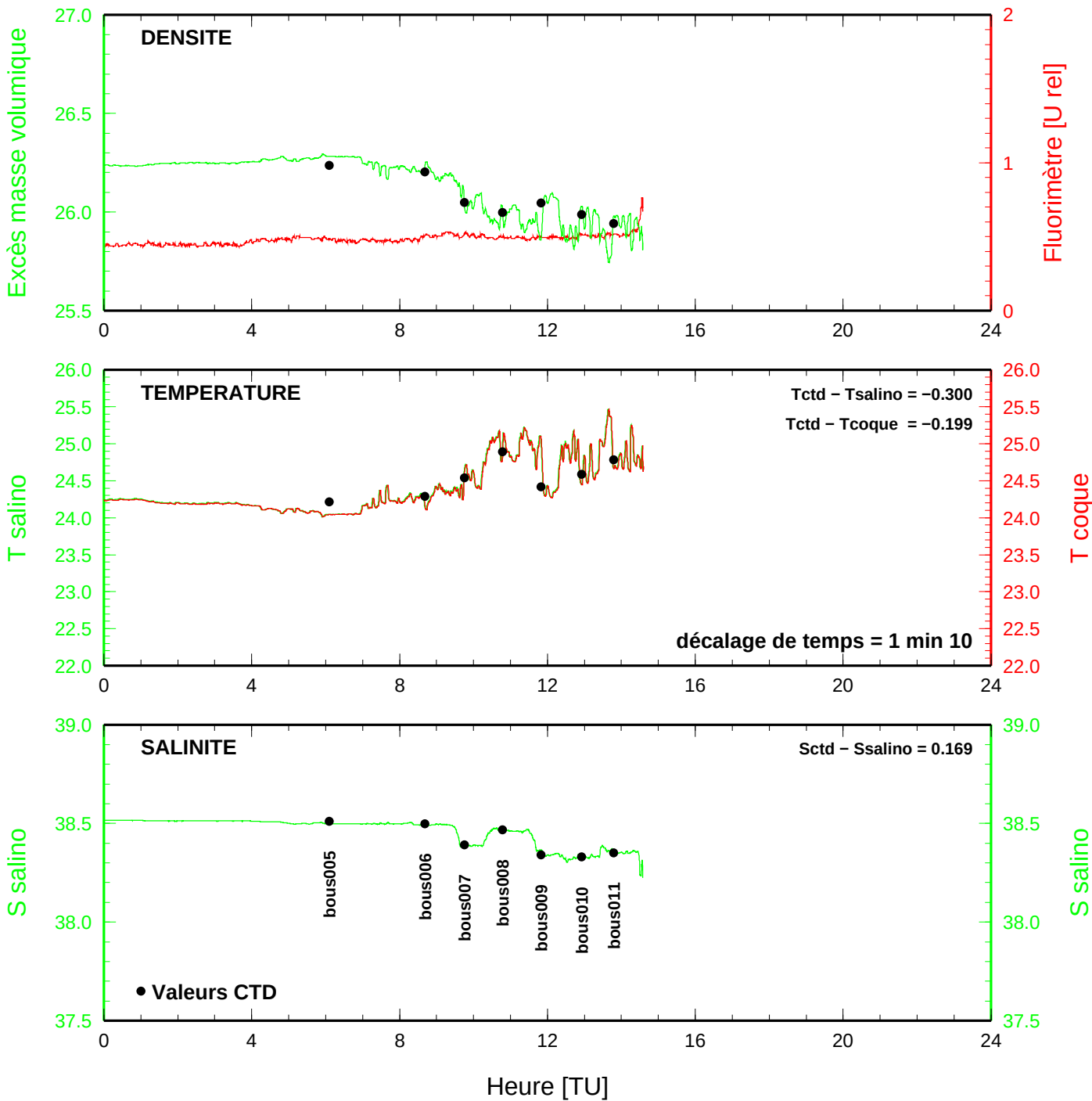
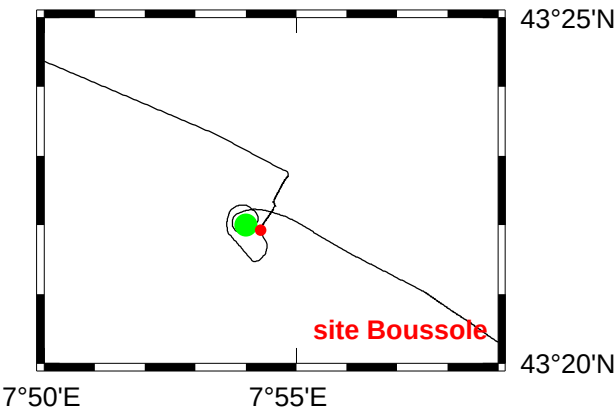
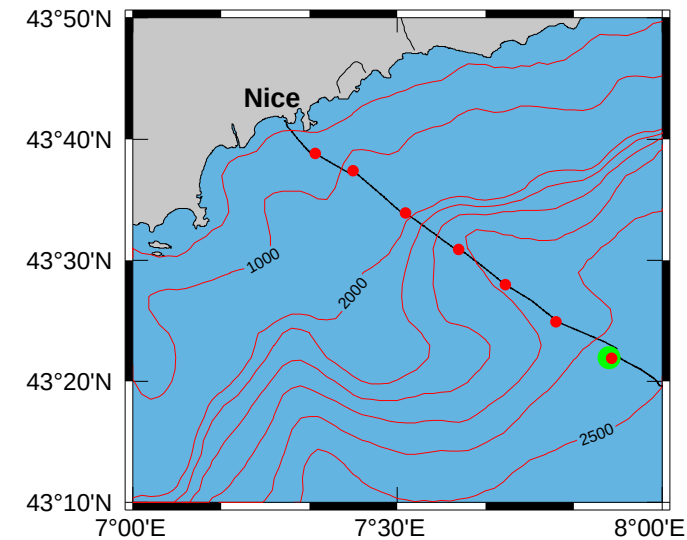
BOUSSOLE 55 07 juillet 2006



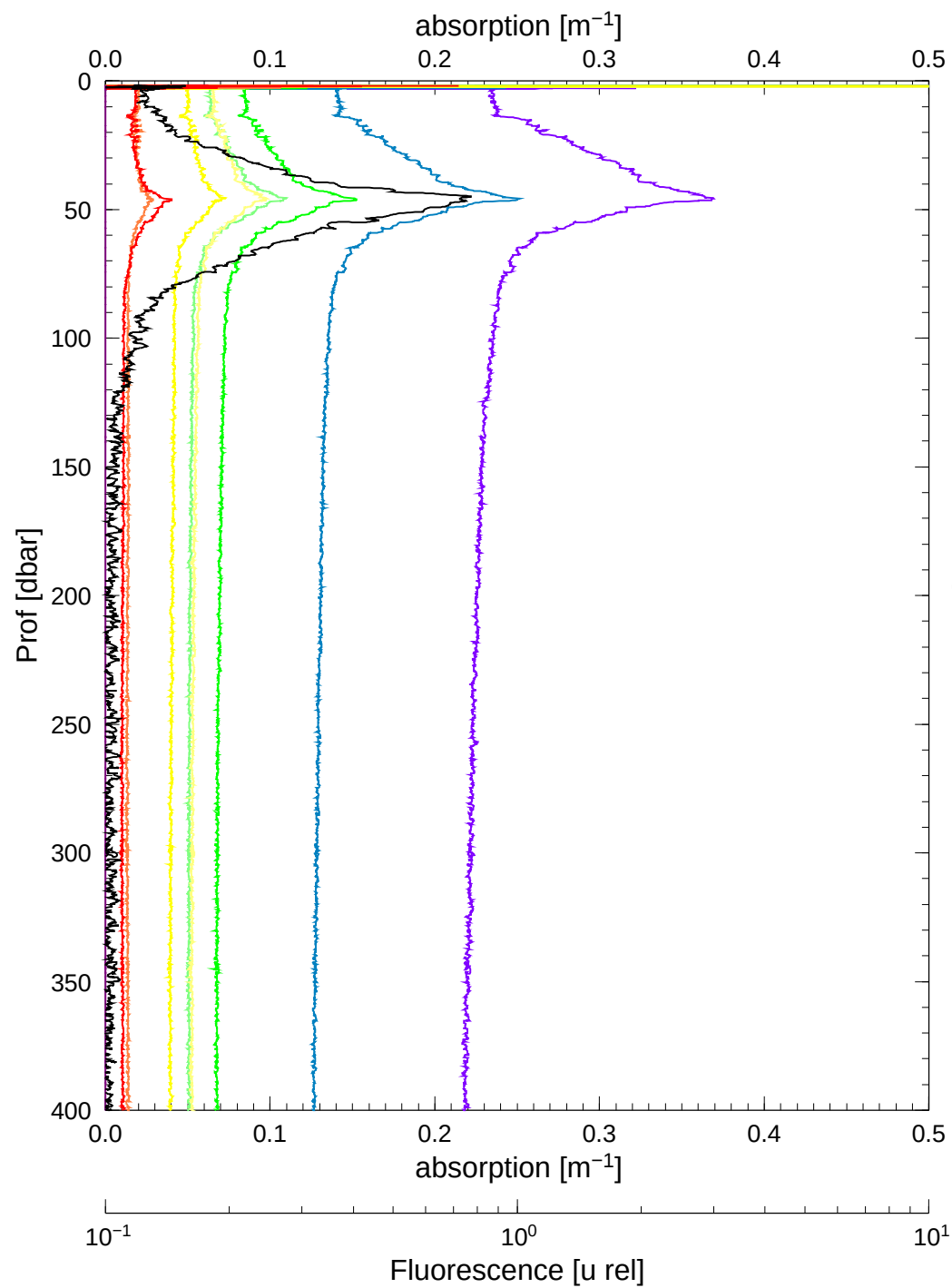
BOUSSOLE 55 08 juillet 2006



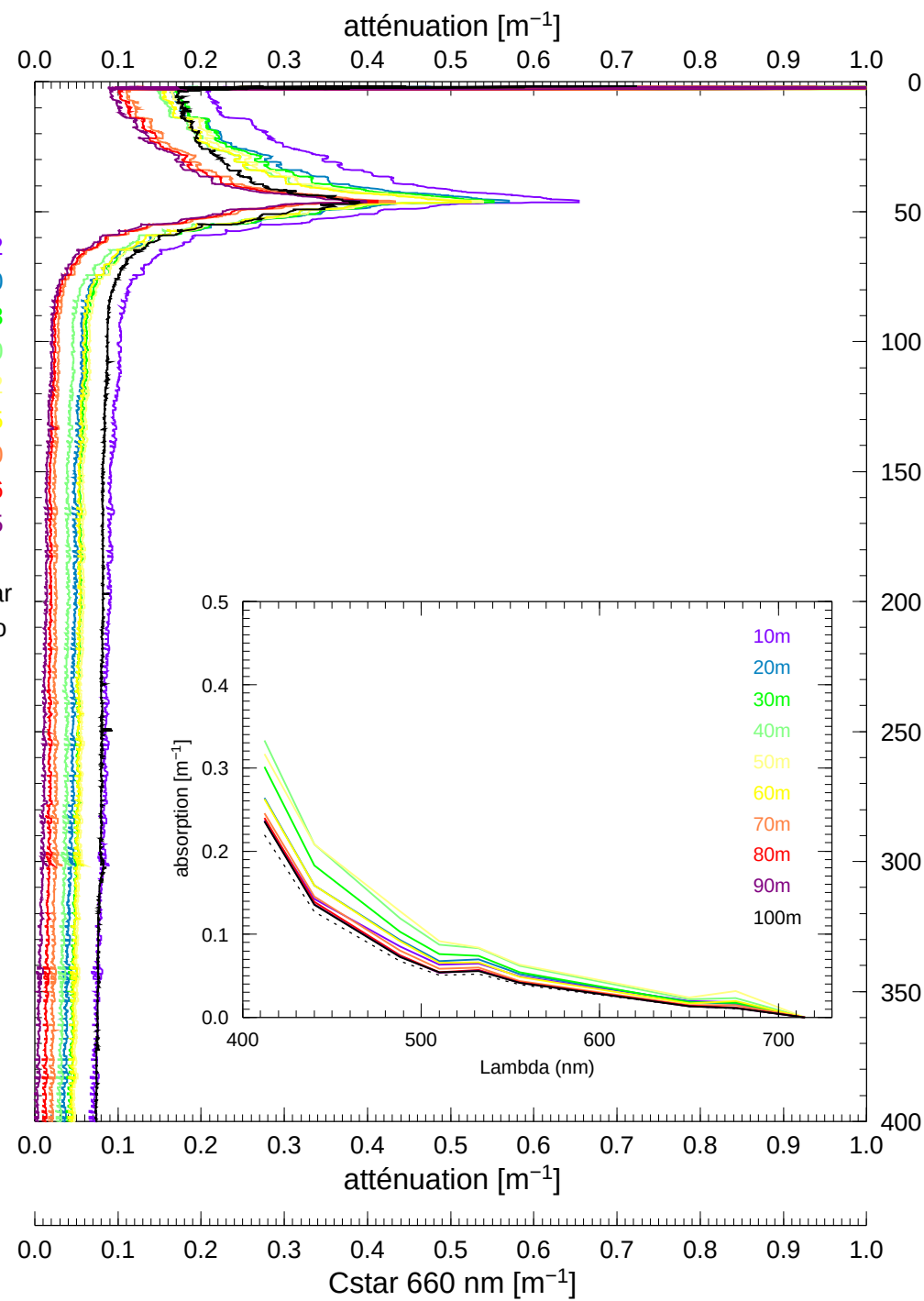
BOUSSOLE 55 09 juillet 2006



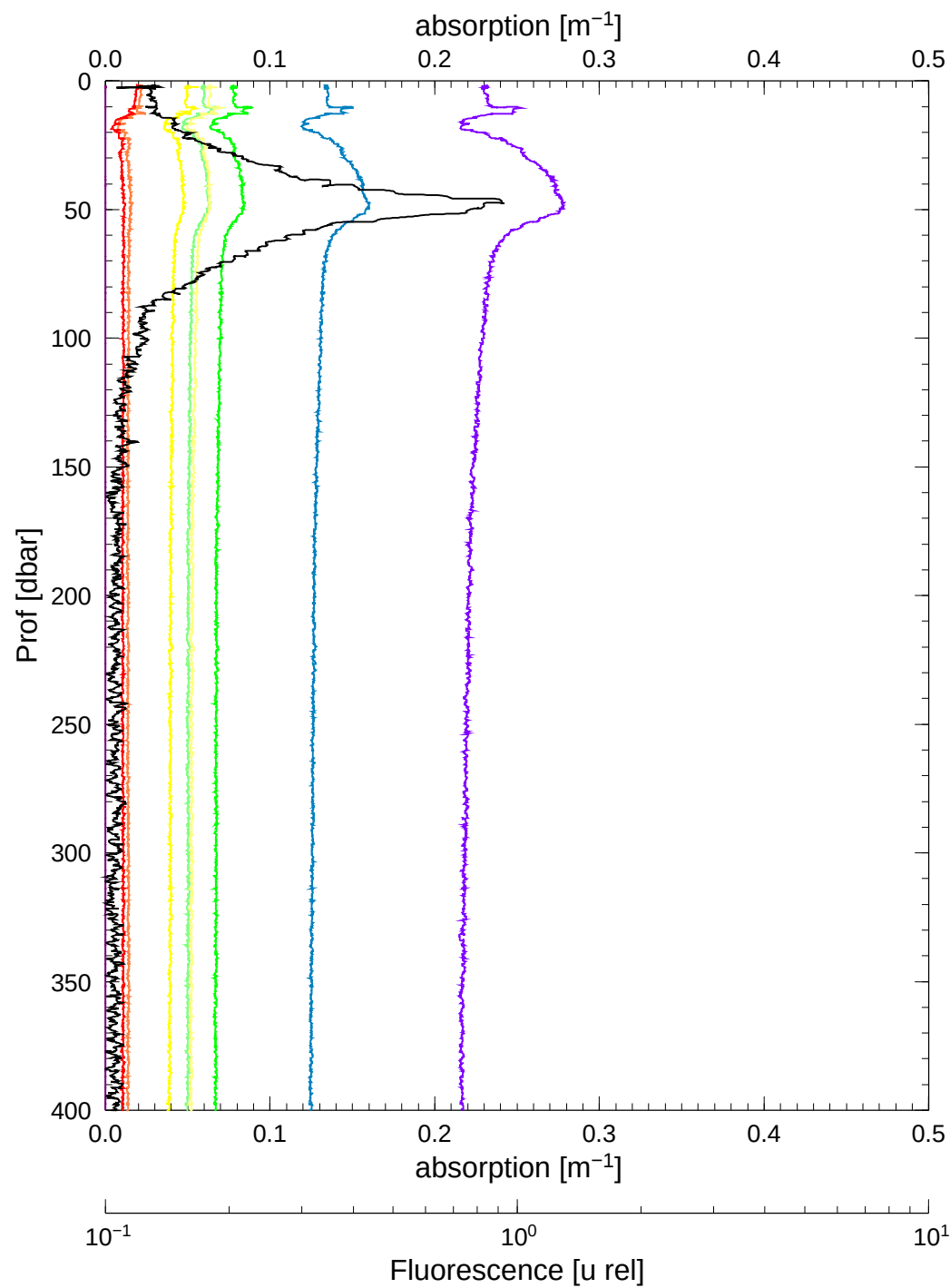
Boussole 55 Jul 07 2006 ac9001 bous001



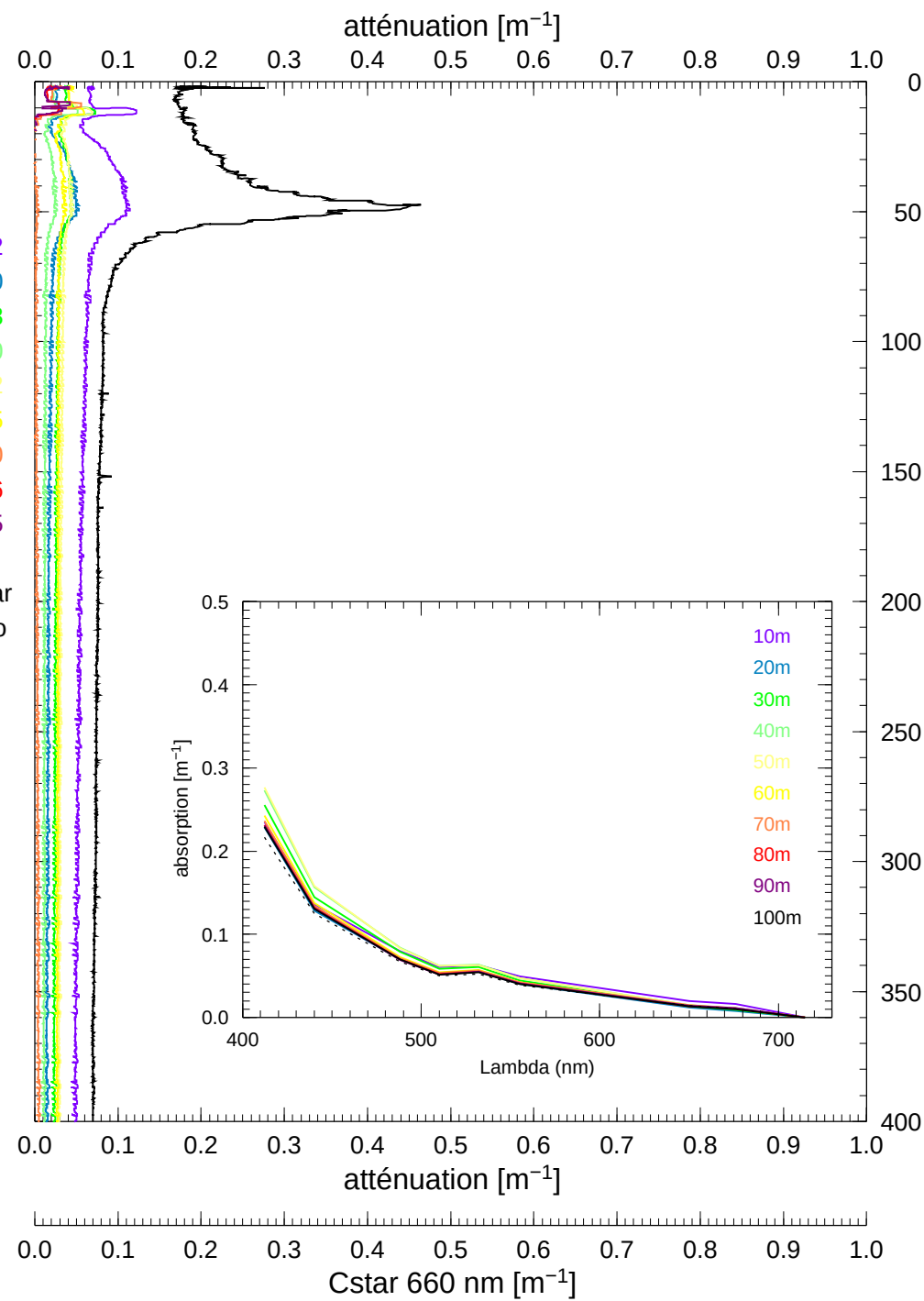
Corrections TS et diffusion : $a_\lambda = a_\lambda - a_{715}$



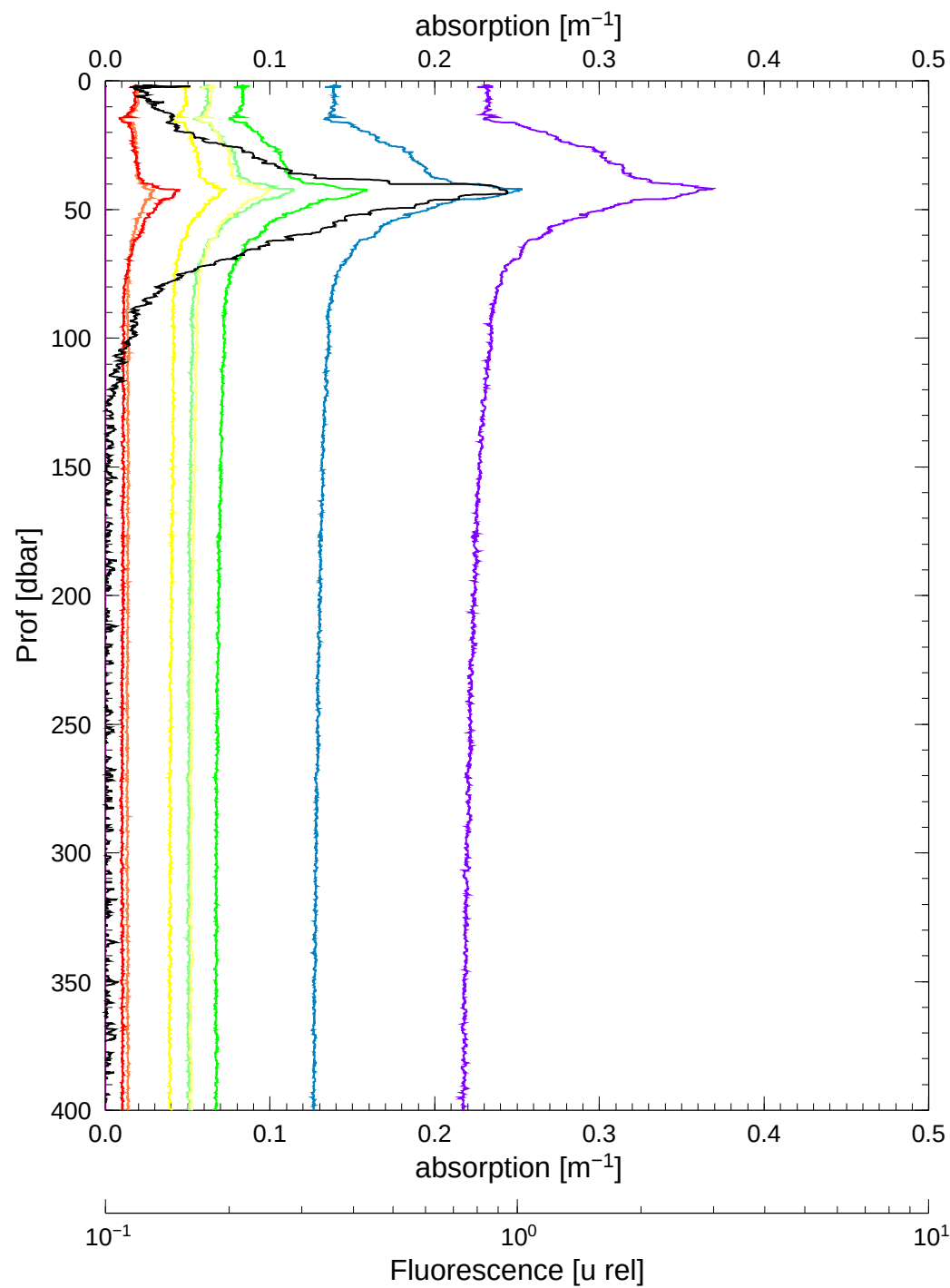
Boussole 55 Jul 07 2006 ac9002 bous002



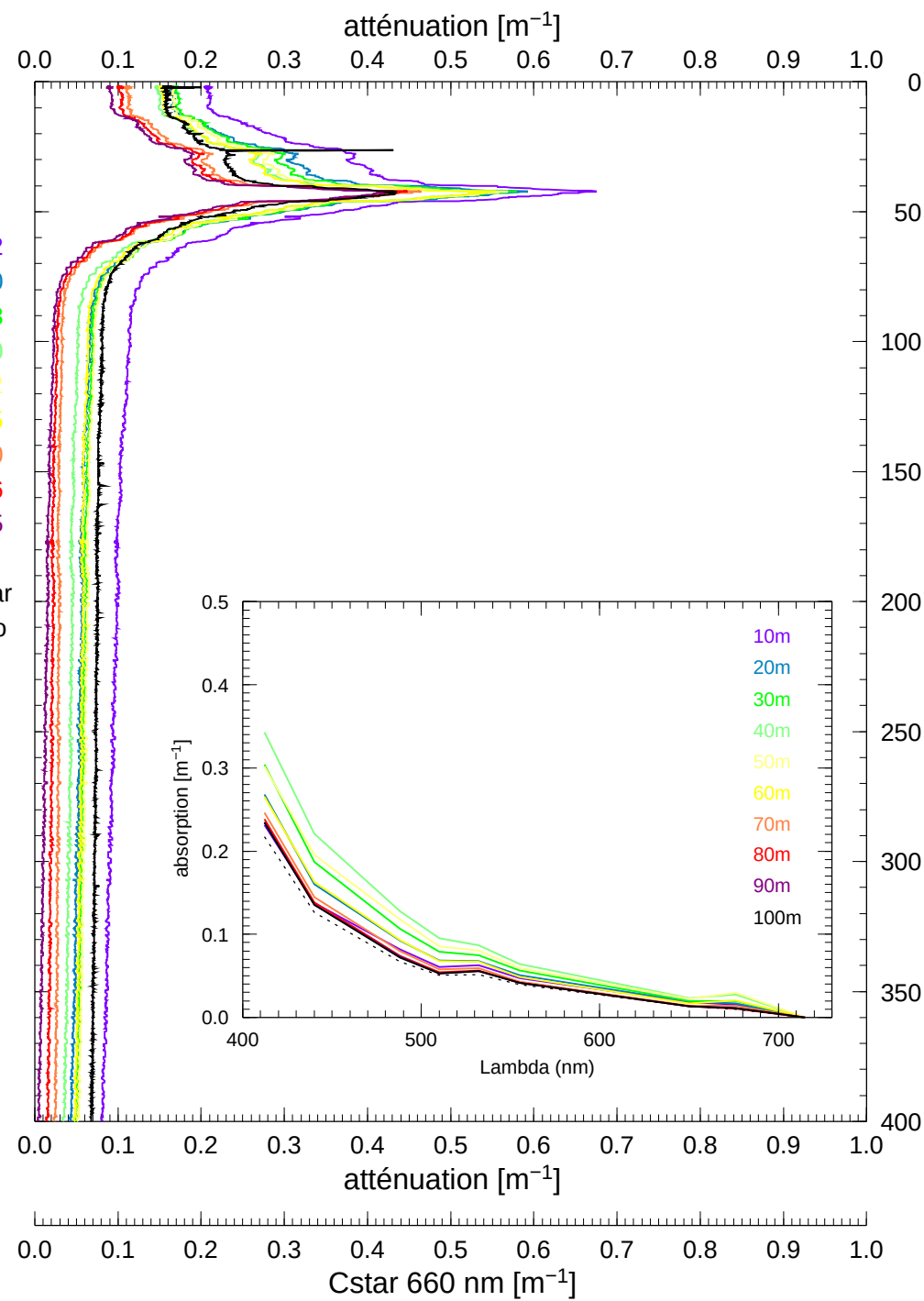
Corrections TS et diffusion : $a_\lambda = a_\lambda - a_{715}$



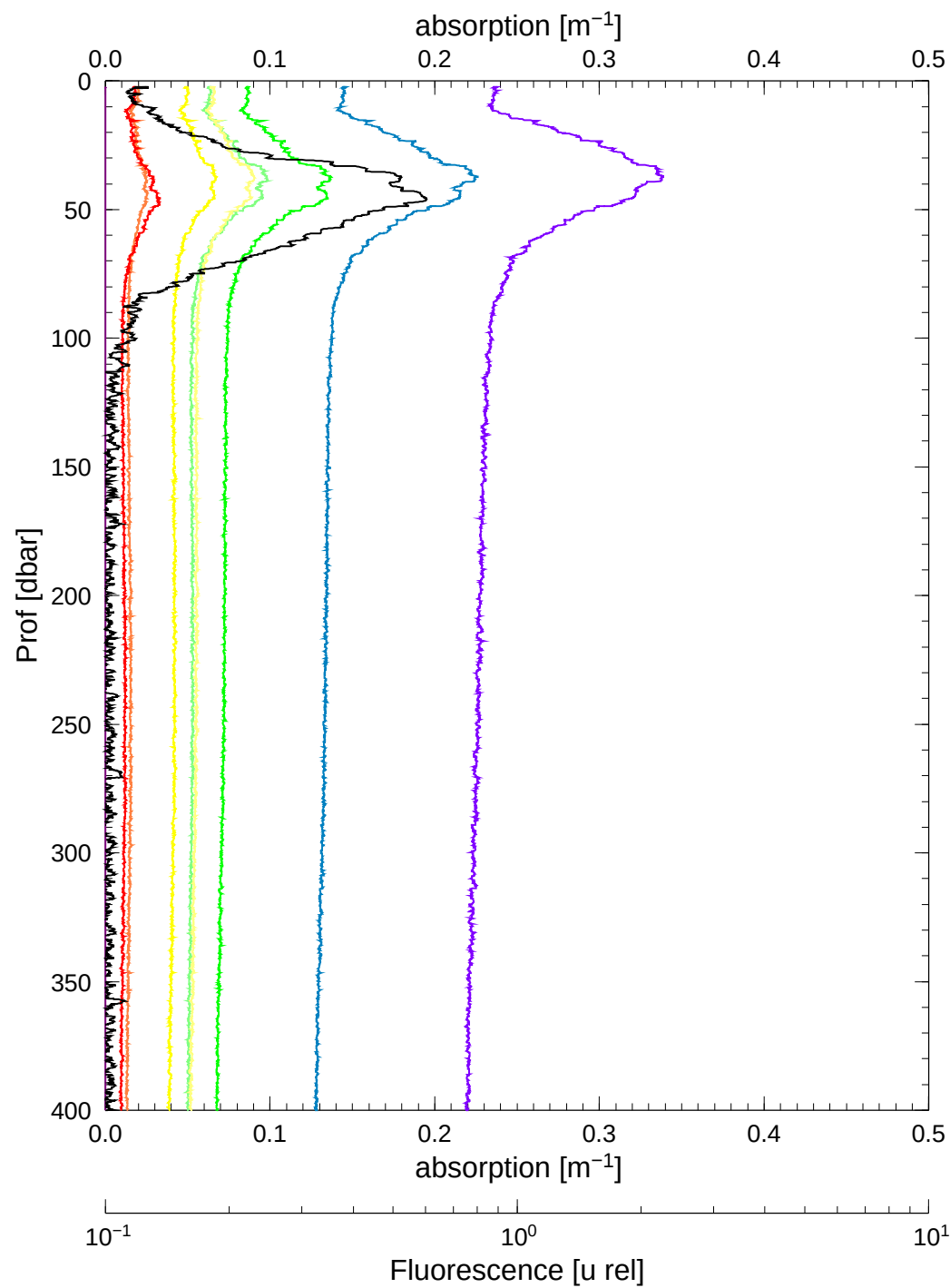
Boussole 55 Jul 08 2006 ac9003 bous003



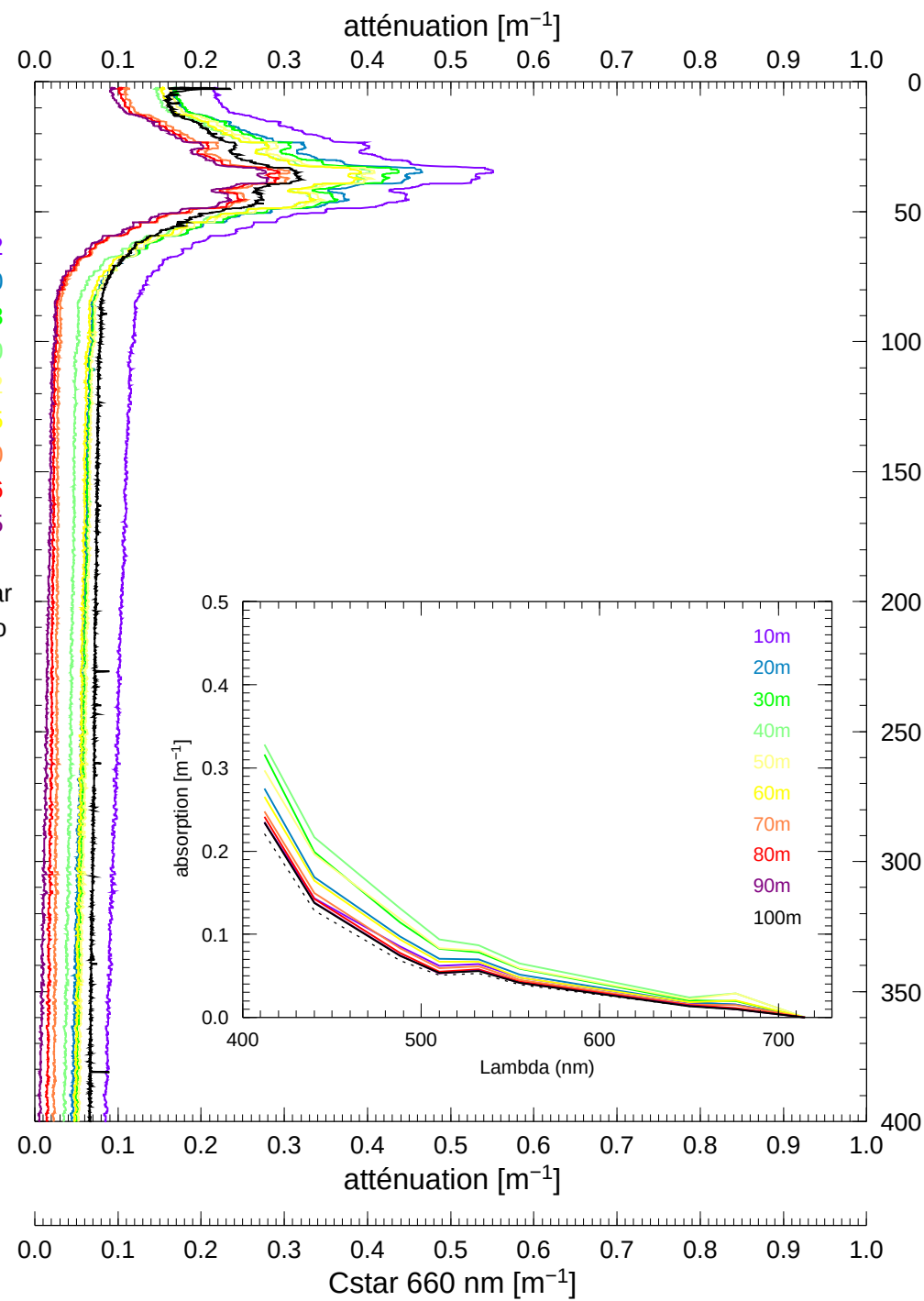
Corrections TS et diffusion : $a_\lambda = a_\lambda - a_{715}$



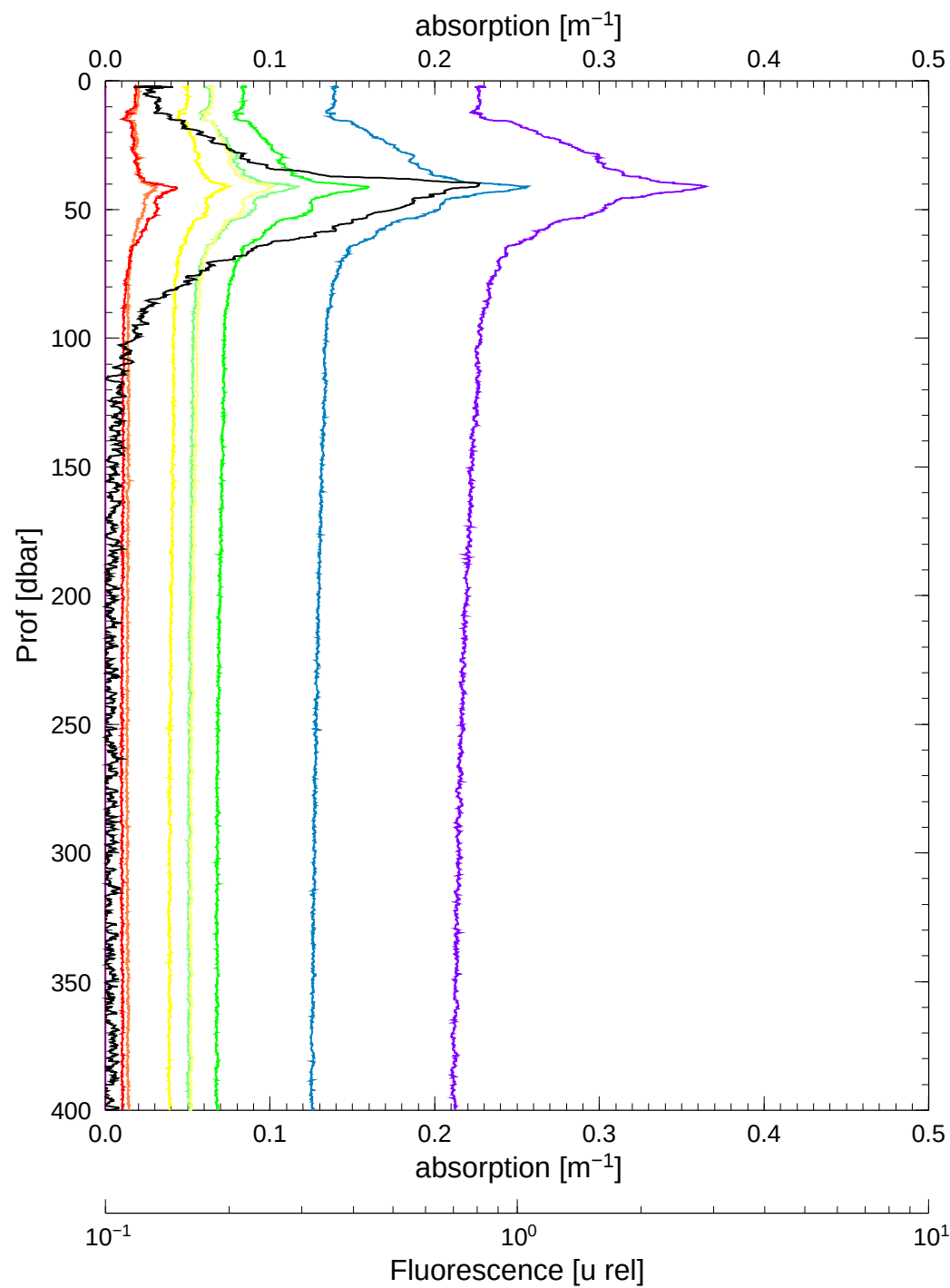
Boussole 55 Jul 08 2006 ac9004 bous004



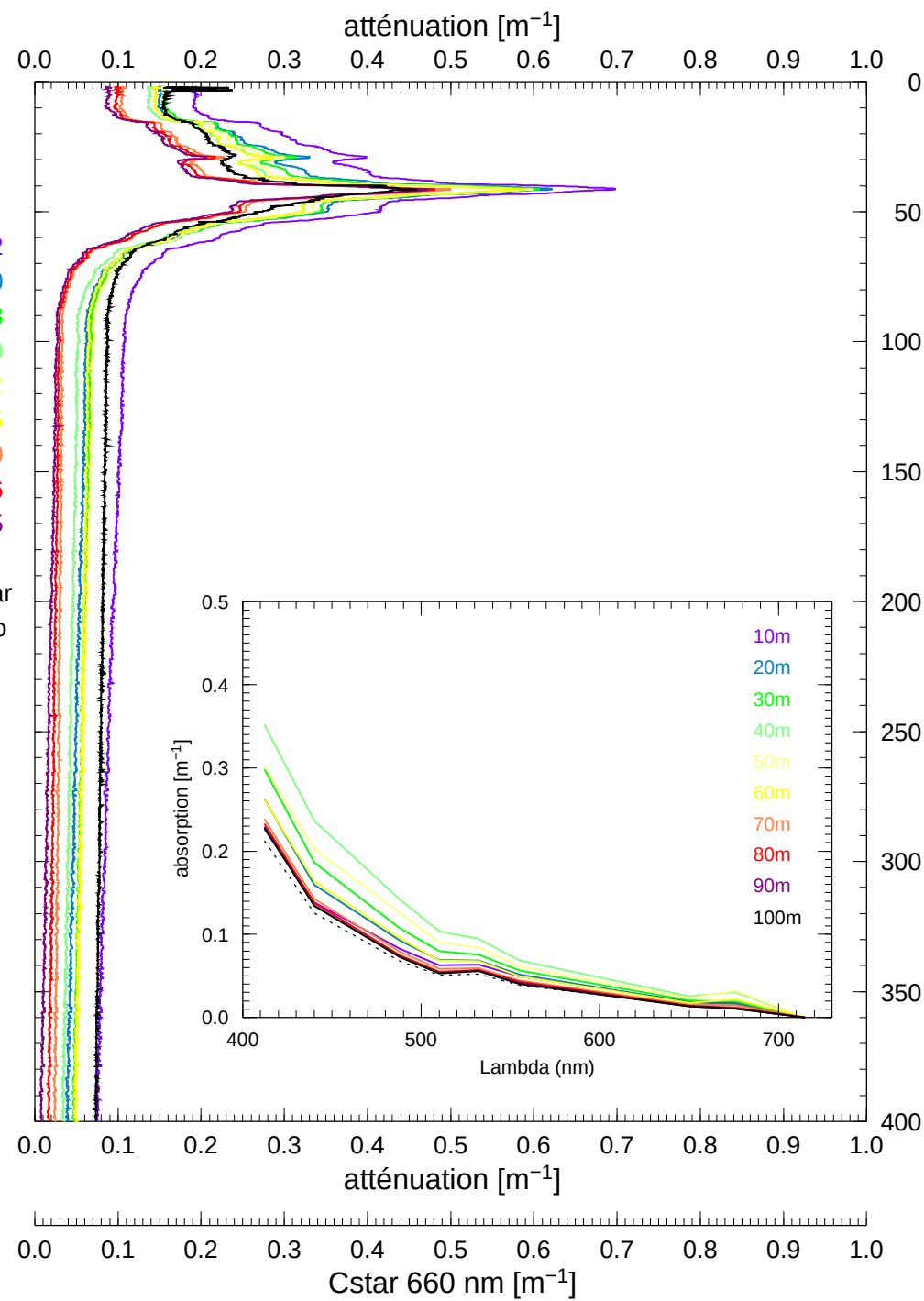
Corrections TS et diffusion : $a_\lambda = a_\lambda - a_{715}$



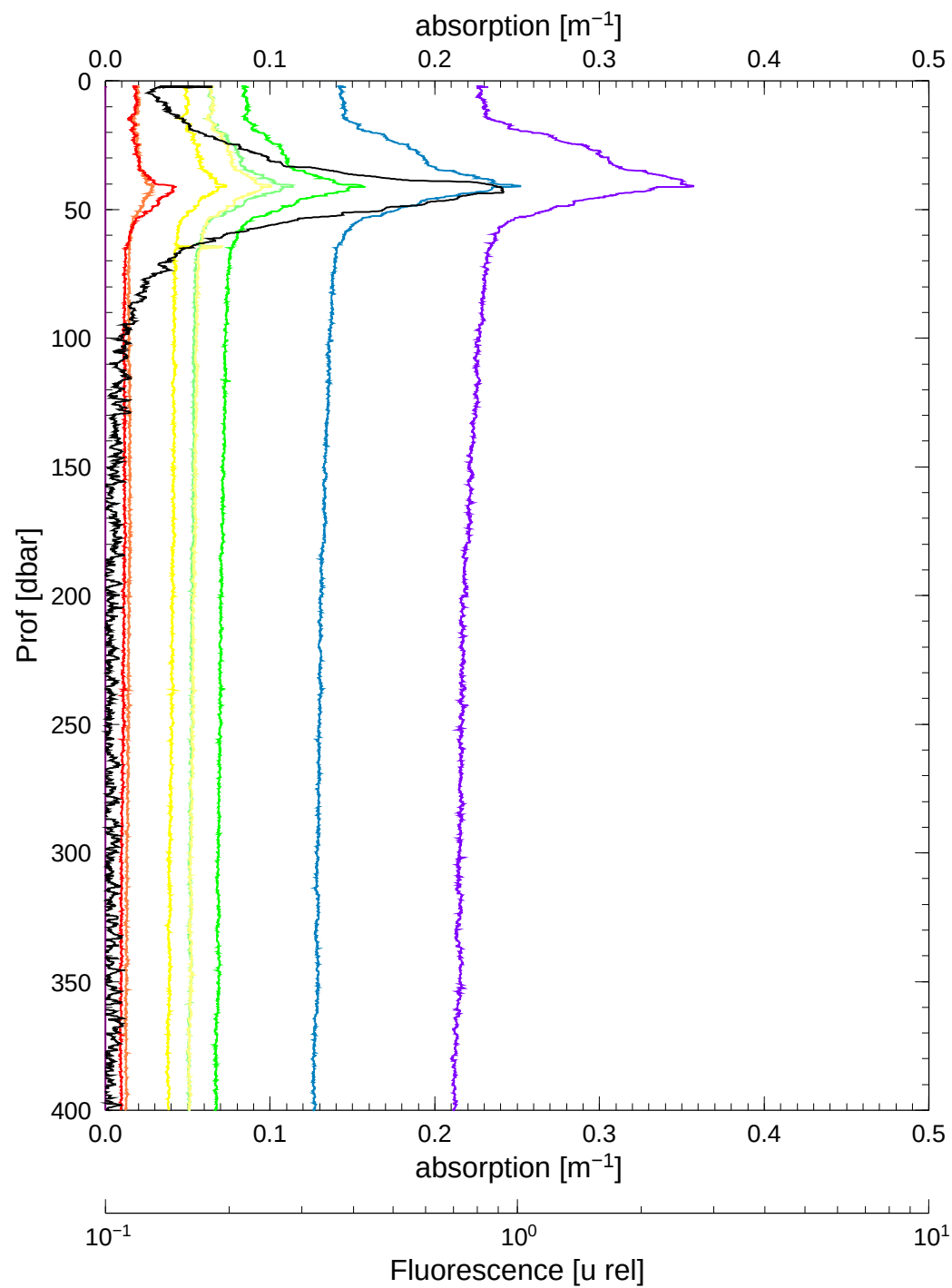
Boussole 55 Jul 09 2006 ac9005 bous005



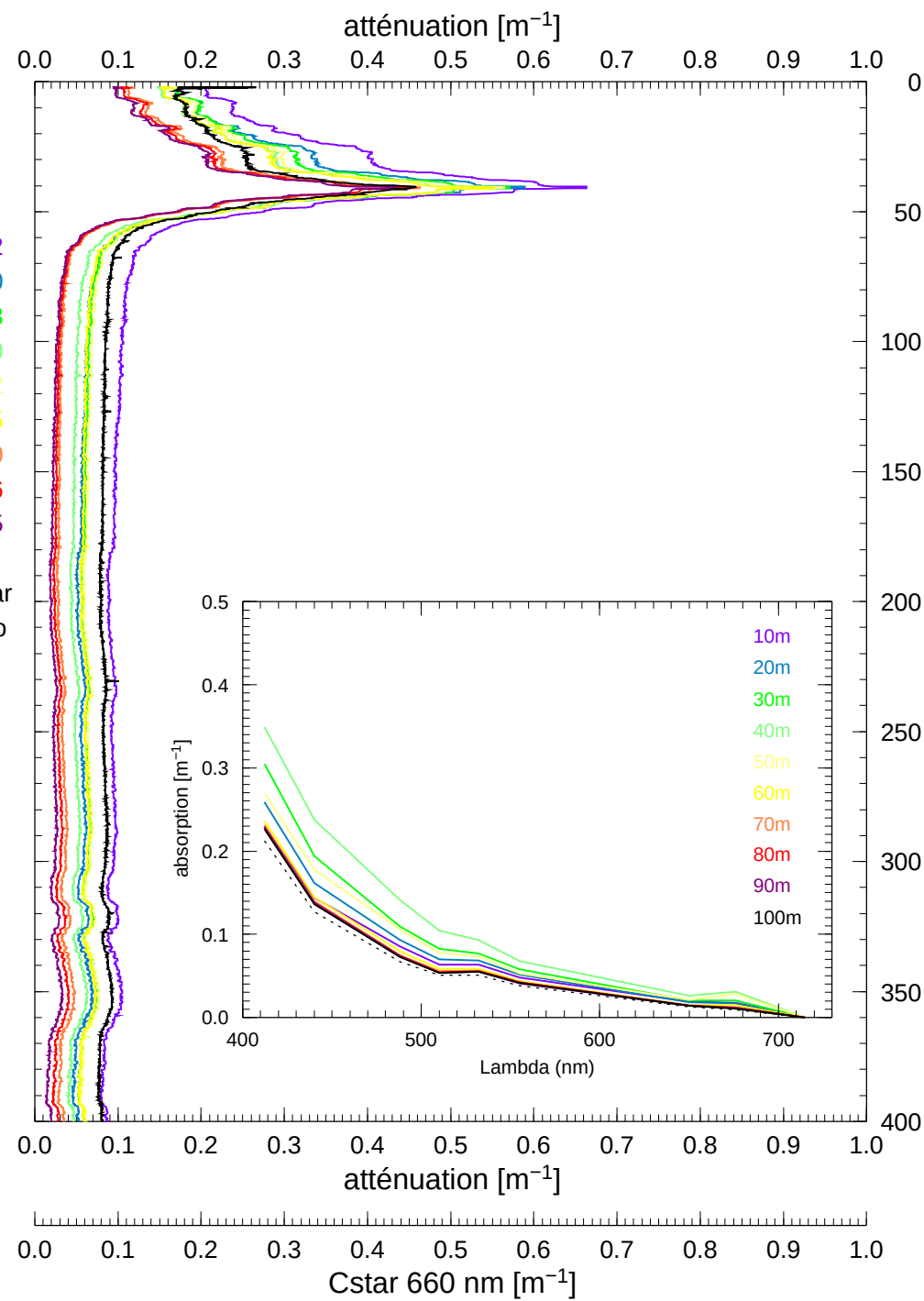
Corrections TS et diffusion : $a_\lambda = a_\lambda - a_{715}$



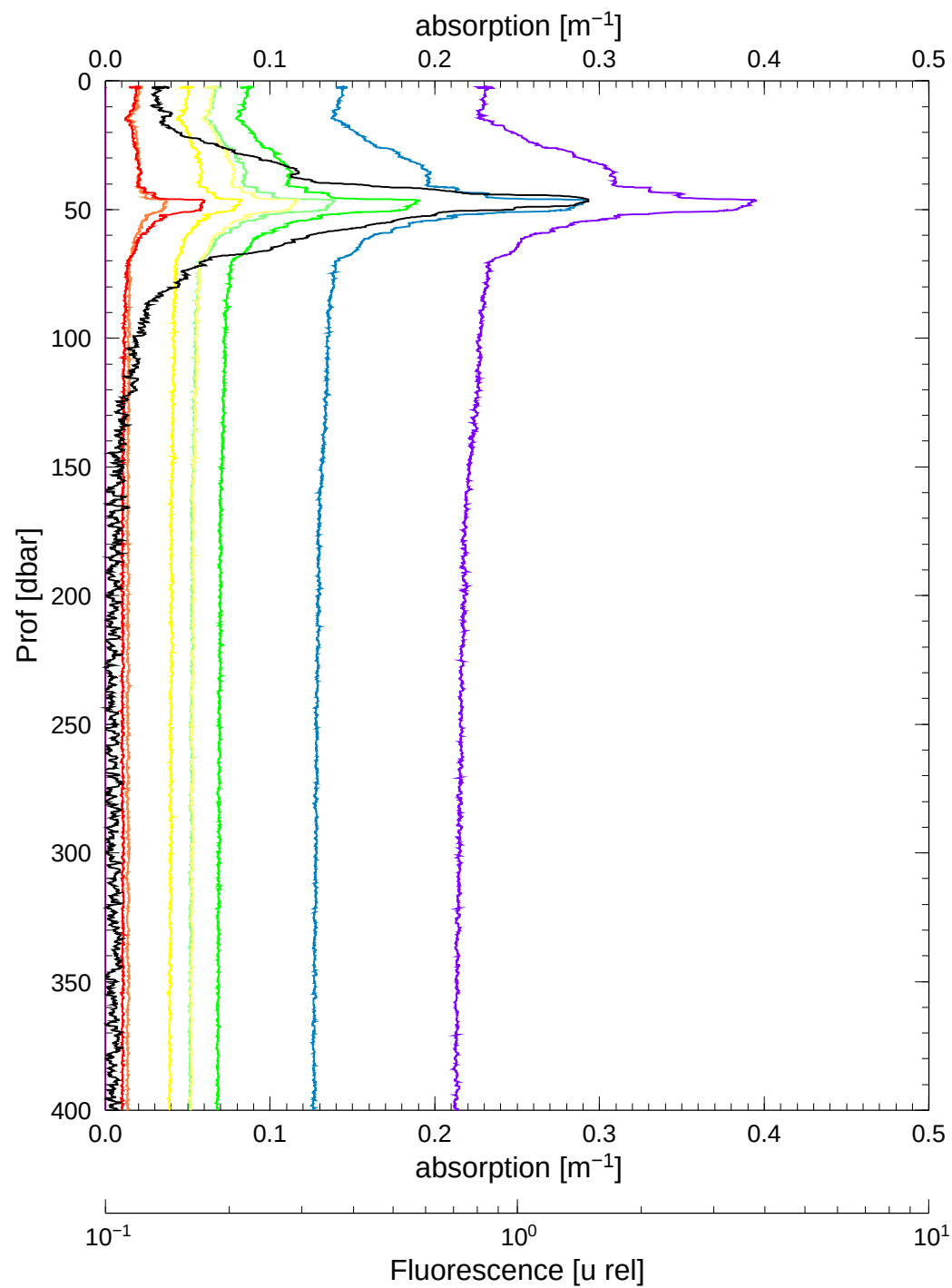
Boussole 55 Jul 09 2006 ac9006 bous006



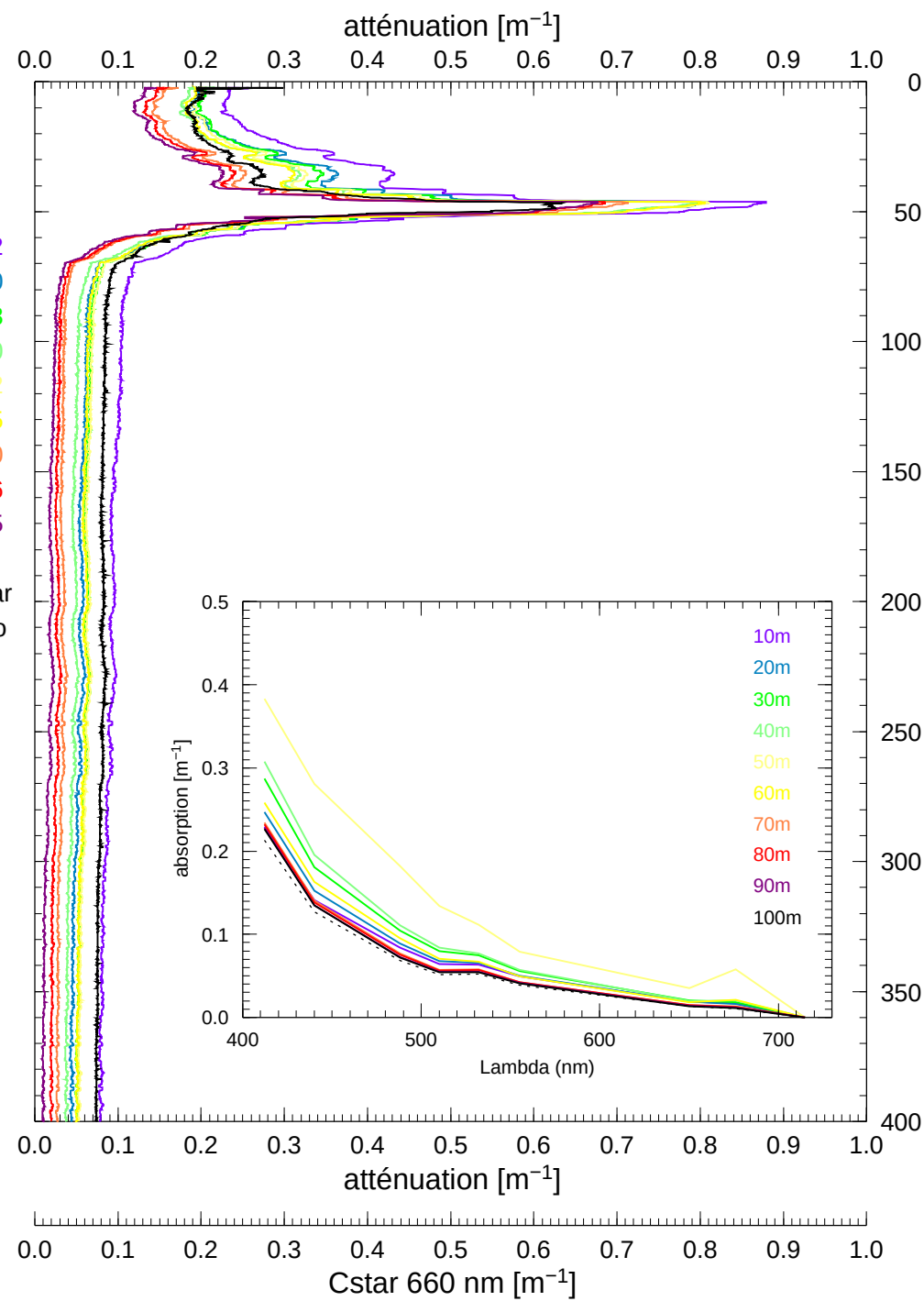
Corrections TS et diffusion : $a_\lambda = a_\lambda - a_{715}$



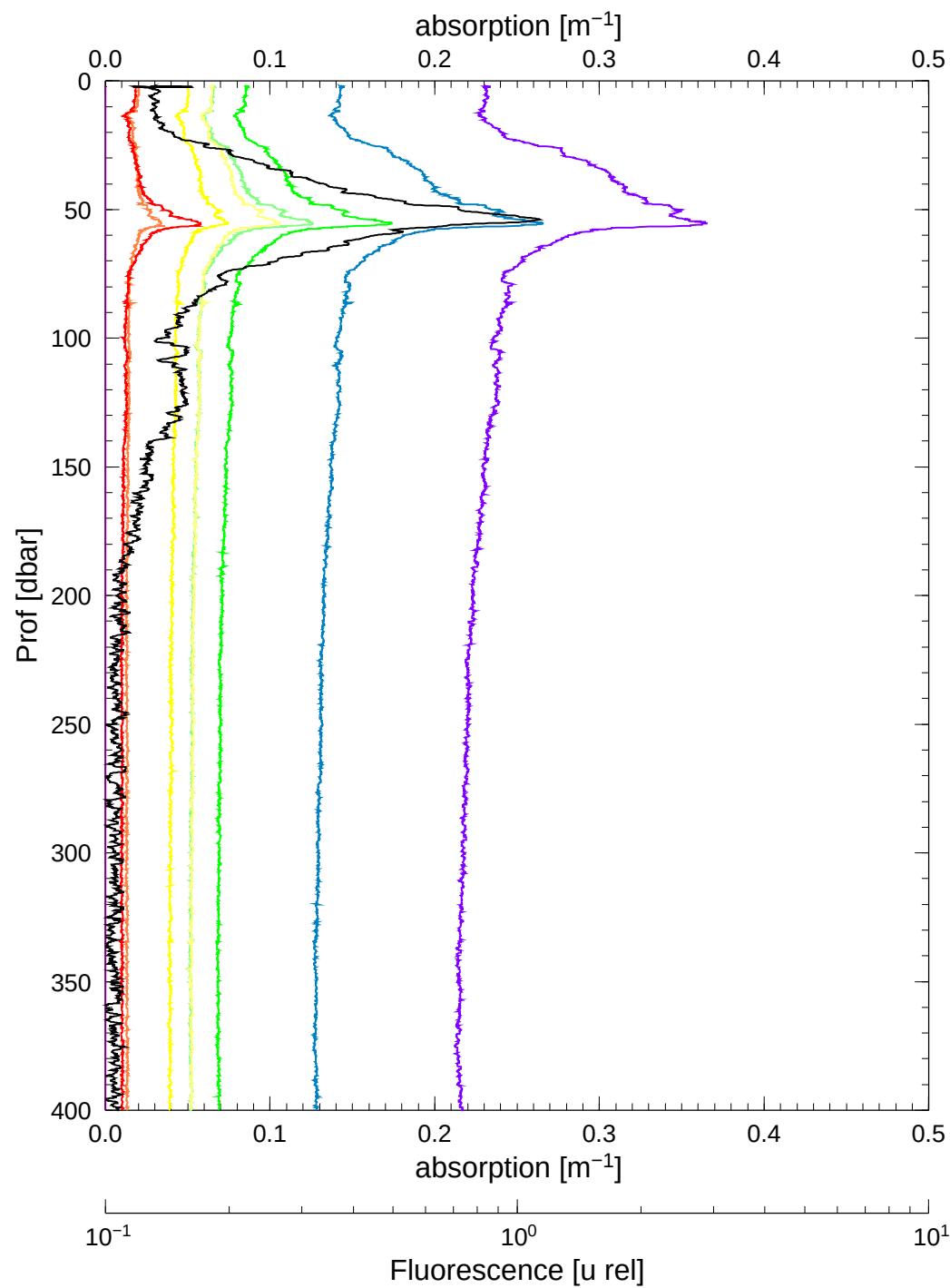
Boussole 55 Jul 09 2006 ac9007 bous007



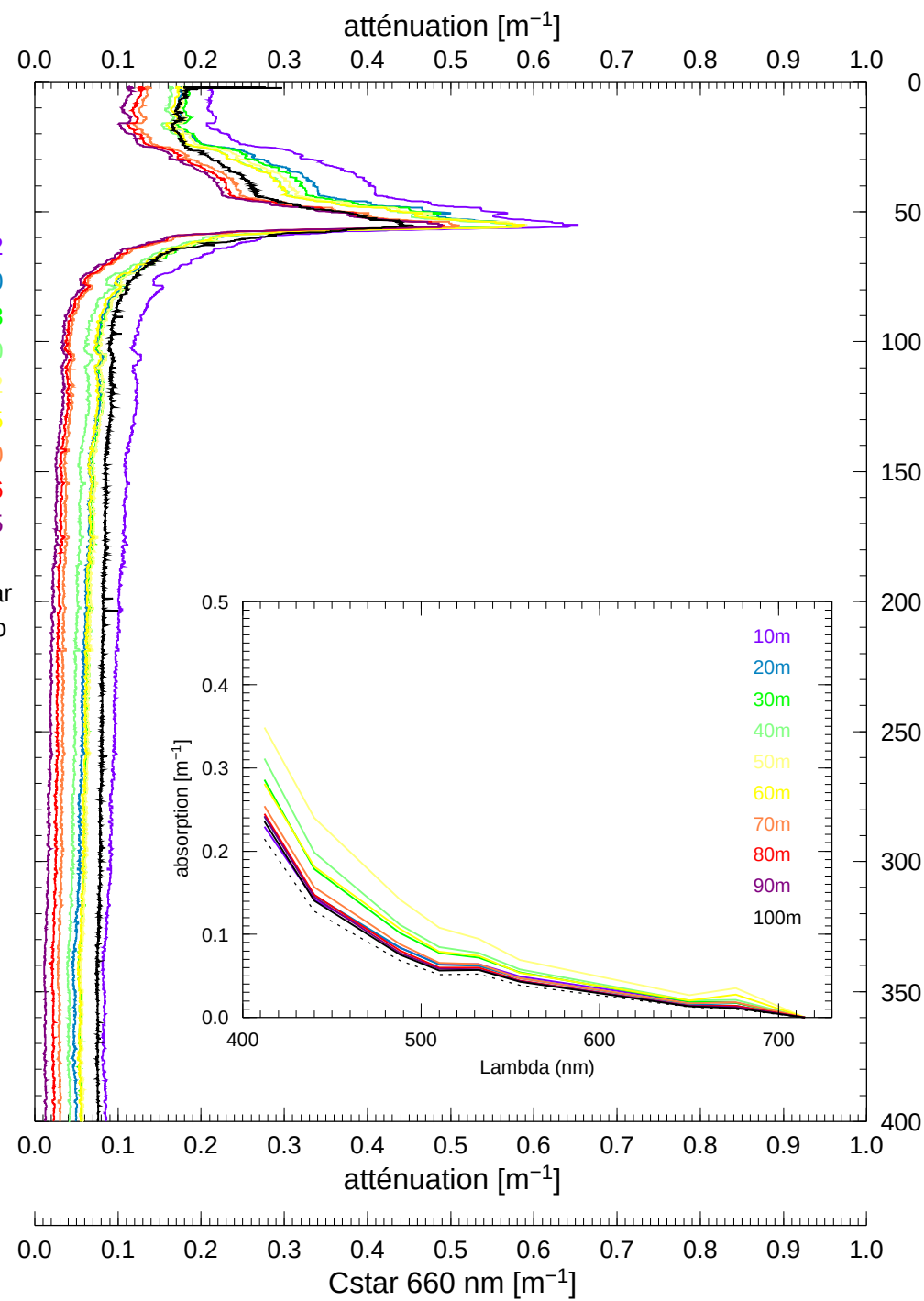
Corrections TS et diffusion : $a_\lambda = a_\lambda - a_{715}$



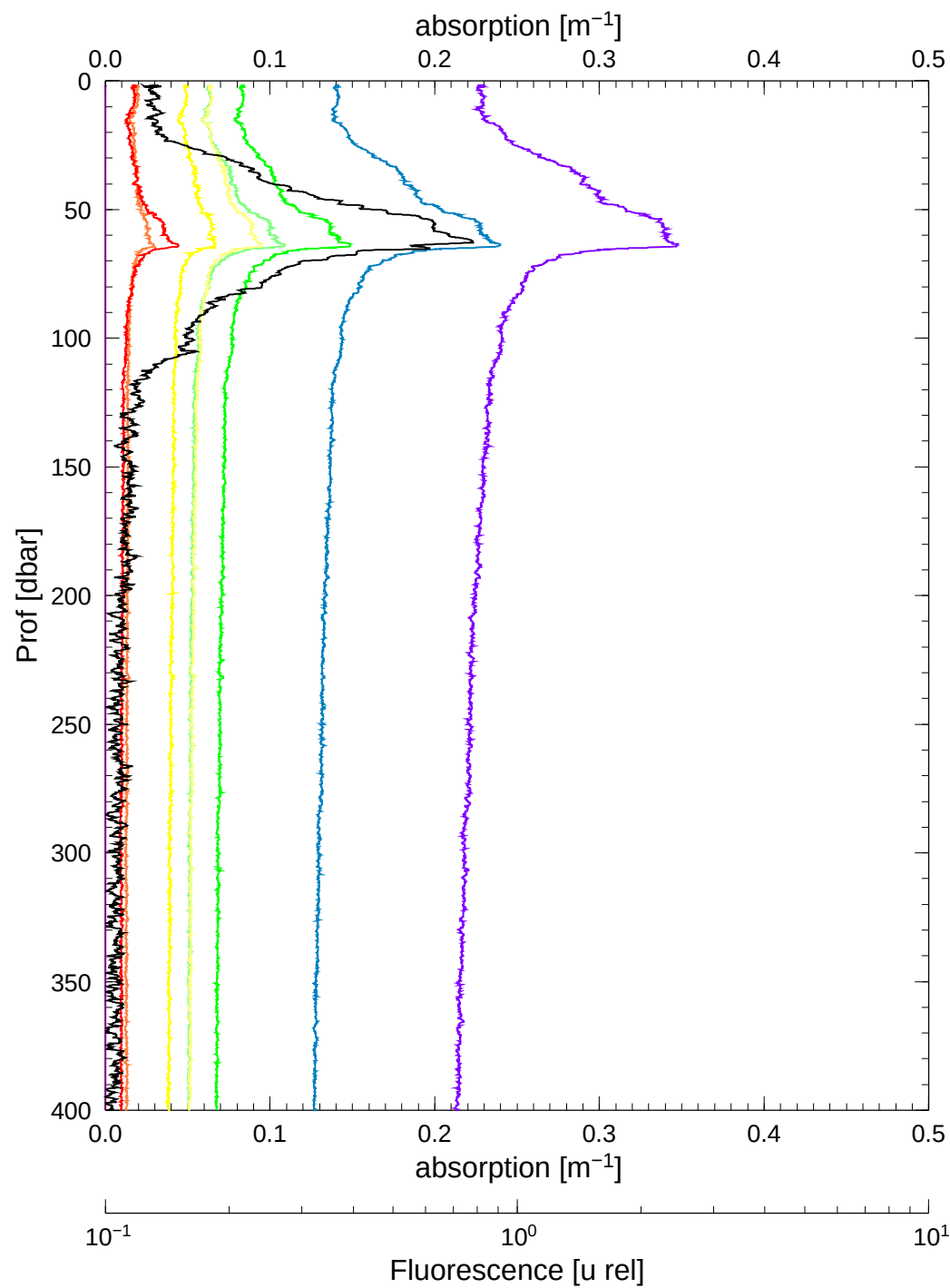
Boussole 55 Jul 09 2006 ac9008 bous008



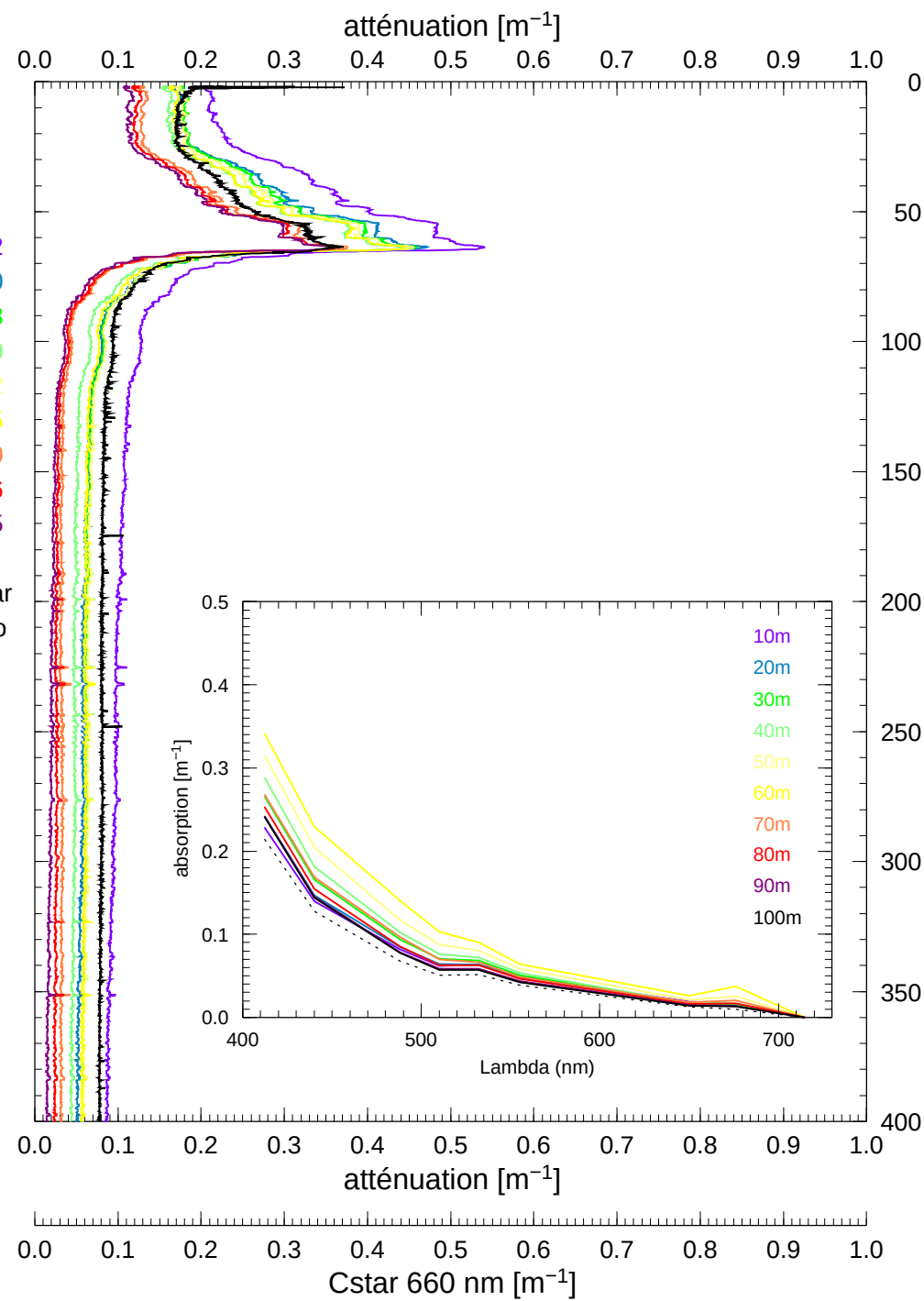
Corrections TS et diffusion : $a_\lambda = a_\lambda - a_{715}$



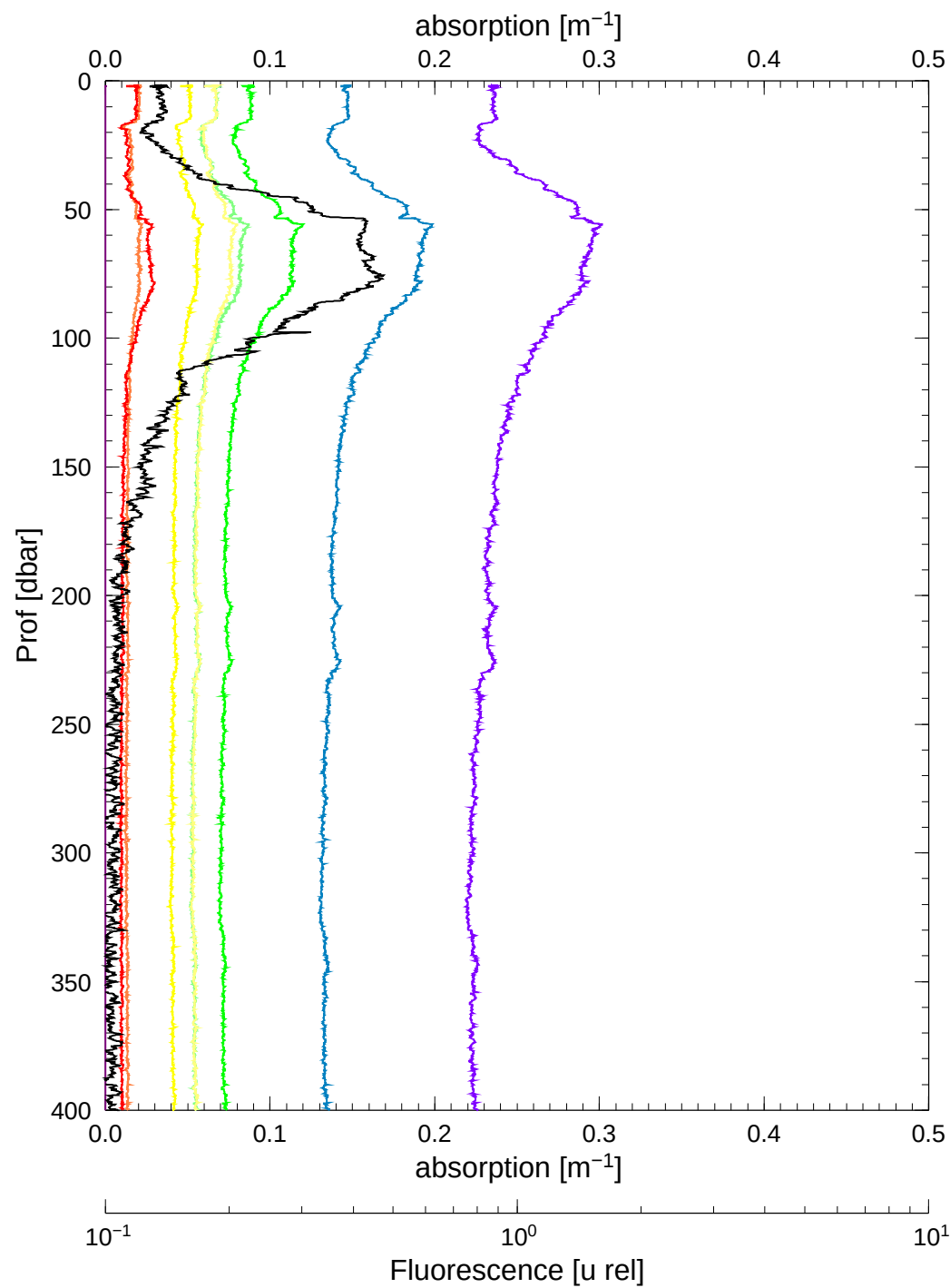
Boussole 55 Jul 09 2006 ac9009 bous009



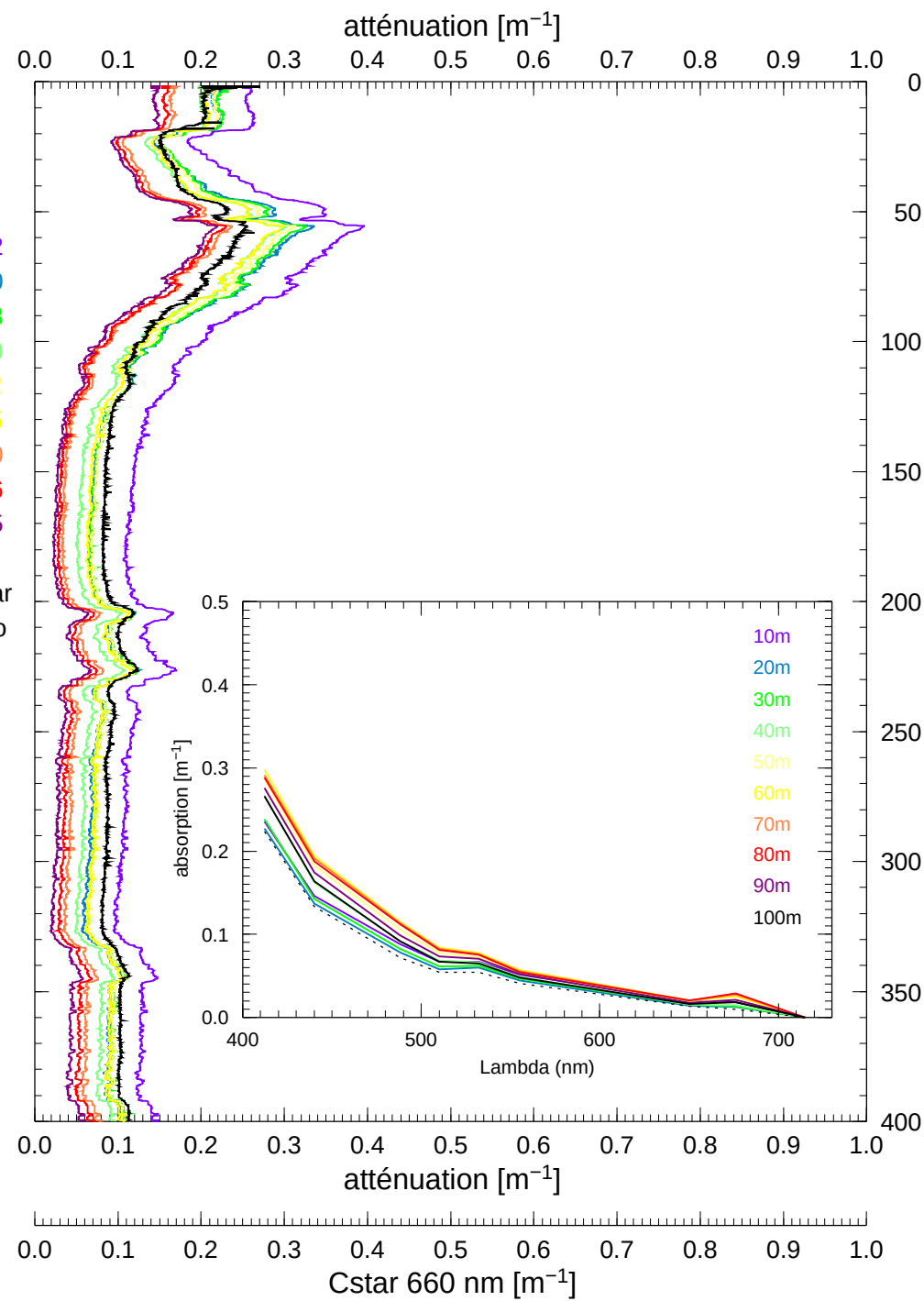
Corrections TS et diffusion : $a_\lambda = a_\lambda - a_{715}$



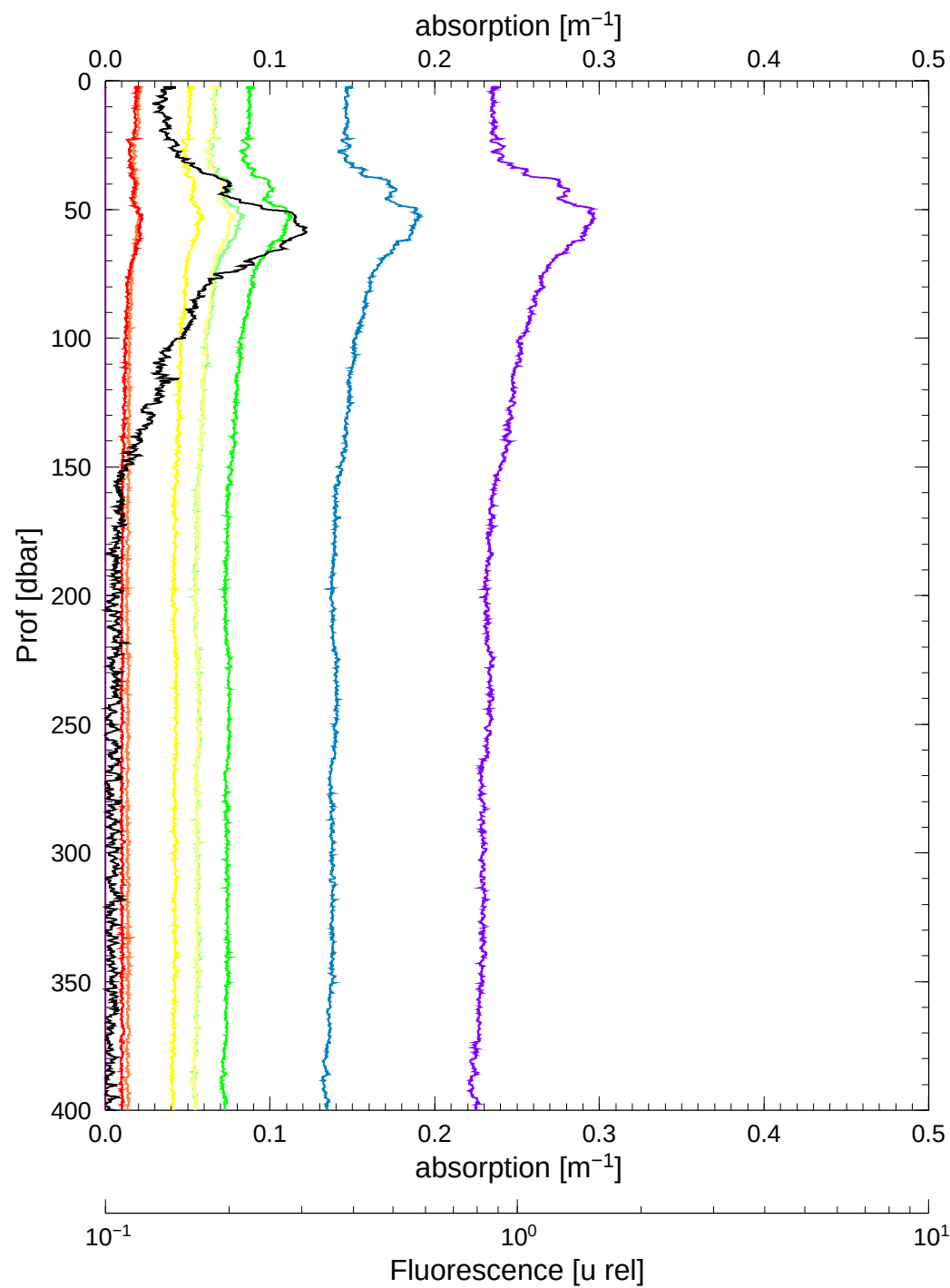
Boussole 55 Jul 09 2006 ac9010 bous010



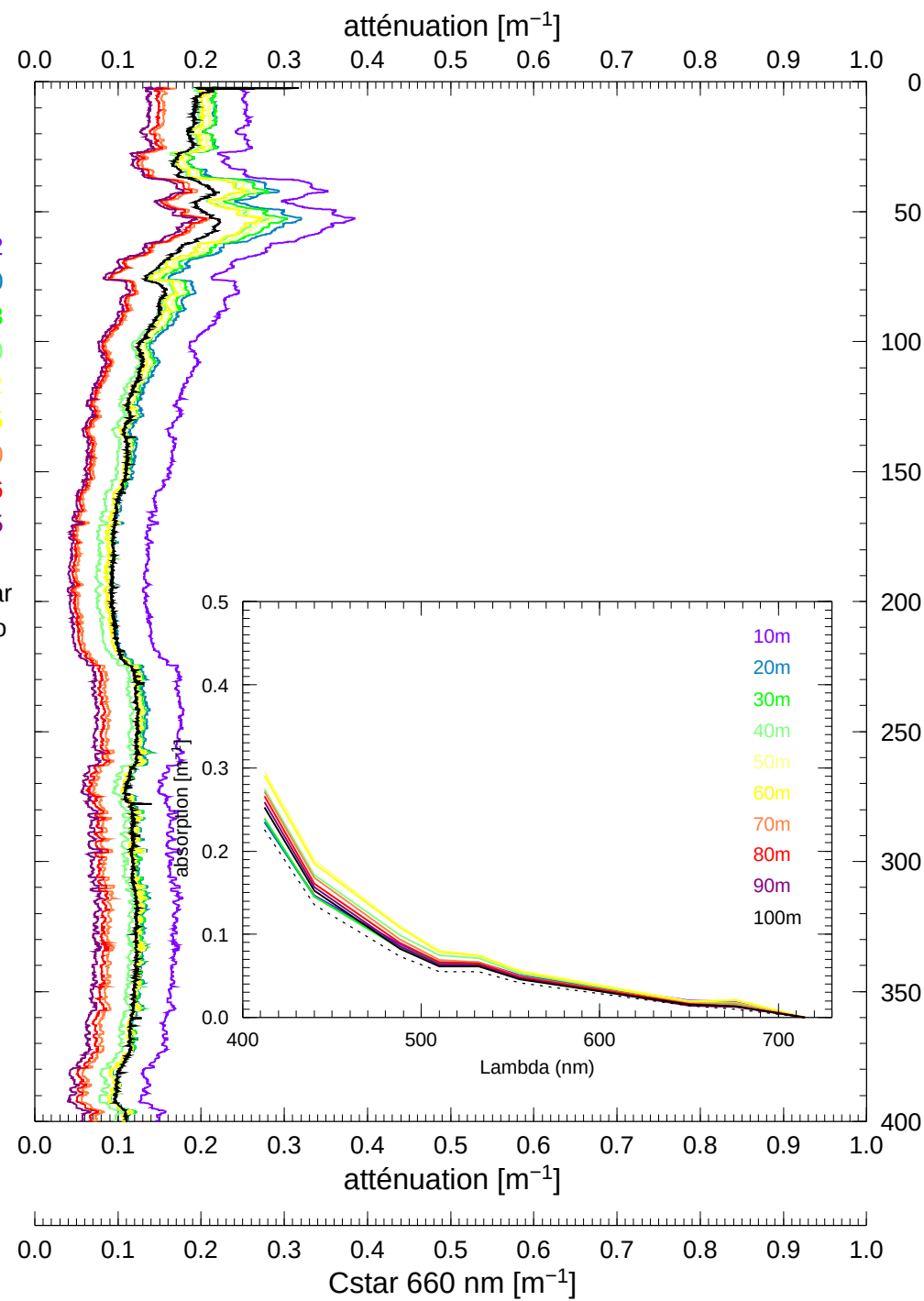
Corrections TS et diffusion : $a_\lambda = a_\lambda - a_{715}$

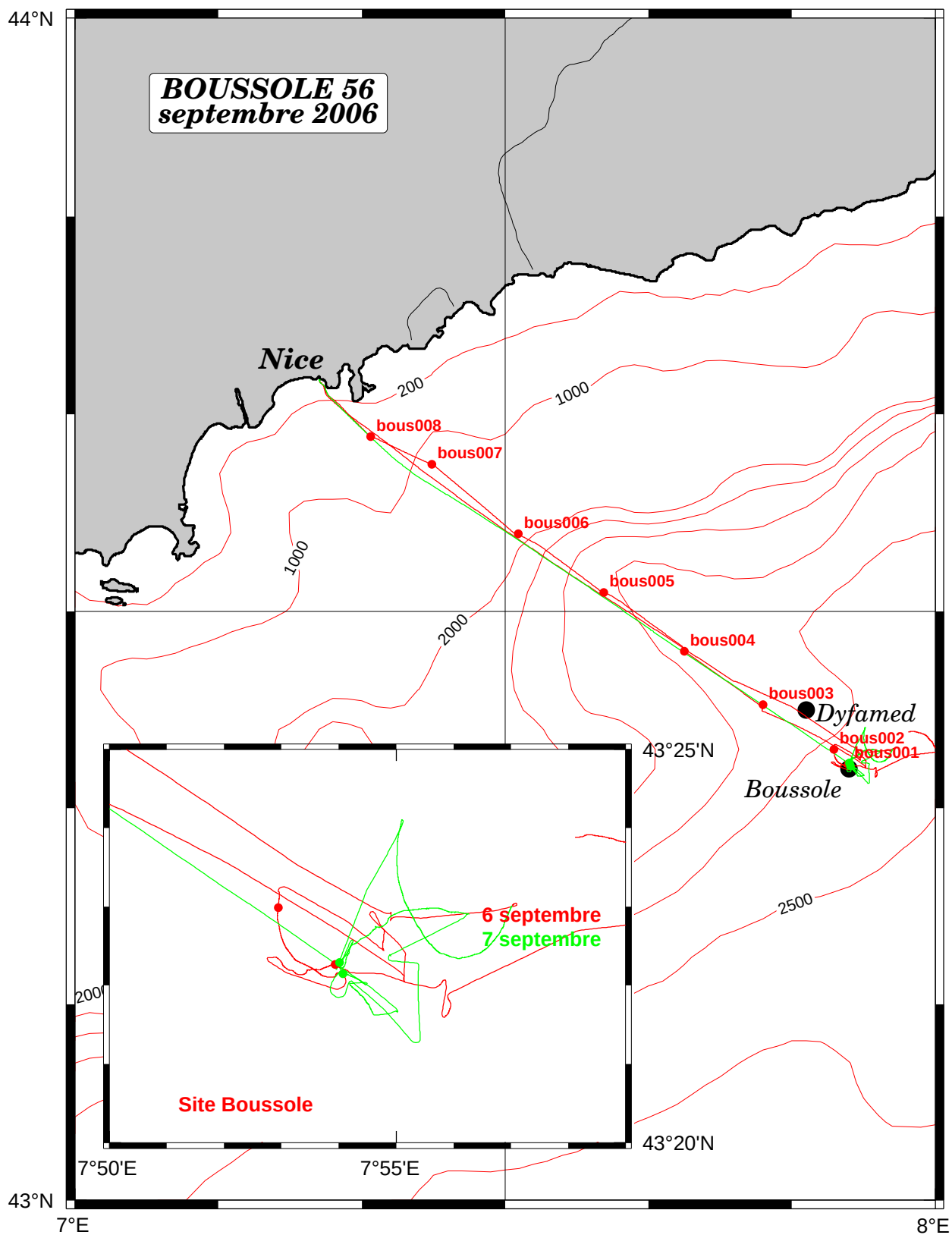


Boussole 55 Jul 09 2006 ac9011 bous011



Corrections TS et diffusion : $a_\lambda = a_\lambda - a_{715}$





ASCII file: C:\boussole\sept2006\ctd\raw\calib.com

Configuration report for SBE 911/917 plus CTD

Frequency channels suppressed : 2
Voltage words suppressed : 0
Computer interface : RS-232C
Scans to average : 1
Surface PAR voltage added : Yes
NMEA position data added : No
Scan time added : No

1) Frequency 0, **Temperature**

Serial number : 1378
Calibrated on : 11-Jan-06
G : 4.87144266e-003
H : 6.79438735e-004
I : 2.72042898e-005
J : 2.17814067e-006
F0 : 1000.000
Slope : 1.00000000
Offset : 0.0000

2) Frequency 1, **Conductivity**

Serial number : 2929
Calibrated on : 10-Jan-06
G : -1.06099003e+001
H : 1.42248392e+000
I : 2.00064186e-005
J : 6.17534200e-005
CTcor : 3.2500e-006
CPcor : -9.57000000e-008
Slope : 1.00000000
Offset : 0.00000

3) Frequency 2, **Pressure, Digiquartz with TC**

Serial number : 53981
Calibrated on : 11-Jan-95
C1 : -4.499337e+004
C2 : 4.543683e-001
C3 : 1.505020e-002
D1 : 3.936600e-002
D2 : 0.000000e+000
T1 : 3.004660e+001
T2 : -1.897714e-004
T3 : 4.727060e-006
T4 : 1.923520e-009
T5 : 0.000000e+000
Slope : 0.99985000
Offset : 0.11430
AD590M : 1.138000e-002
AD590B : -8.189160e+000

4) A/D voltage 0, **Oxygen, SBE 43**

Serial number : 0587
Calibrated on : 10-Jan-04
Soc : 3.5840e-001
Boc : 0.0000
Offset : -0.4782
Tcor : 0.0012
Pcor : 1.35e-004
Tau : 0.0

5) A/D voltage 1, Free

6) A/D voltage 2, **Fluorometer, Chelsea Aqua 3**

Serial number : 088193
Calibrated on : 27-oct-97
VB : 0.165000
V1 : 1.933000
Vacetone : 0.250000
Scale factor : 1.000000
Slope : 1.000000
Offset : 0.000000

7) A/D voltage 3, Free

8) A/D voltage 4, **Fluorometer, Wetlab CDOM**

Serial number : 1095P
Calibrated on : 31-Jul-06
Vblank : 0.058
Scale factor : 62.000

9) A/D voltage 5, Free

10) A/D voltage 6, **Transmissometer, Wetlab CStar**

Serial number : 887DR
Calibrated on : 13-Feb-06
M : 21.4500
B : -1.2870
Path length : 0.250

11) A/D voltage 7, Free

12) SPAR voltage, Unavailable

13) SPAR voltage, **SPAR/Surface Irradiance**

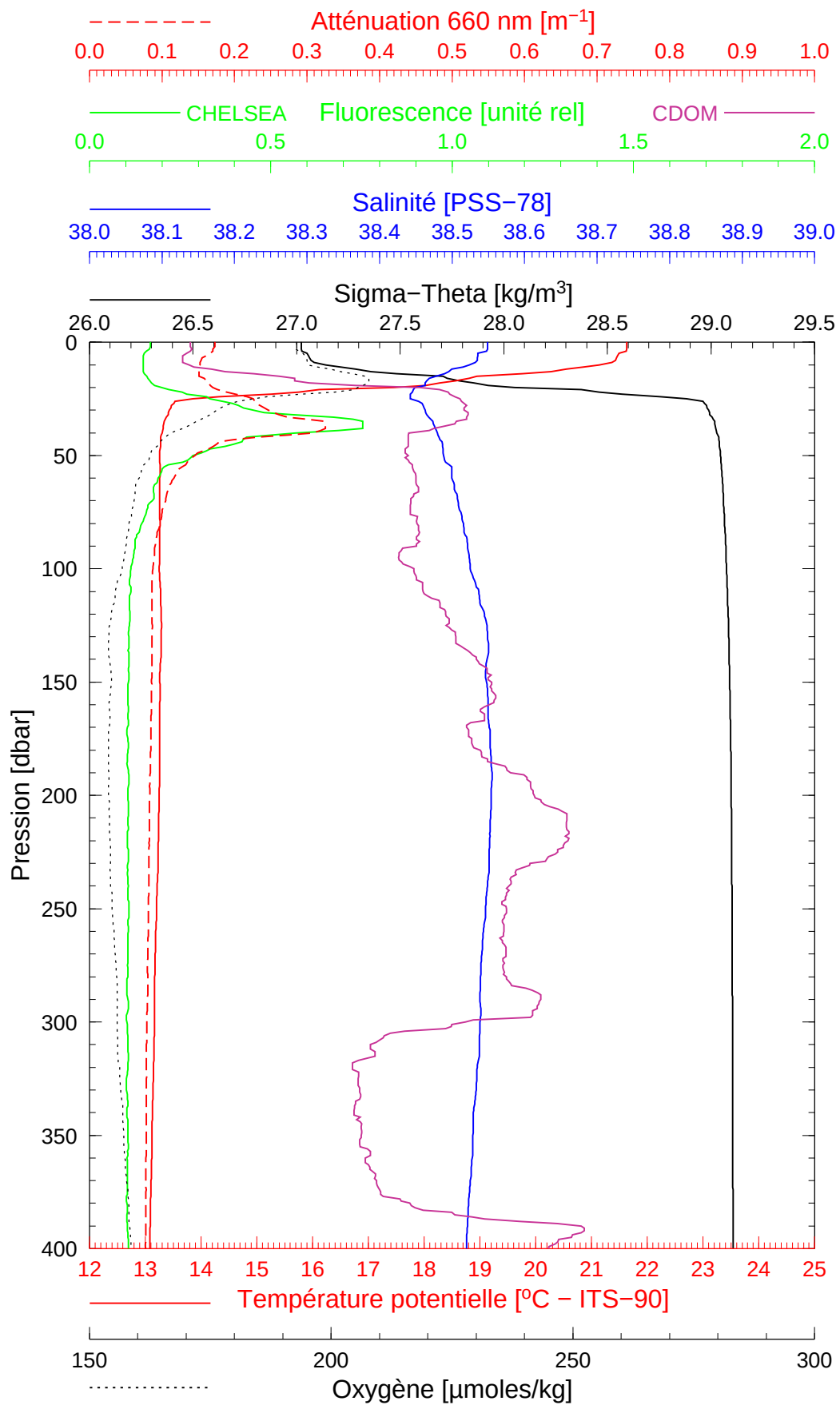
Serial number : 6326
Calibrated on : 24-fev-95
Conversion factor : 753.25000000
Ratio multiplier : 1.00000000

Boussole 56

06/09/2006

BOUS060906_01

BOUS001



Date 06/09/2006
Heure déb 07h 51min [TUJ]

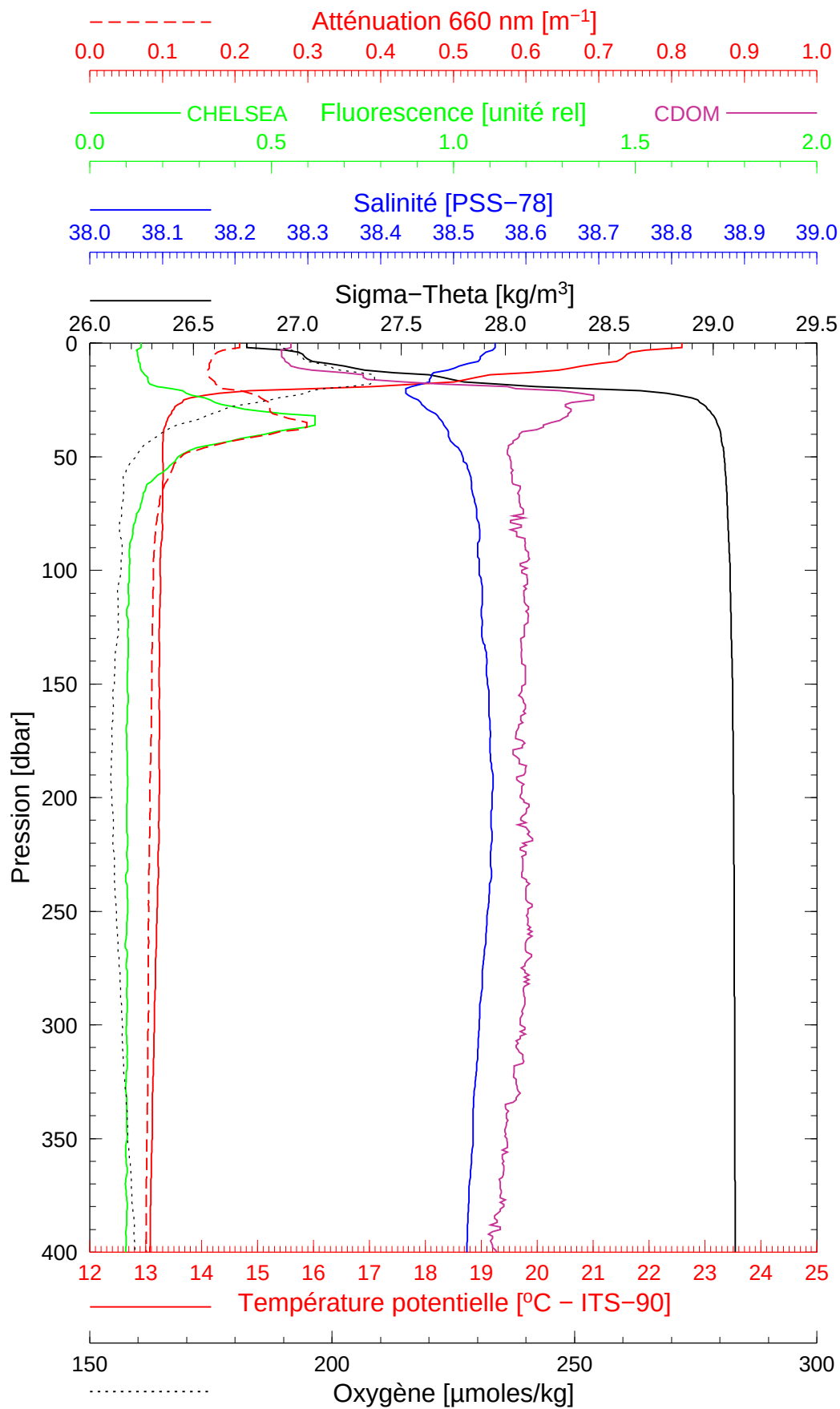
Latitude $43^{\circ}22.266\text{ N}$
Longitude $07^{\circ}53.933\text{ E}$

Boussole 56

06/09/2006

BOUS060906_02

BOUS002



Date 06/09/2006
Heure déb 12h 47min [TU]

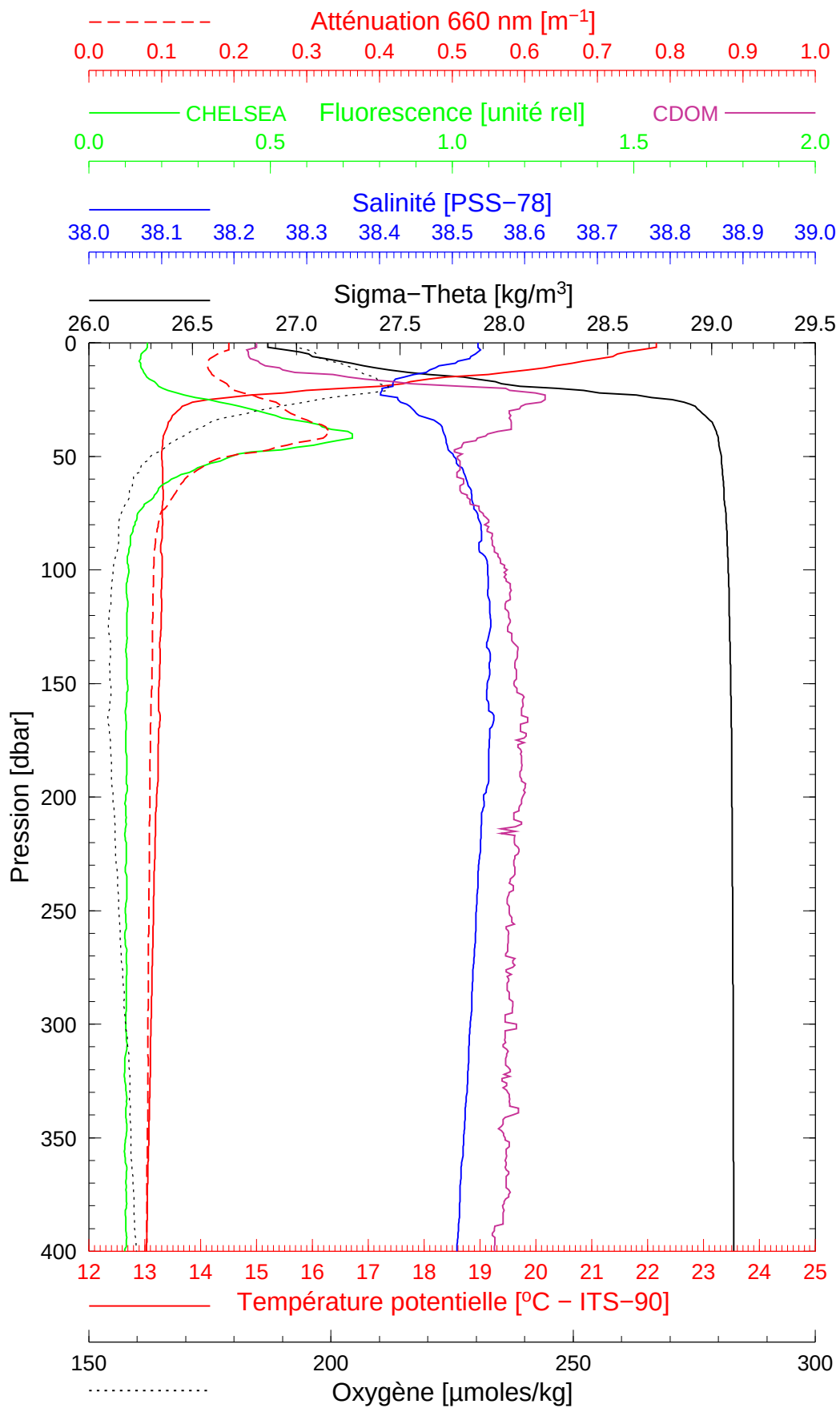
Latitude $43^{\circ}22.993\text{ N}$
Longitude $07^{\circ}52.945\text{ E}$

Boussole 56

06/09/2006

BOUS060906_03

BOUS003



Date 06/09/2006
Heure déb 14h 54min [TU]

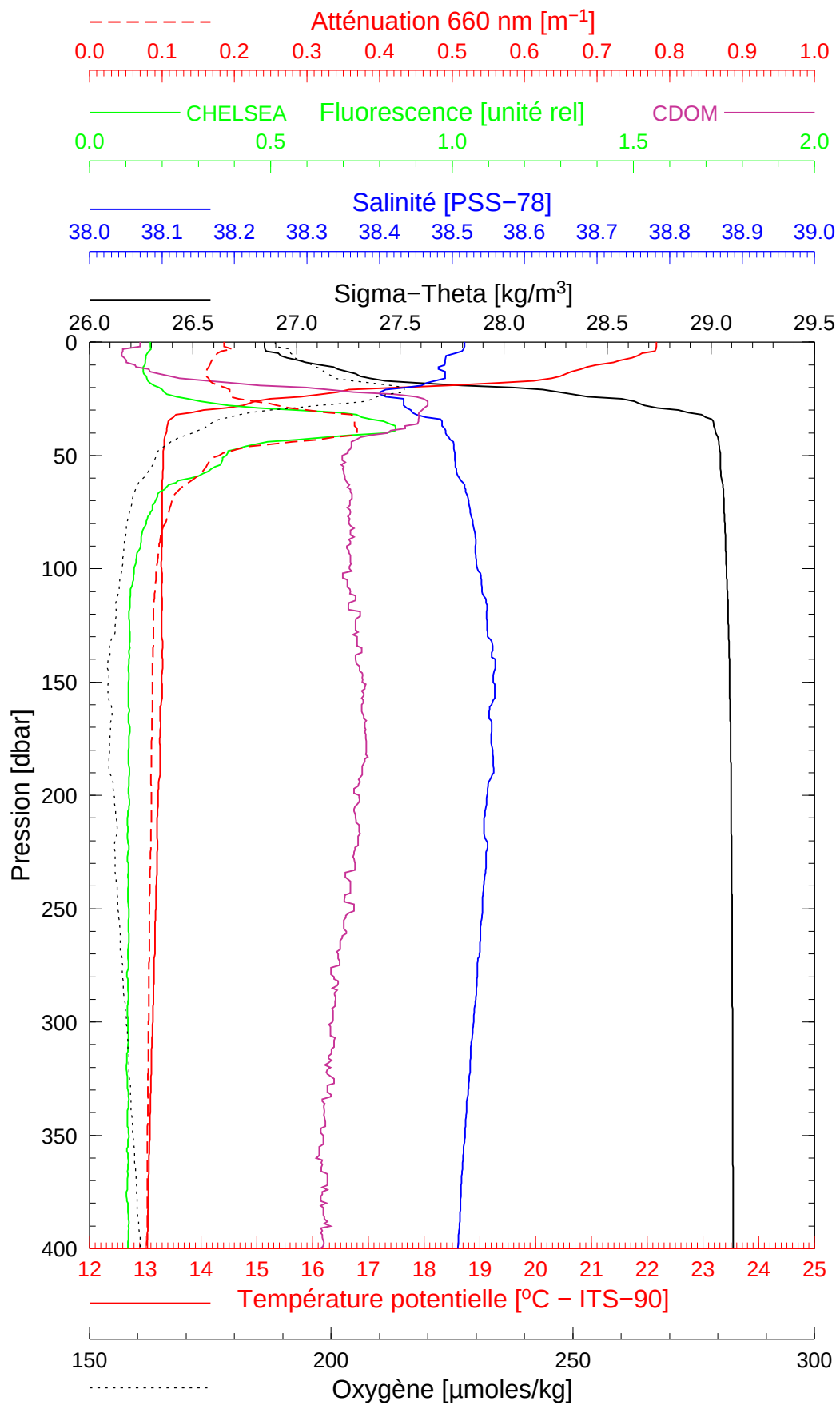
Latitude $43^{\circ}25.265\text{ N}$
Longitude $07^{\circ}47.984\text{ E}$

Boussole 56

06/09/2006

BOUS060906_04

BOUS004



Date 06/09/2006
Heure déb 15h 49min [TU]

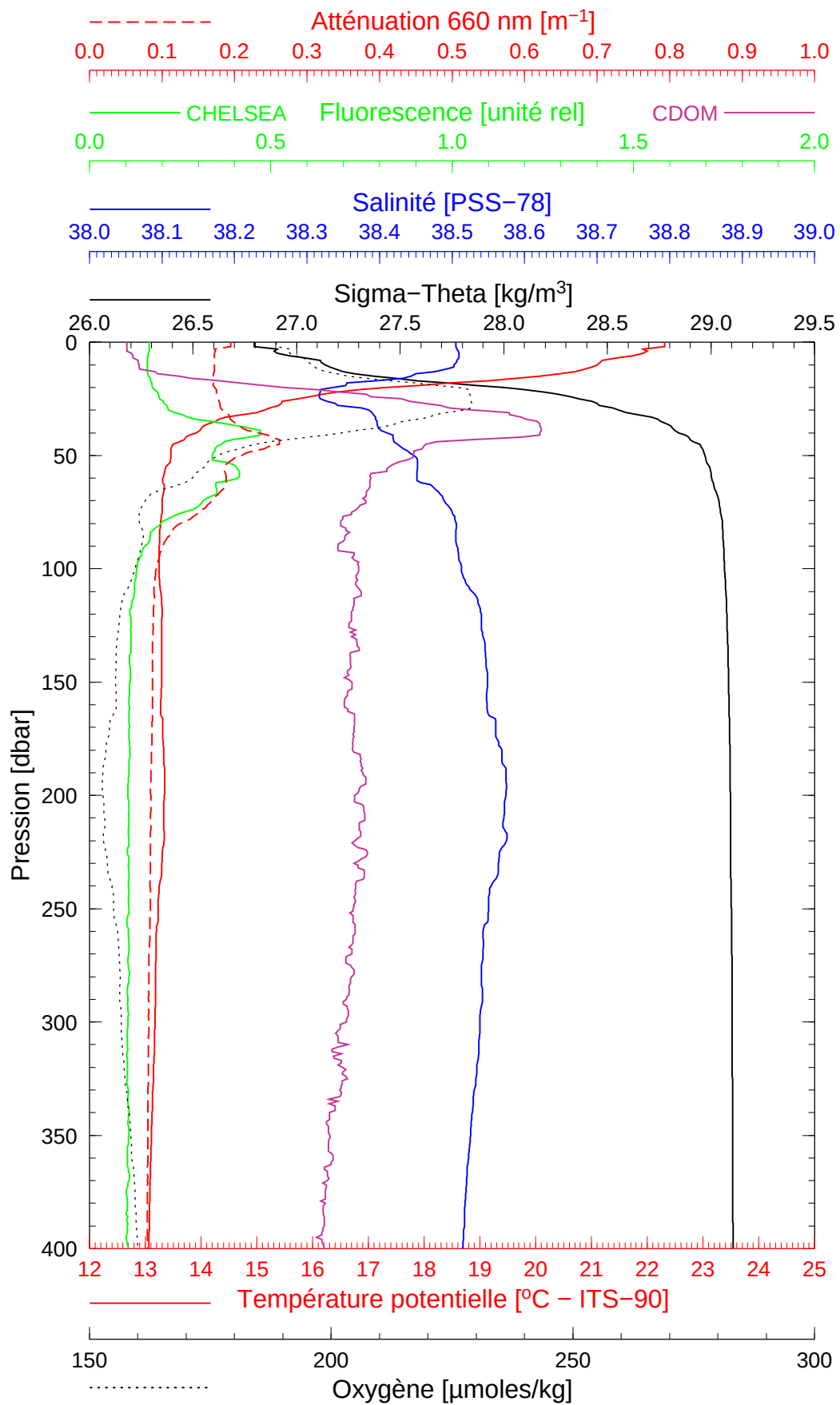
Latitude 43°27.972 N
Longitude 07°42.509 E

Boussole 56

06/09/2006

BOUS060906_05

BOUS005



Date 06/09/2006
Heure déb 16h 42min [TU]

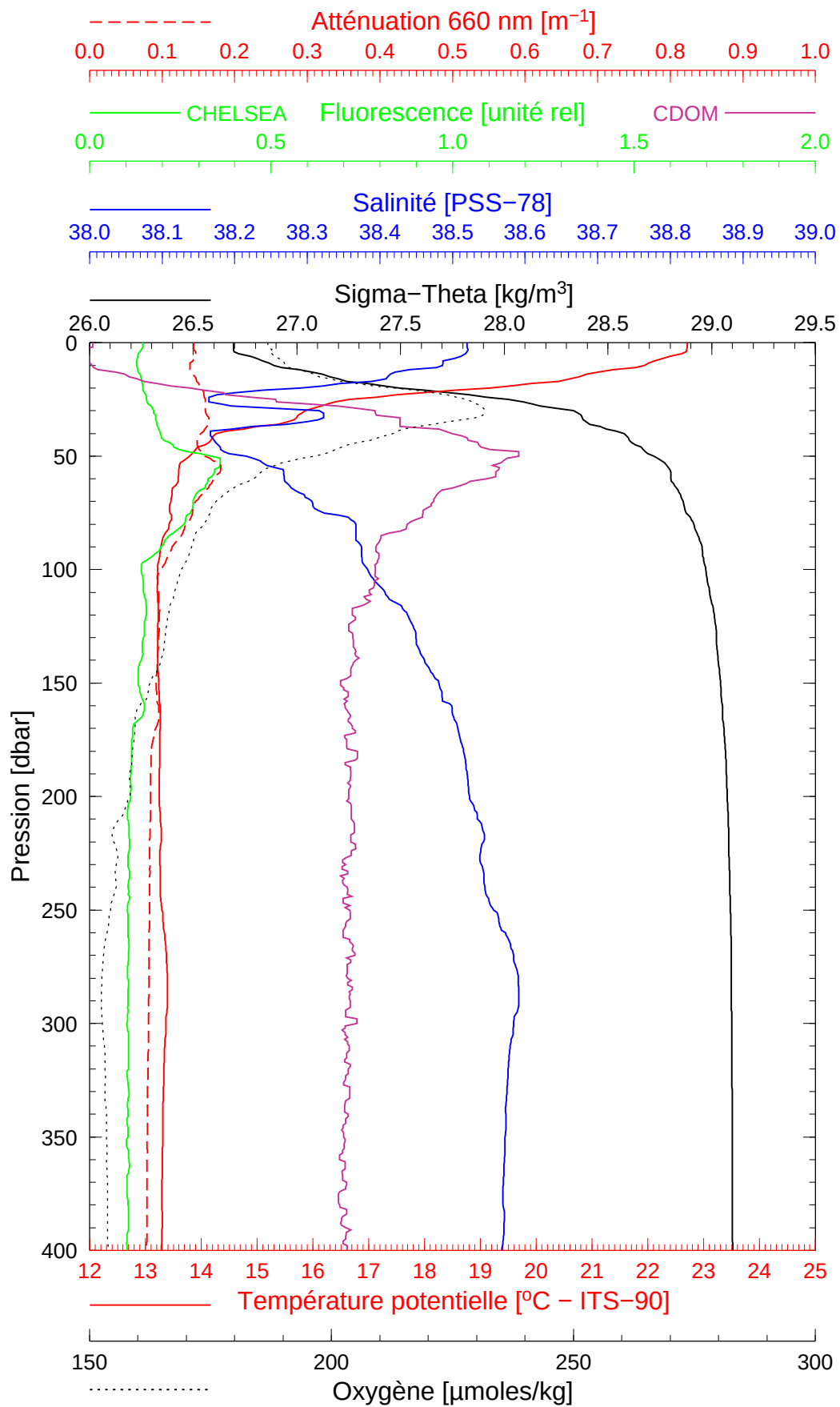
Latitude 43°30.974 N
Longitude 07°36.896 E

Boussole 56

06/09/2006

BOUS060906_06

BOUS006



Date 06/09/2006
Heure déb 17h 37min [TU]

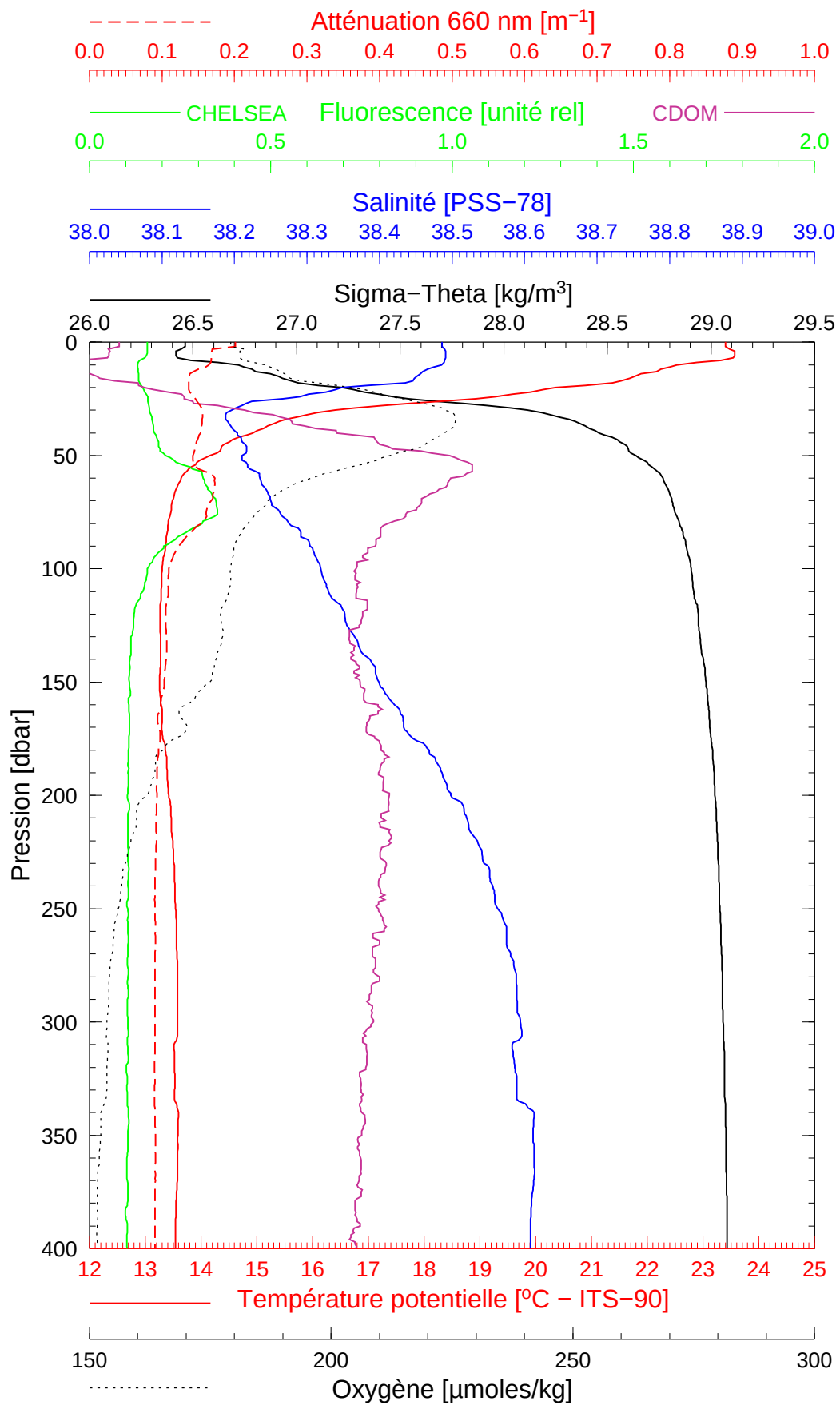
Latitude 43°33.950 N
Longitude 07°30.916 E

Boussole 56

06/09/2006

BOUS060906_07

BOUS007



Date 06/09/2006
Heure déb 18h 34min [TU]

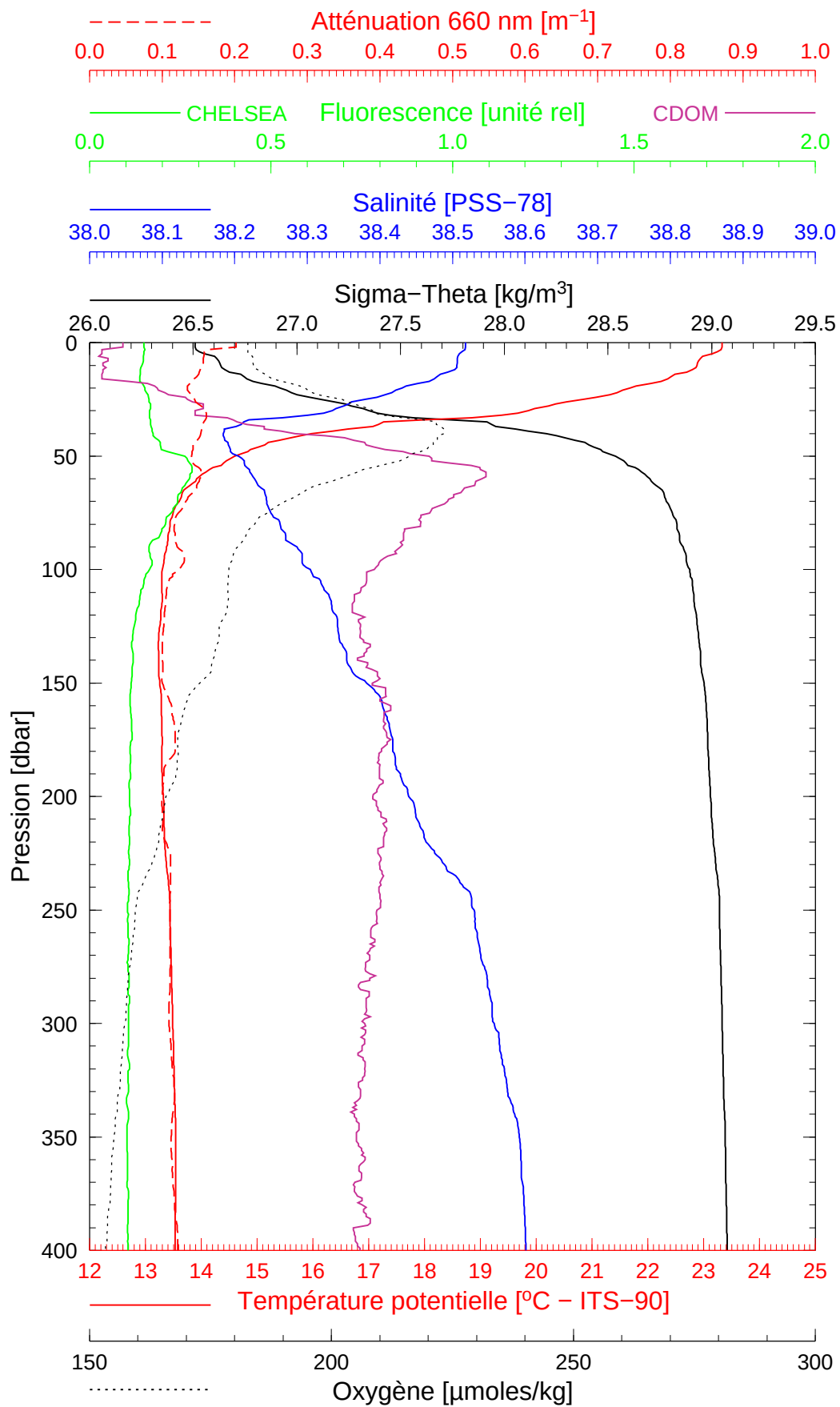
Latitude 43°37.466 N
Longitude 07°24.886 E

Boussole 56

06/09/2006

BOUS060906_08

BOUS008



Date 06/09/2006
Heure déb 18h 34min [TU]

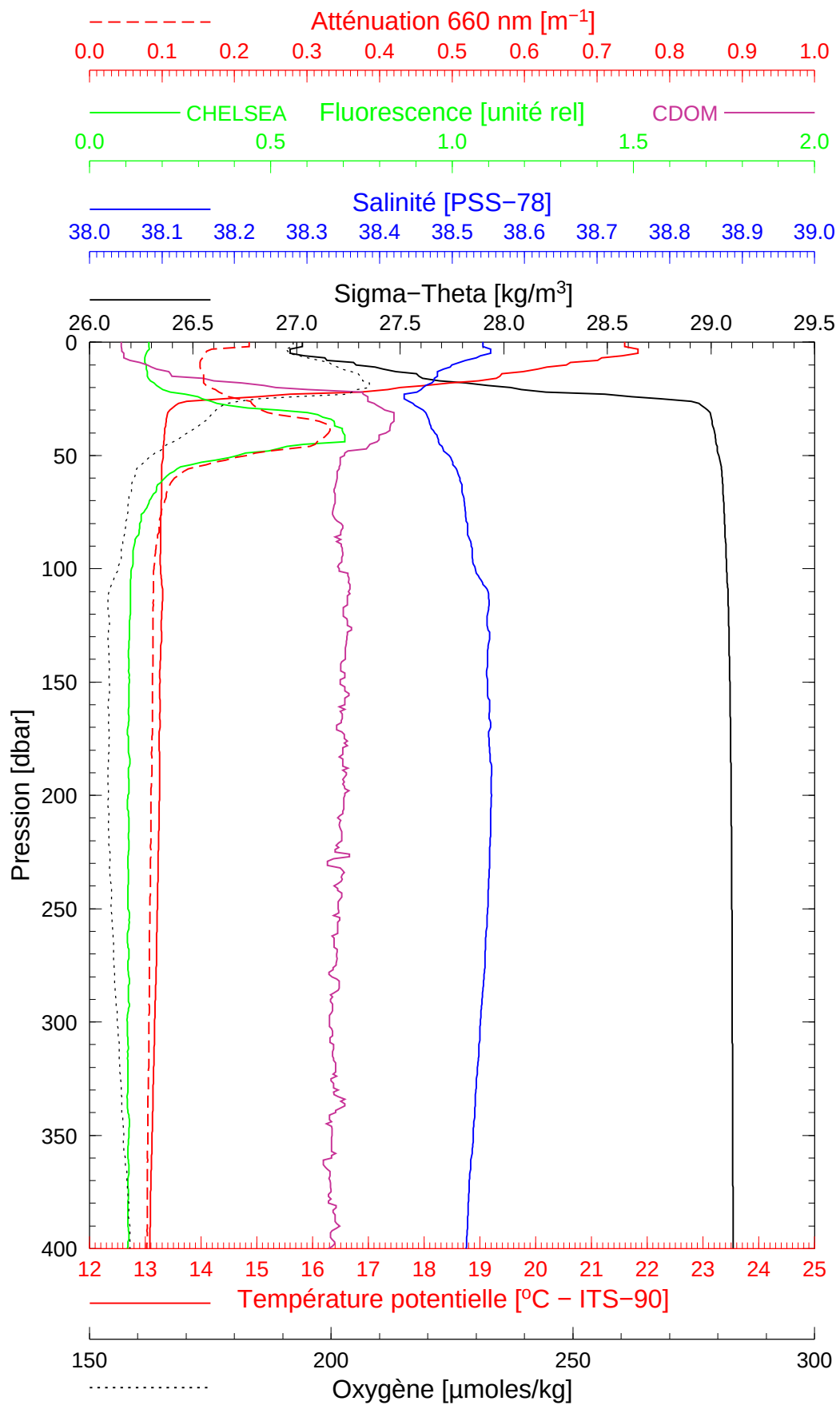
Latitude $43^{\circ}37.466$ N
Longitude $07^{\circ}24.886$ E

Boussole 56

07/09/2006

BOUS060907_01

BOUS009



Date 07/09/2006
Heure déb 07h 27min [TU]

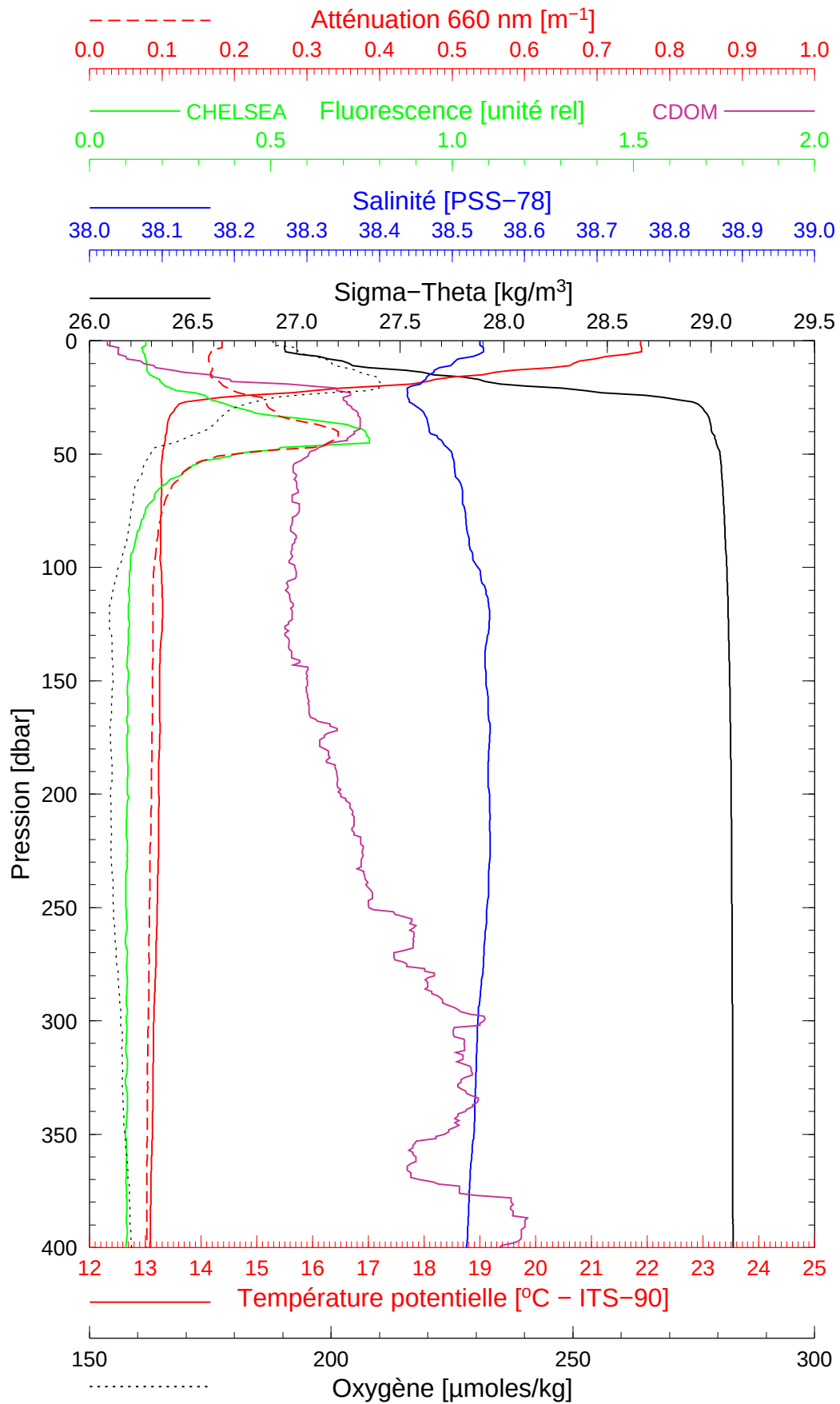
Latitude 43°22.292 N
Longitude 07°54.015 E

Boussole 56

07/09/2006

BOUS060907_02

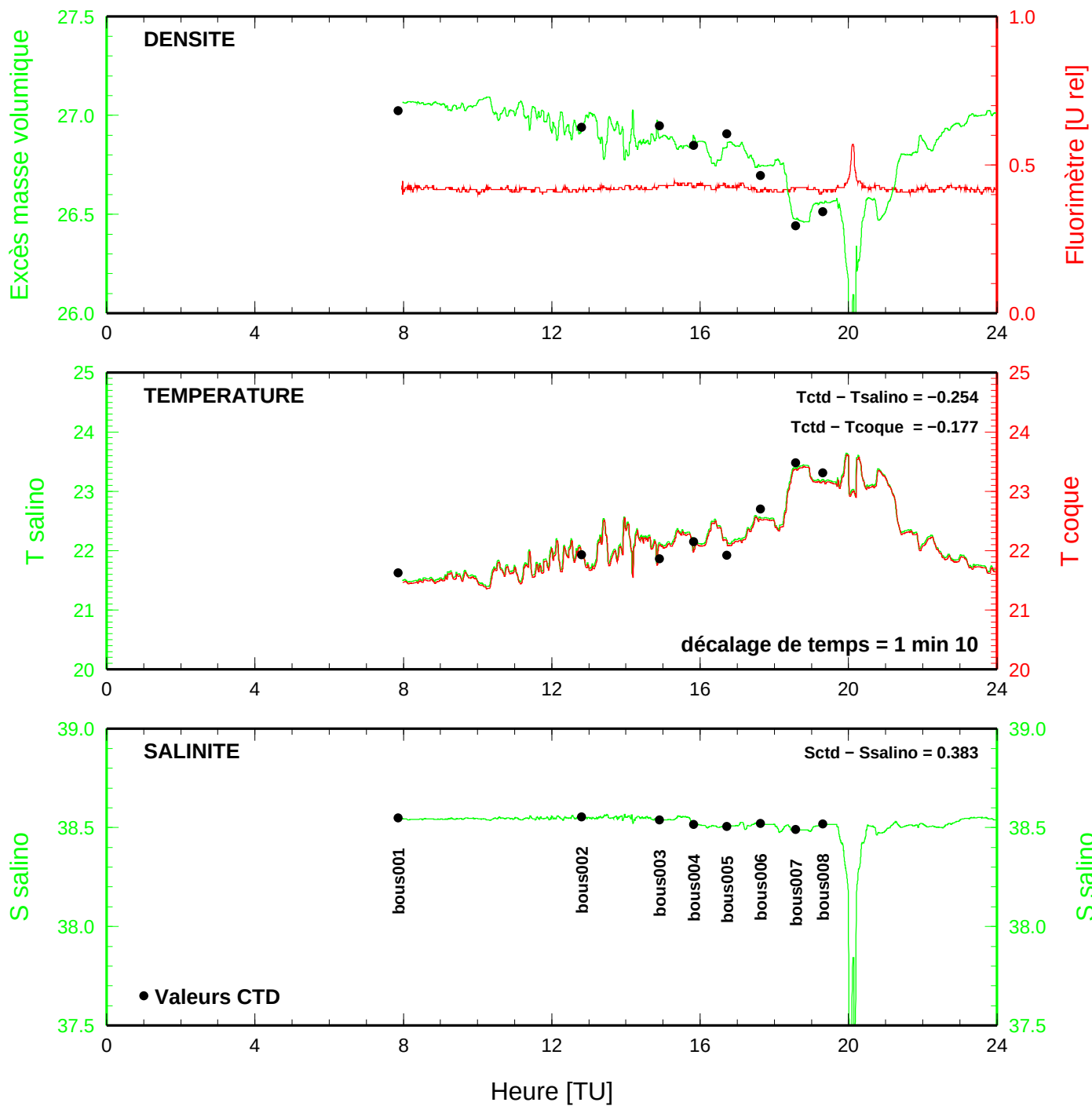
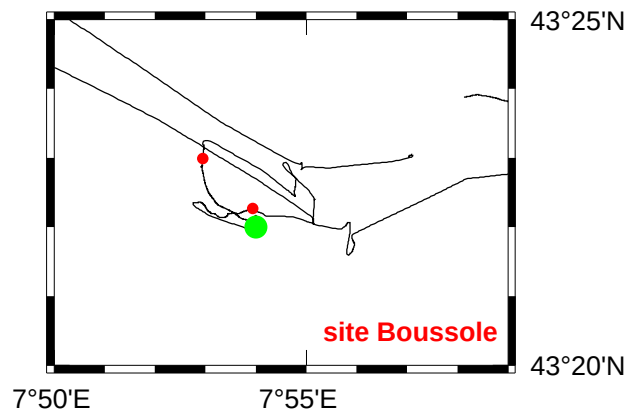
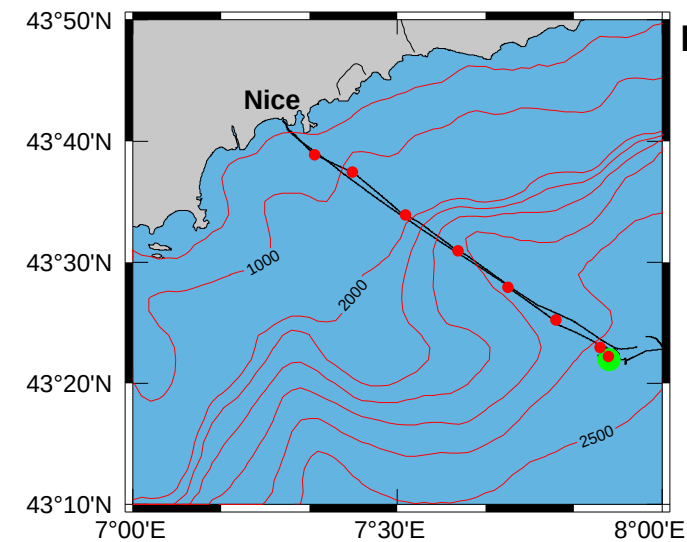
BOUS010



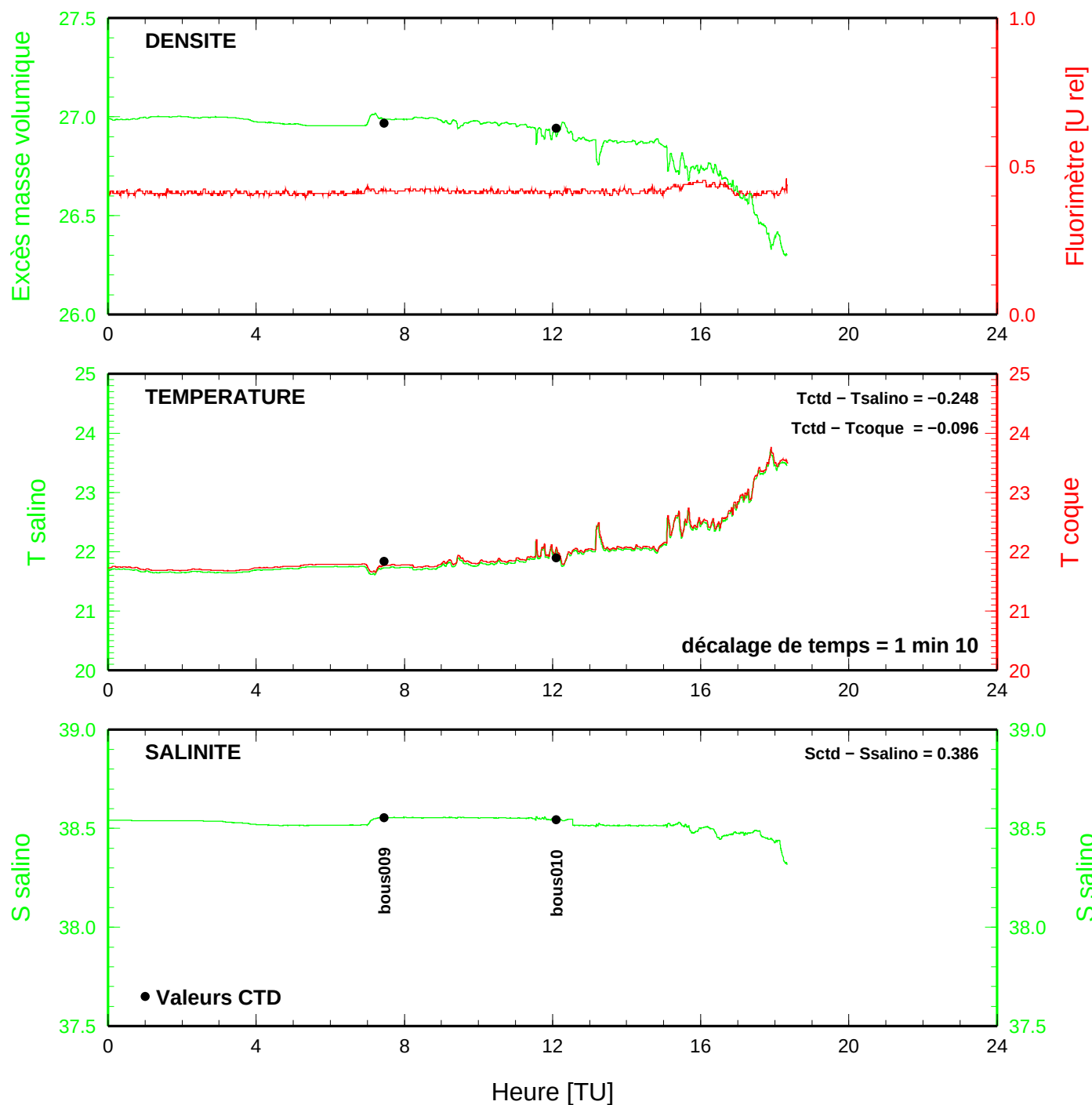
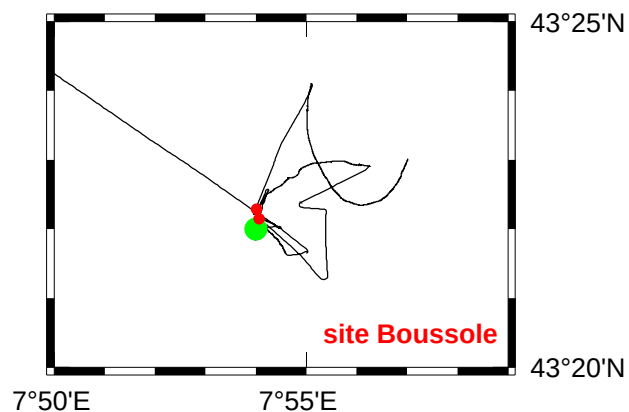
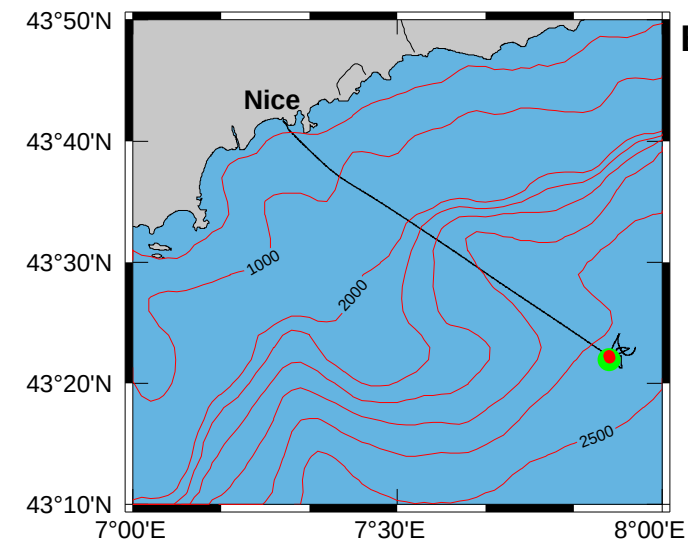
Date 07/09/2006
Heure déb 12h 05min [TU]

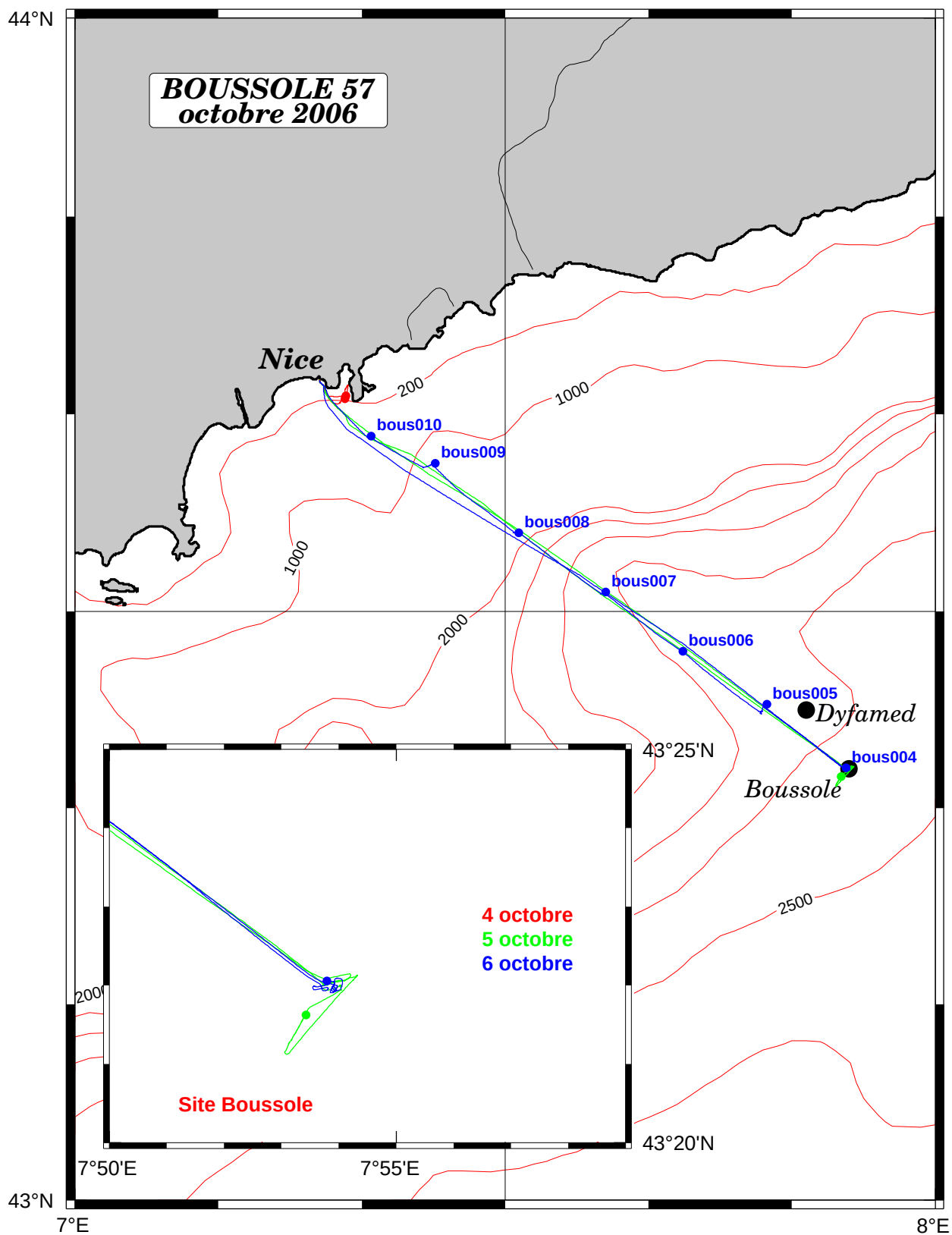
Latitude 43°22.152 N
Longitude 07°54.070 E

BOUSSOLE 56 06 septembre 2006



BOUSSOLE 56 07 septembre 2006





ASCII file: C:\boussole\oct2006\ctd\raw\calib.com

Configuration report for SBE 911/917 plus CTD

Frequency channels suppressed : 2
Voltage words suppressed : 0
Computer interface : RS-232C
Scans to average : 1
Surface PAR voltage added : Yes
NMEA position data added : No
Scan time added : No

1) Frequency 0, **Temperature**

Serial number : **1378**
Calibrated on : 11-Jan-06
G : 4.87144266e-003
H : 6.79438735e-004
I : 2.72042898e-005
J : 2.17814067e-006
F0 : 1000.000
Slope : 1.00000000
Offset : 0.0000

2) Frequency 1, **Conductivity**

Serial number : **2929**
Calibrated on : 10-Jan-06
G : -1.06099003e+001
H : 1.42248392e+000
I : 2.00064186e-005
J : 6.17534200e-005
CTcor : 3.2500e-006
CPcor : -9.57000000e-008
Slope : 1.00000000
Offset : 0.0000

3) Frequency 2, **Pressure, Digiquartz with TC**

Serial number : **53981**
Calibrated on : 11-Jan-95
C1 : -4.499337e+004
C2 : 4.543683e-001
C3 : 1.505020e-002
D1 : 3.936600e-002
D2 : 0.000000e+000
T1 : 3.004660e+001
T2 : -1.897714e-004
T3 : 4.727060e-006
T4 : 1.923520e-009
T5 : 0.000000e+000
Slope : 0.99985000
Offset : 0.11430
AD590M : 1.138000e-002
AD590B : -8.189160e+000

4) A/D voltage 0, **Oxygen, SBE 43**

Serial number : **0587**
Calibrated on : 10-Jan-04
Soc : 3.5840e-001
Boc : 0.0000
Offset : -0.4782
Tcor : 0.0012
Pcor : 1.35e-004
Tau : 0.0

5) A/D voltage 1, Free

6) A/D voltage 2, **Fluorometer, Chelsea Aqua 3**

Serial number : **088193**
Calibrated on : 27-oct-97
VB : 0.165000
V1 : 1.933000
Vacetone : 0.250000
Scale factor : 1.000000
Slope : 1.000000
Offset : 0.000000

7) A/D voltage 3, Free

8) A/D voltage 4, **Fluorometer, Wetlab CDOM**

Serial number : **1095P**
Calibrated on : 31-Jul-06
Vblank : 0.058
Scale factor : 62.000

9) A/D voltage 5, Free

10) A/D voltage 6, **Transmissometer, Wetlab CStar**

Serial number : **887DR**
Calibrated on : 13-Feb-06
M : 21.4500
B : -1.2870
Path length : 0.250

11) A/D voltage 7, Free

12) SPAR voltage, Unavailable

13) SPAR voltage, **SPAR/Surface Irradiance**

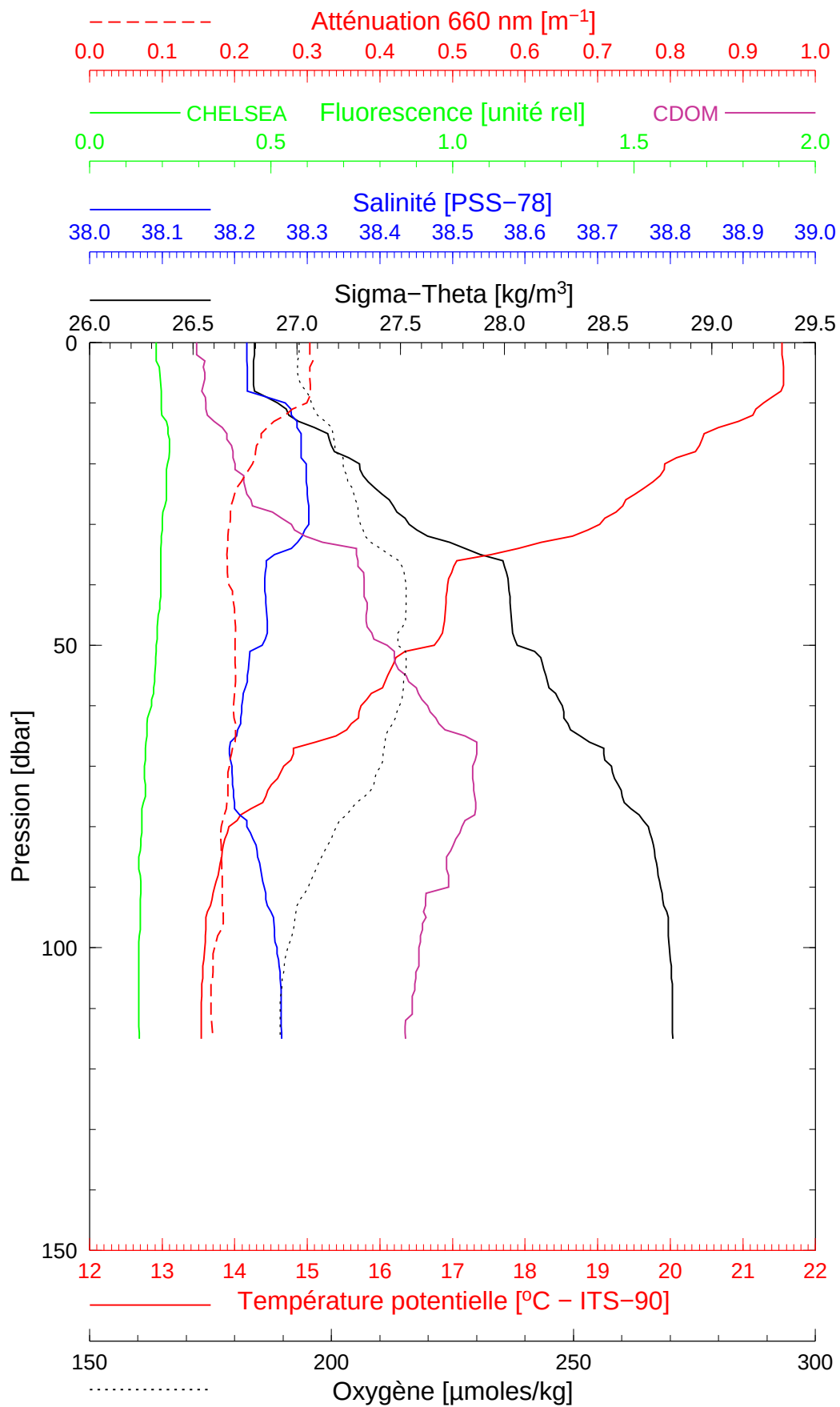
Serial number : **6326**
Calibrated on : 24-fev-95
Conversion factor : 753.25000000
Ratio multiplier : 1.00000000

Boussole 57

04/10/2006

BOUS061004_01

BOUS001 / point B



Date 04/10/2006
Heure déb 08h 32min [TU]

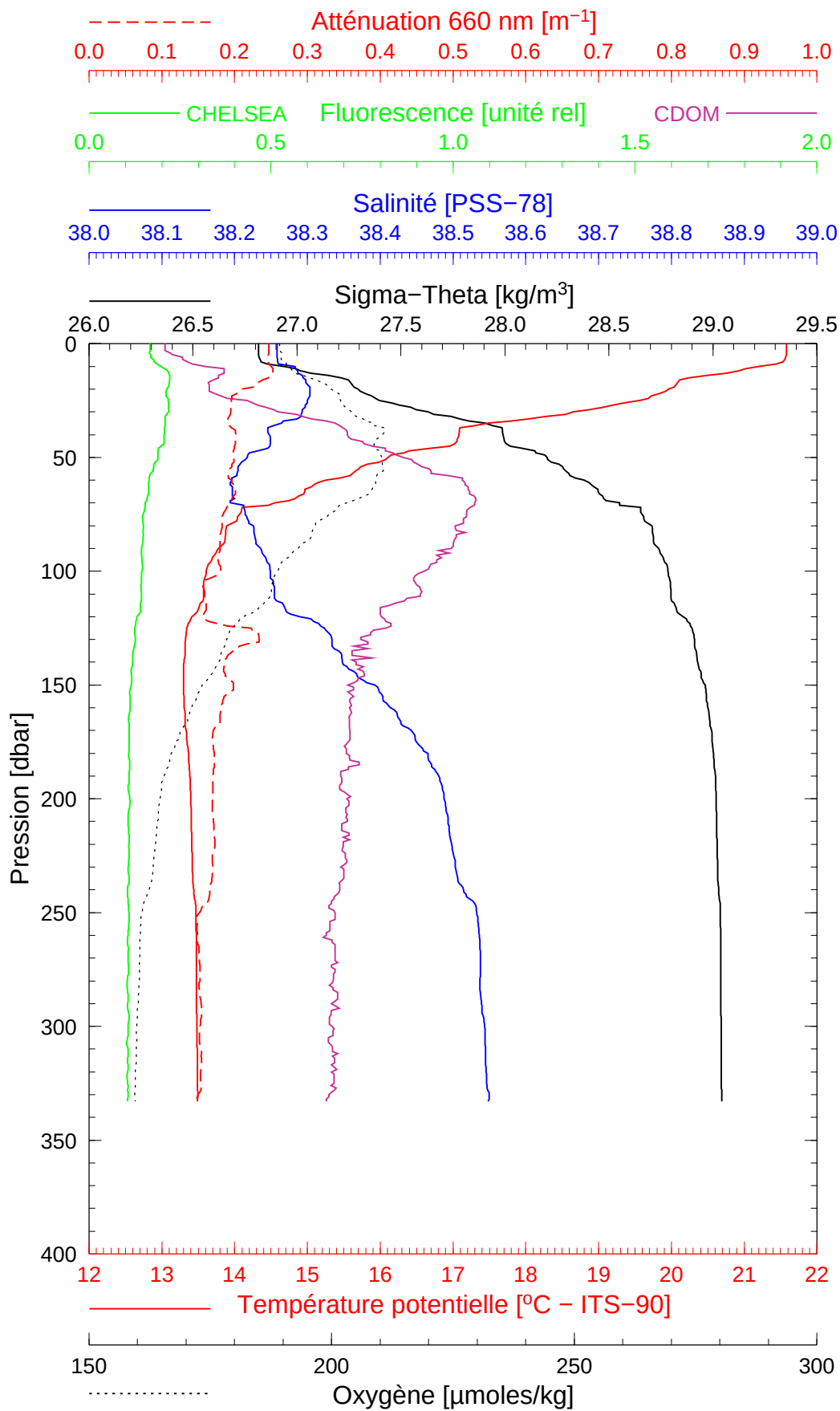
Latitude 43°40.941 N
Longitude 07°18.904 E

Boussole 57

04/10/2006

BOUS061004_02

BOUS002 / point C



Date 04/10/2006
Heure déb 09h 11min [TU]

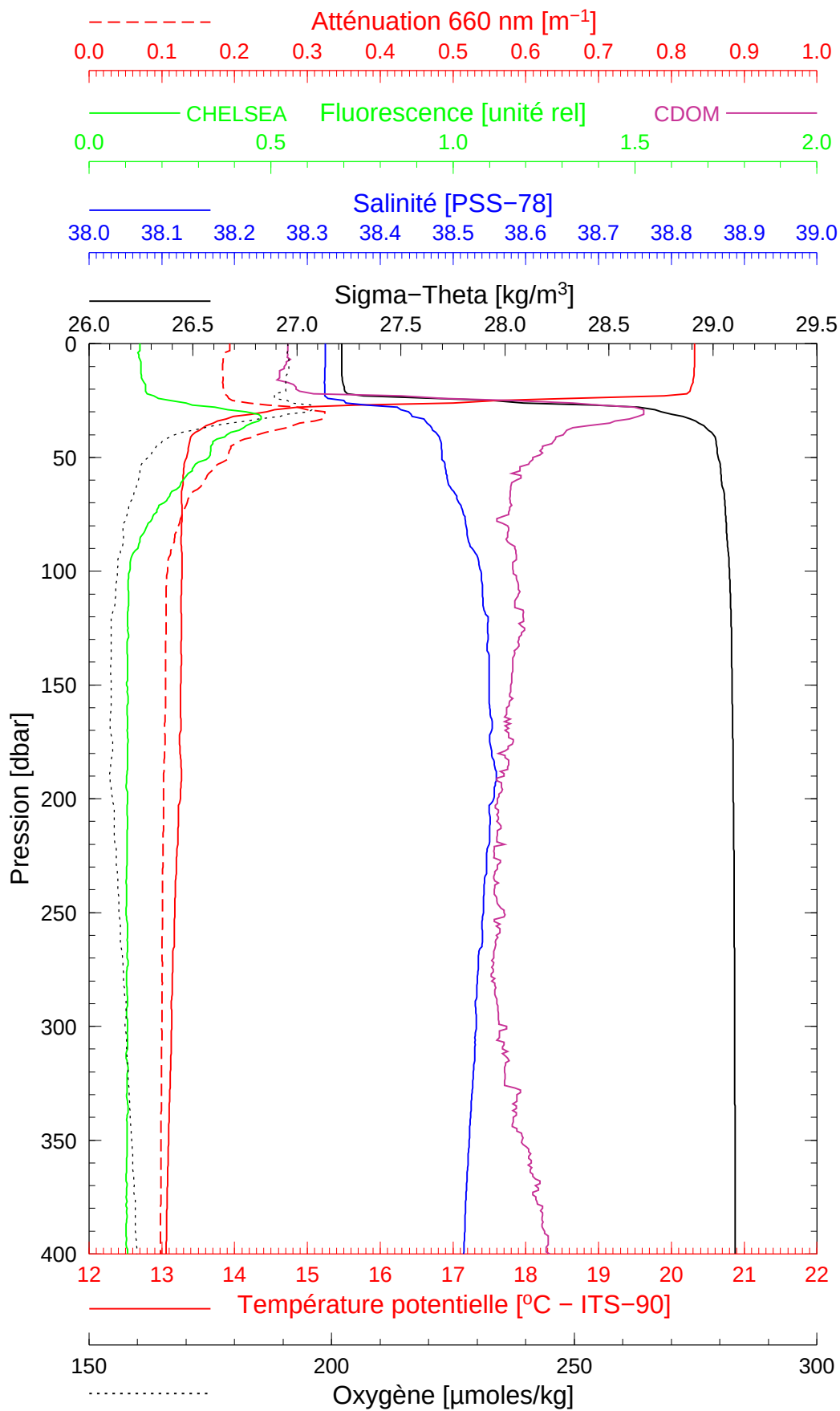
Latitude 43°40.774 N
Longitude 07°18.839 E

Boussole 57

05/10/2006

BOUS061005_01

BOUS003



Date 05/10/2006
Heure déb 13h 39min [TU]

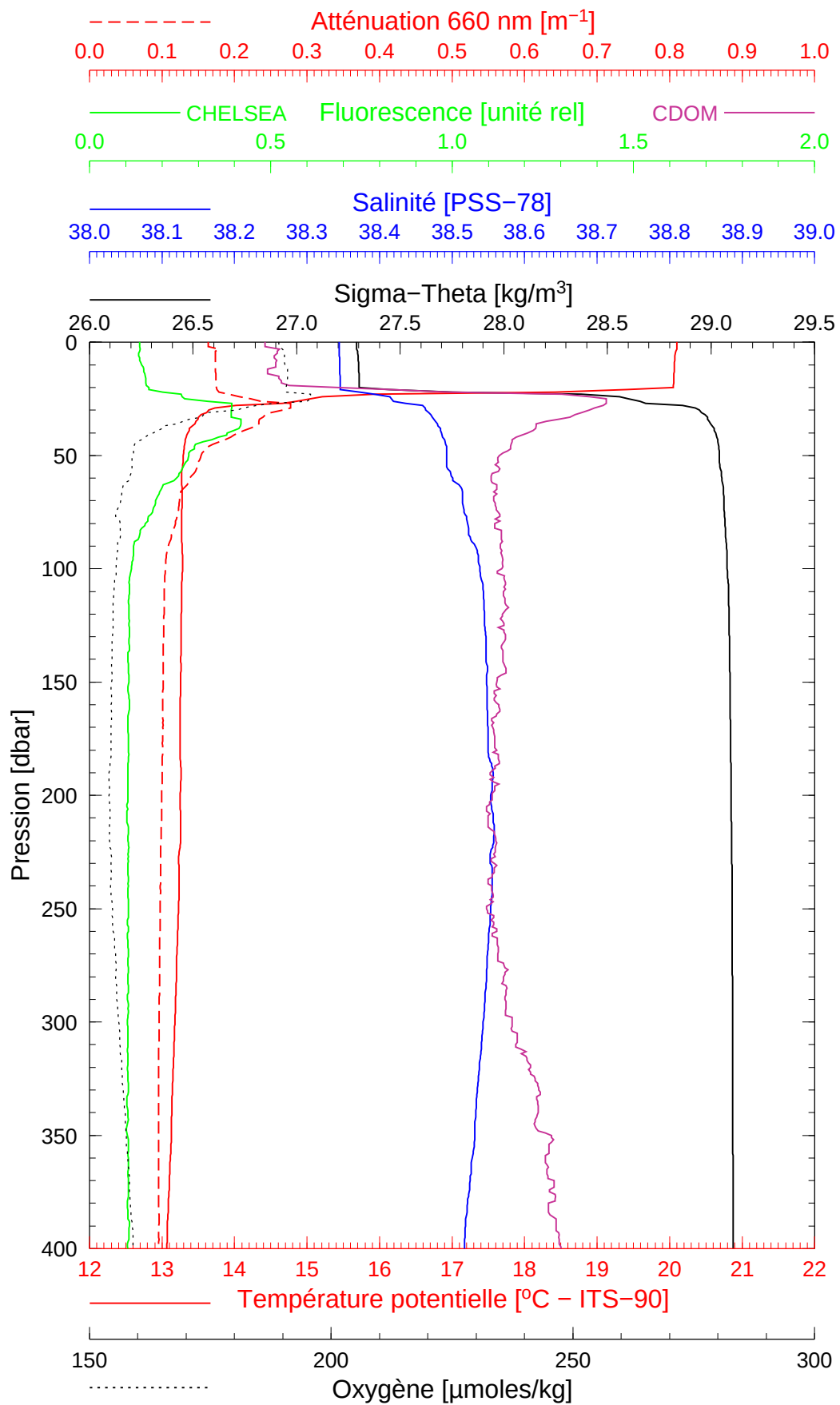
Latitude $43^{\circ}21.624$ N
Longitude $07^{\circ}53.428$ E

Boussole 57

06/10/2006

BOUS061006_01

BOUS004



Date 06/10/2006
Heure déb 09h 26min [TU]

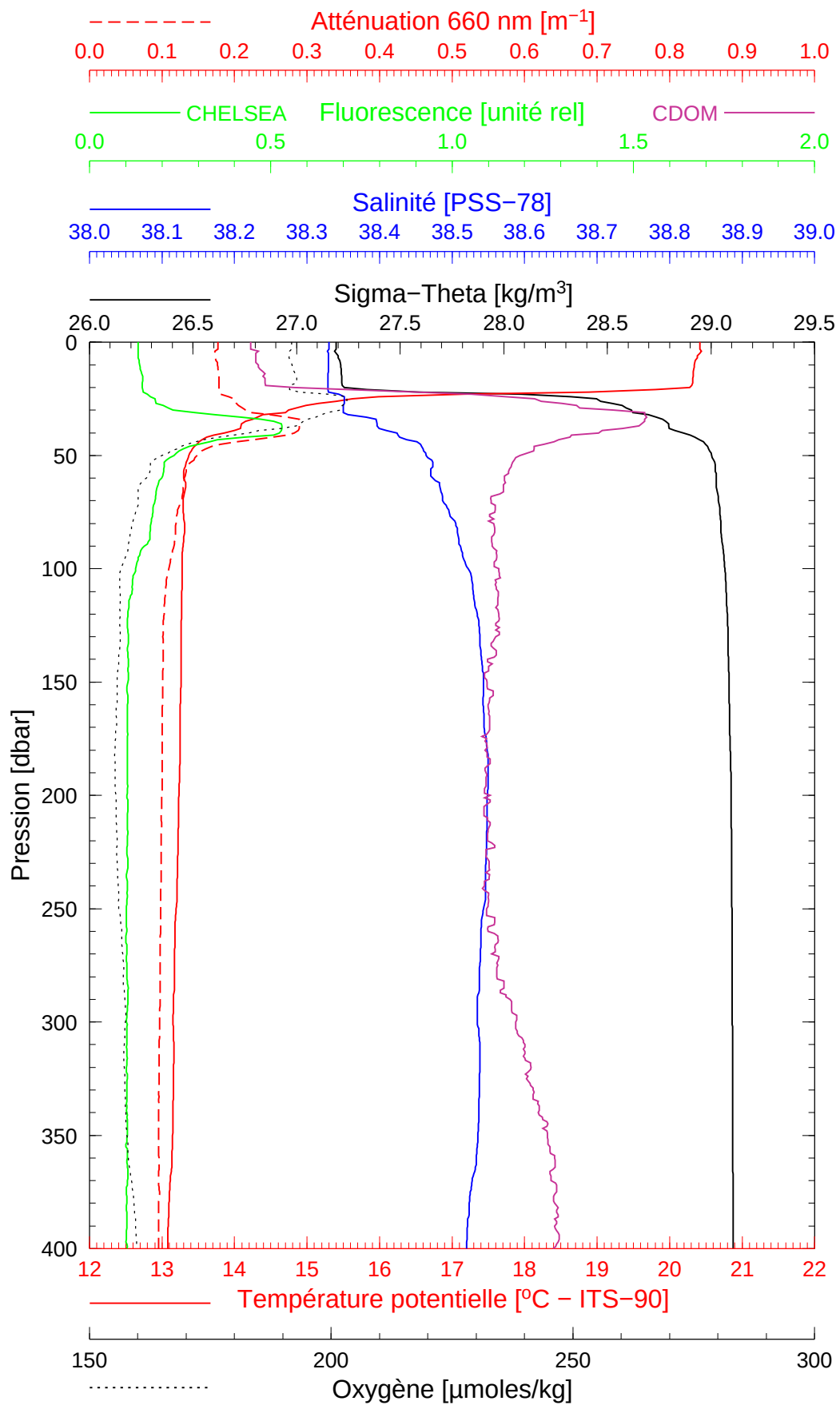
Latitude 43°22.058 N
Longitude 07°53.795 E

Boussole 57

06/10/2006

BOUS061006_02

BOUS005



Date 06/10/2006
Heure déb 12h 03min [TU]

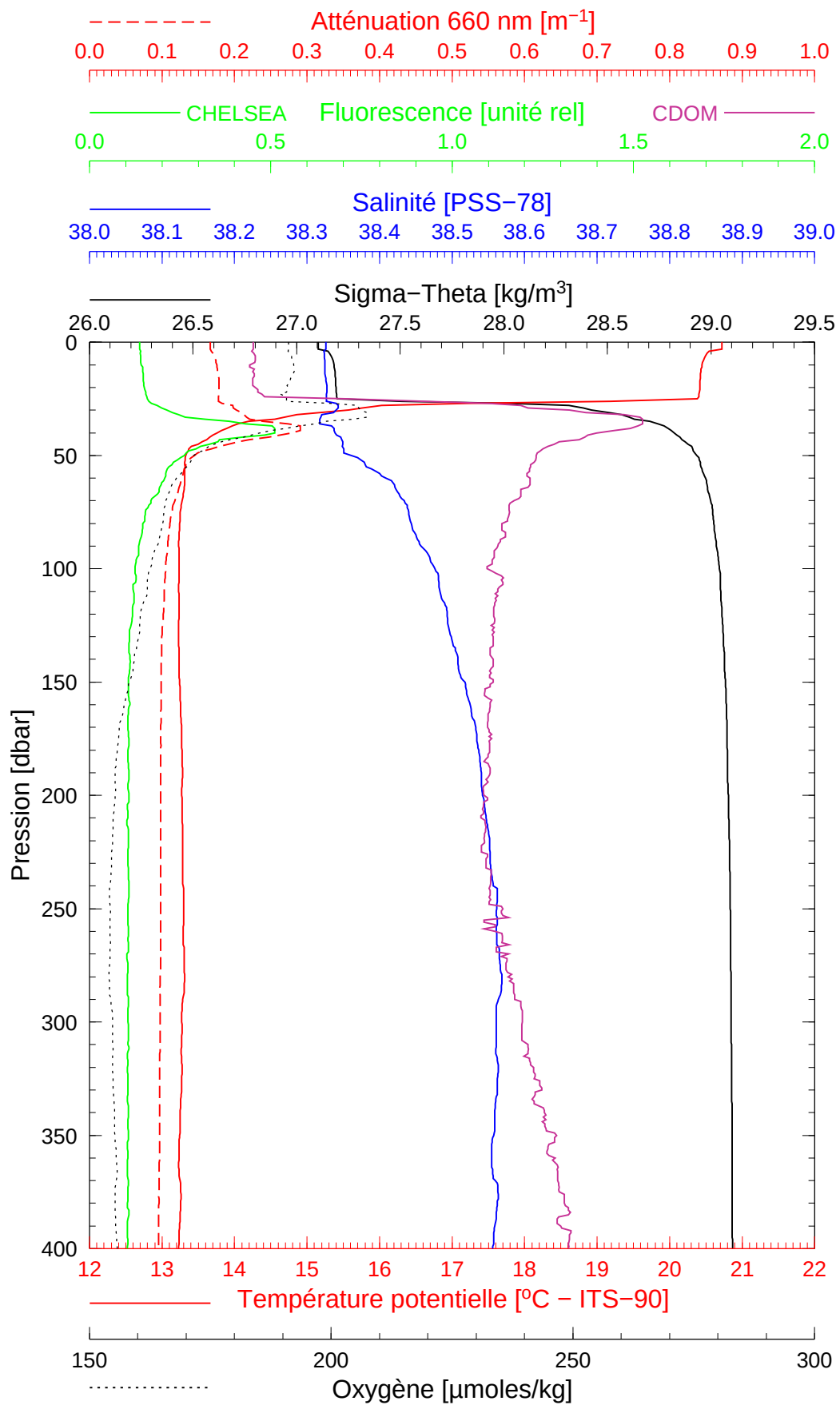
Latitude 43°25.304 N
Longitude 07°48.266 E

Boussole 57

06/10/2006

BOUS061006_03

BOUS006



Date 06/10/2006
Heure déb 13h 26min [TU]

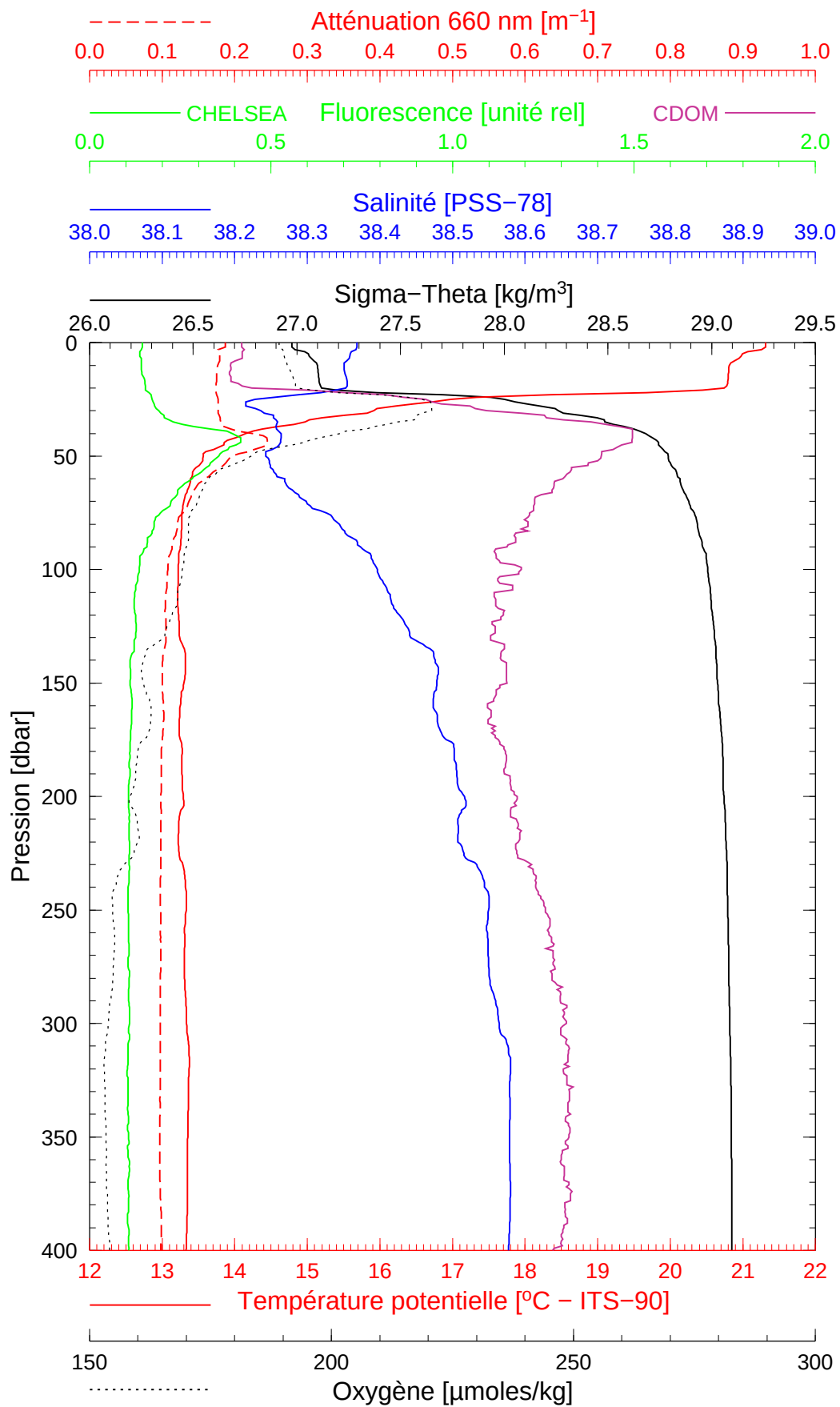
Latitude 43°27.974 N
Longitude 07°42.410 E

Boussole 57

06/10/2006

BOUS061006_04

BOUS007



Date 06/10/2006
Heure déb 14h 26min [TU]

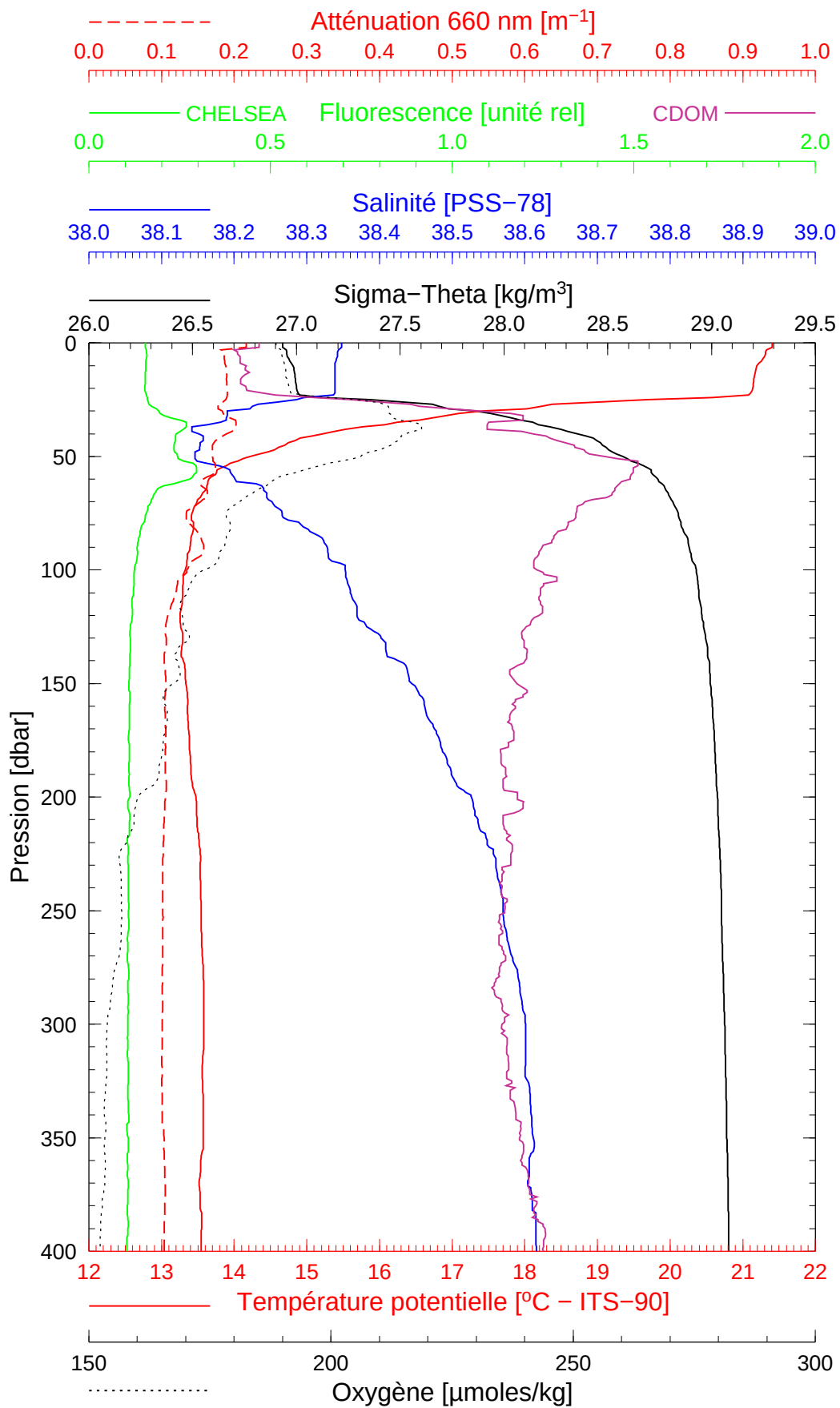
Latitude 43°30.982 N
Longitude 07°37.000 E

Boussole 57

06/10/2006

BOUS061006_05

BOUS008



Date 06/10/2006
Heure déb 15h 31min [TU]

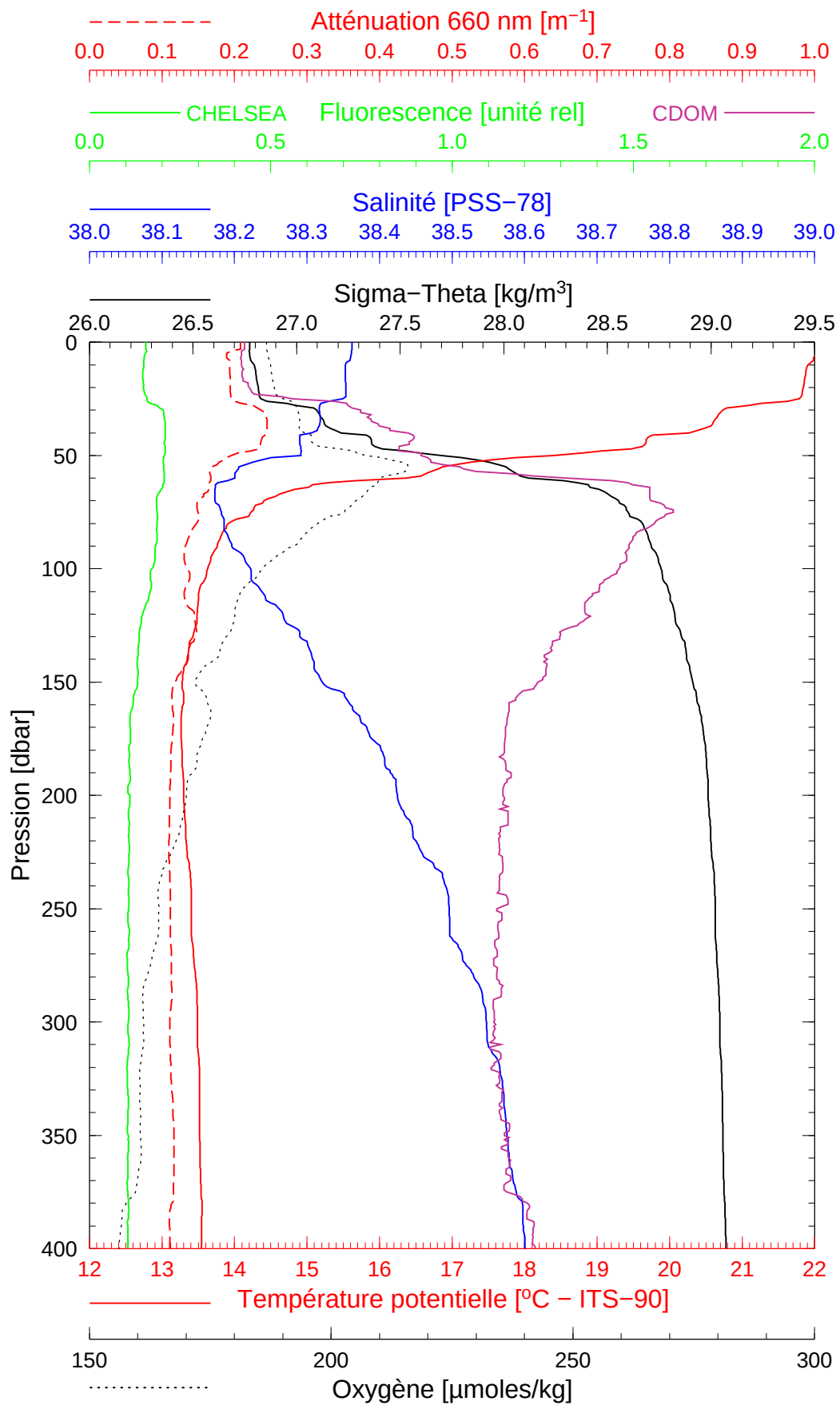
Latitude 43°33.992 N
Longitude 07°30.954 E

Boussole 57

06/10/2006

BOUS061006_06

BOUS009



Date 06/10/2006
Heure déb 16h 34min [TU]

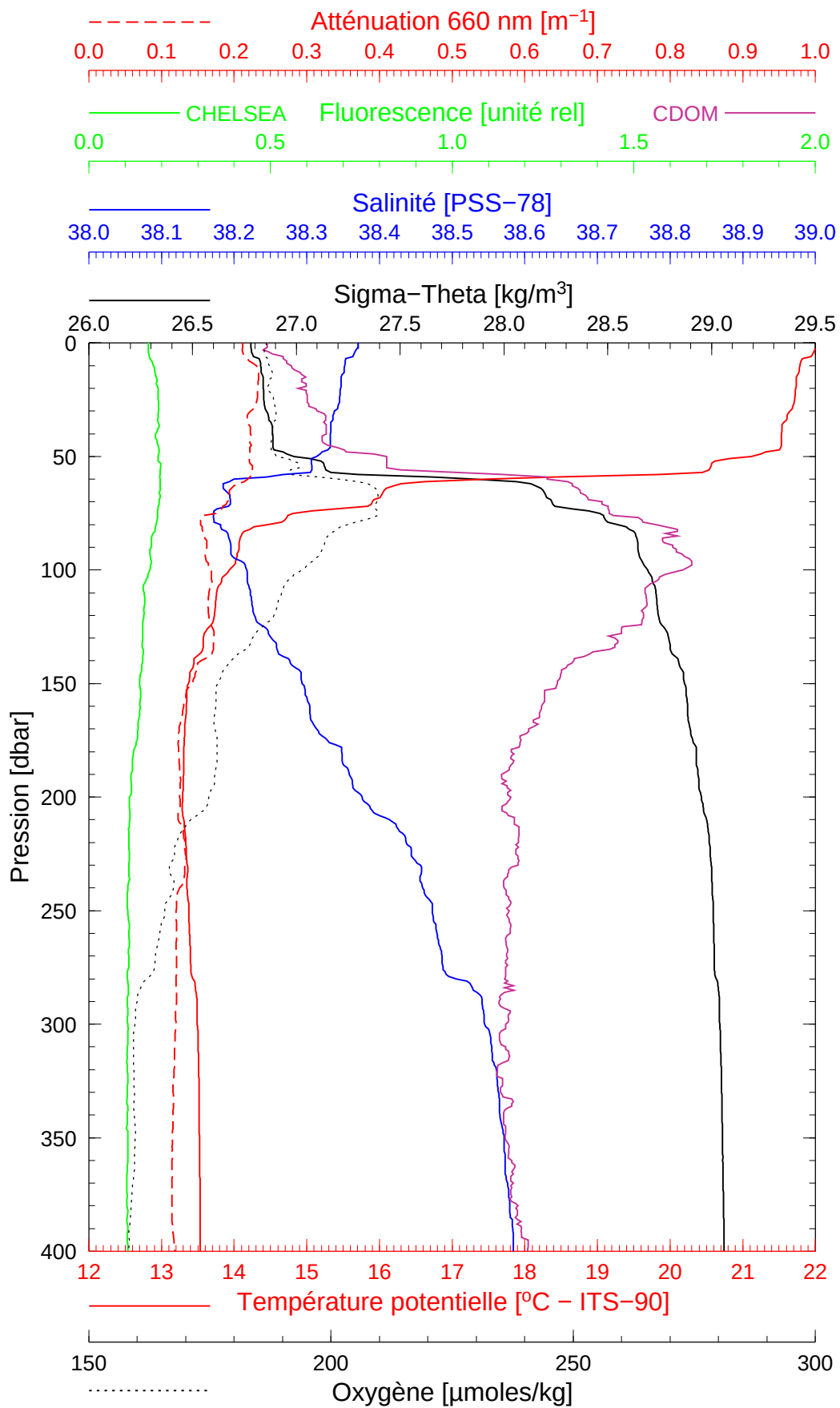
Latitude $43^{\circ}37.519\text{ N}$
Longitude $07^{\circ}25.124\text{ E}$

Boussole 57

06/10/2006

BOUS061006_07

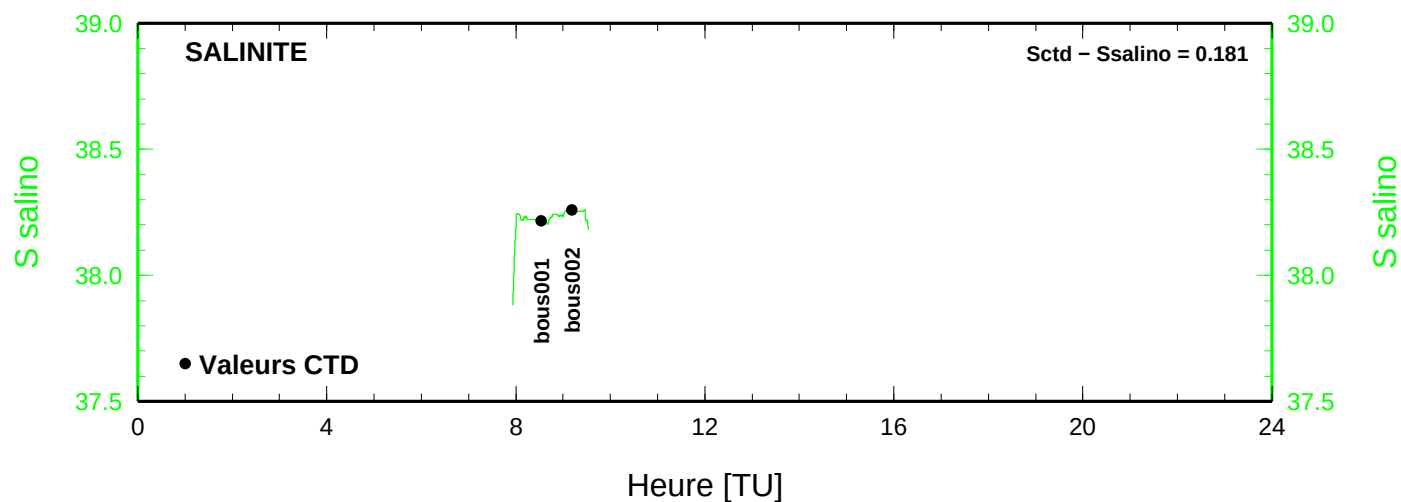
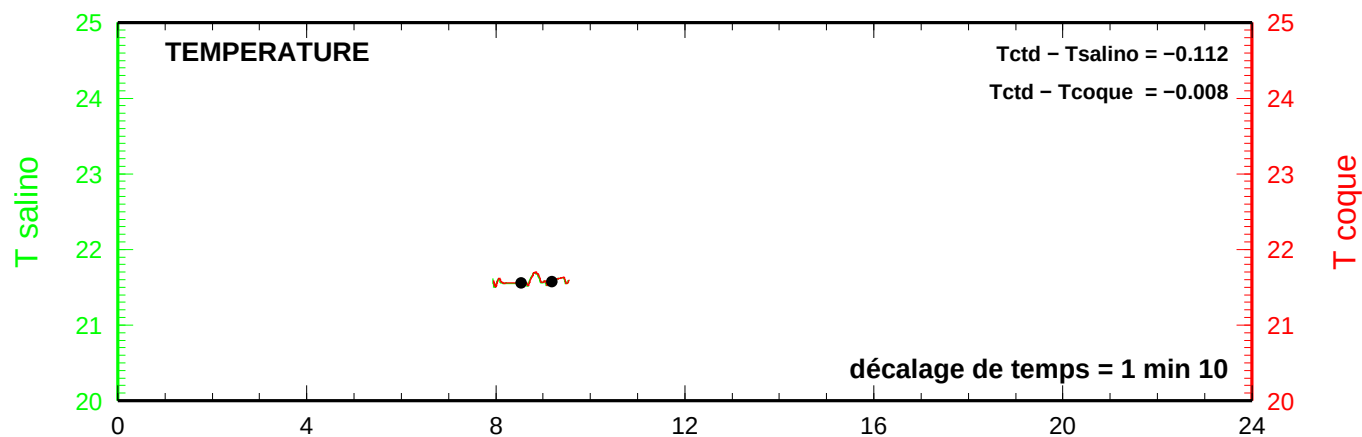
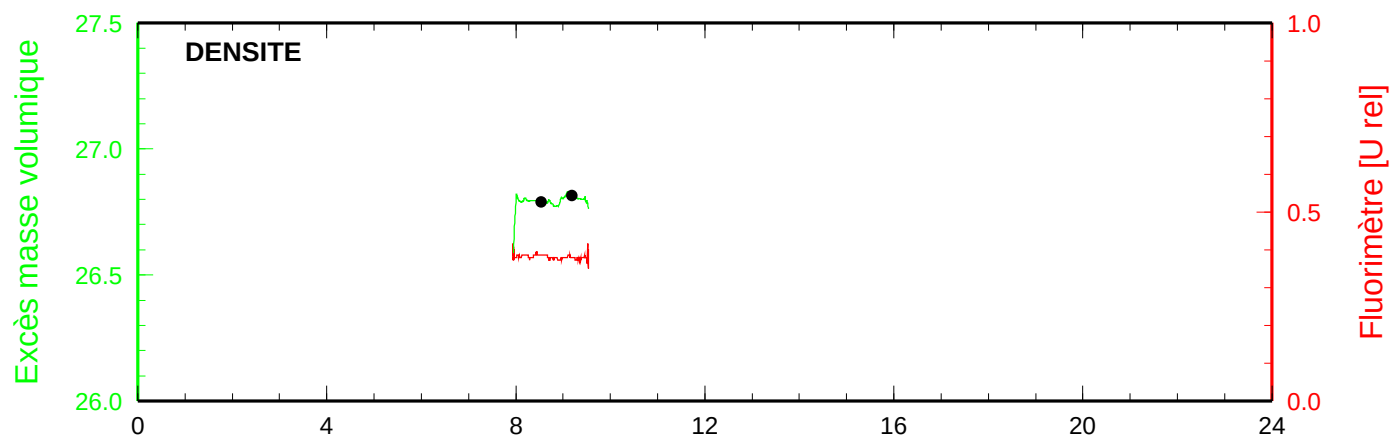
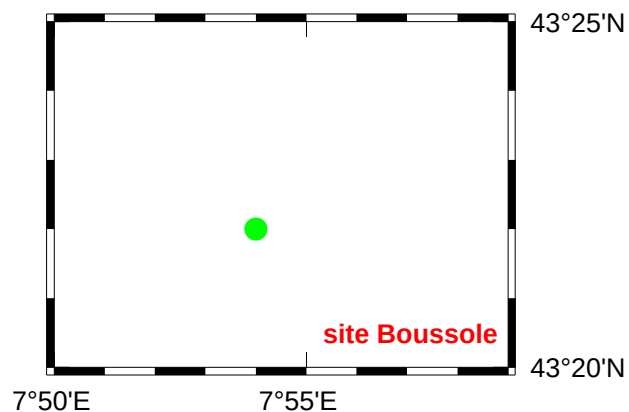
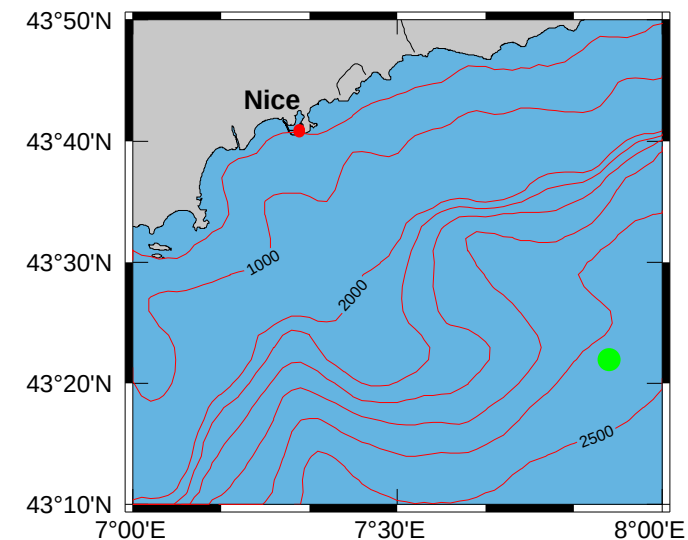
BOUS010



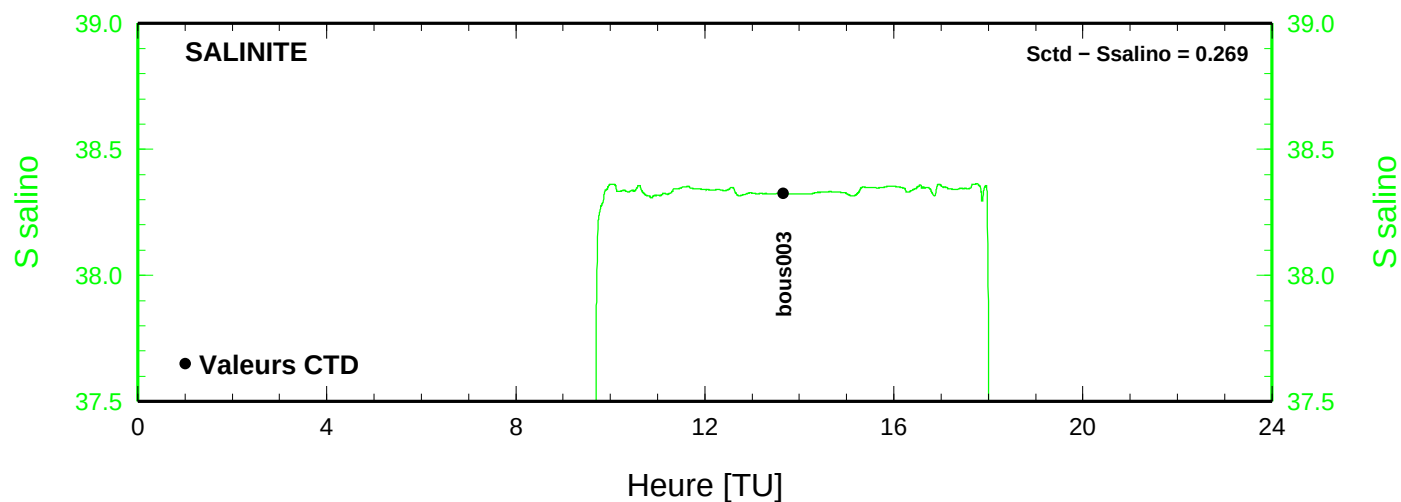
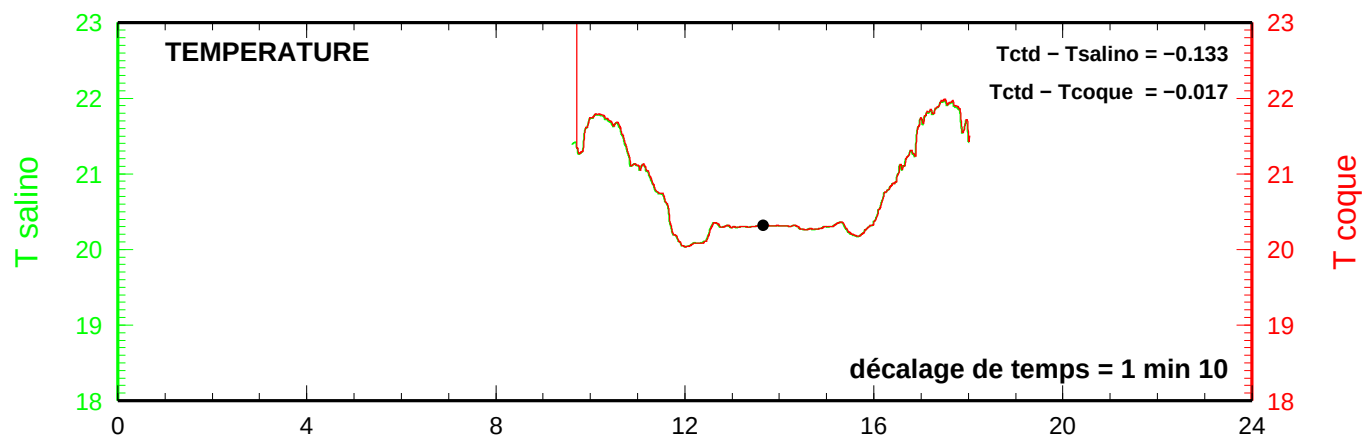
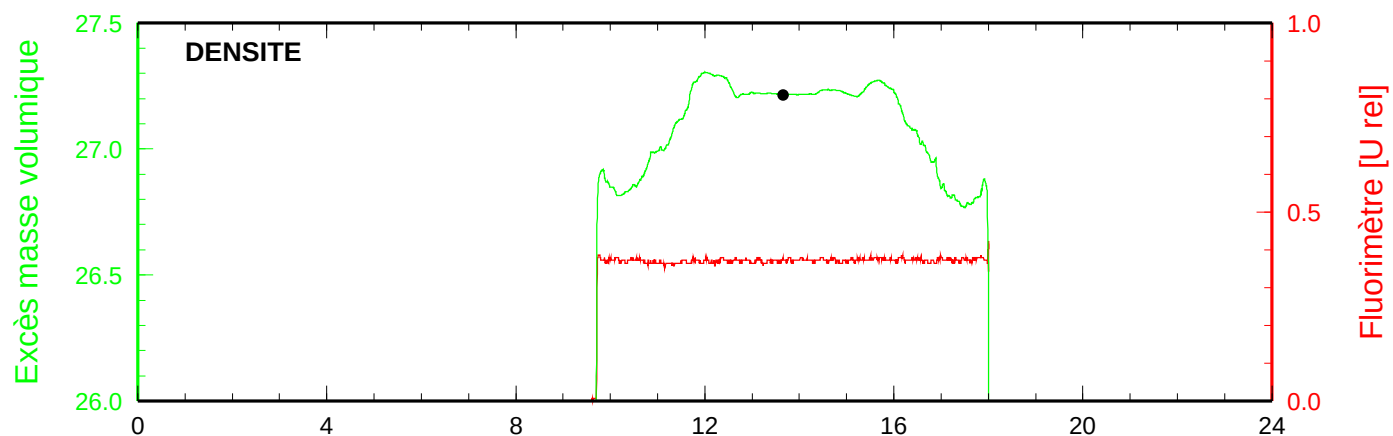
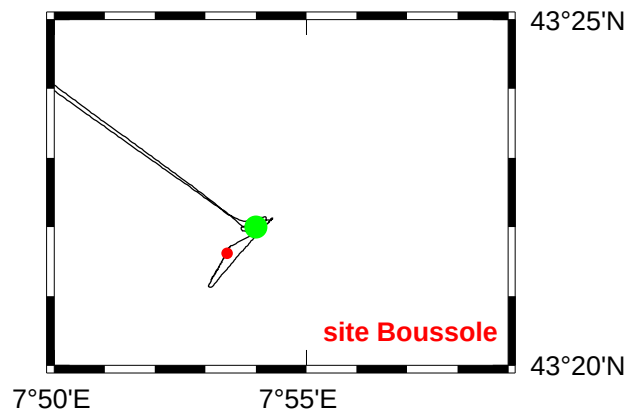
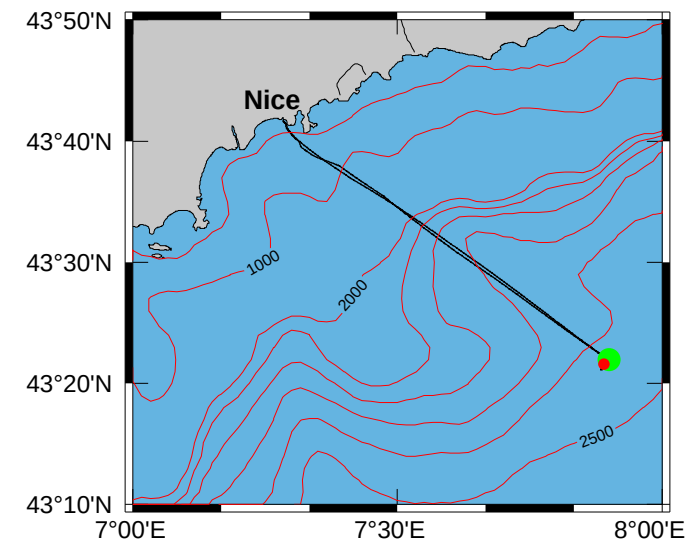
Date 06/10/2006
Heure déb 17h 23min [TU]

Latitude $43^{\circ}38.901$ N
Longitude $07^{\circ}20.664$ E

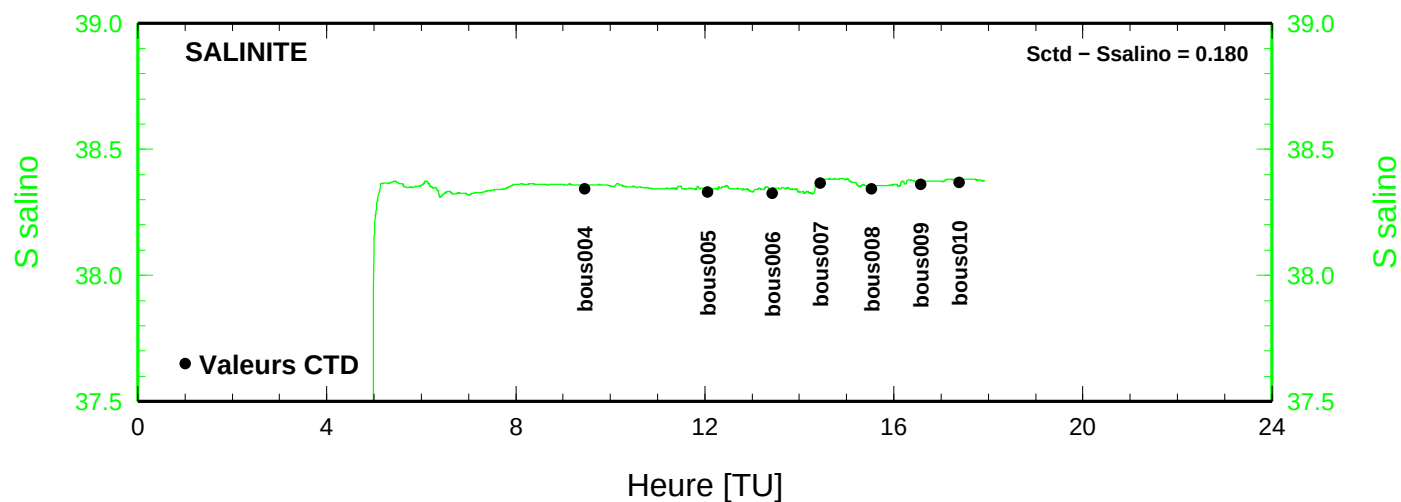
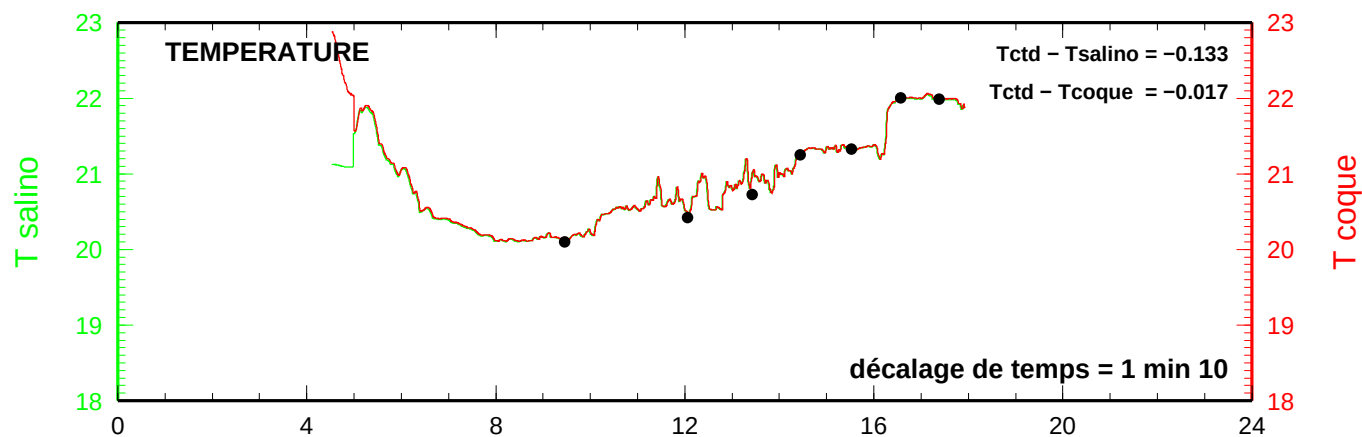
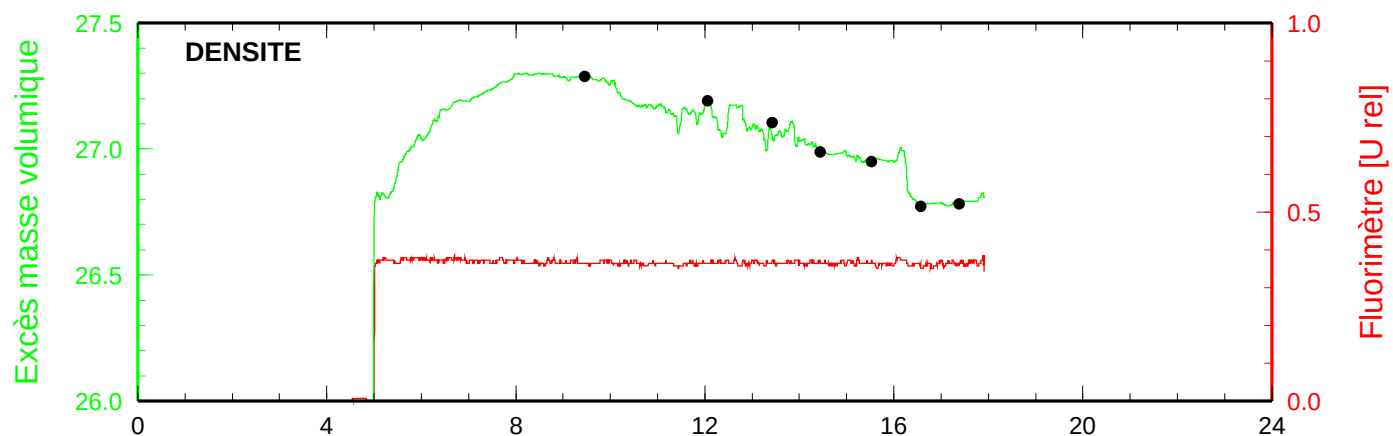
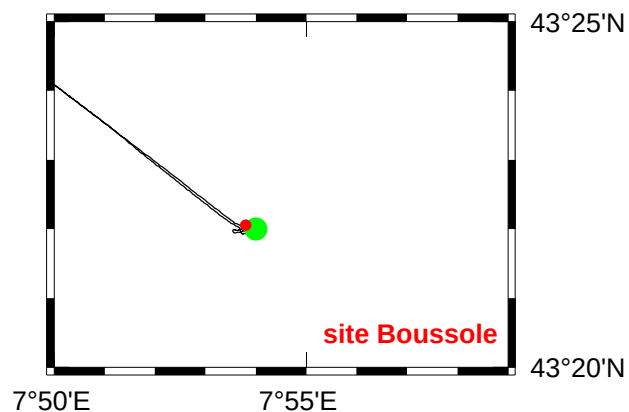
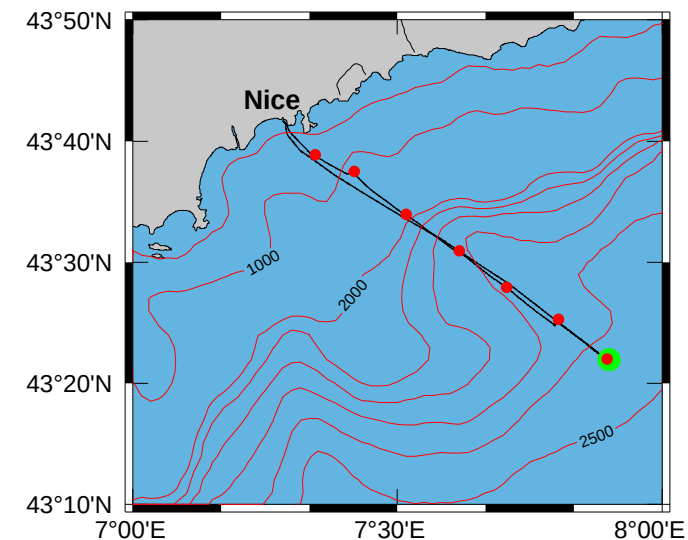
BOUSSOLE 57 04 octobre 2006

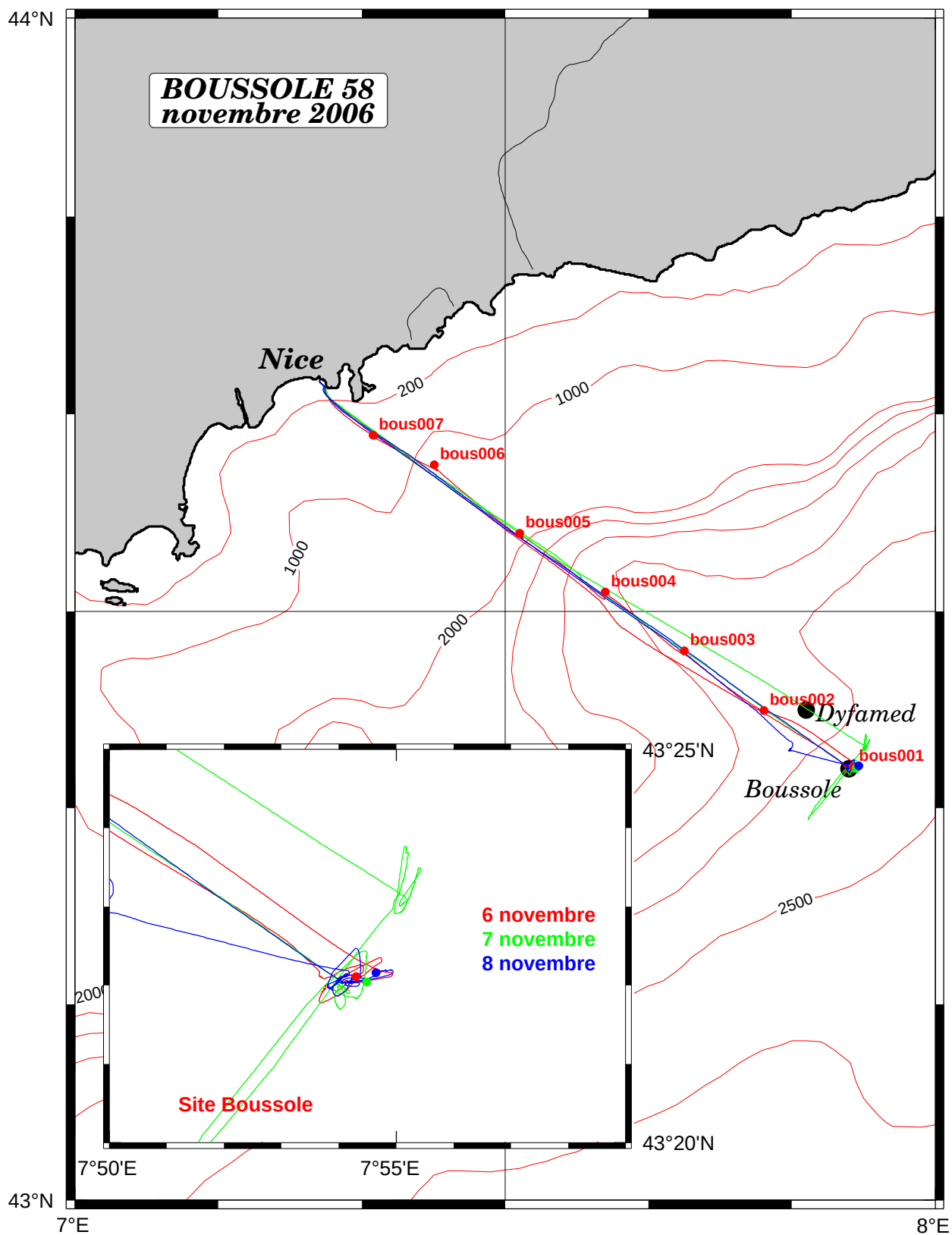


BOUSSOLE 57 05 octobre 2006



BOUSSOLE 57 06 octobre 2006





ASCII file: C:\boussole\nov2006\ctd\raw\calib.com

Configuration report for SBE 911/917 plus CTD

Frequency channels suppressed : 2
Voltage words suppressed : 0
Computer interface : RS-232C
Scans to average : 1
Surface PAR voltage added : Yes
NMEA position data added : No
Scan time added : No

1) Frequency 0, **Temperature**

Serial number : **1378**
Calibrated on : 11-Jan-06
G : 4.87144266e-003
H : 6.79438735e-004
I : 2.72042898e-005
J : 2.17814067e-006
F0 : 1000.000
Slope : 1.00000000
Offset : 0.0000

2) Frequency 1, **Conductivity**

Serial number : **2929**
Calibrated on : 10-Jan-06
G : -1.06099003e+001
H : 1.42248392e+000
I : 2.00064186e-005
J : 6.17534200e-005
CTcor : 3.2500e-006
CPcor : -9.57000000e-008
Slope : 1.00000000
Offset : 0.0000

3) Frequency 2, **Pressure, Digiquartz with TC**

Serial number : **53981**
Calibrated on : 11-Jan-95
C1 : -4.499337e+004
C2 : 4.543683e-001
C3 : 1.505020e-002
D1 : 3.936600e-002
D2 : 0.000000e+000
T1 : 3.004660e+001
T2 : -1.897714e-004
T3 : 4.727060e-006
T4 : 1.923520e-009
T5 : 0.000000e+000
Slope : 0.99985000
Offset : 0.11430
AD590M : 1.138000e-002
AD590B : -8.189160e+000

4) A/D voltage 0, **Oxygen, SBE 43**

Serial number : **0587**
Calibrated on : **10-Jan-04**
Soc : 3.5840e-001
Boc : 0.0000
Offset : -0.4782
Tcor : 0.0012
Pcor : 1.35e-004
Tau : 0.0

5) A/D voltage 1, Free

6) A/D voltage 2, **Fluorometer, Chelsea Aqua 3**

Serial number : **088193**
Calibrated on : 27-oct-97
VB : 0.165000
V1 : 1.933000
Vacetone : 0.250000
Scale factor : 1.000000
Slope : 1.000000
Offset : 0.000000

7) A/D voltage 3, Free

8) A/D voltage 4, **Fluorometer, Wetlab CDOM**

Serial number : **1095P**
Calibrated on : 31-Jul-06
Vblank : 0.058
Scale factor : 62.000

9) A/D voltage 5, **Transmissometer, Wetlab CStar**

Serial number : **887DR**
Calibrated on : 13-Feb-06
M : 21.4500
B : -1.2870
Path length : 0.250

10) A/D voltage 6, Free

11) A/D voltage 7, Free

12) SPAR voltage, Unavailable

13) SPAR voltage, **SPAR/Surface Irradiance**

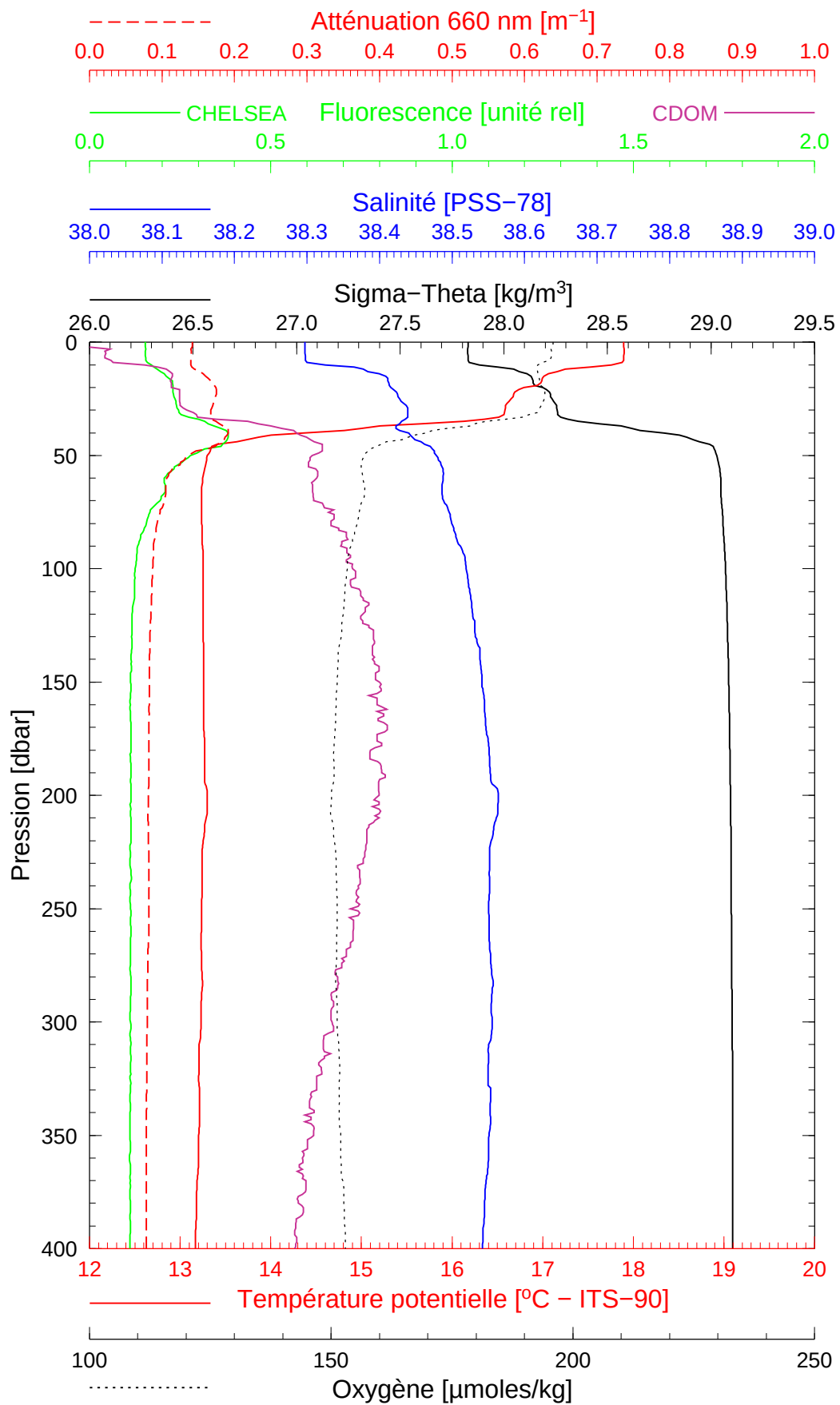
Serial number : **6326**
Calibrated on : 24-fev-95
Conversion factor : 753.25000000
Ratio multiplier : 1.00000000

Boussole 58

06/11/2006

BOUS061106_01

BOUS001



Date 06/11/2006
Heure déb 13h 47min [TU]

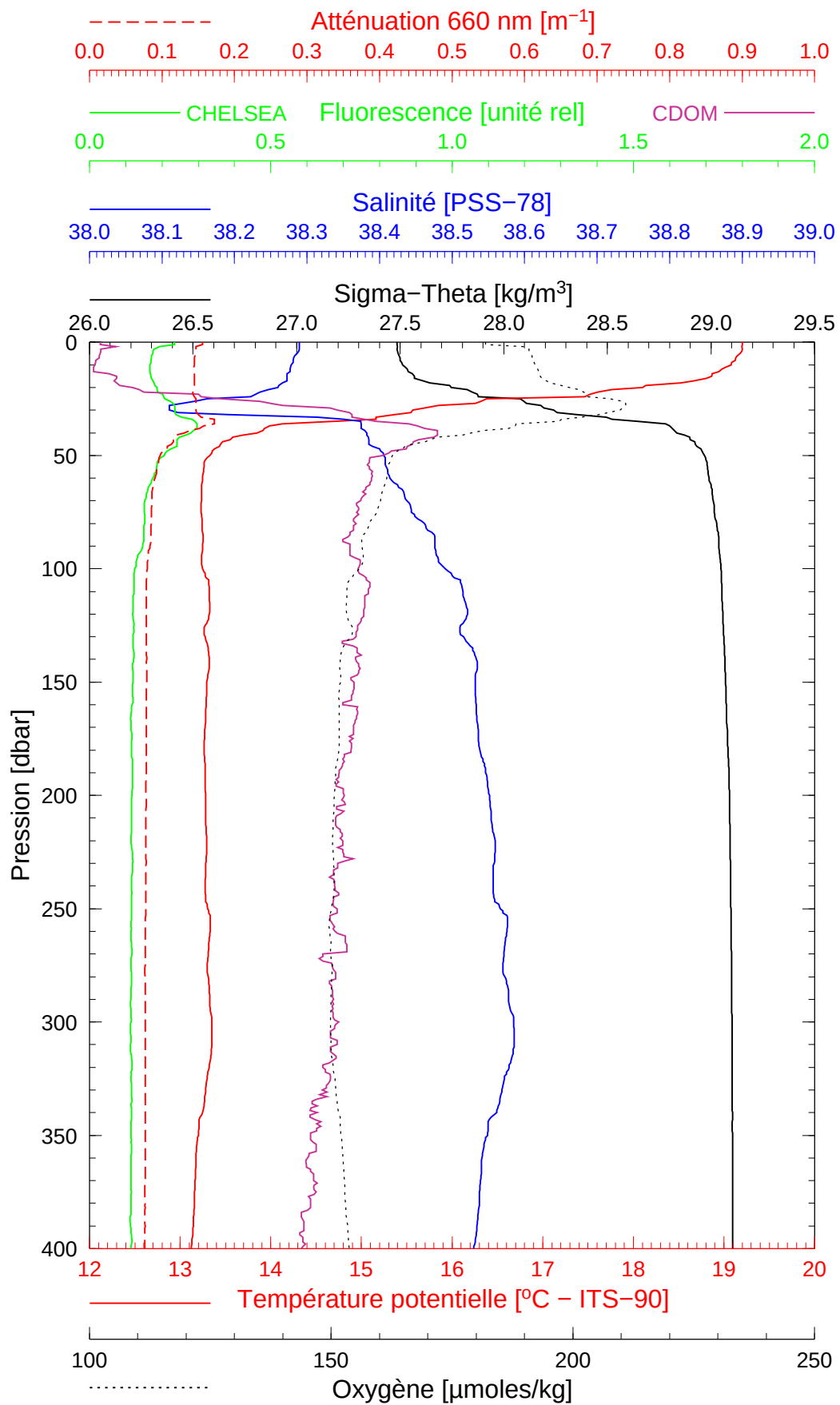
Latitude $43^{\circ}22.115$ N
Longitude $07^{\circ}54.302$ E

Boussole 58

06/11/2006

BOUS061106_02

BOUS002



Date 06/11/2006
Heure déb 15h 22min [TU]

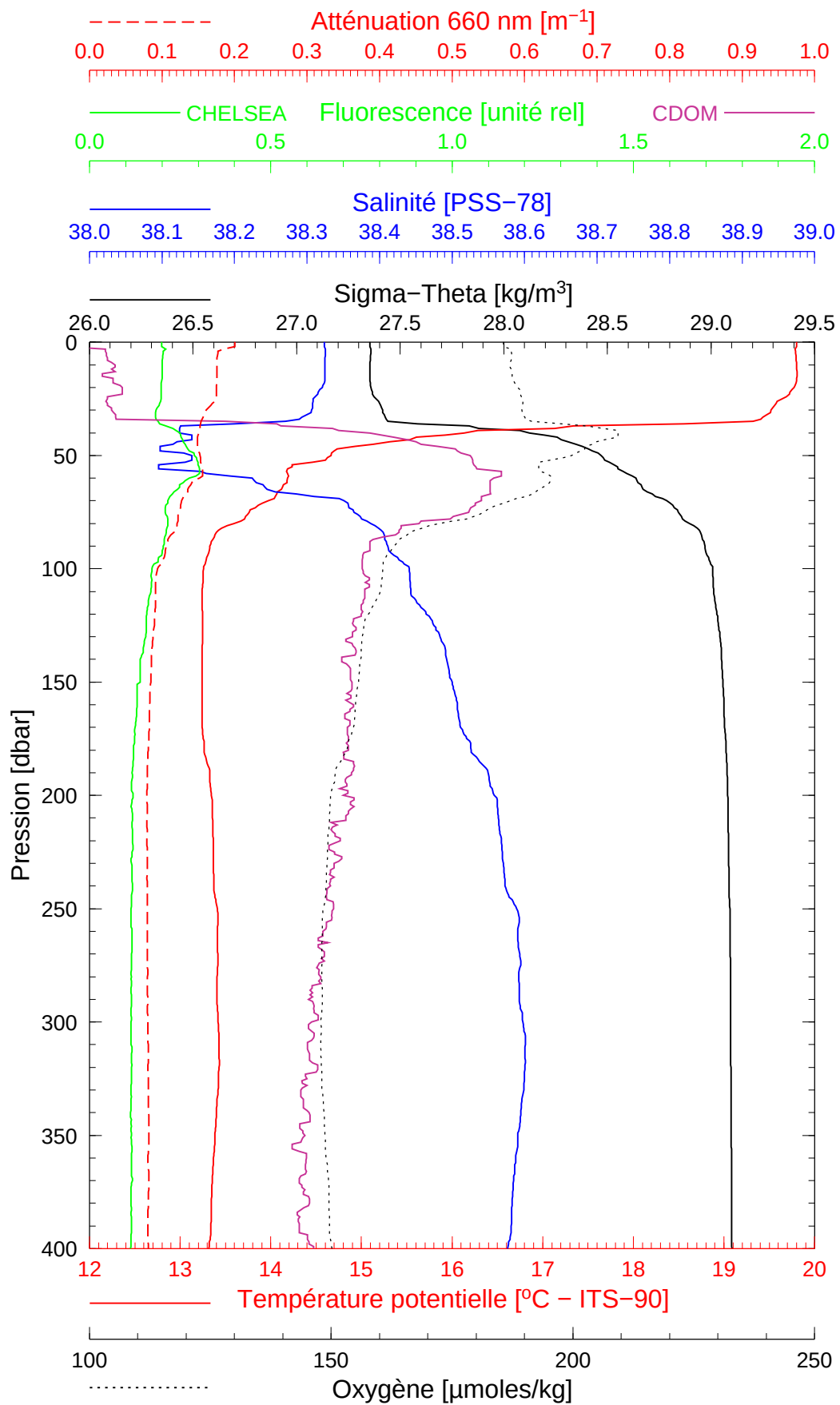
Latitude 43°24.963 N
Longitude 07°48.062 E

Boussole 58

06/11/2006

BOUS061106_03

BOUS003



Date 06/11/2006
Heure déb 16h 23min [TU]

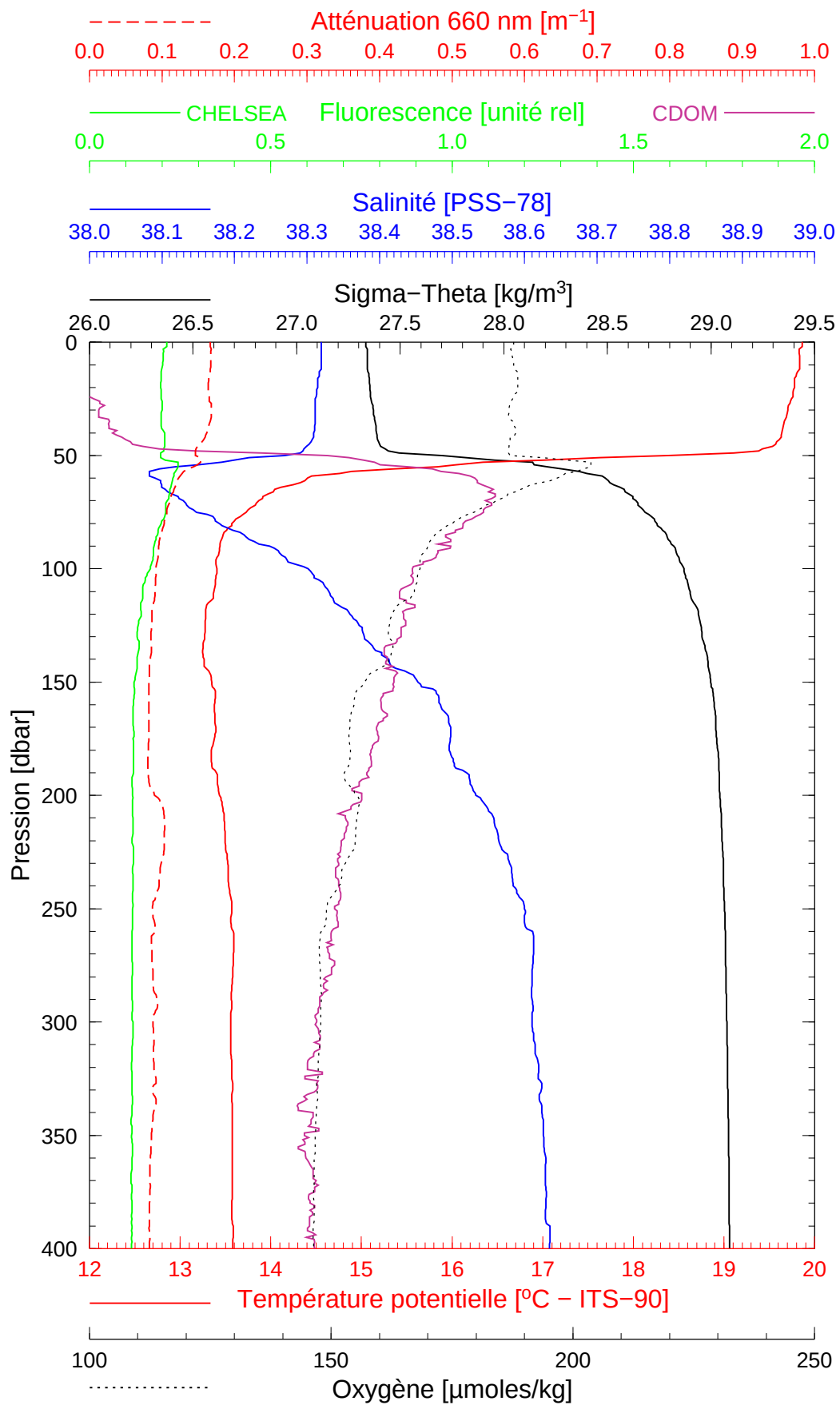
Latitude 43°28.005 N
Longitude 07°42.509 E

Boussole 58

06/11/2006

BOUS061106_04

BOUS004



Date 06/11/2006

Latitude $43^{\circ}30.992\text{ N}$

Heure déb 17h 24min [TU]

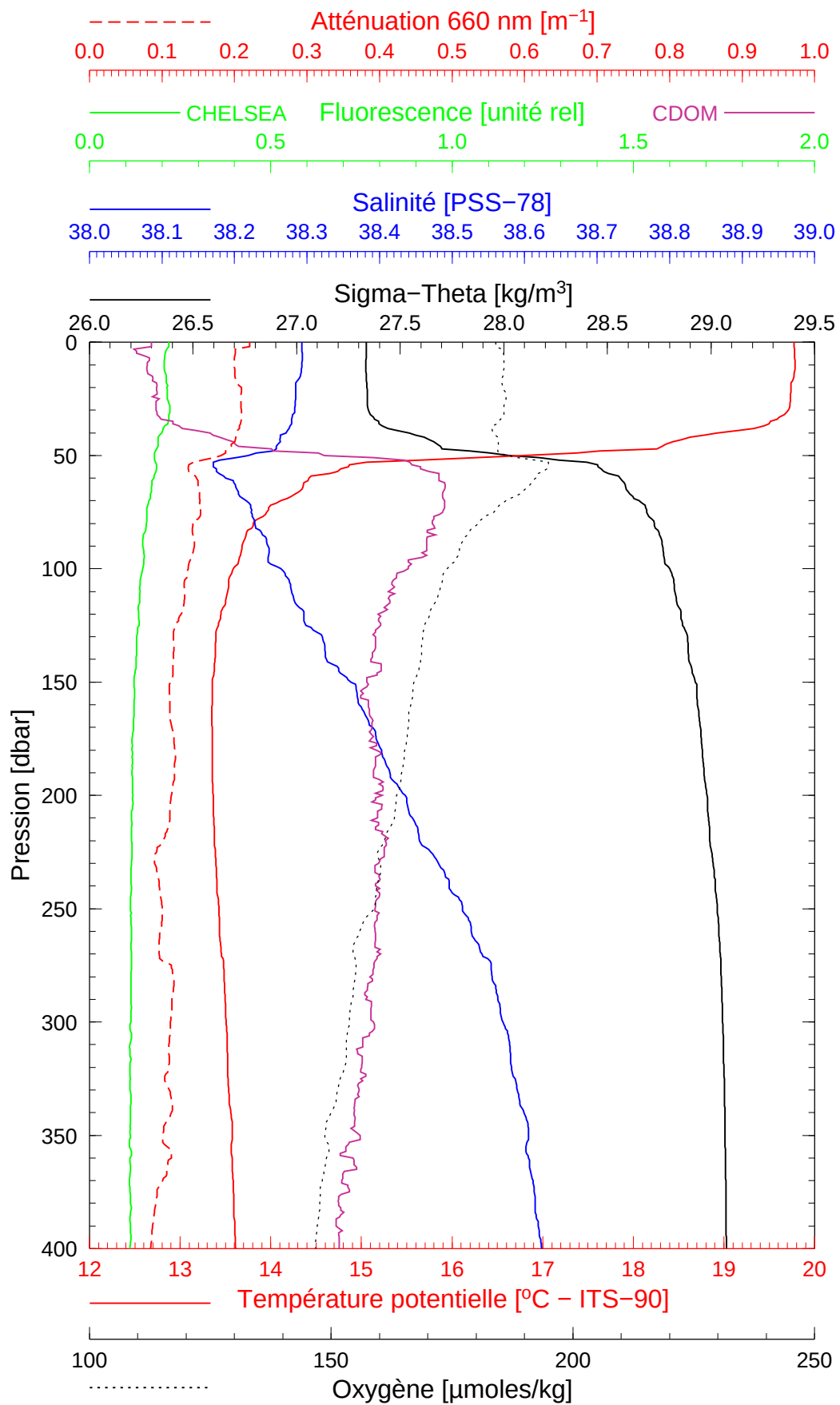
Longitude $07^{\circ}36.992\text{ E}$

Boussole 58

06/11/2006

BOUS061106_05

BOUS005



Date 06/11/2006
Heure déb 18h 30min [TU]

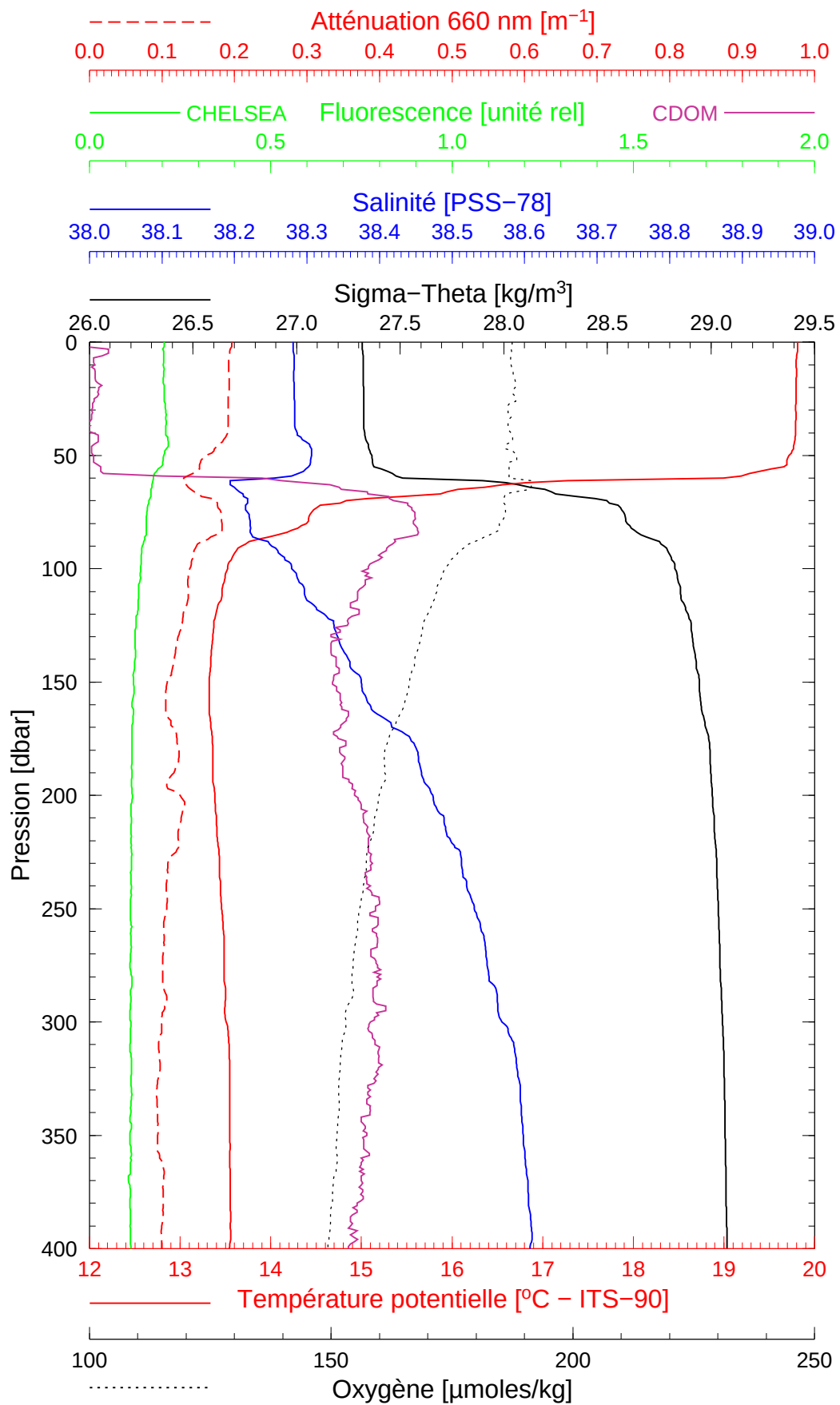
Latitude 43°33.978 N
Longitude 07°31.035 E

Boussole 58

06/11/2006

BOUS061106_06

BOUS006



Date 06/11/2006
Heure déb 19h 41min [TU]

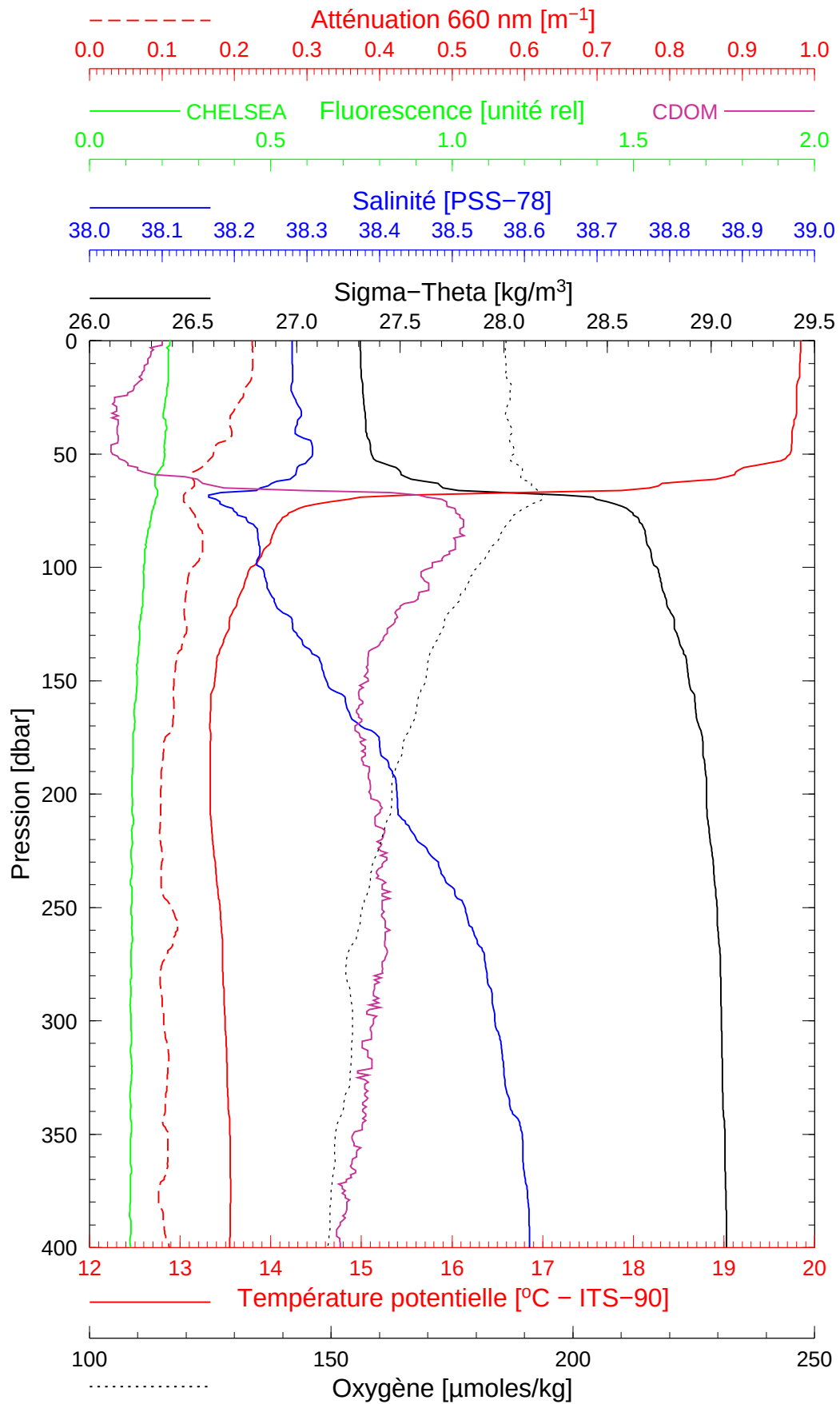
Latitude $43^{\circ}37.440$ N
Longitude $07^{\circ}25.070$ E

Boussole 58

06/11/2006

BOUS061106_07

BOUS007



Date 06/11/2006
Heure déb 20h 38min [TU]

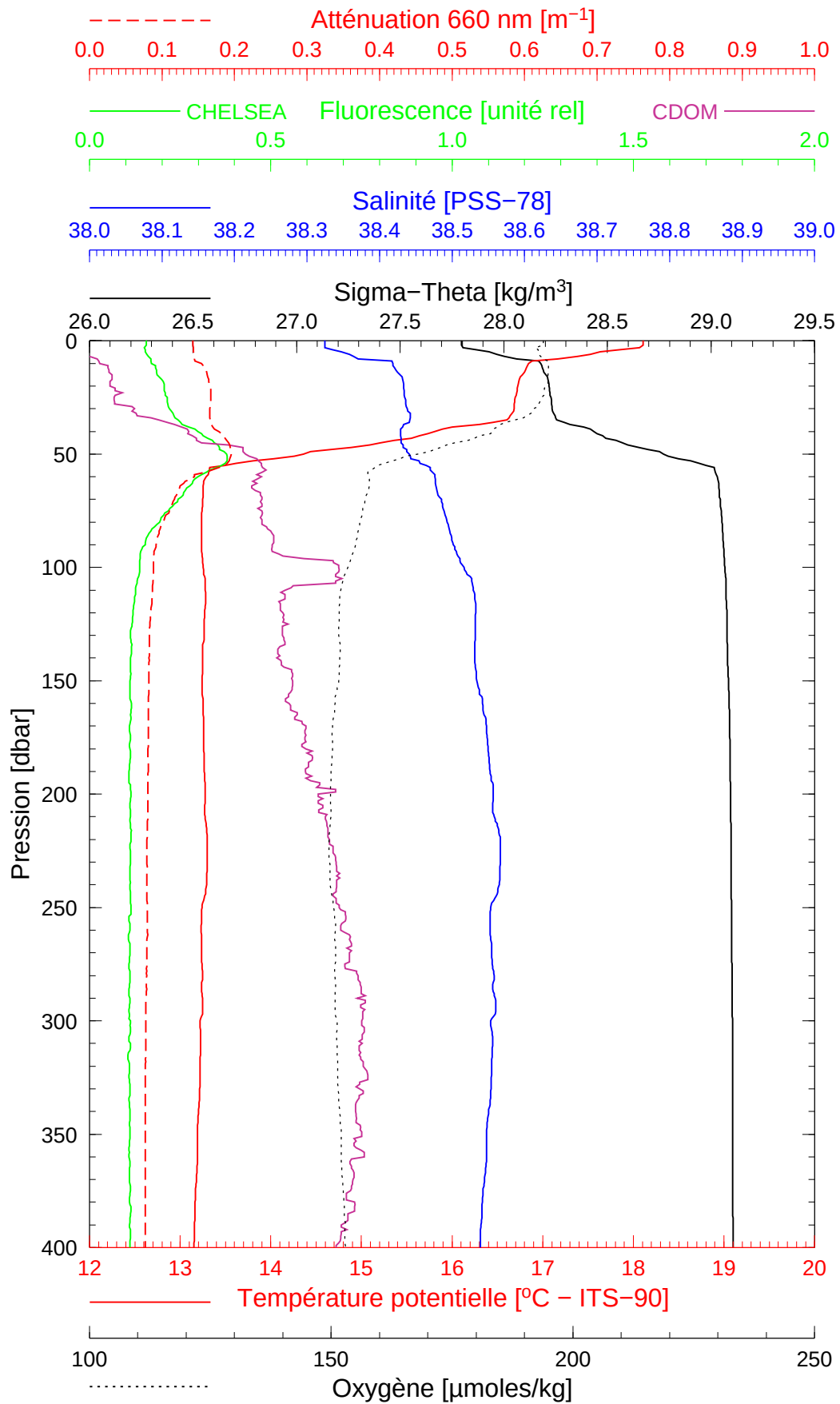
Latitude $43^{\circ}38.933$ N
Longitude $07^{\circ}20.797$ E

Boussole 58

07/11/2006

BOUS061107_01

BOUS008



Date 07/11/2006
Heure déb 13h 06min [TUJ]

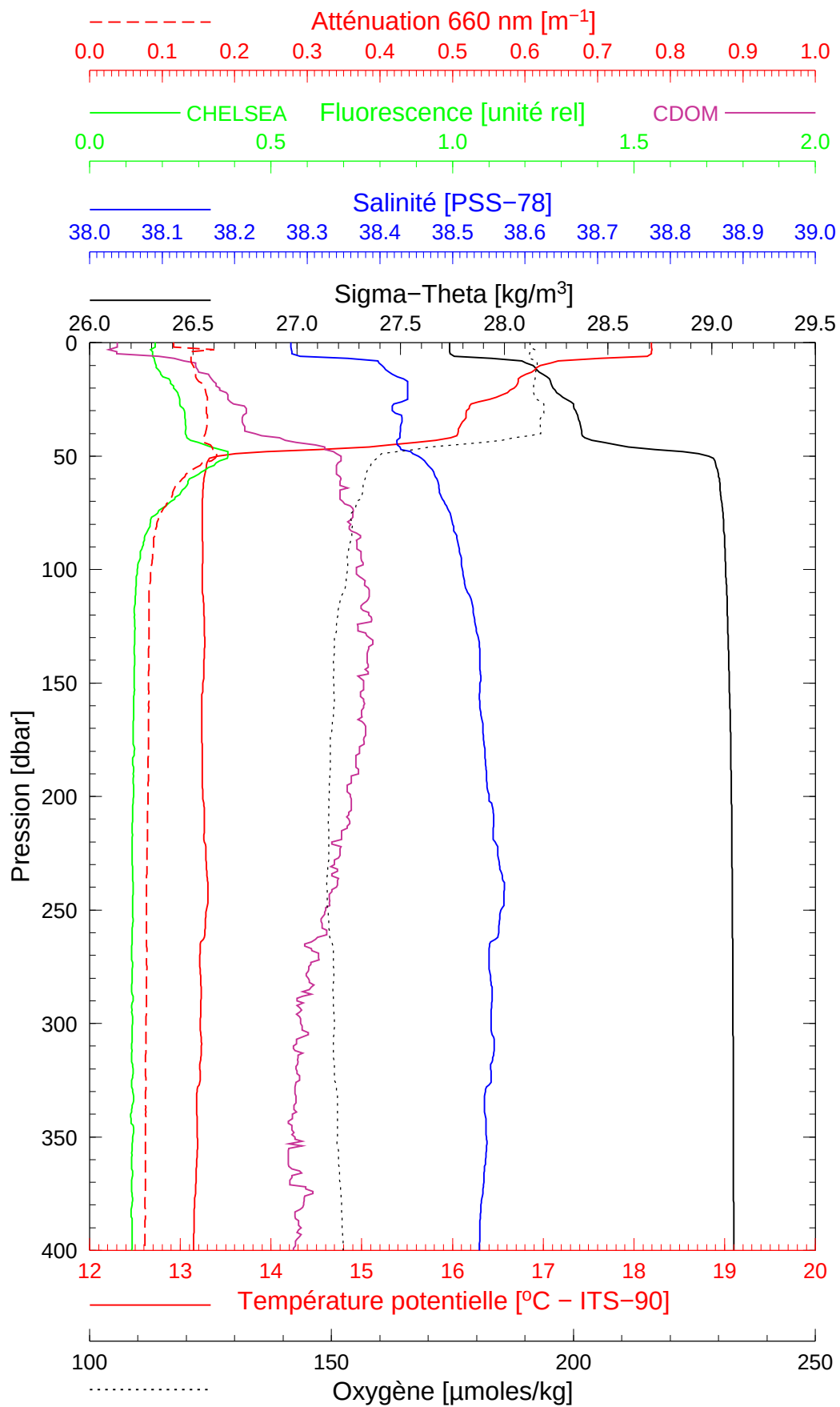
Latitude 43°22.043 N
Longitude 07°54.485 E

Boussole 58

08/11/2006

BOUS061108_01

BOUS009



Date 08/11/2006
Heure déb 10h 31min [TU]

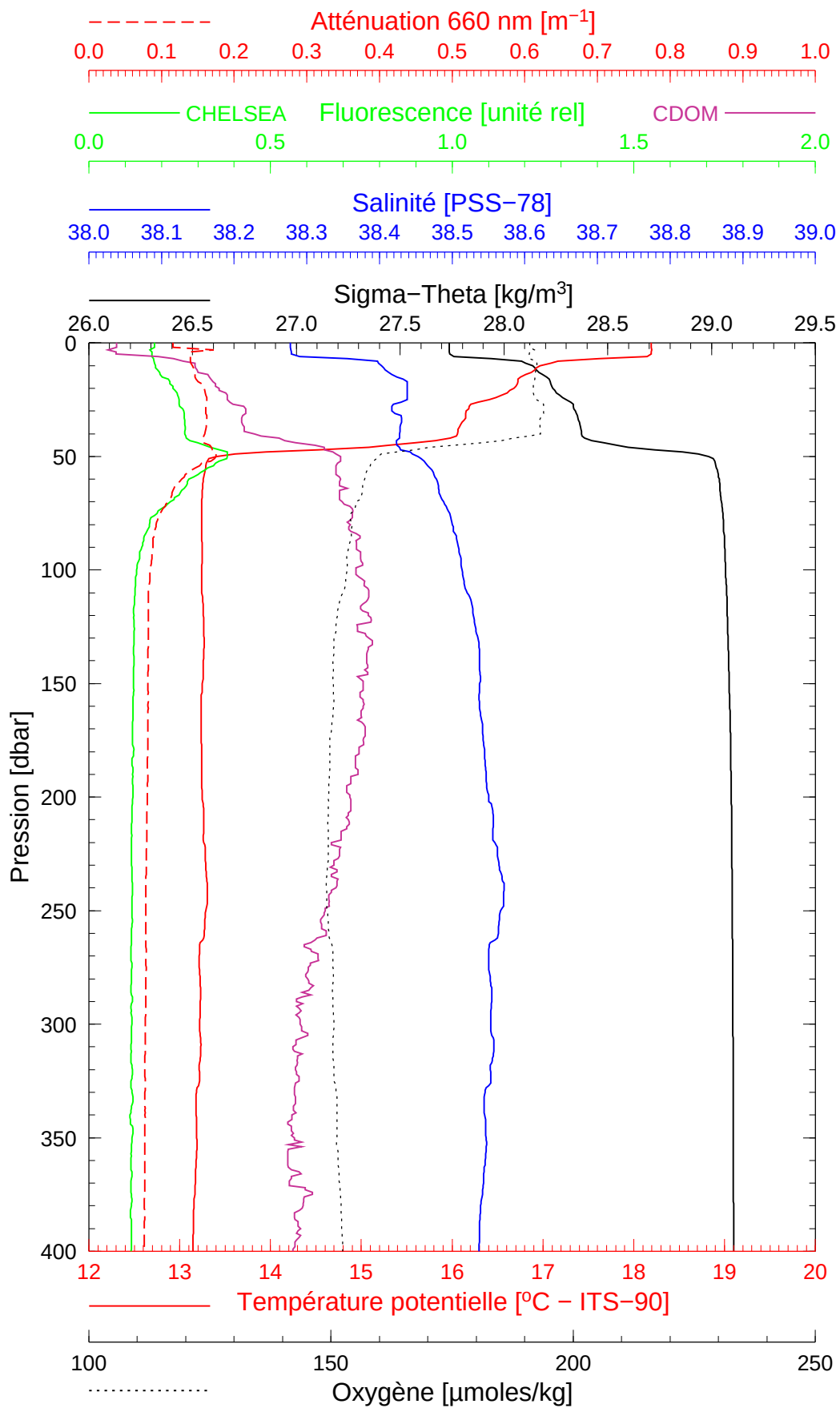
Latitude $43^{\circ}22.164$ N
Longitude $07^{\circ}54.644$ E

Boussole 58

08/11/2006

BOUS061109_01

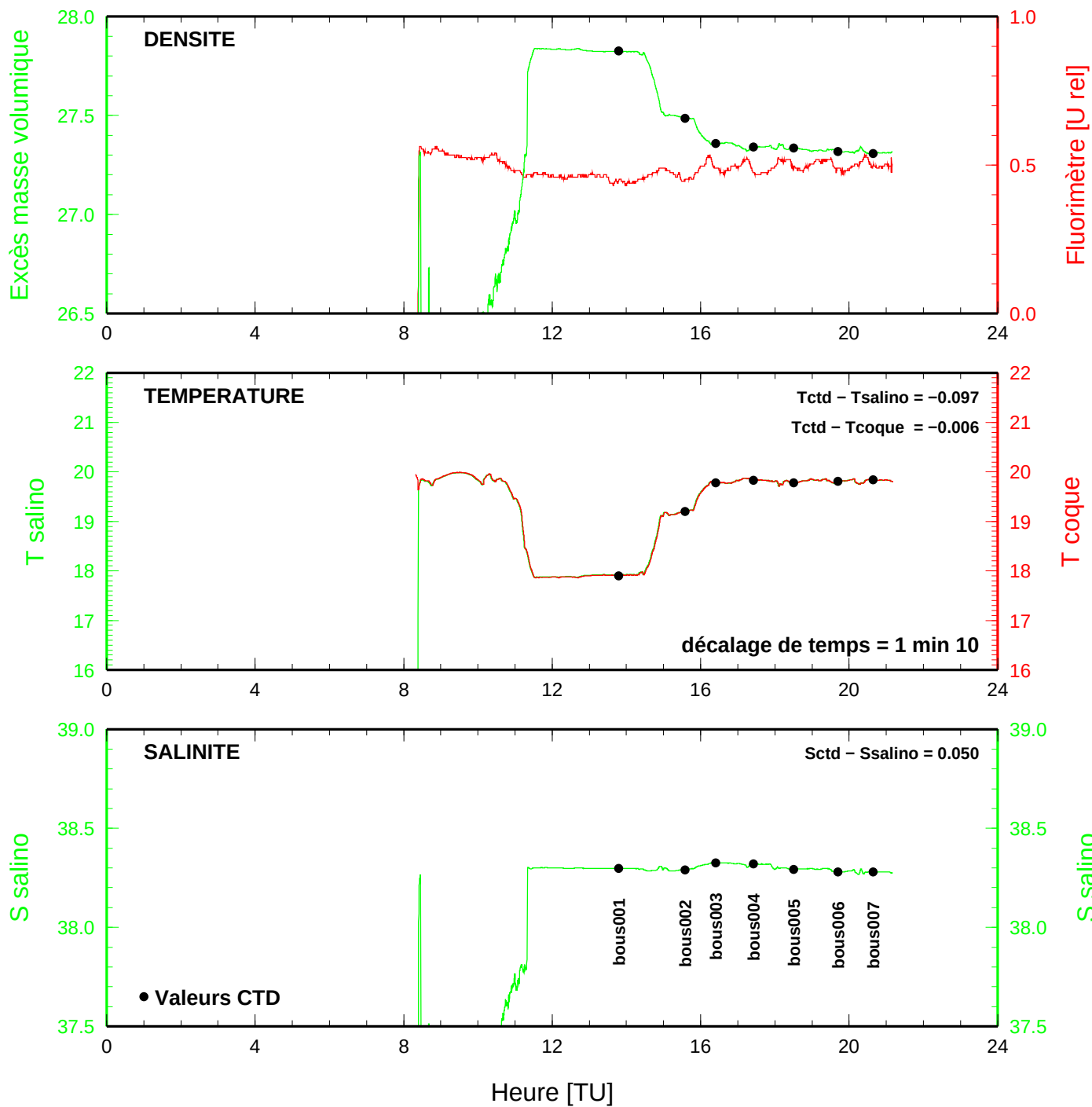
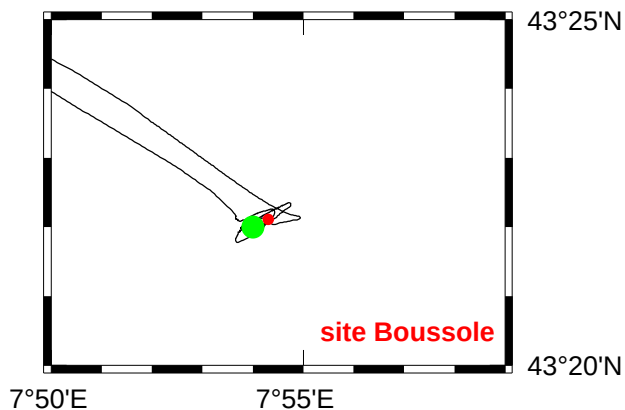
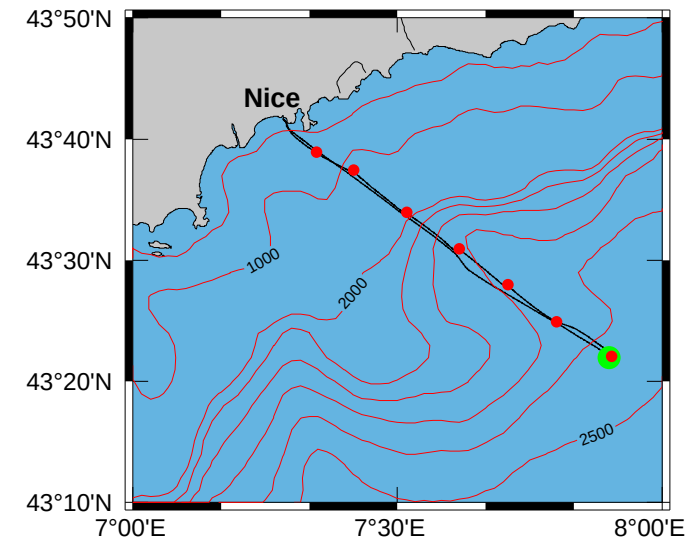
BOUS009



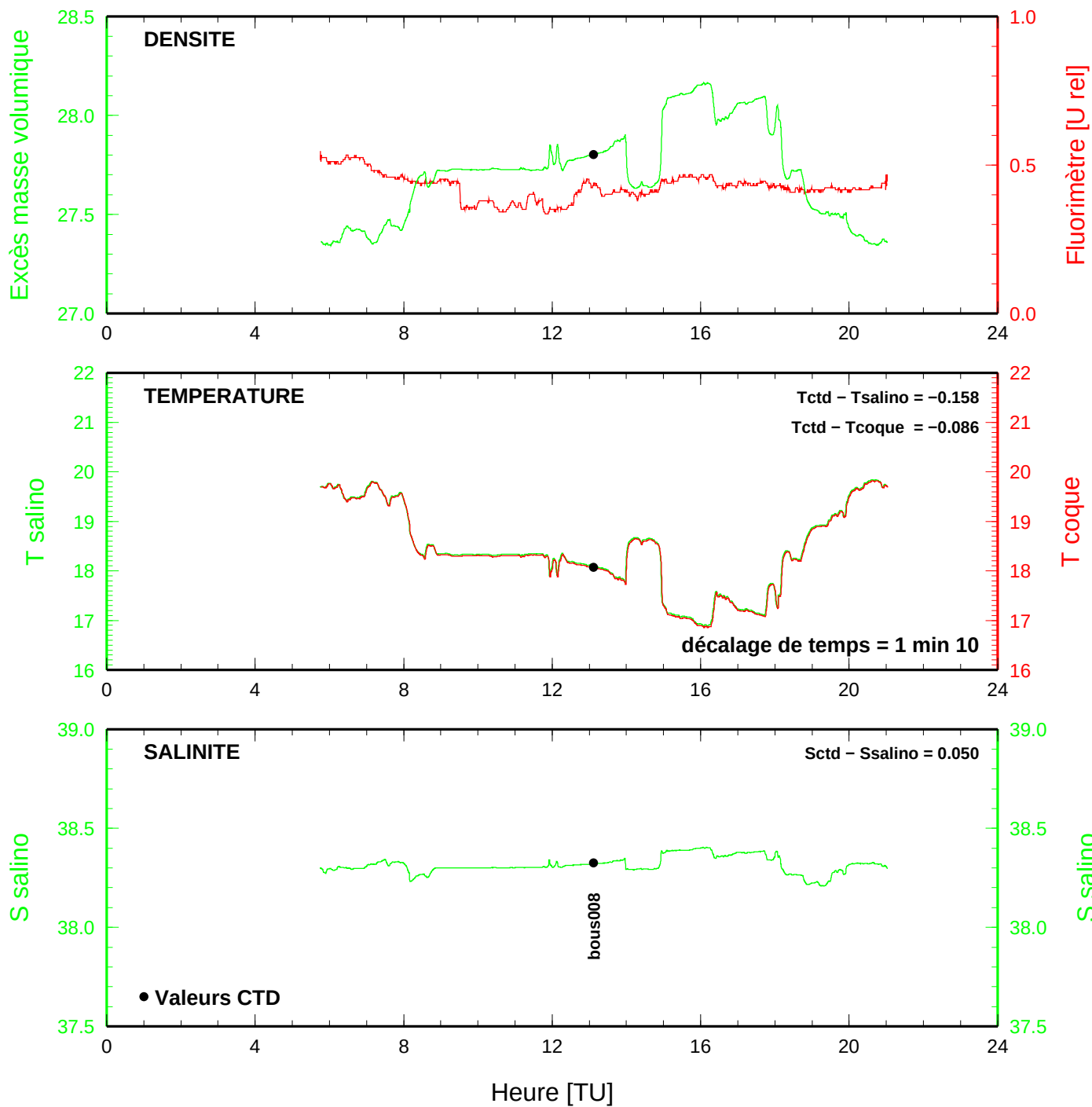
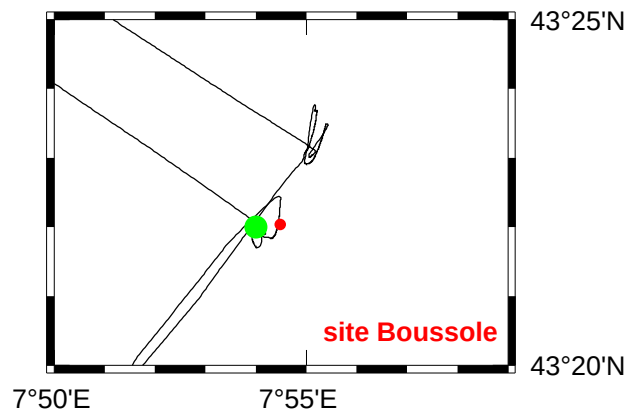
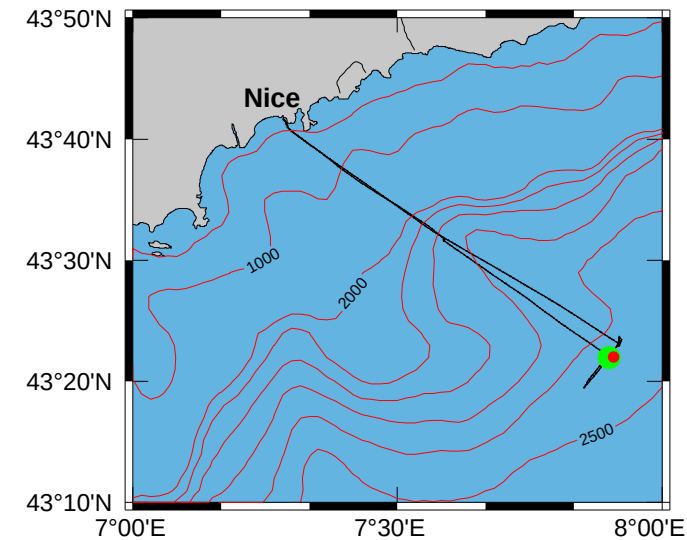
Date 08/11/2006
Heure déb 10h 31min [TU]

Latitude 43°22.164 N
Longitude 07°54.644 E

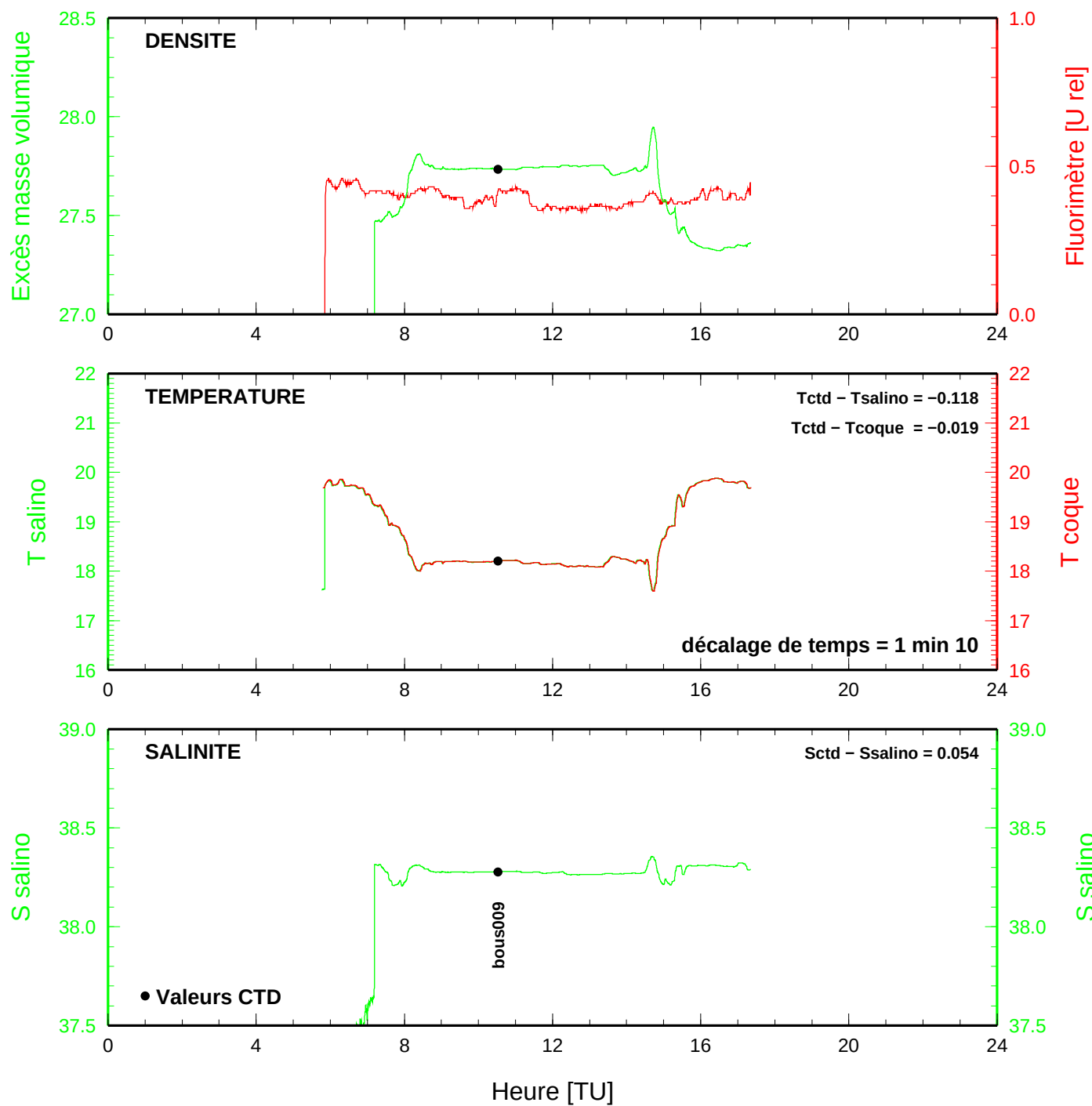
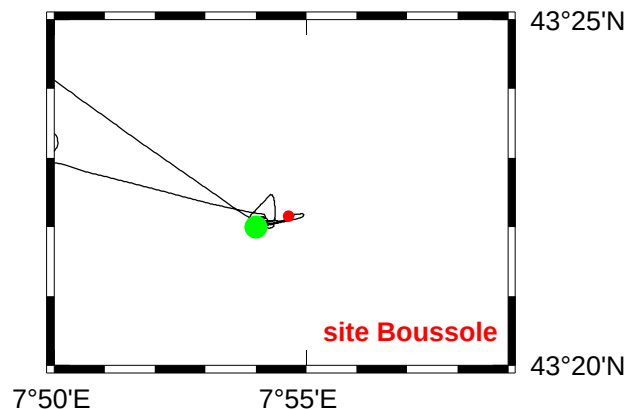
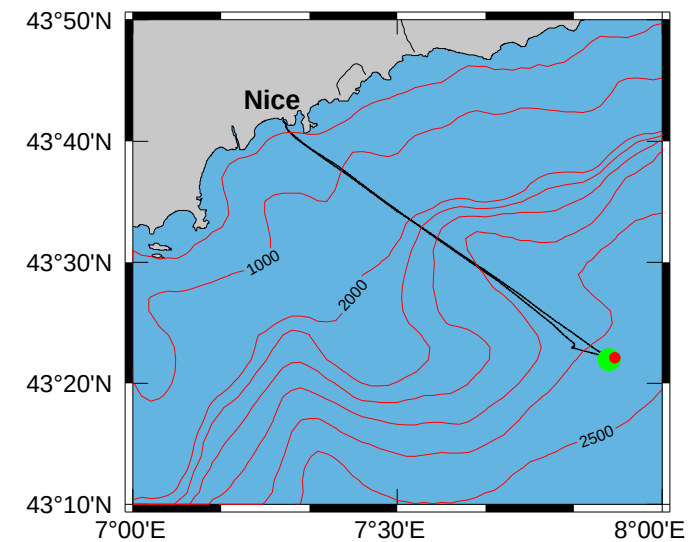
BOUSSOLE 58 06 novembre 2006

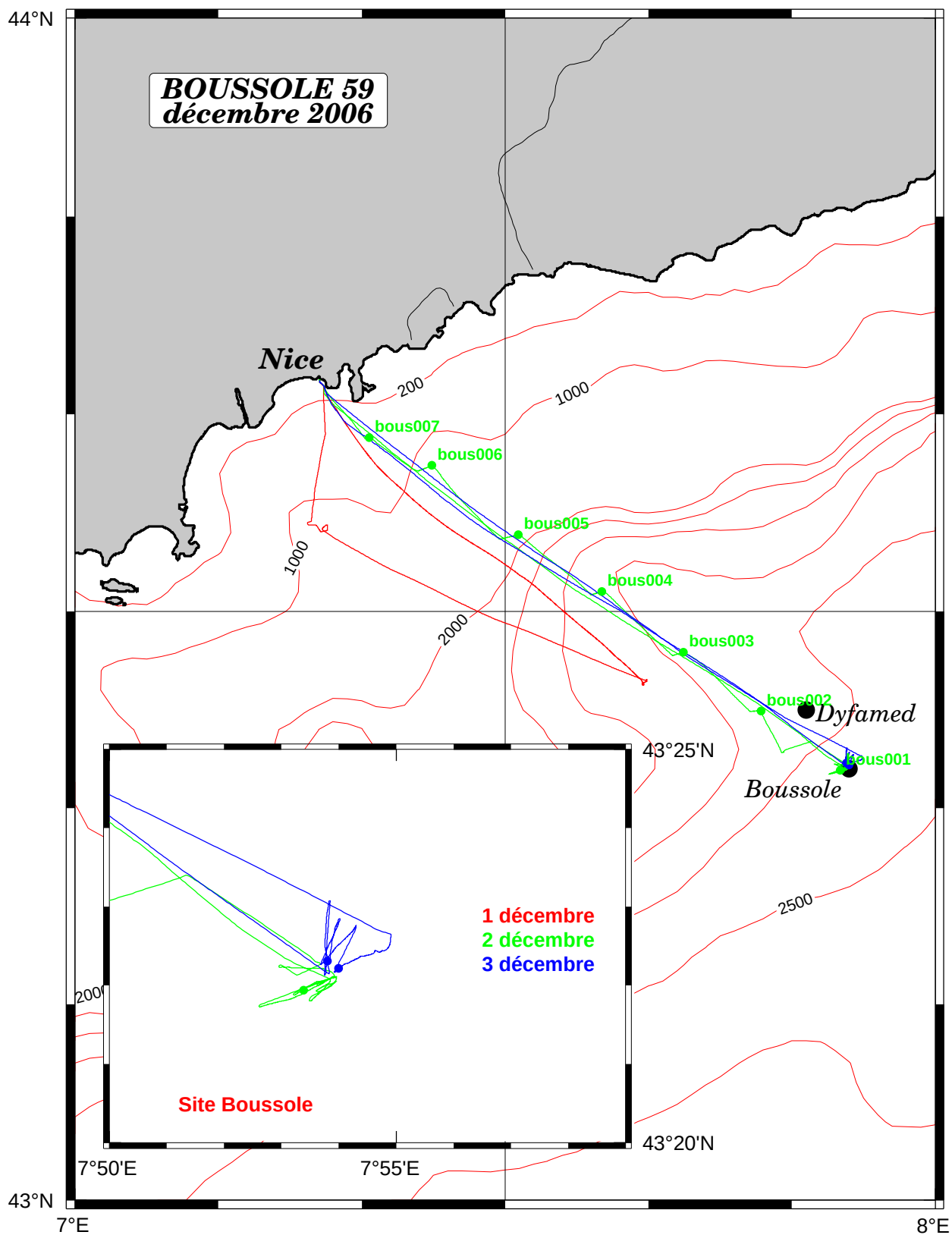


BOUSSOLE 58 07 novembre 2006



BOUSSOLE 58 08 novembre 2006





ASCII file: C:\boussole\dec2006\ctd\raw\calib.com

Configuration report for SBE 911/917 plus CTD

Frequency channels suppressed : 2
Voltage words suppressed : 0
Computer interface : RS-232C
Scans to average : 1
Surface PAR voltage added : Yes
NMEA position data added : No
Scan time added : No

1) Frequency 0, **Temperature**

Serial number : **1378**
Calibrated on : 11-Jan-06
G : 4.87144266e-003
H : 6.79438735e-004
I : 2.72042898e-005
J : 2.17814067e-006
F0 : 1000.000
Slope : 1.00000000
Offset : 0.0000

2) Frequency 1, **Conductivity**

Serial number : **2929**
Calibrated on : 10-Jan-06
G : -1.06099003e+001
H : 1.42248392e+000
I : 2.00064186e-005
J : 6.17534200e-005
CTcor : 3.2500e-006
CPcor : -9.57000000e-008
Slope : 1.00000000
Offset : 0.0000

3) Frequency 2, **Pressure, Digiquartz with TC**

Serial number : **53981**
Calibrated on : 11-Jan-95
C1 : -4.499337e+004
C2 : 4.543683e-001
C3 : 1.505020e-002
D1 : 3.936600e-002
D2 : 0.000000e+000
T1 : 3.004660e+001
T2 : -1.897714e-004
T3 : 4.727060e-006
T4 : 1.923520e-009
T5 : 0.000000e+000
Slope : 0.99985000
Offset : 0.11430
AD590M : 1.138000e-002
AD590B : -8.189160e+000

4) A/D voltage 0, **Oxygen, SBE 43**

Serial number : **0587**
Calibrated on : 10-Jan-04
Soc : 3.5840e-001
Boc : 0.0000
Offset : -0.4782
Tcor : 0.0012
Pcor : 1.35e-004
Tau : 0.0

5) A/D voltage 1, Free

6) A/D voltage 2, **Fluorometer, Chelsea Aqua 3**

Serial number : **088193**
Calibrated on : 27-oct-97
VB : 0.165000
V1 : 1.933000
Vacetone : 0.250000
Scale factor : 1.000000
Slope : 1.000000
Offset : 0.000000

7) A/D voltage 3, Free

8) A/D voltage 4, **Fluorometer, Wetlab CDOM**

Serial number : **1095P**
Calibrated on : 31-Jul-06
Vblank : 0.058
Scale factor : 62.000

9) A/D voltage 5, **Transmissometer, Wetlab CStar**

Serial number : **887DR**
Calibrated on : 13-Feb-06
M : 21.4500
B : -1.2870
Path length : 0.250

10) A/D voltage 6, Free

11) A/D voltage 7, Free

12) SPAR voltage, Unavailable

13) SPAR voltage, **SPAR/Surface Irradiance**

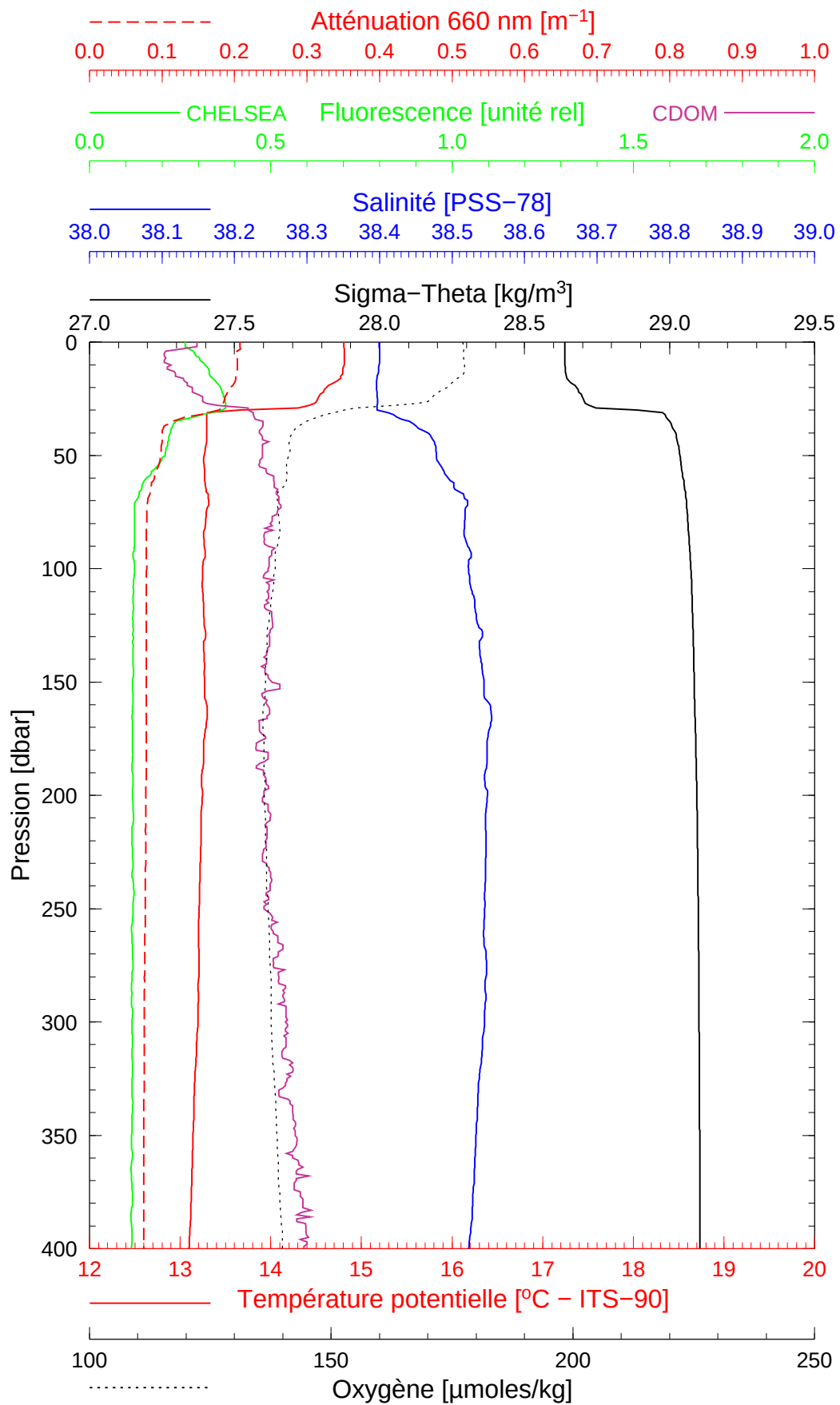
Serial number : **6326**
Calibrated on : 24-fev-95
Conversion factor : 753.25000000
Ratio multiplier : 1.00000000

Boussole 59

02/12/2006

BOUS061202_01

BOUS001



Date 02/12/2006
Heure déb 11h 33min [TU]

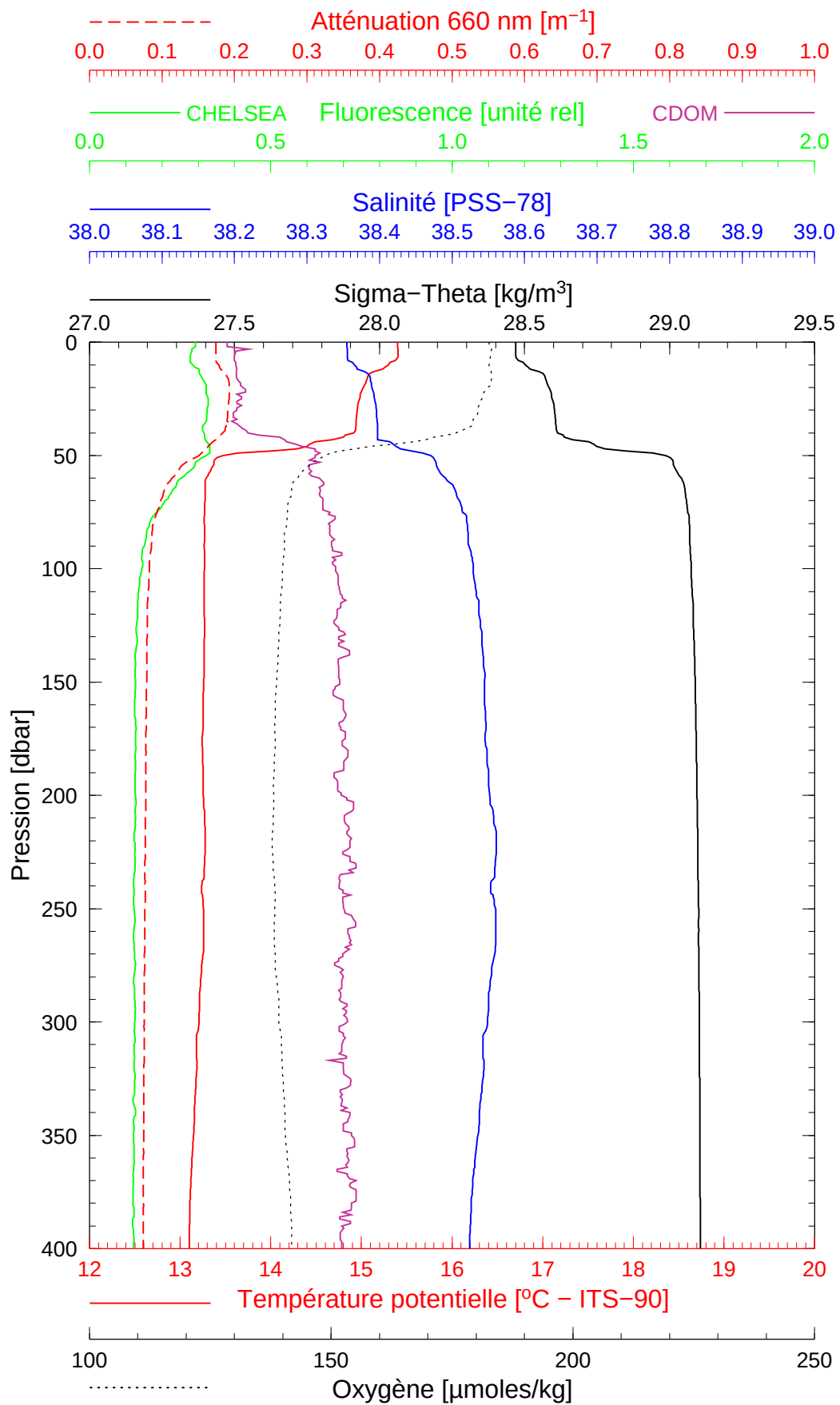
Latitude $43^{\circ}21.939\text{ N}$
Longitude $07^{\circ}53.390\text{ E}$

Boussole 59

02/12/2006

BOUS061202_02

BOUS002



Date 02/12/2006
Heure déb 13h 43min [TU]

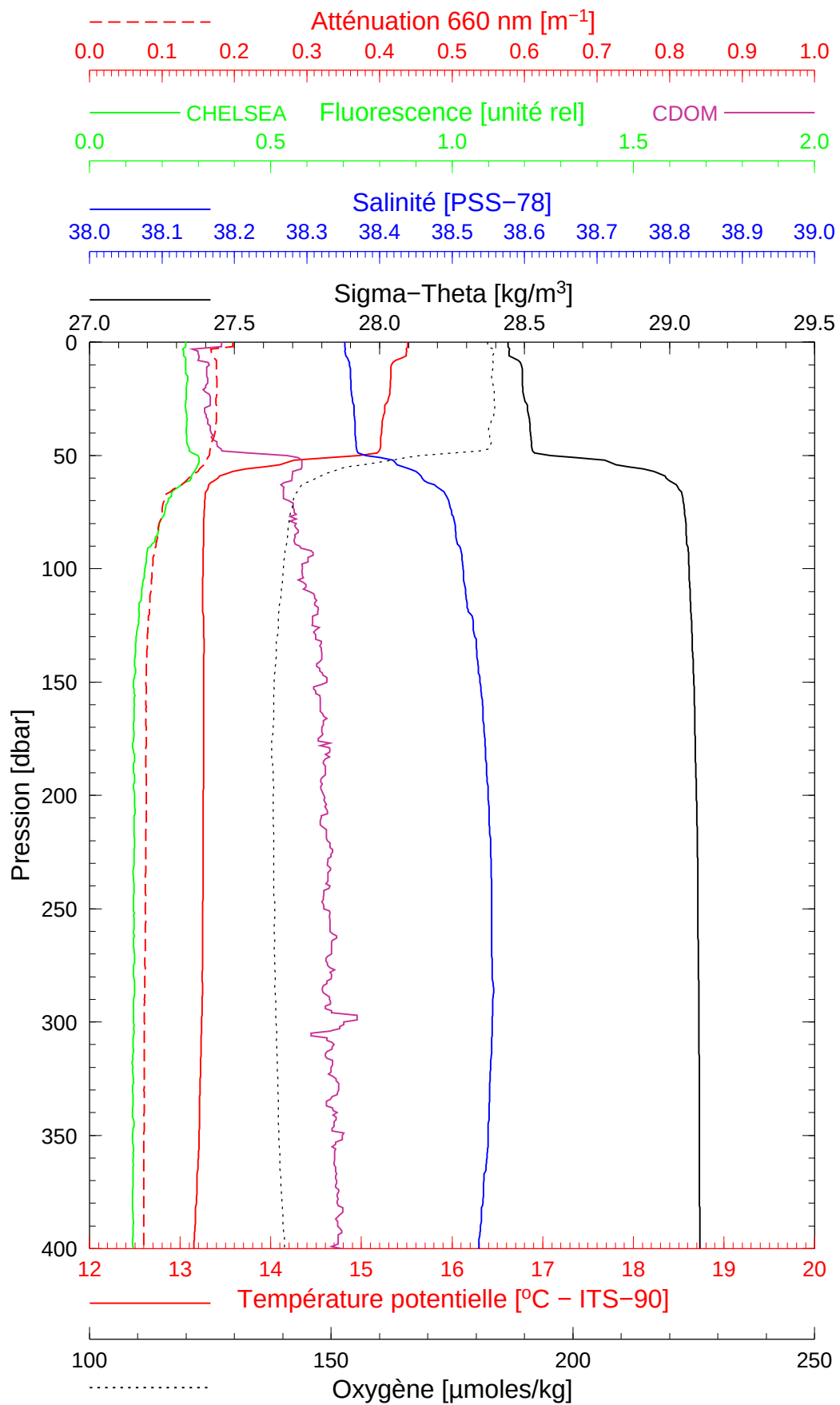
Latitude $43^{\circ}24.951$ N
Longitude $07^{\circ}47.855$ E

Boussole 59

02/12/2006

BOUS061202_03

BOUS003



Date 02/12/2006
Heure déb 14h 36min [TU]

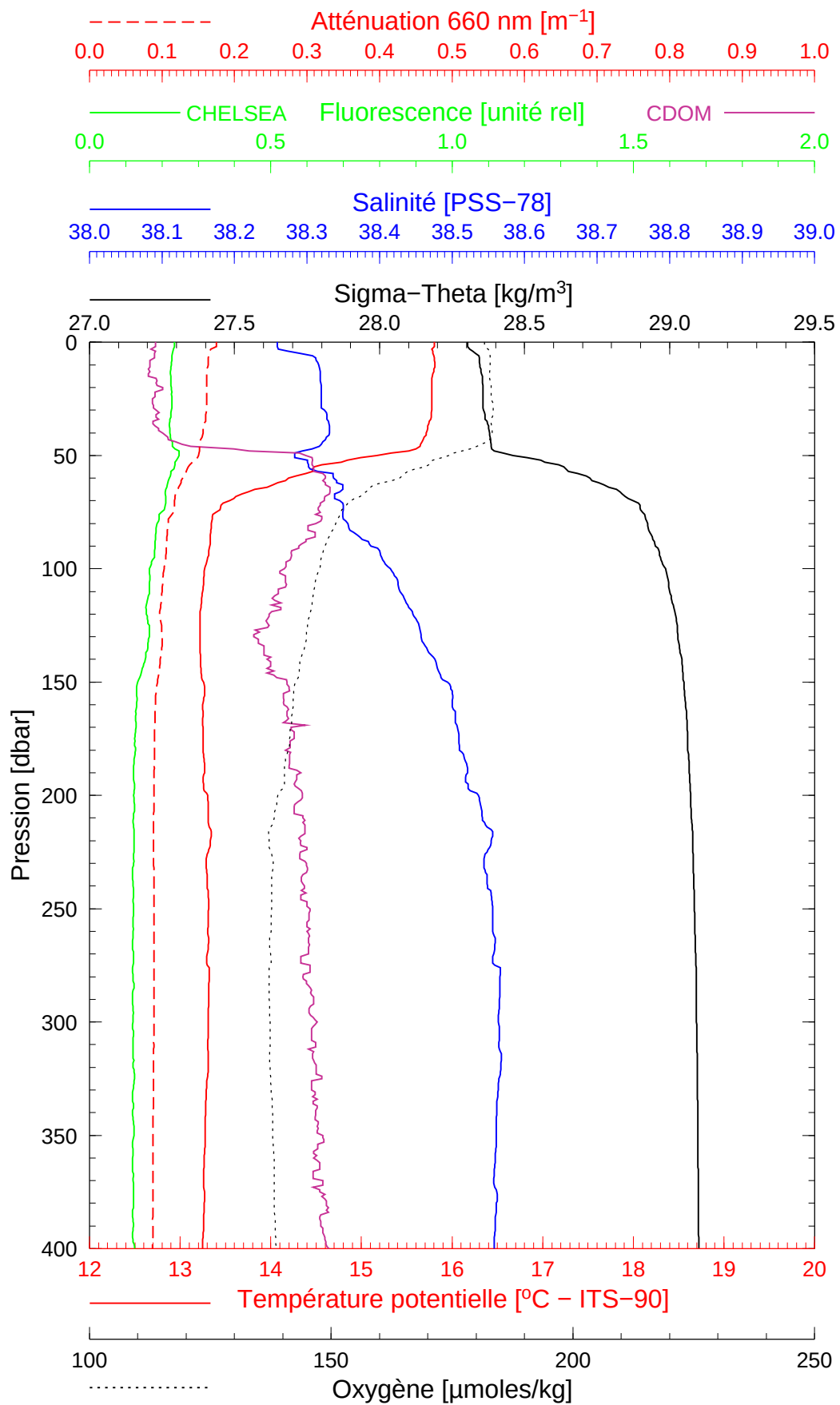
Latitude $43^{\circ}27.935\text{ N}$
Longitude $07^{\circ}42.444\text{ E}$

Boussole 59

02/12/2006

BOUS061202_04

BOUS004



Date 02/12/2006
Heure déb 15h 36min [TU]

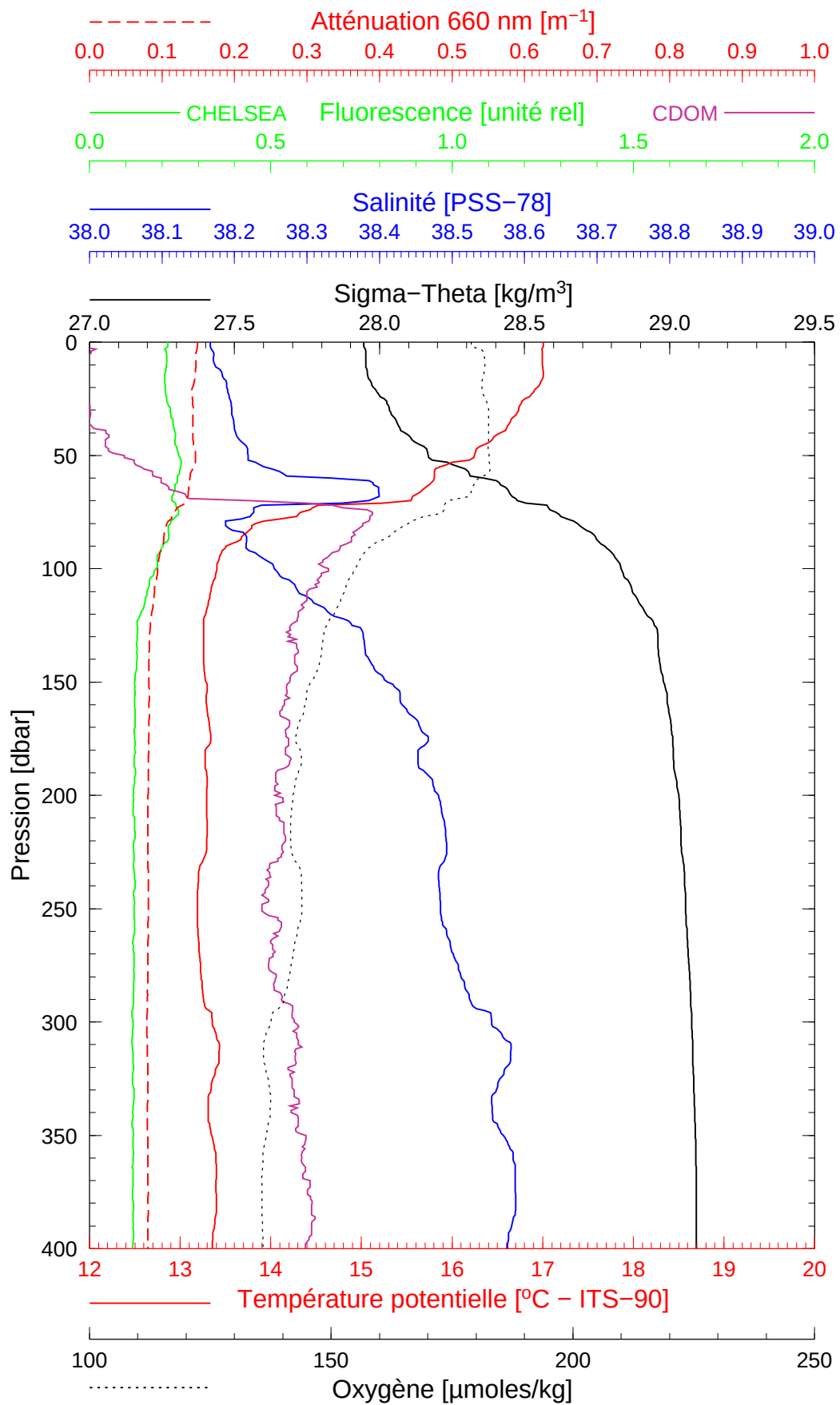
Latitude $43^{\circ}31.013$ N
Longitude $07^{\circ}36.762$ E

Boussole 59

02/12/2006

BOUS061202_05

BOUS005



Date 02/12/2006
Heure déb 16h 33min [TU]

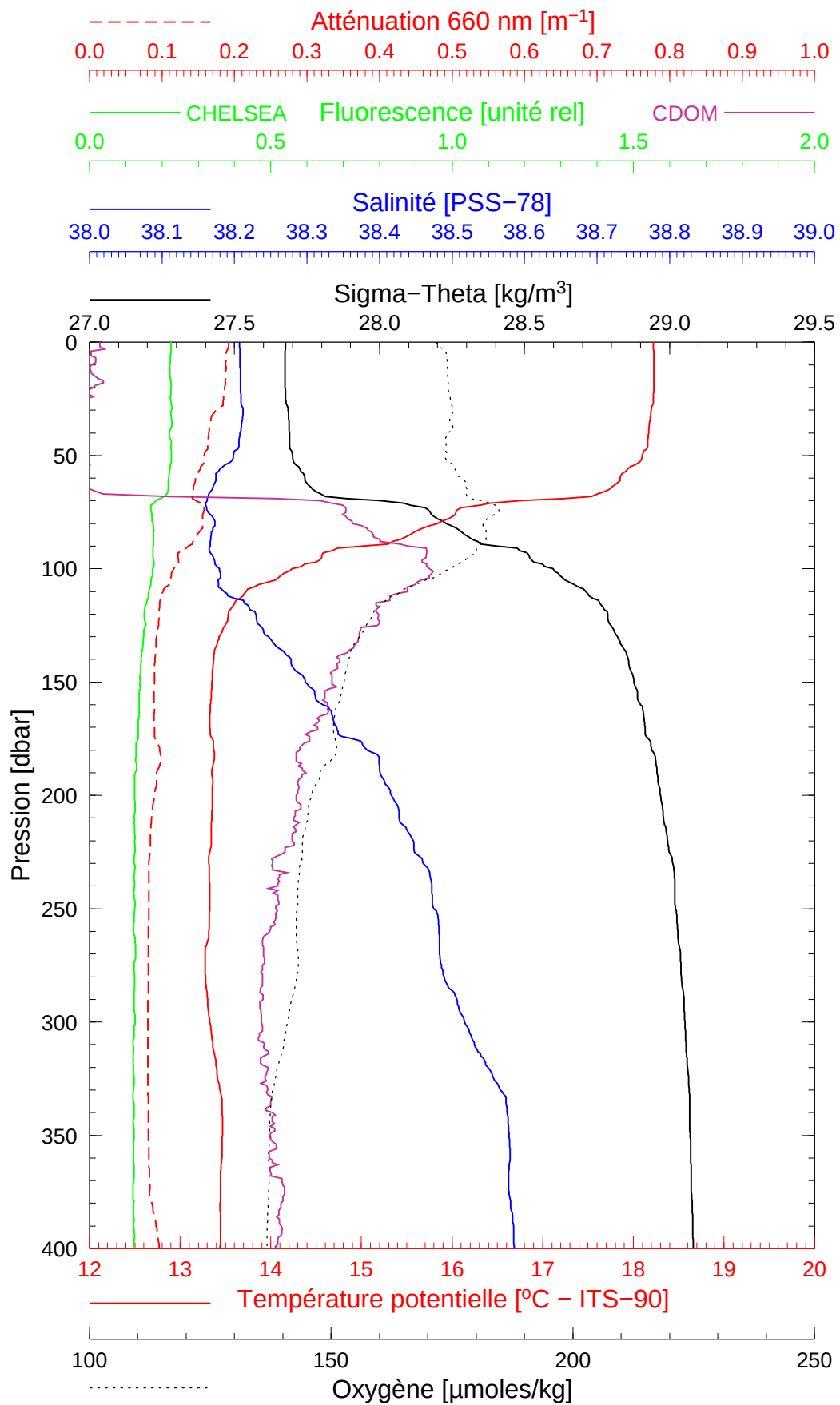
Latitude 43°33.901 N
Longitude 07°30.912 E

Boussole 59

02/12/2006

BOUS061202_06

BOUS006



Date 02/12/2006
Heure déb 17h 37min [TU]

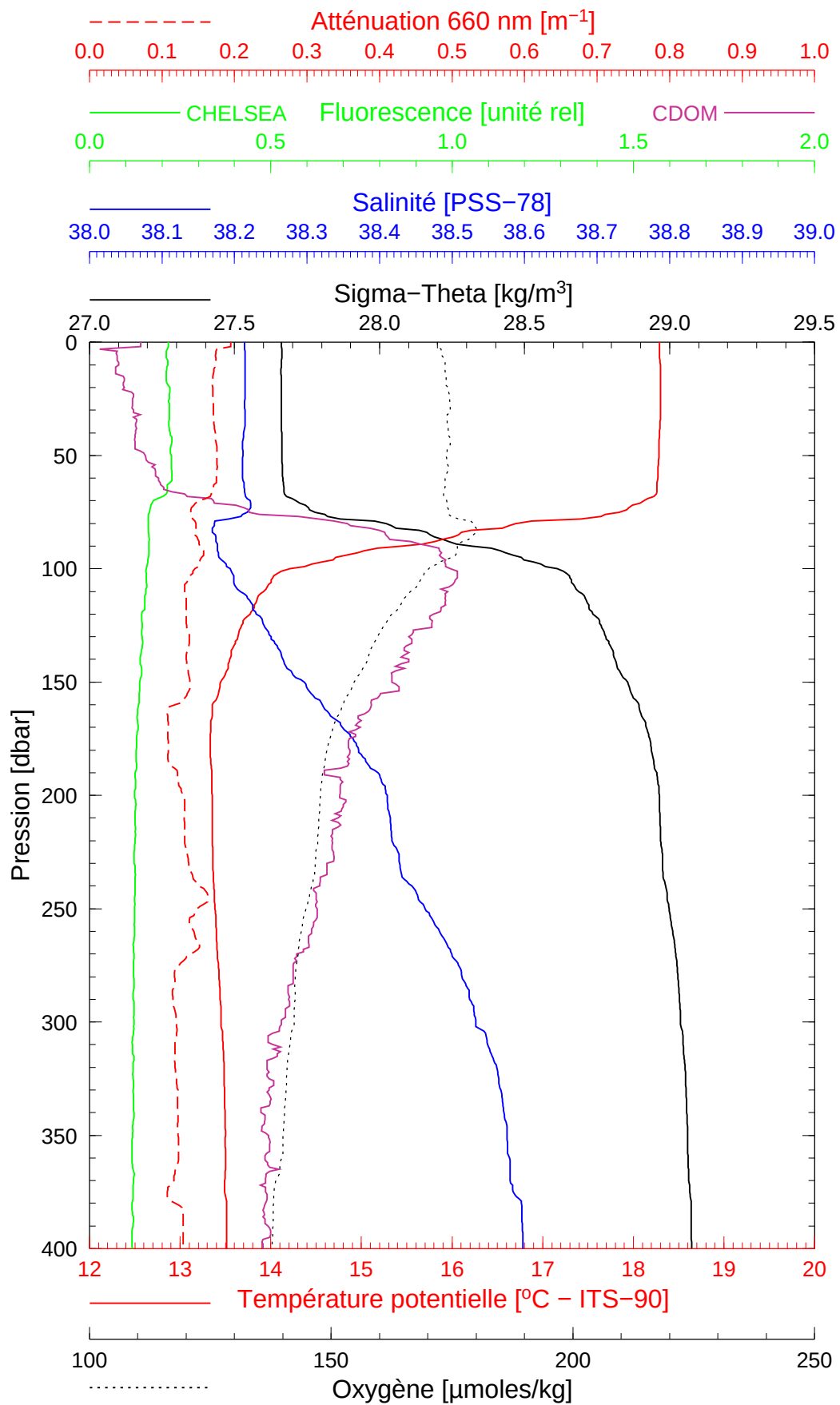
Latitude $43^{\circ}37.416\text{ N}$
Longitude $07^{\circ}24.878\text{ E}$

Boussole 59

02/12/2007

BOUS061202_07

BOUS007



Date 02/12/2007

Latitude 43°38.824 N

Heure déb 18h 27min [TU]

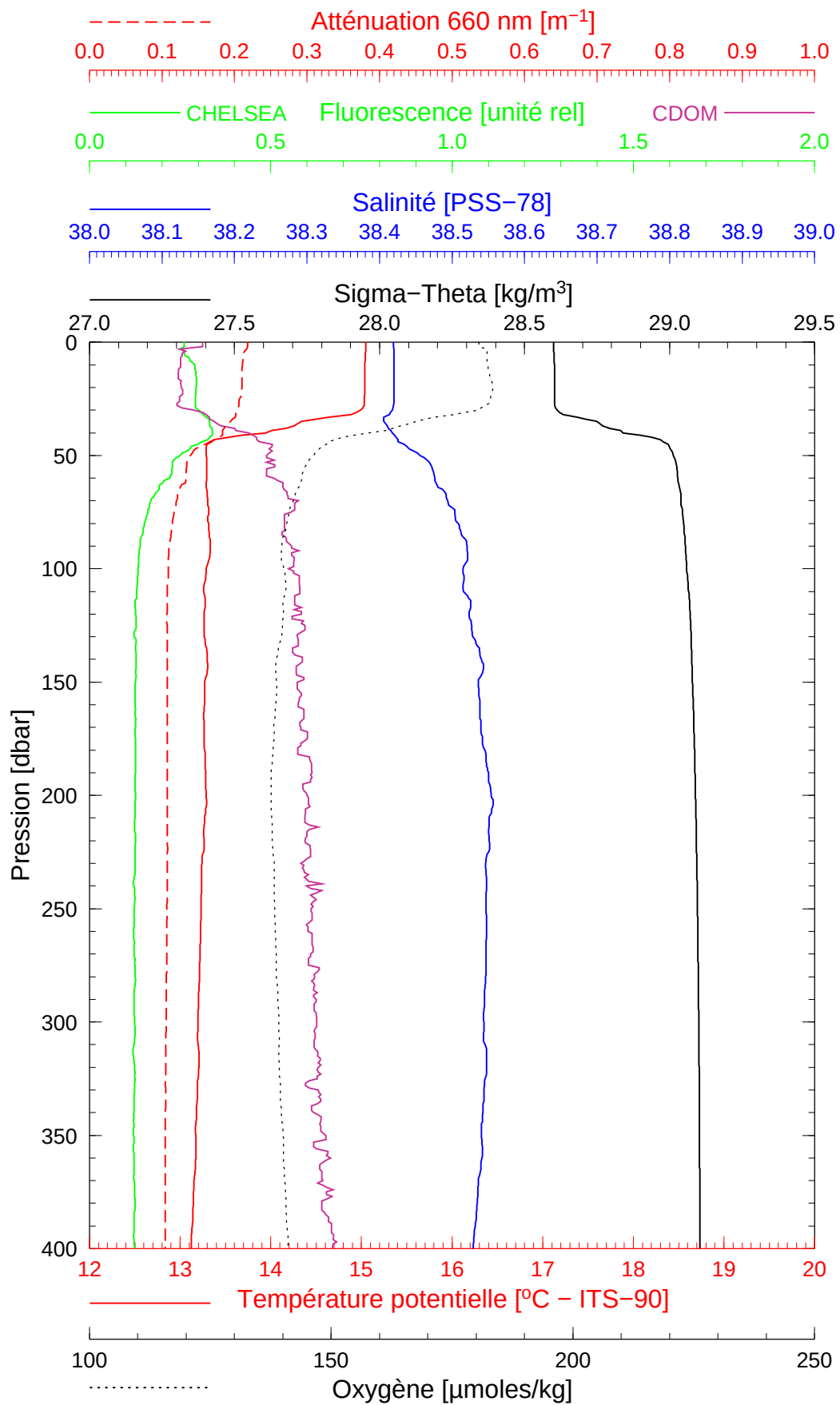
Longitude 07°20.529 E

Boussole 59

03/12/2006

BOUS061203_01

BOUS008



Date 03/12/2006

Latitude 43°22.310 N

Heure déb 09h 11min [TU]

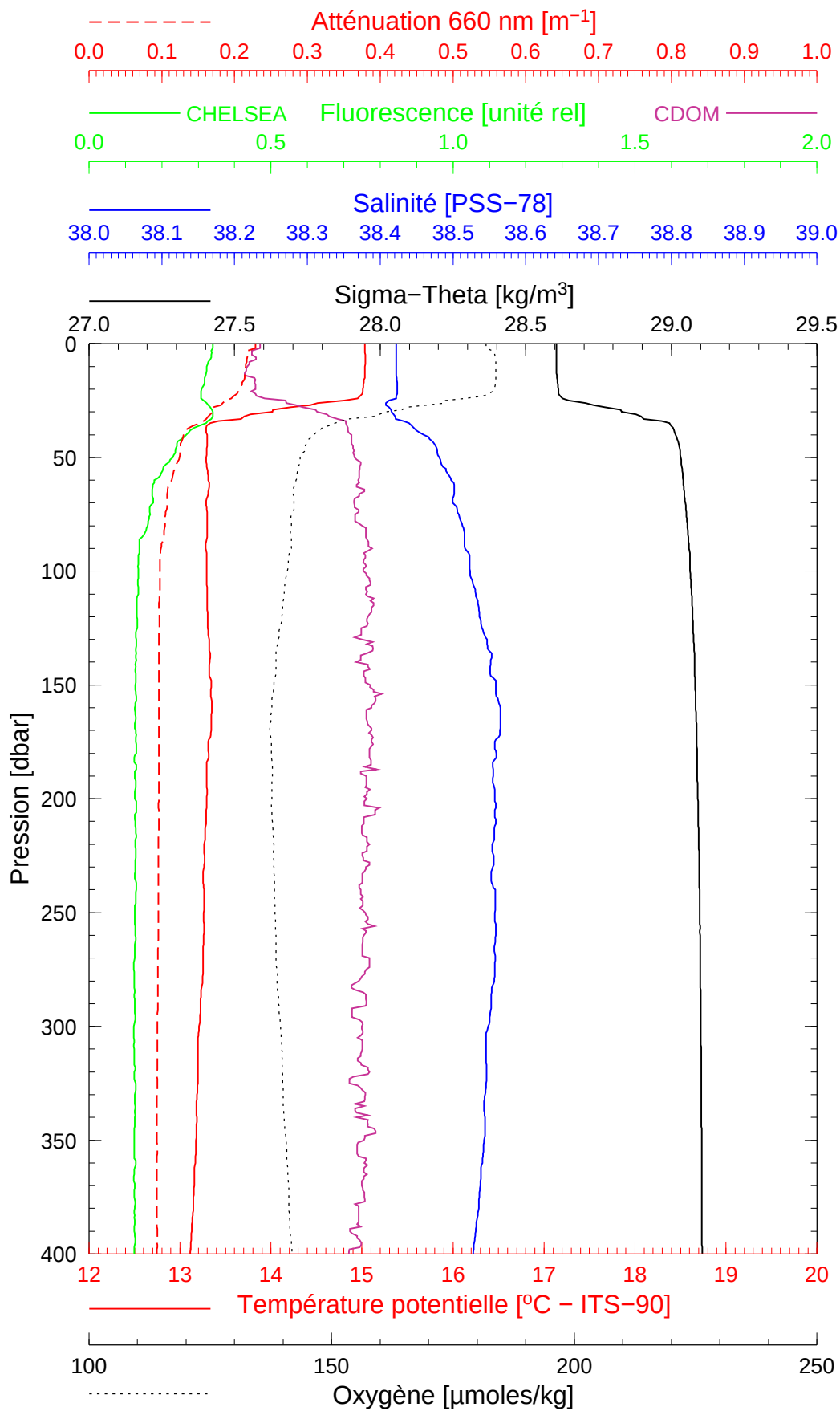
Longitude 07°53.804 E

Boussole 59

03/12/2006

BOUS061203_02

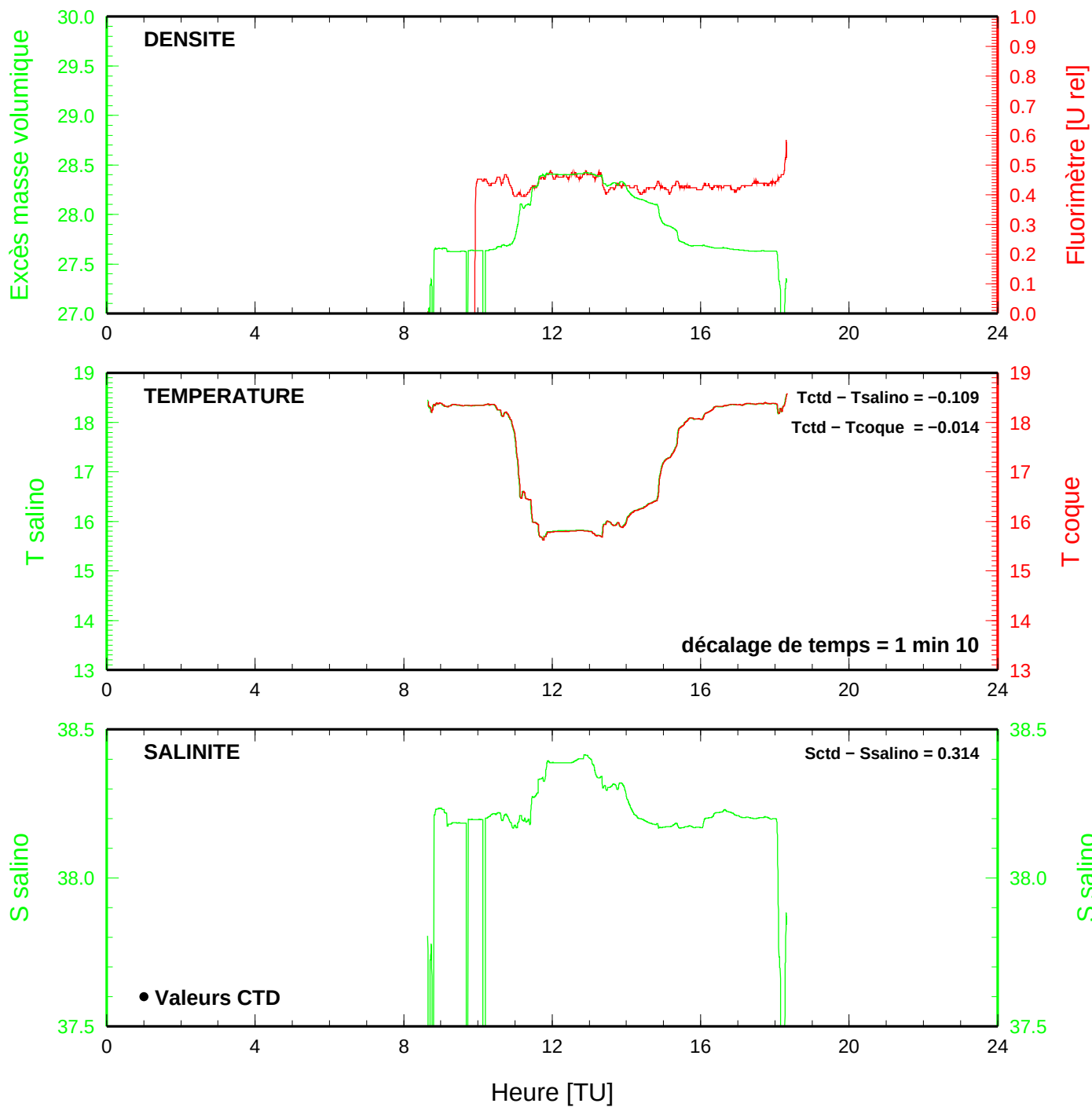
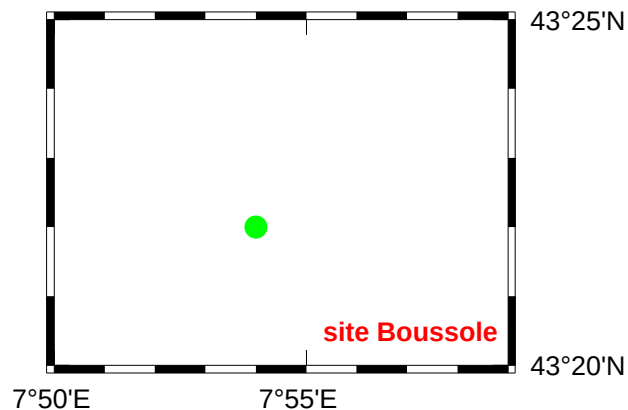
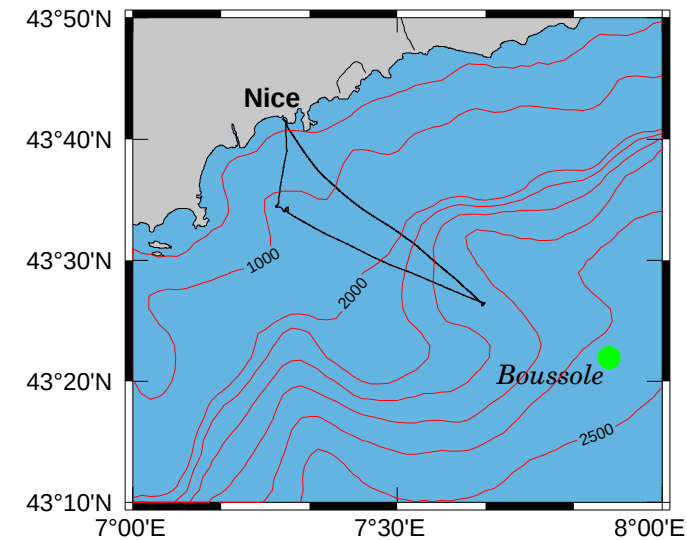
BOUS009



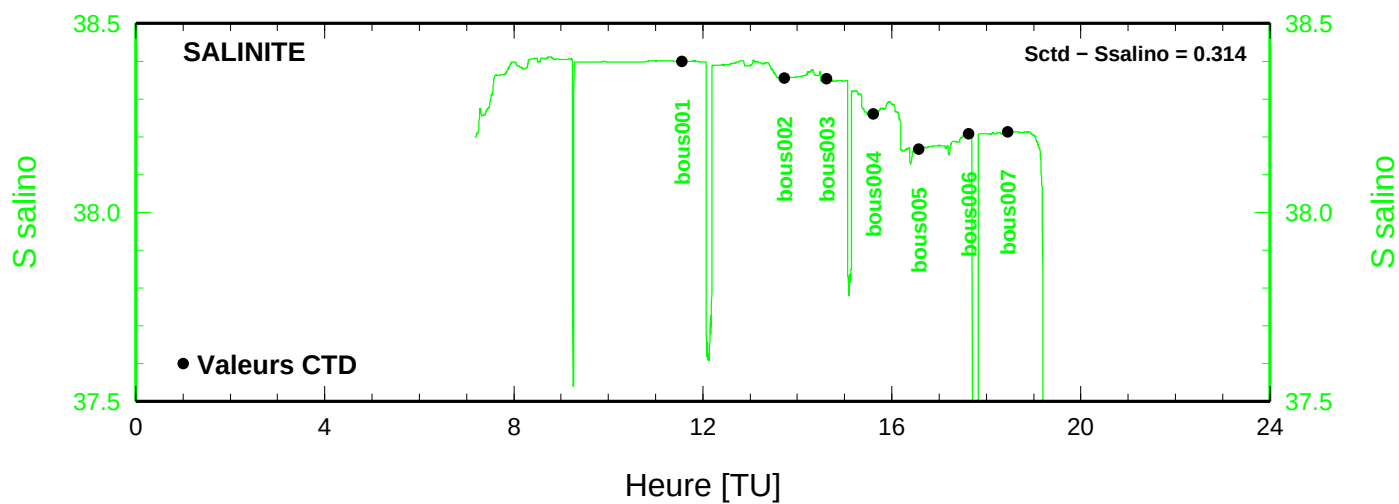
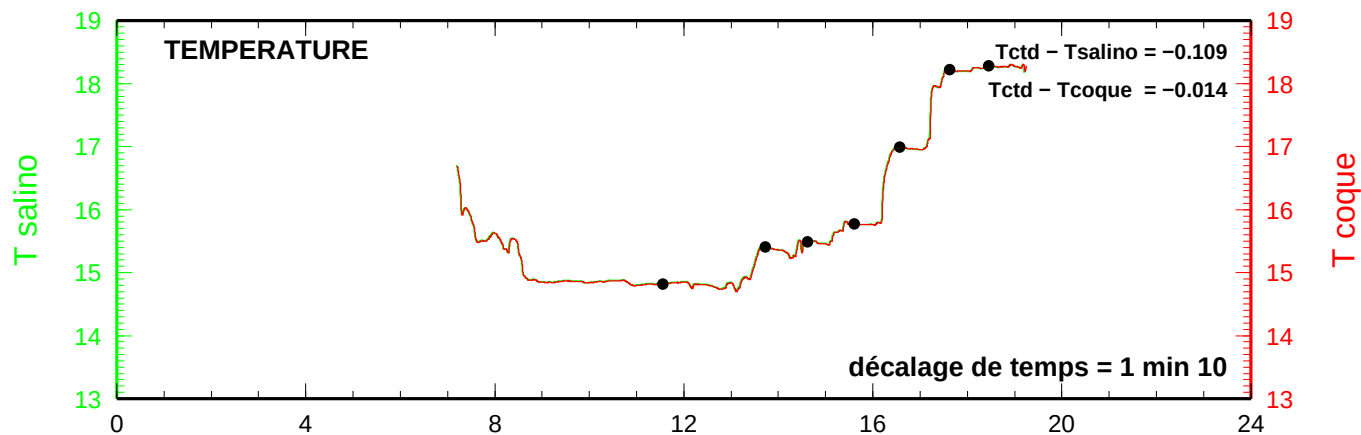
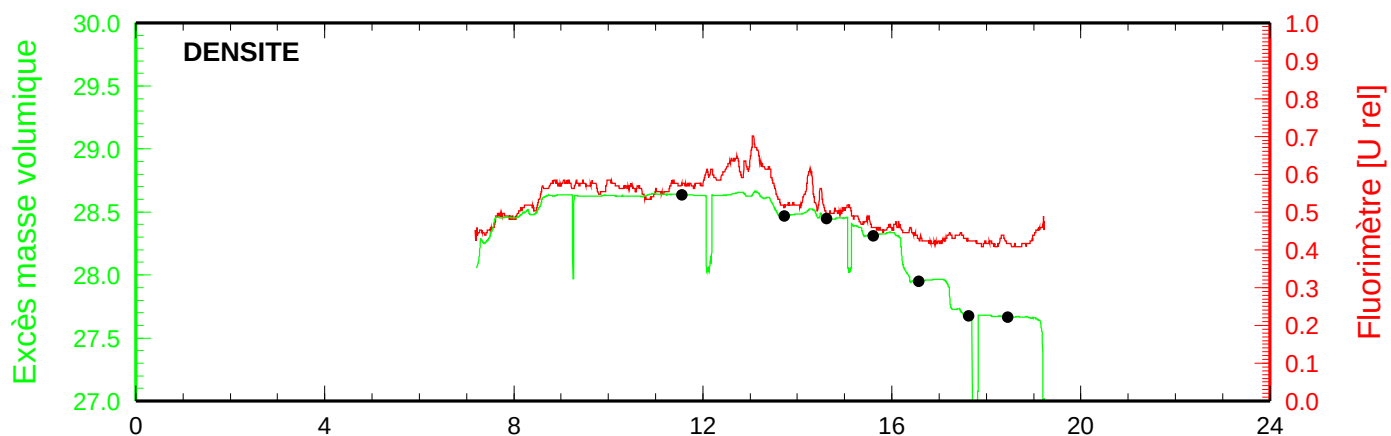
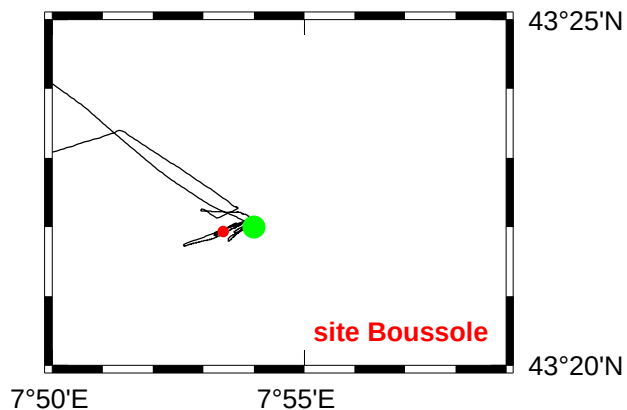
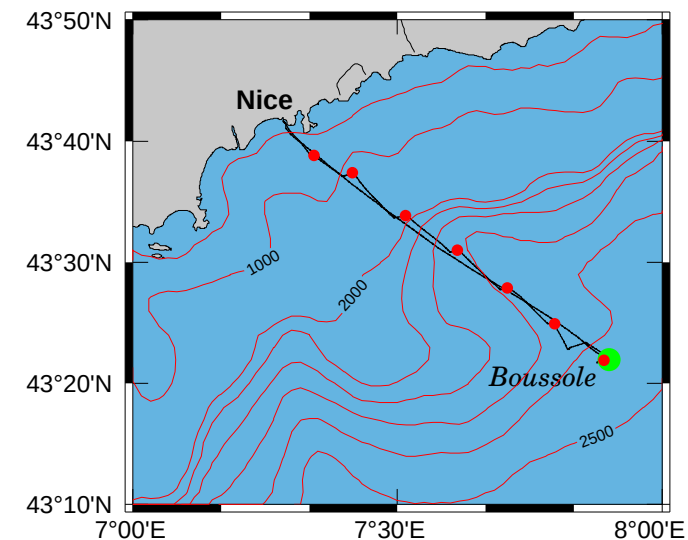
Date 03/12/2006
Heure déb 12h 05min [TU]

Latitude $43^{\circ}22.215\text{ N}$
Longitude $07^{\circ}53.994\text{ E}$

BOUSSOLE 59 01 décembre 2006



BOUSSOLE 59 02 décembre 2006



BOUSSOLE 59 03 décembre 2006

