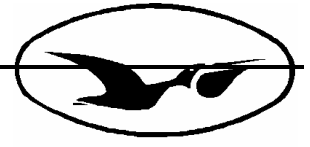


INFORME TÉCNICO



CICESE

**HYDROGRAPHY OF THE SOUTHERN GULF OF CALIFORNIA  
DURING THE NORTH AMERICAN MONSOON EXPERIMENT:  
CAMPAIGN *NAME-02*, AUGUST 7-20, 2004**

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**“HYDROGRAPHY OF THE SOUTHERN GULF OF CALIFORNIA  
DURING THE NORTH AMERICAN MONSOON EXPERIMENT:  
CAMPAIGN NAME-02, AUGUST 7-20, 2004”**



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## Summary

This document records the procedures followed in acquiring and “cleaning” the hydrographic data collected during the North American Monsoon Experiment (NAME), second oceanographic campaign (*NAME-02*) in the entrance and southern region of the Gulf of California during 2004 summer. The campaign was made during the mature phase of the Monsoon, from August 7th to August 20th, 2004, on board of the R/V "Francisco de Ulloa". In addition to a list containing the location and date/time of the oceanographic stations and the meteorological variables measured at that time, the data from the 196 CTD profiles are summarized in the form of  $\theta/S$  diagrams and plots of the variables (potential temperature, salinity, potential density anomaly, dissolved oxygen and fluorescence) vs. depth, and lists of values at standard depths. The digital data are available from the NAME website (<http://www.ofps.ucar.edu/name/>) as 1-m averages.

This information is part of the Research Project “*The Role of Oceanic Processes on the Gulf of California SST Evolution during the North American Monsoon Experiment*”, financed by the National Oceanic and Atmospheric Administration (NOAA), under the program PACS/GAPP, proposal GC04-219. This project was carried out thanks to the efforts of personnel from different institutions: Michael Douglas from the National Severe Storms Laboratory (NSSL), Norman, Oklahoma; Miguel F. Lavín and Emilio Beier from Centro de Investigación Científica y de Educación Superior de Ensenada (CICESE), Ensenada, Baja California, Mexico; Rubén Castro and Affonso Mascarenhas from Universidad Autónoma de Baja California (UABC), Ensenada, Baja California, Mexico; Peter Guest of the Naval Postgraduate School (NPS), Monterey, California; Dave Mitchell and Dorothea Ivanova of Desert Research Institute (DRI), Reno, Nevada.

Keywords: NAME, Gulf of California, Hydrographic data.

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### List of Participants

Participant	Institution	Position
Emilio Beier	CICESE	Researcher-Chief
Rubén Castro	UABC	Researcher
Dorothea Ivanova	DRI	Researcher
Javier Murillo Lopez	NSSL	Technician
Victor Manuel Godínez Sandoval	CICESE	Technician
Carlos Federico Flores Cabrera	CICESE	Technician
Rodolfo Camacho Torres	CICESE	Associate Technician
Ana María Ramírez Manguilar	UABC	M Sc Student Program
Cuauhtémoc Turrent Thompson	CICESE	PhD Student Program
María del Rocío Mancilla Rojas	CICESE	M Sc Student Program
Luduvine Commien	CICESE	Student Program France Interchange

## 1. INTRODUCTION

Recent studies suggest that the Gulf of California is important in modulating the surrounding atmospheric circulation during the Monsoon period. The evolution of the North American Monsoon occurs in three stages: development (May and June), mature phase (July-August) and decay (September-October). It has been observed that sea surface temperature in the Gulf of California increases significantly between May and July, when the isotherms off the continental side of the Gulf seem to 'advance' or move toward the interior of the Gulf. However, the intense warming in August-September produces an almost homogeneous distribution of the sea surface temperature (Mitchell *et al.*, 2002). In order to establish the relative importance of the oceanic advection of heat and the local vertical heat fluxes across the sea surface in the control the evolution of the sea surface temperature during the Monsoon, the project "*The Role of Oceanic Processes on the Gulf of California SST Evolution during the North American Monsoon Experiment*" was undertaken, financed by the National Oceanic and Atmospheric Administration (NOAA), under the program PACS/GAPP, proposal GC04-219.

The project consisted of two oceanographic campaigns to the region of the entrance and southern part of the Gulf of California. The first campaign took place from June 5 to June 18 (*NAME-01*) (documented by Godínez *et al.*, 2006), and the second from August 7 to August 20 (*NAME-02*), both in 2004. This report deals with data from the second campaign. The data collected are meteorological and oceanographic. Two oceanographic instruments, a CTD (Conductivity-Temperature-Depth) and a LADCP (Lowering Acoustic Doppler Current Profiler), installed in the same structure, were used to perform the oceanographic part of the experiment. These two instruments were lowered down the water column, to near the bottom or to 1000 m, by means of the ship winch. The CTD used was a Sea-Bird model 911 *plus* with primary and secondary sensors for conductivity and temperature as well as sensors for pressure, oxygen and fluorescence. The LADCP (figure 1) used for measuring currents is a Workhorse Sentinel 300 kHz, from RDI-Instruments.



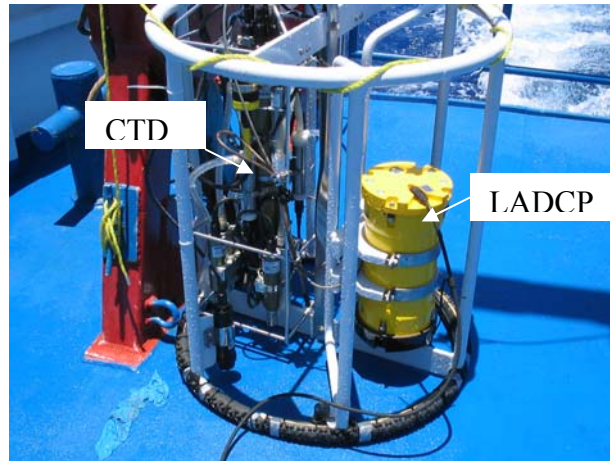


Figure 1. CTD and LADCP used for measuring in the water column.

To observe surface currents and surface temperature, several ARGOS (Fig. 2) drifting buoys were launched from the ship at various points along the course. They also measured sea surface temperature. The drifters were made by two manufacturers, by Pacific Gyre (San Diego, CA, USA) and Technocean Inc. (Miami, FL, USA). Their data will be reported separately.



(a)

(b)

Figure 2. ARGOS drifters. (a) Pacific Gyre, (b) Technocean Inc.

Meteorological variables were also sampled during the campaign. Two types of meteorological observations were made: surface and lower atmosphere measurements. The former were made by continuous measurements, at a rate of 2 Hz, of relative humidity, atmospheric pressure, magnitude and direction of the wind. The latter were performed by means of weather balloons launched from the ship. Monitoring from the ship was through a radio probing system (figure 3); parameters observed were potential temperature, dew point, wind velocity and direction, and atmospheric pressure at heights that reached the lower part of the stratosphere. Another type of balloons used was those followed by means of a theodolite set on the roof of the ship's bridge (figure 4). These Balloons were followed to heights under 1 km. For details of all these meteorological observations see the report of Guest (2004), available from the NAME website (<http://www.joss.ucar.edu/name/dm/archive/>).



Figure 3. Meteorological balloon and Vaisala radio probe system attached to the balloon for monitoring of meteorological variables in the lower atmosphere. Dorothea Ivanova (left) and Ana María Ramírez (right) preparing a balloon launch.



Figure 4. Theodolite on board the ship to track the meteorological balloons. Javier Murillo and Ana María Ramírez acquiring data.

Other surface data were systematically obtained by the team on the ship during the campaign. These surface data include: surface temperature, salinity (TermoSal SeaBird), fluorometry (Tuner Instruments), as well as weather (Climatronics) and current data through an RDI Vessel Mounted ADCP (153.6 kHz broad-band) on the hull of the ship.

This report describes the capture and processing of the hydrographical data: temperature, salinity, density, dissolved oxygen, and fluorescence in the water column. Meteorological data obtained at each hydrographical station are also reported. The data from the ADCP and the LADCP will be reported separately.

## 2. STUDY AREA

Data from the CTD casts were obtained from a grid of stations in the region of the entrance and southern part of the Gulf of California (Figure 5), between  $22.5^{\circ}\text{N}$  and  $28^{\circ}\text{N}$  and from  $107^{\circ}\text{W}$  to  $111^{\circ}\text{W}$ . Table I summarizes information of geographical location, date and time (UT) of occupation, bottom depth and maximum depth of the CTD cast for each station.

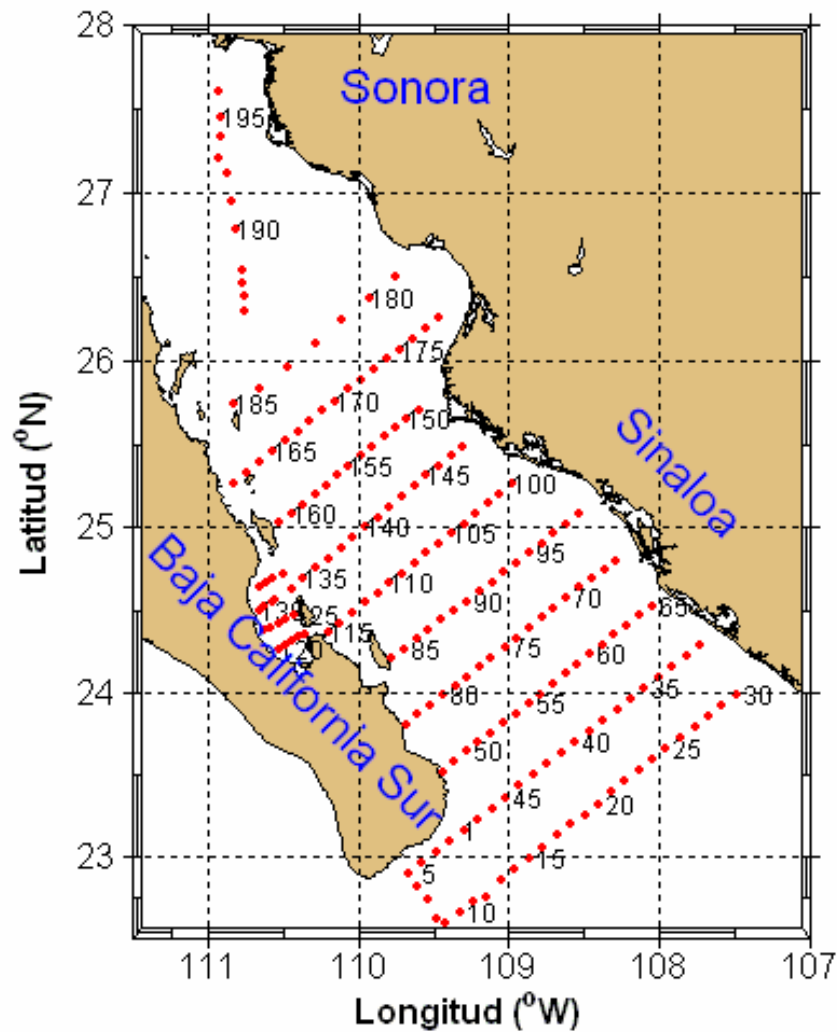


Figure 5. Location of the studied area and geographical position of the station grid. Sequential number of casts is shown. The axes of the figure may not be to the same scale, in order to improve visualization of cast number.

**Table I.** General information of the CTD stations made during the *NAME-02* campaign.

CAST	STATION	LATITUDE (°N)	LONGITUDE (°W)	HOUR (UT)	DATE (d/m/a)	DEPTH (m)
1	X05	23° 9.40'	109° 18.00'	06:10	7/ 8/2004	1571
2	X04	23° 5.30'	109° 23.30'	07:56	7/ 8/2004	151
3	X03	23° 1.30'	109° 28.50'	09:07	7/ 8/2004	131
4	X02	22° 57.30'	109° 34.50'	10:25	7/ 8/2004	664
5	X01	22° 53.40'	109° 39.90'	11:54	7/ 8/2004	526
6	Y01	22° 48.70'	109° 36.30'	13:08	7/ 8/2004	1323
7	Y02	22° 43.70'	109° 32.40'	14:42	7/ 8/2004	1500
8	Y03	22° 37.00'	109° 28.70'	16:23	7/ 8/2004	2799
9	Z01	22° 35.00'	109° 25.00'	18:12	7/ 8/2004	2868
10	Z02	22° 39.10'	109° 19.50'	19:53	7/ 8/2004	3003
11	Z03	22° 43.10'	109° 13.90'	21:37	7/ 8/2004	3080
12	Z04	22° 44.60'	109° 8.60'	23:16	7/ 8/2004	3101
13	Z05	22° 51.10'	109° 3.10'	00:56	8/ 8/2004	3107
14	Z06	22° 55.20'	108° 57.50'	02:42	8/ 8/2004	3088
15	Z07	22° 59.30'	108° 51.70'	04:41	8/ 8/2004	3047
16	Z08	23° 3.30'	108° 46.30'	06:20	8/ 8/2004	1848
17	Z09	23° 7.40'	108° 40.80'	07:54	8/ 8/2004	2799
18	Z10	23° 11.30'	108° 35.30'	09:24	8/ 8/2004	2589
19	Z11	23° 15.20'	108° 29.70'	11:00	8/ 8/2004	2901
20	Z12	23° 19.10'	108° 24.30'	12:31	8/ 8/2004	2475
21	Z13	23° 23.20'	108° 18.90'	14:10	8/ 8/2004	2623
22	Z14	23° 27.10'	108° 13.50'	16:08	8/ 8/2004	2586
23	Z15	23° 31.20'	108° 8.10'	18:41	8/ 8/2004	2403
24	Z16	23° 35.30'	108° 2.60'	20:25	8/ 8/2004	1488
25	Z17	23° 39.10'	107° 57.10'	22:15	8/ 8/2004	1424
26	Z18	23° 43.60'	107° 51.40'	01:20	9/ 8/2004	1118
27	Z19	23° 47.40'	107° 45.80'	03:00	9/ 8/2004	983
28	Z20	23° 51.40'	107° 40.40'	04:53	9/ 8/2004	671
29	Z21	23° 55.20'	107° 34.90'	06:24	9/ 8/2004	124
30	Z22	23° 59.20'	107° 29.50'	07:40	9/ 8/2004	67
31	X22	24° 17.30'	107° 43.40'	11:18	9/ 8/2004	36
32	X21	24° 13.40'	107° 49.00'	12:34	9/ 8/2004	54
33	X20	24° 9.50'	107° 54.50'	13:47	9/ 8/2004	89
34	X19	24° 5.30'	108° 0.10'	15:02	9/ 8/2004	165
35	X18	24° 1.30'	108° 5.70'	16:23	9/ 8/2004	527
36	X17	23° 57.30'	108° 11.20'	17:53	9/ 8/2004	720
37	X16	23° 53.50'	108° 16.80'	19:27	9/ 8/2004	676
38	X15	23° 49.60'	108° 22.20'	21:01	9/ 8/2004	1475
39	X14	23° 45.70'	108° 27.80'	22:53	9/ 8/2004	2836
40	X13	23° 41.50'	108° 33.50'	00:41	10/ 8/2004	2895
41	X12	23° 37.40'	108° 39.10'	02:24	10/ 8/2004	2499
42	X11	23° 33.50'	108° 44.70'	04:09	10/ 8/2004	2647
43	X10	23° 29.50'	108° 50.30'	05:55	10/ 8/2004	2681
44	X09	23° 25.50'	108° 55.70'	07:43	10/ 8/2004	2798
45	X08	23° 21.40'	109° 1.10'	09:25	10/ 8/2004	2500
46	X07	23° 17.40'	109° 6.70'	11:05	10/ 8/2004	2612

Table I continued						
47	X06	23° 13.40'	109° 12.30'	12:43	10/ 8/2004	2292
48	A01	23° 31.00'	109° 26.60'	18:22	10/ 8/2004	85
49	A02	23° 34.60'	109° 21.90'	19:33	10/ 8/2004	1388
50	A03	23° 38.20'	109° 16.90'	21:14	10/ 8/2004	2127
51	A04	23° 41.60'	109° 12.00'	22:57	10/ 8/2004	2463
52	A05	23° 45.20'	109° 7.00'	00:31	11/ 8/2004	2480
53	A06	23° 48.80'	109° 1.90'	02:08	11/ 8/2004	2569
54	A07	23° 52.30'	108° 57.00'	03:41	11/ 8/2004	2529
55	A08	23° 55.70'	108° 52.10'	05:16	11/ 8/2004	3533
56	A09	23° 59.20'	108° 47.10'	06:49	11/ 8/2004	3310
57	A10	24° 2.80'	108° 42.10'	08:27	11/ 8/2004	1693
58	A11	24° 6.50'	108° 37.20'	10:06	11/ 8/2004	1574
59	A12	24° 10.20'	108° 32.40'	11:33	11/ 8/2004	1425
60	A13	24° 13.70'	108° 27.70'	13:00	11/ 8/2004	1317
61	A14	24° 17.30'	108° 22.70'	14:36	11/ 8/2004	1197
62	A15	24° 20.70'	108° 17.90'	16:17	11/ 8/2004	978
63	A16	24° 24.20'	108° 12.90'	18:13	11/ 8/2004	688
64	A17	24° 27.80'	108° 7.90'	19:42	11/ 8/2004	55
65	A18	24° 31.30'	108° 3.00'	20:44	11/ 8/2004	37
66	B18	24° 48.00'	108° 17.40'	00:40	12/ 8/2004	49
67	B17	24° 44.60'	108° 22.00'	01:49	12/ 8/2004	746
68	B16	24° 41.10'	108° 27.10'	03:30	12/ 8/2004	997
69	B15	24° 38.00'	108° 32.10'	05:11	12/ 8/2004	1184
70	B14	24° 34.30'	108° 37.00'	06:56	12/ 8/2004	1367
71	B13	24° 30.70'	108° 41.90'	08:43	12/ 8/2004	1539
72	B12	24° 27.10'	108° 46.80'	10:18	12/ 8/2004	1651
73	B11	24° 23.30'	108° 51.60'	12:09	12/ 8/2004	1635
74	B10	24° 19.70'	108° 56.50'	13:43	12/ 8/2004	1952
75	B09	24° 16.00'	109° 1.60'	15:11	12/ 8/2004	2563
76	B08	24° 12.40'	109° 7.10'	16:43	12/ 8/2004	3234
77	B07	24° 9.10'	109° 11.60'	18:11	12/ 8/2004	1378
78	B06	24° 5.60'	109° 16.40'	19:41	12/ 8/2004	1373
79	B05	24° 2.10'	109° 21.40'	21:09	12/ 8/2004	1422
80	B04	23° 58.80'	109° 26.40'	23:32	12/ 8/2004	1615
81	B03	23° 55.40'	109° 31.30'	00:59	13/ 8/2004	1775
82	B02	23° 51.80'	109° 36.20'	02:31	13/ 8/2004	695
83	B01	23° 48.20'	109° 40.80'	03:52	13/ 8/2004	69
84	C01	24° 12.10'	109° 46.60'	07:12	13/ 8/2004	904
85	C02	24° 15.80'	109° 41.60'	08:46	13/ 8/2004	1583
86	C03	24° 19.20'	109° 36.80'	10:21	13/ 8/2004	361
87	C04	24° 22.80'	109° 31.80'	11:30	13/ 8/2004	1562
88	C05	24° 26.20'	109° 26.70'	12:57	13/ 8/2004	1467
89	C06	24° 29.60'	109° 21.60'	14:25	13/ 8/2004	2692
90	C07	24° 33.10'	109° 16.60'	15:55	13/ 8/2004	2709
91	C08	24° 36.60'	109° 11.70'	17:27	13/ 8/2004	2825
92	C09	24° 39.80'	109° 6.70'	18:55	13/ 8/2004	2900
93	C10	24° 43.50'	109° 1.70'	20:32	13/ 8/2004	1925
94	C11	24° 47.00'	108° 56.80'	22:10	13/ 8/2004	903
95	C12	24° 50.60'	108° 51.80'	23:36	13/ 8/2004	547
96	C13	24° 54.20'	108° 47.00'	00:58	14/ 8/2004	211

Table I continued						
97	C14	24° 57.70'	108° 42.00'	02:03	14/ 8/2004	78
98	C15	25° 1.20'	108° 36.90'	03:04	14/ 8/2004	38
99	C16	25° 4.70'	108° 31.90'	04:09	14/ 8/2004	22
100	D16	25° 15.40'	108° 58.50'	08:02	14/ 8/2004	22
101	D15	25° 12.00'	109° 3.60'	09:02	14/ 8/2004	205
102	D14	25° 8.40'	109° 8.40'	10:11	14/ 8/2004	1365
103	D13	25° 4.80'	109° 13.10'	11:49	14/ 8/2004	1631
104	D12	25° 1.20'	109° 17.80'	13:24	14/ 8/2004	1751
105	D11	24° 57.70'	109° 22.70'	15:14	14/ 8/2004	1400
106	D10	24° 54.10'	109° 27.80'	16:59	14/ 8/2004	2160
107	D09	24° 50.50'	109° 32.80'	18:44	14/ 8/2004	2211
108	D08	24° 46.80'	109° 37.70'	20:24	14/ 8/2004	2025
109	D07	24° 43.10'	109° 42.60'	21:59	14/ 8/2004	1595
110	D06	24° 39.70'	109° 47.50'	23:31	14/ 8/2004	1385
111	D05	24° 36.00'	109° 52.40'	01:11	15/ 8/2004	902
112	D04	24° 32.40'	109° 57.60'	02:40	15/ 8/2004	880
113	D03	24° 28.70'	110° 2.50'	04:13	15/ 8/2004	797
114	D02	24° 25.20'	110° 7.20'	05:38	15/ 8/2004	740
115	D01	24° 21.60'	110° 12.20'	07:06	15/ 8/2004	535
116	P01	24° 21.30'	110° 21.50'	08:53	15/ 8/2004	54
117	P02	24° 20.10'	110° 24.00'	09:32	15/ 8/2004	72
118	P03	24° 18.60'	110° 26.20'	10:11	15/ 8/2004	62
119	P04	24° 16.80'	110° 29.00'	10:54	15/ 8/2004	44
120	P05	24° 15.30'	110° 31.50'	11:33	15/ 8/2004	29
121	P06	24° 22.70'	110° 37.90'	13:06	15/ 8/2004	58
122	P07	24° 23.50'	110° 34.80'	13:47	15/ 8/2004	138
123	P08	24° 25.00'	110° 31.70'	14:29	15/ 8/2004	240
124	P09	24° 26.60'	110° 28.90'	15:09	15/ 8/2004	200
125	P10	24° 27.80'	110° 26.00'	15:53	15/ 8/2004	103
126	P11	24° 43.30'	110° 30.00'	18:39	15/ 8/2004	315
127	P12	24° 41.60'	110° 34.00'	19:37	15/ 8/2004	397
128	P13	24° 39.90'	110° 36.80'	20:27	15/ 8/2004	411
129	P14	24° 38.60'	110° 39.80'	21:13	15/ 8/2004	285
130	P15	24° 30.00'	110° 39.50'	22:40	15/ 8/2004	125
131	P16	24° 30.90'	110° 37.30'	23:15	15/ 8/2004	235
132	P17	24° 32.60'	110° 34.60'	00:00	16/ 8/2004	352
133	E01	24° 33.40'	110° 33.10'	00:48	16/ 8/2004	327
134	E02	24° 37.80'	110° 26.80'	01:56	16/ 8/2004	243
135	E03	24° 41.50'	110° 21.90'	03:10	16/ 8/2004	903
136	E04	24° 45.10'	110° 16.90'	04:45	16/ 8/2004	400
137	E05	24° 48.70'	110° 11.80'	05:58	16/ 8/2004	890
138	E06	24° 52.50'	110° 7.00'	07:23	16/ 8/2004	1285
139	E07	24° 56.20'	110° 2.10'	08:53	16/ 8/2004	1545
140	E08	24° 59.80'	109° 57.00'	10:25	16/ 8/2004	1520
141	E09	25° 3.50'	109° 52.20'	11:50	16/ 8/2004	1605
142	E10	25° 7.20'	109° 47.50'	13:19	16/ 8/2004	1500
143	E11	25° 11.00'	109° 42.70'	14:48	16/ 8/2004	2426
144	E12	25° 14.80'	109° 37.80'	16:23	16/ 8/2004	2329
145	E13	25° 18.50'	109° 32.90'	17:51	16/ 8/2004	2214
146	E14	25° 22.00'	109° 28.00'	19:27	16/ 8/2004	1875

Table I continued						
147	E15	25° 25.50'	109° 23.10'	21:00	16/ 8/2004	120
148	E16	25° 29.00'	109° 18.10'	22:13	16/ 8/2004	40
149	F13	25° 42.30'	109° 35.60'	01:01	17/ 8/2004	417
150	F12	25° 39.00'	109° 40.40'	02:13	17/ 8/2004	739
151	F11	25° 35.80'	109° 45.20'	03:58	17/ 8/2004	1600
152	F10	25° 32.60'	109° 49.70'	05:17	17/ 8/2004	2000
153	F09	25° 29.00'	109° 54.40'	07:03	17/ 8/2004	2278
154	F08	25° 25.60'	109° 58.90'	08:39	17/ 8/2004	2145
155	F07	25° 21.90'	110° 3.70'	10:21	17/ 8/2004	2348
156	F06	25° 18.60'	110° 8.30'	11:45	17/ 8/2004	2426
157	F05	25° 15.10'	110° 12.80'	13:17	17/ 8/2004	2368
158	F04	25° 11.70'	110° 17.40'	14:48	17/ 8/2004	1875
159	F03	25° 8.30'	110° 22.00'	16:21	17/ 8/2004	1620
160	F02	25° 4.90'	110° 26.70'	18:00	17/ 8/2004	1650
161	F01	25° 1.60'	110° 31.70'	19:30	17/ 8/2004	480
162	G01	25° 16.00'	110° 49.60'	23:22	17/ 8/2004	820
163	G02	25° 19.60'	110° 44.60'	01:02	18/ 8/2004	922
164	G03	25° 23.30'	110° 39.30'	02:36	18/ 8/2004	984
165	G04	25° 27.20'	110° 34.30'	04:09	18/ 8/2004	1050
166	G05	25° 30.90'	110° 29.10'	05:48	18/ 8/2004	785
167	G06	25° 34.50'	110° 24.20'	07:19	18/ 8/2004	1865
168	G07	25° 38.10'	110° 19.20'	08:54	18/ 8/2004	2025
169	G08	25° 41.80'	110° 14.20'	10:36	18/ 8/2004	2085
170	G09	25° 45.60'	110° 9.20'	12:20	18/ 8/2004	2100
171	G10	25° 49.50'	110° 3.90'	13:59	18/ 8/2004	1693
172	G11	25° 53.30'	109° 58.70'	15:42	18/ 8/2004	1390
173	G12	25° 56.90'	109° 53.50'	17:16	18/ 8/2004	1035
174	G13	26° 0.50'	109° 48.30'	18:42	18/ 8/2004	671
175	G14	26° 4.10'	109° 43.30'	20:00	18/ 8/2004	219
176	G15	26° 7.80'	109° 38.10'	21:04	18/ 8/2004	200
177	G16	26° 11.50'	109° 33.10'	22:09	18/ 8/2004	71
178	G17	26° 15.20'	109° 28.10'	23:27	18/ 8/2004	59
179	H14	26° 30.40'	109° 44.90'	02:49	19/ 8/2004	121
180	H12	26° 22.20'	109° 55.70'	05:00	19/ 8/2004	548
181	H10	26° 14.30'	110° 6.50'	07:18	19/ 8/2004	922
182	H08	26° 6.00'	110° 17.40'	09:58	19/ 8/2004	1748
183	H06	25° 58.00'	110° 28.30'	12:31	19/ 8/2004	1343
184	H04	25° 49.70'	110° 39.30'	15:01	19/ 8/2004	1170
185	H02	25° 44.10'	110° 49.90'	17:26	19/ 8/2004	515
186	I01	26° 17.50'	110° 45.10'	22:37	19/ 8/2004	2145
187	I02	26° 23.20'	110° 45.10'	00:24	20/ 8/2004	2676
188	I03	26° 27.50'	110° 45.90'	01:40	20/ 8/2004	2486
189	I04	26° 32.50'	110° 46.20'	03:04	20/ 8/2004	1500
190	I05	26° 46.90'	110° 49.10'	06:00	20/ 8/2004	1667
191	I06	26° 56.60'	110° 50.40'	08:07	20/ 8/2004	1653
192	I07	27° 6.60'	110° 52.00'	10:21	20/ 8/2004	1654
193	I08	27° 12.00'	110° 55.40'	11:53	20/ 8/2004	1588
194	I09	27° 20.10'	110° 54.90'	13:46	20/ 8/2004	1458
195	I10	27° 26.60'	110° 54.50'	15:27	20/ 8/2004	1385
196	I11	27° 36.10'	110° 56.10'	17:35	20/ 8/2004	1102



### 3. INSTRUMENTATION

#### 3.1 CTD calibration.

The CTD SBE-911 *plus*, manufactured by Sea-Bird Electronics Inc., consists of an underwater unit (SBE-9) and a deck unit (SBE-11 *plus*). The former carries out the measurements of pressure, temperature and conductivity sensors (primary and secondary) as well as four auxiliary channels that can allow attachment of other sensors, such as turbidity or dissolved oxygen. The underwater unit synchronizes the acquisition of data and sends them to the deck unit in the laboratory, through the conducting CTD cable. The deck unit stores the data and allows monitoring of the cast. Factory specifications for the CTD are shown in table II.

TABLE II. CTD *SBE-911 plus* Sensor specifications as provided by the manufacturer.

PARAMETER	RANGE	PRECISION	RESOLUTION	STABILITY
Conductivity [Siemens/m]	0-7	0.0003	0.00004	0.0003 S/m/month
Temperature [°C]	-5 a 35	0.001	0.0003	0.0002 °C/month
Pressure [psi]	0-15000	0.015% of full scale	0.001 % of full scale	0.0015 % of full scale
Dissolved oxygen [ml/l]	0-15	0.1	0.01	---
Fluorescence [µg/l]	0-150	0.02	0.03	---

CTD sensors were calibrated at the Sea-Bird Electronics Inc. laboratories in January and March of 2004. Table III shows the results of submerging the temperature sensors in a bath with temperature changes. The pressure sensor (digiquartz 410K-105)

was calibrated in March, 2004. The calibration was performed via a standard piston of the Ruska type, model 5201 with an error of  $< 1.5$  psi in a maximum pressure of 10000 psi. The output frequencies of the temperature and conductivity sensors are used to tabulate the calibration coefficients for conversion equations to units of the International Unit System in Oceanography (UNESCO, 1985).

TABLE III. Calibration experiments for temperature sensors. March, 2004.

Serial Number 2704			Serial Number 2725		
Standard Temperature [°C]	CTD [°C]	Residual [°C]	Standard Temperature [°C]	CTD [°C]	Residual [°C]
-1.50004	-1.50010	-0.00006	-1.50000	-1.50004	-0.00004
1.00007	1.00010	0.00007	1.00003	1.00010	0.00007
4.50004	4.50010	0.00006	4.50000	4.50001	0.00001
8.00003	8.00000	-0.00003	8.00000	7.99995	-0.00005
11.50000	11.49993	-0.00007	11.50004	11.50000	-0.00004
15.0000	14.99994	-0.00006	15.00000	15.00002	0.00002
18.50003	18.50010	0.00007	18.50000	18.50004	0.00004
22.00000	22.00015	0.00005	22.00000	22.00002	0.00002
25.50000	25.50000	0.00000	25.50003	25.50000	-0.00003
29.00004	29.00000	-0.00004	29.00003	29.00000	-0.00003
32.50000	32.50001	0.00001	32.50000	32.50002	0.00002

CTD conductivity sensors were also calibrated in laboratory against standards. The comparison was made by means of 2 experiments, varying temperature and varying salinity. The results are shown in Table IV. Finally, the results of the laboratory calibration of the dissolved oxygen sensor are presented in Table V.

The measurements of *in vivo* fluorescence performed with the sensor installed in the CTD allow accurate calculations of the vertical distribution of the phytoplankton biomass, measured as chlorophyll concentration. These measurements should be accompanied by control samples of chlorophyll concentration to make corrections to the standard fluorimetric method proposed by Holm-Hansen *et al.* (1965). The reasons for doing this are mainly that chlorophyll is contained in packages inside the phytoplankton, causing an effect of self-shading that produces low results. There are other substances that emit fluorescence in the sea, such as the CDOM (Colored Dissolved Organic Matter), detritus (particulate matter) that affect chlorophyll concentration calculations by the sensor.

TABLE IV. Results from conductivity calibration in the laboratory. March, 2004.

Standard Temperature [°C]	Standard Salinity [PSU]	Serial Number 2260			Serial Number 2253		
		Standard Conductivity [S/m]	CTD [S/m]	Residual [S/m]	Standard Conductivity [S/m]	CTD [S/m]	Residual [S/m]
0.0000	0.0000	0.0000	0.00000	0.00000	0.00000	0.00000	0.00000
-1.0002	34.8630	2.80797	2.80793	-0.00004	2.80797	2.80792	-0.00005
0.9998	34.8625	2.97952	2.97956	0.00004	2.97952	2.97956	0.00004
14.9998	34.8639	4.27681	4.27682	0.00000	4.27681	4.27685	0.00003
18.4998	34.8640	4.62399	4.62399	0.00000	4.62399	4.62399	-0.00001
28.9998	34.8634	5.70914	5.70913	-0.00001	5.70914	5.70907	-0.00007
32.4998	34.8601	6.08274	6.08275	0.00001	6.08274	6.08279	0.00005

TABLE V. Results of the dissolved oxygen sensor *SB4*, serial number *0148*, calibration. January, 2004.

Standard Temperature [°C]	Standard Salinity [PSU]	Standard Dissolved Oxygen [S/m]	CTD [ml/l]	Residual [ml/l]
5.00	0.01	1.71	1.72	0.01
25.00	0.02	1.58	1.58	0.00
5.00	0.01	2.62	2.62	0.00
25.00	0.02	2.45	2.44	-0.01
5.00	0.01	3.52	3.52	0.00
25.00	0.02	3.33	3.33	0.00
5.00	0.01	5.33	5.33	0.00
25.00	0.02	5.12	5.12	0.00
5.00	0.01	6.67	6.67	0.00
25.00	0.02	6.46	6.47	0.01

### 3.2 CTD data retrieval

Data from the CTD, in frequency units and with a sampling rate of 24 *Hz*, were converted to digital data via the *SBE-11 plus* recording unit. This recording unit sends the digitalized data to a personal computer where they are stored in the hard disk while displaying them in graphic form. The only processing in real time is the subsampling of raw data that are displayed on the screen of the computer to monitor the cast.

## 4. CTD DATA PROCESSING AND PRESENTATION

The goal of processing CTD data is to produce, with the utilities provided by the manufacturer, profiles that are clean of all types of errors (noise and "spikes"). The utilities used here are those provided by the Sea-Bird (2004) manufacturer. As a first step, data with differences greater than two standard deviations among 48 successive data

(2 seconds) of pressure, temperature and conductivity are identified and eliminated. The WILDEDIT module carries this out. Later, it is necessary to correct time lag between the signals of the temperature and conductivity sensors. A delay of 0.073 caused by the position of the sensors in the water pumping duct, which is always constant, is used. This correction is done via the ALIGNCTD module. If this it is not corrected, leaps or “spikes” will appear when calculating salinity in areas with a strong thermal gradient. Subsequently, reduction of high-frequency noise is necessary. For pressure and conductivity this noise is reduced via repeated low-pass filtering with a time constant of 0.20 s and 0.045 s, for the respective sensors. The FILTER module is in charge of performing this task. Afterward, it is necessary to make an adjustment because of the water flow through the pumping duct, which produces thermal anomalies in the conductivity cell, especially when the CTD passes through strong temperature gradients. The module used to correct this anomaly is called CELLTM, and two parameters are required ( $\alpha=0.034$  y  $\tau=7.0$  s) to minimize the differences of salinity between the lowering profile and the ascending profile. The values recommended by the manufacturer were used (Godínez *et al.*, 2005). As a last correction, the LOOPEDIT module is applied to correct the error produced by the irregular movement of the ship when lowering or rising the CTD.

After applying those modules on the data retrieved from the pair of secondary and primary CTD sensors, a clean profile is obtained. This profile can be averaged and used to calculate the different oceanographic variables of interest (UNESCO, 1988). The final data from this campaign were averaged to 1 db, and are downloadable from the NAME website. The algorithms developed by Fofonoff and Millard (1983) were used to calculate salinity. In accordance with the recommendation of UNESCO (1991), the anomaly of potential density is reported ( $\gamma_\theta$ ,  $\text{kgm}^{-3}$ ).

Appendix A shows data of the CTD primary sensors in the shape of vertical profiles of potential temperature ( $\theta$ ), salinity and density anomaly ( $\gamma_\theta$ ), along with a discrete listing of data at selected depths and meteorological variables obtained at the

station. The symbols of the headlines are given in Table VI. A not-measured variable is reported with a value of 99.9 and, for the case of cloudiness, with 9.

Table VI. Symbols used as headers of vertical CTD profiles.

STATION	Name of station
CAST	Cast Number
LATITUDE	Geographical Location (°N)
LONGITUDE	Geographical Location (°W)
DD/MM/AA	Date day/month/year
H	Hour, Universal Time (UT)
PROFTOT	Depth of Bottom (m)
TEMSUP	Surface Temperature [°C]
SALSUP	Surface Salinity [psu]
TEBUHU	Wet Bulb Temperature [°C]
TEBUSE	Dry bulb temperature[°C]
V-MAG	Wind Speed[m/s]
DIR	Wind direction [azimuth]
NUBES	Cloudiness [octas]
BAROM	Atmospheric pressure [mb]
PR	CTD Pressure [db]
$\theta$	CTD Potential Temperature[°C]
SA	CTD Salinity [psu]
$\gamma_{\theta}$	Density $-1000$ [kg/m <sup>3</sup> ]
O <sub>2</sub>	Dissolved Oxygen [ml/l]
FLU	Fluorescence [ $\mu$ g/l]

Figure 6 presents a diagram of all the CTD casts, as a test of the quality of the data. The presence of lobes or salinity inversions in the  $\theta$ -S diagram is evident (temperatures between 13 and 20 °C). These types of structures have been documented previously for this zone by Godínez *et al.*, (2005).

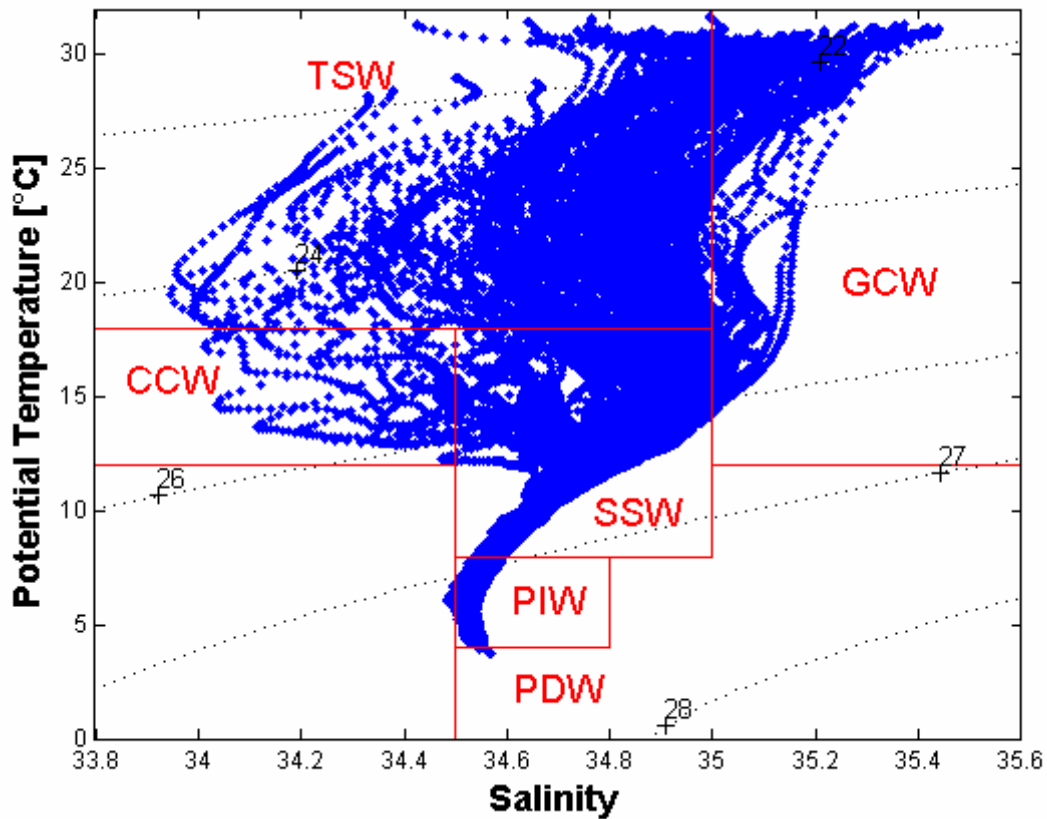


Figure 6.  $\theta$ -S diagram of all CTD stations in the *NAME-02* campaign. The thermohaline ranges (red lines) proposed by Torres-Orozco (1993) are included: GCW = Gulf of California Water; TSW= Tropical Surface Water; CCW= California Current Water; SSW= Subsurface Subtropical Water; PIW= Pacific Intermediate Water; PDW= Pacific Deep Water. The density anomaly contours are included.

## 5 ACKNOWLEDGEMENTS

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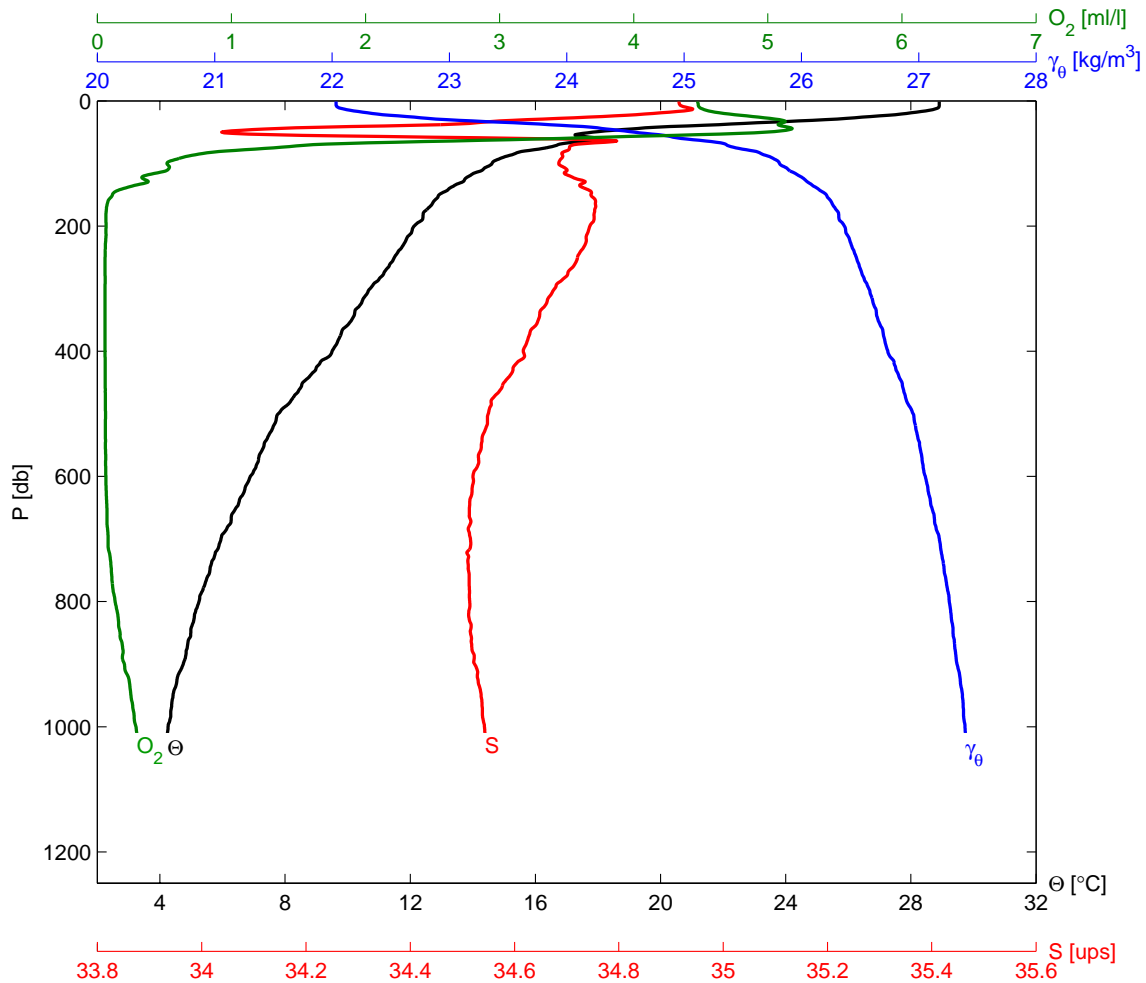


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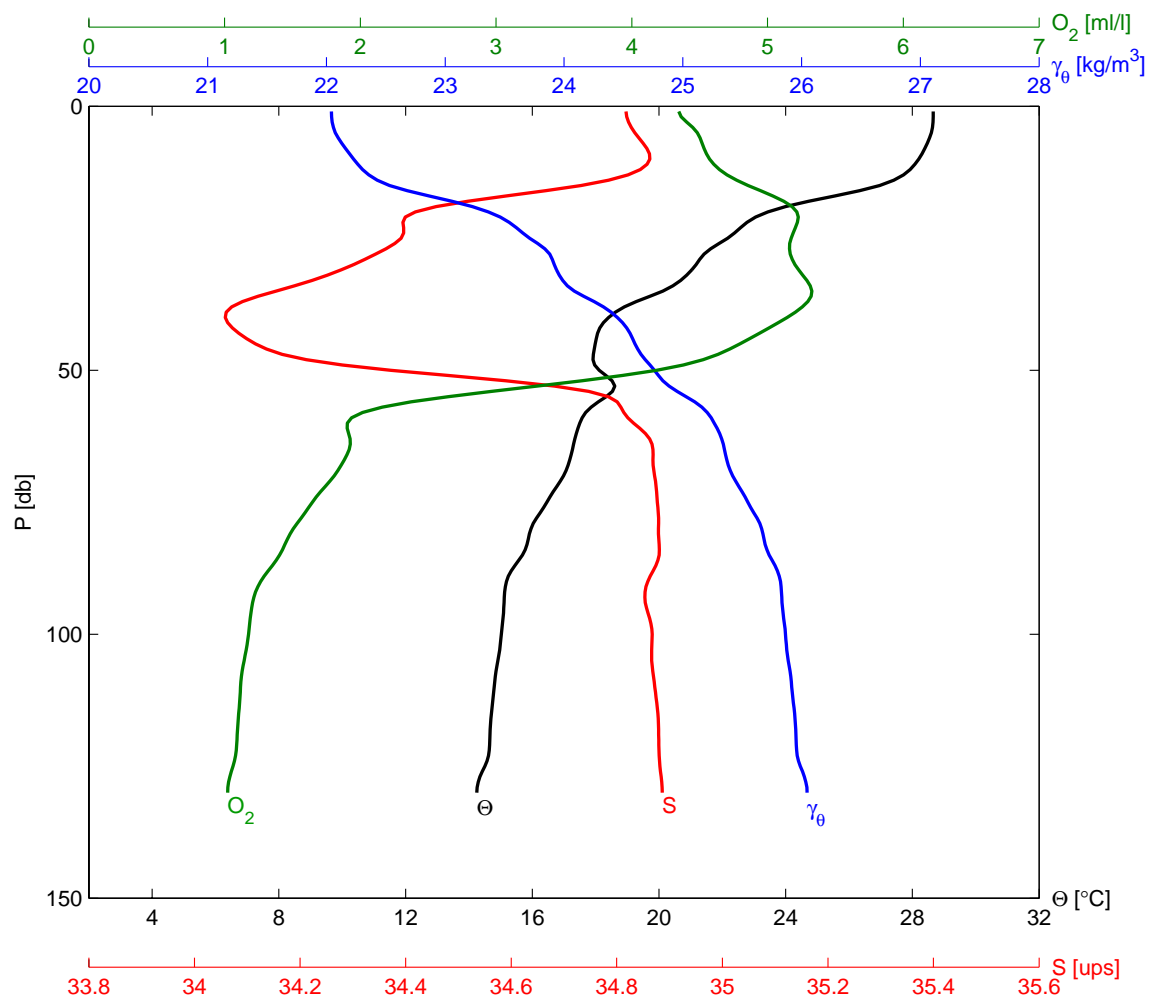
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APPENDIX A: Potential Temperature Vertical Profiles ( $\theta$  °C),  
Salinity (psu), Anomaly of potential density ( $\gamma_{\theta}$   $\text{kgm}^{-3}$ )  
Dissolved oxygen ( $\text{ml}^{-1}$ ), and fluorescence ( $\mu\text{gl}^{-1}$ ) retrieved from the CTD.

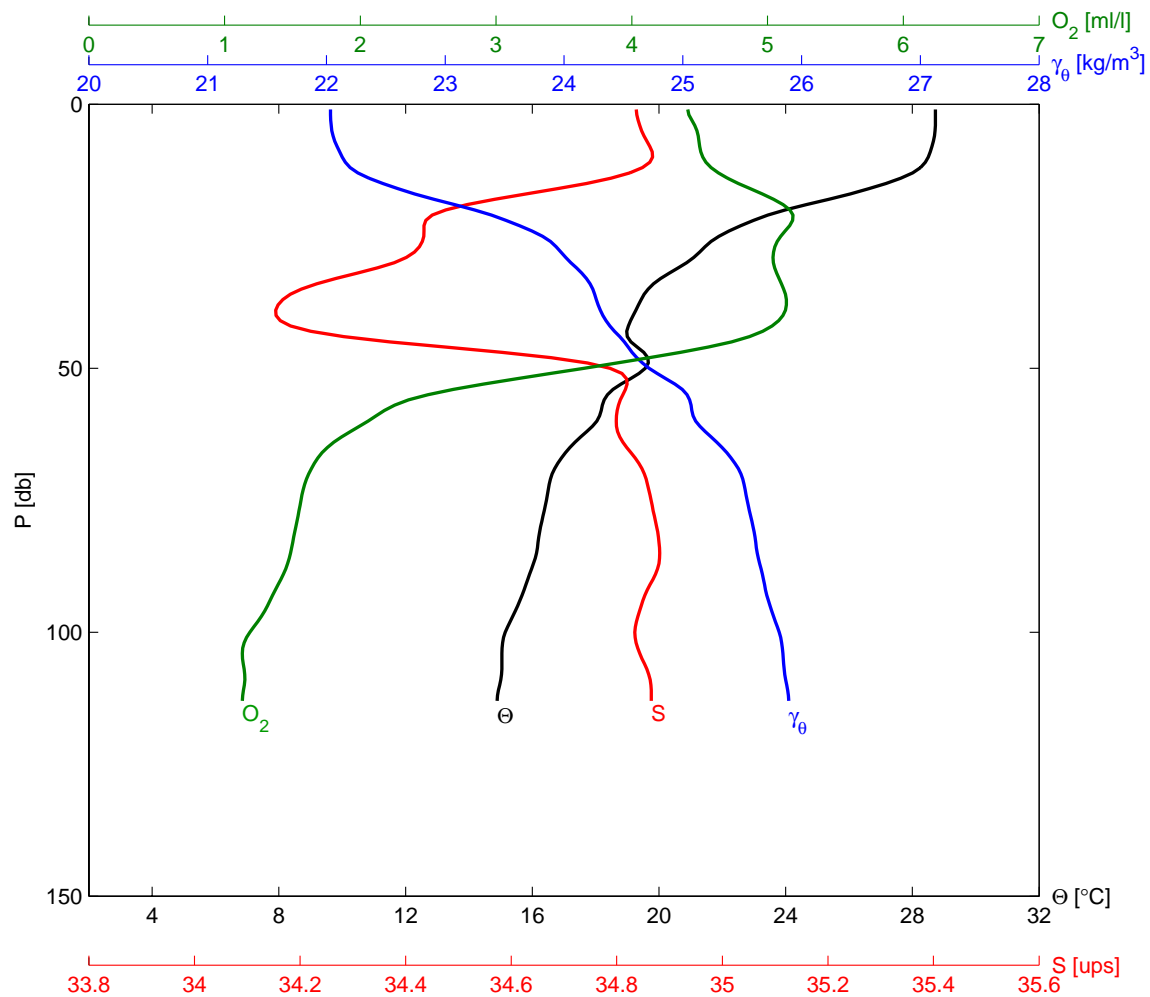
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X05	1	23	9.4	109	18.0	7	8	2004	0610
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1571.0	28.9	34.92	86.0	28.3	1.9	190	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	28.905	34.915	22.035	4.477	160.0	12.761	34.755	26.252	0.080
5.0	28.908	34.916	22.034	4.481	180.0	12.416	34.753	26.317	0.065
10.0	28.893	34.928	22.048	4.489	200.0	12.126	34.745	26.367	0.065
20.0	27.859	34.865	22.342	4.673	300.0	10.716	34.677	26.575	0.058
30.0	25.275	34.624	22.975	5.087	400.0	9.505	34.617	26.736	0.058
40.0	20.853	34.353	24.042	5.101	500.0	7.781	34.550	26.953	0.061
50.0	17.839	34.036	24.574	4.985	600.0	6.890	34.520	27.056	0.064
60.0	18.029	34.620	24.975	3.454	700.0	5.952	34.515	27.176	0.080
80.0	15.666	34.699	25.592	0.964	800.0	5.251	34.514	27.261	0.133
100.0	14.613	34.685	25.814	0.519	900.0	4.744	34.523	27.327	0.202
120.0	13.888	34.706	25.984	0.345	1000.0	4.263	34.542	27.395	0.288
140.0	13.246	34.735	26.139	0.196	1010.0	4.243	34.543	27.397	0.294



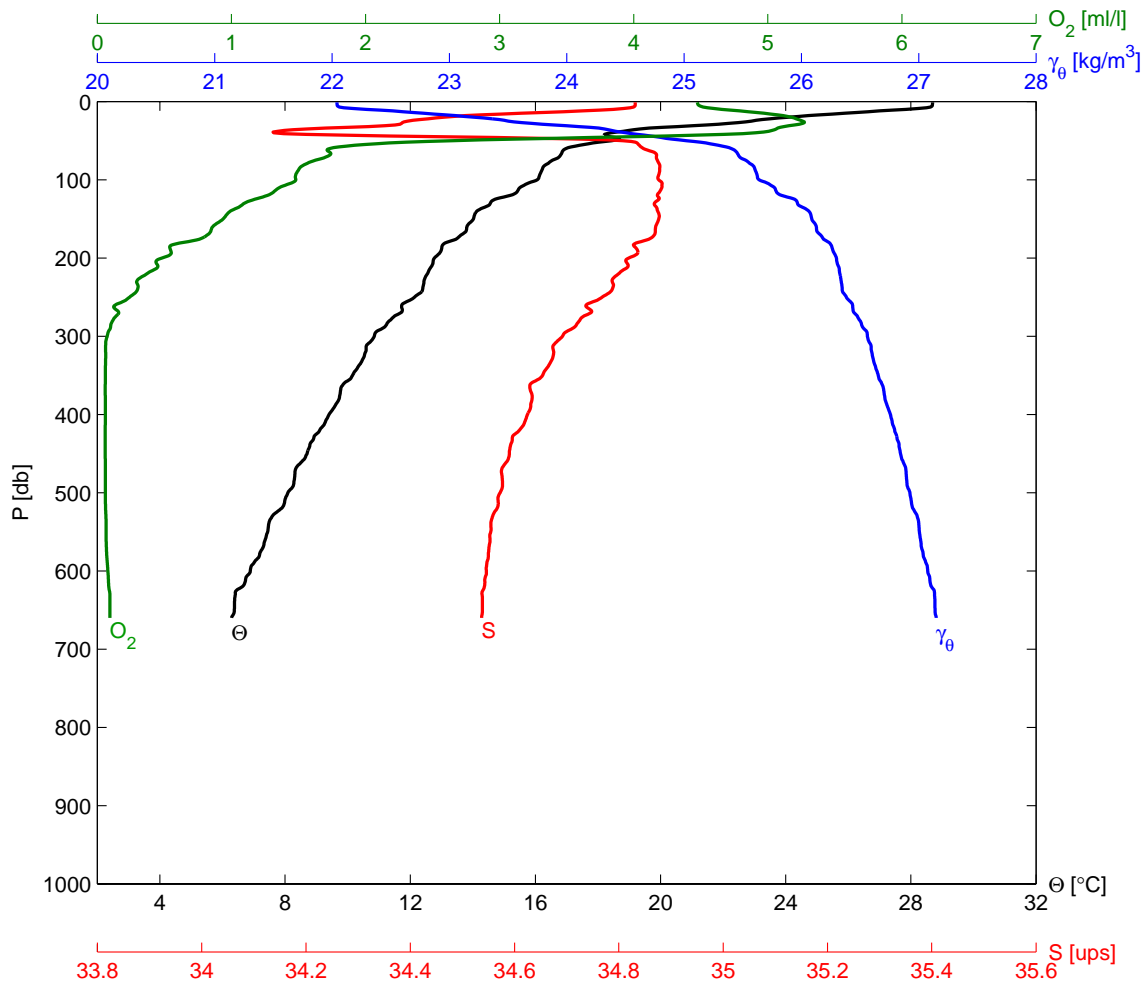
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
X04	2	23	5.3	109	23.3	7	8	2004	0756
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
151.0	28.6	34.83	85.0	27.8	0.9	263	9	1011.0	
PR	$\Theta$	SA	$\gamma$	$O_2$	PR	$\Theta$	SA	$\gamma$	$O_2$
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	28.656	34.818	22.045	4.363	50.0	18.112	34.367	24.761	4.183
5.0	28.598	34.834	22.075	4.482	60.0	17.502	34.831	25.265	1.905
10.0	28.202	34.864	22.229	4.573	80.0	15.959	34.879	25.665	1.507
20.0	23.438	34.413	23.363	5.215	100.0	15.023	34.867	25.865	1.176
30.0	21.168	34.302	23.918	5.203	120.0	14.659	34.880	25.954	1.092
40.0	18.411	34.057	24.450	5.144	130.0	14.248	34.886	26.048	1.023



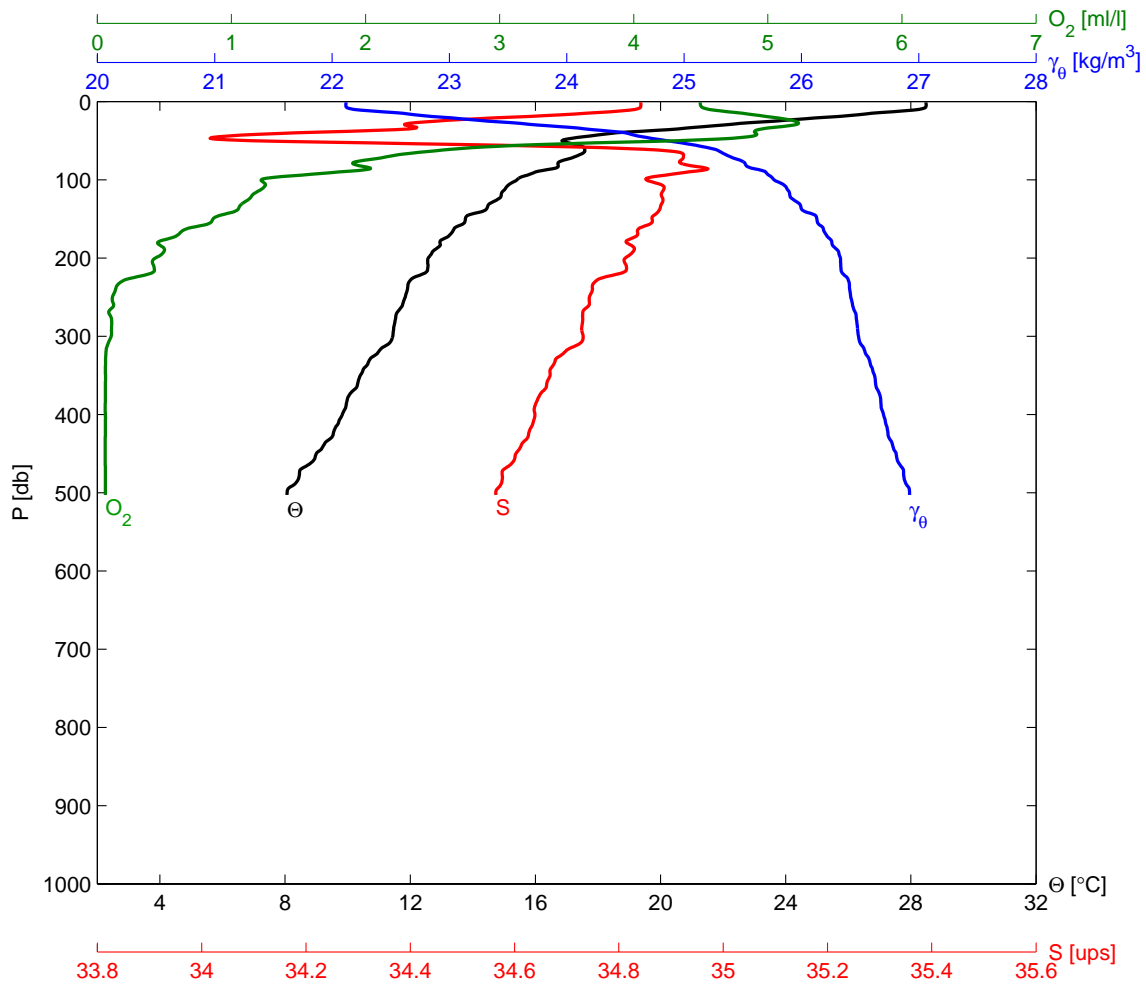
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
X03	3	23	1.3	109	28.5	7	8	2004	009
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
7.0	28.7	34.85	85.1	27.4	0.9	277	9	1011.0	
PR	$\Theta$	SA	$\gamma$	$O_2$	PR	$\Theta$	SA	$\gamma$	$O_2$
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	28.728	34.838	22.035	4.421	40.0	19.185	34.153	24.328	5.113
5.0	28.717	34.847	22.046	4.480	50.0	19.569	34.793	24.718	3.647
10.0	28.502	34.870	22.134	4.522	60.0	18.040	34.799	25.109	2.057
20.0	23.990	34.472	23.247	5.164	80.0	16.264	34.876	25.592	1.525
30.0	20.874	34.381	24.058	5.043	100.0	15.148	34.834	25.812	1.186
113.0	14.893	34.865	25.892	1.131					



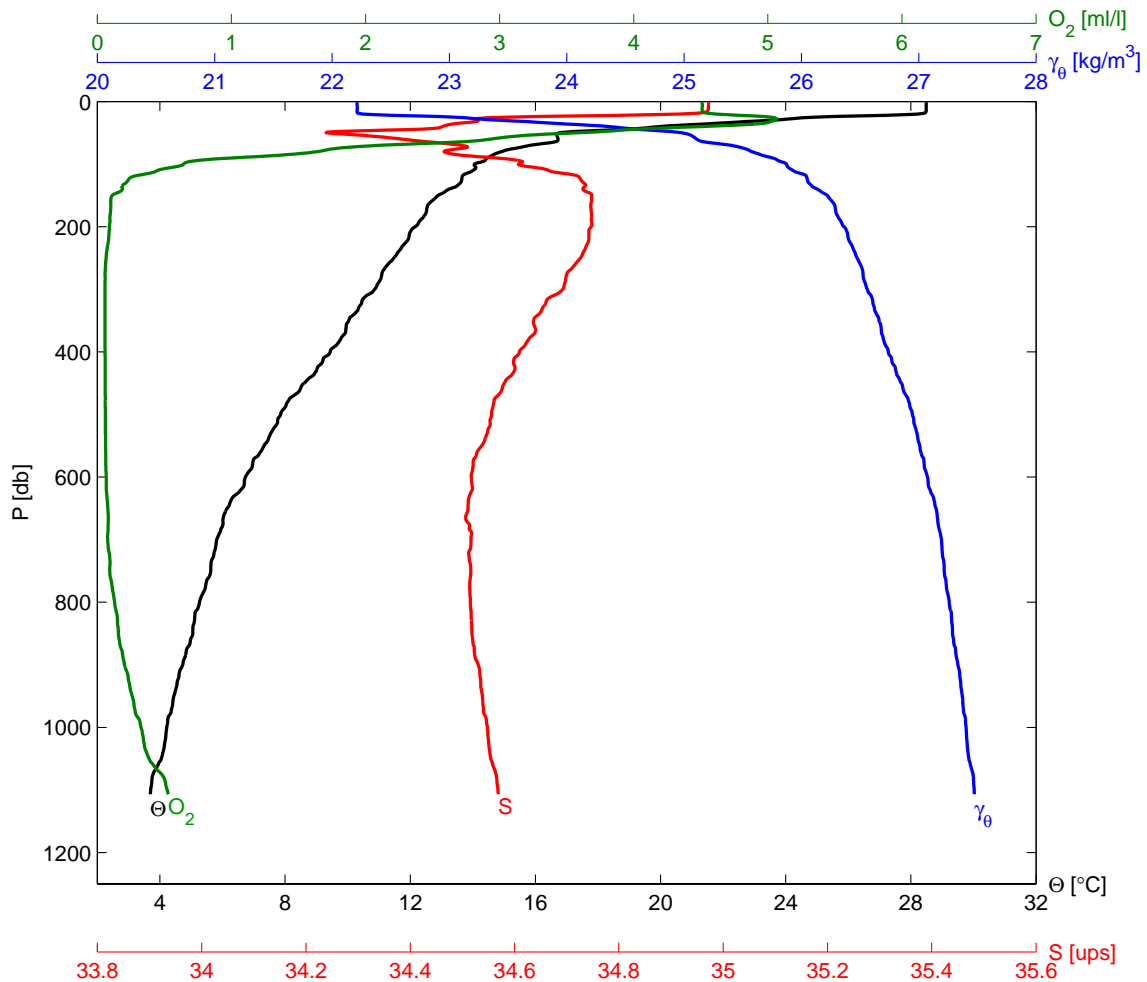
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
X02	4	22 57.3	109 34.5	7	8	2004	1025		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
664.0	28.7	34.83	84.9	27.4	0.8	342	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	28.690	34.831	22.043	4.475	120.0	15.194	34.873	25.832	1.268
5.0	28.686	34.832	22.044	4.486	140.0	14.132	34.874	26.063	0.993
10.0	27.841	34.791	22.292	4.657	160.0	13.812	34.871	26.127	0.860
20.0	24.097	34.464	23.209	5.175	180.0	13.166	34.837	26.234	0.645
30.0	21.465	34.374	23.892	5.199	200.0	12.773	34.819	26.298	0.482
40.0	18.421	34.134	24.506	4.909	300.0	10.853	34.692	26.563	0.073
50.0	18.436	34.812	25.021	2.643	400.0	9.403	34.625	26.759	0.060
60.0	16.981	34.847	25.402	1.733	500.0	8.092	34.572	26.924	0.060
80.0	16.369	34.878	25.569	1.553	600.0	6.889	34.546	27.077	0.079
100.0	16.063	34.876	25.639	1.480	660.0	6.293	34.537	27.149	0.094



ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
X01	5	22 53.4	109 39.9	7	8	2004	1154		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
526.0	28.5	34.85	79.0	27.6	1.3	342	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	28.485	34.842	22.119	4.496	100.0	15.415	34.852	25.767	1.222
5.0	28.488	34.842	22.118	4.499	120.0	14.906	34.882	25.902	1.154
10.0	28.267	34.833	22.184	4.560	140.0	14.339	34.876	26.020	1.031
20.0	25.325	34.594	22.937	5.031	160.0	13.481	34.846	26.176	0.733
30.0	22.027	34.387	23.746	5.197	180.0	12.947	34.814	26.260	0.451
40.0	18.590	34.181	24.500	4.906	200.0	12.574	34.812	26.333	0.433
50.0	16.844	34.091	24.854	4.324	300.0	11.440	34.732	26.486	0.104
60.0	17.579	34.814	25.233	2.712	400.0	9.827	34.639	26.700	0.060
80.0	16.720	34.923	25.522	1.910	500.0	8.066	34.564	26.922	0.060
503.0	8.065	34.564	26.922	0.060					

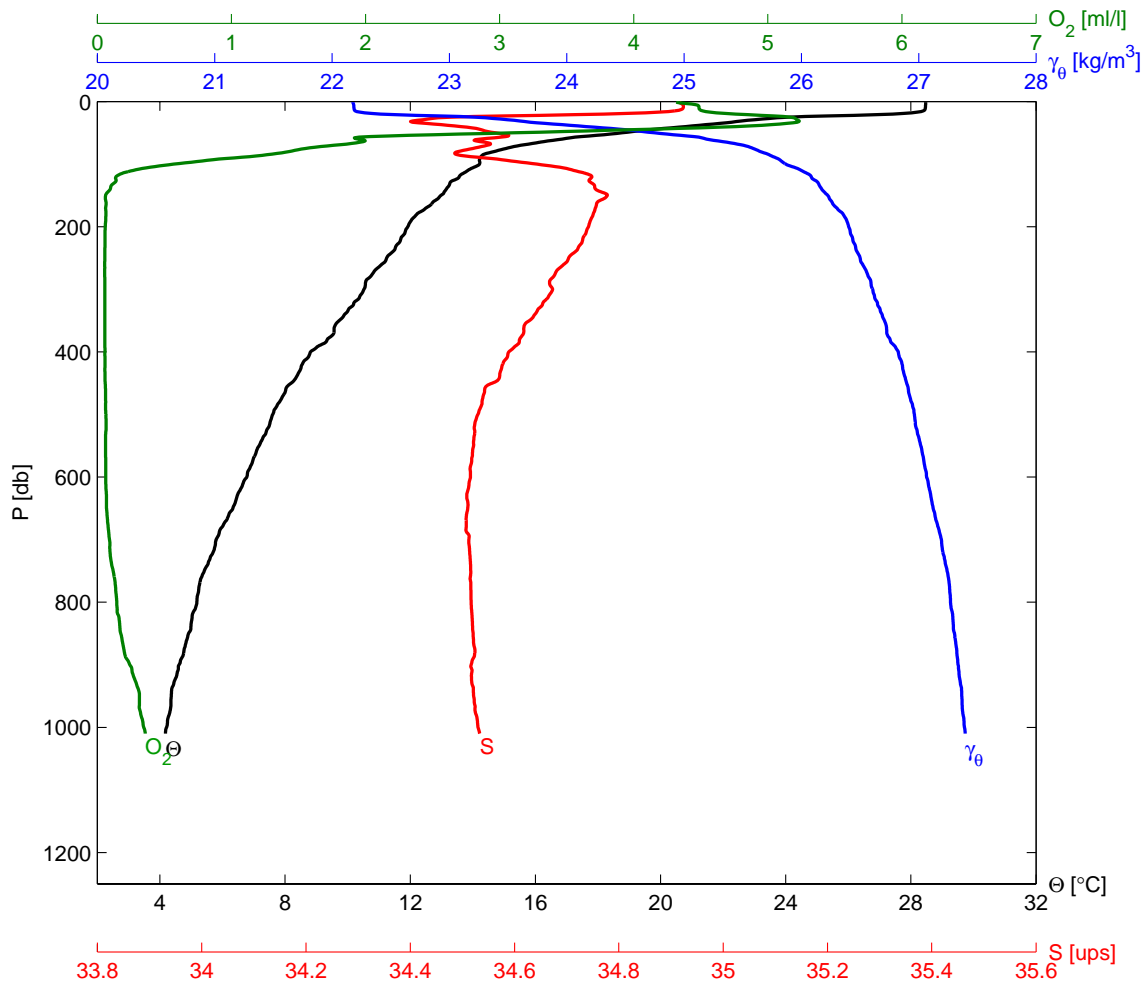


ESTACION Y01	LANCE 6	LATITUD 22 48.7	LONGITUD 109 36.3	DD 7	MM 8	AA 2004	H[UT] 0013		
PROFTOT [m]	TEMSUP [°C]	SALSUP [ups]	TEBUHU [°C]	TEBUSE [°C]	V-MAG [m/s]	DIR [AZM]	NUBES [1/8]	BAROM [bar]	
8.0	28.5	34.97	85.5	27.4	0.7	325	9	1011.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m <sup>3</sup> ]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m <sup>3</sup> ]	O <sub>2</sub> [ml/l]
2.0	28.493	34.972	22.214	4.510	160.0	12.669	34.747	26.264	0.100
5.0	28.492	34.972	22.214	4.511	180.0	12.483	34.748	26.300	0.096
10.0	28.490	34.972	22.215	4.510	200.0	12.159	34.747	26.363	0.090
20.0	28.213	34.918	22.266	4.616	300.0	10.864	34.693	26.561	0.058
30.0	23.499	34.531	23.435	5.051	400.0	9.443	34.609	26.741	0.058
40.0	19.965	34.461	24.361	4.503	500.0	7.858	34.556	26.947	0.060
50.0	16.771	34.235	24.982	3.579	600.0	6.733	34.517	27.075	0.067
60.0	16.723	34.384	25.107	2.935	700.0	5.814	34.516	27.194	0.077
80.0	14.922	34.464	25.577	1.644	800.0	5.266	34.515	27.260	0.129
100.0	14.050	34.607	25.873	0.644	900.0	4.730	34.530	27.334	0.203
120.0	13.662	34.723	26.044	0.263	1000.0	4.217	34.548	27.404	0.326
140.0	13.242	34.731	26.136	0.187	1107.0	3.694	34.569	27.474	0.528

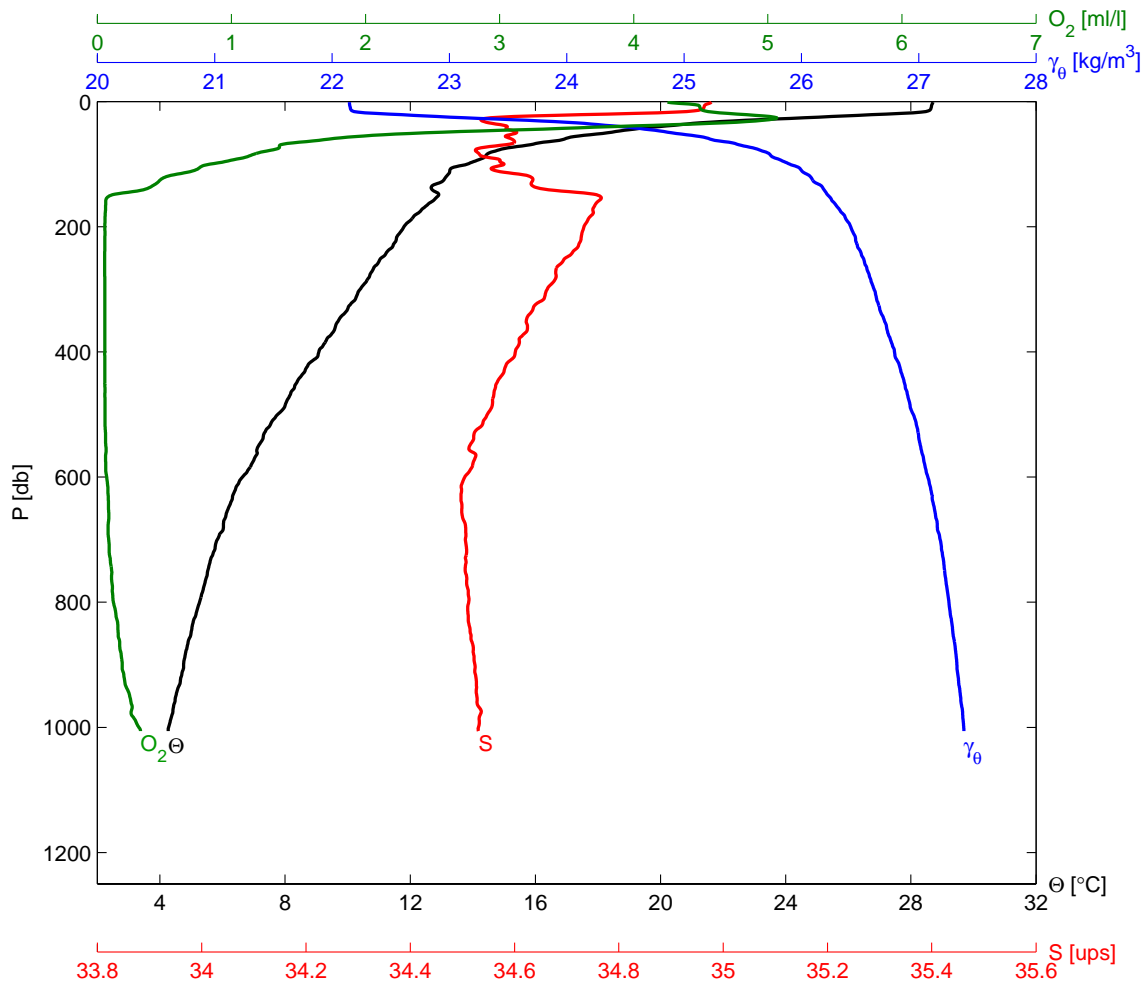




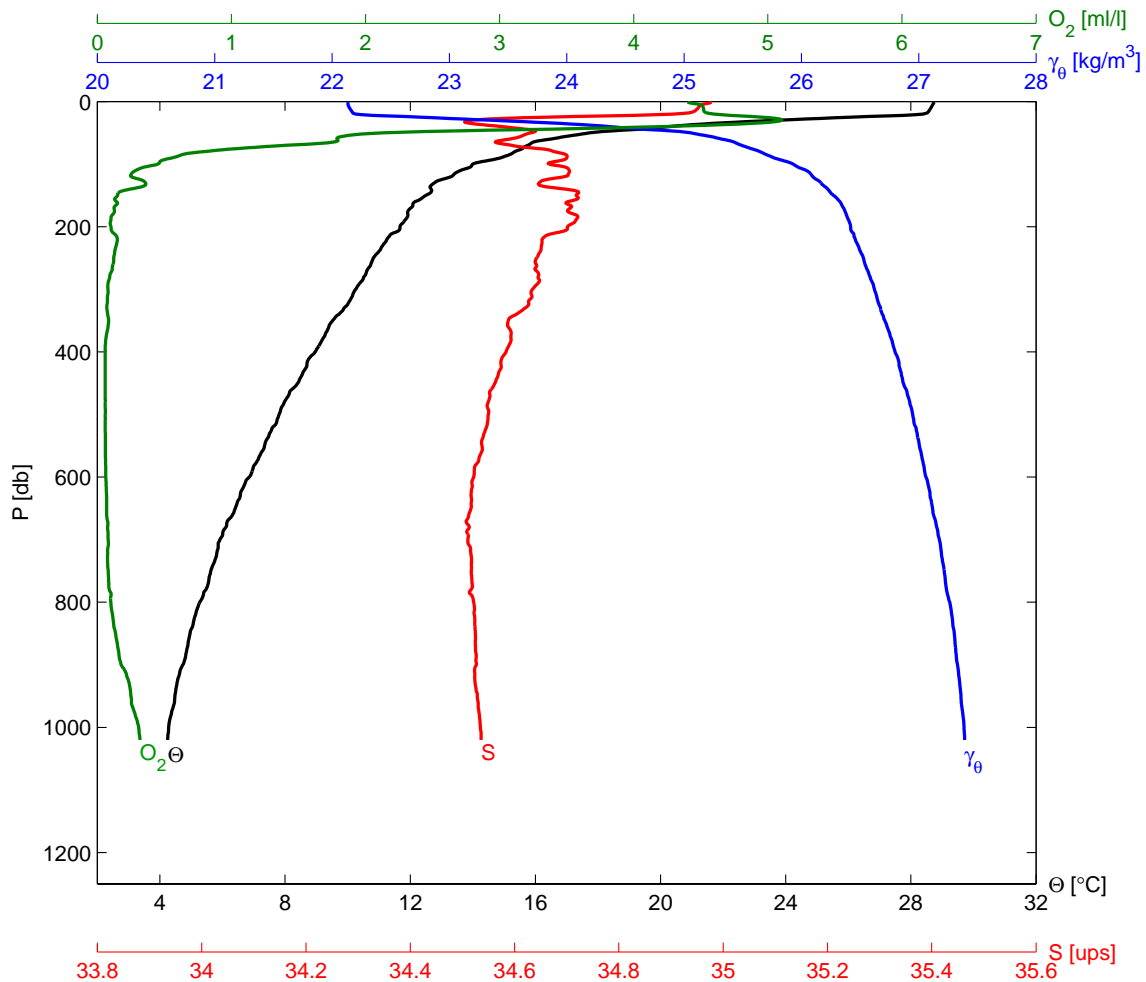
ESTACION Y02	LANCE 7	LATITUD 22 43.7	LONGITUD 109 32.4	DD 7	MM 8	AA 2004	H[UT] 1442		
PROFTOT [m]	TEMSUP [°C]	SALSUP [ups]	TEBUHU [°C]	TEBUSE [°C]	V-MAG [m/s]	DIR [AZM]	NUBES [1/8]	BAROM [bar]	
1500.0	28.5	34.92	77.5	28.1	1.1	298	9	1012.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	28.474	34.917	22.178	4.335	160.0	12.743	34.760	26.259	0.064
5.0	28.470	34.923	22.185	4.462	180.0	12.211	34.751	26.356	0.064
10.0	28.464	34.923	22.187	4.487	200.0	11.924	34.742	26.404	0.059
20.0	27.422	34.774	22.414	4.760	300.0	10.523	34.673	26.607	0.056
30.0	22.785	34.414	23.552	5.226	400.0	8.816	34.589	26.826	0.057
40.0	20.807	34.497	24.165	4.765	500.0	7.604	34.530	26.963	0.063
50.0	18.768	34.563	24.747	3.108	600.0	6.778	34.516	27.068	0.062
60.0	16.857	34.533	25.191	1.945	700.0	5.797	34.512	27.193	0.091
80.0	14.679	34.491	25.650	1.430	800.0	5.181	34.517	27.271	0.145
100.0	14.211	34.643	25.868	0.570	900.0	4.614	34.517	27.336	0.243
120.0	13.567	34.749	26.083	0.140	1000.0	4.211	34.530	27.390	0.346
140.0	13.153	34.755	26.173	0.096	1010.0	4.177	34.533	27.396	0.357



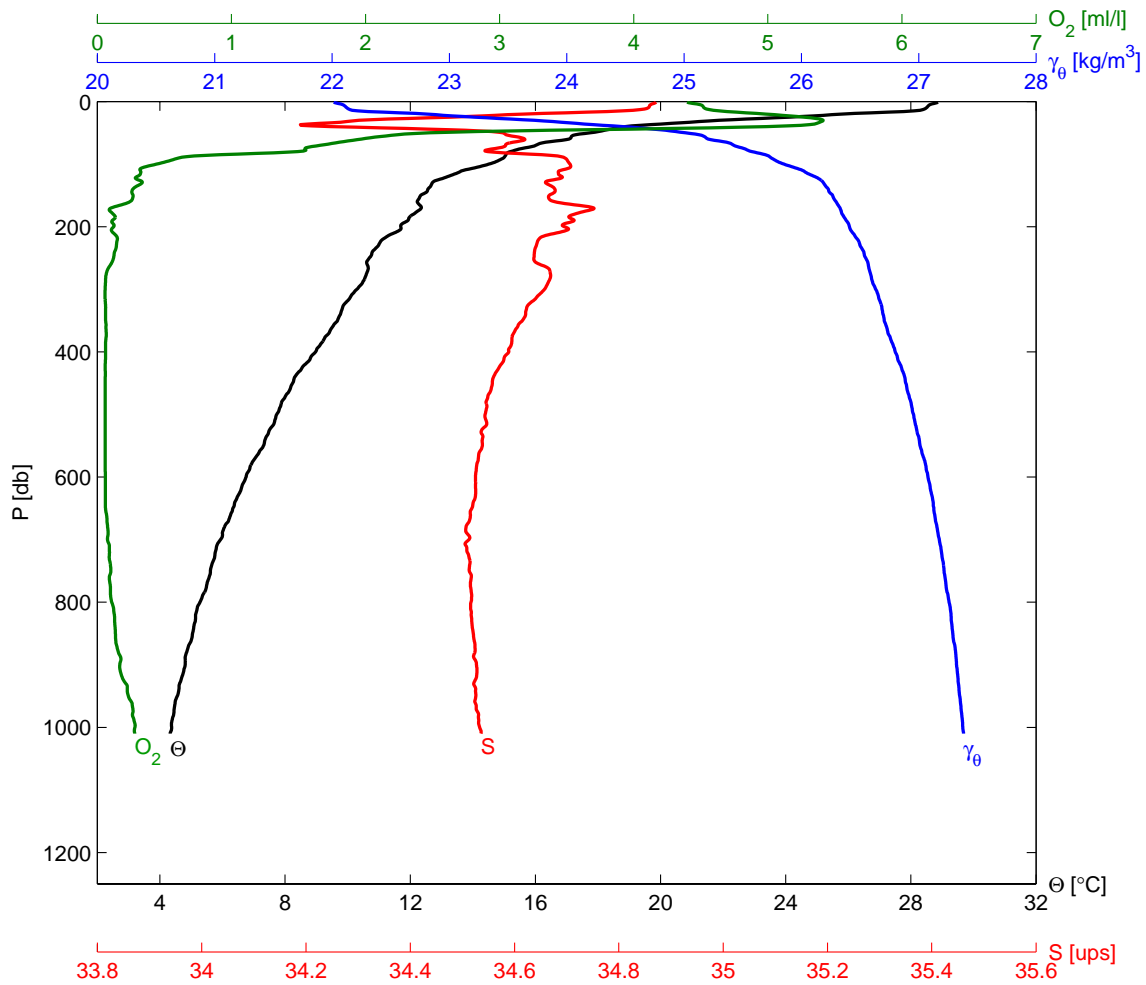
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
Y03	8	22 37.0	109 28.7	7	8	2004	1623		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2799.0	28.8	35.08	77.4	28.6	1.5	282	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	28.700	34.977	22.149	4.279	160.0	12.691	34.759	26.269	0.062
5.0	28.671	34.966	22.150	4.459	180.0	12.197	34.750	26.358	0.059
10.0	28.647	34.963	22.156	4.494	200.0	11.801	34.733	26.420	0.057
20.0	27.214	34.780	22.485	4.772	300.0	10.402	34.663	26.619	0.056
30.0	22.714	34.535	23.665	4.964	400.0	9.078	34.602	26.794	0.056
40.0	19.955	34.587	24.460	3.846	500.0	7.764	34.548	26.954	0.057
50.0	18.306	34.605	24.895	2.448	600.0	6.637	34.505	27.078	0.070
60.0	16.925	34.595	25.222	1.727	700.0	5.834	34.506	27.183	0.085
80.0	14.650	34.527	25.684	1.240	800.0	5.264	34.512	27.258	0.120
100.0	13.825	34.581	25.900	0.840	900.0	4.759	34.524	27.325	0.186
120.0	13.150	34.630	26.077	0.515	1000.0	4.278	34.531	27.384	0.310
140.0	12.684	34.656	26.190	0.360	1006.0	4.266	34.531	27.385	0.322



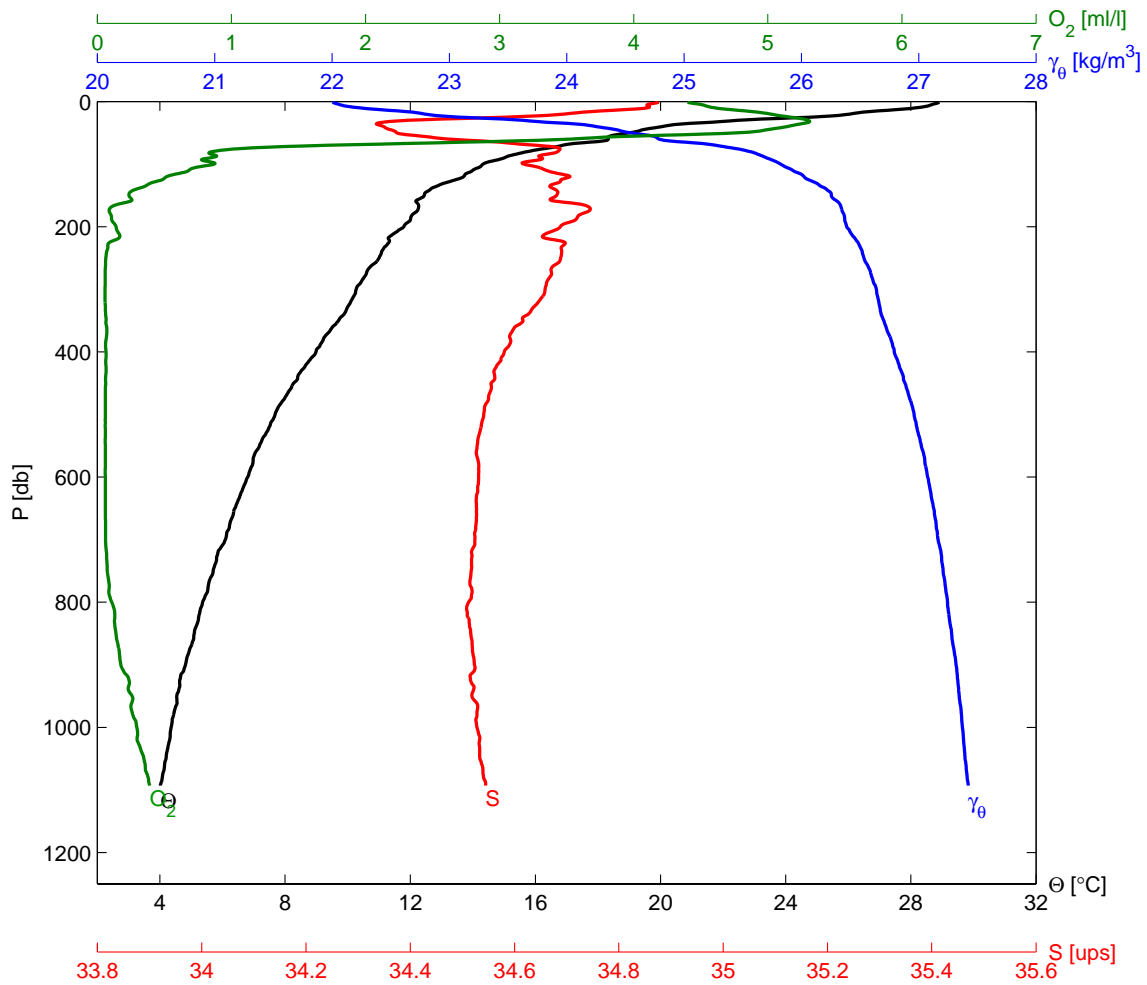
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
Z01	9	22 35.0	109 25.0	7	8	2004	1812		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2868.0	28.8	34.96	75.3	30.3	1.6	277	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	28.734	34.976	22.137	4.413	160.0	12.161	34.702	26.328	0.143
5.0	28.696	34.959	22.137	4.495	180.0	11.924	34.714	26.382	0.116
10.0	28.643	34.952	22.149	4.519	200.0	11.673	34.701	26.420	0.102
20.0	28.379	34.907	22.203	4.599	300.0	10.256	34.634	26.623	0.079
30.0	23.671	34.515	23.372	5.103	400.0	8.963	34.584	26.798	0.059
40.0	20.295	34.575	24.361	4.216	500.0	7.808	34.550	26.949	0.059
50.0	17.740	34.631	25.054	2.141	600.0	6.856	34.522	27.062	0.063
60.0	16.491	34.591	25.321	1.788	700.0	5.919	34.510	27.176	0.081
80.0	15.345	34.675	25.646	0.796	800.0	5.275	34.522	27.264	0.101
100.0	13.996	34.666	25.930	0.450	900.0	4.736	34.527	27.330	0.178
120.0	13.304	34.697	26.097	0.252	1000.0	4.279	34.535	27.387	0.308
140.0	12.670	34.698	26.225	0.246	1020.0	4.250	34.536	27.391	0.318



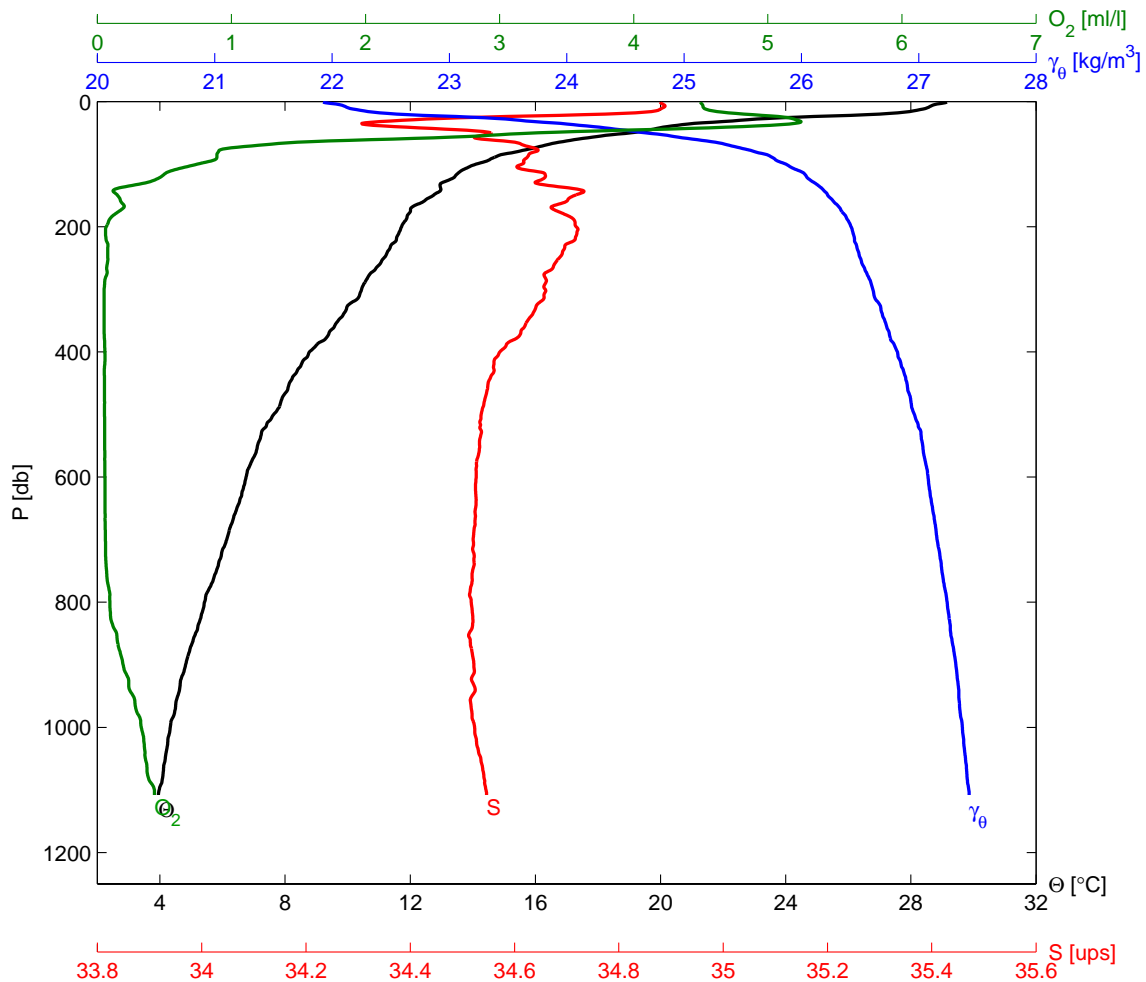
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
Z02	10	22 39.1	109 19.5	7	8	2004	1953		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
3003.0	28.9	34.93	76.1	30.4	1.6	267	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	28.830	34.871	22.026	4.410	160.0	12.224	34.676	26.295	0.244
5.0	28.609	34.860	22.092	4.495	180.0	12.101	34.715	26.349	0.119
10.0	28.495	34.857	22.127	4.525	200.0	11.697	34.695	26.410	0.122
20.0	25.784	34.614	22.811	4.986	300.0	10.295	34.657	26.634	0.058
30.0	21.873	34.300	23.723	5.413	400.0	8.979	34.589	26.800	0.062
40.0	18.871	34.245	24.478	4.994	500.0	7.729	34.544	26.956	0.059
50.0	17.753	34.579	25.011	2.480	600.0	6.752	34.525	27.079	0.060
60.0	17.075	34.620	25.206	1.969	700.0	5.937	34.513	27.176	0.076
80.0	15.203	34.547	25.579	1.495	800.0	5.281	34.516	27.259	0.108
100.0	14.511	34.706	25.852	0.441	900.0	4.807	34.527	27.322	0.168
120.0	13.193	34.692	26.116	0.295	1000.0	4.375	34.533	27.375	0.280
140.0	12.565	34.677	26.230	0.265	1010.0	4.329	34.536	27.382	0.279



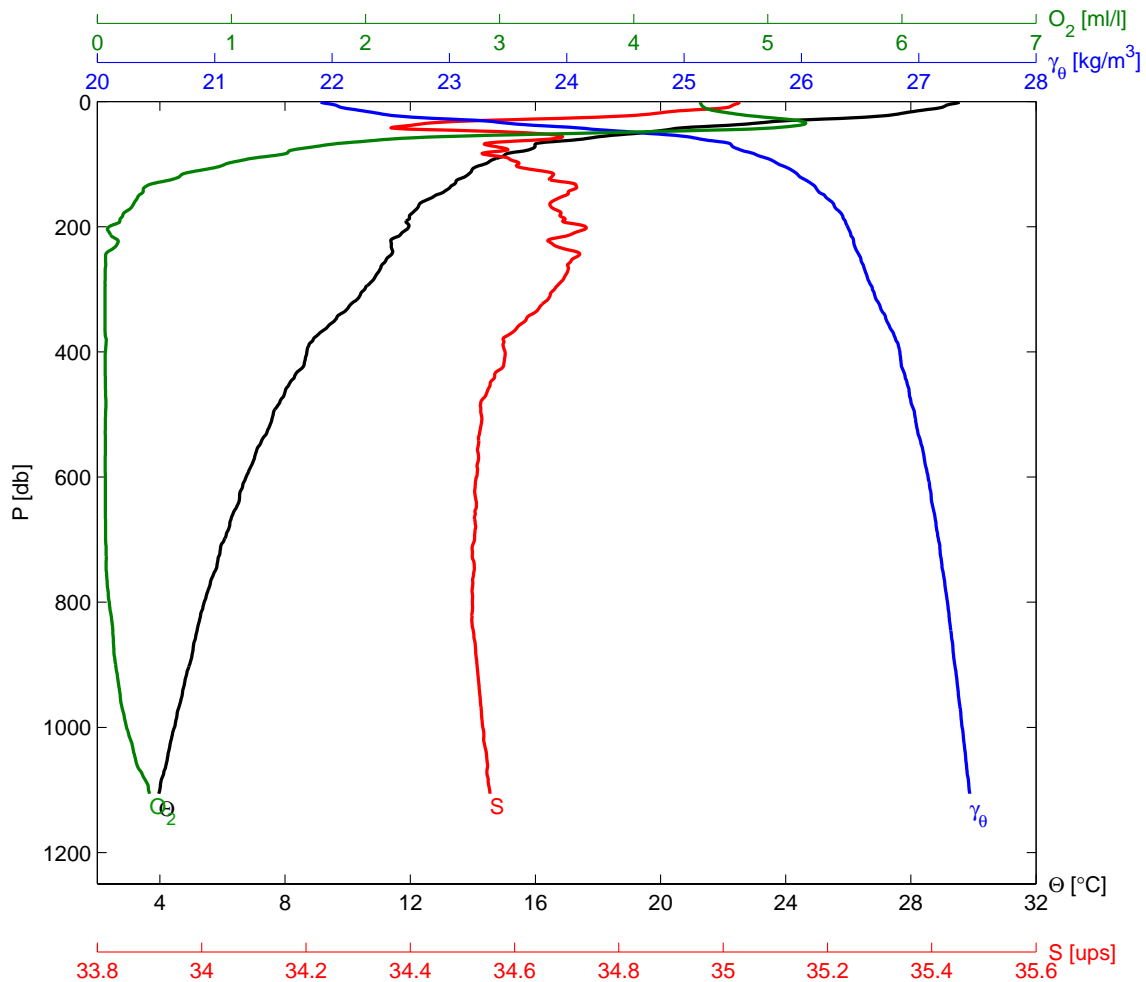
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
Z03	11	22 43.1	109 13.9	7	8	2004	2137		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
3080.0	30.3	34.95	71.6	29.7	1.7	223	9	1010.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	28.879	34.875	22.013	4.415	160.0	12.181	34.684	26.310	0.237
5.0	28.666	34.853	22.067	4.507	180.0	12.083	34.727	26.362	0.100
10.0	28.170	34.857	22.233	4.601	200.0	11.793	34.688	26.386	0.139
20.0	26.047	34.696	22.791	5.021	300.0	10.270	34.659	26.639	0.058
30.0	22.473	34.394	23.626	5.302	400.0	8.986	34.580	26.792	0.065
40.0	20.054	34.349	24.253	5.145	500.0	7.680	34.541	26.961	0.060
50.0	19.003	34.373	24.543	4.775	600.0	6.805	34.531	27.076	0.059
60.0	18.335	34.472	24.786	3.532	700.0	6.091	34.524	27.165	0.061
80.0	15.744	34.683	25.563	0.858	800.0	5.366	34.512	27.245	0.108
100.0	14.324	34.617	25.823	0.871	900.0	4.818	34.523	27.318	0.175
120.0	13.705	34.707	26.023	0.517	1000.0	4.360	34.528	27.373	0.294
140.0	12.652	34.677	26.212	0.290	1093.0	4.018	34.545	27.422	0.391



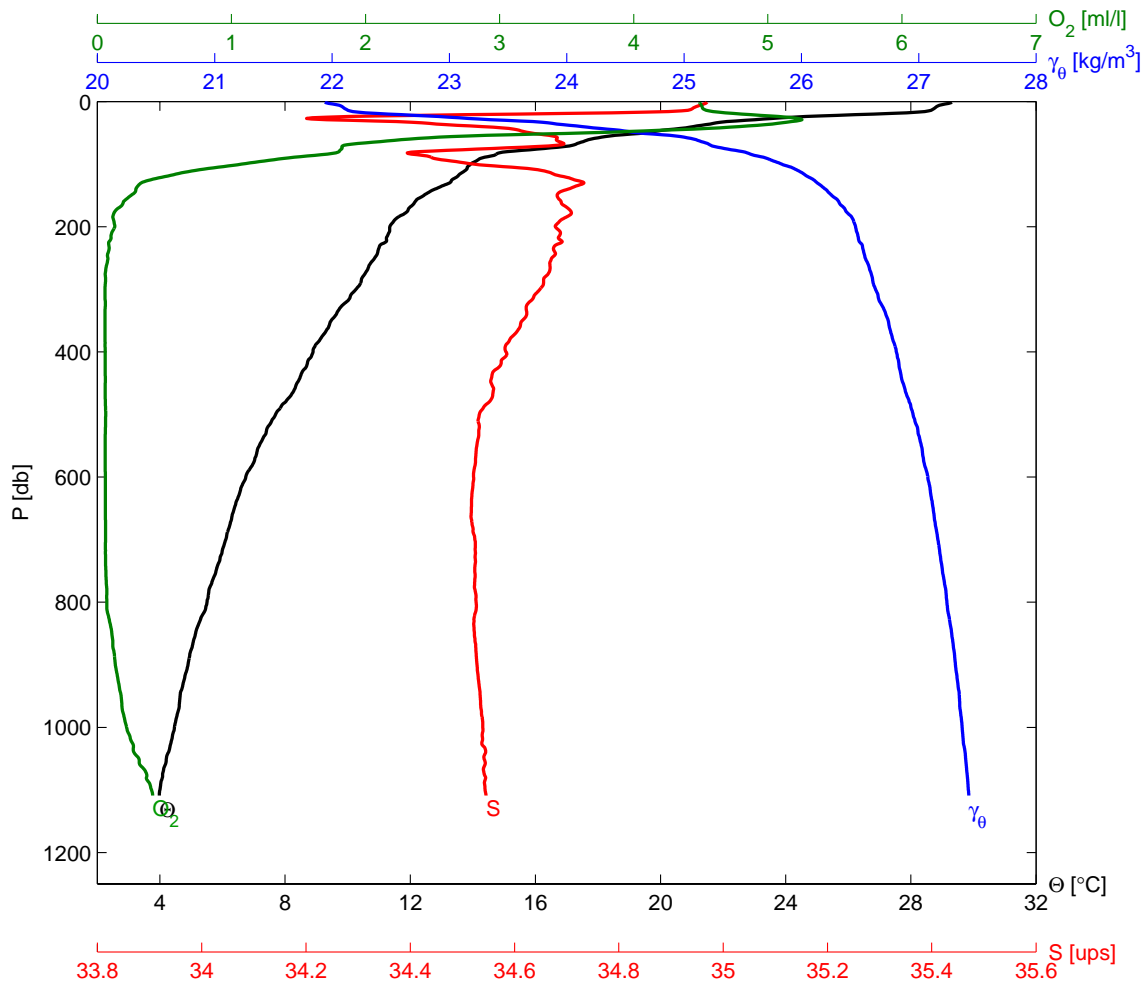
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
Z04	12	22 44.6	109 8.6	7	8	2004	2316		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
3101.0	30.7	34.91	73.7	29.6	1.7	261	9	1009.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.100	34.880	21.943	4.500	160.0	12.421	34.699	26.275	0.176
5.0	28.747	34.886	22.065	4.512	180.0	11.939	34.696	26.365	0.131
10.0	28.525	34.884	22.137	4.521	200.0	11.723	34.718	26.423	0.066
20.0	26.999	34.776	22.551	4.822	300.0	10.447	34.659	26.609	0.051
30.0	22.544	34.385	23.599	5.225	400.0	8.781	34.572	26.818	0.056
40.0	20.213	34.369	24.226	4.811	500.0	7.635	34.536	26.963	0.054
50.0	19.062	34.556	24.667	3.288	600.0	6.755	34.527	27.080	0.057
60.0	17.368	34.535	25.071	2.204	700.0	6.135	34.521	27.157	0.060
80.0	15.434	34.641	25.600	0.904	800.0	5.425	34.517	27.242	0.094
100.0	14.105	34.615	25.868	0.745	900.0	4.822	34.522	27.317	0.192
120.0	13.424	34.659	26.044	0.477	1000.0	4.330	34.523	27.372	0.328
140.0	12.979	34.720	26.181	0.133	1108.0	3.955	34.546	27.430	0.426



ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
Z05	13	22 51.1	109 3.1	8	8	2004	0056		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
3107.0	29.7	35.04	73.8	29.7	1.7	250	9	1009.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.516	35.031	21.917	4.497	160.0	12.404	34.672	26.257	0.280
5.0	29.197	35.021	22.016	4.504	180.0	12.019	34.688	26.344	0.192
10.0	28.928	35.005	22.094	4.529	200.0	11.954	34.737	26.394	0.088
20.0	27.579	34.859	22.428	4.766	300.0	10.546	34.677	26.605	0.058
30.0	24.242	34.548	23.229	5.214	400.0	8.697	34.582	26.839	0.060
40.0	21.374	34.378	23.920	5.153	500.0	7.620	34.536	26.966	0.061
50.0	19.402	34.622	24.631	3.752	600.0	6.753	34.527	27.080	0.060
60.0	17.513	34.669	25.138	2.187	700.0	6.055	34.523	27.169	0.062
80.0	15.484	34.563	25.529	1.424	800.0	5.417	34.519	27.245	0.089
100.0	14.372	34.607	25.806	0.955	900.0	4.947	34.528	27.307	0.137
120.0	13.756	34.672	25.985	0.613	1000.0	4.465	34.539	27.370	0.218
140.0	13.207	34.714	26.131	0.342	1106.0	3.966	34.553	27.434	0.389

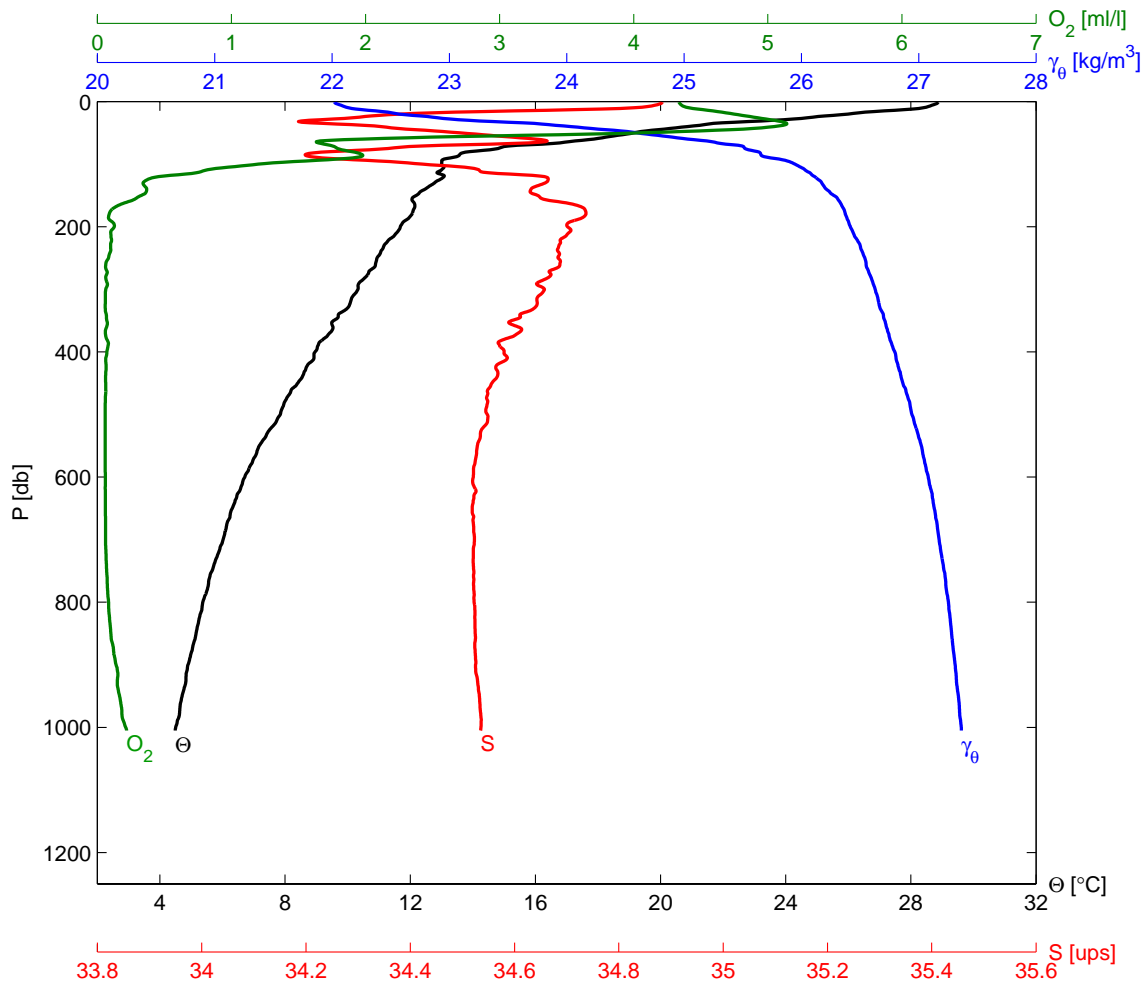


ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
Z06	14	22 55.2	108 57.5	8	8	2004	0242		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
3088.0	29.4	34.97	80.6	28.7	2.3	222	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.281	34.969	21.949	4.492	160.0	12.159	34.689	26.318	0.196
5.0	28.995	34.959	22.038	4.501	180.0	11.787	34.708	26.403	0.121
10.0	28.771	34.943	22.100	4.513	200.0	11.350	34.678	26.461	0.130
20.0	26.809	34.605	22.483	4.806	300.0	10.268	34.649	26.632	0.058
30.0	22.721	34.282	23.471	5.242	400.0	8.893	34.584	26.809	0.058
40.0	21.046	34.538	24.131	4.786	500.0	7.696	34.532	26.952	0.062
50.0	19.522	34.630	24.605	3.666	600.0	6.743	34.522	27.077	0.060
60.0	17.778	34.680	25.083	2.327	700.0	6.104	34.524	27.163	0.061
80.0	15.111	34.417	25.498	1.803	800.0	5.506	34.526	27.240	0.071
100.0	13.929	34.521	25.833	1.076	900.0	4.899	34.528	27.313	0.134
120.0	13.501	34.694	26.055	0.504	1000.0	4.465	34.539	27.370	0.219
140.0	12.792	34.703	26.205	0.287	1109.0	3.980	34.545	27.427	0.413

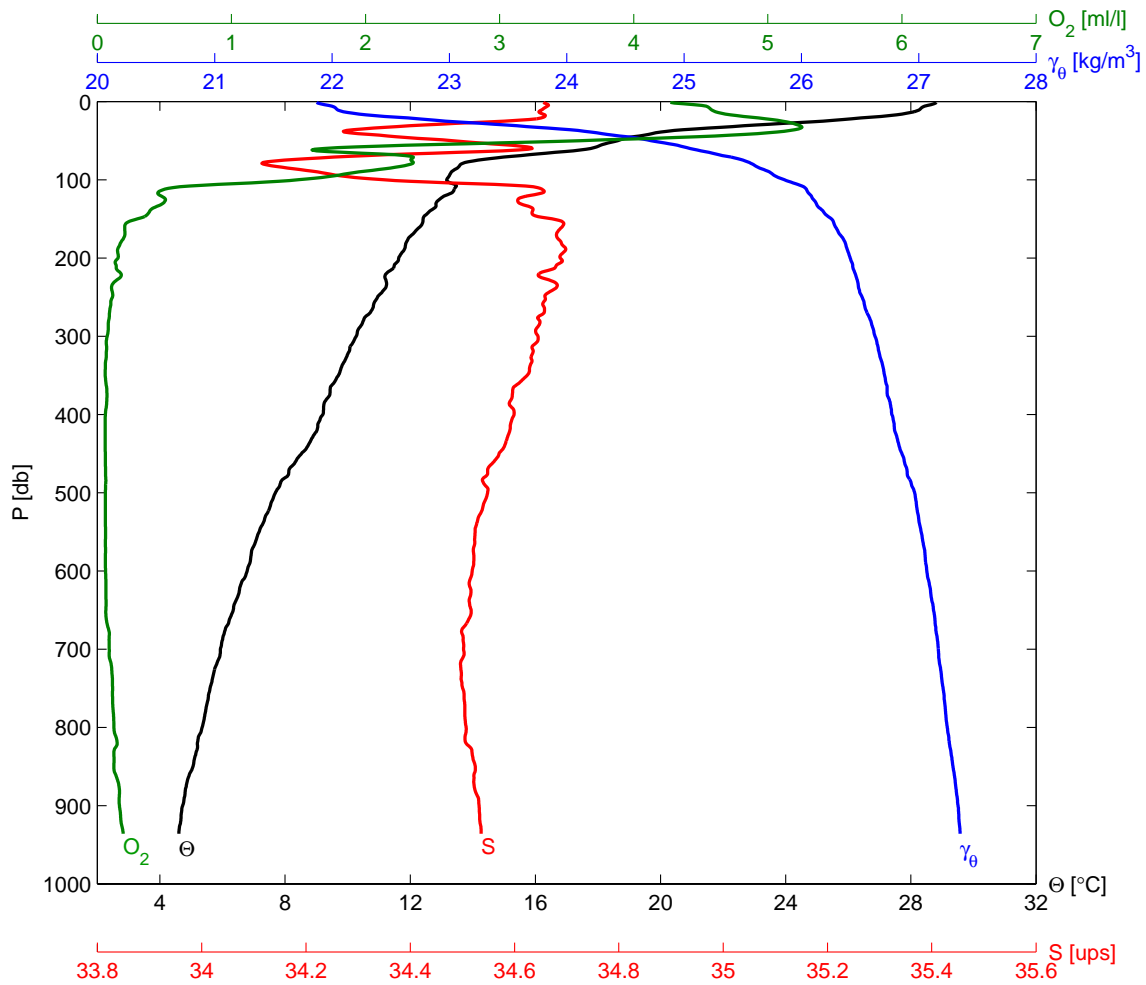




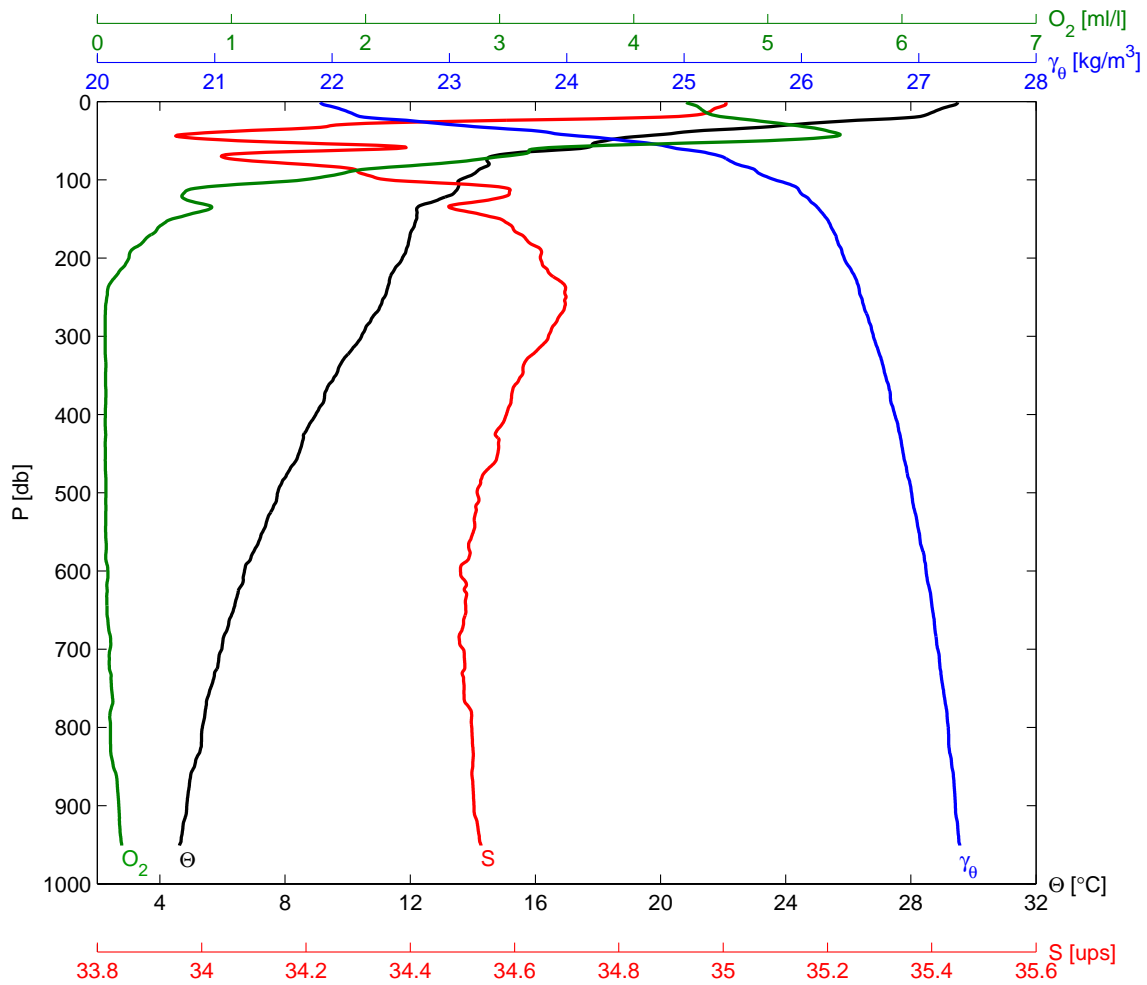
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
Z07	15	22 59.3	108 51.7	8	8	2004	0441		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
3047.0	28.9	34.89	83.2	28.4	2.1	232	9	1012.0	
PR	$\Theta$	SA	$\gamma$	$O_2$	PR	$\Theta$	SA	$\gamma$	$O_2$
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	28.862	34.883	22.025	4.340	160.0	12.093	34.683	26.326	0.232
5.0	28.729	34.874	22.062	4.352	180.0	12.054	34.737	26.375	0.088
10.0	28.389	34.830	22.141	4.412	200.0	11.684	34.701	26.417	0.126
20.0	25.991	34.380	22.570	4.748	300.0	10.329	34.658	26.628	0.063
30.0	23.591	34.204	23.161	5.048	400.0	8.961	34.580	26.796	0.071
40.0	20.857	34.345	24.036	5.046	500.0	7.848	34.548	26.942	0.059
50.0	19.145	34.494	24.598	4.069	600.0	6.711	34.521	27.081	0.060
60.0	17.864	34.641	25.031	1.982	700.0	6.018	34.523	27.174	0.061
80.0	13.908	34.247	25.625	1.896	800.0	5.371	34.522	27.253	0.084
100.0	13.003	34.422	25.945	1.201	900.0	4.898	34.525	27.311	0.140
120.0	13.080	34.658	26.113	0.457	1000.0	4.505	34.536	27.363	0.212
140.0	12.476	34.632	26.212	0.368	1005.0	4.492	34.535	27.364	0.219



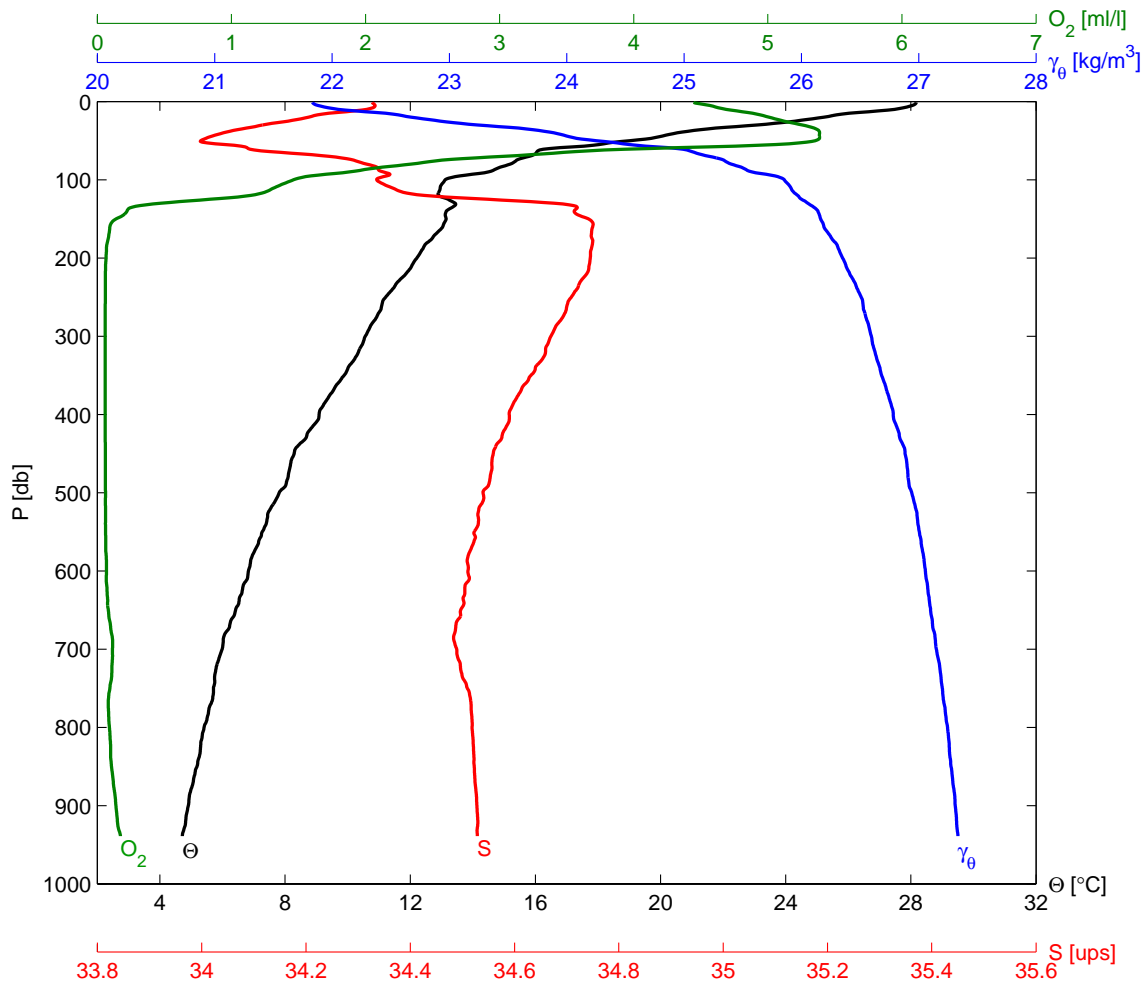
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
Z08	16	23	3.3	108	46.3	8	8	2004	0620
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1848.0	28.8	34.69	85.6	28.2	1.9	207	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	28.790	34.657	21.878	4.302	140.0	12.626	34.635	26.185	0.391
5.0	28.532	34.666	21.971	4.509	160.0	12.313	34.691	26.290	0.205
10.0	28.290	34.654	22.042	4.575	180.0	11.875	34.689	26.372	0.176
20.0	26.726	34.656	22.548	4.875	200.0	11.631	34.687	26.417	0.154
30.0	23.057	34.426	23.483	5.225	300.0	10.275	34.645	26.628	0.073
40.0	19.843	34.281	24.256	5.001	400.0	9.206	34.599	26.771	0.060
50.0	18.628	34.482	24.720	3.597	500.0	7.691	34.548	26.965	0.060
60.0	17.768	34.636	25.051	1.687	600.0	6.789	34.519	27.069	0.061
80.0	13.624	34.117	25.584	2.339	700.0	5.934	34.502	27.168	0.089
100.0	13.168	34.347	25.854	1.503	800.0	5.349	34.507	27.244	0.124
120.0	13.130	34.630	26.081	0.468	900.0	4.728	34.532	27.335	0.165
936.0	4.605	34.536	27.352	0.193					



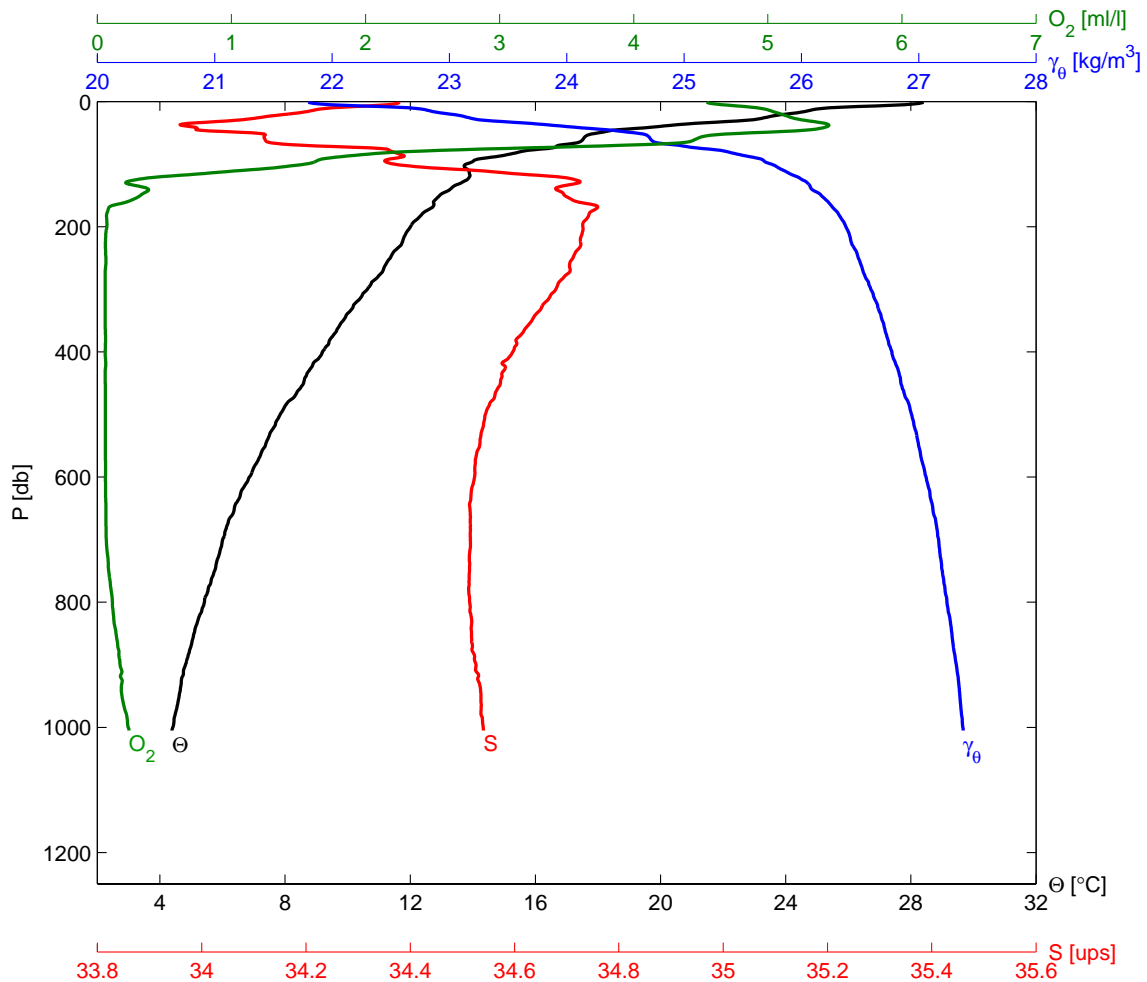
ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
Z09	17		23	7.4	108 40.8		8	8	2004	0754
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
2799.0	29.5	34.82	85.3	28.2	2.6	202	9	1011.0		
PR	$\Theta$	SA	$\gamma$	$O_2$	PR	$\Theta$	SA	$\gamma$	$O_2$	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	29.493	35.005	21.905	4.400	140.0	12.212	34.503	26.163	0.788	
5.0	29.340	35.003	21.955	4.460	160.0	12.122	34.596	26.252	0.461	
10.0	28.919	34.981	22.079	4.504	180.0	11.944	34.627	26.311	0.338	
20.0	28.108	34.883	22.274	4.685	200.0	11.751	34.649	26.364	0.235	
30.0	24.087	34.255	23.053	5.179	300.0	10.445	34.665	26.614	0.059	
40.0	20.538	34.007	23.863	5.505	400.0	8.981	34.584	26.796	0.059	
50.0	18.246	34.068	24.499	4.996	500.0	7.763	34.528	26.939	0.064	
60.0	17.429	34.379	24.936	3.286	600.0	6.704	34.496	27.063	0.078	
80.0	14.526	34.187	25.448	2.493	700.0	5.976	34.502	27.162	0.095	
100.0	13.601	34.353	25.770	1.545	800.0	5.357	34.518	27.251	0.098	
120.0	13.270	34.588	26.020	0.631	900.0	4.860	34.522	27.313	0.160	
951.0	4.625	34.536	27.350	0.182						



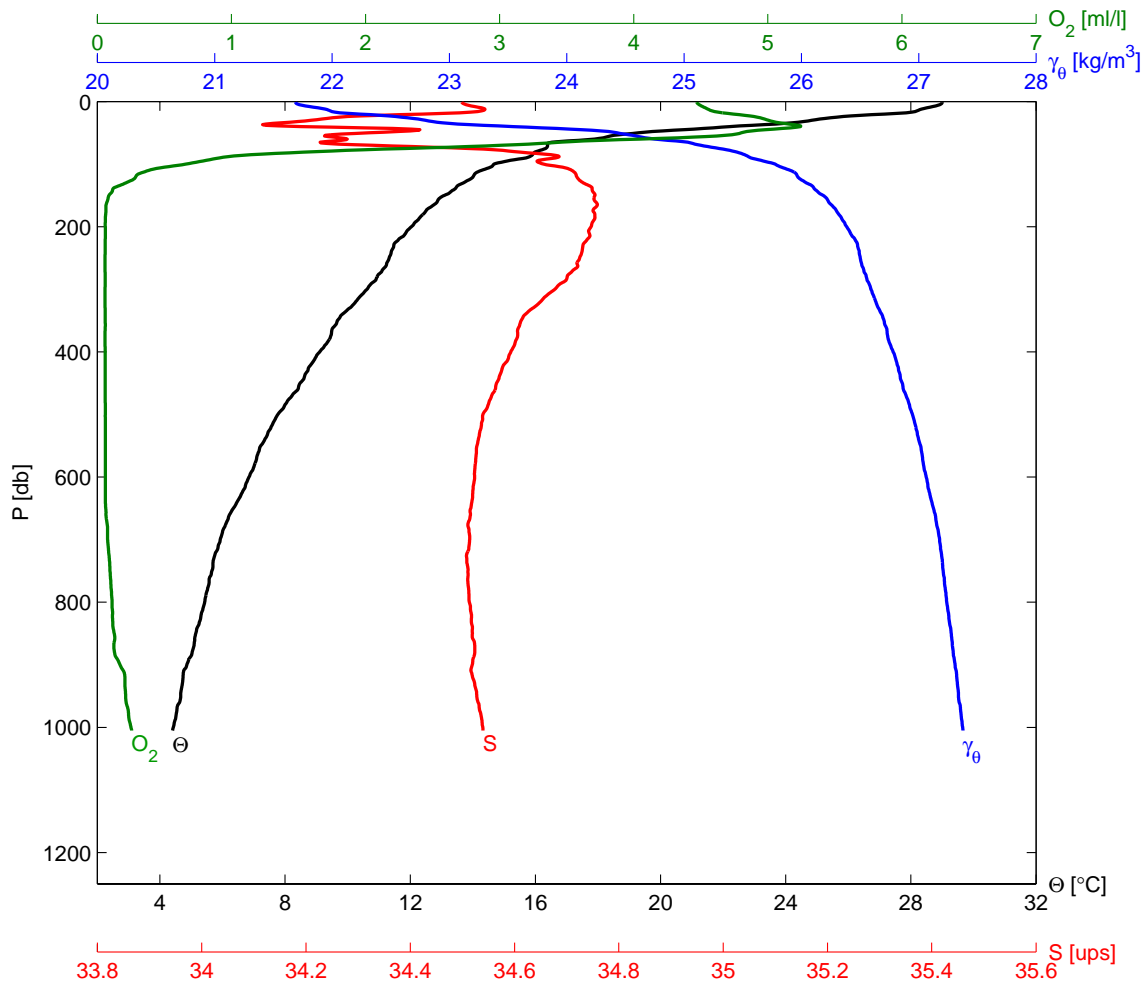
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
Z10	18	23 11.3	108 35.3	8	8	2004	0924		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2589.0	28.2	34.27	86.4	28.1	2.1	228	9	1010.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	28.167	34.328	21.837	4.460	140.0	13.156	34.714	26.140	0.222
5.0	28.050	34.333	21.879	4.566	160.0	13.038	34.750	26.192	0.094
10.0	27.477	34.317	22.053	4.689	180.0	12.558	34.750	26.287	0.074
20.0	25.222	34.205	22.675	5.009	200.0	12.211	34.745	26.351	0.065
30.0	23.090	34.116	23.239	5.257	300.0	10.564	34.670	26.597	0.059
40.0	20.539	34.042	23.890	5.386	400.0	9.088	34.590	26.783	0.059
50.0	19.013	33.998	24.253	5.353	500.0	7.814	34.540	26.940	0.061
60.0	16.467	34.088	24.940	4.119	600.0	6.829	34.511	27.057	0.068
80.0	15.196	34.316	25.403	2.341	700.0	5.990	34.489	27.151	0.113
100.0	13.120	34.335	25.854	1.464	800.0	5.410	34.519	27.245	0.090
120.0	12.900	34.426	25.969	1.143	900.0	4.910	34.528	27.311	0.139
939.0	4.718	34.529	27.334	0.172					



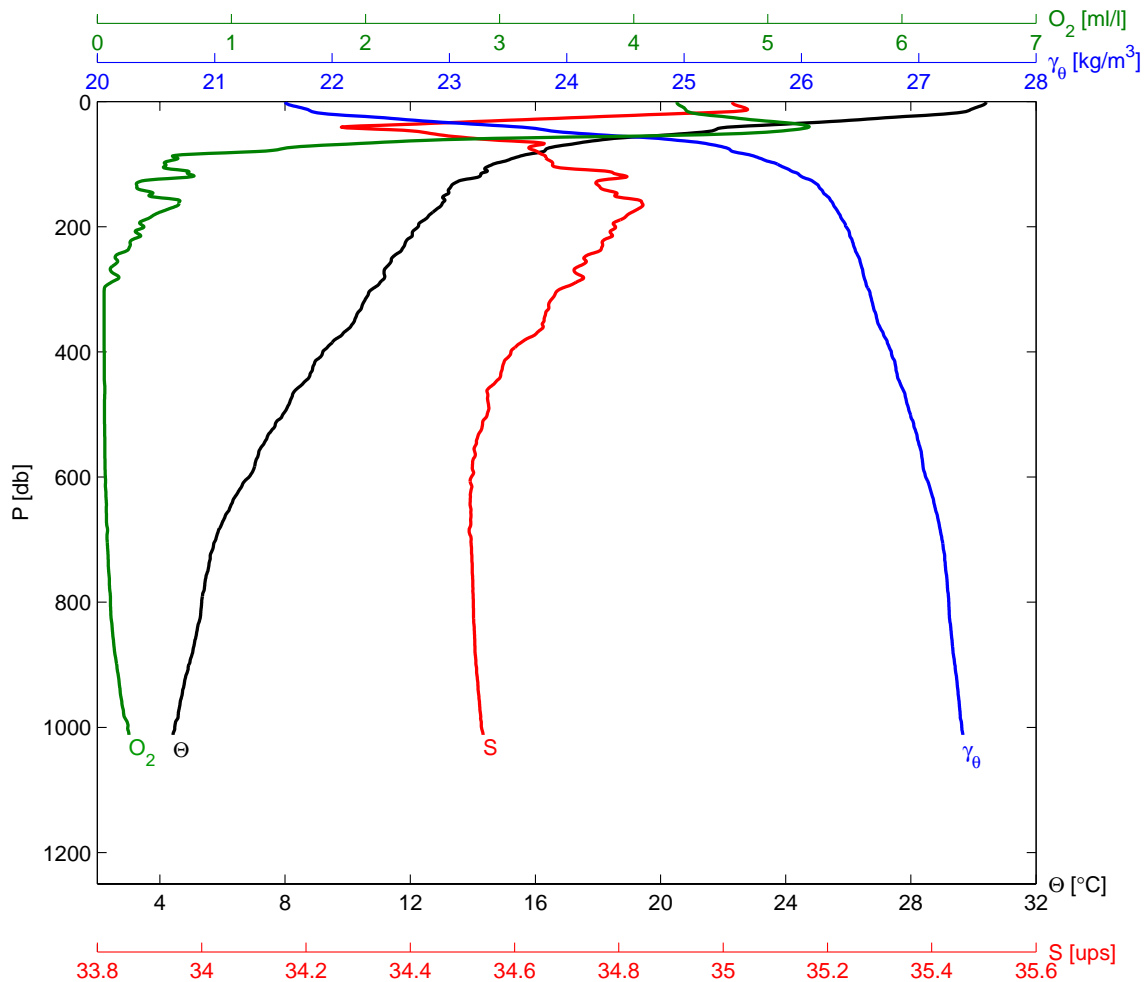
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
Z11	19	23 15.2	108 29.7	8	8	2004	0011		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
0.0	28.5	34.38	85.8	28.1	0.9	208	9	1010.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	28.365	34.379	21.810	4.552	160.0	12.745	34.719	26.226	0.226
5.0	27.812	34.359	21.976	4.655	180.0	12.376	34.743	26.318	0.070
10.0	25.392	34.249	22.656	4.920	200.0	12.009	34.731	26.379	0.071
20.0	24.024	34.166	23.005	5.100	300.0	10.629	34.679	26.592	0.059
30.0	22.747	34.066	23.299	5.276	400.0	9.194	34.597	26.771	0.058
40.0	19.927	33.978	24.003	5.443	500.0	7.844	34.544	26.939	0.060
50.0	18.027	34.098	24.576	4.878	600.0	6.860	34.523	27.063	0.061
60.0	17.529	34.121	24.715	4.464	700.0	6.005	34.515	27.169	0.067
80.0	15.538	34.366	25.365	2.314	800.0	5.420	34.514	27.241	0.113
100.0	13.785	34.369	25.745	1.550	900.0	4.815	34.526	27.321	0.170
120.0	13.899	34.680	25.962	0.481	1000.0	4.413	34.540	27.376	0.231
140.0	13.283	34.678	26.087	0.381	1005.0	4.389	34.540	27.379	0.236



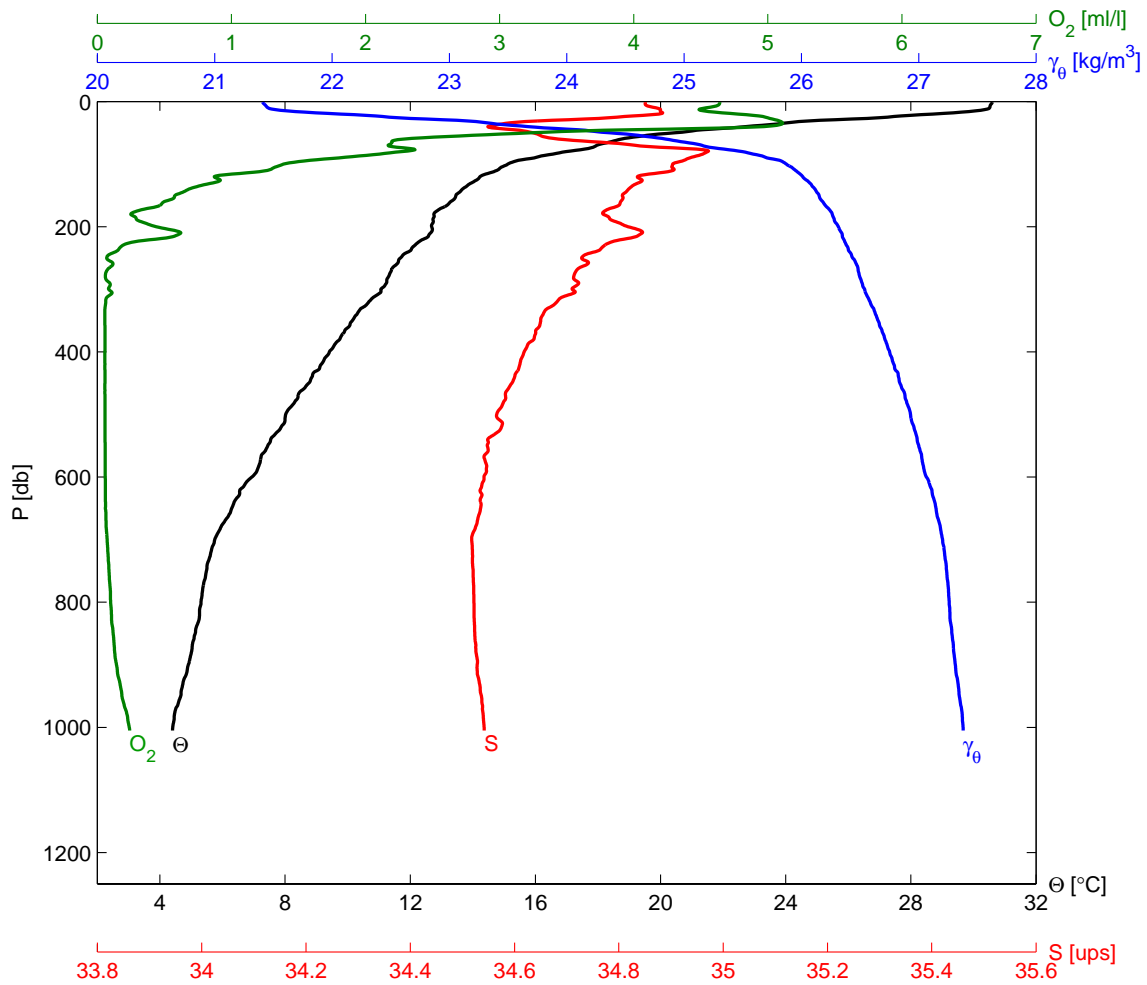
ESTACION Z12	LANCE 20	LATITUD 23 19.1	LONGITUD 108 24.3	DD MM 8 8	AA 2004	H[UT] 1231			
PROFTOT [m] 2475.0	TEMSUP [°C] 29.0	SALSUP [ups] 34.50	TEBUHU [°C] 87.7	TEBUSE [°C] 28.3	V-MAG [m/s] 0.5	DIR [AZM] 57	NUBES [1/8] 9	BAROM [bar] 1011.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	28.999	34.499	21.690	4.472	160.0	12.864	34.755	26.231	0.073
5.0	28.923	34.507	21.722	4.488	180.0	12.417	34.754	26.318	0.062
10.0	28.511	34.537	21.881	4.533	200.0	12.035	34.747	26.386	0.059
20.0	27.154	34.424	22.237	4.744	300.0	10.620	34.677	26.593	0.058
30.0	24.835	34.210	22.796	5.005	400.0	9.110	34.593	26.782	0.058
40.0	22.218	34.187	23.540	5.243	500.0	7.768	34.539	26.947	0.060
50.0	19.298	34.321	24.428	4.802	600.0	6.848	34.524	27.065	0.060
60.0	17.886	34.281	24.751	4.047	700.0	5.928	34.514	27.178	0.077
80.0	16.024	34.599	25.434	1.641	800.0	5.430	34.513	27.239	0.110
100.0	14.675	34.655	25.778	0.659	900.0	4.862	34.519	27.310	0.169
120.0	14.013	34.719	25.968	0.287	1000.0	4.426	34.539	27.374	0.251
140.0	13.420	34.749	26.114	0.115	1005.0	4.406	34.539	27.377	0.256



ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
Z13	21		23	23.2	108 18.9		8	8	2004	1410
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
2623.0	30.3	35.02	75.4	29.7	1.7	47	9	1012.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.402	35.018	21.604	4.323	160.0	13.071	34.844	26.258	0.613	
5.0	30.330	35.022	21.632	4.333	180.0	12.638	34.818	26.325	0.433	
10.0	30.057	35.042	21.741	4.375	200.0	12.252	34.794	26.381	0.348	
20.0	29.041	34.890	21.970	4.486	300.0	10.775	34.687	26.572	0.052	
30.0	26.061	34.586	22.704	4.926	400.0	9.205	34.593	26.767	0.051	
40.0	22.439	34.273	23.544	5.309	500.0	7.929	34.548	26.929	0.054	
50.0	21.092	34.432	24.037	4.908	600.0	6.846	34.517	27.060	0.060	
60.0	18.314	34.536	24.840	2.747	700.0	5.783	34.517	27.198	0.073	
80.0	16.249	34.644	25.417	1.178	800.0	5.336	34.521	27.256	0.098	
100.0	14.648	34.673	25.797	0.508	900.0	4.927	34.526	27.308	0.145	
120.0	14.207	34.817	26.003	0.708	1000.0	4.475	34.537	27.367	0.227	
140.0	13.236	34.768	26.166	0.306	1012.0	4.419	34.540	27.376	0.236	

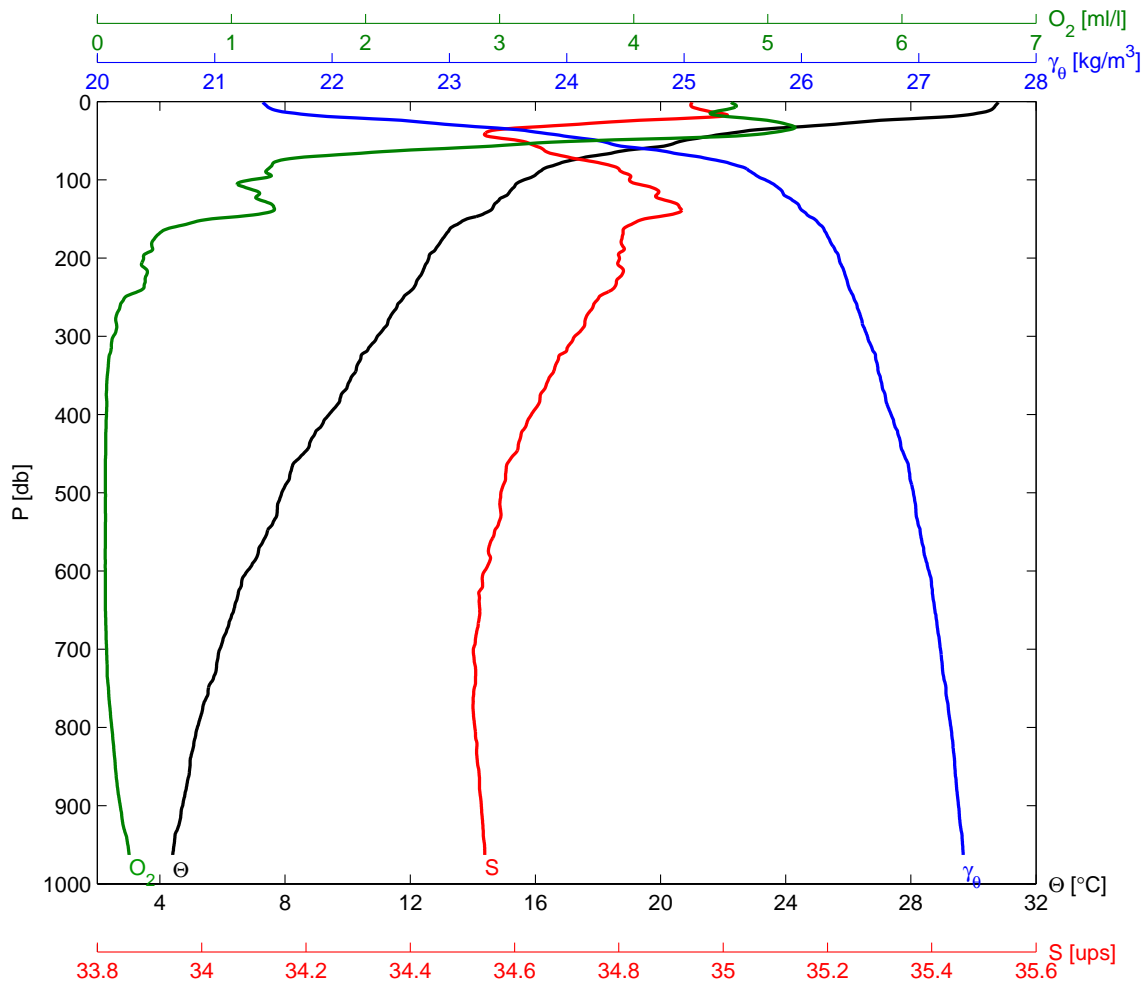


ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
Z14	22	23	27.1	108	13.5	8	8	2004	0016
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
8.0	30.6	34.86	70.2	30.2	1.8	72	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.599	34.851	21.411	4.642	160.0	13.295	34.804	26.182	0.500
5.0	30.549	34.851	21.428	4.635	180.0	12.755	34.770	26.264	0.249
10.0	30.518	34.871	21.454	4.540	200.0	12.683	34.818	26.315	0.439
20.0	28.695	34.878	22.077	4.779	300.0	11.062	34.710	26.539	0.084
30.0	25.098	34.671	23.065	5.072	400.0	9.418	34.618	26.752	0.057
40.0	22.729	34.548	23.670	4.971	500.0	8.018	34.566	26.930	0.057
50.0	20.456	34.636	24.364	3.236	600.0	6.937	34.541	27.066	0.059
60.0	18.746	34.684	24.845	2.284	700.0	5.751	34.518	27.203	0.073
80.0	16.983	34.971	25.497	2.269	800.0	5.315	34.522	27.260	0.099
100.0	15.115	34.903	25.872	1.388	900.0	4.908	34.528	27.312	0.143
120.0	14.233	34.835	26.011	0.872	1000.0	4.410	34.542	27.378	0.239
140.0	13.670	34.819	26.116	0.683	1005.0	4.405	34.542	27.379	0.242

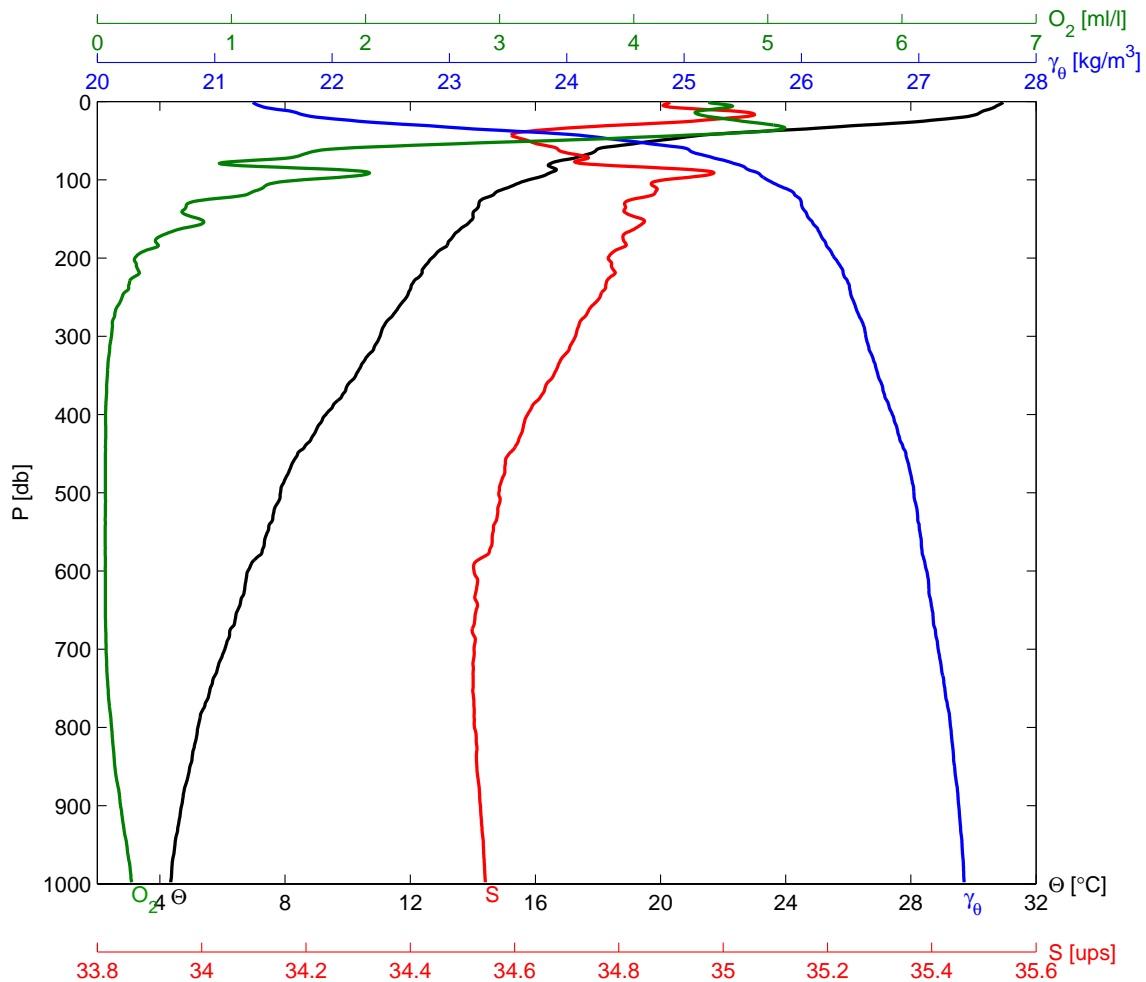




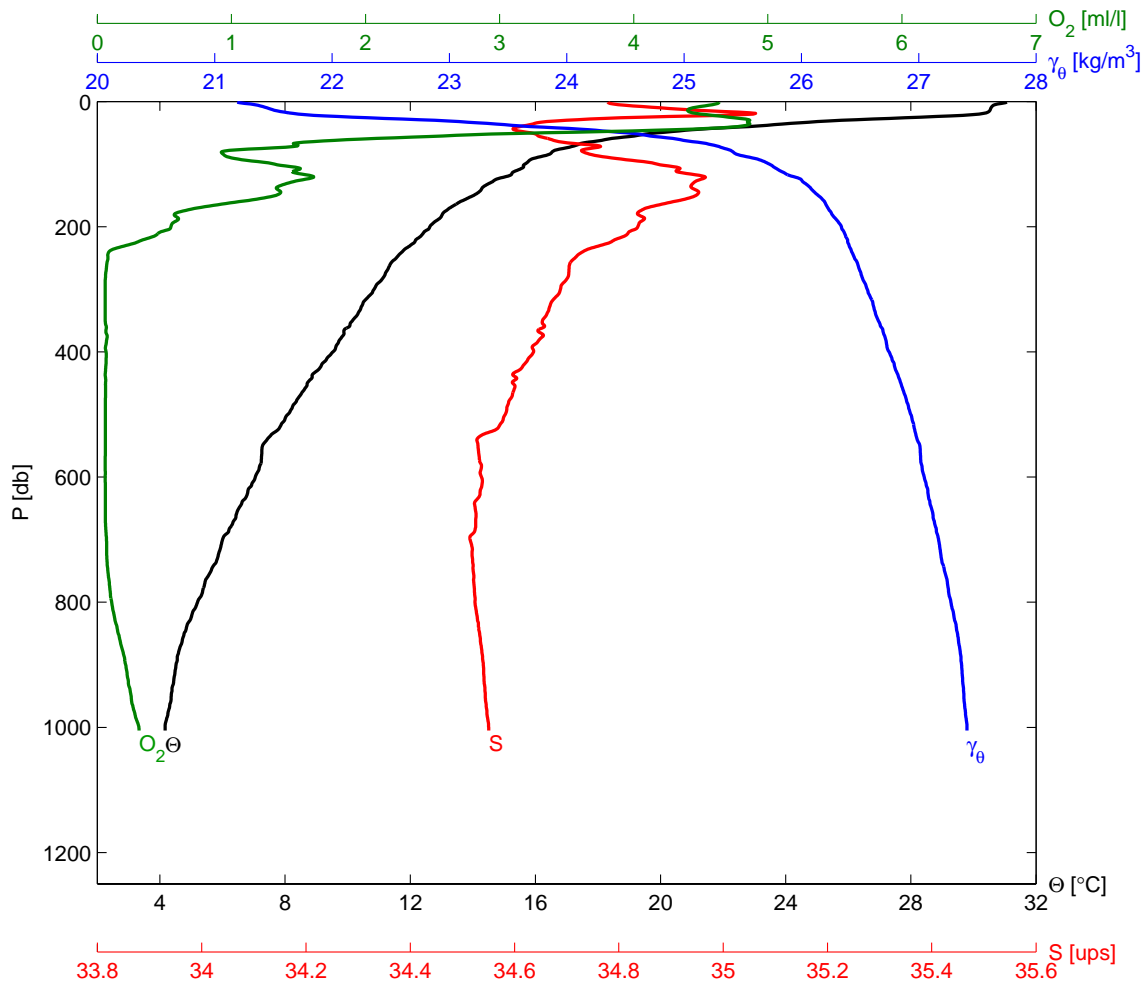
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
Z15	23	23 31.2	108 8.1	8	8	2004	1841		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2403.0	30.9	35.14	68.1	32.0	1.1	112	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.776	34.940	21.416	4.732	140.0	14.530	34.920	26.013	1.309
5.0	30.707	34.938	21.439	4.765	160.0	13.349	34.814	26.179	0.583
10.0	30.589	34.956	21.493	4.696	180.0	12.961	34.804	26.250	0.407
20.0	28.931	34.975	22.071	4.751	200.0	12.593	34.801	26.320	0.345
30.0	25.255	34.700	23.039	5.162	300.0	10.952	34.715	26.563	0.120
40.0	22.329	34.545	23.781	5.021	400.0	9.406	34.632	26.765	0.068
50.0	20.720	34.610	24.274	3.669	500.0	7.897	34.574	26.955	0.061
60.0	19.434	34.653	24.646	2.590	600.0	6.797	34.543	27.087	0.060
80.0	16.710	34.773	25.410	1.306	700.0	5.914	34.521	27.185	0.069
100.0	15.647	34.820	25.690	1.151	800.0	5.197	34.524	27.275	0.108
120.0	15.080	34.871	25.856	1.198	900.0	4.727	34.536	27.339	0.171
963.0	4.410	34.543	27.379	0.237					



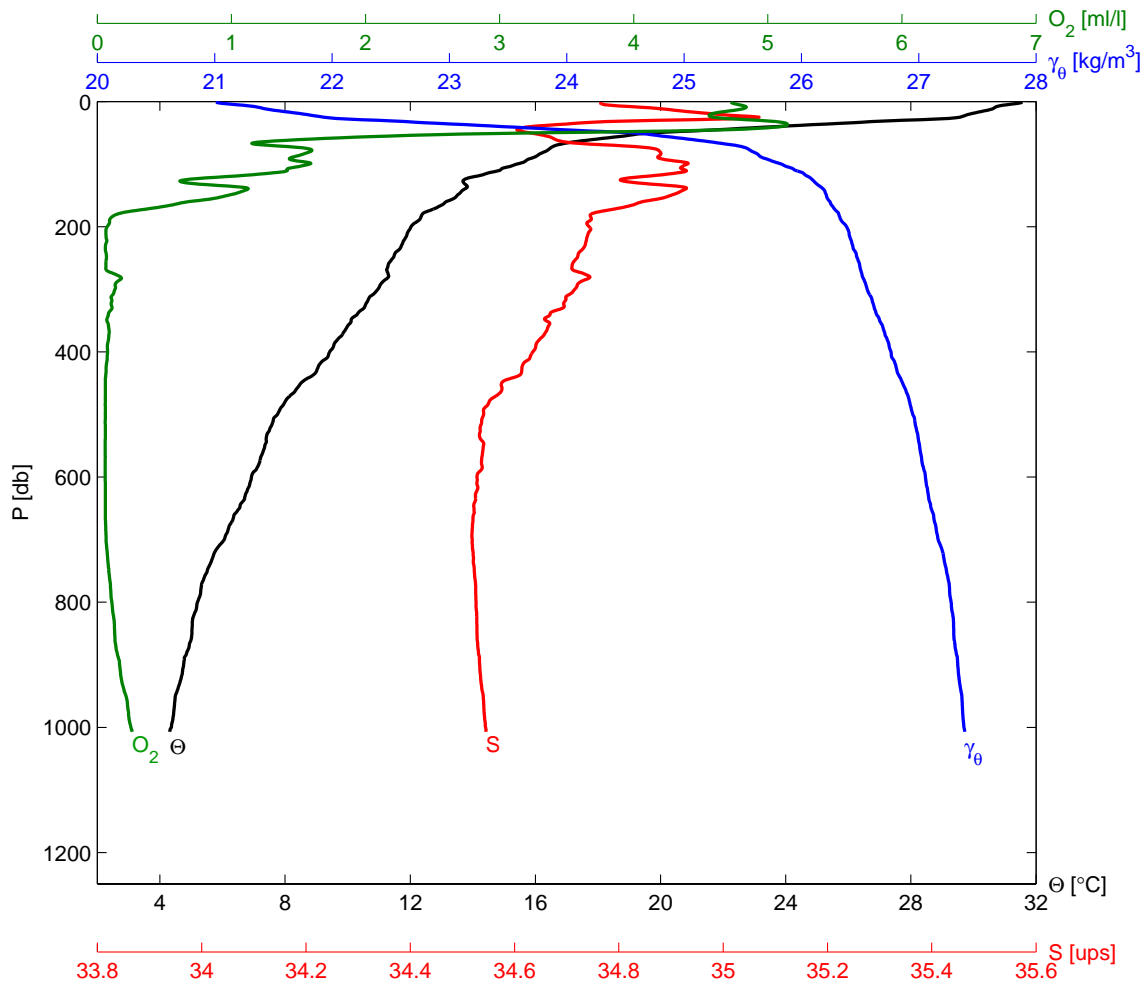
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
Z16	24	23 35.3	108 2.6	8	8	2004	2025		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1488.0	31.0	34.79	70.6	34.1	0.6	113	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.923	34.897	21.333	4.579	140.0	14.047	34.809	26.031	0.632
5.0	30.772	34.883	21.376	4.726	160.0	13.701	34.837	26.124	0.699
10.0	30.493	34.962	21.531	4.582	180.0	13.214	34.812	26.204	0.437
20.0	29.652	35.032	21.871	4.592	200.0	12.693	34.780	26.284	0.281
30.0	26.540	34.805	22.719	5.041	300.0	11.035	34.717	26.549	0.106
40.0	22.360	34.604	23.817	4.790	400.0	9.307	34.625	26.775	0.061
50.0	19.880	34.626	24.509	3.364	500.0	7.852	34.570	26.958	0.061
60.0	18.033	34.682	25.021	1.813	600.0	6.814	34.522	27.068	0.059
80.0	16.446	34.739	25.445	0.923	700.0	6.074	34.523	27.166	0.065
100.0	15.798	34.888	25.708	1.540	800.0	5.215	34.523	27.272	0.106
120.0	14.627	34.863	25.948	1.088	900.0	4.695	34.535	27.341	0.173
998.0	4.347	34.544	27.387	0.255					



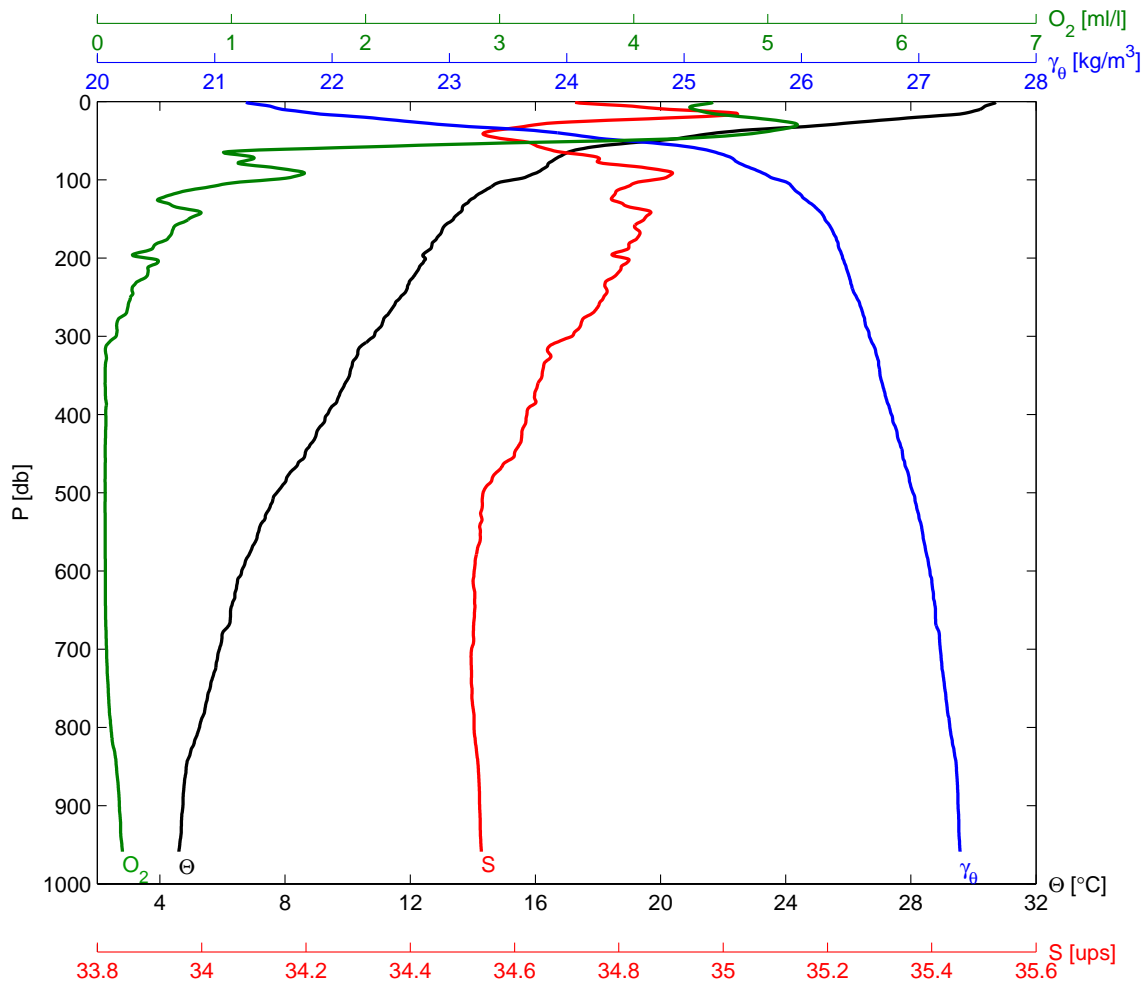
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
Z17	25	23 39.1	107 57.1	8	8	2004	2215		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1424.0	31.9	34.82	66.2	31.6	1.2	197	9	1010.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	31.018	34.779	21.212	4.634	160.0	13.599	34.905	26.198	1.058
5.0	30.683	34.798	21.342	4.588	180.0	13.030	34.836	26.260	0.574
10.0	30.561	34.880	21.446	4.440	200.0	12.626	34.836	26.341	0.549
20.0	30.178	35.062	21.714	4.500	300.0	10.844	34.688	26.561	0.059
30.0	25.778	34.698	22.877	4.866	400.0	9.532	34.637	26.747	0.065
40.0	22.817	34.610	23.692	4.776	500.0	8.085	34.582	26.933	0.060
50.0	19.900	34.631	24.508	3.331	600.0	7.052	34.537	27.047	0.059
60.0	18.318	34.668	24.940	1.964	700.0	6.000	34.515	27.170	0.068
80.0	16.548	34.730	25.414	0.930	800.0	5.203	34.524	27.274	0.107
100.0	15.659	34.873	25.728	1.322	900.0	4.515	34.540	27.366	0.211
120.0	15.061	34.965	25.933	1.614	1000.0	4.167	34.550	27.411	0.310
140.0	14.279	34.944	26.086	1.340	1005.0	4.165	34.550	27.411	0.312



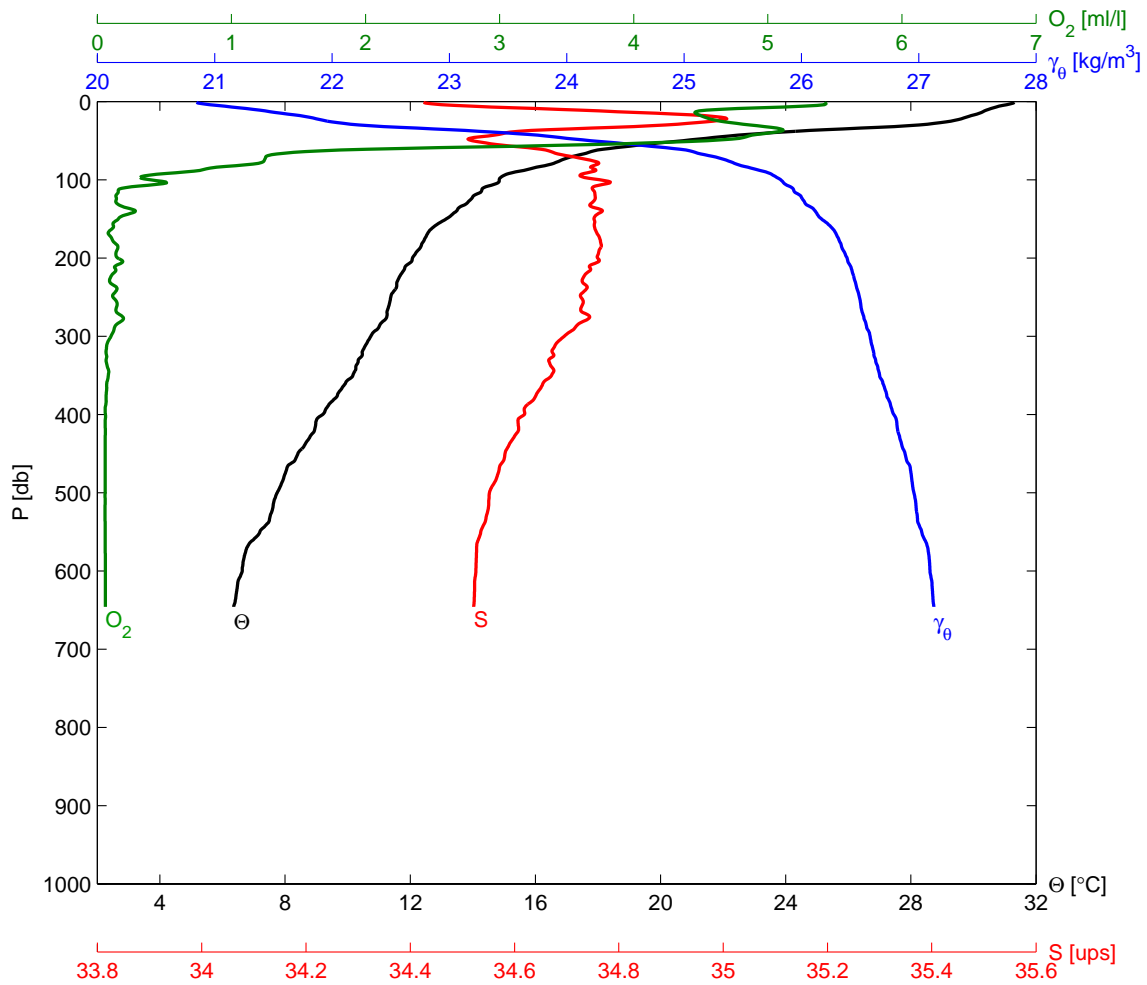
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
Z18	26	23 43.6	107 51.4	9	8	2004	0120		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1118.0	31.7	34.77	66.4	31.0	1.2	256	9	1010.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	31.521	34.765	21.026	4.730	160.0	13.150	34.845	26.244	0.683
5.0	31.081	34.771	21.184	4.783	180.0	12.384	34.746	26.319	0.147
10.0	30.668	34.861	21.395	4.835	200.0	12.028	34.743	26.385	0.073
20.0	29.877	34.984	21.759	4.575	300.0	10.965	34.715	26.561	0.132
30.0	27.729	34.873	22.390	4.926	400.0	9.425	34.635	26.764	0.076
40.0	23.710	34.630	23.448	5.100	500.0	7.758	34.541	26.949	0.059
50.0	19.741	34.629	24.548	3.310	600.0	6.925	34.528	27.058	0.059
60.0	17.964	34.677	25.034	1.594	700.0	6.054	34.519	27.166	0.065
80.0	16.310	34.879	25.584	1.588	800.0	5.202	34.526	27.276	0.109
100.0	15.399	34.931	25.832	1.582	900.0	4.757	34.533	27.333	0.166
120.0	14.044	34.845	26.059	0.960	1000.0	4.361	34.544	27.386	0.251
140.0	13.734	34.928	26.188	1.124	1007.0	4.320	34.545	27.391	0.259



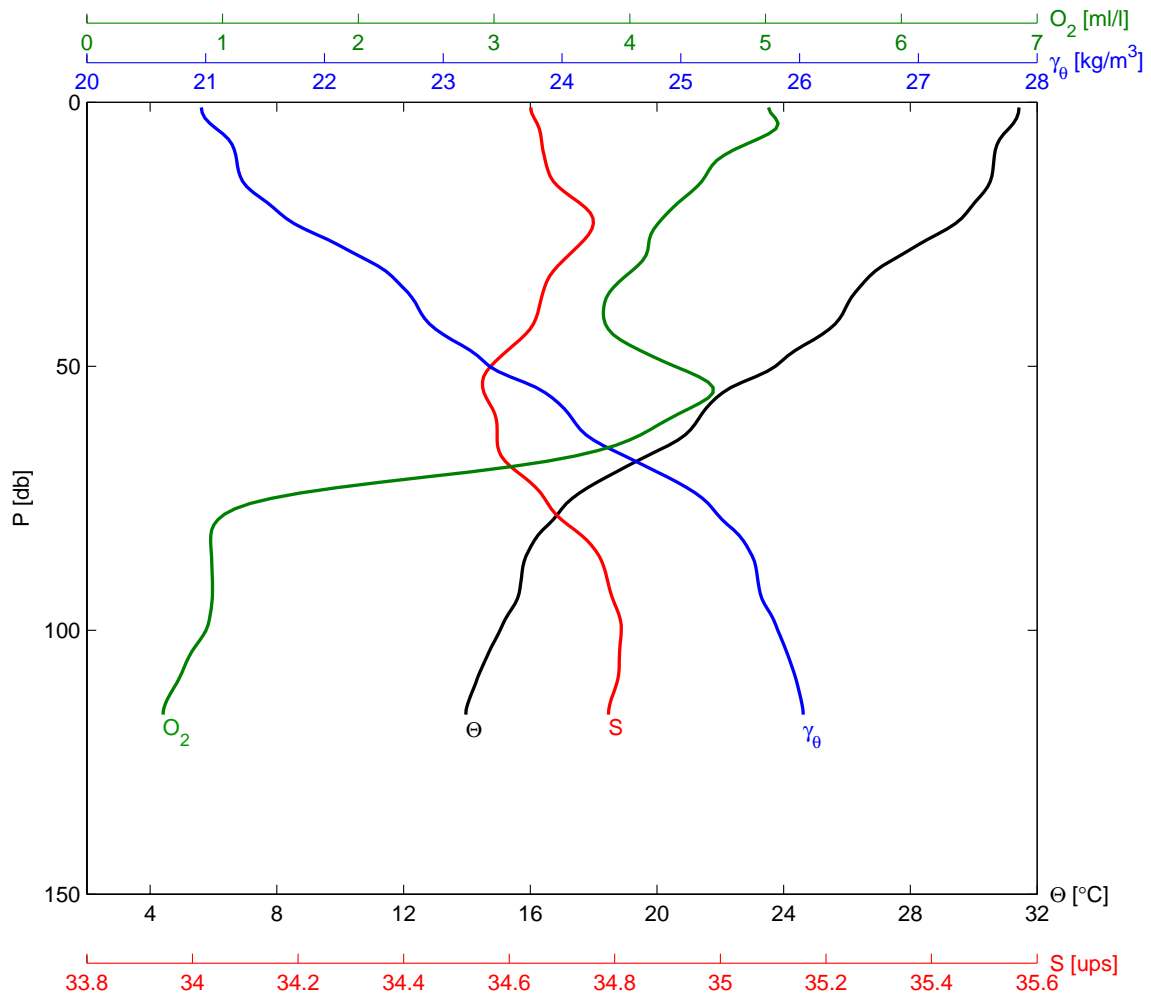
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
Z19	27	23 47.4	107 45.8	9	8	2004	0003		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
0.0	30.7	34.73	69.9	30.6	2.0	198	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.684	34.721	21.284	4.578	140.0	13.643	34.860	26.154	0.750
5.0	30.426	34.805	21.437	4.457	160.0	13.074	34.830	26.247	0.573
10.0	30.214	34.895	21.577	4.448	180.0	12.723	34.822	26.311	0.467
20.0	28.218	34.932	22.274	4.844	200.0	12.479	34.812	26.351	0.370
30.0	25.288	34.637	22.981	5.221	300.0	10.841	34.711	26.579	0.140
40.0	21.820	34.541	23.921	4.929	400.0	9.347	34.624	26.768	0.063
50.0	19.860	34.606	24.500	3.829	500.0	7.737	34.540	26.952	0.059
60.0	17.539	34.659	25.124	1.601	600.0	6.616	34.523	27.095	0.060
80.0	16.401	34.782	25.488	1.074	700.0	5.901	34.518	27.184	0.069
100.0	15.307	34.869	25.804	1.291	800.0	5.265	34.522	27.266	0.101
120.0	14.122	34.790	26.000	0.532	900.0	4.737	34.533	27.335	0.164
959.0	4.609	34.536	27.352	0.187					



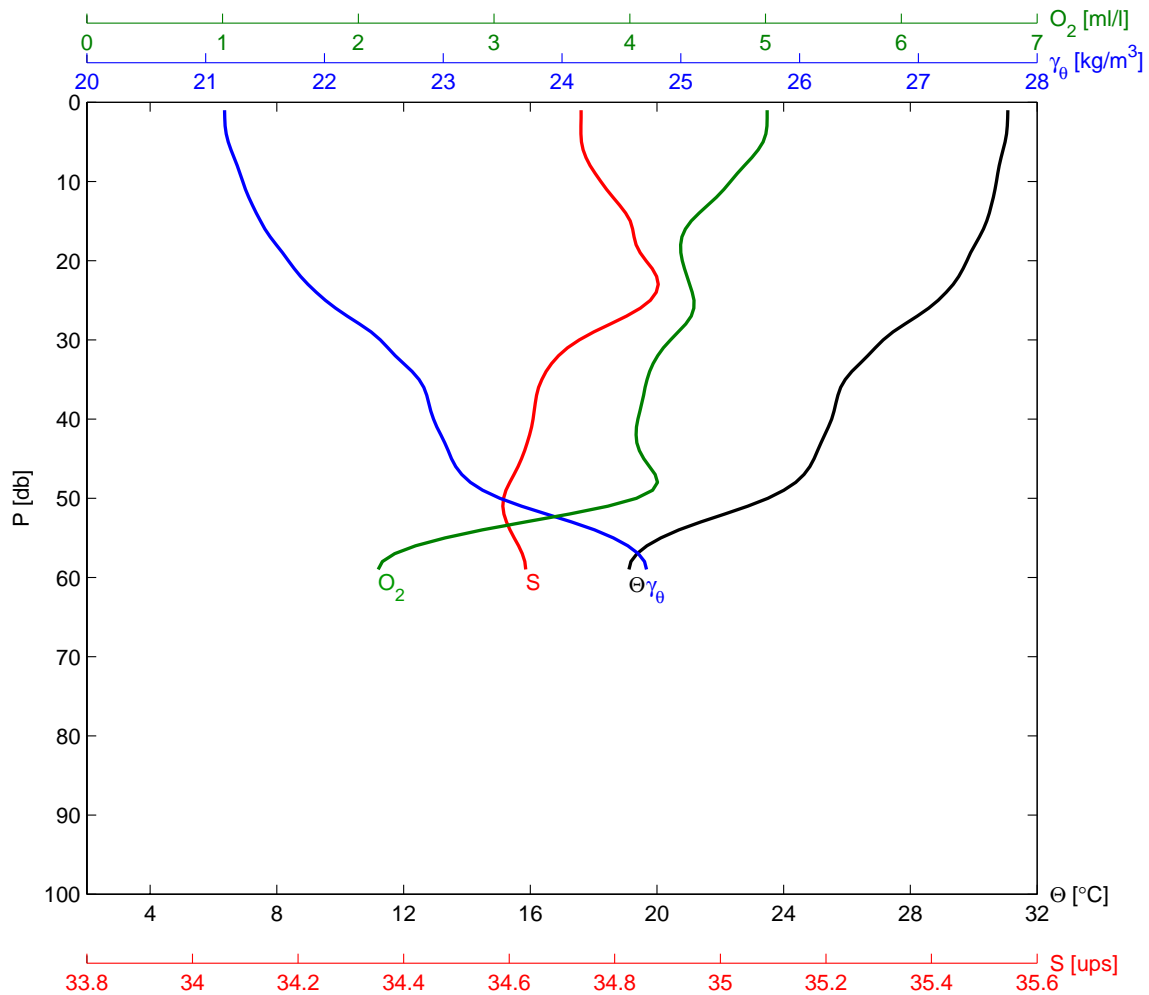
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
Z20	28	23 51.4	107 40.4	9	8	2004	0453		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
671.0	31.4	34.44	74.0	30.9	0.8	150	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	31.275	34.427	20.859	5.429	120.0	14.038	34.754	25.990	0.139
5.0	30.932	34.484	21.021	5.369	140.0	13.480	34.769	26.117	0.285
10.0	30.481	34.687	21.329	4.638	160.0	12.757	34.753	26.251	0.121
20.0	29.769	34.997	21.805	4.530	180.0	12.402	34.765	26.330	0.125
30.0	28.257	34.890	22.230	4.867	200.0	12.071	34.759	26.389	0.152
40.0	23.512	34.582	23.470	5.020	300.0	10.739	34.695	26.585	0.102
50.0	20.717	34.518	24.205	4.548	400.0	9.201	34.619	26.788	0.061
60.0	18.365	34.640	24.907	2.260	500.0	7.747	34.552	26.960	0.058
80.0	16.511	34.760	25.446	1.160	600.0	6.631	34.526	27.096	0.060
100.0	14.845	34.762	25.823	0.389	646.0	6.360	34.522	27.128	0.060



ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
Z21	29	23 55.2	107 34.9	9	8	2004	0624		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
124.0	31.4	34.66	87.3	30.5	2.3	20	9	1013.0	
PR	$\Theta$	SA	$\gamma$	$O_2$	PR	$\Theta$	SA	$\gamma$	$O_2$
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	31.412	34.642	20.971	5.037	40.0	25.868	34.654	22.815	3.805
5.0	31.106	34.658	21.090	5.076	50.0	23.741	34.565	23.390	4.331
10.0	30.655	34.666	21.253	4.695	60.0	21.306	34.576	24.089	4.286
20.0	29.895	34.746	21.574	4.315	80.0	16.568	34.711	25.395	0.936
30.0	27.394	34.702	22.369	4.094	100.0	15.049	34.813	25.818	0.878
116.0	13.963	34.788	26.031	0.561					

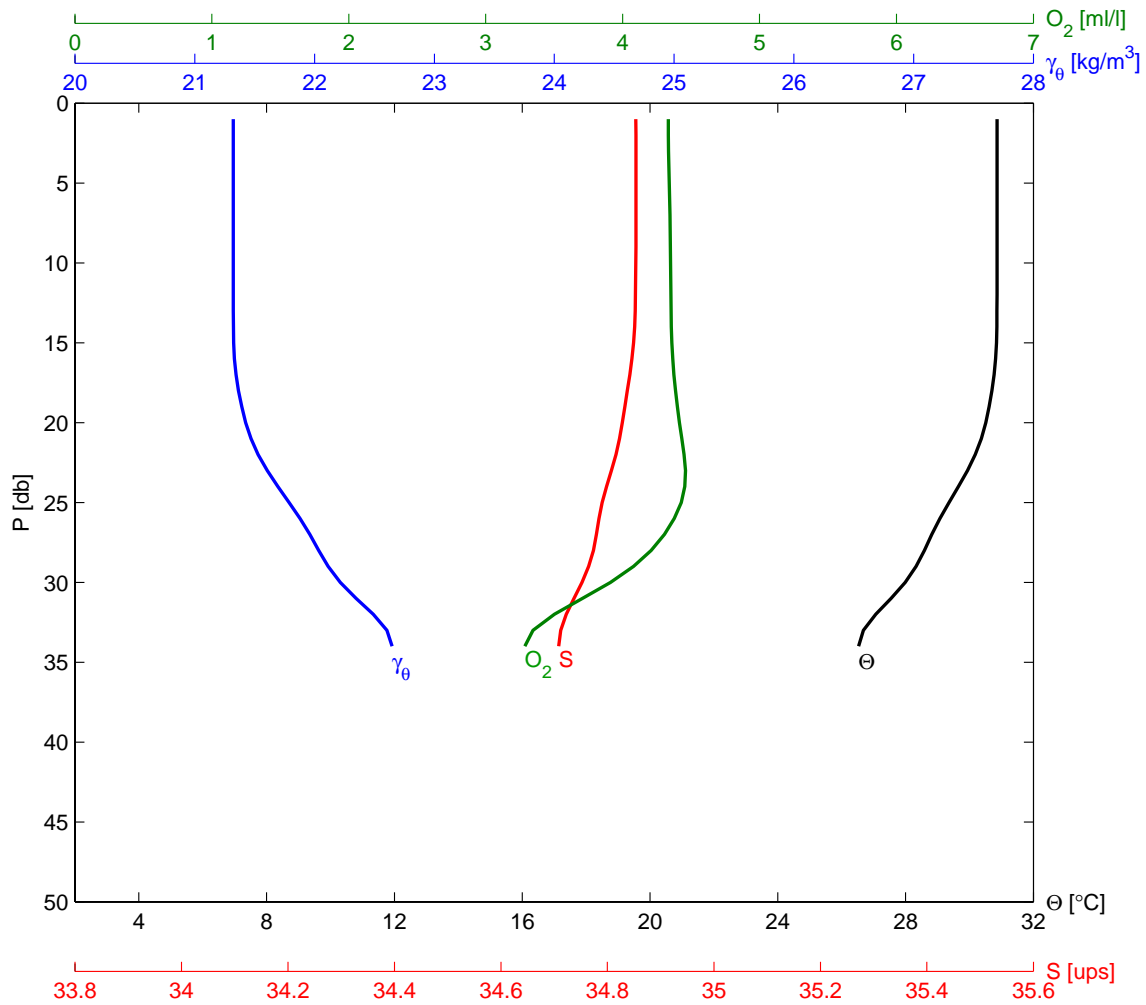


ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
Z22	30	23 59.2	107 29.5	9	8	2004	0740		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
67.0	31.1	34.74	73.7	29.8	2.7	33	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	31.072	34.736	21.161	5.012	30.0	27.142	34.731	22.472	4.300
5.0	30.989	34.737	21.190	4.982	40.0	25.513	34.645	22.918	4.060
10.0	30.717	34.773	21.312	4.742	50.0	23.504	34.589	23.477	4.049
20.0	29.784	34.859	21.697	4.387	59.0	19.114	34.632	24.712	2.147

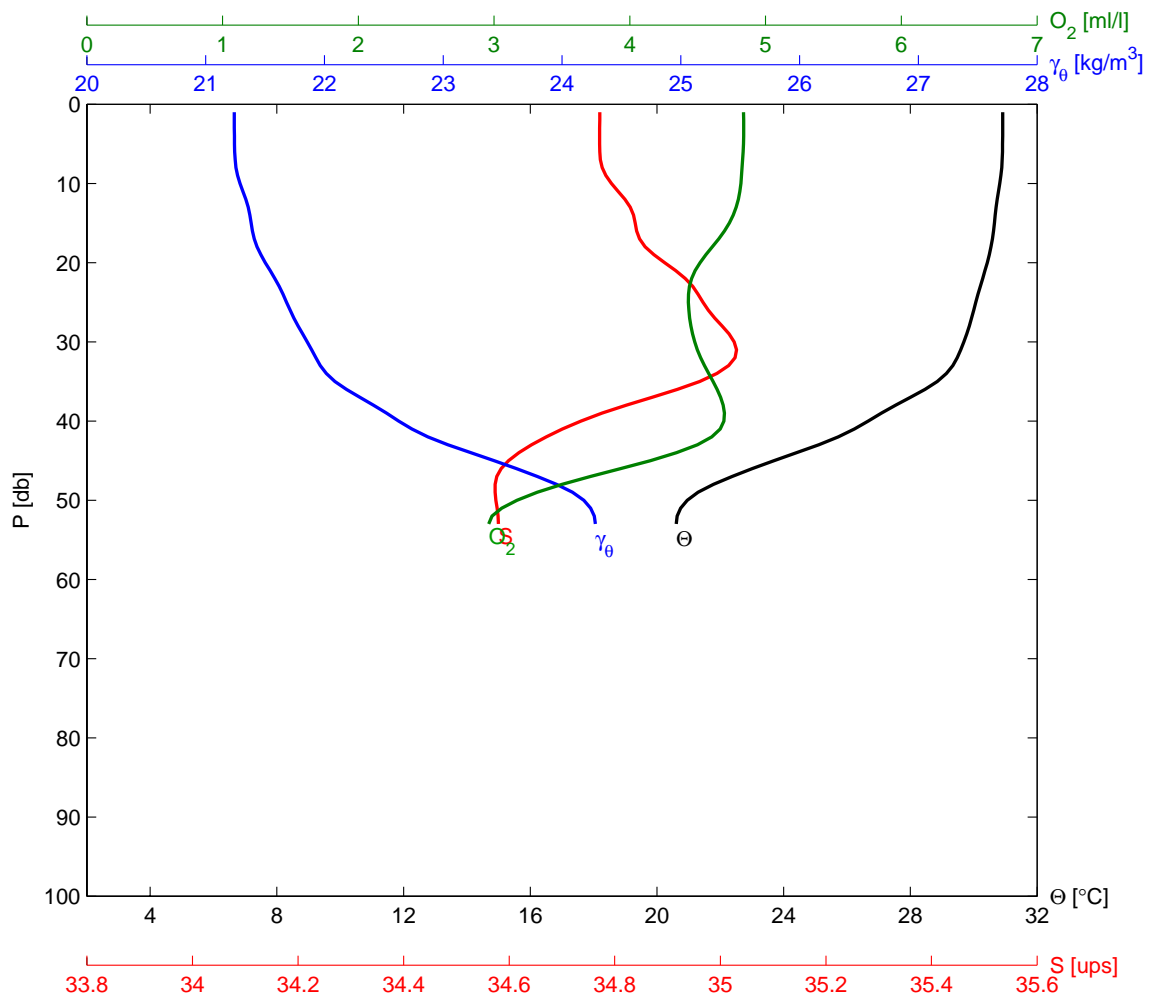




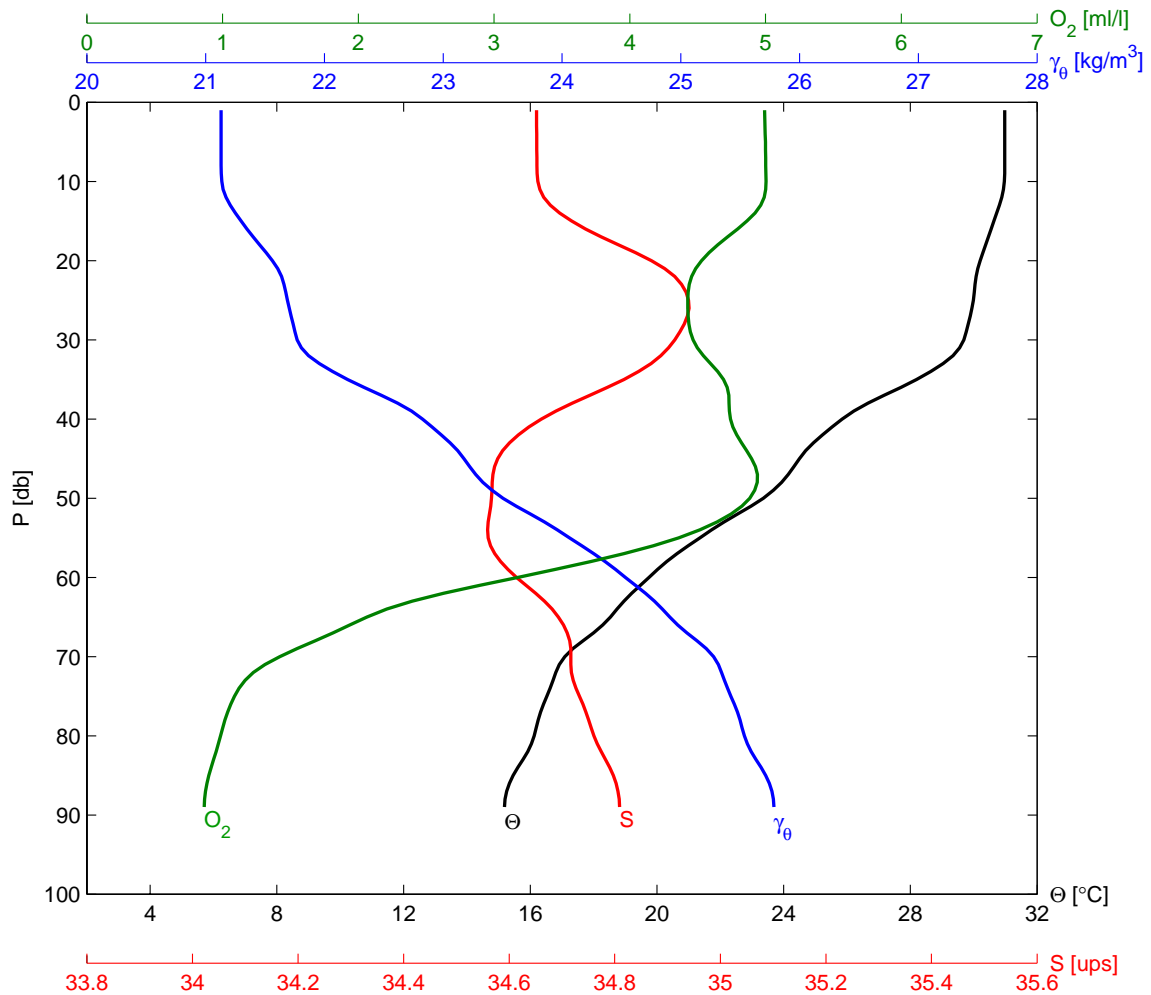
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
X22	31	24 17.3	107 43.4	9	8	2004	1118		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
36.0	30.9	34.85	86.4	28.0	0.9	124	9	1011.0	
PR	$\Theta$	SA	$\gamma$	$O_2$	PR	$\Theta$	SA	$\gamma$	$O_2$
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.861	34.853	21.322	4.334	20.0	30.507	34.828	21.426	4.415
5.0	30.862	34.854	21.322	4.341	30.0	27.985	34.753	22.216	3.911
10.0	30.864	34.853	21.321	4.350	34.0	26.529	34.707	22.648	3.286



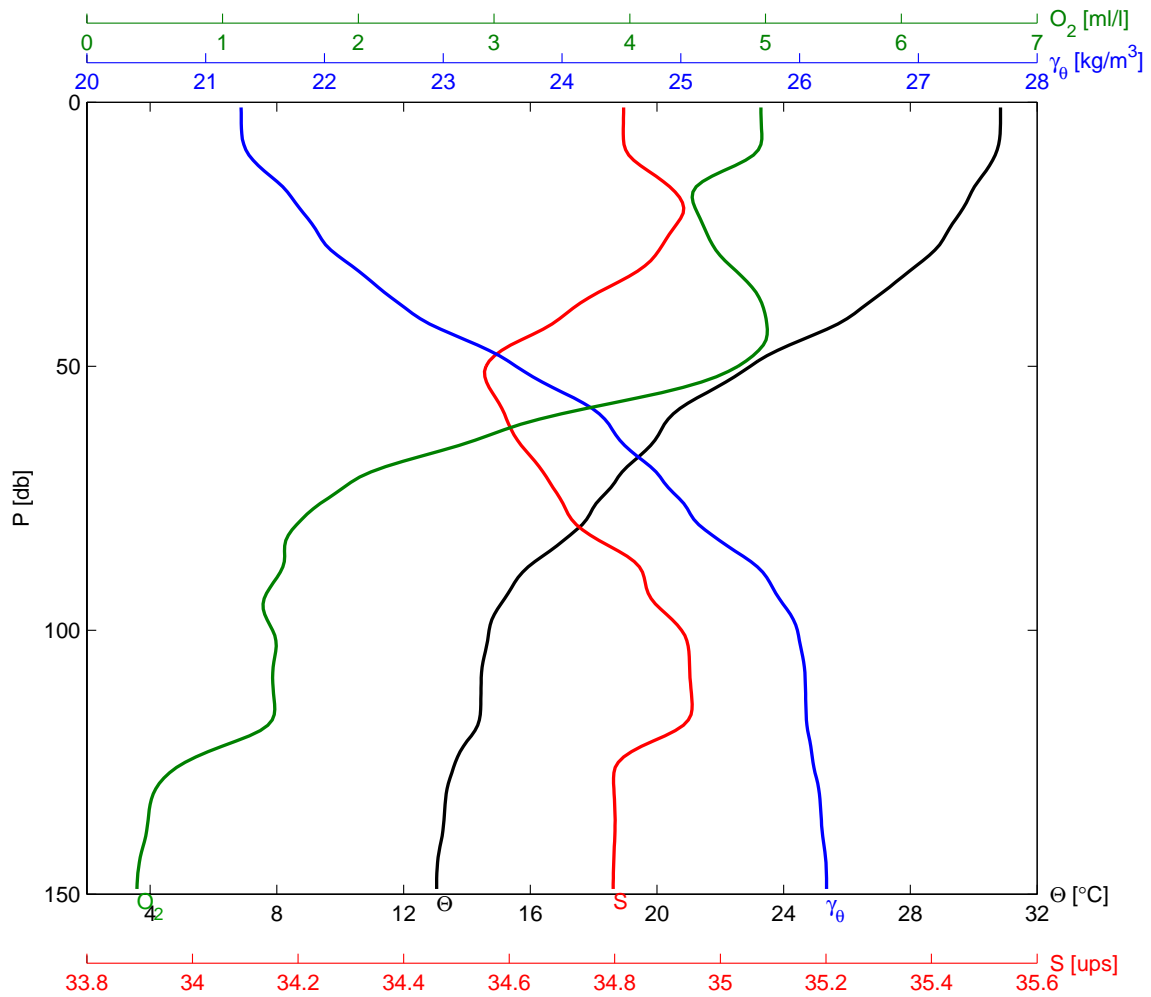
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
X21	32	24 13.4	107 49.0	9	8	2004	1234		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
54.0	30.9	34.77	84.6	28.6	1.3	163	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.916	34.772	21.242	4.838	30.0	29.687	35.028	21.856	4.478
5.0	30.912	34.771	21.243	4.837	40.0	26.665	34.734	22.626	4.693
10.0	30.824	34.793	21.290	4.818	50.0	20.954	34.575	24.184	3.169
20.0	30.427	34.894	21.503	4.517	53.0	20.608	34.580	24.281	2.960



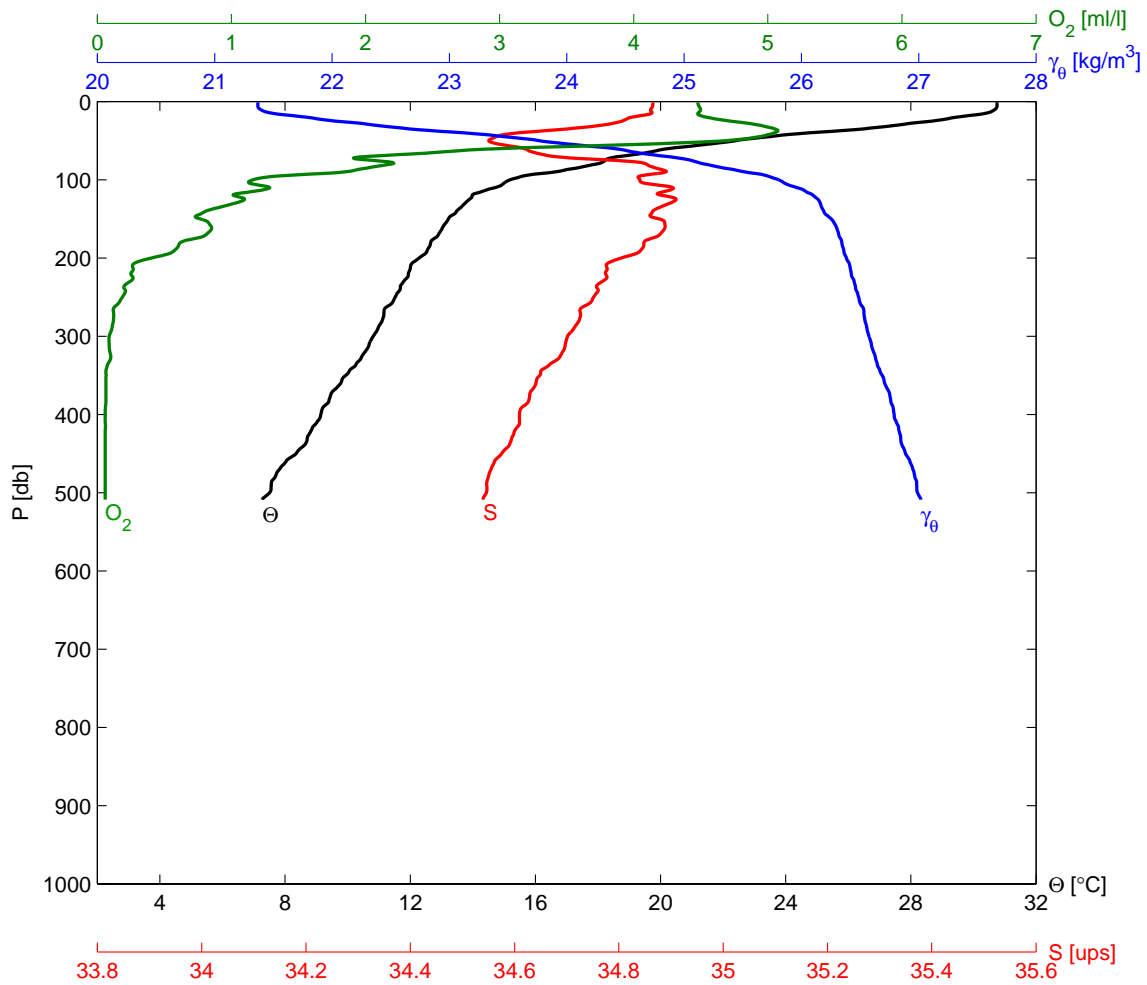
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
X20	33	24	9.5	107	54.5	9	8	2004	1347
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
89.0	31.0	34.65	79.0	29.2	1.3	174	9	1012.0	
PR	$\Theta$	SA	$\gamma$	$O_2$	PR	$\Theta$	SA	$\gamma$	$O_2$
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.981	34.652	21.130	4.994	40.0	25.847	34.660	22.826	4.741
5.0	30.981	34.652	21.130	4.999	50.0	23.354	34.567	23.504	4.883
10.0	30.968	34.654	21.136	5.003	60.0	19.745	34.614	24.535	3.172
20.0	30.205	34.871	21.562	4.528	80.0	16.123	34.760	25.536	0.985
30.0	29.685	34.914	21.771	4.466	89.0	15.186	34.810	25.785	0.865



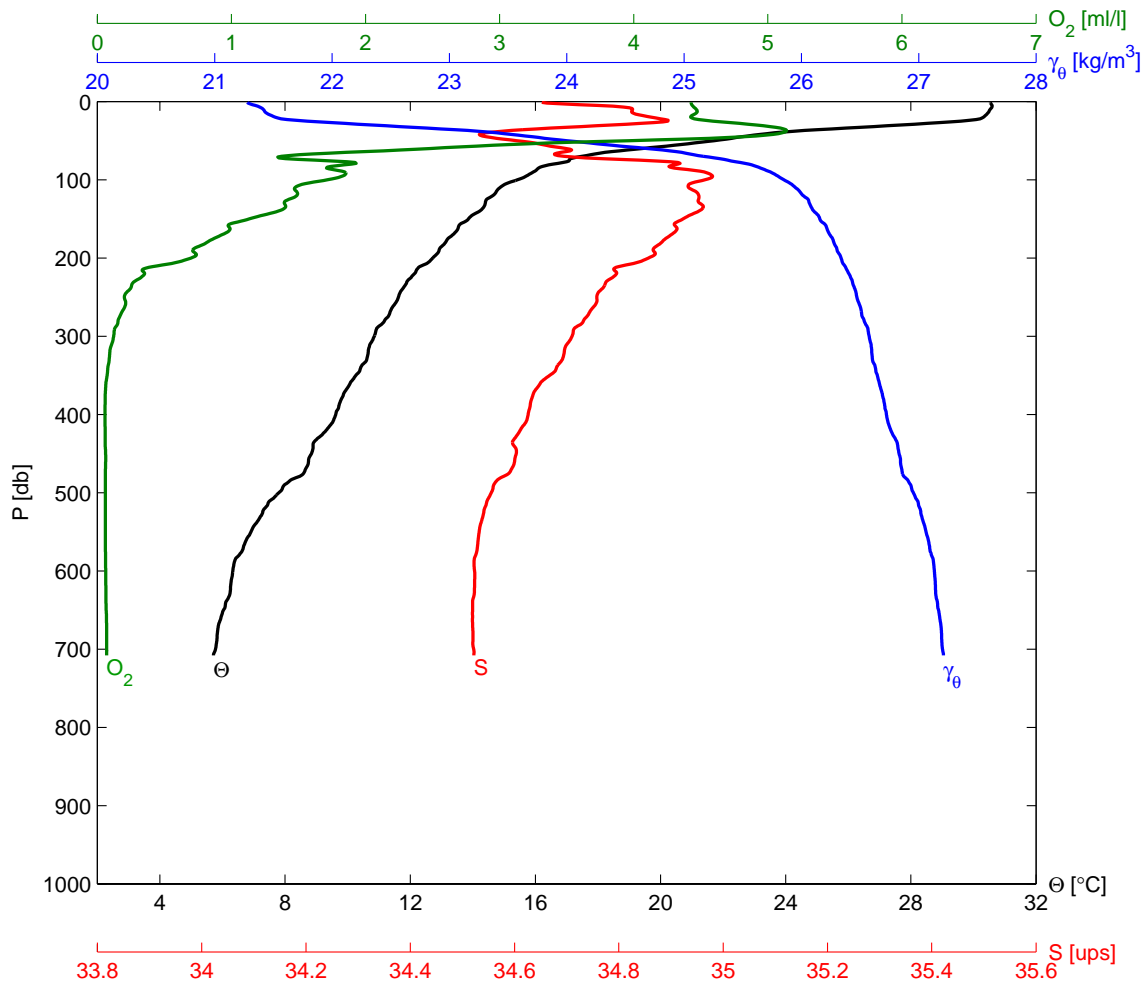
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
X19	34	24	5.3	108	0.1	9	8	2004	0015
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2.0	30.8	34.82	80.0	29.6	1.7	192	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.847	34.817	21.299	4.966	50.0	22.944	34.555	23.614	4.797
5.0	30.841	34.816	21.301	4.970	60.0	20.352	34.595	24.361	3.335
10.0	30.677	34.826	21.365	4.910	80.0	17.638	34.726	25.152	1.546
20.0	29.673	34.932	21.789	4.481	100.0	14.701	34.927	25.982	1.368
30.0	28.390	34.869	22.170	4.701	120.0	14.137	34.896	26.078	1.197
40.0	26.237	34.708	22.741	4.995	140.0	13.185	34.800	26.201	0.424
149.0	13.042	34.797	26.228	0.369					



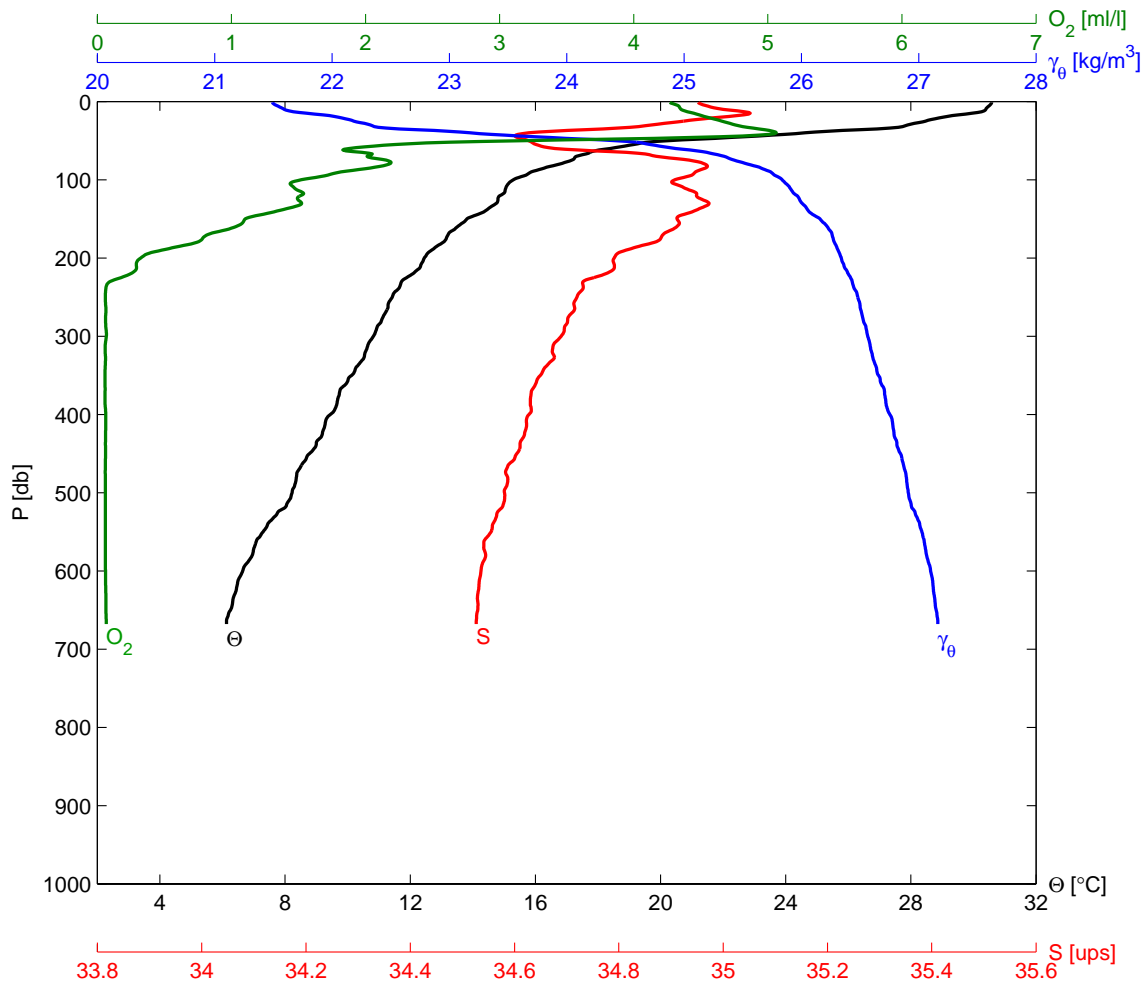
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
X18	35	24	1.3	108	5.7	9	8	2004	1623
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
527.0	30.8	34.83	87.5	29.4	3.3	117	9	1015.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.756	34.865	21.368	4.479	100.0	15.197	34.841	25.807	1.163
5.0	30.754	34.865	21.368	4.484	120.0	13.978	34.883	26.102	1.015
10.0	30.688	34.861	21.388	4.499	140.0	13.485	34.865	26.191	0.810
20.0	29.449	34.824	21.784	4.542	160.0	13.049	34.889	26.298	0.850
30.0	27.613	34.771	22.350	4.929	180.0	12.656	34.848	26.344	0.622
40.0	24.763	34.607	23.118	5.050	200.0	12.280	34.804	26.384	0.403
50.0	22.394	34.550	23.767	4.685	300.0	10.817	34.702	26.576	0.088
60.0	20.269	34.619	24.401	3.020	400.0	9.143	34.610	26.790	0.058
80.0	17.939	34.853	25.176	2.192	500.0	7.507	34.546	26.990	0.059
509.0	7.273	34.540	27.018	0.059					



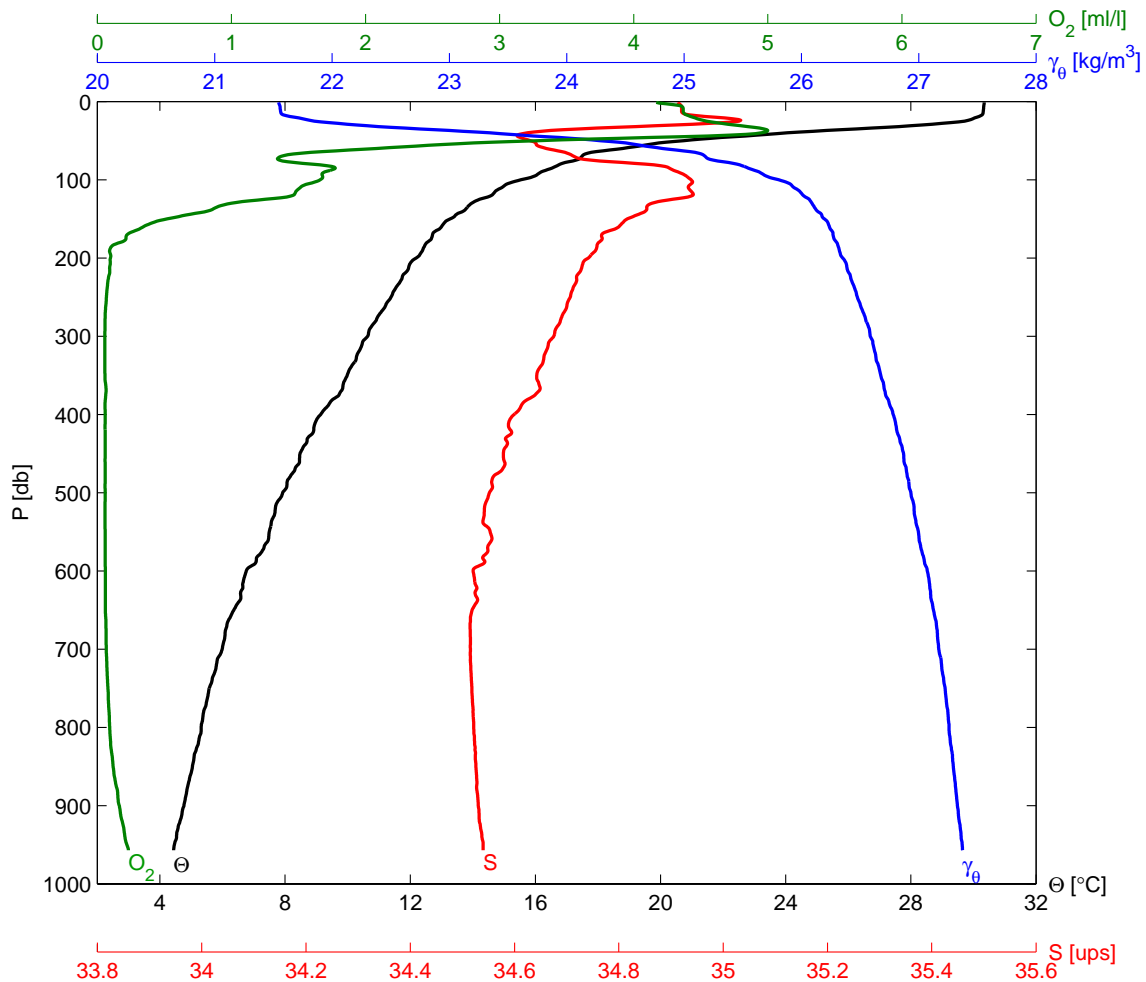
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
X17	36	23 57.3	108 11.2	9	8	2004	1753		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
720.0	30.5	34.59	89.7	27.7	2.6	113	9	1014.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.547	34.658	21.284	4.428	120.0	14.646	34.953	26.014	1.488
5.0	30.594	34.761	21.346	4.437	140.0	14.223	34.954	26.105	1.351
10.0	30.536	34.827	21.415	4.467	160.0	13.545	34.910	26.213	0.979
20.0	30.318	34.862	21.516	4.424	180.0	13.129	34.882	26.276	0.818
30.0	27.689	34.787	22.338	4.911	200.0	12.719	34.857	26.339	0.698
40.0	23.643	34.545	23.403	5.107	300.0	10.849	34.710	26.578	0.122
50.0	21.705	34.605	24.001	3.964	400.0	9.618	34.626	26.725	0.058
60.0	19.422	34.699	24.684	2.485	500.0	7.800	34.555	26.955	0.060
80.0	16.568	34.914	25.551	1.897	600.0	6.329	34.523	27.134	0.062
100.0	15.436	34.966	25.850	1.719	700.0	5.777	34.522	27.203	0.070
708.0	5.711	34.522	27.211	0.070					



ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
X16	37	23 53.5	108 16.8	9	8	2004	1927		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
676.0	30.6	34.95	80.7	29.2	3.7	123	9	1014.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.576	34.953	21.495	4.277	120.0	14.876	34.949	25.960	1.519
5.0	30.514	34.966	21.526	4.328	140.0	14.392	34.944	26.062	1.340
10.0	30.392	34.999	21.594	4.353	160.0	13.510	34.911	26.221	1.031
20.0	29.030	34.995	22.053	4.547	180.0	13.052	34.868	26.281	0.742
30.0	27.895	34.862	22.328	4.758	200.0	12.448	34.791	26.341	0.323
40.0	24.620	34.626	23.175	5.062	300.0	10.823	34.689	26.566	0.067
50.0	20.222	34.628	24.420	3.160	400.0	9.446	34.628	26.754	0.063
60.0	18.389	34.676	24.928	1.878	500.0	8.223	34.581	26.911	0.060
80.0	16.773	34.965	25.542	2.176	600.0	6.646	34.536	27.101	0.061
100.0	15.299	34.908	25.835	1.523	668.0	6.128	34.527	27.162	0.067

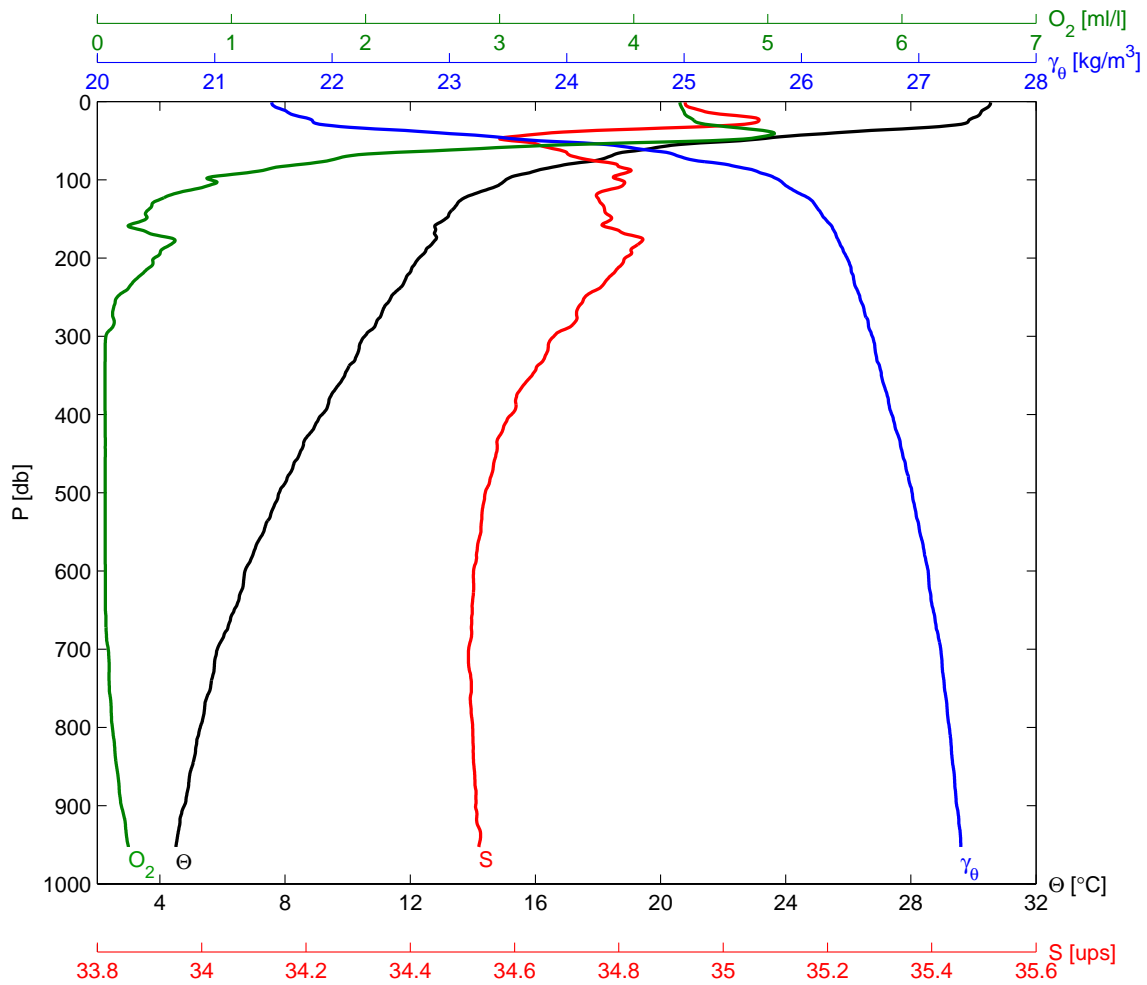


ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
X15	38	23 49.6	108 22.2	9	8	2004	0021		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1.0	30.4	34.81	78.8	29.4	3.1	177	9	1014.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.342	34.914	21.547	4.190	140.0	13.705	34.852	26.135	0.825
5.0	30.333	34.920	21.554	4.337	160.0	12.998	34.800	26.239	0.343
10.0	30.320	34.920	21.559	4.369	180.0	12.538	34.762	26.300	0.173
20.0	30.108	34.984	21.680	4.441	200.0	12.189	34.742	26.353	0.098
30.0	28.359	34.908	22.210	4.749	300.0	10.640	34.675	26.588	0.057
40.0	24.056	34.624	23.342	4.954	400.0	9.136	34.599	26.783	0.058
50.0	20.731	34.631	24.287	3.280	500.0	7.923	34.552	26.934	0.058
60.0	18.785	34.661	24.818	2.081	600.0	6.762	34.521	27.074	0.060
80.0	16.793	34.851	25.450	1.597	700.0	5.989	34.515	27.171	0.067
100.0	15.543	34.938	25.805	1.663	800.0	5.321	34.522	27.259	0.092
120.0	14.597	34.942	26.016	1.458	900.0	4.766	34.530	27.330	0.163
957.0	4.440	34.540	27.373	0.231					

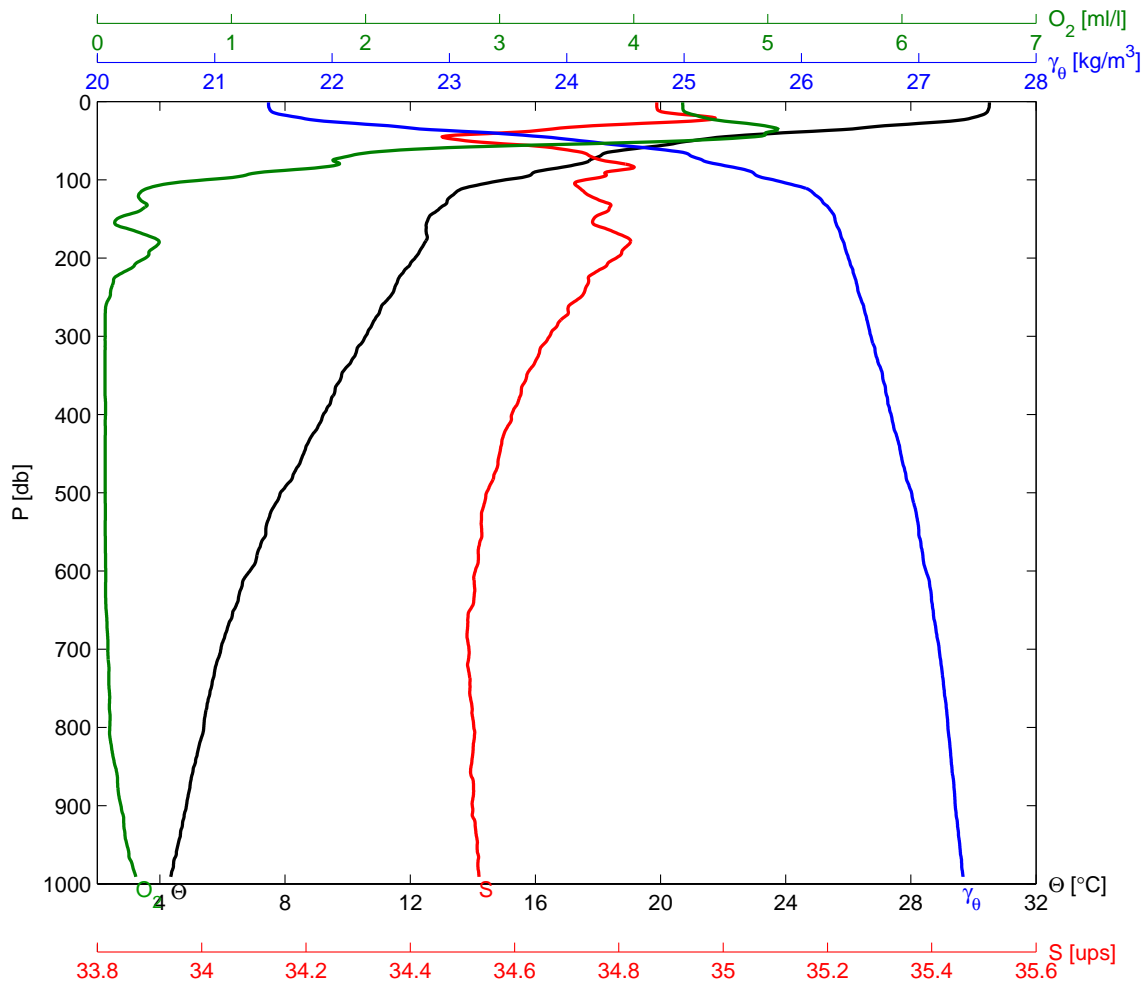




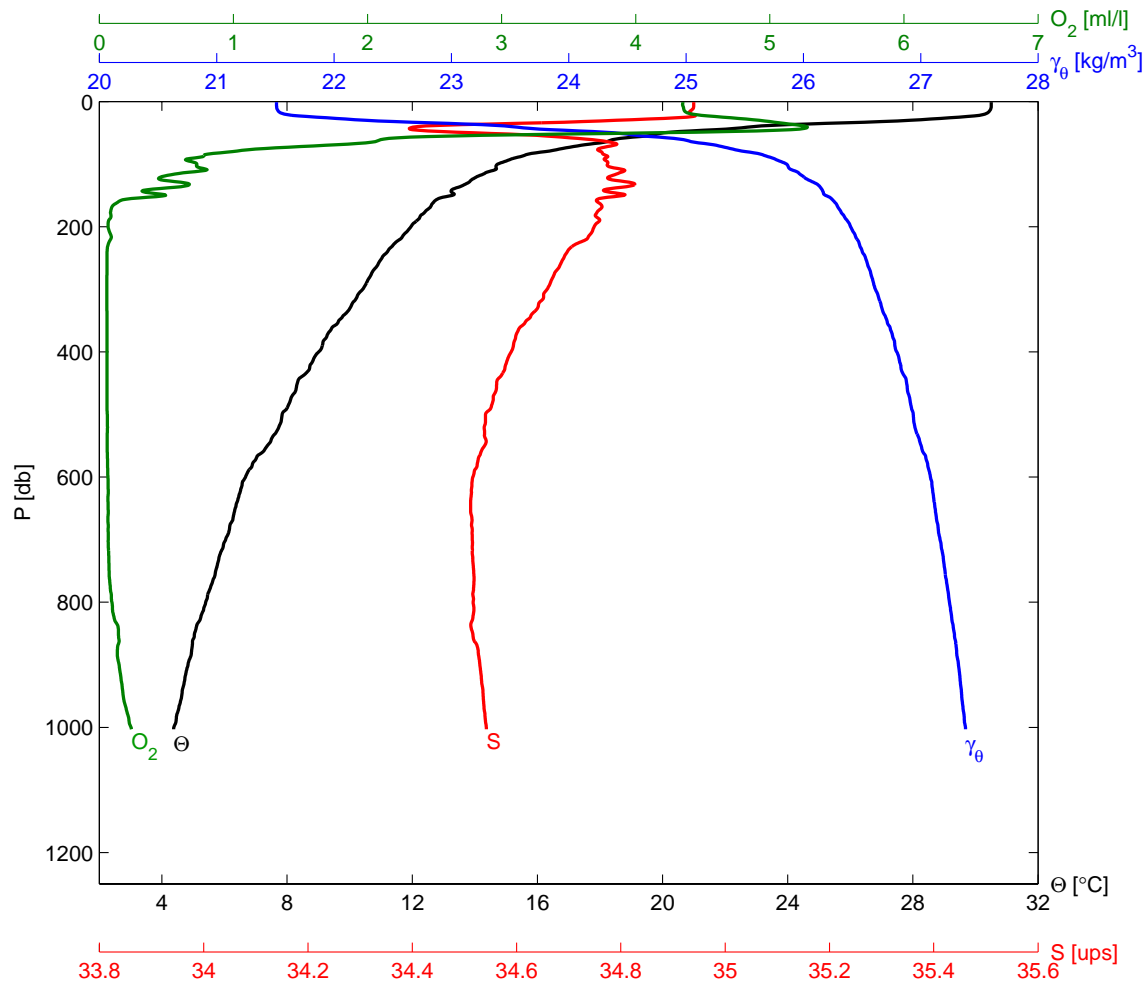
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
X14	39	23 45.7	108 27.8	9	8	2004	2253		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2836.0	30.5	34.93	80.7	29.5	2.5	164	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.547	34.927	21.486	4.344	140.0	13.306	34.773	26.156	0.370
5.0	30.516	34.929	21.498	4.350	160.0	12.782	34.773	26.261	0.234
10.0	30.344	34.950	21.574	4.365	180.0	12.735	34.842	26.324	0.570
20.0	30.054	35.055	21.751	4.412	200.0	12.281	34.812	26.389	0.425
30.0	29.423	35.024	21.943	4.577	300.0	10.545	34.676	26.605	0.064
40.0	25.610	34.670	22.907	5.046	400.0	9.183	34.594	26.771	0.058
50.0	22.535	34.595	23.761	4.571	500.0	7.810	34.544	26.944	0.059
60.0	19.705	34.672	24.590	2.864	600.0	6.720	34.521	27.080	0.060
80.0	17.057	34.796	25.345	1.537	700.0	5.834	34.512	27.188	0.081
100.0	15.061	34.802	25.806	0.840	800.0	5.289	34.520	27.261	0.113
120.0	13.909	34.757	26.019	0.535	900.0	4.783	34.525	27.324	0.178
953.0	4.514	34.532	27.359	0.232					



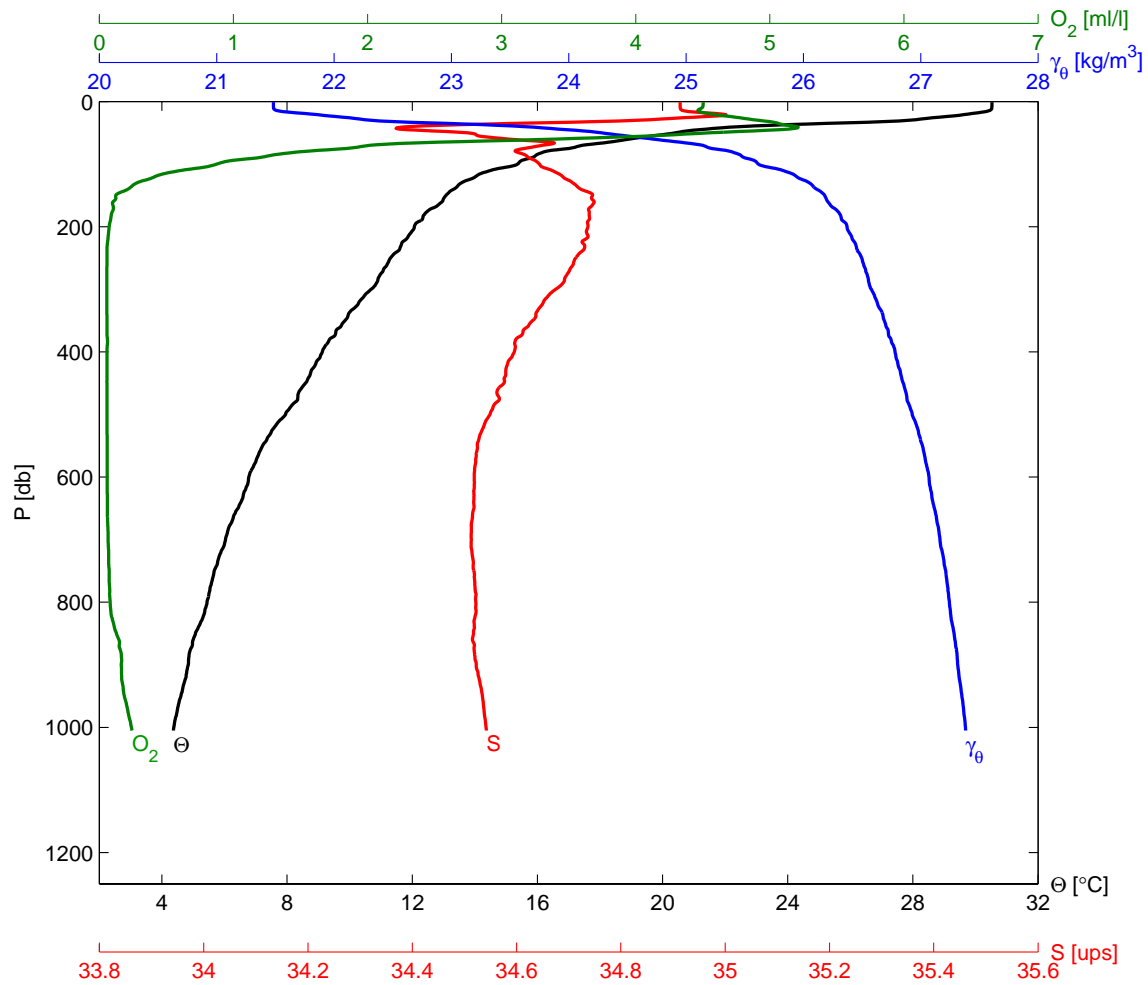
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
X13	40	23 41.5	108 33.5	10	8	2004	0041		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2895.0	30.5	34.88	78.6	29.4	2.8	138	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.508	34.873	21.459	4.365	140.0	12.845	34.779	26.253	0.314
5.0	30.507	34.873	21.459	4.366	160.0	12.512	34.763	26.307	0.173
10.0	30.480	34.874	21.470	4.367	180.0	12.471	34.822	26.361	0.462
20.0	30.036	34.980	21.701	4.512	200.0	12.154	34.795	26.401	0.359
30.0	27.529	34.778	22.383	4.937	300.0	10.572	34.667	26.593	0.058
40.0	23.915	34.582	23.352	4.983	400.0	9.225	34.594	26.765	0.061
50.0	21.008	34.505	24.116	4.394	500.0	7.854	34.546	26.939	0.059
60.0	19.208	34.683	24.727	2.476	600.0	6.875	34.525	27.062	0.063
80.0	17.380	34.813	25.281	1.806	700.0	5.949	34.513	27.174	0.079
100.0	15.056	34.736	25.757	0.815	800.0	5.401	34.522	27.249	0.093
120.0	13.344	34.743	26.125	0.307	900.0	4.848	34.519	27.311	0.177
991.0	4.349	34.532	27.377	0.286					



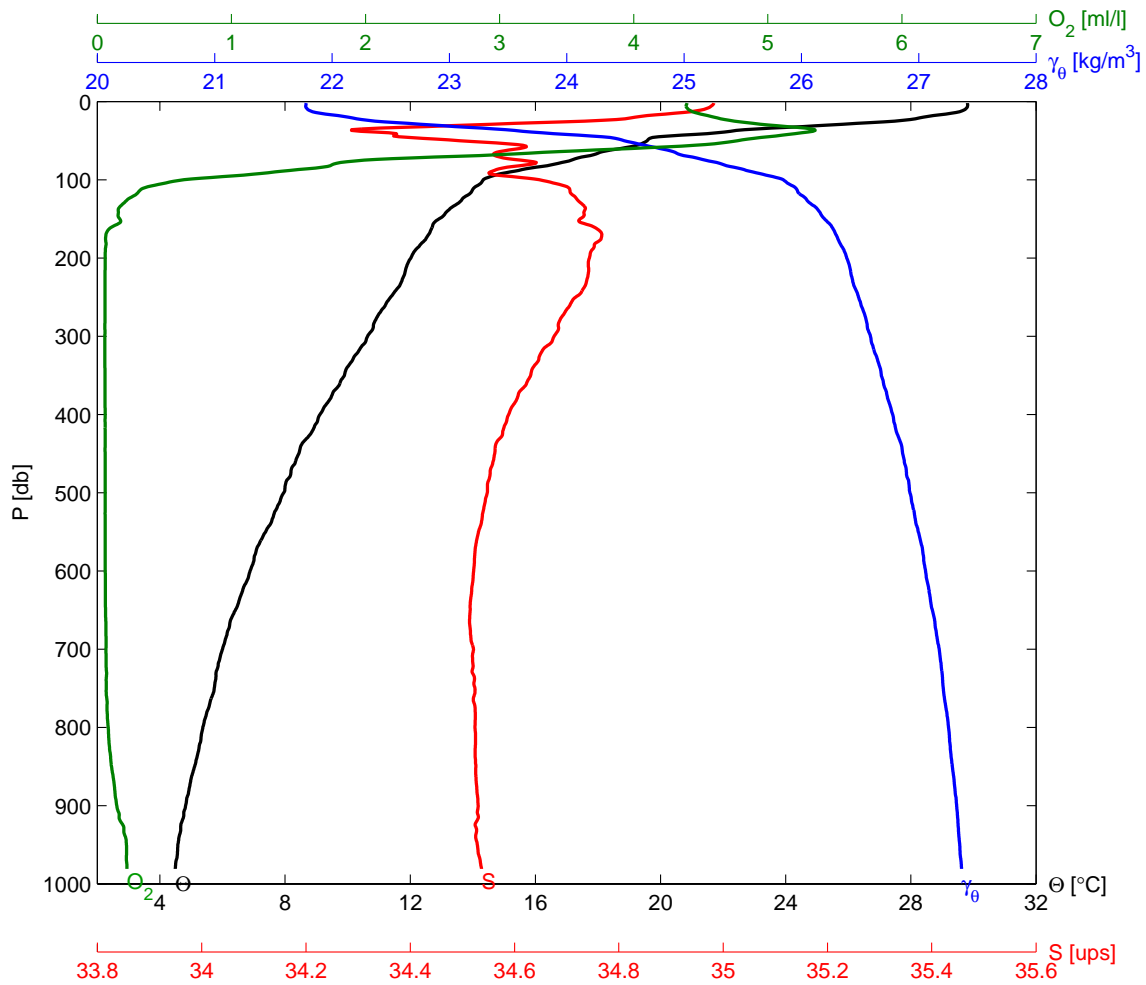
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
X12	41	23 37.4	108 39.1	10	8	2004	0224		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2499.0	30.5	34.94	83.4	28.7	0.3	72	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.506	34.940	21.510	4.351	160.0	12.700	34.754	26.263	0.144
5.0	30.505	34.940	21.510	4.349	180.0	12.324	34.752	26.335	0.085
10.0	30.499	34.939	21.512	4.357	200.0	11.958	34.749	26.403	0.066
20.0	30.302	34.935	21.577	4.421	300.0	10.417	34.659	26.614	0.056
30.0	27.913	34.791	22.268	4.920	400.0	9.014	34.590	26.795	0.058
40.0	22.912	34.408	23.511	5.274	500.0	7.844	34.541	26.936	0.060
50.0	20.036	34.517	24.385	4.142	600.0	6.671	34.516	27.083	0.064
60.0	18.505	34.733	24.943	2.121	700.0	6.036	34.515	27.165	0.066
80.0	16.255	34.762	25.507	0.993	800.0	5.400	34.517	27.245	0.094
100.0	14.730	34.774	25.858	0.728	900.0	4.834	34.530	27.322	0.148
120.0	14.071	34.777	26.001	0.467	1000.0	4.382	34.542	27.381	0.236
140.0	13.299	34.772	26.157	0.398	1003.0	4.375	34.542	27.382	0.239



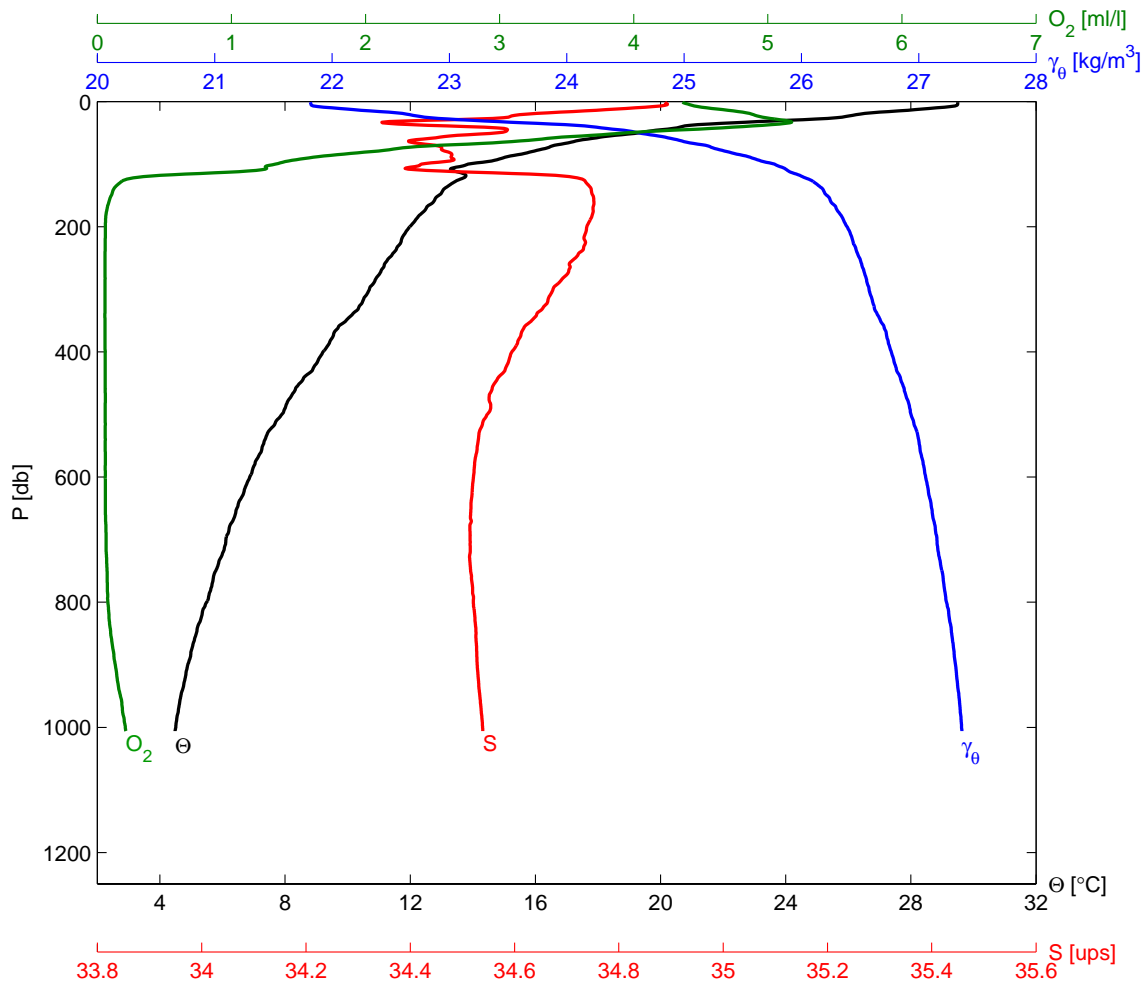
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
X11	42	23 33.5	108 44.7	10	8	2004	0004		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
9.0	30.5	34.92	85.6	28.6	1.2	107	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.525	34.914	21.484	4.504	160.0	12.955	34.749	26.208	0.103
5.0	30.525	34.914	21.484	4.502	180.0	12.394	34.740	26.311	0.090
10.0	30.523	34.914	21.485	4.493	200.0	12.068	34.737	26.372	0.073
20.0	29.762	34.997	21.807	4.565	300.0	10.687	34.675	26.579	0.056
30.0	27.866	34.833	22.315	4.914	400.0	9.129	34.596	26.781	0.057
40.0	22.507	34.392	23.615	5.199	500.0	7.949	34.549	26.927	0.057
50.0	20.416	34.507	24.277	4.554	600.0	6.778	34.519	27.070	0.059
60.0	18.942	34.584	24.719	3.404	700.0	6.032	34.513	27.164	0.065
80.0	16.238	34.598	25.385	1.513	800.0	5.443	34.522	27.244	0.081
100.0	15.368	34.644	25.617	0.875	900.0	4.841	34.523	27.315	0.163
120.0	14.023	34.689	25.942	0.414	1000.0	4.379	34.542	27.381	0.239
140.0	13.328	34.723	26.112	0.214	1005.0	4.370	34.542	27.383	0.243



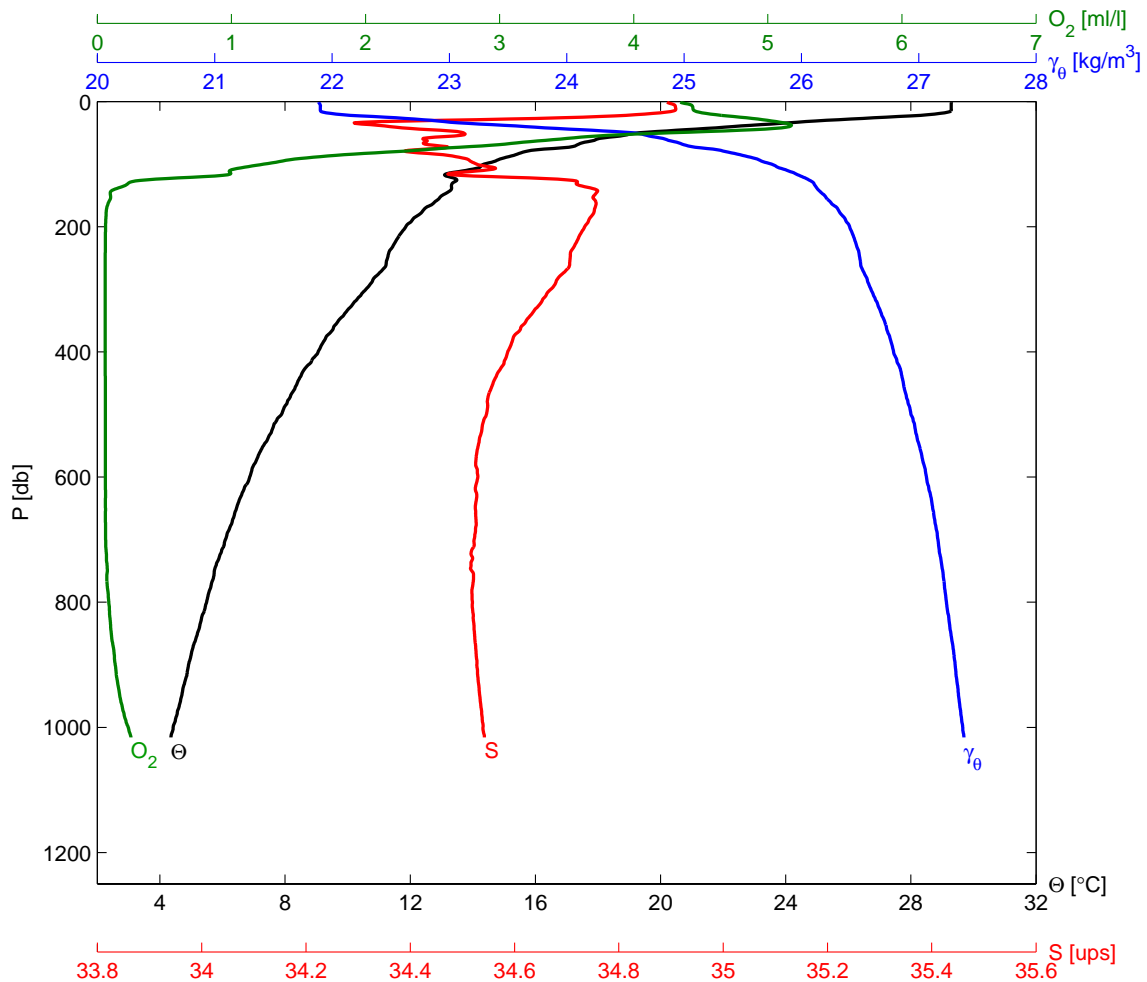
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
X10	43	23 29.5	108 50.3	10	8	2004	0555		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2681.0	29.8	34.68	86.8	28.3	2.2	120	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.812	34.983	21.780	4.397	140.0	13.187	34.734	26.149	0.156
5.0	29.813	34.979	21.777	4.390	160.0	12.707	34.751	26.259	0.112
10.0	29.732	34.964	21.793	4.407	180.0	12.395	34.758	26.325	0.064
20.0	28.394	34.831	22.140	4.600	200.0	12.020	34.743	26.387	0.059
30.0	25.412	34.516	22.851	5.003	300.0	10.635	34.676	26.589	0.057
40.0	21.802	34.363	23.790	5.252	400.0	9.113	34.589	26.778	0.058
50.0	19.571	34.494	24.489	4.774	500.0	7.959	34.548	26.925	0.059
60.0	18.729	34.611	24.793	3.984	600.0	6.883	34.522	27.058	0.059
80.0	16.621	34.635	25.324	1.761	700.0	6.001	34.521	27.174	0.065
100.0	14.337	34.647	25.844	0.647	800.0	5.373	34.524	27.254	0.081
120.0	13.820	34.713	26.003	0.278	900.0	4.822	34.530	27.323	0.145
981.0	4.491	34.537	27.365	0.221					



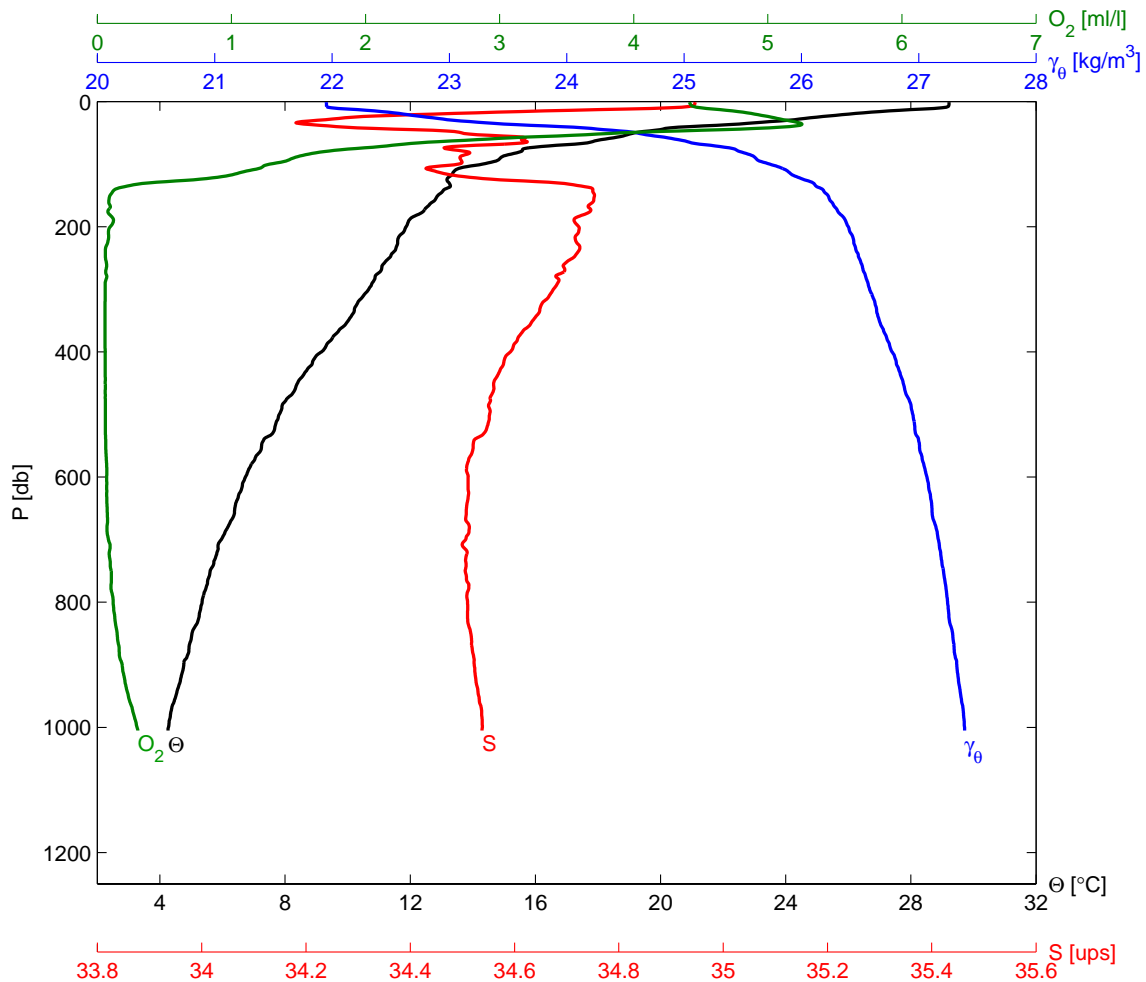
ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
X09	44		23 25.5		108 55.7		10	8	2004	0743
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
2798.0	29.5	34.90	86.2	27.9	1.9	163	9	1013.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	29.496	34.889	21.816	4.370	160.0	12.750	34.752	26.251	0.087	
5.0	29.493	34.894	21.821	4.418	180.0	12.335	34.750	26.331	0.065	
10.0	28.826	34.832	21.998	4.543	200.0	11.987	34.739	26.389	0.060	
20.0	26.377	34.623	22.633	4.880	300.0	10.697	34.674	26.576	0.057	
30.0	24.074	34.432	23.191	5.124	400.0	9.214	34.595	26.767	0.058	
40.0	20.684	34.509	24.207	4.814	500.0	7.894	34.547	26.934	0.059	
50.0	19.324	34.569	24.610	3.948	600.0	6.872	34.521	27.059	0.059	
60.0	17.666	34.424	24.914	3.316	700.0	6.109	34.515	27.156	0.065	
80.0	15.888	34.470	25.366	2.045	800.0	5.495	34.521	27.237	0.079	
100.0	13.851	34.420	25.771	1.329	900.0	4.891	34.528	27.314	0.134	
120.0	13.769	34.706	26.009	0.344	1000.0	4.507	34.539	27.365	0.209	
140.0	13.072	34.747	26.183	0.122	1006.0	4.487	34.539	27.368	0.212	



ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
X08	45	23	21.4	109	1.1	10	8	2004	0925
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2500.0	29.3	34.91	85.7	27.9	1.1	142	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.292	34.893	21.889	4.357	160.0	12.795	34.756	26.245	0.087
5.0	29.288	34.906	21.899	4.423	180.0	12.300	34.751	26.338	0.065
10.0	29.290	34.909	21.901	4.441	200.0	11.857	34.735	26.411	0.061
20.0	28.755	34.850	22.035	4.573	300.0	10.587	34.670	26.593	0.059
30.0	25.304	34.461	22.843	4.995	400.0	9.055	34.587	26.786	0.058
40.0	22.300	34.361	23.649	5.161	500.0	7.885	34.546	26.935	0.061
50.0	19.299	34.502	24.565	4.272	600.0	6.871	34.530	27.066	0.061
60.0	17.967	34.423	24.839	3.453	700.0	6.092	34.522	27.164	0.062
80.0	15.671	34.390	25.353	2.231	800.0	5.491	34.519	27.236	0.085
100.0	14.359	34.527	25.747	1.242	900.0	4.917	34.528	27.311	0.134
120.0	13.216	34.555	26.006	0.796	1000.0	4.423	34.540	27.375	0.231
140.0	13.319	34.754	26.139	0.132	1016.0	4.354	34.542	27.385	0.250

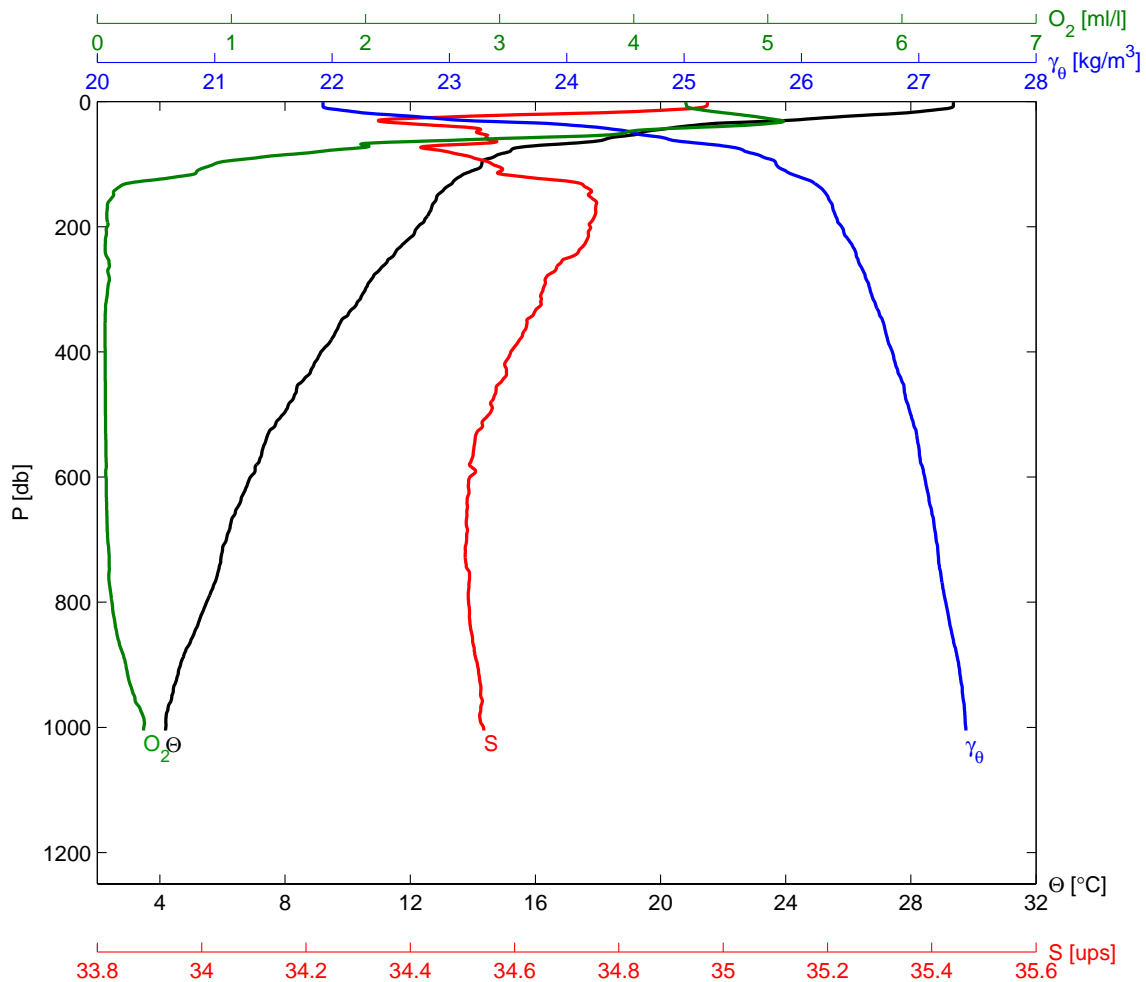


ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
X07	46	23 17.4	109 6.7	10	8	2004	0011		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
5.0	29.2	34.95	85.2	27.9	1.6	179	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.221	34.946	21.952	4.417	160.0	12.731	34.751	26.254	0.085
5.0	29.217	34.945	21.953	4.424	180.0	12.272	34.735	26.332	0.089
10.0	28.990	34.900	21.994	4.501	200.0	11.868	34.723	26.400	0.097
20.0	26.016	34.444	22.611	4.902	300.0	10.670	34.675	26.582	0.059
30.0	24.072	34.222	23.033	5.142	400.0	9.165	34.592	26.773	0.058
40.0	20.950	34.258	23.944	5.161	500.0	7.812	34.552	26.950	0.060
50.0	19.174	34.498	24.594	3.916	600.0	6.734	34.511	27.070	0.070
60.0	18.231	34.614	24.920	2.912	700.0	5.959	34.506	27.168	0.083
80.0	15.534	34.509	25.476	1.691	800.0	5.349	34.510	27.246	0.118
100.0	14.310	34.494	25.731	1.286	900.0	4.762	34.523	27.324	0.185
120.0	13.253	34.503	25.957	0.930	1000.0	4.270	34.538	27.391	0.296
140.0	13.108	34.751	26.178	0.136	1005.0	4.257	34.538	27.391	0.302

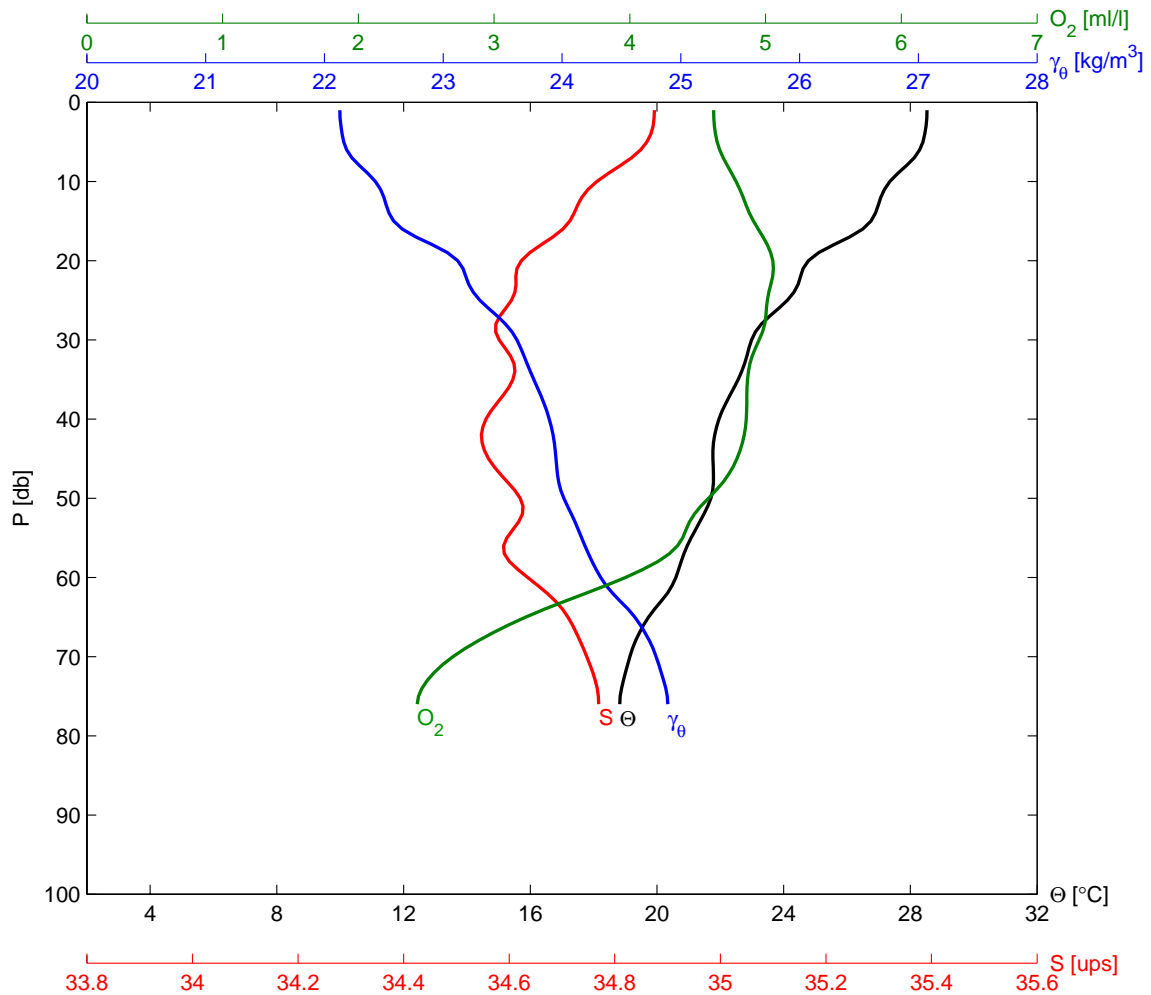




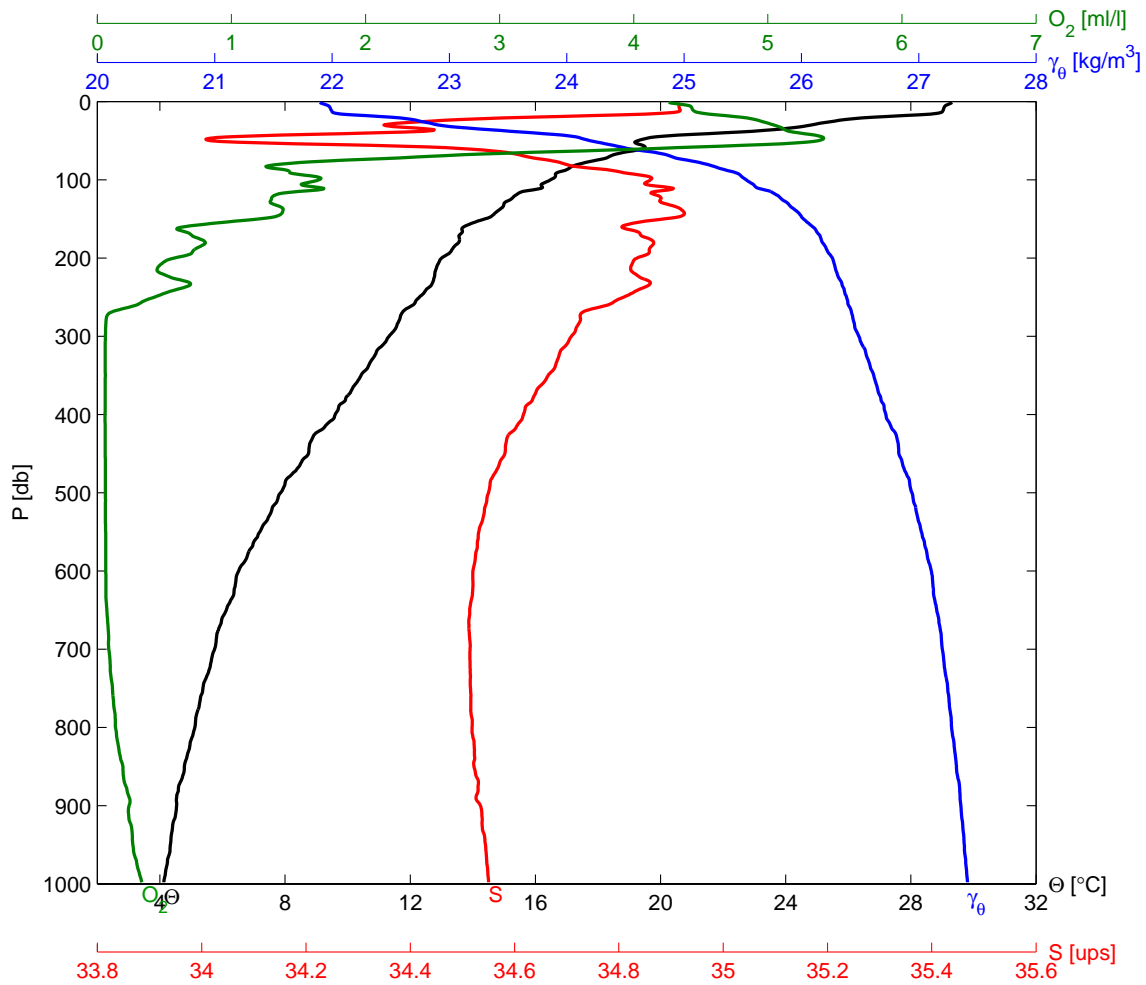
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
X06	47	23 13.4	109 12.3	10	8	2004	1243		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2292.0	29.4	34.97	86.7	28.0	2.1	196	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.359	34.970	21.923	4.388	160.0	12.793	34.757	26.247	0.085
5.0	29.359	34.970	21.923	4.392	180.0	12.585	34.755	26.286	0.071
10.0	29.279	34.955	21.939	4.417	200.0	12.252	34.746	26.344	0.073
20.0	27.226	34.662	22.393	4.755	300.0	10.565	34.655	26.585	0.077
30.0	24.129	34.337	23.103	5.095	400.0	9.148	34.593	26.776	0.058
40.0	20.686	34.489	24.191	4.629	500.0	7.932	34.551	26.932	0.061
50.0	19.387	34.528	24.562	3.933	600.0	6.894	34.514	27.051	0.065
60.0	18.253	34.547	24.864	2.888	700.0	6.123	34.508	27.148	0.078
80.0	15.172	34.471	25.527	1.654	800.0	5.490	34.512	27.230	0.109
100.0	14.288	34.557	25.785	0.871	900.0	4.659	34.529	27.341	0.212
120.0	13.584	34.615	25.977	0.600	1000.0	4.189	34.541	27.401	0.346
140.0	13.085	34.744	26.178	0.141	1005.0	4.179	34.541	27.402	0.345



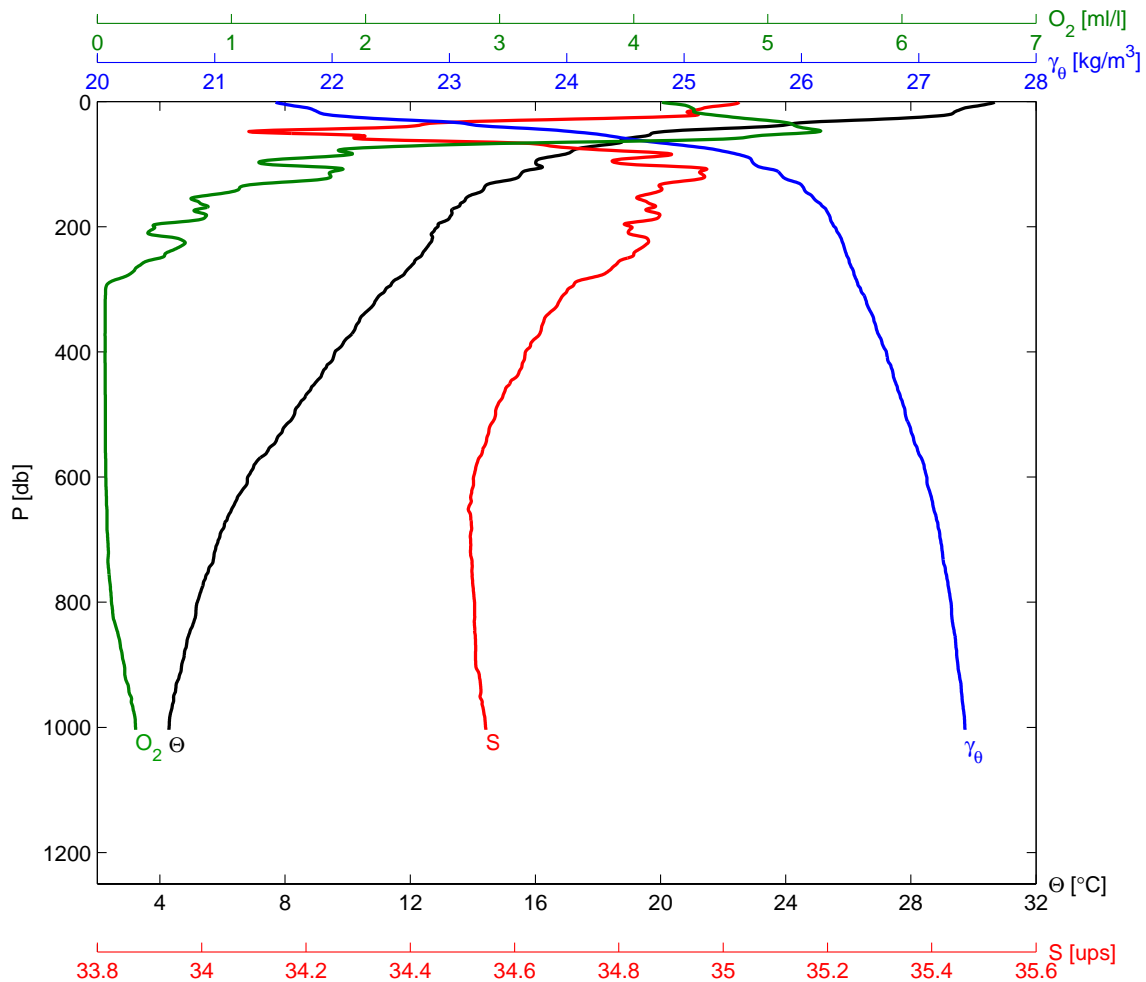
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
A01	48	23 31.0	109 26.6	10	8	2004	1822		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
85.0	28.5	34.88	81.0	28.9	2.6	96	9	1014.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	28.518	34.875	22.133	4.619	30.0	22.987	34.580	23.621	4.953
5.0	28.398	34.862	22.163	4.643	40.0	21.957	34.555	23.893	4.858
10.0	27.357	34.765	22.429	4.783	50.0	21.700	34.622	24.016	4.579
20.0	24.780	34.621	23.123	5.053	60.0	20.595	34.635	24.327	3.968
76.0	18.825	34.770	24.891	2.434					



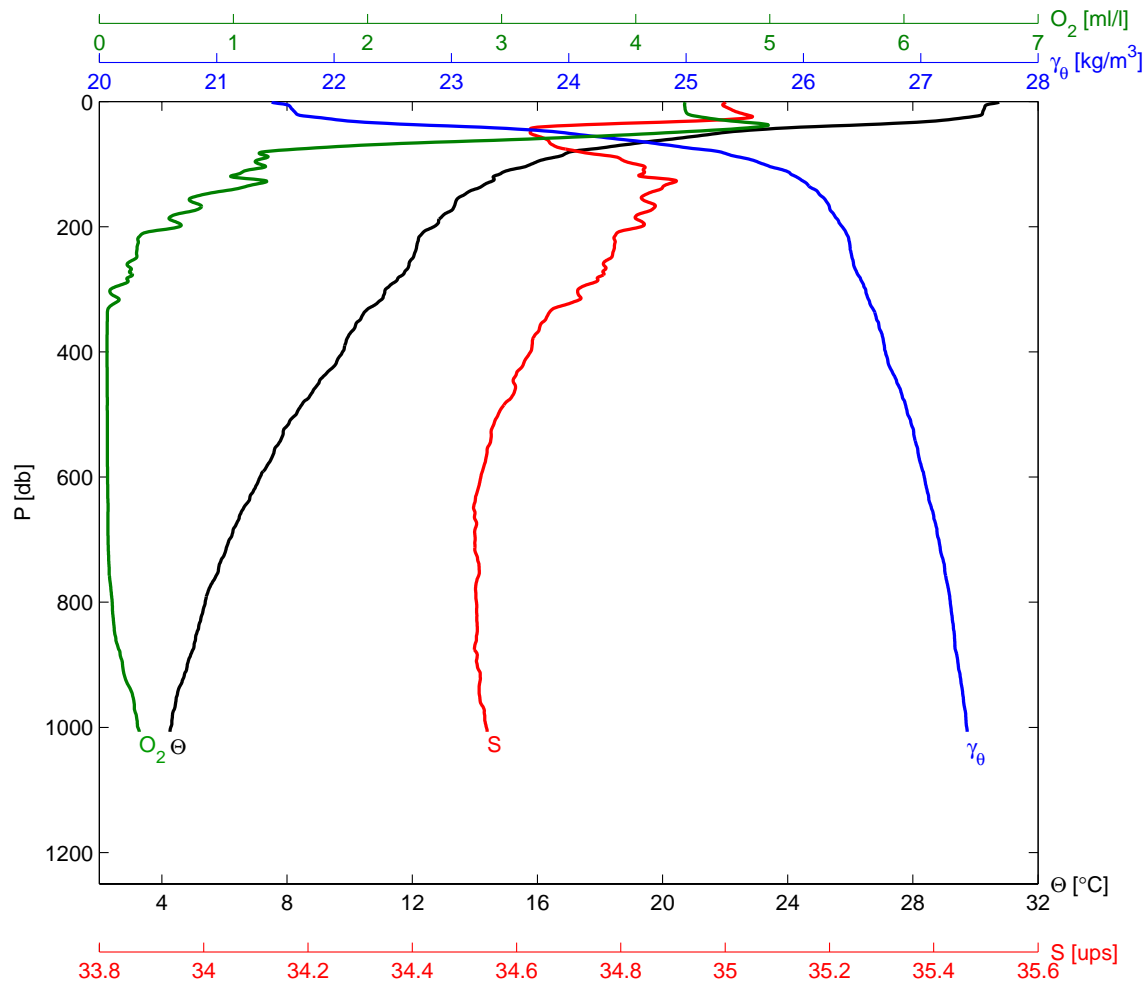
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
A02	49	23 34.6	109 21.9	10	8	2004	1933		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1388.0	29.4	34.92	79.4	29.2	1.9	130	9	1014.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.289	34.914	21.905	4.280	140.0	14.791	34.923	25.959	1.384
5.0	29.118	34.916	21.964	4.407	160.0	13.716	34.805	26.096	0.648
10.0	29.042	34.917	21.990	4.438	180.0	13.554	34.867	26.178	0.806
20.0	26.802	34.629	22.503	4.800	200.0	13.004	34.835	26.264	0.573
30.0	24.819	34.347	22.904	5.044	300.0	11.323	34.709	26.491	0.060
40.0	22.032	34.338	23.707	5.226	400.0	9.603	34.617	26.720	0.058
50.0	19.273	34.015	24.200	5.376	500.0	7.857	34.550	26.942	0.060
60.0	19.467	34.497	24.518	4.165	600.0	6.516	34.520	27.107	0.063
80.0	17.400	34.697	25.187	1.373	700.0	5.747	34.515	27.201	0.086
100.0	16.488	34.861	25.529	1.654	800.0	5.118	34.519	27.280	0.136
120.0	15.359	34.874	25.797	1.320	900.0	4.534	34.535	27.359	0.237
998.0	4.126	34.550	27.415	0.331					



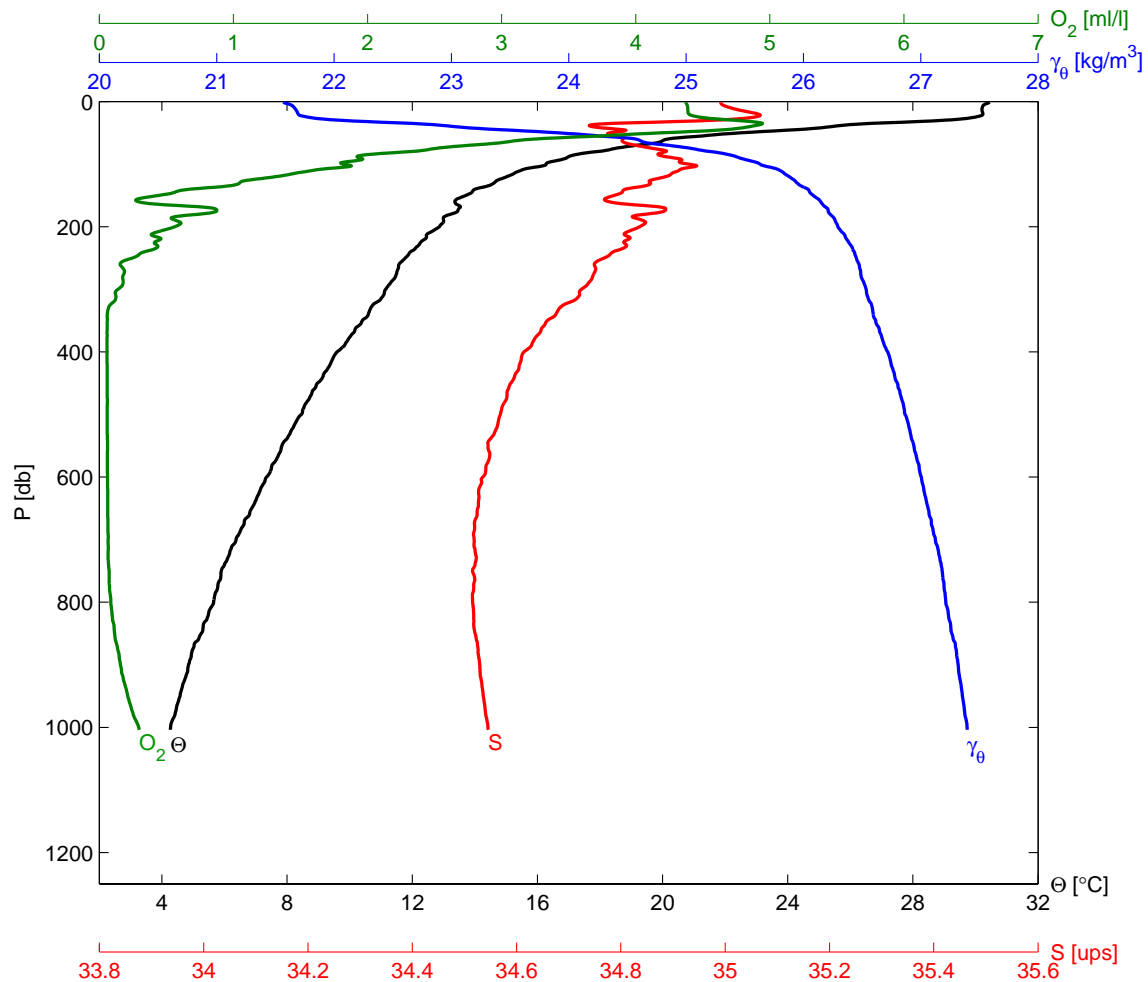
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
A03	50	23 38.2	109 16.9	10	8	2004	2114		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2127.0	30.8	35.03	77.5	29.4	1.6	123	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.644	35.030	21.530	4.226	160.0	13.708	34.853	26.135	0.753
5.0	30.358	35.014	21.617	4.355	180.0	13.330	34.879	26.233	0.806
10.0	29.741	34.963	21.789	4.432	200.0	12.881	34.824	26.281	0.424
20.0	29.296	34.951	21.930	4.535	300.0	11.214	34.702	26.505	0.062
30.0	26.172	34.608	22.686	4.988	400.0	9.599	34.621	26.724	0.058
40.0	23.385	34.396	23.366	5.220	500.0	8.297	34.564	26.887	0.060
50.0	19.776	34.122	24.152	5.294	600.0	6.806	34.522	27.069	0.063
60.0	18.820	34.304	24.536	4.667	700.0	5.874	34.516	27.186	0.078
80.0	17.151	34.834	25.352	1.826	800.0	5.195	34.523	27.275	0.106
100.0	16.026	34.815	25.600	1.253	900.0	4.698	34.526	27.334	0.200
120.0	15.477	34.965	25.840	1.742	1000.0	4.294	34.545	27.393	0.285
140.0	14.348	34.883	26.024	1.056	1004.0	4.286	34.545	27.394	0.286



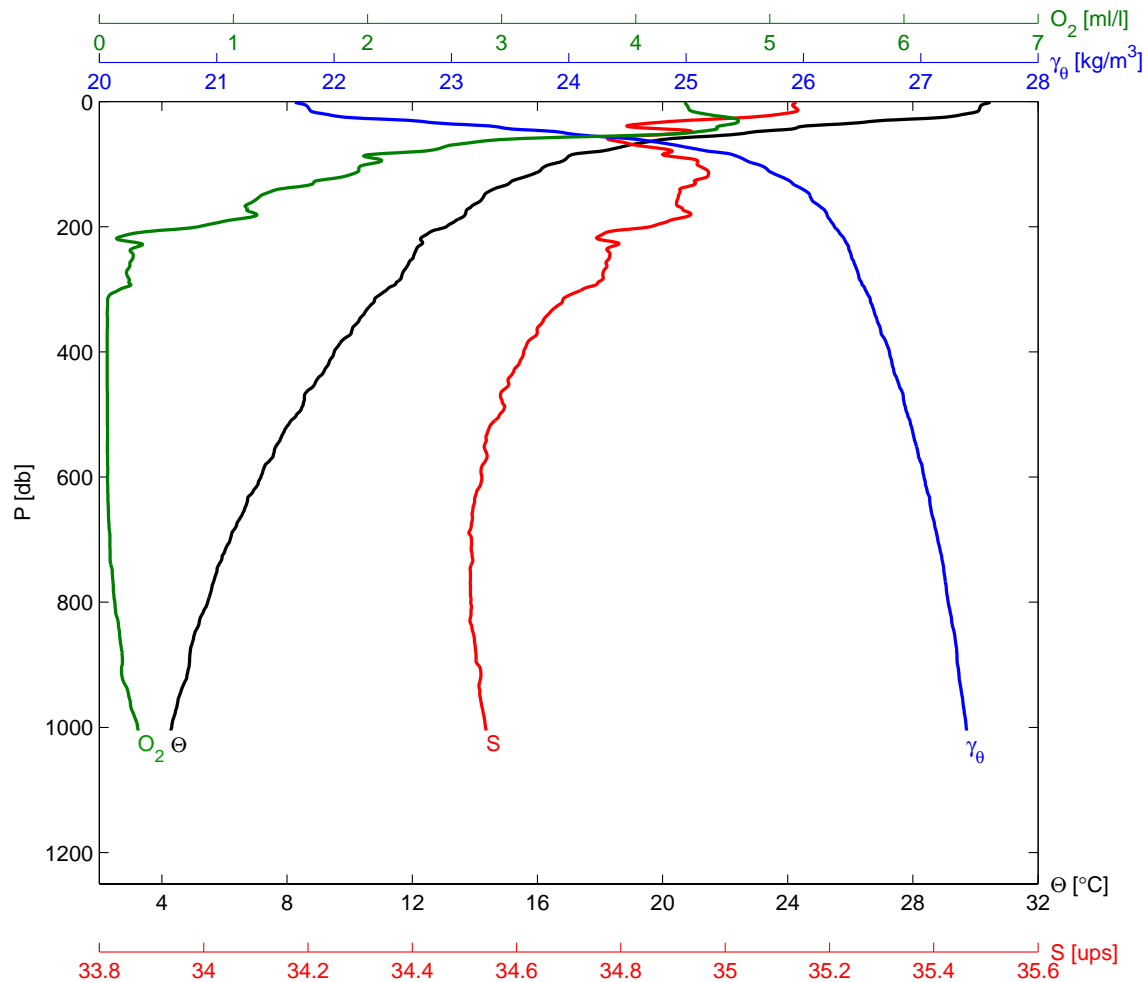
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
A04	51	23 41.6	109 12.0	10	8	2004	2257		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2463.0	31.0	35.01	72.8	29.6	1.1	17	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.706	35.000	21.486	4.366	160.0	13.393	34.849	26.197	0.687
5.0	30.373	34.995	21.597	4.364	180.0	13.030	34.834	26.259	0.576
10.0	30.290	35.005	21.633	4.367	200.0	12.689	34.839	26.331	0.597
20.0	30.218	35.036	21.681	4.389	300.0	11.148	34.718	26.530	0.085
30.0	28.949	34.974	22.064	4.664	400.0	9.772	34.627	26.700	0.058
40.0	24.885	34.655	23.117	4.936	500.0	8.285	34.565	26.889	0.060
50.0	21.887	34.626	23.966	4.223	600.0	7.138	34.532	27.031	0.062
60.0	20.305	34.657	24.421	3.196	700.0	6.155	34.521	27.154	0.065
80.0	17.082	34.719	25.280	1.237	800.0	5.385	34.523	27.252	0.096
100.0	15.805	34.829	25.661	1.197	900.0	4.812	34.525	27.320	0.173
120.0	14.588	34.839	25.938	0.980	1000.0	4.283	34.542	27.392	0.287
140.0	14.013	34.877	26.090	1.012	1007.0	4.258	34.544	27.396	0.298



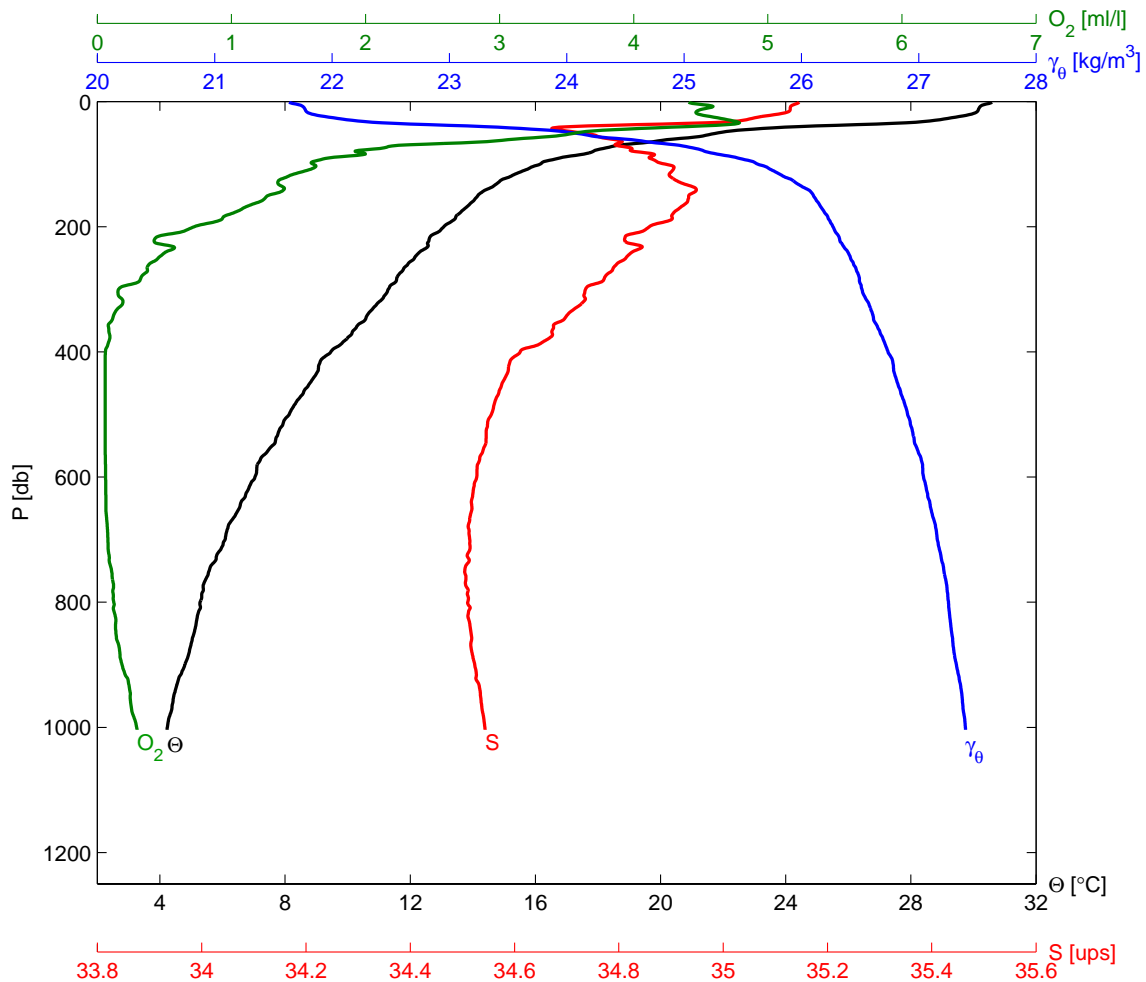
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
A05	52	23 45.2	109 7.0	11	8	2004	0031		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2480.0	30.5	34.99	73.4	30.3	0.5	170	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.429	34.992	21.575	4.375	160.0	13.363	34.776	26.147	0.289
5.0	30.276	34.994	21.630	4.382	180.0	13.230	34.847	26.229	0.744
10.0	30.216	35.010	21.663	4.388	200.0	12.866	34.836	26.294	0.564
20.0	30.240	35.064	21.695	4.396	300.0	11.152	34.725	26.534	0.140
30.0	28.972	34.977	22.058	4.741	400.0	9.599	34.614	26.719	0.058
40.0	25.408	34.743	23.024	4.853	500.0	8.455	34.569	26.867	0.059
50.0	22.516	34.778	23.905	4.196	600.0	7.343	34.535	27.005	0.061
60.0	20.155	34.804	24.573	3.241	700.0	6.370	34.519	27.125	0.065
80.0	17.905	34.888	25.211	2.319	800.0	5.654	34.516	27.214	0.086
100.0	16.281	34.930	25.630	1.822	900.0	4.851	34.529	27.319	0.158
120.0	15.024	34.886	25.880	1.317	1000.0	4.277	34.545	27.395	0.294
140.0	14.010	34.809	26.038	0.682	1004.0	4.271	34.546	27.396	0.297



ESTACION A06	LANCE 53	LATITUD 23 48.8	LONGITUD 109 1.9	DD MM 11 8	AA 2004	H[UT] 0002			
PROFTOT [m] 8.0	TEMSUP [°C] 30.8	SALSUP [ups] 35.14	TEBUHU [°C] 77.5	TEBUSE [°C] 29.4	V-MAG [m/s] 1.5	DIR [AZM] 172	NUBES [1/8] 9	BAROM [bar] 1012.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m <sup>3</sup> ]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m <sup>3</sup> ]	O <sub>2</sub> [ml/l]
2.0	30.441	35.135	21.679	4.368	160.0	14.148	34.907	26.085	1.146
5.0	30.218	35.129	21.751	4.379	180.0	13.698	34.935	26.200	1.172
10.0	30.140	35.135	21.782	4.393	200.0	13.092	34.857	26.264	0.739
20.0	29.663	35.107	21.923	4.521	300.0	11.202	34.727	26.526	0.154
30.0	27.118	34.930	22.629	4.765	400.0	9.511	34.614	26.733	0.059
40.0	24.416	34.811	23.376	4.610	500.0	8.305	34.568	26.889	0.060
50.0	22.713	34.926	23.962	4.396	600.0	7.167	34.533	27.028	0.062
60.0	20.125	34.774	24.558	3.063	700.0	6.179	34.514	27.146	0.079
80.0	17.908	34.899	25.218	2.373	800.0	5.463	34.512	27.234	0.115
100.0	16.449	34.946	25.603	2.005	900.0	4.874	34.526	27.314	0.171
120.0	15.622	34.967	25.809	1.821	1000.0	4.312	34.541	27.388	0.285
140.0	14.600	34.913	25.993	1.340	1005.0	4.288	34.542	27.391	0.289

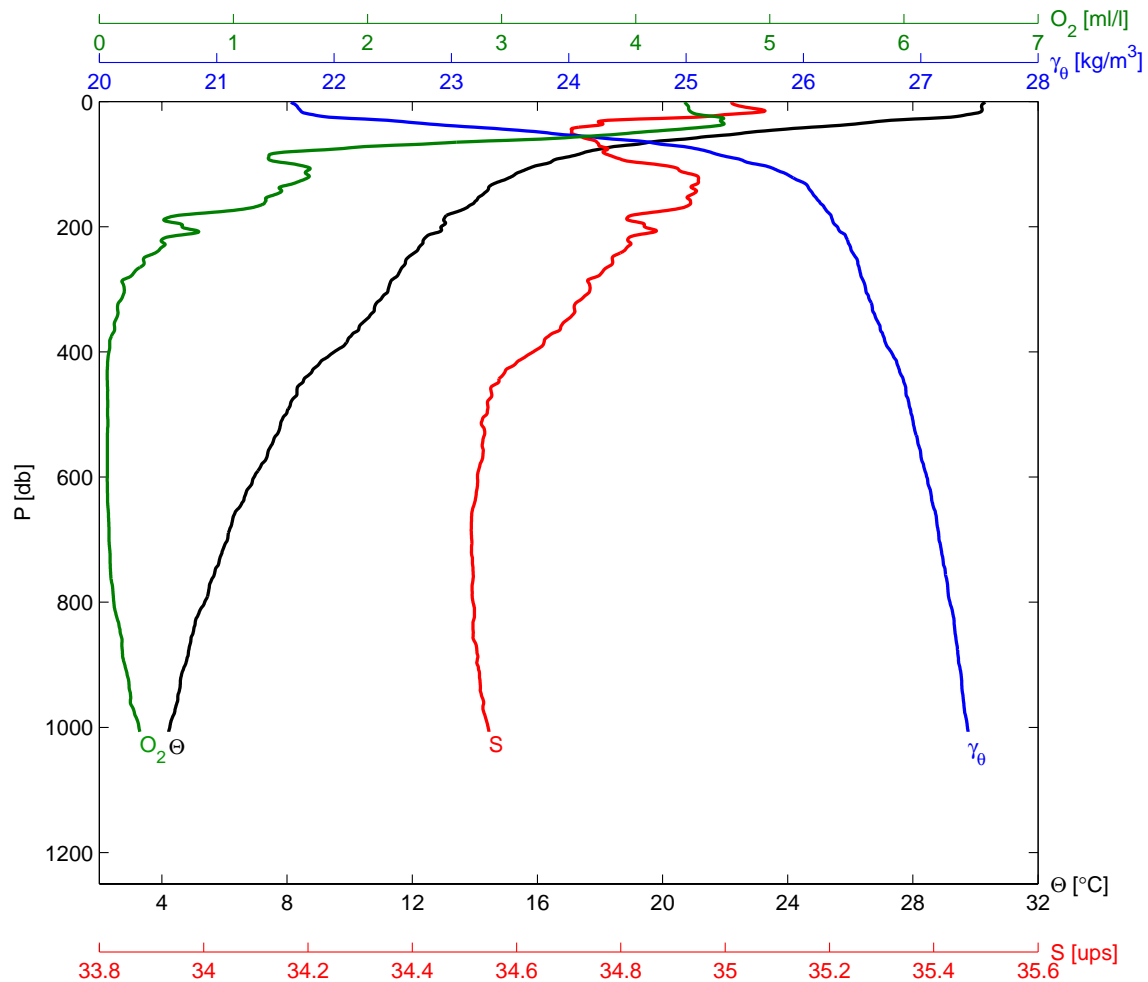


ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
A07	54	23 52.3	108 57.0	11	8	2004	0341		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2529.0	30.6	35.15	74.8	29.4	0.6	150	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.569	35.145	21.642	4.417	160.0	13.995	34.932	26.136	1.213
5.0	30.332	35.135	21.716	4.514	180.0	13.535	34.903	26.210	0.988
10.0	30.183	35.129	21.762	4.561	200.0	13.075	34.859	26.269	0.723
20.0	29.940	35.106	21.829	4.480	300.0	11.300	34.736	26.516	0.159
30.0	28.775	35.039	22.171	4.721	400.0	9.462	34.611	26.739	0.060
40.0	24.422	34.705	23.294	4.400	500.0	8.130	34.556	26.906	0.059
50.0	21.853	34.728	24.054	3.574	600.0	7.039	34.528	27.041	0.061
60.0	20.405	34.785	24.491	3.116	700.0	6.081	34.514	27.159	0.079
80.0	17.836	34.831	25.184	1.924	800.0	5.285	34.510	27.254	0.123
100.0	16.155	34.889	25.628	1.609	900.0	4.794	34.524	27.321	0.184
120.0	15.194	34.899	25.852	1.418	1000.0	4.238	34.543	27.398	0.293
140.0	14.466	34.949	26.049	1.394	1004.0	4.228	34.543	27.399	0.296

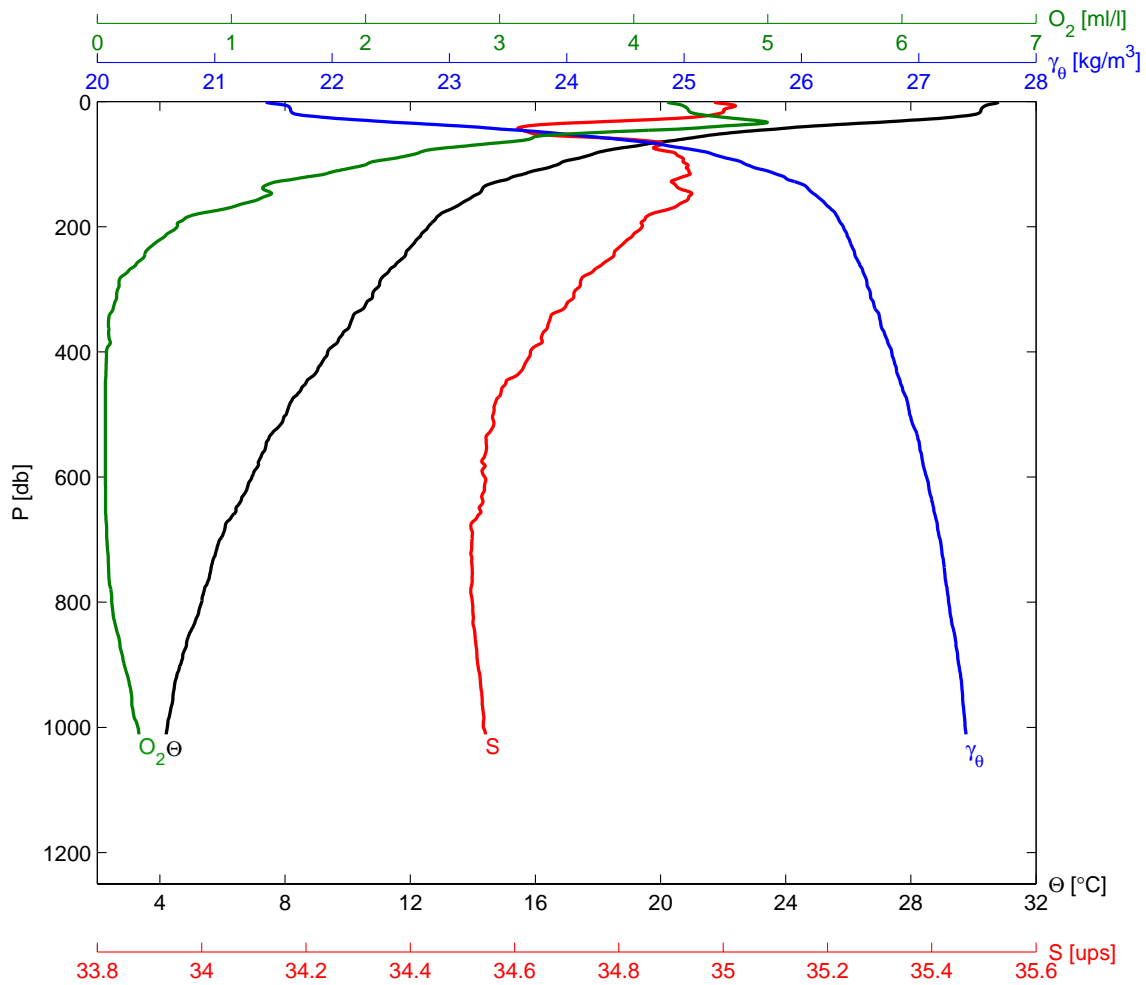




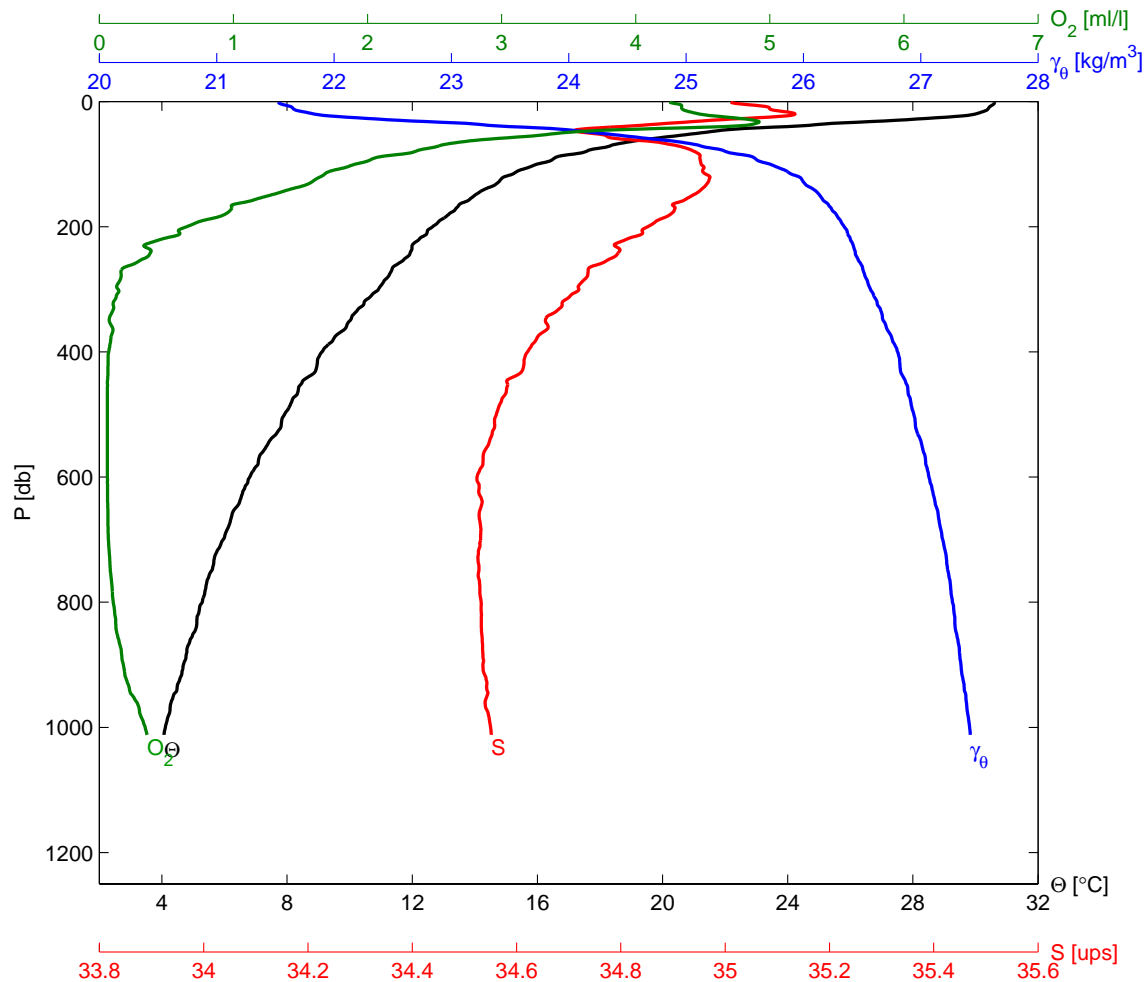
ESTACION A08	LANCE 55	LATITUD 23 55.7	LONGITUD 108 52.1	DD MM 11 8	AA 2004	H[UT] 0516			
PROFTOT [m] 3533.0	TEMSUP [°C] 30.5	SALSUP [ups] 35.03	TEBUHU [°C] 78.0	TEBUSE [°C] 29.3	V-MAG [m/s] 0.9	DIR [AZM] 240	NUBES [1/8] 9	BAROM [bar] 1013.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	30.287	35.013	21.640	4.369	160.0	14.002	34.934	26.136	1.237
5.0	30.208	35.018	21.671	4.382	180.0	13.179	34.832	26.228	0.676
10.0	30.202	35.047	21.694	4.395	200.0	12.923	34.845	26.289	0.616
20.0	29.851	35.014	21.790	4.449	300.0	11.234	34.741	26.532	0.186
30.0	27.300	34.772	22.452	4.632	400.0	9.510	34.632	26.747	0.072
40.0	25.093	34.731	23.112	4.552	500.0	7.959	34.543	26.921	0.061
50.0	22.638	34.705	23.815	3.980	600.0	6.947	34.525	27.052	0.060
60.0	20.709	34.737	24.374	3.295	700.0	6.097	34.514	27.156	0.073
80.0	17.595	34.766	25.193	1.436	800.0	5.366	34.517	27.249	0.108
100.0	16.203	34.864	25.598	1.456	900.0	4.748	34.525	27.327	0.190
120.0	15.177	34.948	25.894	1.565	1000.0	4.252	34.545	27.398	0.295
140.0	14.432	34.941	26.051	1.349	1007.0	4.218	34.547	27.403	0.301



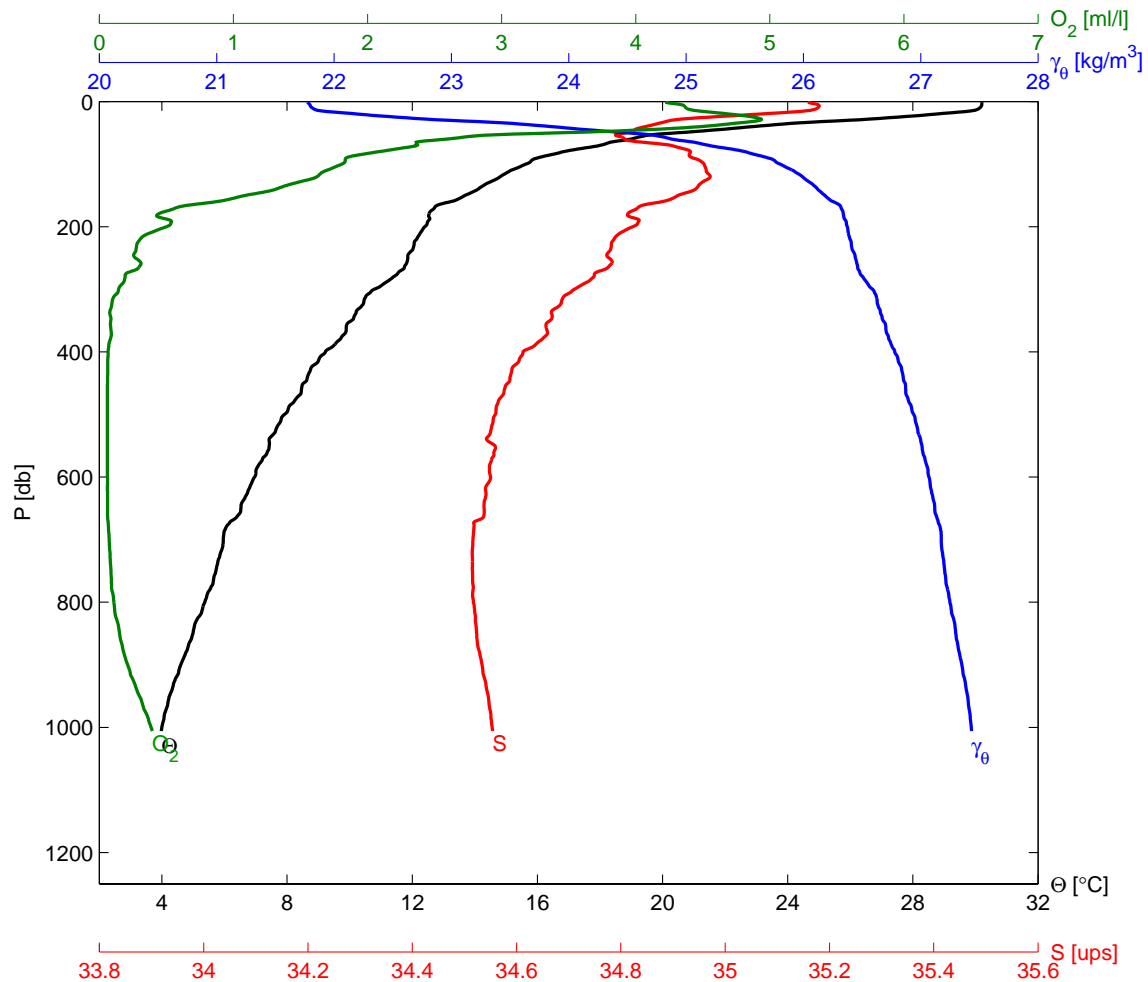
ESTACION A09	LANCE 56	LATITUD 23 59.2	LONGITUD 108 47.1	DD MM 11 8	AA 2004	H[UT] 0649			
PROFTOT [m] 3310.0	TEMSUP [°C] 30.9	SALSUP [ups] 35.02	TEBUHU [°C] 79.4	TEBUSE [°C] 29.0	V-MAG [m/s] 1.9	DIR [AZM] 231	NUBES [1/8] 9	BAROM [bar] 1012.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	30.777	34.985	21.450	4.262	160.0	13.722	34.926	26.189	1.148
5.0	30.483	35.018	21.576	4.346	180.0	12.962	34.861	26.293	0.738
10.0	30.280	35.012	21.642	4.395	200.0	12.578	34.845	26.357	0.595
20.0	30.095	34.988	21.687	4.475	300.0	10.889	34.719	26.577	0.153
30.0	27.972	34.831	22.279	4.899	400.0	9.365	34.630	26.770	0.068
40.0	24.617	34.617	23.169	4.607	500.0	8.034	34.559	26.923	0.060
50.0	22.248	34.629	23.868	3.683	600.0	6.939	34.543	27.067	0.060
60.0	20.730	34.812	24.426	3.225	700.0	5.914	34.519	27.183	0.071
80.0	18.100	34.897	25.170	2.420	800.0	5.335	34.519	27.255	0.108
100.0	16.746	34.931	25.522	2.010	900.0	4.659	34.530	27.341	0.201
120.0	15.288	34.924	25.850	1.575	1000.0	4.237	34.540	27.396	0.303
140.0	14.301	34.918	26.061	1.236	1011.0	4.201	34.544	27.403	0.310



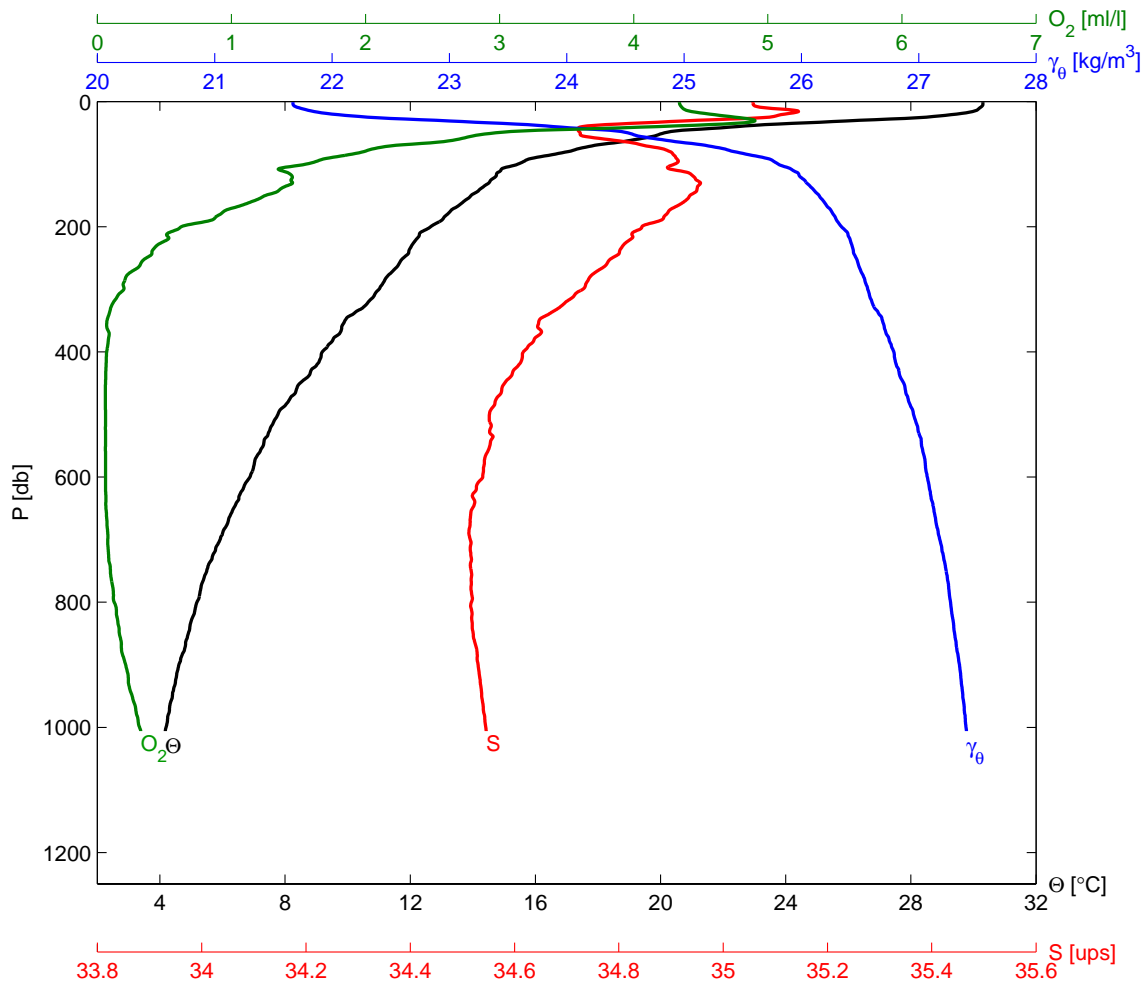
ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
A10	57		24	2.8	108 42.1		11	8	2004	0827
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
1693.0	30.6	35.00	81.9	29.0	2.4	242	9	1011.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.607	35.012	21.529	4.263	160.0	13.708	34.915	26.183	1.105	
5.0	30.563	35.043	21.568	4.334	180.0	13.169	34.895	26.278	0.938	
10.0	30.426	35.086	21.647	4.342	200.0	12.650	34.852	26.348	0.651	
20.0	29.991	35.135	21.833	4.477	300.0	10.923	34.720	26.572	0.140	
30.0	27.468	34.972	22.549	4.886	400.0	9.118	34.621	26.803	0.070	
40.0	23.997	34.801	23.494	4.661	500.0	7.919	34.561	26.941	0.060	
50.0	21.244	34.734	24.226	3.453	600.0	6.806	34.524	27.071	0.061	
60.0	19.579	34.800	24.721	2.913	700.0	5.958	34.531	27.188	0.068	
80.0	17.546	34.942	25.339	2.353	800.0	5.289	34.532	27.271	0.104	
100.0	15.989	34.954	25.716	1.909	900.0	4.687	34.535	27.343	0.180	
120.0	14.957	34.971	25.960	1.651	1000.0	4.110	34.550	27.417	0.342	
140.0	14.325	34.955	26.084	1.427	1012.0	4.068	34.551	27.422	0.355	



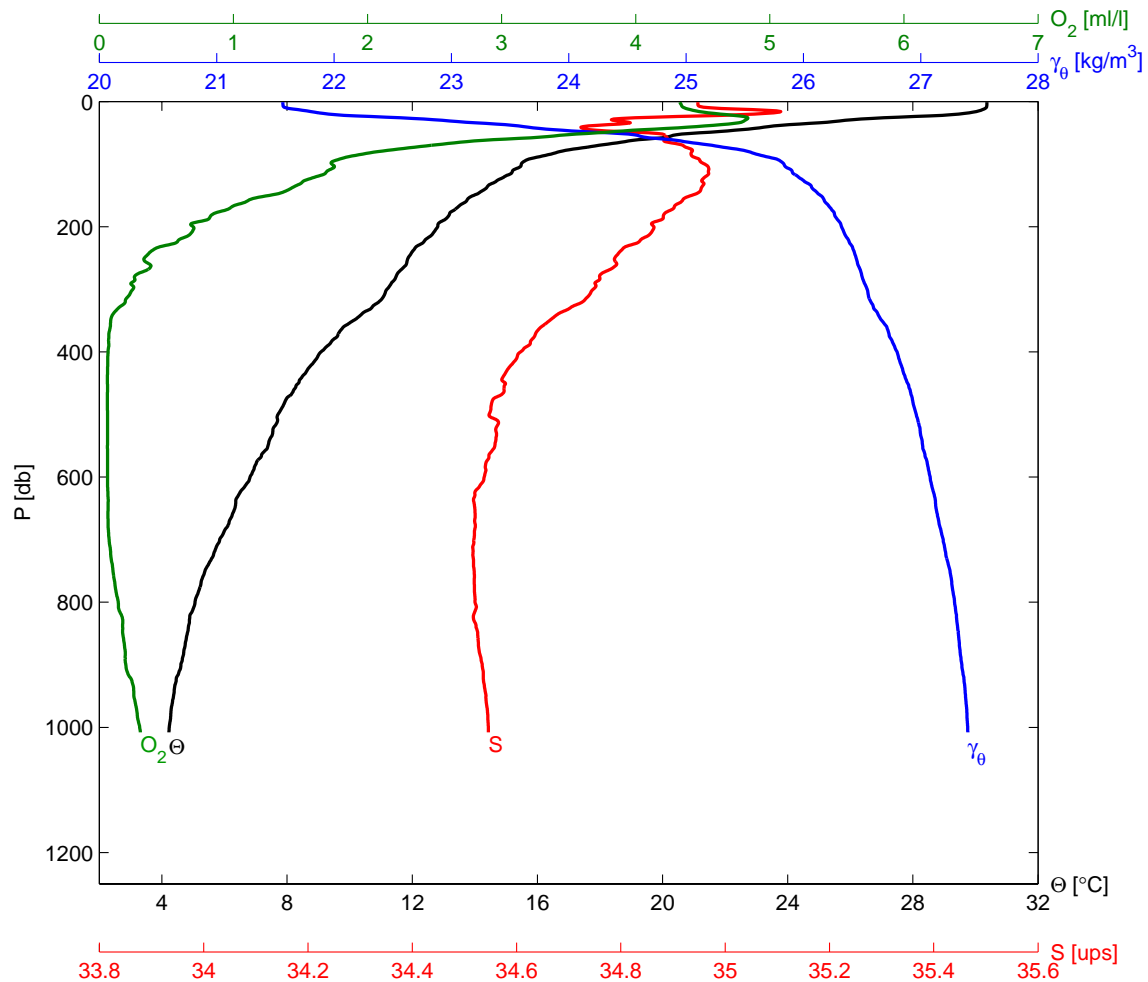
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
A11	58	24	6.5	108	37.2	11	8	2004	0010
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
6.0	30.2	34.89	80.2	28.9	2.0	9	1011	99.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.204	35.160	21.779	4.236	160.0	13.233	34.880	26.253	0.876
5.0	30.200	35.179	21.794	4.341	180.0	12.534	34.813	26.341	0.437
10.0	30.142	35.178	21.813	4.375	200.0	12.404	34.823	26.374	0.501
20.0	28.730	35.065	22.205	4.701	300.0	10.783	34.711	26.590	0.144
30.0	25.941	34.896	22.975	4.927	400.0	9.225	34.612	26.779	0.065
40.0	22.890	34.847	23.851	4.489	500.0	7.914	34.559	26.941	0.060
50.0	20.476	34.810	24.492	3.433	600.0	6.961	34.550	27.070	0.061
60.0	18.994	34.807	24.876	2.592	700.0	5.961	34.516	27.176	0.073
80.0	16.843	34.934	25.501	2.088	800.0	5.372	34.517	27.249	0.109
100.0	15.628	34.960	25.802	1.809	900.0	4.604	34.534	27.351	0.211
120.0	14.814	34.972	25.992	1.624	1000.0	3.998	34.553	27.431	0.386
140.0	14.107	34.943	26.121	1.318	1006.0	3.982	34.554	27.433	0.394



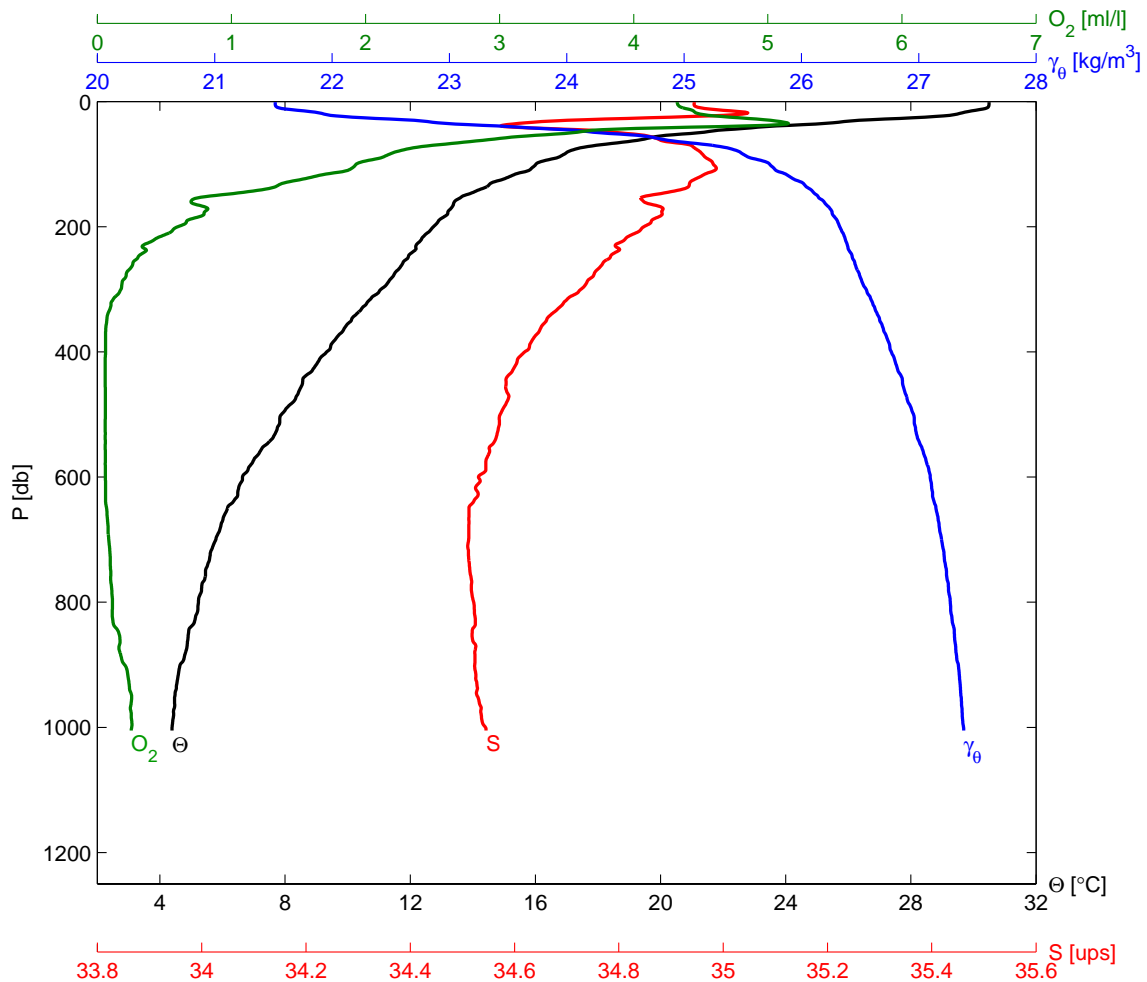
ESTACION A12	LANCE 59	LATITUD 24 10.2	LONGITUD 108 32.4	DD MM 11 8	AA 2004	H[UT] 1133			
PROFTOT [m] 1425.0	TEMSUP [°C] 30.3	SALSUP [ups] 35.06	TEBUHU [°C] 80.9	TEBUSE [°C] 29.0	V-MAG [m/s] 1.7	DIR [AZM] 258	NUBES [1/8] 9	BAROM [bar] 1011.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	30.303	35.057	21.668	4.341	160.0	13.705	34.925	26.192	1.151
5.0	30.300	35.058	21.669	4.344	180.0	13.189	34.891	26.271	0.917
10.0	30.202	35.080	21.719	4.362	200.0	12.653	34.844	26.342	0.626
20.0	29.464	35.118	21.999	4.566	300.0	11.004	34.731	26.566	0.198
30.0	26.359	34.950	22.885	4.903	400.0	9.192	34.617	26.788	0.070
40.0	22.451	34.729	23.886	4.181	500.0	7.771	34.552	26.956	0.061
50.0	20.130	34.726	24.520	2.972	600.0	6.876	34.539	27.073	0.061
60.0	19.286	34.773	24.775	2.699	700.0	5.923	34.515	27.179	0.078
80.0	17.049	34.898	25.426	1.988	800.0	5.183	34.517	27.271	0.126
100.0	15.439	34.907	25.804	1.556	900.0	4.606	34.530	27.347	0.211
120.0	14.728	34.944	25.989	1.454	1000.0	4.198	34.545	27.403	0.315
140.0	14.232	34.950	26.100	1.365	1006.0	4.172	34.546	27.407	0.323



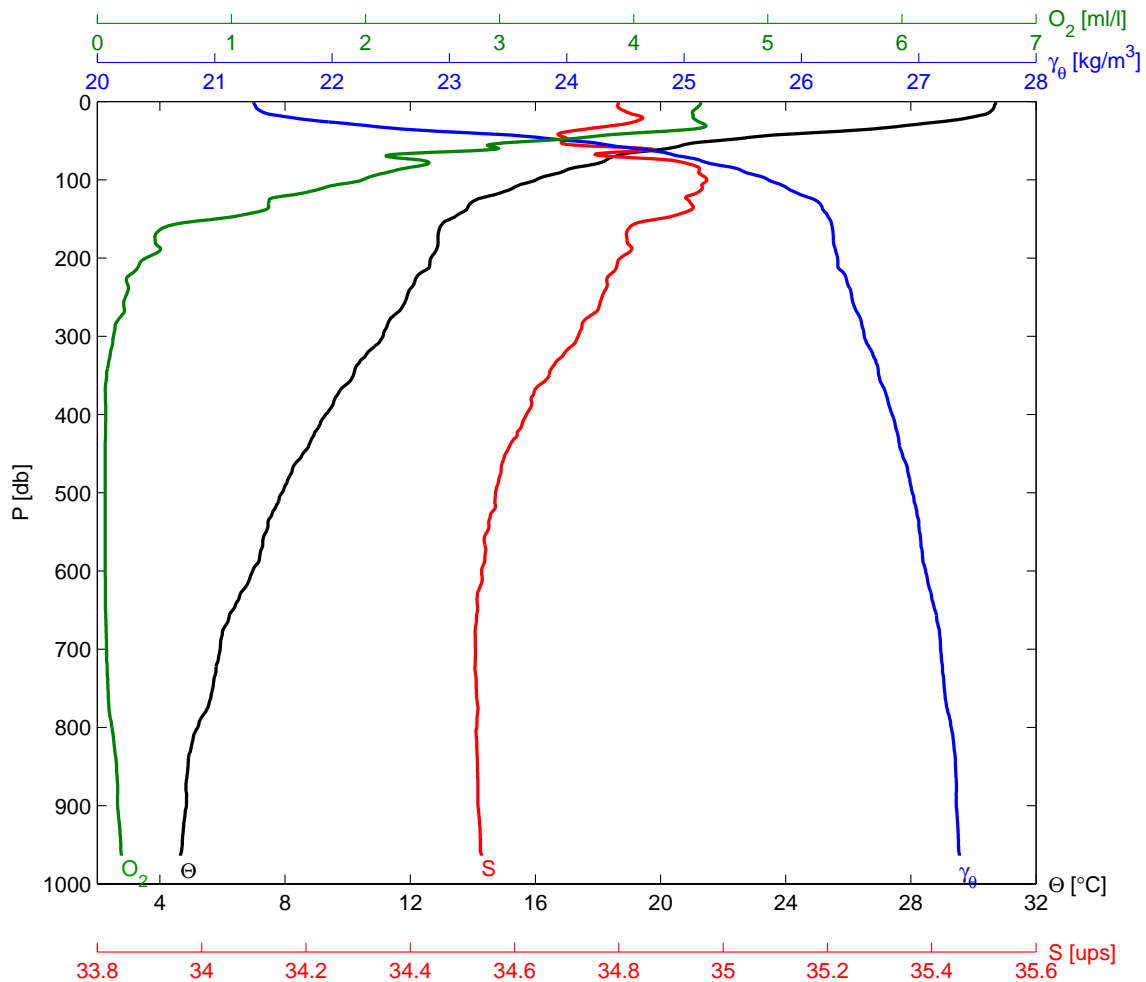
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
A13	60	24 13.7	108 27.7	11	8	2004	0013		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
0.0	30.4	34.95	81.0	29.1	0.8	51	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.365	34.948	21.564	4.331	160.0	13.716	34.916	26.183	1.096
5.0	30.364	34.948	21.565	4.339	180.0	13.187	34.883	26.265	0.846
10.0	30.337	34.969	21.590	4.362	200.0	12.812	34.863	26.325	0.700
20.0	29.461	35.057	21.954	4.631	300.0	11.194	34.747	26.544	0.250
30.0	25.840	34.784	22.922	4.814	400.0	9.085	34.608	26.798	0.065
40.0	23.390	34.726	23.614	4.455	500.0	7.707	34.547	26.962	0.061
50.0	21.195	34.855	24.332	3.716	600.0	6.815	34.538	27.080	0.061
60.0	19.483	34.888	24.813	3.030	700.0	5.847	34.518	27.191	0.073
80.0	16.716	34.936	25.534	2.078	800.0	5.058	34.520	27.288	0.141
100.0	15.487	34.961	25.835	1.734	900.0	4.607	34.534	27.351	0.198
120.0	14.948	34.962	25.955	1.618	1000.0	4.235	34.546	27.400	0.301
140.0	14.325	34.954	26.083	1.419	1008.0	4.227	34.546	27.401	0.306



ESTACION A14	LANCE 61	LATITUD 24 17.3	LONGITUD 108 22.7	DD MM 11 8	AA 2004	H[UT] 1436			
PROFTOT [m] 1197.0	TEMSUP [°C] 30.5	SALSUP [ups] 34.95	TEBUHU [°C] 74.9	TEBUSE [°C] 29.6	V-MAG [m/s] 1.5	DIR [AZM] 356	NUBES [1/8] 9	BAROM [bar] 1012.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	30.498	34.945	21.516	4.324	160.0	13.414	34.848	26.192	0.698
5.0	30.497	34.944	21.516	4.329	180.0	13.192	34.883	26.264	0.796
10.0	30.438	34.956	21.546	4.367	200.0	12.742	34.848	26.327	0.600
20.0	29.482	35.038	21.933	4.496	300.0	11.063	34.727	26.552	0.176
30.0	26.344	34.699	22.701	5.019	400.0	9.332	34.620	26.767	0.061
40.0	23.362	34.577	23.510	4.642	500.0	7.882	34.572	26.956	0.060
50.0	21.207	34.800	24.287	3.539	600.0	6.641	34.531	27.098	0.061
60.0	19.483	34.876	24.803	2.961	700.0	5.785	34.512	27.194	0.085
80.0	17.046	34.956	25.470	2.231	800.0	5.232	34.522	27.269	0.113
100.0	16.019	34.981	25.729	1.931	900.0	4.648	34.524	27.338	0.203
120.0	15.175	34.956	25.901	1.615	1000.0	4.389	34.544	27.383	0.256
140.0	14.255	34.923	26.074	1.255	1005.0	4.384	34.545	27.384	0.253

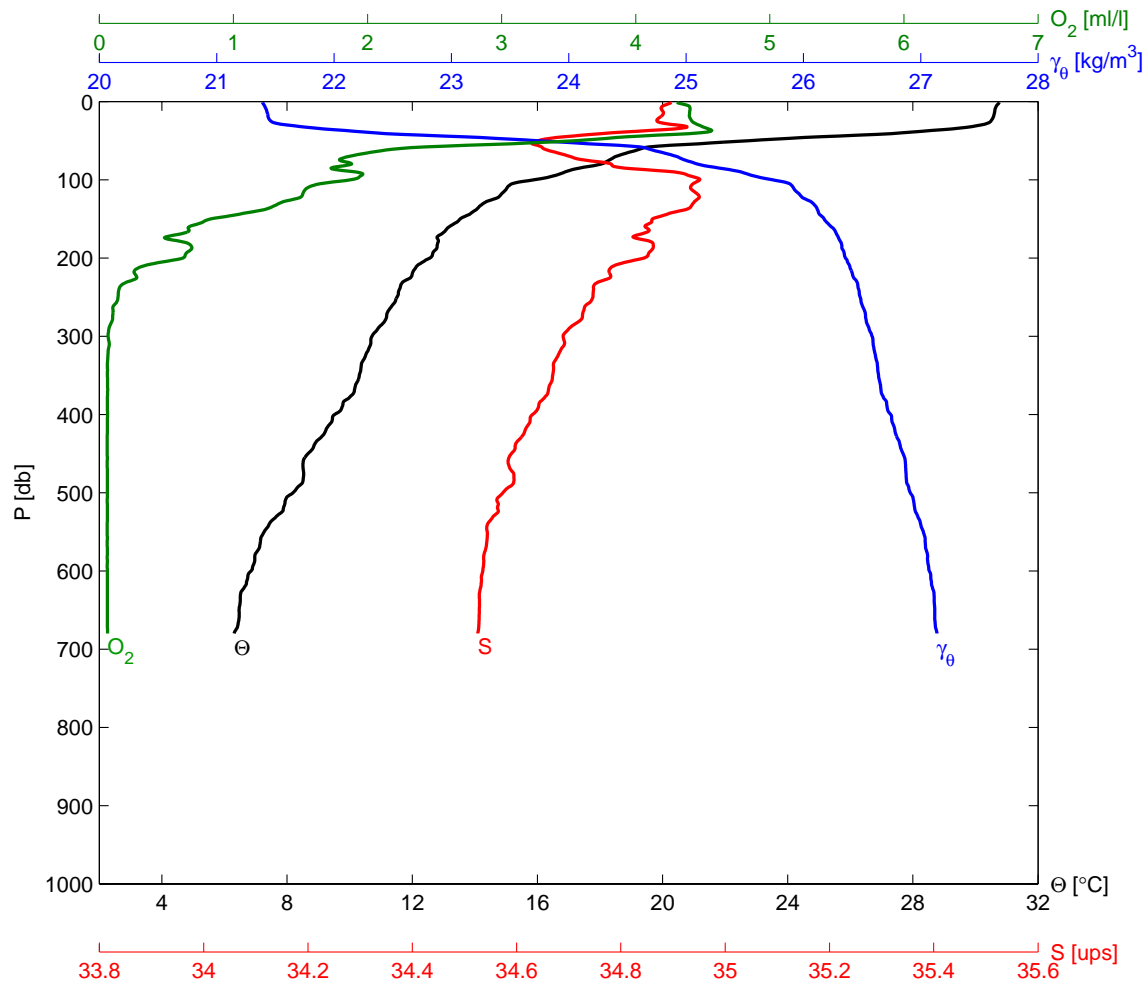


ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
A15	62	24 20.7	108 17.9	11	8	2004	1617		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
978.0	30.8	34.80	73.0	30.1	1.1	359	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.714	34.799	21.333	4.500	140.0	13.733	34.933	26.192	1.222
5.0	30.674	34.798	21.345	4.490	160.0	12.966	34.822	26.263	0.512
10.0	30.620	34.804	21.369	4.457	180.0	12.889	34.816	26.273	0.432
20.0	29.941	34.846	21.633	4.442	200.0	12.661	34.803	26.308	0.363
30.0	27.996	34.799	22.247	4.537	300.0	11.131	34.722	26.536	0.121
40.0	24.835	34.688	23.157	4.029	400.0	9.302	34.623	26.774	0.063
50.0	21.807	34.695	24.041	3.301	500.0	7.907	34.564	26.945	0.059
60.0	20.235	34.858	24.592	2.994	600.0	6.966	34.537	27.059	0.059
80.0	17.903	34.936	25.248	2.461	700.0	5.925	34.525	27.187	0.069
100.0	16.033	34.969	25.717	1.981	800.0	5.210	34.528	27.277	0.108
120.0	14.598	34.936	26.011	1.424	900.0	4.849	34.530	27.320	0.151
964.0	4.659	34.537	27.347	0.180					

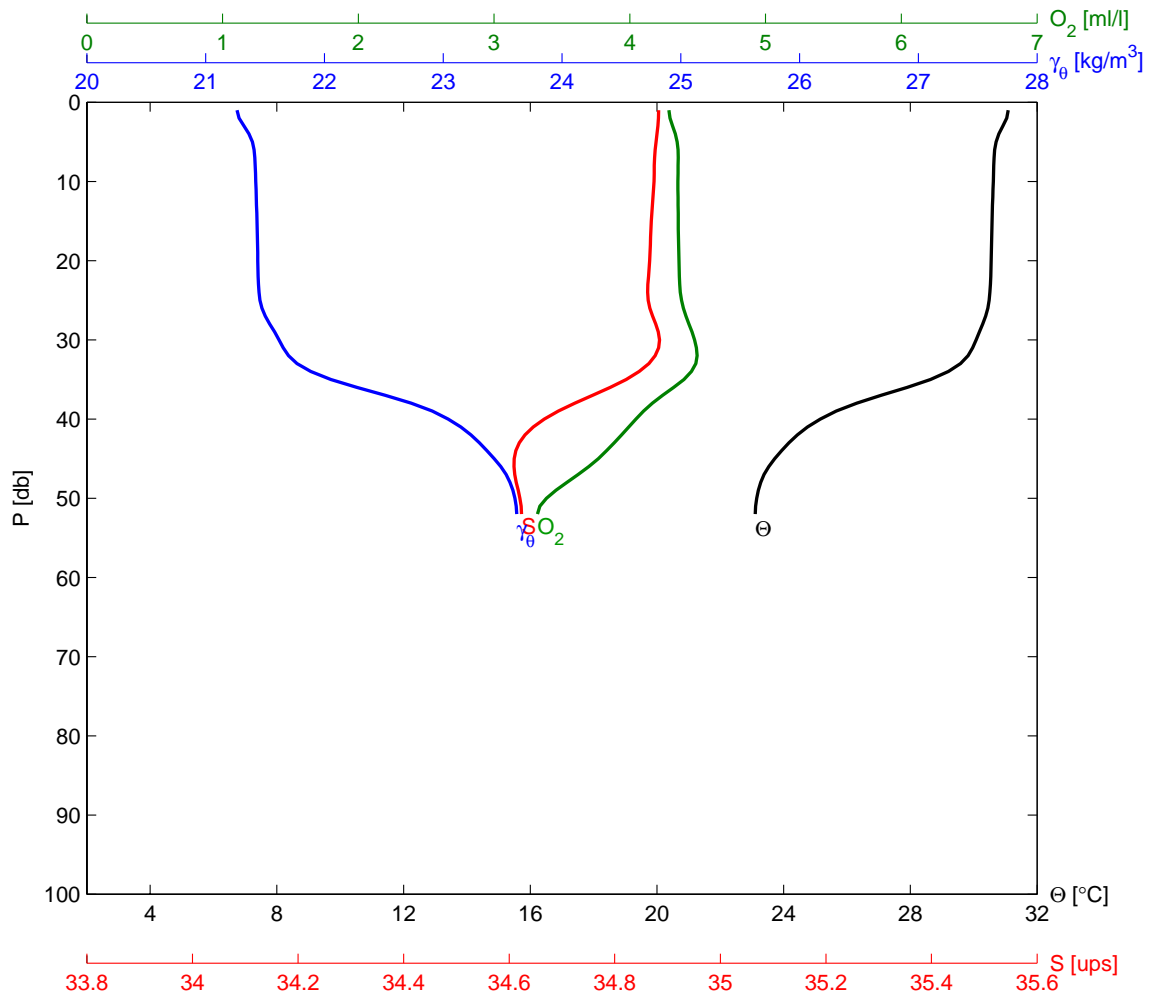




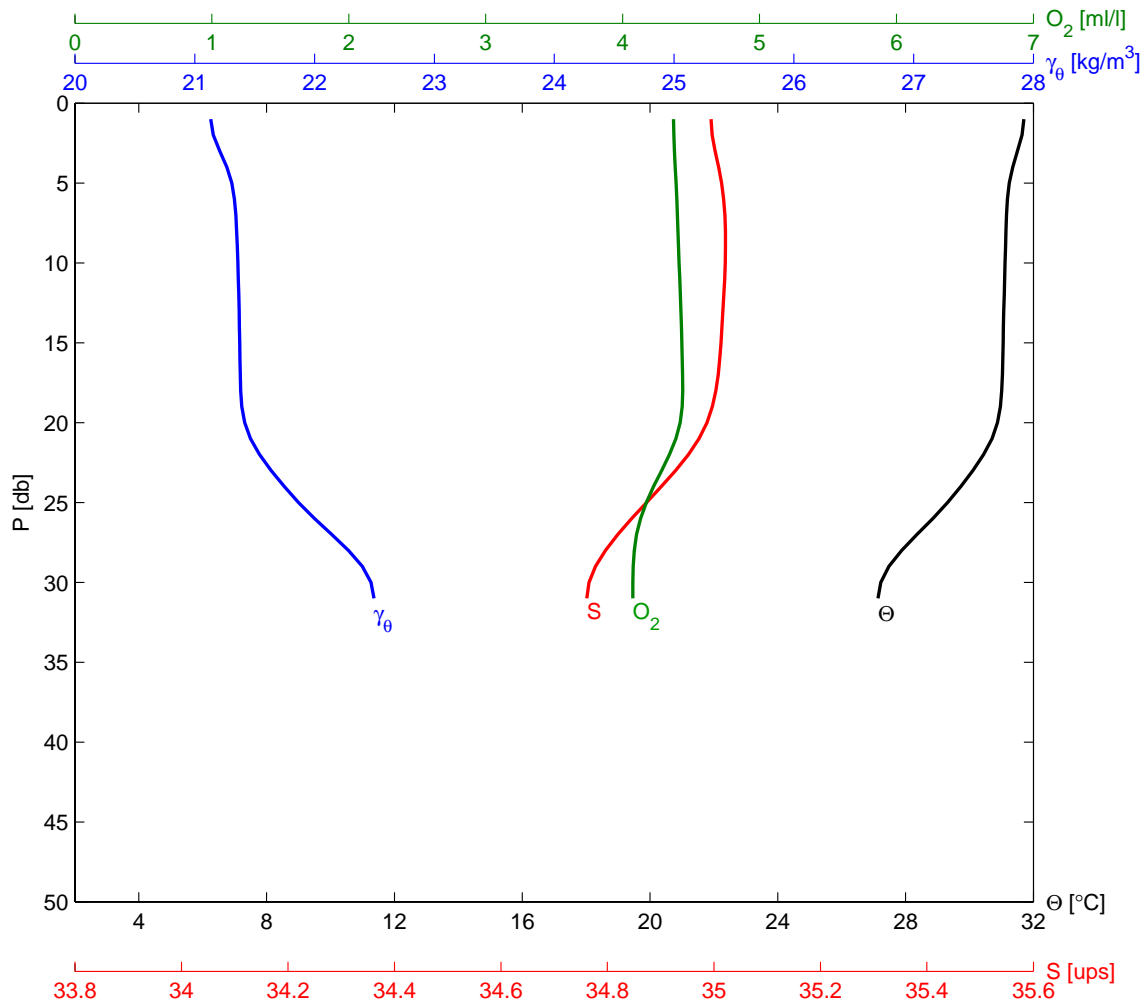
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
A16	63	24	24.2	108	12.9	11	8	2004	1813
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
678.0	30.8	34.89	76.3	30.0	1.1	306	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.749	34.896	21.393	4.317	120.0	14.813	34.950	25.975	1.513
5.0	30.680	34.882	21.406	4.388	140.0	13.974	34.912	26.125	1.175
10.0	30.626	34.878	21.422	4.405	160.0	13.185	34.846	26.237	0.671
20.0	30.569	34.875	21.440	4.402	180.0	12.827	34.860	26.320	0.639
30.0	30.177	34.907	21.599	4.469	200.0	12.567	34.845	26.359	0.623
40.0	27.666	34.782	22.341	4.482	300.0	10.713	34.689	26.585	0.065
50.0	22.755	34.641	23.734	3.549	400.0	9.520	34.631	26.745	0.061
60.0	19.328	34.651	24.672	2.244	500.0	8.191	34.574	26.911	0.060
80.0	18.032	34.782	25.099	1.881	600.0	6.850	34.535	27.074	0.060
100.0	15.910	34.952	25.732	1.878	680.0	6.310	34.526	27.138	0.062



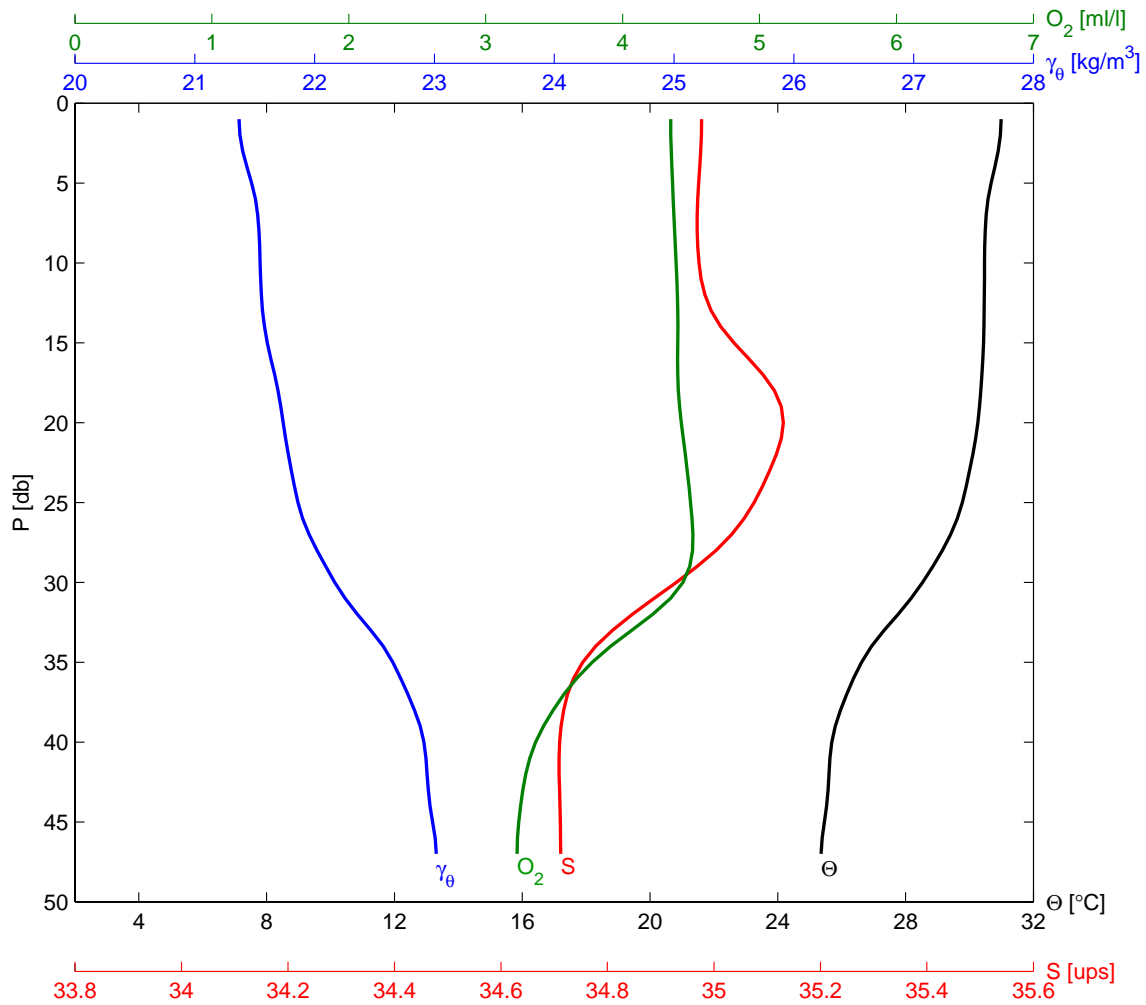
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
A17	64	24 27.8	108 7.9	11	8	2004	1942		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
55.0	31.0	34.88	77.6	30.2	1.3	288	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	31.040	34.883	21.282	4.296	30.0	30.074	34.886	21.618	4.477
5.0	30.707	34.878	21.394	4.349	40.0	25.155	34.665	23.043	4.045
10.0	30.617	34.874	21.423	4.355	50.0	23.150	34.621	23.604	3.386
20.0	30.549	34.866	21.440	4.362	52.0	23.104	34.624	23.620	3.319



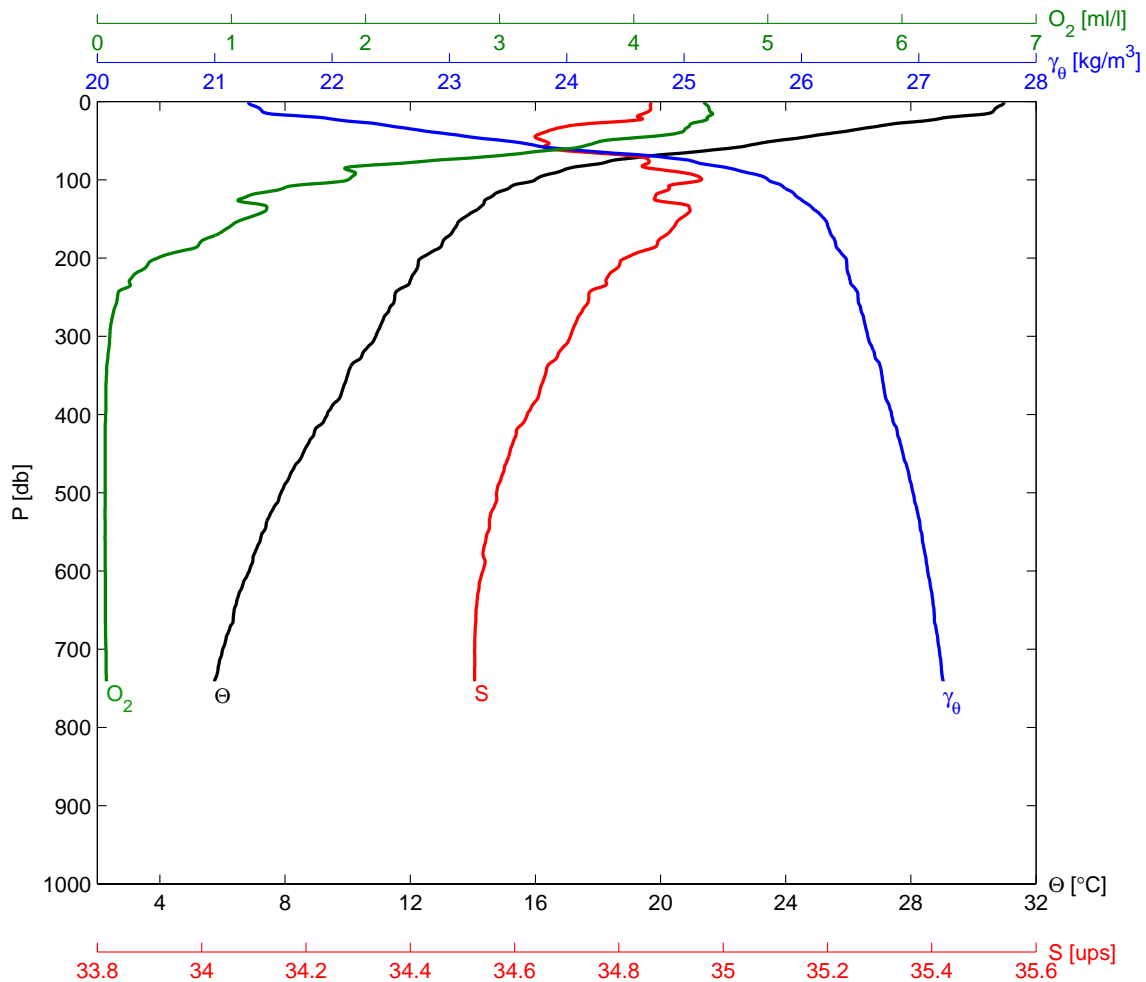
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
A18	65	24	31.3	108	3.0	11	8	2004	2044
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
37.0	32.0	35.02	74.2	31.0	1.9	260	9	1012.0	
PR	$\Theta$	SA	$\gamma$	$O_2$	PR	$\Theta$	SA	$\gamma$	$O_2$
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	31.641	34.996	21.156	4.374	20.0	30.877	34.988	21.417	4.420
5.0	31.247	35.015	21.309	4.390	30.0	27.221	34.763	22.471	4.075
10.0	31.113	35.021	21.360	4.412	31.0	27.133	34.759	22.496	4.074



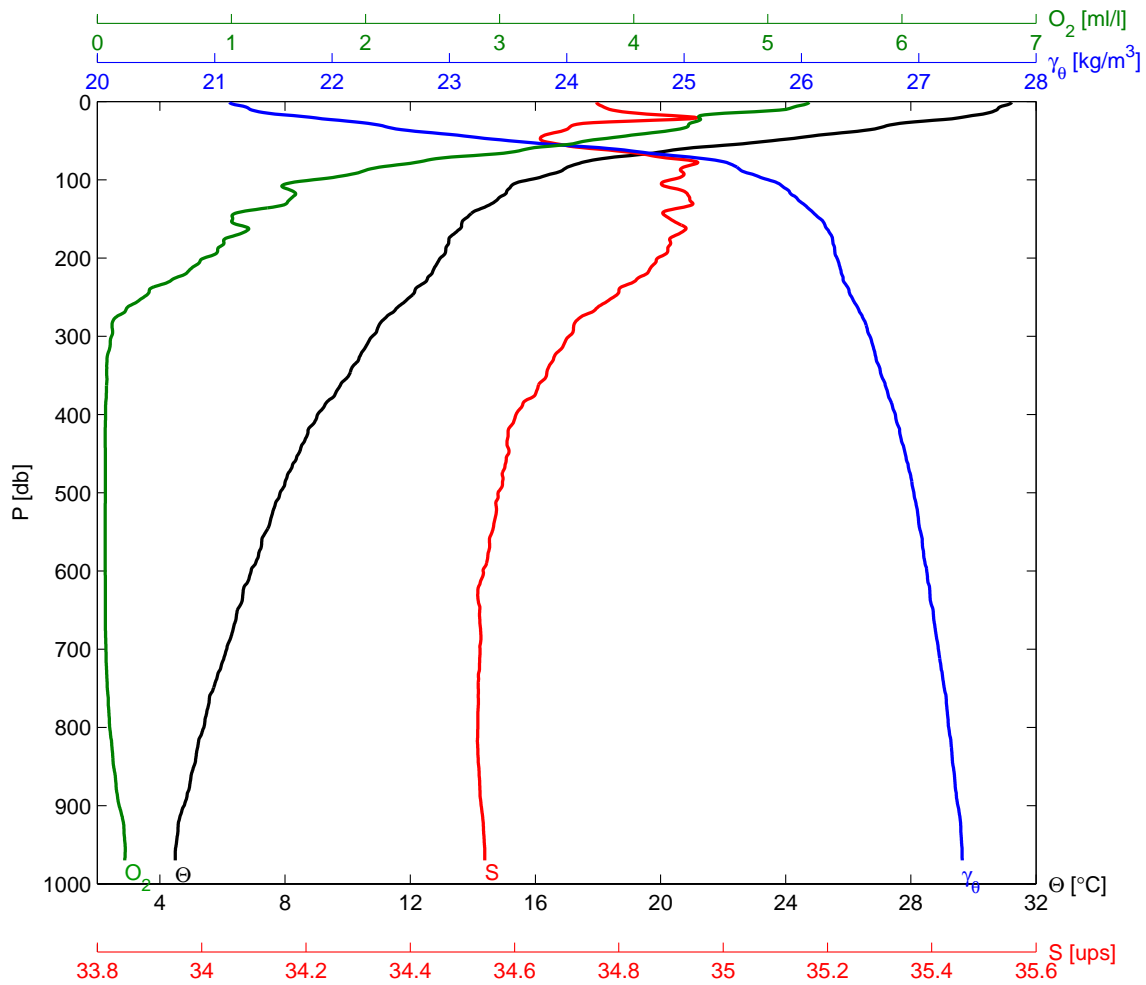
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
B18	66	24 48.0	108 17.4	12	8	2004	0040		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
49.0	31.0	34.98	69.8	31.1	3.4	190	9	1011.0	
PR	$\Theta$	SA	$\gamma$	$O_2$	PR	$\Theta$	SA	$\gamma$	$O_2$
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.967	34.977	21.378	4.352	20.0	30.262	35.132	21.738	4.429
5.0	30.676	34.971	21.475	4.364	30.0	28.532	34.930	22.169	4.441
10.0	30.471	34.972	21.546	4.391	40.0	25.688	34.710	22.913	3.365
47.0	25.356	34.712	23.017	3.229					



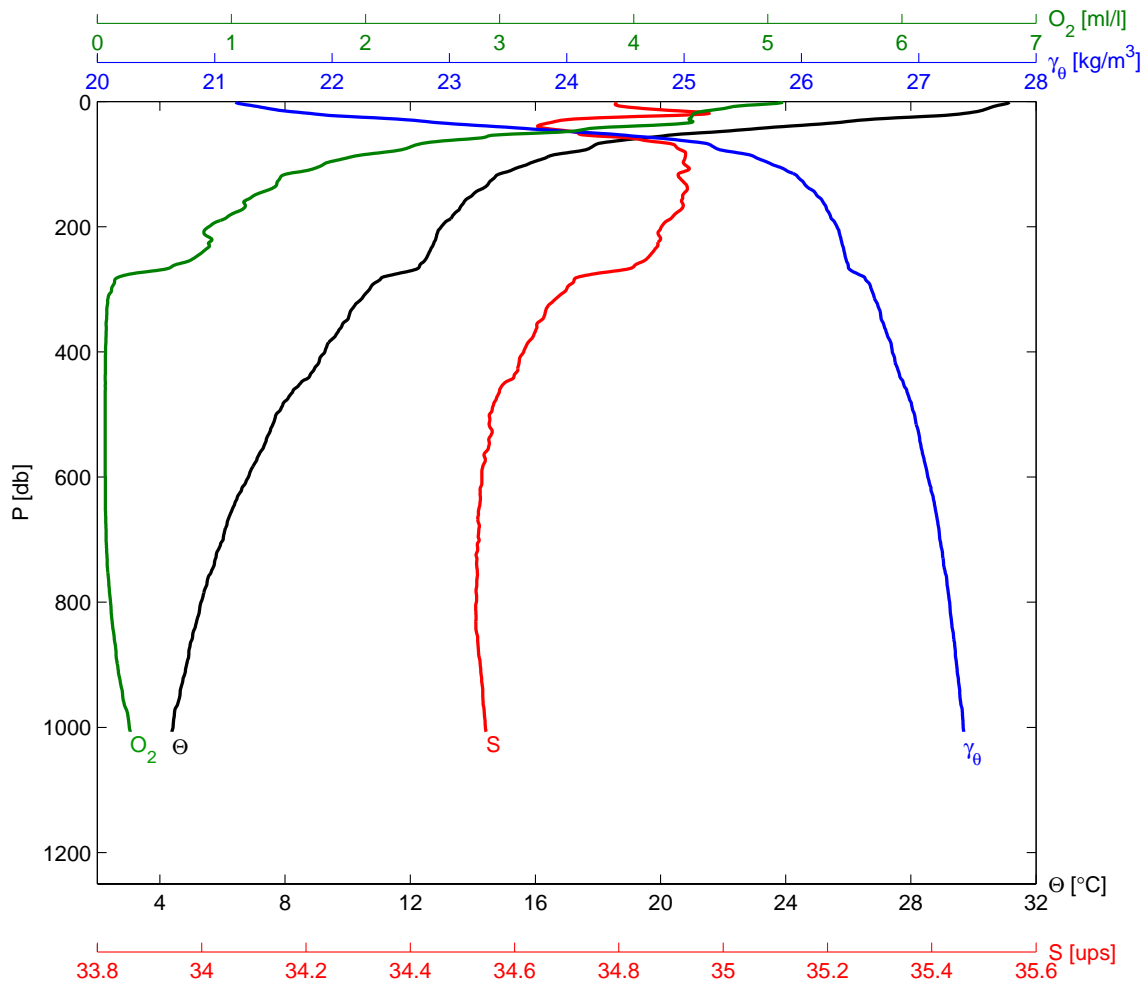
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
B17	67	24 44.6	108 22.0	12	8	2004	0149		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
746.0	31.0	34.86	72.8	30.5	2.5	217	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.972	34.861	21.290	4.527	120.0	14.650	34.871	25.949	1.133
5.0	30.873	34.861	21.324	4.549	140.0	14.056	34.937	26.127	1.252
10.0	30.677	34.861	21.392	4.563	160.0	13.462	34.906	26.227	0.988
20.0	29.206	34.838	21.875	4.548	180.0	13.036	34.874	26.289	0.767
30.0	27.191	34.715	22.444	4.418	200.0	12.345	34.813	26.378	0.449
40.0	25.559	34.655	22.911	4.340	300.0	10.901	34.707	26.566	0.093
50.0	23.707	34.655	23.469	3.777	400.0	9.346	34.624	26.768	0.062
60.0	22.129	34.662	23.926	3.531	500.0	7.874	34.565	26.952	0.058
80.0	17.964	34.852	25.169	2.171	600.0	6.856	34.539	27.076	0.059
100.0	15.998	34.959	25.717	1.872	700.0	6.010	34.524	27.175	0.064
741.0	5.746	34.524	27.208	0.068					



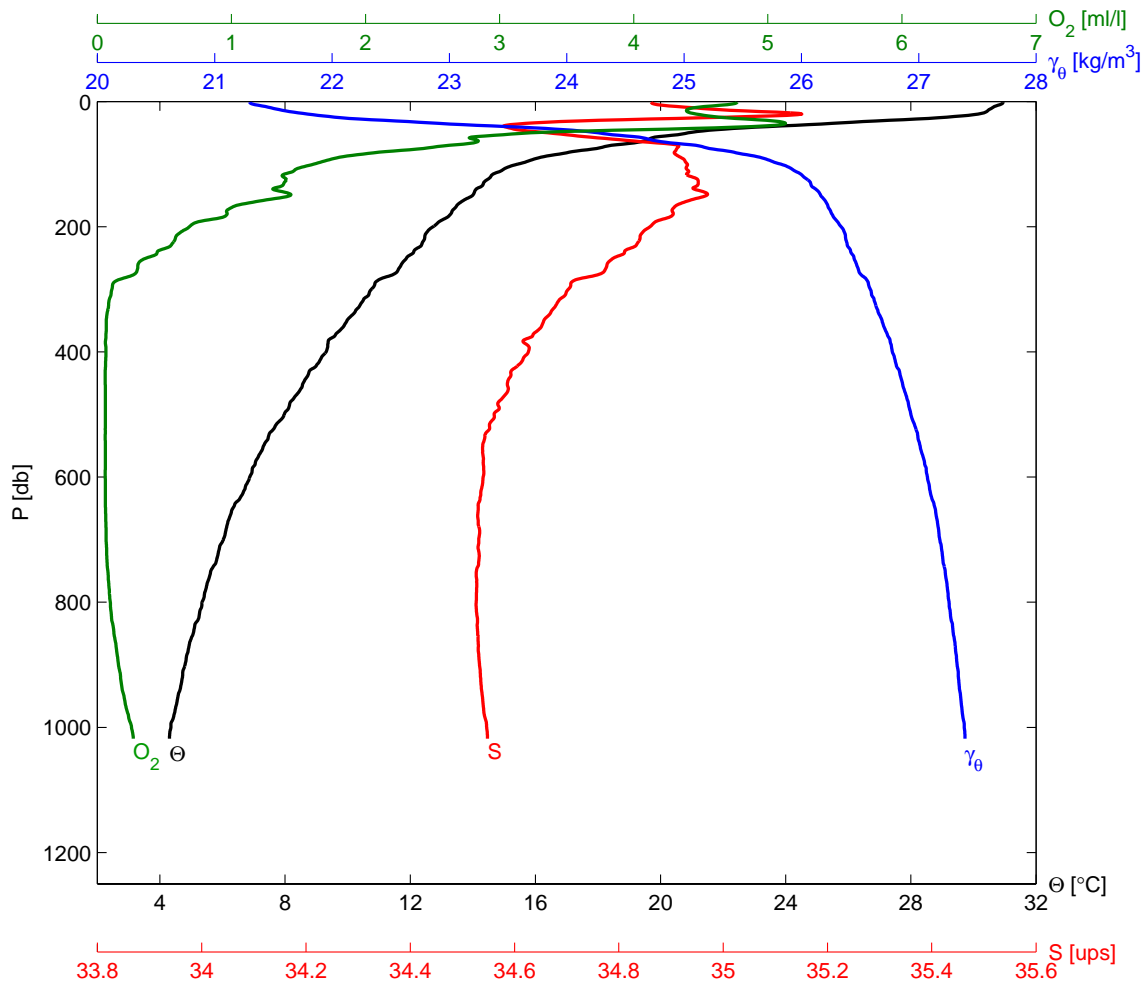
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
B16	68	24 41.1	108 27.1	12	8	2004	0330		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
997.0	31.2	34.76	74.0	30.4	2.8	182	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	31.203	34.758	21.131	5.303	140.0	14.065	34.889	26.088	1.103
5.0	30.999	34.765	21.208	5.244	160.0	13.639	34.926	26.206	1.105
10.0	30.766	34.782	21.301	5.135	180.0	13.230	34.899	26.269	0.944
20.0	29.652	34.949	21.809	4.484	200.0	12.962	34.874	26.304	0.796
30.0	27.329	34.713	22.398	4.409	300.0	10.790	34.704	26.584	0.106
40.0	25.795	34.675	22.854	4.135	400.0	9.040	34.603	26.801	0.062
50.0	23.560	34.652	23.509	3.654	500.0	7.840	34.568	26.959	0.060
60.0	20.804	34.746	24.355	3.221	600.0	6.915	34.540	27.068	0.059
80.0	17.318	34.946	25.398	2.288	700.0	6.134	34.534	27.167	0.064
100.0	15.810	34.900	25.715	1.616	800.0	5.403	34.530	27.255	0.092
120.0	14.965	34.933	25.929	1.471	900.0	4.773	34.536	27.334	0.163
970.0	4.489	34.543	27.370	0.204					



ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
B15	69		24 38.0		108 32.1		12	8	2004	0511
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
1184.0	31.2	34.80	72.7	30.3	2.3	212	9	1013.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	31.131	34.795	21.185	5.100	160.0	13.729	34.920	26.183	1.093	
5.0	30.899	34.793	21.264	4.923	180.0	13.398	34.907	26.241	1.001	
10.0	30.517	34.832	21.426	4.698	200.0	12.991	34.882	26.304	0.832	
20.0	29.537	34.968	21.861	4.445	300.0	10.698	34.700	26.596	0.107	
30.0	26.339	34.689	22.694	4.422	400.0	9.273	34.618	26.775	0.061	
40.0	23.910	34.644	23.400	3.913	500.0	7.716	34.552	26.964	0.059	
50.0	21.301	34.723	24.203	3.336	600.0	6.829	34.537	27.078	0.059	
60.0	19.090	34.837	24.875	2.759	700.0	6.020	34.532	27.181	0.065	
80.0	17.275	34.926	25.393	2.179	800.0	5.315	34.527	27.263	0.098	
100.0	15.762	34.925	25.745	1.689	900.0	4.852	34.534	27.323	0.150	
120.0	14.721	34.914	25.968	1.369	1000.0	4.419	34.544	27.379	0.238	
140.0	14.271	34.931	26.077	1.292	1007.0	4.389	34.545	27.383	0.245	

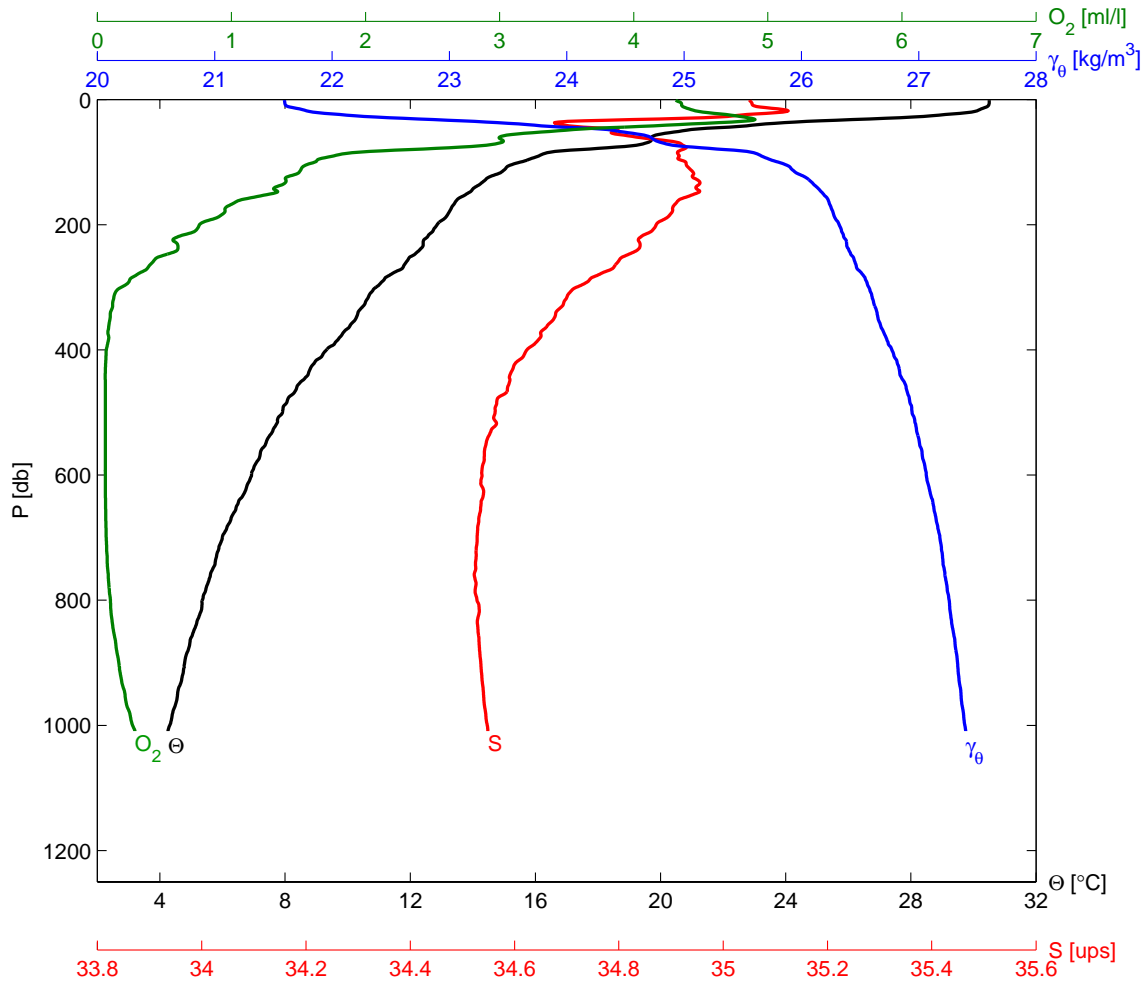


ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
B14	70	24	34.3	108	37.0	12	8	2004	0656
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1367.0	30.9	34.87	82.5	29.8	2.1	175	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.942	34.862	21.301	4.769	160.0	13.641	34.928	26.207	1.183
5.0	30.843	34.873	21.343	4.697	180.0	13.290	34.904	26.261	0.968
10.0	30.601	34.944	21.481	4.445	200.0	12.731	34.860	26.339	0.687
20.0	30.146	35.154	21.794	4.467	300.0	10.761	34.703	26.588	0.109
30.0	27.310	34.760	22.440	4.987	400.0	9.312	34.627	26.776	0.065
40.0	23.435	34.579	23.490	4.879	500.0	7.973	34.561	26.933	0.060
50.0	20.888	34.664	24.269	3.232	600.0	6.872	34.540	27.074	0.059
60.0	19.643	34.788	24.695	2.802	700.0	6.023	34.531	27.180	0.065
80.0	17.185	34.907	25.400	2.151	800.0	5.350	34.527	27.259	0.097
100.0	15.432	34.932	25.824	1.614	900.0	4.803	34.533	27.328	0.158
120.0	14.573	34.939	26.018	1.383	1000.0	4.351	34.547	27.388	0.255
140.0	14.106	34.944	26.122	1.308	1018.0	4.306	34.548	27.395	0.268

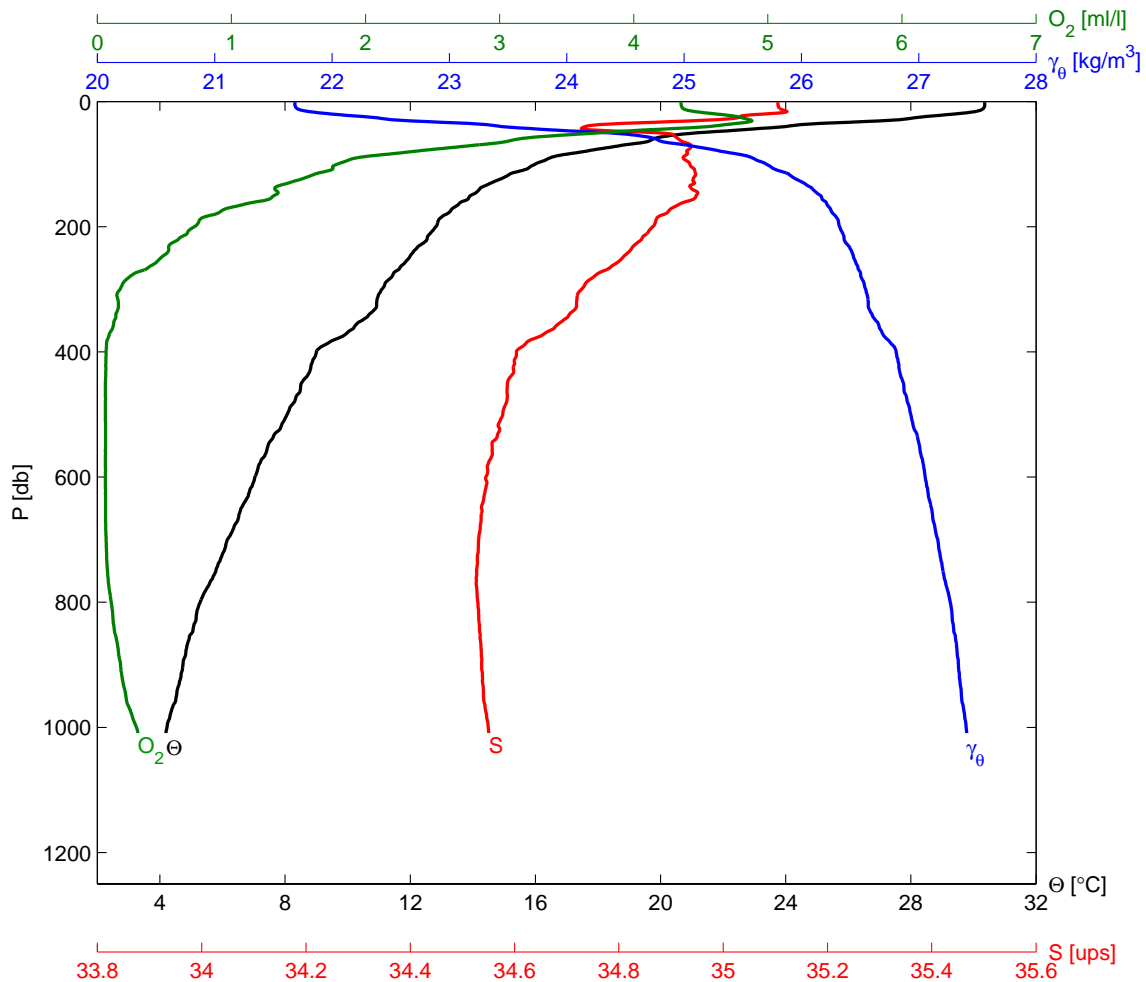




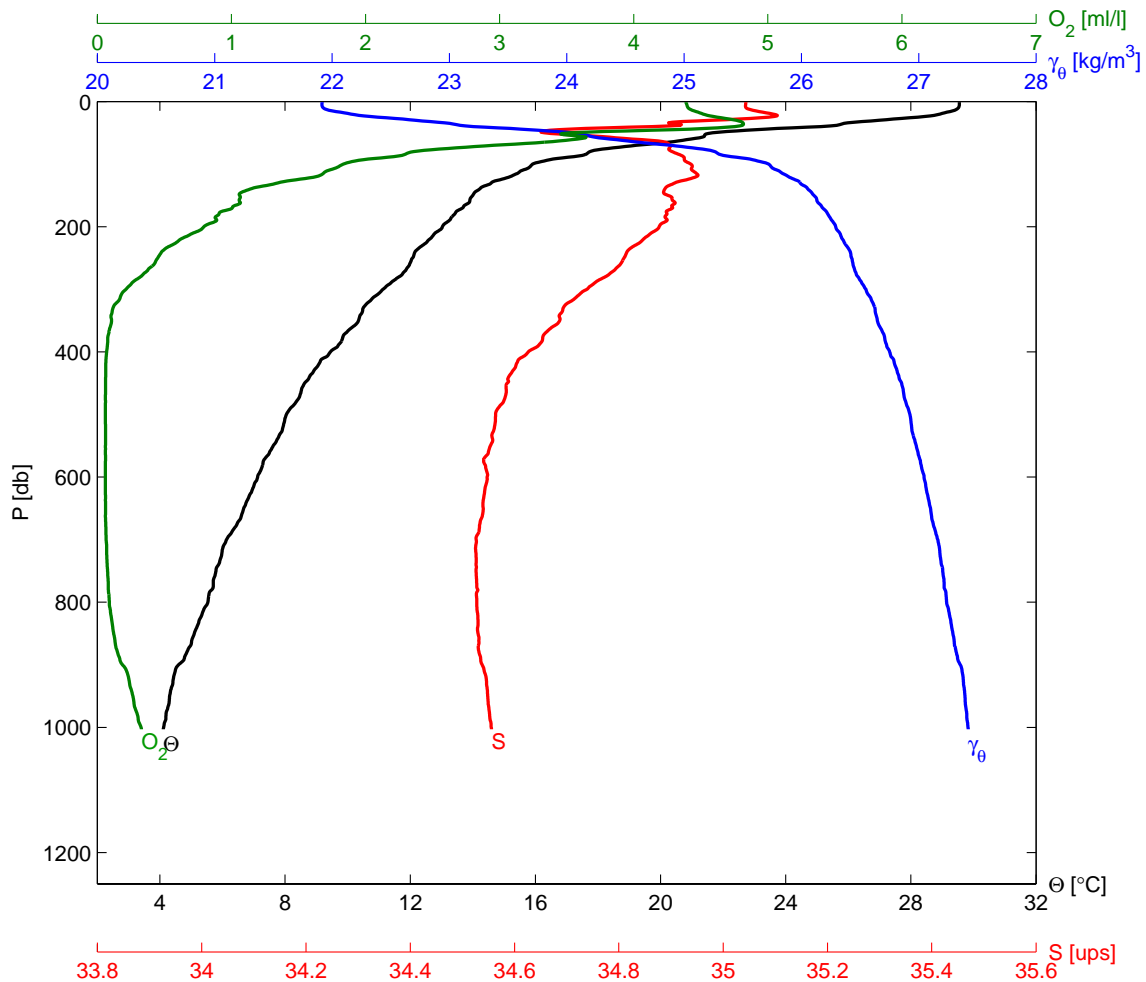
ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
B13	71		24 30.7		108 41.9		12	8	2004	0843
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
1539.0	30.5	35.06	81.5	29.3	2.4	178	9	1012.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.501	35.051	21.595	4.319	160.0	13.500	34.916	26.227	1.076	
5.0	30.502	35.055	21.597	4.351	180.0	13.239	34.902	26.269	0.950	
10.0	30.471	35.059	21.611	4.360	200.0	12.860	34.872	26.322	0.762	
20.0	29.939	35.116	21.836	4.516	300.0	10.902	34.719	26.575	0.178	
30.0	27.188	34.927	22.605	4.879	400.0	9.326	34.624	26.771	0.067	
40.0	23.118	34.689	23.665	4.334	500.0	7.915	34.563	26.943	0.060	
50.0	20.707	34.797	24.420	3.436	600.0	6.929	34.538	27.065	0.060	
60.0	19.713	34.833	24.711	3.000	700.0	5.997	34.528	27.180	0.066	
80.0	17.433	34.922	25.351	2.326	800.0	5.355	34.528	27.259	0.098	
100.0	15.515	34.929	25.804	1.621	900.0	4.792	34.535	27.331	0.160	
120.0	14.725	34.943	25.989	1.471	1000.0	4.313	34.548	27.393	0.263	
140.0	14.073	34.948	26.132	1.328	1009.0	4.258	34.549	27.400	0.280	



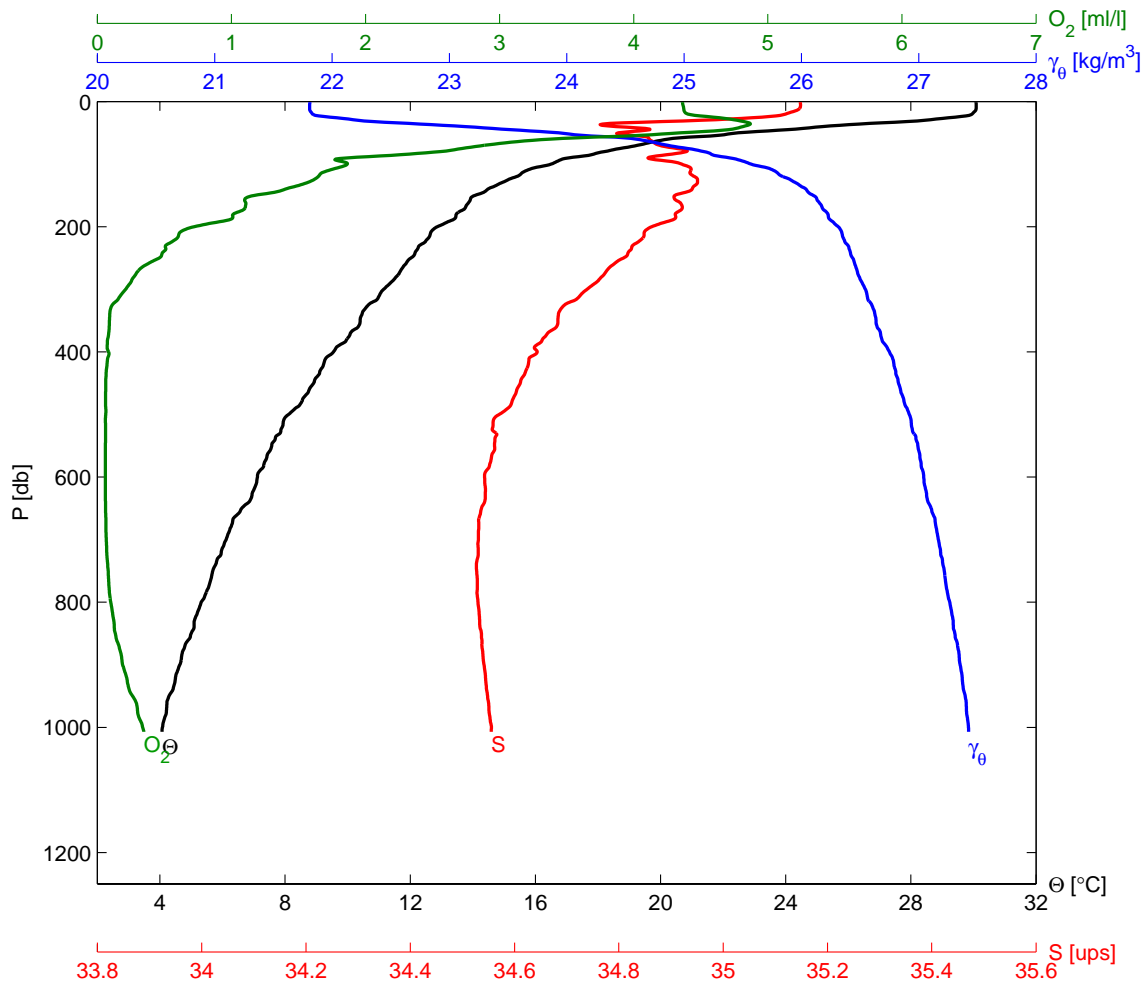
ESTACION B12	LANCE 72	LATITUD 24 27.1	LONGITUD 108 46.8	DD MM 12 8	AA 2004	H[UT] 1018			
PROFTOT [m] 1651.0	TEMSUP [°C] 30.4	SALSUP [ups] 35.11	TEBUHU [°C] 79.6	TEBUSE [°C] 29.4	V-MAG [m/s] 1.4	DIR [AZM] 208	NUBES [1/8] 9	BAROM [bar] 1012.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m <sup>3</sup> ]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m <sup>3</sup> ]	O <sub>2</sub> [ml/l]
2.0	30.360	35.105	21.684	4.352	160.0	13.652	34.929	26.205	1.193
5.0	30.362	35.105	21.683	4.354	180.0	13.152	34.887	26.276	0.878
10.0	30.331	35.107	21.695	4.362	200.0	12.817	34.865	26.326	0.724
20.0	29.367	35.076	22.000	4.622	300.0	11.096	34.729	26.547	0.169
30.0	27.337	34.963	22.584	4.878	400.0	9.001	34.603	26.808	0.065
40.0	23.988	34.735	23.446	4.558	500.0	8.065	34.577	26.933	0.061
50.0	21.174	34.878	24.355	3.747	600.0	7.037	34.545	27.055	0.061
60.0	19.755	34.915	24.762	3.136	700.0	6.157	34.531	27.162	0.065
80.0	17.548	34.930	25.330	2.347	800.0	5.288	34.530	27.269	0.104
100.0	15.994	34.936	25.701	1.790	900.0	4.736	34.537	27.338	0.173
120.0	15.045	34.945	25.920	1.574	1000.0	4.226	34.550	27.404	0.292
140.0	14.214	34.940	26.096	1.324	1009.0	4.194	34.550	27.408	0.302



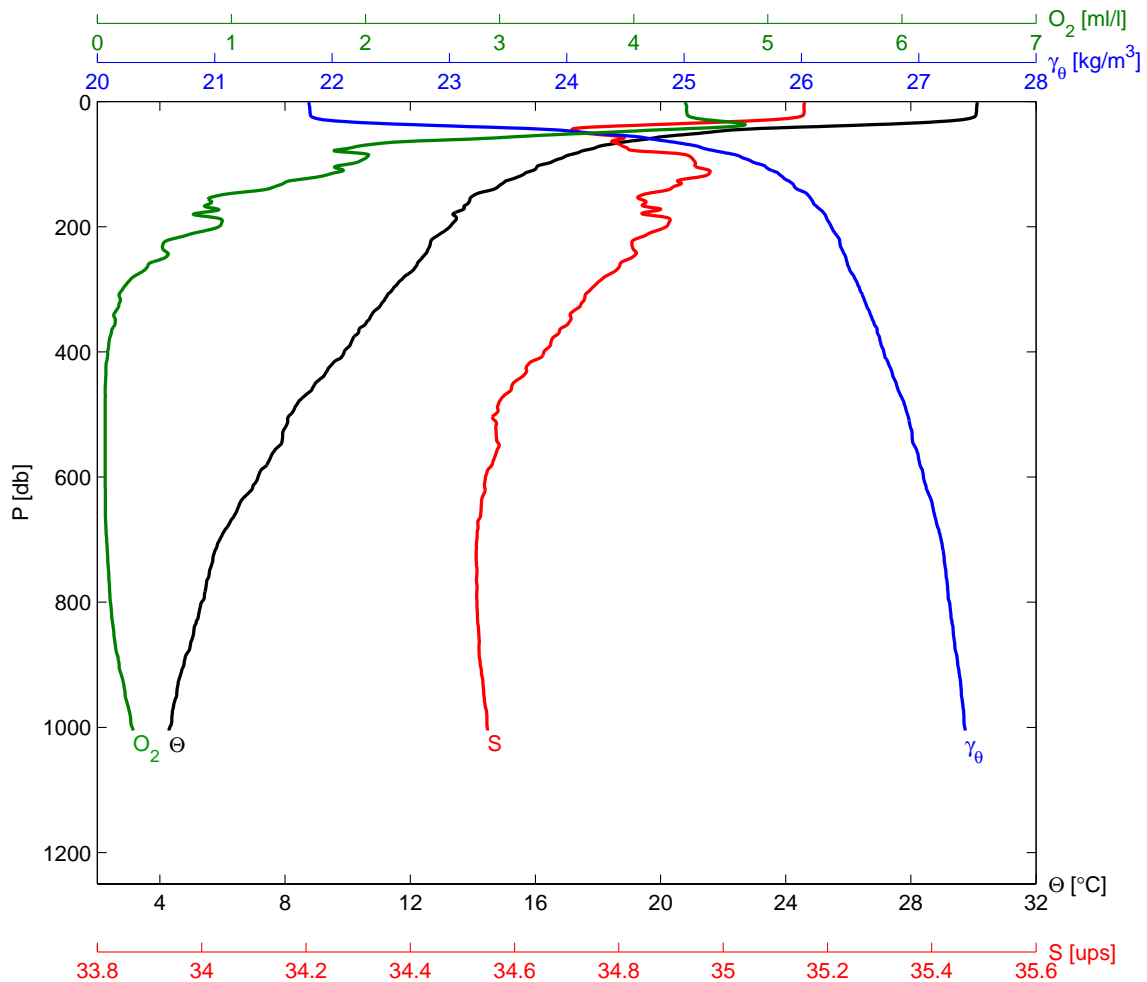
ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
B11	73		24	23.3	108	51.6	12	8	2004	0012
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
9.0	29.6	35.04	75.3	29.4	0.3	148	9	1012.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	29.547	35.043	21.915	4.391	160.0	13.899	34.906	26.136	1.062	
5.0	29.548	35.043	21.914	4.396	180.0	13.417	34.892	26.226	0.907	
10.0	29.518	35.044	21.925	4.406	200.0	13.030	34.877	26.292	0.795	
20.0	28.930	35.096	22.162	4.518	300.0	11.128	34.739	26.550	0.214	
30.0	26.981	34.979	22.710	4.764	400.0	9.450	34.626	26.753	0.069	
40.0	25.128	34.867	23.204	4.754	500.0	8.042	34.564	26.925	0.061	
50.0	21.661	34.656	24.052	3.529	600.0	7.124	34.547	27.045	0.061	
60.0	20.962	34.826	24.373	3.579	700.0	6.129	34.526	27.162	0.066	
80.0	17.741	34.902	25.262	2.359	800.0	5.533	34.528	27.238	0.090	
100.0	15.908	34.938	25.722	1.834	900.0	4.598	34.538	27.355	0.188	
120.0	15.199	34.949	25.890	1.633	1000.0	4.118	34.555	27.420	0.326	
140.0	14.214	34.888	26.056	1.139	1003.0	4.109	34.556	27.422	0.329	



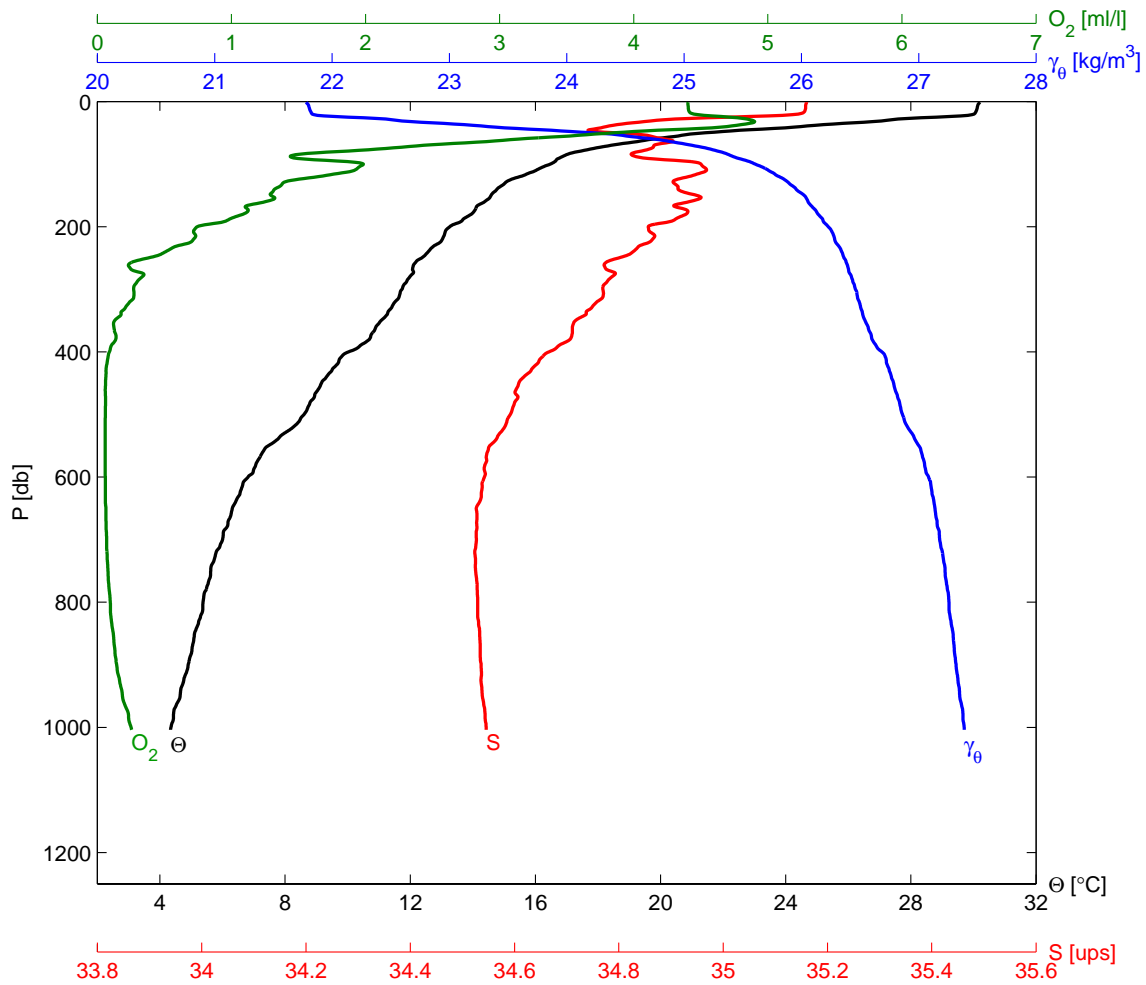
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
B10	74	24 19.7	108 56.5	12	8	2004	1343		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1952.0	30.1	35.15	76.5	29.4	0.8	84	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.084	35.148	21.811	4.364	160.0	13.887	34.915	26.146	1.103
5.0	30.088	35.148	21.810	4.366	180.0	13.470	34.908	26.227	1.013
10.0	30.088	35.148	21.809	4.372	200.0	12.864	34.863	26.314	0.722
20.0	29.955	35.120	21.834	4.404	300.0	11.154	34.739	26.545	0.211
30.0	28.442	34.958	22.221	4.771	400.0	9.547	34.644	26.750	0.084
40.0	25.168	34.794	23.136	4.814	500.0	8.110	34.570	26.920	0.063
50.0	22.482	34.798	23.930	4.352	600.0	7.119	34.543	27.042	0.060
60.0	20.243	34.858	24.590	3.383	700.0	6.115	34.531	27.167	0.067
80.0	18.205	34.930	25.169	2.559	800.0	5.321	34.530	27.265	0.100
100.0	16.501	34.920	25.572	1.864	900.0	4.636	34.541	27.353	0.189
120.0	15.395	34.945	25.843	1.647	1000.0	4.083	34.556	27.424	0.338
140.0	14.481	34.941	26.040	1.402	1007.0	4.067	34.555	27.426	0.346



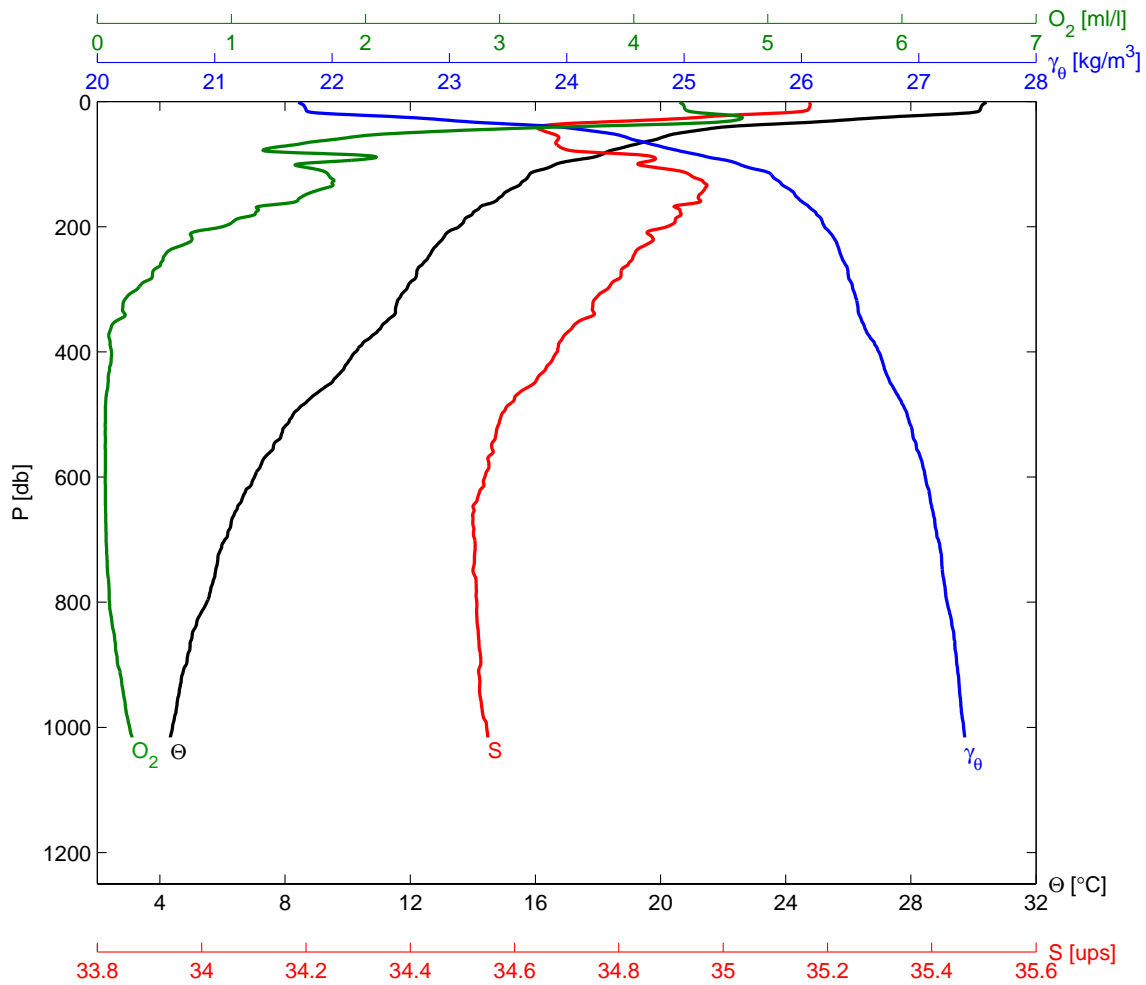
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
B09	75	24 16.0	109 1.6	12	8	2004	1511		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2563.0	30.3	35.16	71.4	29.8	1.0	86	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.124	35.156	21.803	4.385	160.0	13.886	34.853	26.098	0.852
5.0	30.112	35.155	21.807	4.391	180.0	13.364	34.845	26.200	0.715
10.0	30.102	35.155	21.810	4.395	200.0	13.267	34.891	26.255	0.907
20.0	30.086	35.155	21.815	4.398	300.0	11.439	34.746	26.498	0.188
30.0	29.456	35.074	21.968	4.586	400.0	9.889	34.656	26.703	0.078
40.0	25.032	34.769	23.159	4.735	500.0	8.170	34.563	26.905	0.059
50.0	21.396	34.730	24.182	3.722	600.0	7.138	34.544	27.041	0.059
60.0	19.568	34.805	24.727	2.784	700.0	5.914	34.528	27.191	0.069
80.0	17.442	34.854	25.298	1.801	800.0	5.333	34.528	27.262	0.098
100.0	16.275	34.947	25.644	1.873	900.0	4.767	34.534	27.333	0.163
120.0	15.464	34.958	25.838	1.656	1000.0	4.317	34.548	27.393	0.260
140.0	14.680	34.899	25.964	1.268	1005.0	4.292	34.548	27.396	0.267



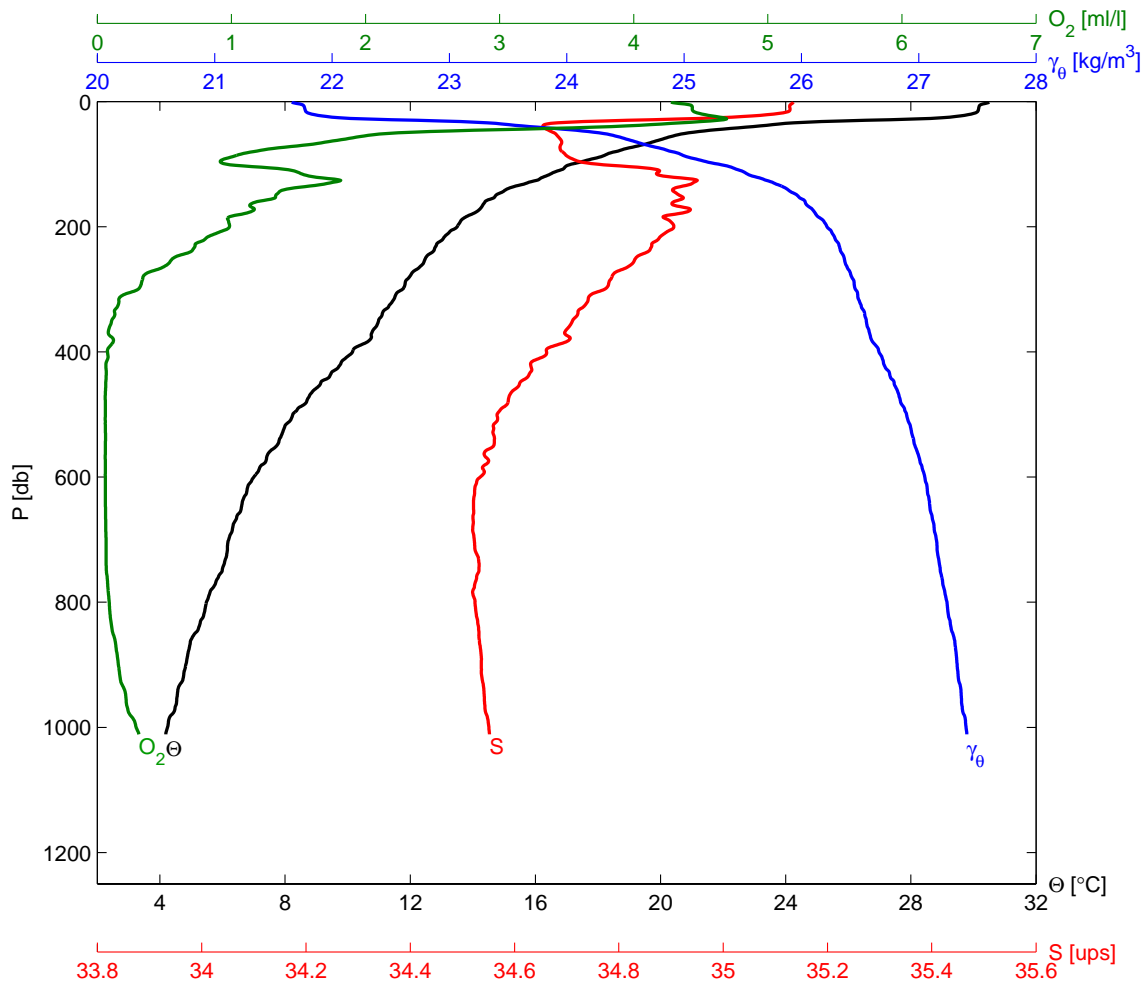
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
B08	76	24 12.4	109 7.1	12	8	2004	1643		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
3234.0	30.3	35.17	75.2	30.2	1.3	97	9	1014.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.193	35.160	21.783	4.405	160.0	14.384	34.936	26.057	1.255
5.0	30.146	35.158	21.798	4.404	180.0	13.950	34.929	26.143	1.087
10.0	30.120	35.158	21.806	4.407	200.0	13.264	34.856	26.229	0.745
20.0	30.018	35.145	21.831	4.449	300.0	11.734	34.769	26.461	0.271
30.0	27.240	34.872	22.547	4.884	400.0	10.031	34.666	26.686	0.090
40.0	24.482	34.776	23.330	4.695	500.0	8.604	34.592	26.861	0.060
50.0	21.427	34.793	24.221	3.851	600.0	6.816	34.542	27.083	0.059
60.0	19.748	34.888	24.744	3.140	700.0	6.000	34.527	27.179	0.069
80.0	17.361	34.837	25.304	1.791	800.0	5.379	34.529	27.258	0.097
100.0	16.473	34.958	25.607	1.984	900.0	4.902	34.536	27.319	0.144
120.0	15.503	34.934	25.810	1.649	1000.0	4.353	34.546	27.387	0.252
140.0	14.774	34.913	25.955	1.322	1004.0	4.342	34.546	27.389	0.255



ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
B07	77		24	9.1	109	11.6	12	8	2004	1811
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
1378.0	30.4	35.17	75.1	30.1	1.2	119	9	1013.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.386	35.166	21.720	4.347	160.0	14.700	34.957	26.005	1.481	
5.0	30.294	35.167	21.753	4.370	180.0	13.983	34.920	26.129	1.177	
10.0	30.236	35.165	21.772	4.378	200.0	13.559	34.892	26.196	0.933	
20.0	29.227	35.061	22.036	4.616	300.0	11.881	34.777	26.439	0.296	
30.0	25.761	34.848	22.995	4.757	400.0	10.257	34.682	26.660	0.106	
40.0	22.184	34.646	23.899	3.570	500.0	8.257	34.575	26.902	0.060	
50.0	20.660	34.667	24.333	2.309	600.0	7.020	34.543	27.056	0.059	
60.0	19.898	34.684	24.549	1.788	700.0	6.076	34.524	27.167	0.065	
80.0	18.302	34.725	24.988	1.296	800.0	5.499	34.528	27.242	0.091	
100.0	16.660	34.836	25.469	1.491	900.0	4.840	34.535	27.325	0.152	
120.0	15.771	34.941	25.755	1.732	1000.0	4.402	34.547	27.383	0.241	
140.0	15.216	34.965	25.898	1.672	1016.0	4.334	34.549	27.392	0.259	

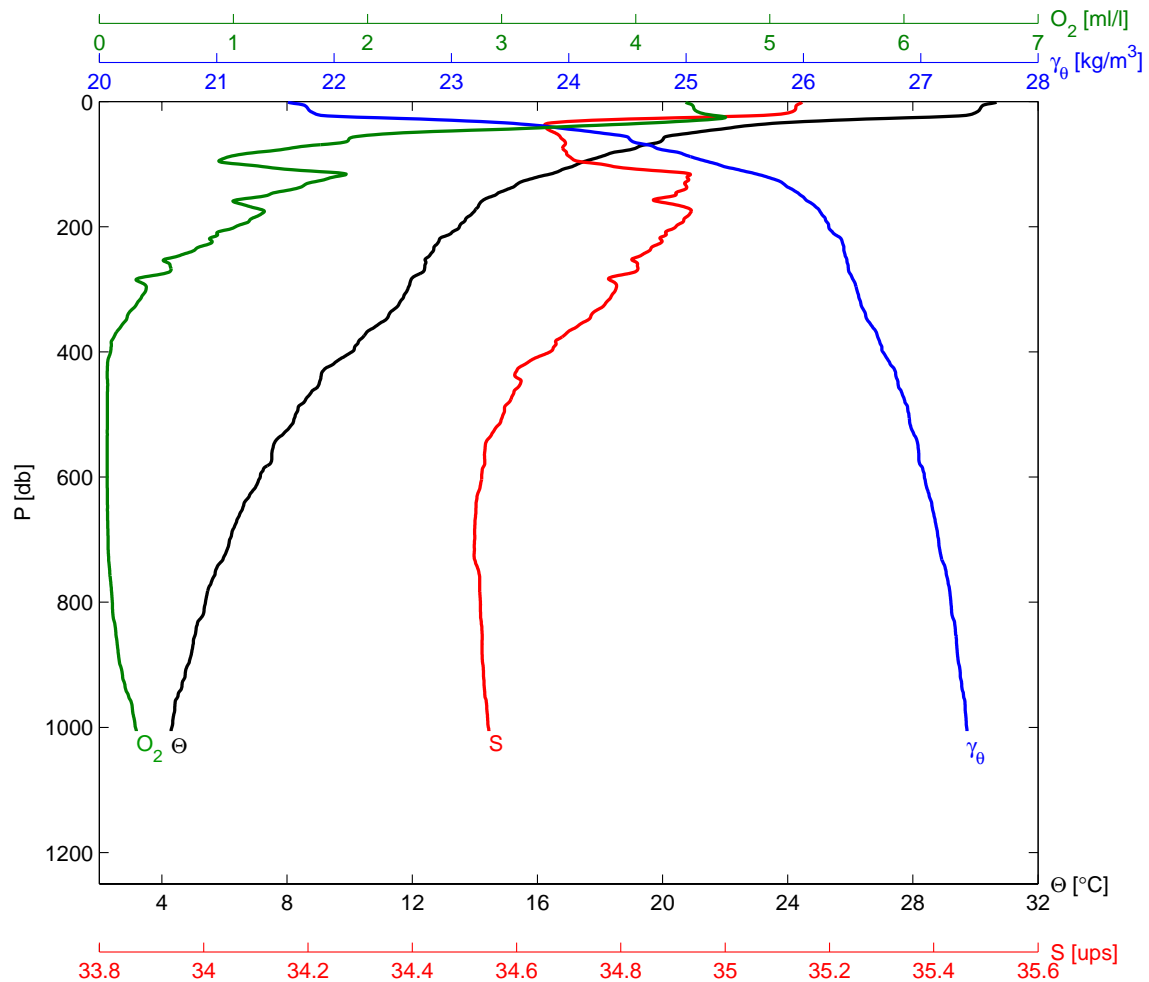


ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
B06	78		24 5.6		109 16.4		12	8	2004	1941
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
1373.0	30.7	35.13	63.8	30.8	1.6	124	9	1013.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.469	35.134	21.668	4.294	160.0	14.393	34.906	26.031	1.192	
5.0	30.233	35.129	21.745	4.412	180.0	13.966	34.907	26.123	1.075	
10.0	30.169	35.128	21.767	4.437	200.0	13.502	34.906	26.218	0.985	
20.0	29.926	35.097	21.827	4.509	300.0	11.753	34.773	26.460	0.304	
30.0	26.544	34.815	22.725	4.629	400.0	10.158	34.661	26.661	0.076	
40.0	22.959	34.654	23.685	3.834	500.0	8.246	34.566	26.897	0.060	
50.0	20.906	34.676	24.274	2.244	600.0	7.003	34.534	27.052	0.060	
60.0	20.067	34.688	24.507	1.850	700.0	6.199	34.523	27.150	0.065	
80.0	18.569	34.691	24.895	1.166	800.0	5.485	34.524	27.241	0.089	
100.0	17.156	34.757	25.292	0.959	900.0	4.826	34.536	27.328	0.157	
120.0	16.285	34.893	25.601	1.602	1000.0	4.241	34.551	27.404	0.290	
140.0	15.087	34.904	25.879	1.412	1011.0	4.191	34.552	27.410	0.309	

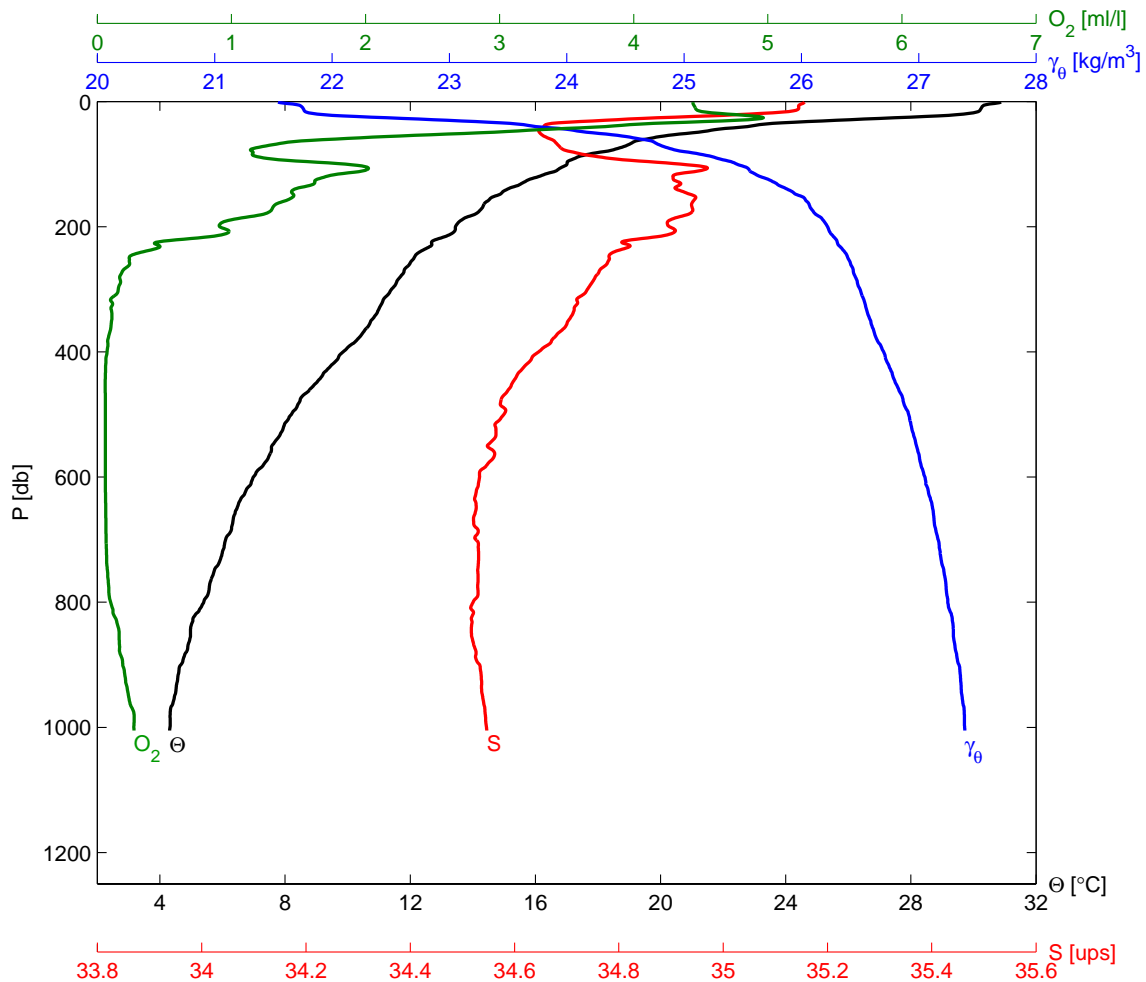




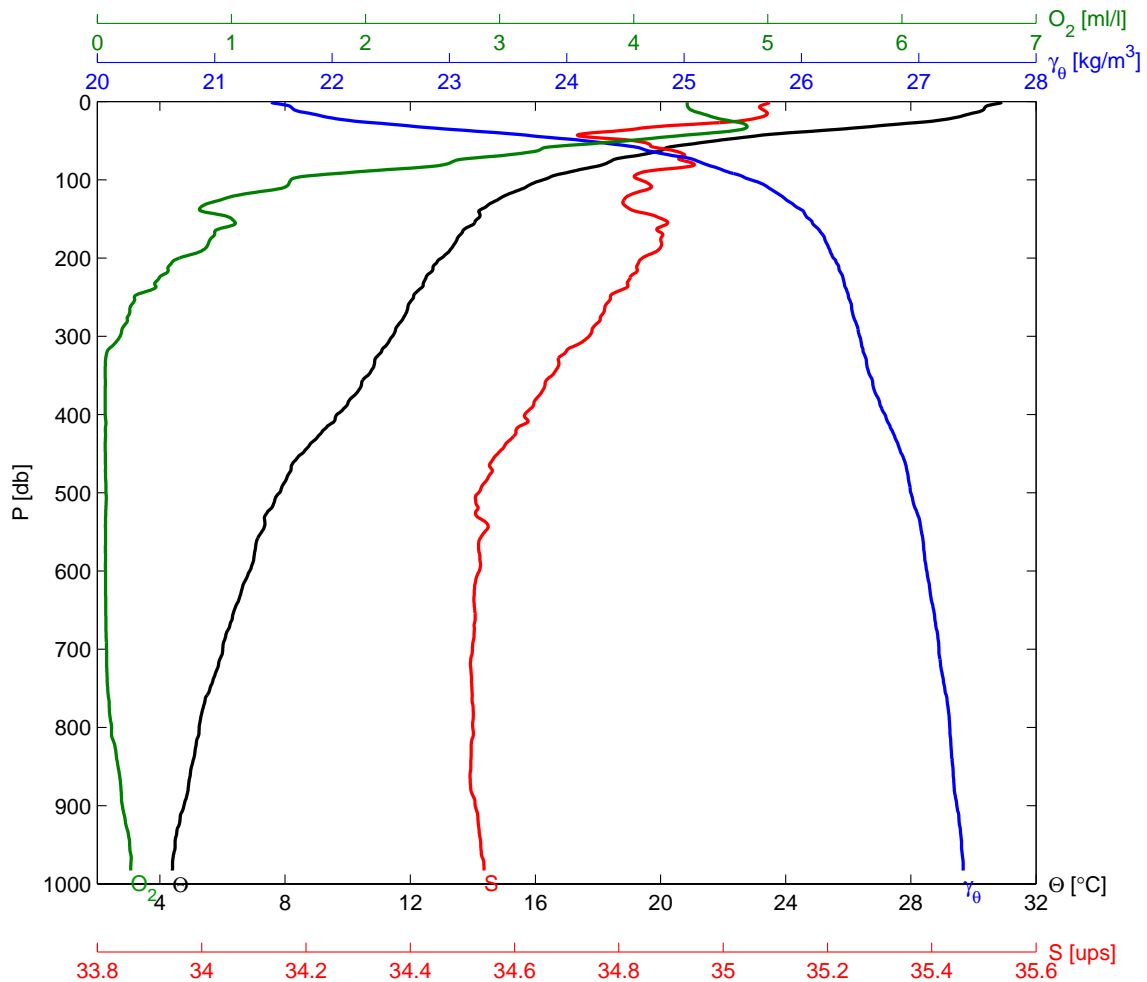
ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
B05	79		24	2.1	109 21.4		12	8	2004	0021
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
9.0	31.0	35.13	67.9	30.5	2.2	127	9	1012.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.626	35.147	21.623	4.378	160.0	14.207	34.871	26.045	0.998	
5.0	30.295	35.138	21.731	4.417	180.0	13.897	34.932	26.157	1.205	
10.0	30.168	35.136	21.773	4.432	200.0	13.509	34.905	26.217	1.016	
20.0	29.898	35.108	21.844	4.518	300.0	11.856	34.790	26.454	0.349	
30.0	25.471	34.743	23.005	4.466	400.0	10.077	34.664	26.677	0.084	
40.0	22.448	34.655	23.831	3.483	500.0	8.271	34.574	26.899	0.060	
50.0	20.942	34.674	24.262	2.267	600.0	7.144	34.533	27.031	0.059	
60.0	20.022	34.688	24.519	1.861	700.0	6.165	34.520	27.152	0.065	
80.0	18.582	34.695	24.895	1.228	800.0	5.392	34.531	27.257	0.097	
100.0	17.279	34.763	25.267	1.040	900.0	4.835	34.536	27.326	0.155	
120.0	16.046	34.927	25.682	1.762	1000.0	4.318	34.546	27.392	0.270	
140.0	15.055	34.924	25.902	1.448	1006.0	4.293	34.547	27.395	0.276	



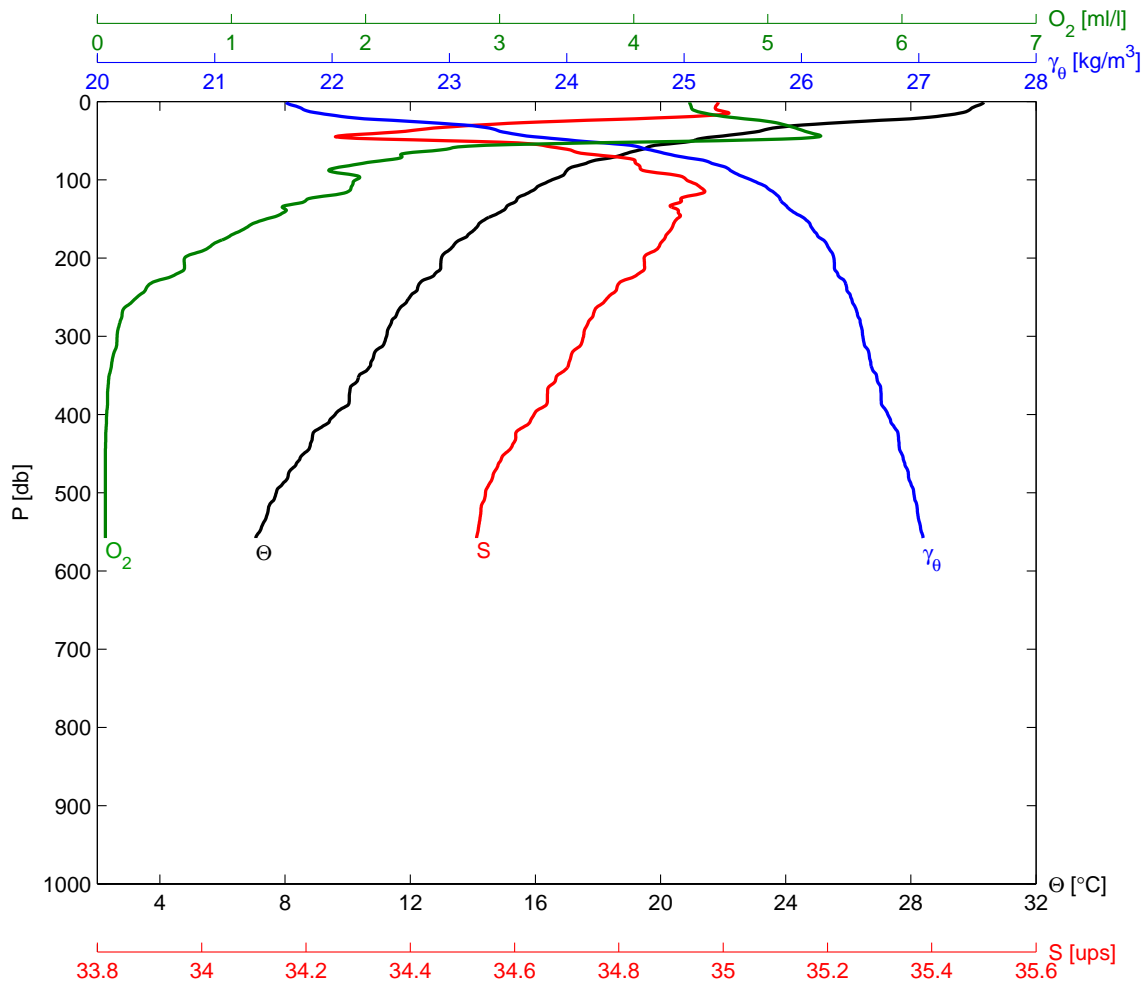
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
B04	80	23 58.8	109 26.4	12	8	2004	2332		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1615.0	31.1	35.17	70.5	30.5	1.2	174	9	1010.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.825	35.156	21.561	4.441	160.0	14.442	34.942	26.049	1.381
5.0	30.398	35.147	21.702	4.445	180.0	14.071	34.934	26.122	1.239
10.0	30.255	35.145	21.750	4.458	200.0	13.445	34.897	26.223	0.913
20.0	29.683	35.050	21.874	4.702	300.0	11.403	34.740	26.500	0.156
30.0	25.616	34.774	22.984	4.766	400.0	9.853	34.646	26.701	0.073
40.0	22.781	34.656	23.737	3.788	500.0	8.200	34.580	26.914	0.060
50.0	21.025	34.648	24.221	2.853	600.0	6.987	34.533	27.053	0.060
60.0	19.549	34.669	24.628	1.775	700.0	6.101	34.526	27.165	0.066
80.0	18.200	34.708	25.000	1.158	800.0	5.402	34.521	27.248	0.099
100.0	17.010	34.919	25.450	1.850	900.0	4.669	34.533	27.343	0.190
120.0	16.102	34.904	25.651	1.704	1000.0	4.323	34.546	27.391	0.273
140.0	15.111	34.910	25.878	1.471	1005.0	4.311	34.547	27.393	0.274



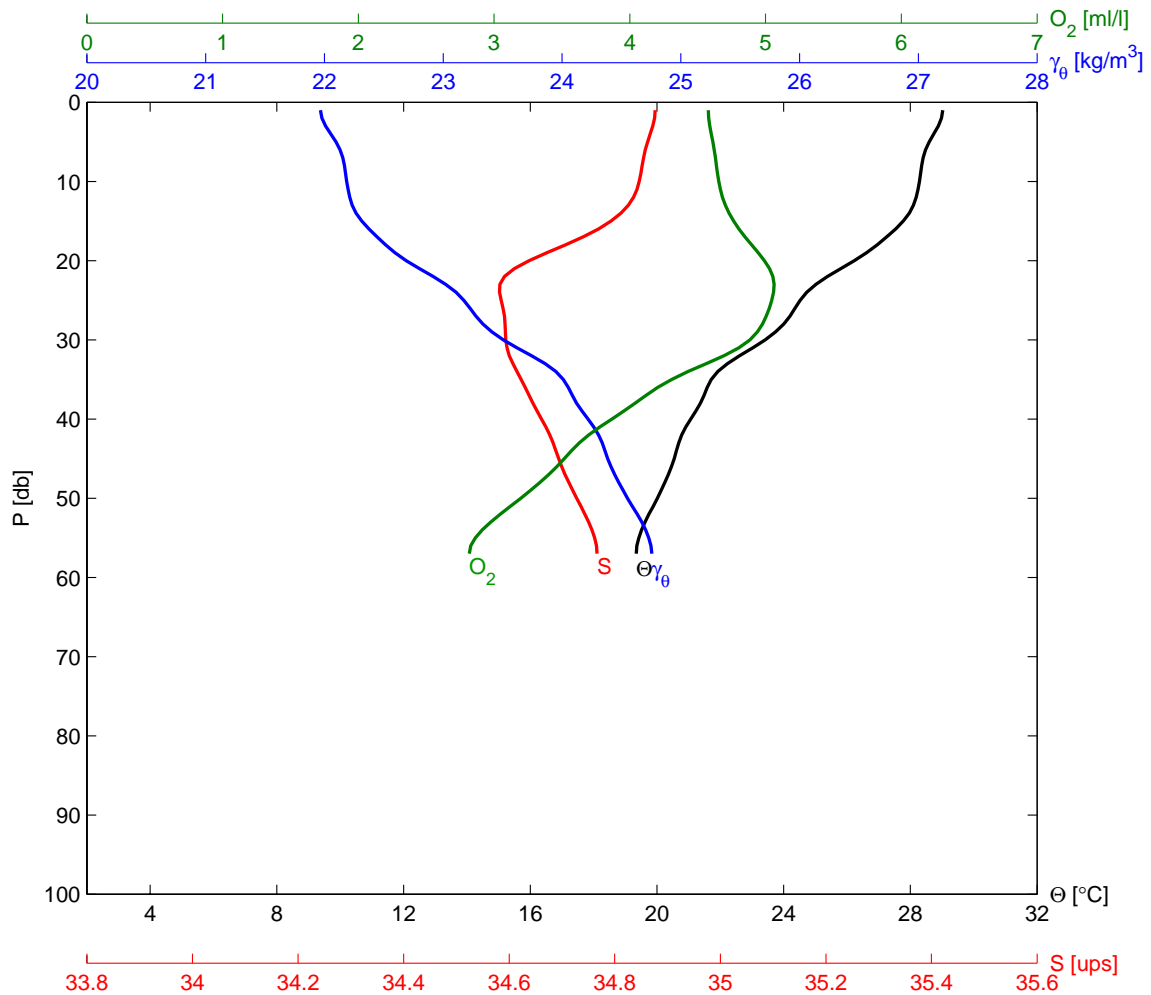
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
B03	81	23 55.4	109 31.3	13	8	2004	0059		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1775.0	31.2	35.10	69.1	30.4	1.8	163	9	1010.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.859	35.088	21.498	4.398	140.0	14.192	34.830	26.016	0.775
5.0	30.473	35.073	21.621	4.400	160.0	13.867	34.880	26.123	0.972
10.0	30.328	35.075	21.672	4.419	180.0	13.448	34.881	26.211	0.831
20.0	29.484	35.073	21.958	4.593	200.0	13.000	34.845	26.274	0.612
30.0	27.258	34.918	22.575	4.839	300.0	11.431	34.743	26.497	0.170
40.0	24.112	34.748	23.419	4.590	400.0	9.659	34.619	26.713	0.059
50.0	21.784	34.830	24.150	3.955	500.0	7.823	34.531	26.932	0.065
60.0	20.136	34.881	24.636	3.315	600.0	6.872	34.532	27.068	0.061
80.0	18.206	34.945	25.180	2.604	700.0	6.008	34.519	27.172	0.069
100.0	16.258	34.841	25.567	1.444	800.0	5.255	34.520	27.265	0.107
120.0	15.044	34.819	25.824	1.039	900.0	4.769	34.525	27.325	0.187
983.0	4.401	34.542	27.379	0.250					



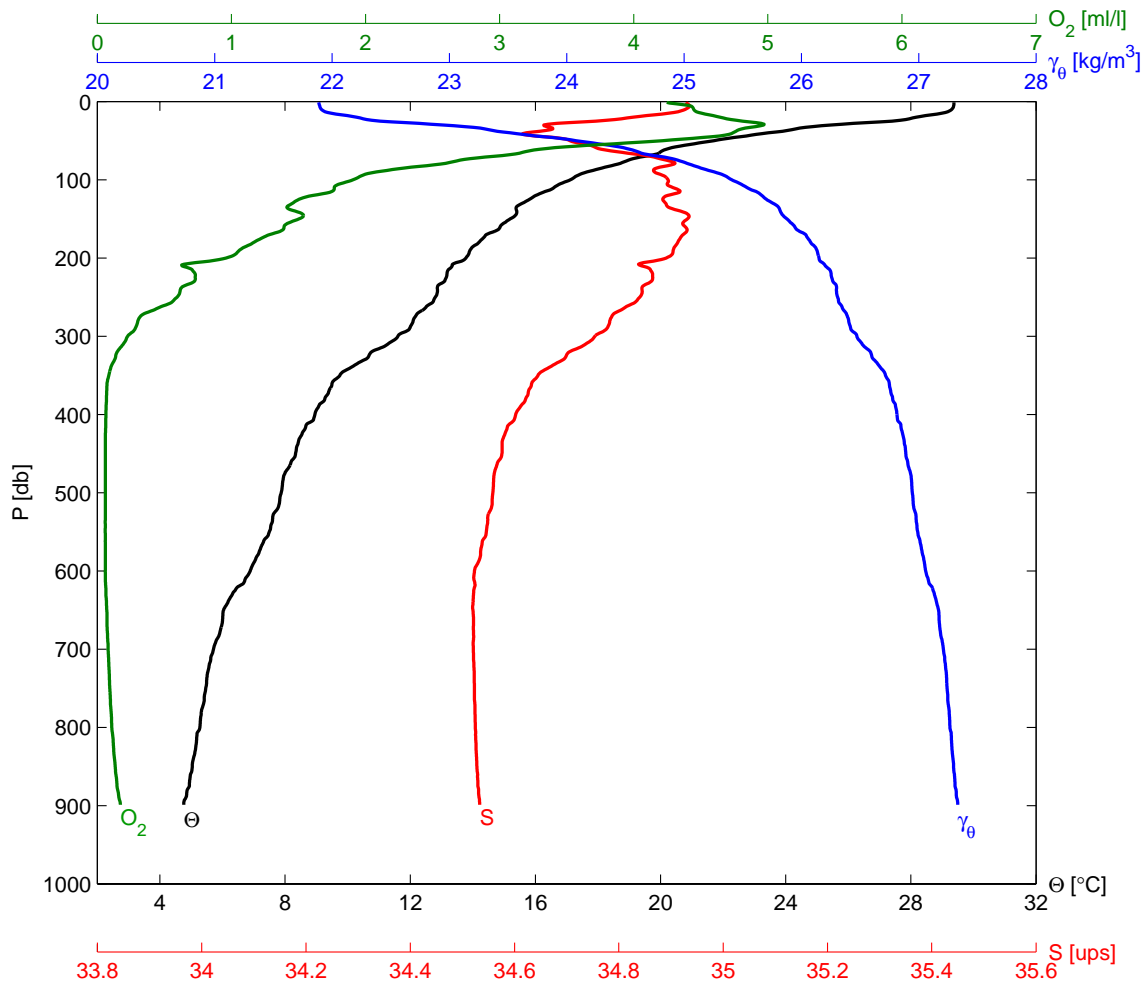
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
B02	82	23 51.8	109 36.2	13	8	2004	0231		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
695.0	30.3	34.99	80.0	29.6	4.2	138	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.312	34.991	21.615	4.418	100.0	16.540	34.929	25.569	1.930
5.0	30.145	34.987	21.669	4.425	120.0	15.593	34.940	25.795	1.735
10.0	29.895	34.986	21.754	4.437	140.0	14.937	34.914	25.921	1.407
20.0	28.604	34.911	22.131	4.715	160.0	14.141	34.903	26.083	1.123
30.0	24.549	34.533	23.126	5.129	180.0	13.466	34.881	26.207	0.887
40.0	22.825	34.353	23.495	5.317	200.0	12.996	34.849	26.277	0.651
50.0	21.057	34.471	24.077	4.631	300.0	11.242	34.732	26.523	0.148
60.0	19.509	34.691	24.656	2.629	400.0	9.599	34.637	26.737	0.070
80.0	17.543	34.835	25.258	1.946	500.0	7.719	34.544	26.958	0.060
558.0	7.066	34.527	27.037	0.060					



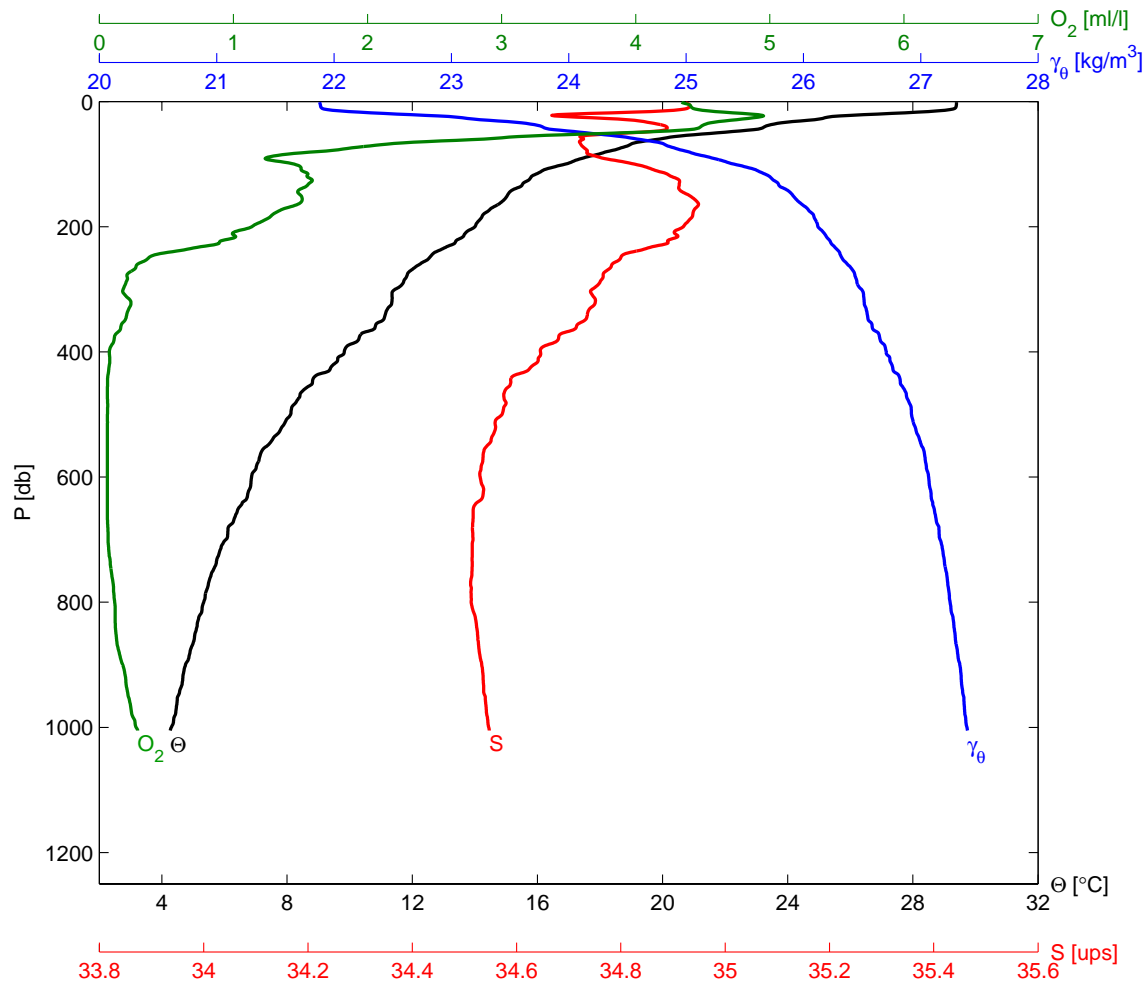
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
B01	83	23 48.2	109 40.8	13	8	2004	0352		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
69.0	29.1	34.89	71.0	30.0	1.0	180	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	28.984	34.876	21.978	4.581	30.0	23.414	34.593	23.507	4.884
5.0	28.596	34.862	22.097	4.612	40.0	21.066	34.661	24.220	3.868
10.0	28.287	34.847	22.188	4.655	50.0	20.012	34.728	24.552	3.196
20.0	26.230	34.636	22.689	4.992	57.0	19.344	34.767	24.756	2.817



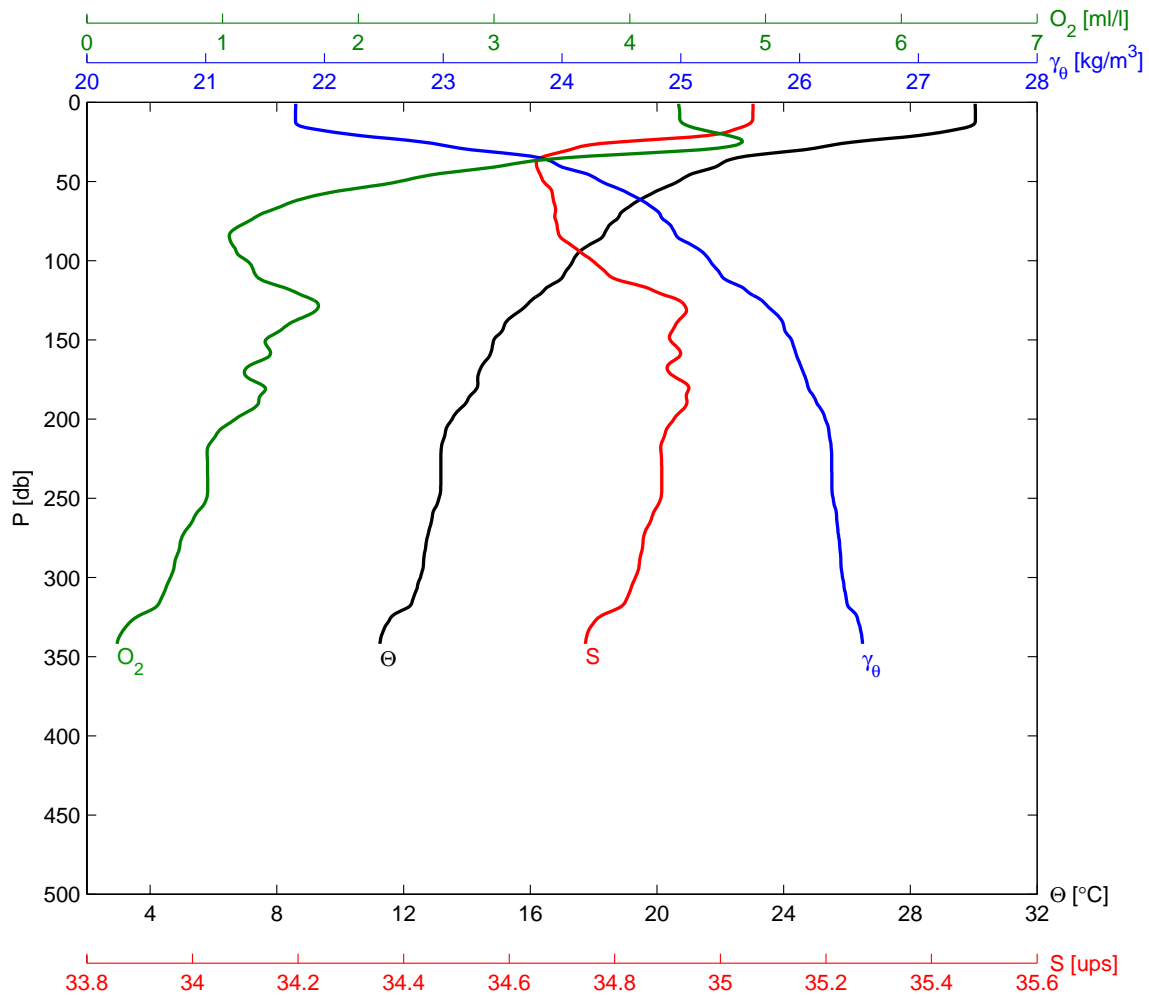
ESTACION C01	LANCE 84	LATITUD 24 12.1	LONGITUD 109 46.6	DD MM 13 8	AA 2004	H[UT] 0712			
PROFTOT [m] 884.0	TEMSUP [°C] 29.4	SALSUP [ups] 34.94	TEBUHU [°C] 58.6	TEBUSE [°C] 30.5	V-MAG [m/s] 0.8	DIR [AZM] 207	NUBES [1/8] 9	BAROM [bar] 1013.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	29.375	34.929	21.888	4.267	140.0	15.403	34.918	25.820	1.474
5.0	29.371	34.936	21.894	4.408	160.0	14.875	34.927	25.944	1.393
10.0	29.305	34.928	21.910	4.447	180.0	14.198	34.913	26.079	1.167
20.0	28.174	34.827	22.210	4.643	200.0	13.777	34.891	26.150	0.960
30.0	25.457	34.654	22.942	4.970	300.0	11.605	34.754	26.473	0.226
40.0	23.452	34.621	23.517	4.741	400.0	8.955	34.602	26.814	0.064
50.0	21.701	34.706	24.079	4.214	500.0	7.877	34.559	26.946	0.060
60.0	20.263	34.759	24.510	3.351	600.0	6.885	34.523	27.059	0.059
80.0	18.634	34.906	25.044	2.558	700.0	5.713	34.521	27.210	0.081
100.0	17.122	34.894	25.405	1.908	800.0	5.278	34.525	27.266	0.108
120.0	16.015	34.893	25.663	1.608	899.0	4.762	34.533	27.332	0.172



ESTACION C02	LANCE 85	LATITUD 24 15.8	LONGITUD 109 41.6	DD MM 13 8	AA 2004	H[UT] 0846			
PROFTOT [m] 1583.0	TEMSUP [°C] 29.4	SALSUP [ups] 34.94	TEBUHU [°C] 58.9	TEBUSE [°C] 30.2	V-MAG [m/s] 1.5	DIR [AZM] 150	NUBES [1/8] 9	BAROM [bar] 1013.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	29.393	34.925	21.878	4.349	160.0	14.870	34.946	25.960	1.507
5.0	29.391	34.932	21.884	4.399	180.0	14.275	34.938	26.082	1.296
10.0	29.362	34.930	21.892	4.420	200.0	14.006	34.920	26.125	1.137
20.0	26.868	34.701	22.537	4.861	300.0	11.455	34.745	26.494	0.178
30.0	24.648	34.827	23.319	4.706	400.0	9.827	34.646	26.705	0.075
40.0	23.269	34.888	23.772	4.486	500.0	8.112	34.572	26.921	0.061
50.0	21.763	34.818	24.147	3.905	600.0	6.865	34.530	27.067	0.060
60.0	19.898	34.729	24.583	2.869	700.0	6.043	34.517	27.165	0.065
80.0	18.226	34.736	25.015	1.631	800.0	5.334	34.513	27.250	0.114
100.0	16.891	34.826	25.408	1.453	900.0	4.755	34.533	27.333	0.174
120.0	15.806	34.898	25.714	1.549	1000.0	4.299	34.547	27.394	0.275
140.0	15.258	34.911	25.848	1.498	1005.0	4.266	34.548	27.398	0.286

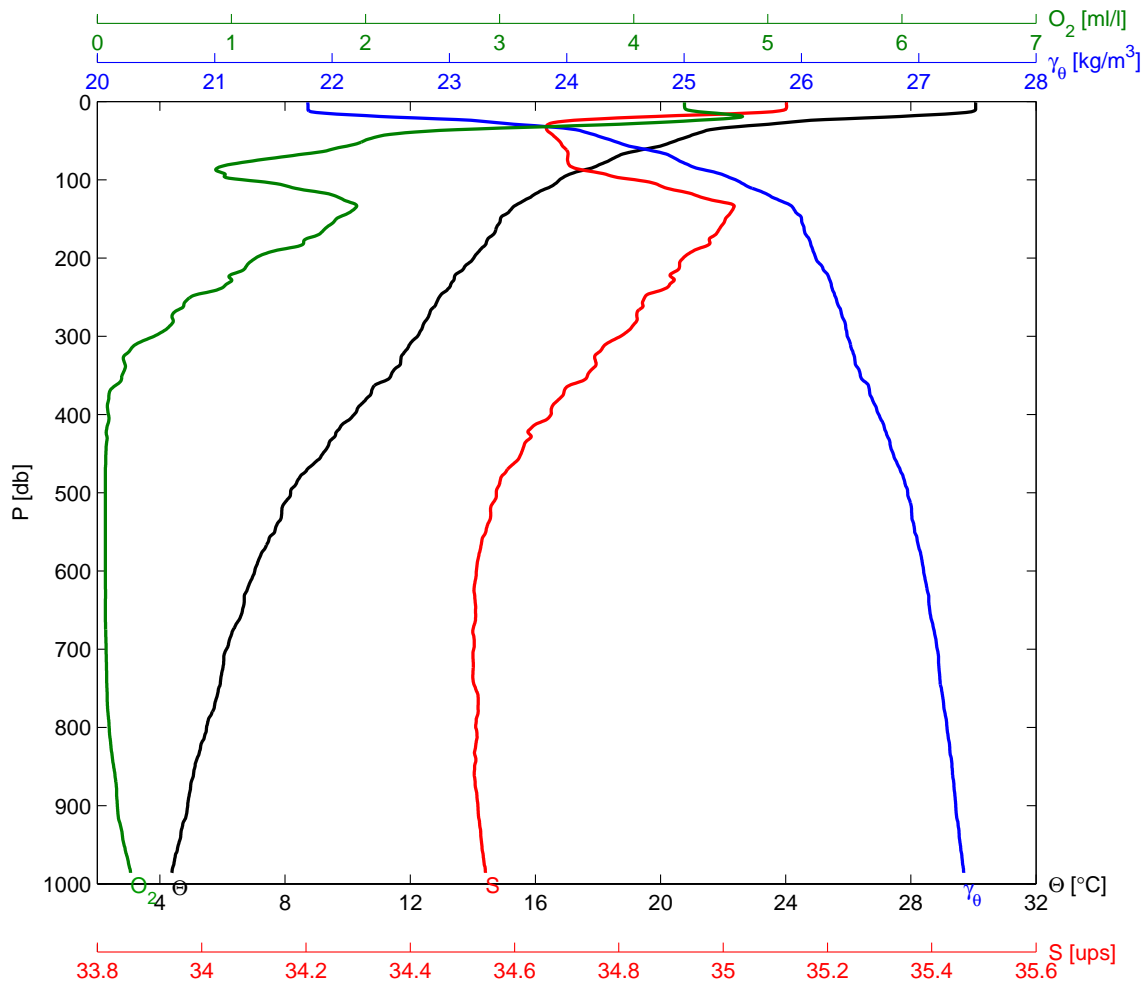


ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
C03	86	24 19.2	109 36.8	13	8	2004	1021		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
361.0	30.0	35.06	80.8	29.4	2.6	123	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.048	35.062	21.759	4.361	80.0	18.418	34.691	24.933	1.088
5.0	30.051	35.062	21.758	4.367	100.0	17.350	34.758	25.246	1.180
10.0	30.052	35.062	21.757	4.368	120.0	16.378	34.880	25.569	1.538
20.0	28.644	35.000	22.185	4.674	140.0	15.200	34.916	25.864	1.489
30.0	24.641	34.715	23.236	4.519	160.0	14.718	34.924	25.976	1.346
40.0	21.935	34.652	23.973	3.070	180.0	14.327	34.941	26.073	1.313
50.0	20.670	34.665	24.329	2.305	200.0	13.535	34.912	26.217	1.094
60.0	19.607	34.683	24.624	1.630	300.0	12.533	34.839	26.362	0.616
342.0	11.255	34.745	26.531	0.224					

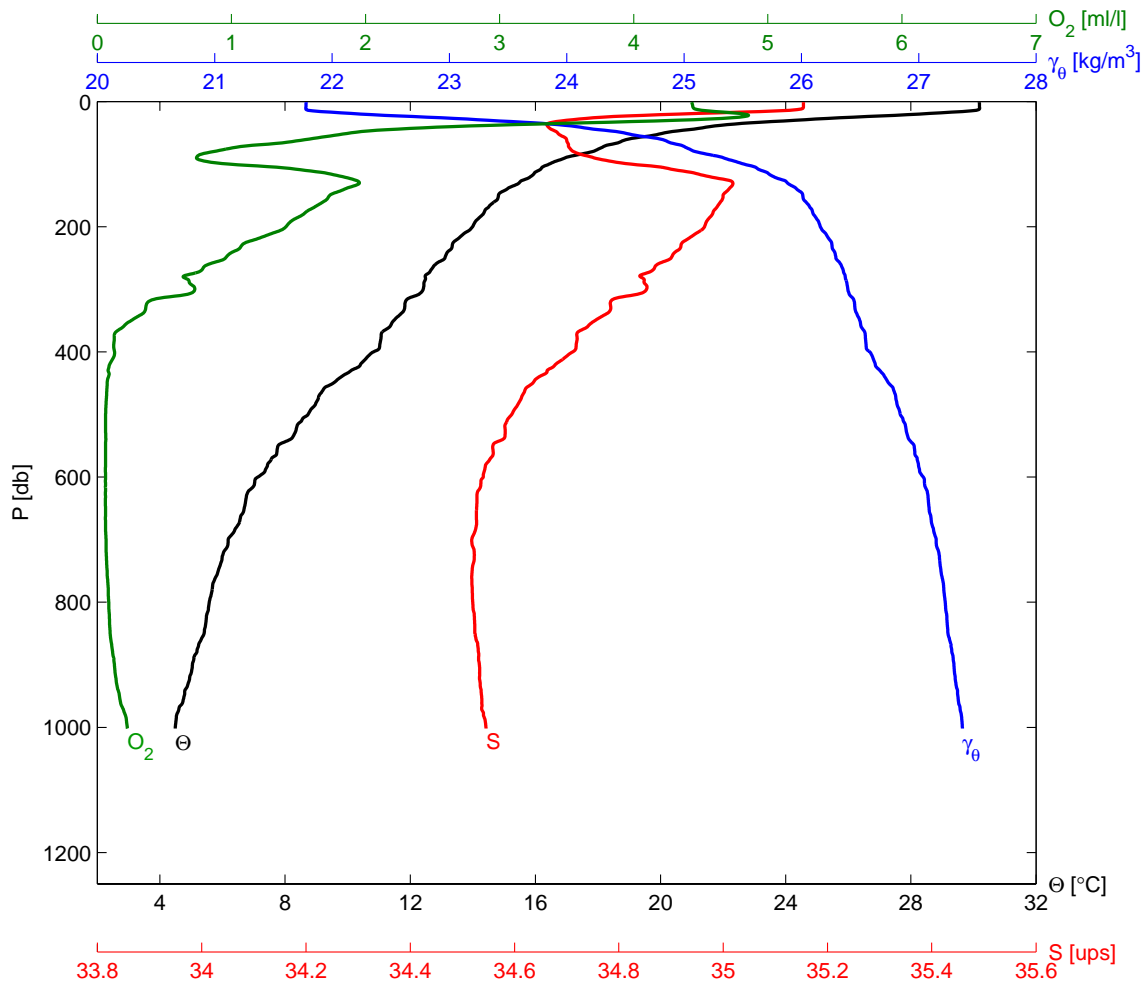




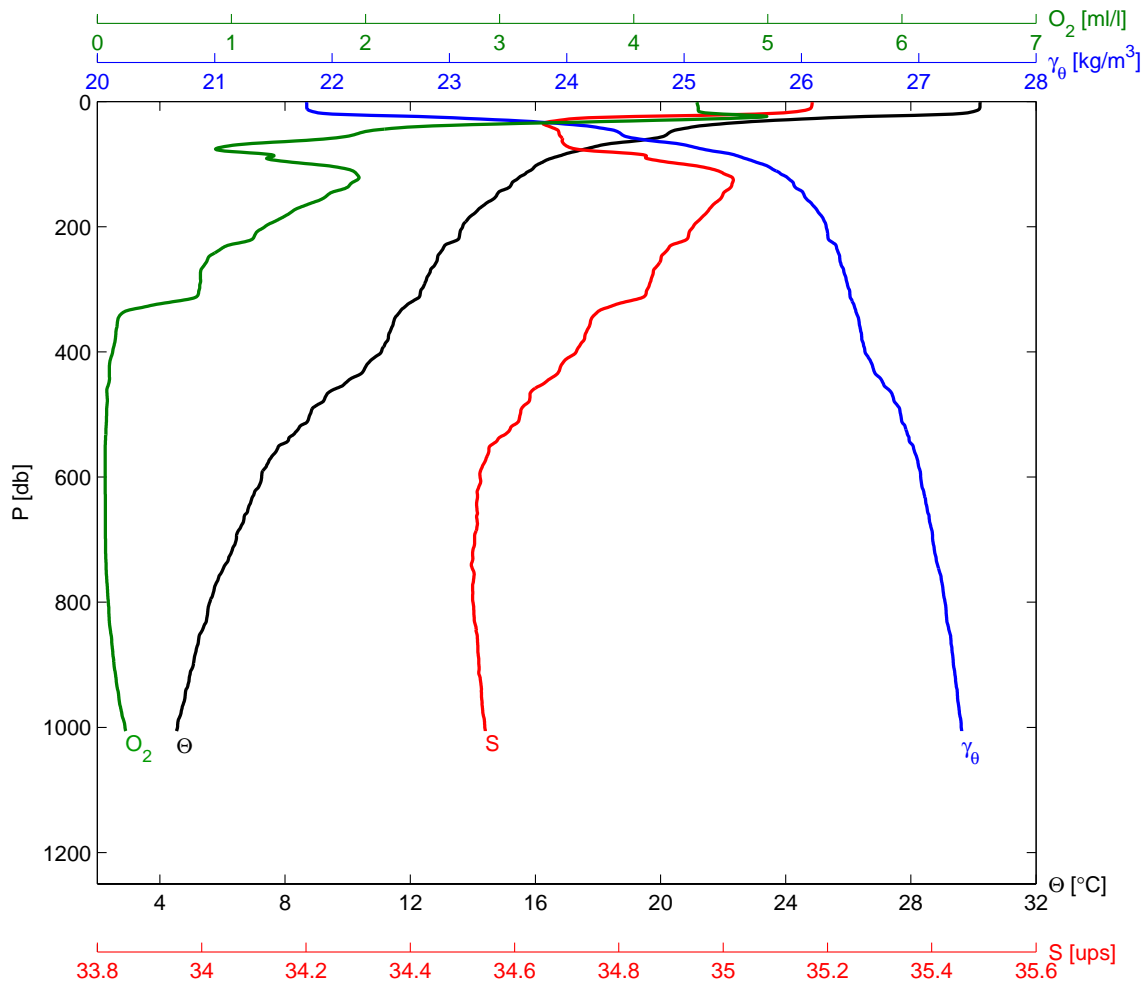
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
C04	87	24 22.8	109 31.8	13	8	2004	1130		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1562.0	30.1	35.12	74.0	29.4	2.4	140	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.073	35.121	21.795	4.378	140.0	15.177	35.017	25.947	1.897
5.0	30.072	35.122	21.795	4.379	160.0	14.767	34.996	26.020	1.716
10.0	30.069	35.120	21.795	4.389	180.0	14.435	34.975	26.076	1.539
20.0	27.153	34.831	22.544	4.799	200.0	14.028	34.923	26.123	1.181
30.0	23.145	34.662	23.637	3.732	300.0	12.236	34.804	26.392	0.424
40.0	21.239	34.668	24.177	2.297	400.0	10.208	34.670	26.659	0.084
50.0	20.492	34.685	24.392	1.991	500.0	8.176	34.565	26.906	0.060
60.0	19.609	34.697	24.634	1.772	600.0	7.031	34.527	27.042	0.060
80.0	18.091	34.704	25.024	1.004	700.0	6.128	34.522	27.159	0.065
100.0	16.775	34.830	25.438	1.079	800.0	5.491	34.526	27.241	0.088
120.0	15.919	34.948	25.727	1.764	900.0	4.889	34.530	27.315	0.149
986.0	4.384	34.544	27.383	0.248					



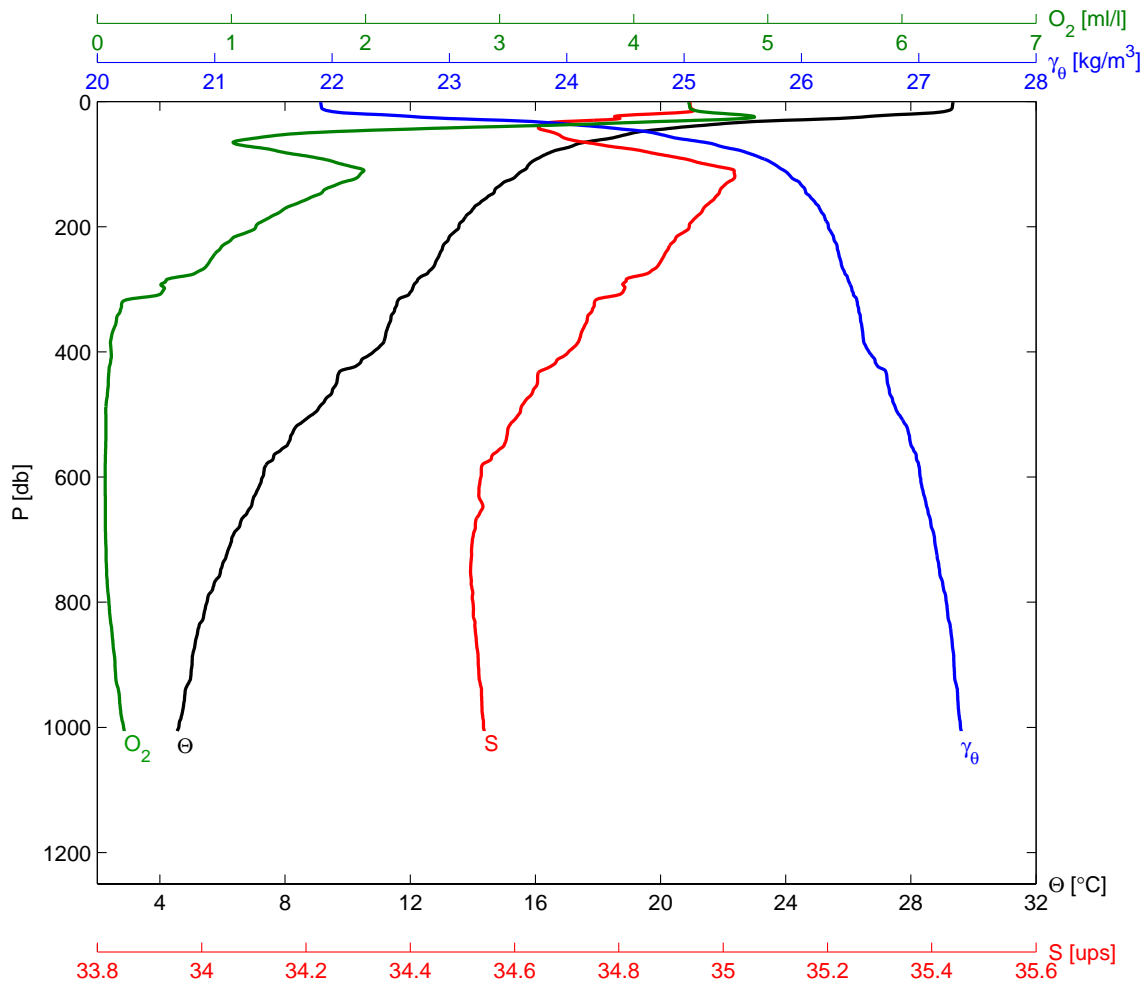
ESTACION C05	LANCE 88	LATITUD 24 26.2		LONGITUD 109 26.7		DD MM 13 8	AA 2004	H[UT] 1257	
PROFTOT [m]	TEMSUP [°C]	SALSUP [ups]	TEBUHU [°C]	TEBUSE [°C]	V-MAG [m/s]	DIR [AZM]	NUBES [1/8]	BAROM [bar]	
1467.0	30.2	35.15	78.1	29.3	2.0	122	9	1013.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	30.188	35.154	21.779	4.433	160.0	14.694	34.995	26.036	1.687
5.0	30.191	35.154	21.779	4.438	180.0	14.327	34.979	26.103	1.537
10.0	30.195	35.154	21.777	4.445	200.0	13.992	34.964	26.162	1.407
20.0	28.262	34.913	22.246	4.825	300.0	12.412	34.853	26.396	0.727
30.0	24.298	34.699	23.327	4.311	400.0	10.827	34.712	26.583	0.129
40.0	21.579	34.664	24.081	2.649	500.0	8.735	34.595	26.843	0.062
50.0	20.133	34.683	24.486	1.894	600.0	7.130	34.540	27.039	0.061
60.0	18.975	34.700	24.799	1.581	700.0	6.182	34.518	27.149	0.065
80.0	17.825	34.713	25.096	0.865	800.0	5.577	34.520	27.226	0.085
100.0	16.438	34.823	25.511	0.984	900.0	5.039	34.533	27.300	0.127
120.0	15.848	34.974	25.763	1.827	1000.0	4.492	34.545	27.372	0.224
140.0	15.091	35.011	25.961	1.843	1002.0	4.489	34.545	27.372	0.224



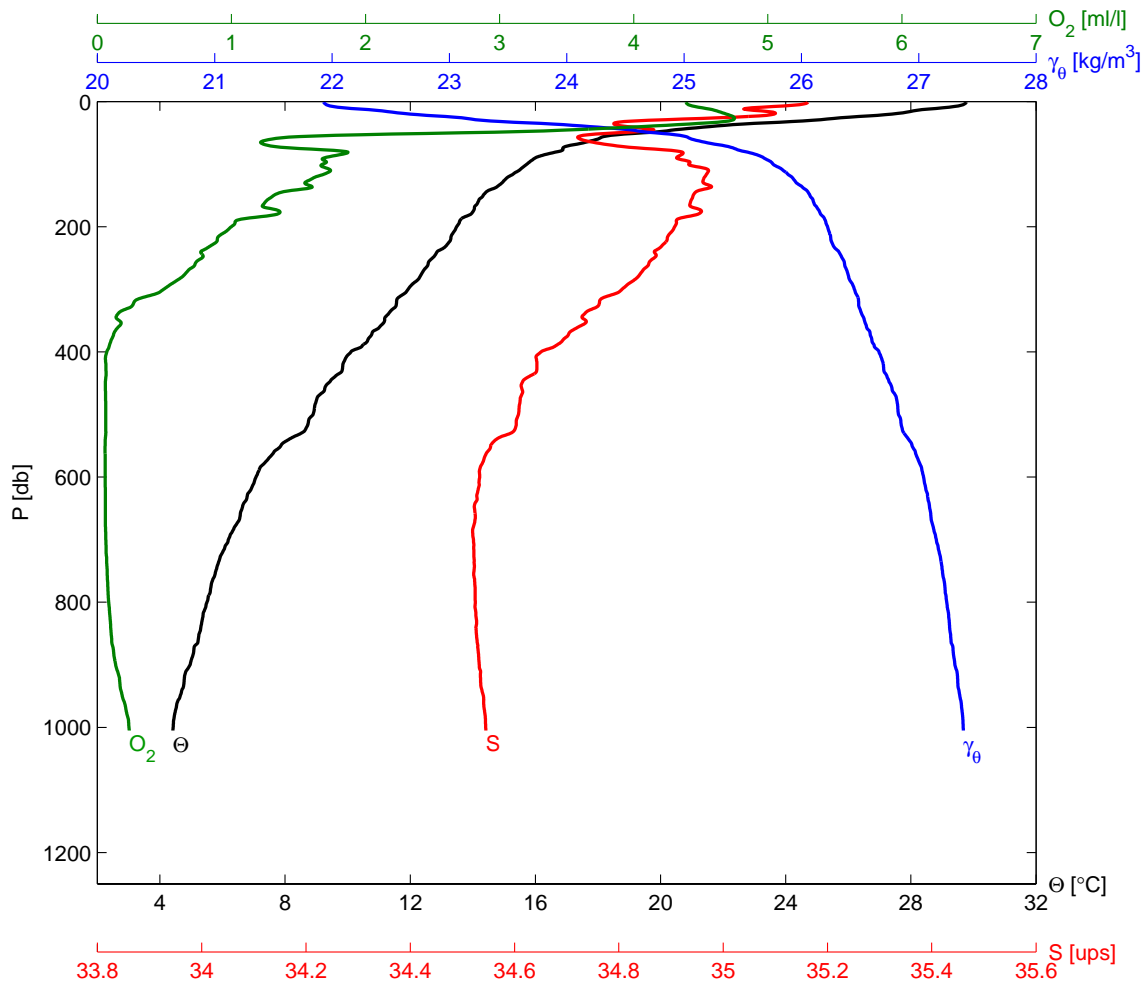
ESTACION C06	LANCE 89	LATITUD 24 29.6	LONGITUD 109 21.6	DD MM 13 8	AA 2004	H[UT] 1425			
PROFTOT [m] 2692.0	TEMSUP [°C] 30.2	SALSUP [ups] 35.17	TEBUHU [°C] 81.0	TEBUSE [°C] 29.5	V-MAG [m/s] 2.3	DIR [AZM] 122	NUBES [1/8] 9	BAROM [bar] 1013.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m <sup>3</sup> ]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m <sup>3</sup> ]	O <sub>2</sub> [ml/l]
2.0	30.212	35.171	21.784	4.472	160.0	14.511	34.988	26.070	1.627
5.0	30.211	35.170	21.784	4.476	180.0	14.017	34.966	26.158	1.424
10.0	30.206	35.169	21.785	4.482	200.0	13.674	34.943	26.212	1.249
20.0	29.334	35.065	22.003	4.669	300.0	12.362	34.855	26.407	0.761
30.0	23.660	34.686	23.506	4.171	400.0	11.078	34.718	26.543	0.114
40.0	21.094	34.668	24.217	2.395	500.0	8.799	34.611	26.846	0.070
50.0	20.272	34.685	24.451	1.961	600.0	7.251	34.534	27.017	0.059
60.0	19.647	34.692	24.621	1.684	700.0	6.442	34.523	27.119	0.061
80.0	17.256	34.769	25.277	1.004	800.0	5.595	34.520	27.224	0.082
100.0	16.096	34.924	25.668	1.600	900.0	5.067	34.532	27.296	0.124
120.0	15.513	35.015	25.871	1.949	1000.0	4.563	34.543	27.362	0.206
140.0	15.047	35.011	25.971	1.832	1006.0	4.534	34.544	27.366	0.211



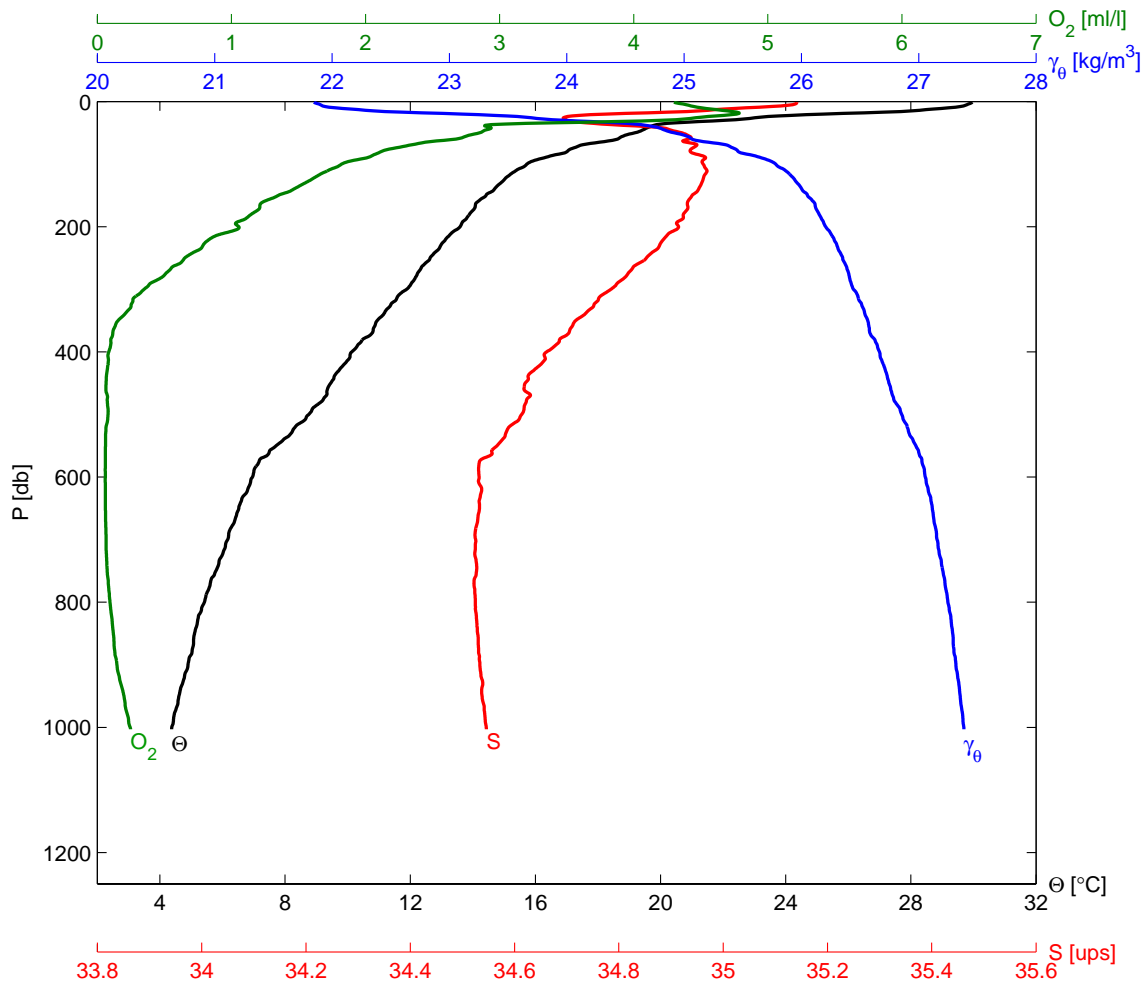
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
C07	90	24	33.1	109	16.6	13	8	2004	1555
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2709.0	29.3	34.94	81.7	29.6	1.1	133	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.342	34.937	21.904	4.411	160.0	14.268	34.976	26.113	1.521
5.0	29.334	34.937	21.907	4.414	180.0	13.839	34.955	26.187	1.332
10.0	29.322	34.938	21.912	4.419	200.0	13.556	34.935	26.230	1.182
20.0	27.983	34.859	22.296	4.726	300.0	12.066	34.810	26.430	0.498
30.0	23.991	34.753	23.459	4.480	400.0	10.828	34.704	26.576	0.103
40.0	20.880	34.647	24.259	2.990	500.0	8.876	34.608	26.831	0.064
50.0	19.139	34.676	24.739	1.577	600.0	7.283	34.536	27.014	0.059
60.0	18.246	34.702	24.984	1.126	700.0	6.291	34.519	27.135	0.062
80.0	16.537	34.851	25.510	1.360	800.0	5.501	34.520	27.236	0.086
100.0	15.805	34.967	25.768	1.823	900.0	5.027	34.531	27.300	0.132
120.0	15.366	35.022	25.909	1.946	1000.0	4.604	34.540	27.356	0.196
140.0	14.720	34.995	26.030	1.701	1006.0	4.557	34.542	27.362	0.201



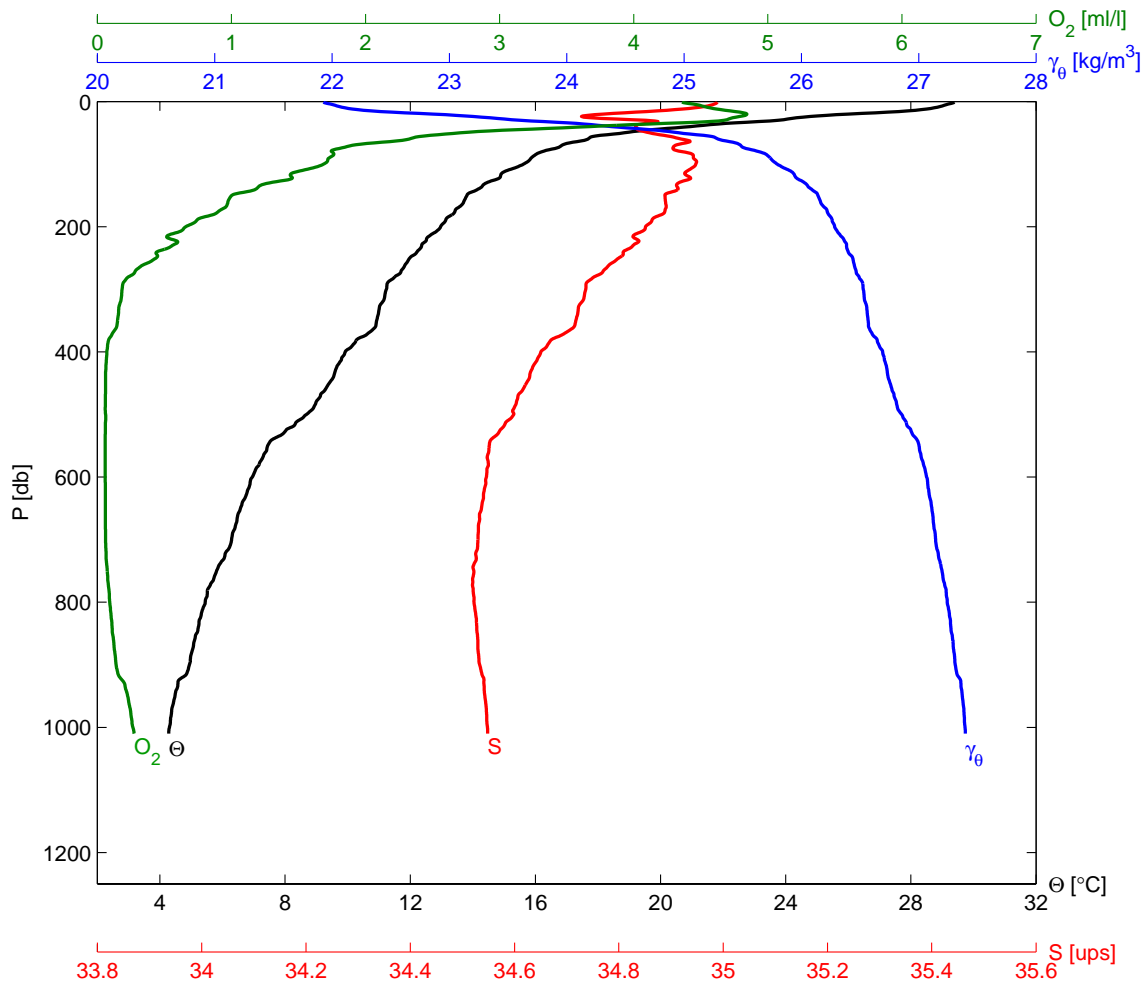
ESTACION C08	LANCE 91	LATITUD 24 36.6	LONGITUD 109 11.7	DD MM 13 8	AA 2004	H[UT] 1727			
PROFTOT [m] 2825.0	TEMSUP [°C] 29.8	SALSUP [ups] 35.17	TEBUHU [°C] 84.7	TEBUSE [°C] 29.6	V-MAG [m/s] 1.3	DIR [AZM] 147	NUBES [1/8] 9	BAROM [bar] 1014.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m <sup>3</sup> ]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m <sup>3</sup> ]	O <sub>2</sub> [ml/l]
2.0	29.761	35.162	21.932	4.392	160.0	14.175	34.938	26.103	1.255
5.0	29.670	35.147	21.952	4.407	180.0	13.933	34.952	26.165	1.340
10.0	29.023	35.053	22.099	4.510	200.0	13.484	34.907	26.223	0.999
20.0	27.393	35.098	22.668	4.690	300.0	11.932	34.806	26.452	0.495
30.0	24.854	34.855	23.278	4.731	400.0	10.107	34.651	26.661	0.071
40.0	21.576	34.816	24.197	4.061	500.0	8.893	34.607	26.828	0.063
50.0	19.452	34.797	24.751	2.714	600.0	7.071	34.533	27.041	0.059
60.0	17.996	34.725	25.064	1.301	700.0	6.189	34.521	27.150	0.063
80.0	16.723	34.919	25.519	1.856	800.0	5.504	34.525	27.239	0.085
100.0	15.728	34.933	25.759	1.681	900.0	4.966	34.532	27.309	0.137
120.0	15.144	34.965	25.914	1.633	1000.0	4.423	34.545	27.379	0.236
140.0	14.608	34.964	26.031	1.531	1005.0	4.414	34.545	27.380	0.238



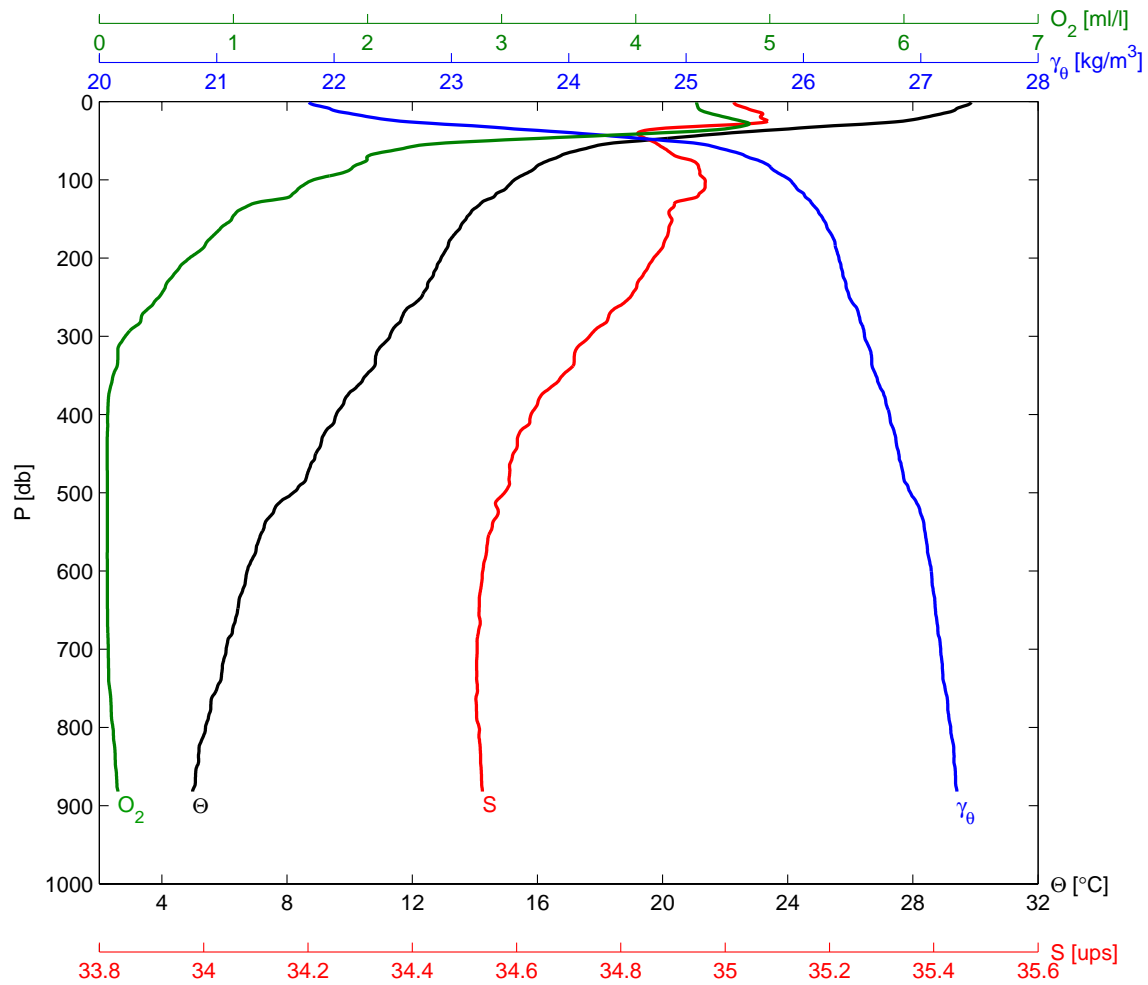
ESTACION C09	LANCE 92	LATITUD 24 39.8	LONGITUD 109 6.7	DD MM 13 8	AA 2004	H[UT] 1855			
PROFTOT [m] 2900.0	TEMSUP [°C] 30.1	SALSUP [ups] 35.07	TEBUHU [°C] 85.1	TEBUSE [°C] 29.7	V-MAG [m/s] 1.5	DIR [AZM] 131	NUBES [1/8] 9	BAROM [bar] 1013.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	29.945	35.141	21.853	4.311	160.0	14.159	34.932	26.102	1.240
5.0	29.790	35.135	21.901	4.391	180.0	13.895	34.924	26.151	1.149
10.0	29.215	35.044	22.027	4.505	200.0	13.592	34.915	26.207	1.055
20.0	25.197	34.773	23.111	4.765	300.0	11.889	34.785	26.444	0.349
30.0	22.059	34.700	23.975	4.208	400.0	10.131	34.662	26.666	0.085
40.0	19.669	34.855	24.739	2.906	500.0	8.754	34.614	26.855	0.080
50.0	19.182	34.921	24.915	2.851	600.0	6.958	34.532	27.056	0.060
60.0	18.628	34.934	25.067	2.674	700.0	6.164	34.525	27.157	0.065
80.0	17.016	34.937	25.463	2.117	800.0	5.422	34.525	27.249	0.094
100.0	15.725	34.962	25.782	1.822	900.0	4.899	34.534	27.317	0.146
120.0	15.106	34.963	25.921	1.632	1000.0	4.379	34.546	27.385	0.245
140.0	14.689	34.953	26.004	1.464	1003.0	4.373	34.546	27.386	0.248



ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
C10	93	24 43.5	109 1.7	13	8	2004	2032		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1925.0	29.7	34.99	77.7	30.0	1.7	191	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.362	34.988	21.936	4.373	160.0	13.713	34.889	26.162	0.975
5.0	29.128	34.980	22.009	4.470	180.0	13.361	34.884	26.230	0.872
10.0	28.747	34.946	22.110	4.568	200.0	12.971	34.851	26.284	0.659
20.0	25.998	34.770	22.862	4.844	300.0	11.237	34.737	26.528	0.185
30.0	23.760	34.854	23.603	4.674	400.0	9.923	34.650	26.693	0.071
40.0	20.954	34.832	24.380	3.673	500.0	8.678	34.599	26.855	0.062
50.0	18.837	34.859	24.956	2.708	600.0	6.953	34.546	27.068	0.059
60.0	17.680	34.920	25.290	2.325	700.0	6.291	34.530	27.144	0.062
80.0	16.223	34.921	25.636	1.747	800.0	5.449	34.522	27.244	0.093
100.0	15.622	34.947	25.794	1.687	900.0	4.945	34.533	27.312	0.140
120.0	14.882	34.935	25.948	1.448	1000.0	4.304	34.548	27.395	0.266
140.0	14.170	34.914	26.085	1.182	1010.0	4.281	34.548	27.397	0.274

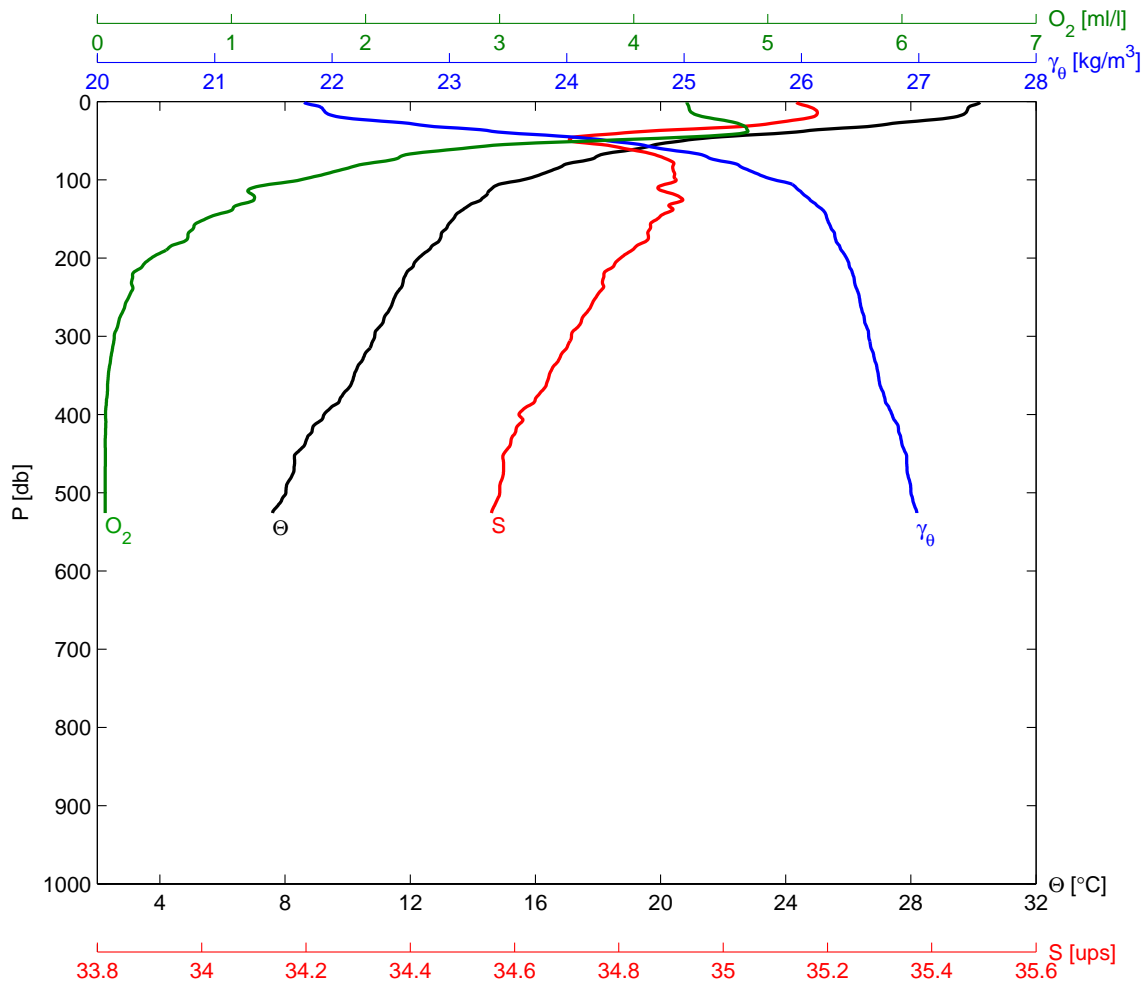


ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
C11	94	24 47.0	108 56.8	13	8	2004	2210		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
903.0	29.9	35.02	69.0	30.3	1.4	213	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.850	35.017	21.792	4.454	140.0	13.901	34.893	26.126	1.033
5.0	29.700	35.024	21.849	4.459	160.0	13.545	34.893	26.200	0.915
10.0	29.372	35.046	21.976	4.474	180.0	13.169	34.883	26.269	0.800
20.0	28.412	35.067	22.312	4.669	200.0	12.923	34.863	26.303	0.673
30.0	25.934	35.003	23.058	4.832	300.0	11.286	34.740	26.521	0.194
40.0	22.209	34.832	24.033	4.200	400.0	9.575	34.628	26.733	0.062
50.0	19.304	34.858	24.836	2.907	500.0	8.195	34.577	26.913	0.060
60.0	17.550	34.884	25.294	2.266	600.0	6.727	34.535	27.090	0.060
80.0	16.093	34.947	25.686	1.934	700.0	6.053	34.525	27.170	0.067
100.0	15.271	34.962	25.883	1.600	800.0	5.393	34.528	27.255	0.101
120.0	14.649	34.949	26.010	1.432	882.0	4.983	34.535	27.308	0.138

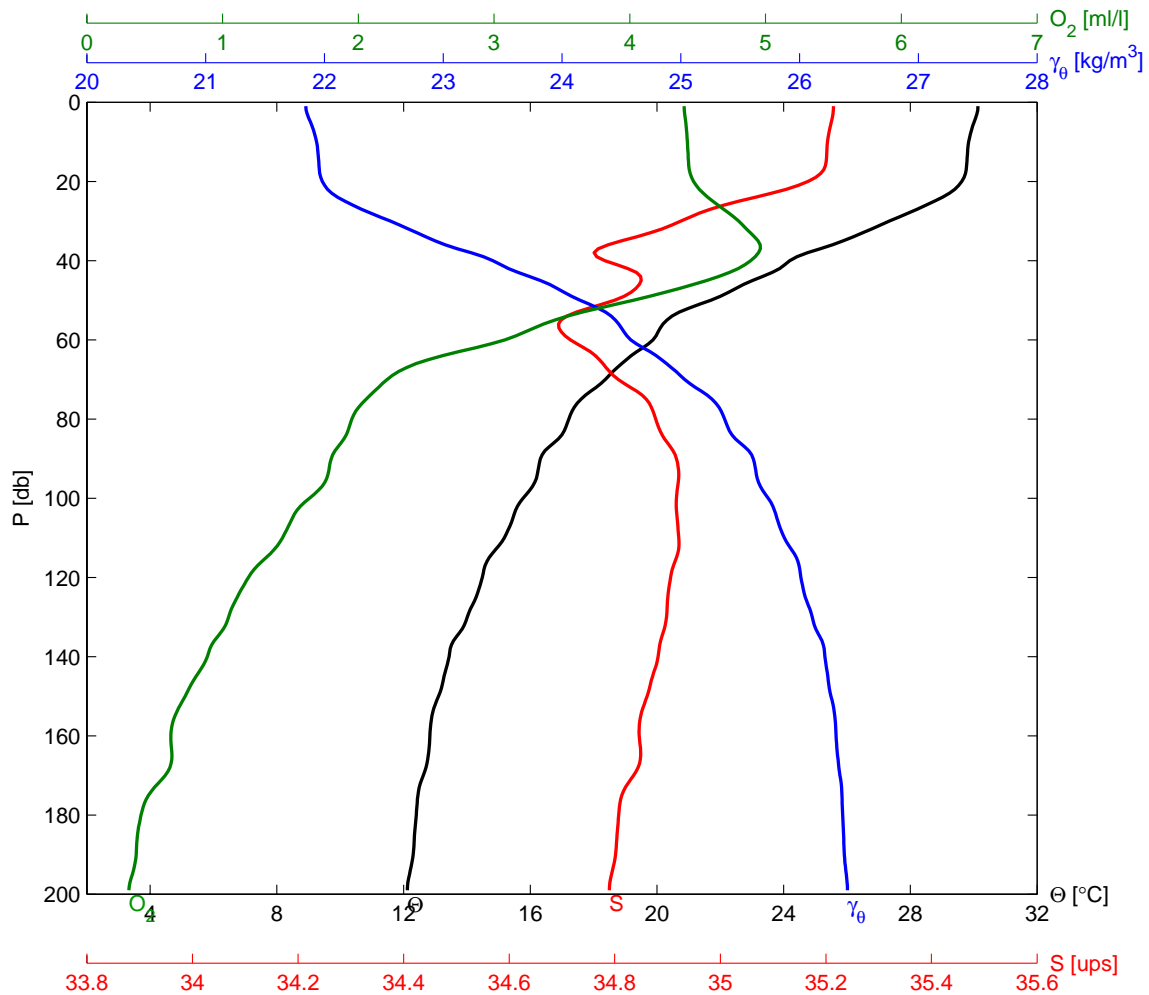




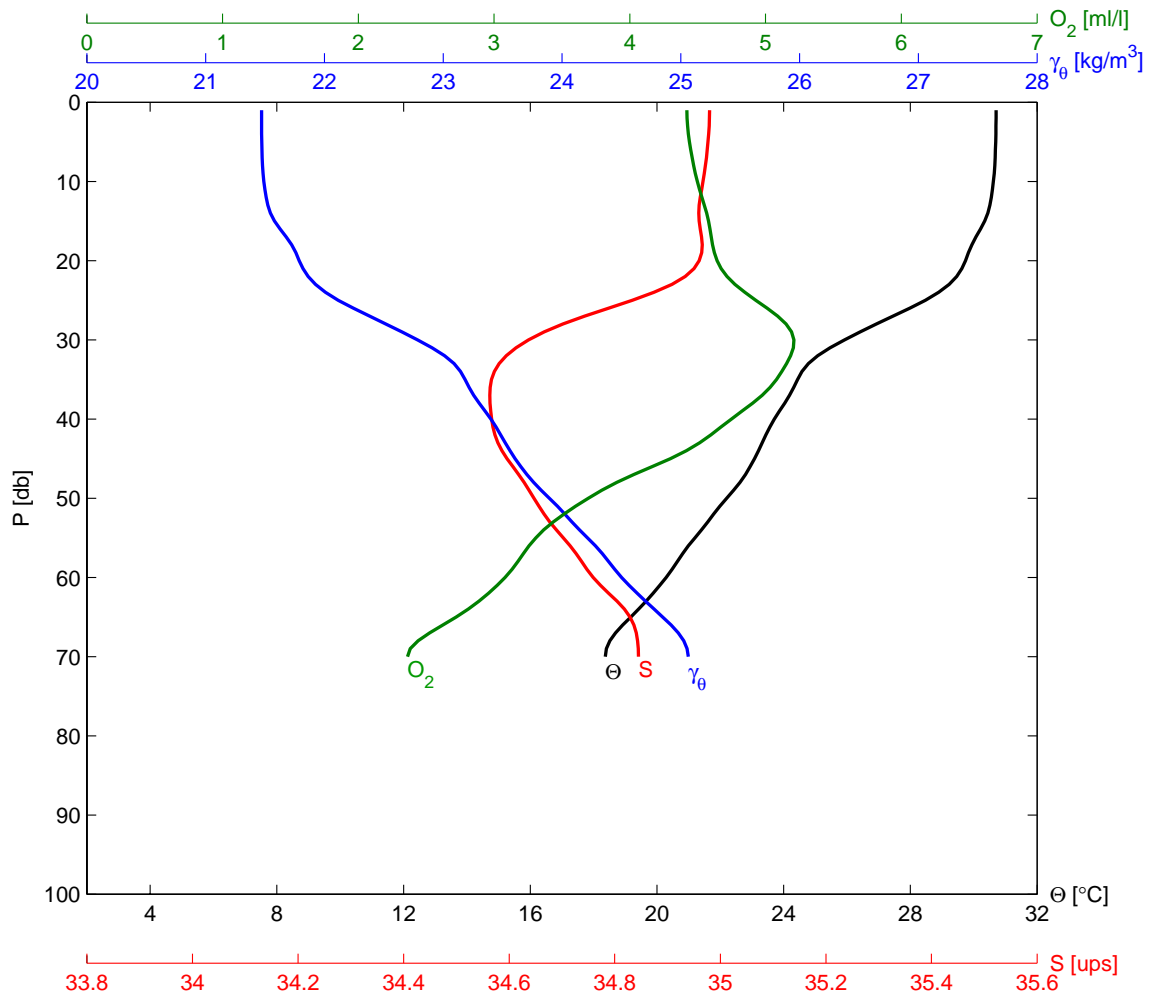
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
C12	95	24 50.6	108 51.8	13	8	2004	2336		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
547.0	30.3	35.13	68.8	30.4	2.0	224	9	1010.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.189	35.141	21.770	4.398	100.0	15.614	34.910	25.767	1.519
5.0	29.968	35.157	21.857	4.407	120.0	14.427	34.912	26.029	1.166
10.0	29.814	35.176	21.924	4.415	140.0	13.615	34.901	26.191	0.988
20.0	29.372	35.171	22.070	4.535	160.0	13.185	34.861	26.249	0.720
30.0	27.073	35.070	22.749	4.807	180.0	12.875	34.848	26.301	0.631
40.0	24.017	34.811	23.495	4.827	200.0	12.272	34.803	26.385	0.403
50.0	20.711	34.705	24.349	3.724	300.0	10.864	34.709	26.574	0.126
60.0	19.318	34.810	24.796	2.722	400.0	9.245	34.608	26.772	0.061
80.0	16.975	34.906	25.449	1.986	500.0	8.026	34.572	26.934	0.059
526.0	7.601	34.556	26.984	0.058					



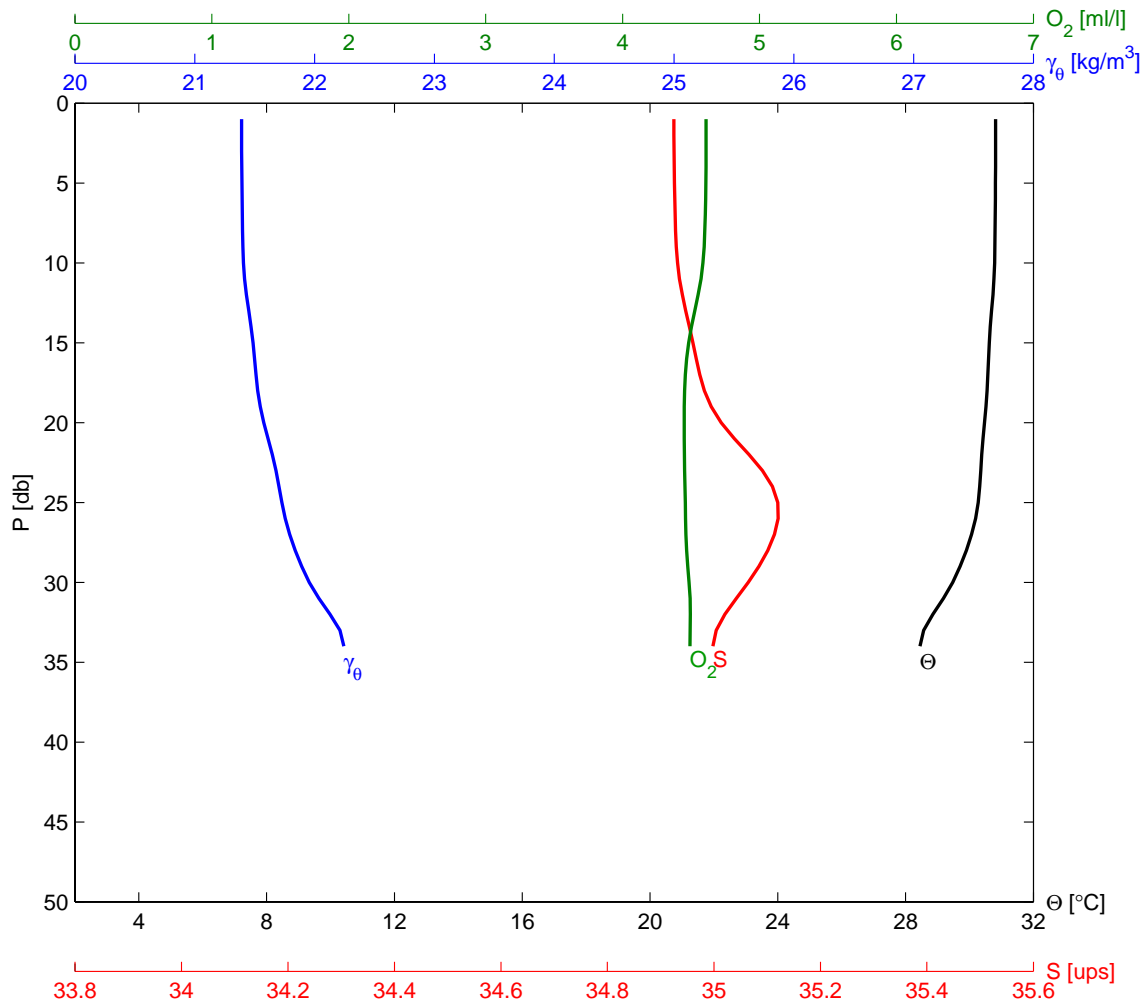
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
C13	96	24 54.2	108 47.0	14	8	2004	0058		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
211.0	30.1	35.22	71.3	30.1	2.3	193	9	1010.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.126	35.214	21.846	4.401	60.0	19.875	34.716	24.579	3.079
5.0	30.010	35.210	21.883	4.412	80.0	17.216	34.878	25.370	1.952
10.0	29.840	35.203	21.935	4.424	100.0	15.772	34.917	25.736	1.640
20.0	29.624	35.168	21.982	4.469	120.0	14.485	34.906	26.012	1.190
30.0	27.346	34.926	22.554	4.801	140.0	13.435	34.882	26.214	0.887
40.0	24.192	34.780	23.420	4.891	160.0	12.831	34.846	26.308	0.619
50.0	21.695	34.801	24.153	4.025	180.0	12.401	34.807	26.363	0.400
199.0	12.116	34.789	26.404	0.310					



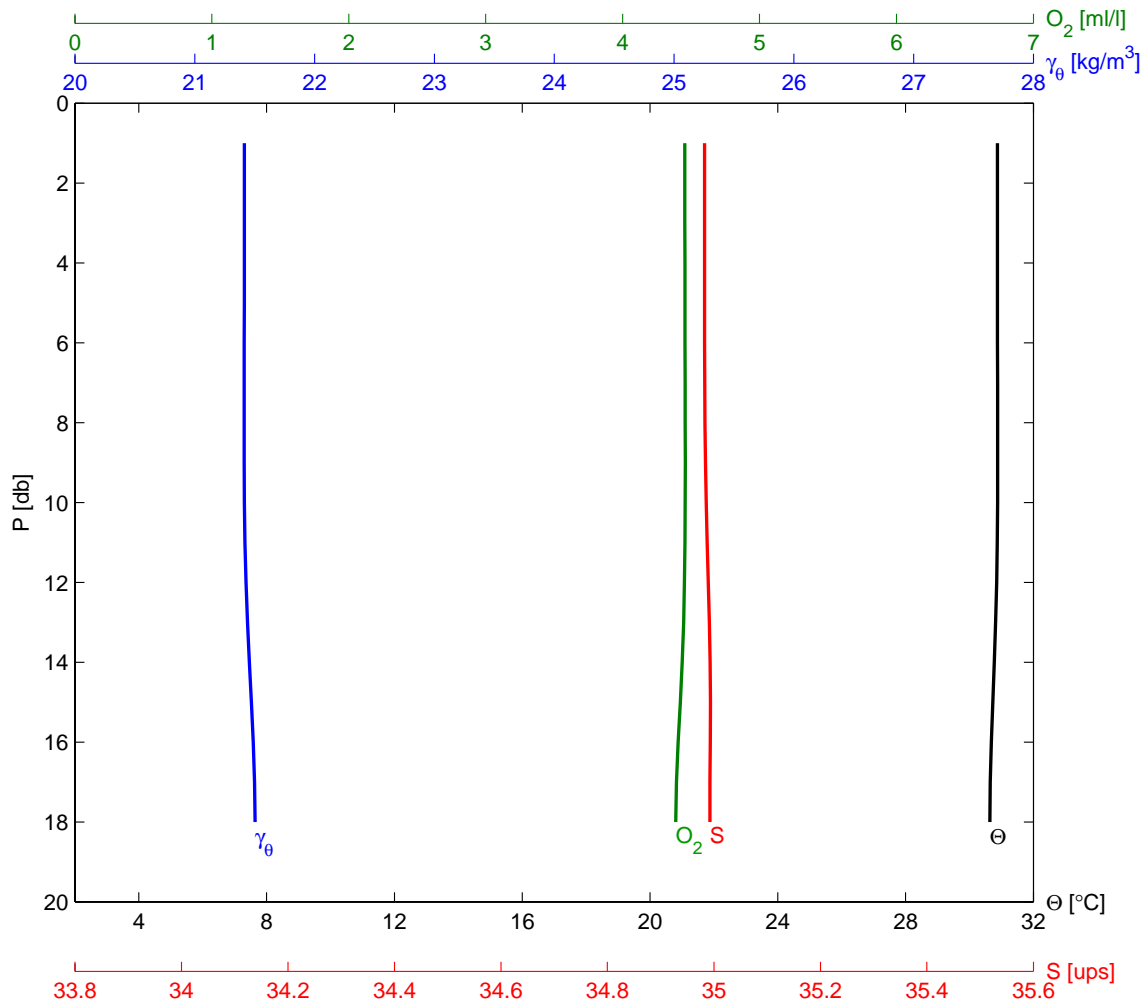
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
C14	97	24 57.7	108 42.0	14	8	2004	0002		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
3.0	30.7	34.98	72.3	29.8	2.1	198	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.705	34.979	21.471	4.422	30.0	25.923	34.635	22.784	5.208
5.0	30.694	34.977	21.473	4.439	40.0	23.706	34.567	23.402	4.748
10.0	30.621	34.967	21.491	4.497	50.0	22.201	34.647	23.895	3.694
20.0	29.739	34.961	21.788	4.643	60.0	20.289	34.759	24.502	3.081
70.0	18.368	34.845	25.063	2.362					



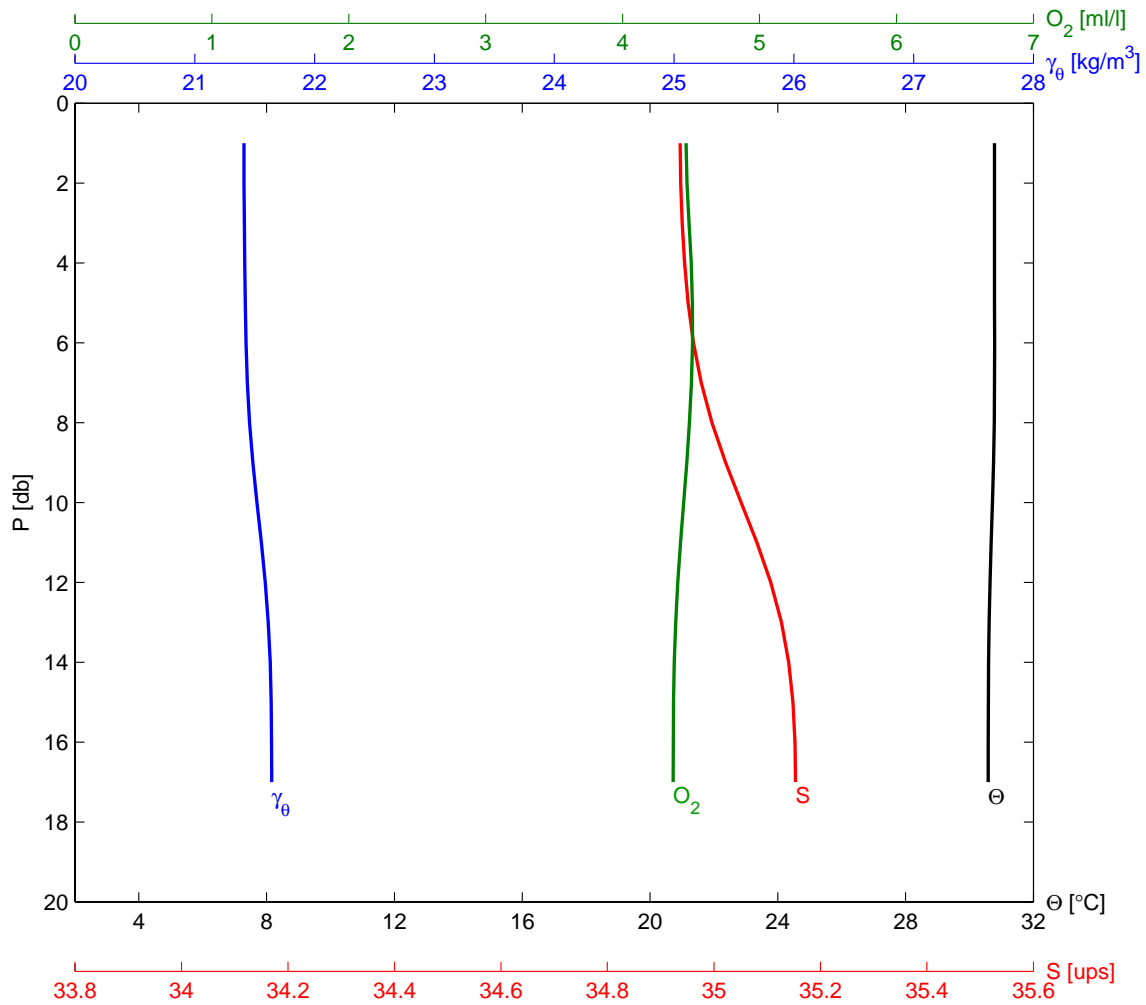
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
C15	98	25	1.2	108	36.9	14	8	2004	0003
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
4.0	30.8	34.98	78.9	30.1	1.7	198	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.816	34.925	21.392	4.610	20.0	30.470	35.012	21.577	4.449
5.0	30.812	34.926	21.394	4.609	30.0	29.473	35.065	21.956	4.486
10.0	30.786	34.931	21.407	4.587	34.0	28.450	34.995	22.245	4.492



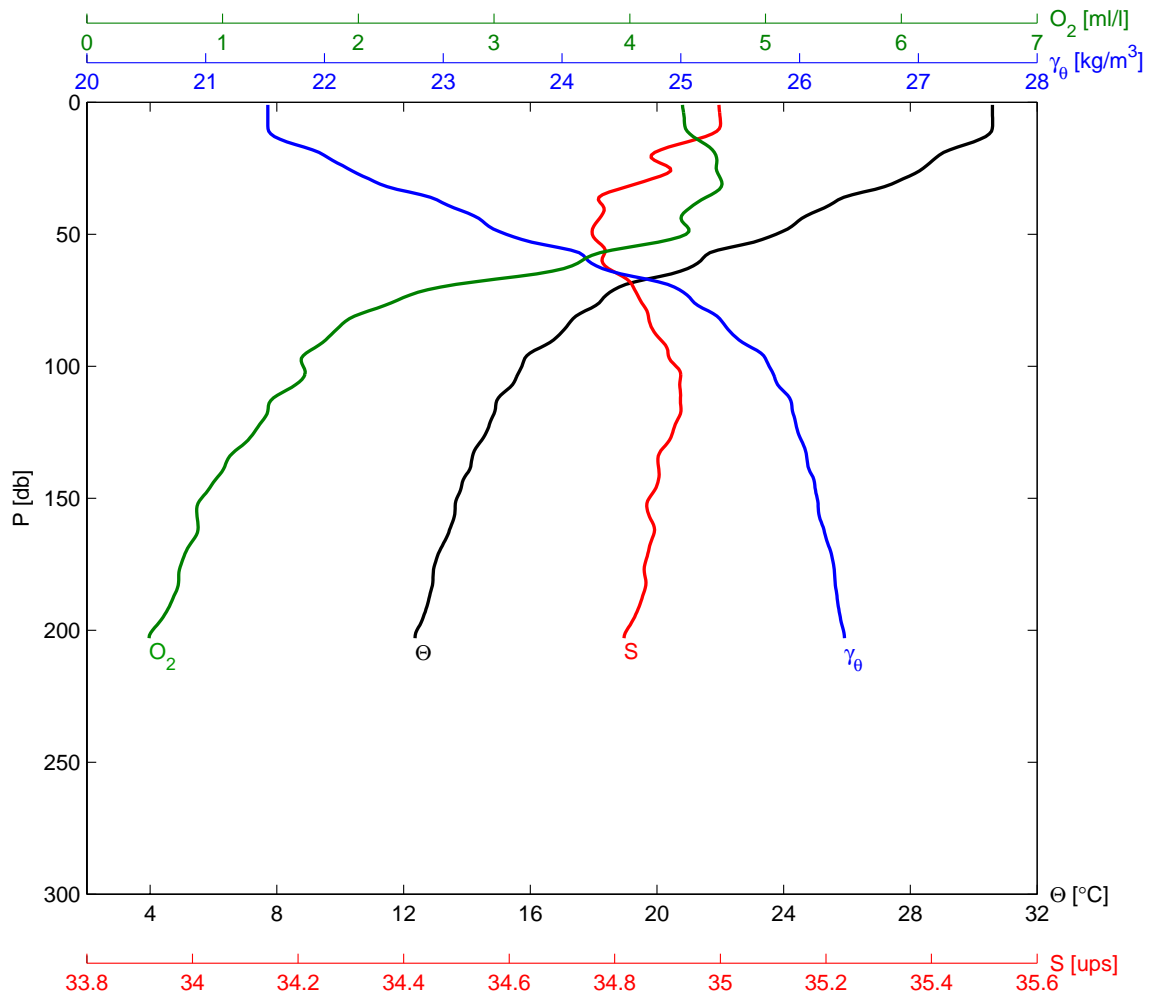
ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
C16	99		25	4.7	108	31.9	14	8	2004	0004
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
9.0	30.9	34.98	78.2	30.0	1.3	187	9	1013.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.874	34.983	21.415	4.454	10.0	30.880	34.985	21.415	4.457	
5.0	30.876	34.982	21.414	4.455	18.0	30.637	34.992	21.504	4.387	



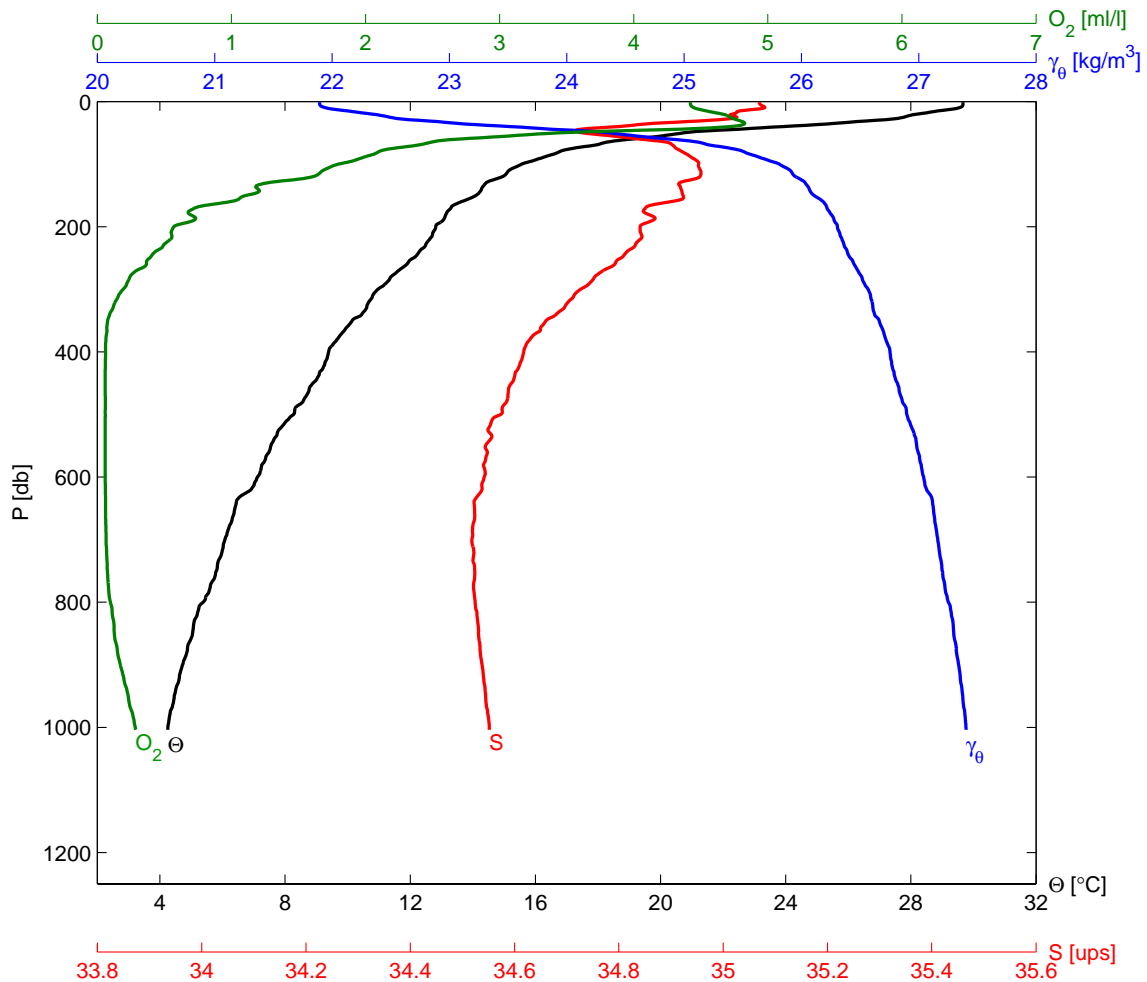
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
D16	100	25 15.4	108 58.5	14	8	2004	0008		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2.0	30.8	34.52	82.2	29.4	1.8	204	9	1013.0	
PR	$\Theta$	SA	$\gamma$	O <sub>2</sub>	PR	$\Theta$	SA	$\gamma$	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.784	34.937	21.412	4.470	10.0	30.720	35.051	21.519	4.446
5.0	30.784	34.951	21.422	4.510	17.0	30.586	35.154	21.643	4.369



ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
D15	101	25 12.0	109 3.6	14	8	2004	009		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2.0	30.6	35.00	85.3	29.4	1.1	134	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.590	34.998	21.524	4.389	80.0	17.573	34.863	25.272	2.022
5.0	30.592	34.999	21.524	4.399	100.0	15.734	34.916	25.745	1.594
10.0	30.587	34.999	21.526	4.411	120.0	14.772	34.920	25.961	1.304
20.0	28.912	34.868	21.997	4.634	140.0	14.043	34.884	26.089	0.995
30.0	27.590	34.855	22.421	4.676	160.0	13.513	34.874	26.191	0.820
40.0	25.279	34.781	23.092	4.441	180.0	12.932	34.858	26.297	0.677
50.0	23.755	34.757	23.531	4.414	200.0	12.422	34.823	26.370	0.484
60.0	21.383	34.775	24.220	3.647	203.0	12.361	34.817	26.378	0.458

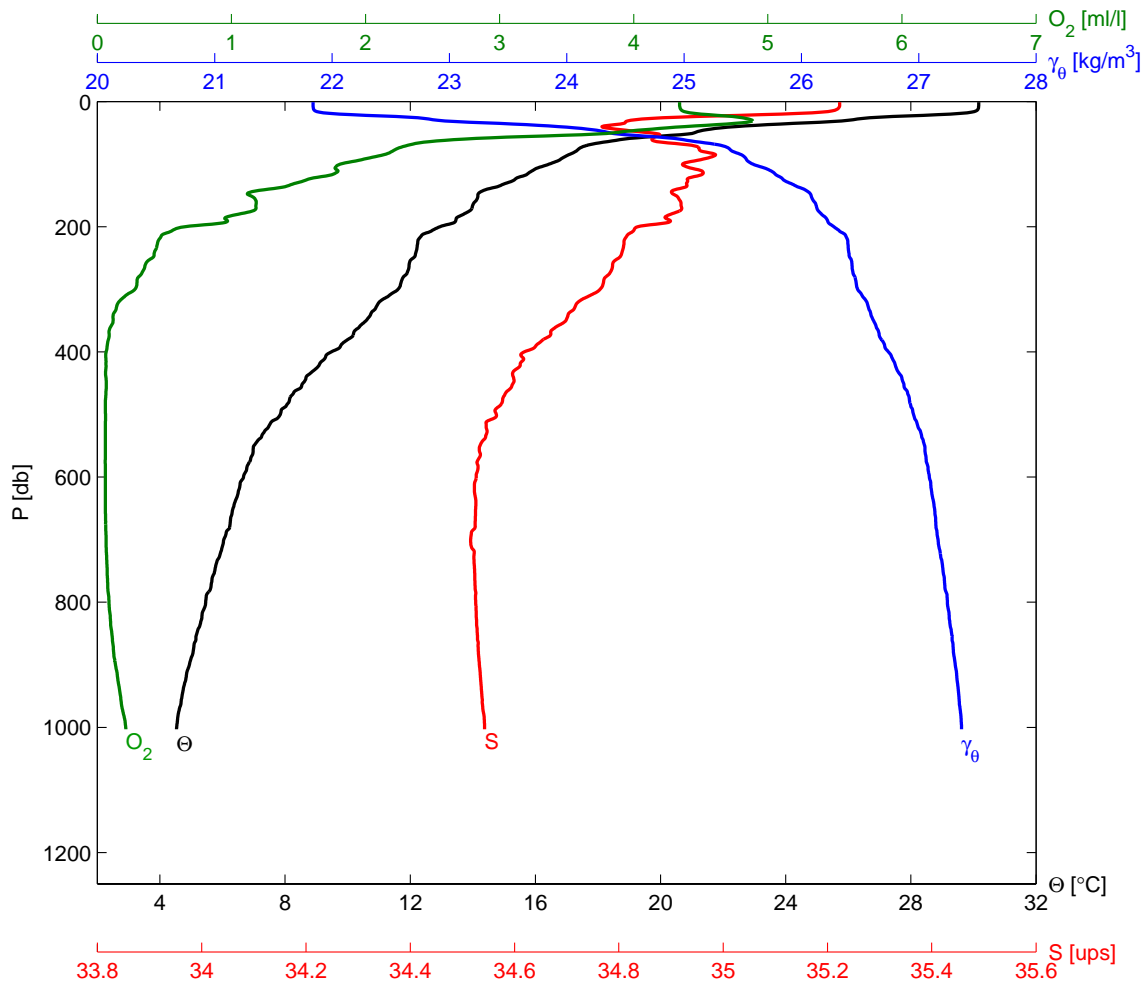


ESTACION D14	LANCE 102	LATITUD 25 8.4		LONGITUD 109 8.4		DD	MM	AA	H[UT] 1011
PROFTOT [m] 1365.0	TEMSUP [°C] 29.7	SALSUP [ups] 35.07	TEBUHU [°C] 87.2	TEBUSE [°C] 29.1	V-MAG [m/s] 0.7	DIR [AZM] 197	NUBES [1/8] 9	BAROM [bar] 1012.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	29.666	35.069	21.894	4.422	160.0	13.638	34.900	26.186	0.992
5.0	29.665	35.071	21.896	4.424	180.0	13.145	34.856	26.253	0.688
10.0	29.538	35.081	21.946	4.451	200.0	12.813	34.841	26.307	0.570
20.0	28.209	35.018	22.342	4.661	300.0	10.966	34.726	26.569	0.192
30.0	26.884	34.975	22.738	4.782	400.0	9.393	34.618	26.755	0.061
40.0	23.906	34.801	23.520	4.721	500.0	8.271	34.574	26.898	0.059
50.0	20.749	34.729	24.357	3.451	600.0	7.116	34.542	27.042	0.059
60.0	19.082	34.840	24.879	2.695	700.0	6.076	34.518	27.162	0.065
80.0	16.777	34.921	25.508	2.099	800.0	5.383	34.524	27.253	0.097
100.0	15.559	34.953	25.812	1.797	900.0	4.724	34.538	27.340	0.172
120.0	14.949	34.956	25.950	1.608	1000.0	4.255	34.552	27.403	0.283
140.0	14.277	34.919	26.067	1.199	1004.0	4.252	34.552	27.403	0.285

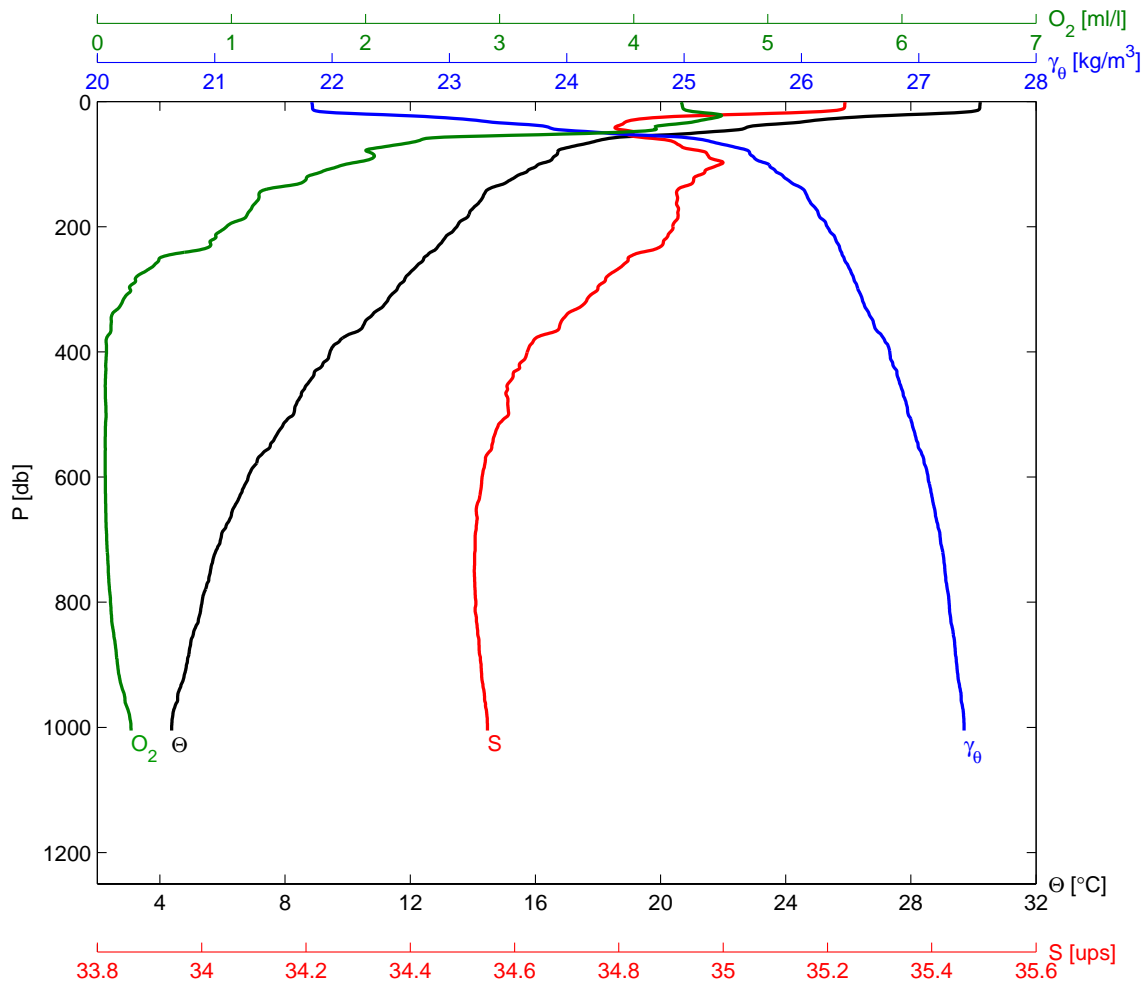




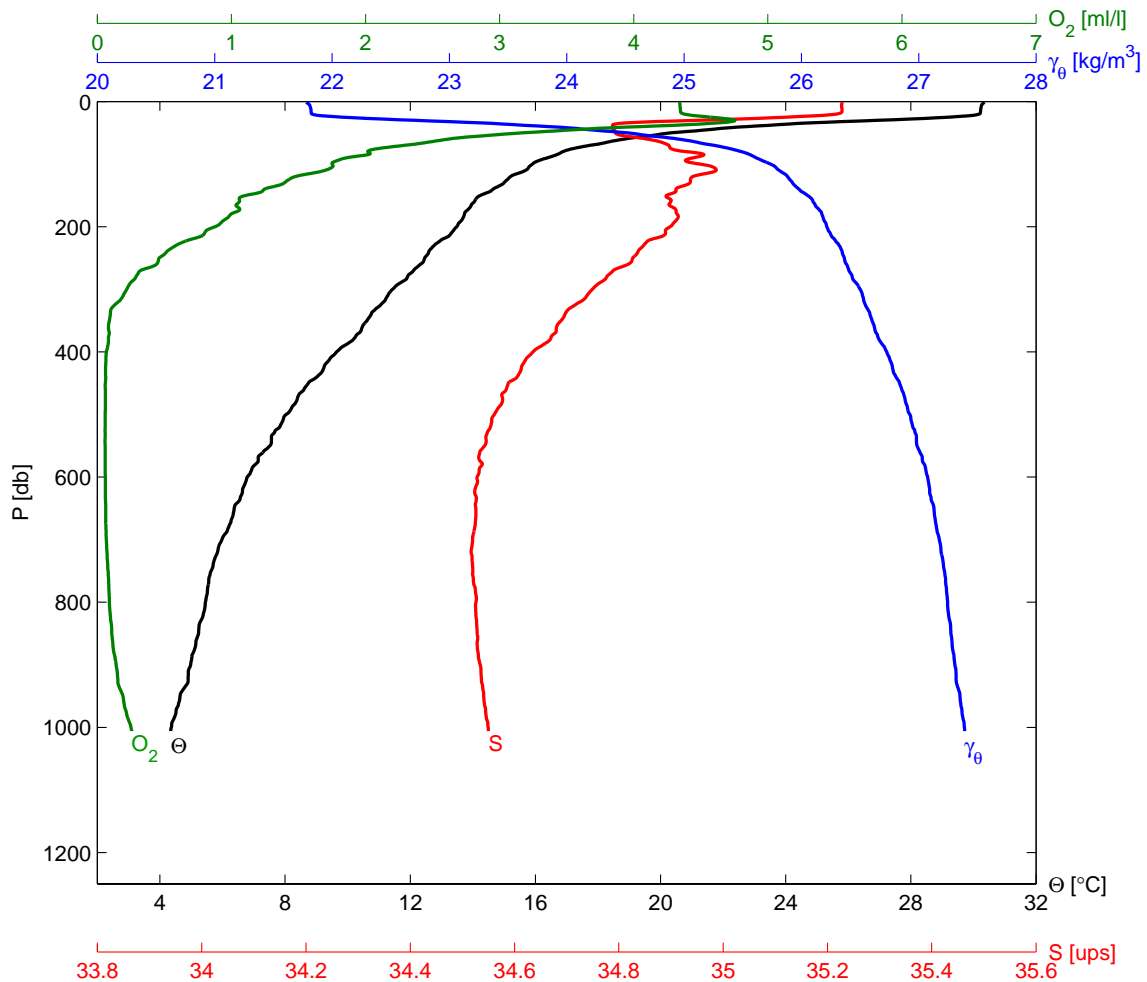
ESTACION D12	LANCE 104	LATITUD 25 1.2		LONGITUD 109 17.8		DD	MM	AA	H[UT] 1324
PROFTOT [m] 1751.0	TEMSUP [°C] 30.2	SALSUP [ups] 35.22	TEBUHU [°C] 82.2	TEBUSE [°C] 29.5	V-MAG [m/s] 0.9	DIR [AZM] 178	NUBES [1/8] 9	BAROM [bar] 1012.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	30.169	35.223	21.838	4.342	160.0	14.073	34.918	26.109	1.185
5.0	30.168	35.224	21.839	4.342	180.0	13.703	34.900	26.172	1.051
10.0	30.160	35.222	21.840	4.345	200.0	12.949	34.836	26.276	0.652
20.0	29.263	35.113	22.063	4.501	300.0	11.612	34.764	26.480	0.280
30.0	26.003	34.822	22.900	4.885	400.0	9.480	34.619	26.742	0.066
40.0	22.408	34.766	23.927	4.382	500.0	7.845	34.565	26.956	0.061
50.0	21.081	34.861	24.368	3.850	600.0	6.672	34.527	27.091	0.060
60.0	18.832	34.863	24.961	2.735	700.0	6.041	34.516	27.165	0.065
80.0	17.276	34.961	25.419	2.195	800.0	5.462	34.526	27.245	0.087
100.0	16.438	34.922	25.587	1.811	900.0	4.943	34.533	27.311	0.135
120.0	15.527	34.944	25.813	1.673	1000.0	4.536	34.543	27.365	0.212
140.0	14.464	34.912	26.021	1.279	1003.0	4.533	34.543	27.365	0.212



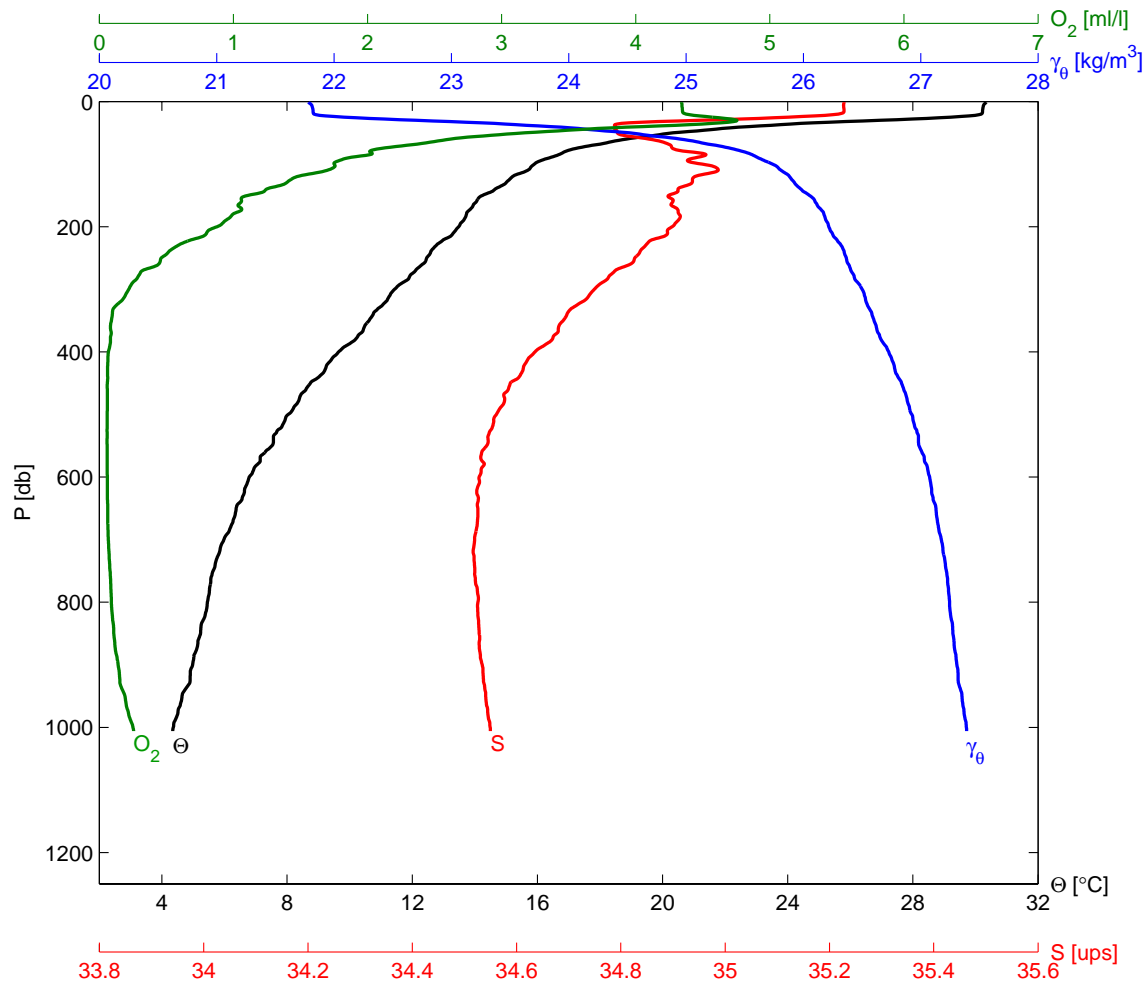
ESTACION D11	LANCE 105	LATITUD 24 57.7	LONGITUD 109 22.7	DD MM 14 8	AA 2004	H[UT] 1514			
PROFTOT [m] 1400.0	TEMSUP [°C] 30.2	SALSUP [ups] 35.23	TEBUHU [°C] 71.2	TEBUSE [°C] 29.9	V-MAG [m/s] 0.8	DIR [AZM] 210	NUBES [1/8] 9	BAROM [bar] 1013.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	30.216	35.233	21.830	4.356	160.0	14.220	34.911	26.073	1.188
5.0	30.209	35.233	21.832	4.360	180.0	13.880	34.914	26.146	1.119
10.0	30.201	35.233	21.834	4.366	200.0	13.490	34.904	26.219	0.963
20.0	28.436	35.050	22.291	4.620	300.0	11.581	34.760	26.482	0.245
30.0	24.936	34.823	23.229	4.502	400.0	9.437	34.624	26.753	0.068
40.0	22.834	34.794	23.827	4.160	500.0	8.266	34.588	26.911	0.065
50.0	21.189	34.827	24.312	3.784	600.0	6.821	34.538	27.079	0.060
60.0	18.232	34.878	25.122	2.429	700.0	5.936	34.524	27.185	0.070
80.0	16.715	34.964	25.555	2.016	800.0	5.346	34.526	27.259	0.098
100.0	16.115	34.996	25.719	1.857	900.0	4.851	34.536	27.325	0.151
120.0	15.380	34.947	25.848	1.566	1000.0	4.378	34.548	27.387	0.251
140.0	14.502	34.914	26.015	1.265	1005.0	4.373	34.548	27.387	0.252



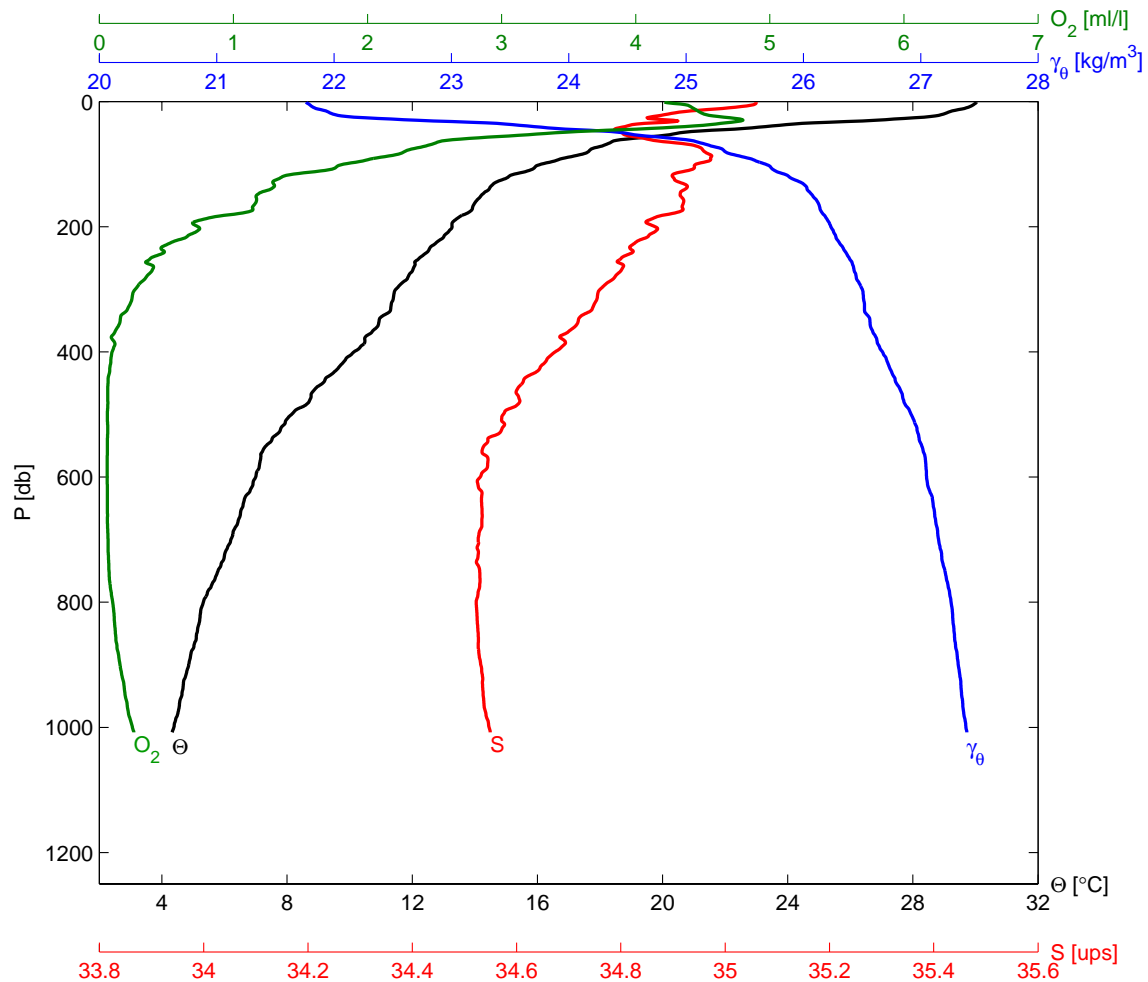
ESTACION D10	LANCE 106	LATITUD 24 54.1	LONGITUD 109 27.8	DD MM 14 8	AA 2004	H[UT] 1659			
PROFTOT [m] 2160.0	TEMSUP [°C] 30.2	SALSUP [ups] 35.23	TEBUHU [°C] 66.5	TEBUSE [°C] 30.1	V-MAG [m/s] 1.4	DIR [AZM] 173	NUBES [1/8] 9	BAROM [bar] 1013.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	30.330	35.228	21.786	4.342	160.0	14.050	34.900	26.100	1.059
5.0	30.268	35.227	21.807	4.344	180.0	13.734	34.912	26.175	0.996
10.0	30.239	35.228	21.817	4.347	200.0	13.483	34.898	26.217	0.878
20.0	30.185	35.218	21.829	4.376	300.0	11.436	34.749	26.501	0.219
30.0	26.954	34.952	22.699	4.756	400.0	9.648	34.635	26.727	0.068
40.0	22.761	34.789	23.844	4.053	500.0	8.035	34.561	26.924	0.059
50.0	20.341	34.793	24.515	3.176	600.0	6.791	34.528	27.076	0.059
60.0	18.842	34.854	24.951	2.620	700.0	5.981	34.520	27.176	0.067
80.0	16.881	34.928	25.489	2.016	800.0	5.454	34.526	27.246	0.090
100.0	15.901	34.956	25.737	1.751	900.0	4.982	34.534	27.308	0.140
120.0	15.204	34.941	25.883	1.474	1000.0	4.363	34.550	27.389	0.251
140.0	14.646	34.909	25.980	1.247	1006.0	4.346	34.550	27.392	0.256



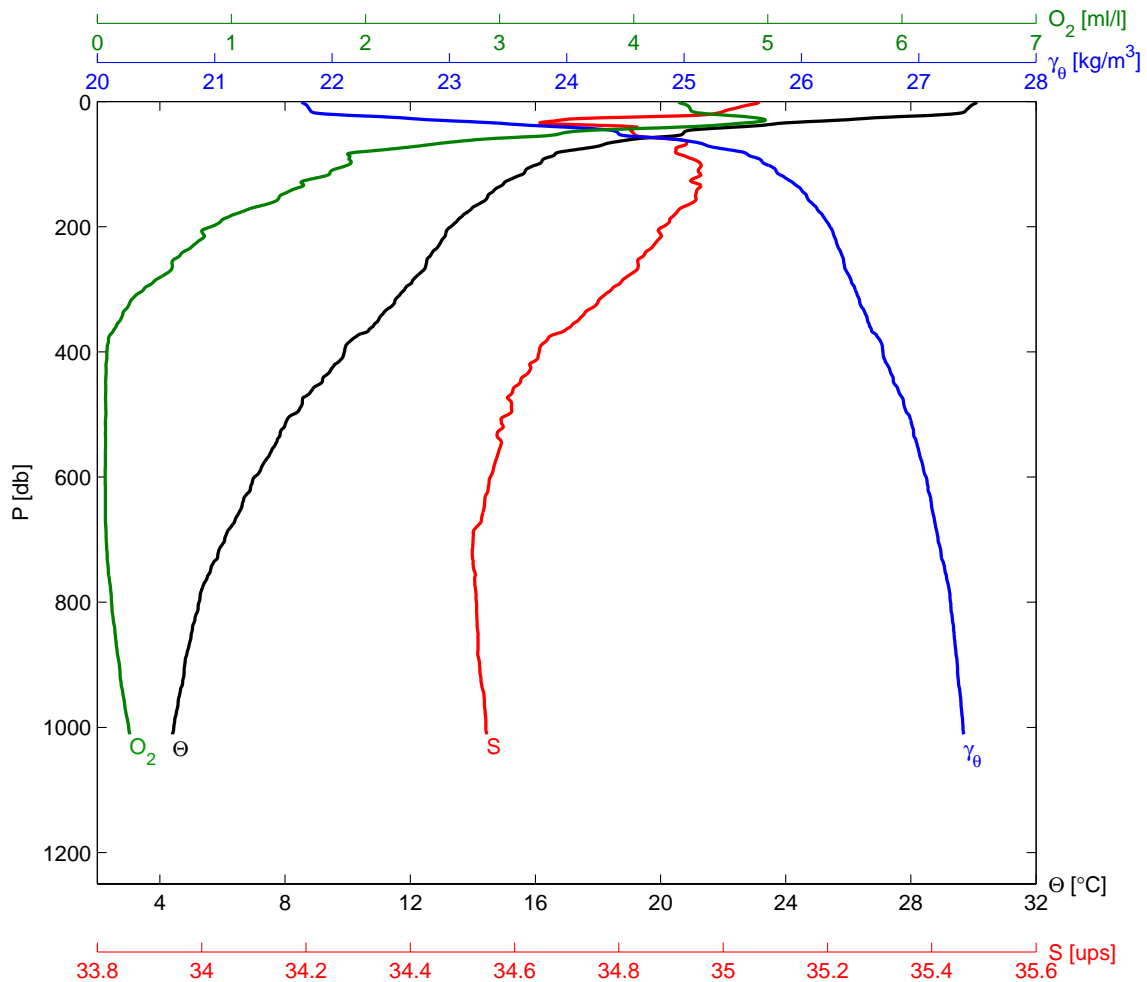
ESTACION D10	LANCE 106	LATITUD 24 54.1	LONGITUD 109 27.8	DD MM 14 8	AA 2004	H[UT] 1659			
PROFTOT [m] 2160.0	TEMSUP [°C] 30.2	SALSUP [ups] 35.23	TEBUHU [°C] 66.5	TEBUSE [°C] 30.1	V-MAG [m/s] 1.4	DIR [AZM] 173	NUBES [1/8] 9	BAROM [bar] 1013.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	30.330	35.228	21.786	4.342	160.0	14.050	34.900	26.100	1.059
5.0	30.268	35.227	21.807	4.344	180.0	13.734	34.912	26.175	0.996
10.0	30.239	35.228	21.817	4.347	200.0	13.483	34.898	26.217	0.878
20.0	30.185	35.218	21.829	4.376	300.0	11.436	34.749	26.501	0.219
30.0	26.954	34.952	22.699	4.756	400.0	9.648	34.635	26.727	0.068
40.0	22.761	34.789	23.844	4.053	500.0	8.035	34.561	26.924	0.059
50.0	20.341	34.793	24.515	3.176	600.0	6.791	34.528	27.076	0.059
60.0	18.842	34.854	24.951	2.620	700.0	5.981	34.520	27.176	0.067
80.0	16.881	34.928	25.489	2.016	800.0	5.454	34.526	27.246	0.090
100.0	15.901	34.956	25.737	1.751	900.0	4.982	34.534	27.308	0.140
120.0	15.204	34.941	25.883	1.474	1000.0	4.363	34.550	27.389	0.251
140.0	14.646	34.909	25.980	1.247	1006.0	4.346	34.550	27.392	0.256



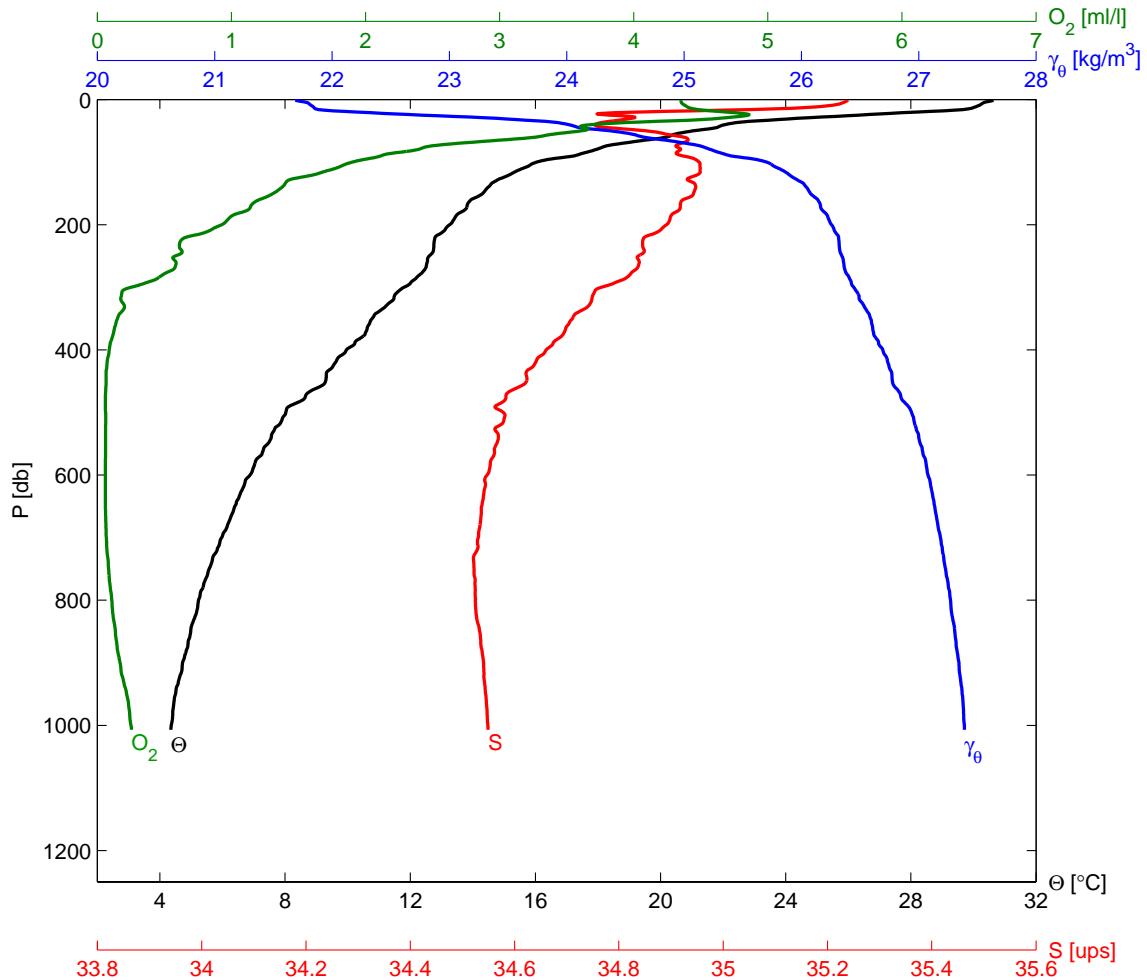
ESTACION D09	LANCE 107	LATITUD 24 50.5	LONGITUD 109 32.8	DD MM 14 8	AA 2004	H[UT] 1844			
PROFTOT [m] 2211.0	TEMSUP [°C] 30.0	SALSUP [ups] 35.02	TEBUHU [°C] 65.1	TEBUSE [°C] 30.9	V-MAG [m/s] 1.1	DIR [AZM] 171	NUBES [1/8] 9	BAROM [bar] 1013.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	30.021	35.060	21.766	4.234	160.0	14.031	34.921	26.120	1.170
5.0	29.936	35.055	21.792	4.369	180.0	13.686	34.892	26.170	1.005
10.0	29.714	35.008	21.832	4.424	200.0	13.273	34.866	26.234	0.736
20.0	28.977	34.890	21.992	4.509	300.0	11.477	34.760	26.502	0.268
30.0	26.802	34.904	22.710	4.799	400.0	10.142	34.674	26.673	0.096
40.0	23.293	34.808	23.705	4.366	500.0	8.141	34.574	26.919	0.060
50.0	20.548	34.802	24.466	3.399	600.0	6.996	34.530	27.050	0.059
60.0	18.849	34.851	24.947	2.695	700.0	6.204	34.526	27.152	0.065
80.0	17.633	34.960	25.333	2.276	800.0	5.326	34.523	27.259	0.100
100.0	16.125	34.944	25.677	1.823	900.0	4.860	34.531	27.320	0.155
120.0	15.082	34.899	25.877	1.365	1000.0	4.383	34.547	27.386	0.247
140.0	14.458	34.924	26.031	1.278	1008.0	4.331	34.550	27.393	0.257



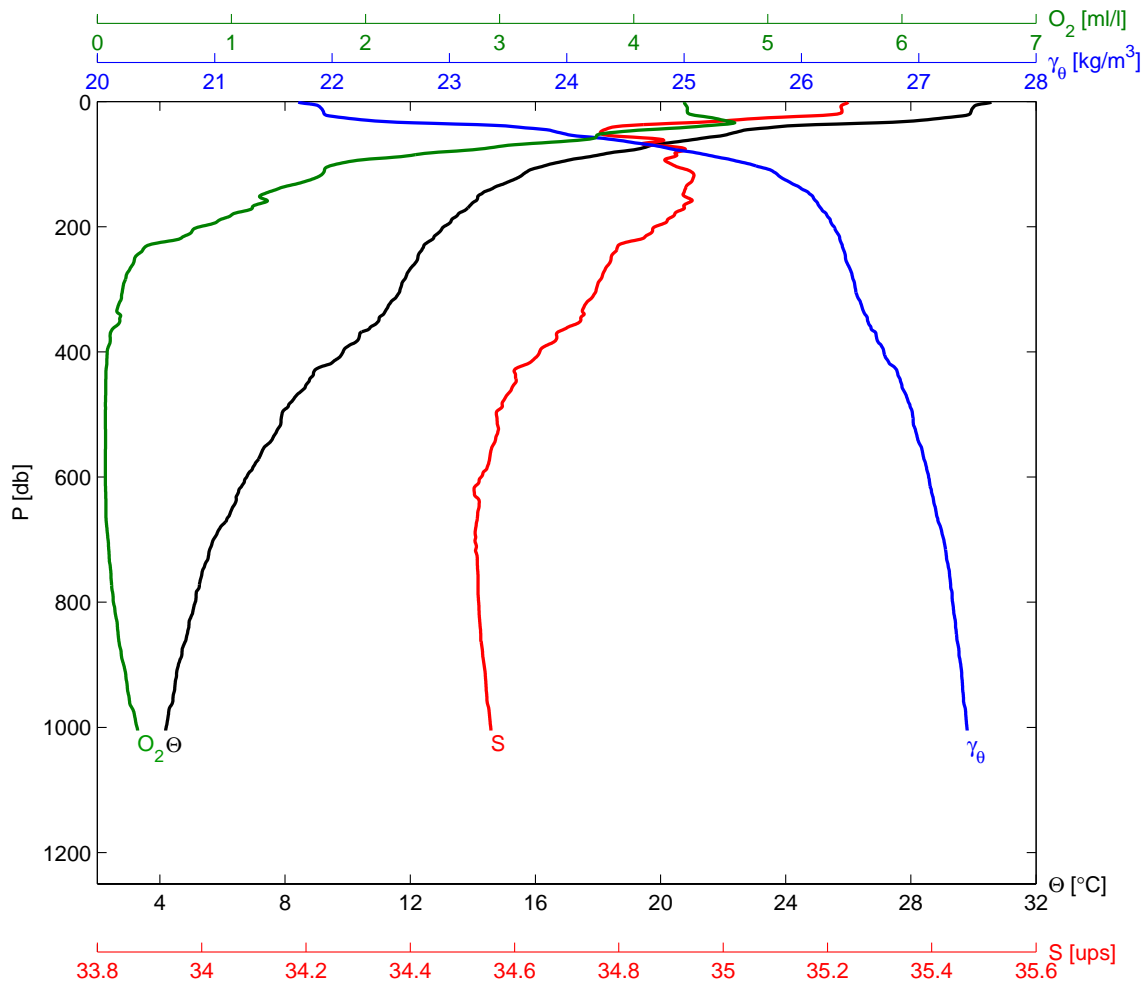
ESTACION D08	LANCE 108	LATITUD 24 46.8	LONGITUD 109 37.7	DD MM 14 8	AA 2004	H[UT] 2024			
PROFTOT [m] 2025.0	TEMSUP [°C] 30.2	SALSUP [ups] 35.07	TEBUHU [°C] 73.2	TEBUSE [°C] 30.4	V-MAG [m/s] 1.5	DIR [AZM] 117	NUBES [1/8] 9	BAROM [bar] 1012.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	30.095	35.069	21.748	4.340	160.0	14.329	34.944	26.075	1.321
5.0	29.970	35.052	21.778	4.390	180.0	13.719	34.908	26.175	1.024
10.0	29.848	35.027	21.800	4.418	200.0	13.293	34.885	26.245	0.849
20.0	29.292	34.980	21.954	4.569	300.0	11.825	34.786	26.457	0.346
30.0	25.617	34.687	22.918	4.982	400.0	9.897	34.647	26.694	0.072
40.0	22.683	34.829	23.896	4.440	500.0	8.247	34.588	26.913	0.064
50.0	20.734	34.828	24.436	3.477	600.0	7.023	34.554	27.064	0.059
60.0	19.159	34.903	24.907	2.888	700.0	6.070	34.520	27.165	0.066
80.0	16.855	34.909	25.479	1.981	800.0	5.250	34.527	27.271	0.106
100.0	16.094	34.957	25.694	1.881	900.0	4.793	34.533	27.329	0.164
120.0	15.395	34.953	25.849	1.678	1000.0	4.443	34.545	27.377	0.234
140.0	14.717	34.951	25.997	1.466	1011.0	4.403	34.547	27.383	0.241



ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
D07	109		24 43.1		109 42.6		14	8	2004	2159
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
1595.0	31.0	35.25	71.4	30.4	1.1	157	9	1011.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.594	35.238	21.703	4.352	160.0	13.946	34.923	26.140	1.207	
5.0	30.323	35.230	21.790	4.356	180.0	13.620	34.909	26.196	1.079	
10.0	30.148	35.201	21.829	4.387	200.0	13.261	34.891	26.257	0.928	
20.0	28.152	34.831	22.220	4.694	300.0	11.798	34.766	26.446	0.252	
30.0	24.378	34.825	23.398	4.639	400.0	9.961	34.661	26.694	0.089	
40.0	22.064	34.754	24.014	3.688	500.0	8.023	34.579	26.940	0.062	
50.0	21.050	34.852	24.369	3.612	600.0	6.880	34.547	27.079	0.060	
60.0	20.197	34.925	24.653	3.273	700.0	5.973	34.530	27.185	0.067	
80.0	17.929	34.919	25.228	2.388	800.0	5.233	34.525	27.272	0.108	
100.0	16.036	34.954	25.705	1.900	900.0	4.725	34.541	27.343	0.170	
120.0	15.182	34.951	25.895	1.618	1000.0	4.362	34.549	27.389	0.251	
140.0	14.493	34.948	26.042	1.378	1007.0	4.352	34.549	27.390	0.255	

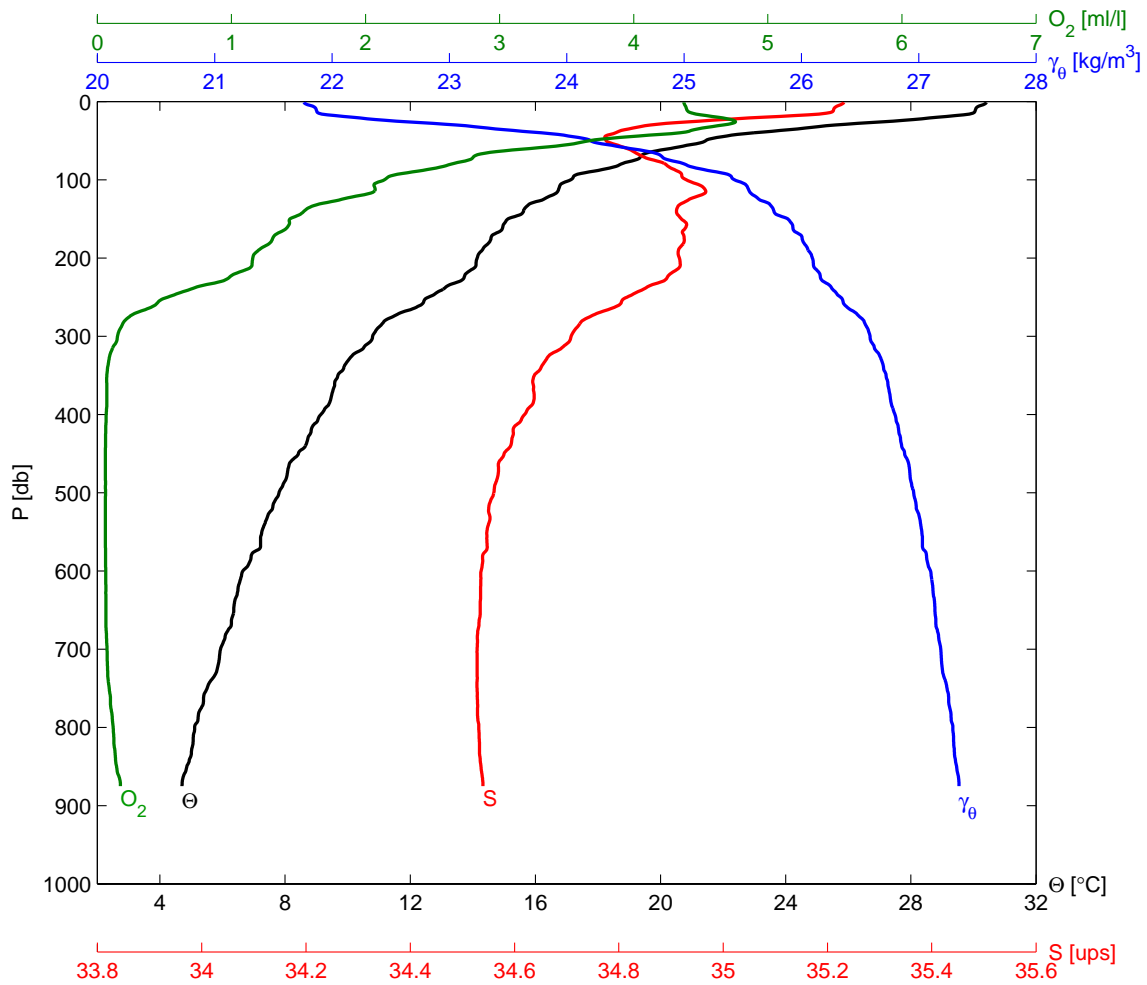


ESTACION D06	LANCE 110	LATITUD 24 39.7	LONGITUD 109 47.5	DD MM 14 8	AA 2004	H[UT] 2331			
PROFTOT [m] 1385.0	TEMSUP [°C] 30.8	SALSUP [ups] 35.25	TEBUHU [°C] 65.8	TEBUSE [°C] 30.7	V-MAG [m/s] 2.1	DIR [AZM] 124	NUBES [1/8] 9	BAROM [bar] 1010.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	30.520	35.239	21.729	4.379	160.0	14.052	34.938	26.129	1.263
5.0	30.140	35.230	21.853	4.386	180.0	13.531	34.907	26.213	1.008
10.0	29.983	35.226	21.904	4.400	200.0	13.071	34.869	26.278	0.765
20.0	29.881	35.220	21.934	4.416	300.0	11.678	34.757	26.462	0.189
30.0	28.324	35.016	22.302	4.672	400.0	9.853	34.648	26.703	0.074
40.0	23.815	34.794	23.541	4.467	500.0	7.900	34.565	26.948	0.060
50.0	22.338	34.764	23.945	3.818	600.0	6.772	34.536	27.085	0.060
60.0	21.166	34.879	24.358	3.671	700.0	5.709	34.524	27.214	0.080
80.0	18.673	34.915	25.041	2.611	800.0	5.130	34.531	27.289	0.120
100.0	16.471	34.901	25.564	1.784	900.0	4.590	34.542	27.358	0.197
120.0	15.506	34.944	25.817	1.649	1000.0	4.199	34.554	27.411	0.296
140.0	14.590	34.927	26.006	1.342	1005.0	4.184	34.555	27.413	0.301

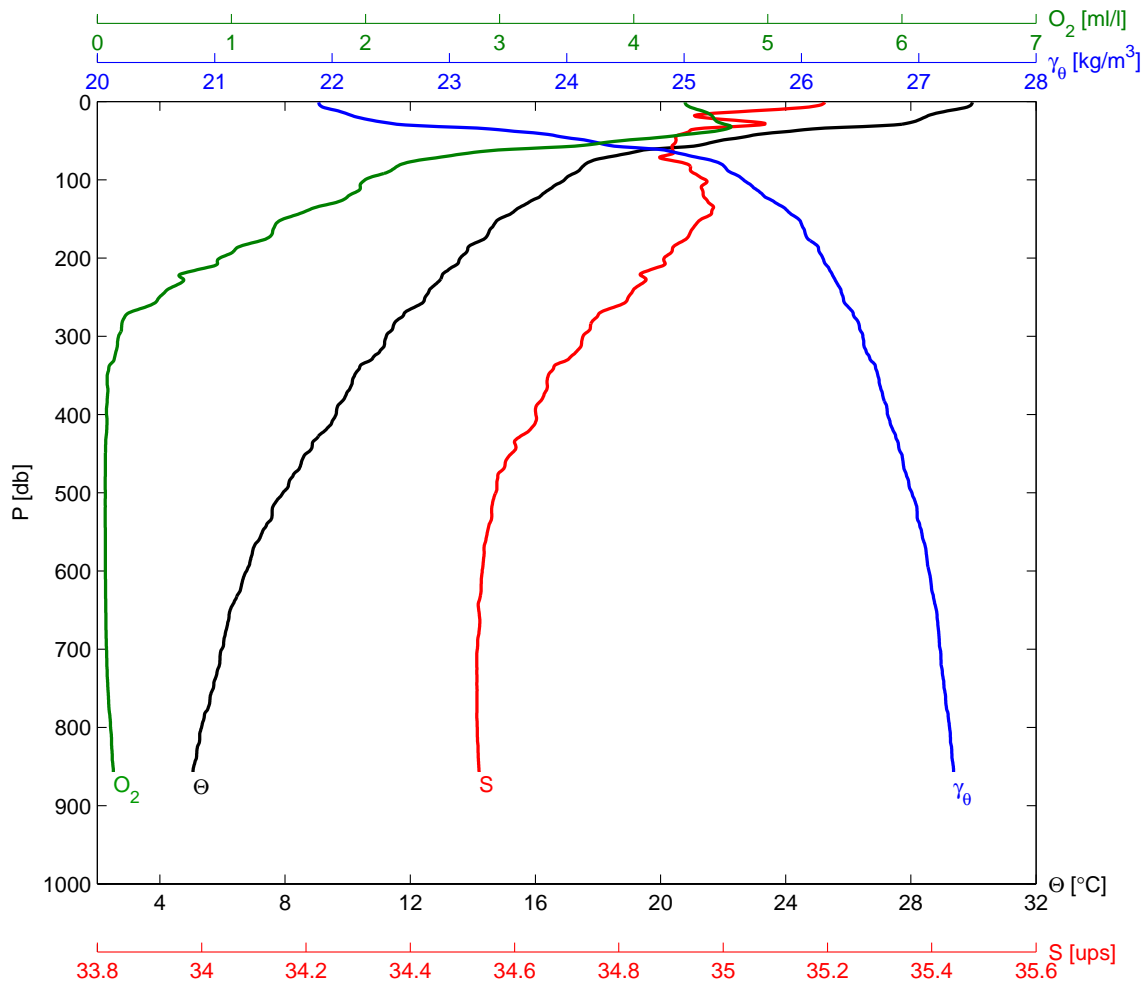




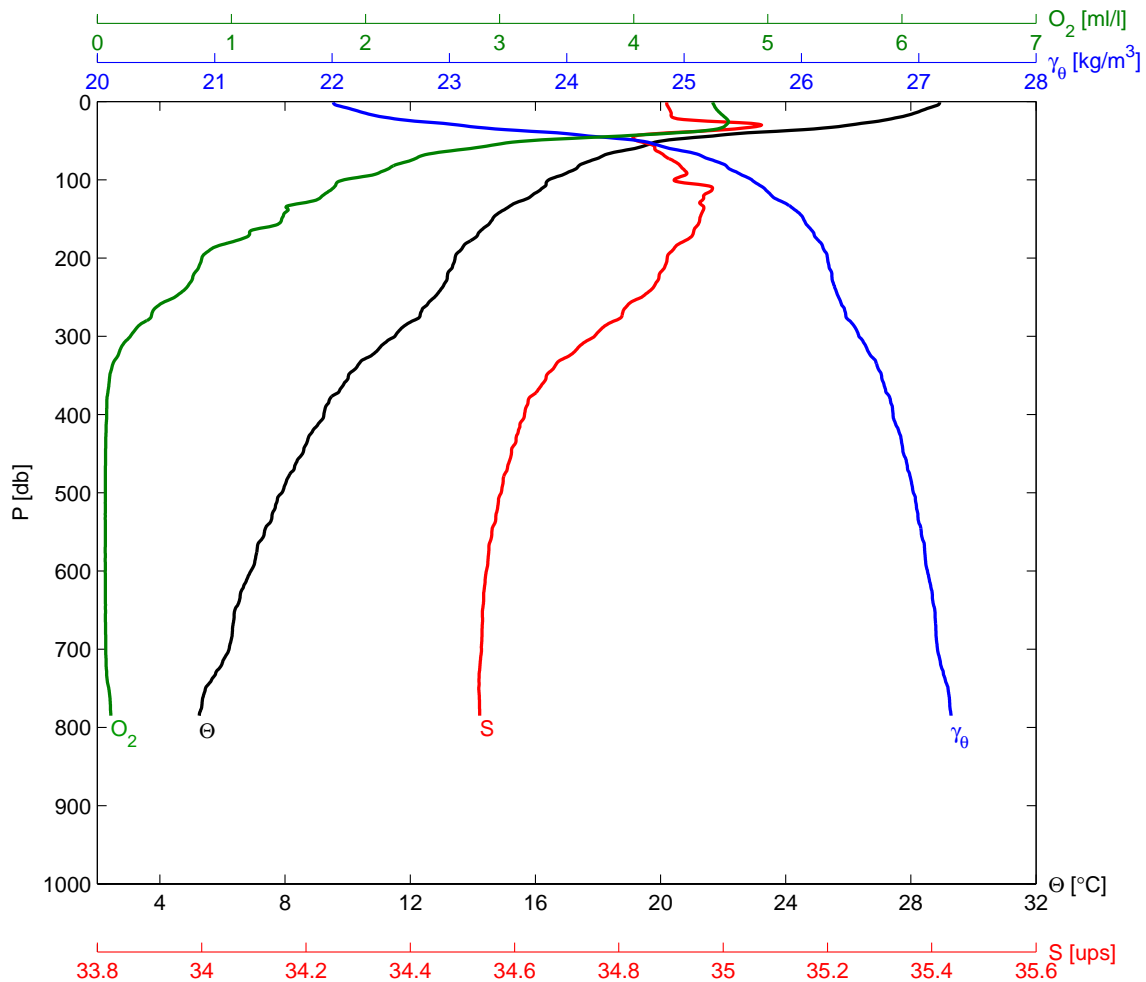
ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
D05	111		24 36.0		109 52.4		15	8	2004	0111
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
902.0	30.4	35.23	71.7	30.5	2.2	112	9	1010.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.402	35.231	21.764	4.375	140.0	15.622	34.911	25.766	1.543	
5.0	30.237	35.222	21.814	4.383	160.0	14.959	34.929	25.927	1.420	
10.0	30.068	35.212	21.864	4.395	180.0	14.524	34.925	26.018	1.292	
20.0	28.863	35.077	22.170	4.626	200.0	14.140	34.916	26.093	1.159	
30.0	25.585	34.860	23.058	4.668	300.0	10.800	34.709	26.585	0.151	
40.0	22.986	34.794	23.783	4.345	400.0	9.142	34.619	26.798	0.066	
50.0	21.439	34.775	24.204	3.669	500.0	7.805	34.560	26.958	0.061	
60.0	20.317	34.816	24.539	3.229	600.0	6.651	34.536	27.101	0.063	
80.0	18.735	34.889	25.005	2.639	700.0	5.935	34.528	27.188	0.073	
100.0	17.134	34.929	25.429	2.142	800.0	5.112	34.531	27.291	0.118	
120.0	16.516	34.956	25.595	1.960	875.0	4.708	34.539	27.343	0.173	



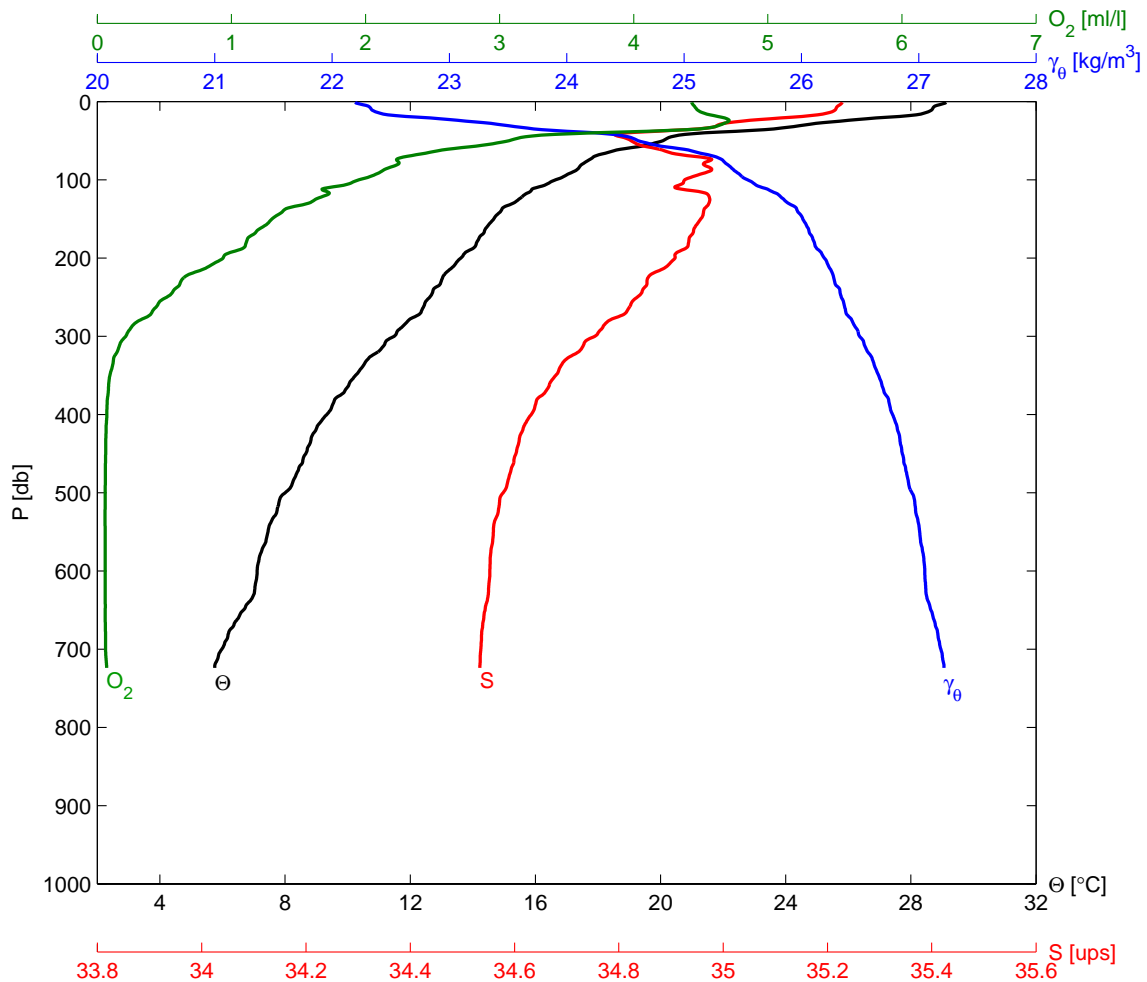
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
D04	112	24 32.4	109 57.6	15	8	2004	0240		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
880.0	30.0	35.20	79.8	29.9	1.5	167	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.960	35.194	21.888	4.384	140.0	15.329	34.978	25.883	1.557
5.0	29.906	35.184	21.899	4.398	160.0	14.634	34.944	26.009	1.322
10.0	29.450	35.106	21.995	4.471	180.0	14.127	34.918	26.098	1.171
20.0	28.449	34.955	22.215	4.593	200.0	13.600	34.887	26.184	0.914
30.0	27.458	35.073	22.627	4.700	300.0	11.236	34.731	26.524	0.158
40.0	23.575	34.930	23.715	4.504	400.0	9.631	34.641	26.734	0.068
50.0	21.882	34.910	24.184	3.906	500.0	7.935	34.564	26.941	0.060
60.0	20.009	34.903	24.687	3.212	600.0	6.770	34.538	27.087	0.060
80.0	17.599	34.932	25.319	2.271	700.0	5.977	34.529	27.183	0.068
100.0	16.933	34.966	25.505	1.998	800.0	5.329	34.528	27.263	0.099
120.0	16.185	34.962	25.677	1.877	857.0	5.058	34.532	27.298	0.120



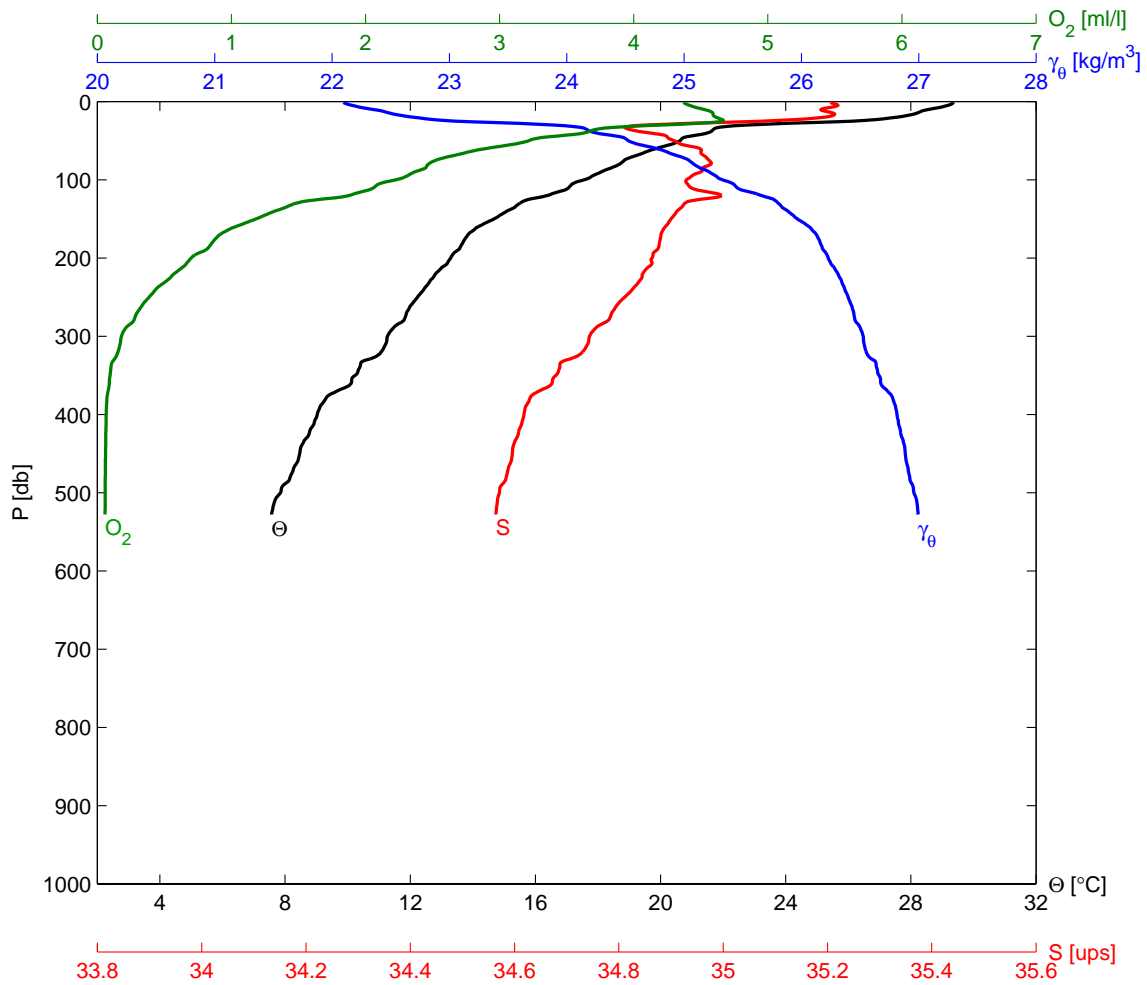
ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
D03	113		24 28.7		110 2.5		15	8	2004	0413
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
797.0	28.9	34.89	88.7	29.0	0.7	198	9	1012.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	28.918	34.892	22.012	4.591	120.0	15.891	34.963	25.745	1.682	
5.0	28.829	34.893	22.043	4.600	140.0	14.928	34.961	25.959	1.416	
10.0	28.451	34.897	22.172	4.618	160.0	14.407	34.948	26.062	1.282	
20.0	27.629	34.902	22.444	4.679	180.0	13.837	34.921	26.161	0.993	
30.0	26.059	35.076	23.074	4.688	200.0	13.434	34.893	26.222	0.779	
40.0	22.790	34.895	23.916	4.318	300.0	11.510	34.754	26.491	0.246	
50.0	20.086	34.834	24.614	3.224	400.0	9.242	34.619	26.781	0.069	
60.0	19.172	34.869	24.878	2.783	500.0	7.899	34.574	26.955	0.060	
80.0	17.474	34.915	25.336	2.241	600.0	6.907	34.546	27.074	0.059	
100.0	16.433	34.906	25.576	1.842	700.0	6.210	34.537	27.160	0.063	
785.0	5.258	34.533	27.275	0.101						



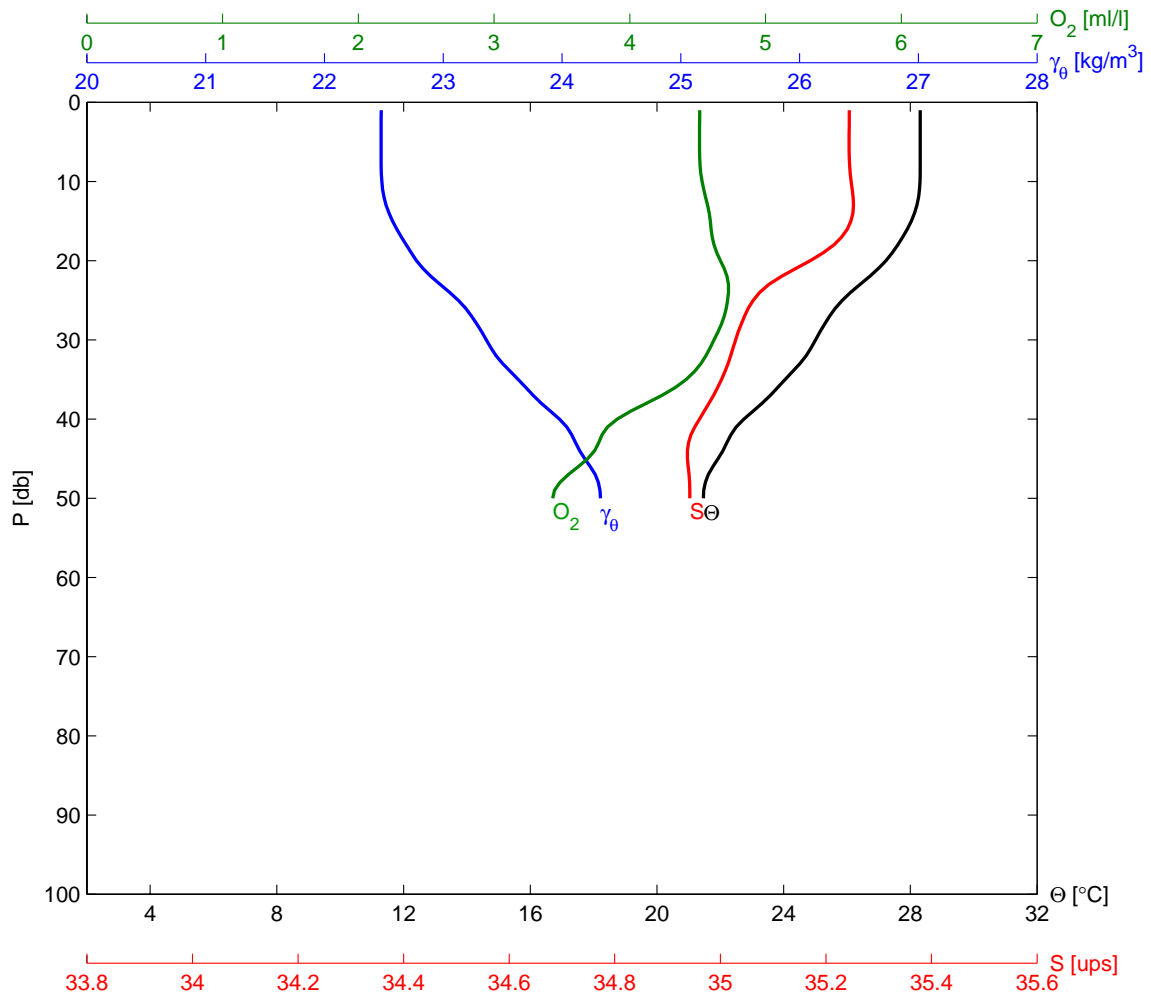
ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
D02	114		24	25.2	110	7.2	15	8	2004	0538
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
740.0	29.2	35.23	58.0	30.6	1.4	235	9	1013.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	29.096	35.228	22.206	4.434	120.0	15.620	34.972	25.813	1.702	
5.0	28.827	35.222	22.290	4.447	140.0	14.897	34.963	25.966	1.385	
10.0	28.680	35.216	22.335	4.471	160.0	14.459	34.946	26.049	1.237	
20.0	27.266	35.133	22.735	4.654	180.0	14.124	34.934	26.110	1.111	
30.0	24.608	34.990	23.454	4.645	200.0	13.620	34.908	26.196	0.938	
40.0	21.421	34.815	24.240	3.711	300.0	11.486	34.754	26.496	0.212	
50.0	20.075	34.824	24.609	3.070	400.0	9.334	34.632	26.776	0.071	
60.0	18.886	34.871	24.953	2.661	500.0	8.006	34.578	26.942	0.059	
80.0	17.502	34.962	25.365	2.245	600.0	7.109	34.553	27.052	0.059	
100.0	16.656	34.926	25.540	1.953	700.0	5.977	34.535	27.189	0.062	
724.0	5.751	34.533	27.215	0.070						



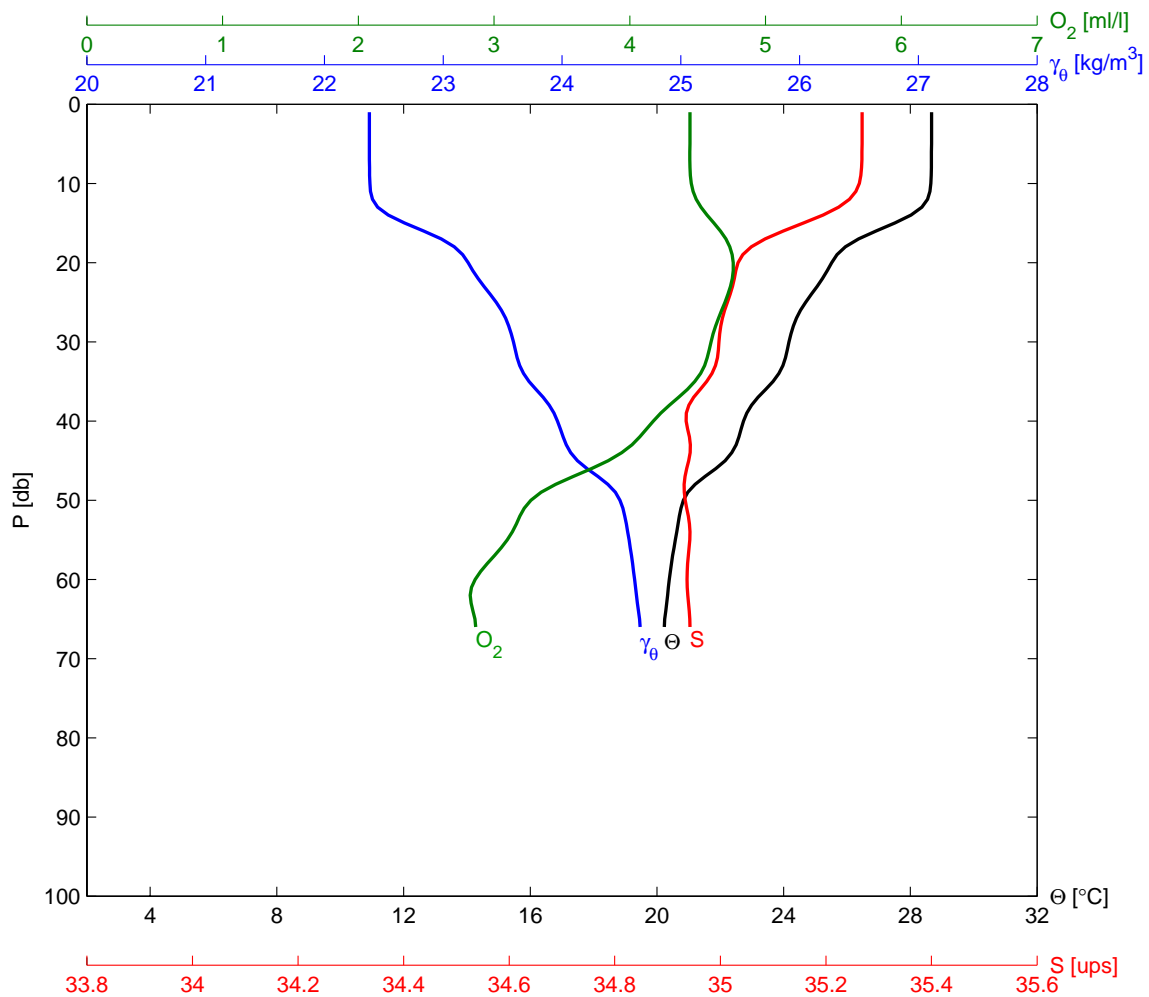
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
D01	115	24 21.6	110 12.2	15	8	2004	0007		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
6.0	29.4	35.23	52.5	29.9	2.5	189	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.346	35.207	22.106	4.377	100.0	17.569	34.929	25.324	2.228
5.0	29.176	35.222	22.174	4.418	120.0	16.390	34.998	25.657	1.880
10.0	28.583	35.186	22.345	4.521	140.0	15.089	34.912	25.885	1.325
20.0	27.550	35.195	22.690	4.614	160.0	14.175	34.889	26.065	1.030
30.0	22.791	34.849	23.881	4.214	180.0	13.685	34.878	26.159	0.859
40.0	21.513	34.857	24.246	3.635	200.0	13.291	34.864	26.229	0.700
50.0	20.625	34.906	24.525	3.218	300.0	11.273	34.744	26.527	0.180
60.0	19.867	34.956	24.764	2.901	400.0	9.027	34.618	26.815	0.066
80.0	18.692	34.977	25.083	2.469	500.0	7.854	34.571	26.959	0.059
528.0	7.567	34.564	26.995	0.058					



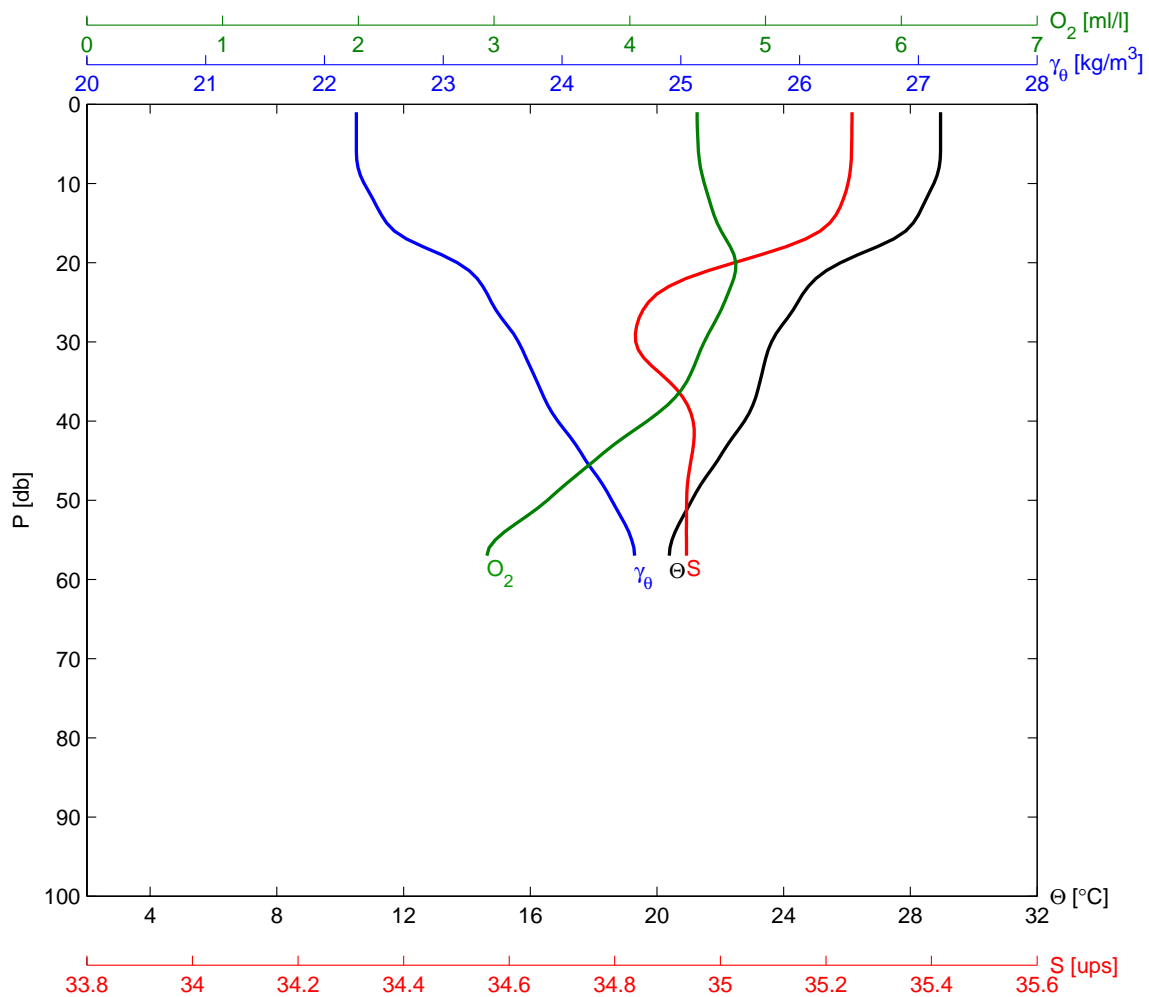
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
P01	116	24 21.3	110 21.5	15	8	2004	0853		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
54.0	28.3	35.24	67.8	27.6	4.5	169	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	28.311	35.244	22.478	4.514	30.0	25.005	35.029	23.363	4.621
5.0	28.313	35.244	22.478	4.513	40.0	22.744	34.960	23.979	3.907
10.0	28.304	35.247	22.483	4.532	50.0	21.463	34.942	24.325	3.432
20.0	27.227	35.171	22.776	4.668	50.0	21.463	34.942	24.325	3.432



ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
P02	117	24 20.1	110 24.0	15	8	2004	0932		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
72.0	28.9	35.02	74.9	27.5	3.2	156	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	28.667	35.269	22.379	4.443	30.0	24.168	34.997	23.591	4.599
5.0	28.667	35.268	22.379	4.443	40.0	22.732	34.935	23.963	4.173
10.0	28.645	35.264	22.383	4.452	50.0	20.835	34.933	24.489	3.271
20.0	25.514	35.033	23.210	4.762	60.0	20.390	34.937	24.611	2.860
66.0	20.231	34.943	24.658	2.865					

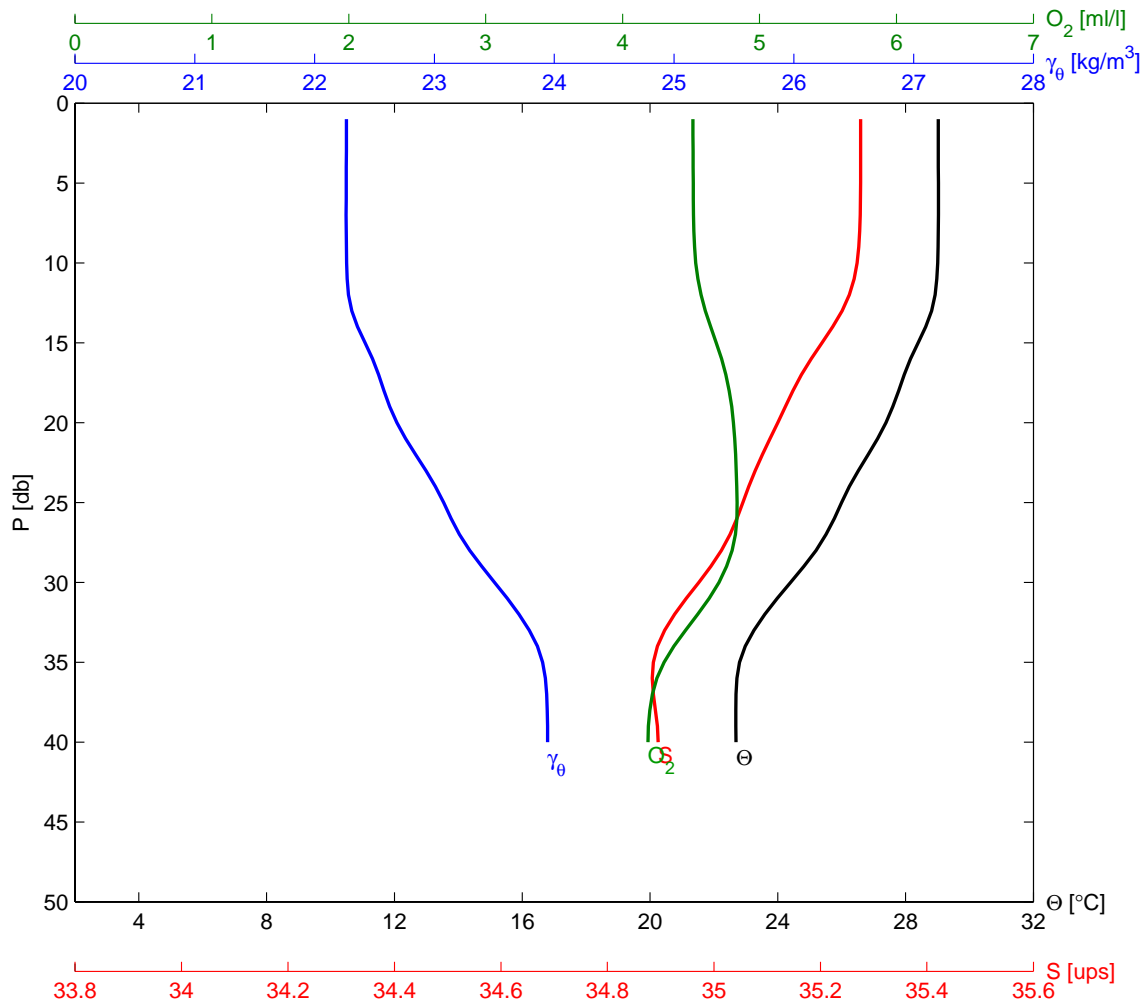


ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
P03	118	24 18.6	110 26.2	15	8	2004	1011		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
62.0	29.0	35.25	76.6	27.2	2.4	172	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	28.953	35.249	22.269	4.496	30.0	23.616	34.838	23.634	4.548
5.0	28.954	35.249	22.269	4.502	40.0	22.763	34.949	23.965	4.129
10.0	28.742	35.242	22.334	4.549	50.0	21.102	34.936	24.419	3.392
20.0	25.791	35.026	23.120	4.780	57.0	20.387	34.936	24.612	2.947

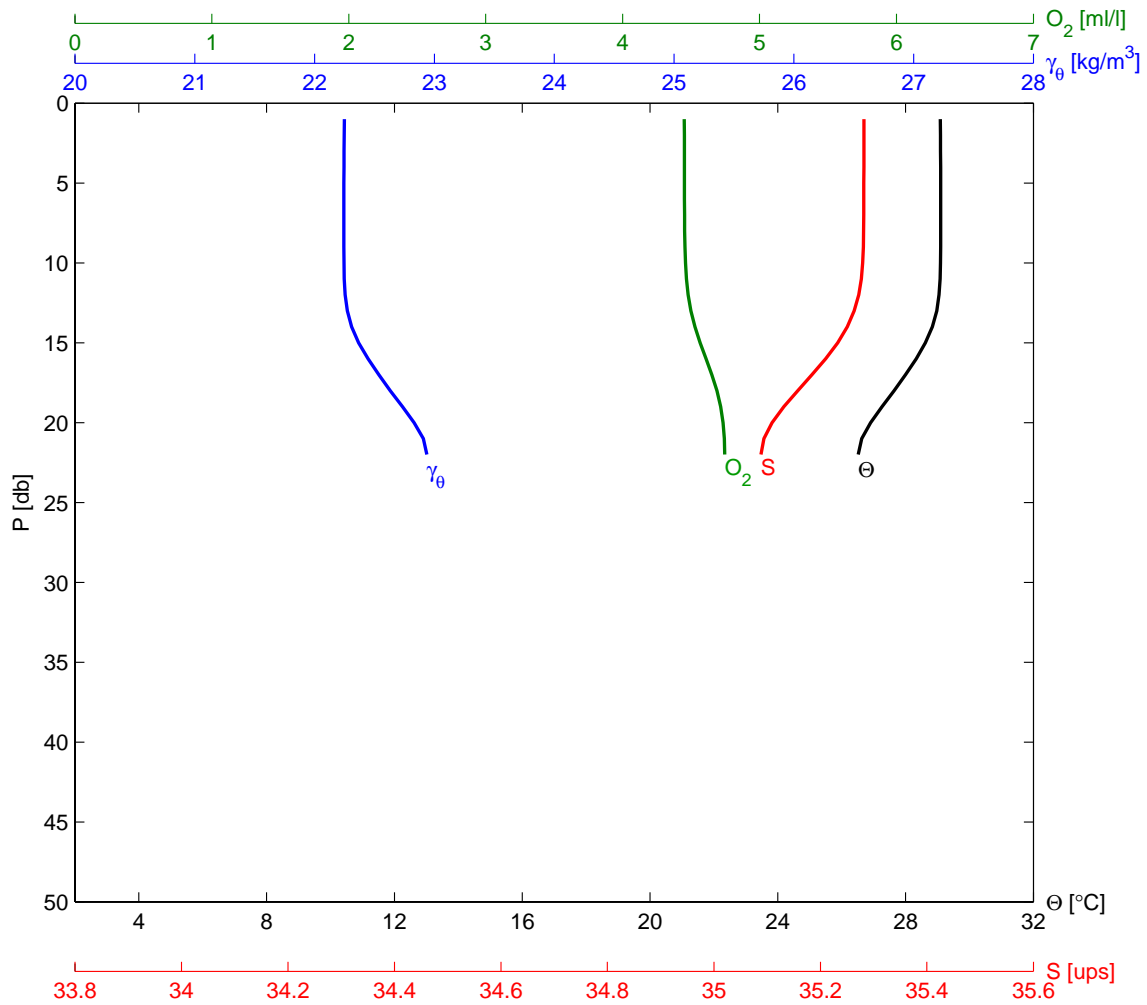




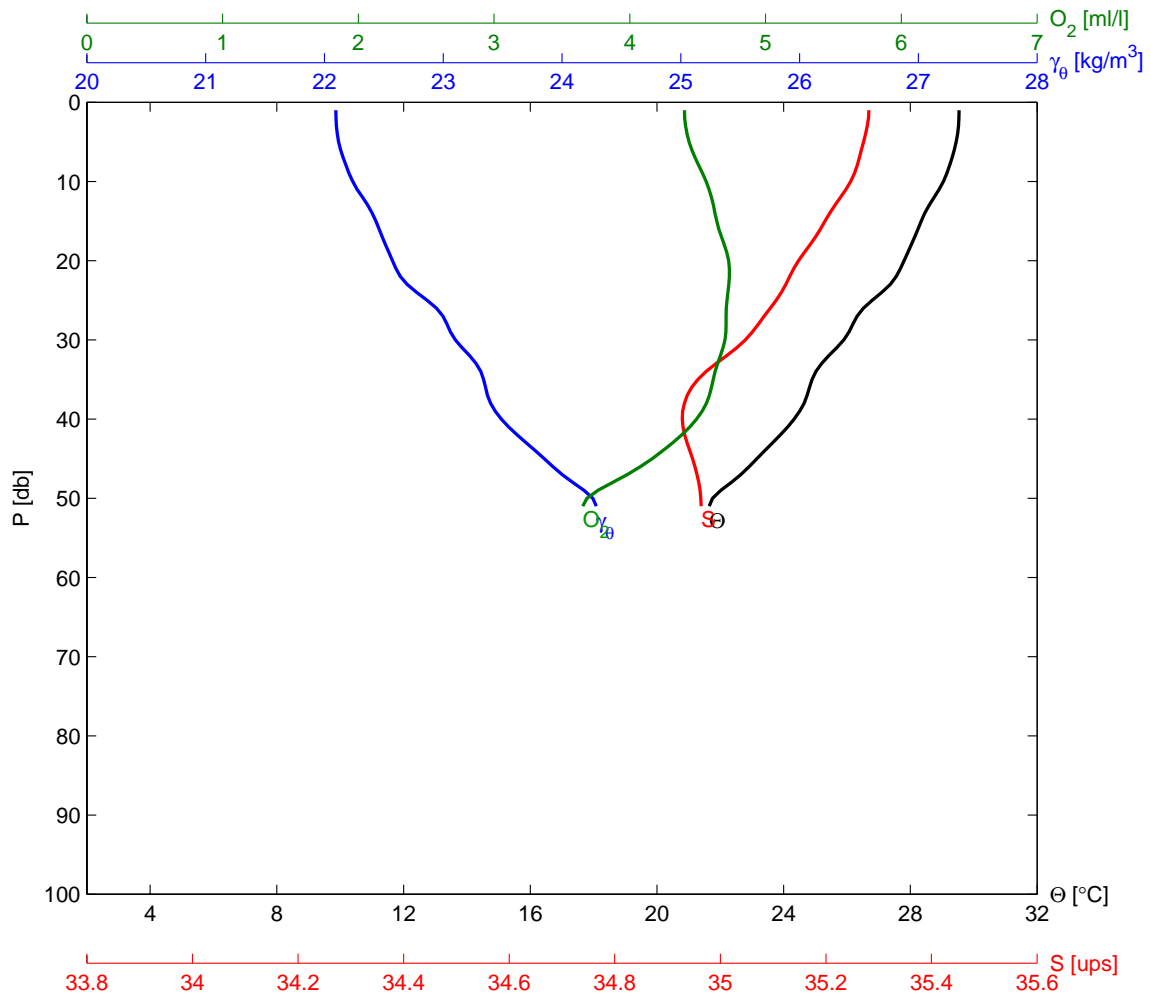
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
P04	119	24 16.8	110 29.0	15	8	2004	1054		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
44.0	29.0	35.28	70.9	26.9	1.9	157	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.021	35.276	22.266	4.513	20.0	27.384	35.120	22.687	4.809
5.0	29.027	35.275	22.264	4.516	30.0	24.399	34.972	23.503	4.703
10.0	29.003	35.269	22.268	4.534	40.0	22.689	34.896	23.946	4.185
40.0	22.689	34.896	23.946	4.185					



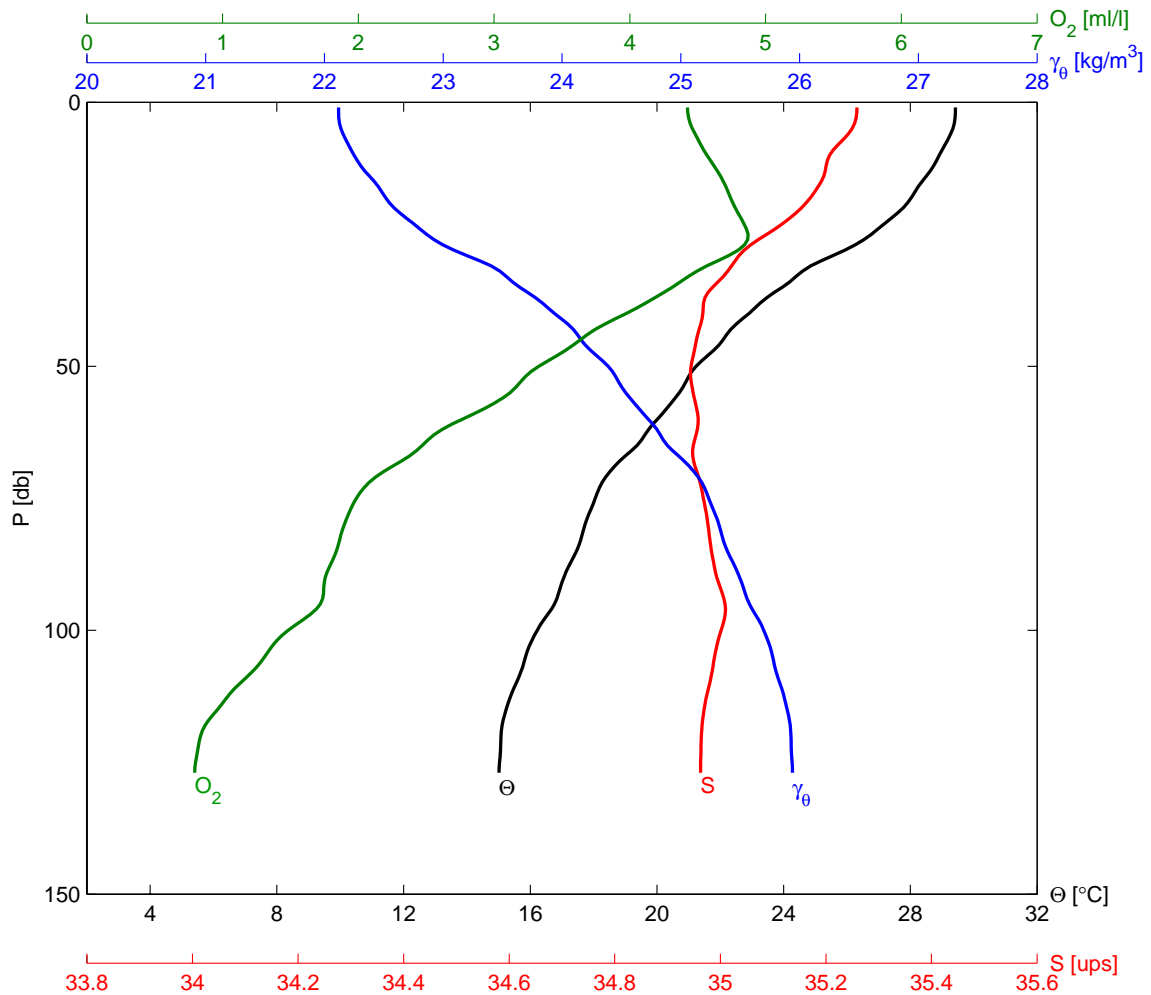
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
P05	120	24 15.3	110 31.5	15	8	2004	1133		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
29.0	29.1	35.28	73.2	26.4	2.4	155	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.089	35.282	22.248	4.451	10.0	29.092	35.280	22.245	4.460
5.0	29.099	35.282	22.245	4.452	20.0	26.904	35.107	22.831	4.733
22.0	26.517	35.085	22.938	4.745					



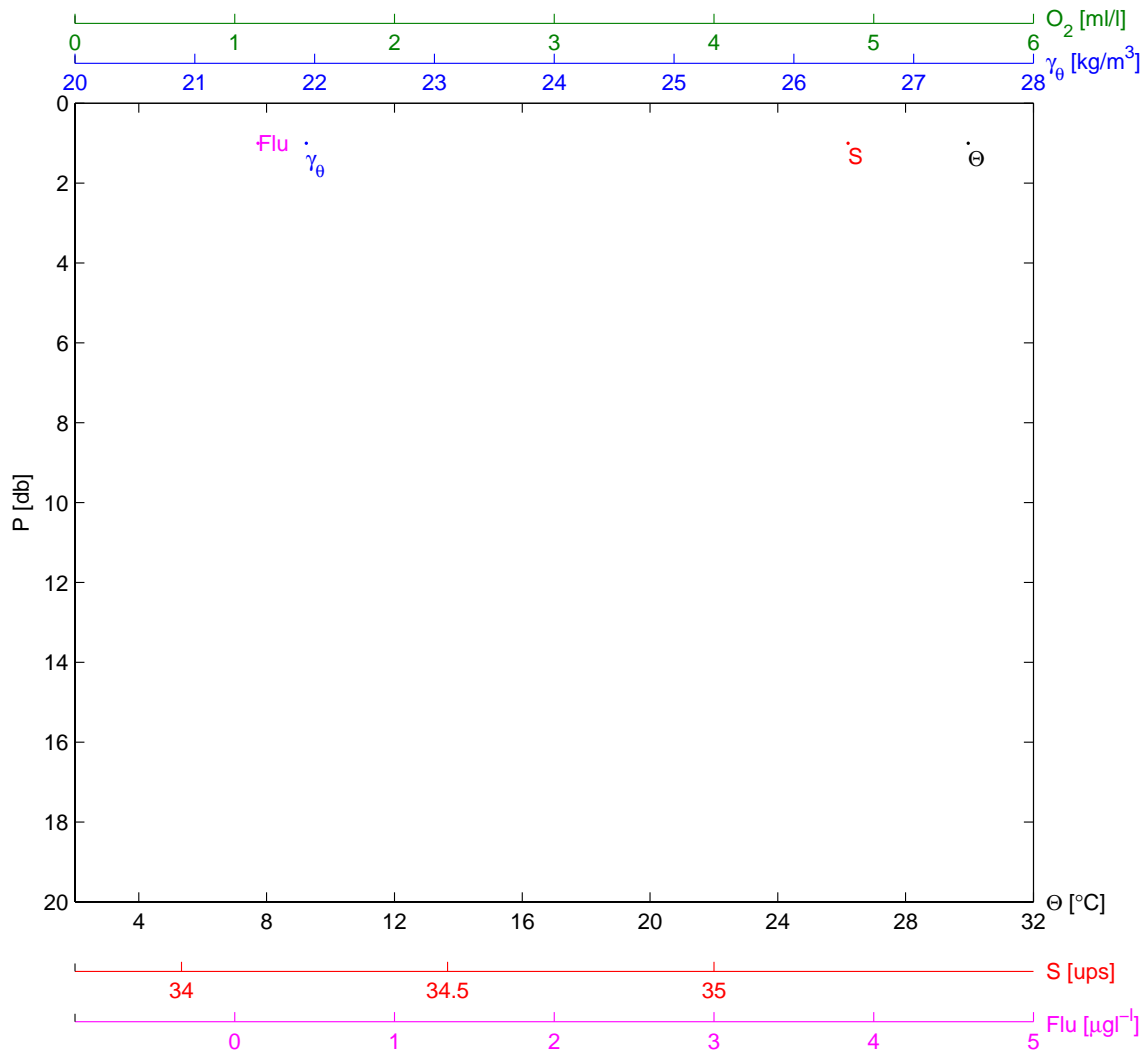
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
P06	121	24 22.7	110 37.9	15	8	2004	0013		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
6.0	29.5	35.29	73.6	28.0	1.6	127	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.534	35.281	22.098	4.405	30.0	25.898	35.048	23.103	4.701
5.0	29.448	35.271	22.120	4.436	40.0	24.332	34.927	23.489	4.492
10.0	29.043	35.247	22.238	4.562	50.0	21.754	34.963	24.260	3.684
20.0	27.801	35.148	22.573	4.728	51.0	21.648	34.964	24.290	3.653



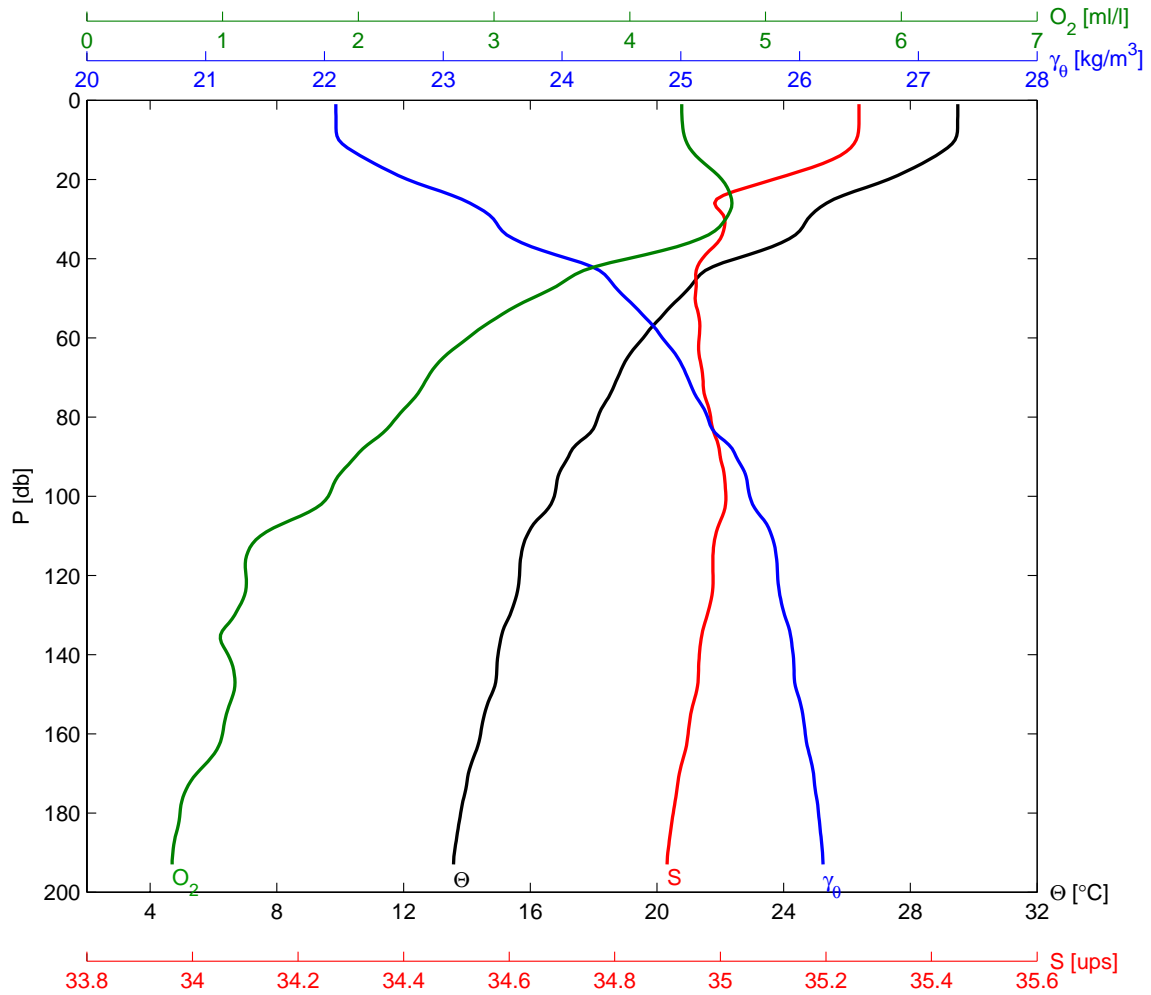
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
P07	122	24 23.5	110 34.8	15	8	2004	1347		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
138.0	29.4	35.26	73.0	27.8	1.5	154	9	1012.0	
PR	$\Theta$	SA	$\gamma$	$O_2$	PR	$\Theta$	SA	$\gamma$	$O_2$
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.421	35.259	22.119	4.427	50.0	21.235	34.944	24.389	3.329
5.0	29.342	35.250	22.140	4.461	60.0	20.017	34.958	24.727	2.769
10.0	28.914	35.206	22.250	4.567	80.0	17.727	34.977	25.322	1.896
20.0	27.773	35.154	22.587	4.777	100.0	16.220	35.002	25.699	1.483
30.0	25.192	35.028	23.306	4.649	120.0	15.078	34.964	25.928	0.837
40.0	22.904	34.967	23.938	3.974	127.0	15.013	34.962	25.941	0.795



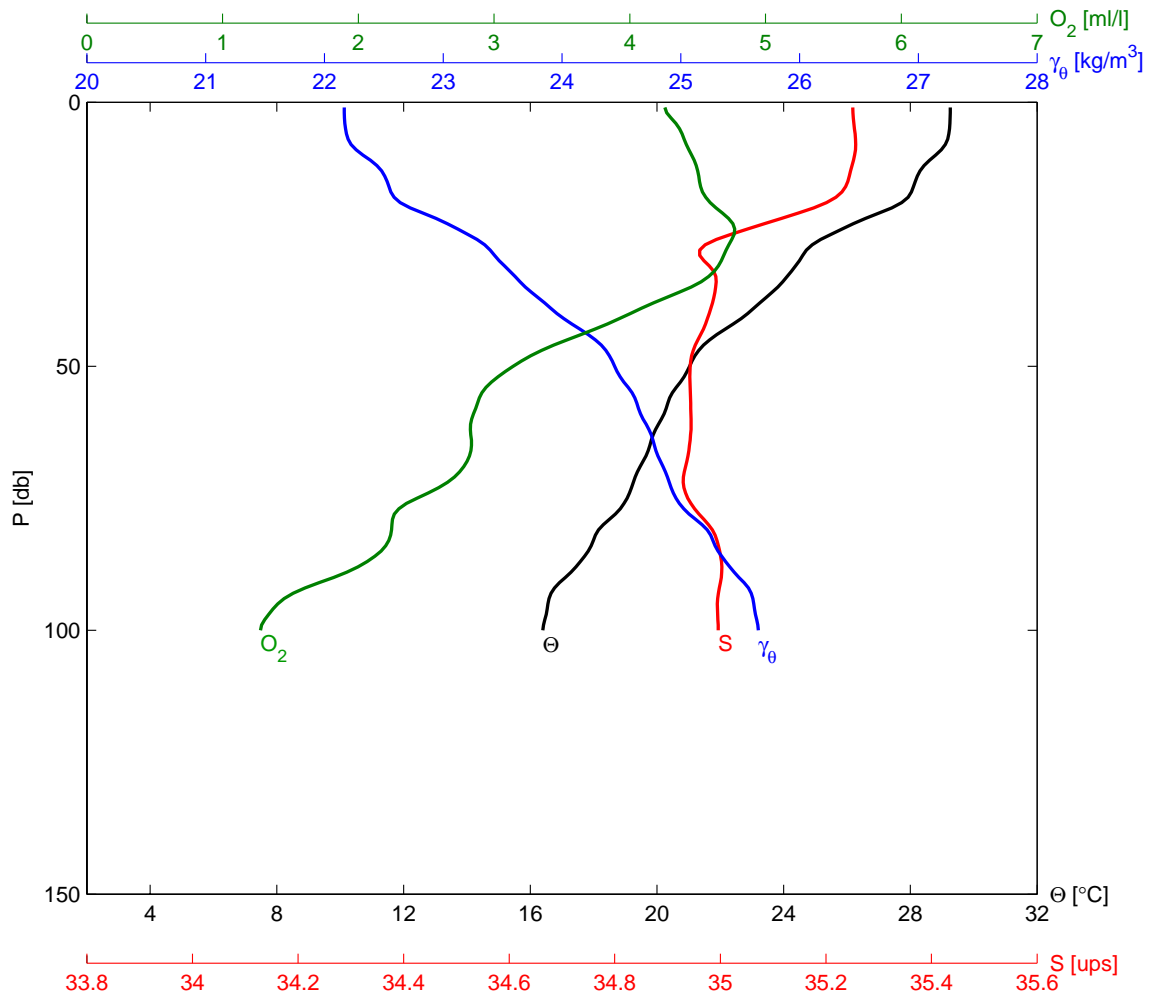
ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]	
P08	123		24 25.0		110 31.7		15	8	2004	1429	
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM			
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]			
240.0	30.0	35.25	77.9	27.5	2.2	169	9	1012.0			
PR	Θ	SA	$\gamma_\theta$	O <sub>2</sub>	FLU	PR	Θ	SA	$\gamma_\theta$	O <sub>2</sub>	FLU
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[μg/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[μg/l]
1.0	29.959	35.252	21.932	99.900	0.147						



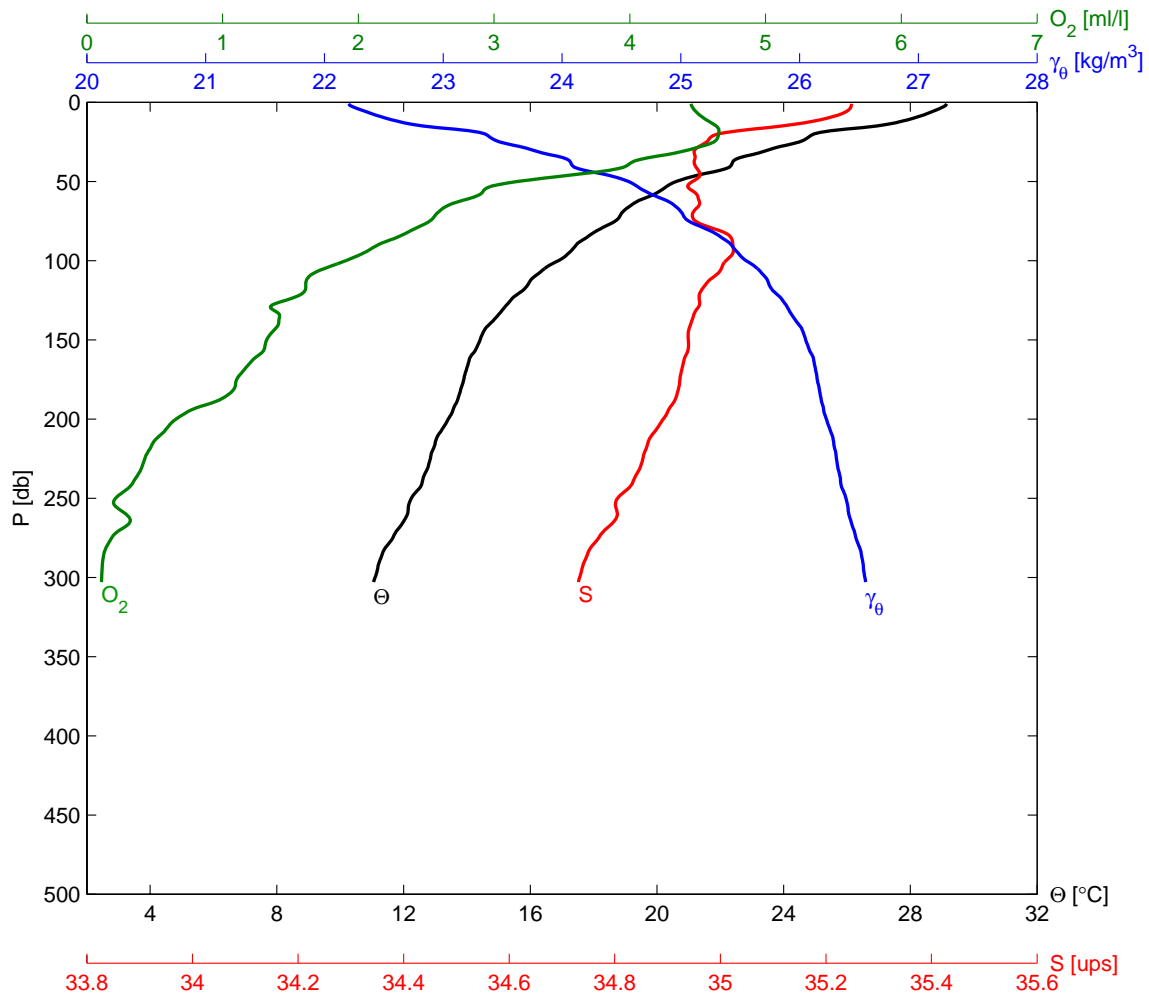
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
P09	124	24 26.6	110 28.9	15	8	2004	0015		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
9.0	29.5	35.26	71.5	27.6	2.8	169	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.496	35.263	22.097	4.382	60.0	19.568	34.960	24.845	2.808
5.0	29.494	35.263	22.098	4.386	80.0	18.136	34.982	25.225	2.285
10.0	29.413	35.258	22.121	4.411	100.0	16.758	35.011	25.581	1.779
20.0	27.308	35.101	22.697	4.677	120.0	15.659	34.986	25.816	1.173
30.0	24.760	35.009	23.423	4.706	140.0	14.981	34.960	25.946	1.040
40.0	22.489	34.965	24.055	3.985	160.0	14.433	34.939	26.049	1.000
50.0	20.698	34.952	24.540	3.280	180.0	13.804	34.911	26.160	0.686
193.0	13.577	34.899	26.198	0.628					



ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
P10	125	24 27.8	110 26.0	15	8	2004	1553		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
103.0	29.2	35.24	73.0	28.1	2.2	180	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.261	35.251	22.168	4.272	40.0	22.867	34.979	23.957	4.004
5.0	29.237	35.254	22.178	4.367	50.0	21.030	34.943	24.444	3.140
10.0	28.797	35.255	22.325	4.455	60.0	20.141	34.945	24.684	2.836
20.0	27.411	35.178	22.722	4.635	80.0	18.307	34.978	25.180	2.247
30.0	24.494	34.968	23.472	4.674	100.0	16.397	34.996	25.654	1.279
100.0	16.397	34.996	25.654	1.279					

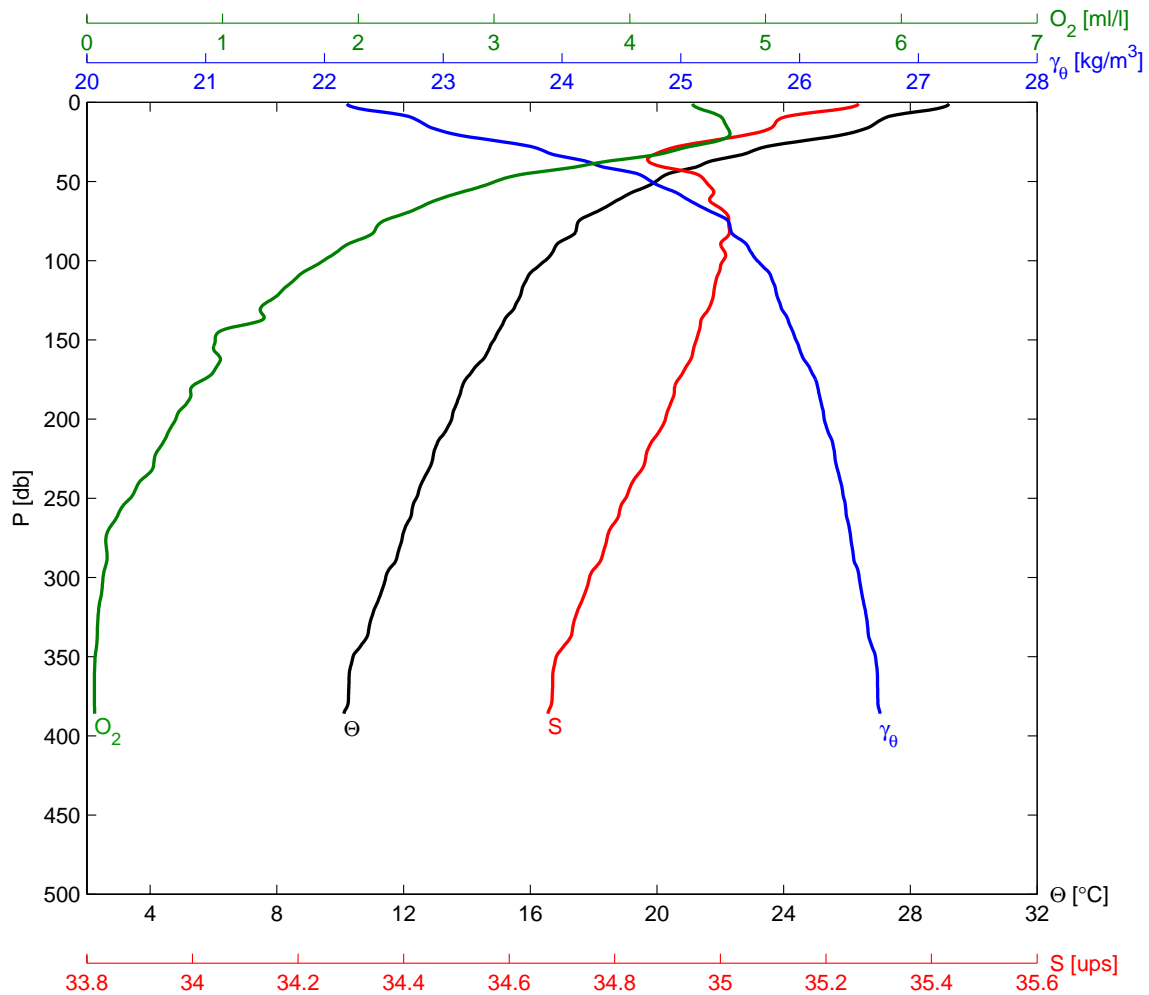


ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
P11	126	24 43.3	110 30.0	15	8	2004	1839		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
315.0	29.3	35.27	70.3	29.9	1.0	156	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.114	35.249	22.215	4.454	80.0	18.207	34.989	25.214	2.412
5.0	28.801	35.243	22.315	4.477	100.0	16.885	35.010	25.550	1.907
10.0	28.107	35.203	22.514	4.544	120.0	15.686	34.962	25.791	1.597
20.0	24.957	34.994	23.352	4.654	140.0	14.724	34.944	25.990	1.412
30.0	23.530	34.951	23.744	4.436	160.0	14.132	34.934	26.109	1.260
40.0	22.341	34.952	24.087	3.979	180.0	13.824	34.922	26.164	1.091
50.0	20.618	34.948	24.558	3.180	200.0	13.411	34.892	26.226	0.657
60.0	19.686	34.958	24.813	2.847	300.0	11.102	34.733	26.550	0.110
303.0	11.057	34.731	26.556	0.108					

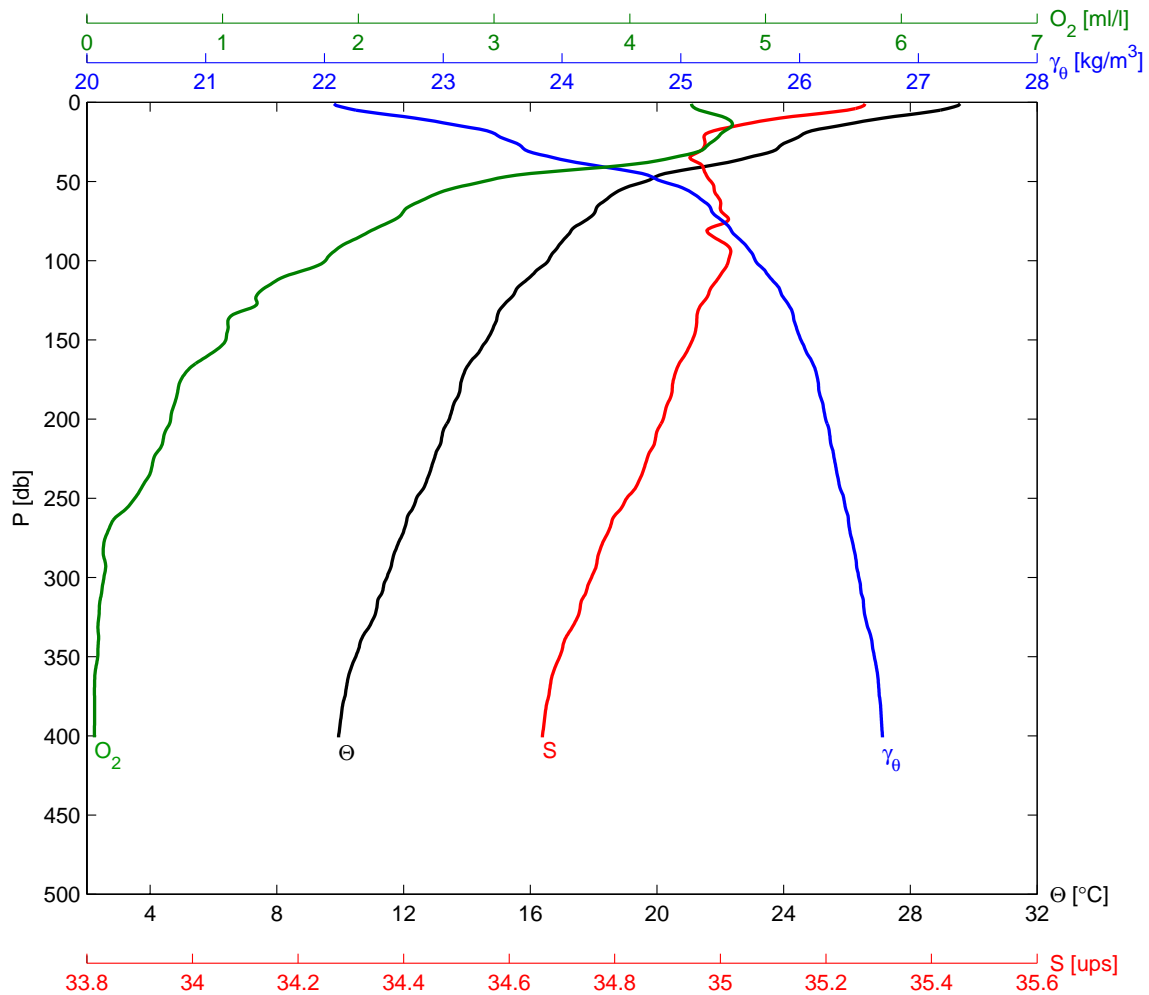




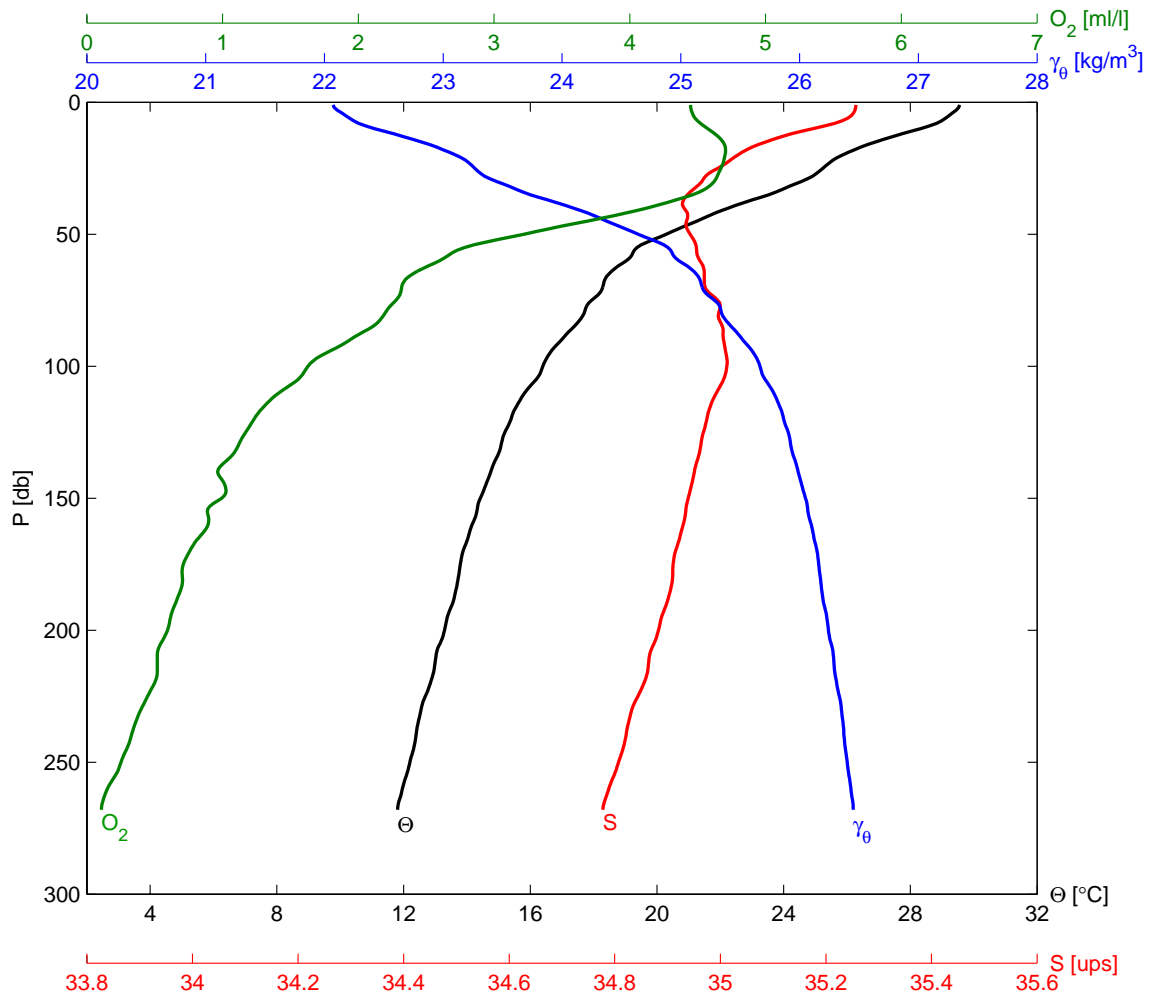
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
P12	127	24 41.6	110 34.0	15	8	2004	1937		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
397.0	29.2	35.24	70.5	29.8	1.4	101	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.179	35.260	22.202	4.467	80.0	17.456	35.017	25.419	2.128
5.0	28.576	35.214	22.368	4.545	100.0	16.468	35.005	25.645	1.742
10.0	27.180	35.114	22.748	4.681	120.0	15.720	34.988	25.803	1.427
20.0	25.995	35.060	23.082	4.739	140.0	15.131	34.962	25.915	1.191
30.0	23.106	34.897	23.826	4.345	160.0	14.590	34.947	26.021	0.973
40.0	21.363	34.880	24.305	3.656	180.0	13.841	34.913	26.154	0.770
50.0	19.965	34.972	24.751	3.012	200.0	13.521	34.896	26.207	0.656
60.0	18.923	34.981	25.028	2.635	300.0	11.438	34.752	26.503	0.120
386.0	10.117	34.673	26.677	0.057					



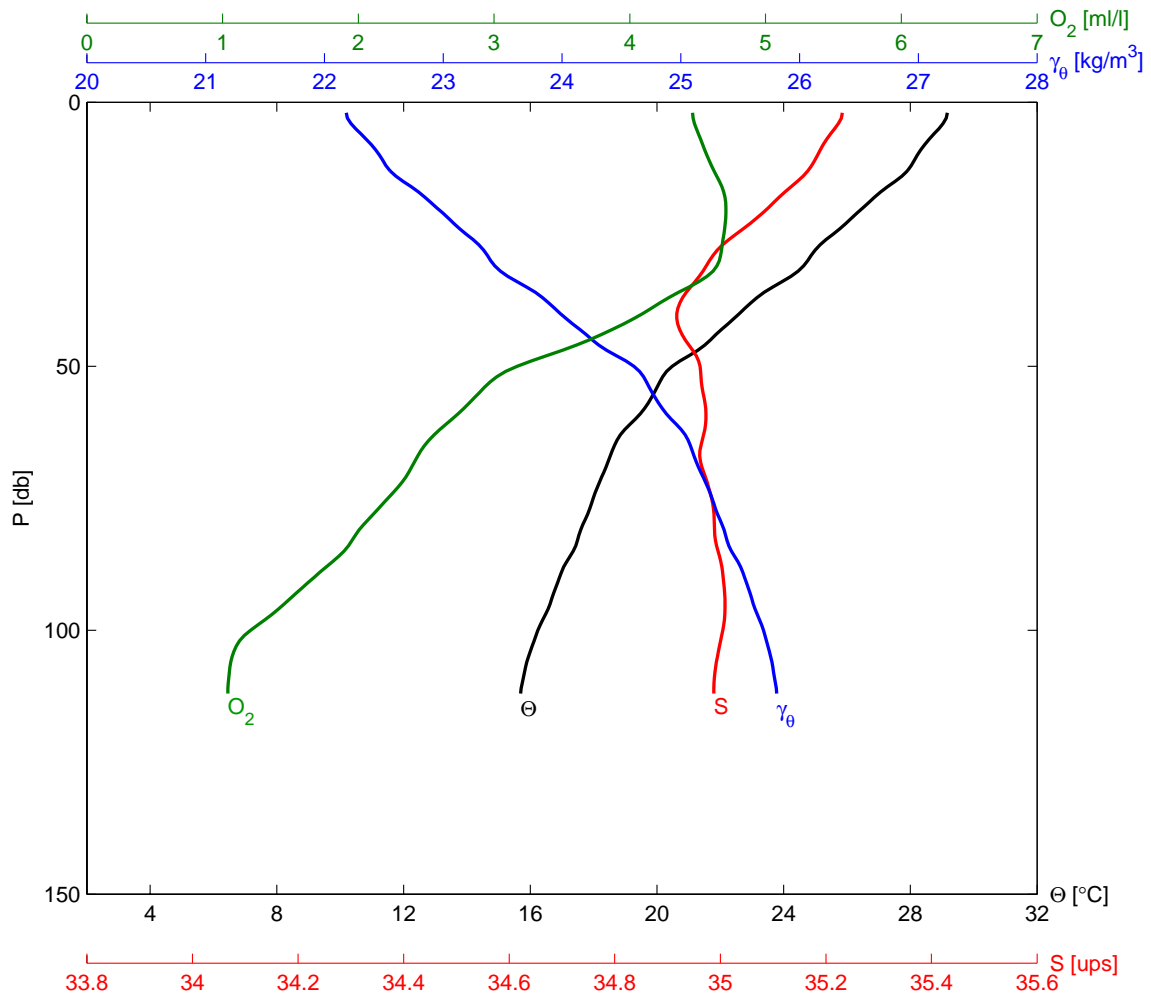
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
P13	128	24 39.9	110 36.8	15	8	2004	2027		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
411.0	29.6	35.24	62.5	32.2	2.3	63	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.514	35.273	22.099	4.456	100.0	16.570	35.015	25.628	1.758
5.0	28.943	35.242	22.267	4.512	120.0	15.517	34.979	25.842	1.270
10.0	27.140	35.112	22.760	4.710	140.0	14.883	34.955	25.964	1.039
20.0	24.617	34.972	23.437	4.671	160.0	14.287	34.932	26.075	0.892
30.0	23.757	34.966	23.689	4.537	180.0	13.792	34.909	26.161	0.675
40.0	21.680	34.966	24.283	3.936	200.0	13.443	34.892	26.220	0.618
50.0	19.648	34.982	24.842	2.926	300.0	11.475	34.756	26.499	0.126
60.0	18.482	34.996	25.150	2.516	400.0	9.950	34.663	26.698	0.056
80.0	17.326	34.976	25.419	2.120	401.0	9.948	34.663	26.698	0.056



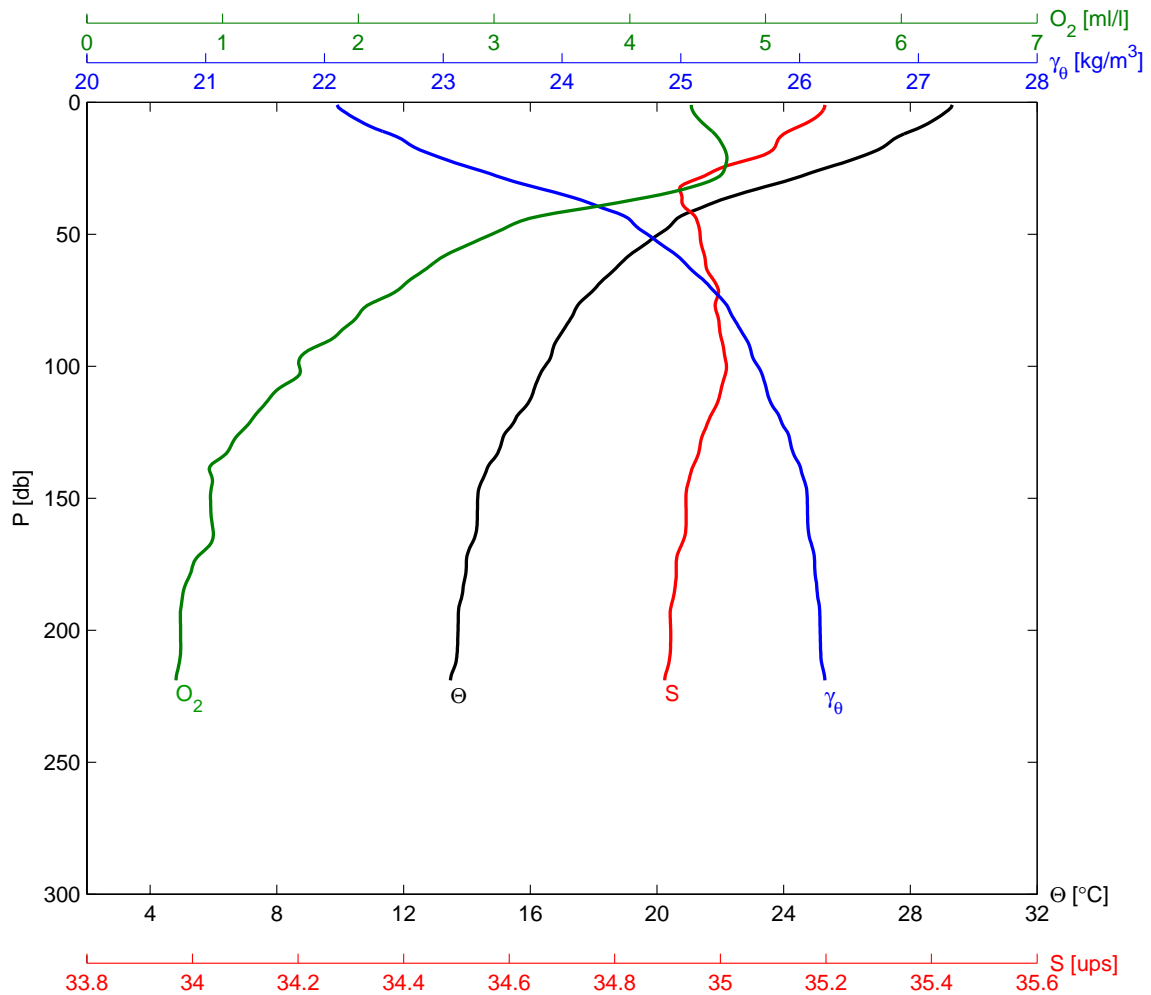
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
P14	129	24 38.6	110 39.8	15	8	2004	2113		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
285.0	29.7	35.20	70.0	30.6	1.6	59	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.524	35.257	22.083	4.448	80.0	17.695	34.996	25.345	2.195
5.0	29.225	35.249	22.178	4.468	100.0	16.396	35.013	25.667	1.629
10.0	28.318	35.175	22.424	4.574	120.0	15.392	34.974	25.866	1.232
20.0	25.850	35.033	23.107	4.702	140.0	14.752	34.951	25.989	0.964
30.0	24.559	34.965	23.450	4.621	160.0	14.163	34.930	26.099	0.893
40.0	22.267	34.931	24.091	4.131	180.0	13.728	34.910	26.175	0.704
50.0	20.290	34.943	24.643	3.218	200.0	13.292	34.883	26.244	0.594
60.0	19.037	34.961	24.983	2.599	268.0	11.812	34.778	26.453	0.107



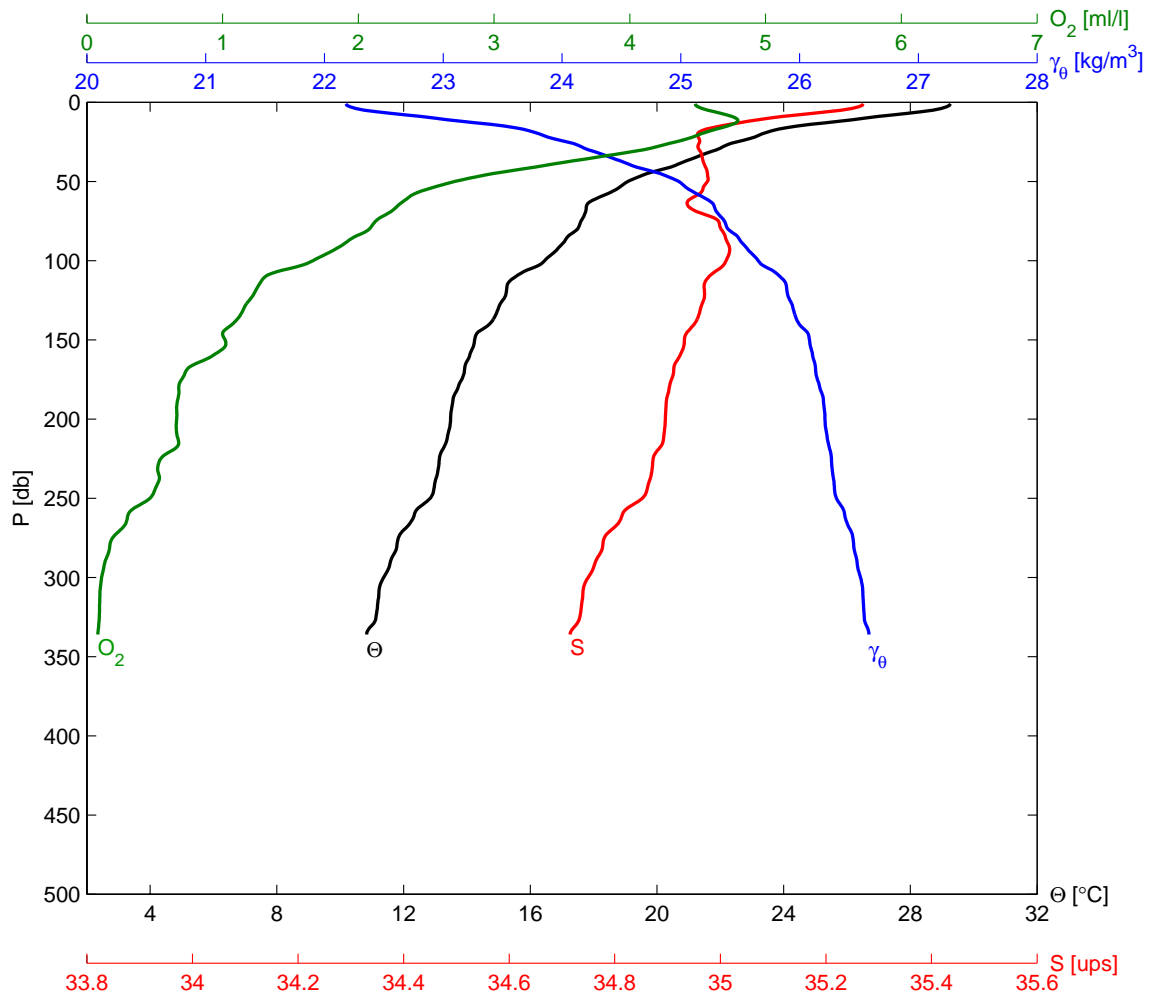
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
P15	130	24 30.0	110 39.5	15	8	2004	2240		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
125.0	30.2	35.25	76.9	30.6	0.6	101	9	1010.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.170	35.232	22.184	4.462	40.0	22.604	34.917	23.986	4.097
5.0	28.899	35.217	22.263	4.490	50.0	20.481	34.962	24.606	3.170
10.0	28.217	35.184	22.464	4.567	60.0	19.320	34.973	24.920	2.691
20.0	26.499	35.091	22.947	4.708	80.0	17.657	34.989	25.349	2.038
30.0	24.758	34.979	23.401	4.660	100.0	16.240	35.005	25.697	1.206
112.0	15.696	34.987	25.808	1.039					



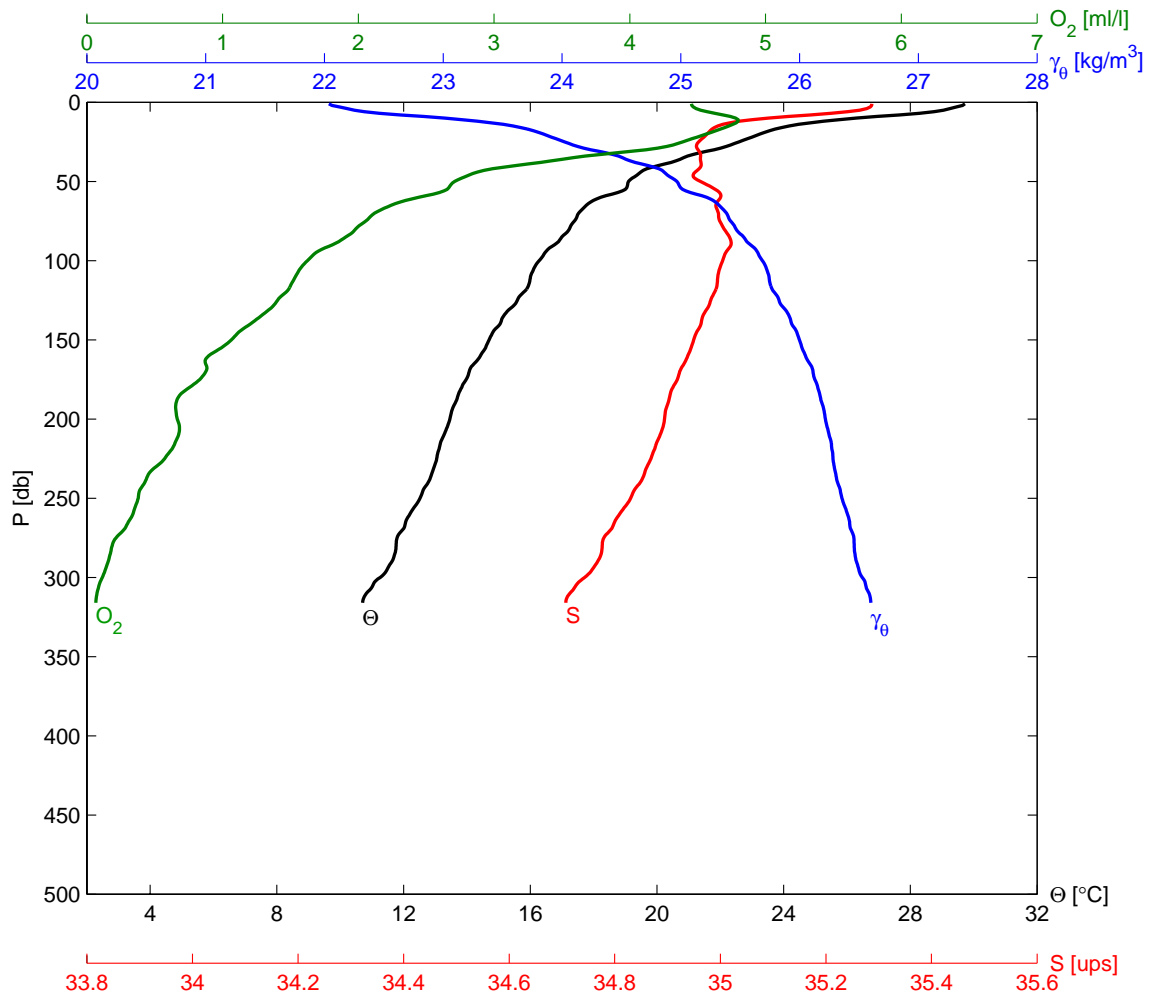
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
P16	131	24 30.9	110 37.3	15	8	2004	2315		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
235.0	29.6	35.21	70.8	31.2	0.7	235	9	1010.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.288	35.198	22.118	4.454	80.0	17.368	34.994	25.422	2.008
5.0	28.970	35.186	22.216	4.484	100.0	16.463	35.012	25.651	1.565
10.0	28.216	35.139	22.431	4.584	120.0	15.531	34.979	25.838	1.219
20.0	26.572	35.083	22.918	4.714	140.0	14.601	34.944	26.017	0.906
30.0	24.015	34.942	23.595	4.582	160.0	14.321	34.935	26.070	0.924
40.0	21.386	34.933	24.339	3.690	180.0	13.942	34.916	26.135	0.751
50.0	20.054	34.962	24.720	2.983	200.0	13.719	34.906	26.174	0.690
60.0	18.940	34.972	25.016	2.578	219.0	13.481	34.894	26.214	0.657



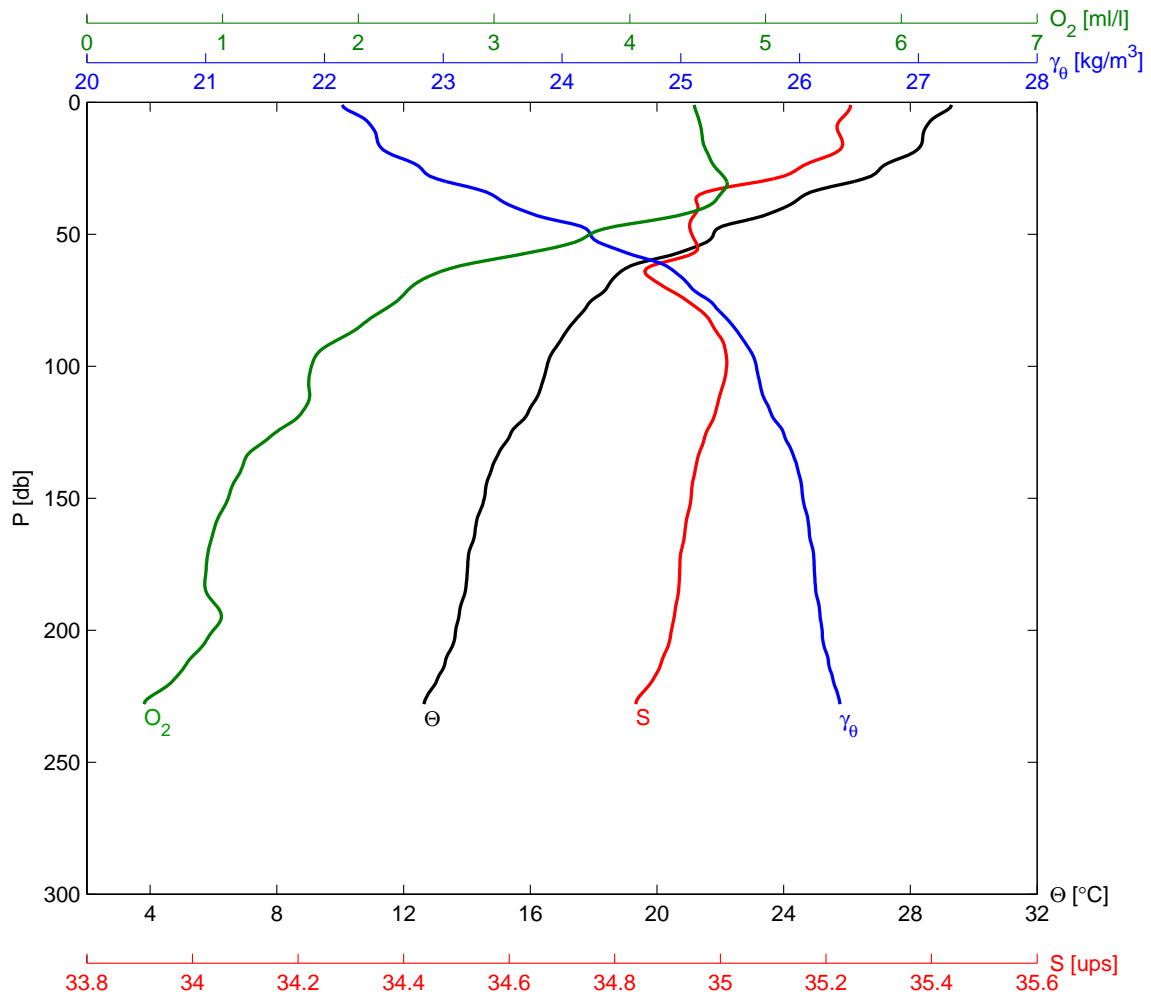
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
P17	132	24 32.6	110 34.6	16	8	2004	0000		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
0.0	29.3	35.27	73.4	30.8	1.0	263	9	1009.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.233	35.270	22.191	4.487	80.0	17.494	35.001	25.397	2.082
5.0	28.712	35.231	22.336	4.574	100.0	16.452	35.011	25.653	1.666
10.0	26.570	35.092	22.926	4.780	120.0	15.242	34.970	25.896	1.237
20.0	23.318	34.956	23.810	4.523	140.0	14.717	34.951	25.997	1.074
30.0	21.882	34.960	24.222	4.100	160.0	14.084	34.923	26.111	0.927
40.0	20.565	34.971	24.590	3.368	180.0	13.724	34.903	26.171	0.677
50.0	19.086	34.976	24.982	2.713	200.0	13.485	34.896	26.214	0.662
60.0	18.173	34.948	25.191	2.372	300.0	11.370	34.750	26.514	0.109
336.0	10.834	34.715	26.584	0.081					



ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E01	133	24 33.4	110 33.1	16	8	2004	0048		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
327.0	30.3	35.32	81.2	30.4	1.3	278	9	1009.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.645	35.287	22.064	4.457	80.0	17.235	35.007	25.465	1.981
5.0	29.045	35.267	22.252	4.521	100.0	16.282	35.005	25.687	1.626
10.0	26.287	35.089	23.013	4.779	120.0	15.790	34.989	25.788	1.467
20.0	23.262	34.975	23.841	4.566	140.0	15.047	34.963	25.934	1.205
30.0	21.800	34.958	24.243	4.117	160.0	14.426	34.939	26.050	0.899
40.0	20.040	34.964	24.725	3.159	180.0	13.835	34.910	26.153	0.757
50.0	19.105	34.962	24.967	2.710	200.0	13.463	34.894	26.218	0.667
60.0	18.226	35.001	25.218	2.445	300.0	11.260	34.743	26.529	0.114
316.0	10.708	34.707	26.600	0.066					

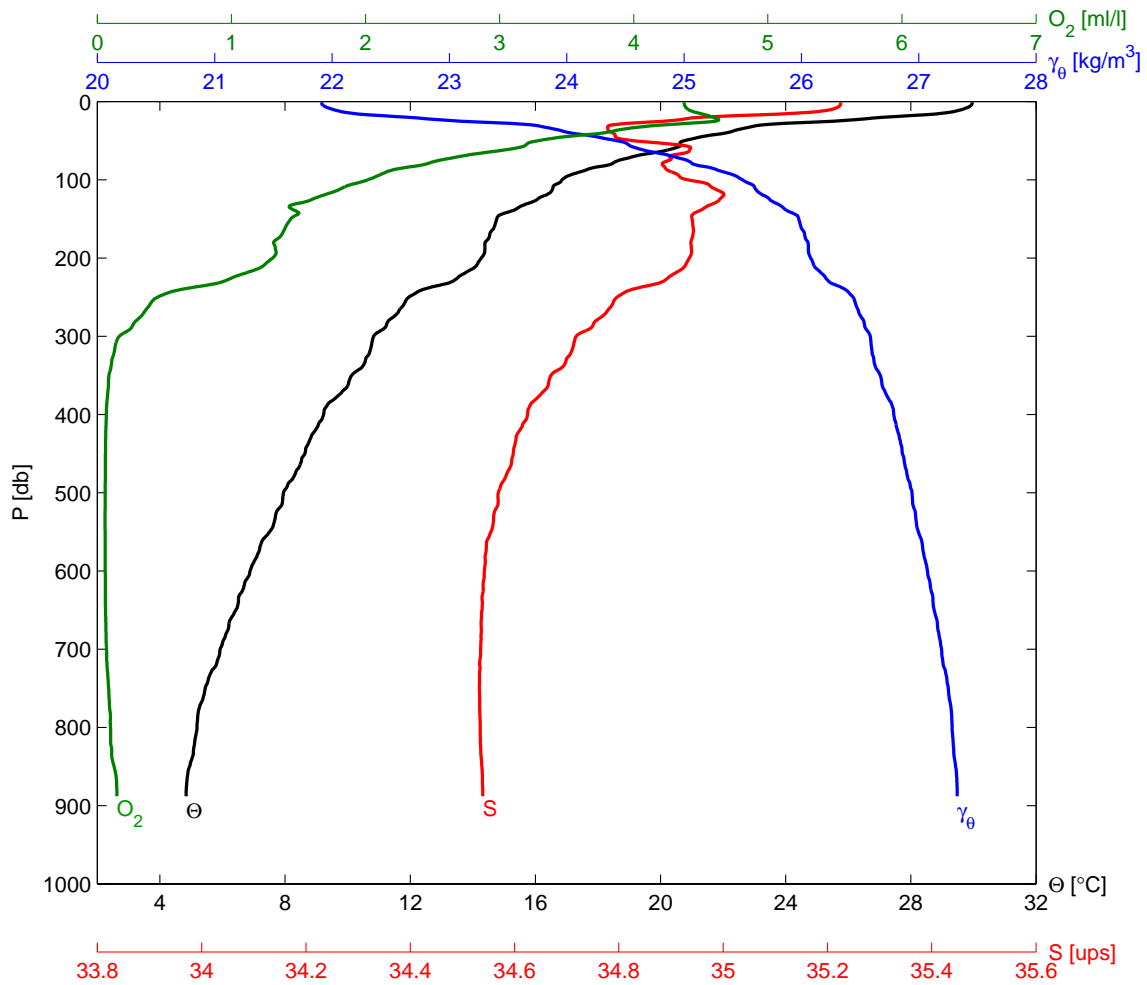


ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E02	134	24 37.8	110 26.8	16	8	2004	0156		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
243.0	29.5	35.26	85.8	29.9	2.4	127	9	1010.0	
PR	$\Theta$	SA	$\gamma$	$O_2$	PR	$\Theta$	SA	$\gamma$	$O_2$
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.264	35.246	22.163	4.478	80.0	17.613	34.969	25.344	2.145
5.0	28.860	35.235	22.290	4.499	100.0	16.526	35.012	25.636	1.655
10.0	28.462	35.221	22.411	4.525	120.0	15.798	34.987	25.784	1.540
20.0	27.933	35.210	22.576	4.579	140.0	14.753	34.952	25.990	1.131
30.0	26.225	35.077	23.023	4.715	160.0	14.287	34.934	26.076	0.947
40.0	23.993	34.958	23.613	4.548	180.0	13.999	34.923	26.128	0.873
50.0	21.784	34.946	24.238	3.706	200.0	13.645	34.907	26.190	0.931
60.0	19.712	34.904	24.765	2.938	228.0	12.646	34.840	26.340	0.421

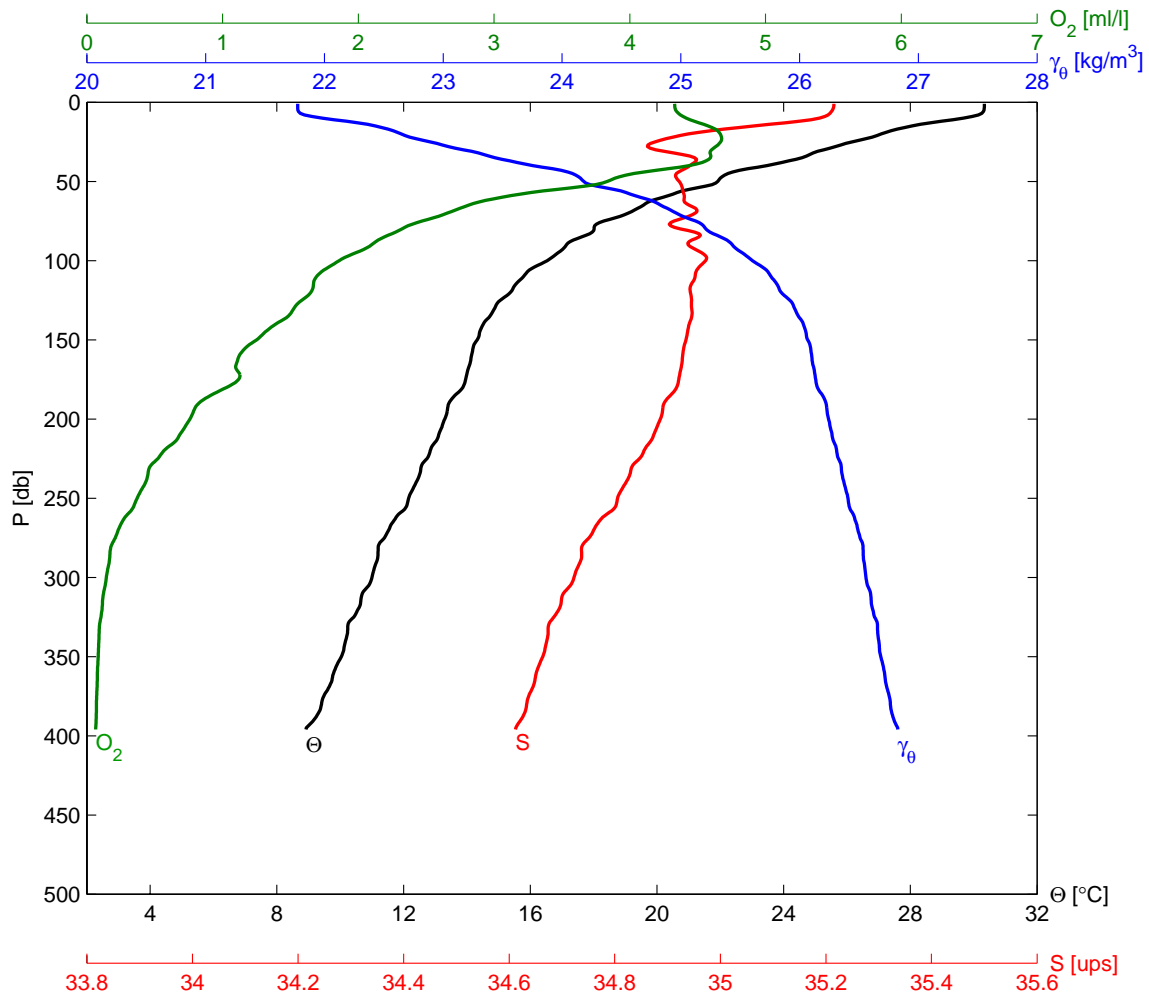




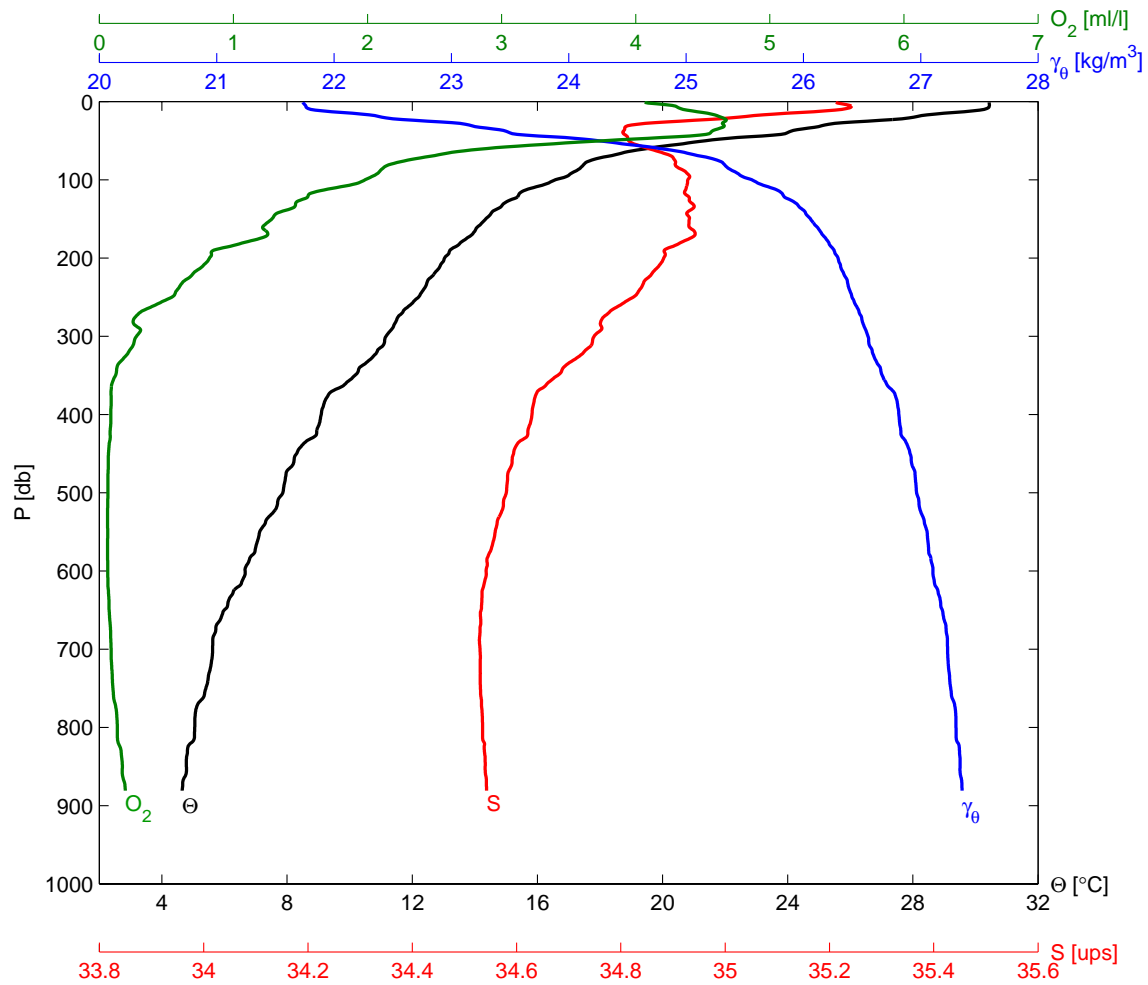
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E03	135	24 41.5	110 21.9	16	8	2004	0310		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
903.0	30.0	35.23	88.3	29.4	1.4	129	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.958	35.225	21.912	4.376	140.0	15.232	34.954	25.886	1.482
5.0	29.922	35.224	21.923	4.380	160.0	14.691	34.942	25.996	1.405
10.0	29.646	35.209	22.006	4.404	180.0	14.396	34.938	26.056	1.315
20.0	27.155	34.955	22.636	4.591	200.0	14.272	34.935	26.080	1.307
30.0	23.218	34.785	23.709	4.213	300.0	10.832	34.718	26.587	0.164
40.0	22.113	34.788	24.026	3.780	400.0	9.233	34.625	26.787	0.067
50.0	20.760	34.827	24.428	3.287	500.0	7.951	34.569	26.943	0.059
60.0	20.406	34.938	24.608	3.108	600.0	6.883	34.542	27.074	0.059
80.0	18.428	34.883	25.077	2.450	700.0	5.924	34.535	27.195	0.068
100.0	16.857	34.931	25.496	2.019	800.0	5.187	34.534	27.284	0.099
120.0	16.306	35.001	25.679	1.680	888.0	4.838	34.539	27.329	0.146



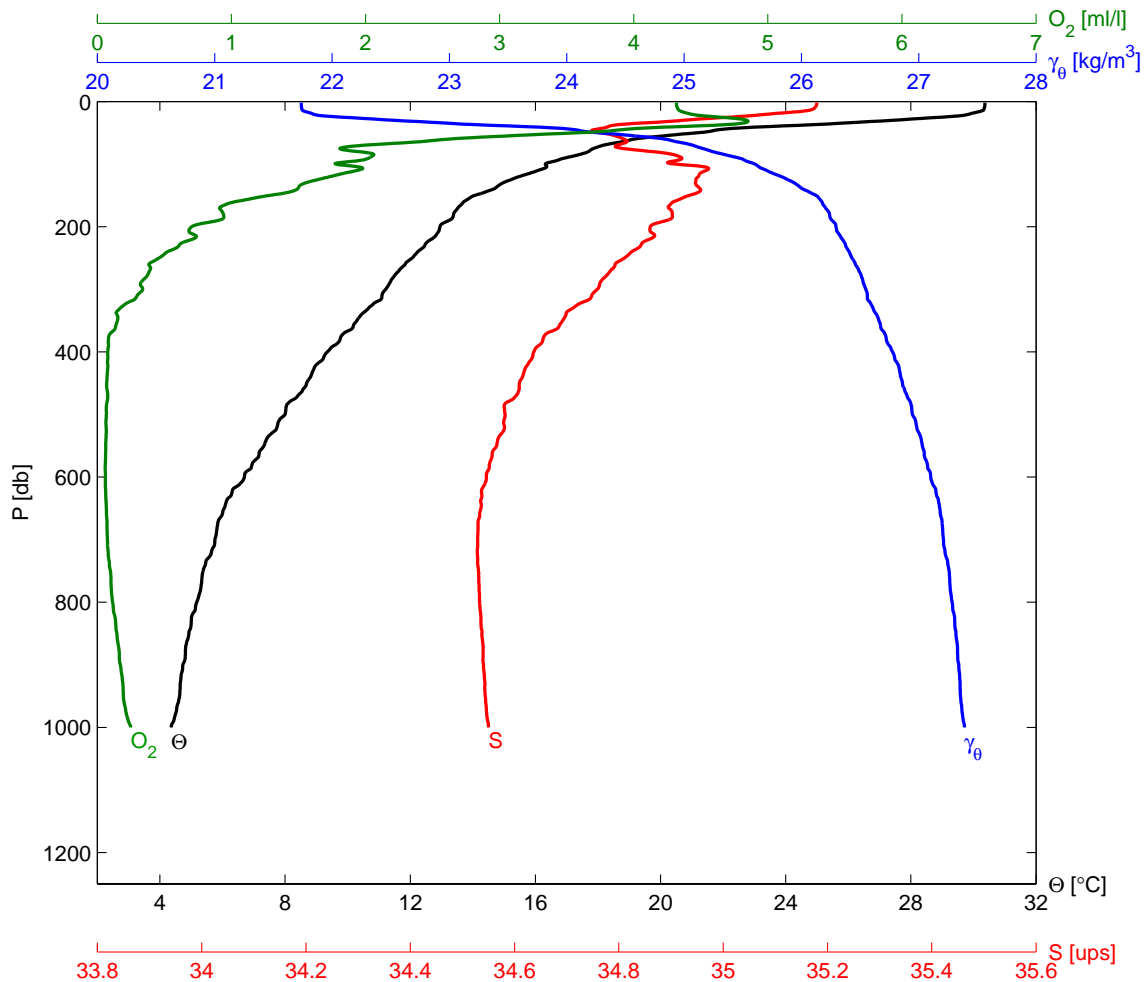
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E04	136	24 45.1	110 16.9	16	8	2004	0445		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
400.0	30.3	35.22	81.8	29.9	2.8	135	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.335	35.215	21.775	4.331	80.0	18.013	34.924	25.212	2.320
5.0	30.323	35.213	21.777	4.338	100.0	16.532	34.972	25.604	1.858
10.0	29.682	35.190	21.979	4.415	120.0	15.379	34.943	25.845	1.651
20.0	27.086	34.939	22.646	4.666	140.0	14.518	34.941	26.032	1.393
30.0	25.264	34.876	23.169	4.603	160.0	14.143	34.929	26.103	1.123
40.0	23.479	34.943	23.753	4.440	180.0	13.871	34.917	26.151	1.030
50.0	21.921	34.922	24.182	3.836	200.0	13.301	34.886	26.245	0.760
60.0	20.192	34.932	24.660	3.057	300.0	11.001	34.723	26.560	0.144
396.0	8.916	34.612	26.828	0.066					



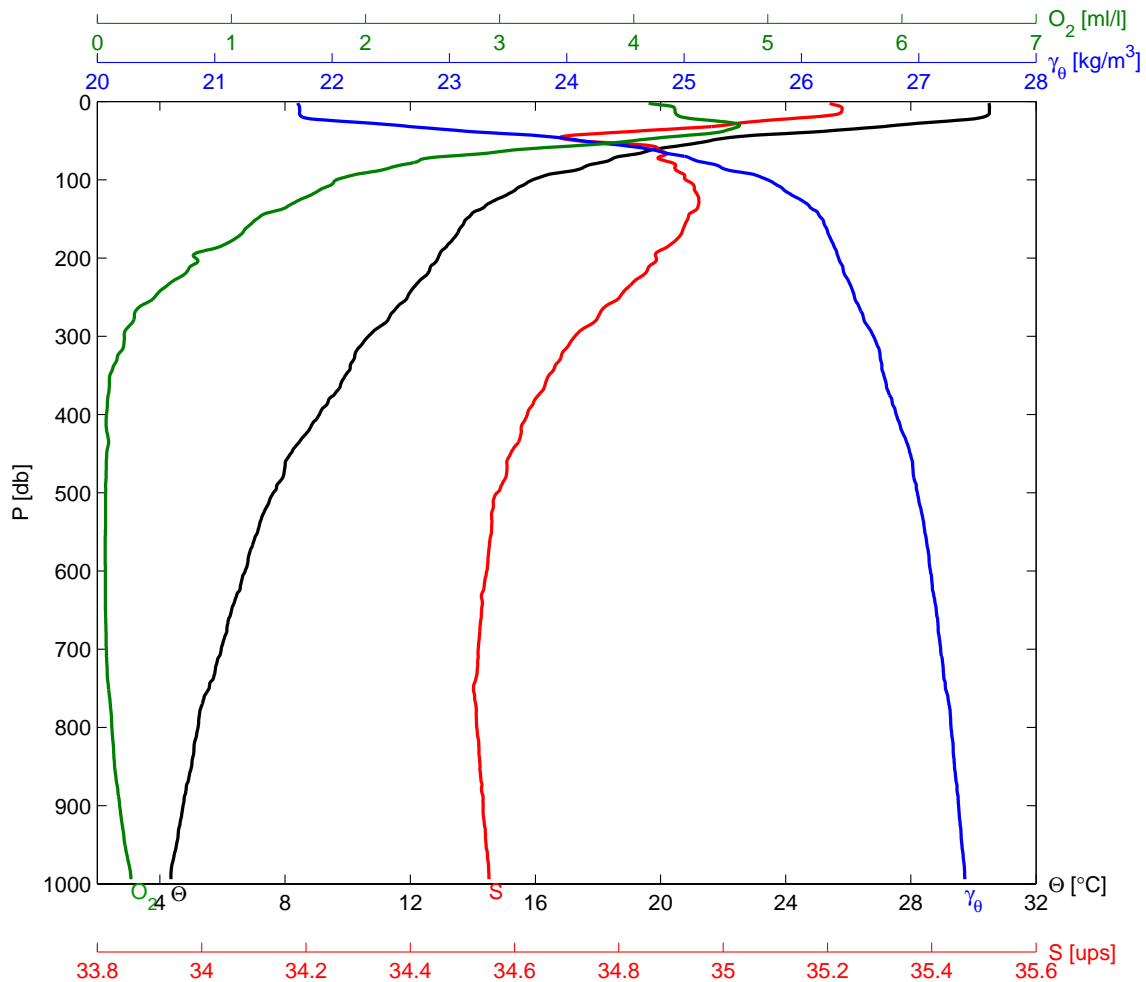
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E05	137	24 48.7	110 11.8	16	8	2004	0558		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
860.0	30.4	35.25	81.7	29.8	3.3	161	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.441	35.214	21.738	4.093	140.0	14.585	34.930	26.009	1.370
5.0	30.444	35.240	21.756	4.272	160.0	14.094	34.931	26.114	1.219
10.0	30.281	35.225	21.801	4.353	180.0	13.554	34.916	26.216	1.085
20.0	28.026	35.026	22.408	4.637	200.0	13.033	34.882	26.296	0.822
30.0	25.185	34.820	23.151	4.656	300.0	11.164	34.749	26.551	0.278
40.0	23.987	34.804	23.498	4.558	400.0	9.091	34.630	26.814	0.086
50.0	21.375	34.815	24.252	3.762	500.0	7.864	34.580	26.965	0.064
60.0	19.520	34.852	24.776	2.892	600.0	6.659	34.542	27.104	0.063
80.0	17.493	34.904	25.323	2.176	700.0	5.619	34.530	27.229	0.088
100.0	16.582	34.928	25.559	1.983	800.0	5.050	34.535	27.301	0.134
120.0	15.396	34.927	25.829	1.557	881.0	4.649	34.543	27.353	0.194



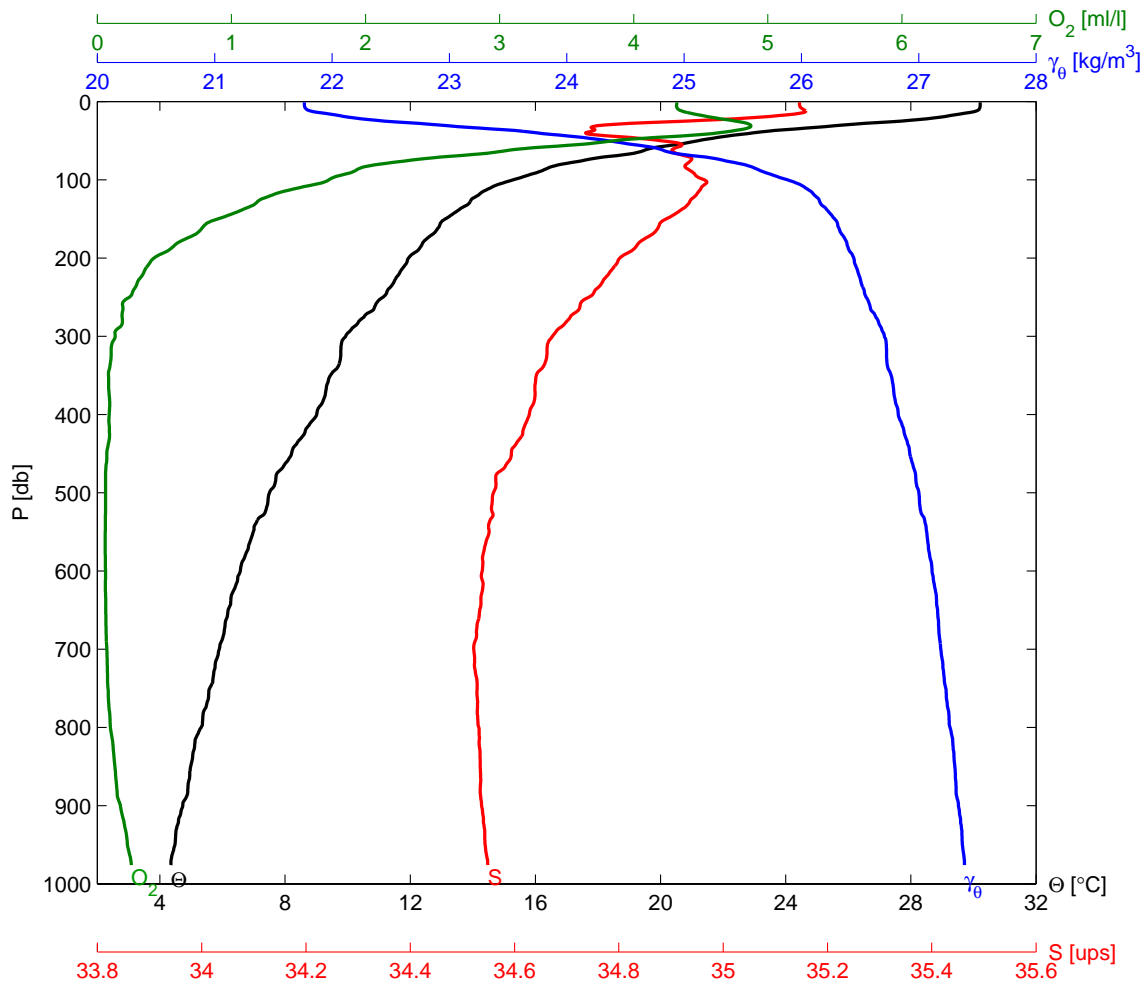
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E06	138	24 52.5	110 7.0	16	8	2004	0723		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1285.0	30.4	35.18	78.1	30.0	4.3	154	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.364	35.180	21.738	4.319	160.0	13.716	34.905	26.174	1.030
5.0	30.365	35.179	21.738	4.319	180.0	13.388	34.903	26.239	0.940
10.0	30.348	35.175	21.741	4.326	200.0	12.950	34.860	26.295	0.704
20.0	29.867	35.087	21.839	4.424	300.0	11.214	34.759	26.549	0.338
30.0	27.429	34.923	22.524	4.845	400.0	9.354	34.637	26.777	0.077
40.0	23.437	34.780	23.642	4.348	500.0	7.998	34.582	26.946	0.067
50.0	21.174	34.766	24.270	3.577	600.0	6.699	34.546	27.102	0.060
60.0	19.159	34.809	24.836	2.621	700.0	5.759	34.529	27.211	0.076
80.0	17.696	34.864	25.243	1.944	800.0	5.176	34.533	27.285	0.114
100.0	16.315	34.908	25.605	1.778	900.0	4.733	34.540	27.341	0.172
120.0	15.473	34.952	25.831	1.735	1000.0	4.364	34.550	27.390	0.250
140.0	14.657	34.956	26.014	1.491	1000.0	4.364	34.550	27.390	0.250



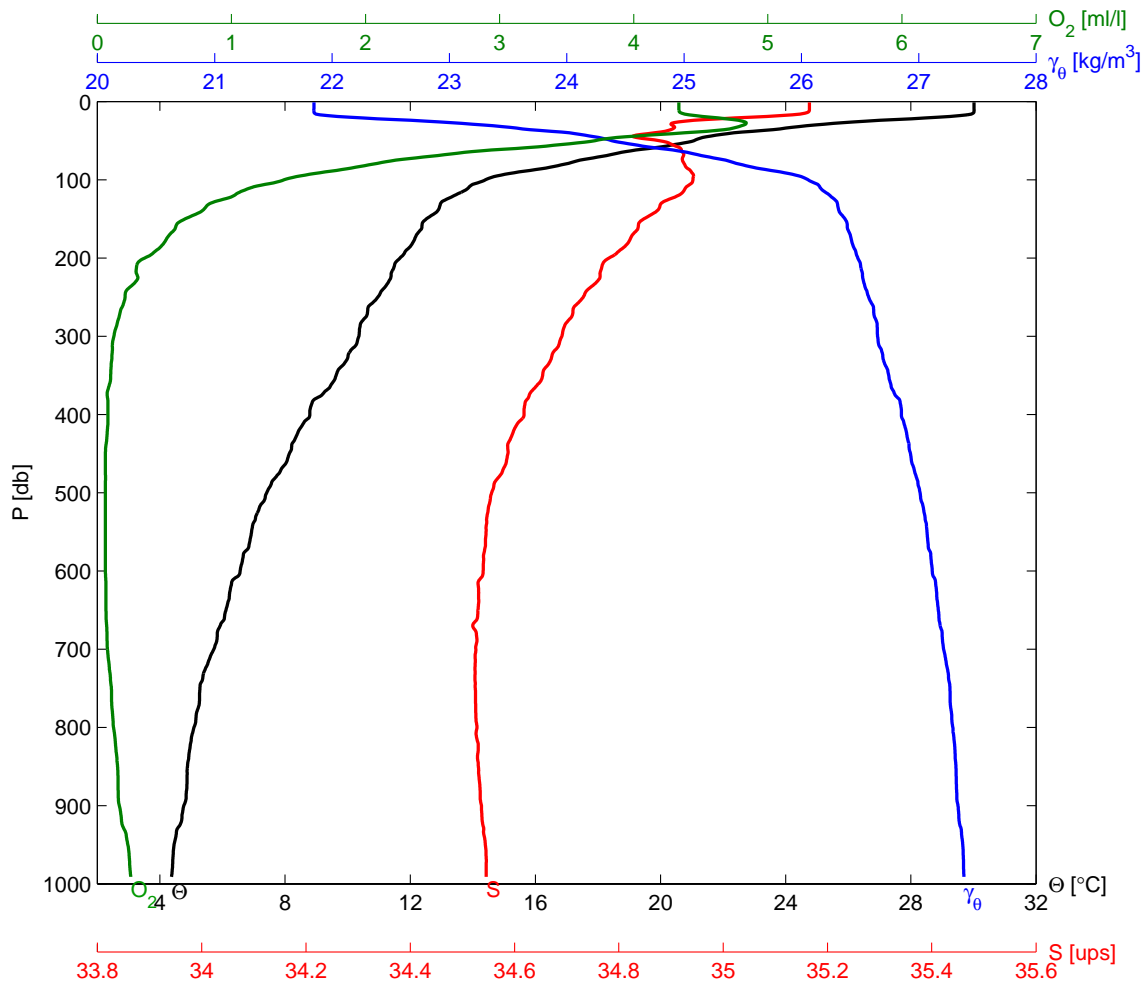
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E07	139	24 56.2	110 2.1	16	8	2004	0853		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1545.0	30.5	35.23	73.6	30.3	3.7	138	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.500	35.203	21.709	4.111	140.0	14.093	34.944	26.125	1.324
5.0	30.507	35.219	21.719	4.240	160.0	13.636	34.925	26.206	1.122
10.0	30.512	35.228	21.724	4.307	180.0	13.278	34.905	26.264	0.981
20.0	30.302	35.167	21.750	4.364	200.0	12.888	34.872	26.317	0.733
30.0	27.623	35.007	22.525	4.788	300.0	10.664	34.716	26.615	0.201
40.0	24.432	34.782	23.350	4.605	400.0	9.098	34.624	26.809	0.068
50.0	21.580	34.719	24.122	3.996	500.0	7.627	34.567	26.989	0.062
60.0	19.974	34.874	24.674	3.247	600.0	6.725	34.547	27.100	0.060
80.0	17.830	34.908	25.245	2.303	700.0	5.960	34.530	27.187	0.067
100.0	15.919	34.928	25.711	1.784	800.0	5.219	34.528	27.275	0.108
120.0	15.054	34.951	25.923	1.586	900.0	4.742	34.540	27.340	0.167
994.0	4.350	34.551	27.392	0.250					



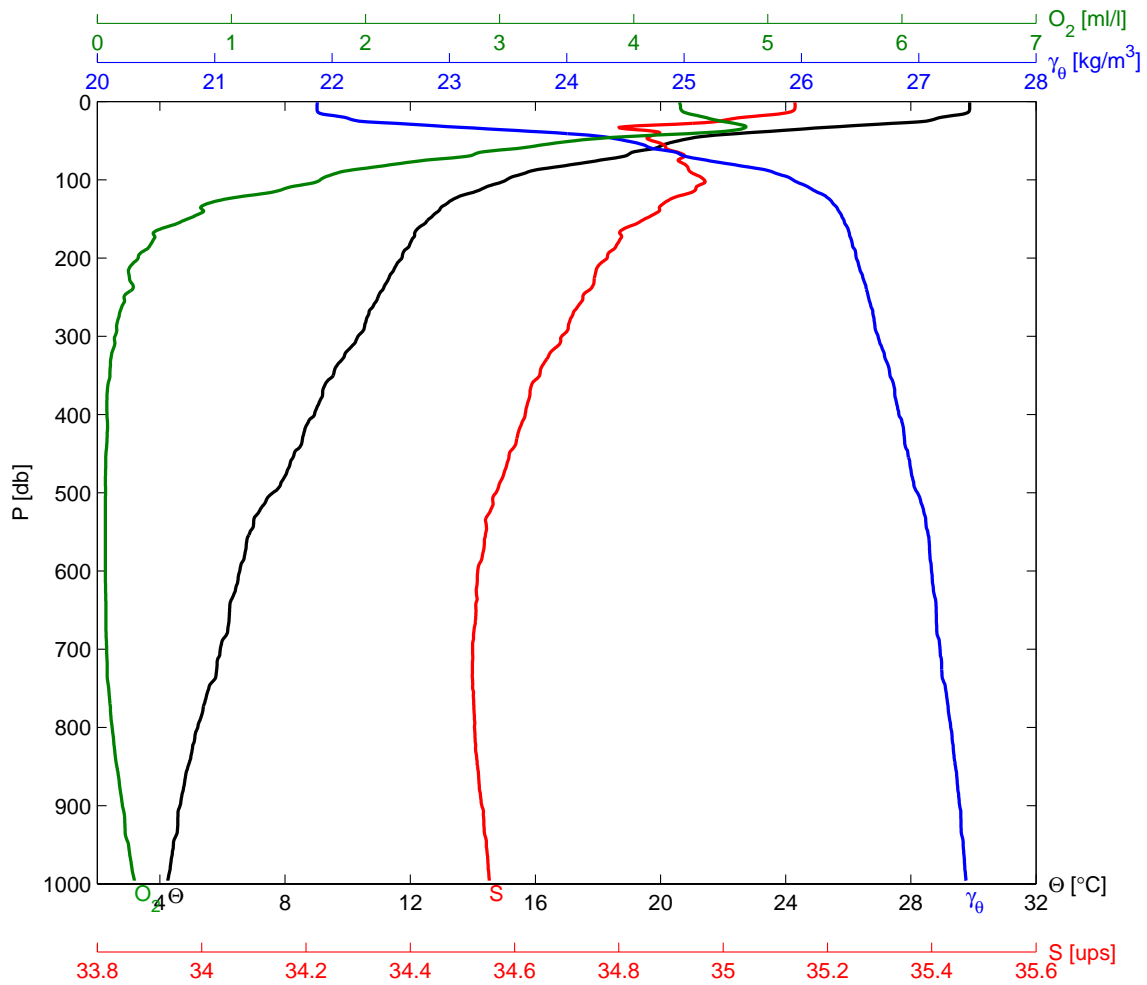
ESTACION E08	LANCE 140	LATITUD 25 29.8	LONGITUD 109 57.0	DD MM 16 8	AA 2004	H[UT] 1025			
PROFTOT [m] 1520.0	TEMSUP [°C] 30.2	SALSUP [ups] 35.15	TEBUHU [°C] 76.6	TEBUSE [°C] 30.0	V-MAG [m/s] 4.5	DIR [AZM] 121	NUBES [1/8] 9	BAROM [bar] 1012.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	30.214	35.146	21.765	4.321	140.0	13.500	34.916	26.227	1.059
5.0	30.215	35.147	21.765	4.320	160.0	12.921	34.876	26.314	0.790
10.0	30.179	35.153	21.783	4.332	180.0	12.408	34.839	26.386	0.606
20.0	28.937	35.071	22.141	4.576	200.0	11.945	34.802	26.446	0.423
30.0	25.851	34.772	22.909	4.871	300.0	9.937	34.673	26.708	0.133
40.0	22.974	34.735	23.741	4.634	400.0	9.010	34.628	26.826	0.089
50.0	21.196	34.881	24.351	3.853	500.0	7.503	34.560	27.001	0.062
60.0	19.673	34.905	24.777	3.189	600.0	6.569	34.538	27.114	0.061
80.0	16.858	34.930	25.495	2.109	700.0	5.898	34.522	27.188	0.071
100.0	15.300	34.964	25.878	1.728	800.0	5.316	34.531	27.267	0.098
120.0	14.162	34.948	26.113	1.297	900.0	4.730	34.537	27.339	0.172
976.0	4.349	34.549	27.390	0.253					



ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
E09	141		25	3.5	109 52.2		16	8	2004	1150
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
1605.0	30.0	35.17	81.7	29.4	3.5	131	9	1012.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.018	35.165	21.846	4.337	140.0	12.870	34.873	26.321	0.780	
5.0	30.020	35.166	21.846	4.337	160.0	12.375	34.837	26.391	0.585	
10.0	30.021	35.166	21.846	4.336	180.0	12.090	34.818	26.431	0.500	
20.0	28.879	35.054	22.147	4.571	200.0	11.674	34.781	26.481	0.353	
30.0	24.934	34.901	23.289	4.821	300.0	10.357	34.691	26.649	0.124	
40.0	22.345	34.869	24.023	4.379	400.0	8.789	34.618	26.853	0.079	
50.0	21.068	34.878	24.384	3.710	500.0	7.414	34.556	27.011	0.060	
60.0	19.627	34.919	24.799	3.121	600.0	6.566	34.540	27.116	0.060	
80.0	16.948	34.926	25.471	2.057	700.0	5.724	34.526	27.213	0.076	
100.0	14.411	34.942	26.056	1.394	800.0	5.088	34.528	27.291	0.121	
120.0	13.418	34.914	26.242	1.021	900.0	4.765	34.537	27.335	0.164	
991.0	4.373	34.546	27.385	0.249						

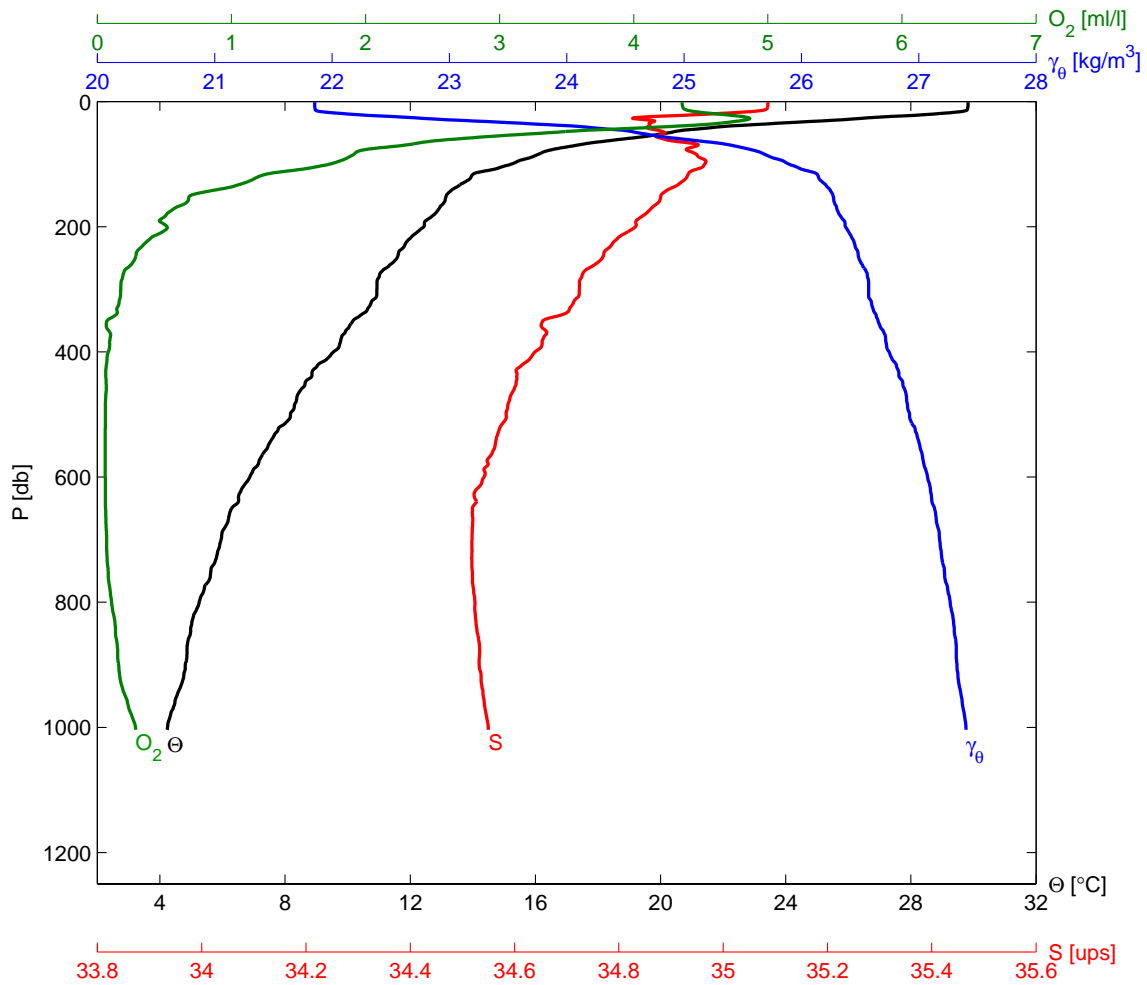


ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
E10	142		25 7.2		109 47.5		16	8	2004	1319
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
1500.0	29.9	35.14	84.5	29.4	3.0	126	9	1013.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	29.877	35.138	21.874	4.343	140.0	12.906	34.878	26.318	0.793	
5.0	29.880	35.138	21.873	4.348	160.0	12.312	34.819	26.389	0.521	
10.0	29.878	35.137	21.873	4.352	180.0	12.013	34.799	26.431	0.407	
20.0	28.988	35.040	22.100	4.526	200.0	11.732	34.778	26.468	0.304	
30.0	26.531	34.872	22.772	4.808	300.0	10.332	34.690	26.653	0.132	
40.0	22.771	34.880	23.910	4.516	400.0	8.940	34.620	26.831	0.072	
50.0	20.586	34.863	24.503	3.561	500.0	7.613	34.564	26.989	0.061	
60.0	19.805	34.890	24.730	3.131	600.0	6.553	34.529	27.109	0.060	
80.0	17.264	34.926	25.395	2.223	700.0	5.931	34.520	27.182	0.069	
100.0	15.084	34.963	25.926	1.664	800.0	5.209	34.523	27.273	0.110	
120.0	13.651	34.919	26.198	1.135	900.0	4.644	34.537	27.349	0.187	
996.0	4.254	34.552	27.403	0.277						

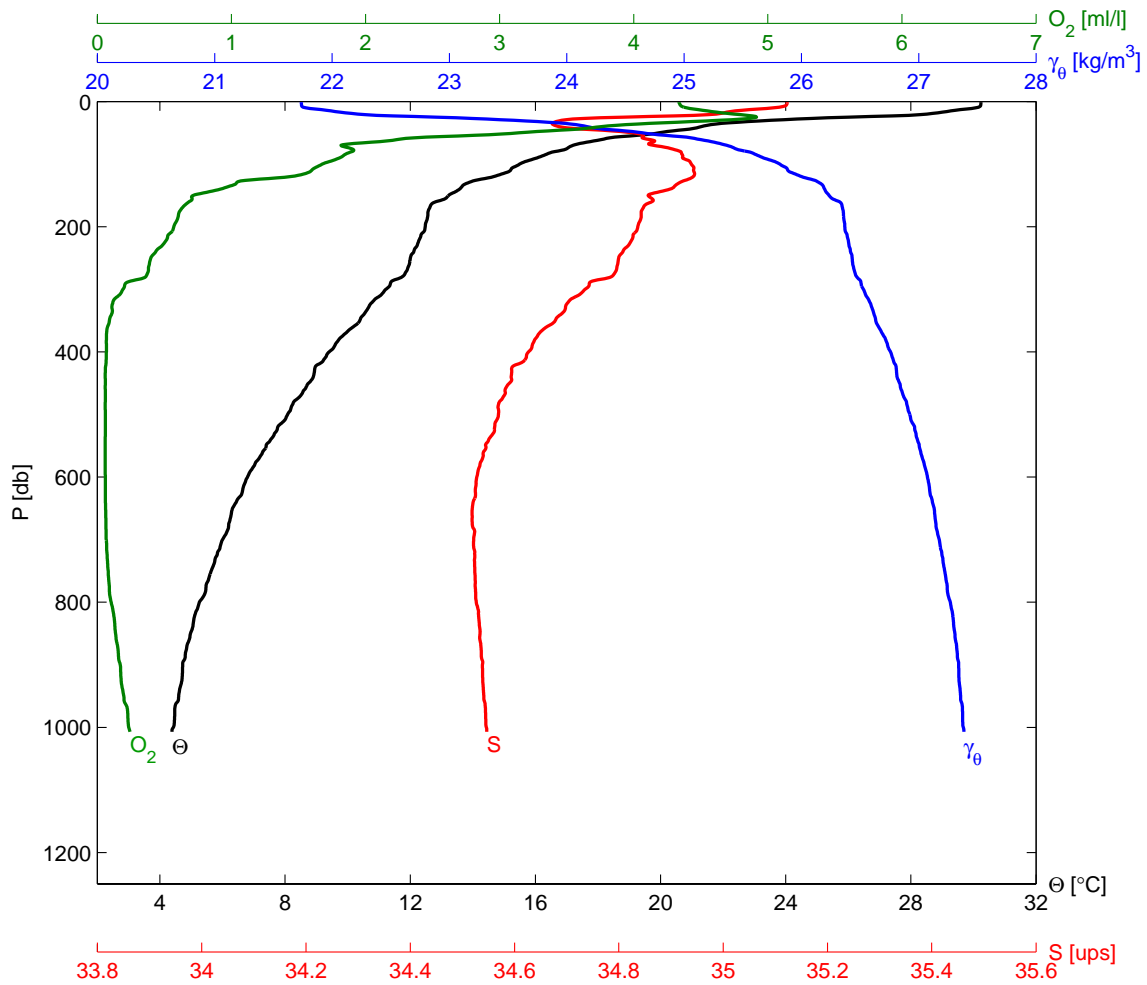




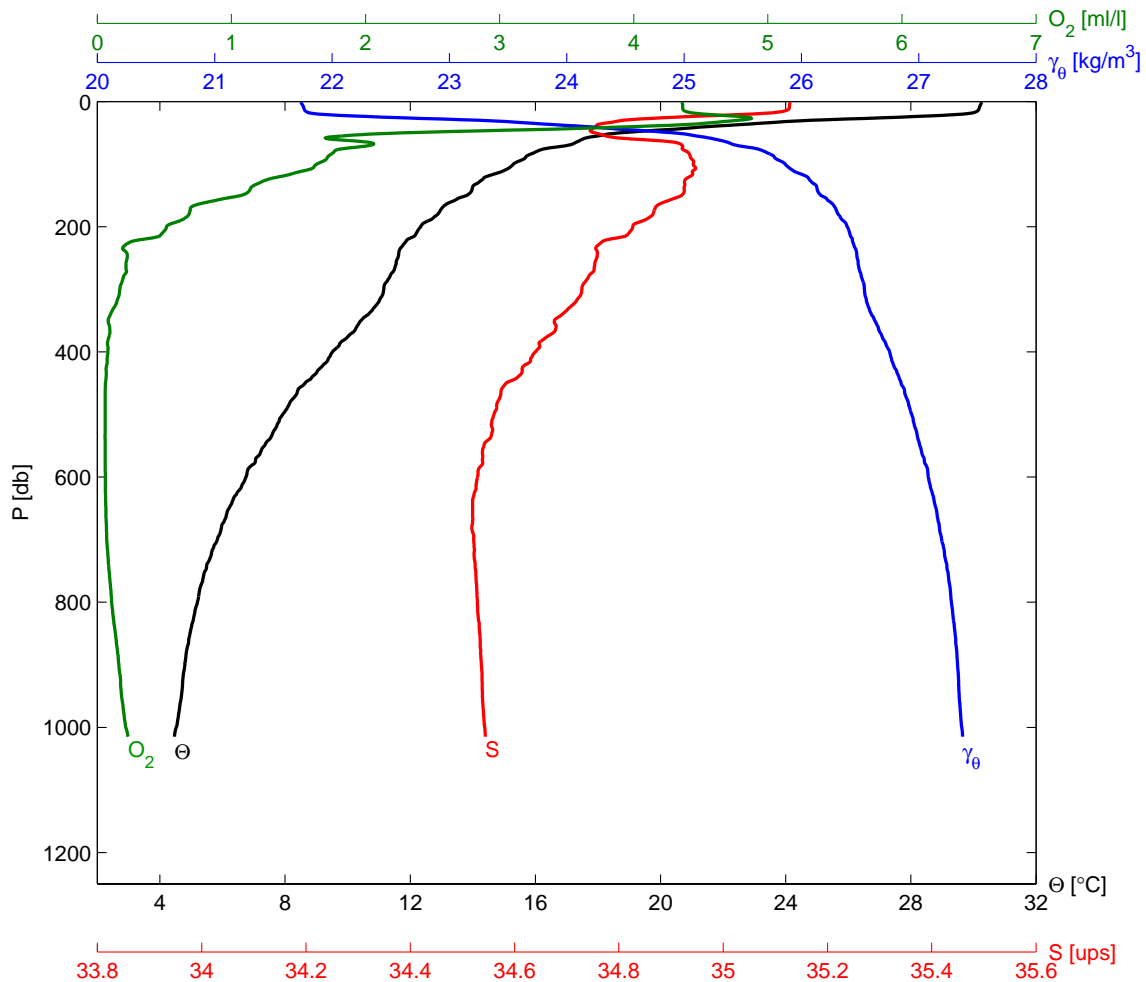
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E11	143	25 11.0	109 42.7	16	8	2004	1448		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2426.0	29.8	35.09	81.4	28.8	2.9	144	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.827	35.086	21.852	4.361	160.0	13.097	34.877	26.279	0.672
5.0	29.827	35.086	21.852	4.362	180.0	12.777	34.850	26.322	0.517
10.0	29.818	35.085	21.855	4.368	200.0	12.434	34.832	26.375	0.520
20.0	28.707	34.972	22.143	4.630	300.0	10.935	34.724	26.573	0.174
30.0	25.500	34.864	23.088	4.818	400.0	9.547	34.639	26.747	0.082
40.0	21.969	34.855	24.118	4.262	500.0	8.170	34.584	26.922	0.060
50.0	20.264	34.889	24.609	3.358	600.0	6.874	34.541	27.075	0.059
60.0	18.785	34.887	24.990	2.671	700.0	5.957	34.518	27.178	0.069
80.0	16.291	34.937	25.633	1.938	800.0	5.253	34.524	27.268	0.106
100.0	15.230	34.964	25.895	1.733	900.0	4.810	34.532	27.326	0.159
120.0	13.949	34.931	26.145	1.203	1000.0	4.245	34.549	27.402	0.285
140.0	13.362	34.896	26.240	0.916	1004.0	4.233	34.550	27.404	0.286



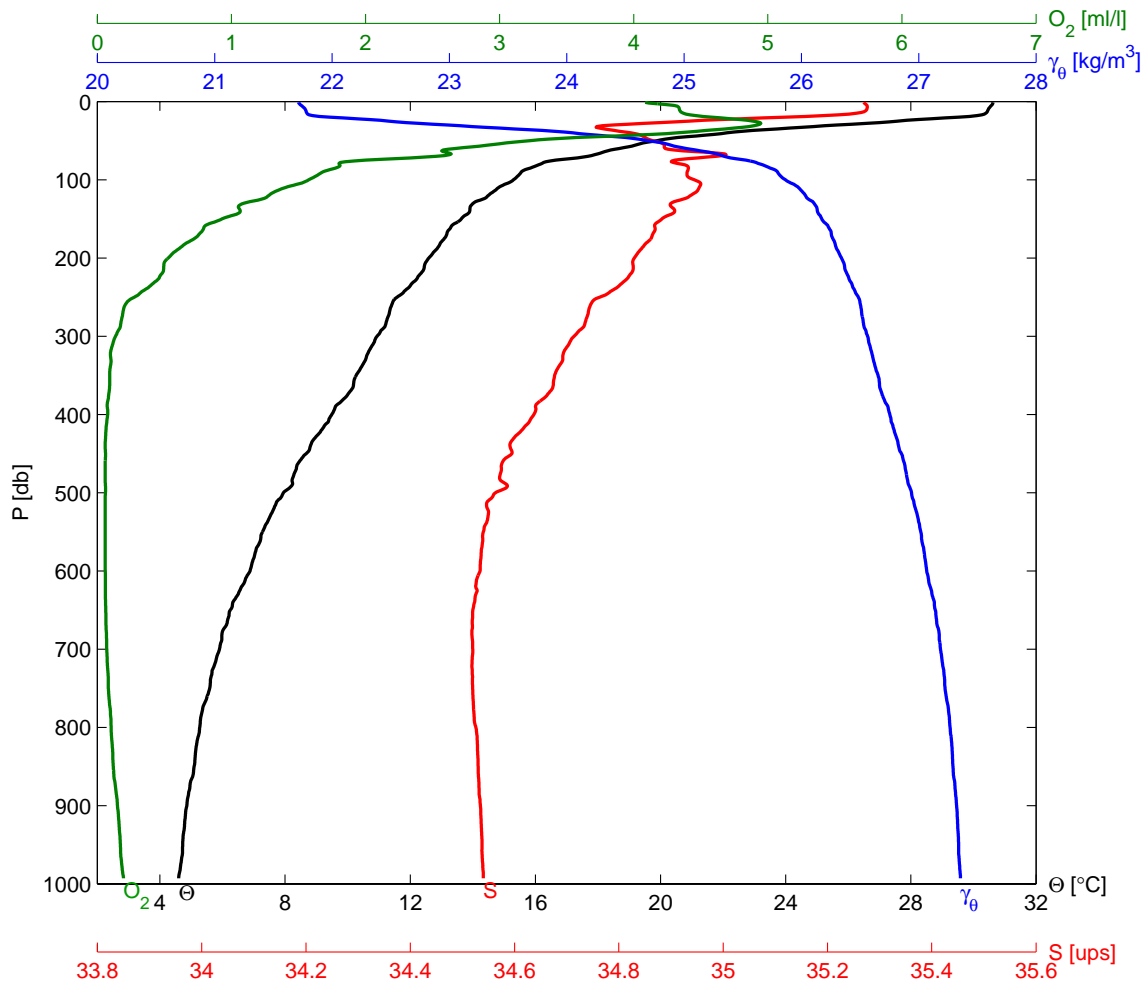
ESTACION	LANCE			LATITUD		LONGITUD		DD	MM	AA	H[UT]
E12	144			25 14.8		109 37.8		16	8	2004	1623
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM			
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]			
2329.0	30.2	35.12	77.0	30.1	3.6	117	9	1014.0			
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>		
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]		
2.0	30.240	35.123	21.738	4.338	160.0	12.828	34.864	26.323	0.686		
5.0	30.234	35.122	21.740	4.345	180.0	12.564	34.843	26.358	0.606		
10.0	30.078	35.098	21.775	4.393	200.0	12.478	34.836	26.370	0.570		
20.0	28.512	34.988	22.220	4.748	300.0	11.223	34.735	26.529	0.191		
30.0	23.523	34.690	23.549	4.638	400.0	9.409	34.627	26.760	0.068		
40.0	21.305	34.685	24.172	3.760	500.0	8.081	34.569	26.924	0.060		
50.0	19.952	34.827	24.644	3.145	600.0	6.798	34.527	27.074	0.059		
60.0	18.188	34.853	25.114	2.260	700.0	6.001	34.522	27.175	0.067		
80.0	16.618	34.919	25.543	1.899	800.0	5.264	34.527	27.269	0.103		
100.0	15.492	34.939	25.817	1.677	900.0	4.726	34.538	27.341	0.171		
120.0	14.665	34.943	26.002	1.439	1000.0	4.427	34.546	27.380	0.234		
140.0	13.575	34.898	26.198	0.919	1007.0	4.387	34.547	27.385	0.243		



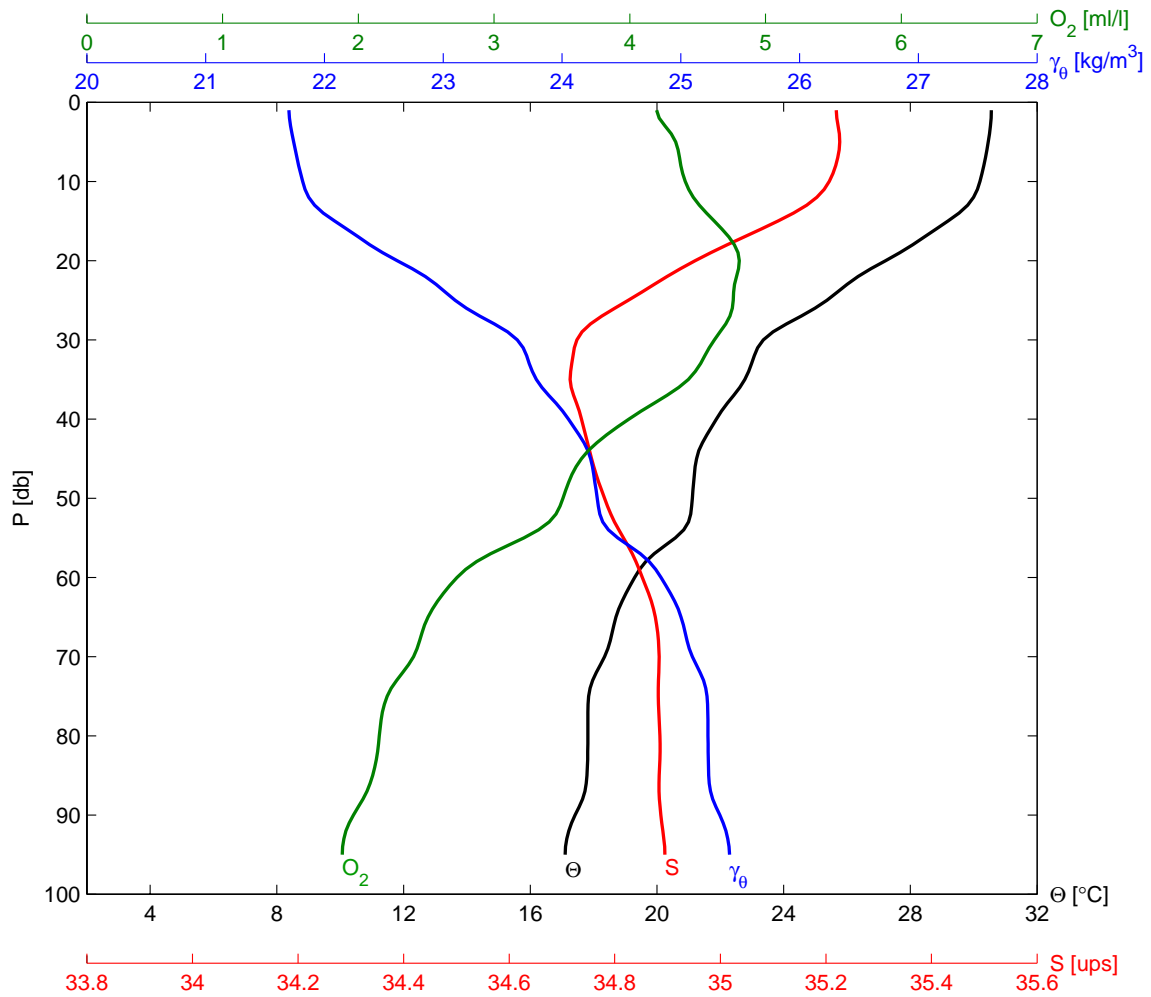
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E13	145	25 18.5	109 32.9	16	8	2004	1751		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2214.0	30.1	35.13	79.0	30.1	2.8	143	9	1014.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.256	35.128	21.737	4.361	160.0	13.326	34.889	26.242	0.838
5.0	30.226	35.128	21.747	4.365	180.0	12.881	34.866	26.313	0.684
10.0	30.188	35.127	21.760	4.364	200.0	12.333	34.827	26.391	0.516
20.0	29.664	35.055	21.884	4.521	300.0	11.153	34.729	26.537	0.168
30.0	24.801	34.807	23.257	4.777	400.0	9.516	34.640	26.753	0.079
40.0	21.524	34.757	24.167	4.004	500.0	7.922	34.560	26.940	0.059
50.0	18.719	34.753	24.905	2.291	600.0	6.750	34.529	27.082	0.060
60.0	17.511	34.827	25.260	1.732	700.0	5.836	34.522	27.196	0.070
80.0	16.031	34.931	25.688	1.766	800.0	5.200	34.529	27.279	0.107
100.0	15.297	34.943	25.863	1.636	900.0	4.797	34.536	27.331	0.161
120.0	14.426	34.936	26.048	1.362	1000.0	4.523	34.543	27.367	0.213
140.0	13.980	34.926	26.135	1.140	1015.0	4.466	34.544	27.374	0.228



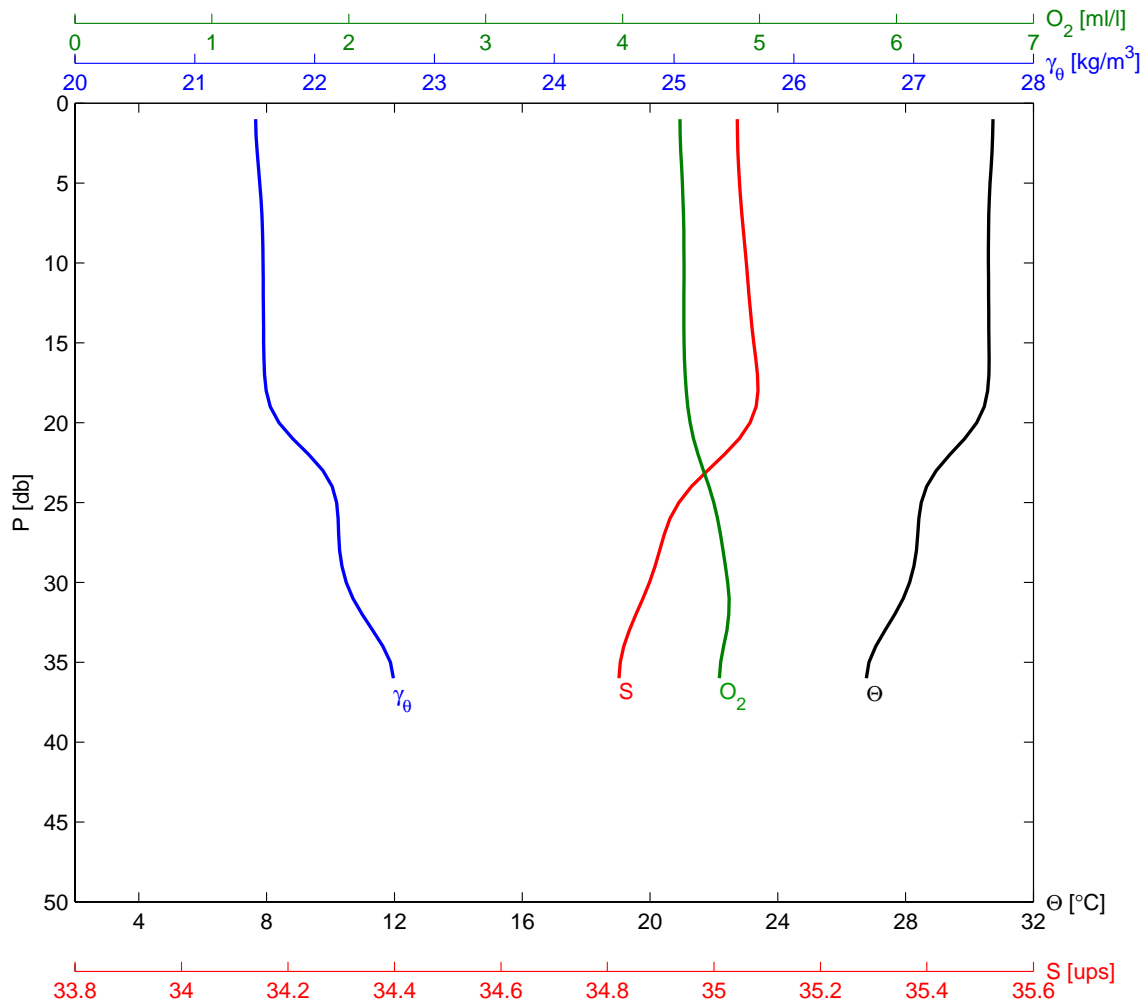
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E14	146	25 22.0	109 28.0	16	8	2004	1927		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1875.0	30.6	35.28	78.8	30.4	2.8	162	9	1014.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.622	35.270	21.717	4.113	140.0	13.903	34.907	26.137	1.067
5.0	30.575	35.276	21.738	4.300	160.0	13.307	34.869	26.230	0.798
10.0	30.474	35.275	21.772	4.340	180.0	12.983	34.854	26.284	0.674
20.0	29.513	35.119	21.983	4.582	200.0	12.592	34.830	26.343	0.529
30.0	25.650	34.787	22.984	4.923	300.0	10.938	34.714	26.565	0.136
40.0	22.129	34.823	24.048	4.330	400.0	9.494	34.637	26.754	0.077
50.0	19.880	34.865	24.692	3.223	500.0	7.947	34.563	26.939	0.061
60.0	18.678	34.888	25.018	2.668	600.0	6.882	34.534	27.068	0.059
80.0	16.162	34.920	25.650	1.804	700.0	5.906	34.520	27.185	0.070
100.0	15.304	34.944	25.863	1.578	800.0	5.273	34.526	27.268	0.103
120.0	14.495	34.938	26.035	1.279	900.0	4.859	34.535	27.323	0.150
993.0	4.602	34.540	27.356	0.195					



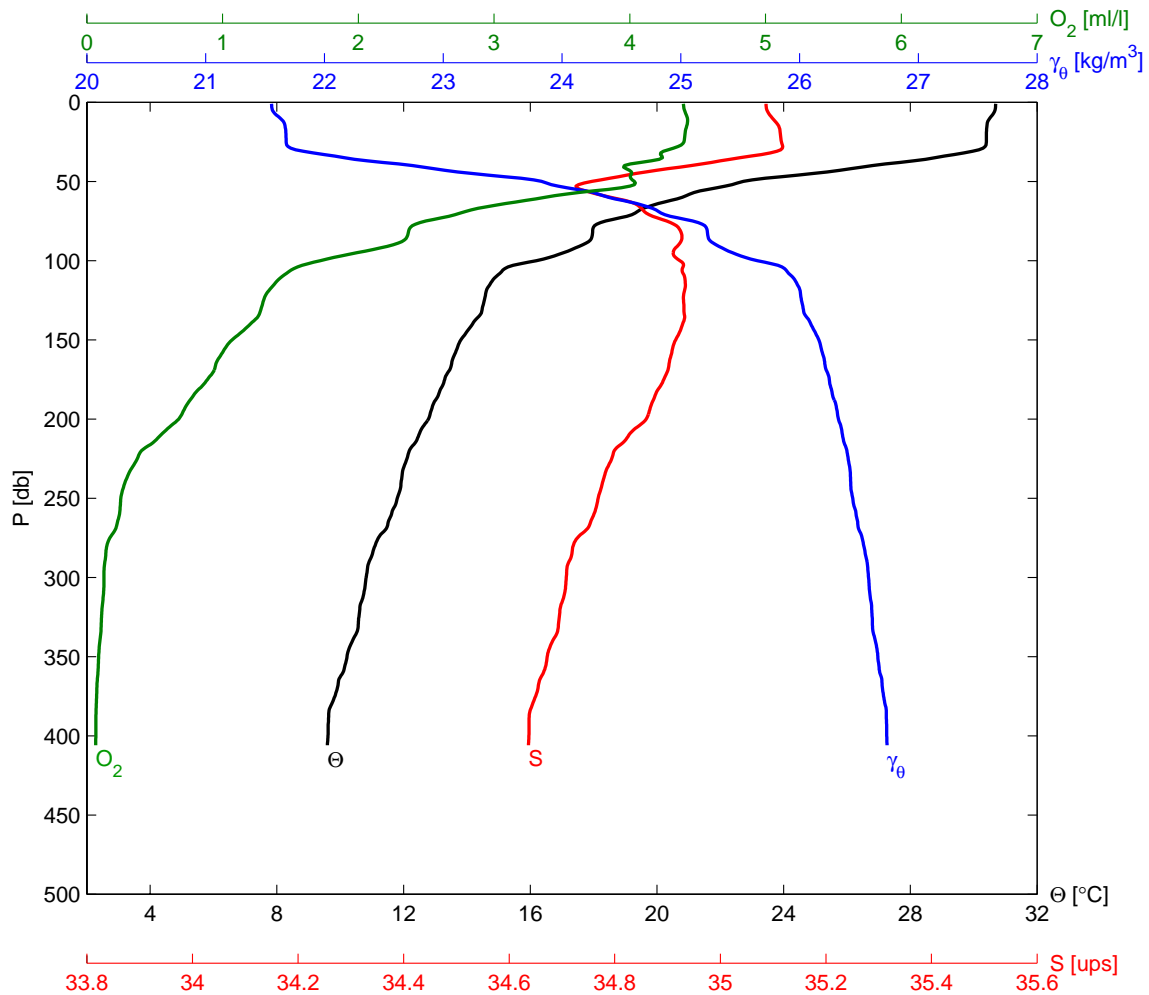
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E15	147	25 25.5	109 23.1	16	8	2004	0021		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
0.0	30.6	35.22	81.4	29.8	2.3	149	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.549	35.220	21.705	4.216	40.0	21.875	34.737	24.055	3.993
5.0	30.458	35.227	21.741	4.338	50.0	21.115	34.781	24.297	3.508
10.0	30.197	35.207	21.817	4.408	60.0	19.294	34.852	24.834	2.727
20.0	27.219	34.952	22.613	4.807	80.0	17.819	34.886	25.230	2.155
30.0	23.357	34.727	23.625	4.623	95.0	17.102	34.895	25.411	1.882



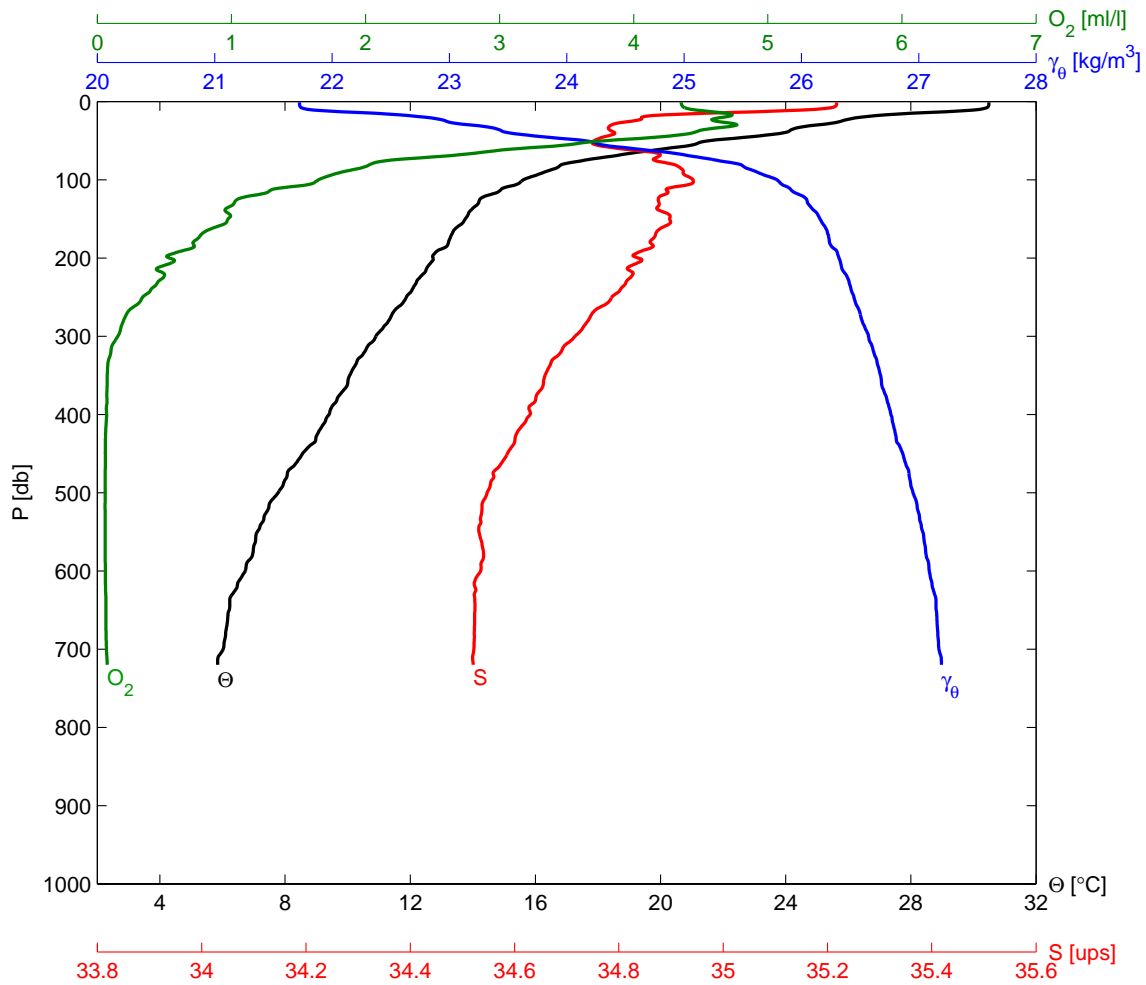
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E16	148	25 29.0	109 18.1	16	8	2004	2213		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
40.0	30.7	35.04	85.2	29.9	2.2	161	9	1012.0	
PR	$\Theta$	SA	$\gamma$	$O_2$	PR	$\Theta$	SA	$\gamma$	$O_2$
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.725	35.044	21.512	4.420	20.0	30.228	35.070	21.703	4.493
5.0	30.645	35.048	21.543	4.436	30.0	28.127	34.880	22.265	4.768
10.0	30.593	35.061	21.571	4.448	36.0	26.770	34.821	22.658	4.707



ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
F13	149	25 42.3	109 35.6	17	8	2004	0001		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1.0	30.7	35.09	86.6	30.0	2.3	186	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.692	35.087	21.556	4.396	100.0	16.194	34.924	25.645	1.719
5.0	30.674	35.088	21.563	4.403	120.0	14.599	34.931	26.007	1.331
10.0	30.509	35.098	21.628	4.424	140.0	14.179	34.929	26.095	1.205
20.0	30.401	35.114	21.676	4.407	160.0	13.594	34.907	26.200	0.985
30.0	30.165	35.115	21.759	4.283	180.0	13.202	34.885	26.264	0.840
40.0	26.798	34.945	22.743	3.960	200.0	12.786	34.860	26.328	0.677
50.0	22.730	34.757	23.828	4.033	300.0	10.818	34.708	26.582	0.127
60.0	20.801	34.792	24.390	3.377	400.0	9.614	34.637	26.734	0.066
80.0	17.977	34.923	25.220	2.377	406.0	9.593	34.637	26.737	0.066

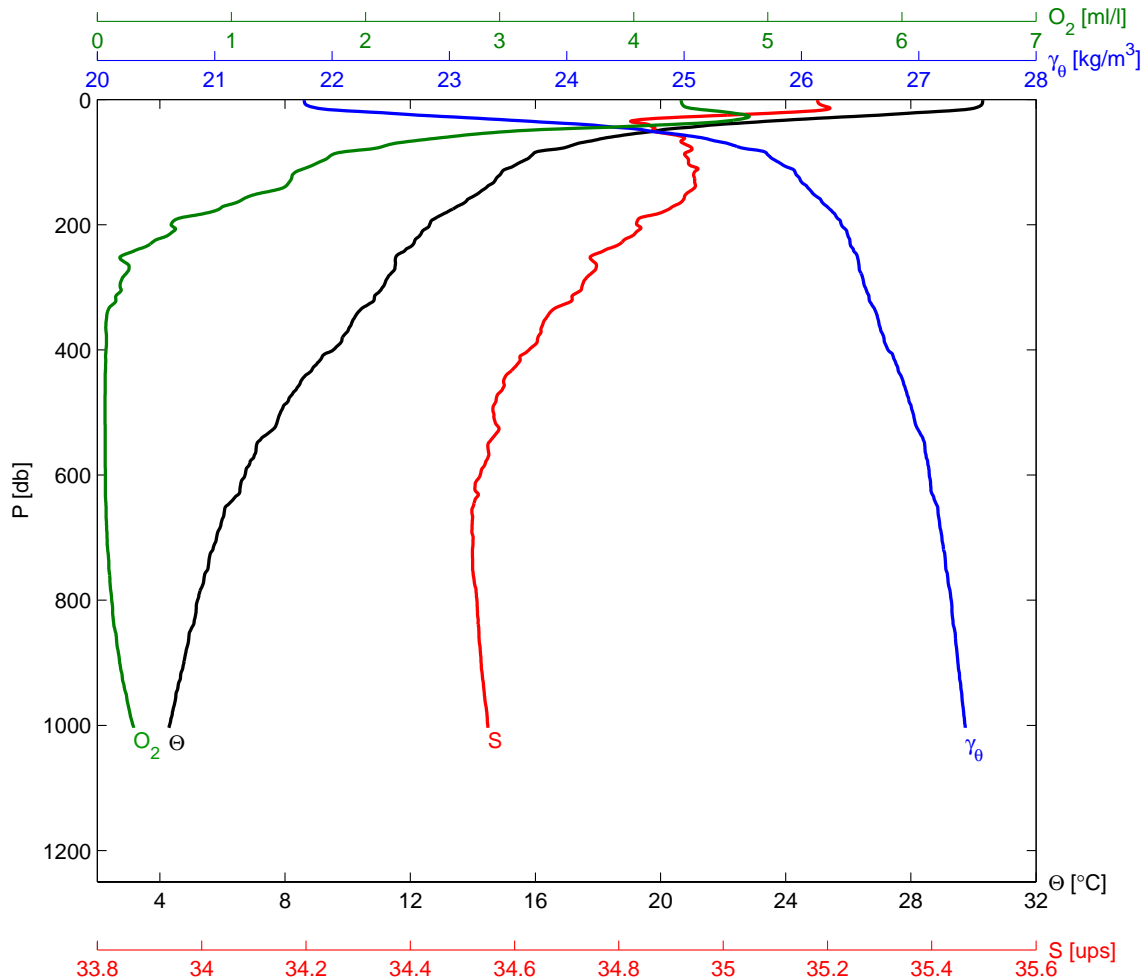


ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
F12	150	25 39.0	109 40.4	17	8	2004	0213		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
739.0	30.5	35.22	86.7	29.7	3.8	143	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.491	35.218	21.723	4.354	120.0	14.460	34.882	25.999	1.160
5.0	30.486	35.217	21.724	4.360	140.0	13.913	34.881	26.114	0.954
10.0	30.203	35.178	21.793	4.428	160.0	13.513	34.886	26.201	0.890
20.0	26.396	34.842	22.792	4.668	180.0	13.222	34.859	26.240	0.714
30.0	24.996	34.785	23.182	4.770	200.0	12.732	34.837	26.321	0.537
40.0	23.936	34.793	23.505	4.442	300.0	10.903	34.716	26.572	0.153
50.0	21.546	34.752	24.157	3.786	400.0	9.406	34.630	26.763	0.070
60.0	20.185	34.799	24.561	3.149	500.0	7.779	34.548	26.951	0.058
80.0	16.885	34.903	25.468	2.039	600.0	6.730	34.535	27.090	0.060
100.0	15.620	34.942	25.790	1.651	700.0	6.022	34.522	27.172	0.068
720.0	5.844	34.521	27.194	0.073					

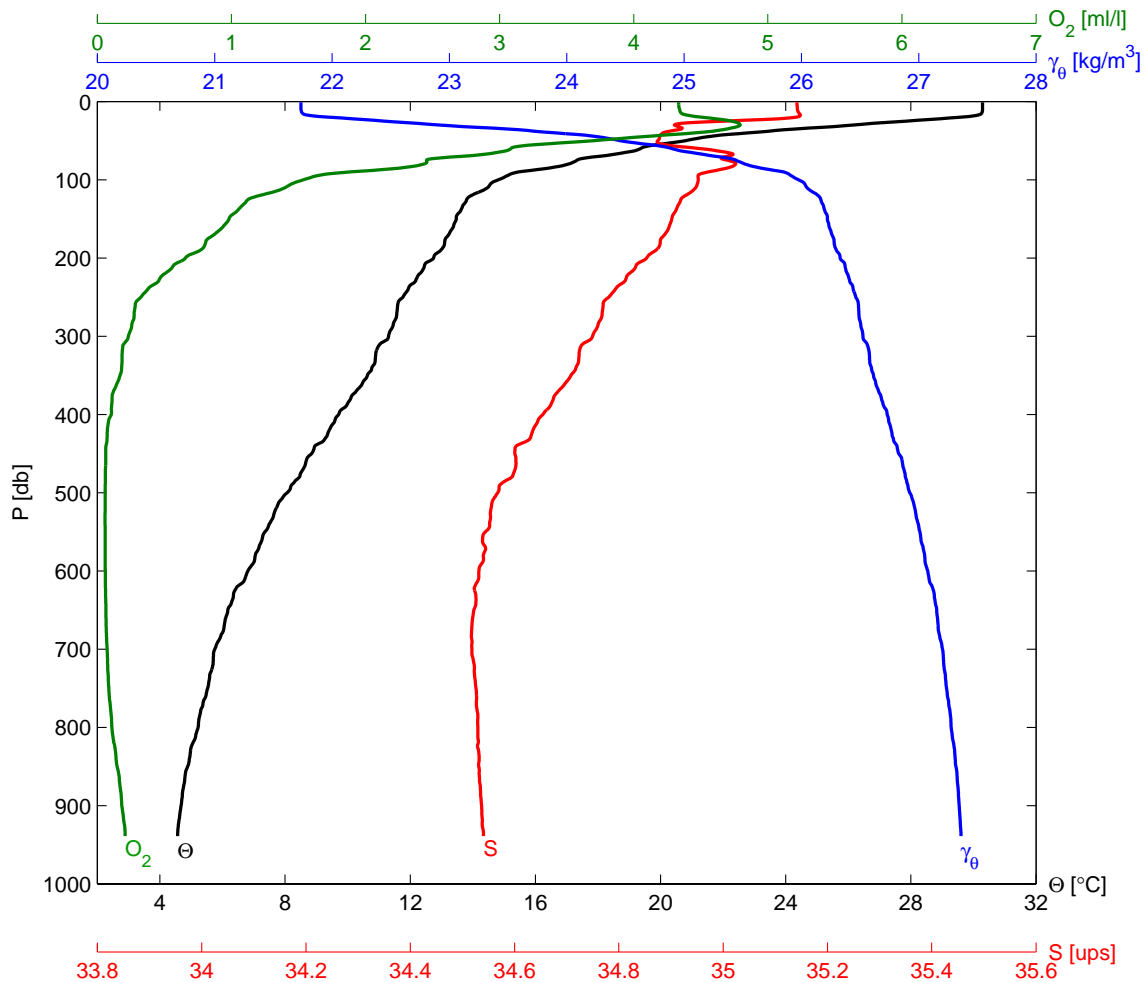




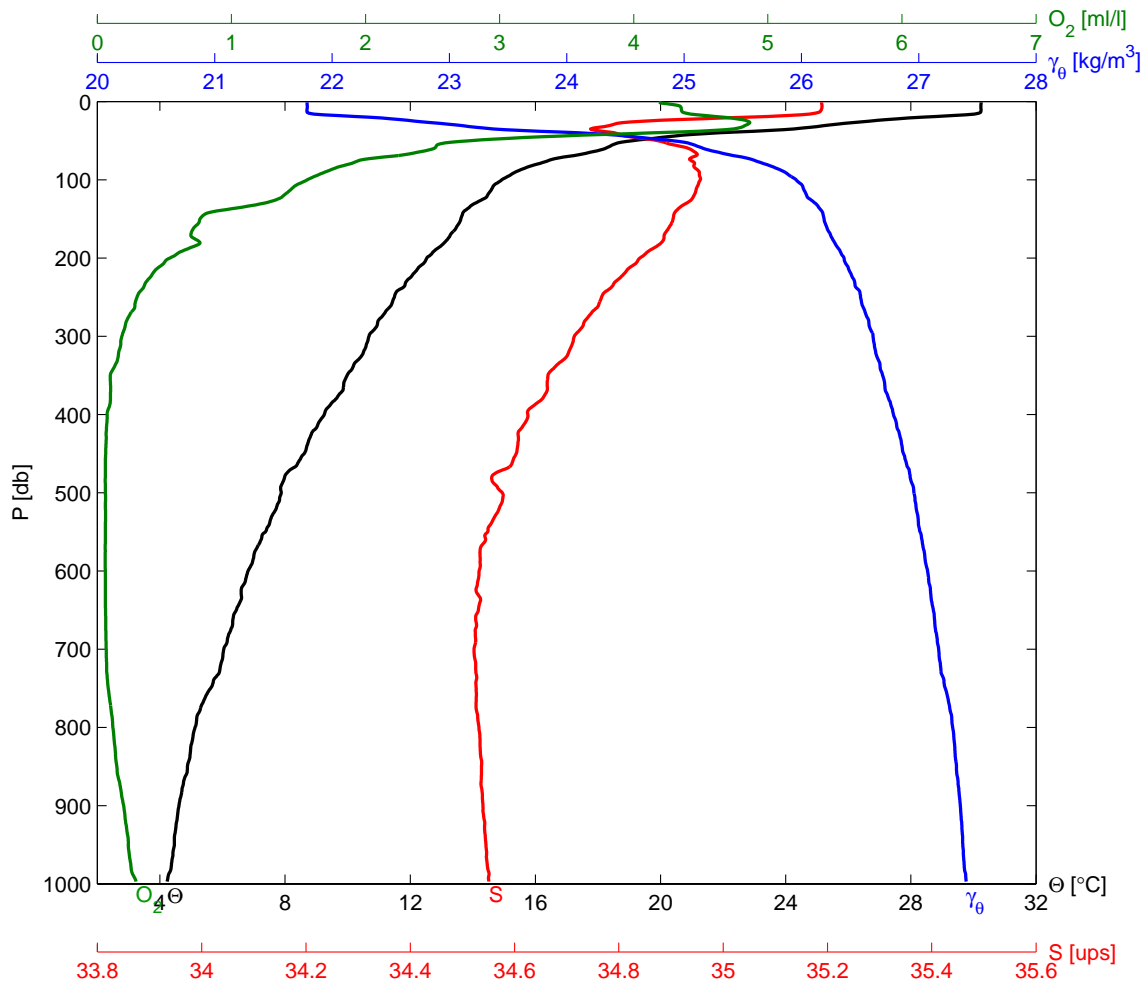
ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
F11	151		25 35.8		109 45.2		17	8	2004	0358
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
1600.0	30.3	35.18	87.0	29.9	4.7	155	9	1013.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.294	35.181	21.764	4.354	160.0	13.828	34.924	26.165	1.080	
5.0	30.291	35.182	21.766	4.356	180.0	13.173	34.883	26.268	0.841	
10.0	30.221	35.192	21.797	4.371	200.0	12.617	34.834	26.341	0.550	
20.0	28.534	35.135	22.323	4.686	300.0	11.119	34.729	26.543	0.171	
30.0	25.010	34.872	23.244	4.828	400.0	9.545	34.628	26.738	0.065	
40.0	21.812	34.858	24.164	4.264	500.0	7.852	34.559	26.950	0.057	
50.0	19.865	34.863	24.694	3.135	600.0	6.719	34.534	27.091	0.060	
60.0	18.412	34.924	25.113	2.610	700.0	5.811	34.521	27.198	0.073	
80.0	16.516	34.941	25.584	1.996	800.0	5.204	34.528	27.277	0.107	
100.0	15.528	34.933	25.804	1.654	900.0	4.767	34.536	27.334	0.167	
120.0	14.876	34.943	25.956	1.457	1000.0	4.305	34.549	27.395	0.266	
140.0	14.447	34.946	26.051	1.396	1004.0	4.291	34.549	27.397	0.271	



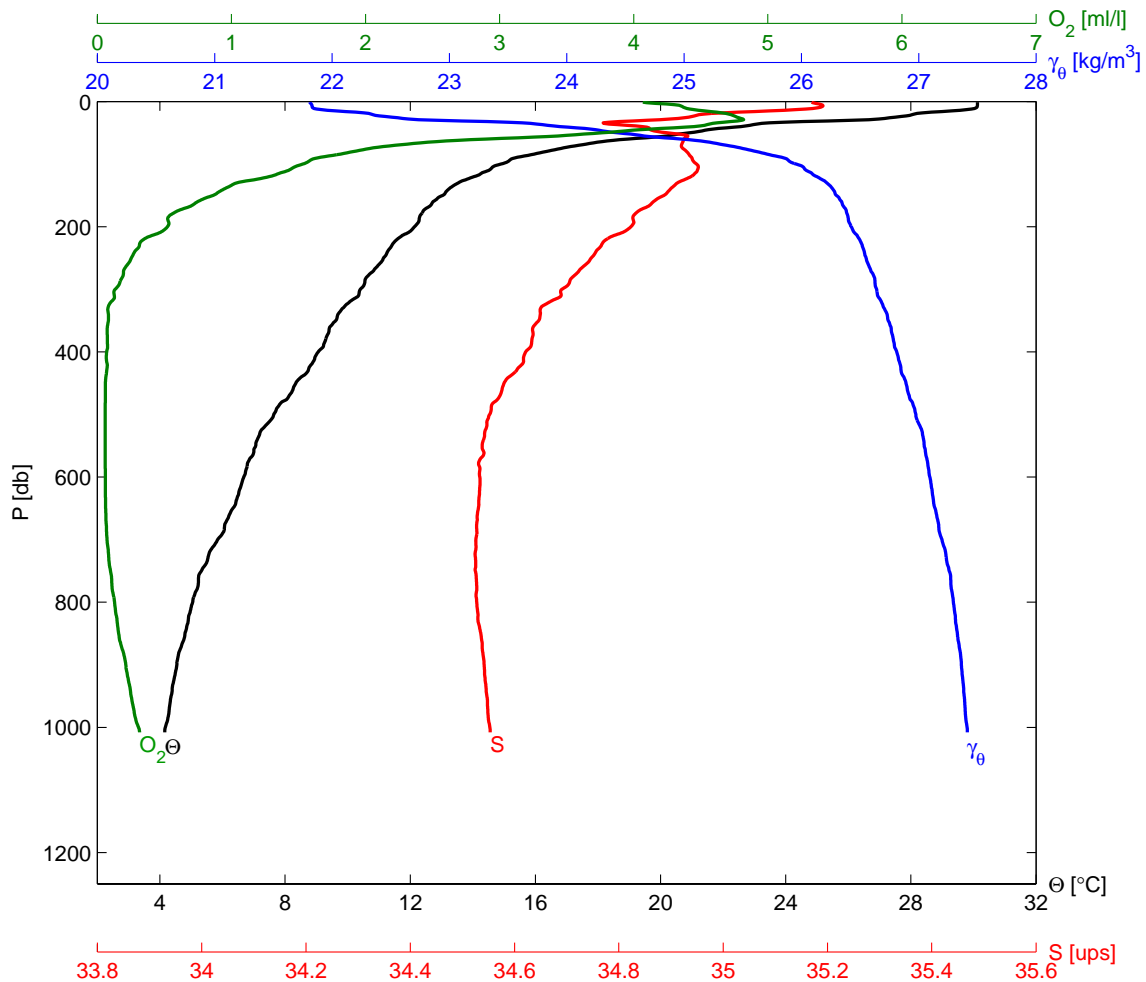
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
F10	152	25 32.6	109 49.7	17	8	2004	0517		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2000.0	30.3	35.14	87.0	29.6	2.9	174	9	1014.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.290	35.141	21.735	4.335	140.0	13.603	34.909	26.200	1.041
5.0	30.292	35.142	21.735	4.336	160.0	13.378	34.896	26.237	0.937
10.0	30.290	35.142	21.736	4.342	180.0	13.102	34.879	26.280	0.808
20.0	29.589	35.142	21.975	4.506	200.0	12.745	34.854	26.331	0.657
30.0	26.173	34.905	22.910	4.794	300.0	11.306	34.750	26.525	0.231
40.0	22.839	34.884	23.894	4.463	400.0	9.712	34.654	26.731	0.104
50.0	20.794	34.874	24.456	3.700	500.0	8.071	34.568	26.924	0.059
60.0	19.362	34.955	24.895	3.084	600.0	6.810	34.532	27.076	0.059
80.0	17.054	35.024	25.521	2.433	700.0	5.754	34.518	27.203	0.073
100.0	14.823	34.952	25.975	1.538	800.0	5.221	34.530	27.277	0.109
120.0	13.958	34.928	26.141	1.212	900.0	4.677	34.537	27.345	0.183
939.0	4.566	34.541	27.360	0.207					



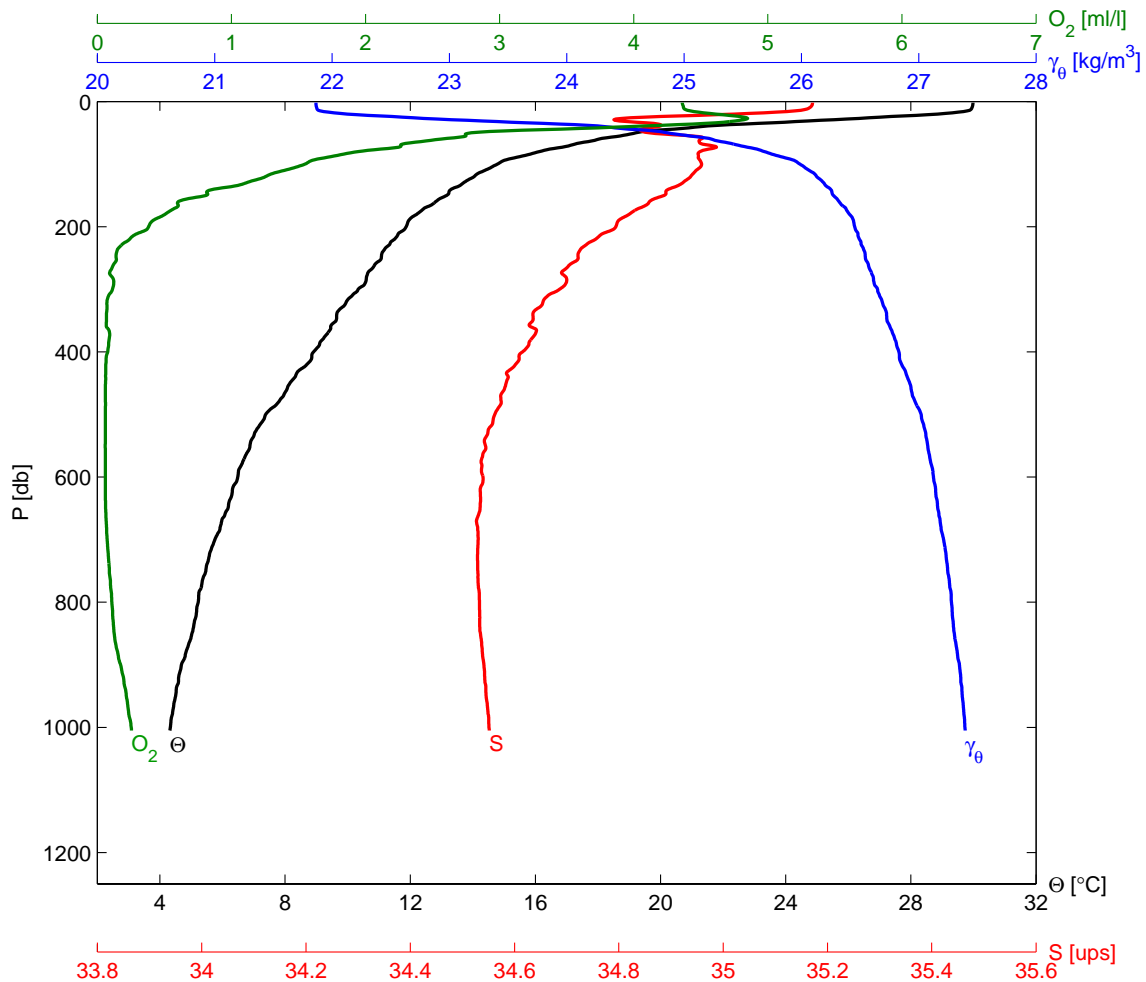
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
F09	153	25 29.0	109 54.4	17	8	2004	0007		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
3.0	30.2	35.19	82.8	29.8	4.3	161	9	1014.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.242	35.189	21.787	4.207	140.0	13.730	34.909	26.174	0.888
5.0	30.239	35.190	21.789	4.330	160.0	13.487	34.897	26.215	0.727
10.0	30.242	35.189	21.787	4.355	180.0	13.101	34.882	26.282	0.765
20.0	28.353	35.047	22.316	4.668	200.0	12.528	34.840	26.364	0.540
30.0	25.398	34.787	23.060	4.839	300.0	10.681	34.715	26.611	0.184
40.0	21.859	34.792	24.101	4.151	400.0	9.253	34.625	26.784	0.074
50.0	19.101	34.875	24.901	2.778	500.0	7.878	34.577	26.960	0.061
60.0	18.230	34.934	25.166	2.510	600.0	6.816	34.532	27.076	0.059
80.0	16.062	34.945	25.692	1.878	700.0	6.041	34.522	27.170	0.066
100.0	14.929	34.956	25.955	1.567	800.0	5.125	34.532	27.290	0.116
120.0	14.467	34.944	26.045	1.390	900.0	4.609	34.539	27.355	0.196
997.0	4.233	34.551	27.404	0.288					



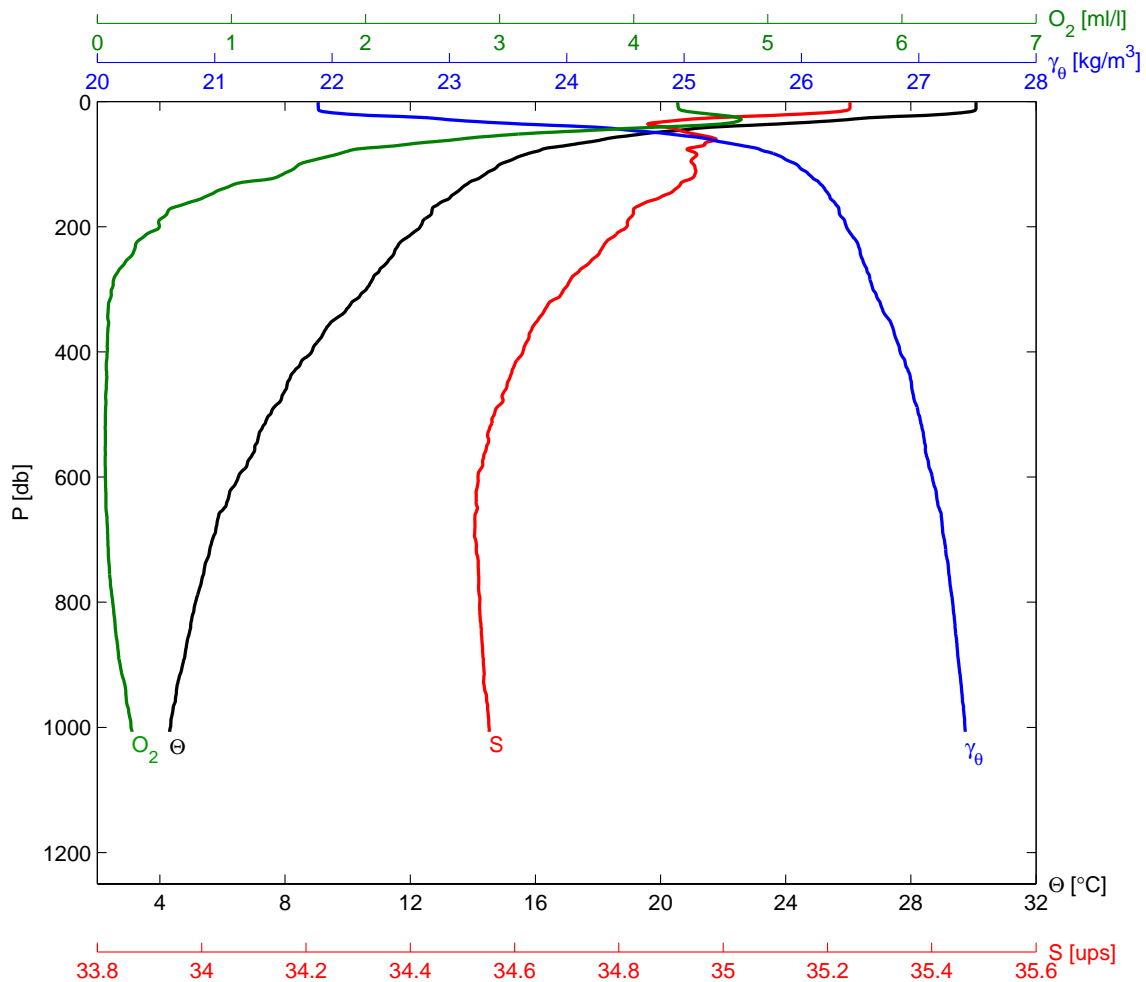
ESTACION F08	LANCE 154	LATITUD 25 25.6	LONGITUD 109 58.9	DD MM 17 8	AA 2004	H[UT] 0839			
PROFTOT [m] 2145.0	TEMSUP [°C] 30.1	SALSUP [ups] 35.20	TEBUHU [°C] 66.3	TEBUSE [°C] 30.1	V-MAG [m/s] 4.3	DIR [AZM] 182	NUBES [1/8] 9	BAROM [bar] 1013.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m <sup>3</sup> ]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m <sup>3</sup> ]	O <sub>2</sub> [ml/l]
2.0	30.128	35.171	21.813	4.096	160.0	12.734	34.866	26.343	0.748
5.0	30.128	35.189	21.827	4.304	180.0	12.350	34.831	26.391	0.554
10.0	30.088	35.182	21.835	4.381	200.0	12.139	34.823	26.426	0.523
20.0	28.104	34.961	22.334	4.709	300.0	10.406	34.691	26.641	0.133
30.0	26.104	34.855	22.893	4.807	400.0	9.061	34.621	26.812	0.070
40.0	22.568	34.846	23.942	4.450	500.0	7.637	34.552	26.976	0.059
50.0	20.926	34.892	24.433	3.765	600.0	6.680	34.533	27.095	0.060
60.0	18.942	34.924	24.979	2.894	700.0	5.844	34.526	27.198	0.073
80.0	16.329	34.930	25.619	1.908	800.0	5.048	34.527	27.295	0.128
100.0	14.893	34.949	25.957	1.531	900.0	4.542	34.542	27.364	0.213
120.0	14.037	34.938	26.132	1.283	1000.0	4.171	34.553	27.413	0.307
140.0	13.231	34.899	26.268	0.943	1008.0	4.157	34.553	27.414	0.315



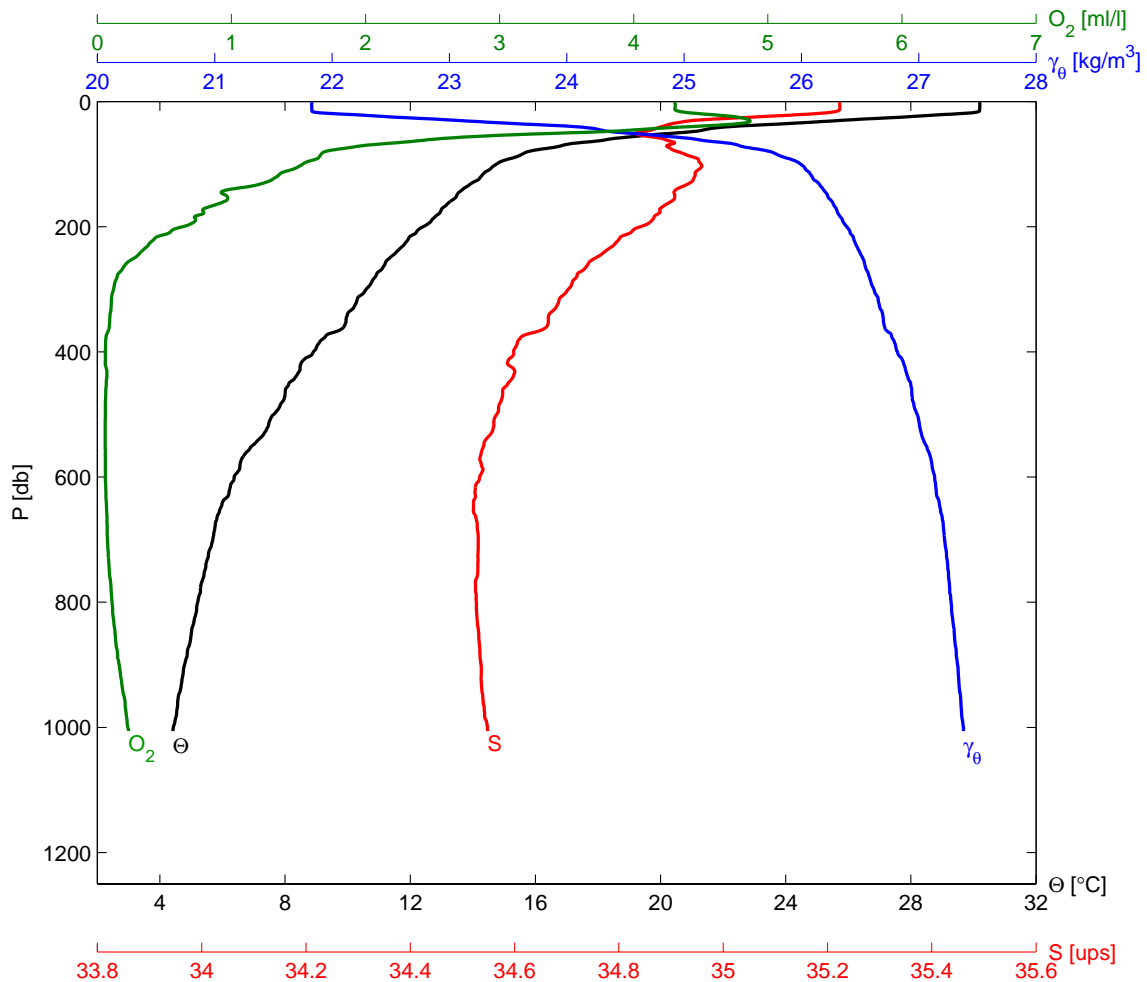
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
F07	155	25 21.9	110 3.7	17	8	2004	1021		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2348.0	30.0	35.17	68.4	30.0	3.8	175	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.981	35.171	21.863	4.362	160.0	12.815	34.859	26.321	0.604
5.0	29.980	35.171	21.864	4.365	180.0	12.210	34.820	26.410	0.506
10.0	29.950	35.166	21.870	4.372	200.0	11.867	34.794	26.455	0.382
20.0	28.857	35.022	22.131	4.612	300.0	10.336	34.686	26.649	0.113
30.0	25.108	34.791	23.152	4.792	400.0	8.911	34.615	26.831	0.077
40.0	21.286	34.876	24.323	3.969	500.0	7.378	34.562	27.021	0.060
50.0	19.216	34.857	24.858	2.788	600.0	6.488	34.540	27.126	0.060
60.0	18.030	34.957	25.233	2.562	700.0	5.756	34.530	27.212	0.073
80.0	16.129	34.955	25.685	1.945	800.0	5.223	34.533	27.279	0.108
100.0	14.786	34.959	25.988	1.548	900.0	4.689	34.541	27.347	0.173
120.0	14.040	34.938	26.131	1.254	1000.0	4.335	34.551	27.394	0.253
140.0	13.319	34.895	26.248	0.871	1005.0	4.320	34.552	27.396	0.255



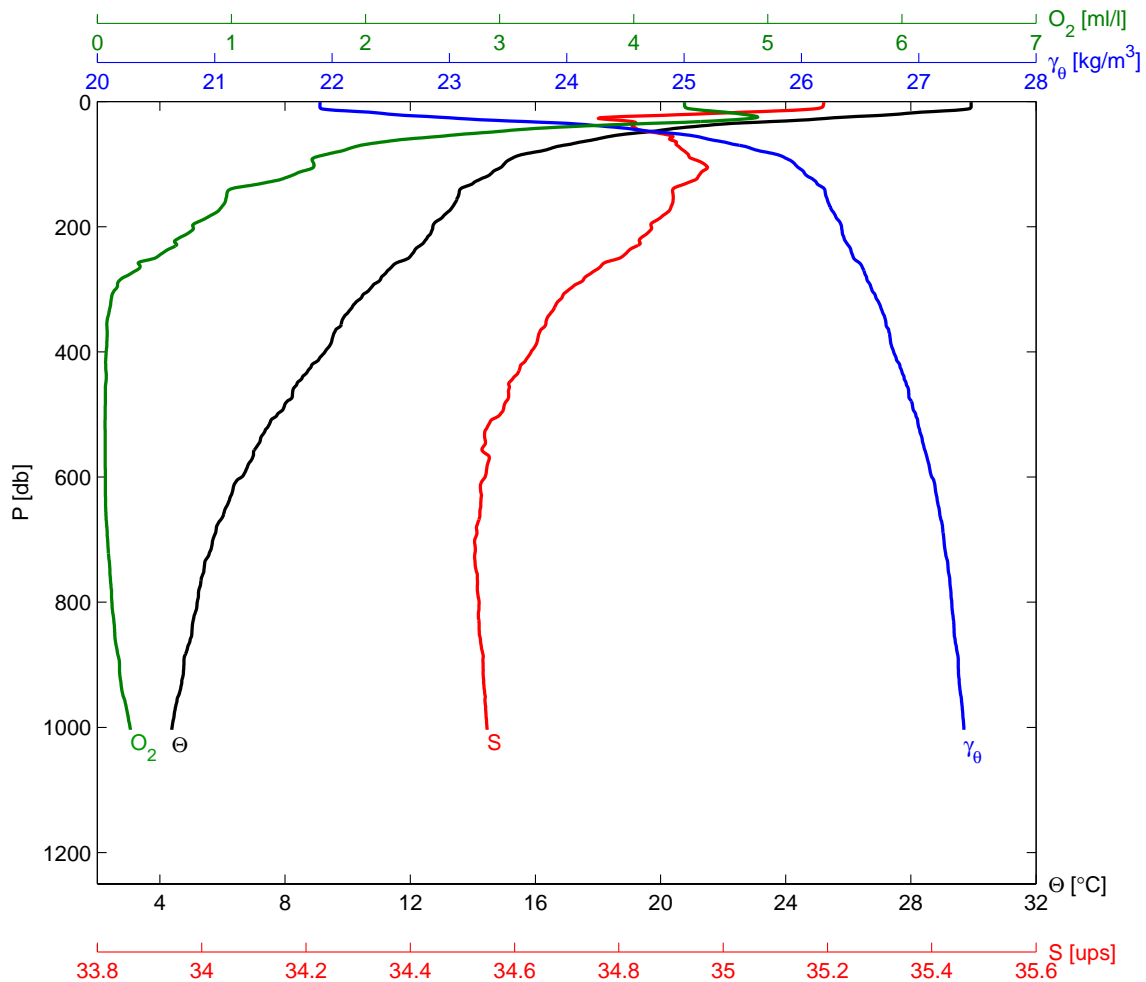
ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
F06	156		25 18.6		110 8.3		17	8	2004	1145
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
2426.0	30.1	35.25	69.2	29.6	1.9	156	9	1013.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.082	35.243	21.883	4.327	160.0	13.020	34.855	26.277	0.704	
5.0	30.084	35.243	21.882	4.329	180.0	12.671	34.828	26.325	0.517	
10.0	30.081	35.243	21.883	4.333	200.0	12.324	34.815	26.384	0.463	
20.0	29.141	35.149	22.131	4.569	300.0	10.598	34.695	26.610	0.107	
30.0	25.700	34.913	23.063	4.794	400.0	8.852	34.616	26.842	0.074	
40.0	21.966	34.881	24.138	4.285	500.0	7.524	34.561	26.999	0.060	
50.0	19.721	34.934	24.786	3.299	600.0	6.508	34.530	27.116	0.060	
60.0	18.224	34.987	25.208	2.706	700.0	5.679	34.525	27.218	0.078	
80.0	16.009	34.941	25.701	1.857	800.0	5.140	34.533	27.289	0.115	
100.0	14.879	34.943	25.955	1.509	900.0	4.727	34.540	27.342	0.170	
120.0	14.275	34.944	26.086	1.346	1000.0	4.337	34.551	27.394	0.252	
140.0	13.605	34.908	26.199	0.928	1007.0	4.313	34.551	27.396	0.258	



ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
F05	157	25 15.1	110 12.8	17	8	2004	1317		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2368.0	30.2	35.22	68.2	29.4	1.9	185	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.199	35.223	21.828	4.307	160.0	13.271	34.900	26.261	0.945
5.0	30.203	35.224	21.827	4.310	180.0	12.898	34.874	26.316	0.780
10.0	30.200	35.224	21.828	4.308	200.0	12.416	34.841	26.386	0.638
20.0	29.322	35.166	22.083	4.528	300.0	10.592	34.703	26.618	0.121
30.0	25.811	34.945	23.052	4.865	400.0	8.908	34.598	26.818	0.060
40.0	22.233	34.883	24.065	4.432	500.0	7.631	34.566	26.987	0.060
50.0	20.565	34.833	24.485	3.526	600.0	6.373	34.533	27.136	0.061
60.0	18.375	34.888	25.094	2.521	700.0	5.691	34.530	27.221	0.075
80.0	15.766	34.913	25.735	1.698	800.0	5.207	34.527	27.276	0.110
100.0	14.755	34.958	25.994	1.531	900.0	4.789	34.536	27.331	0.163
120.0	14.258	34.945	26.091	1.338	1000.0	4.429	34.548	27.381	0.228
140.0	13.686	34.911	26.185	0.999	1006.0	4.417	34.548	27.383	0.233

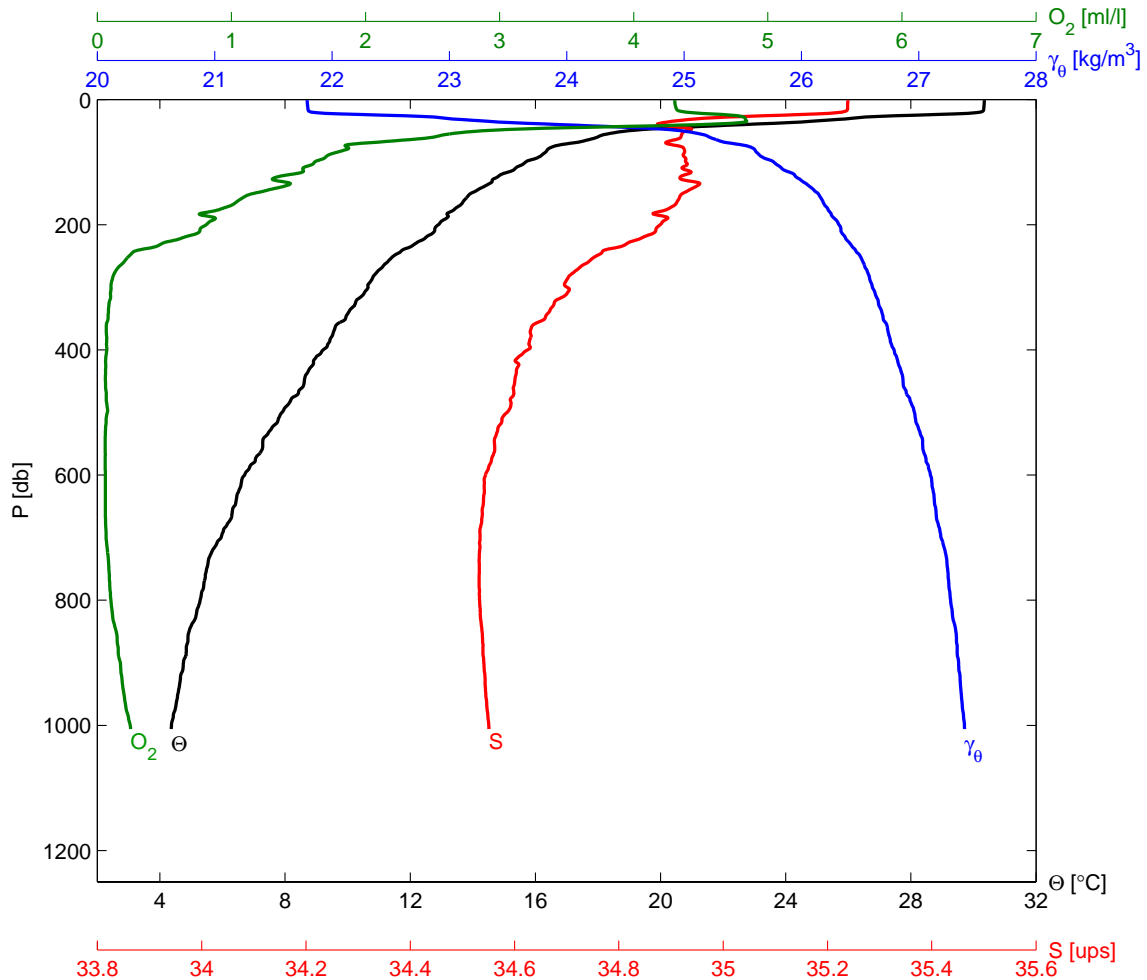


ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
F04	158	25 11.7	110 17.4	17	8	2004	1448		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1875.0	29.9	35.19	69.7	29.2	3.0	178	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.927	35.193	21.898	4.378	160.0	13.459	34.904	26.226	0.954
5.0	29.927	35.192	21.898	4.379	180.0	13.121	34.888	26.283	0.864
10.0	29.916	35.188	21.898	4.389	200.0	12.723	34.862	26.342	0.713
20.0	27.630	34.949	22.479	4.804	300.0	10.707	34.705	26.599	0.135
30.0	24.394	34.803	23.377	4.677	400.0	9.276	34.632	26.786	0.066
40.0	21.064	34.826	24.346	3.536	500.0	7.752	34.572	26.975	0.059
50.0	19.285	34.872	24.852	2.865	600.0	6.616	34.543	27.112	0.060
60.0	17.961	34.896	25.203	2.309	700.0	5.694	34.524	27.215	0.077
80.0	16.079	34.927	25.674	1.800	800.0	5.193	34.532	27.282	0.109
100.0	14.998	34.964	25.946	1.615	900.0	4.766	34.540	27.337	0.165
120.0	14.436	34.952	26.058	1.428	1000.0	4.389	34.547	27.385	0.244
140.0	13.599	34.904	26.197	0.993	1004.0	4.381	34.547	27.386	0.247

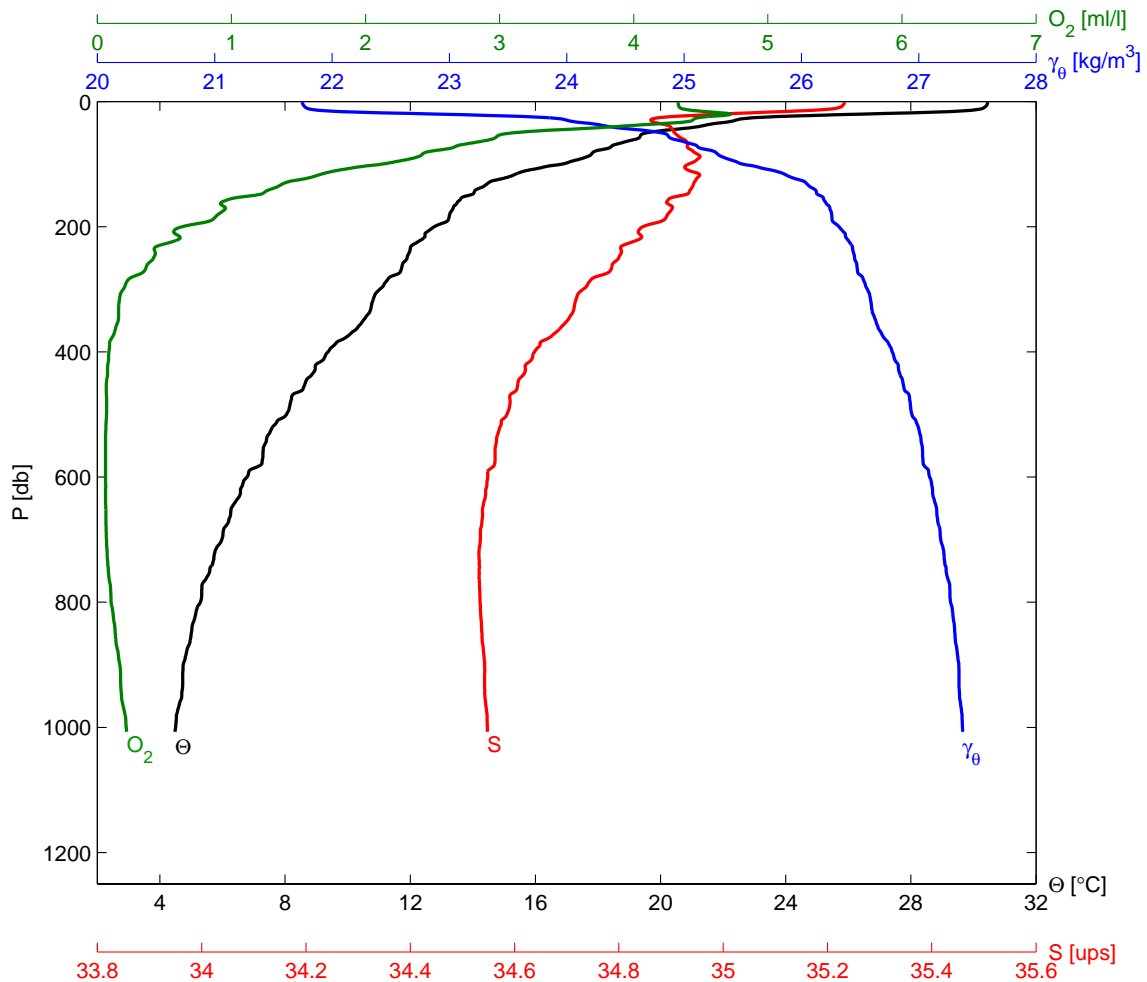




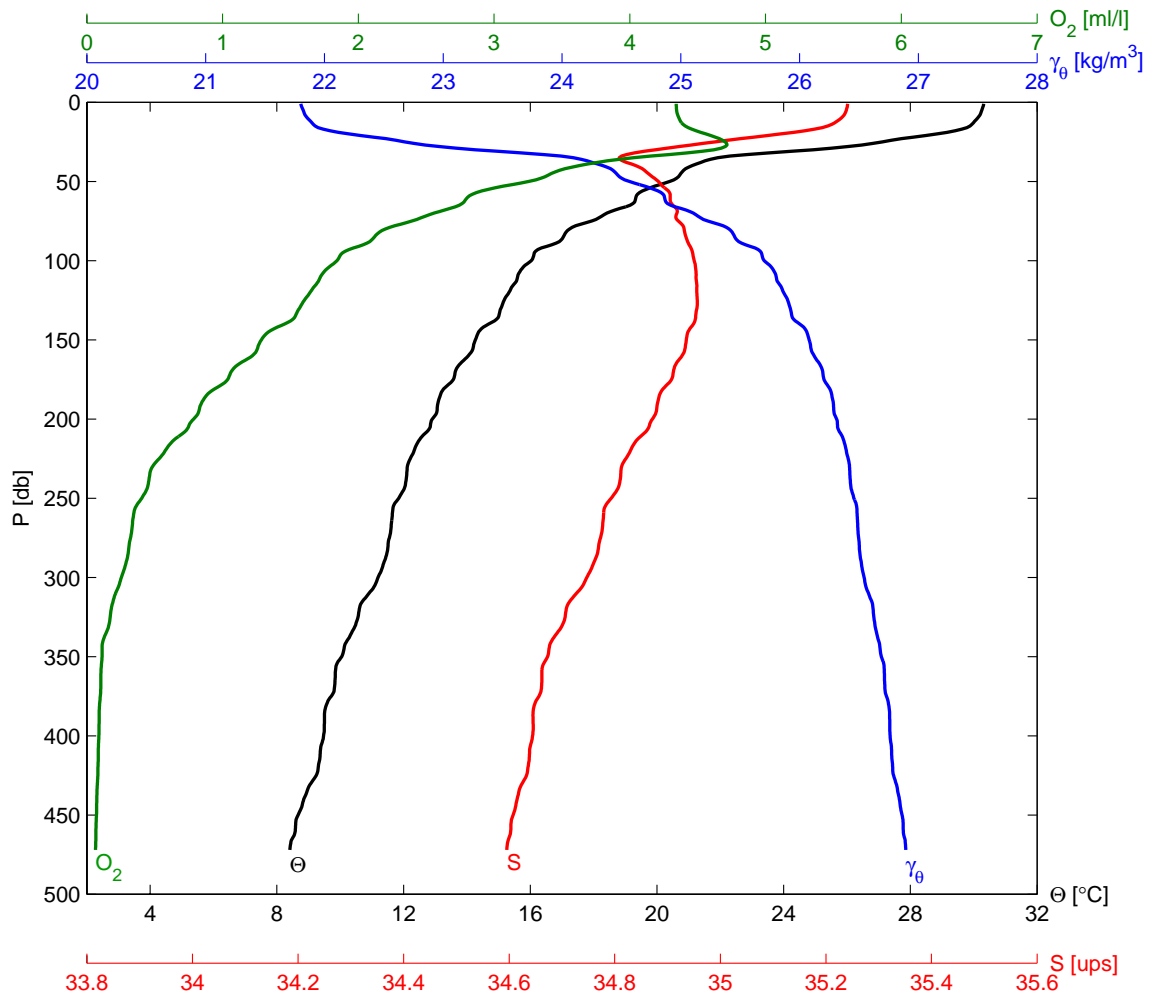
ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
F03	159		25 8.3		110 22.0		17	8	2004	1621
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
1620.0	30.4	35.24	71.5	29.1	3.4	152	9	1014.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.348	35.239	21.789	4.306	160.0	13.742	34.914	26.175	1.062	
5.0	30.345	35.239	21.790	4.307	180.0	13.252	34.873	26.244	0.819	
10.0	30.337	35.239	21.792	4.310	200.0	12.899	34.880	26.320	0.813	
20.0	30.225	35.229	21.823	4.386	300.0	10.652	34.701	26.606	0.102	
30.0	26.120	34.961	22.968	4.831	400.0	9.218	34.625	26.790	0.070	
40.0	22.643	34.872	23.941	4.500	500.0	7.902	34.586	26.963	0.075	
50.0	18.966	34.930	24.978	2.871	600.0	6.705	34.544	27.100	0.060	
60.0	17.986	34.919	25.215	2.509	700.0	5.955	34.534	27.190	0.065	
80.0	16.383	34.925	25.603	1.855	800.0	5.285	34.533	27.272	0.102	
100.0	15.682	34.928	25.766	1.620	900.0	4.751	34.541	27.340	0.172	
120.0	14.893	34.927	25.940	1.432	1000.0	4.369	34.551	27.390	0.245	
140.0	14.321	34.946	26.078	1.368	1006.0	4.363	34.551	27.391	0.248	



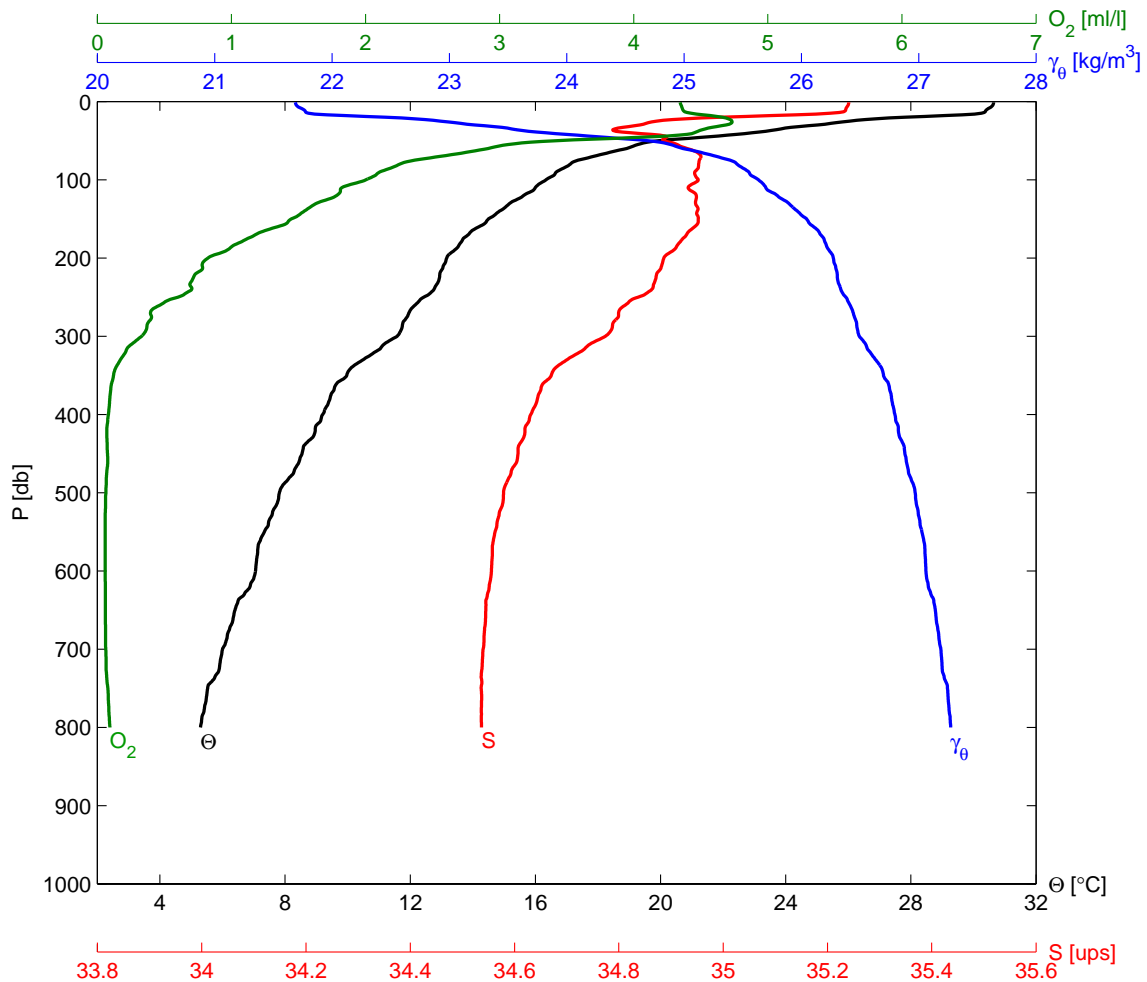
ESTACION F02	LANCE 160			LATITUD 25 4.9		LONGITUD 110 26.7		DD MM	AA	H[UT]
PROFTOT [m]	TEMSUP [°C]	SALSUP [ups]	TEBUHU [°C]	TEBUSE [°C]	V-MAG [m/s]	DIR [AZM]	NUBES [1/8]	BAROM [bar]		
0.0	30.5	35.23	59.0	29.8	2.7	153	9	1014.0		
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	
2.0	30.453	35.233	21.747	4.331	160.0	13.527	34.892	26.203	0.935	
5.0	30.433	35.231	21.753	4.333	180.0	13.263	34.894	26.258	0.903	
10.0	30.333	35.221	21.780	4.345	200.0	12.769	34.846	26.320	0.633	
20.0	26.443	34.997	22.894	4.723	300.0	11.026	34.731	26.562	0.193	
30.0	22.387	34.861	24.005	4.438	400.0	9.375	34.638	26.774	0.086	
40.0	21.219	34.899	24.358	3.870	500.0	8.044	34.585	26.942	0.069	
50.0	19.554	34.907	24.809	3.101	600.0	6.783	34.549	27.093	0.061	
60.0	19.224	34.923	24.906	2.946	700.0	5.977	34.534	27.188	0.068	
80.0	17.875	34.943	25.260	2.471	800.0	5.294	34.534	27.271	0.103	
100.0	16.853	34.933	25.499	2.122	900.0	4.744	34.543	27.342	0.168	
120.0	15.170	34.953	25.899	1.612	1000.0	4.502	34.548	27.373	0.215	
140.0	14.138	34.938	26.111	1.295	1007.0	4.485	34.548	27.375	0.219	



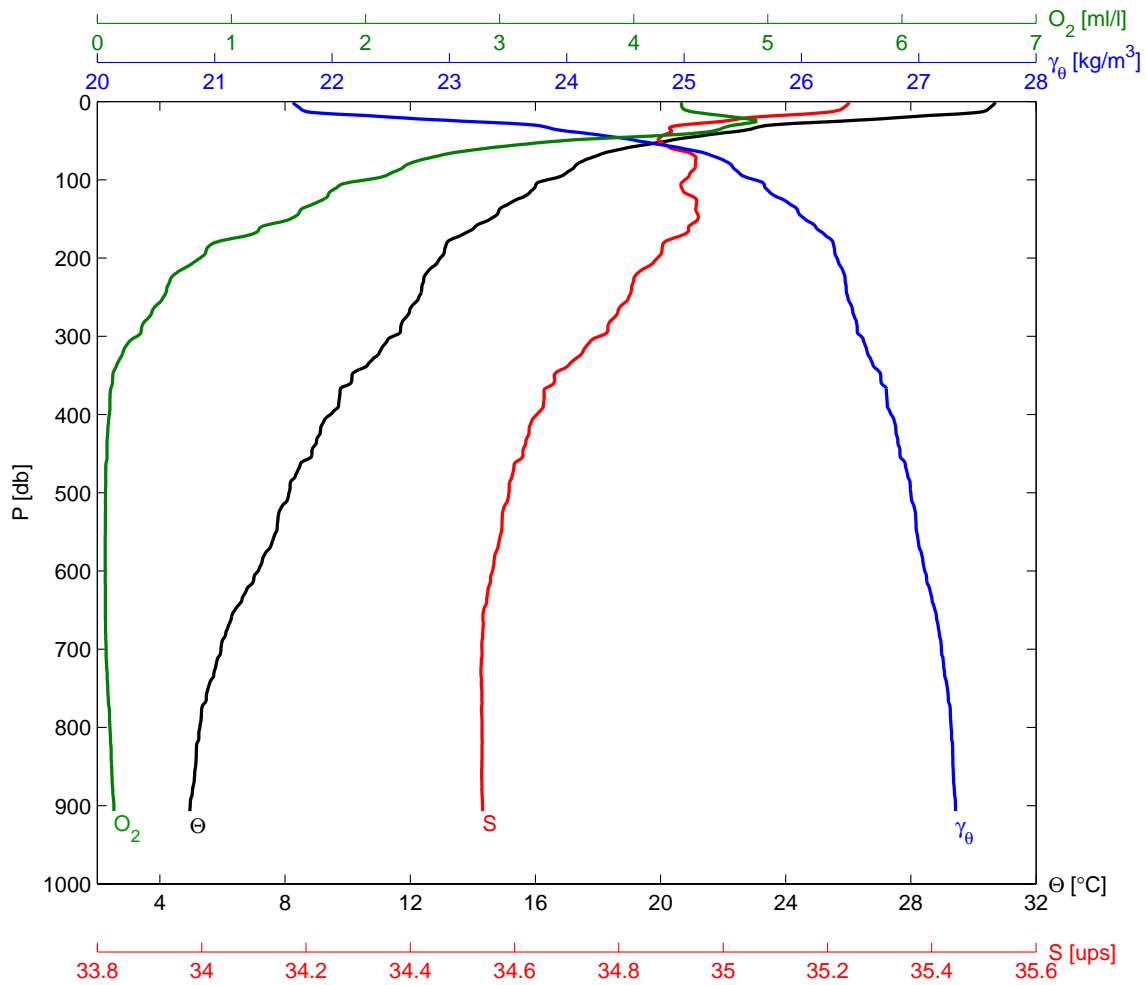
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
F01	161	25	1.6	110	31.7	17	8	2004	1930
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
480.0	30.4	35.24	75.4	29.5	2.4	116	9	1014.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.306	35.241	21.804	4.343	100.0	16.030	34.951	25.704	1.843
5.0	30.253	35.239	21.821	4.344	120.0	15.332	34.955	25.865	1.646
10.0	30.124	35.229	21.858	4.362	140.0	14.691	34.949	26.001	1.457
20.0	28.846	35.115	22.204	4.560	160.0	14.046	34.928	26.122	1.220
30.0	24.924	34.877	23.273	4.619	180.0	13.315	34.894	26.248	0.961
40.0	21.113	34.840	24.343	3.629	200.0	12.905	34.871	26.313	0.786
50.0	20.409	34.883	24.565	3.259	300.0	11.193	34.747	26.544	0.254
60.0	19.334	34.905	24.864	2.805	400.0	9.474	34.644	26.763	0.089
80.0	17.237	34.931	25.406	2.199	472.0	8.410	34.596	26.894	0.065



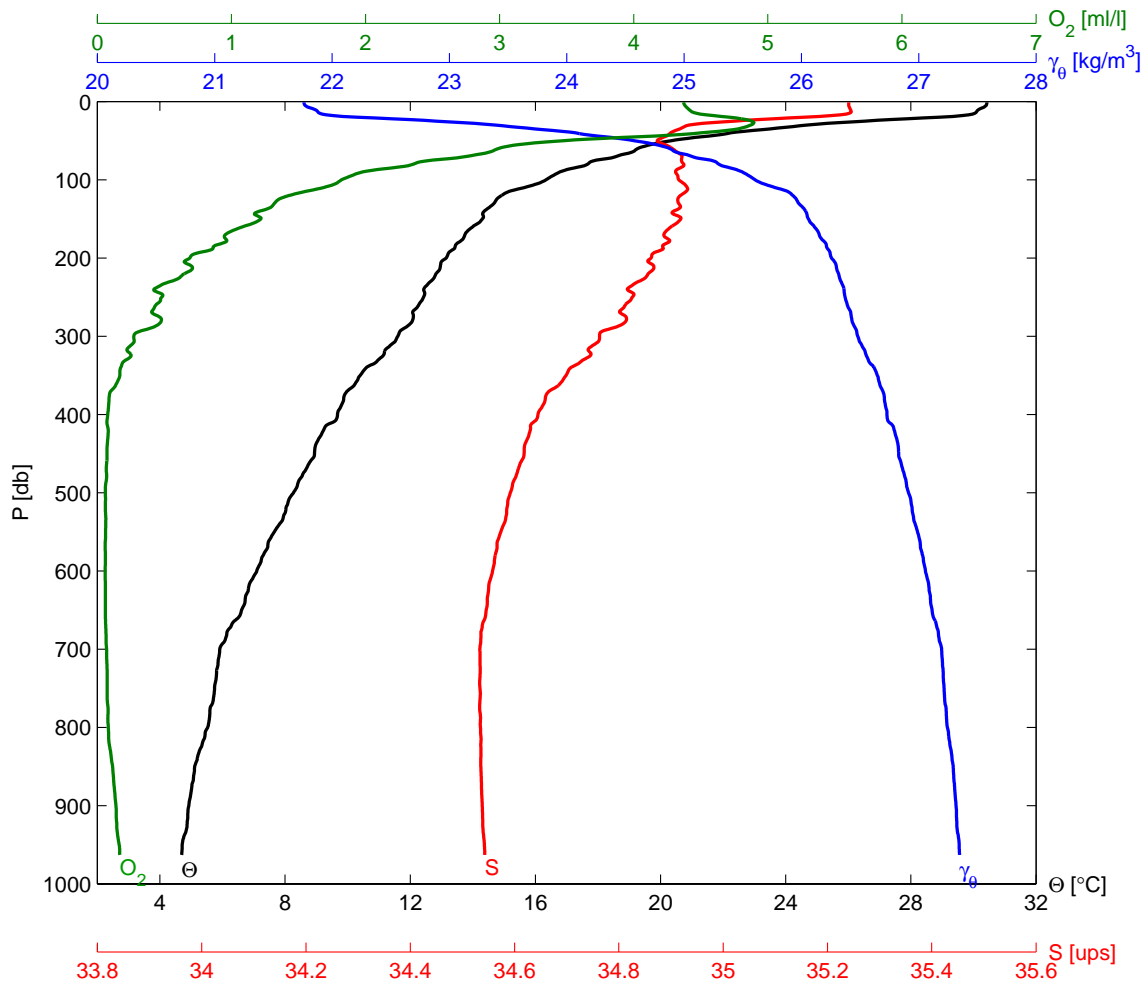
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
G01	162	25 16.0	110 49.6	17	8	2004	2322		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
820.0	30.6	35.24	74.3	30.1	2.6	120	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.642	35.241	21.688	4.347	140.0	14.858	34.951	25.966	1.545
5.0	30.611	35.239	21.698	4.354	160.0	14.199	34.945	26.104	1.344
10.0	30.437	35.235	21.755	4.365	180.0	13.623	34.917	26.202	1.066
20.0	27.827	34.996	22.450	4.659	200.0	13.166	34.886	26.272	0.825
30.0	25.017	34.841	23.217	4.687	300.0	11.578	34.774	26.494	0.330
40.0	22.922	34.822	23.823	4.452	400.0	9.202	34.631	26.797	0.083
50.0	19.934	34.885	24.693	3.421	500.0	7.821	34.579	26.970	0.064
60.0	18.920	34.931	24.990	2.914	600.0	7.056	34.556	27.061	0.059
80.0	17.116	34.953	25.452	2.256	700.0	6.000	34.540	27.189	0.063
100.0	16.344	34.952	25.633	2.005	800.0	5.299	34.537	27.273	0.093
120.0	15.628	34.948	25.793	1.785	800.0	5.299	34.537	27.273	0.093



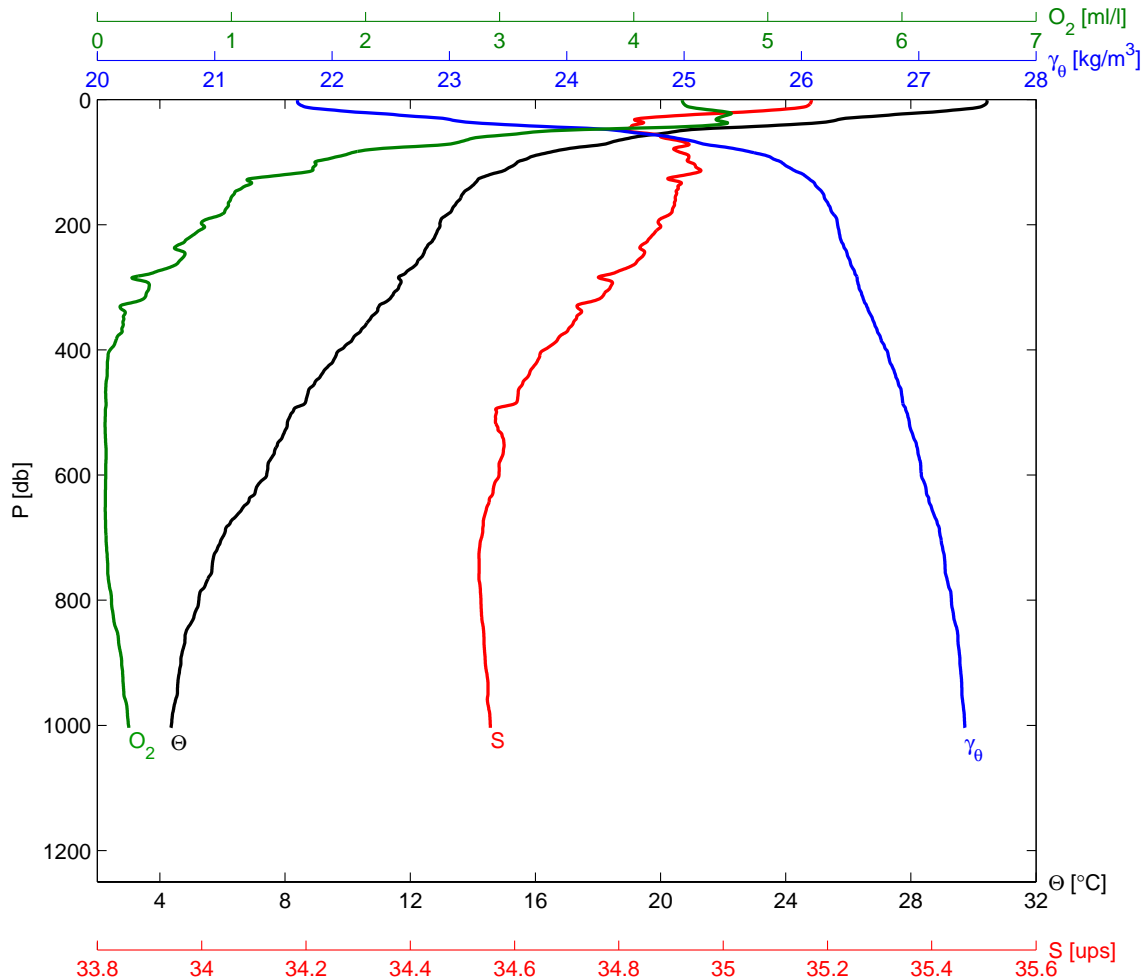
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
G02	163	25 19.6	110 44.6	18	8	2004	0001		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2.0	30.7	35.25	72.3	30.2	0.4	312	9	1010.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.686	35.241	21.673	4.355	140.0	14.828	34.948	25.970	1.510
5.0	30.613	35.237	21.695	4.358	160.0	14.072	34.934	26.121	1.225
10.0	30.466	35.226	21.739	4.375	180.0	13.178	34.887	26.270	0.882
20.0	27.795	35.056	22.506	4.755	200.0	12.961	34.874	26.304	0.767
30.0	23.544	34.919	23.716	4.755	300.0	11.451	34.763	26.509	0.296
40.0	22.038	34.897	24.130	4.489	400.0	9.453	34.643	26.765	0.089
50.0	20.269	34.876	24.597	3.470	500.0	8.128	34.589	26.932	0.062
60.0	18.833	34.901	24.989	2.889	600.0	7.141	34.558	27.051	0.059
80.0	17.330	34.947	25.395	2.317	700.0	5.951	34.537	27.194	0.065
100.0	16.396	34.927	25.601	2.010	800.0	5.276	34.538	27.276	0.094
120.0	15.703	34.937	25.768	1.721	900.0	4.967	34.539	27.313	0.123
907.0	4.960	34.539	27.314	0.123					



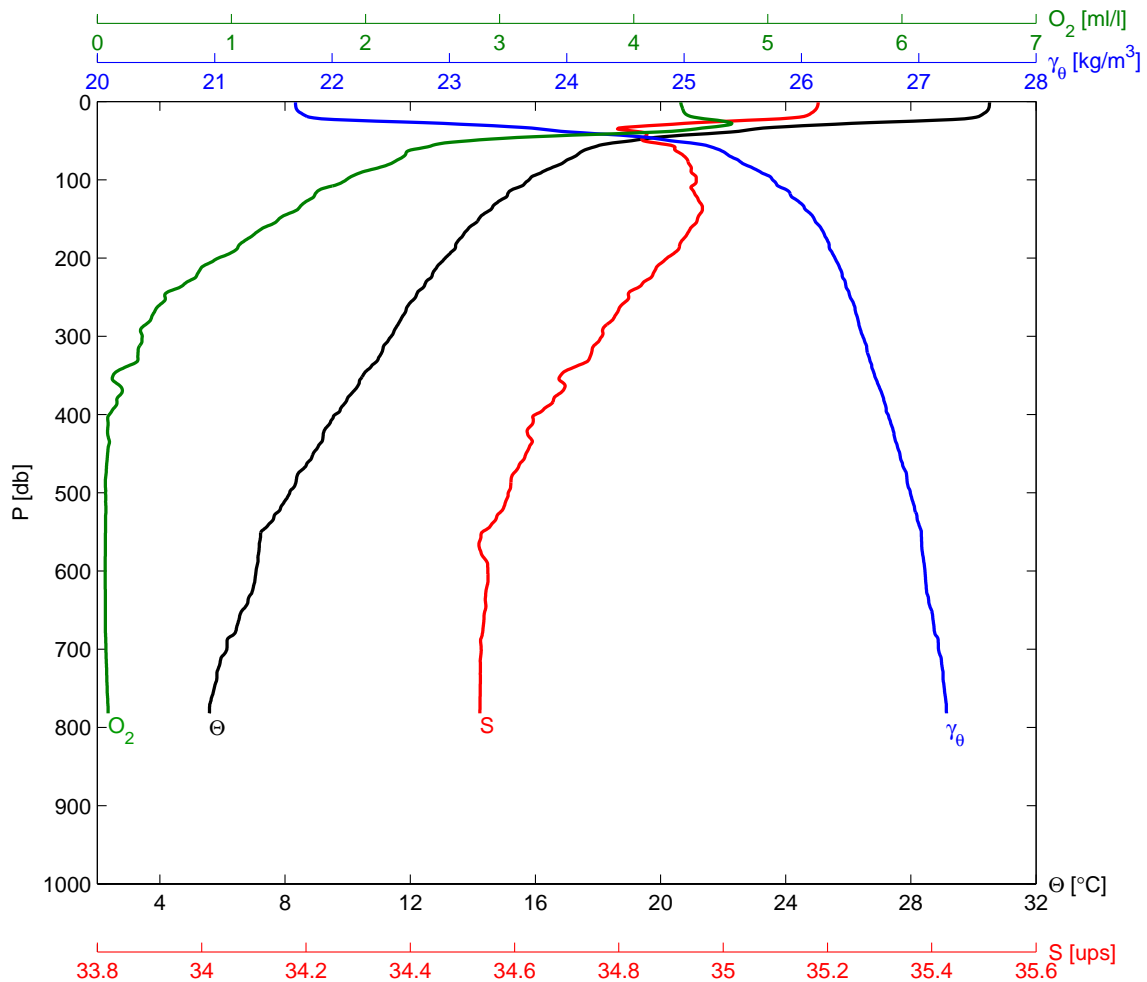
ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
G03	164		25 23.3		110 39.3		18	8	2004	0236
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
984.0	30.4	35.24	77.0	29.7	2.3	200	9	1011.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.428	35.241	21.762	4.373	140.0	14.370	34.905	26.036	1.214	
5.0	30.403	35.241	21.771	4.382	160.0	13.999	34.900	26.111	1.085	
10.0	30.176	35.244	21.851	4.411	180.0	13.548	34.895	26.201	0.952	
20.0	28.925	35.157	22.209	4.712	200.0	13.147	34.862	26.257	0.689	
30.0	24.705	34.934	23.383	4.874	300.0	11.601	34.763	26.481	0.272	
40.0	22.245	34.899	24.074	4.506	400.0	9.677	34.645	26.730	0.078	
50.0	20.343	34.873	24.575	3.475	500.0	8.268	34.592	26.913	0.060	
60.0	19.273	34.902	24.878	2.992	600.0	7.097	34.558	27.057	0.059	
80.0	17.672	34.924	25.296	2.358	700.0	5.914	34.534	27.195	0.069	
100.0	16.343	34.915	25.604	1.823	800.0	5.526	34.535	27.244	0.082	
120.0	14.923	34.918	25.927	1.432	900.0	4.923	34.538	27.318	0.139	
963.0	4.697	34.543	27.348	0.167						



ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
G04	165		25 27.2		110 34.3		18	8	2004	0004
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
9.0	30.4	35.16	76.1	29.7	1.5	176	9	1012.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.437	35.169	21.705	4.362	160.0	13.580	34.909	26.205	0.993	
5.0	30.428	35.168	21.708	4.368	180.0	13.288	34.902	26.259	0.949	
10.0	30.305	35.162	21.746	4.390	200.0	12.950	34.878	26.309	0.784	
20.0	28.687	35.039	22.199	4.695	300.0	11.632	34.784	26.491	0.386	
30.0	25.916	34.842	22.942	4.624	400.0	9.766	34.657	26.724	0.096	
40.0	24.147	34.832	23.472	4.637	500.0	8.227	34.566	26.899	0.060	
50.0	20.613	34.813	24.457	3.385	600.0	7.411	34.570	27.023	0.062	
60.0	19.171	34.880	24.887	2.858	700.0	5.995	34.537	27.187	0.065	
80.0	16.874	34.906	25.473	2.033	800.0	5.245	34.536	27.279	0.106	
100.0	15.425	34.936	25.829	1.623	900.0	4.669	34.544	27.351	0.181	
120.0	14.542	34.931	26.019	1.397	1000.0	4.366	34.554	27.392	0.233	
140.0	13.936	34.913	26.134	1.087	1004.0	4.355	34.554	27.394	0.235	

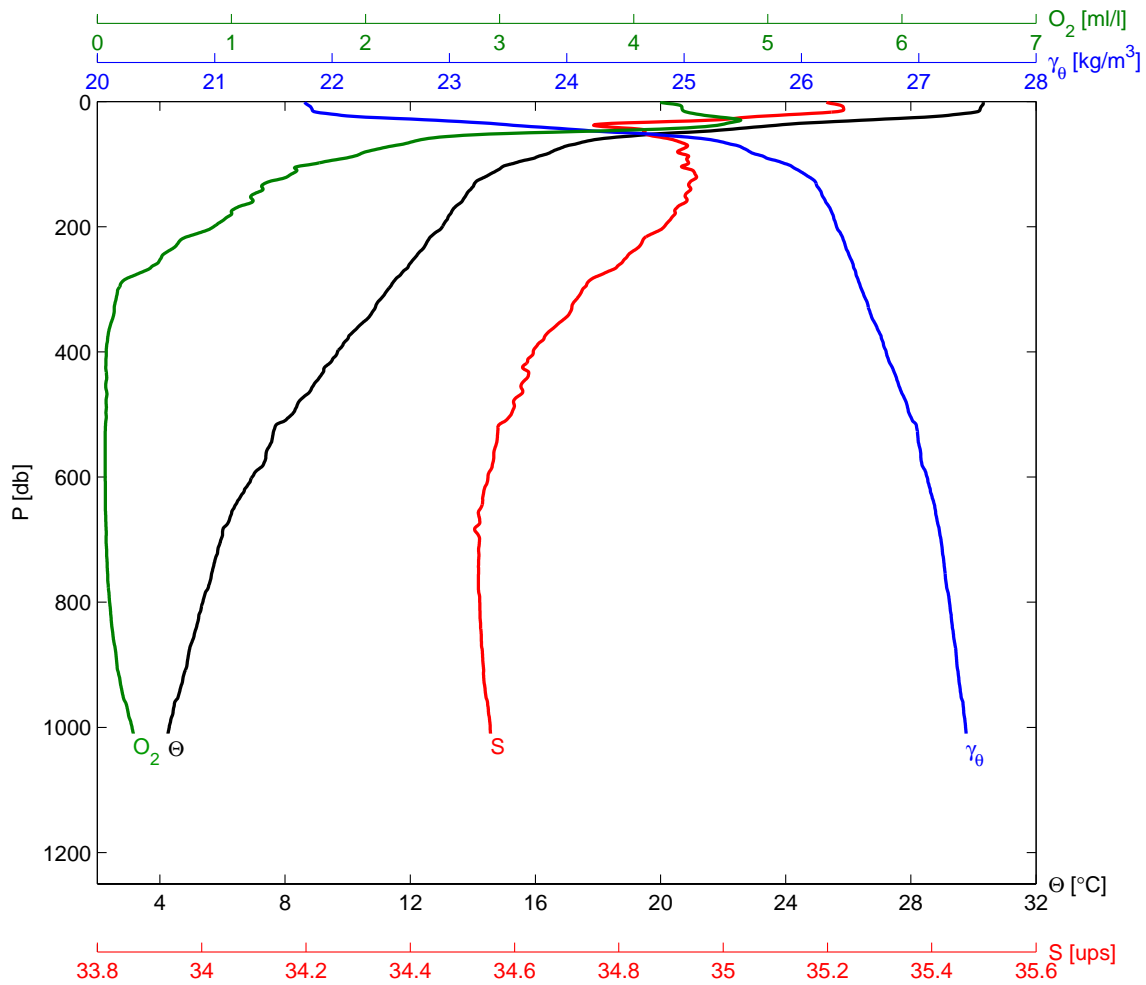


ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
G05	166		25 30.9		110 29.1		18	8	2004	0548
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
775.0	30.5	35.19	83.0	29.7	2.2	183	9	1012.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.513	35.182	21.689	4.351	120.0	15.104	34.947	25.909	1.620	
5.0	30.509	35.182	21.690	4.356	140.0	14.500	34.960	26.050	1.474	
10.0	30.474	35.178	21.699	4.366	160.0	13.913	34.940	26.160	1.257	
20.0	30.090	35.148	21.809	4.449	180.0	13.495	34.919	26.230	1.082	
30.0	25.051	34.881	23.238	4.705	200.0	13.117	34.892	26.286	0.903	
40.0	21.905	34.852	24.133	4.035	300.0	11.394	34.768	26.523	0.335	
50.0	19.082	34.846	24.884	2.777	400.0	9.602	34.640	26.738	0.090	
60.0	17.717	34.907	25.271	2.398	500.0	8.148	34.588	26.928	0.062	
80.0	16.811	34.935	25.510	2.181	600.0	7.073	34.549	27.053	0.059	
100.0	15.799	34.948	25.755	1.858	700.0	6.139	34.536	27.169	0.064	
782.0	5.581	34.533	27.236	0.081						

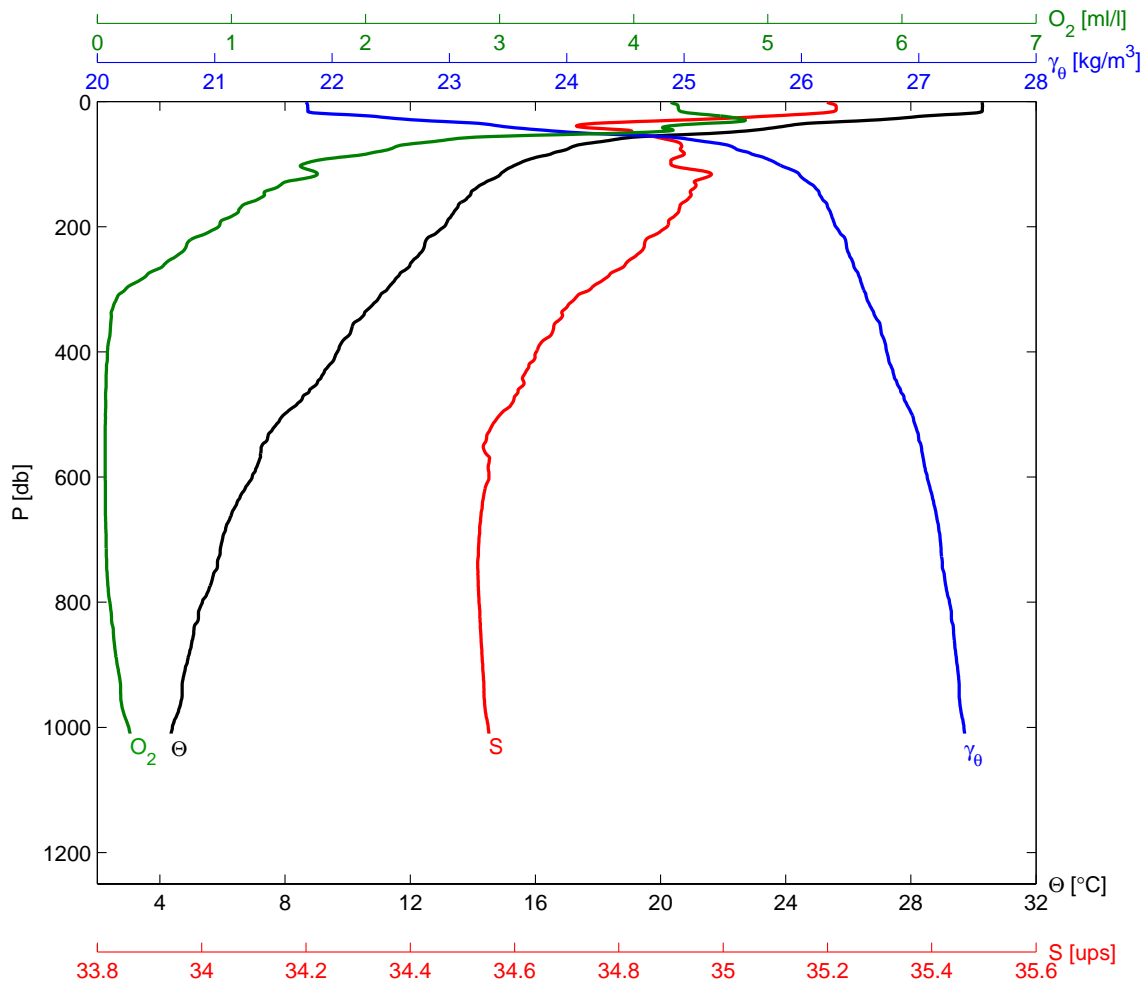




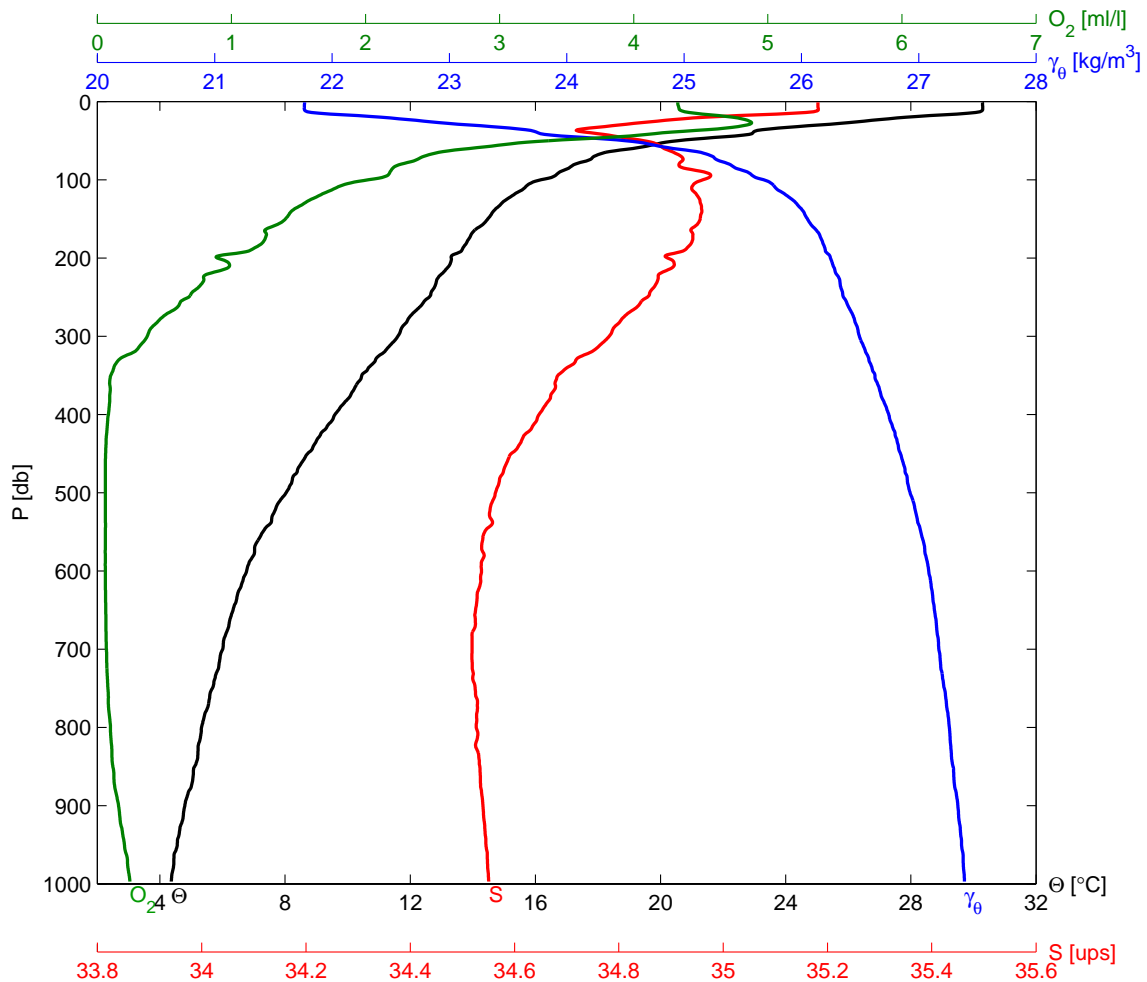
ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
G06	167		25 34.5		110 24.2		18	8	2004	0719
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
1865.0	30.3	35.22	75.2	30.1	2.4	176	9	1013.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.315	35.199	21.770	4.213	160.0	13.650	34.930	26.206	1.159	
5.0	30.302	35.221	21.790	4.326	180.0	13.277	34.908	26.266	1.001	
10.0	30.228	35.231	21.824	4.360	200.0	13.028	34.887	26.300	0.868	
20.0	29.539	35.148	21.996	4.469	300.0	11.294	34.731	26.513	0.154	
30.0	26.403	34.973	22.889	4.799	400.0	9.676	34.636	26.723	0.067	
40.0	23.217	34.768	23.696	4.532	500.0	8.216	34.593	26.922	0.066	
50.0	20.484	34.848	24.518	3.219	600.0	6.946	34.549	27.071	0.059	
60.0	18.028	34.899	25.189	2.440	700.0	5.952	34.533	27.190	0.065	
80.0	16.532	34.912	25.558	2.008	800.0	5.371	34.533	27.262	0.092	
100.0	15.205	34.932	25.875	1.606	900.0	4.867	34.540	27.326	0.146	
120.0	14.410	34.949	26.061	1.418	1000.0	4.298	34.553	27.399	0.259	
140.0	13.939	34.938	26.153	1.237	1010.0	4.259	34.554	27.404	0.268	



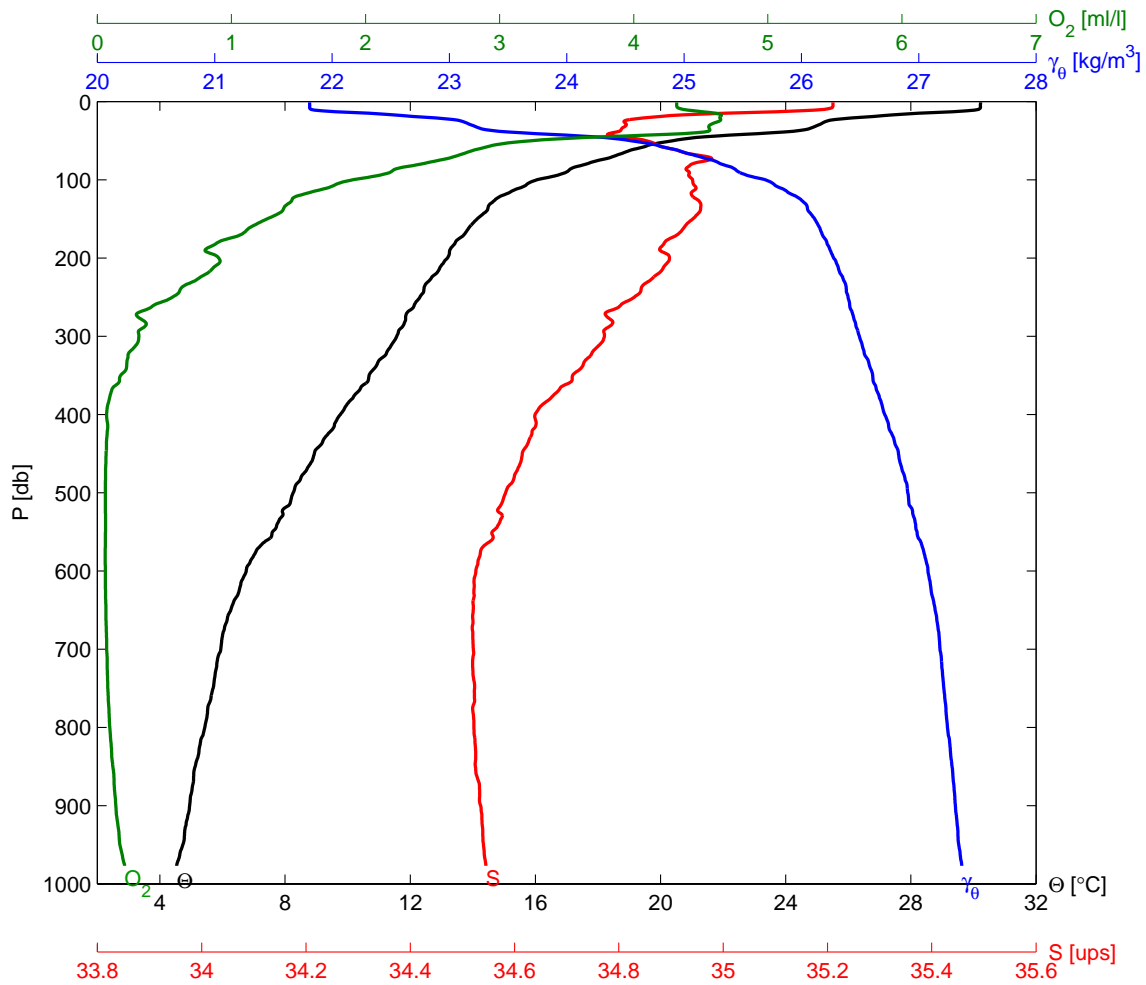
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
G07	168	25 38.1	110 19.2	18	8	2004	0854		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2025.0	30.3	35.22	73.4	30.0	1.3	152	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.280	35.200	21.783	4.282	160.0	13.669	34.926	26.200	1.154
5.0	30.286	35.214	21.791	4.323	180.0	13.349	34.911	26.254	1.030
10.0	30.286	35.217	21.793	4.332	200.0	13.085	34.893	26.293	0.904
20.0	29.508	35.159	22.015	4.496	300.0	11.267	34.745	26.529	0.210
30.0	26.665	34.906	22.756	4.834	400.0	9.674	34.642	26.728	0.075
40.0	23.889	34.719	23.463	4.234	500.0	7.968	34.573	26.943	0.061
50.0	21.931	34.821	24.103	3.976	600.0	6.949	34.551	27.072	0.059
60.0	18.632	34.889	25.031	2.649	700.0	5.998	34.532	27.183	0.065
80.0	16.724	34.922	25.521	2.096	800.0	5.357	34.532	27.262	0.093
100.0	15.422	34.900	25.802	1.534	900.0	4.848	34.539	27.327	0.148
120.0	14.792	34.971	25.996	1.607	1000.0	4.399	34.549	27.386	0.234
140.0	14.067	34.942	26.129	1.305	1010.0	4.358	34.551	27.391	0.244



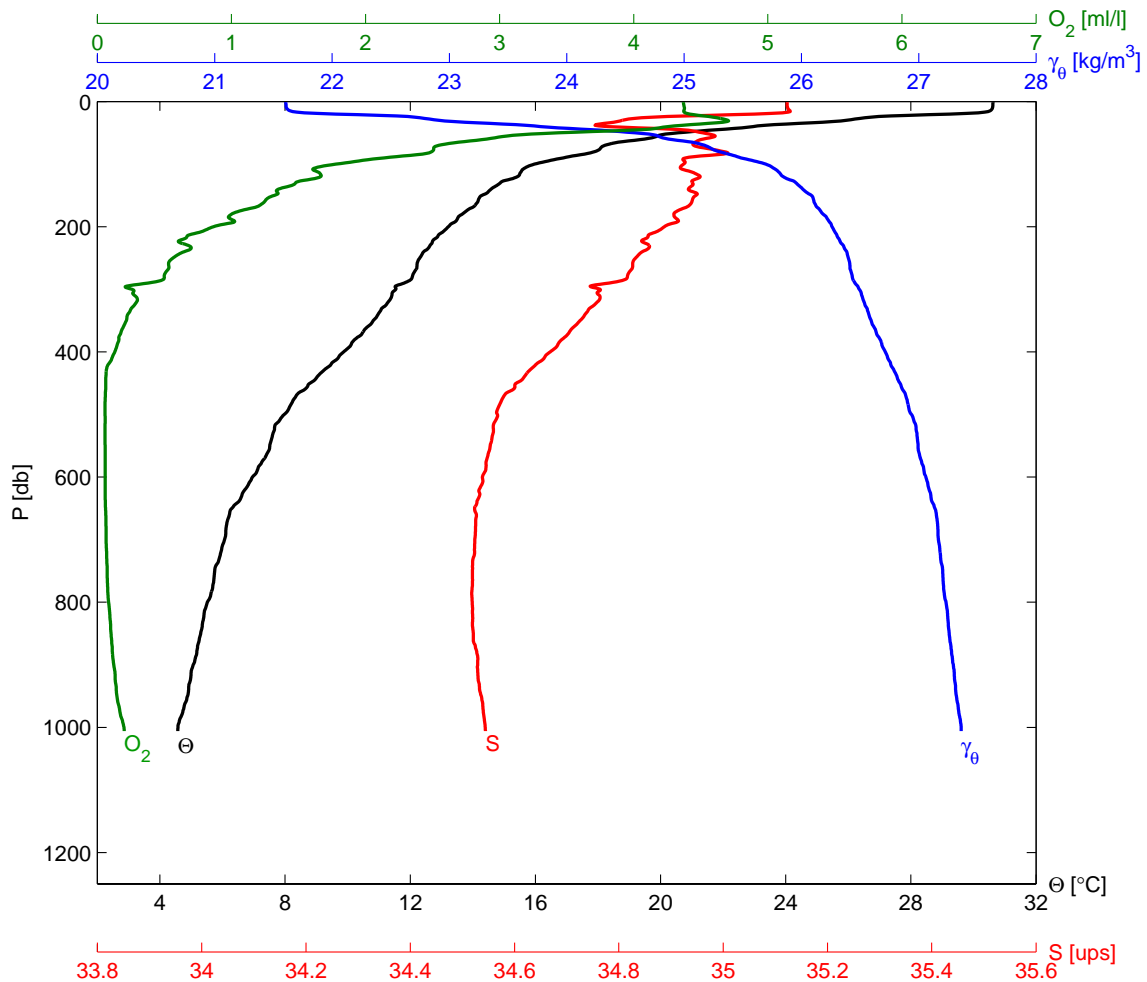
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
G08	169	25 41.8	110 14.2	18	8	2004	1036		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2085.0	30.3	35.18	78.6	29.4	1.3	137	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.287	35.182	21.767	4.328	140.0	14.667	34.959	26.014	1.449
5.0	30.292	35.182	21.765	4.332	160.0	14.221	34.945	26.099	1.302
10.0	30.296	35.183	21.764	4.340	180.0	13.810	34.940	26.181	1.234
20.0	27.856	34.965	22.417	4.737	200.0	13.311	34.894	26.248	0.894
30.0	25.068	34.800	23.171	4.844	300.0	11.604	34.782	26.495	0.372
40.0	22.954	34.746	23.756	4.215	400.0	9.595	34.647	26.745	0.082
50.0	20.551	34.848	24.501	3.367	500.0	8.033	34.563	26.926	0.060
60.0	19.115	34.886	24.906	2.776	600.0	6.772	34.537	27.085	0.060
80.0	17.273	34.915	25.385	2.267	700.0	6.007	34.519	27.172	0.068
100.0	16.185	34.962	25.677	2.025	800.0	5.329	34.527	27.261	0.098
120.0	15.275	34.950	25.874	1.657	900.0	4.796	34.539	27.334	0.158
997.0	4.366	34.550	27.390	0.242					



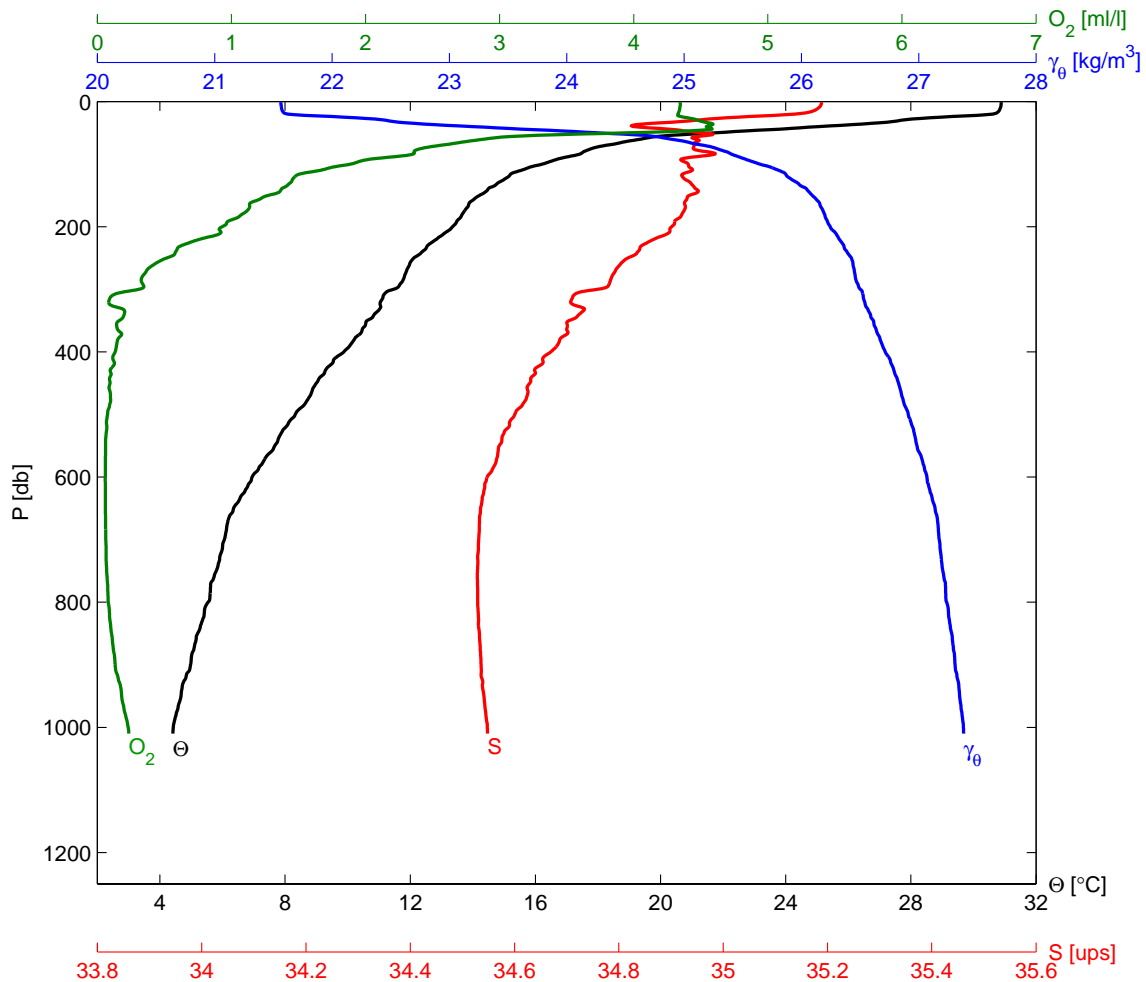
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
G09	170	25 45.6	110 9.2	18	8	2004	1220		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2100.0	30.2	35.21	84.0	29.2	2.6	125	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.224	35.211	21.810	4.321	140.0	14.442	34.956	26.060	1.379
5.0	30.223	35.211	21.810	4.320	160.0	13.904	34.926	26.151	1.149
10.0	30.162	35.196	21.820	4.367	180.0	13.445	34.888	26.216	0.899
20.0	26.464	34.863	22.787	4.642	200.0	13.187	34.897	26.276	0.905
30.0	25.049	34.815	23.188	4.568	300.0	11.570	34.772	26.494	0.310
40.0	23.543	34.787	23.616	4.462	400.0	9.767	34.639	26.710	0.069
50.0	20.396	34.853	24.546	3.237	500.0	8.261	34.583	26.907	0.060
60.0	19.260	34.898	24.878	2.858	600.0	6.757	34.526	27.079	0.060
80.0	17.624	34.939	25.319	2.413	700.0	5.946	34.521	27.181	0.070
100.0	16.058	34.941	25.690	1.909	800.0	5.435	34.522	27.245	0.093
120.0	14.943	34.940	25.939	1.505	900.0	4.950	34.535	27.313	0.138
977.0	4.537	34.545	27.367	0.203					



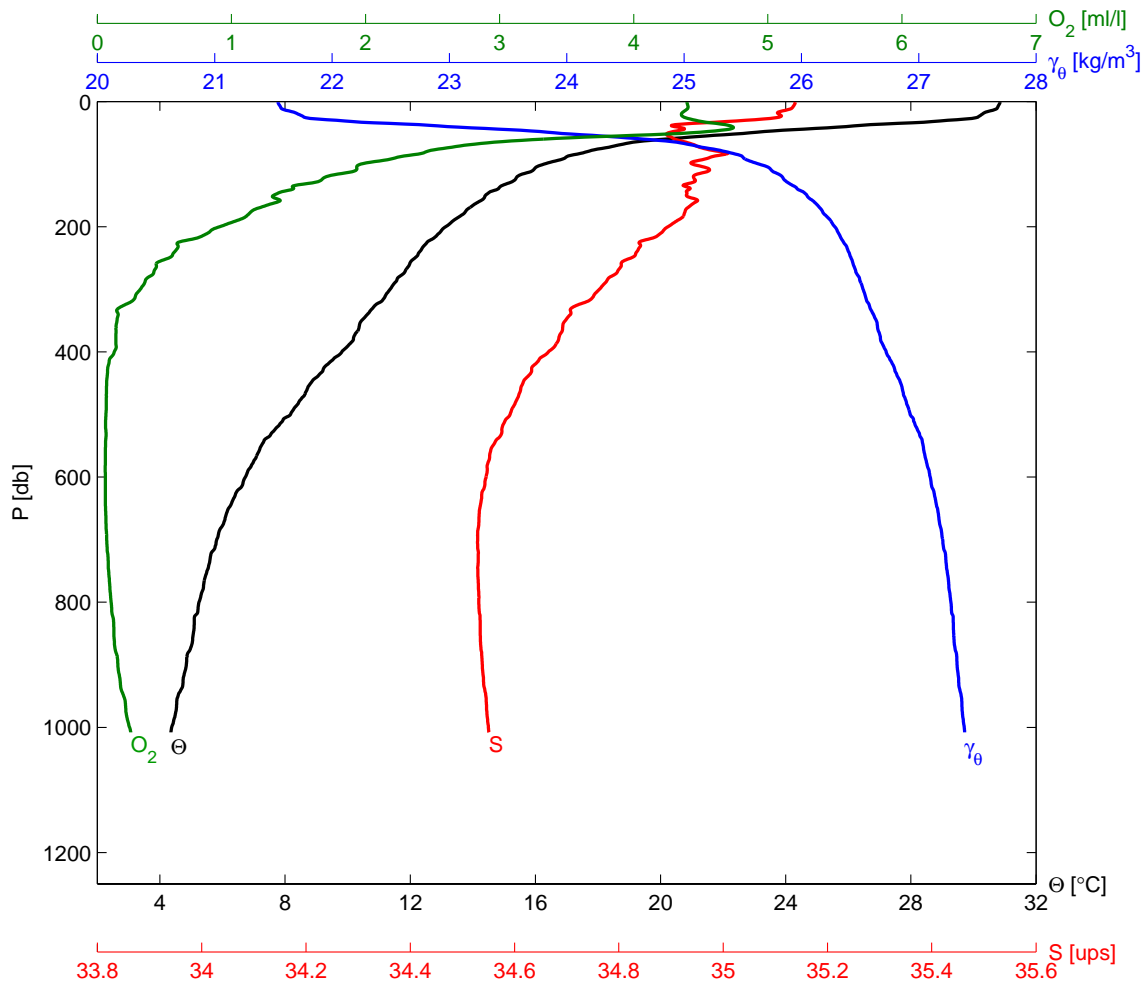
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
G10	171	25 49.5	110 3.9	18	8	2004	1359		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1693.0	30.6	35.13	84.8	29.2	2.2	132	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.624	35.123	21.606	4.371	160.0	14.162	34.940	26.107	1.247
5.0	30.618	35.123	21.608	4.373	180.0	13.659	34.905	26.186	1.000
10.0	30.607	35.124	21.613	4.378	200.0	13.219	34.887	26.262	0.866
20.0	29.244	35.062	22.031	4.417	300.0	11.539	34.765	26.494	0.258
30.0	25.941	34.807	22.908	4.703	400.0	9.873	34.668	26.715	0.131
40.0	22.956	34.776	23.778	4.256	500.0	7.972	34.567	26.938	0.058
50.0	20.569	34.960	24.582	3.442	600.0	6.959	34.538	27.061	0.059
60.0	19.484	34.961	24.868	2.902	700.0	6.066	34.524	27.168	0.065
80.0	17.900	35.001	25.298	2.494	800.0	5.517	34.519	27.233	0.084
100.0	15.969	34.924	25.697	1.779	900.0	5.064	34.529	27.295	0.122
120.0	15.426	34.957	25.845	1.665	1000.0	4.576	34.544	27.362	0.199
140.0	14.582	34.933	26.012	1.351	1006.0	4.570	34.544	27.363	0.200



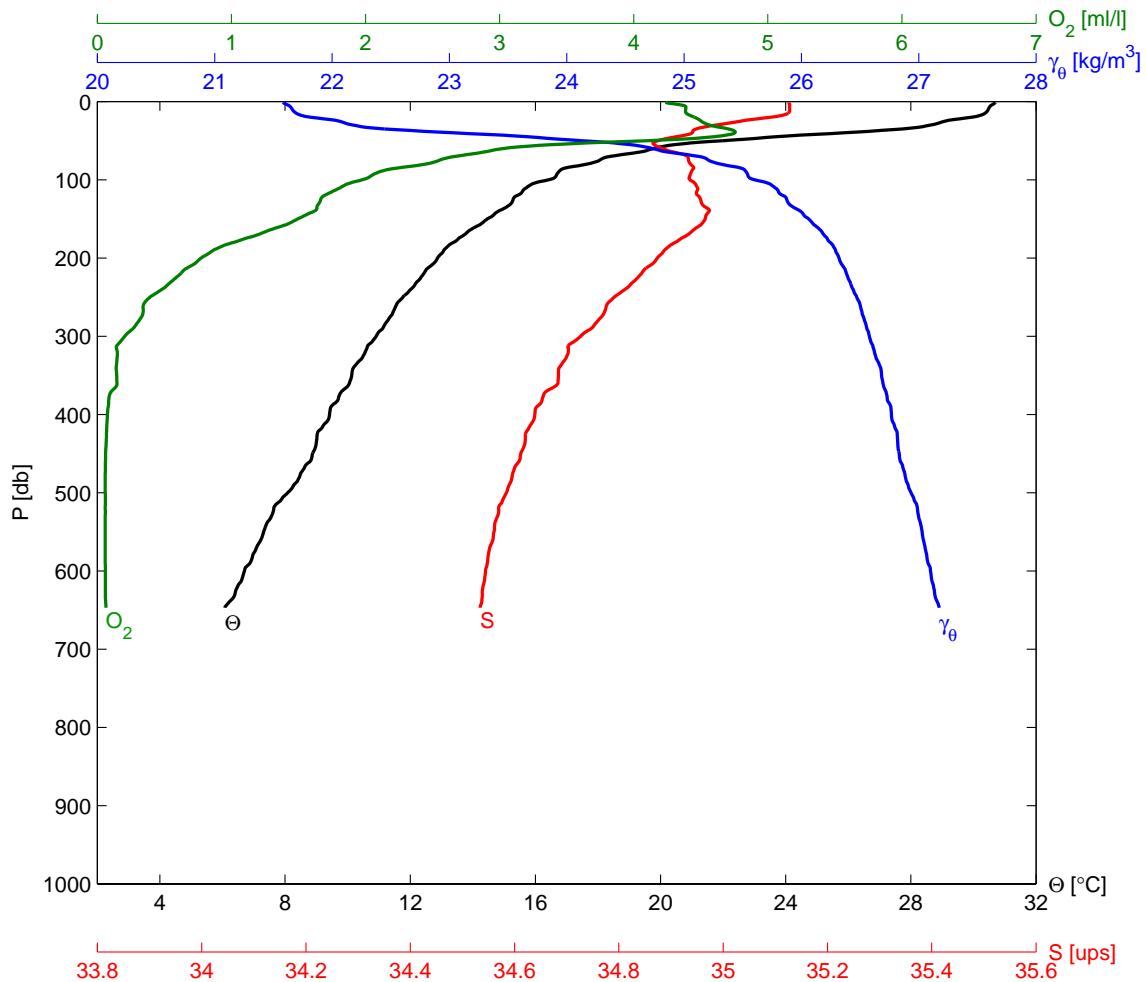
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
G11	172	25 53.3	109 58.7	18	8	2004	1542		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1390.0	30.9	35.20	80.2	29.9	2.6	136	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.886	35.189	21.565	4.346	160.0	13.930	34.927	26.146	1.162
5.0	30.883	35.188	21.565	4.347	180.0	13.663	34.921	26.197	1.080
10.0	30.860	35.183	21.569	4.343	200.0	13.353	34.901	26.245	0.931
20.0	30.612	35.139	21.622	4.330	300.0	11.470	34.760	26.503	0.312
30.0	27.681	34.946	22.460	4.480	400.0	9.881	34.670	26.715	0.133
40.0	25.057	34.827	23.195	4.541	500.0	8.325	34.600	26.911	0.076
50.0	21.770	34.963	24.255	3.960	600.0	6.945	34.547	27.070	0.059
60.0	19.379	34.948	24.885	2.889	700.0	6.059	34.531	27.175	0.063
80.0	17.548	34.967	25.358	2.361	800.0	5.541	34.530	27.238	0.082
100.0	16.223	34.933	25.646	1.889	900.0	4.979	34.536	27.310	0.132
120.0	15.138	34.922	25.882	1.473	1000.0	4.428	34.548	27.381	0.230
140.0	14.485	34.948	26.045	1.372	1010.0	4.415	34.548	27.383	0.234



ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
G12	173	25 56.9	109 53.5	18	8	2004	1716		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1035.0	30.9	35.14	79.5	29.7	2.1	168	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.844	35.138	21.542	4.398	160.0	14.195	34.949	26.107	1.353
5.0	30.818	35.137	21.549	4.401	180.0	13.689	34.925	26.195	1.128
10.0	30.765	35.133	21.565	4.405	200.0	13.132	34.894	26.285	0.913
20.0	30.284	35.106	21.711	4.355	300.0	11.356	34.763	26.526	0.321
30.0	29.182	35.043	22.038	4.463	400.0	9.814	34.665	26.722	0.127
40.0	25.934	34.906	22.985	4.736	500.0	8.172	34.591	26.927	0.064
50.0	22.864	34.895	23.894	4.429	600.0	6.728	34.545	27.098	0.060
60.0	20.158	34.906	24.650	3.329	700.0	5.815	34.529	27.204	0.070
80.0	17.661	34.995	25.352	2.455	800.0	5.252	34.531	27.275	0.103
100.0	16.273	34.941	25.640	1.964	900.0	4.844	34.538	27.327	0.153
120.0	15.418	34.943	25.836	1.709	1000.0	4.376	34.550	27.388	0.241
140.0	14.800	34.936	25.967	1.459	1008.0	4.353	34.551	27.392	0.249

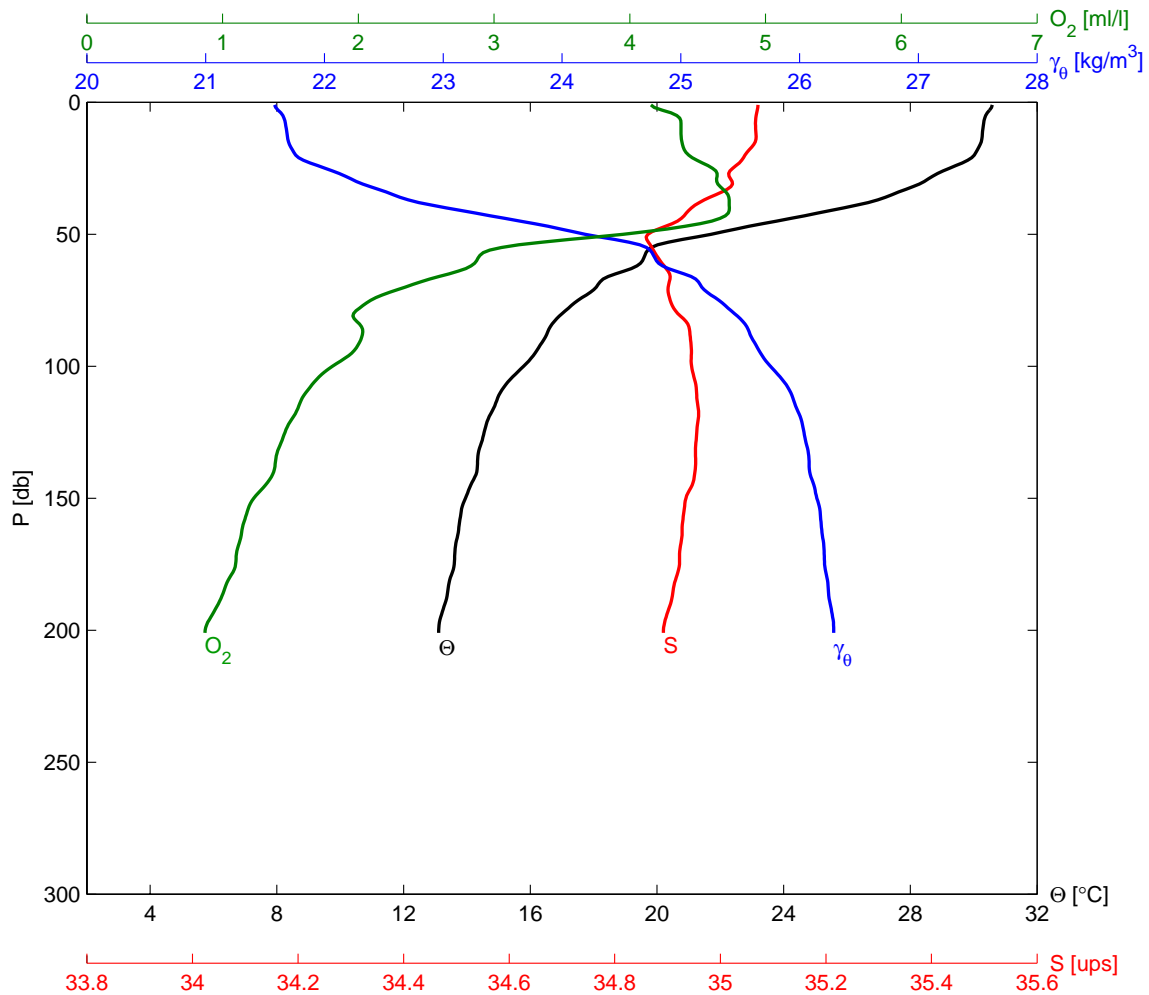


ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
G13	174		26 0.5		109 48.3		18	8	2004	1842
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
671.0	30.8	35.13	82.7	29.9	1.5	188	9	1013.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.682	35.126	21.589	4.255	120.0	15.420	34.951	25.842	1.694	
5.0	30.565	35.128	21.630	4.372	140.0	14.826	34.974	25.991	1.620	
10.0	30.476	35.128	21.661	4.387	160.0	14.098	34.952	26.130	1.362	
20.0	29.950	35.092	21.815	4.452	180.0	13.387	34.909	26.244	1.018	
30.0	28.640	34.987	22.176	4.563	200.0	12.875	34.874	26.321	0.774	
40.0	25.869	34.941	23.032	4.755	300.0	10.912	34.727	26.579	0.205	
50.0	21.991	34.875	24.127	4.101	400.0	9.420	34.639	26.768	0.075	
60.0	19.783	34.884	24.731	3.029	500.0	8.084	34.584	26.935	0.059	
80.0	17.653	34.937	25.310	2.448	600.0	6.702	34.544	27.101	0.060	
100.0	16.436	34.936	25.599	1.978	647.0	6.074	34.534	27.175	0.065	

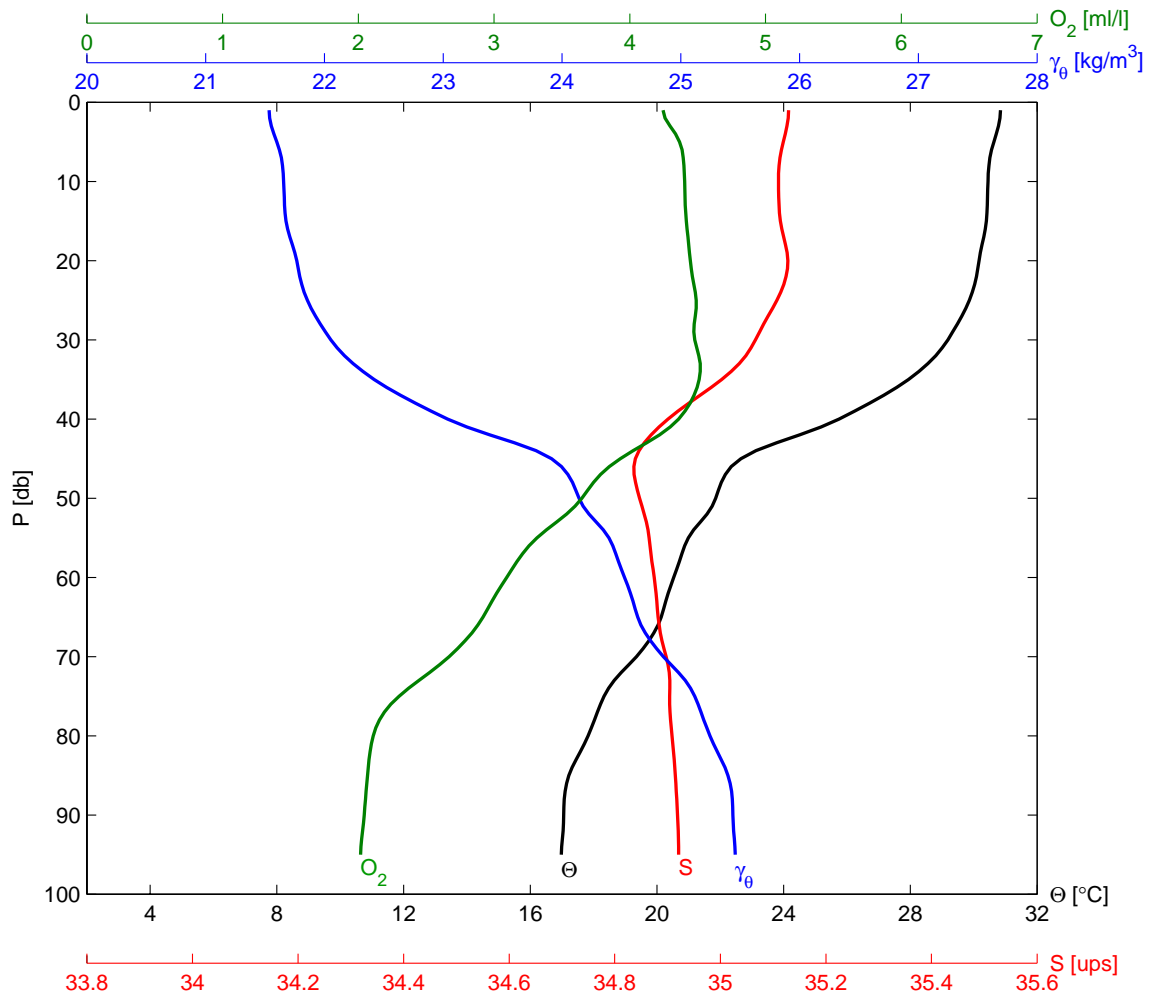




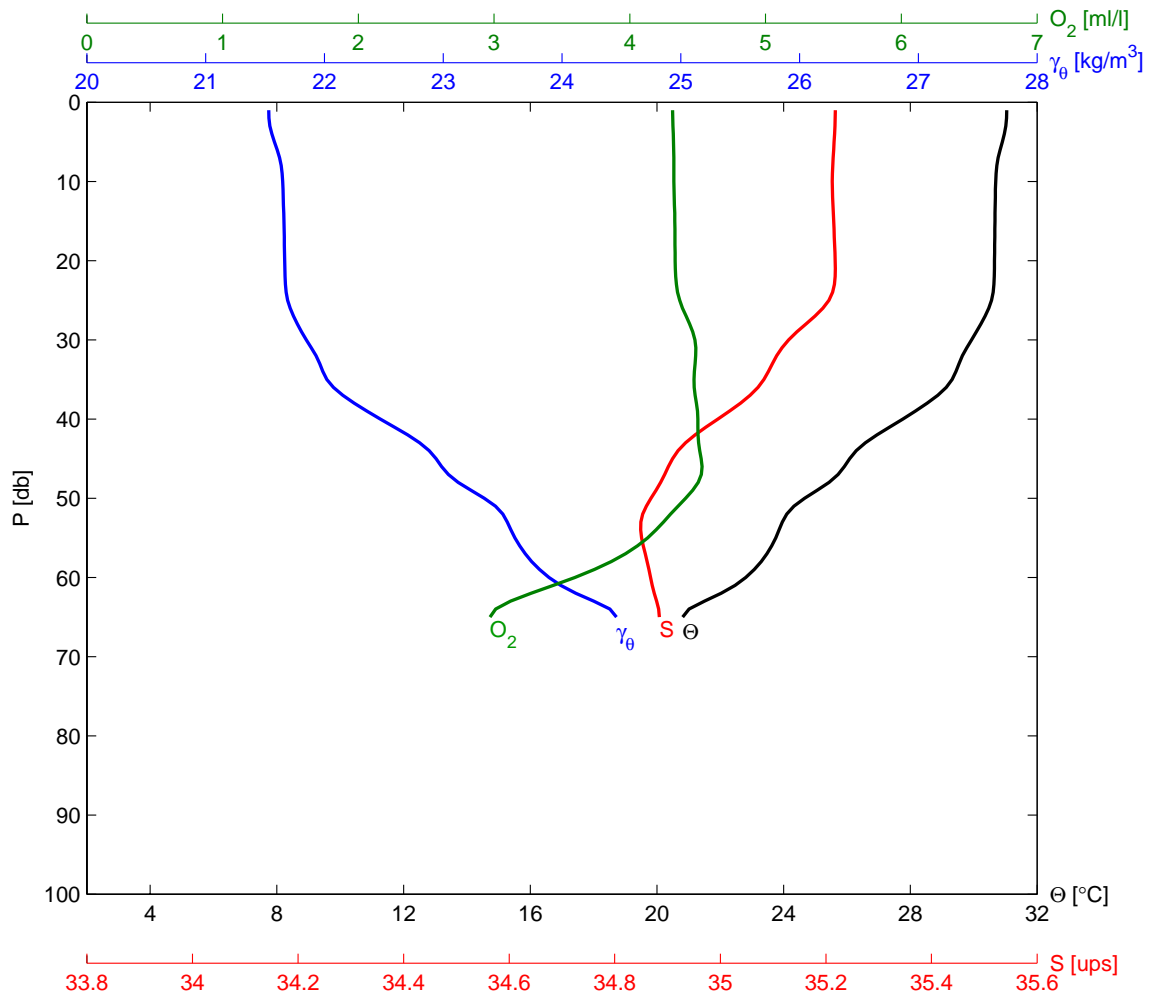
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
G14	175	26	4.1	109	43.3	18	8	2004	0020
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
0.0	30.8	35.07	81.6	29.9	1.7	222	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.559	35.071	21.590	4.180	80.0	17.006	34.919	25.452	1.965
5.0	30.378	35.068	21.650	4.346	100.0	15.788	34.946	25.755	1.809
10.0	30.291	35.067	21.679	4.377	120.0	14.668	34.958	26.013	1.511
20.0	30.016	35.047	21.758	4.433	140.0	14.311	34.952	26.085	1.377
30.0	28.440	35.023	22.270	4.640	160.0	13.757	34.928	26.183	1.152
40.0	25.892	34.945	23.028	4.733	180.0	13.481	34.917	26.231	1.053
50.0	21.708	34.861	24.195	3.950	200.0	13.107	34.892	26.288	0.872
60.0	19.542	34.886	24.796	2.871	201.0	13.106	34.892	26.289	0.870



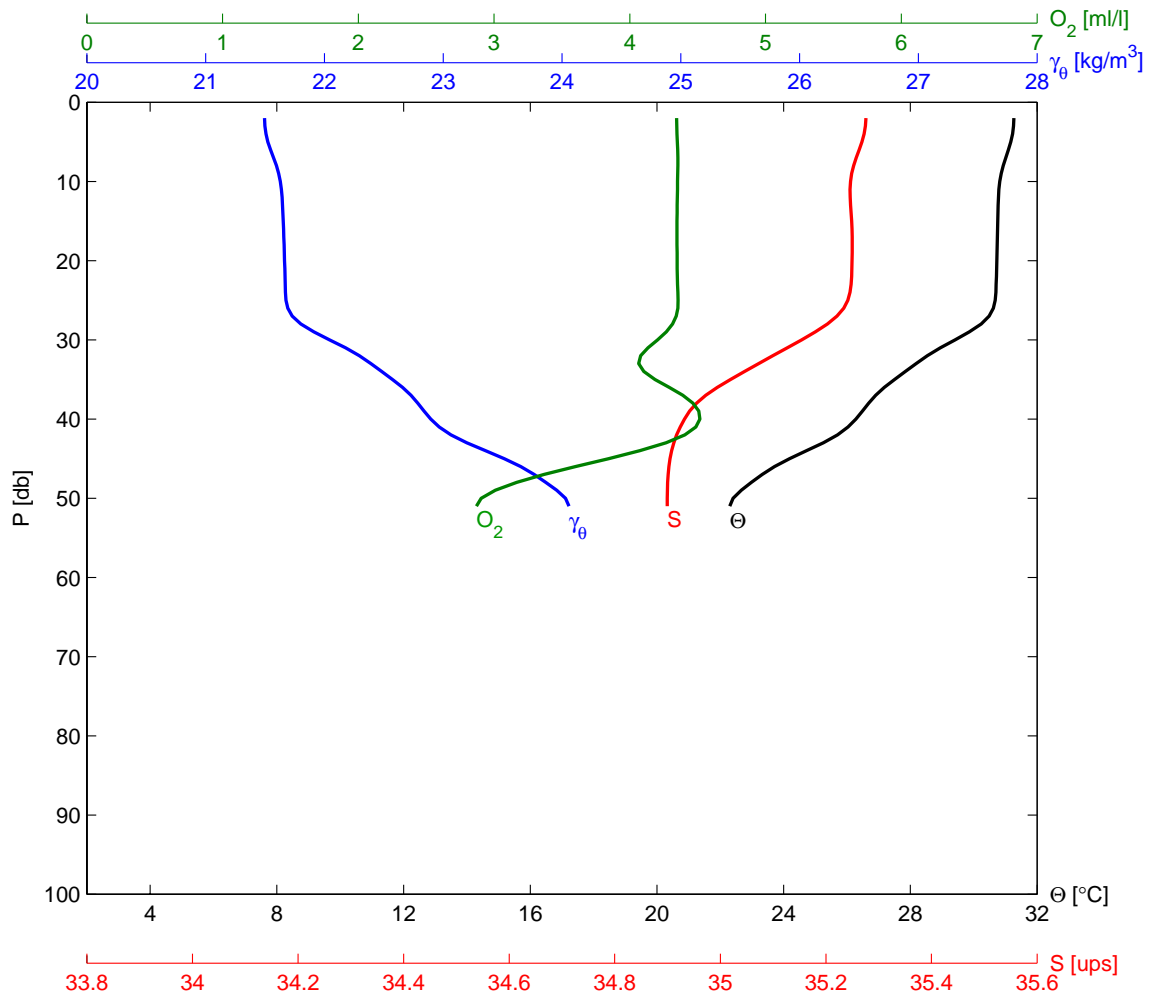
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
G15	176	26	7.8	109	38.1	18	8	2004	0021
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
4.0	30.9	35.13	76.7	31.0	2.9	241	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.830	35.129	21.539	4.260	40.0	25.749	34.900	23.038	4.360
5.0	30.635	35.119	21.600	4.367	50.0	21.853	34.847	24.144	3.647
10.0	30.450	35.110	21.657	4.404	60.0	20.529	34.875	24.527	3.093
20.0	30.169	35.128	21.767	4.445	80.0	17.825	34.909	25.246	2.110
30.0	29.182	35.067	22.055	4.478	95.0	16.982	34.921	25.459	2.017



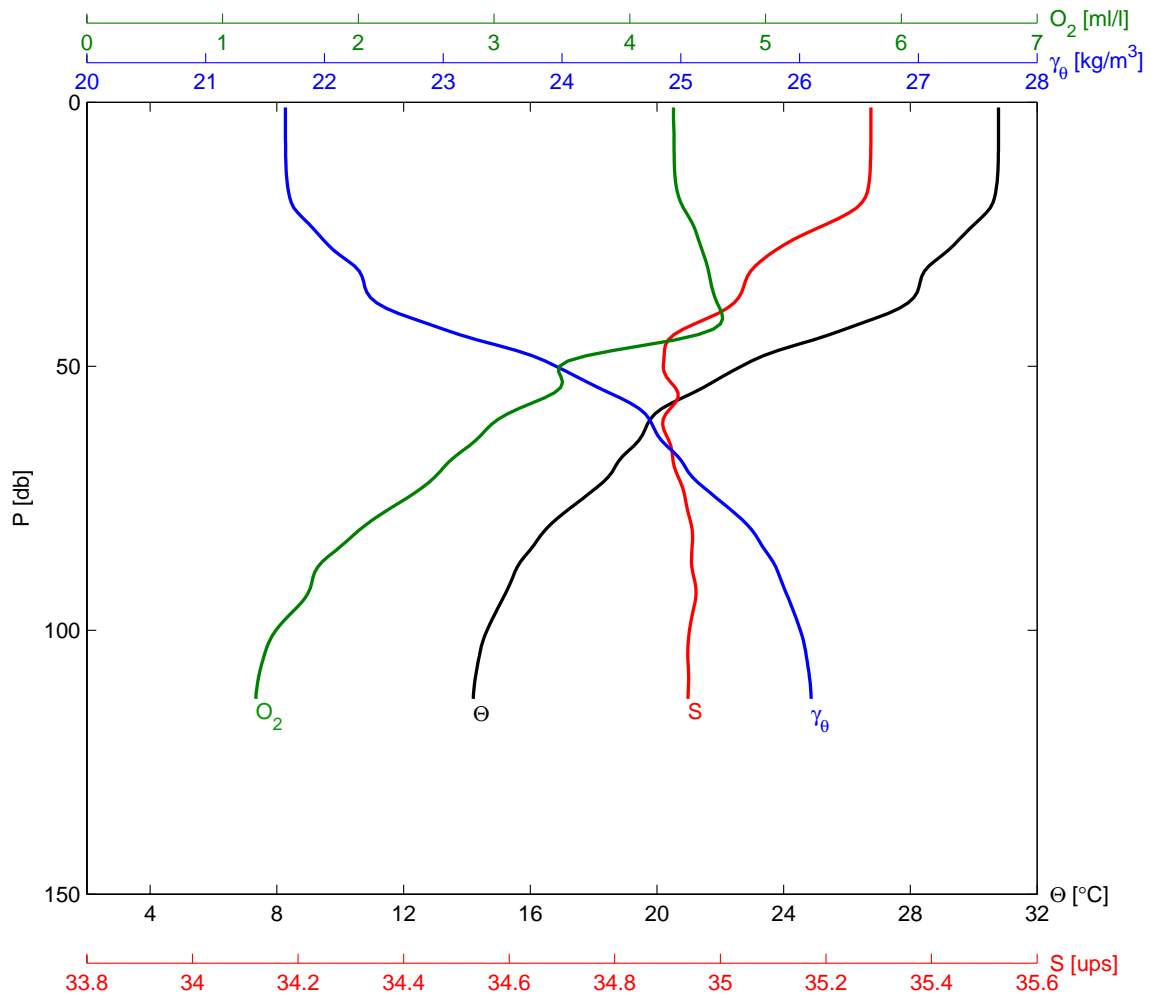
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
G16	177	26 11.5	109 33.1	18	8	2004	0022		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
9.0	31.1	35.22	78.3	30.7	1.8	247	9	1009.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	31.038	35.218	21.533	4.316	30.0	29.934	35.129	21.848	4.479
5.0	30.902	35.216	21.579	4.322	40.0	27.763	34.995	22.471	4.502
10.0	30.692	35.212	21.649	4.325	50.0	24.659	34.869	23.347	4.411
20.0	30.657	35.218	21.666	4.334	60.0	22.803	34.868	23.891	3.595
65.0	20.811	34.885	24.459	2.971					



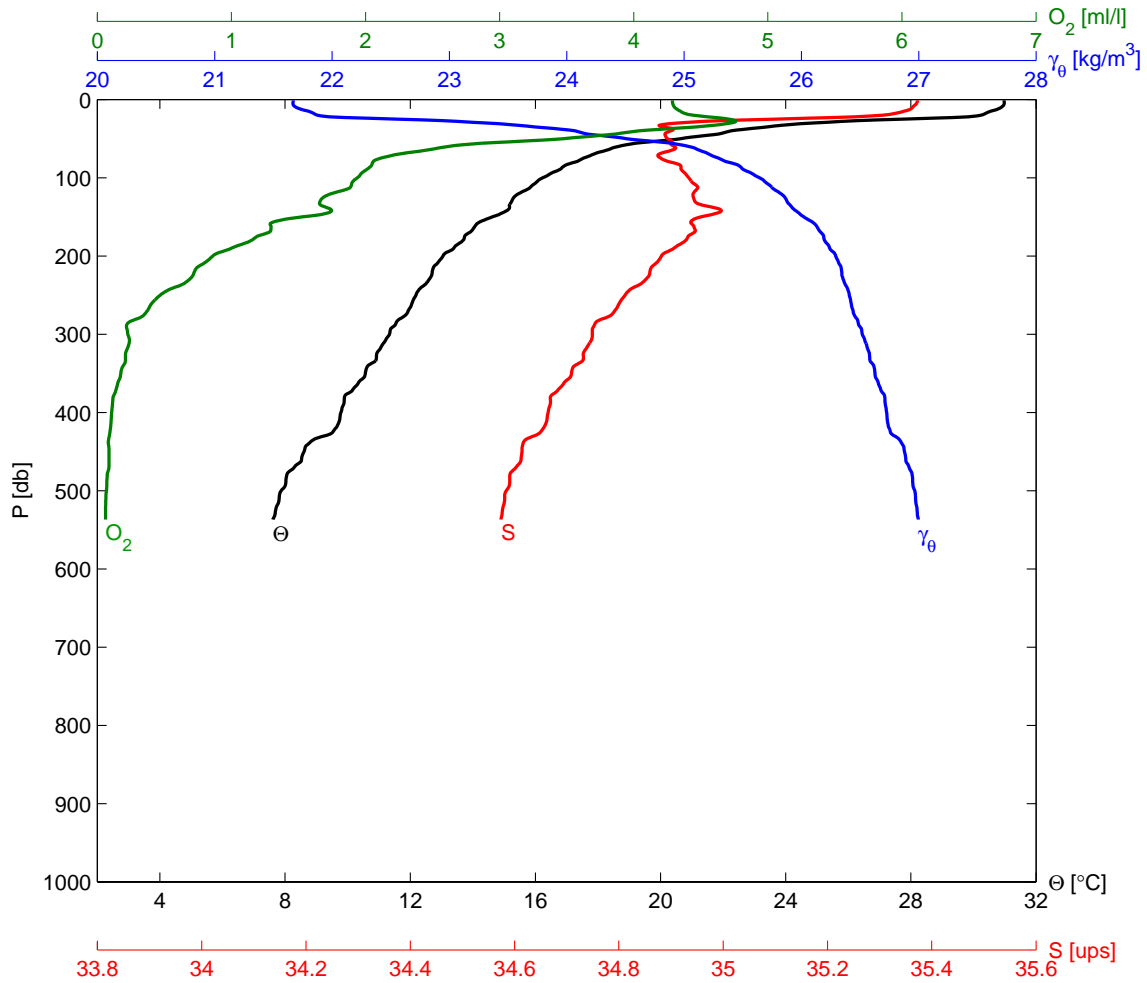
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
G17	178	26 15.2	109 28.1	18	8	2004	2327		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
59.0	31.3	35.28	78.1	30.7	2.8	260	9	1009.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	31.268	35.276	21.497	4.345	30.0	29.411	35.154	22.044	4.204
5.0	31.172	35.268	21.525	4.351	40.0	26.280	34.932	22.896	4.517
10.0	30.824	35.246	21.629	4.352	50.0	22.401	34.900	24.030	2.906
20.0	30.728	35.249	21.665	4.349	51.0	22.296	34.900	24.060	2.870



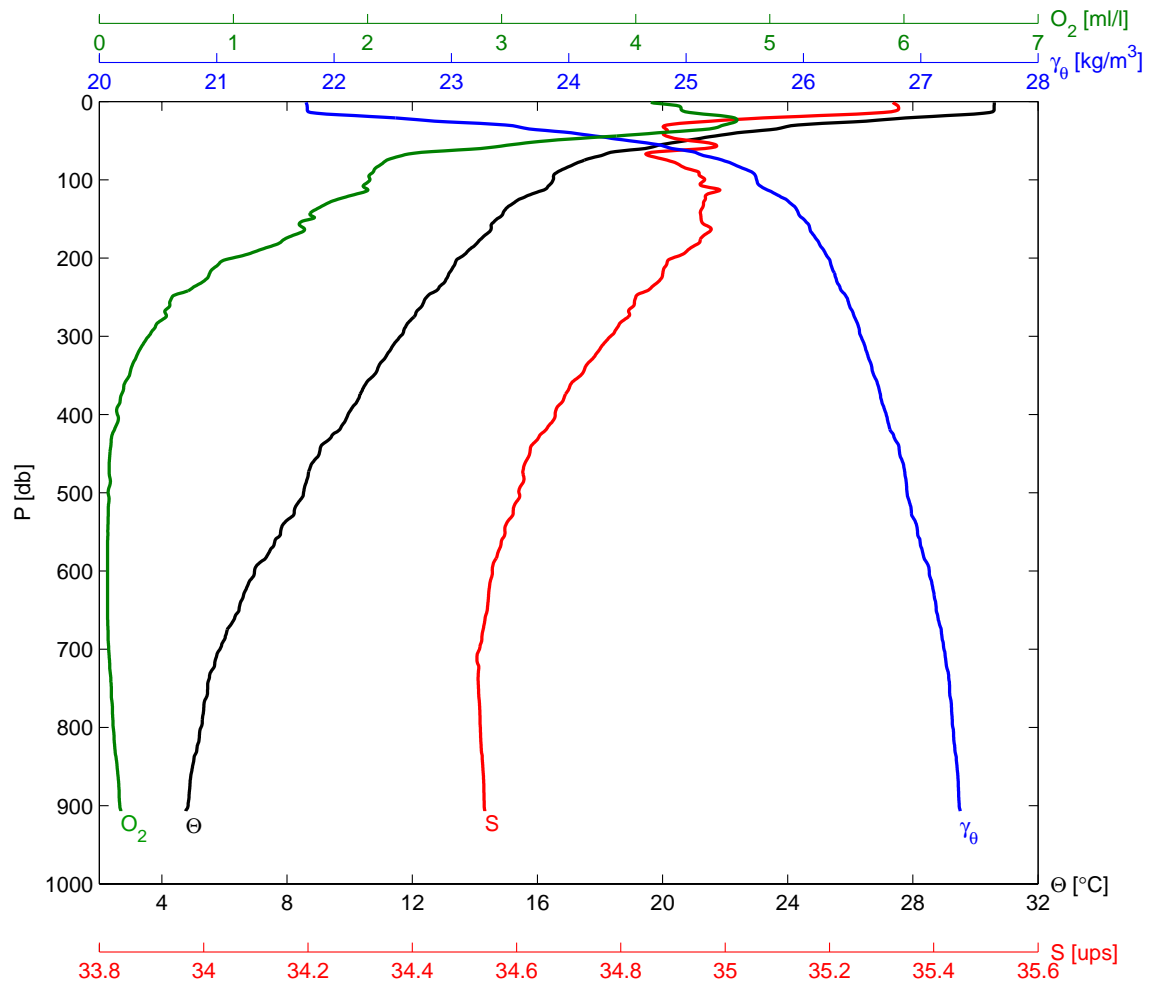
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
H14	179	26 30.4	109 44.9	19	8	2004	0249		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
121.0	30.8	35.28	76.8	30.4	1.2	241	9	1010.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.784	35.285	21.672	4.322	40.0	27.291	34.996	22.624	4.678
5.0	30.784	35.285	21.672	4.324	50.0	22.660	34.892	23.950	3.482
10.0	30.779	35.285	21.674	4.327	60.0	19.790	34.891	24.735	3.033
20.0	30.523	35.259	21.743	4.395	80.0	16.634	34.945	25.559	2.057
30.0	28.787	35.077	22.195	4.559	100.0	14.638	34.941	26.007	1.393
113.0	14.200	34.939	26.098	1.246					



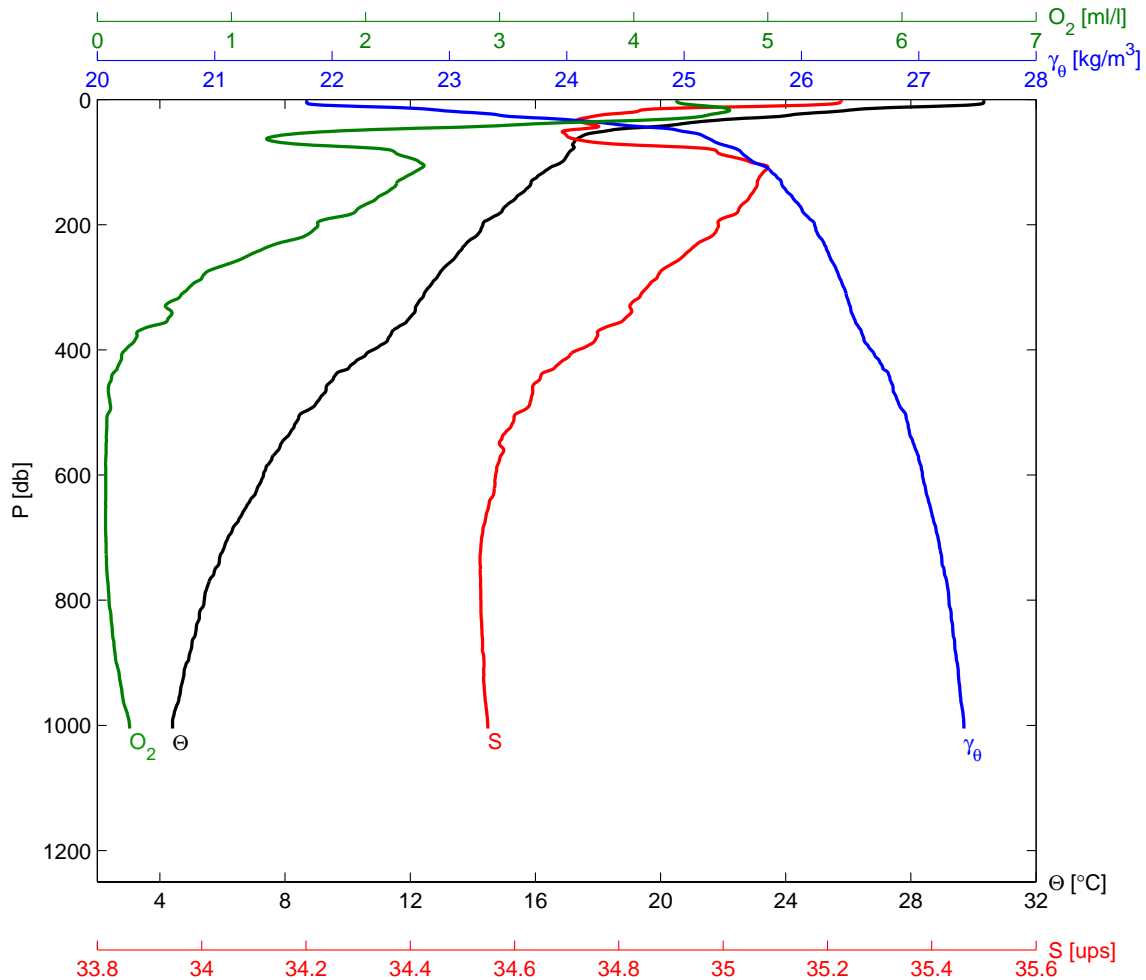
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
H12	180	26 22.2	109 55.7	19	8	2004	0005		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
0.0	31.0	35.38	81.3	30.2	1.6	216	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.981	35.373	21.669	4.288	100.0	16.240	34.934	25.643	1.940
5.0	30.983	35.371	21.667	4.291	120.0	15.480	34.943	25.822	1.751
10.0	30.887	35.363	21.695	4.305	140.0	15.151	34.993	25.934	1.738
20.0	30.245	35.308	21.875	4.442	160.0	14.105	34.941	26.120	1.289
30.0	24.887	34.913	23.312	4.725	180.0	13.689	34.928	26.197	1.150
40.0	22.265	34.900	24.069	4.043	200.0	13.046	34.882	26.293	0.860
50.0	20.645	34.893	24.510	3.473	300.0	11.338	34.749	26.519	0.228
60.0	18.644	34.907	25.041	2.617	400.0	9.786	34.664	26.727	0.107
80.0	17.268	34.899	25.374	2.054	500.0	7.874	34.584	26.966	0.068
537.0	7.613	34.574	26.997	0.061					



ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
H10	181	26 14.3	110 6.5	19	8	2004	0718		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
922.0	30.6	35.32	83.8	29.8	2.3	213	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.600	35.323	21.764	4.136	140.0	14.936	34.953	25.950	1.592
5.0	30.599	35.331	21.770	4.302	160.0	14.525	34.969	26.052	1.509
10.0	30.598	35.333	21.773	4.339	180.0	14.094	34.952	26.130	1.352
20.0	28.179	35.105	22.417	4.715	200.0	13.500	34.899	26.214	0.992
30.0	24.332	34.888	23.459	4.658	300.0	11.624	34.780	26.490	0.367
40.0	22.385	34.883	24.022	4.167	400.0	9.948	34.674	26.707	0.135
50.0	20.735	34.934	24.516	3.348	500.0	8.525	34.605	26.884	0.066
60.0	19.446	34.963	24.879	2.845	600.0	6.960	34.553	27.073	0.061
80.0	17.184	34.910	25.402	2.105	700.0	5.856	34.529	27.199	0.070
100.0	16.507	34.961	25.602	2.018	800.0	5.250	34.531	27.274	0.103
120.0	15.703	34.962	25.787	1.878	900.0	4.837	34.538	27.328	0.153
907.0	4.766	34.539	27.337	0.160					

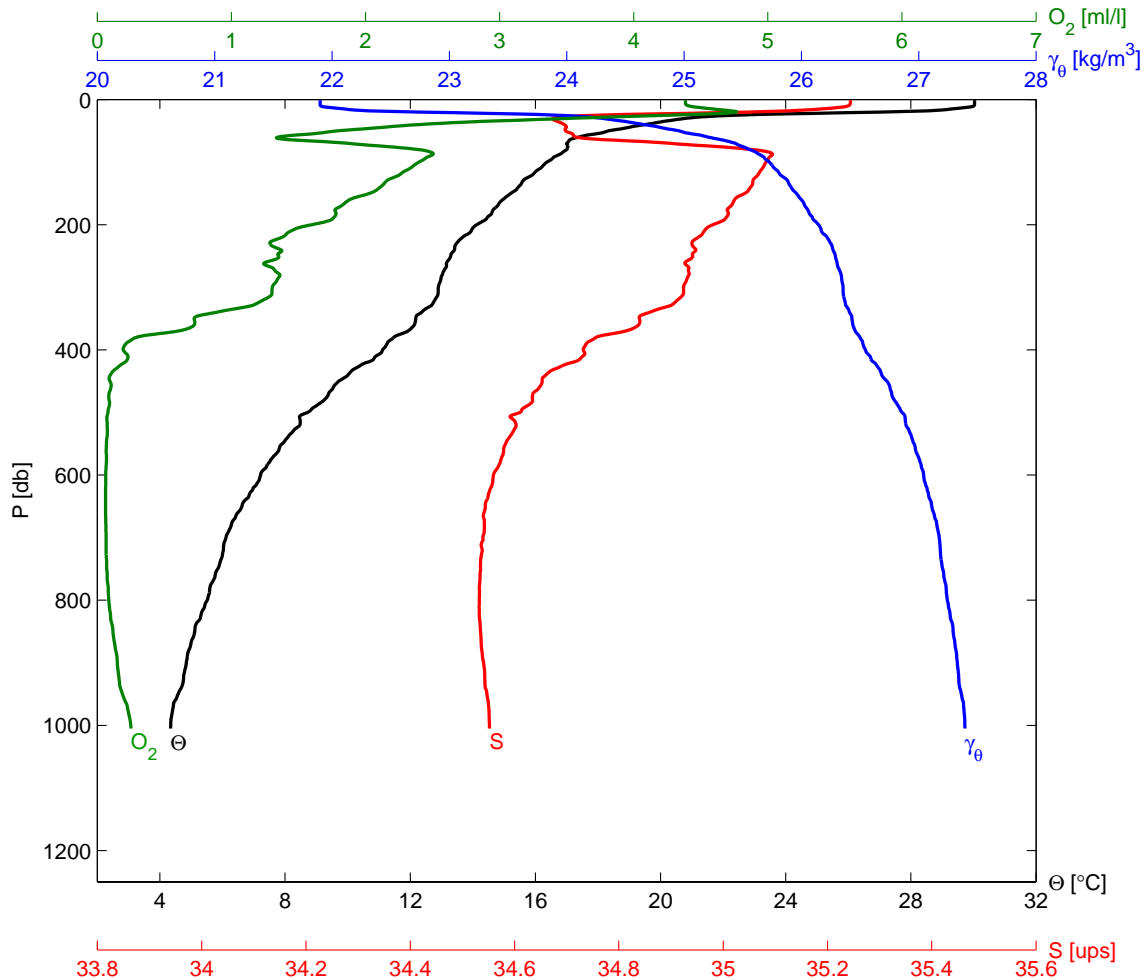


ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
H08	182		26	6.0	110	17.4	19	8	2004	0958
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
1748.0	30.3	35.12	85.6	29.6	2.0	113	9	1011.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.330	35.227	21.785	4.320	160.0	15.326	35.048	25.937	2.073	
5.0	30.329	35.224	21.784	4.332	180.0	14.907	35.028	26.015	1.920	
10.0	29.252	35.119	22.071	4.525	200.0	14.321	34.991	26.113	1.645	
20.0	25.327	34.830	23.115	4.683	300.0	12.594	34.854	26.361	0.686	
30.0	22.679	34.730	23.823	4.354	400.0	10.813	34.722	26.593	0.209	
40.0	20.507	34.749	24.437	3.155	500.0	8.567	34.608	26.880	0.087	
50.0	18.296	34.694	24.965	1.825	600.0	7.310	34.564	27.032	0.062	
60.0	17.436	34.703	25.183	1.293	700.0	6.176	34.537	27.164	0.064	
80.0	17.177	34.982	25.459	2.168	800.0	5.419	34.535	27.258	0.087	
100.0	16.842	35.052	25.593	2.402	900.0	4.856	34.541	27.328	0.141	
120.0	16.139	35.074	25.773	2.330	1000.0	4.403	34.549	27.384	0.240	
140.0	15.783	35.064	25.847	2.214	1005.0	4.403	34.549	27.385	0.241	

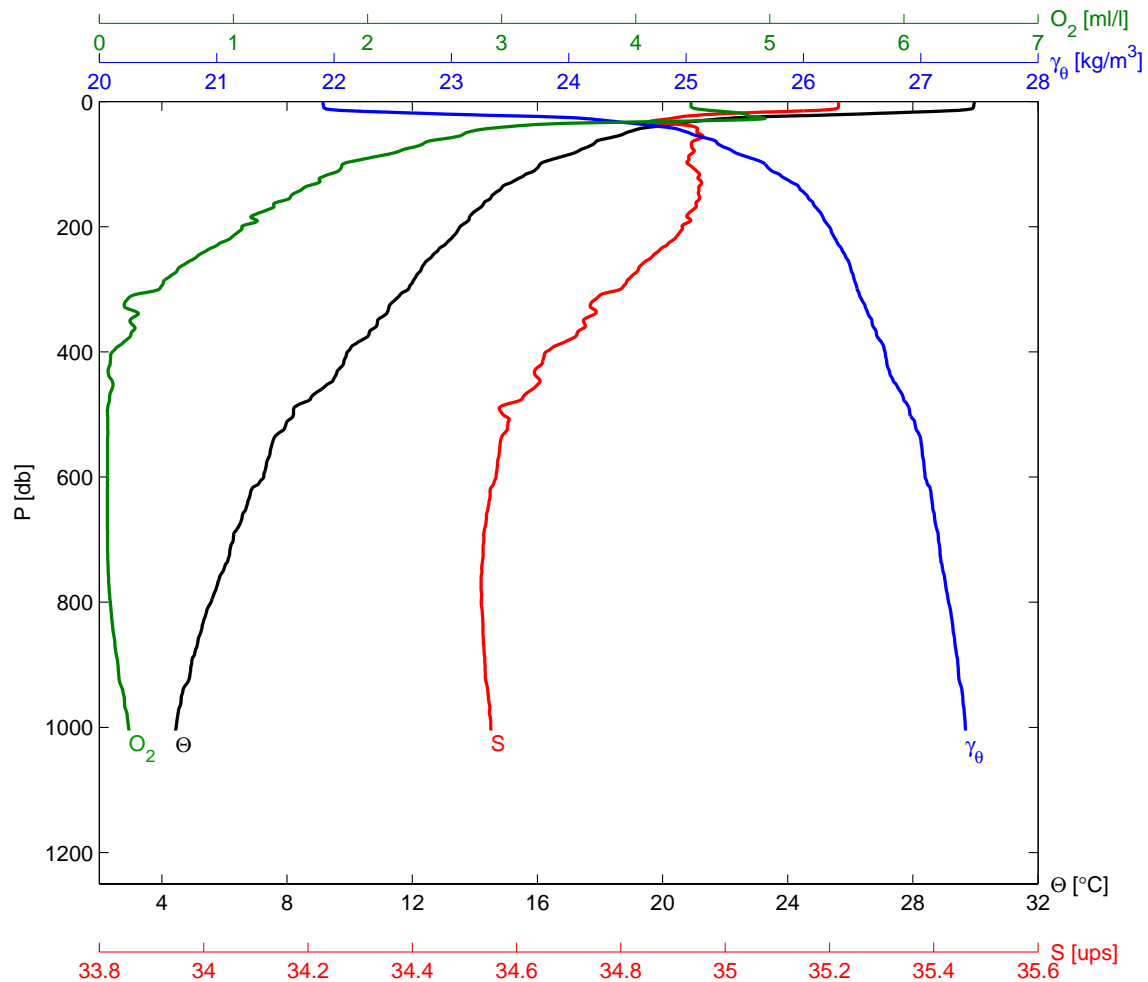




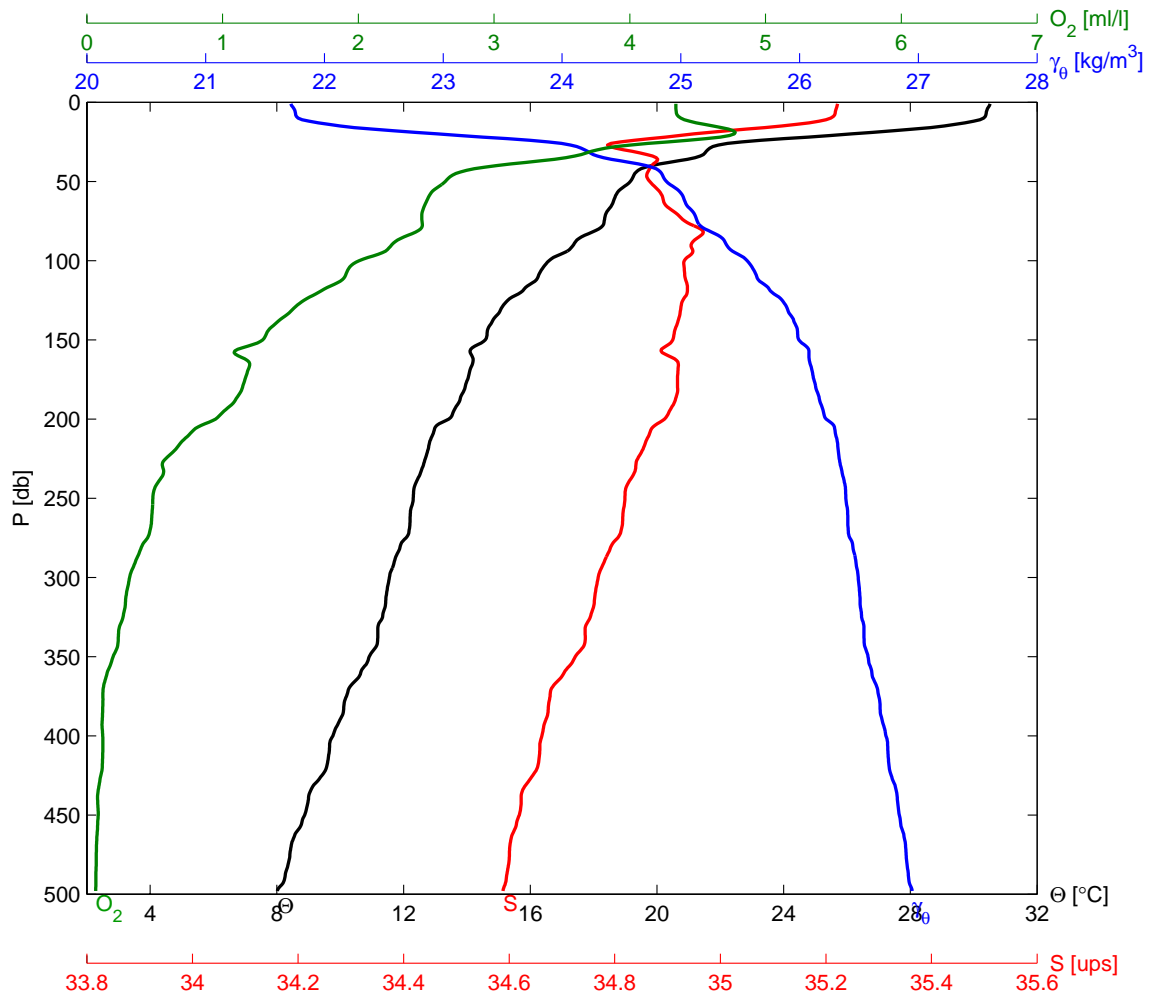
ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
H06	183		25 58.0		110 28.3		19	8	2004	1231
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
1343.0	30.0	35.25	83.2	29.8	1.9	104	9	1012.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.034	35.244	21.900	4.385	160.0	14.958	35.022	25.999	1.882	
5.0	30.037	35.244	21.899	4.386	180.0	14.615	35.010	26.064	1.778	
10.0	30.018	35.241	21.903	4.408	200.0	14.128	34.980	26.146	1.599	
20.0	27.001	35.049	22.756	4.769	300.0	12.897	34.924	26.355	1.305	
30.0	20.808	34.674	24.299	3.530	400.0	11.117	34.732	26.546	0.193	
40.0	19.511	34.696	24.658	2.399	500.0	8.713	34.610	26.859	0.079	
50.0	18.343	34.697	24.957	1.795	600.0	7.216	34.560	27.042	0.063	
60.0	17.393	34.717	25.204	1.346	700.0	6.112	34.539	27.175	0.065	
80.0	17.001	35.057	25.559	2.397	800.0	5.512	34.533	27.244	0.086	
100.0	16.365	35.082	25.728	2.397	900.0	4.844	34.541	27.329	0.149	
120.0	15.917	35.067	25.819	2.255	1000.0	4.345	34.552	27.393	0.250	
140.0	15.453	35.053	25.913	2.109	1005.0	4.341	34.552	27.394	0.251	



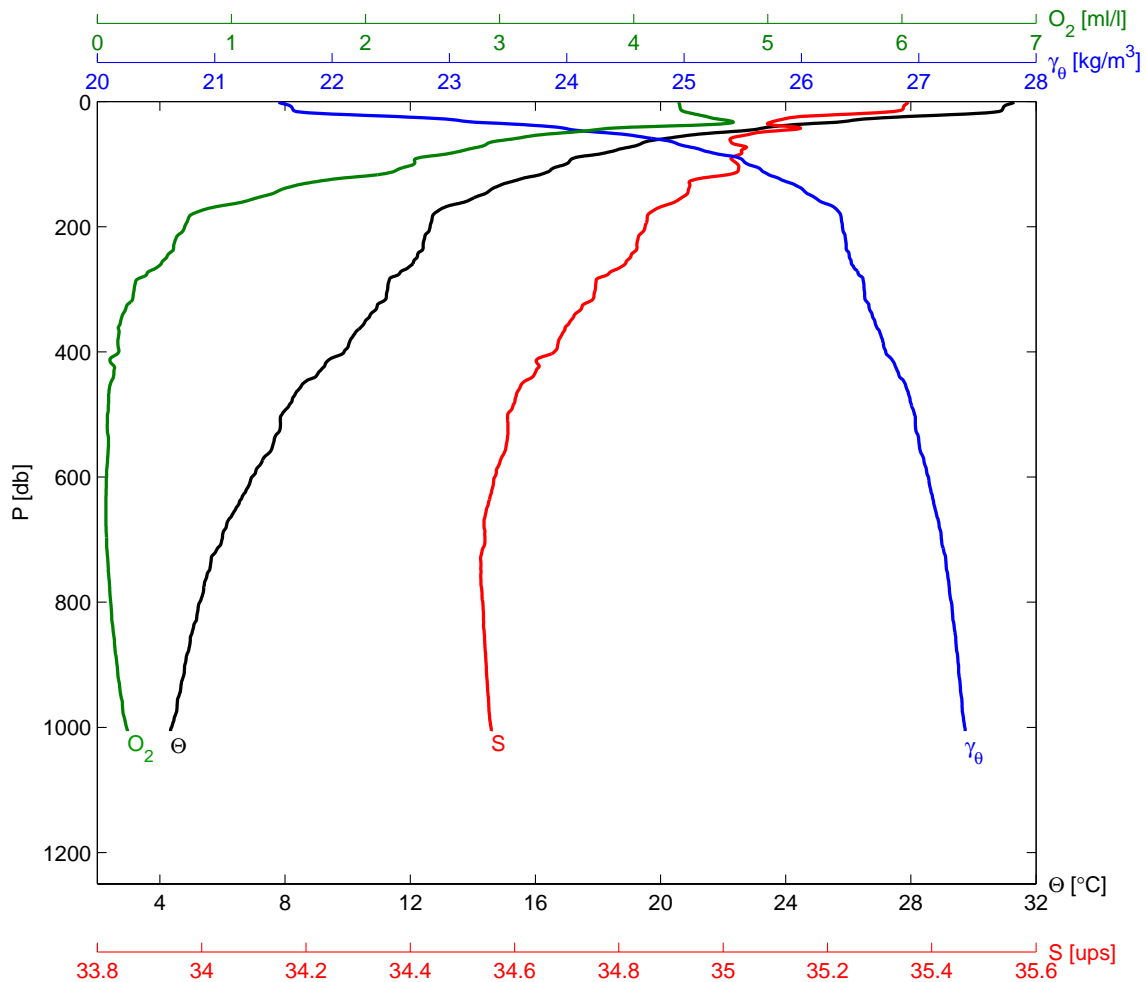
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
H04	184	25 49.7	110 39.3	19	8	2004	0015		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1.0	30.0	35.22	82.5	30.2	1.5	116	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	29.960	35.218	21.906	4.411	160.0	14.331	34.946	26.076	1.340
5.0	29.951	35.218	21.908	4.412	180.0	13.903	34.928	26.153	1.167
10.0	29.929	35.217	21.915	4.424	200.0	13.531	34.917	26.222	1.062
20.0	26.233	34.980	22.947	4.820	300.0	11.874	34.800	26.458	0.445
30.0	21.344	34.867	24.300	4.651	400.0	9.930	34.657	26.696	0.098
40.0	19.745	34.941	24.785	3.058	500.0	8.205	34.574	26.909	0.061
50.0	18.829	34.947	25.026	2.734	600.0	7.255	34.561	27.037	0.061
60.0	18.121	34.949	25.204	2.551	700.0	6.281	34.537	27.151	0.061
80.0	17.275	34.941	25.404	2.229	800.0	5.570	34.532	27.237	0.082
100.0	16.089	34.929	25.673	1.815	900.0	4.942	34.540	27.317	0.139
120.0	15.521	34.949	25.818	1.668	1000.0	4.454	34.551	27.380	0.218
140.0	14.827	34.950	25.972	1.513	1005.0	4.440	34.551	27.382	0.221



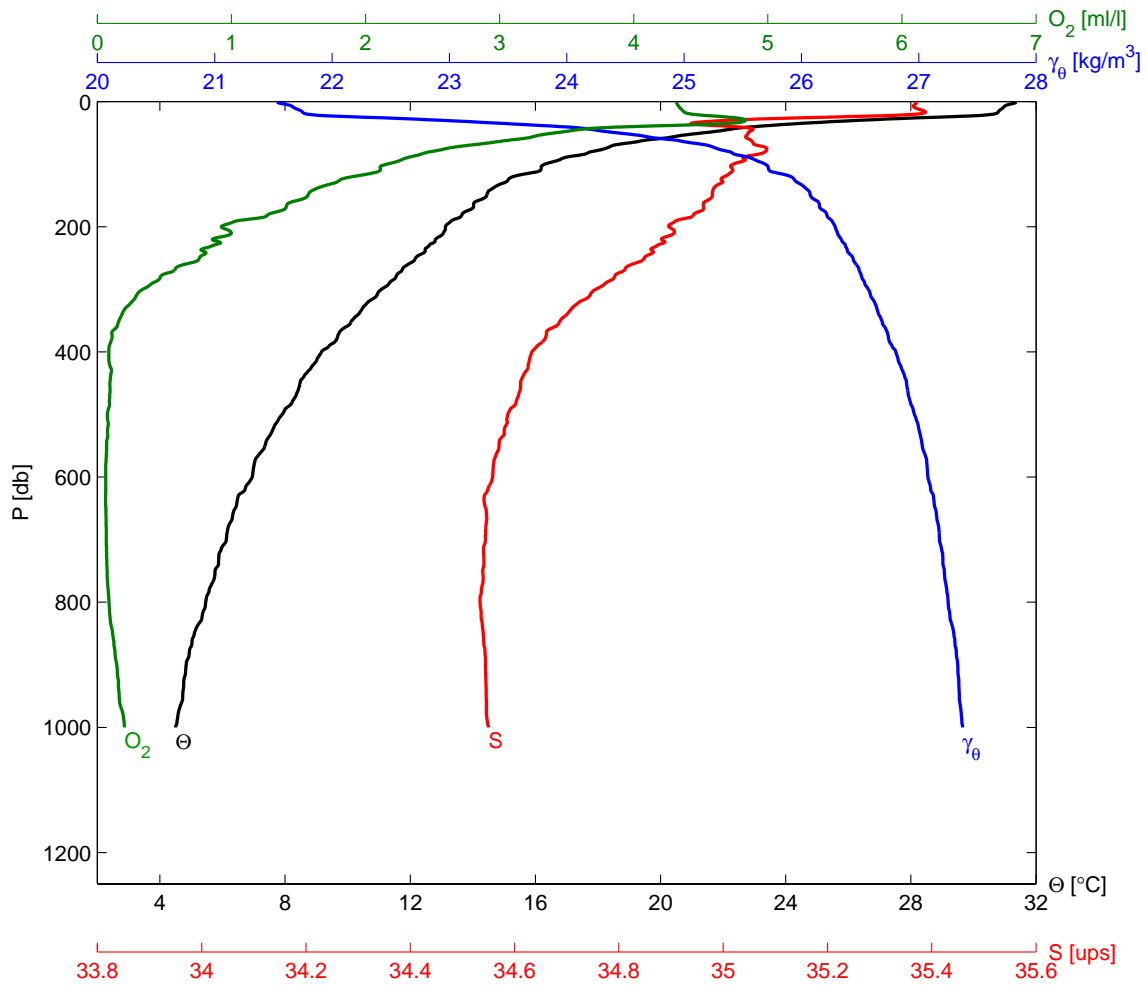
ESTACION H02	LANCE 185	LATITUD 25 44.1	LONGITUD 110 49.9	DD MM 19 8 2004	AA 1726	H[UT]			
PROFTOT [m] 515.0	TEMSUP [°C] 30.1	SALSUP [ups] 35.23	TEBUHU [°C] 68.0	TEBUSE [°C] 30.7	V-MAG [m/s] 0.9	DIR [AZM] 196	NUBES [1/8] 9	BAROM [bar] 1013.0	
PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]	PR [db]	Θ [°C]	SA [ups]	γ [kg/m³]	O <sub>2</sub> [ml/l]
2.0	30.501	35.222	21.723	4.339	100.0	16.591	34.932	25.559	2.007
5.0	30.414	35.218	21.750	4.340	120.0	15.706	34.938	25.767	1.709
10.0	30.314	35.210	21.778	4.375	140.0	14.756	34.918	25.963	1.387
20.0	26.146	34.949	22.951	4.770	160.0	14.155	34.901	26.079	1.113
30.0	21.602	34.817	24.191	3.762	180.0	13.943	34.919	26.137	1.147
40.0	19.836	34.870	24.707	3.019	200.0	13.428	34.895	26.225	0.948
50.0	19.162	34.866	24.879	2.641	300.0	11.553	34.769	26.494	0.315
60.0	18.673	34.891	25.022	2.517	400.0	9.766	34.662	26.728	0.117
80.0	18.162	34.963	25.205	2.458	498.0	8.013	34.588	26.949	0.065



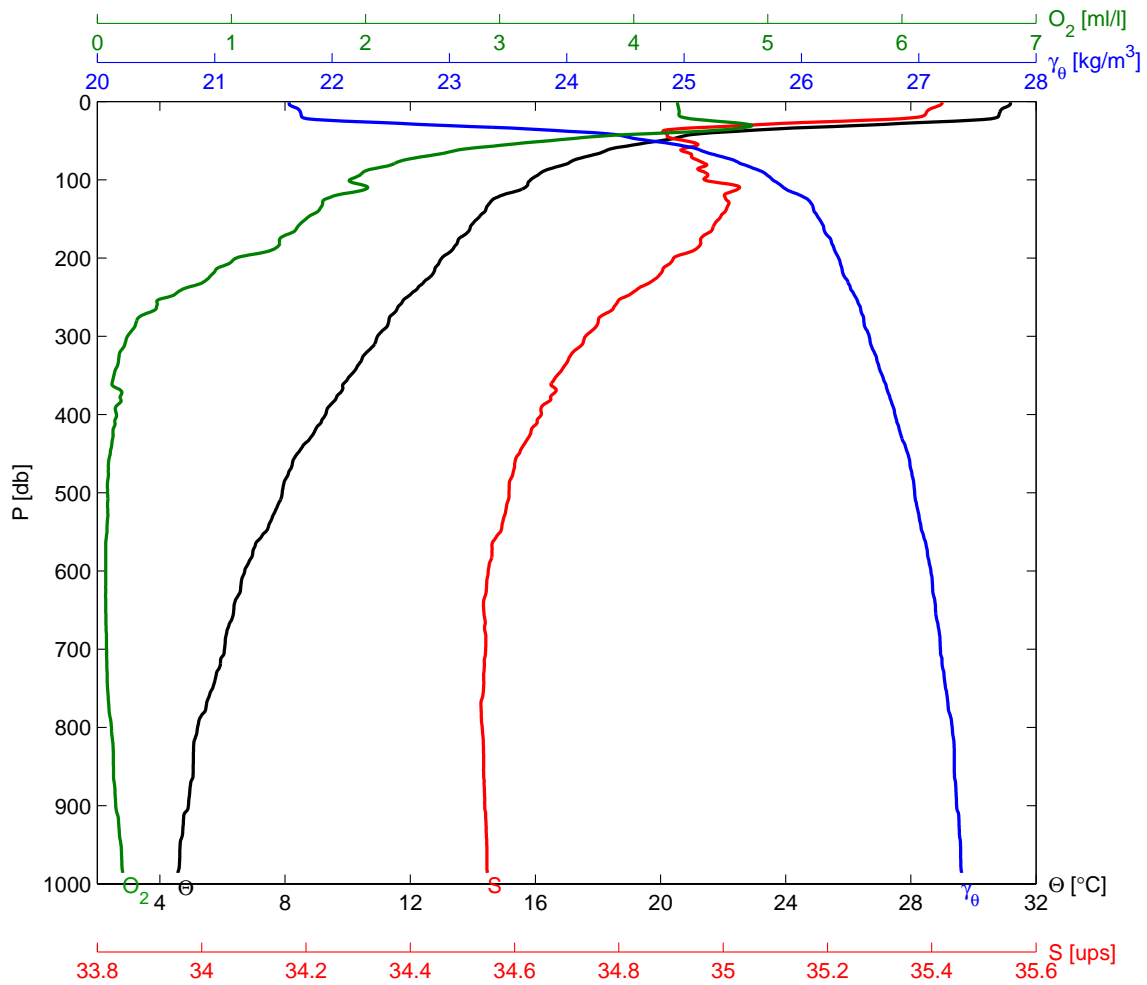
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
I01	186	26 17.5	110 45.1	19	8	2004	2237		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2145.0	31.4	35.36	68.7	31.0	1.2	164	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	31.274	35.354	21.553	4.338	160.0	13.774	34.909	26.164	1.095
5.0	31.079	35.349	21.618	4.342	180.0	12.747	34.856	26.333	0.706
10.0	30.950	35.346	21.660	4.346	200.0	12.636	34.850	26.350	0.652
20.0	29.723	35.244	22.006	4.455	300.0	11.277	34.755	26.535	0.275
30.0	26.133	35.105	23.073	4.695	400.0	9.886	34.676	26.719	0.160
40.0	23.593	35.129	23.860	4.126	500.0	7.901	34.587	26.964	0.076
50.0	21.736	35.062	24.340	3.477	600.0	6.938	34.562	27.082	0.068
60.0	20.031	35.013	24.765	3.091	700.0	5.984	34.543	27.194	0.069
80.0	18.417	35.035	25.197	2.694	800.0	5.273	34.539	27.278	0.100
100.0	16.975	35.028	25.542	2.361	900.0	4.796	34.546	27.339	0.147
120.0	15.851	34.980	25.767	1.949	1000.0	4.370	34.555	27.393	0.218
140.0	14.604	34.934	26.008	1.381	1006.0	4.340	34.555	27.396	0.224



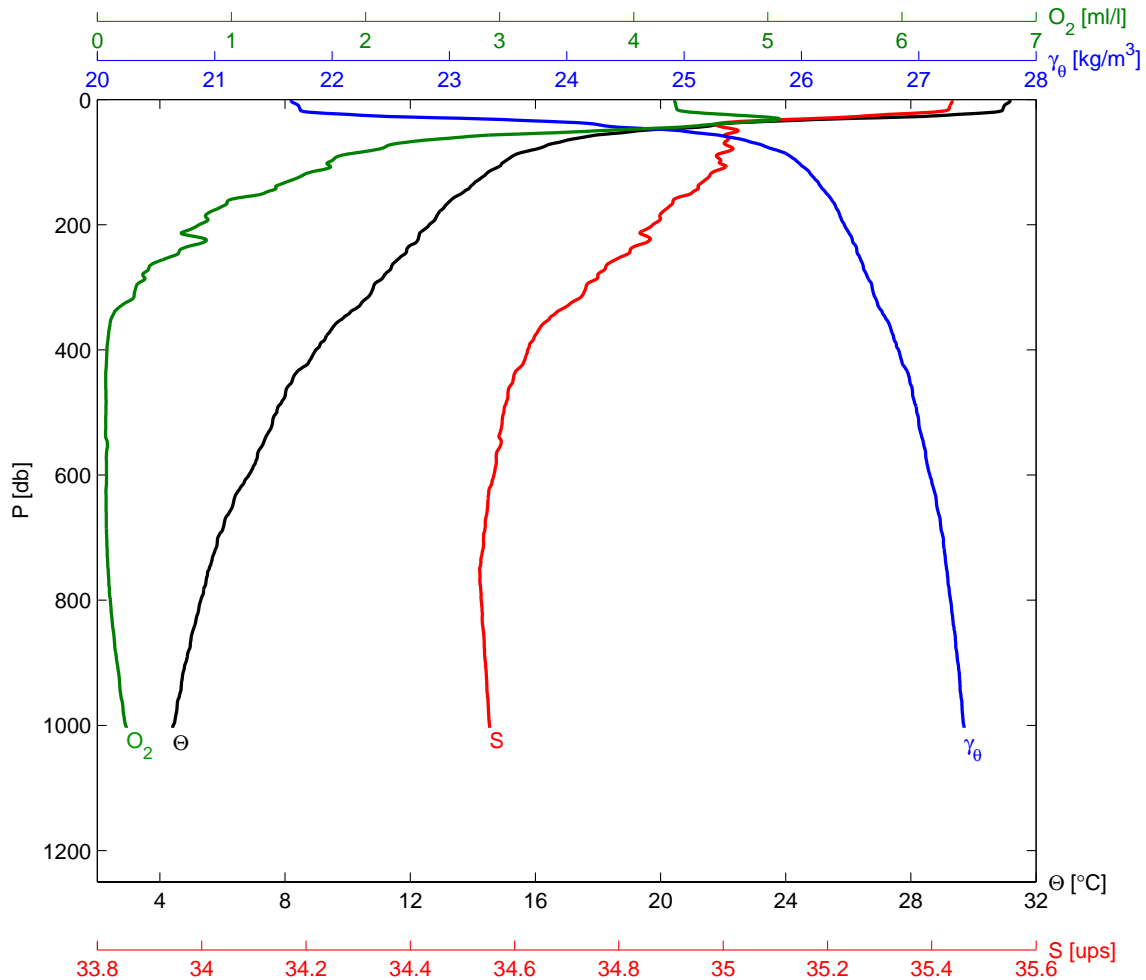
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
I02	187	26 23.2	110 45.1	20	8	2004	0024		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
2676.0	31.4	35.38	73.5	30.9	1.2	148	9	1010.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	31.348	35.371	21.540	4.321	160.0	14.084	34.965	26.143	1.457
5.0	31.109	35.367	21.620	4.327	180.0	13.657	34.944	26.216	1.278
10.0	30.947	35.368	21.678	4.344	200.0	13.126	34.896	26.287	0.925
20.0	30.650	35.374	21.785	4.430	300.0	11.082	34.756	26.571	0.340
30.0	26.351	35.007	22.930	4.834	400.0	9.168	34.633	26.804	0.085
40.0	23.017	35.021	23.946	3.991	500.0	7.907	34.587	26.964	0.075
50.0	21.370	35.048	24.431	3.417	600.0	6.948	34.558	27.078	0.063
60.0	19.839	35.050	24.843	3.144	700.0	6.122	34.544	27.177	0.067
80.0	17.798	35.082	25.385	2.488	800.0	5.466	34.534	27.251	0.087
100.0	16.311	35.019	25.692	2.160	900.0	4.840	34.544	27.332	0.145
120.0	15.286	35.002	25.911	1.903	1000.0	4.502	34.550	27.375	0.202
140.0	14.601	34.981	26.045	1.623	1000.0	4.502	34.550	27.375	0.202



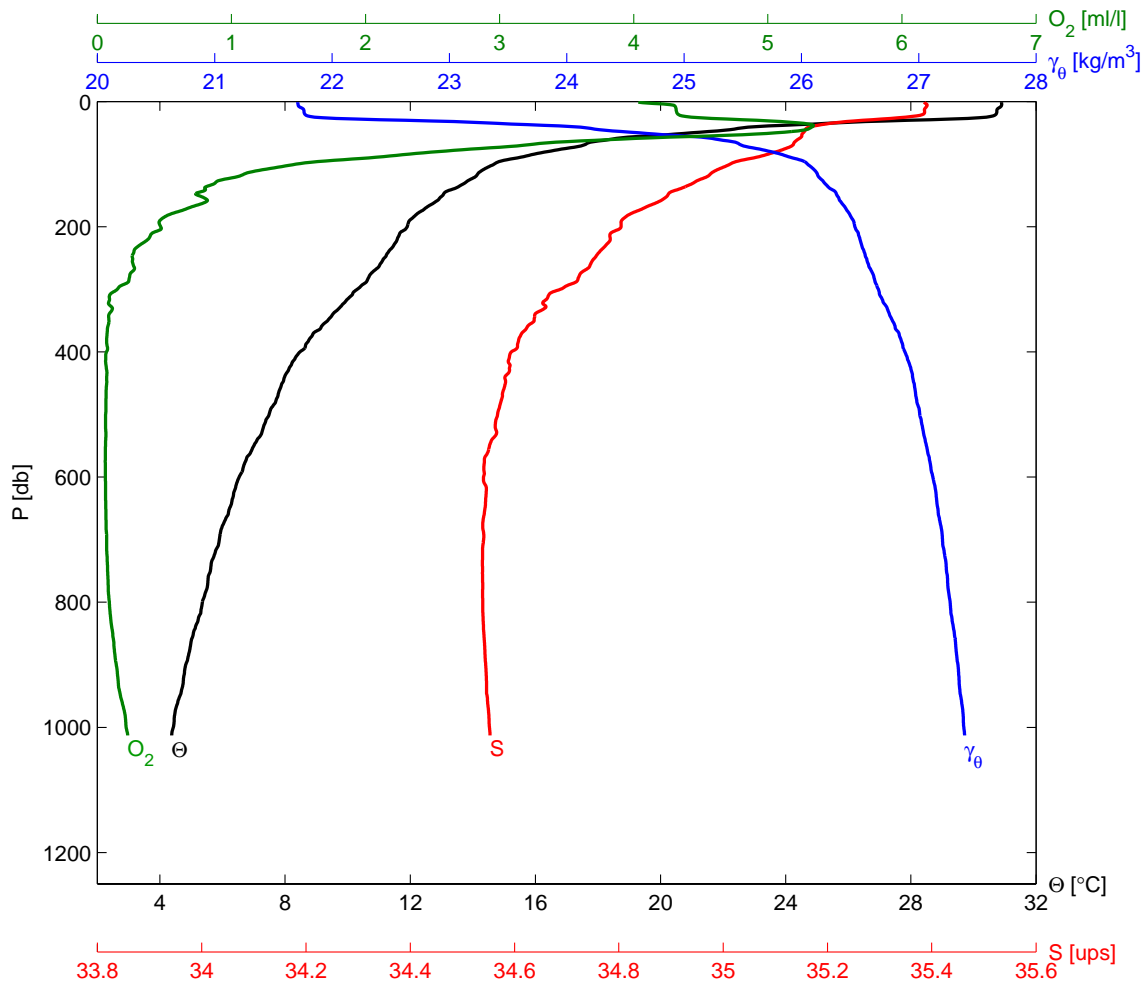
ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
I03	188		26 27.5		110 45.9		20	8	2004	0140
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
2486.0	31.2	35.42	77.4	30.6	2.6	195	9	1010.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	31.183	35.420	21.634	4.325	140.0	14.397	35.005	26.107	1.648	
5.0	31.146	35.415	21.644	4.330	160.0	13.927	34.981	26.189	1.493	
10.0	30.897	35.395	21.715	4.336	180.0	13.510	34.957	26.257	1.359	
20.0	30.770	35.375	21.744	4.361	200.0	13.012	34.905	26.318	1.036	
30.0	26.710	35.056	22.854	4.875	300.0	10.955	34.736	26.578	0.225	
40.0	21.613	34.889	24.243	4.256	400.0	9.297	34.651	26.797	0.143	
50.0	20.009	34.927	24.705	3.372	500.0	7.909	34.589	26.965	0.076	
60.0	18.455	34.924	25.102	2.771	600.0	6.712	34.550	27.104	0.062	
80.0	16.987	34.968	25.494	2.208	700.0	6.063	34.545	27.185	0.069	
100.0	15.853	34.963	25.754	1.883	800.0	5.203	34.538	27.286	0.106	
120.0	14.918	35.002	25.992	1.775	900.0	4.911	34.543	27.323	0.137	
986.0	4.576	34.548	27.365	0.189						



ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
I04	189	26 32.5	110 46.2	20	8	2004	0003		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
4.0	31.2	35.44	78.0	30.6	2.0	241	9	1011.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	31.173	35.439	21.652	4.305	160.0	13.314	34.905	26.257	0.992
5.0	31.123	35.438	21.669	4.309	180.0	12.922	34.883	26.319	0.838
10.0	30.983	35.435	21.715	4.314	200.0	12.611	34.865	26.366	0.760
20.0	30.690	35.404	21.794	4.419	300.0	10.821	34.737	26.603	0.288
30.0	26.246	35.186	23.099	5.077	400.0	8.985	34.625	26.828	0.072
40.0	21.800	34.984	24.263	4.563	500.0	7.730	34.579	26.984	0.064
50.0	19.269	35.030	24.976	3.721	600.0	6.843	34.560	27.094	0.068
60.0	17.571	35.008	25.384	2.721	700.0	5.852	34.541	27.209	0.070
80.0	15.953	35.017	25.773	2.081	800.0	5.309	34.536	27.271	0.097
100.0	14.988	34.993	25.970	1.725	900.0	4.825	34.544	27.334	0.147
120.0	14.406	34.975	26.082	1.540	1000.0	4.425	34.552	27.385	0.211
140.0	13.911	34.952	26.170	1.329	1004.0	4.408	34.552	27.387	0.217

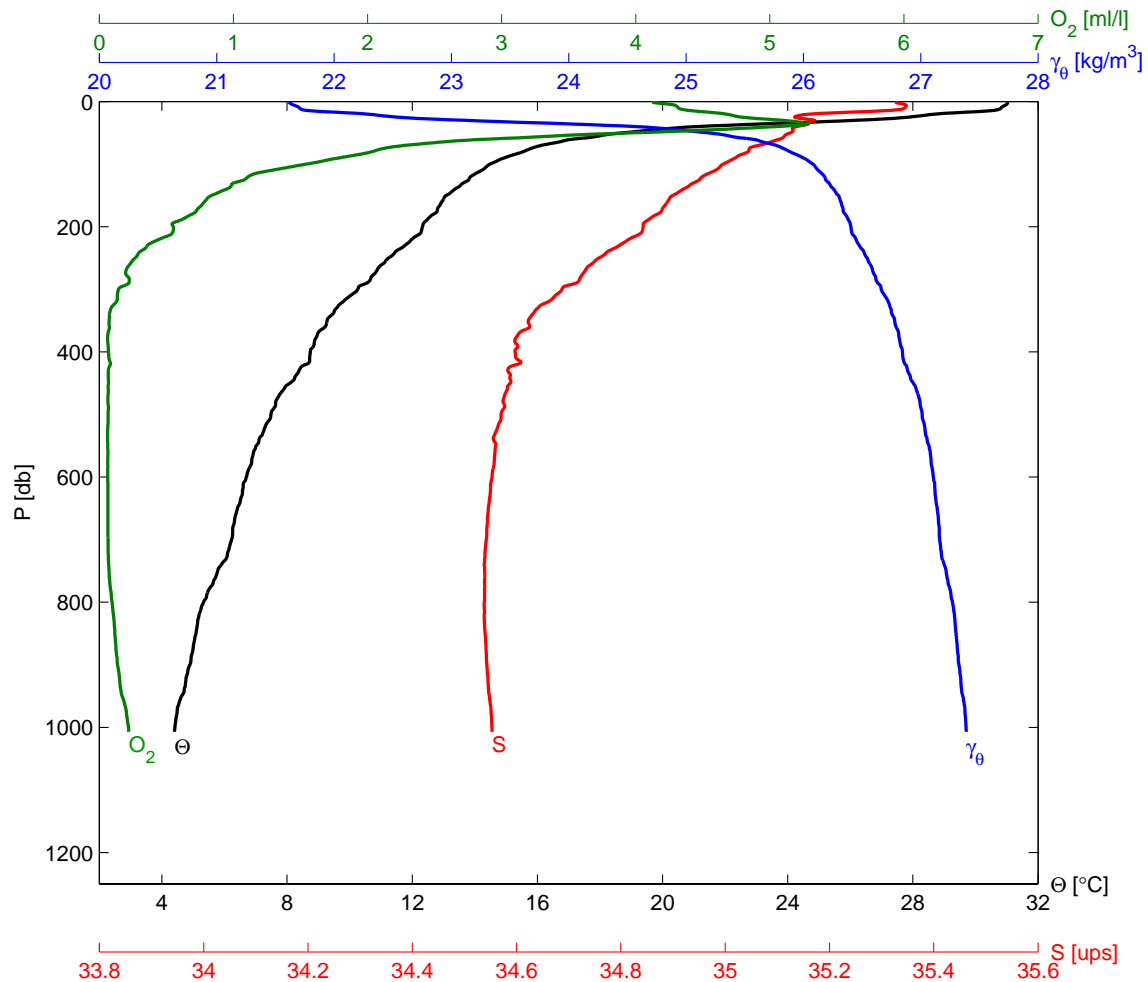


ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
I05	190	26 46.9	110 49.1	20	8	2004	0006		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
0.0	30.9	35.40	79.4	30.9	1.9	204	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.898	35.386	21.708	4.066	160.0	12.812	34.877	26.336	0.813
5.0	30.901	35.391	21.711	4.273	180.0	12.204	34.821	26.411	0.544
10.0	30.816	35.388	21.738	4.314	200.0	11.903	34.804	26.456	0.473
20.0	30.724	35.384	21.768	4.329	300.0	10.307	34.688	26.656	0.150
30.0	27.908	35.267	22.628	4.920	400.0	8.477	34.594	26.883	0.069
40.0	23.074	35.168	24.041	5.335	500.0	7.491	34.567	27.009	0.062
50.0	20.988	35.153	24.615	5.061	600.0	6.532	34.540	27.121	0.060
60.0	18.461	35.144	25.269	3.909	700.0	5.898	34.541	27.203	0.069
80.0	16.389	35.103	25.738	2.543	800.0	5.358	34.539	27.268	0.090
100.0	14.681	35.013	26.053	1.483	900.0	4.827	34.545	27.334	0.141
120.0	14.087	34.969	26.146	1.047	1000.0	4.427	34.552	27.384	0.215
140.0	13.365	34.916	26.254	0.805	1013.0	4.378	34.553	27.391	0.226

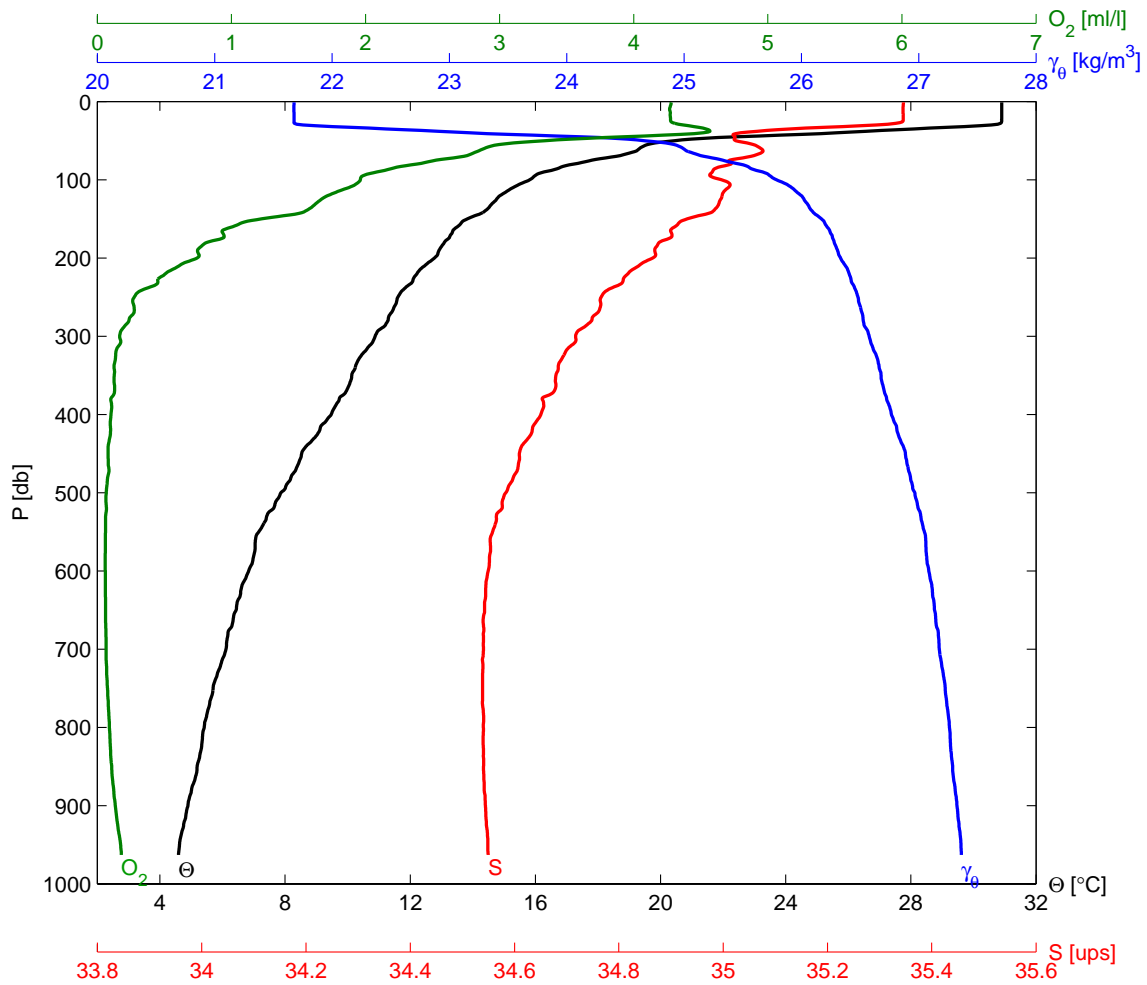




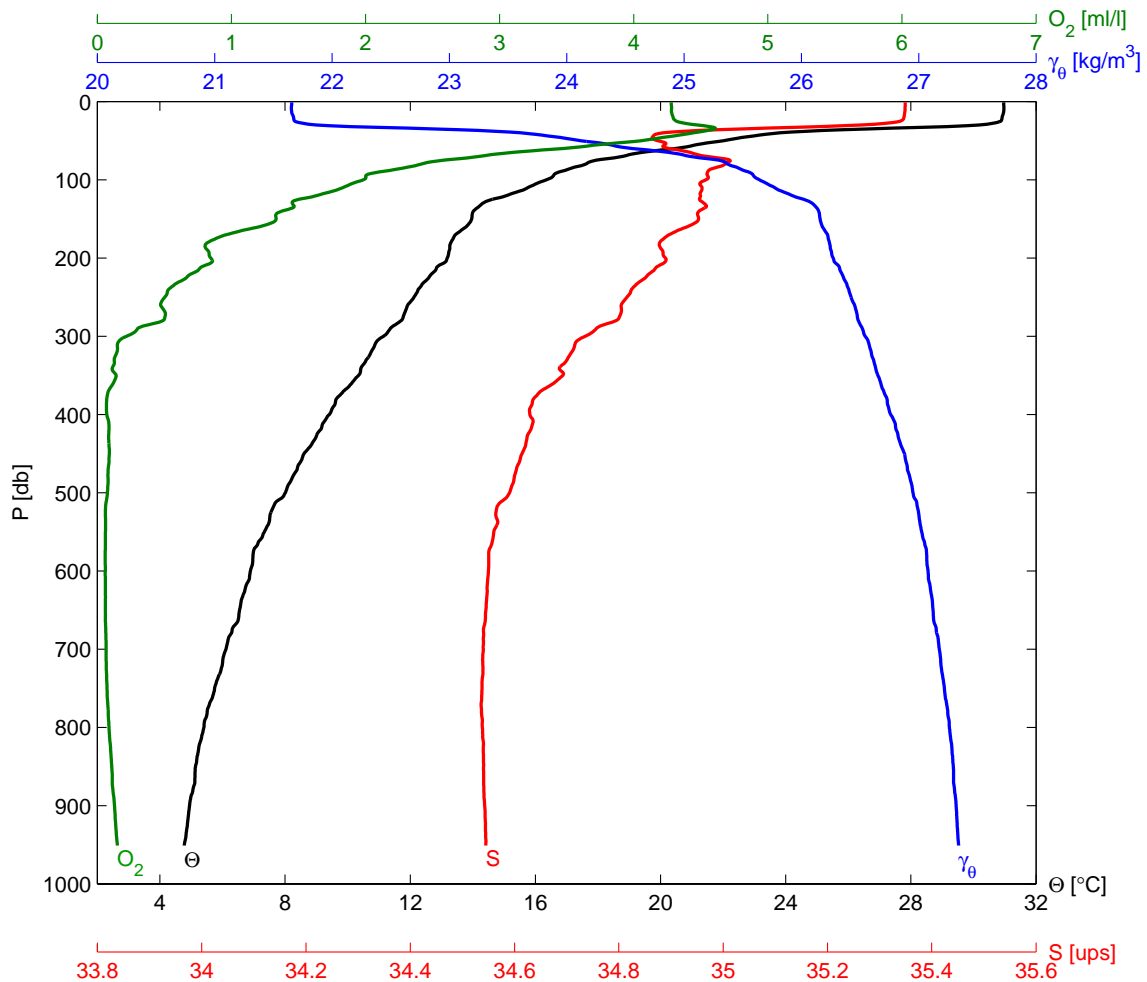
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
I06	191	26 56.6	110 50.4	20	8	2004	0008		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
7.0	31.0	35.35	73.2	31.1	1.4	206	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	31.025	35.328	21.620	4.142	160.0	12.949	34.890	26.318	0.786
5.0	30.986	35.346	21.648	4.274	180.0	12.679	34.870	26.357	0.691
10.0	30.821	35.345	21.704	4.316	200.0	12.326	34.843	26.405	0.552
20.0	28.714	35.161	22.282	4.674	300.0	10.260	34.687	26.663	0.143
30.0	26.177	35.173	23.111	5.097	400.0	8.741	34.597	26.844	0.068
40.0	21.091	35.137	24.575	5.047	500.0	7.484	34.570	27.012	0.065
50.0	18.736	35.125	25.185	3.984	600.0	6.699	34.553	27.108	0.063
60.0	17.154	35.105	25.559	2.909	700.0	6.226	34.542	27.162	0.065
80.0	15.554	35.044	25.884	2.035	800.0	5.328	34.538	27.271	0.095
100.0	14.480	34.996	26.083	1.543	900.0	4.894	34.543	27.325	0.136
120.0	13.868	34.956	26.182	1.111	1000.0	4.416	34.553	27.386	0.217
140.0	13.363	34.920	26.258	0.948	1007.0	4.402	34.553	27.388	0.220



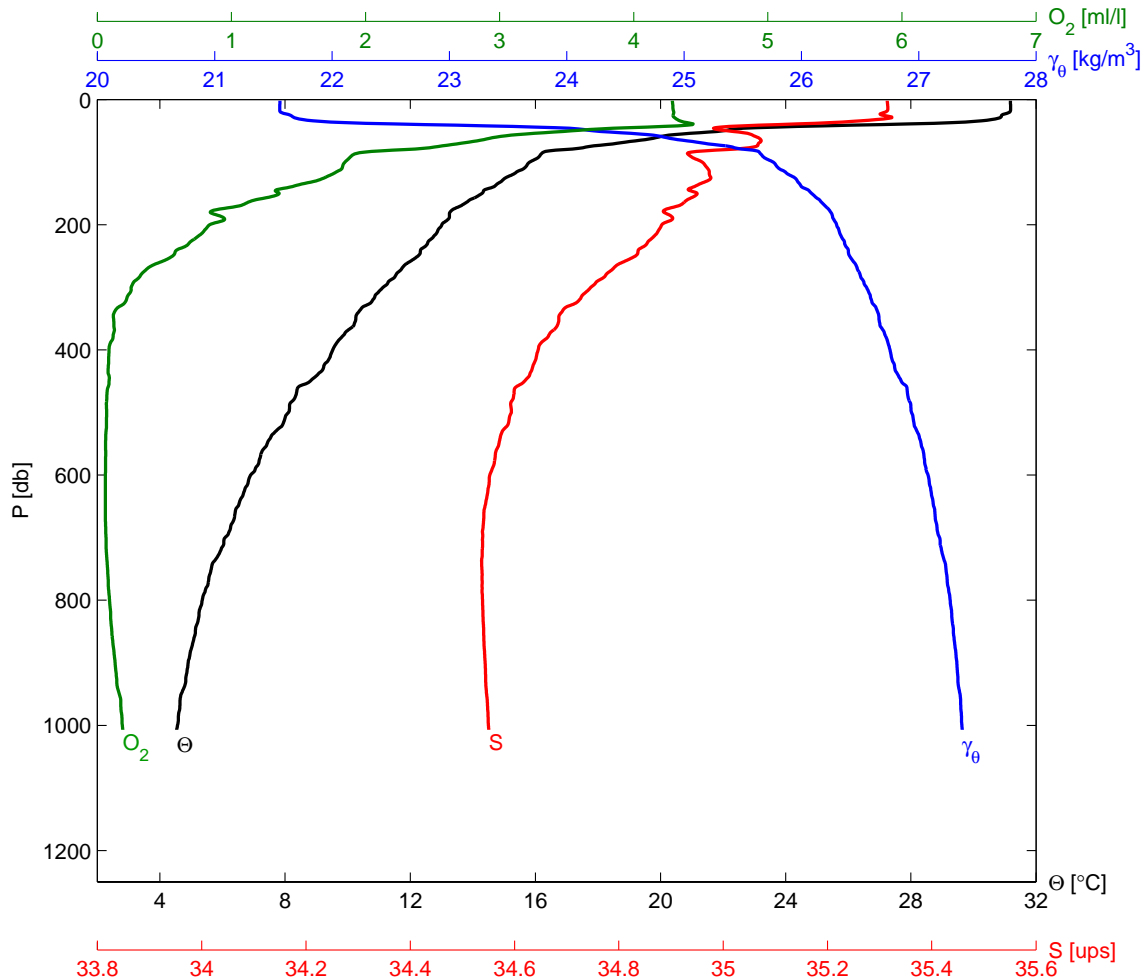
ESTACION	LANCE		LATITUD		LONGITUD		DD	MM	AA	H[UT]
I07	192		27	6.6	110 52.0		20	8	2004	1021
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM		
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]		
1654.0	30.9	35.35	84.1	29.3	4.0	127	9	1013.0		
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>	
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	
2.0	30.902	35.346	21.676	4.279	140.0	14.385	34.981	26.092	1.552	
5.0	30.903	35.345	21.676	4.275	160.0	13.509	34.908	26.218	1.009	
10.0	30.904	35.345	21.675	4.268	180.0	13.094	34.877	26.280	0.818	
20.0	30.901	35.345	21.677	4.274	200.0	12.771	34.865	26.335	0.744	
30.0	30.570	35.296	21.754	4.370	300.0	10.878	34.717	26.578	0.166	
40.0	25.637	35.032	23.172	4.519	400.0	9.476	34.650	26.767	0.102	
50.0	20.449	35.024	24.662	3.337	500.0	7.868	34.583	26.967	0.067	
60.0	19.327	35.072	24.994	2.885	600.0	6.837	34.549	27.086	0.059	
80.0	17.224	35.016	25.474	2.382	700.0	6.110	34.540	27.176	0.065	
100.0	15.823	34.997	25.786	1.962	800.0	5.416	34.540	27.262	0.090	
120.0	14.881	34.998	25.997	1.721	900.0	4.895	34.544	27.326	0.134	
963.0	4.594	34.549	27.364	0.180						



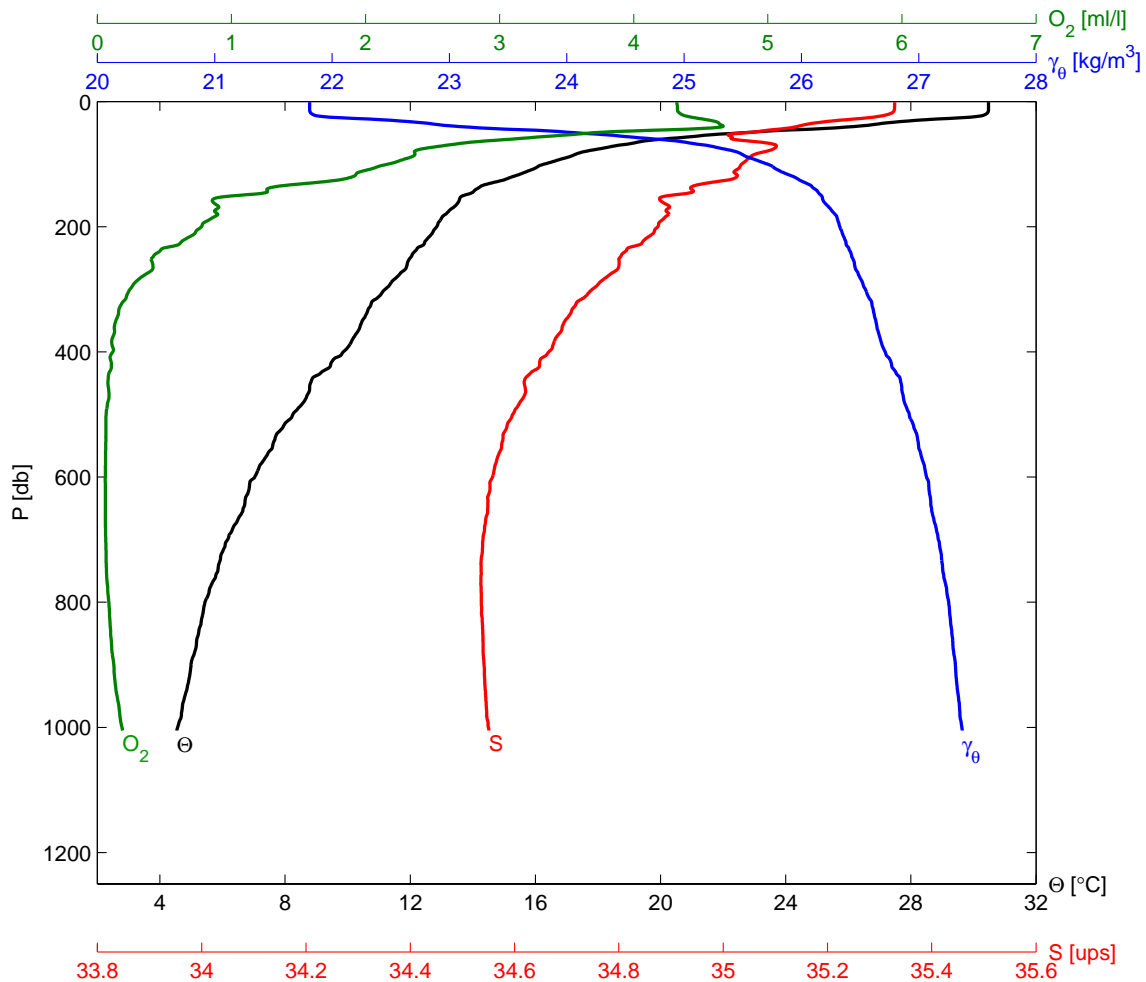
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
I08	193	27 12.0	110 55.4	20	8	2004	1153		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1588.0	31.0	35.35	81.1	29.4	2.4	150	9	1012.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.967	35.349	21.657	4.279	140.0	14.023	34.954	26.147	1.379
5.0	30.969	35.349	21.656	4.281	160.0	13.790	34.932	26.179	1.210
10.0	30.973	35.349	21.654	4.282	180.0	13.302	34.879	26.238	0.825
20.0	30.916	35.347	21.673	4.294	200.0	13.185	34.889	26.271	0.846
30.0	30.187	35.267	21.864	4.474	300.0	11.146	34.735	26.544	0.217
40.0	23.821	34.884	23.608	4.446	400.0	9.414	34.629	26.761	0.071
50.0	22.016	34.874	24.119	4.057	500.0	8.007	34.590	26.951	0.075
60.0	20.473	34.896	24.558	3.474	600.0	6.891	34.550	27.079	0.059
80.0	17.608	35.004	25.372	2.414	700.0	6.109	34.540	27.175	0.065
100.0	16.359	34.968	25.641	1.985	800.0	5.406	34.538	27.262	0.087
120.0	15.092	34.957	25.919	1.641	900.0	4.947	34.543	27.319	0.128
951.0	4.781	34.545	27.340	0.149					



ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
I09	194	27 20.1	110 54.9	20	8	2004	1346		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1458.0	31.2	35.32	77.3	29.9	1.7	174	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	31.180	35.315	21.556	4.288	160.0	13.917	34.932	26.153	1.186
5.0	31.180	35.315	21.557	4.289	180.0	13.270	34.886	26.250	0.842
10.0	31.187	35.316	21.555	4.292	200.0	13.012	34.882	26.300	0.838
20.0	31.158	35.311	21.561	4.298	300.0	11.132	34.746	26.555	0.252
30.0	30.788	35.319	21.697	4.311	400.0	9.526	34.645	26.755	0.088
40.0	27.046	35.105	22.784	4.439	500.0	8.109	34.594	26.939	0.070
50.0	22.003	35.008	24.224	3.539	600.0	6.901	34.553	27.080	0.060
60.0	19.939	35.065	24.828	2.975	700.0	6.081	34.539	27.178	0.065
80.0	16.918	35.006	25.539	2.291	800.0	5.351	34.539	27.268	0.091
100.0	15.816	34.960	25.760	1.846	900.0	4.903	34.544	27.325	0.133
120.0	15.269	34.974	25.893	1.745	1000.0	4.563	34.550	27.368	0.186
140.0	14.644	34.942	26.006	1.437	1007.0	4.539	34.551	27.371	0.189



ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
I10	195	27	26.6	110	54.5	20	8	2004	1527
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1385.0	30.5	35.33	78.0	30.3	2.4	135	9	1013.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.481	35.329	21.810	4.322	160.0	13.546	34.882	26.191	0.860
5.0	30.483	35.329	21.809	4.324	180.0	13.134	34.896	26.286	0.898
10.0	30.480	35.329	21.810	4.326	200.0	12.846	34.875	26.327	0.777
20.0	30.400	35.319	21.830	4.352	300.0	11.197	34.749	26.545	0.244
30.0	28.182	35.221	22.504	4.569	400.0	9.864	34.666	26.714	0.116
40.0	26.164	35.141	23.091	4.666	500.0	8.249	34.596	26.920	0.065
50.0	22.617	35.042	24.077	3.692	600.0	7.029	34.558	27.067	0.060
60.0	20.072	35.016	24.756	3.095	700.0	6.164	34.540	27.168	0.062
80.0	17.564	35.080	25.441	2.364	800.0	5.442	34.536	27.256	0.086
100.0	16.278	35.035	25.712	2.168	900.0	4.996	34.542	27.312	0.123
120.0	15.272	35.027	25.933	1.906	1000.0	4.567	34.550	27.368	0.184
140.0	14.112	34.939	26.117	1.265	1005.0	4.542	34.551	27.371	0.188



ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
I11	196	27 36.1	110 56.1	20	8	2004	1735		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
1102.0	30.6	35.33	78.4	30.0	1.4	120	9	1014.0	
PR	Θ	SA	γ	O <sub>2</sub>	PR	Θ	SA	γ	O <sub>2</sub>
[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]	[db]	[°C]	[ups]	[kg/m <sup>3</sup> ]	[ml/l]
2.0	30.565	35.321	21.775	4.341	160.0	13.647	34.918	26.198	1.072
5.0	30.471	35.320	21.806	4.349	180.0	13.409	34.910	26.241	0.991
10.0	30.377	35.316	21.836	4.354	200.0	12.735	34.848	26.329	0.642
20.0	29.953	35.281	21.955	4.473	300.0	11.094	34.742	26.558	0.231
30.0	26.422	35.149	23.015	4.726	400.0	9.627	34.674	26.761	0.192
40.0	23.228	35.010	23.877	4.507	500.0	8.017	34.590	26.949	0.070
50.0	21.119	34.978	24.446	3.476	600.0	6.927	34.556	27.080	0.061
60.0	19.851	35.042	24.834	3.018	700.0	6.160	34.541	27.170	0.064
80.0	17.590	35.048	25.410	2.509	800.0	5.529	34.540	27.248	0.086
100.0	16.241	35.039	25.723	2.157	900.0	5.116	34.544	27.301	0.118
120.0	15.258	35.002	25.917	1.851	1000.0	4.801	34.548	27.339	0.159
140.0	14.257	34.957	26.100	1.421	1005.0	4.802	34.548	27.339	0.159

