

BOUSSOLE PROJECT

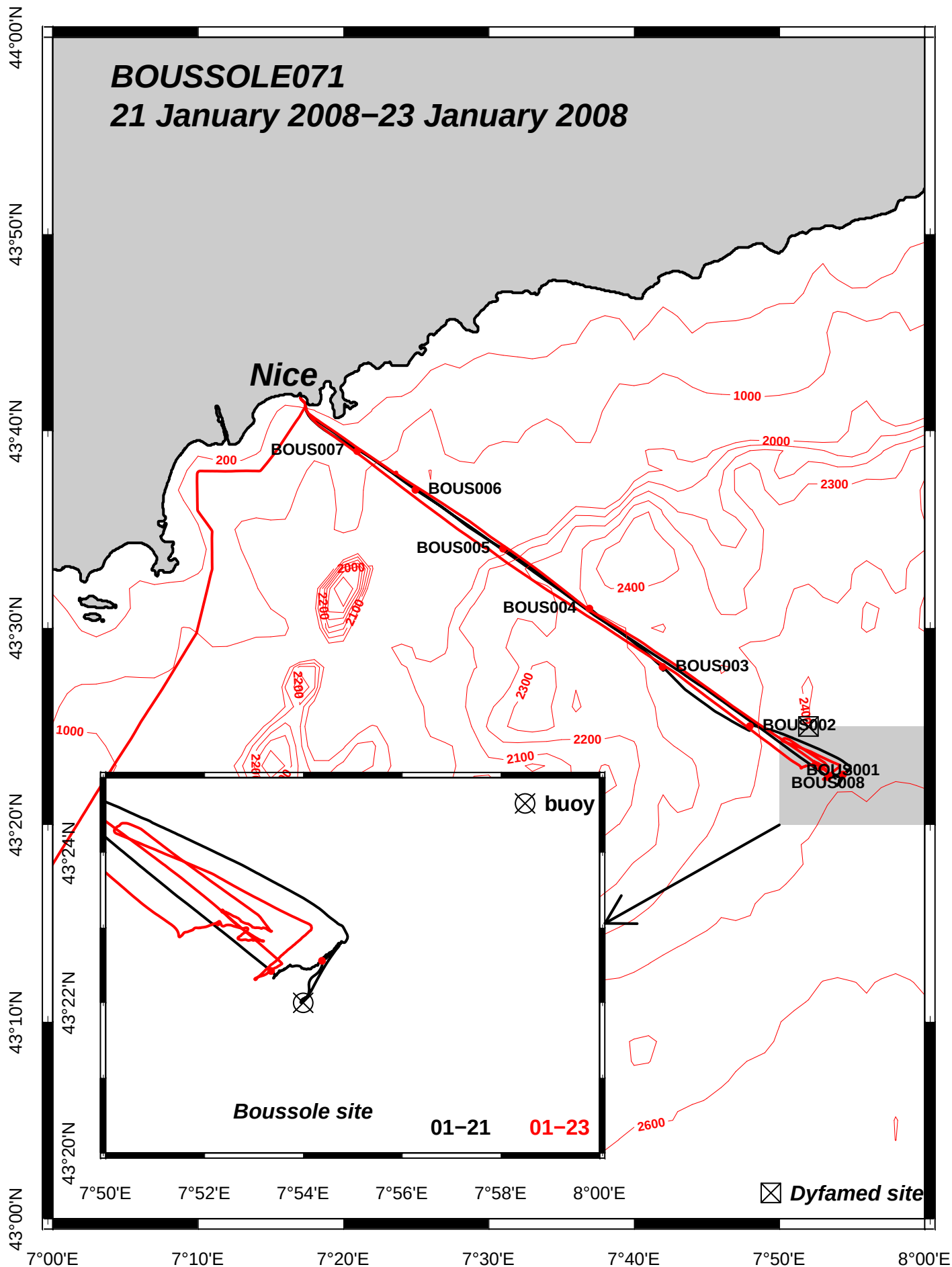
CTD Data catalogue for 2008 Cruise 71 to cruise 82



Dominique Tailleux repairing the CTD cable. Dominique, who died on 26 March 2008, participated to all BOUSSOLE cruises and his experience brought an invaluable contribution to the project.

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





Instrument configuration file: **C:\boussole\janv2008\ctd\raw\calib.CON**

Configuration report for SBE 911plus/917plus CTD

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

1) Frequency 0, **Temperature**

Serial number : **1378**
Calibrated on : 18-Jan-07
G : 4.87141758e-003
H : 6.79499329e-004
I : 2.72653519e-005
J : 2.19087641e-006
F0 : 1000.000
Slope : 1.00000000
Offset : 0.0000

2) Frequency 1, **Conductivity**

Serial number : **2929**
Calibrated on : 06-Jan-07
G : -1.05972506e+001
H : 1.41871895e+000
I : 9.89047811e-004
J : -5.59048433e-006
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**
Equation : Owens-Millard
Coefficients for Owens-Millard:
Soc : 3.5840e-001
Boc : 0.0000
Offset : -0.4782
Tcor : 0.0012
Pcor : 1.35e-004
Tau : 0.0
Coefficients for Murphy-Larson:
Soc : 0.00000e+000
Offset : 0.00000e+000
A : 0.00000e+000
B : 0.00000e+000
C : 0.00000e+000
E : 0.00000e+000
Tau : 0.00000e+000

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 : 29-May-07
M : 19.7410
B : -1.0857
Path length : 0.250

10) A/D voltage 6, Free

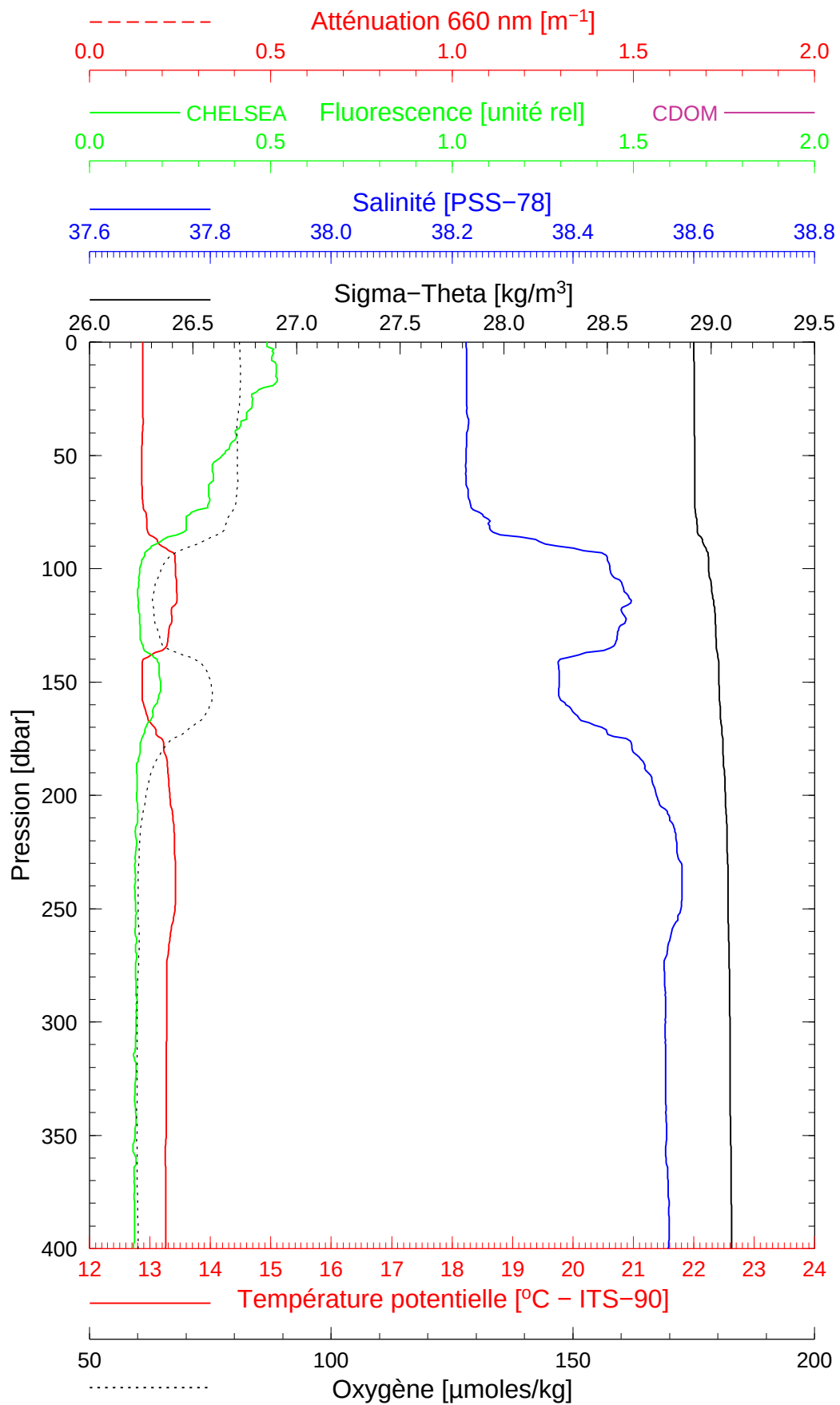
11) A/D voltage 7, Free

Boussole 71

21/01/2008

BOUS080121_01

BOUS001



Date 21/01/2008
Heure déb 12h 38min [TU]

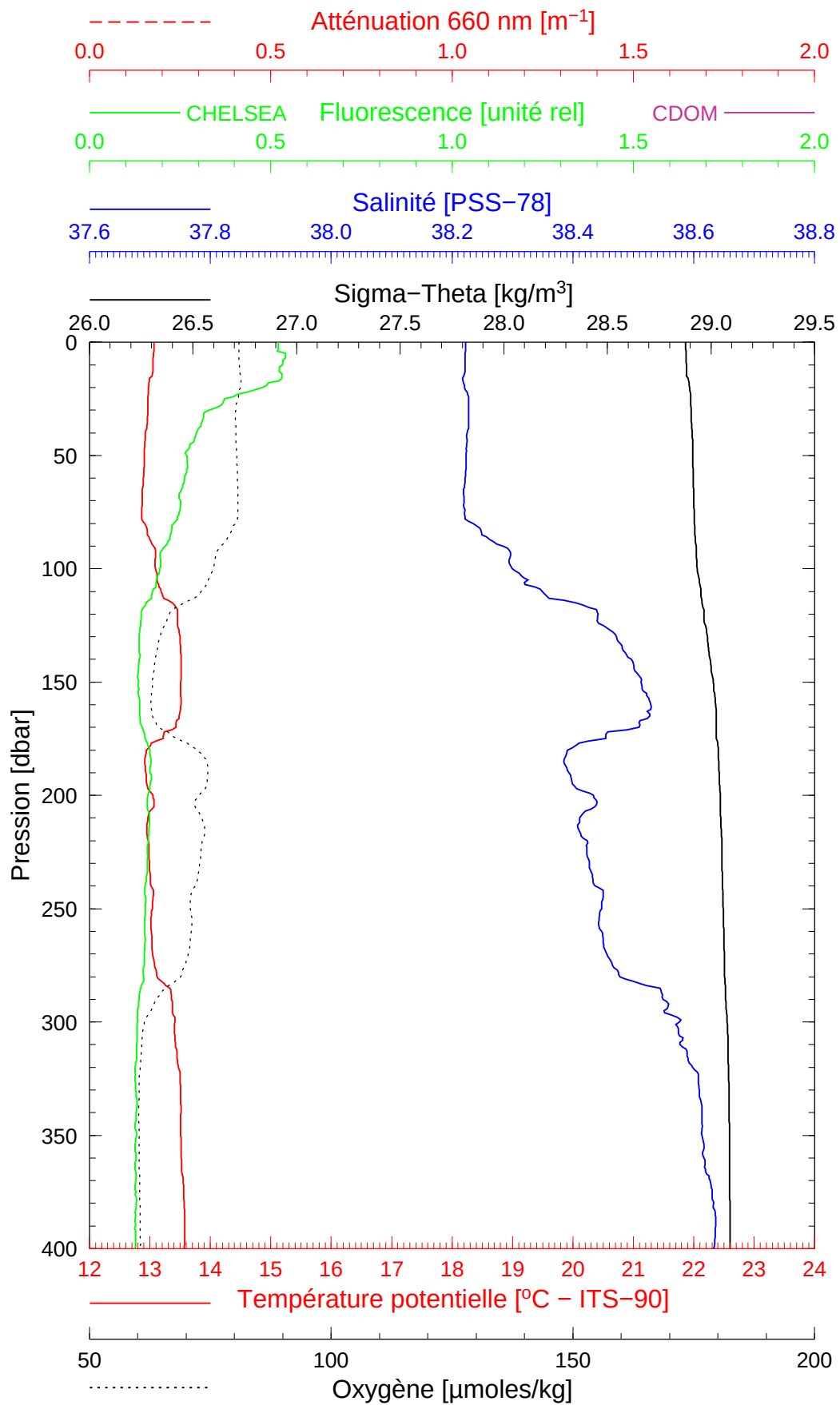
Latitude $43^{\circ}22.560$ N
Longitude $07^{\circ}54.380$ E

Boussole 71

21/01/2008

BOUS080121_02

BOUS002



Date 21/01/2008
Heure déb 14h 17min [TU]

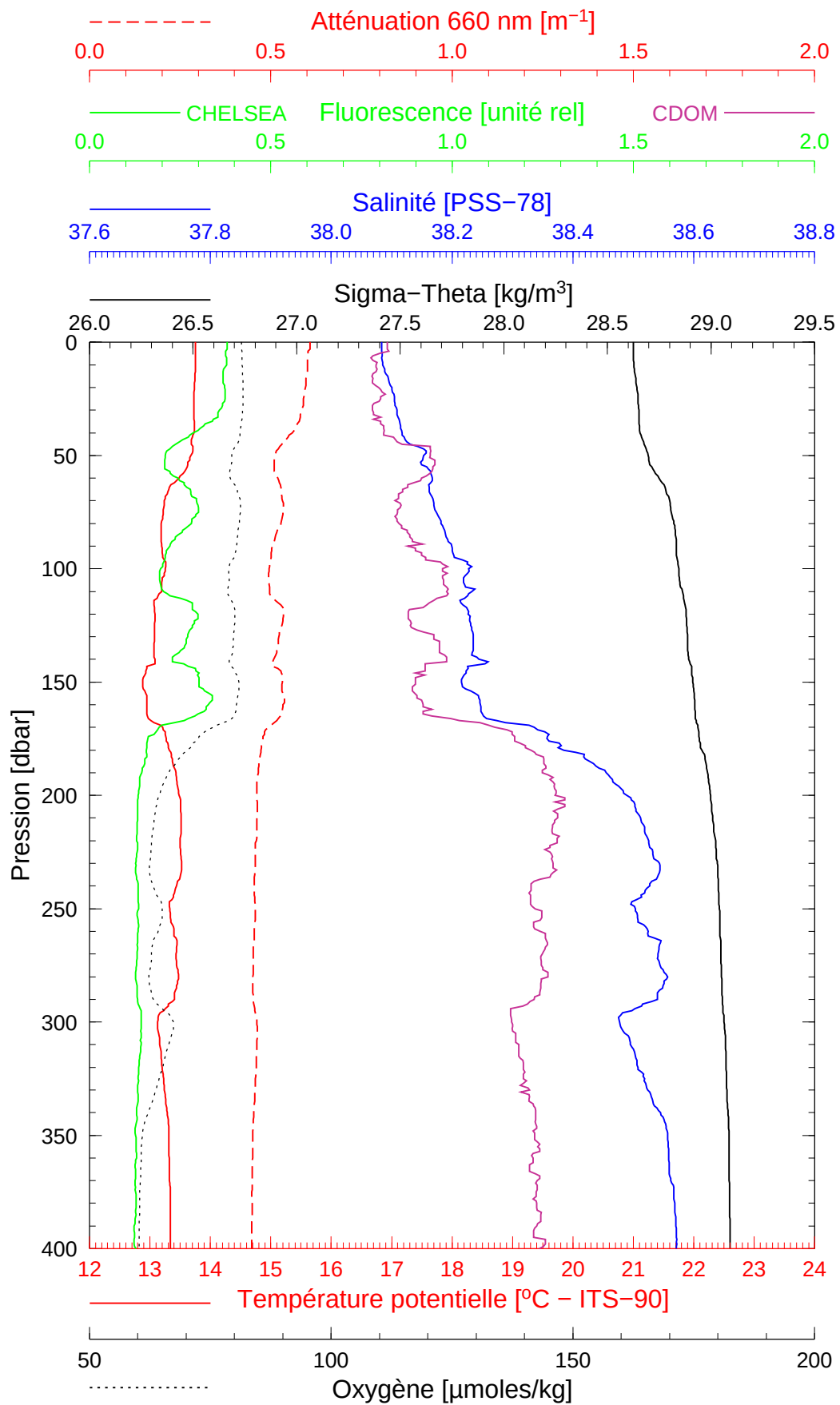
Latitude 43°25.013 N
Longitude 07°47.967 E

Boussole 71

21/01/2008

BOUS080121_03

BOUS003



Date 21/01/2008
Heure déb 15h 22min [TU]

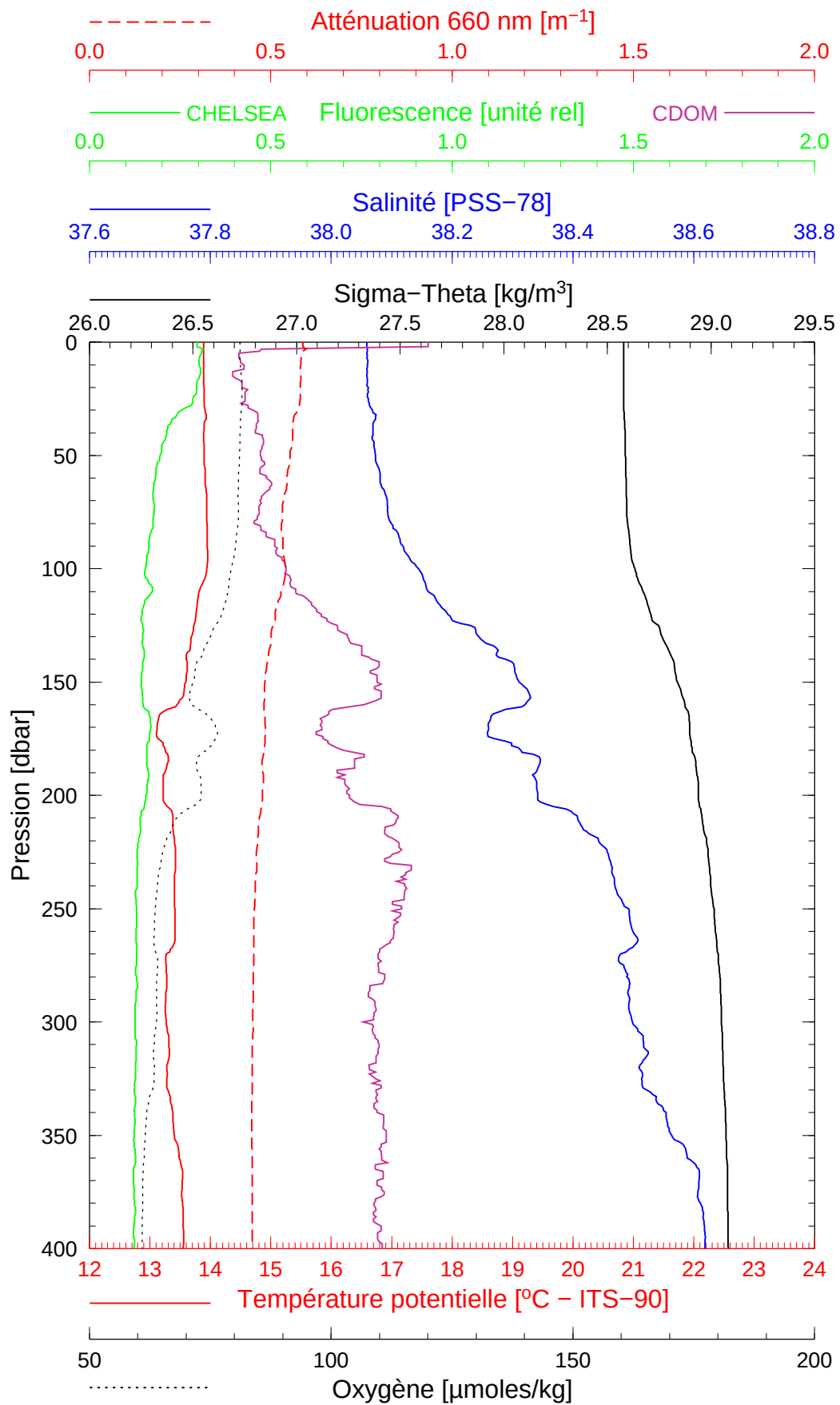
Latitude 43°28.022 N
Longitude 07°41.966 E

Boussole 71

21/01/2008

BOUS080121_04

BOUS004



Date 21/01/2008
Heure déb 16h 23min [TU]

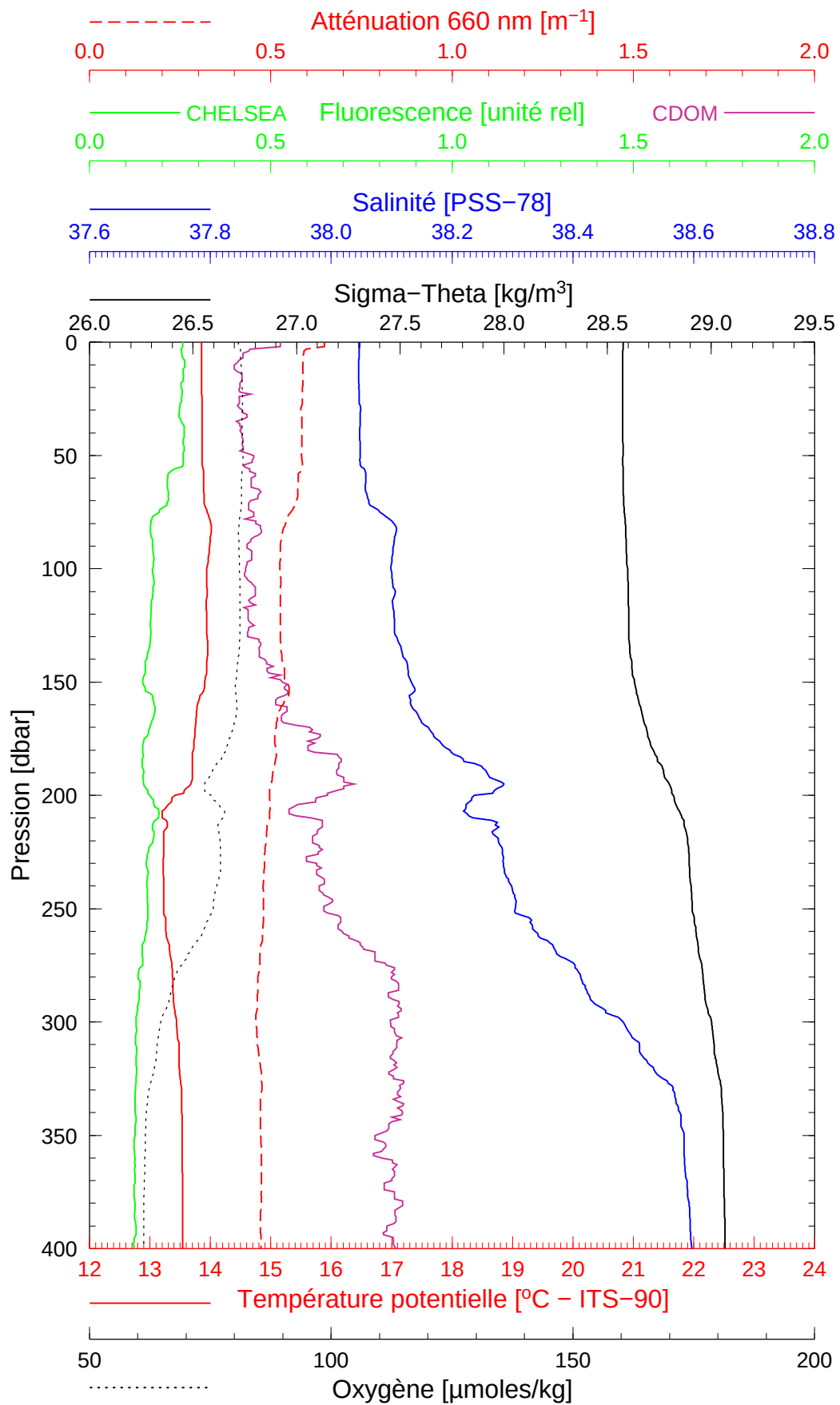
Latitude $43^{\circ}30.985\text{ N}$
Longitude $07^{\circ}36.927\text{ E}$

Boussole 71

21/01/2008

BOUS080121_05

BOUS005



Date 21/01/2008
Heure déb 17h 27min [TU]

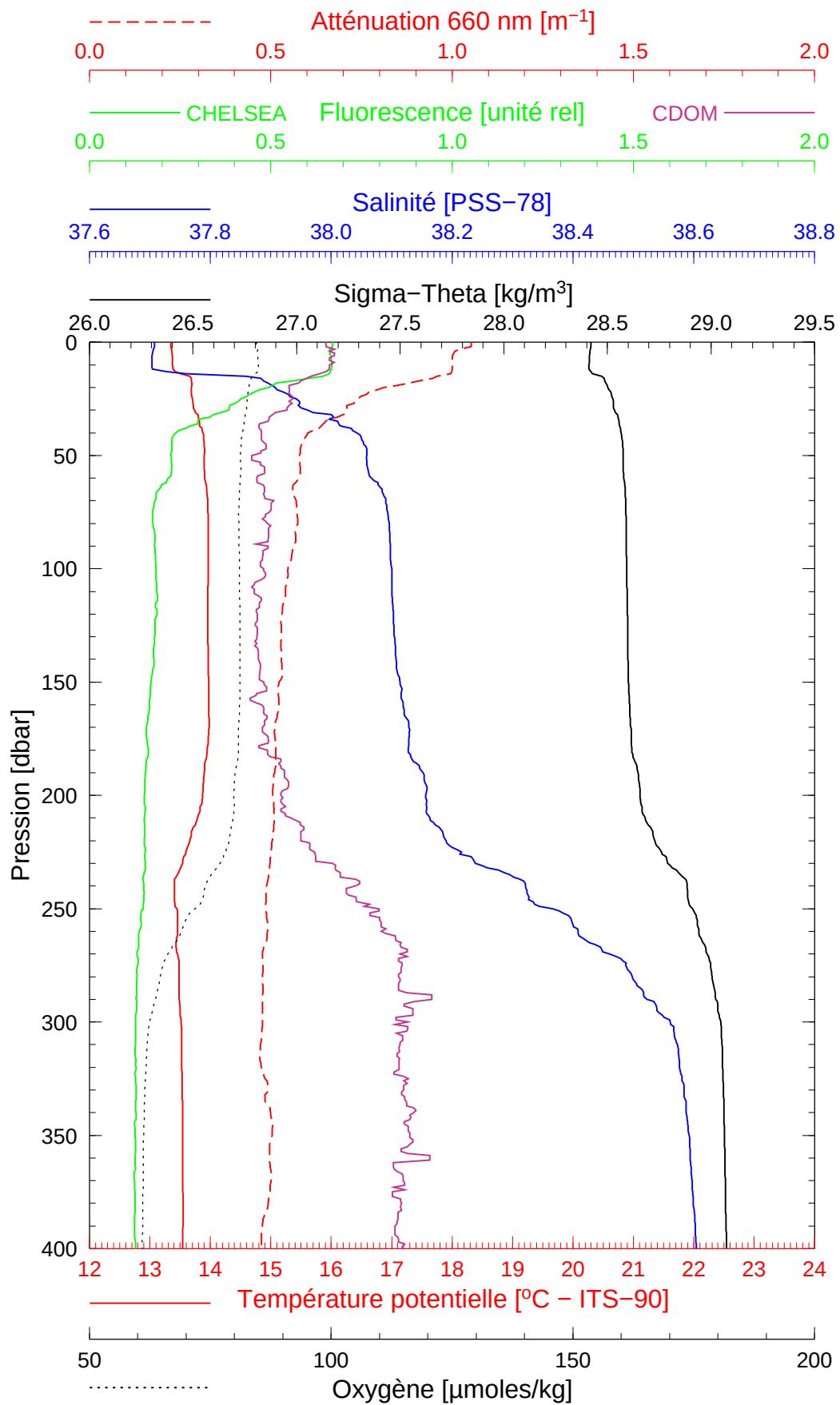
Latitude $43^{\circ}34.027$ N
Longitude $07^{\circ}30.990$ E

Boussole 71

21/01/2008

BOUS080121_06

BOUS006



Date 21/01/2008
Heure déb 18h 31min [TU]

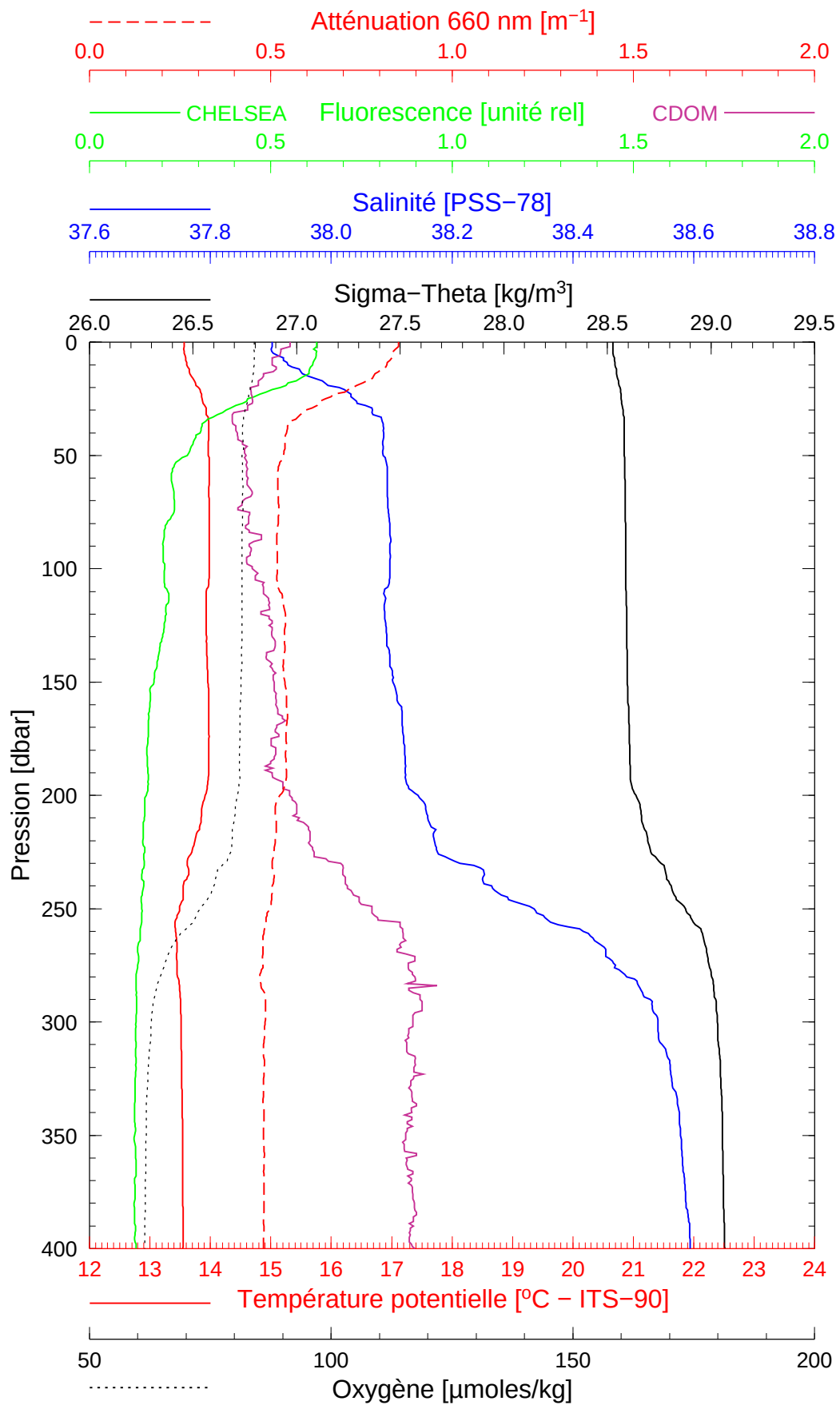
Latitude $43^{\circ}37.015\text{ N}$
Longitude $07^{\circ}24.959\text{ E}$

Boussole 71

21/01/2008

BOUS080121_07

BOUS007



Date 21/01/2008
Heure déb 19h 22min [TU]

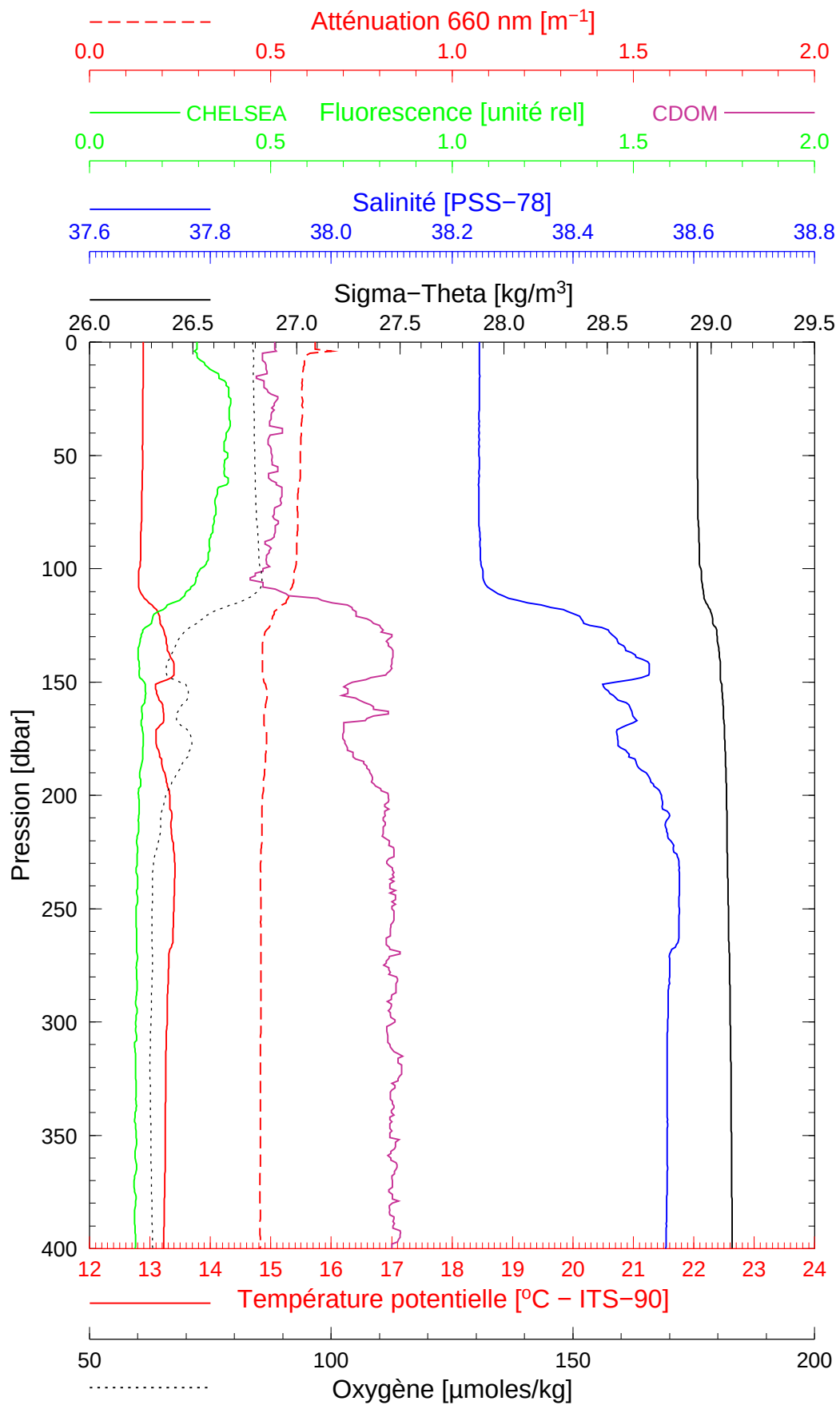
Latitude 43°38.983 N
Longitude 07°20.951 E

Boussole 71

23/01/2008

BOUS080123_08

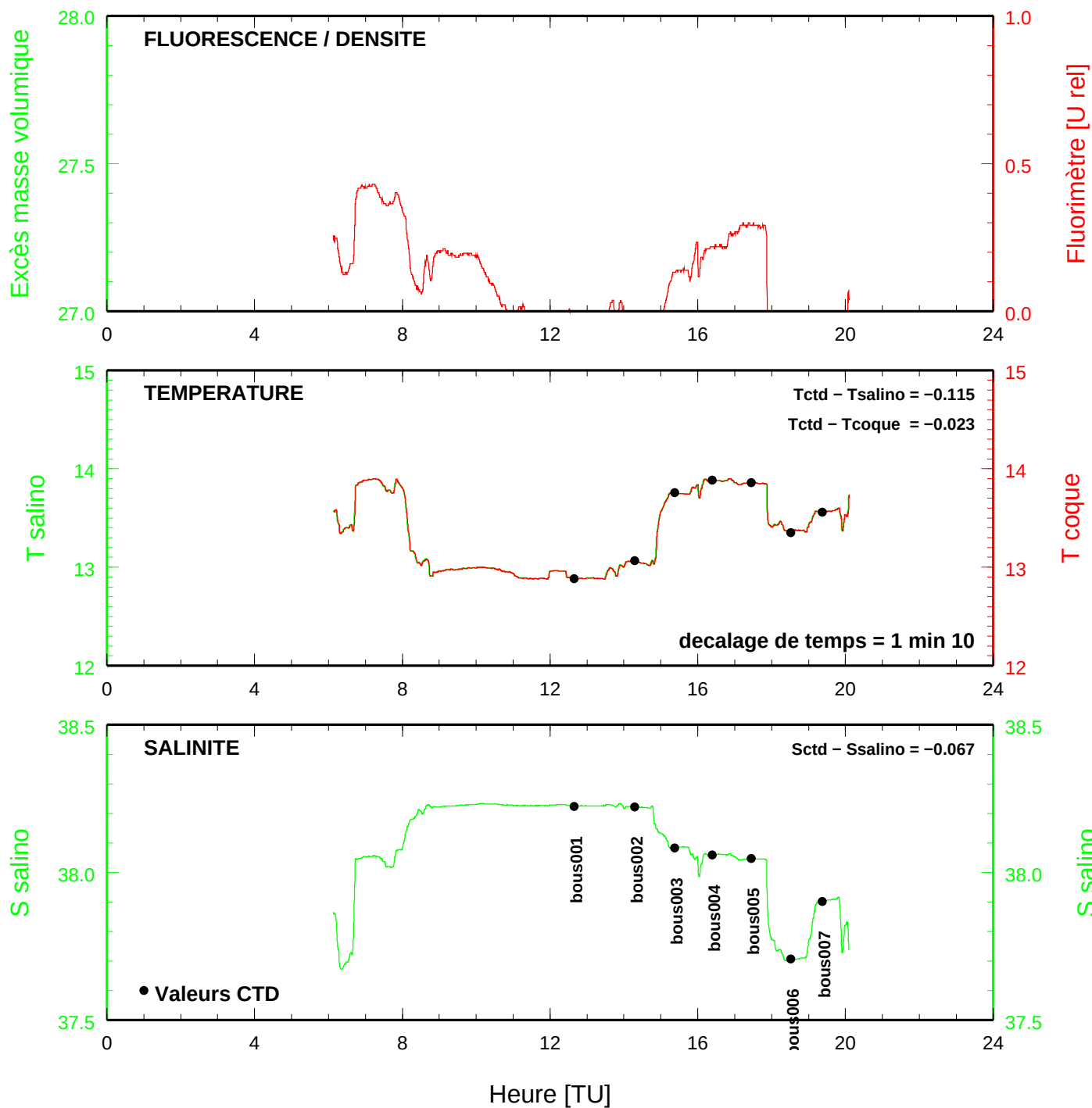
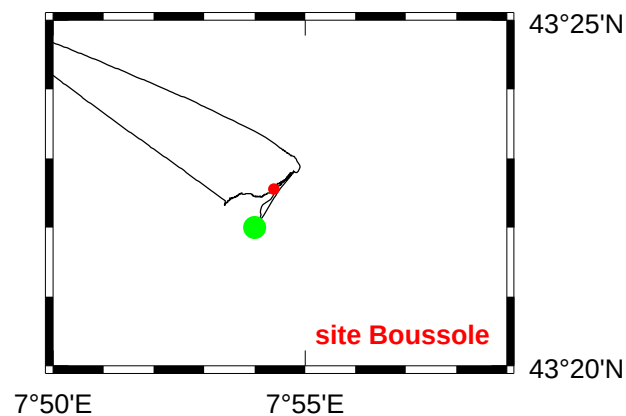
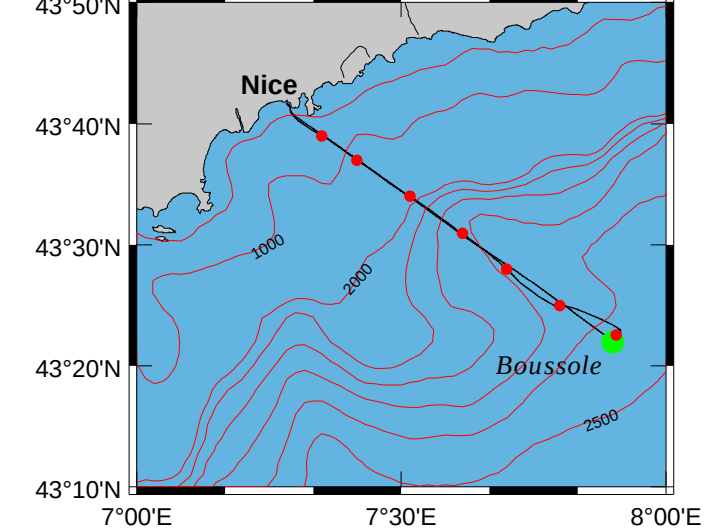
BOUS008



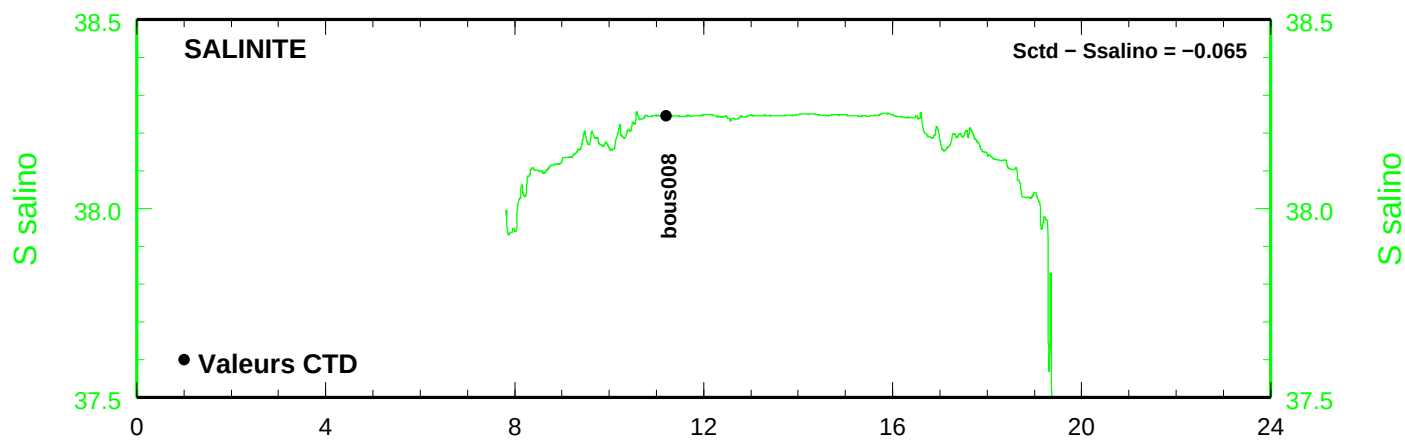
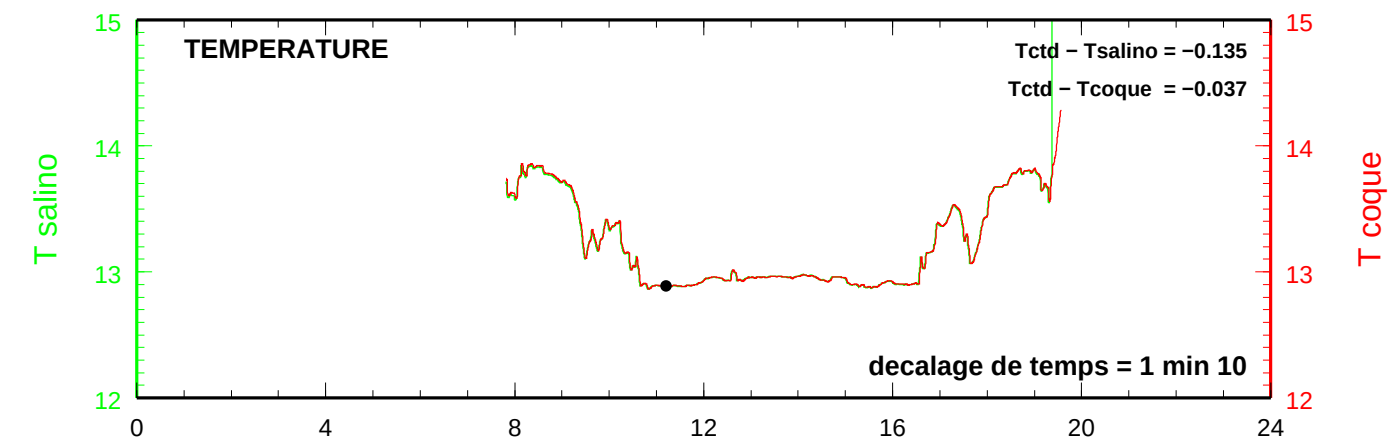
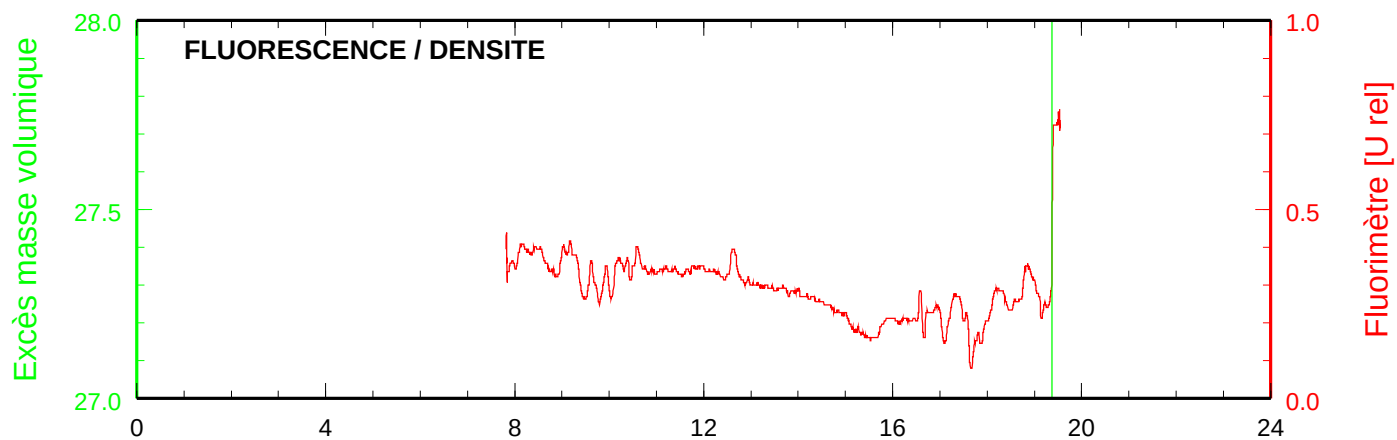
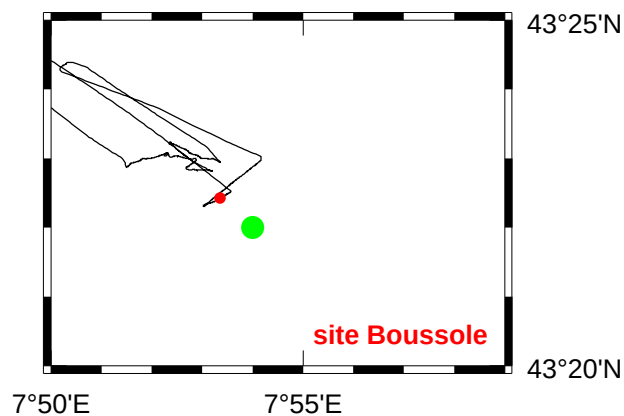
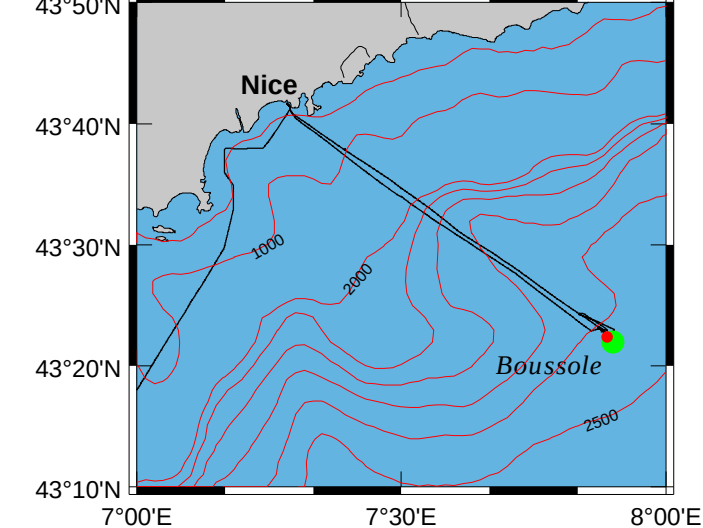
Date 23/01/2008
Heure déb 11h 12min [TU]

Latitude $43^{\circ}22.424$ N
Longitude $07^{\circ}53.349$ E

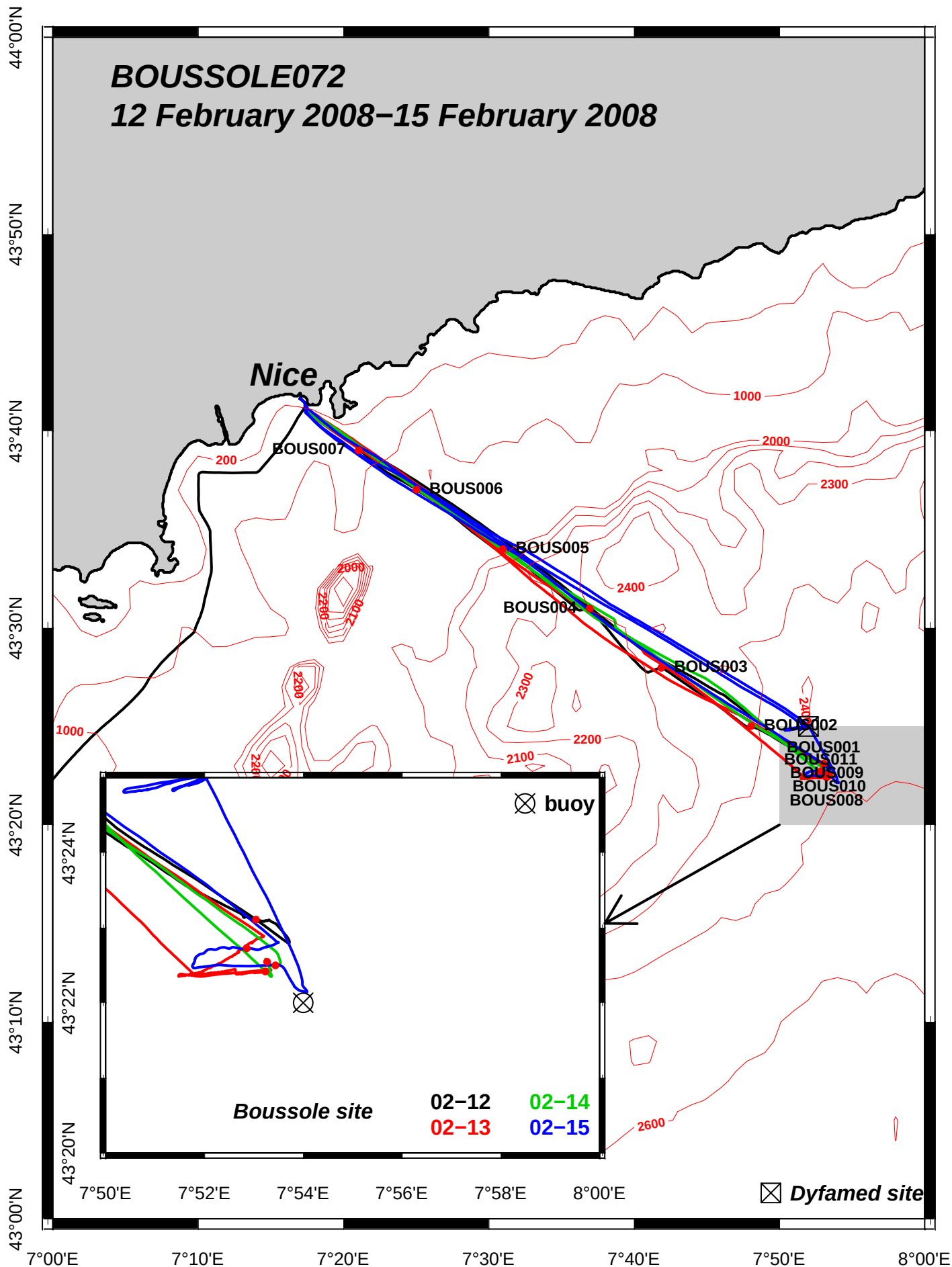
BOUSSOLE 71 21 janvier 2008



BOUSSOLE 71 23 janvier 2008



Heure [TU]

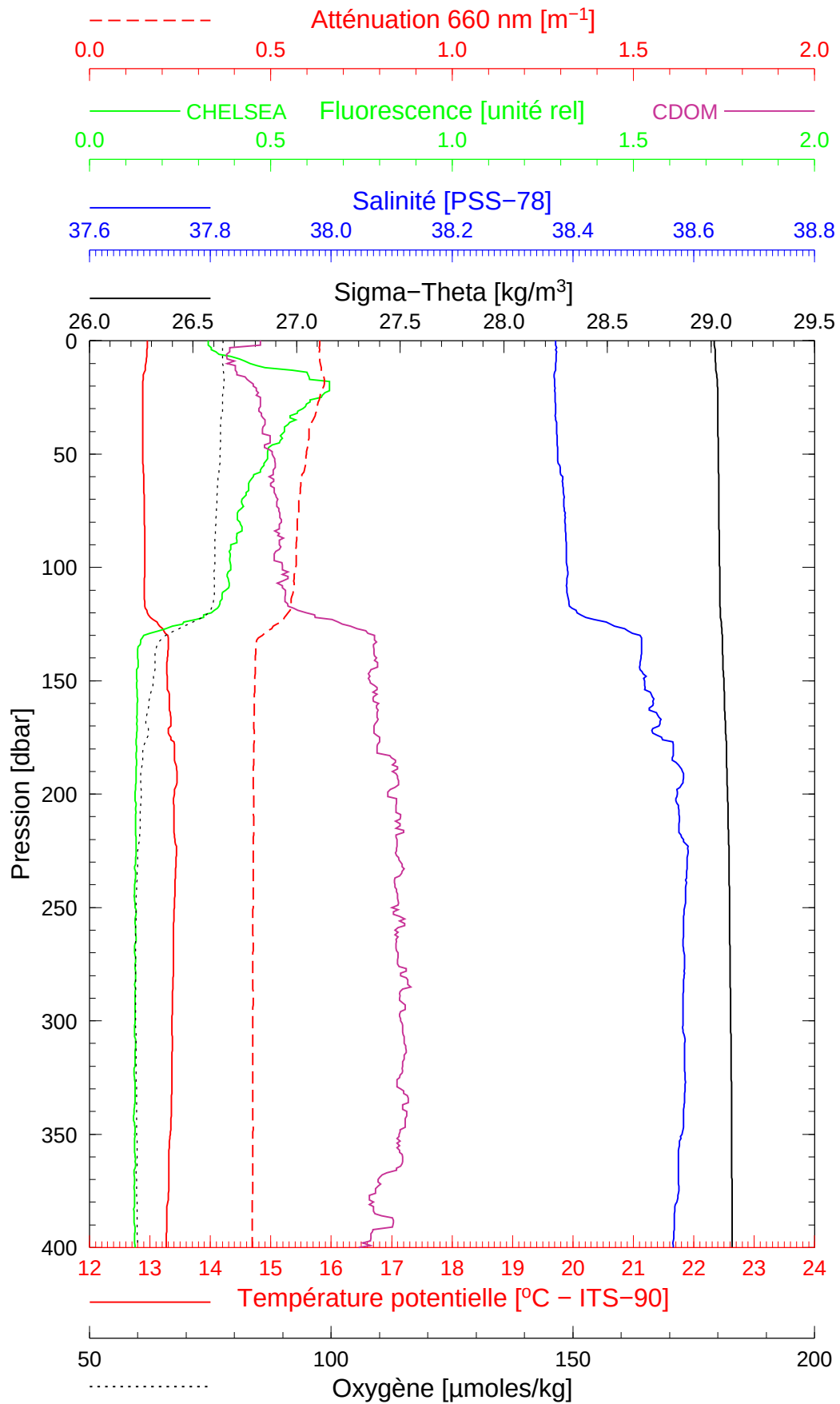


Boussole 72

12/02/2008

BOUS080212_01

BOUS001



Date 12/02/2008
Heure déb 12h 48min [TU]

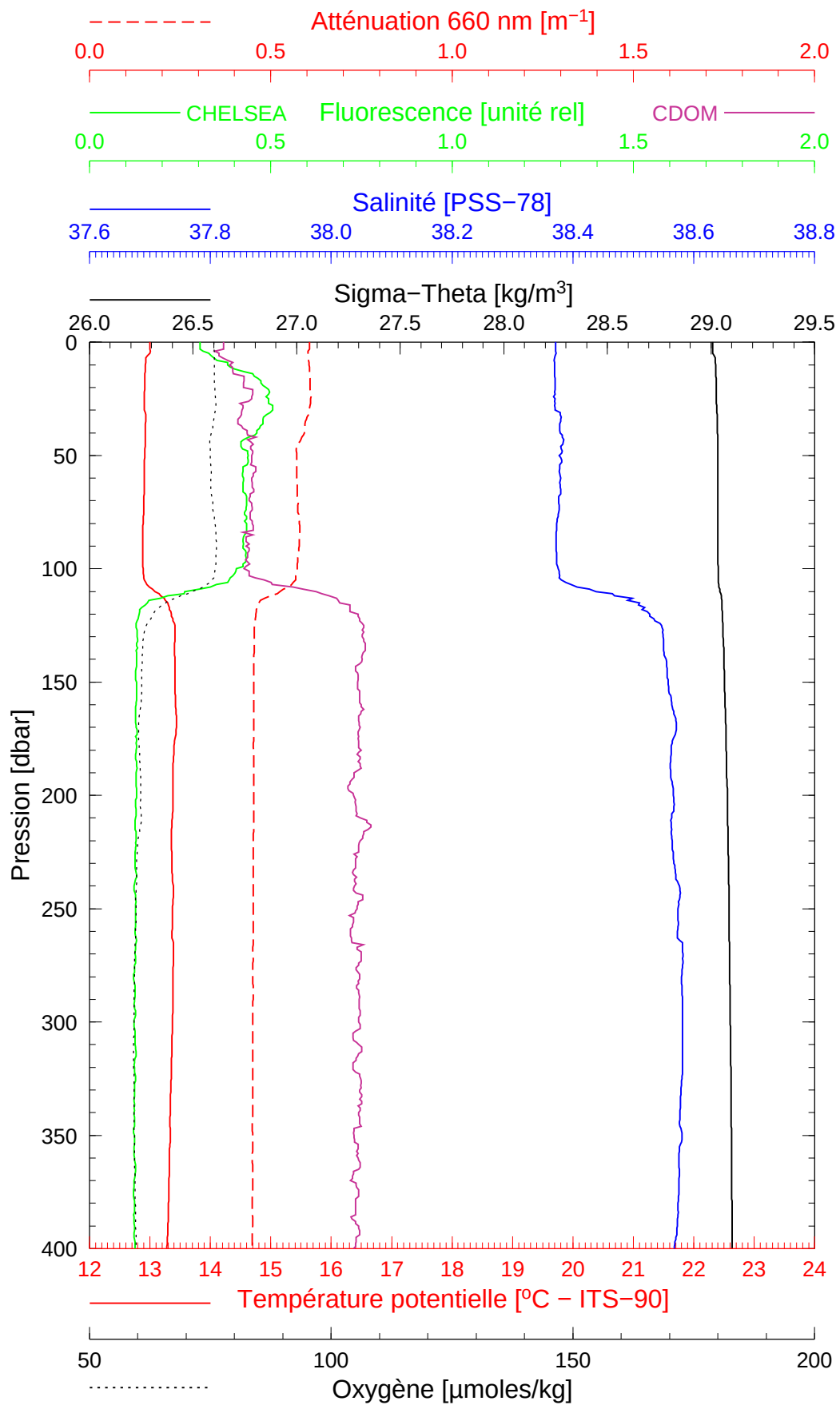
Latitude 43°23.108 N
Longitude 07°53.043 E

Boussole 72

12/02/2008

BOUS080212_02

BOUS002



Date 12/02/2008
Heure déb 13h 48min [TU]

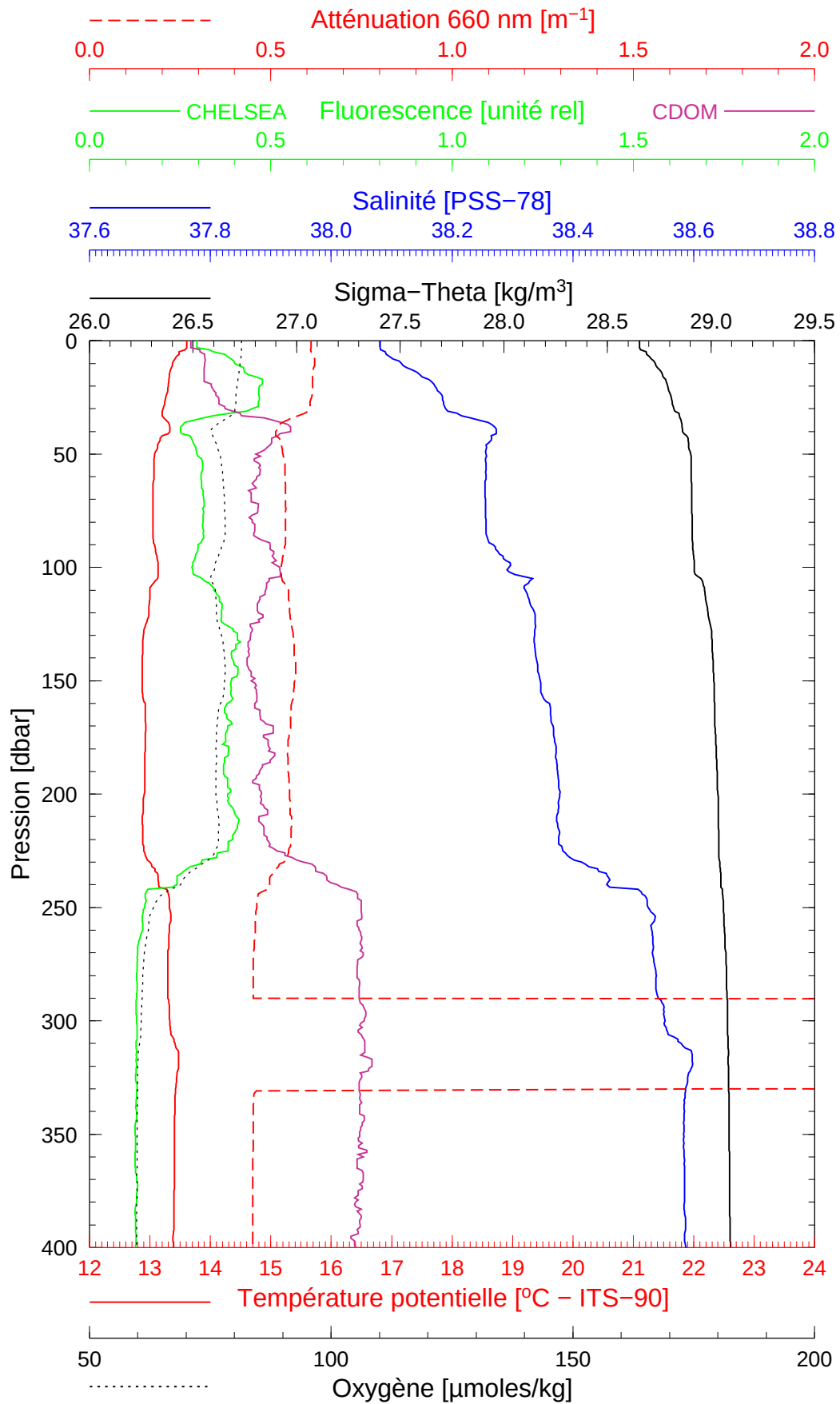
Latitude $43^{\circ}25.017\text{ N}$
Longitude $07^{\circ}48.054\text{ E}$

Boussole 72

12/02/2008

BOUS080212_03

BOUS003



Date 12/02/2008
Heure déb 14h 51min [TU]

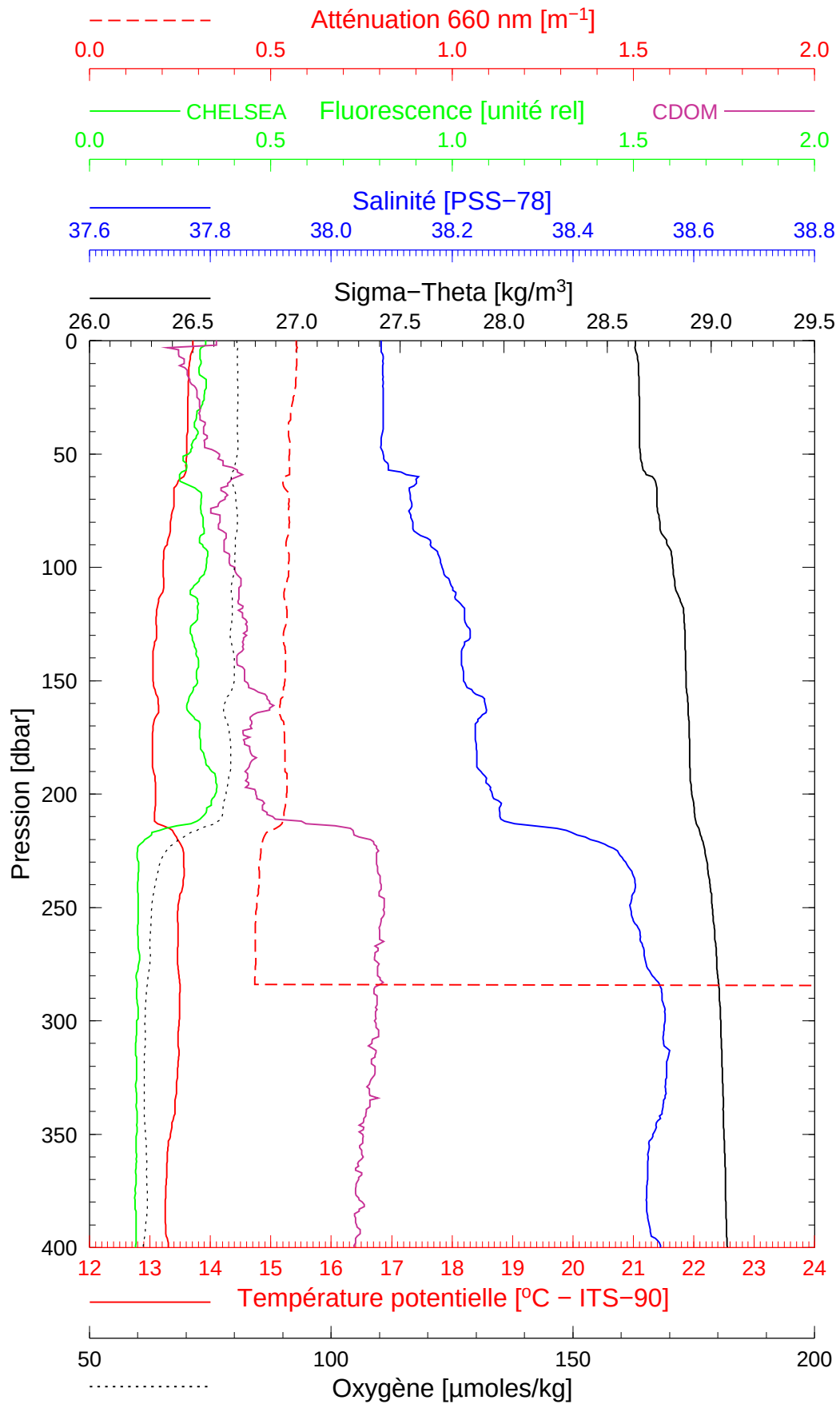
Latitude $43^{\circ}27.977$ N
Longitude $07^{\circ}41.875$ E

Boussole 72

12/02/2008

BOUS080212_04

BOUS004



Date 12/02/2008
Heure déb 15h 46min [TU]

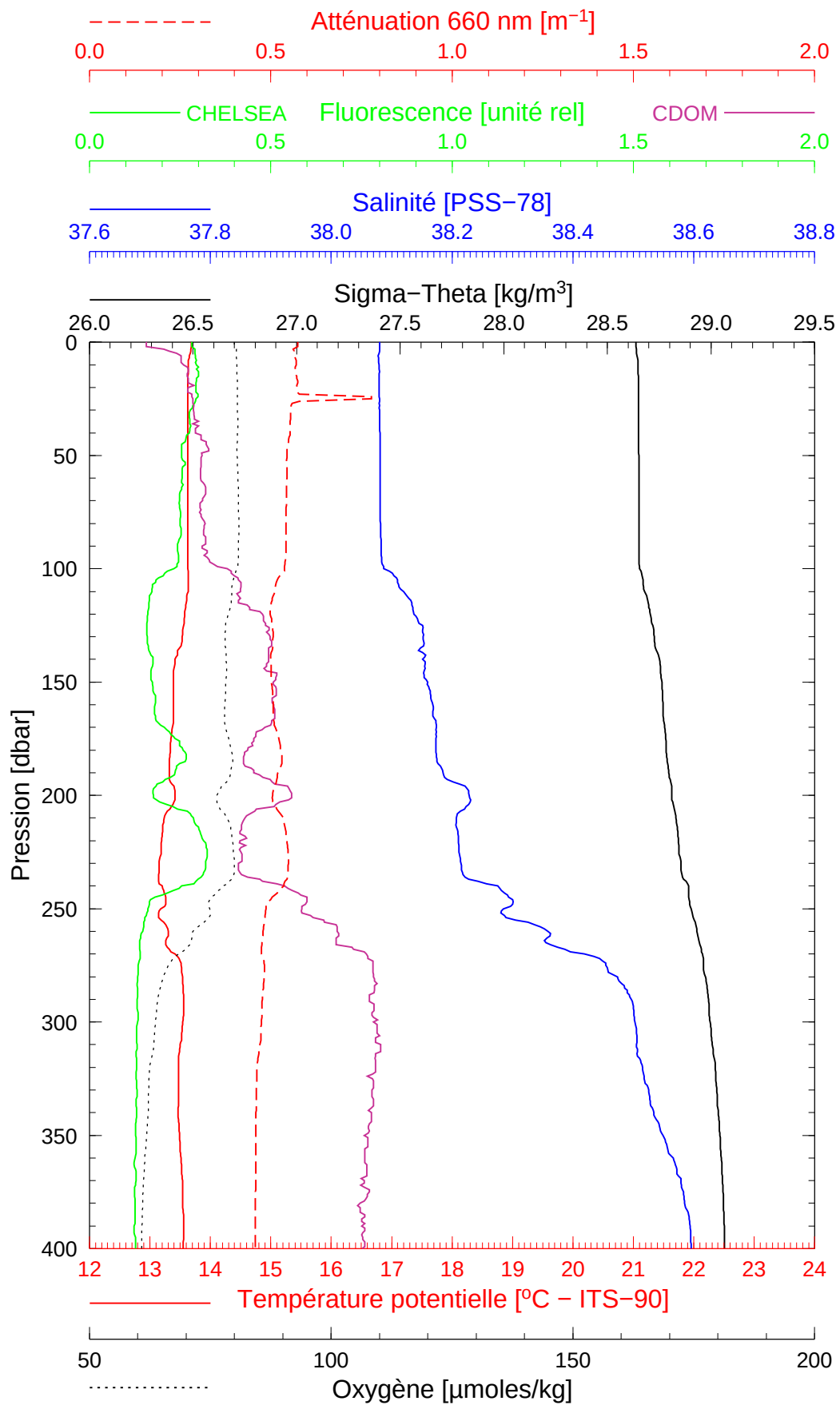
Latitude $43^{\circ}30.987\text{ N}$
Longitude $07^{\circ}36.950\text{ E}$

Boussole 72

12/02/2008

BOUS080212_05

BOUS005



Date 12/02/2008
Heure déb 16h 41min [TU]

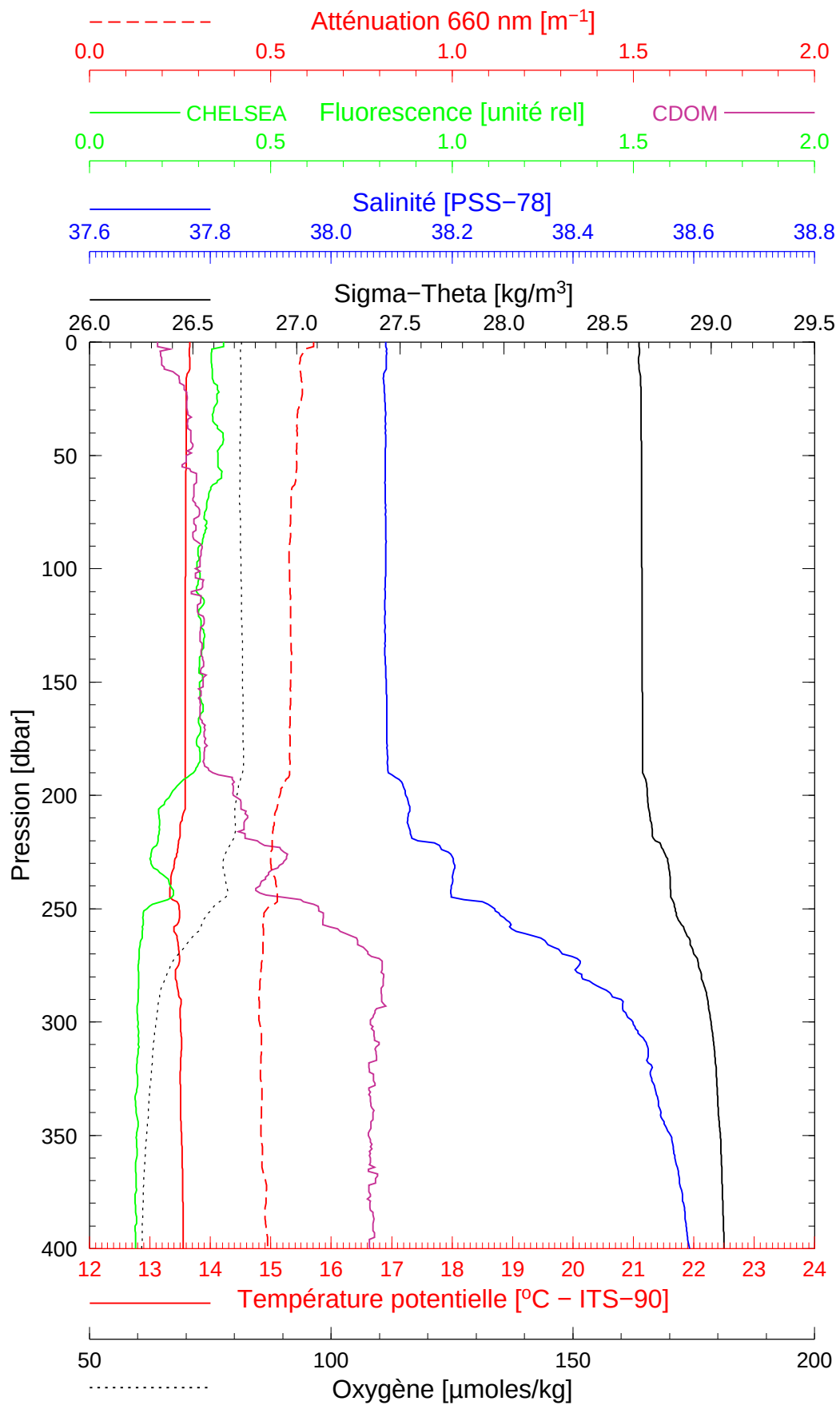
Latitude $43^{\circ}34.006$ N
Longitude $07^{\circ}30.964$ E

Boussole 72

12/02/2008

BOUS080212_06

BOUS006



Date 12/02/2008
Heure déb 17h 35min [TU]

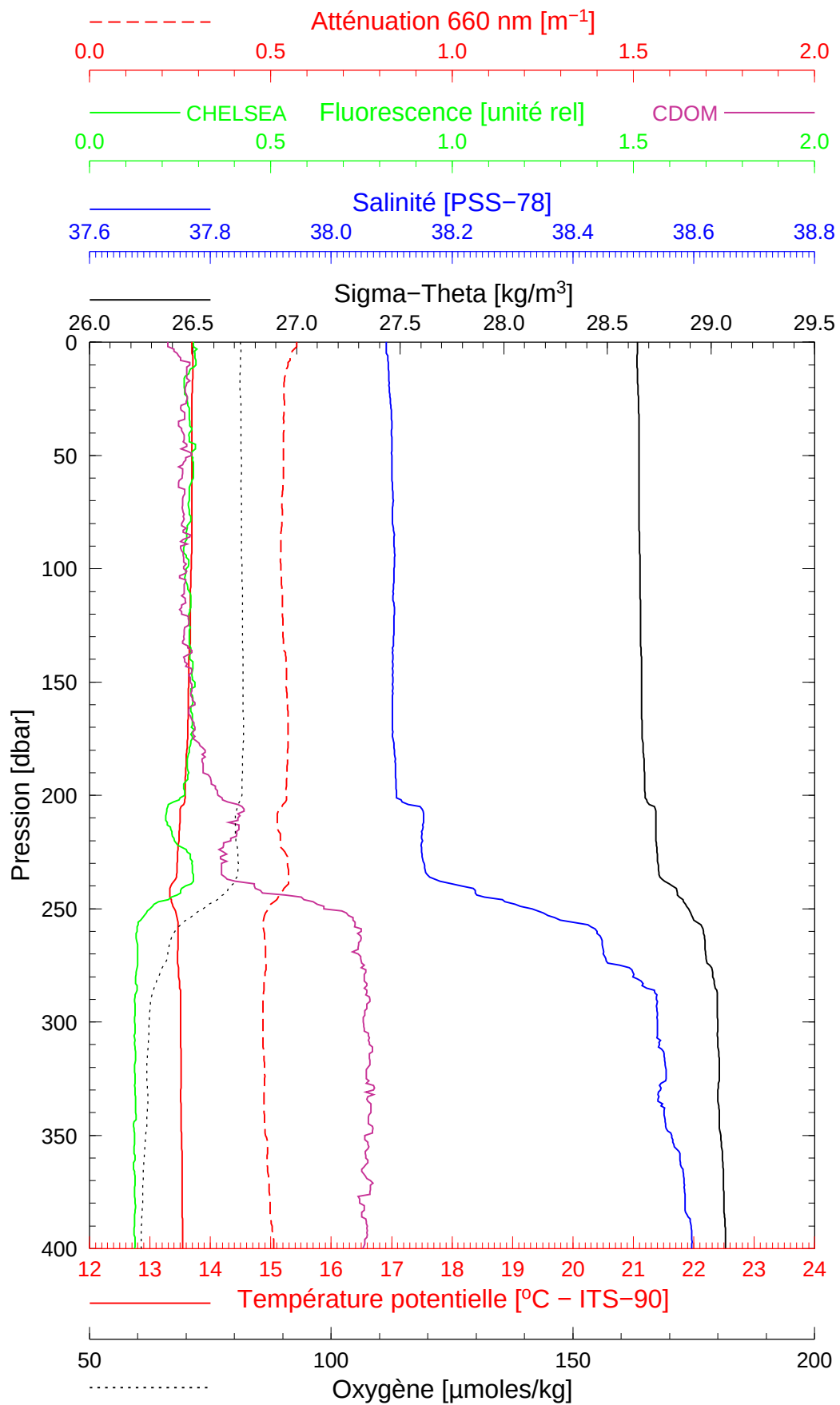
Latitude $43^{\circ}37.023$ N
Longitude $07^{\circ}25.028$ E

Boussole 72

12/02/2008

BOUS080212_07

BOUS007



Date 12/02/2008
Heure déb 18h 22min [TU]

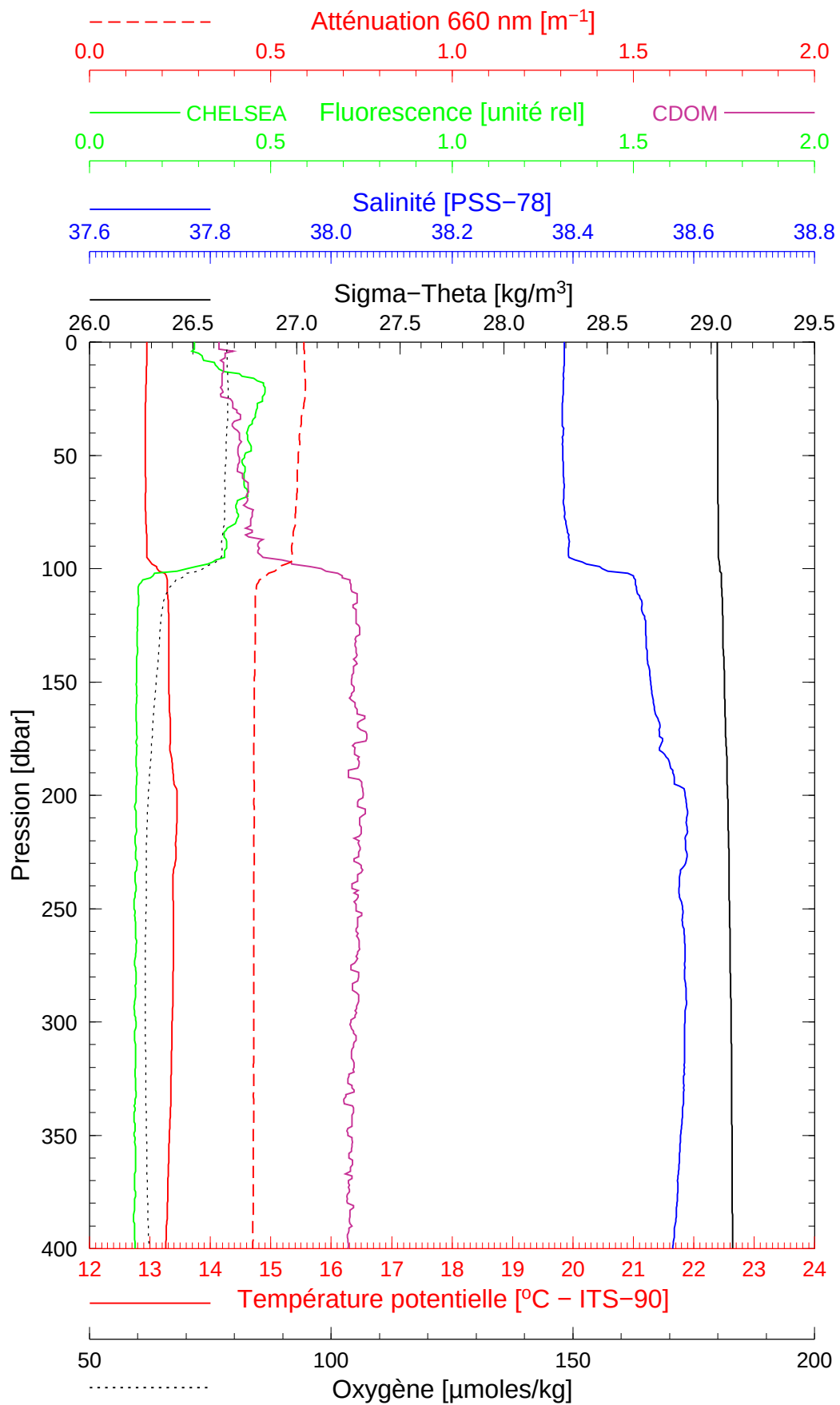
Latitude 43°39.018 N
Longitude 07°21.053 E

Boussole 72

13/02/2008

BOUS080213_08

BOUS008



Date 13/02/2008
Heure déb 12h 42min [TU]

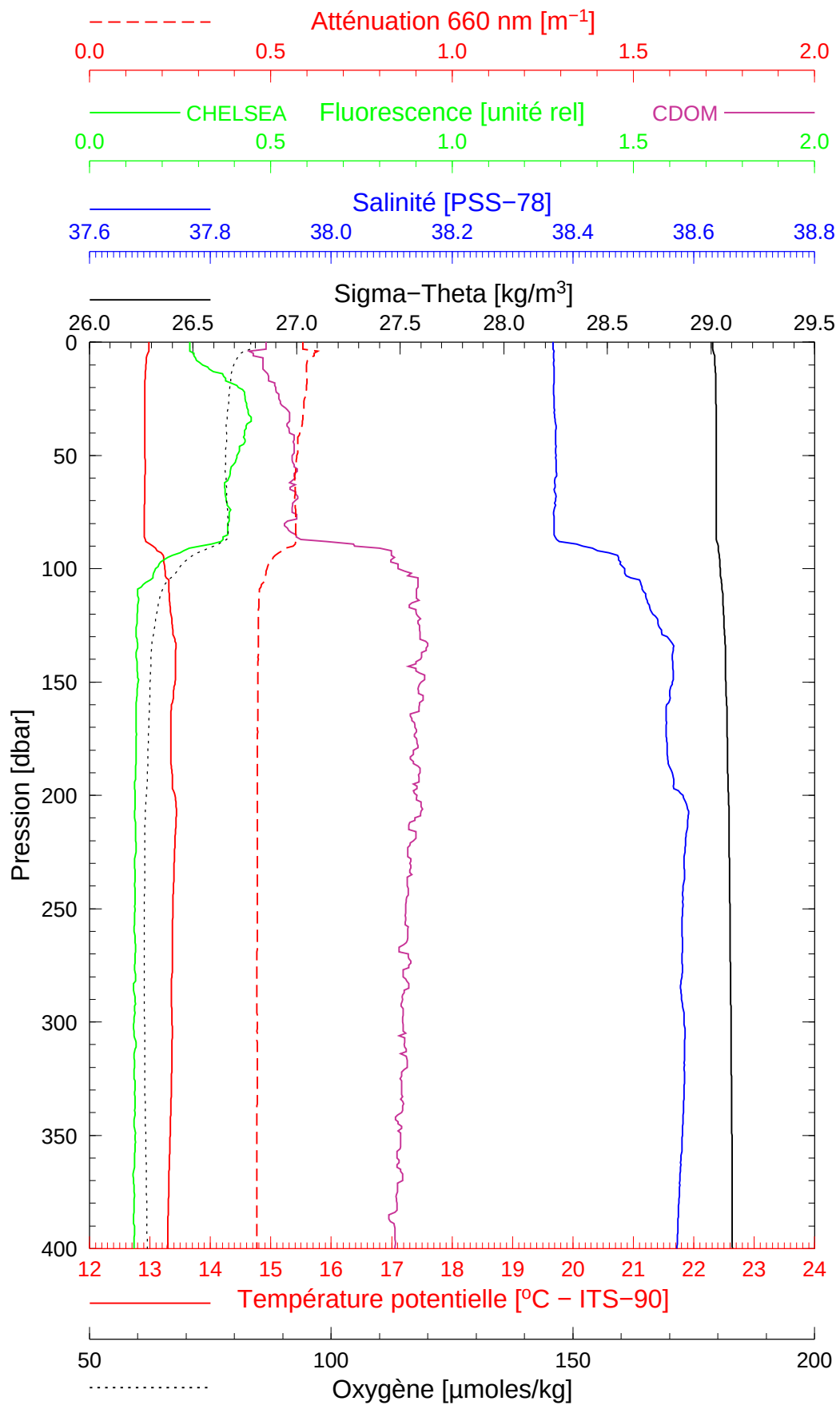
Latitude $43^{\circ}22.418\text{ N}$
Longitude $07^{\circ}53.235\text{ E}$

Boussole 72

14/02/2008

BOUS080214_09

BOUS009



Date 14/02/2008
Heure déb 11h 38min [TU]

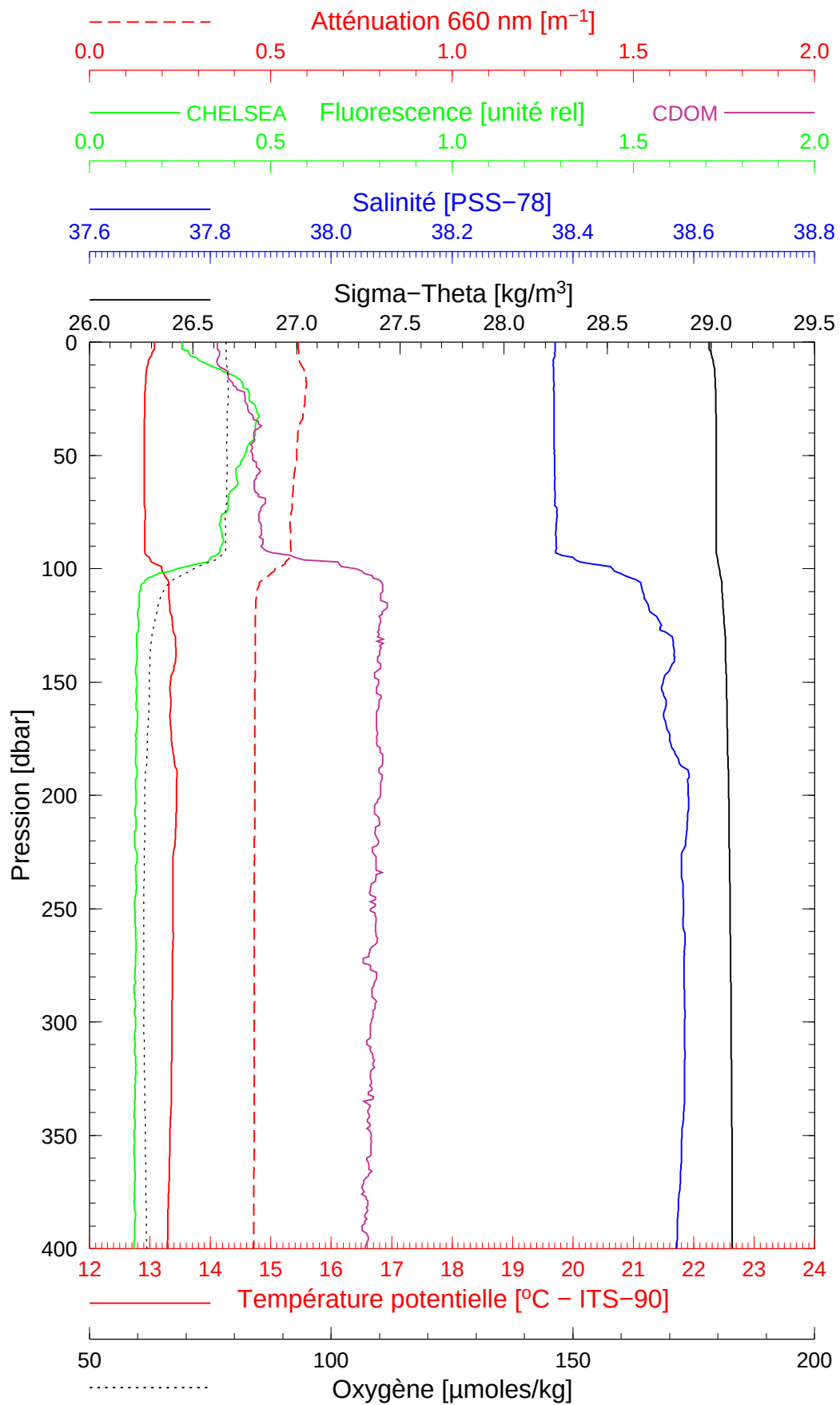
Latitude $43^{\circ}22.546$ N
Longitude $07^{\circ}53.269$ E

Boussole 72

14/02/2008

BOUS080214_10

BOUS010



Date 14/02/2008
Heure déb 12h 32min [TU]

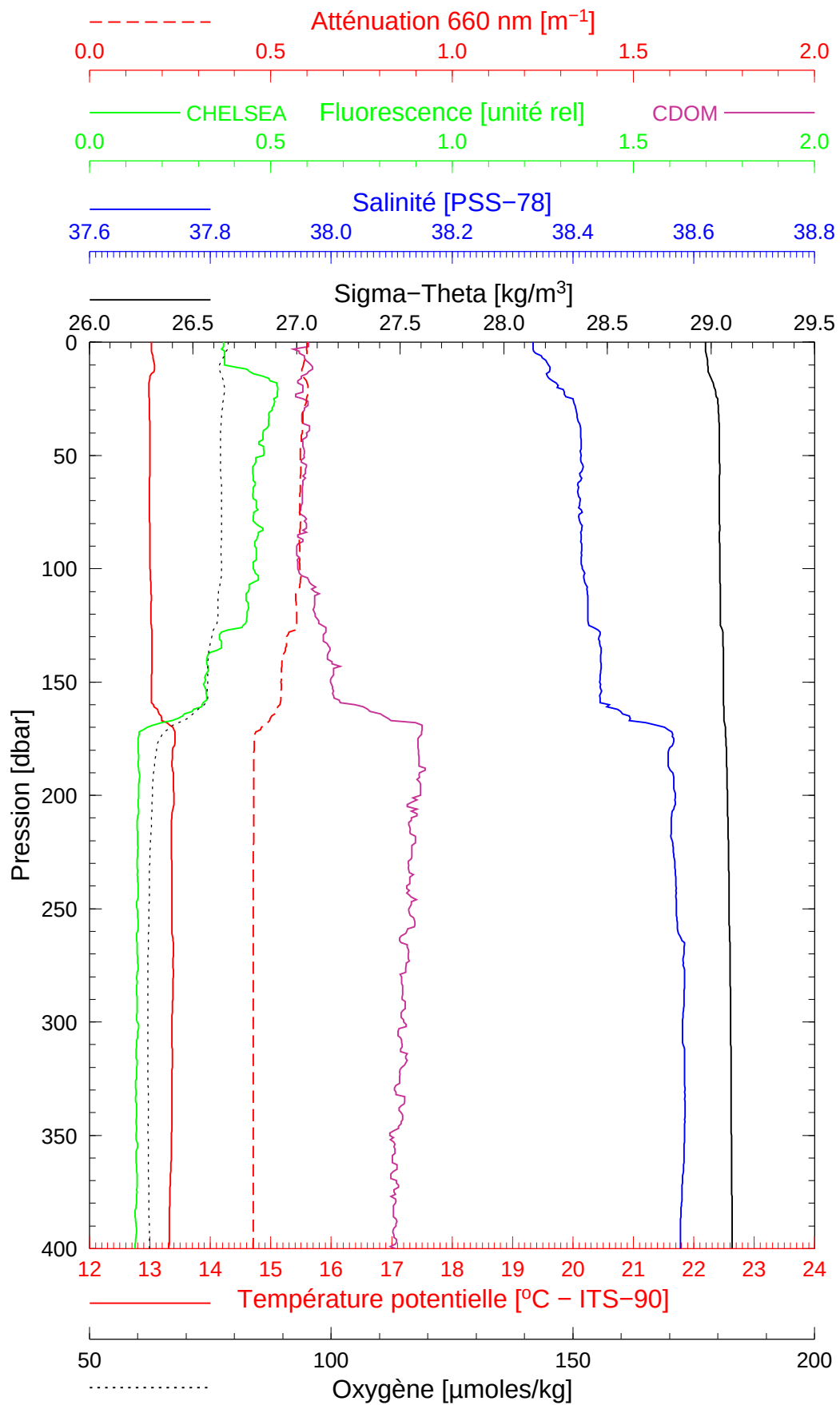
Latitude $43^{\circ}22.499\text{ N}$
Longitude $07^{\circ}53.438\text{ E}$

Boussole 72

14/02/2008

BOUS080215_11

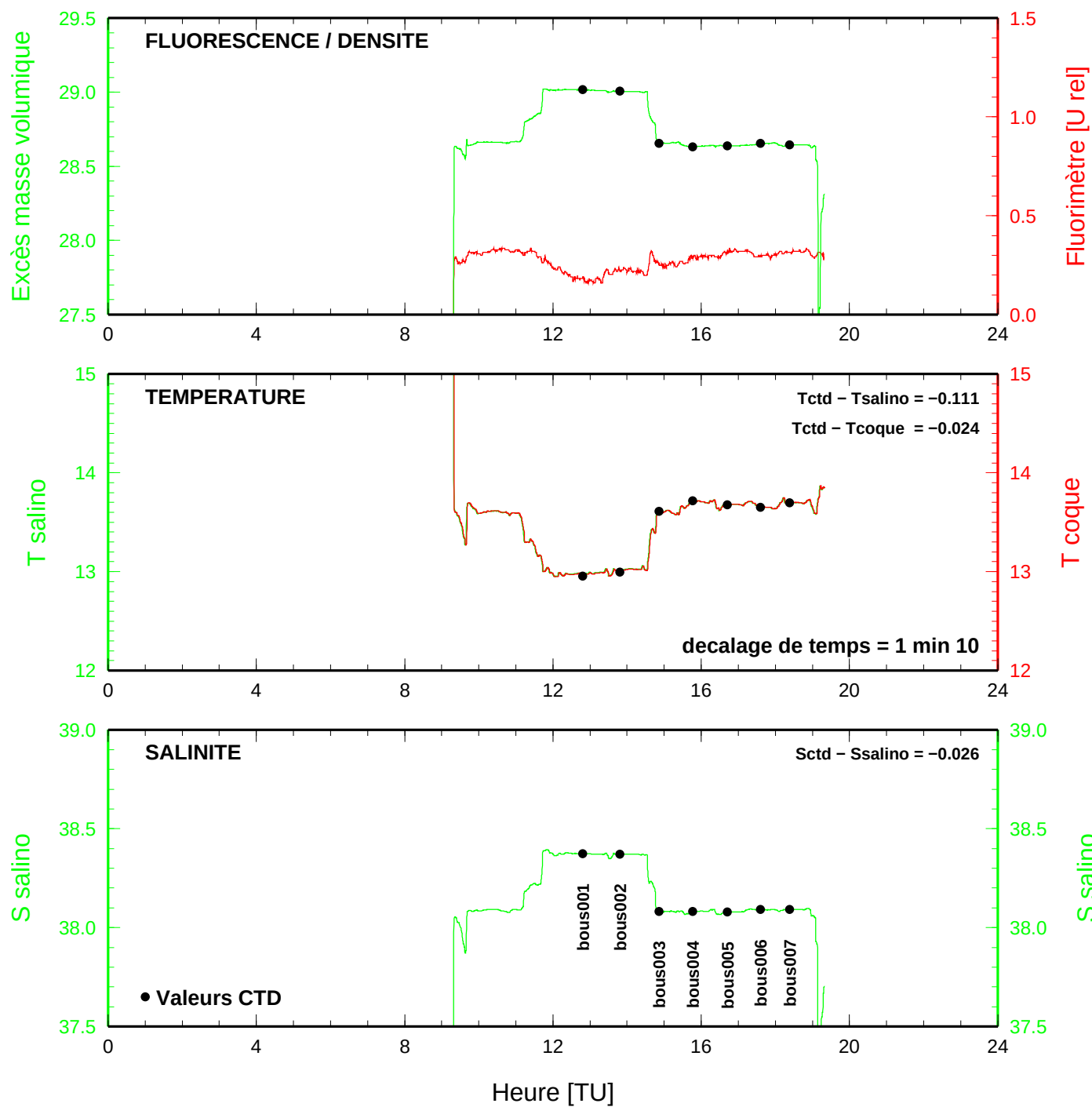
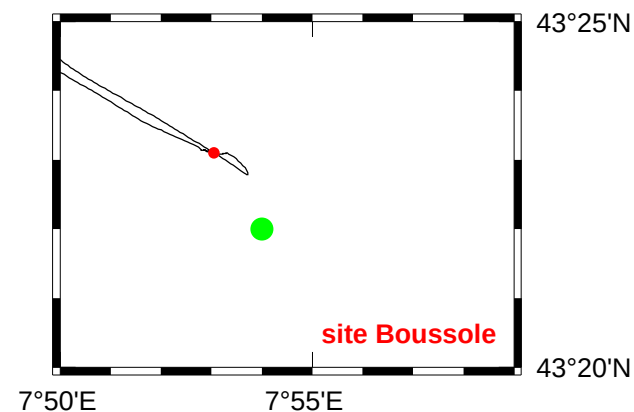
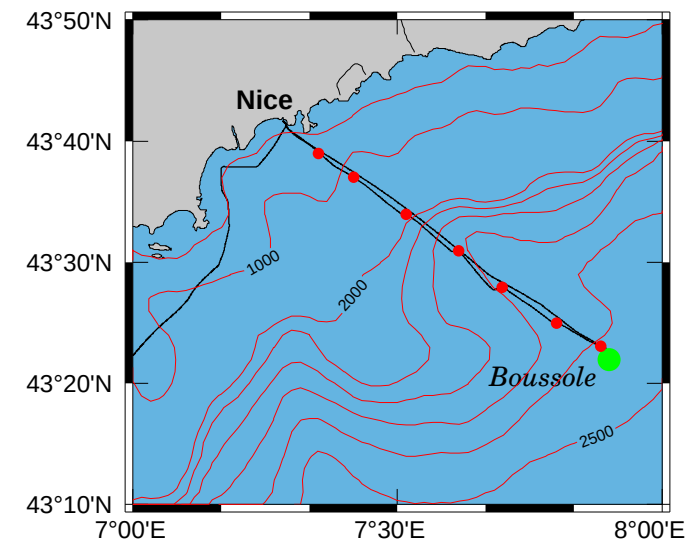
BOUS011



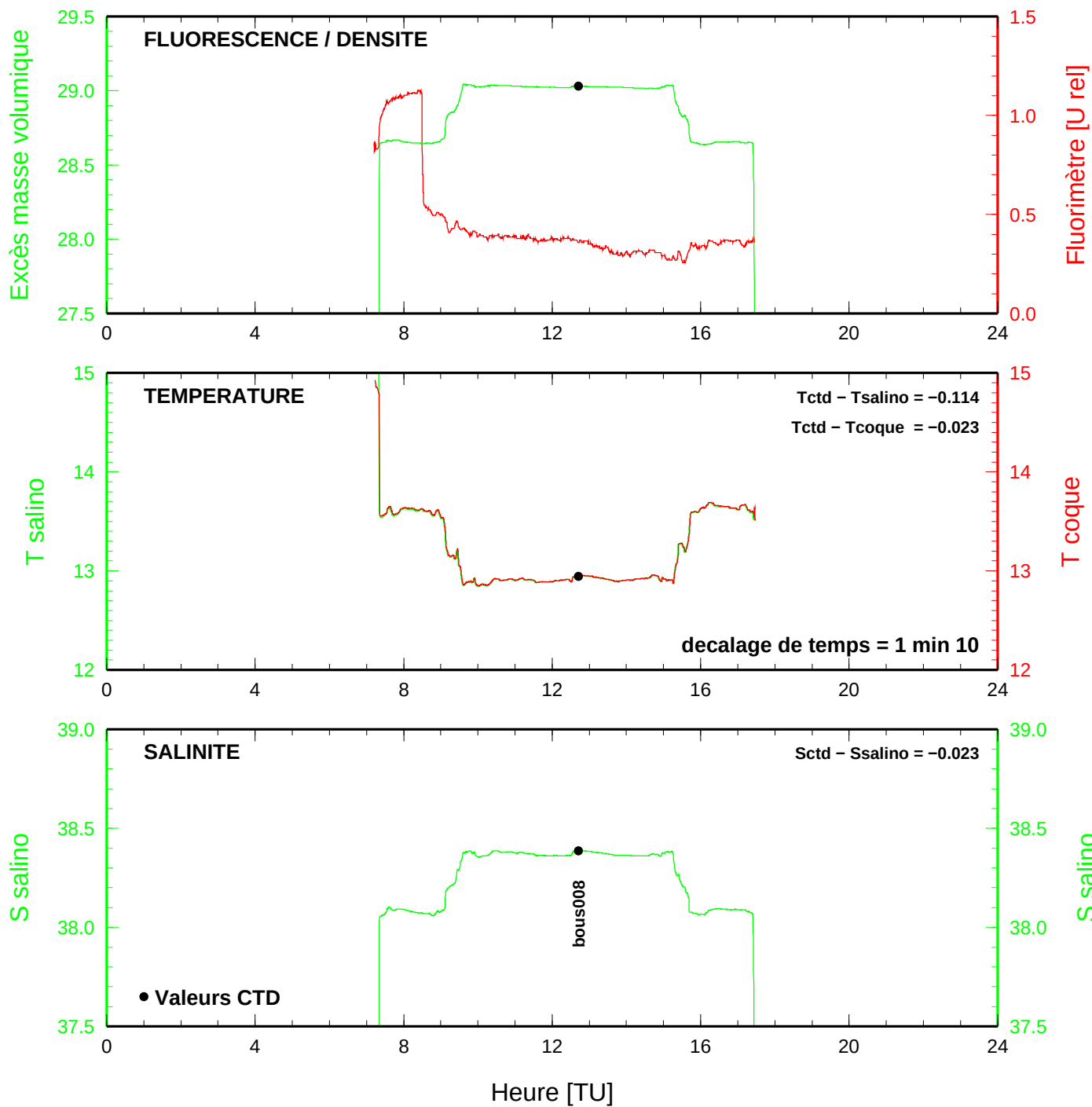
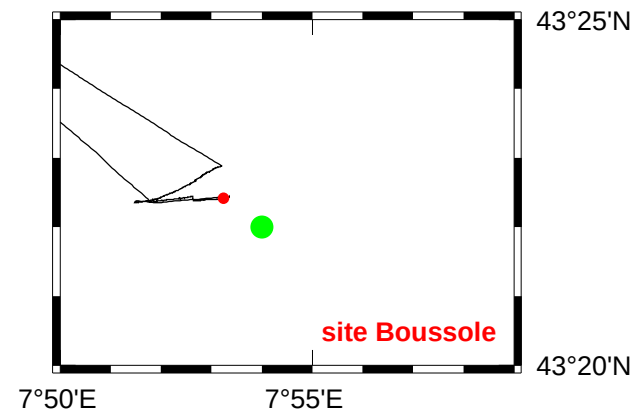
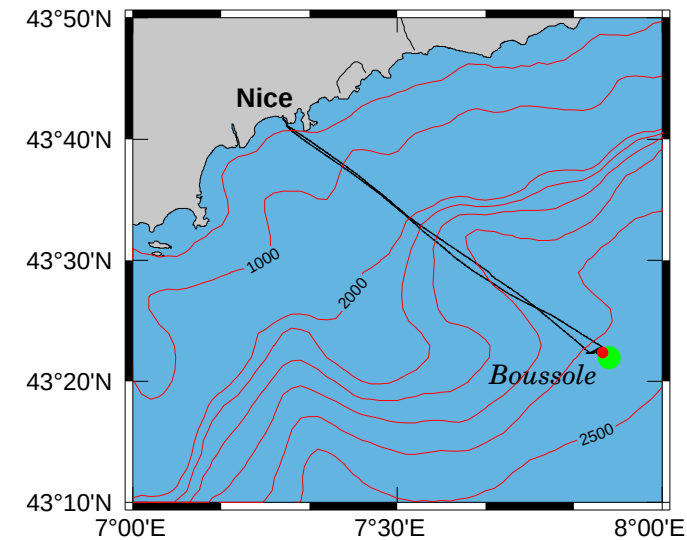
Date 14/02/2008
Heure déb 09h 08min [TU]

Latitude $43^{\circ}22.726$ N
Longitude $07^{\circ}52.857$ E

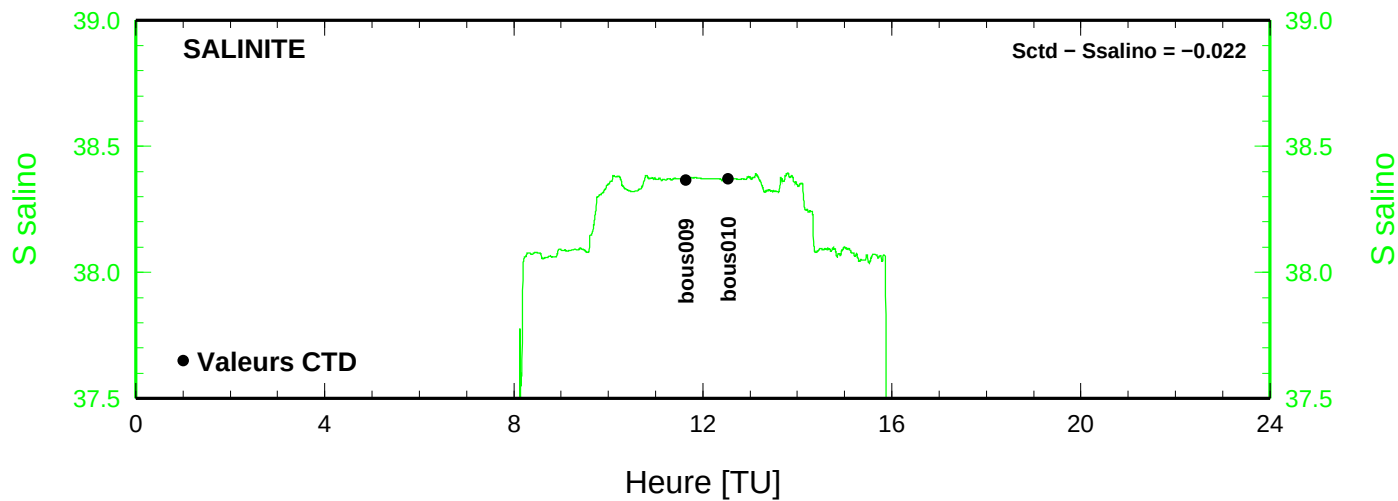
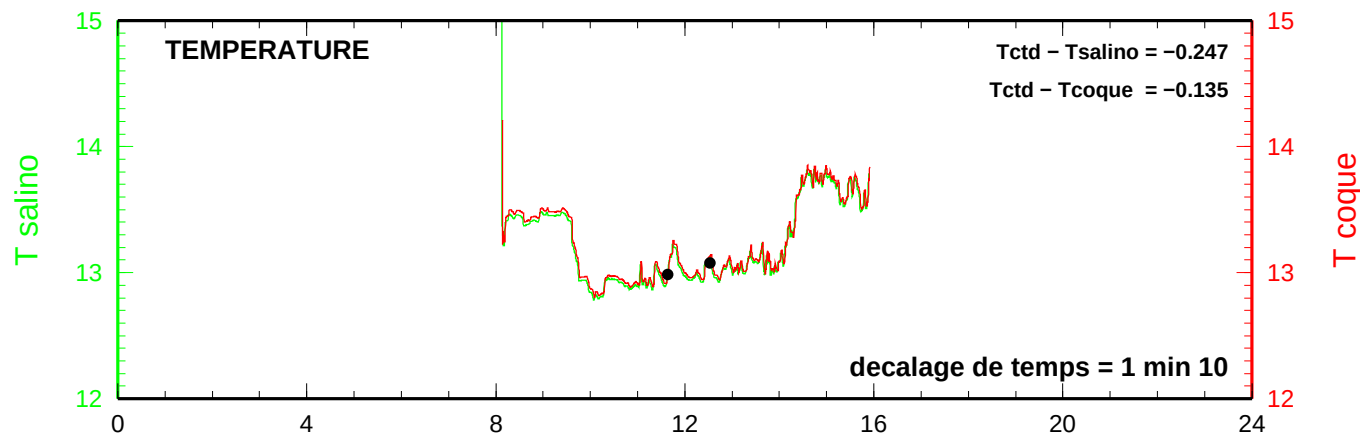
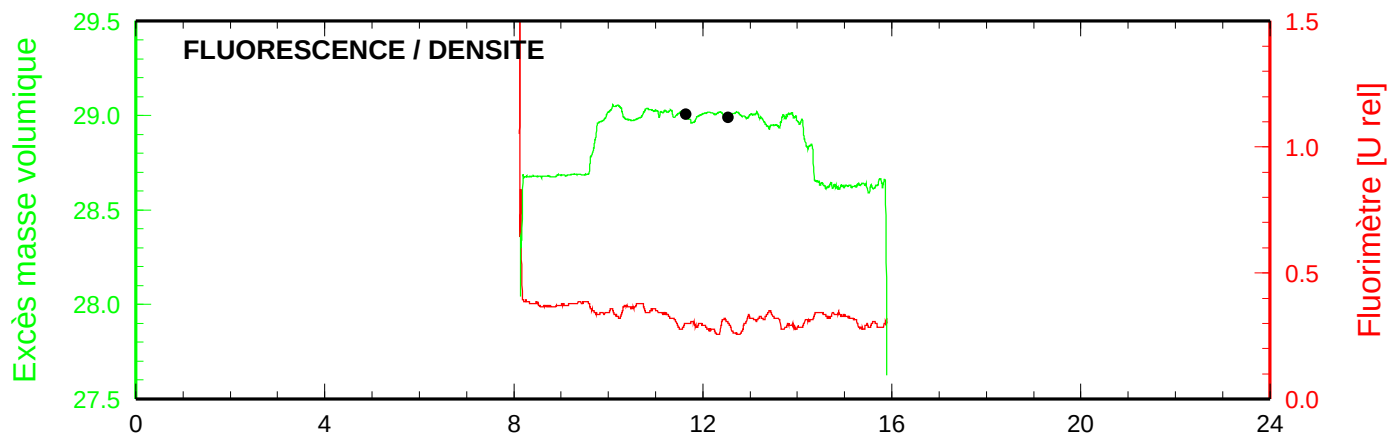
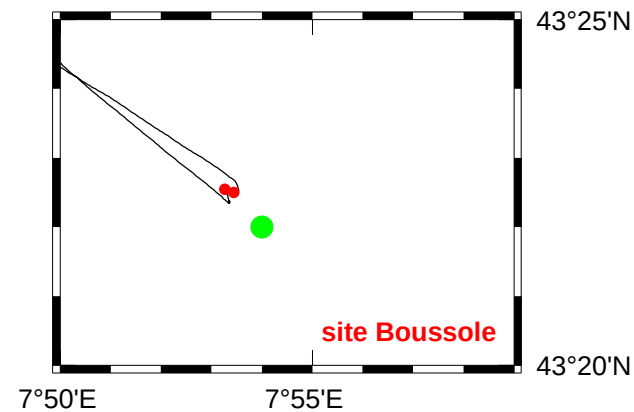
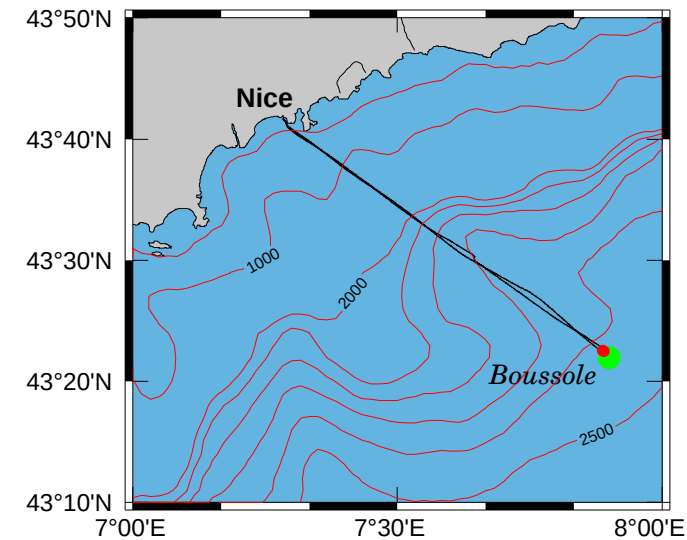
BOUSSOLE 72 12 février 2008



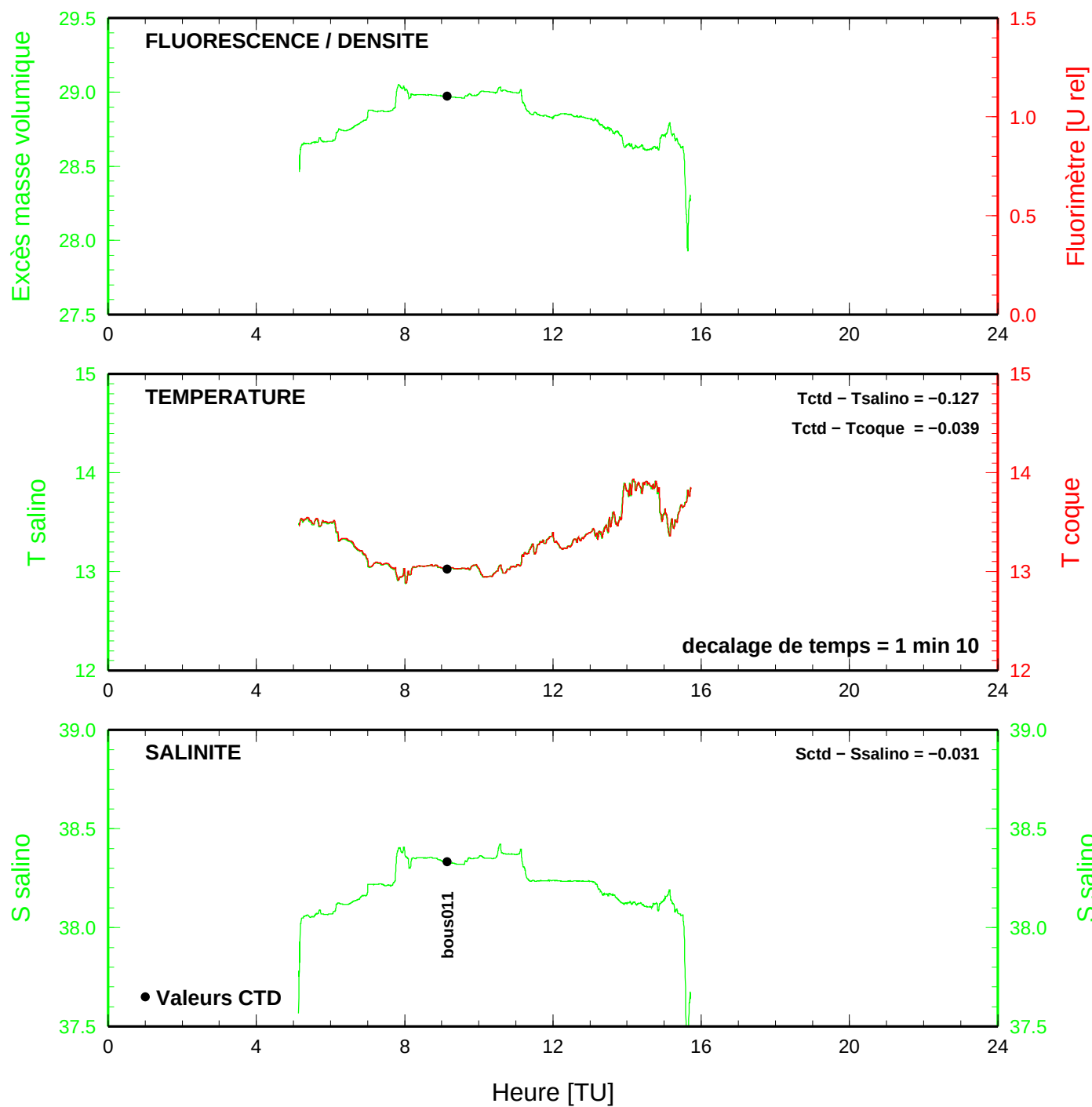
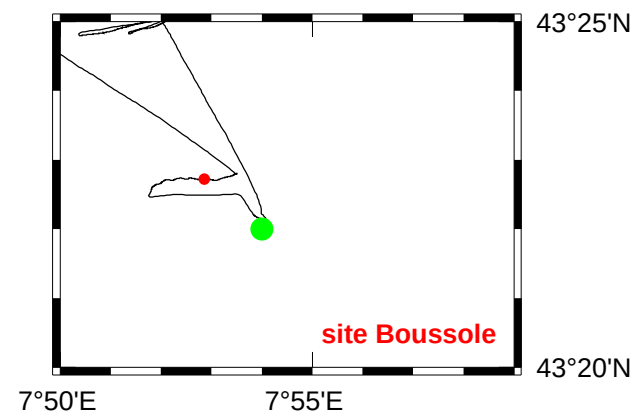
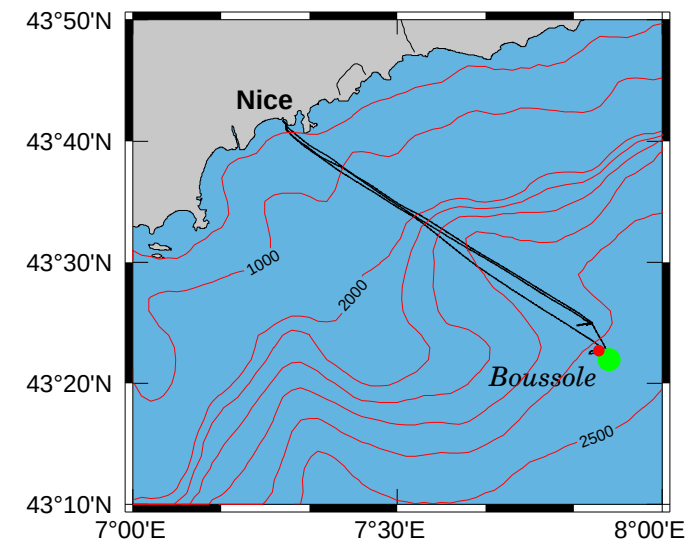
BOUSSOLE 72 13 février 2008

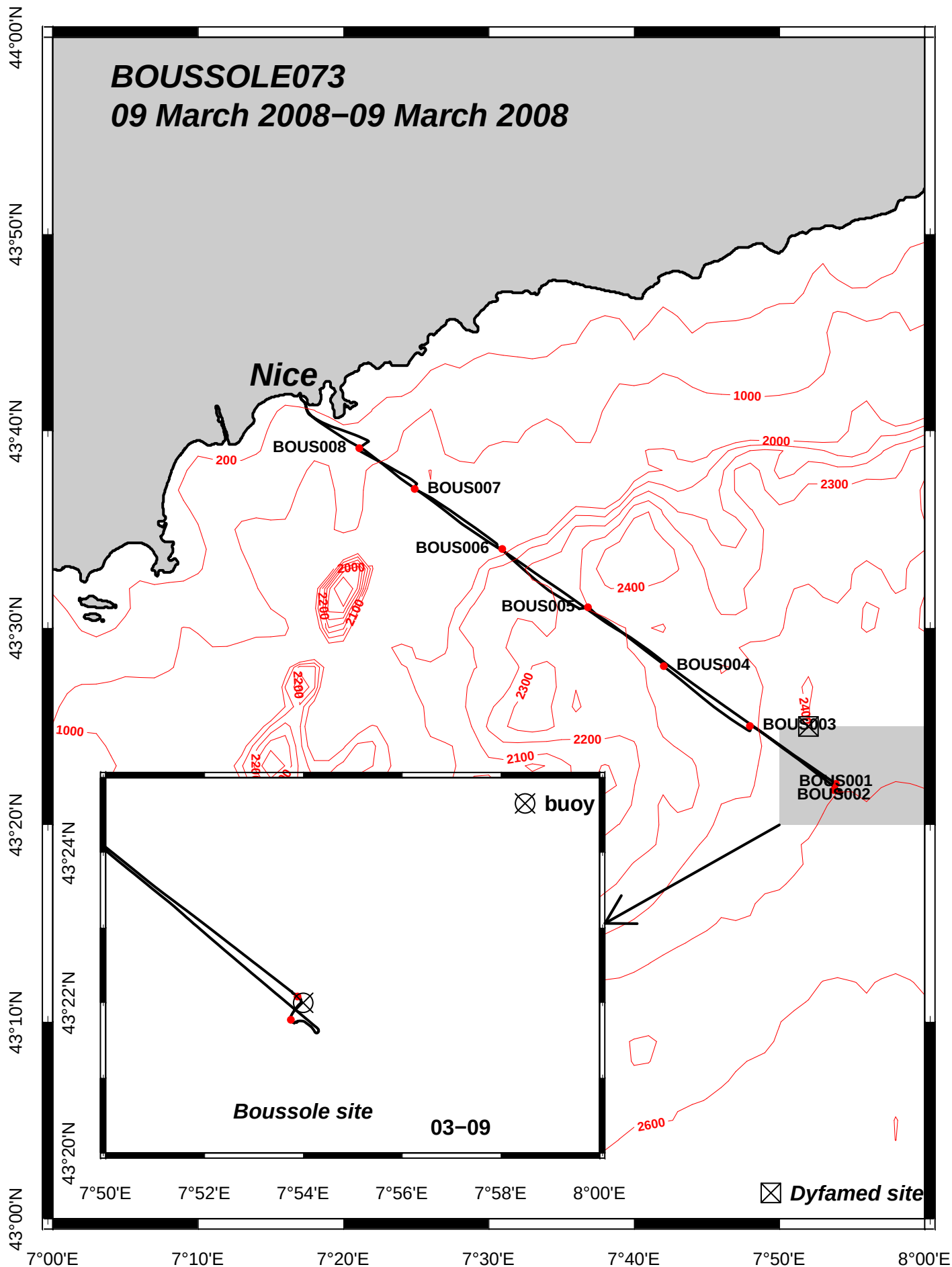


BOUSSOLE 72 14 février 2008



BOUSSOLE 72 15 février 2008



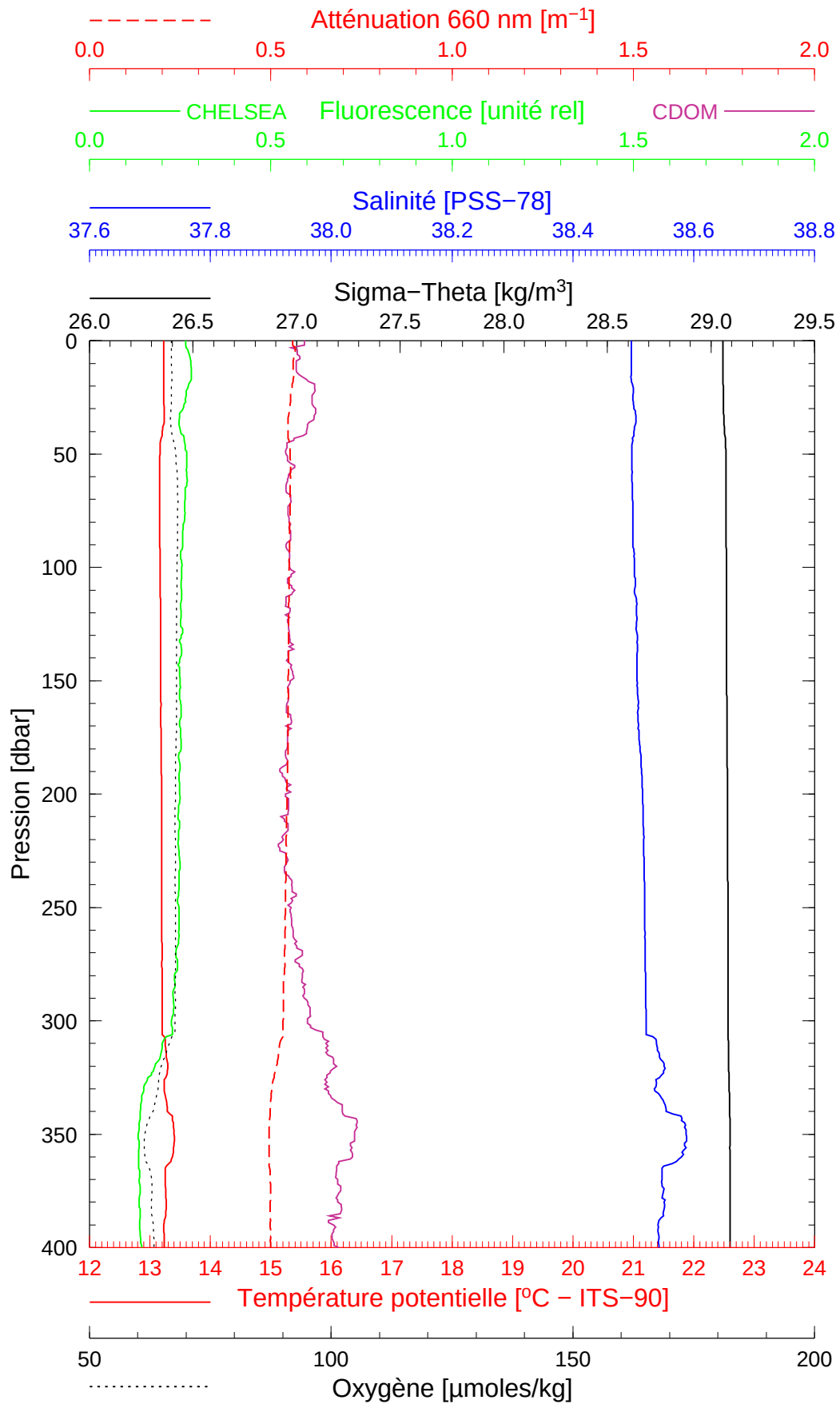


Boussole 73

09/03/2008

BOUS080309_01

BOUS001



Date 09/03/2008
Heure déb 09h 11min [TU]

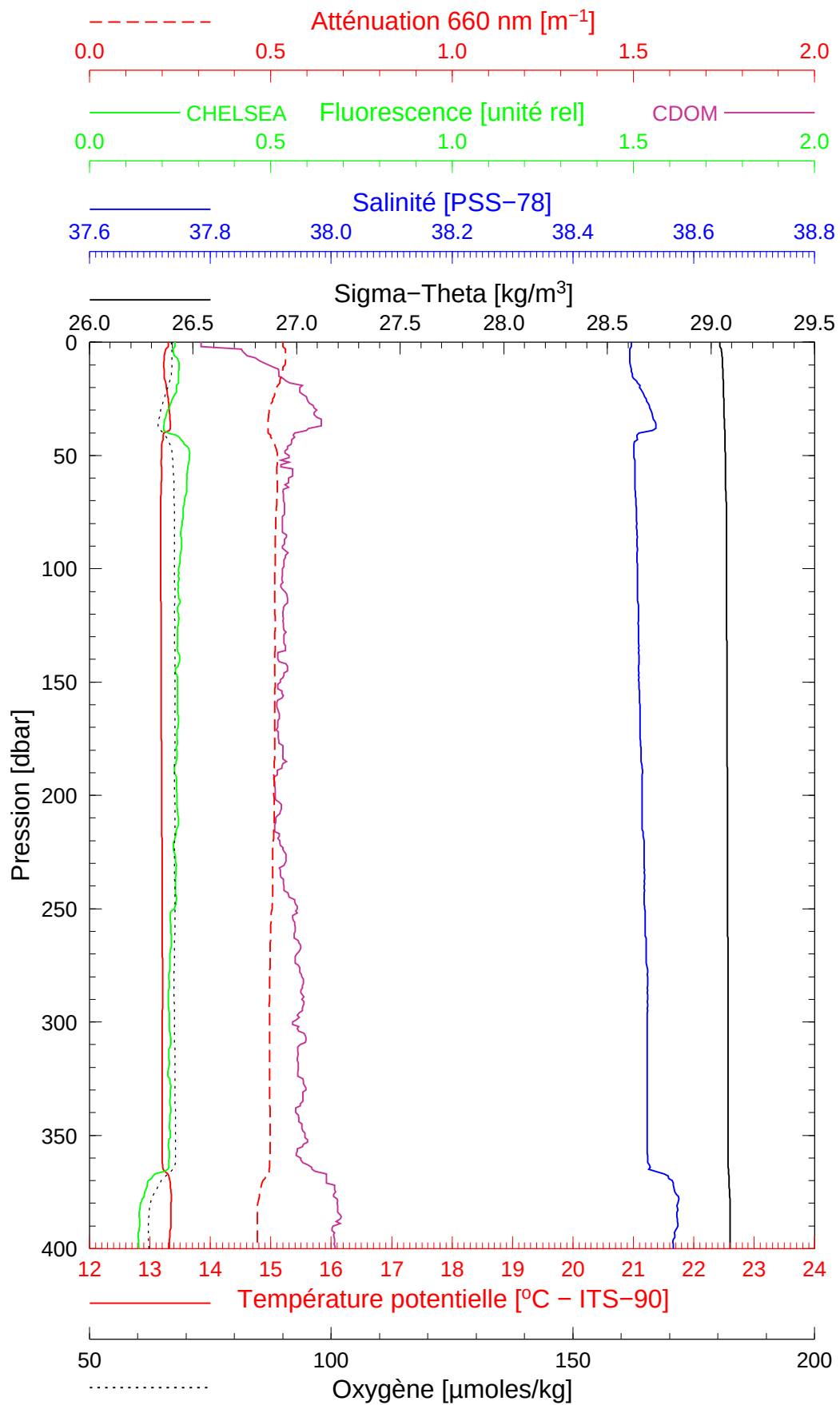
Latitude $43^{\circ}22.084$ N
Longitude $07^{\circ}53.885$ E

Boussole 73

09/03/2008

BOUS080309_02

BOUS002



Date 09/03/2008
Heure déb 10h 55min [TU]

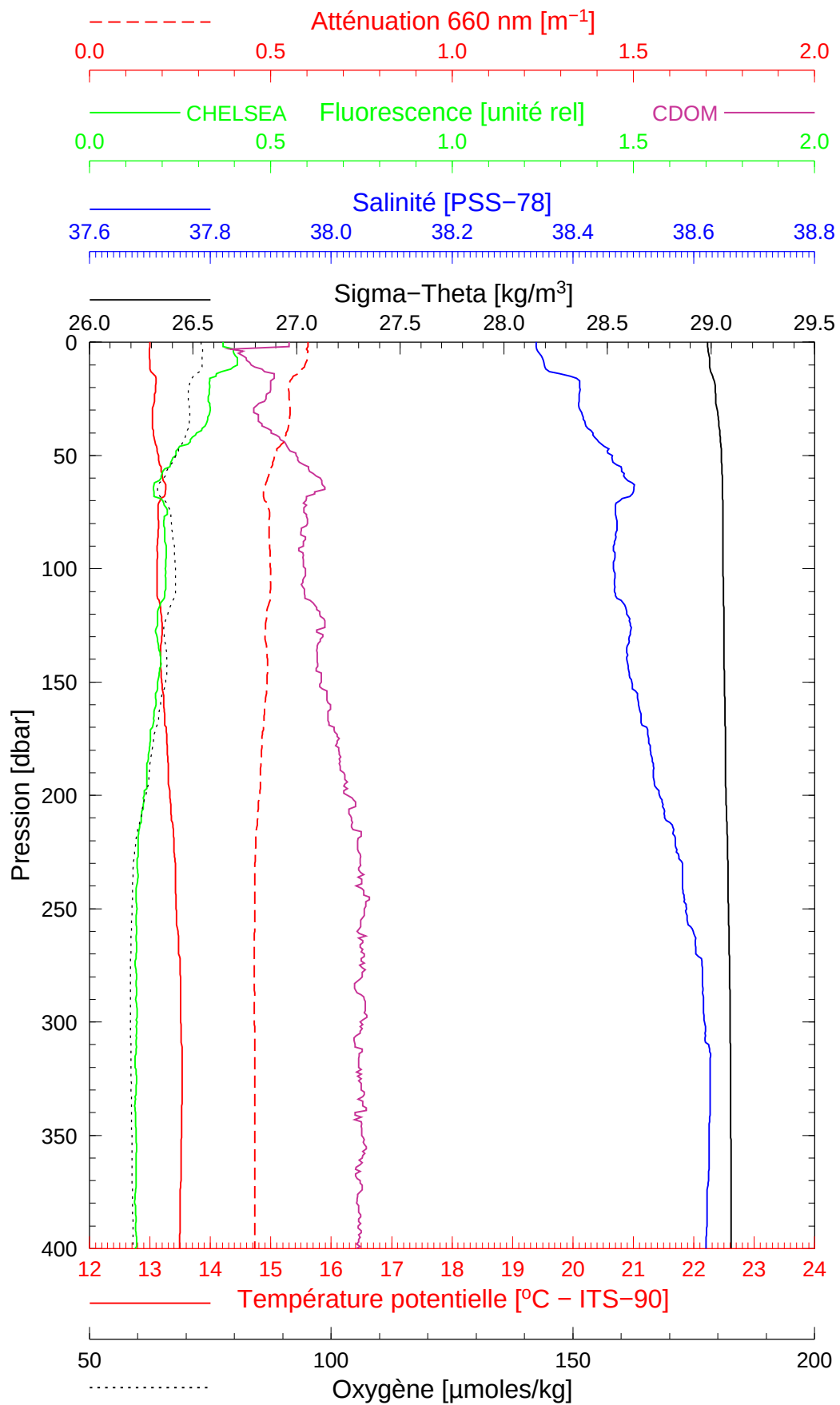
Latitude 43°21.774 N
Longitude 07°53.750 E

Boussole 73

09/03/2008

BOUS080309_03

BOUS003



Date 09/03/2008
Heure déb 13h 08min [TU]

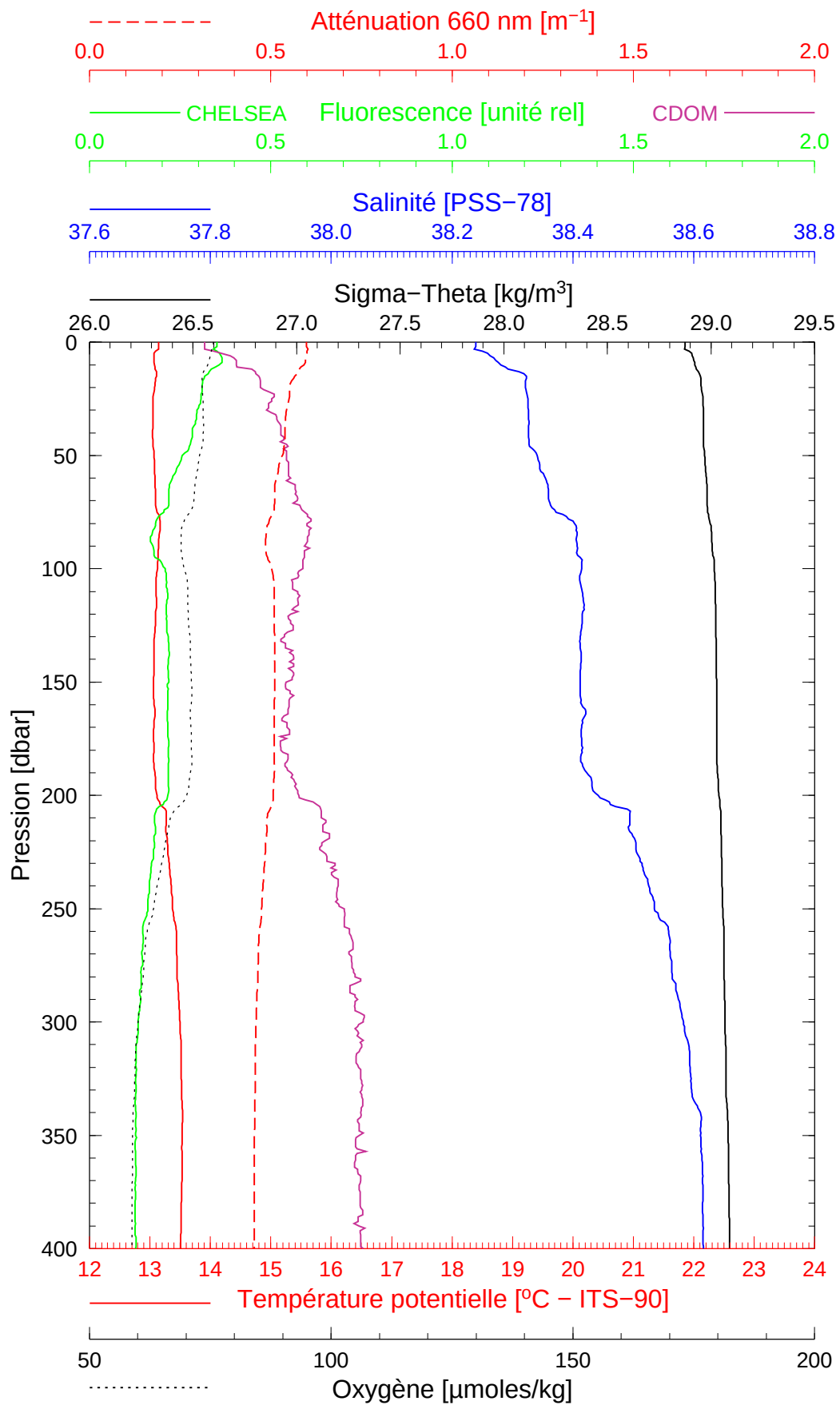
Latitude 43°25.022 N
Longitude 07°47.971 E

Boussole 73

09/03/2008

BOUS080309_04

BOUS004



Date 09/03/2008
Heure déb 14h 11min [TU]

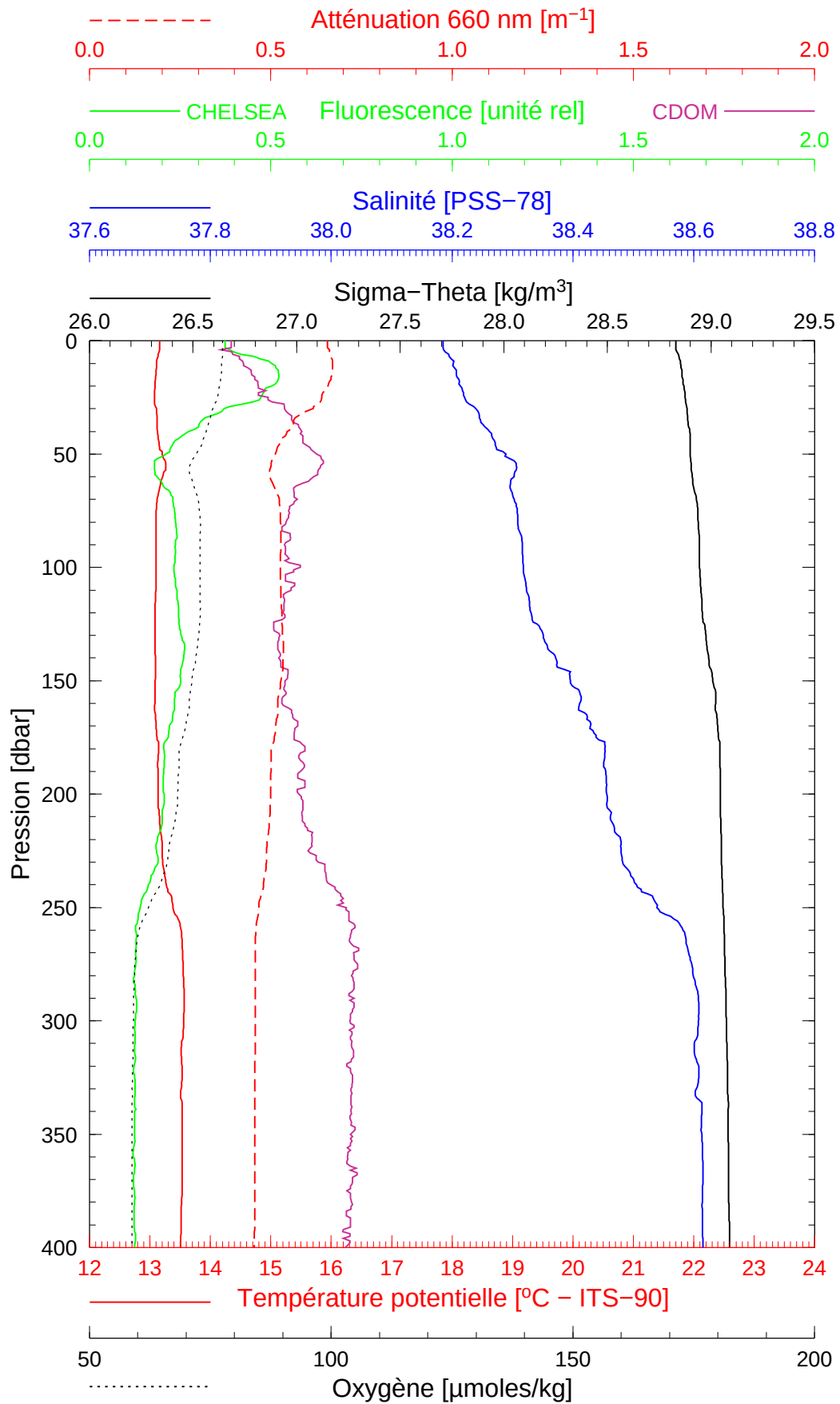
Latitude $43^{\circ}28.065\text{ N}$
Longitude $07^{\circ}42.046\text{ E}$

Boussole 73

09/03/2008

BOUS080309_05

BOUS005



Date 09/03/2008
Heure déb 15h 08min [TU]

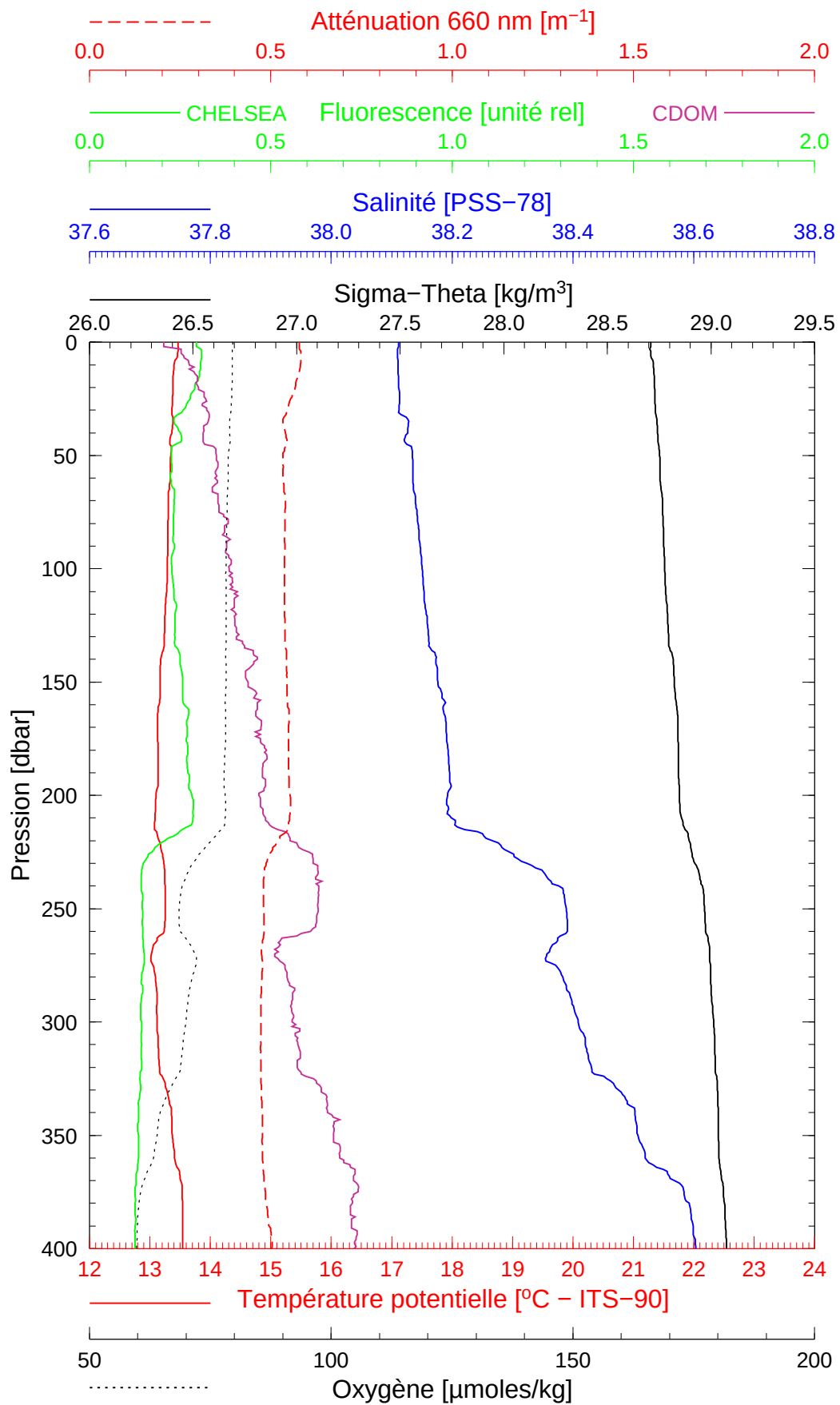
Latitude $43^{\circ}31.053$ N
Longitude $07^{\circ}36.827$ E

Boussole 73

09/03/2008

BOUS080309_06

BOUS006



Date 09/03/2008
Heure déb 16h 07min [TU]

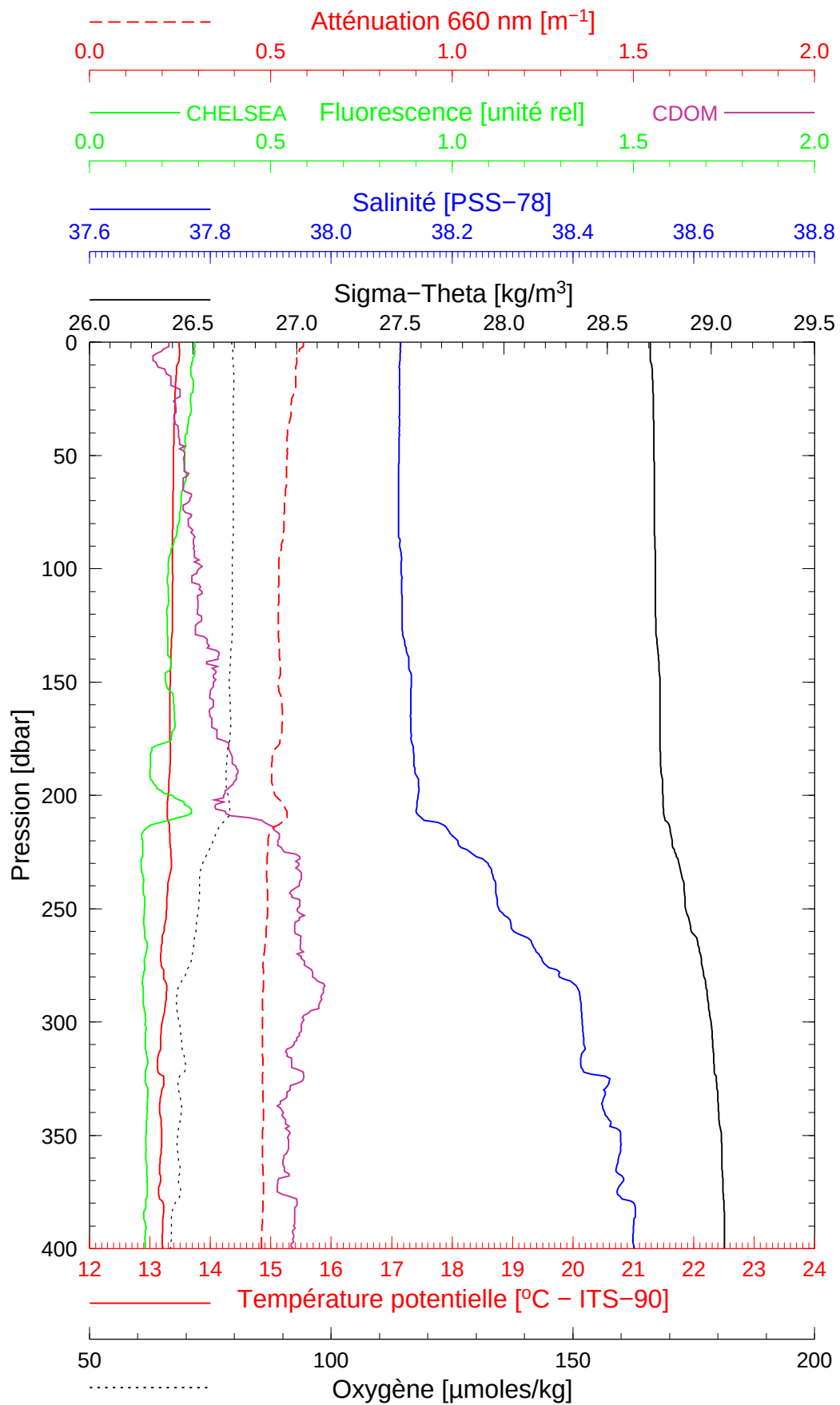
Latitude $43^{\circ}34.013$ N
Longitude $07^{\circ}30.931$ E

Boussole 73

09/03/2008

BOUS080309_07

BOUS007



Date 09/03/2008
Heure déb 17h 05min [TU]

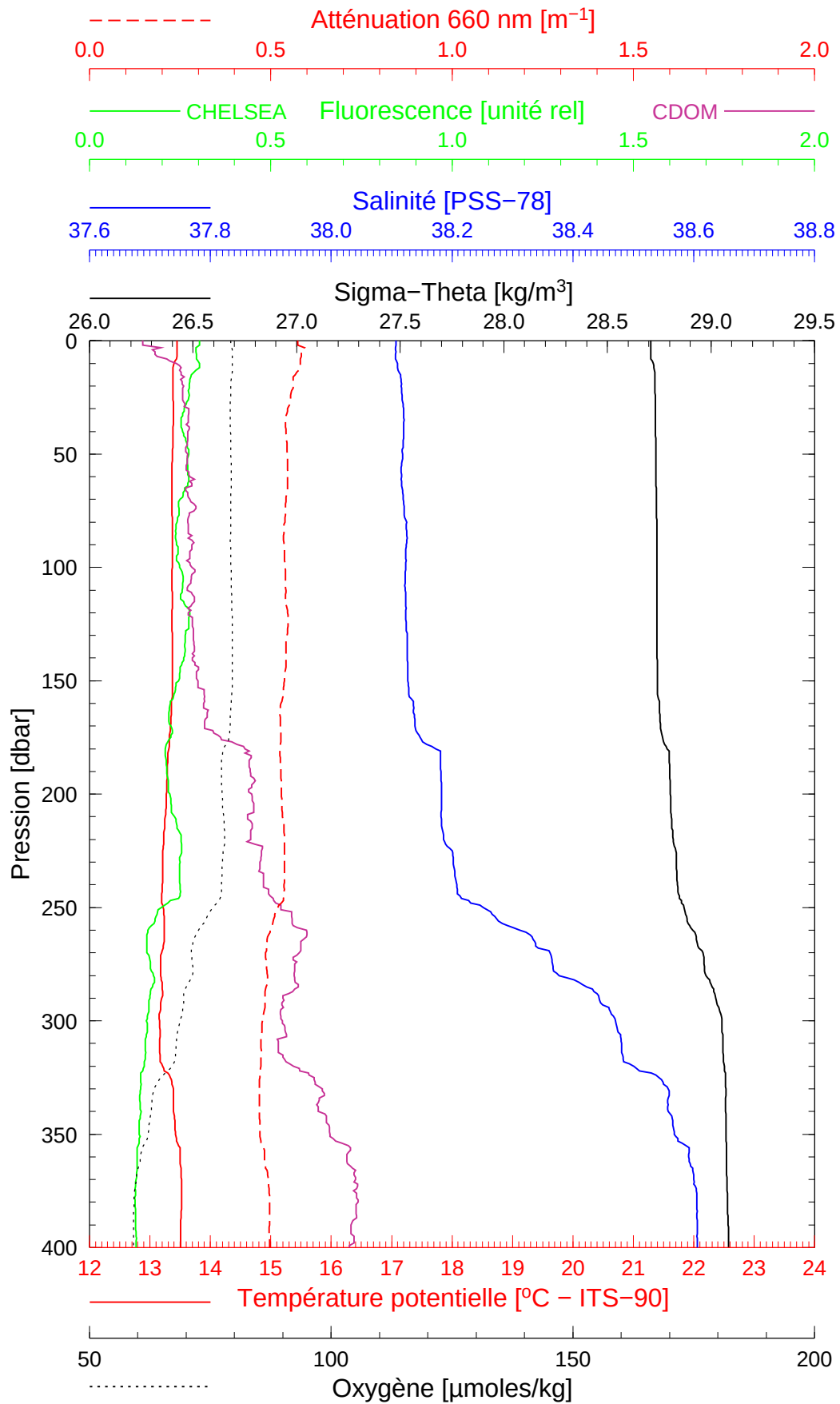
Latitude $43^{\circ}37.062$ N
Longitude $07^{\circ}24.907$ E

Boussole 73

09/03/2008

BOUS080309_08

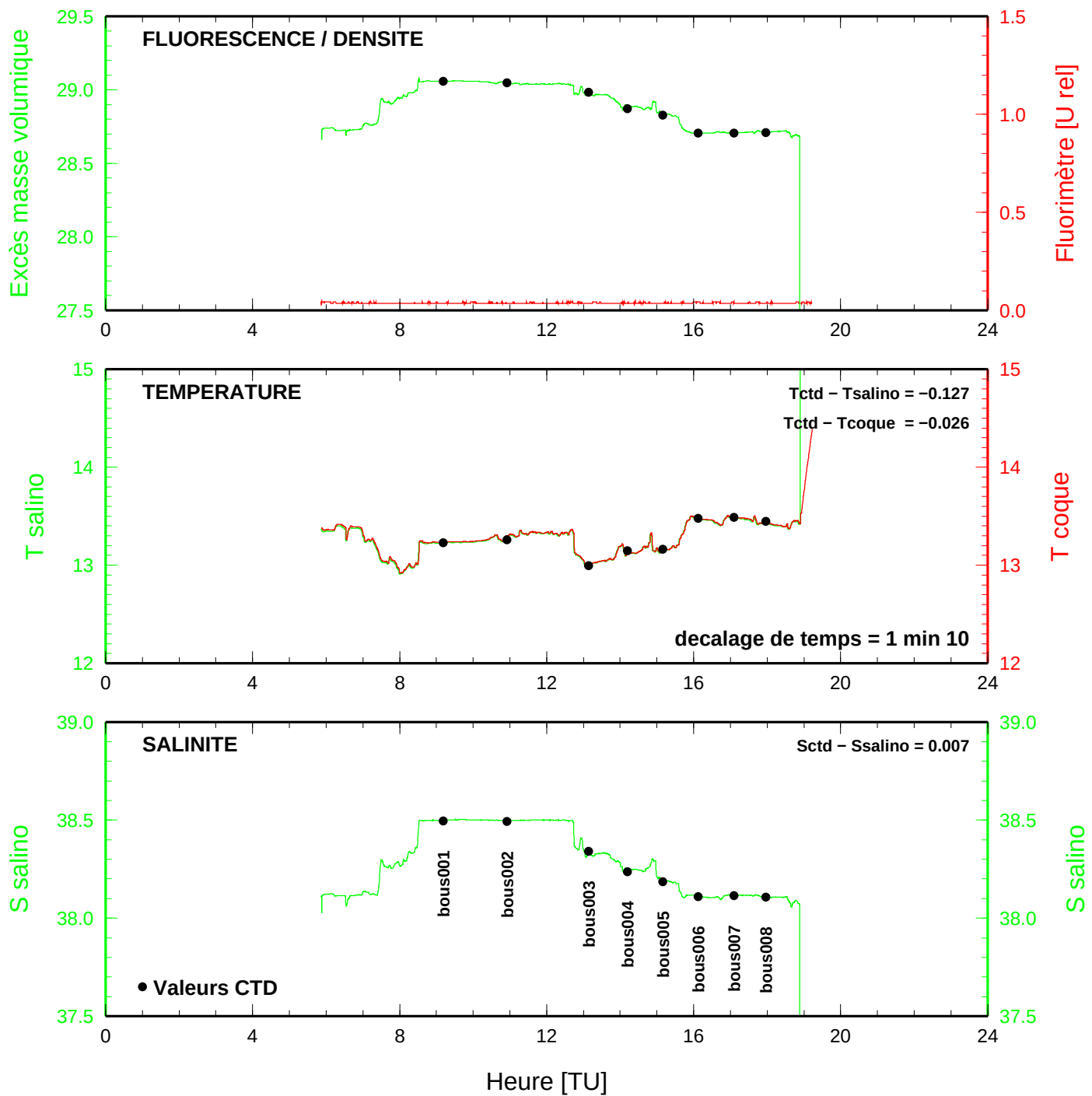
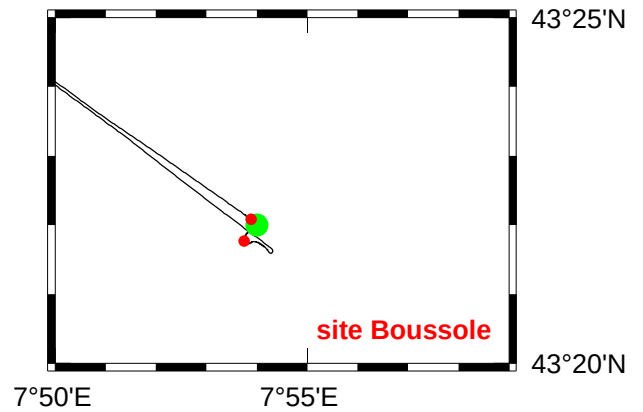
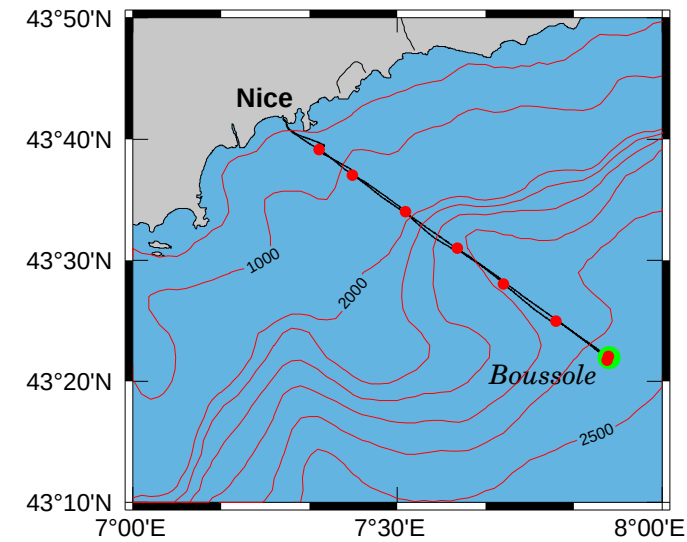
BOUS008

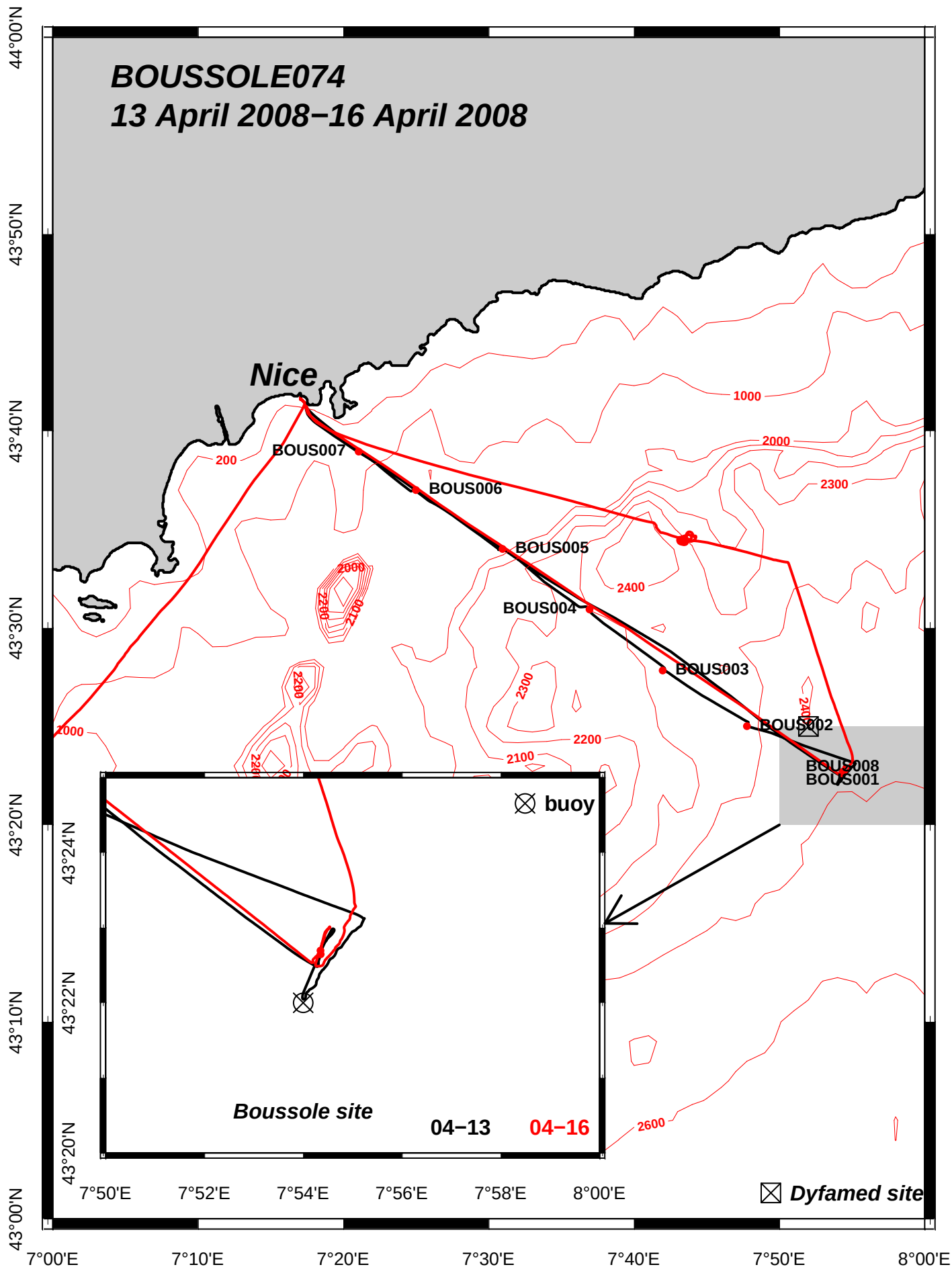


Date 09/03/2008
Heure déb 17h 58min [TU]

Latitude 43°39.133 N
Longitude 07°21.095 E

BOUSSOLE 73 09 mars 2008



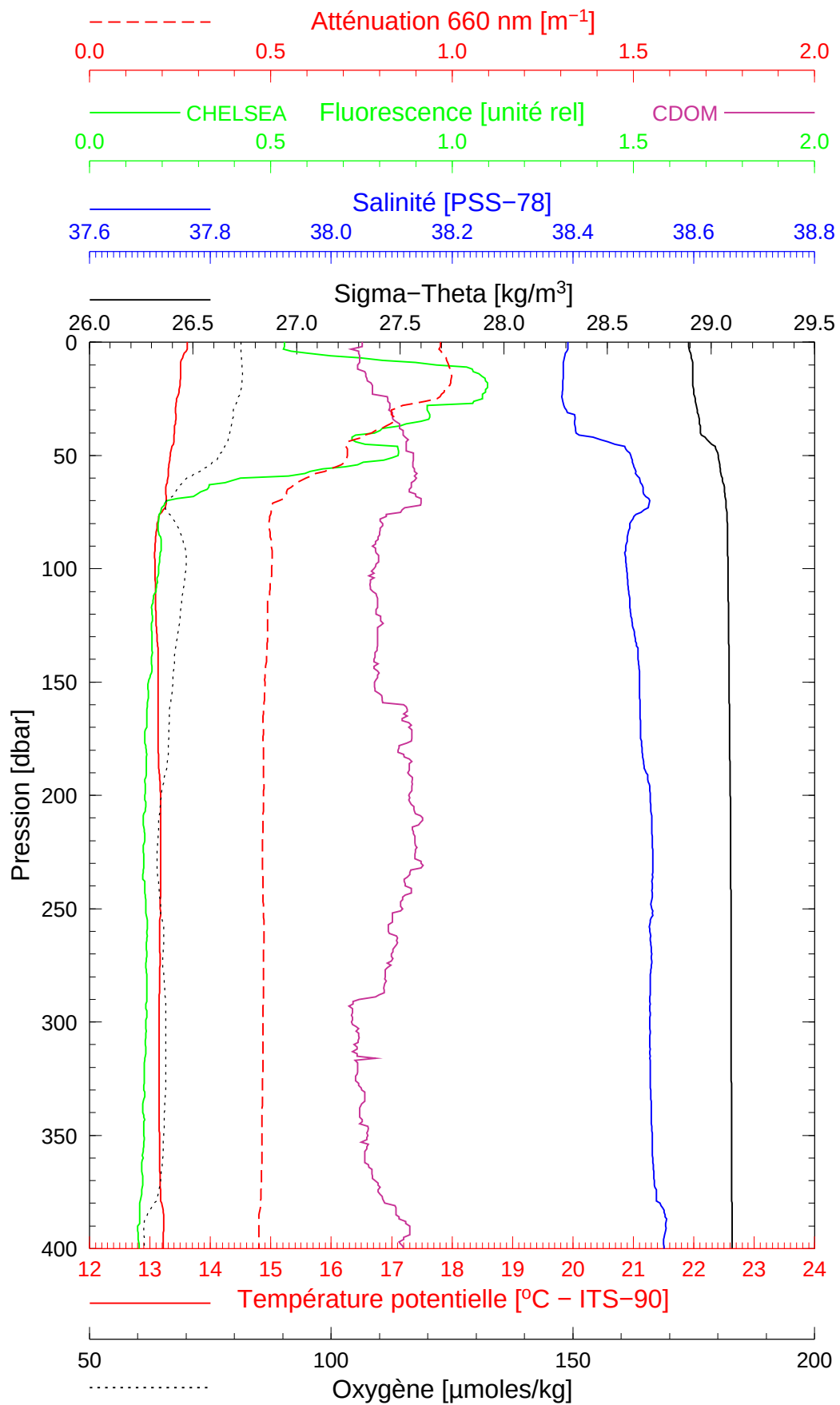


Boussole 74

13/04/2008

BOUS080413_01

BOUS001



Date 13/04/2008
Heure déb 08h 02min [TU]

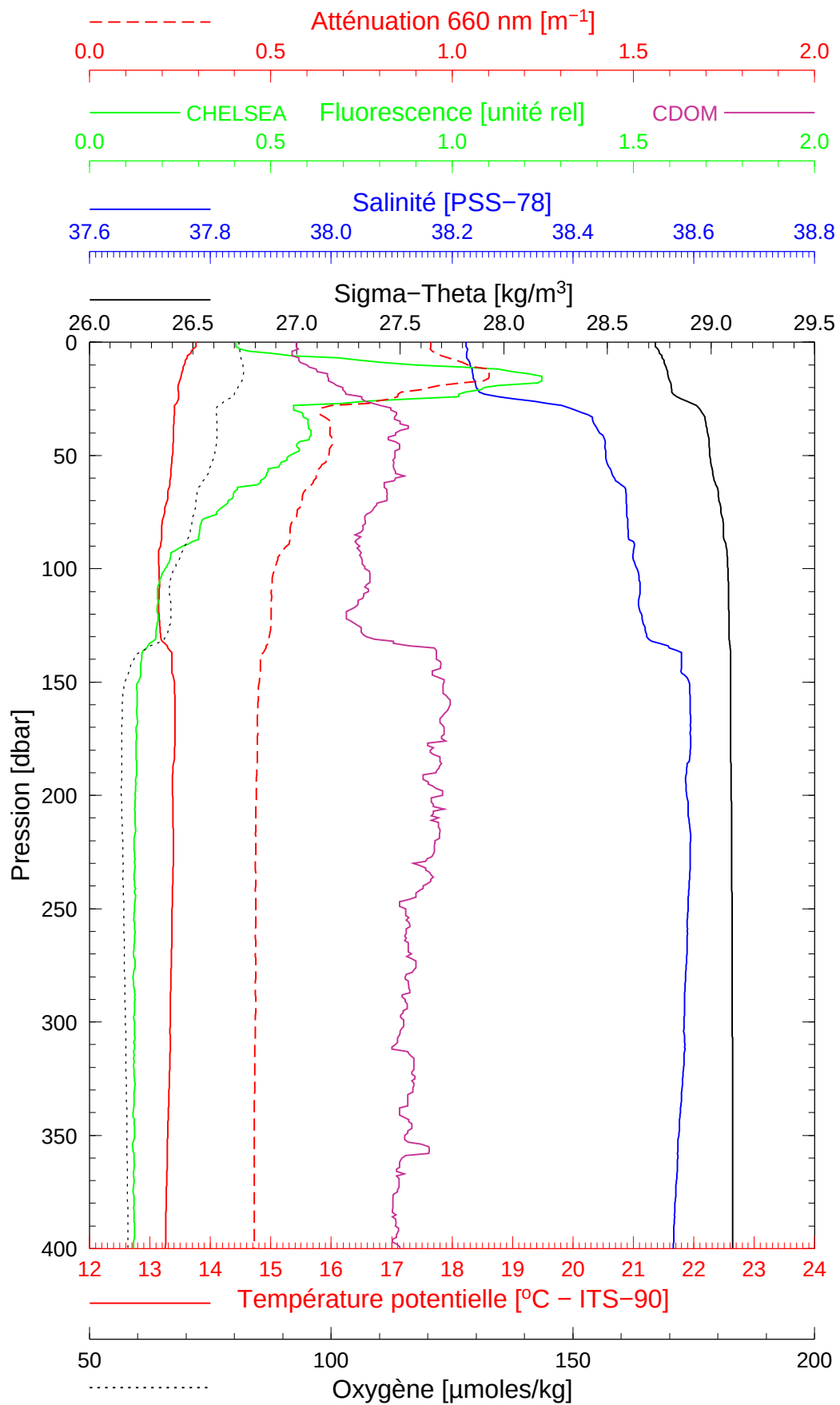
Latitude $43^{\circ}22.647\text{ N}$
Longitude $07^{\circ}54.354\text{ E}$

Boussole 74

13/04/2008

BOUS080413_02

BOUS002



Date 13/04/2008
Heure déb 11h 52min [TU]

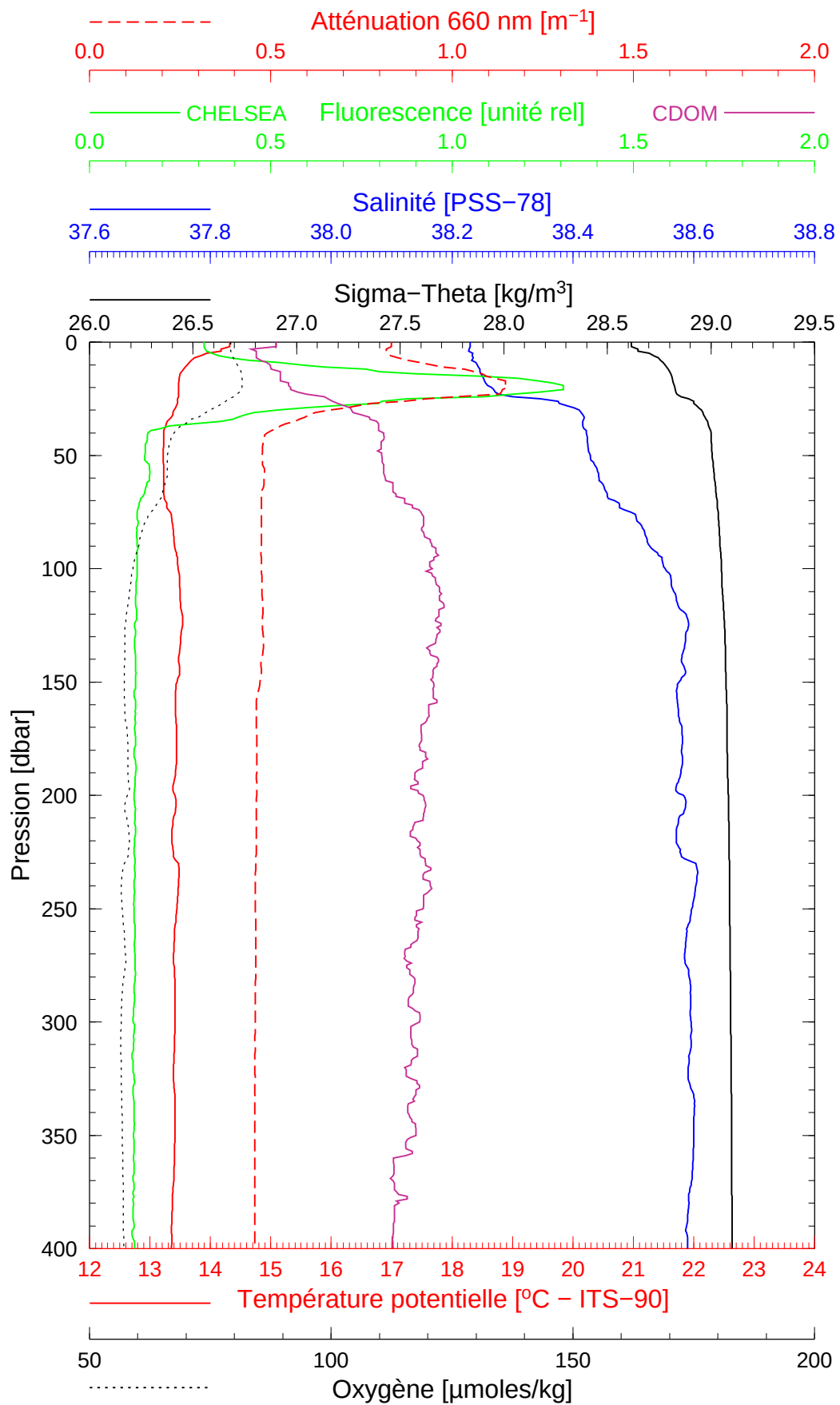
Latitude $43^{\circ}25.015\text{ N}$
Longitude $07^{\circ}47.768\text{ E}$

Boussole 74

13/04/2008

BOUS080413_03

BOUS003



Date 13/04/2008
Heure déb 12h 53min [TU]

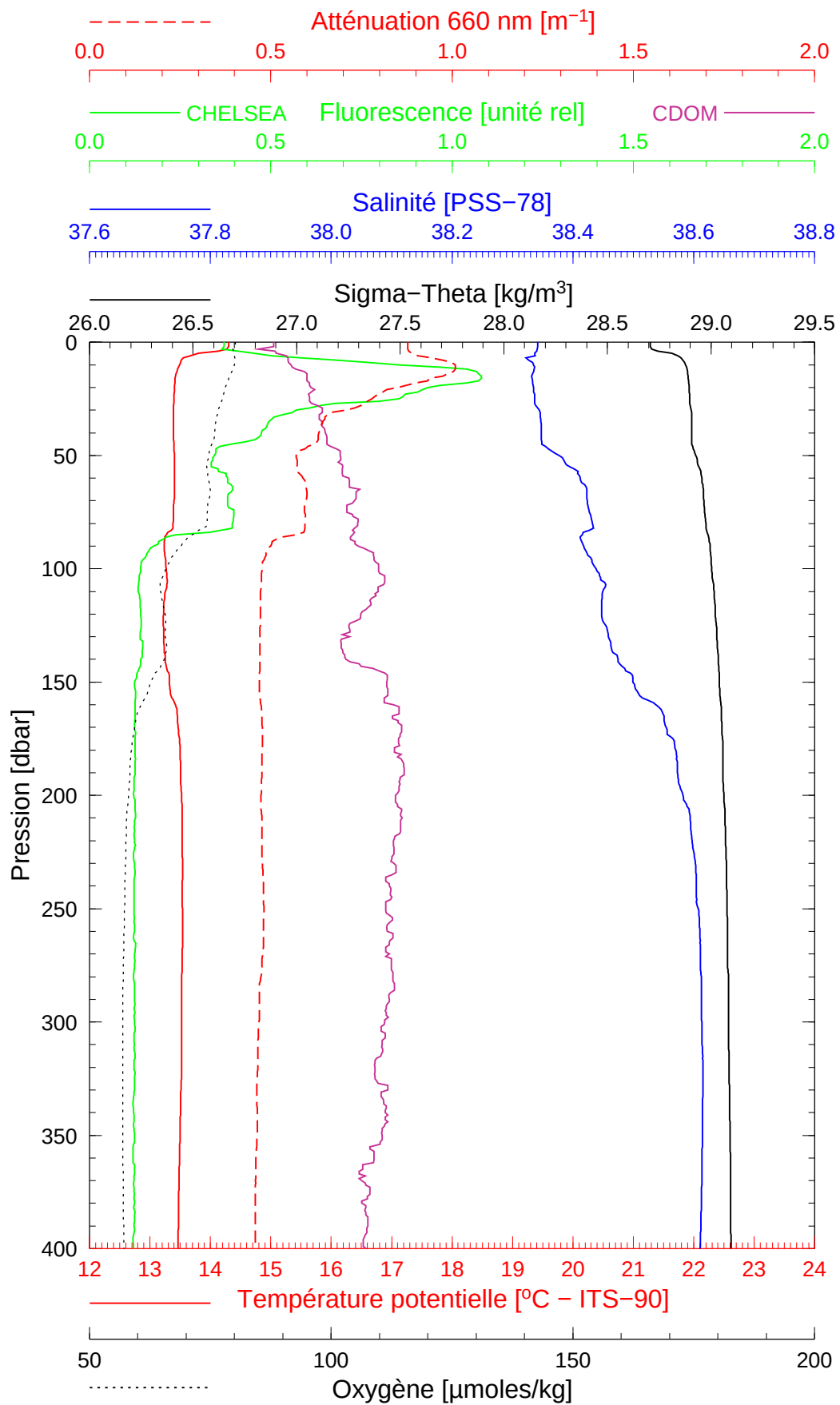
Latitude $43^{\circ}27.841\text{ N}$
Longitude $07^{\circ}41.970\text{ E}$

Boussole 74

13/04/2008

BOUS080413_04

BOUS004



Date 13/04/2008
Heure déb 13h 51min [TU]

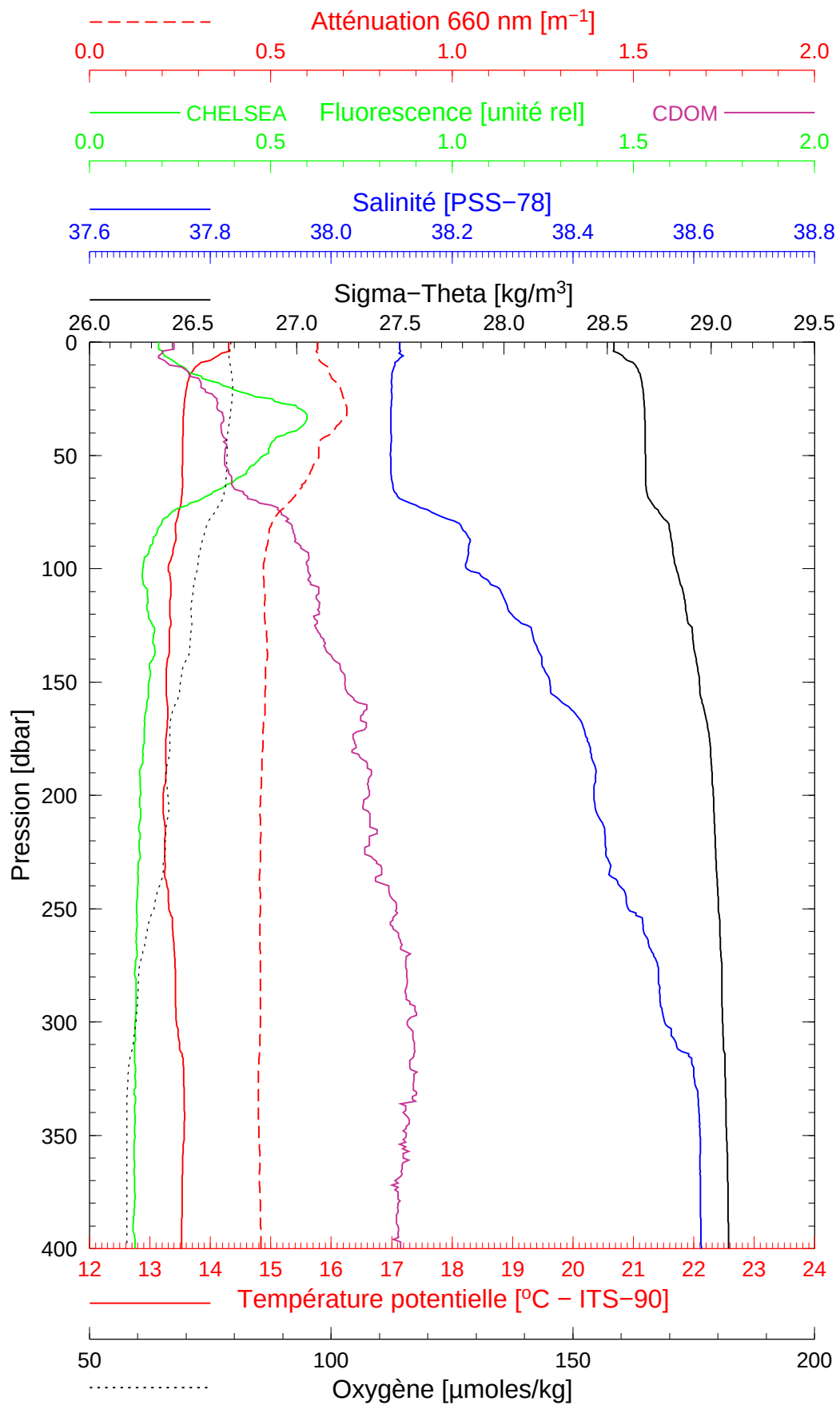
Latitude $43^{\circ}30.943$ N
Longitude $07^{\circ}36.939$ E

Boussole 74

13/04/2008

BOUS080413_05

BOUS005



Date 13/04/2008
Heure déb 14h 50min [TU]

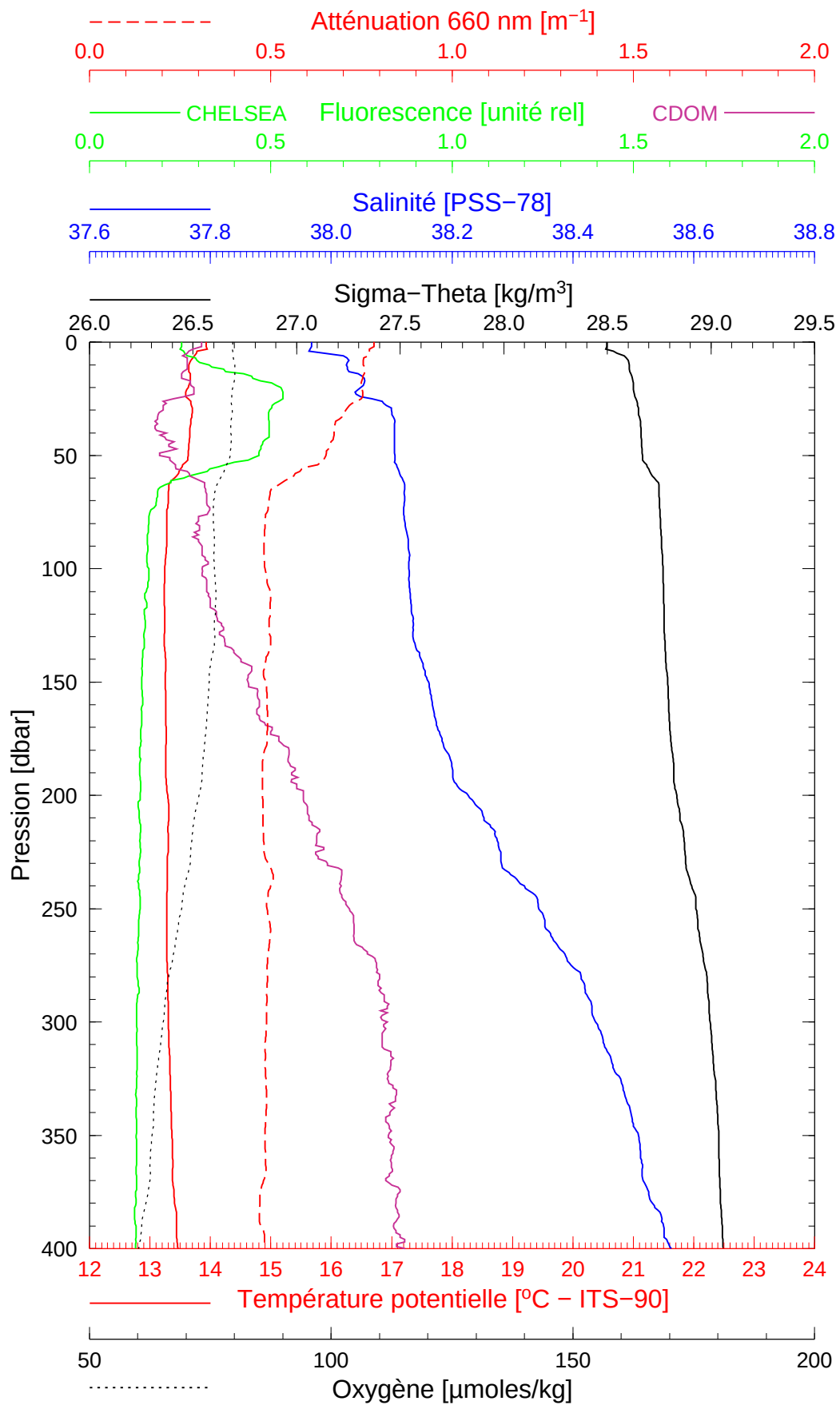
Latitude $43^{\circ}34.013$ N
Longitude $07^{\circ}30.953$ E

Boussole 74

13/04/2008

BOUS080413_06

BOUS006



Date 13/04/2008
Heure déb 15h 50min [TU]

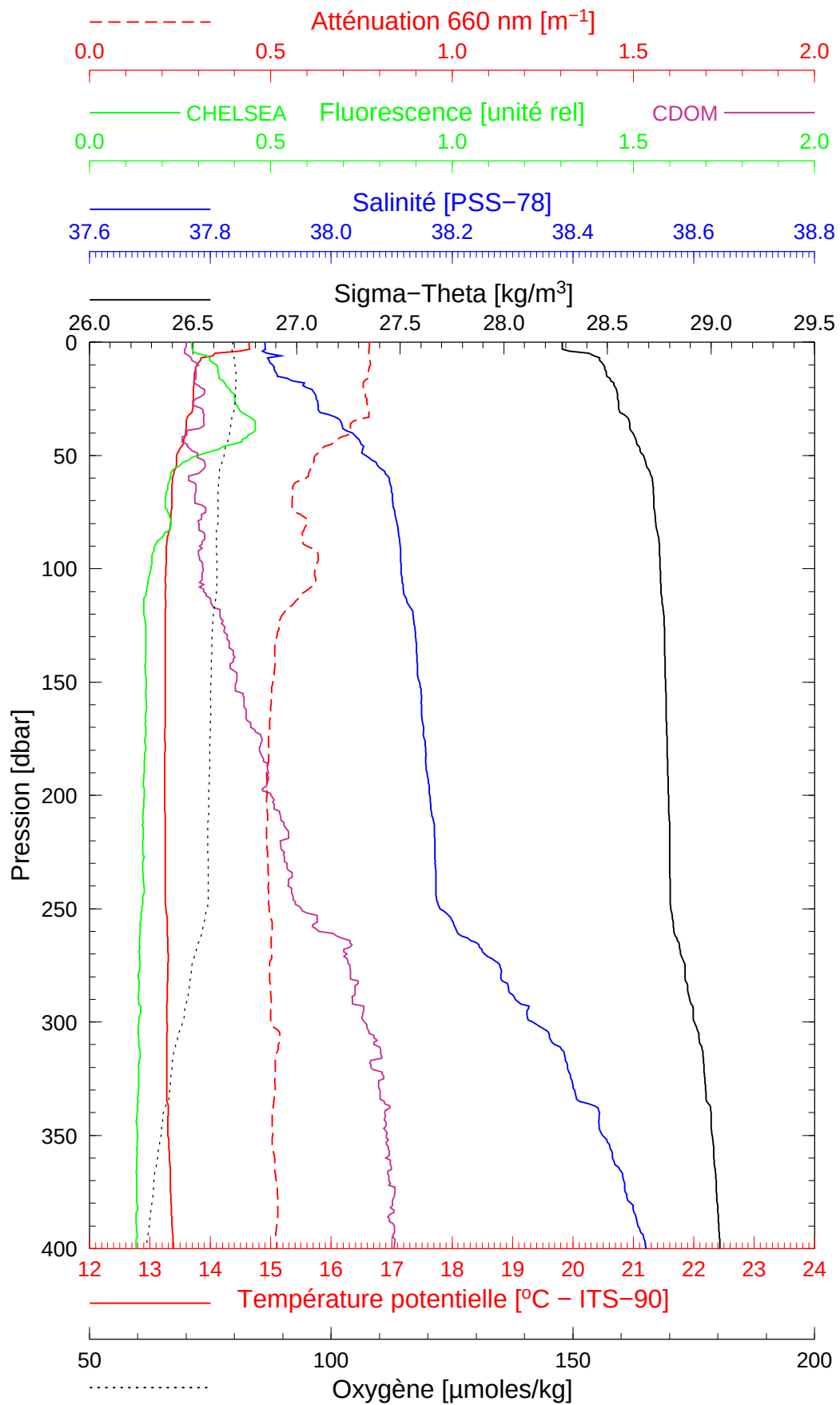
Latitude 43°37.004 N
Longitude 07°24.995 E

Boussole 74

13/04/2008

BOUS080413_07

BOUS007



Date 13/04/2008
Heure déb 16h 37min [TU]

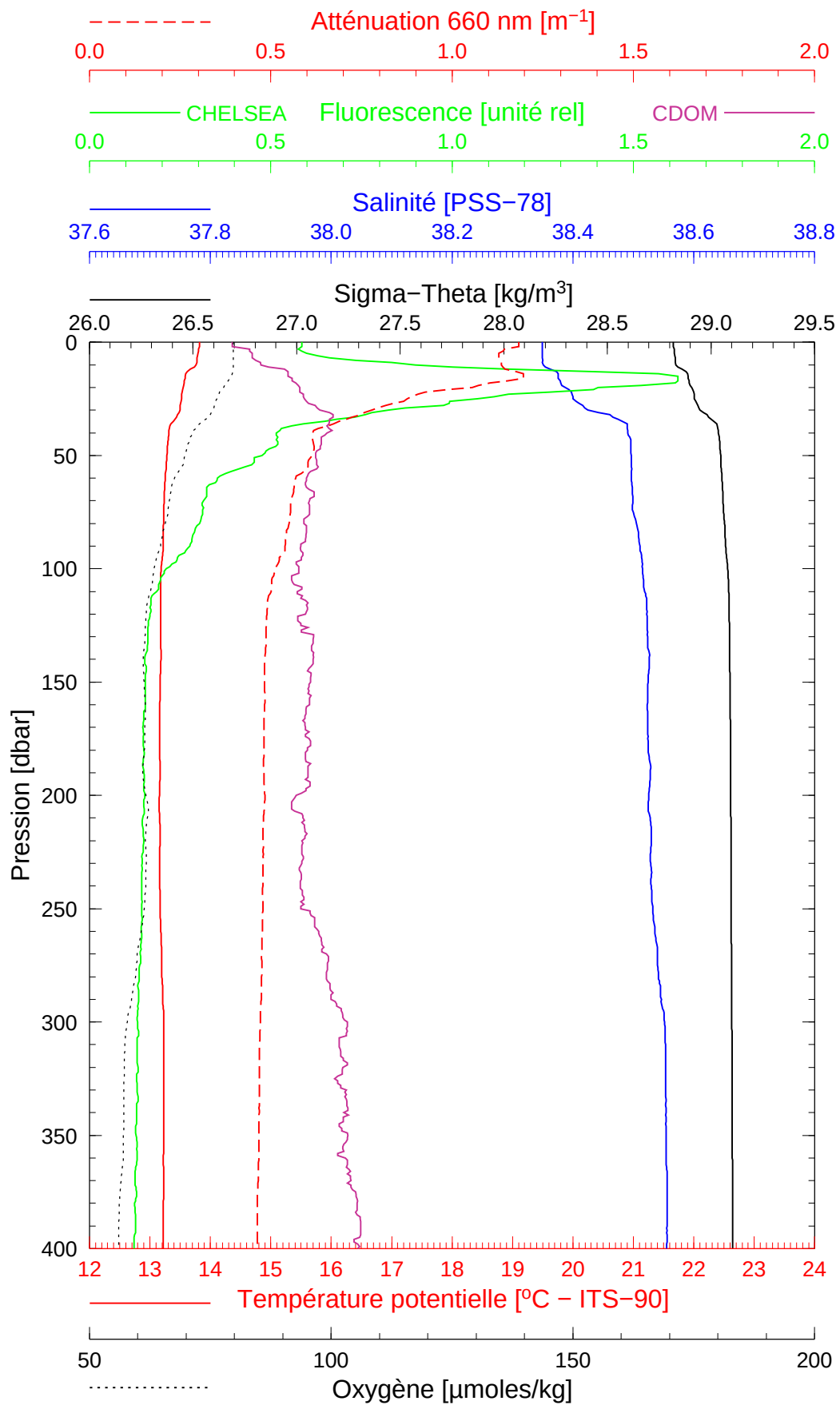
Latitude $43^{\circ}38.957\text{ N}$
Longitude $07^{\circ}21.054\text{ E}$

Boussole 74

16/04/2008

BOUS080416_08

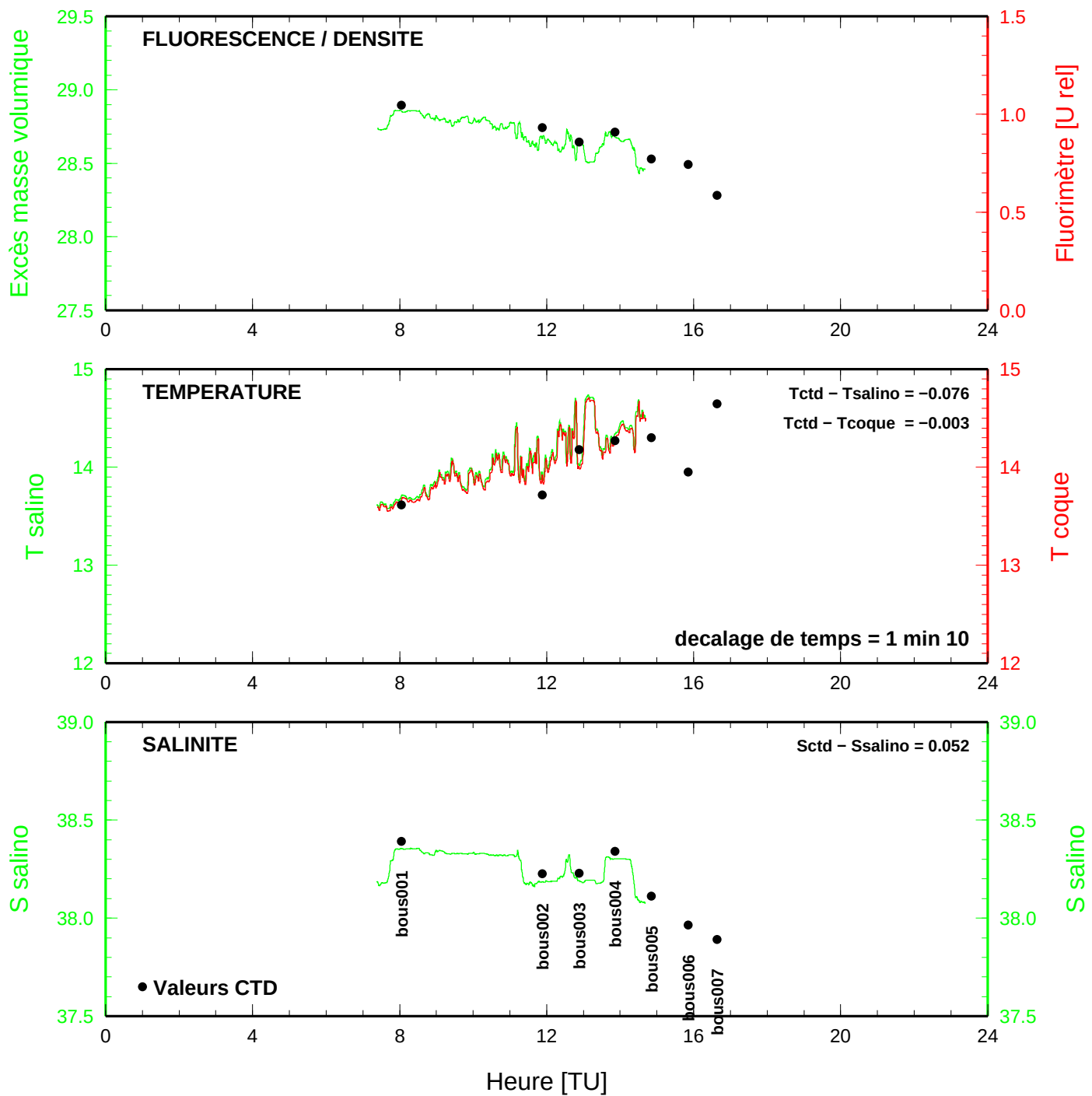
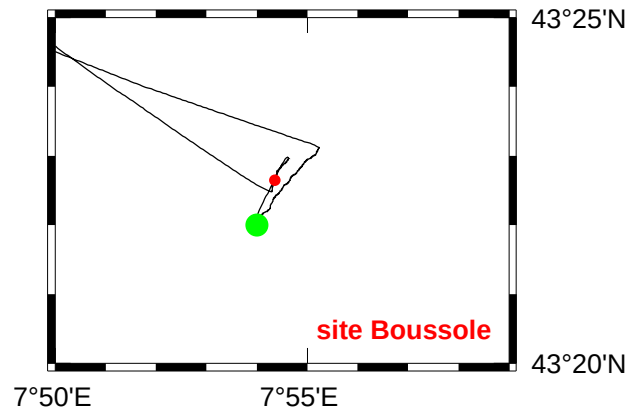
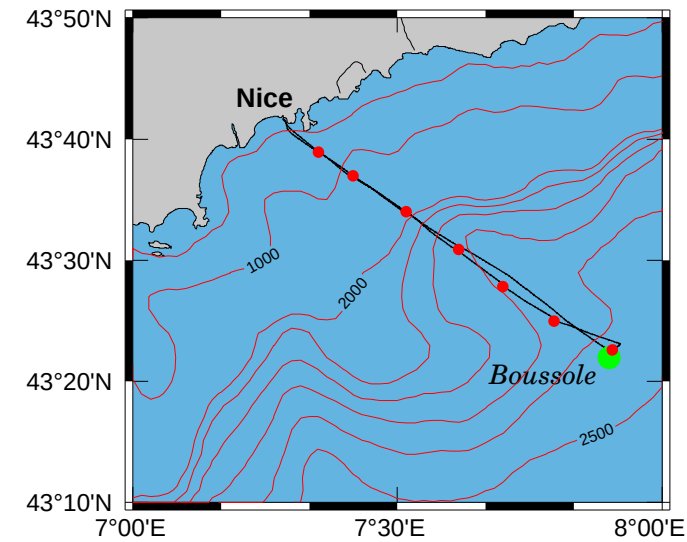
BOUS008



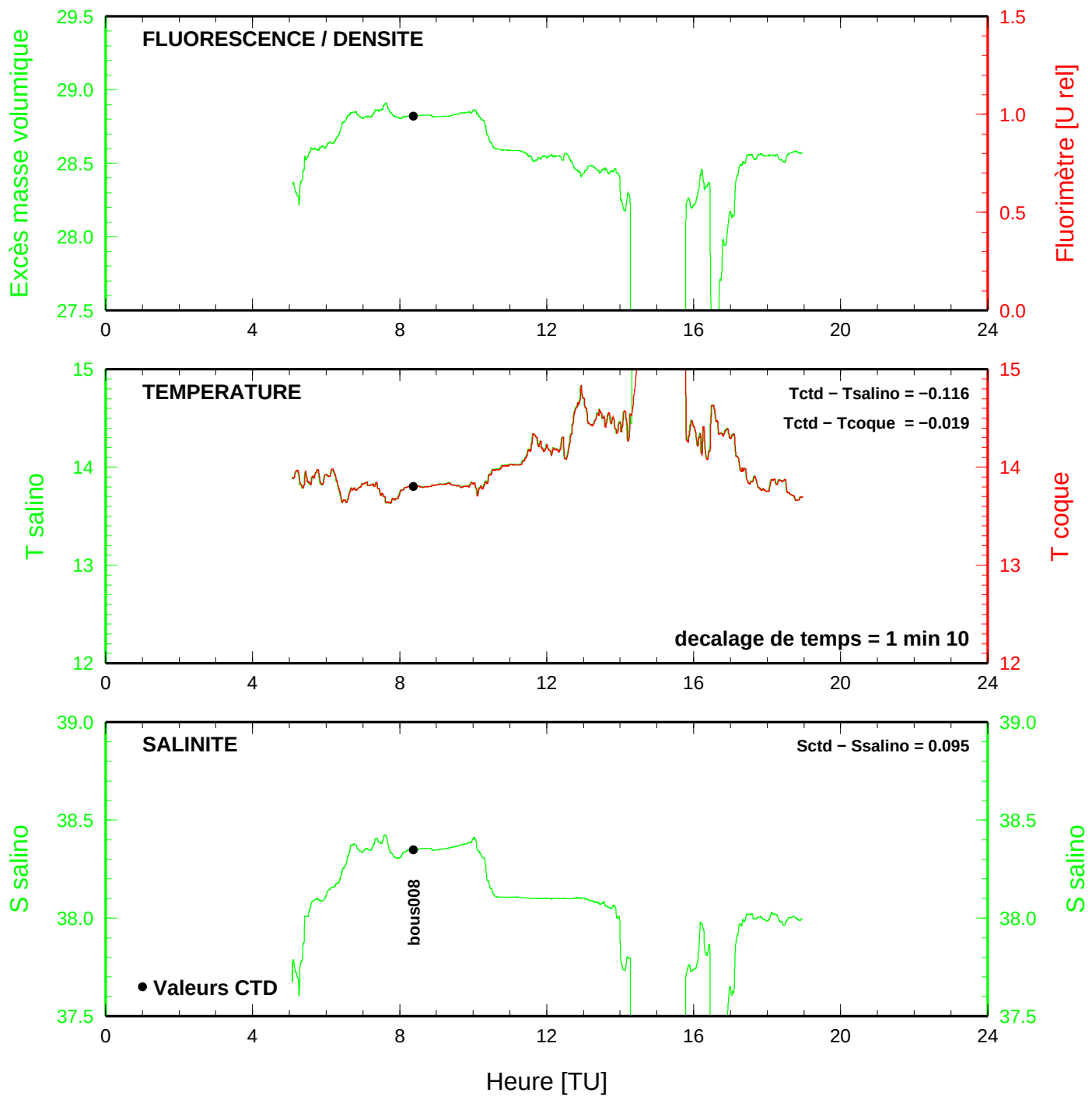
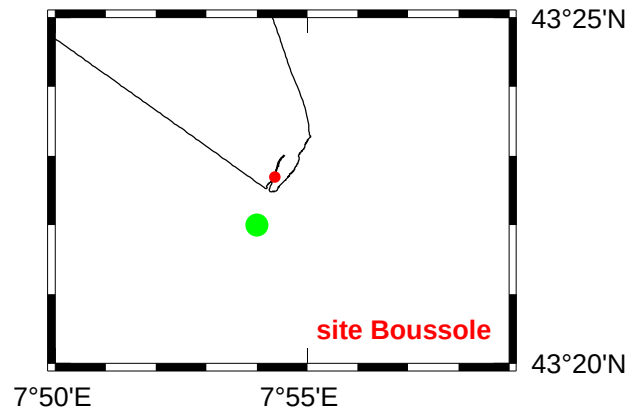
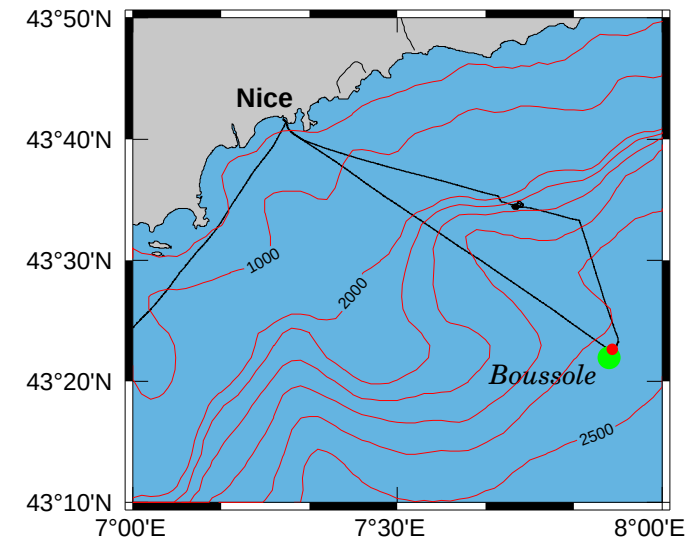
Date 16/04/2008
Heure déb 08h 21min [TU]

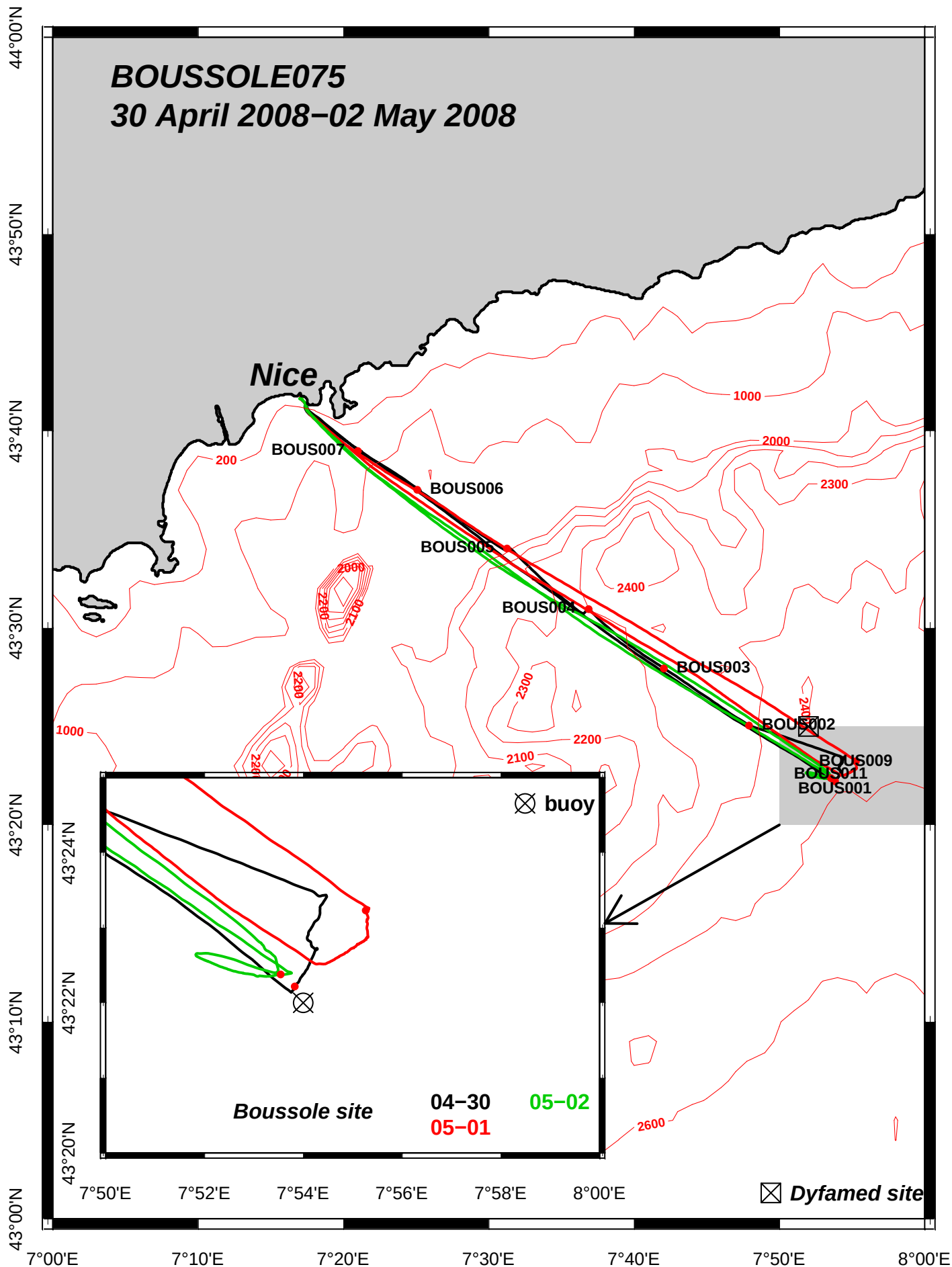
Latitude $43^{\circ}22.696$ N
Longitude $07^{\circ}54.350$ E

BOUSSOLE 74 13 avril 2008



BOUSSOLE 74 16 avril 2008



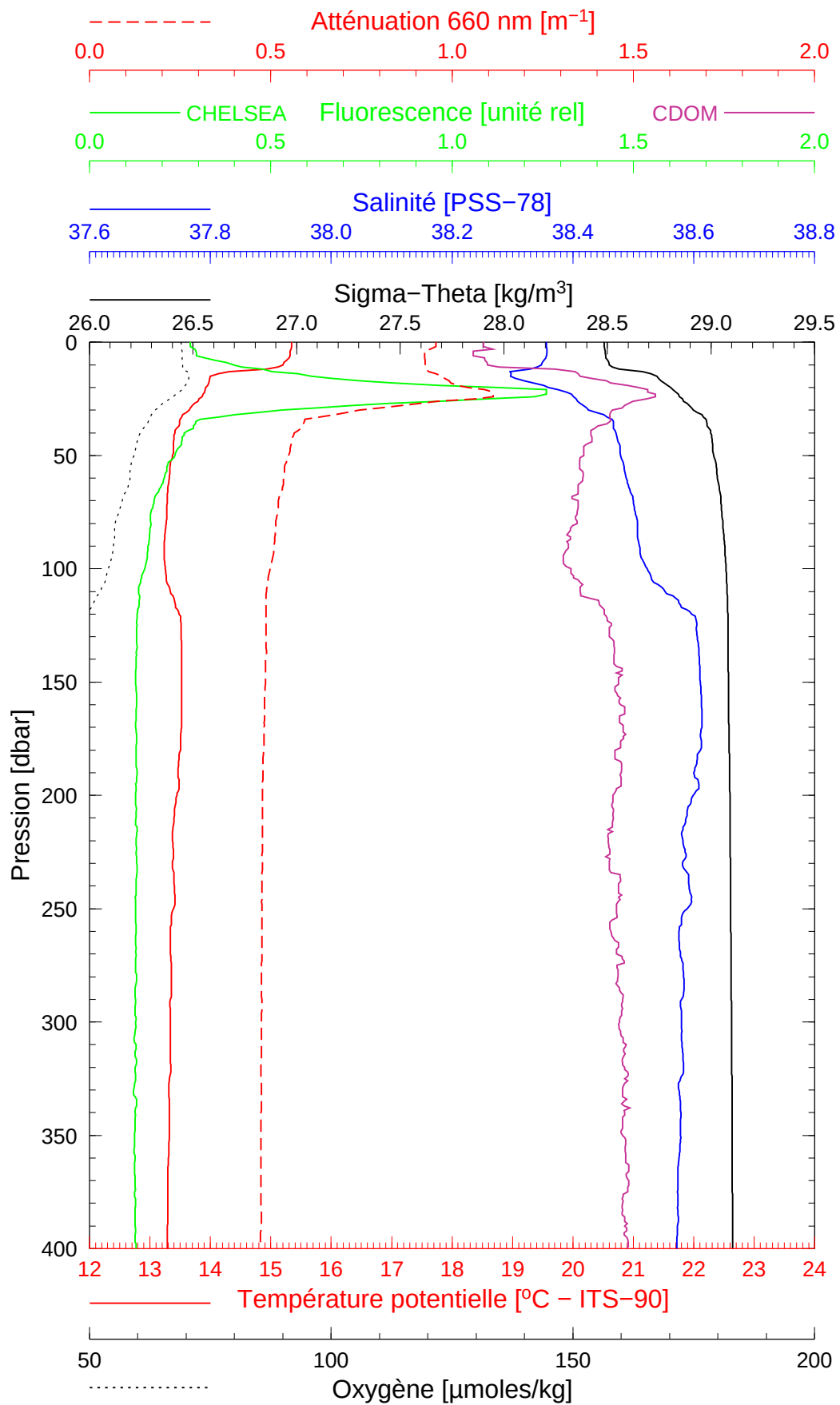


Boussole

30/04/2008

BOUS080430_01

BOUS001



Date 30/04/2008
Heure déb 07h 50min [TU]

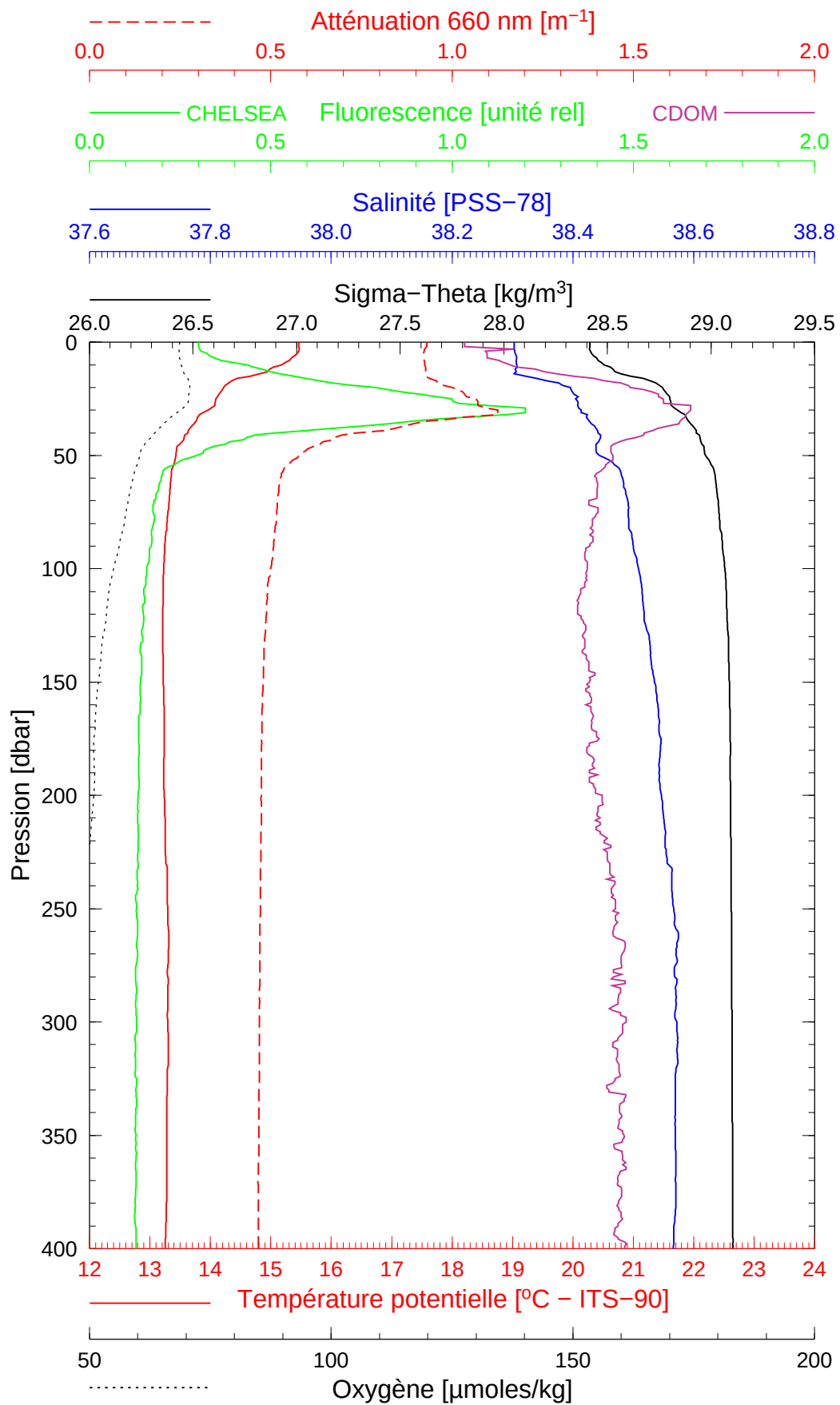
Latitude 43°22.218
Longitude 07°53.829

Boussole

30/04/2008

BOUS080430_02

BOUS002



Date 30/04/2008
Heure déb 10h 58min [TU]

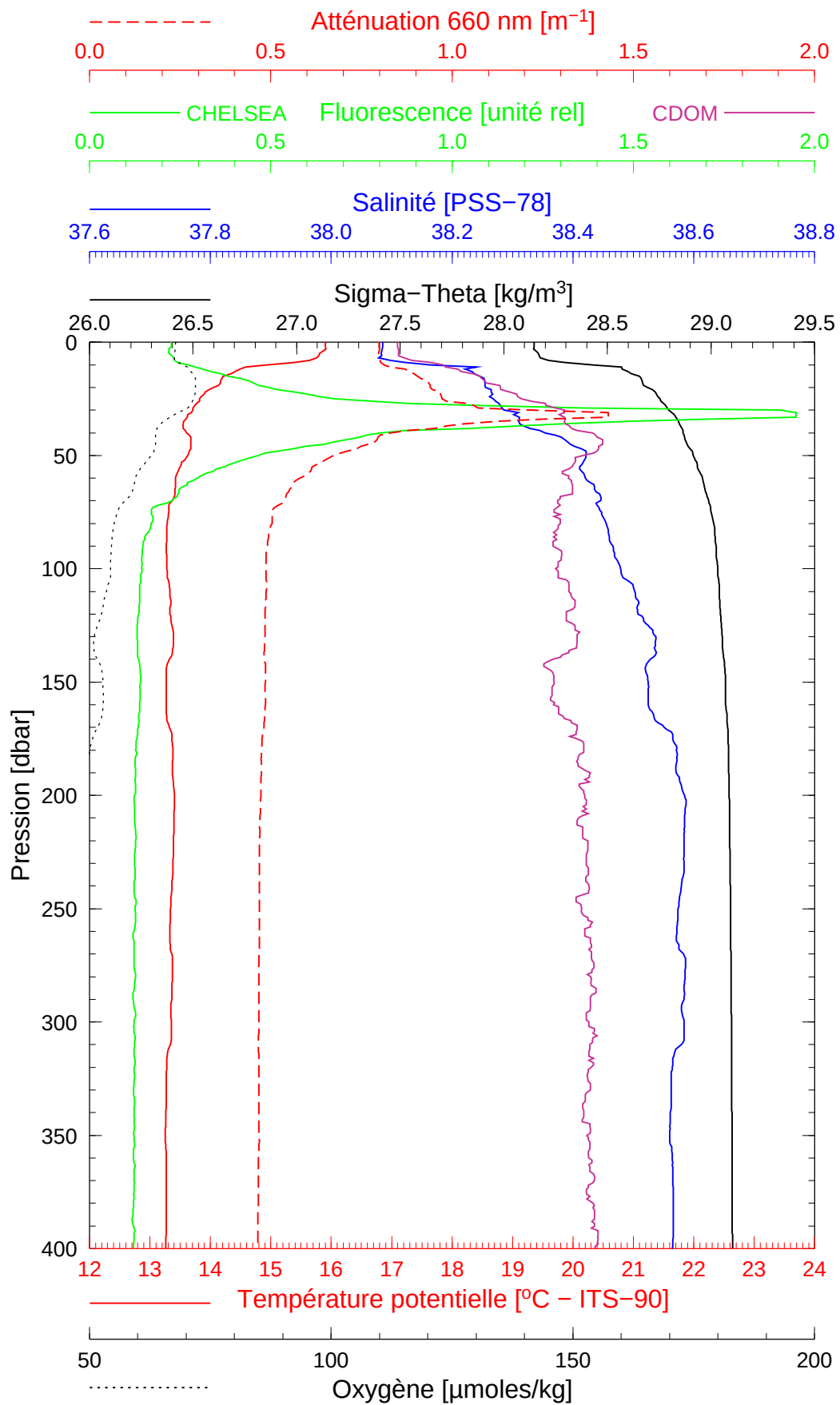
Latitude $43^{\circ}25.047$
Longitude $07^{\circ}47.912$

Boussole

30/04/2008

BOUS080430_03

BOUS003



Date 30/04/2008
Heure déb 11h 53min [TU]

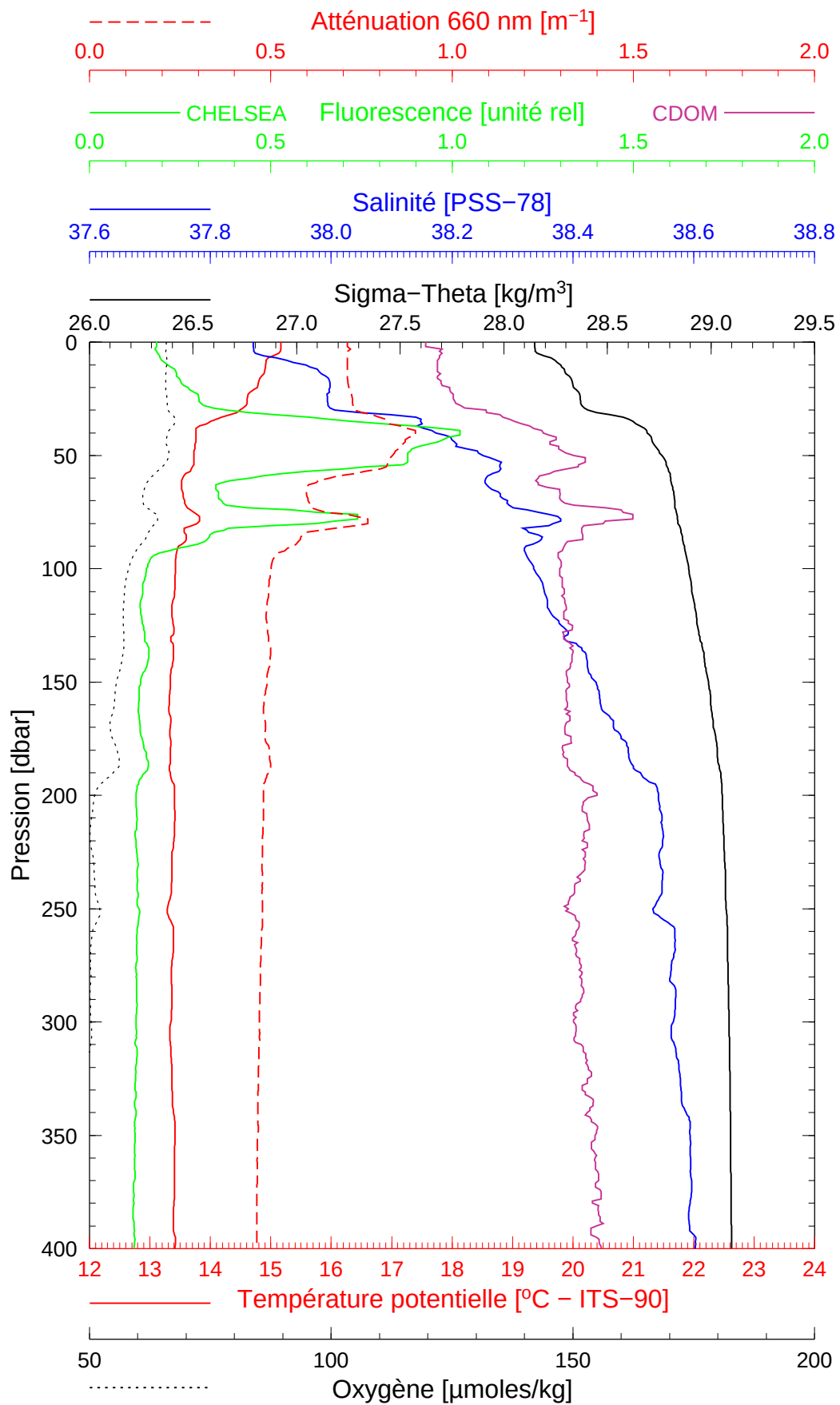
Latitude 43°27.946
Longitude 07°42.052

Boussole

30/04/2008

BOUS080430_04

BOUS004



Date 30/04/2008
Heure déb 12h 47min [TU]

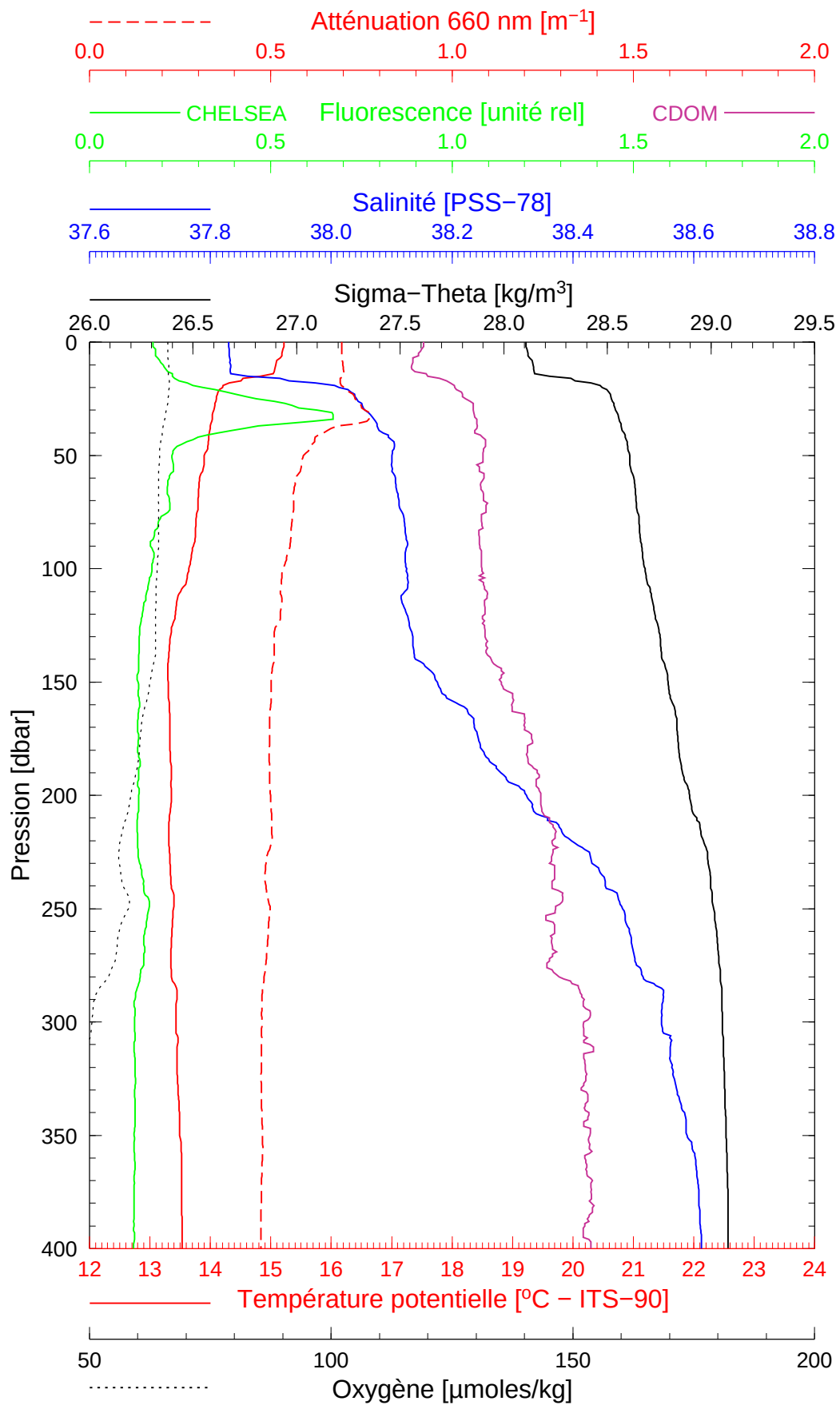
Latitude 43°30.958
Longitude 07°36.875

Boussole

30/04/2008

BOUS080430_05

BOUS005



Date 30/04/2008
Heure déb 13h 47min [TU]

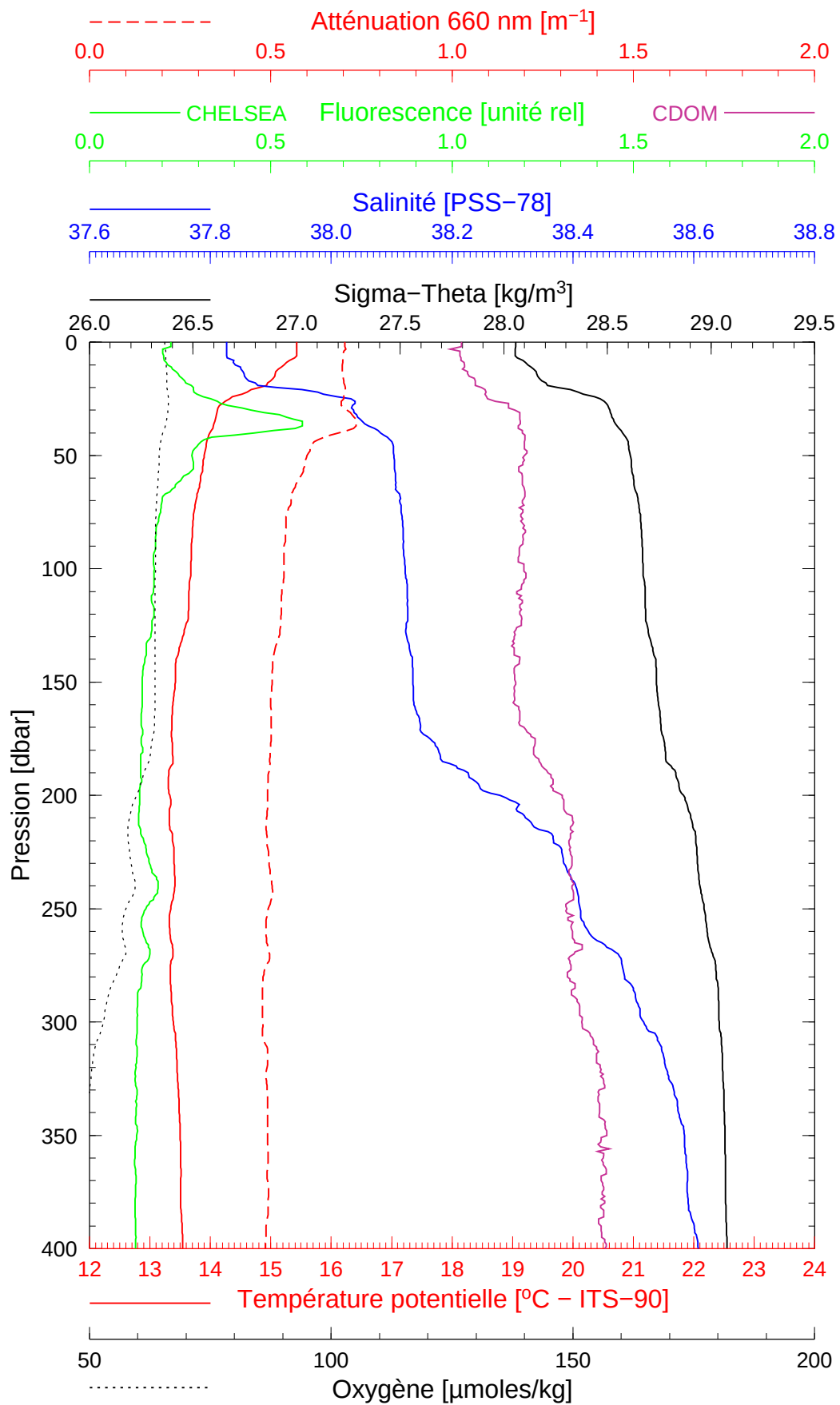
Latitude 43°34.036
Longitude 07°31.262

Boussole

30/04/2008

BOUS080430_06

BOUS006



Date 30/04/2008
Heure déb 14h 46min [TU]

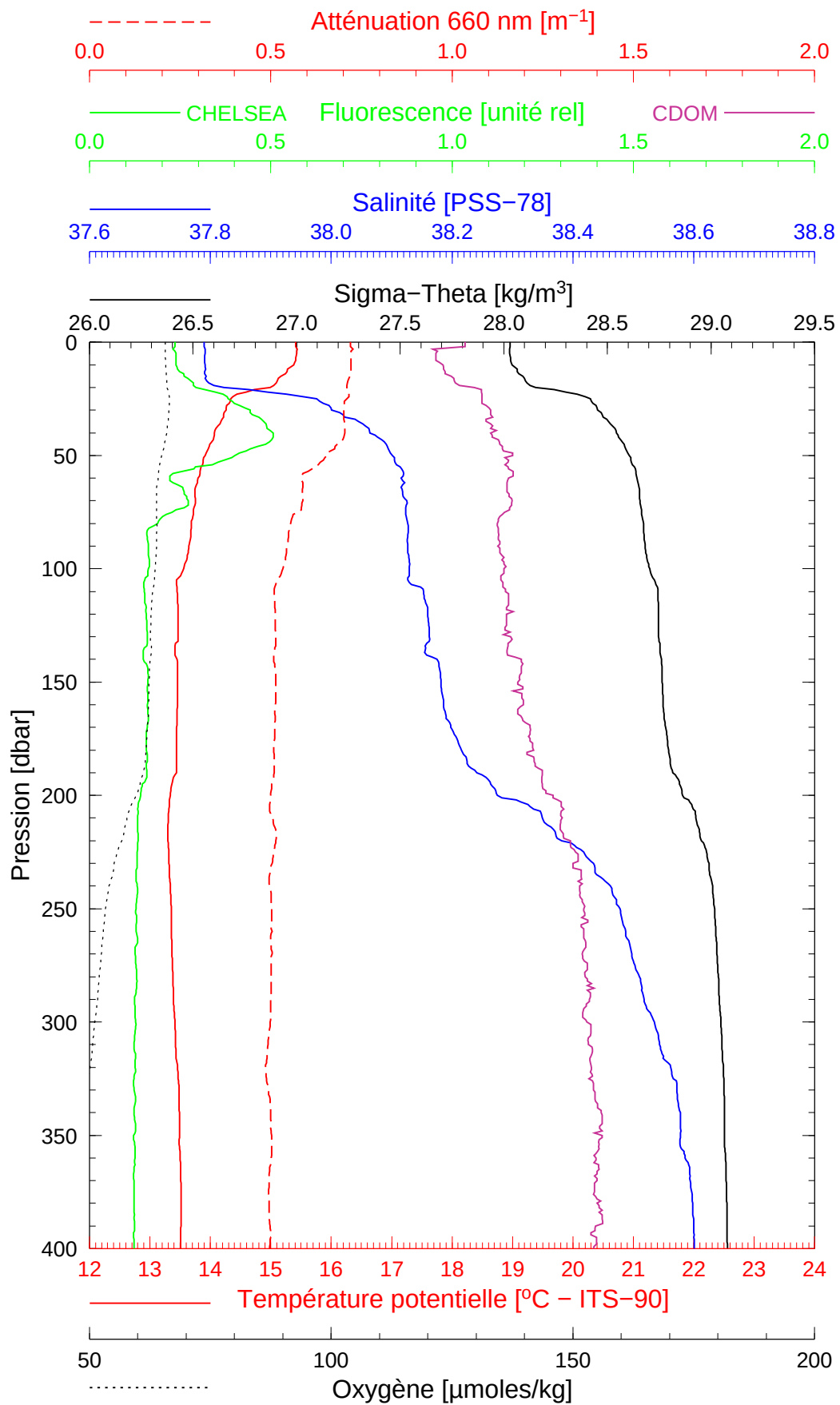
Latitude 43°37.018
Longitude 07°25.085

Boussole

30/04/2008

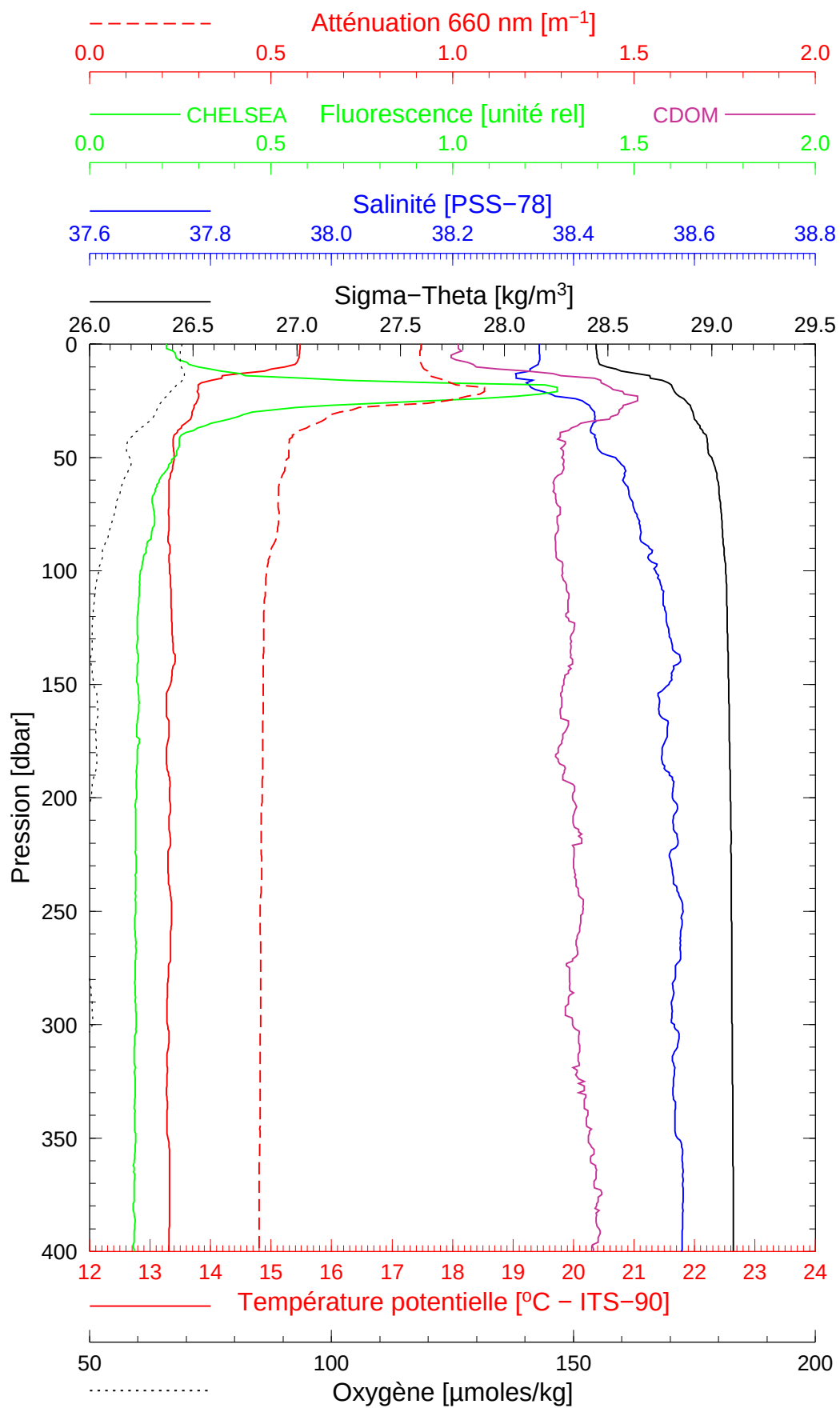
BOUS080430_07

BOUS007



Date 30/04/2008
Heure déb 15h 35min [TU]

Latitude 43°38.986
Longitude 07°20.996

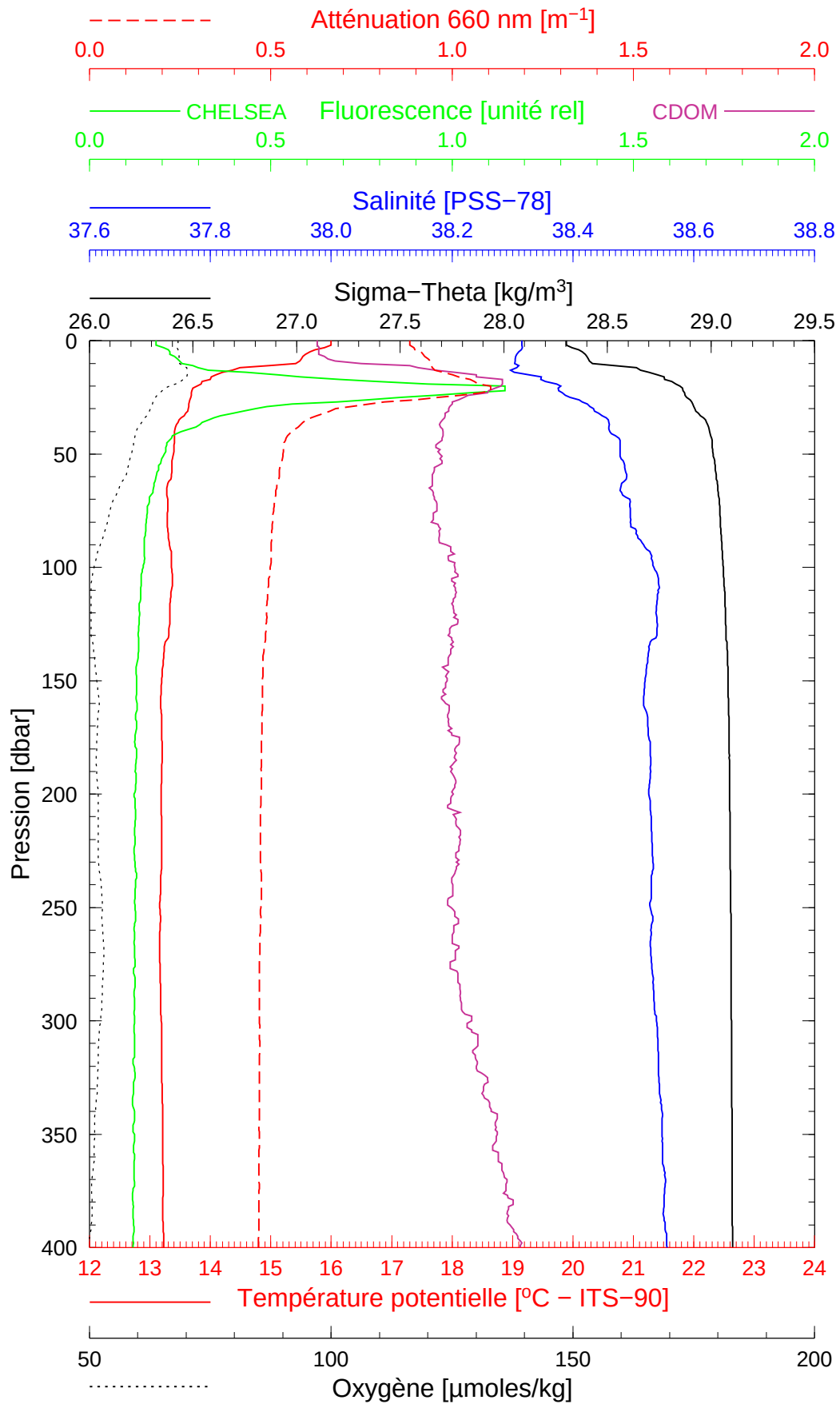


Boussole

01/05/2008

BOUS080501_09

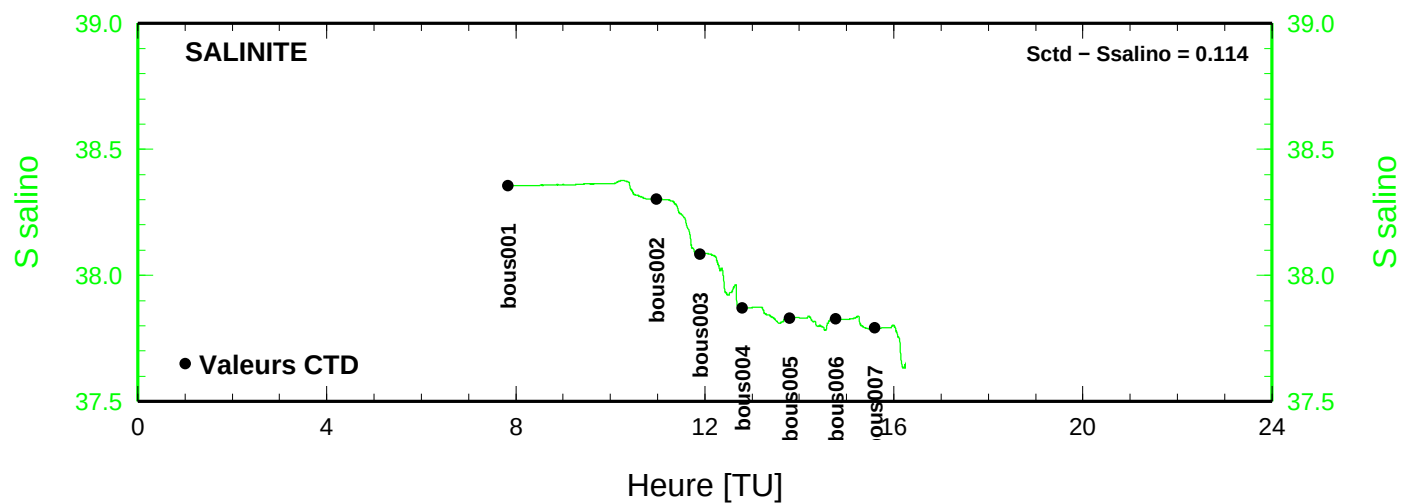
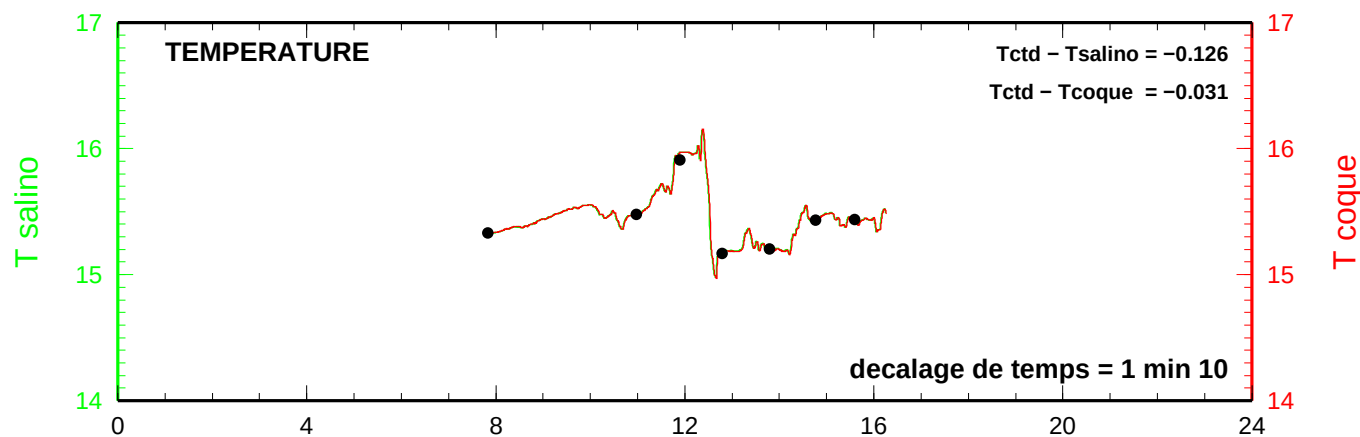
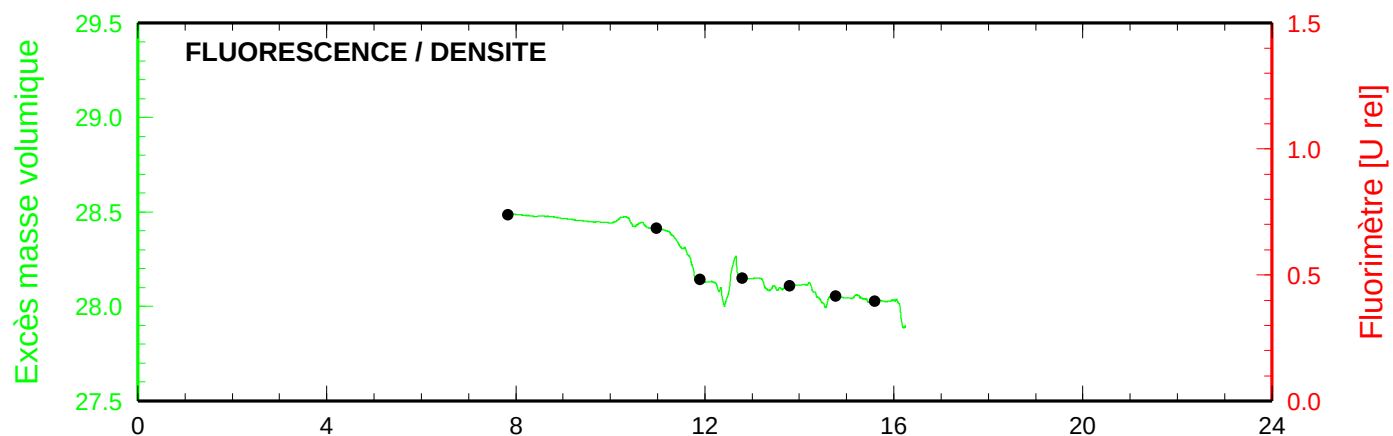
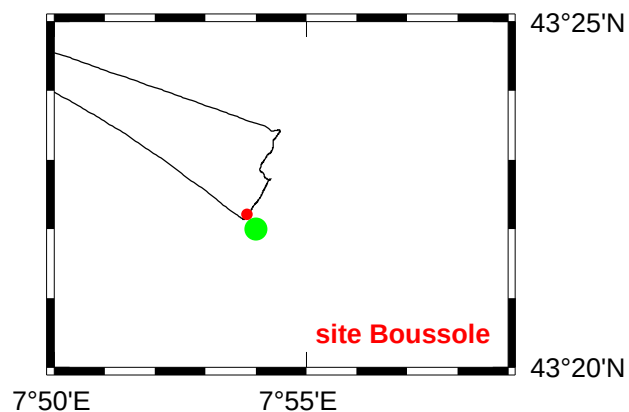
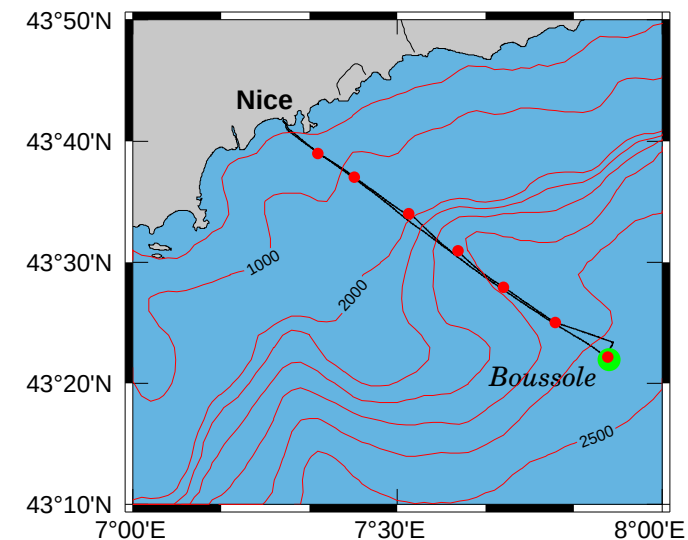
BOUS009



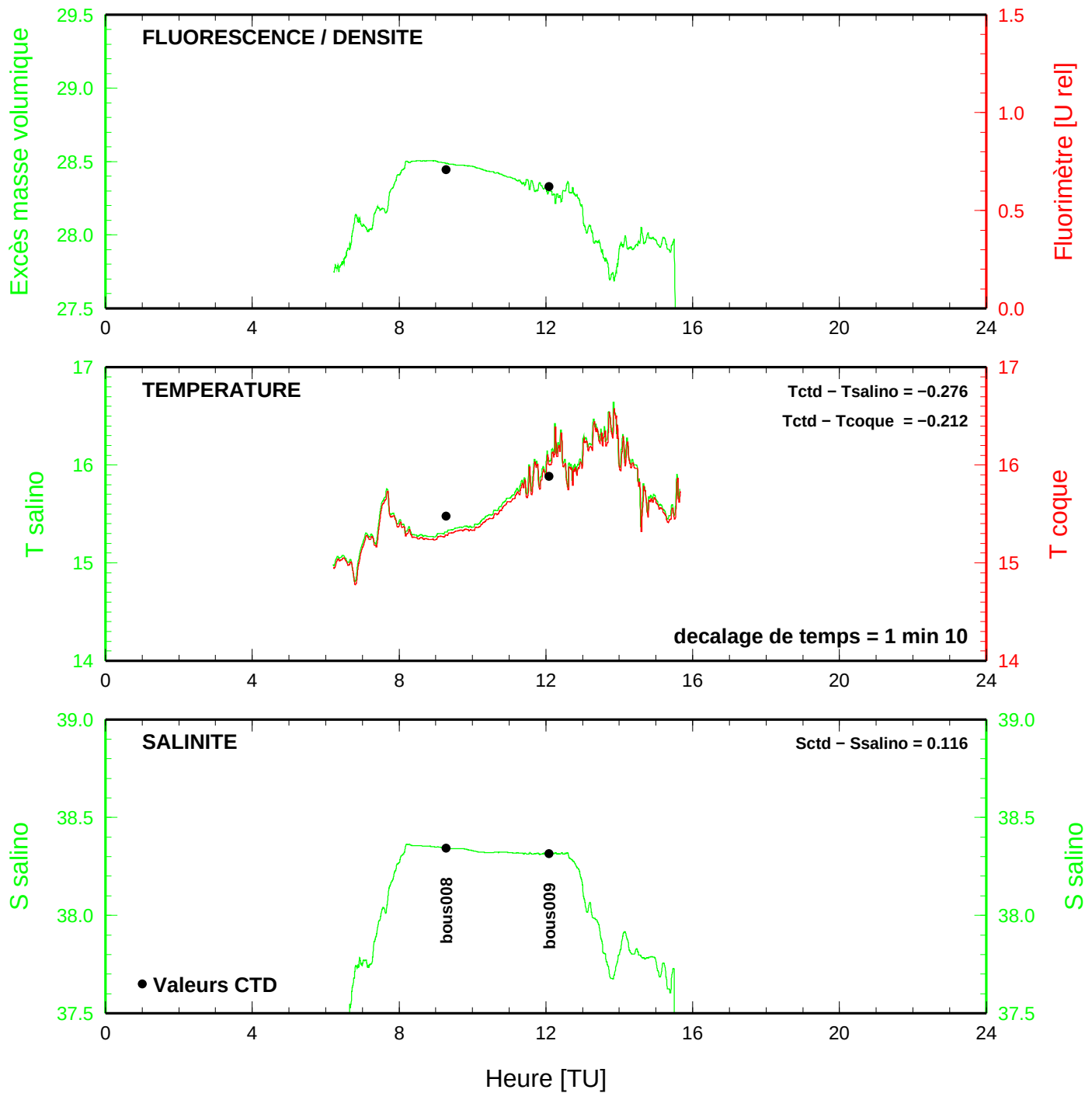
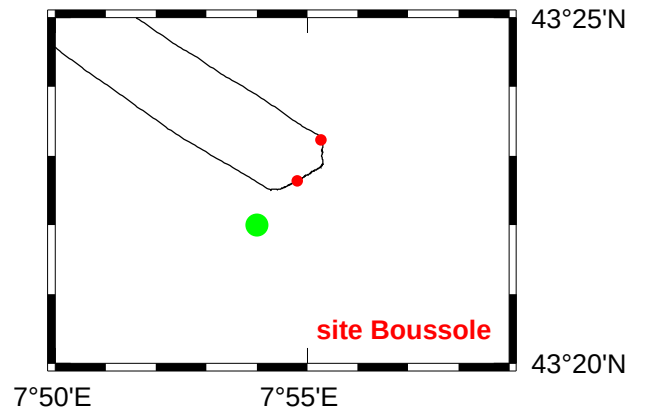
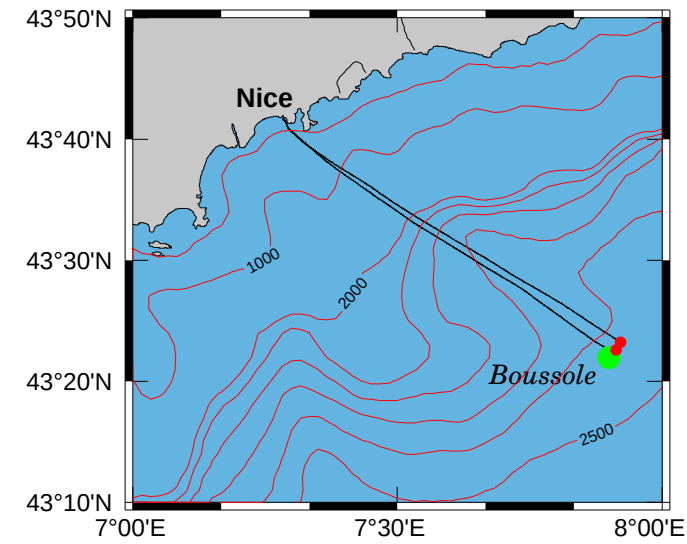
Date 01/05/2008
Heure déb 12h 04min [TU]

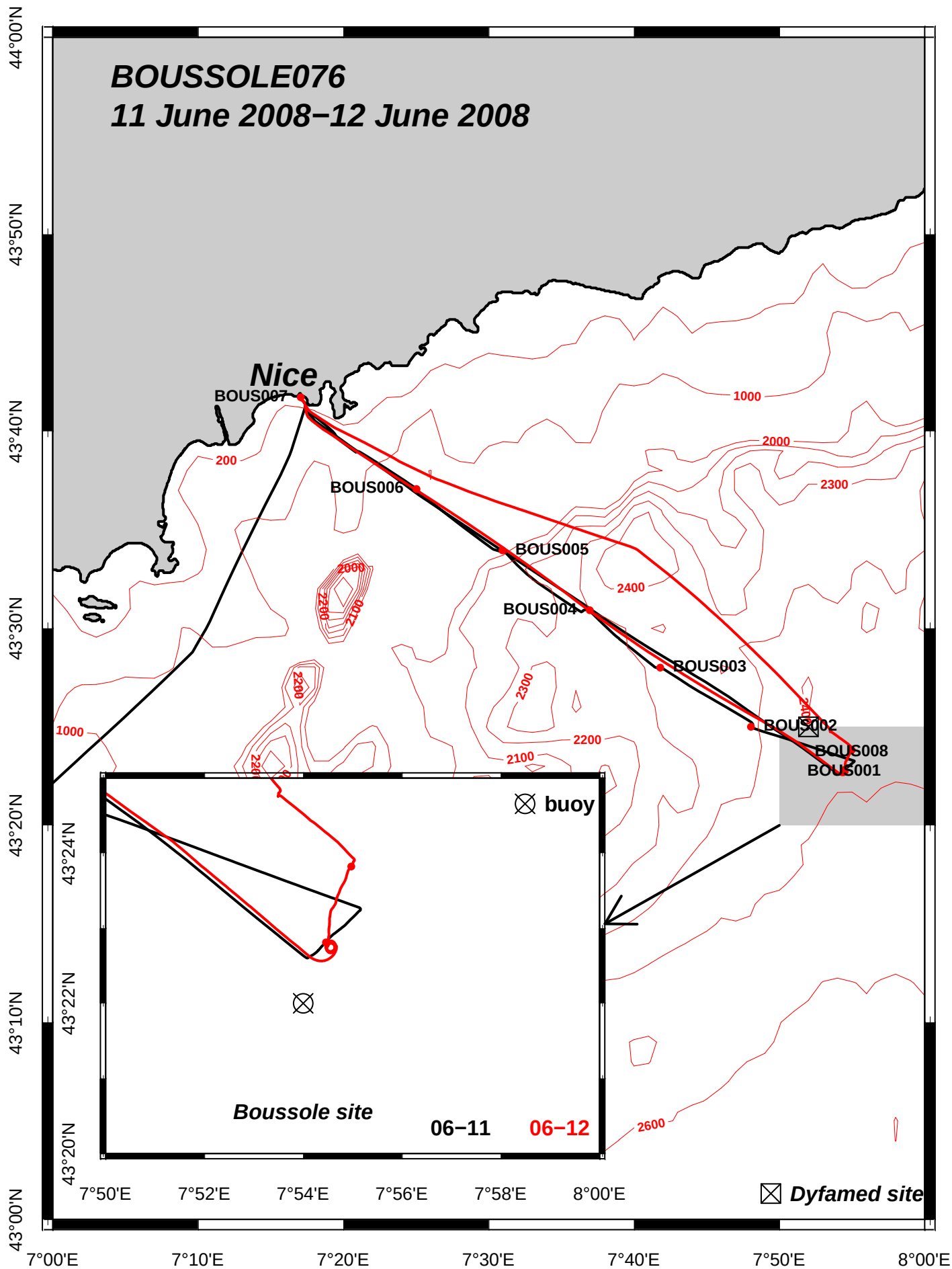
Latitude 43°23.231
Longitude 07°55.266

BOUSSOLE 30 avril 2008



BOUSSOLE 01 mai 2008



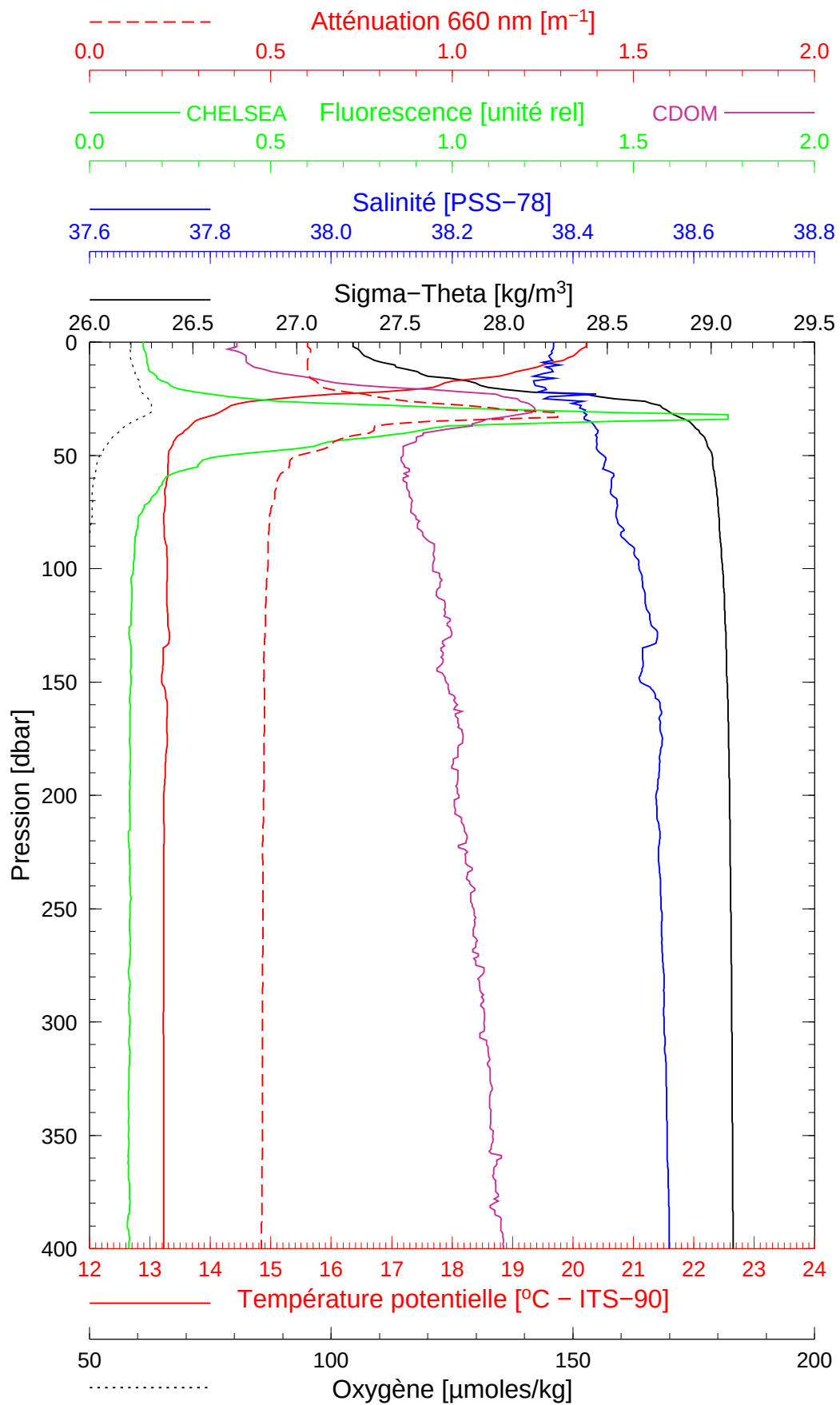


Boussole

11/06/2008

BOUS080611_01

BOUS001



Date 11/06/2008
Heure déb 08h 18min [TU]

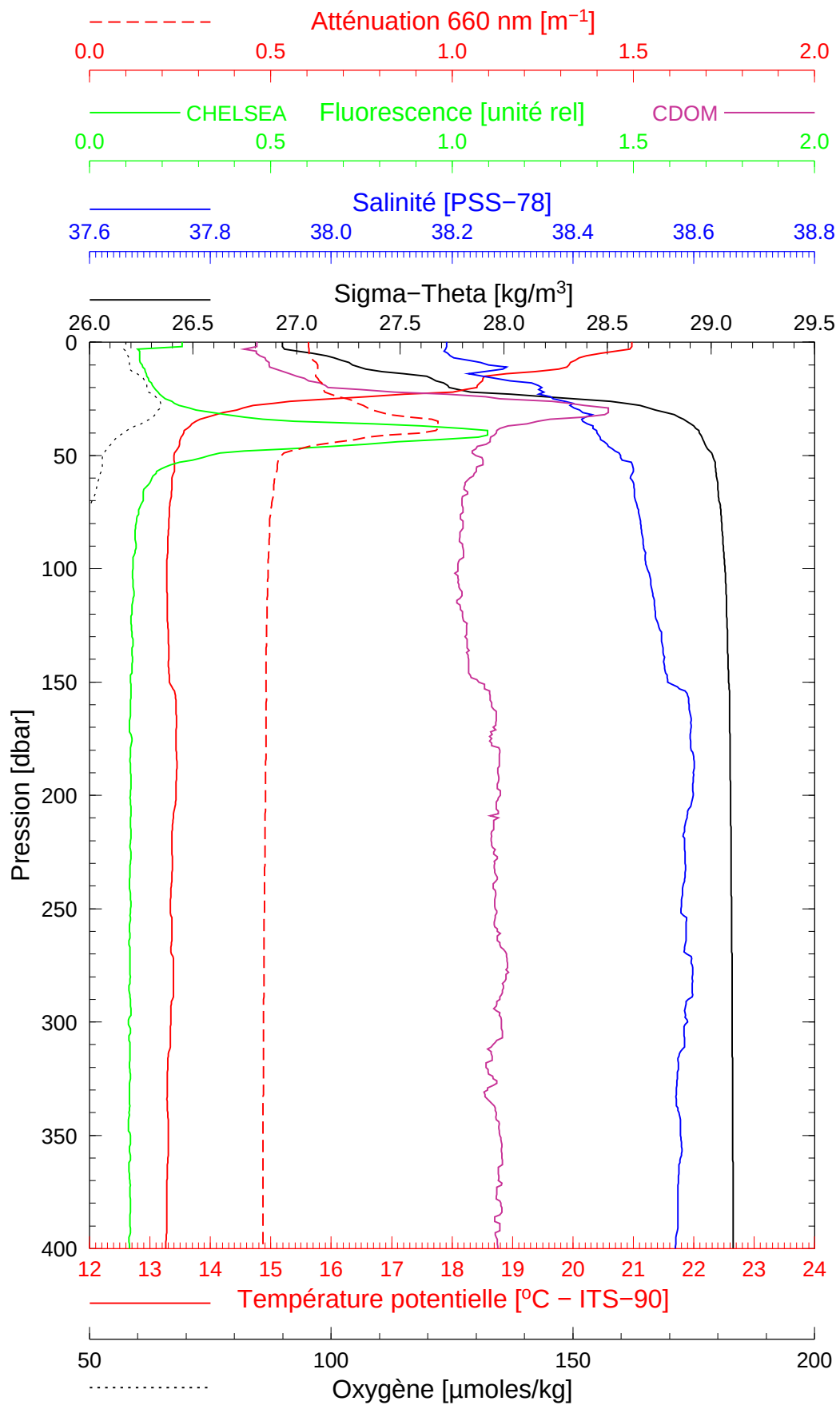
Latitude 43°22.811
Longitude 07°54.460

Boussole

11/06/2008

BOUS080611_02

BOUS002



Date 11/06/2008
Heure déb 09h 55min [TU]

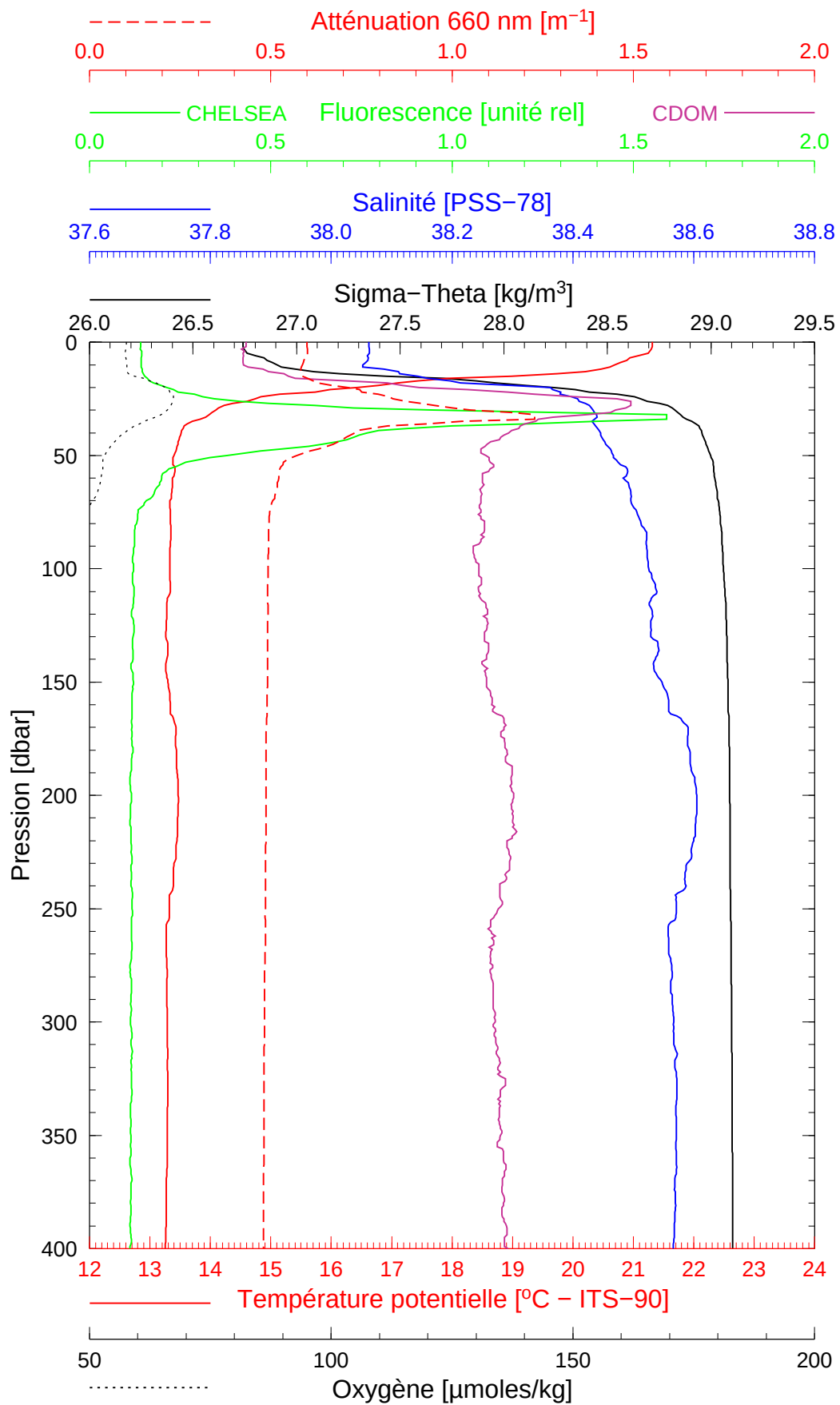
Latitude 43°25.002
Longitude 07°48.044

Boussole

11/06/2008

BOUS080611_03

BOUS003



Date 11/06/2008
Heure déb 10h 55min [TU]

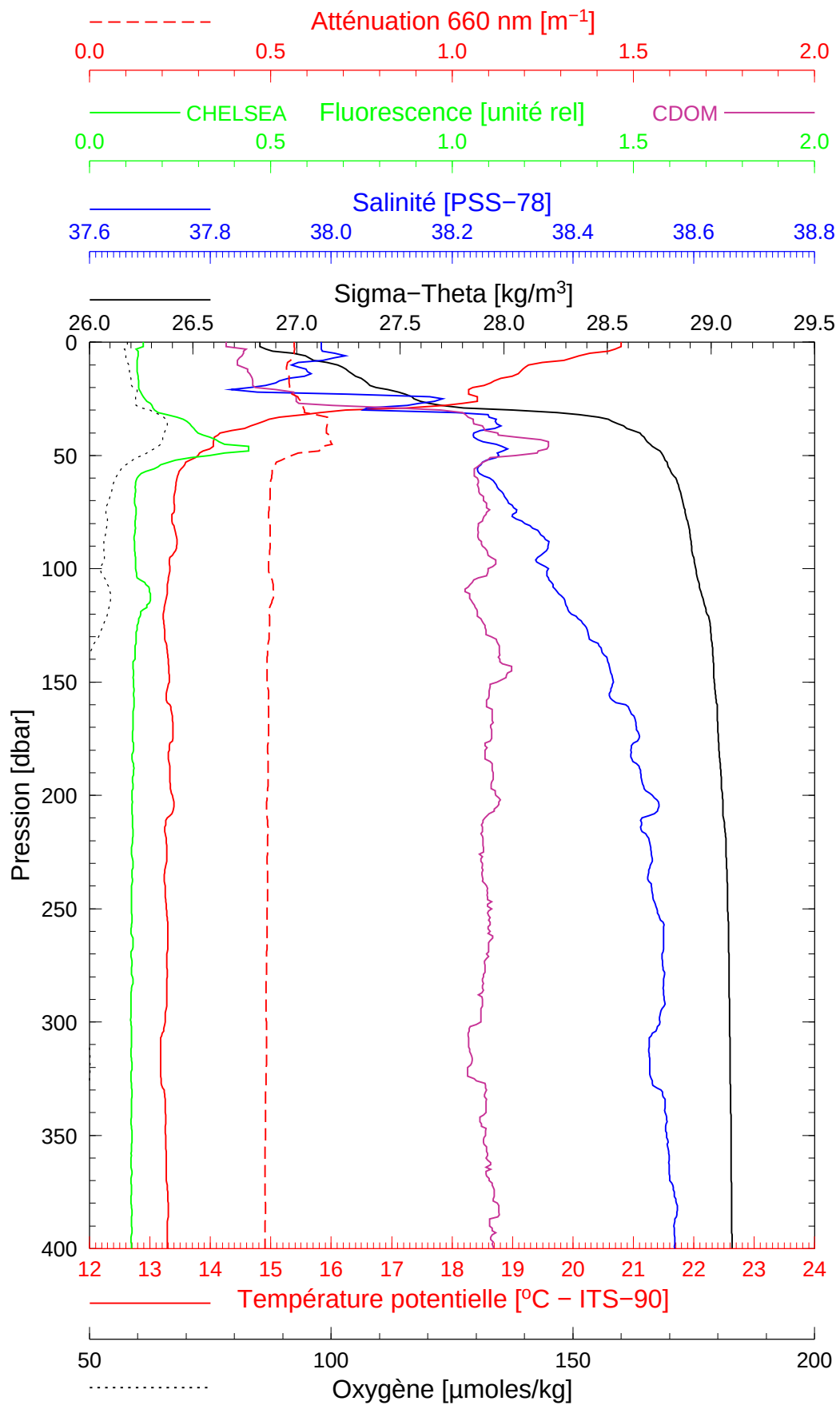
Latitude 43°28.005
Longitude 07°41.803

Boussole

11/06/2008

BOUS080611_04

BOUS004



Date 11/06/2008
Heure déb 11h 58min [TU]

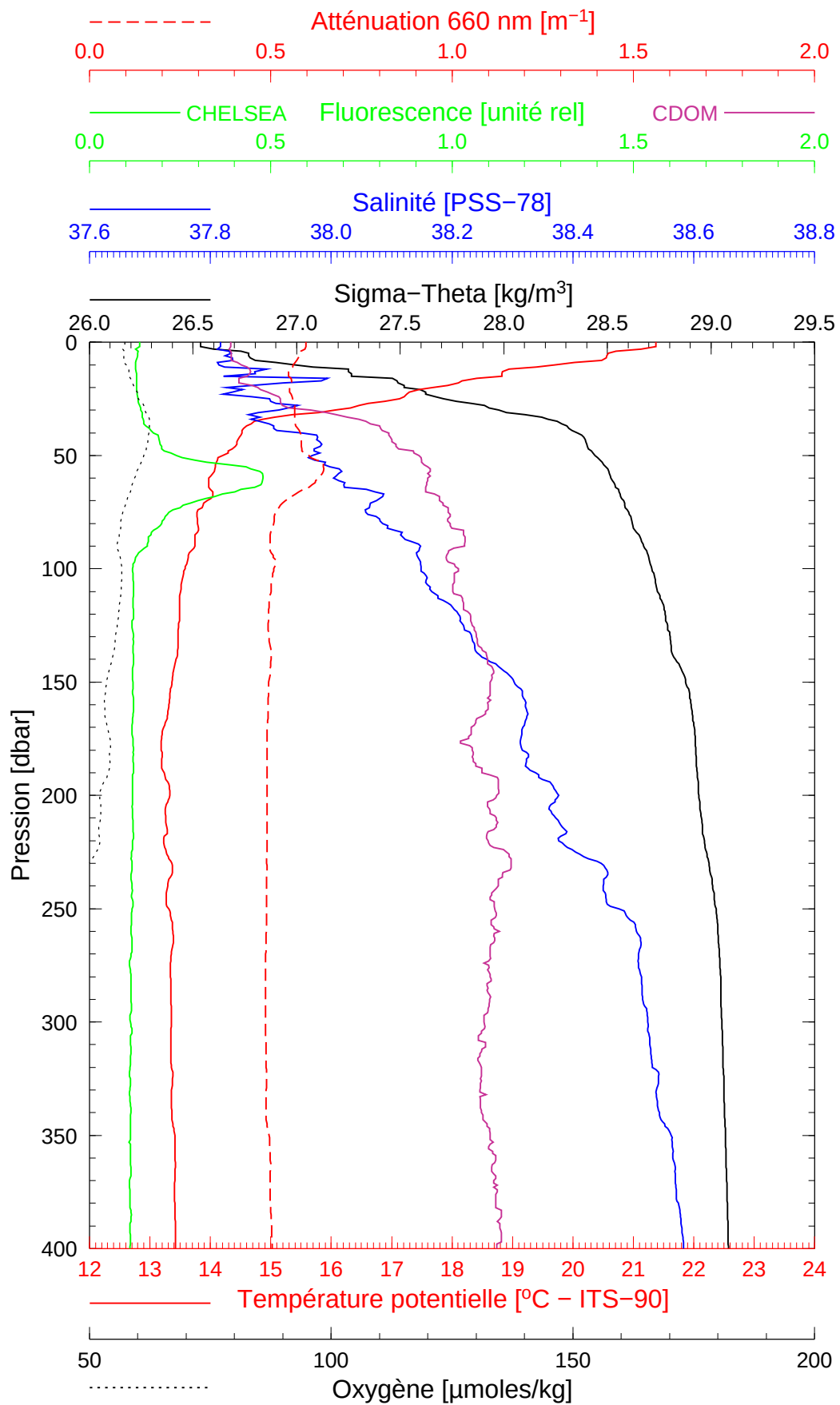
Latitude 43°30.918
Longitude 07°36.955

Boussole

11/06/2008

BOUS080611_05

BOUS005



Date 11/06/2008
Heure déb 12h 55min [TU]

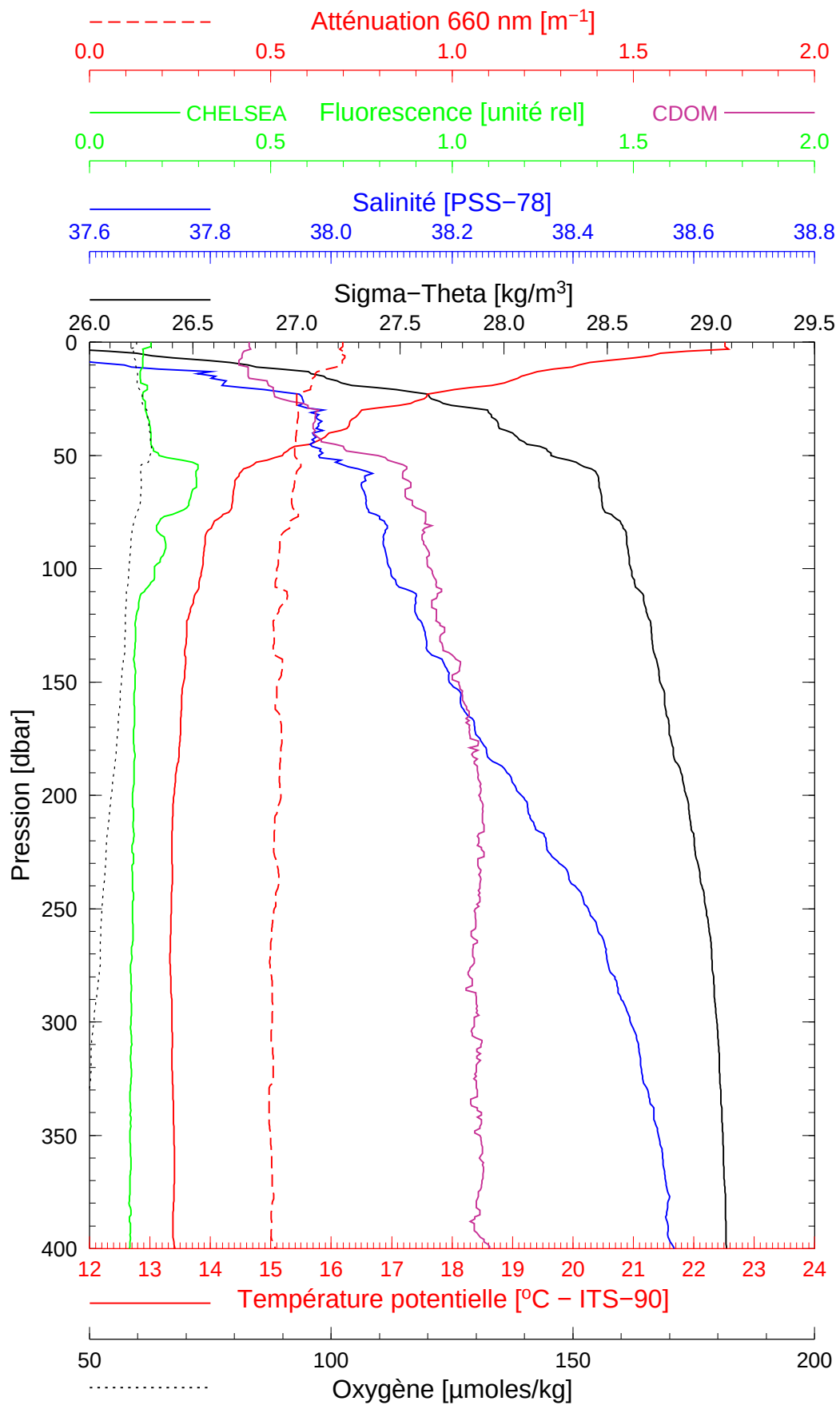
Latitude 43°33.956
Longitude 07°30.947

Boussole

11/06/2008

BOUS080611_06

BOUS006



Date 11/06/2008
Heure déb 13h 51min [TU]

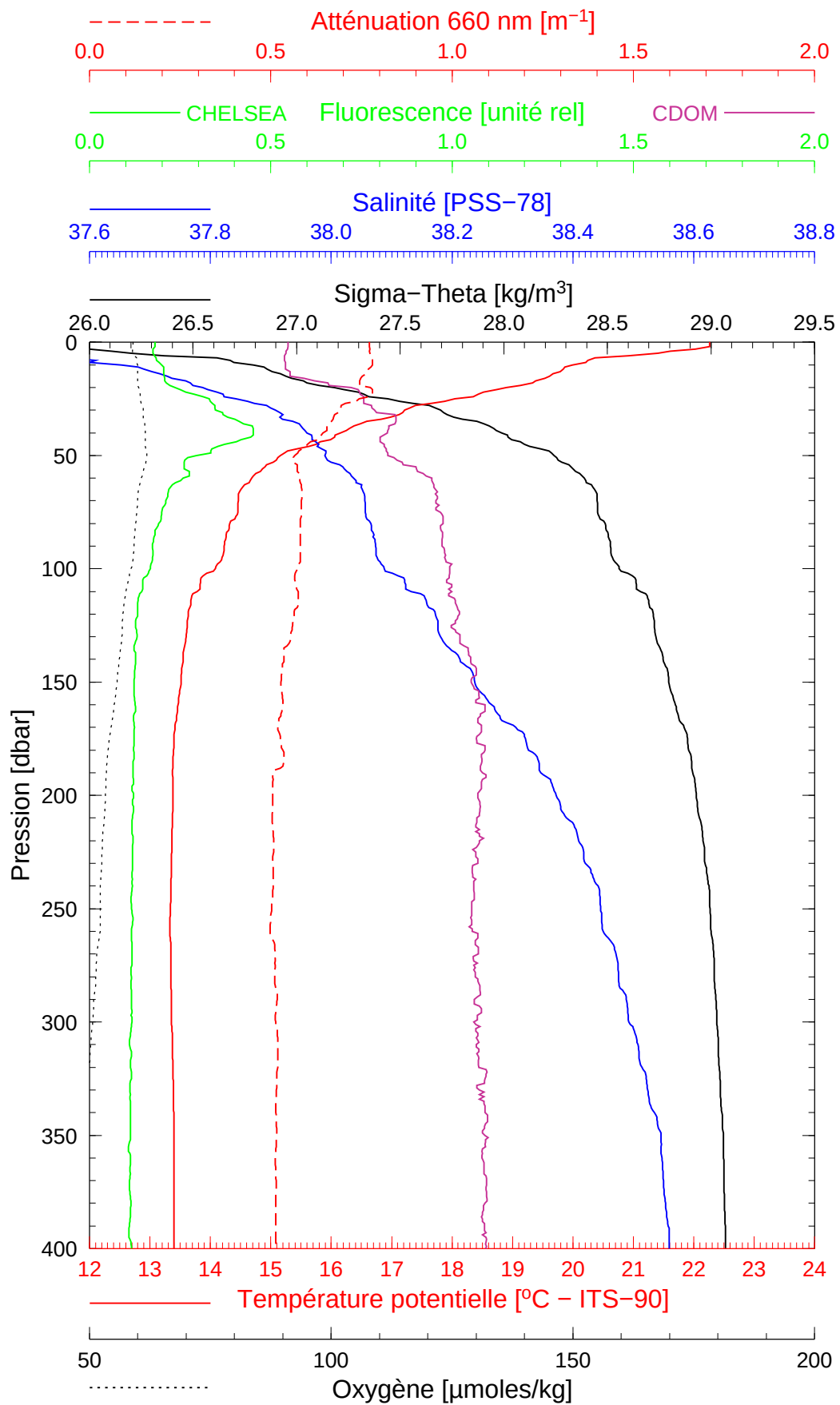
Latitude 43°37.070
Longitude 07°25.031

Boussole

11/06/2008

BOUS080611_07

BOUS007



Date 11/06/2008
Heure déb 14h 39min [TU]

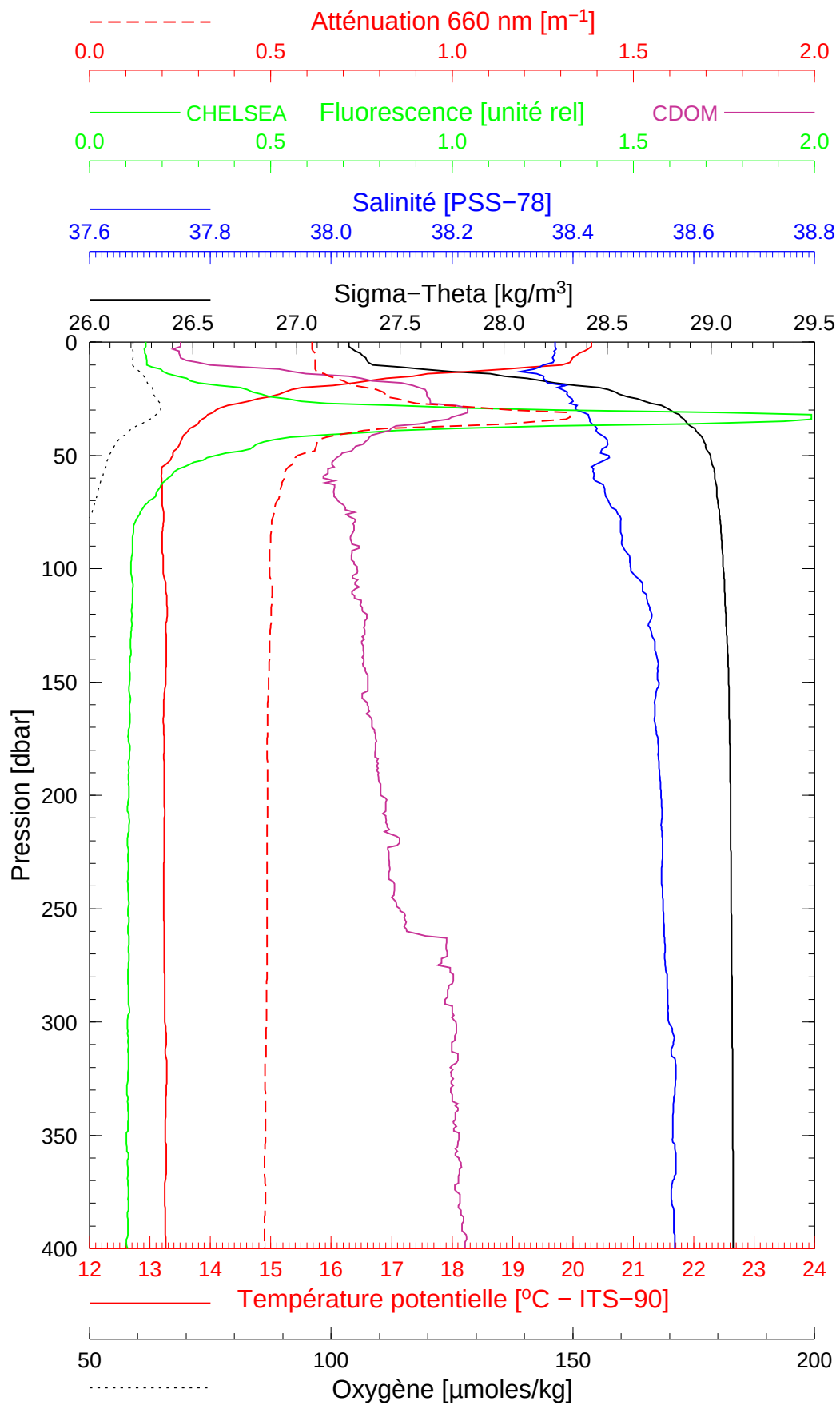
Latitude 43°41.728
Longitude 07°17.068

Boussole

12/06/2008

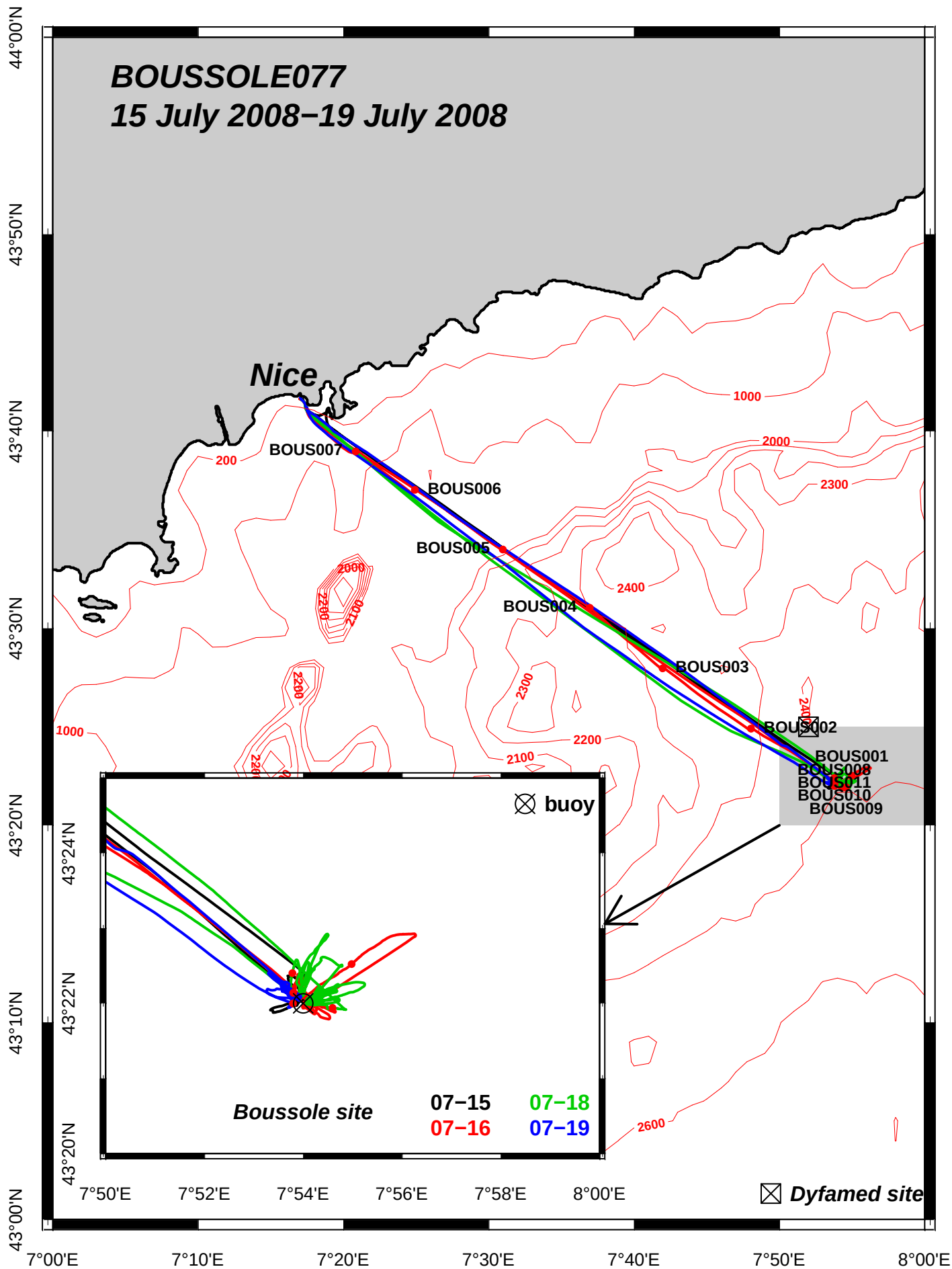
BOUS080612_08

BOUS008



Date 12/06/2008
Heure déb 10h 33min [TU]

Latitude 43°23.822
Longitude 07°54.973

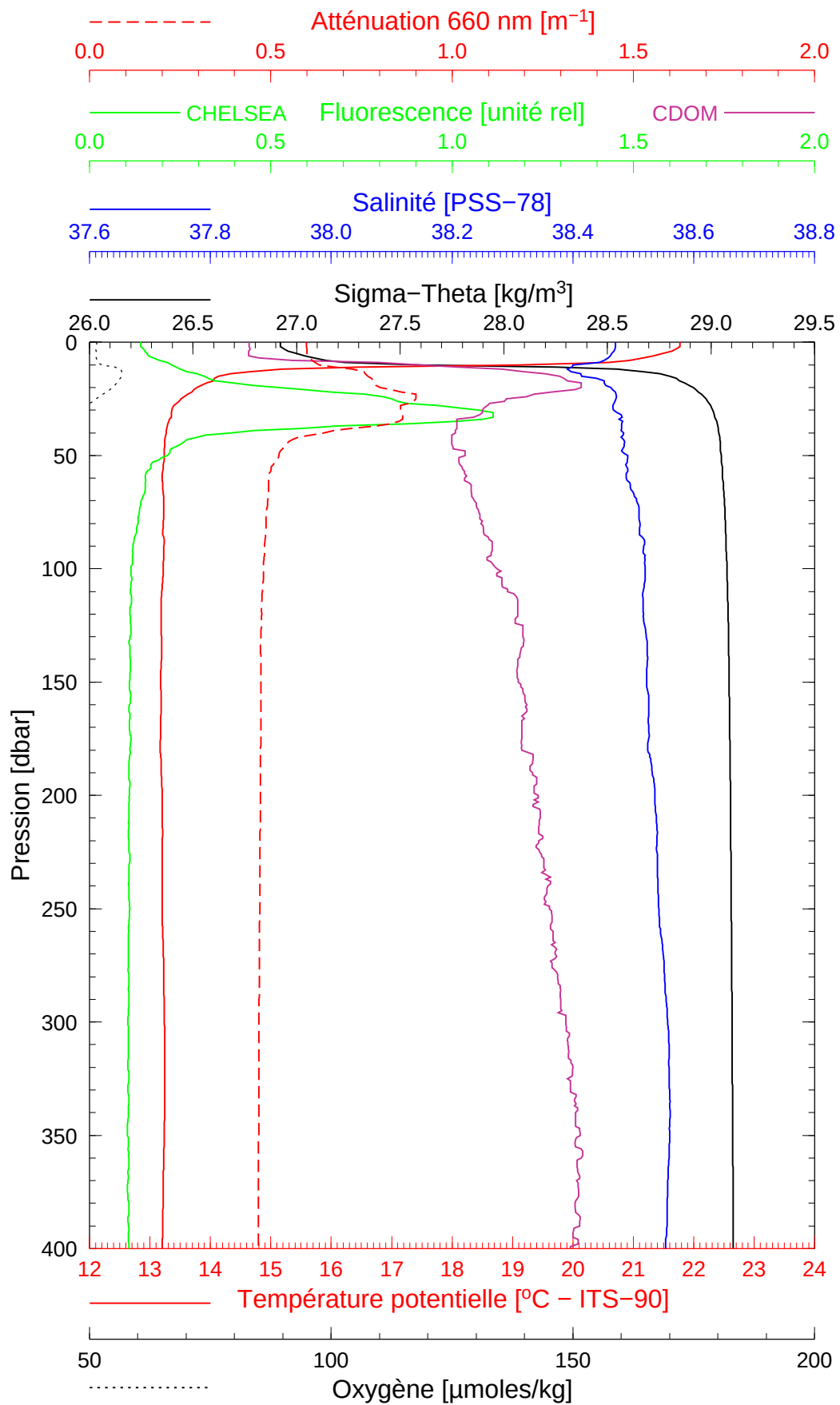


Boussole

16/07/2008

BOUS080716_01

BOUS001



Date 16/07/2008
Heure déb 09h 32min [TU]

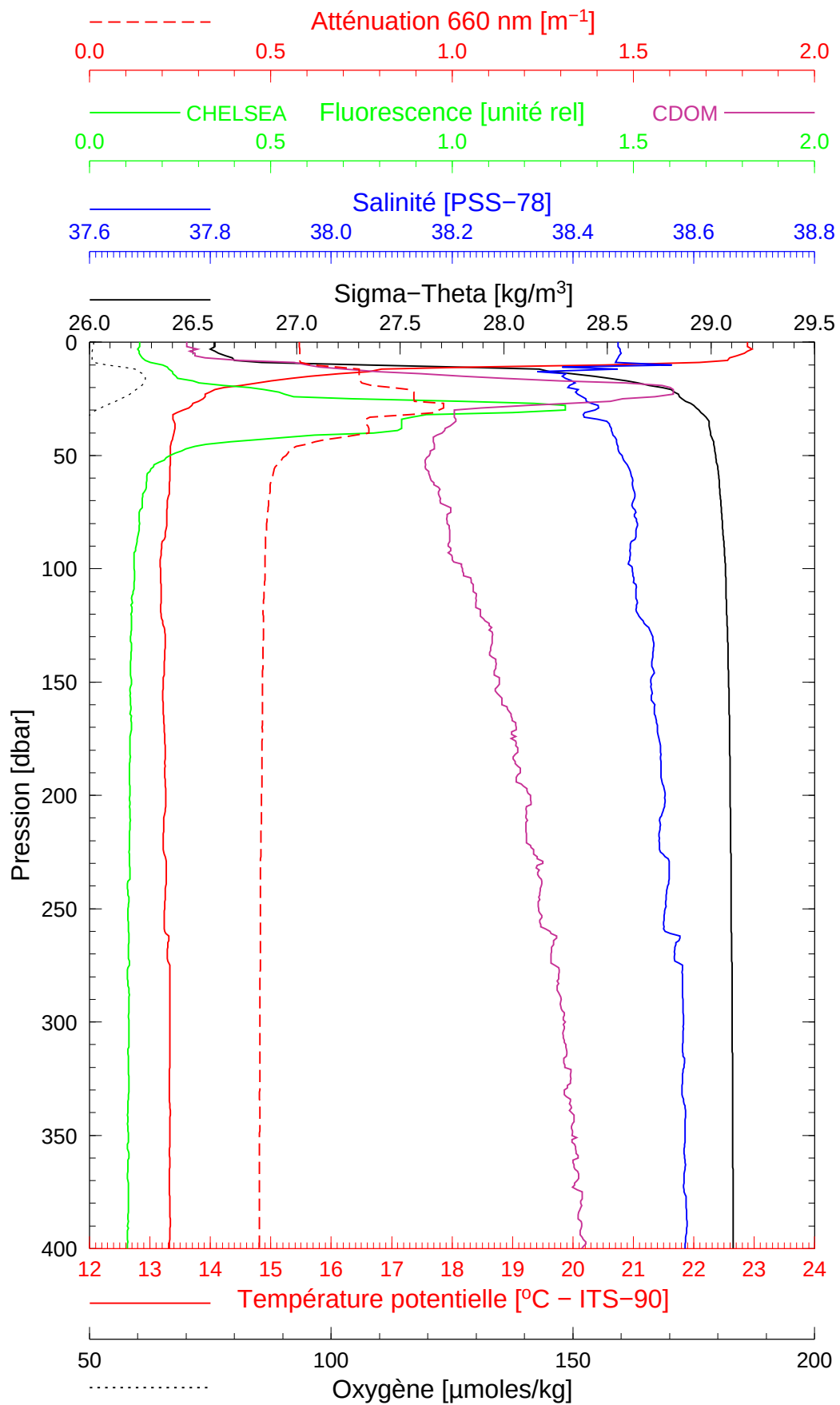
Latitude 43°22.523
Longitude 07°54.980

Boussole

16/07/2008

BOUS080716_02

BOUS002



Date 16/07/2008
Heure déb 14h 25min [TU]

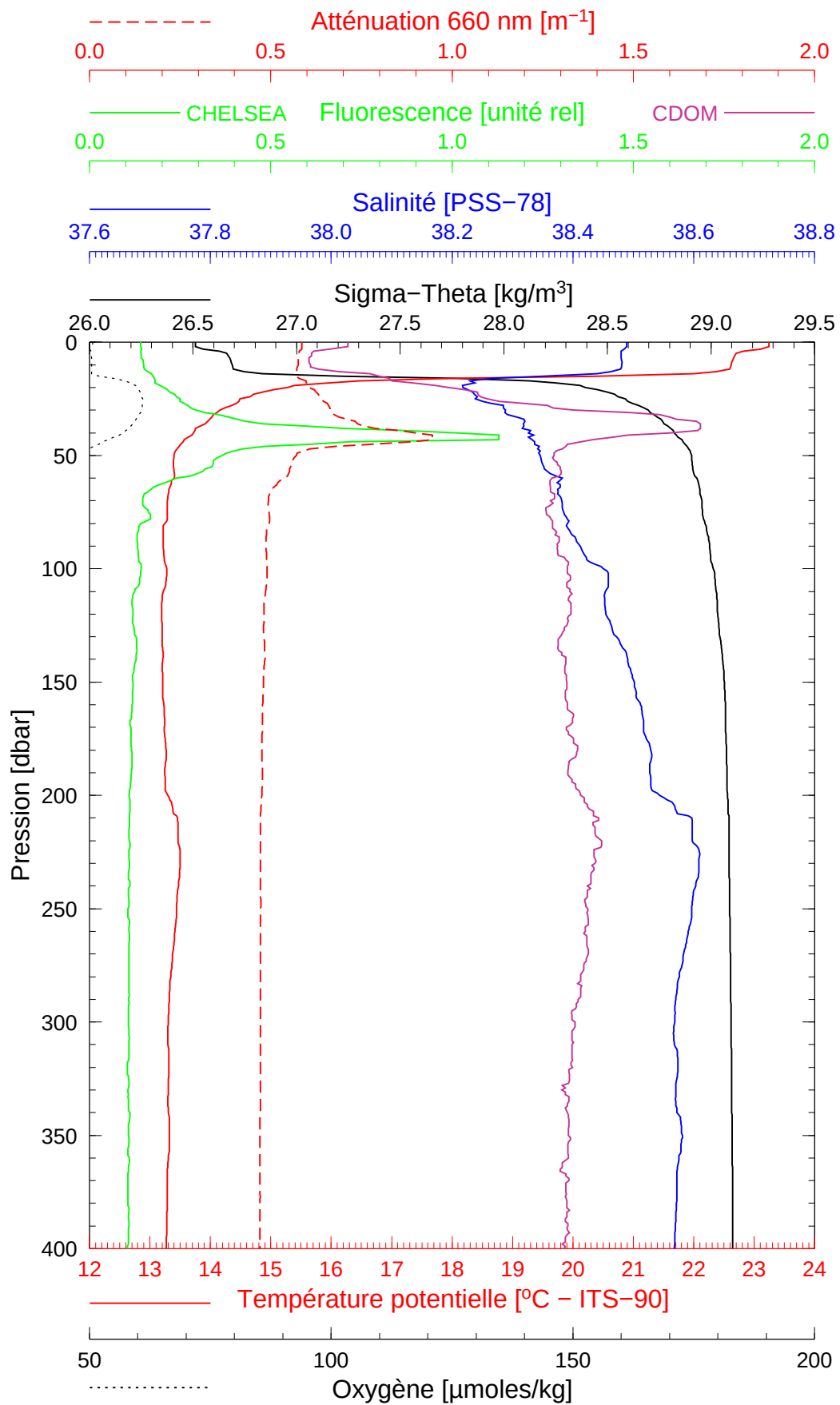
Latitude 43°24.913
Longitude 07°48.043

Boussole

16/07/2008

BOUS080716_03

BOUS003



Date 16/07/2008
Heure déb 15h 33min [TU]

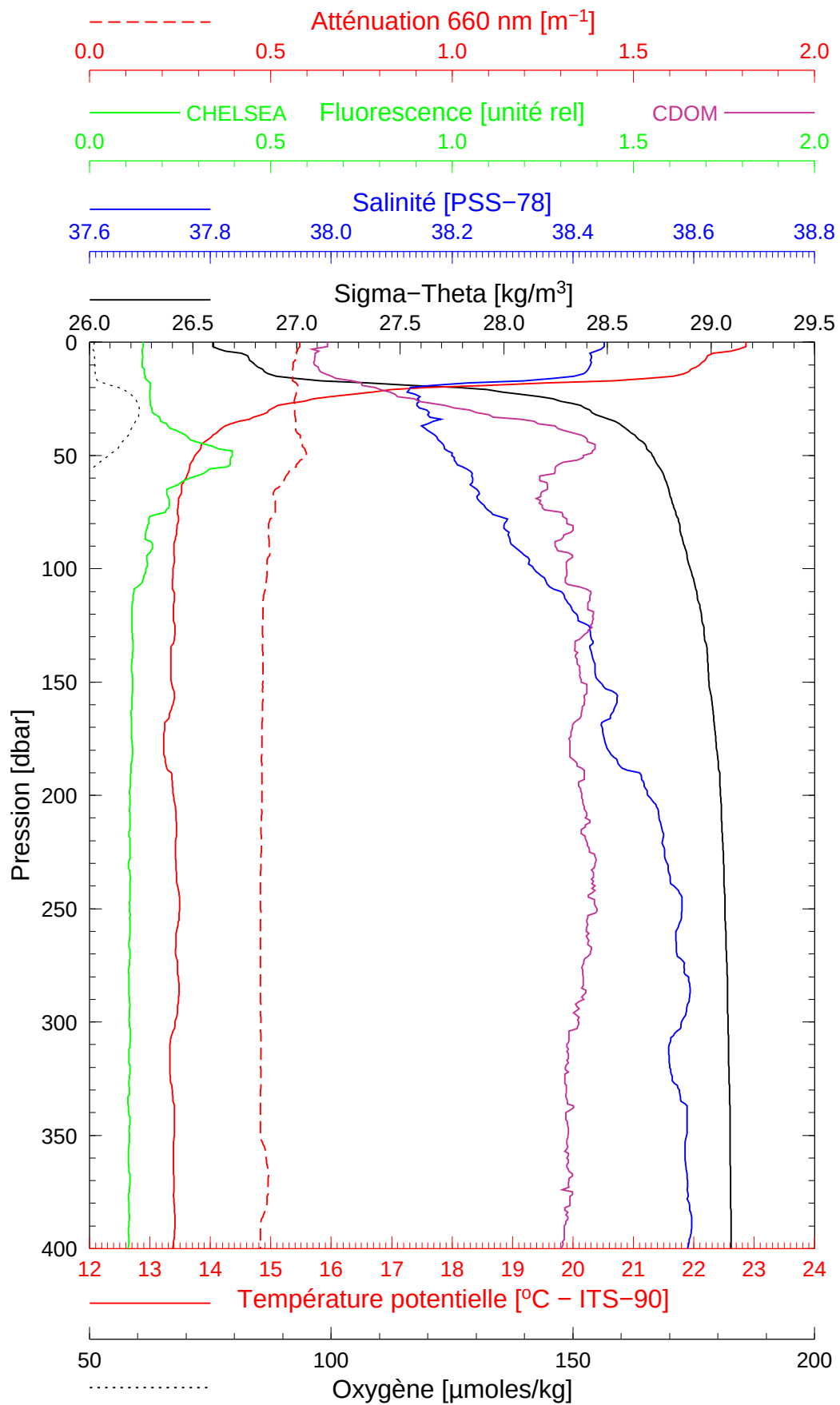
Latitude $43^{\circ}27.969$
Longitude $07^{\circ}41.969$

Boussole

16/07/2008

BOUS080716_04

BOUS004



Date 16/07/2008
Heure déb 16h 31min [TU]

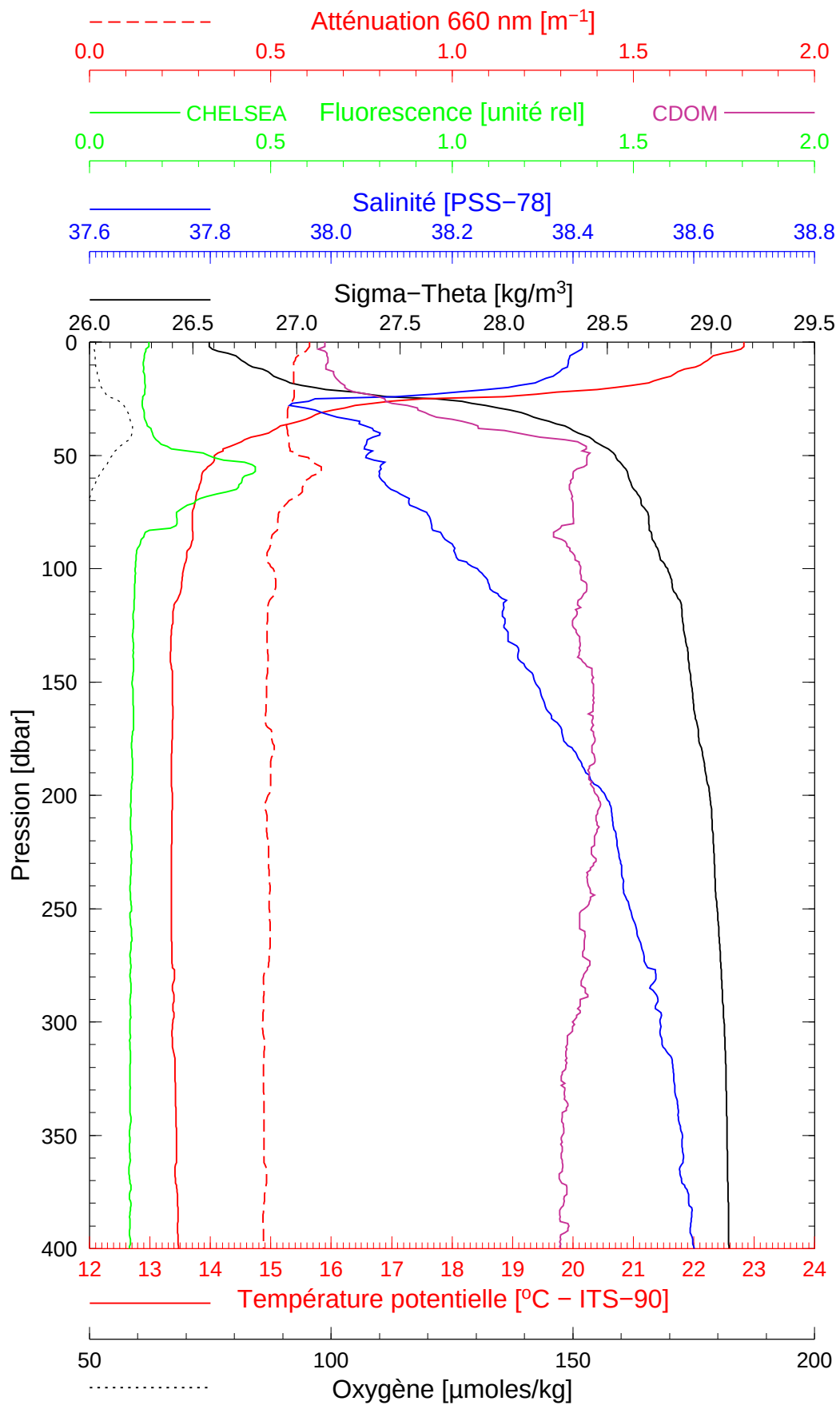
Latitude 43°31.040
Longitude 07°36.955

Boussole

16/07/2008

BOUS080716_05

BOUS005



Date 16/07/2008
Heure déb 17h 31min [TUJ]

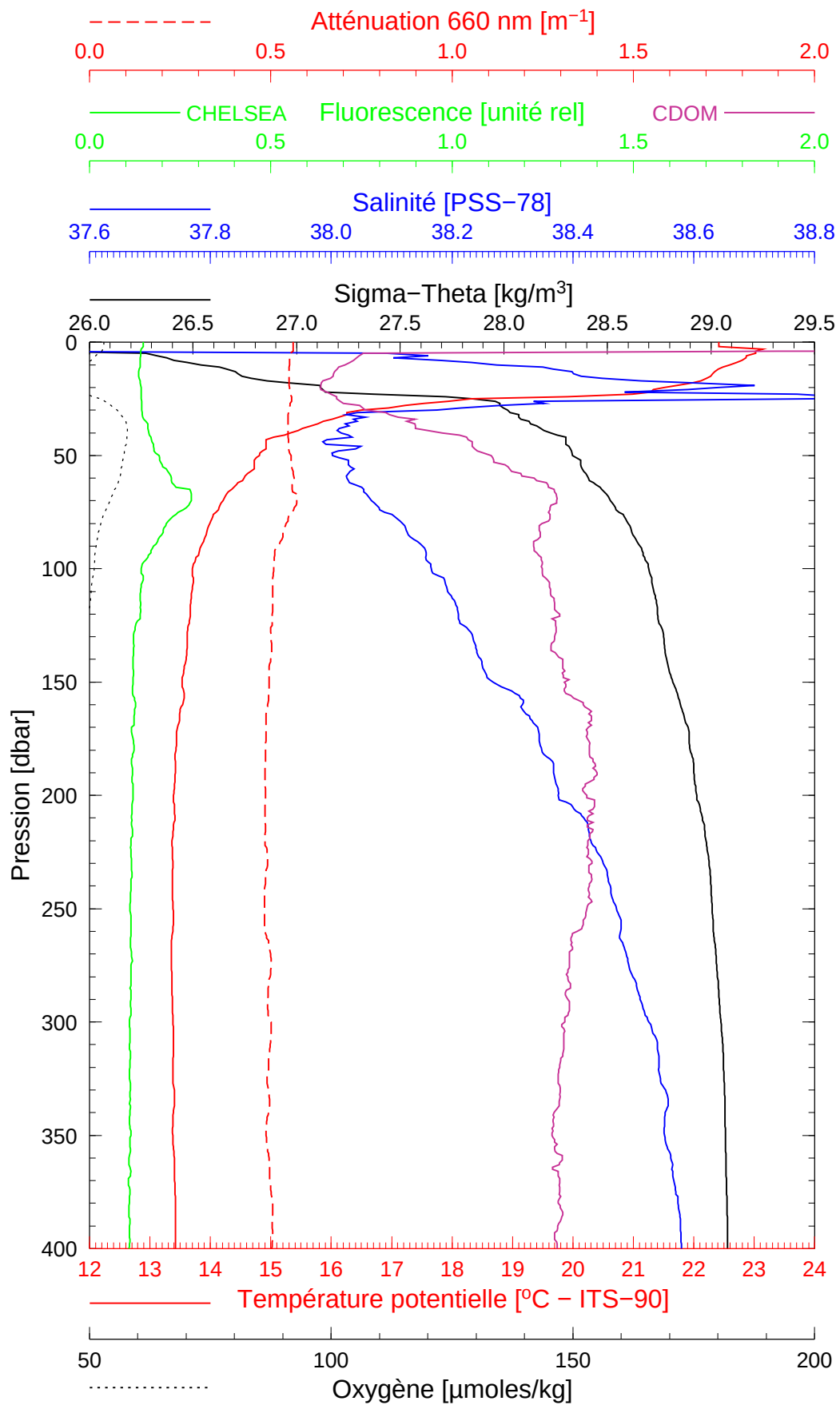
Latitude 43°34.001
Longitude 07°30.971

Boussole

16/07/2008

BOUS080716_06

BOUS006



Date 16/07/2008
Heure déb 18h 30min [TU]

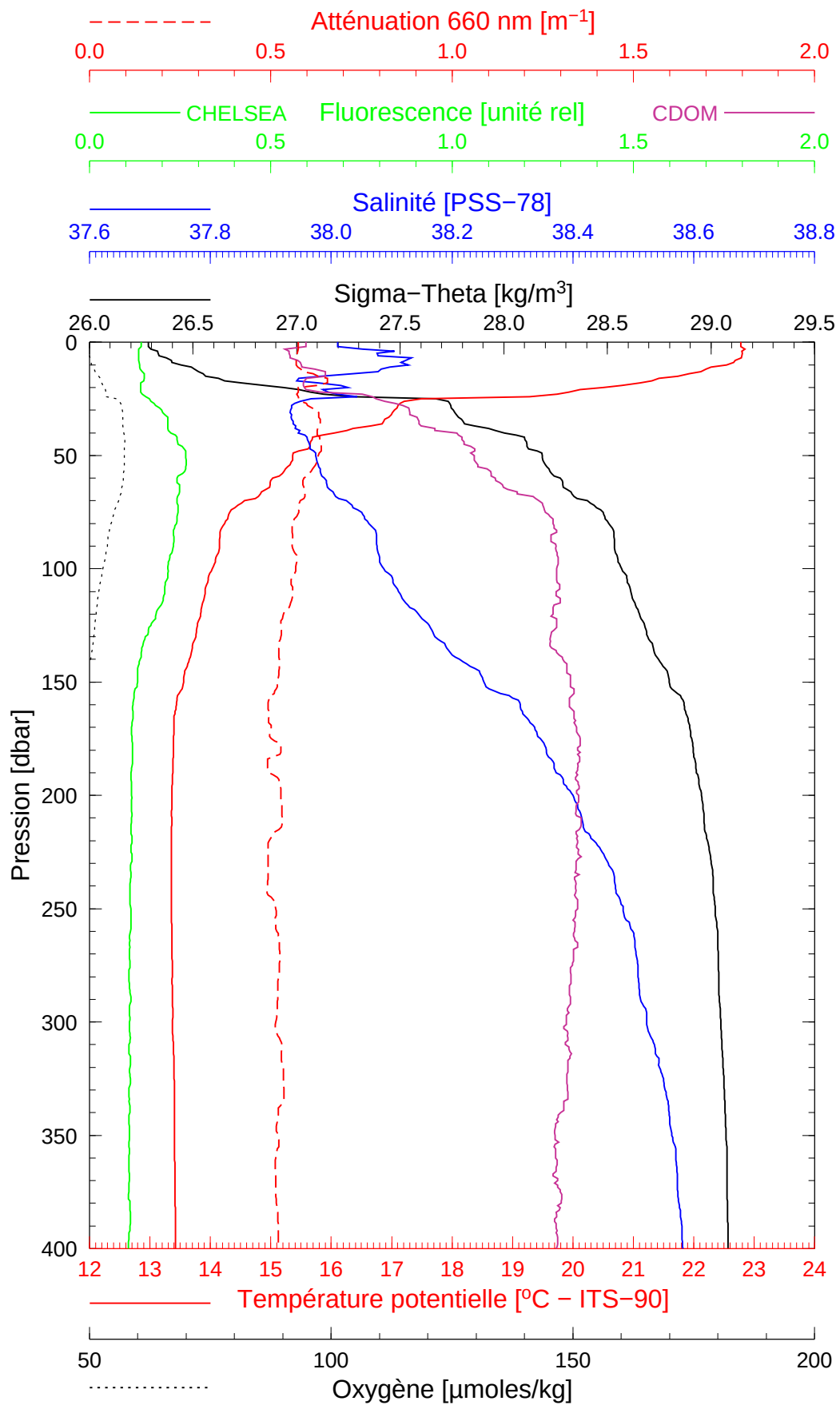
Latitude 43°37.027
Longitude 07°24.923

Boussole

16/07/2008

BOUS080716_07

BOUS007



Date 16/07/2008
Heure déb 19h 21min [TU]

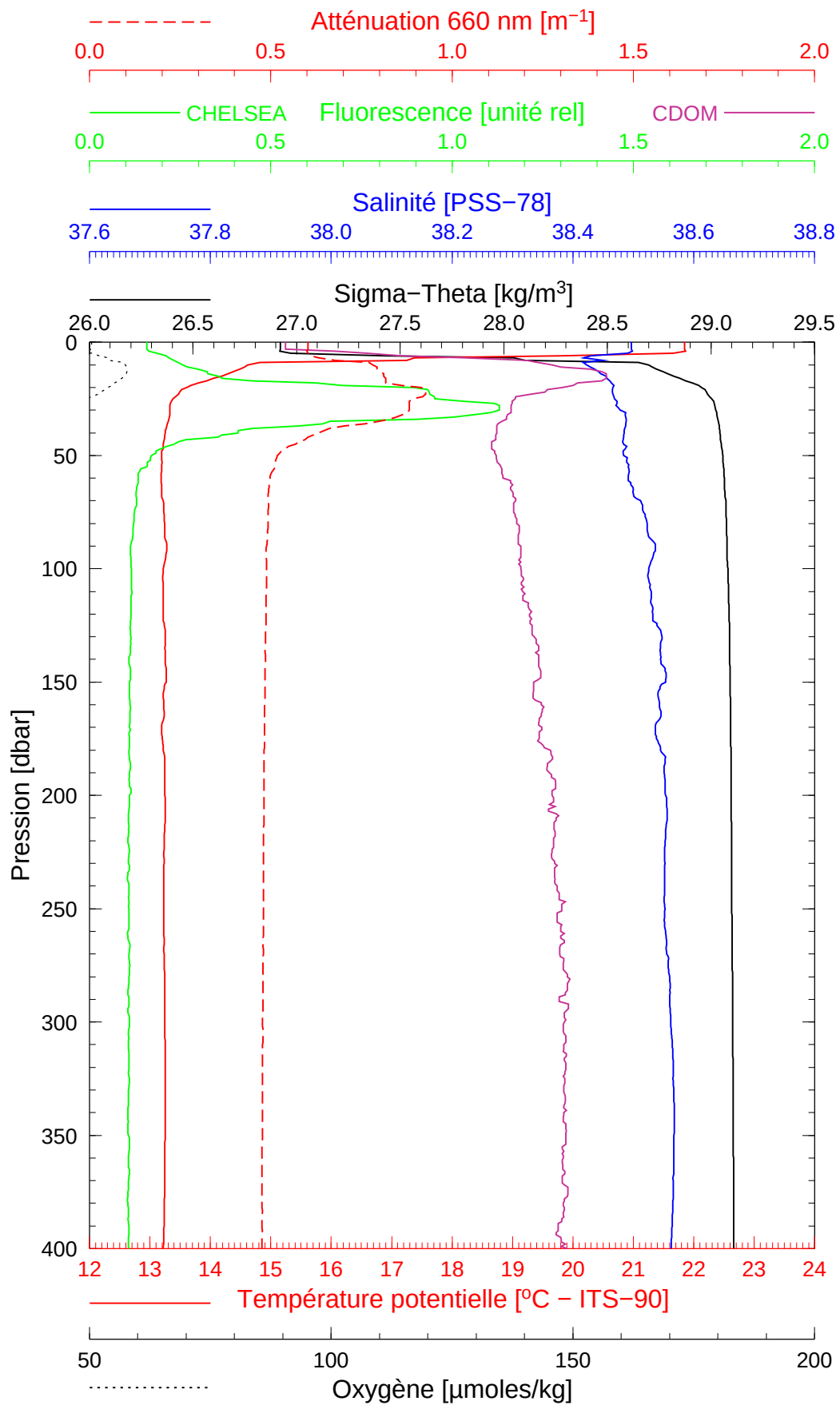
Latitude 43°38.976
Longitude 07°20.847

Boussole

18/07/2008

BOUS080718_08

BOUS008



Date 18/07/2008
Heure déb 08h 33min [TU]

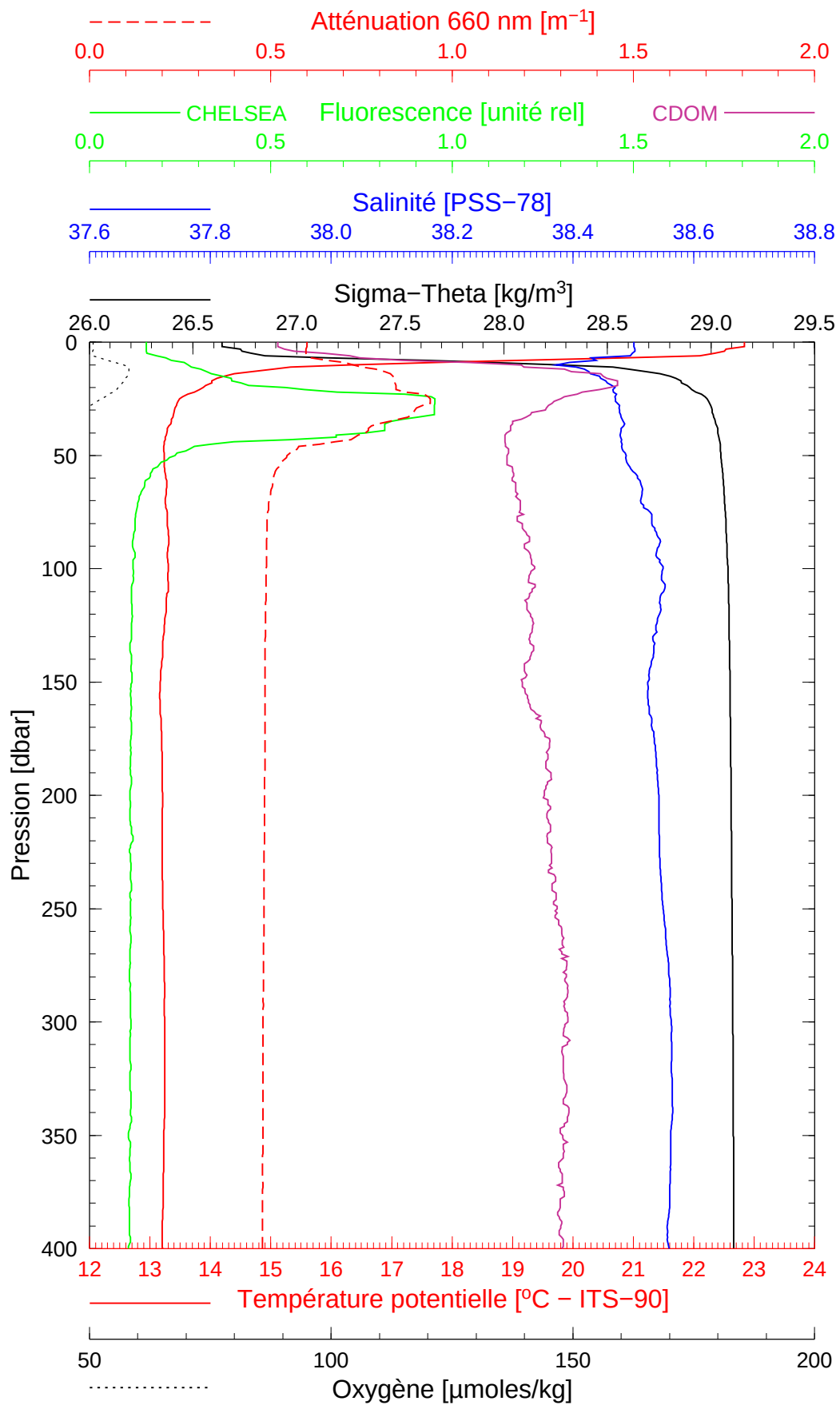
Latitude 43°22.402
Longitude 07°53.781

Boussole

18/07/2008

BOUS080718_09

BOUS009



Date 18/07/2008
Heure déb 15h 08min [TU]

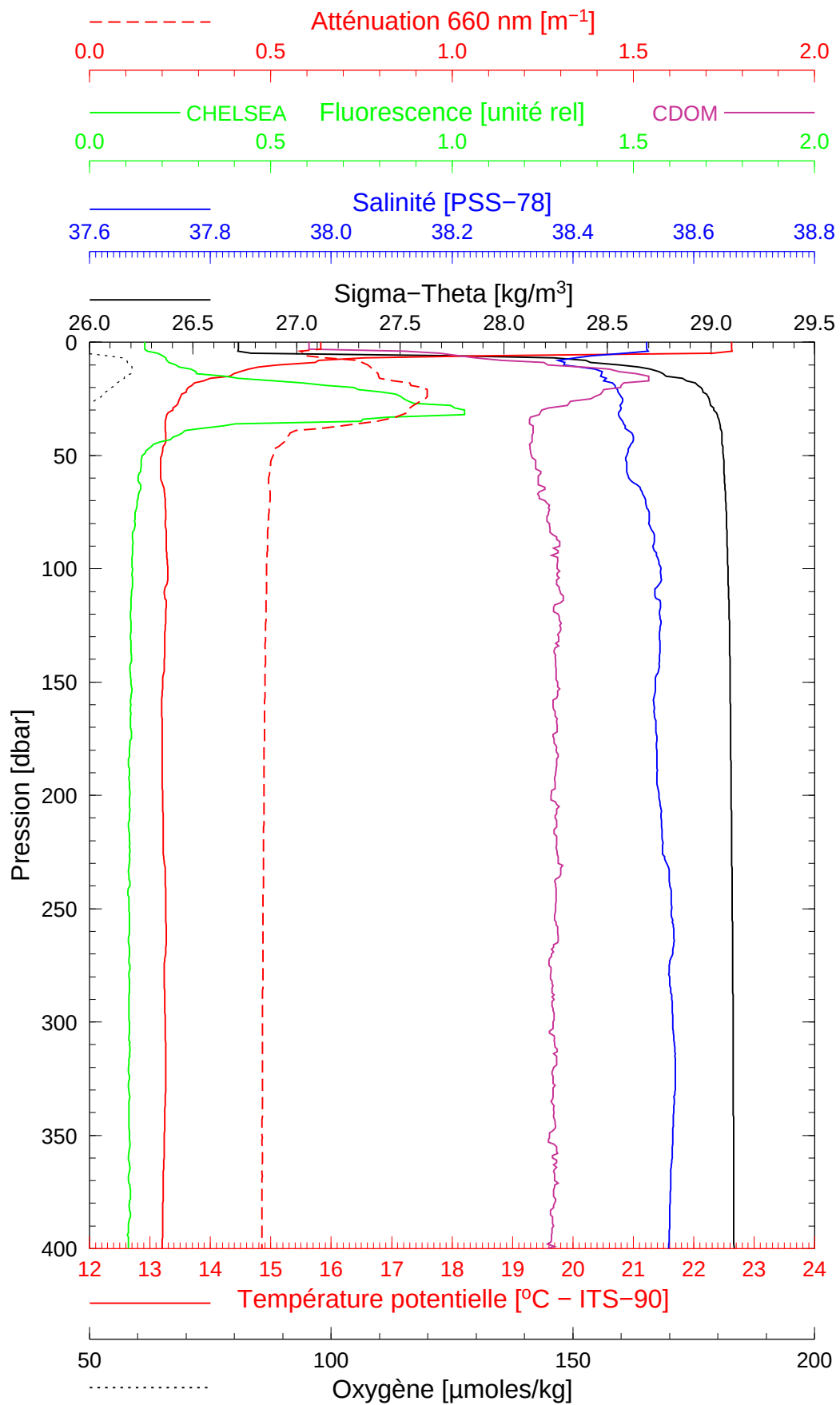
Latitude 43°21.939
Longitude 07°54.594

Boussole

19/07/2008

BOUS080719_10

BOUS010



Date 19/07/2008
Heure déb 08h 11min [TU]

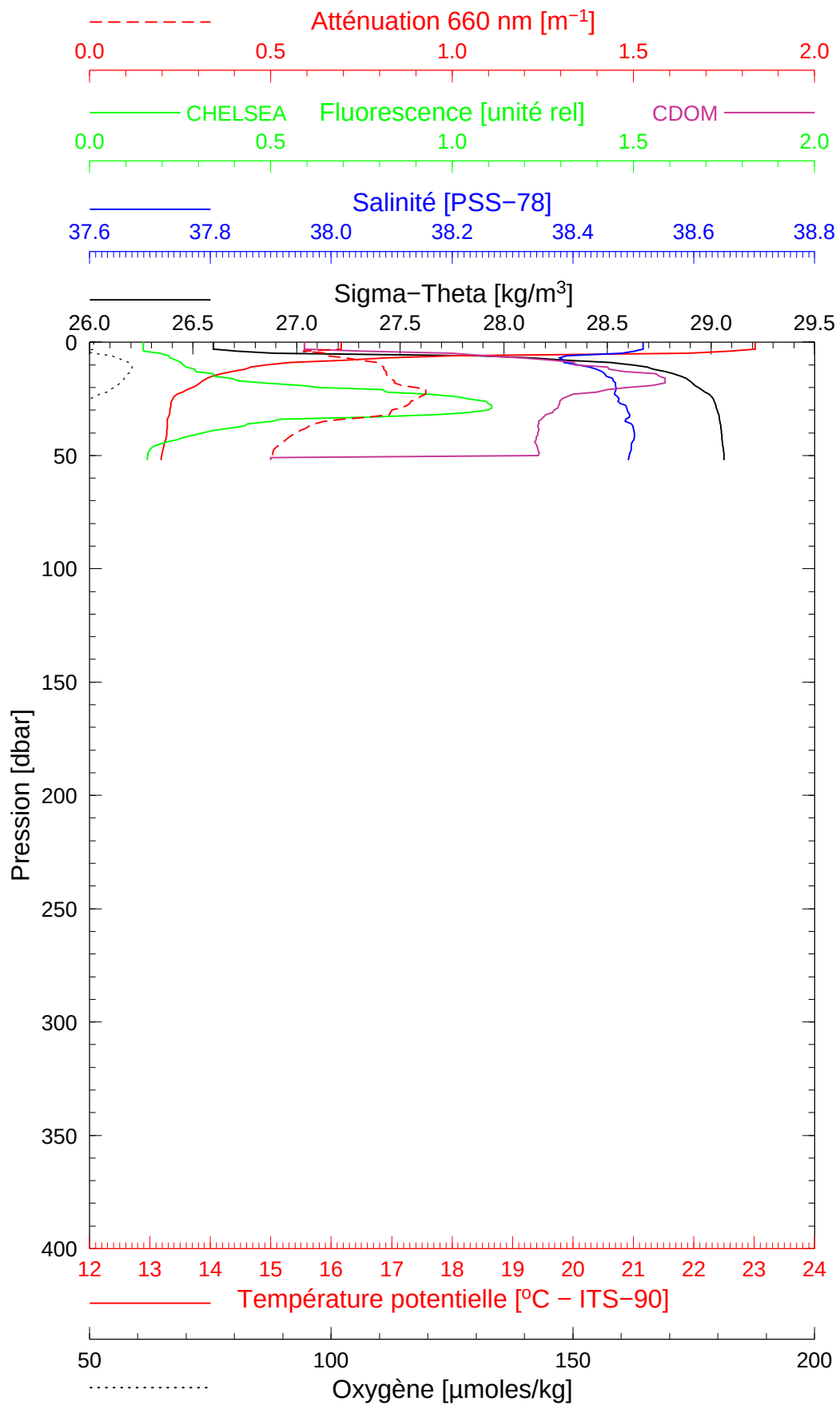
Latitude 43°21.998
Longitude 07°53.794

Boussole

19/07/2008

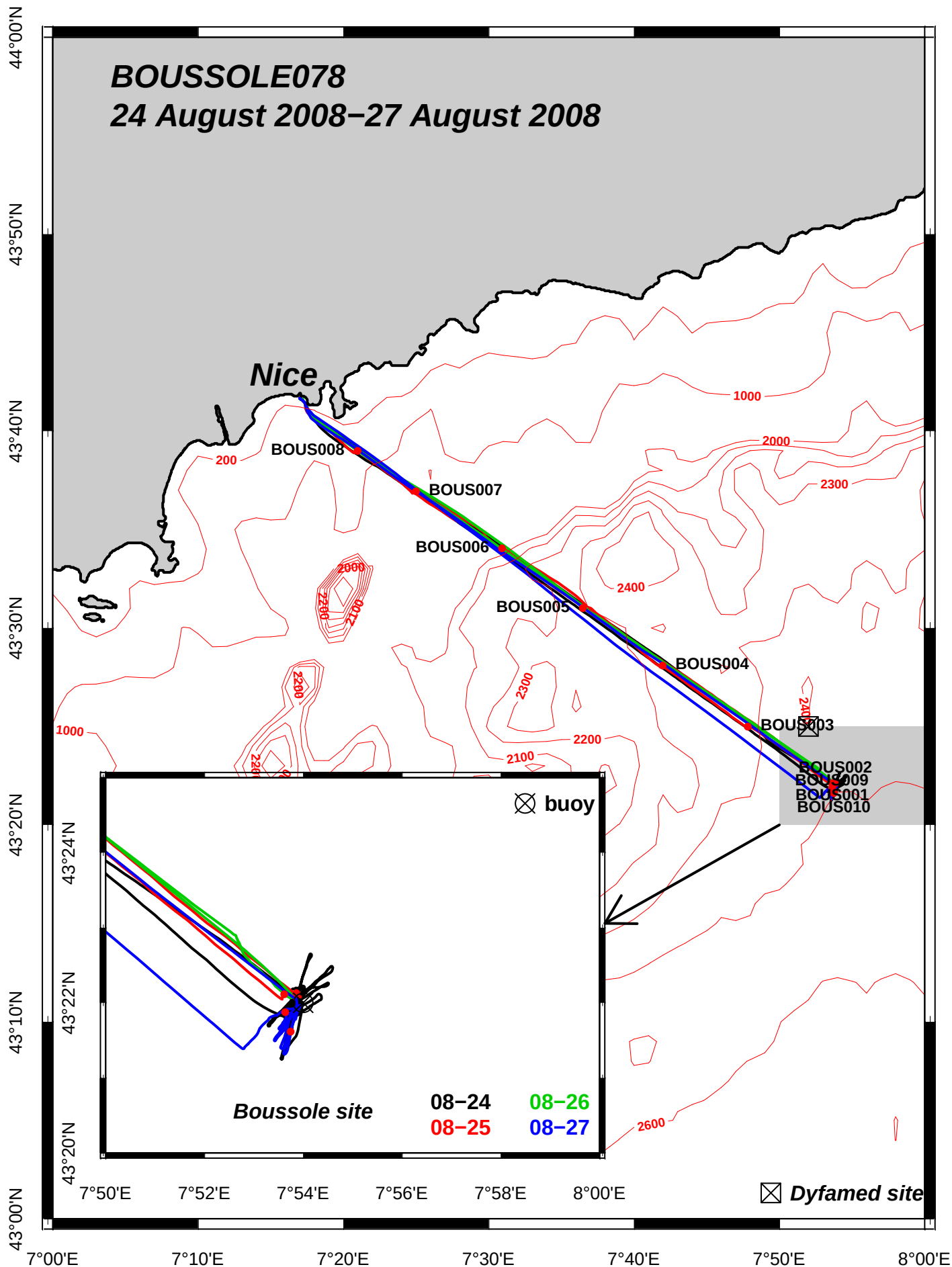
BOUS080719_11

BOUS011



Date 19/07/2008
Heure déb 12h 28min [TU]

Latitude 43°22.140
Longitude 07°53.799



Instrument configuration file: **C:\boussole\hout2008\ctd\hout2008.con**

Configuration report for SBE 911plus/917plus CTD

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

1) Frequency 0, **Temperature**

Serial number : **1539**
Calibrated on : 19-Dec-06
G : 4.83528518e-003
H : 6.69077349e-004
I : 2.40966152e-005
J : 1.79605167e-006
F0 : 1000.000
Slope : 1.00000000
Offset : 0.0000

2) Frequency 1, **Conductivity**

Serial number : **1313**
Calibrated on : 08-Dec-06
G : -4.07068744e+000
H : 4.86795639e-001
I : -1.17793925e-004
J : 3.36150110e-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 : **0378**
Calibrated on : 11-May-06
Soc : 3.1530e-001
Boc : 0.0000
Offset : -0.6775
Tcor : 0.0013
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 : **0877P**
Calibrated on : 25-Feb-08
Vblank : 0.084
Scale factor : 31.900

9) A/D voltage 5, Free

10) A/D voltage 6, Free

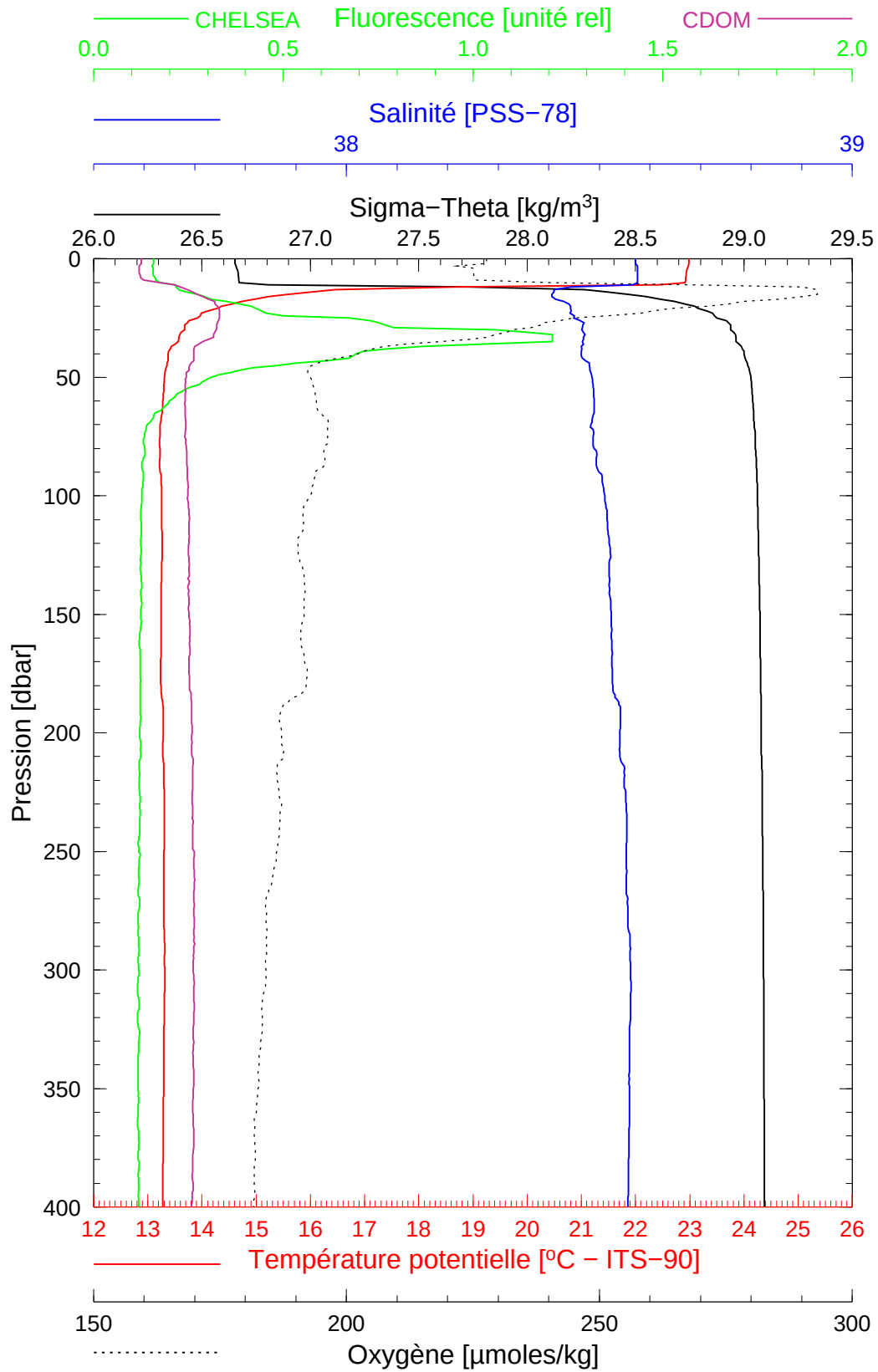
11) A/D voltage 7, Free

Boussole

25/08/2008

BOUS080825_02

BOUS002



Date 25/08/2008
Heure déb 08h 19min [TU]

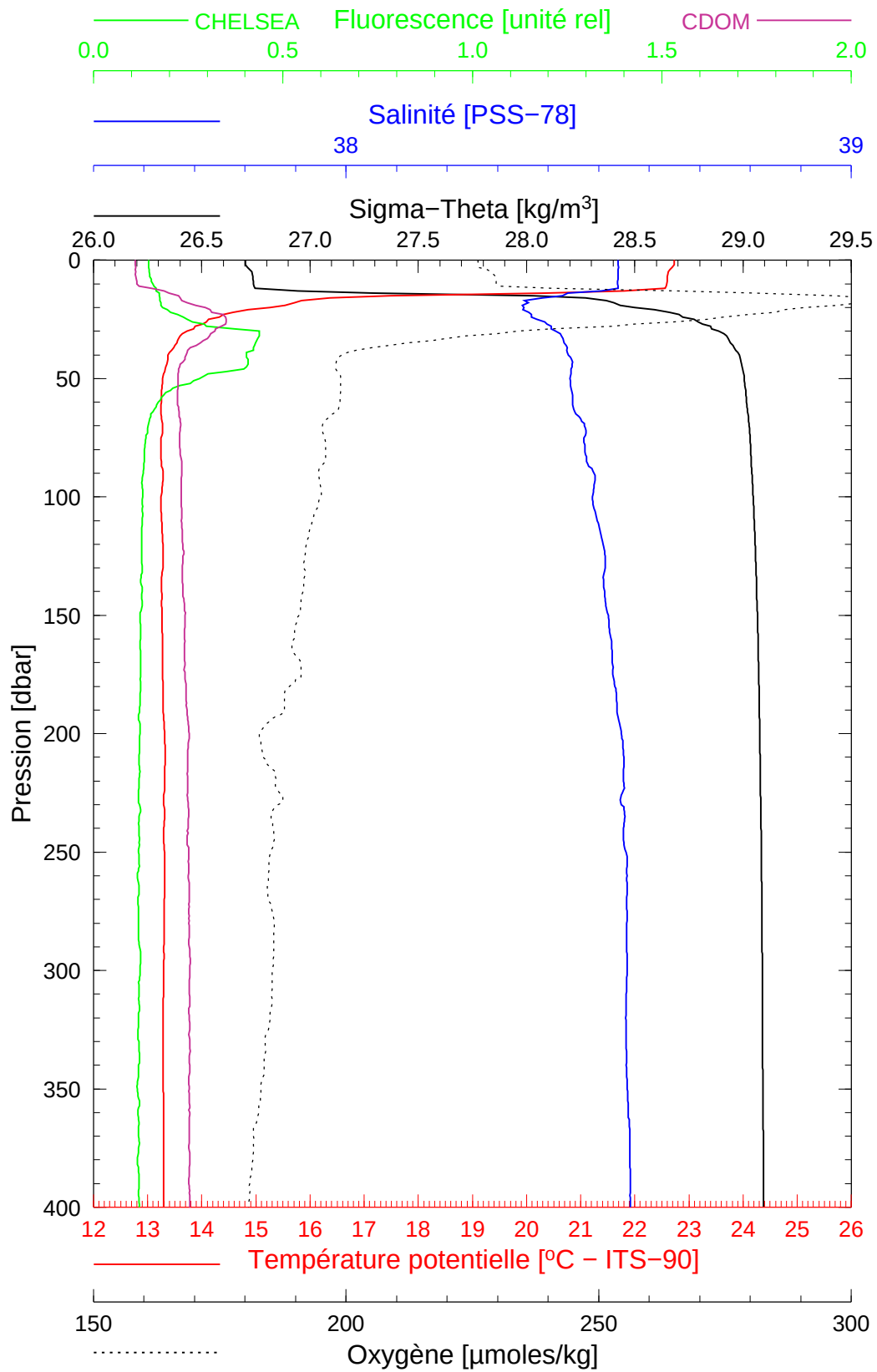
Latitude 43°22.129
Longitude 07°53.861

Boussole

25/08/2008

BOUS080825_03

BOUS003



Date 25/08/2008
Heure déb 10h 16min [TU]

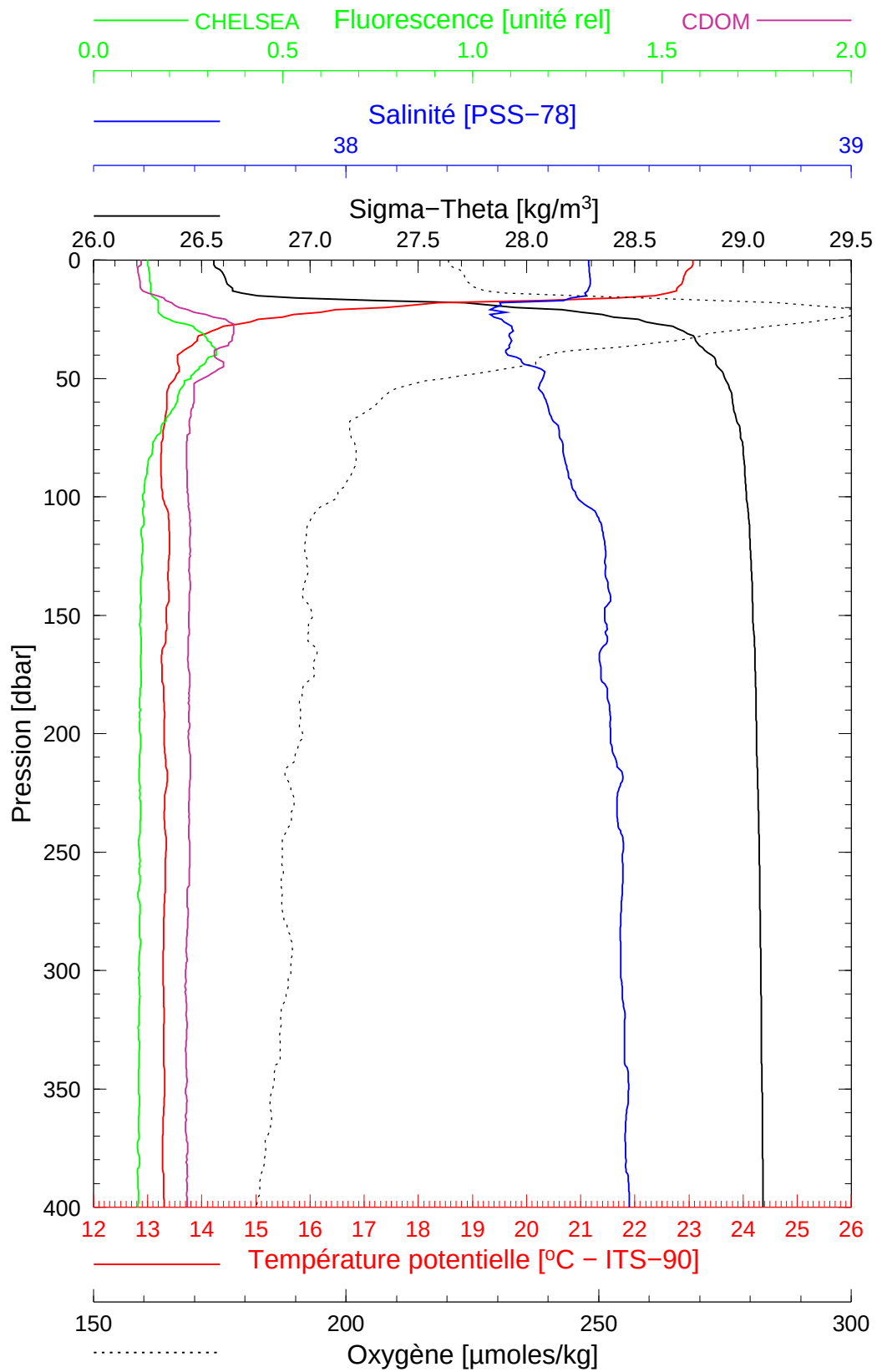
Latitude 43°24.989
Longitude 07°47.827

Boussole

25/08/2008

BOUS080825_04

BOUS004



Date 25/08/2008
Heure déb 11h 15min [TU]

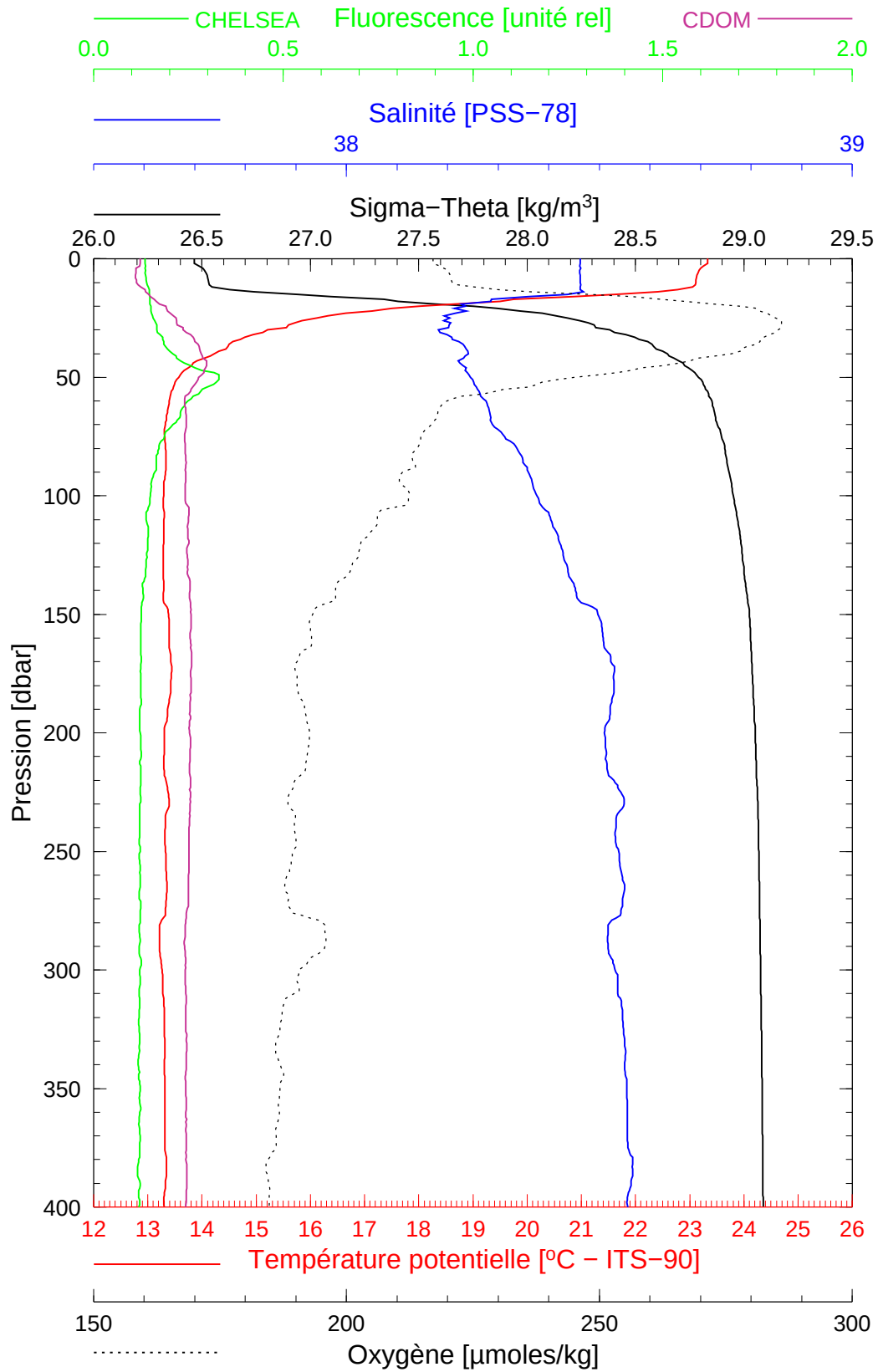
Latitude 43°28.092
Longitude 07°41.971

Boussole

25/08/2008

BOUS080825_05

BOUS005



Date 25/08/2008
Heure déb 12h 11min [TU]

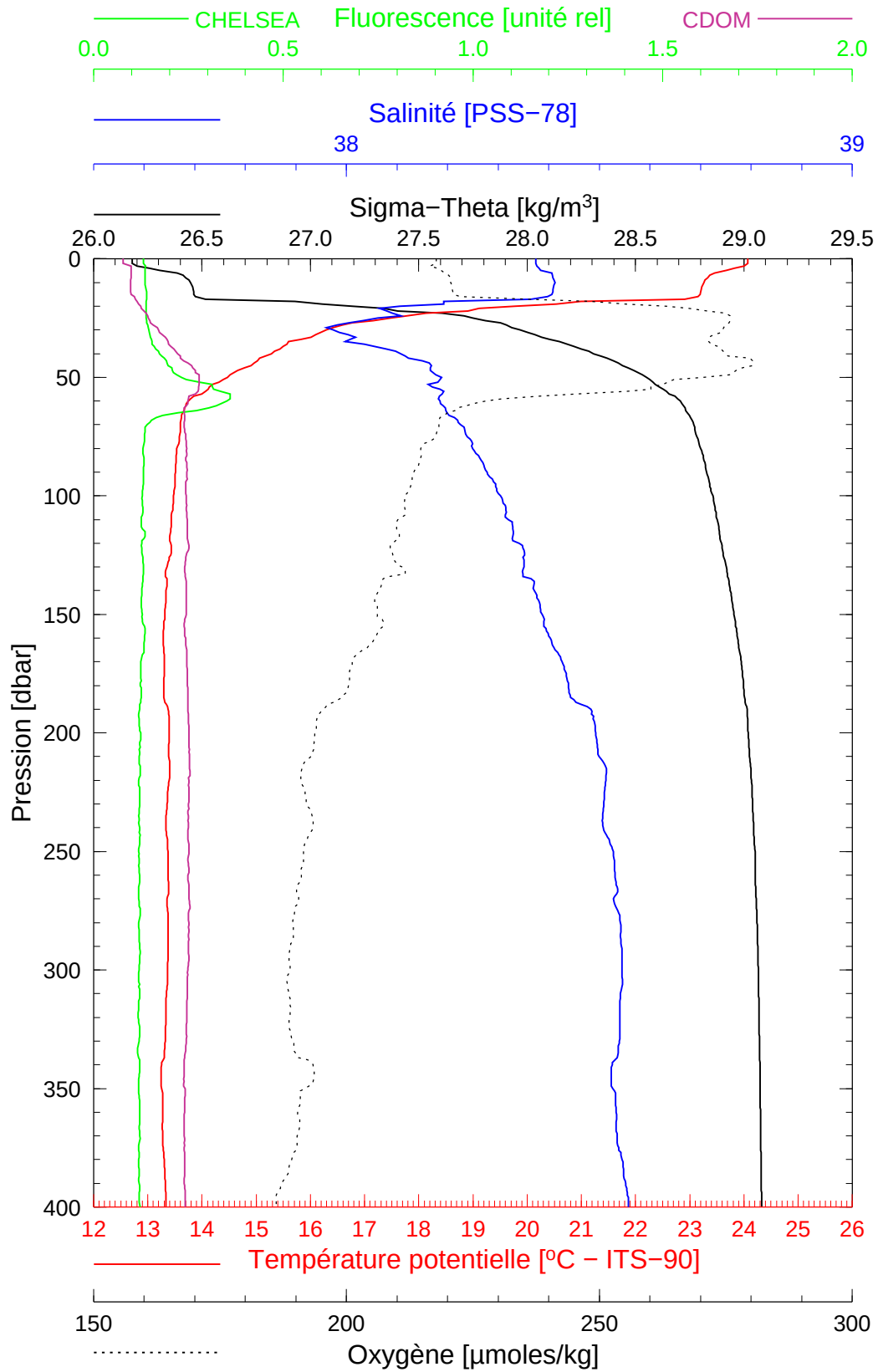
Latitude $43^{\circ}31.012$
Longitude $07^{\circ}36.476$

Boussole

25/08/2008

BOUS080825_06

BOUS006



Date 25/08/2008
Heure déb 13h 14min [TU]

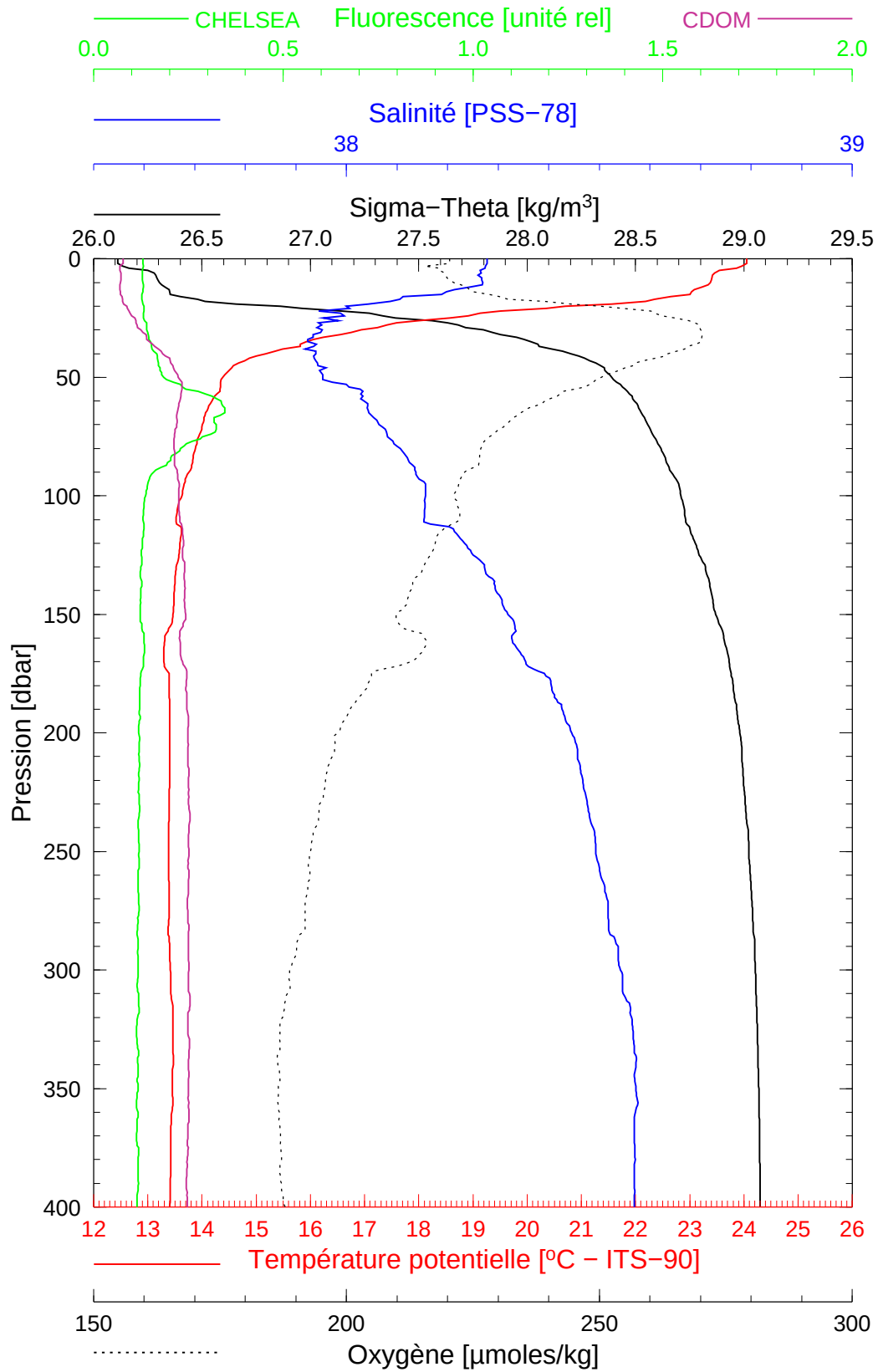
Latitude 43°34.044
Longitude 07°30.918

Boussole

25/08/2008

BOUS080825_07

BOUS007



Date 25/08/2008
Heure déb 14h 16min [TU]

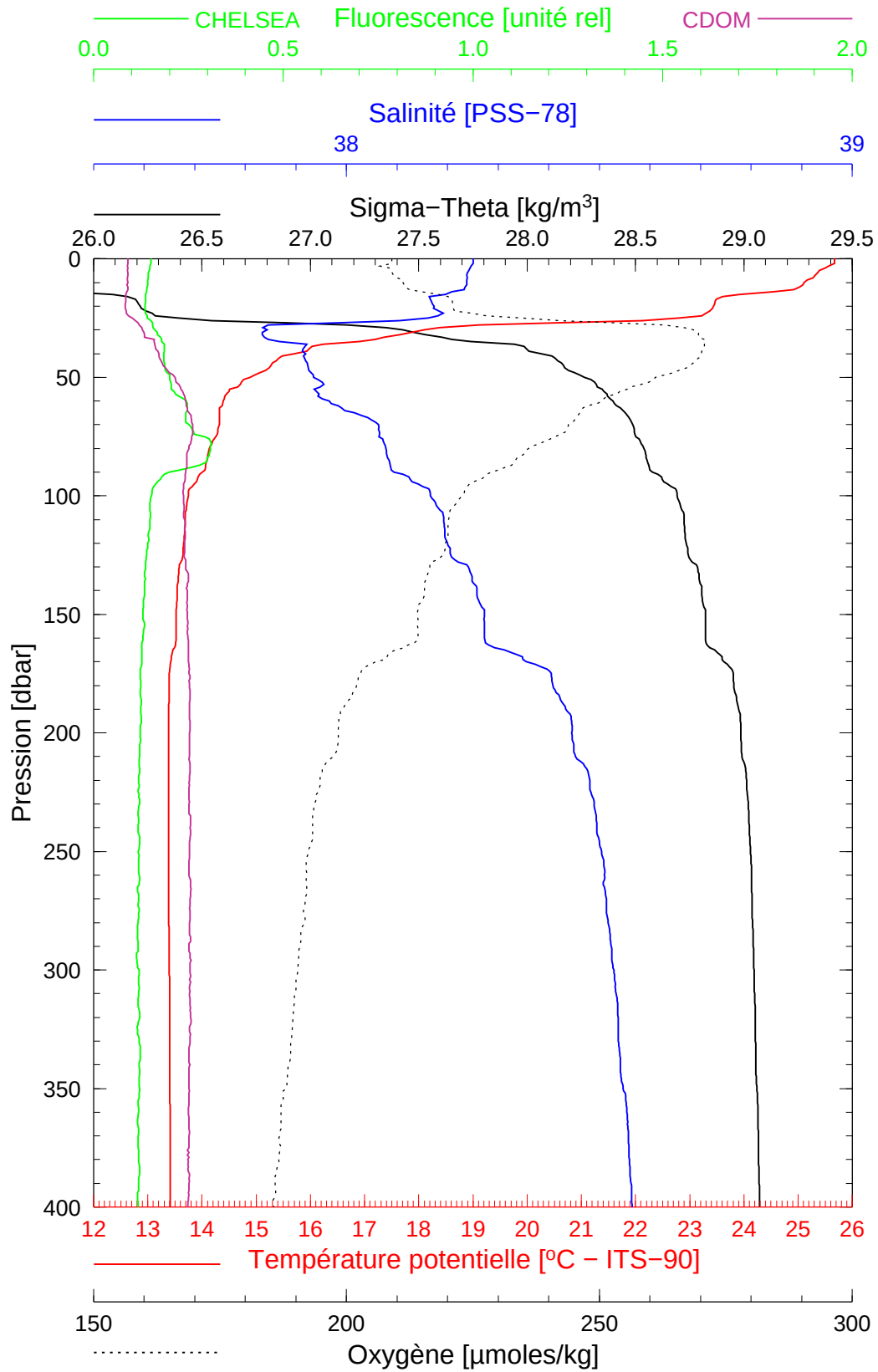
Latitude 43°36.941
Longitude 07°25.002

Boussole

25/08/2008

BOUS080825_08

BOUS008



Date 25/08/2008
Heure déb 15h 06min [TU]

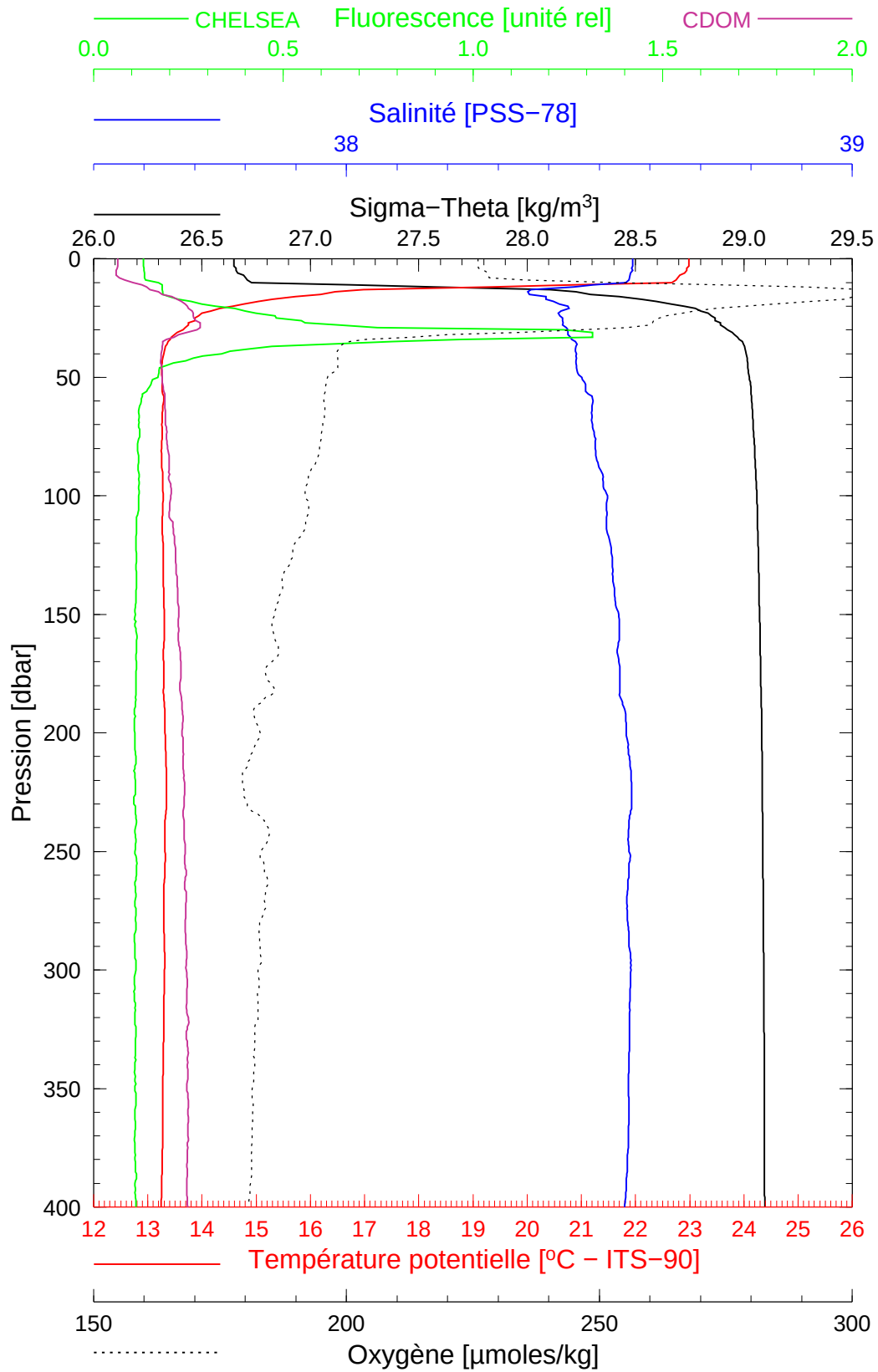
Latitude 43°38.994
Longitude 07°20.976

Boussole

26/08/2008

BOUS080826_09

BOUS009



Date 26/08/2008
Heure déb 08h 40min [TU]

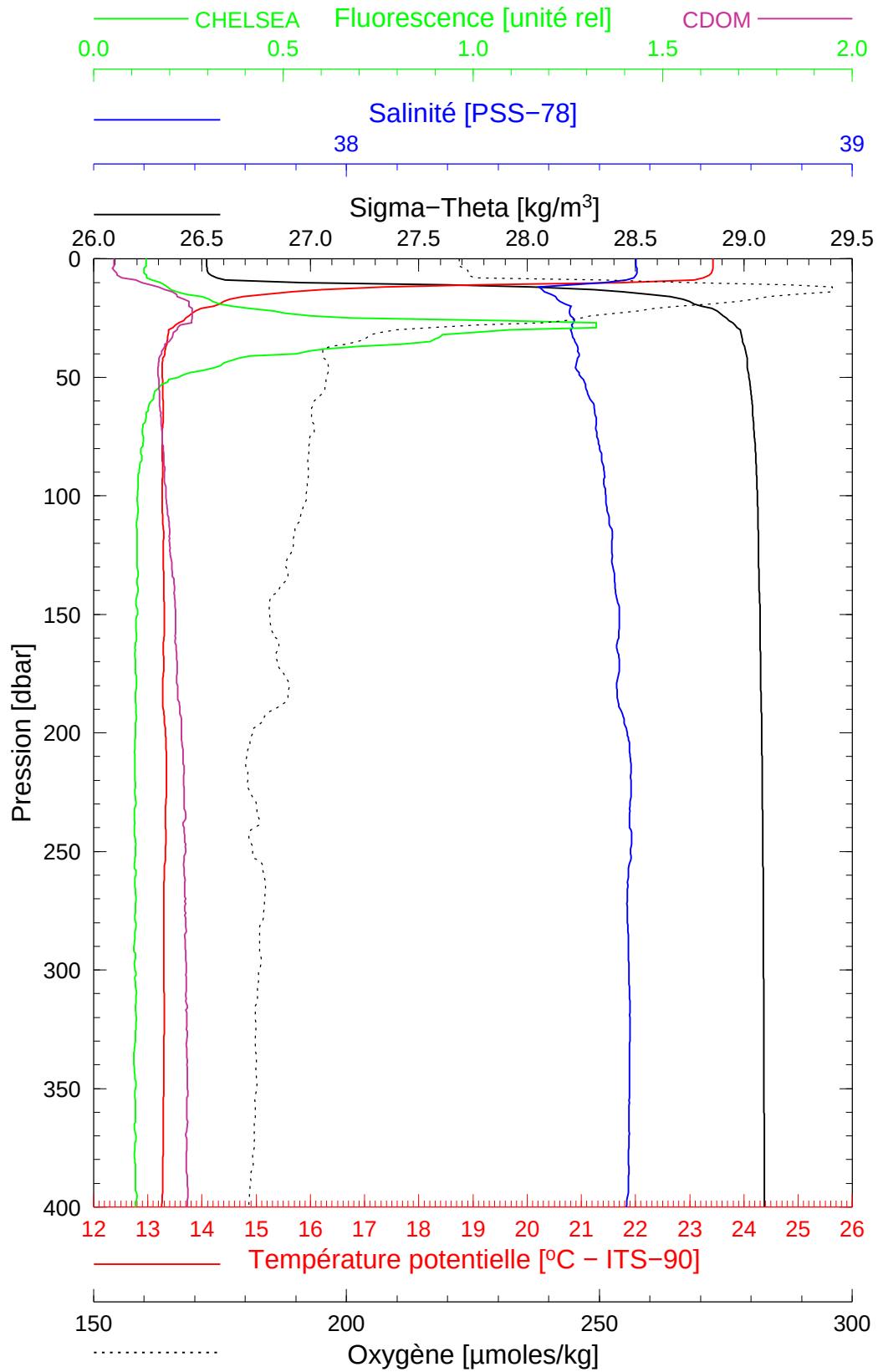
Latitude 43°22.114
Longitude 07°53.616

Boussole

27/08/2008

BOUS080827_10

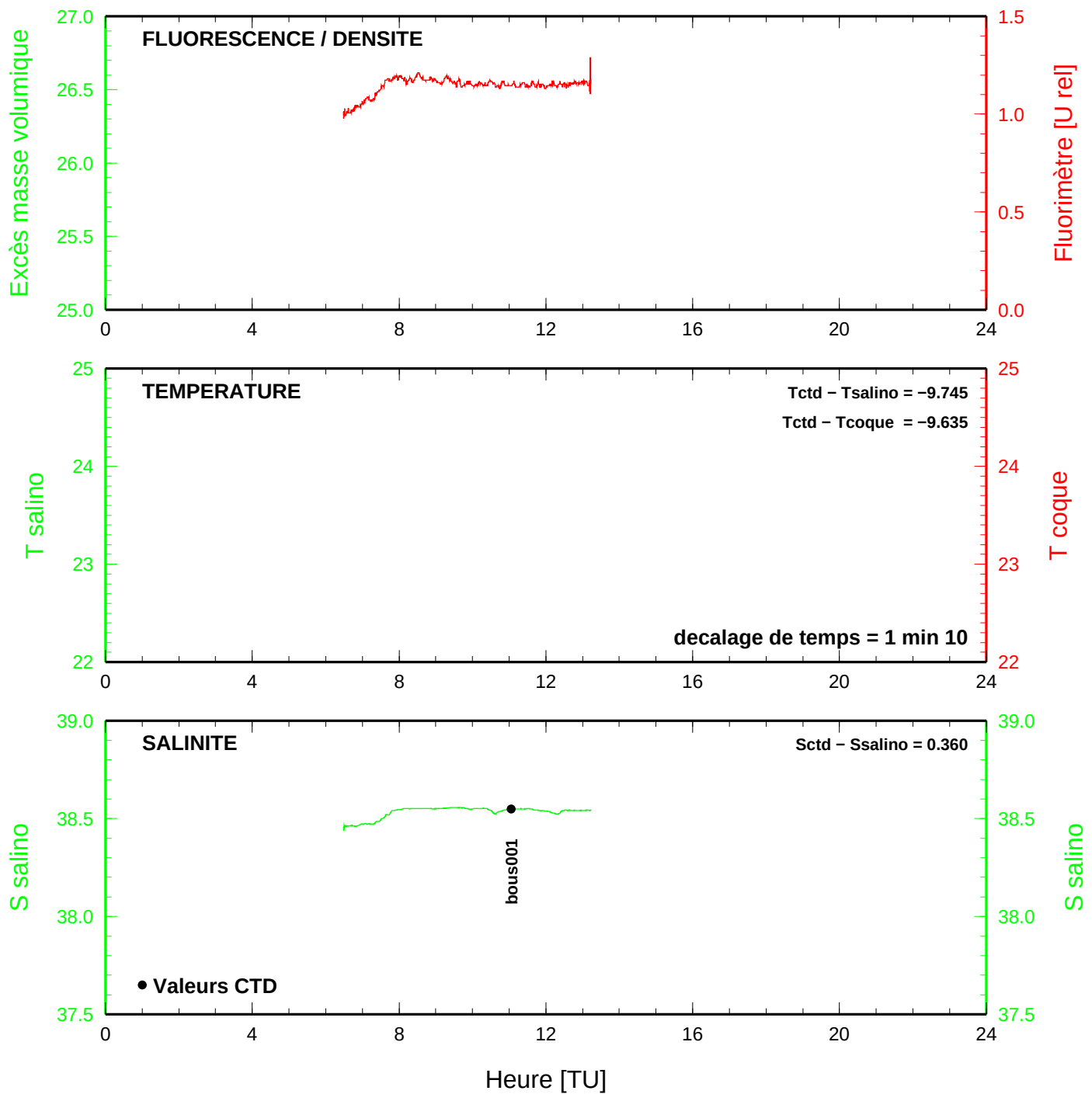
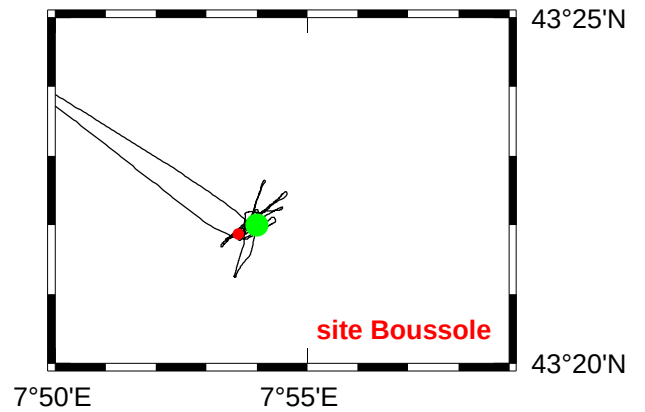
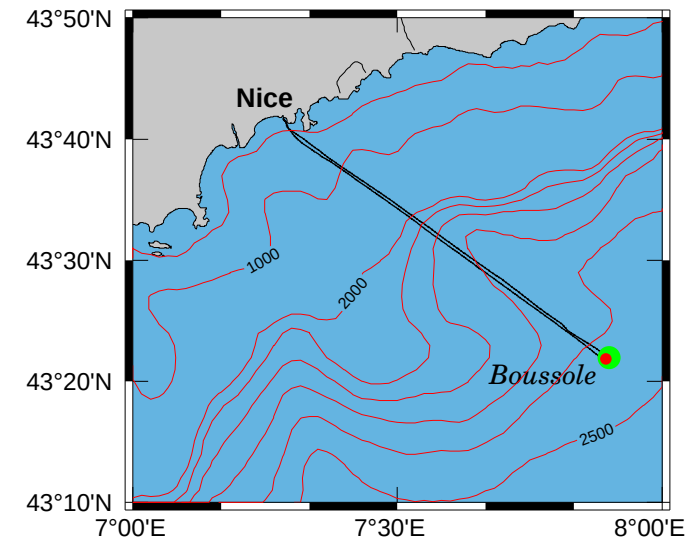
BOUS010



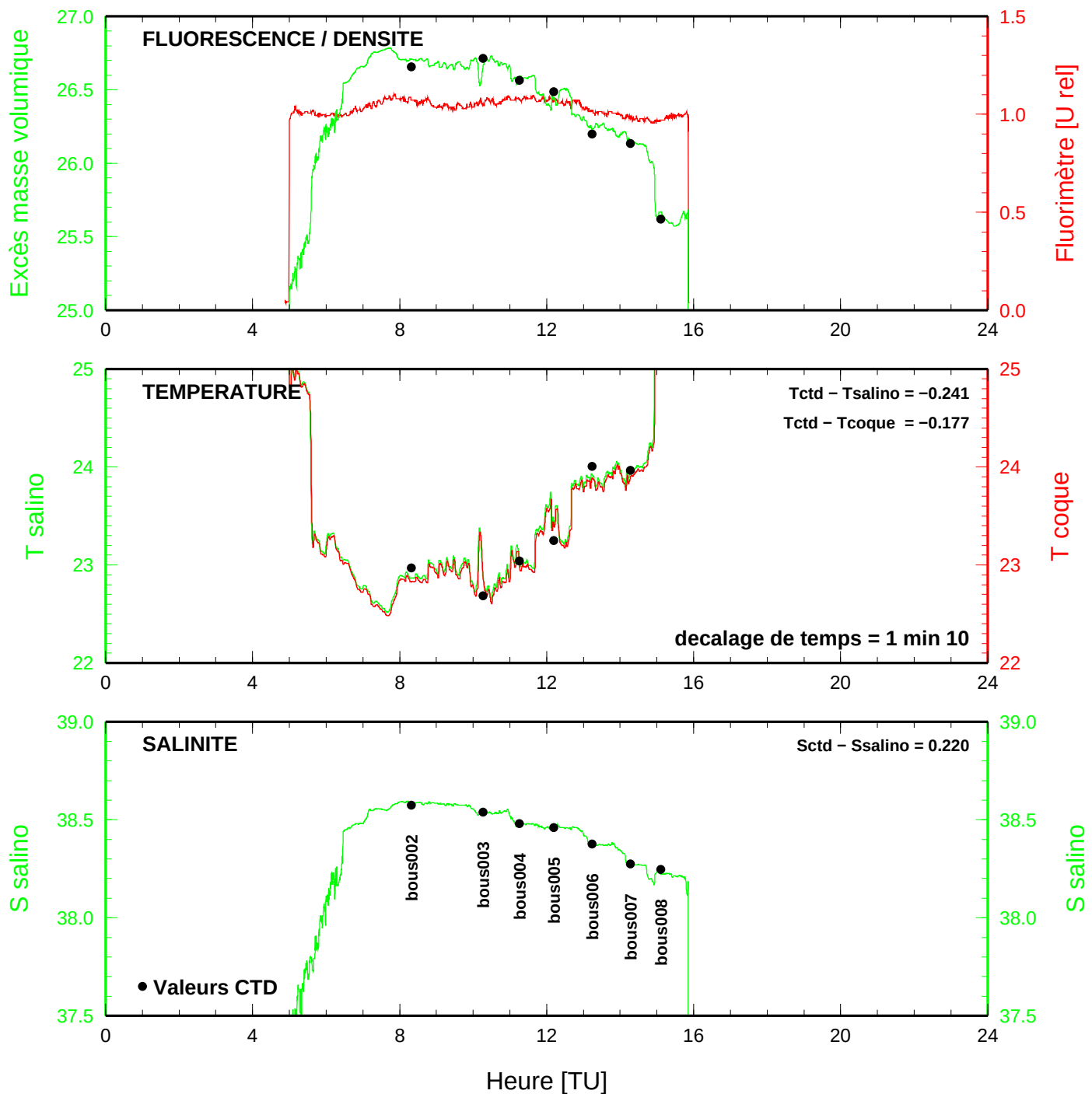
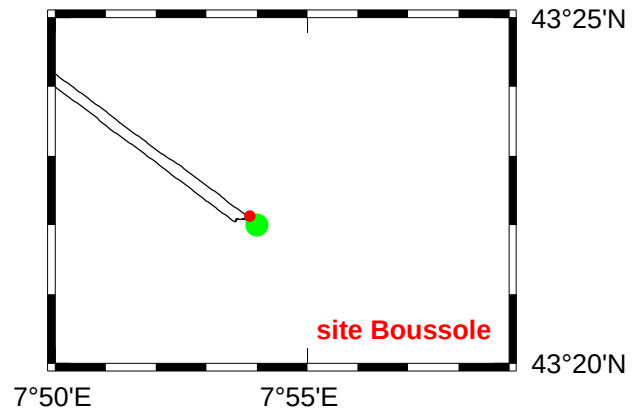
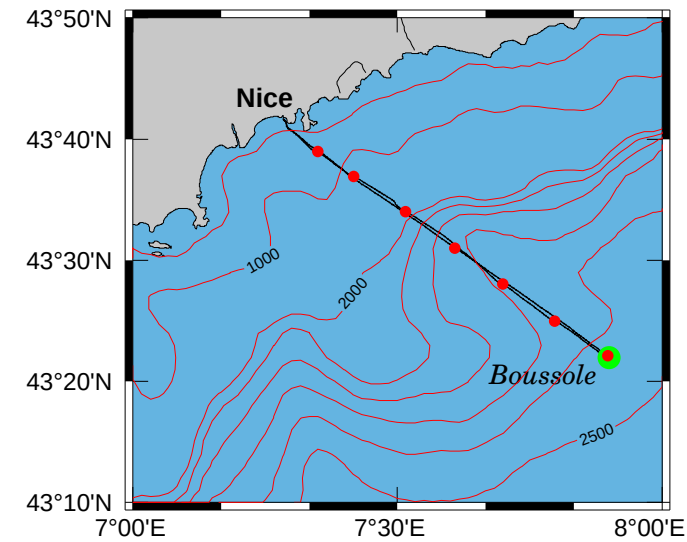
Date 27/08/2008
Heure déb 09h 28min [TU]

Latitude $43^{\circ}21.616$
Longitude $07^{\circ}53.745$

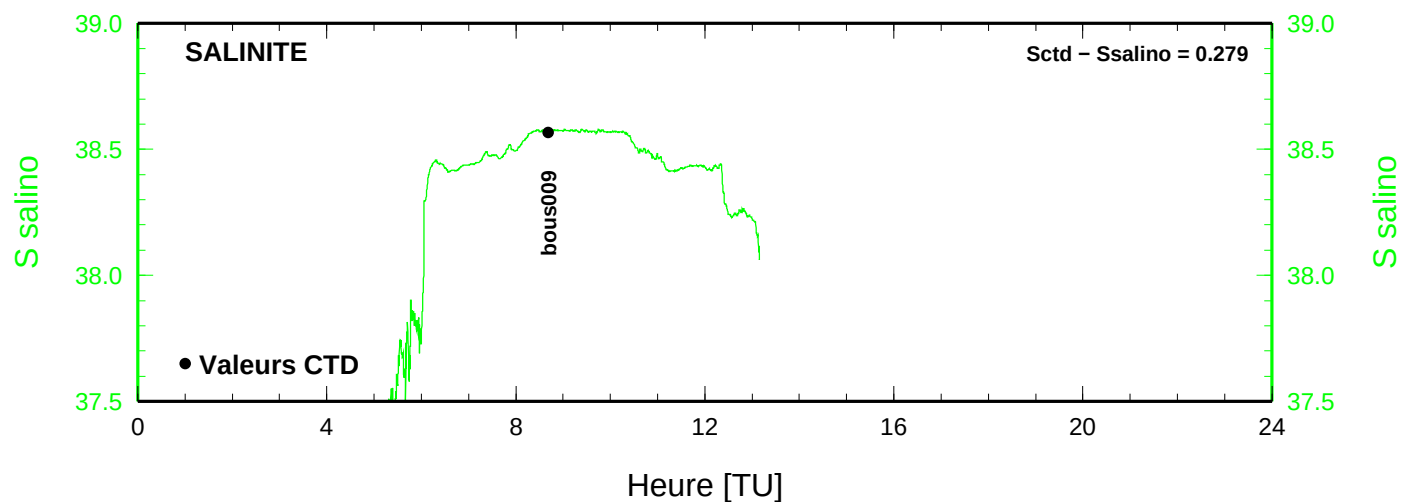
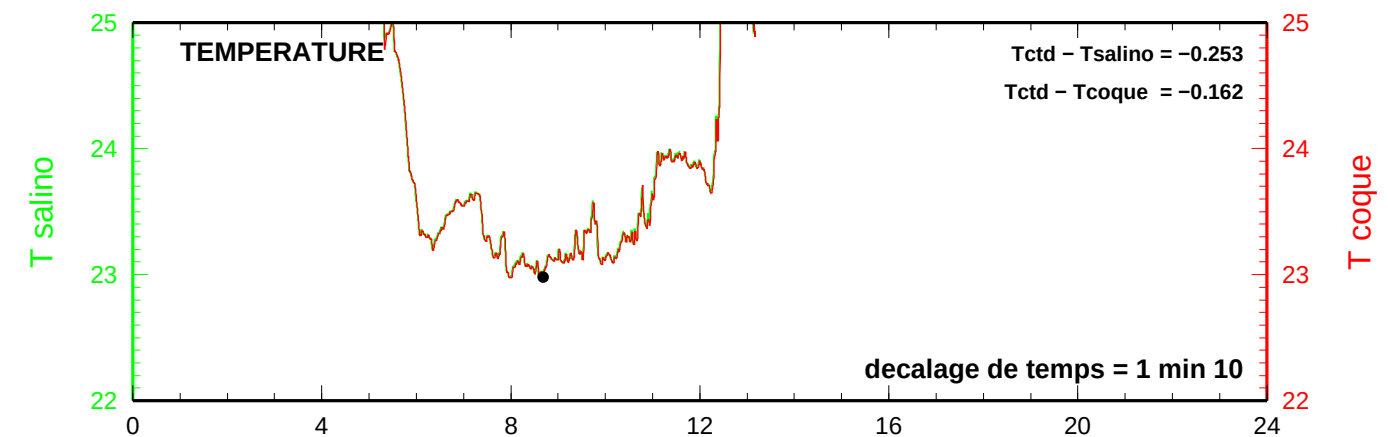
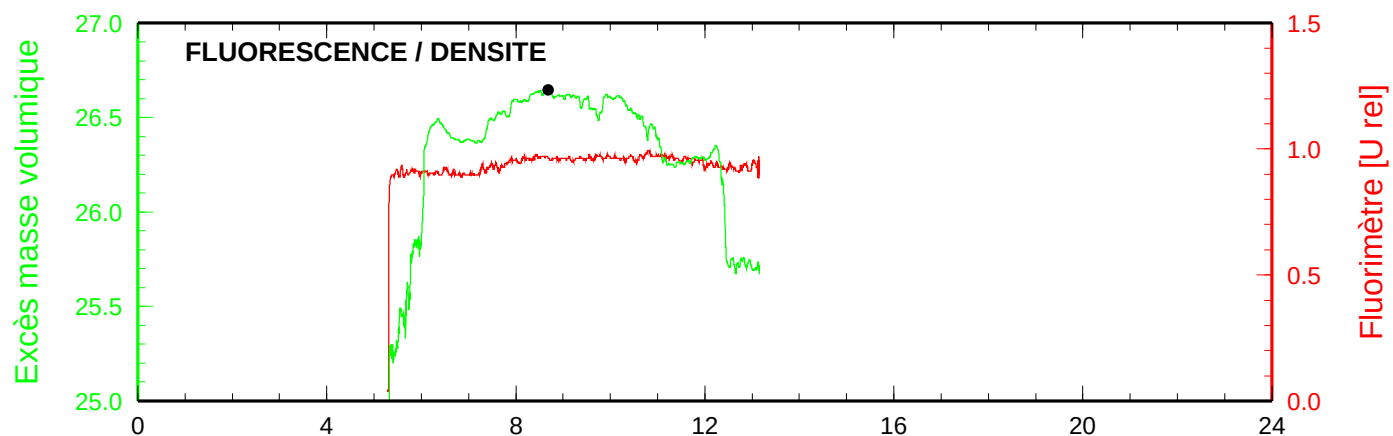
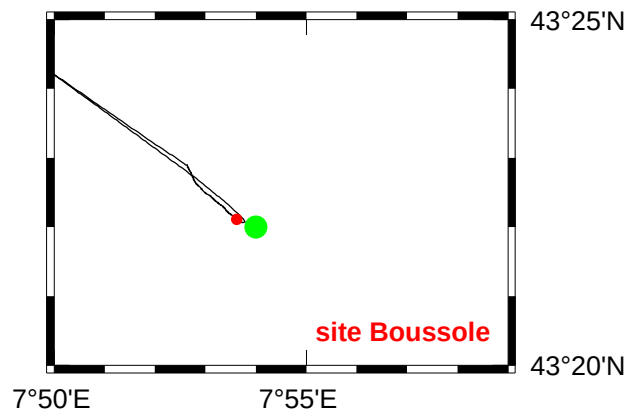
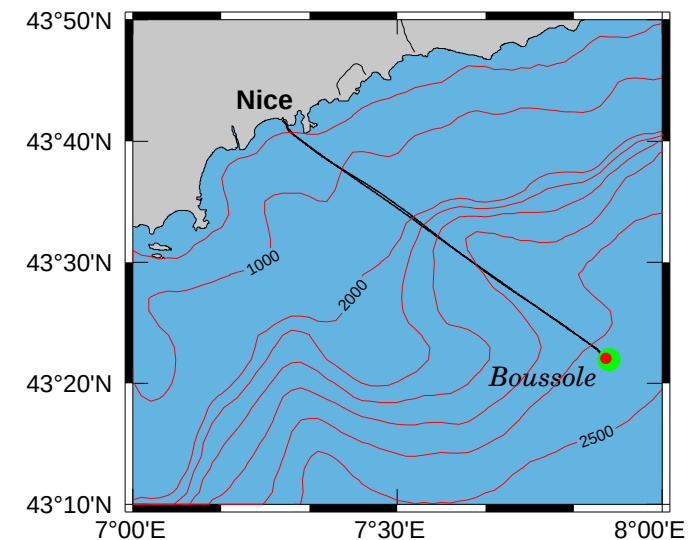
BOUSSOLE 24 août 2008



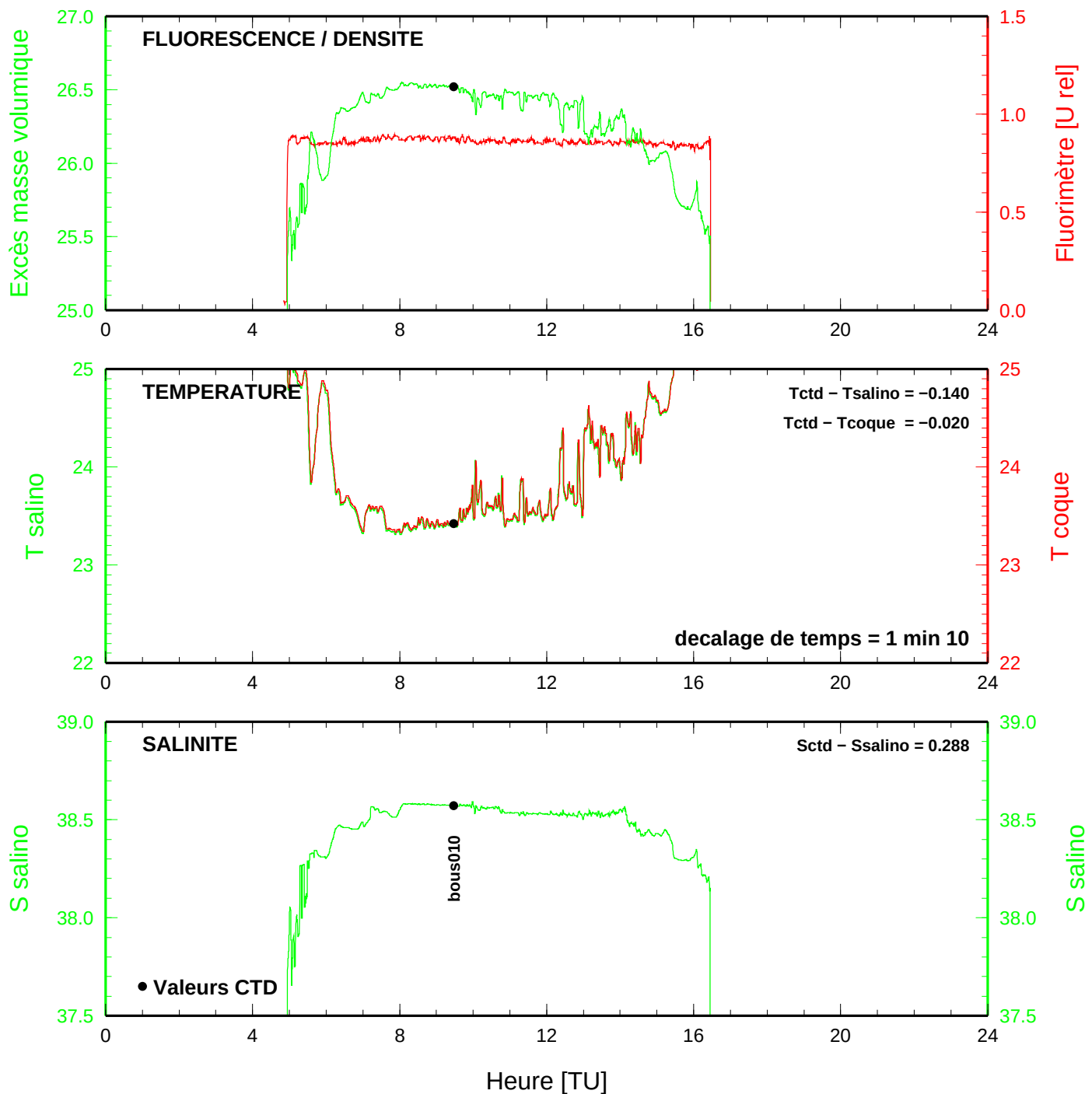
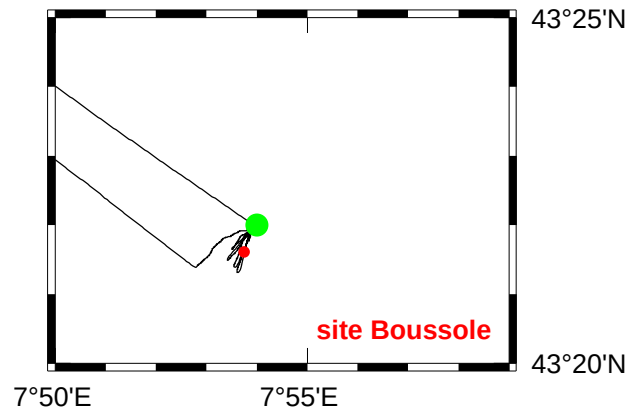
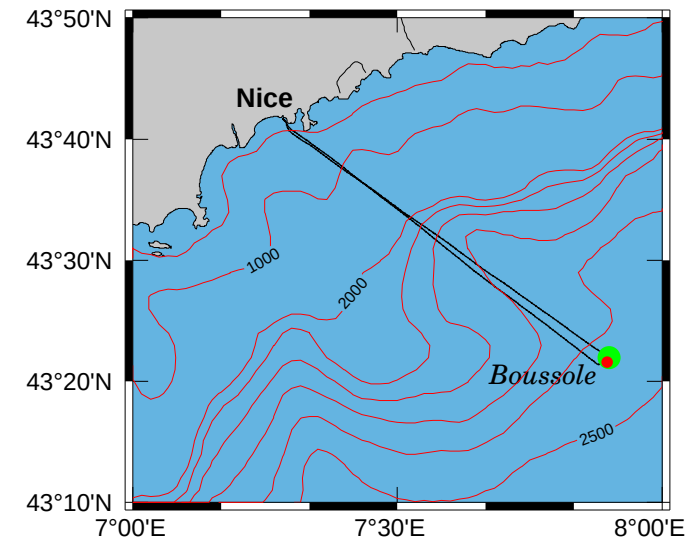
BOUSSOLE 25 août 2008

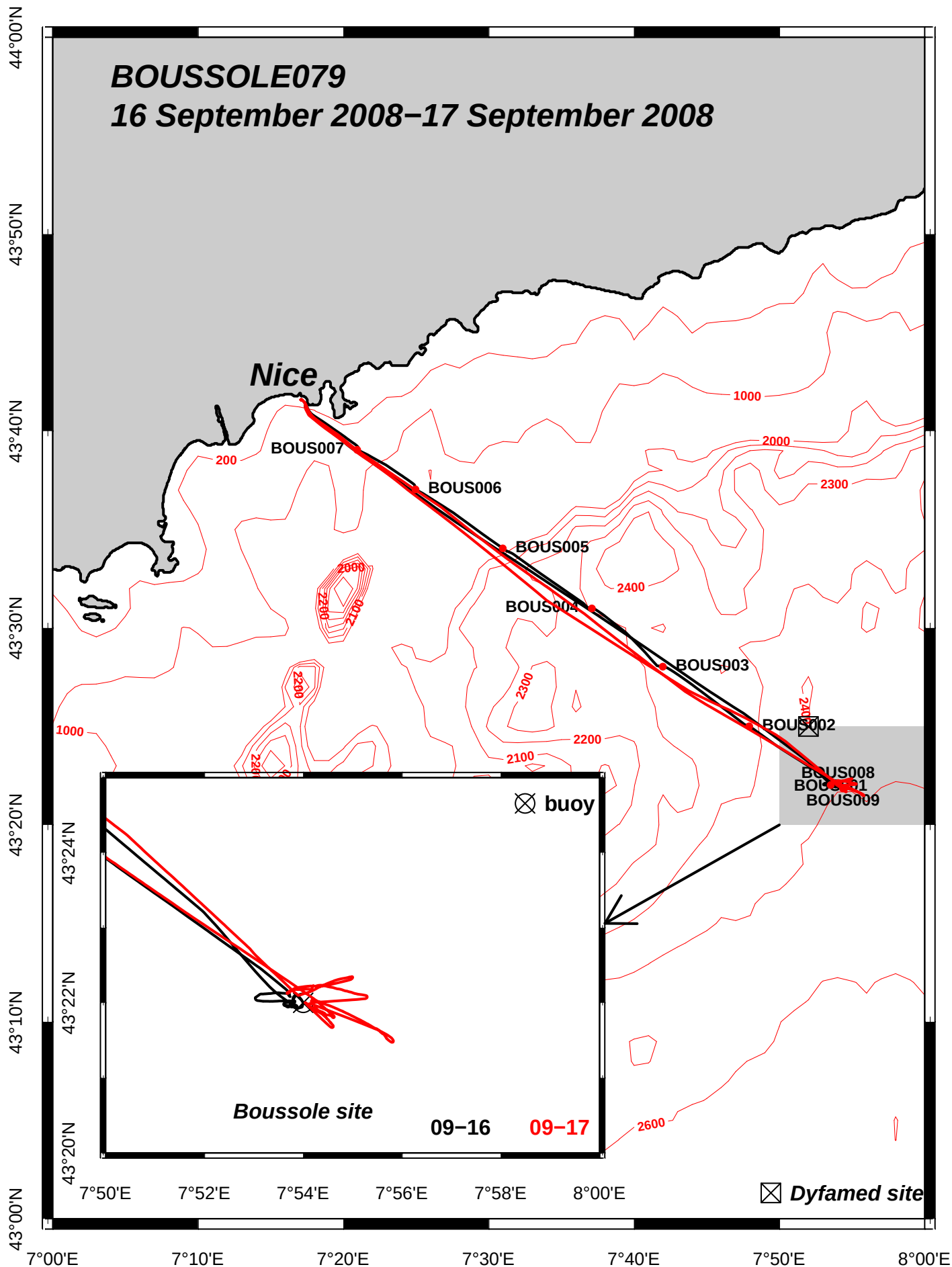


BOUSSOLE 26 août 2008



BOUSSOLE 27 août 2008



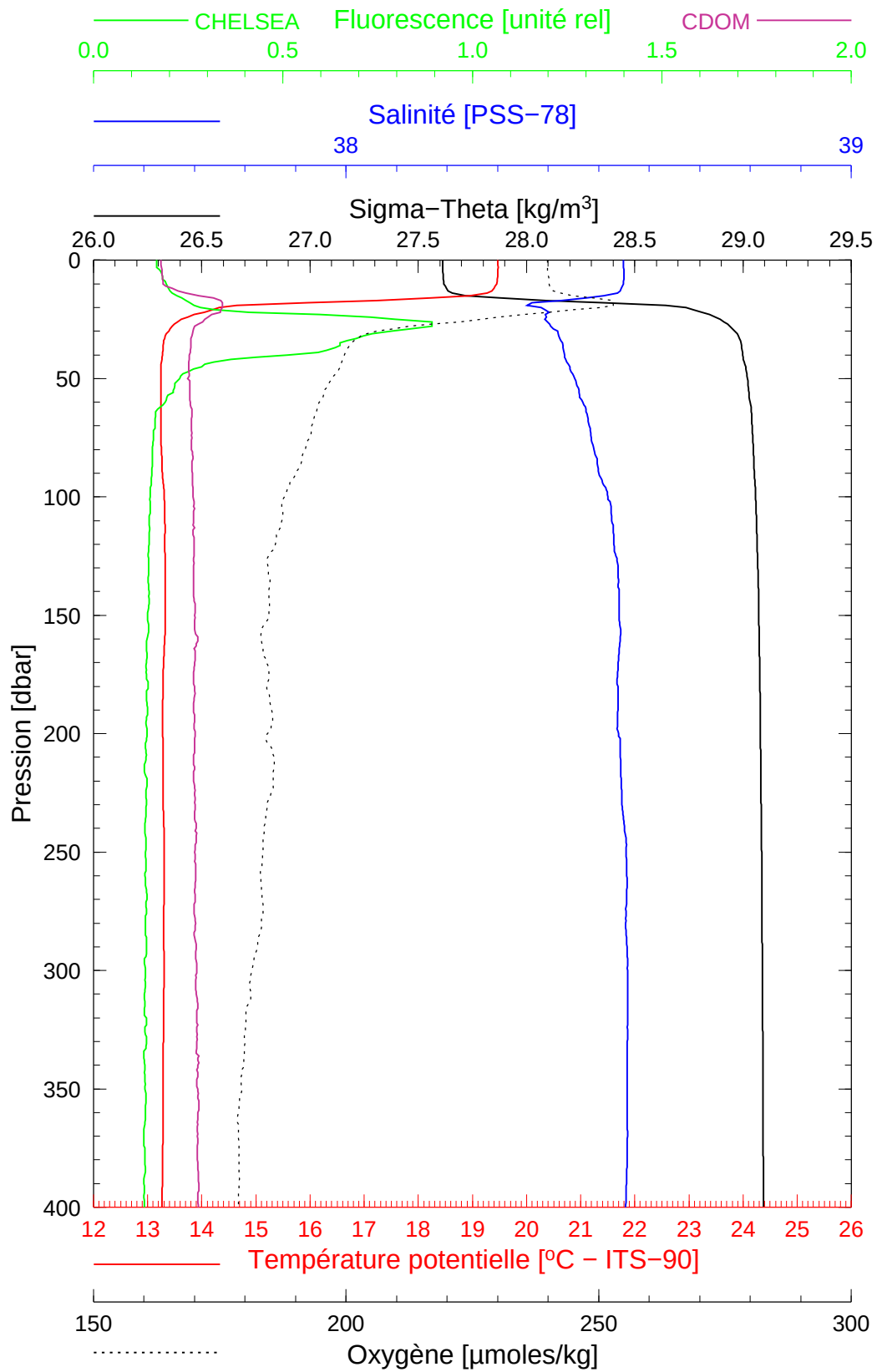


Boussole

16/09/2008

BOUS080916_01

BOUS001



Date 16/09/2008
Heure déb 09h 47min [TU]

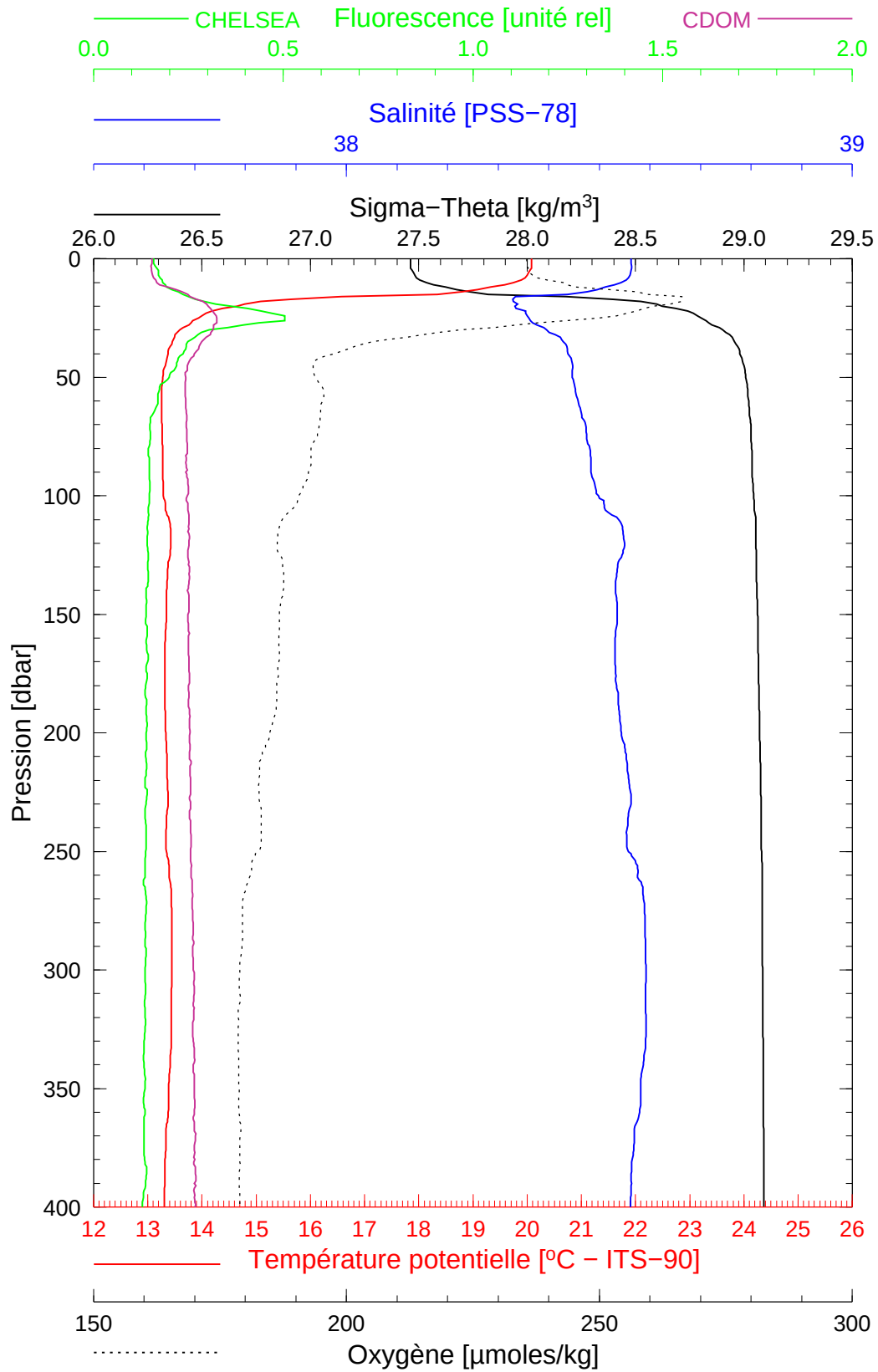
Latitude 43°22.025
Longitude 07°53.533

Boussole

16/09/2008

BOUS080916_02

BOUS002



Date 16/09/2008
Heure déb 11h 24min [TU]

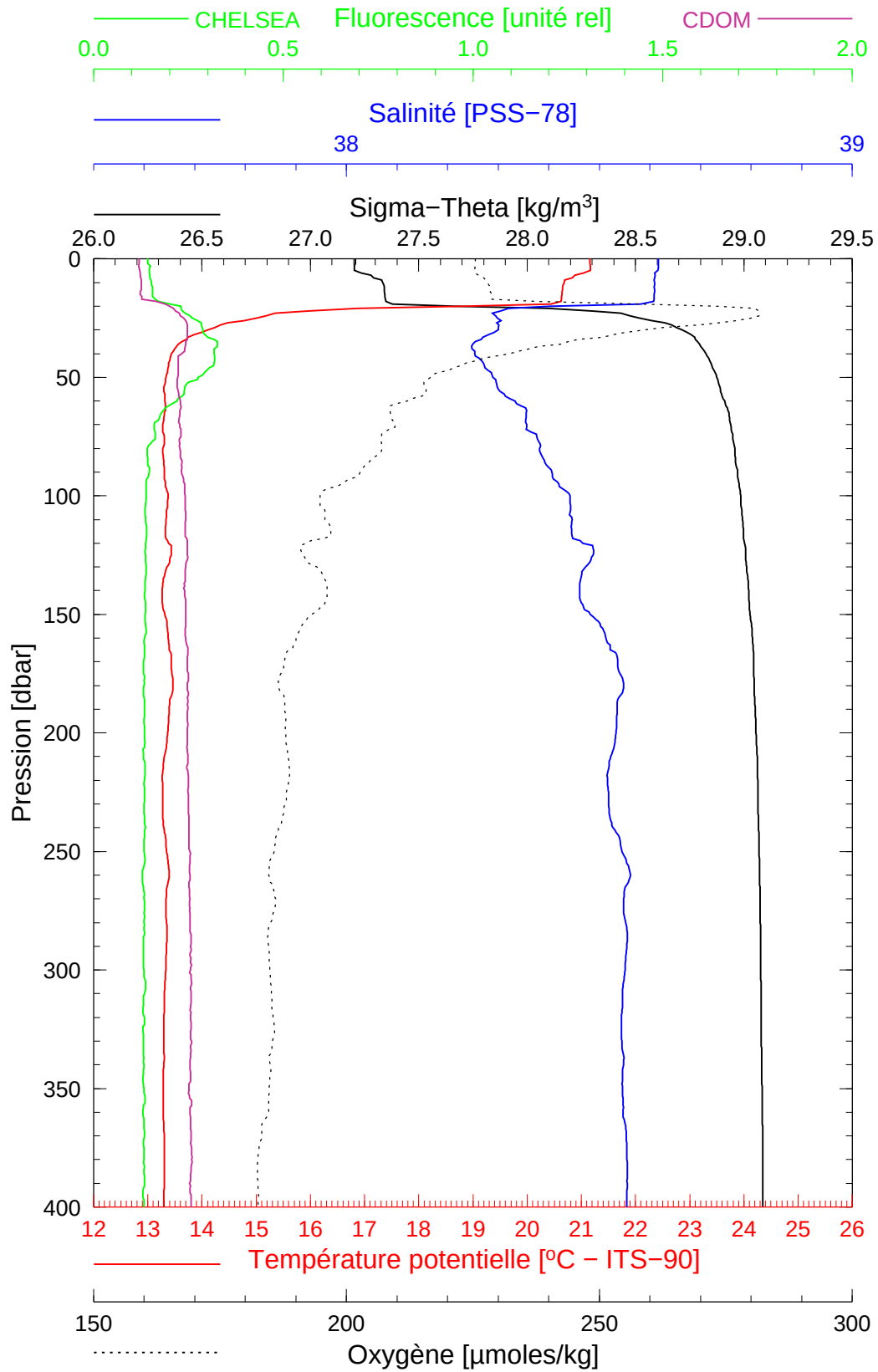
Latitude 43°25.006
Longitude 07°47.926

Boussole

16/09/2008

BOUS080916_03

BOUS003



Date 16/09/2008
Heure déb 12h 14min [TU]

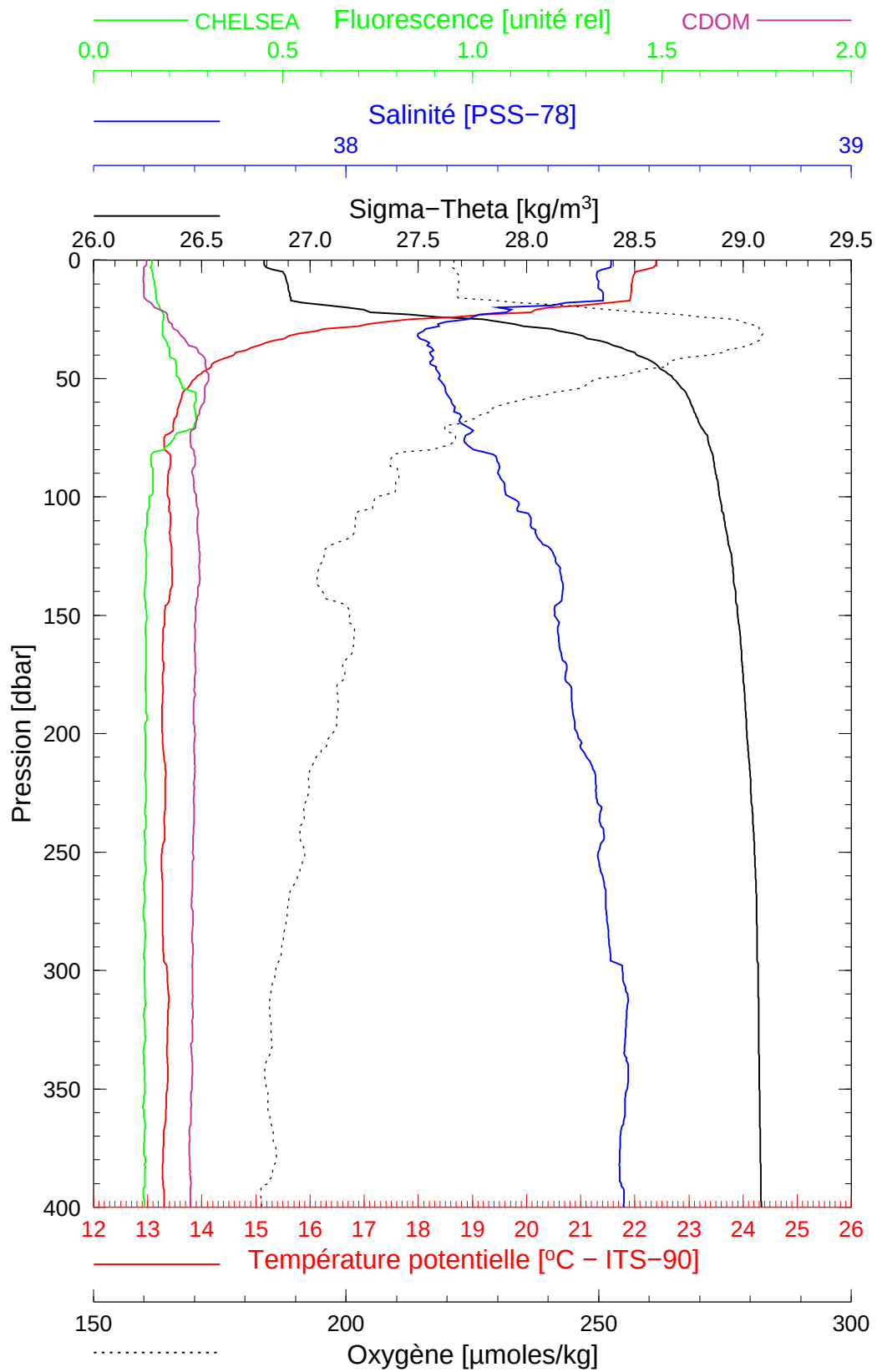
Latitude 43°28.037
Longitude 07°41.980

Boussole

16/09/2008

BOUS080916_04

BOUS004



Date 16/09/2008
Heure déb 13h 07min [TU]

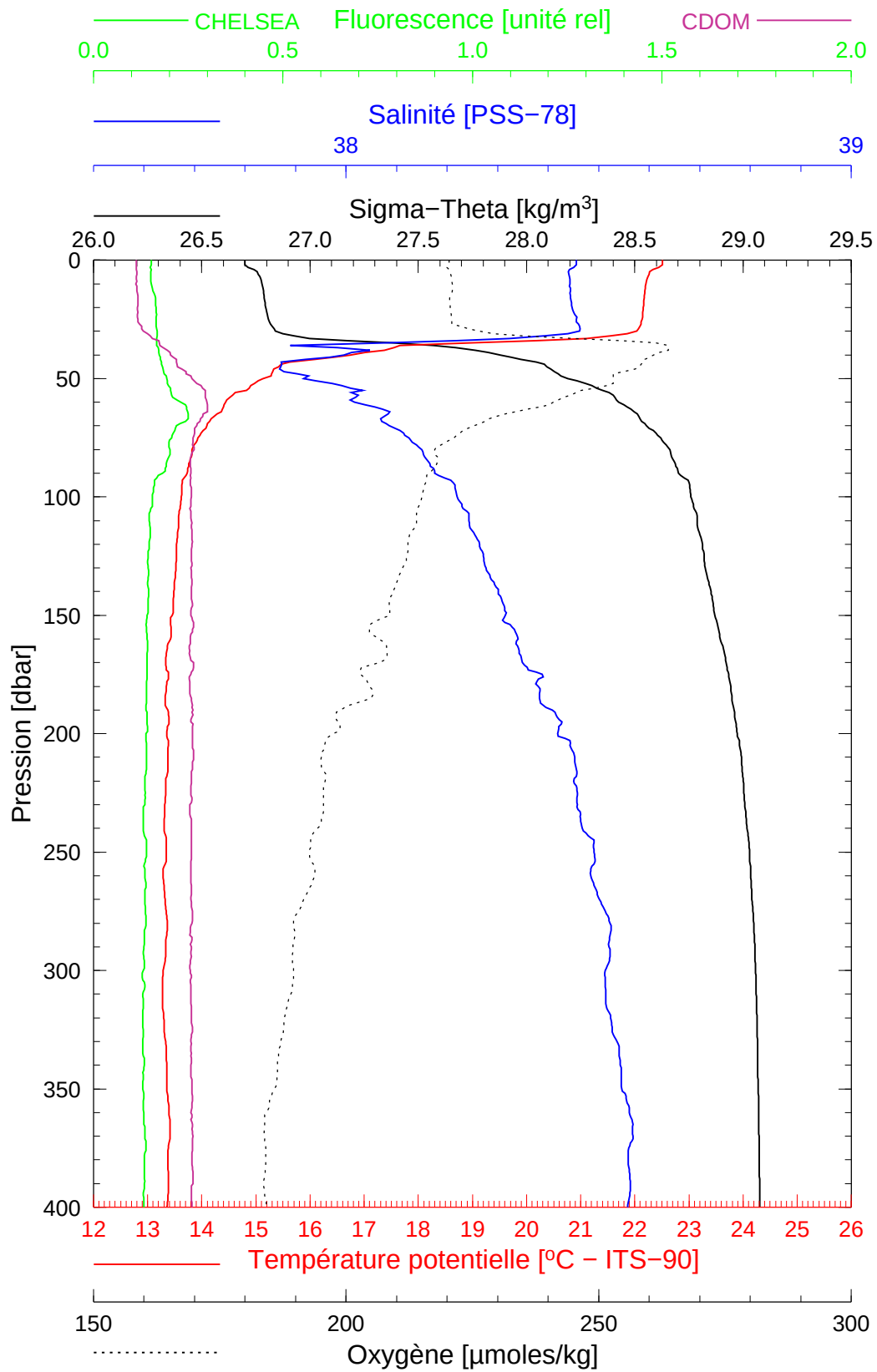
Latitude 43°30.993
Longitude 07°37.097

Boussole

16/09/2008

BOUS080916_05

BOUS005



Date 16/09/2008
Heure déb 14h 06min [TU]

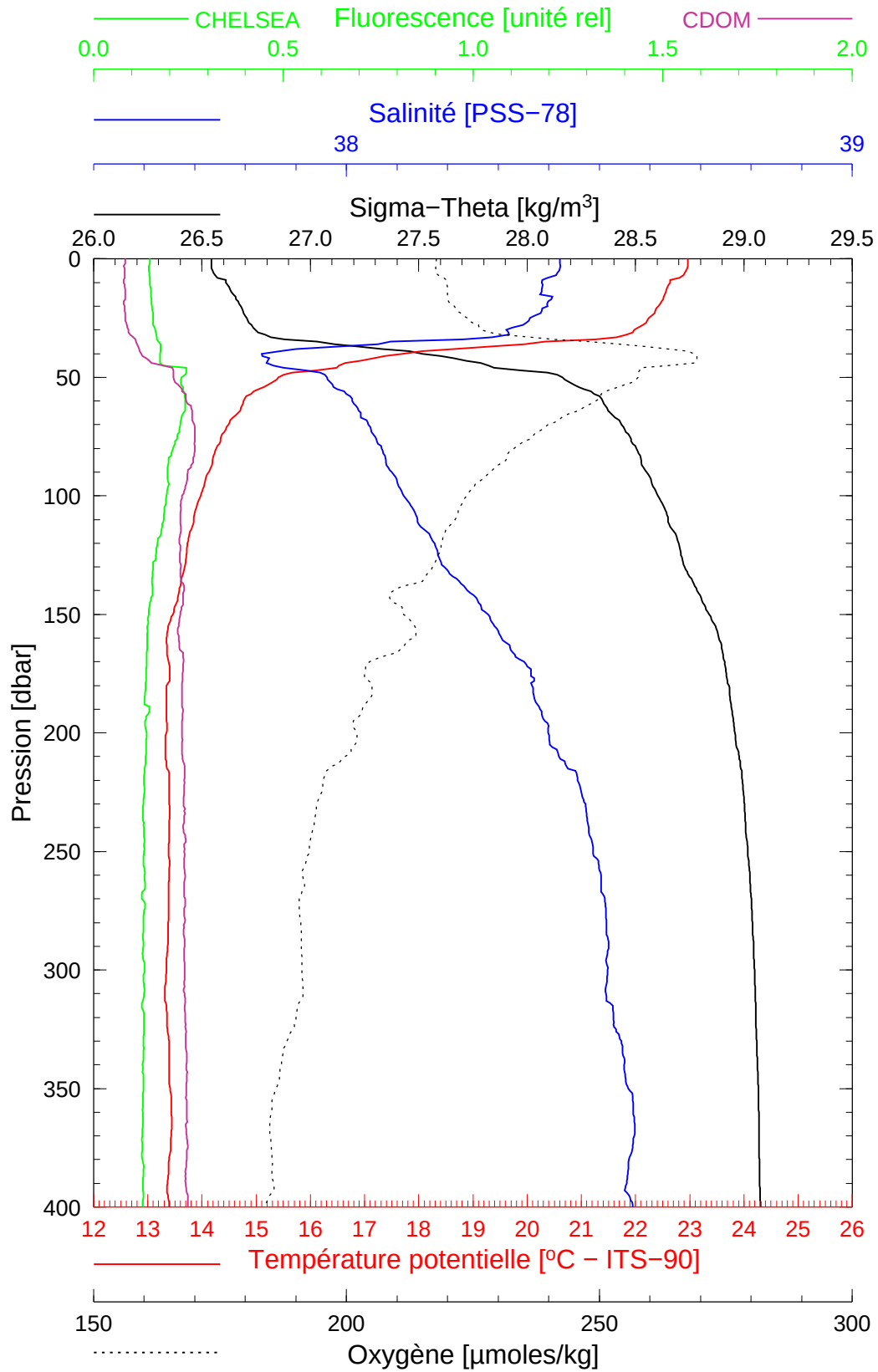
Latitude 43°34.041
Longitude 07°30.967

Boussole

16/09/2008

BOUS080916_06

BOUS006



Date 16/09/2008
Heure déb 14h 54min [TU]

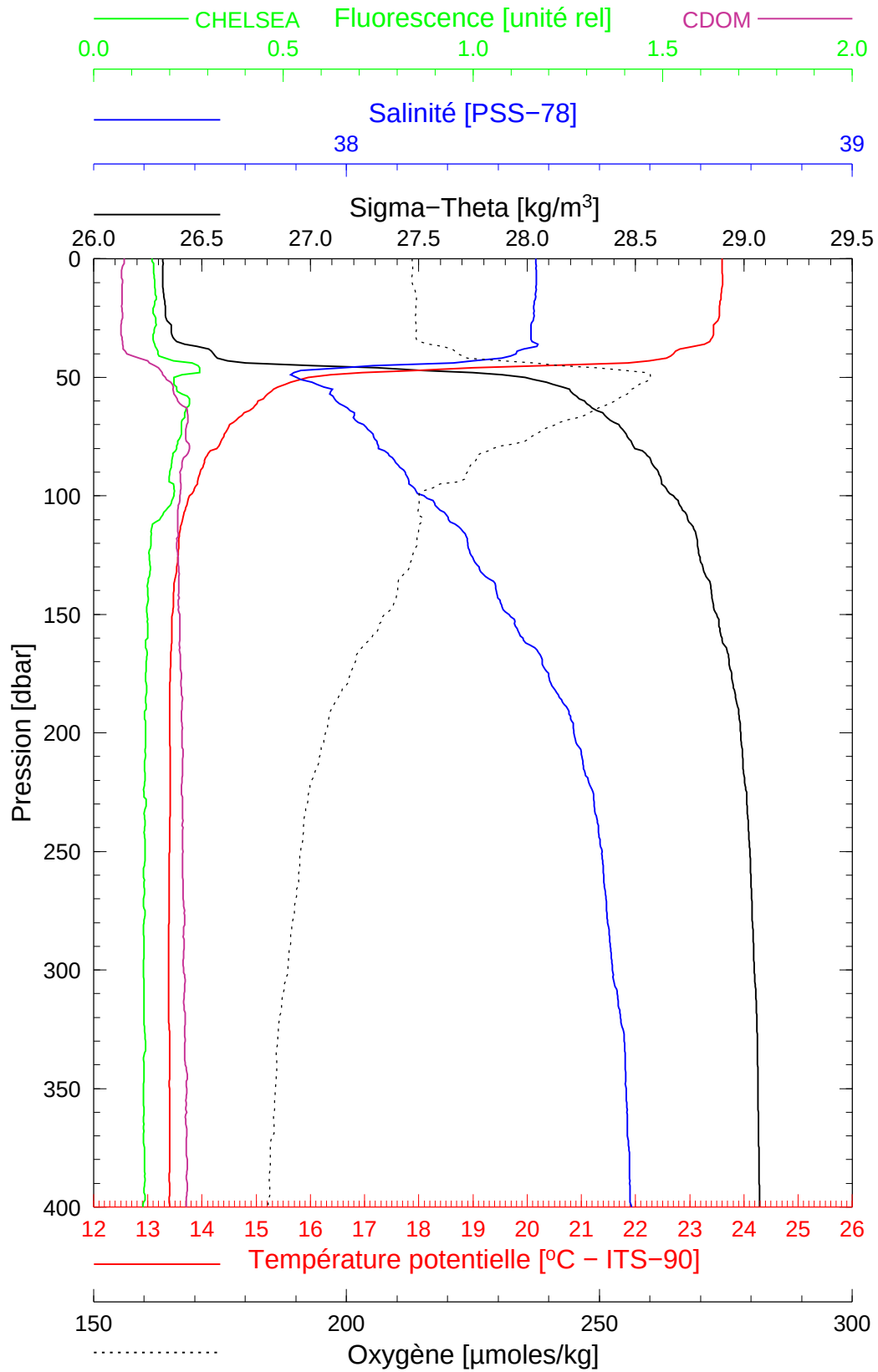
Latitude 43°37.039
Longitude 07°24.960

Boussole

16/09/2008

BOUS080916_07

BOUS007



Date 16/09/2008
Heure déb 15h 41min [TU]

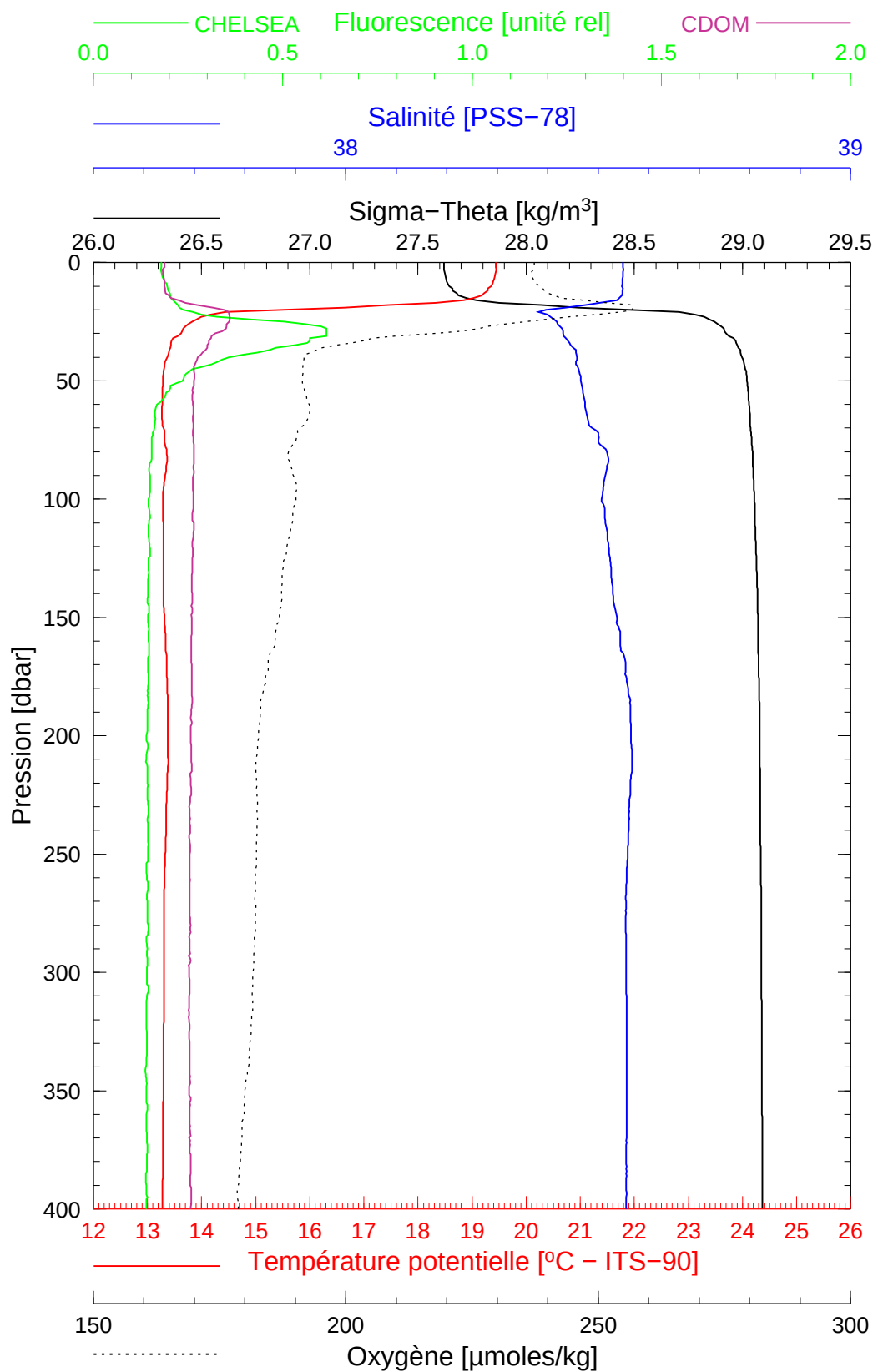
Latitude 43°39.045
Longitude 07°20.952

Boussole

17/09/2008

BOUS080917_08

BOUS008



Date 17/09/2008
Heure déb 08h 03min [TU]

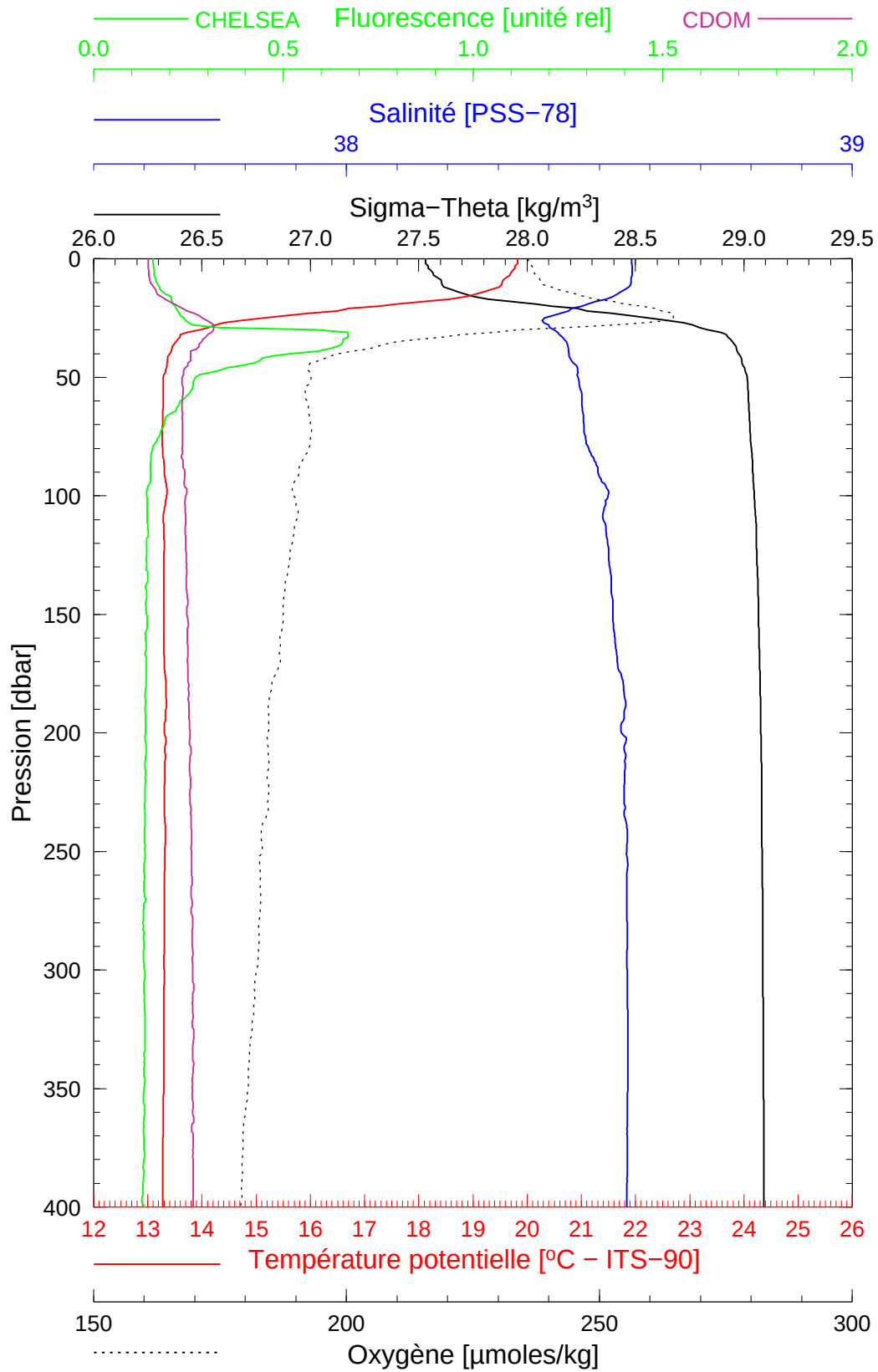
Latitude 43°22.127
Longitude 07°54.044

Boussole

17/09/2008

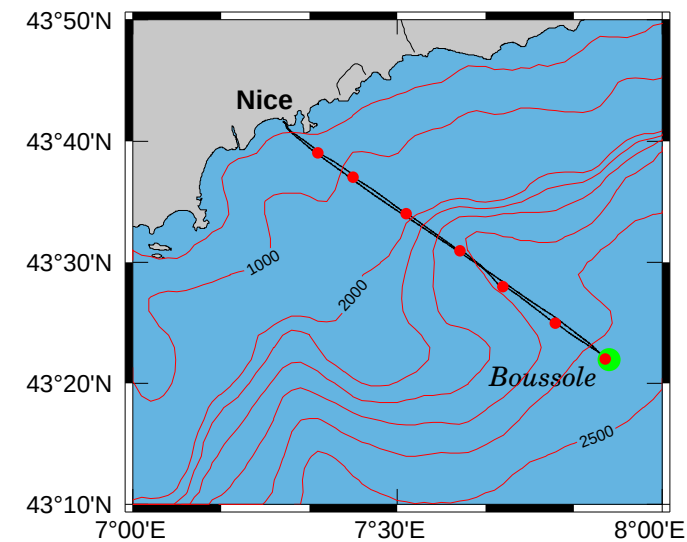
BOUS080917_09

BOUS009



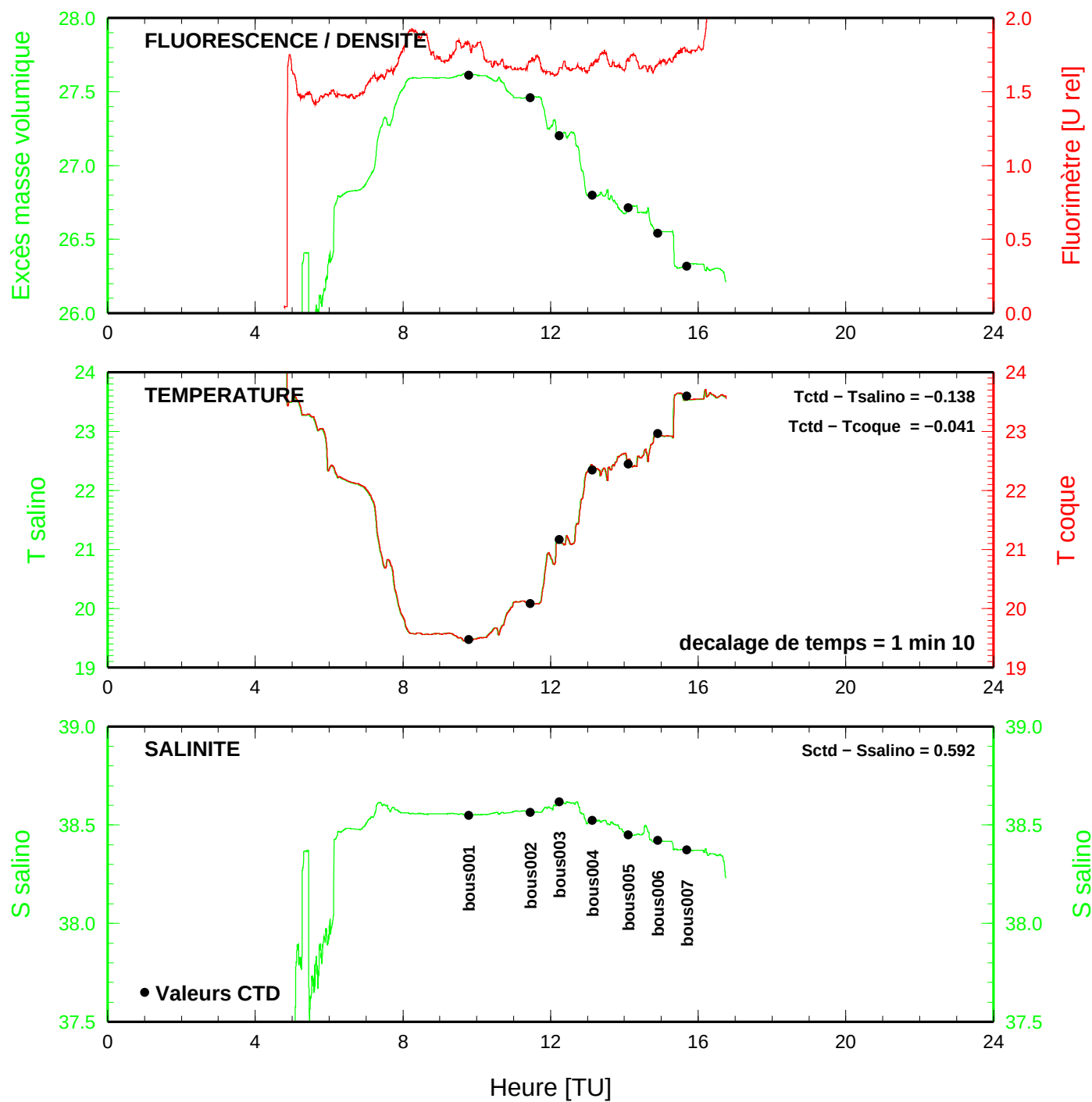
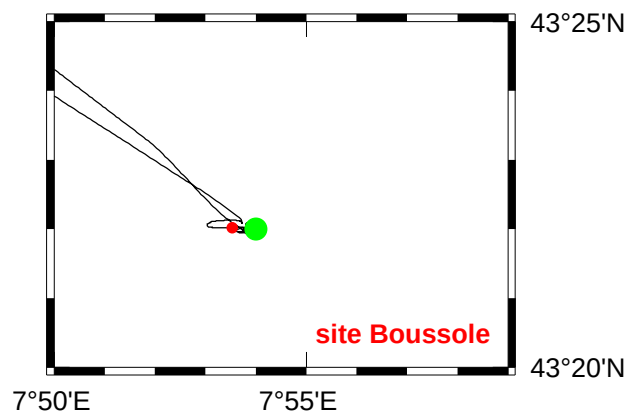
Date 17/09/2008
Heure déb 12h 21min [TU]

Latitude 43°21.853
Longitude 07°54.380

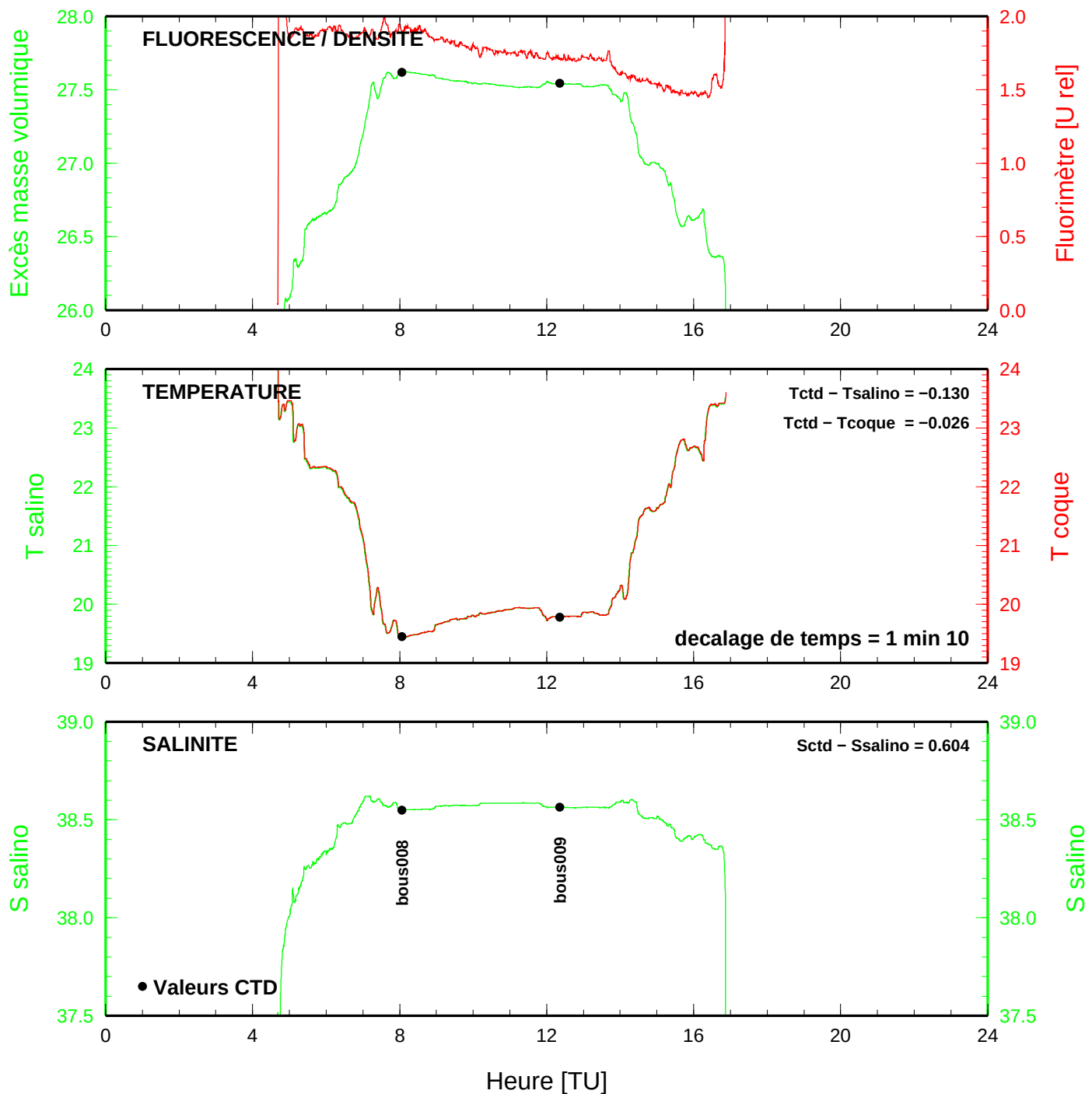
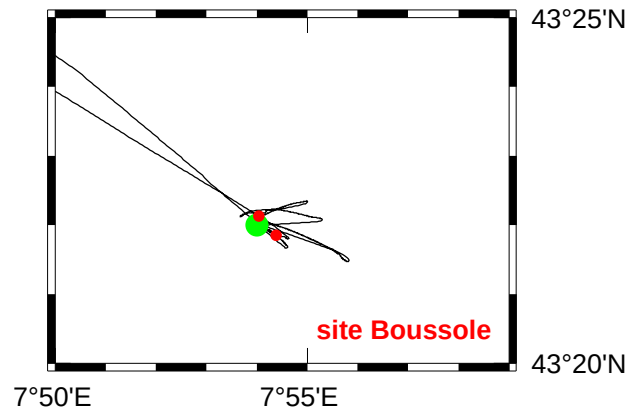
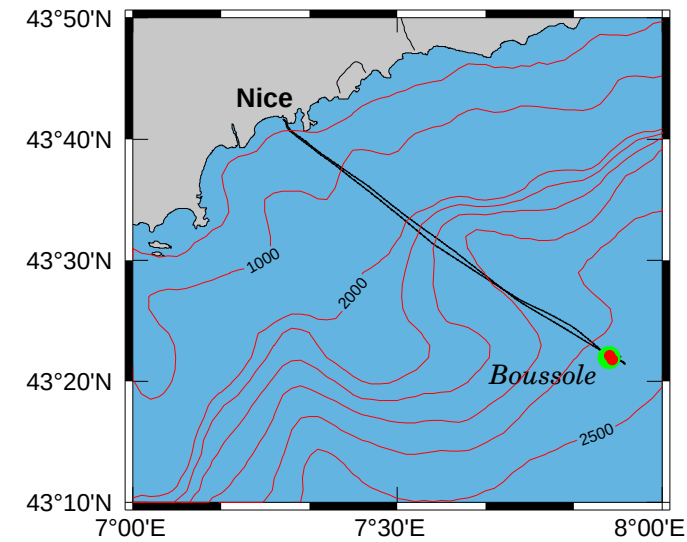


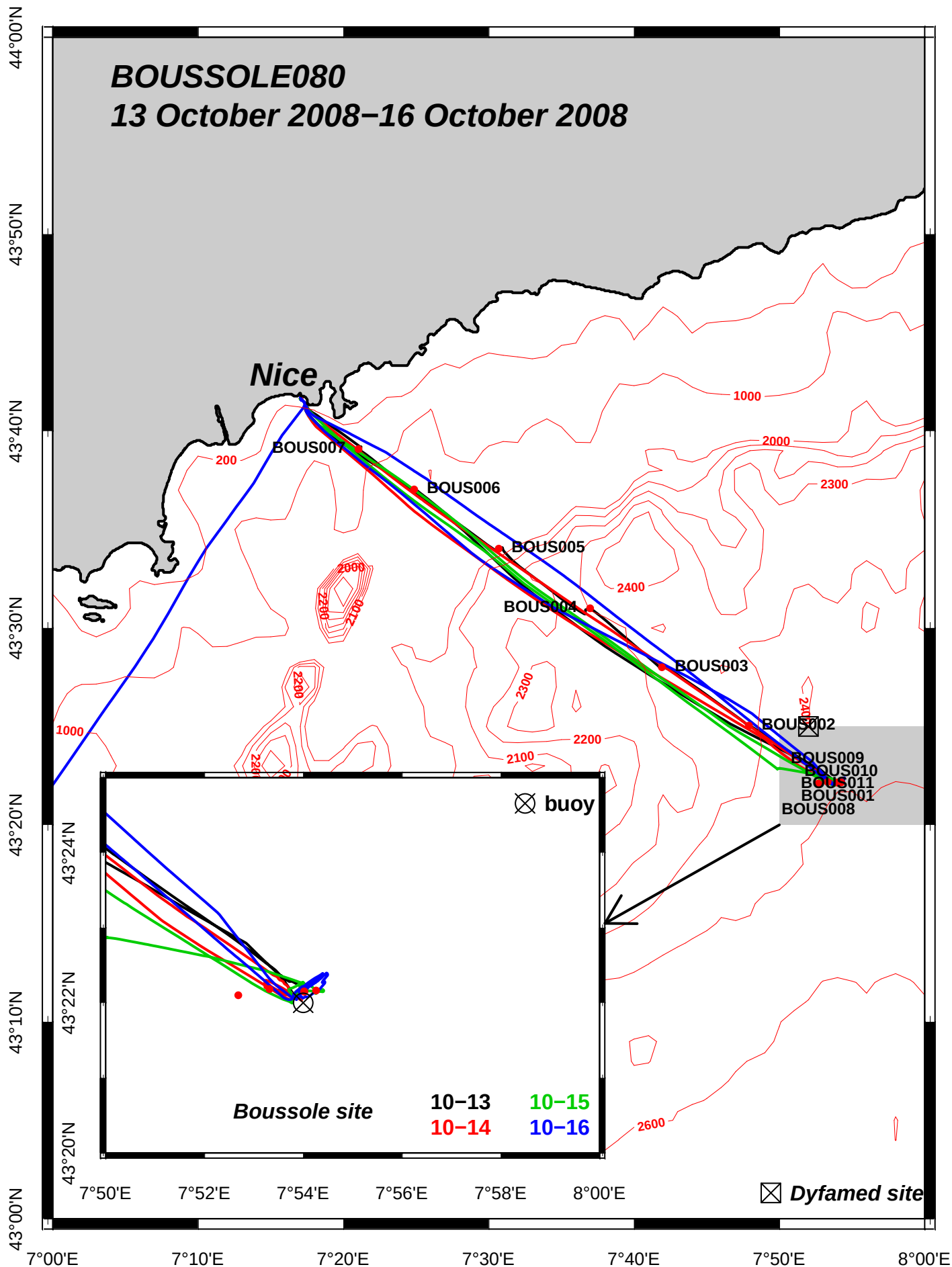
BOUSSOLE

16 septembre 2008



BOUSSOLE 17 septembre 2008





Instrument configuration file: C:\boussole\2008\200810\ctd\oct2008.com *

Configuration report for SBE 911plus/917plus CTD

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

1) Frequency 0, **Temperature**

Serial number : **1378**
Calibrated on : 05-Sep-08
G : 4.87113984e-003
H : 6.79469483e-004
I : 2.72588409e-005
J : 2.18859819e-006
F0 : 1000.000
Slope : 1.00000000
Offset : 0.0000

2) Frequency 1, **Conductivity**

Serial number : **2929**
Calibrated on : 22-Aug-2008
A : 9.40493954e-005
B : 1.42244833e+000
C : -1.06100142e+001
D : -8.47331394e-005
M : 3.8
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 : 04-Sep-08
Equation : Murphy-Larson
Coefficients for Owens-Millard:
Soc : 3.5840e-001
Boc : 0.0000
Offset : -0.4782
Tcor : 0.0012
Pcor : 1.35e-004
Tau : 0.0
Coefficients for Murphy-Larson:
Soc : 3.61700e-001
Offset : -4.81500e-001
A : -1.06250e-003
B : 1.19560e-004
C : -2.77550e-006
E : 3.60000e-002
Tau : 9.80000e-001

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 : 04-Sep-08
Vblank : 0.045
Scale factor : 62.000

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

Serial number : **887DR**
Calibrated on : 22-Sep-08
M : 21.4270
B : -1.2856
Path length : 0.250

10) A/D voltage 6, Free

11) A/D voltage 7, Free

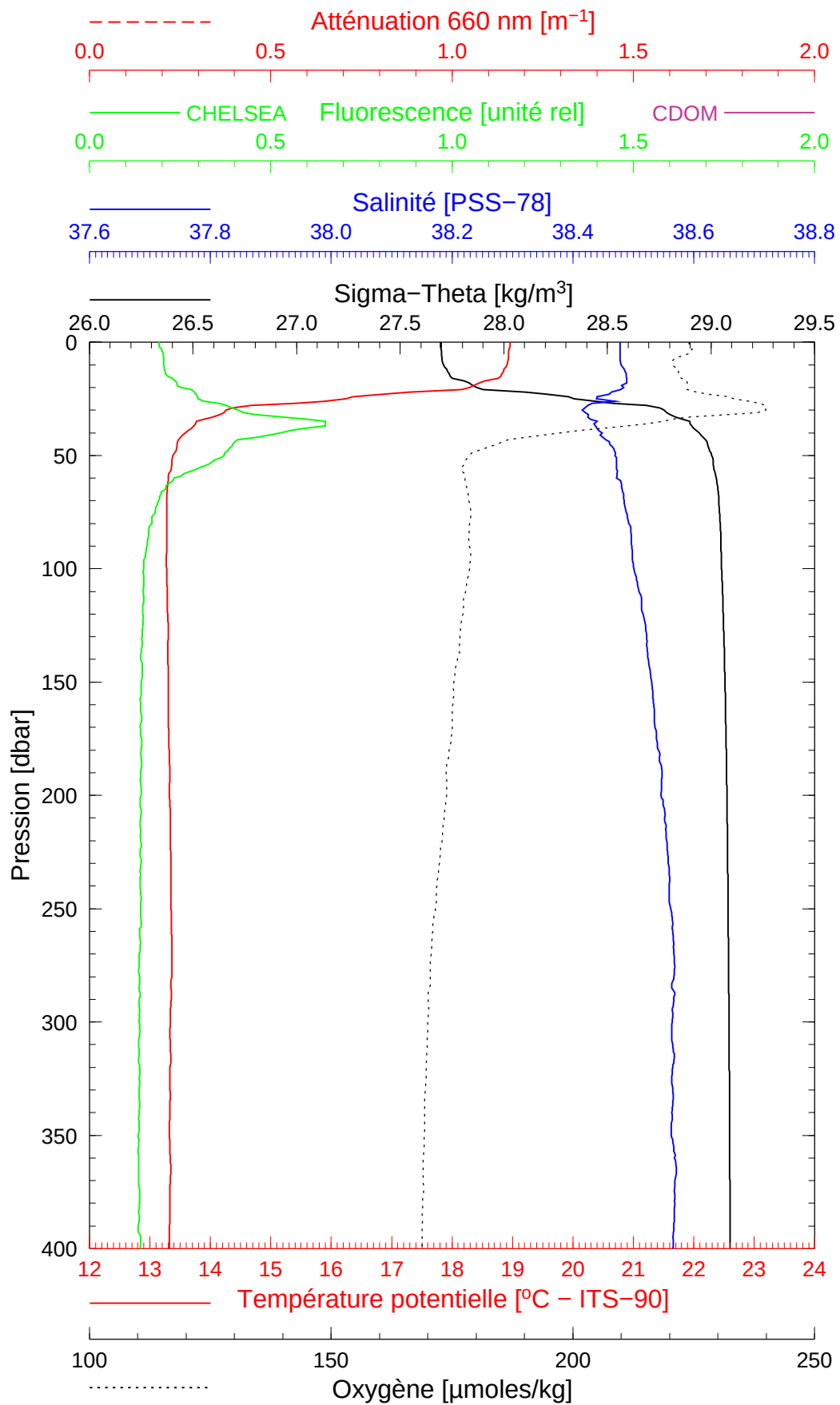
* - The configuration was changed after the file was opened.

Boussole 80

13/10/2008

BOUS081013_01

BOUS001



Date 13/10/2008
Heure déb 08h 53min [TU]

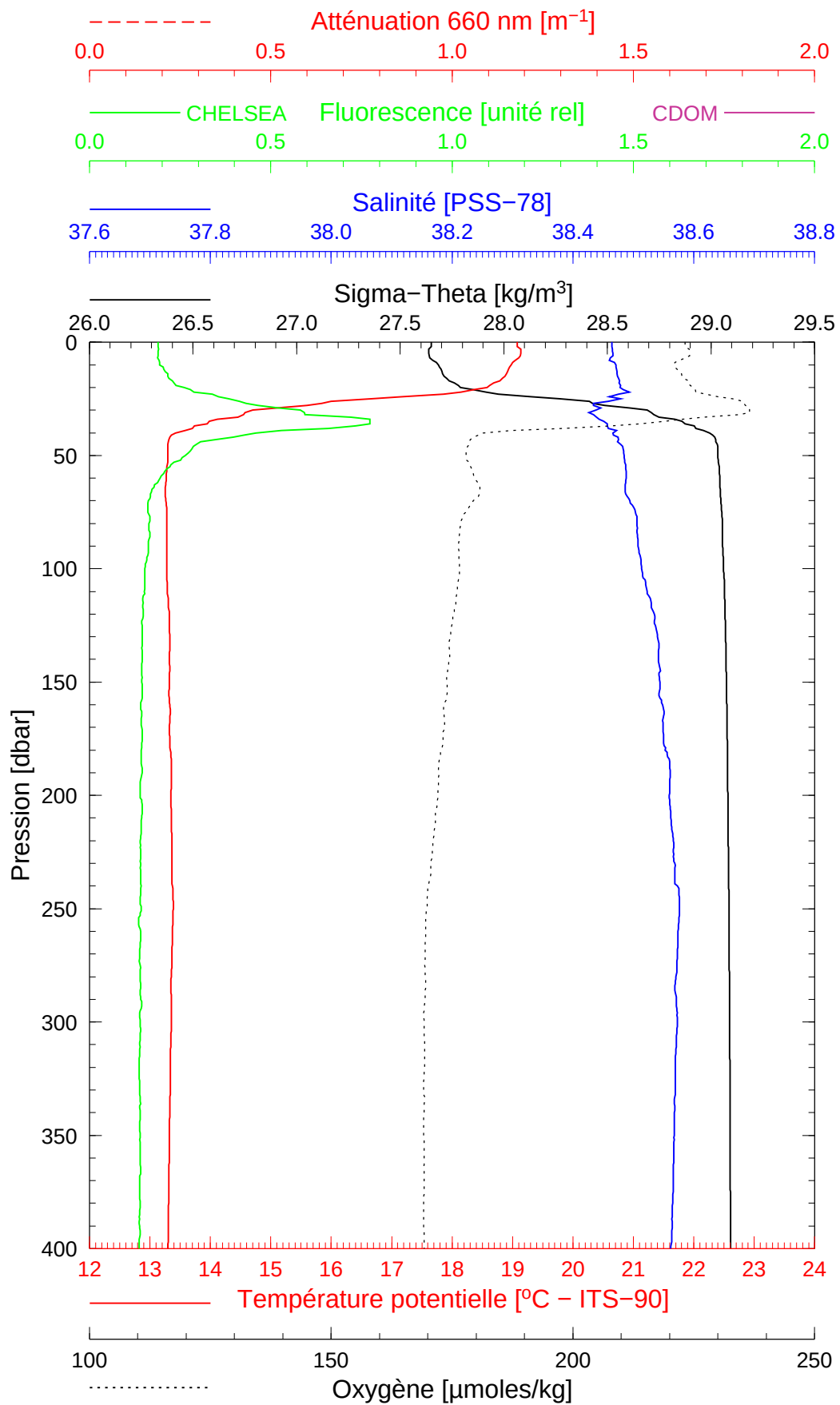
Latitude 43°22.147
Longitude 07°54.025

Boussole 80

13/10/2008

BOUS081013_02

BOUS002



Date 13/10/2008
Heure déb 11h 01min [TU]

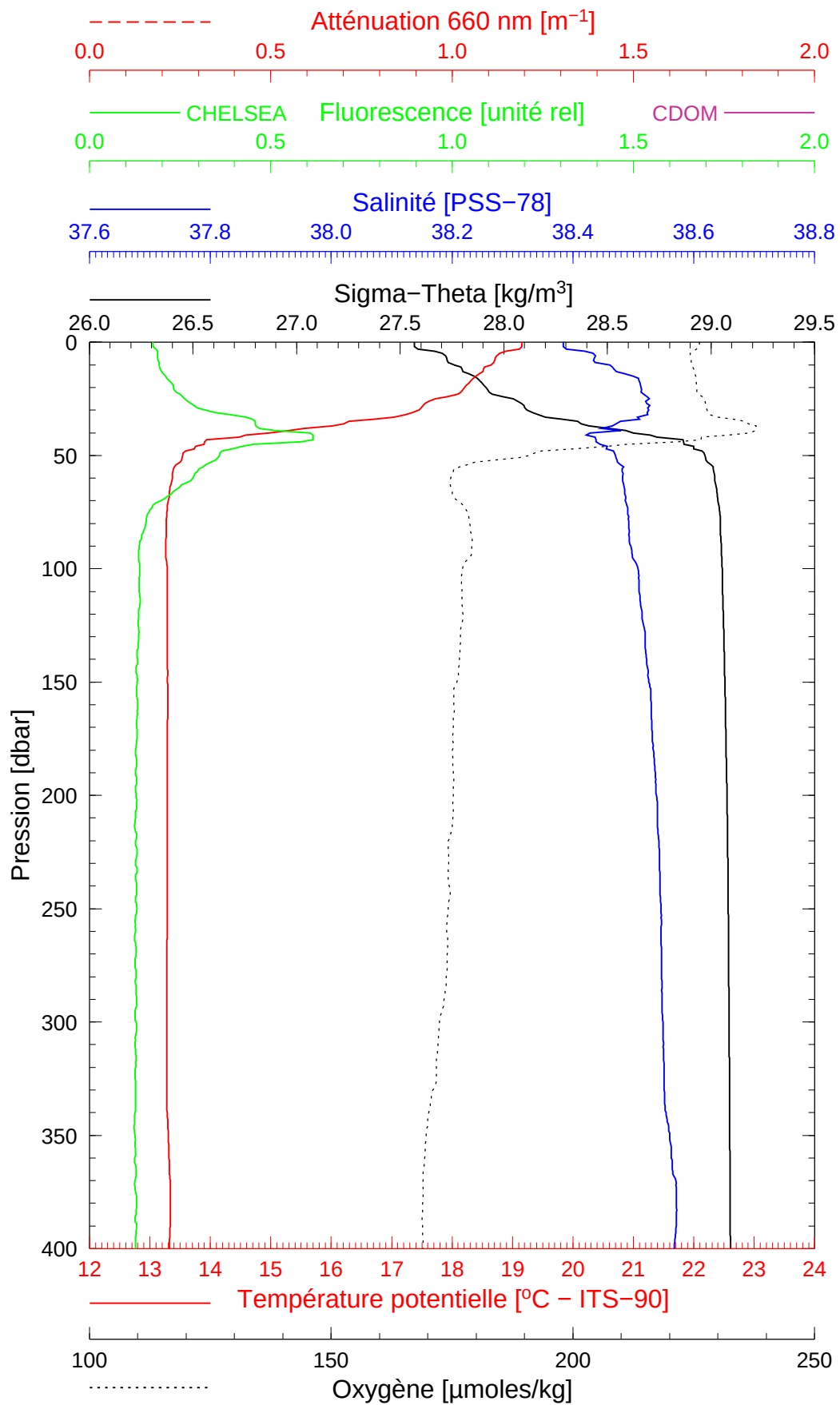
Latitude 43°25.044
Longitude 07°47.908

Boussole 80

13/10/2008

BOUS081013_03

BOUS003



Date 13/10/2008
Heure déb 12h 01min [TU]

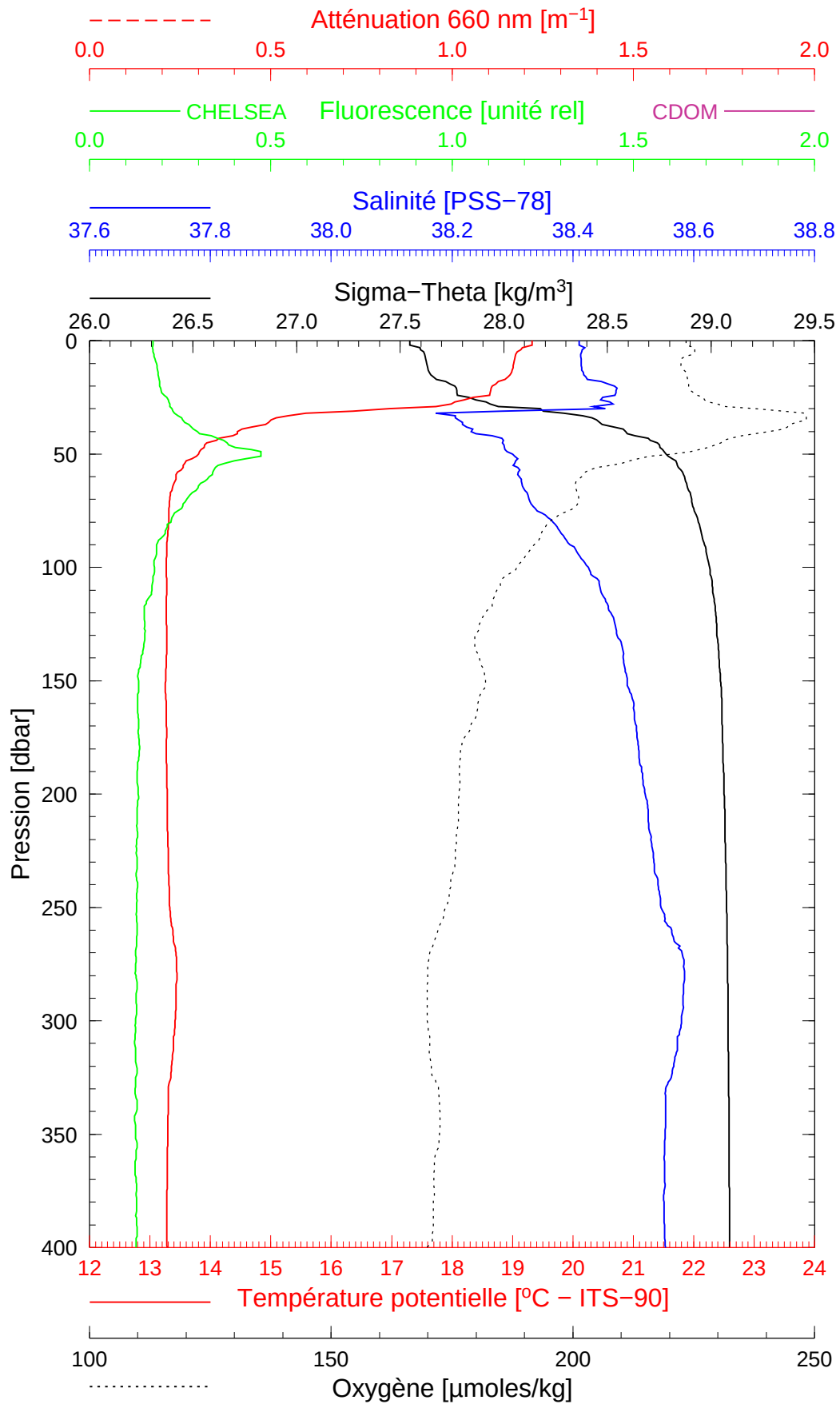
Latitude 43°28.007
Longitude 07°41.917

Boussole 80

13/10/2008

BOUS081013_04

BOUS004



Date 13/10/2008
Heure déb 12h 59min [TU]

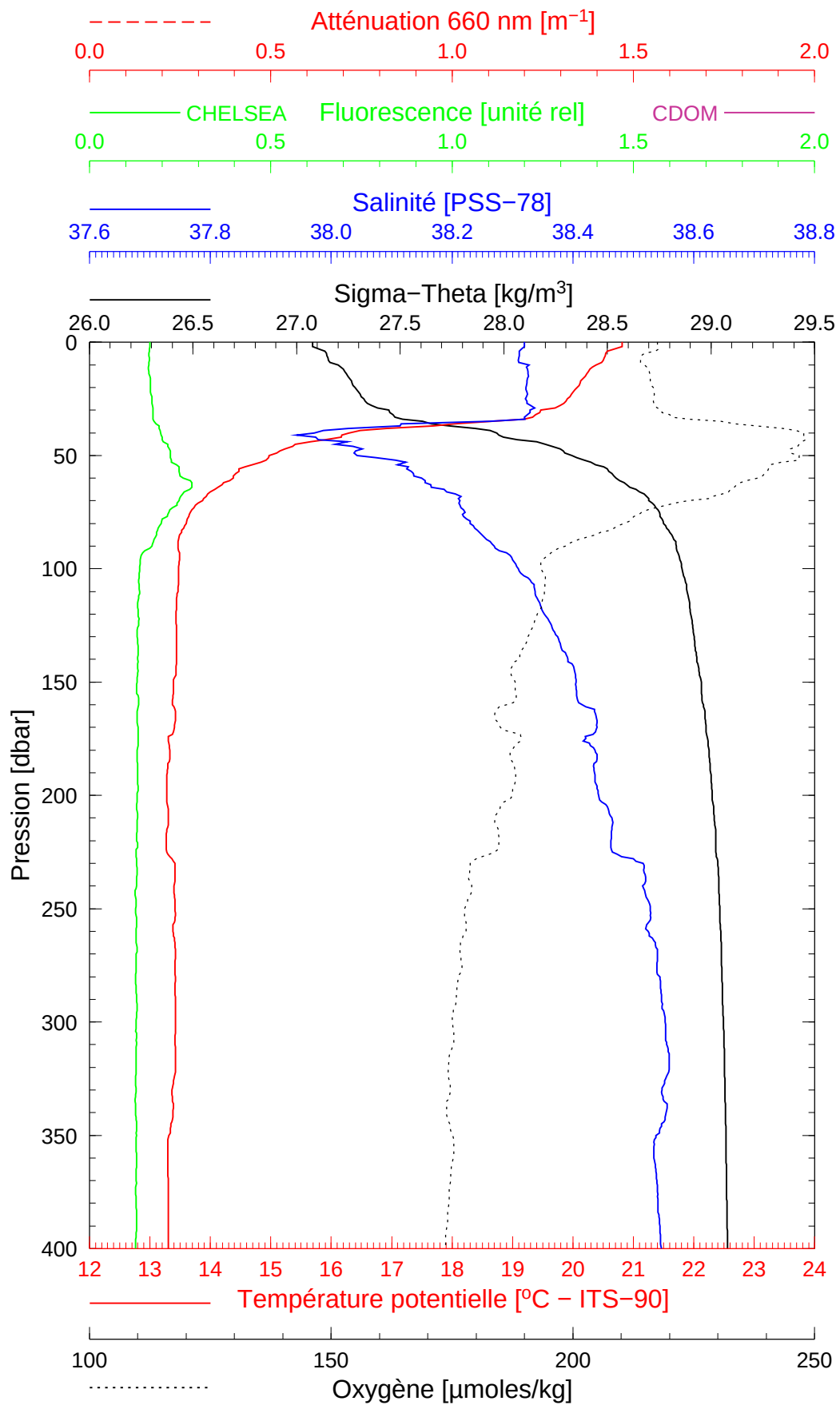
Latitude 43°31.002
Longitude 07°36.978

Boussole 80

13/10/2008

BOUS081013_05

BOUS005



Date 13/10/2008
Heure déb 14h 04min [TU]

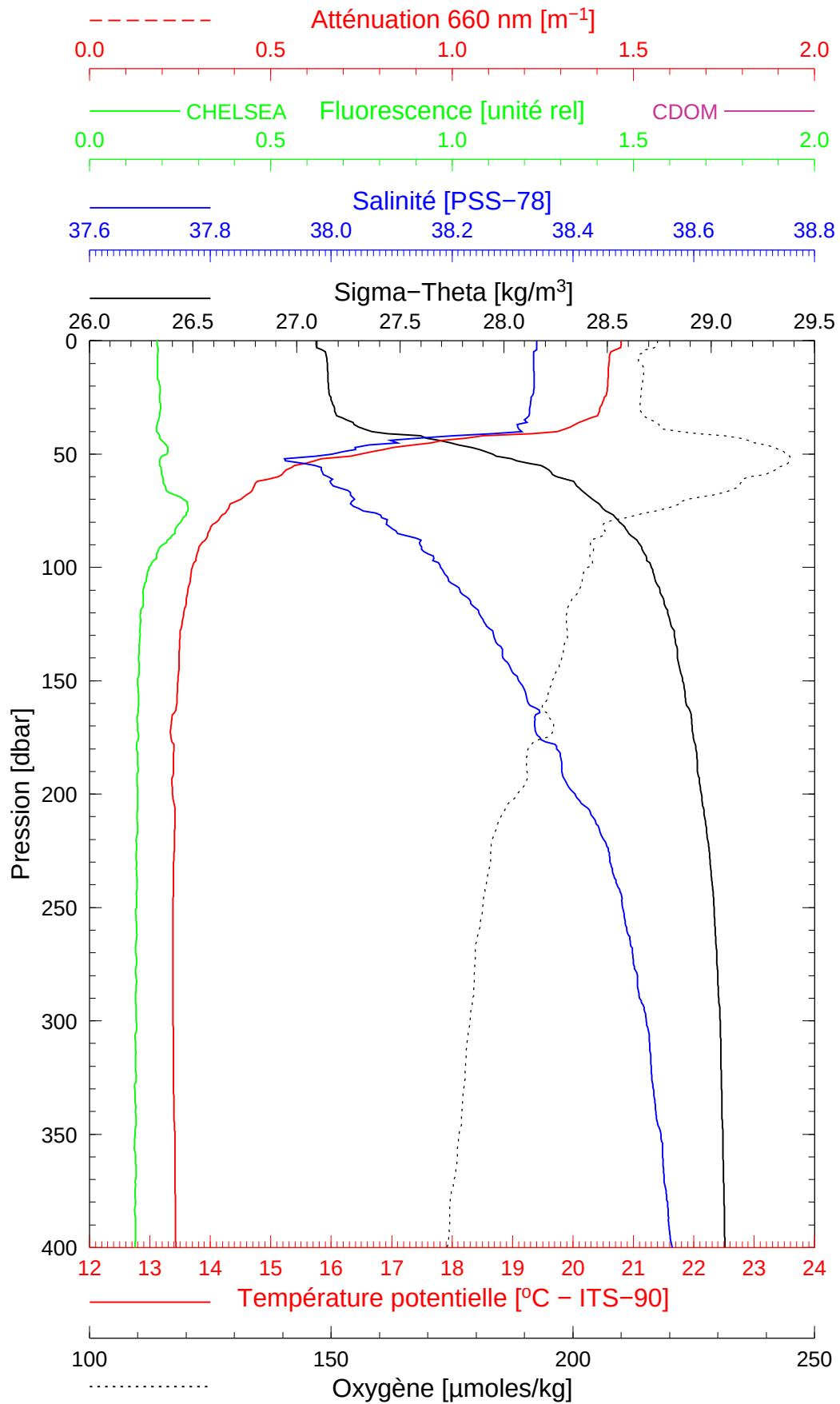
Latitude 43°34.029
Longitude 07°30.691

Boussole 80

13/10/2008

BOUS081013_06

BOUS006



Date 13/10/2008
Heure déb 15h 04min [TU]

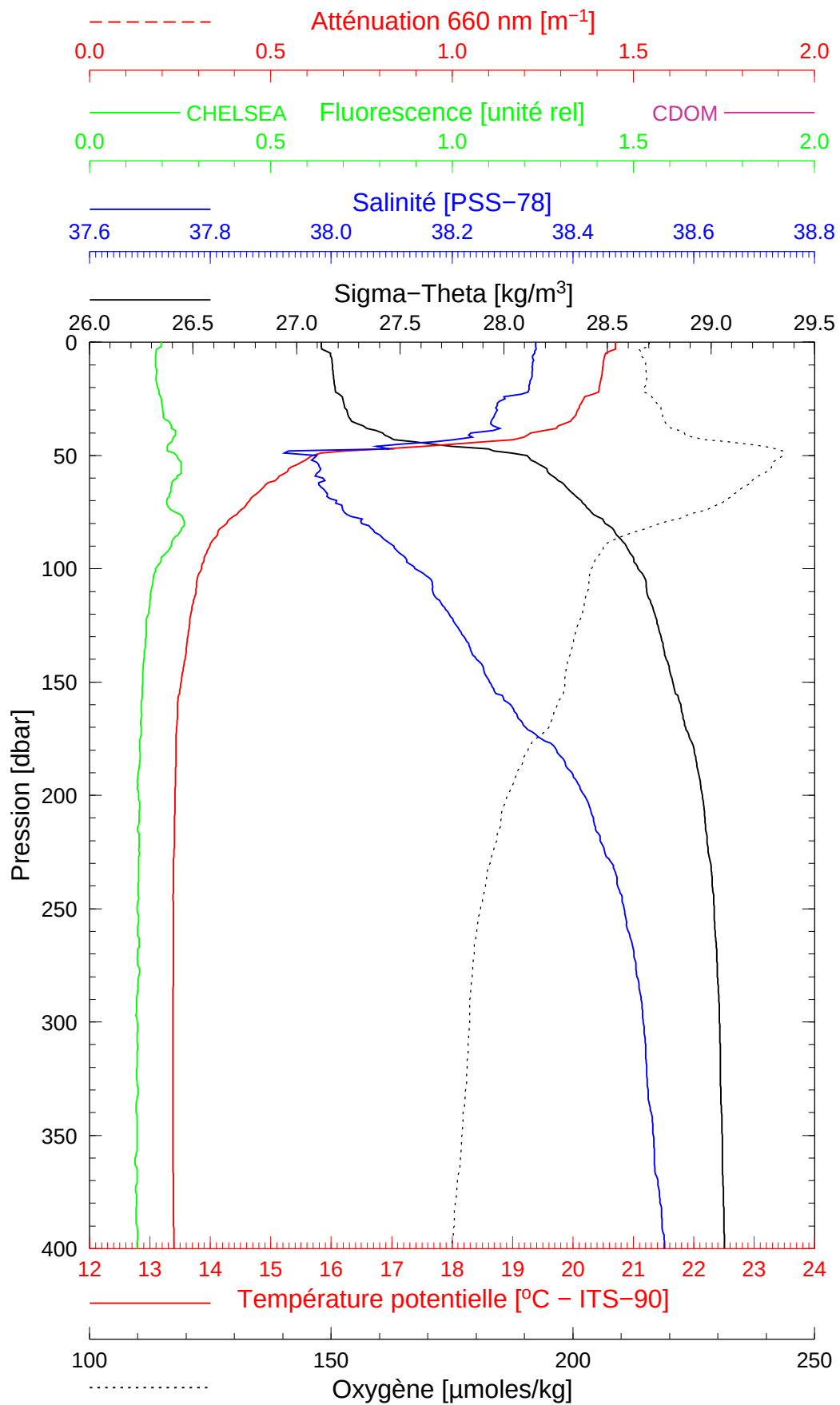
Latitude 43°37.036
Longitude 07°24.870

Boussole 80

13/10/2008

BOUS081013_07

BOUS007



Date 13/10/2008
Heure déb 15h 53min [TU]

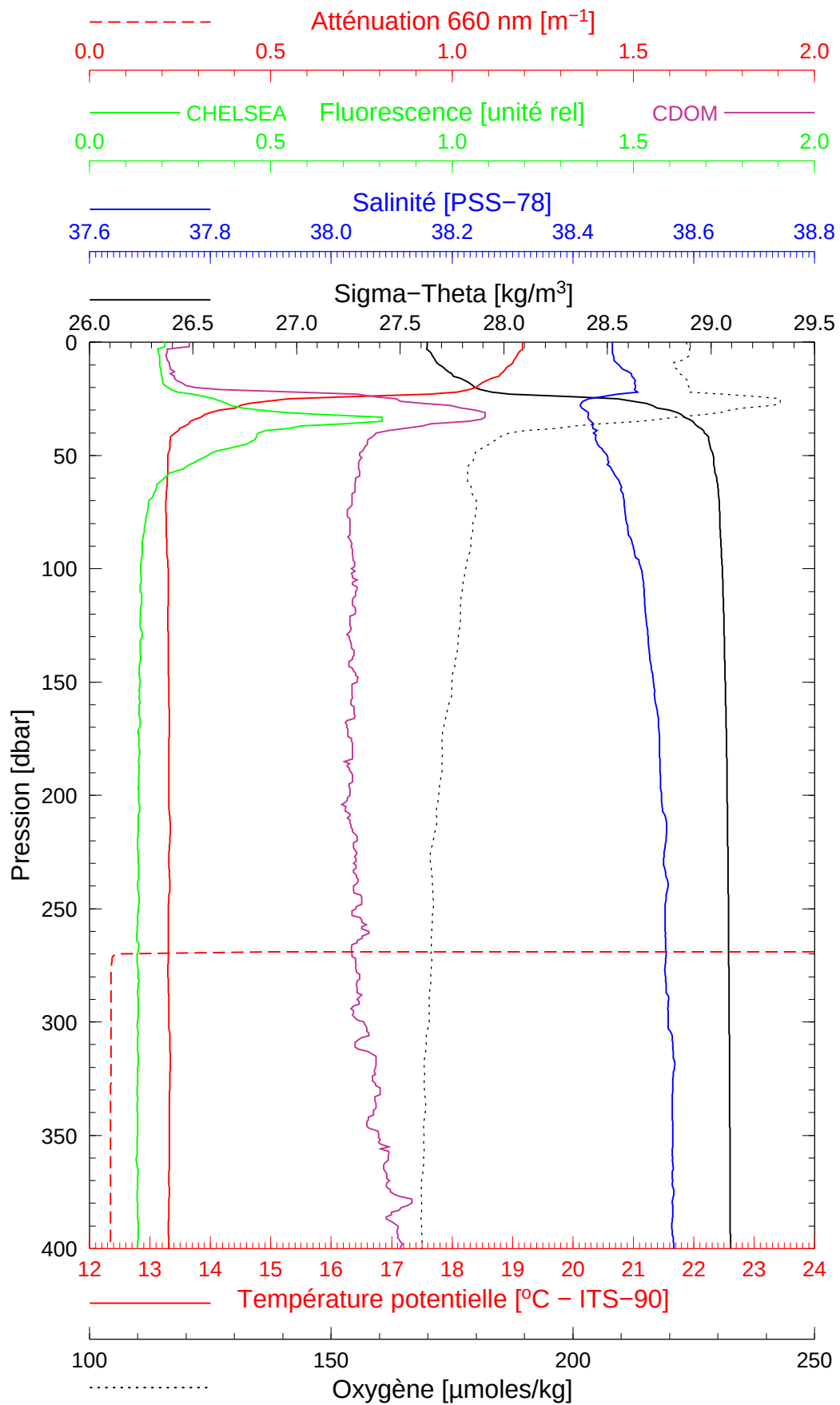
Latitude 43°39.084
Longitude 07°21.044

Boussole 80

14/10/2008

BOUS081014_01

BOUS008



Date 14/10/2008
Heure déb 09h 13min [TU]

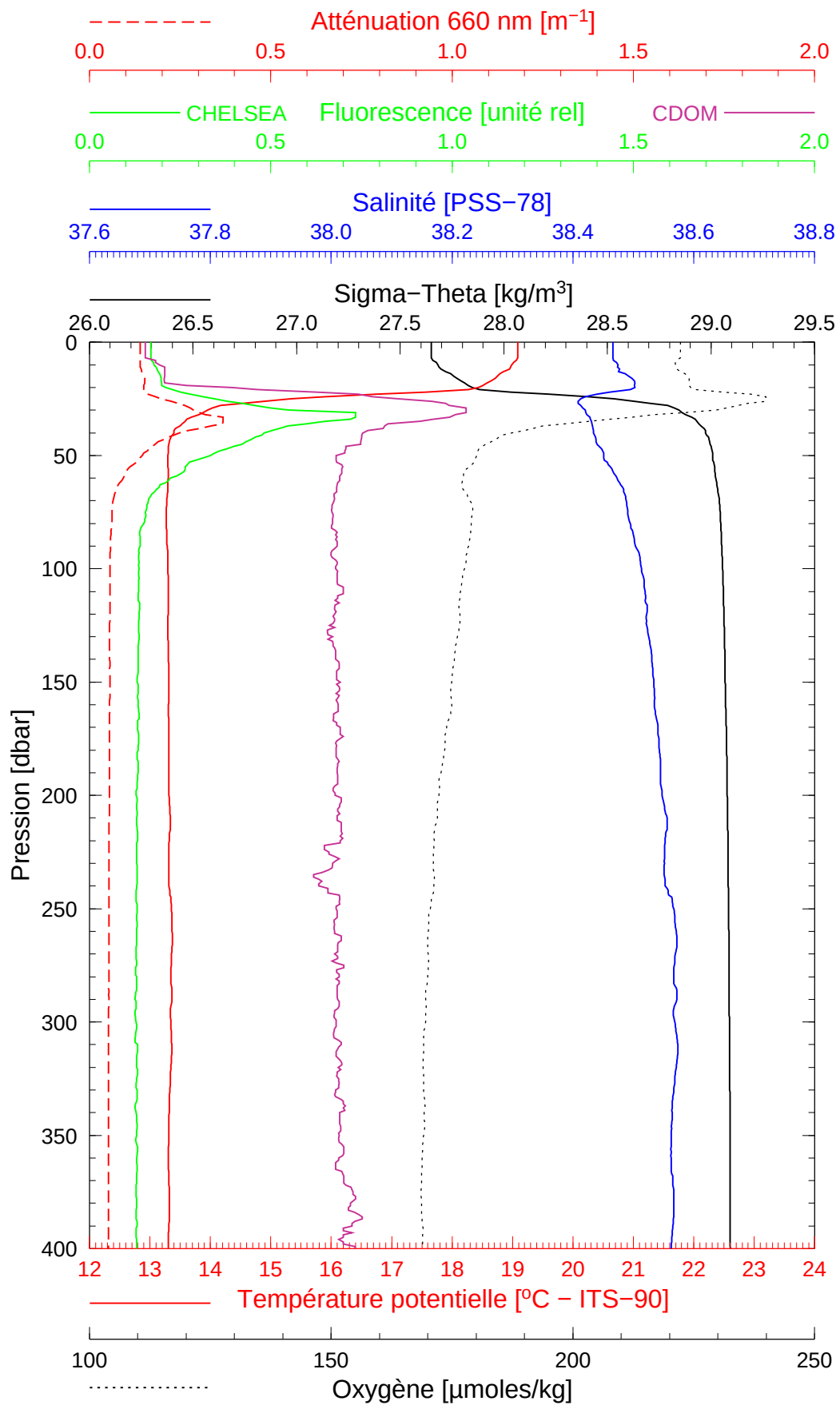
Latitude 43°22.101
Longitude 07°52.686

Boussole 80

14/10/2008

BOUS081014_02

BOUS009



Date 14/10/2008
Heure déb 11h 31min [TU]

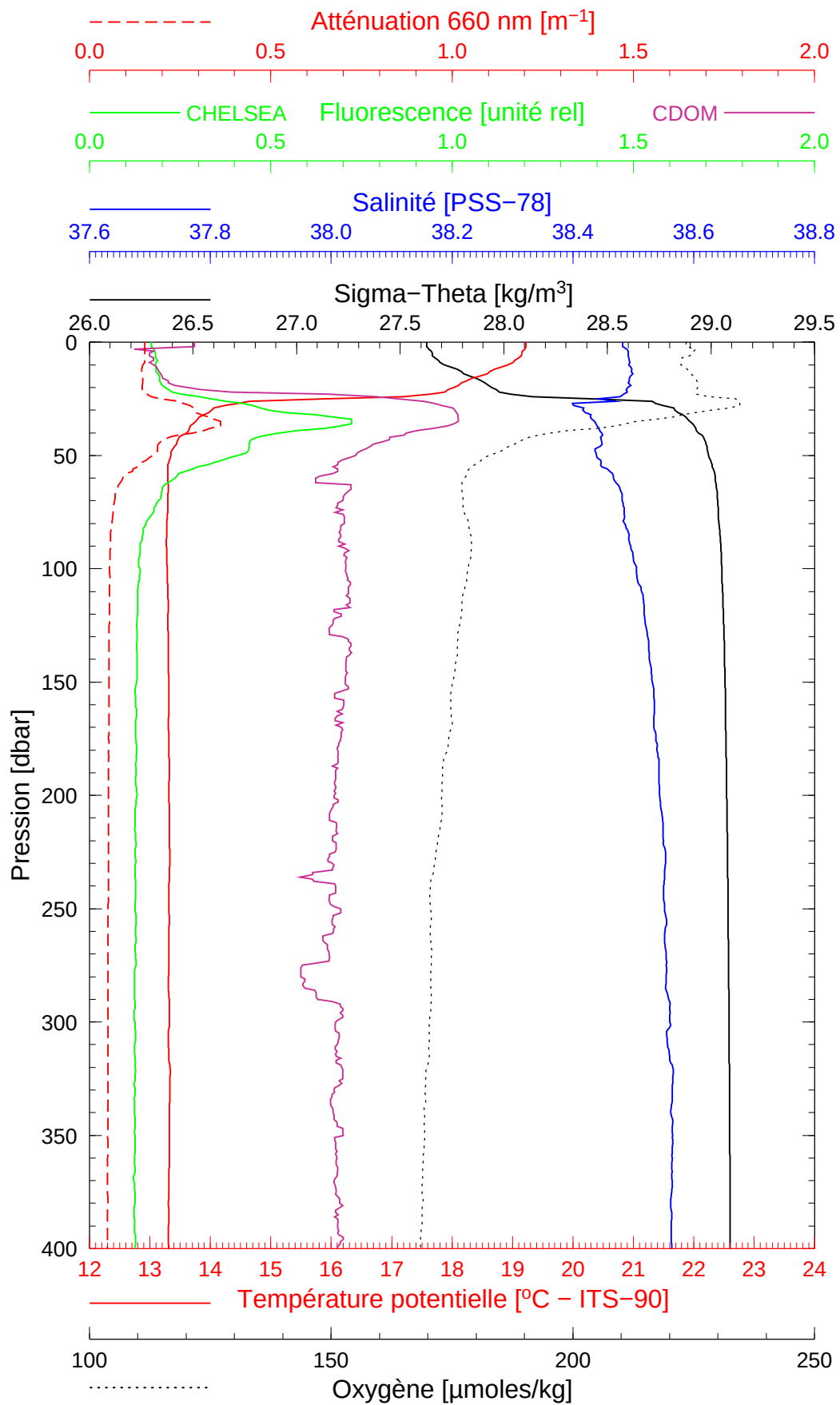
Latitude 43°22.183
Longitude 07°53.317

Boussole 80

15/10/2008

BOUS081015_01

BOUS010



Date 15/10/2008
Heure déb 11h 09min [TUJ]

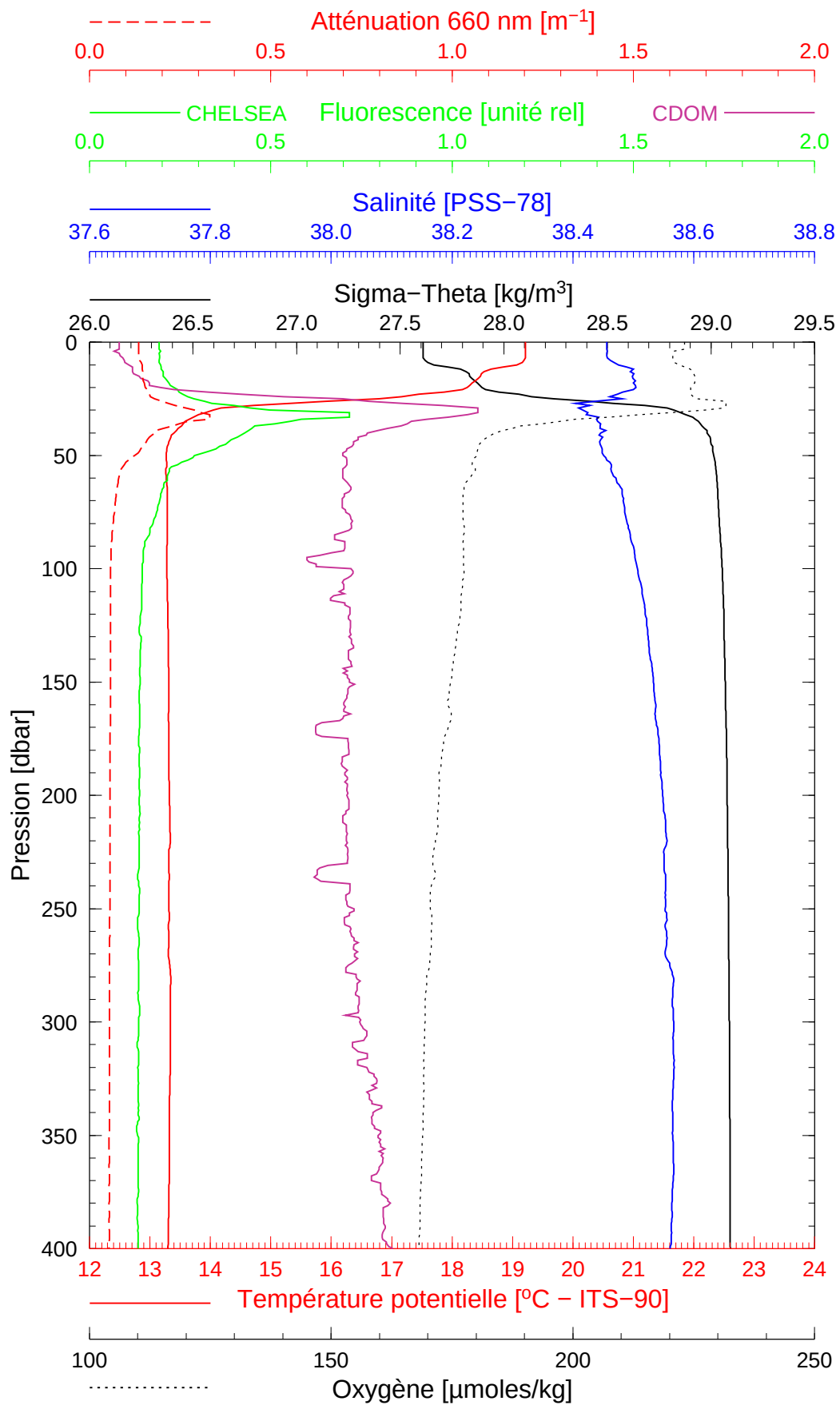
Latitude 43°22.164
Longitude 07°54.261

Boussole 80

15/10/2008

BOUS081016_01

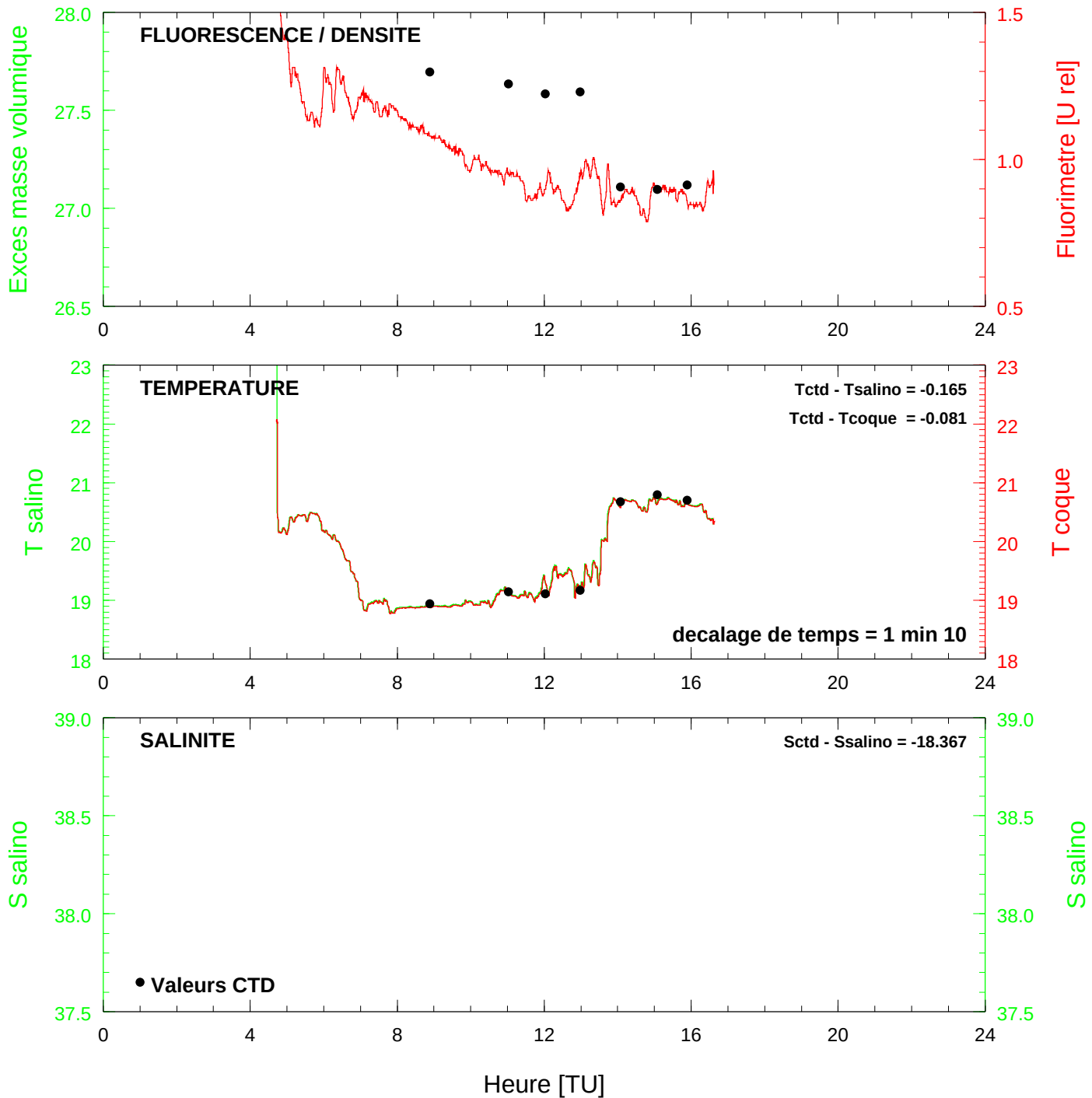
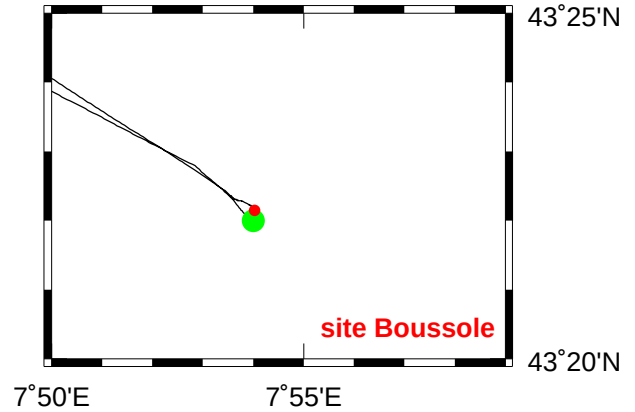
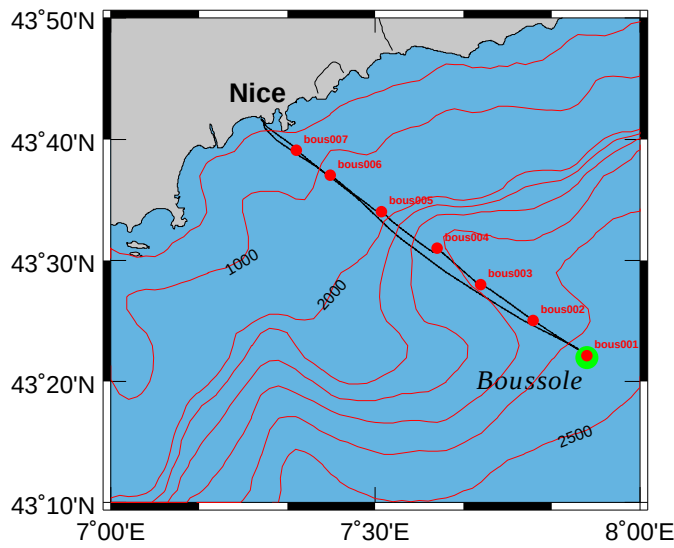
BOUS011



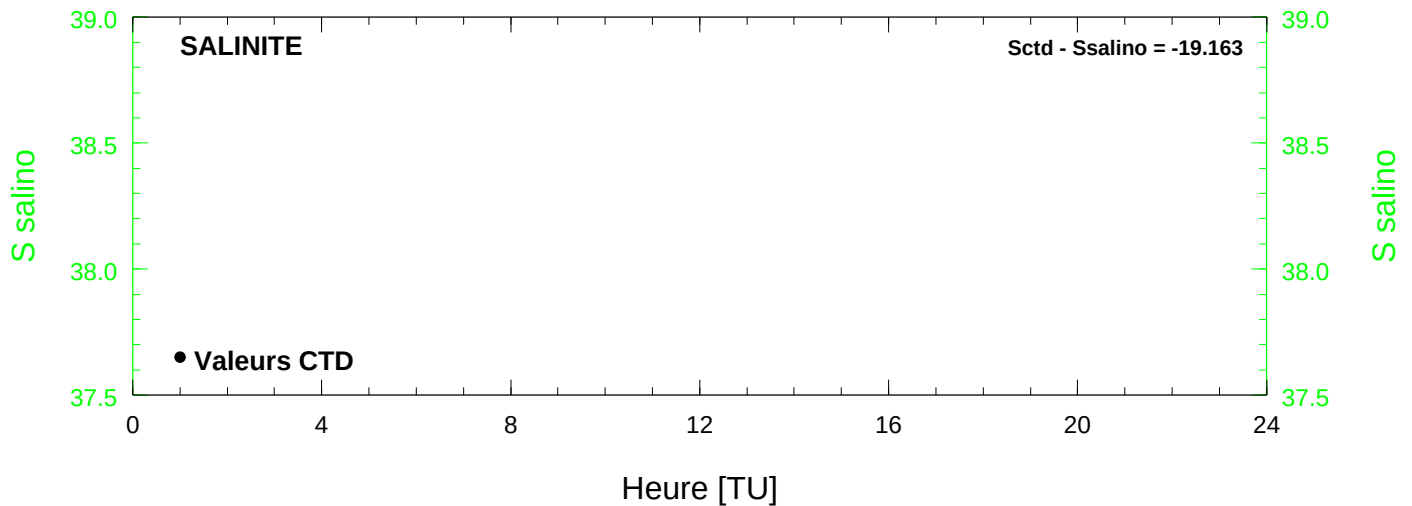
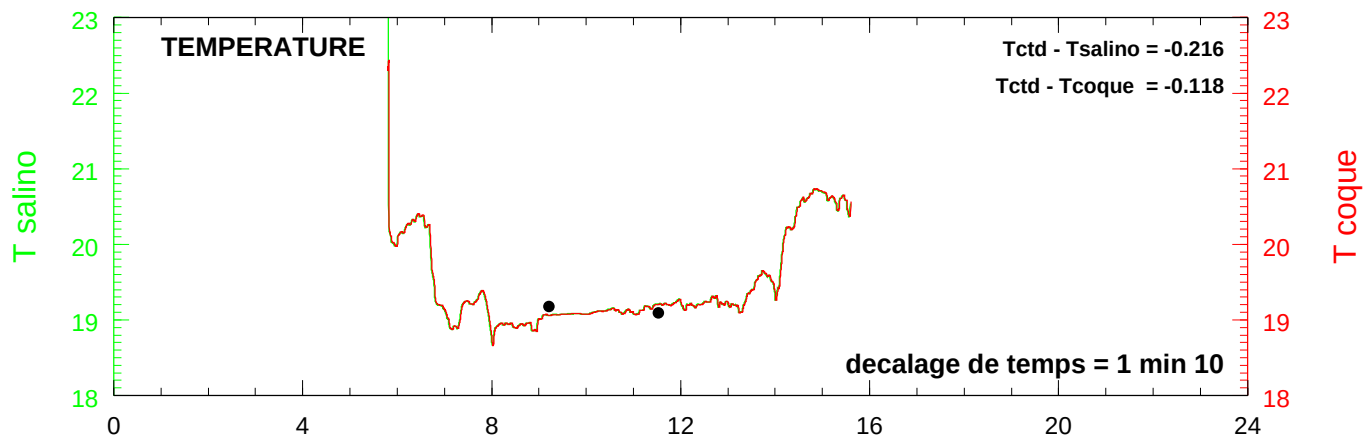
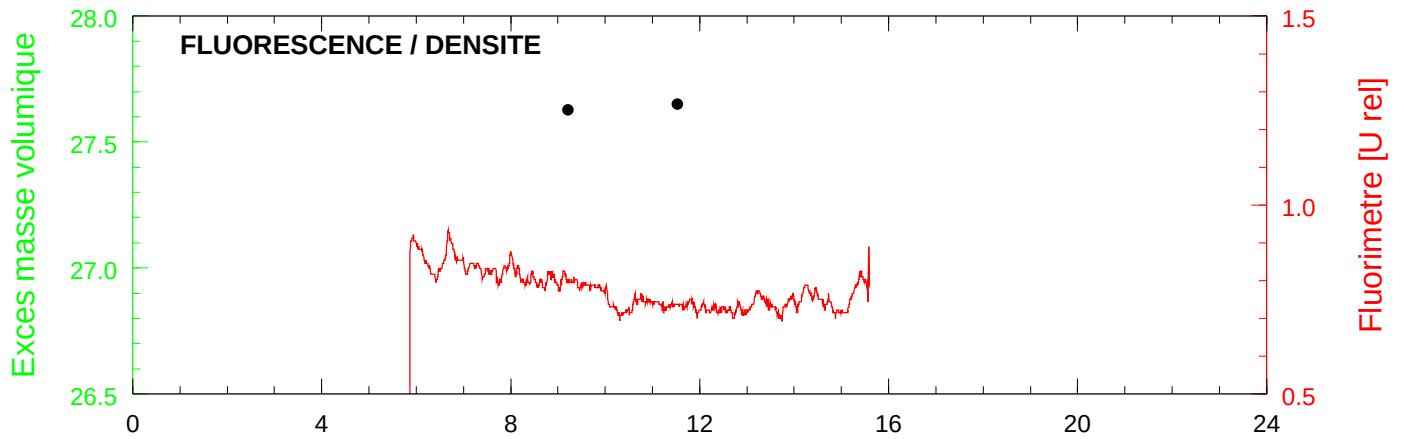
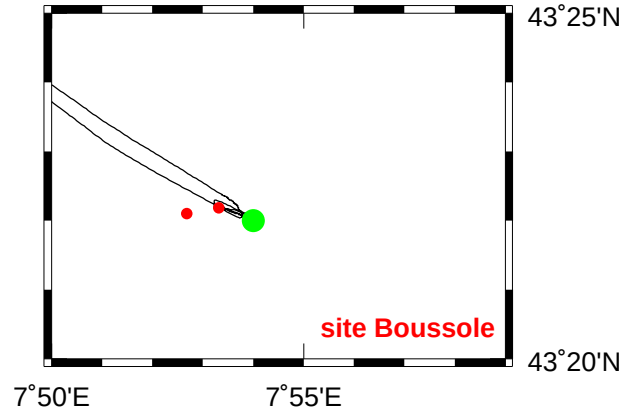
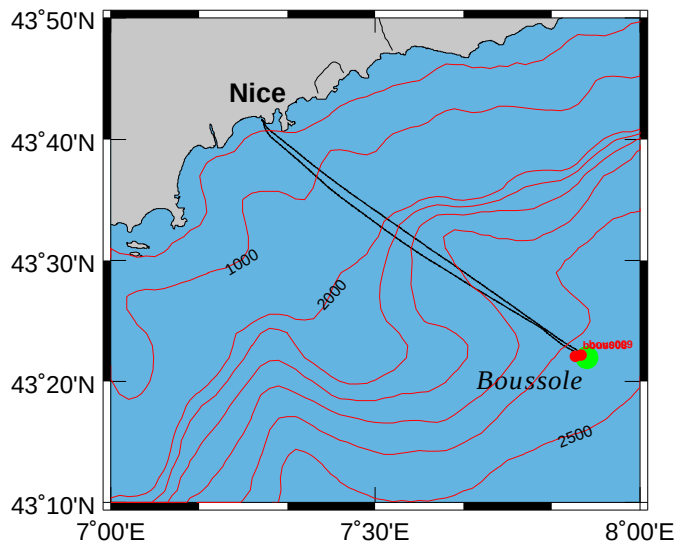
Date 15/10/2008
Heure déb 08h 38min [TU]

Latitude 43°22.152
Longitude 07°54.018

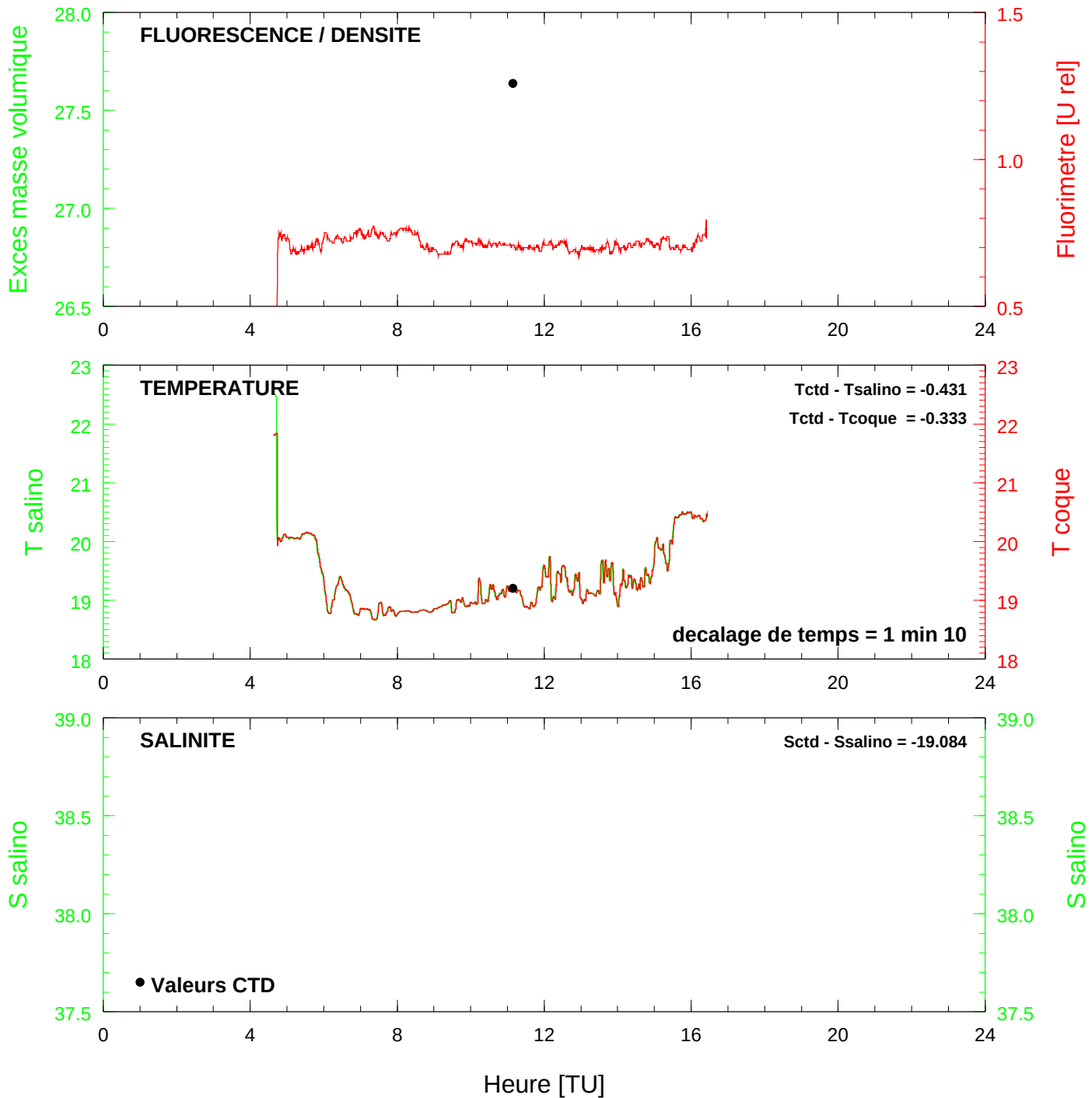
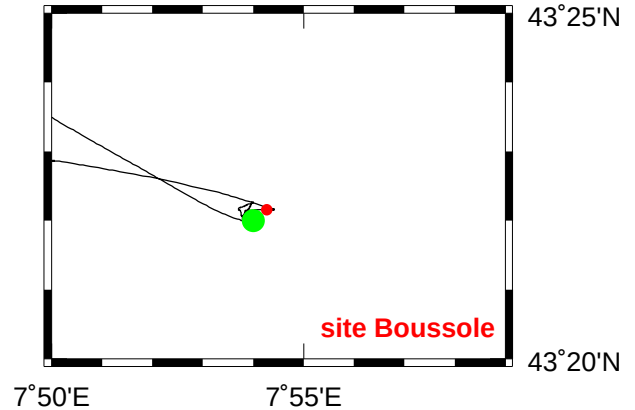
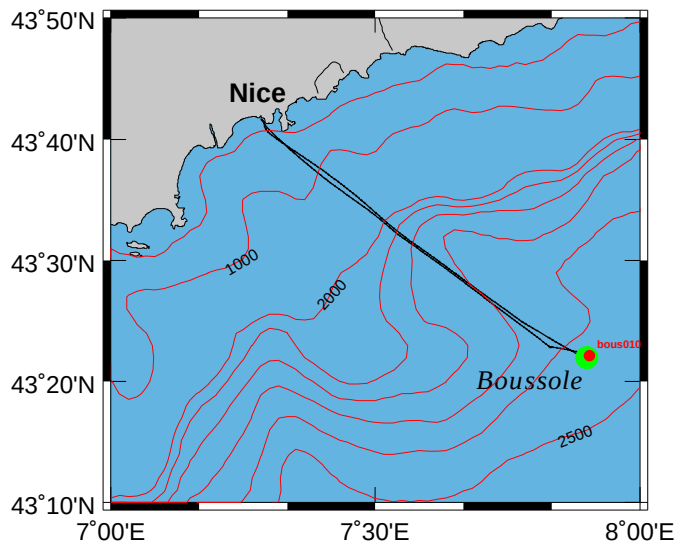
BOUSSOLE 80 13 octobre 2008



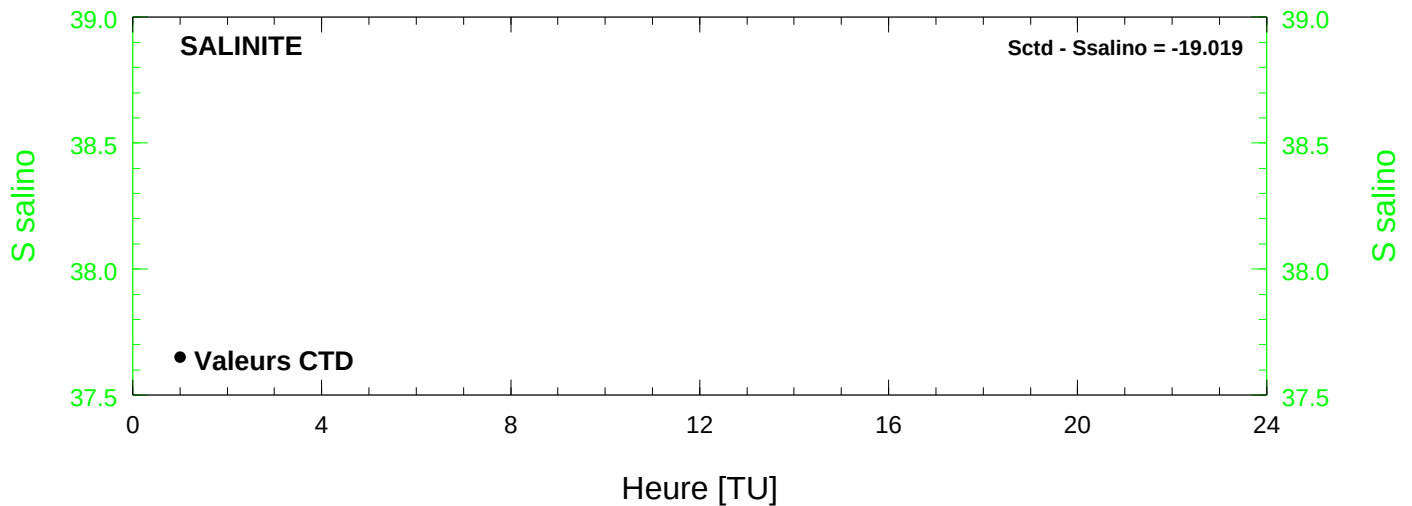
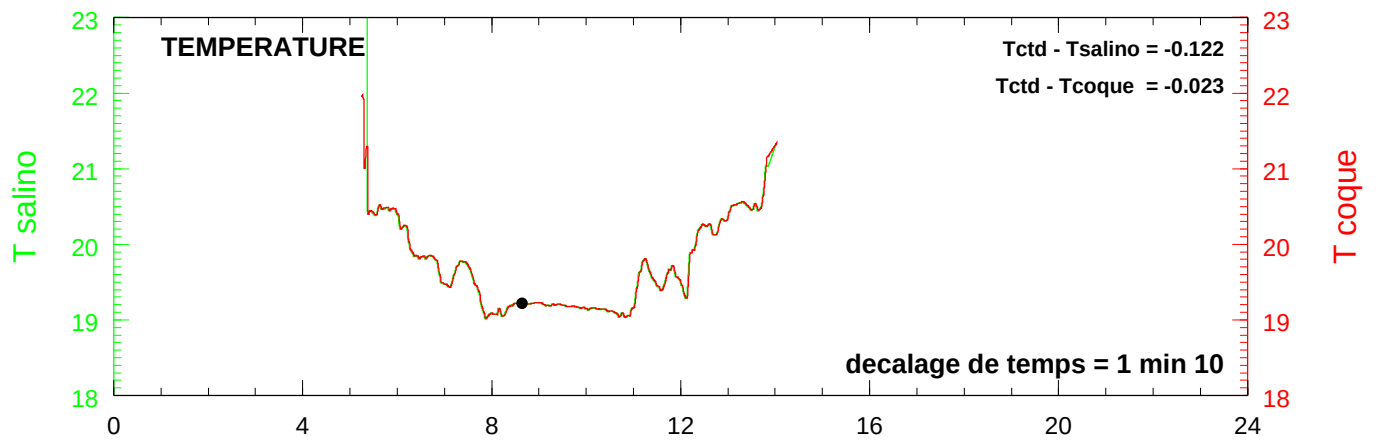
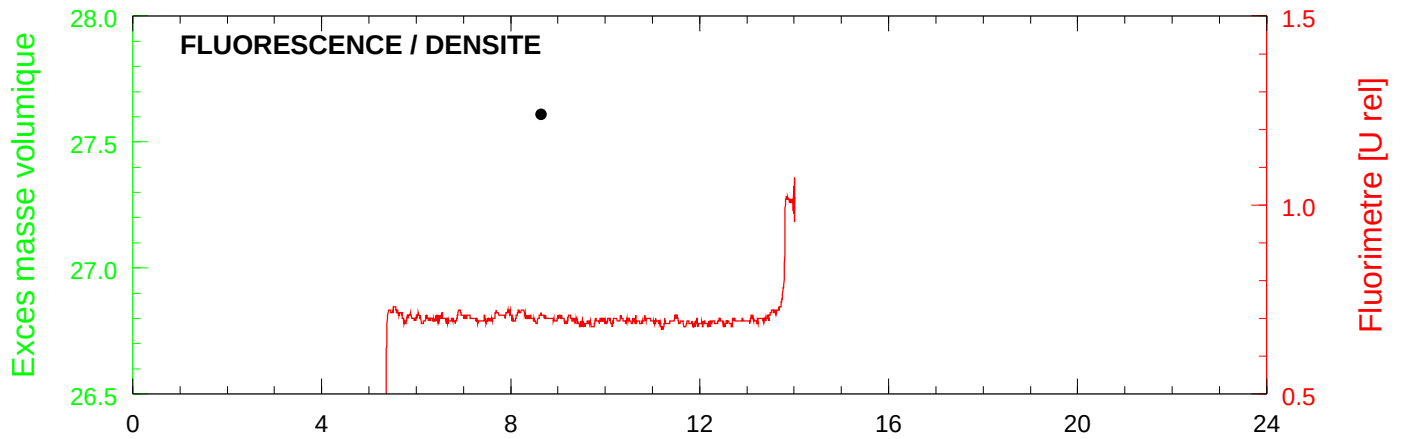
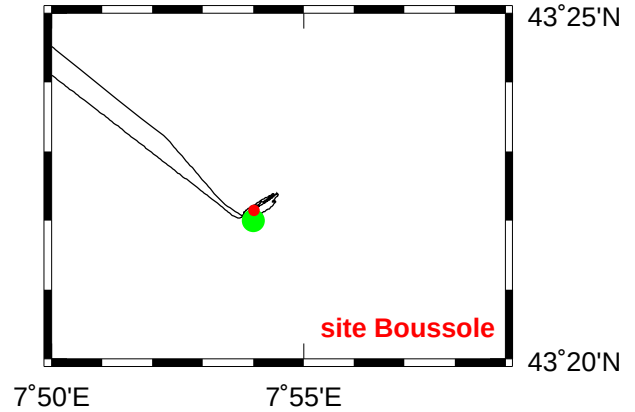
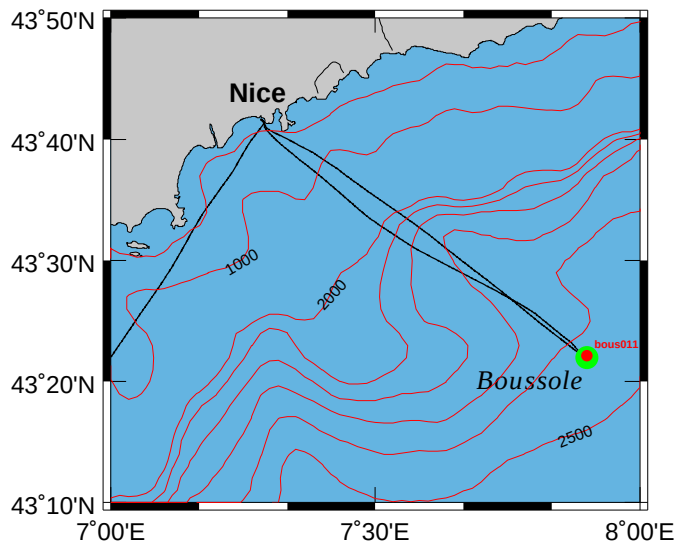
BOUSSOLE 80 14 octobre 2008

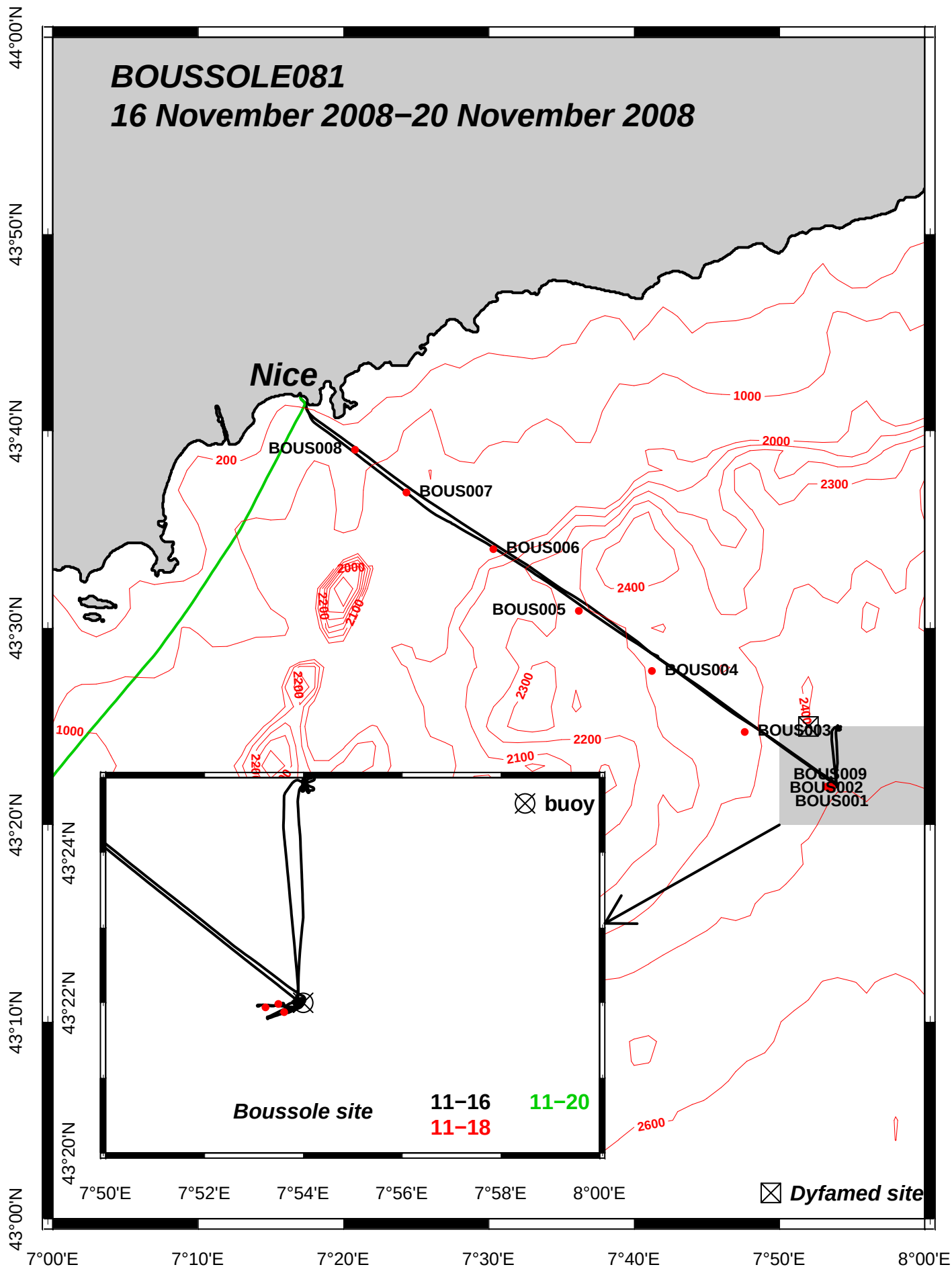


BOUSSOLE 80 15 octobre 2008



BOUSSOLE 80 16 octobre 2008





Instrument configuration file: **F:\boussole\nov2008\ctd\raw\BOUS009.CON**

Configuration report for SBE 911plus/917plus CTD

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

1) Frequency 0, **Temperature**

Serial number : **1378**
Calibrated on : 05-Sep-08
A : 3.68121452e-003
B : 6.00610469e-004
C : 1.50043423e-005
D : 2.19005595e-006
F0 : 6491.885
Slope : 1.00000000
Offset : 0.0000

2) Frequency 1, **Conductivity**

Serial number : **2929**
Calibrated on : 22-Aug-2008
A : 9.40493954e-005
B : 1.42244833e+000
C : -1.06100142e+001
D : -8.47331394e-005
M : 3.8
CPcor : -9.57000000e-008
Slope : 1.00000000
Offset : 0.0000

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

Serial number : **51394**
Calibrated on : 29-dec-03
C1 : -4.258473e+004
C2 : 1.874931e-001
C3 : 1.368020e-002
D1 : 3.936700e-002
D2 : 0.000000e+000
T1 : 3.021404e+001
T2 : -2.815189e-004
T3 : 4.591050e-006
T4 : 1.633320e-009
T5 : 0.000000e+000
Slope : 0.99999000
Offset : -1.26530
AD590M : 1.145000e-002
AD590B : -8.133300e+000

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

Serial number : **0587**
Calibrated on : 04-Sep-08
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 : 04-Sep-08
Vblank : 0.045
Scale factor : 62.000

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

Serial number : **887DR**
Calibrated on : 22-Sep-08
M : 21.4270
B : -1.2856
Path length : 0.250

10) A/D voltage 6, Free

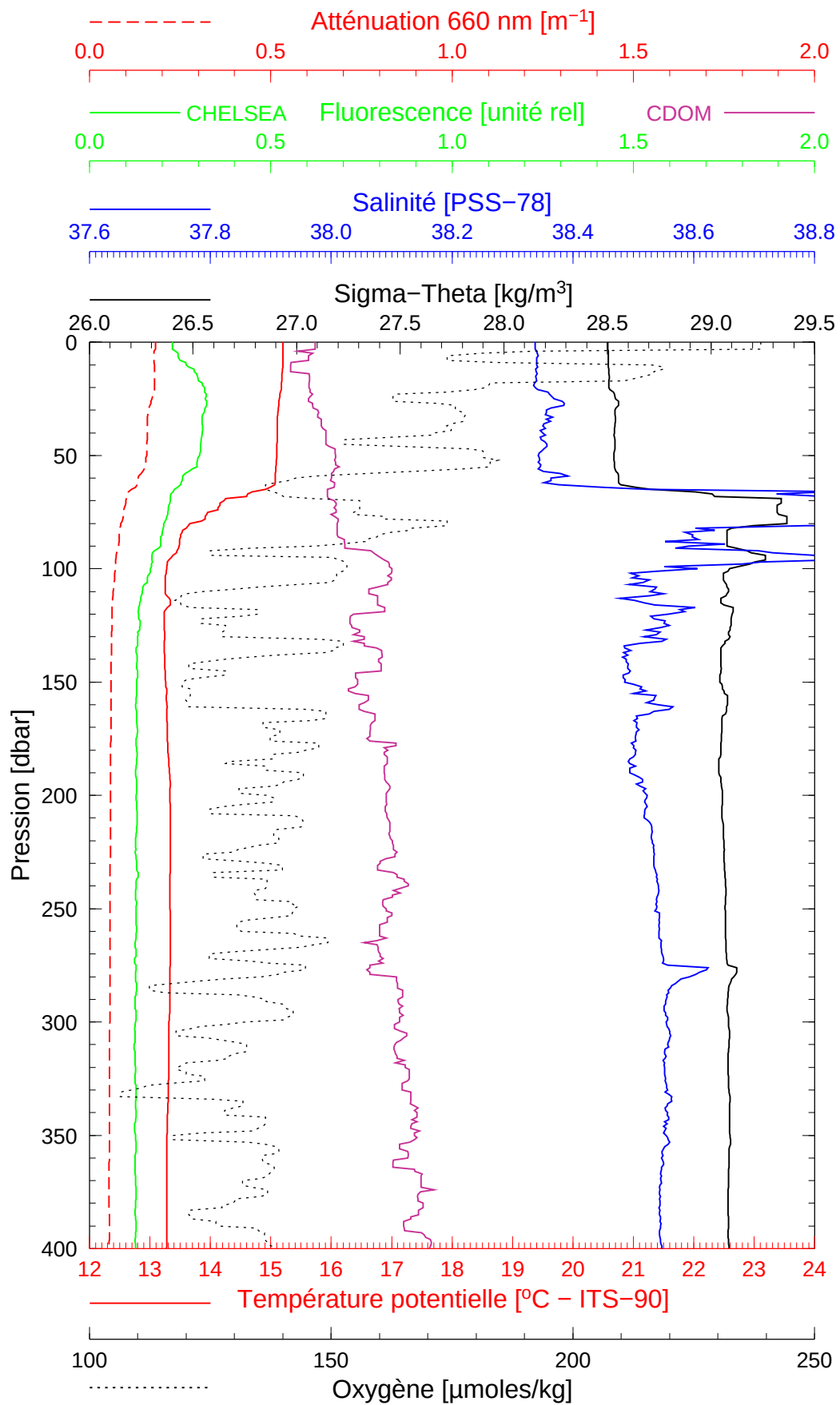
11) A/D voltage 7, Free

Boussole 81

16/11/2008

BOUS081116_01

BOUS001



Date 16/11/2008
Heure déb 14h 25min [TU]

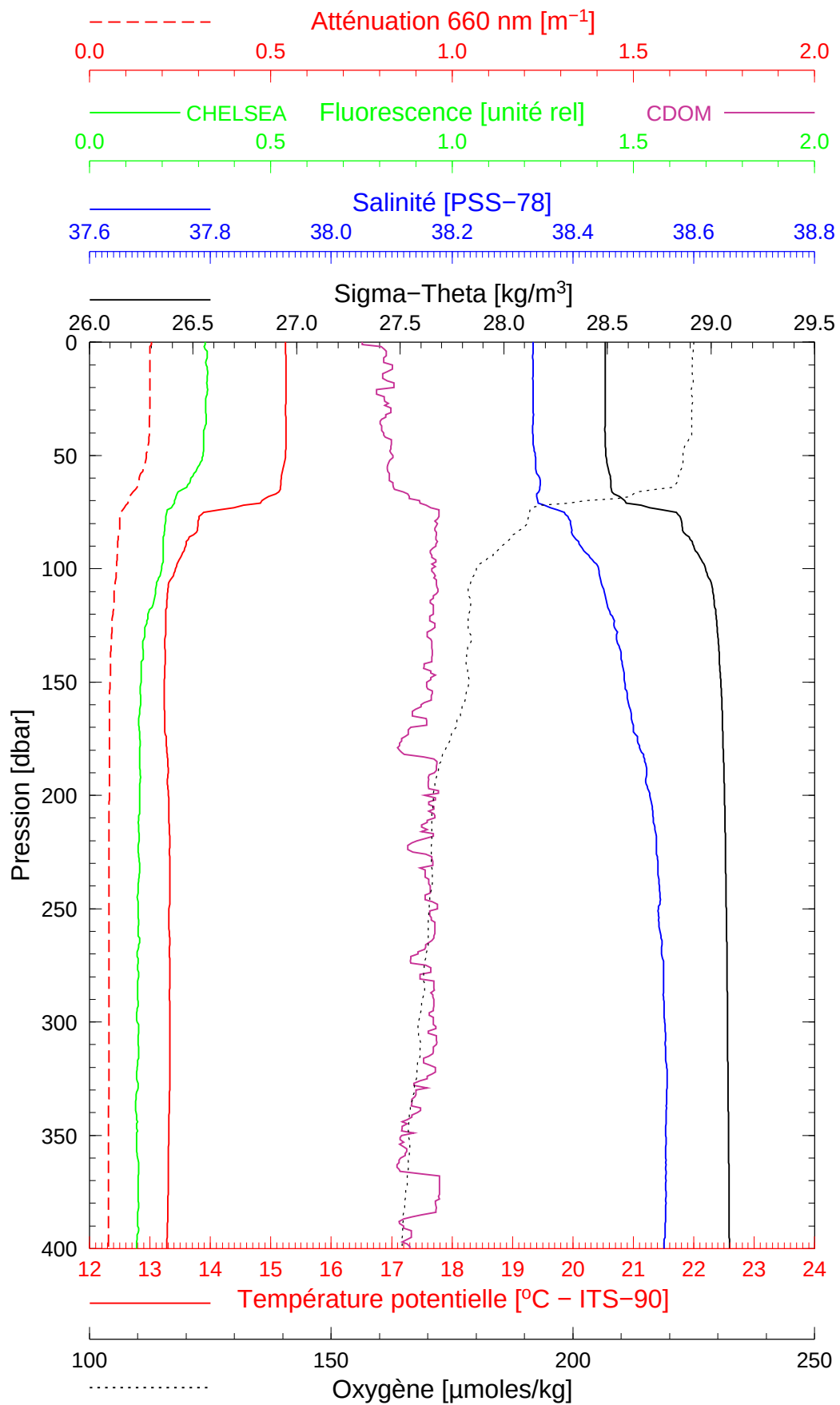
Latitude 43°21.876
Longitude 07°53.614

Boussole 81

18/11/2008

BOUS081118_01

BOUS002



Date 18/11/2008
Heure déb 10h 26min [TU]

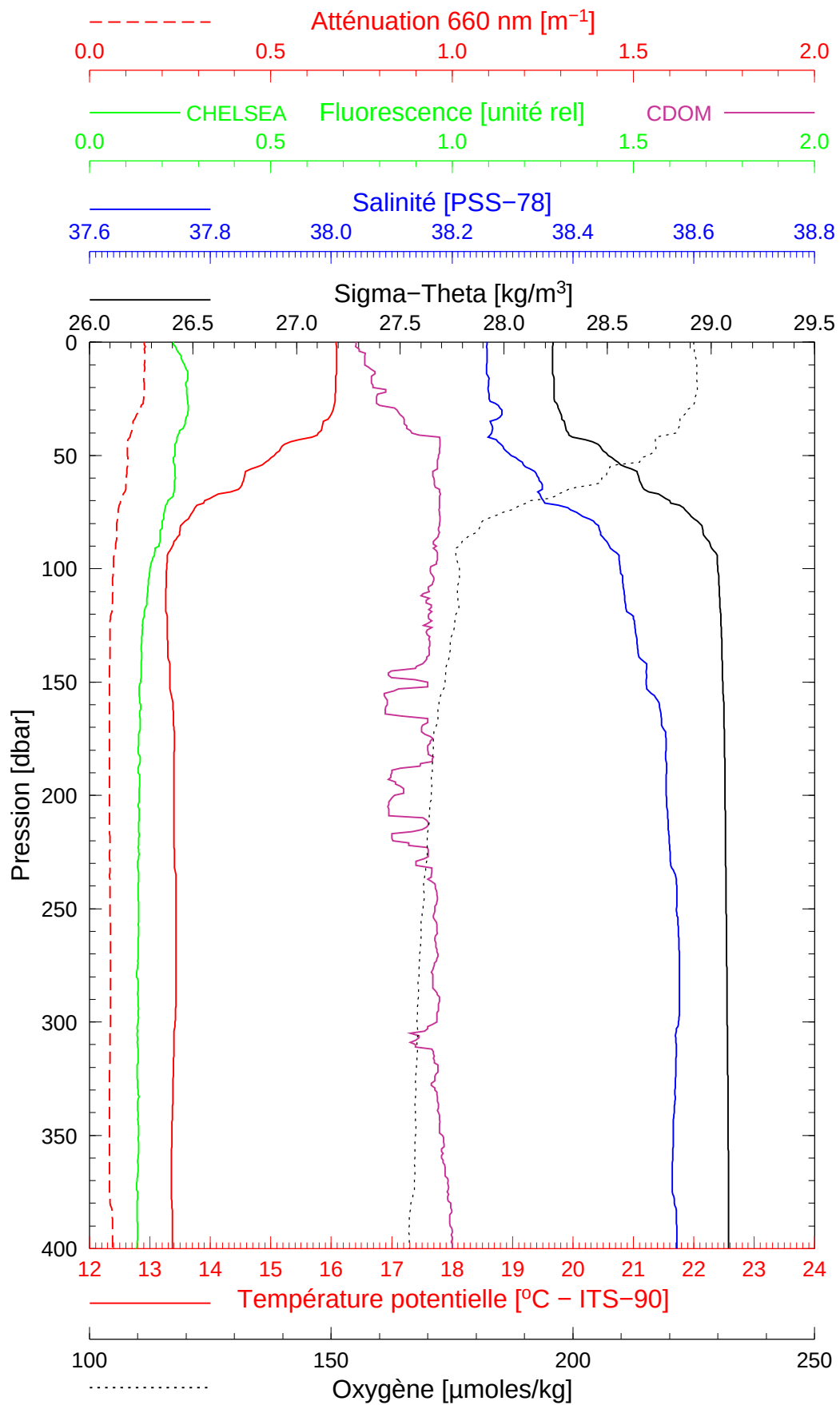
Latitude $43^{\circ}21.940$
Longitude $07^{\circ}53.237$

Boussole 81

18/11/2008

BOUS081118_02

BOUS003



Date 18/11/2008
Heure déb 13h 10min [TU]

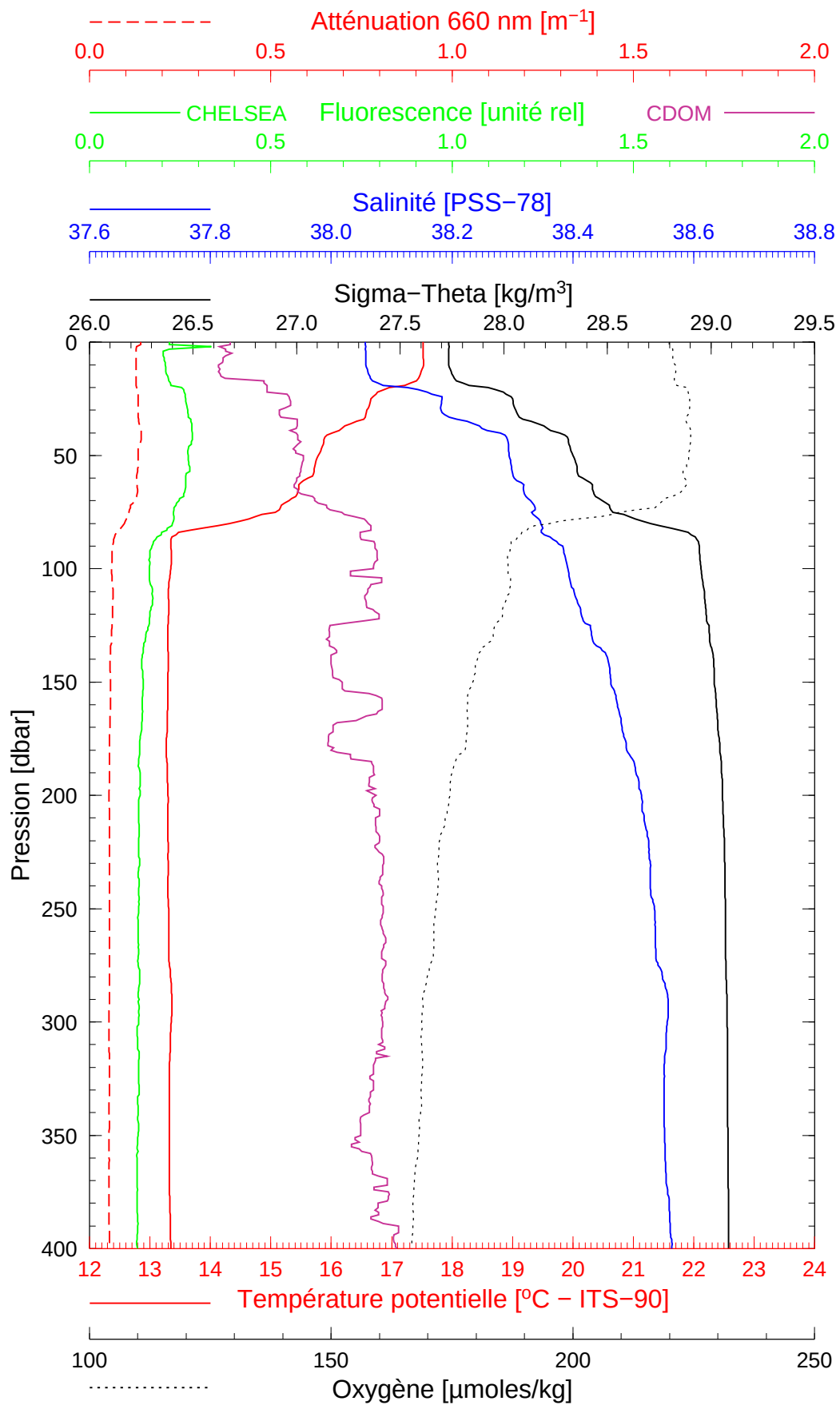
Latitude 43°24.721
Longitude 07°47.617

BOUSSOLE 81

18/11/2008

BOUS081118_03

BOUS004



Date 18/11/2008
Heure déb 14h 14min [TU]

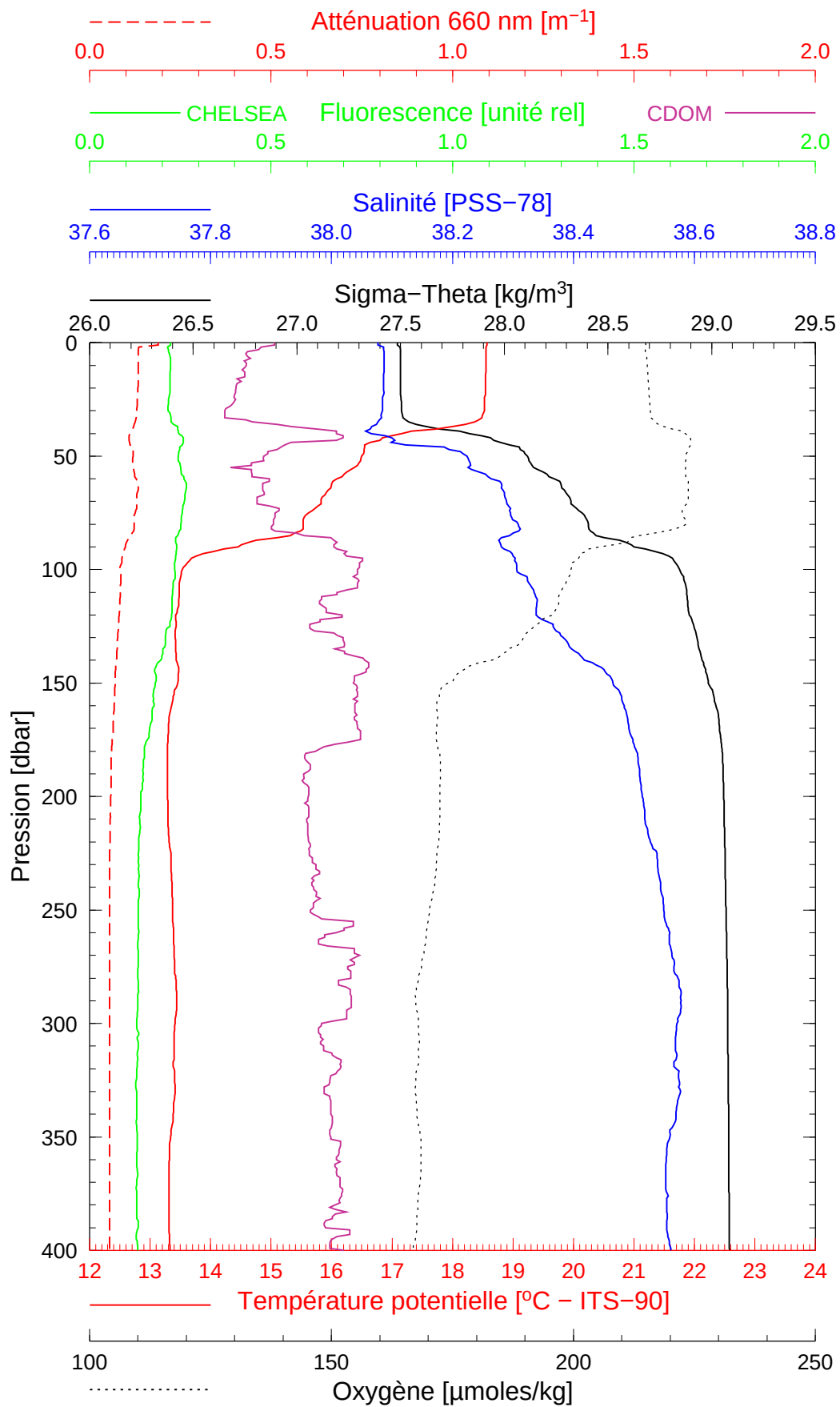
Latitude $43^{\circ}27.818$
Longitude $07^{\circ}41.229$

BOUSSOLE 81

18/11/2008

BOUS081118_04

BOUS005



Date 18/11/2008
Heure déb 15h 14min [TU]

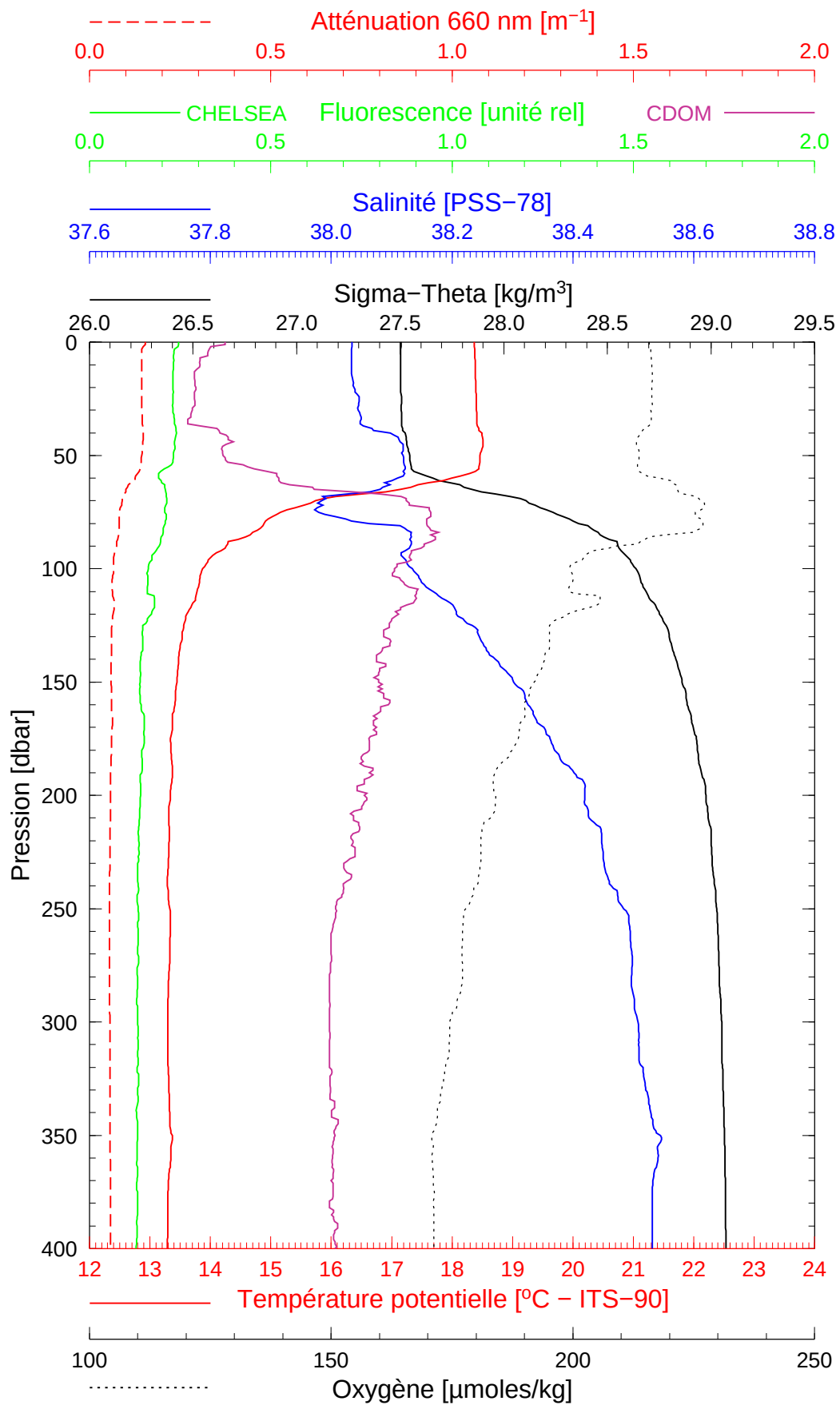
Latitude 43°30.869
Longitude 07°36.201

BOUSSOLE 81

18/11/2008

BOUS081118_05

BOUS006



Date 18/11/2008
Heure déb 16h 17min [TU]

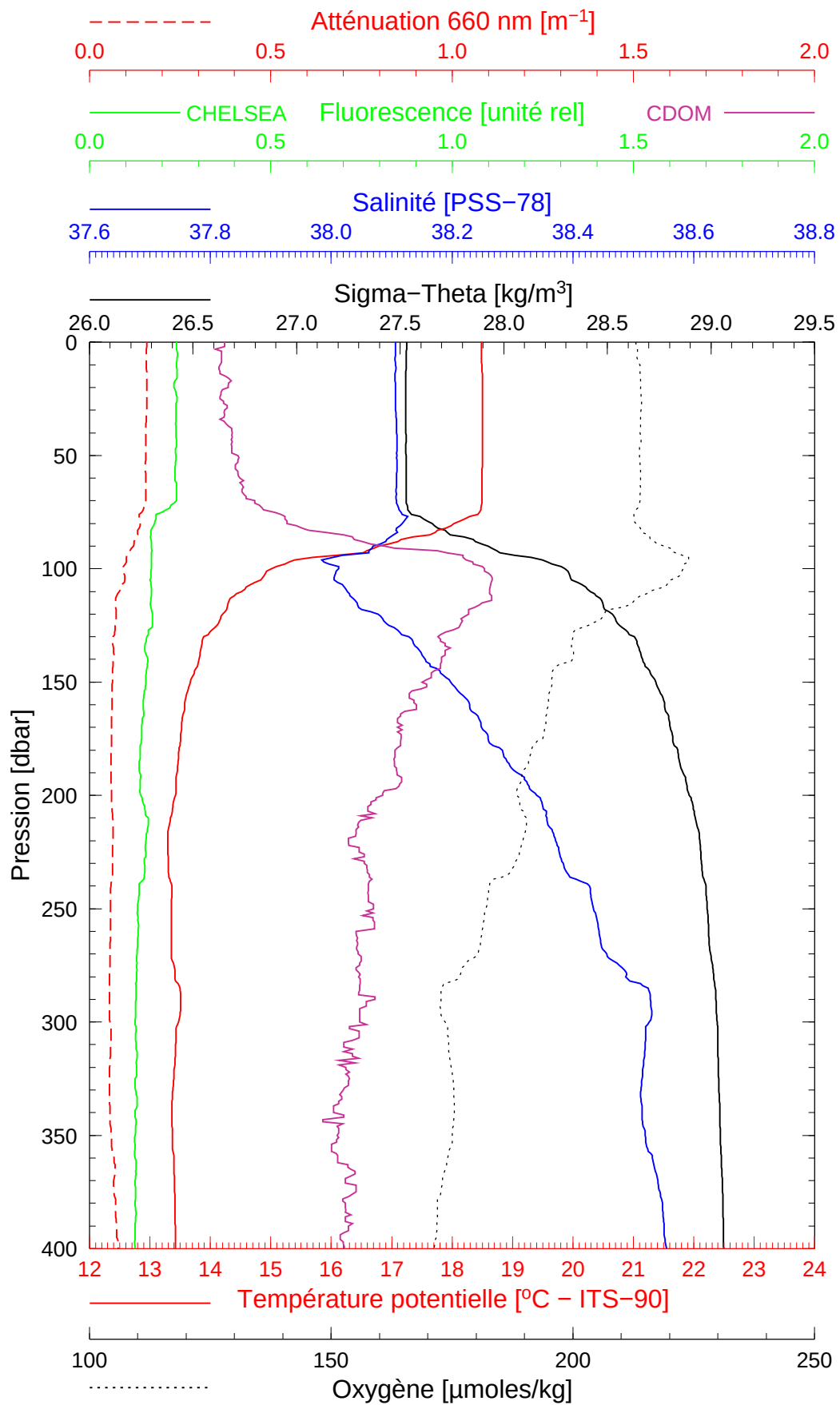
Latitude 43°34.005
Longitude 07°30.321

BOUSSOLE 81

18/11/2008

BOUS081118_06

BOUS007



Date 18/11/2008
Heure déb 17h 15min [TU]

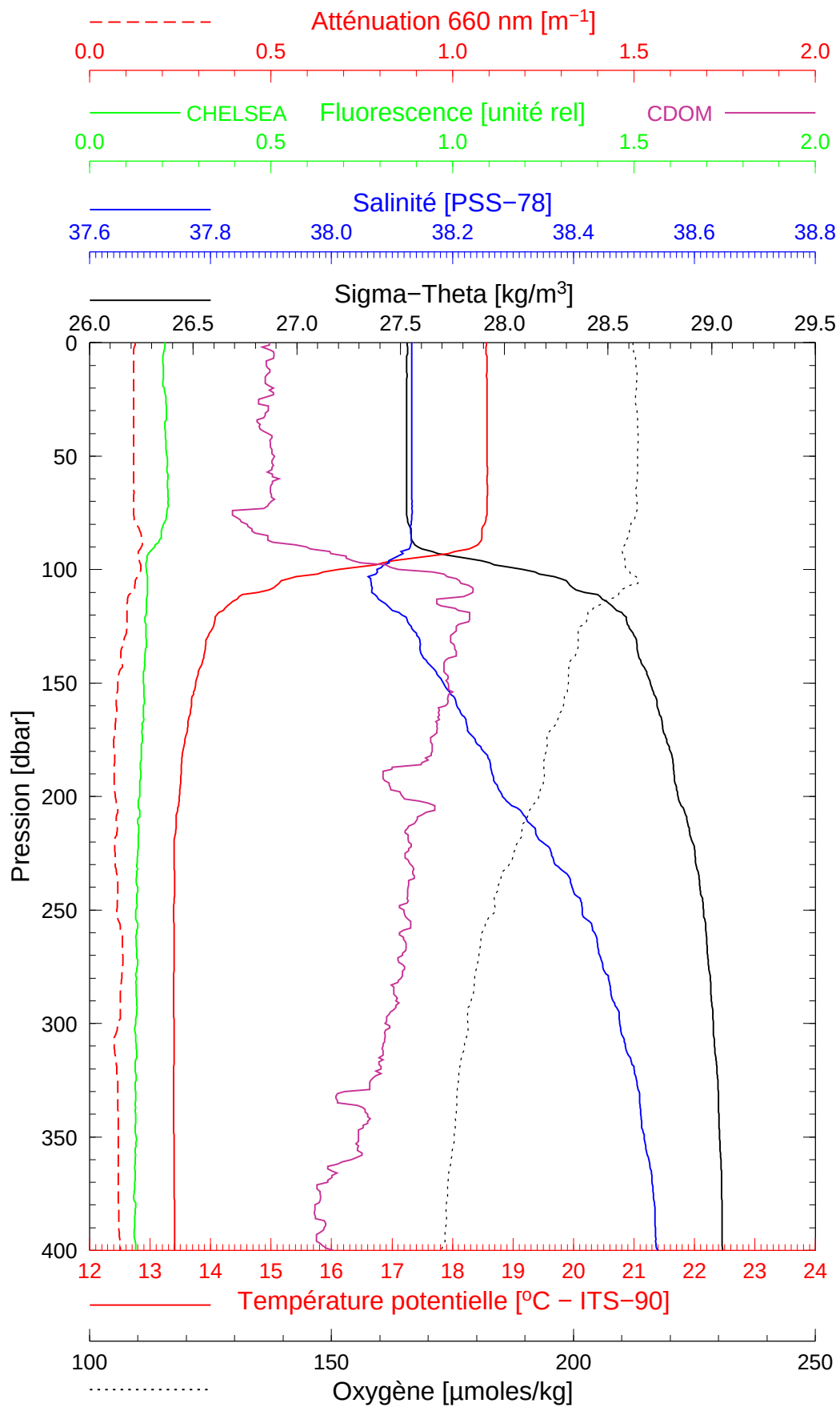
Latitude $43^{\circ}36.882$
Longitude $07^{\circ}24.340$

BOUSSOLE 81

18/11/2008

BOUS081118_07

BOUS008



Date 18/11/2008
Heure déb 18h 05min [TU]

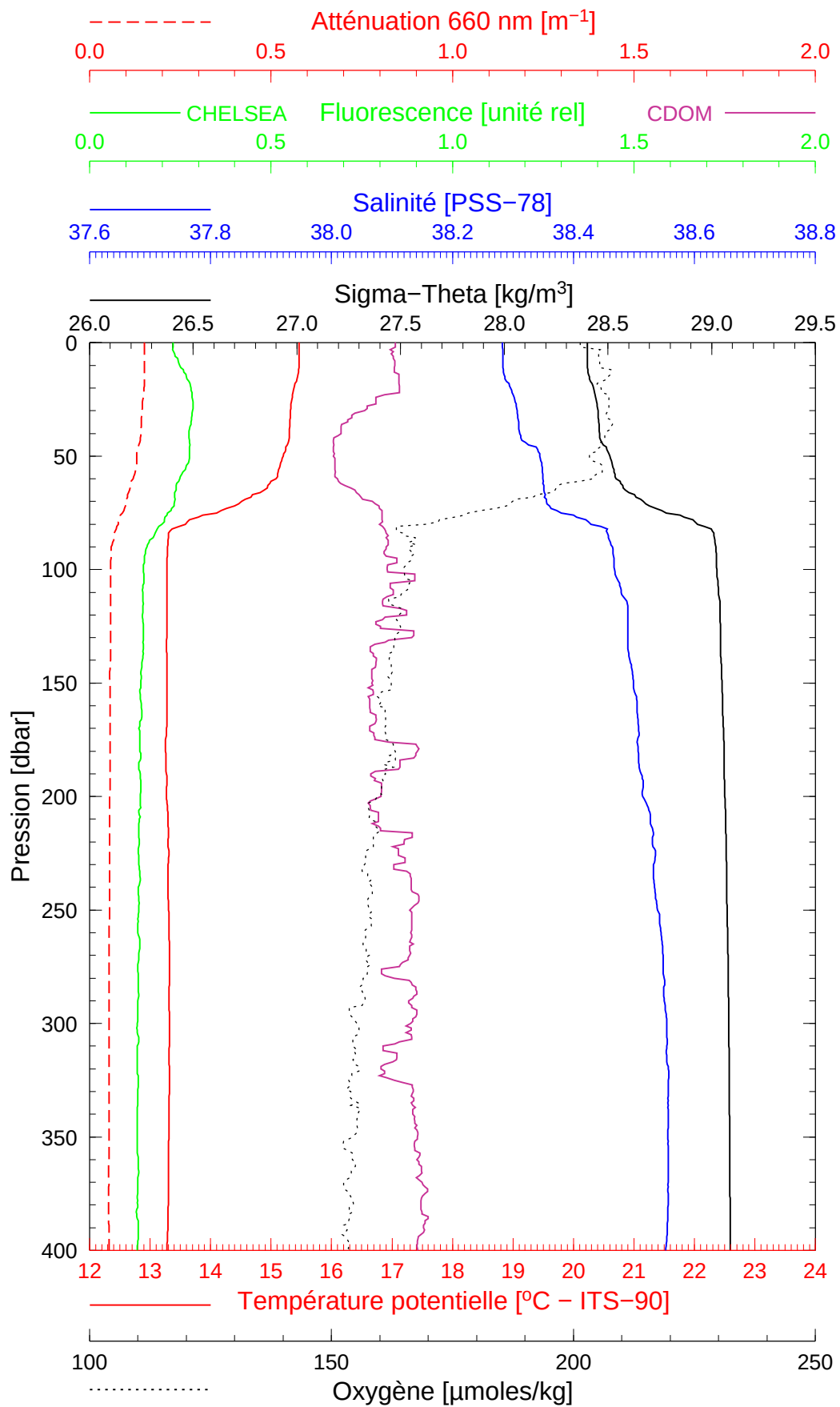
Latitude 43°39.051
Longitude 07°20.801

BOUSSOLE 81

19/11/2008

BOUS081119_01

BOUS009



Date 19/11/2008
Heure déb 10h 42min [TU]

Latitude $43^{\circ}21.985$
Longitude $07^{\circ}53.497$

BOUSSOLE 81 16 novembre 2008

