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Ocean Data View (ODV)

- ODV was developed by Alfred Wegener Institute, under the seadata net program
- ODV is a desktop software for analysis and visualization of oceanographic, atmospheric and other geo-referenced profile or time series data.

Features:

- Input format is basic spread sheet styled data tables.
- Users can customize their configurations with high resolution coastlines and other reference material

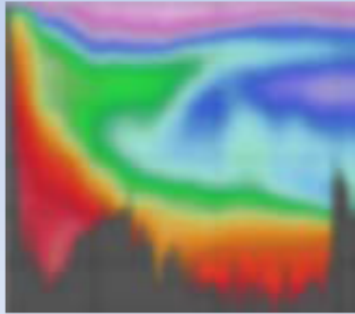
Useful for:

- Plots of properties of selected stations.
- Color distributions on general isosurface

Advantages of ODV

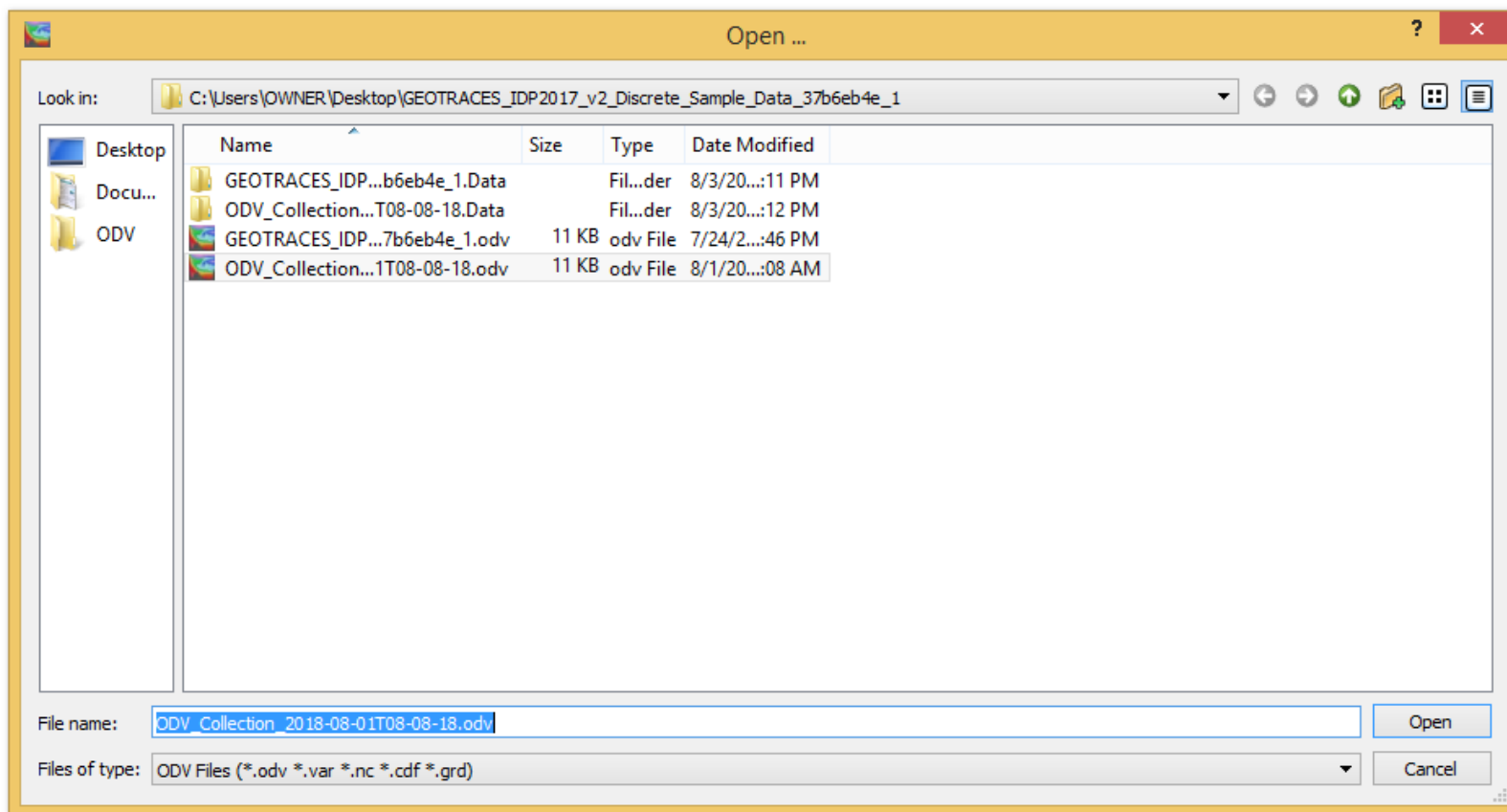
- No technical expertise is required
- No Cost

Ocean Data View



<https://odv.awi.de>

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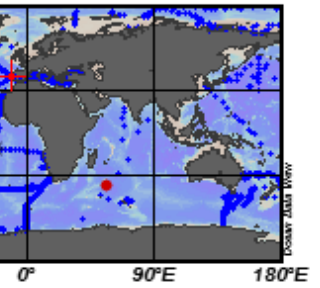
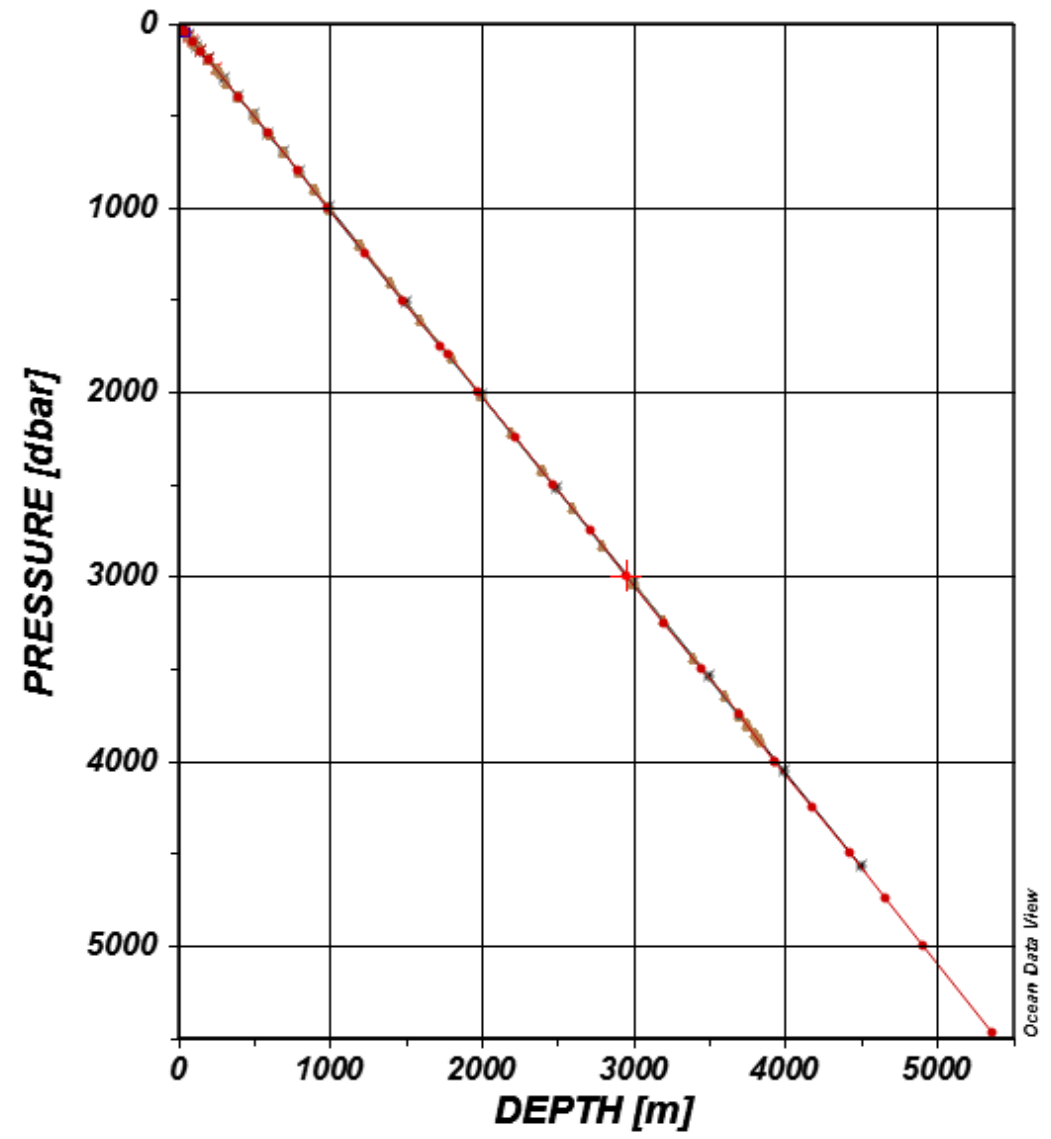


ENG

4:48 PM

US

8/3/2018



Station ID: 1

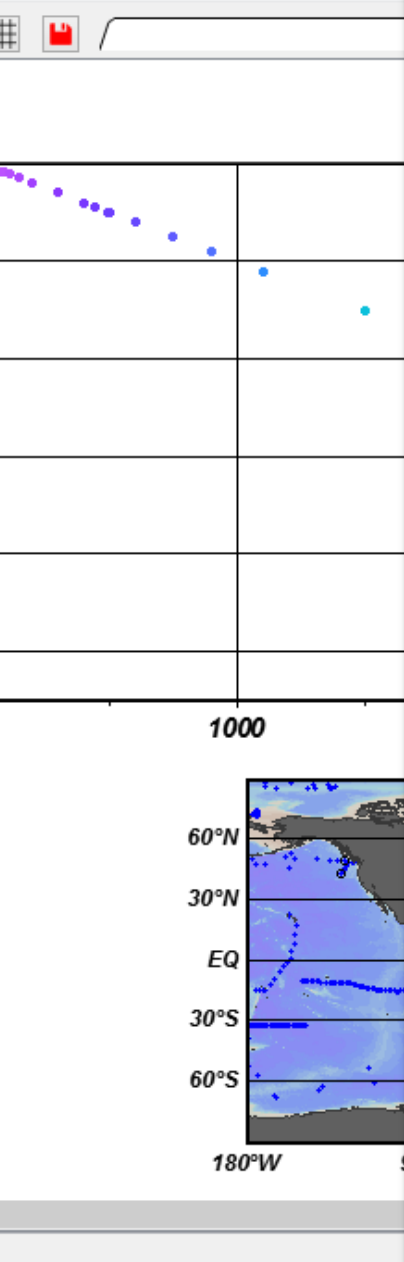
Accessio...	1
Cruise	GA01
Station	0 (B)
Position	10.7°W / 38.433°N
Date	17 May 2014
Time	22:29:00
PRESSUR...	[3000.7 - 3001.0]
Bot. Dept...	4854
BODC St...	1898200
Operator'...	GEOVIDE
Cruise Re...	PourquoiPas_GEOVIDE.pdf
Project N...	

Sample: 1 / 24

1: PRESSURE [dbar]	3000.7	2
2: DEPTH [m]	2957.1	2
3: GEOTRACES Sample ...		9
4: Cast Identifier	GEOP_000_01	2
5: Sampling Device	UCCTD	2
6: Bottle Number	19	2
7: BODC Bottle Number	1214048	2
8: Bottle Flag	0	1

Isosurface Values

Longitude	-10.700
Latitude	38.433
Time [yr]	2014.375
Day of Year	137
PRESSURE [dbar] @ PRESSURE [dbar]=...	3000.7
DEPTH [m] @ PRESSURE [dbar]=first	2957.1



Properties Window 1

General | **Data** | Display Style | Contours | Color Mapping | DIVA Settings

Scope: SECTION: Data of all stations inside the section band

X-Axis: drvd: Section Latitude
 Reverse range

Y-Axis: 2: DEPTH [m]
 Reverse range

Z-Axis: 2: DEPTH [m]
 Reverse range

Apply to all windows

crete_Sample_Data_37b6eb4e_1

Station ID: 703

Accession Number	703
Cruise	GA06
Station	9 (B)
Position	25.141°W / 12.301°N
Date	26 February 2011
Time	07:19:59
PRESSURE Range [dbar]	[3.0 - 5009.4]
Bot. Depth [m]	5022
BODC Station	1609793
Operator's Cruise Name	D361
Cruise Report	Discovery_361.pdf
Project Name	

Sample: 40 / 48

1: PRESSURE [dbar]	2020.2	2
2: DEPTH [m]	1999.0	2
3: GEOTRACES Sample N...		9
4: Cast Identifier	CTD022_Ti	2
5: Sampling Device	UCCTD	2
6: Bottle Number		9
7: BODC Bottle Number	888023	2
8: Bottle Flag	0	1

Isosurface Values

Longitude	-25.141
Latitude	12.301
Time [yr]	2011.154
Day of Year	57
PRESSURE [dbar] @ PRESSURE [dbar]=fi...	3.0
DEPTH [m] @ PRESSURE [dbar]=first	3.0

S 1865 / 1866: Default *

File Collection **View** Import Export Tools Help

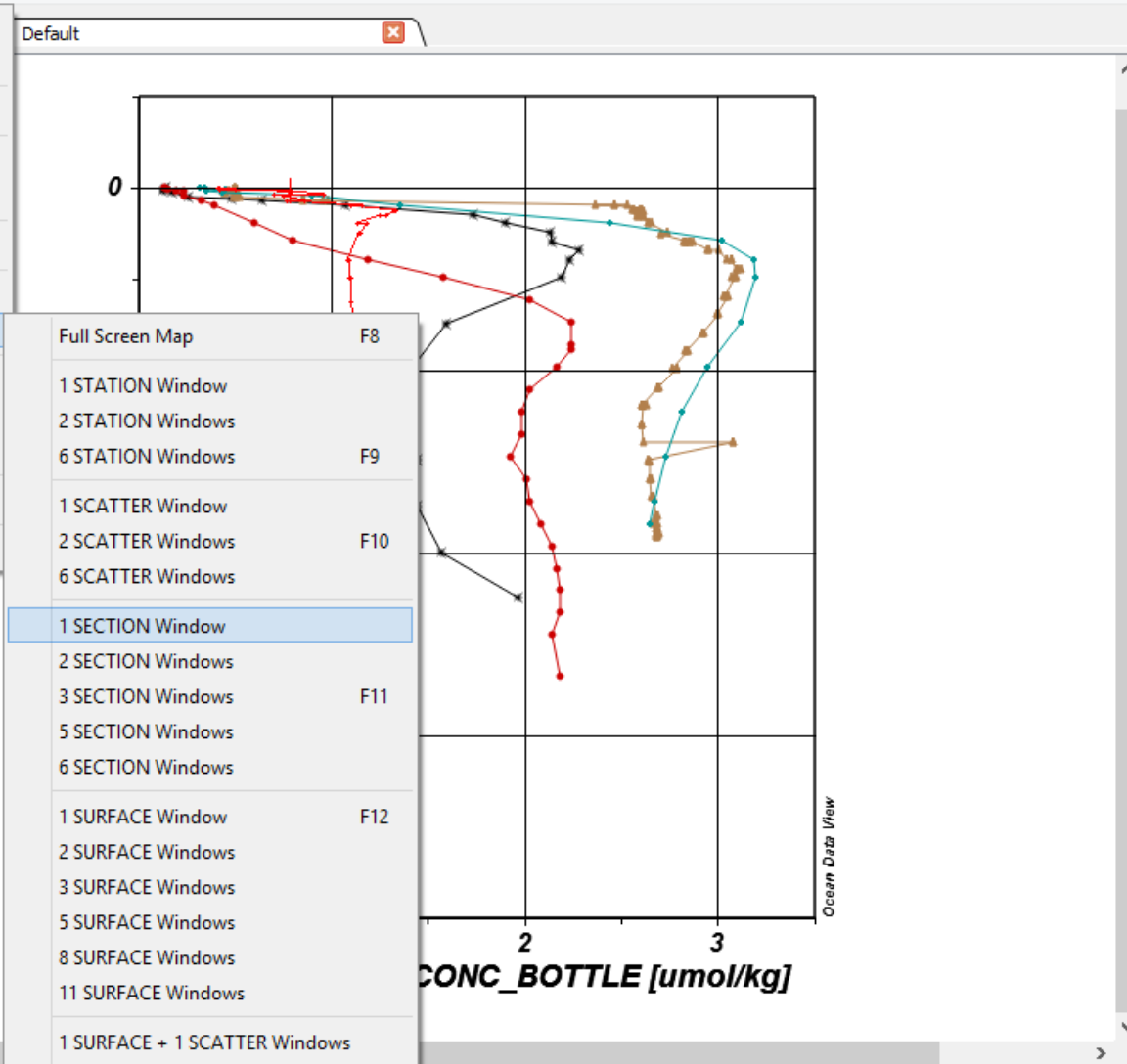
- Undo
- Redo
- Station Selection Criteria... Alt+S
- Derived Variables... Alt+D
- Isosurface Variables...
- Window Properties
- Window Layout Alt+W
- Layout Templates**
- Save View As...
- Save View
- Load Views... Shift+L
- Browse Session Log File
- Settings...

0
1000
2000
3000
4000

PRESSURE [dbar]

GEOTRACES sample number

30°N
30°S
180°W 90°W 0° 90°E 180°E



- Full Screen Map F8
- 1 STATION Window
- 2 STATION Windows
- 6 STATION Windows F9
- 1 SCATTER Window
- 2 SCATTER Windows F10
- 6 SCATTER Windows
- 1 SECTION Window**
- 2 SECTION Windows
- 3 SECTION Windows F11
- 5 SECTION Windows
- 6 SECTION Windows
- 1 SURFACE Window F12
- 2 SURFACE Windows
- 3 SURFACE Windows
- 5 SURFACE Windows
- 8 SURFACE Windows
- 11 SURFACE Windows
- 1 SURFACE + 1 SCATTER Windows
- 5 MIXED Windows
- From View File

Station ID: 240

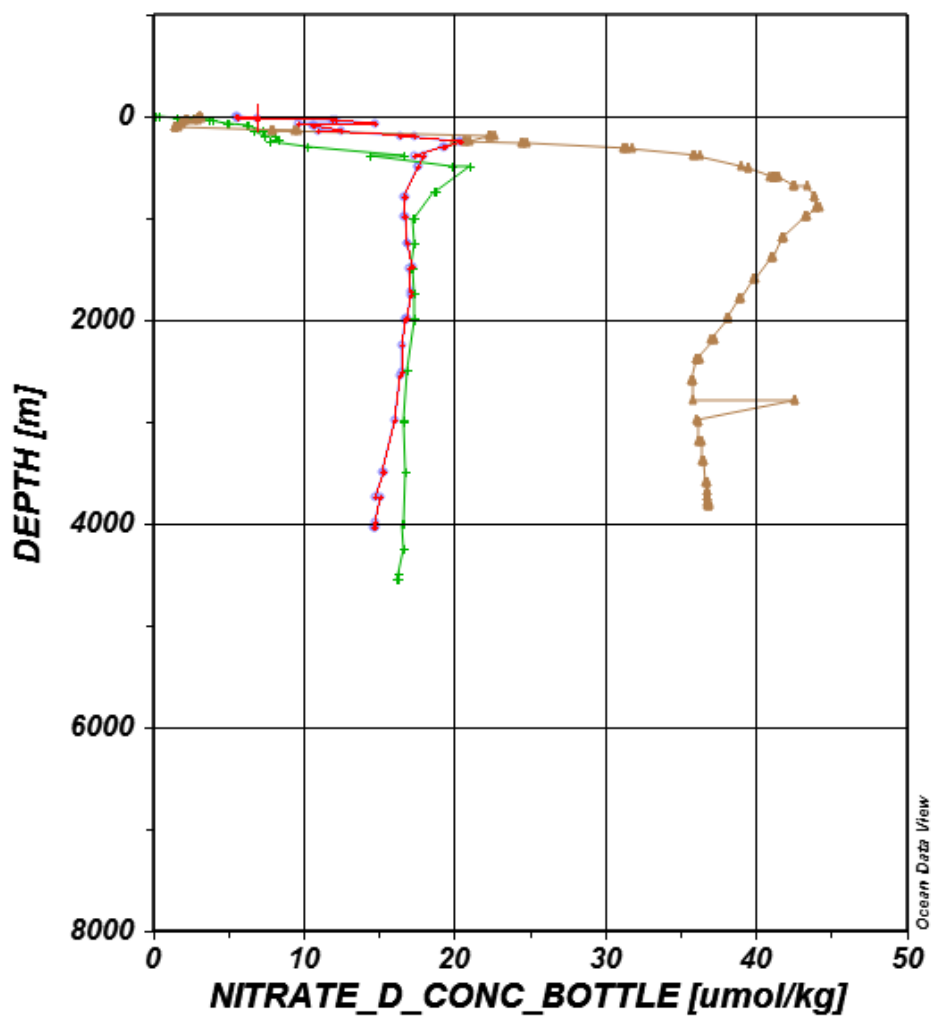
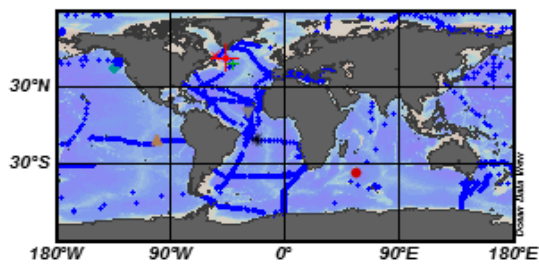
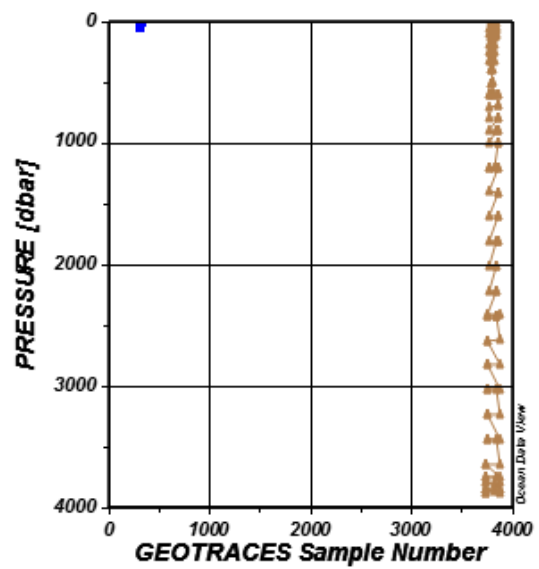
Accession Number	240
Cruise	GA02
Station	009 (B)
Position	45.732°W / 51.821°N
Date	09 May 2010
Time	08:38:29
PRESSURE Range [dbar]	[9.1 - 4116.1]
Bot. Depth [m]	4052
BODC Station	1608540
Operator's Cruise Name	PE319
Cruise Report	Pelagia_319-1.pdf
Project Name	

Sample: 6 / 48

1: PRESSURE [dbar]	51.5	2
2: DEPTH [m]	51.0	2
3: GEOTRACES Sample N...		9
4: Cast Identifier	09_02_ROS	2
5: Sampling Device	CTD	2
6: Bottle Number	22	2
7: BODC Bottle Number	631247	2
8: Bottle Flag	0	1

Isosurface Values

Longitude	-45.732
Latitude	51.821
Time [yr]	2010.352
Day of Year	129
PRESSURE [dbar] @ PRESSURE [dbar]=fi...	9.1
DEPTH [m] @ PRESSURE [dbar]=first	9.0



Station ID: 240

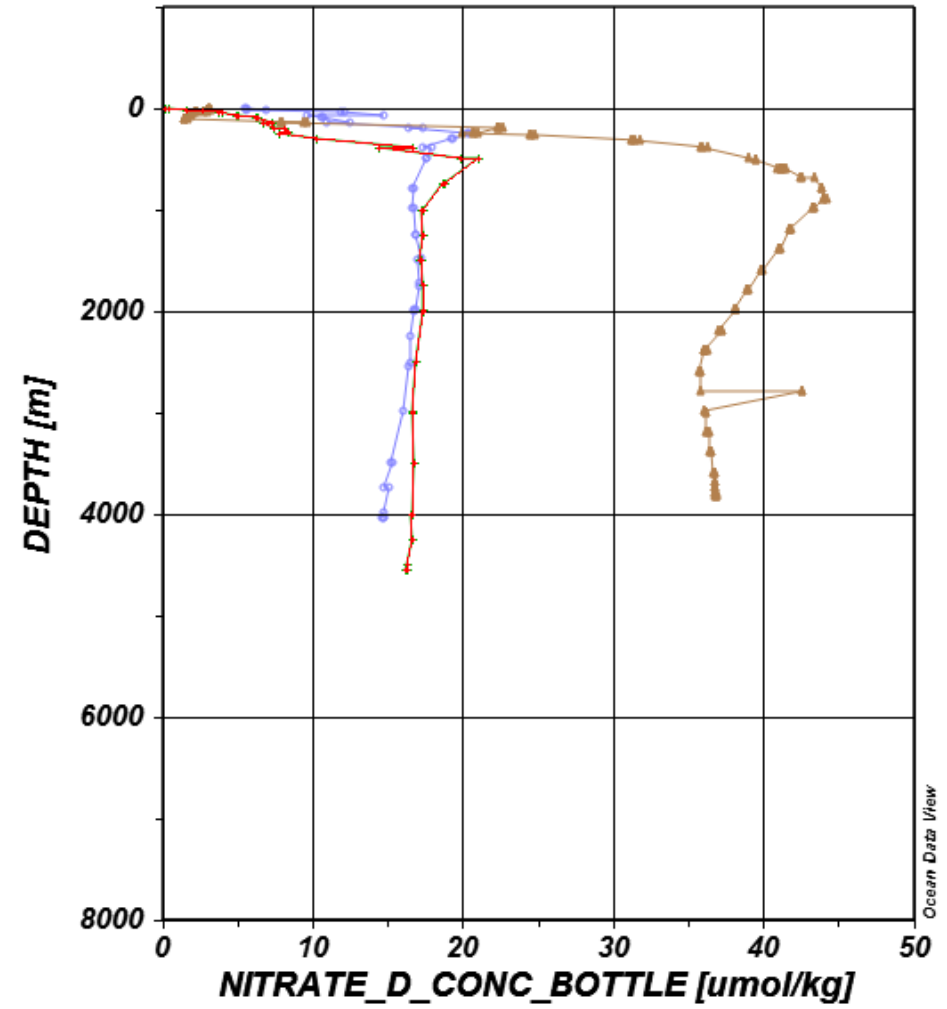
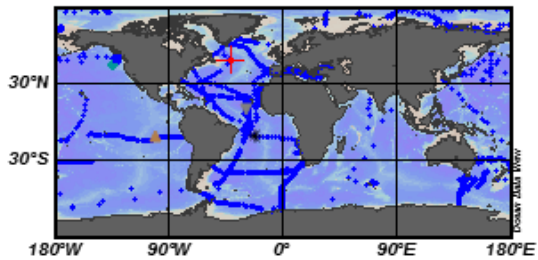
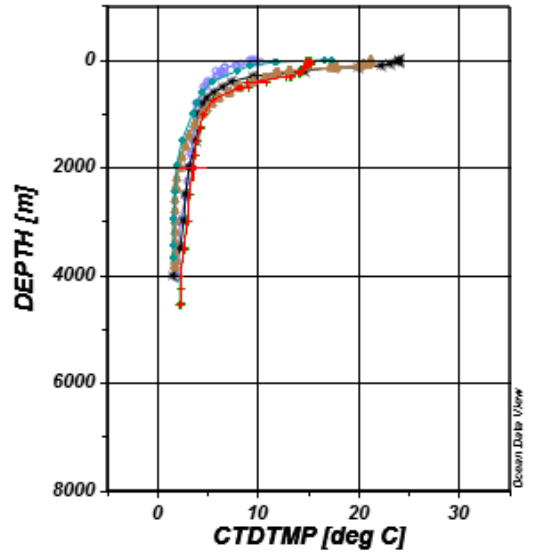
Accession Number	240
Cruise	GA02
Station	009 (B)
Position	45.732°W / 51.821°N
Date	09 May 2010
Time	08:38:29
PRESSURE Range [dbar]	[9.1 - 4116.1]
Bot. Depth [m]	4052
BODC Station	1608540
Operator's Cruise Name	PE319
Cruise Report	Pelagia_319-1.pdf
Project Name	

Sample: 3 / 48

1: PRESSURE [dbar]	24.2	2
2: DEPTH [m]	24.0	2
3: GEOTRACES Sample ...		9
4: Cast Identifier	09_01_UCC	2
5: Sampling Device	UCCTD	2
6: Bottle Number	23	2
7: BODC Bottle Number	631178	2
8: Bottle Flag	0	1

Isosurface Values

Longitude	-45.732
Latitude	51.821
Time [yr]	2010.352
Day of Year	129
PRESSURE [dbar] @ PRESSURE [dbar]=...	9.1
DEPTH [m] @ PRESSURE [dbar]=first	9.0



Station ID: 243

Accession Number	243
Cruise	GA02
Station	011 (B)
Position	39.4°W / 47.8°N
Date	11 May 2010
Time	15:01:29
PRESSURE Range [dbar]	[9.1 - 4636.3]
Bot. Depth [m]	4570
BODC Station	1608582
Operator's Cruise Name	PE319
Cruise Report	Pelagia_319-1.pdf
Project Name	

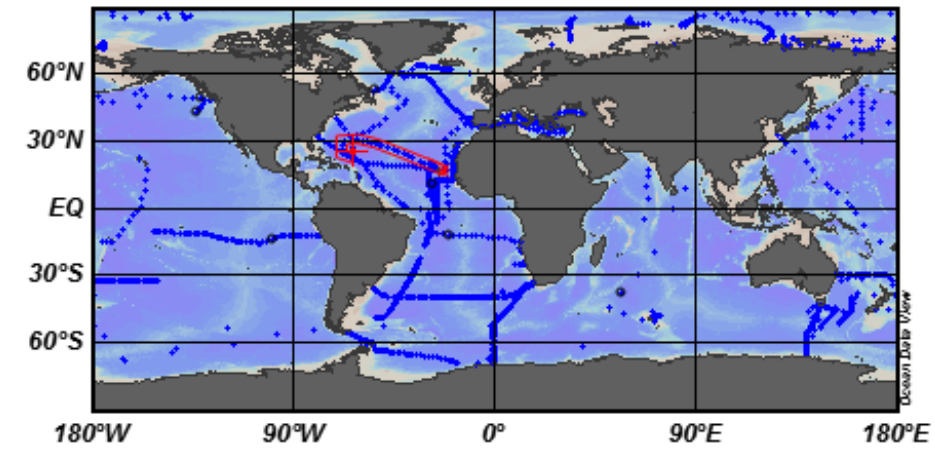
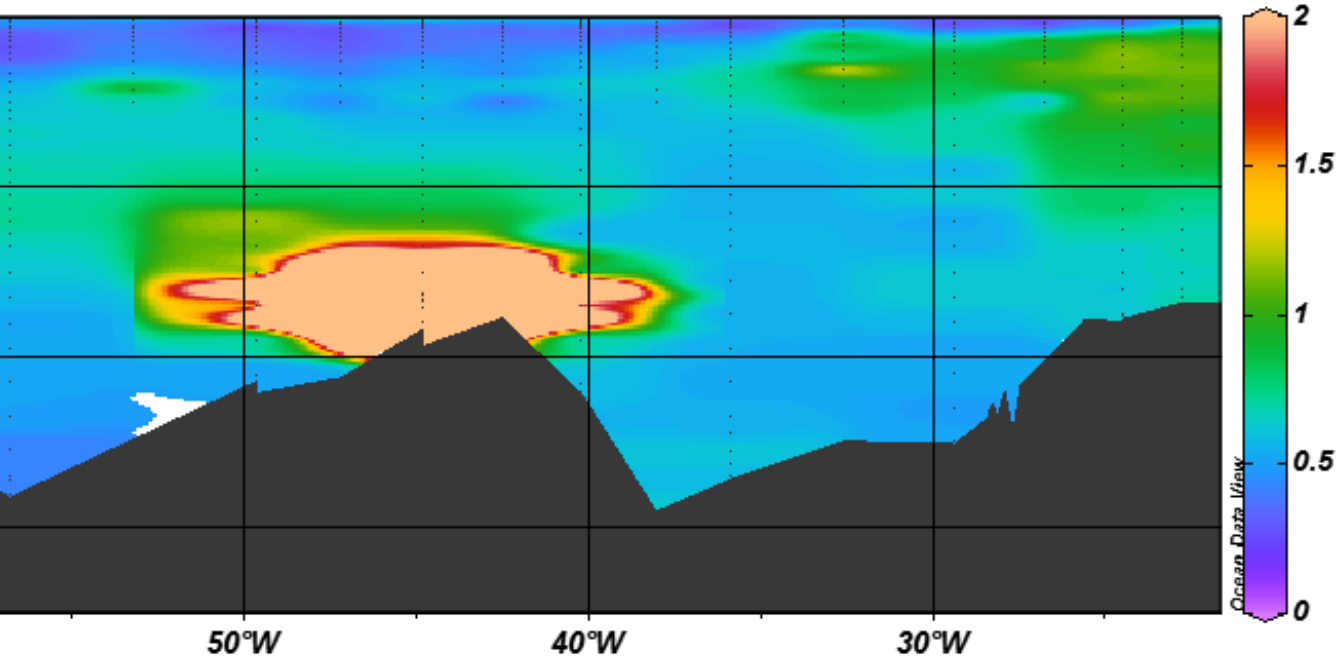
Sample: 64 / 96

1: PRESSURE [dbar]	2028.7	2
2: DEPTH [m]	2002.0	2
3: GEOTRACES Sample N...		9
4: Cast Identifier	11_04_ROS	2
5: Sampling Device	CTD	2
6: Bottle Number	14	2
7: BODC Bottle Number	631655	2
8: Bottle Flag	0	1

Isosurface Values

Longitude	-39.400
Latitude	47.800
Time [yr]	2010.358
Day of Year	131
PRESSURE [dbar] @ PRESSURE [dbar]=fi...	9.1
DEPTH [m] @ PRESSURE [dbar]=first	9.0

Fe_D_CONC_BOTTLE [nmol/kg]



Station	5 (B)
Position	62.608°W / 25.5°N
Date	05 June 2014
Time	00:00:00
PRESSURE Range [d...	[9.6 - 9.6]
Bot. Depth [m]	5718
BODC Station	1886307
Operator's Cruise N...	AE1410
Cruise Report	AtlanticExplorer_AE1410.pdf
Project Name	

Sample: 1 / 1

1: PRESSURE [dbar]	9.6	2
2: DEPTH [m]	9.5	2
3: GEOTRACES Sample N...	702	2
4: Cast Identifier	CTD_05	2
5: Sampling Device	CTD	2
6: Bottle Number		9
7: BODC Bottle Number	1181492	2
8: Bottle Flag	0	1

Isosurface Values

Longitude	-62.608
Latitude	25.500
Time [yr]	2014.425
Day of Year	156
PRESSURE [dbar] @ PRESSURE [dbar]=fi...	9.6
DEPTH [m] @ PRESSURE [dbar]=first	9.5