
**CTD/O₂ measurements
collected aboard the R/V Knorr,
February-March 2001:
REDSOX-1**

William Johns, Hartmut Peters, Rainer Zantopp

University of Miami
Rosenstiel School of Marine and Atmospheric Science

Amy Bower and David Fratantoni

Woods Hole Oceanographic Institution

University of Miami
RSMAS

Technical Report 2001-01

June 2001

CONTENTS

1. Introduction	1
2. Standards and Pre-Cruise Calibrations	2
2.1 Conductivity	2
2.2 Temperature	3
2.3 Pressure	4
2.4 Oxygen	5
3. Data Acquisition	5
3.1 Water Samples	6
3.2 Salinity Analyses	6
3.3 Oxygen Analyses	6
4. At Sea Processing of CTD Data	6
5. Post-Cruise Calibrations	8
5.1 Temperature	8
5.2 Conductivity	8
5.3 Oxygen	8
6. References	9
7. Acknowledgements	10

CTD/O₂ measurements collected aboard the R/V Knorr, February-March 2001: RED SEA OUTFLOW EXPERIMENT - REDSOX-1

by

William Johns¹, Hartmut Peters¹, Rainer Zantopp¹, Amy Bower² and David Fratantoni²

Abstract. Summaries of Conductivity-Temperature-Depth (CTD/O₂) measurements acquired on an oceanographic research cruise into the Gulf of Aden during February/March 2001 aboard the Woods Hole Oceanographic Institution ship *R/V Knorr* are presented. The data acquisition and processing system is described, and calibration procedures are documented. Station location, CTD/O₂ data listings and profiles are included for each station.

1. Introduction

The Red Sea Outflow Experiment (REDSOX) is a joint effort between the University of Miami's Rosenstiel School of Marine and Atmospheric Science and the Woods Hole Oceanographic Institution. The purpose of the program is to conduct measurements of the outflow of high salinity water from the Red Sea and its mixing with ambient waters in the Gulf of Aden. The program is funded by the United States National Science Foundation (NSF).

The main objectives of REDSOX are:

1. To describe the pathways and downstream evolution of the descending outflow plumes of Red Sea Water in the western Gulf of Aden
2. To quantify the processes that control the final depth of the equilibrated Red Sea Outflow Water, and
3. To identify the transport processes and mechanisms that advect Red Sea Outflow Water and its properties through the Gulf of Aden and into the Indian Ocean.

In order to achieve these objectives, fieldwork will be carried out during two cruises. This report describes the scientific research conducted during the first project cruise from 5 February to 15 March 2001 aboard the *R/V Knorr* (REDSOX-1). This cruise was timed to take place during the period of maximum deep outflow from the Red Sea, which occurs in boreal winter. The shipboard scientific activities consisted of three main components. First, a high-resolution hydrographic and direct current survey of the western Gulf of Aden was conducted to describe the three-dimensional water property distributions and circulation characteristics. Second, direct measurements of turbulent mixing were made to study the bottom stress and mixing processes in the descending plumes. Third, acoustically-tracked RAFOS floats were launched to observe the rates and pathways of Red Sea Outflow Water spreading, including some floats that were deployed in delayed release mode.

¹ University of Miami, Rosenstiel School of Marine and Atmospheric Science, Miami, FL 33149

² Woods Hole Oceanographic Institution, Woods Hole, MA 02543

REDSOX is intended to provide the first comprehensive description of the pathways, structure, and variability of the descending outflow plumes from the Red Sea and the equilibrated Red Sea Water mass as it enters the western Indian Ocean. Analysis of the experimental data will lead to a better understanding of mixing and spreading processes in dense overflows and a more detailed knowledge of the factors that control the final watermass characteristics of these outflows.

A total of 238 hydrographic (CTD) and direct current (LADCP) stations were occupied on the cruise. Appendix 1 contains the station locations, times and depths, and station maps are shown in Figures 1 and 2. At each station, profiles of temperature, salinity (conductivity), and dissolved oxygen concentration were collected to a depth of 2000 m or to within approximately 10 m of the bottom at shallower depths, using a Sea-Bird SBE-9plus CTD system. Water samples for calibration of the salinity and dissolved oxygen profiles were collected at about half of these stations. Current profiles were also measured using a lowered 300 kHz R.D. Instruments Acoustic Doppler Current Profiler (LADCP). This report contains CTD/O₂ data only.

2. Standards and Pre-Cruise Calibrations

The CTD/O₂ system is a real-time data acquisition system with the data from a Sea Bird Electronics, Inc. (SBE) 9plus underwater unit transmitted via a conducting cable to a SBE 11plus deck unit. The serial data from the underwater unit is sent to the deck unit in RS-232 NRZ format. The deck unit decodes the serial data and sends it to a personal computer for display and storage in a disk file using Sea-Bird SEASOFT software.

The SBE 911plus system transmits data from primary and auxiliary sensors in the form of binary numbers equivalent to the frequency or voltage outputs from those sensors. These are referred to as the raw data. The SBE software performs the calculations required to convert raw data to engineering units.

The SBE 911plus system is electrically and mechanically compatible with the standard, unmodified carousel water sampler, also made by Sea-Bird Electronics, Inc. A modem and carousel interface allows the 911plus system to control the operations of the carousel directly without interrupting the flow of data from the CTD.

The SBE 9plus underwater unit is configured with dual standard modular temperature (SBE 3) and conductivity (SBE 4) sensors, which are mounted near the lower end cap. The conductivity cell entrance is co-planar with the tip of the temperature sensor probe. The pressure sensor is mounted inside the underwater unit main housing. A centrifugal pump module flushes water through sensor tubing at a constant rate independent of the CTD's motion to improve dynamic performance. Dual dissolved oxygen sensors are added to the pumped sensor configuration following the temperature-conductivity (TC) pair.

2.1 Conductivity

The flow-through conductivity-sensing element is a glass tube (cell) with three platinum electrodes. The resistance measured between the center electrode and the end electrode pair is determined by the cell geometry and the specific conductance of the fluid within the cell, and controls the output frequency of a Wein Bridge circuit. The sensor has a frequency output of approximately 3 to 12

kHz corresponding to conductivity from 0 to 7 Siemens/meter (0 to 70 mmho/cm). The SBE 4 has a typical accuracy/stability of (0.0003 S/m and resolution of 0.00004 S/m at 24 scans per second.

One conductivity sensor was used during REDSOX-1 (serial number 2150). Pre-cruise sensor calibrations were performed at Sea-Bird Electronics, Inc. in Bellevue, Washington. The following coefficients were entered into SEASOFT using the software module SEACON:

Conductivity	s/n	42150
Sensor	Date	25 June 1998
	g	-1.04581675e+01
	h	1.47382749e00
	i	-4.07265689e-03
	j	3.8465829e-04
	ctcor	3.25e-06
	cpcor	-9.57e-08

Conductivity calibration certificates show an equation containing the appropriate pressure-dependent correction term to account for the effect of hydrostatic loading (pressure) on the conductivity cell:

$$C(S/m) = (g + hf^2 + if^3 + jf^4)/[10(1 + ctcor \times t + cpcor \times p)]$$

where $g, h, i, j, ctcor$ and $cpcor$ are the calibration coefficients shown above, f is the instrument frequency (kHz), t is the water temperature ($^{\circ}\text{C}$), and p is the water pressure (dbar). SEASOFT automatically implements this equation.

2.2 Temperature

The temperature-sensing element is a glass-coated thermistor bead, pressure protected by a stainless steel tube. The sensor output frequency ranges from 5-13 kHz, corresponding to temperatures ranging from -5 to 35 $^{\circ}\text{C}$. The output frequency is inversely proportional to the square root of the thermistor resistance, which controls the output of a patented Wein Bridge circuit. The thermistor resistance is exponentially related to temperature. The SBE 3 thermometer has a typical accuracy/stability of $\pm 0.004^{\circ}\text{C}$ per year and a resolution of 0.0003 $^{\circ}\text{C}$ at 24 samples per second. The SBE 3 thermometer has a fast response time of 0.070 seconds.

One temperature sensor was used during REDSOX-1 (Serial number 32511). Pre-cruise sensor calibrations were performed at Sea Bird Electronics, Inc. in Bellevue, Washington. The following coefficients were entered into SEASOFT and SEACON:

Temperature	s/n	32511
Sensor	Date	24 June 1998
	g	4.34571366e-03
	h	6.40213876e-04
	i	2.28497752e-05
	j	2.19616359e-06
	f ₀	1000.0

Temperature (ITS-90) is computed according to

$$T(^{\circ}C) = (1/(g + h\ln(f_o/f) + i\ln^2(f_o/f) + j\ln^3(f_o/f))) - 273.15$$

where g, h, i, j and f_0 are the calibration coefficients above and f is the instrument frequency (Hz). SEASOFT automatically implements this equation and converts between ITS-90 and IPTS-68 temperature scales as desired.

2.3 Pressure

The Paroscientific series 4000 Digiquartz high pressure transducer uses a quartz crystal resonator whose frequency of oscillation varies with pressure induced stress, measuring changes in pressure as small as 0.01 parts per million with an absolute range of 0 to 10,000 psia (0 to 6885 dbar). Repeatability, hysteresis, and pressure conformance are 0.002% FS. The nominal pressure frequency (0 to full scale) is 34 to 38 kHz. The nominal temperature frequency is 172 kHz + 50 ppm/ $^{\circ}C$.

The pressure sensor utilized during REDSOX-1 was serial number 70768. Pre-cruise sensor calibrations were performed at Sea-Bird Electronics, Inc. in Bellevue, Washington. The following coefficients were entered into SEASOFT using the module SEACON:

Pressure	s/n	70768
Sensor	Date	11 May 1998
	c_1	-5.006884e+04
	c_2	-1.104210e00
	c_3	1.561210e-02
	d_1	4.029500e-02
	d_2	0
	t_1	2.992485e+01
	t_2	-6.269641e-04
	t_3	4.621850e-06
	t_4	-1.599760e-09
	t_5	0
	AD590M	1.276324e-02
	AD590B	-9.680951
	offset	-0.7500

Pressure coefficients are first formulated into

$$c = c_1 + c_2U + c_3U^2$$

$$d = d_1 + d_2U$$

$$t_0 = t_1 + t_2U + t_3U^2 + t_4U^3$$

where U is temperature in $^{\circ}C$. Pressure is computed according to

$$P(\text{psia}) = c(1 - (t_0^2/t^2))(1 - d(1 - (t_0^2/t^2)))$$

where t is pressure periods (μsec). SEASOFT automatically implements this equation.

2.4 Oxygen

The SBE 13Y dissolved oxygen sensor (Yellow Springs Instrument (YSI)) uses a polarographic type element. Oxygen sensors determine the dissolved oxygen concentration by counting the number of oxygen molecules per second (flux) that diffuse through a membrane. By knowing the flux of oxygen and the geometry of the diffusion path, the concentration of oxygen can be computed. The permeability of the membrane to oxygen is a function of temperature and ambient pressure. The interface electronics output voltages are proportional to membrane current (oxygen current) and membrane temperature (oxygen temperature). Oxygen temperature is used for internal temperature compensation. Initial computation of dissolved oxygen in engineering units is done in the software. The range for dissolved oxygen is 0 to 670 $\mu\text{mol/kg}$; nominal accuracy is 4.45 $\mu\text{mol/kg}$; resolution is 0.4 $\mu\text{mol/kg}$. Response times are roughly 2 seconds at 25°C and 5 seconds at 0°C.

One oxygen sensor was used during REDSOX-1 (Serial number 130522). The membrane was exchanged following cast 116. Bottle and CTD data were compared in two subsets, casts 001-116 and 117-236. The following oxygen calibrations were entered into SEASOFT using SEACON:

Oxygen	s/n	130522	
Sensor	Date	17 Jan 2001	
	Casts	001-116	117 -236
	m	1.0068e-5	
	b	-9.0616e-9	
	soc	0.0790	0.0850
	boc	-0.0110	0.0080
	tcor	-3.10e-2	-3.10e-2
	pcor	1.90e-4	1.80e-4
	tau	2.0	
	wt	0.85	
	k	6.5703	
	c	-1.5626	

The use of these constants in linear equations of the form $I = mV + b$ and $T = kV + c$ yield sensor membrane current and temperature (with maximum error of about 0.5°C) as a function of sensor output voltage.

3. Data Acquisition

Our SBE 9plus CTD/O₂ s/n 09P16805-0511 (sampling rate 24Hz) was mounted in a 12-position sub-compact SBE-32 carousel and employed as the primary package. Auxiliary sensors included a 300 kHz lowered RDI acoustic Doppler current profiler (LADCP) and a Kongsberg Simrad altimeter model 807 (s/n 9811060). Water samples were collected using the SBE bottle carousel and 1.5 liter Niskin bottles. Data from the primary sensor package was used for all final data in this report.

The package entered the water from the starboard side of the ship and was immediately lowered to a depth of 10 m for at least 1 minute to activate the pump. The package was then raised to just below the surface and data acquisition was begun for the downcast. The package was lowered at a rate of 30 m/min to 100 m and 60 m/min generally to within 10 meters of the bottom, slowing on the approach. The altimeter monitored the position of the package relative to the bottom.

Upon completion of the cast, sensors were flushed and kept wet with a dilute Triton-X solution in the plumbing.

A SBE 11plus deck unit received the data signal from the CTD. Digitized data were forwarded to a personal computer equipped with SEASOFT acquisition and processing software version 4.234. Preliminary temperature, salinity, and oxygen profiles were displayed in real time.

3.1 Water samples

Water samples were collected by the rosette sampler at 118 of the 238 CTD stations occupied during this cruise for the purpose of calibrating the salinity and dissolved oxygen sensors. A maximum of eight samples was collected at each station. Water for dissolved oxygen analysis was drawn from each Niskin bottle as soon as possible after the cast was on deck. This was followed by collection of water for measurement of salinity. All samples were analyzed within 24 hours of collection.

3.2 Salinity Analyses

Salinity measurement was done on a Guildline Autosol model 8400A salinometer. Room temperature was maintained at $22\pm 2^\circ\text{C}$. The Autosol bath temperature was set to 24°C . Salinity samples were allowed to reach room temperature before measurement. IAPSO standard water batch P-137 was used to standardize the Autosol through station 202. Thereafter, batch 38H5 (high salinity IAPSO standard water) was used. On March 3, 2001, the Autosol began displaying very erratic values. A longterm salt water leak was discovered inside the instrument, with a large accumulation of dry salt. After cleaning the instrument was again usable but had a noticeable, but calibratable shortterm drift which lasted two days. After thoroughly drying out the Autosol returned to normal operation and functioned well for the remainder of the cruise.

3.3 Oxygen Analyses

Dissolved oxygen measurement was done using an automated Winkler titration system developed at Woods Hole Oceanographic Institution. This uses an amperometric, calculated endpoint detection scheme on 50 ml aliquots (as opposed to the more common method using a colorimetric endpoint on whole bottle samples). The system is described in the WHOI Technical Report No. 90-35. All reagents and the Potassium Biiodate standard were prepared at Woods Hole prior to the cruise. No problems were encountered and this system worked dependably throughout the cruise.

4. At Sea Processing of CTD Data

SEASOFT consists of modular menu-driven routines for acquisition, display, processing, and archiving of oceanographic data acquired with SBE equipment. The software is designed to work with a PC. Raw data are acquired from the instruments and are stored in an unmodified format. The conversion module DATCNV uses the instrument configuration and pre-cruise factory calibration coefficients to create a converted engineering unit data file that is utilized by all SEASOFT post processing modules. Unless otherwise noted, all calibration parameters given are factory default values recommended by Sea Bird Electronics, Inc. The following is the SEASOFT processing module sequence and specifications used in the reduction of CTD/O₂ data from the cruise:

1. DATCNV converted the raw data to pressure, temperature, conductivity, oxygen current, and oxygen temperature. DATCNV also extracted bottle information where scans were marked with a bottle confirmation bit during acquisition.
2. ALIGNCTD aligned conductivity, temperature, and oxygen in time relative to pressure to ensure that all calculations were made using measurements from the same parcel of water, which minimized salinity spiking and density errors. The SBE 11plus deck unit has factory settings to advance the primary conductivity cell; therefore, ALIGNCTD was not performed on this cell. The secondary conductivity cell, however, is not advanced in the deck unit and so was advanced 0.073 seconds in the ALIGNCTD module. Since the SBE3 temperature sensor response is fast, (0.06 seconds), it was not necessary to advance temperature relative to pressure. The oxygen sensor was advanced 3 seconds in ALIGNCTD.
3. WILDEDIT marked extreme outliers in the data files. The first pass of WILDEDIT obtained an accurate estimate of the true standard deviation of the data. The data were read in blocks of 100 scans. Data greater than 2 standard deviations were flagged. The second pass computed a standard deviation over the same 100 scans excluding the flagged values. Values greater than 20 standard deviations were marked as bad values.
4. CELLTM used a recursive filter to remove conductivity cell thermal mass effects from measured conductivity. Both conductivity cells were epoxy coated; the thermal anomaly amplitude (α) and time constant ($1/\beta$) were 0.03 and 9.0, respectively for each sensor.
5. ROSSUM created a summary of the bottle data. Bottle position, date, and time were output automatically. Pressure, temperature, conductivity, salinity, oxygen current, and oxygen temperature were averaged over a 2 second interval from 5 to 3 seconds prior to the confirm bit.
6. FILTER performed two low-pass filters on pressure data with a time constant of 0.15 and 0.03 seconds, respectively. A recursive filter is used to eliminate time shifts.
7. LOOPEDIT marked data scans where the CTD package was moving less than a minimum velocity of 0.25 m/s or travelling backwards due to ship roll.
8. DERIVE was used to compute the time rate of change of oxygen current (dox/dt) and oxygen ($\mu\text{mol/kg}$) with a time window size of 2 seconds. It also computes salinity and other oceanographic parameters (e.g. density, sound velocity, etc.)
9. BINAvg averaged the data into 1 decibar (dbar) pressure bins starting at 1 dbar with no surface bin. The center value of the first bin was set to equal the bin size. Scans with pressure values greater than the minimum and less than or equal to the maximum were averaged. Scans were interpolated so that a data record existed for every decibar. The number of points averaged in each bin was added to the variables listed in the data file.
10. STRIP writes an output file with relevant oceanographic parameters (pressure, temperature, salinity, oxygen, density and sound velocity) only.
11. SPLIT grouped data into up cast (pressure decreasing) and down cast (pressure increasing) files.

5. Post-Cruise Calibrations

5.1 Temperature

A post-cruise calibration (dated 27-April-2001) was performed on this sensor (s/n 03P2511), indicating an overall drift of +0.00062°C/yr since the previous calibration on 24-June-1998. The accuracy of the temperature calibration by Sea-Bird is 0.0005°C or better. Therefore the accuracy of the temperature measurement is estimated to be approx. 0.001°C.

5.2 Conductivity

Conductivity slope and bias were computed by a least-squares minimization of CTD and bottle conductivity differences. The function minimized was

$$C_b - (mC_c + b)$$

where C_b is bottle conductivity (S/m), C_c is pre-cruise calibrated CTD conductivity (S/m), m is the conductivity slope, and b is the bias (S/m). The fit was repeated with rejection of outliers outside a 3-std.dev. window until convergence. The final conductivity C (S/m) is

$$C = mC_c + b$$

Two groups of casts were used which yielded slightly different best fit calibration parameters. The two groups were casts 1-116 and 117-238. respectively.

Conductivity calibration	Casts	001-116	117-238
	slope m	1.000084	1.000296
	offset b	0.000727	0.000580
	std. dev. of fit	0.000882	0.000425
	total no. of points	357	415
	no. of points used	320	367

CTD-bottle conductivity differences for both sets of casts were plotted against station number (Figures 3a and 3c, respectively). CTD-bottle conductivity differences were also plotted against pressure, for upcast data (Figures 3b and 3d, respectively). The accuracy of the CTD conductivity values after this calibration procedure is estimated to be 0.001 S/m or better. Final salinity values were determined according to the UNESCO 1983 polynomial (Fofonoff and Millard, 1983); their accuracies are estimated to be 0.0015 psu or better.

5.3 Oxygen

The dissolved oxygen sensor calibration was done according to the algorithm by Owens and Millard (1985):

$$Ox = [Soc \times (oc + tau \times doc/dt) + Boc] \times OXSAT(T, s) \times exp(tcor \times [T + wt \times (T_0 - T)]) + pcor \times p$$

where the calibration parameters to be determined are:

Soc (Oxygen current slope)
 Boc (Oxygen current offset)
 Pcor (Pressure coefficient)
 Tcor (Temperature coefficient)

A nominal value of $wt=0.85$ was used for the wt parameter (page 3, Application Note 13-1, rev. C, Sea-Bird SBE 9plus CTD System Operating and Repair Manual).

A least squares minimization process was performed using the observed bottle oxygen values, in two steps. Approximate best-fit values for Soc and Boc were first determined for nominal (factory) values for Pcor and Tcor. Following this, a brute force iterative scheme was used to determine the simultaneous best fit values for all four parameters.

The oxygen sensor was calibrated separately for two groups of stations, necessitated by a routine change of the YSI sensor membrane and electrolyte fluid following station 116. The calibration coefficients were as follows:

Oxygen calibration	Casts	001-116	117-236
	offset b	0.005472	-0.003805
	std. dev. of fit	0.058048	0.040705
	Soc	0.079	0.085
	Boc	0.011	0.010
	Tcor	-0.031	-0.031
	Pcor	0.00019	0.00017
	total no. of points	294	477
	no. of points used	177	401

CTD-bottle oxygen differences for both sets of casts were plotted against station number (Figures 4a and 4c, respectively). CTD-bottle oxygen differences were also plotted against pressure, for upcast data (Figures 4b and 4d, respectively).

The accuracy of the final CTD dissolved oxygen values is estimated to be 0.1 ml/l ($\sim 5 \mu\text{mol/kg}$) or better.

6. References

- Fofonoff, P., and R. Millard Jr., 1983. Algorithms for computation of fundamental properties of seawater. UNESCO Technical Paper in Marine Science, No. 44, 53pp.
- Knapp, G.P., M.C. Stalcup, and R.J. Stanley, 1990. Automated oxygen titration and salinity determination. Woods Hole Oceanographic Institution Technical Report WHOI-90-35, 25 pp.
- Owens, W.B., and R. Millard, Jr, 1985. A new algorithm for CTD oxygen calibration. J. Phys. Oceanogr., (15): 621-631.
- SBE 9plus CTD System Operating and Repair Manual. 1998, Sea-Bird Electronics, Inc., 1808 136th Place NE, Bellevue, Washington, 98005.
- SEASOFT CTD Acquisition Software Manual. 1994, Sea-Bird Electronics, Inc., 1808 136th Place NE, Bellevue, Washington, 98005.

7. Acknowledgements

The support and able assistance provided by the Captain and crew of the R/V *Knorr* is gratefully acknowledged. Financial support for this research was provided by the U.S. National Science Foundation under grant OCE-9819506 to the University of Miami and OCE-9818464 to the Woods Hole Oceanographic Institution. We wish to thank the Republic of Yemen, the Republic of Djibouti, and the State of Eritrea for their cooperation on this project and for granting permission to carry out research in their territorial waters.

Appendix 1.

CTDO/LADCP stations occupied during REDSOX-1 in February and March 2001.

Stn. No.	Date	Time GMT	Latitude N		Longitude E		Water Depth	Cast Depth
			Deg	Minutes	Deg	Minutes		
1	14-Feb-01	1211	05	27.39	049	52.05	3996	800.4
2	14-Feb-01	1524	05	30.29	049	51.52	3283	1198.3
3	17-Feb-01	0836	11	48.47	046	42.27	1775	1768.8
4	17-Feb-01	1858	12	45.34	045	52.23	1243	1224.5
5	18-Feb-01	0604	11	28.45	045	10.82	1576	1568.0
6	18-Feb-01	1152	12	1.65	044	31.22	1347	1342.5
7	18-Feb-01	1427	12	11.00	044	20.19	648	643.3
8	18-Feb-01	1603	12	10.99	044	17.92	719	715.5
9	18-Feb-01	1741	12	10.99	044	15.96	720	716.3
10	18-Feb-01	1925	12	10.98	044	13.97	614	608.9
11	18-Feb-01	2054	12	10.99	044	11.98	522	517.4
12	18-Feb-01	2258	12	13.13	044	4.65	498	494.0
13	19-Feb-01	0030	12	15.39	044	0.09	404	400.7
14	19-Feb-01	0217	12	12.77	043	54.03	470	457.6
15	19-Feb-01	0353	12	9.14	043	48.59	434	430.7
16	19-Feb-01	0545	12	8.34	043	46.59	613	608.0
17	19-Feb-01	0729	12	7.48	043	44.87	363	358.0
18	19-Feb-01	0856	12	6.92	043	43.34	466	462.0
19	19-Feb-01	1013	12	6.52	043	41.99	452	449.6
20	19-Feb-01	1133	12	6.05	043	40.59	331	326.8
21	19-Feb-01	1251	12	5.57	043	39.00	295	289.8
22	19-Feb-01	1406	12	5.70	043	36.57	253	247.9
23	19-Feb-01	1527	12	6.02	043	33.26	207	203.3
24	19-Feb-01	1636	12	6.48	043	30.34	157	143.3
25	19-Feb-01	1858	11	59.96	043	43.74	1561	1552.9
26	19-Feb-01	2051	12	3.32	043	42.77	961	949.2
27	19-Feb-01	2316	12	13.07	043	40.18	452	448.7
28	20-Feb-01	0134	12	22.10	043	37.79	384	380.0
29	20-Feb-01	0340	12	27.42	043	32.23	290	284.0
30	20-Feb-01	0518	12	31.64	043	25.15	320	289.0
31	20-Feb-01	0658	12	34.44	043	18.07	313	303.0
32	20-Feb-01	1049	12	46.29	043	16.59	207	205.1
33	20-Feb-01	1155	12	45.61	043	15.03	179	175.5
34	20-Feb-01	1258	12	45.08	043	13.74	177	167.9
35	20-Feb-01	1632	12	30.47	043	35.72	356	340.6
36	20-Feb-01	1837	12	23.70	043	46.99	491	487.2
37	20-Feb-01	2111	12	22.71	044	1.80	552	545.0
38	21-Feb-01	2350	12	16.24	044	14.99	798	794.0
39	21-Feb-01	0159	12	7.28	044	17.02	925	920.0
40	21-Feb-01	0347	12	2.19	044	17.69	1281	1278.0

Stn. No.	Date	Time GMT	Latitude N		Longitude E		Water Depth	Cast Depth
			Deg	Minutes	Deg	Minutes		
41	21-Feb-01	0612	12	2.21	044	5.88	1276	1264.0
42	21-Feb-01	0822	12	1.23	043	54.51	1228	1222.0
43	21-Feb-01	1012	12	5.05	043	50.49	911	906.8
44	21-Feb-01	1730	12	20.99	043	38.51	379	375.1
45	21-Feb-01	1920	12	18.57	043	33.09	230	225.1
46	21-Feb-01	2016	12	19.20	043	34.52	302	299.2
47	21-Feb-01	2122	12	19.86	043	35.80	362	359.0
48	21-Feb-01	2256	12	20.45	043	37.36	320	307.0
49	21-Feb-01	2348	12	20.92	043	38.51	379	374.0
50	22-Feb-01	0113	12	21.44	043	39.30	312	308.0
51	22-Feb-01	0235	12	18.56	043	33.16	233	229.0
52	22-Feb-01	0324	12	19.25	043	34.49	306	301.3
53	22-Feb-01	0420	12	19.70	043	35.76	369	364.0
54	22-Feb-01	0540	12	20.47	043	37.41	319	311.0
55	22-Feb-01	0636	12	21.05	043	38.55	378	375.0
56	22-Feb-01	0742	12	23.06	043	37.09	398	392.0
57	22-Feb-01	0915	12	18.81	043	39.29	390	384.6
58	22-Feb-01	1228	12	23.69	043	50.08	475	468.3
59	22-Feb-01	1541	12	19.02	043	48.89	239	233.8
60	22-Feb-01	1639	12	21.03	043	49.37	288	283.9
61	22-Feb-01	1800	12	22.48	043	49.67	401	396.2
62	22-Feb-01	1908	12	23.52	043	49.98	470	462.1
63	22-Feb-01	2047	12	24.57	043	50.42	450	447.2
64	22-Feb-01	2305	12	20.98	043	49.40	289	276.0
65	23-Feb-01	0018	12	22.47	043	49.66	399	396.2
66	23-Feb-01	0133	12	23.49	043	50.03	467	461.4
67	23-Feb-01	0315	12	24.63	043	50.38	413	409.2
68	23-Feb-01	0500	12	23.71	043	47.05	495	490.0
69	23-Feb-01	0635	12	23.67	043	52.82	504	501.3
70	23-Feb-01	0814	12	17.60	043	47.17	361	357.0
71	23-Feb-01	0925	12	15.54	043	44.58	335	330.9
72	23-Feb-01	1054	12	14.12	043	42.23	359	354.3
73	23-Feb-01	1202	12	12.97	043	40.24	451	446.2
74	23-Feb-01	1344	12	12.28	043	38.72	342	337.1
75	23-Feb-01	1500	12	12.02	043	36.00	233	226.0
76	23-Feb-01	1617	12	11.94	043	32.46	187	179.3
77	23-Feb-01	2013	12	26.15	043	42.72	296	292.1
78	23-Feb-01	2134	12	25.20	043	42.20	420	415.0
79	23-Feb-01	2254	12	23.99	043	41.64	351	341.4
80	24-Feb-01	0015	12	22.01	043	40.50	323	318.0
81	24-Feb-01	0447	12	16.97	044	14.72	780	768.2
82	24-Feb-01	0903	12	20.83	044	8.19	649	644.3
83	24-Feb-01	1114	12	18.32	044	13.54	708	703.7
84	24-Feb-01	1406	12	13.50	044	16.57	721	719.6
85	24-Feb-01	1539	12	11.02	044	17.76	718	716.9

Stn. No.	Date	Time GMT	Latitude N		Longitude E		Water Depth	Cast Depth
			Deg	Minutes	Deg	Minutes		
86	24-Feb-01	1706	12	7.57	044	18.17	780	776.6
87	24-Feb-01	1851	12	5.85	044	9.66	990	974.6
88	24-Feb-01	2035	12	9.58	044	3.04	502	494.4
89	24-Feb-01	2236	12	5.88	044	1.97	985	980.6
90	25-Feb-01	0023	12	7.67	043	55.48	525	518.2
91	25-Feb-01	0156	12	2.00	043	52.38	1182	1164.0
92	25-Feb-01	0452	12	0.01	043	34.88	1004	995.0
93	25-Feb-01	0600	11	55.66	043	30.84	1616	1595.0
94	25-Feb-01	0819	11	55.95	043	23.38	1024	1020.8
95	25-Feb-01	0959	11	47.41	043	30.22	415	379.5
96	25-Feb-01	1205	11	54.99	043	45.77	809	788.7
97	25-Feb-01	1424	11	53.80	043	56.00	539	519.3
98	25-Feb-01	1608	11	56.92	044	6.11	876	827.8
99	25-Feb-01	1819	11	57.52	044	18.30	886	874.1
100	25-Feb-01	2005	12	5.17	044	18.05	1194	1171.1
101	25-Feb-01	2217	12	17.01	044	14.76	768	778.4
102	26-Feb-01	0300	12	19.96	044	29.98	544	534.3
103	26-Feb-01	0427	12	14.98	044	29.99	743	740.9
104	26-Feb-01	0543	12	10.00	044	30.00	754	737.1
105	26-Feb-01	0725	12	2.47	044	29.99	1360	1373.7
106	26-Feb-01	0923	11	56.01	044	29.81	787	783.5
107	26-Feb-01	1042	11	53.78	044	27.69	845	833.0
108	26-Feb-01	1218	11	50.46	044	20.08	766	760.1
109	26-Feb-01	1417	11	46.44	044	11.66	686	678.7
110	26-Feb-01	1555	11	42.14	044	2.45	578	567.6
111	26-Feb-01	1736	11	37.84	043	53.64	470	458.7
112	26-Feb-01	1853	11	35.11	043	48.21	415	400.6
113	26-Feb-01	2002	11	32.99	043	43.89	305	300.1
114	26-Feb-01	2049	11	31.00	043	41.01	247	241.3
115	26-Feb-01	2358	11	5.01	043	50.01	264	244.5
116	27-Feb-01	0101	11	7.55	043	53.17	426	417.9
117	27-Feb-01	0202	11	8.37	043	54.40	525	509.6
118	27-Feb-01	0315	11	12.12	043	58.14	569	560.0
119	27-Feb-01	0506	11	19.93	044	6.12	586	580.5
120	27-Feb-01	0645	11	26.79	044	13.82	690	677.5
121	27-Feb-01	0841	11	34.25	044	21.38	784	771.0
122	27-Feb-01	1032	11	41.38	044	28.70	837	826.0
123	27-Feb-01	1234	11	48.01	044	36.60	892	882.2
124	27-Feb-01	1417	11	52.62	044	42.16	906	890.8
125	27-Feb-01	1549	11	56.69	044	44.93	908	890.8
126	27-Feb-01	1715	11	59.25	044	44.98	1184	1169.3
127	27-Feb-01	1844	12	2.17	044	45.06	1290	1280.8
128	27-Feb-01	2010	12	7.53	044	45.08	1190	1176.3
129	27-Feb-01	2153	12	13.49	044	45.02	916	904.8
130	27-Feb-01	2330	12	22.53	044	44.96	702	686.7

Stn. No.	Date	Time GMT	Latitude N		Longitude E		Water Depth	Cast Depth
			Deg	Minutes	Deg	Minutes		
131	28-Feb-01	0108	12	25.81	044	45.60	512	498.8
132	28-Feb-01	0312	12	32.43	044	59.94	529	503.0
133	28-Feb-01	0440	12	26.59	045	0.05	814	800.8
134	28-Feb-01	0558	12	18.33	045	0.05	977	964.4
135	28-Feb-01	0831	12	4.25	044	59.86	1032	1015.3
136	28-Feb-01	1022	11	58.89	044	59.96	1190	1185.8
137	28-Feb-01	1306	11	53.35	044	59.85	920	917.0
138	28-Feb-01	1458	11	44.09	044	59.84	1138	1124.1
139	28-Feb-01	1718	11	33.92	044	59.96	1439	1434.6
140	28-Feb-01	1907	11	38.48	044	52.44	1160	1149.4
141	28-Feb-01	2053	11	43.69	044	44.28	996	992.2
142	28-Feb-01	2251	11	35.74	044	36.93	912	897.6
143	01-Mar-01	0114	11	27.47	044	29.99	870	868.1
144	01-Mar-01	0254	11	22.00	044	37.01	976	964.3
145	01-Mar-01	0453	11	16.99	044	44.22	1111	1107.0
146	01-Mar-01	0641	11	11.47	044	50.96	1331	1320.7
147	01-Mar-01	0904	10	59.21	044	45.73	1341	1332.1
148	01-Mar-01	1058	11	1.60	044	37.11	1125	1111.7
149	01-Mar-01	1252	11	4.01	044	28.21	927	916.6
150	01-Mar-01	1437	11	6.12	044	19.84	785	771.2
151	01-Mar-01	1617	11	7.99	044	13.92	715	704.4
152	01-Mar-01	1747	11	9.88	044	5.80	643	632.5
153	01-Mar-01	2008	10	53.57	044	14.53	781	771.4
154	01-Mar-01	2241	10	37.67	044	21.91	688	680.0
155	01-Mar-01	2359	10	40.82	044	24.42	817	805.6
156	02-Mar-01	0121	10	44.51	044	27.03	911	903.5
157	02-Mar-01	0308	10	51.77	044	32.30	1084	1074.0
158	02-Mar-01	0535	10	43.81	044	47.21	1189	1171.0
159	02-Mar-01	0815	10	32.31	045	0.15	603	570.0
160	02-Mar-01	0941	10	41.81	045	0.02	1165	1157.5
161	02-Mar-01	1136	10	48.47	045	0.01	1347	1338.1
162	02-Mar-01	1323	10	55.83	044	59.99	1413	1393.1
163	02-Mar-01	1536	11	7.55	044	59.92	1485	1473.7
164	02-Mar-01	1739	11	18.57	044	59.96	1478	1466.0
165	02-Mar-01	2241	10	57.47	045	29.90	1365	1348.4
166	03-Mar-01	0018	11	2.34	045	29.96	1483	1479.0
167	03-Mar-01	0209	11	8.65	045	29.96	1622	1603.5
168	03-Mar-01	0430	11	18.05	045	29.90	1725	1711.7
169	03-Mar-01	0634	11	30.07	045	30.00	1765	1747.0
170	03-Mar-01	0905	11	42.04	045	29.98	1724	1713.9
171	03-Mar-01	1120	11	53.61	045	30.02	1159	1156.5
172	03-Mar-01	1401	11	58.96	045	29.94	1150	1145.9
173	03-Mar-01	1555	12	7.34	045	29.98	1044	1034.1
174	03-Mar-01	1749	12	18.03	045	30.00	1180	1177.0
175	03-Mar-01	2003	12	30.01	045	29.97	1205	1198.8

Stn. No.	Date	Time GMT	Latitude N		Longitude E		Water Depth	Cast Depth
			Deg	Minutes	Deg	Minutes		
176	03-Mar-01	2206	12	41.87	045	30.00	1009	1003.5
177	03-Mar-01	2359	12	52.48	045	29.95	499	481.3
178	04-Mar-01	0421	13	12.17	045	59.79	1107	1089.7
179	04-Mar-01	0625	13	0.03	045	59.84	1195	1191.9
180	04-Mar-01	0837	12	47.97	045	59.99	1360	1354.5
181	04-Mar-01	1055	12	35.85	045	59.96	1452	1449.6
182	04-Mar-01	1305	12	24.05	046	0.11	1499	1497.5
183	04-Mar-01	1523	12	11.96	046	0.02	1329	1326.2
184	04-Mar-01	1735	11	59.90	046	0.11	1523	1508.5
185	04-Mar-01	1958	11	47.95	045	59.88	1650	1648.8
186	04-Mar-01	2225	11	36.22	045	59.97	1865	1861.7
187	05-Mar-01	0111	11	24.06	045	59.89	1844	1840.4
188	05-Mar-01	0340	11	12.02	045	59.96	1718	1714.5
189	05-Mar-01	0543	11	5.01	045	59.96	1548	1545.7
190	05-Mar-01	0722	11	0.02	045	59.91	1326	1322.9
191	05-Mar-01	0917	10	57.83	045	59.72	994	972.7
192	05-Mar-01	1302	11	8.77	045	30.15	1606	1601.7
193	05-Mar-01	1504	11	8.24	045	22.46	1612	1600.1
194	05-Mar-01	1658	11	8.13	045	14.91	1575	1572.1
195	05-Mar-01	1858	11	7.52	045	8.02	1525	1520.2
196	05-Mar-01	2143	11	7.57	045	0.02	1470	1467.3
197	05-Mar-01	2350	11	7.06	044	52.86	1399	1395.9
198	06-Mar-01	0308	11	22.51	045	10.95	1561	1558.2
199	06-Mar-01	0534	11	14.36	045	5.39	1532	1526.4
200	06-Mar-01	0831	10	59.95	045	14.02	1487	1485.2
201	06-Mar-01	1255	11	15.07	045	20.98	1648	1643.1
202	06-Mar-01	2335	11	24.01	047	14.12	1869	1865.9
203	07-Mar-01	0225	11	27.63	047	11.06	1932	1926.0
204	07-Mar-01	0436	11	33.97	047	5.78	2034	2005.8
205	07-Mar-01	0651	11	40.53	046	59.97	2093	2001.7
206	07-Mar-01	0900	11	50.04	046	59.98	2114	2000.0
207	07-Mar-01	1128	12	0.10	046	59.97	1912	1900.4
208	07-Mar-01	1404	12	15.08	046	59.90	2555	1991.0
209	07-Mar-01	1649	12	30.15	046	59.86	2130	1994.9
210	07-Mar-01	1938	12	45.08	046	59.95	1715	1711.2
211	07-Mar-01	2209	13	0.46	047	0.02	1617	1613.5
212	08-Mar-01	0041	13	10.99	047	0.11	1429	1424.3
213	08-Mar-01	0228	13	19.33	047	0.07	889	886.7
214	08-Mar-01	0847	13	44.88	048	0.00	914	908.3
215	08-Mar-01	1117	13	30.00	048	0.10	1868	1863.2
216	08-Mar-01	1401	13	14.97	047	59.96	2090	1953.2
217	08-Mar-01	1652	12	59.97	047	59.98	2120	1995.9
218	08-Mar-01	1929	12	44.94	047	59.93	1517	1506.5
219	08-Mar-01	2213	12	29.98	047	59.87	1899	1894.2
220	09-Mar-01	0106	12	14.94	047	59.90	2279	2001.5

Stn. No.	Date	Time GMT	Latitude N		Longitude E		Water Depth	Cast Depth
			Deg	Minutes	Deg	Minutes		
221	09-Mar-01	0355	11	59.95	048	0.01	2207	2000.3
222	09-Mar-01	0642	11	44.95	048	0.02	2021	2000.5
223	09-Mar-01	0904	11	34.01	047	59.98	1678	1670.9
224	09-Mar-01	1059	11	25.99	048	0.01	1248	1246.2
225	09-Mar-01	1231	11	21.61	047	59.97	961	957.1
226	09-Mar-01	2216	12	33.53	049	0.02	2627	1991.0
227	10-Mar-01	0219	12	43.03	049	30.04	2178	2001.6
228	10-Mar-01	1030	12	52.03	050	0.18	2466	1995.5
229	10-Mar-01	1450	13	1.56	050	37.19	2022	1993.0
230	10-Mar-01	1936	13	29.02	051	15.07	1673	1663.0
231	10-Mar-01	2235	13	11.58	051	15.23	4213	1995.0
232	11-Mar-01	0158	12	57.05	051	14.77	2325	1999.0
233	11-Mar-01	0456	12	34.83	051	15.26	939	929.0
234	11-Mar-01	0828	12	53.18	051	40.12	2218	2001.9
235	11-Mar-01	1545	11	47.21	051	47.57	680	673.9
236	11-Mar-01	1707	11	51.25	051	53.56	1138	1135.9
237	11-Mar-01	1831	11	55.04	051	59.56	1124	1118.0
238	11-Mar-01	1959	11	59.41	052	6.06	1089	1079.0

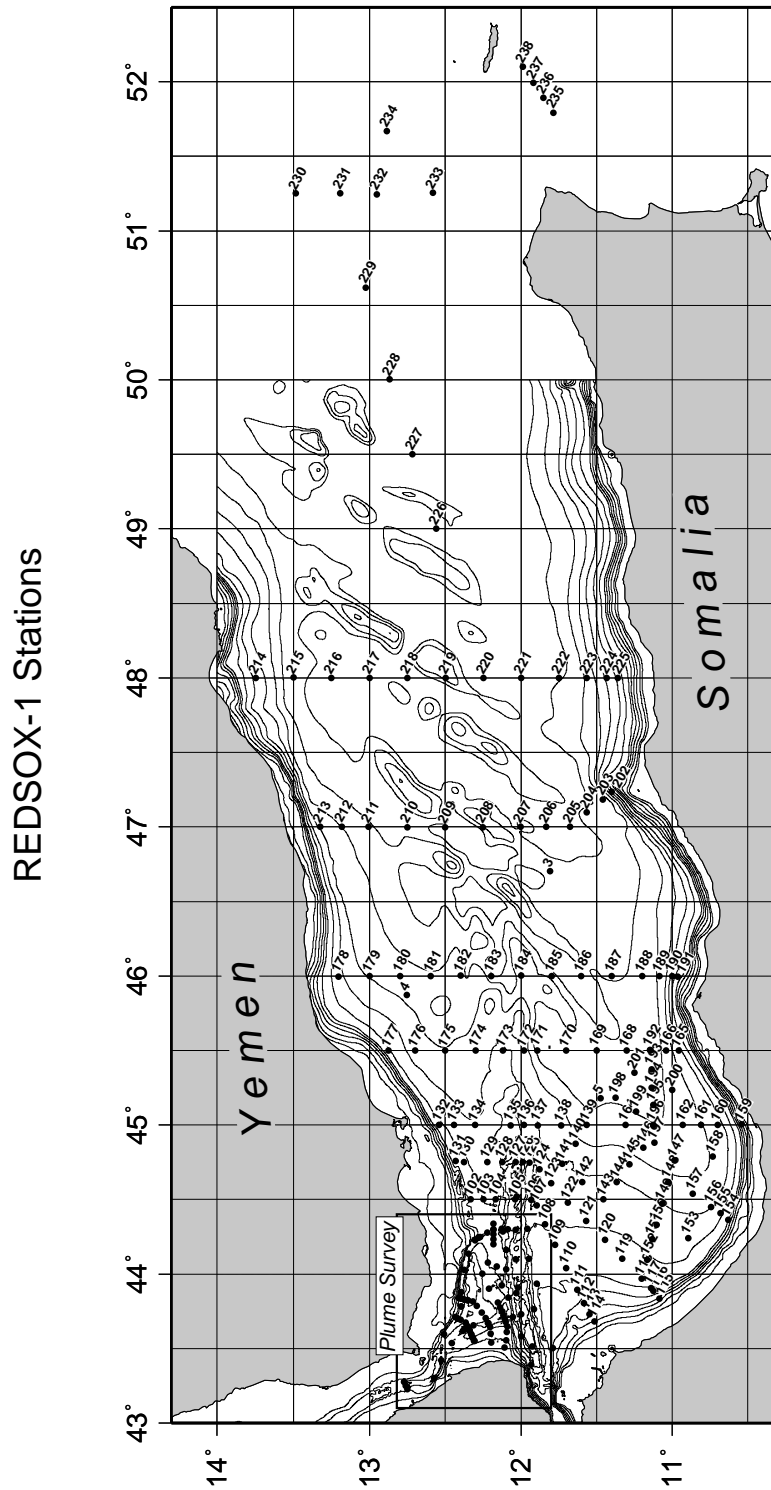


Figure 1: Location of CTD-O₂/LADCP stations during REDSOX-1 in the Gulf of Aden. An extended view of the Plume Survey in the western Gulf of Aden is shown in Figure 2.

REDSOX-1 Stations - Plume Survey

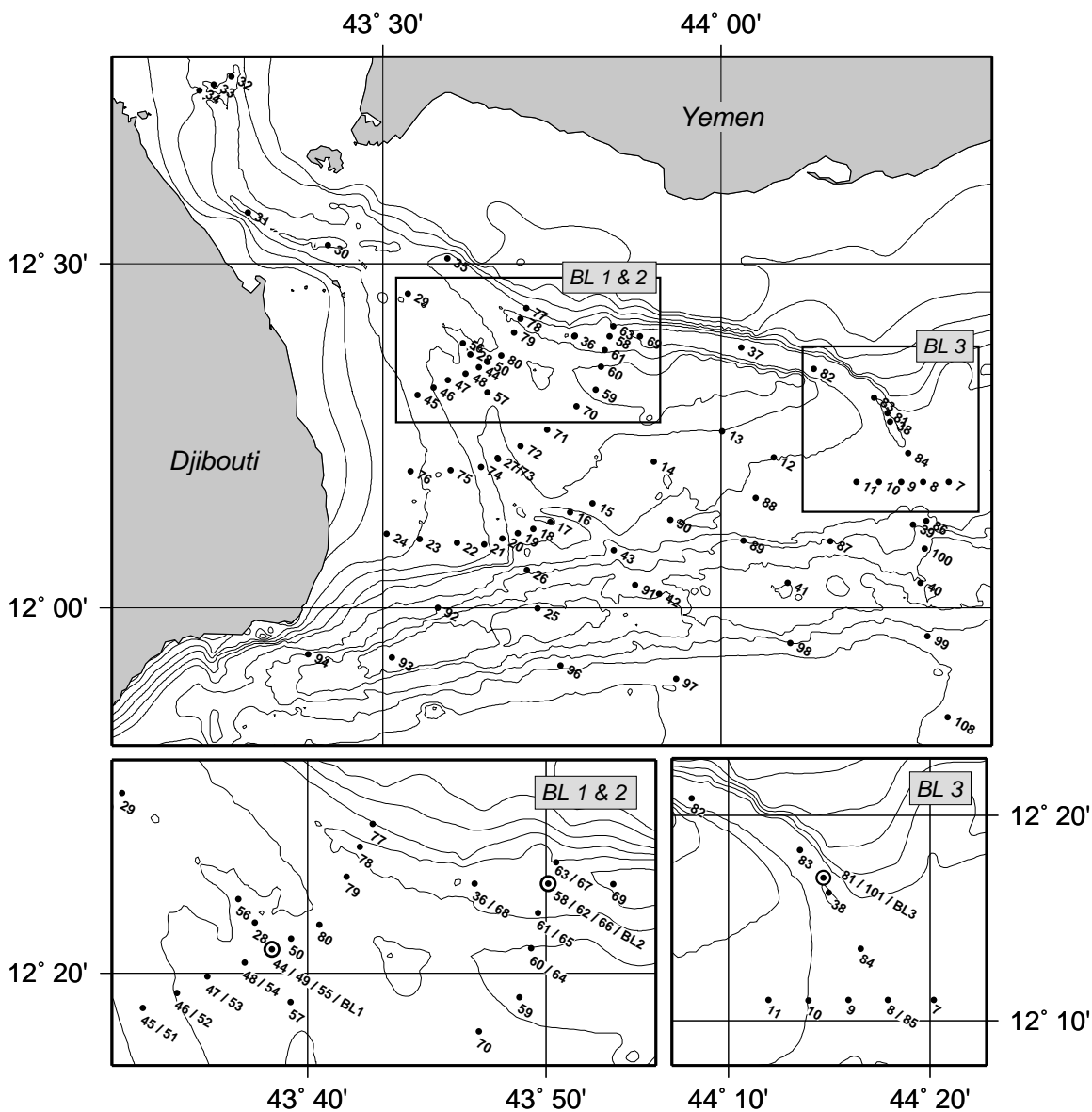


Figure 2: Extended view of CTD-O₂/LADCP stations during the Plume Survey in the western Gulf of Aden, including additional enlargements of Bottom Lander sites BL1 and BL2 (bottom left) and BL3 (bottom right).

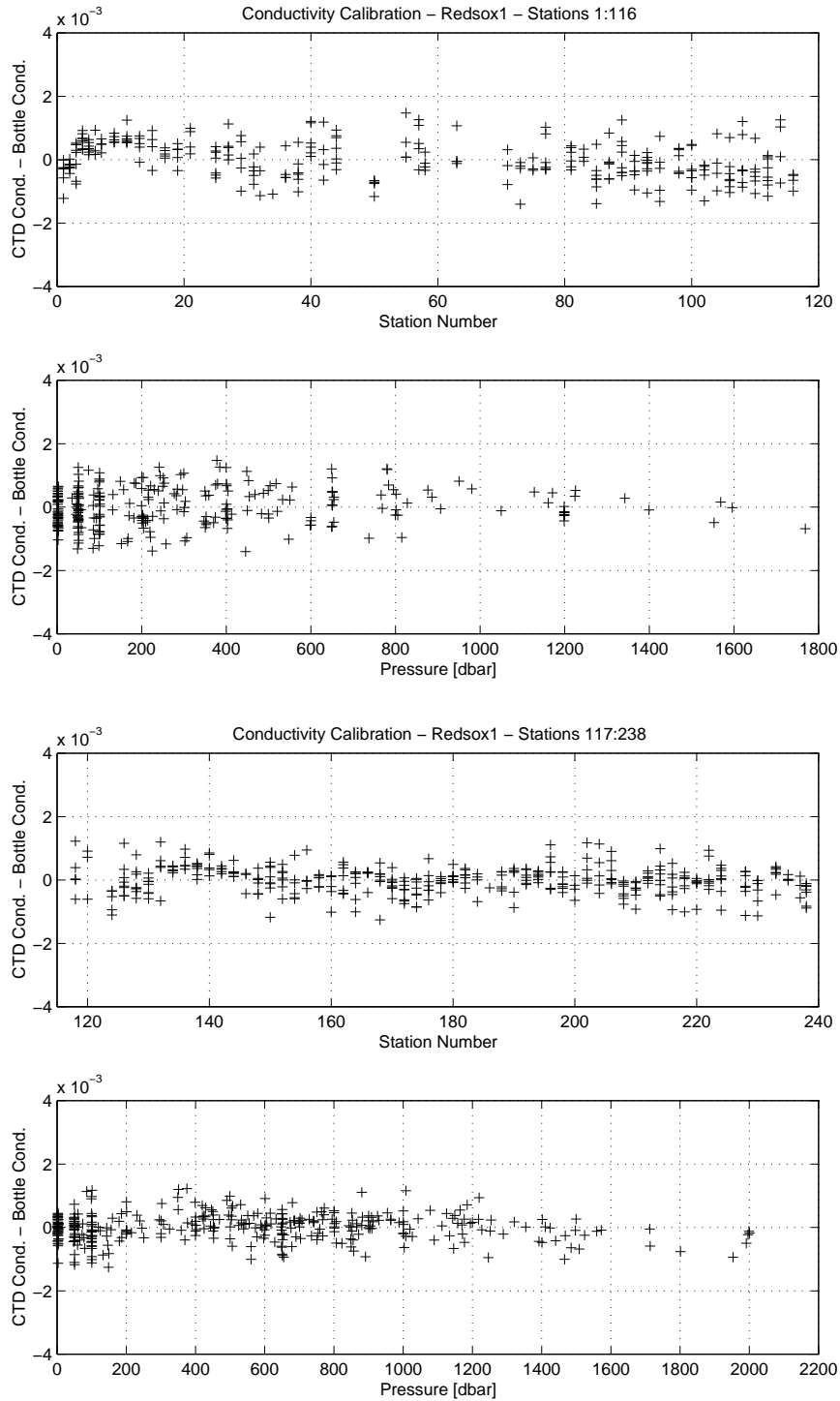


Figure 3: (a) Conductivity differences between bottles and CTD vs. station number for casts 1-116; (b) Conductivity differences between bottles and CTD vs. depth for casts 1-116; (c) Conductivity differences between bottles and CTD vs. station number for casts 117-238; (d) Conductivity differences between bottles and CTD vs. depth for casts 117-238;

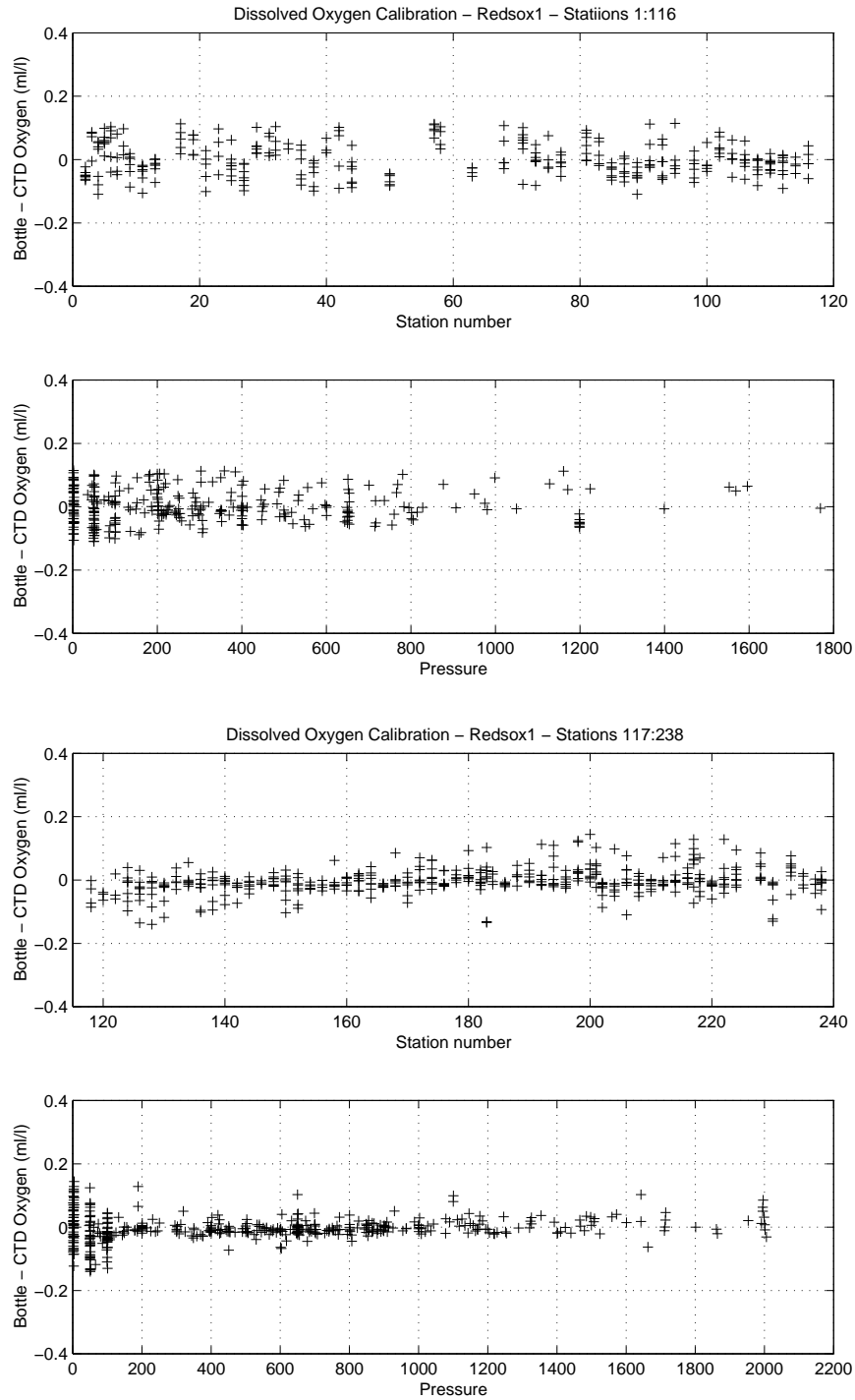


Figure 4: (a) Oxygen differences between bottles and CTD vs. station number for casts 1-116; (b) Oxygen differences between bottles and CTD vs. depth for casts 1-116; (c) Oxygen differences between bottles and CTD vs. station number for casts 117-238; (d) Oxygen differences between bottles and CTD vs. depth for casts 117-238;

Appendix 2:
CTD Station Data

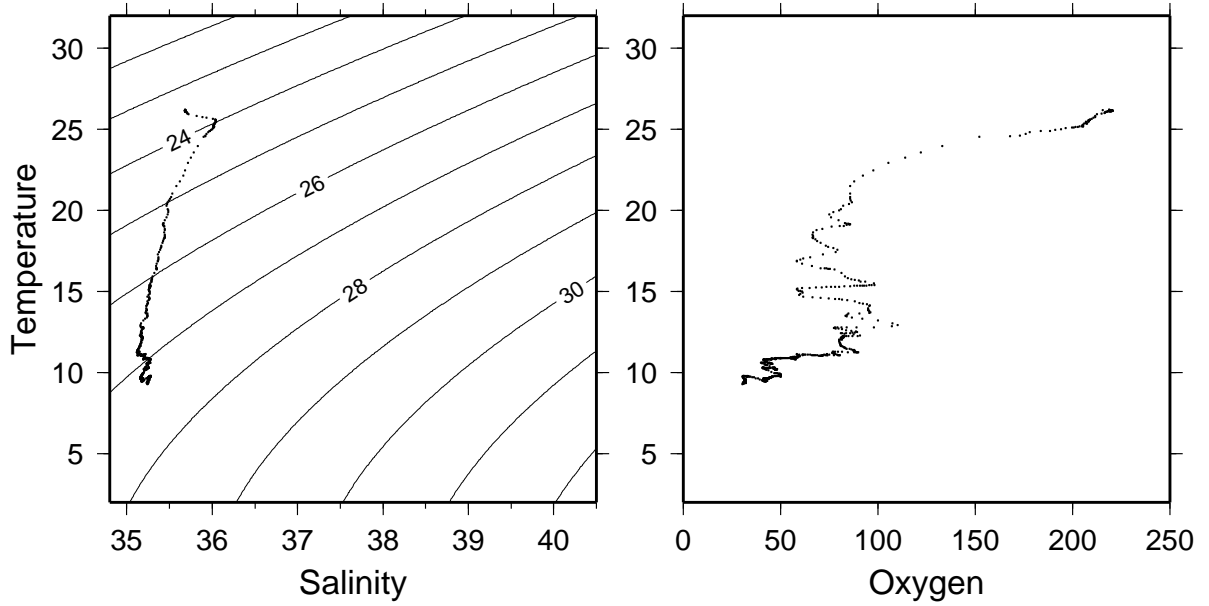
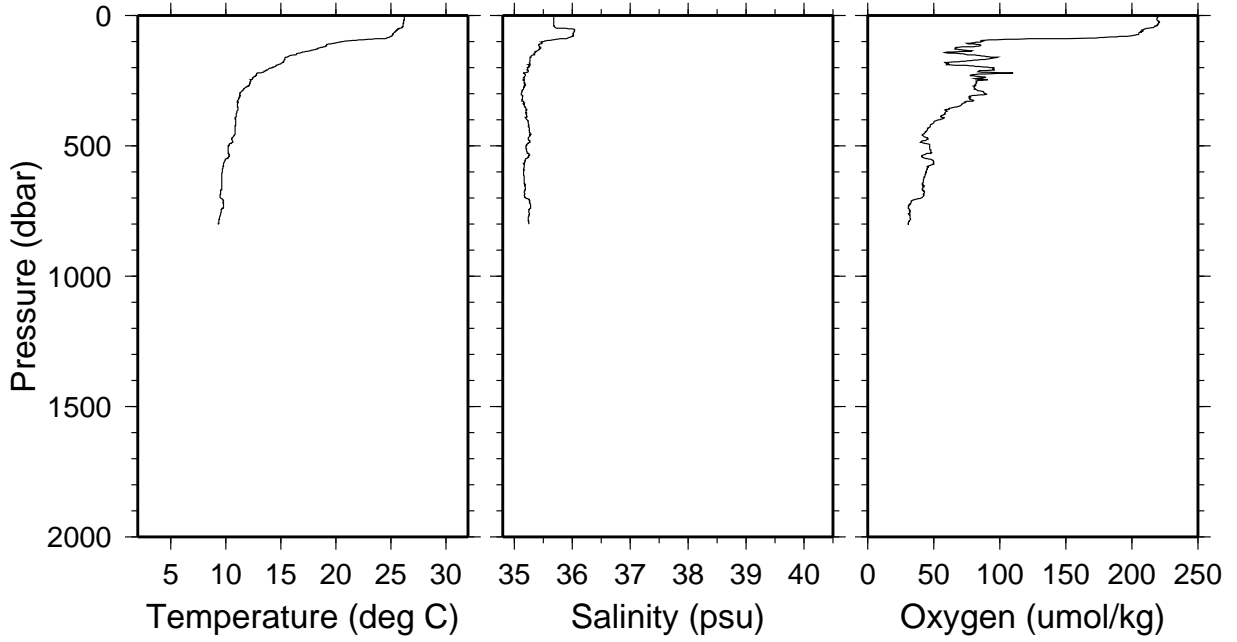
Redsox-1 **Station 001**
Latitude: 5° 27.39 N
Longitude: 049° 52.05 E
Date: 14-02-2001 1211 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.196	26.194	35.683	219.3	23.488
20	26.149	26.145	35.680	219.9	23.501
30	26.129	26.122	35.680	220.1	23.508
40	26.102	26.093	35.683	218.1	23.520
50	25.743	25.732	35.887	211.5	23.787
60	25.458	25.445	36.042	206.8	23.993
70	25.201	25.186	36.015	205.2	24.051
80	25.013	24.995	36.000	193.9	24.099
90	23.569	23.550	35.784	122.1	24.368
100	20.606	20.587	35.494	86.0	24.982
110	19.219	19.199	35.430	83.0	25.299
120	18.991	18.969	35.440	76.1	25.366
130	18.219	18.196	35.431	67.8	25.554
140	17.041	17.018	35.368	61.7	25.793
150	16.388	16.364	35.352	75.2	25.934
160	15.501	15.477	35.274	97.8	26.077
170	15.333	15.307	35.273	85.7	26.115
180	15.178	15.151	35.263	58.8	26.141
190	14.645	14.616	35.260	66.2	26.257
200	14.224	14.195	35.240	94.3	26.331
250	12.245	12.212	35.167	83.8	26.678
300	11.265	11.227	35.120	89.0	26.828
350	11.074	11.030	35.180	67.3	26.911
400	10.889	10.840	35.219	54.0	26.976
450	10.821	10.765	35.265	43.3	27.025
500	10.236	10.176	35.204	47.0	27.081
550	9.981	9.916	35.192	46.6	27.117
600	9.664	9.594	35.162	44.0	27.147
650	9.645	9.570	35.185	41.5	27.170
700	9.504	9.423	35.191	40.8	27.198
750	9.573	9.485	35.253	31.8	27.237
800	9.311	9.219	35.241	31.1	27.271

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
799.6	1	9.300	9.208	35.255	41.4
598.2	2	9.653	9.584	35.180	51.1
401.4	3	10.886	10.836	35.208	82.4
301.1	4	11.307	11.269	35.158	81.1
200.3	5	13.826	13.797	35.247	101.6
99.0	6	20.433	20.414	35.505	98.0
49.3	7	25.647	25.636	36.001	218.0
1.5	8	26.201	26.201	35.394	225.0

Redsox-1 Station 001
Latitude: 05 27.39 N
Longitude: 049 52.05 E
Date: 14-02-2001
Time: 1211 GMT

Rsx1-001



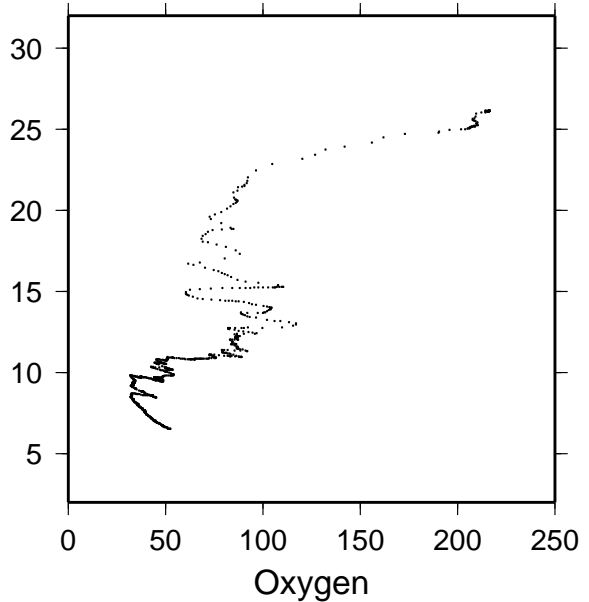
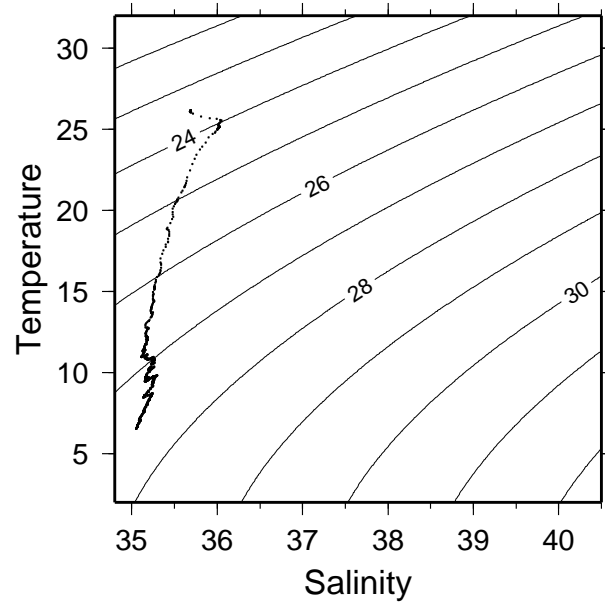
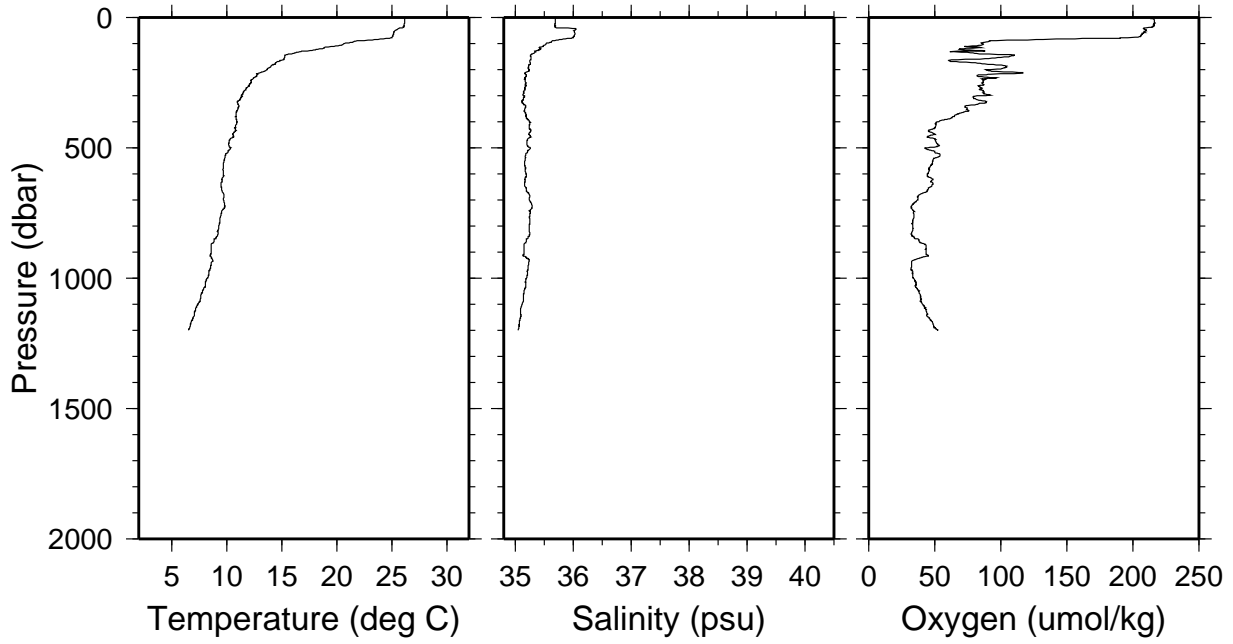
Redsox-1 **Station 002**
Latitude: 5° 30.29 N
Longitude: 049° 51.52 E
Date: 14-02-2001 1524 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.148	26.145	35.687	216.1	23.506
20	26.146	26.142	35.687	216.4	23.507
30	26.113	26.107	35.685	216.0	23.517
40	25.796	25.787	35.811	209.3	23.712
50	25.307	25.296	36.018	209.8	24.020
60	25.147	25.134	36.025	207.1	24.075
70	25.085	25.070	36.016	206.1	24.088
80	24.704	24.687	35.950	173.0	24.155
90	21.822	21.805	35.642	91.9	24.761
100	20.655	20.636	35.534	86.2	24.999
110	19.743	19.723	35.482	75.2	25.202
120	18.544	18.523	35.438	70.4	25.477
130	16.793	16.771	35.337	67.4	25.827
140	15.705	15.684	35.281	87.0	26.036
150	15.262	15.239	35.267	105.9	26.125
160	15.200	15.176	35.268	79.1	26.140
170	14.570	14.545	35.248	66.2	26.263
180	14.300	14.274	35.245	92.8	26.319
190	13.941	13.914	35.229	103.7	26.382
200	13.708	13.679	35.248	88.8	26.446
250	12.186	12.153	35.182	86.3	26.701
300	11.370	11.332	35.146	85.3	26.829
350	10.993	10.950	35.165	74.6	26.913
400	10.925	10.876	35.246	52.7	26.990
450	10.535	10.480	35.237	49.1	27.053
500	10.346	10.286	35.260	43.3	27.106
550	9.743	9.679	35.164	48.5	27.135
600	9.688	9.618	35.186	44.6	27.162
650	9.477	9.402	35.168	47.0	27.184
700	9.701	9.619	35.243	37.1	27.207
750	9.512	9.425	35.256	33.9	27.249
800	9.280	9.188	35.240	33.4	27.276
900	8.586	8.487	35.153	43.4	27.319
1000	8.229	8.121	35.190	34.1	27.405

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1198.6	1	6.534	6.418	35.064	50.6
1198.6	2	6.534	6.418	35.061	50.1
1199.1	3	6.533	6.417	35.063	50.5
1199.0	4	6.533	6.417	35.063	50.0
1198.9	5	6.533	6.417	35.063	50.5
1198.8	6	6.533	6.417	35.064	51.1
1198.8	7	6.534	6.418	35.066	51.9
1198.8	8	6.531	6.415	35.064	50.7

Redsox-1 Station 002
Latitude: 05 30.29 N
Longitude: 049 51.52 E
Date: 14-02-2001
Time: 1524 GMT

Rsx1-002



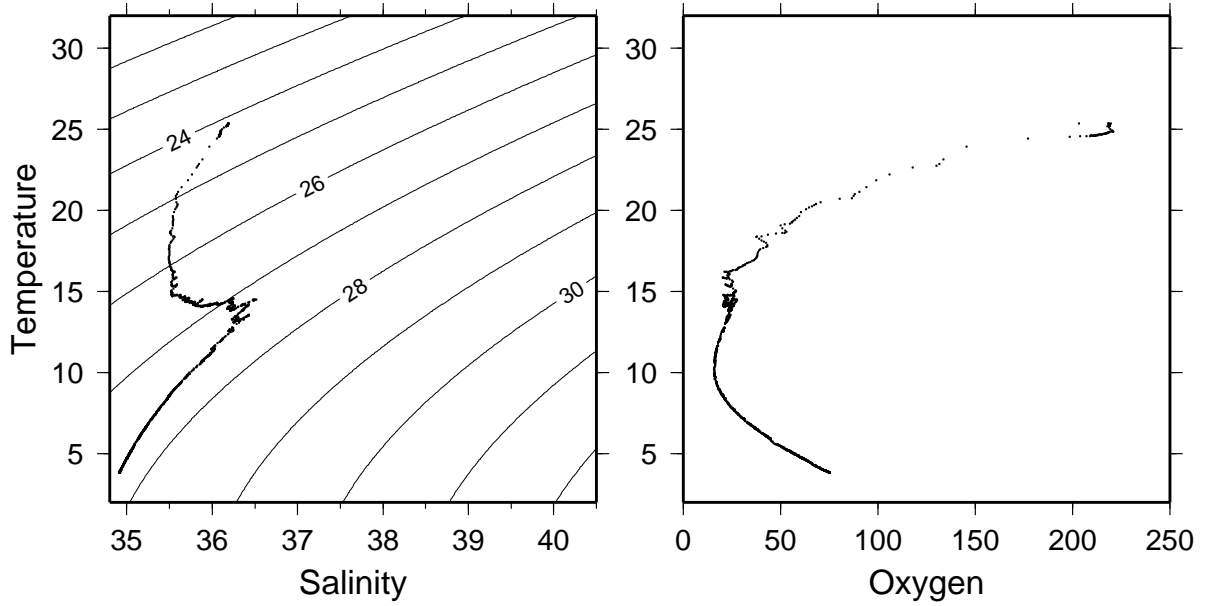
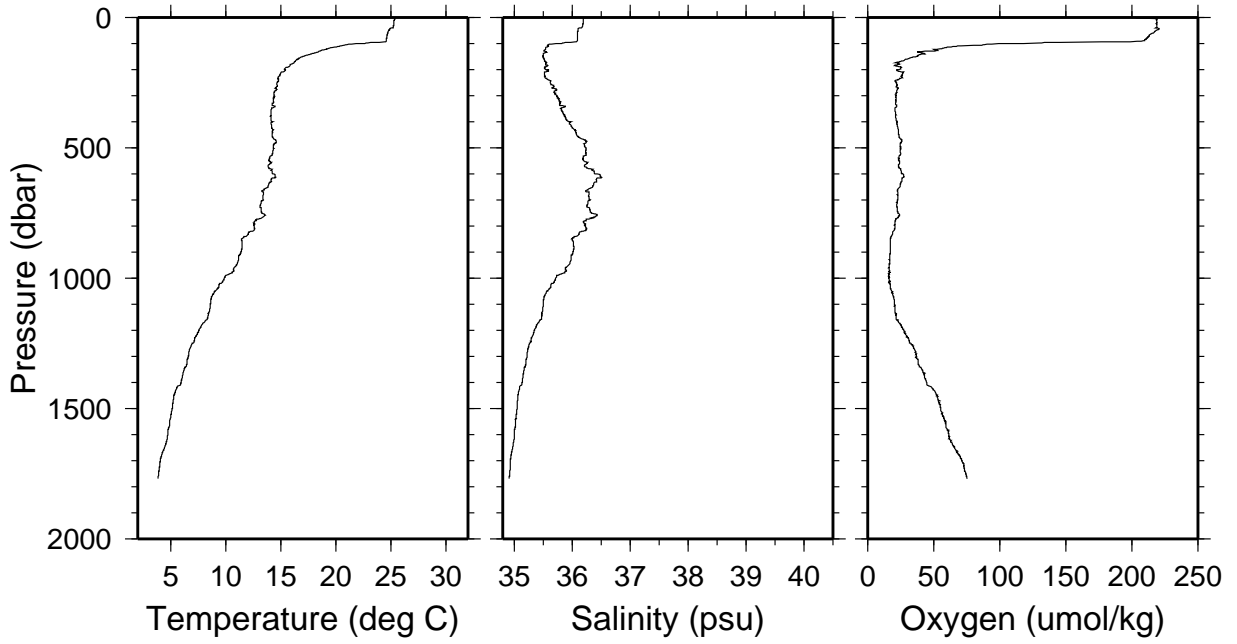
Redsox-1 **Station 003**
Latitude: 11° 48.47 N
Longitude: 046° 42.27 E
Date: 17-02-2001 0836 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.292	25.290	36.187	218.8	24.150
20	25.274	25.269	36.186	218.5	24.155
30	25.241	25.235	36.179	219.0	24.161
40	25.103	25.094	36.138	218.8	24.173
50	24.810	24.800	36.097	218.4	24.232
60	24.702	24.689	36.093	215.9	24.262
70	24.643	24.628	36.089	212.9	24.278
80	24.603	24.586	36.086	211.2	24.288
90	24.587	24.568	36.085	208.9	24.293
100	22.204	22.184	35.763	106.0	24.746
110	20.333	20.312	35.594	67.2	25.132
120	19.233	19.212	35.541	55.6	25.380
130	18.497	18.474	35.520	43.6	25.552
140	17.741	17.717	35.497	42.6	25.722
150	16.925	16.900	35.494	36.3	25.917
160	16.508	16.482	35.511	29.1	26.029
170	16.239	16.212	35.539	24.2	26.114
180	15.860	15.831	35.541	23.1	26.202
190	15.611	15.581	35.528	25.6	26.250
200	15.366	15.335	35.562	22.5	26.331
250	14.659	14.621	35.620	21.6	26.534
300	14.390	14.345	35.735	21.4	26.682
350	14.149	14.097	35.806	20.5	26.790
400	14.228	14.169	35.968	22.3	26.900
450	14.204	14.137	36.074	23.5	26.989
500	14.337	14.262	36.234	24.9	27.085
550	13.962	13.881	36.205	23.7	27.144
600	14.318	14.228	36.422	26.6	27.237
650	13.817	13.721	36.353	24.4	27.293
700	13.404	13.303	36.303	22.7	27.341
750	13.287	13.179	36.333	22.9	27.390
800	12.563	12.452	36.223	20.5	27.451
900	11.362	11.244	36.012	17.0	27.519
1000	9.845	9.724	35.713	16.0	27.556
1250	6.948	6.822	35.263	32.6	27.651
1500	5.131	4.998	35.046	55.1	27.712
1750	3.883	3.741	34.918	74.3	27.748

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1768.8	1	3.837	3.694	34.934	73.4
1128.2	2	8.547	8.421	35.502	26.1
651.2	3	13.812	13.716	36.359	29.0
499.2	4	14.347	14.272	36.224	28.9
299.7	5	14.427	14.382	35.750	27.9
99.2	6	22.117	22.097	35.777	122.0
52.0	7	24.820	24.809	36.108	218.8
2.2	8	25.377	25.377	36.176	225.2

Redsox-1 Station 003
Latitude: 11 48.47 N
Longitude: 046 42.27 E
Date: 17-02-2001
Time: 0836 GMT

Rsx1-003



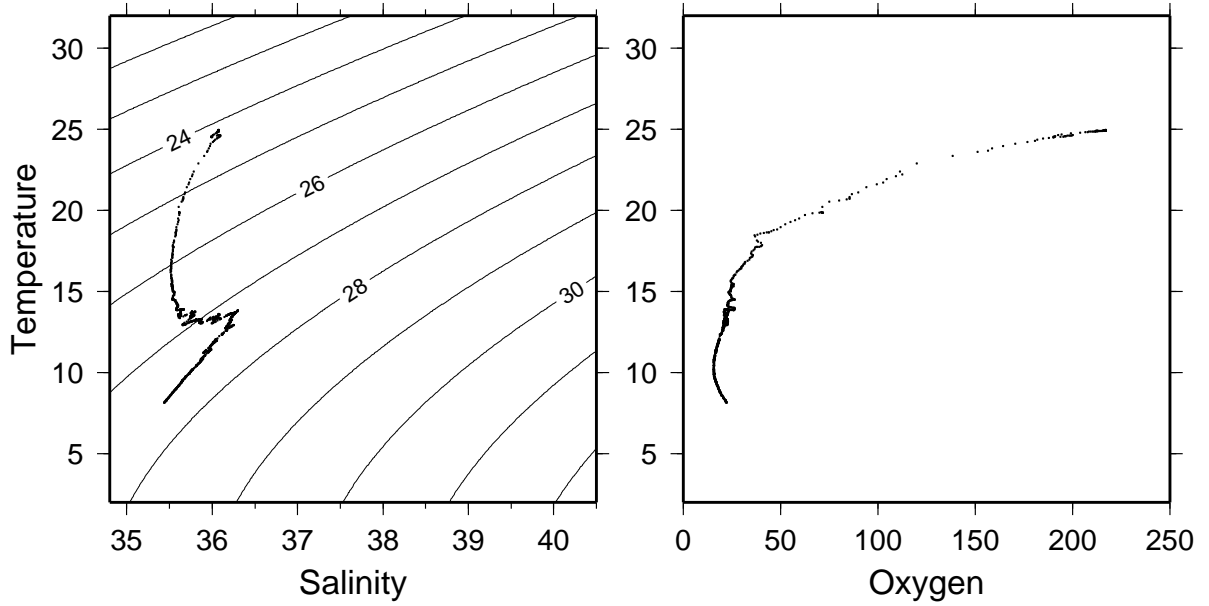
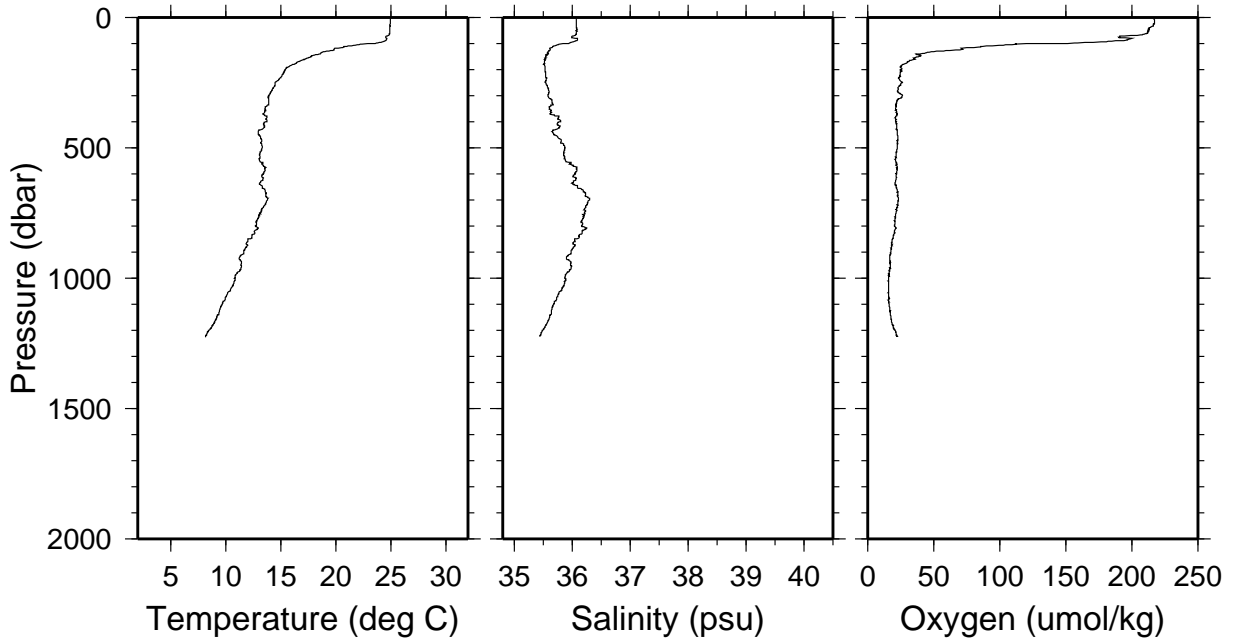
Redsox-1 **Station 004**
Latitude: 12° 45.34 N
Longitude: 045° 52.23 E
Date: 17-02-2001 1858 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	24.935	24.933	36.074	217.1	24.174
20	24.937	24.933	36.074	217.0	24.174
30	24.921	24.915	36.075	216.3	24.180
40	24.885	24.877	36.075	212.9	24.192
50	24.882	24.871	36.075	212.5	24.193
60	24.875	24.862	36.073	212.2	24.194
70	24.684	24.669	36.024	194.3	24.216
80	24.637	24.620	36.071	200.0	24.266
90	24.455	24.435	36.063	187.7	24.316
100	23.343	23.323	35.904	138.4	24.526
110	20.987	20.966	35.674	86.7	25.016
120	19.854	19.832	35.613	71.5	25.274
130	19.157	19.133	35.592	52.3	25.440
140	18.501	18.477	35.575	38.0	25.593
150	17.748	17.723	35.546	38.2	25.758
160	17.139	17.113	35.532	35.5	25.896
170	16.564	16.536	35.519	30.3	26.022
180	16.050	16.022	35.518	26.7	26.141
190	15.631	15.601	35.529	24.4	26.246
200	15.400	15.369	35.531	25.0	26.299
250	14.499	14.462	35.537	26.2	26.504
300	13.887	13.843	35.583	26.2	26.671
350	13.543	13.493	35.604	21.0	26.760
400	13.695	13.637	35.785	21.2	26.870
450	12.983	12.920	35.687	22.5	26.941
500	13.290	13.219	35.875	22.3	27.027
550	13.090	13.012	35.889	21.0	27.079
600	13.369	13.283	36.044	21.7	27.145
650	13.306	13.212	36.092	21.5	27.196
700	13.804	13.701	36.298	23.1	27.254
750	13.124	13.017	36.212	21.3	27.329
800	12.719	12.607	36.165	20.4	27.375
900	11.650	11.531	35.984	17.6	27.444
1000	10.800	10.672	35.868	15.9	27.511

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1224.1	1	8.132	7.998	35.446	27.2
950.1	2	11.407	11.282	35.981	20.7
650.0	3	13.512	13.418	36.164	28.6
400.6	4	13.717	13.659	35.795	24.0
199.8	5	15.391	15.360	35.541	27.4
101.1	6	22.230	22.210	35.782	111.6
50.1	7	24.894	24.883	36.081	211.0
1.9	8	24.933	24.933	36.080	216.0

Redsox-1 Station 004
Latitude: 12 45.34 N
Longitude: 045 52.23 E
Date: 17-02-2001
Time: 1858 GMT

Rsx1-004



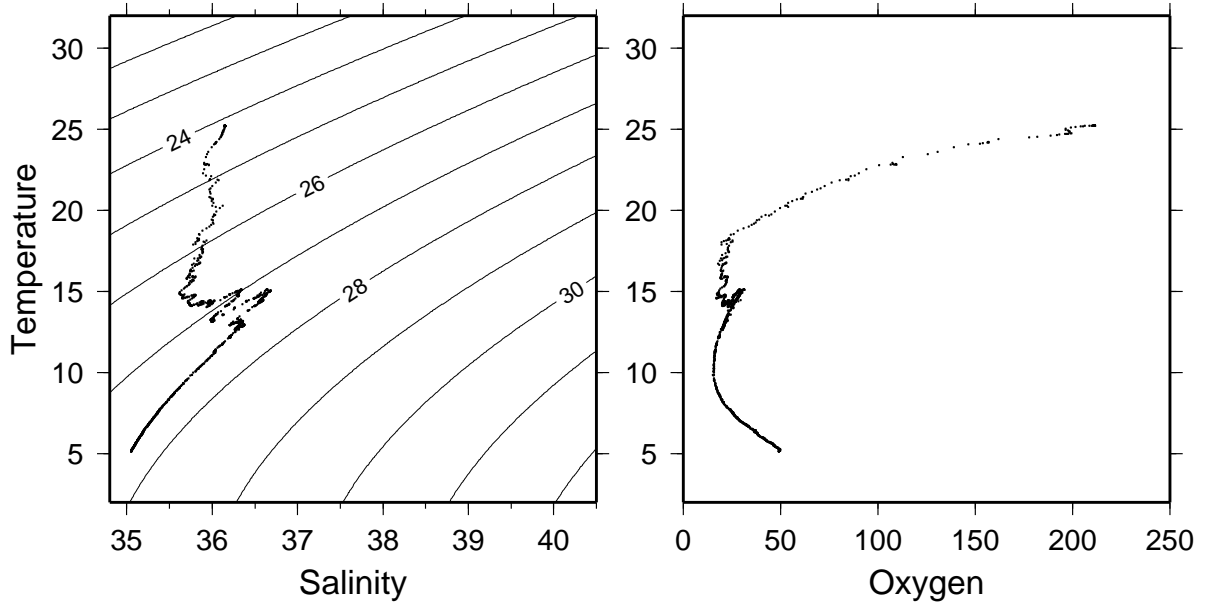
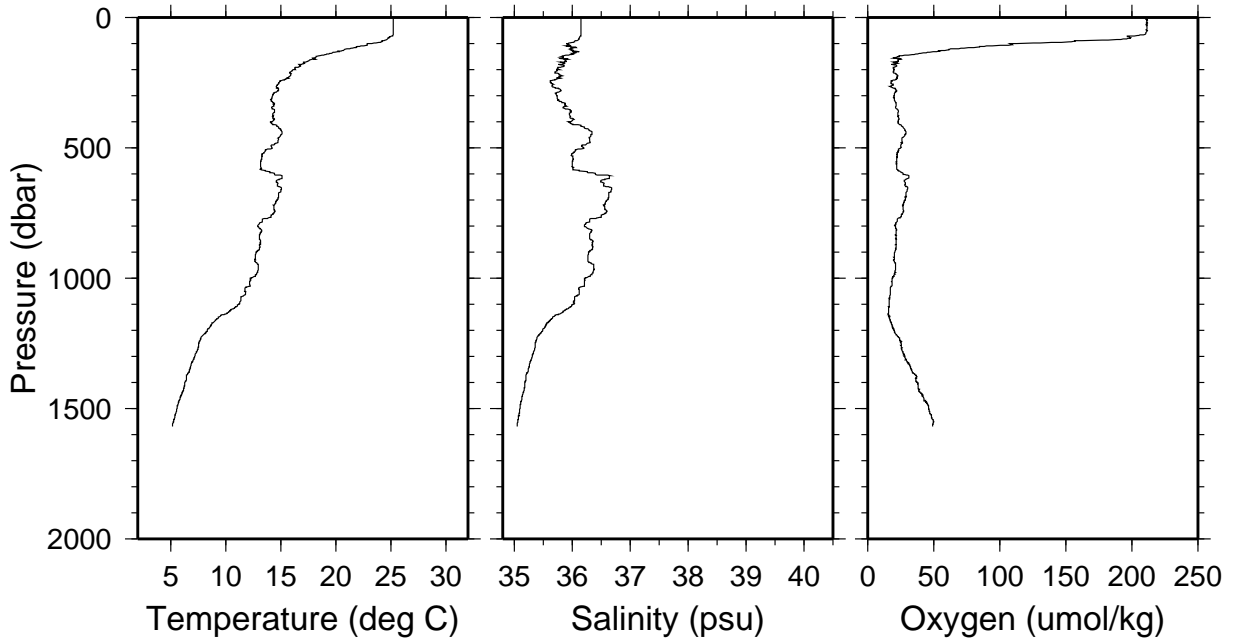
Redsox-1 **Station 005**
Latitude: 11° 28.45 N
Longitude: 045° 10.82 E
Date: 18-02-2001 0604 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.222	25.220	36.147	211.2	24.141
20	25.225	25.220	36.148	211.2	24.142
30	25.227	25.220	36.149	211.0	24.142
40	25.228	25.219	36.148	211.5	24.142
50	25.230	25.219	36.150	211.1	24.143
60	25.230	25.217	36.150	210.6	24.144
70	25.147	25.132	36.151	201.6	24.171
80	24.727	24.710	36.115	197.6	24.273
90	24.208	24.189	36.046	156.9	24.377
100	22.940	22.920	35.904	107.5	24.642
110	22.136	22.114	35.927	88.2	24.890
120	21.129	21.106	35.971	66.0	25.204
130	20.232	20.208	36.045	53.9	25.504
140	19.235	19.210	36.009	37.1	25.739
150	18.226	18.200	35.842	23.7	25.867
160	18.052	18.025	35.911	24.4	25.964
170	17.371	17.343	35.883	21.7	26.110
180	16.730	16.701	35.783	18.0	26.187
190	16.554	16.523	35.796	20.0	26.239
200	16.234	16.202	35.764	20.1	26.289
250	14.831	14.793	35.629	17.7	26.502
300	14.260	14.216	35.735	20.0	26.709
350	14.231	14.179	35.883	22.0	26.832
400	14.085	14.026	35.937	22.8	26.906
450	15.023	14.953	36.325	28.2	27.004
500	14.212	14.138	36.201	25.1	27.086
550	13.190	13.112	36.006	21.9	27.150
600	14.410	14.320	36.401	26.7	27.202
650	14.905	14.805	36.632	29.8	27.274
700	14.682	14.575	36.608	28.1	27.306
750	14.373	14.260	36.575	26.5	27.350
800	12.912	12.799	36.208	20.6	27.370
900	12.789	12.662	36.287	20.5	27.459
1000	12.282	12.144	36.217	18.3	27.507
1250	7.534	7.402	35.361	25.2	27.646
1500	5.565	5.427	35.097	46.2	27.701

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1568.6	1	5.156	5.016	35.061	52.0
876.7	2	13.091	12.965	36.357	26.1
651.8	3	14.991	14.890	36.635	33.3
555.7	4	13.145	13.066	36.001	25.9
454.5	5	15.055	14.985	36.341	32.0
100.3	6	22.742	22.722	35.917	108.0
51.3	7	25.219	25.208	36.150	218.0
1.9	8	25.276	25.276	36.146	219.2

Redsox-1 Station 005
Latitude: 11 28.45 N
Longitude: 045 10.82 E
Date: 18-02-2001
Time: 0604 GMT

Rsx1-005



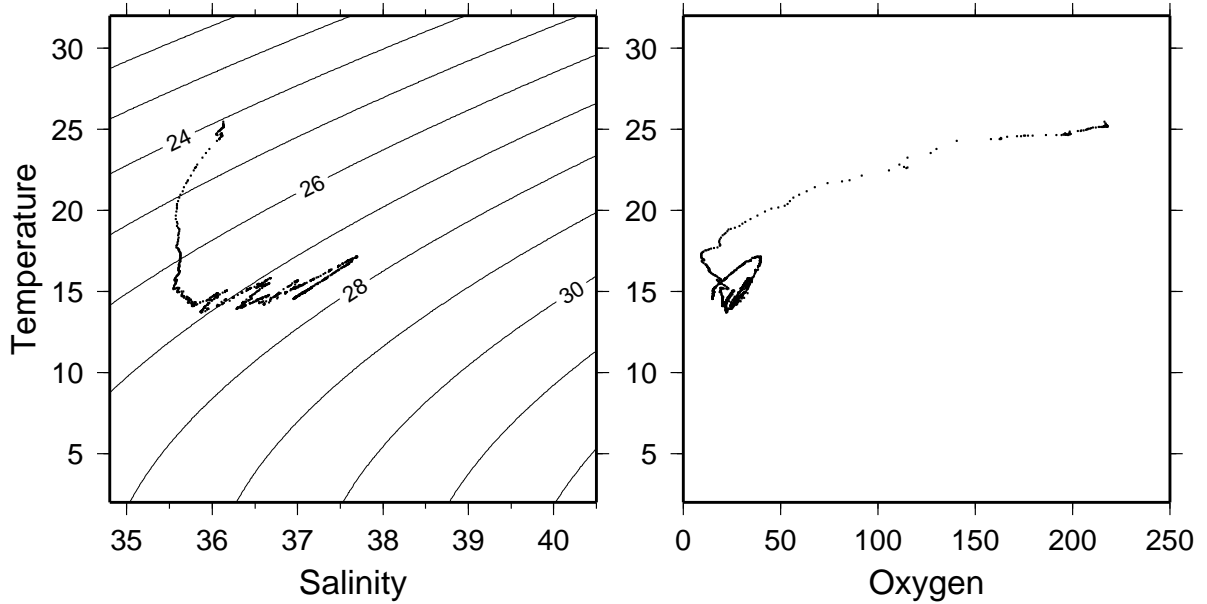
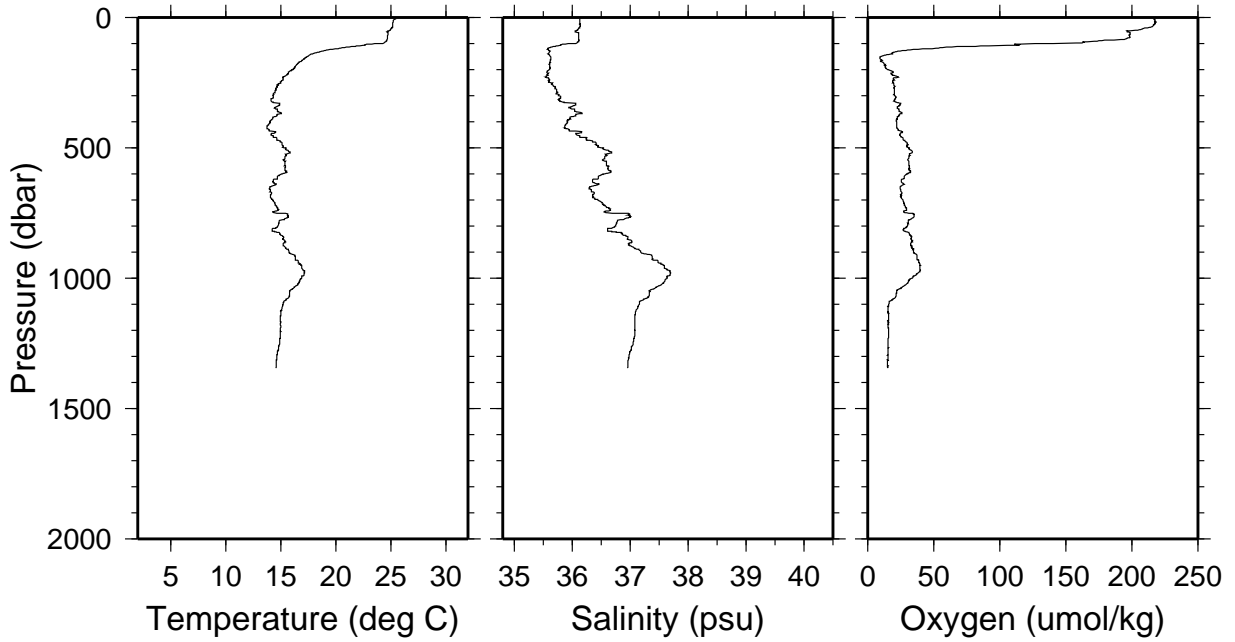
Redsox-1 **Station 006**
Latitude: 12° 1.65 N
Longitude: 044° 31.22 E
Date: 18-02-2001 1152 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.244	25.242	36.132	217.4	24.123
20	25.180	25.175	36.134	217.8	24.145
30	25.165	25.158	36.136	216.2	24.152
40	25.090	25.082	36.121	210.3	24.164
50	24.887	24.877	36.080	202.7	24.195
60	24.717	24.704	36.108	198.8	24.269
70	24.704	24.689	36.110	198.2	24.275
80	24.673	24.656	36.106	196.3	24.282
90	24.593	24.574	36.116	175.0	24.315
100	23.790	23.769	35.964	130.0	24.440
110	21.792	21.771	35.712	81.7	24.823
120	20.116	20.093	35.588	45.2	25.185
130	18.724	18.701	35.617	22.6	25.569
140	17.807	17.783	35.583	18.8	25.772
150	17.381	17.356	35.629	9.6	25.911
160	17.056	17.030	35.627	9.6	25.988
170	16.756	16.728	35.617	10.5	26.052
180	16.463	16.434	35.606	12.9	26.114
190	16.272	16.241	35.611	13.3	26.162
200	16.045	16.014	35.599	15.6	26.205
250	14.966	14.928	35.613	19.2	26.460
300	14.259	14.214	35.763	20.2	26.731
350	14.508	14.455	35.987	23.1	26.852
400	14.028	13.970	35.915	21.8	26.901
450	14.125	14.058	36.071	24.2	27.003
500	15.419	15.340	36.539	31.4	27.083
550	15.309	15.223	36.556	31.0	27.122
600	15.077	14.984	36.551	29.7	27.172
650	13.986	13.890	36.298	24.6	27.214
700	14.276	14.171	36.442	26.7	27.265
750	14.618	14.503	36.685	31.3	27.382
800	14.725	14.601	36.740	29.9	27.403
900	15.742	15.596	37.179	34.7	27.518
1000	16.874	16.703	37.636	33.6	27.611
1250	14.880	14.682	37.051	15.4	27.625

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1342.1	1	14.560	14.350	36.961	22.7
998.8	2	16.853	16.683	37.630	36.8
650.6	3	13.986	13.890	36.431	31.9
400.0	4	13.978	13.919	35.902	26.3
200.1	5	15.995	15.963	35.600	22.0
99.8	6	23.649	23.628	35.898	129.1
50.1	7	24.706	24.695	36.087	196.5
1.6	8	25.784	25.784	36.141	218.1

Redsox-1 Station 006
Latitude: 12 01.65 N
Longitude: 044 31.22 E
Date: 18-02-2001
Time: 1152 GMT

Rsx1-006



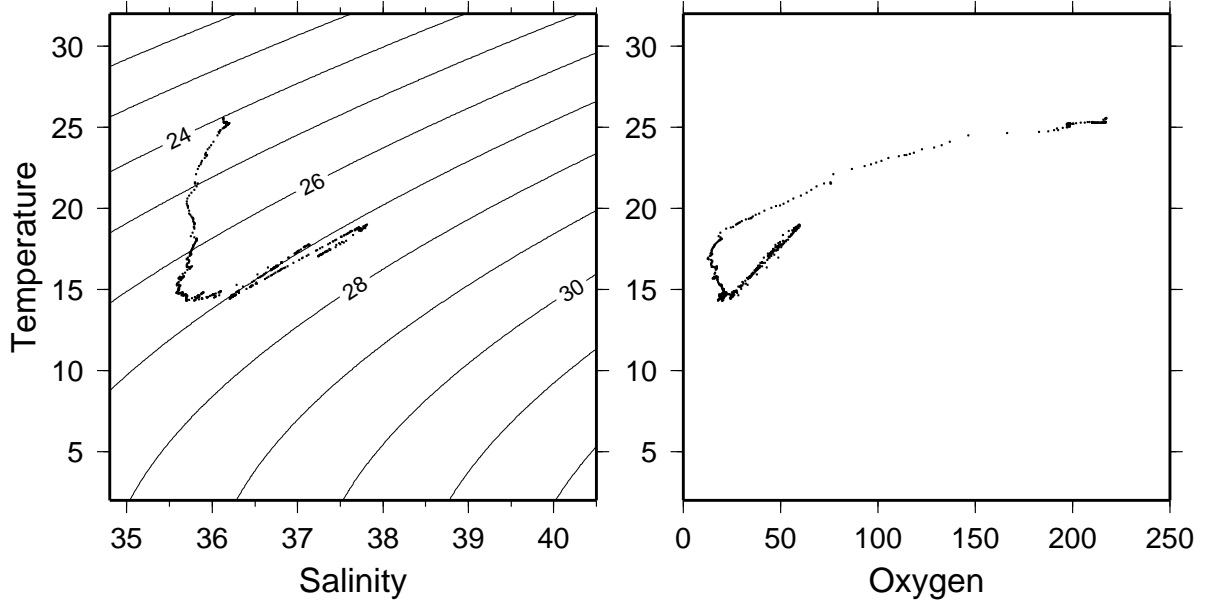
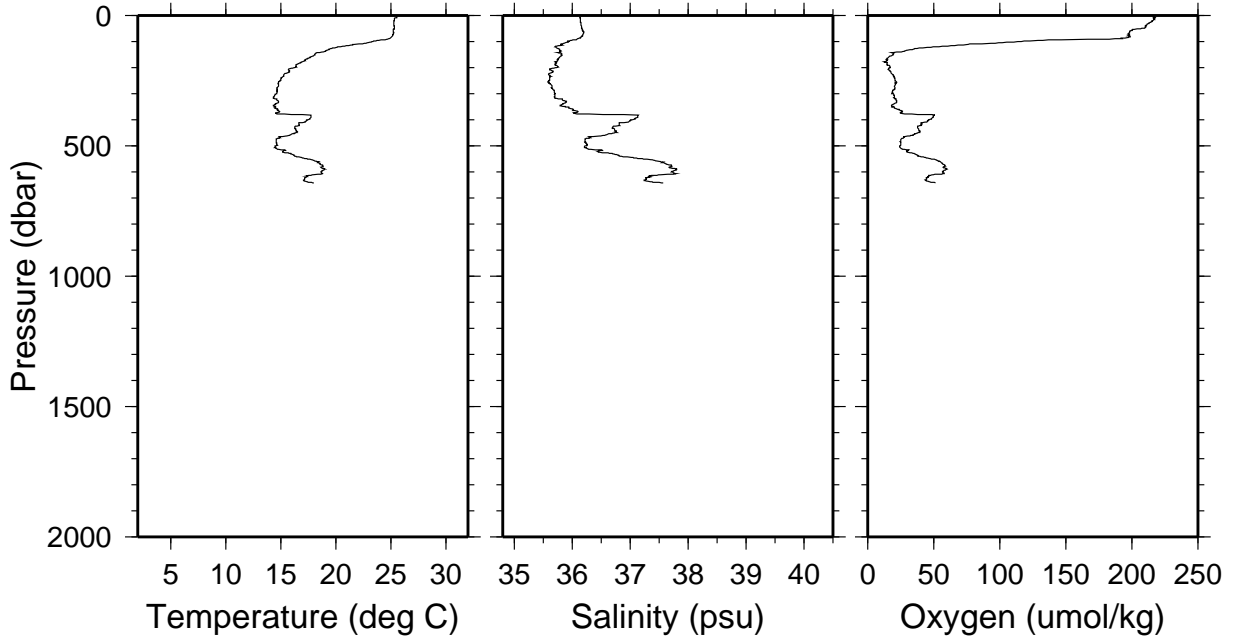
Redsox-1 **Station 007**
Latitude: 12° 11.00 N
Longitude: 044° 20.19 E
Date: 18-02-2001 1427 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.366	25.364	36.136	216.4	24.088
20	25.292	25.287	36.144	215.6	24.118
30	25.281	25.275	36.148	212.7	24.125
40	25.293	25.285	36.158	210.2	24.129
50	25.308	25.297	36.169	207.6	24.133
60	25.226	25.213	36.189	198.5	24.175
70	25.213	25.197	36.189	197.0	24.180
80	25.102	25.084	36.165	198.5	24.196
90	24.765	24.745	36.089	187.5	24.242
100	23.278	23.258	35.919	114.6	24.556
110	21.618	21.597	35.796	75.7	24.935
120	20.290	20.268	35.702	51.5	25.226
130	19.392	19.369	35.776	34.5	25.519
140	18.807	18.782	35.793	24.5	25.683
150	18.101	18.075	35.818	19.2	25.880
160	17.664	17.637	35.778	15.9	25.958
170	17.204	17.175	35.737	14.1	26.038
180	16.830	16.800	35.720	14.2	26.115
190	16.382	16.352	35.714	15.1	26.215
200	16.286	16.254	35.734	17.0	26.253
250	14.969	14.931	35.604	20.7	26.453
300	14.598	14.553	35.710	18.4	26.618
350	14.441	14.389	35.876	18.5	26.781
400	17.403	17.334	37.019	46.2	26.984
450	16.393	16.319	36.744	38.4	27.015
500	14.558	14.482	36.236	24.4	27.039
550	17.423	17.329	37.226	48.4	27.144
600	18.628	18.520	37.716	56.8	27.222

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
643.3	1	18.043	17.929	37.444	49.7
597.1	2	18.597	18.489	37.699	56.6
497.3	3	14.650	14.574	36.244	40.8
403.6	4	17.349	17.280	36.974	49.9
249.6	5	14.890	14.852	35.599	36.9
100.0	6	23.069	23.048	35.889	114.1
49.7	7	25.276	25.265	36.159	232.6
1.5	8	25.544	25.544	36.131	236.2

Redsox-1 Station 007
Latitude: 12 11.00 N
Longitude: 044 20.19 E
Date: 18-02-2001
Time: 1427 GMT

Rsx1-007



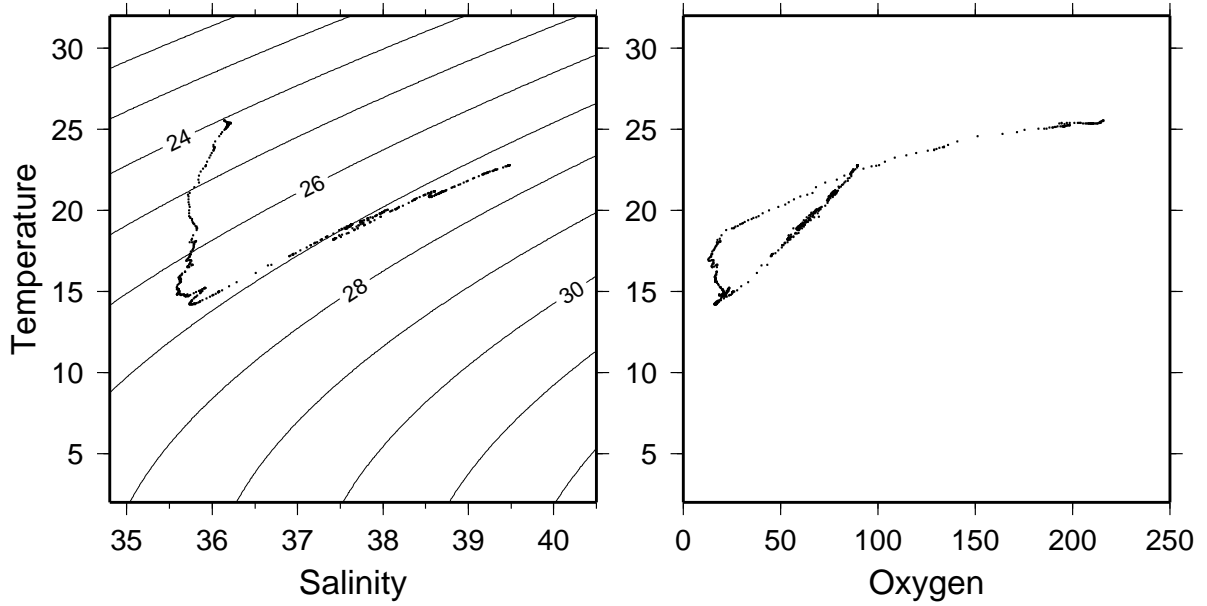
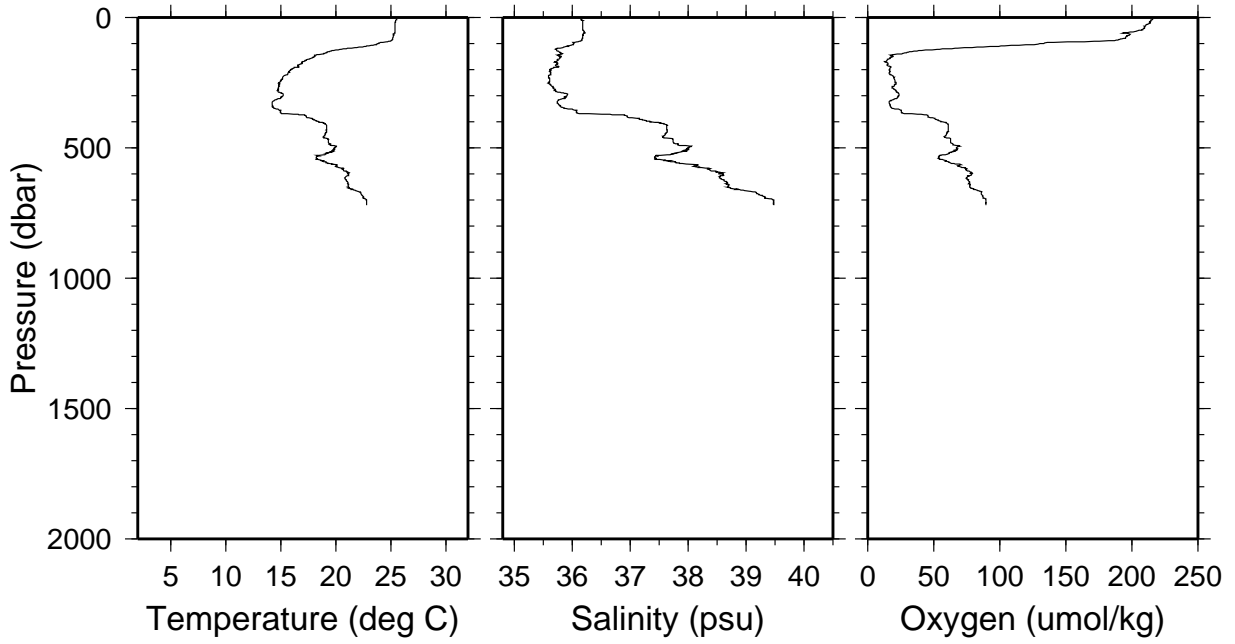
Redsox-1 **Station 008**
Latitude: 12° 10.99 N
Longitude: 044° 17.92 E
Date: 18-02-2001 1603 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.460	25.458	36.161	214.3	24.078
20	25.382	25.378	36.180	214.1	24.117
30	25.359	25.352	36.182	210.7	24.127
40	25.347	25.338	36.180	209.4	24.130
50	25.368	25.357	36.191	205.2	24.132
60	25.341	25.328	36.209	194.2	24.154
70	25.210	25.194	36.181	196.4	24.174
80	25.182	25.164	36.176	194.6	24.180
90	25.026	25.006	36.155	182.4	24.212
100	23.845	23.824	36.025	131.5	24.470
110	22.754	22.732	35.927	99.1	24.714
120	20.855	20.832	35.721	60.1	25.089
130	19.448	19.425	35.765	35.1	25.496
140	18.876	18.851	35.822	24.9	25.688
150	18.070	18.044	35.806	18.7	25.879
160	17.549	17.522	35.769	15.4	25.978
170	16.958	16.929	35.702	12.9	26.070
180	16.717	16.688	35.742	15.4	26.158
190	16.627	16.596	35.763	17.3	26.196
200	15.862	15.830	35.605	16.5	26.252
250	14.837	14.799	35.587	21.4	26.469
300	15.210	15.164	35.912	23.5	26.639
350	14.568	14.515	35.932	20.8	26.797
400	18.355	18.284	37.328	55.3	26.985
450	19.003	18.921	37.601	59.5	27.031
500	19.877	19.783	37.995	67.2	27.107
550	18.818	18.718	37.672	58.8	27.138
600	21.165	21.047	38.596	78.8	27.221
650	21.144	21.015	38.696	77.3	27.306
700	22.774	22.628	39.476	89.6	27.441

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
654.1	1	21.198	21.069	-9.990	77.8
654.1	2	21.244	21.114	-9.990	85.4
654.1	3	21.232	21.102	-9.990	85.1
654.1	4	21.247	21.117	-9.990	78.9
179.9	5	16.698	16.669	-9.990	24.3
179.9	6	16.701	16.672	-9.990	27.4
179.9	7	16.706	16.677	-9.990	31.9
179.9	8	16.700	16.671	-9.990	20.7

Redsox-1 Station 008
Latitude: 12 10.99 N
Longitude: 044 17.92 E
Date: 18-02-2001
Time: 1603 GMT

Rsx1-008



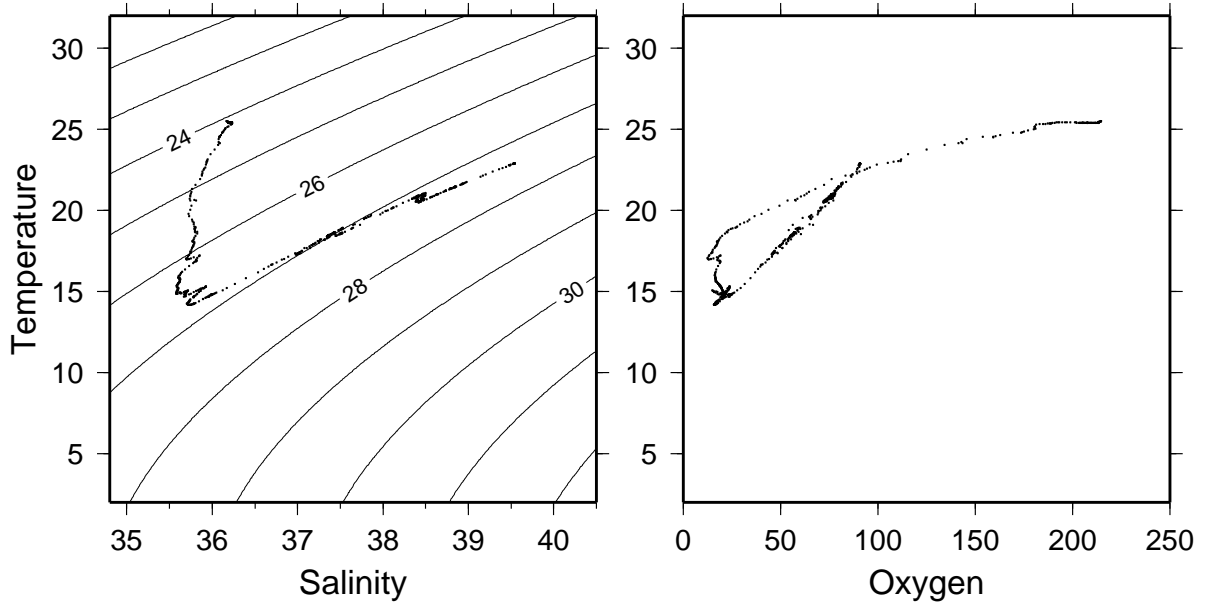
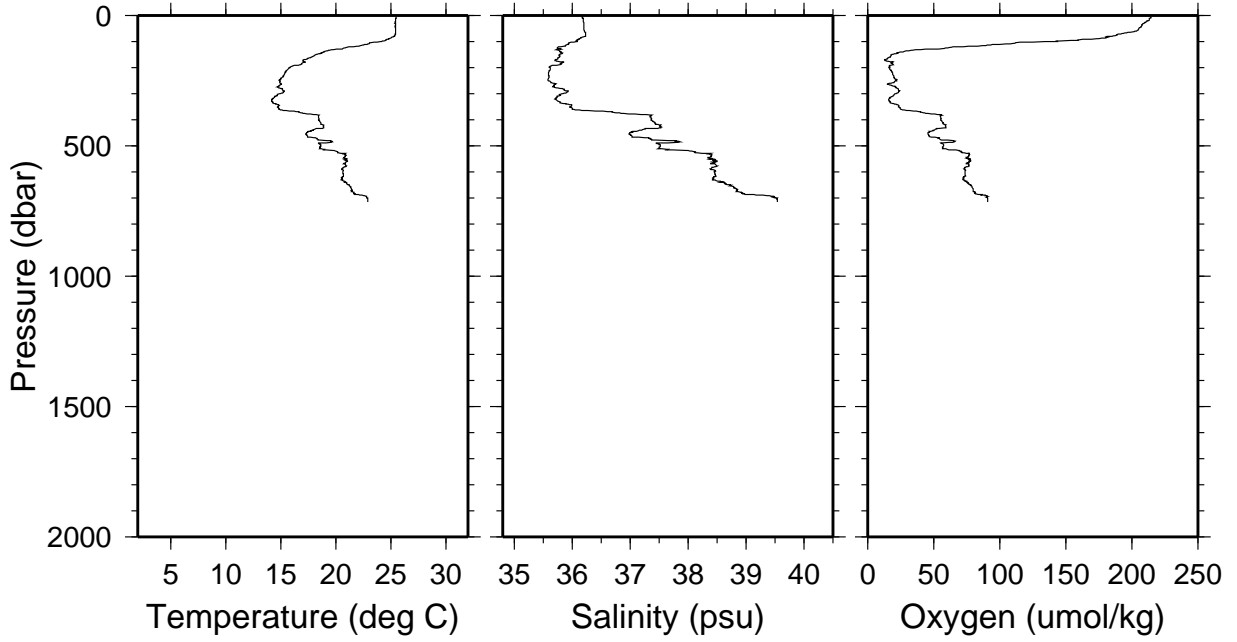
Redsox-1 **Station 009**
Latitude: 12° 10.99 N
Longitude: 044° 15.96 E
Date: 18-02-2001 1741 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.465	25.463	36.184	214.0	24.094
20	25.403	25.398	36.193	212.1	24.121
30	25.395	25.388	36.197	208.9	24.127
40	25.391	25.382	36.197	207.7	24.129
50	25.400	25.389	36.203	205.4	24.131
60	25.406	25.392	36.207	203.2	24.133
70	25.414	25.398	36.233	191.7	24.151
80	25.308	25.290	36.227	183.1	24.180
90	24.787	24.768	36.119	173.7	24.258
100	24.128	24.107	36.086	141.5	24.432
110	22.821	22.799	35.926	99.3	24.694
120	21.319	21.296	35.764	68.0	24.994
130	20.029	20.005	35.744	43.8	25.328
140	18.906	18.881	35.799	25.4	25.662
150	18.160	18.134	35.775	18.0	25.832
160	17.789	17.762	35.779	16.7	25.928
170	17.086	17.058	35.706	12.6	26.043
180	17.184	17.154	35.843	18.4	26.125
190	16.583	16.552	35.732	17.8	26.182
200	15.804	15.773	35.618	16.5	26.275
250	14.852	14.814	35.583	22.1	26.462
300	14.865	14.819	35.824	21.0	26.647
350	14.690	14.637	35.959	23.3	26.791
400	18.446	18.375	37.359	55.2	26.985
450	17.348	17.271	37.001	45.8	26.986
500	18.614	18.524	37.521	57.3	27.072
550	20.763	20.656	38.366	76.7	27.153
600	20.630	20.514	38.448	73.6	27.255
650	21.200	21.072	38.734	78.2	27.319
700	22.867	22.721	39.524	91.0	27.451

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
716.3	1	22.913	22.763	39.542	90.8
649.9	2	21.189	21.060	38.716	76.1
452.9	3	17.327	17.250	37.006	46.5
400.2	4	18.417	18.346	37.350	53.2
229.7	5	15.230	15.195	35.603	21.3
100.0	6	23.959	23.938	36.035	129.1
51.5	7	25.414	25.403	36.213	199.8
2.0	8	25.449	25.449	36.179	211.0

Redsox-1 Station 009
Latitude: 12 10.99 N
Longitude: 044 15.96 E
Date: 18-02-2001
Time: 1741 GMT

Rsx1-009

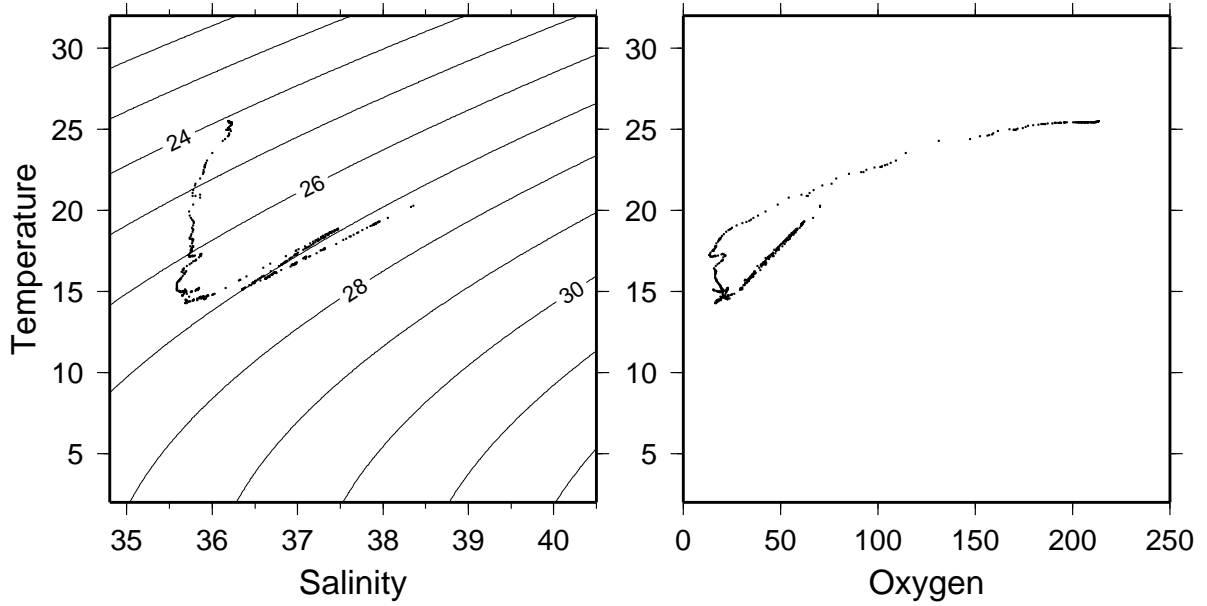
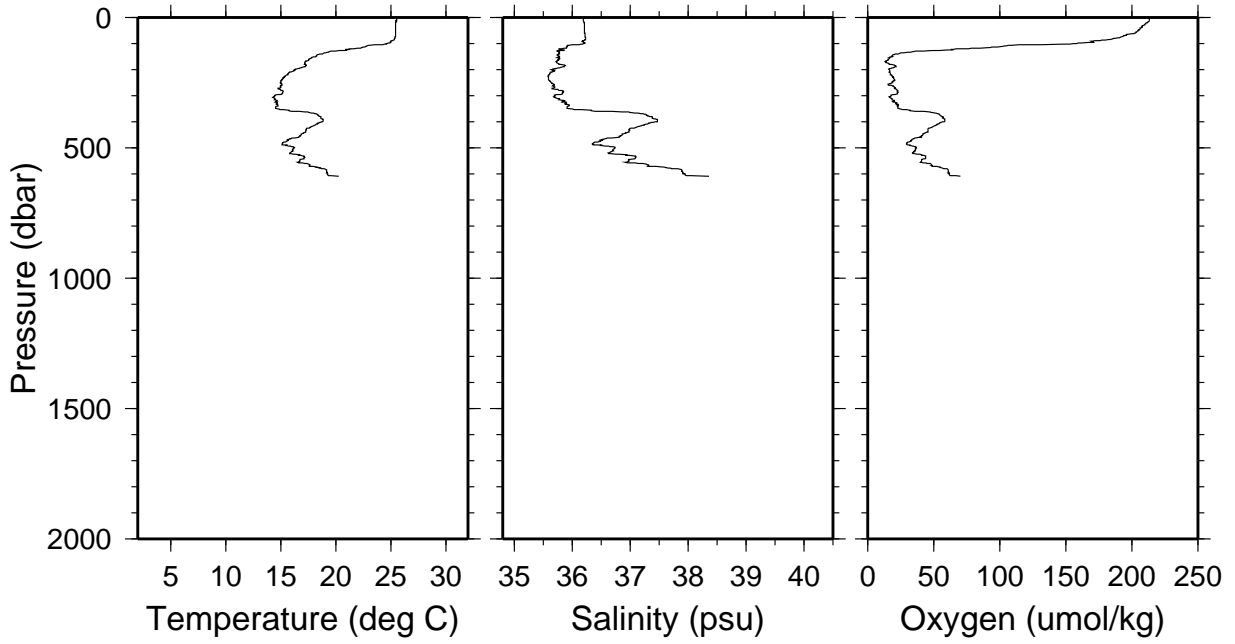


Redsox-1 **Station 010**
Latitude: 12° 10.98 N
Longitude: 044° 13.97 E
Date: 18-02-2001 1925 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.501	25.499	36.193	213.0	24.090
20	25.432	25.427	36.204	211.1	24.120
30	25.424	25.417	36.206	208.5	24.125
40	25.421	25.413	36.208	206.6	24.128
50	25.426	25.415	36.211	204.8	24.129
60	25.428	25.415	36.215	202.1	24.132
70	25.399	25.384	36.224	193.9	24.148
80	25.333	25.315	36.227	186.0	24.172
90	25.038	25.018	36.182	171.7	24.229
100	24.648	24.627	36.197	157.1	24.360
110	22.717	22.694	35.912	102.1	24.713
120	21.542	21.519	35.799	71.4	24.959
130	19.535	19.512	35.752	36.1	25.464
140	18.681	18.656	35.773	22.0	25.700
150	18.134	18.108	35.771	18.2	25.836
160	17.557	17.529	35.751	15.6	25.963
170	17.233	17.205	35.730	13.6	26.026
180	17.183	17.153	35.783	16.8	26.079
190	16.955	16.924	35.811	20.4	26.155
200	16.315	16.282	35.664	16.3	26.193
250	14.971	14.933	35.633	18.6	26.476
300	14.450	14.405	35.694	17.5	26.637
350	14.790	14.736	36.004	24.5	26.804
400	18.738	18.666	37.439	57.2	26.973
450	16.830	16.754	36.857	41.8	27.000
500	16.189	16.107	36.741	36.7	27.062
550	16.717	16.625	36.976	41.0	27.121
600	19.247	19.136	37.934	61.7	27.230

Redsox-1 Station 010
Latitude: 12 10.98 N
Longitude: 044 13.97 E
Date: 18-02-2001
Time: 1925 GMT

Rsx1-010



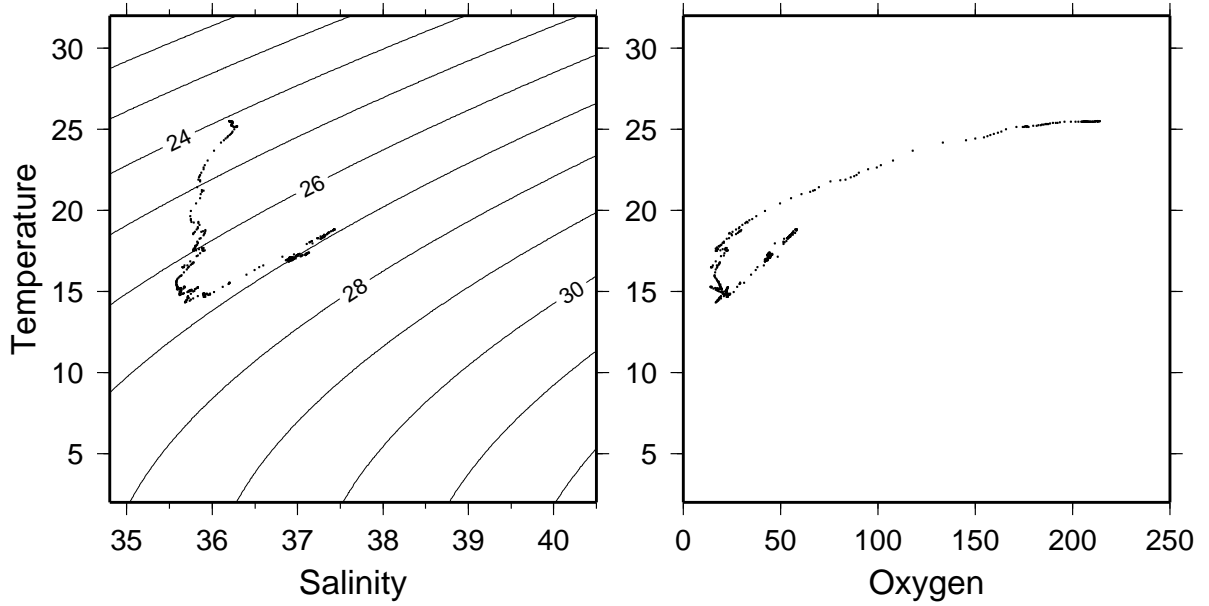
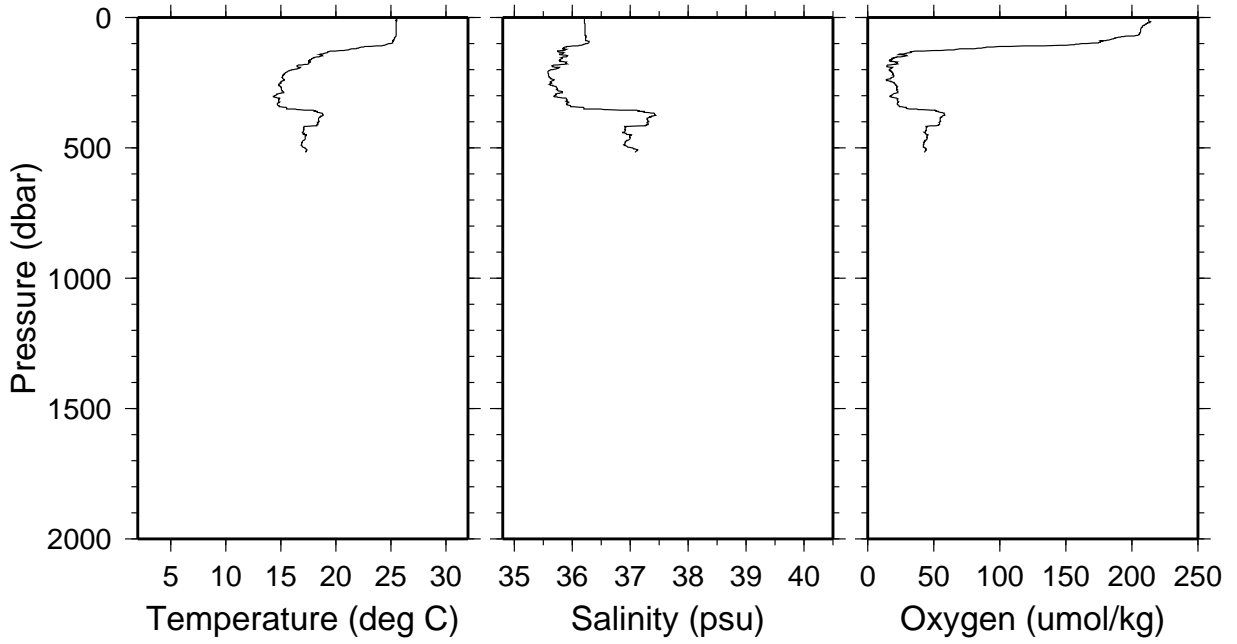
Redsox-1 **Station 011**
Latitude: 12° 10.99 N
Longitude: 044° 11.98 E
Date: 18-02-2001 2054 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.500	25.498	36.206	212.7	24.100
20	25.497	25.493	36.206	213.2	24.102
30	25.459	25.453	36.218	209.0	24.123
40	25.452	25.443	36.218	207.2	24.126
50	25.454	25.443	36.220	206.6	24.128
60	25.455	25.441	36.221	205.8	24.128
70	25.462	25.447	36.233	201.5	24.136
80	25.322	25.304	36.231	186.6	24.178
90	25.146	25.126	36.254	176.5	24.251
100	24.852	24.830	36.236	163.5	24.327
110	23.084	23.062	35.948	107.7	24.635
120	21.782	21.758	35.856	75.6	24.936
130	19.477	19.454	35.750	35.5	25.477
140	18.680	18.655	35.800	25.2	25.721
150	18.468	18.442	35.897	25.1	25.849
160	17.778	17.750	35.803	18.4	25.949
170	17.613	17.584	35.845	20.4	26.022
180	17.202	17.172	35.828	20.7	26.109
190	16.606	16.575	35.710	17.2	26.160
200	16.015	15.983	35.642	16.1	26.245
250	14.966	14.928	35.627	19.9	26.471
300	14.448	14.404	35.699	17.5	26.641
350	15.539	15.484	36.204	31.4	26.792
400	18.433	18.361	37.317	54.7	26.957
450	17.294	17.217	37.008	45.7	27.004
500	17.184	17.099	37.038	43.3	27.056

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
517.6	1	17.255	17.167	37.099	42.9
489.6	2	16.878	16.796	36.892	41.4
399.8	3	18.469	18.398	37.329	52.8
297.0	4	14.464	14.420	35.709	18.4
215.9	5	15.298	15.265	35.596	19.7
96.1	6	25.118	25.097	36.282	168.3
49.6	7	25.451	25.440	36.224	205.6
2.3	8	25.498	25.497	36.213	209.5

Redsox-1 Station 011
Latitude: 12 10.99 N
Longitude: 044 11.98 E
Date: 18-02-2001
Time: 2054 GMT

Rsx1-011

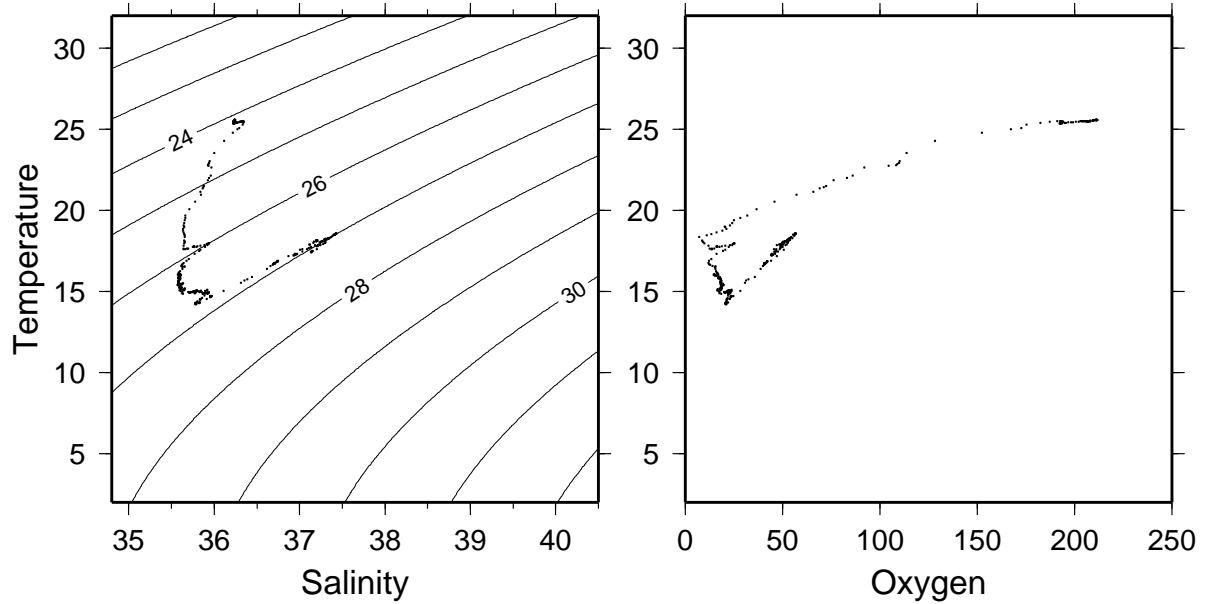
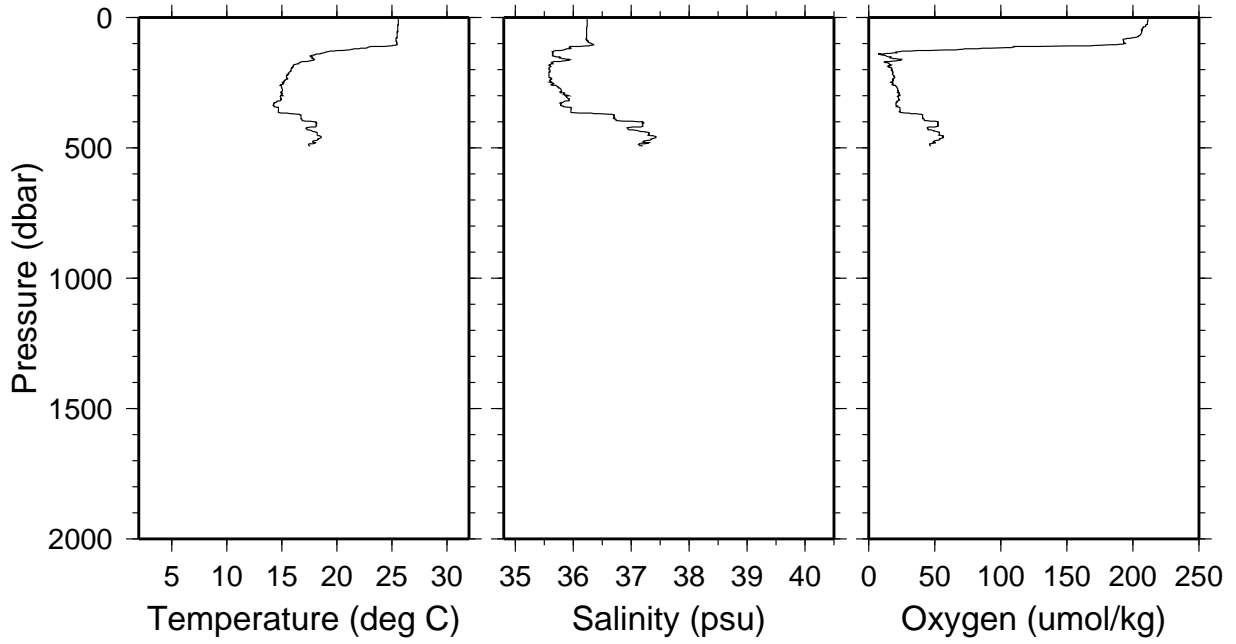


Redsox-1 **Station 012**
Latitude: 12° 13.13 N
Longitude: 044° 4.65 E
Date: 18-02-2001 2258 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.582	25.580	36.242	211.4	24.102
20	25.567	25.563	36.240	210.8	24.105
30	25.536	25.529	36.237	209.6	24.114
40	25.505	25.496	36.235	207.8	24.122
50	25.501	25.490	36.234	207.0	24.124
60	25.499	25.486	36.234	206.5	24.125
70	25.492	25.476	36.235	204.6	24.128
80	25.414	25.397	36.227	196.7	24.147
90	25.390	25.370	36.253	193.0	24.174
100	25.496	25.474	36.318	193.5	24.192
110	24.302	24.279	36.115	128.1	24.402
120	21.854	21.830	35.923	76.3	24.967
130	19.381	19.357	35.657	24.9	25.431
140	18.347	18.323	35.653	7.2	25.692
150	17.647	17.622	35.695	14.8	25.898
160	17.925	17.897	35.916	24.5	25.999
170	16.900	16.872	35.673	12.2	26.061
180	16.168	16.140	35.589	16.1	26.169
190	15.997	15.966	35.603	15.4	26.219
200	15.836	15.805	35.588	17.0	26.244
250	15.050	15.012	35.605	17.0	26.436
300	15.087	15.040	35.912	22.9	26.667
350	14.704	14.651	35.964	23.6	26.792
400	18.004	17.934	37.164	52.8	26.947
450	18.202	18.123	37.296	53.3	27.001

Redsox-1 Station 012
Latitude: 12 13.13 N
Longitude: 044 04.65 E
Date: 18-02-2001
Time: 2258 GMT

Rsx1-012



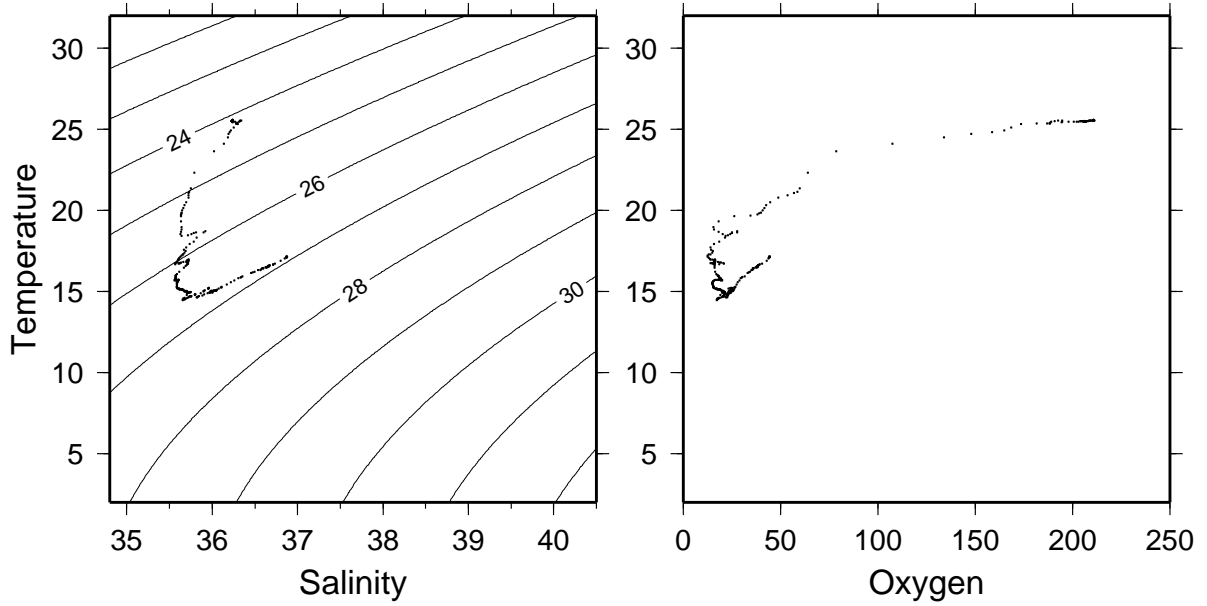
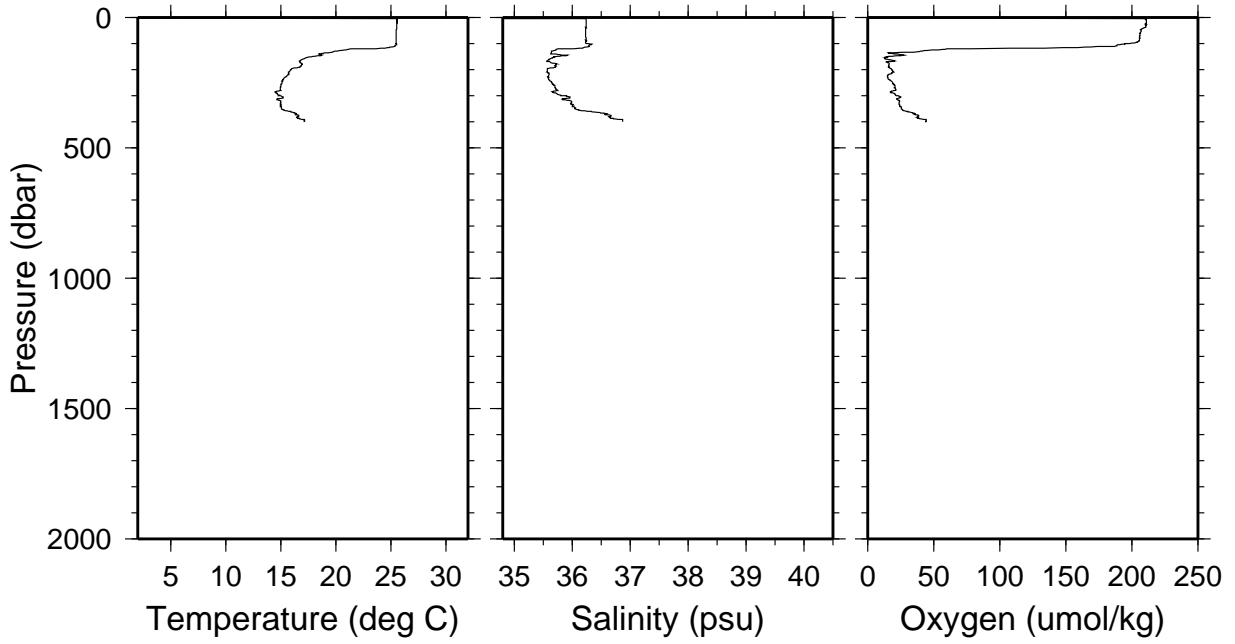
Redsox-1 **Station 013**
Latitude: 12° 15.39 N
Longitude: 044° 0.09 E
Date: 19-02-2001 0030 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.552	25.550	36.236	210.7	24.107
20	25.552	25.547	36.237	210.9	24.108
30	25.550	25.544	36.236	210.6	24.109
40	25.527	25.519	36.234	209.1	24.115
50	25.497	25.486	36.234	206.9	24.125
60	25.497	25.484	36.235	206.4	24.126
70	25.498	25.483	36.235	206.2	24.126
80	25.499	25.482	36.235	205.9	24.127
90	25.495	25.475	36.235	205.3	24.128
100	25.439	25.417	36.238	194.5	24.149
110	25.350	25.325	36.281	186.8	24.209
120	22.317	22.293	35.789	63.9	24.734
130	19.872	19.848	35.643	39.8	25.292
140	18.434	18.410	35.643	21.6	25.662
150	17.731	17.705	35.696	14.0	25.878
160	16.975	16.949	35.605	14.1	25.991
170	16.739	16.711	35.614	14.1	26.055
180	16.927	16.898	35.720	16.1	26.091
190	16.718	16.687	35.714	16.2	26.137
200	15.928	15.897	35.570	18.2	26.210
250	15.123	15.085	35.649	18.8	26.454
300	14.819	14.773	35.802	22.2	26.640
350	15.073	15.020	36.045	25.5	26.774
400	17.120	17.053	36.868	44.1	26.936

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
400.8	1	17.123	17.055	36.858	43.4
349.7	2	15.091	15.037	36.056	26.2
288.6	3	14.536	14.493	35.713	19.0
221.3	4	15.601	15.566	35.599	15.4
186.1	5	16.728	16.697	35.713	16.6
97.2	6	25.470	25.449	36.285	191.6
56.2	7	25.499	25.487	36.245	204.0
2.5	8	25.538	25.537	36.243	209.8

Redsox-1 Station 013
Latitude: 12 15.39 N
Longitude: 044 00.09 E
Date: 19-02-2001
Time: 0030 GMT

Rsx1-013

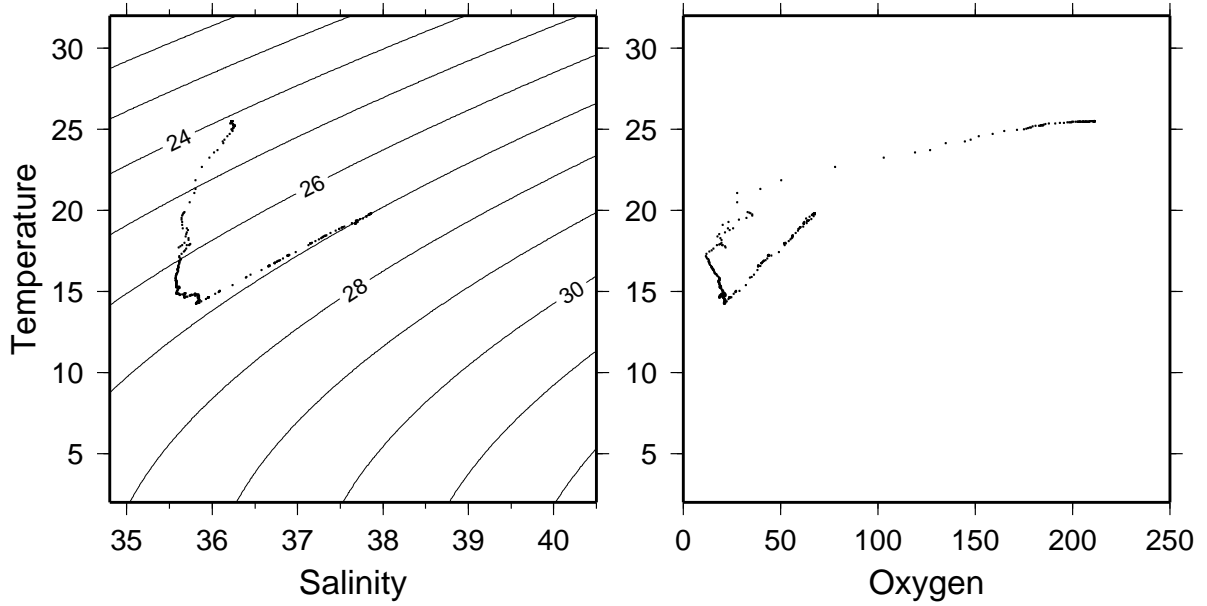
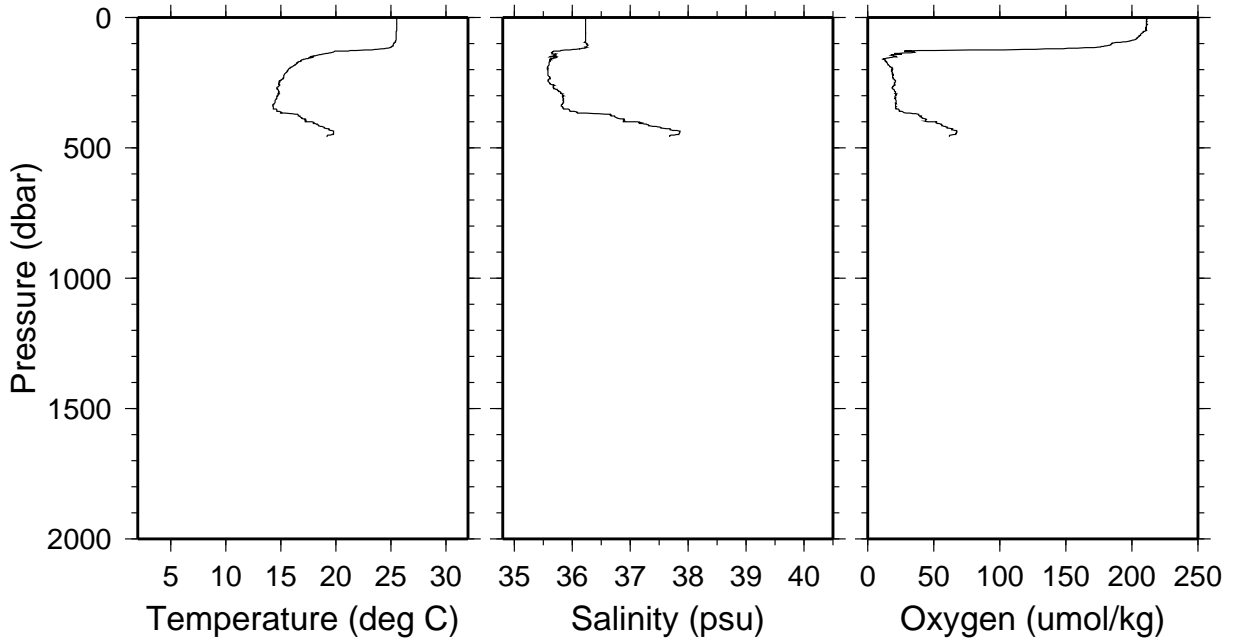


Redsox-1 **Station 014**
Latitude: 12° 12.77 N
Longitude: 043° 54.03 E
Date: 19-02-2001 0217 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.504	25.502	36.229	211.2	24.116
20	25.505	25.500	36.229	211.1	24.117
30	25.507	25.500	36.229	211.0	24.117
40	25.504	25.495	36.229	210.8	24.118
50	25.508	25.497	36.229	210.6	24.118
60	25.467	25.454	36.225	207.4	24.128
70	25.464	25.449	36.226	205.5	24.130
80	25.461	25.443	36.227	203.6	24.133
90	25.428	25.408	36.229	198.7	24.145
100	25.244	25.222	36.246	184.8	24.215
110	25.124	25.100	36.251	178.5	24.256
120	24.241	24.215	36.124	144.8	24.428
130	19.890	19.866	35.677	32.9	25.313
140	18.888	18.863	35.701	25.7	25.592
150	17.706	17.681	35.610	21.8	25.818
160	17.114	17.087	35.613	12.0	25.964
170	16.652	16.624	35.609	13.8	26.071
180	16.355	16.326	35.596	15.4	26.131
190	15.959	15.929	35.577	17.5	26.208
200	15.684	15.652	35.576	18.4	26.270
250	14.854	14.816	35.604	20.4	26.479
300	14.718	14.673	35.846	21.3	26.697
350	14.339	14.287	35.849	21.6	26.783
400	17.415	17.347	36.976	49.1	26.948
450	19.625	19.541	37.803	65.0	27.024

Redsox-1 Station 014
Latitude: 12 12.77 N
Longitude: 043 54.03 E
Date: 19-02-2001
Time: 0217 GMT

Rsx1-014



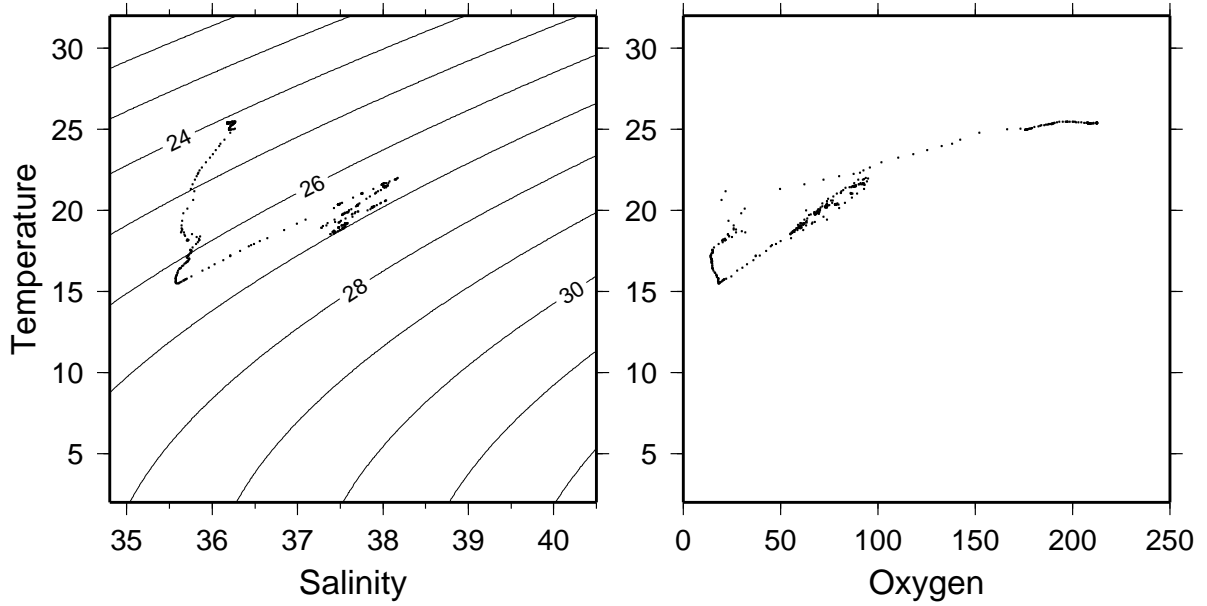
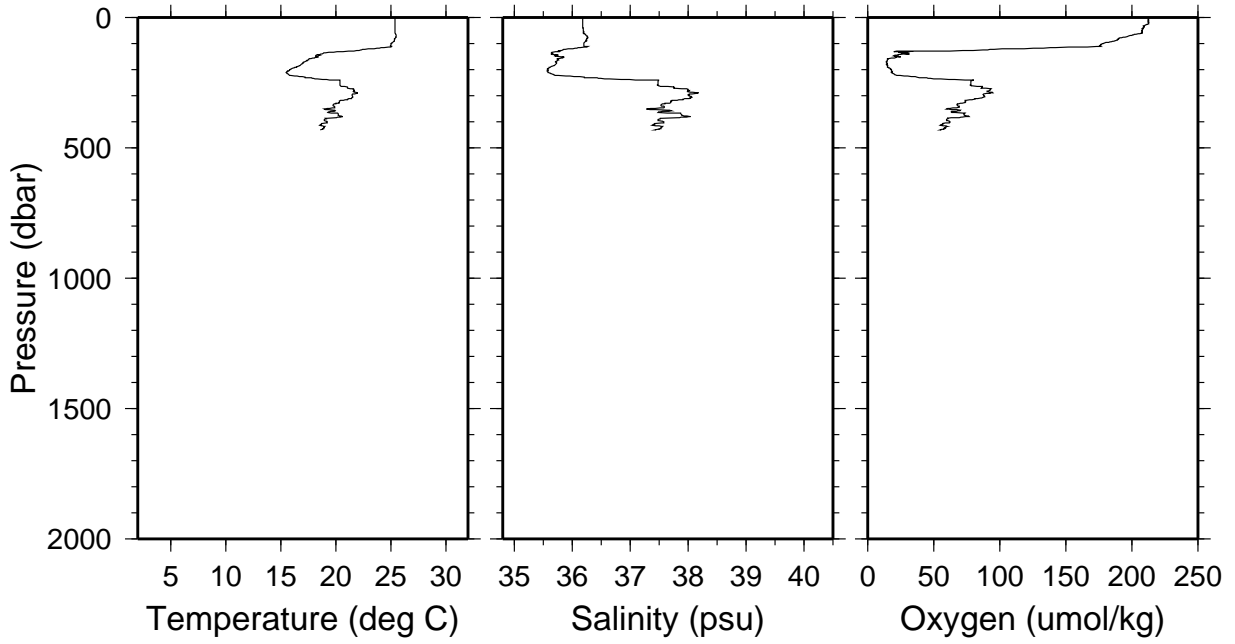
Redsox-1 **Station 015**
Latitude: 12° 9.14 N
Longitude: 043° 48.59 E
Date: 19-02-2001 0353 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.378	25.375	36.177	212.5	24.116
20	25.379	25.374	36.177	212.5	24.116
30	25.369	25.362	36.181	209.6	24.123
40	25.367	25.358	36.185	208.7	24.127
50	25.379	25.368	36.191	208.0	24.129
60	25.384	25.371	36.194	207.8	24.130
70	25.458	25.443	36.250	197.4	24.150
80	25.359	25.341	36.252	190.2	24.183
90	25.303	25.283	36.239	187.3	24.191
100	25.032	25.010	36.201	178.0	24.246
110	24.975	24.951	36.215	176.2	24.275
120	23.257	23.232	35.977	110.6	24.608
130	21.176	21.151	35.794	21.7	25.057
140	18.640	18.615	35.633	31.8	25.603
150	18.356	18.330	35.818	24.9	25.816
160	17.530	17.503	35.749	15.0	25.968
170	17.190	17.161	35.713	14.0	26.023
180	16.853	16.823	35.710	14.7	26.101
190	16.419	16.389	35.624	15.0	26.138
200	15.814	15.782	35.573	17.8	26.238
250	20.351	20.304	37.476	78.0	26.570
300	21.472	21.413	38.013	87.9	26.675
350	19.018	18.955	37.296	59.7	26.789
400	19.162	19.089	37.569	61.8	26.963

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
430.8	1	18.555	18.478	37.519	-10.0
251.0	2	20.336	20.288	37.471	-10.0
206.5	3	15.609	15.577	35.608	-10.0
86.9	4	25.324	25.305	36.250	-10.0
46.8	5	25.372	25.362	36.196	-10.0
2.6	6	25.373	25.372	36.186	-10.0

Redsox-1 Station 015
Latitude: 12 09.14 N
Longitude: 043 48.59 E
Date: 19-02-2001
Time: 0353 GMT

Rsx1-015

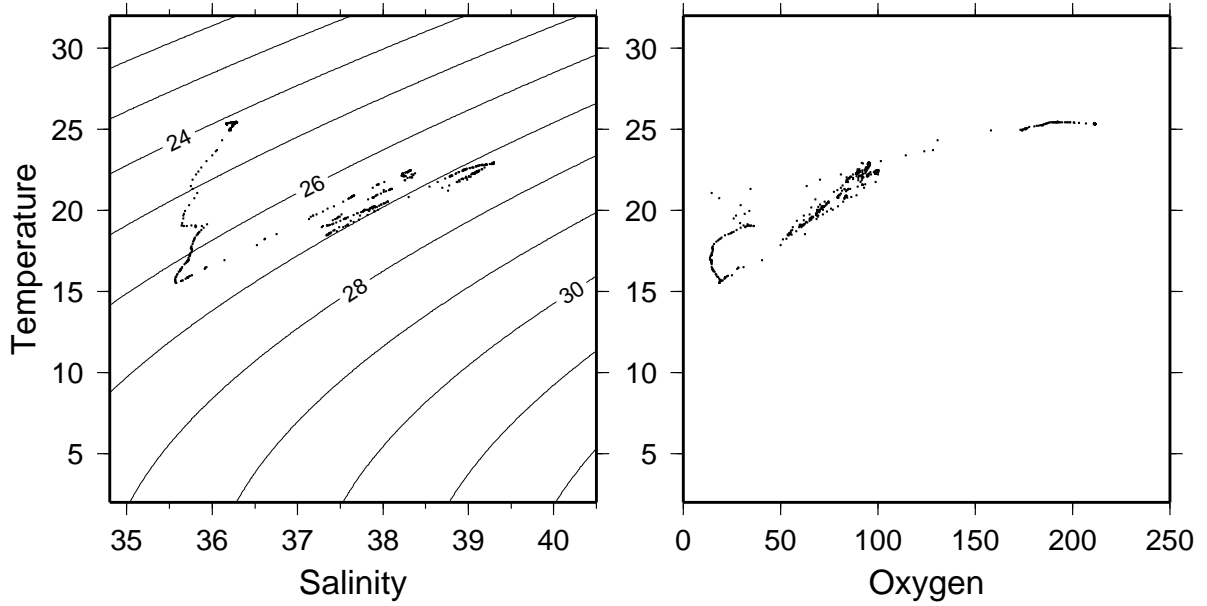
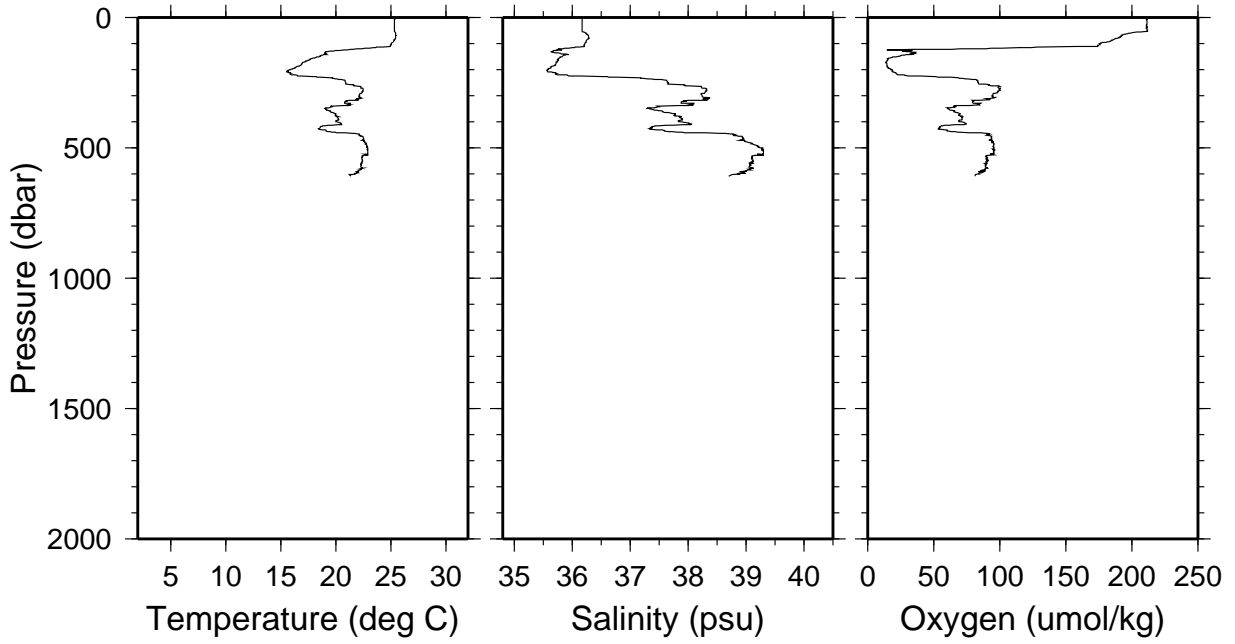


Redsox-1 **Station 016**
Latitude: 12° 8.34 N
Longitude: 043° 46.59 E
Date: 19-02-2001 0545 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.338	25.336	36.173	211.3	24.125
20	25.335	25.330	36.172	211.4	24.126
30	25.339	25.332	36.173	210.9	24.126
40	25.338	25.329	36.173	211.5	24.127
50	25.339	25.328	36.172	211.7	24.127
60	25.426	25.413	36.234	198.5	24.148
70	25.446	25.431	36.279	192.1	24.176
80	25.418	25.400	36.287	188.3	24.191
90	25.254	25.234	36.239	184.2	24.206
100	25.041	25.019	36.216	175.7	24.254
110	24.947	24.923	36.204	174.2	24.275
120	22.218	22.194	35.811	81.1	24.779
130	19.491	19.467	35.661	26.0	25.406
140	18.955	18.930	35.806	31.9	25.656
150	18.453	18.426	35.815	21.4	25.790
160	17.649	17.622	35.757	15.1	25.945
170	17.217	17.188	35.739	14.4	26.036
180	16.862	16.833	35.710	14.5	26.100
190	16.342	16.312	35.626	15.1	26.157
200	15.877	15.845	35.575	17.7	26.226
250	20.903	20.855	37.655	83.7	26.557
300	22.128	22.067	38.241	94.5	26.664
350	19.066	19.003	37.344	61.2	26.813
400	20.016	19.940	37.839	70.1	26.945
450	22.153	22.061	38.807	90.6	27.097
500	22.903	22.798	39.284	95.6	27.246
550	22.419	22.305	39.118	90.4	27.263
600	21.803	21.682	38.901	84.7	27.276

Redsox-1 Station 016
Latitude: 12 08.34 N
Longitude: 043 46.59 E
Date: 19-02-2001
Time: 0545 GMT

Rsx1-016



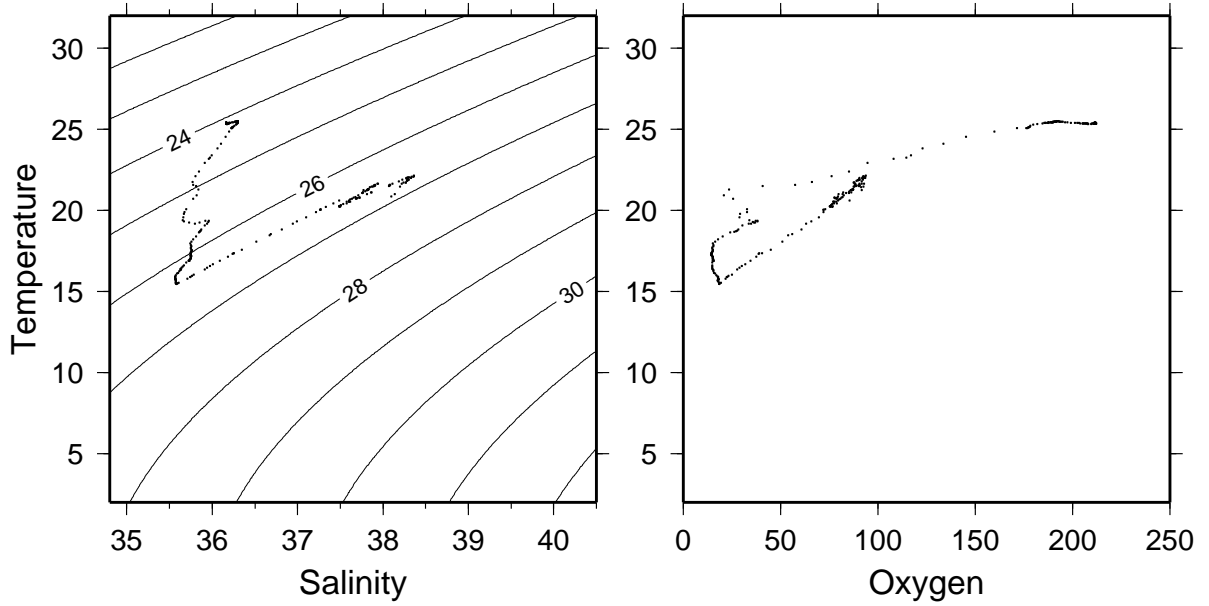
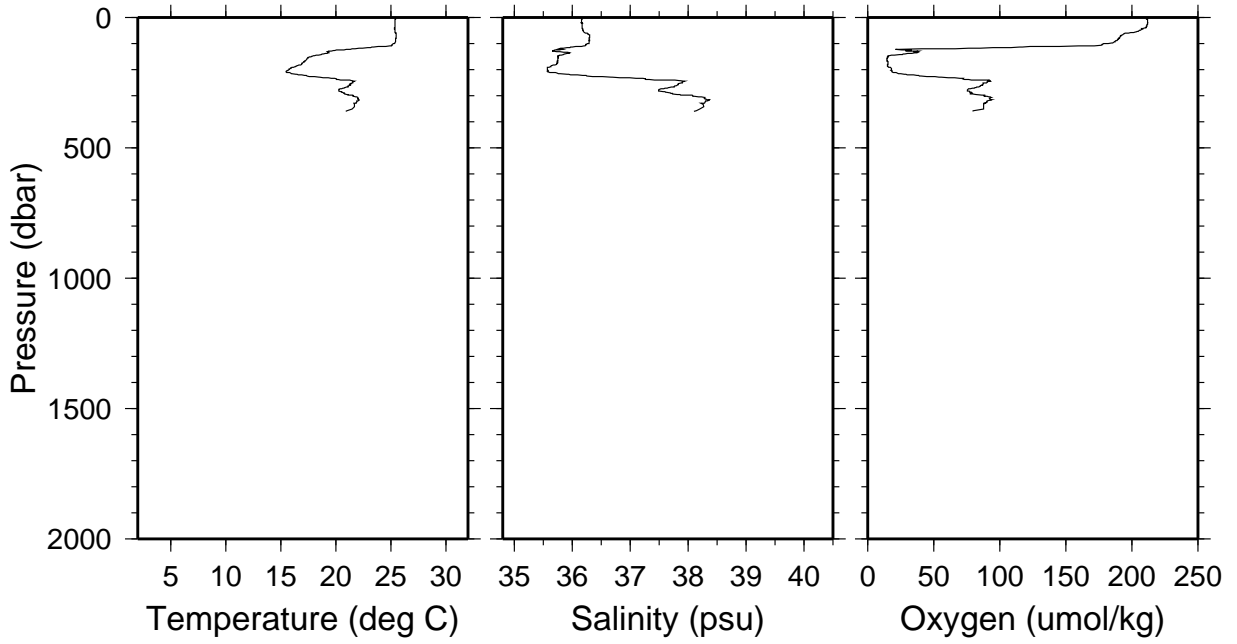
Redsox-1 **Station 017**
Latitude: 12° 7.48 N
Longitude: 043° 44.87 E
Date: 19-02-2001 0729 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.364	25.362	36.164	211.8	24.110
20	25.354	25.350	36.165	212.1	24.115
30	25.347	25.341	36.166	211.4	24.118
40	25.340	25.332	36.170	209.9	24.124
50	25.354	25.344	36.185	205.8	24.132
60	25.442	25.429	36.249	196.0	24.153
70	25.477	25.461	36.297	191.7	24.180
80	25.448	25.430	36.290	190.0	24.184
90	25.414	25.394	36.295	187.6	24.199
100	25.271	25.249	36.276	179.6	24.230
110	24.550	24.526	36.160	145.2	24.362
120	21.559	21.536	35.780	57.4	24.940
130	19.318	19.295	35.672	38.1	25.459
140	18.763	18.738	35.864	27.5	25.749
150	17.714	17.689	35.753	15.0	25.926
160	17.357	17.330	35.748	14.6	26.010
170	17.102	17.073	35.751	15.2	26.073
180	16.906	16.876	35.731	15.3	26.105
190	16.160	16.129	35.597	15.9	26.178
200	15.734	15.703	35.572	18.1	26.256
250	21.504	21.454	37.898	90.5	26.576
300	21.546	21.487	38.081	88.3	26.706

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
358.5	1	21.035	20.965	38.155	84.5
315.6	2	22.173	22.109	38.361	100.5
248.4	3	21.458	21.409	37.865	92.8
171.5	4	17.066	17.037	35.762	22.1
85.3	5	25.453	25.434	36.305	192.7
35.2	6	25.346	25.338	36.173	214.2
2.4	7	25.479	25.478	36.172	216.0

Redsox-1 Station 017
Latitude: 12 07.48 N
Longitude: 043 44.87 E
Date: 19-02-2001
Time: 0729 GMT

Rsx1-017

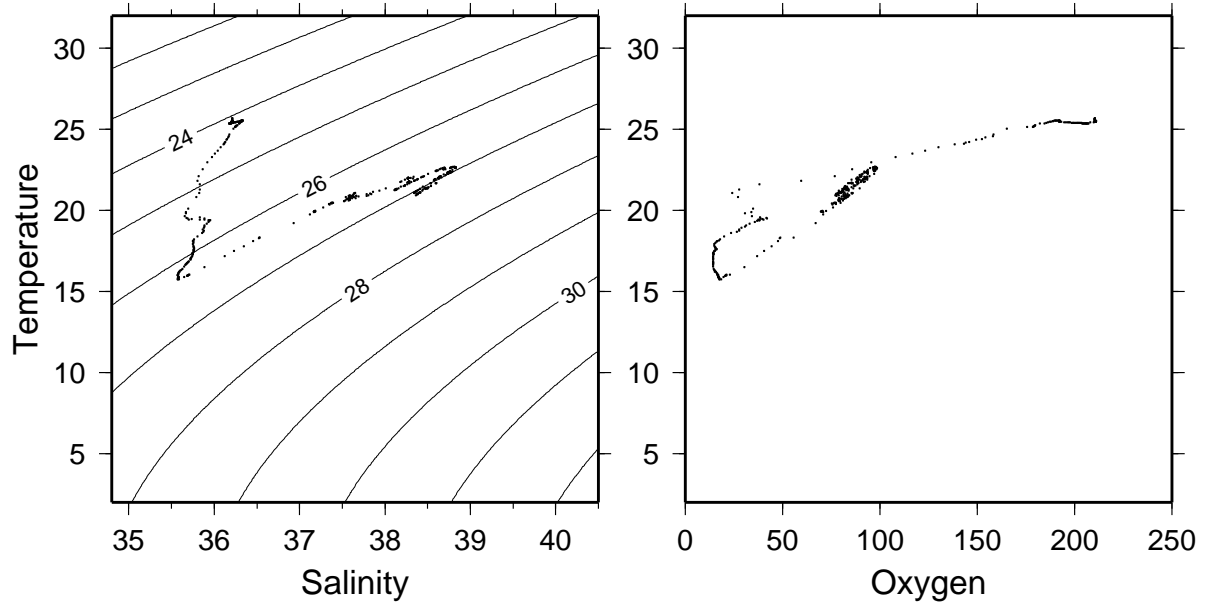
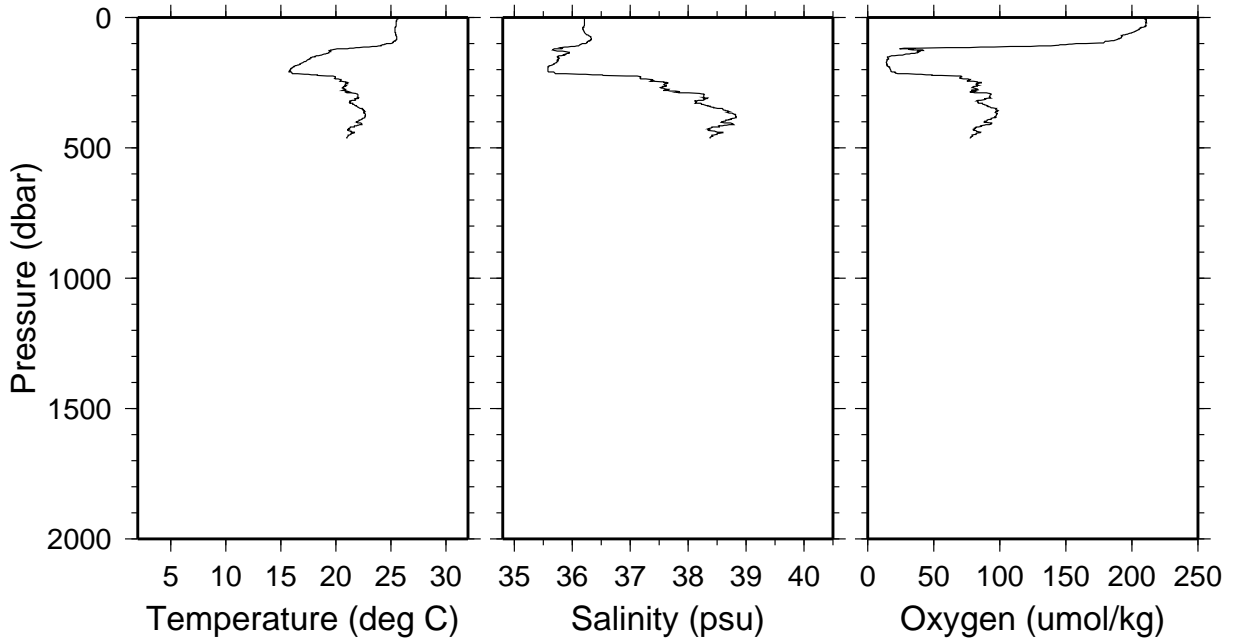


Redsox-1 **Station 018**
Latitude: 12° 6.92 N
Longitude: 043° 43.34 E
Date: 19-02-2001 0856 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.512	25.510	36.211	210.7	24.100
20	25.480	25.476	36.210	210.8	24.110
30	25.464	25.457	36.207	210.5	24.113
40	25.349	25.340	36.179	206.6	24.128
50	25.374	25.363	36.195	203.8	24.133
60	25.405	25.392	36.218	199.1	24.142
70	25.478	25.462	36.287	192.5	24.172
80	25.524	25.507	36.329	190.6	24.190
90	25.369	25.349	36.292	184.7	24.211
100	24.692	24.671	36.179	158.3	24.333
110	23.665	23.642	36.042	123.3	24.537
120	20.809	20.787	35.789	27.0	25.153
130	19.420	19.396	35.831	38.0	25.554
140	18.991	18.966	35.884	30.5	25.706
150	18.083	18.058	35.758	16.1	25.839
160	17.559	17.531	35.754	15.3	25.965
170	17.138	17.110	35.739	14.3	26.055
180	16.703	16.673	35.675	14.2	26.110
190	16.103	16.073	35.578	16.3	26.175
200	15.869	15.837	35.577	17.1	26.229
250	21.039	20.991	37.634	85.8	26.503
300	21.997	21.937	38.275	92.7	26.726
350	22.431	22.359	38.597	97.0	26.851
400	21.923	21.842	38.590	88.3	26.993
450	21.311	21.222	38.478	80.7	27.083

Redsox-1 Station 018
Latitude: 12 06.92 N
Longitude: 043 43.34 E
Date: 19-02-2001
Time: 0856 GMT

Rsx1-018



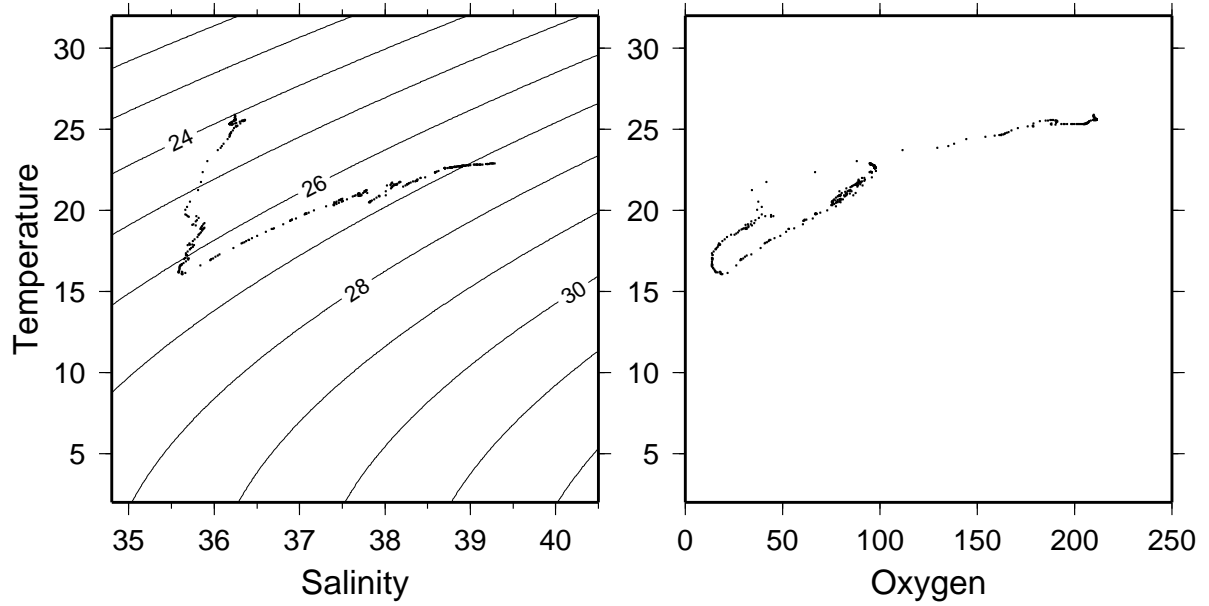
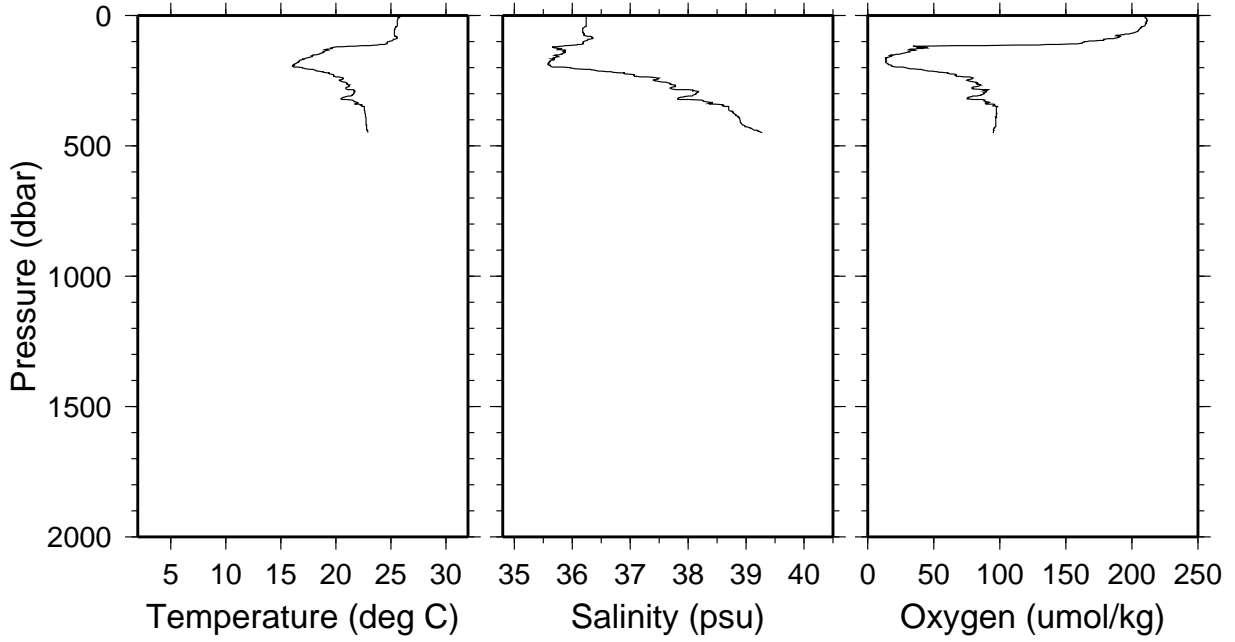
Redsox-1 **Station 019**
Latitude: 12° 6.52 N
Longitude: 043° 41.99 E
Date: 19-02-2001 1013 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.646	25.644	36.243	210.6	24.082
20	25.598	25.593	36.243	211.2	24.098
30	25.575	25.568	36.243	210.8	24.106
40	25.558	25.549	36.241	209.8	24.111
50	25.359	25.348	36.185	206.2	24.130
60	25.333	25.320	36.181	204.6	24.136
70	25.318	25.302	36.197	198.1	24.154
80	25.465	25.447	36.300	191.2	24.187
90	25.488	25.468	36.339	182.0	24.209
100	24.779	24.757	36.195	165.3	24.319
110	24.410	24.386	36.156	144.4	24.401
120	20.197	20.174	35.684	39.2	25.237
130	19.154	19.131	35.755	32.1	25.565
140	18.940	18.915	35.886	30.9	25.720
150	18.201	18.175	35.772	20.2	25.820
160	17.607	17.579	35.715	15.8	25.923
170	16.966	16.938	35.694	13.9	26.062
180	16.563	16.534	35.599	13.8	26.085
190	16.209	16.179	35.622	17.8	26.185
200	16.985	16.952	35.966	28.6	26.267
250	20.325	20.278	37.405	75.6	26.523
300	21.608	21.548	38.135	87.8	26.730
350	22.597	22.525	38.701	97.8	26.883
400	22.724	22.641	38.894	97.0	26.995
450	22.892	22.799	39.282	94.8	27.244

Press (dbar)	Bottle	Bottle Data			
		Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
449.6	1	22.891	22.797	39.261	99.6
404.1	2	22.727	22.643	38.917	101.5
321.8	3	21.334	21.271	38.058	84.2
303.7	4	21.543	21.483	38.103	90.0
181.4	5	16.555	16.525	35.615	19.5
100.3	6	24.517	24.495	36.177	161.4
50.7	7	25.343	25.332	36.191	209.5
1.3	8	25.827	25.827	36.238	218.3

Redsox-1 Station 019
Latitude: 12 06.52 N
Longitude: 043 41.99 E
Date: 19-02-2001
Time: 1013 GMT

Rsx1-019

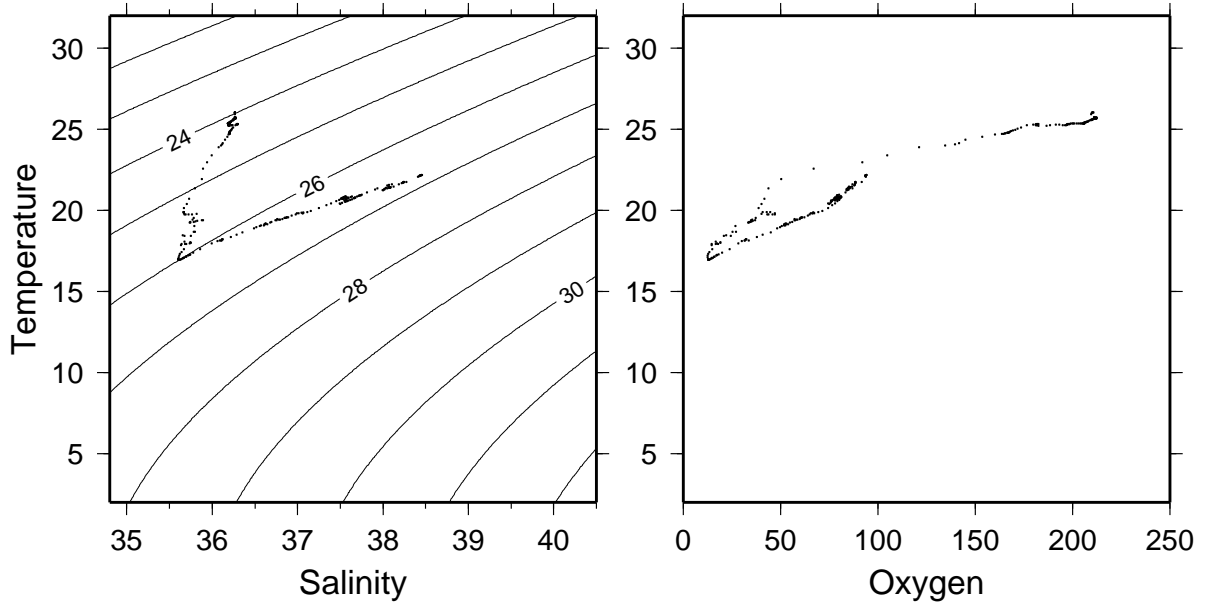
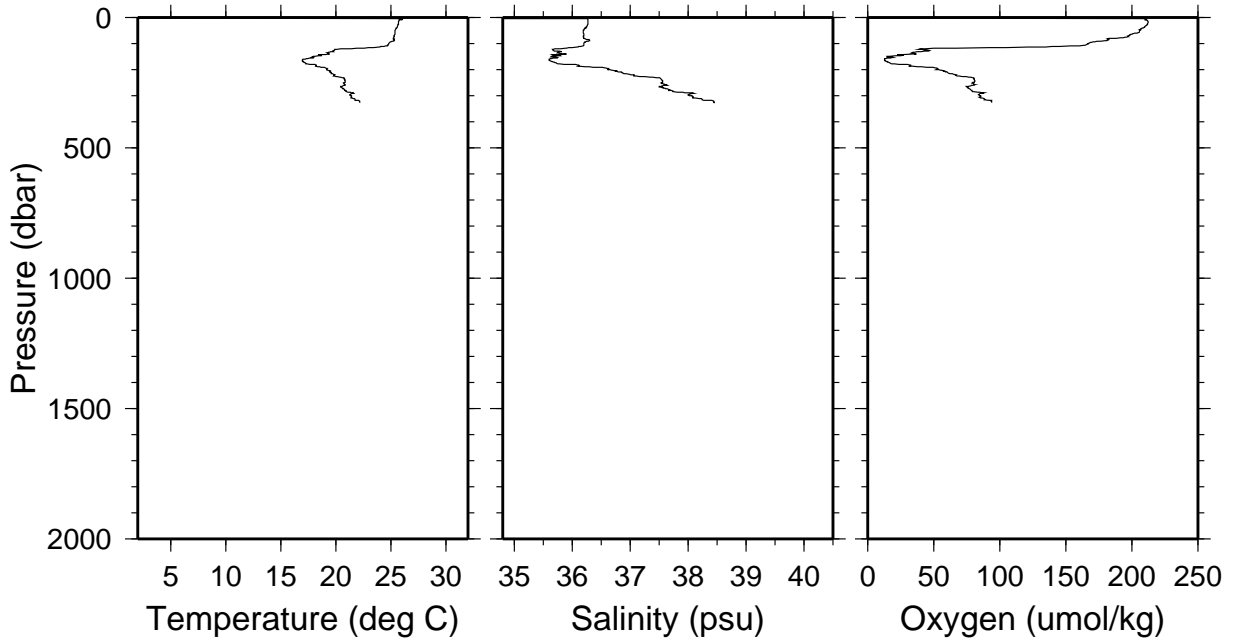


Redsox-1 **Station 020**
Latitude: 12° 6.05 N
Longitude: 043° 40.59 E
Date: 19-02-2001 1133 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.753	25.750	36.269	211.0	24.069
20	25.686	25.681	36.270	212.2	24.091
30	25.638	25.631	36.261	211.1	24.100
40	25.508	25.500	36.227	208.1	24.115
50	25.382	25.371	36.194	205.7	24.130
60	25.353	25.340	36.192	203.0	24.138
70	25.315	25.299	36.198	197.3	24.155
80	25.207	25.189	36.189	186.6	24.182
90	25.282	25.262	36.288	179.8	24.235
100	24.784	24.763	36.200	166.9	24.320
110	24.360	24.337	36.149	145.0	24.411
120	20.697	20.675	35.729	41.7	25.137
130	19.744	19.720	35.765	43.0	25.419
140	19.378	19.353	35.877	37.0	25.601
150	17.868	17.842	35.634	14.5	25.797
160	17.123	17.097	35.606	12.5	25.956
170	17.061	17.033	35.663	14.7	26.015
180	17.947	17.916	35.993	28.2	26.053
190	18.629	18.595	36.357	44.9	26.162
200	19.088	19.052	36.607	52.3	26.237
250	20.788	20.739	37.546	79.4	26.505
300	21.360	21.301	38.048	85.6	26.733

Redsox-1 Station 020
Latitude: 12 06.05 N
Longitude: 043 40.59 E
Date: 19-02-2001
Time: 1133 GMT

Rsx1-020



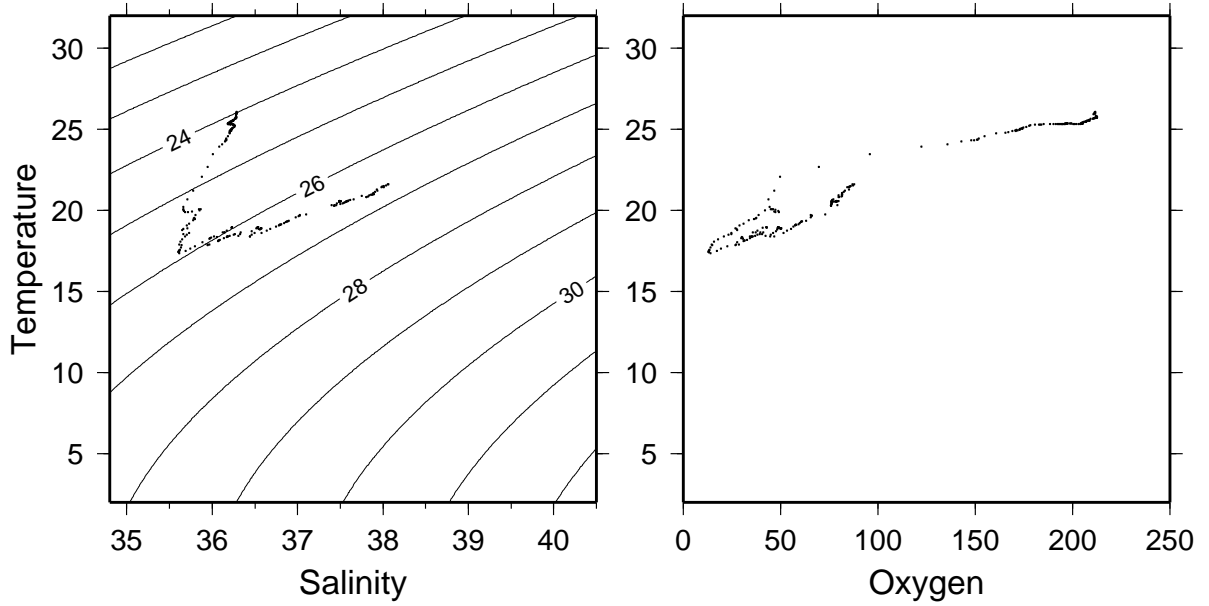
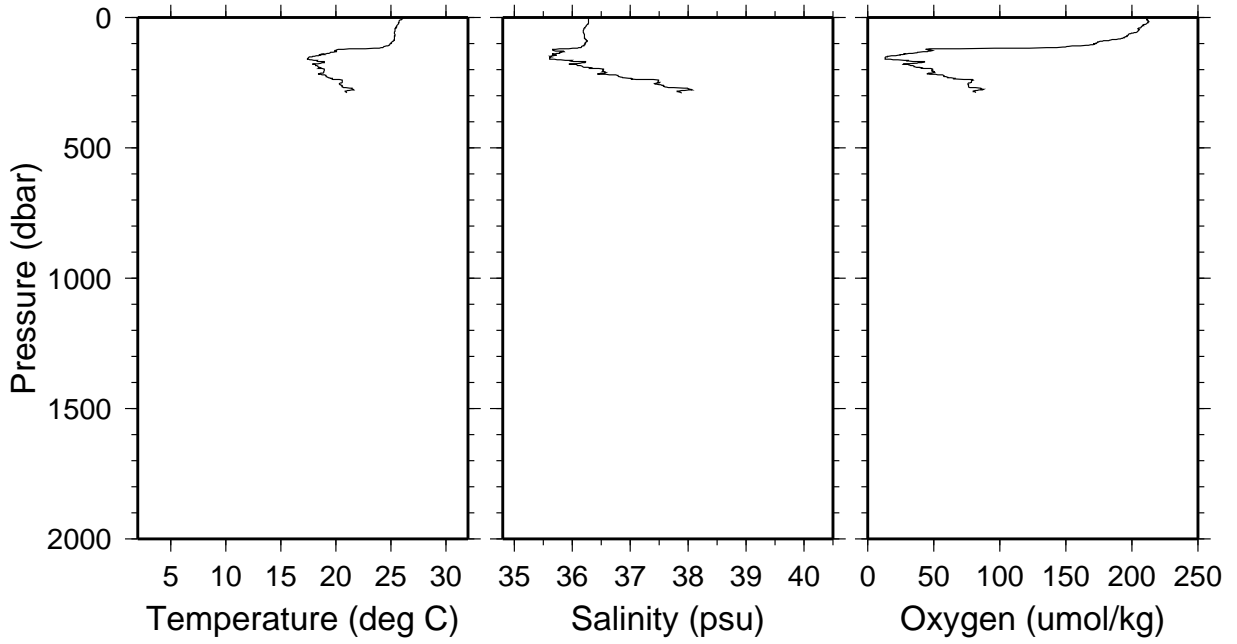
Redsox-1 **Station 021**
Latitude: 12° 5.57 N
Longitude: 043° 39.00 E
Date: 19-02-2001 1251 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.831	25.829	36.280	211.8	24.053
20	25.714	25.710	36.280	212.0	24.090
30	25.552	25.545	36.243	208.6	24.113
40	25.447	25.438	36.213	206.0	24.124
50	25.366	25.355	36.192	205.0	24.134
60	25.338	25.325	36.197	200.4	24.146
70	25.344	25.328	36.209	196.4	24.154
80	25.321	25.303	36.214	192.8	24.166
90	25.240	25.220	36.260	178.3	24.226
100	24.977	24.955	36.221	172.7	24.278
110	24.430	24.406	36.164	151.8	24.401
120	22.067	22.043	35.879	49.6	24.874
130	20.060	20.036	35.846	46.1	25.398
140	18.869	18.844	35.659	27.4	25.565
150	17.864	17.839	35.640	14.9	25.802
160	17.374	17.347	35.616	14.1	25.904
170	18.928	18.897	36.230	42.8	25.988
180	17.897	17.866	35.968	28.6	26.047
190	18.423	18.389	36.204	36.9	26.098
200	18.947	18.911	36.534	48.9	26.217
250	20.575	20.527	37.508	78.4	26.534

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
289.8	1	21.007	20.951	37.881	82.4
243.7	2	20.536	20.489	37.488	77.7
100.0	3	24.935	24.913	36.222	170.1
50.0	4	25.363	25.352	36.200	204.1
1.9	5	26.070	26.070	36.292	213.4

Redsox-1 Station 021
Latitude: 12 05.57 N
Longitude: 043 39.00 E
Date: 19-02-2001
Time: 1251 GMT

Rsx1-021

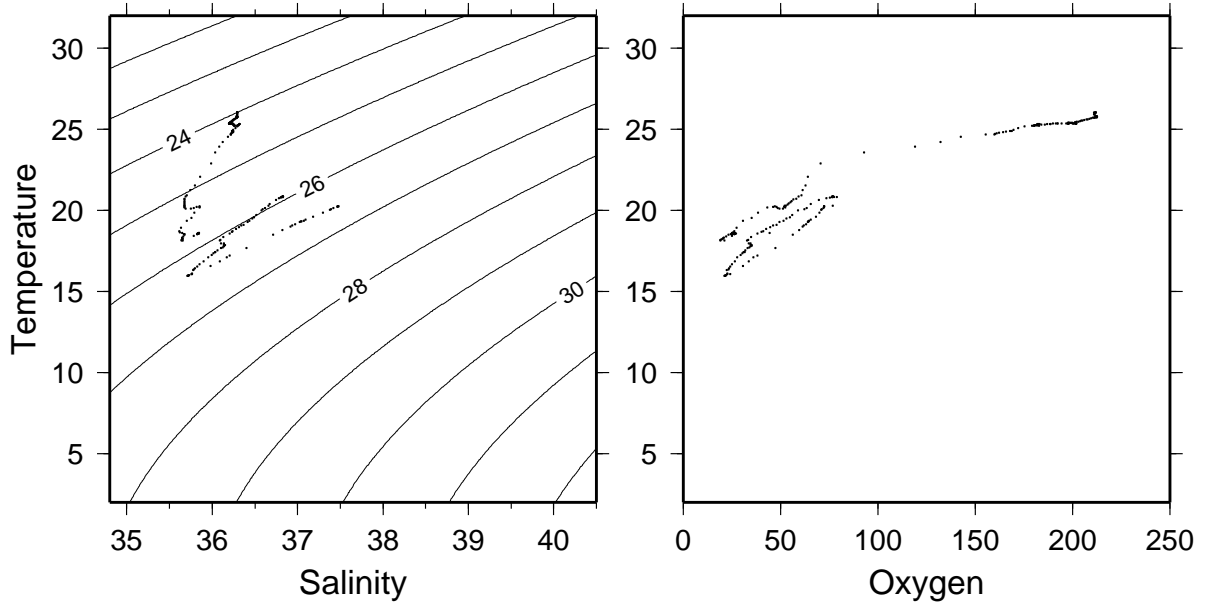
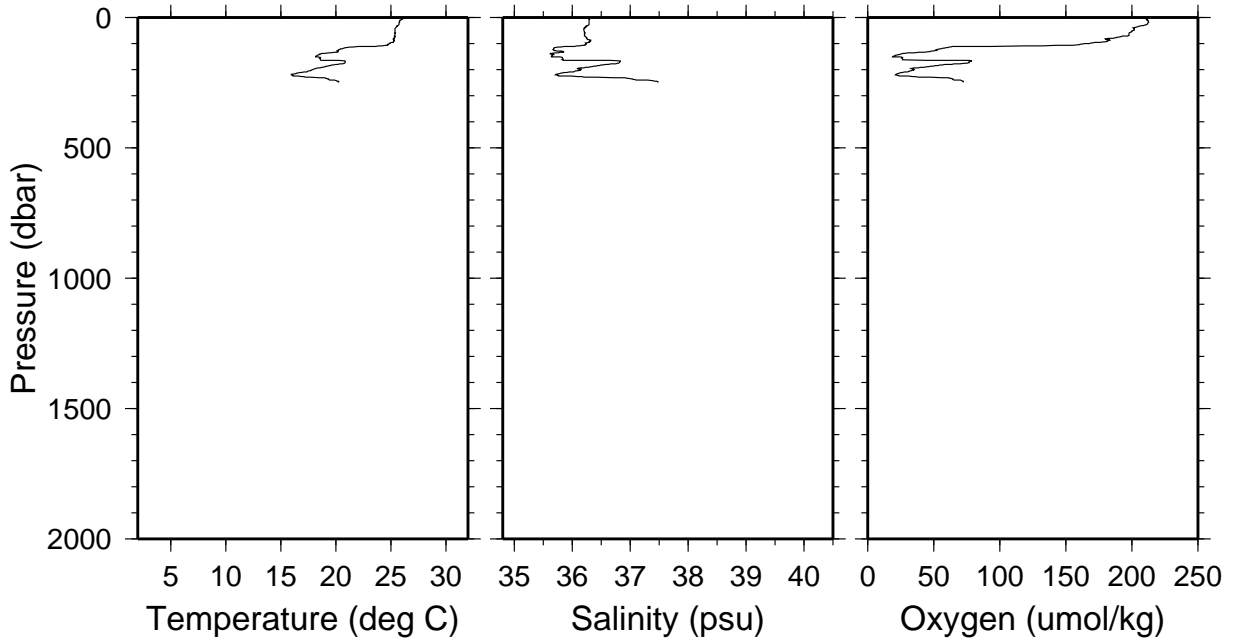


Redsox-1 **Station 022**
Latitude: 12° 5.70 N
Longitude: 043° 36.57 E
Date: 19-02-2001 1406 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.875	25.873	36.291	211.3	24.047
20	25.752	25.747	36.291	212.3	24.087
30	25.650	25.643	36.267	208.8	24.101
40	25.419	25.410	36.213	201.3	24.132
50	25.362	25.351	36.200	201.2	24.140
60	25.395	25.382	36.219	197.6	24.146
70	25.347	25.332	36.208	196.8	24.153
80	25.293	25.276	36.250	183.9	24.202
90	25.267	25.248	36.307	181.8	24.253
100	24.870	24.848	36.248	165.8	24.331
110	23.557	23.534	36.037	93.0	24.564
120	20.487	20.465	35.676	54.9	25.154
130	20.197	20.172	35.819	47.9	25.341
140	18.592	18.567	35.646	25.1	25.625
150	18.149	18.123	35.639	18.9	25.731
160	18.581	18.553	35.838	26.5	25.776
170	20.851	20.818	36.826	76.7	25.935
180	20.054	20.020	36.591	62.1	25.971
190	18.841	18.807	36.278	42.7	26.048
200	17.839	17.804	36.139	35.1	26.193

Redsox-1 Station 022
Latitude: 12 05.70 N
Longitude: 043 36.57 E
Date: 19-02-2001
Time: 1406 GMT

Rsx1-022



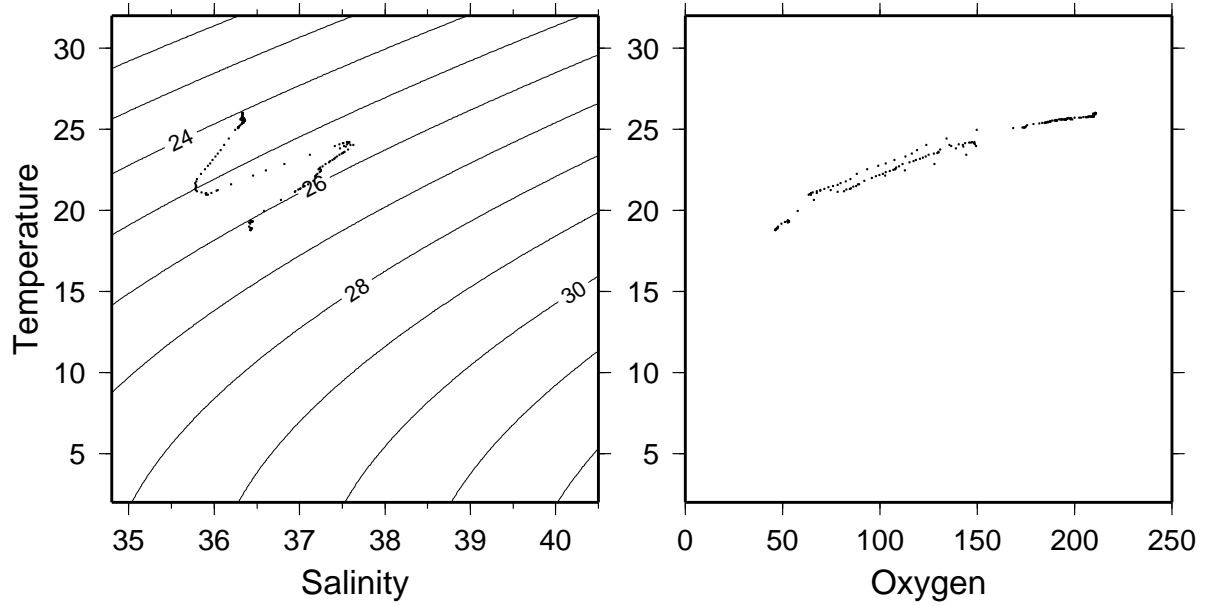
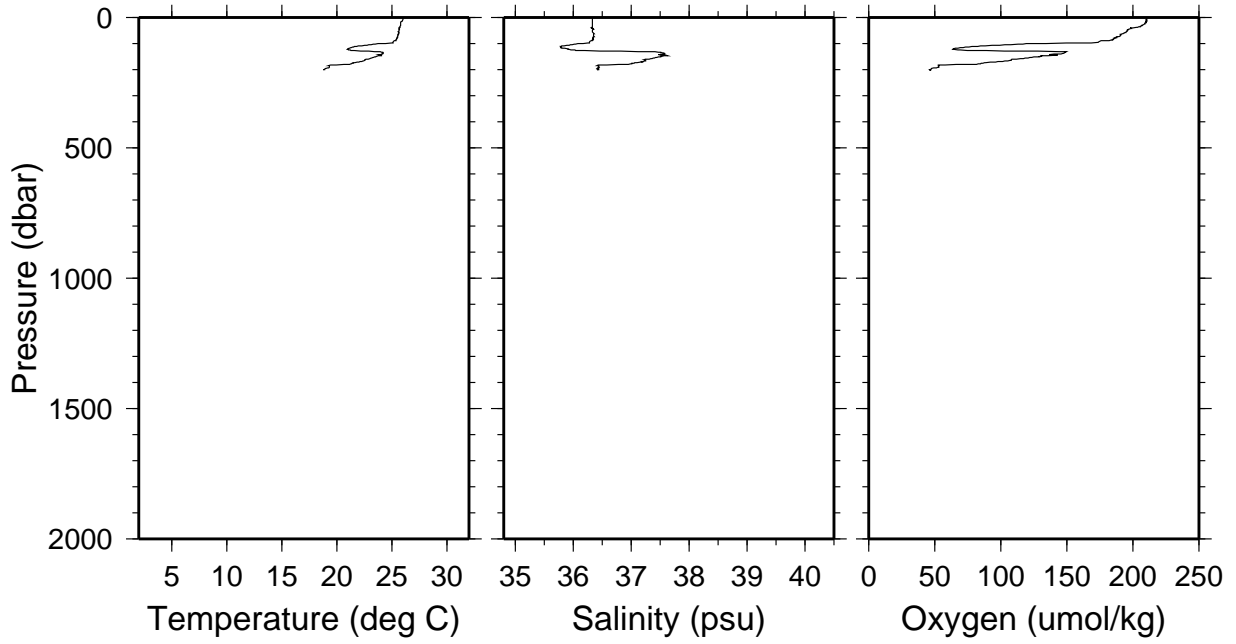
Redsox-1 **Station 023**
Latitude: 12° 6.02 N
Longitude: 043° 33.26 E
Date: 19-02-2001 1527 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.975	25.972	36.334	210.2	24.049
20	25.797	25.792	36.333	209.7	24.105
30	25.768	25.762	36.332	207.1	24.113
40	25.643	25.634	36.313	197.9	24.139
50	25.623	25.612	36.328	195.7	24.157
60	25.608	25.594	36.350	193.3	24.178
70	25.549	25.534	36.353	190.5	24.200
80	25.426	25.408	36.332	186.3	24.223
90	25.235	25.215	36.306	175.7	24.263
100	24.033	24.012	36.119	123.7	24.485
110	21.803	21.781	35.789	82.5	24.878
120	21.026	21.003	35.902	64.7	25.180
130	22.875	22.848	36.824	127.9	25.362
140	24.147	24.117	37.572	143.6	25.555
150	23.540	23.509	37.507	129.6	25.687
160	22.713	22.680	37.270	109.7	25.749
170	22.102	22.068	37.182	98.0	25.858
180	21.150	21.116	36.944	78.3	25.943
190	19.330	19.296	36.449	53.0	26.053
200	18.848	18.812	36.432	46.5	26.164

Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Bottle Data	
				Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
203.4	1	18.789	18.753	-9.990	49.3
203.4	2	18.795	18.759	-9.990	-10.0
102.8	3	23.213	23.192	-9.990	117.9
102.8	4	23.262	23.241	-9.990	-10.0
58.2	5	25.607	25.594	-9.990	195.1
58.2	6	25.611	25.598	-9.990	-10.0
2.8	7	25.953	25.952	-9.990	209.0
2.8	8	25.953	25.952	-9.990	-10.0

Redsox-1 Station 023
Latitude: 12 06.02 N
Longitude: 043 33.26 E
Date: 19-02-2001
Time: 1527 GMT

Rsx1-023

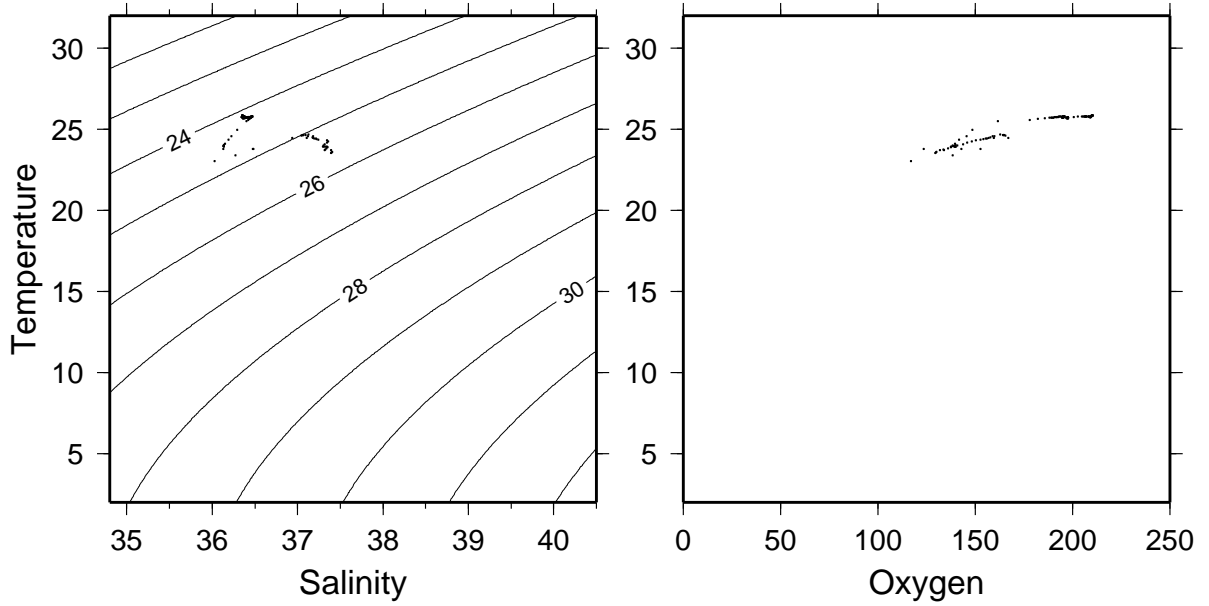
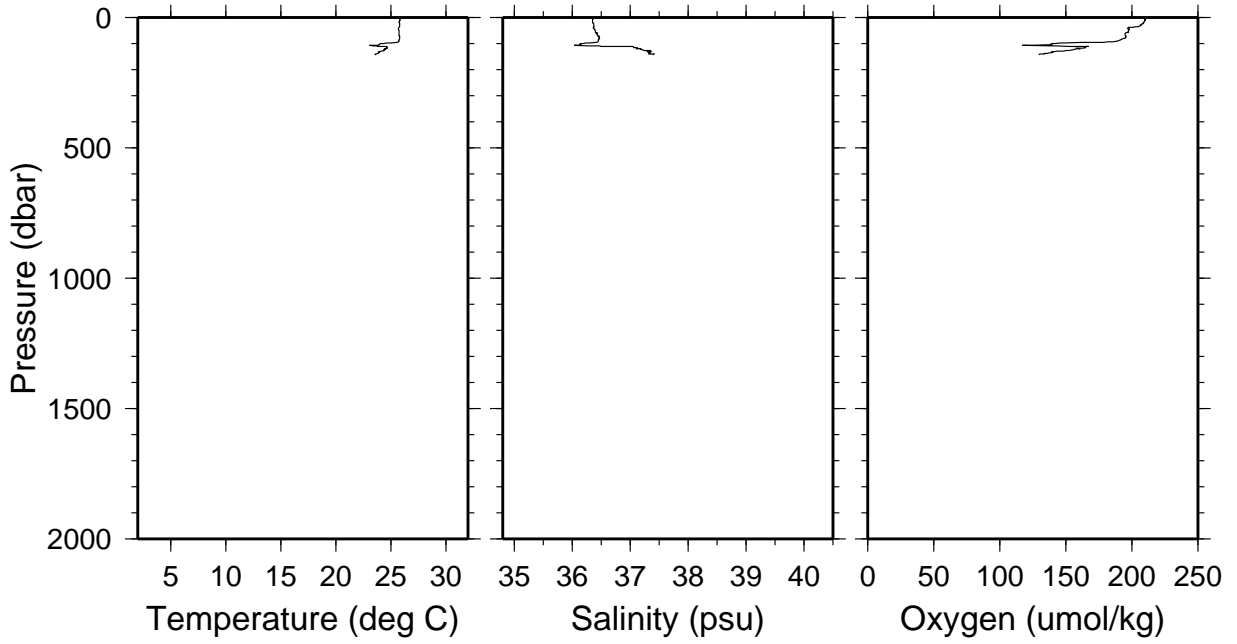


Redsox-1 **Station 024**
Latitude: 12° 6.48 N
Longitude: 043° 30.34 E
Date: 19-02-2001 1636 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.806	25.804	36.352	209.9	24.115
20	25.760	25.756	36.351	208.8	24.130
30	25.781	25.774	36.372	206.5	24.140
40	25.668	25.659	36.359	197.1	24.166
50	25.714	25.703	36.393	197.6	24.178
60	25.740	25.727	36.426	195.2	24.195
70	25.752	25.737	36.444	195.4	24.206
80	25.784	25.766	36.465	193.8	24.212
90	25.718	25.698	36.447	189.4	24.220
100	24.123	24.102	36.151	139.5	24.483
110	23.790	23.767	36.486	152.6	24.836
120	24.557	24.531	37.183	159.7	25.135
130	24.080	24.052	37.320	143.7	25.383
140	23.699	23.669	37.392	131.8	25.552

Redsox-1 Station 024
Latitude: 12 06.48 N
Longitude: 043 30.34 E
Date: 19-02-2001
Time: 1636 GMT

Rsx1-024



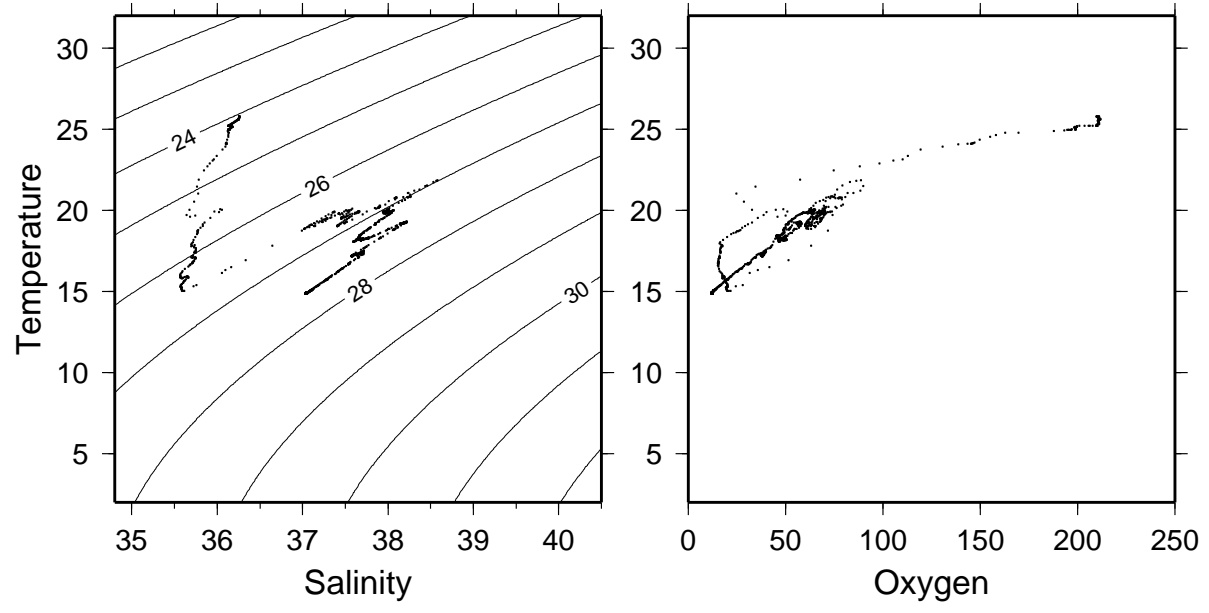
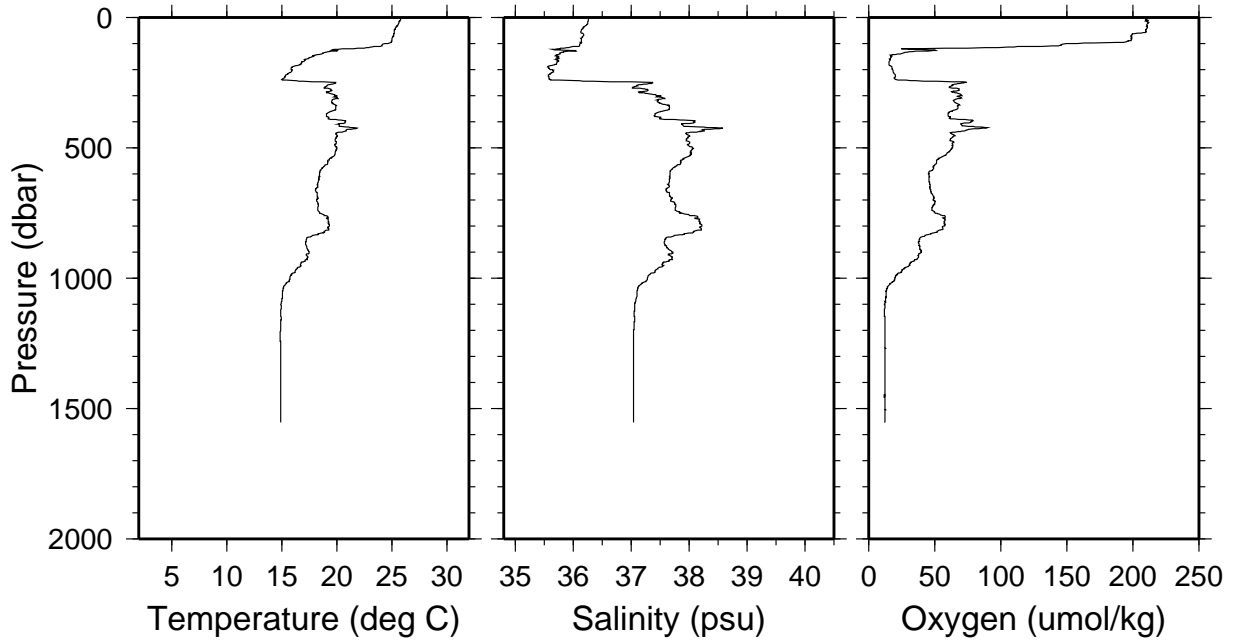
Redsox-1 **Station 025**
Latitude: 11° 59.96 N
Longitude: 043° 43.74 E
Date: 19-02-2001 1858 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.779	25.777	36.262	209.9	24.055
20	25.623	25.618	36.250	211.6	24.096
30	25.501	25.494	36.217	210.5	24.109
40	25.333	25.324	36.169	210.9	24.126
50	25.219	25.208	36.136	209.8	24.136
60	25.219	25.205	36.149	205.6	24.147
70	25.135	25.120	36.172	198.4	24.191
80	24.999	24.982	36.135	198.9	24.205
90	24.981	24.962	36.144	196.7	24.218
100	24.524	24.502	36.133	155.1	24.349
110	23.941	23.918	36.093	130.7	24.494
120	21.039	21.016	35.779	24.6	25.083
130	19.549	19.525	35.917	35.9	25.587
140	18.605	18.581	35.768	23.4	25.715
150	17.759	17.733	35.727	17.1	25.895
160	17.100	17.073	35.695	16.0	26.030
170	16.851	16.823	35.724	15.4	26.112
180	16.695	16.666	35.691	15.4	26.124
190	15.948	15.917	35.569	17.6	26.204
200	15.896	15.864	35.623	18.0	26.258
250	19.910	19.863	37.374	72.8	26.611
300	19.924	19.868	37.485	70.2	26.694
350	19.917	19.852	37.661	67.2	26.833
400	20.771	20.693	38.090	77.5	26.933
450	19.960	19.875	37.974	64.2	27.066
500	19.999	19.904	38.064	63.2	27.127
550	19.175	19.074	37.852	51.2	27.184
600	18.423	18.315	37.666	45.4	27.236
650	18.256	18.140	37.658	46.2	27.274
700	18.155	18.031	37.683	48.9	27.321
750	18.435	18.300	37.837	50.3	27.371
800	19.307	19.159	38.220	57.0	27.443
900	17.480	17.323	37.715	39.8	27.521
1000	15.721	15.558	37.280	19.8	27.605
1250	14.870	14.673	37.041	12.5	27.619
1500	14.895	14.656	37.037	12.2	27.620

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1552.9	1	14.904	14.656	37.052	17.0
801.3	2	19.229	19.080	38.211	54.7
650.6	3	18.185	18.069	37.647	45.8
500.2	4	19.858	19.764	38.033	62.0
200.9	5	15.883	15.851	35.625	18.8
100.4	6	24.232	24.211	36.120	148.1
51.0	7	25.226	25.215	36.147	207.4
2.3	8	25.713	25.712	36.261	211.8

Redsox-1 Station 025
Latitude: 11 59.96 N
Longitude: 043 43.74 E
Date: 19-02-2001
Time: 1858 GMT

Rsx1-025

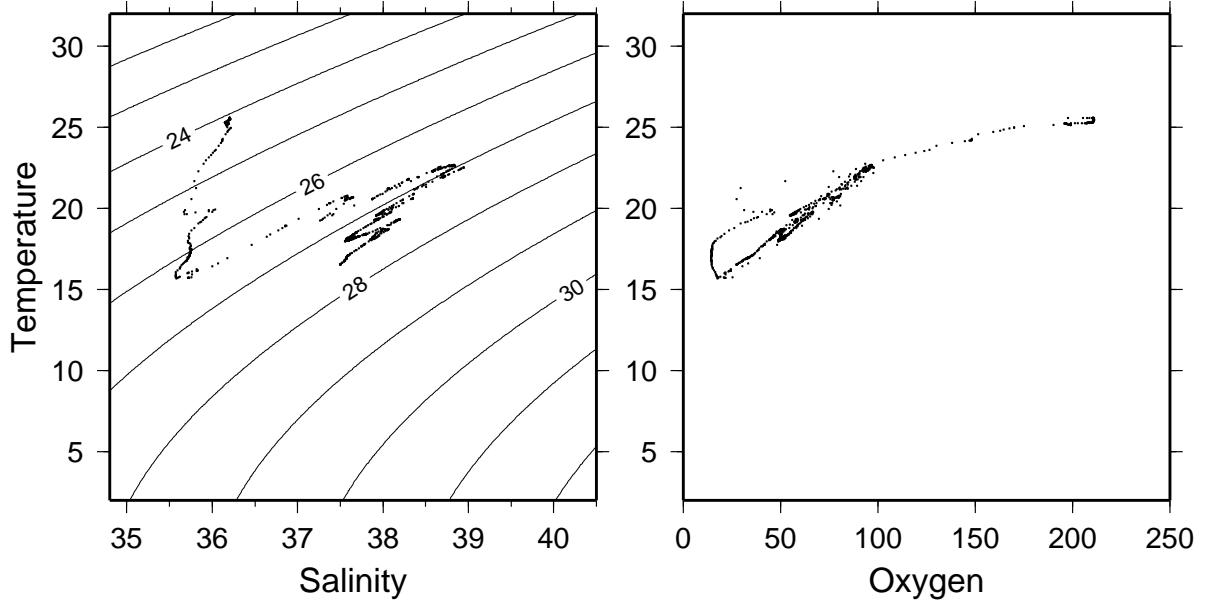
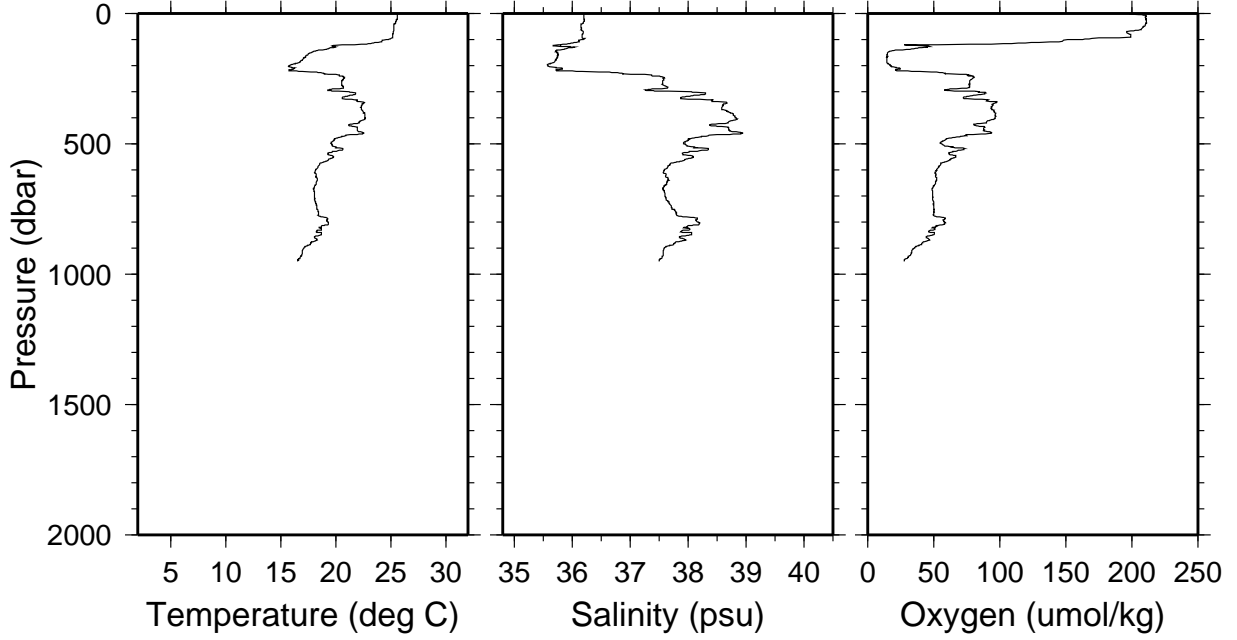


Redsox-1 **Station 026**
Latitude: 12° 3.32 N
Longitude: 043° 42.77 E
Date: 19-02-2001 2051 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.572	25.570	36.203	210.8	24.076
20	25.569	25.565	36.204	210.8	24.078
30	25.461	25.454	36.202	210.8	24.110
40	25.316	25.307	36.157	210.6	24.122
50	25.275	25.264	36.153	208.9	24.132
60	25.263	25.250	36.156	207.2	24.138
70	25.233	25.218	36.193	196.0	24.176
80	25.157	25.139	36.174	198.8	24.186
90	25.150	25.131	36.173	199.2	24.188
100	24.724	24.702	36.179	159.4	24.323
110	23.840	23.817	36.074	129.9	24.509
120	21.263	21.239	35.808	29.4	25.044
130	19.932	19.908	36.035	44.6	25.576
140	18.641	18.616	35.756	23.5	25.697
150	17.728	17.703	35.751	15.0	25.921
160	17.342	17.315	35.744	14.3	26.010
170	17.114	17.086	35.736	14.7	26.059
180	16.907	16.877	35.717	14.3	26.094
190	16.487	16.456	35.644	14.7	26.137
200	15.785	15.754	35.576	17.2	26.247
250	20.703	20.655	37.580	79.2	26.554
300	21.202	21.143	38.056	83.4	26.783
350	22.358	22.286	38.604	94.6	26.877
400	22.657	22.574	38.824	96.7	26.961
450	21.969	21.878	38.716	88.2	27.079
500	19.596	19.503	37.938	56.2	27.137
550	19.778	19.675	38.093	66.7	27.210
600	18.175	18.068	37.589	52.2	27.240
650	18.232	18.116	37.635	51.4	27.263
700	18.053	17.929	37.602	49.3	27.284
750	18.272	18.138	37.717	50.0	27.320
800	19.256	19.107	38.168	58.2	27.417
900	17.089	16.935	37.591	35.4	27.520

Redsox-1 Station 026
Latitude: 12 03.32 N
Longitude: 043 42.77 E
Date: 19-02-2001
Time: 2051 GMT

Rsx1-026



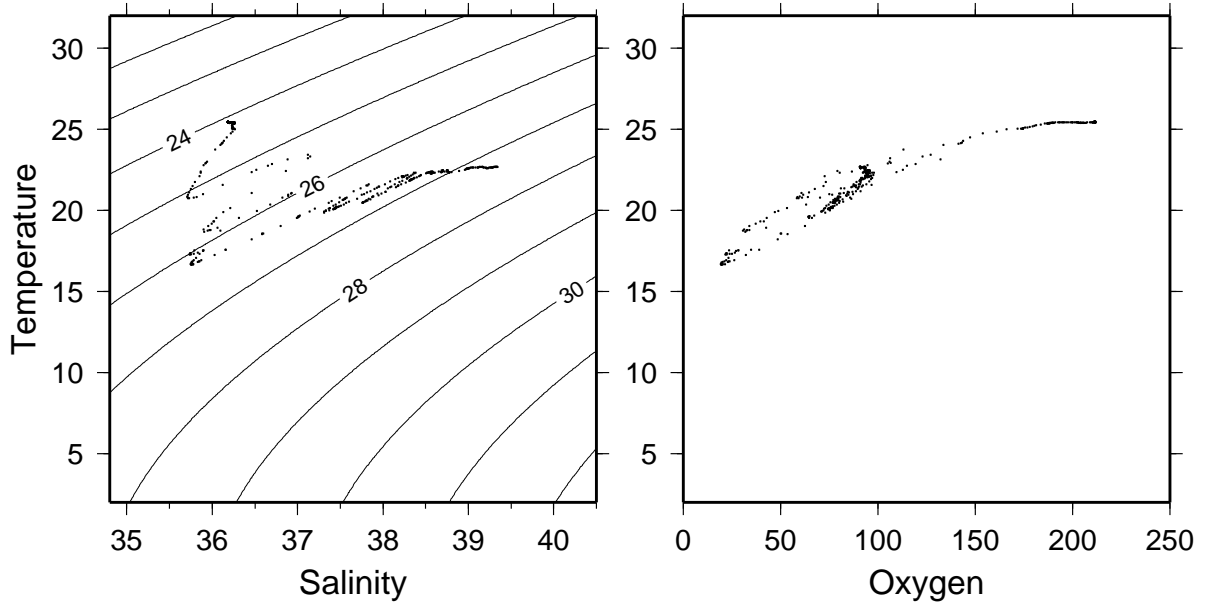
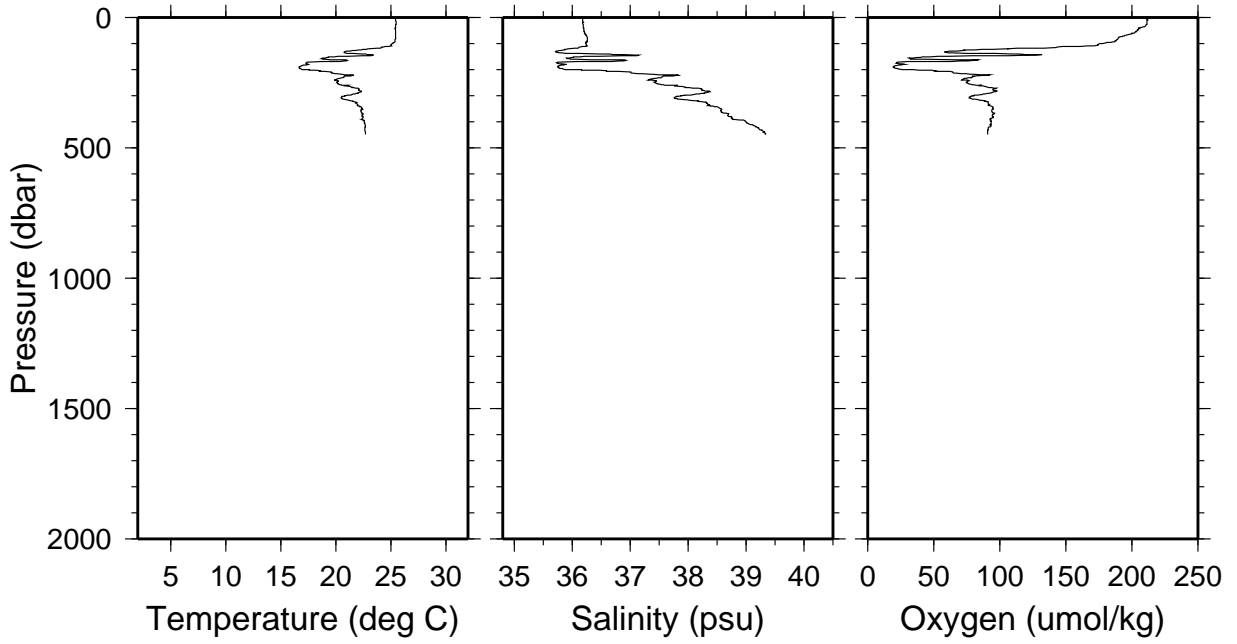
Redsox-1 **Station 027**
Latitude: 12° 13.07 N
Longitude: 043° 40.18 E
Date: 19-02-2001 2316 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.446	25.444	36.184	211.5	24.100
20	25.451	25.446	36.185	211.5	24.100
30	25.442	25.436	36.188	210.4	24.105
40	25.395	25.386	36.194	205.8	24.126
50	25.405	25.394	36.203	204.1	24.130
60	25.422	25.409	36.215	200.8	24.134
70	25.431	25.416	36.245	194.3	24.155
80	25.393	25.375	36.261	189.6	24.179
90	25.354	25.334	36.255	187.3	24.188
100	25.119	25.097	36.236	176.9	24.246
110	24.855	24.831	36.239	160.9	24.330
120	22.931	22.906	35.928	106.5	24.664
130	20.967	20.942	35.715	61.7	25.054
140	22.498	22.470	36.516	112.9	25.237
150	19.883	19.855	36.130	46.9	25.662
160	18.785	18.756	35.981	34.0	25.833
170	18.754	18.724	36.096	30.5	25.927
180	17.528	17.498	35.896	28.2	26.082
190	16.661	16.630	35.750	19.5	26.178
200	17.252	17.219	36.031	32.3	26.253
250	20.079	20.032	37.422	74.7	26.602
300	20.806	20.748	37.873	80.6	26.752
350	22.409	22.337	38.576	95.0	26.841
400	22.568	22.485	38.992	93.3	27.115

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
448.4	1	22.695	22.602	39.342	89.8
306.7	2	21.252	21.192	38.073	84.1
277.1	3	22.067	22.011	38.248	91.5
188.0	4	16.696	16.665	35.777	20.0
86.6	5	25.355	25.336	36.261	184.8
45.8	6	25.402	25.392	36.210	202.6
2.5	7	25.415	25.414	36.189	209.8

Redsox-1 Station 027
Latitude: 12 13.07 N
Longitude: 043 40.18 E
Date: 19-02-2001
Time: 2316 GMT

Rsx1-027

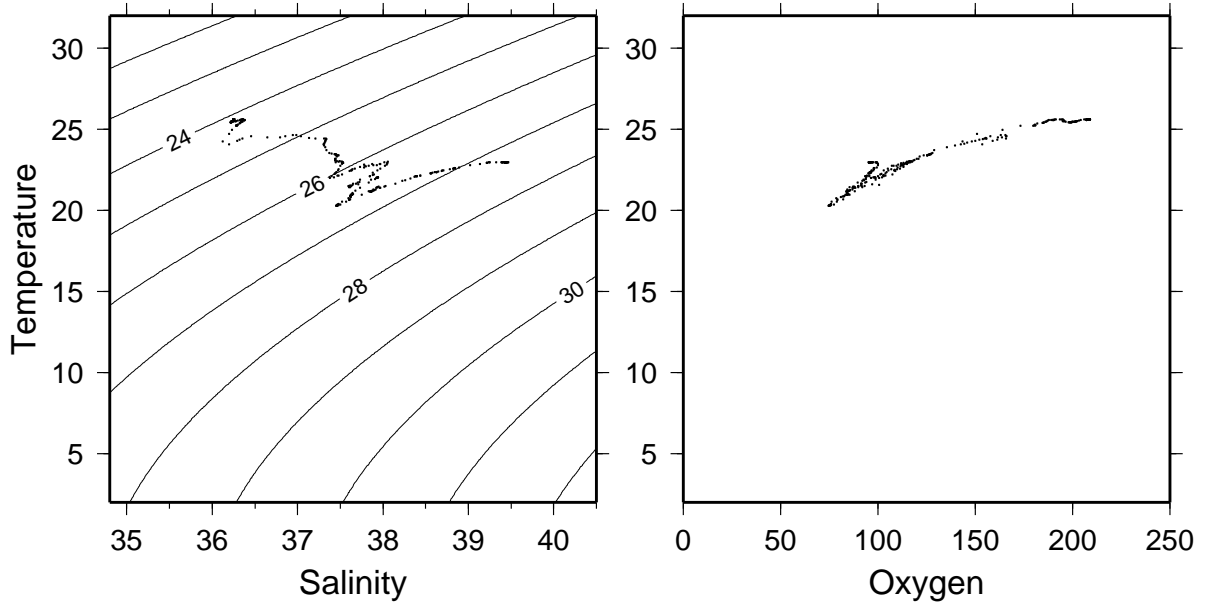
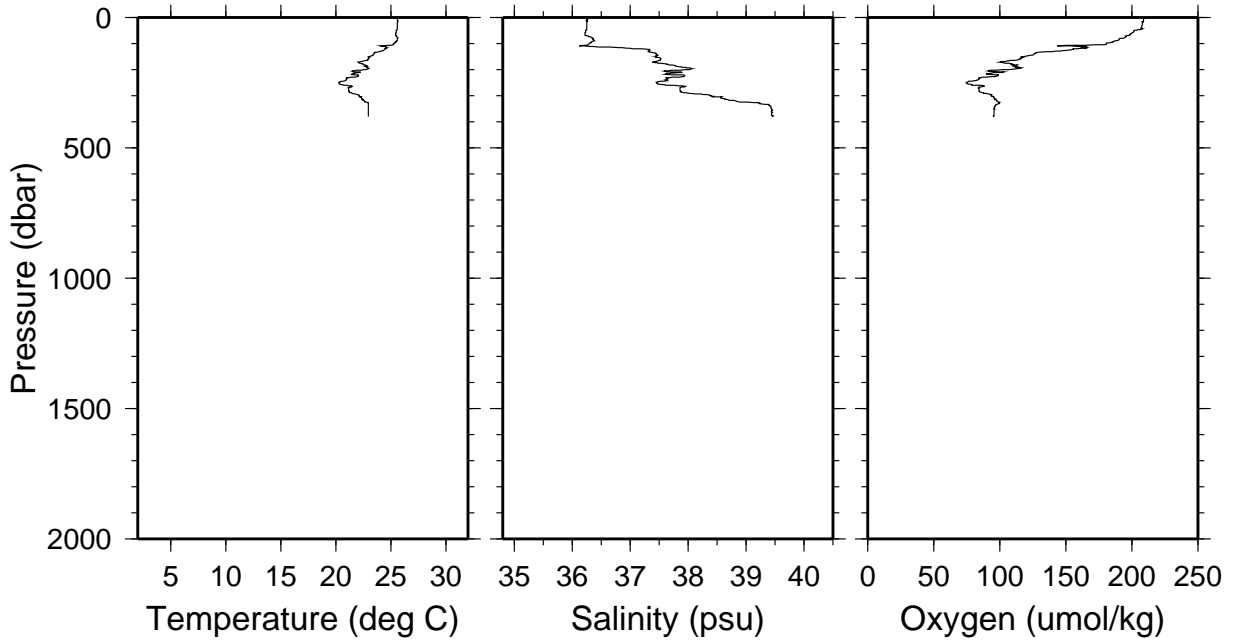


Redsox-1 **Station 028**
Latitude: 12° 22.10 N
Longitude: 043° 37.79 E
Date: 20-02-2001 0134 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.605	25.603	36.255	208.8	24.104
20	25.601	25.597	36.253	207.9	24.105
30	25.602	25.595	36.253	207.6	24.105
40	25.592	25.583	36.252	207.2	24.108
50	25.497	25.486	36.233	202.0	24.124
60	25.449	25.436	36.222	199.7	24.131
70	25.497	25.481	36.267	195.5	24.151
80	25.608	25.590	36.361	191.5	24.188
90	25.546	25.526	36.371	187.2	24.216
100	25.244	25.222	36.290	180.8	24.248
110	24.288	24.265	36.291	159.1	24.540
120	24.453	24.427	37.136	155.4	25.131
130	24.071	24.043	37.307	142.5	25.376
140	23.423	23.394	37.451	126.3	25.678
150	23.076	23.045	37.437	118.1	25.770
160	22.935	22.902	37.533	114.8	25.885
170	22.239	22.205	37.430	101.9	26.007
180	22.498	22.462	37.637	108.8	26.091
190	22.782	22.743	37.887	111.9	26.200
200	22.580	22.539	37.968	105.1	26.320
250	20.277	20.230	37.455	74.7	26.574
300	22.104	22.044	38.395	93.7	26.787
350	22.951	22.878	39.439	95.9	27.341

Redsox-1 Station 028
Latitude: 12 22.10 N
Longitude: 043 37.79 E
Date: 20-02-2001
Time: 0134 GMT

Rsx1-028



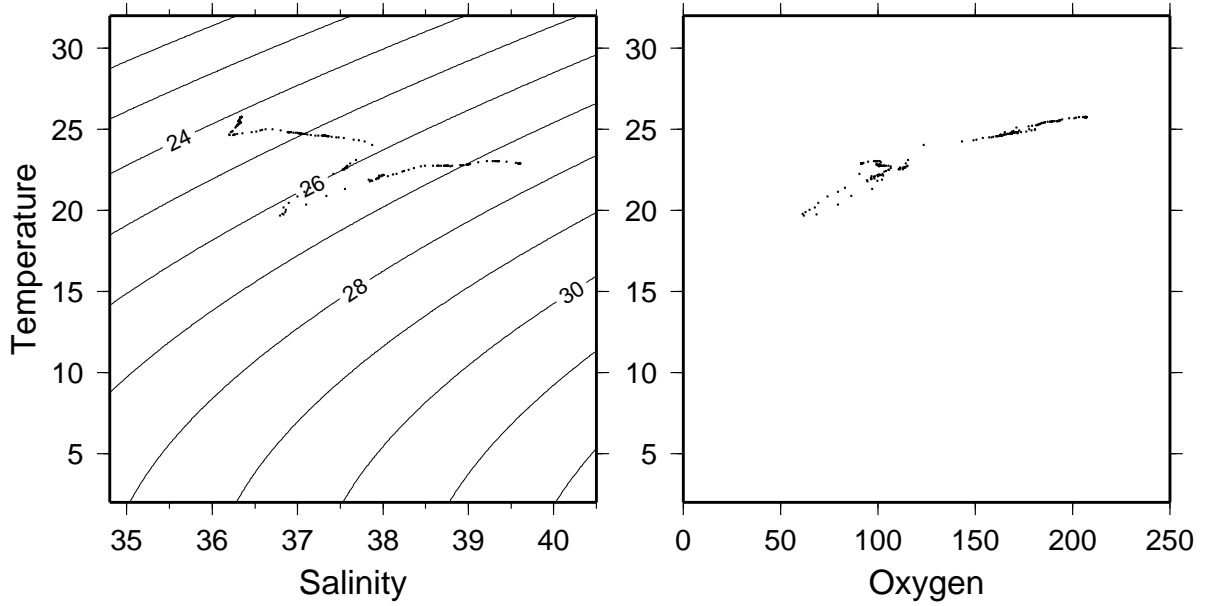
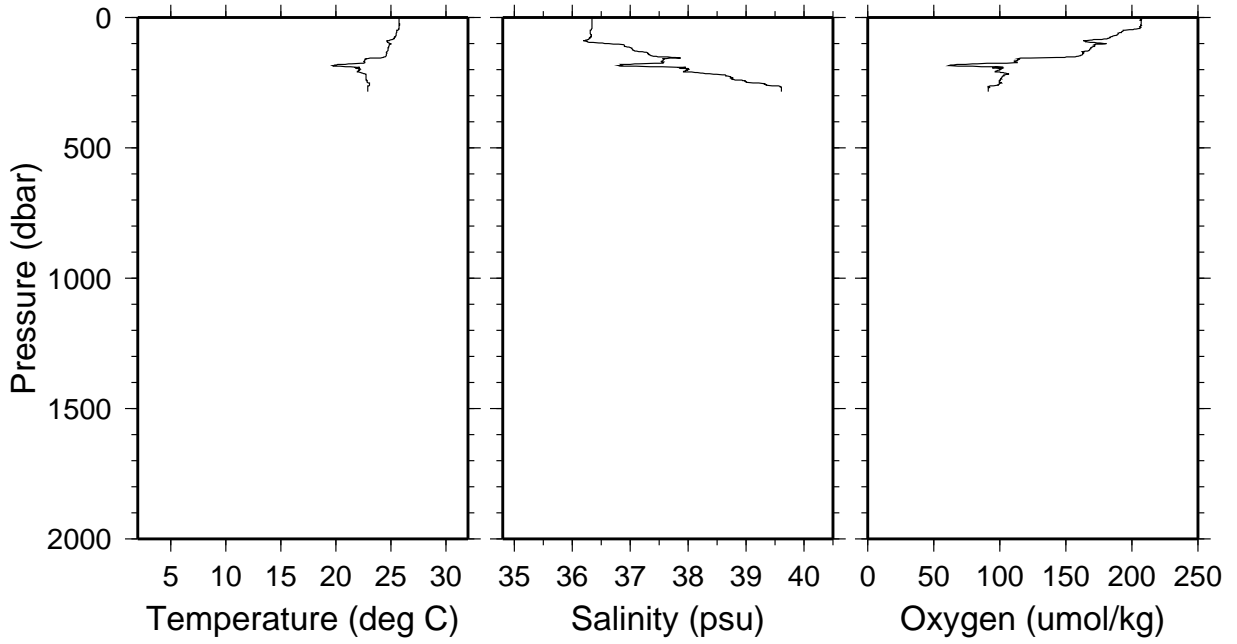
Redsox-1 **Station 029**
Latitude: 12° 27.42 N
Longitude: 043° 32.23 E
Date: 20-02-2001 0340 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.756	25.754	36.338	206.9	24.120
20	25.759	25.754	36.338	206.9	24.120
30	25.760	25.753	36.339	206.8	24.121
40	25.750	25.742	36.337	206.3	24.123
50	25.546	25.535	36.311	193.5	24.168
60	25.473	25.460	36.312	189.4	24.192
70	25.429	25.414	36.328	185.7	24.218
80	25.289	25.272	36.298	182.0	24.239
90	24.633	24.614	36.207	163.5	24.371
100	24.952	24.930	36.584	180.7	24.560
110	24.815	24.791	36.903	171.3	24.844
120	24.748	24.722	37.027	168.7	24.959
130	24.686	24.658	37.113	164.9	25.044
140	24.600	24.570	37.314	162.9	25.223
150	24.493	24.460	37.479	157.2	25.381
160	22.687	22.654	37.570	113.9	25.985
170	22.538	22.503	37.541	111.2	26.006
180	20.480	20.446	36.896	69.4	26.089
190	21.906	21.868	37.830	102.2	26.407
200	22.174	22.134	38.000	100.5	26.461
250	22.854	22.802	39.021	100.9	27.045

Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Bottle Data	
				Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
284.3	1	22.882	22.823	39.613	93.1
199.8	2	22.142	22.102	38.008	101.4
182.4	3	20.075	20.041	36.914	71.5
167.8	4	22.484	22.450	37.544	111.3
51.6	5	25.521	25.510	-9.990	194.9
3.1	6	25.744	25.743	36.348	208.4

Redsox-1 Station 029
Latitude: 12 27.42 N
Longitude: 043 32.23 E
Date: 20-02-2001
Time: 0340 GMT

Rsx1-029

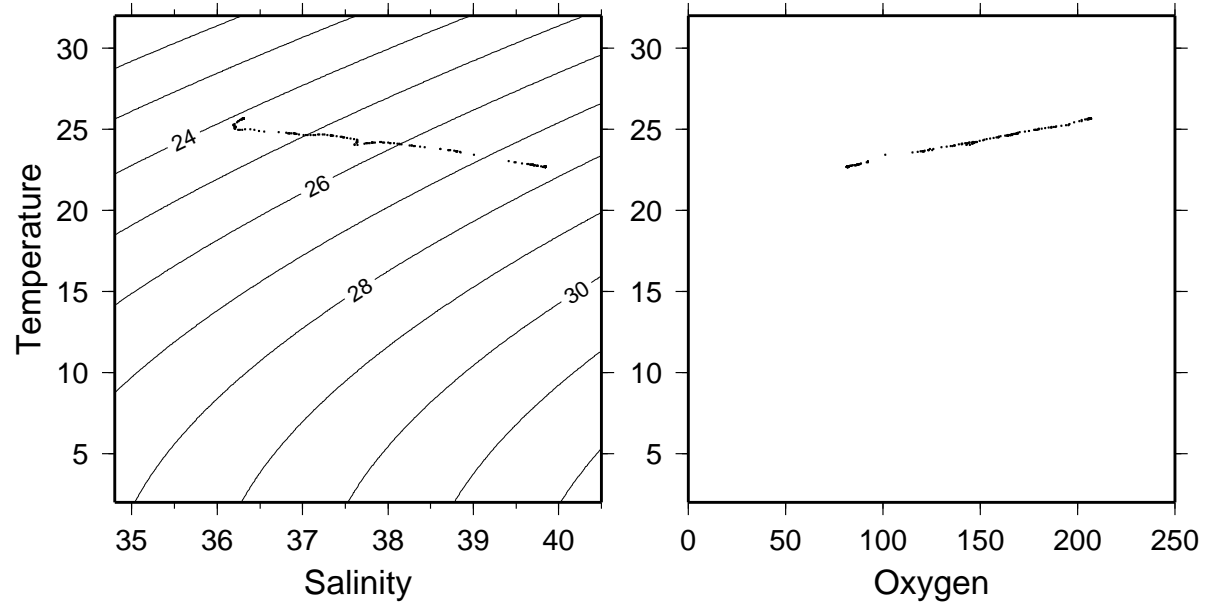
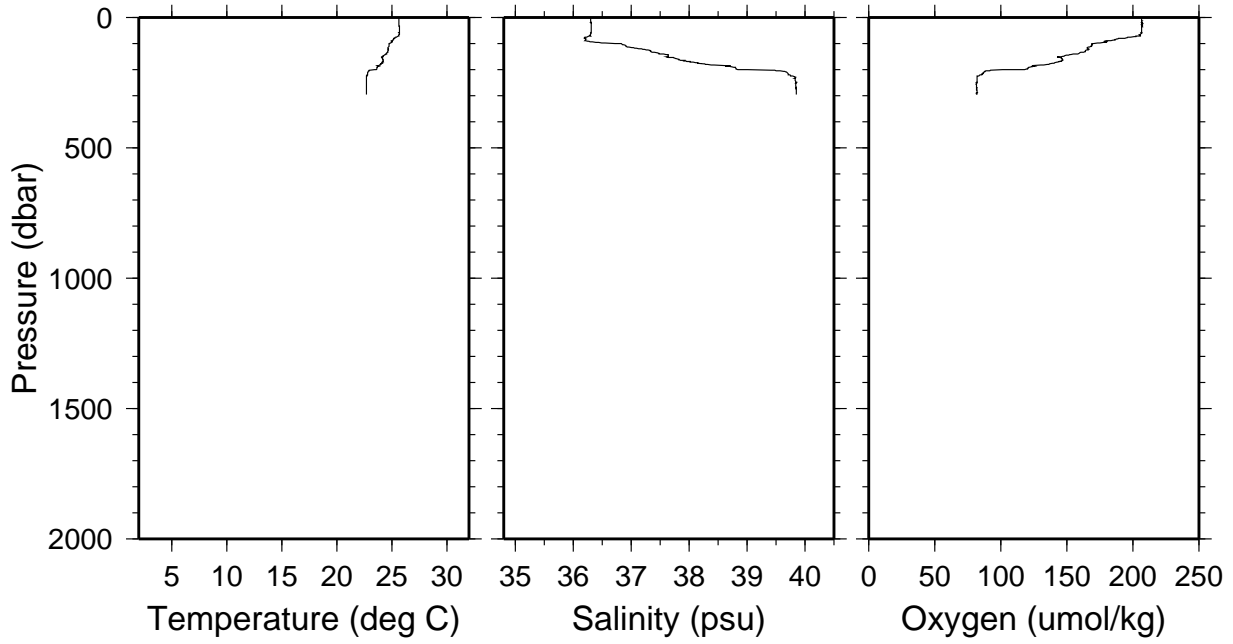


Redsox-1 **Station 030**
Latitude: 12° 31.64 N
Longitude: 043° 25.15 E
Date: 20-02-2001 0518 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.650	25.647	36.304	206.5	24.128
20	25.654	25.650	36.306	206.7	24.128
30	25.657	25.650	36.306	206.9	24.128
40	25.661	25.652	36.305	206.5	24.127
50	25.664	25.653	36.306	206.6	24.128
60	25.666	25.652	36.306	206.3	24.127
70	25.640	25.624	36.299	205.7	24.131
80	25.223	25.206	36.199	191.6	24.184
90	25.020	25.001	36.211	180.0	24.256
100	24.773	24.752	36.812	169.4	24.787
110	24.721	24.697	36.914	168.4	24.881
120	24.653	24.627	37.148	166.4	25.080
130	24.616	24.588	37.339	164.0	25.236
140	24.479	24.449	37.519	156.9	25.415
150	24.164	24.132	37.630	145.6	25.595
160	24.180	24.145	37.812	146.5	25.728
170	24.164	24.128	38.003	144.4	25.878
180	23.979	23.941	38.304	135.6	26.163
190	23.666	23.626	38.775	121.3	26.614
200	23.581	23.539	38.854	115.3	26.701
250	22.675	22.623	39.846	81.8	27.725

Redsox-1 Station 030
Latitude: 12 31.64 N
Longitude: 043 25.15 E
Date: 20-02-2001
Time: 0518 GMT

Rsx1-030



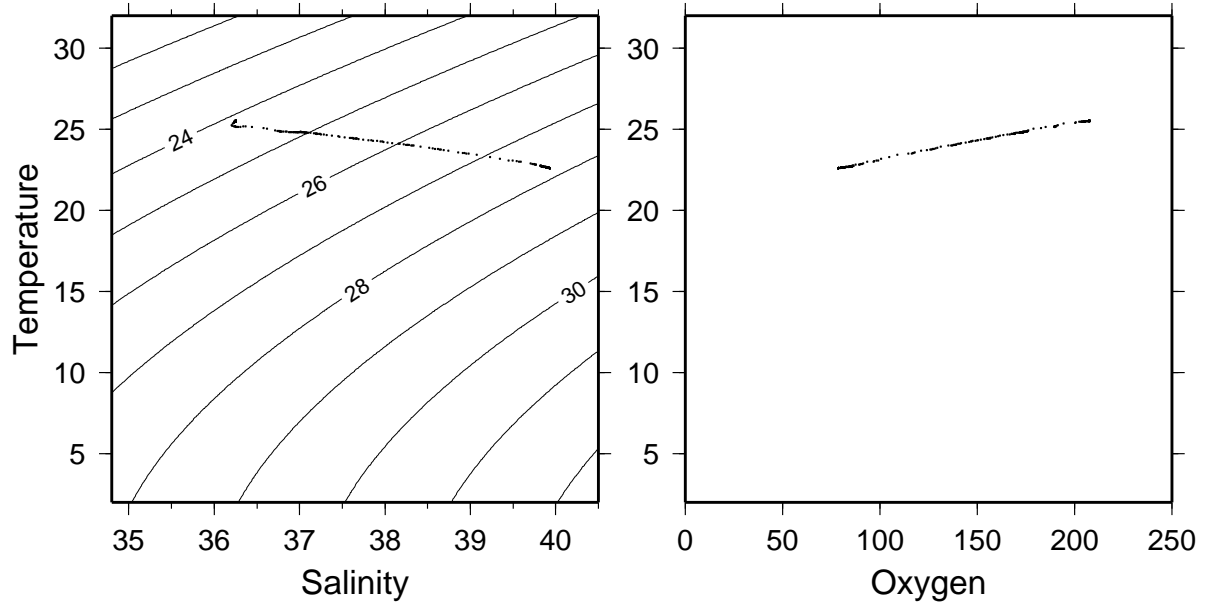
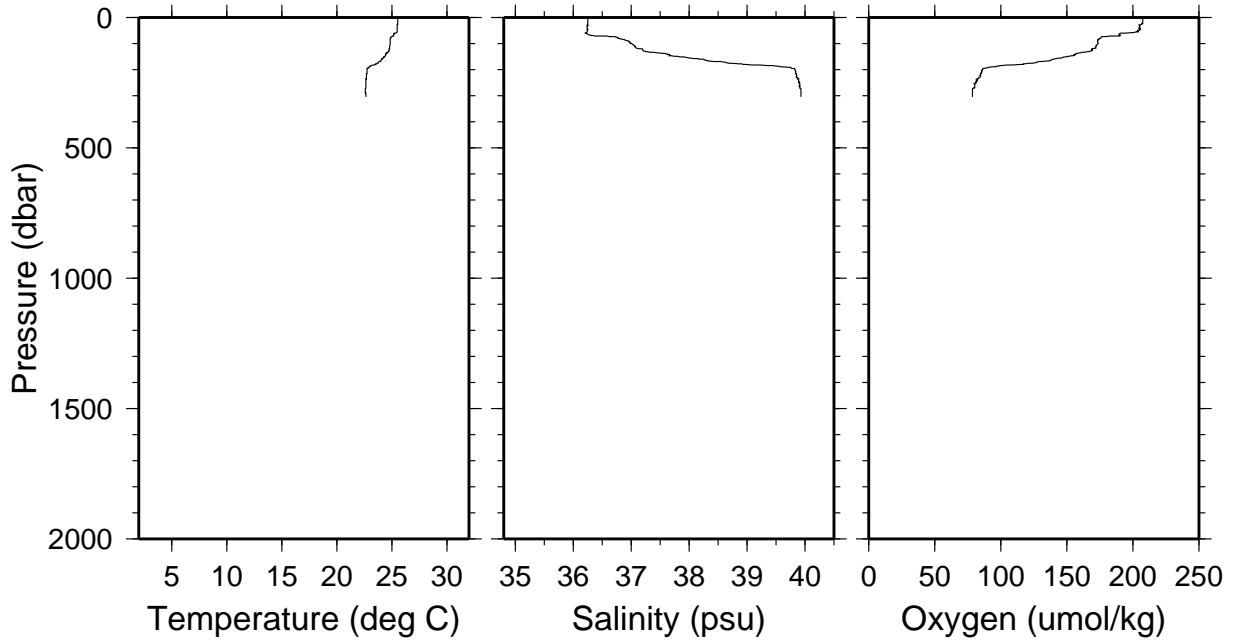
Redsox-1 **Station 031**
Latitude: 12° 34.44 N
Longitude: 043° 18.07 E
Date: 20-02-2001 0658 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.521	25.519	36.251	207.5	24.127
20	25.516	25.512	36.251	207.5	24.130
30	25.479	25.472	36.244	205.3	24.137
40	25.477	25.468	36.244	205.0	24.138
50	25.458	25.446	36.240	203.4	24.142
60	25.264	25.251	36.204	191.5	24.175
70	25.167	25.151	36.369	189.9	24.330
80	24.866	24.849	36.779	175.1	24.733
90	24.827	24.807	36.944	173.1	24.870
100	24.837	24.816	37.002	173.8	24.912
110	24.797	24.773	37.064	172.0	24.972
120	24.749	24.723	37.165	169.0	25.063
130	24.702	24.674	37.240	167.5	25.135
140	24.450	24.420	37.621	156.5	25.500
150	24.313	24.281	37.840	149.9	25.709
160	24.069	24.034	38.219	139.2	26.070
170	23.816	23.780	38.561	128.7	26.406
180	23.505	23.467	38.954	116.5	26.798
190	22.878	22.839	39.708	91.3	27.557
200	22.736	22.694	39.831	85.8	27.693
250	22.649	22.597	39.894	81.3	27.769
300	22.607	22.545	39.931	78.5	27.813

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
303.3	1	22.608	22.545	39.940	84.5
219.4	2	22.708	22.663	39.866	87.7
93.3	3	24.791	24.771	36.995	171.9
45.0	4	25.517	25.507	36.261	208.0
2.1	5	25.552	25.552	36.260	212.1

Redsox-1 Station 031
Latitude: 12 34.44 N
Longitude: 043 18.07 E
Date: 20-02-2001
Time: 0658 GMT

Rsx1-031



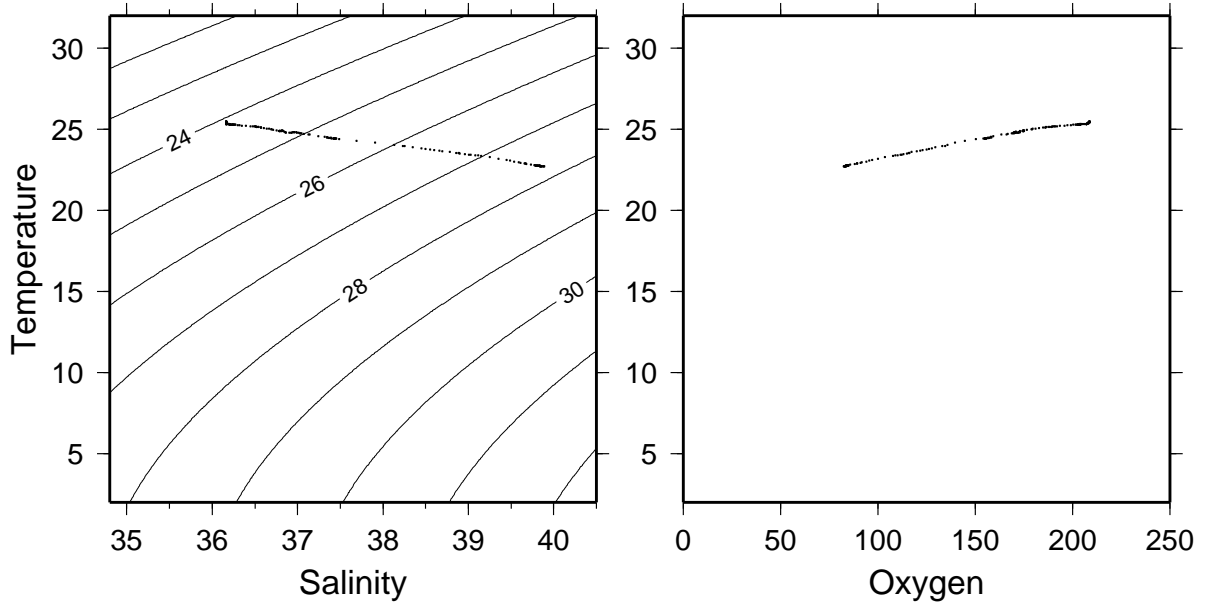
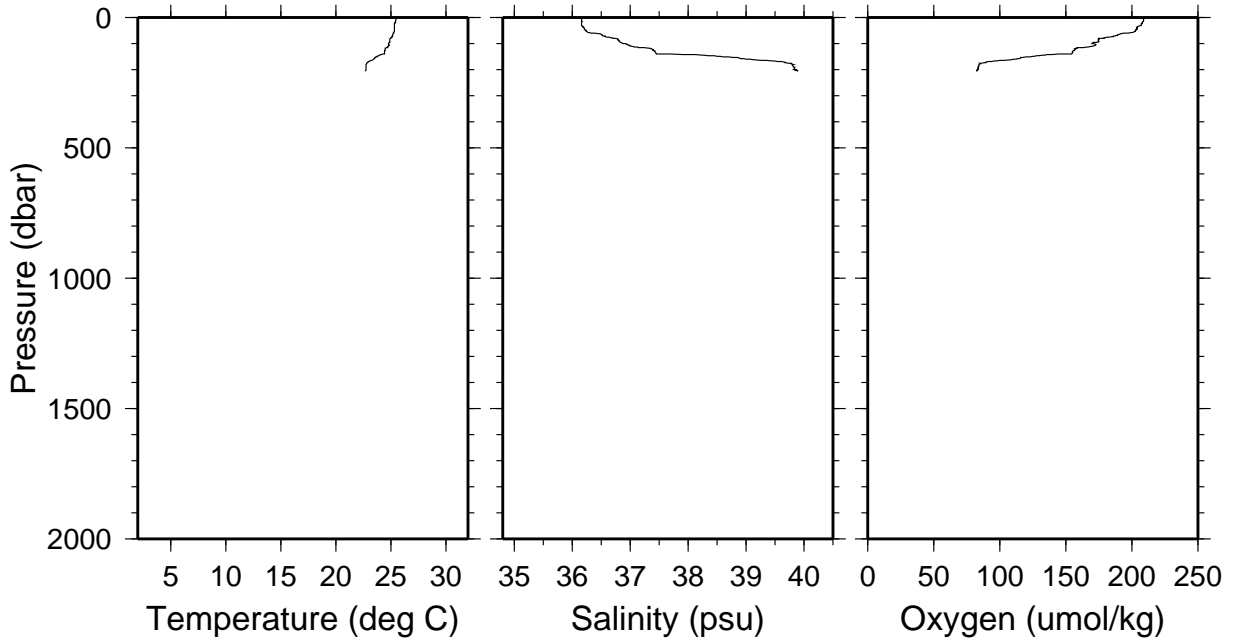
Redsox-1 **Station 032**
Latitude: 12° 46.29 N
Longitude: 043° 16.59 E
Date: 20-02-2001 1049 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.451	25.448	36.165	208.6	24.084
20	25.357	25.352	36.164	207.9	24.113
30	25.336	25.329	36.164	207.0	24.121
40	25.304	25.295	36.200	203.7	24.158
50	25.296	25.286	36.237	202.8	24.189
60	25.230	25.217	36.346	195.8	24.292
70	25.137	25.121	36.535	187.5	24.465
80	24.978	24.960	36.712	176.4	24.648
90	24.902	24.882	36.805	174.4	24.742
100	24.779	24.757	36.901	170.6	24.853
110	24.762	24.738	37.026	169.8	24.953
120	24.489	24.463	37.355	157.8	25.286
130	24.425	24.397	37.429	155.3	25.362
140	24.399	24.369	37.490	150.3	25.417
150	23.725	23.693	38.600	123.0	26.462
160	23.432	23.398	39.026	111.5	26.873
170	22.934	22.898	39.614	91.2	27.468
180	22.756	22.718	39.797	84.4	27.660
190	22.736	22.697	39.831	83.5	27.692
200	22.723	22.681	39.858	83.4	27.717

Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Bottle Data	
				Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
205.4	1	22.711	22.668	39.896	87.4
132.2	2	24.398	24.370	37.452	156.4
50.8	3	25.290	25.279	36.276	203.5
2.4	4	25.458	25.457	36.177	209.8

Redsox-1 Station 032
Latitude: 12 46.29 N
Longitude: 043 16.59 E
Date: 20-02-2001
Time: 1049 GMT

Rsx1-032

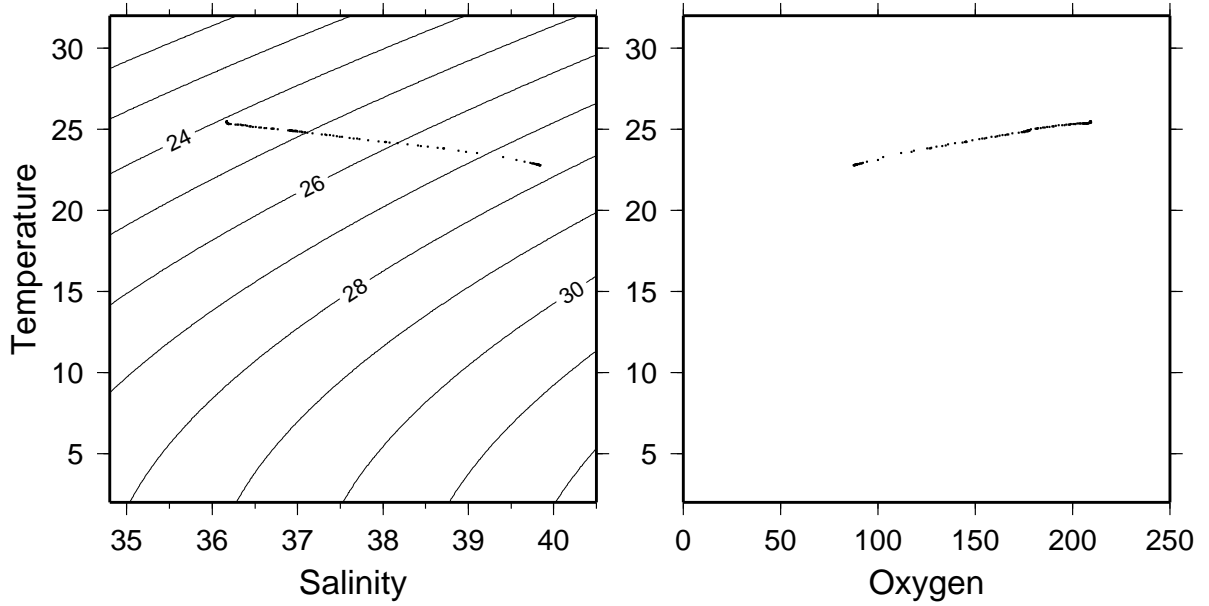
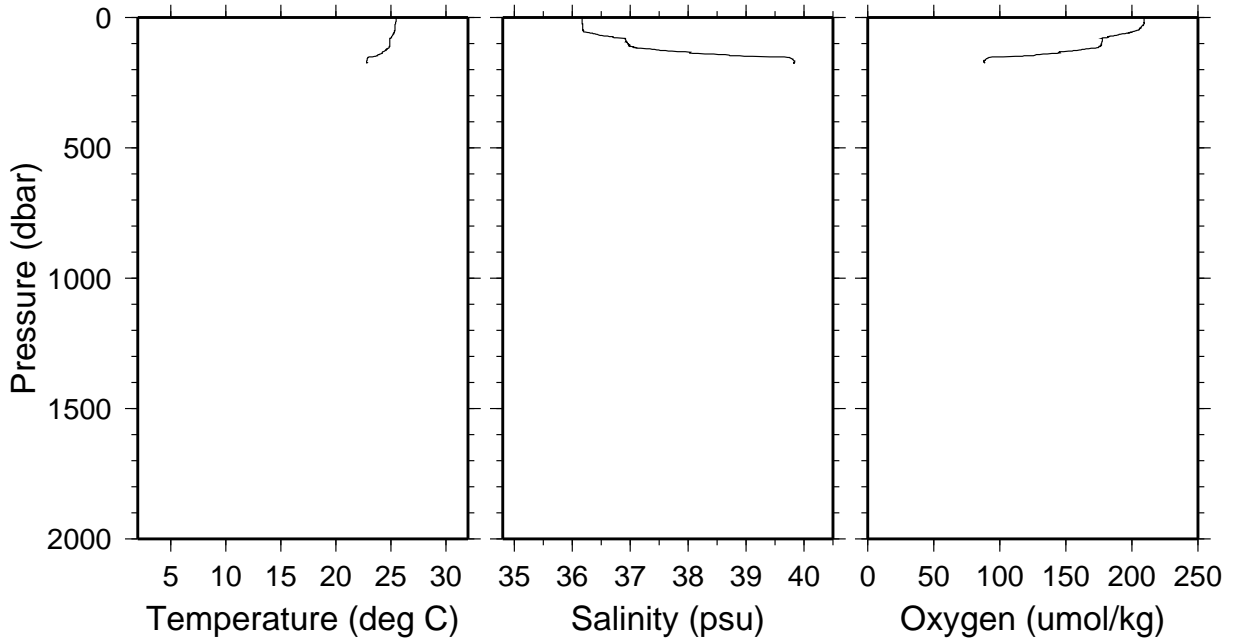


Redsox-1 **Station 033**
Latitude: 12° 45.61 N
Longitude: 043° 15.03 E
Date: 20-02-2001 1155 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.451	25.449	36.169	209.2	24.087
20	25.430	25.426	36.171	209.6	24.096
30	25.375	25.369	36.179	208.3	24.120
40	25.365	25.357	36.184	206.7	24.127
50	25.350	25.339	36.185	203.9	24.133
60	25.275	25.262	36.330	196.7	24.267
70	25.118	25.103	36.548	185.8	24.480
80	24.919	24.901	36.910	177.6	24.816
90	24.913	24.893	36.926	177.5	24.830
100	24.891	24.869	36.966	176.7	24.868
110	24.879	24.855	36.990	176.2	24.890
120	24.663	24.637	37.321	166.4	25.208
130	24.396	24.368	37.724	152.0	25.594
140	23.995	23.966	38.410	134.8	26.236
150	23.295	23.264	39.405	102.6	27.201
160	22.838	22.805	39.802	89.3	27.638
170	22.784	22.749	39.843	87.6	27.686

Redsox-1 Station 033
Latitude: 12 45.61 N
Longitude: 043 15.03 E
Date: 20-02-2001
Time: 1155 GMT

Rsx1-033



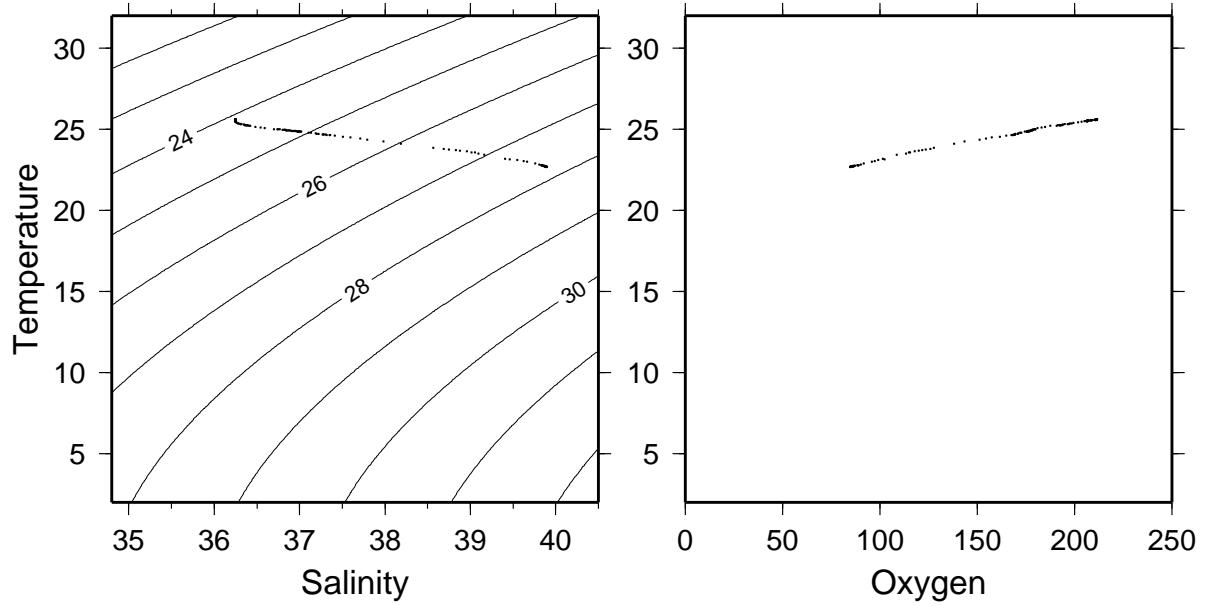
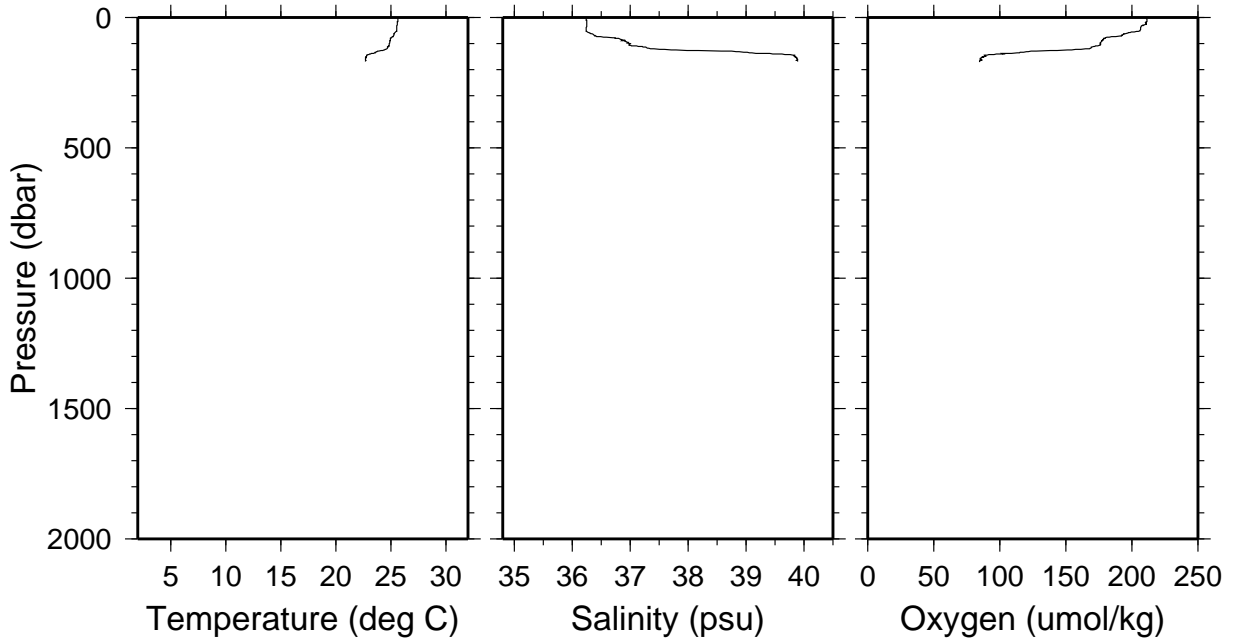
Redsox-1 **Station 034**
Latitude: 12° 45.08 N
Longitude: 043° 13.74 E
Date: 20-02-2001 1258 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.615	25.613	36.245	211.3	24.094
20	25.593	25.589	36.247	211.2	24.103
30	25.546	25.540	36.248	208.5	24.118
40	25.519	25.510	36.245	206.7	24.125
50	25.511	25.500	36.242	206.2	24.126
60	25.319	25.306	36.307	196.8	24.235
70	25.236	25.221	36.388	192.1	24.323
80	24.983	24.966	36.768	179.1	24.689
90	24.906	24.887	36.906	177.2	24.817
100	24.855	24.833	37.001	175.9	24.905
110	24.774	24.751	37.135	172.0	25.032
120	24.636	24.610	37.355	167.7	25.242
130	23.767	23.739	38.746	123.6	26.559
140	23.091	23.062	39.550	99.0	27.371
150	22.754	22.723	39.854	87.1	27.701
160	22.697	22.664	39.887	85.1	27.744
170	22.689	22.654	39.892	84.9	27.751

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
166.8	1	22.696	22.661	39.907	91.7
110.5	2	24.740	24.716	37.204	173.7
50.4	3	25.503	25.492	36.185	206.3

Redsox-1 Station 034
Latitude: 12 45.08 N
Longitude: 043 13.74 E
Date: 20-02-2001
Time: 1258 GMT

Rsx1-034

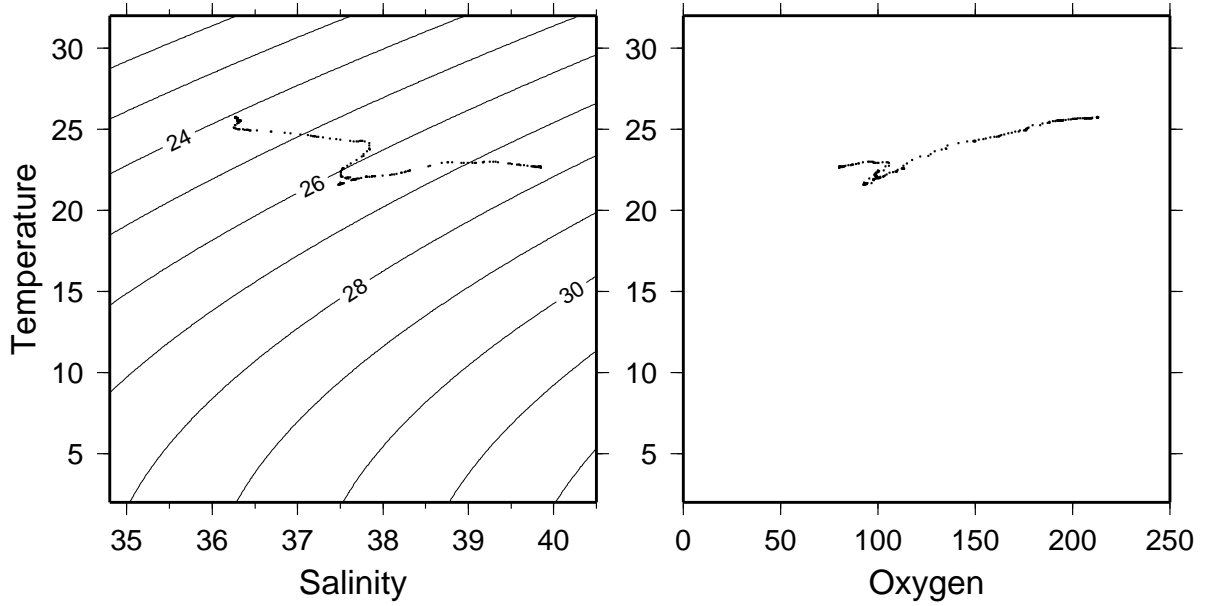
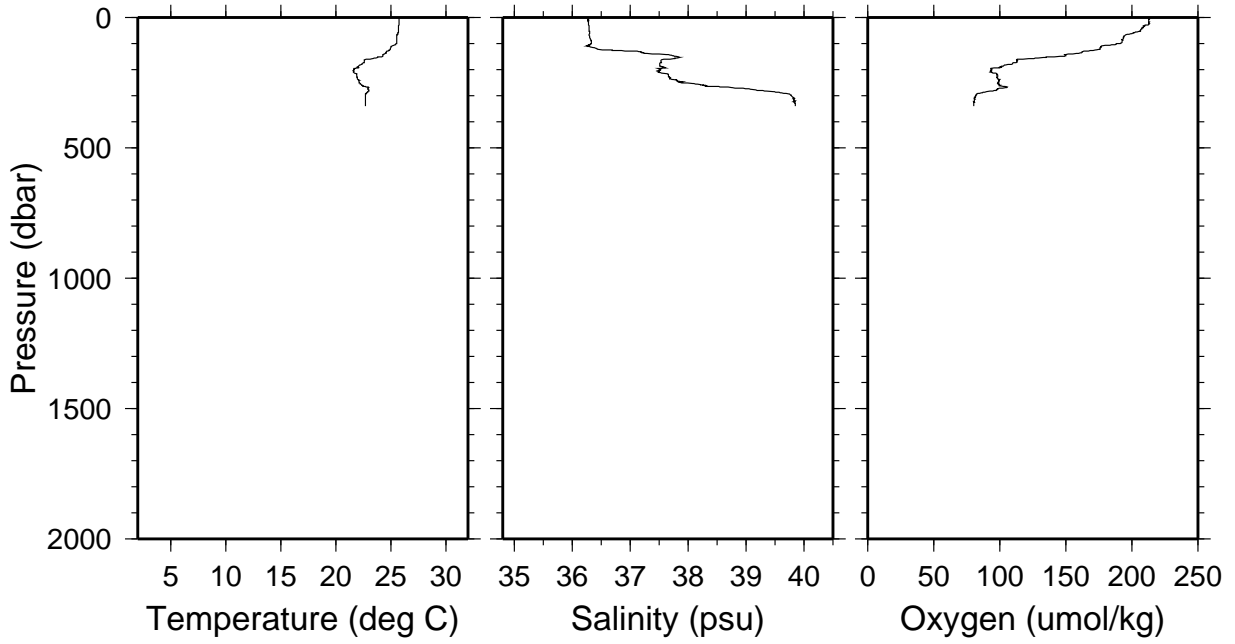


Redsox-1 **Station 035**
Latitude: 12° 30.47 N
Longitude: 043° 35.72 E
Date: 20-02-2001 1632 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.733	25.731	36.274	212.8	24.079
20	25.733	25.728	36.279	212.7	24.083
30	25.695	25.689	36.287	209.2	24.102
40	25.694	25.685	36.292	208.1	24.107
50	25.683	25.671	36.294	206.4	24.113
60	25.643	25.630	36.300	200.9	24.130
70	25.531	25.515	36.297	194.3	24.164
80	25.519	25.501	36.305	193.5	24.174
90	25.527	25.507	36.327	192.6	24.189
100	25.504	25.482	36.330	189.8	24.199
110	25.066	25.042	36.264	176.8	24.284
120	24.949	24.923	36.424	175.9	24.441
130	24.631	24.602	37.124	163.4	25.069
140	24.398	24.367	37.453	154.2	25.389
150	24.147	24.115	37.838	141.2	25.757
160	22.896	22.863	37.621	114.9	25.963
170	22.566	22.532	37.534	113.4	25.993
180	22.341	22.305	37.508	107.8	26.038
190	22.038	22.000	37.583	101.2	26.183
200	21.639	21.599	37.513	93.7	26.242
250	22.088	22.037	37.865	98.9	26.386
300	22.693	22.631	39.781	81.8	27.673

Redsox-1 Station 035
Latitude: 12 30.47 N
Longitude: 043 35.72 E
Date: 20-02-2001
Time: 1632 GMT

Rsx1-035



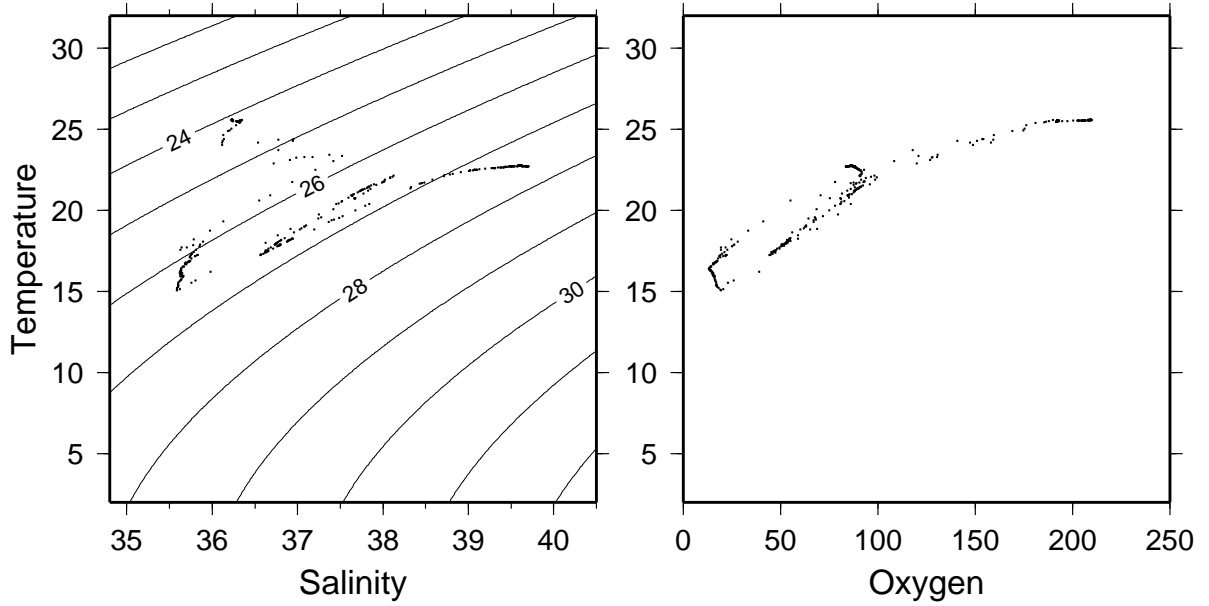
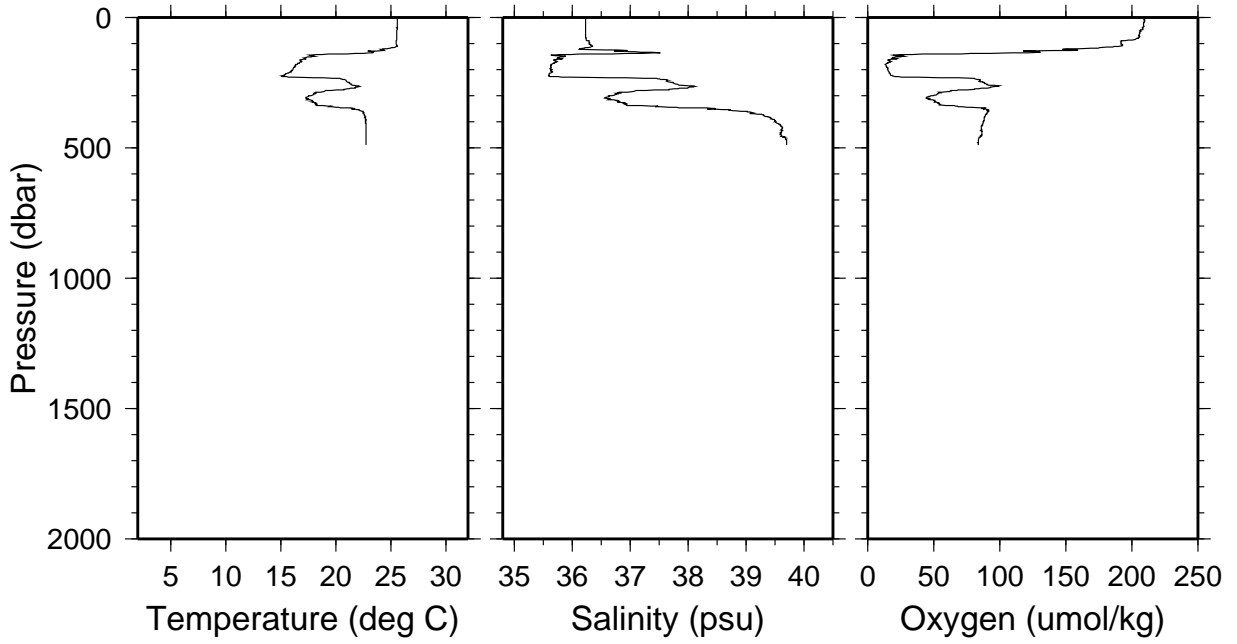
Redsox-1 **Station 036**
Latitude: 12° 23.70 N
Longitude: 043° 46.99 E
Date: 20-02-2001 1837 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.575	25.572	36.231	209.4	24.096
20	25.574	25.570	36.230	209.1	24.096
30	25.573	25.566	36.231	209.0	24.097
40	25.551	25.542	36.231	208.1	24.105
50	25.530	25.519	36.230	206.5	24.112
60	25.531	25.517	36.231	206.0	24.113
70	25.532	25.516	36.233	205.6	24.114
80	25.535	25.518	36.235	204.1	24.116
90	25.494	25.474	36.294	192.1	24.174
100	25.476	25.454	36.295	191.7	24.181
110	25.556	25.532	36.347	189.9	24.196
120	24.399	24.373	36.136	153.6	24.390
130	23.119	23.092	36.911	126.9	25.357
140	20.615	20.588	36.553	55.1	25.789
150	17.787	17.762	35.854	24.9	25.985
160	17.171	17.144	35.800	20.5	26.094
170	16.893	16.865	35.743	17.5	26.117
180	16.396	16.366	35.634	13.2	26.150
190	16.243	16.213	35.627	14.5	26.181
200	16.102	16.070	35.633	15.2	26.219
250	21.214	21.165	37.739	87.9	26.535
300	17.658	17.607	36.661	48.1	26.643
350	21.445	21.375	38.325	88.0	26.923
400	22.701	22.618	39.495	87.6	27.459
450	22.743	22.649	39.598	86.2	27.529

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
487.8	1	22.720	22.619	39.708	85.2
308.7	2	16.932	16.881	36.451	41.8
199.9	3	16.162	16.130	35.690	18.3
100.8	4	25.476	25.454	36.308	189.3
50.4	5	25.541	25.530	36.243	204.6
2.7	6	25.571	25.570	36.244	207.6

Redsox-1 Station 036
Latitude: 12 23.70 N
Longitude: 043 46.99 E
Date: 20-02-2001
Time: 1837 GMT

Rsx1-036

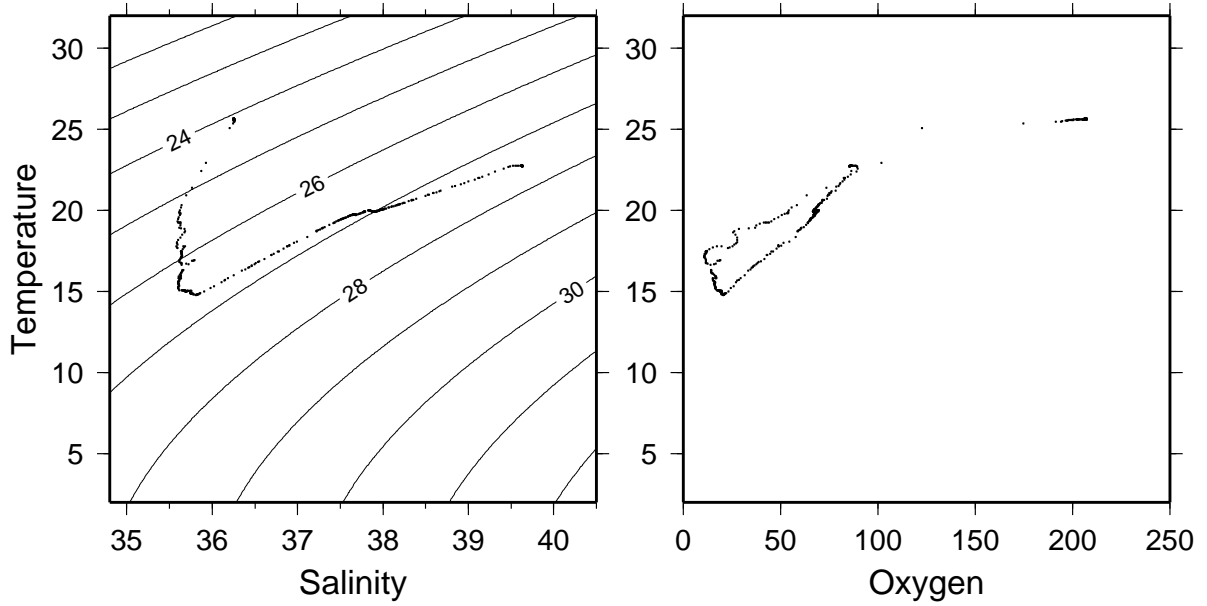
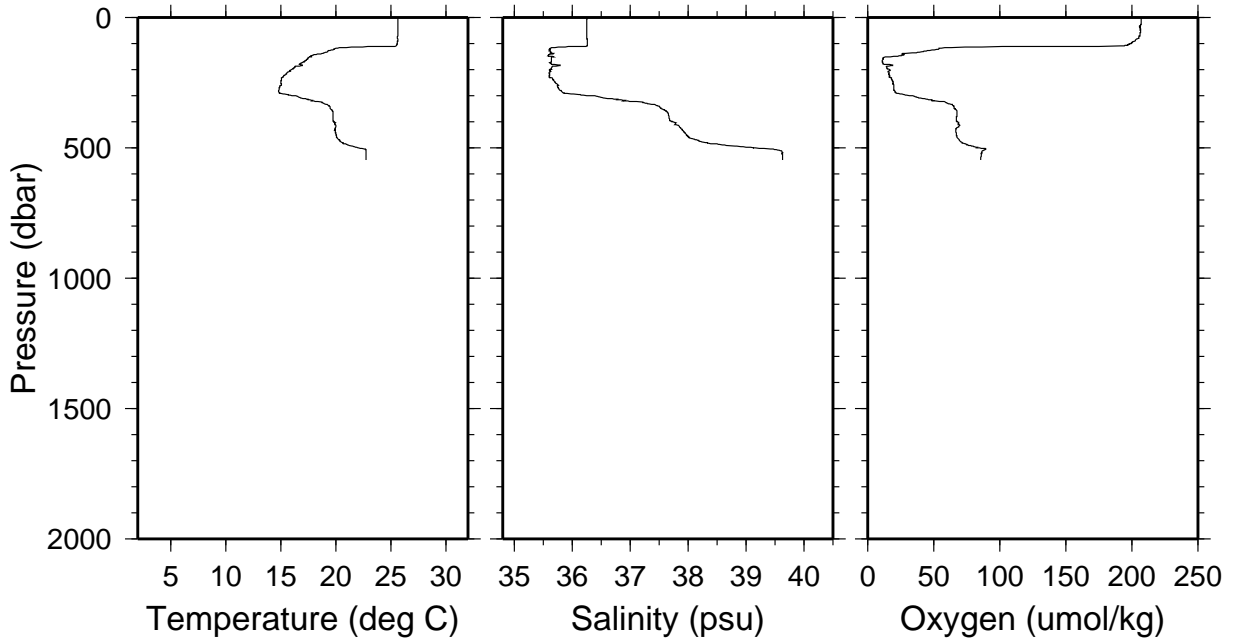


Redsox-1 **Station 037**
Latitude: 12° 22.71 N
Longitude: 044° 1.80 E
Date: 20-02-2001 2111 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.625	25.622	36.255	207.0	24.098
20	25.632	25.627	36.255	207.1	24.097
30	25.630	25.623	36.255	206.7	24.098
40	25.621	25.612	36.255	205.9	24.101
50	25.630	25.619	36.255	206.4	24.099
60	25.628	25.615	36.255	206.3	24.100
70	25.626	25.611	36.254	206.2	24.102
80	25.604	25.586	36.253	205.0	24.108
90	25.606	25.586	36.257	202.4	24.111
100	25.572	25.550	36.258	198.7	24.123
110	25.374	25.350	36.242	174.8	24.173
120	19.846	19.823	35.616	53.9	25.278
130	19.246	19.223	35.621	42.6	25.439
140	18.507	18.482	35.652	26.9	25.651
150	17.784	17.759	35.681	17.2	25.854
160	17.377	17.350	35.644	11.9	25.925
170	17.118	17.090	35.642	10.8	25.985
180	16.652	16.622	35.642	13.8	26.097
190	16.266	16.236	35.645	14.3	26.190
200	15.965	15.933	35.631	16.5	26.249
250	15.023	14.985	35.707	19.2	26.520
300	16.270	16.222	36.349	33.4	26.735
350	19.525	19.460	37.550	66.0	26.851
400	19.821	19.746	37.741	67.8	26.922
450	20.024	19.939	37.974	67.1	27.049
500	21.987	21.886	39.119	83.1	27.384

Redsox-1 Station 037
Latitude: 12 22.71 N
Longitude: 044 01.80 E
Date: 20-02-2001
Time: 2111 GMT

Rsx1-037



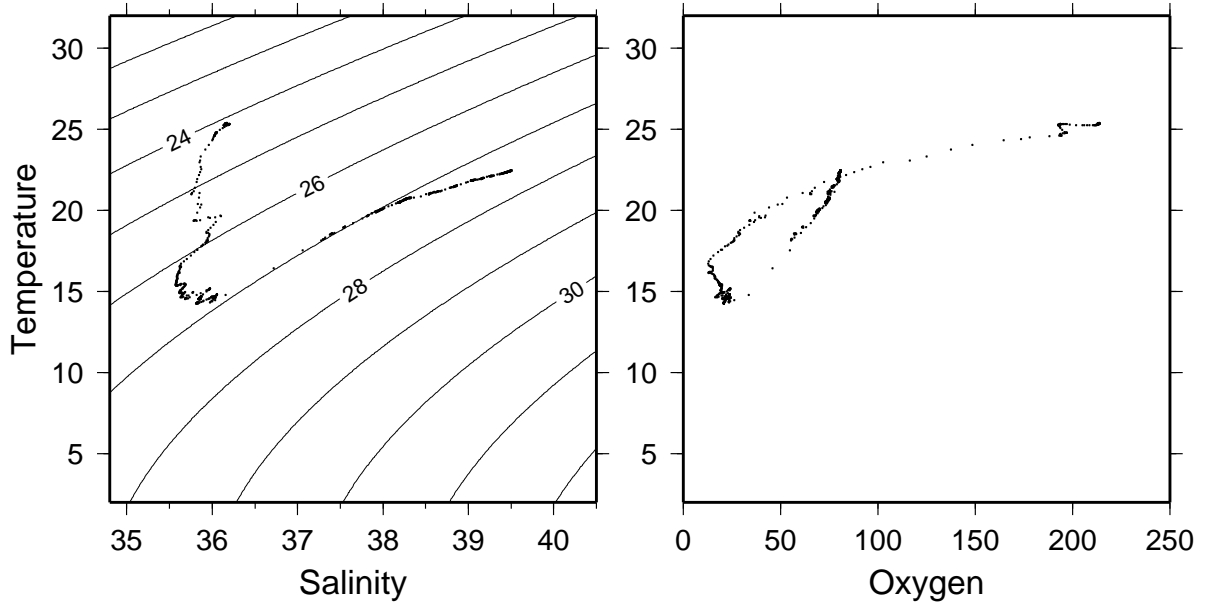
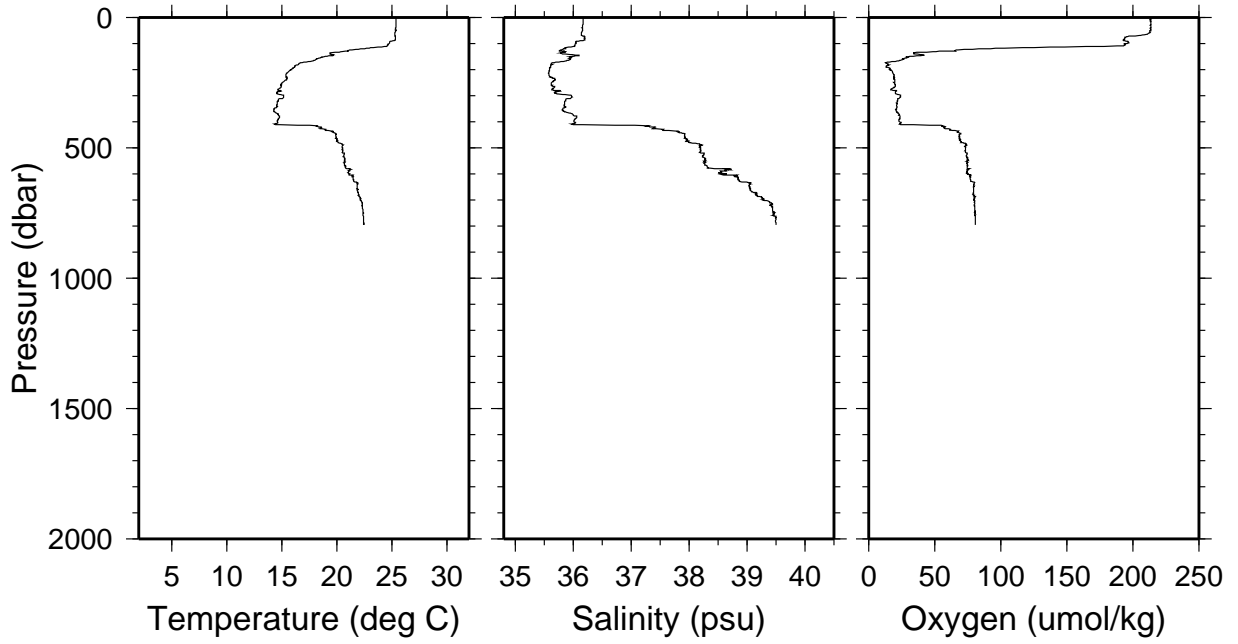
Redsox-1 **Station 038**
Latitude: 12° 16.24 N
Longitude: 044° 14.99 E
Date: 21-02-2001 2350 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.361	25.359	36.170	213.2	24.115
20	25.369	25.365	36.170	213.4	24.114
30	25.353	25.347	36.162	213.6	24.114
40	25.319	25.310	36.153	213.2	24.118
50	25.330	25.319	36.156	213.8	24.118
60	25.260	25.246	36.138	212.2	24.126
70	25.264	25.249	36.155	201.9	24.138
80	25.306	25.288	36.195	193.7	24.156
90	25.084	25.064	36.125	193.7	24.172
100	24.744	24.723	36.044	194.9	24.215
110	24.500	24.477	36.018	178.1	24.269
120	22.341	22.317	35.857	87.8	24.780
130	20.768	20.744	35.843	53.4	25.205
140	19.366	19.340	35.814	34.4	25.556
150	18.798	18.771	35.953	29.3	25.808
160	18.147	18.119	35.948	26.2	25.969
170	17.441	17.413	35.794	17.7	26.024
180	16.519	16.489	35.635	15.0	26.122
190	16.155	16.125	35.612	13.1	26.190
200	15.827	15.796	35.587	16.3	26.246
250	15.061	15.023	35.631	19.0	26.454
300	15.160	15.114	35.969	24.0	26.694
350	14.297	14.245	35.820	20.8	26.769
400	14.570	14.509	36.013	23.1	26.861
450	19.905	19.820	37.918	68.6	27.037
500	20.502	20.406	38.193	73.4	27.090
550	20.732	20.625	38.280	74.2	27.097
600	21.171	21.053	38.641	75.3	27.254
650	21.861	21.730	39.048	79.6	27.374
700	22.105	21.962	39.266	79.5	27.474
750	22.401	22.247	39.470	80.9	27.548

Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Bottle Data	
				Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
795.2	1	22.451	22.287	39.508	79.9
547.7	2	20.867	20.760	38.358	73.0
398.4	3	14.576	14.516	36.021	24.1
214.2	4	15.383	15.350	35.594	19.5
88.0	5	25.114	25.095	36.127	191.5
49.1	6	25.326	25.315	36.170	209.5
2.1	7	25.342	25.342	36.178	209.7

Redsox-1 Station 038
Latitude: 12 16.24 N
Longitude: 044 14.99 E
Date: 21-02-2001
Time: 2350 GMT

Rsx1-038

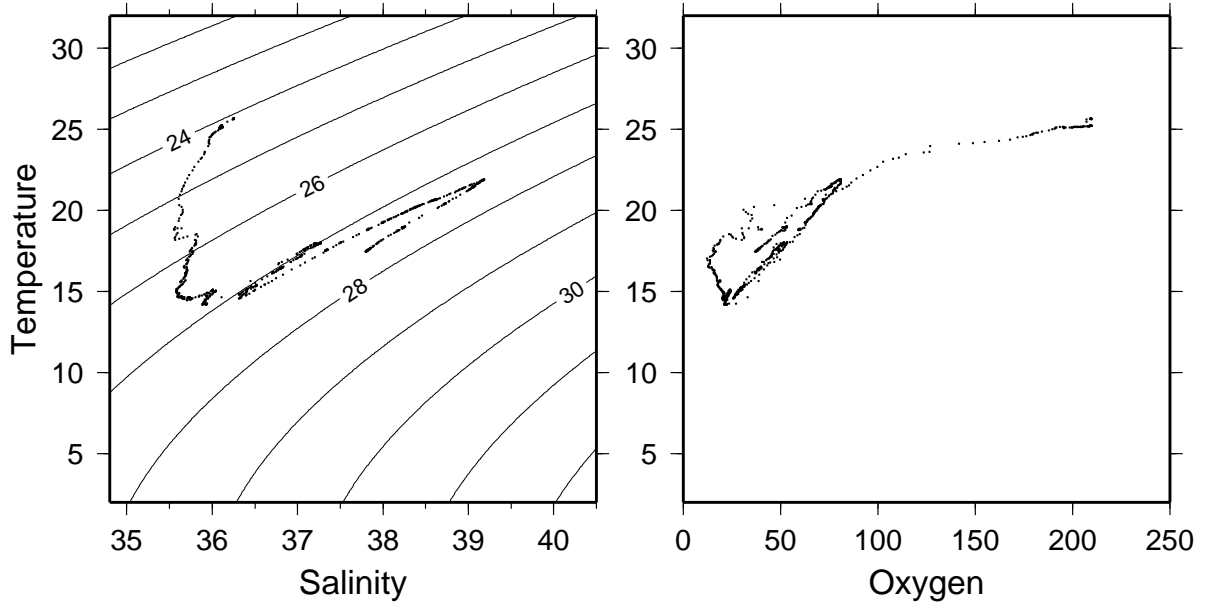
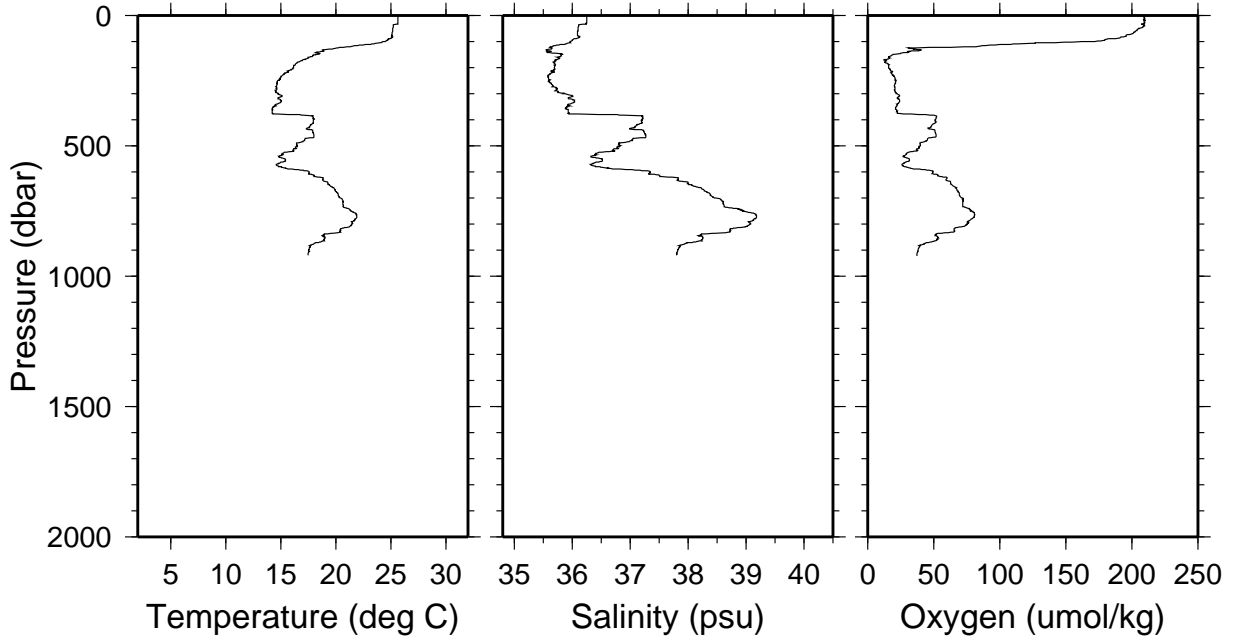


Redsox-1 **Station 039**
Latitude: 12° 7.28 N
Longitude: 044° 17.02 E
Date: 21-02-2001 0159 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.646	25.644	36.252	209.3	24.089
20	25.649	25.644	36.252	209.4	24.089
30	25.626	25.620	36.244	209.4	24.091
40	25.199	25.190	36.106	209.5	24.119
50	25.161	25.150	36.098	205.2	24.126
60	25.137	25.124	36.095	202.6	24.131
70	25.122	25.107	36.092	200.0	24.134
80	25.135	25.118	36.126	195.2	24.156
90	24.799	24.780	36.026	182.2	24.184
100	24.364	24.342	35.965	168.0	24.270
110	23.167	23.145	35.867	107.8	24.549
120	21.166	21.143	35.638	78.7	24.941
130	19.350	19.326	35.605	34.4	25.400
140	18.351	18.327	35.567	31.1	25.625
150	18.140	18.114	35.811	19.0	25.865
160	17.525	17.498	35.745	15.1	25.966
170	17.036	17.008	35.708	12.3	26.056
180	16.500	16.471	35.670	13.0	26.154
190	16.253	16.223	35.705	15.9	26.238
200	16.137	16.105	35.688	15.8	26.253
250	14.725	14.687	35.597	21.3	26.501
300	14.689	14.644	35.848	21.9	26.704
350	14.385	14.333	35.919	21.5	26.827
400	17.936	17.866	37.198	51.0	26.990
450	17.929	17.850	37.243	51.2	27.028
500	16.524	16.441	36.832	39.9	27.055
550	15.375	15.289	36.514	31.5	27.076
600	17.572	17.468	37.351	49.5	27.206
650	19.404	19.284	38.056	63.8	27.285
700	20.379	20.244	38.464	71.6	27.341
750	21.369	21.219	38.935	78.2	27.432
800	21.467	21.307	39.068	75.1	27.509
900	17.540	17.382	37.820	38.1	27.588

Redsox-1 Station 039
Latitude: 12 07.28 N
Longitude: 044 17.02 E
Date: 21-02-2001
Time: 0159 GMT

Rsx1-039



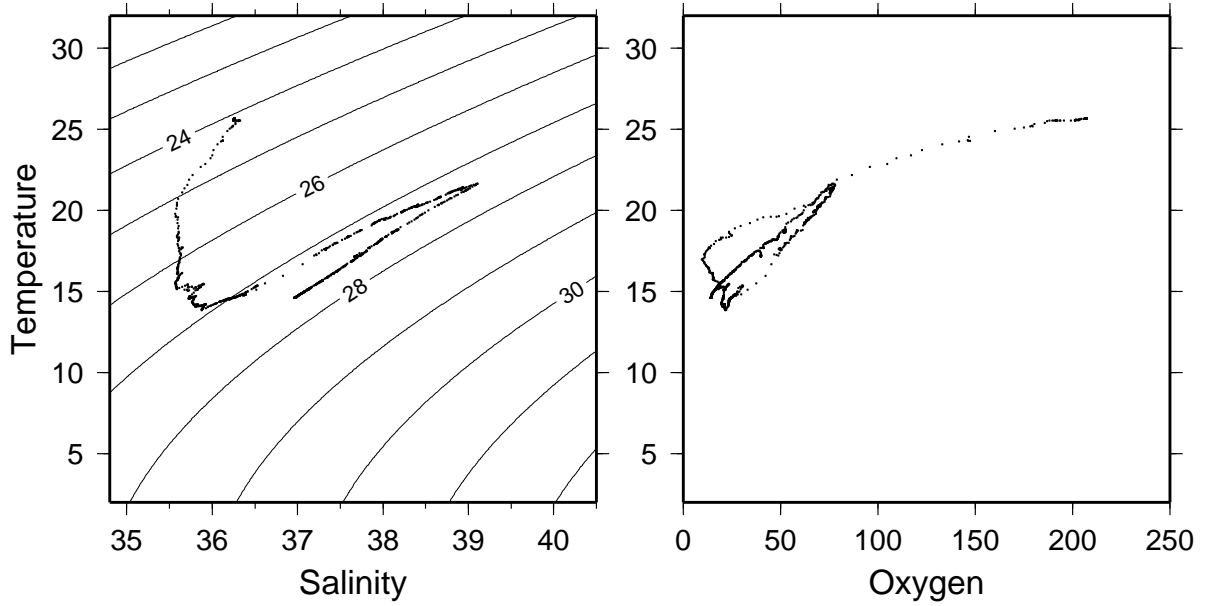
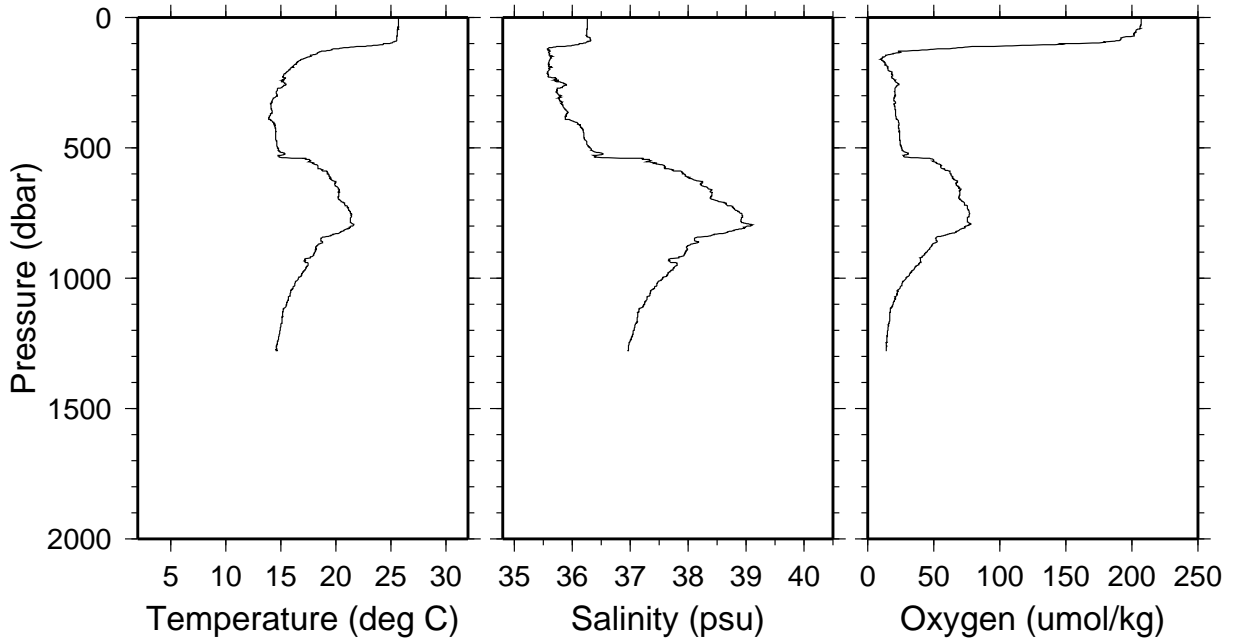
Redsox-1 **Station 040**
Latitude: 12° 2.19 N
Longitude: 044° 17.69 E
Date: 21-02-2001 0347 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.669	25.667	36.261	207.0	24.089
20	25.672	25.668	36.261	207.2	24.089
30	25.665	25.658	36.259	206.4	24.090
40	25.656	25.648	36.258	206.3	24.093
50	25.578	25.567	36.247	203.1	24.110
60	25.568	25.555	36.246	201.7	24.113
70	25.556	25.540	36.246	201.6	24.117
80	25.547	25.530	36.313	191.8	24.171
90	25.538	25.518	36.324	188.1	24.183
100	24.544	24.523	36.125	146.6	24.337
110	22.682	22.660	35.868	95.7	24.690
120	20.097	20.075	35.577	57.1	25.182
130	18.688	18.665	35.606	23.4	25.570
140	18.212	18.188	35.606	19.4	25.690
150	17.605	17.579	35.632	12.8	25.859
160	16.966	16.939	35.620	9.6	26.004
170	16.550	16.523	35.601	12.1	26.089
180	16.350	16.321	35.596	13.3	26.132
190	16.155	16.124	35.646	15.1	26.216
200	15.811	15.779	35.595	15.4	26.256
250	15.259	15.221	35.811	21.8	26.548
300	14.696	14.651	35.807	20.9	26.671
350	14.129	14.077	35.873	20.7	26.845
400	14.268	14.208	36.042	23.3	26.949
450	14.546	14.478	36.203	23.9	27.015
500	14.721	14.645	36.307	25.8	27.059
550	17.642	17.547	37.330	49.6	27.170
600	19.263	19.152	37.914	62.8	27.211
650	20.112	19.988	38.306	69.0	27.289
700	20.356	20.221	38.459	70.4	27.343
750	21.325	21.176	38.897	77.0	27.415
800	21.466	21.306	39.049	74.3	27.495
900	18.091	17.930	37.957	44.6	27.556
1000	16.587	16.418	37.557	28.9	27.618
1250	14.660	14.464	36.982	14.2	27.620

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1225.4	1	14.768	14.576	37.022	23.3
780.0	2	21.266	21.111	38.911	79.3
468.0	3	14.546	14.475	36.222	31.1
74.2	4	25.553	25.537	36.264	200.8
46.1	5	25.618	25.608	36.262	209.3
3.0	6	25.646	25.645	36.267	208.7

Redsox-1 Station 040
Latitude: 12 02.19 N
Longitude: 044 17.69 E
Date: 21-02-2001
Time: 0347 GMT

Rsx1-040

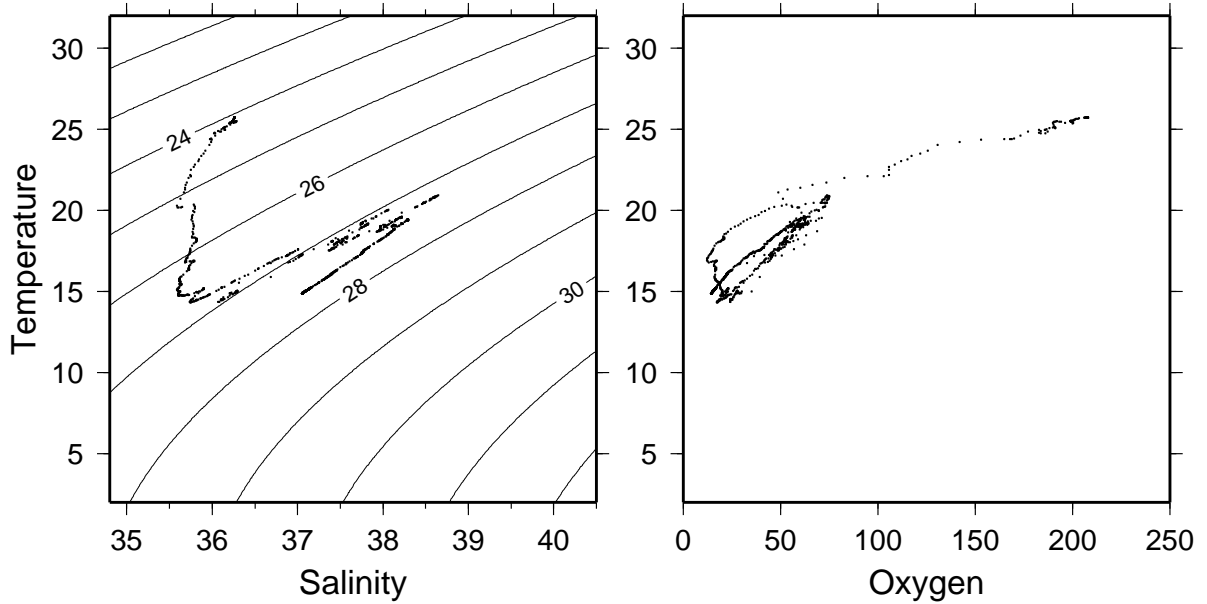
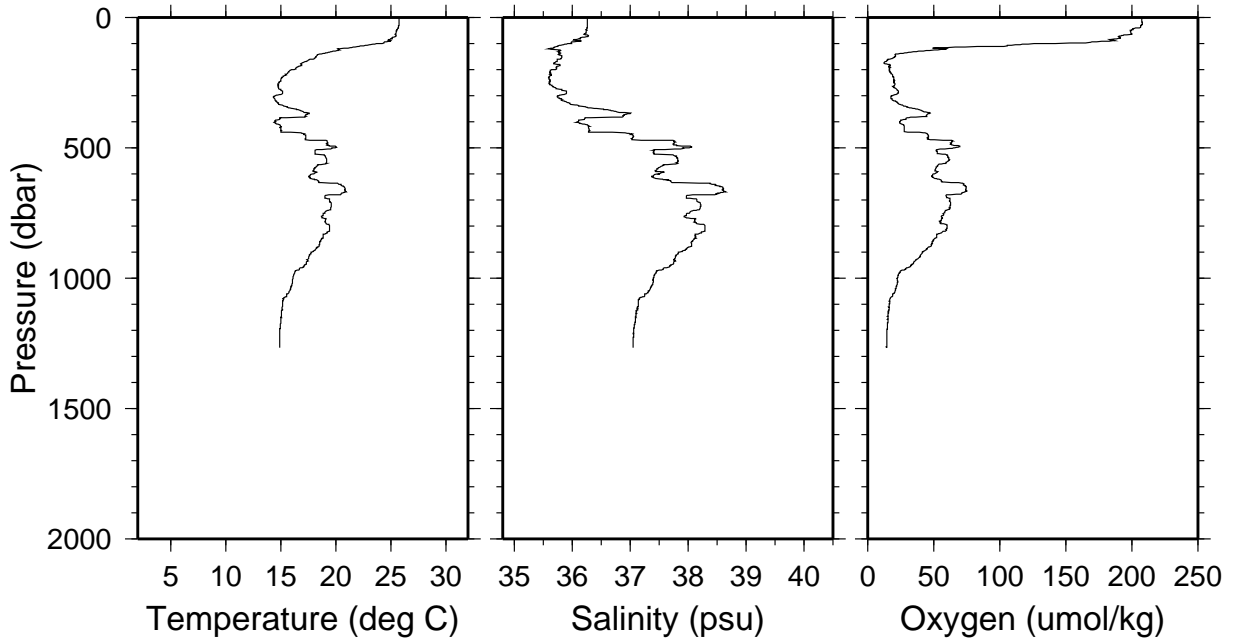


Redsox-1 **Station 041**
Latitude: 12° 2.21 N
Longitude: 044° 5.88 E
Date: 21-02-2001 0612 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.732	25.730	36.262	207.7	24.070
20	25.720	25.716	36.261	207.8	24.074
30	25.715	25.708	36.261	207.2	24.076
40	25.685	25.676	36.257	203.3	24.083
50	25.509	25.498	36.244	198.7	24.128
60	25.484	25.471	36.238	199.0	24.133
70	25.485	25.470	36.284	191.6	24.168
80	25.069	25.052	36.132	191.1	24.181
90	24.976	24.957	36.152	185.7	24.225
100	24.019	23.998	35.966	130.5	24.373
110	22.121	22.099	35.748	103.0	24.758
120	20.184	20.162	35.593	58.6	25.171
130	19.723	19.700	35.774	38.7	25.431
140	18.577	18.553	35.777	22.0	25.729
150	18.209	18.183	35.819	20.6	25.854
160	17.810	17.782	35.761	16.1	25.909
170	17.201	17.173	35.719	13.2	26.025
180	16.868	16.839	35.752	16.1	26.130
190	16.477	16.446	35.727	16.9	26.204
200	16.045	16.013	35.662	16.3	26.254
250	14.826	14.788	35.606	19.9	26.486
300	14.495	14.451	35.760	18.6	26.678
350	16.294	16.237	36.506	36.3	26.852
400	14.464	14.404	36.104	24.2	26.954
450	17.160	17.084	37.019	45.6	27.045
500	19.833	19.739	37.981	65.0	27.108
550	19.173	19.072	37.829	61.0	27.166
600	17.973	17.867	37.508	49.7	27.228
650	20.735	20.608	38.579	74.6	27.329
700	19.422	19.291	38.150	62.2	27.355
750	18.987	18.850	38.016	57.6	27.367
800	19.416	19.267	38.289	60.0	27.468
900	17.727	17.569	37.832	41.4	27.551
1000	16.100	15.935	37.402	22.6	27.612
1250	14.902	14.705	37.053	14.4	27.622

Redsox-1 Station 041
Latitude: 12 02.21 N
Longitude: 044 05.88 E
Date: 21-02-2001
Time: 0612 GMT

Rsx1-041



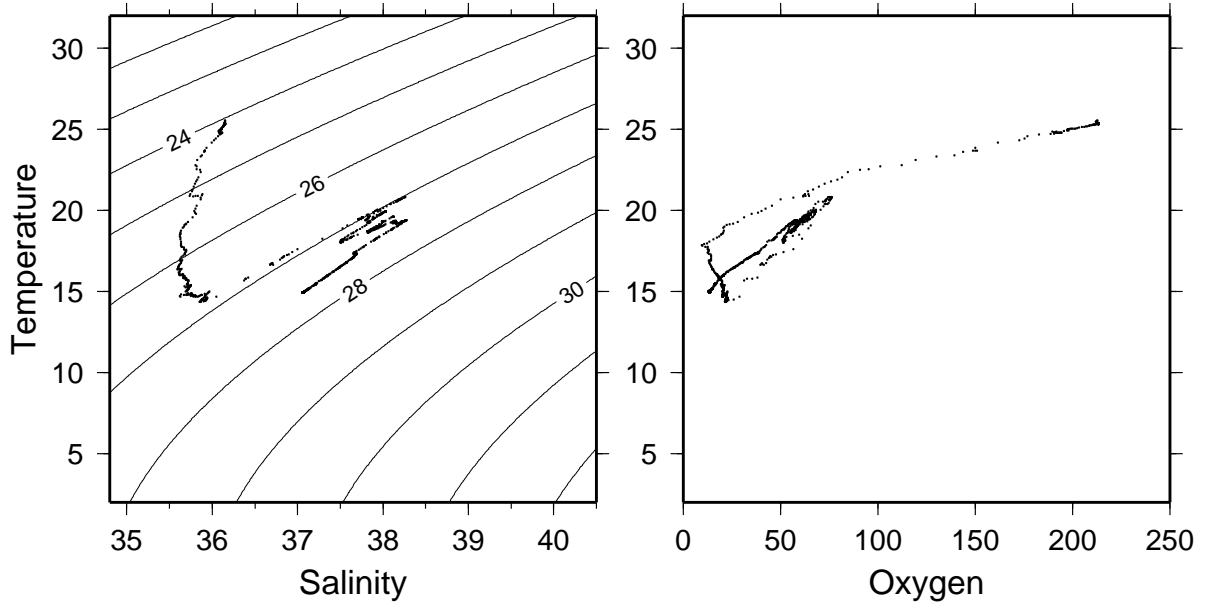
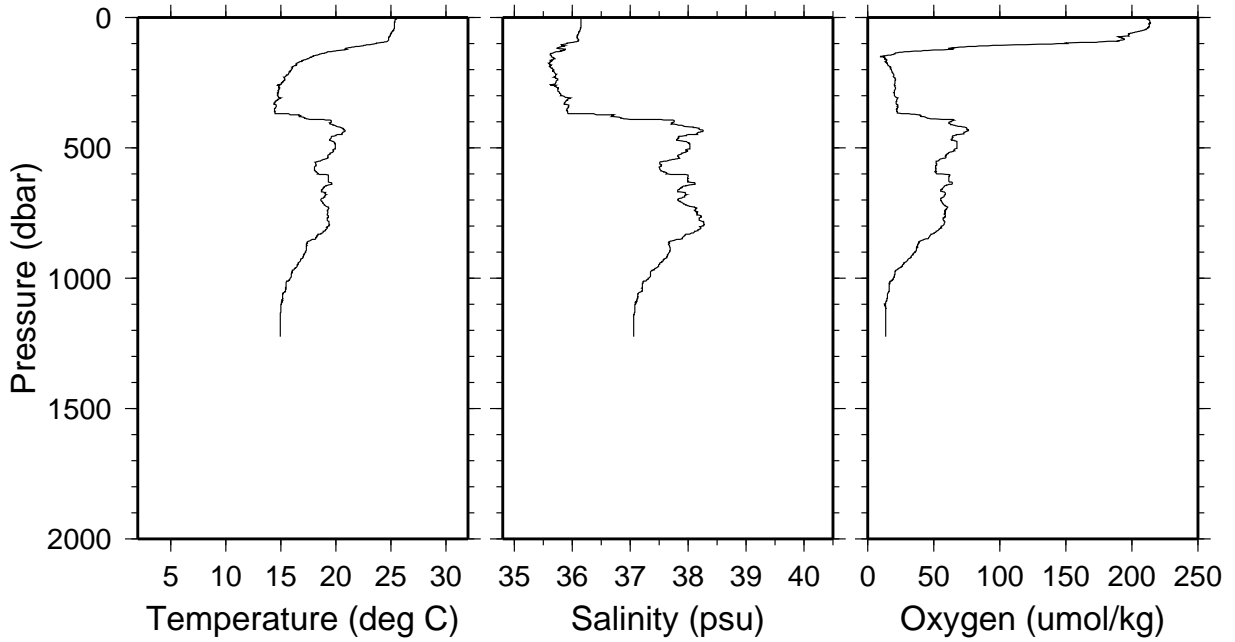
Redsox-1 **Station 042**
Latitude: 12° 1.23 N
Longitude: 043° 54.51 E
Date: 21-02-2001 0822 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.367	25.365	36.147	213.1	24.096
20	25.339	25.334	36.148	213.4	24.106
30	25.329	25.323	36.147	213.3	24.109
40	25.309	25.300	36.145	211.9	24.115
50	25.209	25.198	36.133	208.3	24.137
60	25.024	25.011	36.108	199.3	24.175
70	24.926	24.910	36.086	197.8	24.190
80	24.783	24.766	36.090	193.3	24.237
90	24.736	24.717	36.102	190.6	24.261
100	23.673	23.652	35.912	148.7	24.435
110	22.041	22.019	35.841	81.6	24.852
120	20.876	20.853	35.802	62.9	25.144
130	19.768	19.744	35.813	35.1	25.449
140	18.587	18.562	35.627	20.2	25.612
150	17.824	17.798	35.637	9.7	25.810
160	17.322	17.295	35.677	13.2	25.963
170	16.750	16.722	35.632	13.5	26.065
180	16.391	16.362	35.615	15.0	26.138
190	16.030	16.000	35.617	17.3	26.222
200	15.923	15.891	35.667	18.0	26.286
250	15.125	15.086	35.716	20.5	26.505
300	14.662	14.617	35.806	20.2	26.678
350	14.443	14.391	35.909	22.1	26.806
400	19.583	19.509	37.759	62.8	26.998
450	20.135	20.050	38.004	67.1	27.042
500	19.942	19.848	38.030	67.7	27.116
550	18.563	18.465	37.631	52.9	27.171
600	18.357	18.250	37.634	53.0	27.228
650	18.946	18.827	37.900	57.7	27.285
700	18.646	18.519	37.825	55.2	27.306
750	19.252	19.113	38.162	58.6	27.411
800	19.335	19.186	38.253	56.3	27.461
900	17.238	17.083	37.677	35.9	27.551
1000	15.841	15.678	37.315	19.4	27.605

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1223.6	1	14.928	14.735	39.939	-10.0
886.0	2	17.309	17.156	37.691	44.2
780.4	3	19.296	19.151	38.231	61.3
589.0	4	18.088	17.984	37.578	54.4
350.2	5	14.442	14.390	35.926	27.6
50.8	6	25.186	25.175	36.124	205.2
1.7	7	25.591	25.591	36.162	214.0

Redsox-1 Station 042
Latitude: 12 01.23 N
Longitude: 043 54.51 E
Date: 21-02-2001
Time: 0822 GMT

Rsx1-042

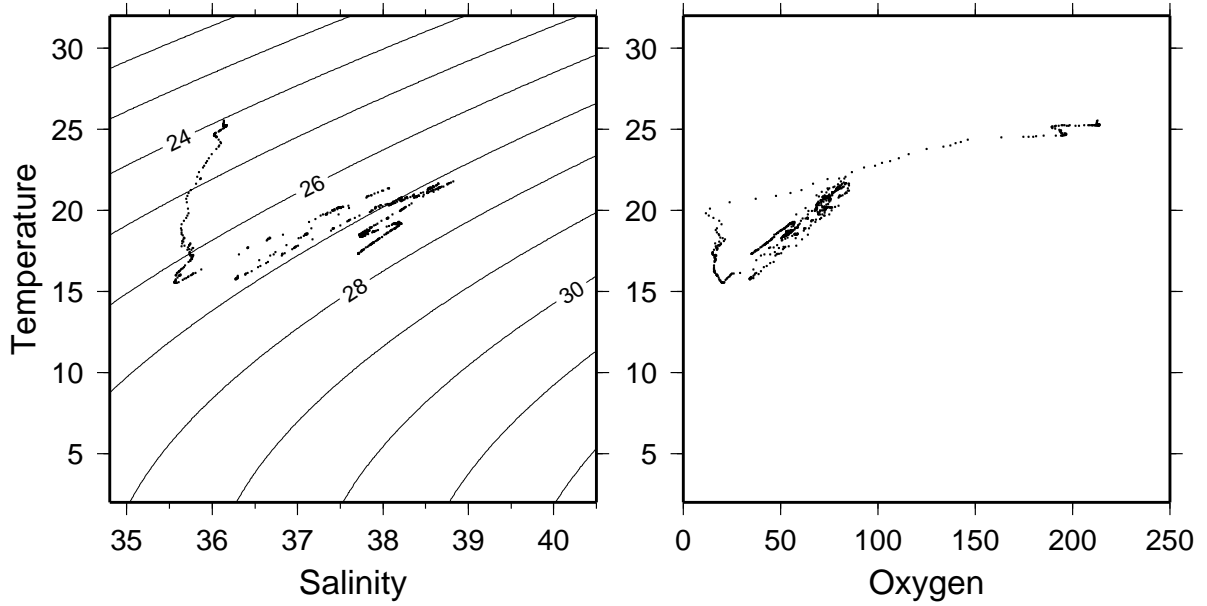
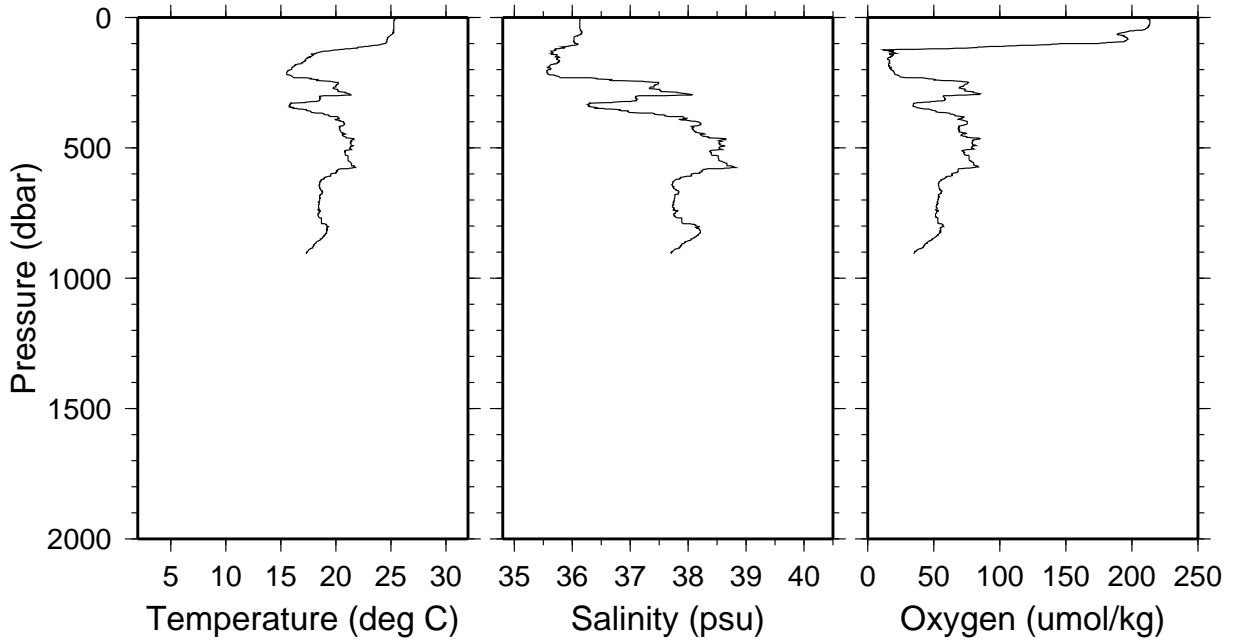


Redsox-1 **Station 043**
Latitude: 12° 5.05 N
Longitude: 043° 50.49 E
Date: 21-02-2001 1012 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.294	25.292	36.132	213.5	24.108
20	25.257	25.252	36.133	213.4	24.120
30	25.247	25.240	36.132	212.9	24.123
40	25.243	25.235	36.133	211.7	24.126
50	25.220	25.209	36.140	203.4	24.139
60	25.185	25.172	36.161	191.1	24.166
70	24.917	24.902	36.090	194.2	24.195
80	24.702	24.685	36.032	196.5	24.217
90	24.637	24.618	36.029	195.0	24.236
100	24.501	24.480	36.050	163.3	24.293
110	22.931	22.908	35.929	102.0	24.665
120	21.056	21.033	35.724	55.0	25.036
130	18.898	18.875	35.632	17.3	25.537
140	17.966	17.942	35.651	16.3	25.785
150	17.584	17.559	35.707	17.2	25.922
160	17.274	17.247	35.738	15.3	26.022
170	17.078	17.049	35.757	16.1	26.084
180	16.442	16.412	35.653	15.8	26.155
190	16.050	16.020	35.577	16.9	26.187
200	15.956	15.924	35.613	17.6	26.237
250	20.193	20.146	37.491	76.2	26.624
300	19.749	19.693	37.483	58.0	26.739
350	16.577	16.520	36.567	42.8	26.832
400	20.682	20.604	38.178	75.6	27.024
450	20.587	20.500	38.214	71.0	27.080
500	21.268	21.169	38.527	78.6	27.135
550	21.178	21.069	38.561	77.9	27.189
600	19.534	19.422	38.060	63.6	27.252
650	18.542	18.425	37.746	53.9	27.270
700	18.504	18.378	37.758	53.1	27.290
750	18.463	18.328	37.777	51.9	27.318
800	19.197	19.049	38.140	56.7	27.411
900	17.354	17.198	37.715	35.4	27.551

Redsox-1 Station 043
Latitude: 12 05.05 N
Longitude: 043 50.49 E
Date: 21-02-2001
Time: 1012 GMT

Rsx1-043



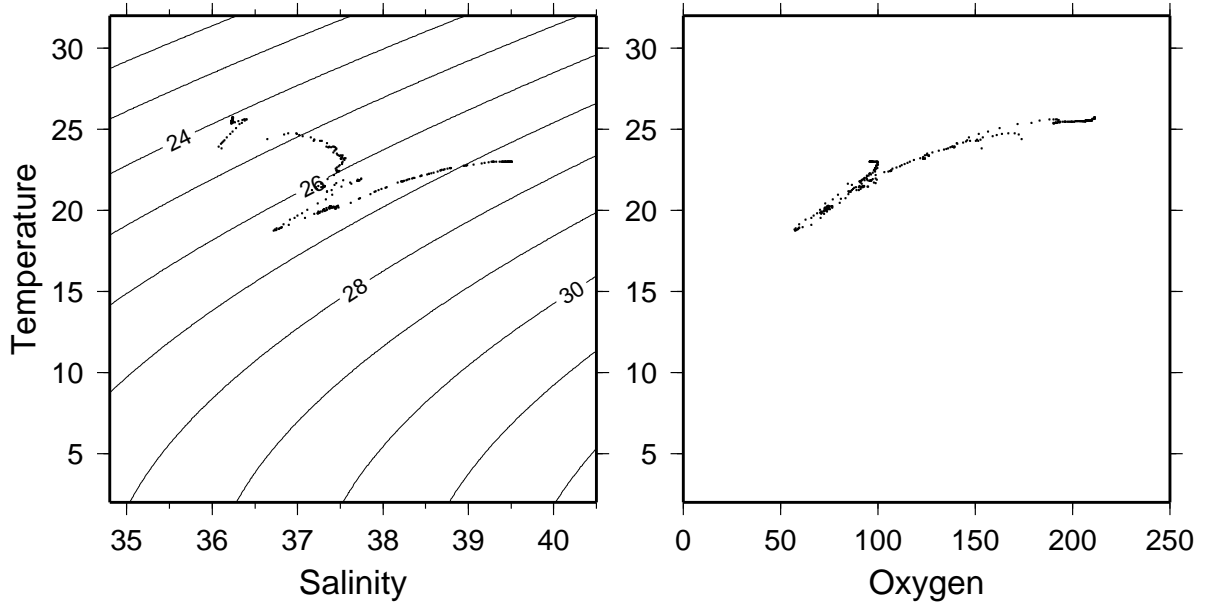
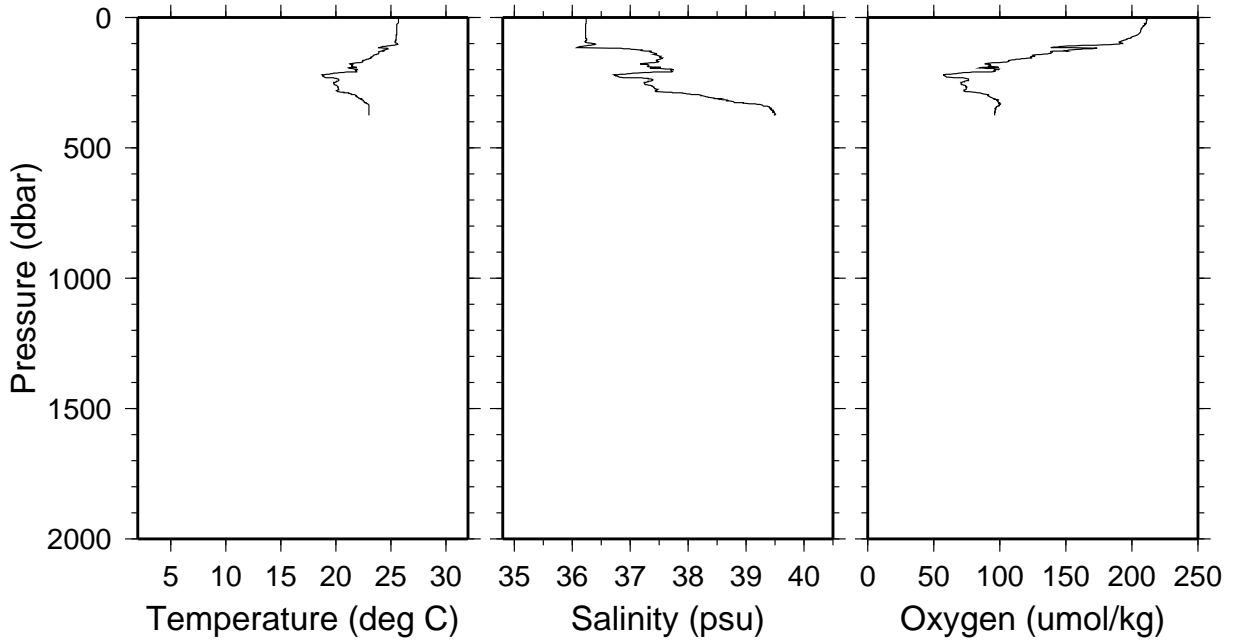
Redsox-1 **Station 044**
Latitude: 12° 20.99 N
Longitude: 043° 38.51 E
Date: 21-02-2001 1730 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.698	25.695	36.242	211.3	24.066
20	25.659	25.654	36.238	211.2	24.075
30	25.529	25.522	36.230	209.4	24.110
40	25.521	25.513	36.231	207.5	24.114
50	25.517	25.506	36.231	206.5	24.117
60	25.511	25.498	36.232	205.6	24.119
70	25.488	25.473	36.229	202.3	24.125
80	25.474	25.456	36.238	198.0	24.137
90	25.412	25.392	36.234	192.6	24.153
100	25.597	25.575	36.374	192.0	24.203
110	24.490	24.466	36.172	146.8	24.389
120	24.753	24.727	36.984	167.0	24.925
130	24.131	24.103	37.347	140.4	25.389
140	23.792	23.762	37.455	135.1	25.573
150	23.300	23.269	37.521	123.1	25.769
160	22.870	22.837	37.519	113.6	25.893
170	22.437	22.402	37.486	106.2	25.993
180	21.422	21.387	37.279	92.2	26.123
190	21.689	21.651	37.452	98.9	26.181
200	21.938	21.898	37.745	97.4	26.334
250	19.814	19.767	37.237	70.8	26.531
300	21.794	21.734	38.232	90.8	26.751
350	22.988	22.915	39.434	96.7	27.326

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
375.0	1	23.004	22.926	39.504	97.4
282.1	2	20.137	20.084	37.457	72.3
253.5	3	19.927	19.880	37.296	71.1
203.6	4	21.637	21.597	37.654	90.0
156.9	5	23.156	23.123	37.548	119.3
100.5	6	25.581	25.559	36.369	187.3
50.7	7	25.518	25.507	36.240	202.7
3.0	8	25.659	25.658	36.249	209.5

Redsox-1 Station 044
Latitude: 12 20.99 N
Longitude: 043 38.51 E
Date: 21-02-2001
Time: 1730 GMT

Rsx1-044

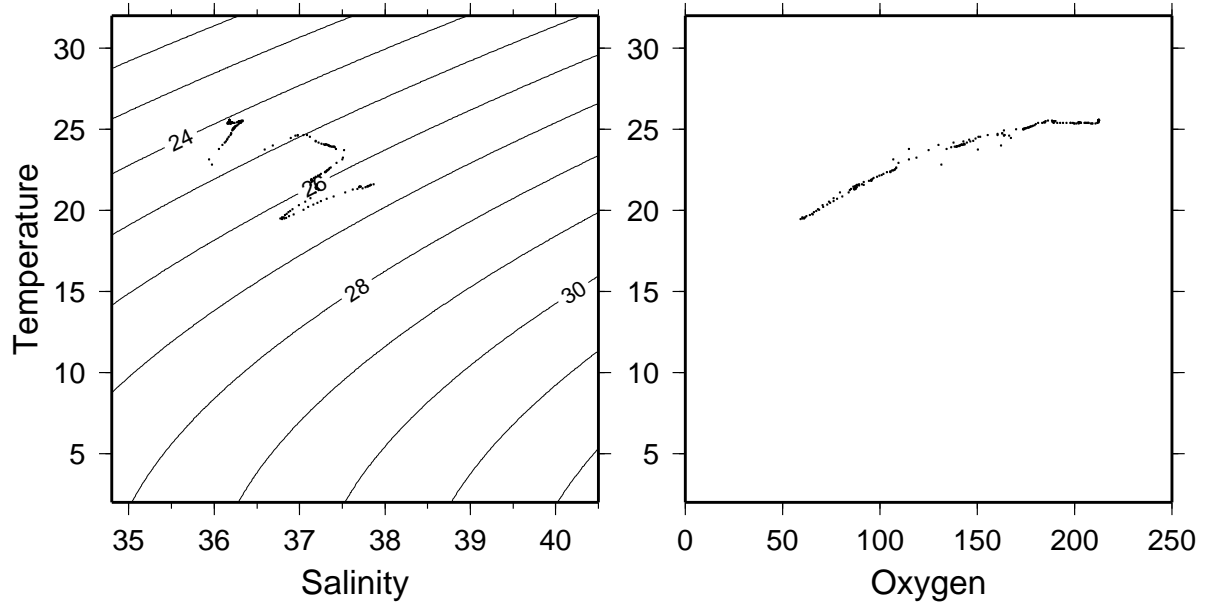
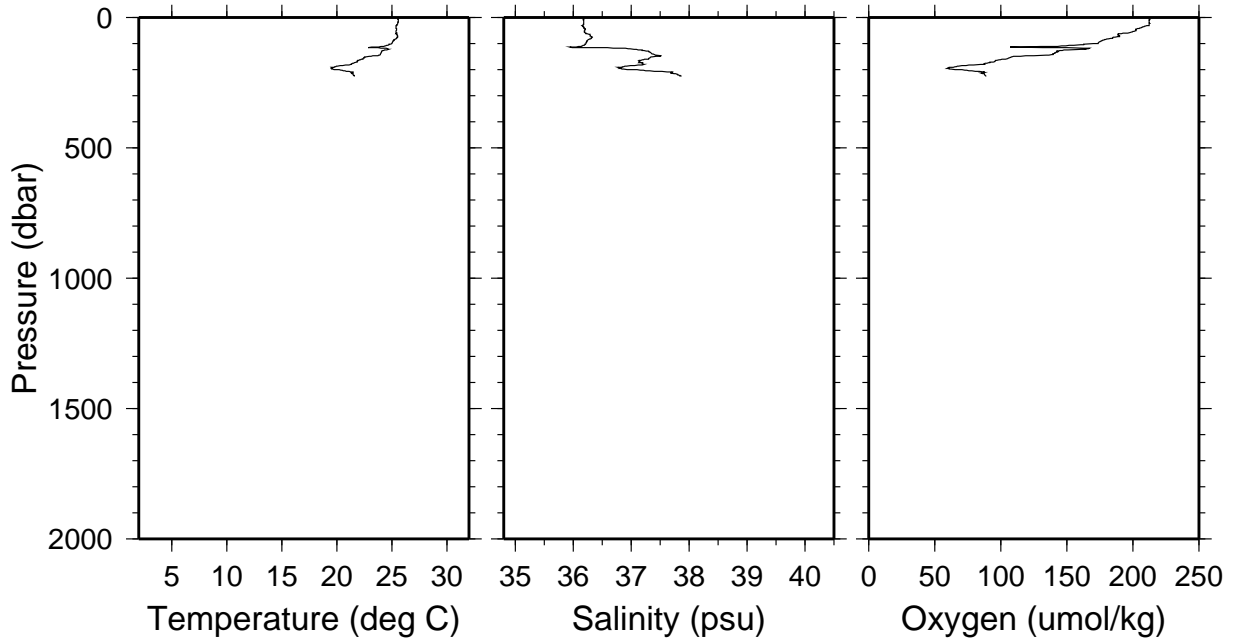


Redsox-1 **Station 045**
Latitude: 12° 18.57 N
Longitude: 043° 33.09 E
Date: 21-02-2001 1920 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.554	25.552	36.175	212.5	24.060
20	25.549	25.545	36.180	212.4	24.066
30	25.415	25.408	36.163	212.2	24.095
40	25.388	25.379	36.188	205.5	24.123
50	25.402	25.391	36.199	202.1	24.128
60	25.403	25.390	36.215	193.9	24.140
70	25.483	25.467	36.291	189.2	24.174
80	25.421	25.404	36.313	184.2	24.210
90	25.110	25.090	36.236	176.3	24.248
100	25.012	24.990	36.221	173.4	24.267
110	24.265	24.242	36.136	142.8	24.429
120	24.651	24.625	36.979	164.1	24.952
130	24.048	24.020	37.296	142.6	25.375
140	23.945	23.916	37.369	139.2	25.461
150	22.634	22.603	37.364	108.4	25.843
160	22.240	22.208	37.252	101.9	25.871
170	21.838	21.805	37.151	95.4	25.908
180	21.336	21.301	37.223	86.7	26.104
190	19.727	19.692	36.832	63.9	26.242
200	20.050	20.013	37.043	68.8	26.317

Redsox-1 Station 045
Latitude: 12 18.57 N
Longitude: 043 33.09 E
Date: 21-02-2001
Time: 1920 GMT

Rsx1-045

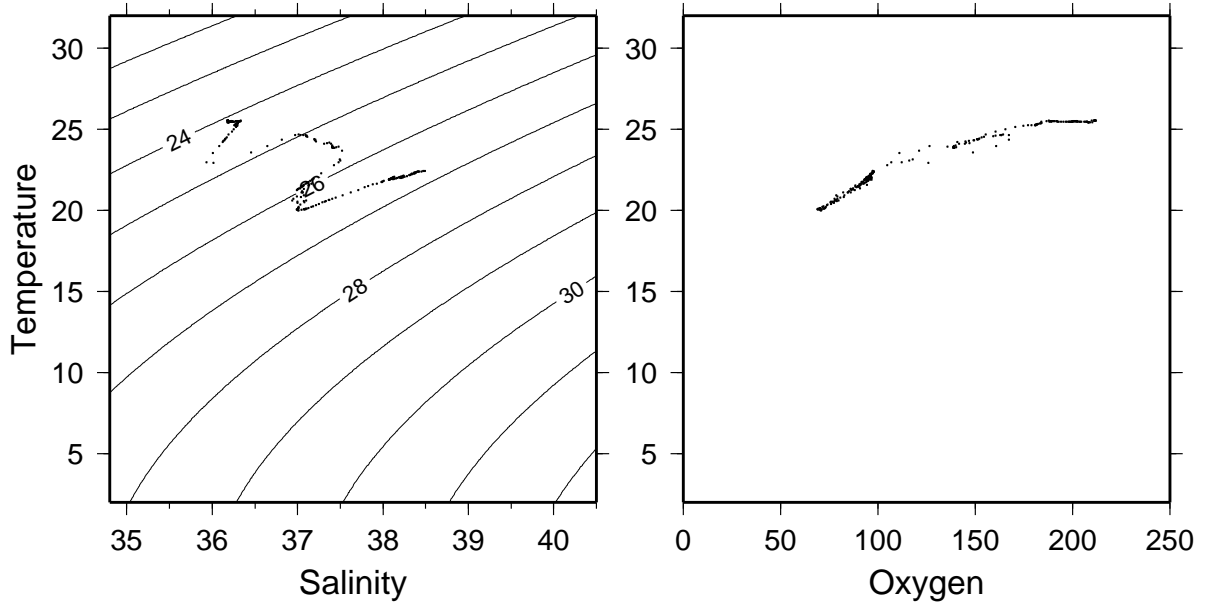
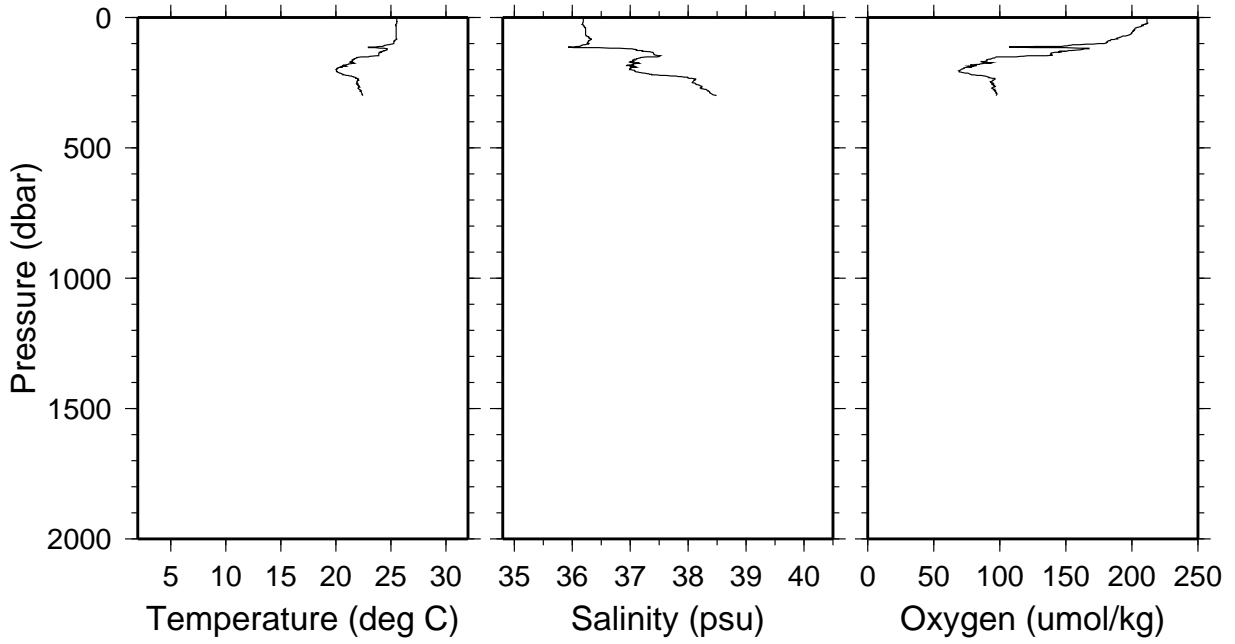


Redsox-1 **Station 046**
Latitude: 12° 19.20 N
Longitude: 043° 34.52 E
Date: 21-02-2001 2016 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.549	25.547	36.186	211.5	24.070
20	25.536	25.531	36.182	211.5	24.072
30	25.445	25.438	36.193	208.1	24.108
40	25.482	25.473	36.225	202.6	24.122
50	25.483	25.472	36.228	201.5	24.124
60	25.482	25.468	36.232	199.6	24.129
70	25.463	25.448	36.238	195.3	24.139
80	25.480	25.463	36.304	188.2	24.184
90	25.324	25.304	36.284	182.3	24.218
100	25.236	25.214	36.293	177.2	24.253
110	24.271	24.248	36.133	146.7	24.426
120	24.677	24.651	37.013	164.4	24.970
130	24.257	24.230	37.213	145.0	25.249
140	23.881	23.851	37.409	138.9	25.511
150	22.965	22.934	37.478	112.1	25.834
160	21.637	21.606	37.092	91.8	25.919
170	21.306	21.273	37.003	86.2	25.944
180	21.107	21.072	37.058	84.6	26.042
190	20.589	20.553	37.099	78.0	26.215
200	20.004	19.966	37.006	70.6	26.302
250	21.885	21.835	38.070	93.2	26.600

Redsox-1 Station 046
Latitude: 12 19.20 N
Longitude: 043 34.52 E
Date: 21-02-2001
Time: 2016 GMT

Rsx1-046

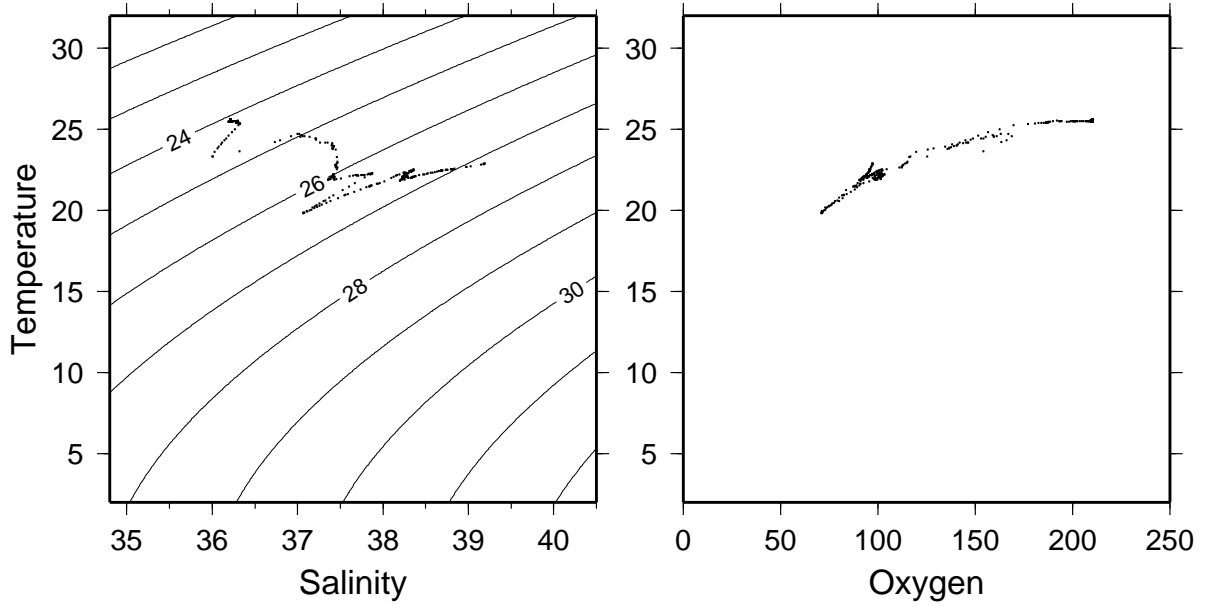
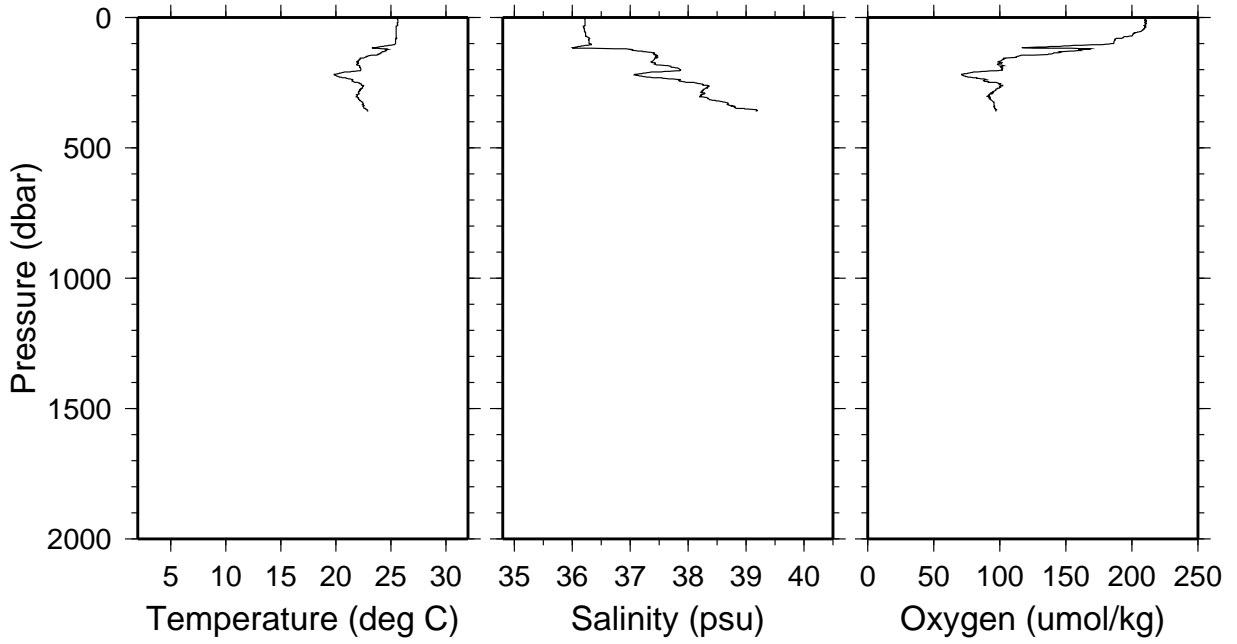


Redsox-1 **Station 047**
Latitude: 12° 19.86 N
Longitude: 043° 35.80 E
Date: 21-02-2001 2122 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.610	25.608	36.219	210.2	24.075
20	25.606	25.601	36.216	210.3	24.075
30	25.603	25.596	36.217	210.2	24.077
40	25.480	25.471	36.203	209.8	24.106
50	25.486	25.475	36.212	207.7	24.111
60	25.486	25.473	36.228	201.6	24.124
70	25.484	25.468	36.232	200.0	24.128
80	25.506	25.489	36.302	189.9	24.175
90	25.407	25.387	36.286	186.6	24.194
100	25.405	25.383	36.296	185.2	24.204
110	24.325	24.302	36.142	145.1	24.416
120	24.317	24.291	36.797	166.2	24.916
130	24.431	24.403	37.213	152.9	25.196
140	23.899	23.869	37.421	137.5	25.515
150	22.772	22.742	37.436	112.9	25.858
160	22.179	22.147	37.420	102.6	26.016
170	21.889	21.855	37.357	98.7	26.051
180	21.918	21.882	37.427	98.0	26.097
190	22.135	22.096	37.709	101.1	26.251
200	22.262	22.222	37.865	102.1	26.333
250	21.996	21.945	38.098	97.2	26.589
300	21.938	21.878	38.231	92.1	26.710
350	22.686	22.613	38.979	96.4	27.068

Redsox-1 Station 047
Latitude: 12 19.86 N
Longitude: 043 35.80 E
Date: 21-02-2001
Time: 2122 GMT

Rsx1-047

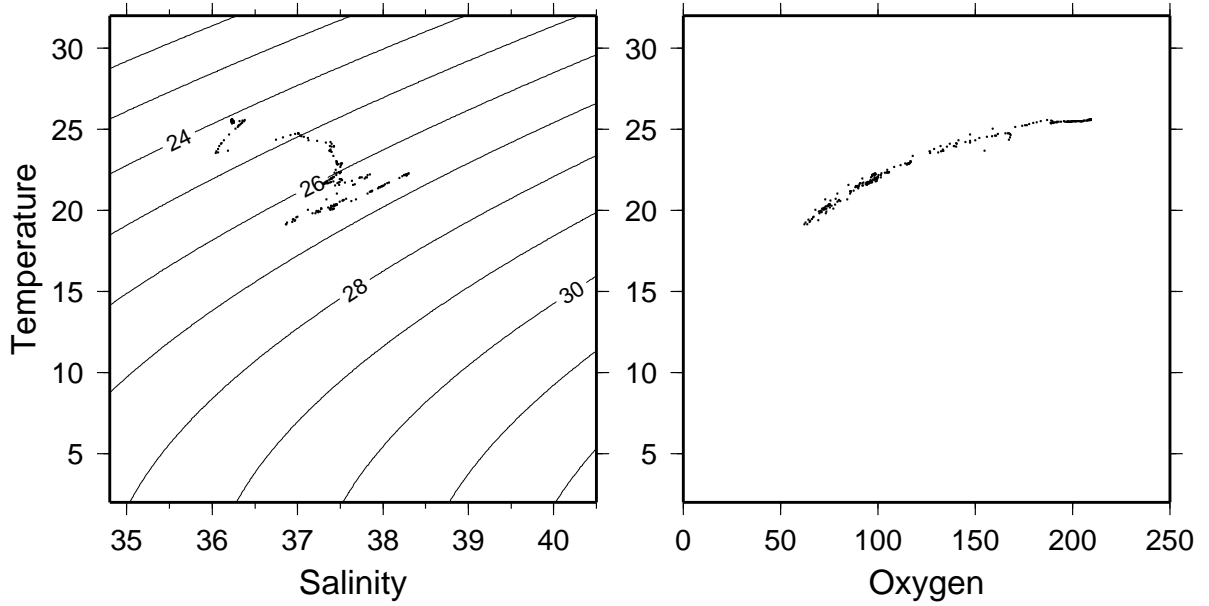
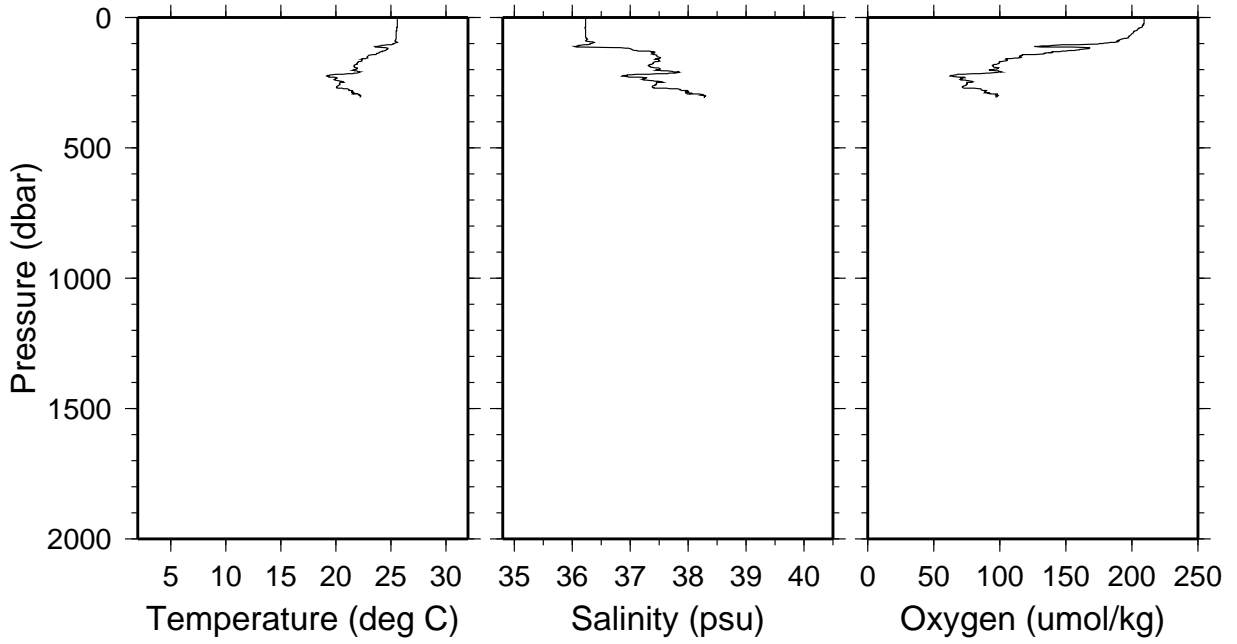


Redsox-1 **Station 048**
Latitude: 12° 20.45 N
Longitude: 043° 37.36 E
Date: 21-02-2001 2256 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.589	25.587	36.232	209.3	24.092
20	25.593	25.588	36.232	209.3	24.092
30	25.576	25.570	36.229	208.5	24.095
40	25.522	25.514	36.223	205.8	24.108
50	25.502	25.491	36.227	203.5	24.118
60	25.489	25.475	36.230	200.5	24.125
70	25.475	25.460	36.231	198.3	24.130
80	25.483	25.465	36.250	195.5	24.143
90	25.372	25.352	36.229	188.9	24.162
100	25.264	25.242	36.319	176.5	24.264
110	23.795	23.772	36.066	128.9	24.516
120	24.738	24.712	37.008	166.7	24.948
130	24.190	24.162	37.332	147.4	25.359
140	23.671	23.642	37.383	133.4	25.553
150	22.861	22.830	37.466	114.8	25.854
160	22.314	22.282	37.463	105.1	26.010
170	22.066	22.032	37.425	100.1	26.053
180	21.825	21.789	37.353	96.4	26.066
190	21.684	21.647	37.356	95.6	26.109
200	21.708	21.668	37.483	94.0	26.199
250	20.367	20.319	37.463	75.1	26.556
300	22.209	22.148	38.274	98.4	26.666

Redsox-1 Station 048
Latitude: 12 20.45 N
Longitude: 043 37.36 E
Date: 21-02-2001
Time: 2256 GMT

Rsx1-048

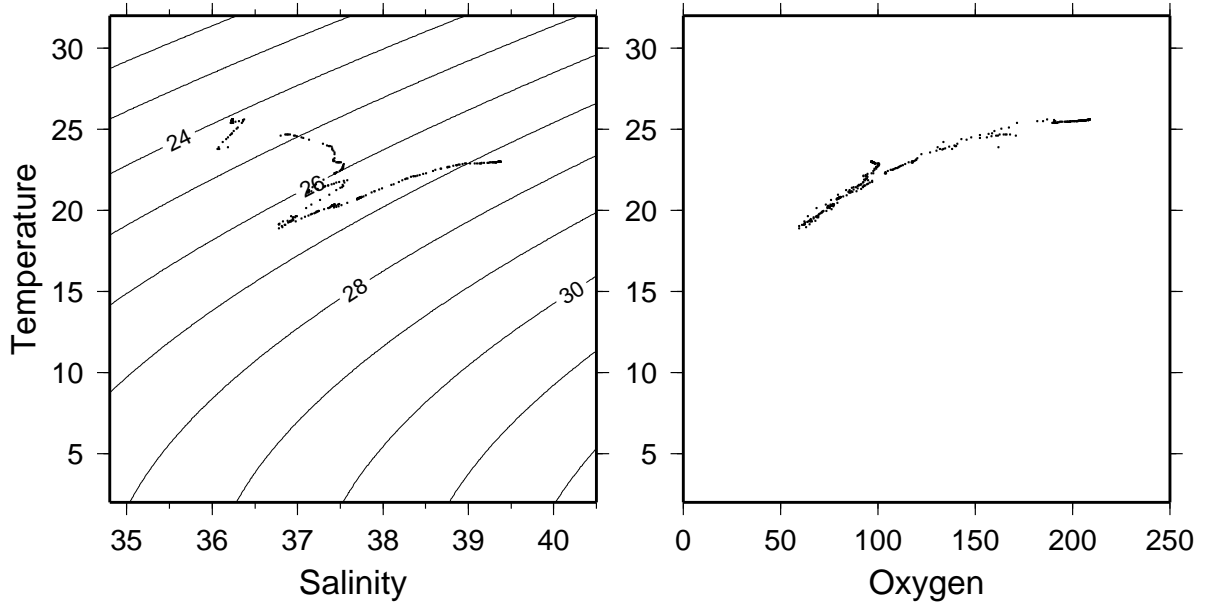
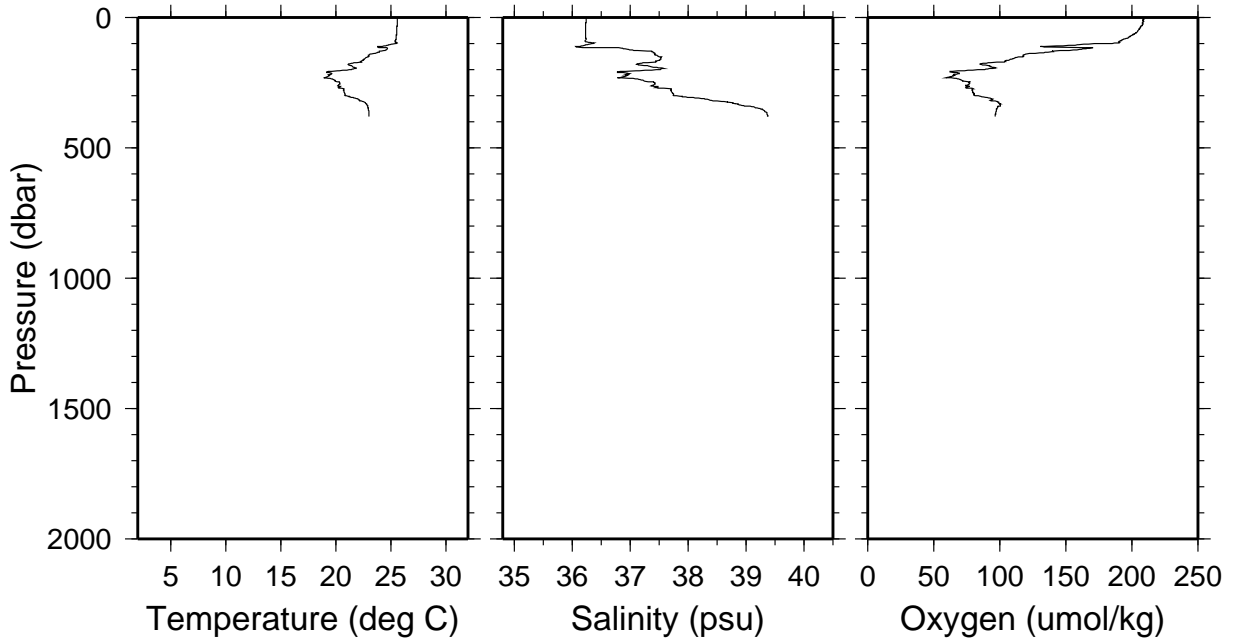


Redsox-1 **Station 049**
Latitude: 12° 20.92 N
Longitude: 043° 38.51 E
Date: 21-02-2001 2348 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.594	25.592	36.236	208.6	24.094
20	25.590	25.586	36.235	208.2	24.095
30	25.582	25.575	36.234	207.8	24.097
40	25.525	25.516	36.229	206.1	24.111
50	25.523	25.512	36.231	204.8	24.114
60	25.517	25.504	36.233	202.7	24.119
70	25.483	25.468	36.231	198.9	24.128
80	25.468	25.450	36.235	196.3	24.136
90	25.393	25.373	36.222	191.4	24.151
100	25.485	25.463	36.362	181.8	24.229
110	24.209	24.186	36.125	133.6	24.438
120	24.677	24.651	36.890	164.6	24.877
130	23.964	23.936	37.368	139.8	25.454
140	23.133	23.104	37.421	119.7	25.741
150	22.969	22.938	37.496	117.7	25.846
160	22.580	22.547	37.528	108.7	25.984
170	22.278	22.244	37.435	104.0	26.000
180	21.103	21.068	37.119	85.6	26.089
190	21.601	21.563	37.402	94.4	26.167
200	21.392	21.353	37.502	86.6	26.302
250	20.322	20.275	37.414	77.2	26.531
300	20.872	20.814	37.769	82.0	26.655
350	22.948	22.875	39.253	97.7	27.200

Redsox-1 Station 049
Latitude: 12 20.92 N
Longitude: 043 38.51 E
Date: 21-02-2001
Time: 2348 GMT

Rsx1-049



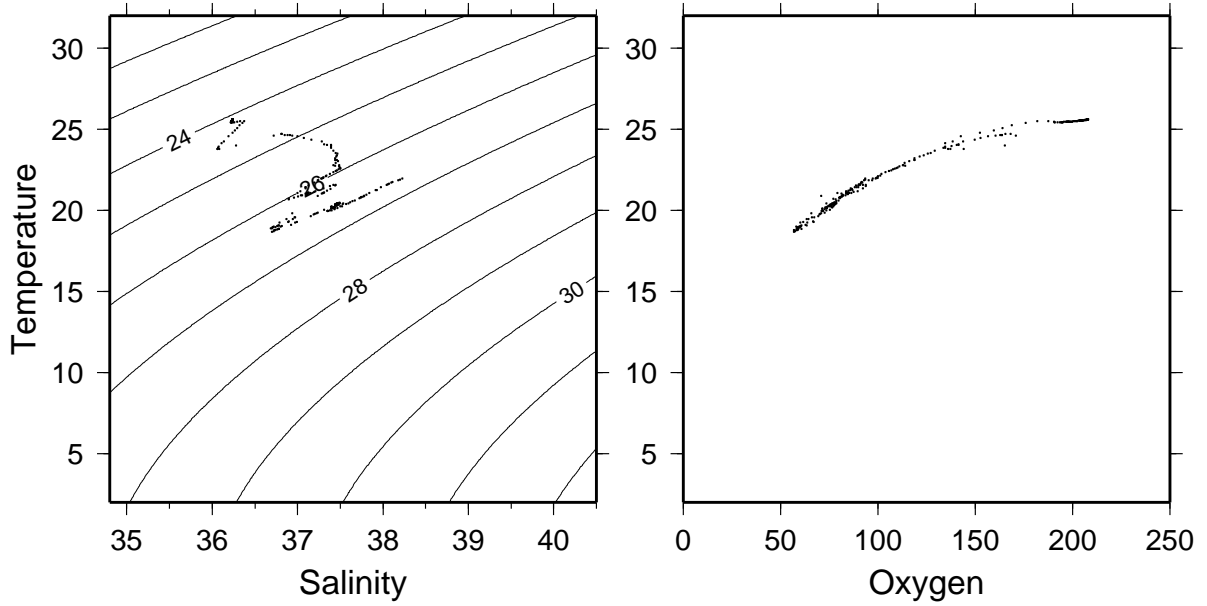
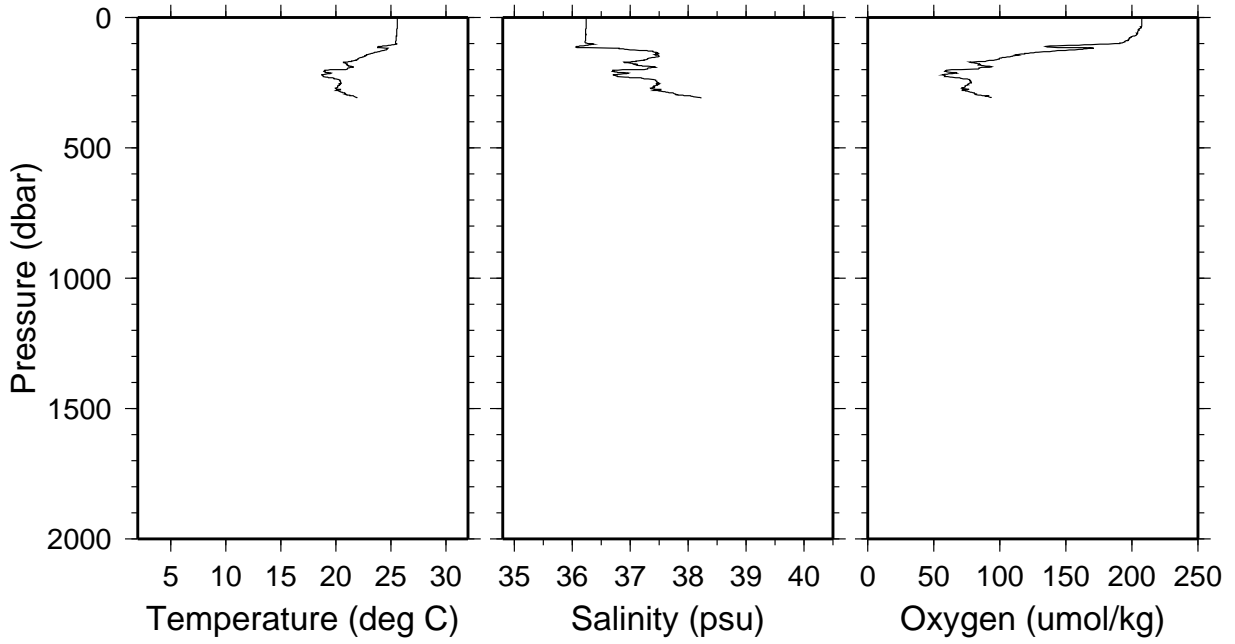
Redsox-1 **Station 050**
Latitude: 12° 21.44 N
Longitude: 043° 39.30 E
Date: 22-02-2001 0113 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.595	25.593	36.239	207.5	24.096
20	25.593	25.589	36.239	207.4	24.097
30	25.594	25.588	36.239	207.5	24.097
40	25.579	25.570	36.238	207.0	24.102
50	25.526	25.515	36.232	204.7	24.115
60	25.526	25.512	36.234	203.9	24.117
70	25.507	25.491	36.233	202.1	24.122
80	25.465	25.448	36.227	198.0	24.131
90	25.452	25.432	36.228	195.5	24.137
100	25.479	25.457	36.290	190.4	24.176
110	24.132	24.109	36.111	134.6	24.451
120	24.660	24.635	36.852	163.6	24.853
130	24.034	24.006	37.390	140.4	25.451
140	23.115	23.086	37.457	118.6	25.774
150	22.522	22.492	37.479	107.7	25.962
160	22.002	21.970	37.294	99.2	25.971
170	21.169	21.136	37.034	83.8	26.006
180	21.098	21.063	37.127	85.0	26.097
190	21.589	21.552	37.443	92.3	26.202
200	19.804	19.767	36.939	65.7	26.303
250	20.429	20.381	37.470	78.5	26.545
300	21.412	21.352	37.978	88.1	26.665

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
308.2	1	21.992	21.930	38.224	90.7
257.4	2	20.326	20.277	37.478	73.7
204.4	3	19.015	18.978	36.754	58.5
85.8	4	25.456	25.437	36.242	194.7
49.1	5	25.533	25.522	36.247	202.3
2.6	6	25.574	25.573	36.255	205.6

Redsox-1 Station 050
Latitude: 12 21.44 N
Longitude: 043 39.30 E
Date: 22-02-2001
Time: 0113 GMT

Rsx1-050

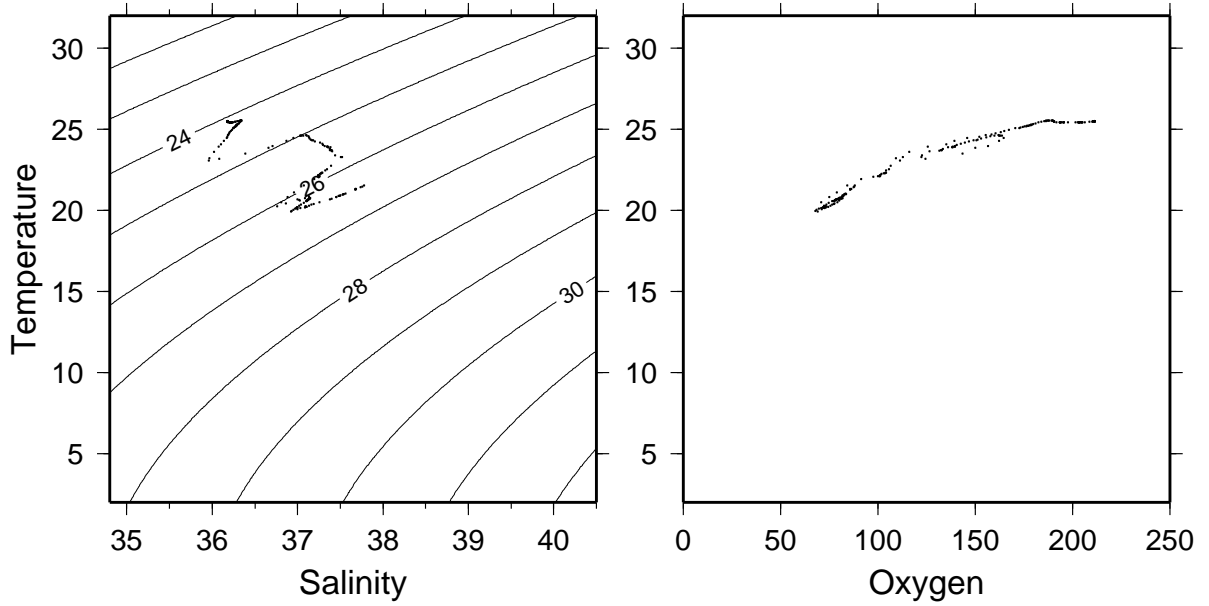
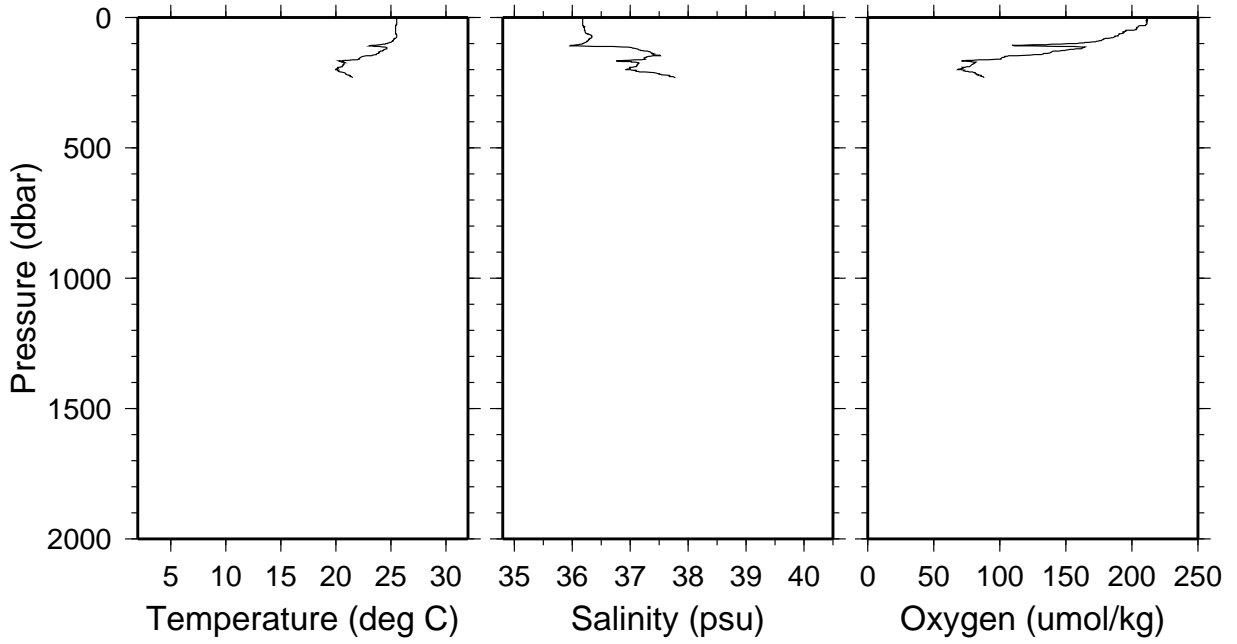


Redsox-1 **Station 051**
Latitude: 12° 18.56 N
Longitude: 043° 33.16 E
Date: 22-02-2001 0235 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.502	25.499	36.177	211.2	24.078
20	25.504	25.500	36.177	211.3	24.077
30	25.473	25.467	36.177	210.1	24.088
40	25.436	25.427	36.207	203.6	24.123
50	25.417	25.406	36.218	195.5	24.137
60	25.420	25.406	36.229	193.6	24.146
70	25.547	25.531	36.333	189.3	24.185
80	25.375	25.357	36.312	181.0	24.223
90	25.173	25.153	36.270	175.4	24.254
100	24.626	24.605	36.187	155.4	24.359
110	23.500	23.477	36.385	143.4	24.845
120	24.606	24.580	37.104	159.8	25.061
130	24.039	24.012	37.300	140.4	25.381
140	23.706	23.676	37.388	132.9	25.547
150	22.336	22.305	37.287	104.1	25.870
160	22.116	22.084	37.257	100.1	25.910
170	20.641	20.609	37.019	78.0	26.139
180	20.689	20.654	37.128	78.9	26.209
190	20.344	20.308	37.039	73.6	26.235
200	19.927	19.890	36.921	69.1	26.257

Redsox-1 Station 051
Latitude: 12 18.56 N
Longitude: 043 33.16 E
Date: 22-02-2001
Time: 0235 GMT

Rsx1-051

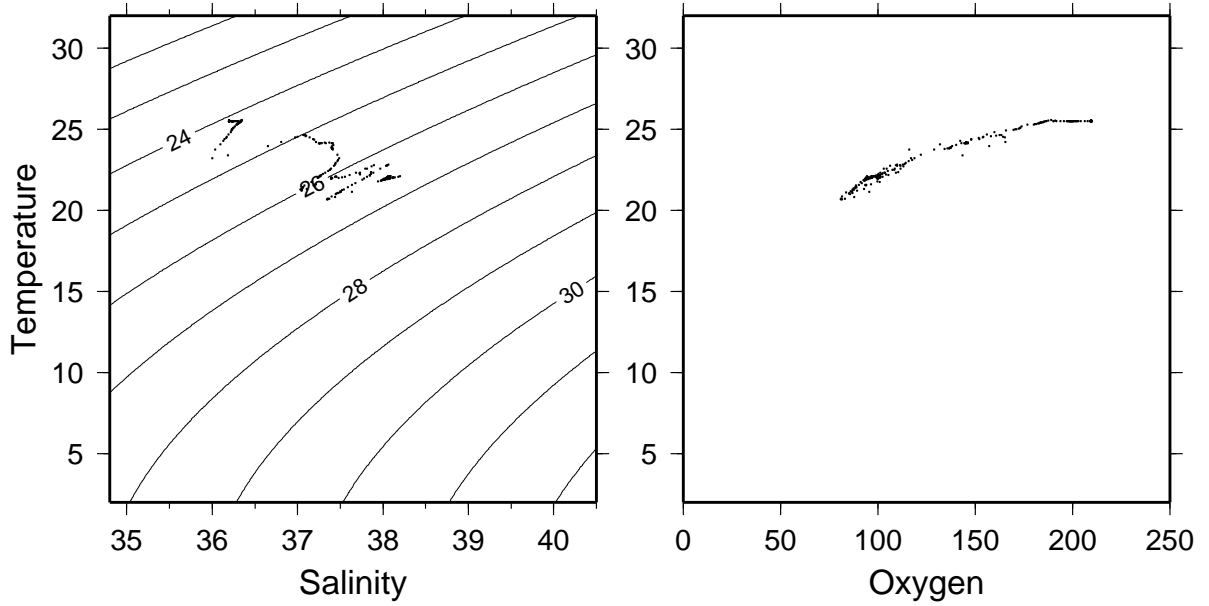
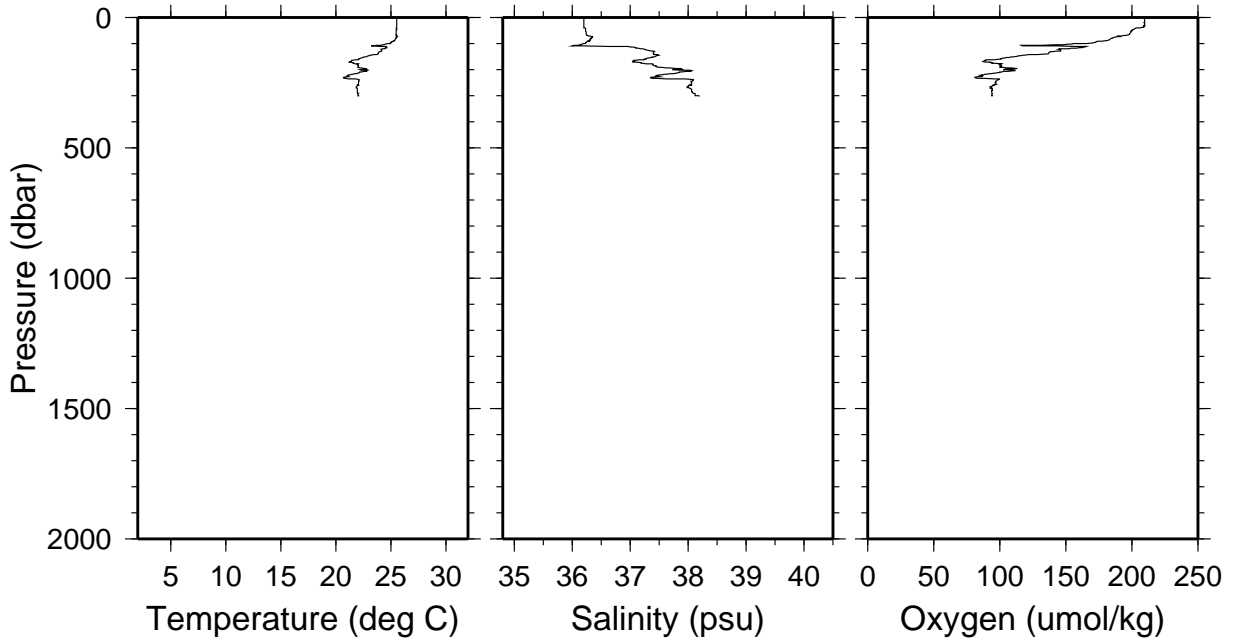


Redsox-1 **Station 052**
Latitude: 12° 19.25 N
Longitude: 043° 34.49 E
Date: 22-02-2001 0324 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.517	25.515	36.199	209.6	24.089
20	25.518	25.514	36.199	209.6	24.089
30	25.517	25.511	36.198	209.4	24.090
40	25.486	25.477	36.214	204.2	24.113
50	25.499	25.488	36.234	200.2	24.124
60	25.497	25.484	36.239	198.7	24.129
70	25.496	25.481	36.278	191.8	24.160
80	25.442	25.424	36.326	184.7	24.214
90	25.279	25.260	36.283	180.2	24.232
100	24.836	24.814	36.215	159.8	24.317
110	23.967	23.944	36.653	157.1	24.910
120	24.364	24.338	37.193	147.8	25.201
130	24.130	24.103	37.414	142.8	25.440
140	23.813	23.783	37.405	135.8	25.528
150	22.760	22.730	37.424	109.9	25.852
160	22.091	22.059	37.257	99.9	25.917
170	21.262	21.229	37.052	87.2	25.994
180	21.982	21.946	37.390	99.9	26.050
190	22.012	21.974	37.483	100.0	26.113
200	22.294	22.254	37.725	102.4	26.218
250	22.049	21.999	38.055	96.7	26.542
300	22.032	21.972	38.140	94.2	26.614

Redsox-1 Station 052
Latitude: 12 19.25 N
Longitude: 043 34.49 E
Date: 22-02-2001
Time: 0324 GMT

Rsx1-052

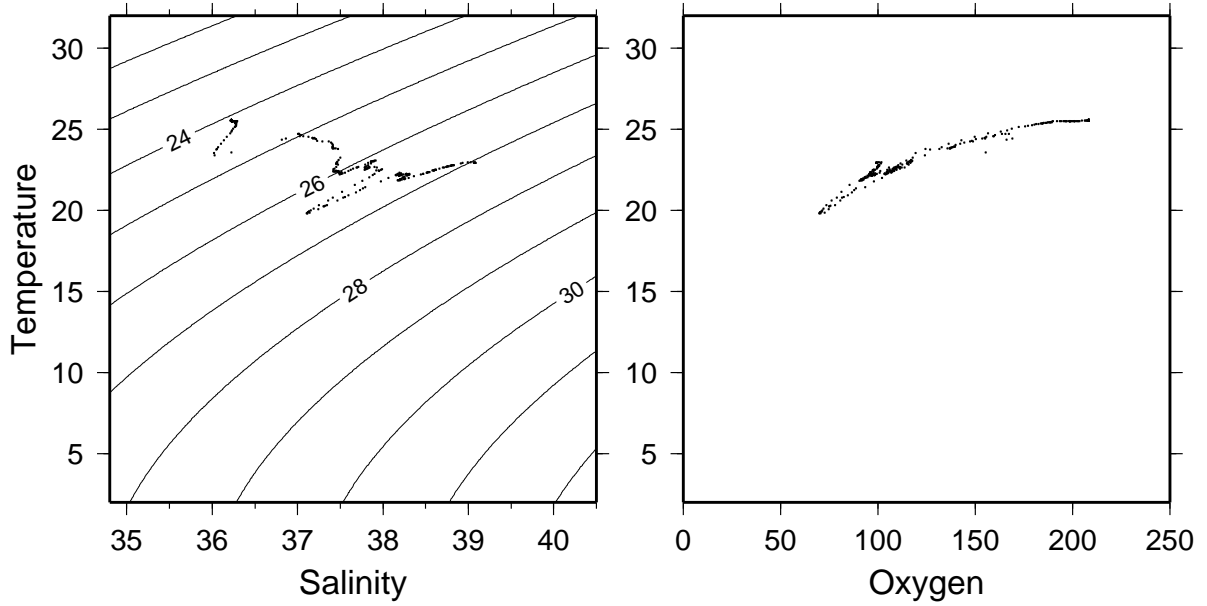
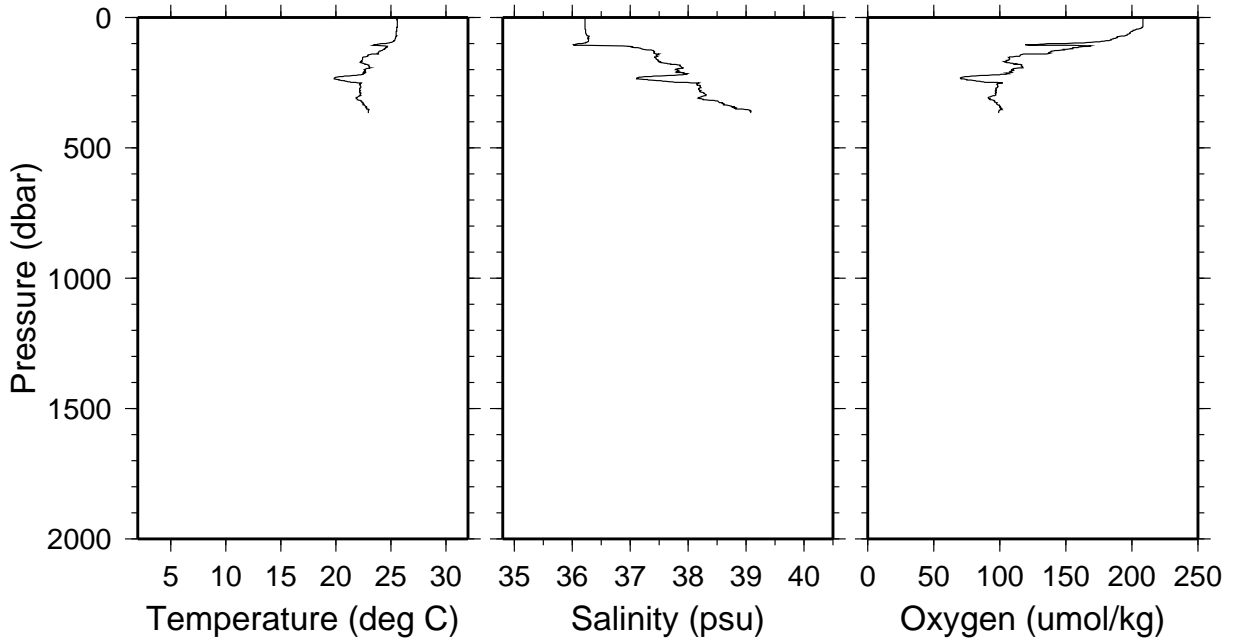


Redsox-1 **Station 053**
Latitude: 12° 19.70 N
Longitude: 043° 35.76 E
Date: 22-02-2001 0420 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.556	25.554	36.224	208.4	24.097
20	25.557	25.553	36.225	208.4	24.097
30	25.559	25.552	36.224	208.3	24.097
40	25.545	25.536	36.221	207.6	24.100
50	25.502	25.491	36.232	201.0	24.122
60	25.489	25.476	36.234	198.6	24.128
70	25.497	25.482	36.266	194.1	24.150
80	25.412	25.395	36.273	187.3	24.183
90	25.283	25.263	36.280	180.3	24.229
100	24.325	24.303	36.138	142.9	24.413
110	24.715	24.691	37.006	167.2	24.952
120	24.448	24.422	37.197	154.9	25.179
130	23.930	23.902	37.412	139.2	25.498
140	23.776	23.746	37.475	124.5	25.592
150	22.695	22.664	37.453	109.8	25.893
160	22.412	22.380	37.452	107.3	25.974
170	22.237	22.203	37.495	103.2	26.057
180	22.643	22.606	37.698	113.7	26.096
190	23.034	22.995	37.885	117.1	26.125
200	22.614	22.573	37.793	108.6	26.178
250	21.795	21.745	37.977	97.9	26.554
300	22.179	22.118	38.288	95.5	26.685
350	22.787	22.714	38.815	100.7	26.914

Redsox-1 Station 053
Latitude: 12 19.70 N
Longitude: 043 35.76 E
Date: 22-02-2001
Time: 0420 GMT

Rsx1-053

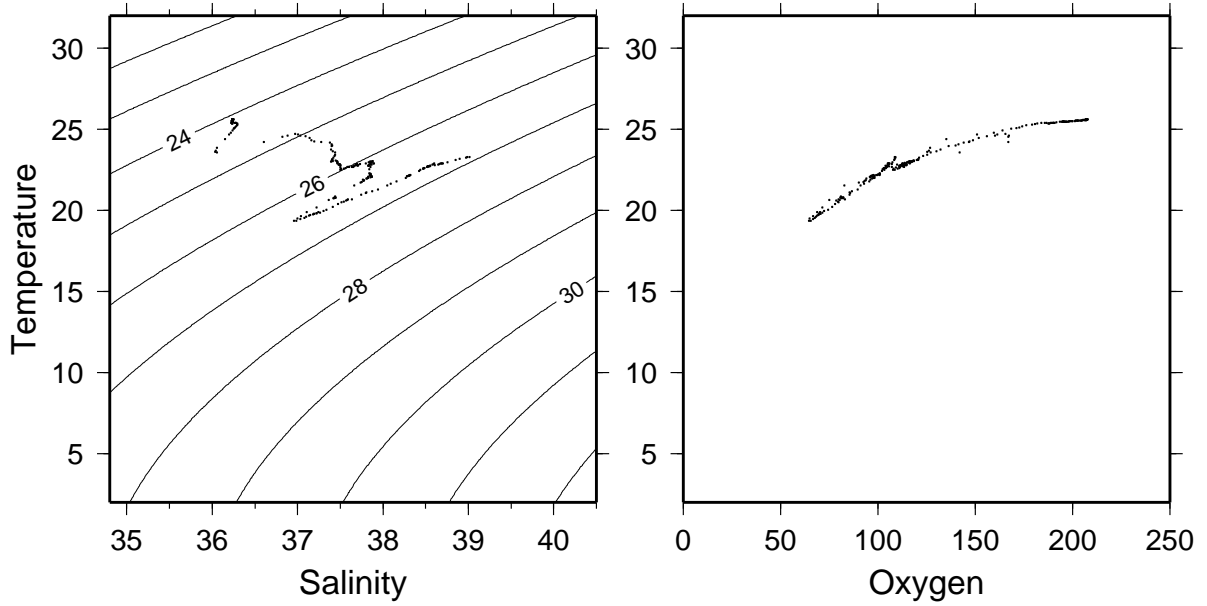
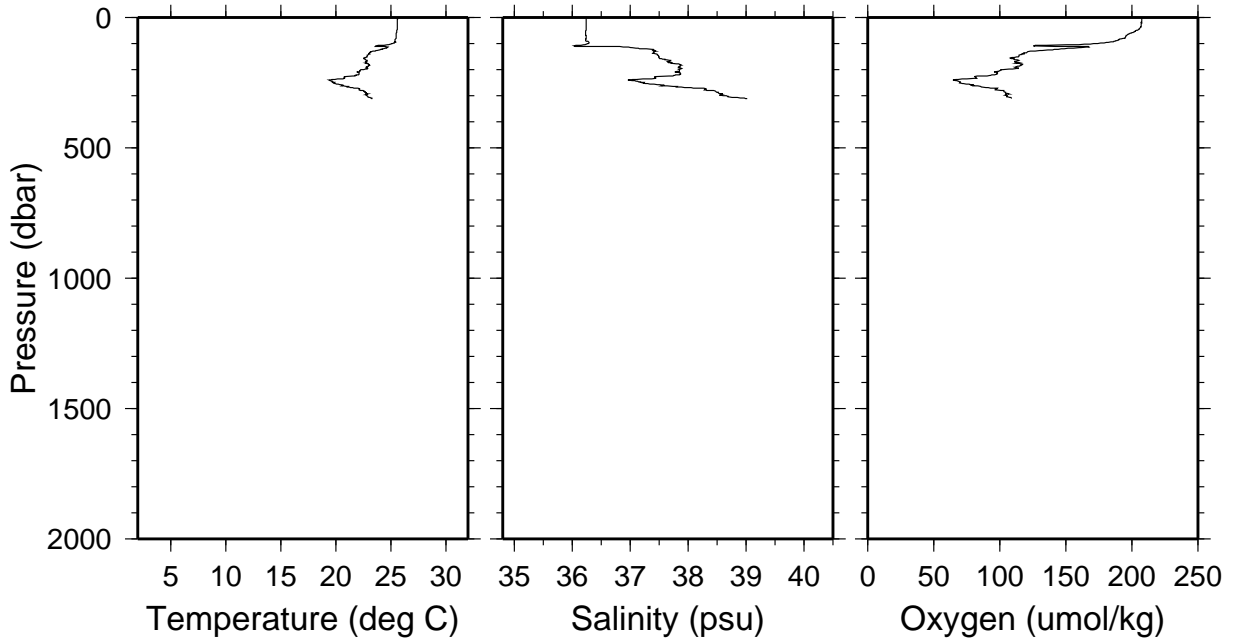


Redsox-1 **Station 054**
Latitude: 12° 20.47 N
Longitude: 043° 37.41 E
Date: 22-02-2001 0540 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.597	25.594	36.242	207.5	24.097
20	25.591	25.587	36.241	207.3	24.099
30	25.587	25.580	36.241	207.0	24.101
40	25.575	25.566	36.239	206.3	24.104
50	25.544	25.533	36.235	203.5	24.111
60	25.495	25.482	36.232	199.0	24.125
70	25.467	25.451	36.236	195.6	24.137
80	25.462	25.445	36.239	194.4	24.142
90	25.361	25.341	36.229	187.8	24.165
100	25.111	25.089	36.266	172.6	24.271
110	23.586	23.563	36.054	142.0	24.569
120	24.261	24.235	37.194	147.0	25.233
130	23.346	23.319	37.435	123.1	25.688
140	23.032	23.004	37.459	117.7	25.799
150	22.823	22.792	37.495	114.1	25.888
160	22.662	22.629	37.582	111.3	26.001
170	22.680	22.645	37.644	111.2	26.044
180	23.001	22.963	37.852	116.9	26.110
190	22.800	22.761	37.837	112.1	26.157
200	22.269	22.229	37.837	100.8	26.310
250	19.890	19.844	37.244	70.3	26.516
300	22.837	22.775	38.647	105.2	26.768

Redsox-1 Station 054
Latitude: 12 20.47 N
Longitude: 043 37.41 E
Date: 22-02-2001
Time: 0540 GMT

Rsx1-054



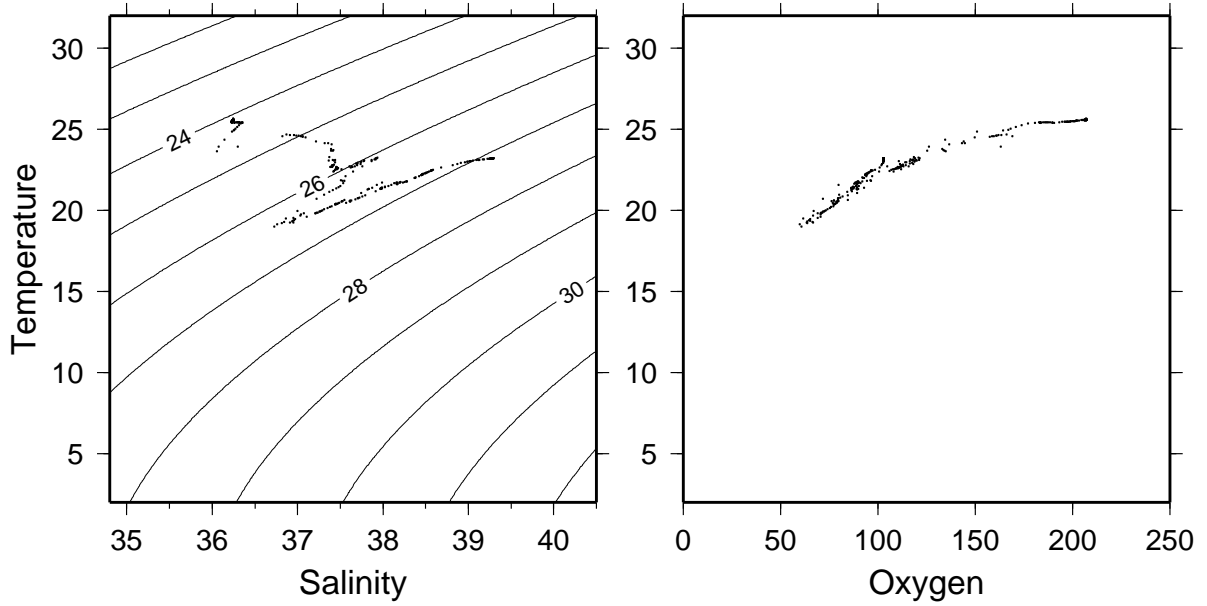
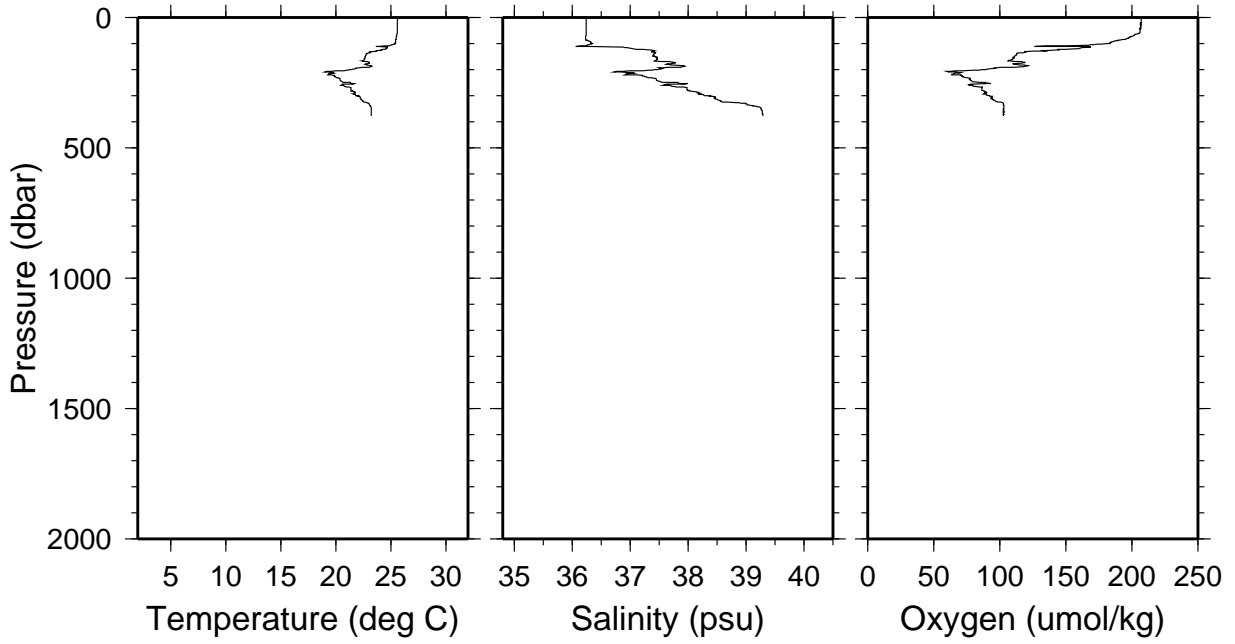
Redsox-1 **Station 055**
Latitude: 12° 21.05 N
Longitude: 043° 38.55 E
Date: 22-02-2001 0636 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.592	25.590	36.243	207.0	24.099
20	25.582	25.578	36.243	206.9	24.103
30	25.582	25.575	36.242	206.8	24.103
40	25.579	25.570	36.243	206.4	24.105
50	25.577	25.566	36.242	206.1	24.106
60	25.569	25.556	36.241	205.7	24.108
70	25.507	25.491	36.234	200.8	24.123
80	25.462	25.444	36.227	197.0	24.133
90	25.416	25.396	36.283	187.5	24.190
100	25.425	25.403	36.354	182.7	24.241
110	23.916	23.893	36.074	126.3	24.486
120	24.555	24.530	37.062	158.6	25.044
130	23.662	23.635	37.415	125.4	25.580
140	22.745	22.716	37.406	112.5	25.842
150	22.661	22.630	37.452	111.2	25.902
160	22.591	22.559	37.466	109.5	25.934
170	22.876	22.841	37.685	116.4	26.018
180	22.670	22.633	37.643	111.7	26.046
190	23.042	23.003	37.870	110.9	26.111
200	21.358	21.319	37.452	87.6	26.274
250	21.293	21.244	37.821	89.2	26.575
300	22.003	21.943	38.377	92.3	26.802
350	23.199	23.125	39.262	102.8	27.133

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
377.7	1	23.229	23.150	39.293	110.1
157.3	2	22.571	22.539	37.449	115.7
48.5	3	25.576	25.565	36.250	213.7
1.8	4	25.692	25.692	36.254	216.8

Redsox-1 Station 055
Latitude: 12 21.05 N
Longitude: 043 38.55 E
Date: 22-02-2001
Time: 0636 GMT

Rsx1-055

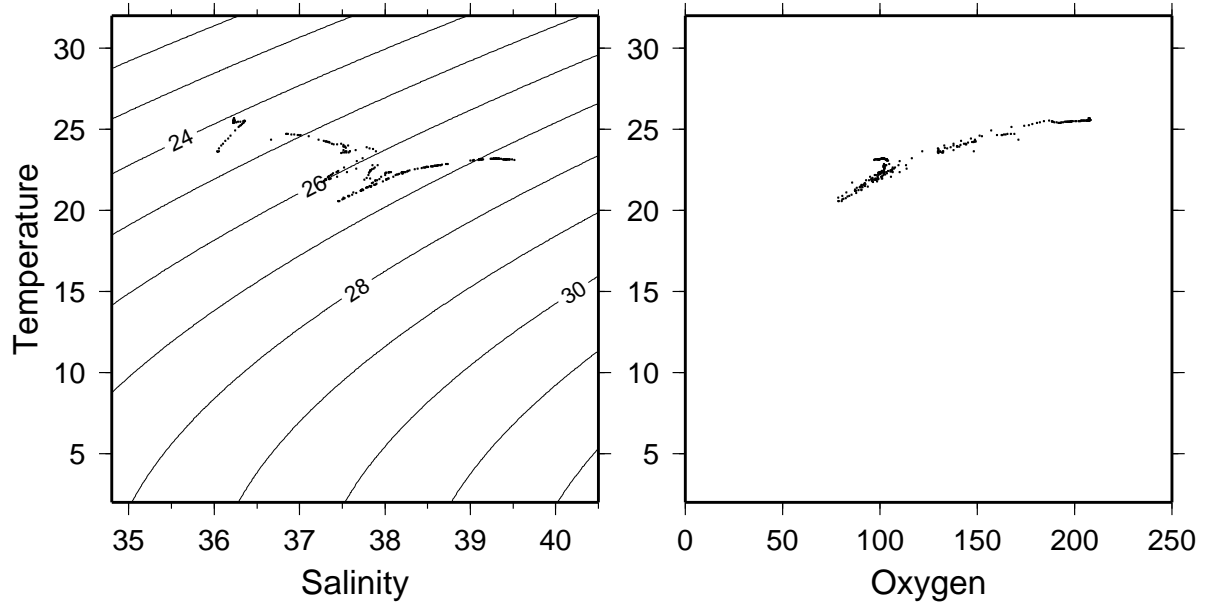
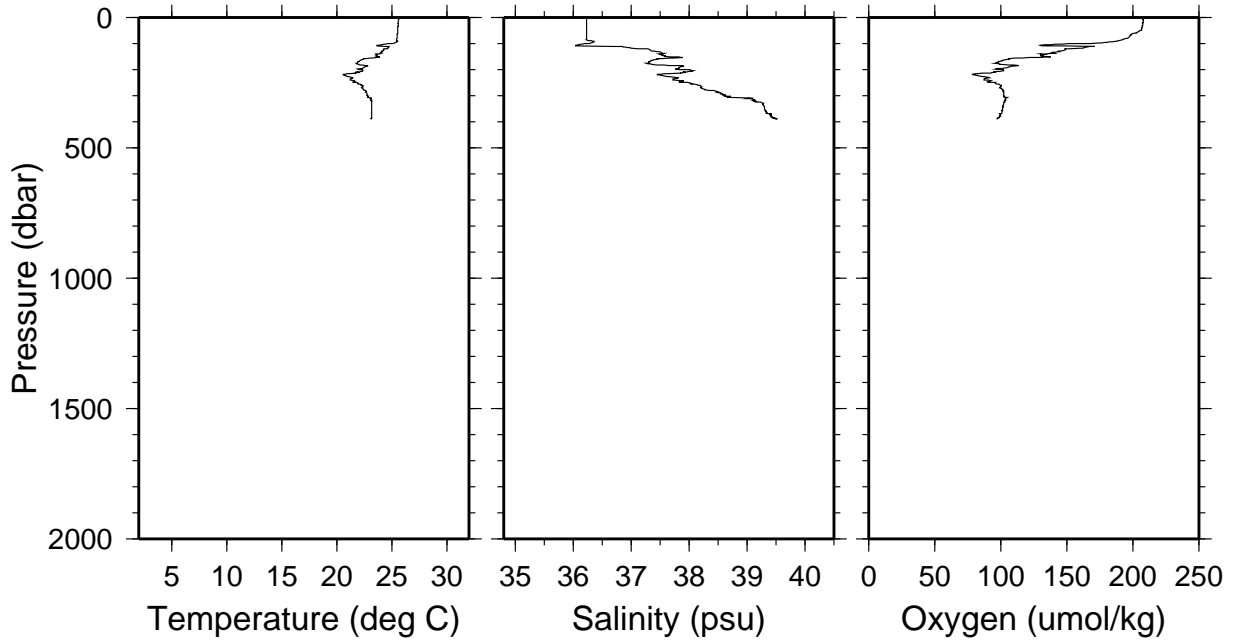


Redsox-1 **Station 056**
Latitude: 12° 23.06 N
Longitude: 043° 37.09 E
Date: 22-02-2001 0742 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.577	25.575	36.230	207.9	24.094
20	25.554	25.549	36.230	207.7	24.102
30	25.555	25.549	36.232	207.5	24.104
40	25.549	25.540	36.230	206.8	24.105
50	25.544	25.533	36.230	205.8	24.107
60	25.512	25.499	36.231	202.1	24.118
70	25.478	25.462	36.232	197.9	24.131
80	25.458	25.440	36.233	195.5	24.138
90	25.478	25.458	36.306	188.5	24.188
100	24.945	24.924	36.248	157.1	24.308
110	24.375	24.351	36.665	171.1	24.793
120	24.365	24.340	37.220	148.9	25.221
130	24.072	24.044	37.400	143.9	25.446
140	23.697	23.667	37.516	130.1	25.647
150	23.703	23.671	37.656	137.8	25.752
160	22.364	22.332	37.430	106.5	25.971
170	21.907	21.873	37.306	98.2	26.007
180	21.945	21.909	37.354	99.1	26.034
190	22.471	22.432	37.834	105.8	26.249
200	22.303	22.263	38.002	102.1	26.426
250	21.787	21.737	37.973	96.2	26.553
300	22.764	22.703	38.609	101.9	26.761
350	23.170	23.097	39.300	101.4	27.171

Redsox-1 Station 056
Latitude: 12 23.06 N
Longitude: 043 37.09 E
Date: 22-02-2001
Time: 0742 GMT

Rsx1-056



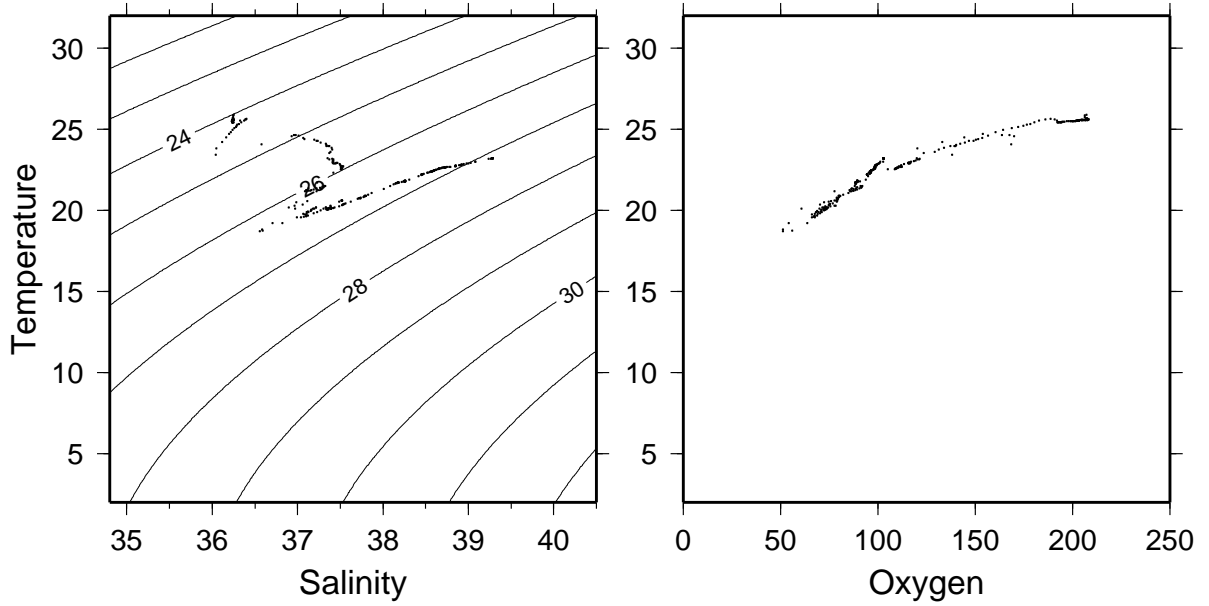
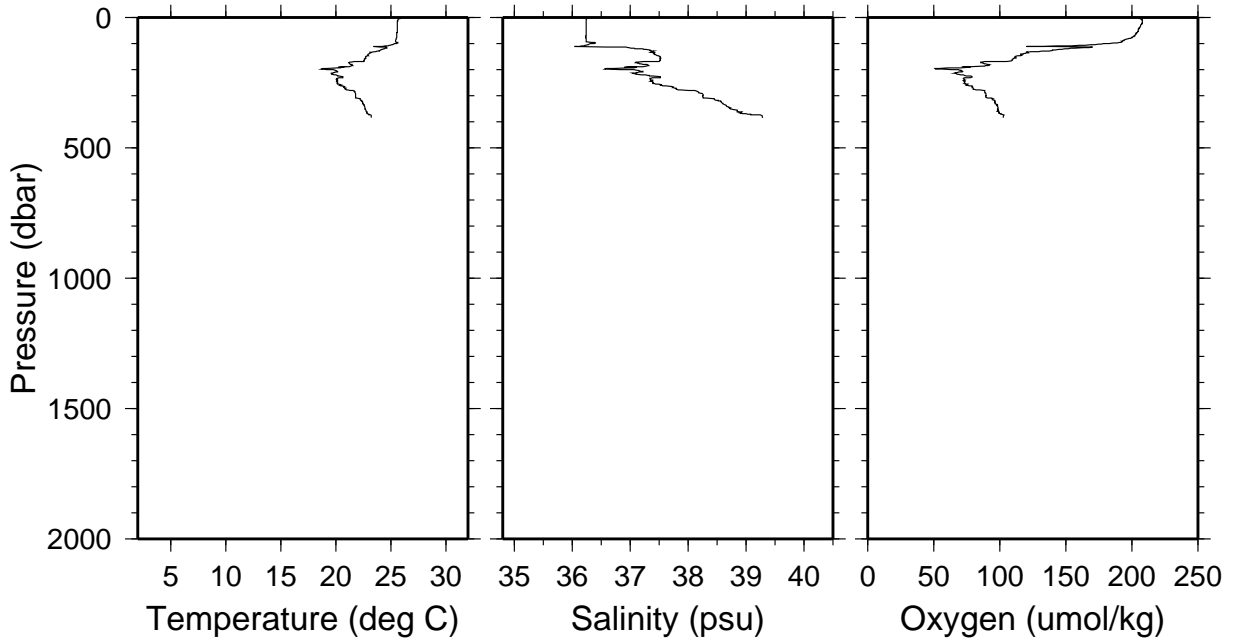
Redsox-1 **Station 057**
Latitude: 12° 18.81 N
Longitude: 043° 39.29 E
Date: 22-02-2001 0915 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.624	25.622	36.243	207.8	24.089
20	25.590	25.586	36.244	207.8	24.101
30	25.580	25.573	36.244	206.4	24.105
40	25.574	25.566	36.243	205.4	24.107
50	25.563	25.552	36.242	204.7	24.110
60	25.539	25.526	36.239	203.2	24.116
70	25.524	25.508	36.236	202.0	24.119
80	25.497	25.479	36.236	198.7	24.128
90	25.437	25.417	36.235	193.1	24.147
100	25.437	25.415	36.342	180.3	24.229
110	24.205	24.181	36.119	133.2	24.435
120	24.344	24.319	37.193	150.3	25.207
130	23.739	23.712	37.405	131.4	25.549
140	22.949	22.920	37.409	115.9	25.785
150	22.701	22.670	37.512	111.6	25.936
160	22.597	22.564	37.515	109.7	25.969
170	21.708	21.674	37.226	88.5	26.002
180	21.409	21.374	37.265	91.3	26.116
190	20.188	20.153	36.899	73.3	26.170
200	19.589	19.552	36.990	67.5	26.399
250	20.125	20.078	37.392	73.4	26.567
300	21.796	21.736	38.257	89.2	26.770
350	22.656	22.583	38.725	98.5	26.884

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
384.5	1	23.224	23.143	39.289	107.0
303.1	2	21.607	21.547	38.228	92.0
239.4	3	20.096	20.051	37.363	79.1
215.9	4	19.639	19.599	37.198	75.6
152.4	5	22.851	22.820	37.523	119.2
100.6	6	25.143	25.121	36.274	182.9
50.1	7	25.559	25.548	36.248	209.2
2.2	8	26.042	26.042	36.262	211.1

Redsox-1 Station 057
Latitude: 12 18.81 N
Longitude: 043 39.29 E
Date: 22-02-2001
Time: 0915 GMT

Rsx1-057



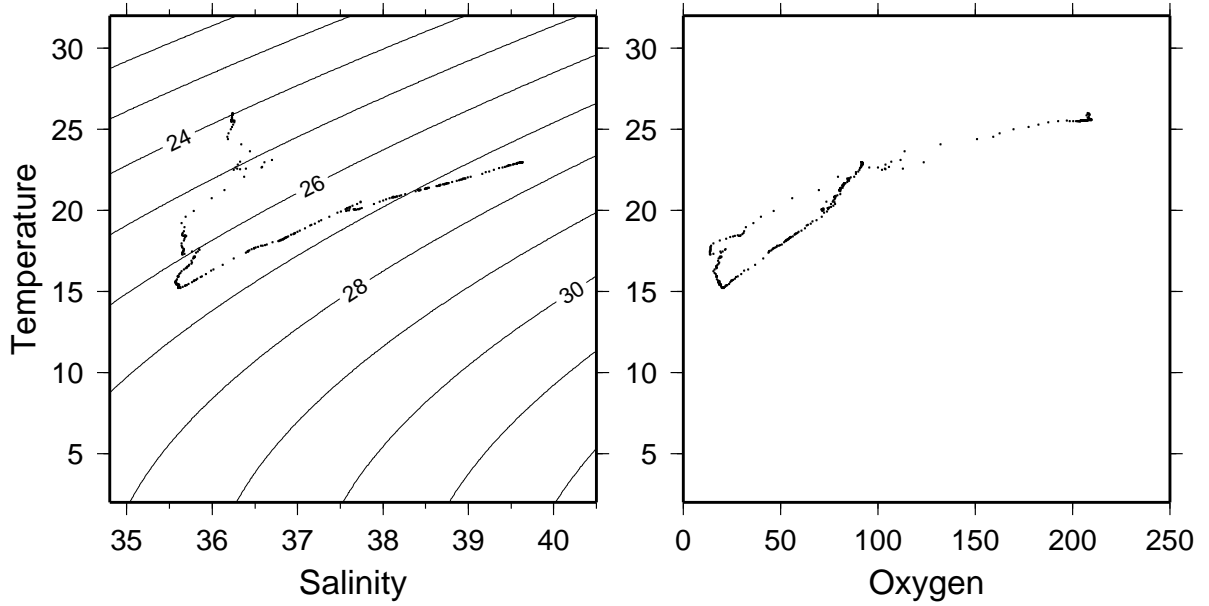
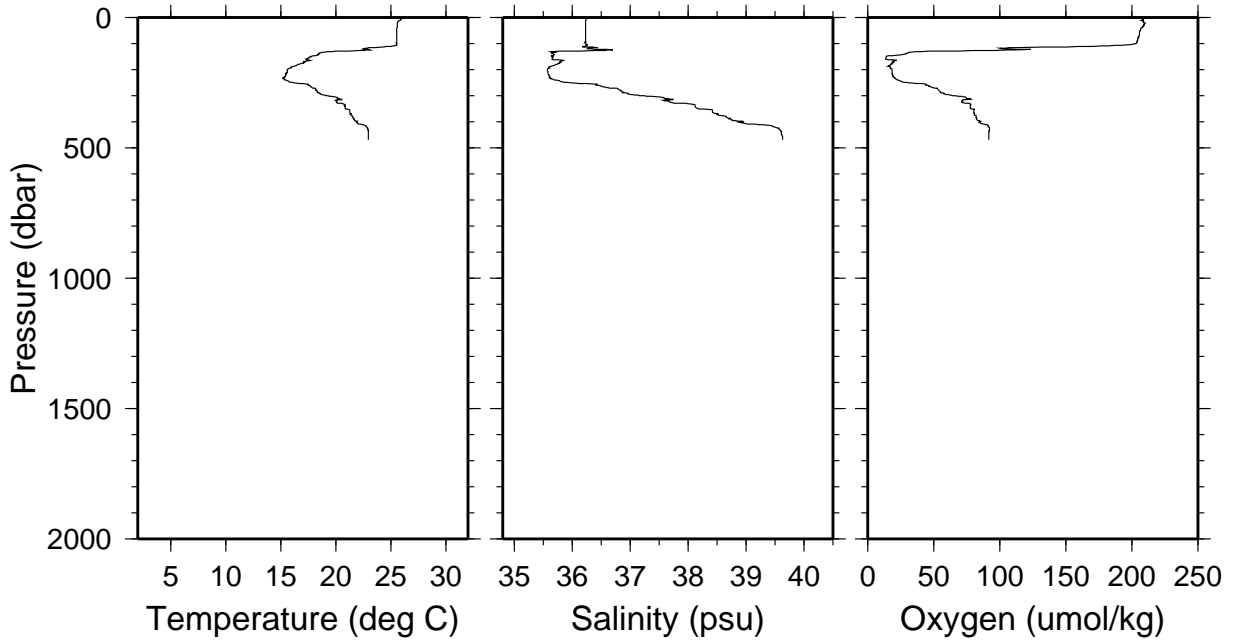
Redsox-1 **Station 058**
Latitude: 12° 23.69 N
Longitude: 043° 50.08 E
Date: 22-02-2001 1228 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.911	25.909	36.237	207.8	23.996
20	25.601	25.597	36.229	209.4	24.086
30	25.567	25.561	36.230	209.1	24.099
40	25.551	25.542	36.230	207.3	24.104
50	25.543	25.532	36.229	206.2	24.107
60	25.535	25.522	36.228	205.7	24.109
70	25.533	25.517	36.227	205.4	24.110
80	25.531	25.514	36.229	204.7	24.112
90	25.522	25.503	36.228	204.1	24.115
100	25.501	25.479	36.226	202.8	24.121
110	25.002	24.978	36.216	169.8	24.267
120	22.567	22.543	36.293	103.7	25.047
130	19.953	19.929	35.783	46.4	25.378
140	18.439	18.415	35.669	28.6	25.681
150	17.724	17.698	35.651	14.0	25.845
160	17.288	17.262	35.650	13.7	25.951
170	17.131	17.102	35.794	19.4	26.100
180	16.584	16.555	35.722	17.0	26.174
190	15.927	15.896	35.596	17.2	26.230
200	15.572	15.541	35.572	18.2	26.293
250	16.058	16.018	35.923	29.7	26.454
300	19.194	19.139	37.203	65.5	26.670
350	20.902	20.834	38.191	78.4	26.971
400	21.889	21.808	38.905	85.0	27.243
450	22.953	22.859	39.616	91.7	27.481

Press (dbar)	Bottle	Bottle Data			
		Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
468.8	1	22.967	22.869	39.628	97.1
216.4	2	15.415	15.381	35.588	24.7
100.1	3	25.518	25.496	36.246	205.2
50.5	4	25.537	25.526	36.238	209.4
2.0	5	26.007	26.007	36.252	214.1

Redsox-1 Station 058
Latitude: 12 23.69 N
Longitude: 043 50.08 E
Date: 22-02-2001
Time: 1228 GMT

Rsx1-058

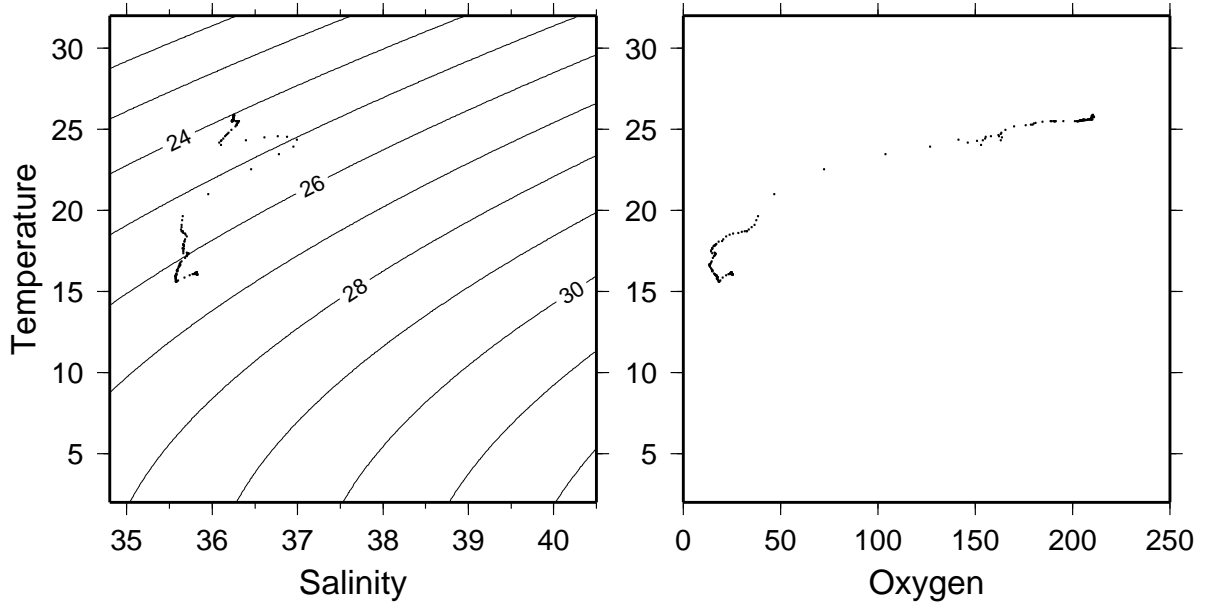
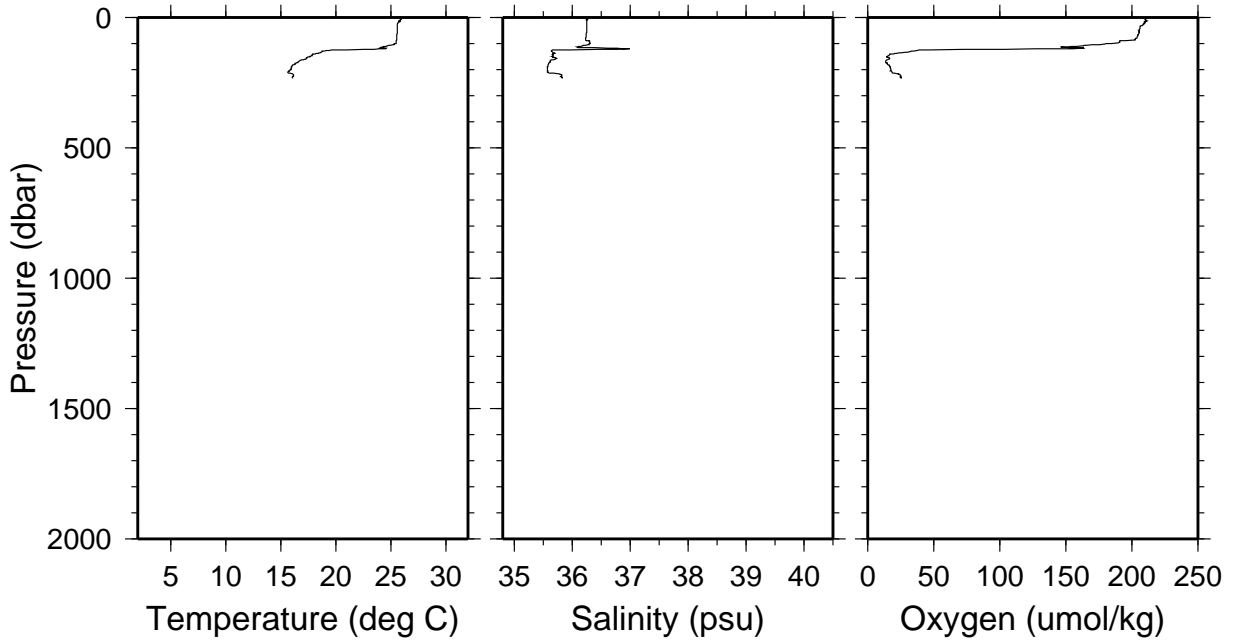


Redsox-1 **Station 059**
Latitude: 12° 19.02 N
Longitude: 043° 48.89 E
Date: 22-02-2001 1541 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.869	25.867	36.255	210.2	24.022
20	25.622	25.617	36.247	210.0	24.094
30	25.591	25.584	36.248	207.9	24.105
40	25.582	25.573	36.248	206.2	24.108
50	25.573	25.562	36.247	205.5	24.111
60	25.560	25.547	36.244	205.3	24.113
70	25.540	25.525	36.239	204.4	24.117
80	25.518	25.500	36.232	203.2	24.119
90	25.491	25.471	36.289	190.7	24.171
100	25.387	25.365	36.297	181.1	24.209
110	24.556	24.532	36.152	158.1	24.354
120	24.350	24.324	36.994	141.5	25.055
130	18.730	18.707	35.643	32.8	25.588
140	18.063	18.039	35.675	18.2	25.780
150	17.653	17.628	35.671	14.8	25.878
160	17.202	17.176	35.705	16.2	26.013
170	16.613	16.585	35.624	13.5	26.092
180	16.267	16.238	35.591	14.9	26.147
190	15.957	15.927	35.574	17.1	26.206
200	15.884	15.852	35.573	17.5	26.222

Redsox-1 Station 059
Latitude: 12 19.02 N
Longitude: 043 48.89 E
Date: 22-02-2001
Time: 1541 GMT

Rsx1-059

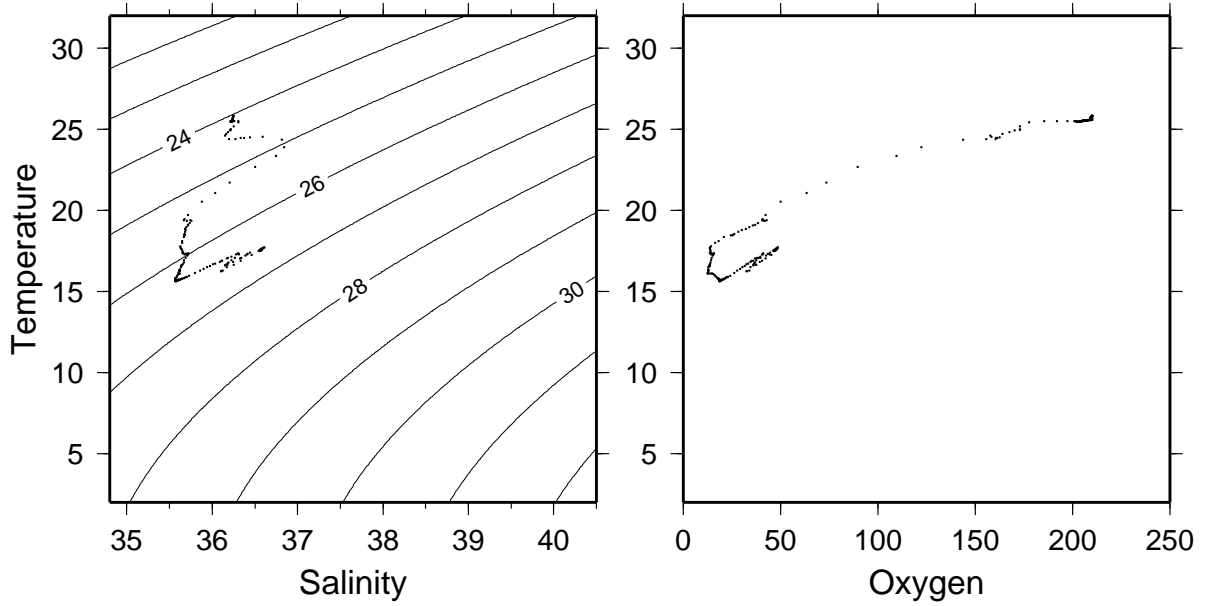
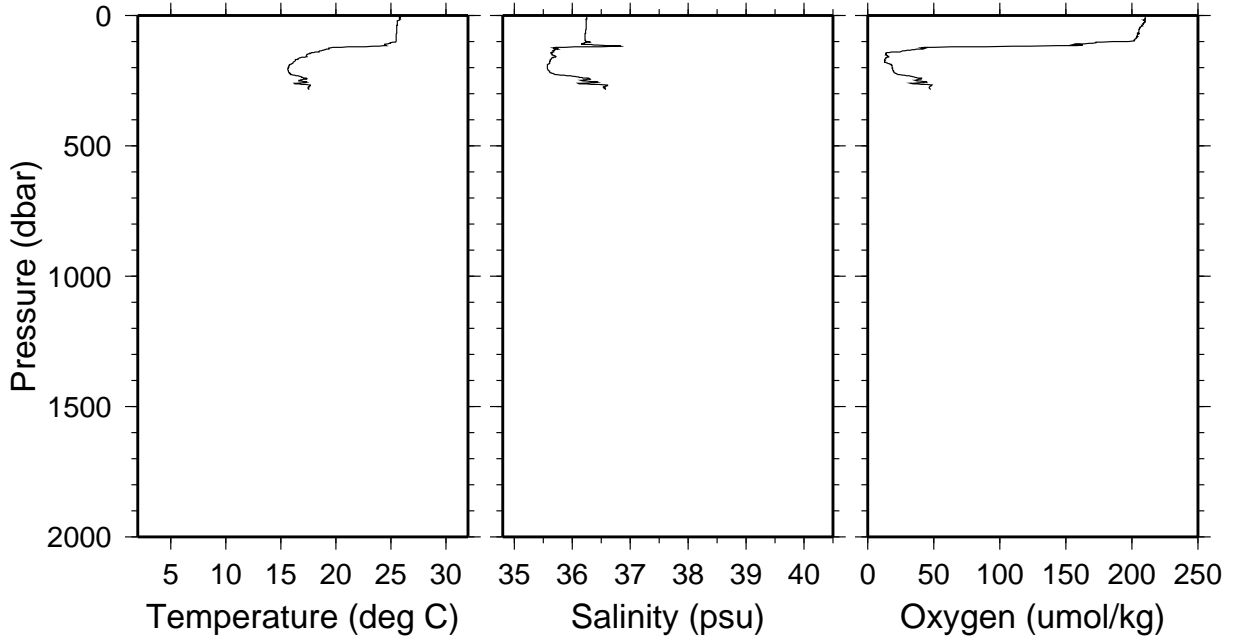


Redsox-1 **Station 060**
Latitude: 12° 21.03 N
Longitude: 043° 49.37 E
Date: 22-02-2001 1639 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.813	25.810	36.247	209.9	24.033
20	25.607	25.602	36.239	209.9	24.093
30	25.568	25.561	36.240	208.5	24.106
40	25.552	25.543	36.238	207.7	24.110
50	25.540	25.529	36.237	205.7	24.114
60	25.527	25.513	36.232	205.4	24.115
70	25.492	25.477	36.223	204.6	24.119
80	25.487	25.470	36.222	204.1	24.121
90	25.481	25.461	36.221	202.7	24.123
100	25.497	25.475	36.256	192.1	24.145
110	24.385	24.362	36.196	155.5	24.439
120	21.723	21.699	36.203	73.4	25.216
130	19.098	19.074	35.718	37.0	25.551
140	18.348	18.324	35.667	20.7	25.702
150	17.384	17.359	35.653	13.8	25.929
160	17.073	17.046	35.692	14.7	26.034
170	16.324	16.297	35.619	12.9	26.155
180	16.115	16.086	35.612	12.7	26.199
190	15.770	15.740	35.567	18.0	26.244
200	15.691	15.660	35.570	18.6	26.264
250	16.608	16.567	36.151	36.0	26.501

Redsox-1 Station 060
Latitude: 12 21.03 N
Longitude: 043 49.37 E
Date: 22-02-2001
Time: 1639 GMT

Rsx1-060

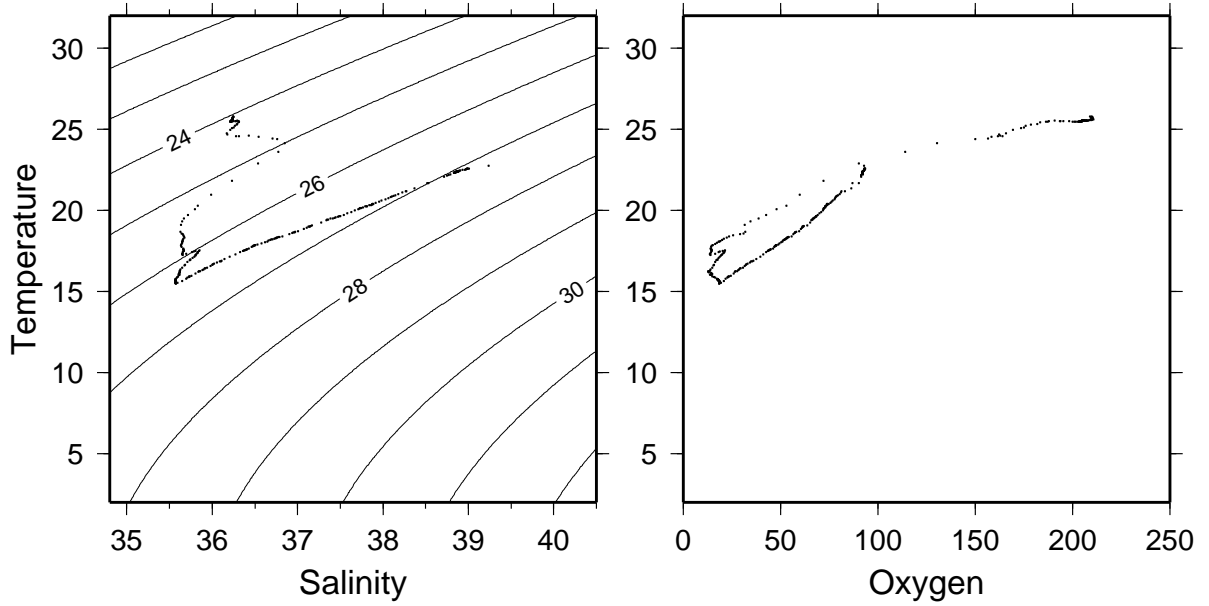
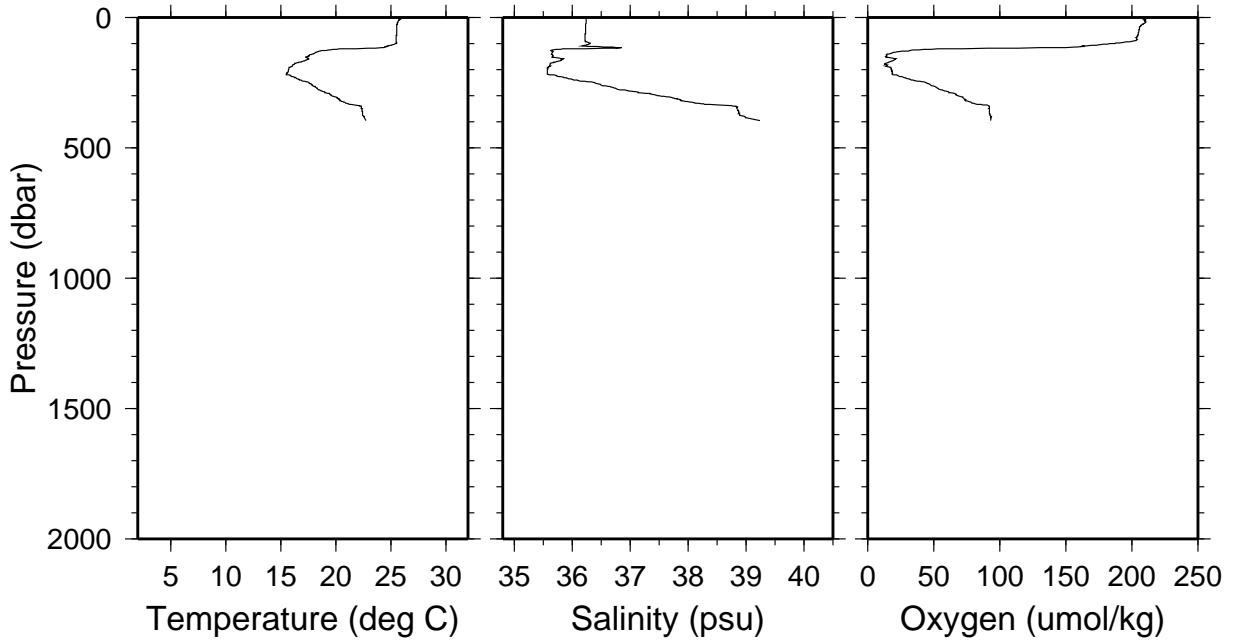


Redsox-1 **Station 061**
Latitude: 12° 22.48 N
Longitude: 043° 49.67 E
Date: 22-02-2001 1800 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.770	25.768	36.243	209.0	24.044
20	25.601	25.597	36.236	209.9	24.092
30	25.546	25.540	36.234	207.1	24.108
40	25.535	25.526	36.232	205.6	24.111
50	25.528	25.517	36.229	205.1	24.111
60	25.517	25.504	36.226	204.9	24.113
70	25.496	25.480	36.220	204.3	24.116
80	25.478	25.461	36.218	203.4	24.120
90	25.476	25.456	36.221	201.6	24.124
100	25.458	25.436	36.312	186.4	24.199
110	24.584	24.560	36.276	161.6	24.440
120	20.953	20.930	35.989	59.8	25.266
130	18.469	18.447	35.663	25.7	25.669
140	17.869	17.846	35.638	15.3	25.799
150	17.356	17.330	35.652	14.0	25.936
160	17.433	17.406	35.833	21.0	26.056
170	16.911	16.883	35.734	17.0	26.106
180	16.183	16.154	35.621	13.2	26.190
190	15.860	15.830	35.587	16.5	26.238
200	15.696	15.664	35.573	18.1	26.265
250	17.536	17.493	36.378	43.9	26.453
300	19.655	19.600	37.486	68.1	26.765
350	22.354	22.282	38.849	92.1	27.065

Redsox-1 Station 061
Latitude: 12 22.48 N
Longitude: 043 49.67 E
Date: 22-02-2001
Time: 1800 GMT

Rsx1-061

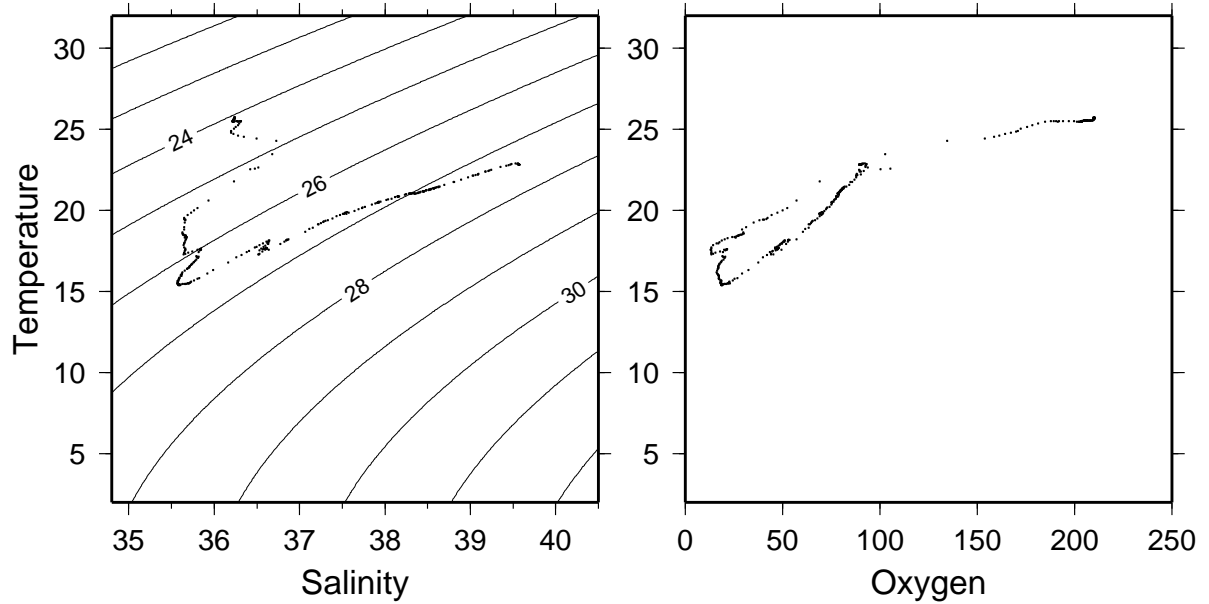
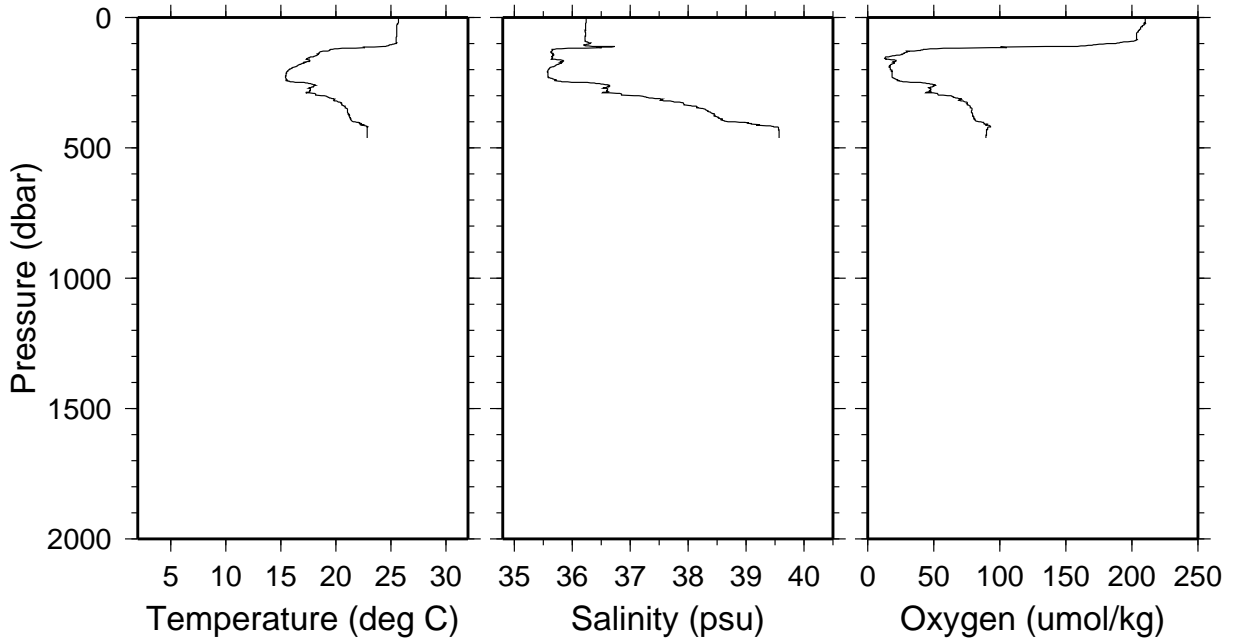


Redsox-1 **Station 062**
Latitude: 12° 23.52 N
Longitude: 043° 49.98 E
Date: 22-02-2001 1908 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.702	25.699	36.239	210.1	24.062
20	25.686	25.681	36.237	210.2	24.066
30	25.545	25.538	36.227	208.5	24.103
40	25.531	25.522	36.226	206.6	24.107
50	25.525	25.514	36.225	205.5	24.109
60	25.515	25.502	36.228	203.7	24.115
70	25.507	25.492	36.225	203.6	24.116
80	25.492	25.474	36.220	203.6	24.118
90	25.472	25.452	36.220	202.2	24.124
100	25.451	25.429	36.306	184.9	24.197
110	24.535	24.511	36.346	158.6	24.507
120	20.009	19.987	35.765	50.1	25.349
130	18.831	18.808	35.649	29.2	25.567
140	18.404	18.380	35.664	26.2	25.686
150	17.960	17.935	35.650	15.9	25.786
160	17.313	17.286	35.663	14.4	25.955
170	17.436	17.407	35.815	19.4	26.042
180	16.706	16.677	35.740	17.6	26.159
190	16.165	16.135	35.631	16.2	26.202
200	15.777	15.745	35.589	17.4	26.259
250	17.101	17.059	36.262	40.0	26.469
300	18.856	18.802	37.112	61.5	26.688
350	21.028	20.959	38.282	78.9	27.006
400	21.747	21.666	38.804	84.8	27.206
450	22.832	22.739	39.569	89.8	27.481

Redsox-1 Station 062
Latitude: 12 23.52 N
Longitude: 043 49.98 E
Date: 22-02-2001
Time: 1908 GMT

Rsx1-062



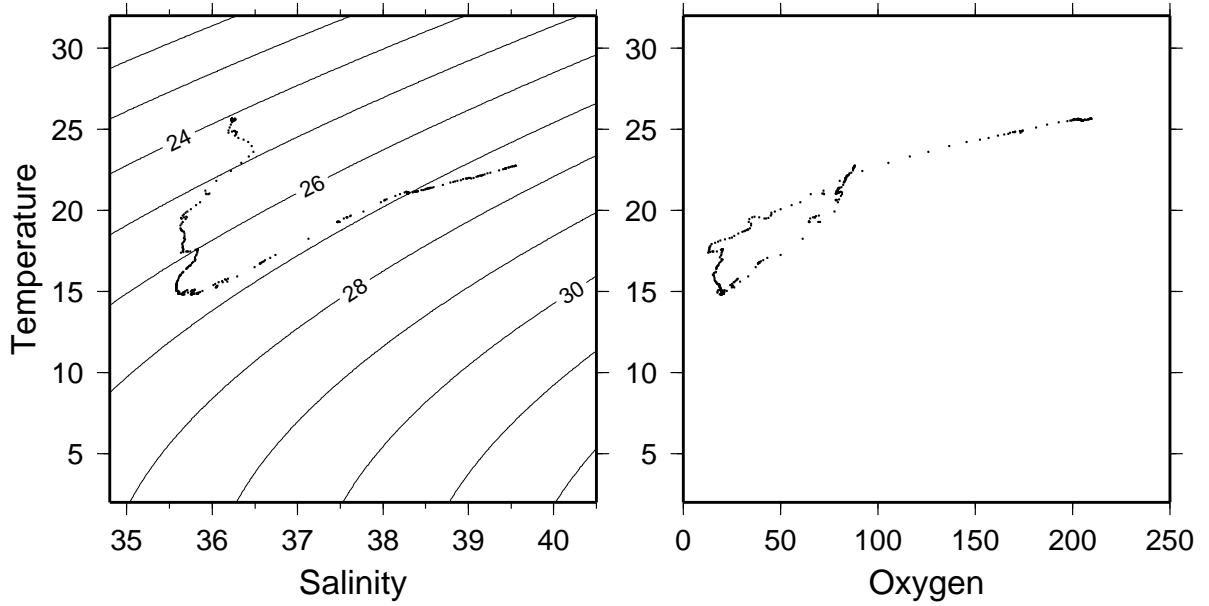
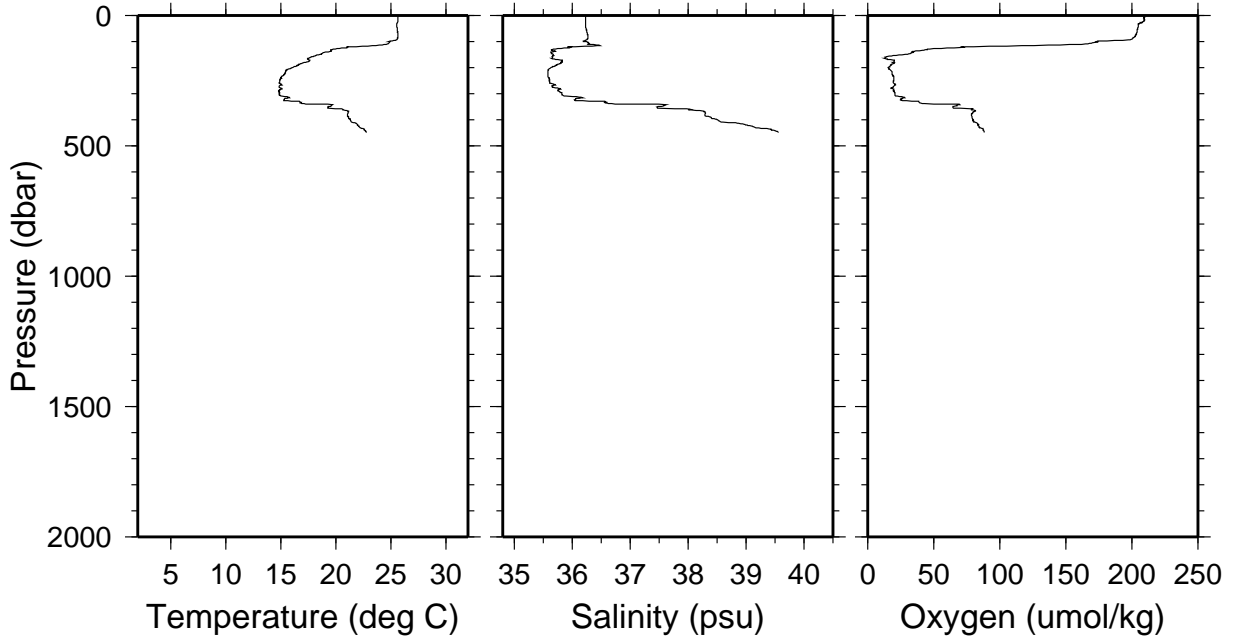
Redsox-1 **Station 063**
Latitude: 12° 24.57 N
Longitude: 043° 50.42 E
Date: 22-02-2001 2047 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.640	25.638	36.232	209.3	24.076
20	25.640	25.636	36.232	209.3	24.077
30	25.550	25.543	36.227	205.3	24.101
40	25.548	25.539	36.230	204.9	24.105
50	25.567	25.556	36.239	204.4	24.107
60	25.596	25.583	36.250	204.0	24.107
70	25.616	25.601	36.261	203.3	24.110
80	25.619	25.601	36.265	202.5	24.113
90	25.577	25.557	36.262	200.3	24.124
100	24.846	24.824	36.232	173.7	24.326
110	24.602	24.578	36.268	161.8	24.428
120	21.229	21.205	35.923	72.2	25.140
130	19.739	19.715	35.667	45.3	25.346
140	19.170	19.145	35.644	34.9	25.476
150	18.417	18.391	35.674	26.1	25.691
160	17.722	17.694	35.657	13.4	25.851
170	17.451	17.422	35.745	17.1	25.985
180	17.213	17.183	35.813	19.3	26.094
190	16.573	16.543	35.732	17.5	26.185
200	16.022	15.991	35.631	15.5	26.235
250	14.905	14.867	35.601	19.7	26.465
300	14.867	14.821	35.822	20.6	26.646
350	19.291	19.226	37.473	64.5	26.854
400	21.317	21.238	38.506	79.6	27.099

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
447.0	1	22.771	22.678	39.546	85.8
299.5	2	14.877	14.831	35.810	20.9
245.1	3	14.909	14.872	35.612	20.0
49.5	4	25.568	25.557	36.248	200.9
2.5	5	25.622	25.621	36.242	207.8

Redsox-1 Station 063
Latitude: 12 24.57 N
Longitude: 043 50.42 E
Date: 22-02-2001
Time: 2047 GMT

Rsx1-063

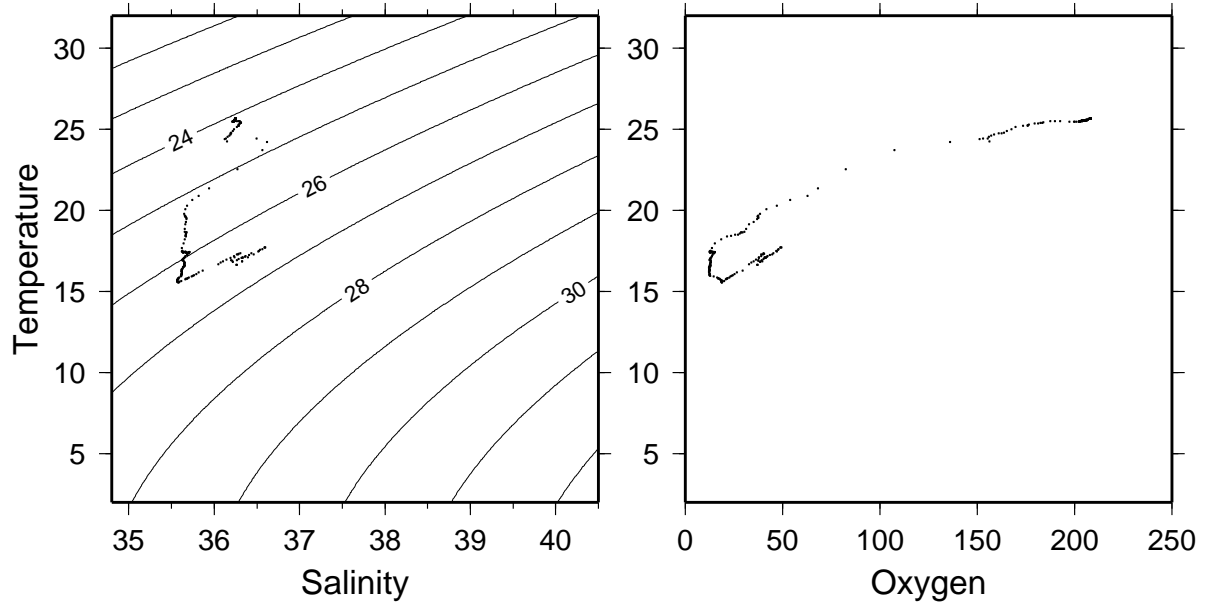
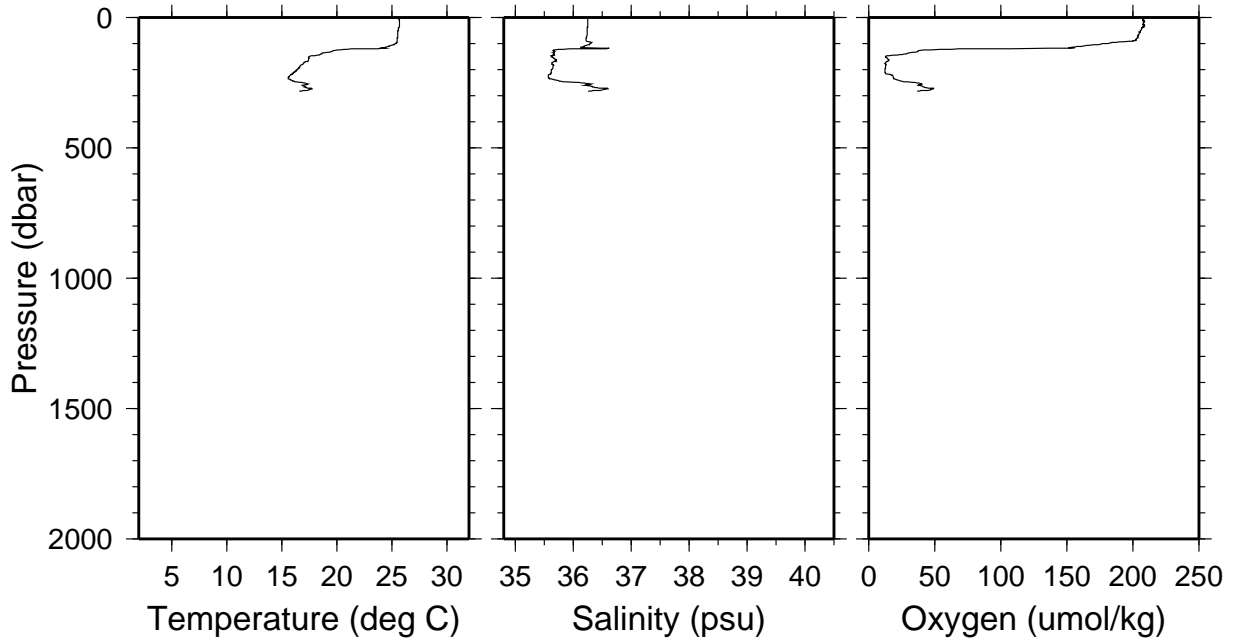


Redsox-1 **Station 064**
Latitude: 12° 20.98 N
Longitude: 043° 49.40 E
Date: 22-02-2001 2305 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.658	25.656	36.249	208.1	24.083
20	25.662	25.657	36.249	208.1	24.083
30	25.664	25.658	36.249	208.1	24.083
40	25.594	25.585	36.241	206.3	24.099
50	25.555	25.544	36.241	205.8	24.112
60	25.548	25.534	36.239	205.0	24.114
70	25.529	25.514	36.235	203.9	24.117
80	25.487	25.469	36.221	202.9	24.120
90	25.475	25.455	36.224	200.0	24.127
100	25.346	25.324	36.297	179.5	24.222
110	24.734	24.710	36.195	160.9	24.333
120	22.550	22.526	36.271	82.6	25.034
130	19.569	19.545	35.669	37.4	25.392
140	18.572	18.547	35.669	27.8	25.647
150	17.473	17.448	35.624	12.6	25.886
160	17.401	17.374	35.688	14.7	25.952
170	17.167	17.139	35.662	13.6	25.990
180	16.876	16.847	35.644	13.0	26.045
190	16.612	16.581	35.648	12.7	26.111
200	16.375	16.342	35.624	12.4	26.149
250	16.849	16.808	36.101	35.1	26.406

Redsox-1 Station 064
Latitude: 12 20.98 N
Longitude: 043 49.40 E
Date: 22-02-2001
Time: 2305 GMT

Rsx1-064

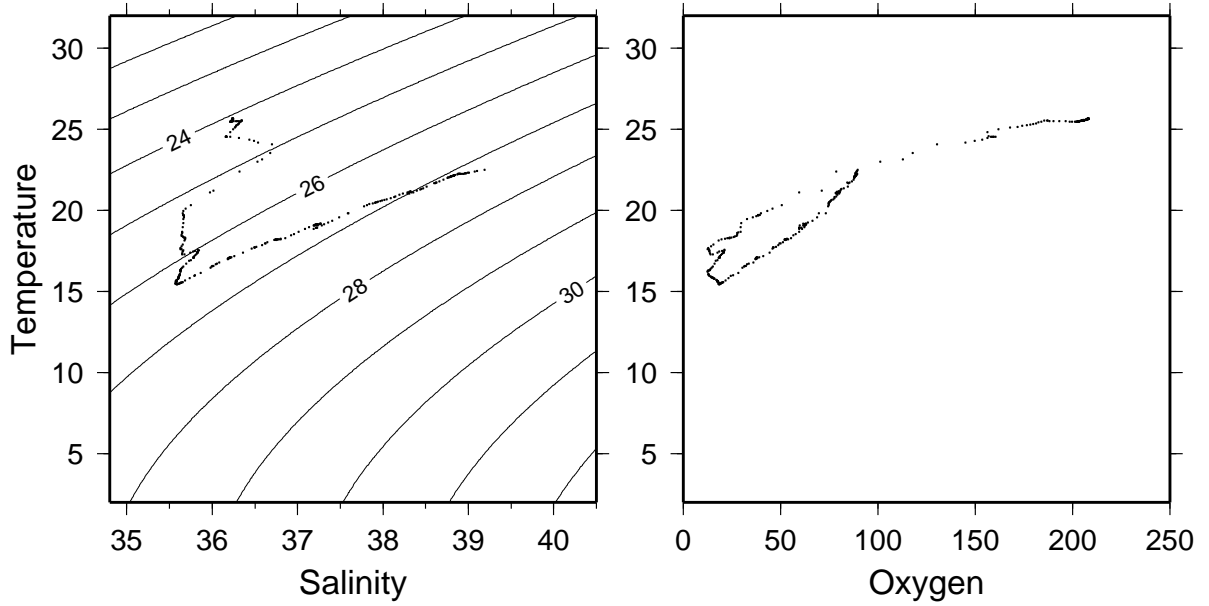
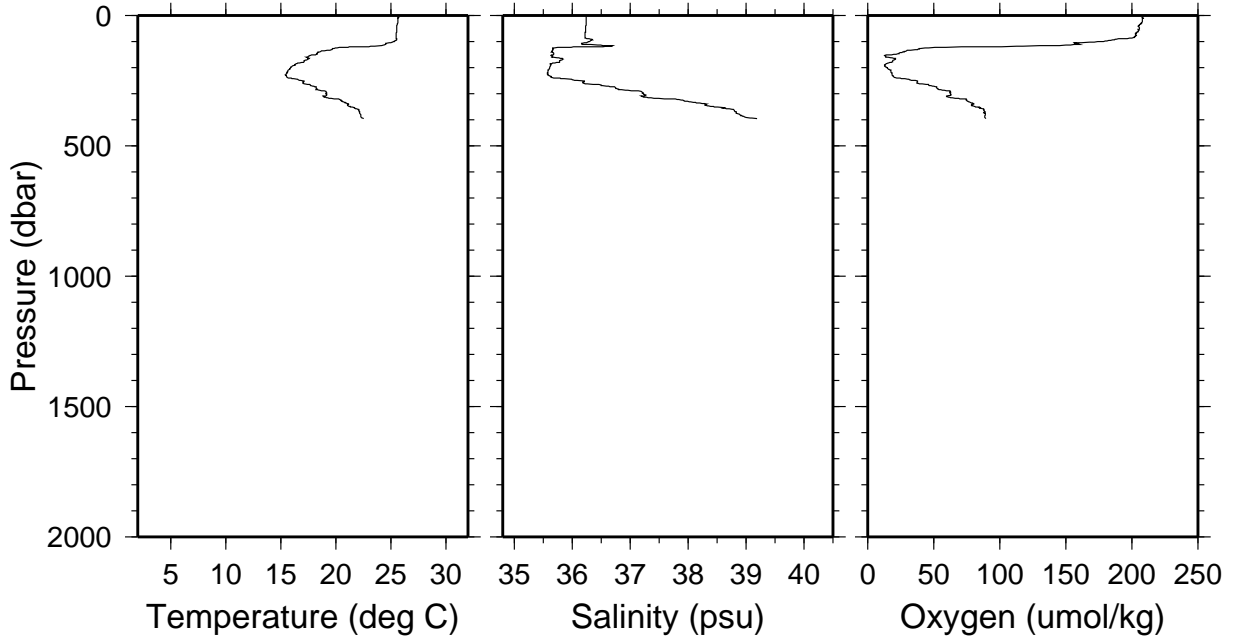


Redsox-1 **Station 065**
Latitude: 12° 22.47 N
Longitude: 043° 49.66 E
Date: 23-02-2001 0018 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.660	25.657	36.243	208.0	24.078
20	25.631	25.626	36.241	207.7	24.087
30	25.598	25.591	36.239	207.1	24.096
40	25.546	25.537	36.234	205.0	24.109
50	25.544	25.533	36.234	205.7	24.110
60	25.526	25.513	36.231	204.6	24.114
70	25.476	25.460	36.216	202.8	24.119
80	25.471	25.453	36.216	202.7	24.122
90	25.508	25.488	36.294	190.0	24.169
100	25.254	25.232	36.287	176.6	24.243
110	24.528	24.505	36.168	160.4	24.375
120	22.384	22.360	36.323	78.6	25.121
130	19.678	19.654	35.667	38.3	25.361
140	18.413	18.389	35.640	27.2	25.666
150	18.140	18.114	35.674	18.0	25.760
160	17.293	17.266	35.651	14.0	25.950
170	17.399	17.370	35.829	20.5	26.062
180	16.944	16.914	35.747	17.5	26.109
190	16.278	16.247	35.627	12.8	26.173
200	15.875	15.844	35.606	14.6	26.250
250	16.770	16.729	36.085	35.9	26.412
300	19.124	19.069	37.227	62.6	26.706
350	21.318	21.249	38.450	81.4	27.054

Redsox-1 Station 065
Latitude: 12 22.47 N
Longitude: 043 49.66 E
Date: 23-02-2001
Time: 0018 GMT

Rsx1-065

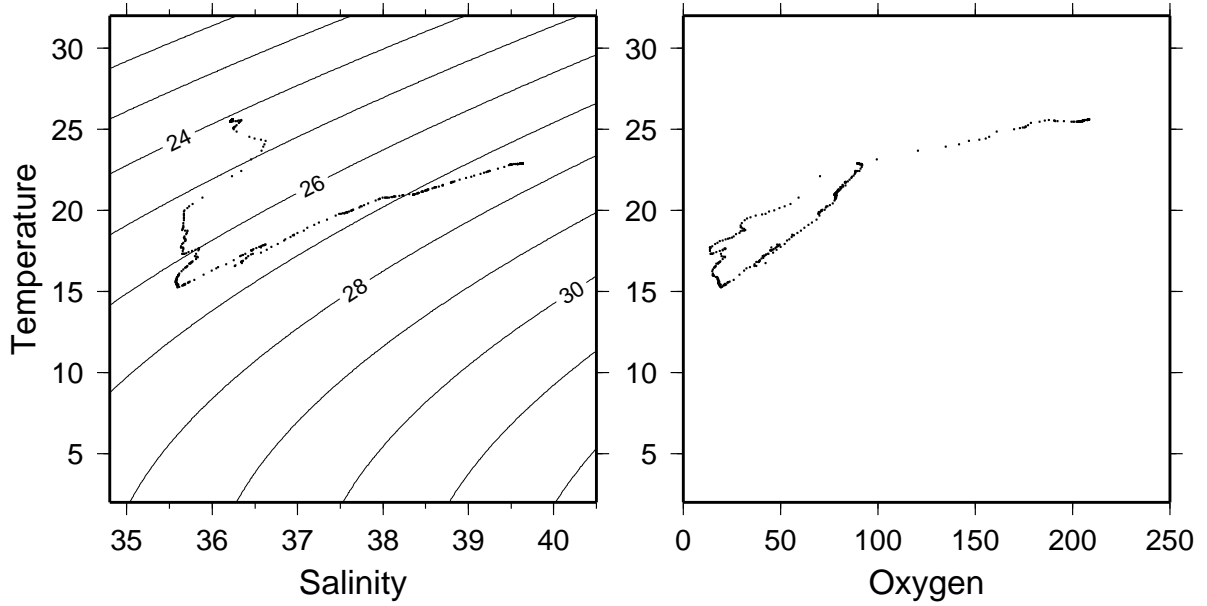
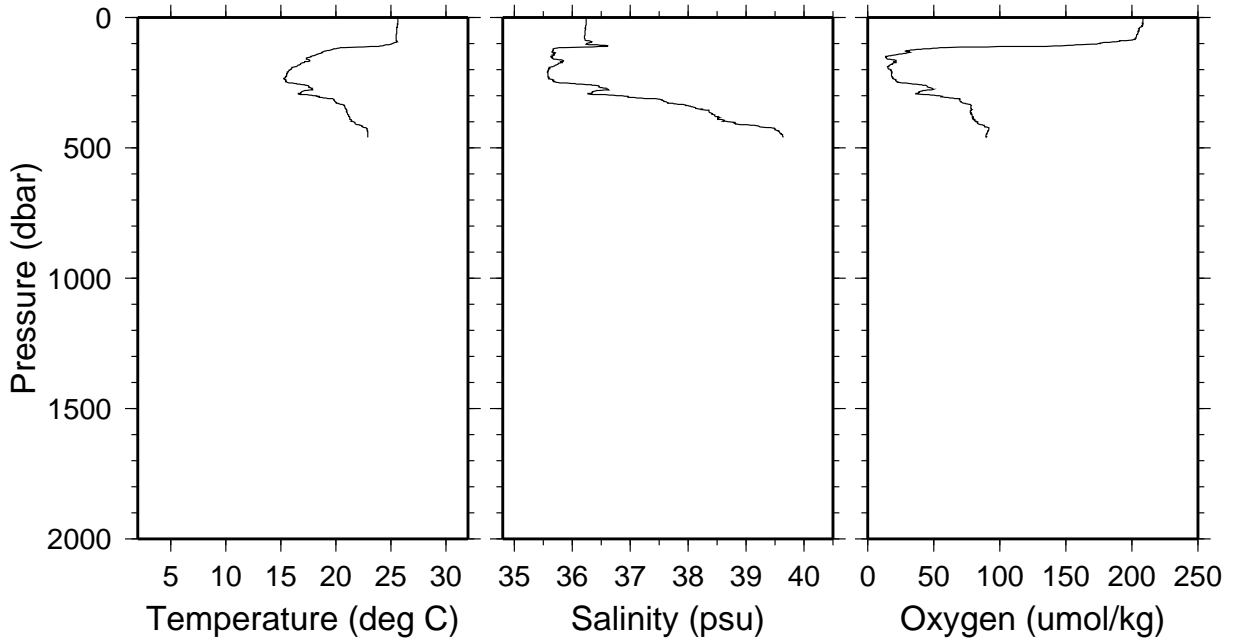


Redsox-1 **Station 066**
Latitude: 12° 23.49 N
Longitude: 043° 50.03 E
Date: 23-02-2001 0133 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.618	25.616	36.239	208.2	24.088
20	25.622	25.618	36.240	208.3	24.088
30	25.591	25.584	36.235	207.8	24.095
40	25.534	25.525	36.226	205.6	24.106
50	25.517	25.506	36.222	205.1	24.110
60	25.507	25.494	36.221	204.6	24.112
70	25.479	25.463	36.215	203.6	24.117
80	25.471	25.454	36.214	202.9	24.120
90	25.515	25.496	36.291	190.9	24.165
100	25.121	25.099	36.258	175.3	24.262
110	23.919	23.896	36.595	134.9	24.881
120	19.920	19.898	35.670	44.2	25.300
130	18.948	18.925	35.664	29.6	25.548
140	18.329	18.304	35.666	25.0	25.706
150	17.714	17.688	35.634	13.6	25.835
160	17.372	17.345	35.694	15.6	25.964
170	17.172	17.144	35.798	19.7	26.093
180	16.750	16.720	35.746	17.9	26.154
190	16.102	16.072	35.616	15.2	26.205
200	15.842	15.810	35.588	17.5	26.243
250	15.600	15.561	35.736	23.7	26.414
300	18.158	18.106	36.845	53.3	26.660
350	20.900	20.832	38.192	78.5	26.972
400	21.564	21.484	38.701	82.0	27.179
450	22.884	22.790	39.629	89.8	27.511

Redsox-1 Station 066
Latitude: 12 23.49 N
Longitude: 043 50.03 E
Date: 23-02-2001
Time: 0133 GMT

Rsx1-066

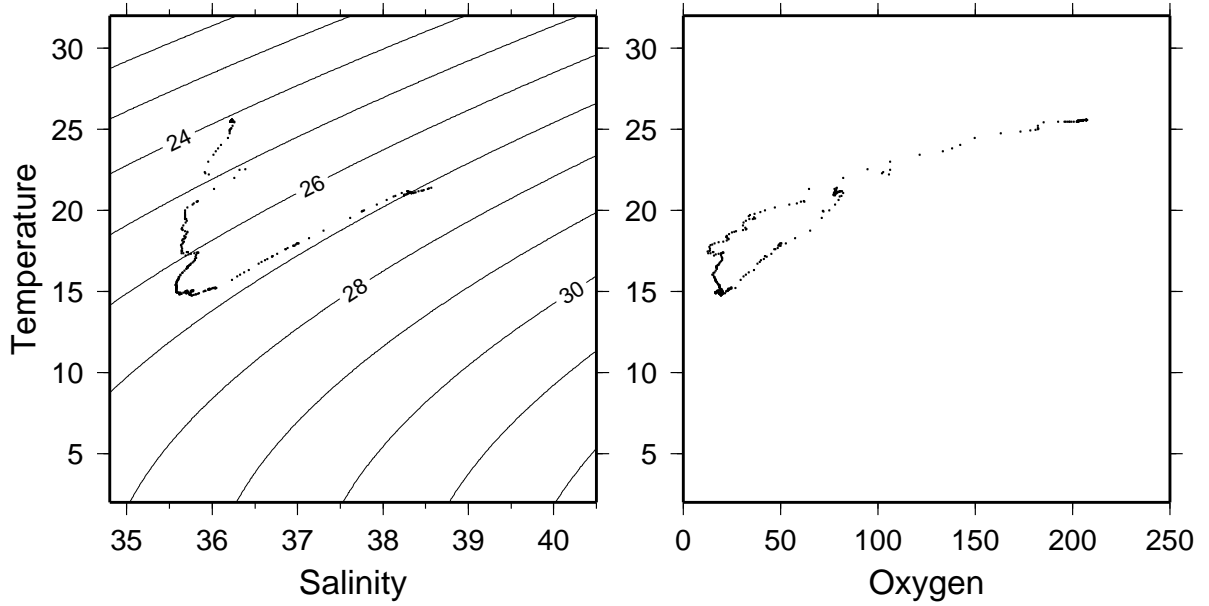
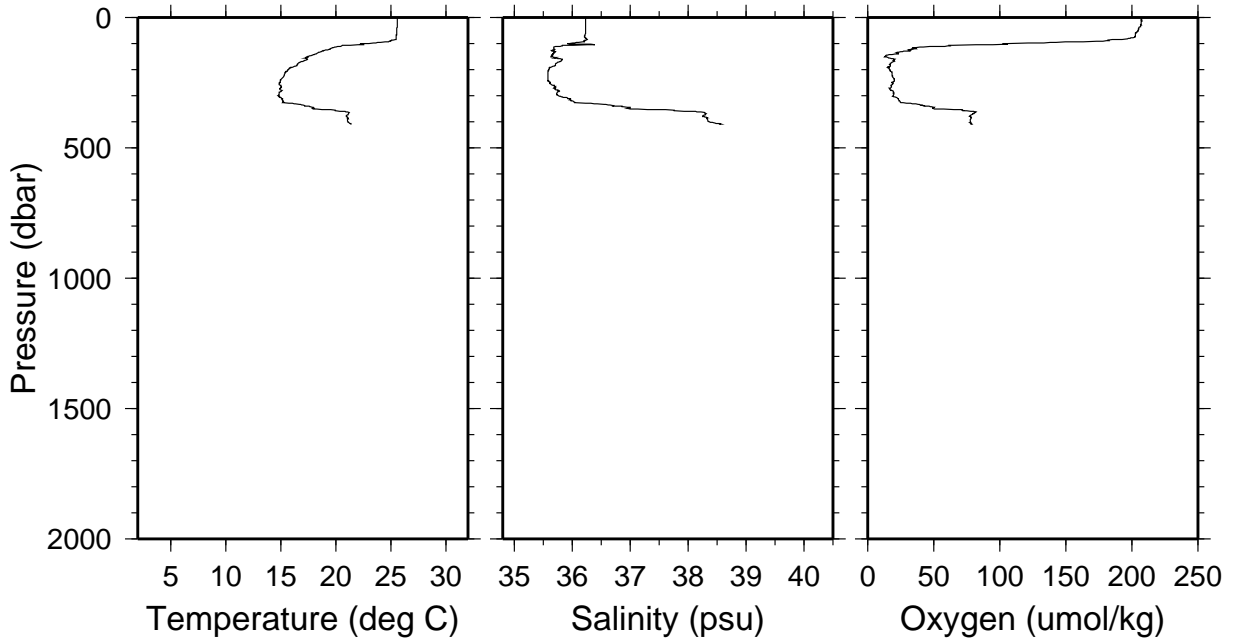


Redsox-1 **Station 067**
Latitude: 12° 24.63 N
Longitude: 043° 50.38 E
Date: 23-02-2001 0315 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.579	25.576	36.232	207.2	24.096
20	25.574	25.569	36.230	207.0	24.096
30	25.570	25.564	36.230	206.8	24.098
40	25.547	25.538	36.228	205.2	24.104
50	25.534	25.523	36.226	204.8	24.107
60	25.521	25.508	36.228	202.9	24.114
70	25.481	25.465	36.216	202.6	24.118
80	25.475	25.457	36.239	198.1	24.137
90	24.971	24.951	36.205	180.9	24.267
100	22.361	22.341	35.914	102.6	24.816
110	20.419	20.398	35.786	58.3	25.255
120	19.486	19.464	35.682	36.4	25.423
130	18.731	18.708	35.685	27.1	25.620
140	18.134	18.110	35.645	22.3	25.739
150	17.452	17.427	35.644	12.6	25.906
160	17.409	17.382	35.835	20.4	26.063
170	16.867	16.839	35.784	19.4	26.155
180	16.511	16.482	35.710	17.0	26.182
190	16.053	16.022	35.631	15.0	26.228
200	15.676	15.644	35.592	16.6	26.284
250	14.897	14.859	35.623	18.5	26.484
300	14.768	14.722	35.756	19.5	26.616
350	17.951	17.890	37.000	50.3	26.833
400	21.087	21.009	38.358	77.6	27.050

Redsox-1 Station 067
Latitude: 12 24.63 N
Longitude: 043 50.38 E
Date: 23-02-2001
Time: 0315 GMT

Rsx1-067



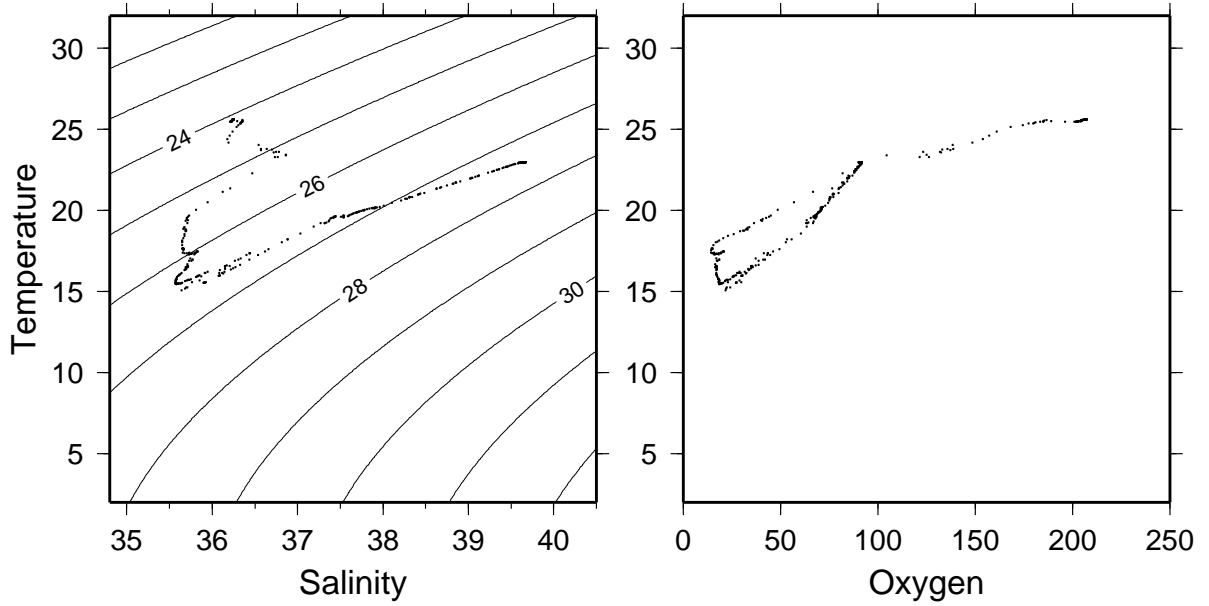
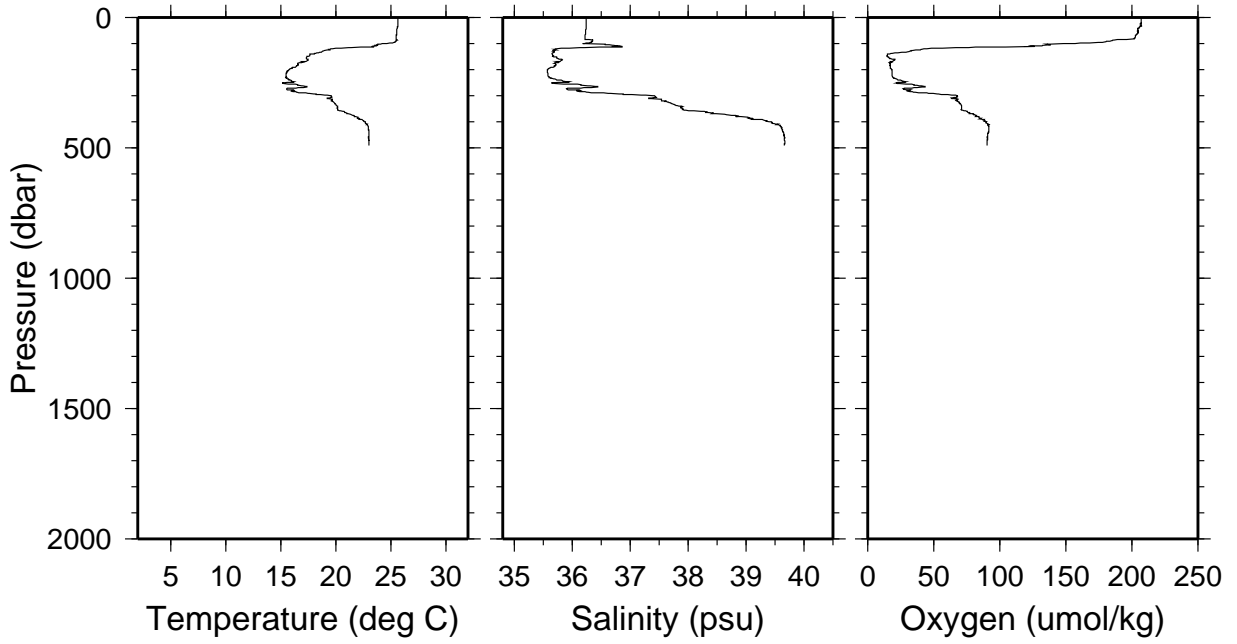
Redsox-1 **Station 068**
Latitude: 12° 23.71 N
Longitude: 043° 47.05 E
Date: 23-02-2001 0500 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.610	25.608	36.242	207.0	24.093
20	25.612	25.607	36.243	206.9	24.094
30	25.611	25.605	36.242	206.8	24.094
40	25.586	25.577	36.239	205.2	24.101
50	25.536	25.525	36.232	204.7	24.111
60	25.525	25.512	36.230	204.1	24.114
70	25.482	25.466	36.220	202.6	24.121
80	25.468	25.450	36.218	201.8	24.124
90	25.482	25.462	36.352	184.8	24.221
100	24.378	24.357	36.176	153.9	24.425
110	23.285	23.263	36.736	121.4	25.174
120	19.601	19.580	35.718	44.1	25.420
130	18.808	18.785	35.691	32.1	25.605
140	17.856	17.832	35.650	15.4	25.812
150	17.343	17.318	35.679	14.9	25.959
160	17.407	17.380	35.795	19.4	26.033
170	16.898	16.870	35.729	17.3	26.105
180	16.550	16.521	35.713	17.1	26.175
190	16.315	16.284	35.675	17.0	26.201
200	15.741	15.710	35.578	18.2	26.258
250	15.578	15.539	35.761	22.9	26.438
300	19.552	19.497	37.402	67.8	26.729
350	20.167	20.101	37.912	70.9	26.958
400	22.629	22.547	39.417	89.8	27.421
450	22.976	22.881	39.661	90.8	27.508

Press (dbar)	Bottle	Bottle Data			
		Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
490.4	1	22.978	22.875	-9.990	92.5
350.8	2	20.378	20.311	-9.990	71.3
210.5	3	15.529	15.496	-9.990	18.9
135.6	4	18.222	18.198	-9.990	16.0
50.0	5	25.536	25.525	-9.990	211.7
1.6	6	25.617	25.617	-9.990	212.4

Redsox-1 Station 068
Latitude: 12 23.71 N
Longitude: 043 47.05 E
Date: 23-02-2001
Time: 0500 GMT

Rsx1-068

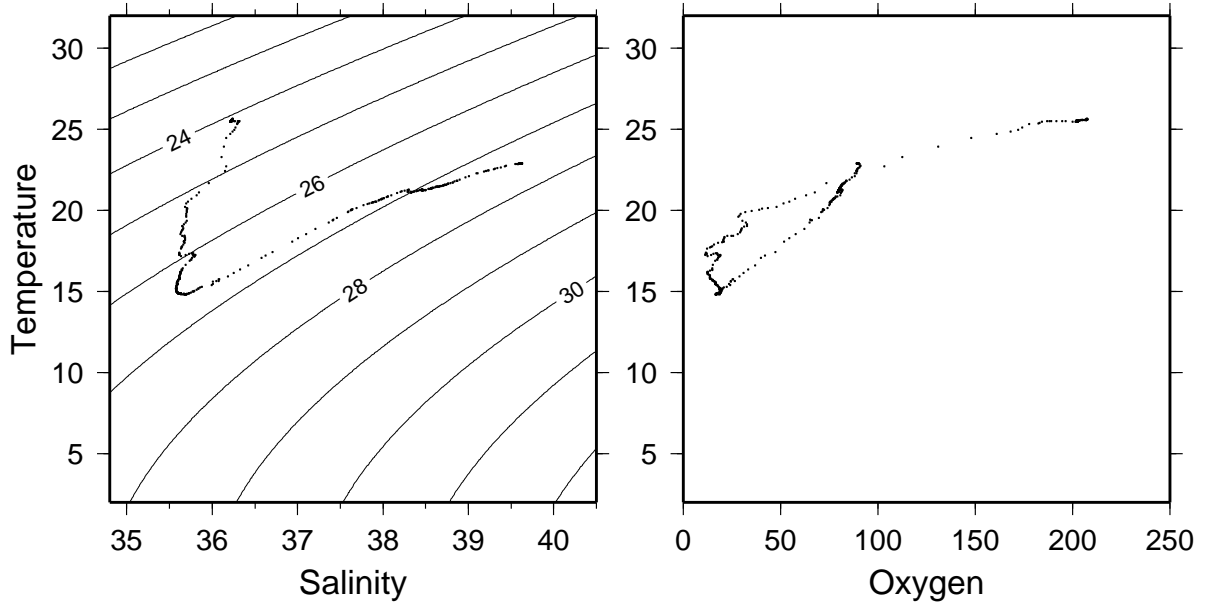
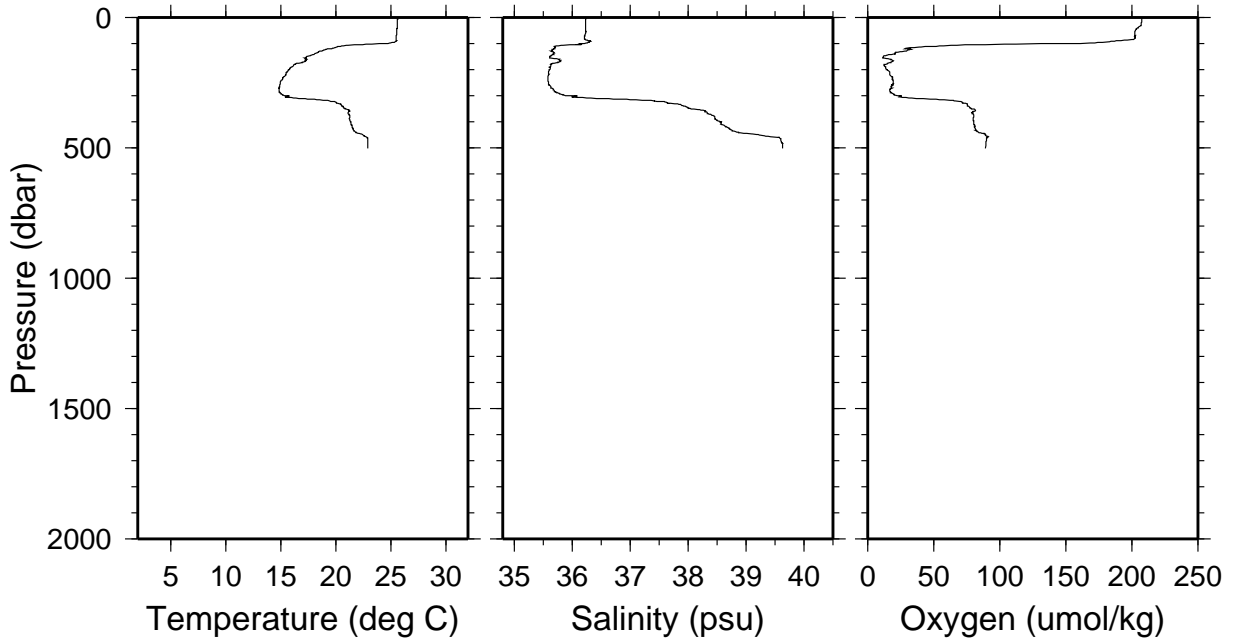


Redsox-1 **Station 069**
Latitude: 12° 23.67 N
Longitude: 043° 52.82 E
Date: 23-02-2001 0635 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.591	25.589	36.234	207.4	24.093
20	25.589	25.585	36.234	207.1	24.094
30	25.587	25.580	36.233	206.9	24.095
40	25.562	25.553	36.231	204.7	24.102
50	25.543	25.532	36.234	202.7	24.110
60	25.529	25.516	36.232	202.3	24.114
70	25.482	25.466	36.217	202.4	24.118
80	25.468	25.451	36.214	202.4	24.120
90	25.505	25.485	36.313	188.2	24.185
100	24.447	24.426	36.164	148.0	24.396
110	20.420	20.399	35.697	51.6	25.187
120	19.360	19.338	35.701	30.4	25.470
130	18.524	18.501	35.626	28.0	25.627
140	18.058	18.034	35.672	20.9	25.778
150	17.338	17.313	35.613	11.7	25.910
160	17.371	17.344	35.777	17.3	26.028
170	17.156	17.128	35.788	18.4	26.089
180	16.209	16.180	35.628	12.6	26.190
190	15.953	15.923	35.614	13.7	26.238
200	15.737	15.705	35.607	14.5	26.282
250	14.958	14.920	35.588	19.3	26.443
300	15.601	15.554	36.005	24.4	26.622
350	20.853	20.785	38.055	78.4	26.881
400	21.360	21.281	38.564	80.4	27.132
450	22.439	22.346	39.213	88.9	27.324

Redsox-1 Station 069
Latitude: 12 23.67 N
Longitude: 043 52.82 E
Date: 23-02-2001
Time: 0635 GMT

Rsx1-069

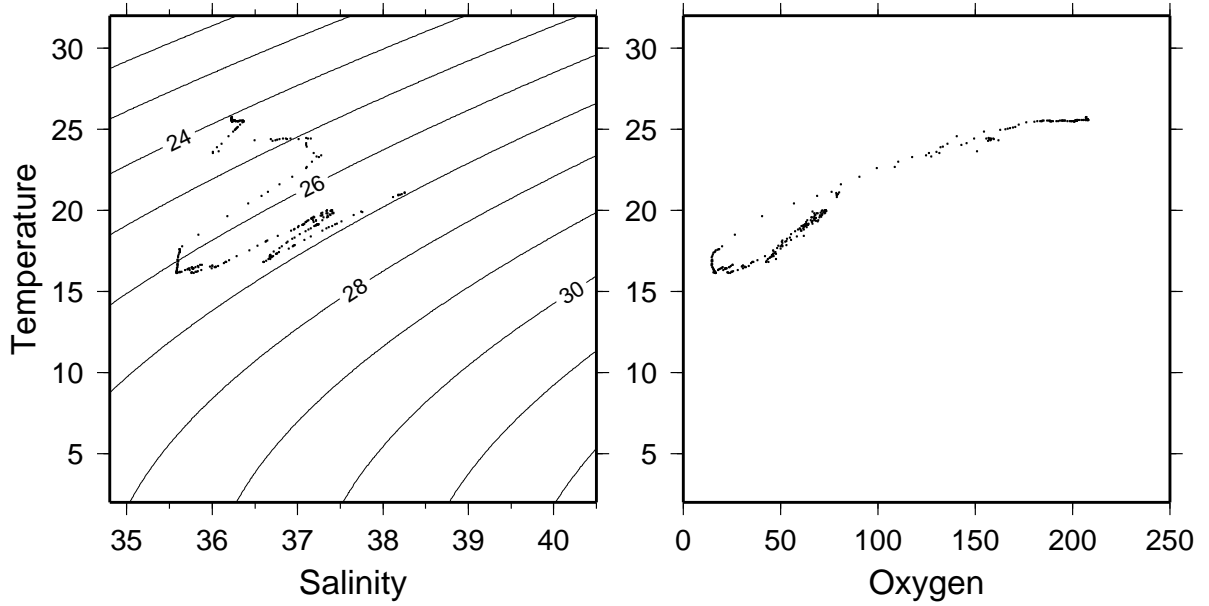
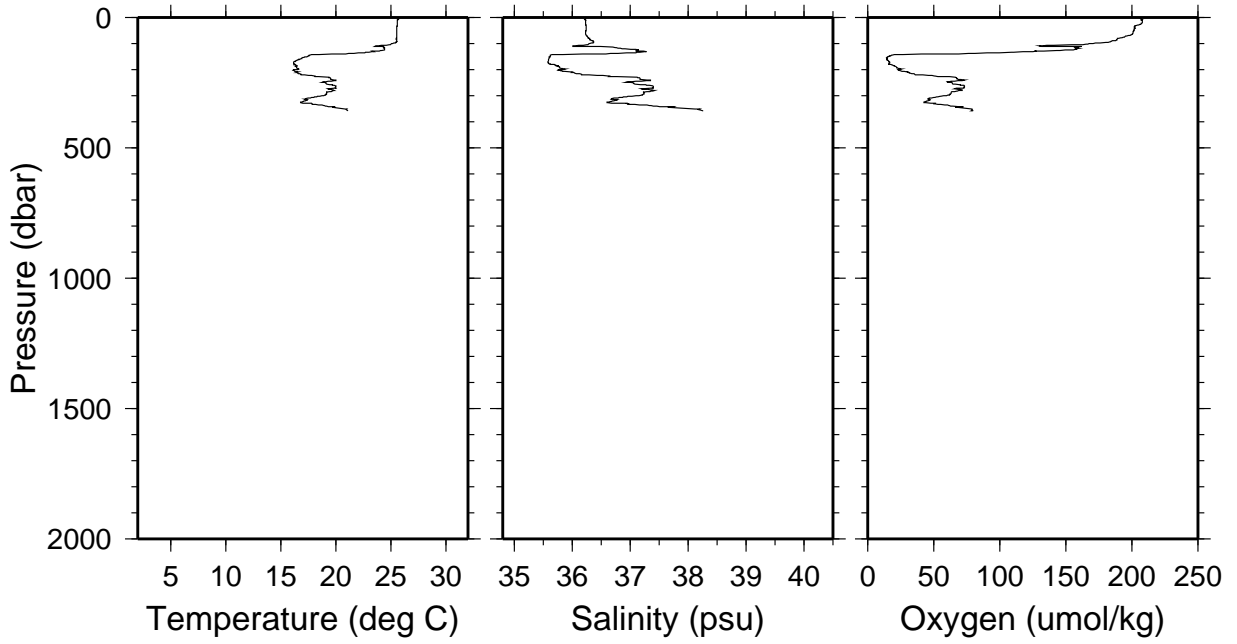


Redsox-1 **Station 070**
Latitude: 12° 17.60 N
Longitude: 043° 47.17 E
Date: 23-02-2001 0814 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.593	25.591	36.225	207.7	24.085
20	25.577	25.572	36.228	207.8	24.093
30	25.567	25.560	36.240	203.3	24.106
40	25.545	25.536	36.240	201.9	24.114
50	25.525	25.514	36.236	201.4	24.118
60	25.509	25.495	36.232	200.9	24.120
70	25.522	25.507	36.253	196.3	24.133
80	25.496	25.478	36.290	189.1	24.170
90	25.531	25.511	36.360	185.0	24.212
100	25.113	25.091	36.294	169.4	24.292
110	23.527	23.504	36.005	131.6	24.549
120	24.407	24.381	36.874	157.8	24.946
130	23.336	23.309	37.225	127.4	25.532
140	20.440	20.414	36.424	56.7	25.737
150	17.386	17.361	35.618	15.5	25.902
160	16.670	16.643	35.593	14.7	26.054
170	16.222	16.195	35.582	16.3	26.151
180	16.217	16.188	35.639	16.5	26.196
190	16.416	16.386	35.776	21.7	26.255
200	16.196	16.164	35.764	22.9	26.298
250	18.954	18.908	37.008	63.5	26.581
300	18.815	18.761	37.129	58.9	26.711

Redsox-1 Station 070
Latitude: 12 17.60 N
Longitude: 043 47.17 E
Date: 23-02-2001
Time: 0814 GMT

Rsx1-070



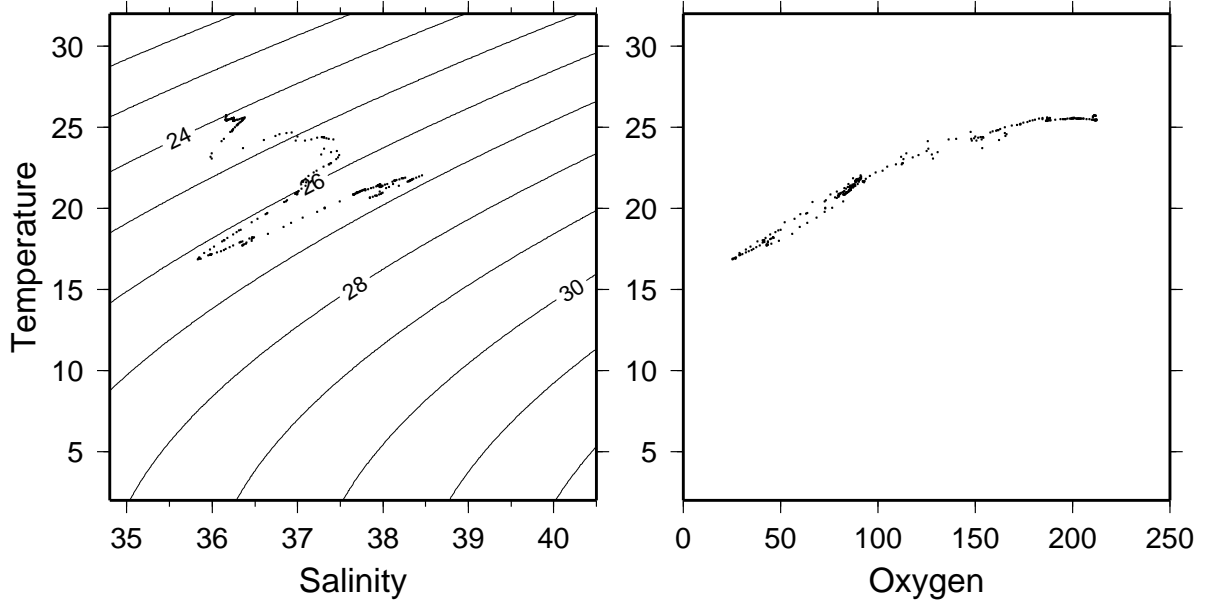
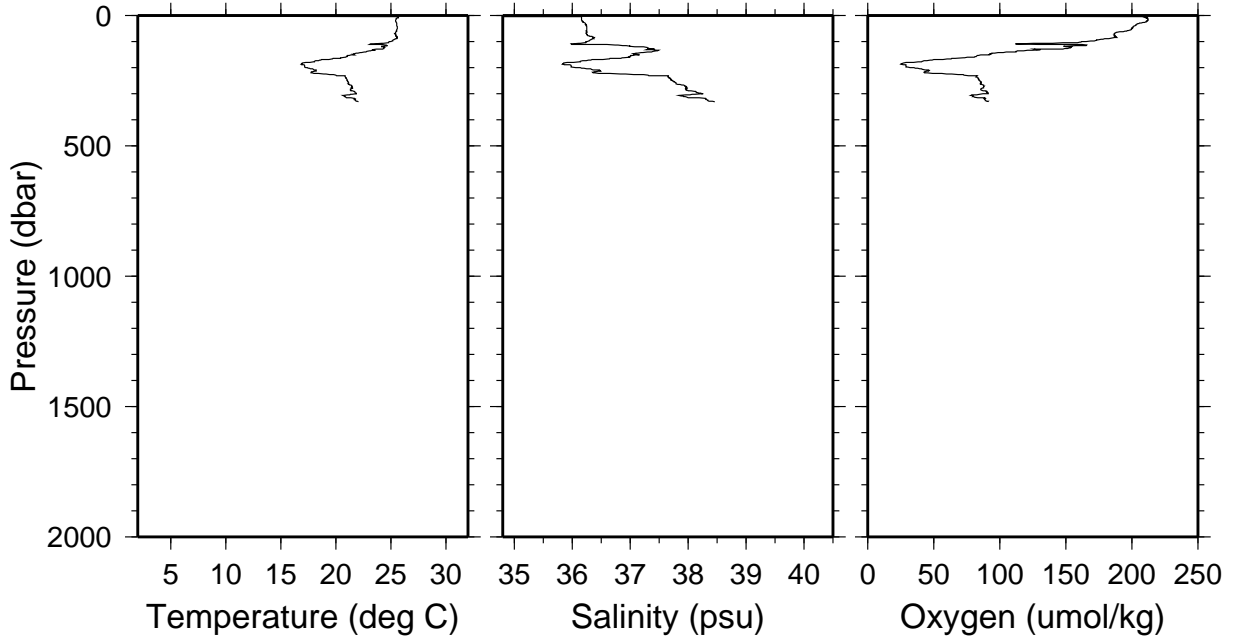
Redsox-1 **Station 071**
Latitude: 12° 15.54 N
Longitude: 043° 44.58 E
Date: 23-02-2001 0925 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.607	25.604	36.160	210.5	24.032
20	25.442	25.437	36.168	211.7	24.090
30	25.530	25.523	36.226	205.2	24.107
40	25.547	25.539	36.240	202.1	24.113
50	25.553	25.542	36.250	200.3	24.119
60	25.504	25.491	36.244	195.6	24.131
70	25.397	25.382	36.248	186.5	24.167
80	25.501	25.483	36.318	187.3	24.189
90	25.423	25.403	36.351	179.6	24.239
100	24.893	24.871	36.246	162.7	24.322
110	23.078	23.055	35.991	128.3	24.670
120	24.253	24.227	37.160	153.1	25.210
130	23.678	23.651	37.312	125.9	25.496
140	22.712	22.683	37.364	109.2	25.820
150	21.687	21.657	37.158	92.3	25.955
160	20.908	20.877	36.999	79.8	26.050
170	18.676	18.646	36.335	50.1	26.133
180	17.458	17.428	35.973	32.3	26.158
190	17.153	17.121	35.978	29.2	26.236
200	17.363	17.329	36.101	33.7	26.281
250	21.035	20.986	37.726	84.7	26.574
300	21.900	21.840	38.258	91.0	26.741

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
330.8	1	22.011	21.944	-9.990	94.1
249.2	2	21.050	21.001	37.755	86.1
215.6	3	17.721	17.684	36.366	46.7
185.1	4	17.001	16.970	35.905	29.0
136.6	5	23.420	23.391	37.422	124.9
101.0	6	24.790	24.768	36.250	170.7
50.2	7	25.559	25.548	-9.990	205.3
3.0	8	25.841	25.840	36.177	215.6

Redsox-1 Station 071
Latitude: 12 15.54 N
Longitude: 043 44.58 E
Date: 23-02-2001
Time: 0925 GMT

Rsx1-071

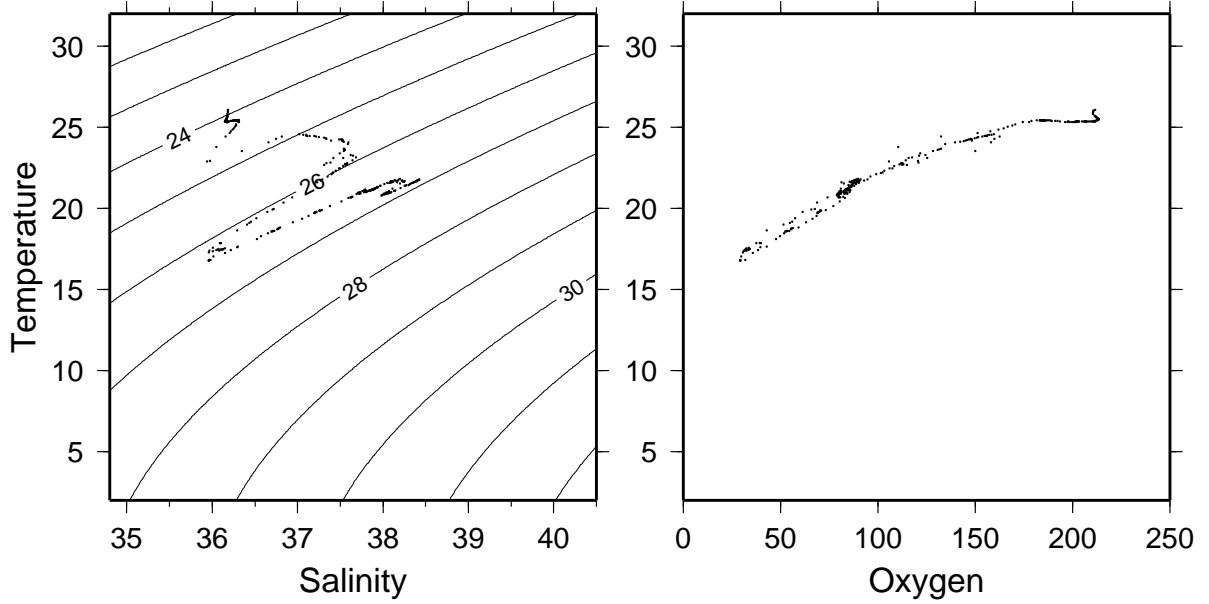
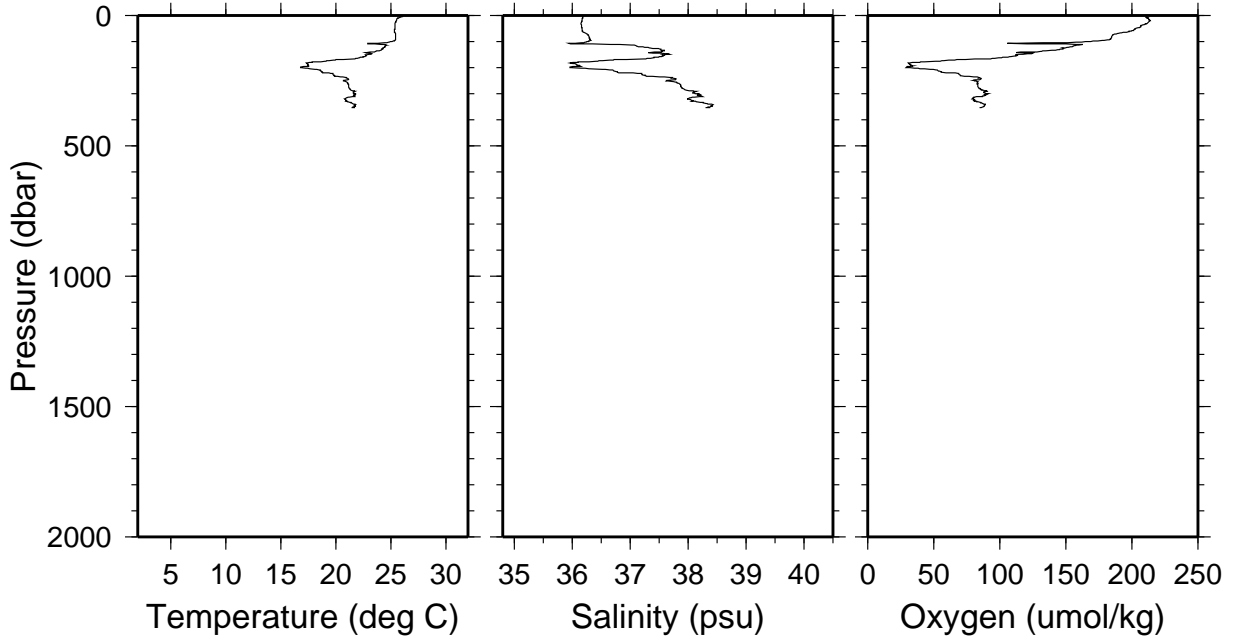


Redsox-1 **Station 072**
Latitude: 12° 14.12 N
Longitude: 043° 42.23 E
Date: 23-02-2001 1054 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.656	25.654	36.175	212.3	24.028
20	25.500	25.495	36.172	213.3	24.075
30	25.350	25.344	36.147	211.3	24.103
40	25.357	25.349	36.165	206.6	24.115
50	25.349	25.338	36.171	202.9	24.123
60	25.336	25.322	36.180	198.5	24.134
70	25.419	25.403	36.249	188.3	24.161
80	25.423	25.405	36.287	184.9	24.190
90	25.414	25.394	36.295	183.7	24.199
100	25.035	25.014	36.266	166.5	24.294
110	24.086	24.063	36.662	158.0	24.881
120	24.450	24.424	37.195	154.7	25.177
130	24.204	24.176	37.529	145.8	25.504
140	23.406	23.377	37.496	121.7	25.718
150	22.796	22.765	37.583	111.9	25.963
160	22.333	22.301	37.449	103.3	25.994
170	19.979	19.947	36.721	67.4	26.089
180	17.841	17.810	36.091	37.5	26.155
190	17.406	17.374	36.079	32.5	26.253
200	16.789	16.756	35.959	29.3	26.309
250	20.672	20.624	37.626	80.1	26.598
300	21.699	21.640	38.138	90.5	26.707
350	21.658	21.588	38.382	87.3	26.907

Redsox-1 Station 072
Latitude: 12 14.12 N
Longitude: 043 42.23 E
Date: 23-02-2001
Time: 1054 GMT

Rsx1-072



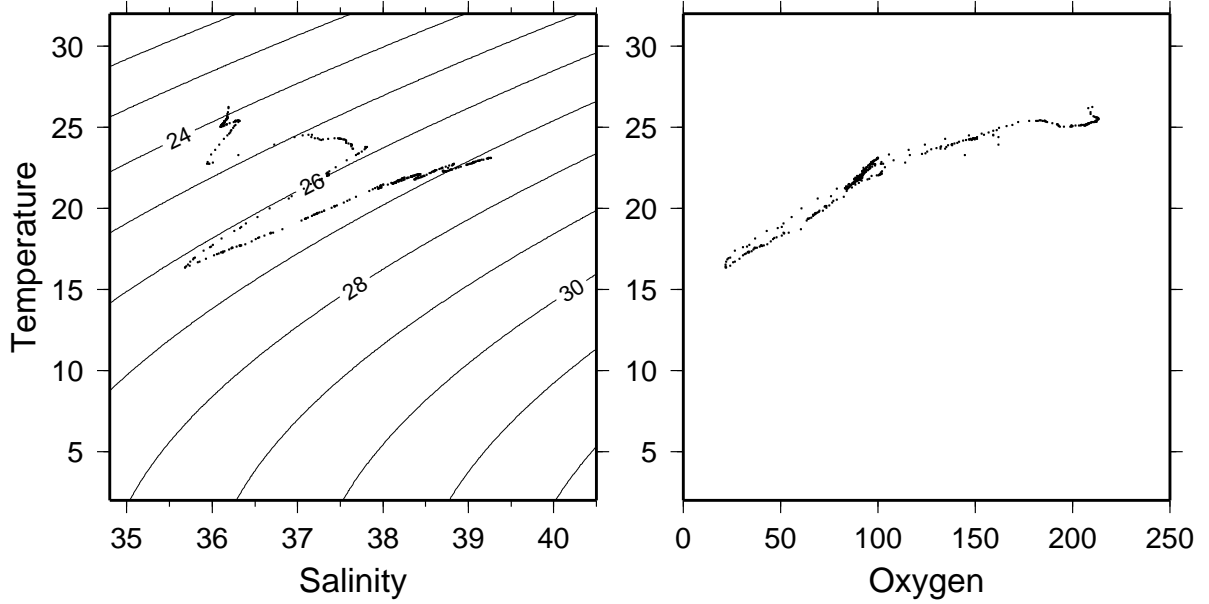
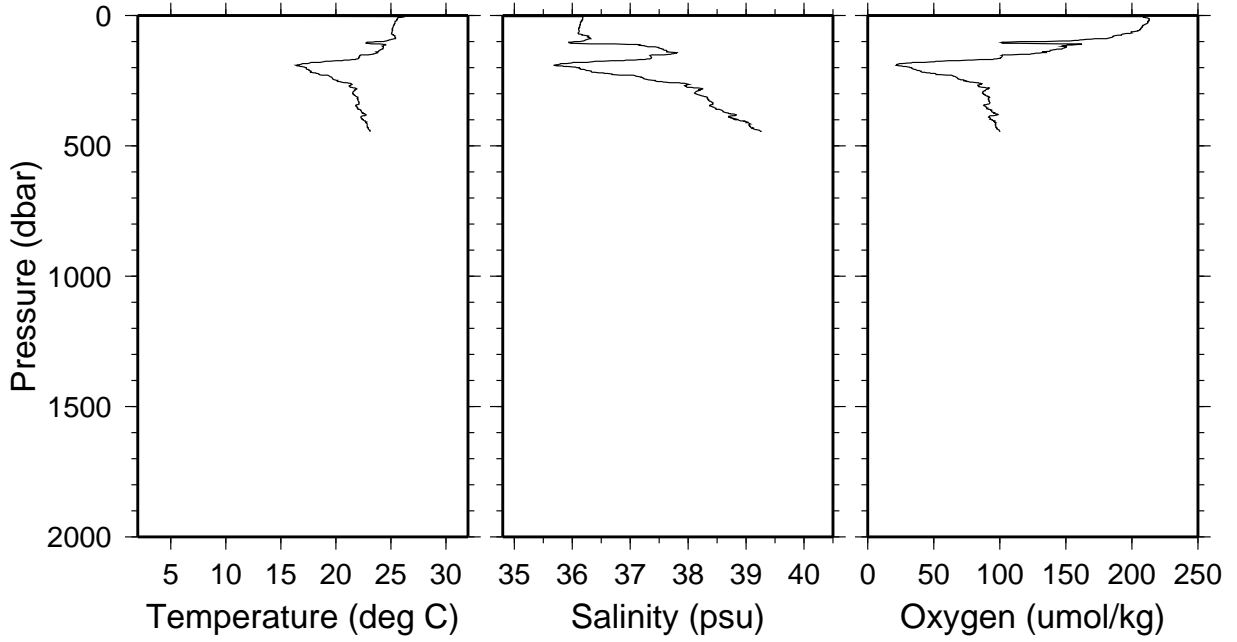
Redsox-1 **Station 073**
Latitude: 12° 12.97 N
Longitude: 043° 40.24 E
Date: 23-02-2001 1202 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.610	25.608	36.175	212.0	24.042
20	25.484	25.480	36.165	213.1	24.075
30	25.343	25.336	36.144	211.5	24.103
40	25.219	25.210	36.127	208.1	24.129
50	25.149	25.139	36.113	206.6	24.141
60	25.125	25.111	36.115	204.1	24.150
70	25.052	25.037	36.109	193.4	24.168
80	25.377	25.359	36.275	185.7	24.195
90	25.310	25.290	36.304	172.1	24.238
100	23.921	23.900	36.080	124.2	24.489
110	24.387	24.364	36.967	161.9	25.022
120	24.298	24.272	37.358	150.9	25.346
130	24.175	24.147	37.570	143.6	25.545
140	23.680	23.650	37.641	132.1	25.747
150	22.954	22.923	37.578	108.1	25.913
160	22.108	22.076	37.357	101.3	25.989
170	21.488	21.455	37.156	85.1	26.010
180	18.131	18.100	36.112	36.9	26.099
190	16.420	16.389	35.693	21.7	26.191
200	17.283	17.249	36.106	32.9	26.304
250	20.136	20.089	37.435	72.8	26.596
300	21.548	21.489	38.128	87.6	26.741
350	21.878	21.808	38.416	89.5	26.871
400	22.468	22.386	38.848	93.8	27.034

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
445.9	1	23.107	23.014	39.267	100.2
303.2	2	21.789	21.728	38.267	88.9
250.3	3	20.062	20.015	37.471	71.8
161.6	4	22.120	22.088	37.346	98.2
131.4	5	24.173	24.145	37.574	145.4
100.3	6	23.282	23.261	36.055	113.2
49.2	7	25.119	25.108	36.120	206.6
2.3	8	26.347	26.346	36.209	214.1

Redsox-1 Station 073
Latitude: 12 12.97 N
Longitude: 043 40.24 E
Date: 23-02-2001
Time: 1202 GMT

Rsx1-073

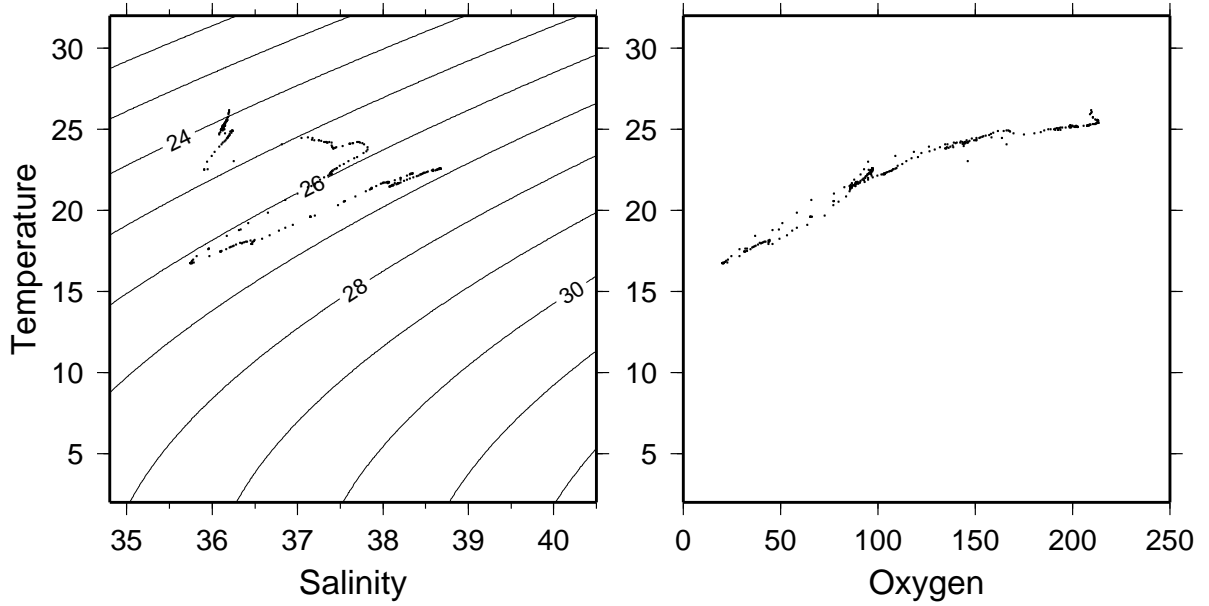
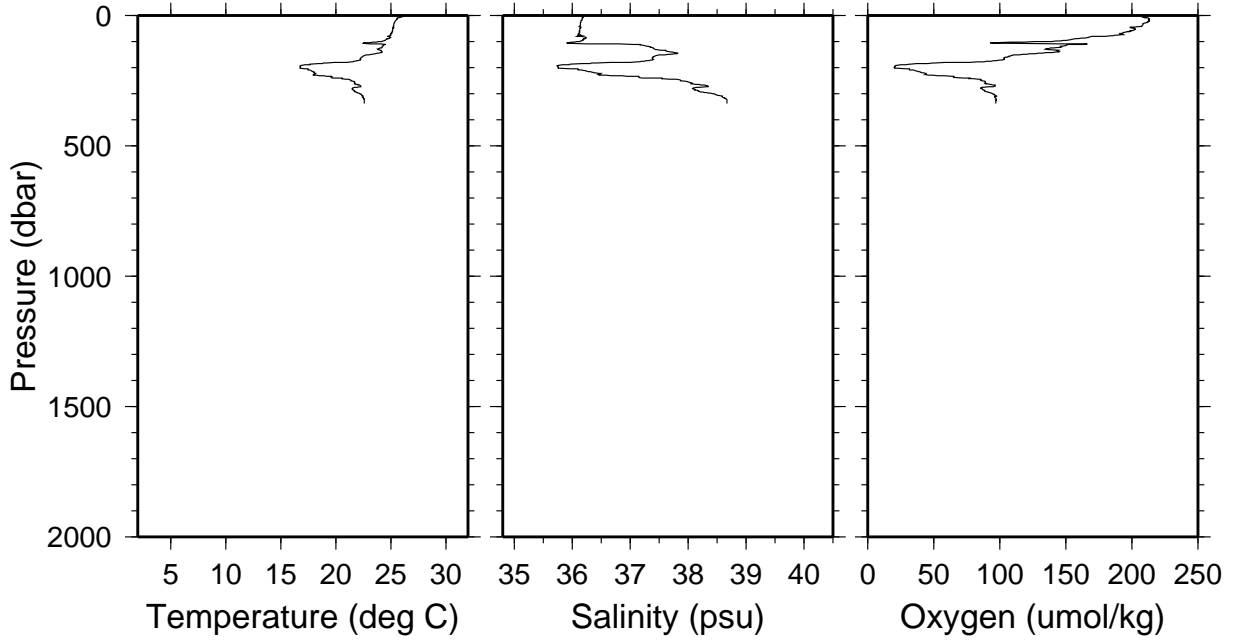


Redsox-1 **Station 074**
Latitude: 12° 12.28 N
Longitude: 043° 38.72 E
Date: 23-02-2001 1344 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.584	25.582	36.169	212.1	24.046
20	25.409	25.404	36.150	213.3	24.087
30	25.284	25.277	36.143	208.8	24.120
40	25.212	25.203	36.127	207.5	24.131
50	25.173	25.162	36.133	201.7	24.148
60	25.143	25.129	36.127	198.9	24.153
70	24.998	24.983	36.104	190.6	24.181
80	24.674	24.656	36.083	175.0	24.264
90	24.653	24.634	36.201	157.0	24.361
100	24.071	24.050	36.111	134.5	24.468
110	24.468	24.445	37.048	163.8	25.059
120	24.202	24.177	37.337	146.1	25.359
130	23.809	23.781	37.418	135.2	25.539
140	24.212	24.182	37.719	143.6	25.647
150	23.026	22.995	37.596	114.6	25.906
160	22.362	22.330	37.394	104.8	25.944
170	22.231	22.197	37.389	102.6	25.978
180	20.654	20.619	36.859	65.9	26.013
190	16.966	16.934	35.779	22.9	26.128
200	16.734	16.701	35.753	19.9	26.163
250	21.370	21.321	37.868	85.6	26.590
300	22.206	22.145	38.437	94.6	26.790

Redsox-1 Station 074
Latitude: 12 12.28 N
Longitude: 043 38.72 E
Date: 23-02-2001
Time: 1344 GMT

Rsx1-074



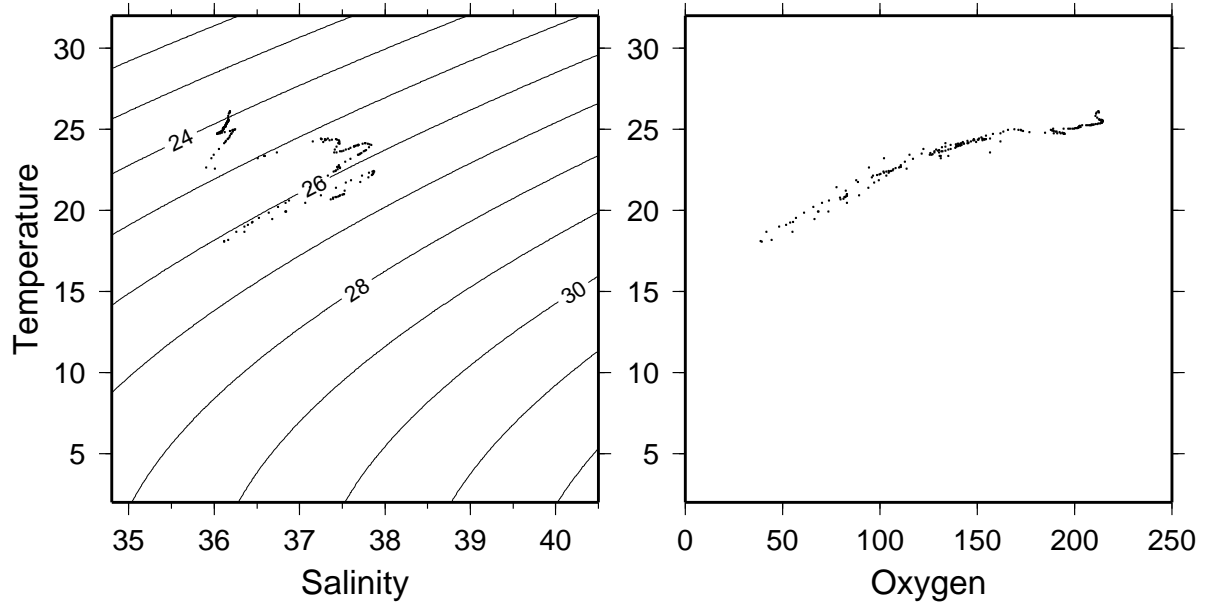
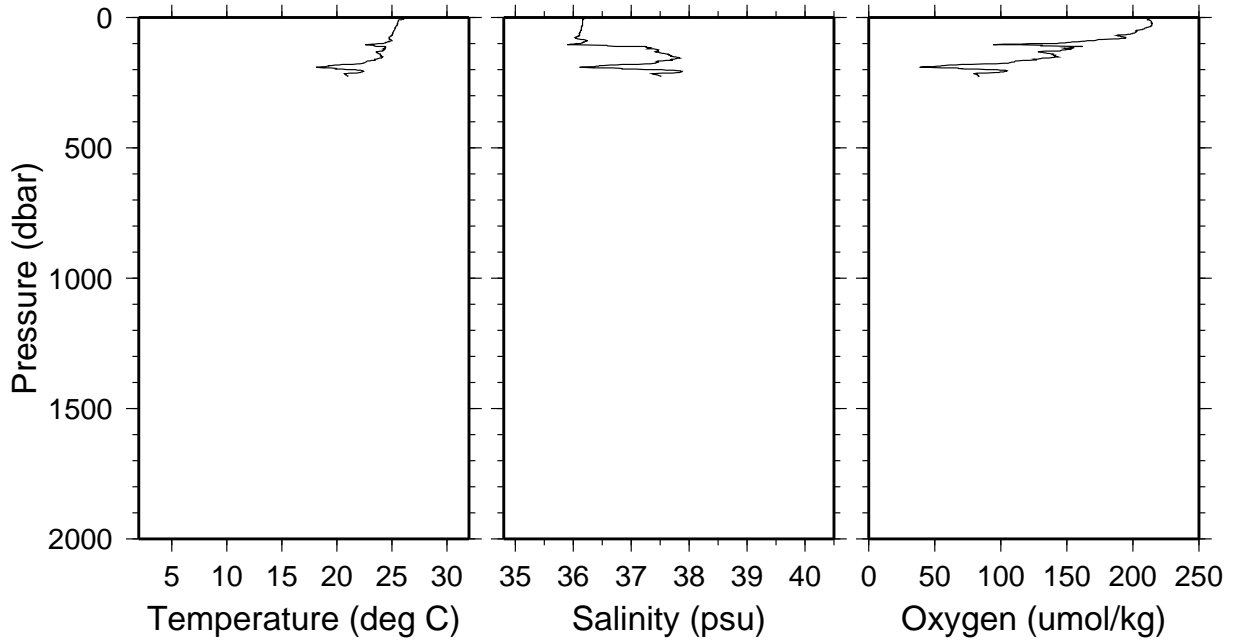
Redsox-1 **Station 075**
Latitude: 12° 12.02 N
Longitude: 043° 36.00 E
Date: 23-02-2001 1500 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.615	25.613	36.163	212.4	24.032
20	25.528	25.523	36.163	214.2	24.059
30	25.450	25.443	36.155	213.9	24.078
40	25.291	25.282	36.139	209.4	24.116
50	25.194	25.183	36.134	202.5	24.143
60	25.080	25.067	36.109	201.0	24.159
70	24.928	24.913	36.097	188.7	24.197
80	24.735	24.718	36.047	192.9	24.219
90	24.953	24.933	36.238	165.8	24.298
100	24.146	24.125	36.117	133.7	24.450
110	23.572	23.548	36.731	156.5	25.087
120	24.308	24.283	37.354	152.6	25.340
130	23.938	23.911	37.436	133.5	25.514
140	23.938	23.908	37.636	139.3	25.666
150	24.097	24.065	37.735	143.3	25.694
160	23.529	23.495	37.722	125.9	25.854
170	22.665	22.630	37.462	110.5	25.910
180	20.602	20.567	36.877	73.8	26.042
190	18.106	18.073	36.114	38.8	26.107
200	21.405	21.366	37.429	94.2	26.243

Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Bottle Data	
				Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
226.0	1	21.018	20.974	37.538	83.0
100.8	2	23.559	23.538	36.070	128.6
50.7	3	25.224	25.213	36.149	201.5
2.5	4	26.039	26.038	36.197	212.0

Redsox-1 Station 075
Latitude: 12 12.02 N
Longitude: 043 36.00 E
Date: 23-02-2001
Time: 1500 GMT

Rsx1-075

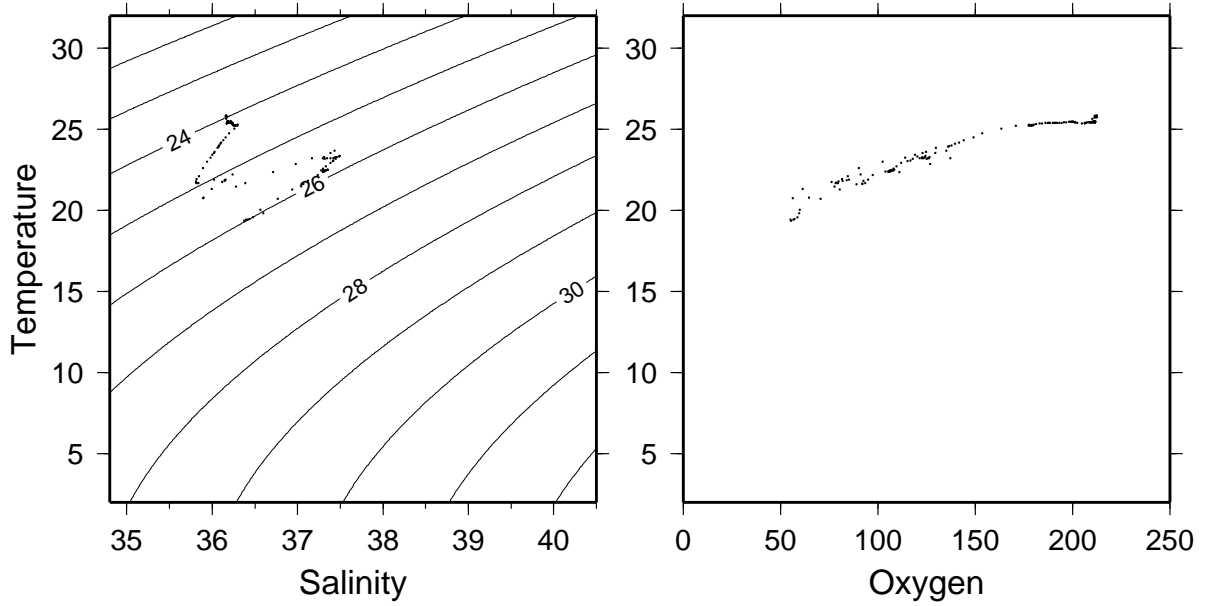
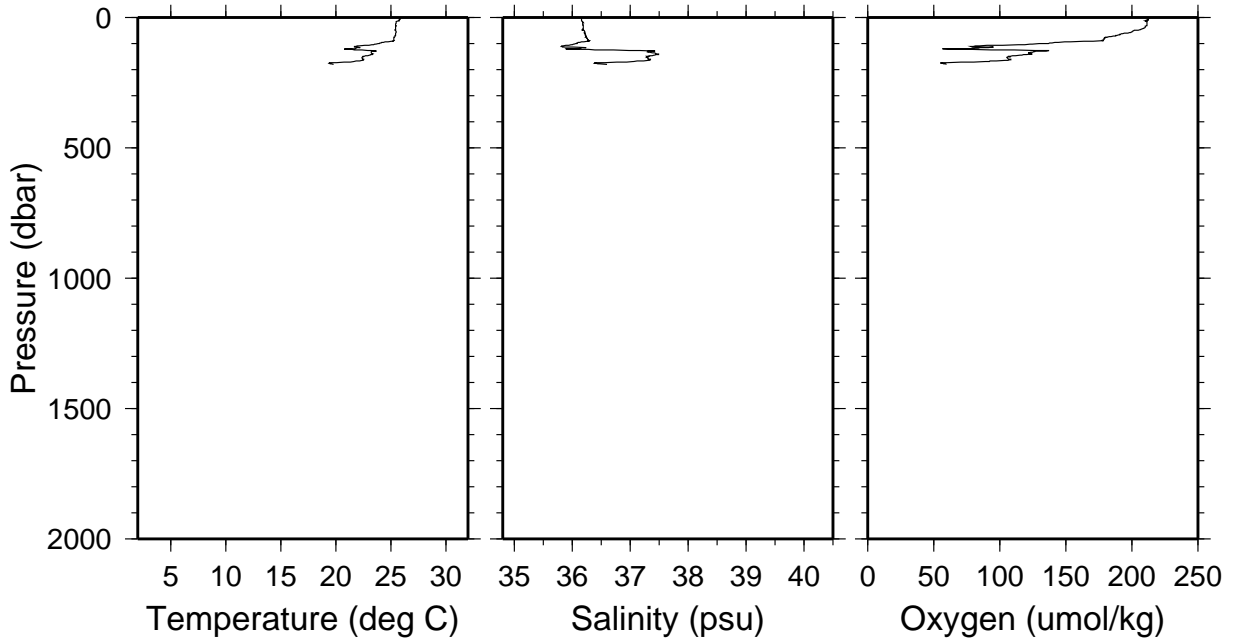


Redsox-1 **Station 076**
Latitude: 12° 11.94 N
Longitude: 043° 32.46 E
Date: 23-02-2001 1617 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.744	25.741	36.161	212.4	23.990
20	25.466	25.462	36.186	211.4	24.096
30	25.444	25.438	36.187	211.3	24.104
40	25.431	25.422	36.186	209.3	24.108
50	25.428	25.417	36.204	201.6	24.123
60	25.429	25.416	36.217	195.6	24.134
70	25.387	25.371	36.234	187.7	24.160
80	25.243	25.225	36.254	179.0	24.220
90	25.283	25.264	36.297	177.7	24.241
100	23.932	23.911	36.077	135.9	24.483
110	21.784	21.763	35.809	79.7	24.899
120	21.319	21.295	35.996	61.2	25.171
130	23.281	23.254	37.310	126.4	25.612
140	23.295	23.266	37.460	124.2	25.723
150	22.456	22.426	37.295	107.4	25.841
160	22.459	22.427	37.332	107.8	25.869
170	21.617	21.584	37.052	89.1	25.895

Redsox-1 Station 076
Latitude: 12 11.94 N
Longitude: 043 32.46 E
Date: 23-02-2001
Time: 1617 GMT

Rsx1-076



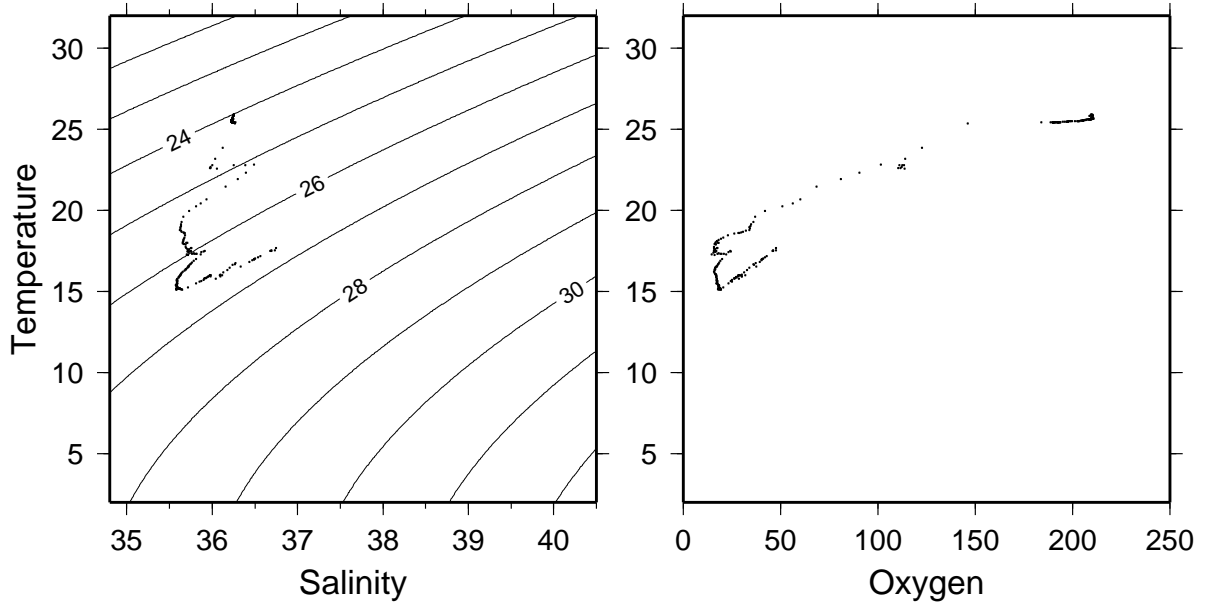
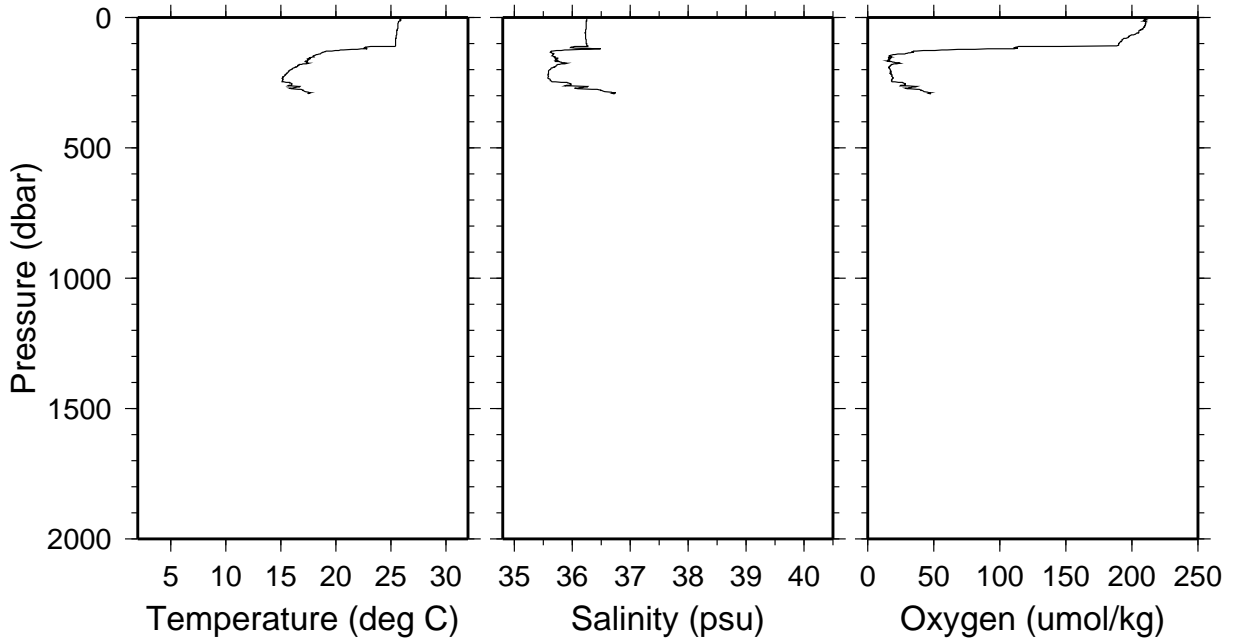
Redsox-1 **Station 077**
Latitude: 12° 26.15 N
Longitude: 043° 42.72 E
Date: 23-02-2001 2013 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.910	25.908	36.253	209.4	24.008
20	25.660	25.656	36.241	210.7	24.077
30	25.635	25.628	36.242	210.0	24.087
40	25.613	25.605	36.239	208.8	24.092
50	25.552	25.541	36.226	205.5	24.101
60	25.522	25.509	36.223	204.1	24.109
70	25.488	25.473	36.230	198.4	24.126
80	25.449	25.431	36.229	194.8	24.138
90	25.431	25.411	36.240	192.6	24.153
100	25.414	25.392	36.245	190.2	24.163
110	25.354	25.330	36.268	146.3	24.198
120	22.824	22.799	36.487	101.5	25.120
130	19.126	19.102	35.637	34.8	25.482
140	18.574	18.549	35.677	26.3	25.653
150	17.984	17.958	35.696	18.2	25.816
160	17.504	17.477	35.715	15.7	25.948
170	17.347	17.319	35.781	18.2	26.037
180	16.795	16.766	35.763	18.5	26.156
190	16.372	16.341	35.692	16.3	26.201
200	15.945	15.913	35.618	17.0	26.243
250	15.783	15.743	35.908	26.2	26.505

Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Bottle Data	
				Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
292.3	1	17.632	17.582	36.739	48.4
249.3	2	15.701	15.662	35.875	26.0
201.1	3	15.904	15.872	35.626	19.6
149.6	4	17.913	17.887	35.668	15.0
101.1	5	25.421	25.399	36.266	187.2
51.1	6	25.547	25.536	36.236	203.9
1.6	7	25.885	25.885	36.264	210.0

Redsox-1 Station 077
Latitude: 12 26.15 N
Longitude: 043 42.72 E
Date: 23-02-2001
Time: 2013 GMT

Rsx1-077

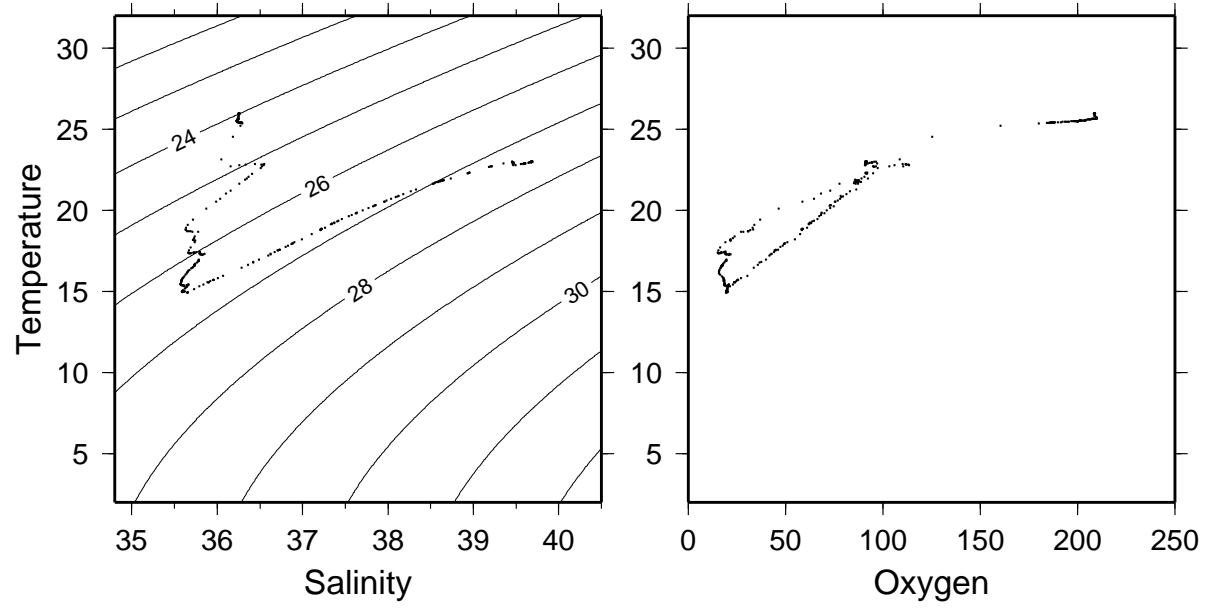
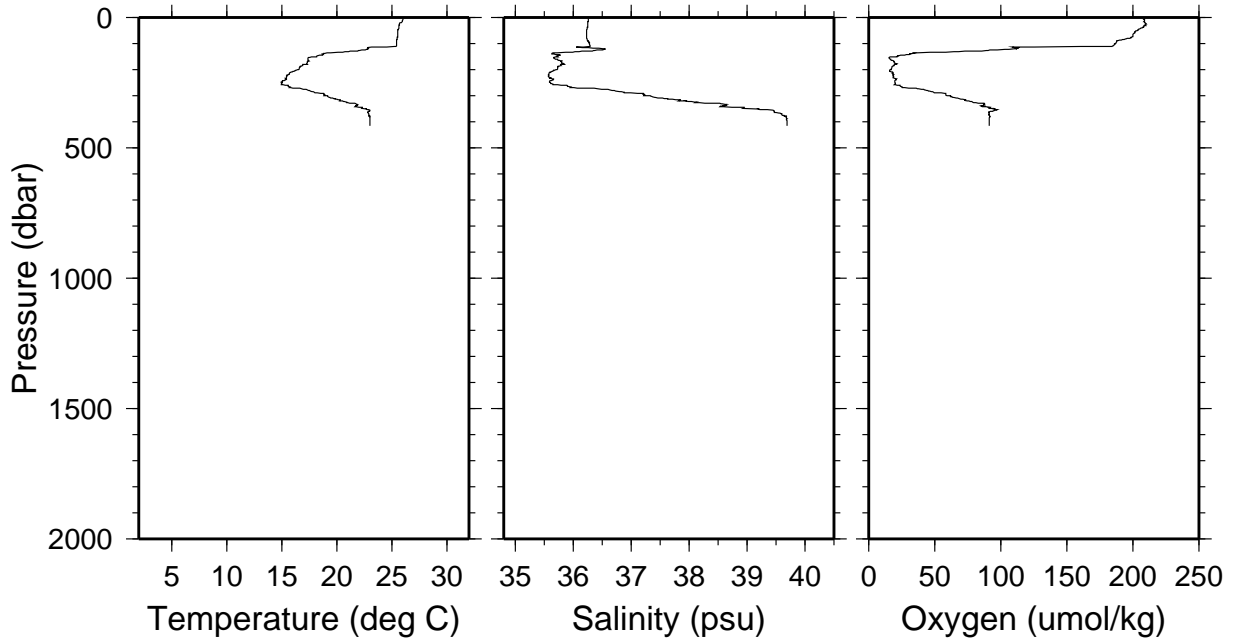


Redsox-1 **Station 078**
Latitude: 12° 25.20 N
Longitude: 043° 42.20 E
Date: 23-02-2001 2134 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.975	25.973	36.256	208.6	23.990
20	25.809	25.805	36.249	208.7	24.037
30	25.655	25.648	36.247	209.4	24.084
40	25.625	25.616	36.244	206.8	24.092
50	25.539	25.528	36.230	203.6	24.109
60	25.521	25.507	36.235	201.1	24.118
70	25.507	25.491	36.232	199.9	24.122
80	25.485	25.468	36.232	196.6	24.129
90	25.409	25.389	36.263	187.8	24.177
100	25.417	25.395	36.280	186.7	24.188
110	25.386	25.362	36.291	184.3	24.206
120	22.828	22.803	36.535	112.1	25.155
130	21.215	21.190	36.154	72.9	25.320
140	18.723	18.699	35.649	30.7	25.594
150	18.144	18.118	35.742	21.6	25.811
160	17.378	17.351	35.720	16.8	25.983
170	17.309	17.281	35.800	19.3	26.061
180	16.962	16.932	35.784	19.6	26.132
190	16.617	16.586	35.731	17.5	26.174
200	16.471	16.438	35.708	16.7	26.191
250	14.973	14.935	35.596	19.9	26.446
300	18.937	18.882	37.261	61.0	26.781
350	22.677	22.605	39.186	95.5	27.228
400	22.994	22.910	39.687	91.3	27.519

Redsox-1 Station 078
Latitude: 12 25.20 N
Longitude: 043 42.20 E
Date: 23-02-2001
Time: 2134 GMT

Rsx1-078

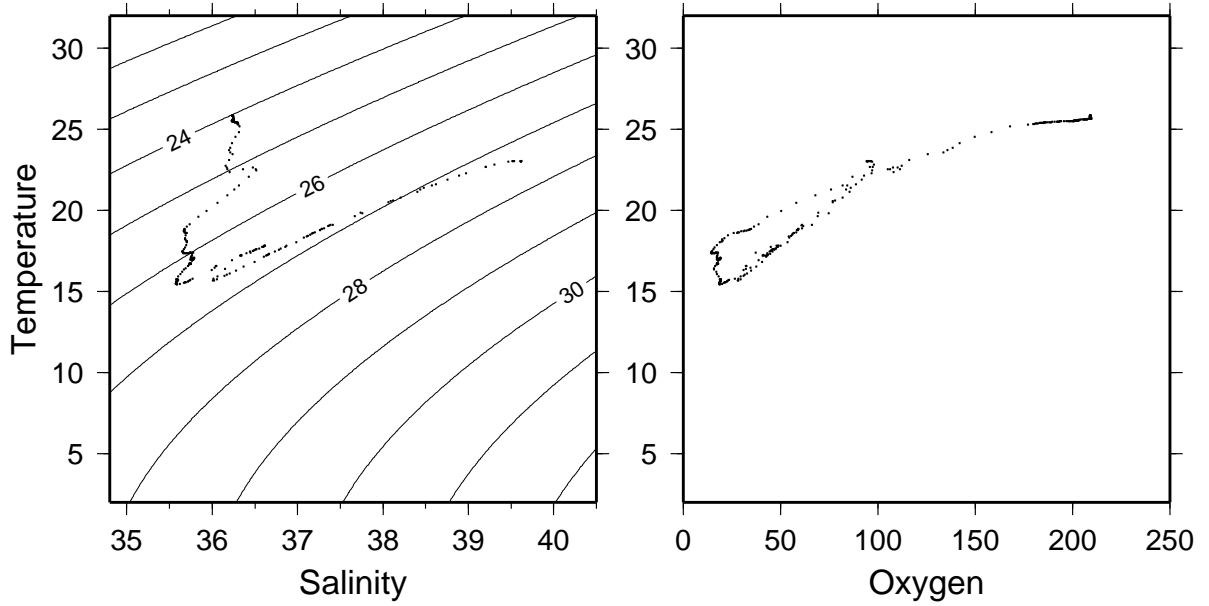
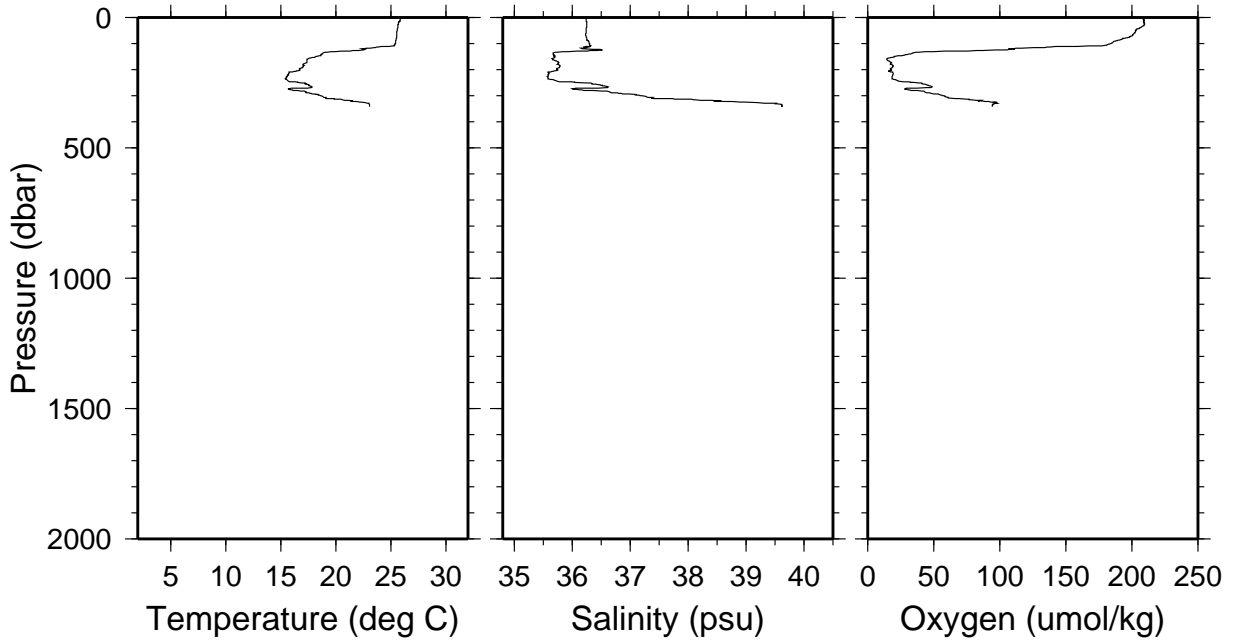


Redsox-1 **Station 079**
Latitude: 12° 23.99 N
Longitude: 043° 41.64 E
Date: 23-02-2001 2254 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.839	25.837	36.241	209.0	24.021
20	25.681	25.677	36.247	209.5	24.075
30	25.640	25.634	36.248	209.1	24.089
40	25.611	25.602	36.244	206.1	24.097
50	25.558	25.547	36.238	203.2	24.109
60	25.533	25.519	36.236	201.7	24.116
70	25.516	25.501	36.235	200.1	24.121
80	25.483	25.465	36.253	193.4	24.146
90	25.443	25.423	36.276	188.1	24.176
100	25.387	25.365	36.292	184.0	24.206
110	24.808	24.784	36.312	158.4	24.399
120	22.550	22.526	36.176	106.4	24.962
130	20.478	20.453	36.065	58.1	25.453
140	18.732	18.707	35.666	31.5	25.605
150	18.136	18.110	35.694	20.2	25.776
160	17.393	17.366	35.659	14.4	25.932
170	17.378	17.350	35.746	16.8	26.003
180	16.981	16.951	35.752	17.7	26.103
190	17.025	16.994	35.784	19.0	26.118
200	16.717	16.685	35.748	17.9	26.163
250	16.451	16.410	36.026	34.5	26.442
300	18.604	18.551	37.182	56.9	26.806

Redsox-1 Station 079
Latitude: 12 23.99 N
Longitude: 043 41.64 E
Date: 23-02-2001
Time: 2254 GMT

Rsx1-079

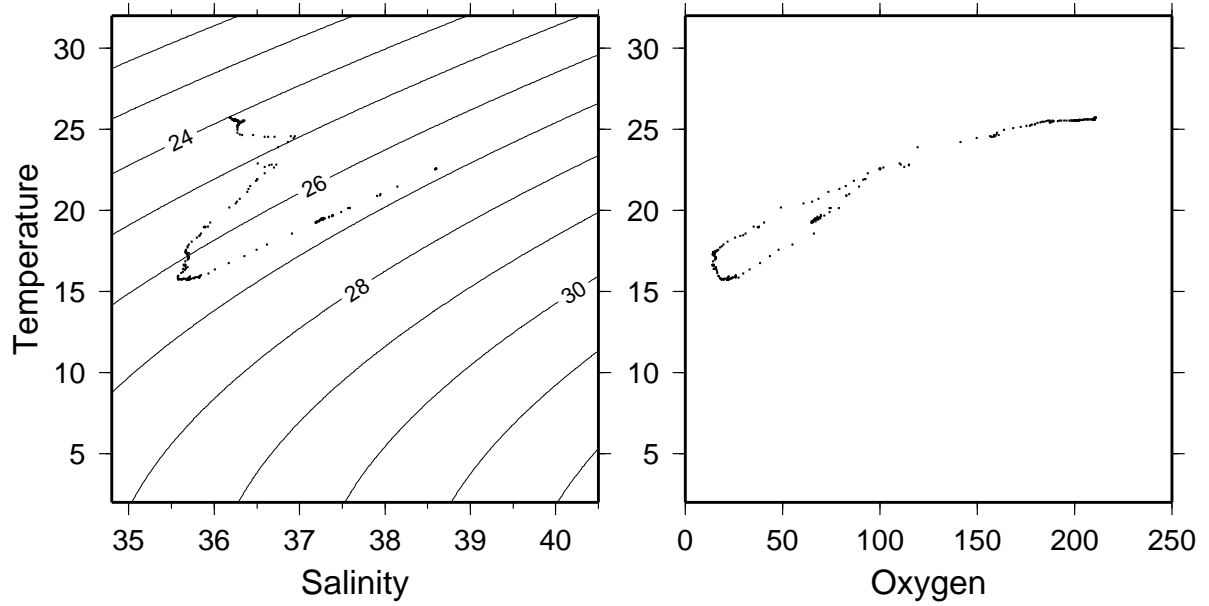
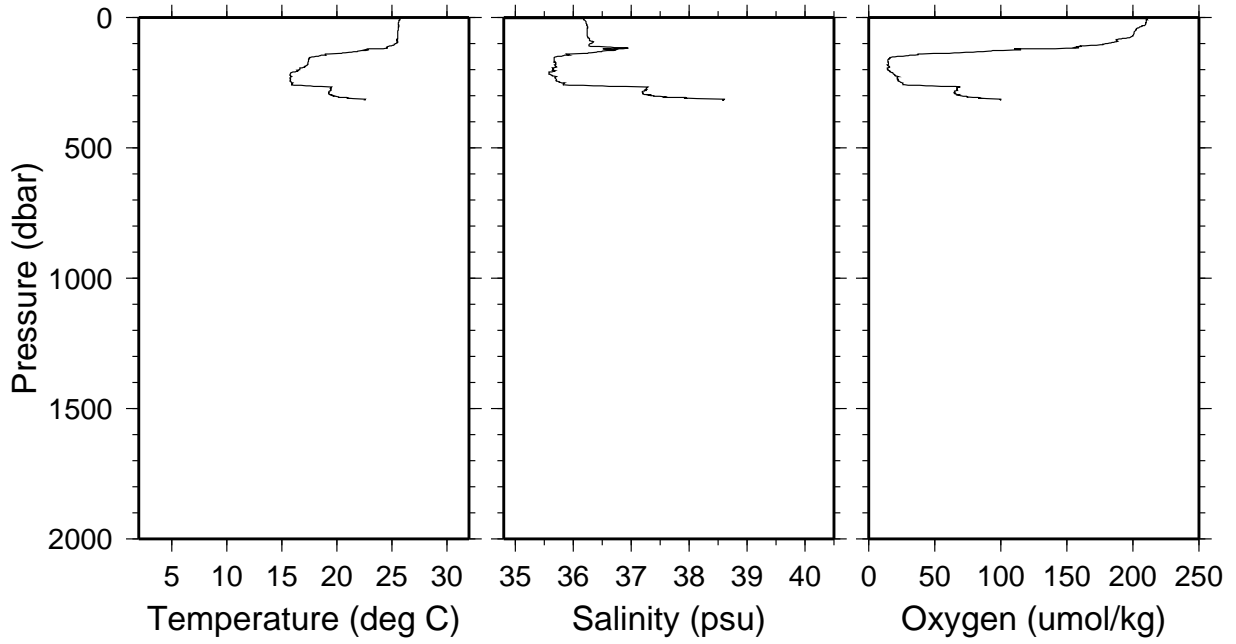


Redsox-1 **Station 080**
Latitude: 12° 22.01 N
Longitude: 043° 40.50 E
Date: 24-02-2001 0015 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.713	25.711	36.187	210.3	24.020
20	25.599	25.595	36.223	209.8	24.082
30	25.608	25.602	36.238	208.8	24.092
40	25.583	25.575	36.245	204.0	24.105
50	25.553	25.542	36.241	202.1	24.113
60	25.534	25.521	36.240	200.7	24.119
70	25.533	25.518	36.242	199.9	24.121
80	25.538	25.521	36.277	193.2	24.147
90	25.459	25.439	36.295	187.9	24.185
100	25.335	25.313	36.295	179.6	24.224
110	24.683	24.659	36.302	159.8	24.429
120	23.884	23.859	36.748	119.4	25.007
130	21.901	21.875	36.501	91.3	25.395
140	19.017	18.992	35.895	37.8	25.708
150	17.897	17.871	35.699	19.7	25.840
160	17.469	17.442	35.671	15.0	25.923
170	17.405	17.377	35.677	14.4	25.944
180	17.348	17.318	35.695	14.7	25.972
190	17.039	17.007	35.698	15.7	26.049
200	16.613	16.581	35.665	14.5	26.124
250	15.847	15.808	35.775	24.5	26.388
300	19.656	19.601	37.377	69.6	26.682

Redsox-1 Station 080
Latitude: 12 22.01 N
Longitude: 043 40.50 E
Date: 24-02-2001
Time: 0015 GMT

Rsx1-080



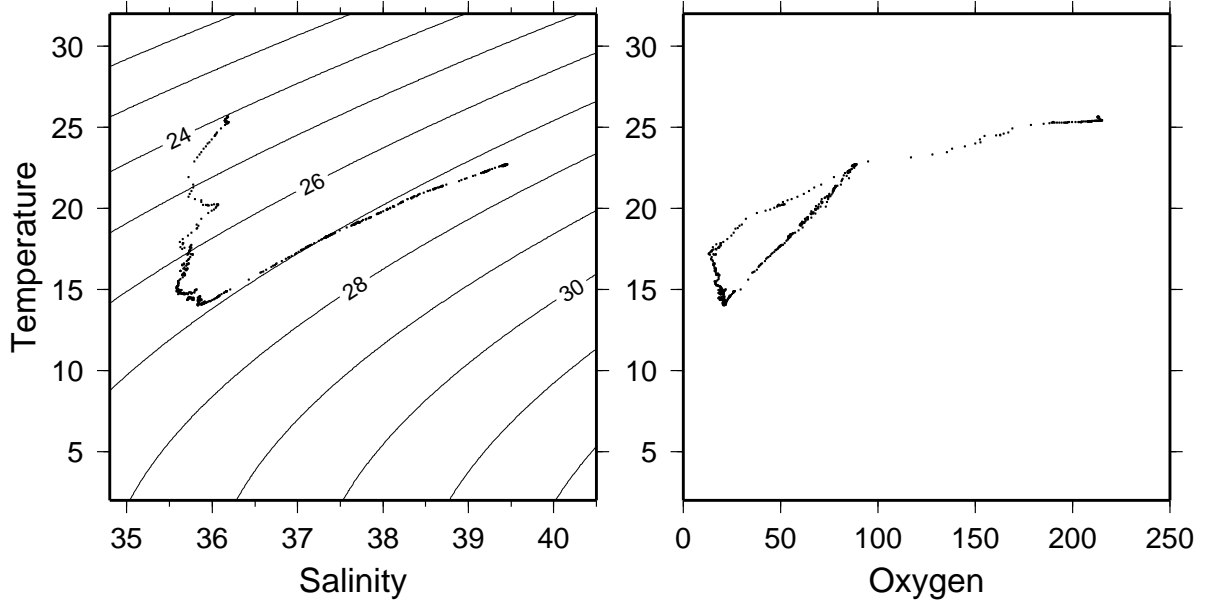
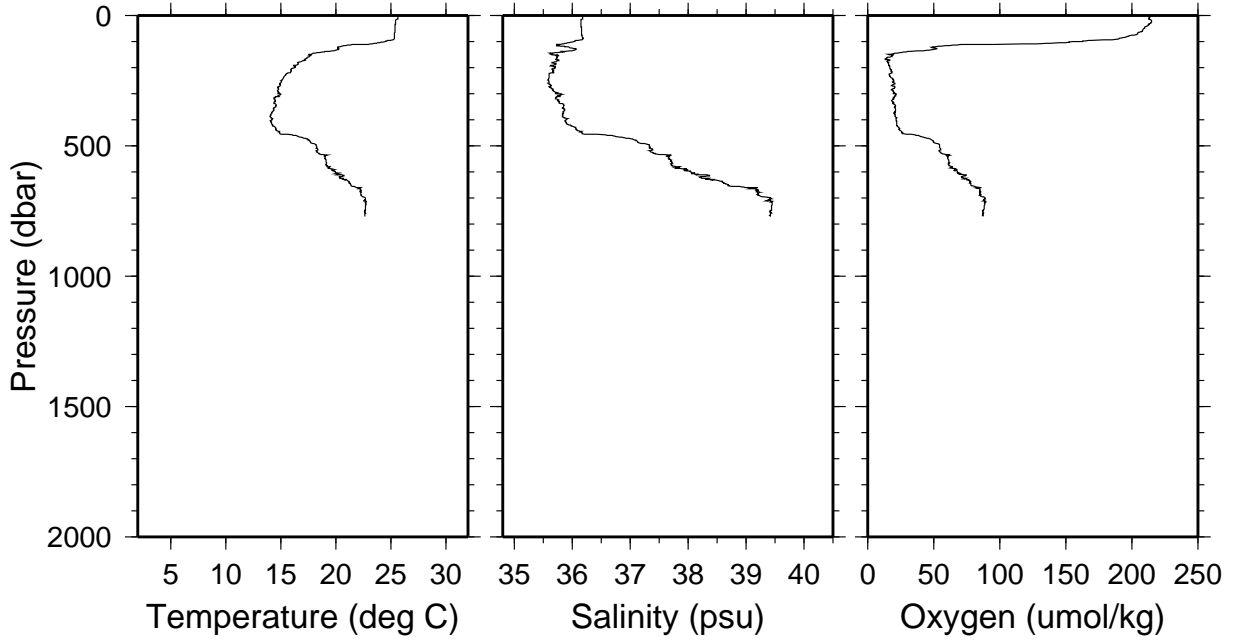
Redsox-1 **Station 081**
Latitude: 12° 16.97 N
Longitude: 044° 14.72 E
Date: 24-02-2001 0447 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.651	25.649	36.183	213.1	24.036
20	25.442	25.437	36.149	214.9	24.076
30	25.403	25.397	36.148	213.6	24.088
40	25.390	25.381	36.151	211.6	24.094
50	25.363	25.352	36.159	209.0	24.109
60	25.359	25.346	36.162	208.2	24.113
70	25.334	25.318	36.162	204.4	24.122
80	25.298	25.280	36.168	197.1	24.139
90	25.296	25.276	36.189	189.7	24.155
100	24.513	24.492	36.038	160.8	24.280
110	22.907	22.884	35.788	94.8	24.565
120	20.229	20.207	35.892	49.2	25.387
130	20.220	20.196	36.069	50.7	25.525
140	18.801	18.776	35.823	27.8	25.707
150	17.515	17.489	35.648	16.5	25.894
160	17.452	17.425	35.744	15.4	25.983
170	17.176	17.147	35.753	15.5	26.057
180	16.522	16.493	35.650	15.5	26.133
190	16.345	16.315	35.673	15.9	26.192
200	16.205	16.172	35.691	16.6	26.240
250	15.039	15.001	35.586	19.9	26.424
300	14.821	14.775	35.750	20.4	26.600
350	14.506	14.453	35.850	20.5	26.748
400	14.186	14.127	35.895	21.6	26.852
450	14.893	14.824	36.168	26.2	26.912
500	18.226	18.137	37.330	54.4	27.023
550	19.034	18.933	37.674	61.2	27.084
600	19.941	19.827	38.050	68.0	27.136
650	21.367	21.238	38.690	78.2	27.240
700	22.667	22.521	39.416	88.3	27.427
750	22.614	22.458	39.407	86.8	27.439

Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Bottle Data	
				Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
768.8	1	22.601	22.441	39.414	89.3
766.1	2	22.669	22.510	39.431	89.0
533.2	3	18.674	18.578	37.504	58.3
412.3	4	14.064	14.003	35.887	23.4
200.8	5	15.989	15.957	35.648	21.8
48.7	6	25.358	25.347	36.172	210.1
1.5	7	25.610	25.610	36.182	218.7

Redsox-1 Station 081
Latitude: 12 16.97 N
Longitude: 044 14.72 E
Date: 24-02-2001
Time: 0447 GMT

Rsx1-081

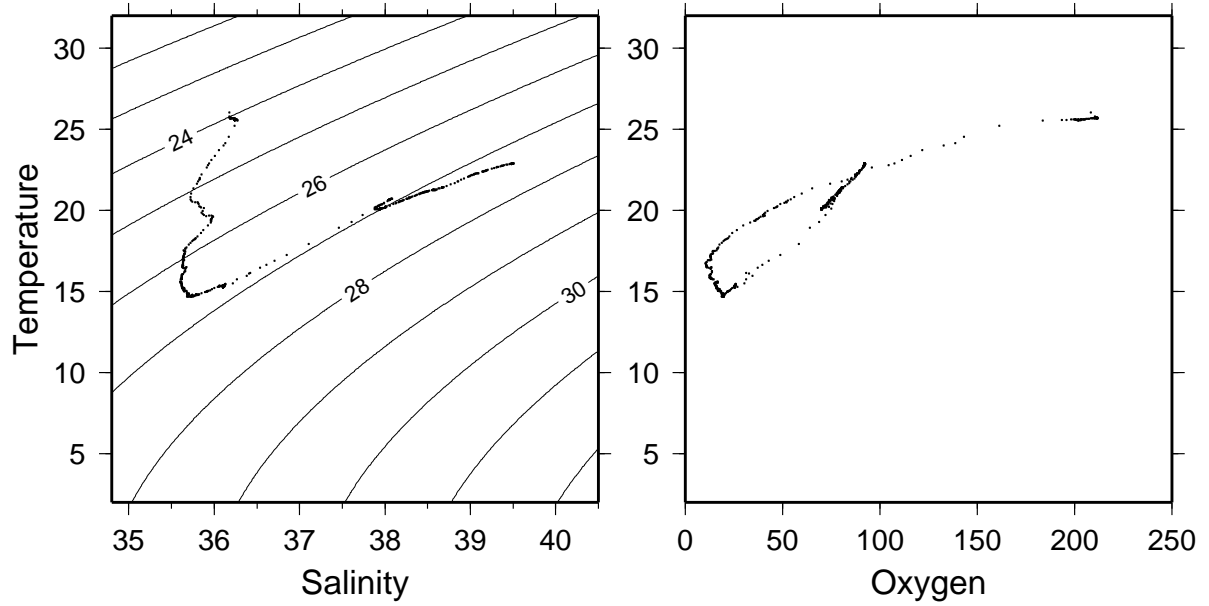
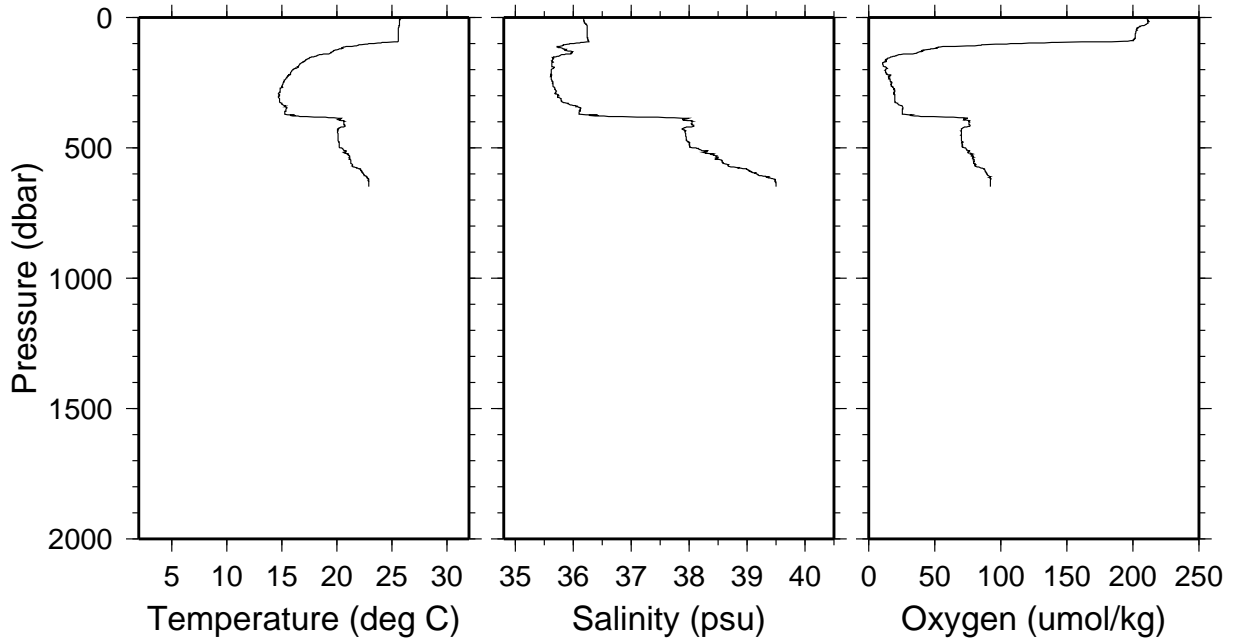


Redsox-1 **Station 082**
Latitude: 12° 20.83 N
Longitude: 044° 8.19 E
Date: 24-02-2001 0903 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.709	25.707	36.183	211.5	24.018
20	25.666	25.662	36.194	211.3	24.040
30	25.662	25.655	36.239	208.2	24.076
40	25.597	25.588	36.241	203.4	24.098
50	25.560	25.549	36.236	202.5	24.107
60	25.564	25.551	36.239	202.1	24.108
70	25.564	25.549	36.240	201.7	24.110
80	25.584	25.566	36.248	201.5	24.111
90	25.591	25.571	36.261	198.2	24.118
100	23.094	23.073	35.965	111.4	24.645
110	21.342	21.321	35.760	65.3	24.985
120	20.243	20.220	35.825	47.3	25.333
130	19.684	19.660	35.965	40.7	25.587
140	19.076	19.051	35.930	29.9	25.719
150	17.909	17.883	35.704	17.7	25.840
160	17.304	17.277	35.651	13.5	25.948
170	16.930	16.902	35.643	12.9	26.031
180	16.622	16.592	35.635	10.6	26.098
190	16.453	16.422	35.664	13.3	26.160
200	16.016	15.984	35.624	12.6	26.231
250	15.142	15.104	35.650	17.5	26.450
300	14.777	14.732	35.744	19.8	26.605
350	15.388	15.333	36.117	25.7	26.759
400	20.657	20.580	38.055	76.1	26.937
450	20.089	20.004	37.944	70.0	27.009
500	20.386	20.290	38.099	72.9	27.049
550	21.271	21.162	38.568	79.7	27.168
600	22.420	22.296	39.166	89.5	27.302

Redsox-1 Station 082
Latitude: 12 20.83 N
Longitude: 044 08.19 E
Date: 24-02-2001
Time: 0903 GMT

Rsx1-082



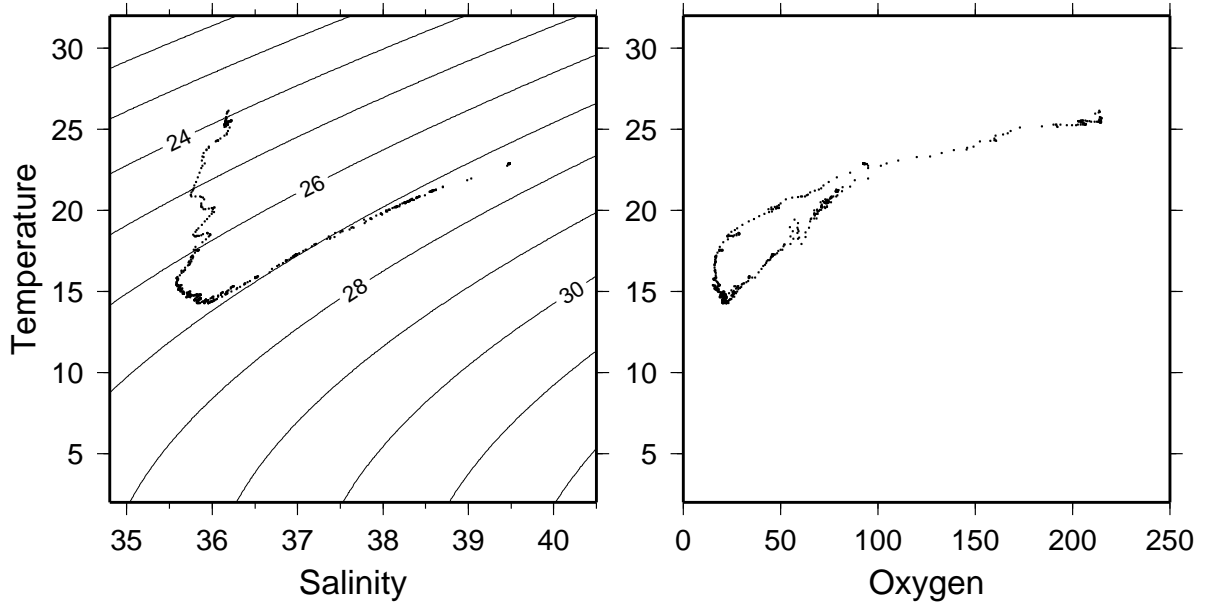
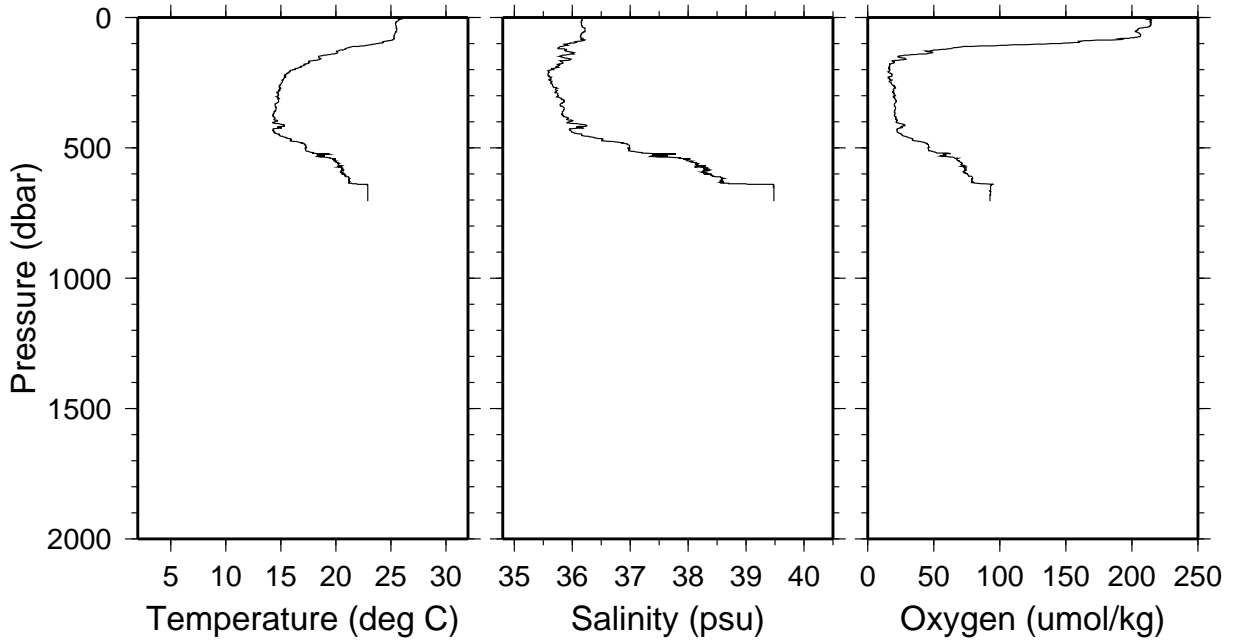
Redsox-1 **Station 083**
Latitude: 12° 18.32 N
Longitude: 044° 13.54 E
Date: 24-02-2001 1114 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.691	25.689	36.166	214.7	24.010
20	25.455	25.450	36.155	214.5	24.076
30	25.448	25.442	36.164	213.9	24.086
40	25.507	25.498	36.208	207.4	24.101
50	25.508	25.497	36.216	203.6	24.108
60	25.371	25.358	36.167	205.5	24.114
70	25.297	25.282	36.145	206.4	24.121
80	25.273	25.255	36.171	193.8	24.149
90	24.692	24.673	36.168	164.2	24.324
100	23.754	23.733	35.936	145.4	24.429
110	22.020	21.998	35.834	78.9	24.852
120	20.862	20.840	35.807	61.1	25.152
130	20.079	20.054	35.897	43.8	25.432
140	19.785	19.759	35.997	41.7	25.586
150	18.403	18.376	35.796	22.6	25.788
160	18.528	18.500	35.972	29.0	25.892
170	17.532	17.503	35.814	19.5	26.018
180	17.158	17.128	35.759	16.4	26.066
190	16.863	16.832	35.760	16.6	26.138
200	16.228	16.195	35.663	16.5	26.212
250	15.085	15.046	35.635	17.3	26.451
300	14.784	14.738	35.759	20.3	26.615
350	14.581	14.529	35.864	21.1	26.742
400	14.466	14.406	35.953	21.5	26.837
450	14.844	14.775	36.160	25.7	26.916
500	17.277	17.191	36.980	45.6	26.989
550	19.933	19.829	38.049	69.2	27.136
600	20.510	20.394	38.266	75.9	27.149
650	22.873	22.737	39.474	93.0	27.409
700	22.879	22.733	39.476	92.5	27.411

Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Bottle Data	
				Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
700.7	1	22.888	22.741	39.471	94.5
402.6	2	14.576	14.515	36.017	24.1
201.9	3	15.939	15.907	35.653	18.3
100.8	4	23.261	23.240	35.926	128.3
50.4	5	25.495	25.484	36.224	203.0
1.3	6	25.928	25.928	36.187	217.7

Redsox-1 Station 083
Latitude: 12 18.32 N
Longitude: 044 13.54 E
Date: 24-02-2001
Time: 1114 GMT

Rsx1-083

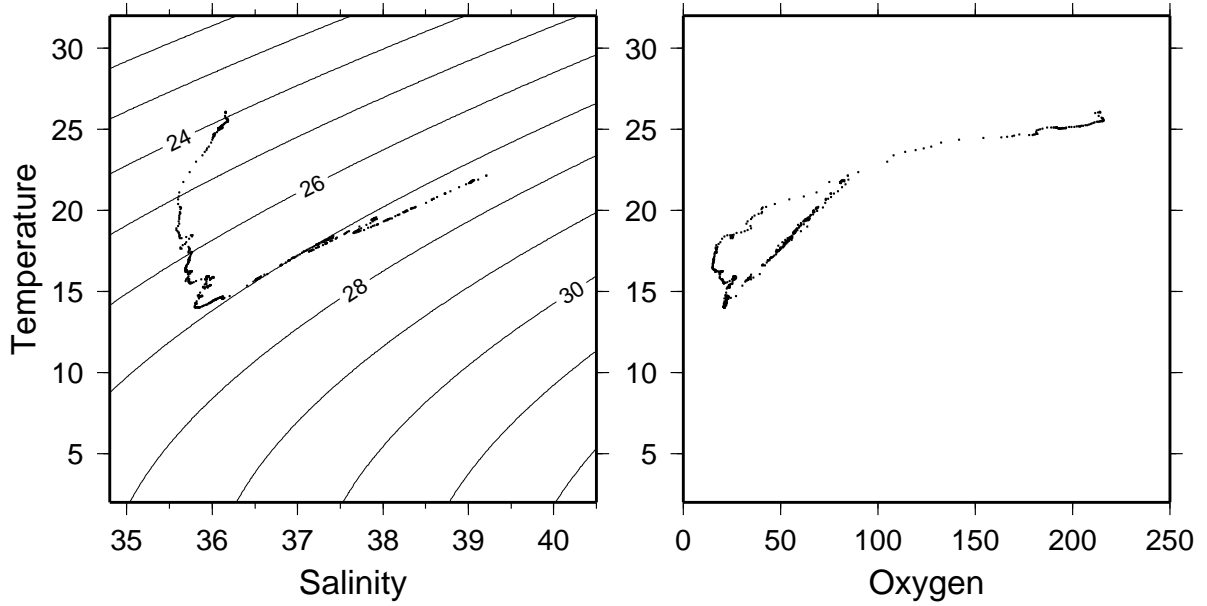
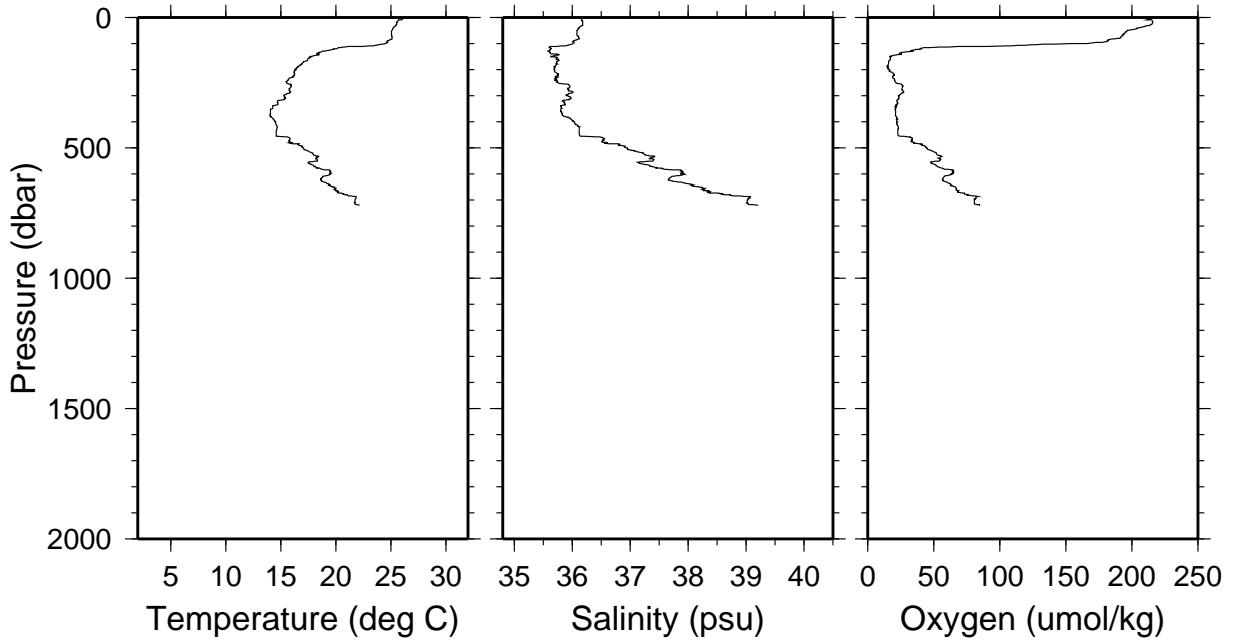


Redsox-1 **Station 084**
Latitude: 12° 13.50 N
Longitude: 044° 16.57 E
Date: 24-02-2001 1406 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.699	25.696	36.159	214.8	24.002
20	25.534	25.529	36.183	215.7	24.073
30	25.472	25.466	36.176	213.1	24.088
40	25.209	25.200	36.111	204.5	24.120
50	25.083	25.072	36.081	196.5	24.137
60	25.056	25.043	36.077	194.9	24.143
70	25.056	25.041	36.085	193.0	24.149
80	25.108	25.091	36.120	190.1	24.160
90	24.708	24.689	36.024	181.9	24.210
100	24.501	24.479	36.010	163.3	24.263
110	22.356	22.334	35.735	90.0	24.682
120	19.901	19.879	35.623	40.6	25.269
130	18.801	18.778	35.579	33.1	25.521
140	18.367	18.343	35.699	25.7	25.722
150	17.650	17.625	35.626	16.8	25.844
160	17.410	17.383	35.744	17.0	25.993
170	17.065	17.036	35.734	15.8	26.069
180	16.837	16.807	35.726	15.4	26.117
190	16.516	16.485	35.696	15.1	26.171
200	16.338	16.306	35.699	16.5	26.215
250	15.518	15.479	35.755	21.1	26.447
300	15.255	15.209	35.903	23.4	26.622
350	14.144	14.092	35.795	20.8	26.782
400	14.477	14.417	36.028	22.2	26.892
450	14.559	14.491	36.123	22.9	26.950
500	17.059	16.975	36.944	44.8	27.014
550	18.294	18.196	37.395	53.7	27.058
600	19.396	19.285	37.873	63.6	27.145
650	19.718	19.596	38.178	65.6	27.296
700	21.736	21.595	39.025	80.8	27.395

Redsox-1 Station 084
Latitude: 12 13.50 N
Longitude: 044 16.57 E
Date: 24-02-2001
Time: 1406 GMT

Rsx1-084



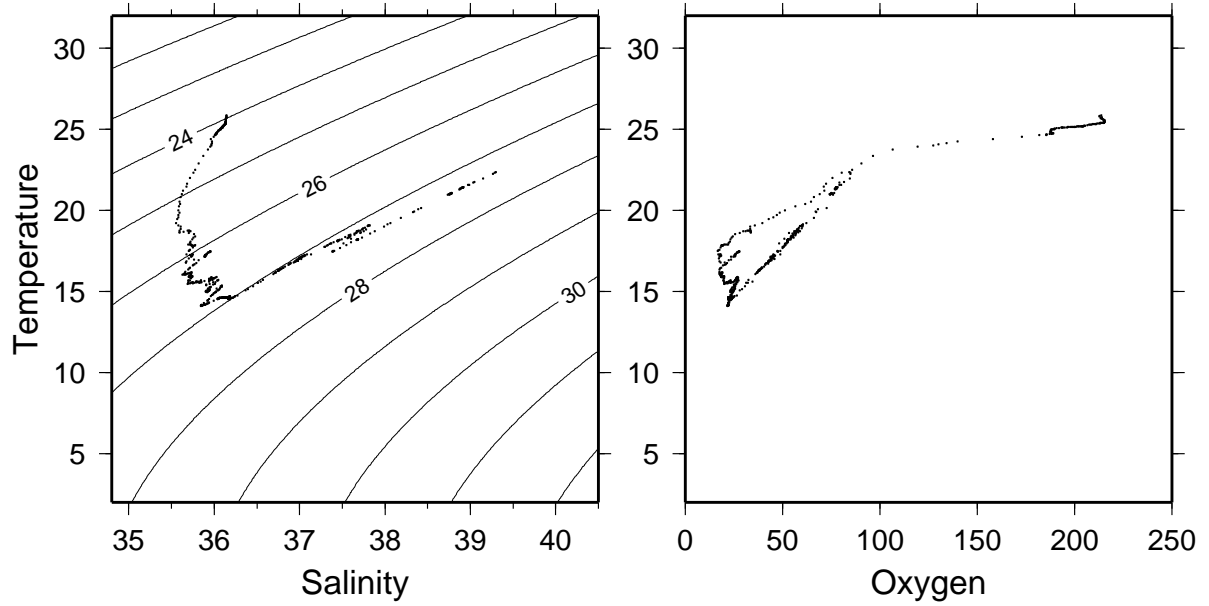
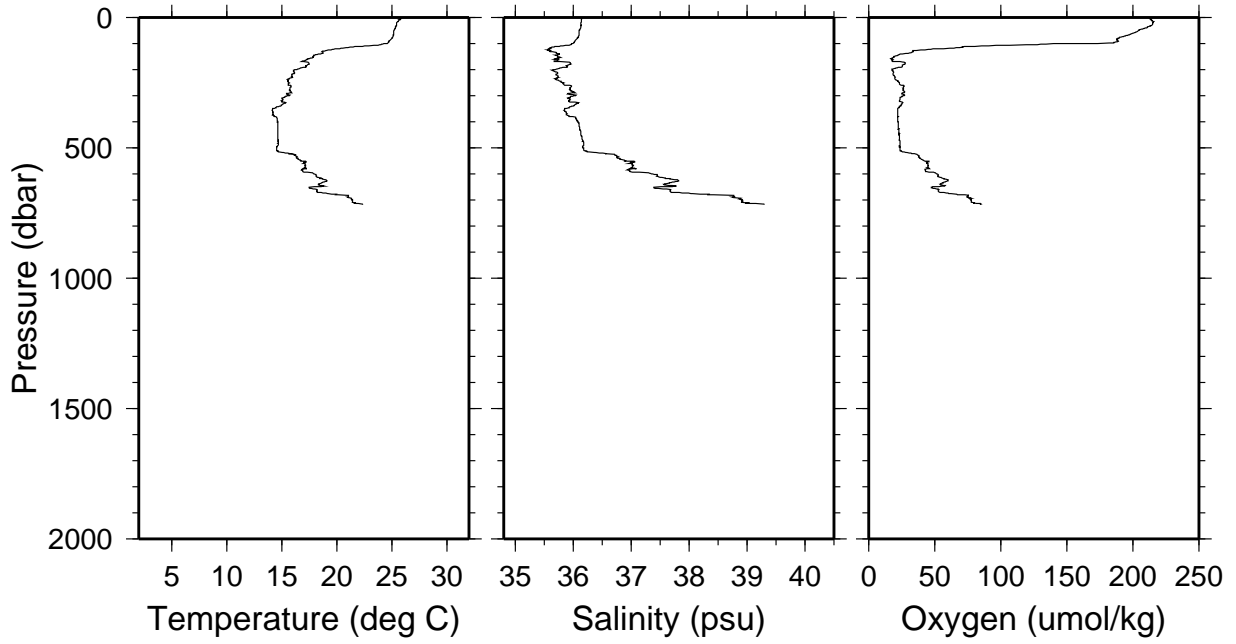
Redsox-1 **Station 085**
Latitude: 12° 11.02 N
Longitude: 044° 17.76 E
Date: 24-02-2001 1539 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.687	25.685	36.140	213.5	23.992
20	25.420	25.415	36.132	215.2	24.070
30	25.396	25.389	36.135	214.0	24.080
40	25.327	25.318	36.129	210.0	24.097
50	25.189	25.178	36.104	204.2	24.122
60	25.154	25.141	36.100	200.1	24.129
70	25.105	25.090	36.093	194.2	24.140
80	25.006	24.988	36.070	188.8	24.154
90	24.754	24.735	36.027	188.7	24.198
100	24.387	24.366	35.963	157.9	24.261
110	22.307	22.285	35.755	80.2	24.711
120	20.014	19.992	35.583	51.3	25.209
130	18.659	18.636	35.591	33.7	25.566
140	18.398	18.374	35.774	24.4	25.772
150	17.831	17.806	35.734	19.1	25.882
160	17.262	17.236	35.717	17.5	26.008
170	16.960	16.931	35.767	23.5	26.119
180	17.426	17.395	35.943	26.9	26.143
190	17.150	17.118	35.890	24.6	26.169
200	16.203	16.171	35.661	17.5	26.216
250	15.600	15.561	35.807	23.2	26.469
300	15.565	15.517	36.016	26.3	26.639
350	14.159	14.107	35.852	21.9	26.823
400	14.607	14.546	36.083	22.1	26.907
450	14.631	14.563	36.133	23.0	26.942
500	14.525	14.450	36.175	23.6	26.999
550	16.718	16.627	36.889	42.7	27.054
600	17.949	17.844	37.363	51.5	27.122
650	17.966	17.851	37.517	48.1	27.239
700	21.400	21.260	38.908	77.4	27.400

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
716.9	1	22.362	22.214	39.225	81.2
650.6	2	17.493	17.381	37.412	46.3
500.4	3	14.548	14.472	36.202	24.4
370.1	4	14.187	14.132	35.899	22.1
224.9	5	15.888	15.852	35.755	19.8
100.6	6	24.086	24.065	35.988	131.6
49.8	7	25.177	25.166	36.118	199.1
2.0	8	25.816	25.816	36.160	211.4

Redsox-1 Station 085
Latitude: 12 11.02 N
Longitude: 044 17.76 E
Date: 24-02-2001
Time: 1539 GMT

Rsx1-085

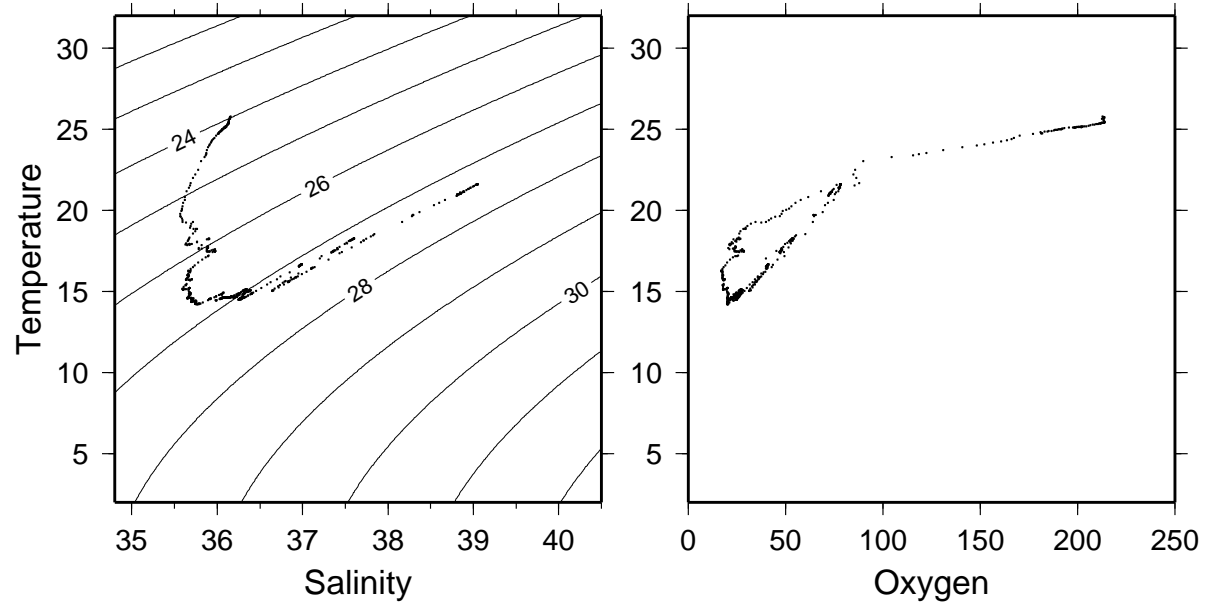
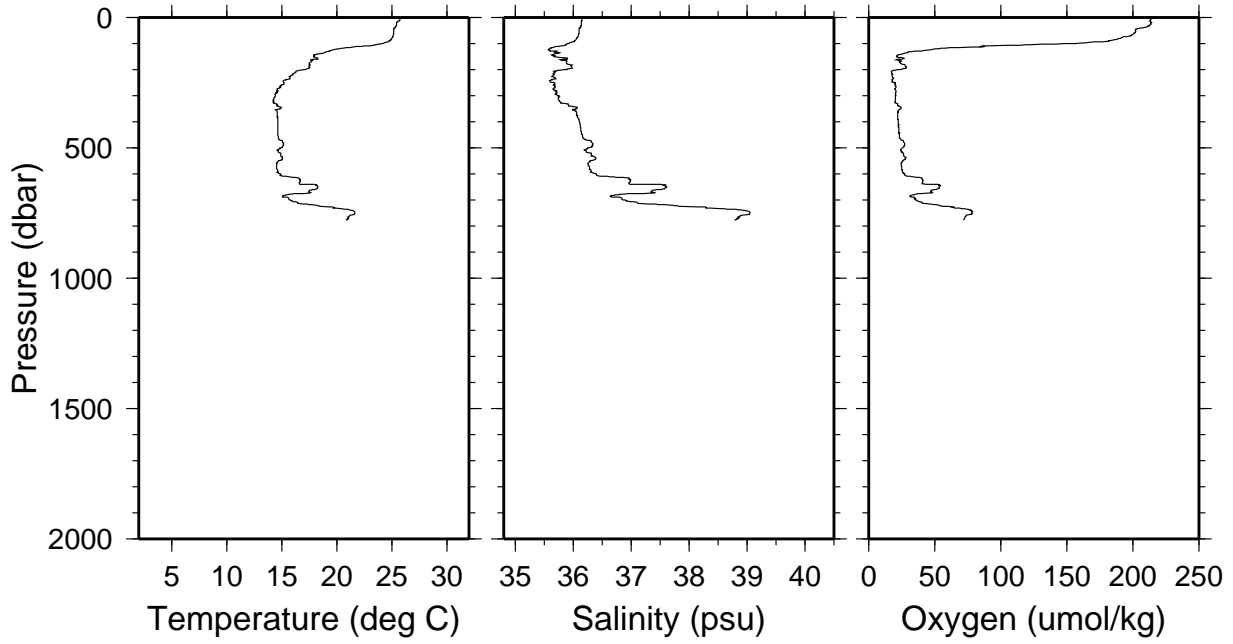


Redsox-1 **Station 086**
Latitude: 12° 7.57 N
Longitude: 044° 18.17 E
Date: 24-02-2001 1706 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.730	25.727	36.153	213.2	23.988
20	25.441	25.437	36.138	213.7	24.067
30	25.389	25.383	36.135	212.5	24.082
40	25.256	25.247	36.114	206.6	24.108
50	25.150	25.140	36.099	201.9	24.130
60	25.143	25.130	36.097	201.2	24.131
70	25.107	25.092	36.088	198.4	24.135
80	24.984	24.967	36.059	190.1	24.152
90	24.762	24.742	36.018	181.4	24.190
100	24.073	24.051	35.912	152.0	24.317
110	22.225	22.203	35.746	84.9	24.727
120	20.097	20.074	35.589	51.7	25.191
130	19.303	19.279	35.714	34.6	25.495
140	18.240	18.216	35.670	25.4	25.732
150	17.896	17.870	35.676	21.2	25.822
160	18.197	18.169	35.882	23.1	25.906
170	17.689	17.660	35.888	23.9	26.037
180	17.474	17.444	35.911	26.0	26.107
190	17.501	17.469	35.977	28.5	26.151
200	17.119	17.085	35.865	22.9	26.158
250	15.179	15.141	35.659	19.6	26.449
300	14.432	14.387	35.748	20.4	26.683
350	14.831	14.778	36.053	24.3	26.833
400	14.652	14.592	36.109	22.3	26.917
450	14.651	14.583	36.154	23.4	26.954
500	14.829	14.753	36.253	25.3	26.993
550	14.684	14.600	36.294	25.7	27.058
600	14.870	14.777	36.401	27.1	27.102
650	18.265	18.150	37.602	53.5	27.229
700	15.733	15.621	36.878	35.9	27.280
750	21.615	21.465	39.048	78.1	27.449

Redsox-1 Station 086
Latitude: 12 07.57 N
Longitude: 044 18.17 E
Date: 24-02-2001
Time: 1706 GMT

Rsx1-086



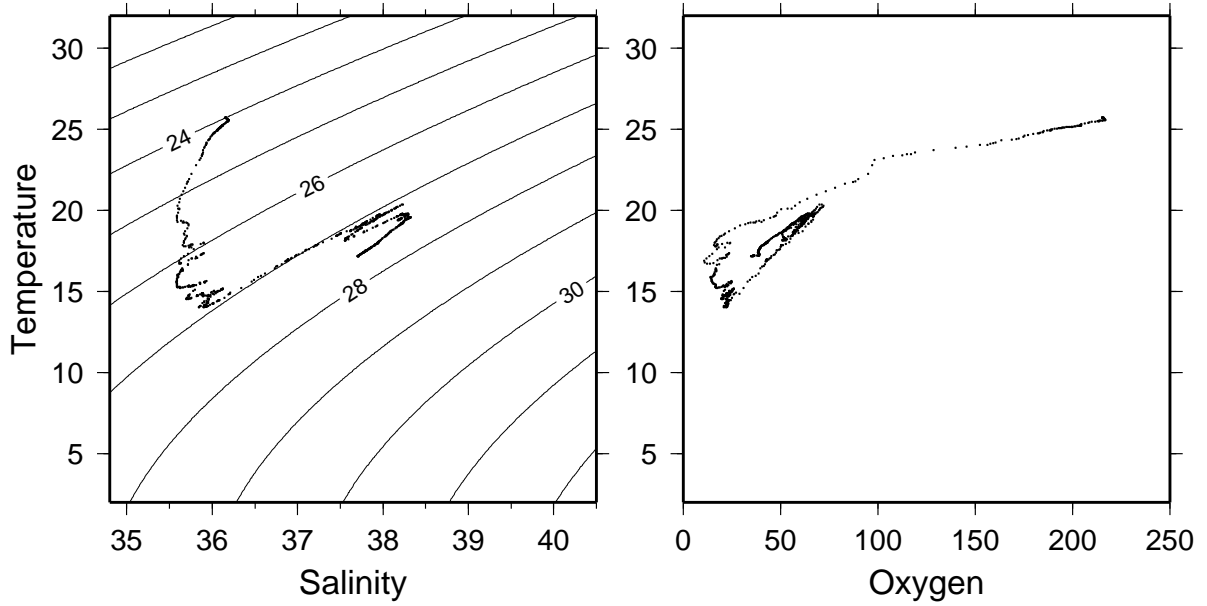
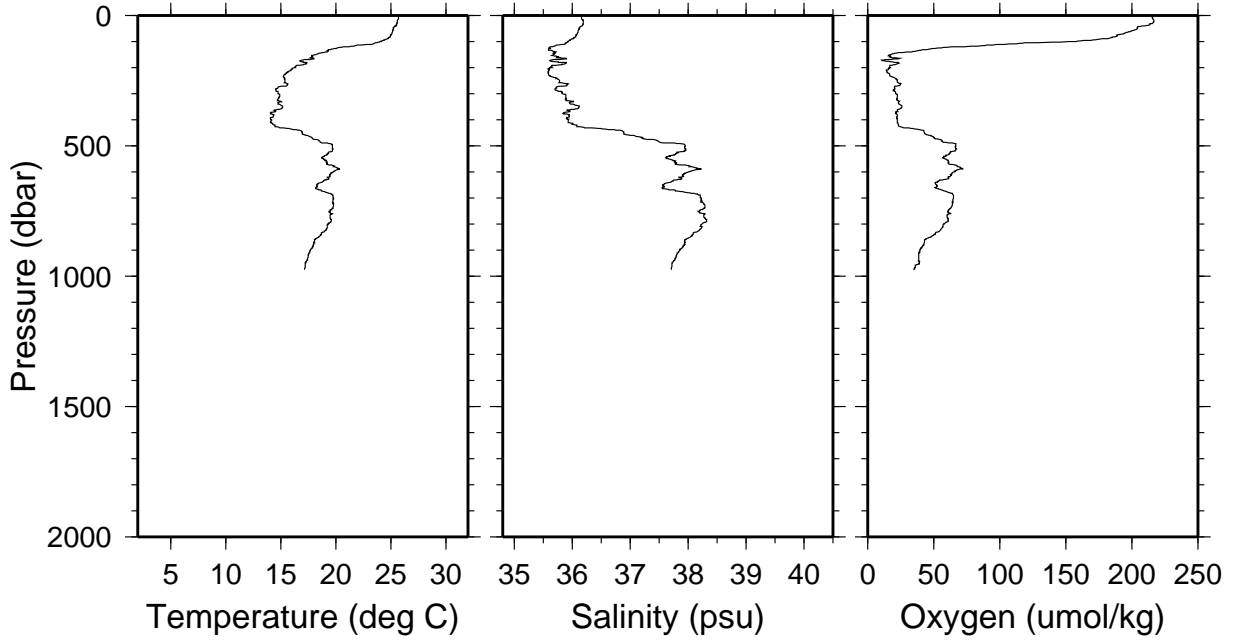
Redsox-1 **Station 087**
Latitude: 12° 5.85 N
Longitude: 044° 9.66 E
Date: 24-02-2001 1851 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.702	25.699	36.159	215.8	24.002
20	25.580	25.575	36.189	216.7	24.063
30	25.546	25.539	36.190	215.2	24.075
40	25.411	25.402	36.165	208.7	24.098
50	25.214	25.203	36.118	203.8	24.124
60	25.149	25.135	36.102	199.5	24.133
70	25.071	25.055	36.084	193.3	24.144
80	24.941	24.923	36.059	188.6	24.165
90	24.658	24.639	36.001	177.1	24.208
100	24.053	24.032	35.928	156.2	24.334
110	23.215	23.193	35.865	103.0	24.534
120	20.949	20.926	35.639	68.6	25.001
130	19.604	19.581	35.588	46.4	25.320
140	19.148	19.123	35.720	31.9	25.540
150	18.099	18.073	35.668	16.9	25.766
160	17.906	17.879	35.770	17.1	25.892
170	17.169	17.140	35.671	13.4	25.996
180	17.138	17.108	35.814	22.3	26.113
190	16.681	16.649	35.718	18.4	26.149
200	16.279	16.247	35.654	16.6	26.194
250	15.373	15.334	35.777	22.4	26.497
300	14.753	14.708	35.826	21.3	26.674
350	15.147	15.093	36.118	25.7	26.813
400	14.121	14.062	35.933	22.5	26.896
450	16.948	16.873	36.887	42.9	26.994
500	19.693	19.599	37.948	66.6	27.119
550	18.882	18.782	37.675	58.6	27.124
600	19.757	19.644	38.013	65.4	27.157
650	18.270	18.154	37.564	52.0	27.199
700	19.762	19.630	38.222	64.9	27.320
750	19.450	19.310	38.189	60.7	27.380
800	19.280	19.131	38.238	57.6	27.465
900	17.712	17.554	37.861	39.5	27.576

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
974.7	1	17.164	16.996	37.703	35.8
801.2	2	19.204	19.056	38.230	55.1
650.0	3	18.302	18.186	37.596	49.9
520.6	4	19.705	19.608	37.962	63.3
400.4	5	14.122	14.063	35.952	24.1
100.4	6	23.950	23.929	35.922	139.8
50.4	7	25.224	25.213	36.133	202.1
2.4	8	25.692	25.691	36.172	215.5

Redsox-1 Station 087
Latitude: 12 05.85 N
Longitude: 044 09.66 E
Date: 24-02-2001
Time: 1851 GMT

Rsx1-087

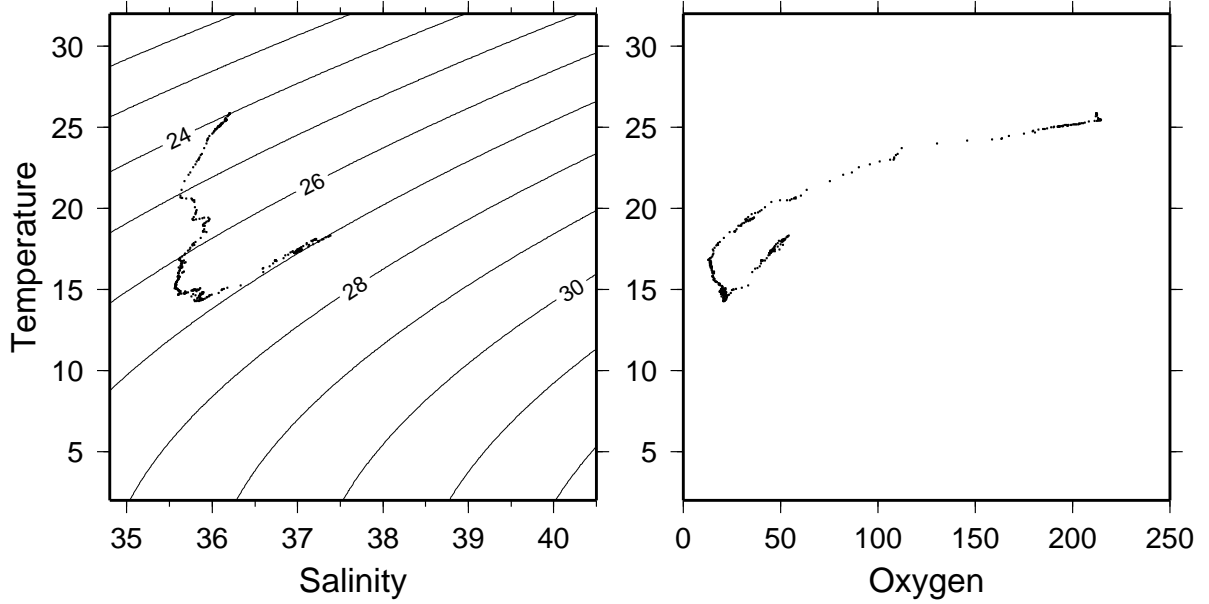
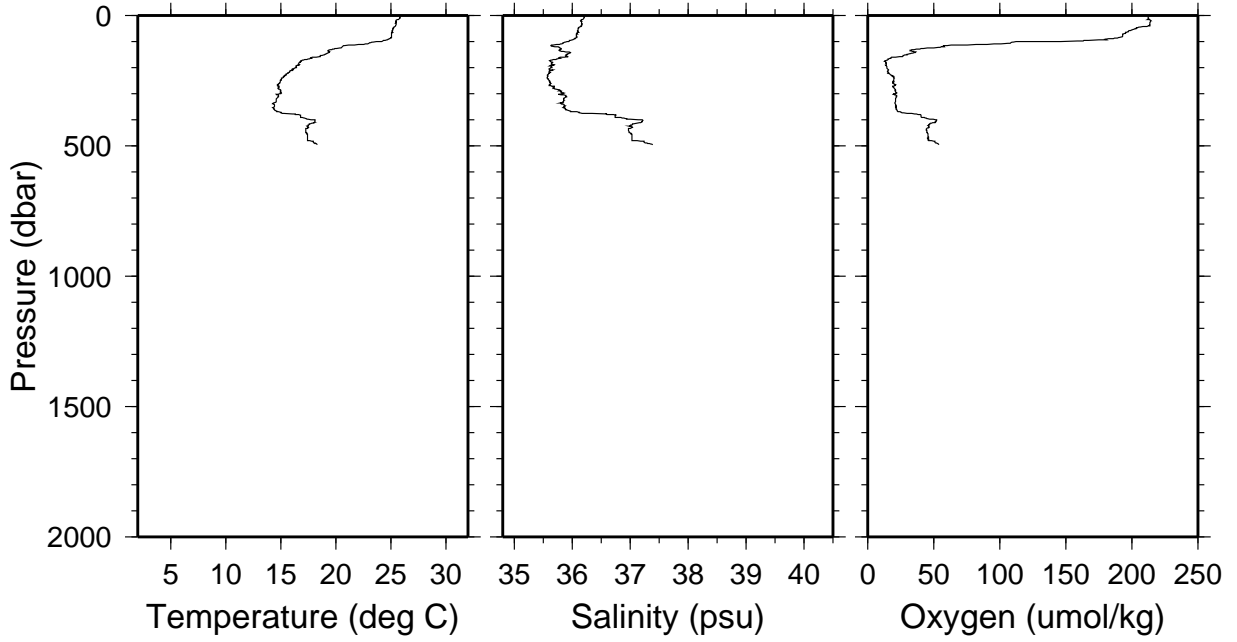


Redsox-1 **Station 088**
Latitude: 12° 9.58 N
Longitude: 044° 3.04 E
Date: 24-02-2001 2035 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.816	25.813	36.202	212.4	23.999
20	25.453	25.449	36.152	214.5	24.074
30	25.449	25.443	36.164	213.6	24.085
40	25.427	25.418	36.158	213.3	24.088
50	25.197	25.186	36.105	203.5	24.119
60	25.109	25.096	36.090	197.5	24.136
70	25.072	25.057	36.086	193.3	24.145
80	25.032	25.015	36.075	192.9	24.150
90	24.854	24.834	36.039	182.5	24.177
100	23.988	23.967	35.932	130.3	24.357
110	22.525	22.503	35.779	90.2	24.667
120	20.594	20.571	35.755	56.8	25.185
130	19.698	19.675	35.806	36.8	25.463
140	19.414	19.388	35.907	36.2	25.614
150	18.941	18.914	35.890	29.7	25.724
160	17.935	17.907	35.807	18.9	25.913
170	17.156	17.128	35.673	15.2	26.001
180	16.772	16.742	35.668	13.8	26.088
190	16.647	16.616	35.678	14.0	26.126
200	16.364	16.332	35.646	14.5	26.168
250	14.964	14.926	35.598	19.6	26.450
300	14.948	14.902	35.837	20.5	26.639
350	14.393	14.341	35.864	21.3	26.782
400	18.066	17.995	37.215	52.0	26.971
450	17.291	17.214	36.985	45.0	26.987

Redsox-1 Station 088
Latitude: 12 09.58 N
Longitude: 044 03.04 E
Date: 24-02-2001
Time: 2035 GMT

Rsx1-088



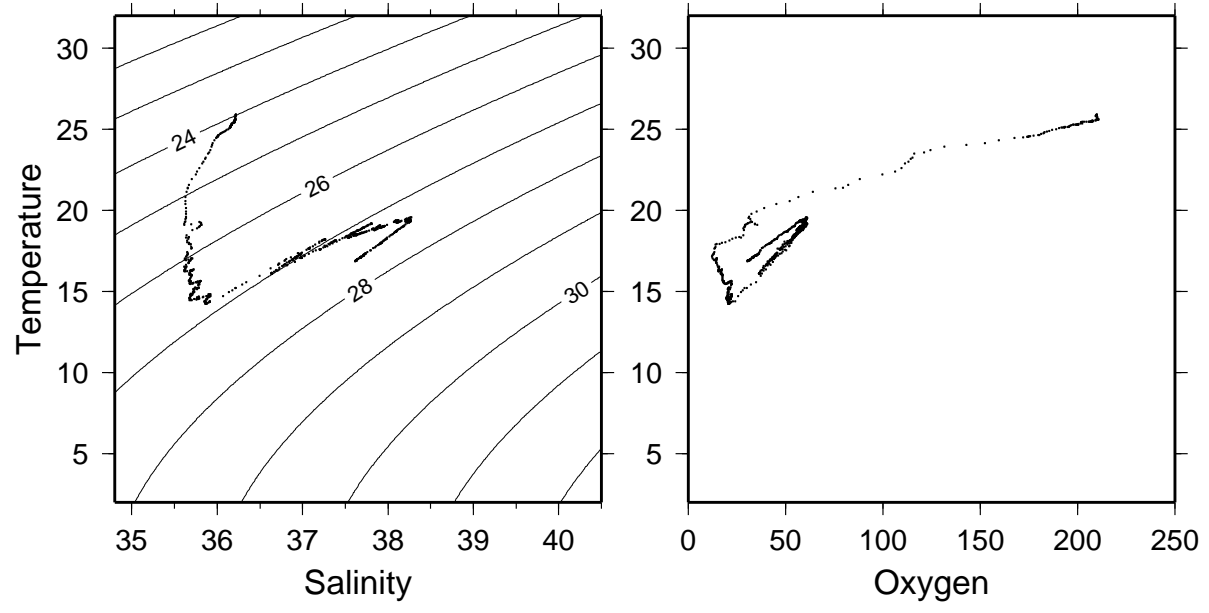
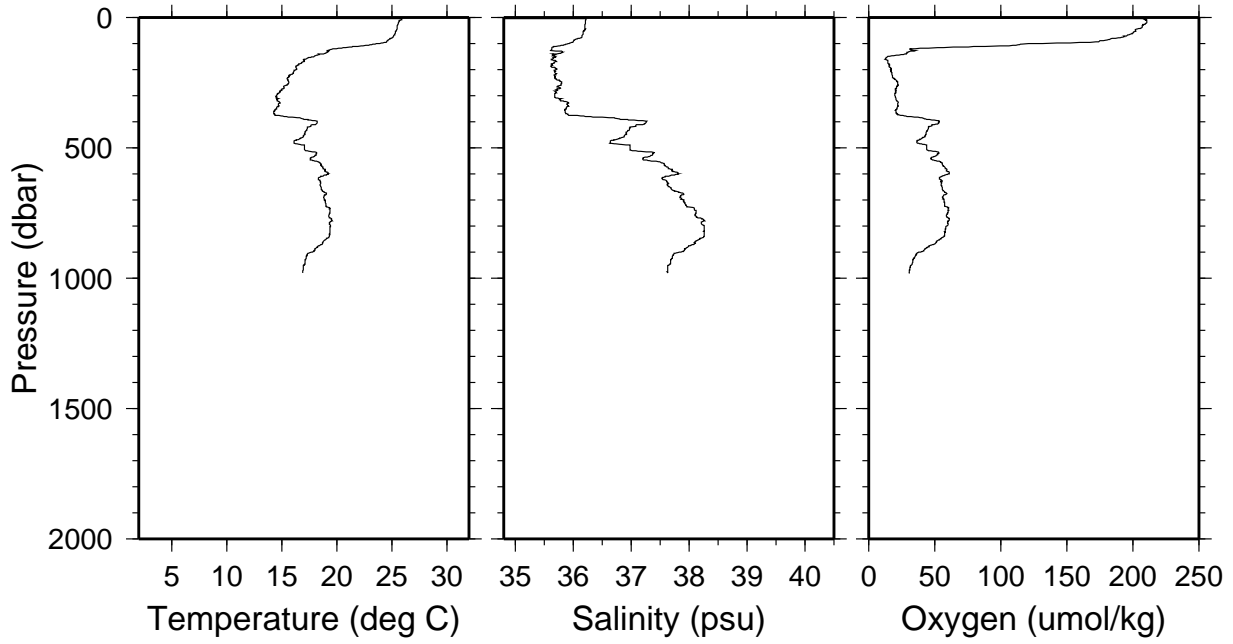
Redsox-1 **Station 089**
Latitude: 12° 5.88 N
Longitude: 044° 1.97 E
Date: 24-02-2001 2236 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.829	25.827	36.215	209.3	24.004
20	25.604	25.599	36.213	210.6	24.074
30	25.482	25.476	36.195	207.7	24.099
40	25.469	25.460	36.197	206.3	24.105
50	25.398	25.387	36.190	202.0	24.122
60	25.295	25.282	36.171	199.4	24.140
70	25.146	25.130	36.148	195.0	24.169
80	24.898	24.881	36.093	185.4	24.204
90	24.561	24.542	36.006	175.0	24.241
100	23.714	23.693	35.918	124.4	24.427
110	21.914	21.893	35.705	88.0	24.784
120	19.780	19.758	35.632	32.5	25.308
130	19.256	19.232	35.802	31.4	25.575
140	18.459	18.435	35.644	28.3	25.657
150	17.890	17.865	35.687	13.9	25.832
160	17.135	17.108	35.636	12.2	25.976
170	16.945	16.917	35.689	14.4	26.063
180	16.507	16.478	35.622	15.7	26.115
190	16.261	16.231	35.627	15.9	26.177
200	16.282	16.250	35.705	16.9	26.233
250	15.634	15.595	35.802	22.0	26.457
300	14.523	14.479	35.684	19.8	26.613
350	14.533	14.481	35.879	21.4	26.764
400	18.209	18.138	37.262	53.3	26.971
450	17.037	16.961	36.899	43.0	26.982
500	17.068	16.983	36.981	43.9	27.040
550	17.977	17.880	37.354	51.8	27.106
600	19.184	19.073	37.802	60.4	27.146
650	18.547	18.430	37.663	55.4	27.205
700	18.940	18.812	37.907	57.0	27.294
750	19.361	19.221	38.117	59.7	27.348
800	19.420	19.270	38.260	59.1	27.445
900	17.715	17.557	37.843	38.4	27.562

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
980.5	1	16.892	16.725	37.627	30.8
805.4	2	19.386	19.236	38.272	55.9
654.0	3	18.596	18.478	37.699	52.7
403.2	4	18.170	18.099	37.252	50.8
201.3	5	16.072	16.040	35.685	17.1
100.3	6	23.588	23.567	35.925	120.4
50.1	7	25.373	25.362	36.181	199.4
2.6	8	25.816	25.815	36.231	209.3

Redsox-1 Station 089
Latitude: 12 05.88 N
Longitude: 044 01.97 E
Date: 24-02-2001
Time: 2236 GMT

Rsx1-089

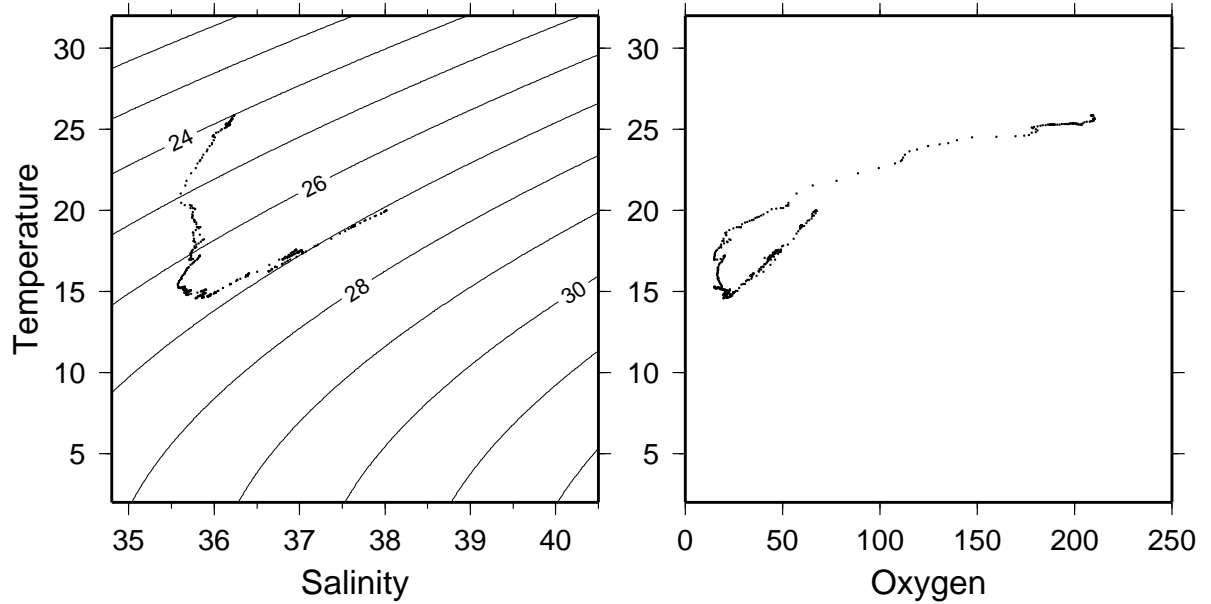
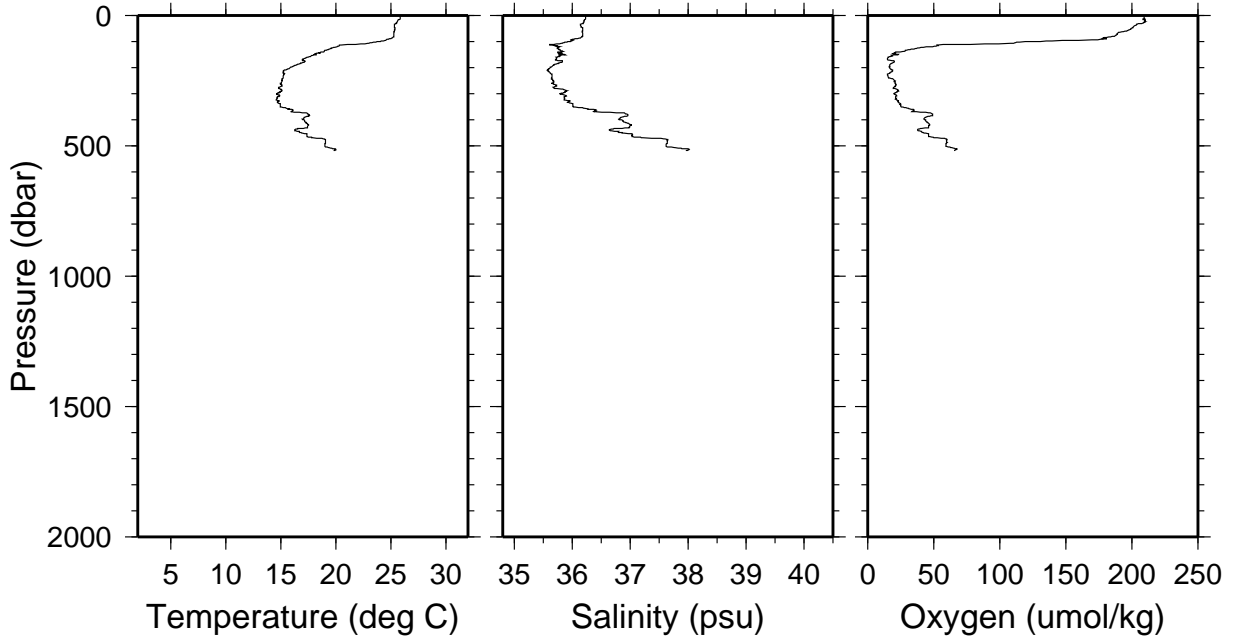


Redsox-1 **Station 090**
Latitude: 12° 7.67 N
Longitude: 043° 55.48 E
Date: 25-02-2001 0023 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.863	25.860	36.230	209.3	24.006
20	25.640	25.636	36.208	209.6	24.059
30	25.480	25.473	36.186	207.6	24.092
40	25.311	25.303	36.151	201.7	24.118
50	25.348	25.337	36.179	199.5	24.129
60	25.323	25.310	36.176	195.6	24.135
70	25.284	25.268	36.181	189.0	24.152
80	25.274	25.257	36.178	186.3	24.153
90	24.838	24.818	36.048	180.0	24.189
100	23.953	23.932	35.949	124.6	24.380
110	21.805	21.783	35.678	77.6	24.794
120	20.125	20.102	35.772	46.8	25.323
130	19.361	19.337	35.769	33.0	25.522
140	18.801	18.776	35.786	22.7	25.680
150	18.213	18.187	35.876	22.7	25.897
160	17.444	17.417	35.735	15.4	25.978
170	16.962	16.934	35.712	14.8	26.076
180	17.042	17.013	35.810	19.6	26.133
190	16.361	16.331	35.676	16.9	26.192
200	15.830	15.799	35.617	16.8	26.269
250	15.081	15.042	35.671	20.4	26.480
300	14.581	14.536	35.783	19.6	26.677
350	14.961	14.907	36.021	25.4	26.780
400	17.022	16.955	36.827	43.5	26.928
450	16.867	16.792	36.857	42.2	26.991
500	18.992	18.901	37.620	59.3	27.051

Redsox-1 Station 090
Latitude: 12 07.67 N
Longitude: 043 55.48 E
Date: 25-02-2001
Time: 0023 GMT

Rsx1-090



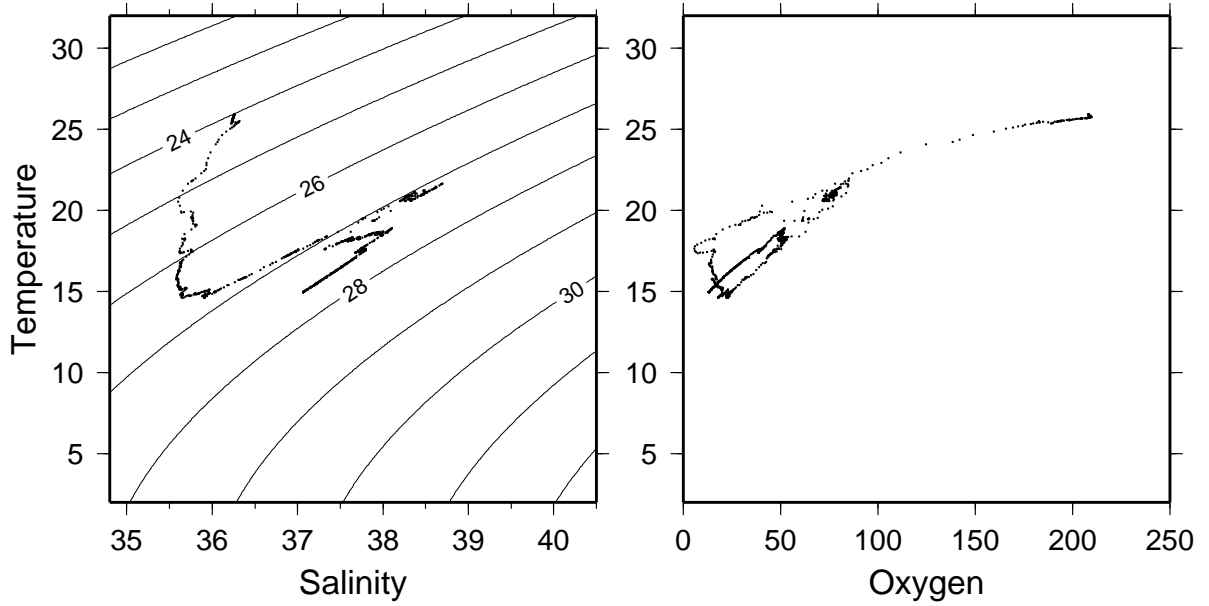
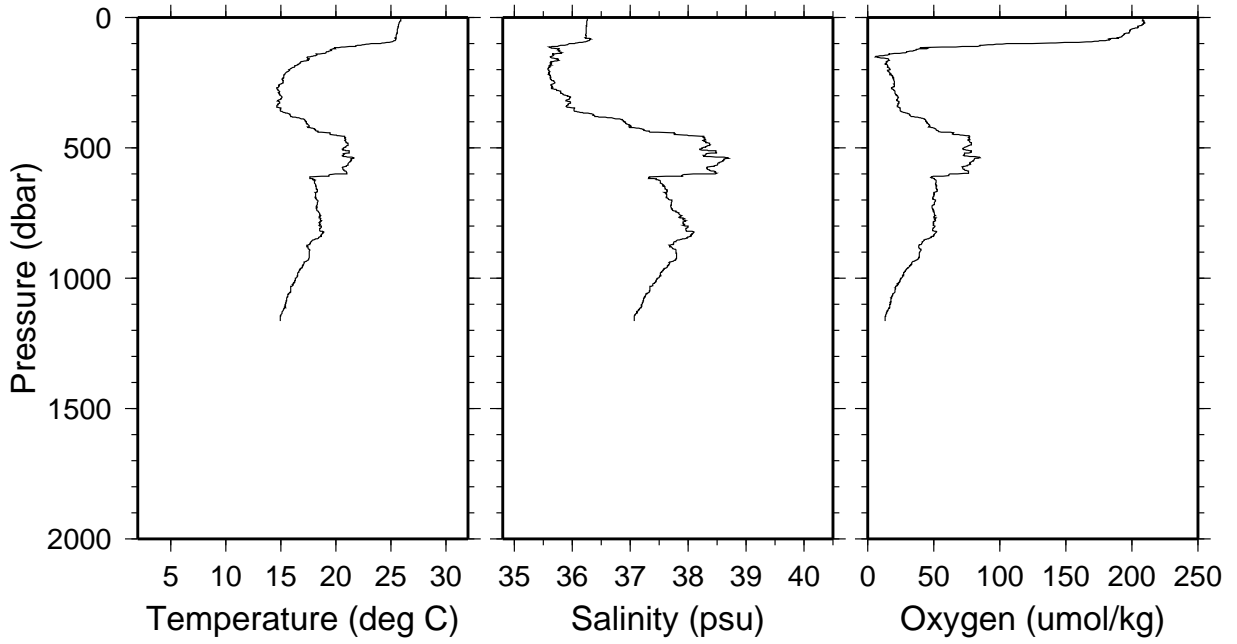
Redsox-1 **Station 091**
Latitude: 12° 2.00 N
Longitude: 043° 52.38 E
Date: 25-02-2001 0156 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.910	25.908	36.258	208.3	24.011
20	25.749	25.745	36.248	209.5	24.055
30	25.689	25.682	36.244	207.1	24.072
40	25.640	25.631	36.240	203.8	24.084
50	25.566	25.555	36.238	198.6	24.107
60	25.558	25.544	36.237	197.0	24.109
70	25.496	25.480	36.241	192.6	24.132
80	25.412	25.395	36.271	187.5	24.181
90	25.277	25.257	36.266	175.6	24.220
100	23.580	23.559	35.983	111.7	24.516
110	21.780	21.758	35.755	83.1	24.859
120	19.873	19.851	35.776	41.3	25.393
130	19.355	19.332	35.777	31.9	25.530
140	18.246	18.222	35.651	15.9	25.716
150	17.641	17.616	35.623	5.6	25.844
160	17.504	17.477	35.756	15.7	25.980
170	16.832	16.804	35.633	14.2	26.047
180	16.528	16.499	35.622	14.1	26.111
190	16.205	16.175	35.609	14.9	26.176
200	15.750	15.718	35.580	17.2	26.258
250	15.203	15.164	35.697	20.3	26.473
300	15.005	14.959	35.909	22.2	26.682
350	14.975	14.921	36.033	24.5	26.786
400	17.266	17.198	36.900	44.4	26.926
450	19.526	19.442	37.794	69.0	27.043
500	20.722	20.625	38.250	72.7	27.073
550	21.351	21.242	38.600	79.7	27.170
600	20.700	20.584	38.337	64.0	27.151
650	18.225	18.110	37.596	51.9	27.234
700	18.313	18.187	37.707	51.1	27.300
750	18.510	18.375	37.841	50.3	27.355
800	18.644	18.498	37.991	50.7	27.439
900	17.584	17.426	37.790	39.5	27.553
1000	16.344	16.177	37.468	25.2	27.606

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1161.0	1	14.958	14.774	37.075	20.0
906.6	2	17.595	17.436	37.813	39.1
654.2	3	18.211	18.095	37.606	50.6
220.9	4	15.277	15.243	35.625	18.1
50.1	5	25.573	25.562	36.251	199.9
2.0	6	25.891	25.891	36.269	211.5

Redsox-1 Station 091
Latitude: 12 02.00 N
Longitude: 043 52.38 E
Date: 25-02-2001
Time: 0156 GMT

Rsx1-091

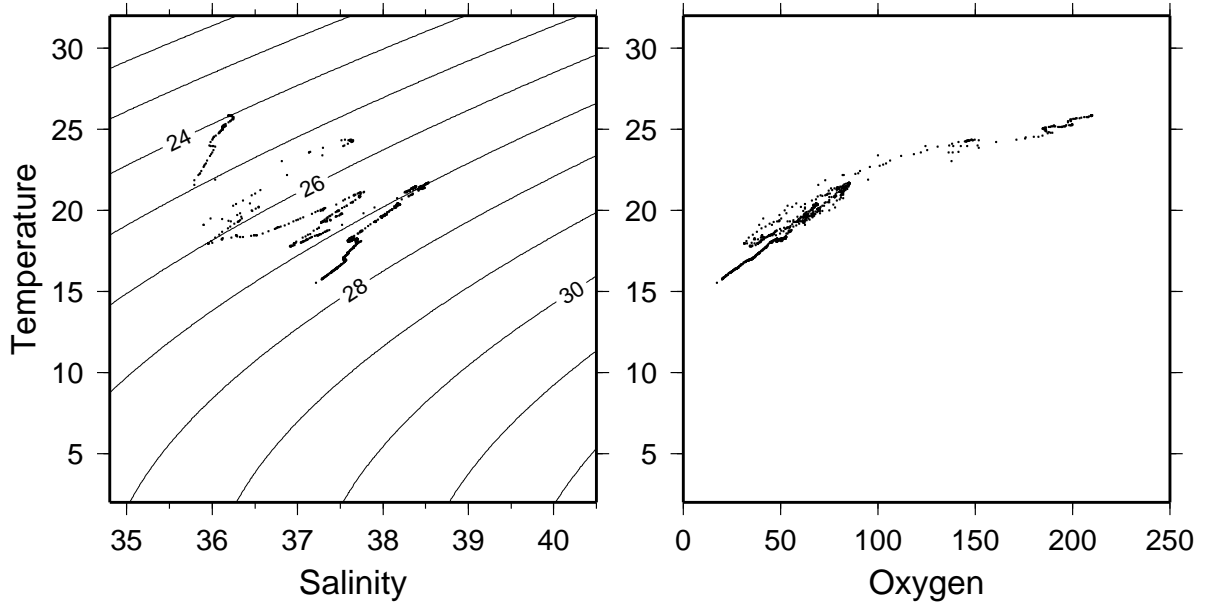
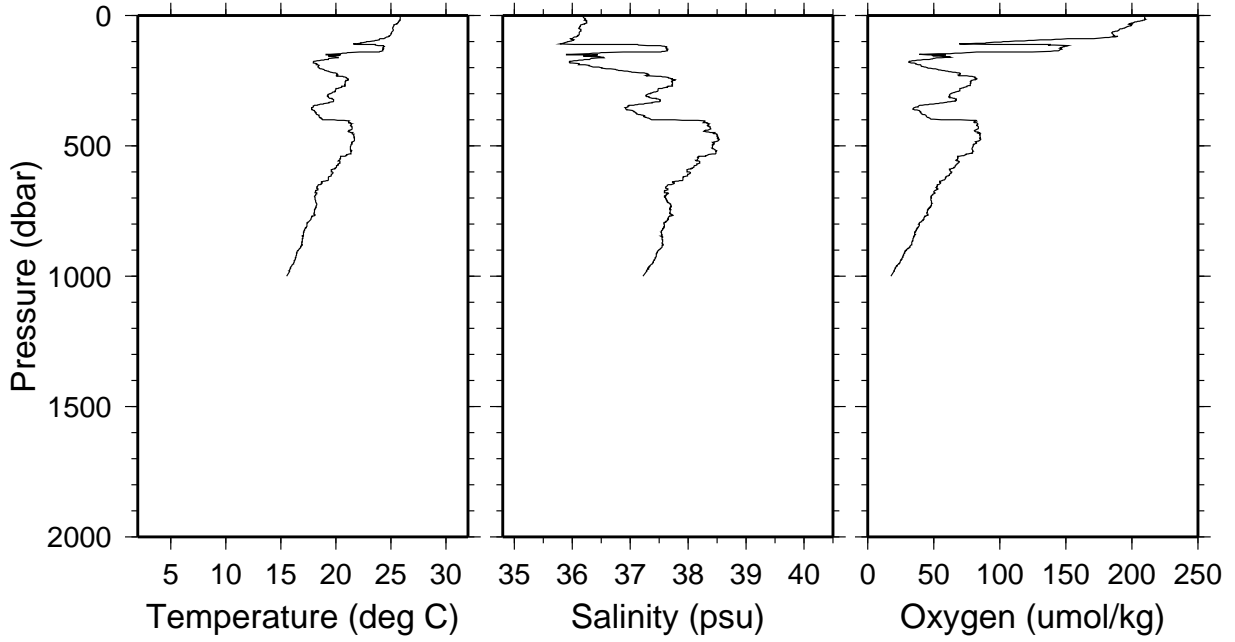


Redsox-1 **Station 092**
Latitude: 12° 0.01 N
Longitude: 043° 34.88 E
Date: 25-02-2001 0452 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.838	25.836	36.204	209.9	23.993
20	25.757	25.753	36.246	207.6	24.051
30	25.592	25.585	36.234	198.8	24.094
40	25.240	25.232	36.138	198.8	24.131
50	25.149	25.138	36.114	193.6	24.141
60	25.154	25.141	36.139	188.4	24.159
70	25.017	25.001	36.121	185.6	24.189
80	24.803	24.785	36.085	188.8	24.227
90	24.015	23.996	35.970	151.2	24.377
100	22.889	22.868	35.925	104.0	24.674
110	21.888	21.866	36.034	95.0	25.041
120	24.345	24.319	37.617	148.3	25.528
130	24.298	24.270	37.650	145.8	25.568
140	23.376	23.347	37.288	99.9	25.568
150	19.102	19.075	35.901	45.6	25.691
160	20.191	20.161	36.543	62.5	25.897
170	19.001	18.971	36.210	42.3	25.954
180	17.947	17.915	35.954	31.3	26.024
190	18.455	18.422	36.277	40.6	26.145
200	18.470	18.435	36.492	44.7	26.306
250	20.902	20.854	37.726	78.4	26.611
300	19.505	19.450	37.339	62.7	26.693
350	17.956	17.895	36.960	38.3	26.801
400	19.121	19.048	37.524	62.5	26.939
450	21.508	21.419	38.460	83.6	27.014
500	21.348	21.249	38.424	79.7	27.034
550	20.363	20.257	38.164	68.1	27.108
600	19.615	19.503	37.986	63.6	27.173
650	18.431	18.314	37.662	52.8	27.233
700	18.103	17.978	37.611	47.9	27.279
750	18.044	17.912	37.690	45.3	27.356
800	17.353	17.215	37.582	38.8	27.445
900	16.577	16.426	37.493	29.0	27.567

Redsox-1 Station 092
Latitude: 12 00.01 N
Longitude: 043 34.88 E
Date: 25-02-2001
Time: 0452 GMT

Rsx1-092



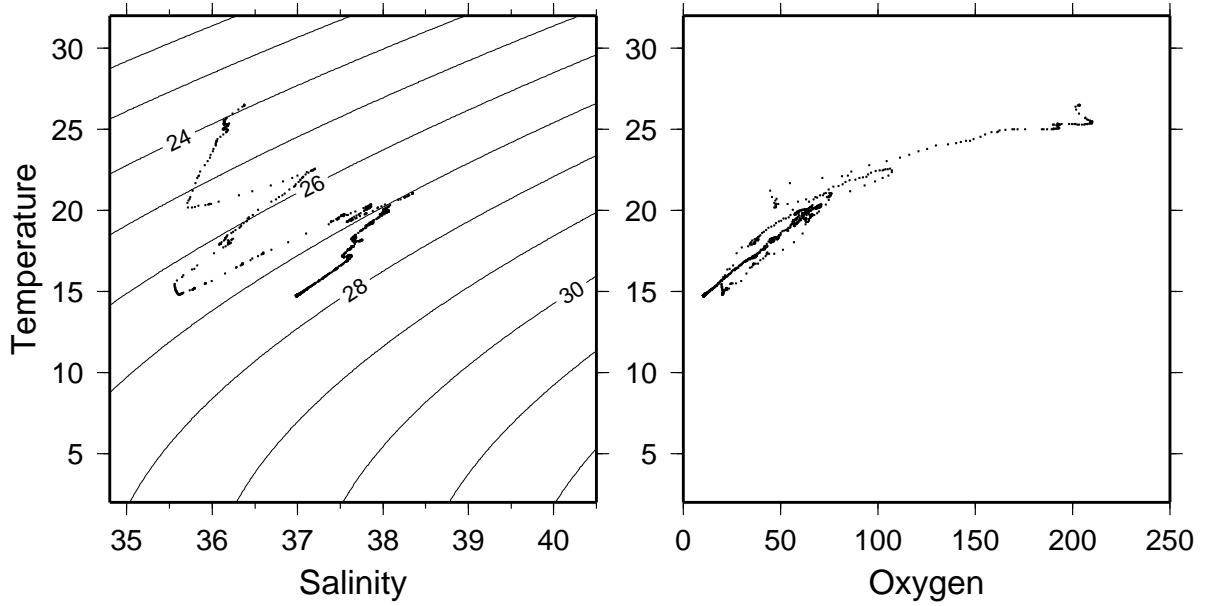
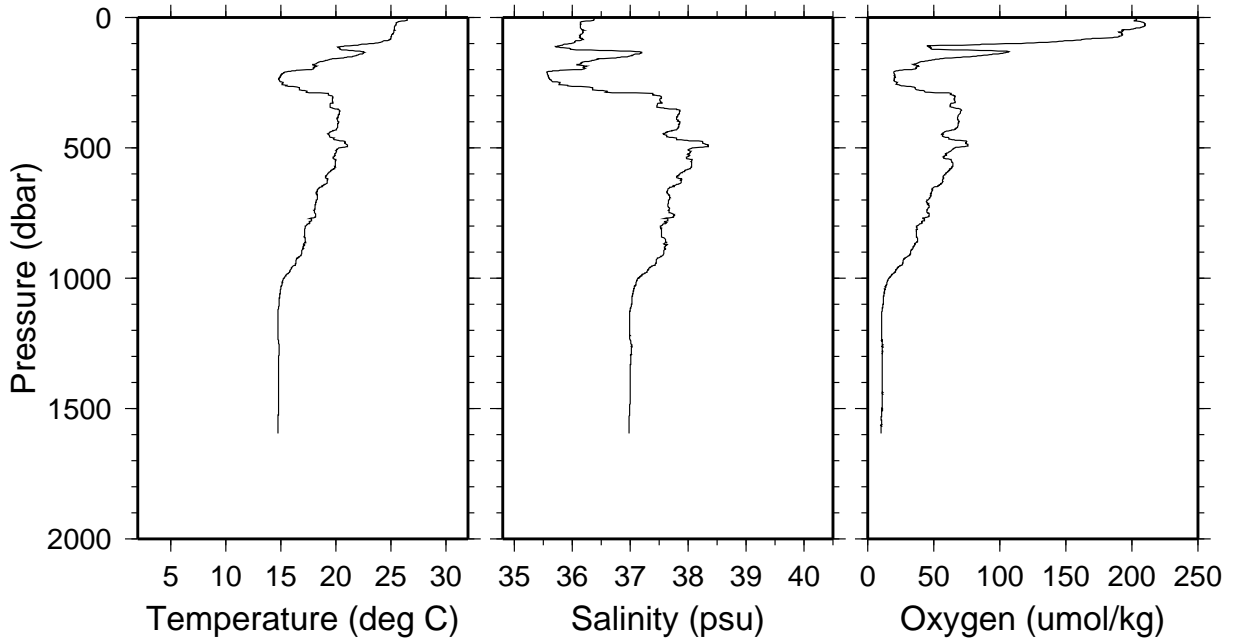
Redsox-1 **Station 093**
Latitude: 11° 55.66 N
Longitude: 043° 30.84 E
Date: 25-02-2001 0600 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.467	26.465	36.373	203.4	23.923
20	25.512	25.507	36.139	209.0	24.047
30	25.393	25.387	36.139	209.9	24.084
40	25.296	25.287	36.137	204.7	24.112
50	25.281	25.270	36.176	193.5	24.148
60	25.225	25.212	36.183	192.4	24.171
70	25.044	25.029	36.137	191.7	24.192
80	24.995	24.978	36.154	171.8	24.220
90	24.378	24.358	36.059	149.0	24.336
100	23.249	23.228	35.972	111.4	24.605
110	20.700	20.679	35.735	48.0	25.141
120	20.386	20.364	35.969	47.7	25.404
130	22.134	22.108	37.001	105.4	25.709
140	22.306	22.278	37.125	96.4	25.754
150	21.461	21.432	36.955	77.2	25.863
160	19.493	19.464	36.418	52.8	25.985
170	18.600	18.570	36.222	40.3	26.065
180	17.949	17.918	36.091	34.1	26.128
190	18.059	18.026	36.196	36.5	26.182
200	17.701	17.667	36.132	30.1	26.222
250	15.200	15.162	35.790	22.2	26.545
300	19.570	19.515	37.488	65.5	26.790
350	19.932	19.866	37.678	69.8	26.842
400	20.238	20.162	37.860	69.3	26.902
450	19.313	19.230	37.592	56.8	26.944
500	20.247	20.152	38.069	66.1	27.064
550	19.963	19.859	38.063	63.5	27.138
600	19.261	19.150	37.859	58.8	27.169
650	18.700	18.583	37.733	50.8	27.219
700	18.252	18.127	37.669	45.1	27.286
750	18.109	17.976	37.710	45.8	27.355
800	17.205	17.068	37.523	37.1	27.436
900	16.891	16.738	37.581	32.6	27.560
1000	15.281	15.121	37.143	16.1	27.598
1250	14.786	14.589	37.006	10.8	27.611
1500	14.775	14.538	36.992	10.7	27.611

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1595.9	1	14.758	14.505	36.992	15.2
1399.4	2	14.779	14.558	37.009	12.8
1049.8	3	14.909	14.744	37.054	13.3
649.9	4	18.703	18.585	37.747	49.5
550.3	5	19.985	19.881	38.072	60.0
400.0	6	20.221	20.145	37.862	65.8
51.1	7	25.227	25.216	36.190	193.8
1.9	8	26.671	26.671	36.389	207.7

Redsox-1 Station 093
Latitude: 11 55.66 N
Longitude: 043 30.84 E
Date: 25-02-2001
Time: 0600 GMT

Rsx1-093



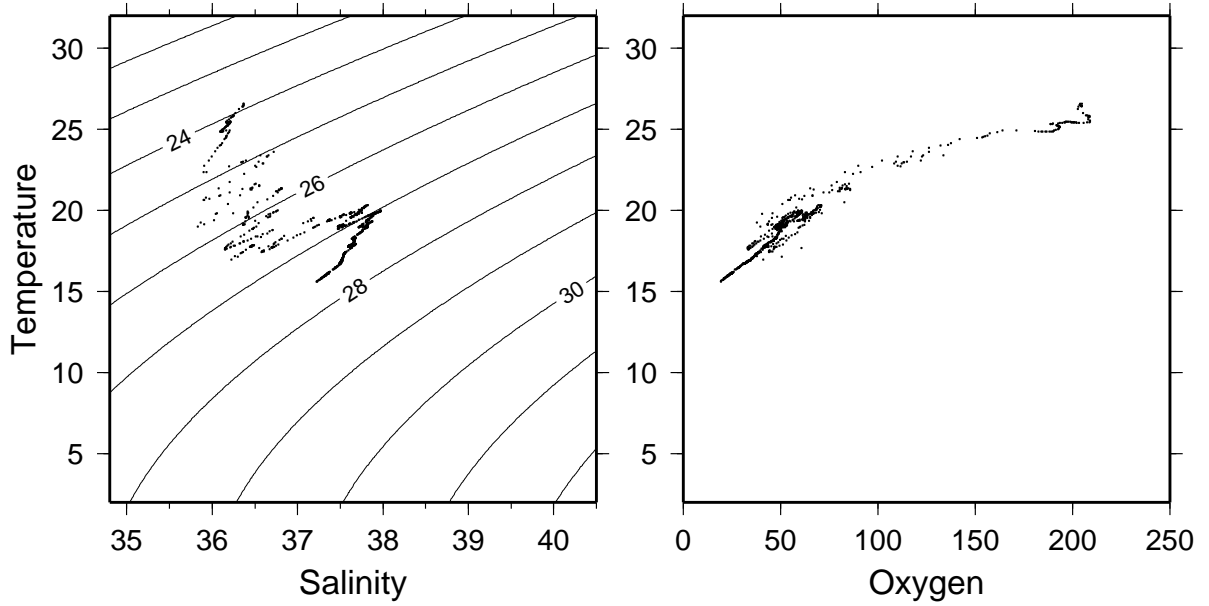
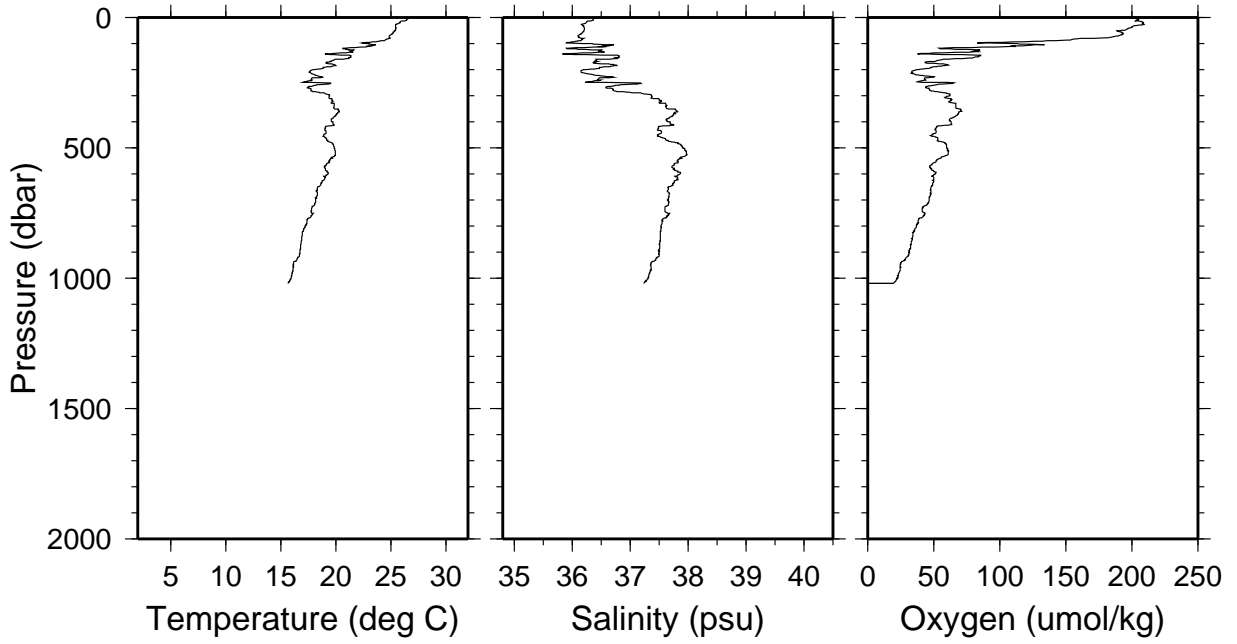
Redsox-1 **Station 094**
Latitude: 11° 55.95 N
Longitude: 043° 23.38 E
Date: 25-02-2001 0819 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.424	26.422	36.364	204.7	23.930
20	25.803	25.799	36.241	208.7	24.033
30	25.400	25.393	36.180	203.3	24.112
40	25.449	25.440	36.209	198.8	24.120
50	25.368	25.357	36.197	192.7	24.137
60	25.182	25.169	36.164	193.1	24.169
70	24.866	24.851	36.099	189.9	24.218
80	24.924	24.907	36.203	163.8	24.279
90	24.053	24.034	36.102	135.9	24.466
100	22.957	22.936	36.337	113.3	24.966
110	22.758	22.736	36.501	110.1	25.149
120	20.706	20.683	35.969	59.5	25.318
130	21.296	21.270	36.462	83.4	25.533
140	18.993	18.968	35.834	39.6	25.667
150	21.355	21.326	36.814	83.6	25.785
160	20.193	20.163	36.482	58.1	25.849
170	19.539	19.508	36.430	45.5	25.983
180	19.788	19.754	36.678	59.5	26.108
190	19.017	18.982	36.517	48.6	26.186
200	17.973	17.939	36.221	37.5	26.223
250	17.678	17.635	36.553	60.8	26.551
300	19.421	19.366	37.372	62.4	26.740
350	19.908	19.843	37.660	69.5	26.835
400	19.708	19.633	37.681	63.2	26.906
450	18.894	18.812	37.481	48.5	26.968
500	19.831	19.737	37.907	60.0	27.051
550	19.374	19.272	37.806	51.6	27.097
600	19.271	19.160	37.859	51.1	27.166
650	18.363	18.246	37.660	48.1	27.249
700	18.154	18.029	37.656	46.6	27.301
750	17.838	17.707	37.650	43.3	27.376
800	17.228	17.091	37.532	36.9	27.437
900	16.721	16.569	37.496	31.3	27.535
1000	15.935	15.771	37.310	22.4	27.579

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)

Redsox-1 Station 094
Latitude: 11 55.95 N
Longitude: 043 23.38 E
Date: 25-02-2001
Time: 0819 GMT

Rsx1-094



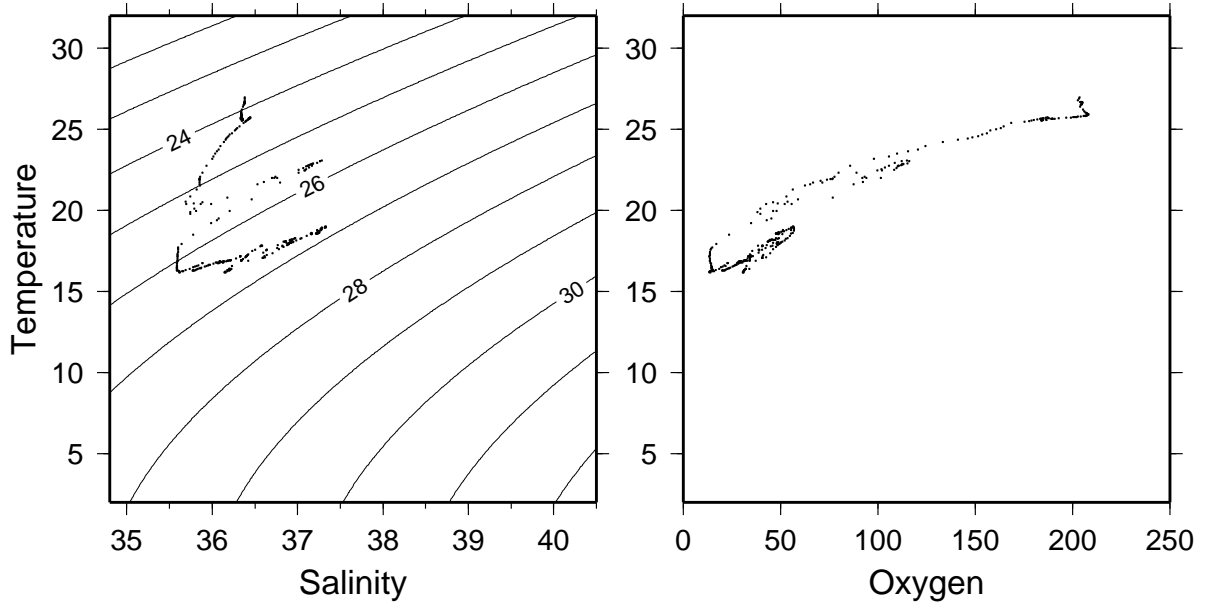
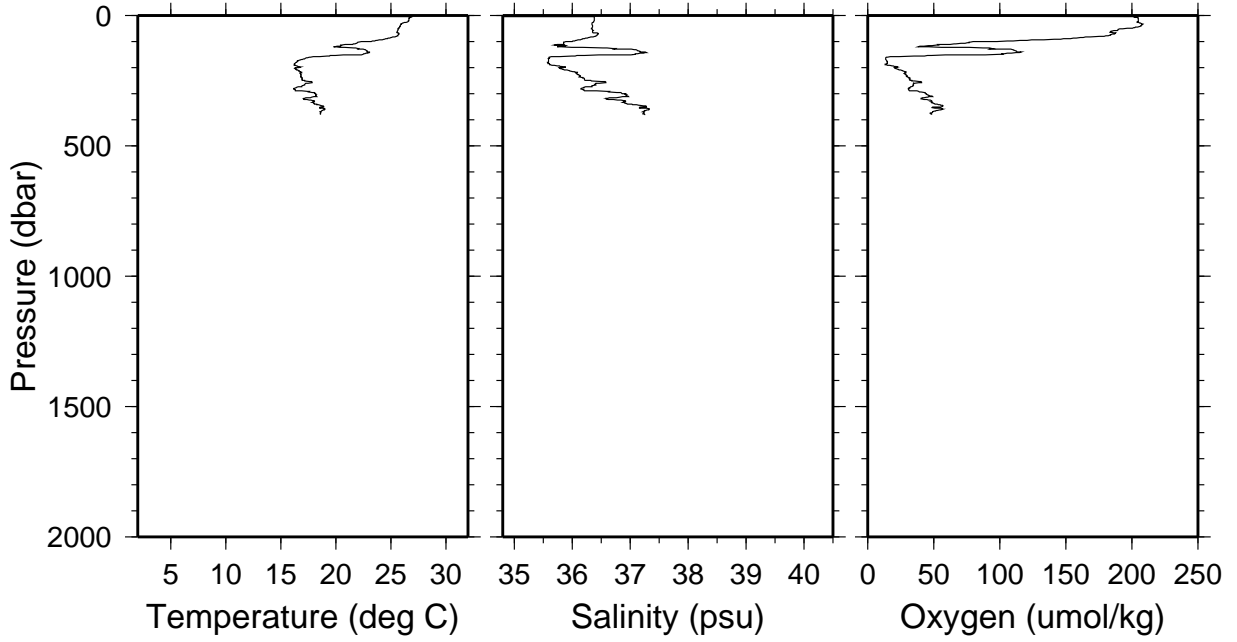
Redsox-1 **Station 095**
Latitude: 11° 47.41 N
Longitude: 043° 30.22 E
Date: 25-02-2001 0959 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.671	26.669	36.383	204.7	23.866
20	26.611	26.606	36.376	204.8	23.881
30	25.998	25.991	36.338	207.1	24.046
40	25.830	25.821	36.349	206.7	24.108
50	25.710	25.699	36.336	196.7	24.135
60	25.587	25.574	36.355	184.7	24.189
70	25.717	25.701	36.445	186.9	24.217
80	25.504	25.486	36.396	177.7	24.247
90	24.509	24.490	36.177	148.5	24.386
100	22.747	22.727	35.936	85.7	24.722
110	21.547	21.525	35.856	62.4	25.001
120	19.803	19.781	35.741	39.5	25.385
130	22.490	22.464	37.015	108.3	25.618
140	22.881	22.852	37.180	115.1	25.631
150	22.306	22.275	37.013	89.1	25.670
160	17.637	17.610	35.599	14.4	25.827
170	16.859	16.831	35.592	13.8	26.009
180	16.403	16.374	35.585	14.7	26.111
190	16.236	16.205	35.651	14.9	26.201
200	16.339	16.307	35.776	20.1	26.274
250	17.157	17.115	36.325	33.3	26.504
300	18.163	18.110	36.911	44.4	26.709
350	18.917	18.854	37.284	55.3	26.806

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
379.5	1	18.624	18.556	37.258	49.0
306.6	2	18.208	18.154	36.957	45.1
283.7	3	16.175	16.129	36.169	30.4
170.2	4	16.895	16.867	35.608	13.0
100.0	5	22.409	22.389	35.894	76.0
48.5	6	25.704	25.693	36.357	192.6
2.0	7	27.044	27.044	36.405	211.1

Redsox-1 Station 095
Latitude: 11 47.41 N
Longitude: 043 30.22 E
Date: 25-02-2001
Time: 0959 GMT

Rsx1-095

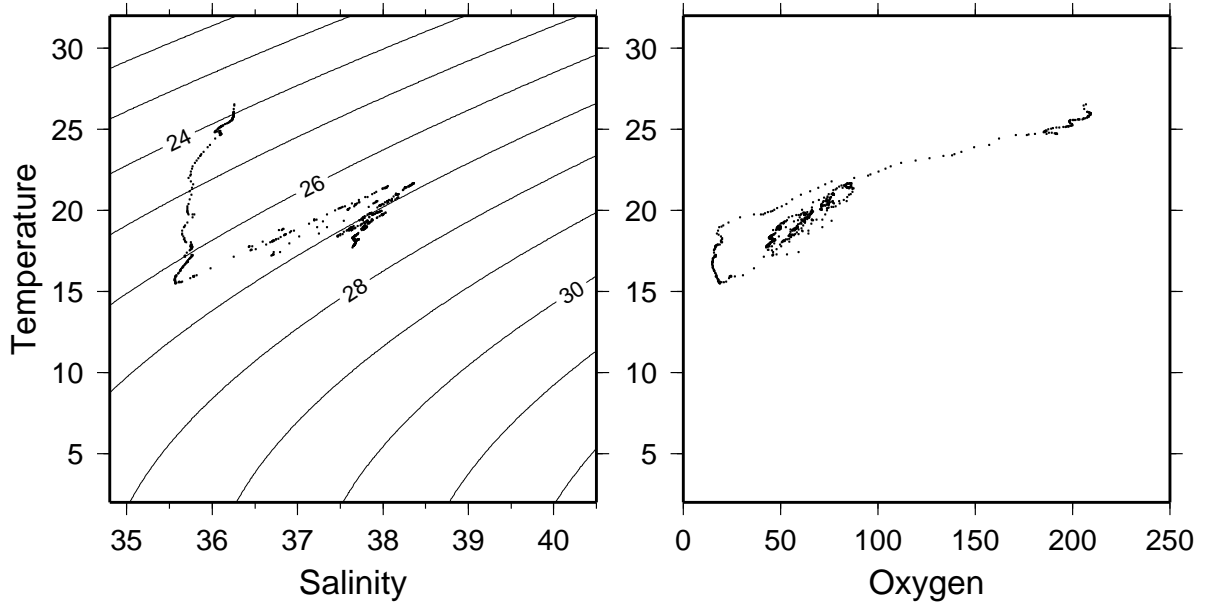
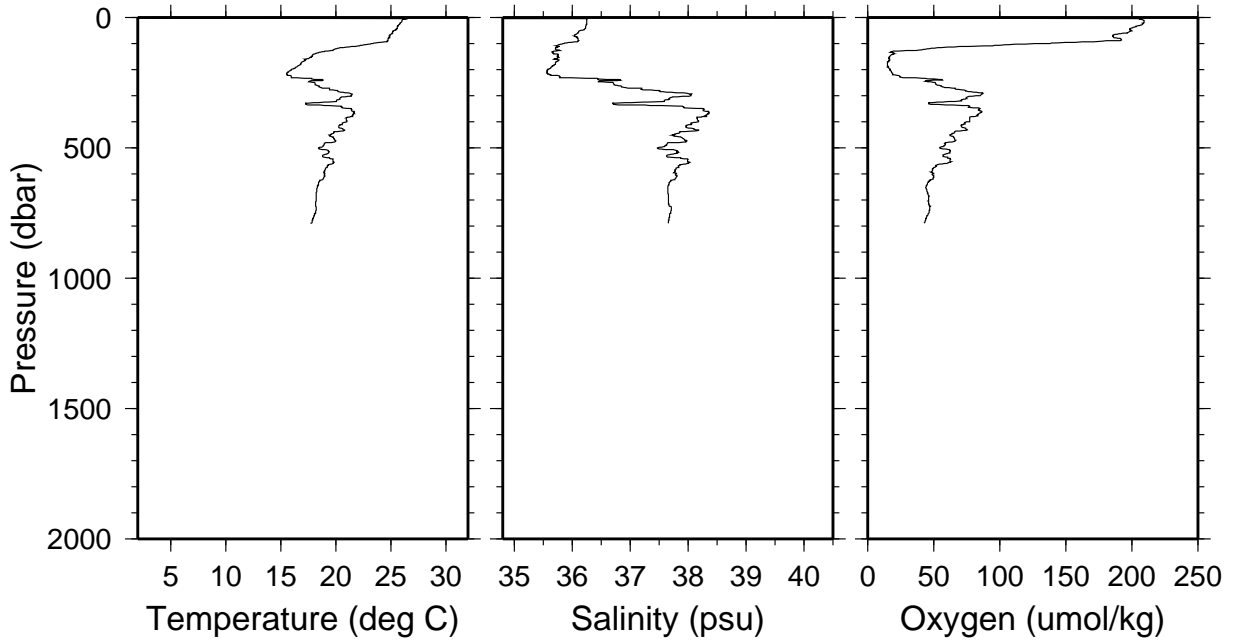


Redsox-1 **Station 096**
Latitude: 11° 54.99 N
Longitude: 043° 45.77 E
Date: 25-02-2001 1205 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.032	26.029	36.250	208.4	23.968
20	25.883	25.878	36.250	209.0	24.015
30	25.667	25.661	36.240	205.7	24.075
40	25.565	25.556	36.232	200.3	24.101
50	25.310	25.299	36.150	199.6	24.119
60	25.142	25.129	36.098	195.4	24.132
70	24.854	24.839	36.036	185.4	24.174
80	24.747	24.730	36.094	190.6	24.250
90	24.708	24.689	36.111	180.6	24.276
100	23.367	23.346	35.861	133.8	24.486
110	21.802	21.781	35.751	76.3	24.850
120	19.955	19.933	35.711	45.8	25.322
130	19.015	18.992	35.678	19.5	25.542
140	18.024	18.000	35.697	19.8	25.806
150	17.757	17.732	35.748	16.5	25.911
160	17.161	17.134	35.676	16.4	26.001
170	16.986	16.958	35.727	15.2	26.083
180	16.798	16.768	35.704	15.0	26.110
190	16.390	16.360	35.635	15.4	26.153
200	15.953	15.921	35.576	17.0	26.209
250	18.077	18.034	36.701	51.0	26.567
300	21.414	21.355	38.041	84.4	26.712
350	21.426	21.357	38.273	84.7	26.888
400	20.989	20.910	38.180	76.1	26.942
450	19.512	19.429	37.750	62.2	27.013
500	18.431	18.342	37.474	54.3	27.082
550	19.737	19.634	37.990	62.3	27.142
600	18.987	18.878	37.797	49.5	27.193
650	18.334	18.218	37.649	44.2	27.248
700	18.190	18.065	37.660	45.8	27.295
750	18.169	18.036	37.701	46.2	27.333

Redsox-1 Station 096
Latitude: 11 54.99 N
Longitude: 043 45.77 E
Date: 25-02-2001
Time: 1205 GMT

Rsx1-096



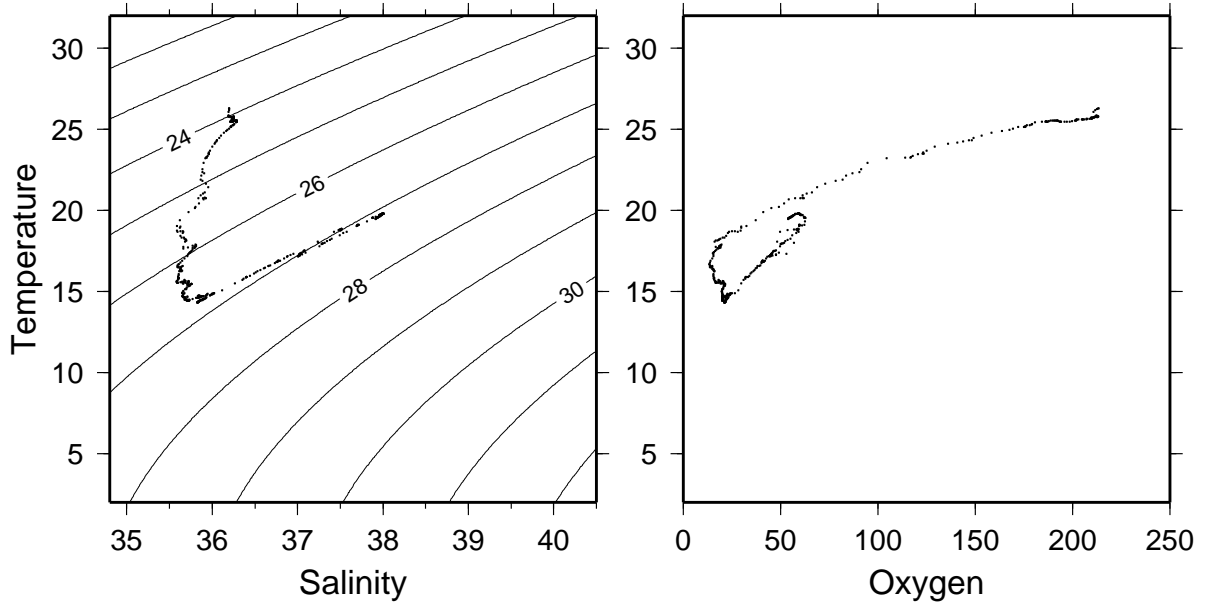
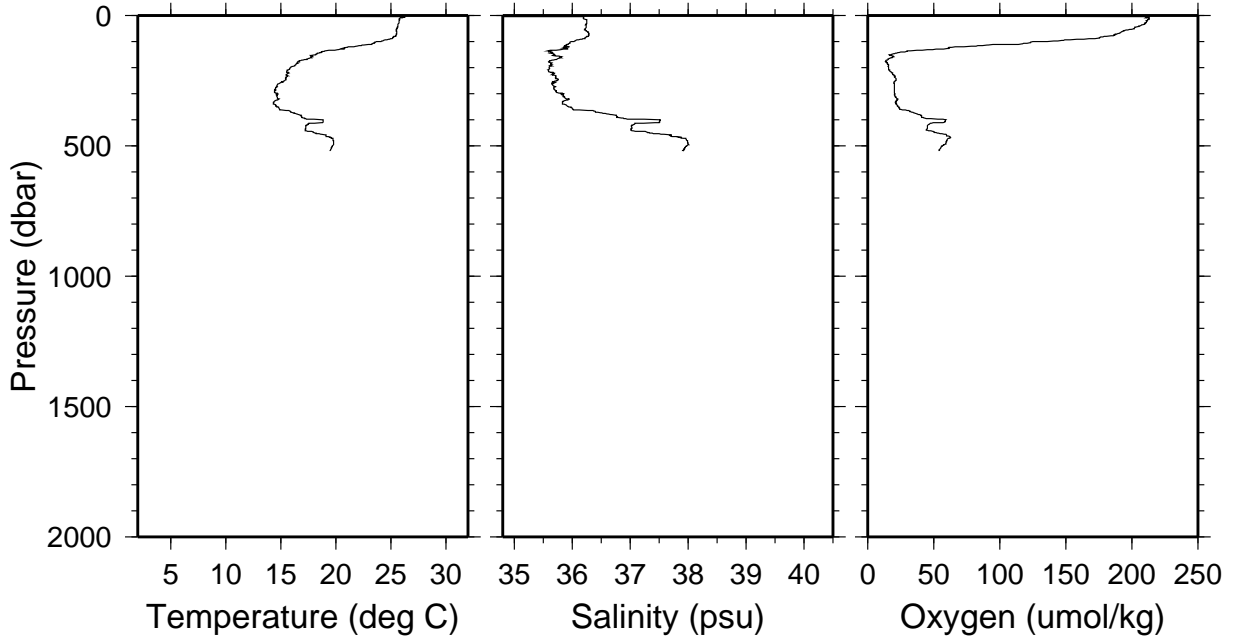
Redsox-1 **Station 097**
Latitude: 11° 53.80 N
Longitude: 043° 56.00 E
Date: 25-02-2001 1424 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.827	25.825	36.191	212.8	23.987
20	25.754	25.749	36.250	211.1	24.055
30	25.701	25.694	36.248	209.6	24.071
40	25.617	25.608	36.242	205.3	24.093
50	25.546	25.535	36.227	201.7	24.104
60	25.476	25.463	36.239	193.5	24.136
70	25.524	25.508	36.285	188.6	24.156
80	25.324	25.307	36.259	179.3	24.199
90	24.965	24.945	36.180	167.5	24.250
100	23.912	23.891	36.003	129.1	24.434
110	23.254	23.231	35.930	113.9	24.572
120	21.417	21.394	35.951	68.7	25.110
130	20.440	20.415	35.848	51.7	25.298
140	18.706	18.682	35.625	26.4	25.580
150	18.153	18.127	35.697	17.5	25.775
160	17.695	17.667	35.772	18.6	25.945
170	17.178	17.150	35.712	15.5	26.025
180	16.495	16.466	35.605	14.1	26.105
190	16.279	16.249	35.622	15.8	26.169
200	15.819	15.788	35.603	15.8	26.260
250	15.348	15.309	35.731	21.2	26.467
300	14.737	14.692	35.840	20.7	26.687
350	14.628	14.576	35.936	23.3	26.787
400	18.830	18.757	37.514	59.2	27.006
450	18.002	17.923	37.318	51.7	27.068
500	19.660	19.567	37.967	56.3	27.142

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)

Redsox-1 Station 097
Latitude: 11 53.80 N
Longitude: 043 56.00 E
Date: 25-02-2001
Time: 1424 GMT

Rsx1-097



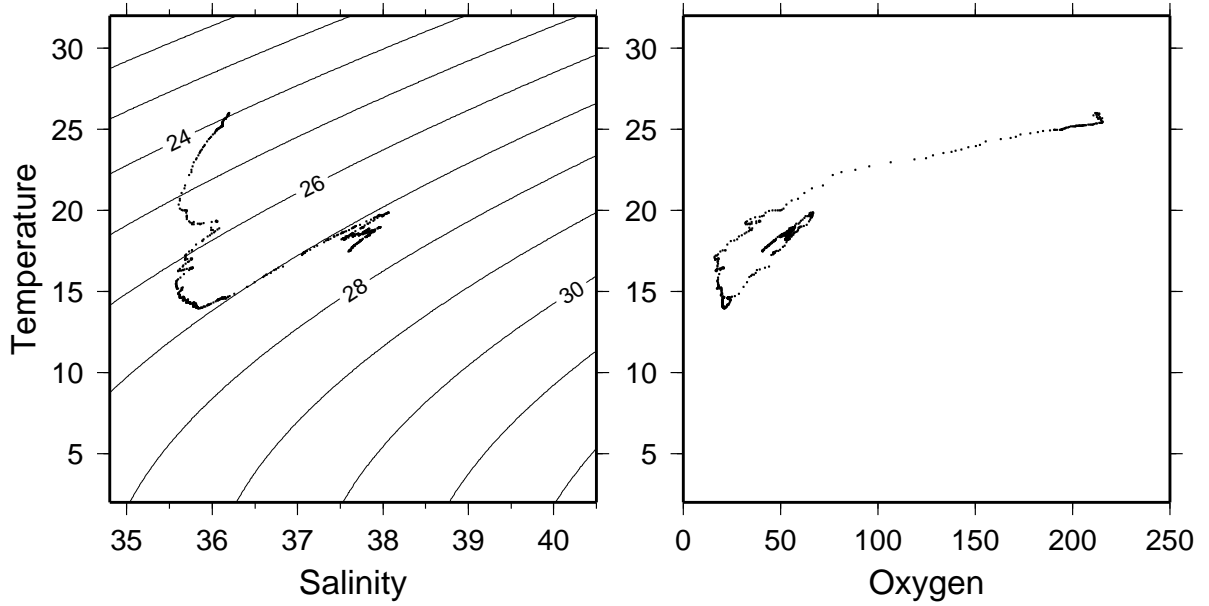
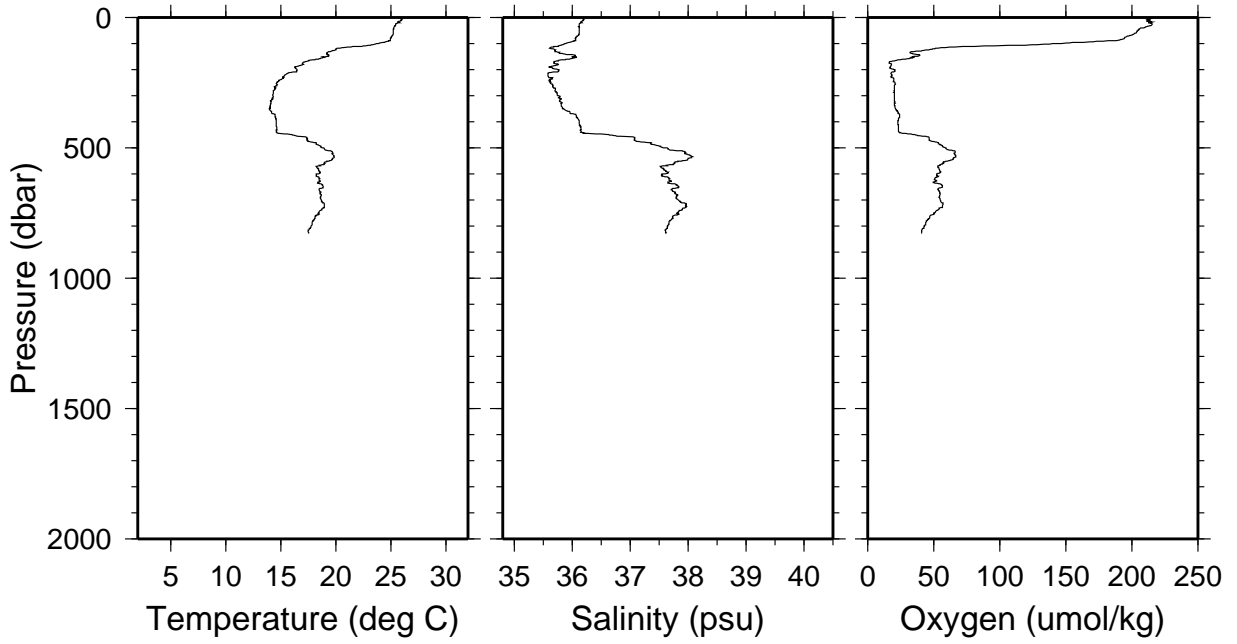
Redsox-1 **Station 098**
 Latitude: 11° 56.92 N
 Longitude: 044° 6.11 E
 Date: 25-02-2001 1608 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.011	26.009	36.198	211.7	23.934
20	25.762	25.758	36.168	212.4	23.991
30	25.398	25.391	36.120	214.5	24.068
40	25.272	25.263	36.120	207.9	24.107
50	25.229	25.218	36.125	204.7	24.125
60	25.214	25.201	36.122	202.8	24.128
70	25.118	25.103	36.094	197.7	24.137
80	24.973	24.956	36.055	194.3	24.152
90	24.805	24.785	36.033	182.0	24.187
100	23.763	23.742	35.878	143.0	24.383
110	22.353	22.331	35.757	81.2	24.699
120	20.002	19.979	35.654	50.0	25.266
130	19.576	19.552	35.700	37.0	25.413
140	19.159	19.133	35.859	34.3	25.643
150	18.923	18.896	35.989	34.0	25.804
160	18.212	18.184	35.899	27.6	25.915
170	17.204	17.175	35.690	16.6	26.003
180	17.004	16.975	35.761	18.1	26.105
190	16.264	16.233	35.602	16.8	26.157
200	16.470	16.438	35.763	20.4	26.233
250	14.653	14.616	35.626	20.7	26.539
300	14.239	14.195	35.746	20.3	26.723
350	13.963	13.912	35.838	21.1	26.854
400	14.592	14.532	36.115	22.8	26.935
450	16.025	15.952	36.634	35.5	27.016
500	18.802	18.712	37.603	59.0	27.087
550	19.364	19.262	37.888	60.4	27.162
600	18.245	18.139	37.550	52.5	27.192
650	18.861	18.742	37.839	56.7	27.259
700	18.672	18.545	37.832	54.9	27.305
750	18.368	18.233	37.796	49.9	27.357
800	17.751	17.610	37.645	42.9	27.397

Press (dbar)	Bottle	Bottle Data			
		Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
828.0	1	17.507	17.363	37.620	41.0
755.5	2	18.496	18.360	37.809	47.9
654.6	3	18.843	18.724	37.838	55.0
351.6	4	14.025	13.973	35.894	22.5
252.0	5	14.625	14.587	35.638	23.3
100.8	6	23.545	23.524	35.863	128.6
50.4	7	25.222	25.211	36.135	199.3
1.8	8	25.930	25.930	36.208	209.9

Redsox-1 Station 098
Latitude: 11 56.92 N
Longitude: 044 06.11 E
Date: 25-02-2001
Time: 1608 GMT

Rsx1-098

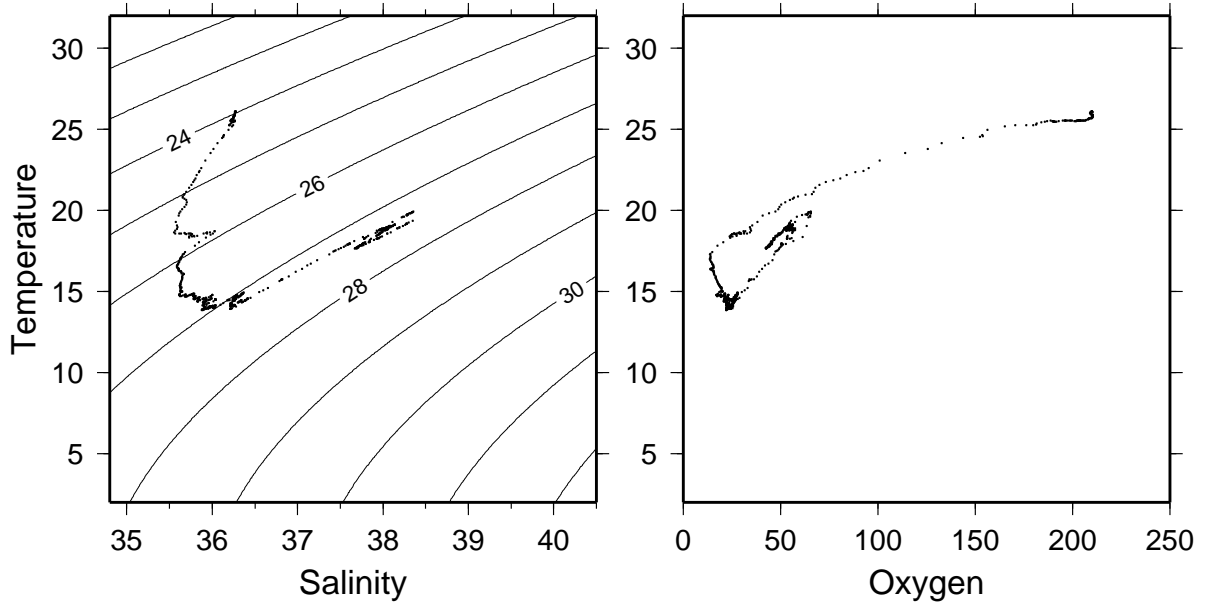
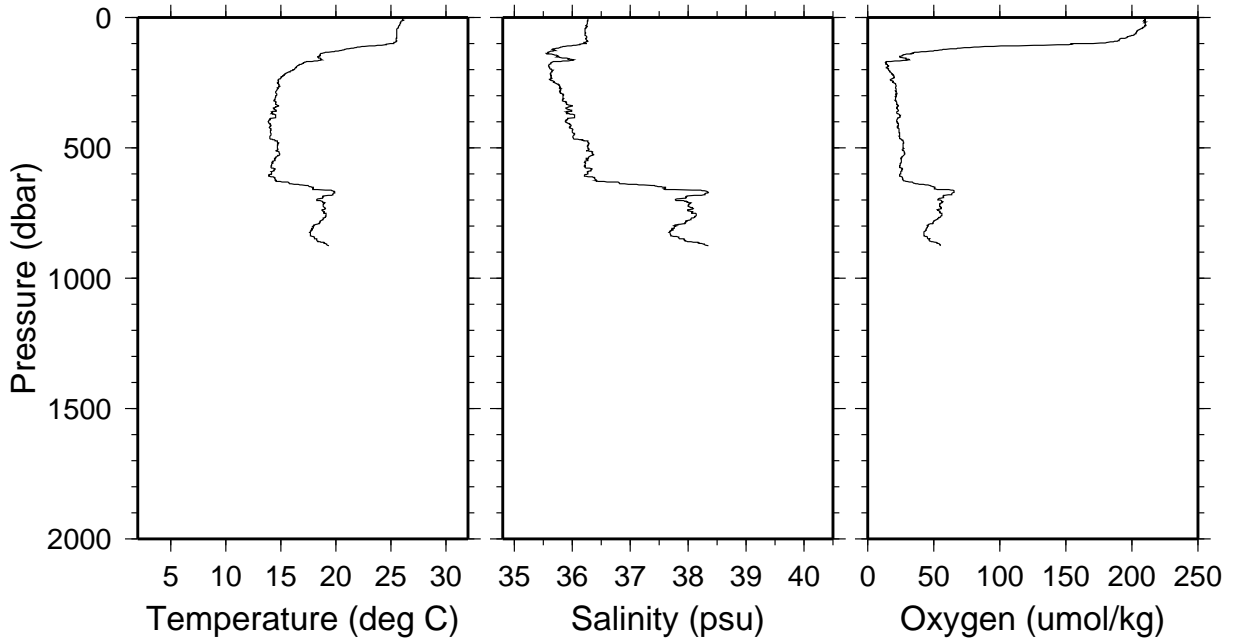


Redsox-1 **Station 099**
Latitude: 11° 57.52 N
Longitude: 044° 18.30 E
Date: 25-02-2001 1819 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.071	26.069	36.270	210.2	23.970
20	25.871	25.867	36.262	210.0	24.028
30	25.772	25.766	36.251	210.4	24.051
40	25.634	25.625	36.237	208.3	24.084
50	25.538	25.527	36.223	204.2	24.104
60	25.535	25.521	36.225	203.1	24.107
70	25.534	25.519	36.239	199.0	24.118
80	25.511	25.494	36.240	192.8	24.127
90	25.512	25.492	36.262	189.7	24.144
100	25.173	25.151	36.232	165.0	24.226
110	22.597	22.575	35.872	95.1	24.718
120	21.016	20.993	35.676	66.0	25.010
130	19.941	19.917	35.626	47.2	25.262
140	18.587	18.562	35.612	31.2	25.601
150	18.380	18.354	35.728	23.9	25.742
160	18.588	18.560	35.942	29.7	25.854
170	17.318	17.289	35.672	14.0	25.961
180	16.789	16.760	35.607	14.6	26.037
190	16.428	16.397	35.600	14.5	26.117
200	16.192	16.160	35.638	15.8	26.202
250	14.687	14.650	35.693	19.4	26.583
300	14.539	14.494	35.838	21.4	26.729
350	14.362	14.310	35.911	22.3	26.825
400	13.853	13.795	35.880	22.1	26.911
450	14.096	14.029	36.031	24.2	26.978
500	14.676	14.600	36.265	26.8	27.036
550	14.299	14.217	36.220	25.6	27.084
600	14.134	14.045	36.265	24.9	27.156
650	17.763	17.649	37.544	50.1	27.310
700	18.271	18.146	37.782	53.5	27.368
750	18.905	18.768	38.056	55.5	27.419
800	17.961	17.820	37.773	45.5	27.443

Redsox-1 Station 099
Latitude: 11 57.52 N
Longitude: 044 18.30 E
Date: 25-02-2001
Time: 1819 GMT

Rsx1-099



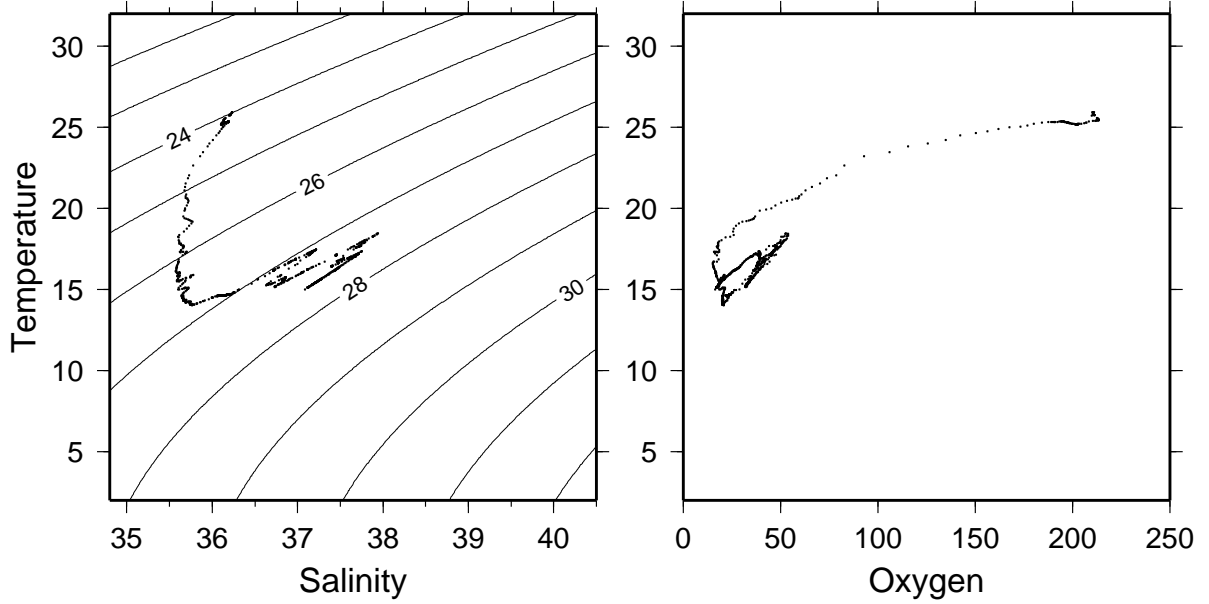
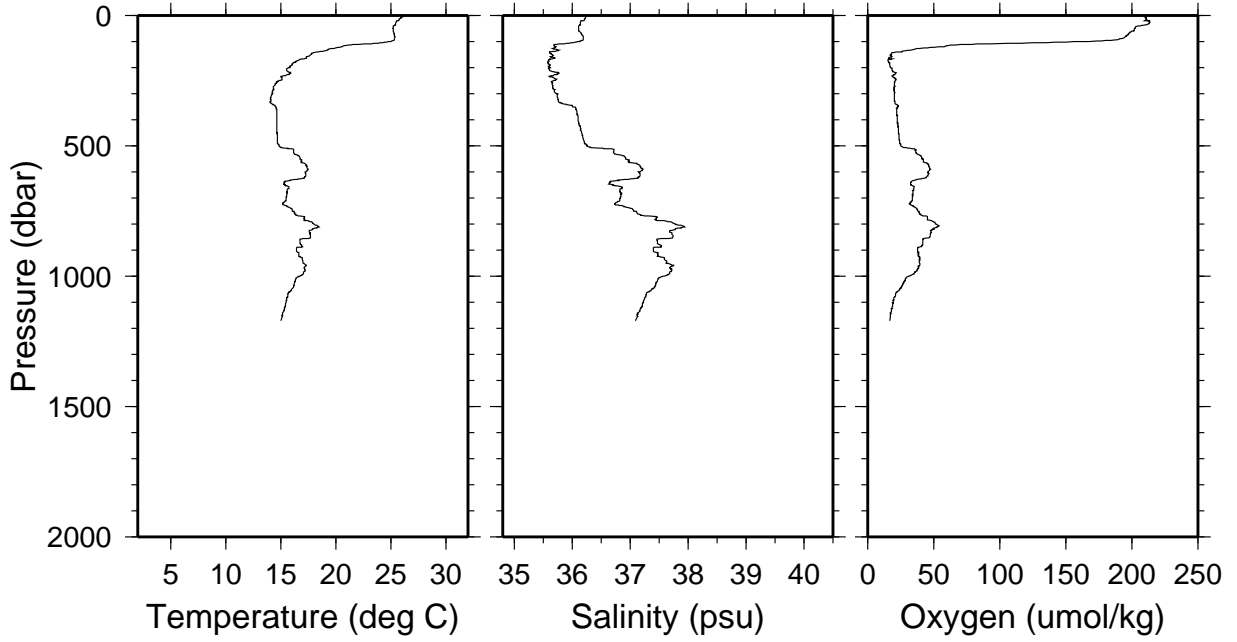
Redsox-1 **Station 100**
Latitude: 12° 5.17 N
Longitude: 044° 18.05 E
Date: 25-02-2001 2005 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.922	25.920	36.231	210.1	23.987
20	25.556	25.552	36.155	212.6	24.045
30	25.439	25.432	36.138	212.9	24.069
40	25.248	25.239	36.111	205.8	24.108
50	25.180	25.169	36.106	202.3	24.126
60	25.198	25.184	36.116	200.7	24.128
70	25.288	25.273	36.158	197.5	24.133
80	25.342	25.325	36.187	195.4	24.139
90	25.323	25.303	36.192	190.8	24.150
100	24.898	24.876	36.112	161.9	24.220
110	22.024	22.002	35.731	78.5	24.773
120	20.527	20.505	35.718	55.9	25.175
130	19.310	19.287	35.715	35.6	25.494
140	18.246	18.221	35.601	24.1	25.677
150	17.706	17.681	35.659	17.9	25.856
160	17.320	17.293	35.649	17.4	25.942
170	16.702	16.674	35.607	15.4	26.058
180	16.238	16.209	35.578	16.1	26.144
190	16.009	15.979	35.615	16.7	26.226
200	15.778	15.746	35.611	17.4	26.276
250	14.903	14.865	35.688	20.8	26.533
300	14.262	14.218	35.740	20.1	26.712
350	14.509	14.456	36.006	22.8	26.867
400	14.627	14.566	36.103	22.3	26.918
450	14.657	14.589	36.163	23.4	26.960
500	14.826	14.749	36.255	25.0	26.996
550	16.737	16.645	36.922	41.2	27.075
600	17.212	17.110	37.146	45.5	27.136
650	15.332	15.229	36.687	33.0	27.222
700	15.471	15.359	36.826	33.7	27.300
750	16.064	15.942	37.060	38.3	27.347
800	18.001	17.859	37.778	51.6	27.437
900	16.438	16.288	37.401	37.6	27.528
1000	16.706	16.536	37.577	31.2	27.605

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1171.0	1	15.008	14.822	37.092	20.6
814.9	2	18.222	18.076	37.888	50.7
650.1	3	15.424	15.321	36.727	32.6
600.3	4	17.219	17.117	37.166	44.3
400.3	5	14.626	14.565	36.117	55.9
100.3	6	24.294	24.273	36.025	134.5
50.5	7	25.183	25.172	36.118	198.7
1.4	8	25.932	25.932	36.246	209.7

Redsox-1 Station 100
Latitude: 12 05.17 N
Longitude: 044 18.05 E
Date: 25-02-2001
Time: 2005 GMT

Rsx1-100

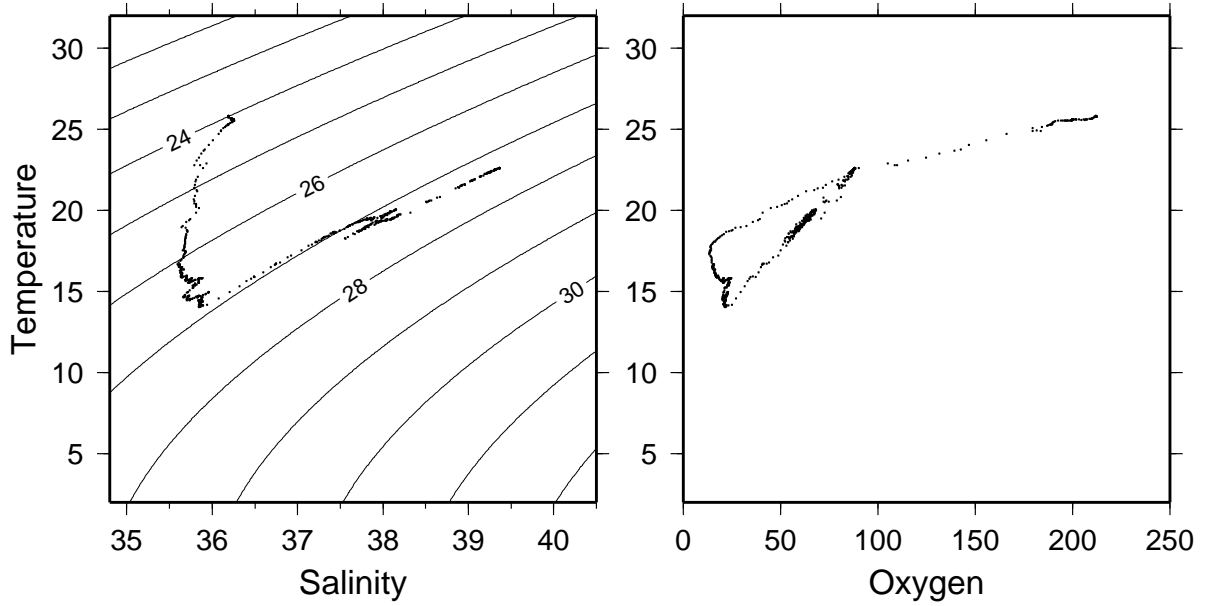
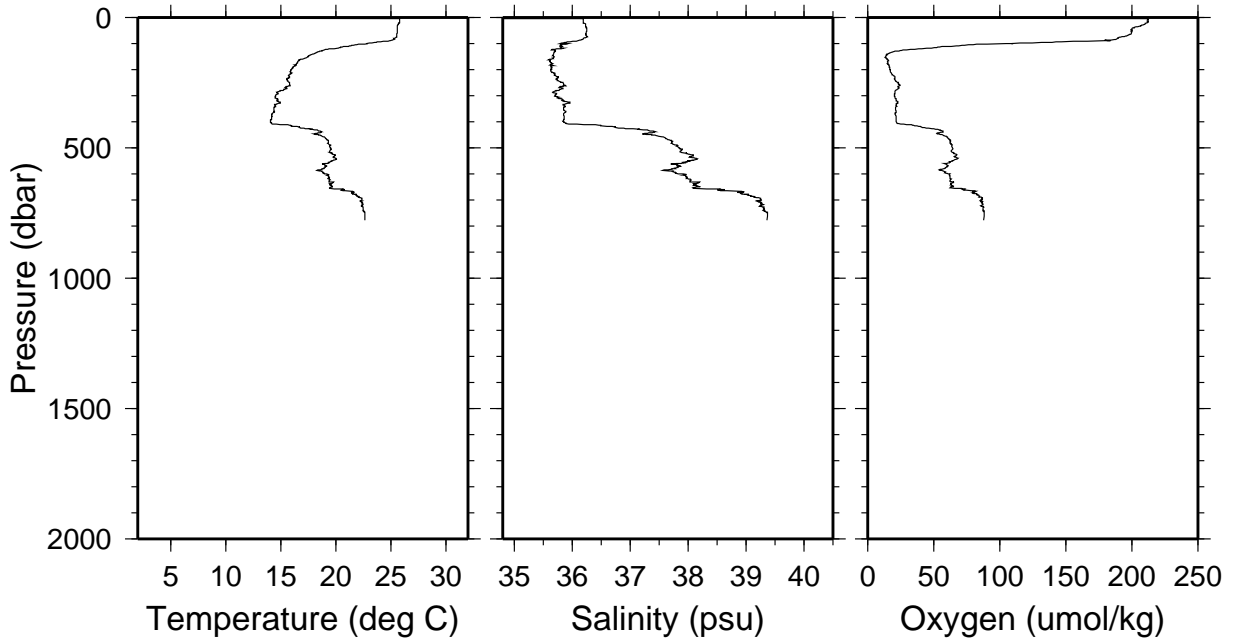


Redsox-1 **Station 101**
Latitude: 12° 17.01 N
Longitude: 044° 14.76 E
Date: 25-02-2001 2217 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.800	25.797	36.192	212.1	23.996
20	25.791	25.786	36.192	211.2	24.000
30	25.604	25.598	36.230	207.1	24.087
40	25.598	25.589	36.246	201.0	24.102
50	25.591	25.580	36.250	199.8	24.107
60	25.561	25.548	36.238	199.5	24.109
70	25.536	25.521	36.247	196.1	24.124
80	25.313	25.295	36.191	188.9	24.151
90	24.882	24.863	36.103	179.5	24.217
100	22.774	22.753	35.859	109.9	24.656
110	21.183	21.161	35.826	63.1	25.078
120	19.466	19.444	35.743	39.4	25.475
130	18.548	18.526	35.699	20.8	25.676
140	17.938	17.914	35.684	14.8	25.817
150	17.458	17.433	35.686	13.7	25.937
160	16.888	16.861	35.628	14.4	26.029
170	16.520	16.492	35.615	14.8	26.107
180	16.398	16.368	35.644	15.3	26.158
190	16.126	16.096	35.641	16.2	26.219
200	15.976	15.944	35.640	16.9	26.253
250	15.783	15.743	35.840	23.0	26.453
300	14.524	14.479	35.708	20.4	26.632
350	14.348	14.296	35.851	21.1	26.782
400	14.065	14.006	35.855	21.5	26.847
450	18.441	18.361	37.367	56.0	26.995
500	19.499	19.406	37.847	64.2	27.093
550	19.642	19.539	38.020	64.0	27.190
600	19.124	19.014	37.900	61.9	27.236
650	19.678	19.556	38.170	63.3	27.300
700	22.367	22.223	39.257	86.2	27.392
750	22.615	22.459	39.366	88.2	27.407

Redsox-1 Station 101
Latitude: 12 17.01 N
Longitude: 044 14.76 E
Date: 25-02-2001
Time: 2217 GMT

Rsx1-101



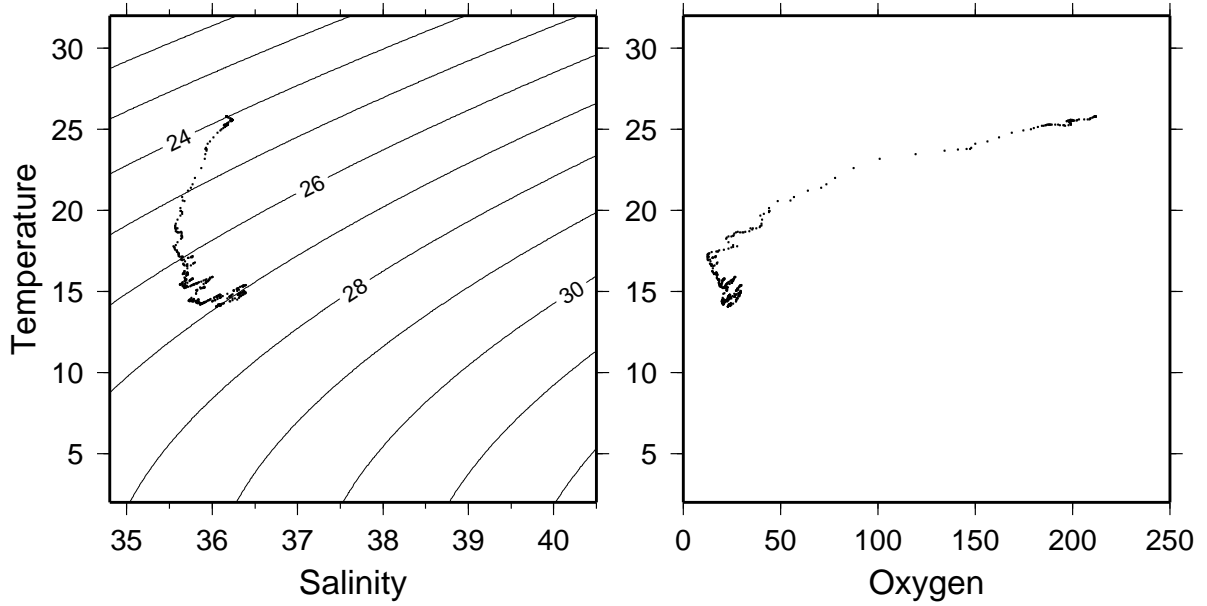
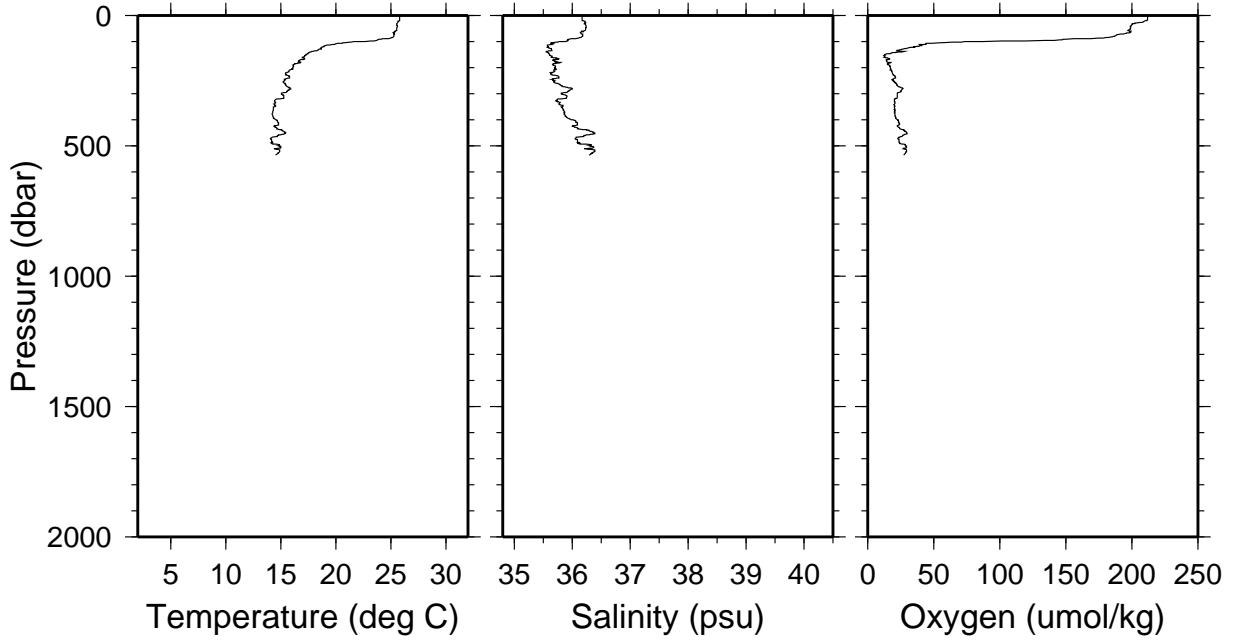
Redsox-1 **Station 102**
Latitude: 12° 19.96 N
Longitude: 044° 29.98 E
Date: 26-02-2001 0300 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.789	25.786	36.168	211.7	23.981
20	25.751	25.747	36.177	210.7	24.001
30	25.525	25.518	36.212	202.0	24.098
40	25.559	25.550	36.237	199.4	24.107
50	25.532	25.521	36.230	199.0	24.111
60	25.369	25.356	36.175	199.1	24.121
70	25.267	25.252	36.164	193.6	24.144
80	25.264	25.246	36.173	186.4	24.153
90	24.246	24.227	35.976	156.3	24.313
100	22.003	21.983	35.800	77.9	24.830
110	19.895	19.874	35.648	44.0	25.289
120	18.888	18.867	35.591	34.5	25.507
130	18.470	18.447	35.639	25.7	25.650
140	17.724	17.700	35.559	24.6	25.774
150	17.313	17.288	35.607	12.9	25.911
160	16.970	16.943	35.633	12.6	26.014
170	16.846	16.818	35.685	14.1	26.083
180	16.733	16.704	35.782	17.3	26.185
190	16.100	16.070	35.666	16.1	26.244
200	16.117	16.085	35.707	16.9	26.272
250	15.295	15.256	35.674	19.4	26.435
300	15.063	15.017	35.815	22.3	26.597
350	14.379	14.327	35.817	20.1	26.749
400	14.518	14.458	35.984	22.5	26.850
450	15.367	15.296	36.369	29.3	26.962
500	14.848	14.771	36.315	28.5	27.037

Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Bottle Data	
				Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
534.5	1	14.573	14.492	36.344	30.6
483.5	2	14.167	14.095	36.100	25.5
374.2	3	14.253	14.198	35.880	22.9
85.1	4	24.909	24.891	36.114	182.3
50.1	5	25.549	25.538	36.247	203.0
1.7	6	25.777	25.777	36.182	215.9

Redsox-1 Station 102
Latitude: 12 19.96 N
Longitude: 044 29.98 E
Date: 26-02-2001
Time: 0300 GMT

Rsx1-102

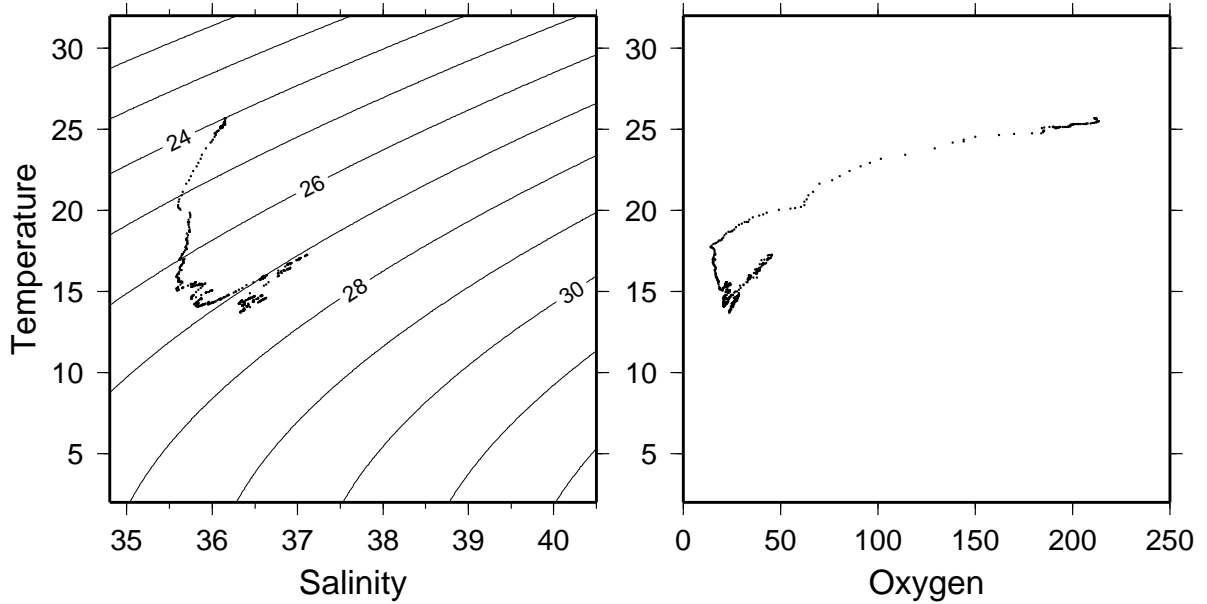
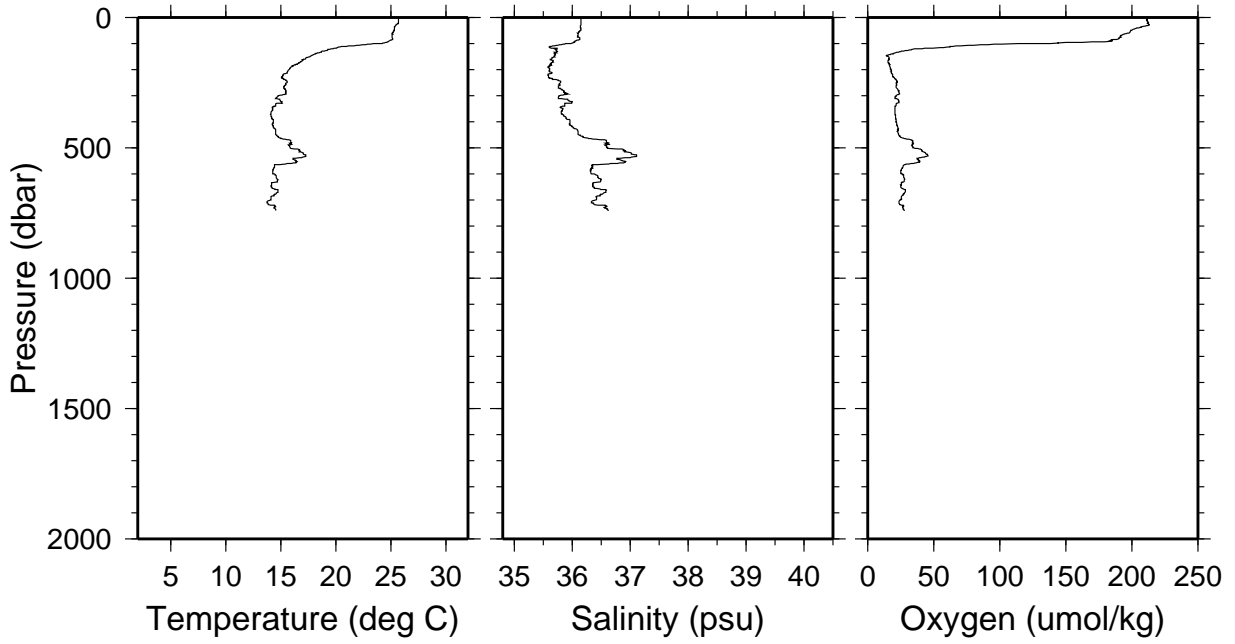


Redsox-1 **Station 103**
Latitude: 12° 14.98 N
Longitude: 044° 29.99 E
Date: 26-02-2001 0427 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.676	25.674	36.153	211.6	24.005
20	25.666	25.662	36.153	212.0	24.009
30	25.430	25.424	36.143	212.3	24.075
40	25.330	25.321	36.145	204.1	24.109
50	25.270	25.259	36.137	199.2	24.122
60	25.136	25.123	36.095	197.2	24.132
70	25.098	25.083	36.098	191.6	24.146
80	25.133	25.115	36.126	190.0	24.157
90	24.869	24.850	36.058	184.7	24.187
100	23.835	23.814	35.925	129.3	24.397
110	20.944	20.923	35.640	64.4	25.002
120	19.686	19.664	35.745	39.0	25.419
130	18.753	18.730	35.727	25.4	25.646
140	18.139	18.114	35.708	18.6	25.786
150	17.637	17.612	35.701	15.6	25.904
160	17.117	17.090	35.634	15.5	25.979
170	16.801	16.773	35.659	15.3	26.075
180	16.401	16.372	35.624	16.7	26.142
190	15.886	15.856	35.578	16.9	26.225
200	15.758	15.726	35.613	17.5	26.282
250	15.556	15.517	35.802	22.0	26.475
300	14.757	14.711	35.777	21.5	26.635
350	14.284	14.232	35.837	20.7	26.785
400	14.314	14.254	35.962	21.8	26.877
450	14.552	14.484	36.104	23.4	26.937
500	15.850	15.770	36.606	34.3	27.037
550	16.377	16.287	36.884	39.2	27.131
600	14.372	14.282	36.365	25.9	27.182
650	14.141	14.044	36.361	25.0	27.230
700	14.066	13.961	36.405	24.8	27.282

Redsox-1 Station 103
Latitude: 12 14.98 N
Longitude: 044 29.99 E
Date: 26-02-2001
Time: 0427 GMT

Rsx1-103



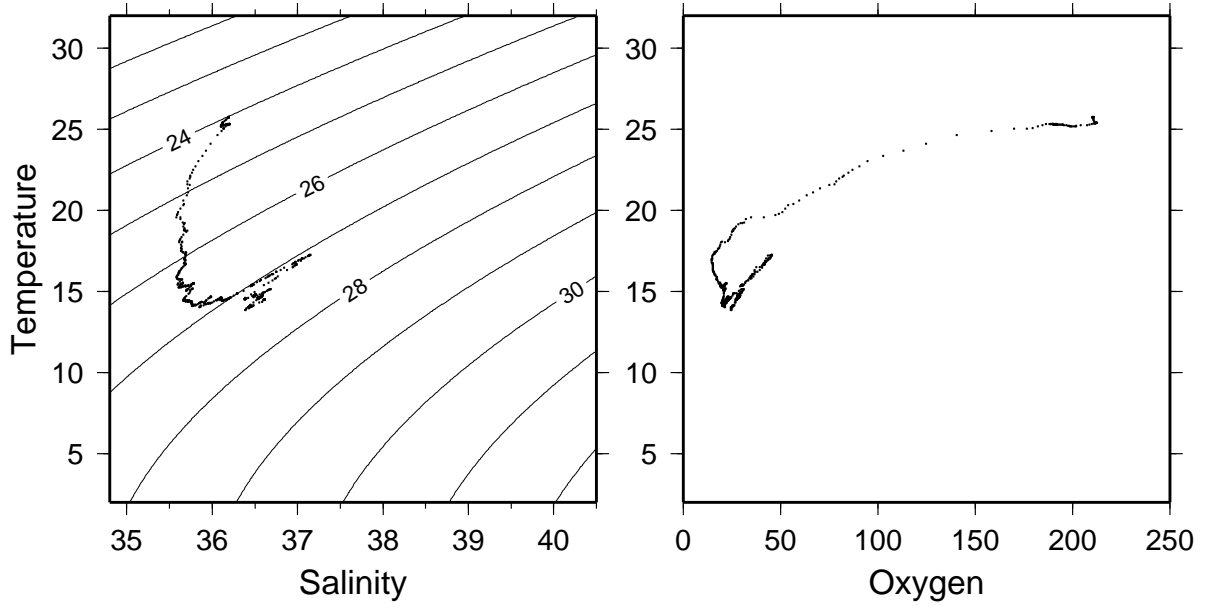
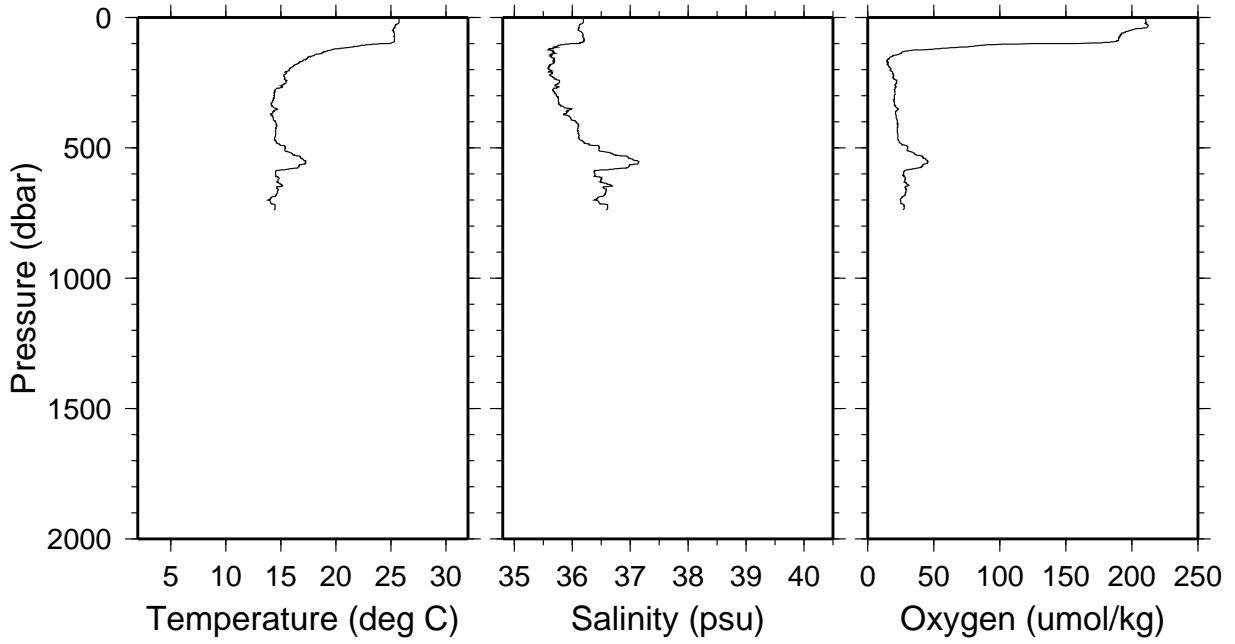
Redsox-1 **Station 104**
Latitude: 12° 10.00 N
Longitude: 044° 30.00 E
Date: 26-02-2001 0543 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.738	25.736	36.192	210.5	24.015
20	25.724	25.719	36.189	210.7	24.018
30	25.401	25.394	36.124	212.4	24.070
40	25.325	25.316	36.117	209.8	24.088
50	25.191	25.180	36.110	198.6	24.125
60	25.298	25.284	36.178	192.8	24.144
70	25.300	25.284	36.184	191.2	24.149
80	25.322	25.304	36.200	190.0	24.156
90	25.327	25.308	36.204	188.8	24.157
100	24.642	24.620	36.064	140.3	24.261
110	21.969	21.947	35.739	80.0	24.794
120	20.110	20.088	35.628	52.4	25.217
130	19.145	19.122	35.669	28.3	25.502
140	18.366	18.341	35.641	24.2	25.678
150	17.660	17.634	35.644	18.0	25.855
160	17.278	17.252	35.679	15.4	25.975
170	16.747	16.719	35.672	14.9	26.097
180	16.358	16.329	35.634	15.3	26.160
190	16.018	15.988	35.600	16.2	26.212
200	15.742	15.710	35.606	17.4	26.280
250	15.480	15.441	35.777	21.9	26.473
300	14.368	14.323	35.717	20.2	26.672
350	14.662	14.609	35.981	23.1	26.815
400	14.503	14.443	36.063	22.3	26.914
450	14.509	14.441	36.114	23.0	26.954
500	15.416	15.337	36.472	30.3	27.032
550	17.220	17.126	37.133	45.3	27.122
600	14.543	14.452	36.389	27.2	27.164
650	14.627	14.528	36.537	28.4	27.262
700	13.868	13.765	36.386	24.6	27.308

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
737.0	1	14.368	14.256	36.606	28.9
600.2	2	14.548	14.457	36.408	28.1
559.7	3	17.102	17.007	37.040	42.2
449.8	4	14.512	14.444	36.127	24.4
95.5	5	25.018	24.997	36.040	145.9
51.5	6	25.287	25.276	36.172	198.0

Redsox-1 Station 104
Latitude: 12 10.00 N
Longitude: 044 30.00 E
Date: 26-02-2001
Time: 0543 GMT

Rsx1-104

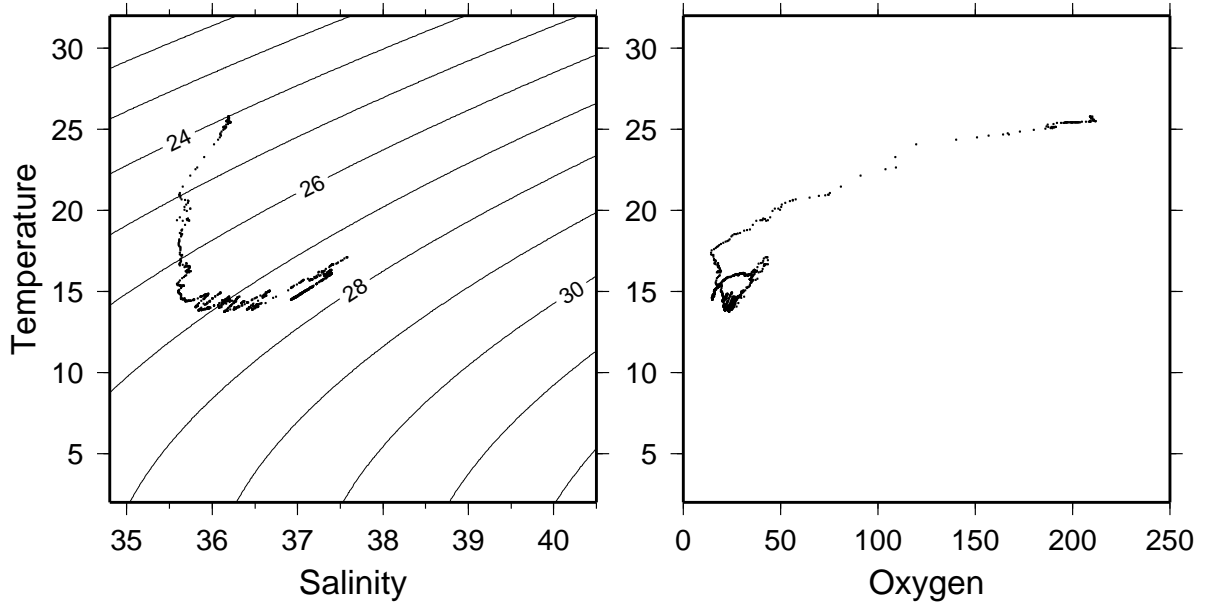
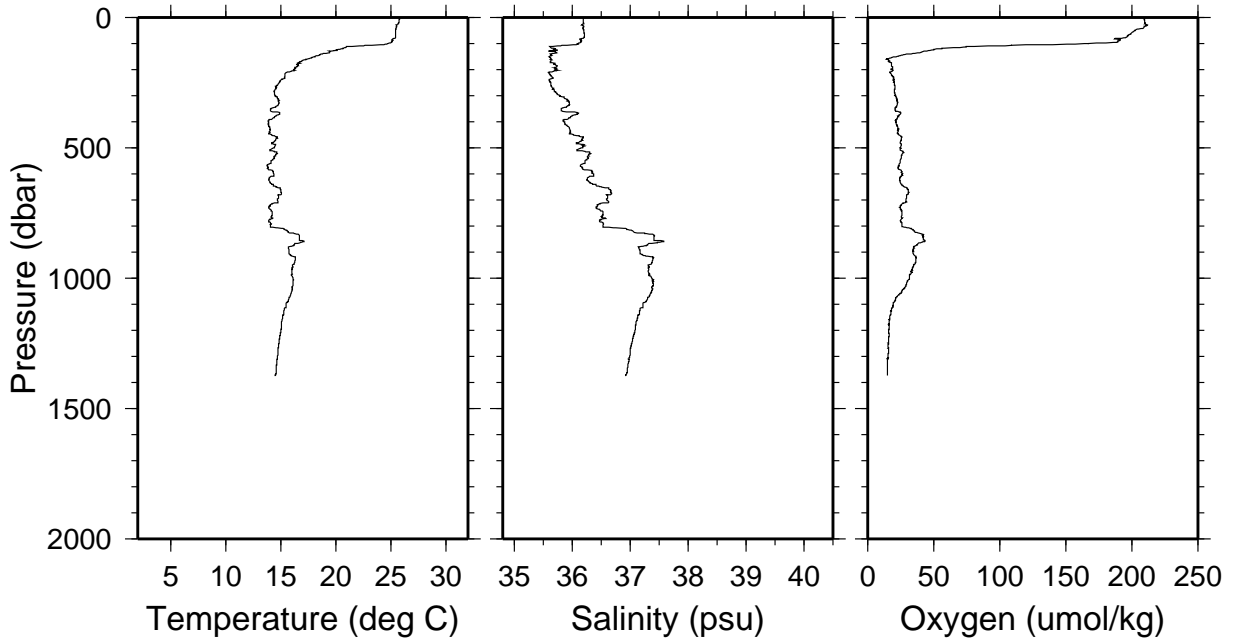


Redsox-1 **Station 105**
Latitude: 12° 2.47 N
Longitude: 044° 29.99 E
Date: 26-02-2001 0725 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.731	25.729	36.191	209.5	24.017
20	25.714	25.710	36.194	209.7	24.025
30	25.511	25.504	36.176	211.5	24.076
40	25.469	25.461	36.183	208.9	24.094
50	25.423	25.412	36.200	202.2	24.122
60	25.419	25.406	36.205	199.6	24.127
70	25.421	25.406	36.210	196.9	24.131
80	25.331	25.313	36.181	190.1	24.138
90	25.132	25.113	36.161	189.3	24.184
100	24.690	24.669	36.094	167.2	24.269
110	21.471	21.450	35.658	80.9	24.871
120	20.570	20.547	35.721	54.6	25.166
130	19.374	19.351	35.655	42.6	25.432
140	18.749	18.725	35.639	31.2	25.580
150	18.083	18.057	35.611	21.6	25.726
160	17.295	17.268	35.618	14.4	25.925
170	16.760	16.733	35.622	15.9	26.056
180	16.524	16.495	35.696	18.1	26.168
190	16.392	16.361	35.722	18.8	26.220
200	16.164	16.132	35.703	17.8	26.258
250	14.835	14.797	35.628	20.2	26.501
300	14.503	14.458	35.785	20.8	26.696
350	14.086	14.035	35.810	20.6	26.806
400	13.854	13.796	35.855	21.3	26.892
450	14.143	14.076	36.020	23.4	26.960
500	14.327	14.253	36.154	24.9	27.026
550	14.122	14.040	36.217	24.6	27.119
600	14.376	14.286	36.369	26.0	27.185
650	14.578	14.478	36.495	27.8	27.240
700	14.693	14.585	36.601	28.9	27.299
750	14.208	14.096	36.526	25.8	27.347
800	14.067	13.947	36.533	25.7	27.383
900	15.743	15.597	37.168	34.3	27.510
1000	16.087	15.922	37.371	31.4	27.591
1250	14.832	14.635	37.029	15.6	27.619

Redsox-1 Station 105
Latitude: 12 02.47 N
Longitude: 044 29.99 E
Date: 26-02-2001
Time: 0725 GMT

Rsx1-105



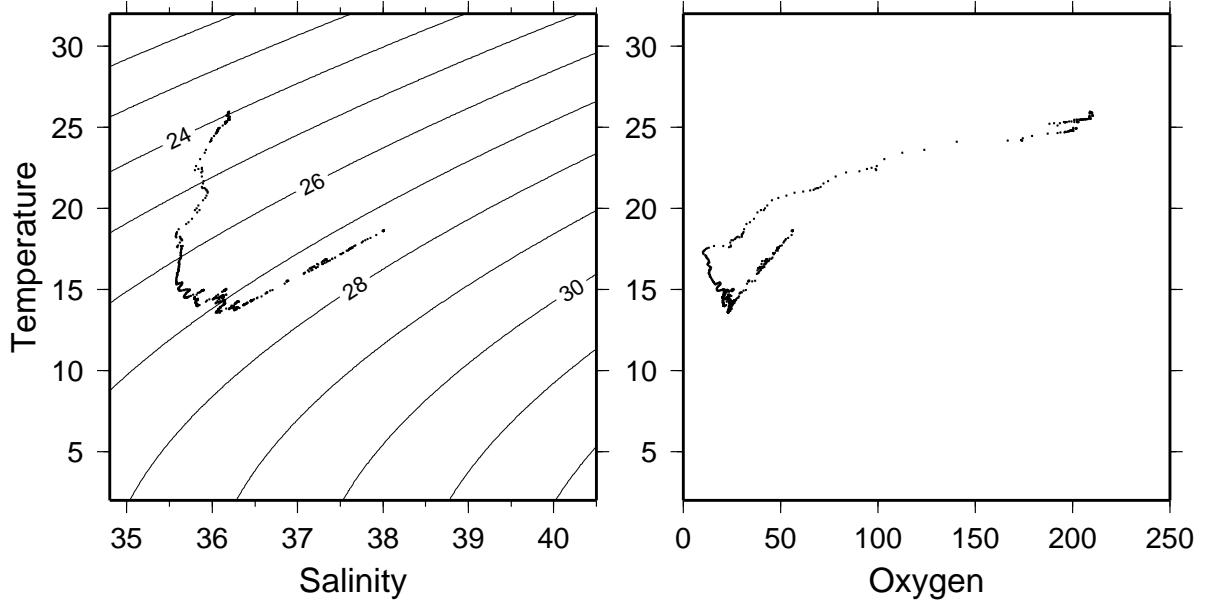
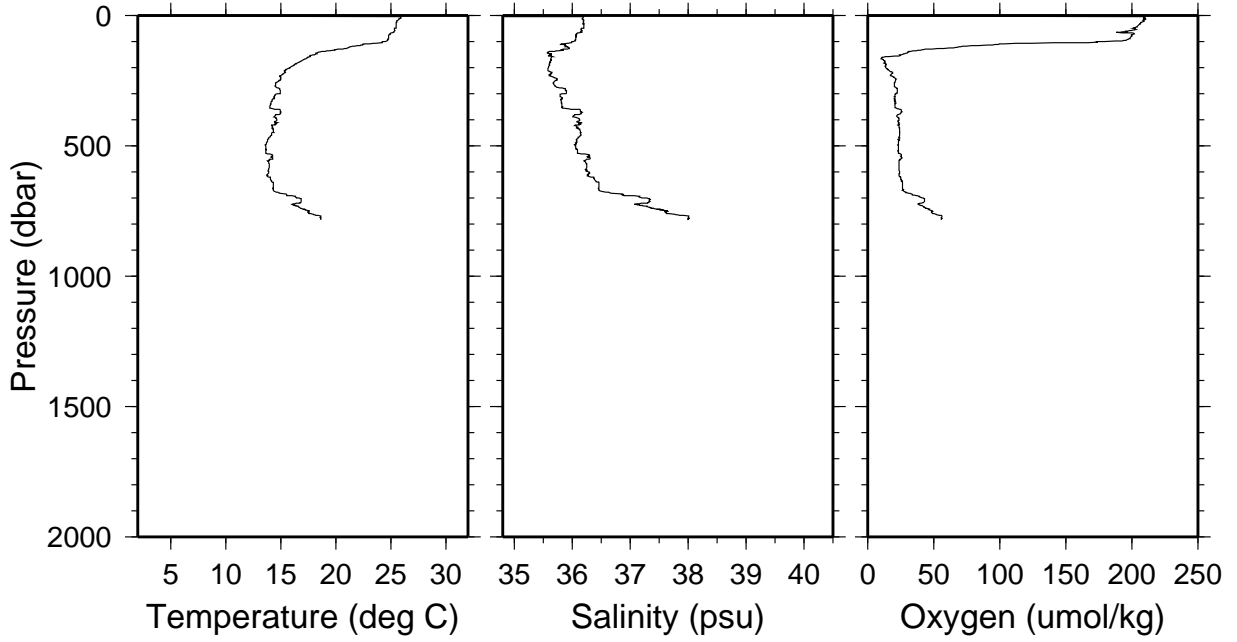
Redsox-1 **Station 106**
Latitude: 11° 56.01 N
Longitude: 044° 29.81 E
Date: 26-02-2001 0923 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.906	25.904	36.192	208.7	23.963
20	25.549	25.545	36.188	209.2	24.072
30	25.487	25.480	36.195	206.5	24.097
40	25.472	25.463	36.196	204.4	24.103
50	25.335	25.324	36.156	202.3	24.116
60	25.330	25.317	36.169	196.2	24.128
70	24.928	24.912	36.076	201.9	24.181
80	24.799	24.782	36.066	200.0	24.213
90	24.755	24.736	36.060	197.9	24.223
100	24.309	24.287	35.997	174.5	24.311
110	22.357	22.335	35.801	99.2	24.732
120	21.254	21.231	35.885	69.5	25.105
130	20.170	20.146	35.838	43.2	25.363
140	18.469	18.445	35.582	30.6	25.607
150	18.047	18.021	35.640	25.6	25.757
160	17.502	17.475	35.640	11.6	25.891
170	17.044	17.016	35.638	11.7	26.000
180	16.628	16.598	35.614	12.7	26.081
190	16.198	16.168	35.607	13.5	26.176
200	15.823	15.792	35.587	13.7	26.247
250	14.863	14.825	35.713	20.9	26.560
300	14.817	14.771	35.851	21.2	26.679
350	13.994	13.943	35.823	20.6	26.835
400	14.656	14.595	36.132	23.8	26.934
450	14.212	14.145	36.143	24.0	27.040
500	13.616	13.543	36.054	23.1	27.098
550	14.238	14.155	36.299	25.0	27.159
600	13.902	13.814	36.283	24.0	27.219
650	14.306	14.208	36.457	26.4	27.269
700	16.544	16.427	37.241	41.7	27.372
750	17.586	17.455	37.645	49.0	27.435

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
783.5	1	18.623	18.481	38.012	55.7
715.0	2	16.910	16.789	37.291	41.3
649.0	3	14.302	14.204	36.470	27.7
499.4	4	13.612	13.540	36.068	24.0
347.1	5	13.999	13.948	35.839	21.1
100.3	6	24.191	24.170	36.000	165.2
50.0	7	25.275	25.264	36.154	206.3
2.3	8	26.118	26.117	36.218	213.5

Redsox-1 Station 106
Latitude: 11 56.01 N
Longitude: 044 29.81 E
Date: 26-02-2001
Time: 0923 GMT

Rsx1-106

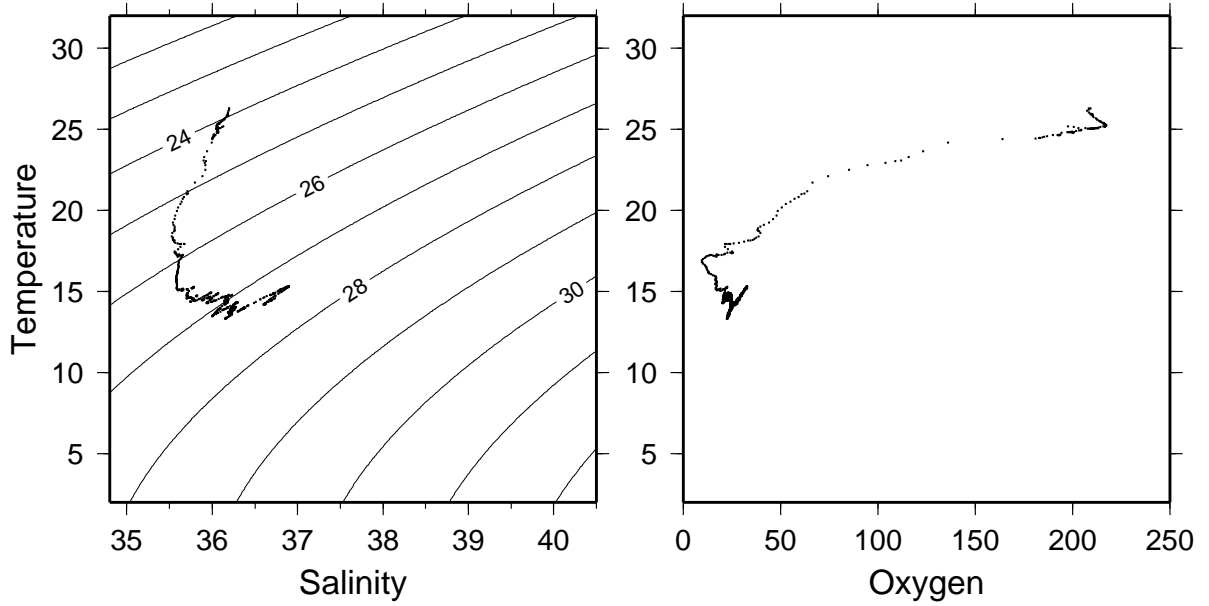
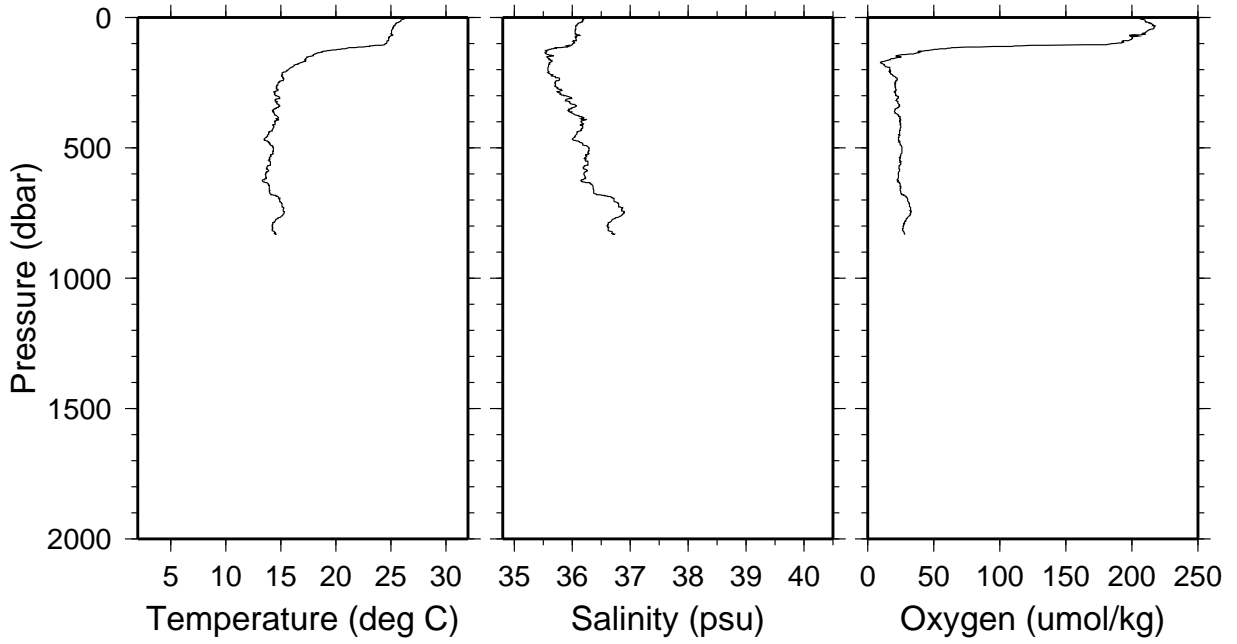


Redsox-1 **Station 107**
Latitude: 11° 53.78 N
Longitude: 044° 27.69 E
Date: 26-02-2001 1042 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.924	25.922	36.185	209.6	23.952
20	25.594	25.589	36.137	212.5	24.019
30	25.356	25.350	36.077	215.9	24.048
40	25.177	25.168	36.057	216.6	24.089
50	25.065	25.054	36.053	212.4	24.121
60	25.040	25.027	36.052	209.5	24.128
70	24.954	24.938	36.071	204.5	24.170
80	24.814	24.796	36.064	200.6	24.208
90	24.673	24.654	36.023	193.6	24.219
100	24.519	24.498	36.016	185.5	24.262
110	23.041	23.019	35.929	108.9	24.633
120	20.715	20.692	35.652	57.1	25.074
130	18.893	18.870	35.559	38.5	25.482
140	18.126	18.102	35.557	33.3	25.674
150	17.455	17.430	35.561	24.9	25.841
160	17.253	17.227	35.612	17.1	25.930
170	17.066	17.038	35.635	10.9	25.993
180	16.437	16.408	35.601	12.0	26.116
190	16.016	15.986	35.585	15.3	26.201
200	15.688	15.656	35.584	16.7	26.275
250	14.795	14.757	35.703	20.8	26.568
300	14.582	14.537	35.863	21.8	26.740
350	14.482	14.430	35.981	21.3	26.853
400	14.433	14.373	36.148	24.3	26.995
450	13.845	13.779	36.065	23.8	27.057
500	14.325	14.250	36.289	26.0	27.130
550	13.949	13.868	36.233	24.5	27.169
600	13.618	13.531	36.200	23.0	27.213
650	13.933	13.837	36.357	24.8	27.271
700	14.883	14.774	36.723	30.2	27.352
750	15.278	15.159	36.886	32.6	27.391
800	14.206	14.085	36.607	26.8	27.412

Redsox-1 Station 107
Latitude: 11 53.78 N
Longitude: 044 27.69 E
Date: 26-02-2001
Time: 1042 GMT

Rsx1-107



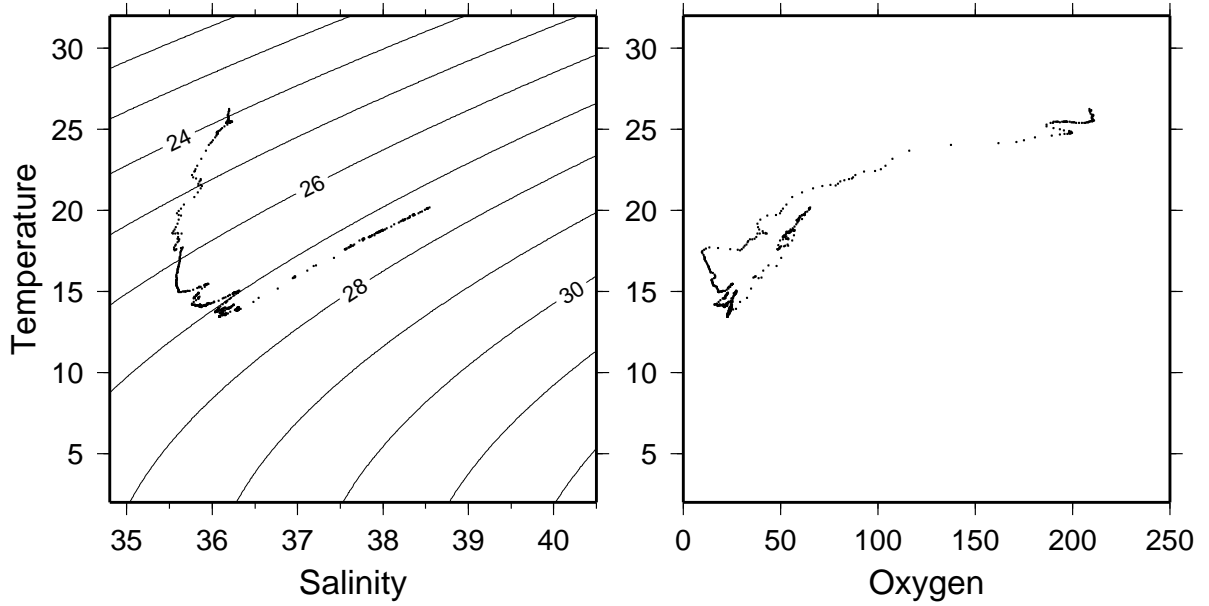
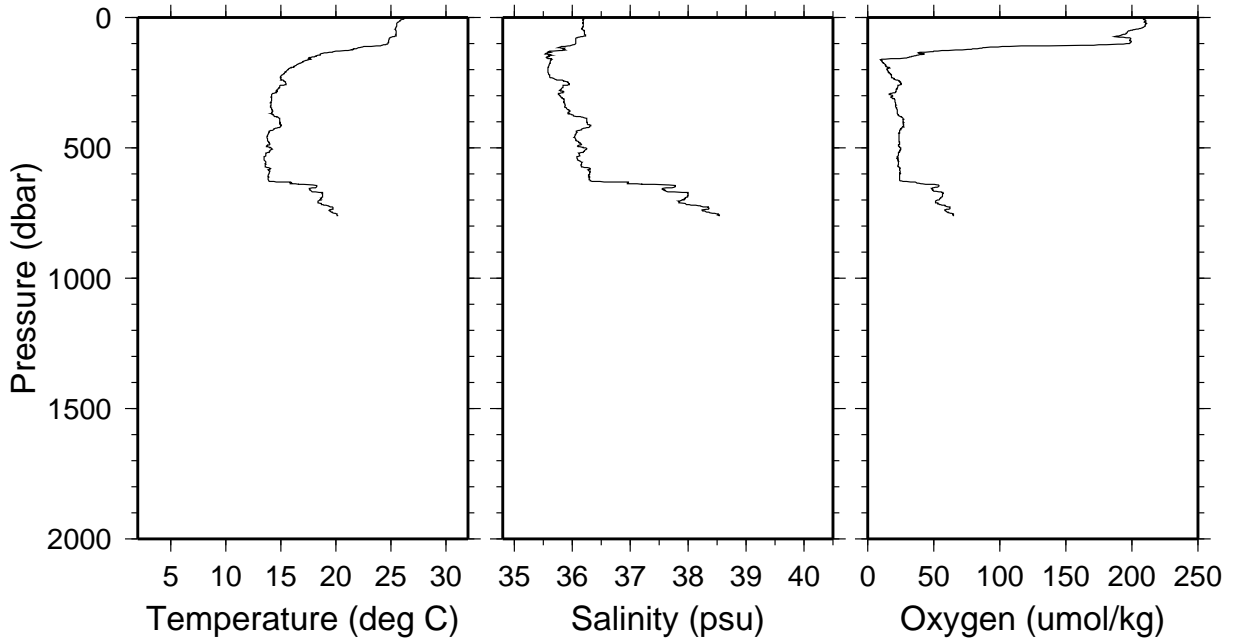
Redsox-1 **Station 108**
Latitude: 11° 50.46 N
Longitude: 044° 20.08 E
Date: 26-02-2001 1218 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.879	25.876	36.185	210.3	23.966
20	25.583	25.579	36.187	210.5	24.060
30	25.518	25.511	36.190	210.3	24.083
40	25.431	25.422	36.171	207.6	24.097
50	25.440	25.429	36.197	199.3	24.115
60	25.462	25.449	36.215	195.9	24.122
70	25.454	25.438	36.227	190.1	24.134
80	24.833	24.815	36.061	199.2	24.200
90	24.795	24.776	36.057	198.9	24.209
100	24.730	24.708	36.060	197.4	24.231
110	23.186	23.163	35.873	107.6	24.549
120	21.784	21.760	35.853	80.6	24.933
130	19.978	19.954	35.610	50.2	25.239
140	18.576	18.552	35.541	42.8	25.548
150	18.043	18.018	35.593	33.0	25.722
160	17.646	17.619	35.645	11.5	25.860
170	17.009	16.981	35.622	11.1	25.997
180	16.500	16.471	35.604	13.1	26.103
190	16.141	16.110	35.590	15.1	26.177
200	15.673	15.642	35.582	14.7	26.277
250	15.438	15.399	35.930	24.9	26.600
300	14.177	14.133	35.791	18.7	26.771
350	14.141	14.089	35.906	21.9	26.869
400	14.901	14.840	36.246	26.9	26.969
450	13.818	13.753	36.055	23.8	27.055
500	13.984	13.910	36.189	24.9	27.126
550	13.566	13.487	36.130	23.0	27.169
600	13.913	13.825	36.296	24.4	27.226
650	18.239	18.123	37.769	53.4	27.364
700	18.592	18.466	37.919	53.2	27.392
750	19.826	19.684	38.418	62.6	27.456

Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Bottle Data	
				Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
760.3	1	20.209	20.063	38.552	64.6
649.2	2	18.211	18.095	37.747	51.9
599.9	3	13.932	13.843	36.316	25.9
399.4	4	14.891	14.830	36.255	27.9
202.6	5	15.634	15.602	35.599	15.2
99.8	6	24.634	24.613	36.051	182.9
50.5	7	25.431	25.420	36.207	197.8
1.9	8	26.255	26.255	36.216	208.9

Redsox-1 Station 108
Latitude: 11 50.46 N
Longitude: 044 20.08 E
Date: 26-02-2001
Time: 1218 GMT

Rsx1-108

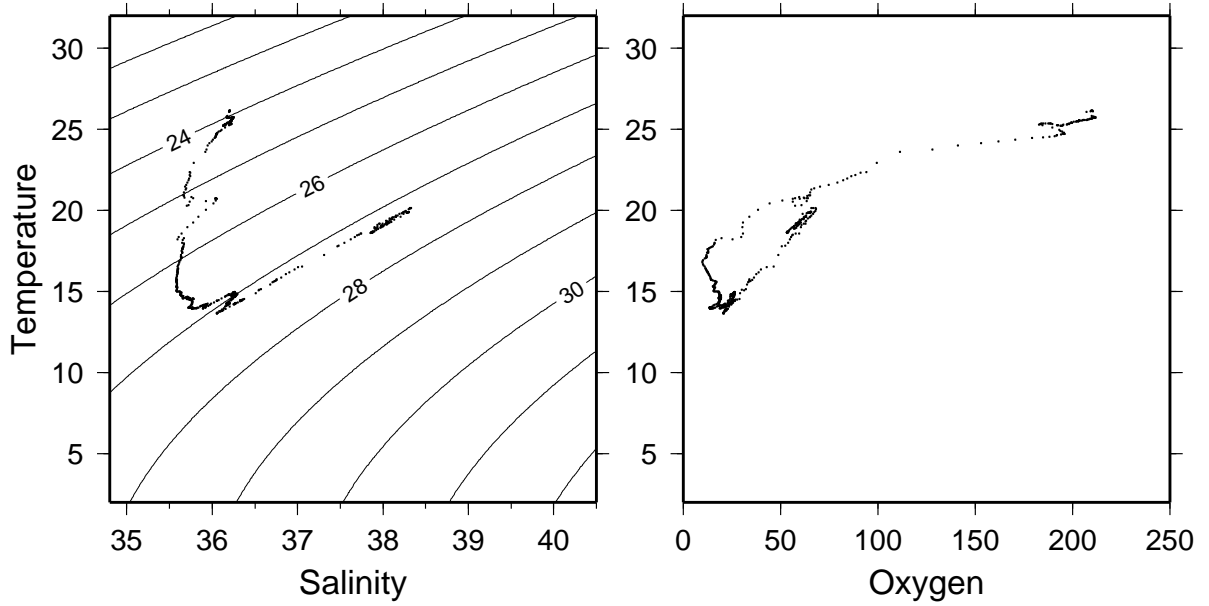
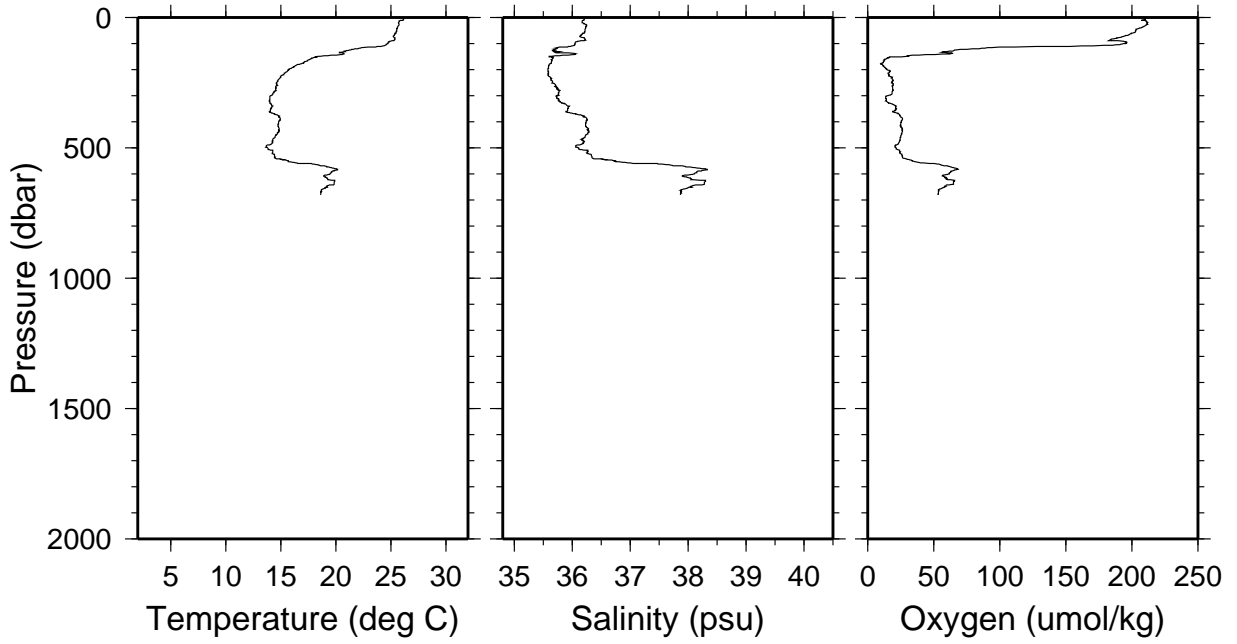


Redsox-1 **Station 109**
Latitude: 11° 46.44 N
Longitude: 044° 11.66 E
Date: 26-02-2001 1417 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.098	26.096	36.204	209.3	23.912
20	25.703	25.698	36.178	211.5	24.016
30	25.709	25.702	36.247	210.3	24.067
40	25.571	25.562	36.226	206.4	24.095
50	25.519	25.508	36.222	203.2	24.108
60	25.438	25.425	36.194	199.4	24.113
70	25.237	25.221	36.133	194.8	24.130
80	25.355	25.337	36.211	188.2	24.153
90	25.091	25.072	36.152	189.5	24.190
100	24.699	24.677	36.053	195.1	24.235
110	24.129	24.106	35.968	153.1	24.343
120	21.872	21.849	35.724	82.2	24.811
130	20.802	20.778	35.678	61.9	25.071
140	20.726	20.700	36.036	59.9	25.365
150	18.220	18.194	35.597	25.3	25.681
160	17.641	17.614	35.651	13.1	25.866
170	17.141	17.113	35.637	11.9	25.976
180	16.602	16.573	35.602	10.4	26.078
190	16.167	16.136	35.592	12.5	26.172
200	15.712	15.681	35.584	14.4	26.270
250	14.623	14.585	35.662	18.1	26.573
300	14.081	14.037	35.738	14.9	26.750
350	14.093	14.042	35.918	21.3	26.889
400	14.801	14.740	36.236	25.3	26.983
450	14.578	14.510	36.241	25.4	27.037
500	13.807	13.734	36.110	21.5	27.101
550	15.678	15.590	36.745	33.8	27.185
600	19.456	19.344	38.097	61.6	27.300
650	19.143	19.023	38.043	58.7	27.343

Redsox-1 Station 109
Latitude: 11 46.44 N
Longitude: 044 11.66 E
Date: 26-02-2001
Time: 1417 GMT

Rsx1-109



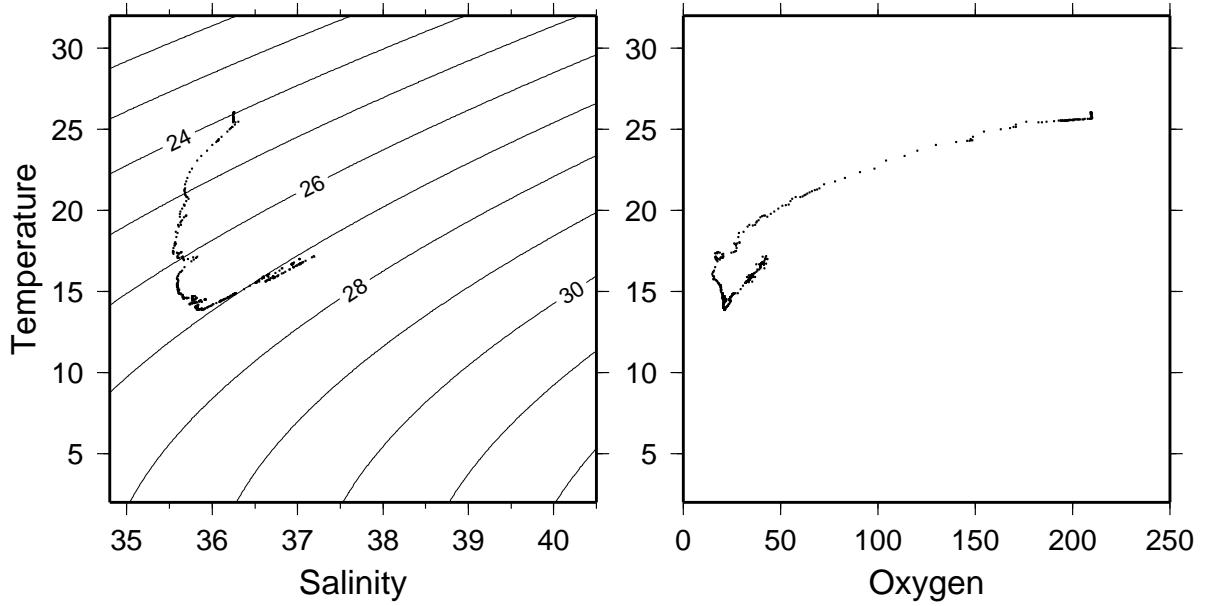
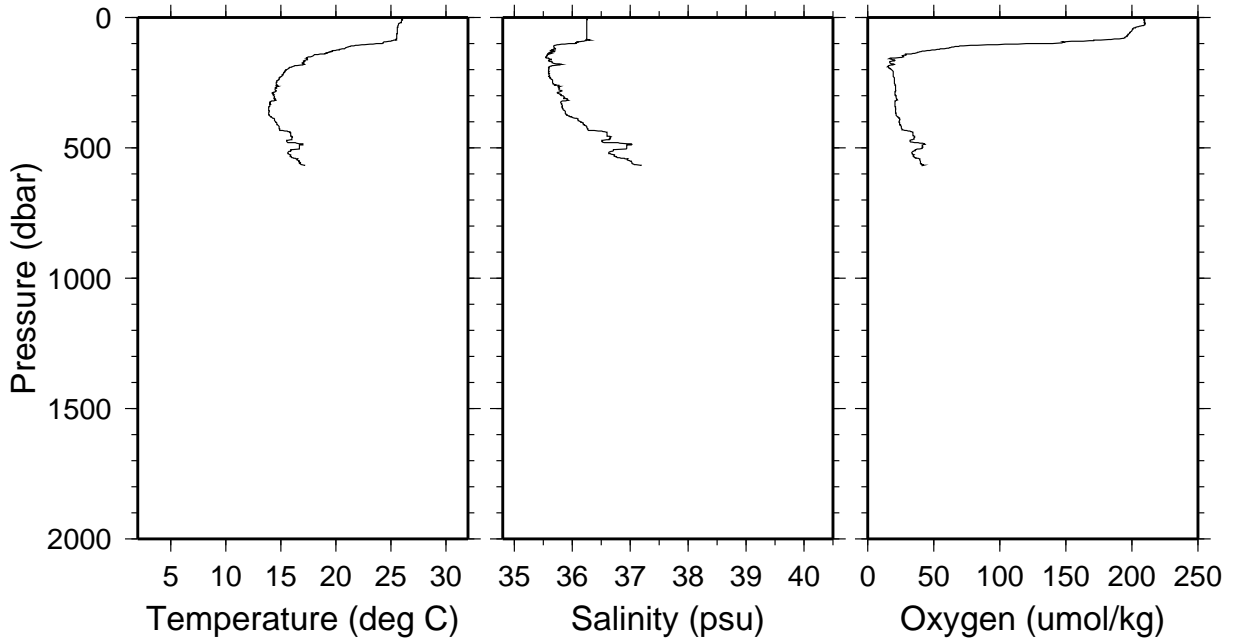
Redsox-1 **Station 110**
Latitude: 11° 42.14 N
Longitude: 044° 2.45 E
Date: 26-02-2001 1555 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.024	26.022	36.255	209.1	23.974
20	25.858	25.854	36.247	209.7	24.020
30	25.651	25.644	36.247	208.9	24.085
40	25.603	25.594	36.251	202.2	24.104
50	25.577	25.566	36.252	200.0	24.113
60	25.556	25.543	36.251	198.3	24.120
70	25.536	25.521	36.249	196.6	24.126
80	25.523	25.506	36.252	193.9	24.132
90	25.069	25.049	36.221	167.9	24.249
100	24.019	23.997	36.004	129.9	24.403
110	21.301	21.279	35.677	68.8	24.933
120	20.727	20.704	35.723	55.9	25.125
130	19.680	19.657	35.697	41.4	25.384
140	18.691	18.666	35.573	30.8	25.544
150	17.673	17.648	35.548	27.3	25.779
160	17.415	17.388	35.635	17.7	25.909
170	17.133	17.105	35.653	16.6	25.990
180	17.079	17.049	35.811	20.3	26.125
190	15.925	15.895	35.595	15.8	26.229
200	15.500	15.468	35.593	18.1	26.325
250	14.599	14.561	35.661	20.2	26.578
300	14.332	14.288	35.825	21.2	26.763
350	13.897	13.846	35.838	21.2	26.867
400	14.519	14.458	36.144	23.5	26.973
450	15.878	15.806	36.600	34.3	27.024
500	16.699	16.616	36.940	41.4	27.097
550	16.625	16.534	37.000	39.7	27.162

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
567.6	1	17.178	17.081	37.175	42.9
503.5	2	16.677	16.593	36.934	40.5
402.7	3	14.509	14.448	36.153	24.6
352.1	4	13.883	13.832	35.855	22.0
302.2	5	14.500	14.455	35.913	22.6
100.8	6	23.747	23.726	35.983	129.3
50.9	7	25.579	25.568	36.265	199.6
1.7	8	26.047	26.047	36.270	211.4

Redsox-1 Station 110
Latitude: 11 42.14 N
Longitude: 044 02.45 E
Date: 26-02-2001
Time: 1555 GMT

Rsx1-110

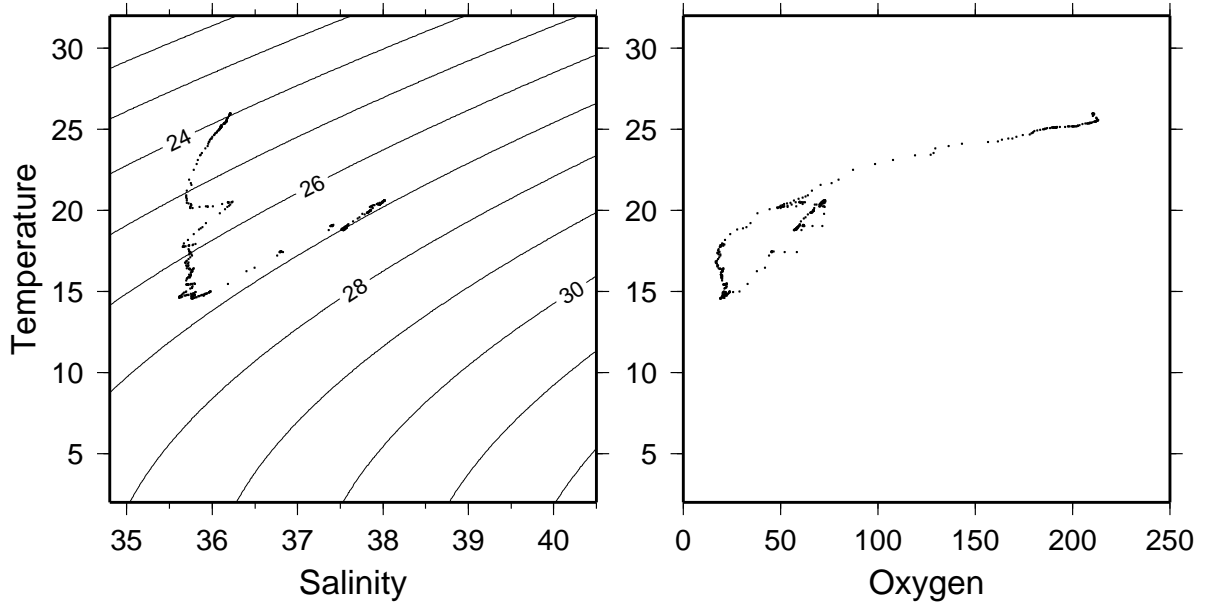
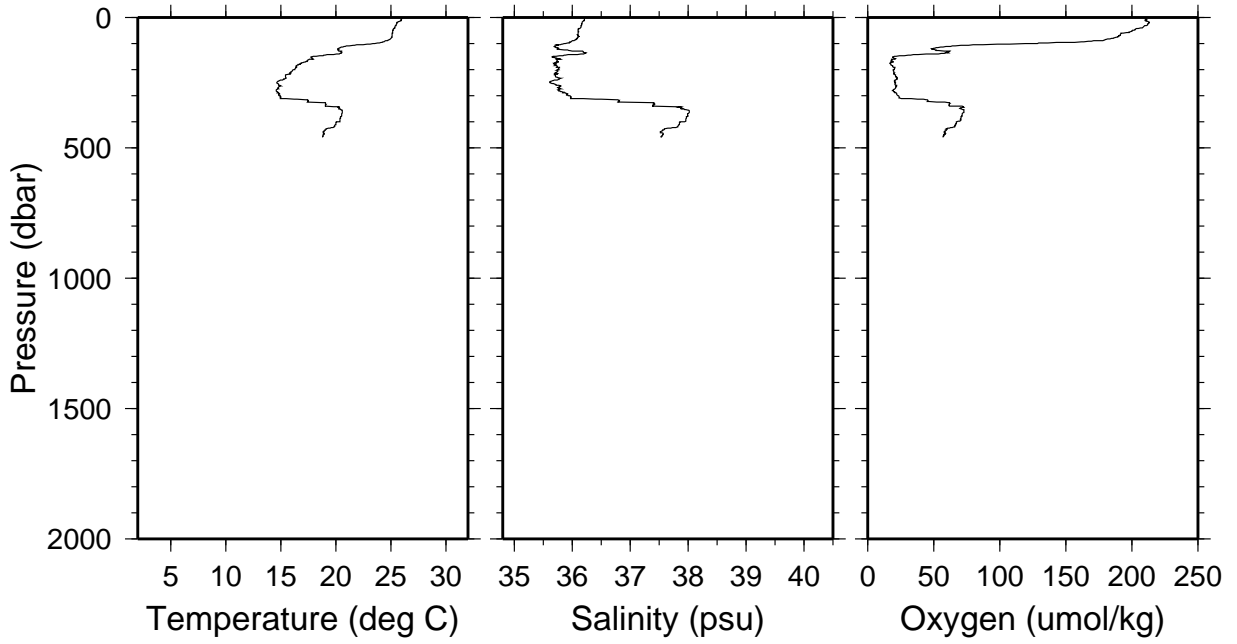


Redsox-1 **Station 111**
Latitude: 11° 37.84 N
Longitude: 043° 53.64 E
Date: 26-02-2001 1736 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.932	25.930	36.208	210.9	23.967
20	25.553	25.549	36.168	212.9	24.056
30	25.470	25.464	36.164	210.9	24.079
40	25.351	25.342	36.141	207.5	24.099
50	25.180	25.169	36.102	200.5	24.122
60	25.131	25.118	36.104	191.8	24.140
70	25.108	25.093	36.106	190.1	24.149
80	25.005	24.987	36.087	185.5	24.167
90	24.524	24.504	36.004	171.0	24.250
100	23.434	23.413	35.866	127.0	24.470
110	20.863	20.842	35.693	62.9	25.065
120	20.183	20.160	35.743	48.7	25.286
130	20.502	20.478	36.181	62.4	25.535
140	20.212	20.186	36.180	50.2	25.613
150	17.813	17.788	35.660	19.4	25.830
160	17.840	17.812	35.773	19.1	25.911
170	17.275	17.246	35.760	19.2	26.039
180	16.614	16.585	35.698	17.5	26.149
190	16.368	16.337	35.734	19.8	26.234
200	16.226	16.194	35.766	19.9	26.292
250	14.619	14.581	35.615	21.0	26.538
300	14.889	14.844	35.941	23.1	26.732
350	20.268	20.201	37.876	70.5	26.903
400	20.126	20.050	37.880	67.2	26.947
450	18.860	18.779	37.556	58.0	27.033

Redsox-1 Station 111
Latitude: 11 37.84 N
Longitude: 043 53.64 E
Date: 26-02-2001
Time: 1736 GMT

Rsx1-111



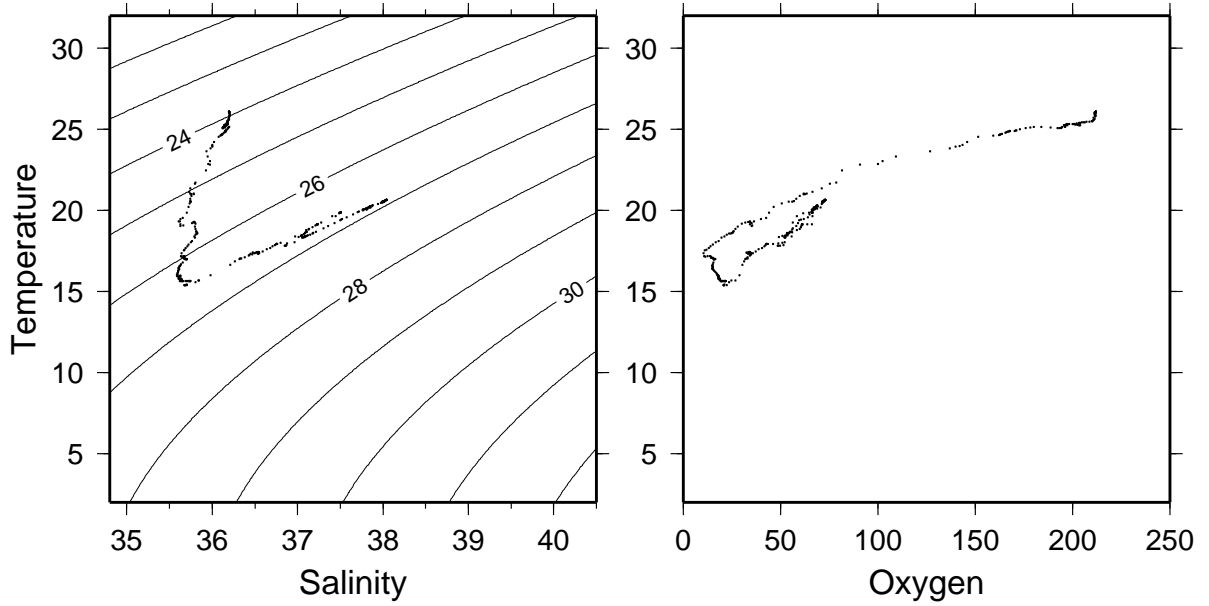
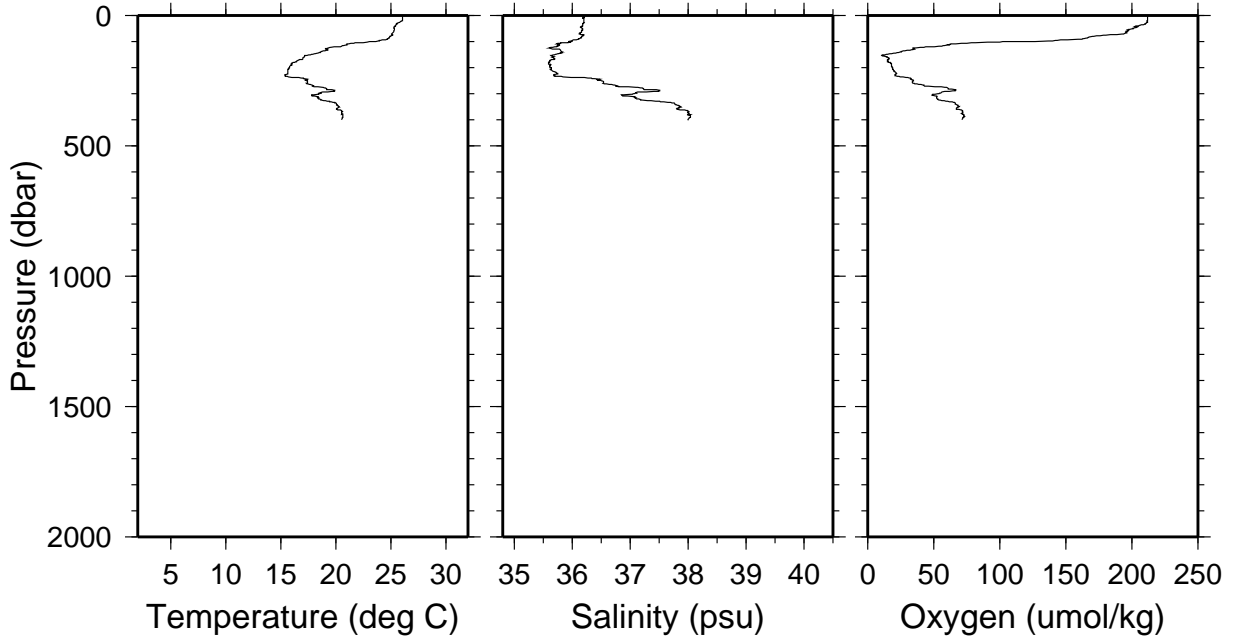
Redsox-1 **Station 112**
Latitude: 11° 35.11 N
Longitude: 043° 48.21 E
Date: 26-02-2001 1853 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.063	26.061	36.195	211.9	23.916
20	26.038	26.033	36.198	211.4	23.927
30	25.576	25.570	36.192	210.6	24.067
40	25.408	25.399	36.179	203.9	24.110
50	25.308	25.297	36.175	200.8	24.138
60	25.254	25.240	36.163	195.8	24.147
70	25.069	25.053	36.121	194.1	24.172
80	24.912	24.894	36.160	171.0	24.250
90	24.678	24.658	36.112	162.8	24.286
100	23.309	23.288	35.946	109.1	24.567
110	21.000	20.978	35.749	61.9	25.070
120	20.231	20.208	35.721	46.4	25.257
130	19.259	19.236	35.777	34.5	25.554
140	18.601	18.576	35.824	25.0	25.759
150	17.684	17.658	35.691	13.0	25.885
160	17.077	17.051	35.666	14.5	26.013
170	16.671	16.643	35.637	15.0	26.088
180	16.218	16.189	35.601	16.4	26.166
190	15.939	15.909	35.616	17.8	26.243
200	15.797	15.766	35.637	18.7	26.292
250	17.348	17.305	36.494	34.7	26.587
300	18.472	18.419	37.050	53.7	26.737
350	20.319	20.252	37.883	68.7	26.895
400	20.509	20.433	37.995	71.4	26.931

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
400.6	1	20.536	20.459	38.014	71.4
352.3	2	20.052	19.986	37.808	64.8
252.9	3	17.319	17.276	36.484	34.5
202.8	4	15.718	15.686	35.649	19.5
151.9	5	17.172	17.147	35.666	8.5
101.1	6	23.077	23.056	35.984	107.7
51.0	7	25.314	25.303	36.191	197.5
3.4	8	26.030	26.029	36.209	212.8

Redsox-1 Station 112
Latitude: 11 35.11 N
Longitude: 043 48.21 E
Date: 26-02-2001
Time: 1853 GMT

Rsx1-112

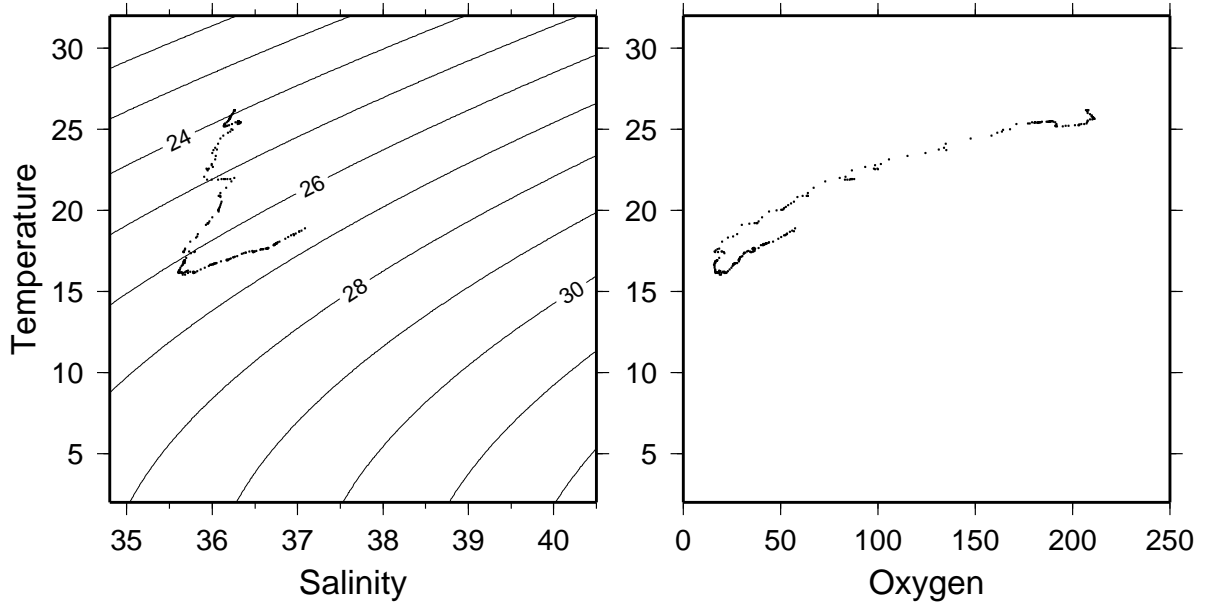
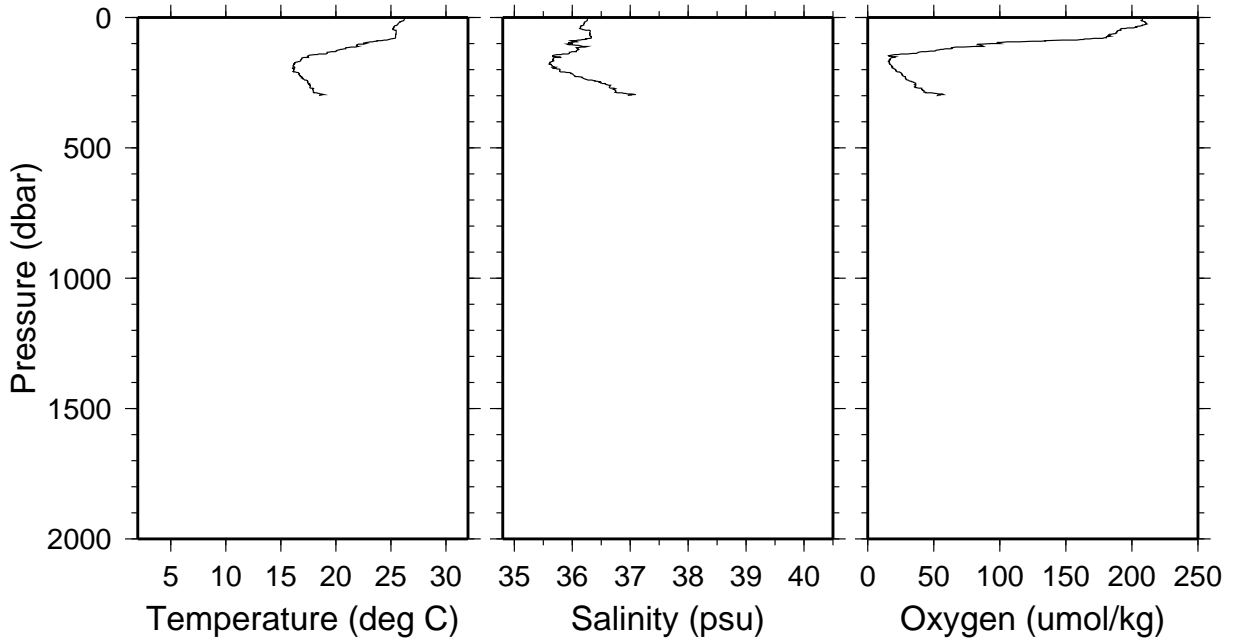


Redsox-1 **Station 113**
Latitude: 11° 32.99 N
Longitude: 043° 43.89 E
Date: 26-02-2001 2002 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.190	26.187	36.262	207.8	23.927
20	25.735	25.731	36.210	210.5	24.031
30	25.485	25.478	36.181	207.8	24.087
40	25.229	25.220	36.138	198.0	24.135
50	25.475	25.464	36.301	190.2	24.182
60	25.476	25.463	36.304	187.9	24.185
70	25.421	25.406	36.307	183.8	24.205
80	25.340	25.323	36.315	177.1	24.236
90	23.717	23.699	36.012	135.2	24.497
100	22.555	22.535	35.961	99.6	24.797
110	21.922	21.900	36.176	87.8	25.140
120	20.892	20.869	36.094	61.2	25.363
130	19.987	19.963	36.072	47.9	25.589
140	18.552	18.528	35.835	27.6	25.780
150	17.478	17.453	35.728	19.9	25.964
160	16.879	16.853	35.673	17.0	26.066
170	16.576	16.548	35.643	16.0	26.115
180	16.176	16.147	35.624	17.0	26.194
190	16.241	16.211	35.702	18.9	26.239
200	16.183	16.151	35.787	21.2	26.318
250	17.429	17.387	36.486	35.2	26.562
300	18.478	18.424	36.956	52.2	26.664

Redsox-1 Station 113
Latitude: 11 32.99 N
Longitude: 043 43.89 E
Date: 26-02-2001
Time: 2002 GMT

Rsx1-113



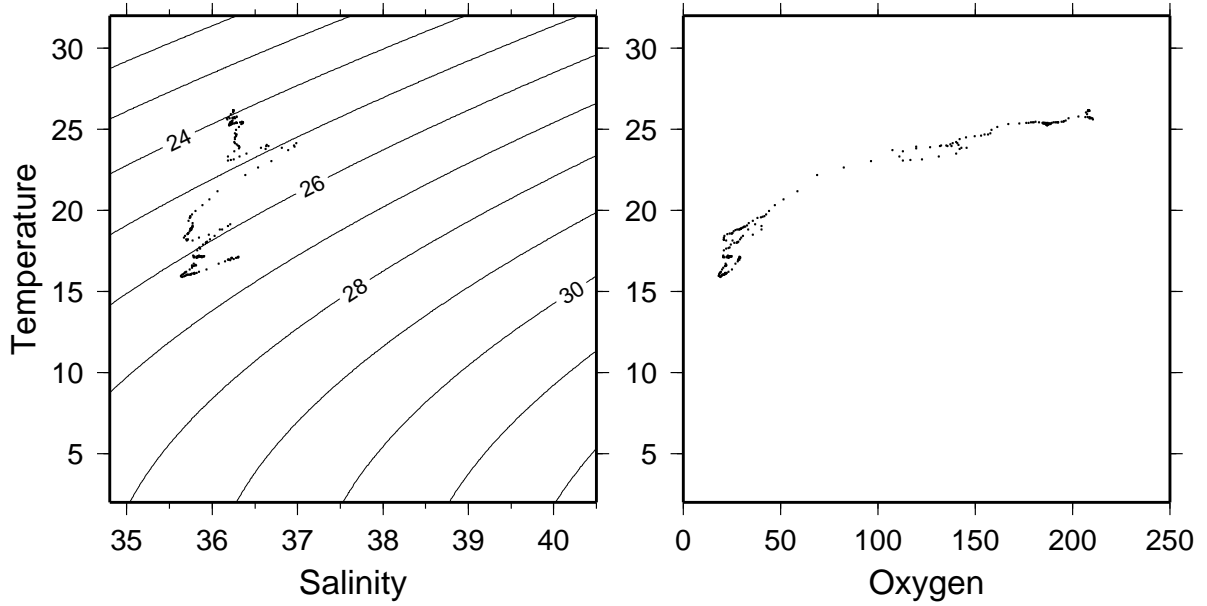
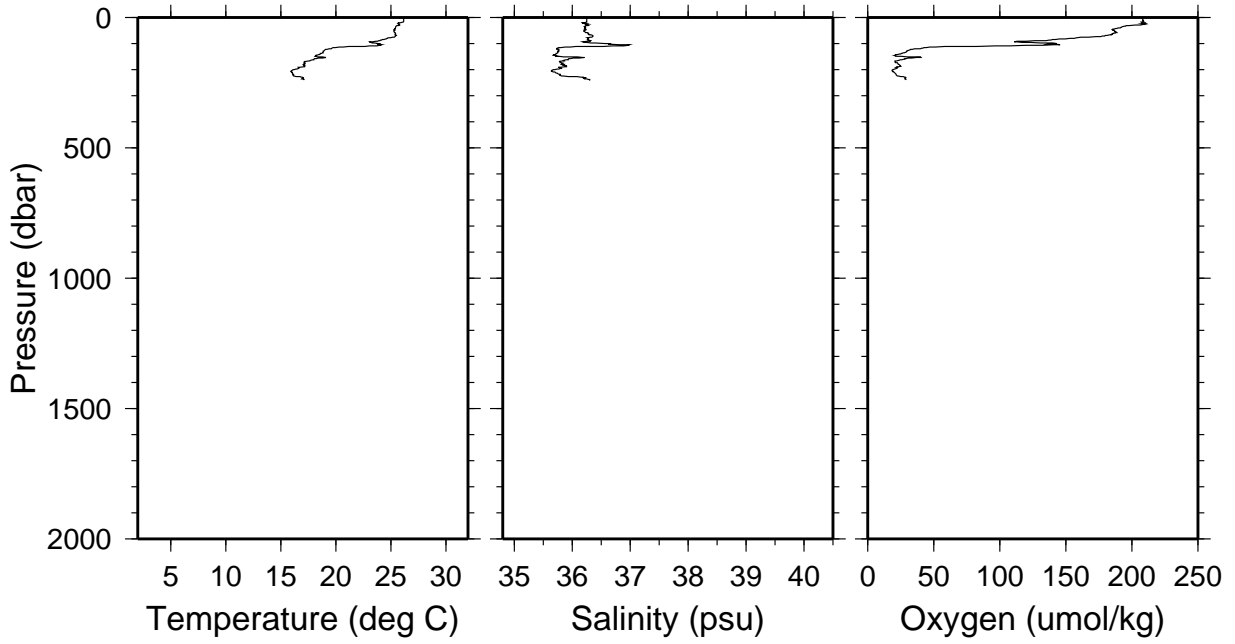
Redsox-1 **Station 114**
 Latitude: 11° 31.00 N
 Longitude: 043° 41.01 E
 Date: 26-02-2001 2049 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.164	26.162	36.248	208.4	23.924
20	25.765	25.760	36.189	208.8	24.006
30	25.683	25.676	36.265	198.0	24.089
40	25.431	25.422	36.232	190.2	24.143
50	25.268	25.257	36.201	186.6	24.170
60	25.402	25.388	36.277	186.3	24.188
70	25.427	25.412	36.359	179.4	24.242
80	24.666	24.648	36.283	154.8	24.419
90	23.889	23.870	36.318	126.9	24.678
100	24.024	24.002	36.636	141.3	24.880
110	22.646	22.623	36.538	82.4	25.209
120	19.521	19.499	35.735	38.0	25.454
130	18.847	18.823	35.747	29.6	25.638
140	18.570	18.546	35.716	24.7	25.684
150	18.318	18.292	35.847	29.8	25.848
160	18.019	17.992	35.930	27.7	25.987
170	17.151	17.122	35.790	20.6	26.091
180	17.094	17.064	35.832	23.6	26.138
190	16.707	16.676	35.783	21.7	26.192
200	16.167	16.135	35.682	19.1	26.241

Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Bottle Data	
				Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
241.4	1	17.129	17.089	36.306	29.3
101.2	2	23.952	23.931	36.651	137.5
50.5	3	25.372	25.361	36.245	185.8
2.4	4	26.156	26.155	36.262	209.4

Redsox-1 Station 114
Latitude: 11 31.00 N
Longitude: 043 41.01 E
Date: 26-02-2001
Time: 2049 GMT

Rsx1-114

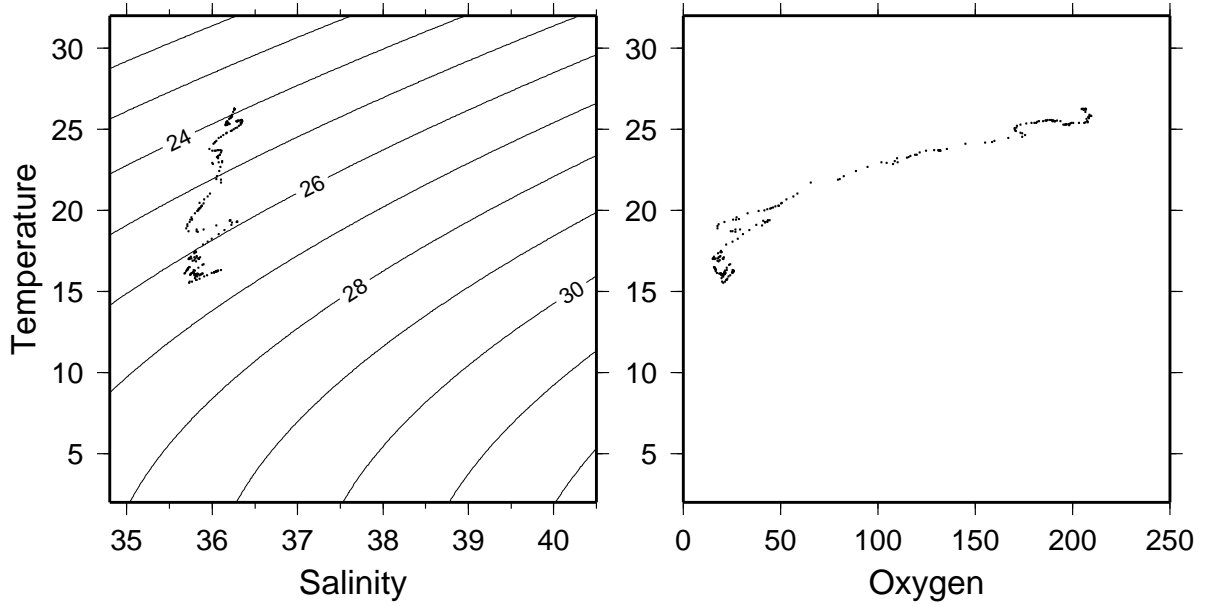
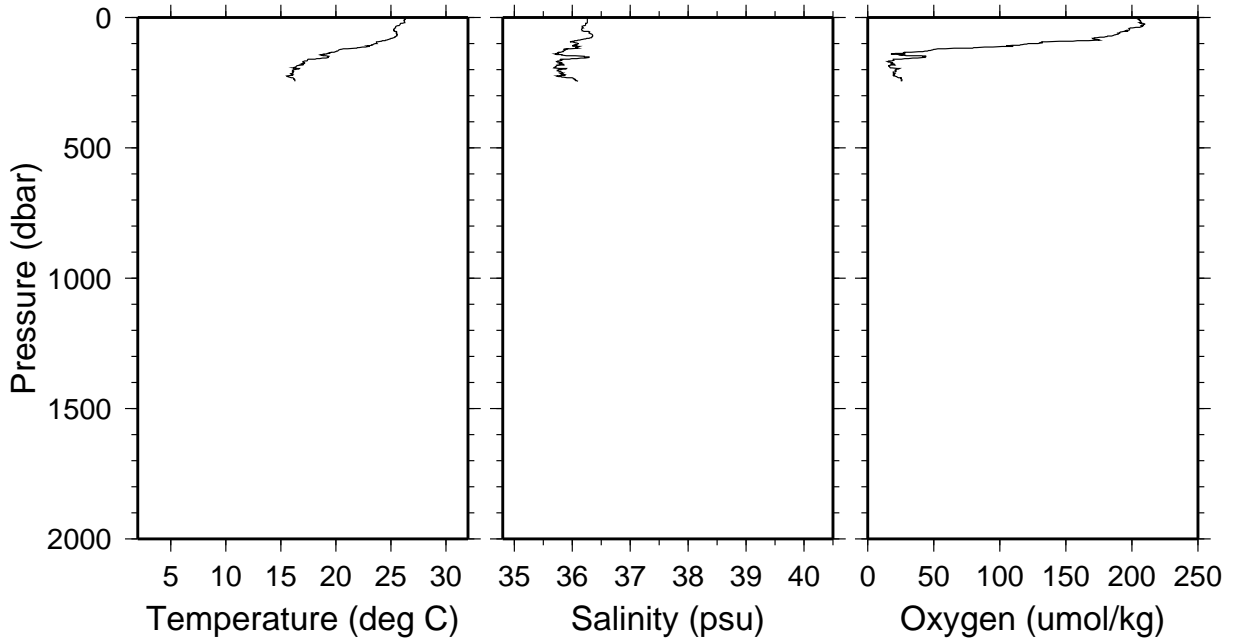


Redsox-1 **Station 115**
Latitude: 11° 5.01 N
Longitude: 043° 50.01 E
Date: 26-02-2001 2358 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.237	26.235	36.262	205.4	23.912
20	26.232	26.228	36.261	206.8	23.914
30	25.716	25.710	36.219	208.2	24.044
40	25.389	25.380	36.189	199.4	24.123
50	25.286	25.275	36.173	196.0	24.144
60	25.501	25.488	36.295	189.8	24.170
70	25.511	25.496	36.349	184.9	24.209
80	25.073	25.056	36.273	170.1	24.287
90	24.219	24.200	36.037	158.8	24.367
100	23.675	23.654	36.109	124.7	24.583
110	22.980	22.957	36.078	110.2	24.764
120	20.847	20.824	35.949	56.6	25.264
130	20.071	20.047	35.842	43.2	25.392
140	19.051	19.026	35.709	17.4	25.557
150	19.341	19.314	36.205	41.2	25.861
160	17.876	17.849	35.893	21.9	25.994
170	17.000	16.971	35.726	15.1	26.079
180	17.104	17.074	35.861	20.8	26.157
190	16.354	16.324	35.711	16.6	26.220
200	16.201	16.169	35.774	21.2	26.305

Redsox-1 Station 115
Latitude: 11 05.01 N
Longitude: 043 50.01 E
Date: 26-02-2001
Time: 2358 GMT

Rsx1-115



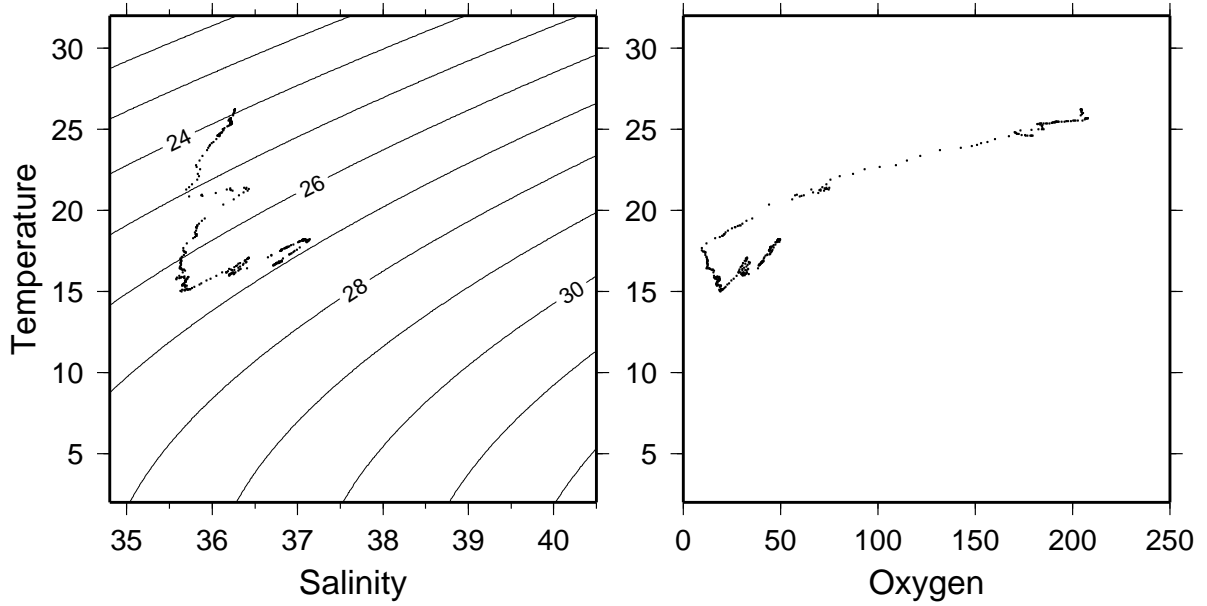
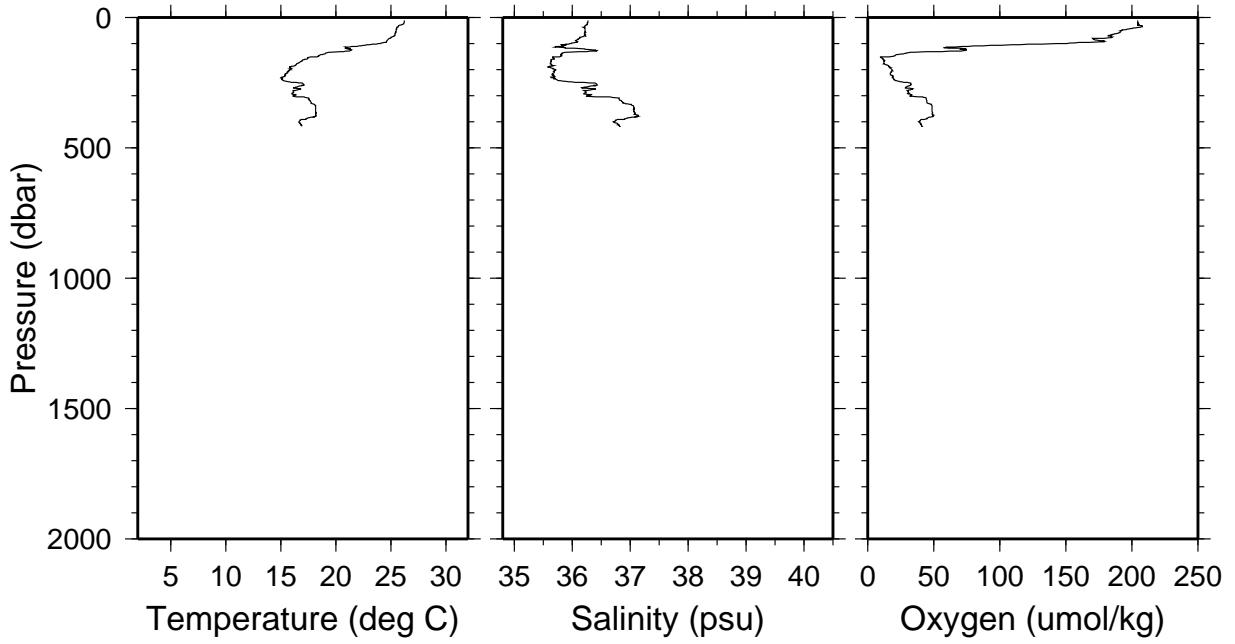
Redsox-1 **Station 116**
Latitude: 11° 7.55 N
Longitude: 043° 53.17 E
Date: 27-02-2001 0101 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
20	26.191	26.186	36.265	204.7	23.930
30	25.696	25.689	36.221	206.6	24.052
40	25.533	25.524	36.218	201.6	24.101
50	25.448	25.437	36.218	192.3	24.128
60	25.397	25.384	36.215	189.7	24.142
70	25.317	25.301	36.226	182.2	24.176
80	24.922	24.904	36.131	173.2	24.225
90	24.610	24.590	36.065	178.3	24.271
100	23.982	23.960	35.969	148.3	24.387
110	21.899	21.877	35.825	75.7	24.879
120	21.356	21.332	36.213	72.6	25.326
130	20.912	20.887	36.314	61.9	25.526
140	18.969	18.944	35.817	26.4	25.660
150	18.289	18.263	35.778	16.4	25.802
160	17.264	17.237	35.668	11.4	25.970
170	16.774	16.746	35.629	12.2	26.058
180	16.440	16.410	35.638	13.4	26.143
190	15.767	15.737	35.578	17.2	26.253
200	15.896	15.864	35.723	18.4	26.335
250	16.388	16.348	36.200	30.3	26.590
300	16.106	16.057	36.254	32.3	26.699
350	18.167	18.106	37.065	48.7	26.828
400	16.639	16.573	36.722	38.9	26.939

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
351.9	1	18.191	18.129	37.087	48.8
209.6	2	15.621	15.588	35.701	18.5
88.0	3	24.671	24.652	36.102	170.2
57.3	4	25.398	25.385	36.231	192.4
2.1	5	26.186	26.186	36.301	207.1

Redsox-1 Station 116
Latitude: 11 07.55 N
Longitude: 043 53.17 E
Date: 27-02-2001
Time: 0101 GMT

Rsx1-116

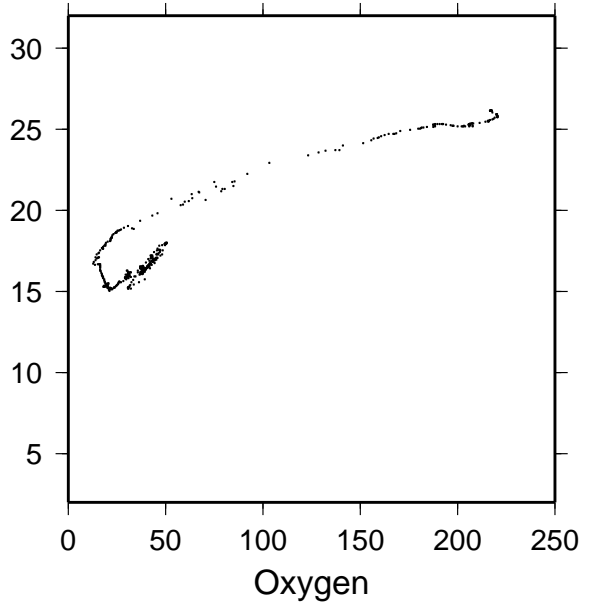
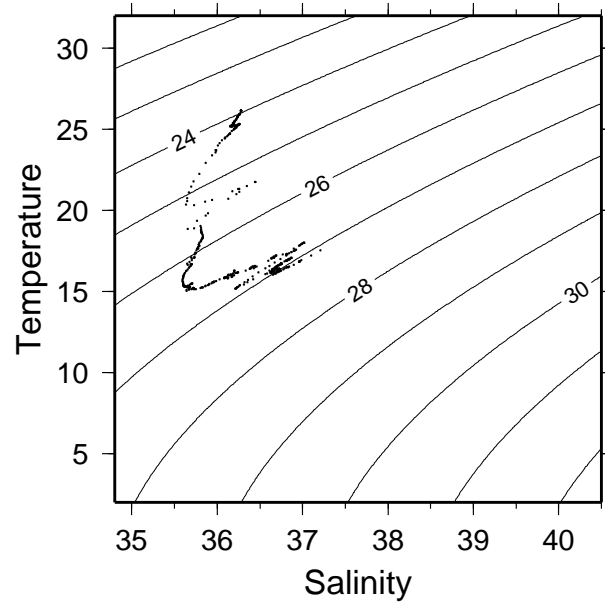
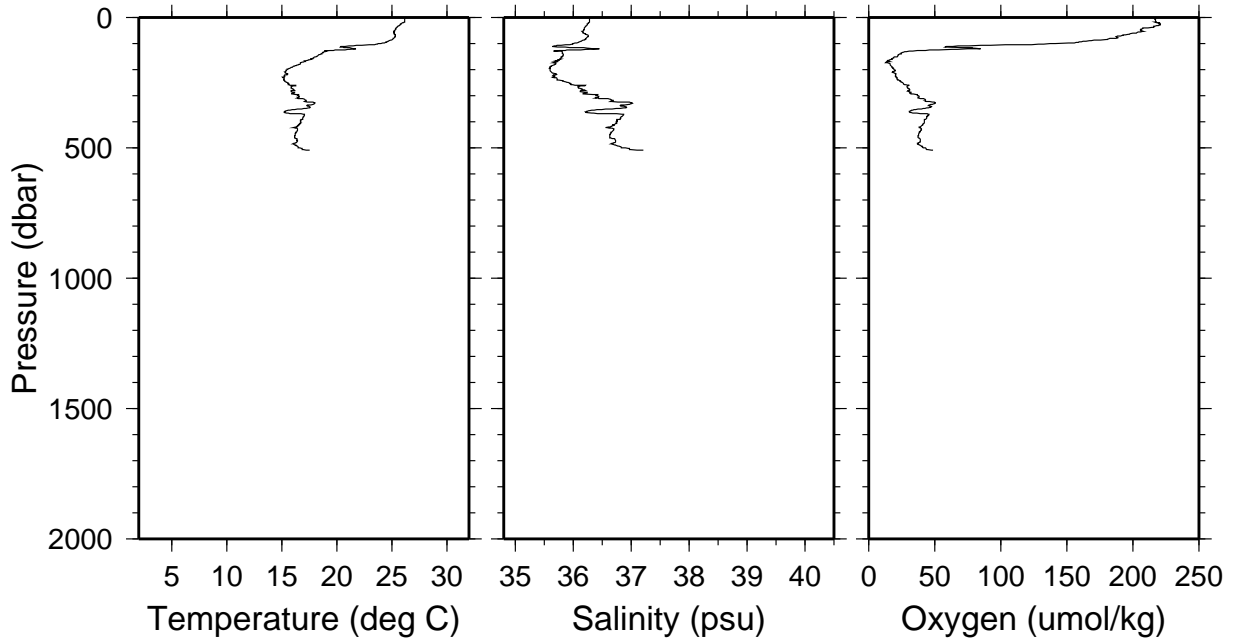


Redsox-1 **Station 117**
Latitude: 11° 8.37 N
Longitude: 043° 54.40 E
Date: 27-02-2001 0202 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.149	26.147	36.279	217.2	23.952
20	25.939	25.935	36.263	219.9	24.007
30	25.702	25.695	36.232	219.2	24.059
40	25.370	25.361	36.193	208.0	24.132
50	25.258	25.247	36.176	206.1	24.154
60	25.168	25.155	36.170	201.9	24.178
70	25.309	25.294	36.257	190.8	24.201
80	25.142	25.124	36.223	184.2	24.228
90	24.721	24.701	36.146	167.1	24.298
100	23.716	23.695	35.980	139.1	24.474
110	20.748	20.727	35.648	63.6	25.061
120	21.740	21.716	36.446	84.3	25.397
130	19.044	19.021	35.803	30.8	25.629
140	18.610	18.585	35.818	24.2	25.752
150	18.120	18.094	35.808	21.3	25.868
160	17.653	17.626	35.777	17.8	25.959
170	17.059	17.031	35.727	15.1	26.065
180	16.566	16.537	35.686	16.3	26.151
190	15.943	15.913	35.603	17.7	26.232
200	15.455	15.424	35.603	19.5	26.343
250	15.452	15.413	35.905	25.5	26.578
300	16.439	16.390	36.392	37.1	26.728
350	16.771	16.713	36.671	39.9	26.866
400	16.691	16.625	36.744	42.0	26.944
450	16.189	16.116	36.632	37.6	26.977
500	16.528	16.445	36.845	41.7	27.064

Redsox-1 Station 117
Latitude: 11 08.37 N
Longitude: 043 54.40 E
Date: 27-02-2001
Time: 0202 GMT

Rsx1-117



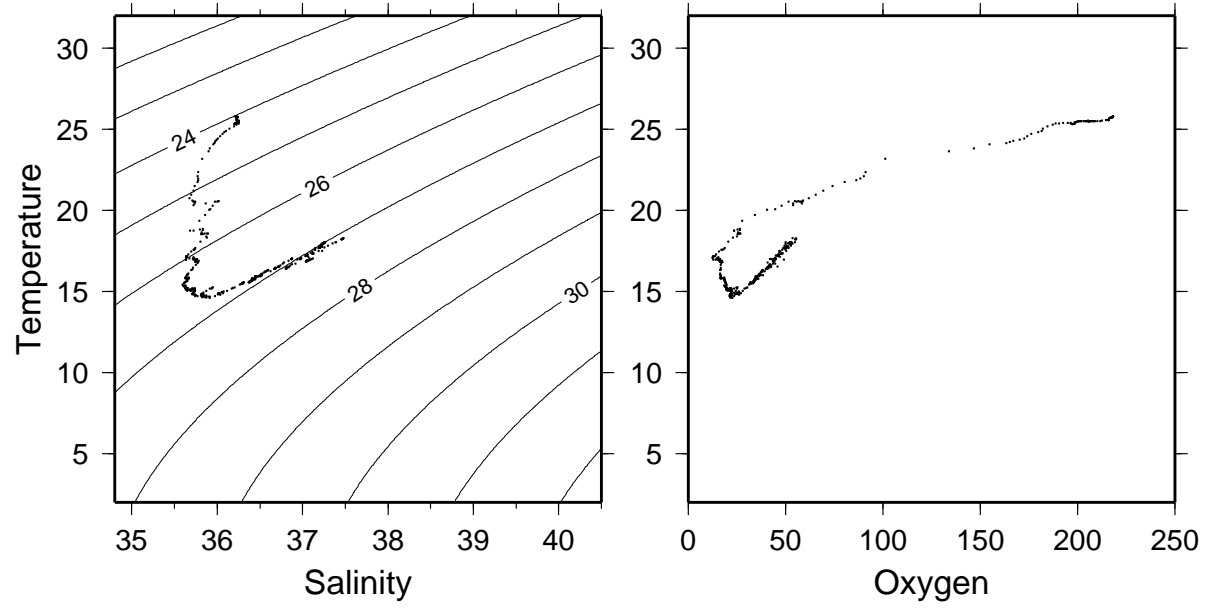
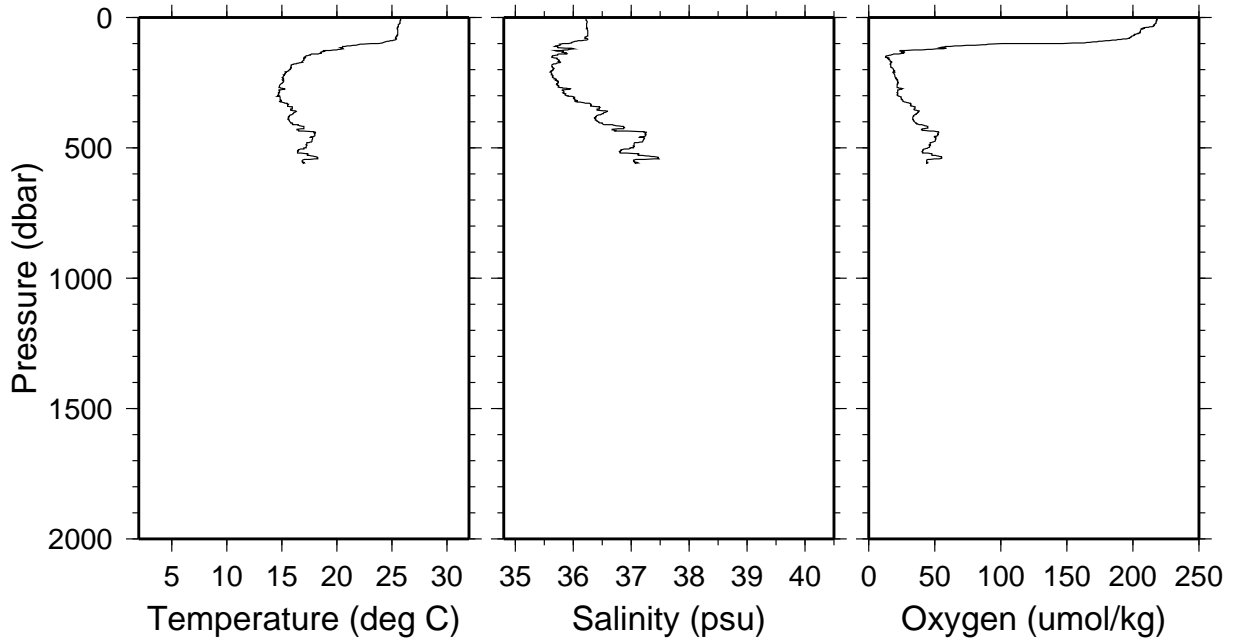
Redsox-1 **Station 118**
Latitude: 11° 12.12 N
Longitude: 043° 58.14 E
Date: 27-02-2001 0315 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.769	25.766	36.224	218.2	24.031
20	25.737	25.733	36.236	217.6	24.049
30	25.573	25.566	36.231	215.9	24.098
40	25.501	25.492	36.235	208.3	24.124
50	25.513	25.502	36.248	205.7	24.130
60	25.516	25.503	36.250	204.9	24.131
70	25.470	25.455	36.247	200.1	24.144
80	25.351	25.334	36.217	196.5	24.159
90	24.821	24.801	36.084	179.8	24.222
100	23.642	23.621	35.899	134.0	24.434
110	20.741	20.720	35.677	61.8	25.085
120	20.557	20.534	36.014	54.7	25.393
130	18.875	18.852	35.829	26.6	25.693
140	18.063	18.039	35.803	20.5	25.877
150	17.143	17.118	35.639	12.7	25.976
160	16.997	16.970	35.733	15.1	26.084
170	16.851	16.823	35.757	16.9	26.137
180	16.023	15.994	35.650	16.5	26.249
190	15.825	15.795	35.636	16.8	26.284
200	15.683	15.651	35.650	18.7	26.328
250	15.068	15.030	35.738	22.3	26.535
300	14.661	14.616	35.897	21.8	26.748
350	15.922	15.866	36.445	34.7	26.891
400	15.751	15.687	36.434	34.6	26.923
450	18.006	17.927	37.253	52.3	27.017
500	17.071	16.987	36.986	44.7	27.043
550	16.859	16.767	37.044	43.7	27.140

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
560.3	1	16.924	16.830	37.083	43.5
451.2	2	18.005	17.926	37.246	49.2
375.0	3	16.031	15.971	36.501	35.1
60.0	4	25.508	25.495	36.251	197.6
2.0	5	25.771	25.771	36.222	214.8

Redsox-1 Station 118
Latitude: 11 12.12 N
Longitude: 043 58.14 E
Date: 27-02-2001
Time: 0315 GMT

Rsx1-118

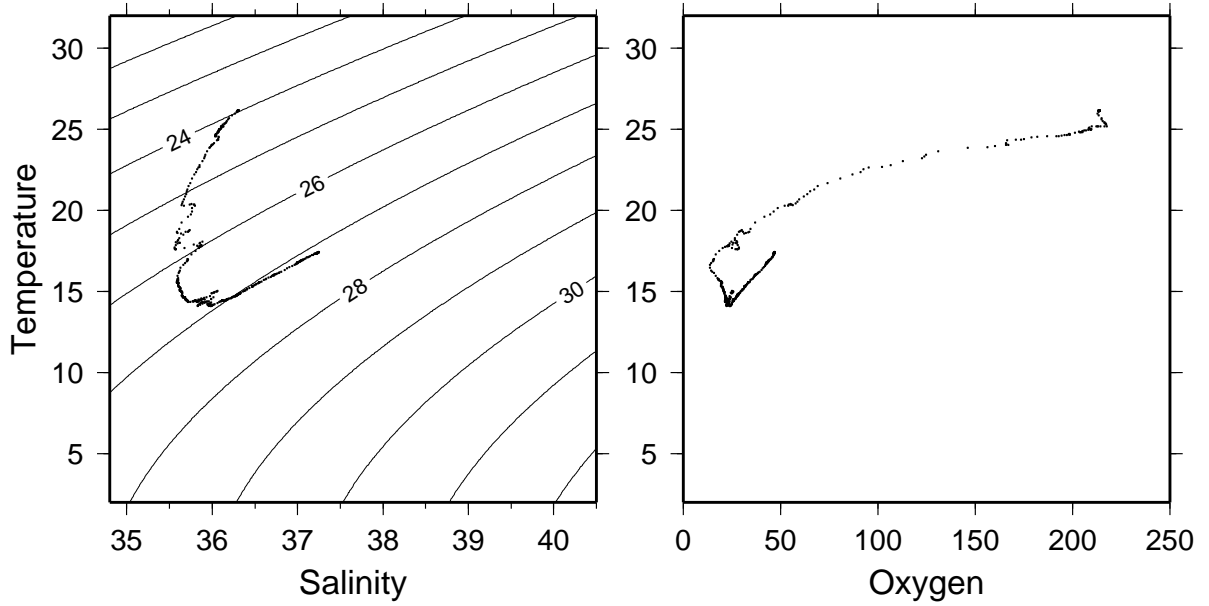
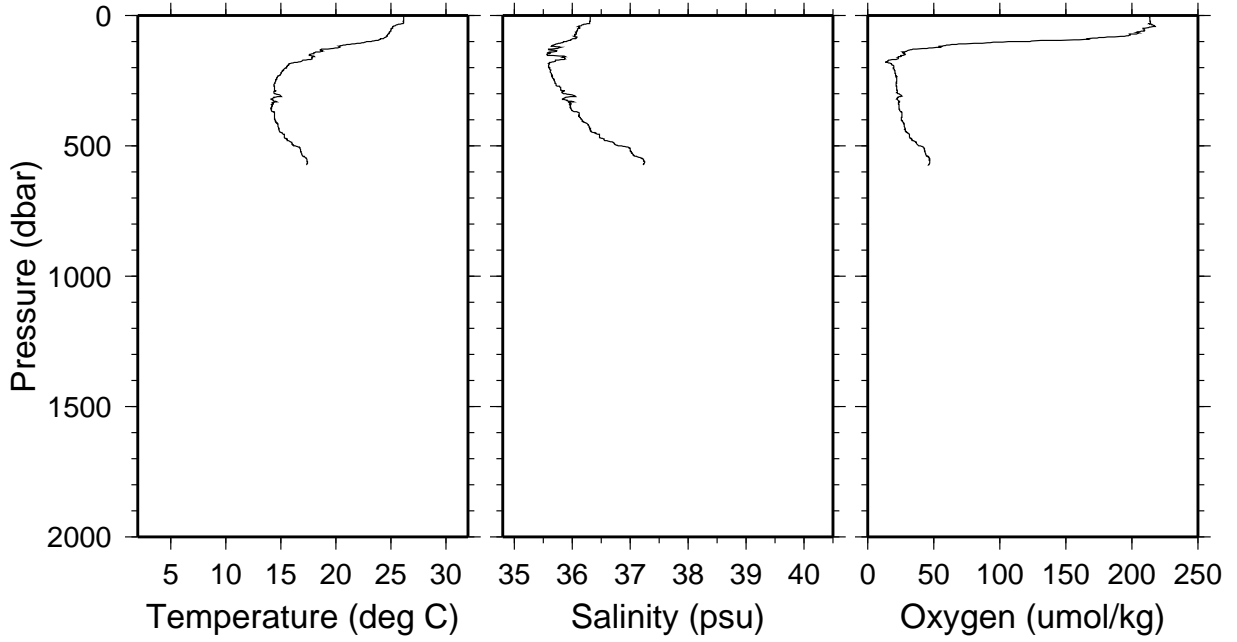


Redsox-1 **Station 119**
Latitude: 11° 19.93 N
Longitude: 044° 6.12 E
Date: 27-02-2001 0506 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.153	26.151	36.307	213.6	23.973
20	26.157	26.153	36.309	213.6	23.973
30	26.130	26.124	36.301	213.0	23.977
40	25.336	25.327	36.141	216.8	24.104
50	25.069	25.058	36.106	208.3	24.159
60	24.964	24.951	36.081	208.0	24.173
70	24.810	24.795	36.067	203.6	24.210
80	24.587	24.569	36.033	192.8	24.253
90	24.075	24.056	36.005	166.1	24.386
100	23.019	22.999	35.883	112.7	24.604
110	21.272	21.250	35.710	67.2	24.966
120	20.376	20.354	35.755	55.0	25.244
130	18.691	18.668	35.588	34.0	25.555
140	18.278	18.254	35.613	26.6	25.678
150	17.622	17.597	35.565	28.0	25.804
160	17.795	17.767	35.832	22.9	25.967
170	17.492	17.463	35.806	18.4	26.022
180	16.292	16.263	35.618	14.1	26.162
190	15.660	15.630	35.593	19.0	26.288
200	15.502	15.471	35.604	19.5	26.333
250	14.513	14.476	35.688	21.8	26.618
300	14.478	14.434	35.871	23.2	26.768
350	14.168	14.117	35.966	23.6	26.909
400	14.488	14.428	36.170	25.5	27.000
450	15.083	15.013	36.386	30.1	27.038
500	16.224	16.142	36.807	39.4	27.105
550	17.359	17.265	37.221	46.8	27.156

Redsox-1 Station 119
Latitude: 11 19.93 N
Longitude: 044 06.12 E
Date: 27-02-2001
Time: 0506 GMT

Rsx1-119



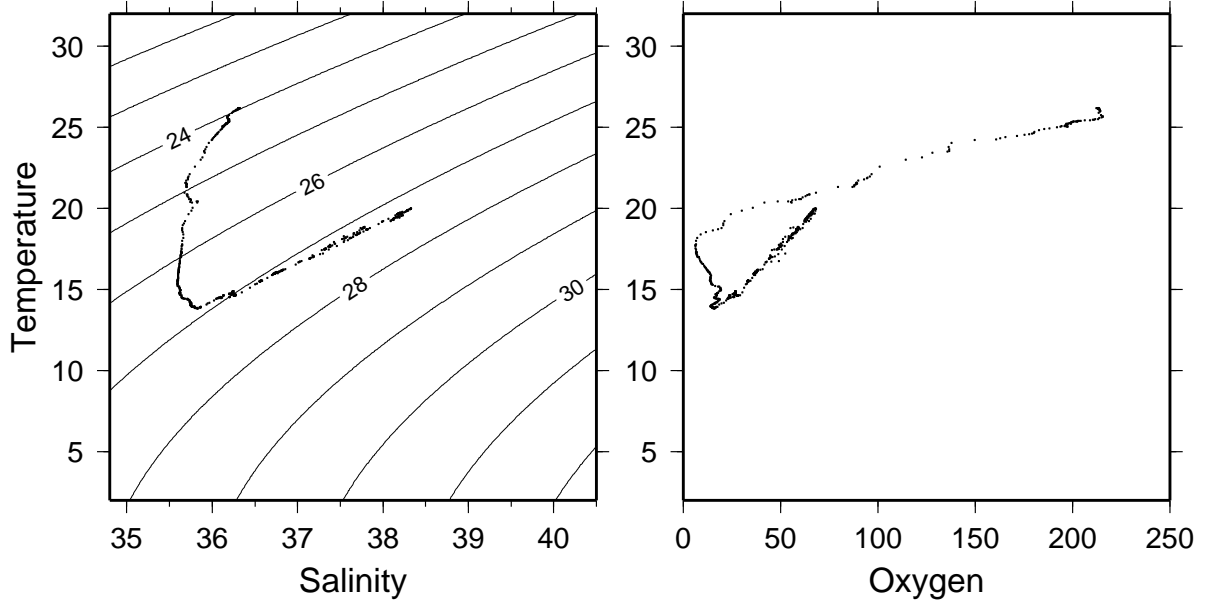
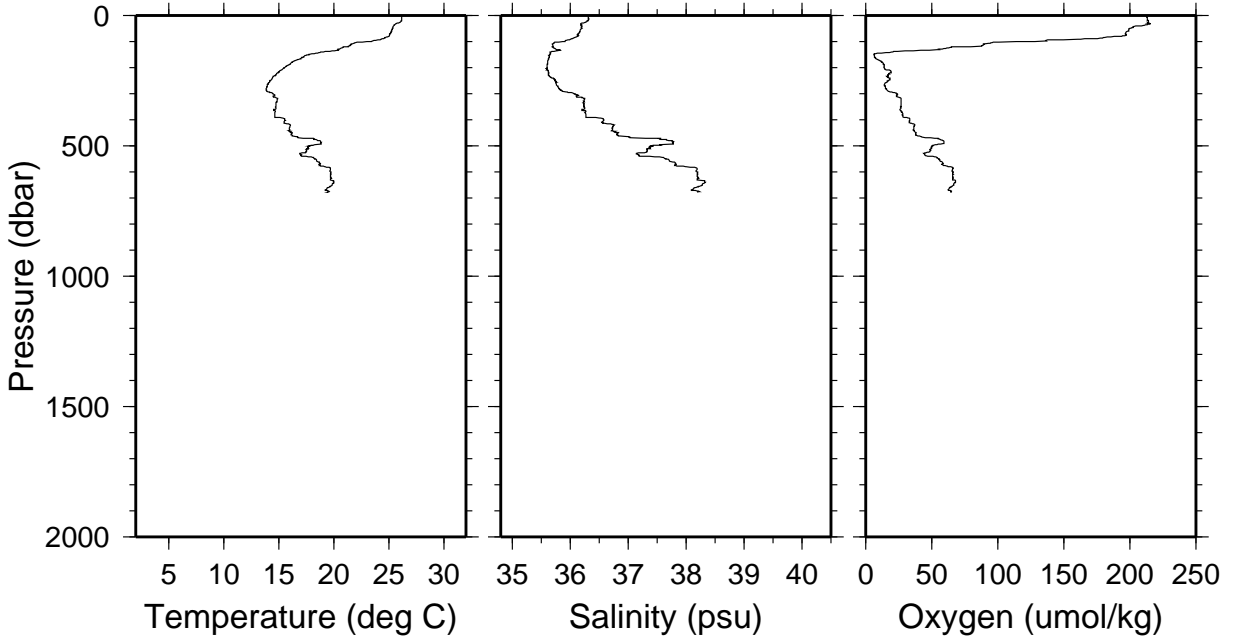
Redsox-1 **Station 120**
Latitude: 11° 26.79 N
Longitude: 044° 13.82 E
Date: 27-02-2001 0645 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.169	26.167	36.314	213.3	23.972
20	26.121	26.116	36.300	213.3	23.978
30	25.664	25.657	36.182	215.4	24.033
40	25.421	25.412	36.194	206.2	24.117
50	25.331	25.320	36.192	199.9	24.144
60	25.236	25.223	36.169	198.9	24.157
70	25.106	25.091	36.139	196.3	24.174
80	24.996	24.978	36.124	191.9	24.198
90	24.392	24.373	36.021	165.6	24.303
100	23.154	23.133	35.888	122.8	24.568
110	21.571	21.550	35.688	88.9	24.866
120	20.969	20.946	35.677	68.0	25.024
130	20.391	20.367	35.746	55.3	25.233
140	18.956	18.931	35.653	20.5	25.538
150	17.716	17.690	35.649	6.3	25.846
160	17.187	17.160	35.632	6.7	25.961
170	16.668	16.640	35.623	9.3	26.078
180	16.167	16.138	35.607	12.5	26.183
190	15.840	15.810	35.599	14.2	26.252
200	15.510	15.479	35.597	14.0	26.326
250	14.206	14.170	35.744	17.1	26.726
300	14.482	14.437	36.074	23.5	26.924
350	14.708	14.655	36.229	26.5	26.996
400	15.536	15.473	36.574	33.4	27.080
450	16.217	16.144	36.827	38.1	27.120
500	17.836	17.749	37.438	50.4	27.204
550	18.263	18.165	37.652	55.4	27.264
600	19.695	19.583	38.192	66.1	27.310
650	19.848	19.726	38.281	66.6	27.340

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
678.2	1	19.472	19.345	38.202	61.7
601.2	2	19.703	19.590	38.190	62.5
530.3	3	17.235	17.145	37.260	44.5

Redsox-1 Station 120
Latitude: 11 26.79 N
Longitude: 044 13.82 E
Date: 27-02-2001
Time: 0645 GMT

Rsx1-120

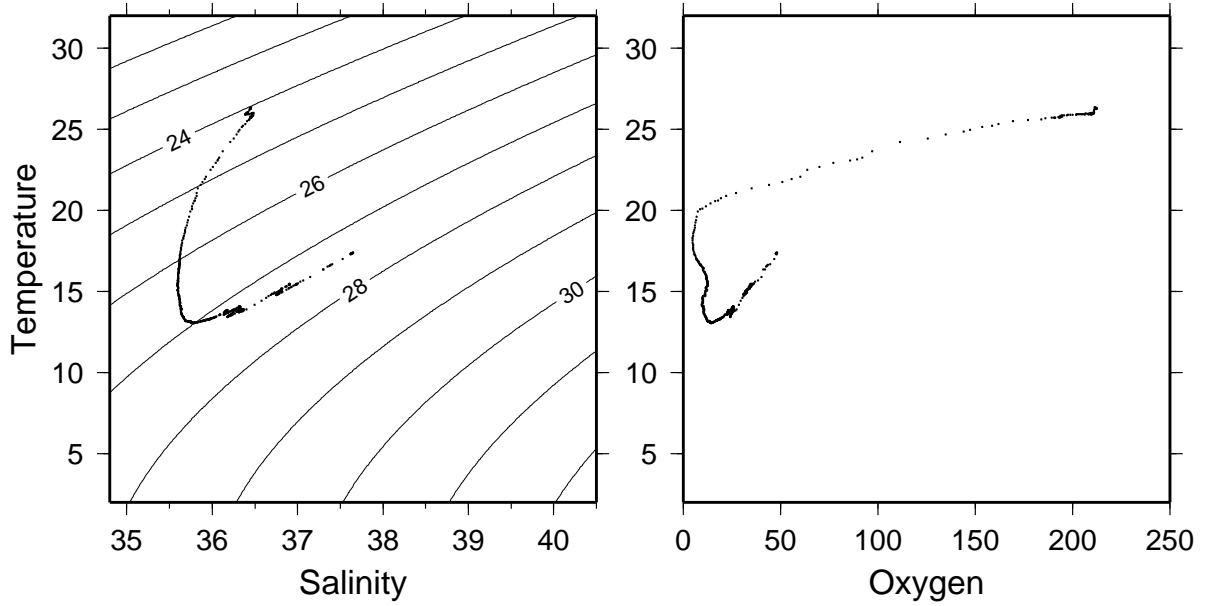
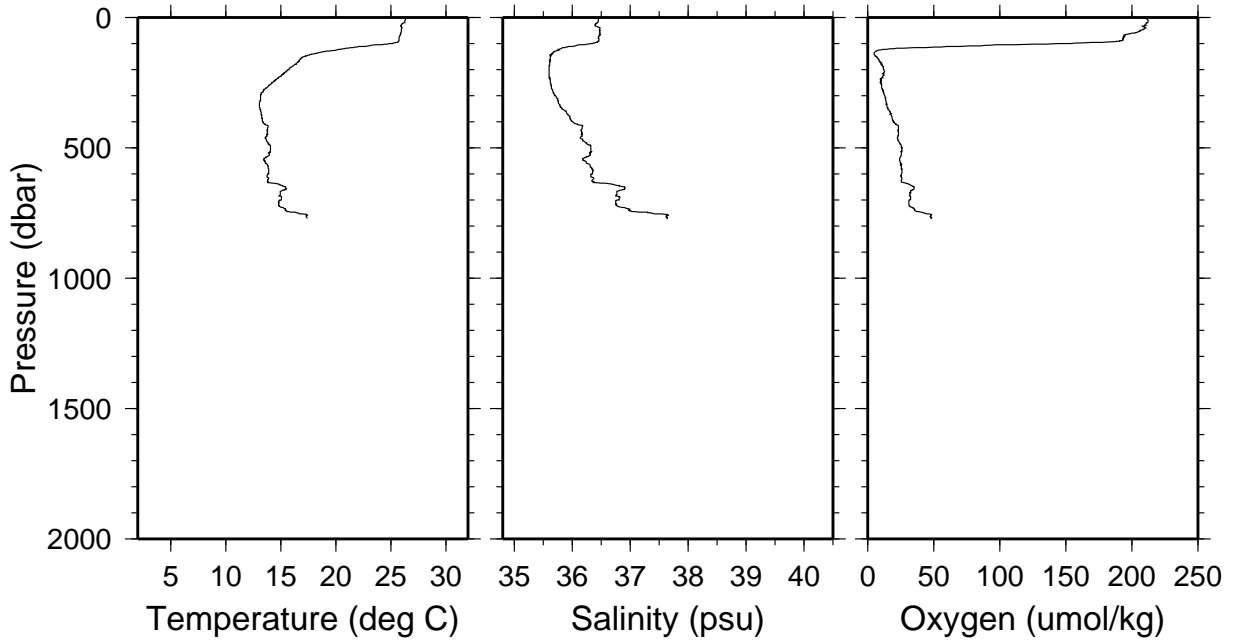


Redsox-1 **Station 121**
Latitude: 11° 34.25 N
Longitude: 044° 21.38 E
Date: 27-02-2001 0841 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.291	26.289	36.448	212.0	24.036
20	26.233	26.228	36.440	211.4	24.048
30	25.930	25.923	36.390	209.7	24.107
40	26.010	26.001	36.482	210.2	24.152
50	25.933	25.922	36.472	206.2	24.169
60	25.910	25.896	36.479	201.7	24.182
70	25.815	25.799	36.466	193.7	24.203
80	25.746	25.728	36.457	192.8	24.218
90	25.713	25.693	36.451	190.8	24.225
100	24.960	24.938	36.318	147.4	24.357
110	22.685	22.663	36.010	69.9	24.797
120	20.594	20.571	35.795	17.9	25.216
130	19.082	19.058	35.700	6.1	25.541
140	17.876	17.852	35.641	4.9	25.799
150	17.062	17.037	35.618	6.6	25.980
160	16.743	16.716	35.617	8.2	26.055
170	16.598	16.570	35.614	9.1	26.088
180	16.313	16.284	35.607	10.2	26.149
190	15.956	15.926	35.601	11.9	26.227
200	15.650	15.618	35.599	12.3	26.295
250	14.206	14.169	35.623	9.6	26.633
300	13.154	13.112	35.707	12.8	26.918
350	13.099	13.050	35.824	15.3	27.021
400	13.363	13.306	36.005	19.6	27.109
450	13.733	13.668	36.163	23.1	27.156
500	14.064	13.990	36.322	25.7	27.212
550	13.534	13.455	36.217	24.4	27.243
600	13.879	13.791	36.347	25.5	27.273
650	15.435	15.332	36.904	34.9	27.367
700	14.968	14.859	36.788	31.7	27.383
750	16.582	16.457	37.373	42.9	27.467

Redsox-1 Station 121
Latitude: 11 34.25 N
Longitude: 044 21.38 E
Date: 27-02-2001
Time: 0841 GMT

Rsx1-121



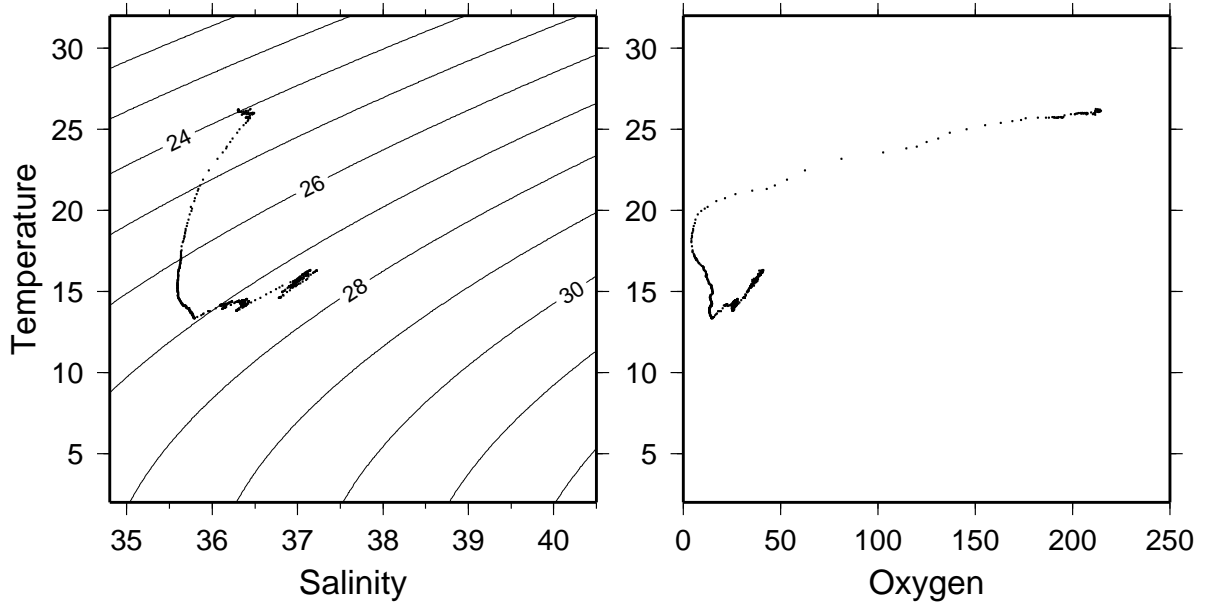
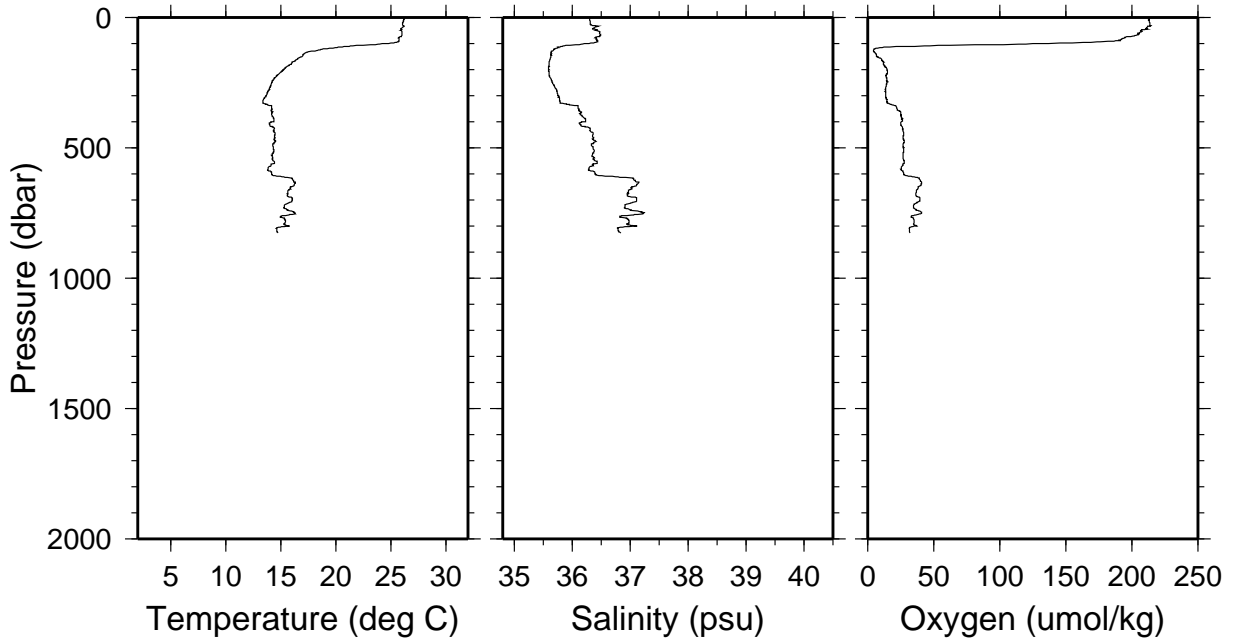
Redsox-1 **Station 122**
Latitude: 11° 41.38 N
Longitude: 044° 28.70 E
Date: 27-02-2001 1032 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.167	26.164	36.304	213.0	23.966
20	26.078	26.074	36.309	213.4	23.998
30	26.080	26.073	36.346	213.7	24.027
40	25.999	25.990	36.374	211.4	24.074
50	25.951	25.939	36.426	207.3	24.129
60	25.987	25.974	36.472	205.2	24.153
70	25.959	25.944	36.478	201.7	24.166
80	25.749	25.731	36.420	193.8	24.190
90	25.732	25.712	36.437	187.9	24.208
100	24.441	24.420	36.241	131.0	24.455
110	21.226	21.205	35.834	35.5	25.073
120	19.032	19.010	35.703	5.4	25.556
130	17.773	17.751	35.645	4.5	25.827
140	17.063	17.040	35.633	6.3	25.991
150	16.913	16.888	35.631	7.1	26.026
160	16.478	16.452	35.620	10.4	26.120
170	16.083	16.056	35.600	12.1	26.196
180	15.905	15.877	35.601	11.8	26.238
190	15.484	15.455	35.595	13.3	26.329
200	15.240	15.209	35.595	14.5	26.384
250	14.152	14.115	35.659	14.6	26.672
300	13.671	13.628	35.755	13.6	26.849
350	14.180	14.128	36.110	22.2	27.018
400	14.243	14.184	36.180	25.5	27.060
450	14.467	14.399	36.358	27.3	27.152
500	14.327	14.252	36.361	27.0	27.185
550	14.344	14.261	36.414	27.6	27.225
600	14.158	14.069	36.395	27.2	27.251
650	15.901	15.795	37.032	38.2	27.359
700	16.025	15.911	37.111	39.4	27.393
750	16.281	16.157	37.222	40.8	27.422
800	15.772	15.642	37.117	36.3	27.460

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
826.7	1	14.678	14.550	-9.990	32.4
99.7	2	24.219	24.198	-9.990	132.0
1.8	3	26.222	26.222	-9.990	211.1

Redsox-1 Station 122
Latitude: 11 41.38 N
Longitude: 044 28.70 E
Date: 27-02-2001
Time: 1032 GMT

Rsx1-122

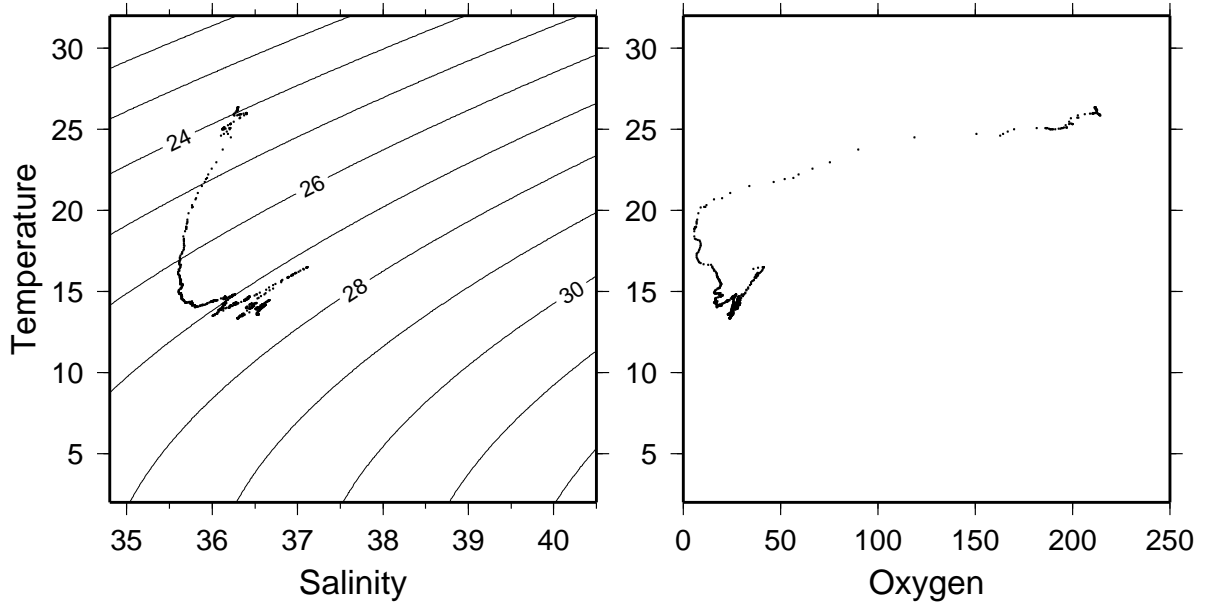
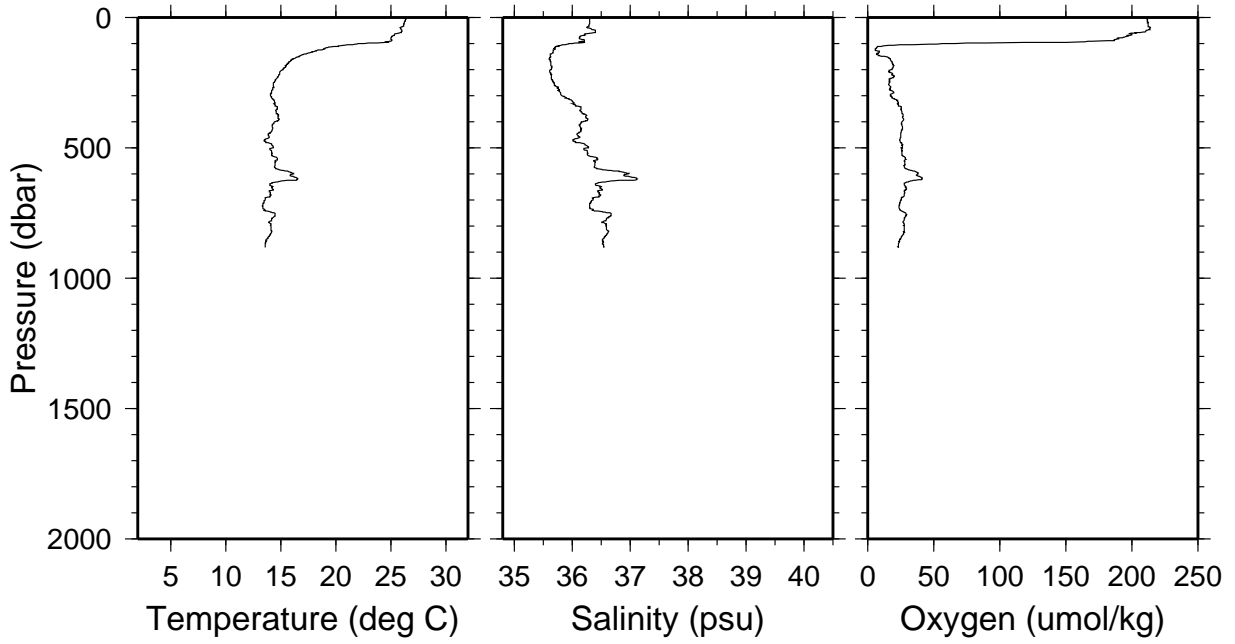


Redsox-1 **Station 123**
Latitude: 11° 48.01 N
Longitude: 044° 36.60 E
Date: 27-02-2001 1234 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.329	26.327	36.302	211.9	23.913
20	26.206	26.201	36.296	212.3	23.948
30	26.164	26.158	36.293	212.4	23.959
40	25.847	25.839	36.262	214.2	24.037
50	26.007	25.995	36.404	210.9	24.095
60	25.718	25.705	36.328	202.5	24.128
70	25.109	25.094	36.143	196.9	24.176
80	24.998	24.981	36.121	188.4	24.194
90	25.060	25.041	36.206	181.6	24.240
100	22.202	22.182	35.951	59.3	24.889
110	20.219	20.198	35.769	10.7	25.296
120	18.971	18.949	35.699	6.0	25.568
130	18.087	18.065	35.670	8.6	25.769
140	17.222	17.199	35.631	6.7	25.951
150	16.628	16.603	35.633	14.4	26.094
160	16.060	16.034	35.602	17.2	26.203
170	15.732	15.706	35.629	18.3	26.299
180	15.553	15.525	35.630	19.1	26.341
190	15.404	15.374	35.653	19.3	26.392
200	15.196	15.165	35.634	18.0	26.424
250	14.351	14.314	35.682	16.4	26.648
300	14.056	14.012	35.822	17.3	26.820
350	14.660	14.607	36.152	25.3	26.947
400	14.493	14.433	36.186	25.8	27.011
450	13.847	13.781	36.083	25.0	27.071
500	14.296	14.222	36.268	25.7	27.120
550	14.448	14.364	36.374	27.7	27.171
600	16.072	15.975	36.950	37.9	27.255
650	14.254	14.156	36.497	28.7	27.312
700	13.595	13.493	36.359	25.1	27.345
750	14.452	14.337	36.667	28.8	27.403
800	14.091	13.971	36.589	27.5	27.422

Redsox-1 Station 123
Latitude: 11 48.01 N
Longitude: 044 36.60 E
Date: 27-02-2001
Time: 1234 GMT

Rsx1-123



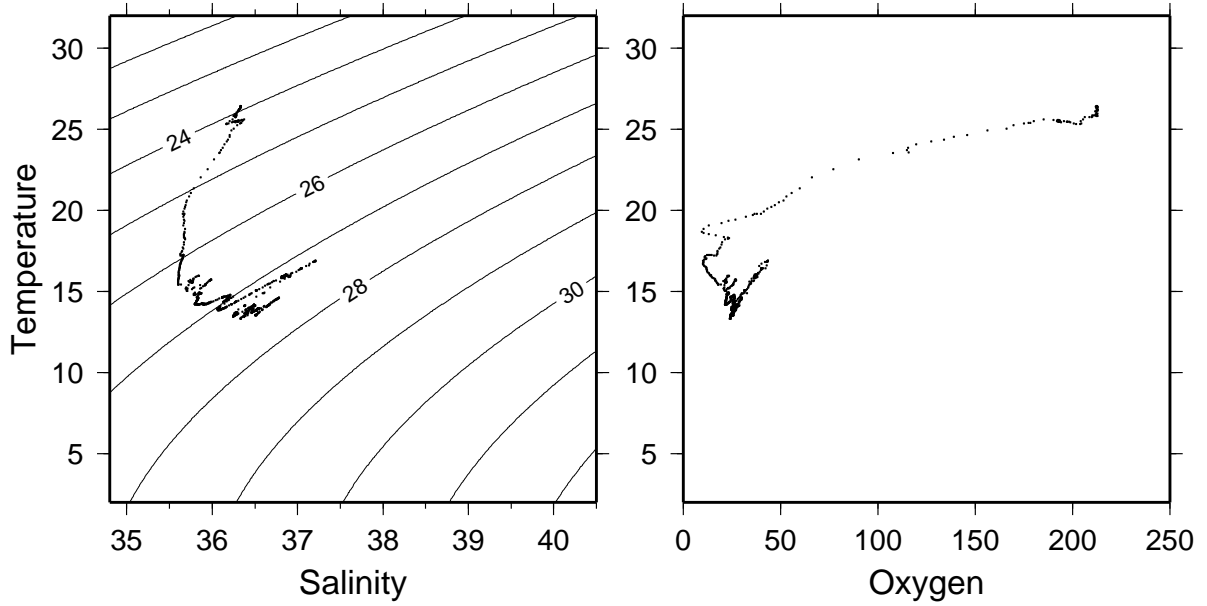
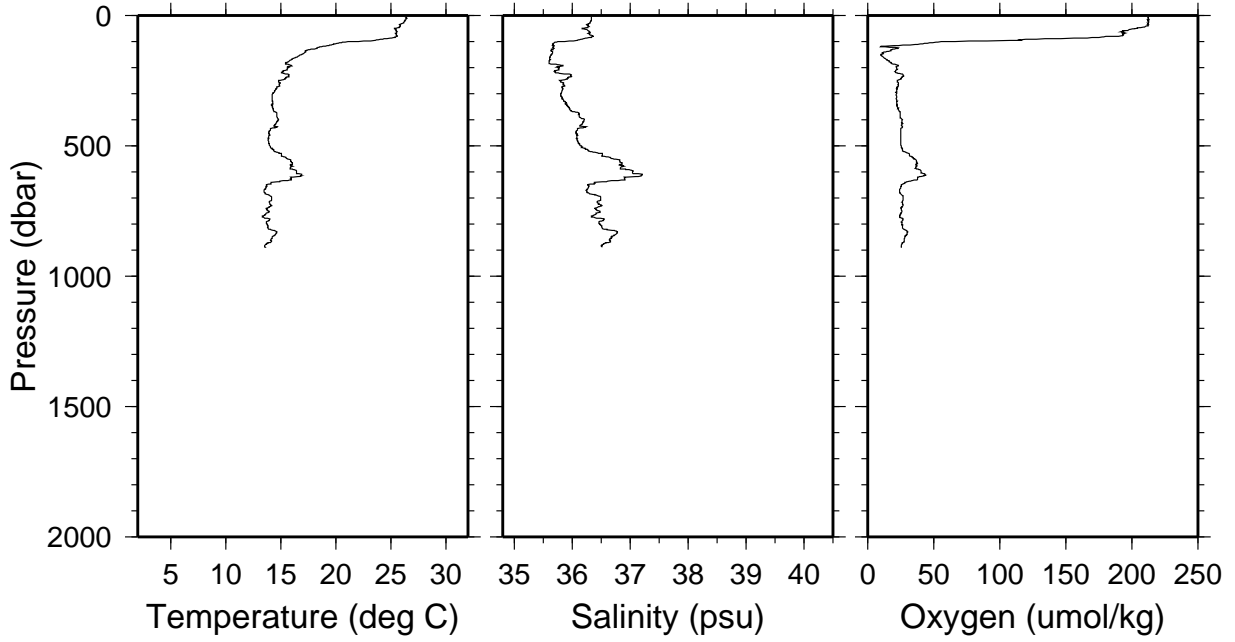
Redsox-1 **Station 124**
Latitude: 11° 52.62 N
Longitude: 044° 42.16 E
Date: 27-02-2001 1417 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.393	26.391	36.333	212.4	23.916
20	26.260	26.255	36.324	212.5	23.952
30	26.024	26.018	36.288	212.2	24.000
40	25.847	25.838	36.275	211.9	24.047
50	25.331	25.321	36.167	203.8	24.125
60	25.514	25.501	36.292	192.3	24.164
70	25.488	25.473	36.299	193.0	24.178
80	25.603	25.586	36.373	185.3	24.199
90	24.371	24.352	36.185	134.0	24.434
100	21.371	21.352	35.783	59.7	24.994
110	19.768	19.748	35.666	37.8	25.336
120	18.621	18.600	35.675	10.3	25.639
130	17.720	17.698	35.654	19.0	25.848
140	17.255	17.231	35.665	13.1	25.969
150	16.848	16.823	35.637	10.3	26.045
160	16.416	16.390	35.616	11.9	26.132
170	15.977	15.950	35.617	14.4	26.234
180	15.533	15.505	35.600	17.3	26.322
190	15.879	15.849	35.807	22.7	26.404
200	15.689	15.658	35.776	22.0	26.423
250	14.795	14.758	35.783	22.2	26.629
300	14.264	14.220	35.804	21.8	26.762
350	14.230	14.178	35.932	22.2	26.870
400	14.771	14.710	36.211	26.1	26.970
450	13.884	13.818	36.059	25.0	27.044
500	14.009	13.936	36.154	25.2	27.093
550	15.640	15.552	36.721	35.2	27.175
600	16.408	16.308	37.041	40.3	27.246
650	13.674	13.579	36.266	25.6	27.255
700	14.160	14.055	36.487	26.9	27.326
750	13.890	13.779	36.469	25.9	27.370
800	13.737	13.619	36.475	25.9	27.408

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
889.5	1	13.563	13.432	-9.990	25.6
703.2	2	14.092	13.987	36.468	26.1
654.8	3	13.680	13.584	36.295	24.5
603.2	4	16.534	16.434	37.067	39.1
452.5	5	13.893	13.827	36.064	24.9
100.8	6	20.544	20.525	35.704	42.8
50.2	7	25.606	25.595	36.254	203.6
3.7	8	26.374	26.373	36.335	214.0

Redsox-1 Station 124
Latitude: 11 52.62 N
Longitude: 044 42.16 E
Date: 27-02-2001
Time: 1417 GMT

Rsx1-124

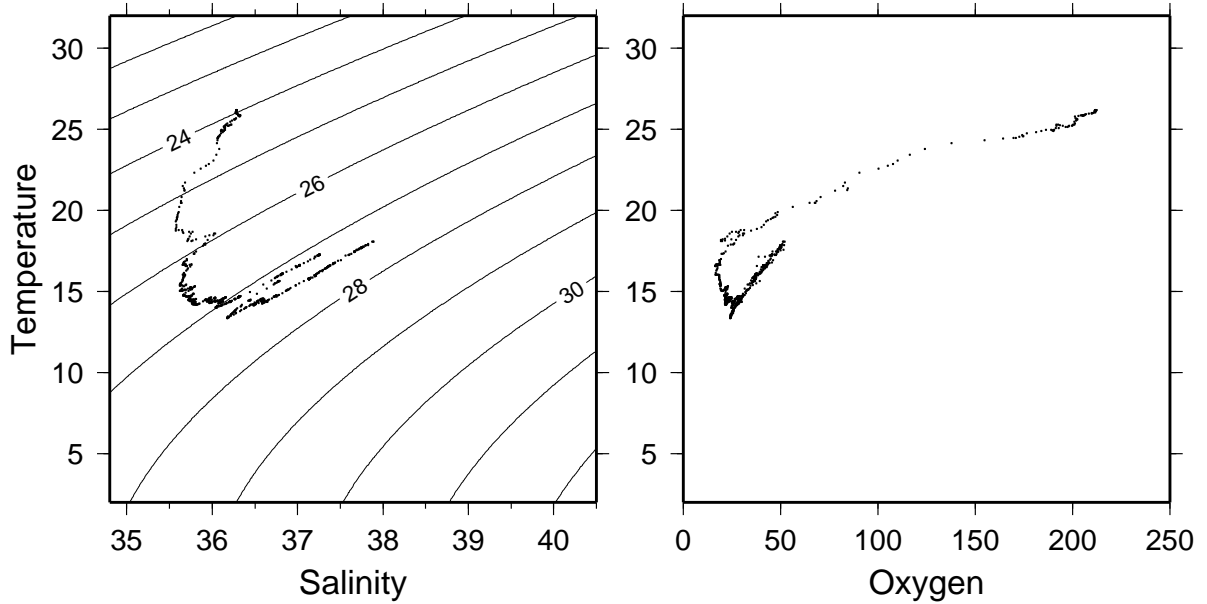
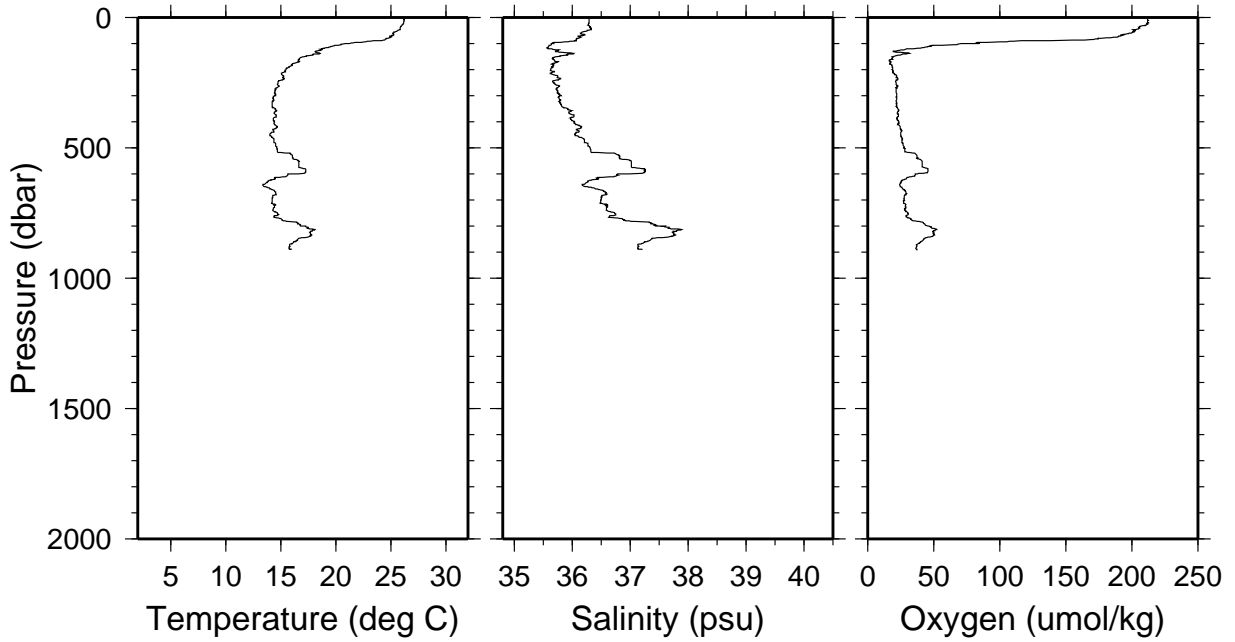


Redsox-1 **Station 125**
Latitude: 11° 56.69 N
Longitude: 044° 44.93 E
Date: 27-02-2001 1549 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.185	26.182	36.289	212.1	23.949
20	26.177	26.172	36.287	211.9	23.951
30	25.985	25.978	36.284	210.0	24.009
40	25.839	25.830	36.314	205.2	24.078
50	25.610	25.599	36.263	202.5	24.112
60	25.206	25.193	36.149	198.3	24.151
70	25.056	25.040	36.143	191.4	24.193
80	24.629	24.612	36.091	174.1	24.284
90	23.428	23.410	36.050	116.3	24.611
100	21.206	21.187	35.672	77.8	24.955
110	19.624	19.603	35.593	47.3	25.318
120	18.799	18.778	35.610	31.4	25.544
130	18.180	18.158	35.715	19.3	25.781
140	18.180	18.156	35.946	27.2	25.958
150	17.010	16.985	35.703	19.4	26.057
160	16.629	16.603	35.656	18.6	26.112
170	16.671	16.644	35.759	17.6	26.182
180	16.019	15.990	35.663	17.2	26.260
190	15.717	15.687	35.656	18.6	26.324
200	15.462	15.431	35.627	18.7	26.359
250	14.753	14.716	35.681	21.4	26.559
300	14.521	14.476	35.811	21.9	26.712
350	14.501	14.449	35.926	23.0	26.807
400	14.416	14.356	36.036	23.8	26.912
450	13.992	13.926	36.046	24.8	27.011
500	14.637	14.561	36.306	27.9	27.076
550	16.605	16.514	37.020	41.1	27.182
600	15.644	15.548	36.786	36.9	27.227
650	13.646	13.551	36.271	25.2	27.264
700	14.221	14.116	36.497	27.4	27.320
750	14.696	14.581	36.732	30.5	27.401
800	16.925	16.789	37.508	46.3	27.491

Redsox-1 Station 125
Latitude: 11 56.69 N
Longitude: 044 44.93 E
Date: 27-02-2001
Time: 1549 GMT

Rsx1-125



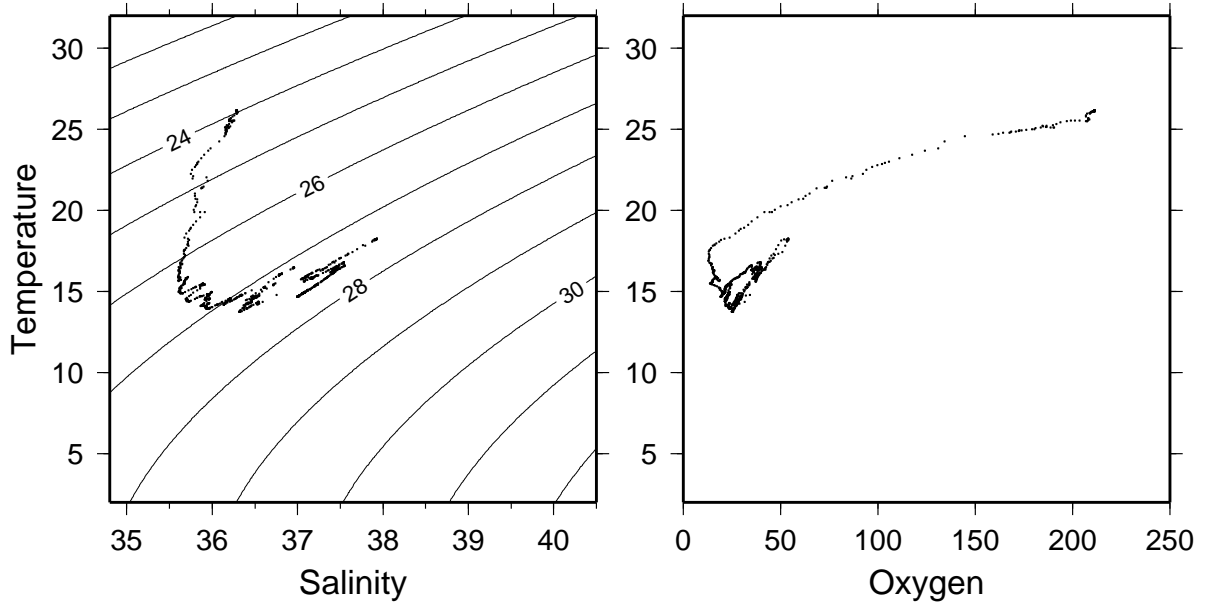
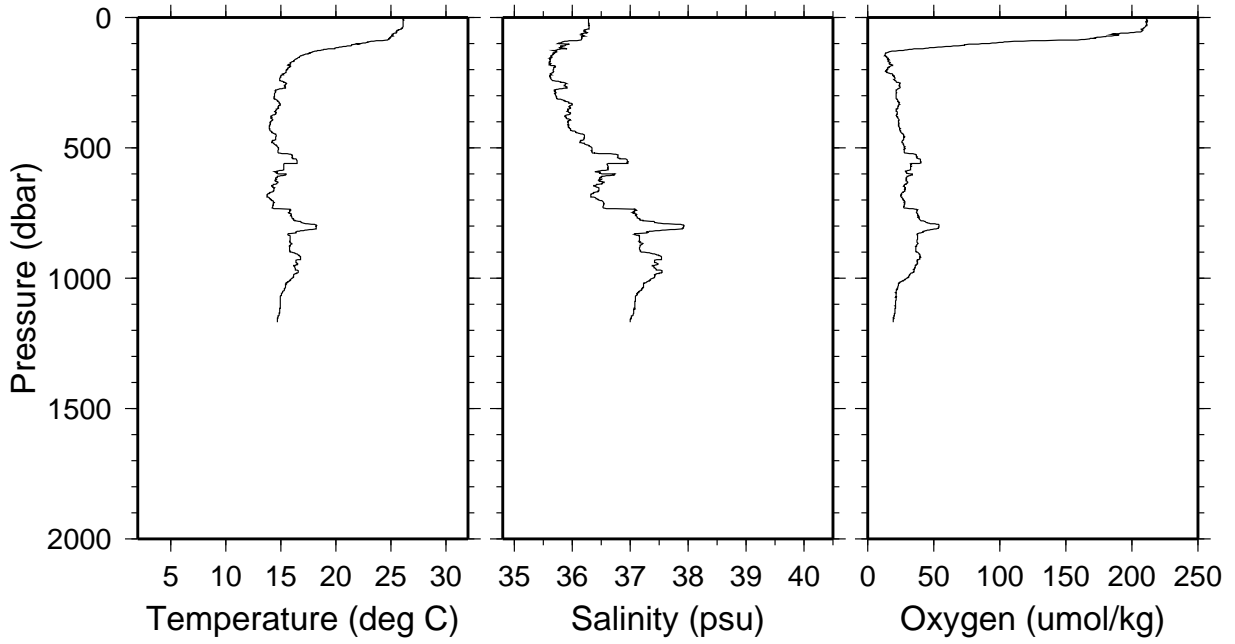
Redsox-1 **Station 126**
 Latitude: 11° 59.25 N
 Longitude: 044° 44.98 E
 Date: 27-02-2001 1715 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.131	26.129	36.283	211.3	23.961
20	26.129	26.125	36.284	211.3	23.963
30	26.125	26.118	36.285	211.2	23.966
40	26.030	26.021	36.293	209.2	24.003
50	25.598	25.587	36.199	208.5	24.067
60	25.444	25.430	36.232	193.8	24.141
70	25.192	25.177	36.214	184.8	24.205
80	24.871	24.853	36.166	170.7	24.267
90	23.693	23.674	35.950	124.2	24.458
100	22.097	22.077	35.777	87.0	24.787
110	20.899	20.878	35.798	62.7	25.135
120	19.582	19.560	35.855	38.1	25.530
130	18.086	18.064	35.717	18.4	25.805
140	17.324	17.301	35.666	13.0	25.953
150	16.704	16.680	35.629	14.2	26.073
160	16.332	16.307	35.611	15.3	26.147
170	16.031	16.003	35.609	15.8	26.216
180	15.762	15.733	35.612	17.1	26.279
190	15.801	15.771	35.701	16.0	26.339
200	15.559	15.527	35.669	14.6	26.370
250	15.385	15.346	35.851	23.3	26.551
300	14.401	14.356	35.720	21.4	26.667
350	14.686	14.633	35.942	22.2	26.779
400	14.043	13.985	35.924	23.2	26.905
450	14.550	14.482	36.204	27.2	27.014
500	14.763	14.686	36.337	27.8	27.073
550	16.464	16.373	36.954	40.1	27.164
600	15.376	15.281	36.723	33.6	27.238
650	14.251	14.153	36.412	27.7	27.247
700	14.103	13.998	36.454	26.9	27.312
750	15.767	15.646	37.057	37.1	27.413
800	18.239	18.096	37.926	53.8	27.491
900	15.962	15.815	37.233	37.3	27.510
1000	16.059	15.894	37.399	29.6	27.619

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1169.6	1	14.666	14.483	36.999	18.9
1007.9	2	15.765	15.601	37.314	24.9
806.7	3	18.215	18.071	37.908	50.5
655.3	4	14.343	14.244	36.451	26.8
402.8	5	14.007	13.948	35.921	24.4
100.8	6	21.964	21.944	35.958	79.8
51.2	7	25.782	25.771	36.238	205.0
2.5	8	26.103	26.102	36.287	209.7

Redsox-1 Station 126
Latitude: 11 59.25 N
Longitude: 044 44.98 E
Date: 27-02-2001
Time: 1715 GMT

Rsx1-126

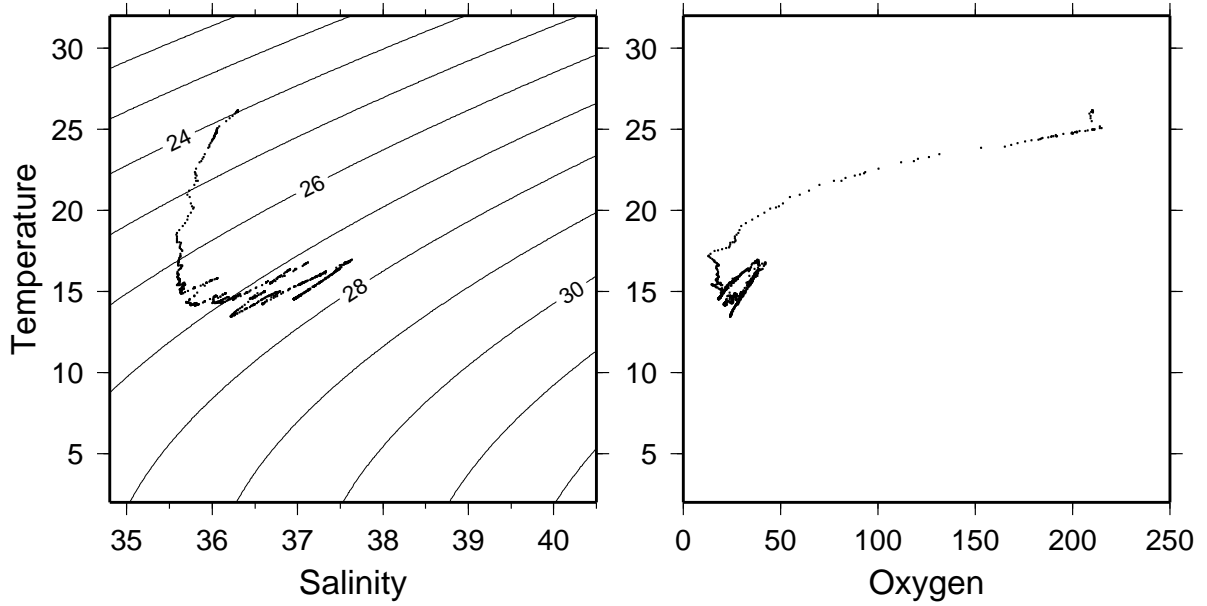
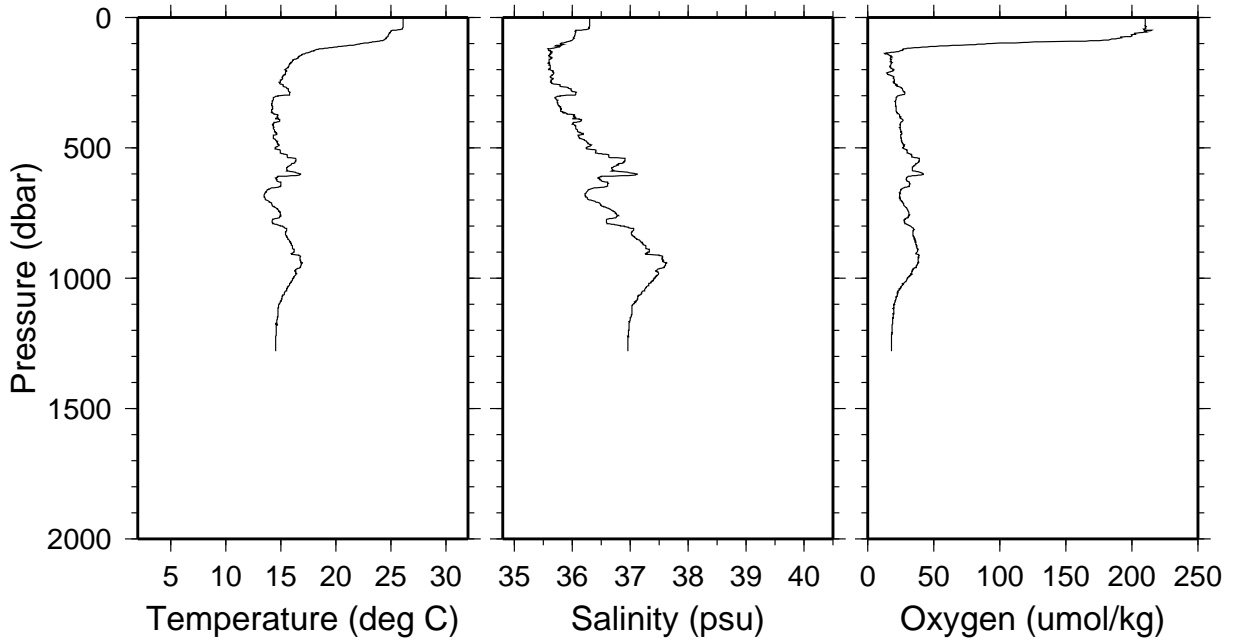


Redsox-1 **Station 127**
Latitude: 12° 2.17 N
Longitude: 044° 45.06 E
Date: 27-02-2001 1844 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.126	26.124	36.301	210.2	23.976
20	26.118	26.114	36.301	210.1	23.980
30	26.108	26.102	36.296	210.2	23.979
40	26.053	26.044	36.284	210.6	23.989
50	25.088	25.077	36.063	214.8	24.121
60	24.843	24.830	36.046	202.1	24.184
70	24.752	24.737	36.042	199.9	24.209
80	24.555	24.537	36.026	189.3	24.257
90	24.039	24.020	35.970	168.5	24.370
100	22.271	22.251	35.804	92.7	24.758
110	20.411	20.391	35.748	51.1	25.228
120	18.614	18.593	35.589	28.3	25.575
130	17.792	17.770	35.621	23.9	25.805
140	17.064	17.041	35.616	14.0	25.978
150	16.621	16.596	35.602	18.3	26.072
160	16.317	16.291	35.609	17.6	26.149
170	16.031	16.004	35.604	17.3	26.212
180	15.774	15.745	35.606	17.5	26.272
190	15.669	15.639	35.623	17.2	26.310
200	15.384	15.353	35.600	19.8	26.356
250	14.864	14.826	35.633	19.7	26.499
300	14.736	14.690	35.794	23.3	26.653
350	14.249	14.197	35.807	21.5	26.769
400	14.663	14.603	36.096	25.8	26.905
450	14.625	14.557	36.173	24.9	26.974
500	14.496	14.421	36.243	27.0	27.058
550	16.349	16.259	36.909	38.8	27.157
600	16.744	16.644	37.101	42.3	27.213
650	14.849	14.749	36.567	30.3	27.237
700	13.651	13.549	36.294	25.1	27.283
750	14.933	14.816	36.744	31.2	27.359
800	15.076	14.950	36.888	32.0	27.439
900	16.194	16.045	37.321	37.3	27.524
1000	16.143	15.978	37.423	30.1	27.618
1250	14.538	14.344	36.960	18.1	27.629

Redsox-1 Station 127
Latitude: 12 02.17 N
Longitude: 044 45.06 E
Date: 27-02-2001
Time: 1844 GMT

Rsx1-127



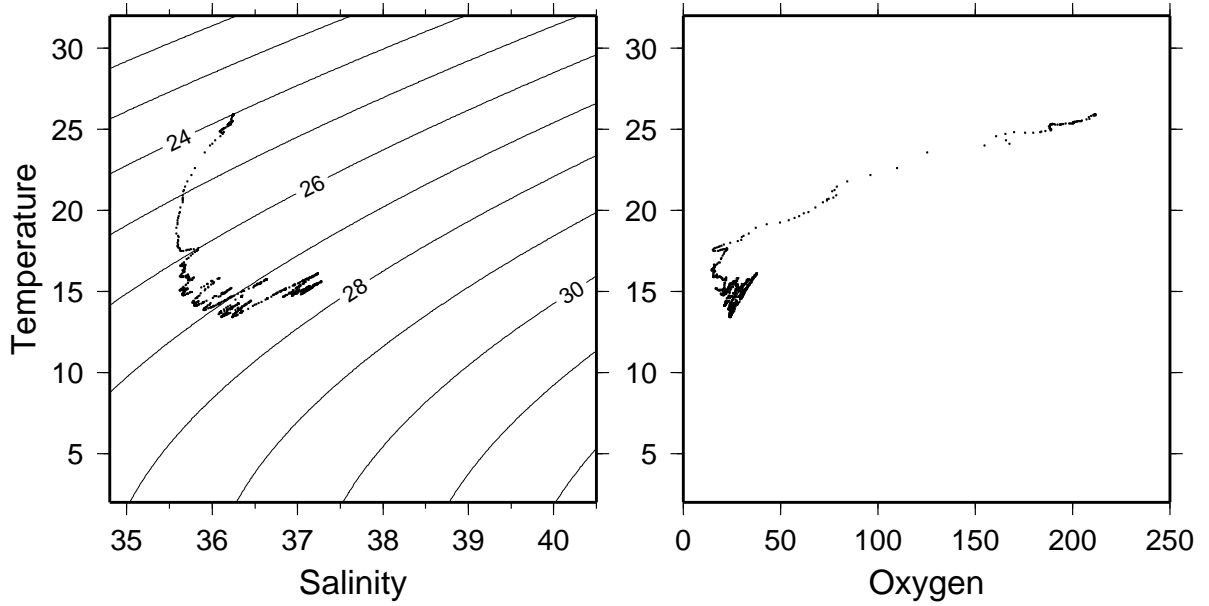
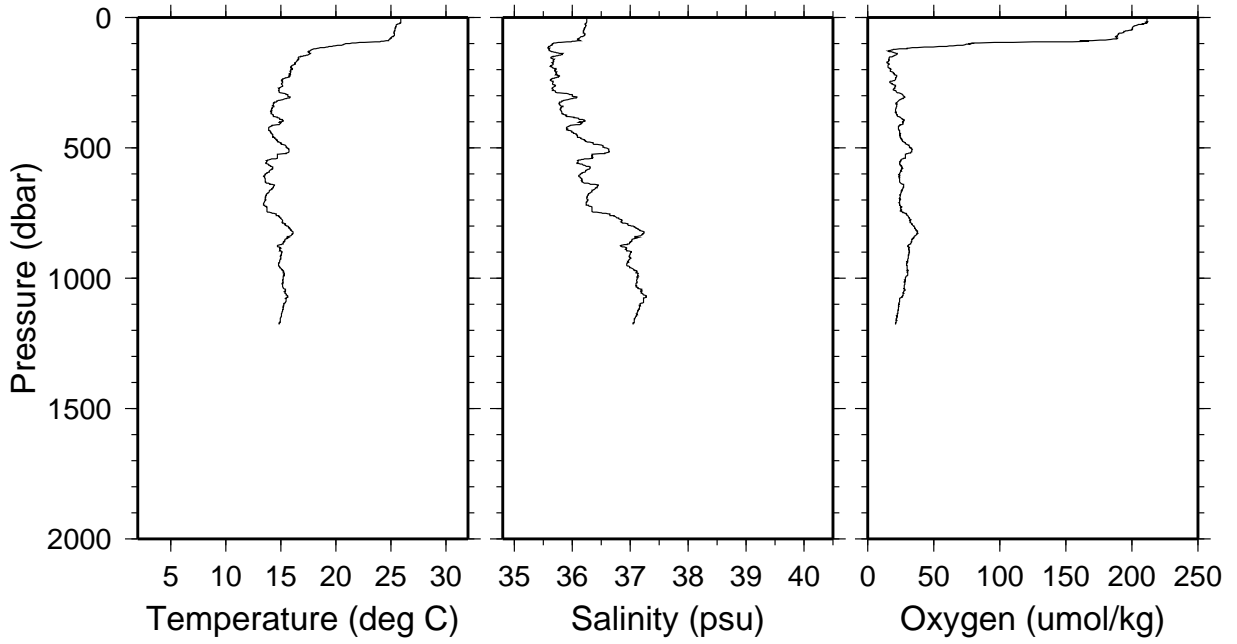
Redsox-1 **Station 128**
Latitude: 12° 7.53 N
Longitude: 044° 45.08 E
Date: 27-02-2001 2010 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.910	25.908	36.248	211.5	24.004
20	25.848	25.843	36.241	211.6	24.019
30	25.493	25.486	36.236	203.1	24.126
40	25.406	25.397	36.214	200.2	24.137
50	25.357	25.346	36.201	198.1	24.143
60	25.293	25.280	36.199	190.9	24.162
70	25.278	25.263	36.203	188.4	24.170
80	24.991	24.974	36.119	189.0	24.195
90	24.586	24.567	36.095	160.7	24.301
100	21.181	21.161	35.663	76.4	24.954
110	19.633	19.613	35.607	59.6	25.327
120	18.112	18.092	35.600	27.9	25.709
130	17.508	17.486	35.626	15.4	25.878
140	17.569	17.546	35.833	22.4	26.022
150	16.789	16.764	35.670	18.3	26.085
160	16.633	16.607	35.677	15.9	26.127
170	16.404	16.376	35.674	15.5	26.179
180	16.249	16.220	35.675	16.0	26.216
190	15.917	15.886	35.652	15.5	26.276
200	15.965	15.934	35.702	16.9	26.303
250	15.167	15.129	35.670	16.8	26.460
300	15.636	15.589	35.995	26.7	26.608
350	14.142	14.090	35.790	21.2	26.779
400	14.918	14.856	36.141	26.4	26.884
450	14.255	14.187	36.079	24.4	26.981
500	15.568	15.488	36.569	32.5	27.073
550	13.744	13.664	36.105	24.7	27.112
600	13.580	13.493	36.139	24.1	27.174
650	14.330	14.232	36.429	27.1	27.242
700	13.605	13.503	36.271	24.4	27.275
750	14.203	14.090	36.517	27.9	27.341
800	15.572	15.444	37.031	34.8	27.439
900	15.118	14.976	37.016	31.4	27.533
1000	15.227	15.068	37.125	28.6	27.596

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1176.3	1	14.825	14.640	37.040	21.1
1007.5	2	15.209	15.049	37.122	27.9
806.6	3	15.770	15.639	37.104	34.3
600.5	4	13.557	13.470	36.136	23.6
398.9	5	15.134	15.072	36.193	27.1
99.9	6	20.726	20.707	35.679	74.8
50.6	7	25.358	25.347	36.202	194.5
3.5	8	25.886	25.885	36.248	207.4

Redsox-1 Station 128
Latitude: 12 07.53 N
Longitude: 044 45.08 E
Date: 27-02-2001
Time: 2010 GMT

Rsx1-128

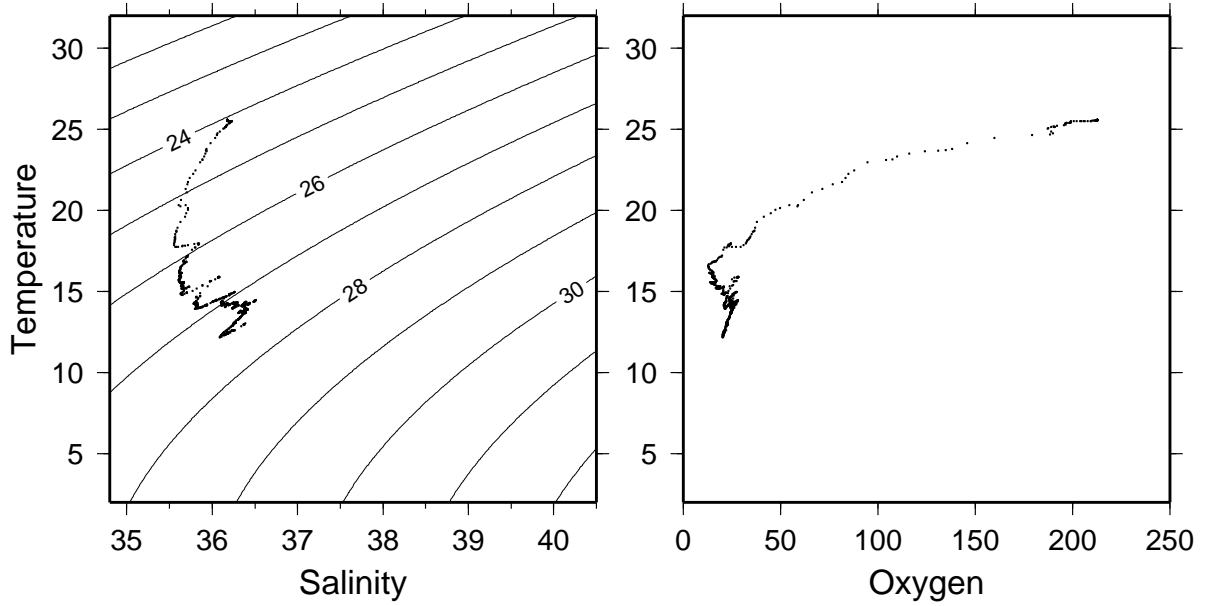
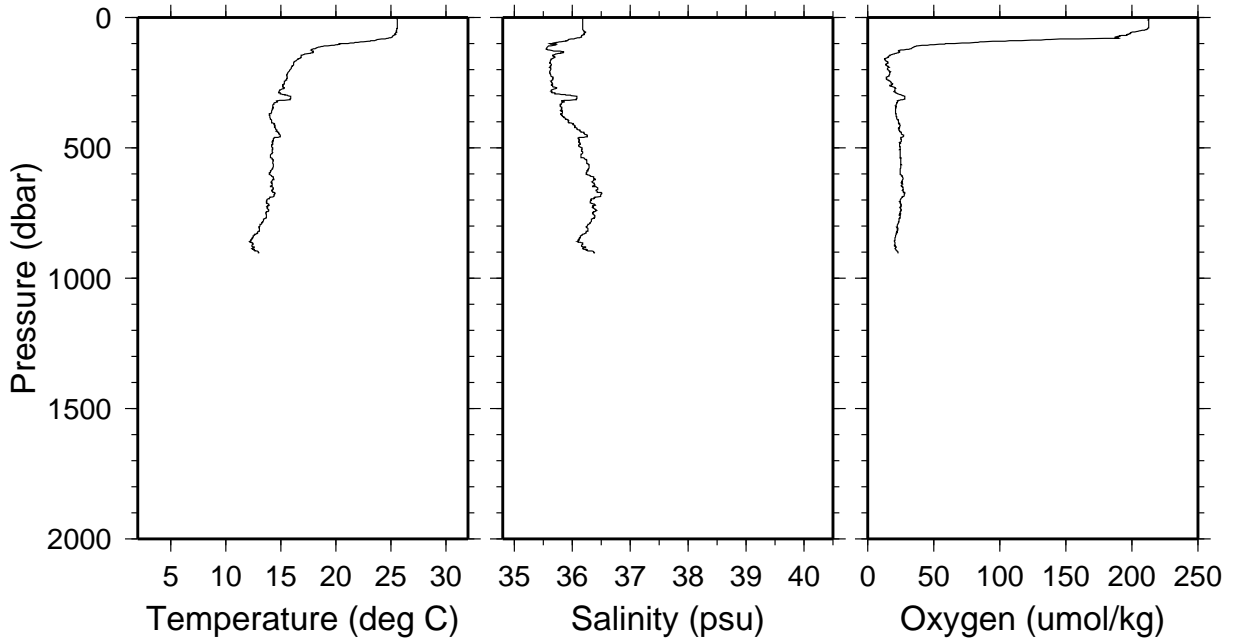


Redsox-1 **Station 129**
Latitude: 12° 13.49 N
Longitude: 044° 45.02 E
Date: 27-02-2001 2153 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.559	25.556	36.178	212.8	24.061
20	25.563	25.559	36.179	212.7	24.060
30	25.566	25.559	36.179	212.8	24.060
40	25.561	25.552	36.179	212.4	24.063
50	25.508	25.497	36.188	207.8	24.087
60	25.421	25.407	36.209	198.8	24.130
70	25.165	25.149	36.162	190.3	24.174
80	24.686	24.669	36.054	188.4	24.239
90	23.135	23.117	35.886	107.4	24.572
100	20.627	20.608	35.635	61.9	25.083
110	18.767	18.747	35.583	36.5	25.531
120	18.023	18.002	35.558	32.6	25.699
130	17.926	17.904	35.793	24.3	25.903
140	17.147	17.124	35.709	19.6	26.029
150	16.827	16.802	35.695	15.7	26.095
160	16.521	16.495	35.634	12.8	26.121
170	16.214	16.186	35.615	14.9	26.178
180	16.160	16.131	35.639	13.6	26.209
190	15.944	15.914	35.613	16.0	26.239
200	15.843	15.812	35.628	15.3	26.274
250	15.302	15.264	35.648	17.4	26.413
300	15.633	15.586	35.976	26.8	26.593
350	14.262	14.210	35.818	21.2	26.775
400	14.152	14.093	35.932	23.2	26.888
450	14.894	14.825	36.239	26.4	26.966
500	14.246	14.172	36.166	24.4	27.052
550	14.304	14.221	36.253	24.9	27.108
600	13.956	13.868	36.240	24.6	27.174
650	14.210	14.112	36.408	26.3	27.252
700	13.748	13.645	36.324	24.7	27.286
750	13.646	13.537	36.354	24.3	27.332
800	13.096	12.982	36.265	22.3	27.377
900	12.959	12.831	36.372	22.8	27.490

Redsox-1 Station 129
Latitude: 12 13.49 N
Longitude: 044 45.02 E
Date: 27-02-2001
Time: 2153 GMT

Rsx1-129



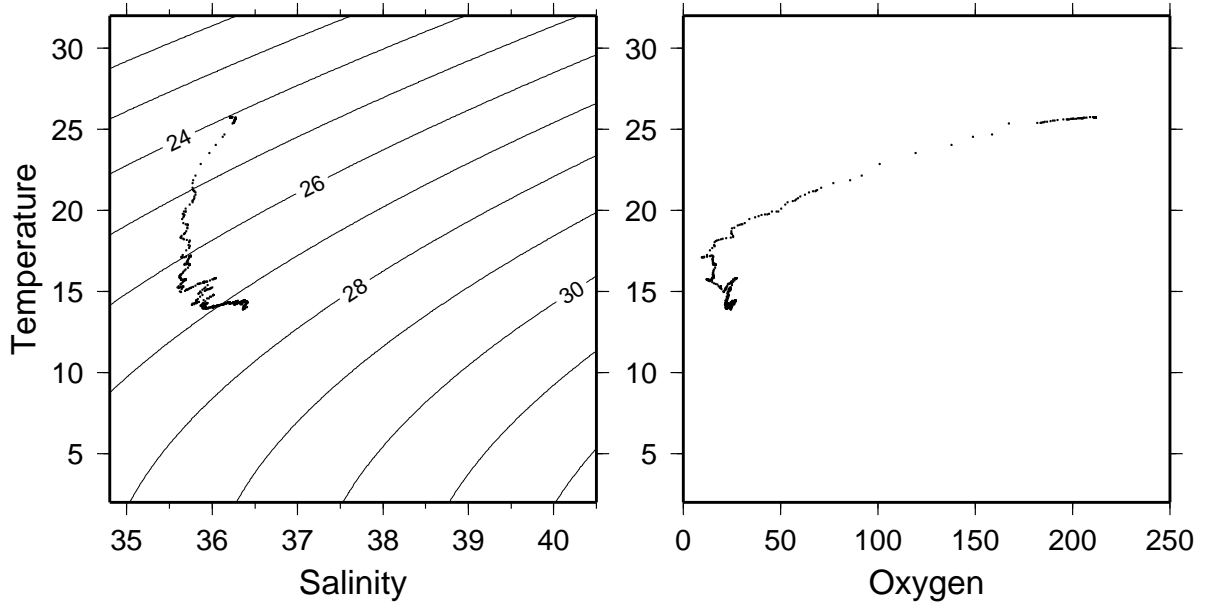
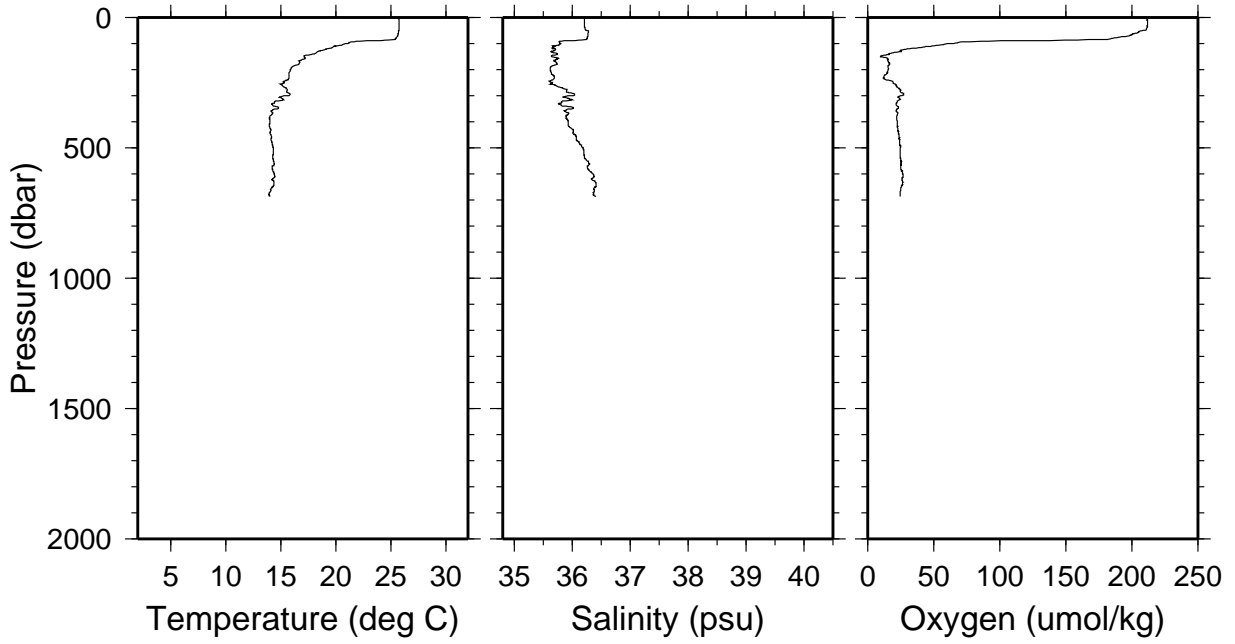
Redsox-1 **Station 130**
Latitude: 12° 22.53 N
Longitude: 044° 44.96 E
Date: 27-02-2001 2330 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.723	25.721	36.209	211.6	24.033
20	25.725	25.720	36.209	211.6	24.034
30	25.731	25.724	36.213	211.5	24.035
40	25.728	25.719	36.218	211.3	24.041
50	25.734	25.723	36.239	208.9	24.055
60	25.671	25.657	36.274	203.1	24.102
70	25.614	25.599	36.269	197.6	24.116
80	25.432	25.414	36.254	185.0	24.162
90	22.852	22.834	35.864	100.8	24.637
100	20.971	20.952	35.801	62.5	25.117
110	19.940	19.919	35.687	47.8	25.307
120	19.158	19.136	35.688	30.5	25.512
130	18.430	18.408	35.643	25.6	25.663
140	17.857	17.833	35.721	15.8	25.866
150	17.111	17.086	35.649	9.7	25.992
160	16.993	16.967	35.720	15.0	26.075
170	16.702	16.674	35.706	15.8	26.134
180	16.640	16.610	35.739	16.5	26.174
190	16.011	15.981	35.626	15.3	26.233
200	15.870	15.838	35.621	15.4	26.262
250	15.316	15.278	35.656	19.2	26.416
300	15.408	15.361	35.950	25.1	26.624
350	14.685	14.632	35.990	22.6	26.816
400	13.993	13.935	35.929	22.4	26.919
450	14.105	14.039	36.048	23.6	26.989
500	14.315	14.240	36.185	24.6	27.052
550	14.331	14.248	36.257	25.2	27.106
600	14.399	14.308	36.354	26.5	27.168
650	14.222	14.124	36.394	25.5	27.239

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
686.4	1	13.999	13.897	36.396	24.2
648.9	2	14.253	14.156	36.407	24.8
524.8	3	14.287	14.208	36.205	23.7
424.7	4	14.033	13.971	35.982	21.8
324.8	5	14.398	14.350	35.811	21.3
200.7	6	15.846	15.814	35.624	14.2
65.9	7	25.618	25.603	36.272	194.5
2.5	8	25.710	25.709	36.211	208.9

Redsox-1 Station 130
Latitude: 12 22.53 N
Longitude: 044 44.96 E
Date: 27-02-2001
Time: 2330 GMT

Rsx1-130

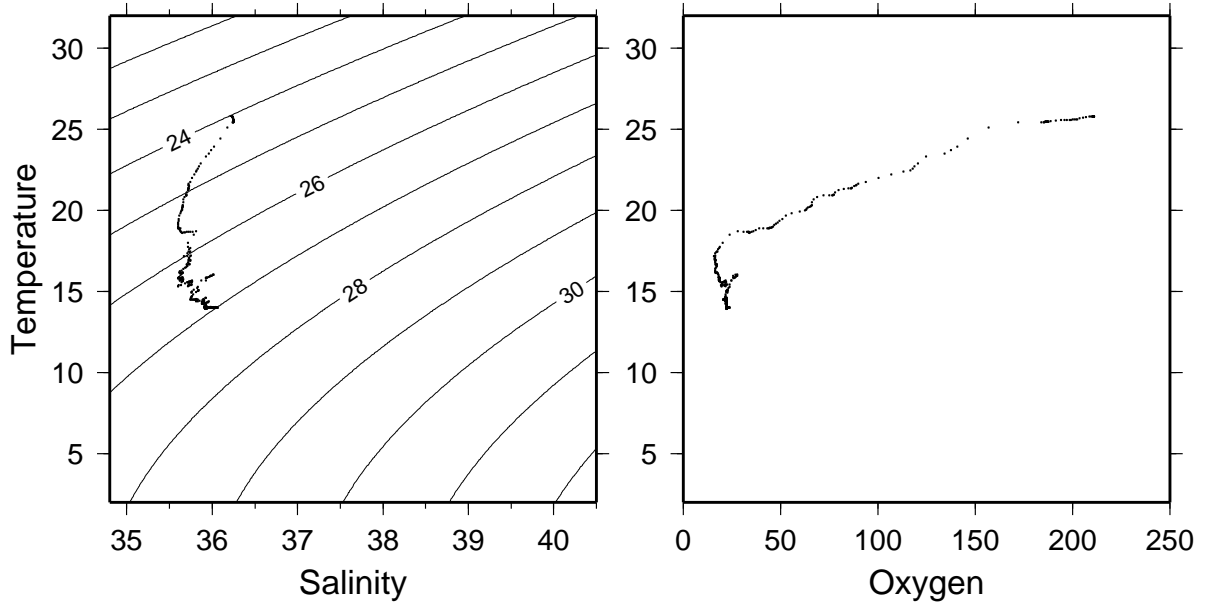
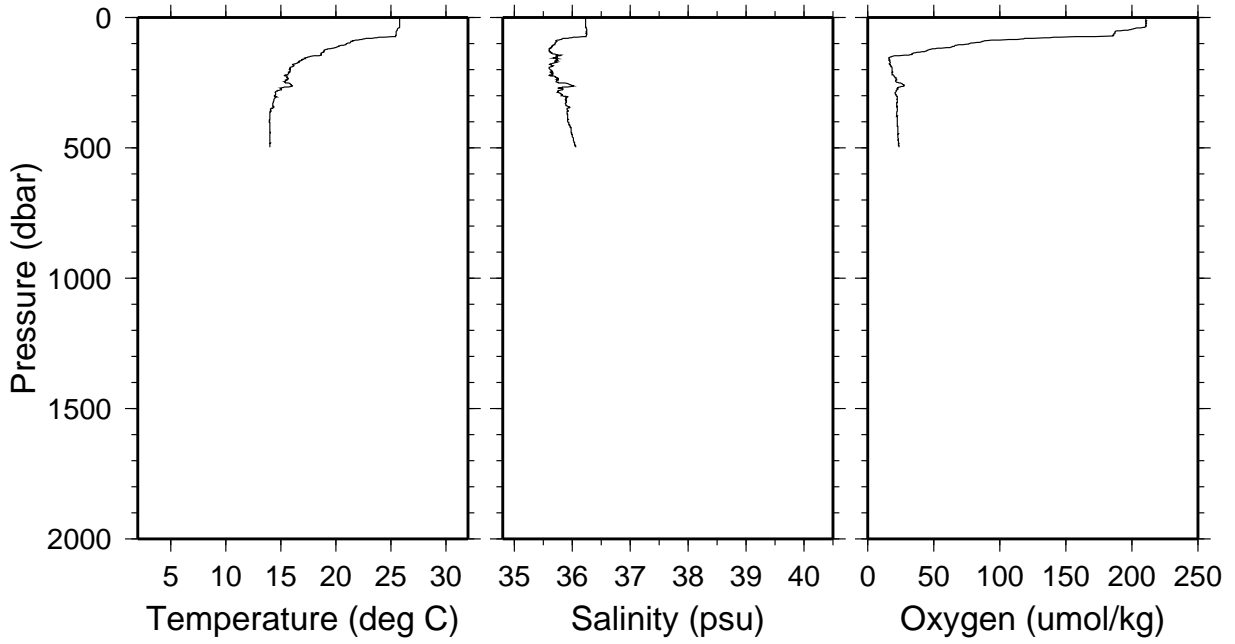


Redsox-1 **Station 131**
Latitude: 12° 25.81 N
Longitude: 044° 45.60 E
Date: 28-02-2001 0108 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.791	25.789	36.232	210.7	24.029
20	25.792	25.787	36.232	210.8	24.030
30	25.790	25.783	36.232	210.7	24.031
40	25.705	25.696	36.241	205.2	24.065
50	25.558	25.546	36.252	194.2	24.120
60	25.465	25.452	36.245	187.0	24.144
70	25.440	25.425	36.243	185.3	24.151
80	22.896	22.879	35.866	120.5	24.625
90	21.550	21.532	35.722	88.8	24.897
100	20.949	20.929	35.699	77.1	25.045
110	20.250	20.230	35.654	65.4	25.200
120	19.344	19.322	35.606	49.5	25.402
130	18.903	18.879	35.606	43.9	25.516
140	18.648	18.624	35.685	33.7	25.640
150	17.593	17.568	35.726	18.0	25.935
160	17.022	16.995	35.729	16.2	26.076
170	16.698	16.670	35.726	16.8	26.150
180	16.146	16.117	35.620	16.8	26.198
190	15.880	15.849	35.612	18.3	26.253
200	15.827	15.796	35.617	18.5	26.269
250	15.441	15.402	35.758	22.7	26.467
300	14.385	14.341	35.811	21.4	26.742
350	14.075	14.023	35.908	22.2	26.884
400	13.938	13.879	35.918	22.4	26.923
450	14.015	13.949	35.996	23.0	26.968

Redsox-1 Station 131
Latitude: 12 25.81 N
Longitude: 044 45.60 E
Date: 28-02-2001
Time: 0108 GMT

Rsx1-131



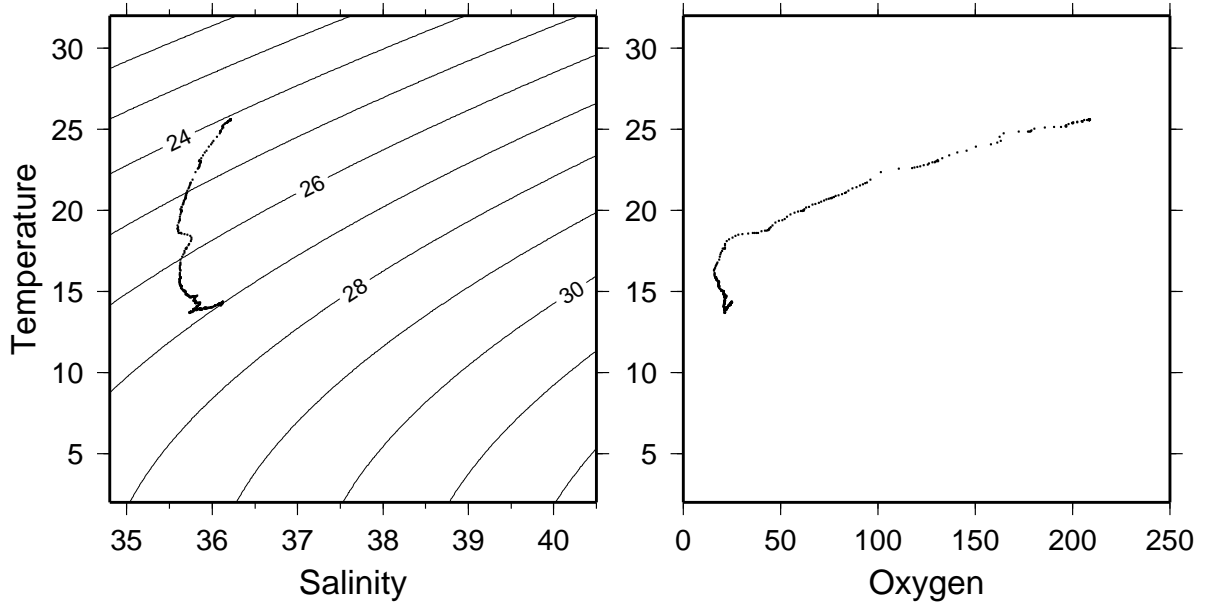
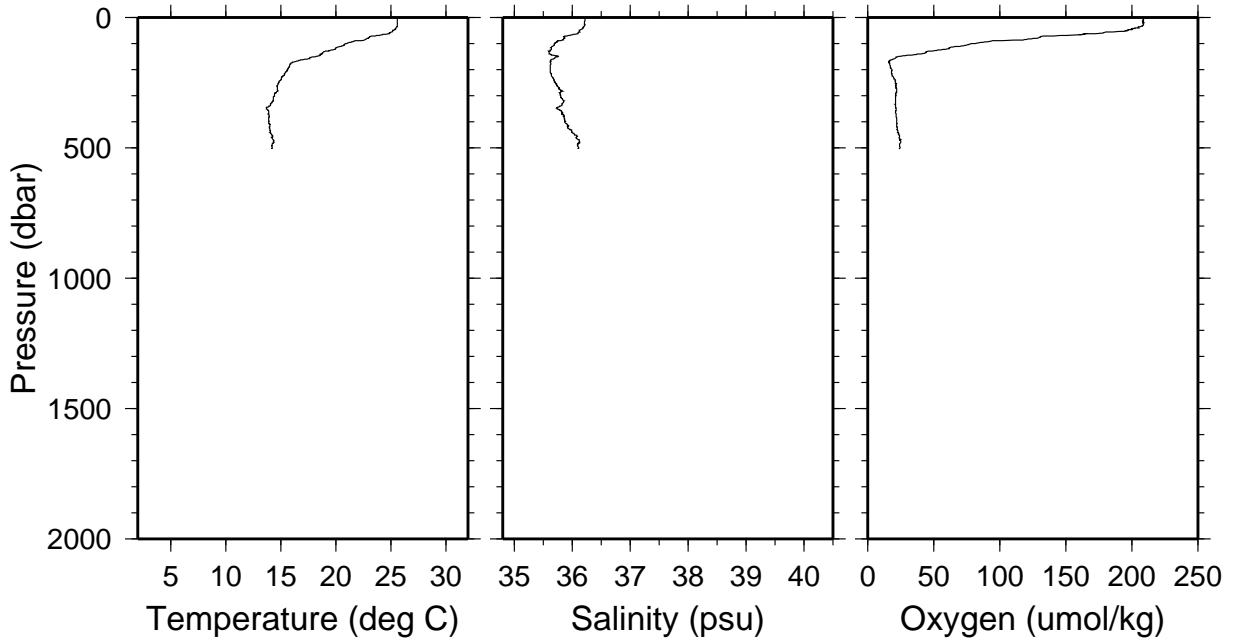
Redsox-1 **Station 132**
Latitude: 12° 32.43 N
Longitude: 044° 59.94 E
Date: 28-02-2001 0312 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.589	25.587	36.217	208.6	24.081
20	25.585	25.581	36.214	208.5	24.080
30	25.585	25.578	36.215	208.5	24.081
40	25.484	25.475	36.187	204.8	24.092
50	25.182	25.171	36.123	196.8	24.138
60	24.860	24.847	36.096	177.7	24.217
70	23.574	23.559	35.913	140.7	24.463
80	22.890	22.874	35.856	126.3	24.619
90	21.714	21.696	35.752	94.4	24.874
100	20.942	20.923	35.694	79.8	25.043
110	20.462	20.441	35.661	69.5	25.148
120	19.961	19.939	35.639	61.1	25.266
130	19.054	19.030	35.594	45.8	25.468
140	18.623	18.599	35.610	38.4	25.590
150	18.119	18.093	35.749	22.3	25.822
160	17.275	17.249	35.660	19.1	25.961
170	16.290	16.263	35.625	15.7	26.168
180	15.841	15.813	35.626	16.8	26.272
190	15.756	15.726	35.622	17.1	26.289
200	15.601	15.570	35.622	18.3	26.325
250	14.815	14.777	35.708	21.3	26.567
300	14.414	14.369	35.802	21.4	26.728
350	13.698	13.648	35.737	21.5	26.831
400	13.902	13.844	35.872	21.9	26.894
450	14.136	14.070	36.038	23.6	26.975
500	14.230	14.156	36.113	24.4	27.015

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
504.0	1	14.164	14.089	36.096	24.5
351.0	2	13.724	13.673	35.737	21.2
186.0	3	15.795	15.766	35.620	15.9
79.9	4	22.916	22.900	35.868	127.3
2.8	5	25.566	25.565	36.210	210.2

Redsox-1 Station 132
Latitude: 12 32.43 N
Longitude: 044 59.94 E
Date: 28-02-2001
Time: 0312 GMT

Rsx1-132

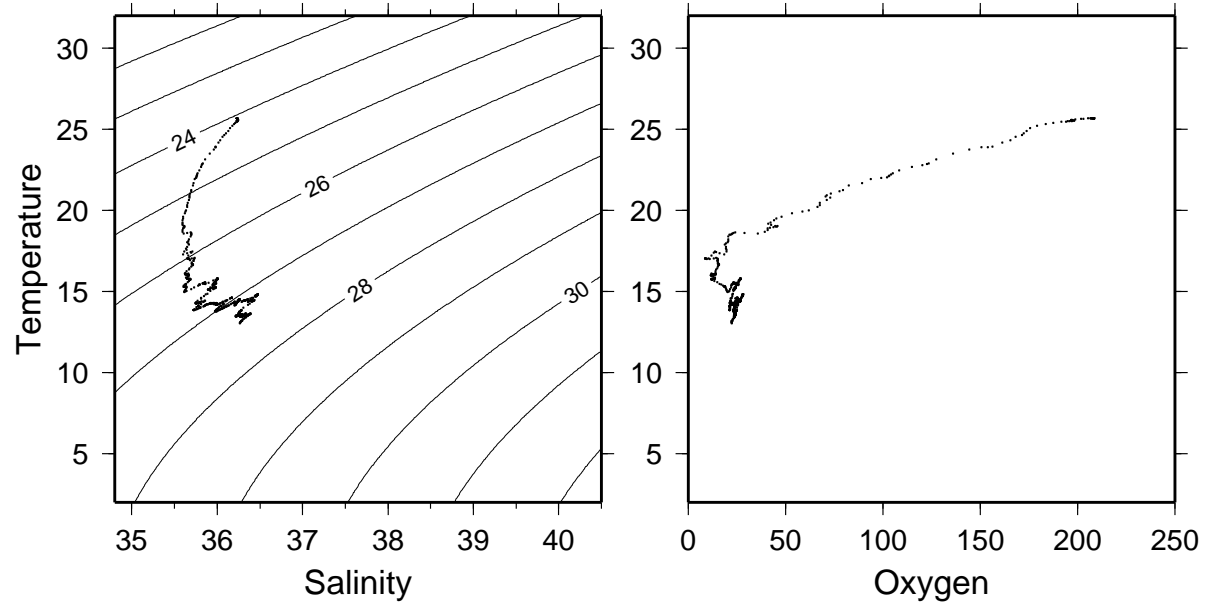
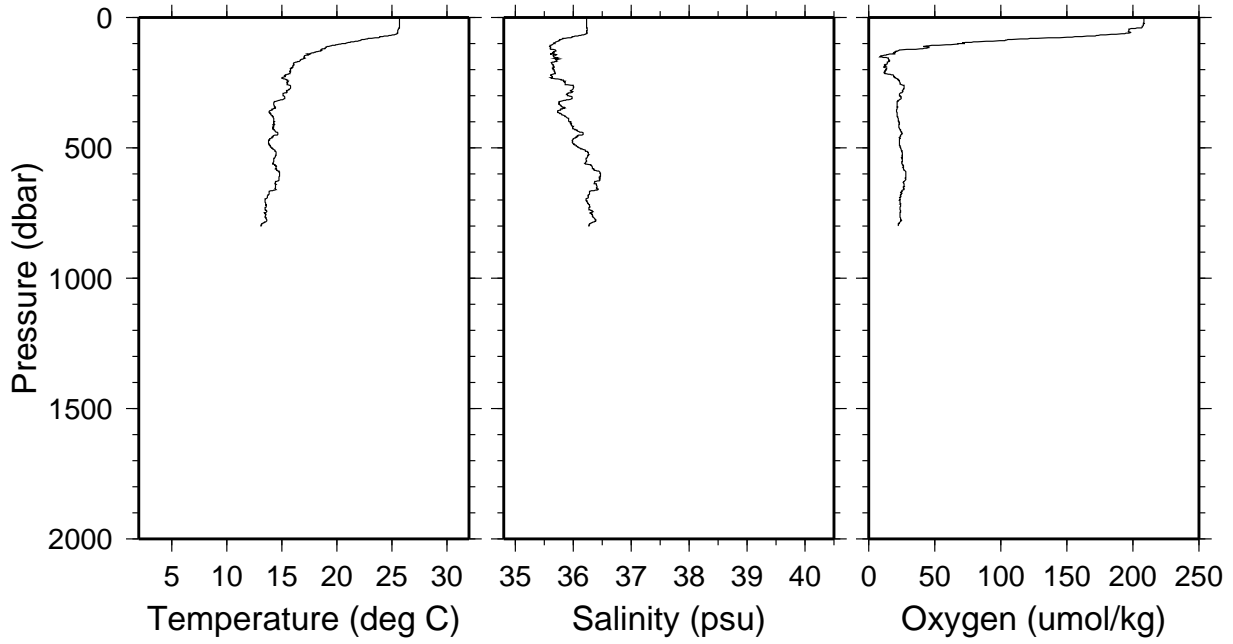


Redsox-1 **Station 133**
Latitude: 12° 26.59 N
Longitude: 045° 0.05 E
Date: 28-02-2001 0440 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.676	25.674	36.230	208.2	24.063
20	25.668	25.664	36.230	208.3	24.066
30	25.668	25.662	36.229	208.1	24.066
40	25.661	25.652	36.232	205.5	24.072
50	25.538	25.527	36.236	197.0	24.113
60	25.503	25.490	36.234	195.7	24.124
70	24.632	24.617	36.080	171.3	24.274
80	22.907	22.891	35.829	123.5	24.594
90	22.012	21.994	35.751	99.1	24.790
100	20.649	20.630	35.666	71.1	25.101
110	19.263	19.243	35.595	42.3	25.413
120	18.768	18.747	35.597	40.8	25.542
130	18.396	18.373	35.690	20.5	25.708
140	17.292	17.269	35.601	18.5	25.912
150	17.022	16.998	35.659	8.6	26.021
160	16.877	16.851	35.721	15.0	26.103
170	16.412	16.384	35.678	14.8	26.180
180	16.073	16.044	35.651	12.8	26.238
190	16.002	15.972	35.670	11.5	26.270
200	15.774	15.742	35.655	13.1	26.311
250	15.523	15.484	35.861	23.7	26.528
300	15.151	15.105	35.916	23.5	26.655
350	14.216	14.164	35.808	21.3	26.777
400	14.291	14.231	35.949	22.8	26.871
450	14.616	14.548	36.168	24.6	26.972
500	14.080	14.006	36.106	24.0	27.041
550	14.275	14.192	36.227	25.3	27.095
600	14.808	14.715	36.473	28.2	27.171
650	14.416	14.317	36.407	26.6	27.207
700	13.479	13.378	36.224	23.4	27.264
750	13.448	13.339	36.294	23.7	27.326
800	13.052	12.938	36.263	22.4	27.384

Redsox-1 Station 133
Latitude: 12 26.59 N
Longitude: 045 00.05 E
Date: 28-02-2001
Time: 0440 GMT

Rsx1-133



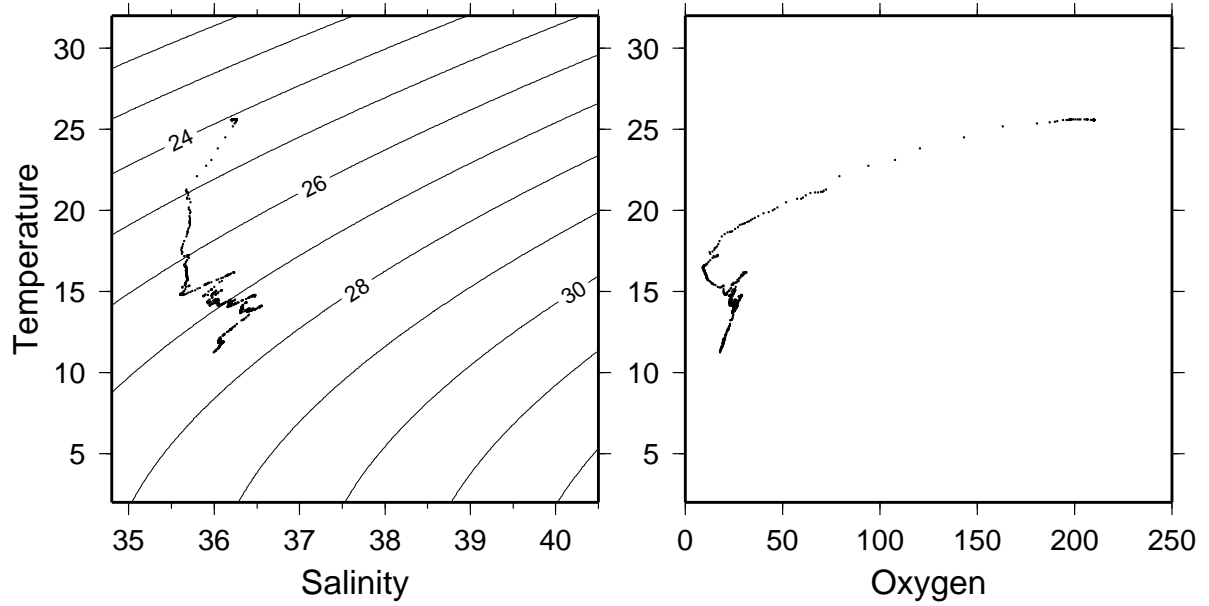
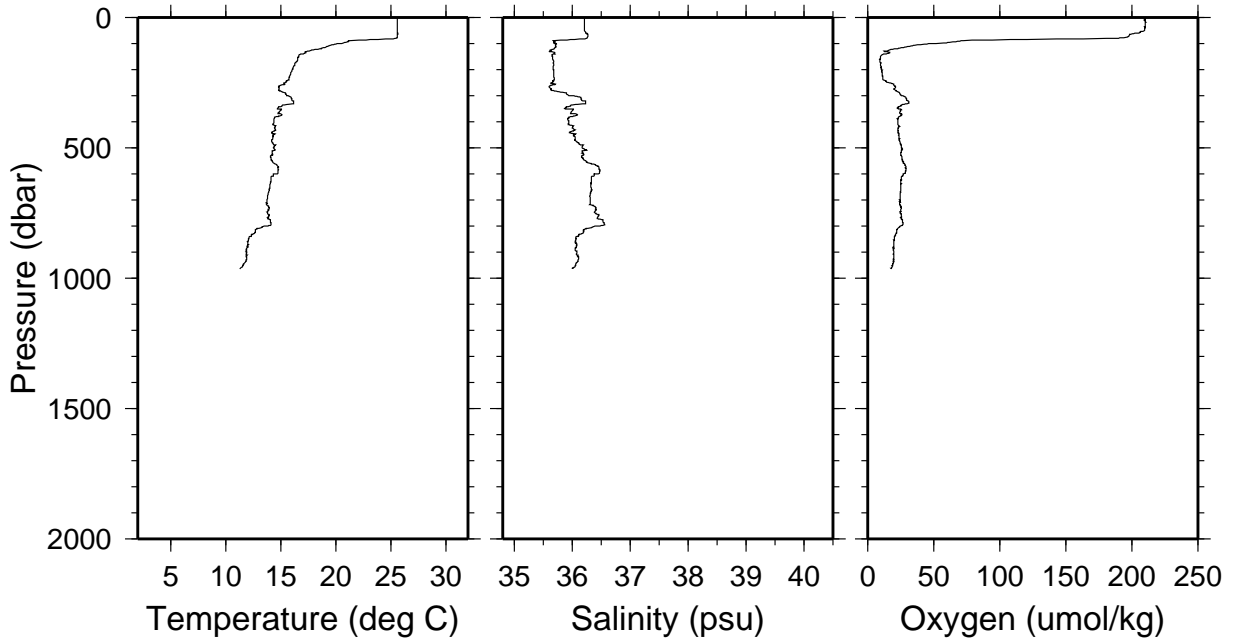
Redsox-1 **Station 134**
Latitude: 12° 18.33 N
Longitude: 045° 0.05 E
Date: 28-02-2001 0558 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.581	25.579	36.207	210.1	24.076
20	25.579	25.575	36.207	210.1	24.077
30	25.580	25.574	36.207	210.1	24.077
40	25.583	25.574	36.208	209.9	24.078
50	25.581	25.570	36.210	209.6	24.081
60	25.604	25.591	36.240	203.1	24.097
70	25.596	25.580	36.268	197.9	24.121
80	25.438	25.420	36.249	187.2	24.156
90	21.146	21.129	35.672	70.5	24.971
100	20.179	20.160	35.699	47.3	25.253
110	19.270	19.250	35.714	31.7	25.503
120	18.637	18.616	35.686	21.9	25.644
130	17.422	17.400	35.630	12.5	25.902
140	16.927	16.903	35.682	12.9	26.061
150	16.611	16.586	35.659	9.7	26.118
160	16.519	16.493	35.665	9.4	26.145
170	16.396	16.368	35.678	9.3	26.184
180	16.287	16.258	35.678	9.7	26.209
190	16.129	16.099	35.674	10.2	26.243
200	16.055	16.023	35.674	10.5	26.261
250	15.397	15.358	35.656	15.5	26.398
300	15.588	15.541	35.967	26.1	26.597
350	14.703	14.650	35.876	23.2	26.725
400	14.357	14.297	35.937	23.0	26.848
450	14.306	14.239	36.023	23.6	26.927
500	14.334	14.259	36.167	25.6	27.034
550	14.228	14.146	36.242	26.6	27.116
600	14.320	14.230	36.375	27.0	27.201
650	13.995	13.898	36.323	25.0	27.232
700	13.727	13.625	36.310	24.4	27.279
750	13.786	13.675	36.400	24.8	27.338
800	13.568	13.451	36.409	24.7	27.392
900	11.876	11.755	36.076	19.5	27.472

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
964.0	1	11.366	11.239	36.016	17.9
702.2	2	13.721	13.618	36.307	23.5
579.8	3	14.739	14.650	36.454	28.5
400.1	4	14.382	14.322	35.942	22.5
159.8	5	16.522	16.496	35.662	7.8
60.5	6	25.599	25.586	36.241	205.0
2.2	7	25.588	25.588	36.204	213.0

Redsox-1 Station 134
Latitude: 12 18.33 N
Longitude: 045 00.05 E
Date: 28-02-2001
Time: 0558 GMT

Rsx1-134

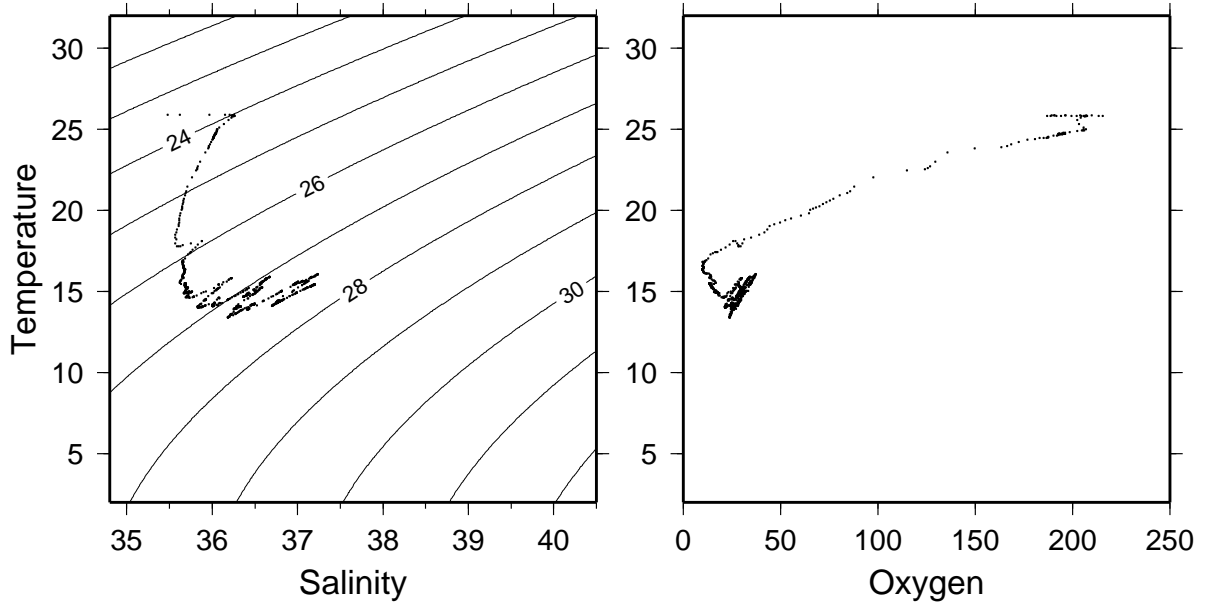
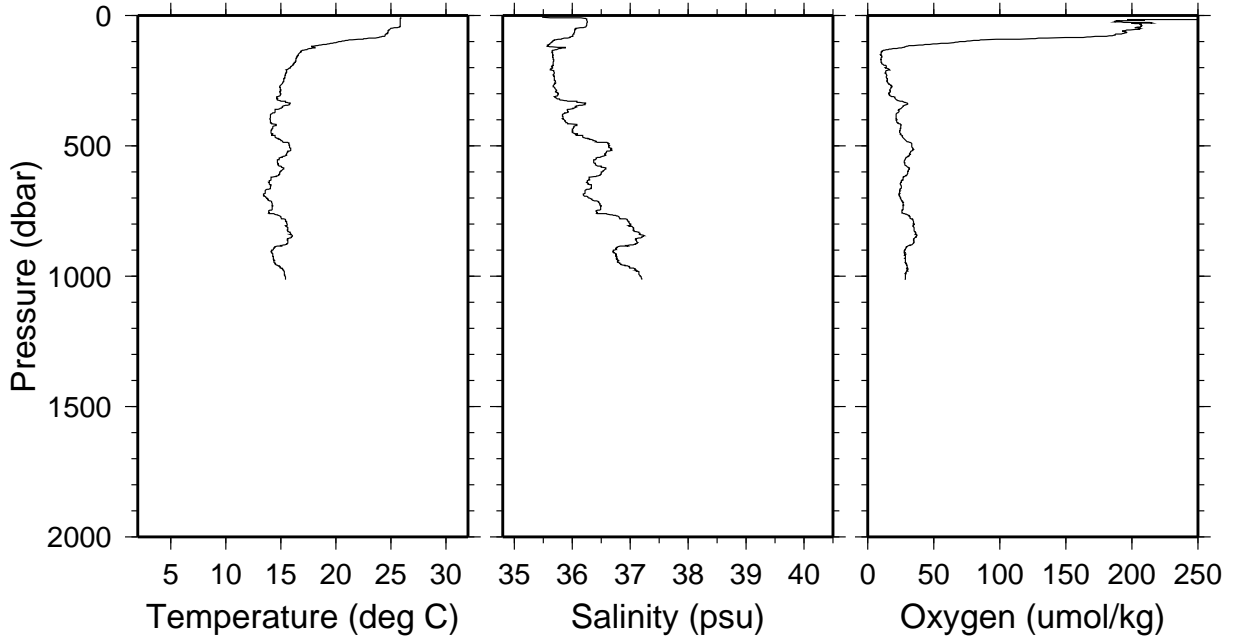


Redsox-1 **Station 135**
Latitude: 12° 4.25 N
Longitude: 044° 59.86 E
Date: 28-02-2001 0831 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.878	25.876	36.151	382.3	23.941
20	25.847	25.842	36.254	190.9	24.029
30	25.833	25.826	36.247	202.2	24.029
40	25.826	25.817	36.244	207.3	24.029
50	24.988	24.978	36.059	205.7	24.148
60	24.728	24.715	36.040	192.4	24.214
70	24.615	24.600	36.026	192.1	24.238
80	24.343	24.326	36.002	176.8	24.302
90	22.550	22.532	35.824	124.0	24.693
100	20.376	20.358	35.654	71.7	25.166
110	19.127	19.108	35.607	46.7	25.458
120	17.798	17.778	35.630	28.3	25.809
130	17.428	17.406	35.750	16.3	25.992
140	16.829	16.806	35.660	10.0	26.067
150	16.584	16.560	35.664	10.0	26.129
160	16.449	16.423	35.663	10.3	26.160
170	16.369	16.341	35.681	9.9	26.192
180	16.276	16.247	35.674	10.2	26.209
190	16.111	16.080	35.668	12.3	26.243
200	15.852	15.820	35.664	13.4	26.300
250	15.257	15.219	35.703	14.5	26.465
300	14.970	14.924	35.753	15.9	26.569
350	15.171	15.117	36.066	26.5	26.768
400	14.027	13.968	35.859	21.7	26.858
450	14.086	14.019	36.007	24.3	26.962
500	15.779	15.699	36.634	33.3	27.075
550	14.856	14.772	36.414	28.7	27.113
600	14.925	14.832	36.506	30.2	27.171
650	14.081	13.984	36.333	25.1	27.222
700	13.696	13.593	36.293	24.6	27.272
750	13.886	13.775	36.412	25.7	27.327
800	15.560	15.431	36.995	34.9	27.414
900	14.179	14.042	36.715	28.0	27.504
1000	15.368	15.208	37.172	28.5	27.601

Redsox-1 Station 135
Latitude: 12 04.25 N
Longitude: 044 59.86 E
Date: 28-02-2001
Time: 0831 GMT

Rsx1-135



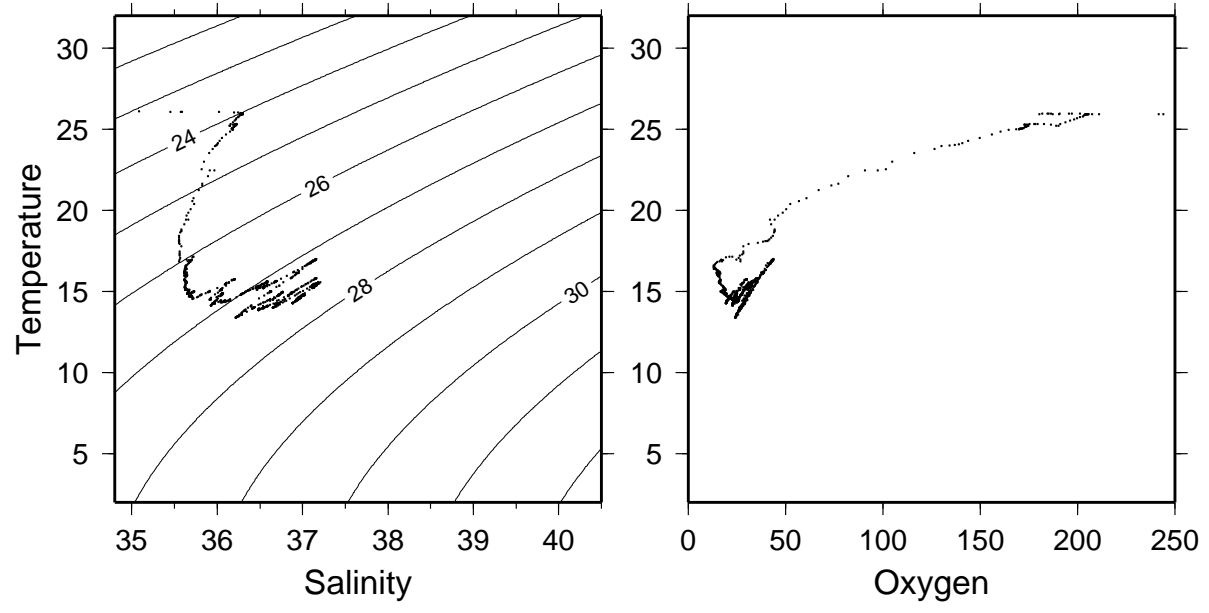
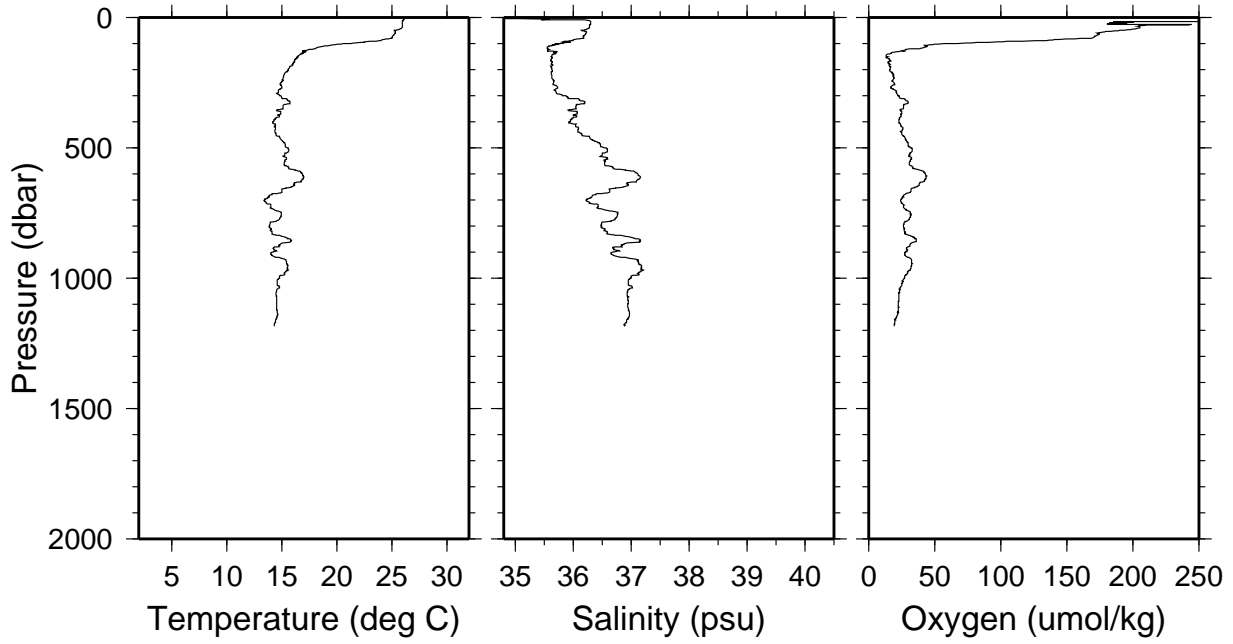
Redsox-1 **Station 136**
Latitude: 11° 58.89 N
Longitude: 044° 59.96 E
Date: 28-02-2001 1022 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.052	26.050	36.199	357.0	23.923
20	25.952	25.948	36.298	186.3	24.029
30	25.938	25.931	36.282	207.5	24.023
40	25.913	25.904	36.276	204.8	24.027
50	25.211	25.200	36.144	190.1	24.144
60	25.286	25.273	36.221	172.8	24.181
70	25.072	25.057	36.178	172.0	24.215
80	24.961	24.944	36.176	164.7	24.248
90	23.786	23.767	35.944	126.5	24.425
100	20.761	20.742	35.720	60.8	25.112
110	18.738	18.719	35.579	44.3	25.536
120	17.994	17.973	35.556	35.8	25.705
130	16.971	16.950	35.640	24.6	26.017
140	16.810	16.787	35.680	15.0	26.087
150	16.448	16.423	35.630	13.8	26.134
160	16.249	16.223	35.619	15.6	26.172
170	16.151	16.123	35.639	14.8	26.211
180	15.955	15.926	35.619	15.8	26.241
190	15.699	15.670	35.620	16.4	26.300
200	15.606	15.574	35.632	16.1	26.331
250	14.941	14.902	35.660	18.8	26.502
300	14.811	14.766	35.819	22.4	26.655
350	15.084	15.030	36.046	25.9	26.772
400	14.193	14.134	35.932	22.6	26.879
450	14.482	14.414	36.148	25.1	26.986
500	15.514	15.434	36.553	32.2	27.073
550	15.309	15.223	36.555	31.5	27.122
600	16.856	16.755	37.114	42.8	27.197
650	15.854	15.749	36.868	36.5	27.243
700	13.406	13.305	36.221	24.3	27.277
750	14.955	14.838	36.766	31.8	27.371
800	13.872	13.753	36.485	26.4	27.388
900	14.108	13.973	36.678	27.8	27.491
1000	14.775	14.619	36.997	26.8	27.597

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1184.8	1	14.299	14.117	36.880	20.3
954.5	2	15.541	15.387	37.177	31.2
649.7	3	15.417	15.314	36.766	33.3
616.0	4	16.857	16.753	37.118	41.4
199.7	5	15.618	15.587	35.394	15.6
99.8	6	20.580	20.561	35.713	54.0
49.9	7	25.196	25.185	36.175	188.2
2.0	8	26.144	26.144	36.283	208.7

Redsox-1 Station 136
Latitude: 11 58.89 N
Longitude: 044 59.96 E
Date: 28-02-2001
Time: 1022 GMT

Rsx1-136

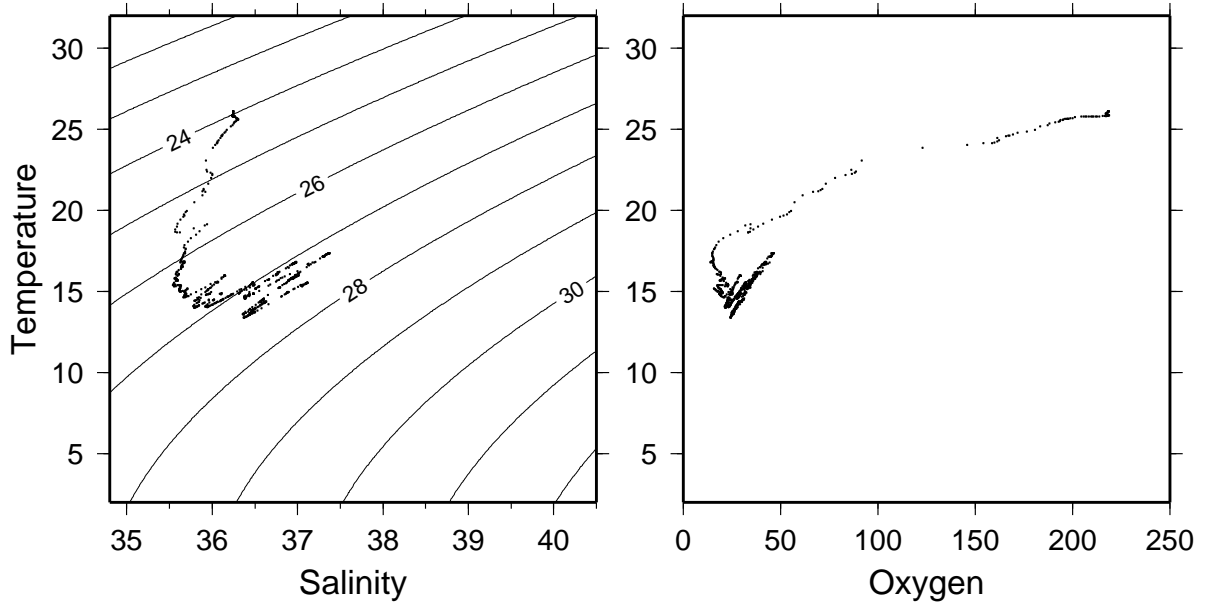
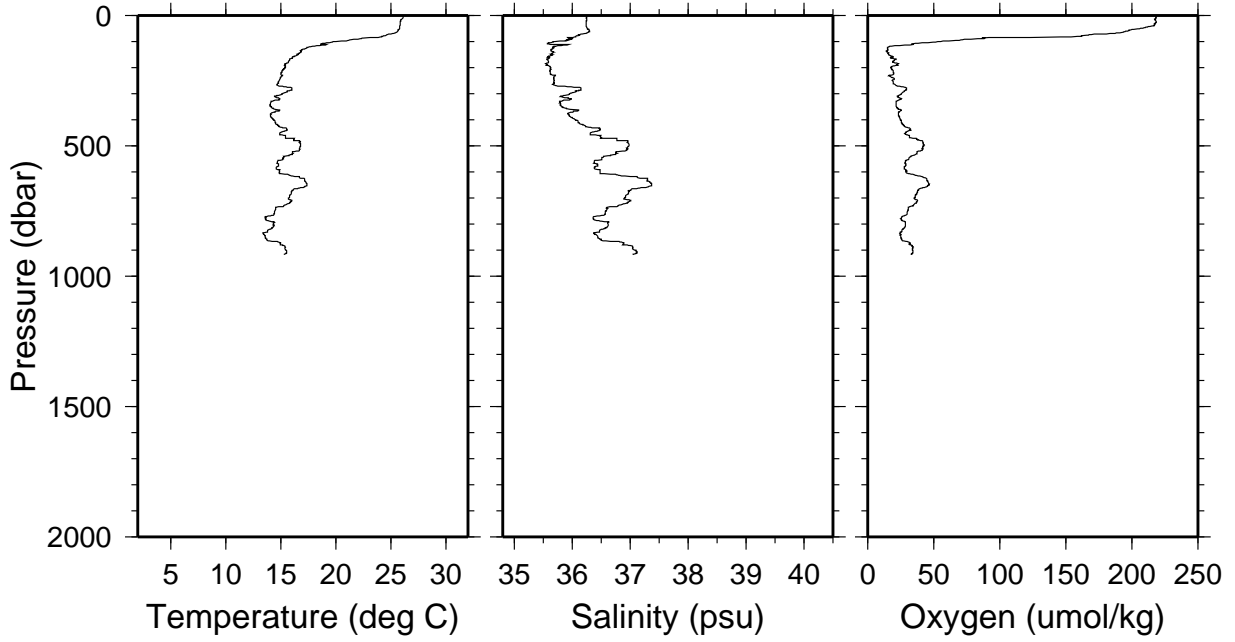


Redsox-1 **Station 137**
Latitude: 11° 53.35 N
Longitude: 044° 59.85 E
Date: 28-02-2001 1306 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.088	26.086	36.245	218.2	23.946
20	25.881	25.877	36.245	218.0	24.011
30	25.837	25.830	36.240	217.3	24.023
40	25.811	25.802	36.239	216.5	24.030
50	25.776	25.765	36.261	206.5	24.059
60	25.625	25.612	36.298	196.1	24.134
70	24.977	24.961	36.174	180.6	24.240
80	24.195	24.178	36.060	159.9	24.391
90	22.188	22.170	36.000	83.2	24.930
100	19.883	19.865	35.687	54.4	25.321
110	18.647	18.627	35.621	33.3	25.591
120	17.659	17.638	35.690	16.1	25.889
130	17.003	16.981	35.640	15.5	26.010
140	16.829	16.806	35.676	14.6	26.079
150	16.516	16.491	35.649	16.0	26.133
160	16.018	15.993	35.583	18.7	26.198
170	15.792	15.766	35.576	20.5	26.245
180	15.679	15.651	35.593	19.1	26.284
190	15.312	15.282	35.551	22.9	26.334
200	15.351	15.320	35.625	17.8	26.383
250	14.855	14.817	35.694	18.6	26.548
300	15.132	15.085	35.953	25.4	26.688
350	14.082	14.030	35.823	21.8	26.817
400	14.344	14.285	36.060	24.9	26.946
450	14.921	14.852	36.319	28.5	27.022
500	16.810	16.726	36.983	42.2	27.103
550	15.182	15.096	36.512	31.3	27.117
600	14.864	14.771	36.481	29.1	27.165
650	17.358	17.247	37.371	46.4	27.275
700	15.726	15.613	36.904	35.4	27.302
750	14.430	14.316	36.577	30.2	27.339
800	14.341	14.220	36.619	28.7	27.392
900	15.443	15.299	37.078	34.0	27.508

Redsox-1 Station 137
Latitude: 11 53.35 N
Longitude: 044 59.85 E
Date: 28-02-2001
Time: 1306 GMT

Rsx1-137



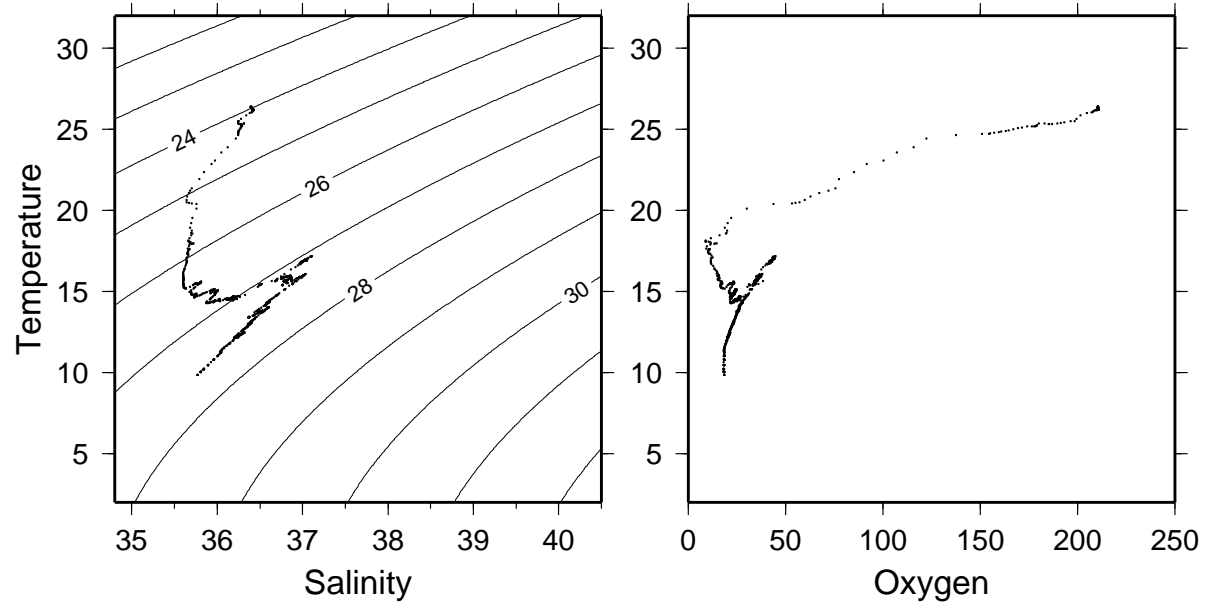
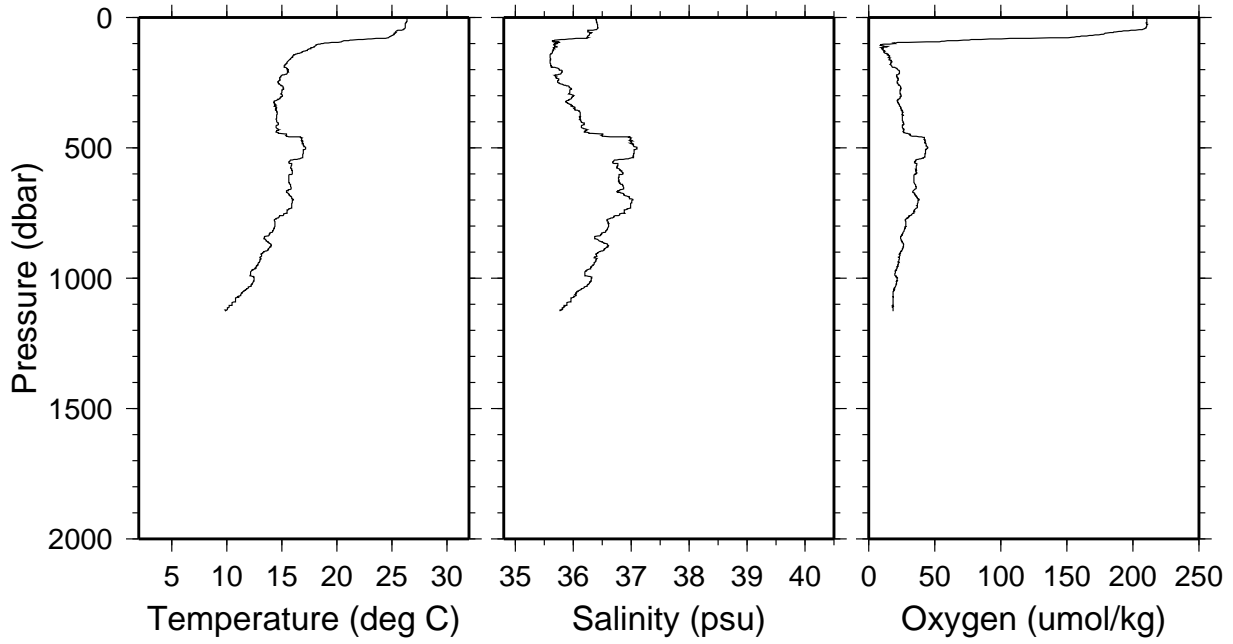
Redsox-1 **Station 138**
Latitude: 11° 44.09 N
Longitude: 044° 59.84 E
Date: 28-02-2001 1458 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.373	26.371	36.396	210.5	23.970
20	26.280	26.276	36.408	210.3	24.010
30	26.207	26.200	36.418	210.6	24.041
40	26.190	26.181	36.425	209.8	24.052
50	25.506	25.495	36.252	198.5	24.135
60	25.261	25.248	36.294	179.2	24.243
70	24.941	24.925	36.254	164.7	24.312
80	23.903	23.886	36.126	115.7	24.528
90	20.627	20.610	35.643	59.8	25.090
100	18.624	18.606	35.693	19.7	25.651
110	17.965	17.946	35.686	11.6	25.811
120	17.534	17.514	35.662	10.6	25.899
130	17.025	17.003	35.643	11.7	26.007
140	16.305	16.282	35.612	13.9	26.153
150	15.979	15.955	35.600	15.6	26.220
160	15.749	15.724	35.605	15.2	26.276
170	15.517	15.491	35.601	17.4	26.326
180	15.346	15.318	35.609	16.6	26.371
190	15.185	15.156	35.625	17.9	26.419
200	15.499	15.468	35.758	21.9	26.452
250	14.657	14.619	35.734	21.5	26.622
300	15.066	15.020	36.006	24.7	26.744
350	14.426	14.374	36.016	24.4	26.893
400	14.552	14.492	36.138	25.8	26.962
450	15.406	15.335	36.500	31.4	27.054
500	17.163	17.078	37.102	44.6	27.110
550	15.737	15.649	36.701	35.3	27.138
600	15.961	15.863	36.856	35.9	27.208
650	15.812	15.707	36.862	35.8	27.248
700	16.060	15.946	37.035	37.7	27.326
750	15.468	15.348	36.885	34.1	27.348
800	14.370	14.248	36.610	28.1	27.379
900	13.317	13.186	36.439	24.0	27.470
1000	12.477	12.337	36.317	21.3	27.546

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1125.4	1	9.879	9.742	35.768	19.7
1000.4	2	12.099	11.962	36.188	20.0
851.7	3	13.453	13.329	36.389	23.9
650.9	4	15.911	15.806	36.888	35.2
449.7	5	14.740	14.671	36.279	43.1
100.6	6	18.336	18.318	35.673	9.7
50.0	7	25.620	25.609	36.330	196.4
2.0	8	26.330	26.330	36.388	207.7

Redsox-1 Station 138
Latitude: 11 44.09 N
Longitude: 044 59.84 E
Date: 28-02-2001
Time: 1458 GMT

Rsx1-138

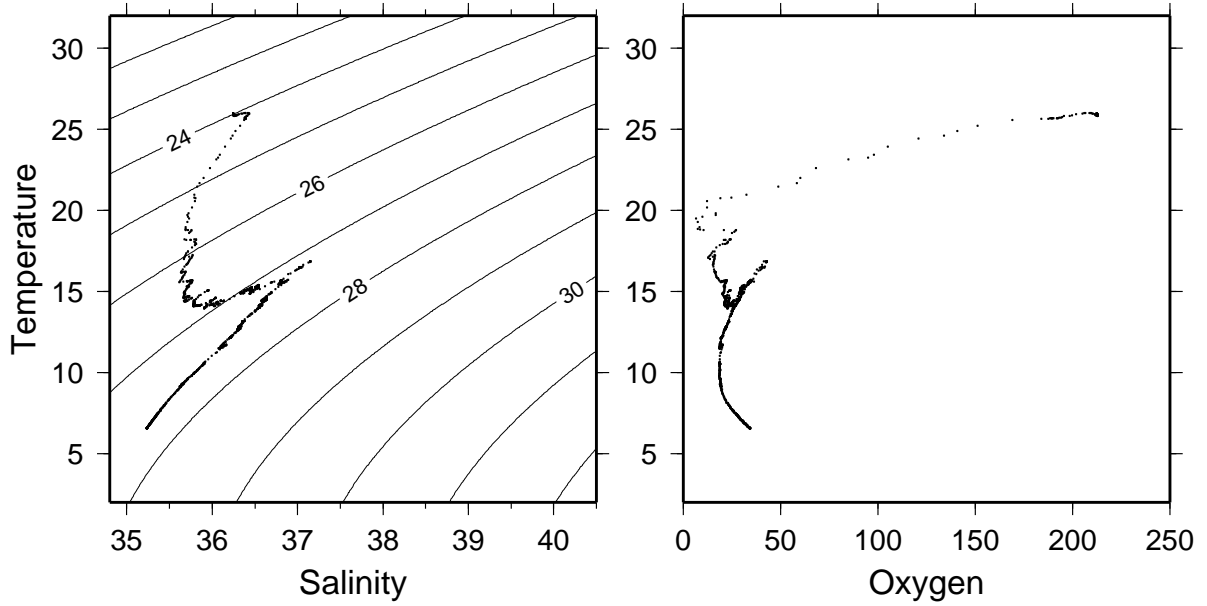
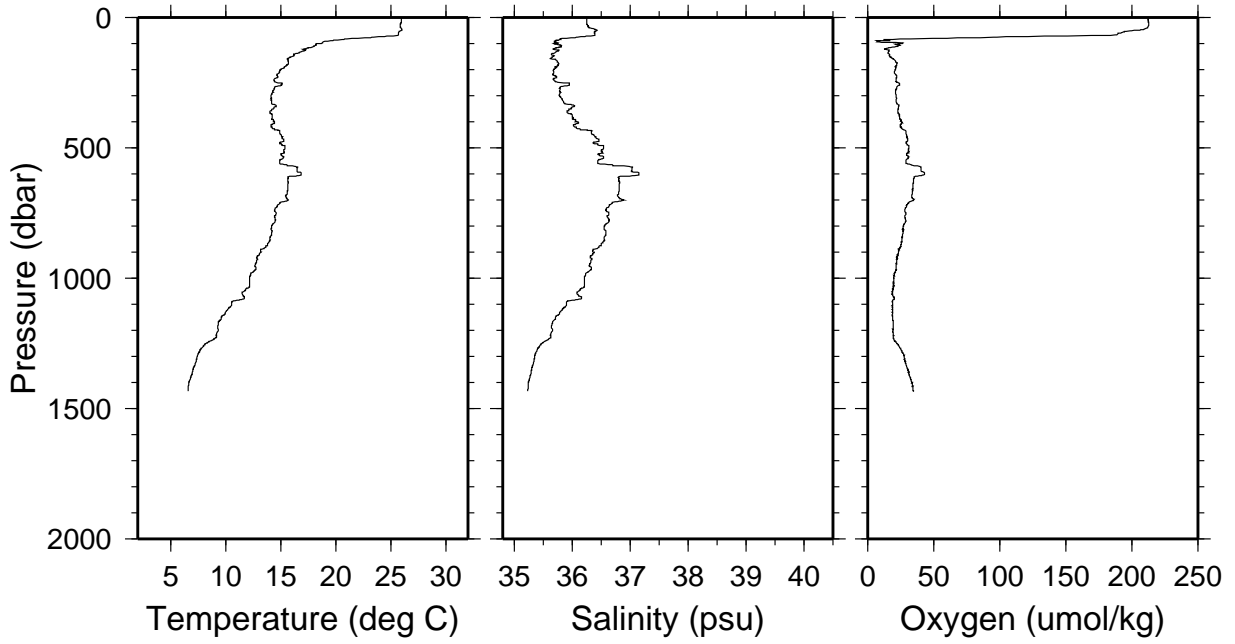


Redsox-1 **Station 139**
Latitude: 11° 33.92 N
Longitude: 044° 59.96 E
Date: 28-02-2001 1718 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.962	25.960	36.246	212.4	23.986
20	25.918	25.913	36.245	212.7	24.000
30	25.843	25.837	36.265	212.7	24.039
40	25.899	25.890	36.302	211.6	24.051
50	25.944	25.933	36.429	201.9	24.133
60	25.683	25.670	36.386	190.3	24.183
70	25.225	25.210	36.324	151.2	24.278
80	21.687	21.671	35.854	58.5	24.959
90	19.502	19.486	35.728	6.5	25.452
100	18.605	18.587	35.732	25.1	25.686
110	17.998	17.979	35.801	22.6	25.891
120	17.168	17.148	35.681	13.3	26.002
130	16.955	16.934	35.739	15.8	26.098
140	16.191	16.169	35.636	16.4	26.198
150	15.969	15.945	35.665	16.8	26.271
160	15.659	15.634	35.700	19.7	26.370
170	15.659	15.632	35.737	21.1	26.399
180	15.585	15.557	35.754	21.9	26.429
190	15.290	15.261	35.703	21.0	26.456
200	14.960	14.929	35.674	20.8	26.507
250	14.599	14.562	35.762	23.0	26.656
300	14.094	14.049	35.778	21.4	26.778
350	14.339	14.287	35.976	23.0	26.880
400	14.335	14.276	36.071	25.7	26.957
450	15.024	14.954	36.371	29.3	27.039
500	15.377	15.298	36.541	31.2	27.094
550	14.871	14.786	36.443	28.8	27.132
600	16.839	16.738	37.147	42.8	27.227
650	15.620	15.516	36.810	34.1	27.252
700	15.699	15.586	36.886	34.6	27.295
750	14.556	14.442	36.632	28.9	27.354
800	14.166	14.045	36.557	26.9	27.381
900	13.153	13.024	36.369	23.3	27.450
1000	12.148	12.011	36.210	19.4	27.528
1250	8.245	8.107	35.477	21.9	27.632

Redsox-1 Station 139
Latitude: 11 33.92 N
Longitude: 044 59.96 E
Date: 28-02-2001
Time: 1718 GMT

Rsx1-139



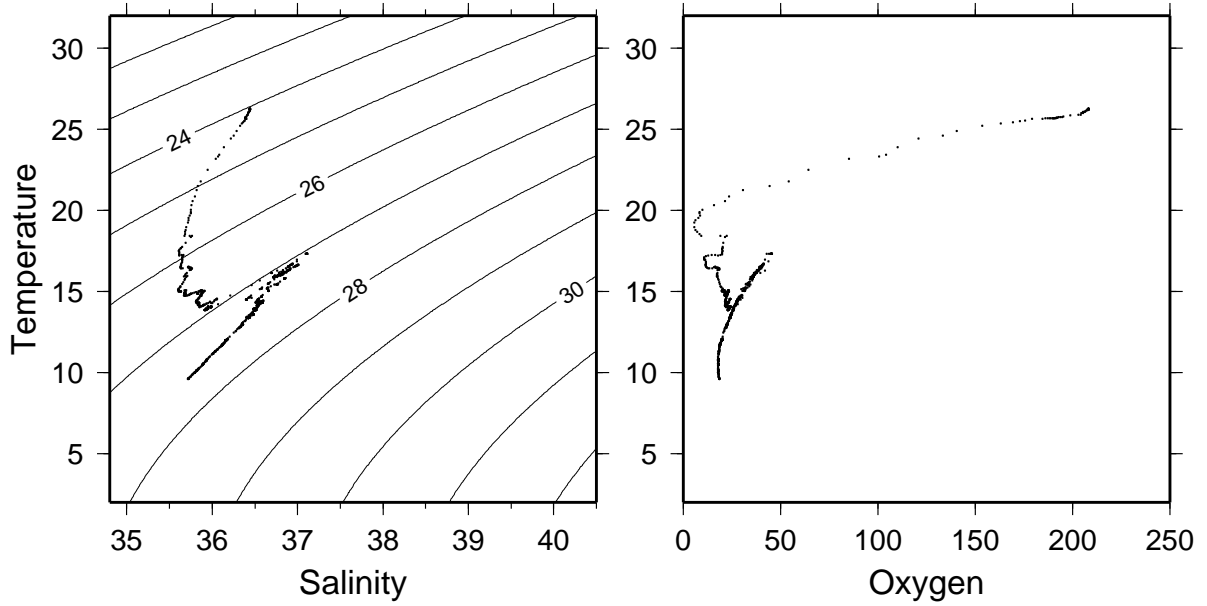
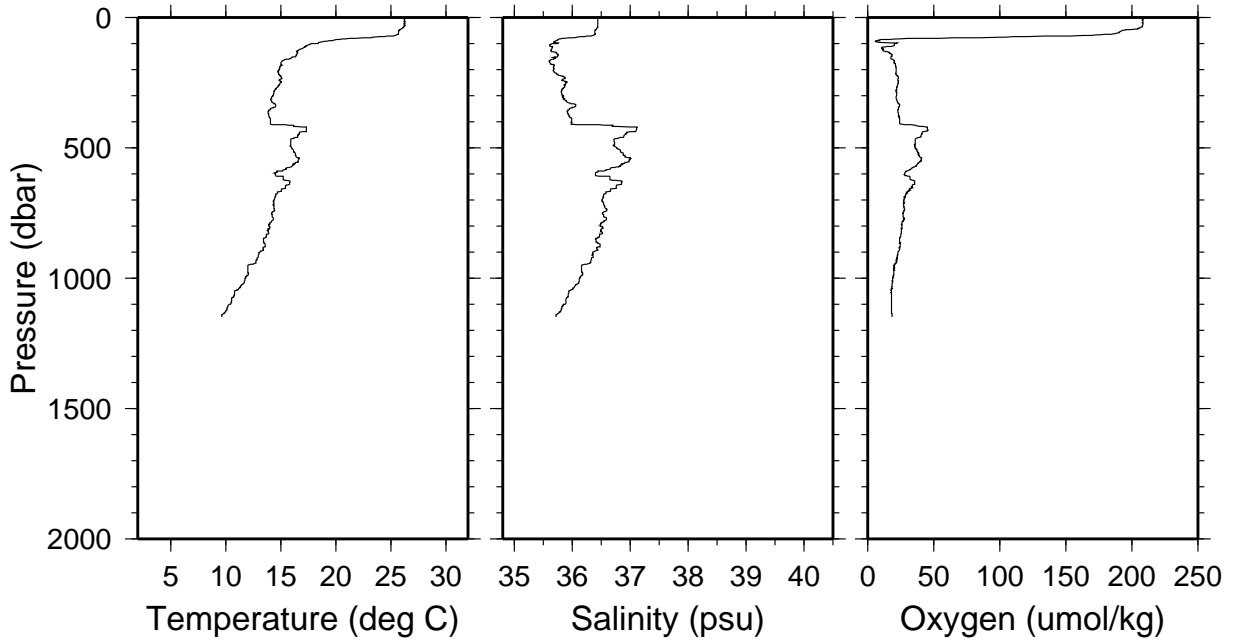
Redsox-1 **Station 140**
Latitude: 11° 38.48 N
Longitude: 044° 52.44 E
Date: 28-02-2001 1907 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.233	26.231	36.441	208.1	24.049
20	26.240	26.236	36.441	208.1	24.047
30	26.237	26.230	36.441	207.8	24.049
40	26.062	26.053	36.427	206.0	24.094
50	25.736	25.725	36.392	192.9	24.170
60	25.670	25.656	36.391	188.7	24.190
70	25.204	25.189	36.325	153.7	24.285
80	21.491	21.475	35.829	44.2	24.994
90	19.389	19.372	35.721	6.3	25.476
100	18.001	17.984	35.687	20.6	25.802
110	17.222	17.204	35.615	17.9	25.938
120	16.916	16.896	35.651	11.5	26.039
130	16.443	16.422	35.634	12.9	26.138
140	16.451	16.429	35.748	17.7	26.224
150	16.319	16.295	35.736	17.7	26.245
160	15.580	15.555	35.661	18.5	26.358
170	15.091	15.065	35.609	20.1	26.427
180	15.006	14.979	35.636	21.3	26.467
190	14.889	14.861	35.672	21.5	26.521
200	14.858	14.827	35.683	21.6	26.537
250	14.979	14.941	35.897	23.2	26.677
300	14.305	14.260	35.847	21.9	26.787
350	14.059	14.007	35.952	23.2	26.922
400	14.051	13.992	35.986	24.2	26.951
450	16.596	16.522	36.908	40.6	27.094
500	15.979	15.899	36.767	36.1	27.131
550	16.564	16.473	36.978	40.1	27.159
600	14.498	14.407	36.400	27.9	27.182
650	15.442	15.339	36.759	33.5	27.253
700	14.369	14.263	36.517	27.4	27.304
750	14.143	14.031	36.521	26.6	27.357
800	13.898	13.779	36.483	25.7	27.381
900	13.039	12.910	36.354	23.0	27.461
1000	11.772	11.637	36.130	19.0	27.537

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1149.0	1	9.610	9.472	35.713	19.2
650.4	2	15.339	15.236	36.749	32.5
555.2	3	16.301	16.210	36.900	37.6
490.5	4	15.880	15.801	36.722	34.5
200.7	5	14.865	14.835	35.676	21.8
100.1	6	17.790	17.773	35.653	19.4
51.1	7	25.729	25.718	36.477	191.4
1.6	8	26.202	26.202	36.438	206.0

Redsox-1 Station 140
Latitude: 11 38.48 N
Longitude: 044 52.44 E
Date: 28-02-2001
Time: 1907 GMT

Rsx1-140

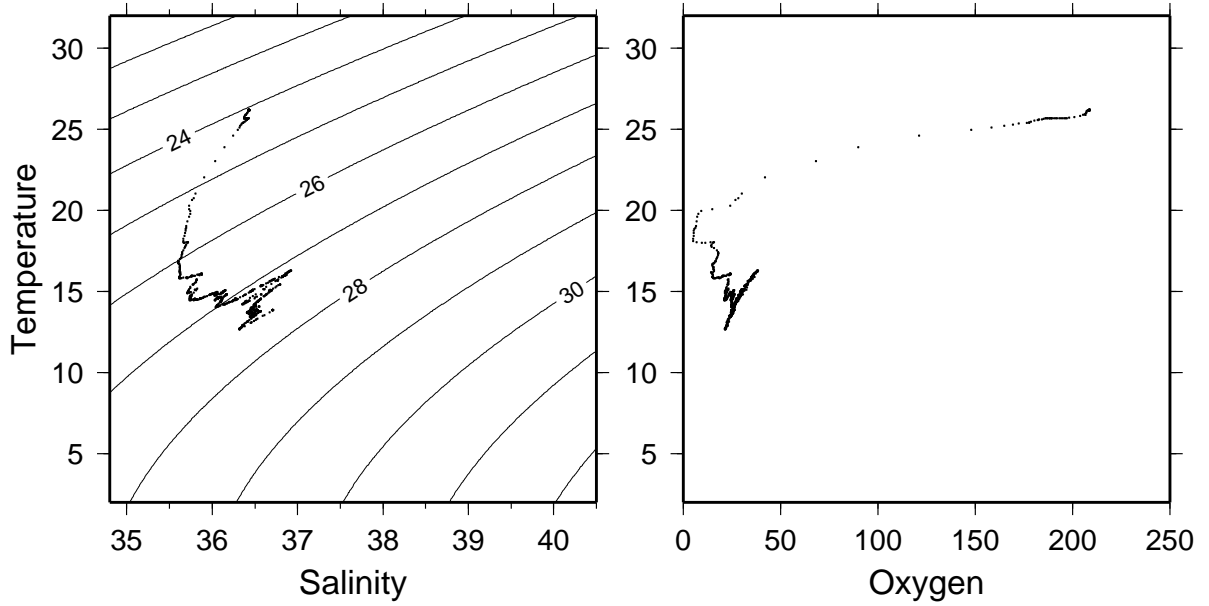
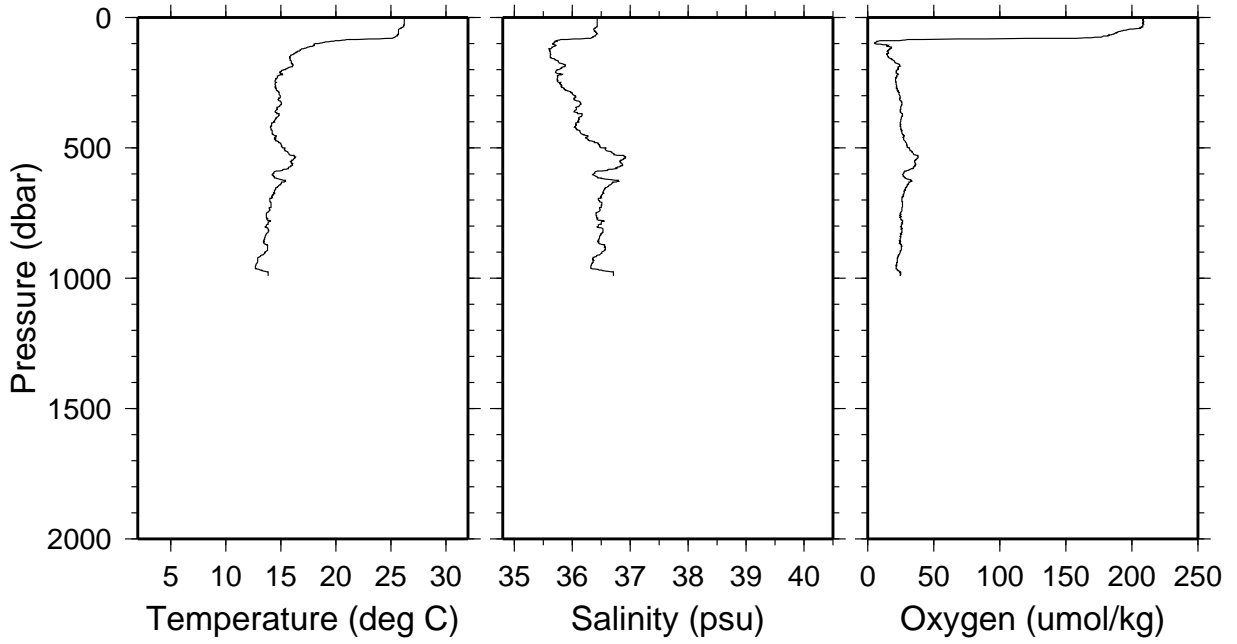


Redsox-1 **Station 141**
Latitude: 11° 43.69 N
Longitude: 044° 44.28 E
Date: 28-02-2001 2053 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.196	26.193	36.429	208.5	24.051
20	26.197	26.192	36.430	208.6	24.052
30	26.182	26.175	36.433	208.5	24.060
40	25.902	25.893	36.394	206.5	24.119
50	25.670	25.659	36.375	194.0	24.178
60	25.686	25.673	36.421	188.0	24.208
70	25.559	25.543	36.399	182.2	24.232
80	24.965	24.948	36.302	147.9	24.341
90	19.951	19.934	35.743	9.4	25.346
100	18.253	18.235	35.664	5.2	25.722
110	17.819	17.801	35.689	14.3	25.849
120	16.985	16.966	35.622	16.9	26.000
130	16.534	16.513	35.622	15.3	26.107
140	16.177	16.155	35.625	14.2	26.193
150	15.836	15.812	35.616	15.4	26.265
160	15.860	15.835	35.703	18.2	26.326
170	15.942	15.915	35.758	20.4	26.350
180	16.069	16.040	35.857	23.8	26.398
190	15.748	15.718	35.821	23.2	26.444
200	15.413	15.381	35.772	22.6	26.482
250	14.559	14.522	35.797	21.5	26.691
300	14.931	14.886	36.042	24.2	26.801
350	14.653	14.600	36.069	25.0	26.885
400	14.394	14.334	36.105	24.9	26.970
450	14.339	14.272	36.199	26.6	27.056
500	15.326	15.248	36.566	31.3	27.124
550	15.938	15.849	36.825	35.6	27.187
600	14.279	14.189	36.370	26.7	27.206
650	14.705	14.605	36.606	29.4	27.298
700	13.981	13.877	36.454	25.9	27.338
750	13.705	13.594	36.411	24.8	27.364
800	13.672	13.555	36.449	25.3	27.402
900	13.559	13.427	36.512	24.5	27.477

Redsox-1 Station 141
Latitude: 11 43.69 N
Longitude: 044 44.28 E
Date: 28-02-2001
Time: 2053 GMT

Rsx1-141



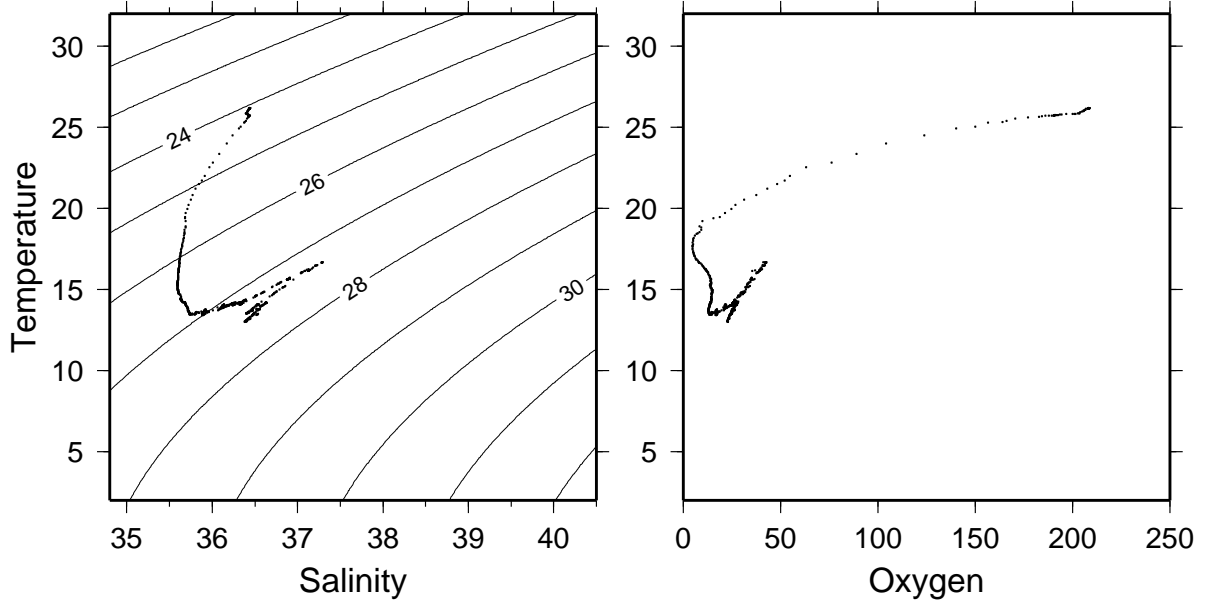
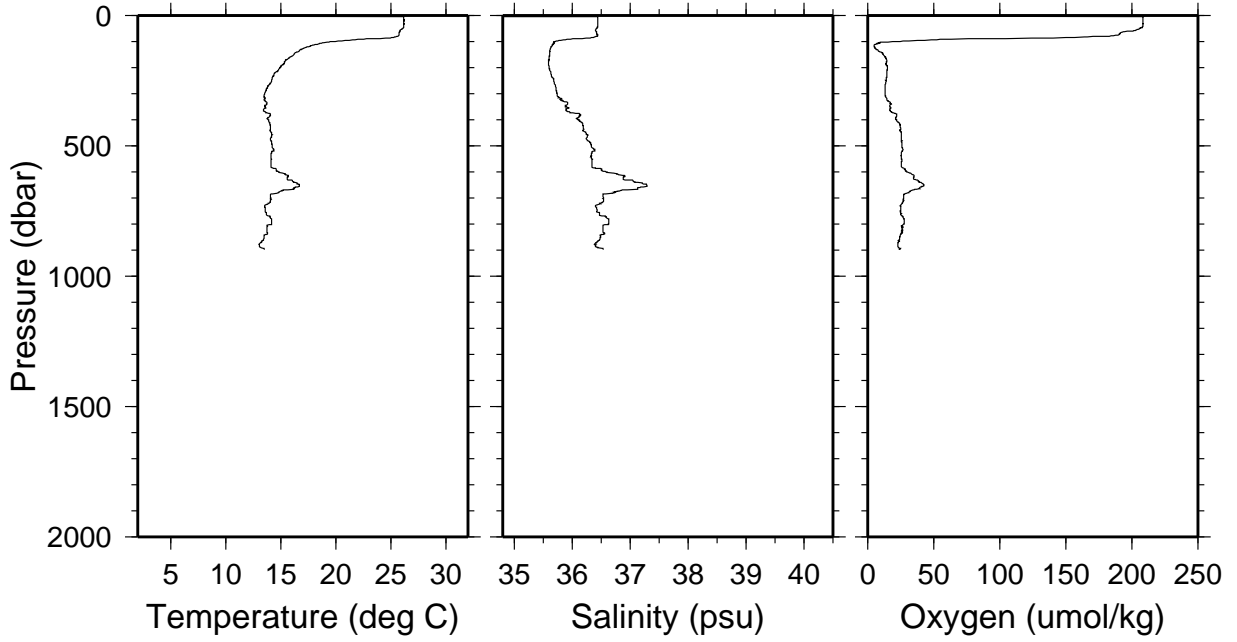
Redsox-1 **Station 142**
Latitude: 11° 35.74 N
Longitude: 044° 36.93 E
Date: 28-02-2001 2251 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.183	26.180	36.439	208.4	24.063
20	26.183	26.179	36.439	208.4	24.064
30	26.177	26.170	36.438	208.4	24.065
40	26.171	26.162	36.437	208.5	24.067
50	26.035	26.023	36.420	205.6	24.098
60	25.824	25.810	36.411	200.1	24.158
70	25.734	25.719	36.424	190.7	24.196
80	25.604	25.586	36.420	177.1	24.234
90	22.805	22.787	36.011	76.3	24.762
100	19.702	19.684	35.690	21.5	25.371
110	18.310	18.291	35.670	6.0	25.713
120	17.466	17.446	35.636	4.9	25.895
130	16.865	16.844	35.620	6.7	26.028
140	16.482	16.459	35.614	9.8	26.114
150	16.178	16.154	35.608	11.9	26.180
160	15.810	15.785	35.599	13.6	26.258
170	15.492	15.465	35.595	14.1	26.327
180	15.315	15.287	35.594	13.9	26.367
190	15.110	15.081	35.593	13.9	26.411
200	14.954	14.924	35.598	14.8	26.450
250	14.153	14.117	35.681	13.8	26.689
300	13.524	13.481	35.737	13.2	26.866
350	13.542	13.491	35.884	16.9	26.977
400	13.857	13.799	36.115	21.7	27.092
450	14.135	14.068	36.234	25.6	27.127
500	14.203	14.128	36.330	25.9	27.188
550	14.143	14.061	36.345	25.5	27.214
600	14.823	14.731	36.593	29.8	27.261
650	16.661	16.552	37.285	42.5	27.376
700	14.077	13.972	36.540	27.0	27.384
750	13.563	13.453	36.419	24.7	27.399
800	14.165	14.045	36.627	27.5	27.436

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
897.8	1	13.540	13.408	36.525	24.3
794.7	2	14.177	14.057	36.628	26.6
568.3	3	14.111	14.026	36.334	24.7
428.3	4	14.038	13.975	36.183	24.2
179.0	5	15.341	15.313	35.594	13.4
2.8	6	26.164	26.163	36.437	205.0

Redsox-1 Station 142
Latitude: 11 35.74 N
Longitude: 044 36.93 E
Date: 28-02-2001
Time: 2251 GMT

Rsx1-142

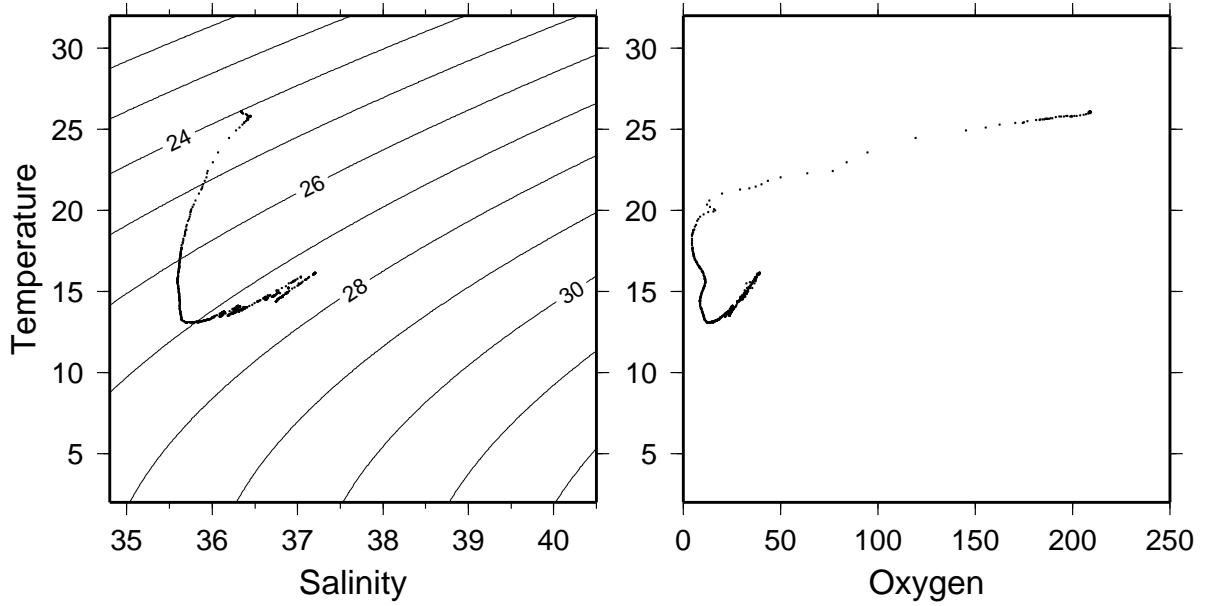
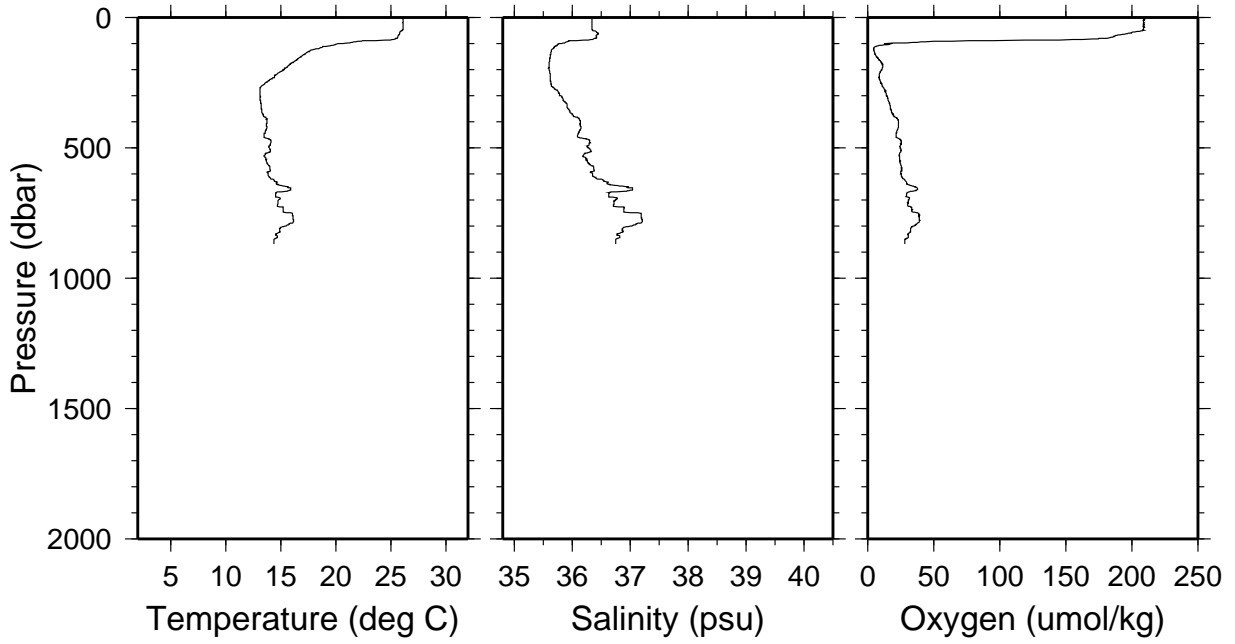


Redsox-1 **Station 143**
Latitude: 11° 27.47 N
Longitude: 044° 29.99 E
Date: 01-03-2001 0114 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.088	26.086	36.341	209.0	24.018
20	26.078	26.073	36.341	209.0	24.023
30	26.088	26.081	36.341	209.0	24.020
40	26.089	26.080	36.341	209.0	24.021
50	26.030	26.019	36.348	208.3	24.045
60	25.802	25.789	36.441	198.8	24.187
70	25.635	25.620	36.409	187.1	24.215
80	25.510	25.493	36.395	176.9	24.244
90	22.425	22.407	35.944	76.7	24.820
100	20.339	20.321	35.785	12.1	25.275
110	19.118	19.098	35.706	6.4	25.535
120	18.247	18.227	35.661	4.4	25.722
130	17.597	17.575	35.639	4.7	25.866
140	17.191	17.168	35.628	5.5	25.956
150	16.819	16.795	35.619	6.7	26.038
160	16.515	16.489	35.613	8.2	26.106
170	16.213	16.186	35.605	9.9	26.170
180	15.791	15.762	35.597	11.1	26.261
190	15.563	15.534	35.597	11.4	26.313
200	15.255	15.224	35.601	10.6	26.386
250	13.646	13.610	35.628	10.1	26.754
300	13.106	13.064	35.789	14.3	26.991
350	13.228	13.179	35.928	17.2	27.075
400	13.752	13.693	36.137	23.1	27.131
450	13.488	13.423	36.096	21.5	27.156
500	13.926	13.853	36.270	24.4	27.200
550	13.688	13.608	36.258	24.2	27.243
600	13.849	13.760	36.345	25.3	27.278
650	15.635	15.531	36.955	35.9	27.361
700	14.799	14.691	36.743	30.8	27.385
750	16.031	15.908	37.180	38.1	27.447
800	15.409	15.282	37.014	34.8	27.463

Redsox-1 Station 143
Latitude: 11 27.47 N
Longitude: 044 29.99 E
Date: 01-03-2001
Time: 0114 GMT

Rsx1-143



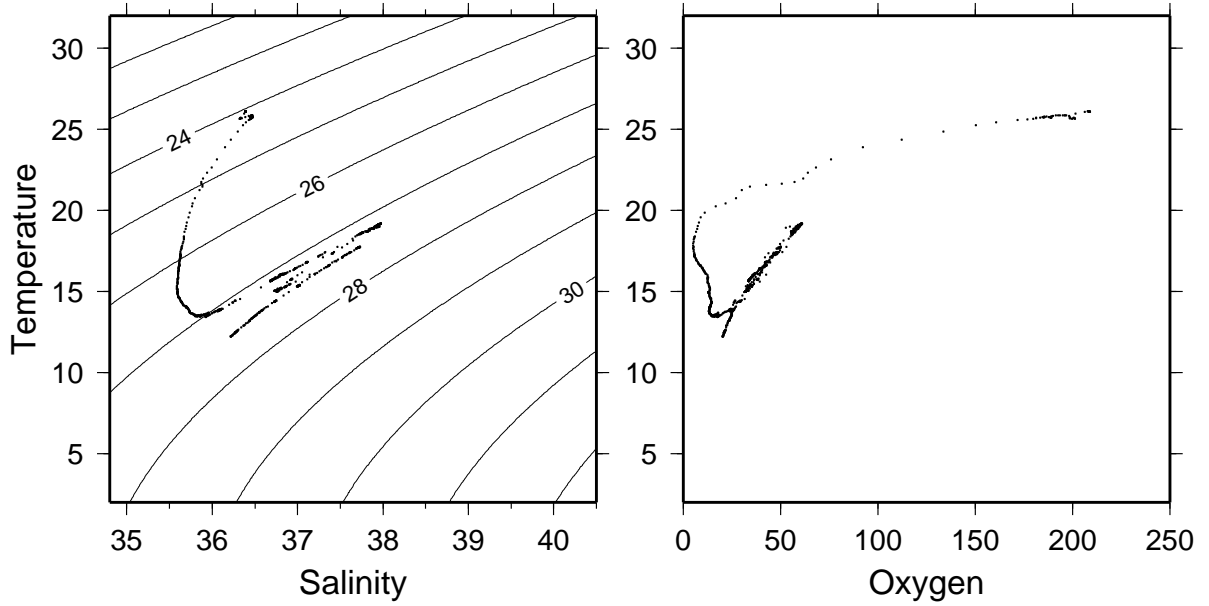
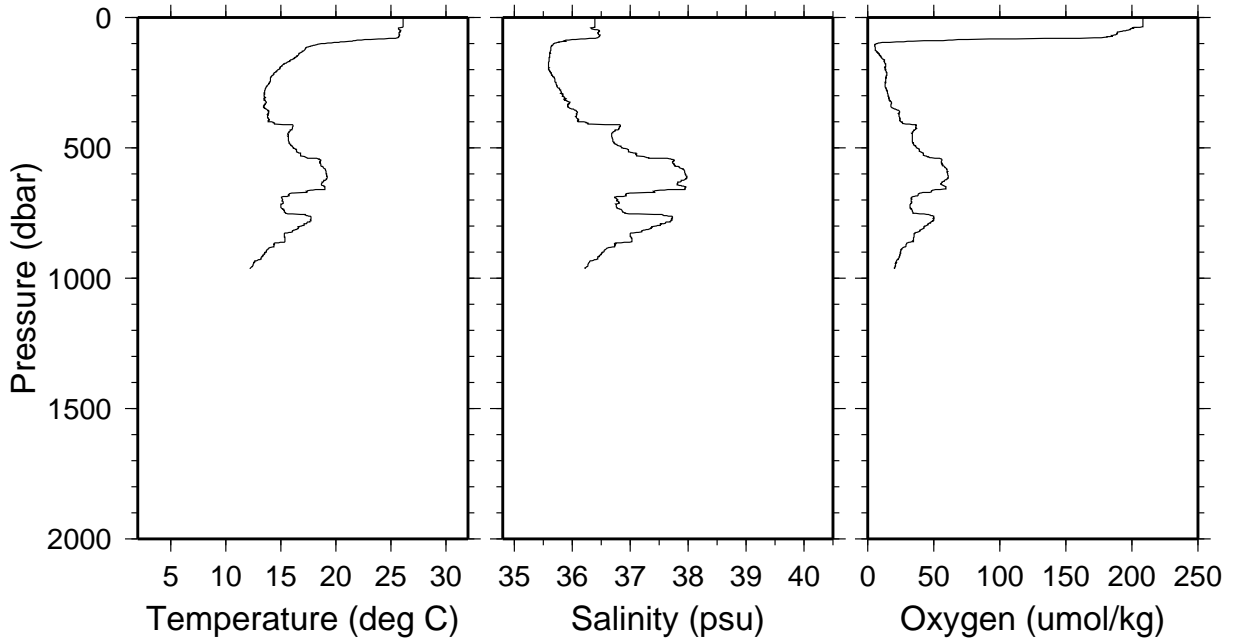
Redsox-1 **Station 144**
 Latitude: 11° 22.00 N
 Longitude: 044° 37.01 E
 Date: 01-03-2001 0254 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.095	26.093	36.389	208.5	24.053
20	26.095	26.091	36.390	208.3	24.054
30	26.099	26.093	36.390	208.3	24.053
40	25.666	25.657	36.324	201.3	24.140
50	25.873	25.862	36.464	195.9	24.181
60	25.736	25.723	36.448	188.4	24.212
70	25.750	25.735	36.472	185.0	24.228
80	25.233	25.215	36.364	150.2	24.306
90	21.574	21.557	35.883	42.4	25.013
100	18.872	18.854	35.687	7.0	25.584
110	17.673	17.654	35.643	5.1	25.849
120	17.216	17.196	35.629	5.7	25.950
130	16.951	16.929	35.623	6.7	26.010
140	16.611	16.588	35.613	8.6	26.083
150	16.418	16.394	35.608	9.9	26.125
160	16.092	16.067	35.602	11.6	26.195
170	15.682	15.655	35.596	12.5	26.285
180	15.224	15.197	35.589	13.6	26.383
190	14.958	14.929	35.594	13.0	26.446
200	14.753	14.723	35.598	13.4	26.494
250	13.951	13.914	35.717	13.4	26.759
300	13.497	13.454	35.837	15.4	26.949
350	13.626	13.576	35.995	20.2	27.045
400	13.934	13.875	36.126	25.5	27.084
450	15.660	15.589	36.683	33.6	27.138
500	16.121	16.040	36.860	37.0	27.170
550	18.599	18.500	37.749	55.9	27.253
600	19.126	19.015	37.948	60.5	27.272
650	19.003	18.884	37.953	59.3	27.310
700	15.144	15.034	36.777	33.0	27.335
750	15.438	15.319	36.906	34.4	27.371
800	16.872	16.736	37.450	43.3	27.460
900	13.627	13.494	36.534	24.7	27.480

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
964.3	1	12.231	12.098	36.219	20.2
853.3	2	15.369	15.233	37.016	32.8
728.4	3	15.008	14.894	36.761	30.9
618.0	4	19.179	19.065	37.970	58.3
428.9	5	16.101	16.031	36.813	36.7
239.0	6	14.048	14.013	35.694	13.0
74.1	7	25.712	25.696	36.454	189.6

Redsox-1 Station 144
Latitude: 11 22.00 N
Longitude: 044 37.01 E
Date: 01-03-2001
Time: 0254 GMT

Rsx1-144

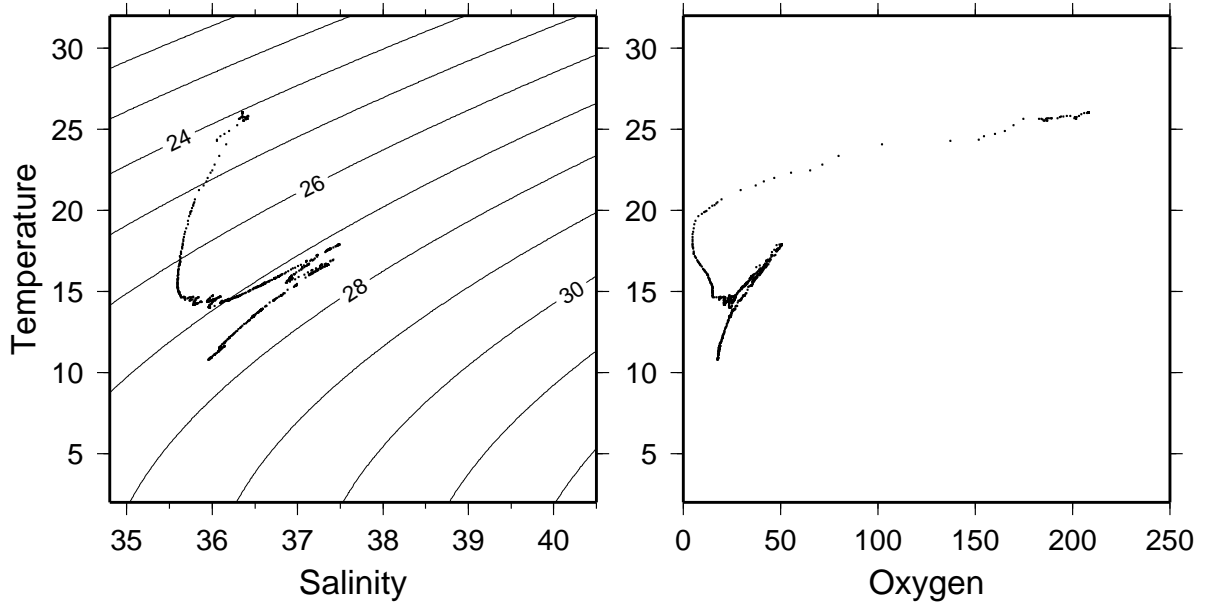
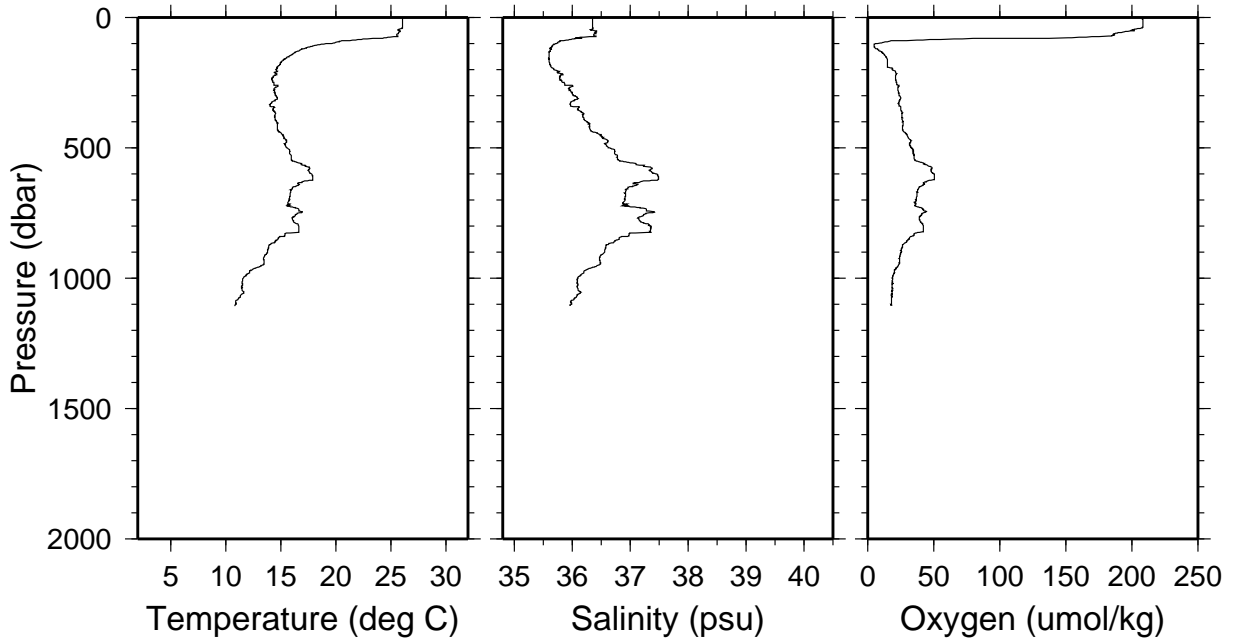


Redsox-1 **Station 145**
Latitude: 11° 16.99 N
Longitude: 044° 44.22 E
Date: 01-03-2001 0453 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.043	26.041	36.353	208.2	24.042
20	26.048	26.043	36.353	208.3	24.041
30	26.048	26.041	36.353	208.2	24.042
40	26.029	26.020	36.354	207.8	24.049
50	25.744	25.733	36.371	201.0	24.151
60	25.672	25.658	36.404	189.0	24.200
70	25.593	25.578	36.394	184.5	24.218
80	24.064	24.047	36.167	102.0	24.511
90	20.505	20.488	35.791	17.5	25.235
100	19.353	19.335	35.719	6.1	25.485
110	17.856	17.838	35.653	4.8	25.813
120	17.075	17.055	35.625	6.6	25.981
130	16.535	16.513	35.609	9.5	26.097
140	16.046	16.024	35.603	12.3	26.206
150	15.713	15.689	35.596	13.5	26.277
160	15.300	15.275	35.595	14.9	26.369
170	15.045	15.019	35.603	15.0	26.433
180	14.898	14.871	35.613	15.1	26.473
190	14.664	14.635	35.636	15.1	26.542
200	14.517	14.488	35.681	18.3	26.609
250	14.346	14.309	35.857	21.8	26.784
300	14.528	14.483	36.026	24.0	26.877
350	14.301	14.249	36.100	25.0	26.985
400	14.623	14.562	36.257	26.4	27.038
450	15.232	15.162	36.501	29.9	27.094
500	15.558	15.479	36.642	33.1	27.131
550	16.059	15.970	36.821	36.7	27.156
600	17.780	17.676	37.445	50.1	27.227
650	16.173	16.066	36.986	39.2	27.260
700	15.754	15.641	36.906	36.7	27.298
750	16.479	16.354	37.269	41.7	27.411
800	16.649	16.514	37.358	42.1	27.442
900	13.811	13.677	36.561	25.1	27.463
1000	11.573	11.439	36.091	18.6	27.544

Redsox-1 Station 145
Latitude: 11 16.99 N
Longitude: 044 44.22 E
Date: 01-03-2001
Time: 0453 GMT

Rsx1-145



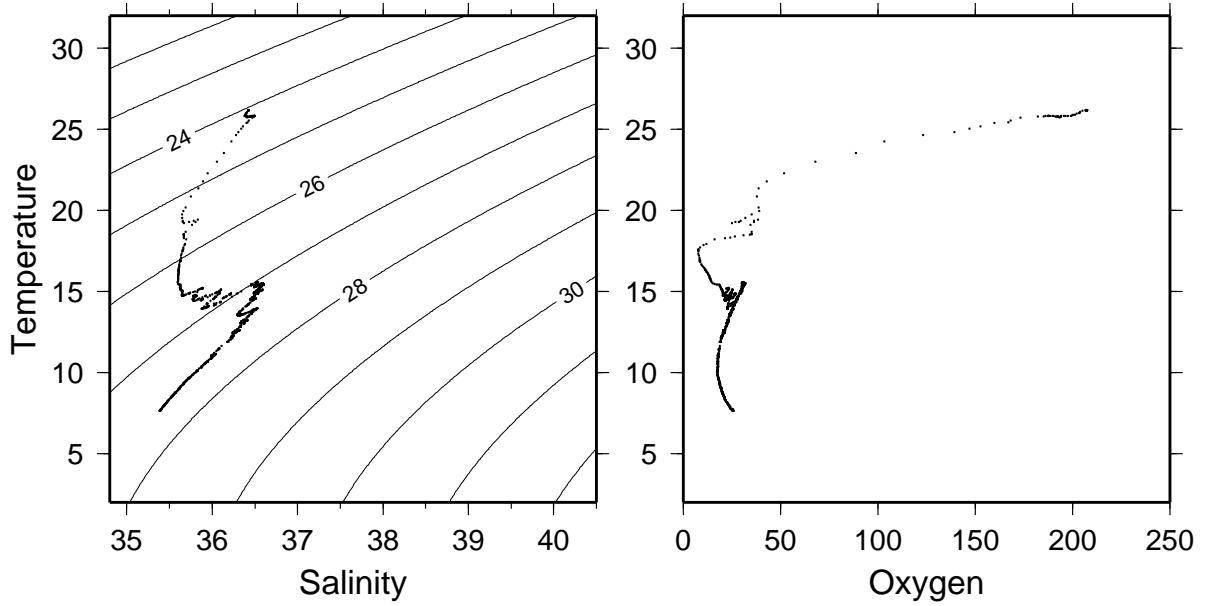
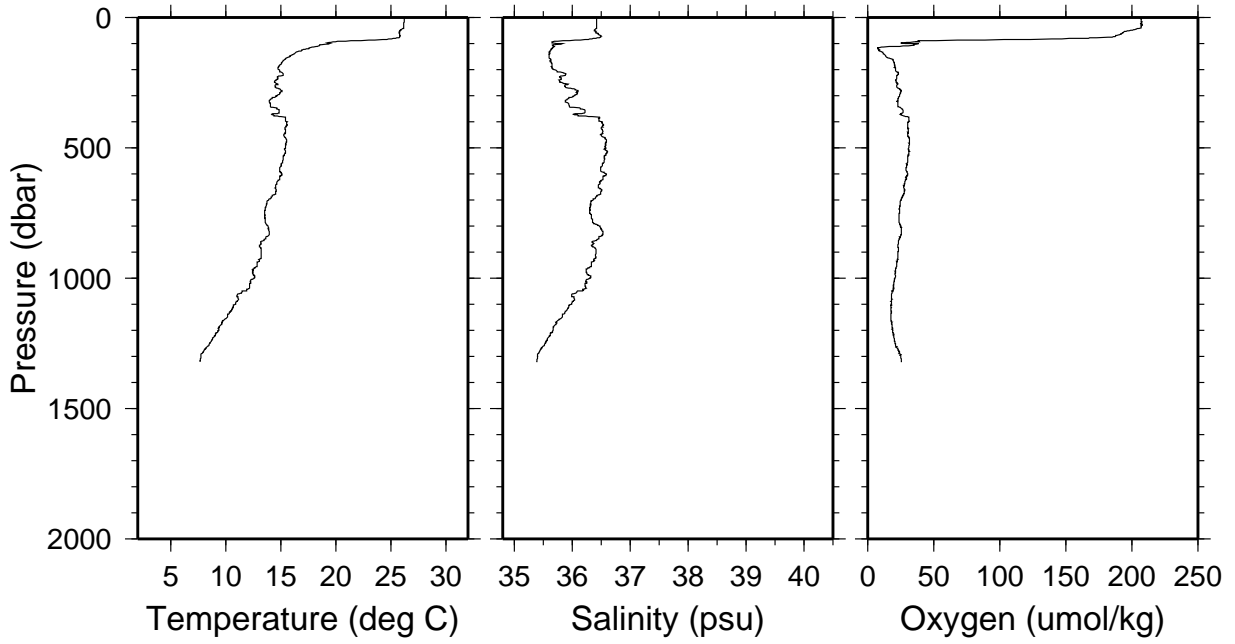
Redsox-1 **Station 146**
Latitude: 11° 11.47 N
Longitude: 044° 50.96 E
Date: 01-03-2001 0641 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.190	26.188	36.421	206.9	24.047
20	26.183	26.179	36.421	207.3	24.050
30	26.179	26.172	36.421	207.2	24.052
40	26.162	26.153	36.421	207.0	24.058
50	25.834	25.823	36.383	199.0	24.133
60	25.768	25.755	36.428	192.7	24.188
70	25.826	25.810	36.495	187.8	24.221
80	25.398	25.380	36.400	159.9	24.283
90	21.359	21.341	35.835	38.6	25.036
100	19.364	19.346	35.785	36.3	25.532
110	18.320	18.301	35.667	24.2	25.708
120	17.452	17.431	35.648	7.7	25.908
130	16.611	16.590	35.613	9.6	26.083
140	16.168	16.146	35.606	12.2	26.181
150	15.790	15.766	35.600	13.9	26.263
160	15.395	15.370	35.629	18.6	26.375
170	15.132	15.106	35.627	19.6	26.432
180	15.008	14.981	35.654	20.1	26.480
190	14.766	14.738	35.646	20.3	26.528
200	14.801	14.771	35.683	21.2	26.549
250	14.472	14.435	35.817	21.8	26.726
300	14.625	14.580	36.032	24.1	26.860
350	14.616	14.563	36.136	25.7	26.944
400	15.589	15.525	36.520	31.1	27.026
450	15.285	15.215	36.500	30.2	27.081
500	15.424	15.345	36.574	31.1	27.109
550	15.175	15.089	36.546	30.3	27.145
600	15.082	14.989	36.582	30.2	27.195
650	14.503	14.404	36.451	27.4	27.222
700	13.917	13.813	36.361	25.2	27.279
750	13.523	13.414	36.301	24.0	27.316
800	13.837	13.718	36.473	25.1	27.386
900	13.226	13.096	36.407	23.0	27.464
1000	12.566	12.426	36.306	20.5	27.520
1250	8.541	8.401	35.530	20.7	27.628

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1320.7	1	7.619	7.479	35.382	25.8
740.5	2	13.522	13.414	36.299	23.3
180.1	3	15.004	14.977	35.658	19.7

Redsox-1 Station 146
Latitude: 11 11.47 N
Longitude: 044 50.96 E
Date: 01-03-2001
Time: 0641 GMT

Rsx1-146

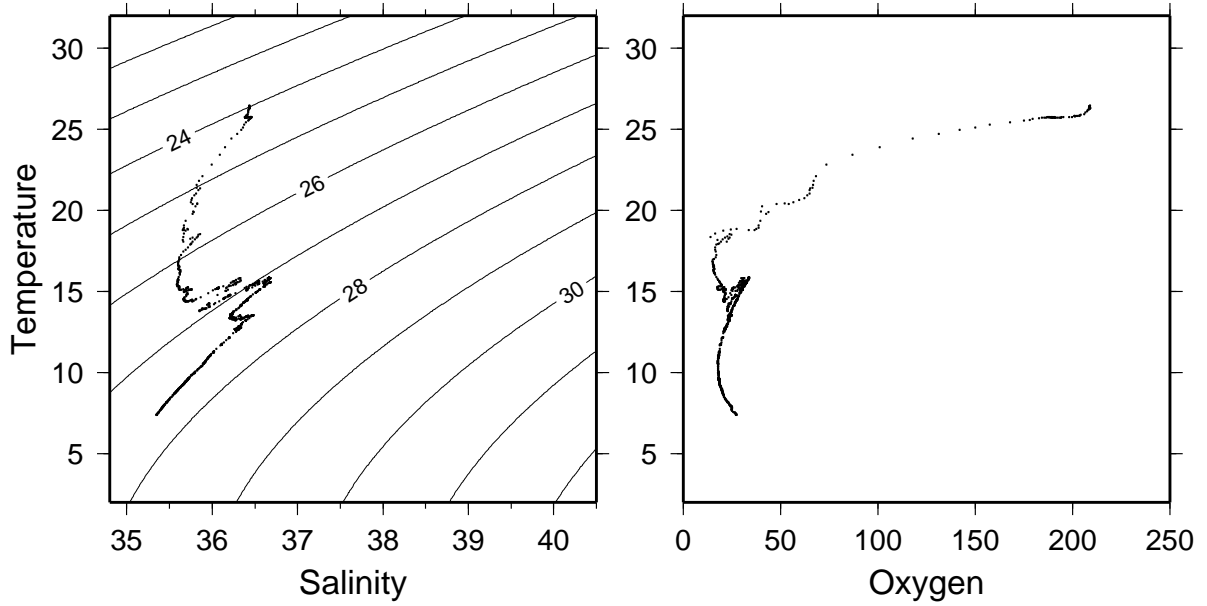
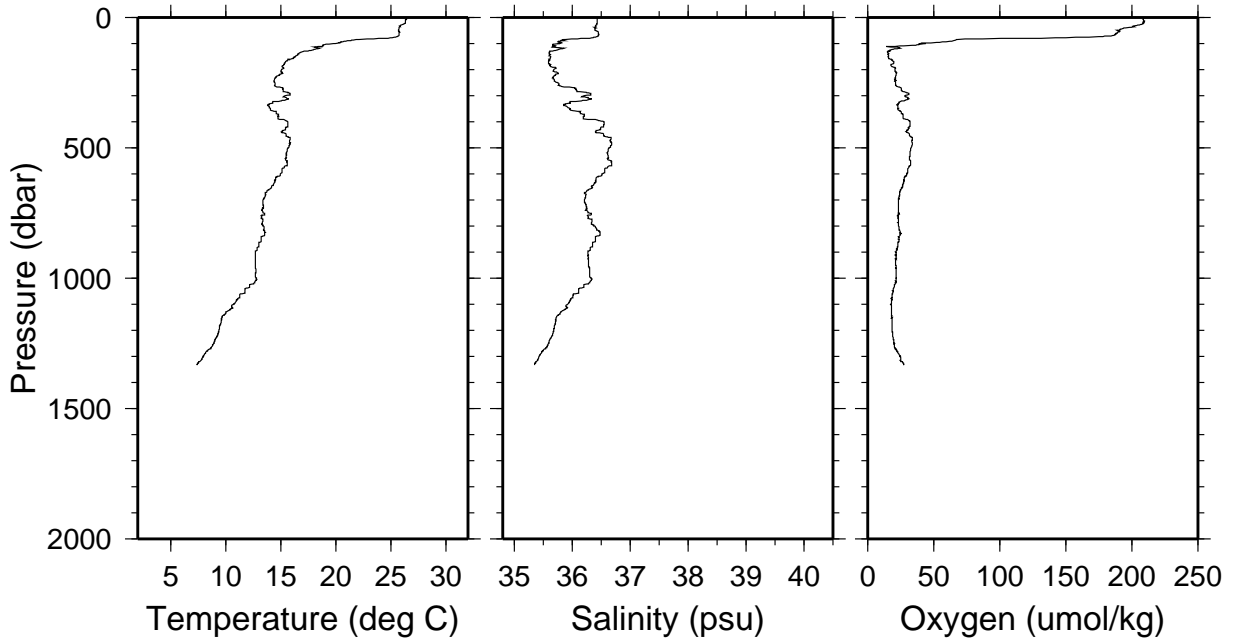


Redsox-1 **Station 147**
Latitude: 10° 59.21 N
Longitude: 044° 45.73 E
Date: 01-03-2001 0904 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.331	26.329	36.432	208.7	24.011
20	26.303	26.299	36.433	209.0	24.021
30	25.852	25.845	36.401	203.7	24.140
40	25.739	25.730	36.395	194.2	24.171
50	25.704	25.693	36.404	188.8	24.189
60	25.760	25.747	36.454	188.4	24.210
70	25.706	25.690	36.453	184.2	24.227
80	24.411	24.394	36.227	117.8	24.453
90	21.053	21.036	35.814	65.0	25.104
100	19.907	19.888	35.787	43.8	25.392
110	18.734	18.714	35.692	20.7	25.623
120	18.324	18.303	35.820	21.5	25.825
130	17.123	17.101	35.614	16.8	25.961
140	16.568	16.545	35.604	15.6	26.086
150	16.309	16.285	35.627	15.4	26.164
160	15.783	15.757	35.599	17.7	26.264
170	15.419	15.392	35.586	19.6	26.336
180	15.273	15.245	35.611	17.7	26.389
190	15.135	15.106	35.659	19.6	26.457
200	15.069	15.039	35.681	20.6	26.489
250	14.429	14.392	35.735	21.0	26.672
300	15.353	15.307	36.198	28.4	26.828
350	14.071	14.020	35.965	23.0	26.929
400	15.632	15.568	36.545	32.1	27.036
450	15.488	15.417	36.544	31.5	27.070
500	15.653	15.573	36.637	32.7	27.106
550	15.573	15.485	36.678	32.5	27.157
600	14.948	14.855	36.514	29.6	27.172
650	14.168	14.071	36.343	26.2	27.210
700	13.375	13.274	36.209	23.2	27.274
750	13.465	13.356	36.309	23.5	27.334
800	13.398	13.282	36.379	23.4	27.404
900	12.665	12.538	36.267	21.5	27.468
1000	12.747	12.605	36.326	21.8	27.500
1250	8.909	8.765	35.593	19.8	27.620

Redsox-1 Station 147
Latitude: 10 59.21 N
Longitude: 044 45.73 E
Date: 01-03-2001
Time: 0904 GMT

Rsx1-147



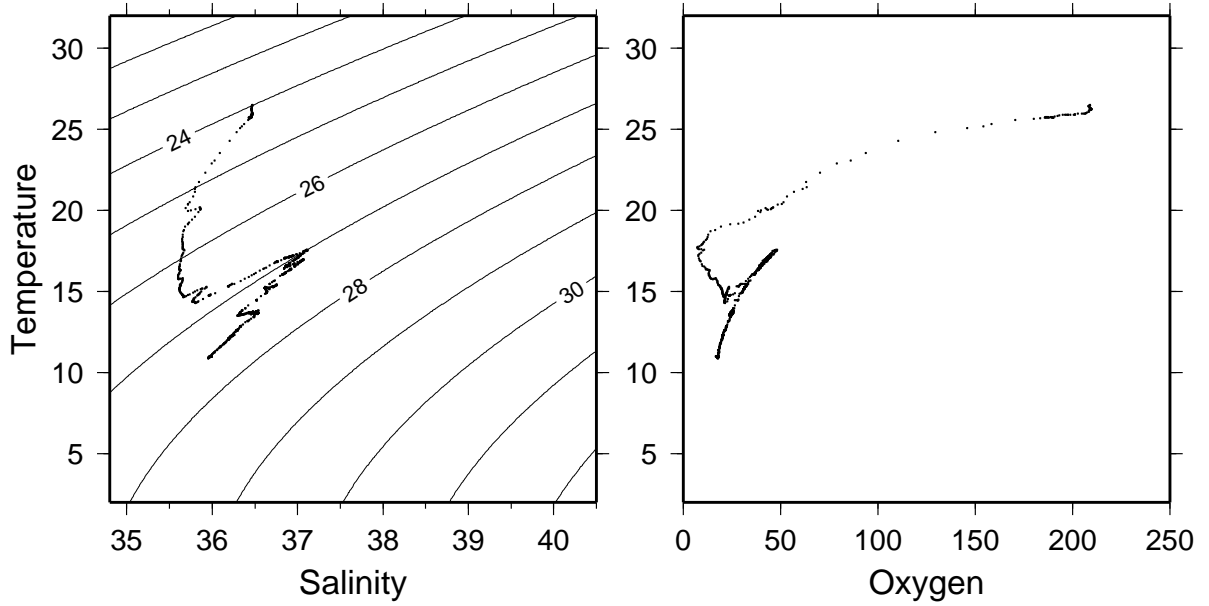
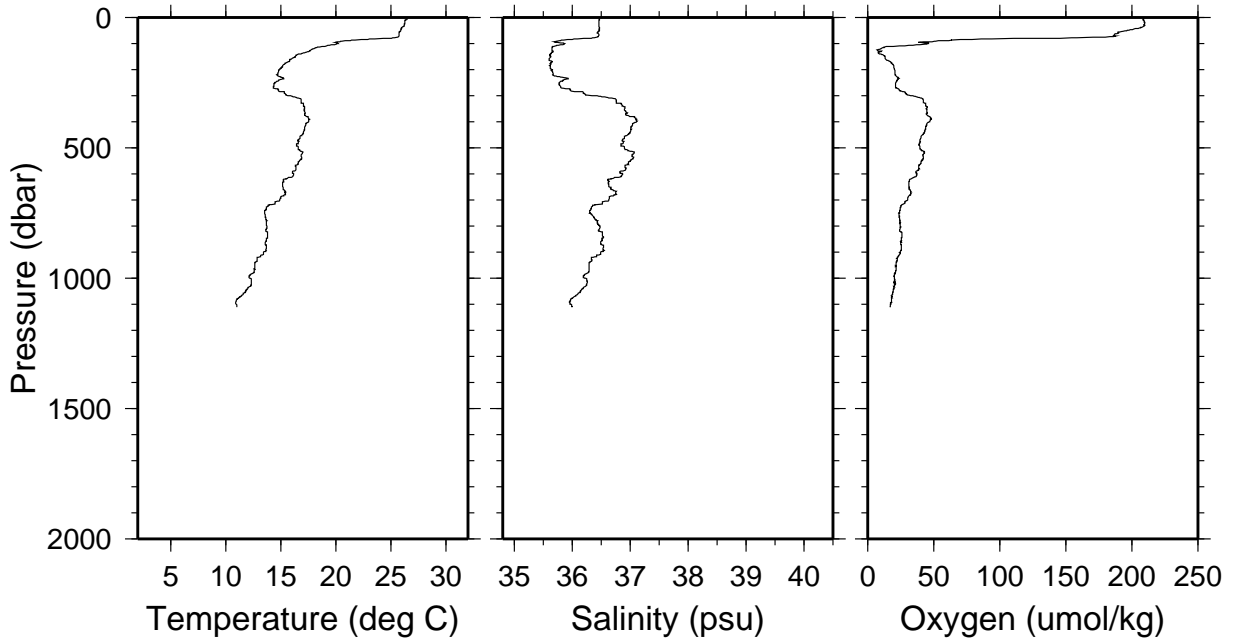
Redsox-1 **Station 148**
Latitude: 11° 1.60 N
Longitude: 044° 37.11 E
Date: 01-03-2001 1058 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.322	26.319	36.461	208.6	24.036
20	26.243	26.238	36.460	209.4	24.061
30	26.226	26.219	36.461	209.3	24.067
40	25.961	25.952	36.463	206.2	24.153
50	25.893	25.882	36.470	196.6	24.180
60	25.724	25.711	36.437	190.0	24.209
70	25.726	25.711	36.452	186.2	24.220
80	24.831	24.814	36.289	129.4	24.372
90	20.854	20.837	35.777	53.3	25.130
100	20.128	20.110	35.861	45.4	25.389
110	18.991	18.972	35.683	19.3	25.551
120	17.937	17.916	35.653	10.0	25.793
130	17.589	17.567	35.672	10.6	25.893
140	16.664	16.641	35.620	9.7	26.076
150	16.317	16.293	35.626	13.3	26.162
160	15.901	15.875	35.601	13.6	26.238
170	15.691	15.665	35.654	17.2	26.327
180	15.275	15.247	35.623	19.1	26.398
190	15.086	15.057	35.619	19.8	26.437
200	14.843	14.813	35.643	20.4	26.509
250	14.484	14.447	35.781	21.3	26.695
300	15.778	15.731	36.378	33.3	26.870
350	17.137	17.078	36.903	44.6	26.957
400	17.516	17.448	37.110	46.8	27.026
450	16.927	16.851	36.958	41.6	27.053
500	16.570	16.487	36.902	39.6	27.098
550	16.684	16.593	37.000	41.0	27.148
600	16.165	16.067	36.865	37.3	27.168
650	15.164	15.062	36.632	31.2	27.217
700	14.913	14.804	36.632	30.2	27.275
750	13.509	13.400	36.305	24.0	27.322
800	13.738	13.620	36.475	24.7	27.409
900	13.442	13.311	36.489	24.5	27.483
1000	12.204	12.066	36.220	20.0	27.524

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1112.1	1	11.004	10.860	35.996	18.1
848.1	2	13.677	13.552	36.507	25.7
647.6	3	15.213	15.111	36.661	30.3
396.4	4	17.510	17.442	37.106	45.9
200.2	5	14.829	14.799	35.647	20.4
99.9	6	20.104	20.085	35.849	42.2
47.7	7	25.897	25.886	36.465	201.2
2.6	8	26.472	26.471	36.472	209.0

Redsox-1 Station 148
Latitude: 11 01.60 N
Longitude: 044 37.11 E
Date: 01-03-2001
Time: 1058 GMT

Rsx1-148

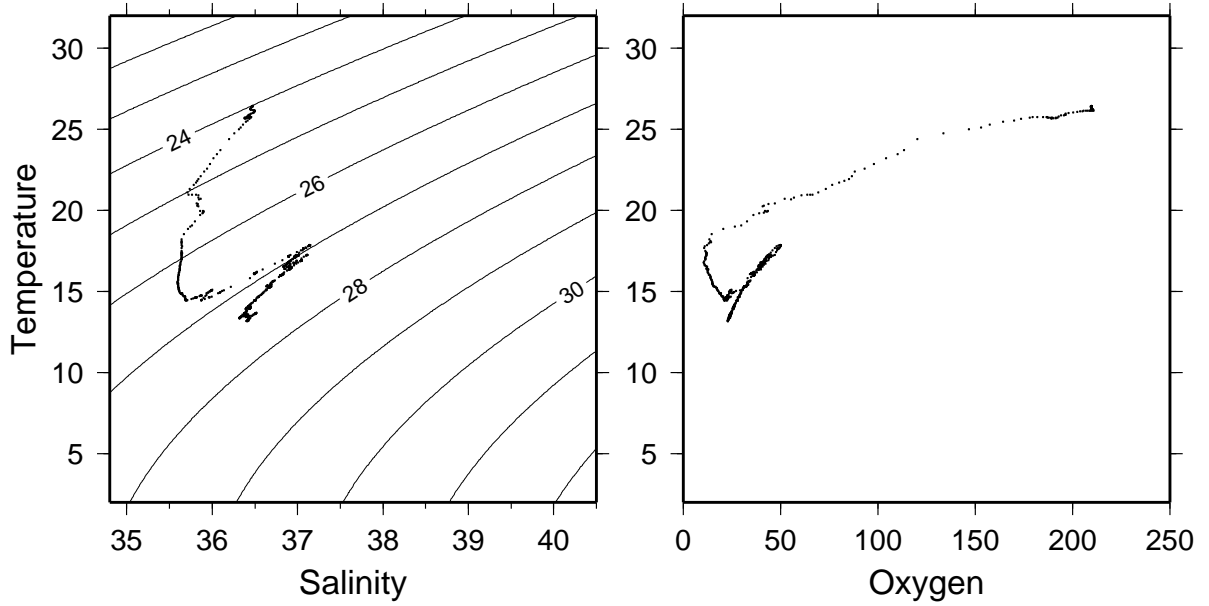
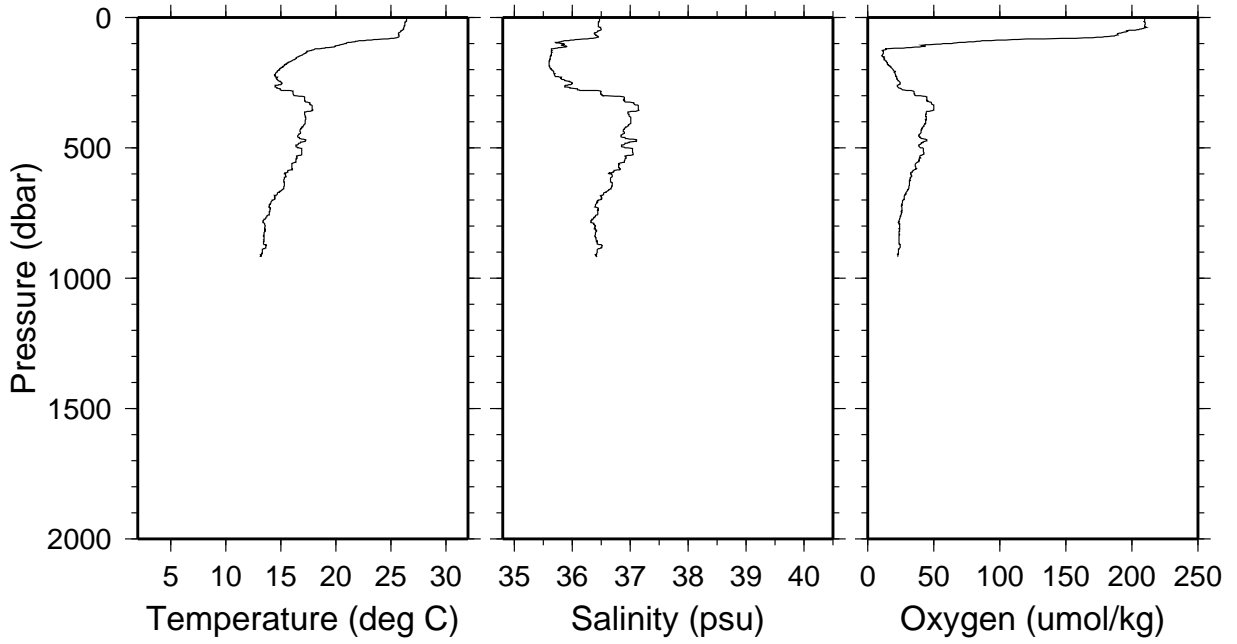


Redsox-1 **Station 149**
Latitude: 11° 4.01 N
Longitude: 044° 28.21 E
Date: 01-03-2001 1252 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.415	26.413	36.468	209.7	24.012
20	26.256	26.252	36.450	210.0	24.049
30	26.243	26.236	36.452	209.8	24.055
40	26.149	26.140	36.489	209.6	24.113
50	26.000	25.989	36.475	197.9	24.150
60	25.694	25.681	36.383	191.5	24.177
70	25.736	25.720	36.427	187.0	24.198
80	25.117	25.100	36.335	152.9	24.320
90	22.117	22.099	35.864	86.5	24.847
100	20.939	20.920	35.835	60.6	25.152
110	19.933	19.913	35.896	43.3	25.468
120	18.229	18.208	35.645	13.3	25.714
130	17.378	17.357	35.645	11.9	25.924
140	17.061	17.038	35.644	11.4	25.999
150	16.577	16.553	35.621	11.7	26.097
160	16.323	16.298	35.620	12.4	26.156
170	15.826	15.799	35.602	14.0	26.257
180	15.453	15.425	35.597	15.1	26.338
190	15.140	15.111	35.609	17.4	26.417
200	14.886	14.856	35.646	19.4	26.502
250	15.073	15.034	35.993	24.5	26.730
300	16.196	16.147	36.525	37.9	26.887
350	17.840	17.780	37.139	50.0	26.966
400	17.233	17.165	37.011	44.0	27.019
450	16.610	16.536	36.857	38.9	27.052
500	16.545	16.462	36.911	40.9	27.110
550	16.358	16.268	36.903	38.8	27.150
600	15.397	15.302	36.673	32.7	27.195
650	15.276	15.173	36.678	31.3	27.228
700	14.278	14.172	36.464	26.9	27.282
750	13.969	13.858	36.441	25.7	27.332
800	13.581	13.464	36.399	24.2	27.382
900	13.310	13.179	36.429	23.2	27.464

Redsox-1 Station 149
Latitude: 11 04.01 N
Longitude: 044 28.21 E
Date: 01-03-2001
Time: 1252 GMT

Rsx1-149



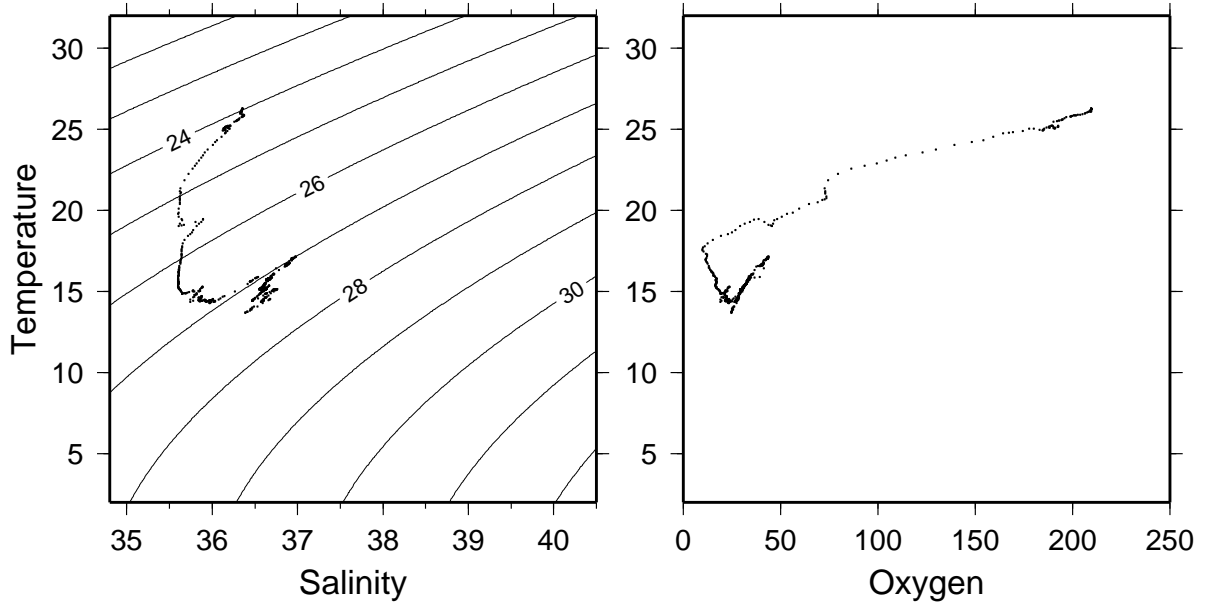
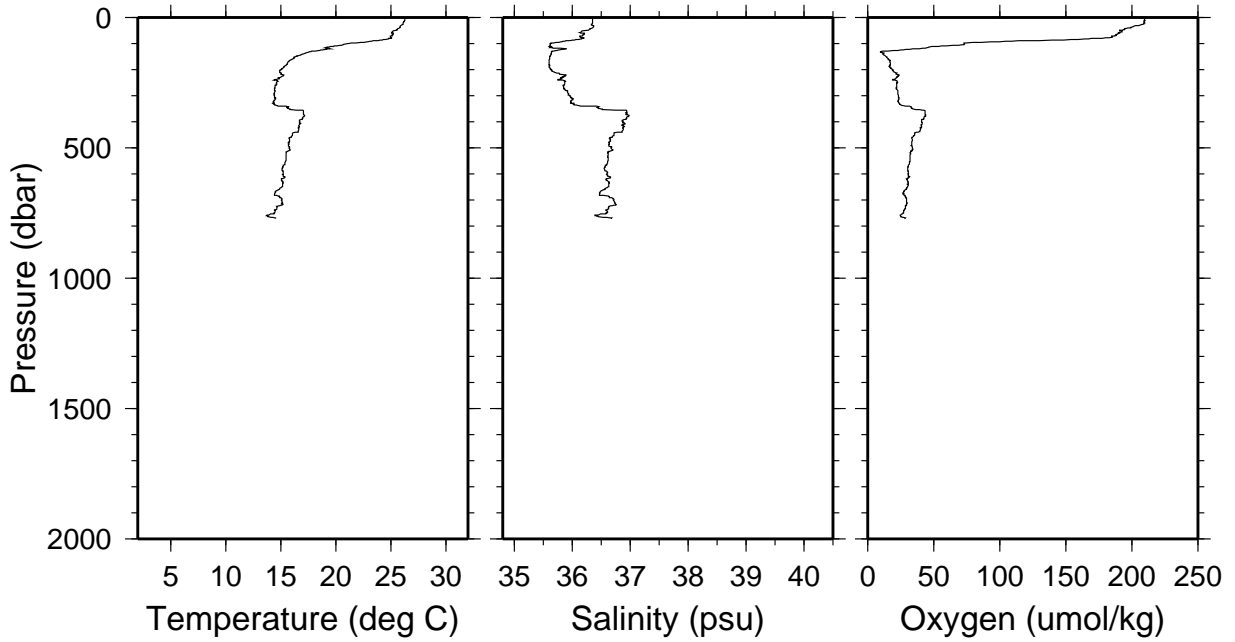
Redsox-1 **Station 150**
Latitude: 11° 6.12 N
Longitude: 044° 19.84 E
Date: 01-03-2001 1437 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.249	26.246	36.352	209.6	23.976
20	26.124	26.119	36.348	209.3	24.014
30	25.920	25.913	36.346	205.1	24.076
40	25.770	25.761	36.349	198.9	24.126
50	25.453	25.442	36.257	190.3	24.156
60	25.167	25.154	36.192	189.9	24.195
70	25.099	25.084	36.175	186.7	24.204
80	24.909	24.892	36.176	174.4	24.263
90	23.394	23.376	35.891	114.3	24.500
100	21.111	21.092	35.635	72.8	24.952
110	19.796	19.775	35.603	53.3	25.281
120	19.424	19.402	35.895	36.4	25.602
130	17.779	17.757	35.651	10.9	25.831
140	17.010	16.987	35.636	11.5	26.006
150	16.327	16.302	35.612	14.0	26.149
160	16.002	15.977	35.605	15.5	26.219
170	15.665	15.638	35.601	16.8	26.293
180	15.523	15.495	35.605	17.0	26.328
190	15.275	15.245	35.603	16.9	26.383
200	15.042	15.011	35.632	18.7	26.457
250	14.609	14.571	35.865	22.1	26.733
300	14.443	14.399	35.964	23.1	26.847
350	15.806	15.750	36.504	34.2	26.962
400	16.726	16.659	36.881	40.9	27.041
450	16.069	15.996	36.721	35.6	27.073
500	15.761	15.681	36.666	33.7	27.104
550	15.432	15.345	36.615	32.0	27.140
600	15.206	15.112	36.599	30.4	27.180
650	15.100	14.998	36.618	30.2	27.221
700	15.104	14.994	36.718	29.3	27.299
750	14.383	14.269	36.583	26.7	27.353

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
771.2	1	14.583	14.465	36.687	30.3
649.5	2	15.153	15.051	36.629	30.5
400.3	3	16.661	16.595	36.859	40.2
350.0	4	16.051	15.995	36.565	35.8
200.8	5	15.055	15.024	35.634	19.1
100.5	6	20.991	20.972	35.654	73.7
50.7	7	25.488	25.477	36.293	188.6
3.4	8	26.227	26.226	36.335	208.5

Redsox-1 Station 150
Latitude: 11 06.12 N
Longitude: 044 19.84 E
Date: 01-03-2001
Time: 1437 GMT

Rsx1-150

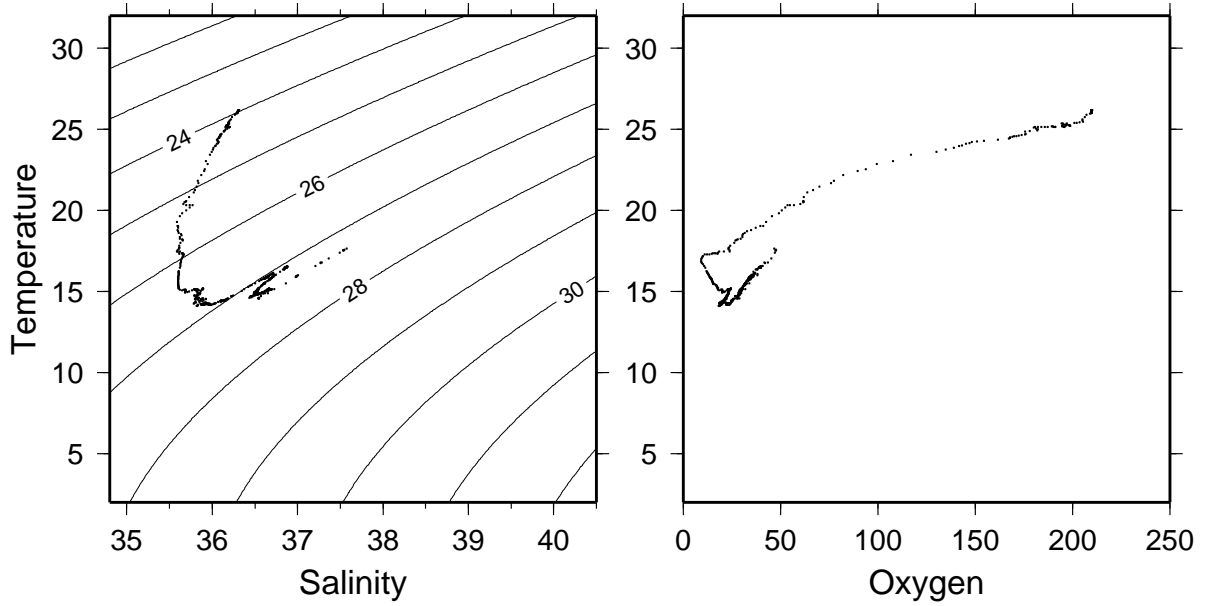
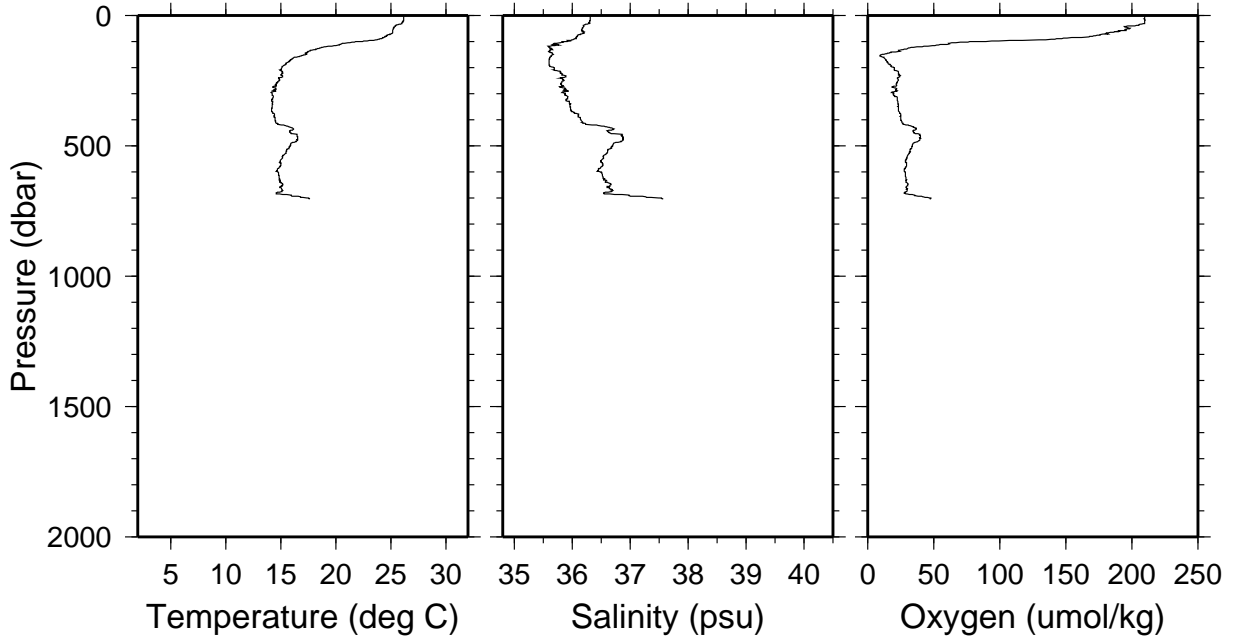


Redsox-1 **Station 151**
Latitude: 11° 7.99 N
Longitude: 044° 13.92 E
Date: 01-03-2001 1617 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.167	26.165	36.311	209.7	23.971
20	26.148	26.143	36.307	209.7	23.975
30	25.998	25.991	36.292	209.7	24.011
40	25.380	25.371	36.190	200.9	24.127
50	25.221	25.210	36.169	198.9	24.160
60	25.164	25.151	36.181	190.0	24.188
70	24.983	24.967	36.160	182.1	24.228
80	24.520	24.503	36.084	169.0	24.312
90	24.011	23.992	36.041	143.0	24.432
100	22.192	22.172	35.873	82.3	24.832
110	20.402	20.381	35.663	60.1	25.166
120	19.021	19.000	35.600	39.5	25.480
130	18.180	18.157	35.653	27.5	25.734
140	17.477	17.453	35.624	18.4	25.884
150	17.196	17.171	35.659	10.1	25.979
160	16.250	16.224	35.610	12.0	26.165
170	15.887	15.860	35.603	13.7	26.244
180	15.611	15.582	35.599	14.9	26.304
190	15.329	15.299	35.605	17.3	26.372
200	15.100	15.070	35.685	19.9	26.485
250	14.876	14.838	35.858	23.1	26.670
300	14.212	14.168	35.875	19.5	26.828
350	14.203	14.151	35.964	23.1	26.900
400	14.463	14.403	36.150	25.1	26.990
450	15.865	15.793	36.640	35.0	27.058
500	15.850	15.770	36.699	33.7	27.108
550	15.066	14.981	36.524	29.2	27.152
600	14.716	14.624	36.482	28.3	27.198
650	15.155	15.054	36.660	30.2	27.241
700	17.521	17.400	37.535	47.4	27.364

Redsox-1 Station 151
Latitude: 11 07.99 N
Longitude: 044 13.92 E
Date: 01-03-2001
Time: 1617 GMT

Rsx1-151



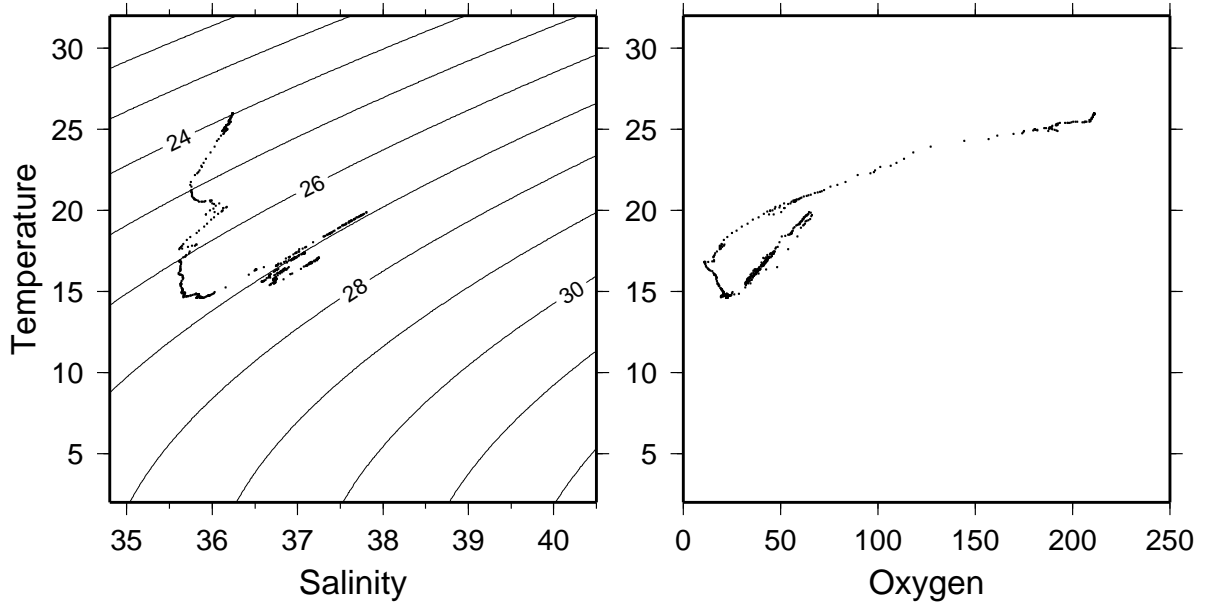
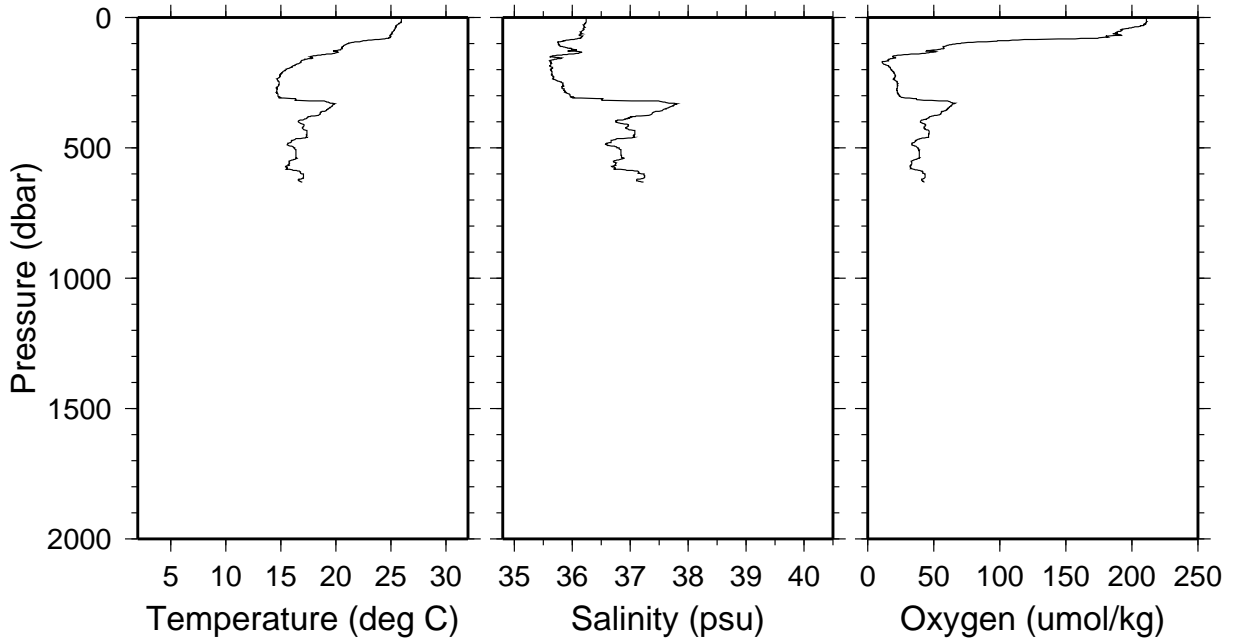
Redsox-1 **Station 152**
Latitude: 11° 9.88 N
Longitude: 044° 5.80 E
Date: 01-03-2001 1747 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.953	25.951	36.241	211.0	23.985
20	25.883	25.878	36.232	210.8	24.001
30	25.482	25.475	36.196	208.7	24.099
40	25.400	25.392	36.199	198.6	24.128
50	25.274	25.263	36.176	192.4	24.149
60	25.041	25.028	36.138	189.4	24.193
70	24.961	24.945	36.161	181.9	24.236
80	24.728	24.711	36.128	169.5	24.282
90	22.472	22.454	35.853	98.4	24.738
100	21.107	21.088	35.759	69.1	25.048
110	20.664	20.643	35.794	58.5	25.196
120	20.590	20.567	35.991	56.7	25.366
130	19.910	19.886	36.026	50.2	25.574
140	19.426	19.400	35.987	35.8	25.672
150	17.673	17.648	35.621	18.7	25.834
160	17.233	17.207	35.694	15.9	25.998
170	16.820	16.792	35.634	10.9	26.051
180	16.378	16.349	35.625	12.7	26.148
190	15.995	15.965	35.646	16.5	26.252
200	15.467	15.436	35.638	17.8	26.367
250	14.822	14.784	35.805	22.3	26.641
300	14.740	14.694	35.963	23.9	26.782
350	19.323	19.259	37.618	60.5	26.956
400	16.599	16.533	36.753	40.1	26.972
450	17.341	17.265	37.067	46.0	27.038
500	16.206	16.124	36.796	37.8	27.101
550	15.798	15.710	36.722	33.4	27.140
600	17.034	16.932	37.237	43.3	27.249

Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Bottle Data	
				Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
632.5	1	16.939	16.832	37.226	43.8
532.9	2	16.382	16.294	36.844	39.1
454.9	3	17.359	17.281	37.072	45.3
343.7	4	19.576	19.512	37.711	61.4
200.8	5	15.457	15.426	35.645	17.6
100.8	6	21.157	21.138	35.767	68.3
50.4	7	25.289	25.278	36.183	188.5
1.4	8	25.956	25.956	36.248	207.2

Redsox-1 Station 152
Latitude: 11 09.88 N
Longitude: 044 05.80 E
Date: 01-03-2001
Time: 1747 GMT

Rsx1-152

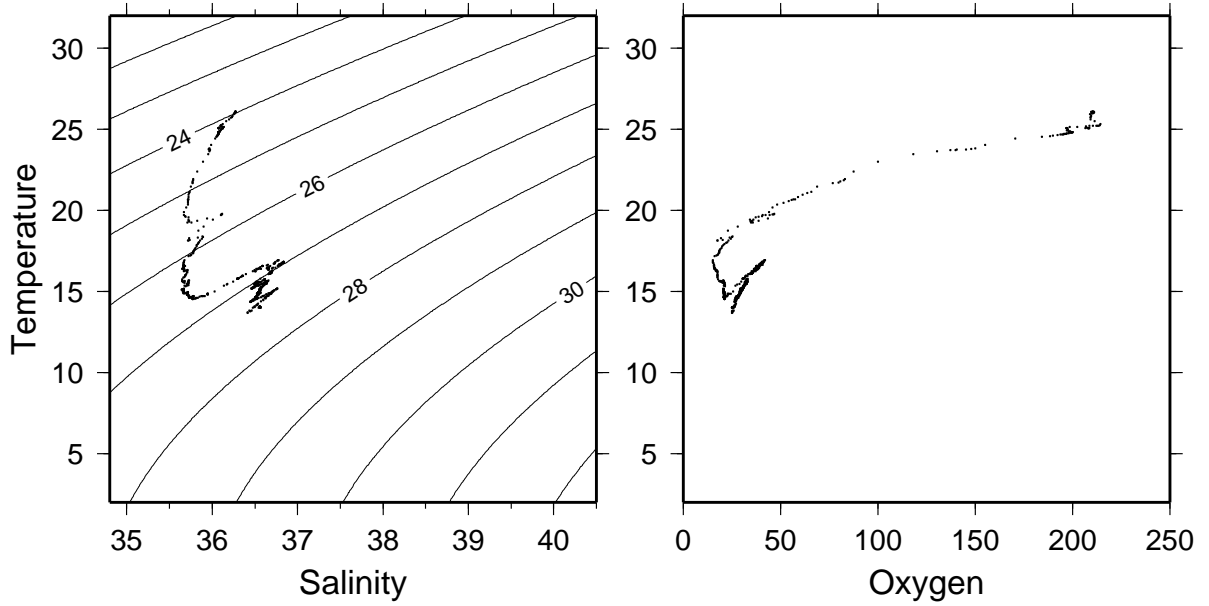
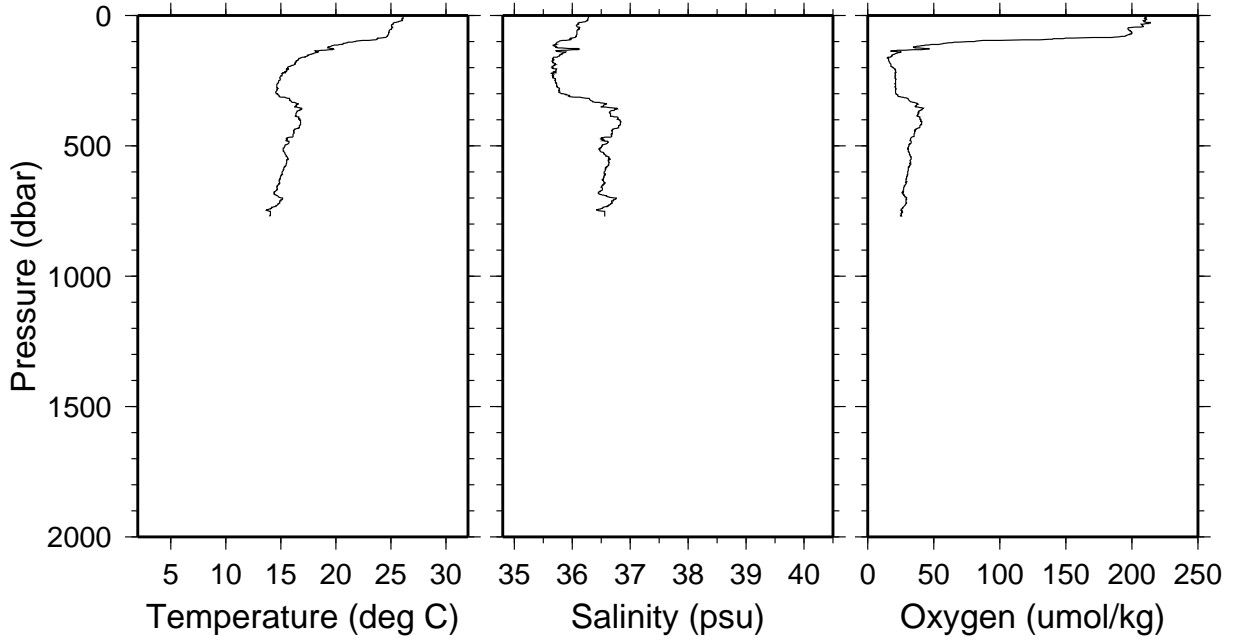


Redsox-1 **Station 153**
Latitude: 10° 53.57 N
Longitude: 044° 14.53 E
Date: 01-03-2001 2008 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.084	26.082	36.275	210.1	23.970
20	25.968	25.963	36.260	209.7	23.996
30	25.206	25.200	36.100	212.8	24.112
40	25.057	25.049	36.075	208.2	24.139
50	25.061	25.050	36.125	196.9	24.176
60	24.827	24.814	36.079	198.9	24.214
70	24.806	24.791	36.078	199.5	24.220
80	24.663	24.646	36.068	193.6	24.256
90	23.761	23.742	35.973	140.4	24.455
100	21.715	21.695	35.773	79.8	24.891
110	20.565	20.544	35.715	54.1	25.162
120	19.347	19.325	35.720	35.4	25.488
130	19.708	19.684	36.104	44.3	25.688
140	18.395	18.371	35.883	25.3	25.856
150	17.596	17.570	35.795	19.0	25.987
160	17.165	17.138	35.725	16.0	26.038
170	16.568	16.540	35.677	15.9	26.143
180	16.374	16.345	35.677	16.5	26.188
190	16.083	16.053	35.693	17.6	26.268
200	15.650	15.619	35.675	19.1	26.354
250	14.831	14.793	35.705	20.9	26.561
300	14.625	14.580	35.828	21.5	26.703
350	16.237	16.180	36.504	36.4	26.863
400	16.740	16.673	36.814	40.1	26.986
450	16.188	16.115	36.695	35.5	27.025
500	15.380	15.302	36.515	31.2	27.073
550	15.629	15.542	36.644	33.0	27.119
600	15.107	15.014	36.552	30.4	27.166
650	14.778	14.678	36.534	28.4	27.227
700	15.149	15.040	36.751	29.4	27.314
750	14.015	13.903	36.541	25.8	27.400

Redsox-1 Station 153
Latitude: 10 53.57 N
Longitude: 044 14.53 E
Date: 01-03-2001
Time: 2008 GMT

Rsx1-153



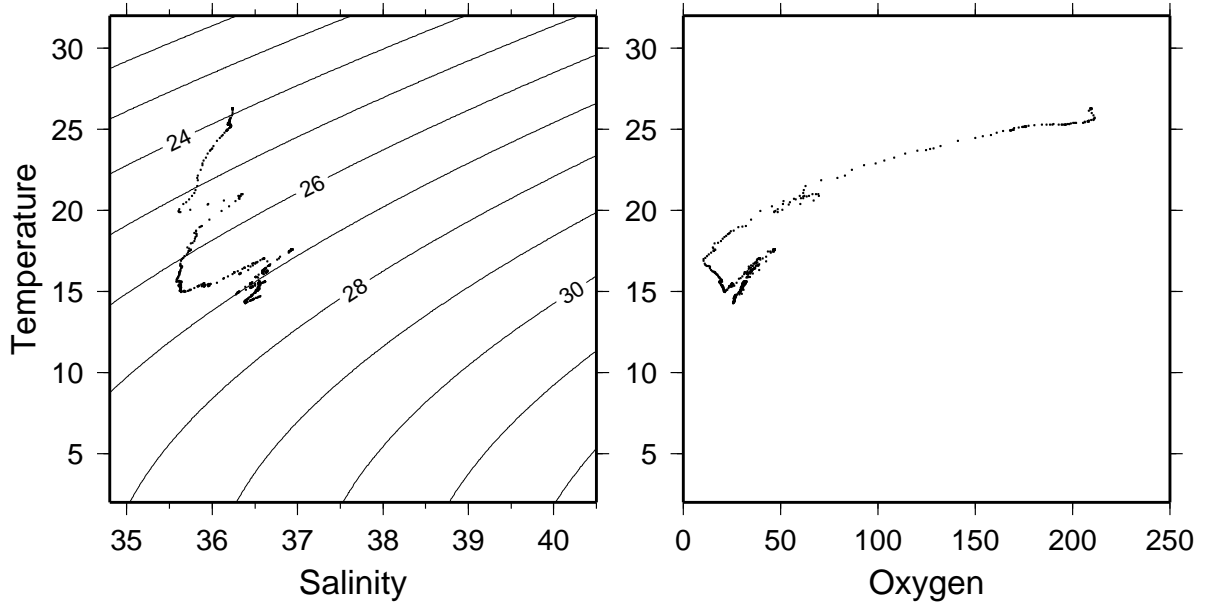
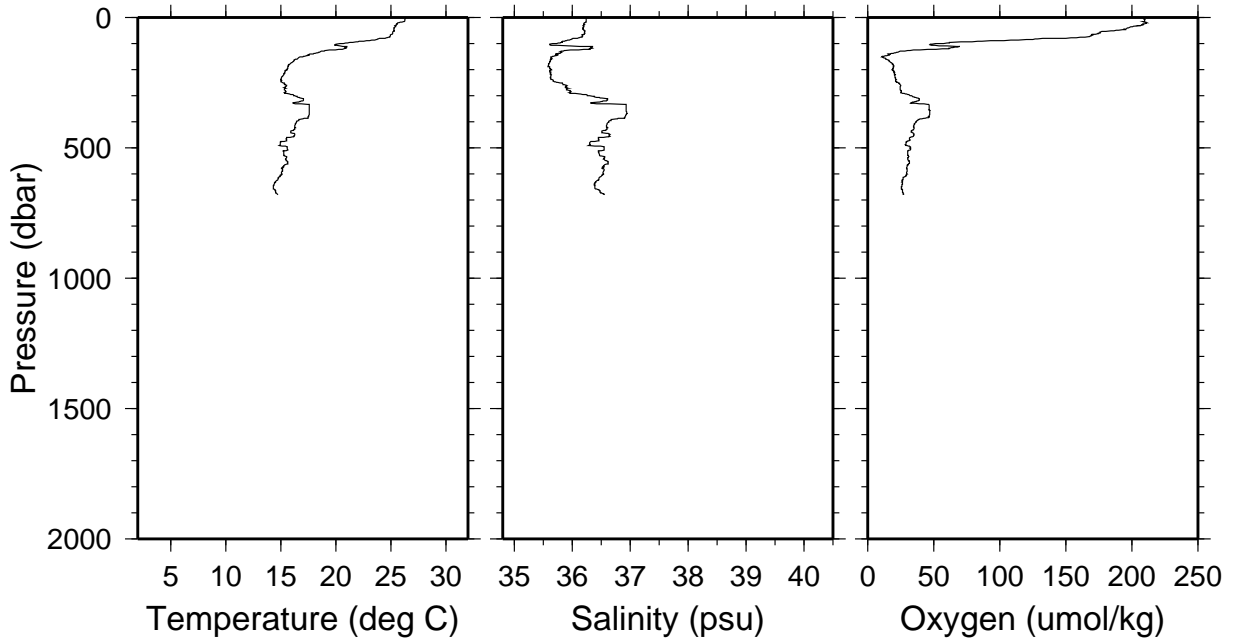
Redsox-1 **Station 154**
Latitude: 10° 37.67 N
Longitude: 044° 21.91 E
Date: 01-03-2001 2241 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.286	26.284	36.239	209.4	23.879
20	25.677	25.672	36.212	211.3	24.050
30	25.469	25.462	36.204	206.3	24.110
40	25.288	25.279	36.183	196.6	24.150
50	25.295	25.284	36.206	188.4	24.166
60	25.171	25.158	36.221	175.3	24.216
70	24.951	24.936	36.176	169.1	24.250
80	24.292	24.275	36.055	141.0	24.358
90	22.784	22.765	35.883	93.0	24.671
100	20.505	20.486	35.697	54.7	25.164
110	20.613	20.592	36.134	67.0	25.468
120	20.749	20.726	36.316	60.4	25.571
130	18.700	18.677	35.813	24.4	25.725
140	17.718	17.694	35.706	15.2	25.888
150	16.990	16.966	35.648	10.4	26.020
160	16.420	16.394	35.635	13.6	26.145
170	16.120	16.093	35.614	16.8	26.198
180	15.732	15.704	35.588	19.3	26.267
190	15.643	15.613	35.608	19.3	26.304
200	15.586	15.555	35.640	18.5	26.342
250	15.123	15.084	35.750	22.7	26.532
300	16.173	16.124	36.262	32.5	26.690
350	17.558	17.498	36.927	46.5	26.873
400	16.439	16.373	36.625	36.7	26.912
450	16.264	16.190	36.648	35.0	26.972
500	15.595	15.516	36.552	32.3	27.053
550	15.563	15.476	36.599	31.3	27.099
600	15.064	14.970	36.531	29.6	27.160
650	14.335	14.237	36.389	25.6	27.210

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
680.1	1	14.735	14.630	36.562	27.0
506.1	2	15.595	15.515	36.551	31.4
358.6	3	17.580	17.518	36.935	45.6
119.1	4	20.720	20.697	36.312	59.4
59.2	5	25.160	25.147	36.215	174.7
2.0	6	26.274	26.274	36.243	208.8

Redsox-1 Station 154
Latitude: 10 37.67 N
Longitude: 044 21.91 E
Date: 01-03-2001
Time: 2241 GMT

Rsx1-154

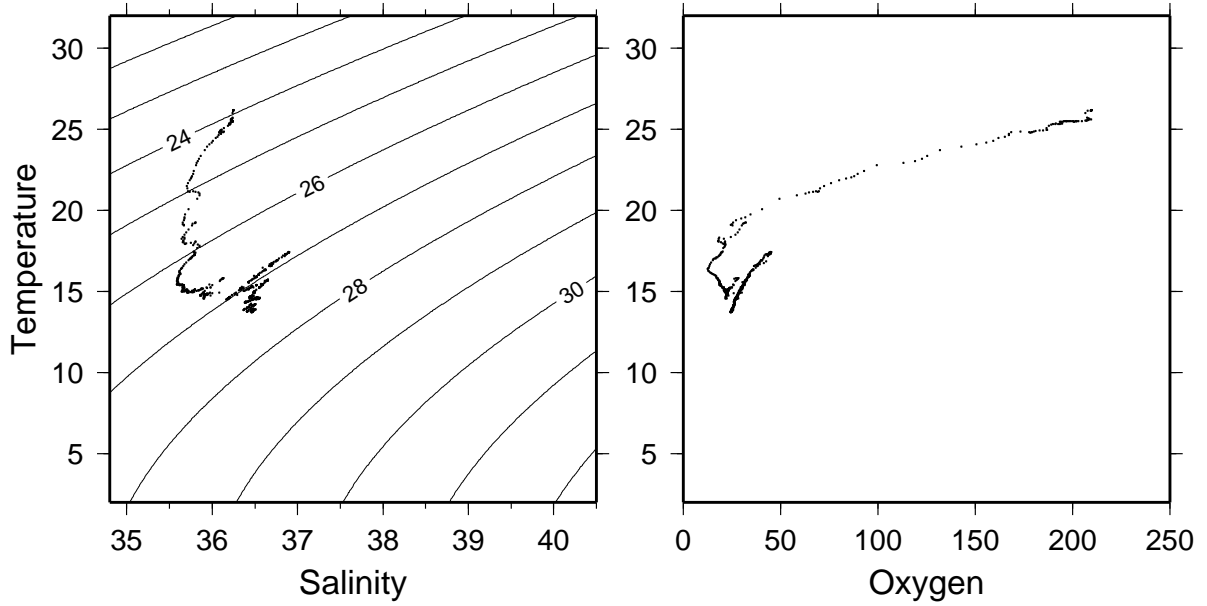
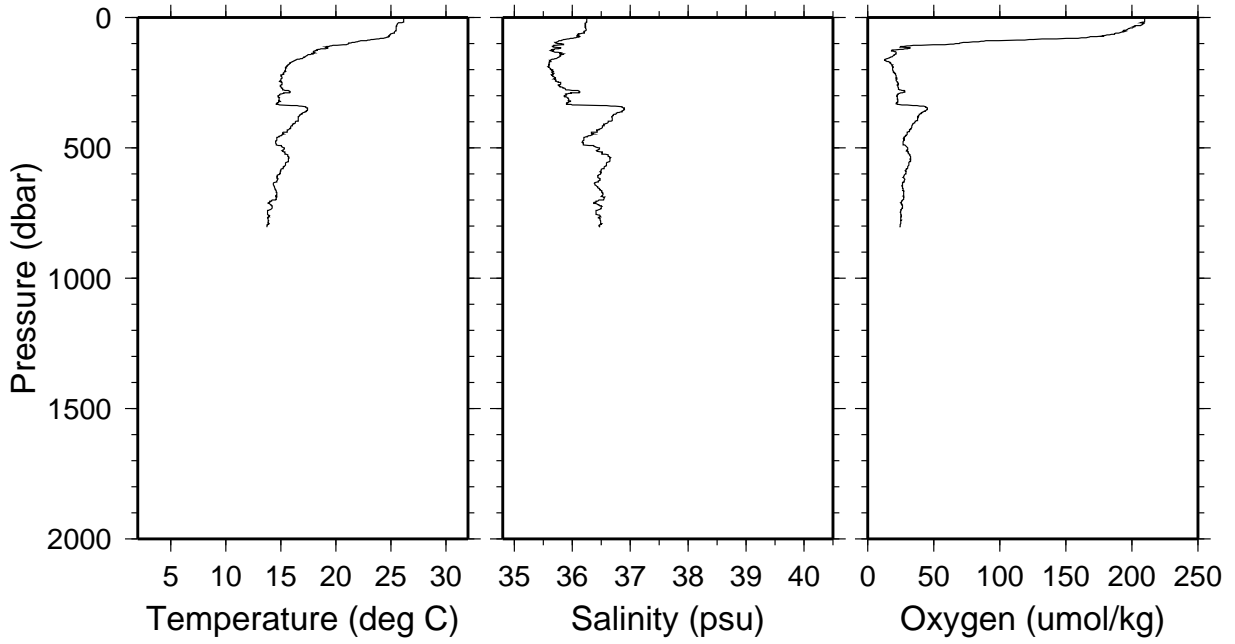


Redsox-1 **Station 155**
Latitude: 10° 40.82 N
Longitude: 044° 24.42 E
Date: 01-03-2001 2359 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.169	26.166	36.246	209.6	23.922
20	25.731	25.727	36.240	207.5	24.055
30	25.527	25.520	36.222	206.7	24.105
40	25.486	25.477	36.228	199.8	24.123
50	25.474	25.463	36.236	194.0	24.133
60	25.295	25.282	36.205	189.0	24.166
70	24.799	24.783	36.083	178.3	24.226
80	24.192	24.175	35.991	155.5	24.340
90	22.250	22.232	35.774	89.7	24.741
100	21.166	21.147	35.780	68.3	25.047
110	19.387	19.367	35.668	27.2	25.437
120	18.836	18.815	35.724	28.9	25.622
130	18.020	17.998	35.654	19.2	25.774
140	17.827	17.803	35.850	21.5	25.972
150	17.204	17.178	35.781	18.5	26.071
160	16.589	16.563	35.663	13.3	26.127
170	16.031	16.004	35.614	15.6	26.219
180	15.726	15.697	35.595	17.9	26.274
190	15.439	15.410	35.585	19.3	26.332
200	15.413	15.382	35.646	18.8	26.385
250	15.118	15.079	35.799	22.9	26.570
300	14.768	14.723	35.861	22.1	26.697
350	17.410	17.350	36.893	45.1	26.883
400	16.337	16.272	36.623	35.8	26.933
450	15.126	15.056	36.336	29.7	26.990
500	15.284	15.206	36.461	30.3	27.053
550	15.689	15.601	36.646	32.3	27.106
600	14.910	14.817	36.489	28.6	27.161
650	14.424	14.325	36.439	26.2	27.230
700	14.485	14.379	36.518	26.4	27.279
750	13.793	13.682	36.408	24.9	27.343
800	13.731	13.614	36.464	24.4	27.401

Redsox-1 Station 155
Latitude: 10 40.82 N
Longitude: 044 24.42 E
Date: 01-03-2001
Time: 2359 GMT

Rsx1-155



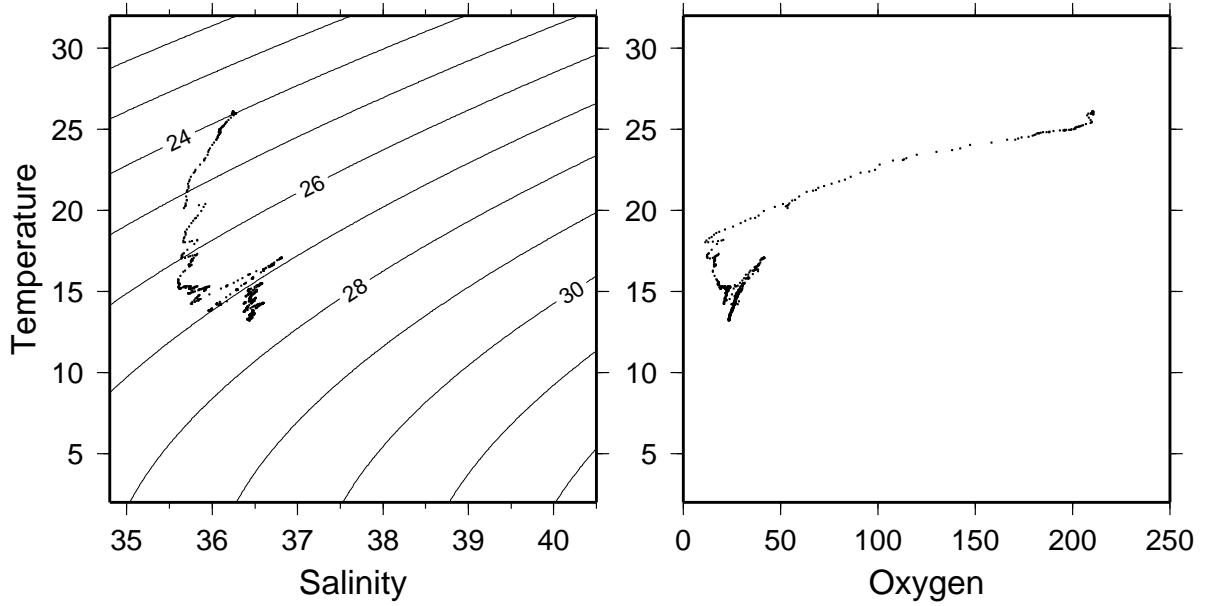
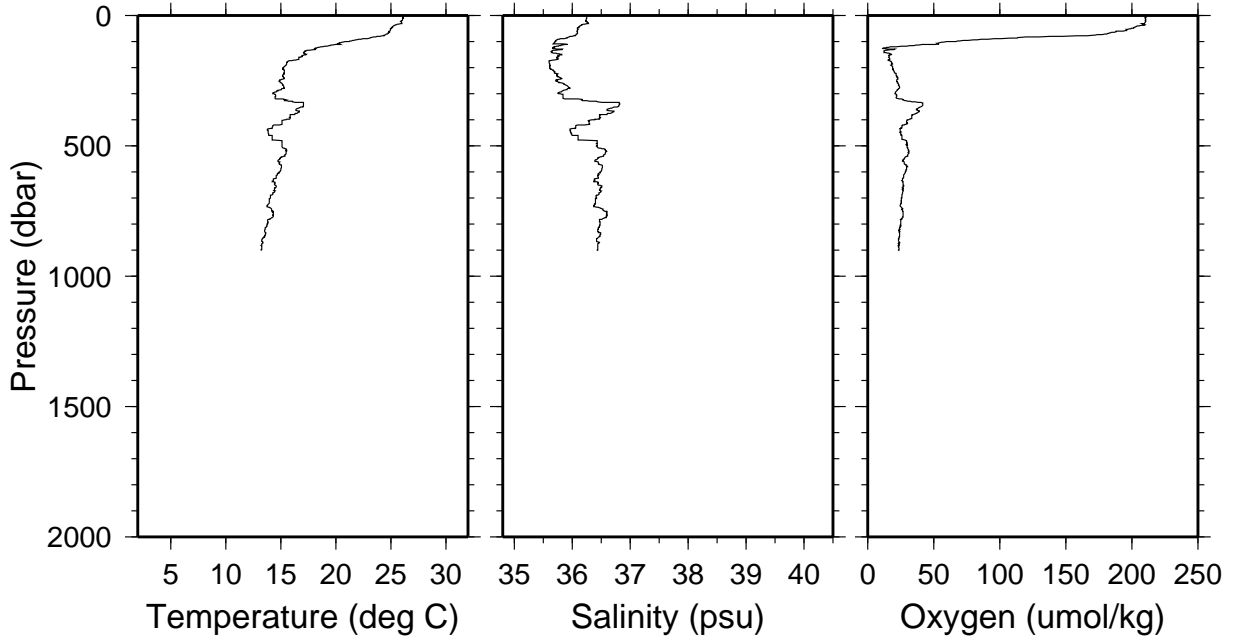
Redsox-1 **Station 156**
 Latitude: 10° 44.51 N
 Longitude: 044° 27.03 E
 Date: 02-03-2001 0121 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.094	26.092	36.247	210.2	23.945
20	25.981	25.977	36.233	210.0	23.972
30	25.979	25.972	36.277	209.2	24.006
40	25.229	25.221	36.134	204.4	24.131
50	24.985	24.974	36.088	199.5	24.171
60	24.887	24.874	36.085	190.2	24.200
70	24.680	24.665	36.080	181.0	24.260
80	23.825	23.808	35.974	142.3	24.436
90	22.407	22.389	35.795	95.5	24.712
100	21.128	21.109	35.704	63.5	25.000
110	20.397	20.376	35.923	51.3	25.365
120	18.683	18.661	35.683	18.6	25.630
130	18.177	18.155	35.827	20.5	25.867
140	17.127	17.104	35.645	12.3	25.985
150	17.268	17.243	35.817	17.7	26.083
160	16.690	16.663	35.730	15.7	26.155
170	16.545	16.518	35.729	15.7	26.189
180	15.555	15.527	35.601	18.1	26.318
190	15.468	15.439	35.613	17.9	26.347
200	15.241	15.211	35.610	18.9	26.396
250	14.885	14.847	35.725	22.0	26.565
300	14.268	14.223	35.761	21.1	26.728
350	16.978	16.919	36.780	40.1	26.901
400	15.457	15.394	36.374	30.3	26.943
450	13.861	13.795	35.979	24.9	26.988
500	15.094	15.016	36.425	29.7	27.068
550	14.882	14.797	36.432	27.6	27.122
600	14.863	14.770	36.485	28.6	27.169
650	14.425	14.327	36.442	26.9	27.232
700	14.050	13.946	36.423	25.7	27.299
750	14.233	14.120	36.557	26.5	27.366
800	13.785	13.667	36.481	24.9	27.403
900	13.233	13.103	36.435	23.5	27.485

Press (dbar)	Bottle	Bottle Data			
		Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
903.5	1	13.207	13.077	36.434	23.4
768.0	2	14.289	14.173	36.596	25.8
451.8	3	13.853	13.787	35.979	24.0
348.6	4	17.009	16.951	36.775	39.9

Redsox-1 Station 156
Latitude: 10 44.51 N
Longitude: 044 27.03 E
Date: 02-03-2001
Time: 0121 GMT

Rsx1-156

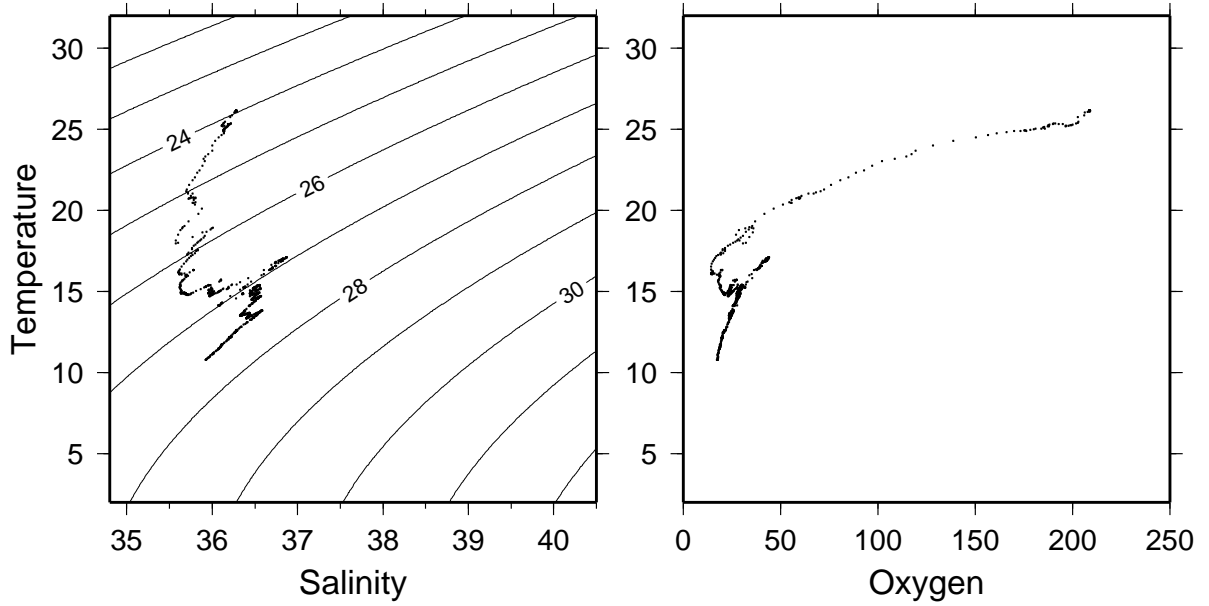
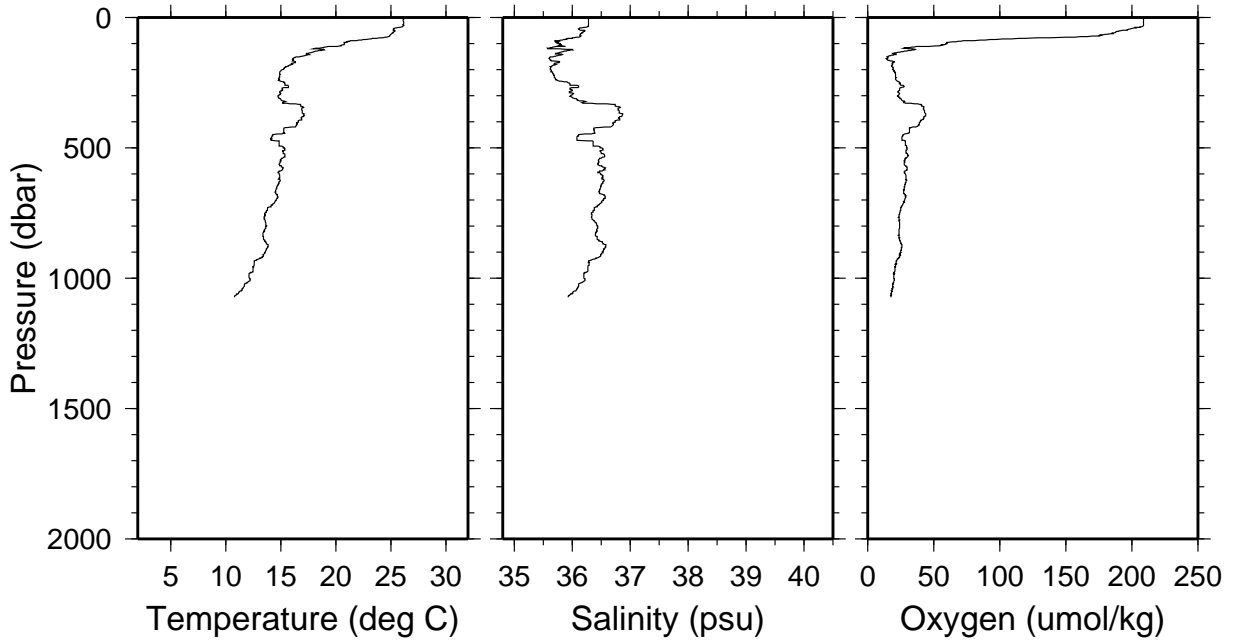


Redsox-1 **Station 157**
Latitude: 10° 51.77 N
Longitude: 044° 32.30 E
Date: 02-03-2001 0308 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.129	26.127	36.282	208.6	23.961
20	26.133	26.129	36.281	208.7	23.960
30	26.116	26.110	36.277	208.7	23.963
40	25.382	25.373	36.140	202.7	24.088
50	25.338	25.328	36.206	193.0	24.152
60	25.119	25.106	36.161	184.9	24.187
70	24.920	24.904	36.137	175.3	24.230
80	23.476	23.459	35.956	117.3	24.525
90	21.301	21.284	35.705	72.3	24.953
100	20.802	20.783	35.780	59.8	25.147
110	20.096	20.076	35.882	46.5	25.414
120	17.990	17.969	35.600	32.1	25.740
130	18.154	18.131	35.860	27.6	25.898
140	17.373	17.349	35.759	20.6	26.013
150	16.707	16.682	35.670	14.6	26.104
160	16.075	16.049	35.613	14.5	26.208
170	16.337	16.309	35.783	20.0	26.278
180	15.932	15.903	35.697	19.0	26.306
190	15.421	15.391	35.625	18.8	26.367
200	15.135	15.105	35.629	19.1	26.434
250	15.300	15.262	35.924	24.2	26.626
300	14.747	14.701	35.970	23.0	26.786
350	16.879	16.820	36.789	42.2	26.931
400	16.582	16.516	36.744	40.0	26.969
450	14.282	14.215	36.115	26.8	27.003
500	15.243	15.165	36.488	29.5	27.083
550	14.970	14.885	36.456	28.0	27.120
600	14.849	14.757	36.494	28.5	27.178
650	14.646	14.547	36.490	27.8	27.222
700	14.570	14.463	36.535	28.0	27.274
750	13.545	13.435	36.330	24.1	27.334
800	13.656	13.538	36.431	24.1	27.391
900	13.560	13.428	36.521	25.0	27.484
1000	12.145	12.008	36.203	19.9	27.523

Redsox-1 Station 157
Latitude: 10 51.77 N
Longitude: 044 32.30 E
Date: 02-03-2001
Time: 0308 GMT

Rsx1-157



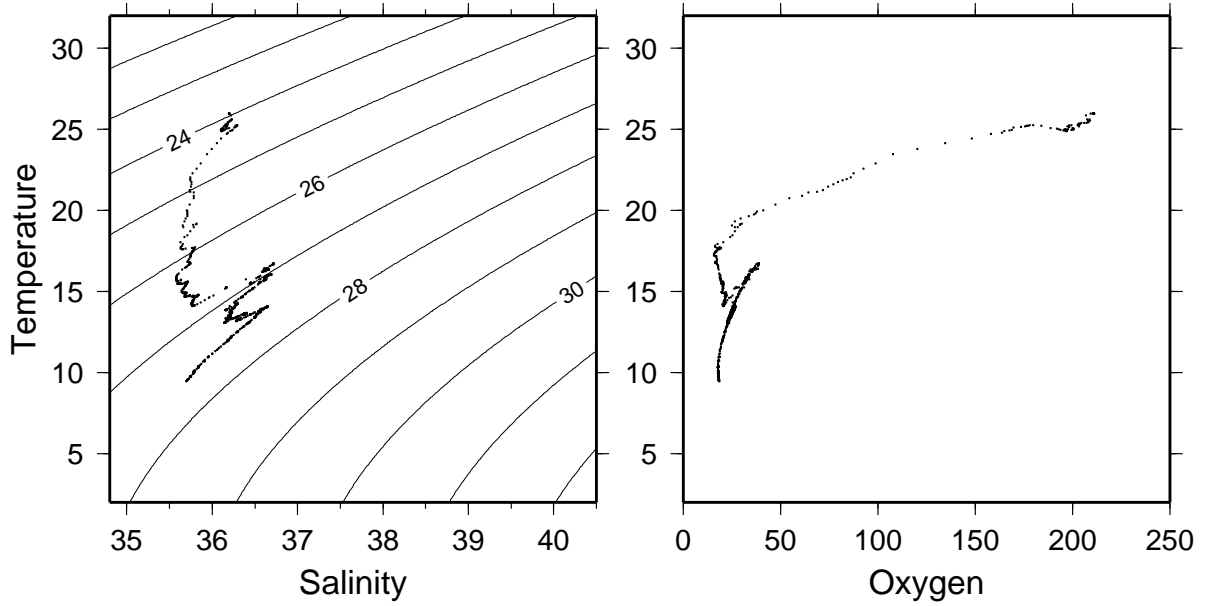
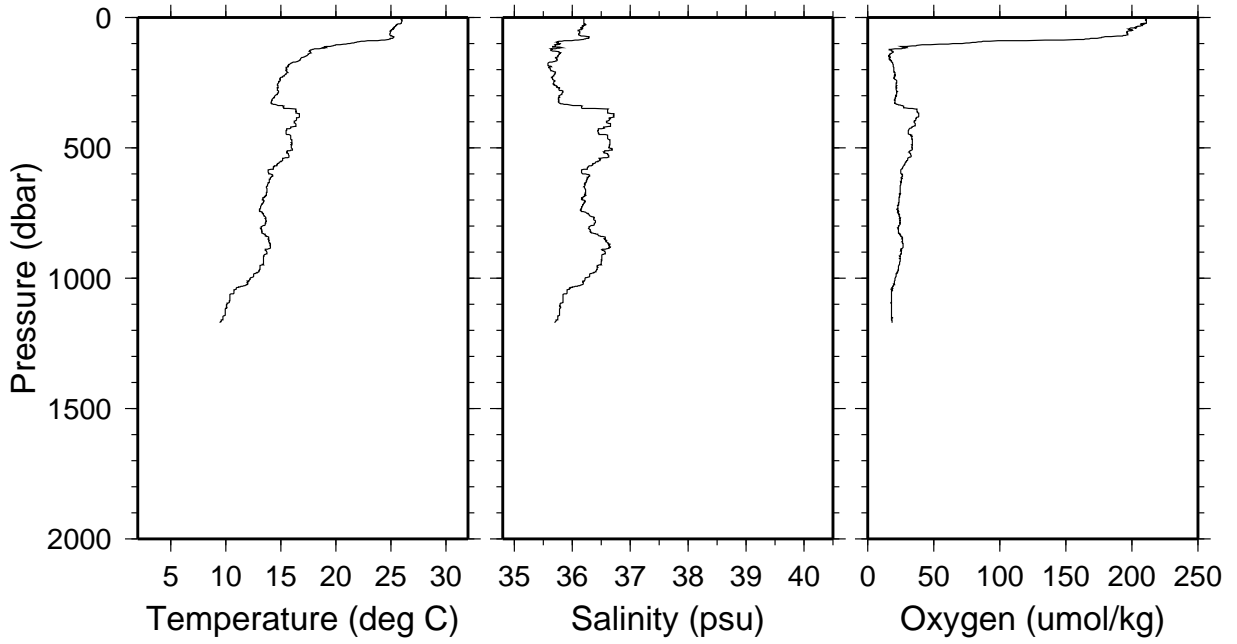
Redsox-1 **Station 158**
Latitude: 10° 43.81 N
Longitude: 044° 47.21 E
Date: 02-03-2001 0535 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.973	25.971	36.198	210.8	23.947
20	25.963	25.959	36.199	210.8	23.951
30	25.457	25.450	36.195	208.0	24.107
40	25.187	25.178	36.140	203.4	24.148
50	24.976	24.965	36.100	200.1	24.184
60	24.947	24.934	36.126	195.9	24.213
70	24.993	24.978	36.153	193.0	24.219
80	25.095	25.077	36.261	169.6	24.271
90	22.877	22.858	35.863	98.8	24.629
100	21.134	21.115	35.746	68.9	25.031
110	19.488	19.468	35.688	29.4	25.427
120	18.363	18.342	35.677	24.0	25.705
130	17.638	17.616	35.692	19.1	25.896
140	17.492	17.468	35.773	17.0	25.995
150	17.176	17.151	35.745	16.4	26.051
160	16.782	16.756	35.737	16.5	26.138
170	16.474	16.446	35.682	17.8	26.169
180	15.766	15.737	35.581	19.2	26.254
190	15.539	15.509	35.597	19.7	26.319
200	15.477	15.445	35.620	19.8	26.351
250	14.792	14.755	35.681	21.8	26.551
300	14.475	14.430	35.778	21.3	26.697
350	16.373	16.316	36.607	35.9	26.911
400	16.209	16.144	36.591	35.1	26.939
450	15.753	15.681	36.566	32.6	27.026
500	15.937	15.856	36.638	33.5	27.041
550	15.074	14.988	36.449	29.5	27.093
600	13.958	13.869	36.195	25.5	27.139
650	13.706	13.611	36.208	24.4	27.203
700	13.345	13.244	36.172	23.7	27.251
750	13.342	13.234	36.250	23.3	27.314
800	13.292	13.177	36.310	23.4	27.372
900	13.736	13.602	36.567	25.6	27.483
1000	12.205	12.067	36.224	20.8	27.528

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1171.3	1	9.486	9.347	35.703	18.3
880.5	2	14.031	13.899	36.636	25.7
588.8	3	13.866	13.779	36.161	24.0
376.7	4	16.703	16.641	36.715	37.3
72.3	5	25.240	25.224	36.292	178.1
2.4	6	25.985	25.984	36.197	213.6

Redsox-1 Station 158
Latitude: 10 43.81 N
Longitude: 044 47.21 E
Date: 02-03-2001
Time: 0535 GMT

Rsx1-158

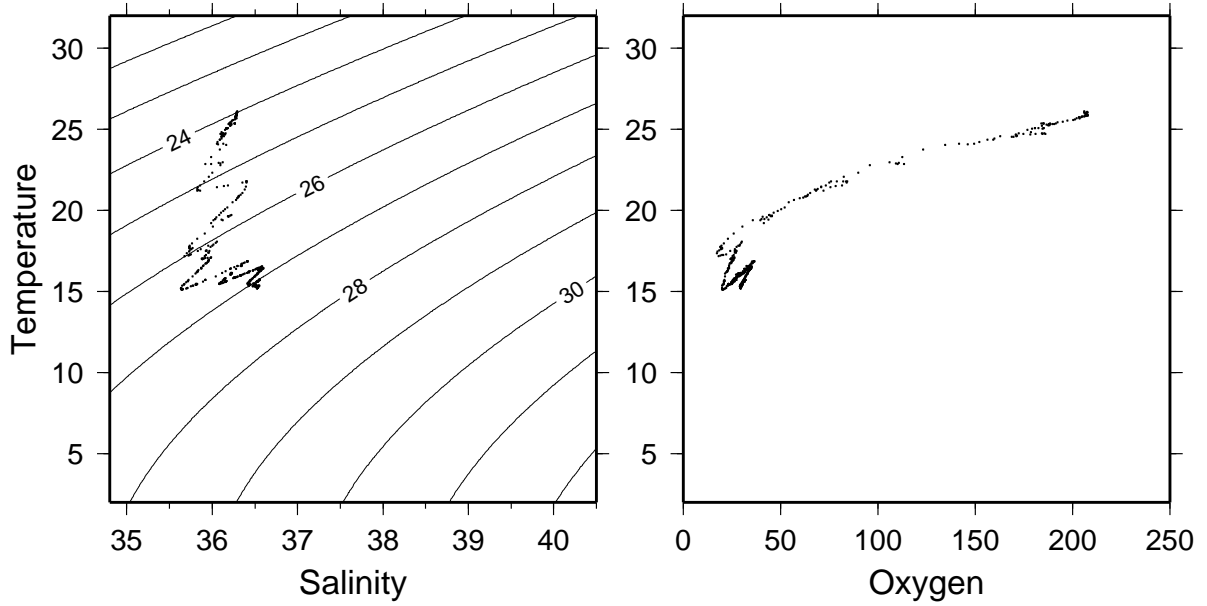
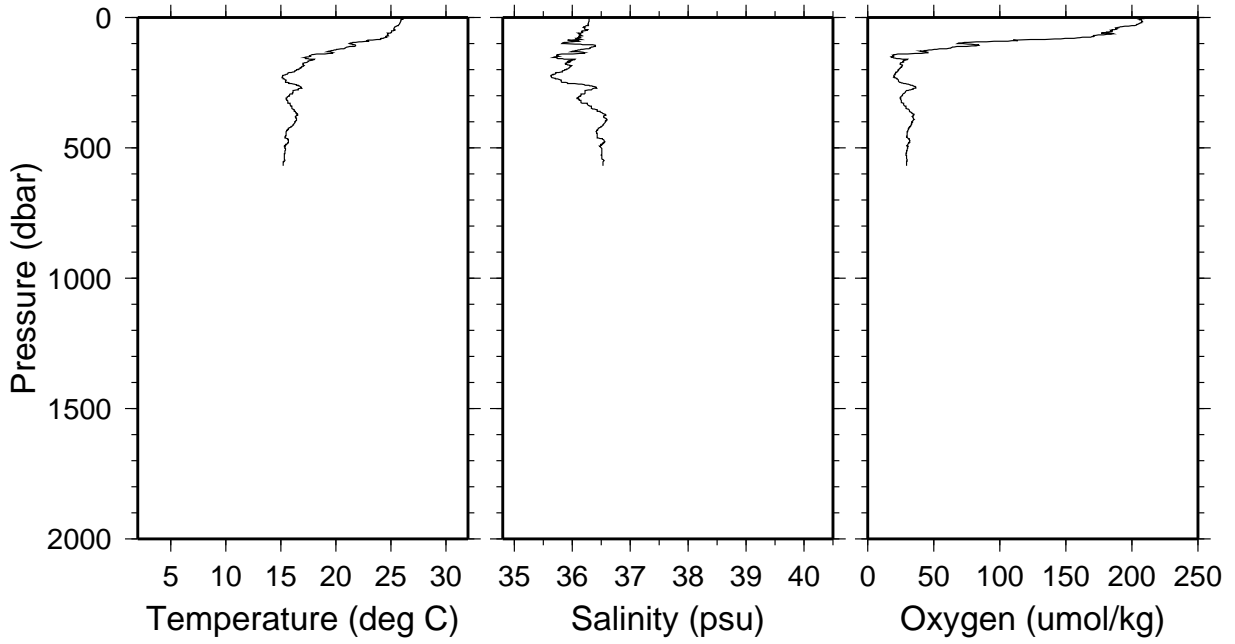


Redsox-1 **Station 159**
Latitude: 10° 32.31 N
Longitude: 045° 0.15 E
Date: 02-03-2001 0815 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.891	25.889	36.287	207.1	24.040
20	25.835	25.831	36.279	207.0	24.052
30	25.684	25.678	36.284	202.2	24.103
40	25.310	25.301	36.208	188.2	24.162
50	25.340	25.329	36.259	183.8	24.192
60	24.819	24.807	36.110	178.6	24.240
70	24.638	24.623	36.132	170.8	24.312
80	24.206	24.189	36.061	152.1	24.389
90	22.898	22.880	36.095	109.4	24.799
100	21.233	21.213	35.835	68.4	25.072
110	21.702	21.680	36.398	74.9	25.371
120	20.647	20.625	36.276	56.9	25.568
130	19.376	19.353	36.012	39.6	25.703
140	18.562	18.537	35.910	26.0	25.835
150	17.525	17.500	35.736	18.5	25.959
160	17.816	17.789	35.957	29.0	26.057
170	17.485	17.456	35.970	27.2	26.148
180	17.020	16.990	35.892	24.8	26.202
190	16.896	16.865	35.956	25.3	26.281
200	16.469	16.436	35.872	23.5	26.317
250	15.616	15.577	35.890	25.1	26.529
300	15.762	15.715	36.145	26.1	26.695
350	16.043	15.987	36.353	29.9	26.792
400	16.302	16.237	36.569	33.6	26.900
450	15.472	15.401	36.433	29.9	26.987
500	15.374	15.295	36.501	30.2	27.064
550	15.326	15.239	36.544	29.8	27.110

Redsox-1 Station 159
Latitude: 10 32.31 N
Longitude: 045 00.15 E
Date: 02-03-2001
Time: 0815 GMT

Rsx1-159



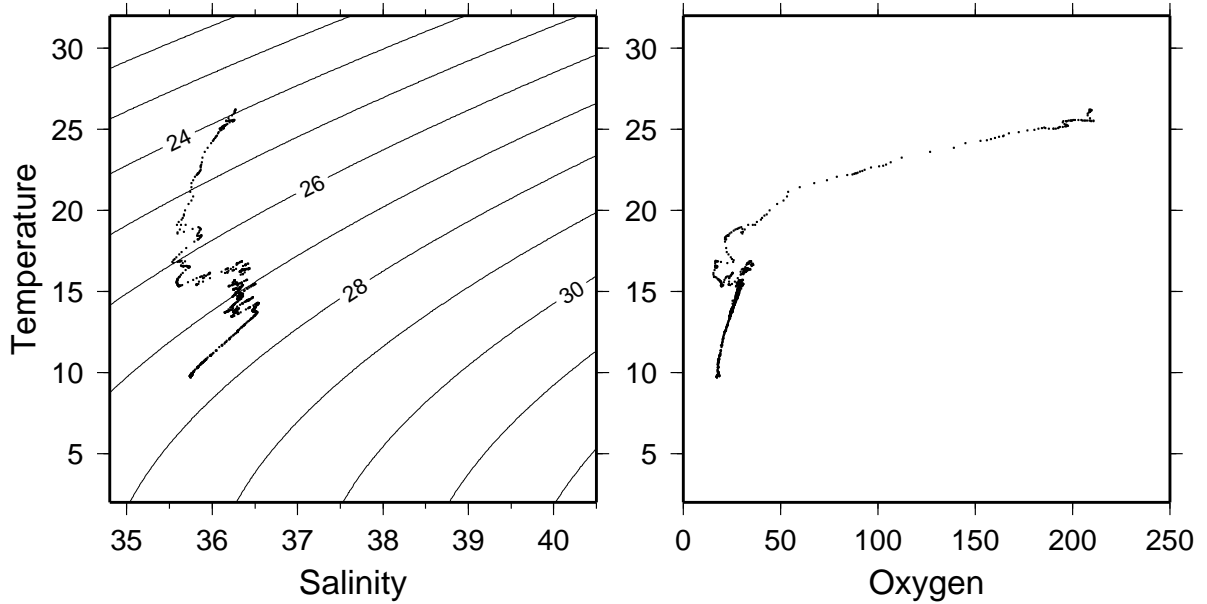
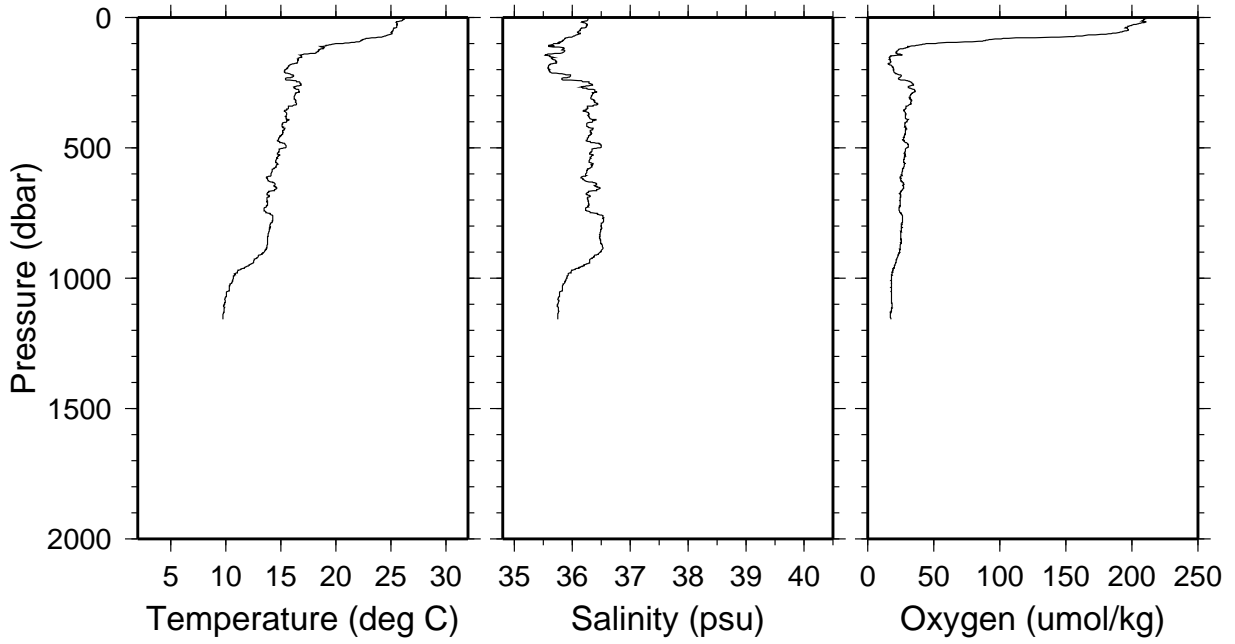
Redsox-1 **Station 160**
Latitude: 10° 41.81 N
Longitude: 045° 0.02 E
Date: 02-03-2001 0941 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.073	26.070	36.265	209.0	23.966
20	25.523	25.518	36.200	208.6	24.089
30	25.542	25.536	36.252	199.5	24.123
40	25.321	25.312	36.178	195.9	24.136
50	25.188	25.177	36.131	196.8	24.142
60	25.087	25.074	36.126	186.0	24.170
70	24.528	24.513	36.041	162.3	24.277
80	22.830	22.813	35.871	104.3	24.648
90	22.253	22.235	35.831	87.8	24.783
100	20.389	20.370	35.724	48.2	25.215
110	18.806	18.786	35.619	31.5	25.549
120	18.739	18.717	35.855	25.8	25.747
130	18.393	18.370	35.867	22.0	25.844
140	17.298	17.275	35.615	23.3	25.921
150	16.859	16.834	35.620	17.2	26.030
160	16.552	16.525	35.662	16.4	26.135
170	16.521	16.493	35.733	17.4	26.197
180	15.905	15.876	35.615	15.9	26.249
190	15.652	15.622	35.586	19.0	26.285
200	15.432	15.401	35.592	19.6	26.339
250	16.735	16.693	36.293	33.2	26.581
300	16.248	16.199	36.333	32.2	26.728
350	15.649	15.594	36.263	28.5	26.813
400	15.521	15.458	36.350	29.7	26.910
450	15.067	14.997	36.309	28.1	26.982
500	15.313	15.235	36.458	29.8	27.044
550	14.529	14.446	36.290	27.2	27.089
600	14.090	14.001	36.235	25.8	27.142
650	14.509	14.410	36.434	27.1	27.208
700	13.757	13.654	36.269	24.5	27.242
750	13.888	13.777	36.397	25.0	27.315
800	14.020	13.900	36.495	25.6	27.364
900	13.476	13.344	36.488	24.0	27.476
1000	10.702	10.575	35.905	17.9	27.558

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1157.5	1	9.726	9.586	35.744	17.8
848.2	2	13.793	13.667	36.485	24.5
650.3	3	14.426	14.328	36.406	27.1
312.1	4	16.220	16.169	36.347	32.0
199.6	5	15.437	15.406	35.597	19.4
100.2	6	20.216	20.197	35.733	45.4
49.5	7	25.192	25.181	36.267	197.5

Redsox-1 Station 160
Latitude: 10 41.81 N
Longitude: 045 00.02 E
Date: 02-03-2001
Time: 0941 GMT

Rsx1-160

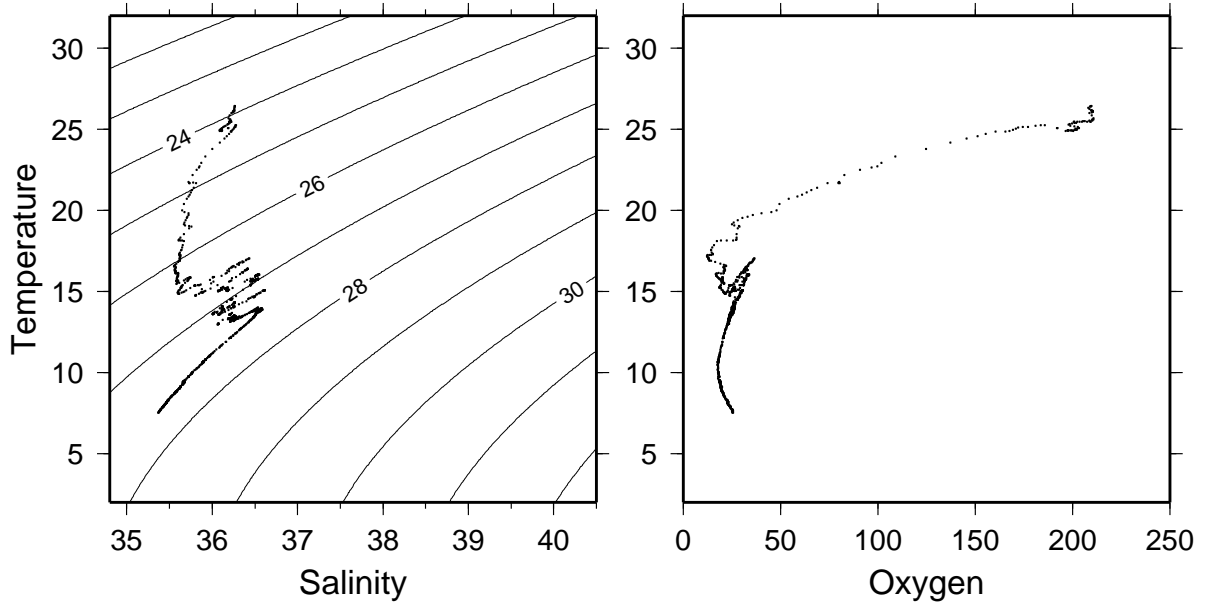
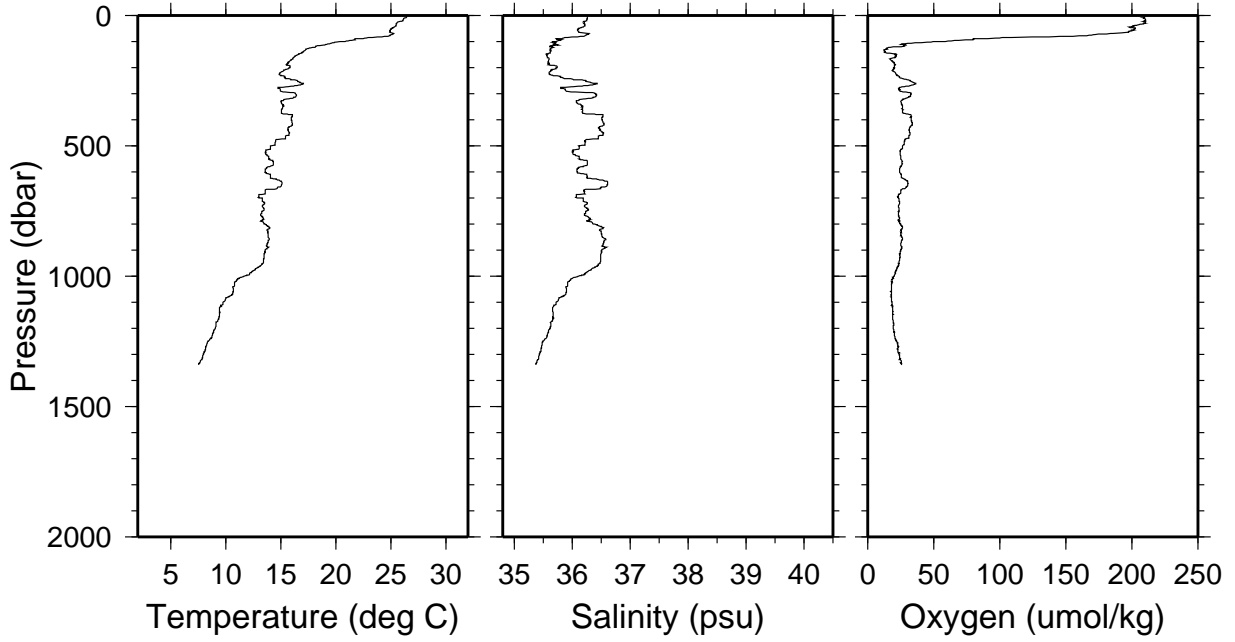


Redsox-1 **Station 161**
Latitude: 10° 48.47 N
Longitude: 045° 0.01 E
Date: 02-03-2001 1136 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.245	26.243	36.257	208.5	23.906
20	26.069	26.064	36.243	210.4	23.951
30	25.510	25.504	36.209	208.8	24.101
40	25.450	25.441	36.218	200.5	24.127
50	25.051	25.041	36.110	202.4	24.168
60	24.943	24.930	36.113	197.6	24.204
70	25.211	25.196	36.273	180.9	24.244
80	24.575	24.558	36.172	151.3	24.362
90	21.748	21.731	35.720	80.0	24.840
100	20.718	20.699	35.704	54.2	25.112
110	19.134	19.115	35.669	25.0	25.503
120	18.146	18.125	35.629	22.4	25.722
130	17.264	17.243	35.617	14.4	25.930
140	17.021	16.997	35.622	12.8	25.993
150	16.525	16.501	35.556	21.5	26.060
160	16.169	16.143	35.568	21.0	26.151
170	15.972	15.945	35.597	17.0	26.220
180	15.654	15.626	35.580	20.0	26.279
190	15.543	15.514	35.617	20.8	26.333
200	15.806	15.775	35.729	20.0	26.360
250	16.490	16.449	36.229	32.1	26.589
300	16.324	16.275	36.394	32.9	26.757
350	15.149	15.095	36.162	26.3	26.847
400	15.963	15.899	36.511	32.9	26.934
450	15.773	15.701	36.538	32.1	27.000
500	14.061	13.987	36.115	26.3	27.052
550	13.906	13.825	36.127	24.9	27.096
600	13.605	13.517	36.087	24.1	27.129
650	15.048	14.947	36.601	30.3	27.219
700	13.002	12.903	36.079	23.5	27.249
750	13.325	13.216	36.244	23.3	27.313
800	13.540	13.423	36.379	24.8	27.375
900	13.569	13.436	36.508	24.9	27.472
1000	11.661	11.527	36.107	19.7	27.540
1250	8.369	8.230	35.495	21.9	27.628

Redsox-1 Station 161
Latitude: 10 48.47 N
Longitude: 045 00.01 E
Date: 02-03-2001
Time: 1136 GMT

Rsx1-161



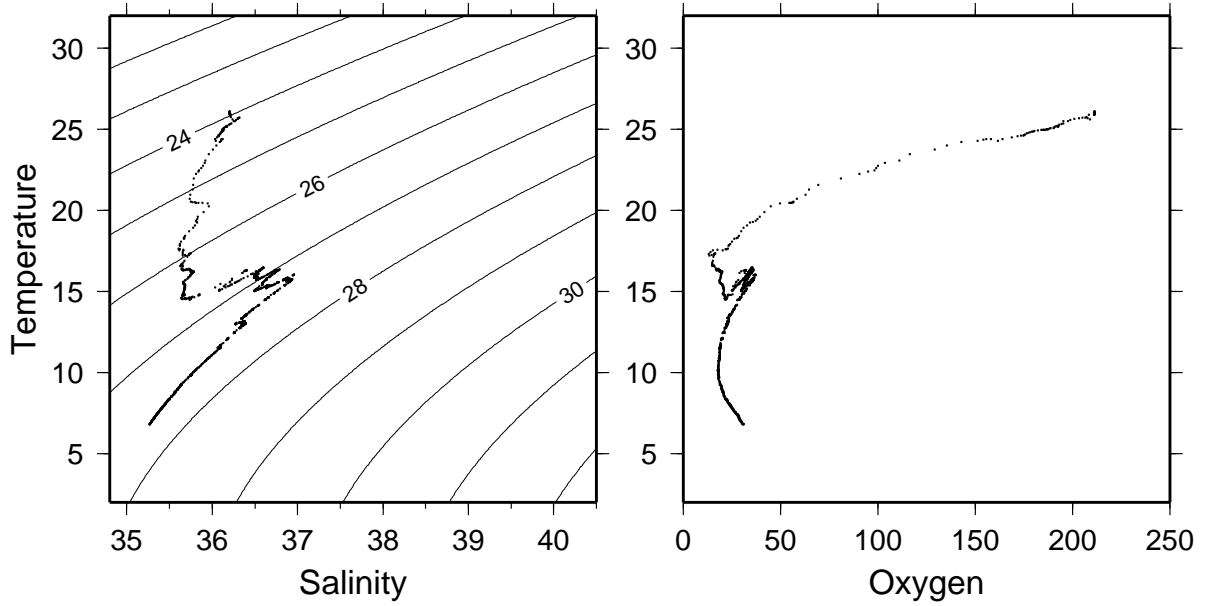
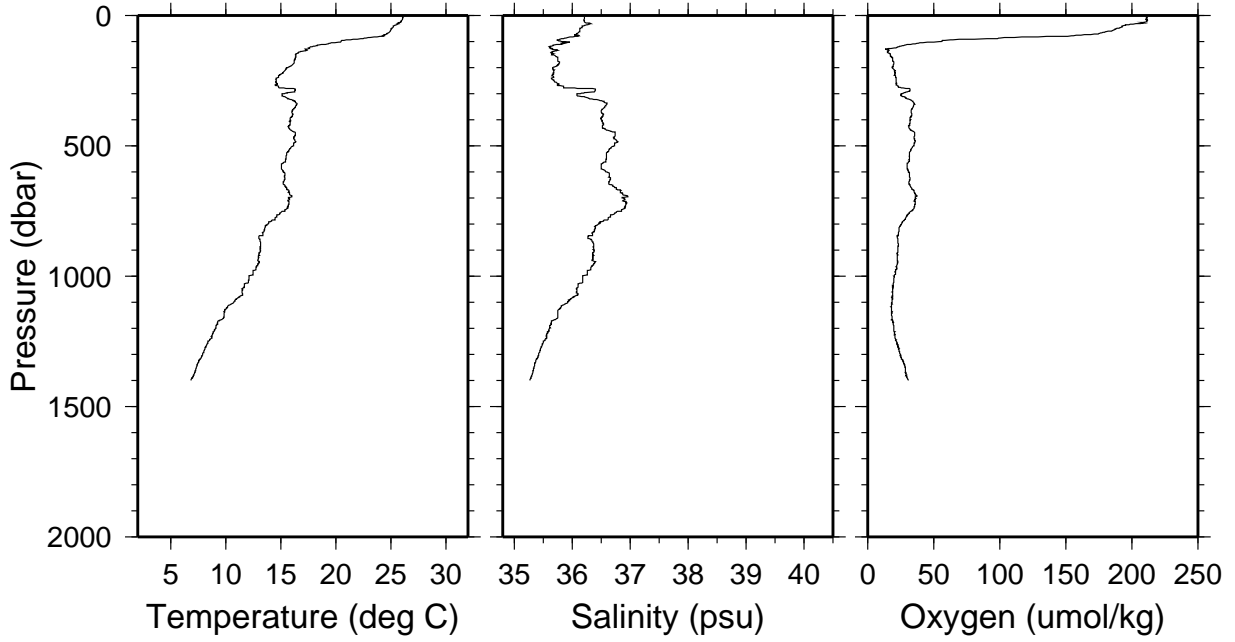
Redsox-1 **Station 162**
Latitude: 10° 55.83 N
Longitude: 044° 59.99 E
Date: 02-03-2001 1323 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.082	26.079	36.205	211.3	23.918
20	25.944	25.939	36.205	211.2	23.962
30	25.726	25.719	36.319	206.5	24.117
40	25.213	25.204	36.176	192.4	24.168
50	25.062	25.051	36.134	188.7	24.183
60	24.949	24.936	36.127	183.9	24.212
70	24.620	24.605	36.076	174.6	24.275
80	24.215	24.198	36.089	142.9	24.407
90	22.243	22.225	35.812	90.6	24.771
100	20.460	20.441	35.838	55.3	25.284
110	19.073	19.054	35.795	32.6	25.615
120	17.817	17.797	35.624	23.2	25.800
130	17.222	17.201	35.655	13.4	25.969
140	16.677	16.654	35.642	14.8	26.089
150	16.308	16.283	35.651	17.3	26.183
160	16.337	16.311	35.738	18.3	26.243
170	16.272	16.244	35.752	18.7	26.270
180	16.214	16.185	35.778	19.9	26.303
190	16.016	15.986	35.746	19.4	26.325
200	15.573	15.542	35.661	18.6	26.361
250	14.576	14.539	35.681	21.5	26.598
300	15.327	15.280	36.136	25.7	26.786
350	16.306	16.249	36.559	34.4	26.890
400	15.851	15.787	36.503	32.2	26.954
450	16.295	16.221	36.745	35.5	27.039
500	16.138	16.056	36.730	34.8	27.066
550	15.452	15.365	36.586	31.5	27.114
600	15.208	15.115	36.577	30.9	27.163
650	15.330	15.228	36.680	32.0	27.217
700	15.711	15.599	36.874	35.9	27.282
750	15.375	15.256	36.846	32.9	27.339
800	13.816	13.697	36.454	25.6	27.376
900	13.131	13.002	36.375	22.9	27.458
1000	12.095	11.958	36.181	19.9	27.515
1250	8.383	8.244	35.499	21.7	27.629

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1392.4	1	6.906	6.765	35.285	31.3
750.7	2	15.051	14.934	36.760	31.4
650.5	3	15.205	15.103	36.626	31.2
550.8	4	15.452	15.365	36.582	31.0
250.5	5	14.543	14.506	35.680	21.8
101.0	6	20.281	20.262	35.831	49.5
51.1	7	25.120	25.109	36.184	186.5
3.9	8	26.062	26.061	36.205	212.4

Redsox-1 Station 162
Latitude: 10 55.83 N
Longitude: 044 59.99 E
Date: 02-03-2001
Time: 1323 GMT

Rsx1-162

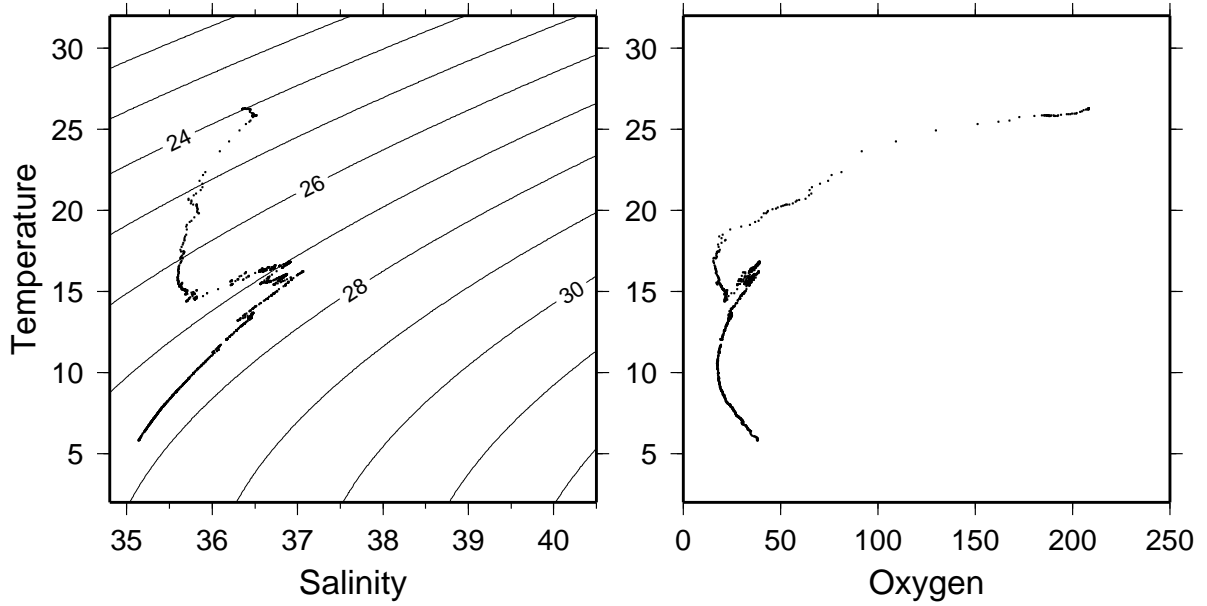
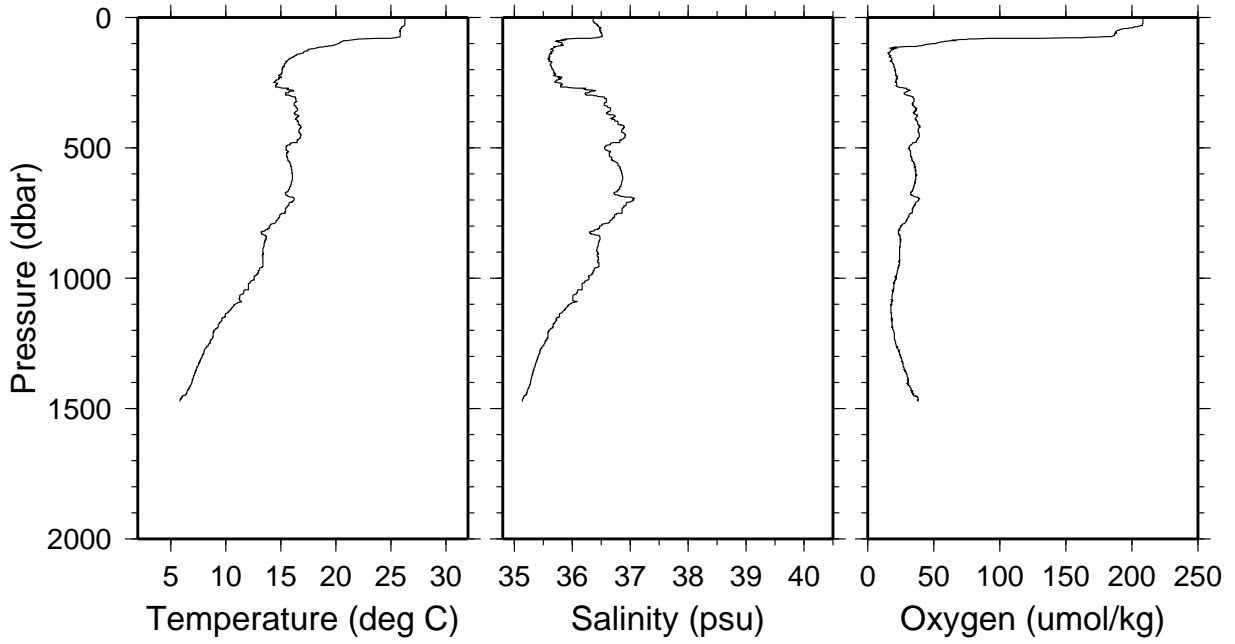


Redsox-1 **Station 163**
Latitude: 11° 7.55 N
Longitude: 044° 59.92 E
Date: 02-03-2001 1536 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.264	26.262	36.357	208.3	23.975
20	26.276	26.271	36.383	208.3	23.992
30	26.232	26.225	36.445	207.8	24.053
40	25.940	25.931	36.485	198.8	24.176
50	25.845	25.834	36.486	189.0	24.207
60	25.847	25.834	36.506	187.7	24.222
70	25.857	25.842	36.517	185.6	24.228
80	24.255	24.238	36.199	109.1	24.478
90	20.707	20.690	35.725	62.9	25.130
100	20.242	20.223	35.819	50.2	25.327
110	19.270	19.251	35.738	36.9	25.521
120	17.906	17.885	35.655	17.9	25.802
130	17.214	17.192	35.646	17.1	25.964
140	16.619	16.596	35.613	16.1	26.080
150	16.204	16.180	35.605	16.9	26.171
160	15.764	15.739	35.598	18.4	26.267
170	15.514	15.487	35.642	18.0	26.358
180	15.328	15.300	35.618	19.4	26.382
190	15.191	15.161	35.641	20.1	26.431
200	15.133	15.102	35.671	20.6	26.467
250	14.429	14.392	35.719	21.6	26.660
300	15.841	15.794	36.399	31.5	26.872
350	16.503	16.446	36.664	36.6	26.924
400	16.579	16.513	36.788	37.7	27.004
450	16.817	16.742	36.915	39.1	27.047
500	15.470	15.392	36.563	31.3	27.090
550	15.721	15.633	36.725	34.0	27.160
600	16.037	15.940	36.863	36.5	27.196
650	15.834	15.729	36.824	34.7	27.214
700	16.203	16.088	37.056	38.7	27.309
750	15.384	15.265	36.853	33.0	27.342
800	13.977	13.857	36.484	25.3	27.365
900	13.376	13.245	36.433	24.1	27.454
1000	12.597	12.457	36.286	21.3	27.499
1250	8.513	8.372	35.526	21.0	27.630

Redsox-1 Station 163
Latitude: 11 07.55 N
Longitude: 044 59.92 E
Date: 02-03-2001
Time: 1536 GMT

Rsx1-163



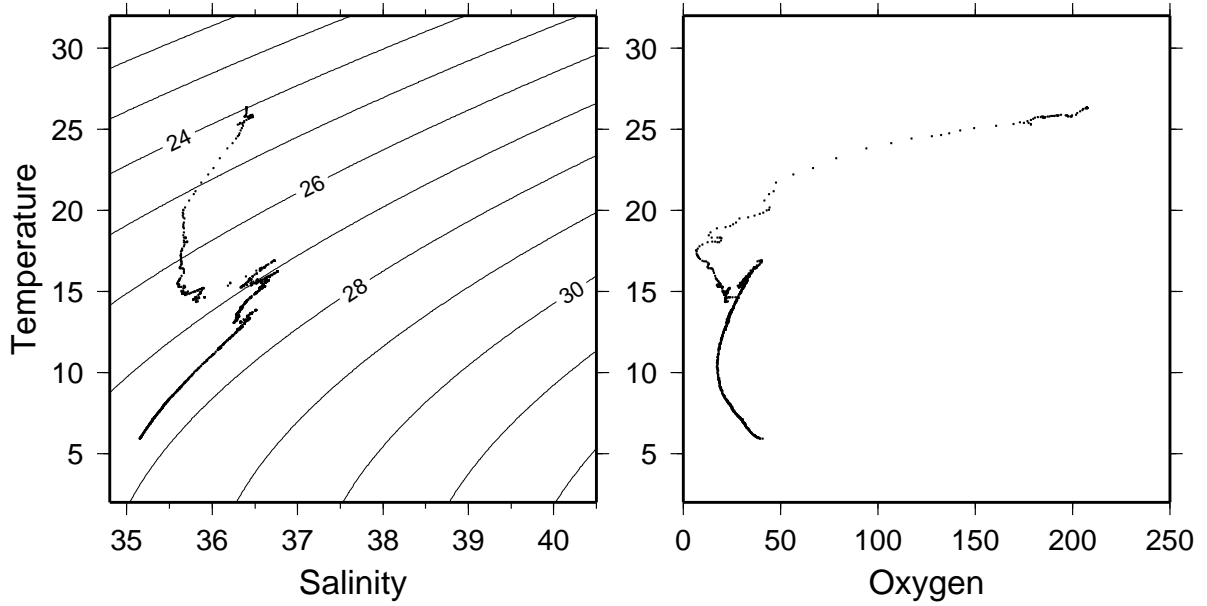
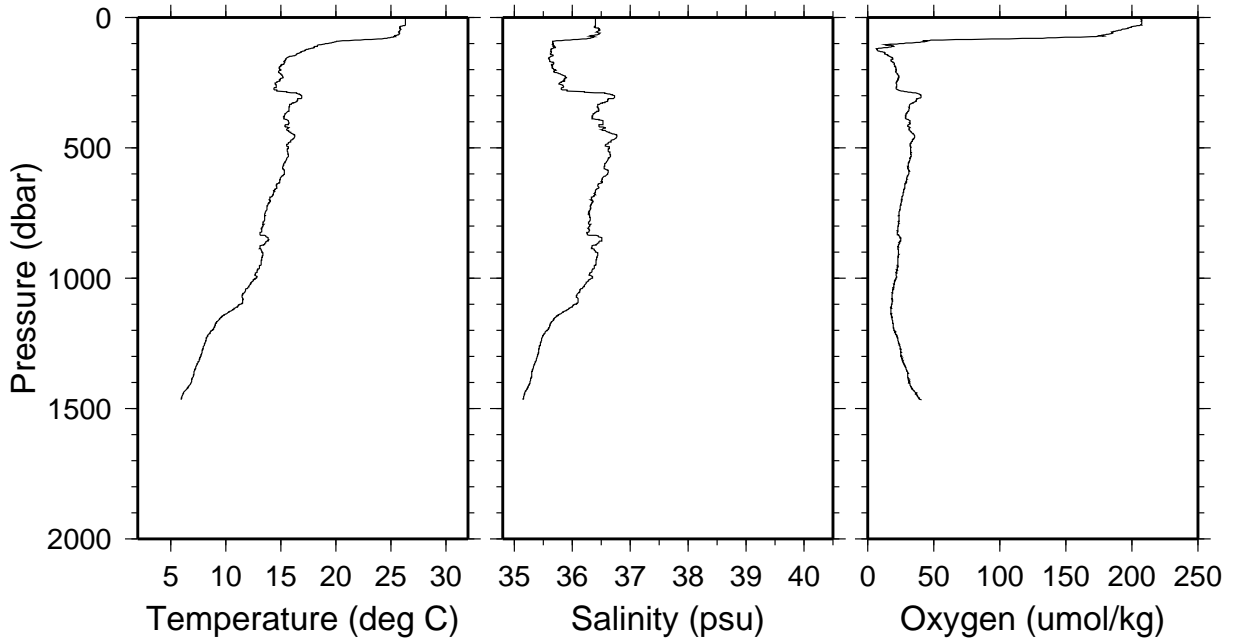
Redsox-1 **Station 164**
Latitude: 11° 18.57 N
Longitude: 044° 59.96 E
Date: 02-03-2001 1739 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.316	26.314	36.400	207.4	23.991
20	26.318	26.314	36.400	207.3	23.991
30	26.249	26.242	36.401	205.5	24.015
40	25.837	25.828	36.439	197.5	24.173
50	25.826	25.815	36.464	189.8	24.196
60	25.766	25.753	36.467	185.4	24.218
70	25.292	25.276	36.302	178.7	24.241
80	24.567	24.550	36.298	127.8	24.459
90	20.608	20.590	35.732	41.6	25.163
100	19.133	19.115	35.662	25.6	25.498
110	18.292	18.273	35.690	19.6	25.733
120	17.547	17.527	35.645	6.9	25.883
130	17.011	16.990	35.637	8.6	26.005
140	16.465	16.442	35.621	12.7	26.123
150	15.753	15.730	35.619	16.9	26.286
160	15.455	15.430	35.599	19.1	26.338
170	15.277	15.251	35.621	18.4	26.395
180	15.183	15.156	35.661	20.0	26.447
190	14.891	14.862	35.648	21.0	26.503
200	14.922	14.892	35.685	21.7	26.524
250	14.607	14.570	35.797	21.7	26.681
300	16.897	16.847	36.731	40.2	26.881
350	15.760	15.704	36.455	31.3	26.936
400	15.707	15.644	36.528	31.9	27.006
450	16.226	16.152	36.762	35.3	27.068
500	15.678	15.598	36.641	32.6	27.103
550	15.443	15.356	36.602	31.6	27.128
600	15.299	15.204	36.612	31.1	27.170
650	14.634	14.535	36.455	28.1	27.197
700	13.980	13.876	36.326	25.7	27.239
750	13.568	13.458	36.283	23.5	27.293
800	13.356	13.240	36.296	23.1	27.348
900	13.249	13.119	36.396	23.4	27.451
1000	12.719	12.577	36.332	21.5	27.511
1250	8.085	7.949	35.451	23.8	27.636

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1466.2	1	5.926	5.787	35.163	40.7
849.8	2	13.849	13.723	36.513	25.0
651.4	3	14.560	14.461	36.440	29.1
451.4	4	16.245	16.171	36.761	34.5
300.8	5	16.542	16.493	36.601	37.8
101.6	6	19.103	19.085	35.669	23.2
50.6	7	25.873	25.862	36.484	188.9
4.4	8	26.288	26.287	36.396	205.8

Redsox-1 Station 164
Latitude: 11 18.57 N
Longitude: 044 59.96 E
Date: 02-03-2001
Time: 1739 GMT

Rsx1-164

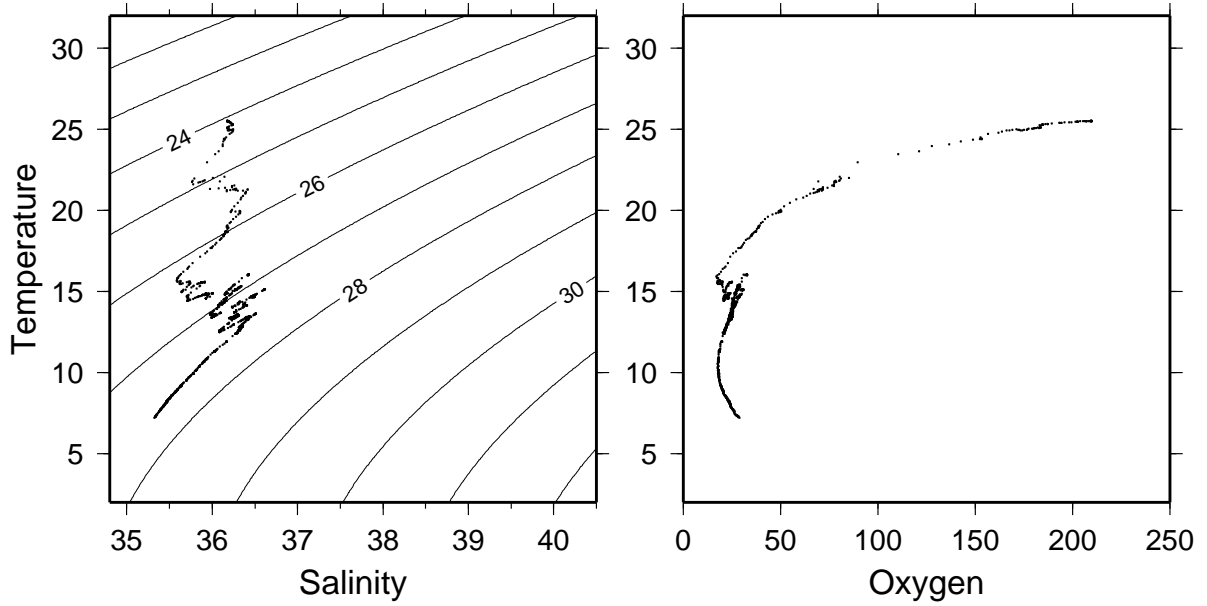
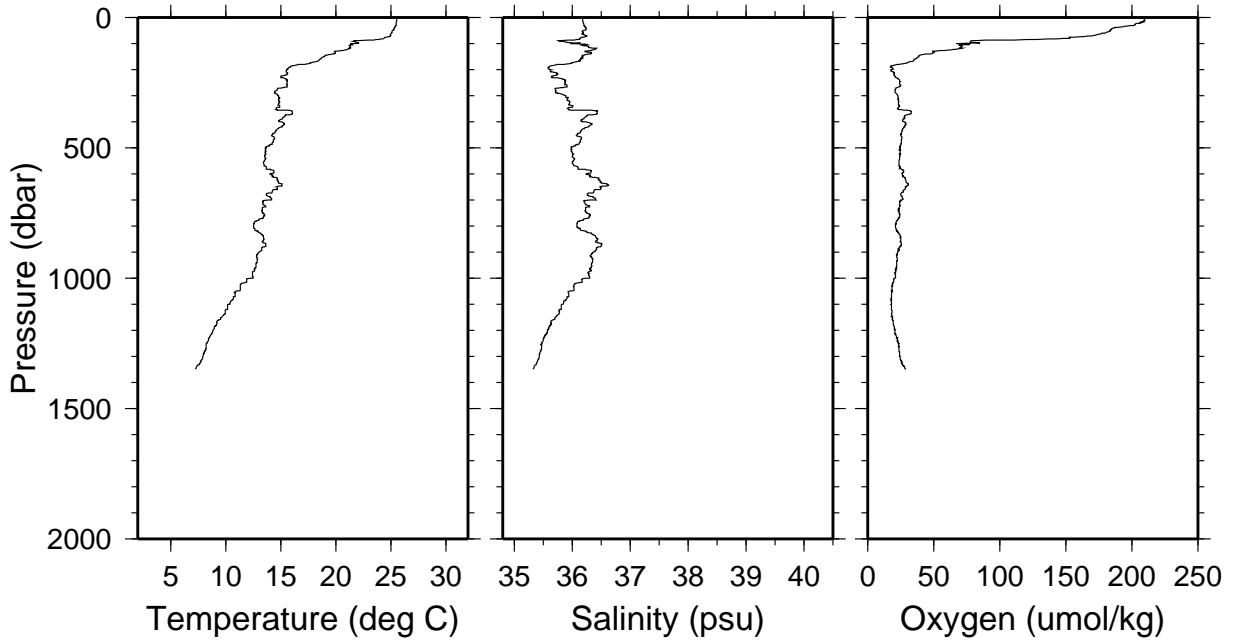


Redsox-1 **Station 165**
Latitude: 10° 57.47 N
Longitude: 045° 29.90 E
Date: 02-03-2001 2241 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.514	25.512	36.179	209.8	24.075
20	25.493	25.488	36.187	206.8	24.089
30	25.459	25.452	36.199	201.4	24.109
40	25.311	25.302	36.234	187.3	24.181
50	25.177	25.167	36.201	183.4	24.198
60	25.037	25.024	36.188	179.1	24.232
70	24.969	24.954	36.239	169.1	24.292
80	24.375	24.358	36.141	152.3	24.398
90	21.738	21.720	35.762	78.6	24.875
100	21.316	21.297	35.974	67.1	25.154
110	21.307	21.286	36.266	71.6	25.380
120	21.150	21.127	36.392	68.6	25.519
130	19.951	19.927	36.223	49.2	25.714
140	19.765	19.739	36.305	45.8	25.827
150	18.942	18.915	36.183	38.6	25.947
160	18.531	18.503	36.144	35.5	26.023
170	18.193	18.164	36.086	32.1	26.064
180	16.733	16.703	35.769	22.8	26.175
190	15.818	15.788	35.596	17.6	26.255
200	15.634	15.602	35.629	17.7	26.322
250	15.564	15.525	35.876	24.3	26.531
300	14.789	14.744	35.890	22.8	26.715
350	14.568	14.516	35.926	23.1	26.792
400	14.896	14.835	36.185	27.5	26.923
450	14.241	14.174	36.087	25.0	26.990
500	13.623	13.551	35.980	24.3	27.039
550	13.506	13.427	36.019	23.7	27.095
600	14.017	13.928	36.237	25.8	27.159
650	14.681	14.581	36.496	28.7	27.219
700	14.155	14.050	36.406	24.9	27.264
750	13.344	13.235	36.247	23.7	27.312
800	12.524	12.412	36.083	21.1	27.350
900	13.017	12.888	36.360	22.7	27.469
1000	12.447	12.308	36.295	20.1	27.536
1250	8.247	8.109	35.470	23.1	27.626

Redsox-1 Station 165
Latitude: 10 57.47 N
Longitude: 045 29.90 E
Date: 02-03-2001
Time: 2241 GMT

Rsx1-165



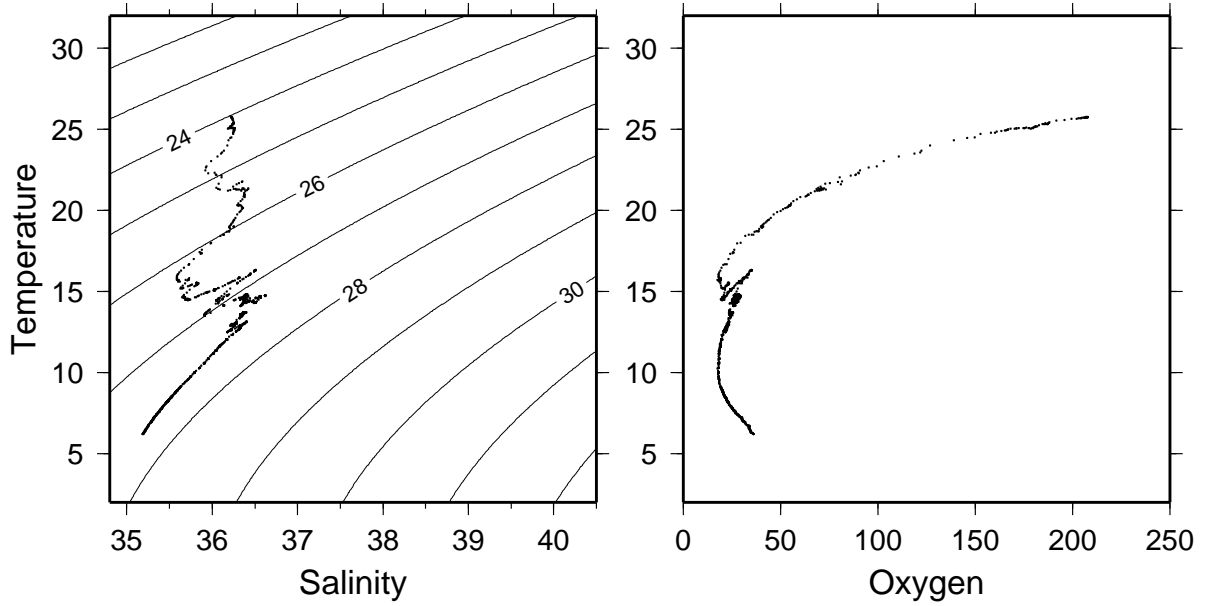
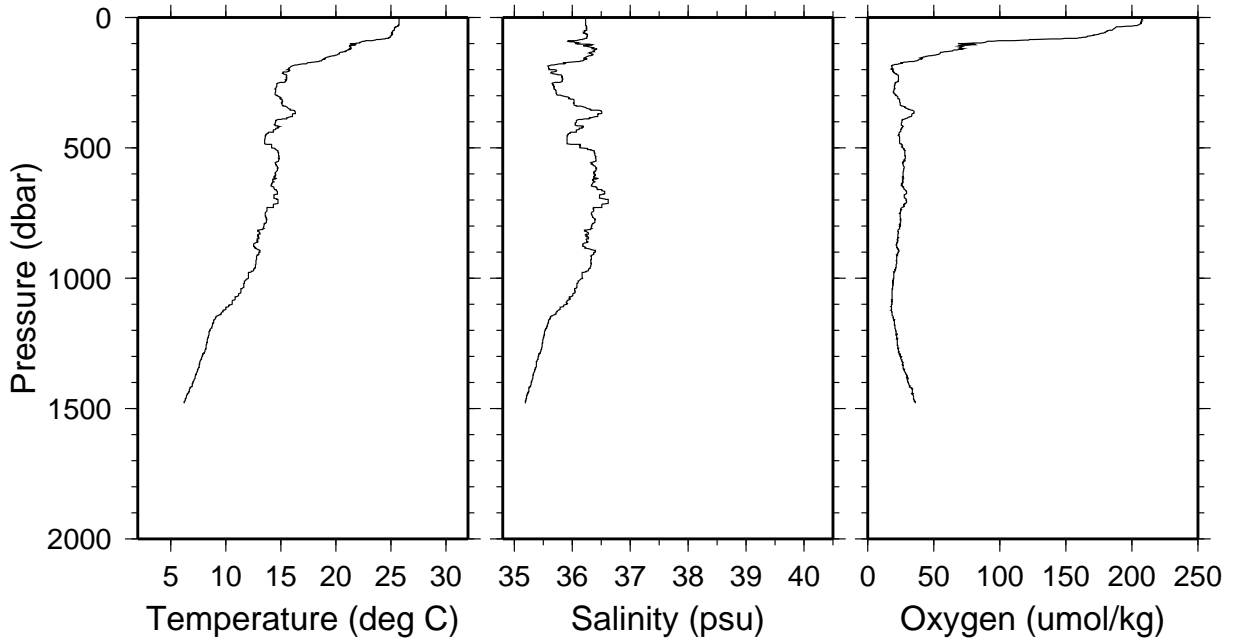
Redsox-1 **Station 166**
Latitude: 11° 2.34 N
Longitude: 045° 29.96 E
Date: 03-03-2001 0018 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.743	25.741	36.228	207.5	24.041
20	25.734	25.730	36.228	206.8	24.045
30	25.685	25.678	36.233	204.0	24.064
40	25.333	25.324	36.239	187.2	24.178
50	25.267	25.256	36.229	182.9	24.192
60	25.054	25.041	36.202	177.7	24.237
70	25.023	25.008	36.256	168.1	24.288
80	24.701	24.684	36.245	152.7	24.379
90	22.702	22.684	35.933	99.3	24.733
100	21.382	21.362	36.047	69.4	25.192
110	21.330	21.308	36.255	71.9	25.365
120	21.279	21.256	36.380	71.8	25.475
130	20.865	20.840	36.369	62.9	25.581
140	20.291	20.265	36.338	54.3	25.712
150	19.377	19.350	36.252	43.5	25.888
160	18.982	18.954	36.250	39.9	25.989
170	18.416	18.386	36.094	31.8	26.014
180	16.664	16.635	35.731	21.5	26.162
190	15.842	15.812	35.587	18.4	26.242
200	15.610	15.579	35.622	19.1	26.322
250	14.936	14.898	35.700	21.1	26.534
300	14.700	14.655	35.828	21.8	26.687
350	15.793	15.738	36.299	30.4	26.808
400	14.533	14.473	36.069	25.8	26.912
450	13.635	13.570	35.920	23.5	26.989
500	14.143	14.069	36.132	26.9	27.048
550	14.789	14.705	36.406	27.7	27.122
600	14.532	14.441	36.391	26.8	27.168
650	14.328	14.230	36.408	26.9	27.227
700	14.746	14.638	36.622	29.3	27.304
750	13.565	13.455	36.327	24.3	27.328
800	13.453	13.337	36.335	24.4	27.359
900	13.059	12.930	36.385	23.0	27.481
1000	12.051	11.915	36.176	19.7	27.519
1250	8.256	8.118	35.483	22.5	27.635

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1479.4	1	6.217	6.074	35.207	35.8
1253.7	2	8.238	8.100	35.477	22.3
899.5	3	13.127	12.998	36.398	23.0
707.4	4	14.714	14.605	36.610	27.9
469.1	5	13.567	13.499	35.916	23.3
369.3	6	16.219	16.159	36.491	33.6

Redsox-1 Station 166
Latitude: 11 02.34 N
Longitude: 045 29.96 E
Date: 03-03-2001
Time: 0018 GMT

Rsx1-166

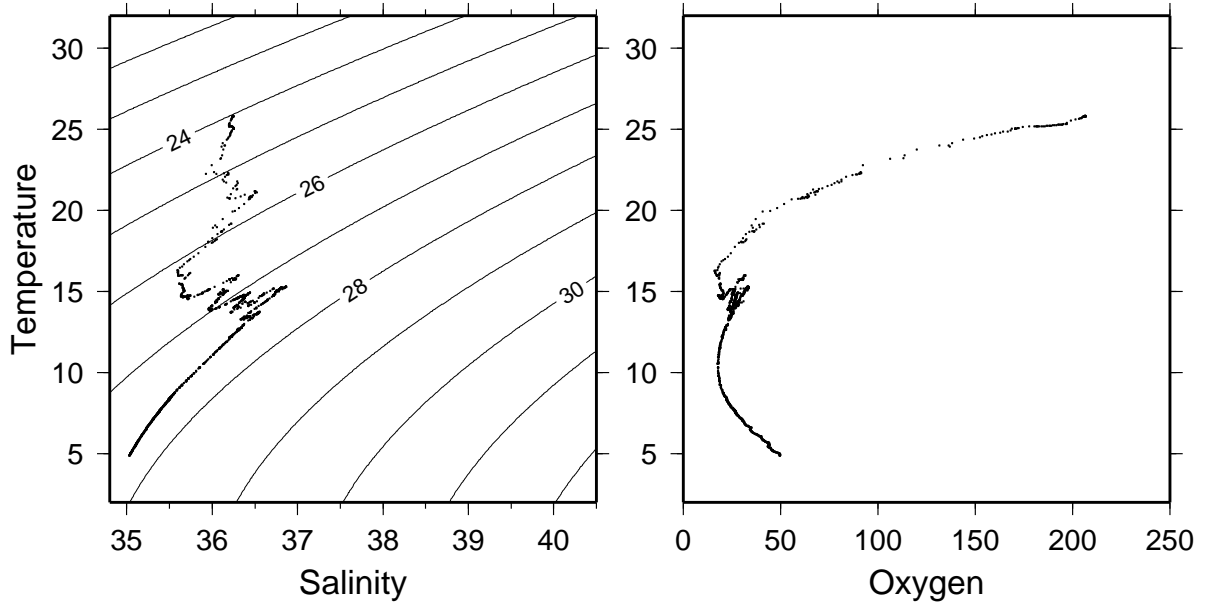
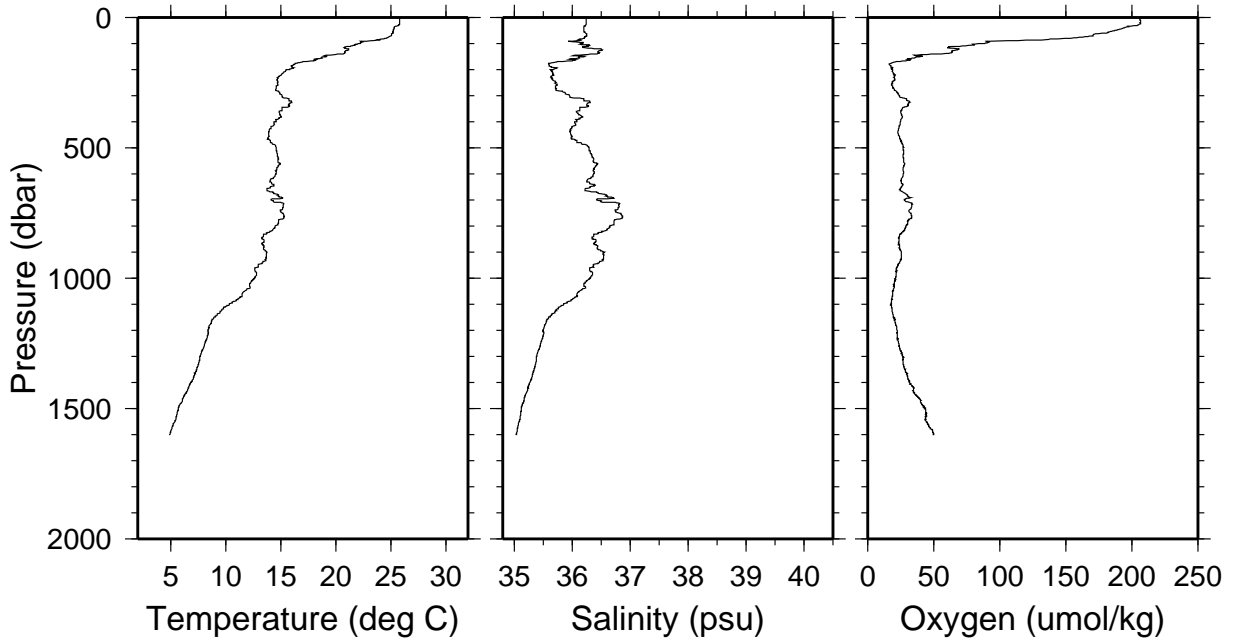


Redsox-1 **Station 167**
Latitude: 11° 8.65 N
Longitude: 045° 29.96 E
Date: 03-03-2001 0209 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.805	25.802	36.243	206.3	24.033
20	25.799	25.794	36.242	206.4	24.035
30	25.667	25.660	36.230	204.0	24.068
40	25.288	25.279	36.197	194.1	24.160
50	25.211	25.200	36.197	187.3	24.185
60	25.182	25.169	36.228	180.2	24.218
70	25.024	25.008	36.250	170.4	24.284
80	24.490	24.473	36.190	152.3	24.401
90	23.193	23.174	36.096	106.3	24.714
100	22.173	22.153	36.174	87.0	25.067
110	21.321	21.300	36.290	69.7	25.394
120	21.177	21.154	36.497	69.2	25.592
130	20.833	20.808	36.445	63.6	25.647
140	20.380	20.353	36.376	51.7	25.717
150	19.118	19.091	36.196	39.0	25.912
160	18.050	18.022	35.951	29.9	25.995
170	16.988	16.960	35.742	21.5	26.093
180	16.213	16.184	35.599	16.3	26.166
190	15.999	15.969	35.643	17.6	26.250
200	15.508	15.477	35.617	18.9	26.342
250	14.686	14.649	35.706	18.6	26.593
300	15.084	15.038	35.949	23.8	26.696
350	15.112	15.058	36.127	26.0	26.828
400	14.457	14.396	36.051	24.6	26.914
450	13.893	13.828	35.982	23.3	26.983
500	14.578	14.502	36.289	26.8	27.076
550	14.733	14.649	36.363	27.1	27.101
600	14.557	14.465	36.369	26.8	27.146
650	14.045	13.948	36.307	25.4	27.208
700	14.119	14.014	36.419	27.7	27.282
750	15.166	15.048	36.821	32.3	27.366
800	14.483	14.360	36.648	28.8	27.384
900	13.674	13.541	36.535	25.6	27.471
1000	12.595	12.455	36.305	21.1	27.514
1250	8.097	7.961	35.456	23.3	27.638
1500	5.687	5.548	35.121	43.5	27.705

Redsox-1 Station 167
Latitude: 11 08.65 N
Longitude: 045 29.96 E
Date: 03-03-2001
Time: 0209 GMT

Rsx1-167



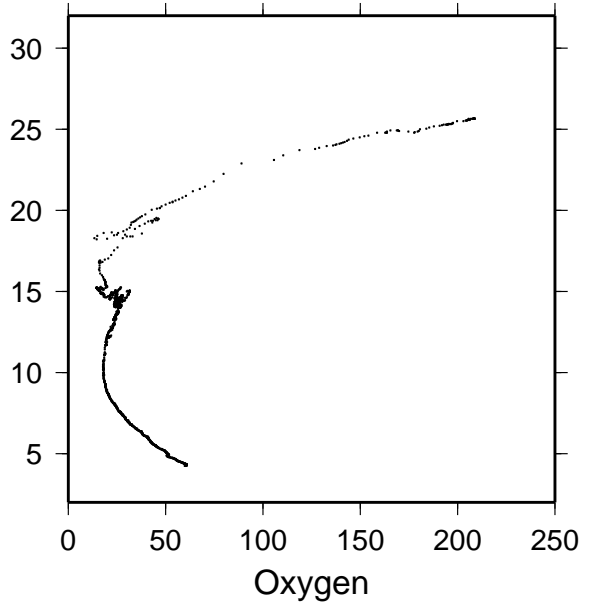
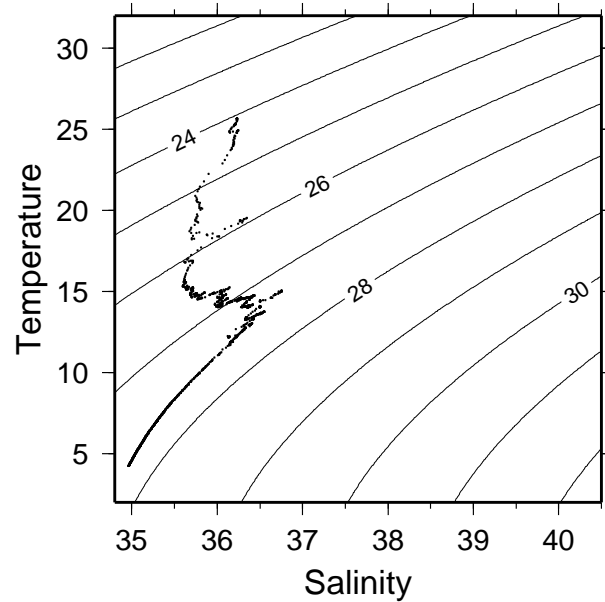
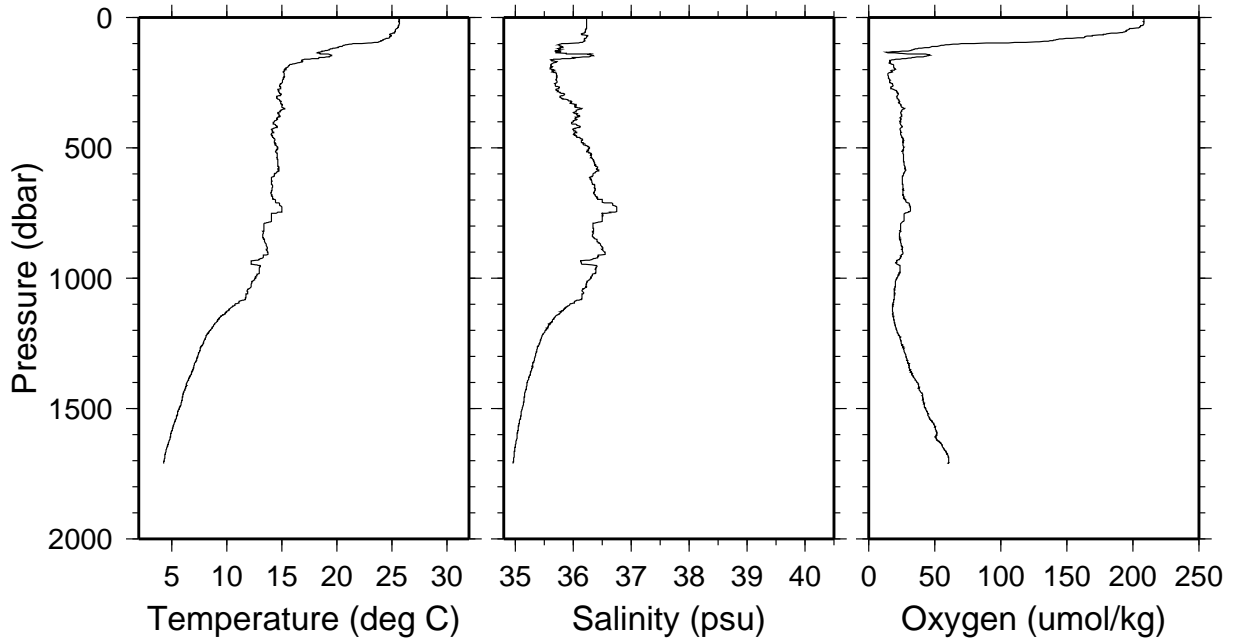
Redsox-1 **Station 168**
Latitude: 11° 18.05 N
Longitude: 045° 29.90 E
Date: 03-03-2001 0430 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.657	25.655	36.234	208.5	24.072
20	25.661	25.657	36.234	208.4	24.071
30	25.647	25.641	36.233	207.0	24.076
40	25.525	25.517	36.235	204.2	24.116
50	25.306	25.295	36.211	195.2	24.166
60	25.116	25.103	36.173	185.6	24.197
70	24.930	24.915	36.247	169.3	24.310
80	24.574	24.557	36.210	152.1	24.390
90	24.023	24.004	36.187	137.3	24.539
100	21.776	21.757	35.843	74.7	24.927
110	20.454	20.433	35.797	52.0	25.254
120	19.516	19.494	35.756	36.0	25.472
130	18.614	18.591	35.694	25.5	25.656
140	18.585	18.560	35.946	37.7	25.857
150	19.307	19.280	36.266	41.2	25.917
160	17.242	17.215	35.698	22.1	25.998
170	16.881	16.852	35.718	16.1	26.101
180	15.775	15.747	35.612	18.2	26.277
190	15.527	15.498	35.628	18.9	26.346
200	15.333	15.302	35.645	19.7	26.402
250	15.037	14.998	35.717	16.1	26.525
300	14.766	14.721	35.808	21.5	26.656
350	15.238	15.184	36.140	26.8	26.811
400	14.340	14.280	36.004	23.8	26.904
450	14.078	14.011	36.025	24.3	26.978
500	14.617	14.541	36.276	26.4	27.058
550	14.628	14.544	36.353	26.5	27.116
600	14.341	14.251	36.343	26.4	27.172
650	14.146	14.049	36.372	25.9	27.238
700	14.412	14.306	36.501	27.9	27.282
750	14.458	14.344	36.567	27.7	27.325
800	13.362	13.246	36.338	24.1	27.380
900	13.721	13.588	36.541	25.7	27.466
1000	12.597	12.457	36.301	21.3	27.510
1250	7.860	7.726	35.418	24.7	27.644
1500	5.680	5.541	35.120	42.8	27.705

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1712.3	1	4.238	4.095	34.964	59.4
1078.2	2	11.719	11.574	36.143	18.8
913.1	3	13.325	13.192	36.432	24.4
741.4	4	15.018	14.902	36.749	31.0
592.3	5	14.486	14.396	36.377	26.7
148.9	6	18.797	18.770	36.125	35.6
2.9	7	25.650	25.649	36.231	212.2

Redsox-1 Station 168
Latitude: 11 18.05 N
Longitude: 045 29.90 E
Date: 03-03-2001
Time: 0430 GMT

Rsx1-168

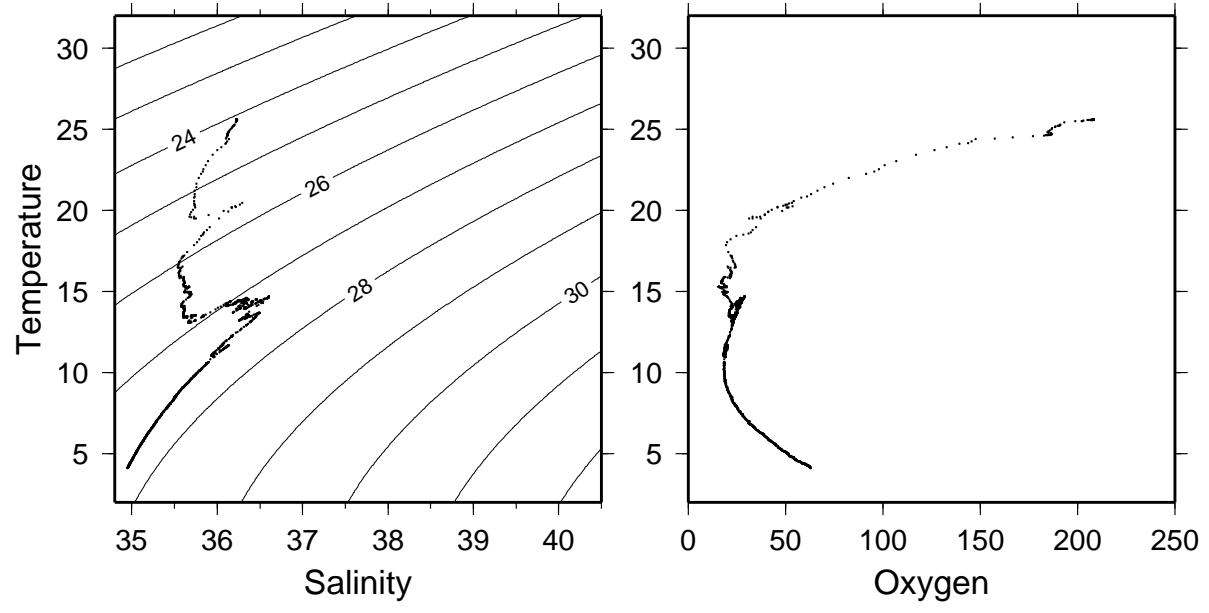
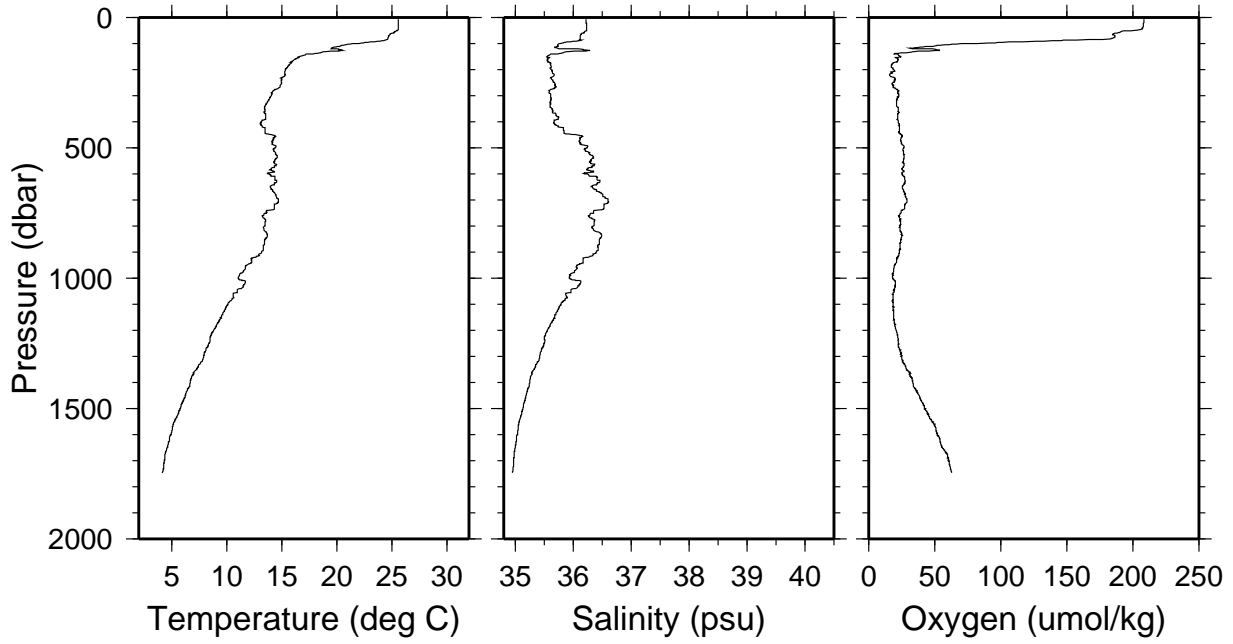


Redsox-1 **Station 169**
Latitude: 11° 30.07 N
Longitude: 045° 30.00 E
Date: 03-03-2001 0634 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.591	25.589	36.224	208.3	24.085
20	25.592	25.588	36.225	208.3	24.086
30	25.590	25.583	36.226	207.9	24.088
40	25.587	25.578	36.228	207.4	24.091
50	25.498	25.487	36.227	202.2	24.119
60	25.080	25.067	36.168	187.0	24.204
70	24.717	24.702	36.122	186.2	24.280
80	24.644	24.627	36.121	184.2	24.302
90	24.105	24.086	36.099	139.2	24.448
100	21.625	21.605	35.757	74.3	24.904
110	20.272	20.252	35.739	48.8	25.259
120	19.703	19.681	35.902	39.2	25.534
130	19.499	19.475	36.020	37.3	25.678
140	17.442	17.419	35.648	20.6	25.911
150	16.579	16.555	35.540	24.3	26.034
160	16.198	16.173	35.554	22.3	26.134
170	15.898	15.871	35.563	21.7	26.211
180	15.686	15.657	35.608	17.5	26.293
190	15.535	15.506	35.618	17.1	26.336
200	15.325	15.295	35.620	18.6	26.385
250	14.973	14.935	35.670	18.3	26.503
300	14.049	14.005	35.610	23.0	26.658
350	13.443	13.394	35.635	22.3	26.804
400	13.164	13.108	35.671	22.4	26.891
450	14.072	14.005	36.039	24.8	26.990
500	14.372	14.297	36.230	26.5	27.075
550	14.376	14.293	36.308	26.2	27.136
600	13.814	13.726	36.225	25.2	27.193
650	13.954	13.858	36.330	25.5	27.246
700	14.664	14.557	36.604	28.9	27.307
750	13.599	13.489	36.353	24.1	27.341
800	13.434	13.317	36.344	23.7	27.370
900	13.161	13.031	36.396	23.0	27.468
1000	11.026	10.897	35.930	18.2	27.519
1250	8.392	8.253	35.496	22.3	27.625
1500	5.766	5.625	35.129	42.4	27.702

Redsox-1 Station 169
Latitude: 11 30.07 N
Longitude: 045 30.00 E
Date: 03-03-2001
Time: 0634 GMT

Rsx1-169



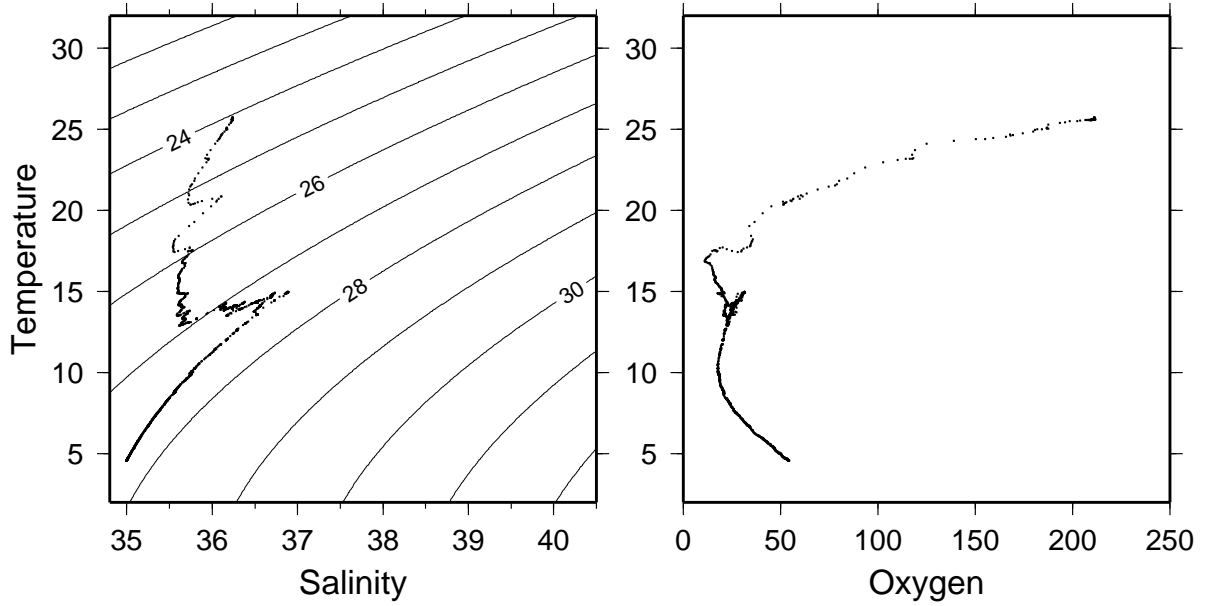
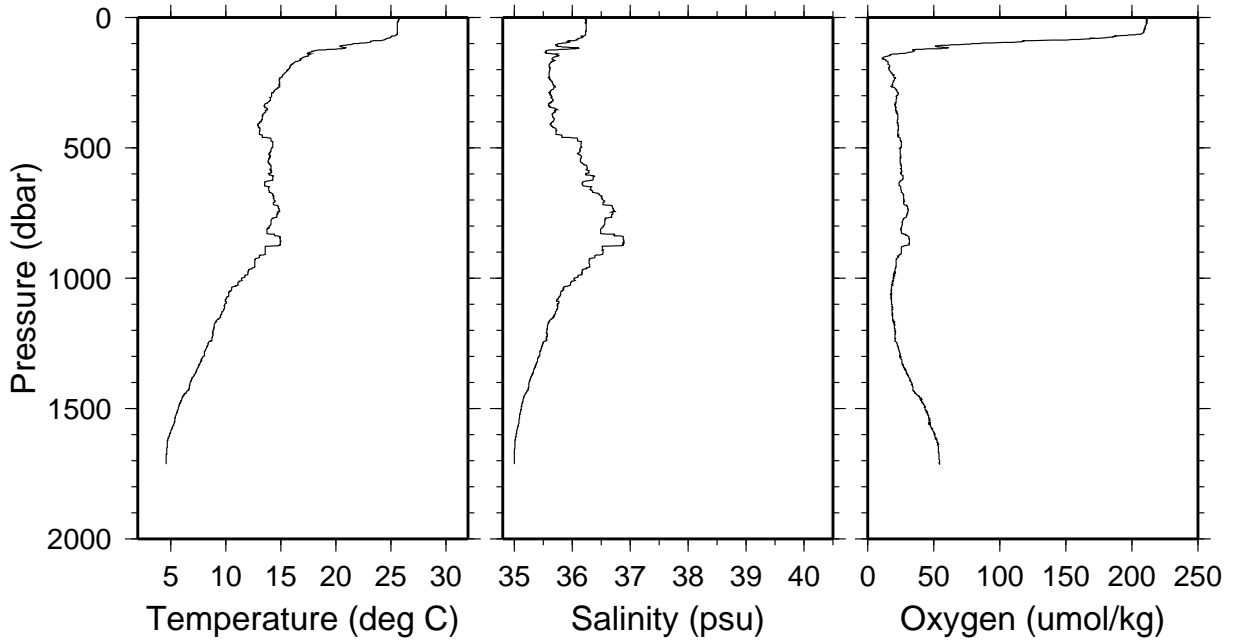
Redsox-1 **Station 170**
Latitude: 11° 42.04 N
Longitude: 045° 29.98 E
Date: 03-03-2001 0905 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.680	25.677	36.235	211.3	24.066
20	25.598	25.593	36.235	211.1	24.092
30	25.590	25.583	36.235	210.3	24.096
40	25.588	25.579	36.235	209.7	24.097
50	25.580	25.569	36.235	209.2	24.100
60	25.569	25.556	36.235	208.3	24.104
70	25.302	25.286	36.199	187.6	24.160
80	24.678	24.660	36.109	167.9	24.283
90	23.418	23.399	35.942	117.5	24.532
100	21.838	21.818	35.788	80.1	24.868
110	20.370	20.350	35.752	51.5	25.243
120	20.536	20.514	36.049	51.3	25.424
130	17.851	17.829	35.546	34.6	25.733
140	17.697	17.673	35.735	20.2	25.916
150	17.185	17.160	35.708	13.3	26.019
160	16.791	16.764	35.646	12.1	26.066
170	16.315	16.288	35.644	15.2	26.176
180	16.018	15.989	35.608	15.7	26.218
190	15.834	15.804	35.611	16.4	26.263
200	15.659	15.627	35.613	16.4	26.304
250	14.871	14.833	35.659	19.1	26.517
300	14.166	14.122	35.640	22.0	26.656
350	13.752	13.702	35.706	21.2	26.795
400	13.157	13.101	35.663	22.6	26.887
450	13.114	13.051	35.750	23.0	26.964
500	14.199	14.125	36.147	24.6	27.047
550	13.831	13.751	36.136	24.5	27.118
600	13.920	13.832	36.233	25.1	27.176
650	13.944	13.848	36.329	25.2	27.247
700	14.388	14.282	36.526	27.3	27.307
750	14.715	14.600	36.703	30.1	27.374
800	13.964	13.845	36.532	25.8	27.405
900	13.589	13.456	36.532	25.4	27.486
1000	11.453	11.321	36.037	19.4	27.524
1250	8.404	8.265	35.494	22.1	27.621
1500	5.680	5.540	35.119	43.4	27.705

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1713.7	1	4.573	4.426	35.003	54.9
865.2	2	14.999	14.863	36.896	31.0
754.1	3	14.712	14.596	36.700	29.4
650.4	4	13.898	13.802	36.316	24.8
495.7	5	14.250	14.176	36.147	36.1
98.2	6	22.228	22.208	35.841	87.1
50.1	7	25.587	25.576	36.235	208.2
2.0	8	25.724	25.724	36.234	212.3

Redsox-1 Station 170
Latitude: 11 42.04 N
Longitude: 045 29.98 E
Date: 03-03-2001
Time: 0905 GMT

Rsx1-170

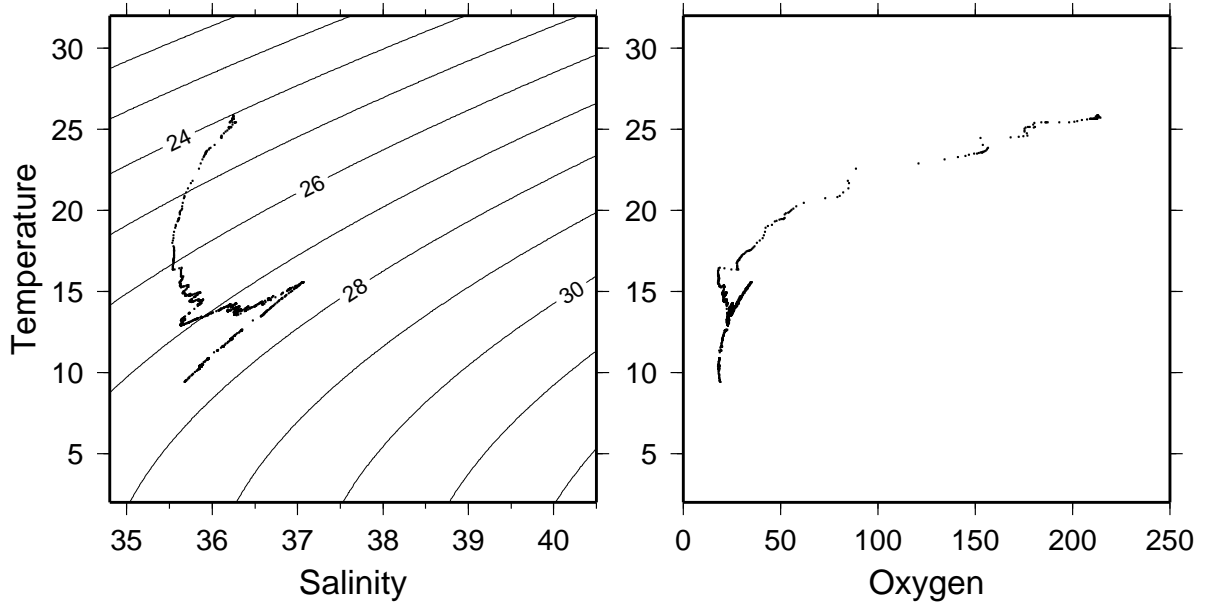
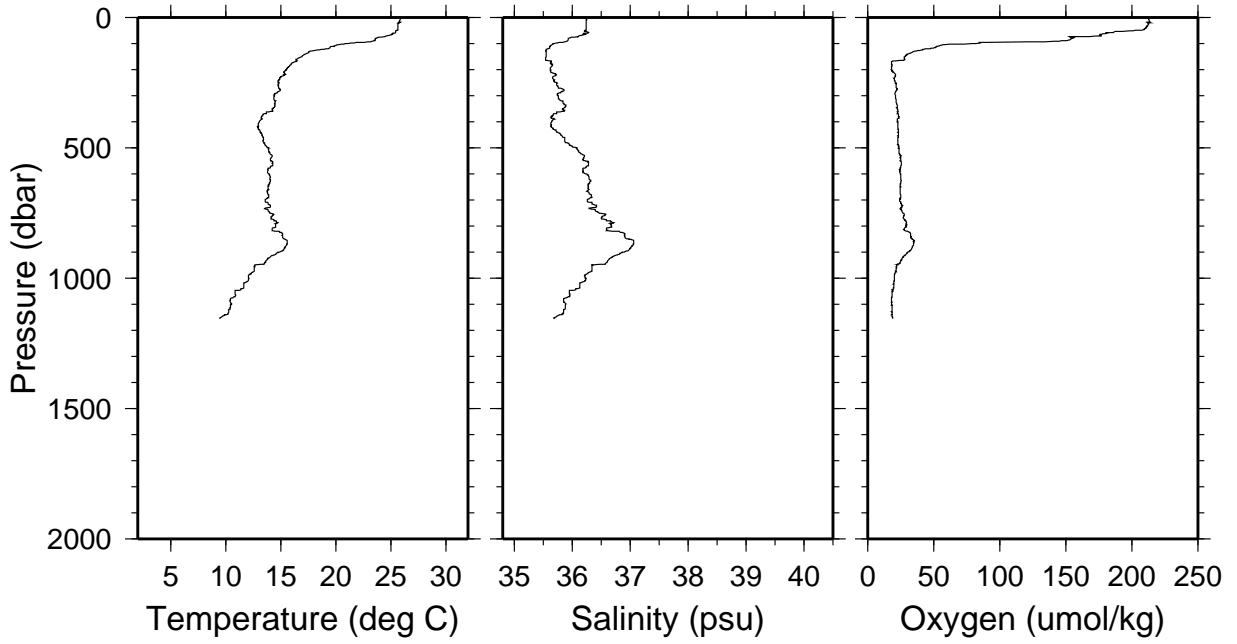


Redsox-1 **Station 171**
Latitude: 11° 53.61 N
Longitude: 045° 30.02 E
Date: 03-03-2001 1120 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.818	25.816	36.245	212.6	24.030
20	25.762	25.758	36.244	213.4	24.048
30	25.650	25.644	36.242	211.8	24.082
40	25.645	25.636	36.243	210.6	24.085
50	25.514	25.503	36.219	202.5	24.108
60	25.274	25.261	36.236	179.9	24.196
70	24.603	24.588	36.112	176.9	24.307
80	23.634	23.617	35.934	154.6	24.462
90	23.445	23.426	35.916	146.6	24.504
100	20.901	20.882	35.678	80.4	25.042
110	19.829	19.809	35.623	52.7	25.288
120	19.111	19.090	35.571	45.7	25.435
130	17.655	17.633	35.553	35.4	25.786
140	17.231	17.207	35.552	30.2	25.888
150	16.904	16.879	35.548	28.1	25.964
160	16.387	16.361	35.541	28.1	26.080
170	16.292	16.264	35.634	17.9	26.175
180	15.926	15.897	35.648	18.2	26.270
190	15.675	15.645	35.634	18.0	26.316
200	15.485	15.454	35.625	18.2	26.353
250	14.826	14.788	35.732	21.2	26.583
300	14.416	14.371	35.758	20.9	26.694
350	14.207	14.156	35.835	22.3	26.800
400	13.048	12.992	35.644	22.6	26.894
450	13.284	13.220	35.804	23.3	26.971
500	13.868	13.795	36.081	23.6	27.066
550	14.131	14.049	36.225	24.9	27.124
600	13.928	13.840	36.247	24.7	27.185
650	13.857	13.761	36.276	24.8	27.225
700	13.577	13.475	36.260	24.3	27.272
750	14.024	13.912	36.466	26.6	27.339
800	14.535	14.413	36.678	29.2	27.396
900	14.799	14.659	36.872	30.5	27.492
1000	12.068	11.931	36.227	20.3	27.556

Redsox-1 Station 171
Latitude: 11 53.61 N
Longitude: 045 30.02 E
Date: 03-03-2001
Time: 1120 GMT

Rsx1-171



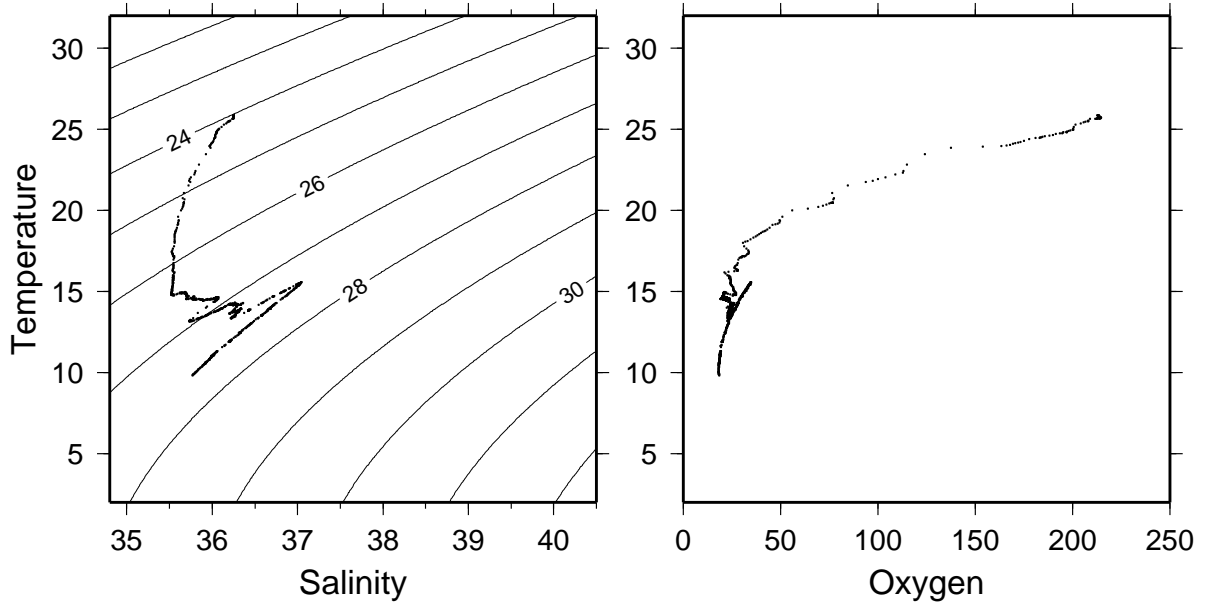
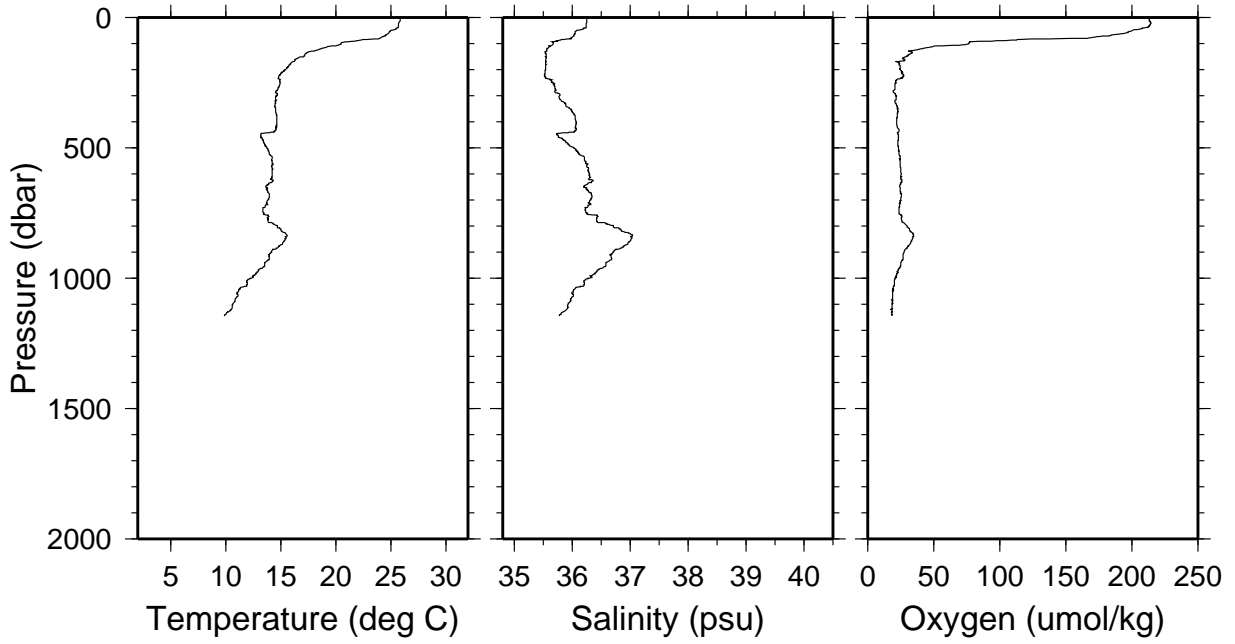
Redsox-1 **Station 172**
Latitude: 11° 58.96 N
Longitude: 045° 29.94 E
Date: 03-03-2001 1401 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.853	25.851	36.251	213.3	24.024
20	25.717	25.712	36.246	214.5	24.063
30	25.674	25.667	36.244	213.6	24.076
40	25.539	25.531	36.210	208.2	24.093
50	24.996	24.985	36.075	200.2	24.159
60	24.774	24.761	36.049	194.8	24.207
70	24.474	24.459	36.031	182.9	24.285
80	23.957	23.940	35.970	163.3	24.394
90	21.833	21.815	35.732	97.4	24.826
100	20.469	20.450	35.670	76.5	25.153
110	19.386	19.366	35.609	49.5	25.392
120	18.665	18.644	35.569	40.8	25.547
130	17.799	17.777	35.552	31.2	25.750
140	17.185	17.162	35.546	31.6	25.895
150	17.055	17.030	35.552	28.8	25.931
160	16.343	16.318	35.540	27.6	26.089
170	16.104	16.076	35.550	21.6	26.153
180	15.825	15.796	35.544	23.6	26.213
190	15.632	15.602	35.542	24.4	26.255
200	15.406	15.375	35.538	24.7	26.303
250	14.913	14.875	35.660	21.3	26.508
300	14.592	14.546	35.779	21.3	26.673
350	14.509	14.456	35.965	22.6	26.836
400	14.651	14.591	36.065	22.0	26.884
450	13.154	13.091	35.737	23.1	26.946
500	13.759	13.686	36.031	23.2	27.050
550	14.199	14.117	36.221	24.6	27.106
600	14.231	14.142	36.297	25.2	27.160
650	13.646	13.551	36.204	24.2	27.213
700	13.848	13.745	36.316	25.0	27.259
750	13.446	13.337	36.253	23.9	27.295
800	14.674	14.550	36.713	29.8	27.393
900	14.108	13.972	36.705	27.7	27.512
1000	12.302	12.163	36.296	20.8	27.564

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1145.8	1	9.836	9.697	35.775	20.6
857.0	2	15.213	15.077	36.982	32.0
649.5	3	13.641	13.546	36.212	23.8
400.4	4	14.655	14.594	36.065	21.8
215.0	5	14.982	14.949	35.530	26.0
100.3	6	20.465	20.446	35.675	73.7
50.1	7	25.173	25.162	36.121	206.3
4.1	8	25.855	25.854	36.251	217.3

Redsox-1 Station 172
Latitude: 11 58.96 N
Longitude: 045 29.94 E
Date: 03-03-2001
Time: 1401 GMT

Rsx1-172

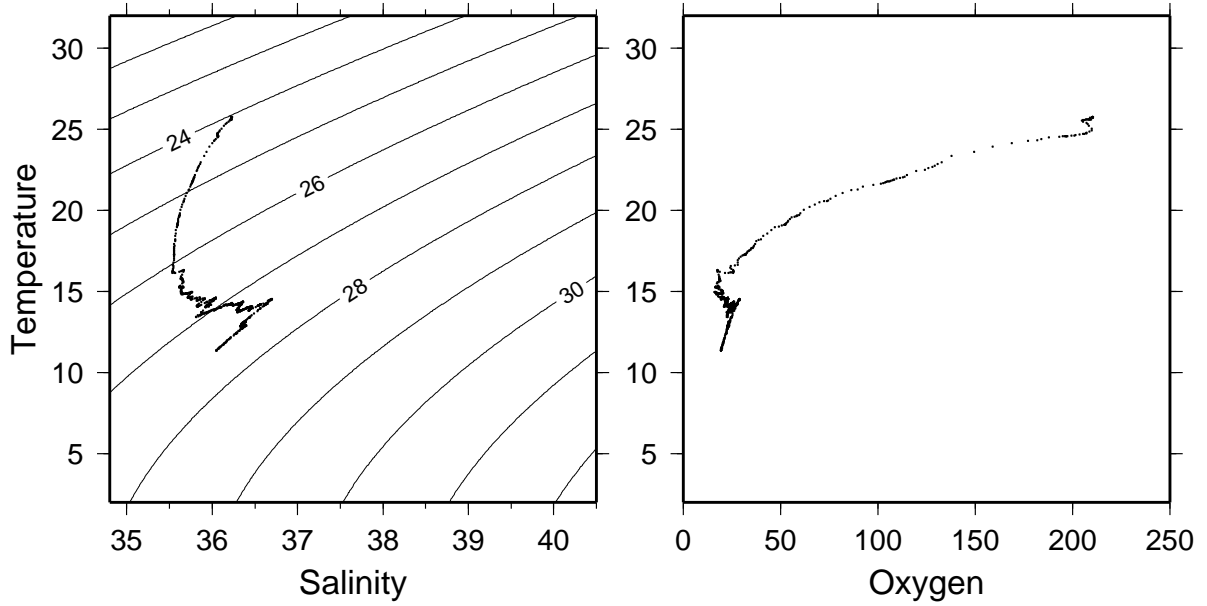
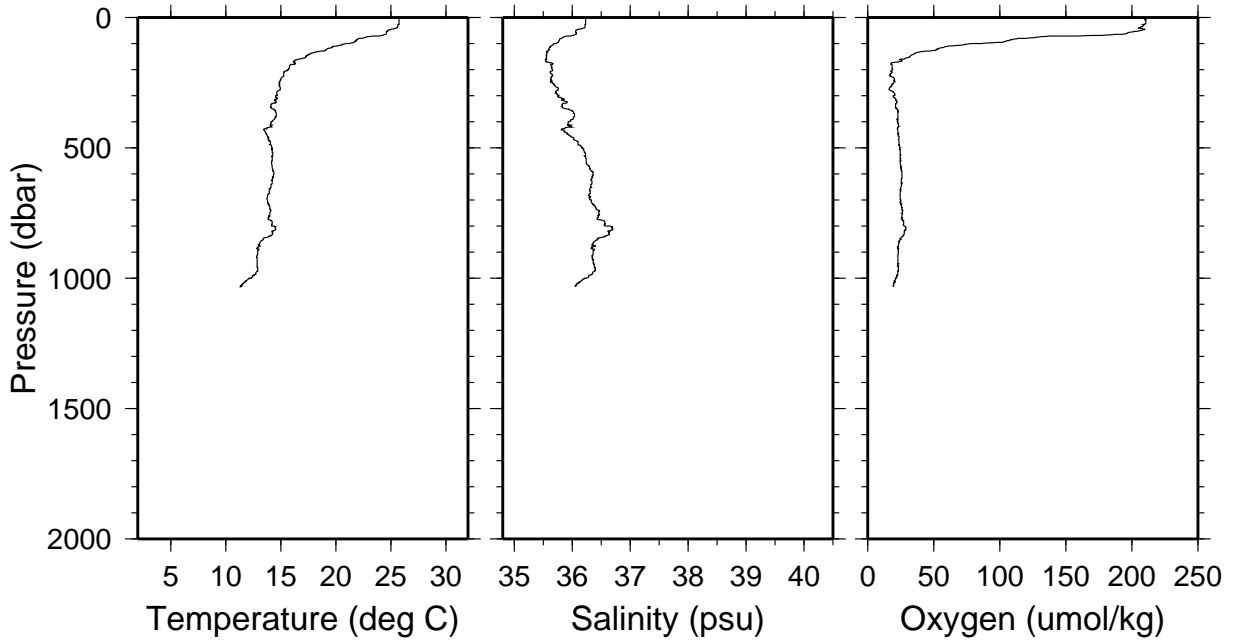


Redsox-1 **Station 173**
Latitude: 12° 7.34 N
Longitude: 045° 29.98 E
Date: 03-03-2001 1555 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.754	25.752	36.228	210.3	24.037
20	25.736	25.732	36.225	210.5	24.042
30	25.619	25.613	36.222	208.9	24.076
40	25.541	25.532	36.207	204.8	24.090
50	24.740	24.729	36.063	206.9	24.227
60	24.564	24.551	36.072	196.6	24.288
70	23.930	23.916	35.970	159.1	24.401
80	22.170	22.154	35.798	114.8	24.781
90	21.782	21.764	35.768	105.4	24.868
100	21.077	21.058	35.705	81.8	25.015
110	19.834	19.814	35.623	60.0	25.286
120	19.219	19.197	35.596	53.0	25.426
130	18.567	18.544	35.571	43.1	25.574
140	17.635	17.611	35.556	34.9	25.794
150	17.271	17.246	35.555	31.8	25.882
160	16.613	16.587	35.541	26.5	26.028
170	16.189	16.161	35.556	24.0	26.138
180	16.041	16.012	35.647	18.1	26.243
190	15.784	15.754	35.648	18.4	26.303
200	15.653	15.621	35.658	19.0	26.340
250	14.816	14.778	35.642	19.9	26.516
300	14.587	14.542	35.757	19.6	26.657
350	14.281	14.229	35.915	22.0	26.845
400	14.130	14.071	35.934	22.6	26.894
450	13.714	13.648	35.937	23.1	26.986
500	14.176	14.102	36.174	24.2	27.073
550	14.184	14.102	36.241	24.7	27.125
600	14.369	14.278	36.360	26.0	27.179
650	14.115	14.018	36.323	25.4	27.206
700	13.784	13.681	36.319	24.8	27.274
750	13.982	13.871	36.458	26.1	27.342
800	14.257	14.136	36.598	27.9	27.394
900	12.906	12.778	36.360	23.1	27.492
1000	12.169	12.032	36.221	21.4	27.532

Redsox-1 Station 173
Latitude: 12 07.34 N
Longitude: 045 29.98 E
Date: 03-03-2001
Time: 1555 GMT

Rsx1-173



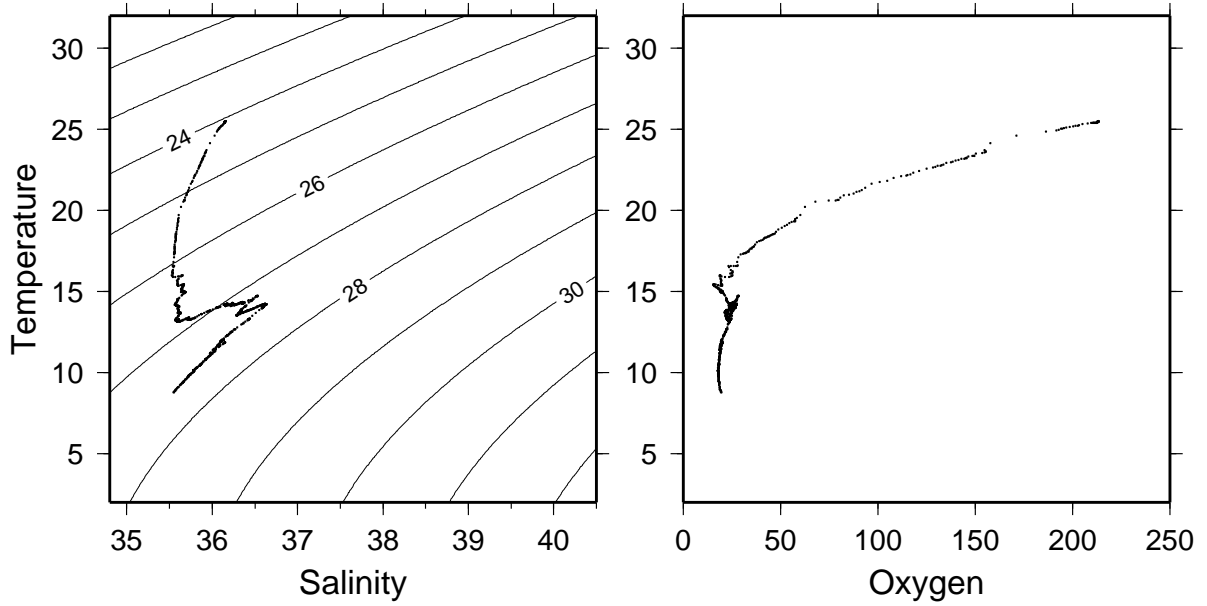
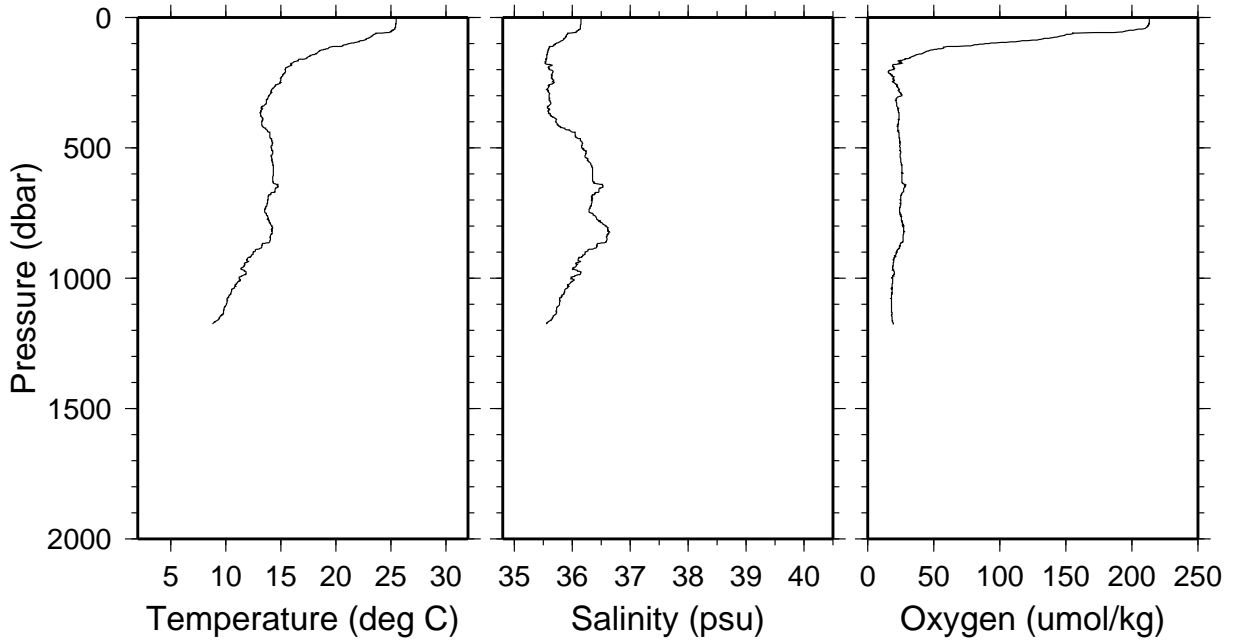
Redsox-1 **Station 174**
 Latitude: 12° 18.03 N
 Longitude: 045° 30.00 E
 Date: 03-03-2001 1749 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.488	25.486	36.153	213.2	24.063
20	25.470	25.466	36.150	213.1	24.068
30	25.408	25.401	36.143	212.3	24.082
40	25.390	25.381	36.143	210.6	24.088
50	25.129	25.118	36.096	198.4	24.133
60	23.703	23.690	35.932	154.9	24.439
70	23.309	23.294	35.900	146.5	24.531
80	22.913	22.897	35.867	135.2	24.621
90	22.219	22.201	35.805	116.5	24.773
100	21.188	21.169	35.717	90.4	24.994
110	20.518	20.498	35.664	68.0	25.136
120	19.204	19.182	35.597	54.4	25.431
130	18.472	18.449	35.576	44.8	25.601
140	18.152	18.128	35.571	40.0	25.678
150	17.478	17.453	35.557	33.5	25.833
160	16.811	16.785	35.545	27.8	25.984
170	16.193	16.166	35.538	25.2	26.124
180	15.946	15.918	35.600	19.7	26.229
190	15.603	15.573	35.595	19.5	26.302
200	15.351	15.320	35.598	19.8	26.362
250	14.947	14.909	35.686	19.9	26.521
300	13.942	13.898	35.603	25.6	26.675
350	13.259	13.210	35.592	23.0	26.809
400	13.258	13.202	35.714	23.1	26.905
450	13.993	13.927	36.052	23.8	27.016
500	14.118	14.043	36.160	24.4	27.075
550	14.193	14.111	36.281	24.9	27.154
600	14.315	14.224	36.354	26.0	27.186
650	14.719	14.620	36.528	28.3	27.235
700	13.802	13.699	36.334	24.9	27.283
750	13.618	13.508	36.330	24.5	27.319
800	14.165	14.044	36.578	26.8	27.398
900	12.498	12.373	36.223	21.6	27.466
1000	11.218	11.087	35.985	18.6	27.527

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1177.1	1	8.758	8.624	35.550	21.5
800.5	2	14.211	14.090	36.596	27.4
650.3	3	14.543	14.444	36.493	27.1
601.1	4	14.318	14.228	36.354	25.3
399.9	5	13.303	13.246	35.724	23.3
100.7	6	21.110	21.091	35.723	88.8
50.6	7	25.083	25.072	36.092	200.7
3.5	8	25.475	25.474	36.155	215.4

Redsox-1 Station 174
Latitude: 12 18.03 N
Longitude: 045 30.00 E
Date: 03-03-2001
Time: 1749 GMT

Rsx1-174

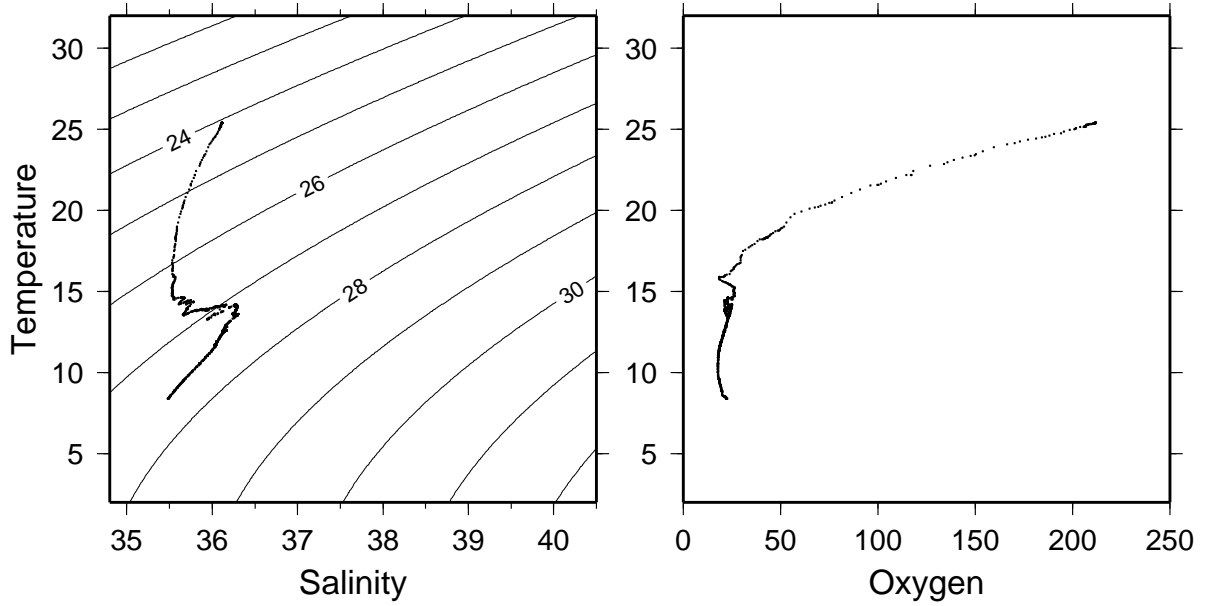
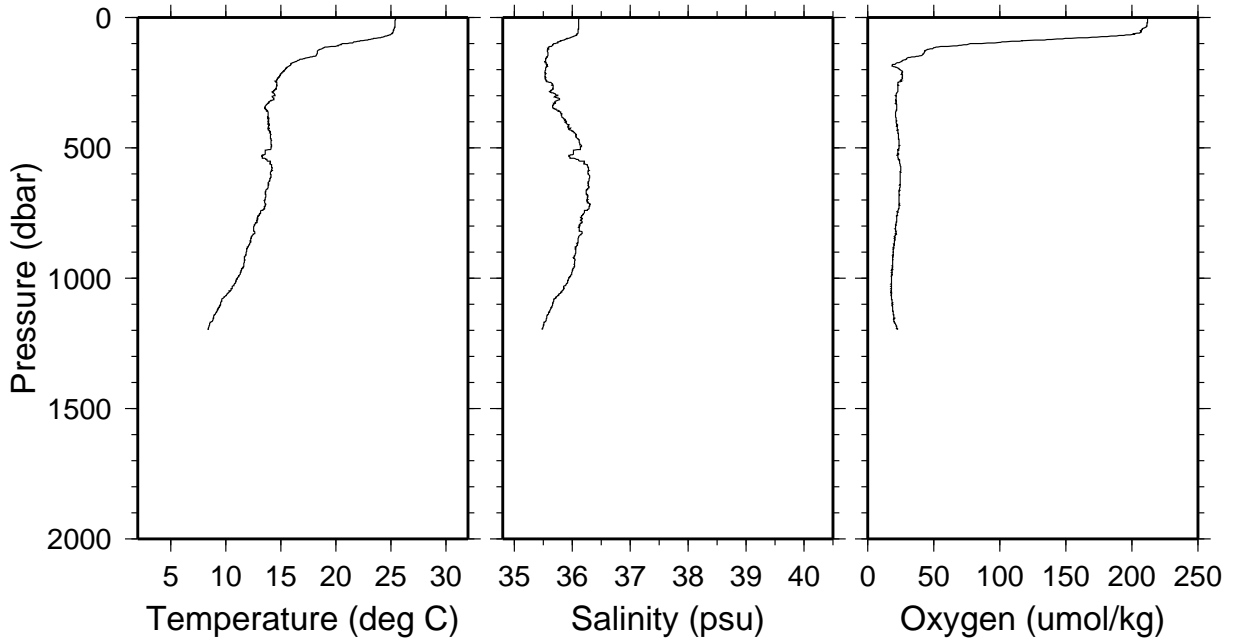


Redsox-1 **Station 175**
Latitude: 12° 30.01 N
Longitude: 045° 29.97 E
Date: 03-03-2001 2003 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.397	25.395	36.114	211.9	24.062
20	25.390	25.385	36.114	211.6	24.065
30	25.372	25.365	36.113	211.5	24.070
40	25.317	25.309	36.108	209.2	24.084
50	25.231	25.220	36.101	207.0	24.107
60	25.147	25.134	36.100	205.5	24.132
70	24.605	24.590	36.042	188.1	24.253
80	23.478	23.461	35.916	150.3	24.494
90	22.190	22.172	35.798	117.2	24.776
100	20.811	20.792	35.692	81.5	25.077
110	19.946	19.926	35.638	60.7	25.268
120	18.758	18.737	35.586	48.5	25.536
130	18.327	18.304	35.574	43.1	25.636
140	18.269	18.245	35.576	41.9	25.652
150	17.857	17.831	35.566	35.4	25.747
160	16.779	16.752	35.535	29.4	25.984
170	16.324	16.297	35.534	25.4	26.090
180	15.896	15.868	35.554	19.7	26.204
190	15.584	15.555	35.552	21.1	26.274
200	15.379	15.348	35.536	24.4	26.308
250	14.632	14.594	35.633	22.9	26.549
300	14.465	14.421	35.747	21.2	26.675
350	13.594	13.544	35.694	22.1	26.819
400	13.897	13.838	35.894	21.6	26.913
450	14.087	14.020	36.067	23.2	27.008
500	14.092	14.018	36.140	23.8	27.065
550	13.790	13.709	36.131	24.0	27.123
600	14.074	13.985	36.276	24.7	27.177
650	13.861	13.765	36.289	24.4	27.234
700	13.523	13.421	36.255	23.8	27.279
750	13.134	13.027	36.203	22.5	27.320
800	12.585	12.473	36.128	21.0	27.373
900	11.867	11.746	36.055	19.5	27.458
1000	11.048	10.918	35.944	17.9	27.526

Redsox-1 Station 175
Latitude: 12 30.01 N
Longitude: 045 29.97 E
Date: 03-03-2001
Time: 2003 GMT

Rsx1-175



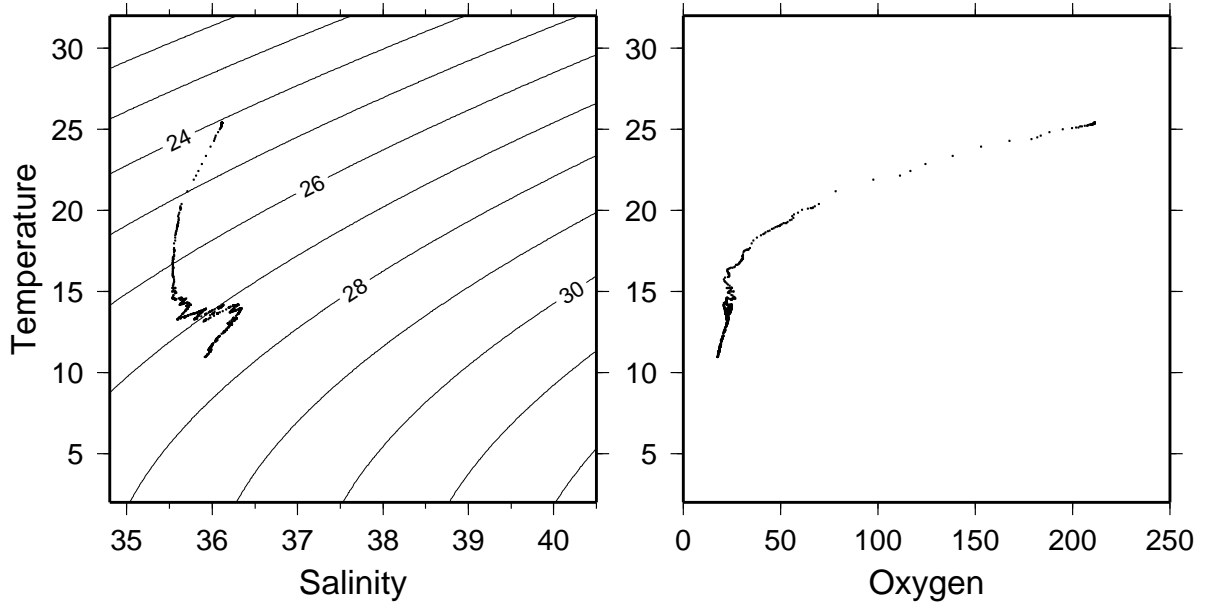
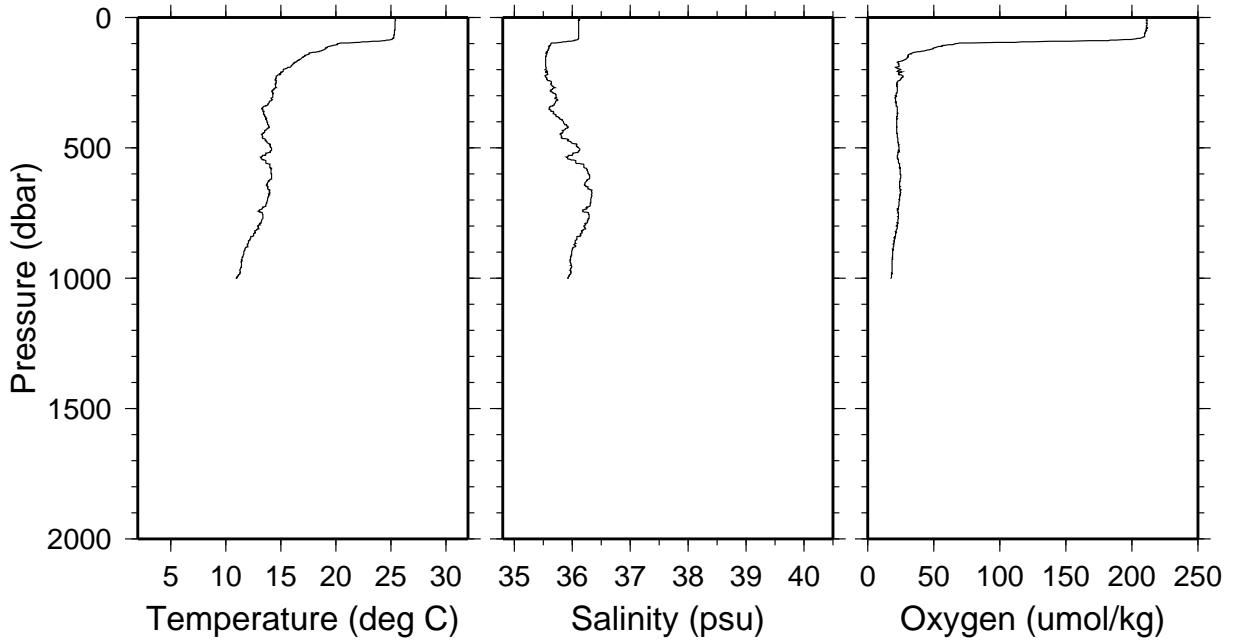
Redsox-1 **Station 176**
Latitude: 12° 41.87 N
Longitude: 045° 30.00 E
Date: 03-03-2001 2206 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.403	25.401	36.116	211.3	24.062
20	25.379	25.375	36.113	211.4	24.068
30	25.384	25.377	36.113	211.2	24.067
40	25.366	25.357	36.112	211.2	24.072
50	25.326	25.315	36.110	210.6	24.083
60	25.292	25.279	36.107	209.8	24.093
70	25.285	25.269	36.109	209.7	24.097
80	25.181	25.163	36.110	204.8	24.131
90	24.296	24.277	36.021	167.5	24.332
100	20.194	20.176	35.625	66.8	25.192
110	19.426	19.406	35.609	55.7	25.382
120	19.035	19.013	35.593	49.3	25.471
130	18.549	18.526	35.571	41.0	25.578
140	17.563	17.540	35.556	32.4	25.811
150	17.040	17.015	35.542	30.6	25.927
160	16.758	16.732	35.536	28.8	25.990
170	16.406	16.378	35.541	23.2	26.077
180	16.069	16.040	35.540	23.3	26.154
190	15.861	15.831	35.546	21.6	26.207
200	15.208	15.178	35.539	25.0	26.349
250	14.582	14.545	35.645	22.4	26.569
300	14.274	14.230	35.716	21.4	26.692
350	13.286	13.237	35.596	22.5	26.806
400	13.748	13.690	35.846	22.0	26.906
450	13.290	13.226	35.799	22.5	26.966
500	14.119	14.044	36.114	23.7	27.039
550	13.642	13.562	36.062	23.1	27.100
600	14.129	14.039	36.279	24.7	27.168
650	13.846	13.750	36.274	24.4	27.225
700	13.793	13.690	36.323	24.0	27.276
750	13.333	13.224	36.280	23.2	27.339
800	12.920	12.807	36.203	22.1	27.364
900	11.622	11.502	35.988	19.0	27.452
1000	10.980	10.851	35.921	17.6	27.520

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1002.9	1	10.966	10.837	35.924	19.1
759.1	2	13.359	13.249	36.286	22.6
651.9	3	13.836	13.740	36.269	23.7
507.3	4	14.151	14.076	36.121	22.8
187.0	5	15.913	15.883	35.548	22.2
77.7	6	25.239	25.222	36.111	209.5
2.4	7	25.371	25.370	36.115	211.9

Redsox-1 Station 176
Latitude: 12 41.87 N
Longitude: 045 30.00 E
Date: 03-03-2001
Time: 2206 GMT

Rsx1-176

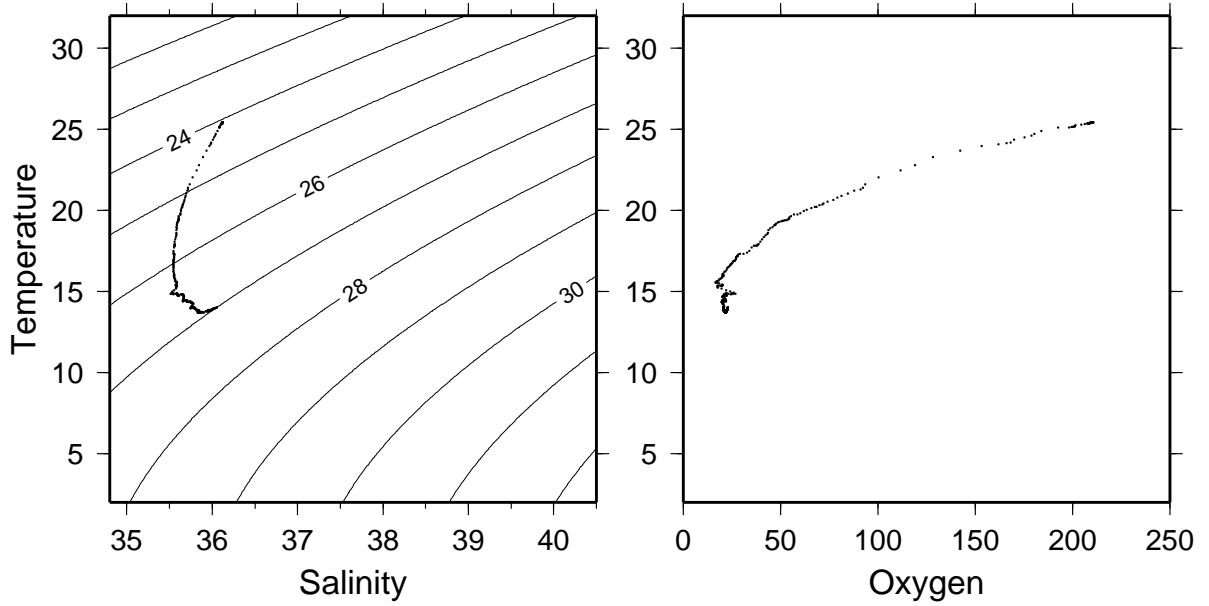
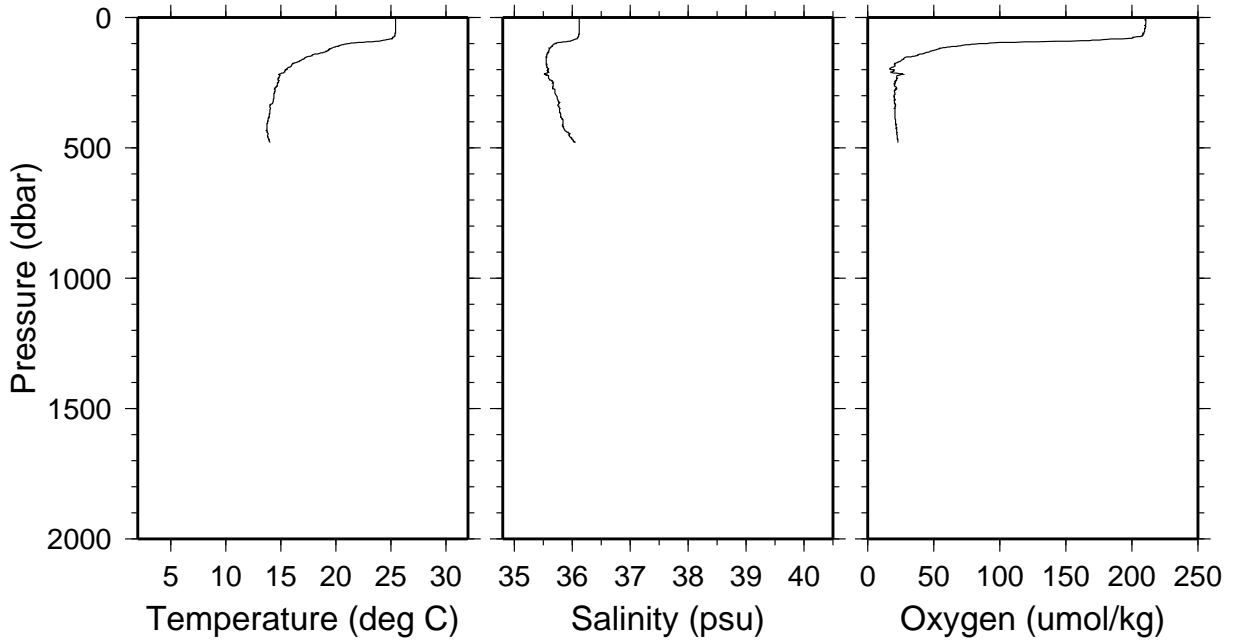


Redsox-1 **Station 177**
Latitude: 12° 52.48 N
Longitude: 045° 29.95 E
Date: 03-03-2001 2359 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.433	25.431	36.116	210.2	24.053
20	25.436	25.432	36.116	210.4	24.053
30	25.433	25.426	36.116	210.2	24.054
40	25.432	25.423	36.116	210.1	24.055
50	25.411	25.400	36.116	209.8	24.062
60	25.383	25.370	36.116	208.6	24.071
70	25.353	25.337	36.112	207.9	24.079
80	25.131	25.113	36.087	199.3	24.129
90	24.079	24.060	35.979	161.9	24.365
100	21.217	21.198	35.710	87.7	24.980
110	20.199	20.178	35.649	67.4	25.210
120	19.466	19.444	35.609	54.3	25.372
130	19.120	19.097	35.587	47.4	25.445
140	18.224	18.199	35.567	40.5	25.657
150	17.395	17.369	35.548	32.8	25.846
160	17.008	16.982	35.551	26.9	25.941
170	16.561	16.533	35.546	23.7	26.044
180	15.998	15.969	35.555	20.3	26.181
190	15.783	15.753	35.561	19.0	26.236
200	15.495	15.464	35.588	18.6	26.322
250	14.752	14.714	35.665	20.8	26.548
300	14.368	14.324	35.729	19.8	26.681
350	14.033	13.981	35.785	20.5	26.798
400	13.813	13.755	35.838	21.0	26.887
450	13.821	13.755	35.950	22.1	26.974

Redsox-1 Station 177
Latitude: 12 52.48 N
Longitude: 045 29.95 E
Date: 03-03-2001
Time: 2359 GMT

Rsx1-177



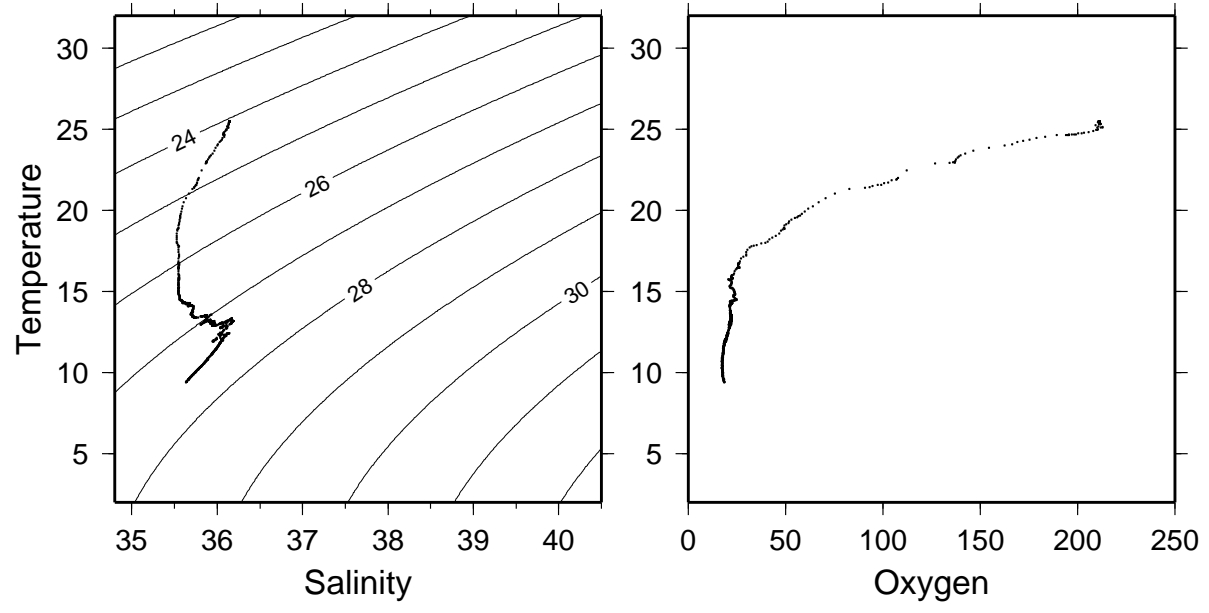
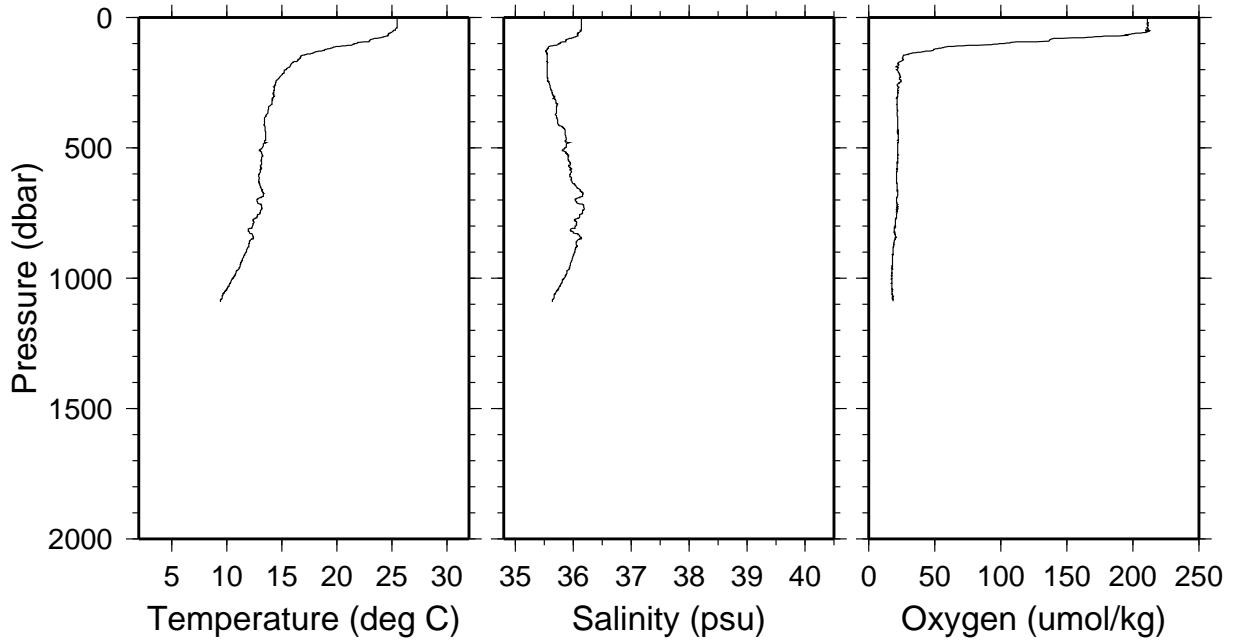
Redsox-1 **Station 178**
 Latitude: 13° 12.17 N
 Longitude: 045° 59.79 E
 Date: 04-03-2001 0421 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.472	25.470	36.143	210.9	24.061
20	25.474	25.470	36.142	211.2	24.060
30	25.476	25.470	36.142	211.3	24.060
40	25.455	25.446	36.140	210.9	24.066
50	25.180	25.169	36.119	210.7	24.135
60	24.784	24.771	36.075	203.2	24.224
70	24.629	24.614	36.084	189.3	24.278
80	23.502	23.485	35.944	142.1	24.508
90	22.967	22.949	35.874	136.8	24.611
100	21.674	21.654	35.762	100.6	24.893
110	20.242	20.221	35.591	63.9	25.154
120	19.201	19.180	35.553	51.5	25.398
130	18.326	18.303	35.525	43.1	25.599
140	17.436	17.413	35.545	29.9	25.833
150	16.717	16.692	35.550	25.9	26.009
160	16.505	16.479	35.547	26.1	26.057
170	16.104	16.077	35.548	23.6	26.152
180	15.823	15.795	35.551	22.6	26.219
190	15.694	15.664	35.549	21.5	26.247
200	15.361	15.330	35.548	21.3	26.321
250	14.444	14.407	35.582	23.4	26.550
300	14.271	14.227	35.657	22.0	26.646
350	13.783	13.732	35.712	21.7	26.794
400	13.413	13.357	35.732	22.0	26.887
450	13.505	13.441	35.860	22.2	26.969
500	13.200	13.129	35.858	22.1	27.031
550	13.115	13.038	35.920	21.8	27.099
600	12.949	12.865	35.951	21.0	27.158
650	13.066	12.974	36.053	21.4	27.215
700	12.736	12.638	36.036	21.1	27.269
750	13.014	12.907	36.158	21.2	27.309
800	12.299	12.190	36.035	19.9	27.357
900	11.763	11.642	36.028	18.6	27.457
1000	10.542	10.416	35.841	17.5	27.536

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1089.7	1	9.402	9.274	35.640	19.4
852.2	2	12.122	12.006	36.072	19.8
676.0	3	13.288	13.191	36.160	22.0
443.1	4	13.506	13.442	35.857	21.7
156.3	5	16.673	16.647	35.557	24.0
2.6	6	25.469	25.468	36.141	212.8

Redsox-1 Station 178
Latitude: 13 12.17 N
Longitude: 045 59.79 E
Date: 04-03-2001
Time: 0421 GMT

Rsx1-178

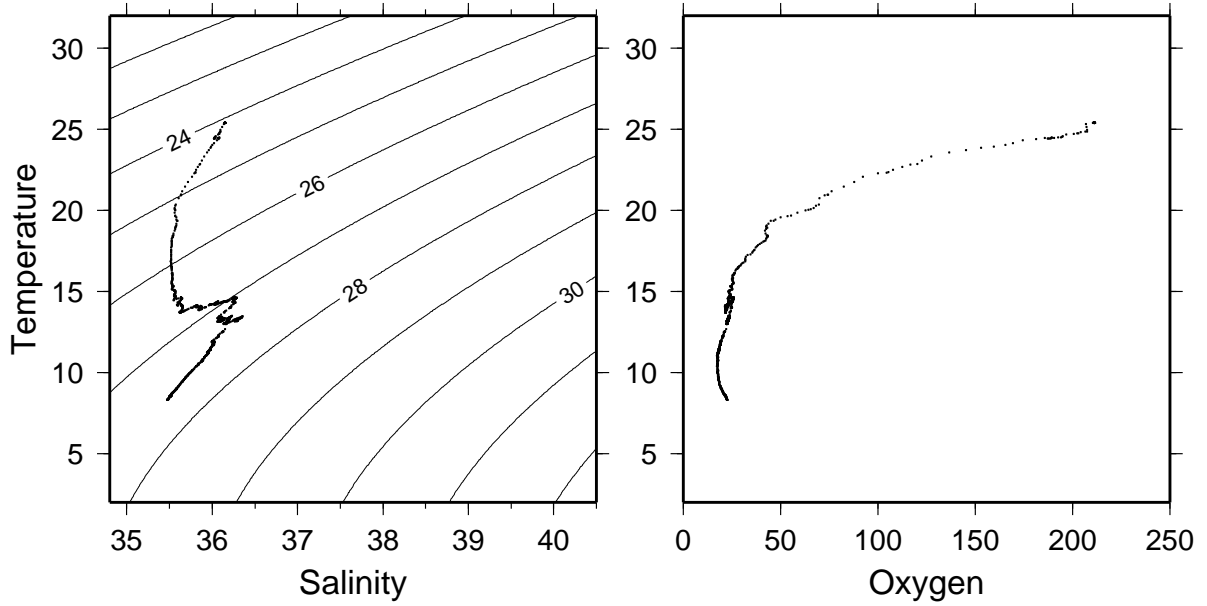
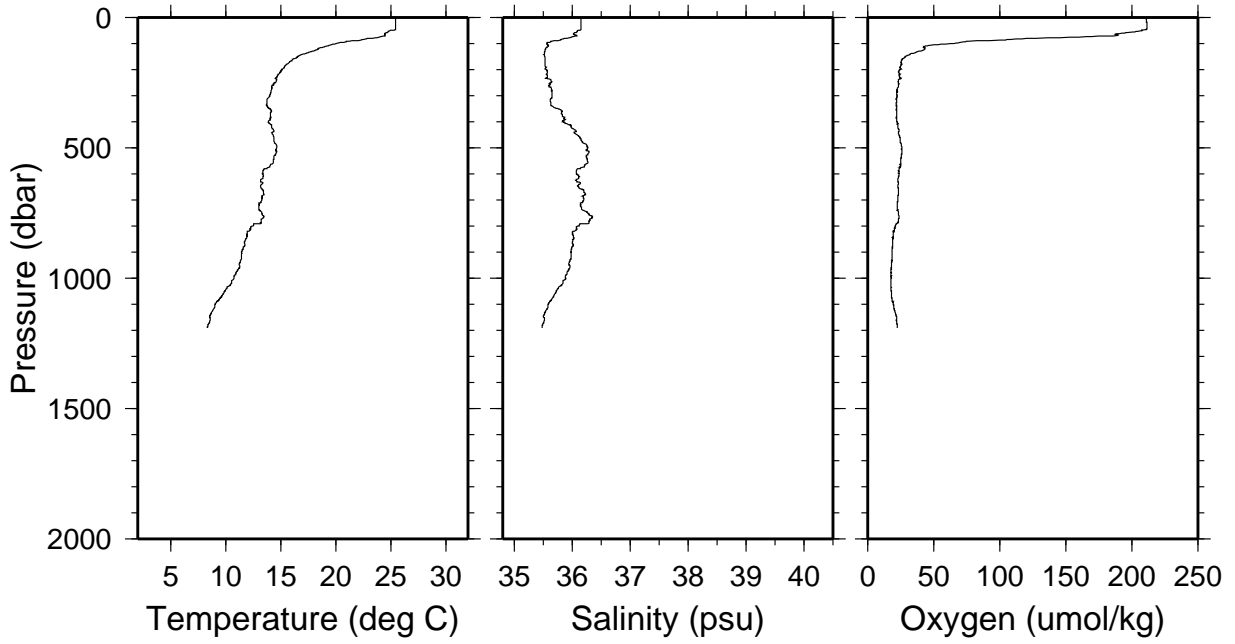


Redsox-1 **Station 179**
Latitude: 13° 0.03 N
Longitude: 045° 59.84 E
Date: 04-03-2001 0625 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.409	25.407	36.148	211.0	24.084
20	25.410	25.405	36.148	211.3	24.085
30	25.409	25.402	36.148	211.3	24.086
40	25.409	25.400	36.148	211.3	24.086
50	24.956	24.945	36.098	207.3	24.188
60	24.501	24.489	36.032	194.1	24.277
70	24.459	24.444	36.084	185.9	24.330
80	23.071	23.054	35.878	122.7	24.584
90	21.479	21.462	35.685	82.5	24.888
100	20.038	20.020	35.564	64.3	25.187
110	19.074	19.054	35.579	42.9	25.450
120	18.417	18.396	35.540	43.4	25.587
130	17.860	17.838	35.527	38.4	25.716
140	17.045	17.022	35.522	31.9	25.910
150	16.501	16.476	35.525	28.4	26.041
160	16.101	16.076	35.529	26.1	26.138
170	15.794	15.768	35.533	25.3	26.211
180	15.502	15.474	35.527	25.8	26.273
190	15.322	15.292	35.541	24.5	26.324
200	15.089	15.058	35.557	24.0	26.389
250	14.480	14.442	35.633	23.1	26.582
300	13.998	13.954	35.650	22.2	26.700
350	14.008	13.957	35.764	21.7	26.787
400	13.861	13.803	35.845	22.1	26.882
450	14.283	14.216	36.083	23.7	26.979
500	14.629	14.553	36.266	25.7	27.047
550	14.317	14.234	36.257	25.0	27.109
600	13.345	13.259	36.070	23.6	27.170
650	13.178	13.085	36.109	22.9	27.235
700	13.282	13.181	36.199	22.8	27.286
750	13.283	13.175	36.273	23.1	27.344
800	12.476	12.366	36.112	20.7	27.382
900	11.442	11.323	35.975	18.4	27.475
1000	10.758	10.631	35.891	17.8	27.537

Redsox-1 Station 179
Latitude: 13 00.03 N
Longitude: 045 59.84 E
Date: 04-03-2001
Time: 0625 GMT

Rsx1-179



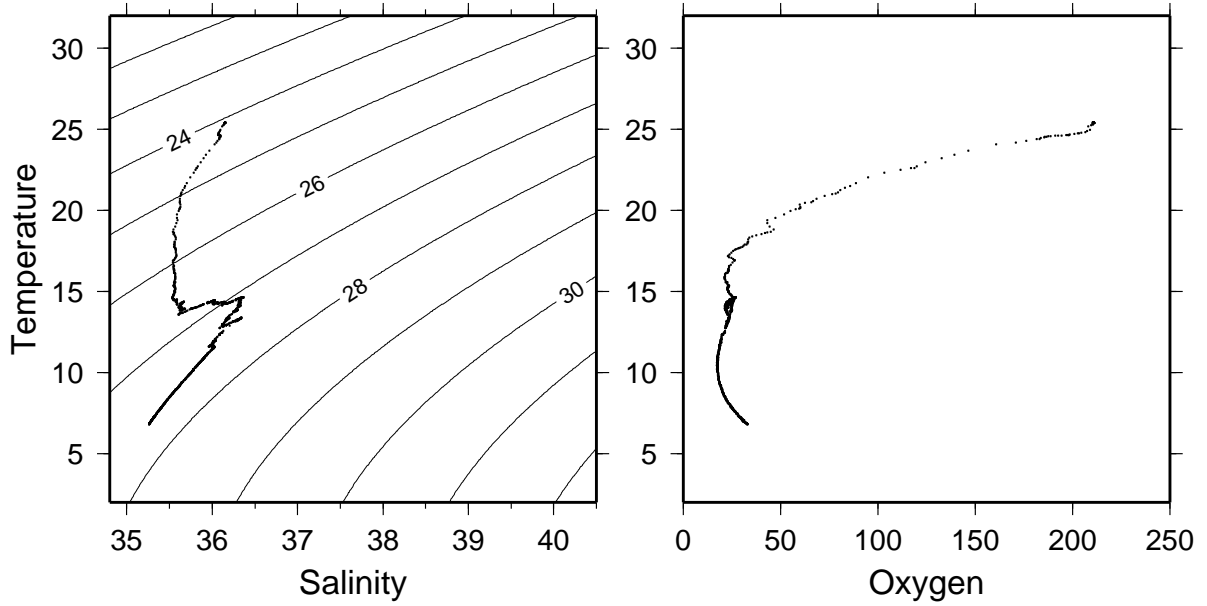
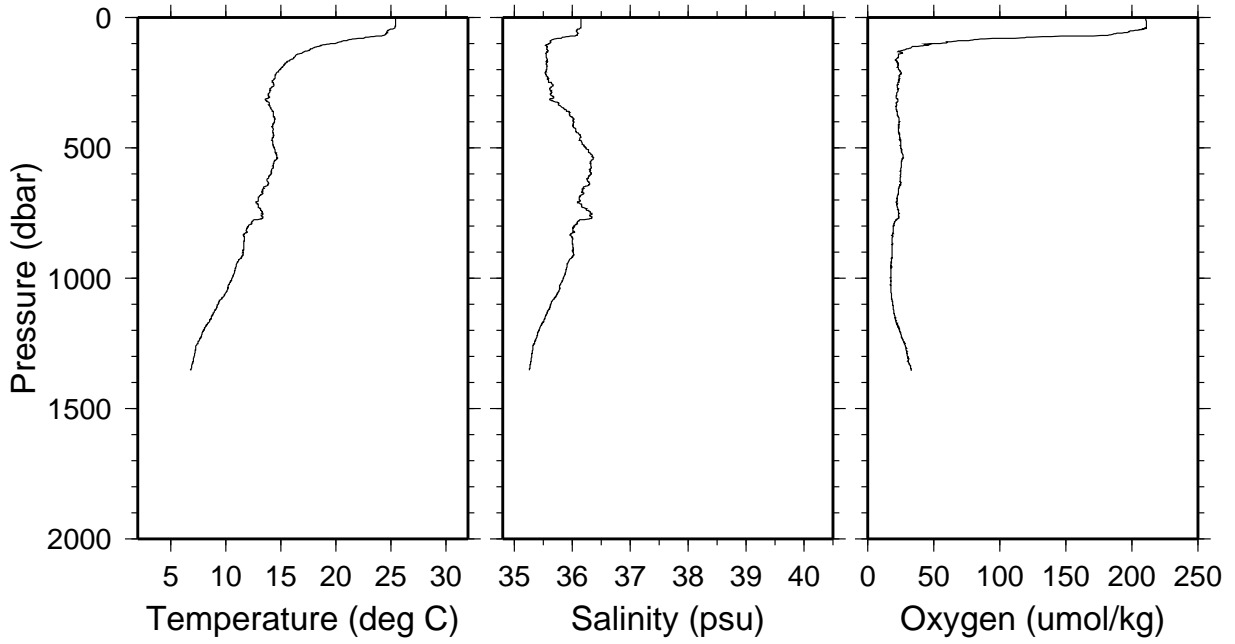
Redsox-1 **Station 180**
Latitude: 12° 47.97 N
Longitude: 045° 59.99 E
Date: 04-03-2001 0837 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.424	25.422	36.151	210.6	24.081
20	25.405	25.400	36.150	211.0	24.088
30	25.399	25.392	36.150	211.0	24.090
40	25.373	25.364	36.146	210.6	24.096
50	24.737	24.726	36.077	202.5	24.239
60	24.601	24.589	36.095	191.0	24.294
70	24.184	24.169	36.048	170.8	24.385
80	22.309	22.293	35.782	103.4	24.729
90	20.701	20.684	35.623	68.5	25.054
100	19.756	19.737	35.588	51.7	25.280
110	18.462	18.443	35.557	37.6	25.588
120	17.733	17.713	35.556	30.3	25.769
130	17.230	17.208	35.582	23.1	25.911
140	16.589	16.566	35.550	23.7	26.040
150	16.285	16.260	35.554	23.1	26.114
160	15.981	15.956	35.568	21.5	26.194
170	15.554	15.528	35.559	22.4	26.285
180	15.341	15.314	35.557	23.1	26.332
190	15.140	15.111	35.564	22.6	26.382
200	14.934	14.903	35.562	23.4	26.427
250	14.297	14.260	35.639	22.9	26.625
300	13.868	13.825	35.645	21.8	26.722
350	14.109	14.057	35.856	21.4	26.837
400	14.431	14.371	36.030	23.9	26.904
450	14.338	14.271	36.129	24.2	27.002
500	14.401	14.326	36.236	25.2	27.073
550	14.429	14.346	36.322	25.7	27.135
600	14.118	14.028	36.327	25.0	27.207
650	13.497	13.403	36.200	23.8	27.240
700	12.950	12.852	36.123	22.2	27.294
750	13.286	13.178	36.305	23.5	27.368
800	12.045	11.937	36.035	19.5	27.405
900	11.559	11.439	36.015	18.6	27.485
1000	10.572	10.446	35.846	17.5	27.534
1250	7.454	7.323	35.347	27.7	27.646

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1354.1	1	6.810	6.674	35.258	34.8
866.1	2	11.636	11.521	35.999	19.3
764.2	3	13.174	13.065	36.281	23.1
539.4	4	14.605	14.523	36.359	26.6
390.2	5	14.423	14.365	36.013	24.1
200.4	6	14.816	14.786	35.541	24.8
50.0	7	24.654	24.643	36.069	200.4
3.8	8	25.484	25.483	36.151	215.1

Redsox-1 Station 180
Latitude: 12 47.97 N
Longitude: 045 59.99 E
Date: 04-03-2001
Time: 0837 GMT

Rsx1-180

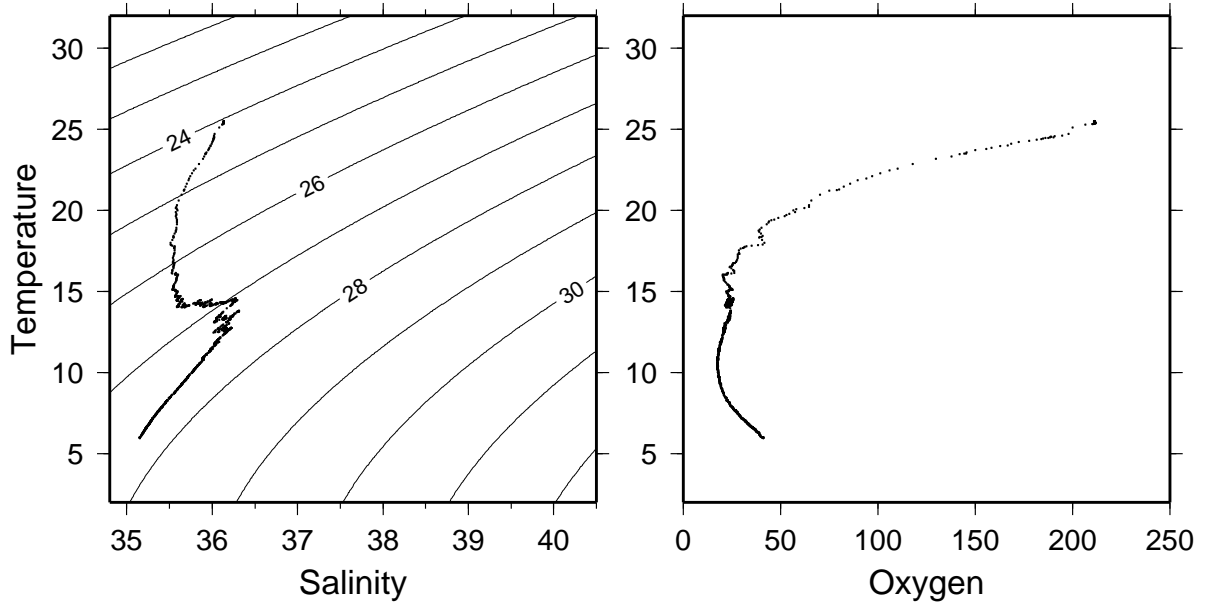
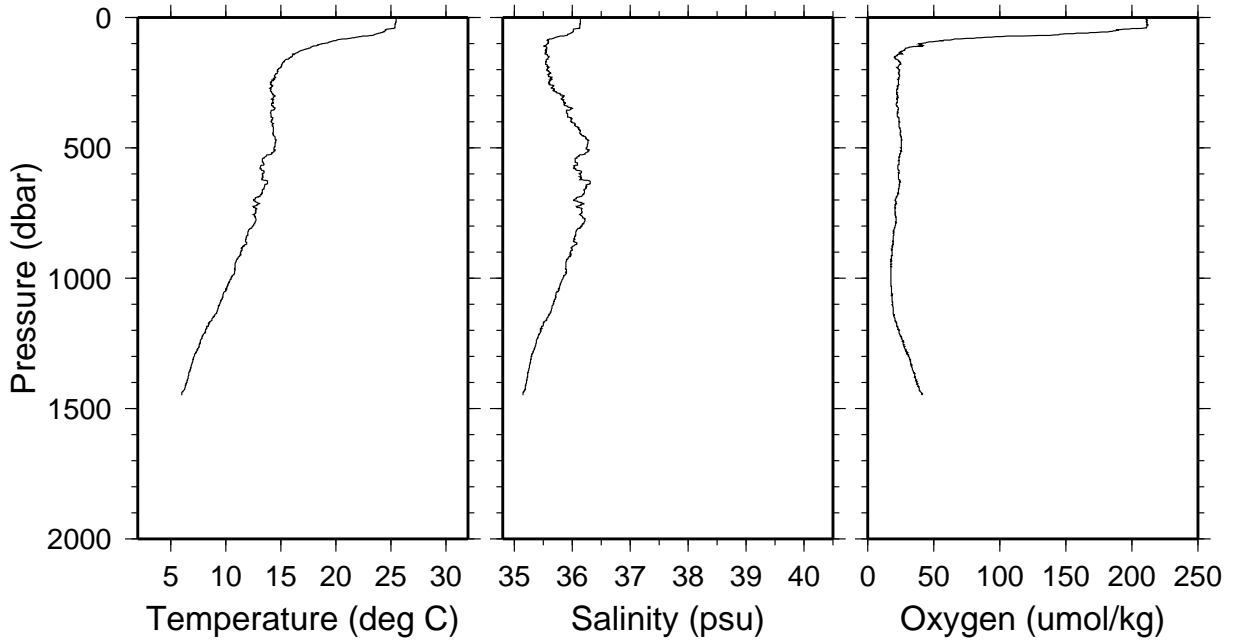


Redsox-1 **Station 181**
Latitude: 12° 35.85 N
Longitude: 045° 59.96 E
Date: 04-03-2001 1055 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.489	25.487	36.140	211.1	24.053
20	25.418	25.414	36.136	211.5	24.073
30	25.385	25.379	36.134	211.5	24.083
40	25.339	25.330	36.128	210.4	24.093
50	24.483	24.472	36.023	188.3	24.275
60	23.969	23.956	35.979	162.8	24.396
70	22.857	22.842	35.847	117.9	24.622
80	21.255	21.240	35.672	78.8	24.940
90	19.786	19.769	35.579	54.5	25.264
100	18.823	18.806	35.579	39.2	25.513
110	17.894	17.875	35.512	40.9	25.695
120	17.335	17.315	35.554	28.7	25.864
130	16.685	16.663	35.554	25.3	26.019
140	16.143	16.121	35.527	26.2	26.125
150	16.023	15.999	35.598	20.1	26.208
160	15.625	15.600	35.577	21.3	26.283
170	15.276	15.250	35.549	23.7	26.340
180	15.098	15.071	35.537	24.8	26.371
190	15.001	14.972	35.581	22.8	26.426
200	14.696	14.666	35.565	23.8	26.481
250	14.059	14.022	35.589	23.4	26.638
300	14.464	14.419	35.858	22.7	26.761
350	14.421	14.368	35.977	23.3	26.863
400	14.121	14.062	35.981	23.8	26.933
450	14.323	14.256	36.157	24.5	27.027
500	14.373	14.298	36.245	25.2	27.086
550	13.334	13.255	36.047	23.6	27.152
600	13.322	13.236	36.134	23.4	27.223
650	13.521	13.427	36.244	23.8	27.270
700	12.477	12.380	36.018	21.0	27.306
750	12.680	12.575	36.159	20.8	27.377
800	12.472	12.361	36.161	20.8	27.421
900	11.354	11.236	35.974	18.3	27.491
1000	10.476	10.351	35.839	17.6	27.546
1250	7.656	7.524	35.375	26.8	27.640

Redsox-1 Station 181
Latitude: 12 35.85 N
Longitude: 045 59.96 E
Date: 04-03-2001
Time: 1055 GMT

Rsx1-181



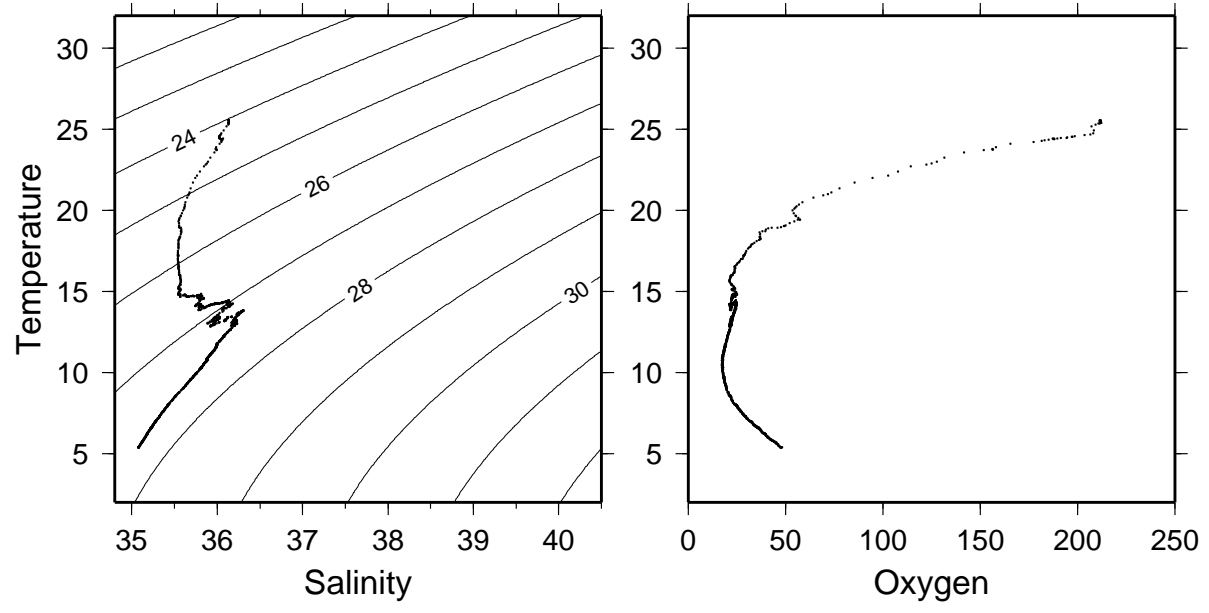
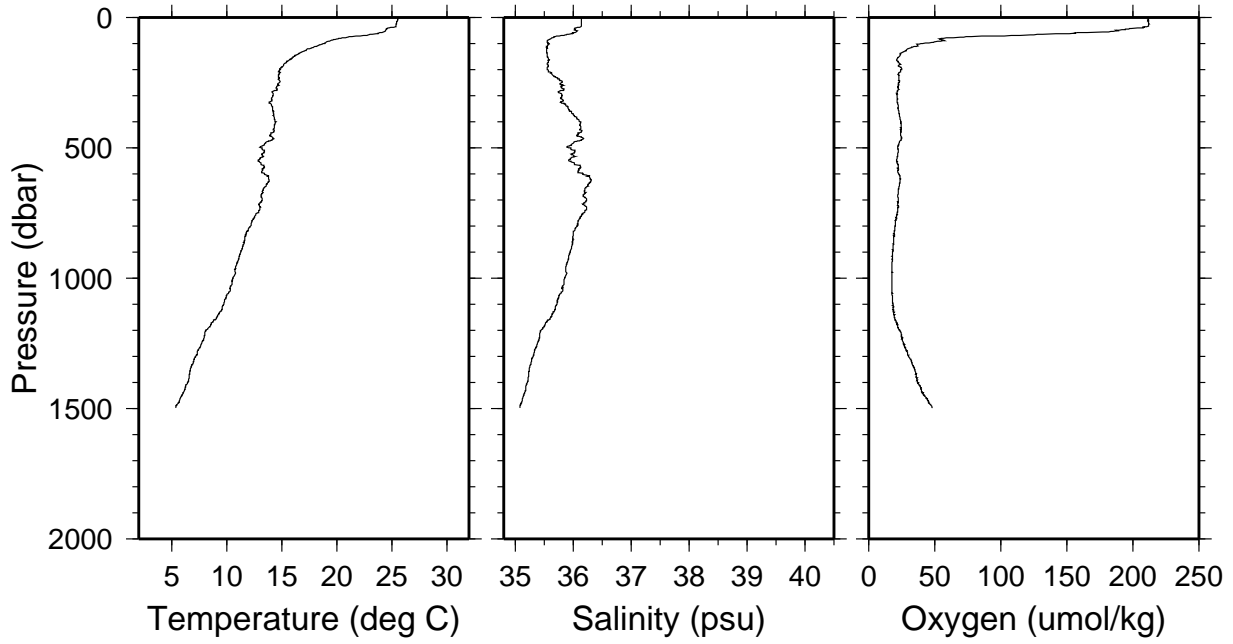
Redsox-1 **Station 182**
Latitude: 12° 24.05 N
Longitude: 046° 0.11 E
Date: 04-03-2001 1305 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.531	25.528	36.139	211.7	24.039
20	25.413	25.408	36.137	212.0	24.076
30	25.382	25.375	36.137	211.9	24.086
40	24.687	24.679	36.042	206.4	24.227
50	24.402	24.391	36.040	187.4	24.312
60	23.747	23.734	35.989	156.6	24.469
70	22.128	22.114	35.761	102.6	24.764
80	20.267	20.252	35.619	55.6	25.167
90	19.412	19.396	35.550	56.3	25.340
100	18.804	18.786	35.577	39.8	25.517
110	18.165	18.146	35.548	36.4	25.655
120	17.385	17.365	35.543	29.5	25.843
130	16.990	16.969	35.542	27.1	25.938
140	16.502	16.479	35.549	23.9	26.059
150	16.068	16.044	35.555	23.0	26.164
160	15.796	15.771	35.569	21.4	26.238
170	15.428	15.402	35.568	22.3	26.321
180	15.163	15.136	35.548	23.8	26.365
190	14.989	14.960	35.552	24.2	26.407
200	14.815	14.785	35.559	24.5	26.450
250	14.788	14.750	35.802	22.7	26.646
300	14.191	14.147	35.805	21.3	26.778
350	14.167	14.115	35.921	22.2	26.875
400	14.439	14.379	36.129	24.4	26.979
450	14.006	13.940	36.084	24.0	27.038
500	13.160	13.090	35.940	22.1	27.103
550	12.851	12.774	35.928	21.3	27.157
600	13.437	13.350	36.168	22.7	27.226
650	13.477	13.383	36.229	22.9	27.267
700	13.201	13.101	36.228	22.4	27.324
750	12.749	12.643	36.172	21.4	27.373
800	12.140	12.031	36.064	20.1	27.410
900	11.260	11.143	35.945	18.1	27.486
1000	10.557	10.431	35.847	17.5	27.538
1250	7.712	7.579	35.383	26.4	27.637

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1497.3	1	5.391	5.255	35.082	49.2
1200.1	2	8.095	7.964	35.438	24.6
647.6	3	13.586	13.492	36.203	23.1
601.4	4	13.213	13.127	36.106	21.6
424.2	5	14.443	14.379	36.166	25.5
100.5	6	18.722	18.704	35.576	36.8
50.2	7	24.322	24.311	36.031	182.5
2.1	8	25.527	25.527	36.136	211.1

Redsox-1 Station 182
Latitude: 12 24.05 N
Longitude: 046 00.11 E
Date: 04-03-2001
Time: 1305 GMT

Rsx1-182



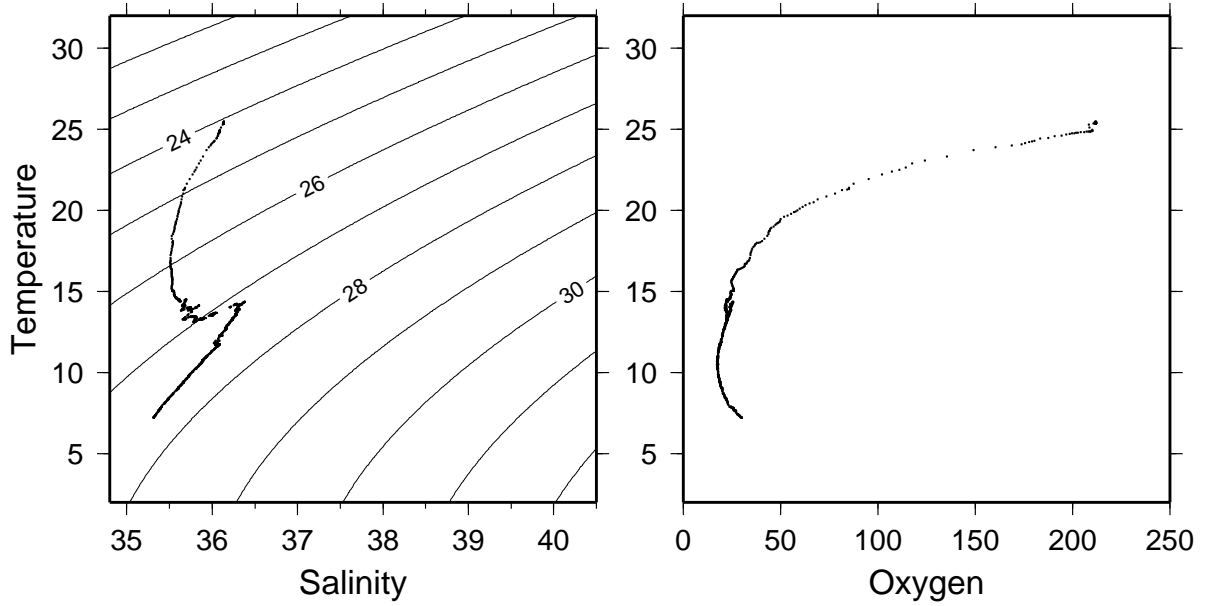
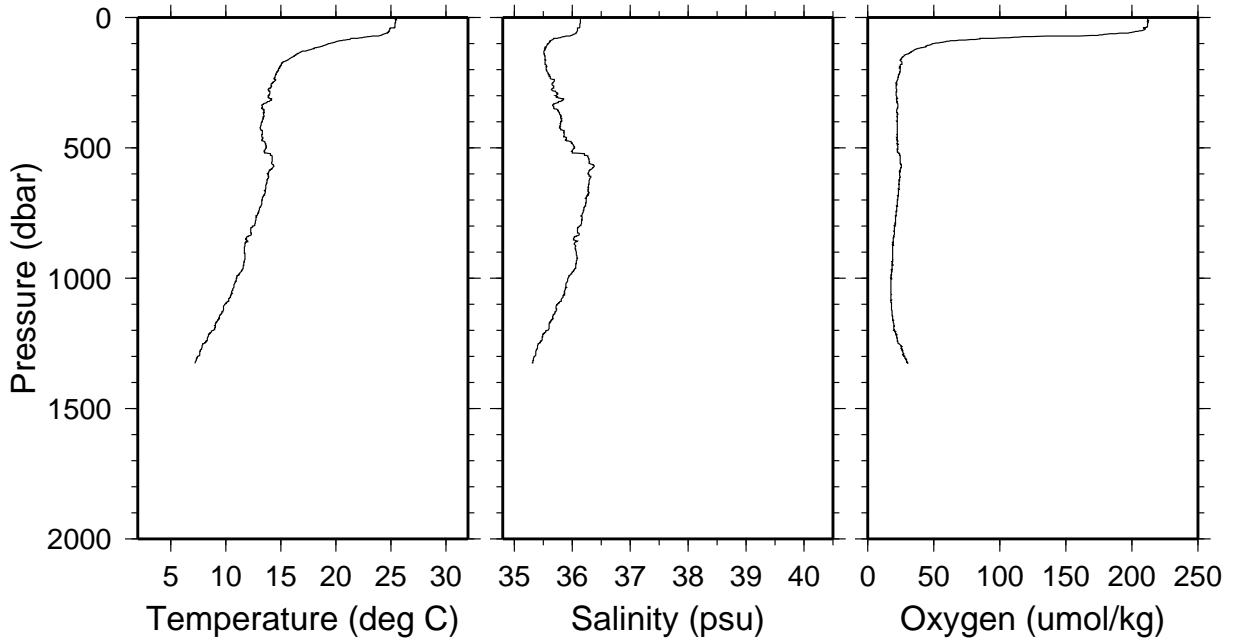
Redsox-1 **Station 183**
Latitude: 12° 11.96 N
Longitude: 046° 0.02 E
Date: 04-03-2001 1523 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.425	25.422	36.136	211.7	24.070
20	25.411	25.406	36.136	211.9	24.075
30	25.368	25.362	36.134	211.9	24.088
40	25.123	25.114	36.101	208.7	24.138
50	24.850	24.839	36.087	208.2	24.212
60	24.620	24.607	36.067	194.3	24.267
70	23.875	23.861	35.958	160.4	24.408
80	21.628	21.613	35.703	87.5	24.860
90	20.322	20.305	35.625	62.8	25.157
100	19.361	19.343	35.581	49.6	25.377
110	18.740	18.721	35.554	44.2	25.516
120	17.943	17.922	35.539	37.2	25.705
130	16.971	16.949	35.510	33.9	25.918
140	16.465	16.443	35.514	30.3	26.041
150	16.098	16.074	35.527	26.9	26.136
160	15.741	15.716	35.533	25.1	26.223
170	15.242	15.216	35.525	25.6	26.329
180	15.029	15.002	35.533	25.5	26.383
190	14.902	14.873	35.554	24.5	26.427
200	14.806	14.776	35.552	24.6	26.447
250	14.264	14.227	35.669	21.9	26.656
300	13.849	13.805	35.716	21.5	26.782
350	13.336	13.286	35.696	22.4	26.874
400	13.303	13.246	35.809	22.3	26.969
450	13.286	13.222	35.858	22.2	27.013
500	13.664	13.591	36.035	22.7	27.074
550	14.200	14.118	36.294	24.5	27.163
600	13.818	13.729	36.271	24.2	27.227
650	13.630	13.536	36.276	23.5	27.272
700	13.302	13.201	36.243	22.6	27.315
750	12.940	12.834	36.181	21.6	27.342
800	12.468	12.357	36.122	20.5	27.392
900	11.709	11.589	36.067	18.9	27.497
1000	10.961	10.832	35.927	17.7	27.528
1250	8.056	7.919	35.432	23.0	27.626

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1326.3	1	7.227	7.090	-9.990	30.7
1326.0	2	7.227	7.090	-9.990	31.6
650.1	3	13.624	13.529	-9.990	27.8
650.0	4	13.624	13.529	-9.990	25.1
50.5	5	24.832	24.821	-9.990	202.9
50.6	6	24.831	24.820	-9.990	202.9
2.1	7	25.461	25.461	-9.990	-10.0
2.2	8	25.460	25.460	-9.990	212.3

Redsox-1 Station 183
Latitude: 12 11.96 N
Longitude: 046 00.02 E
Date: 04-03-2001
Time: 1523 GMT

Rsx1-183



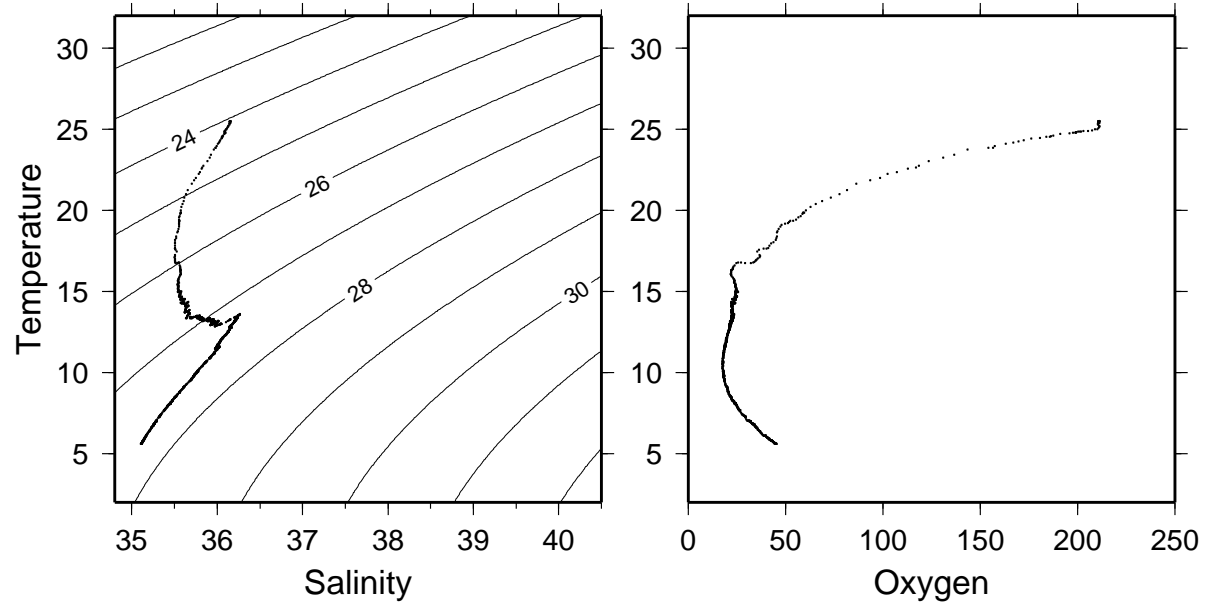
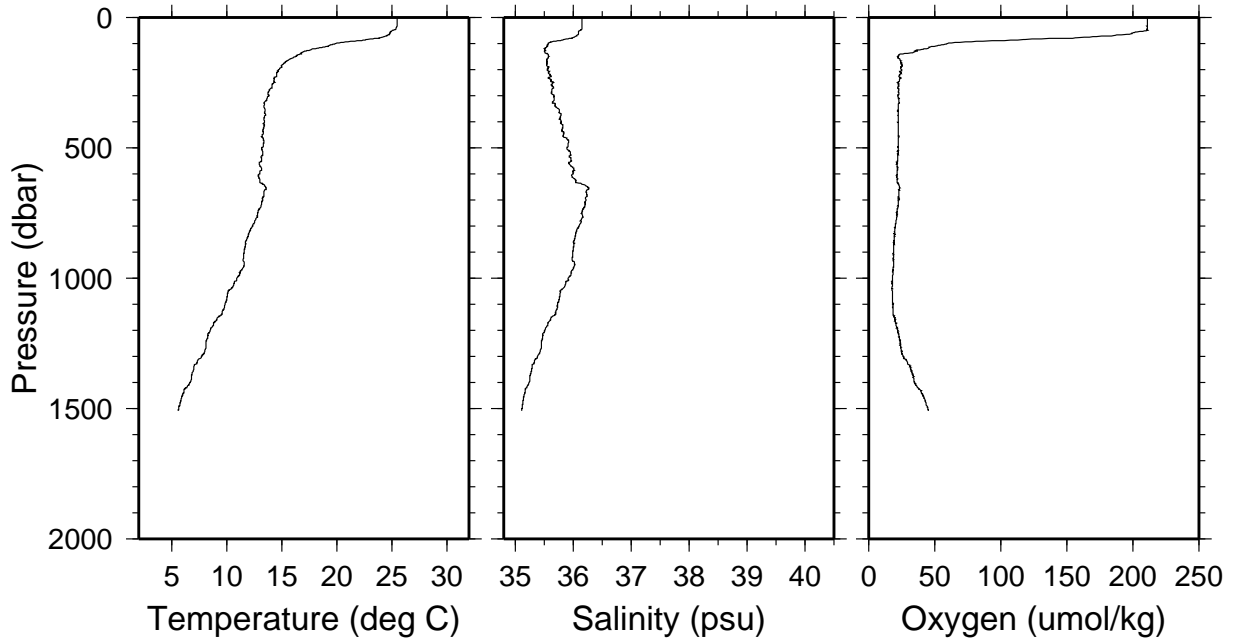
Redsox-1 **Station 184**
Latitude: 11° 59.90 N
Longitude: 046° 0.11 E
Date: 04-03-2001 1735 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.487	25.485	36.152	210.8	24.063
20	25.481	25.477	36.152	211.1	24.065
30	25.471	25.464	36.151	211.0	24.069
40	25.391	25.382	36.150	211.0	24.093
50	25.068	25.057	36.117	210.7	24.168
60	24.817	24.804	36.087	199.2	24.222
70	24.525	24.510	36.059	183.8	24.290
80	23.761	23.745	35.963	143.5	24.447
90	21.852	21.834	35.733	93.4	24.821
100	19.856	19.837	35.573	59.3	25.242
110	19.186	19.166	35.554	49.7	25.402
120	17.954	17.933	35.505	42.6	25.675
130	17.037	17.015	35.504	35.9	25.898
140	16.762	16.739	35.556	24.7	26.003
150	16.206	16.182	35.569	22.1	26.143
160	15.725	15.700	35.543	23.6	26.234
170	15.341	15.315	35.543	24.2	26.321
180	15.086	15.059	35.547	24.7	26.381
190	14.998	14.969	35.577	24.1	26.424
200	14.723	14.693	35.555	24.9	26.468
250	14.293	14.256	35.652	22.2	26.636
300	13.809	13.765	35.668	22.0	26.753
350	13.464	13.415	35.748	22.2	26.888
400	13.430	13.373	35.796	22.4	26.934
450	13.227	13.164	35.826	22.4	27.000
500	13.182	13.112	35.885	22.3	27.056
550	13.168	13.090	35.972	21.8	27.128
600	12.973	12.888	35.990	21.3	27.183
650	13.532	13.437	36.245	23.3	27.268
700	13.249	13.149	36.220	22.7	27.309
750	12.798	12.693	36.144	21.4	27.341
800	12.338	12.228	36.100	20.1	27.400
900	11.566	11.446	35.992	18.8	27.466
1000	10.894	10.766	35.909	17.8	27.527
1250	8.111	7.974	35.450	23.9	27.632
1500	5.646	5.507	35.115	44.7	27.706

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1508.7	1	5.591	5.452	35.117	46.5
1000.9	2	10.897	10.769	35.910	17.5
400.3	3	13.336	13.279	35.775	21.7
0.8	4	25.472	25.472	36.152	212.3

Redsox-1 Station 184
Latitude: 11 59.90 N
Longitude: 046 00.11 E
Date: 04-03-2001
Time: 1735 GMT

Rsx1-184

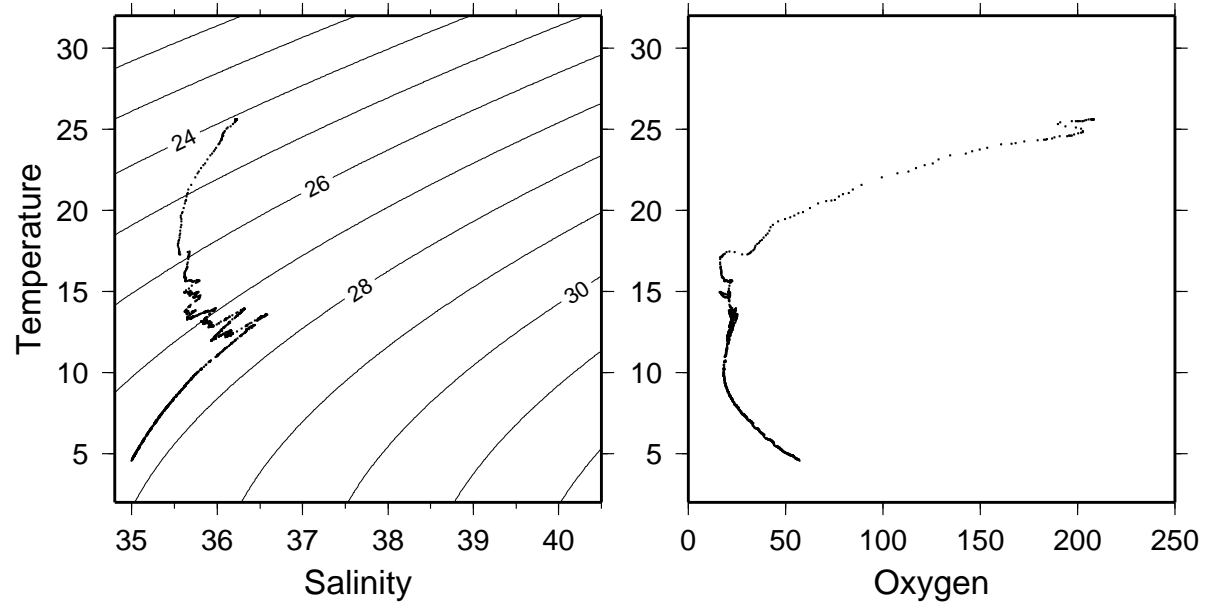
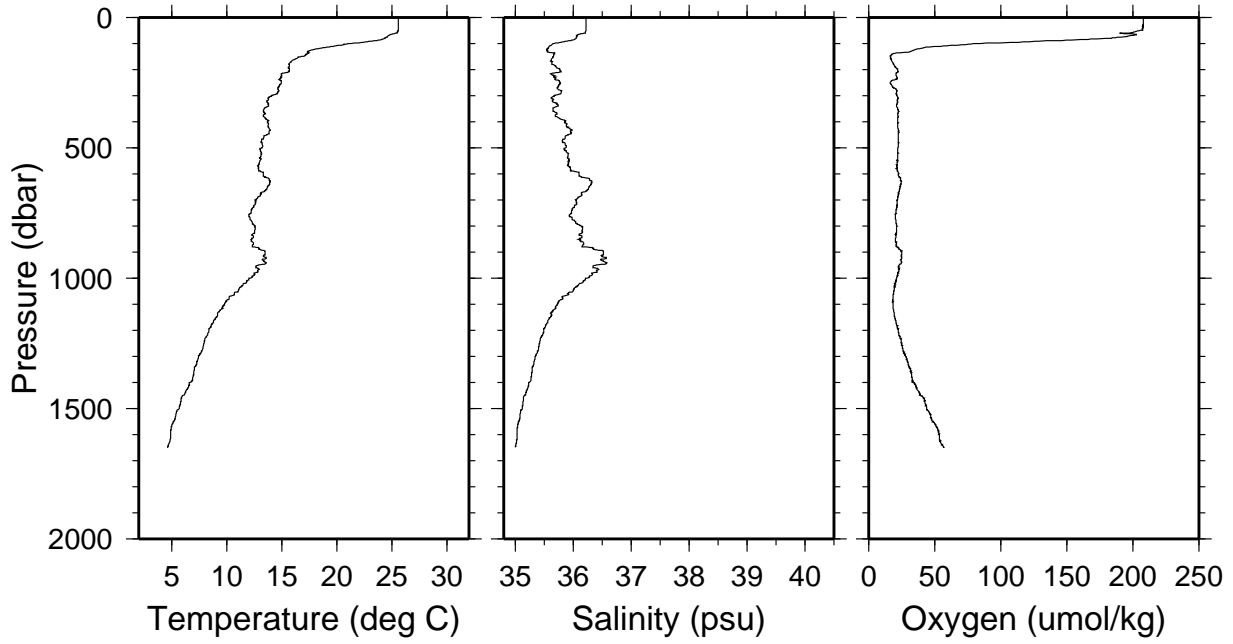


Redsox-1 **Station 185**
Latitude: 11° 47.95 N
Longitude: 045° 59.88 E
Date: 04-03-2001 1958 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.600	25.598	36.221	207.9	24.080
20	25.602	25.597	36.221	207.9	24.081
30	25.600	25.594	36.223	207.7	24.083
40	25.599	25.590	36.224	207.4	24.085
50	25.590	25.579	36.223	205.8	24.088
60	25.412	25.399	36.201	190.9	24.127
70	24.621	24.606	36.066	196.9	24.267
80	24.355	24.338	36.048	182.8	24.334
90	23.382	23.364	35.918	134.5	24.524
100	21.071	21.052	35.652	82.3	24.976
110	19.693	19.673	35.575	54.5	25.287
120	18.185	18.164	35.554	37.8	25.655
130	17.393	17.372	35.555	31.9	25.851
140	17.259	17.236	35.667	17.9	25.970
150	16.688	16.664	35.651	16.4	26.094
160	16.169	16.143	35.619	17.0	26.191
170	15.865	15.838	35.636	17.7	26.274
180	15.646	15.618	35.633	18.9	26.322
190	15.627	15.597	35.708	20.0	26.384
200	15.690	15.658	35.768	21.8	26.417
250	14.956	14.918	35.774	16.3	26.587
300	14.076	14.032	35.676	21.5	26.703
350	13.390	13.340	35.650	22.1	26.828
400	13.746	13.688	35.865	21.8	26.922
450	13.616	13.551	35.914	22.3	26.988
500	13.180	13.110	35.870	21.9	27.045
550	12.996	12.919	35.914	21.8	27.118
600	13.292	13.206	36.098	22.5	27.202
650	13.696	13.601	36.275	23.9	27.257
700	12.616	12.519	36.042	21.7	27.298
750	12.201	12.099	35.970	20.5	27.324
800	12.578	12.467	36.148	21.1	27.390
900	13.455	13.323	36.518	24.8	27.503
1000	12.022	11.885	36.216	21.0	27.557
1250	7.923	7.788	35.419	24.7	27.635
1500	5.678	5.539	35.118	43.8	27.704

Redsox-1 Station 185
Latitude: 11 47.95 N
Longitude: 045 59.88 E
Date: 04-03-2001
Time: 1958 GMT

Rsx1-185



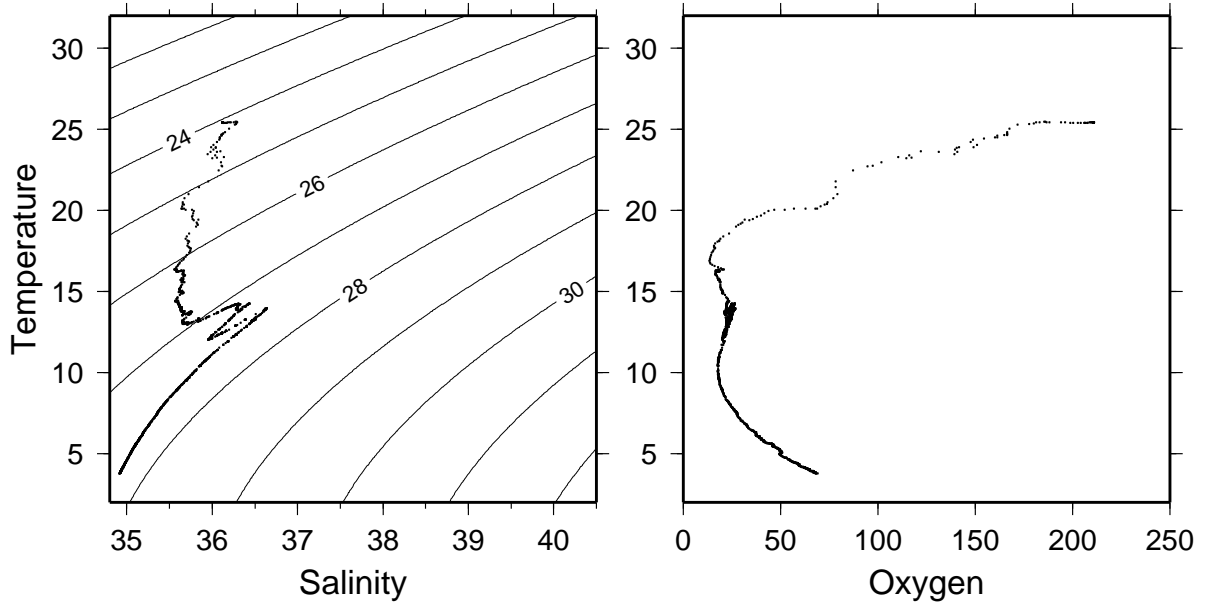
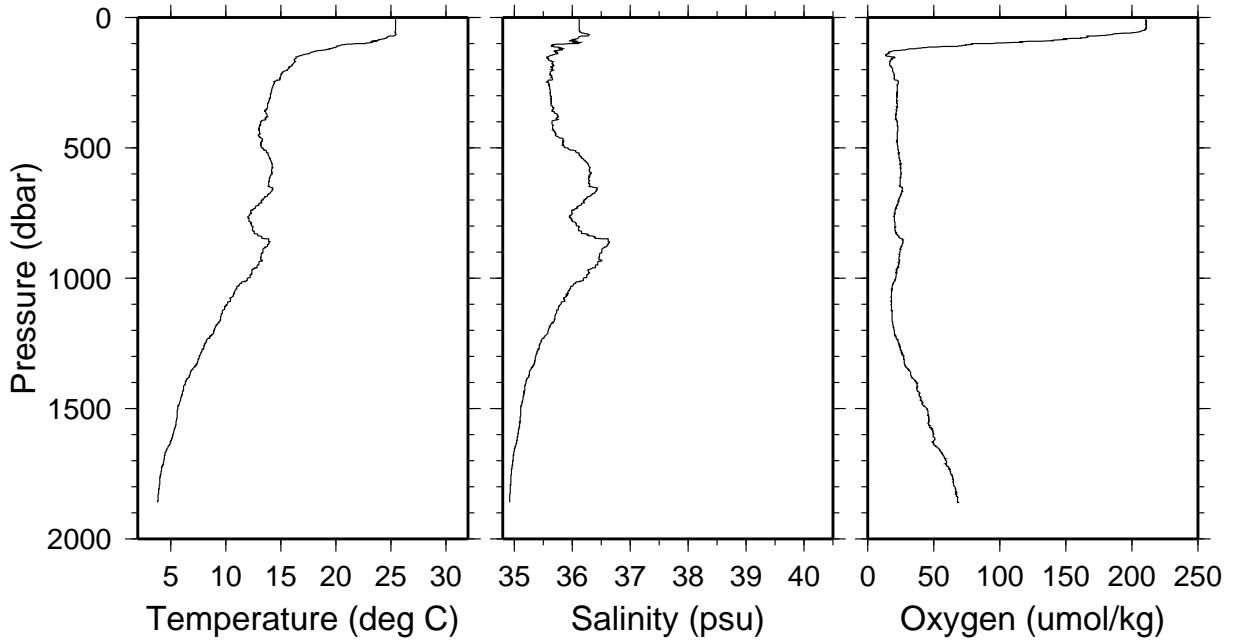
Redsox-1 **Station 186**
Latitude: 11° 36.22 N
Longitude: 045° 59.97 E
Date: 04-03-2001 2225 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.431	25.429	36.121	210.6	24.057
20	25.434	25.429	36.121	210.8	24.057
30	25.438	25.432	36.121	210.8	24.056
40	25.438	25.430	36.121	210.8	24.057
50	25.421	25.410	36.123	208.6	24.064
60	25.420	25.406	36.185	196.2	24.112
70	25.282	25.267	36.267	171.7	24.217
80	24.498	24.481	36.089	160.0	24.322
90	23.469	23.450	35.946	139.4	24.520
100	22.476	22.456	36.073	87.3	24.904
110	20.104	20.084	35.641	67.9	25.229
120	19.390	19.368	35.783	33.9	25.525
130	18.090	18.067	35.724	18.3	25.810
140	17.395	17.372	35.728	14.7	25.984
150	16.494	16.470	35.581	17.8	26.086
160	16.243	16.217	35.580	18.7	26.143
170	16.300	16.272	35.667	16.7	26.198
180	16.038	16.009	35.657	16.7	26.251
190	15.720	15.690	35.634	18.0	26.306
200	15.590	15.559	35.645	18.9	26.344
250	14.408	14.370	35.589	23.3	26.563
300	14.042	13.998	35.625	22.2	26.671
350	13.713	13.663	35.671	21.8	26.776
400	13.187	13.131	35.650	22.6	26.870
450	13.011	12.948	35.712	22.2	26.955
500	13.363	13.292	35.924	22.9	27.049
550	14.098	14.016	36.224	24.4	27.130
600	14.178	14.089	36.316	25.2	27.185
650	13.944	13.848	36.330	25.1	27.248
700	13.352	13.251	36.219	23.5	27.287
750	12.299	12.196	36.004	20.7	27.331
800	12.414	12.304	36.103	20.7	27.387
900	13.374	13.243	36.510	24.6	27.513
1000	11.941	11.805	36.188	20.9	27.550
1250	8.125	7.988	35.445	23.6	27.626
1500	5.609	5.470	35.109	44.9	27.705
1750	4.111	3.966	34.949	63.1	27.750

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1861.0	1	3.785	3.634	34.939	67.5
1524.1	2	5.576	5.435	35.108	45.6
1204.4	3	8.920	8.781	35.587	20.1
865.7	4	13.938	13.809	36.635	25.8
665.0	5	13.899	13.801	36.332	24.0
394.1	6	13.743	13.686	35.779	20.5
118.1	7	19.444	19.423	35.783	48.6

Redsox-1 Station 186
Latitude: 11 36.22 N
Longitude: 045 59.97 E
Date: 04-03-2001
Time: 2225 GMT

Rsx1-186

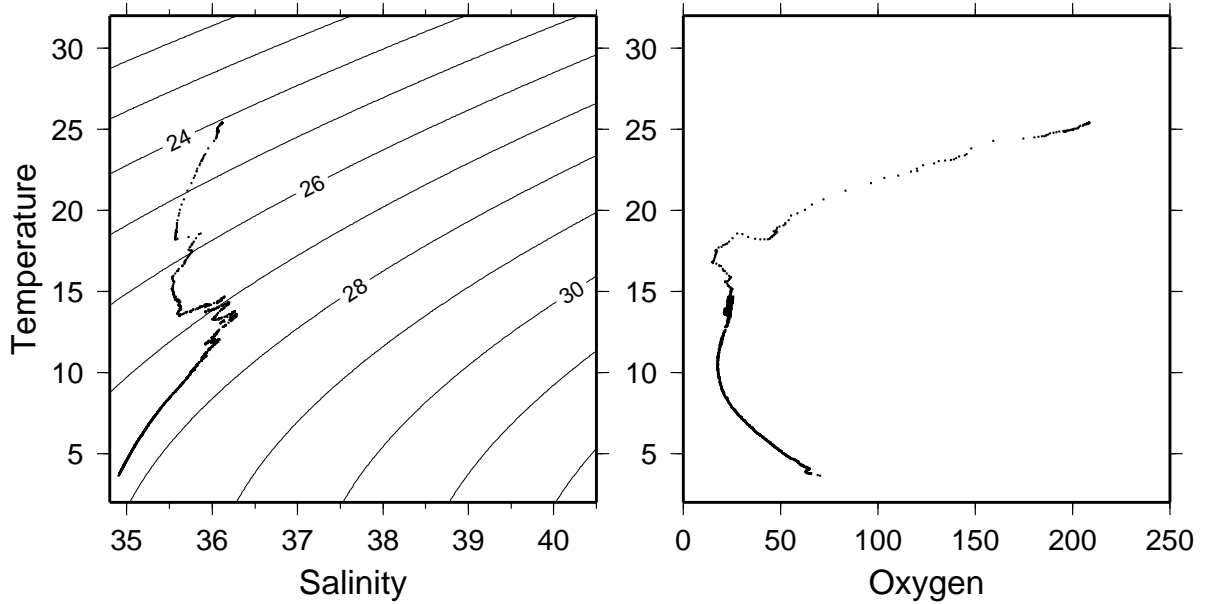
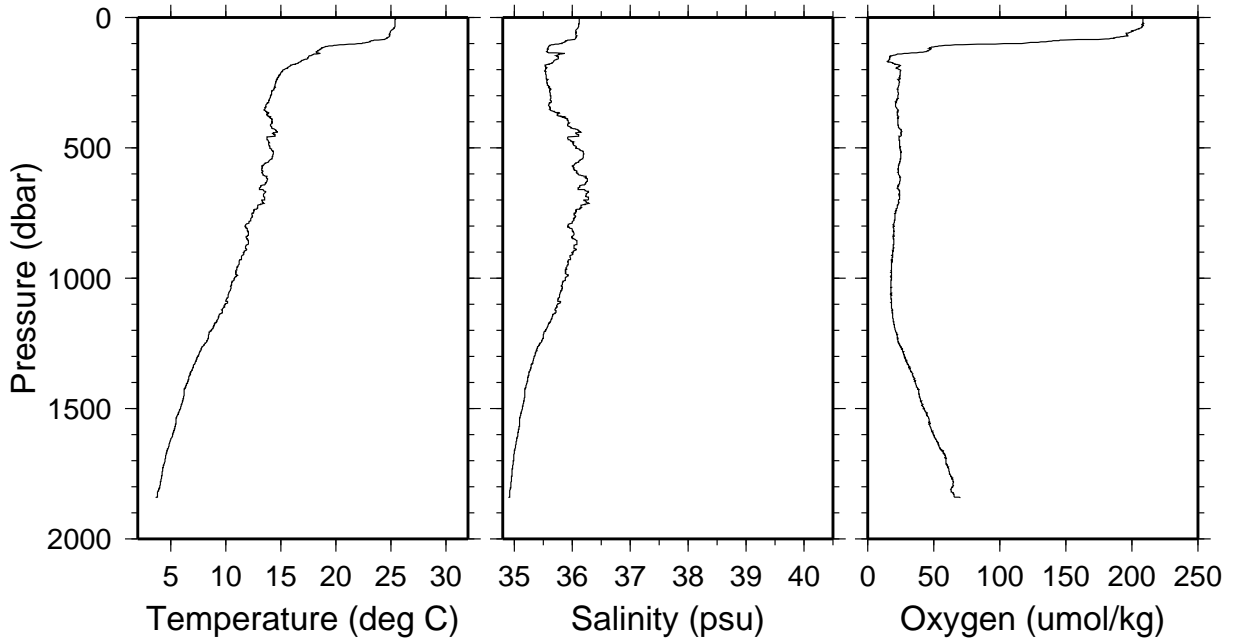


Redsox-1 **Station 187**
Latitude: 11° 24.06 N
Longitude: 045° 59.89 E
Date: 05-03-2001 0111 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.388	25.385	36.117	208.4	24.067
20	25.391	25.386	36.116	208.5	24.067
30	25.372	25.365	36.111	208.2	24.069
40	25.305	25.297	36.098	206.6	24.080
50	25.044	25.033	36.064	201.8	24.136
60	24.897	24.884	36.064	196.2	24.181
70	24.885	24.870	36.074	196.8	24.193
80	24.585	24.568	36.057	185.4	24.272
90	23.214	23.195	35.891	140.2	24.553
100	22.142	22.122	35.796	110.3	24.788
110	19.212	19.192	35.589	52.5	25.422
120	18.634	18.613	35.576	48.1	25.560
130	18.291	18.269	35.565	44.8	25.638
140	18.084	18.059	35.786	23.6	25.859
150	17.517	17.491	35.755	16.8	25.975
160	17.286	17.259	35.739	16.6	26.020
170	16.806	16.778	35.678	14.8	26.088
180	16.234	16.206	35.586	21.4	26.151
190	15.649	15.619	35.541	22.9	26.251
200	15.262	15.231	35.539	23.8	26.336
250	14.542	14.505	35.564	23.9	26.515
300	14.082	14.038	35.625	22.8	26.662
350	13.522	13.472	35.613	22.2	26.771
400	14.191	14.132	35.929	22.7	26.877
450	14.472	14.405	36.111	25.5	26.960
500	13.996	13.923	36.063	24.2	27.026
550	13.883	13.802	36.112	24.5	27.089
600	13.350	13.264	36.103	23.3	27.194
650	13.179	13.087	36.129	22.9	27.251
700	13.283	13.183	36.210	23.5	27.294
750	12.465	12.361	36.054	20.7	27.337
800	11.795	11.688	35.926	19.6	27.368
900	11.691	11.571	36.016	19.0	27.461
1000	10.765	10.637	35.876	17.8	27.524
1250	8.120	7.984	35.444	23.8	27.626
1500	5.880	5.739	35.139	42.3	27.696
1750	4.217	4.071	34.960	61.8	27.747

Redsox-1 Station 187
Latitude: 11 24.06 N
Longitude: 045 59.89 E
Date: 05-03-2001
Time: 0111 GMT

Rsx1-187



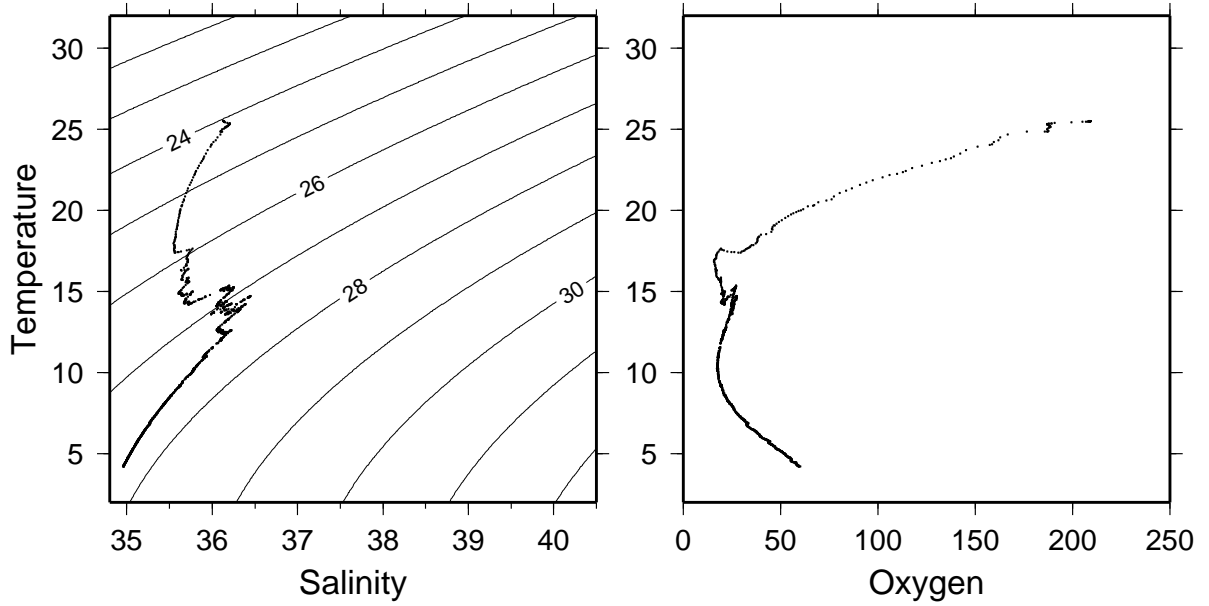
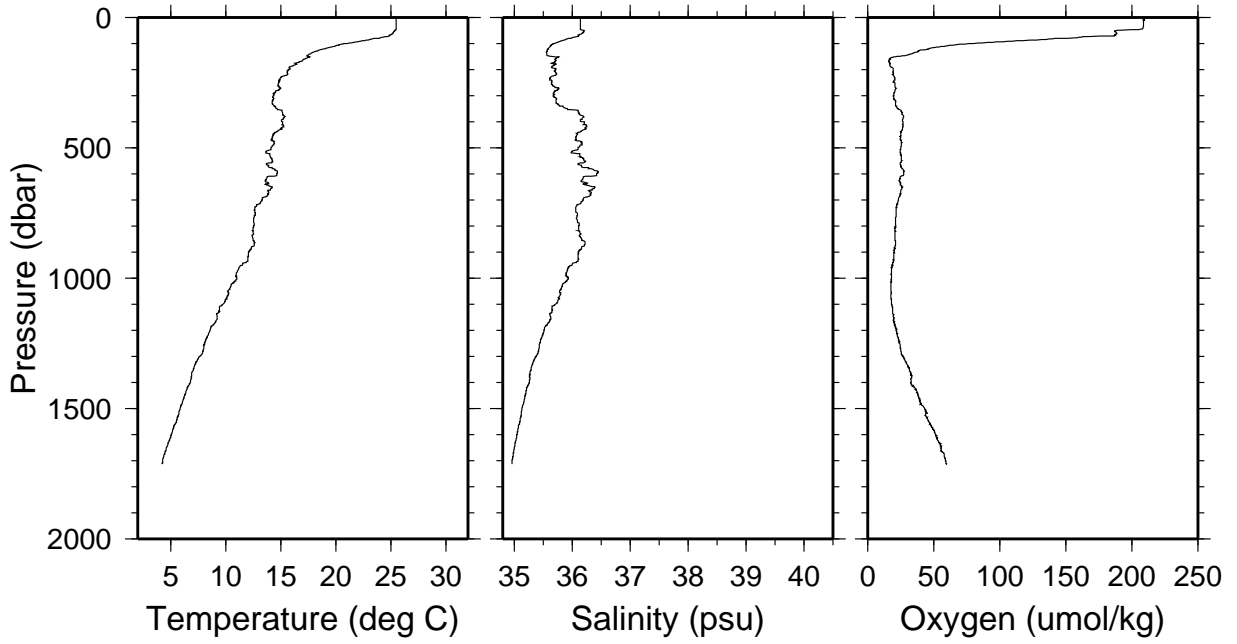
Redsox-1 **Station 188**
Latitude: 11° 12.02 N
Longitude: 045° 59.96 E
Date: 05-03-2001 0340 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.487	25.485	36.138	209.0	24.052
20	25.490	25.485	36.138	208.8	24.052
30	25.493	25.486	36.138	208.9	24.052
40	25.487	25.478	36.138	208.4	24.054
50	25.358	25.347	36.204	188.9	24.145
60	25.168	25.155	36.172	188.5	24.180
70	24.856	24.841	36.102	187.0	24.223
80	23.699	23.682	35.947	145.2	24.453
90	22.350	22.332	35.807	112.9	24.737
100	20.846	20.827	35.680	77.5	25.059
110	19.900	19.880	35.620	57.9	25.267
120	18.965	18.943	35.588	45.8	25.485
130	18.180	18.157	35.562	38.2	25.663
140	17.637	17.613	35.556	32.8	25.793
150	17.553	17.528	35.703	20.8	25.927
160	17.069	17.042	35.704	17.0	26.044
170	16.690	16.662	35.696	16.2	26.129
180	16.371	16.342	35.714	16.6	26.218
190	15.750	15.720	35.644	18.1	26.307
200	15.723	15.691	35.709	19.3	26.364
250	14.807	14.770	35.642	20.3	26.518
300	14.328	14.284	35.678	19.5	26.650
350	14.682	14.629	35.920	22.9	26.763
400	15.165	15.103	36.206	26.6	26.879
450	14.341	14.274	36.089	25.1	26.971
500	14.095	14.021	36.100	25.2	27.034
550	14.225	14.143	36.218	25.6	27.099
600	14.622	14.530	36.421	27.3	27.171
650	14.207	14.109	36.385	25.9	27.235
700	13.272	13.172	36.183	23.4	27.275
750	12.681	12.576	36.088	21.5	27.322
800	12.525	12.414	36.110	20.8	27.371
900	12.099	11.976	36.112	19.8	27.458
1000	11.008	10.879	35.936	18.0	27.527
1250	8.072	7.935	35.440	23.9	27.629
1500	5.837	5.696	35.132	43.0	27.696

Press (dbar)	Bottle	Bottle Data			
		Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1714.6	1	4.208	4.065	34.983	61.4
1401.8	2	6.747	6.607	35.251	33.1
987.8	3	10.948	10.821	35.897	18.7
871.4	4	12.455	12.334	36.191	21.2
597.0	5	14.208	14.119	36.304	35.4
422.2	6	14.990	14.925	36.201	26.1
143.5	7	17.537	17.513	35.553	40.8

Redsox-1 Station 188
Latitude: 11 12.02 N
Longitude: 045 59.96 E
Date: 05-03-2001
Time: 0340 GMT

Rsx1-188

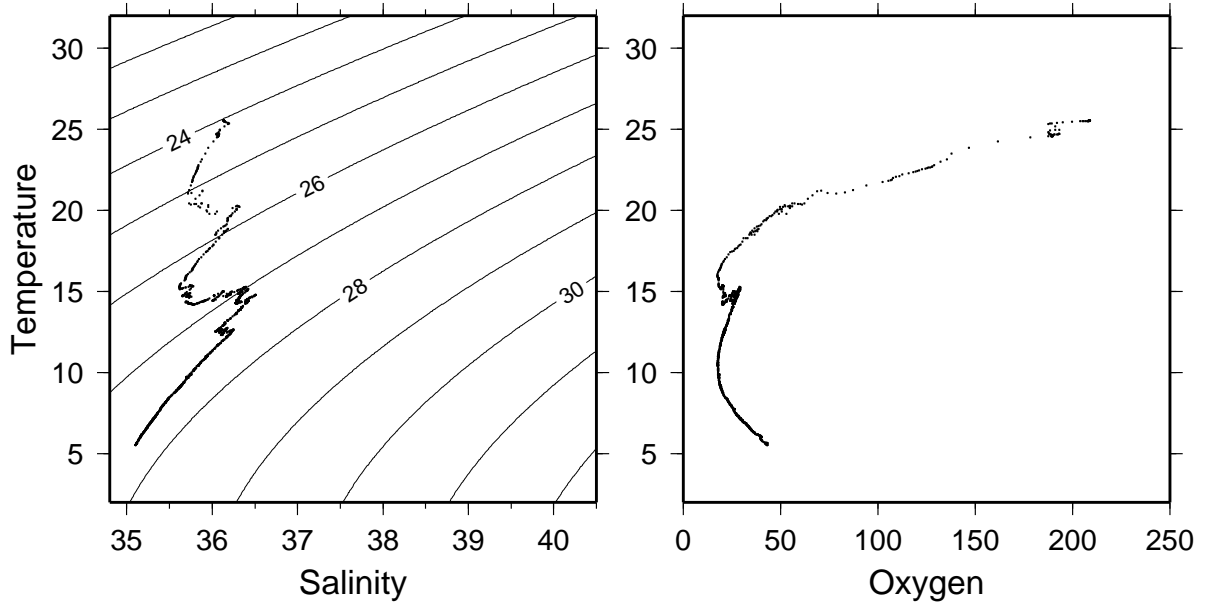
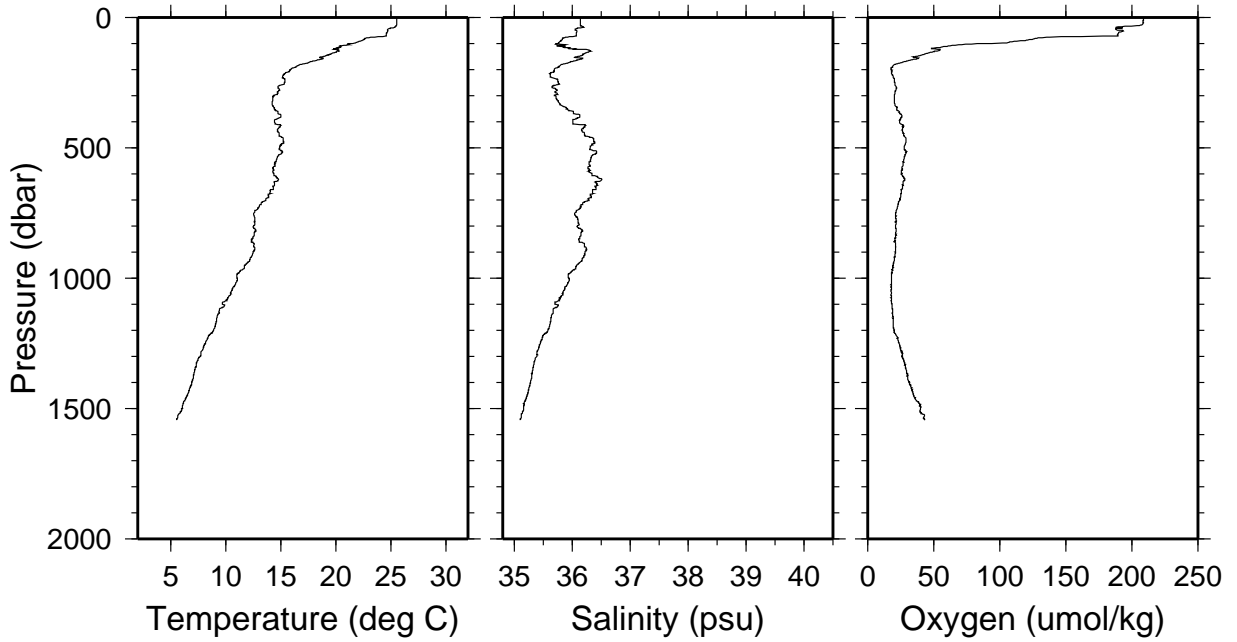


Redsox-1 **Station 189**
Latitude: 11° 5.01 N
Longitude: 045° 59.96 E
Date: 05-03-2001 0543 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.523	25.520	36.136	208.7	24.040
20	25.520	25.516	36.137	208.6	24.042
30	25.494	25.488	36.144	205.5	24.056
40	24.979	24.970	36.091	193.1	24.175
50	24.707	24.696	36.071	192.8	24.243
60	24.611	24.598	36.071	189.9	24.274
70	24.563	24.548	36.069	189.6	24.286
80	22.672	22.656	35.833	127.6	24.665
90	22.302	22.284	35.803	115.9	24.748
100	21.267	21.247	35.732	87.1	24.983
110	20.402	20.381	35.792	60.0	25.265
120	19.802	19.780	35.967	49.2	25.558
130	20.076	20.052	36.289	50.6	25.731
140	19.494	19.468	36.179	43.0	25.801
150	18.757	18.730	36.067	35.4	25.906
160	18.686	18.658	36.150	35.9	25.988
170	17.685	17.656	35.973	27.6	26.103
180	16.822	16.793	35.823	20.4	26.195
190	16.350	16.319	35.772	18.7	26.268
200	15.870	15.838	35.689	17.8	26.315
250	15.320	15.281	35.755	20.5	26.492
300	14.335	14.290	35.699	20.3	26.666
350	14.400	14.348	35.900	22.0	26.809
400	14.435	14.375	36.009	24.2	26.887
450	14.834	14.765	36.213	27.1	26.959
500	14.886	14.809	36.310	27.7	27.025
550	14.594	14.510	36.316	27.3	27.095
600	14.367	14.276	36.336	25.7	27.161
650	14.270	14.173	36.392	26.4	27.227
700	13.644	13.542	36.286	24.3	27.278
750	12.538	12.434	36.041	21.2	27.313
800	12.508	12.397	36.091	21.0	27.359
900	12.499	12.373	36.222	20.7	27.465
1000	11.014	10.884	35.938	18.0	27.528
1250	8.145	8.008	35.451	23.5	27.627
1500	6.025	5.882	35.161	39.7	27.695

Redsox-1 Station 189
Latitude: 11 05.01 N
Longitude: 045 59.96 E
Date: 05-03-2001
Time: 0543 GMT

Rsx1-189



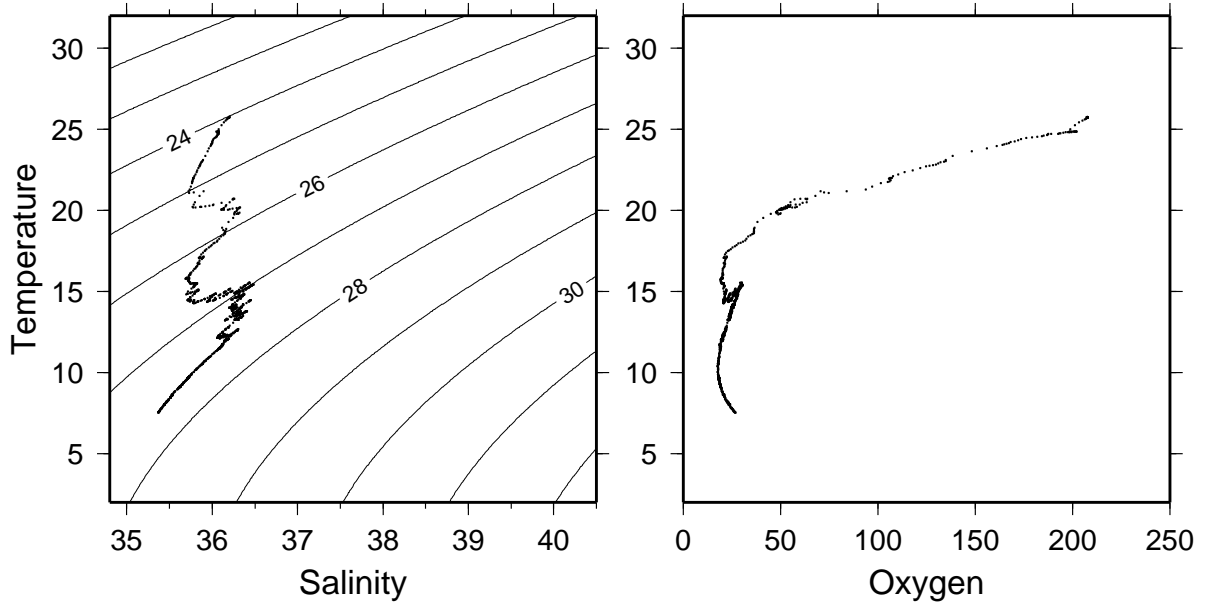
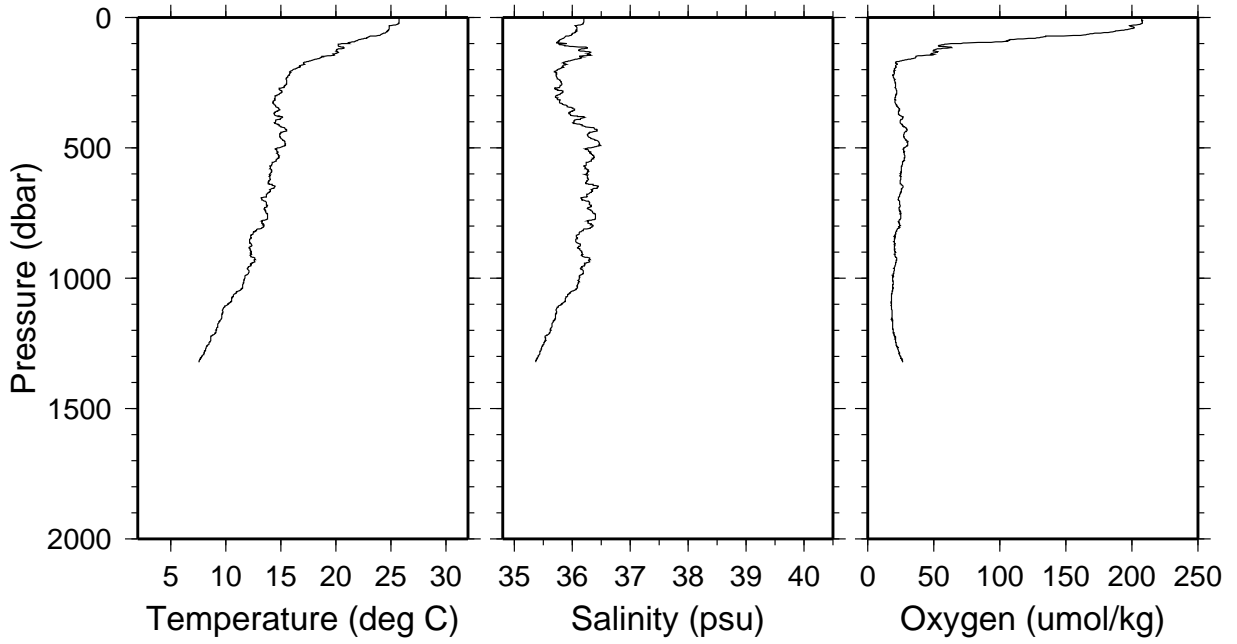
Redsox-1 **Station 190**
Latitude: 11° 0.02 N
Longitude: 045° 59.91 E
Date: 05-03-2001 0722 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.746	25.744	36.195	207.5	24.016
20	25.728	25.724	36.194	207.8	24.021
30	25.004	24.998	36.075	198.7	24.154
40	24.854	24.845	36.078	201.8	24.203
50	24.729	24.718	36.071	192.4	24.237
60	24.376	24.363	36.016	173.5	24.302
70	23.656	23.641	35.944	148.2	24.463
80	22.704	22.688	35.850	124.6	24.668
90	21.852	21.834	35.770	106.5	24.849
100	20.905	20.886	35.850	68.0	25.172
110	20.279	20.259	35.965	54.1	25.429
120	20.304	20.281	36.167	53.8	25.577
130	20.069	20.045	36.205	51.4	25.669
140	19.807	19.781	36.256	48.0	25.778
150	18.847	18.820	36.167	36.2	25.959
160	18.128	18.100	36.062	31.8	26.061
170	17.385	17.356	35.889	22.1	26.111
180	17.156	17.126	35.903	22.3	26.177
190	16.722	16.691	35.851	21.4	26.242
200	16.098	16.066	35.744	20.4	26.305
250	15.514	15.475	35.811	20.8	26.491
300	14.545	14.500	35.724	21.0	26.640
350	14.818	14.765	36.021	23.9	26.812
400	14.510	14.450	36.031	24.6	26.888
450	14.885	14.816	36.262	27.3	26.986
500	14.813	14.736	36.308	27.5	27.040
550	14.592	14.508	36.332	27.2	27.108
600	14.014	13.925	36.248	24.7	27.168
650	14.453	14.354	36.447	26.7	27.230
700	13.258	13.158	36.165	23.5	27.264
750	13.689	13.578	36.368	24.6	27.334
800	13.487	13.370	36.359	24.2	27.370
900	12.300	12.175	36.169	20.7	27.463
1000	11.726	11.592	36.122	18.7	27.539
1250	8.470	8.330	35.512	21.4	27.625

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1323.3	1	7.549	7.409	35.385	27.7
1043.2	2	11.394	11.256	36.057	19.4
925.8	3	12.617	12.487	36.284	21.7
767.0	4	13.795	13.682	36.399	24.4
651.4	5	14.433	14.334	36.441	33.9
491.4	6	15.373	15.296	36.444	29.7
132.6	7	20.156	20.131	36.297	52.7
2.0	8	25.783	25.783	36.183	211.0

Redsox-1 Station 190
Latitude: 11 00.02 N
Longitude: 045 59.91 E
Date: 05-03-2001
Time: 0722 GMT

Rsx1-190

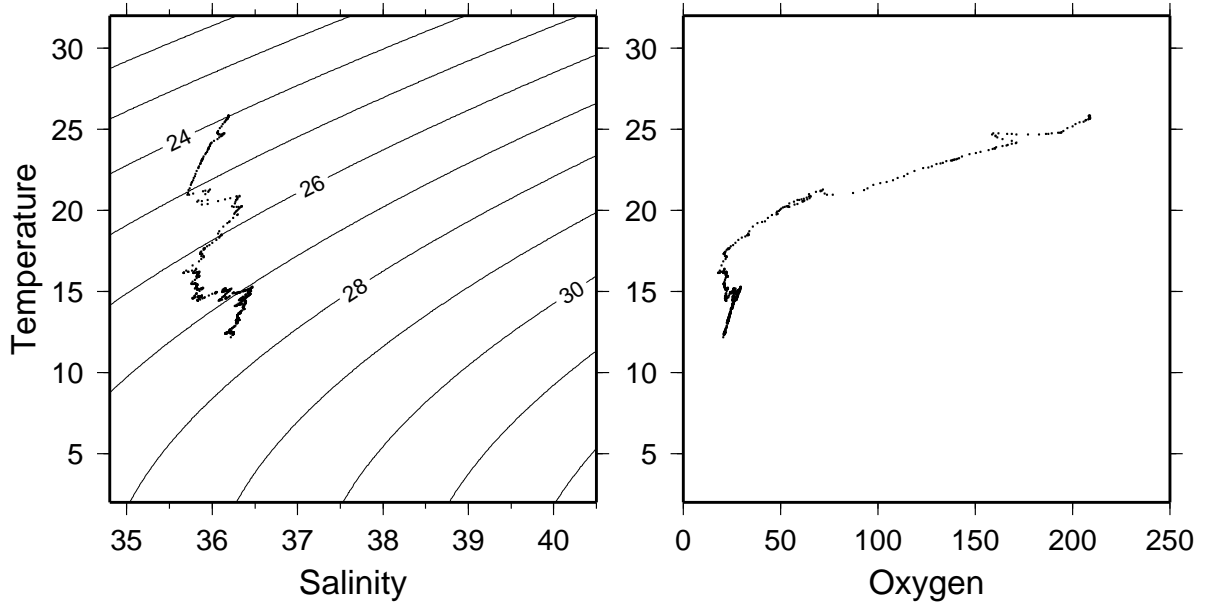
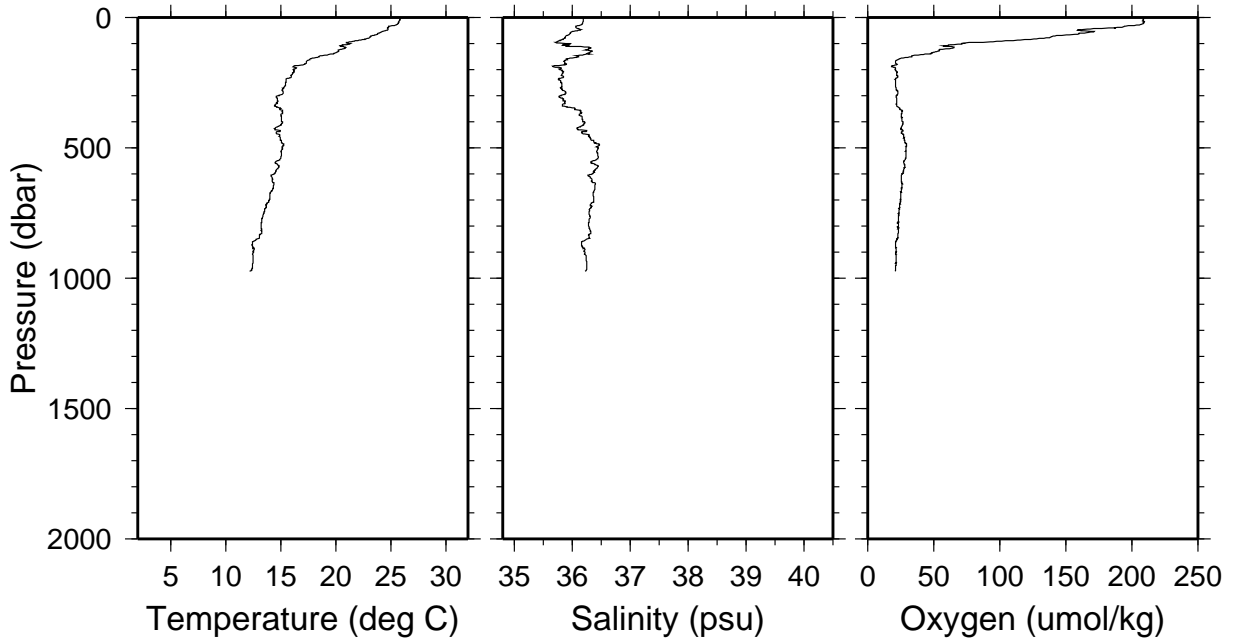


Redsox-1 **Station 191**
Latitude: 10° 57.83 N
Longitude: 045° 59.72 E
Date: 05-03-2001 0917 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.790	25.787	36.190	208.7	23.998
20	25.683	25.678	36.181	209.0	24.025
30	25.309	25.303	36.124	201.6	24.098
40	24.701	24.692	36.072	187.6	24.246
50	24.561	24.550	36.103	160.5	24.312
60	23.891	23.879	35.963	160.7	24.407
70	23.230	23.216	35.893	141.5	24.549
80	22.875	22.859	35.862	132.1	24.629
90	21.756	21.738	35.767	104.4	24.874
100	21.203	21.183	35.920	71.0	25.144
110	20.406	20.385	35.949	58.7	25.383
120	20.684	20.661	36.290	60.6	25.569
130	20.257	20.233	36.345	52.9	25.726
140	19.706	19.681	36.291	45.6	25.831
150	18.479	18.453	36.106	33.3	26.006
160	17.626	17.599	35.901	23.4	26.061
170	17.310	17.281	35.861	20.9	26.107
180	17.140	17.110	35.902	22.4	26.180
190	16.201	16.171	35.713	19.3	26.257
200	16.125	16.093	35.786	20.7	26.331
250	15.442	15.403	35.811	20.9	26.508
300	14.763	14.718	35.796	21.7	26.648
350	14.915	14.862	36.042	24.3	26.806
400	15.094	15.032	36.196	26.4	26.888
450	14.920	14.851	36.287	27.2	26.998
500	15.142	15.064	36.446	29.1	27.073
550	14.617	14.534	36.349	27.4	27.115
600	14.415	14.324	36.350	26.3	27.162
650	14.306	14.208	36.386	25.8	27.214
700	13.922	13.818	36.372	24.9	27.286
750	13.451	13.342	36.293	23.5	27.325
800	13.200	13.085	36.283	23.1	27.370
900	12.504	12.378	36.221	21.2	27.464

Redsox-1 Station 191
Latitude: 10 57.83 N
Longitude: 045 59.72 E
Date: 05-03-2001
Time: 0917 GMT

Rsx1-191



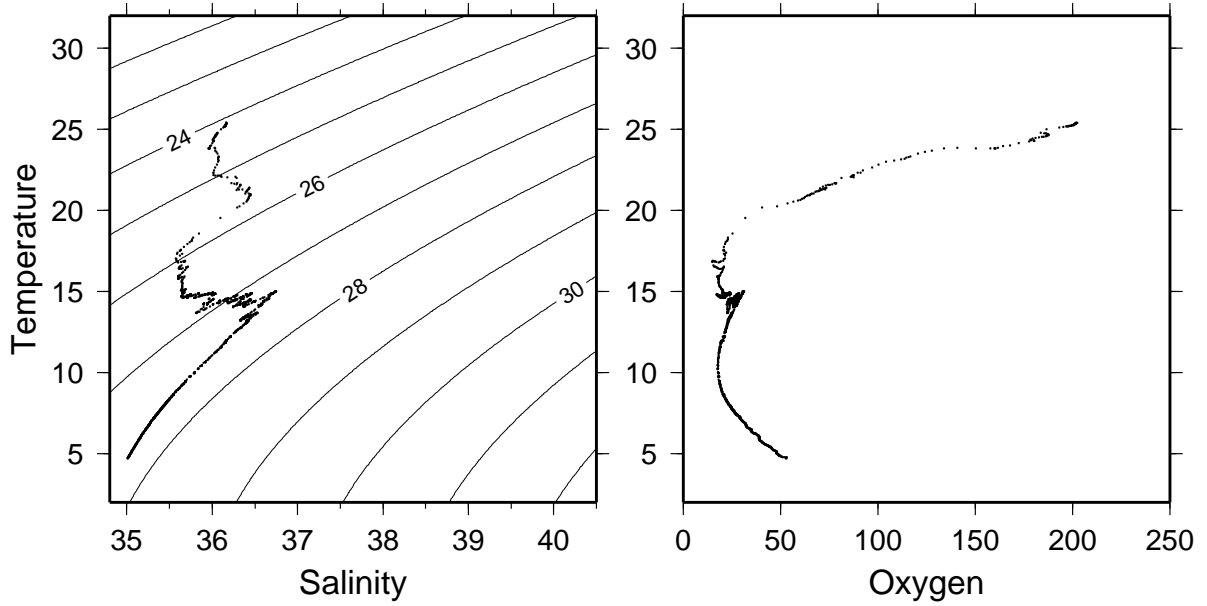
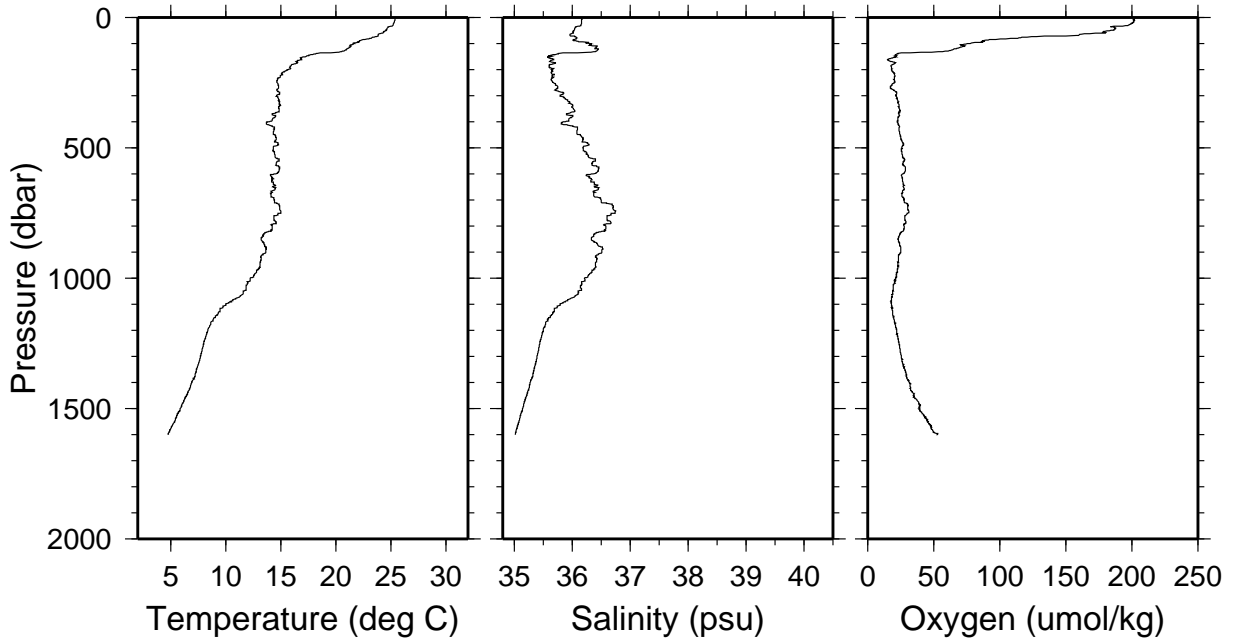
Redsox-1 **Station 192**
Latitude: 11° 8.77 N
Longitude: 045° 30.15 E
Date: 05-03-2001 1302 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.370	25.368	36.164	201.5	24.108
20	25.272	25.267	36.159	200.6	24.135
30	25.176	25.169	36.146	197.0	24.156
40	24.688	24.680	36.050	187.4	24.233
50	24.525	24.514	36.029	184.1	24.267
60	24.267	24.255	36.016	177.7	24.335
70	23.830	23.815	35.974	150.2	24.433
80	23.138	23.121	36.071	111.9	24.711
90	22.141	22.123	36.060	87.3	24.989
100	21.592	21.572	36.288	76.6	25.317
110	21.386	21.365	36.432	73.3	25.484
120	21.030	21.007	36.427	65.9	25.579
130	20.598	20.574	36.409	58.9	25.683
140	18.107	18.083	35.756	22.3	25.831
150	17.220	17.195	35.619	21.4	25.943
160	16.872	16.846	35.677	15.7	26.071
170	16.386	16.358	35.617	18.5	26.139
180	16.035	16.006	35.625	19.1	26.227
190	15.802	15.772	35.601	18.2	26.262
200	15.652	15.620	35.644	18.1	26.330
250	14.657	14.620	35.670	20.3	26.572
300	14.607	14.562	35.793	21.2	26.680
350	14.832	14.778	36.021	24.0	26.808
400	13.892	13.834	35.865	22.5	26.891
450	14.469	14.401	36.138	24.5	26.981
500	14.305	14.230	36.183	25.9	27.053
550	14.823	14.738	36.398	27.7	27.108
600	14.407	14.317	36.333	26.7	27.150
650	14.311	14.213	36.390	26.9	27.217
700	14.398	14.292	36.498	27.4	27.283
750	14.995	14.878	36.742	30.2	27.343
800	14.209	14.088	36.576	27.4	27.387
900	13.624	13.492	36.512	25.0	27.464
1000	12.189	12.051	36.206	21.1	27.517
1250	7.988	7.852	35.438	23.7	27.641
1500	5.858	5.717	35.142	39.2	27.701

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1600.9	1	4.712	4.574	35.031	53.5
899.8	2	13.601	13.469	36.505	24.9
741.5	3	14.881	14.766	36.701	29.7
504.1	4	14.366	14.290	36.212	24.6
124.9	5	20.887	20.863	36.442	62.8
100.0	6	21.676	21.656	36.307	76.9
50.4	7	24.544	24.533	36.033	186.1
3.4	8	25.367	25.366	36.163	206.8

Redsox-1 Station 192
Latitude: 11 08.77 N
Longitude: 045 30.15 E
Date: 05-03-2001
Time: 1302 GMT

Rsx1-192

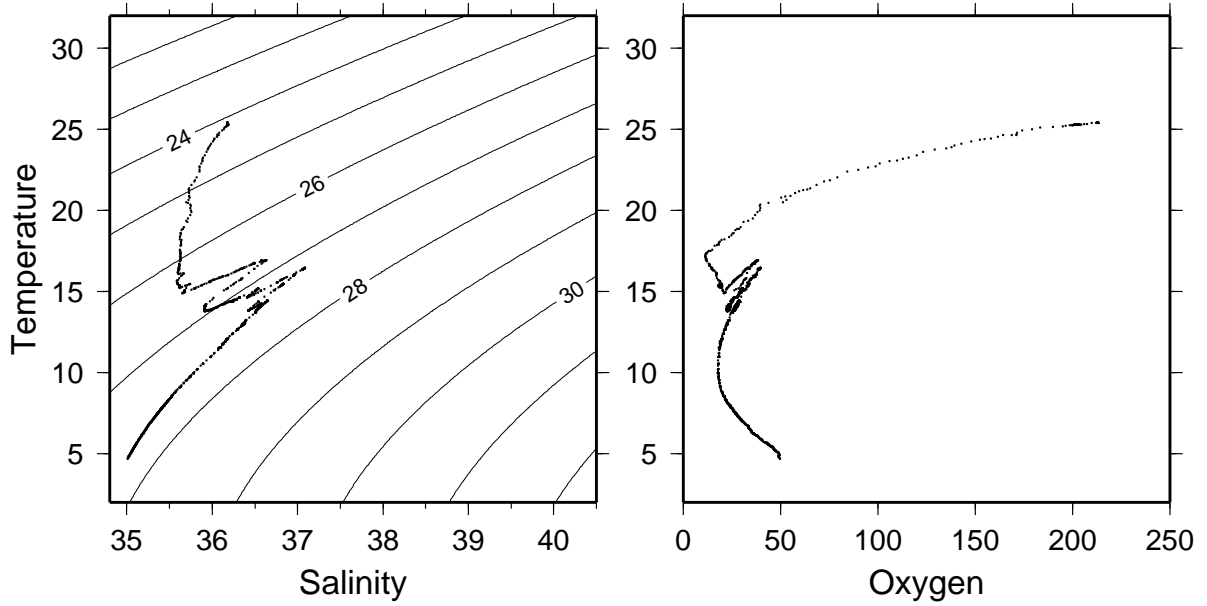
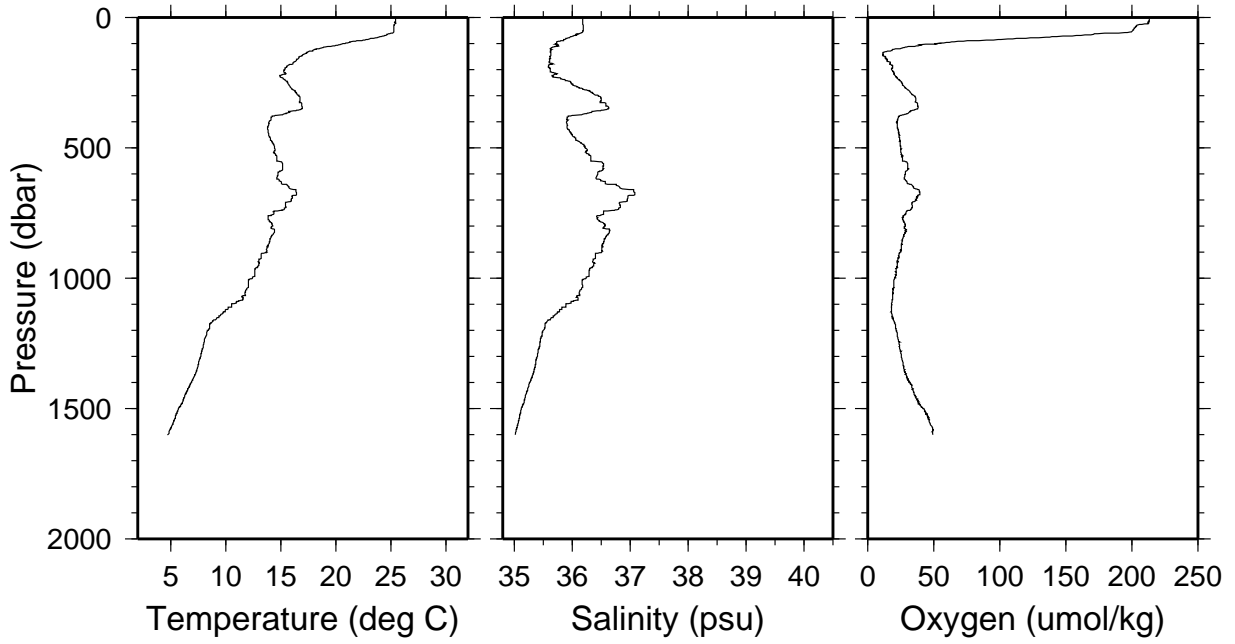


Redsox-1 **Station 193**
Latitude: 11° 8.24 N
Longitude: 045° 22.46 E
Date: 05-03-2001 1504 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.407	25.404	36.177	213.0	24.107
20	25.393	25.389	36.179	212.5	24.113
30	25.282	25.276	36.187	203.7	24.154
40	25.280	25.272	36.187	202.0	24.156
50	25.274	25.263	36.186	201.0	24.157
60	25.090	25.077	36.142	183.2	24.181
70	24.377	24.362	36.023	154.9	24.308
80	23.258	23.241	35.892	115.8	24.540
90	21.871	21.854	35.800	75.4	24.867
100	20.799	20.780	35.739	50.2	25.116
110	19.501	19.481	35.716	35.7	25.444
120	18.356	18.335	35.618	23.4	25.662
130	17.576	17.554	35.623	14.9	25.859
140	17.146	17.123	35.629	11.4	25.967
150	16.669	16.644	35.611	13.4	26.068
160	16.469	16.443	35.610	14.6	26.114
170	16.269	16.241	35.603	16.0	26.156
180	15.949	15.920	35.635	17.0	26.255
190	15.503	15.474	35.595	18.7	26.326
200	15.335	15.304	35.622	18.0	26.384
250	15.611	15.572	35.975	25.8	26.596
300	16.654	16.604	36.453	35.1	26.725
350	16.883	16.824	36.621	37.6	26.802
400	13.932	13.874	35.904	22.3	26.913
450	13.909	13.843	35.998	23.6	26.992
500	14.401	14.326	36.218	25.0	27.059
550	14.628	14.544	36.321	26.5	27.091
600	14.754	14.662	36.436	28.4	27.154
650	15.721	15.616	36.815	34.6	27.233
700	15.974	15.860	36.955	36.7	27.285
750	14.345	14.231	36.540	29.0	27.329
800	14.252	14.131	36.574	28.2	27.376
900	13.711	13.578	36.511	25.0	27.445
1000	12.404	12.265	36.241	20.6	27.502
1250	8.006	7.870	35.441	23.7	27.640
1500	5.686	5.547	35.118	42.2	27.704

Redsox-1 Station 193
Latitude: 11 08.24 N
Longitude: 045 22.46 E
Date: 05-03-2001
Time: 1504 GMT

Rsx1-193



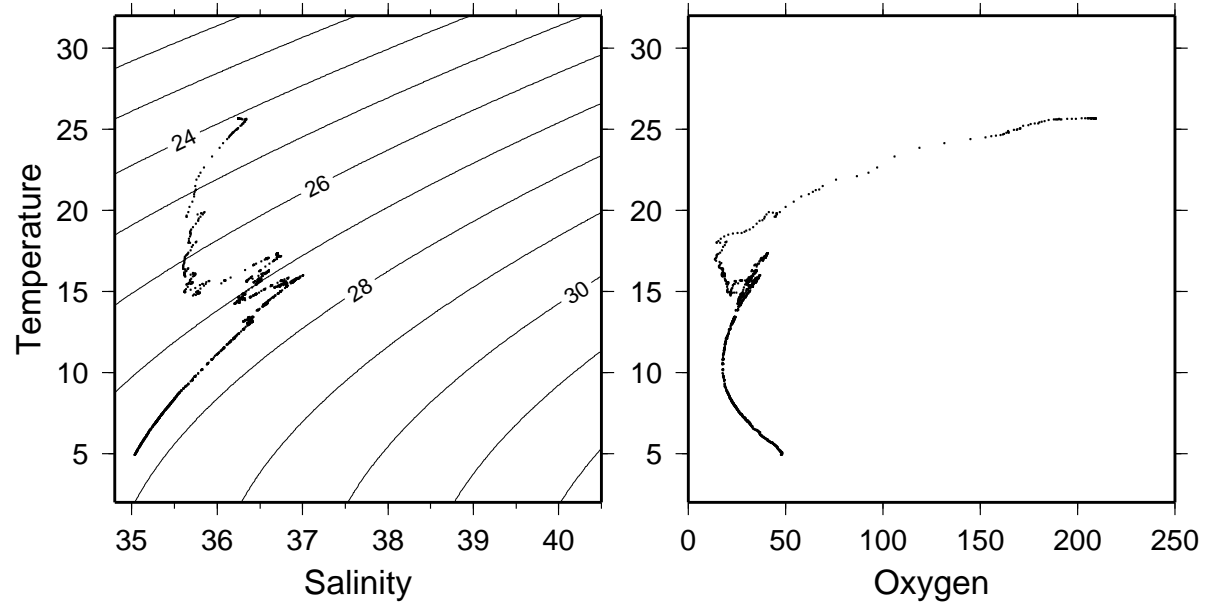
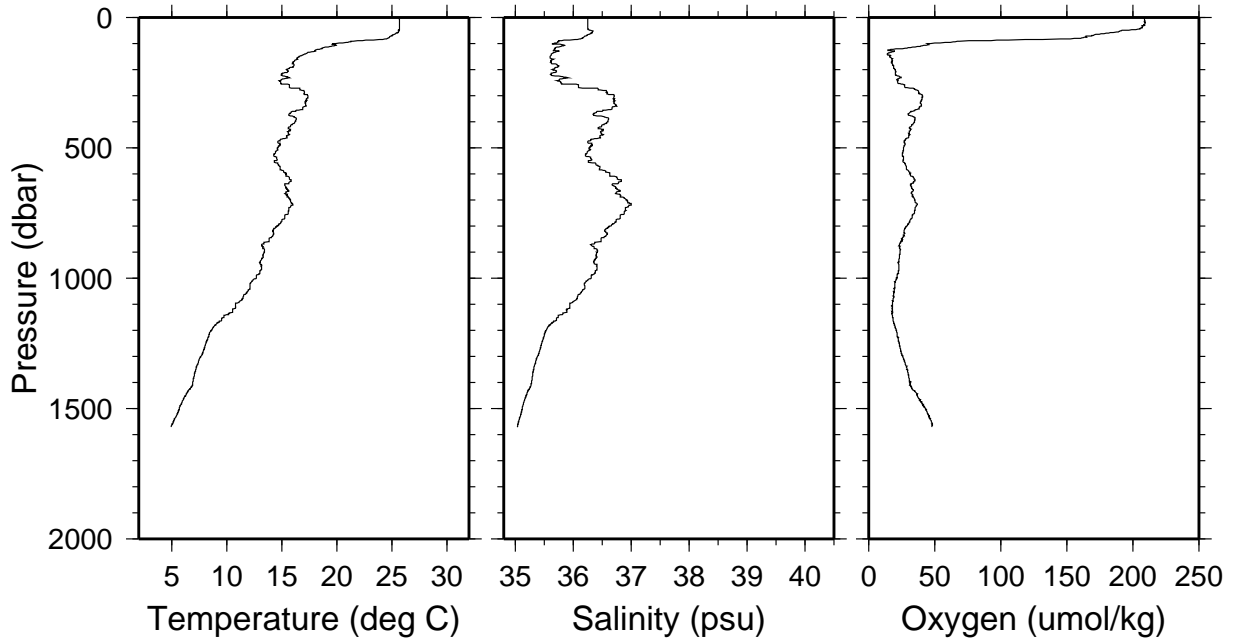
Redsox-1 **Station 194**
Latitude: 11° 8.13 N
Longitude: 045° 14.91 E
Date: 05-03-2001 1658 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.661	25.658	36.246	208.8	24.080
20	25.660	25.655	36.246	209.1	24.081
30	25.666	25.660	36.247	208.1	24.081
40	25.669	25.660	36.251	206.8	24.084
50	25.603	25.592	36.296	191.7	24.139
60	25.417	25.404	36.314	180.4	24.210
70	24.975	24.960	36.224	168.7	24.279
80	24.597	24.580	36.150	158.0	24.338
90	21.883	21.865	35.755	76.0	24.829
100	19.664	19.645	35.641	45.0	25.344
110	19.483	19.462	35.787	38.8	25.503
120	18.570	18.549	35.690	22.8	25.663
130	18.037	18.015	35.747	19.5	25.841
140	17.072	17.049	35.618	14.3	25.977
150	16.560	16.536	35.600	15.7	26.084
160	16.419	16.393	35.664	17.5	26.168
170	16.073	16.046	35.616	17.4	26.211
180	16.112	16.084	35.718	18.0	26.281
190	15.977	15.947	35.730	18.8	26.321
200	15.434	15.403	35.643	20.0	26.378
250	14.910	14.872	35.789	22.0	26.609
300	17.346	17.295	36.706	40.7	26.753
350	16.914	16.856	36.666	38.3	26.828
400	16.233	16.168	36.599	34.6	26.939
450	15.673	15.601	36.522	30.9	27.011
500	14.573	14.497	36.272	26.5	27.063
550	14.309	14.226	36.258	25.9	27.111
600	15.341	15.246	36.631	31.4	27.175
650	15.391	15.288	36.733	32.4	27.245
700	15.767	15.654	36.919	34.9	27.304
750	15.576	15.456	36.885	34.7	27.323
800	14.594	14.471	36.640	28.7	27.354
900	13.346	13.215	36.402	23.6	27.436
1000	12.671	12.530	36.309	21.4	27.502
1250	8.096	7.960	35.455	23.1	27.638
1500	5.684	5.545	35.118	42.9	27.704

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1572.1	1	4.900	4.763	35.032	49.8
1410.2	2	6.872	6.729	35.271	32.0
651.3	3	15.390	15.287	36.731	32.2
532.4	4	14.233	14.154	36.202	24.7
307.3	5	17.376	17.324	36.711	40.0
100.9	6	19.620	19.602	35.667	40.3
50.6	7	25.605	25.594	36.319	194.1
2.8	8	25.647	25.646	36.244	213.3

Redsox-1 Station 194
Latitude: 11 08.13 N
Longitude: 045 14.91 E
Date: 05-03-2001
Time: 1658 GMT

Rsx1-194

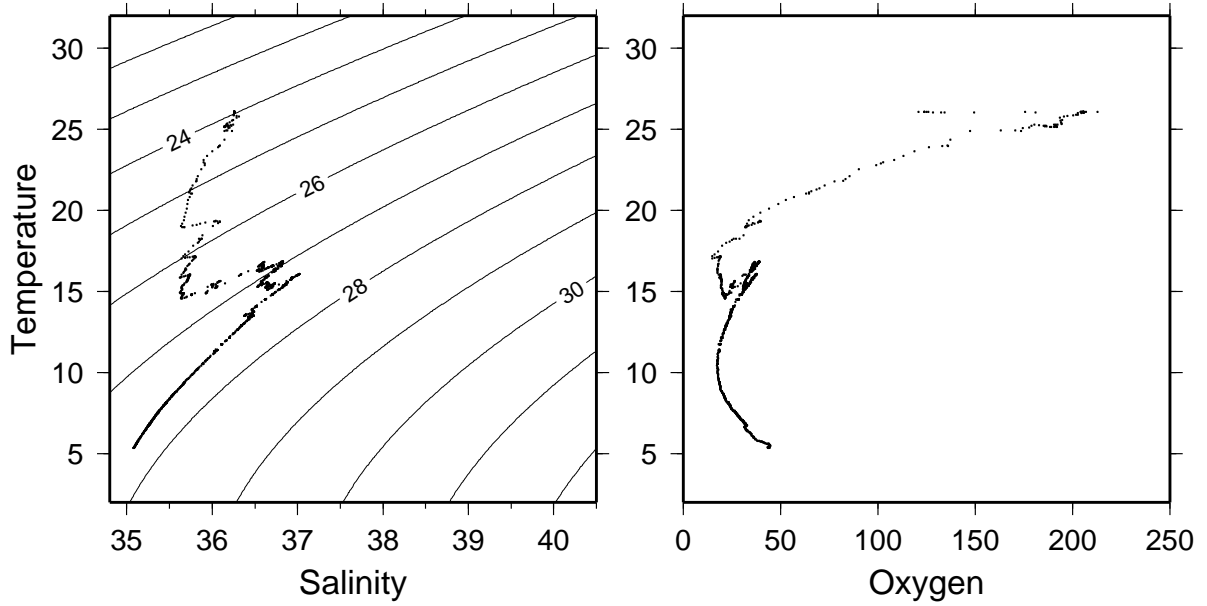
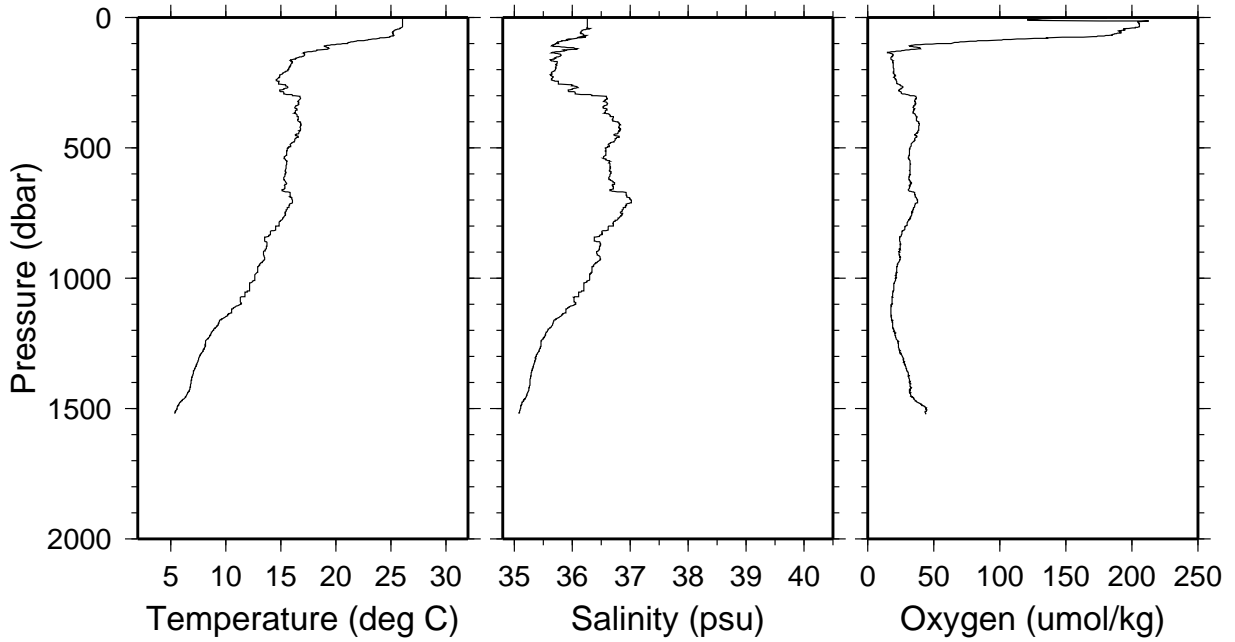


Redsox-1 **Station 195**
Latitude: 11° 7.52 N
Longitude: 045° 8.02 E
Date: 05-03-2001 1858 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.055	26.052	36.258	120.7	23.967
20	26.056	26.051	36.262	205.0	23.970
30	26.052	26.046	36.262	205.7	23.971
40	25.888	25.879	36.255	201.9	24.018
50	25.298	25.287	36.168	192.4	24.137
60	25.142	25.129	36.142	190.6	24.165
70	25.208	25.193	36.226	179.0	24.209
80	23.948	23.931	36.082	133.2	24.481
90	21.932	21.914	35.815	83.3	24.861
100	20.821	20.802	35.734	57.0	25.106
110	18.961	18.942	35.666	31.9	25.545
120	19.307	19.286	36.088	39.8	25.779
130	18.013	17.990	35.834	22.0	25.913
140	17.154	17.131	35.785	18.8	26.086
150	16.895	16.870	35.764	18.3	26.131
160	16.201	16.176	35.667	17.5	26.220
170	16.031	16.004	35.736	19.0	26.313
180	15.896	15.868	35.725	19.4	26.336
190	15.792	15.762	35.716	19.4	26.353
200	15.674	15.642	35.708	19.6	26.374
250	14.799	14.761	35.757	22.0	26.609
300	16.054	16.006	36.337	33.8	26.775
350	16.458	16.400	36.598	35.3	26.884
400	16.754	16.687	36.787	38.3	26.962
450	16.315	16.242	36.718	35.7	27.014
500	15.633	15.553	36.578	31.9	27.065
550	15.575	15.487	36.647	32.0	27.133
600	15.384	15.289	36.657	31.8	27.185
650	15.373	15.271	36.714	31.7	27.234
700	16.055	15.941	37.012	37.6	27.310
750	15.369	15.250	36.839	33.5	27.335
800	14.765	14.641	36.683	28.9	27.350
900	13.407	13.276	36.420	23.9	27.437
1000	12.644	12.504	36.299	21.2	27.500
1250	8.137	8.000	35.460	23.2	27.635
1500	5.585	5.447	35.108	44.0	27.707

Redsox-1 Station 195
Latitude: 11 07.52 N
Longitude: 045 08.02 E
Date: 05-03-2001
Time: 1858 GMT

Rsx1-195



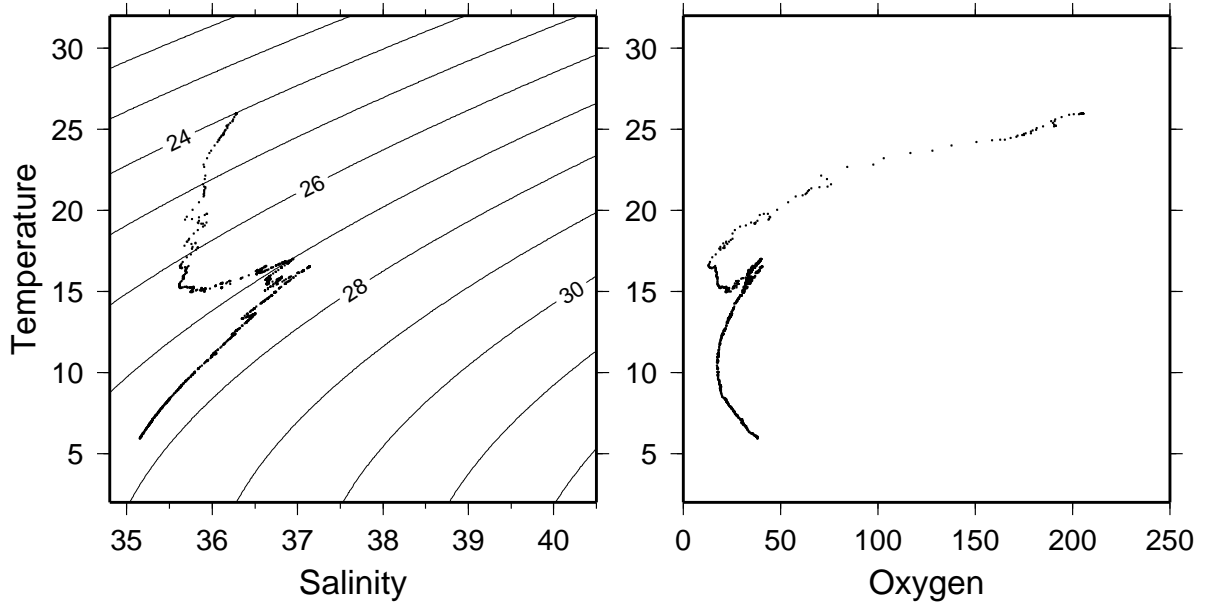
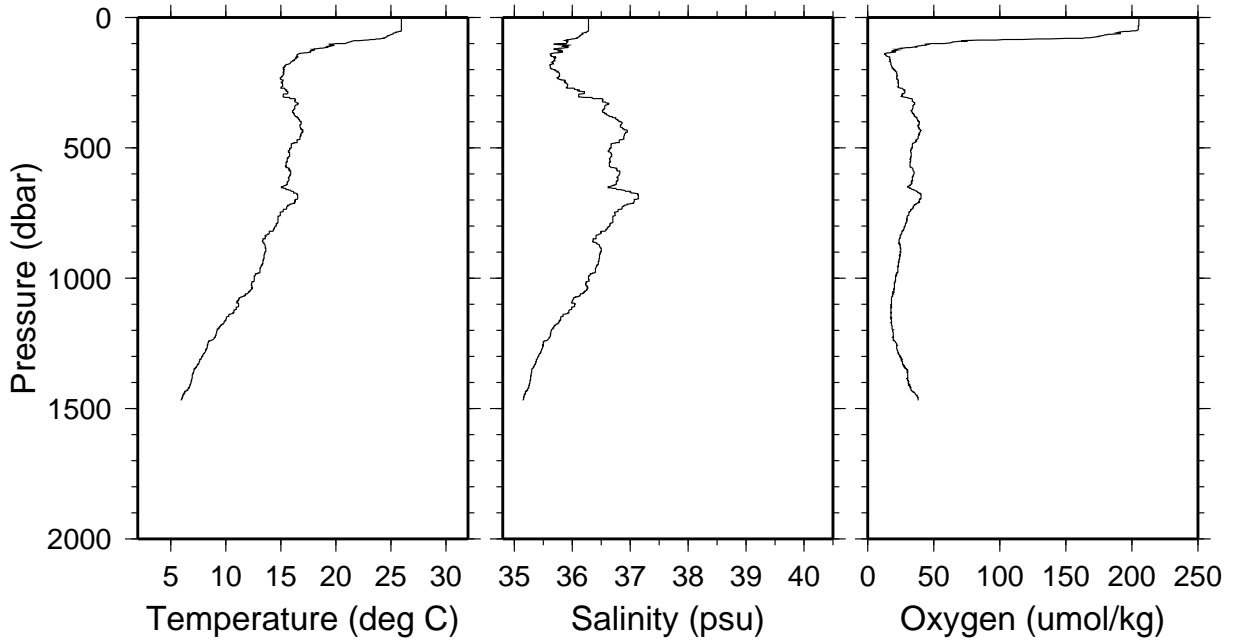
Redsox-1 **Station 196**
Latitude: 11° 7.57 N
Longitude: 045° 0.02 E
Date: 05-03-2001 2143 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.963	25.961	36.280	205.2	24.012
20	25.968	25.963	36.280	205.3	24.011
30	25.970	25.963	36.280	205.1	24.011
40	25.967	25.958	36.280	204.7	24.013
50	25.957	25.946	36.280	203.9	24.016
60	25.225	25.212	36.174	191.2	24.164
70	24.740	24.725	36.134	175.8	24.283
80	24.307	24.290	36.074	158.6	24.368
90	21.615	21.597	35.890	76.0	25.007
100	20.510	20.491	35.842	53.9	25.273
110	19.259	19.239	35.829	37.1	25.594
120	18.175	18.154	35.720	24.5	25.786
130	17.732	17.710	35.833	20.9	25.982
140	16.601	16.579	35.627	12.9	26.095
150	16.500	16.476	35.684	15.8	26.163
160	16.271	16.245	35.687	16.7	26.219
170	15.977	15.950	35.662	16.8	26.268
180	15.564	15.536	35.628	17.5	26.337
190	15.322	15.292	35.616	18.4	26.382
200	15.292	15.261	35.693	20.0	26.448
250	15.076	15.037	35.876	22.9	26.639
300	15.232	15.186	36.112	25.6	26.789
350	16.242	16.185	36.552	33.9	26.899
400	16.783	16.716	36.823	38.9	26.982
450	16.812	16.737	36.897	38.9	27.035
500	15.933	15.852	36.671	33.5	27.068
550	15.586	15.498	36.657	32.3	27.138
600	15.882	15.785	36.818	34.9	27.197
650	15.052	14.950	36.618	30.5	27.231
700	16.282	16.167	37.066	38.9	27.299
750	14.927	14.810	36.727	31.1	27.346
800	14.549	14.427	36.644	28.2	27.367
900	13.574	13.441	36.489	24.8	27.456
1000	12.590	12.449	36.284	21.0	27.499
1250	8.375	8.235	35.498	21.7	27.629

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1468.2	1	5.938	5.799	35.155	38.4
1217.8	2	9.081	8.939	35.617	19.2
880.4	3	13.590	13.461	36.478	24.3
690.2	4	16.366	16.252	37.090	38.2
446.1	5	16.903	16.828	36.924	38.2
100.7	6	20.384	20.365	35.862	54.4
49.7	7	25.886	25.875	36.266	201.7
3.9	8	25.958	25.957	36.279	205.2

Redsox-1 Station 196
Latitude: 11 07.57 N
Longitude: 045 00.02 E
Date: 05-03-2001
Time: 2143 GMT

Rsx1-196

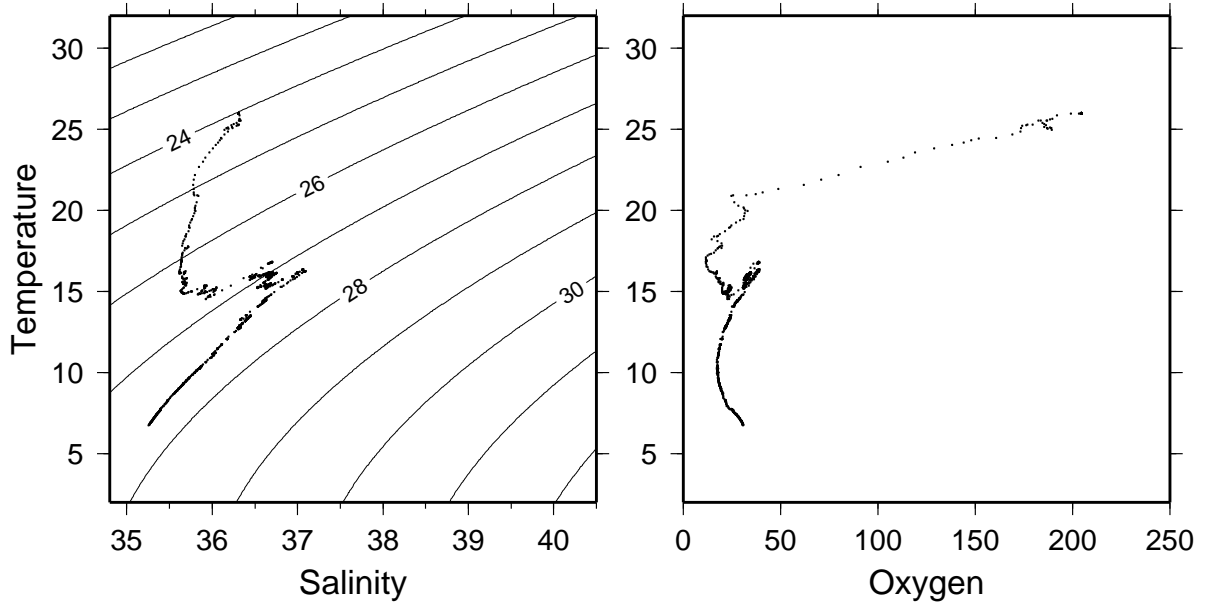
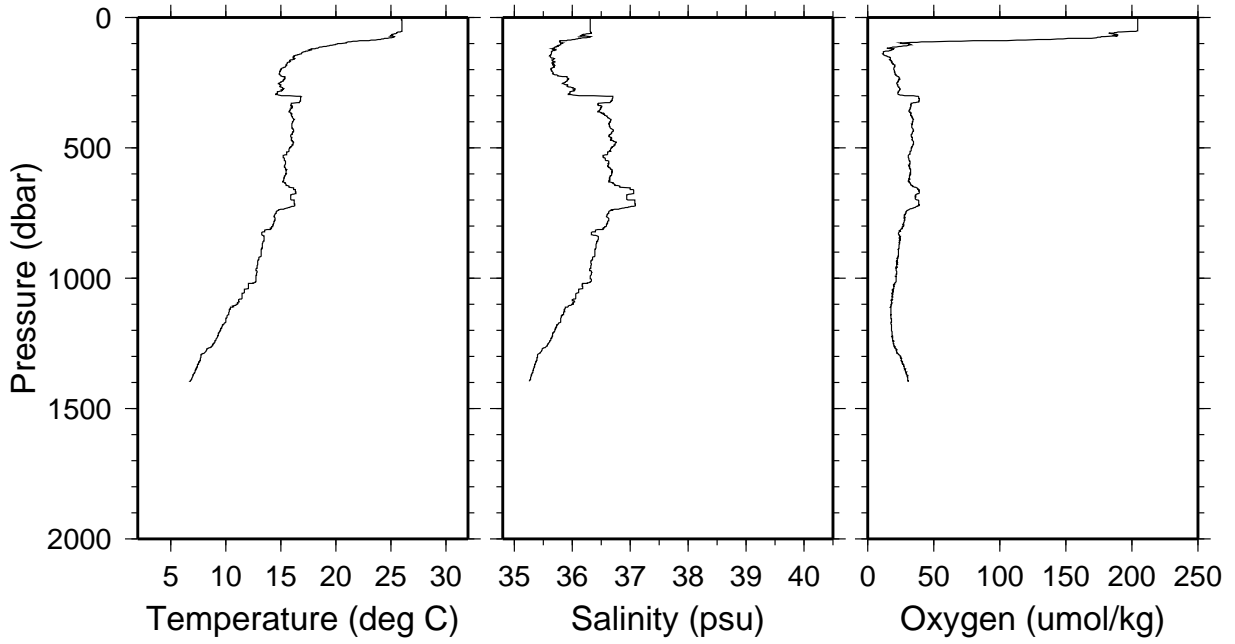


Redsox-1 **Station 197**
Latitude: 11° 7.06 N
Longitude: 044° 52.86 E
Date: 05-03-2001 2350 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.976	25.973	36.307	204.5	24.028
20	25.979	25.974	36.307	204.4	24.028
30	25.983	25.976	36.307	204.5	24.028
40	25.981	25.972	36.307	204.4	24.029
50	25.984	25.973	36.308	204.4	24.029
60	25.532	25.519	36.325	183.6	24.184
70	24.959	24.944	36.143	189.2	24.222
80	24.463	24.446	36.104	160.8	24.344
90	22.181	22.163	35.795	79.9	24.776
100	20.278	20.259	35.802	28.2	25.305
110	19.079	19.059	35.729	24.8	25.564
120	17.969	17.948	35.655	19.7	25.787
130	17.271	17.249	35.650	13.4	25.953
140	16.815	16.791	35.640	11.5	26.055
150	16.163	16.139	35.618	15.3	26.191
160	16.146	16.120	35.677	17.1	26.241
170	15.831	15.805	35.703	18.6	26.334
180	15.458	15.430	35.659	19.4	26.385
190	15.395	15.365	35.695	20.4	26.427
200	15.011	14.981	35.635	19.9	26.466
250	15.016	14.978	35.875	22.3	26.652
300	15.350	15.303	36.217	31.3	26.843
350	15.903	15.847	36.485	31.9	26.926
400	16.085	16.021	36.653	33.9	27.015
450	15.927	15.855	36.643	32.9	27.046
500	15.806	15.725	36.674	33.2	27.099
550	15.424	15.337	36.627	31.8	27.151
600	15.447	15.352	36.681	32.2	27.190
650	15.739	15.635	36.824	34.4	27.236
700	16.056	15.942	37.007	37.7	27.306
750	14.564	14.449	36.630	28.8	27.351
800	14.270	14.149	36.588	26.6	27.383
900	13.193	13.063	36.389	23.3	27.457
1000	12.716	12.575	36.309	21.4	27.493
1250	8.899	8.755	35.588	19.5	27.618

Redsox-1 Station 197
Latitude: 11 07.06 N
Longitude: 044 52.86 E
Date: 05-03-2001
Time: 2350 GMT

Rsx1-197



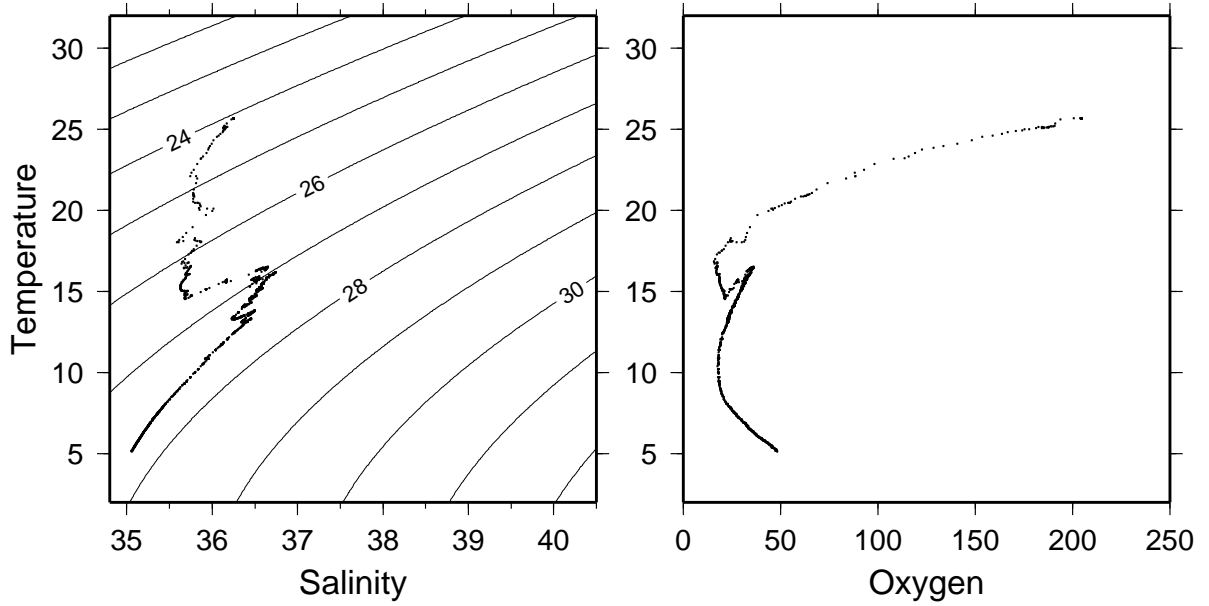
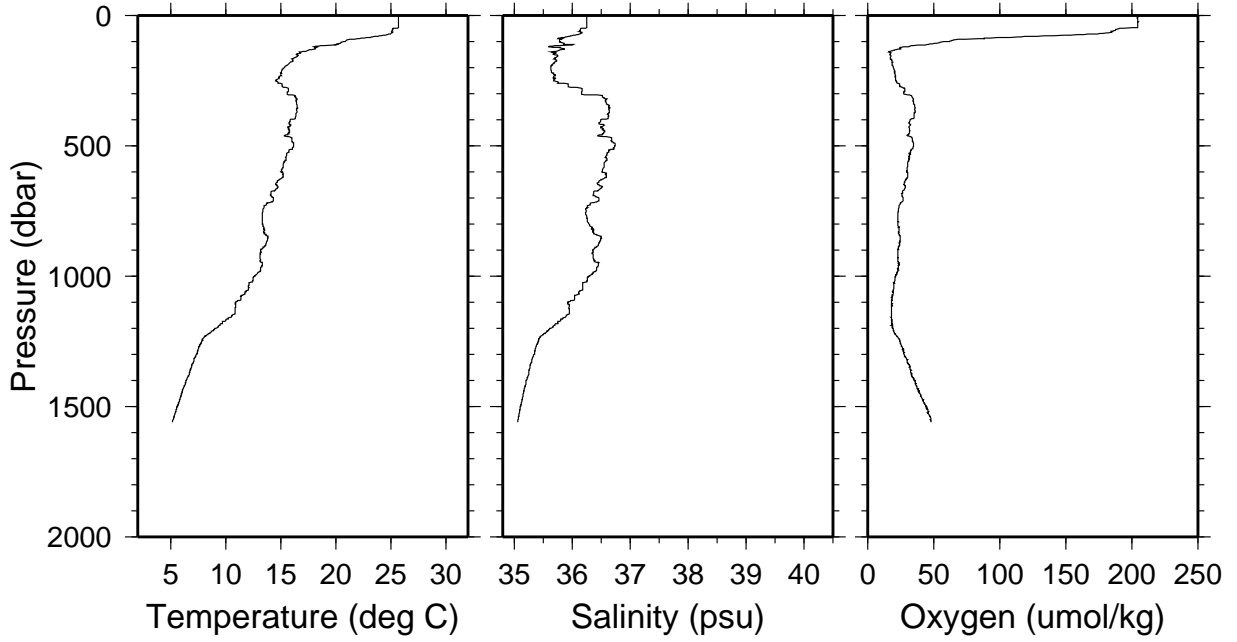
Redsox-1 **Station 198**
Latitude: 11° 22.51 N
Longitude: 045° 10.95 E
Date: 06-03-2001 0308 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.683	25.680	36.251	204.3	24.077
20	25.689	25.685	36.251	204.4	24.076
30	25.694	25.688	36.252	204.5	24.076
40	25.693	25.684	36.251	204.5	24.076
50	25.216	25.205	36.145	190.7	24.144
60	25.095	25.082	36.138	185.2	24.177
70	24.926	24.911	36.132	174.1	24.224
80	23.755	23.738	35.956	122.7	24.443
90	21.961	21.943	35.826	83.7	24.862
100	20.854	20.835	35.790	60.3	25.141
110	20.018	19.997	35.850	46.1	25.411
120	18.027	18.006	35.589	29.9	25.722
130	18.051	18.028	35.864	22.8	25.927
140	16.804	16.781	35.650	15.6	26.065
150	16.480	16.456	35.700	16.6	26.180
160	16.350	16.324	35.722	17.2	26.229
170	16.056	16.029	35.711	17.8	26.288
180	15.844	15.815	35.689	18.6	26.320
190	15.589	15.559	35.649	18.6	26.347
200	15.330	15.299	35.633	19.3	26.393
250	14.551	14.514	35.680	21.3	26.603
300	15.583	15.536	36.163	27.2	26.749
350	16.473	16.416	36.629	35.6	26.904
400	15.822	15.758	36.491	32.0	26.951
450	15.703	15.631	36.538	31.6	27.016
500	16.140	16.058	36.734	34.6	27.069
550	15.485	15.398	36.603	31.4	27.119
600	15.025	14.932	36.514	29.5	27.155
650	14.619	14.520	36.464	27.8	27.207
700	14.323	14.217	36.456	26.8	27.266
750	13.379	13.271	36.242	23.0	27.301
800	13.336	13.220	36.287	23.0	27.346
900	13.173	13.043	36.355	22.8	27.434
1000	12.606	12.465	36.291	21.1	27.501
1250	7.827	7.693	35.414	24.5	27.646
1500	5.572	5.434	35.104	44.0	27.706

Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Bottle Data	
				Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1559.1	1	5.166	5.027	35.061	48.9
1289.3	2	7.419	7.284	35.352	28.2
1134.1	3	10.851	10.705	35.952	18.7
855.4	4	13.709	13.583	36.471	25.1
503.4	5	16.147	16.065	36.735	35.4
100.1	6	20.427	20.408	35.816	54.1
49.6	7	25.194	25.183	36.144	195.7
2.9	8	25.656	25.655	36.248	209.4

Redsox-1 Station 198
Latitude: 11 22.51 N
Longitude: 045 10.95 E
Date: 06-03-2001
Time: 0308 GMT

Rsx1-198

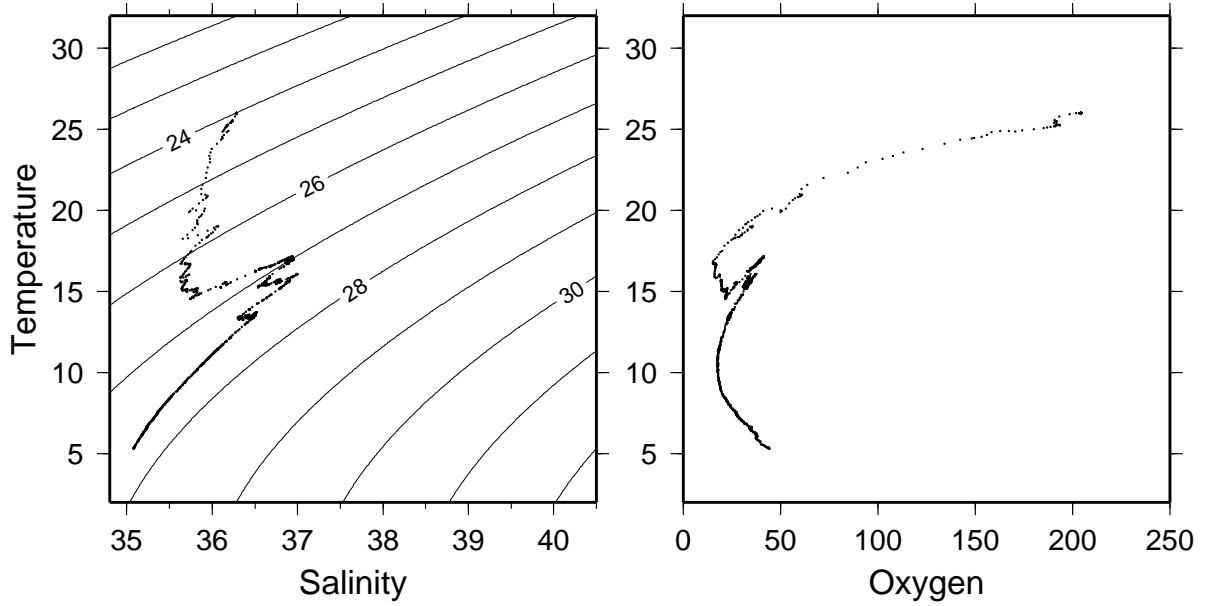
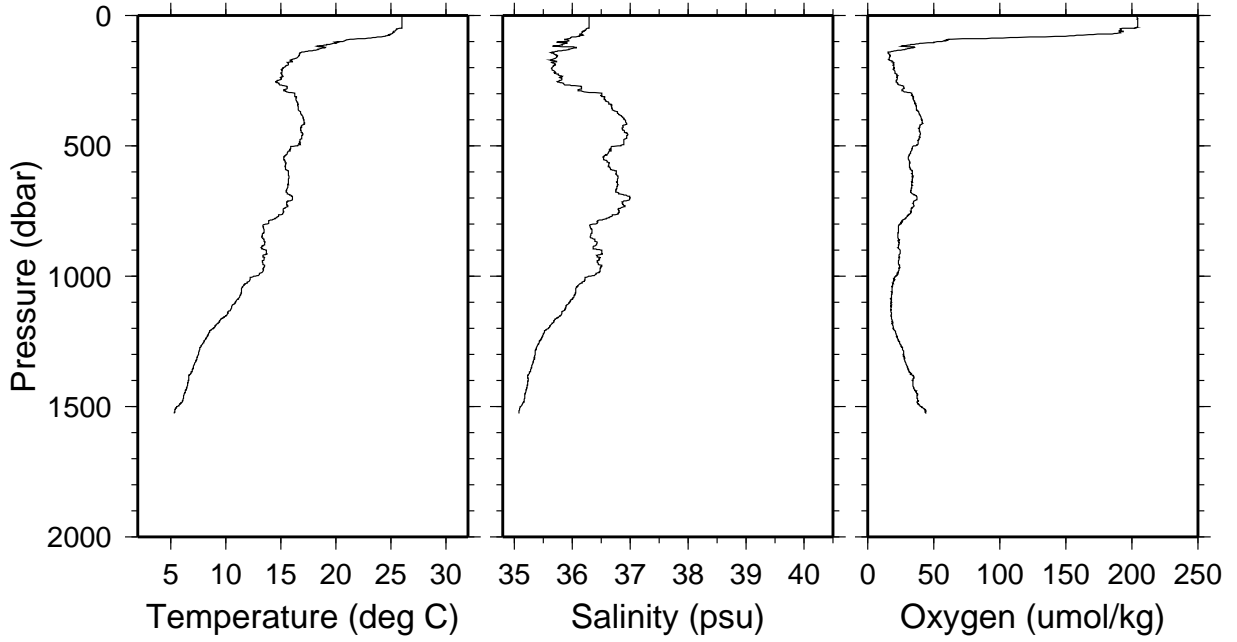


Redsox-1 **Station 199**
Latitude: 11° 14.36 N
Longitude: 045° 5.39 E
Date: 06-03-2001 0534 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.005	26.002	36.288	204.1	24.005
20	26.007	26.003	36.288	204.2	24.005
30	26.008	26.001	36.288	204.3	24.005
40	26.010	26.001	36.288	204.4	24.005
50	25.776	25.765	36.263	193.1	24.060
60	25.292	25.279	36.187	192.9	24.153
70	25.056	25.041	36.152	185.1	24.200
80	24.418	24.401	36.117	148.2	24.367
90	21.999	21.981	35.929	71.9	24.929
100	20.439	20.420	35.845	54.4	25.294
110	19.399	19.379	35.826	35.0	25.555
120	18.732	18.711	35.948	33.2	25.820
130	18.354	18.331	35.939	28.6	25.909
140	16.991	16.968	35.668	16.4	26.035
150	16.698	16.674	35.707	16.6	26.135
160	16.527	16.501	35.728	16.6	26.191
170	15.938	15.911	35.641	16.0	26.262
180	15.577	15.549	35.634	19.3	26.338
190	15.645	15.616	35.701	19.5	26.375
200	15.245	15.214	35.651	19.8	26.426
250	14.694	14.657	35.780	21.6	26.649
300	16.264	16.215	36.508	33.4	26.858
350	16.558	16.501	36.684	36.7	26.927
400	17.080	17.013	36.900	41.0	26.970
450	16.921	16.846	36.927	39.6	27.031
500	16.453	16.371	36.808	35.6	27.053
550	15.270	15.184	36.536	30.7	27.116
600	15.696	15.600	36.763	33.7	27.197
650	15.658	15.553	36.782	33.5	27.222
700	16.062	15.948	36.995	37.3	27.295
750	15.243	15.124	36.810	32.8	27.341
800	13.656	13.538	36.376	24.3	27.348
900	13.635	13.502	36.495	24.4	27.448
1000	12.624	12.483	36.307	21.1	27.510
1250	7.994	7.859	35.434	23.8	27.636
1500	5.558	5.420	35.105	40.3	27.708

Redsox-1 Station 199
Latitude: 11 14.36 N
Longitude: 045 05.39 E
Date: 06-03-2001
Time: 0534 GMT

Rsx1-199



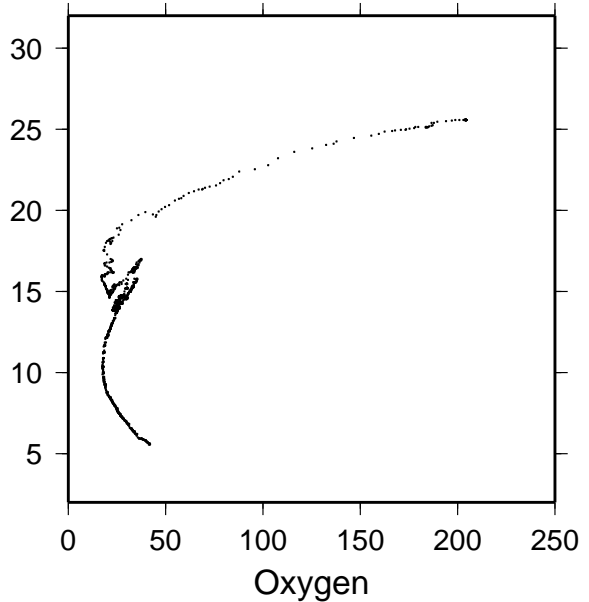
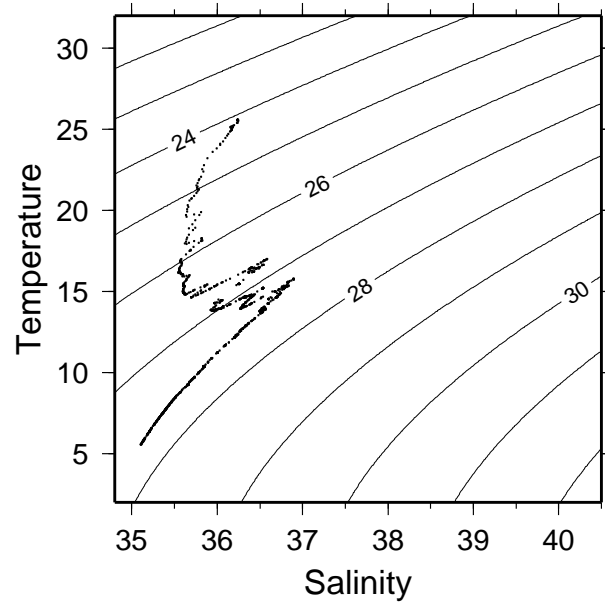
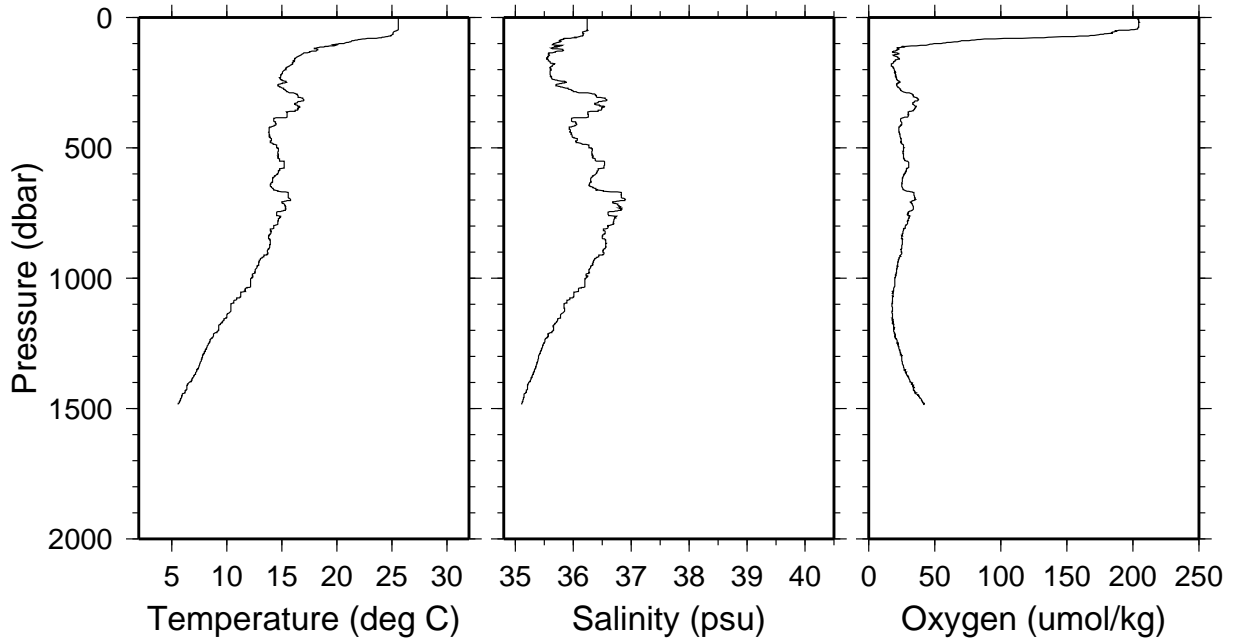
Redsox-1 **Station 200**
Latitude: 10° 59.95 N
Longitude: 045° 14.02 E
Date: 06-03-2001 0831 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.584	25.582	36.238	204.2	24.098
20	25.587	25.583	36.238	204.5	24.098
30	25.570	25.564	36.237	204.3	24.103
40	25.571	25.562	36.238	203.9	24.104
50	25.469	25.458	36.241	189.6	24.139
60	25.118	25.105	36.164	183.9	24.189
70	24.881	24.866	36.156	166.3	24.257
80	23.213	23.197	35.885	107.6	24.547
90	21.386	21.369	35.766	70.3	24.976
100	20.305	20.286	35.657	51.8	25.187
110	19.149	19.129	35.710	27.7	25.531
120	17.993	17.972	35.670	22.0	25.792
130	17.740	17.718	35.726	18.7	25.897
140	16.843	16.820	35.567	22.6	25.992
150	16.430	16.406	35.558	21.4	26.083
160	16.160	16.134	35.544	23.0	26.135
170	16.051	16.024	35.598	18.8	26.202
180	15.920	15.892	35.669	17.1	26.287
190	15.487	15.457	35.602	18.6	26.334
200	15.339	15.308	35.620	19.1	26.382
250	15.347	15.308	35.869	23.0	26.573
300	16.465	16.415	36.399	33.8	26.727
350	16.444	16.386	36.488	34.8	26.803
400	14.333	14.273	35.999	24.6	26.901
450	13.830	13.764	35.965	23.7	26.983
500	14.595	14.519	36.292	26.4	27.074
550	14.811	14.726	36.401	28.5	27.113
600	14.601	14.510	36.392	27.0	27.154
650	14.031	13.934	36.316	25.2	27.219
700	15.765	15.652	36.894	35.3	27.286
750	14.523	14.409	36.601	29.6	27.337
800	14.251	14.130	36.595	27.7	27.393
900	13.686	13.553	36.518	24.9	27.455
1000	12.226	12.088	36.215	19.9	27.517
1250	8.356	8.217	35.491	21.7	27.626

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1485.0	1	5.571	5.434	35.115	42.7
1194.0	2	9.265	9.125	35.657	19.4
1026.3	3	12.137	11.996	36.200	19.8
699.0	4	15.813	15.700	36.897	35.6
319.5	5	16.720	16.667	36.454	37.5
100.4	6	20.164	20.145	35.672	48.4
50.1	7	25.152	25.141	36.151	185.9
4.1	8	25.628	25.627	36.238	211.2

Redsox-1 Station 200
Latitude: 10 59.95 N
Longitude: 045 14.02 E
Date: 06-03-2001
Time: 0831 GMT

Rsx1-200



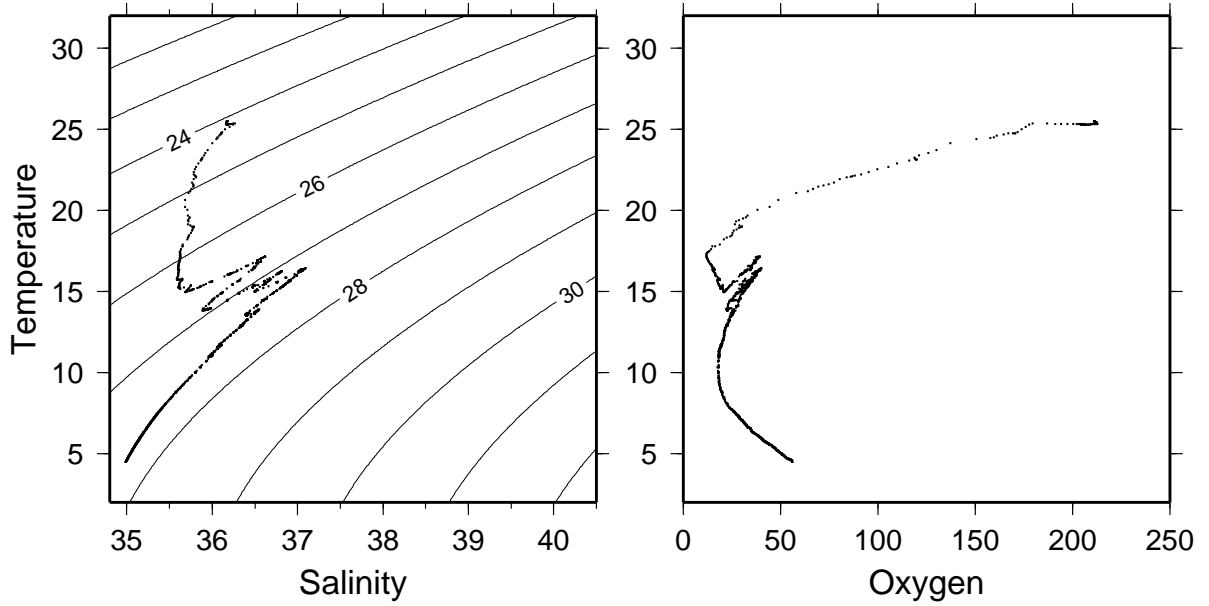
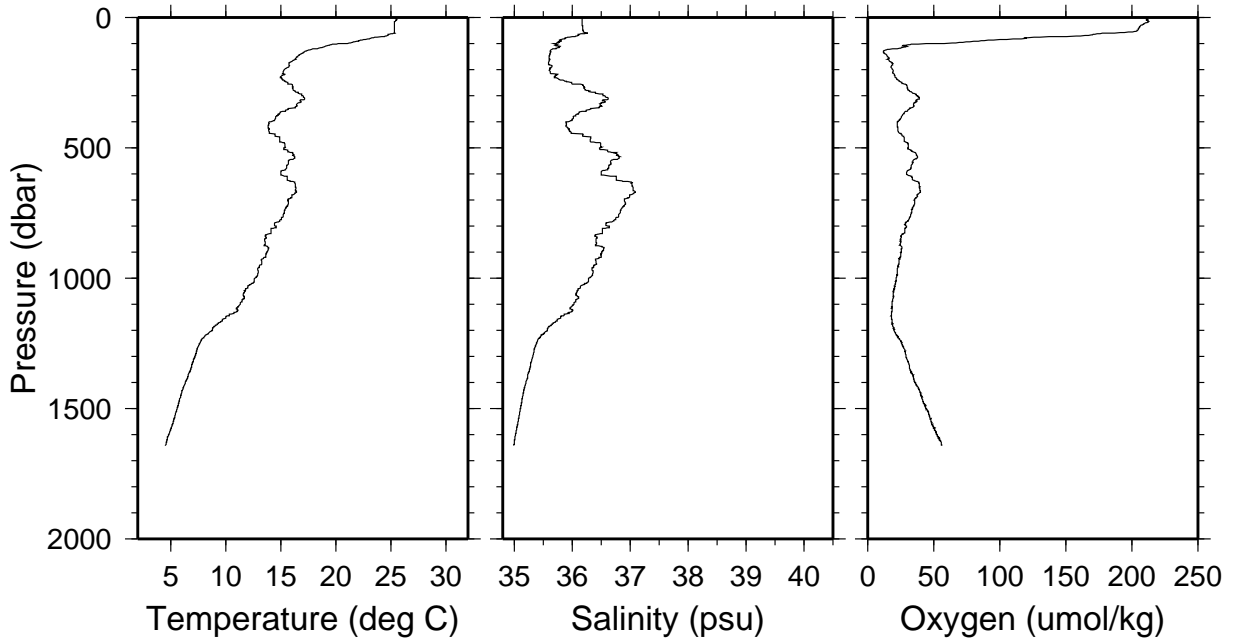
Redsox-1 **Station 201**
Latitude: 11° 15.07 N
Longitude: 045° 20.98 E
Date: 06-03-2001 1255 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.478	25.476	36.172	211.7	24.081
20	25.311	25.307	36.171	211.0	24.132
30	25.300	25.293	36.175	206.8	24.140
40	25.300	25.291	36.180	205.1	24.144
50	25.304	25.293	36.186	204.0	24.148
60	25.367	25.354	36.265	179.5	24.189
70	24.595	24.580	36.081	161.1	24.286
80	23.139	23.122	35.873	120.0	24.561
90	22.057	22.039	35.810	85.9	24.822
100	20.660	20.641	35.685	48.8	25.113
110	19.015	18.995	35.766	30.0	25.608
120	18.213	18.192	35.710	20.9	25.768
130	17.217	17.195	35.623	11.9	25.946
140	16.815	16.792	35.616	13.2	26.036
150	16.501	16.477	35.602	14.9	26.101
160	16.355	16.329	35.616	14.9	26.146
170	15.950	15.923	35.598	17.0	26.226
180	15.719	15.690	35.596	18.8	26.277
190	15.696	15.666	35.644	17.6	26.319
200	15.318	15.287	35.611	18.8	26.379
250	15.621	15.582	35.992	25.7	26.606
300	16.919	16.869	36.533	37.4	26.722
350	15.690	15.634	36.318	31.6	26.846
400	13.937	13.879	35.896	22.7	26.906
450	14.476	14.409	36.180	25.7	27.012
500	15.276	15.197	36.478	30.3	27.068
550	15.677	15.589	36.664	34.2	27.123
600	15.002	14.909	36.503	29.5	27.151
650	16.339	16.232	37.045	39.3	27.267
700	15.654	15.542	36.898	35.3	27.314
750	15.302	15.184	36.821	33.0	27.336
800	14.541	14.419	36.632	29.2	27.359
900	13.726	13.593	36.508	25.1	27.440
1000	12.609	12.468	36.283	21.5	27.494
1250	7.637	7.505	35.383	25.6	27.648
1500	5.573	5.435	35.105	44.0	27.707

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1643.0	1	4.492	4.353	-9.990	56.7
1643.0	2	4.494	4.355	-9.990	60.4
650.5	3	16.321	16.214	-9.990	37.7
650.4	4	16.317	16.210	-9.990	39.8
100.1	5	20.033	20.014	-9.990	40.0
1.6	6	25.454	25.454	-9.990	213.9
1.8	7	25.456	25.456	-9.990	218.5
1.7	8	25.451	25.451	-9.990	212.3

Redsox-1 Station 201
Latitude: 11 15.07 N
Longitude: 045 20.98 E
Date: 06-03-2001
Time: 1255 GMT

Rsx1-201



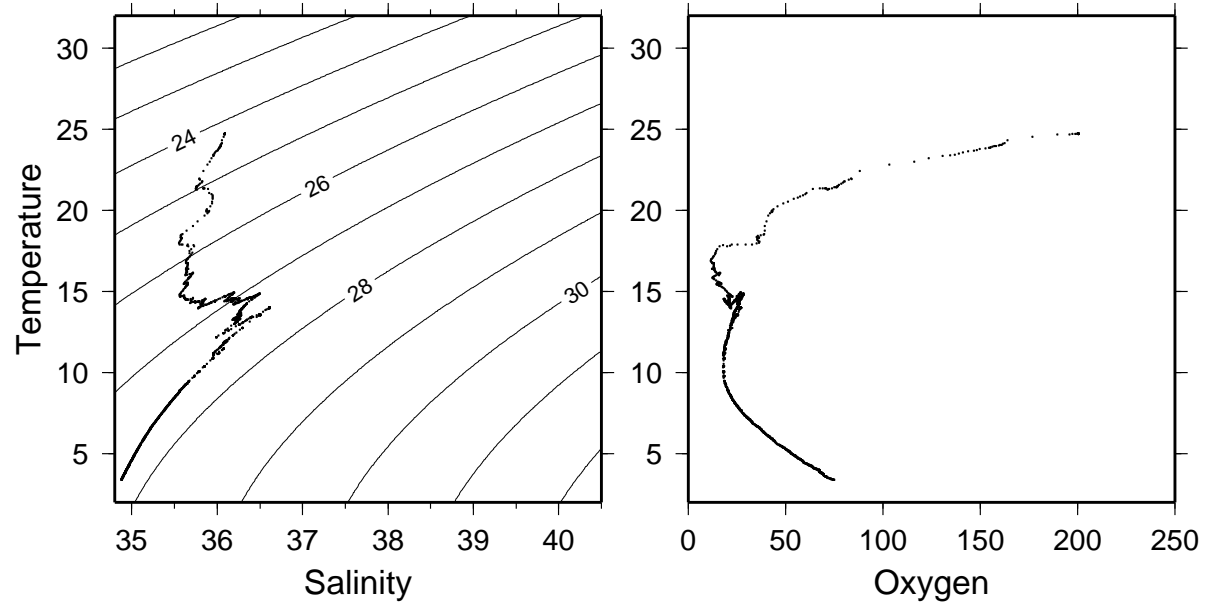
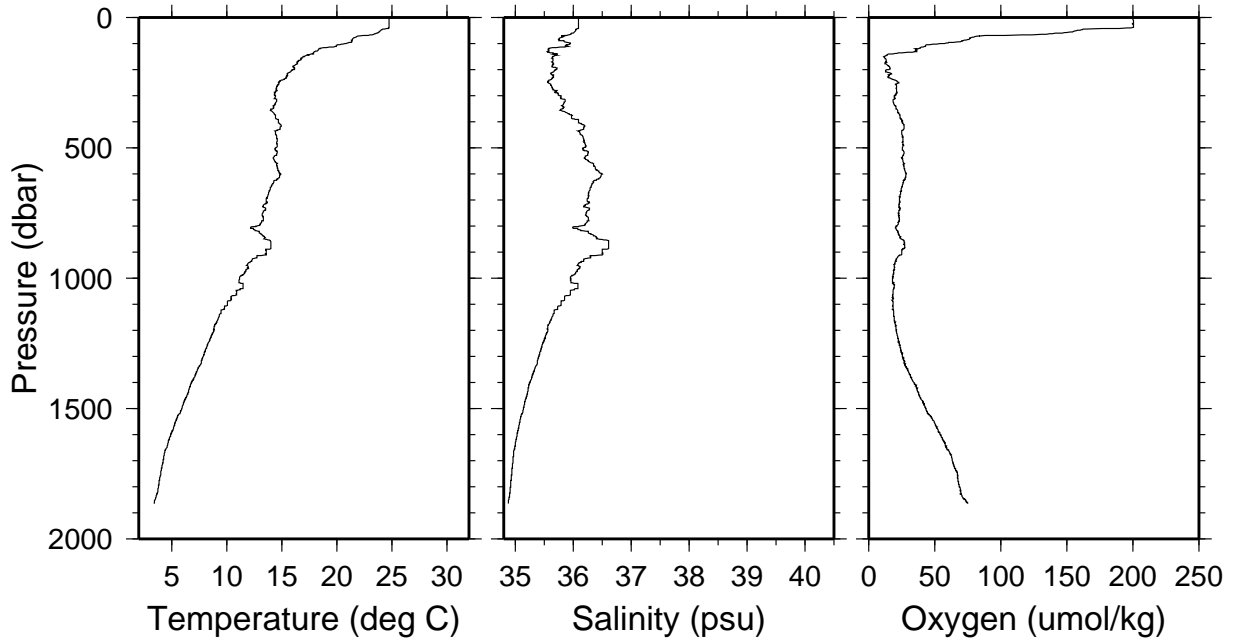
Redsox-1 **Station 202**
Latitude: 11° 24.01 N
Longitude: 047° 14.12 E
Date: 06-03-2001 2335 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	24.723	24.721	36.091	200.2	24.251
20	24.727	24.723	36.091	200.6	24.251
30	24.732	24.725	36.091	200.2	24.250
40	24.710	24.702	36.089	197.3	24.255
50	23.982	23.971	36.041	157.9	24.438
60	23.639	23.626	35.989	143.7	24.501
70	21.970	21.956	35.791	83.6	24.831
80	21.466	21.450	35.758	76.6	24.948
90	21.368	21.350	35.837	70.7	25.035
100	20.768	20.749	35.946	56.3	25.283
110	19.968	19.947	35.909	43.2	25.469
120	18.412	18.391	35.575	35.6	25.615
130	18.057	18.035	35.559	36.5	25.692
140	17.782	17.758	35.727	16.1	25.889
150	16.987	16.962	35.649	11.8	26.022
160	16.741	16.715	35.653	13.0	26.083
170	16.421	16.393	35.640	13.4	26.149
180	16.296	16.267	35.642	13.6	26.180
190	16.035	16.005	35.649	15.7	26.246
200	16.001	15.969	35.698	14.3	26.292
250	14.695	14.657	35.564	22.7	26.483
300	14.389	14.345	35.777	19.6	26.714
350	14.145	14.093	35.808	20.7	26.792
400	14.699	14.638	36.088	25.2	26.891
450	14.453	14.386	36.131	25.2	26.979
500	14.406	14.331	36.171	25.6	27.021
550	14.343	14.260	36.257	26.1	27.104
600	14.869	14.776	36.496	28.4	27.176
650	14.038	13.941	36.310	25.1	27.212
700	13.576	13.475	36.242	23.3	27.258
750	13.263	13.155	36.223	22.7	27.309
800	12.650	12.539	36.105	21.3	27.342
900	13.553	13.421	36.503	25.1	27.472
1000	11.155	11.025	35.952	18.2	27.513
1250	8.292	8.154	35.472	23.3	27.621
1500	5.912	5.770	35.141	43.3	27.694
1750	3.997	3.853	34.937	67.2	27.751

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1863.9	1	3.393	3.247	34.918	73.6
1035.5	2	11.476	11.339	36.051	18.8
882.0	3	13.992	13.860	36.605	26.4
605.8	4	14.831	14.738	36.484	27.5
419.6	5	14.846	14.782	36.174	26.1
100.9	6	20.199	20.180	35.905	43.8
49.8	7	24.000	23.989	36.041	155.3
2.8	8	24.700	24.699	36.090	196.7

Redsox-1 Station 202
Latitude: 11 24.01 N
Longitude: 047 14.12 E
Date: 06-03-2001
Time: 2335 GMT

Rsx1-202

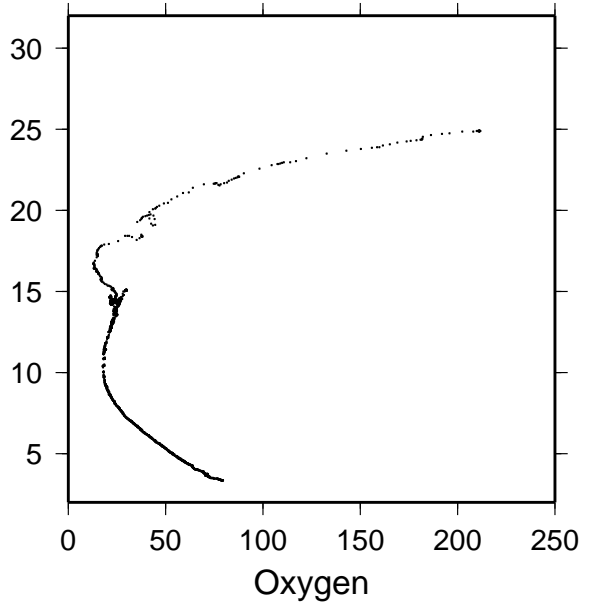
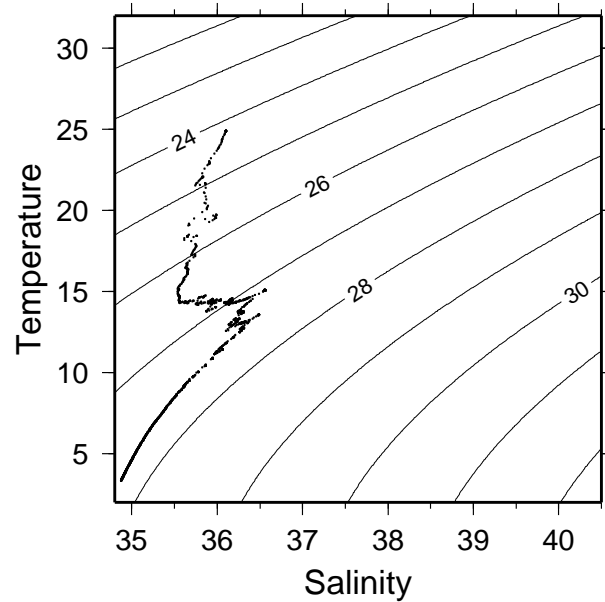
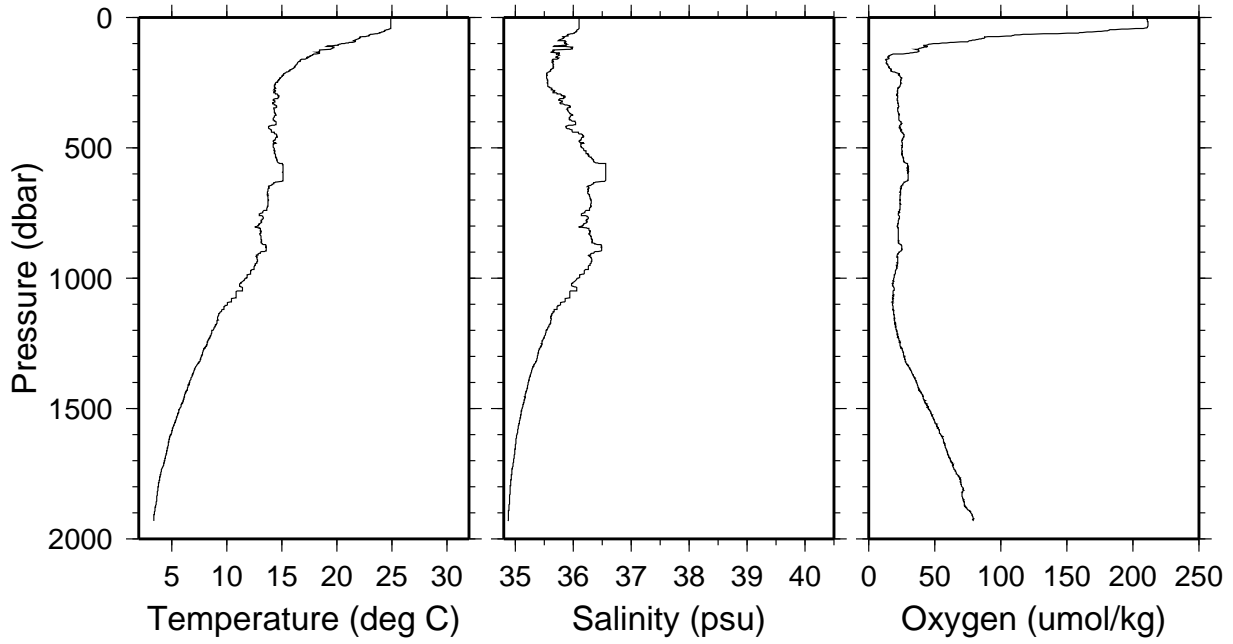


Redsox-1 **Station 203**
Latitude: 11° 27.63 N
Longitude: 047° 11.06 E
Date: 07-03-2001 0225 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	24.880	24.878	36.104	210.9	24.213
20	24.885	24.880	36.104	211.3	24.212
30	24.887	24.880	36.104	211.3	24.213
40	24.884	24.875	36.104	210.5	24.214
50	24.357	24.346	36.059	181.6	24.340
60	23.857	23.844	36.017	155.9	24.458
70	22.875	22.861	35.909	108.0	24.664
80	22.044	22.028	35.829	86.8	24.840
90	21.691	21.673	35.856	76.2	24.960
100	20.475	20.456	35.849	51.3	25.288
110	19.063	19.043	35.659	43.4	25.514
120	19.537	19.515	35.989	37.7	25.644
130	18.396	18.373	35.653	38.0	25.679
140	17.935	17.911	35.744	21.0	25.864
150	17.471	17.445	35.717	14.8	25.958
160	16.888	16.862	35.675	13.8	26.065
170	16.547	16.519	35.637	13.5	26.117
180	16.356	16.327	35.658	14.3	26.178
190	16.159	16.128	35.649	15.5	26.218
200	15.765	15.734	35.605	17.3	26.274
250	14.482	14.445	35.550	24.2	26.517
300	14.670	14.624	35.821	21.3	26.688
350	14.282	14.230	35.895	22.1	26.830
400	14.449	14.389	36.030	24.2	26.900
450	14.517	14.449	36.156	26.6	26.984
500	14.272	14.198	36.159	25.0	27.041
550	14.565	14.482	36.349	26.5	27.127
600	15.083	14.989	36.558	29.6	27.176
650	13.774	13.678	36.250	24.6	27.222
700	13.764	13.661	36.303	24.0	27.266
750	13.102	12.995	36.167	22.6	27.299
800	12.862	12.749	36.164	21.7	27.346
900	13.066	12.937	36.359	23.1	27.459
1000	11.727	11.592	36.082	19.0	27.508
1250	8.198	8.060	35.456	23.8	27.623
1500	5.738	5.598	35.119	45.0	27.697
1750	4.006	3.863	34.938	66.4	27.751

Redsox-1 Station 203
Latitude: 11 27.63 N
Longitude: 047 11.06 E
Date: 07-03-2001
Time: 0225 GMT

Rsx1-203



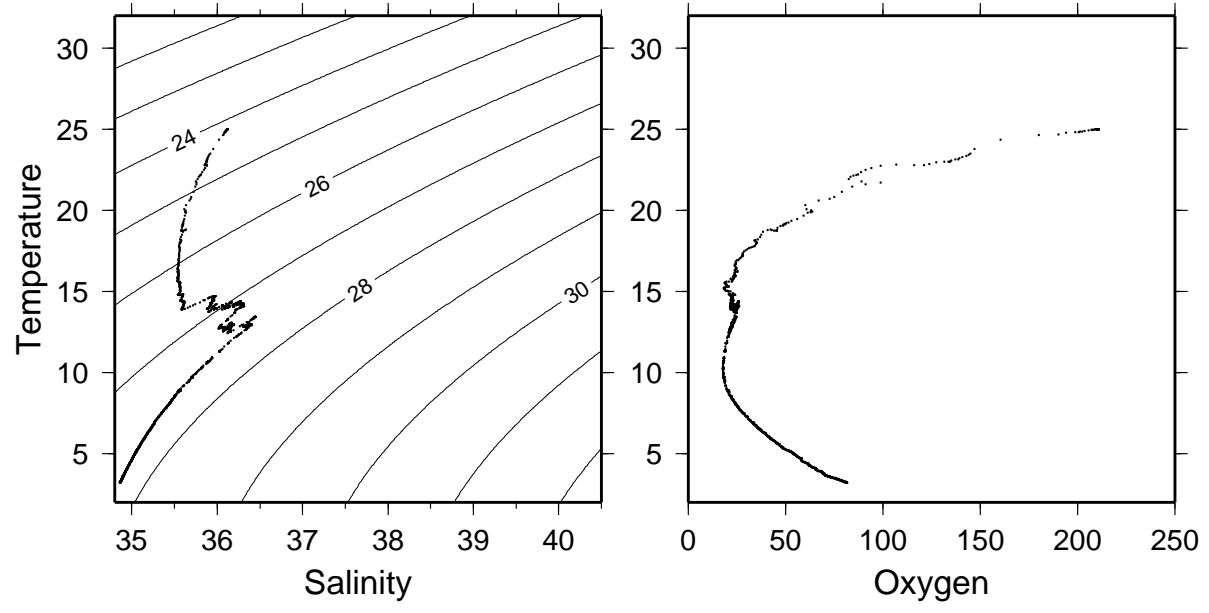
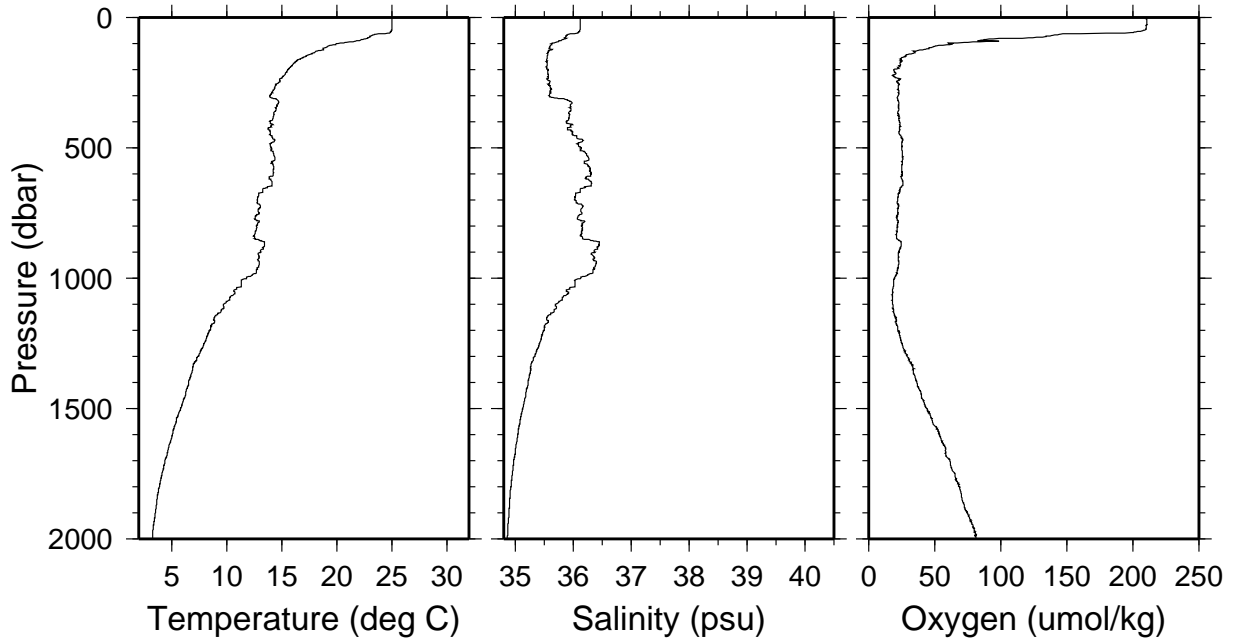
Redsox-1 **Station 204**
Latitude: 11° 33.97 N
Longitude: 047° 5.78 E
Date: 07-03-2001 0436 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.003	25.001	36.118	210.6	24.187
20	25.006	25.001	36.119	210.6	24.187
30	25.001	24.994	36.117	210.2	24.188
40	24.995	24.987	36.116	210.0	24.189
50	24.963	24.952	36.111	207.9	24.196
60	24.689	24.676	36.075	190.3	24.252
70	23.126	23.112	35.881	137.1	24.570
80	22.814	22.798	35.881	107.0	24.660
90	21.783	21.765	35.750	88.9	24.854
100	20.009	19.991	35.626	63.2	25.242
110	19.165	19.145	35.598	50.0	25.441
120	18.741	18.720	35.589	44.8	25.543
130	18.130	18.107	35.582	33.9	25.691
140	17.669	17.645	35.559	31.3	25.787
150	17.129	17.104	35.552	27.5	25.913
160	16.626	16.600	35.544	23.8	26.027
170	16.216	16.189	35.535	25.2	26.116
180	15.998	15.969	35.547	24.0	26.175
190	15.801	15.771	35.541	22.5	26.216
200	15.543	15.512	35.564	18.8	26.293
250	14.703	14.665	35.593	22.1	26.502
300	13.901	13.857	35.584	22.5	26.669
350	14.474	14.422	35.964	22.7	26.842
400	13.932	13.874	35.886	23.3	26.899
450	13.944	13.878	35.991	23.1	26.979
500	14.023	13.949	36.125	25.2	27.068
550	14.203	14.121	36.221	25.3	27.106
600	14.229	14.139	36.309	25.3	27.169
650	13.693	13.598	36.204	24.7	27.203
700	12.729	12.631	36.016	21.8	27.254
750	12.929	12.823	36.151	22.3	27.321
800	12.708	12.596	36.148	21.6	27.364
900	13.065	12.936	36.368	23.0	27.467
1000	11.814	11.679	36.133	19.5	27.532
1250	7.952	7.817	35.418	24.9	27.630
1500	5.800	5.659	35.127	44.0	27.697
1750	4.117	3.972	34.948	65.1	27.747
2000	3.235	3.079	34.864	81.4	27.769

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
2005.8	1	3.224	3.068	34.895	79.1
1440.3	2	6.275	6.135	35.189	39.2
1164.3	3	8.898	8.765	35.557	20.9
868.0	4	13.380	13.254	36.408	23.5
86.0	5	22.148	22.131	35.787	83.8
48.8	6	24.980	24.969	36.111	207.8
2.0	7	25.017	25.017	36.118	214.9

Redsox-1 Station 204
Latitude: 11 33.97 N
Longitude: 047 05.78 E
Date: 07-03-2001
Time: 0436 GMT

Rsx1-204

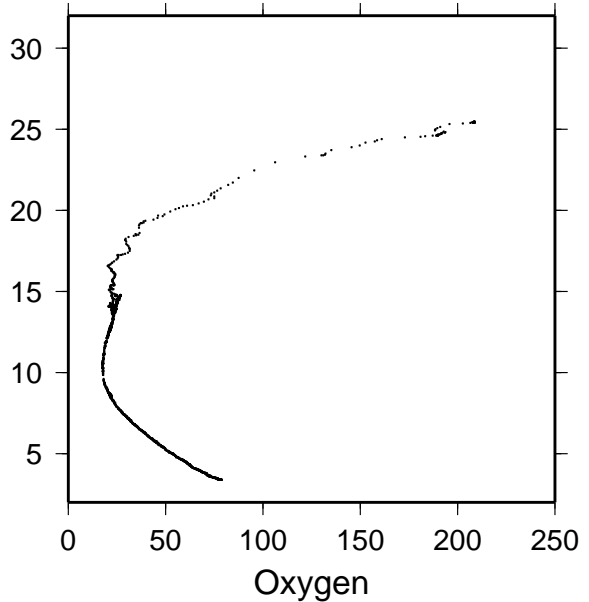
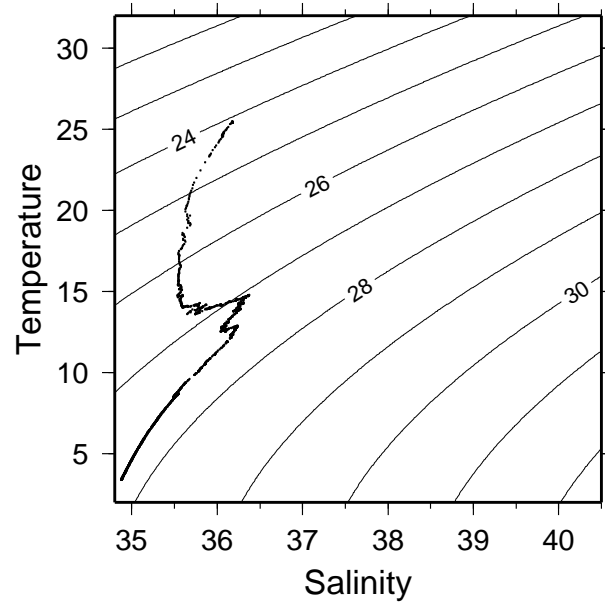
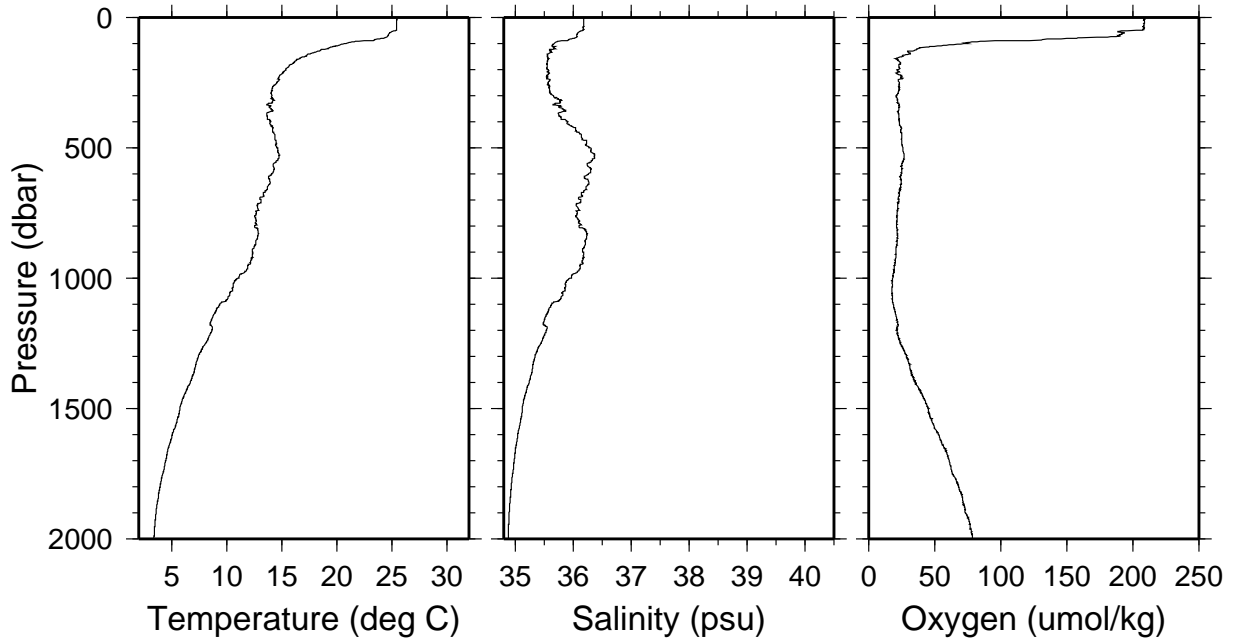


Redsox-1 **Station 205**
Latitude: 11° 40.53 N
Longitude: 046° 59.97 E
Date: 07-03-2001 0651 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.444	25.442	36.176	208.6	24.094
20	25.438	25.434	36.176	208.7	24.097
30	25.425	25.418	36.175	208.2	24.101
40	25.420	25.411	36.175	208.0	24.103
50	25.373	25.362	36.165	202.6	24.111
60	24.787	24.774	36.078	192.2	24.225
70	24.618	24.602	36.060	189.9	24.264
80	24.167	24.150	36.011	152.6	24.363
90	22.478	22.460	35.804	95.5	24.698
100	20.764	20.745	35.672	75.0	25.075
110	19.736	19.716	35.649	49.4	25.332
120	19.160	19.139	35.688	36.7	25.511
130	18.240	18.218	35.603	29.5	25.680
140	17.496	17.472	35.554	31.6	25.826
150	17.035	17.010	35.554	25.2	25.937
160	16.442	16.417	35.561	21.5	26.083
170	16.156	16.129	35.555	23.4	26.145
180	15.829	15.801	35.543	23.6	26.211
190	15.593	15.563	35.547	23.0	26.268
200	15.386	15.355	35.568	21.9	26.331
250	14.545	14.507	35.566	23.1	26.517
300	14.092	14.048	35.656	20.8	26.684
350	14.011	13.960	35.815	22.7	26.826
400	14.017	13.958	35.914	23.0	26.902
450	14.373	14.306	36.141	24.9	27.004
500	14.580	14.504	36.284	25.9	27.071
550	14.492	14.409	36.306	26.1	27.109
600	14.078	13.989	36.257	24.8	27.161
650	13.705	13.610	36.224	23.9	27.216
700	13.119	13.019	36.131	22.7	27.265
750	12.689	12.585	36.070	21.7	27.306
800	12.548	12.437	36.097	21.0	27.356
900	12.330	12.205	36.167	20.6	27.456
1000	11.067	10.938	35.957	18.0	27.532
1250	8.097	7.961	35.444	23.9	27.629
1500	5.736	5.596	35.121	45.0	27.699
1750	4.183	4.037	34.954	63.3	27.746
2000	3.382	3.224	34.877	78.6	27.766

Redsox-1 Station 205
Latitude: 11 40.53 N
Longitude: 046 59.97 E
Date: 07-03-2001
Time: 0651 GMT

Rsx1-205



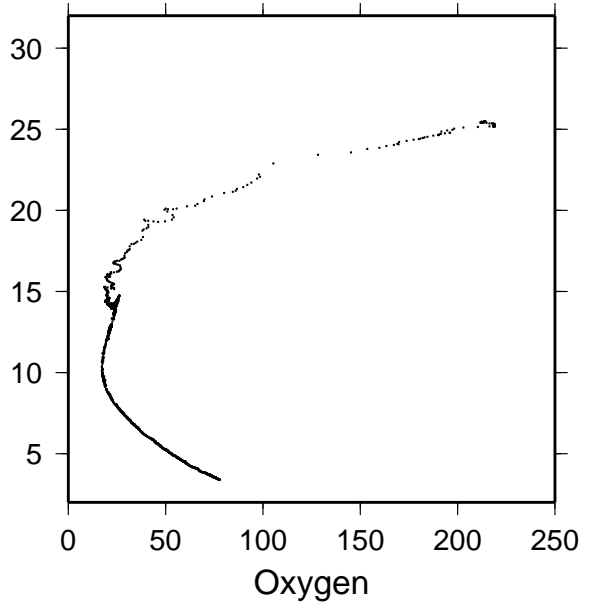
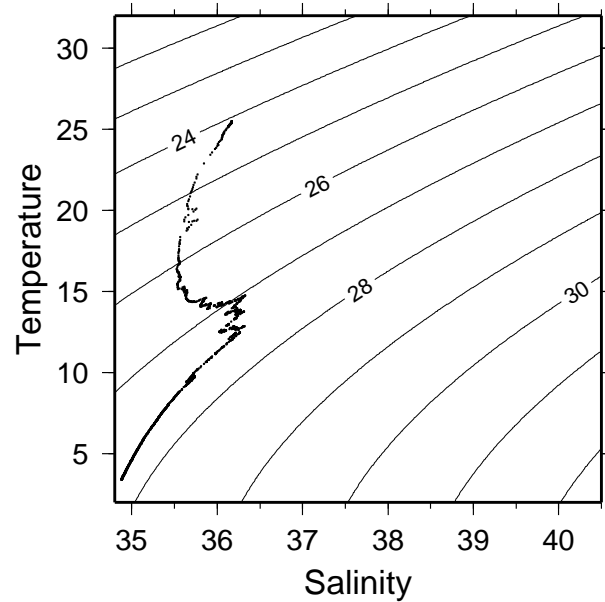
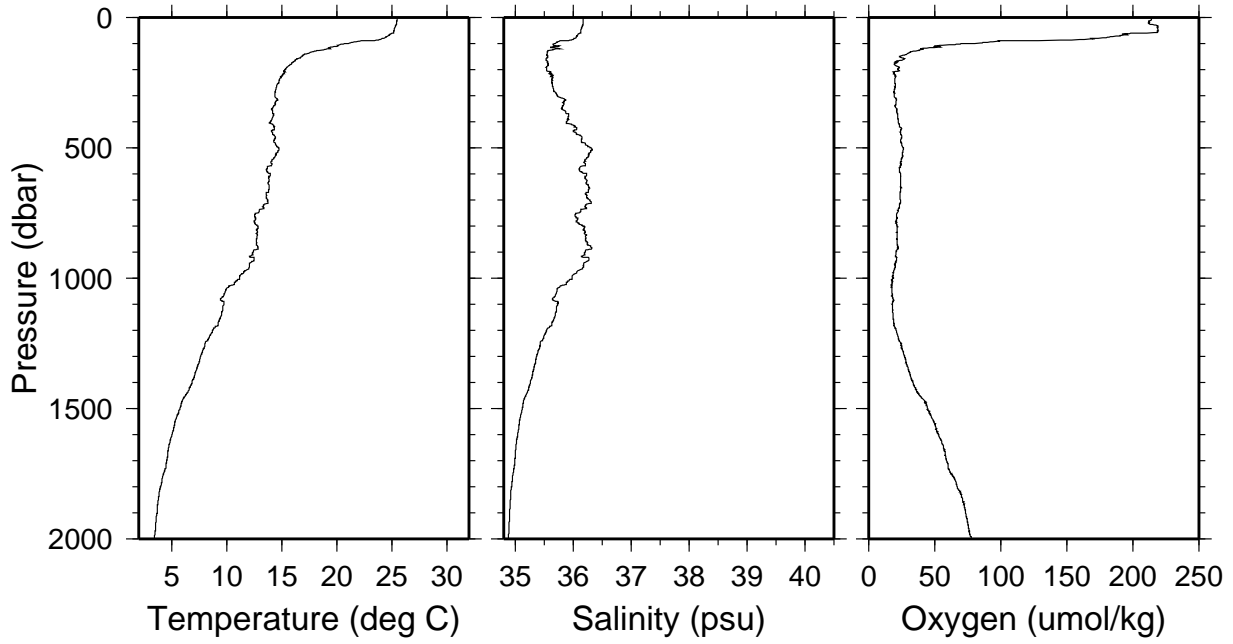
Redsox-1 **Station 206**
Latitude: 11° 50.04 N
Longitude: 046° 59.98 E
Date: 07-03-2001 0900 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.481	25.479	36.171	213.8	24.080
20	25.407	25.403	36.172	211.9	24.104
30	25.350	25.343	36.160	218.1	24.113
40	25.254	25.245	36.144	218.6	24.131
50	25.188	25.177	36.132	219.1	24.143
60	25.100	25.087	36.123	203.1	24.164
70	24.649	24.634	36.064	190.4	24.257
80	24.201	24.184	36.020	169.9	24.359
90	22.217	22.199	35.772	98.0	24.748
100	20.861	20.842	35.679	73.9	25.054
110	20.021	20.001	35.745	49.5	25.330
120	19.343	19.321	35.757	39.7	25.517
130	17.923	17.900	35.561	33.6	25.727
140	17.121	17.098	35.546	28.9	25.910
150	16.797	16.772	35.562	23.1	26.000
160	16.320	16.295	35.530	26.4	26.087
170	16.062	16.035	35.556	20.3	26.168
180	15.794	15.766	35.565	19.5	26.236
190	15.479	15.450	35.535	23.4	26.284
200	15.258	15.227	35.542	22.2	26.340
250	14.726	14.689	35.634	19.9	26.530
300	14.386	14.341	35.730	19.4	26.679
350	14.104	14.052	35.808	21.2	26.801
400	13.942	13.884	35.885	22.3	26.896
450	14.221	14.154	36.084	24.4	26.992
500	14.675	14.599	36.298	26.0	27.061
550	14.128	14.046	36.211	24.5	27.114
600	13.948	13.859	36.234	24.3	27.171
650	13.860	13.764	36.270	24.3	27.219
700	13.709	13.607	36.289	24.0	27.267
750	12.649	12.544	36.052	21.6	27.300
800	12.815	12.703	36.181	21.5	27.368
900	12.403	12.279	36.210	20.8	27.475
1000	11.161	11.030	35.980	18.2	27.533
1250	8.026	7.891	35.427	24.2	27.626
1500	5.742	5.602	35.120	44.6	27.698
1750	4.248	4.101	34.960	62.3	27.744
2000	3.404	3.245	34.879	77.7	27.765

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1999.0	1	3.404	3.246	34.880	78.3
904.6	2	12.383	12.258	36.210	21.0
771.8	3	12.595	12.488	36.067	20.7
598.9	4	13.944	13.856	36.230	23.7
400.4	5	13.923	13.864	35.904	21.6
99.0	6	20.740	20.721	35.672	64.5
49.4	7	25.156	25.145	36.128	220.9
2.9	8	25.590	25.589	36.174	215.8

Redsox-1 Station 206
Latitude: 11 50.04 N
Longitude: 046 59.98 E
Date: 07-03-2001
Time: 0900 GMT

Rsx1-206

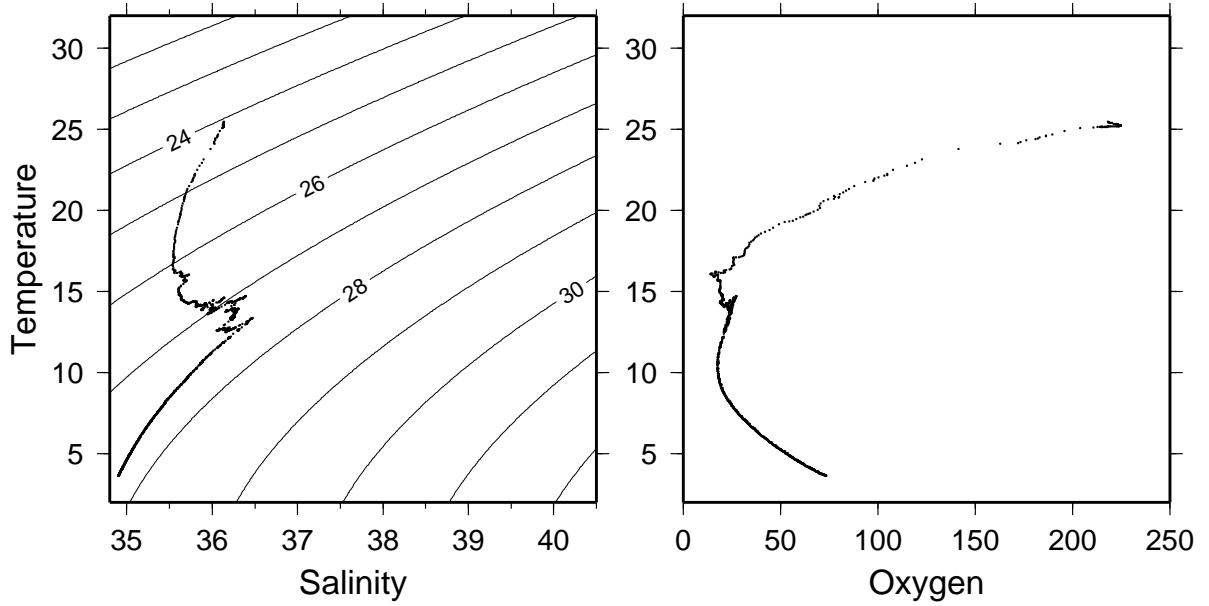
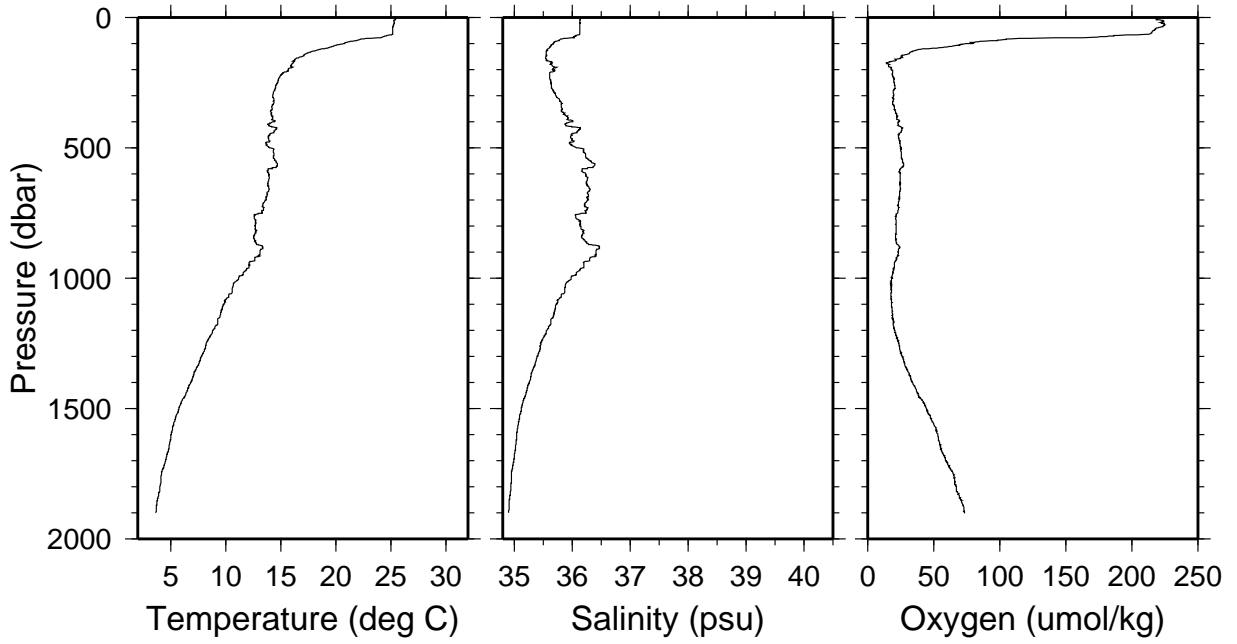


Redsox-1 **Station 207**
Latitude: 12° 0.10 N
Longitude: 046° 59.97 E
Date: 07-03-2001 1128 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.336	25.333	36.135	221.1	24.097
20	25.311	25.307	36.135	222.7	24.105
30	25.211	25.205	36.131	224.7	24.133
40	25.167	25.159	36.131	219.1	24.148
50	25.155	25.144	36.131	216.5	24.152
60	25.149	25.136	36.132	214.7	24.155
70	24.577	24.562	36.062	186.2	24.277
80	22.931	22.914	35.878	118.9	24.625
90	21.745	21.727	35.759	93.3	24.871
100	20.732	20.713	35.676	77.5	25.086
110	19.744	19.724	35.627	63.5	25.313
120	18.780	18.759	35.582	44.2	25.528
130	17.885	17.862	35.553	33.9	25.730
140	17.225	17.201	35.547	30.9	25.886
150	16.847	16.823	35.545	25.6	25.975
160	16.298	16.272	35.564	21.1	26.119
170	16.214	16.187	35.637	16.5	26.195
180	15.943	15.914	35.633	16.2	26.254
190	16.017	15.987	35.704	17.0	26.292
200	15.664	15.632	35.673	18.1	26.349
250	14.701	14.664	35.634	20.1	26.535
300	14.272	14.228	35.716	19.6	26.692
350	14.200	14.148	35.824	20.2	26.793
400	14.303	14.243	35.972	23.6	26.887
450	13.940	13.874	35.977	23.5	26.969
500	14.003	13.929	36.085	25.4	27.041
550	14.502	14.419	36.309	26.4	27.109
600	13.916	13.828	36.233	24.5	27.177
650	13.894	13.798	36.285	24.7	27.223
700	13.656	13.554	36.273	23.7	27.265
750	13.303	13.195	36.238	22.4	27.313
800	12.655	12.543	36.135	21.3	27.365
900	13.118	12.988	36.411	23.2	27.489
1000	11.151	11.020	35.977	18.2	27.533
1250	8.219	8.082	35.454	23.6	27.618
1500	5.729	5.589	35.121	44.4	27.700
1750	4.150	4.005	34.951	64.8	27.747

Redsox-1 Station 207
Latitude: 12 00.10 N
Longitude: 046 59.97 E
Date: 07-03-2001
Time: 1128 GMT

Rsx1-207



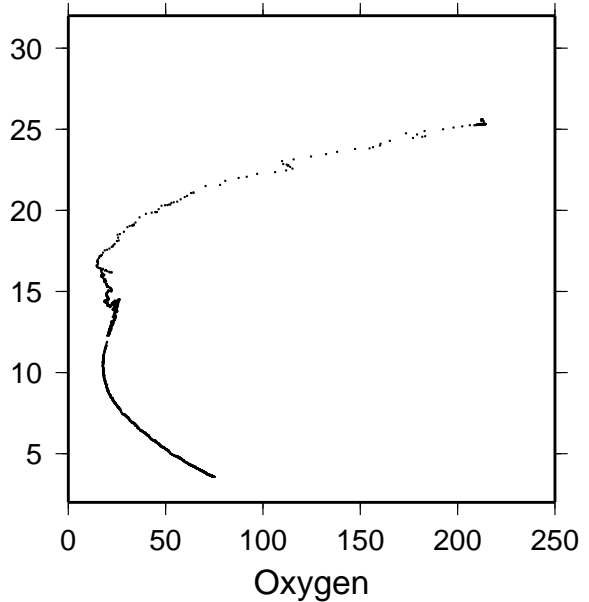
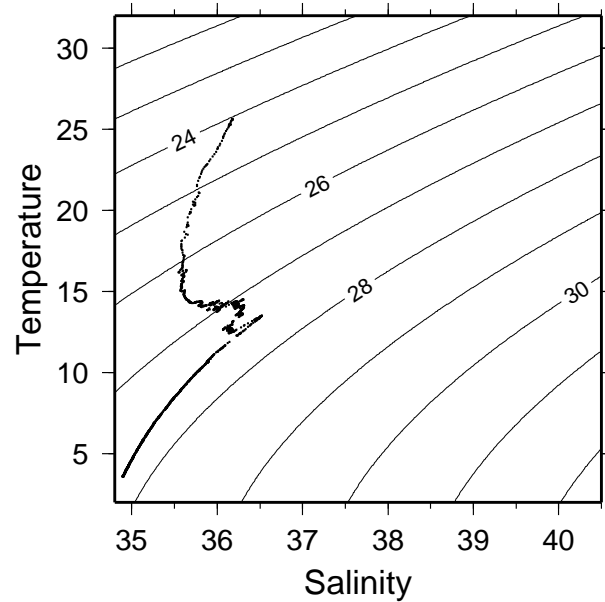
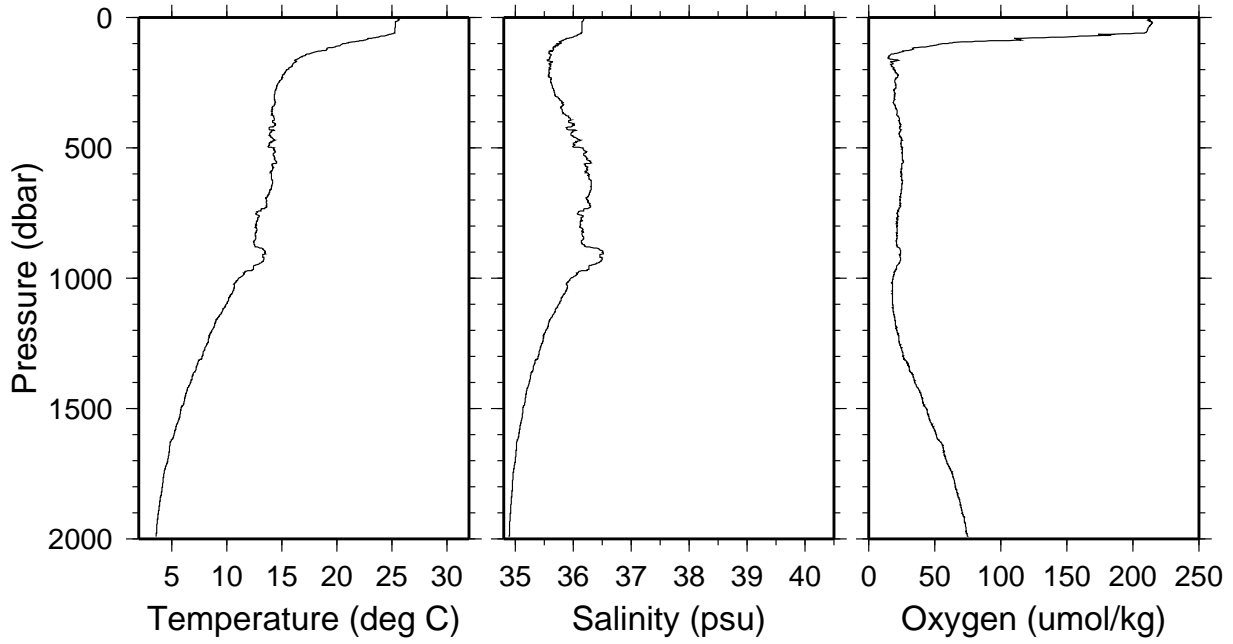
Redsox-1 **Station 208**
Latitude: 12° 15.08 N
Longitude: 046° 59.90 E
Date: 07-03-2001 1404 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.601	25.599	36.176	212.5	24.046
20	25.319	25.315	36.151	214.3	24.114
30	25.295	25.289	36.149	213.1	24.121
40	25.288	25.279	36.149	211.6	24.124
50	25.285	25.274	36.148	211.0	24.125
60	25.235	25.221	36.140	206.2	24.135
70	24.293	24.278	36.052	165.3	24.355
80	23.023	23.007	35.908	109.9	24.620
90	22.064	22.046	35.798	91.8	24.812
100	20.696	20.677	35.742	57.6	25.146
110	19.894	19.874	35.681	45.6	25.315
120	19.101	19.079	35.653	33.5	25.500
130	18.339	18.316	35.620	25.7	25.668
140	17.408	17.385	35.592	17.9	25.876
150	16.836	16.811	35.598	15.0	26.018
160	16.412	16.386	35.586	16.7	26.109
170	16.330	16.302	35.644	16.9	26.173
180	16.010	15.981	35.609	16.9	26.220
190	15.803	15.773	35.595	18.3	26.257
200	15.462	15.431	35.580	19.6	26.324
250	14.716	14.678	35.616	19.9	26.518
300	14.317	14.273	35.690	19.6	26.662
350	14.118	14.066	35.796	20.7	26.788
400	14.162	14.103	35.918	22.9	26.875
450	13.869	13.803	35.958	23.2	26.969
500	14.289	14.214	36.174	25.3	27.049
550	14.461	14.378	36.285	26.0	27.100
600	14.044	13.955	36.265	24.7	27.175
650	14.045	13.949	36.304	25.0	27.206
700	13.585	13.483	36.244	23.9	27.258
750	12.665	12.560	36.071	21.7	27.312
800	12.627	12.515	36.118	21.3	27.357
900	13.447	13.315	36.507	24.2	27.496
1000	11.093	10.963	35.960	18.2	27.530
1250	8.243	8.105	35.461	23.4	27.620
1500	5.822	5.681	35.130	43.6	27.696
1750	4.288	4.140	34.964	63.3	27.743

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1991.3	1	3.576	3.416	34.900	74.5
1801.3	2	4.119	3.969	34.956	66.0
909.8	3	13.553	13.419	36.536	23.8
801.1	4	12.653	12.541	36.131	20.6
650.4	5	14.004	13.907	36.297	23.9
99.8	6	20.484	20.465	35.748	51.0
49.8	7	25.268	25.257	36.151	209.6
2.0	8	25.538	25.538	36.182	213.4

Redsox-1 Station 208
Latitude: 12 15.08 N
Longitude: 046 59.90 E
Date: 07-03-2001
Time: 1404 GMT

Rsx1-208

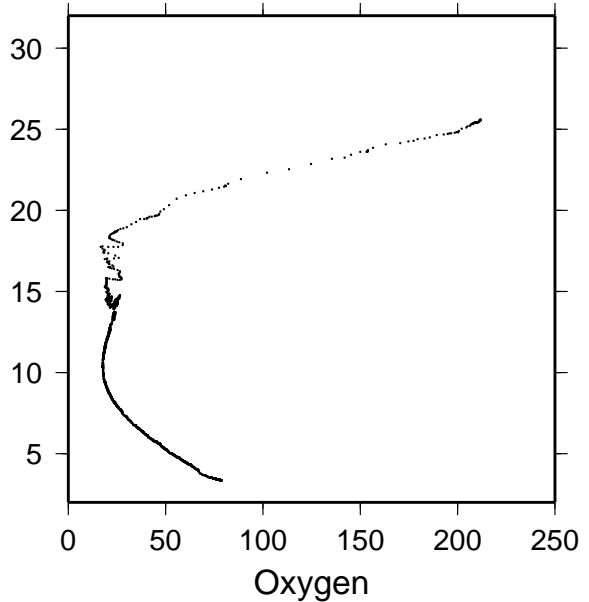
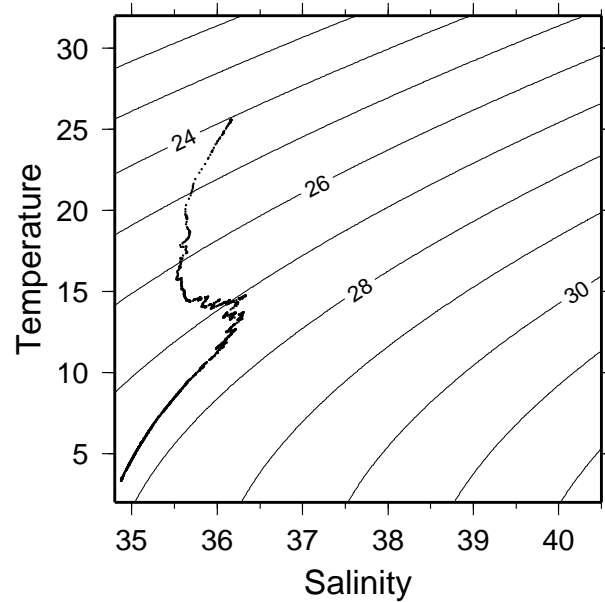
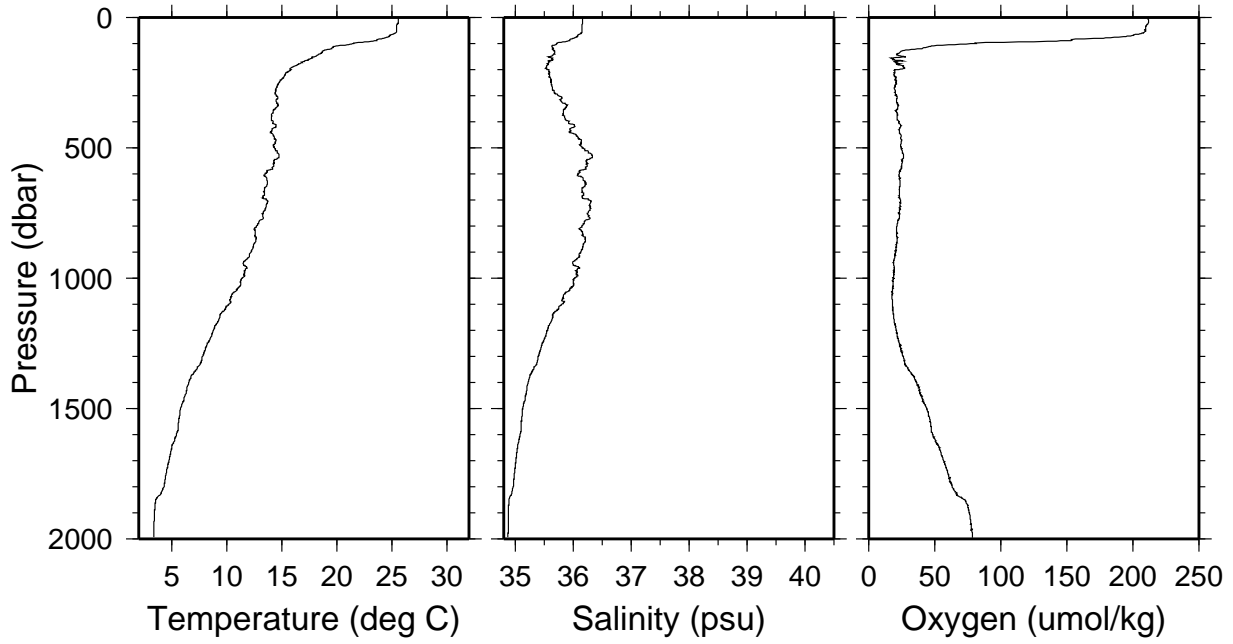


Redsox-1 **Station 209**
Latitude: 12° 30.15 N
Longitude: 046° 59.86 E
Date: 07-03-2001 1649 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.585	25.582	36.161	211.7	24.040
20	25.571	25.567	36.160	211.8	24.043
30	25.438	25.432	36.154	210.2	24.081
40	25.430	25.421	36.153	209.6	24.084
50	25.427	25.416	36.153	209.4	24.085
60	25.319	25.306	36.139	207.1	24.108
70	24.785	24.770	36.076	198.4	24.225
80	24.233	24.215	36.003	174.8	24.337
90	23.440	23.421	35.917	145.2	24.507
100	21.481	21.461	35.716	79.9	24.913
110	19.794	19.774	35.630	46.7	25.302
120	19.479	19.457	35.648	39.1	25.399
130	18.692	18.669	35.678	24.4	25.624
140	18.410	18.386	35.669	21.2	25.688
150	17.962	17.937	35.591	27.8	25.740
160	17.481	17.454	35.640	18.3	25.896
170	16.957	16.929	35.582	20.0	25.978
180	16.505	16.475	35.576	20.5	26.081
190	15.944	15.914	35.535	26.3	26.179
200	15.787	15.755	35.564	21.1	26.237
250	14.760	14.723	35.617	20.5	26.509
300	14.515	14.470	35.745	20.8	26.662
350	14.416	14.364	35.860	21.9	26.774
400	14.206	14.147	35.923	23.2	26.869
450	14.225	14.158	36.045	24.2	26.962
500	14.291	14.216	36.146	24.5	27.027
550	14.273	14.191	36.220	25.1	27.090
600	13.498	13.411	36.087	23.1	27.151
650	13.579	13.485	36.190	23.3	27.216
700	13.574	13.472	36.262	24.1	27.274
750	13.308	13.200	36.255	23.2	27.325
800	12.699	12.587	36.149	21.4	27.367
900	12.213	12.089	36.133	20.4	27.452
1000	11.418	11.286	36.030	18.5	27.525
1250	8.226	8.088	35.462	23.1	27.623
1500	5.788	5.648	35.126	43.9	27.697
1750	4.483	4.333	34.983	60.0	27.737

Redsox-1 Station 209
Latitude: 12 30.15 N
Longitude: 046 59.86 E
Date: 07-03-2001
Time: 1649 GMT

Rsx1-209



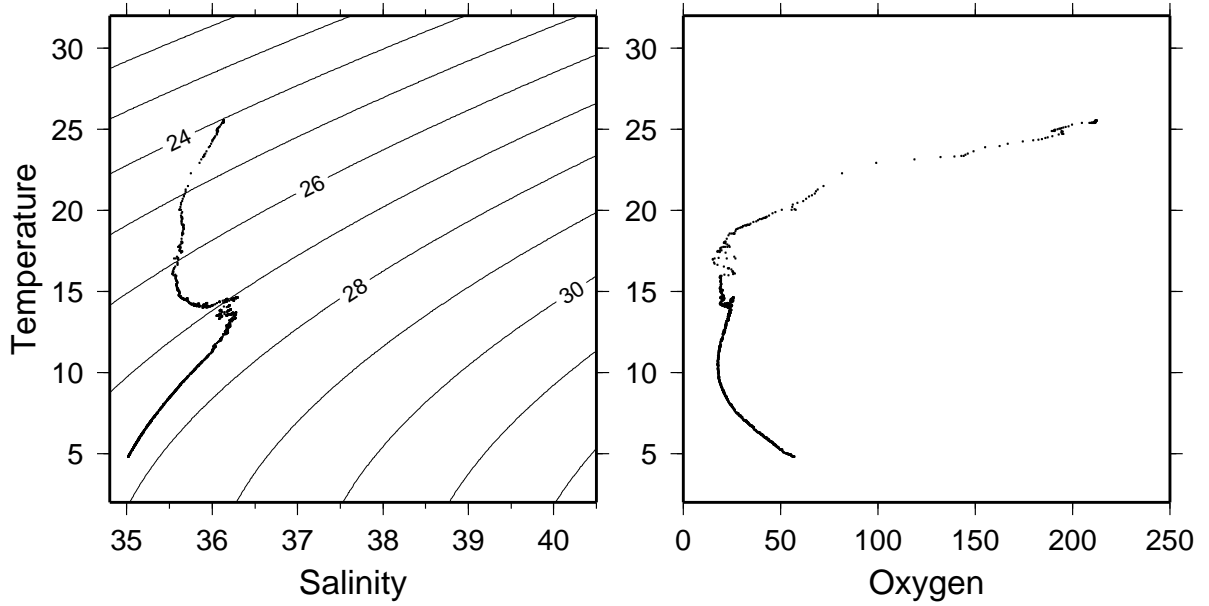
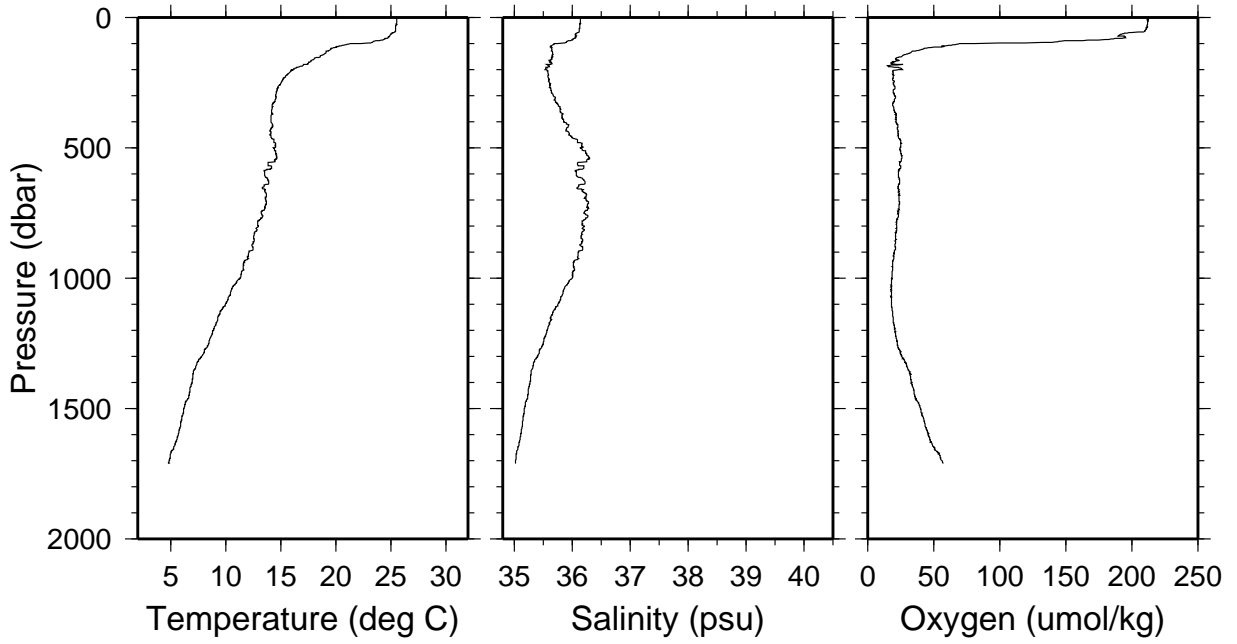
Redsox-1 **Station 210**
Latitude: 12° 45.08 N
Longitude: 046° 59.95 E
Date: 07-03-2001 1938 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.534	25.532	36.137	212.0	24.037
20	25.511	25.507	36.135	211.8	24.044
30	25.449	25.443	36.130	211.3	24.060
40	25.410	25.401	36.126	211.3	24.069
50	25.398	25.387	36.125	210.1	24.072
60	25.106	25.093	36.076	195.4	24.126
70	24.901	24.886	36.058	189.3	24.176
80	24.587	24.570	36.036	189.6	24.255
90	23.641	23.622	35.930	149.2	24.457
100	21.515	21.495	35.715	72.0	24.902
110	20.200	20.180	35.629	56.1	25.194
120	19.559	19.537	35.645	42.2	25.375
130	19.121	19.097	35.651	33.8	25.494
140	18.948	18.923	35.664	29.9	25.548
150	18.572	18.545	35.652	25.4	25.635
160	18.008	17.980	35.649	20.9	25.774
170	17.678	17.649	35.629	19.0	25.840
180	17.159	17.129	35.584	26.2	25.932
190	16.544	16.513	35.569	20.8	26.066
200	16.056	16.024	35.530	25.5	26.150
250	15.063	15.025	35.605	19.3	26.433
300	14.493	14.449	35.667	20.5	26.607
350	14.218	14.166	35.795	19.8	26.767
400	14.092	14.033	35.859	21.1	26.844
450	14.020	13.954	35.936	23.2	26.921
500	14.312	14.237	36.129	24.6	27.009
550	14.440	14.357	36.249	25.4	27.076
600	13.546	13.459	36.073	23.2	27.130
650	13.470	13.376	36.112	23.0	27.178
700	13.636	13.534	36.244	23.8	27.248
750	13.198	13.091	36.205	22.9	27.308
800	12.974	12.861	36.209	22.1	27.358
900	12.119	11.996	36.109	20.1	27.452
1000	11.294	11.163	36.000	18.3	27.524
1250	8.449	8.309	35.498	22.3	27.618
1500	6.180	6.035	35.173	39.9	27.685

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1710.8	1	4.812	4.662	35.046	56.1
1401.1	2	6.943	6.801	35.279	32.7
735.2	3	13.526	13.419	36.271	23.0
648.9	4	13.376	13.283	36.098	22.7
538.9	5	14.641	14.559	36.286	25.6
100.7	6	21.185	21.166	35.718	68.1
50.6	7	25.399	25.388	36.129	207.2
1.8	8	25.494	25.494	36.138	211.1

Redsox-1 Station 210
Latitude: 12 45.08 N
Longitude: 046 59.95 E
Date: 07-03-2001
Time: 1938 GMT

Rsx1-210

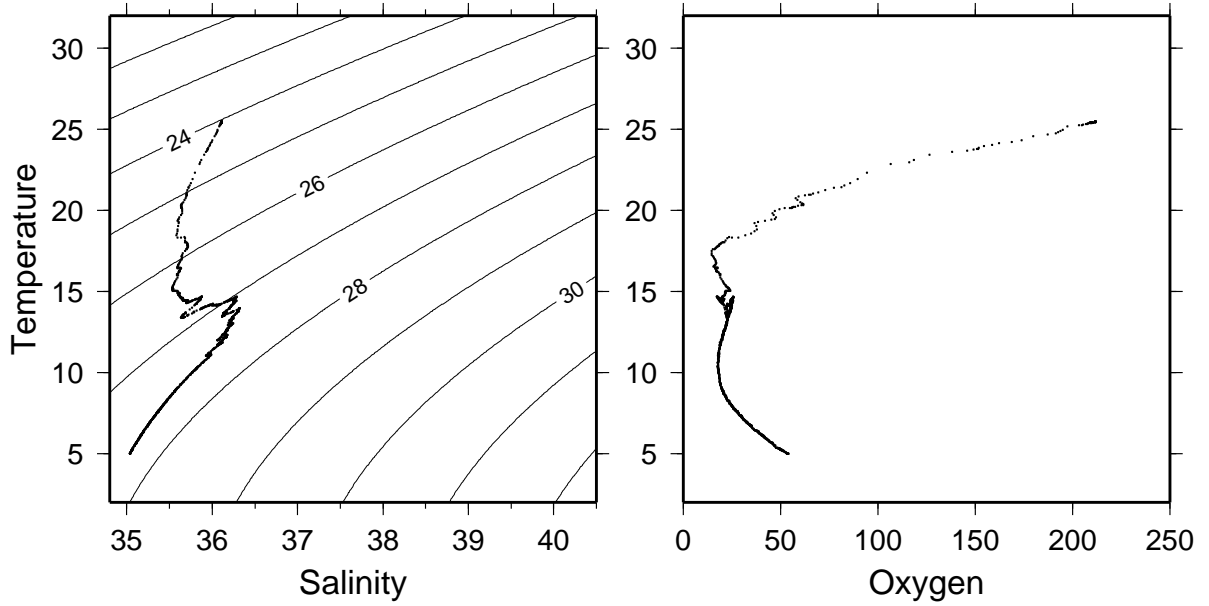
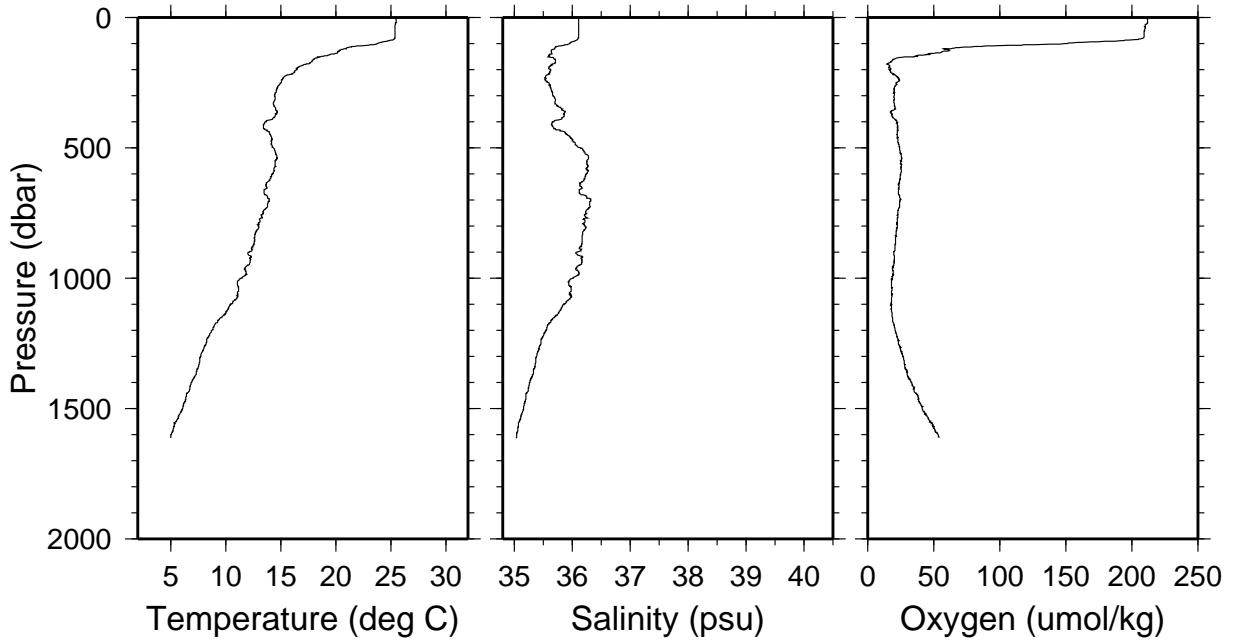


Redsox-1 **Station 211**
Latitude: 13° 0.46 N
Longitude: 047° 0.02 E
Date: 07-03-2001 2209 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.453	25.451	36.110	211.7	24.042
20	25.447	25.442	36.109	211.7	24.044
30	25.388	25.382	36.107	210.1	24.061
40	25.388	25.379	36.107	209.9	24.062
50	25.389	25.378	36.107	209.5	24.062
60	25.387	25.374	36.107	209.2	24.063
70	25.386	25.370	36.106	209.0	24.064
80	25.353	25.336	36.102	207.7	24.072
90	24.753	24.733	36.049	191.3	24.215
100	23.775	23.755	35.948	151.0	24.432
110	21.693	21.671	35.748	85.8	24.878
120	20.874	20.851	35.698	59.3	25.066
130	20.219	20.195	35.638	57.3	25.197
140	19.719	19.693	35.635	46.5	25.327
150	18.574	18.547	35.584	34.7	25.583
160	18.015	17.988	35.703	19.7	25.814
170	17.778	17.749	35.713	17.7	25.880
180	17.190	17.159	35.643	15.1	25.970
190	16.594	16.563	35.599	16.0	26.078
200	16.436	16.404	35.633	16.4	26.141
250	15.037	14.998	35.591	21.6	26.428
300	14.432	14.388	35.667	20.1	26.620
350	14.536	14.484	35.816	21.0	26.715
400	13.625	13.567	35.673	21.9	26.799
450	14.056	13.990	35.917	22.1	26.898
500	14.333	14.259	36.145	24.2	27.017
550	14.471	14.388	36.246	25.3	27.067
600	14.223	14.133	36.244	24.8	27.121
650	13.710	13.615	36.161	23.7	27.166
700	13.955	13.851	36.318	24.6	27.238
750	13.384	13.276	36.238	22.9	27.296
800	12.957	12.844	36.219	22.2	27.369
900	12.086	11.963	36.080	19.9	27.436
1000	11.429	11.297	36.011	18.3	27.508
1250	8.227	8.089	35.461	23.4	27.623
1500	6.072	5.928	35.160	41.2	27.688

Redsox-1 Station 211
Latitude: 13 00.46 N
Longitude: 047 00.02 E
Date: 07-03-2001
Time: 2209 GMT

Rsx1-211



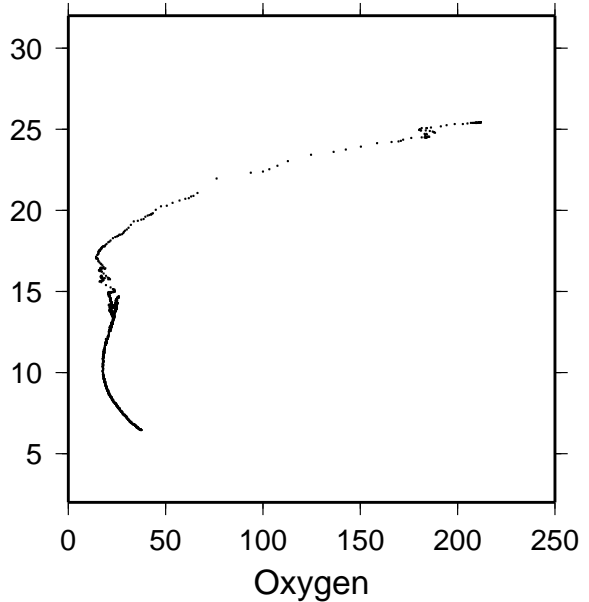
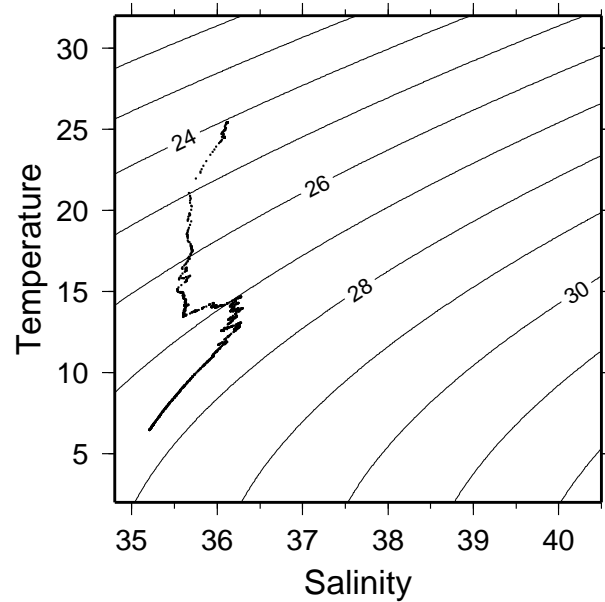
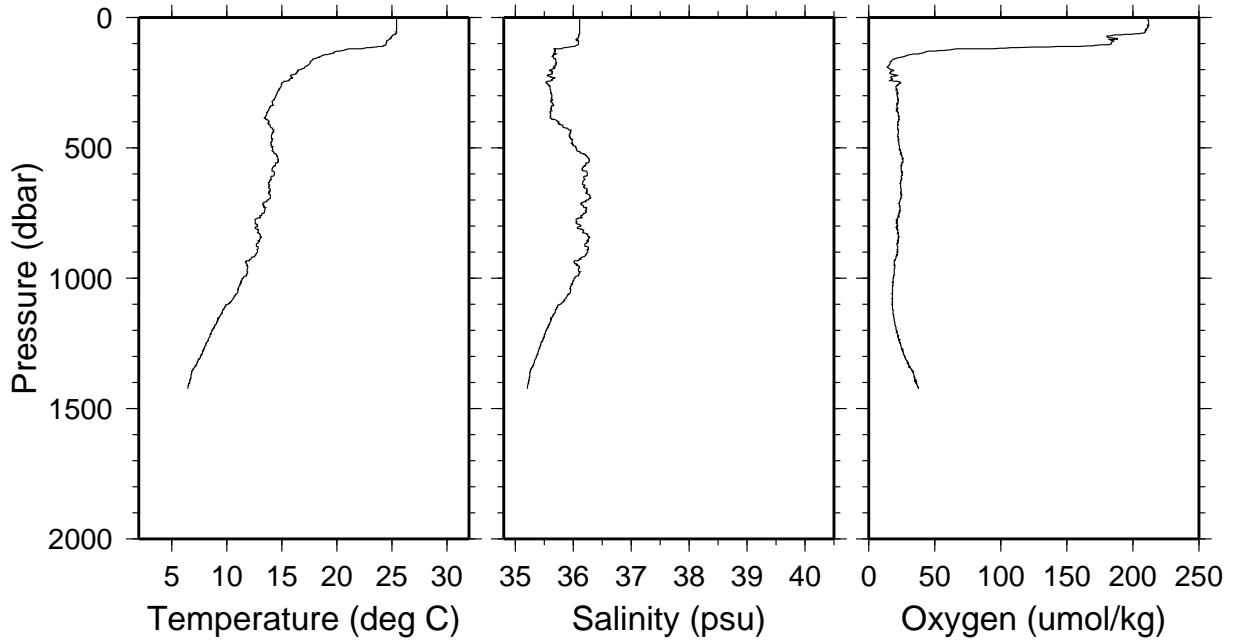
Redsox-1 **Station 212**
Latitude: 13° 10.99 N
Longitude: 047° 0.11 E
Date: 08-03-2001 0041 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.432	25.430	36.114	211.5	24.052
20	25.436	25.432	36.114	211.7	24.051
30	25.434	25.428	36.114	211.6	24.052
40	25.421	25.412	36.114	211.1	24.057
50	25.402	25.391	36.113	209.8	24.063
60	25.386	25.373	36.111	207.8	24.067
70	25.054	25.039	36.098	181.7	24.160
80	24.854	24.837	36.069	187.3	24.199
90	24.546	24.527	36.082	185.2	24.303
100	24.498	24.477	36.088	183.8	24.323
110	24.132	24.109	36.019	158.7	24.381
120	21.971	21.947	35.750	76.2	24.803
130	20.045	20.021	35.694	45.0	25.286
140	19.356	19.330	35.657	35.8	25.439
150	18.483	18.457	35.652	26.2	25.658
160	17.801	17.774	35.690	18.7	25.857
170	17.601	17.572	35.705	16.6	25.917
180	17.480	17.449	35.708	15.9	25.950
190	17.066	17.034	35.666	14.2	26.017
200	16.676	16.643	35.628	17.1	26.081
250	15.041	15.003	35.533	23.9	26.382
300	14.474	14.430	35.632	21.7	26.583
350	13.835	13.785	35.613	21.5	26.706
400	13.824	13.766	35.746	22.0	26.814
450	14.083	14.017	35.938	22.1	26.909
500	14.136	14.062	36.048	23.3	26.984
550	14.679	14.596	36.279	25.9	27.047
600	14.298	14.208	36.243	25.3	27.104
650	13.799	13.704	36.184	24.1	27.165
700	13.748	13.645	36.243	23.8	27.223
750	13.314	13.206	36.199	23.0	27.280
800	12.800	12.688	36.127	21.6	27.330
900	12.764	12.637	36.247	21.7	27.433
1000	11.479	11.346	36.025	18.6	27.510
1250	8.119	7.982	35.441	23.9	27.623

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1424.2	1	6.453	6.313	35.206	37.4
1143.1	2	9.389	9.254	35.645	18.9
843.6	3	13.098	12.977	36.277	22.3
684.1	4	14.003	13.901	36.298	23.7
545.3	5	14.649	14.566	36.268	24.9
225.7	6	15.909	15.873	35.651	16.8
50.0	7	25.414	25.403	36.113	214.3
2.7	8	25.421	25.420	36.114	218.5

Redsox-1 Station 212
Latitude: 13 10.99 N
Longitude: 047 00.11 E
Date: 08-03-2001
Time: 0041 GMT

Rsx1-212

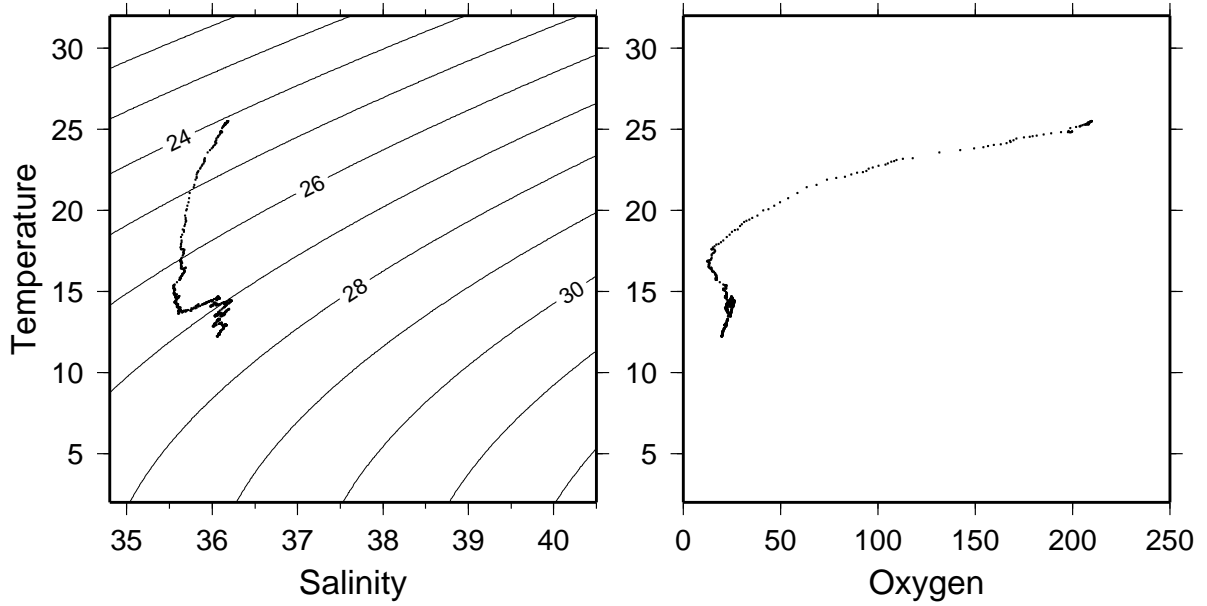
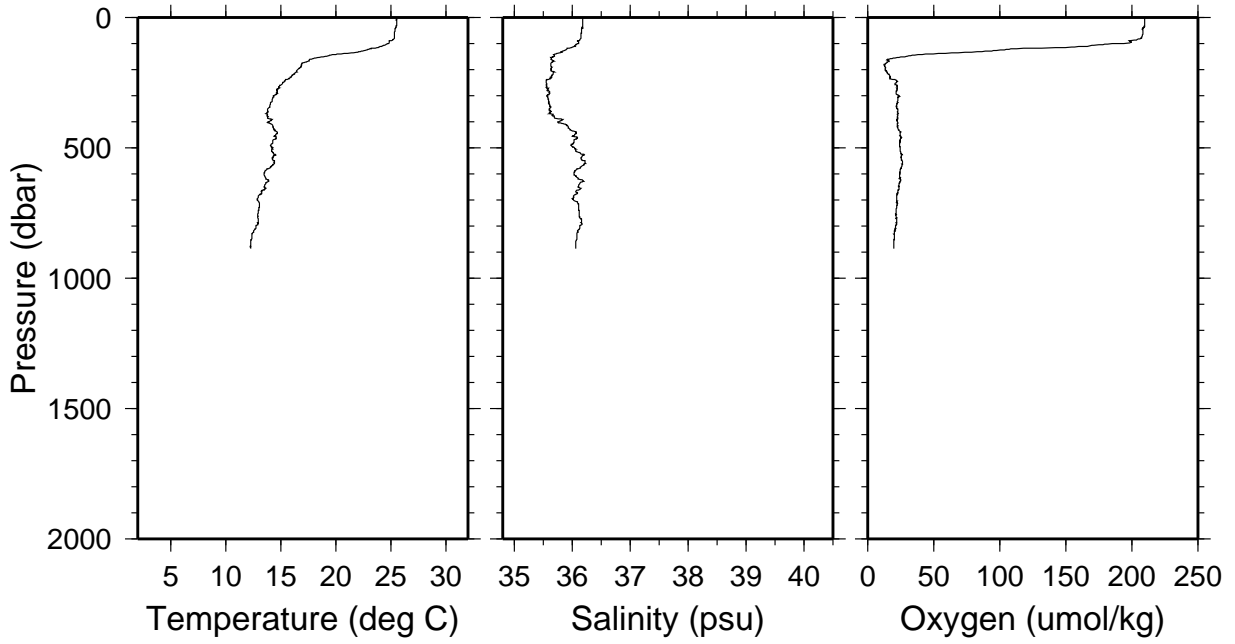


Redsox-1 **Station 213**
Latitude: 13° 19.33 N
Longitude: 047° 0.07 E
Date: 08-03-2001 0228 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.502	25.500	36.185	209.7	24.083
20	25.505	25.500	36.185	209.7	24.083
30	25.503	25.496	36.184	209.5	24.084
40	25.442	25.434	36.174	208.7	24.096
50	25.347	25.336	36.157	208.2	24.113
60	25.337	25.324	36.155	208.4	24.115
70	25.330	25.314	36.154	207.7	24.117
80	25.303	25.285	36.148	206.7	24.122
90	24.848	24.829	36.095	197.9	24.221
100	24.736	24.714	36.097	189.1	24.258
110	24.151	24.128	36.048	166.2	24.397
120	23.112	23.087	35.907	109.6	24.596
130	22.323	22.297	35.827	89.2	24.763
140	20.279	20.253	35.711	46.6	25.237
150	18.820	18.793	35.658	28.0	25.577
160	17.699	17.671	35.630	15.2	25.836
170	17.370	17.342	35.666	15.2	25.943
180	16.896	16.866	35.631	12.7	26.031
190	16.782	16.751	35.639	13.2	26.064
200	16.543	16.510	35.639	13.2	26.121
250	15.177	15.138	35.550	22.0	26.365
300	14.354	14.309	35.563	23.6	26.556
350	13.799	13.748	35.605	22.5	26.708
400	13.845	13.787	35.752	22.4	26.814
450	14.543	14.476	36.039	24.6	26.889
500	14.245	14.170	36.042	24.7	26.956
550	14.422	14.339	36.222	26.1	27.059
600	13.491	13.404	36.032	24.2	27.110
650	13.496	13.402	36.102	23.5	27.165
700	12.863	12.764	36.021	21.9	27.232
750	12.924	12.818	36.120	21.4	27.298
800	12.744	12.632	36.128	21.1	27.341

Redsox-1 Station 213
Latitude: 13 19.33 N
Longitude: 047 00.07 E
Date: 08-03-2001
Time: 0228 GMT

Rsx1-213



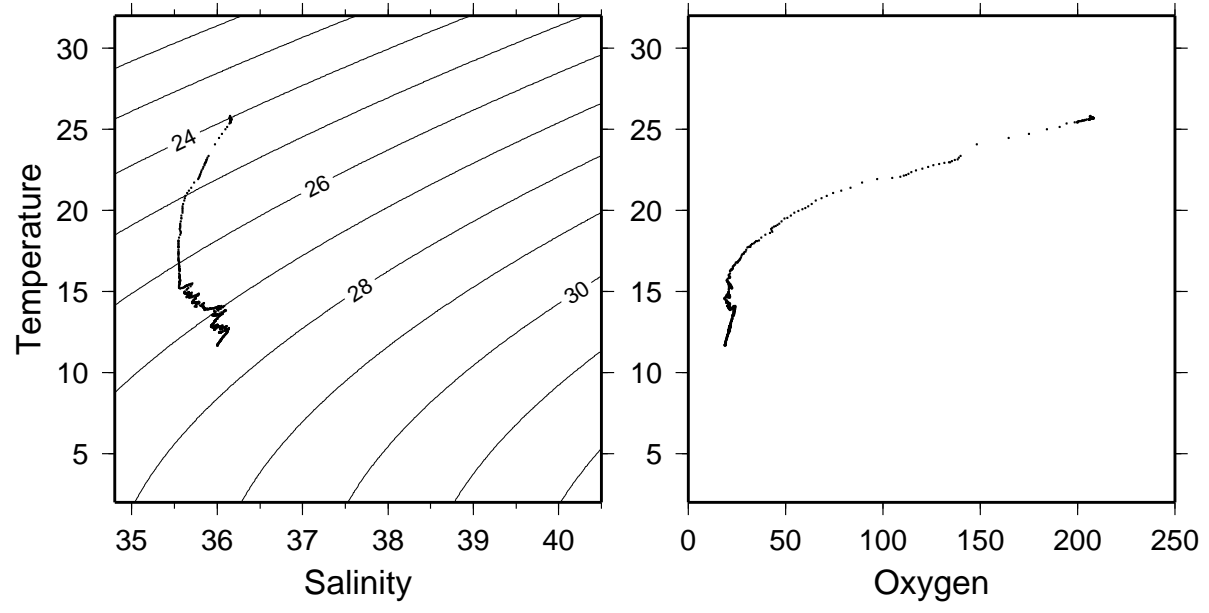
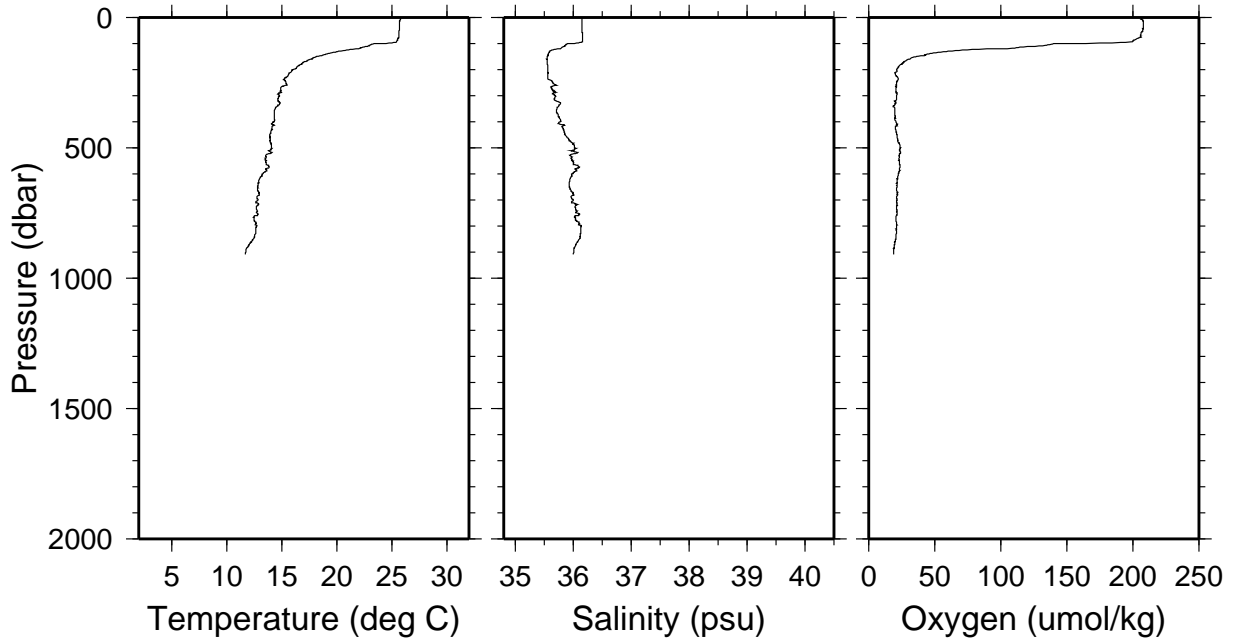
Redsox-1 **Station 214**
 Latitude: 13° 44.88 N
 Longitude: 048° 0.00 E
 Date: 08-03-2001 0847 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.728	25.726	36.148	207.3	23.985
20	25.695	25.691	36.148	207.9	23.996
30	25.684	25.678	36.148	208.0	24.000
40	25.672	25.663	36.147	207.8	24.004
50	25.661	25.650	36.149	207.6	24.010
60	25.626	25.613	36.156	206.2	24.027
70	25.617	25.601	36.161	205.8	24.034
80	25.565	25.547	36.160	203.6	24.050
90	25.450	25.430	36.157	200.1	24.084
100	24.075	24.054	35.972	148.3	24.362
110	22.781	22.758	35.850	126.0	24.648
120	21.944	21.920	35.775	97.1	24.830
130	20.148	20.123	35.594	60.2	25.183
140	19.046	19.021	35.566	44.9	25.449
150	18.105	18.079	35.546	35.6	25.671
160	17.728	17.701	35.549	30.5	25.766
170	17.033	17.004	35.547	26.7	25.933
180	16.772	16.742	35.552	24.5	26.000
190	16.369	16.338	35.558	22.5	26.099
200	16.004	15.972	35.563	20.9	26.187
250	15.362	15.323	35.646	21.2	26.398
300	14.753	14.708	35.690	21.0	26.568
350	14.390	14.338	35.717	19.8	26.669
400	14.267	14.207	35.775	20.6	26.742
450	13.874	13.809	35.851	21.3	26.886
500	14.053	13.979	36.024	23.7	26.983
550	13.546	13.467	35.990	23.1	27.064
600	13.238	13.152	35.979	22.4	27.121
650	12.810	12.719	35.934	21.4	27.173
700	12.861	12.762	36.002	21.4	27.218
750	12.778	12.673	36.081	21.4	27.297
800	12.722	12.610	36.136	21.1	27.352
900	11.719	11.599	36.007	18.9	27.449

Press (dbar)	Bottle	Bottle Data			
		Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
908.3	1	11.680	11.559	36.000	19.8
823.0	2	12.619	12.504	36.130	20.9
629.2	3	12.894	12.806	35.939	21.2
499.3	4	14.134	14.060	36.039	23.7
200.3	5	15.950	15.918	35.566	20.1
100.0	6	24.827	24.805	36.069	186.9
49.8	7	25.691	25.680	36.161	210.2
2.4	8	25.892	25.891	36.153	212.1

Redsox-1 Station 214
Latitude: 13 44.88 N
Longitude: 048 00.00 E
Date: 08-03-2001
Time: 0847 GMT

Rsx1-214

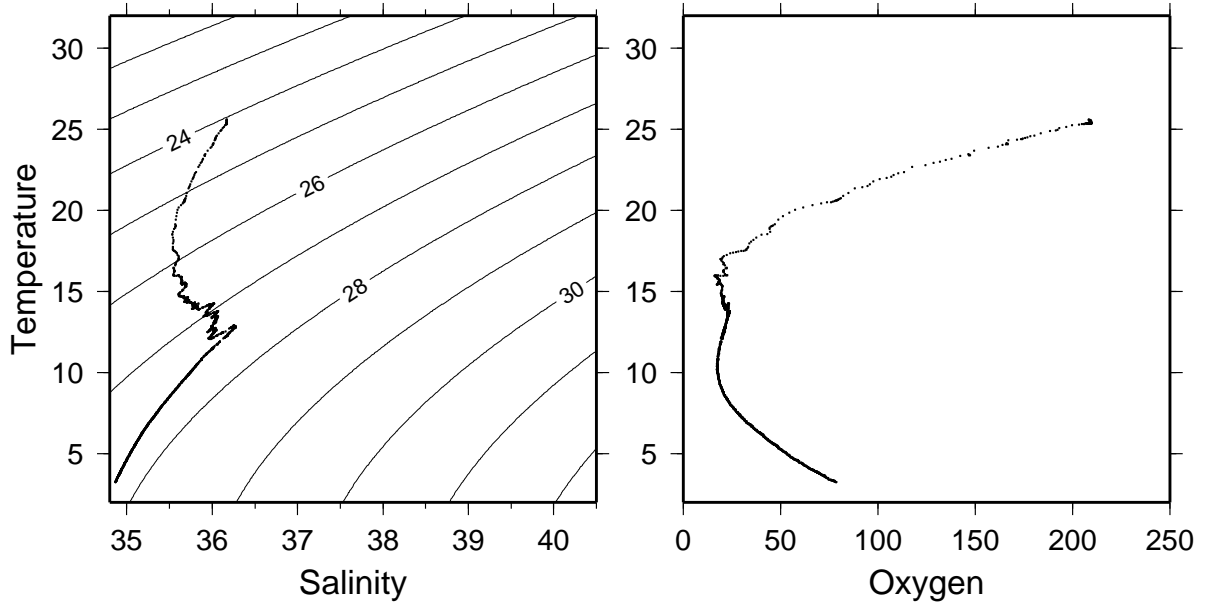
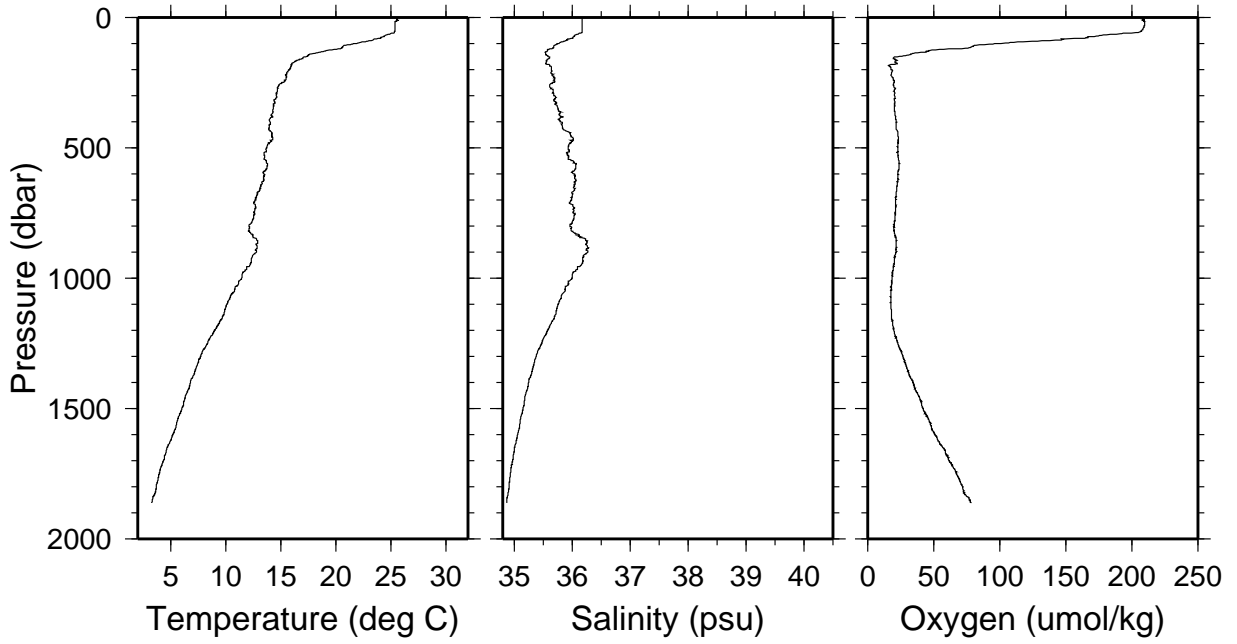


Redsox-1 **Station 215**
Latitude: 13° 30.00 N
Longitude: 048° 0.10 E
Date: 08-03-2001 1117 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.539	25.536	36.170	209.3	24.061
20	25.386	25.381	36.169	209.8	24.108
30	25.373	25.366	36.168	209.6	24.112
40	25.362	25.353	36.169	208.7	24.116
50	25.350	25.339	36.169	207.5	24.121
60	25.161	25.147	36.140	196.7	24.158
70	24.425	24.410	36.036	174.5	24.303
80	23.944	23.927	35.991	161.6	24.414
90	23.008	22.990	35.878	132.0	24.603
100	21.800	21.780	35.758	97.7	24.855
110	20.657	20.636	35.679	79.6	25.110
120	20.336	20.313	35.633	66.4	25.161
130	18.943	18.920	35.566	44.2	25.475
140	17.676	17.652	35.541	32.9	25.772
150	17.238	17.213	35.592	22.3	25.918
160	16.739	16.713	35.572	20.9	26.021
170	16.253	16.225	35.558	20.6	26.125
180	15.955	15.926	35.578	19.2	26.210
190	15.893	15.863	35.640	17.3	26.272
200	15.765	15.733	35.640	18.1	26.301
250	15.122	15.083	35.660	19.9	26.463
300	14.574	14.529	35.679	20.2	26.599
350	14.296	14.244	35.755	20.2	26.719
400	13.988	13.929	35.792	21.6	26.814
450	14.186	14.119	35.968	22.8	26.910
500	13.711	13.639	35.935	22.8	26.986
550	13.697	13.617	36.023	23.6	27.059
600	13.474	13.387	36.032	22.9	27.114
650	13.156	13.064	36.031	22.1	27.179
700	12.679	12.581	35.983	21.1	27.239
750	12.564	12.460	36.022	20.8	27.294
800	12.096	11.988	35.957	20.0	27.335
900	12.785	12.658	36.273	21.5	27.449
1000	11.437	11.305	35.994	18.6	27.494
1250	8.346	8.207	35.475	22.7	27.615
1500	6.021	5.878	35.152	41.9	27.689
1750	3.953	3.810	34.932	67.1	27.752

Redsox-1 Station 215
Latitude: 13 30.00 N
Longitude: 048 00.10 E
Date: 08-03-2001
Time: 1117 GMT

Rsx1-215



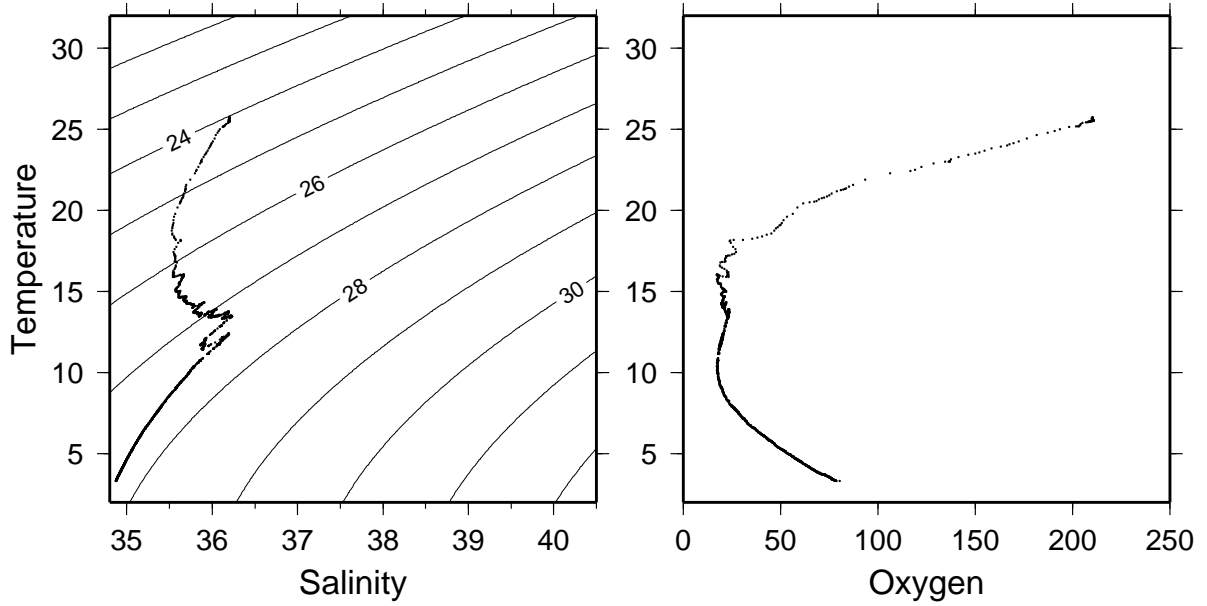
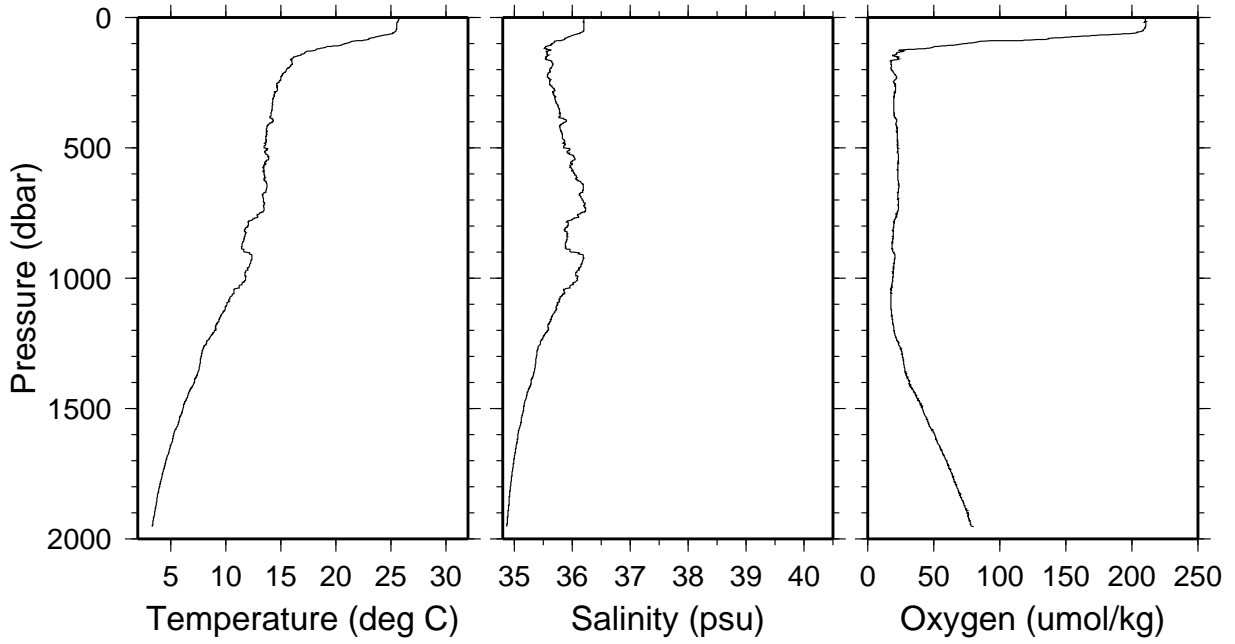
Redsox-1 **Station 216**
Latitude: 13° 14.97 N
Longitude: 047° 59.96 E
Date: 08-03-2001 1401 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.691	25.689	36.203	210.3	24.038
20	25.535	25.531	36.196	210.7	24.082
30	25.525	25.519	36.199	210.5	24.088
40	25.517	25.509	36.202	209.7	24.094
50	25.466	25.455	36.196	208.5	24.106
60	25.180	25.167	36.133	202.7	24.147
70	24.058	24.043	35.985	167.7	24.374
80	23.039	23.023	35.873	136.9	24.589
90	21.901	21.883	35.742	93.4	24.815
100	20.855	20.836	35.659	73.8	25.040
110	19.592	19.572	35.556	53.3	25.298
120	18.399	18.378	35.551	40.4	25.600
130	17.431	17.410	35.549	27.0	25.837
140	17.004	16.981	35.566	21.6	25.954
150	16.279	16.255	35.544	22.5	26.107
160	15.956	15.931	35.545	23.1	26.183
170	15.995	15.968	35.646	18.0	26.252
180	16.008	15.979	35.667	17.6	26.266
190	15.791	15.761	35.644	17.7	26.298
200	15.523	15.491	35.612	17.9	26.335
250	14.773	14.735	35.610	19.7	26.501
300	14.414	14.369	35.697	20.2	26.647
350	14.217	14.165	35.775	19.8	26.751
400	14.203	14.144	35.876	21.8	26.834
450	13.694	13.629	35.831	22.2	26.908
500	13.477	13.406	35.850	22.9	26.969
550	13.676	13.596	36.003	23.2	27.047
600	13.481	13.394	36.040	22.8	27.119
650	13.738	13.643	36.192	23.5	27.184
700	13.413	13.312	36.168	23.1	27.234
750	13.063	12.956	36.139	22.2	27.284
800	11.995	11.887	35.921	19.6	27.326
900	11.738	11.618	35.990	19.5	27.432
1000	11.764	11.630	36.085	18.9	27.503
1250	8.236	8.098	35.450	23.6	27.612
1500	6.113	5.969	35.161	41.3	27.684
1750	4.243	4.097	34.959	63.8	27.743

Press (dbar)	Bottle	Bottle Data			
		Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1953.2	1	3.320	3.167	34.882	79.3
1000.5	2	11.765	11.630	36.082	19.3
900.5	3	11.666	11.546	35.986	19.0
800.3	4	11.848	11.741	35.886	21.0
650.0	5	13.678	13.583	36.187	22.9
99.9	6	20.935	20.916	35.673	74.0
50.1	7	25.415	25.404	36.182	209.2
4.3	8	25.672	25.671	36.186	211.3

Redsox-1 Station 216
Latitude: 13 14.97 N
Longitude: 047 59.96 E
Date: 08-03-2001
Time: 1401 GMT

Rsx1-216



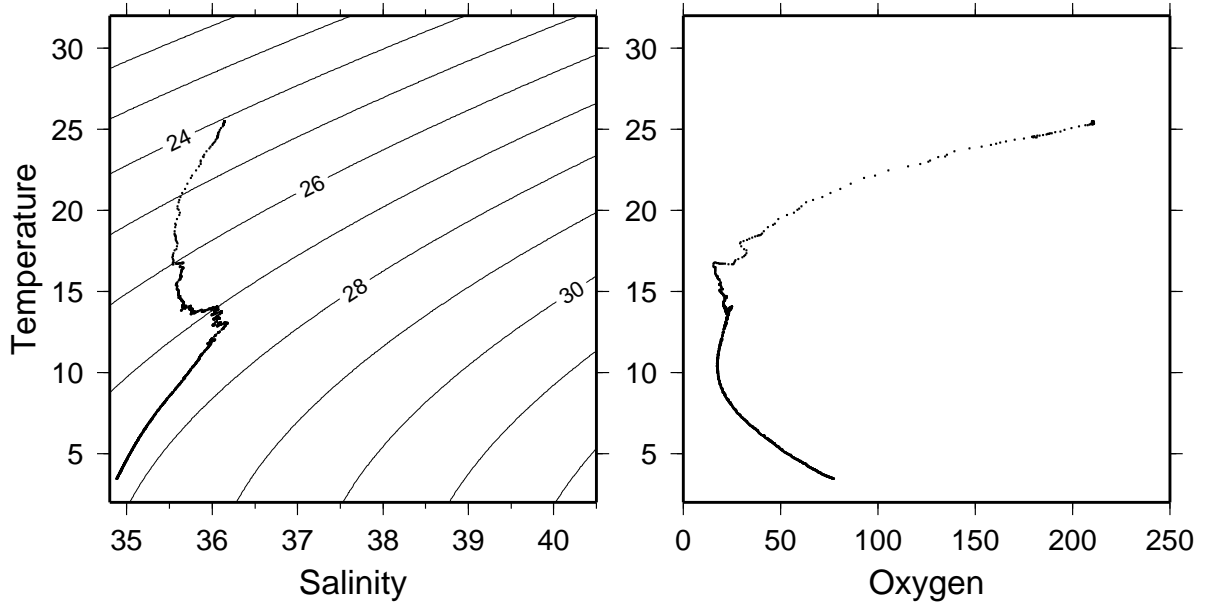
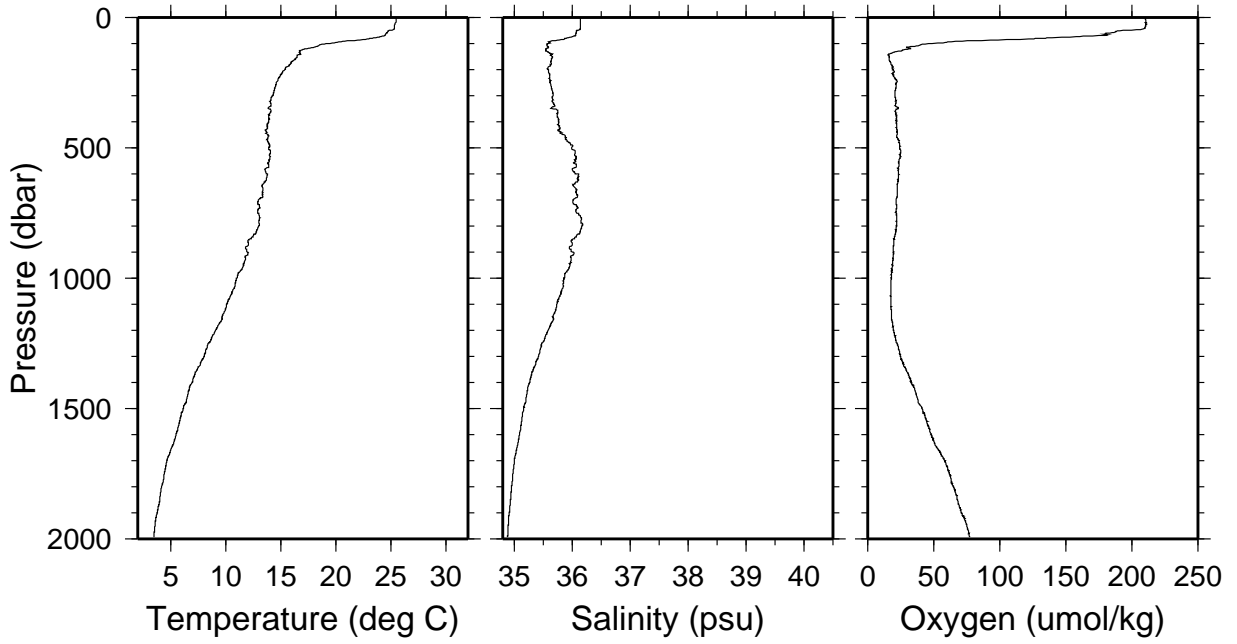
Redsox-1 **Station 217**
Latitude: 12° 59.97 N
Longitude: 047° 59.98 E
Date: 08-03-2001 1652 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.479	25.477	36.141	210.4	24.057
20	25.441	25.436	36.140	210.6	24.069
30	25.336	25.330	36.140	210.6	24.102
40	25.320	25.311	36.140	209.8	24.107
50	24.858	24.847	36.082	193.6	24.205
60	24.590	24.577	36.064	181.8	24.274
70	24.365	24.350	36.045	170.3	24.328
80	23.270	23.254	35.898	131.0	24.541
90	21.066	21.049	35.650	75.5	24.975
100	19.164	19.147	35.570	47.1	25.419
110	18.309	18.290	35.574	35.4	25.640
120	17.258	17.238	35.542	31.7	25.874
130	16.665	16.644	35.546	23.2	26.018
140	16.772	16.749	35.660	16.2	26.080
150	16.475	16.450	35.654	16.3	26.146
160	16.289	16.263	35.644	16.3	26.182
170	15.969	15.943	35.628	17.1	26.244
180	15.816	15.788	35.627	17.6	26.278
190	15.495	15.465	35.582	19.1	26.317
200	15.387	15.356	35.587	19.1	26.346
250	14.594	14.556	35.615	21.6	26.543
300	14.271	14.226	35.671	20.5	26.658
350	13.936	13.885	35.681	22.7	26.738
400	13.872	13.813	35.764	21.8	26.817
450	13.820	13.754	35.854	22.2	26.899
500	13.919	13.846	35.991	24.2	26.986
550	13.934	13.853	36.054	23.7	27.033
600	13.719	13.631	36.071	23.4	27.093
650	13.300	13.206	36.028	22.4	27.148
700	12.969	12.871	36.015	21.6	27.206
750	12.919	12.813	36.083	21.5	27.270
800	13.001	12.887	36.171	21.8	27.323
900	11.969	11.847	36.011	19.7	27.404
1000	10.992	10.863	35.858	17.8	27.469
1250	8.403	8.263	35.474	22.2	27.606
1500	6.129	5.984	35.163	41.1	27.684
1750	4.400	4.252	34.975	61.8	27.740

Press (dbar)	Bottle	Bottle Data			
		Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1995.0	1	3.452	3.293	-9.990	78.5
1995.0	2	3.450	3.291	-9.990	79.1
1100.4	3	10.074	9.939	-9.990	22.3
1100.4	4	10.073	9.938	-9.990	21.5
188.8	5	15.605	15.575	-9.990	24.4
188.8	6	15.595	15.566	-9.990	21.7
1.7	7	25.434	25.434	-9.990	209.9
1.7	8	25.435	25.435	-9.990	207.6

Redsox-1 Station 217
Latitude: 12 59.97 N
Longitude: 047 59.98 E
Date: 08-03-2001
Time: 1652 GMT

Rsx1-217



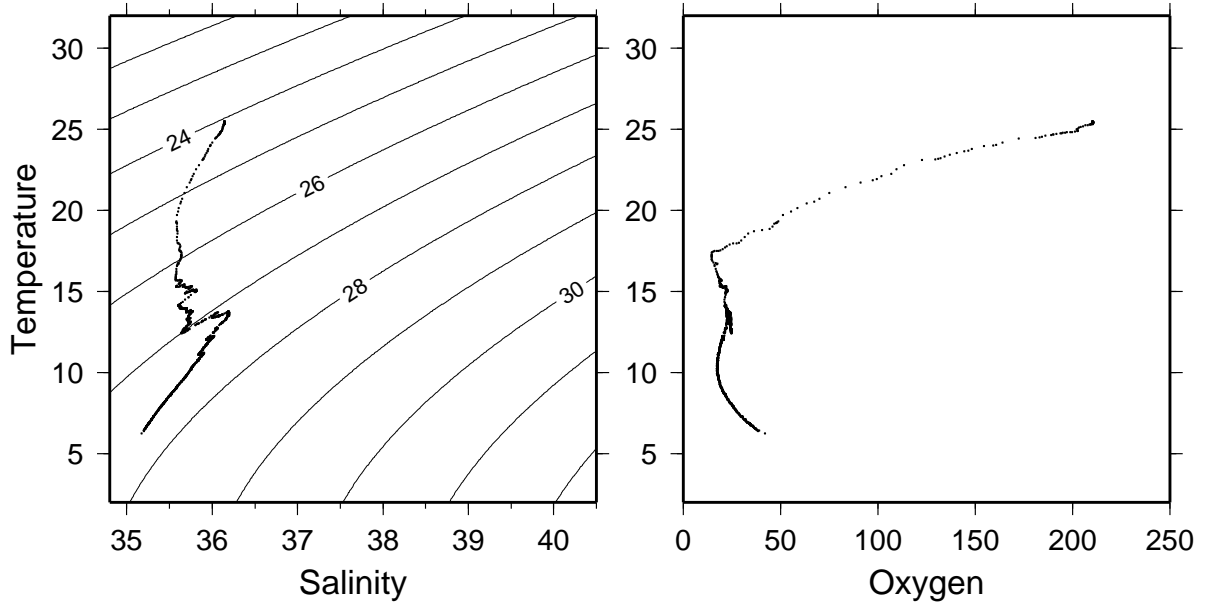
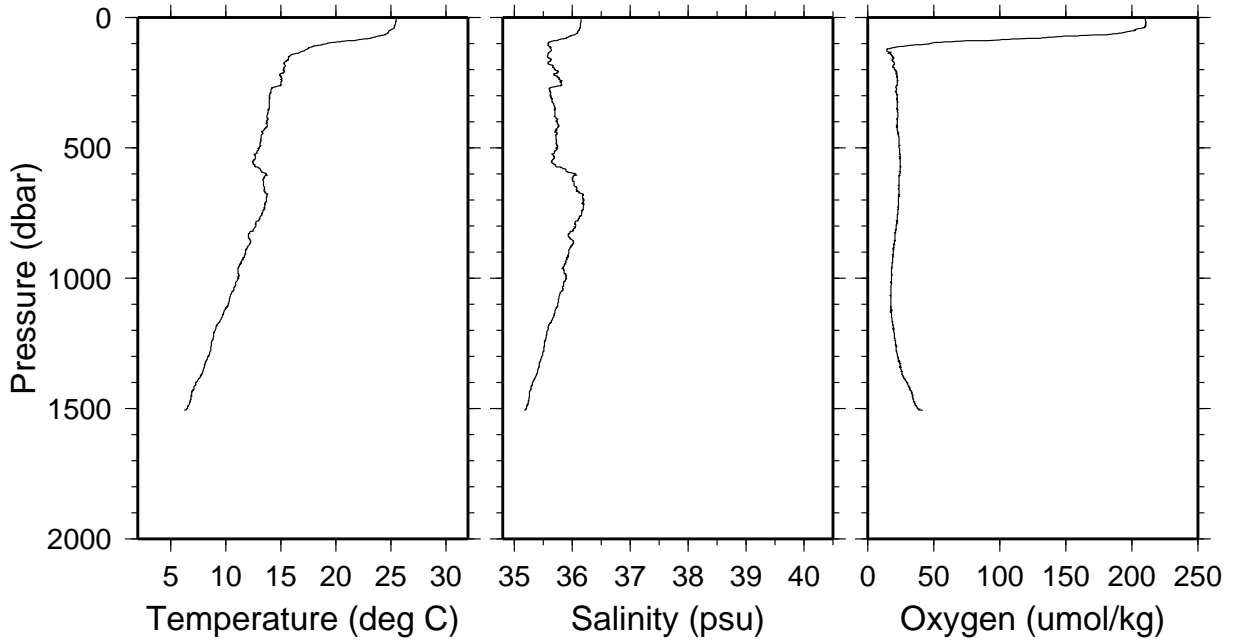
Redsox-1 **Station 218**
Latitude: 12° 44.94 N
Longitude: 047° 59.93 E
Date: 08-03-2001 1929 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.459	25.457	36.147	210.2	24.068
20	25.444	25.440	36.146	210.2	24.072
30	25.350	25.343	36.143	210.2	24.100
40	25.287	25.278	36.137	208.6	24.116
50	24.885	24.875	36.107	202.6	24.216
60	24.691	24.678	36.081	190.2	24.256
70	24.009	23.994	35.979	159.3	24.385
80	23.143	23.127	35.894	129.3	24.575
90	21.067	21.050	35.676	75.1	24.995
100	19.216	19.198	35.585	47.7	25.418
110	17.966	17.947	35.599	27.3	25.744
120	17.448	17.427	35.630	15.3	25.895
130	16.957	16.936	35.626	14.5	26.010
140	16.164	16.142	35.579	17.3	26.161
150	15.749	15.725	35.574	19.1	26.252
160	15.675	15.650	35.631	19.0	26.313
170	15.454	15.428	35.607	19.3	26.345
180	15.331	15.304	35.620	20.0	26.382
190	15.297	15.268	35.657	19.0	26.419
200	15.236	15.205	35.699	20.5	26.466
250	15.018	14.980	35.806	22.4	26.598
300	13.976	13.932	35.626	22.3	26.685
350	13.946	13.895	35.705	22.1	26.755
400	13.733	13.675	35.736	22.4	26.824
450	13.258	13.194	35.722	23.2	26.913
500	13.027	12.957	35.729	23.9	26.966
550	12.489	12.414	35.646	24.6	27.011
600	13.671	13.584	36.047	24.3	27.085
650	13.495	13.401	36.070	23.6	27.140
700	13.689	13.586	36.196	23.4	27.199
750	13.291	13.183	36.158	22.7	27.253
800	12.725	12.613	36.060	21.6	27.292
900	11.797	11.676	35.942	19.5	27.383
1000	11.116	10.986	35.890	18.0	27.472
1250	8.684	8.542	35.520	21.2	27.598
1500	6.492	6.344	35.208	37.6	27.672

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1506.4	1	6.380	6.232	35.215	39.8
999.8	2	11.119	10.989	35.890	17.9
700.5	3	13.678	13.576	36.193	23.4
560.6	4	12.480	12.403	35.672	24.2
295.4	5	14.063	14.020	35.625	21.6
100.6	6	19.138	19.120	35.589	42.9
50.4	7	25.153	25.142	36.132	205.2
1.7	8	25.419	25.419	36.145	213.3

Redsox-1 Station 218
Latitude: 12 44.94 N
Longitude: 047 59.93 E
Date: 08-03-2001
Time: 1929 GMT

Rsx1-218

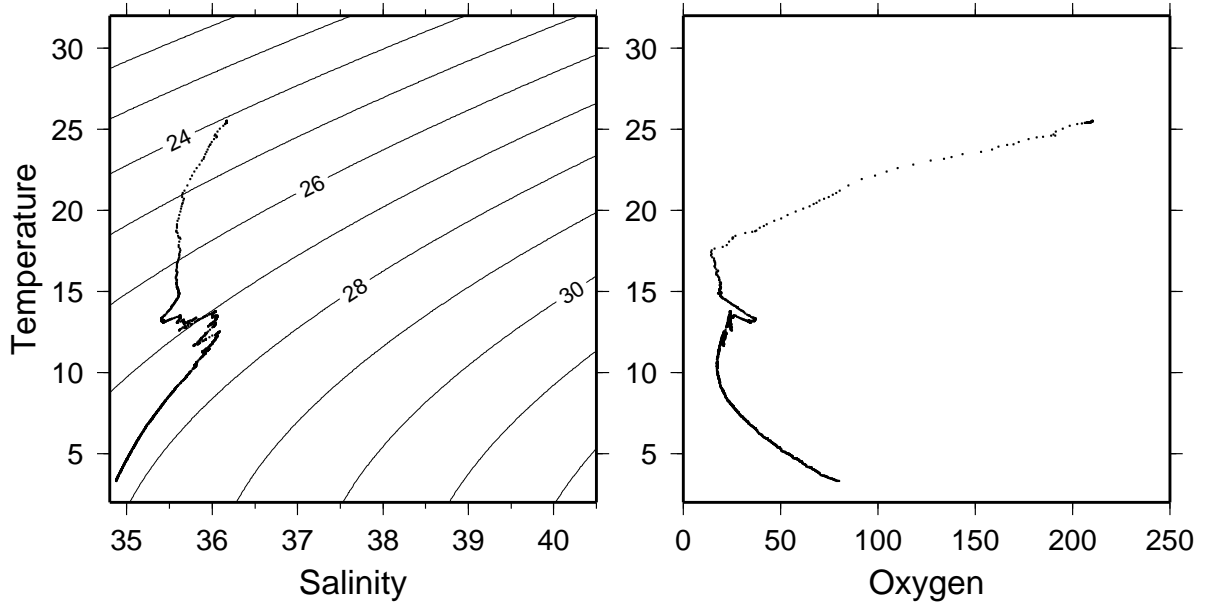
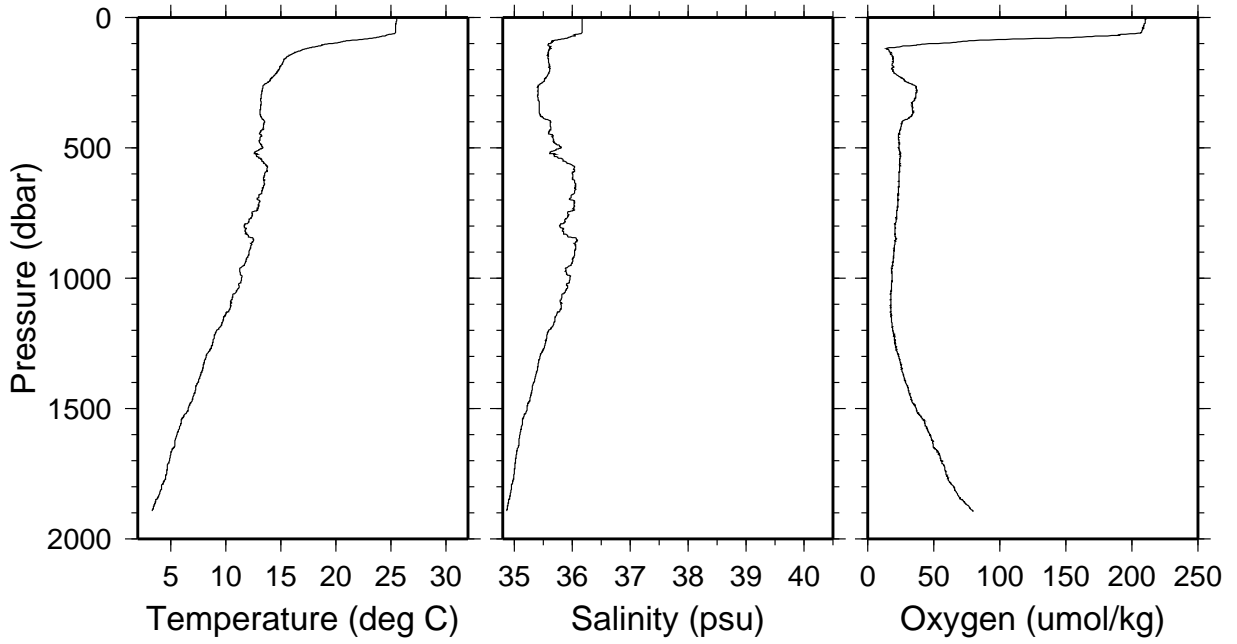


Redsox-1 **Station 219**
Latitude: 12° 29.98 N
Longitude: 047° 59.87 E
Date: 08-03-2001 2213 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.504	25.502	36.171	210.2	24.072
20	25.491	25.486	36.171	210.1	24.077
30	25.430	25.424	36.169	209.1	24.095
40	25.420	25.411	36.170	208.6	24.099
50	25.416	25.404	36.169	207.8	24.101
60	25.387	25.374	36.163	206.2	24.106
70	24.494	24.479	36.046	181.6	24.290
80	23.188	23.172	35.897	133.9	24.564
90	20.961	20.944	35.649	76.7	25.004
100	19.517	19.499	35.606	50.2	25.356
110	18.316	18.297	35.606	25.4	25.662
120	17.251	17.231	35.615	14.2	25.931
130	16.587	16.566	35.590	16.2	26.070
140	16.043	16.020	35.585	17.1	26.193
150	15.551	15.527	35.583	18.9	26.304
160	15.306	15.281	35.586	19.1	26.361
170	15.207	15.181	35.592	19.1	26.389
180	15.090	15.062	35.604	18.3	26.424
190	14.890	14.862	35.605	19.5	26.469
200	14.810	14.779	35.610	19.0	26.491
250	13.777	13.741	35.484	30.6	26.615
300	13.187	13.145	35.401	36.5	26.675
350	13.142	13.093	35.433	33.6	26.710
400	13.517	13.459	35.626	26.0	26.784
450	13.197	13.134	35.647	23.4	26.867
500	13.377	13.306	35.814	23.6	26.961
550	13.254	13.175	35.841	24.3	27.009
600	13.517	13.430	35.998	23.8	27.078
650	13.434	13.340	36.060	23.5	27.145
700	12.939	12.841	35.982	23.3	27.187
750	12.389	12.286	35.919	22.0	27.248
800	11.657	11.551	35.781	20.7	27.282
900	12.096	11.974	36.039	19.8	27.401
1000	11.432	11.299	35.960	18.4	27.468
1250	8.801	8.658	35.535	20.7	27.592
1500	6.583	6.433	35.217	36.7	27.667
1750	4.624	4.472	34.998	59.4	27.734

Redsox-1 Station 219
Latitude: 12 29.98 N
Longitude: 047 59.87 E
Date: 08-03-2001
Time: 2213 GMT

Rsx1-219



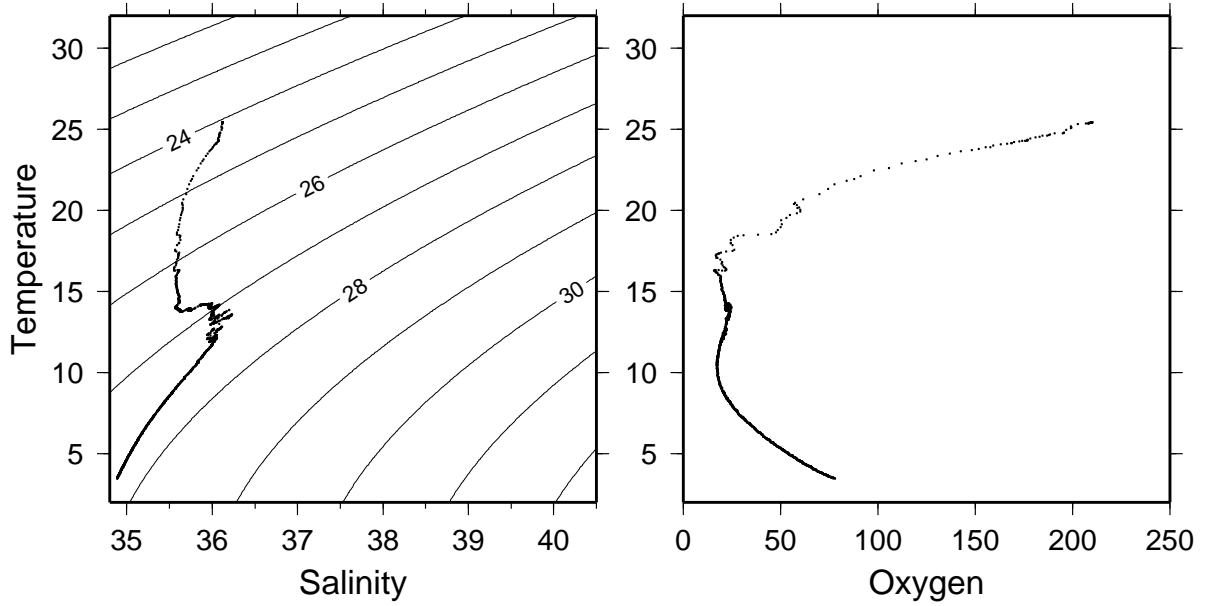
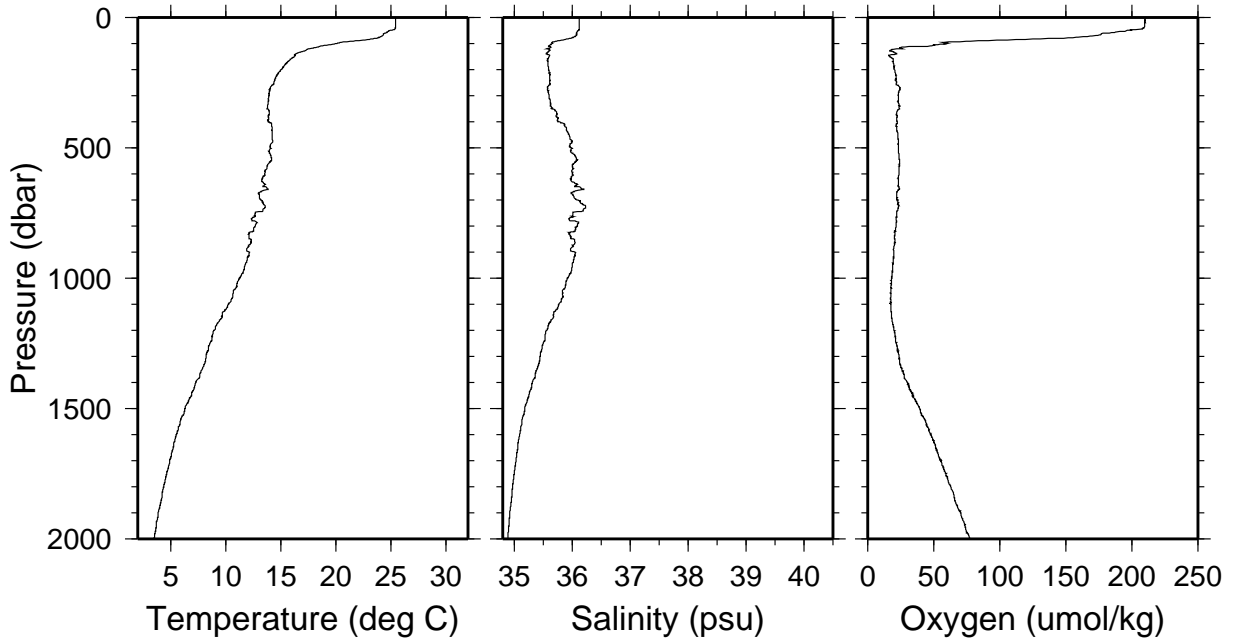
Redsox-1 **Station 220**
Latitude: 12° 14.94 N
Longitude: 047° 59.90 E
Date: 09-03-2001 0106 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.437	25.435	36.119	209.8	24.054
20	25.433	25.429	36.119	209.8	24.055
30	25.431	25.424	36.119	209.6	24.057
40	25.391	25.382	36.117	208.6	24.068
50	24.955	24.944	36.108	196.6	24.196
60	24.498	24.485	36.078	181.1	24.313
70	24.215	24.200	36.061	169.9	24.385
80	23.637	23.620	35.966	142.6	24.486
90	21.804	21.786	35.752	83.8	24.849
100	20.051	20.032	35.652	60.0	25.250
110	18.543	18.523	35.588	45.2	25.591
120	17.496	17.476	35.565	25.4	25.834
130	17.072	17.050	35.601	17.6	25.964
140	16.323	16.301	35.553	22.0	26.104
150	16.196	16.172	35.601	16.9	26.170
160	15.870	15.845	35.577	19.3	26.227
170	15.628	15.601	35.579	19.0	26.284
180	15.418	15.391	35.578	19.6	26.331
190	15.205	15.176	35.585	20.0	26.385
200	15.031	15.000	35.591	20.3	26.428
250	14.354	14.317	35.611	21.7	26.592
300	13.920	13.877	35.602	23.1	26.679
350	13.758	13.707	35.650	24.1	26.751
400	13.864	13.806	35.763	22.3	26.818
450	14.224	14.157	35.944	22.9	26.883
500	14.064	13.990	35.985	23.2	26.951
550	14.082	14.001	36.066	24.1	27.011
600	13.538	13.451	36.001	23.8	27.076
650	13.617	13.522	36.122	23.5	27.155
700	13.189	13.089	36.081	22.4	27.213
750	12.658	12.554	36.007	21.9	27.263
800	12.693	12.581	36.085	21.3	27.318
900	12.115	11.993	36.046	19.9	27.403
1000	11.231	11.101	35.916	18.2	27.471
1250	8.554	8.414	35.497	21.6	27.601
1500	6.291	6.145	35.181	39.4	27.677
1750	4.615	4.464	34.996	59.2	27.733
2000	3.487	3.327	34.887	77.5	27.764

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
2001.6	1	3.483	3.323	34.920	76.3
1227.3	2	8.742	8.602	35.528	20.9
891.1	3	12.006	11.885	36.009	19.1
646.5	4	13.448	13.355	36.072	22.4
245.3	5	14.300	14.264	35.605	21.8
100.0	6	19.361	19.343	35.622	47.1
49.7	7	24.812	24.801	36.107	192.7
2.8	8	25.422	25.421	36.120	209.9

Redsox-1 Station 220
Latitude: 12 14.94 N
Longitude: 047 59.90 E
Date: 09-03-2001
Time: 0106 GMT

Rsx1-220

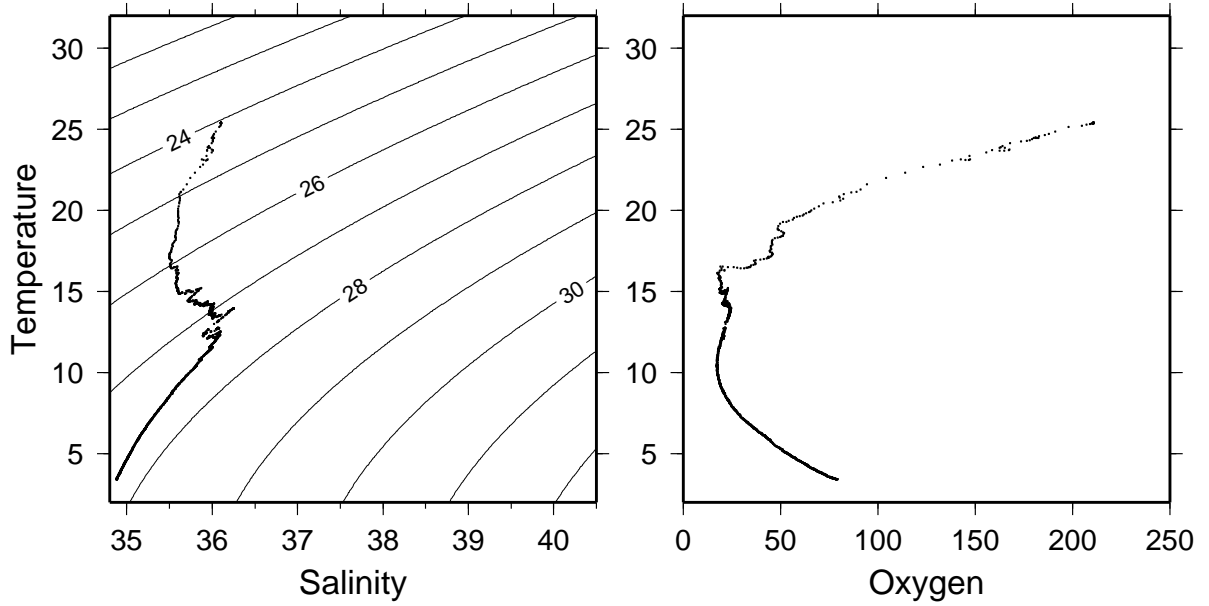
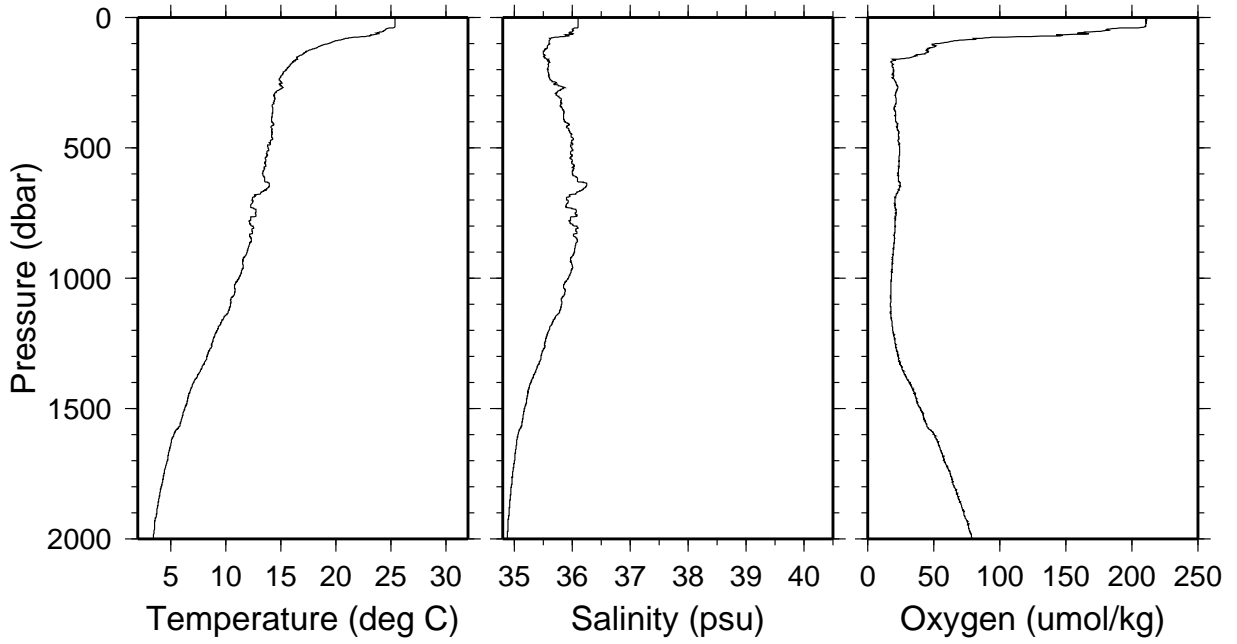


Redsox-1 **Station 221**
Latitude: 11° 59.95 N
Longitude: 048° 0.01 E
Date: 09-03-2001 0355 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.379	25.377	36.104	210.8	24.060
20	25.382	25.377	36.104	210.8	24.060
30	25.379	25.372	36.104	210.5	24.062
40	25.156	25.148	36.082	197.9	24.114
50	24.459	24.448	36.024	180.1	24.282
60	23.732	23.719	35.941	158.6	24.437
70	23.118	23.103	35.942	145.1	24.618
80	21.005	20.990	35.613	82.4	24.963
90	19.933	19.916	35.604	65.2	25.245
100	19.302	19.284	35.607	52.8	25.412
110	18.536	18.516	35.571	51.4	25.581
120	17.952	17.931	35.540	45.6	25.703
130	17.337	17.316	35.504	45.9	25.825
140	17.034	17.010	35.500	42.9	25.896
150	16.535	16.511	35.515	34.4	26.025
160	16.531	16.506	35.587	20.2	26.082
170	16.135	16.108	35.599	17.5	26.183
180	15.852	15.824	35.582	19.2	26.236
190	15.693	15.663	35.585	18.9	26.274
200	15.500	15.469	35.575	19.7	26.311
250	15.058	15.020	35.721	21.3	26.523
300	14.392	14.348	35.738	20.9	26.684
350	14.266	14.214	35.827	19.9	26.781
400	14.177	14.118	35.875	21.5	26.838
450	14.179	14.112	35.981	23.3	26.922
500	13.863	13.790	35.993	24.2	26.999
550	13.644	13.564	36.002	23.9	27.054
600	13.353	13.267	36.004	23.0	27.117
650	13.904	13.808	36.233	24.2	27.181
700	12.380	12.284	35.903	20.8	27.235
750	12.672	12.567	36.051	21.3	27.295
800	12.385	12.274	36.046	20.9	27.348
900	11.932	11.810	36.033	19.4	27.428
1000	11.190	11.060	35.930	17.9	27.489
1250	8.745	8.603	35.524	20.8	27.592
1500	6.254	6.109	35.175	39.7	27.677
1750	4.376	4.228	34.972	62.4	27.739
2000	3.420	3.261	34.881	79.1	27.765

Redsox-1 Station 221
Latitude: 11 59.95 N
Longitude: 048 00.01 E
Date: 09-03-2001
Time: 0355 GMT

Rsx1-221



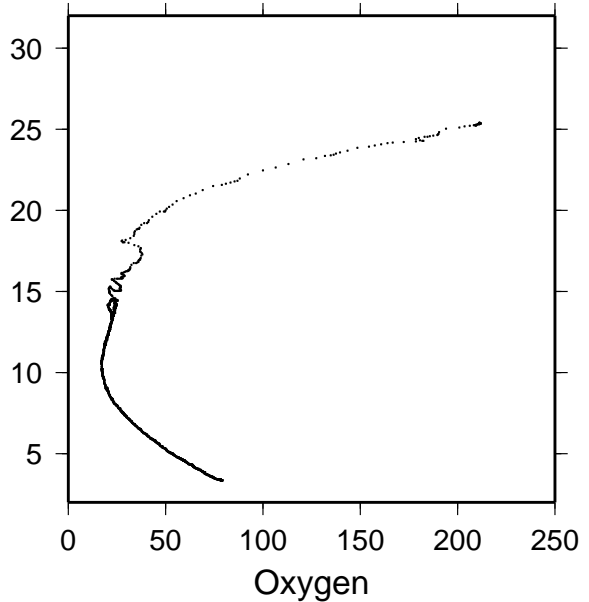
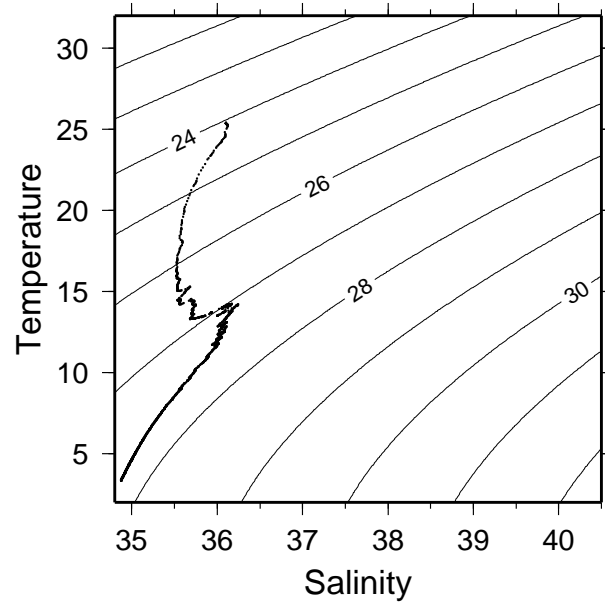
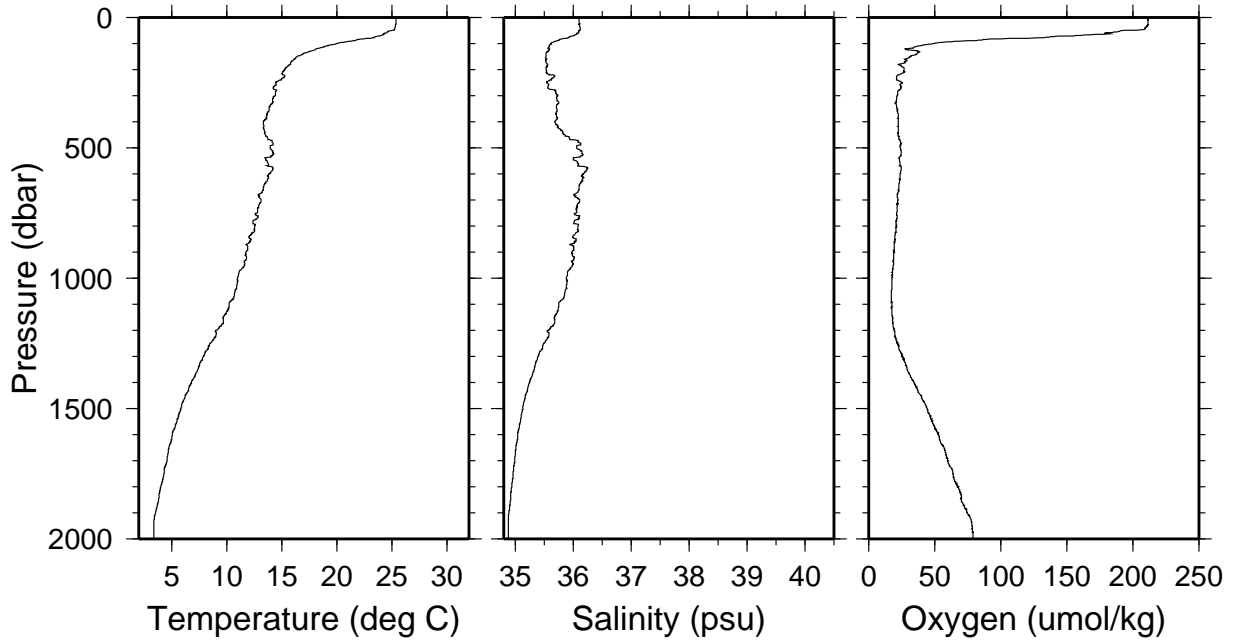
Redsox-1 **Station 222**
Latitude: 11° 44.95 N
Longitude: 048° 0.02 E
Date: 09-03-2001 0642 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.364	25.361	36.104	211.3	24.065
20	25.344	25.340	36.104	211.4	24.072
30	25.332	25.325	36.108	211.1	24.079
40	25.246	25.238	36.122	209.5	24.117
50	25.047	25.036	36.109	194.0	24.168
60	24.408	24.395	36.072	178.5	24.335
70	23.916	23.901	35.996	154.4	24.425
80	22.862	22.845	35.855	113.0	24.627
90	21.497	21.479	35.723	74.3	24.913
100	19.945	19.927	35.612	49.6	25.248
110	18.914	18.895	35.581	36.5	25.493
120	18.155	18.135	35.585	27.6	25.687
130	17.570	17.548	35.560	36.9	25.812
140	16.935	16.912	35.534	36.3	25.945
150	16.354	16.330	35.526	31.5	26.076
160	16.135	16.110	35.533	27.4	26.133
170	15.866	15.839	35.532	27.2	26.194
180	15.754	15.725	35.564	22.4	26.245
190	15.414	15.384	35.536	26.0	26.300
200	15.242	15.211	35.535	26.7	26.337
250	14.439	14.402	35.537	25.4	26.517
300	14.399	14.354	35.736	21.4	26.681
350	13.845	13.794	35.716	21.5	26.784
400	13.326	13.269	35.682	22.4	26.867
450	13.495	13.430	35.853	22.2	26.966
500	13.955	13.881	36.058	23.8	27.031
550	13.663	13.583	36.056	23.4	27.091
600	13.818	13.730	36.164	23.7	27.144
650	13.342	13.249	36.102	22.9	27.197
700	13.092	12.992	36.106	22.2	27.252
750	12.702	12.597	36.041	21.2	27.281
800	12.524	12.413	36.081	20.8	27.348
900	11.742	11.621	35.978	18.9	27.422
1000	10.966	10.837	35.879	17.6	27.490
1250	8.488	8.348	35.492	21.7	27.607
1500	5.826	5.685	35.127	44.1	27.693
1750	4.284	4.137	34.963	63.8	27.742
2000	3.355	3.197	34.874	79.2	27.766

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
2000.7	1	3.354	3.196	34.876	78.4
1219.2	2	8.974	8.833	35.562	20.0
1019.3	3	10.944	10.813	35.889	17.0
577.6	4	14.125	14.039	36.228	23.9
302.4	5	14.373	14.328	35.729	21.1
101.4	6	19.300	19.282	35.593	37.7
50.8	7	24.713	24.702	36.094	193.6
3.2	8	25.464	25.463	36.102	217.5

Redsox-1 Station 222
Latitude: 11 44.95 N
Longitude: 048 00.02 E
Date: 09-03-2001
Time: 0642 GMT

Rsx1-222



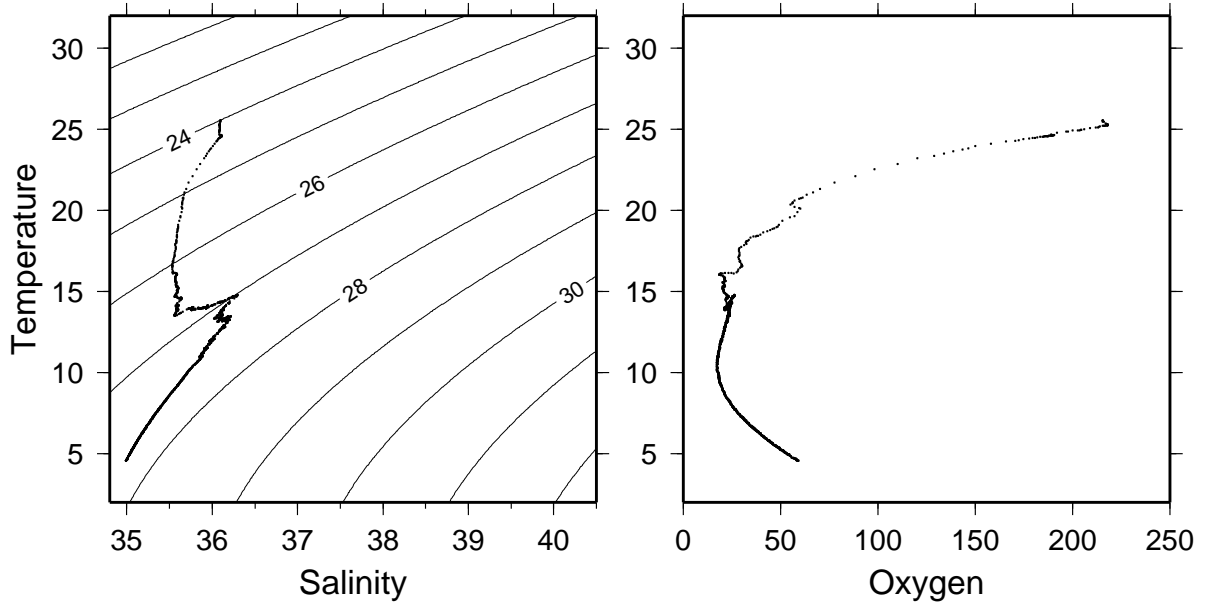
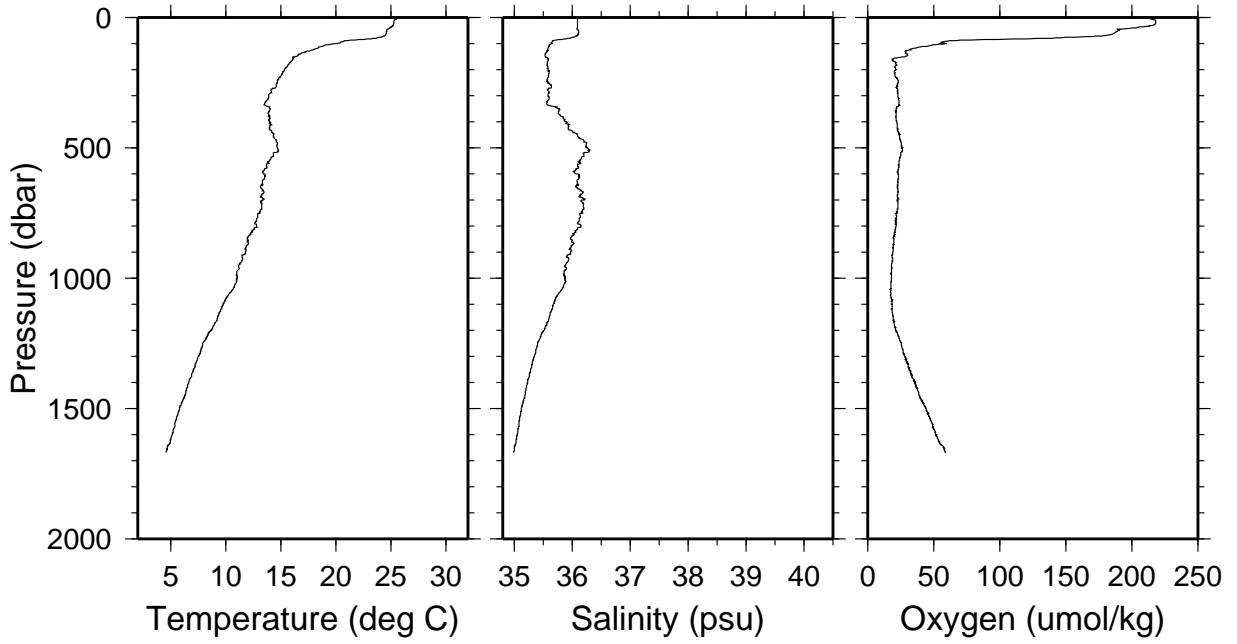
Redsox-1 **Station 223**
Latitude: 11° 34.01 N
Longitude: 047° 59.98 E
Date: 09-03-2001 0904 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.308	25.306	36.091	217.6	24.072
20	25.261	25.257	36.092	217.9	24.088
30	25.198	25.191	36.092	215.4	24.109
40	24.936	24.928	36.087	202.8	24.185
50	24.623	24.613	36.105	189.9	24.294
60	24.576	24.563	36.107	186.9	24.311
70	24.423	24.408	36.079	177.7	24.336
80	23.496	23.479	35.942	133.9	24.509
90	20.791	20.774	35.660	61.4	25.058
100	20.111	20.092	35.650	60.0	25.233
110	18.778	18.758	35.595	44.8	25.538
120	18.119	18.098	35.580	33.1	25.692
130	17.379	17.357	35.563	28.7	25.861
140	16.699	16.676	35.534	29.9	26.001
150	16.266	16.242	35.537	27.9	26.105
160	16.075	16.050	35.587	18.8	26.188
170	15.908	15.881	35.569	20.8	26.213
180	15.731	15.703	35.568	21.3	26.253
190	15.549	15.519	35.579	20.3	26.303
200	15.325	15.294	35.581	21.2	26.354
250	14.683	14.645	35.585	22.9	26.501
300	13.876	13.833	35.580	22.8	26.671
350	14.051	13.999	35.777	21.5	26.788
400	13.998	13.939	35.888	22.0	26.887
450	14.356	14.288	36.094	24.0	26.971
500	14.697	14.621	36.258	26.0	27.026
550	13.965	13.884	36.130	23.6	27.086
600	13.519	13.432	36.098	23.0	27.155
650	13.159	13.066	36.073	22.5	27.211
700	13.389	13.288	36.196	22.6	27.261
750	13.082	12.975	36.176	21.7	27.309
800	12.808	12.696	36.148	21.4	27.344
900	11.788	11.667	35.973	18.9	27.409
1000	11.032	10.903	35.884	17.8	27.483
1250	7.902	7.767	35.398	25.3	27.622
1500	5.788	5.647	35.123	44.2	27.695

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)

Redsox-1 Station 223
Latitude: 11 34.01 N
Longitude: 047 59.98 E
Date: 09-03-2001
Time: 0904 GMT

Rsx1-223



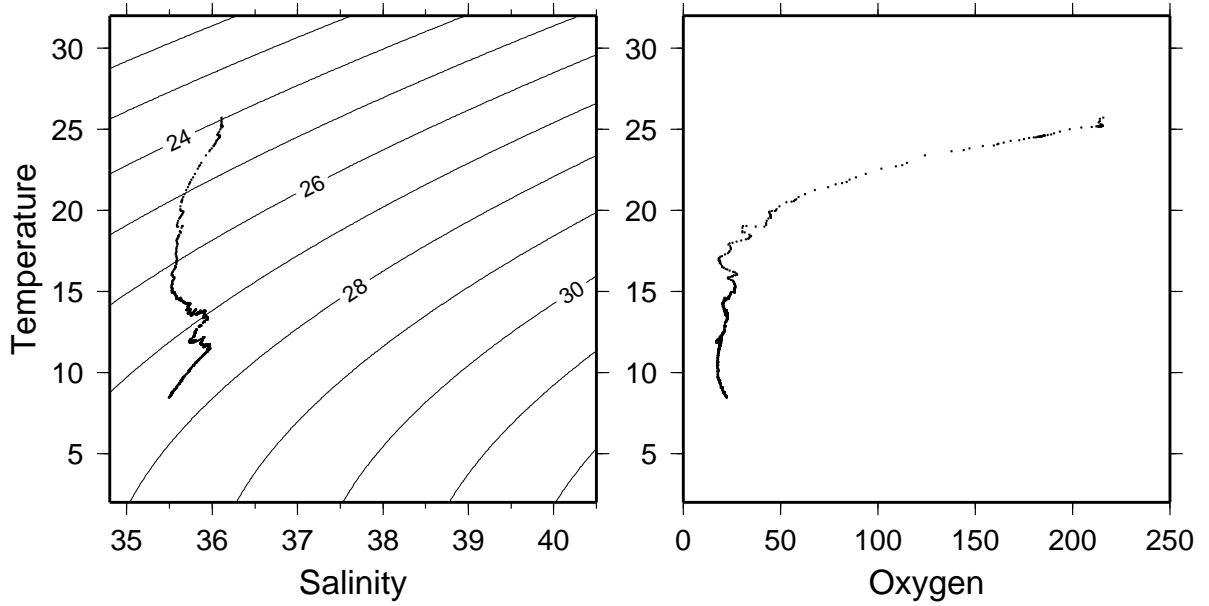
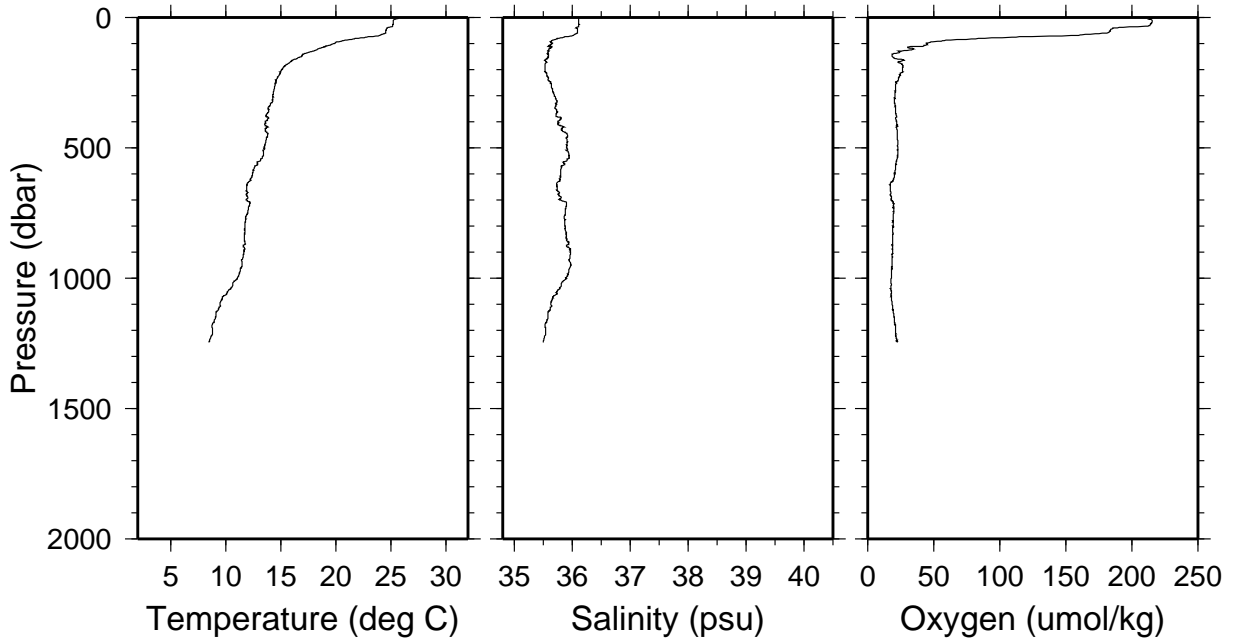
Redsox-1 **Station 224**
 Latitude: 11° 25.99 N
 Longitude: 048° 0.01 E
 Date: 09-03-2001 1059 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.247	25.245	36.110	215.1	24.105
20	25.197	25.192	36.113	215.1	24.124
30	25.174	25.167	36.115	213.5	24.133
40	24.655	24.646	36.064	187.2	24.253
50	24.549	24.539	36.087	183.7	24.303
60	24.492	24.479	36.083	179.9	24.319
70	23.836	23.821	35.993	147.0	24.447
80	21.896	21.881	35.758	85.5	24.828
90	20.582	20.565	35.644	56.8	25.102
100	19.834	19.816	35.654	44.4	25.309
110	19.017	18.997	35.584	41.5	25.468
120	18.382	18.361	35.605	34.5	25.645
130	17.883	17.861	35.596	23.3	25.763
140	17.059	17.036	35.585	18.5	25.955
150	16.849	16.825	35.583	18.8	26.003
160	16.296	16.270	35.550	23.9	26.108
170	15.873	15.846	35.552	23.3	26.208
180	15.519	15.491	35.532	26.1	26.273
190	15.233	15.204	35.527	26.7	26.333
200	15.082	15.052	35.529	26.4	26.369
250	14.507	14.470	35.618	21.9	26.565
300	14.265	14.220	35.690	20.5	26.674
350	13.871	13.820	35.715	21.2	26.778
400	13.575	13.517	35.749	21.8	26.868
450	13.809	13.744	35.914	22.3	26.948
500	13.484	13.412	35.907	22.7	27.011
550	13.109	13.031	35.902	21.8	27.085
600	12.419	12.337	35.798	20.4	27.144
650	11.903	11.816	35.735	17.0	27.196
700	11.862	11.769	35.784	17.8	27.243
750	11.995	11.895	35.883	19.6	27.296
800	11.745	11.638	35.875	19.1	27.338
900	11.624	11.504	35.966	18.8	27.434
1000	11.059	10.930	35.895	18.0	27.486

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1246.2	1	8.455	8.316	35.504	24.1
900.2	2	11.629	11.509	35.965	18.8
800.3	3	11.736	11.630	35.871	19.0
700.5	4	11.863	11.770	35.788	17.1
604.8	5	12.352	12.270	35.793	21.7
100.2	6	19.773	19.755	35.651	41.8
50.4	7	24.538	24.527	36.086	184.6
3.4	8	25.739	25.738	36.103	222.3

Redsox-1 Station 224
Latitude: 11 25.99 N
Longitude: 048 00.01 E
Date: 09-03-2001
Time: 1059 GMT

Rsx1-224



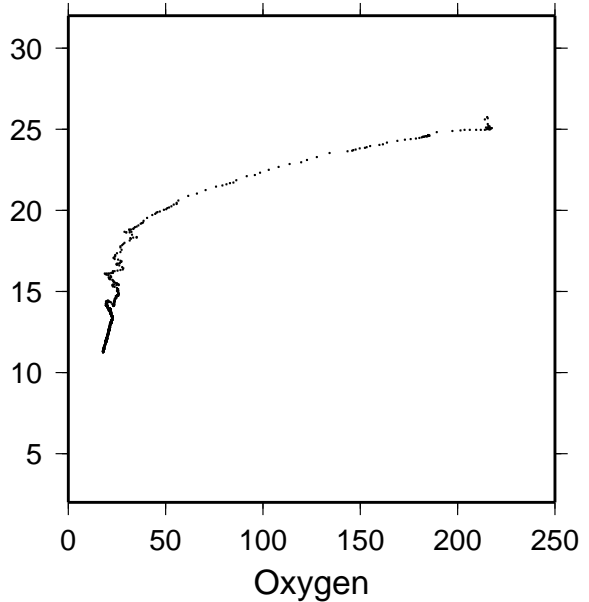
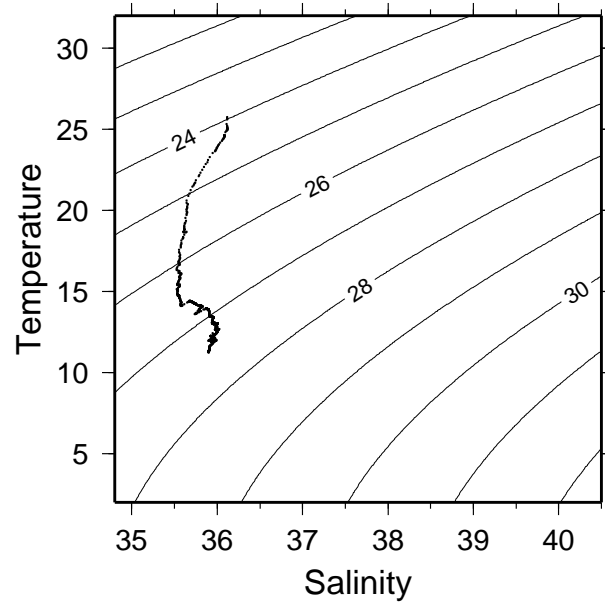
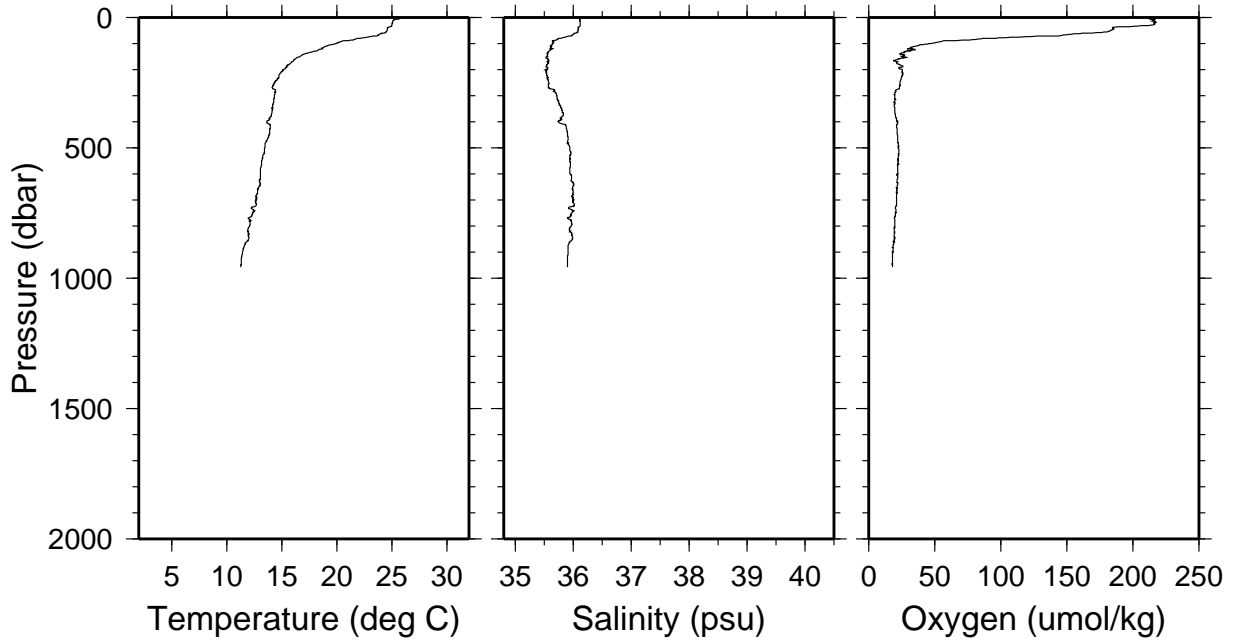
Redsox-1 **Station 225**
Latitude: 11° 21.61 N
Longitude: 047° 59.97 E
Date: 09-03-2001 1231 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.159	25.157	36.115	216.5	24.136
20	25.045	25.041	36.117	215.4	24.173
30	24.975	24.968	36.116	211.9	24.195
40	24.600	24.591	36.083	184.9	24.284
50	24.558	24.547	36.084	183.4	24.298
60	24.169	24.157	36.034	163.7	24.377
70	23.646	23.631	35.972	143.4	24.486
80	22.090	22.074	35.781	91.8	24.791
90	20.603	20.586	35.641	56.6	25.094
100	19.892	19.874	35.647	45.9	25.289
110	19.012	18.993	35.616	35.2	25.494
120	18.666	18.645	35.643	28.8	25.603
130	17.928	17.906	35.579	28.2	25.739
140	17.085	17.062	35.565	23.2	25.933
150	16.639	16.615	35.559	24.9	26.035
160	16.134	16.109	35.548	22.8	26.145
170	15.889	15.862	35.553	22.1	26.205
180	15.657	15.629	35.549	23.1	26.255
190	15.389	15.359	35.537	24.7	26.307
200	15.137	15.107	35.537	25.4	26.362
250	14.324	14.287	35.578	23.6	26.573
300	14.317	14.273	35.715	19.8	26.682
350	14.134	14.083	35.798	19.8	26.786
400	13.636	13.578	35.750	21.7	26.856
450	13.855	13.790	35.899	21.7	26.927
500	13.438	13.366	35.937	22.6	27.045
550	13.165	13.087	35.940	22.1	27.104
600	13.037	12.952	35.948	21.8	27.137
650	12.888	12.797	35.987	21.4	27.199
700	12.653	12.556	36.001	21.0	27.258
750	12.346	12.243	35.974	20.4	27.299
800	12.055	11.947	35.961	19.6	27.346
900	11.436	11.317	35.911	18.2	27.427

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)

Redsox-1 Station 225
Latitude: 11 21.61 N
Longitude: 047 59.97 E
Date: 09-03-2001
Time: 1231 GMT

Rsx1-225

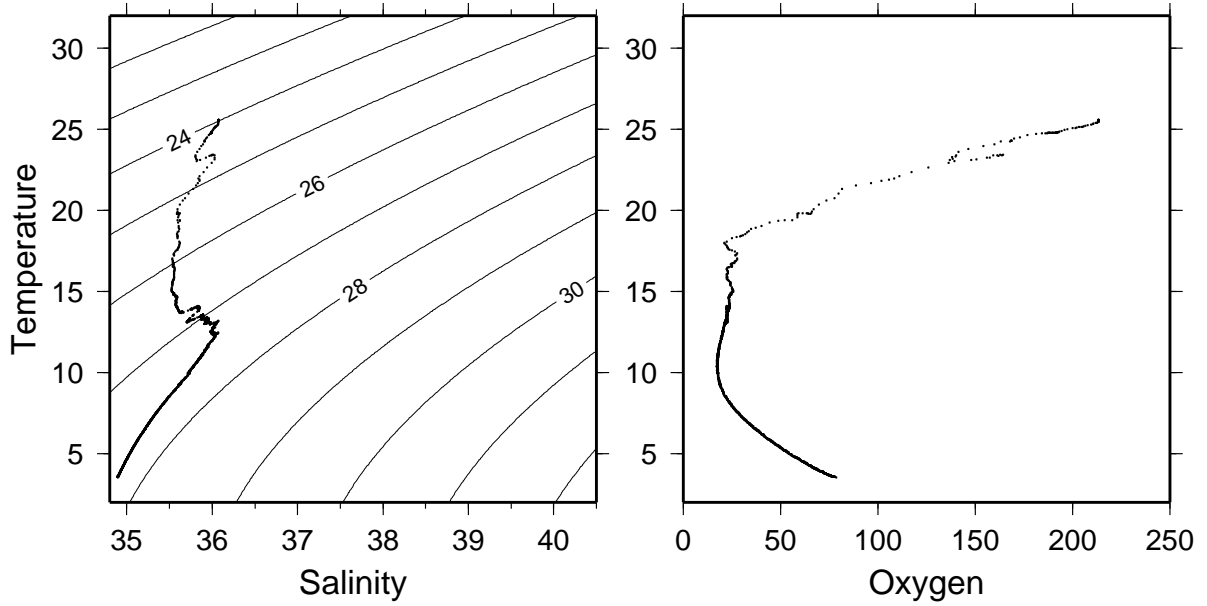
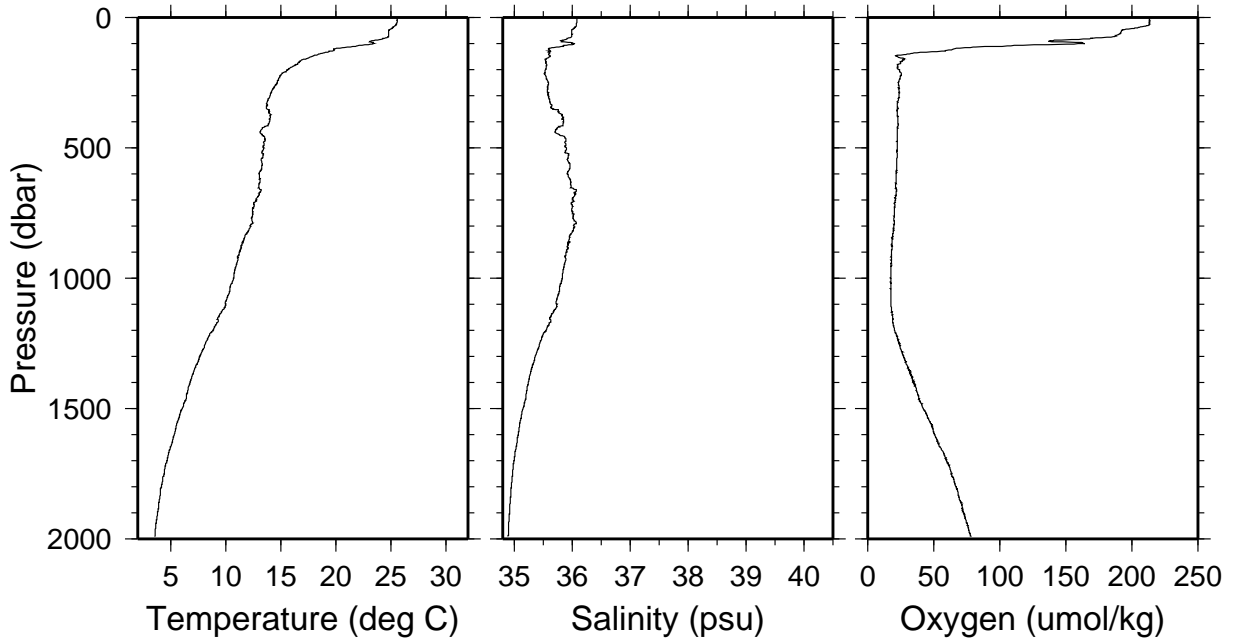


Redsox-1 **Station 226**
Latitude: 12° 33.53 N
Longitude: 049° 0.02 E
Date: 09-03-2001 2216 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.558	25.556	36.078	213.3	23.985
20	25.527	25.522	36.075	213.5	23.994
30	25.407	25.401	36.070	212.4	24.027
40	25.134	25.125	36.034	203.3	24.085
50	24.810	24.799	35.992	192.3	24.153
60	24.787	24.774	35.991	191.4	24.159
70	24.772	24.757	35.990	188.0	24.163
80	24.338	24.321	35.914	168.6	24.237
90	23.270	23.252	35.801	138.2	24.468
100	23.426	23.405	36.016	164.4	24.587
110	21.805	21.784	35.852	101.7	24.926
120	19.809	19.787	35.584	65.7	25.264
130	19.390	19.366	35.593	56.1	25.380
140	18.459	18.434	35.592	30.7	25.617
150	17.762	17.736	35.609	22.7	25.804
160	17.203	17.176	35.550	26.9	25.895
170	16.698	16.670	35.548	24.7	26.013
180	16.451	16.422	35.557	22.7	26.079
190	15.971	15.941	35.553	22.4	26.187
200	15.631	15.600	35.539	23.6	26.254
250	14.668	14.630	35.587	23.4	26.506
300	14.017	13.973	35.588	23.8	26.647
350	13.731	13.681	35.665	22.4	26.768
400	13.949	13.890	35.847	22.8	26.865
450	13.297	13.234	35.784	22.4	26.953
500	13.420	13.349	35.895	22.4	27.015
550	13.242	13.164	35.929	22.1	27.079
600	12.997	12.913	35.909	21.6	27.115
650	13.003	12.911	35.984	21.1	27.173
700	12.755	12.657	36.013	20.9	27.247
750	12.400	12.297	36.003	20.2	27.311
800	12.236	12.127	36.032	19.8	27.367
900	11.208	11.091	35.895	17.9	27.456
1000	10.718	10.591	35.831	17.6	27.497
1250	8.169	8.032	35.442	23.7	27.617
1500	6.043	5.899	35.151	42.3	27.685
1750	4.397	4.249	34.972	63.3	27.738

Redsox-1 Station 226
Latitude: 12 33.53 N
Longitude: 049 00.02 E
Date: 09-03-2001
Time: 2216 GMT

Rsx1-226

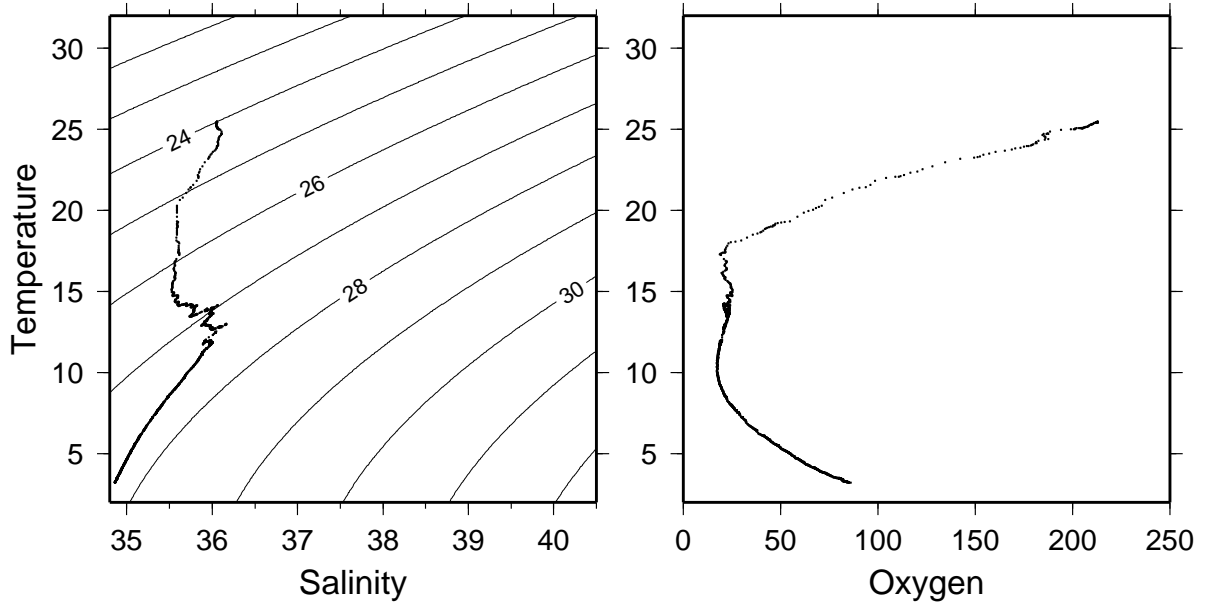
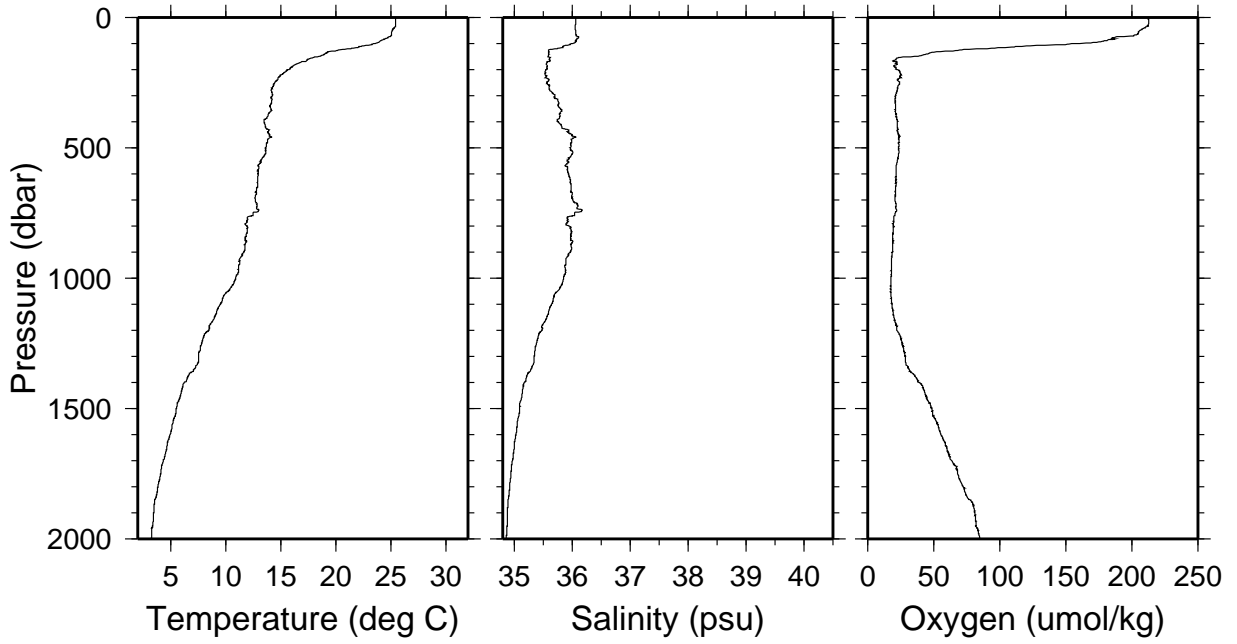


Redsox-1 **Station 227**
Latitude: 12° 43.03 N
Longitude: 049° 30.04 E
Date: 10-03-2001 0219 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.440	25.437	36.057	212.6	24.006
20	25.447	25.442	36.057	212.8	24.004
30	25.416	25.409	36.055	212.4	24.013
40	25.285	25.277	36.048	209.6	24.049
50	25.100	25.089	36.062	205.9	24.117
60	25.076	25.063	36.065	204.8	24.127
70	25.012	24.996	36.074	201.1	24.154
80	24.586	24.569	36.092	185.5	24.298
90	24.047	24.028	36.069	179.2	24.442
100	23.495	23.474	35.996	157.1	24.551
110	22.306	22.283	35.842	116.7	24.778
120	21.274	21.251	35.723	87.0	24.976
130	19.608	19.584	35.585	58.7	25.317
140	18.997	18.971	35.595	45.1	25.484
150	18.338	18.312	35.582	32.6	25.640
160	17.486	17.459	35.609	21.5	25.871
170	16.909	16.880	35.574	21.8	25.983
180	16.357	16.328	35.551	22.2	26.095
190	15.975	15.944	35.564	20.7	26.194
200	15.652	15.621	35.548	22.5	26.256
250	14.452	14.415	35.567	24.0	26.537
300	14.208	14.164	35.702	20.7	26.695
350	14.103	14.052	35.801	21.1	26.796
400	13.481	13.424	35.754	22.4	26.890
450	13.996	13.930	36.001	23.6	26.976
500	13.602	13.530	35.964	23.5	27.031
550	13.128	13.050	35.911	22.5	27.089
600	12.934	12.850	35.935	21.5	27.148
650	12.871	12.780	35.984	21.2	27.200
700	12.666	12.569	36.011	20.8	27.263
750	12.490	12.386	36.041	20.7	27.323
800	11.916	11.809	35.944	19.5	27.359
900	11.639	11.520	35.966	18.7	27.432
1000	10.895	10.767	35.852	17.7	27.482
1250	7.810	7.676	35.383	26.0	27.623
1500	5.500	5.363	35.087	48.4	27.701
1750	4.083	3.938	34.943	68.1	27.747
2000	3.211	3.056	34.861	85.0	27.769

Redsox-1 Station 227
Latitude: 12 43.03 N
Longitude: 049 30.04 E
Date: 10-03-2001
Time: 0219 GMT

Rsx1-227



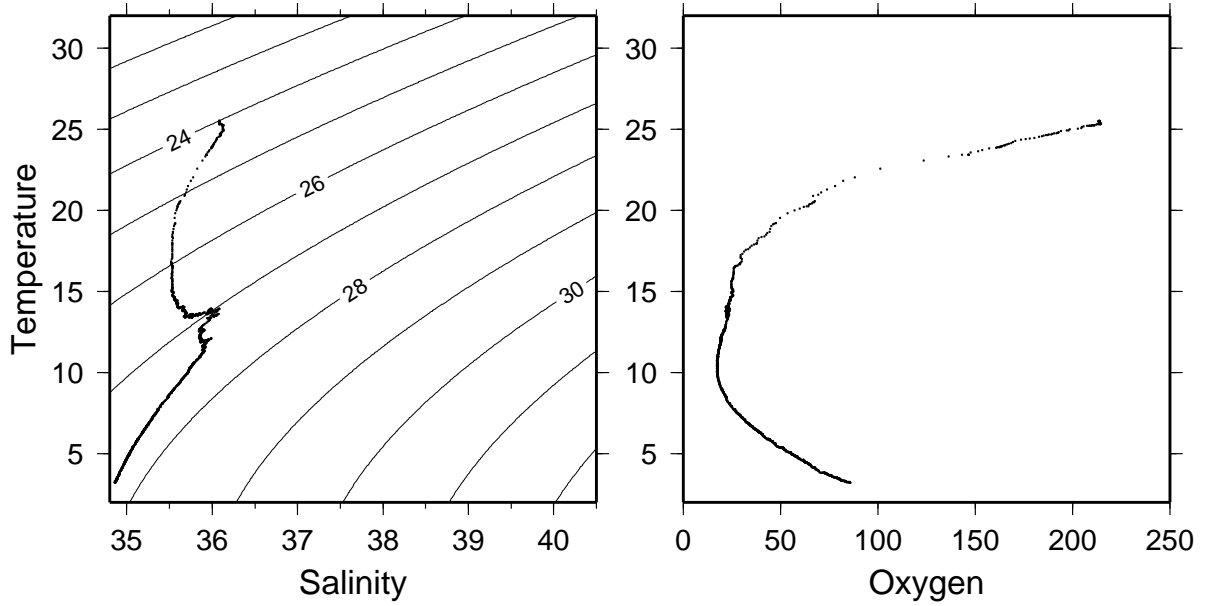
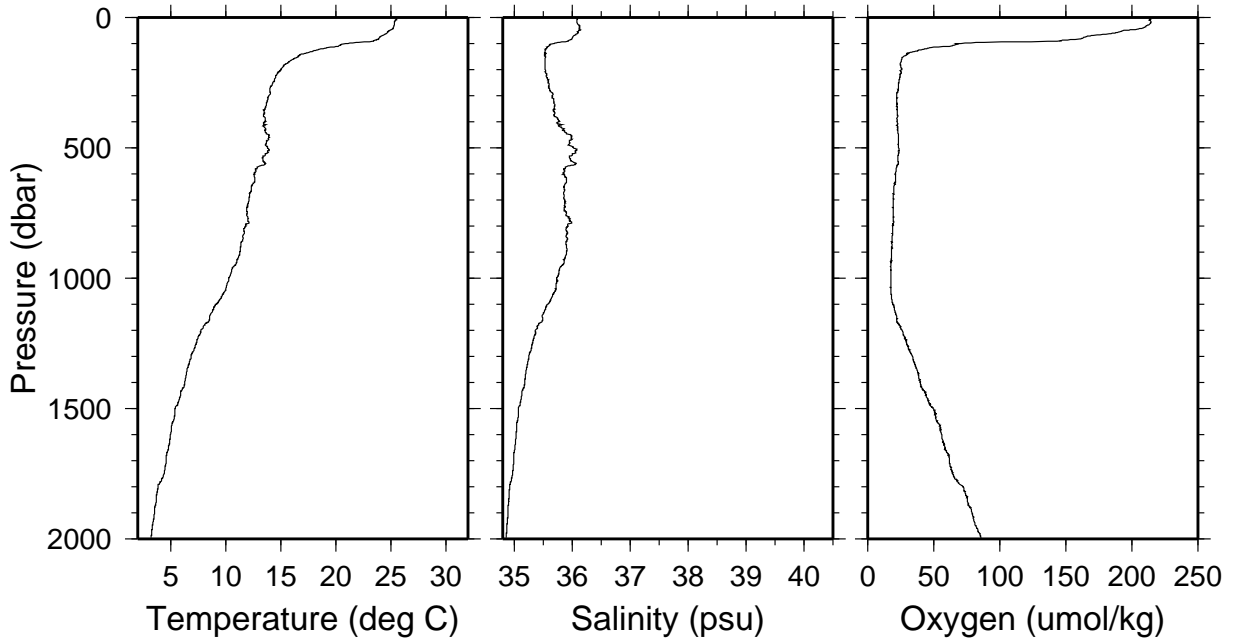
Redsox-1 **Station 228**
Latitude: 12° 52.03 N
Longitude: 050° 0.18 E
Date: 10-03-2001 1030 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.438	25.436	36.083	213.9	24.027
20	25.329	25.325	36.084	214.3	24.062
30	25.265	25.259	36.125	211.3	24.112
40	25.220	25.211	36.124	208.6	24.126
50	24.880	24.869	36.126	194.0	24.232
60	24.648	24.635	36.104	186.3	24.287
70	24.149	24.134	36.024	168.5	24.377
80	23.910	23.894	35.998	162.5	24.428
90	23.437	23.418	35.934	146.5	24.520
100	20.976	20.957	35.681	69.3	25.025
110	20.222	20.201	35.594	61.8	25.161
120	18.664	18.642	35.539	44.2	25.524
130	17.889	17.867	35.529	36.4	25.711
140	16.987	16.964	35.525	29.9	25.926
150	16.561	16.537	35.536	26.7	26.035
160	16.116	16.090	35.529	25.9	26.134
170	15.753	15.726	35.530	25.3	26.218
180	15.418	15.390	35.532	24.6	26.295
190	15.180	15.151	35.534	24.9	26.350
200	14.986	14.955	35.532	25.6	26.392
250	14.258	14.221	35.580	23.7	26.589
300	13.904	13.860	35.654	22.1	26.722
350	13.602	13.551	35.695	22.0	26.819
400	13.528	13.471	35.760	22.2	26.886
450	13.884	13.819	35.968	23.4	26.974
500	13.787	13.714	36.020	23.4	27.036
550	13.367	13.289	35.976	22.9	27.091
600	12.610	12.527	35.858	20.9	27.153
650	12.330	12.241	35.855	19.8	27.207
700	12.109	12.015	35.866	19.3	27.259
750	11.959	11.859	35.903	19.3	27.318
800	11.820	11.713	35.930	19.1	27.366
900	11.271	11.154	35.896	18.2	27.445
1000	10.254	10.130	35.730	17.6	27.499
1250	7.329	7.200	35.315	29.5	27.639
1500	5.388	5.252	35.071	49.6	27.702
1750	4.368	4.220	34.968	64.3	27.738

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1996.1	1	3.231	3.076	34.866	88.3
1499.5	2	5.550	5.412	35.089	49.2
1001.3	3	10.264	10.140	35.739	17.8
700.3	4	12.007	11.913	35.866	19.6
500.1	5	13.801	13.728	36.028	23.4
100.1	6	20.913	20.894	35.696	66.3
49.1	7	24.936	24.925	36.106	199.0
2.6	8	25.562	25.561	36.096	219.0

Redsox-1 Station 228
Latitude: 12 52.03 N
Longitude: 050 00.18 E
Date: 10-03-2001
Time: 1030 GMT

Rsx1-228

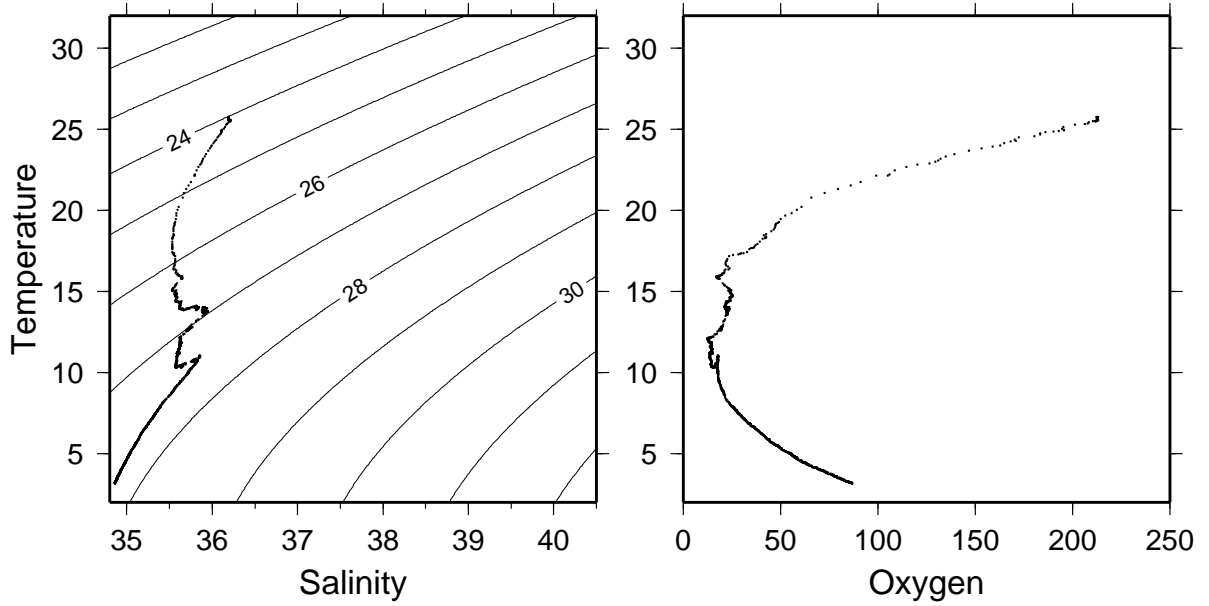
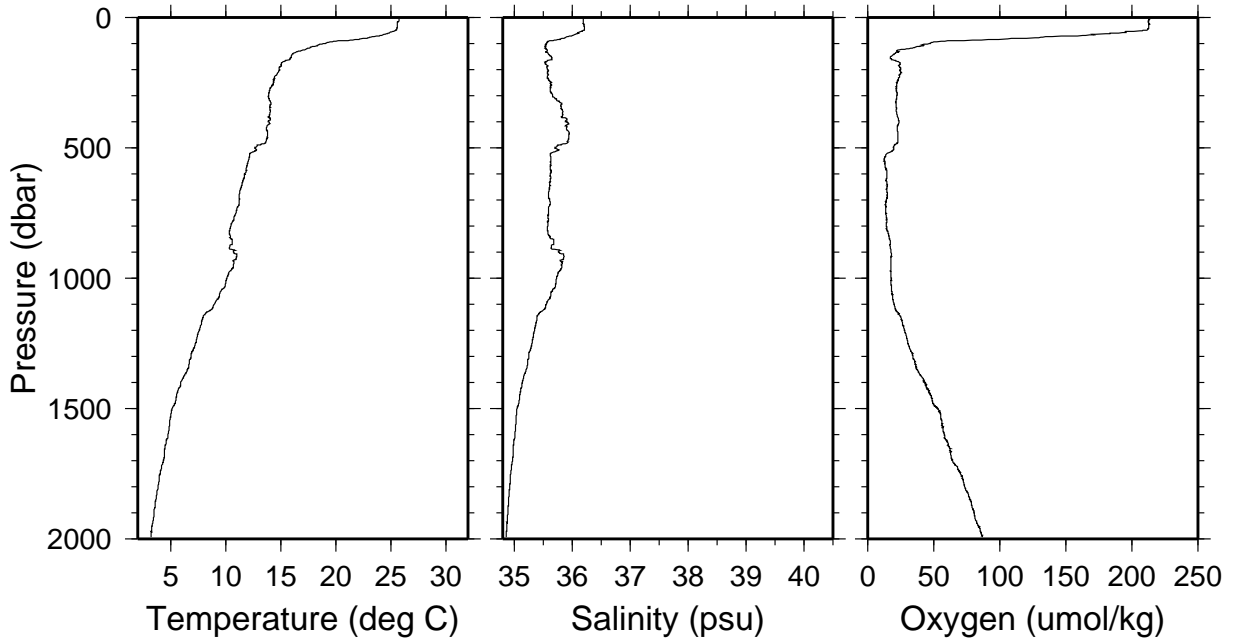


Redsox-1 **Station 229**
Latitude: 13° 1.56 N
Longitude: 050° 37.19 E
Date: 10-03-2001 1450 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.752	25.750	36.190	213.0	24.010
20	25.593	25.588	36.194	212.8	24.063
30	25.583	25.576	36.201	212.7	24.072
40	25.539	25.530	36.214	212.6	24.096
50	25.446	25.435	36.194	208.4	24.110
60	24.832	24.819	36.112	186.0	24.237
70	23.931	23.916	35.987	158.9	24.414
80	22.662	22.645	35.841	114.7	24.674
90	20.221	20.204	35.610	60.6	25.173
100	18.926	18.908	35.550	47.1	25.465
110	18.071	18.052	35.532	39.4	25.667
120	17.351	17.331	35.552	29.7	25.858
130	16.601	16.579	35.559	22.0	26.043
140	16.070	16.048	35.593	20.0	26.193
150	15.941	15.918	35.643	17.2	26.261
160	15.816	15.790	35.649	18.0	26.295
170	15.206	15.180	35.545	23.4	26.352
180	15.022	14.994	35.543	24.2	26.392
190	14.911	14.882	35.564	24.1	26.433
200	14.844	14.814	35.575	24.8	26.457
250	14.312	14.275	35.626	22.2	26.612
300	13.874	13.831	35.663	21.9	26.736
350	13.985	13.934	35.805	21.8	26.823
400	13.896	13.837	35.903	23.6	26.920
450	13.792	13.727	35.944	22.7	26.974
500	12.620	12.552	35.699	19.4	27.024
550	12.056	11.983	35.630	12.5	27.082
600	11.706	11.627	35.617	14.5	27.140
650	11.421	11.336	35.611	14.4	27.189
700	11.213	11.123	35.607	13.9	27.226
750	10.914	10.819	35.587	13.9	27.265
800	10.465	10.366	35.576	14.2	27.338
900	10.687	10.573	35.761	17.7	27.446
1000	10.095	9.972	35.728	17.8	27.525
1250	7.258	7.129	35.308	30.2	27.643
1500	5.117	4.984	35.045	53.0	27.713
1750	4.036	3.892	34.938	70.3	27.748

Redsox-1 Station 229
Latitude: 13 01.56 N
Longitude: 050 37.19 E
Date: 10-03-2001
Time: 1450 GMT

Rsx1-229



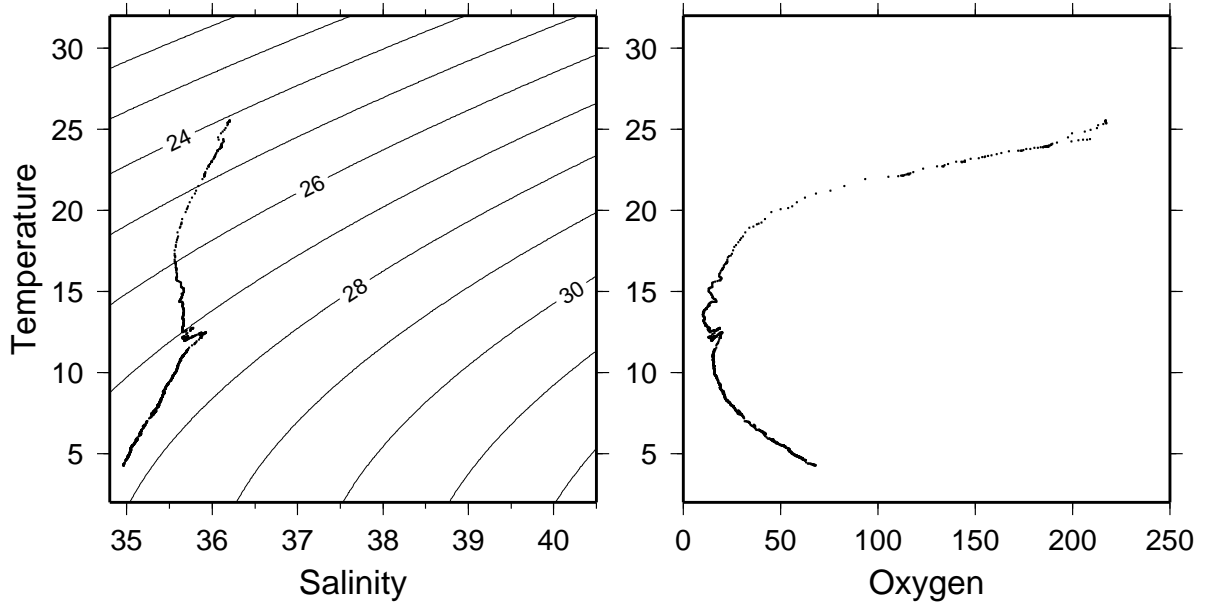
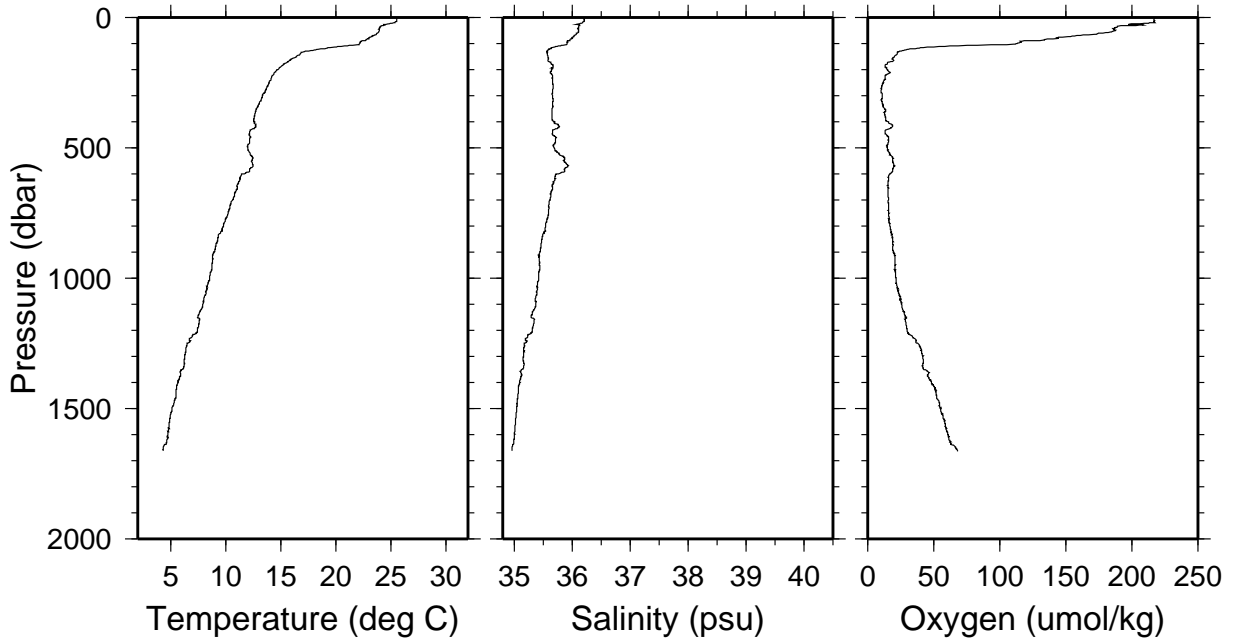
Redsox-1 **Station 230**
Latitude: 13° 29.02 N
Longitude: 051° 15.07 E
Date: 10-03-2001 1936 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.516	25.513	36.206	216.9	24.095
20	25.324	25.319	36.182	215.9	24.137
30	24.313	24.307	36.132	203.1	24.407
40	23.962	23.954	36.104	186.6	24.491
50	23.927	23.916	36.111	187.6	24.507
60	23.768	23.756	36.079	176.3	24.531
70	23.346	23.332	36.034	156.5	24.622
80	22.989	22.972	35.992	144.7	24.694
90	22.359	22.341	35.920	118.2	24.820
100	22.142	22.122	35.910	112.7	24.875
110	20.498	20.477	35.735	58.5	25.195
120	18.917	18.896	35.623	33.8	25.524
130	17.211	17.189	35.562	24.3	25.901
140	16.748	16.725	35.569	22.3	26.016
150	16.405	16.380	35.578	20.3	26.104
160	15.909	15.884	35.587	18.7	26.226
170	15.644	15.618	35.600	17.5	26.296
180	15.253	15.225	35.650	14.1	26.423
190	14.972	14.943	35.667	13.3	26.499
200	14.664	14.634	35.642	15.2	26.547
250	13.938	13.901	35.661	11.8	26.719
300	13.315	13.272	35.657	10.9	26.847
350	12.791	12.743	35.654	12.8	26.951
400	12.617	12.562	35.697	15.5	27.021
450	12.123	12.062	35.658	14.2	27.088
500	12.005	11.939	35.691	14.9	27.138
550	12.339	12.265	35.855	18.8	27.202
600	11.525	11.447	35.732	16.9	27.263
650	11.028	10.945	35.660	15.2	27.299
700	10.628	10.541	35.616	15.6	27.338
750	10.206	10.115	35.587	15.9	27.391
800	9.799	9.704	35.542	16.9	27.426
900	8.916	8.814	35.438	19.7	27.492
1000	8.520	8.409	35.420	21.3	27.541
1250	6.480	6.358	35.173	37.6	27.642
1500	5.118	4.985	35.040	55.5	27.709

Press (dbar)	Bottle	Bottle Data			
		Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1663.1	1	4.309	4.170	35.029	64.2
1251.4	2	6.482	6.360	35.179	38.9
801.1	3	9.767	9.672	35.540	16.9
573.3	4	12.477	12.398	35.926	19.7
300.4	5	13.188	13.146	35.665	10.3
100.7	6	23.086	23.065	36.003	142.6
50.6	7	24.295	24.284	36.084	192.9
2.7	8	25.555	25.554	36.214	211.2

Redsox-1 Station 230
Latitude: 13 29.02 N
Longitude: 051 15.07 E
Date: 10-03-2001
Time: 1936 GMT

Rsx1-230

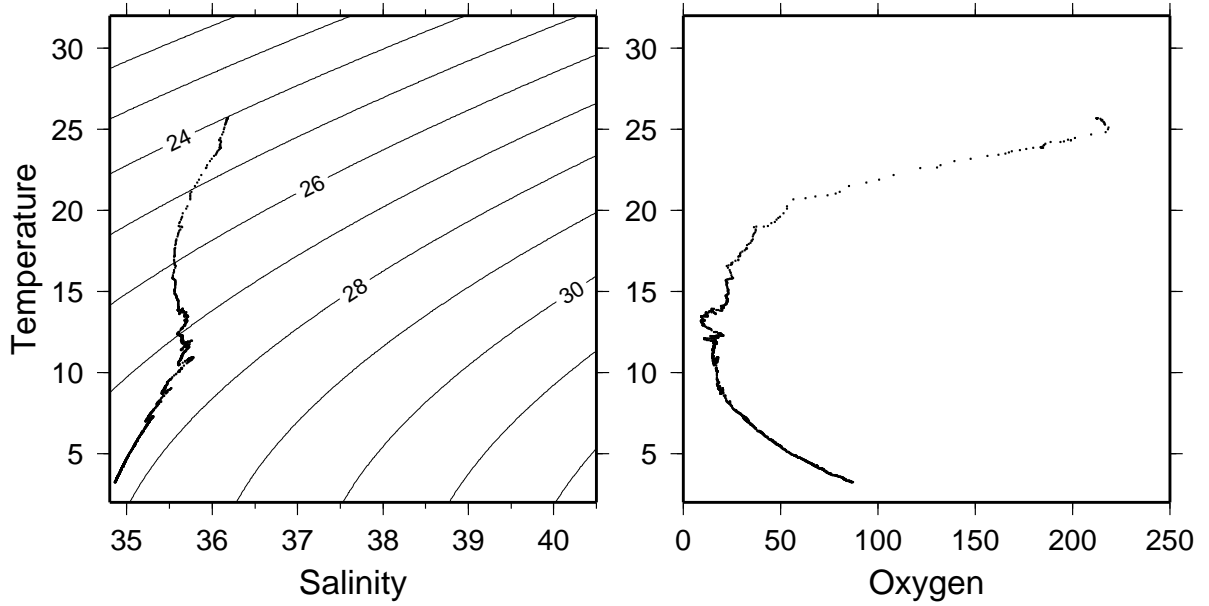
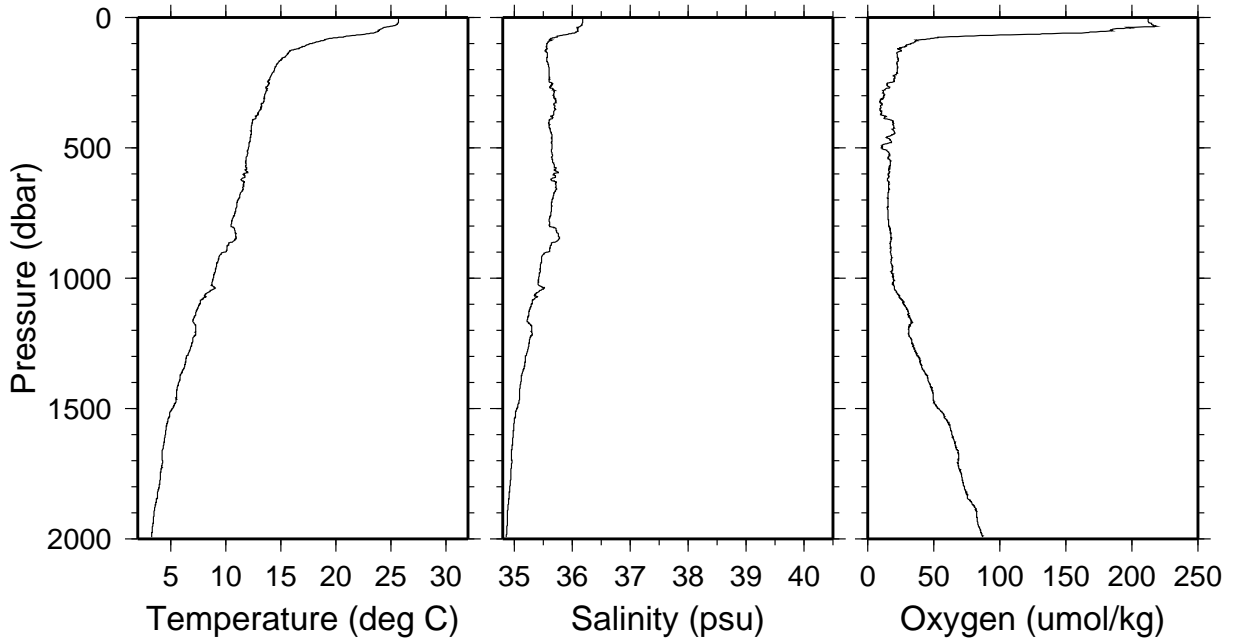


Redsox-1 **Station 231**
Latitude: 13° 11.58 N
Longitude: 051° 15.23 E
Date: 10-03-2001 2235 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.683	25.680	36.178	212.4	24.022
20	25.679	25.674	36.176	212.9	24.023
30	25.378	25.371	36.160	216.2	24.104
40	24.337	24.328	36.099	199.2	24.375
50	23.868	23.858	36.086	183.9	24.506
60	23.341	23.328	36.022	156.2	24.613
70	21.157	21.144	35.759	80.3	25.032
80	19.547	19.533	35.645	48.8	25.376
90	18.629	18.613	35.605	36.9	25.582
100	17.693	17.676	35.564	32.4	25.784
110	17.178	17.160	35.559	28.5	25.905
120	16.575	16.556	35.573	22.4	26.059
130	15.799	15.778	35.543	24.4	26.216
140	15.588	15.566	35.567	22.2	26.283
150	15.414	15.391	35.568	22.3	26.323
160	15.071	15.046	35.560	23.1	26.393
170	14.819	14.793	35.570	22.5	26.457
180	14.627	14.600	35.584	22.3	26.510
190	14.484	14.456	35.596	22.9	26.551
200	14.420	14.391	35.601	22.4	26.569
250	13.875	13.838	35.627	17.1	26.706
300	13.503	13.461	35.677	12.4	26.823
350	13.198	13.149	35.708	9.1	26.911
400	12.411	12.356	35.598	19.2	26.985
450	12.280	12.219	35.650	18.5	27.051
500	12.067	12.000	35.650	10.7	27.094
550	11.848	11.775	35.659	17.2	27.144
600	11.658	11.580	35.683	15.7	27.200
650	11.576	11.491	35.717	15.8	27.243
700	11.090	11.000	35.648	15.3	27.281
750	10.827	10.732	35.631	15.4	27.316
800	10.482	10.383	35.608	15.9	27.360
900	9.893	9.785	35.571	17.3	27.435
1000	8.860	8.747	35.421	19.3	27.488
1250	6.906	6.781	35.254	33.6	27.649
1500	5.117	4.984	35.043	53.4	27.711
1750	4.070	3.926	34.939	70.8	27.745

Redsox-1 Station 231
Latitude: 13 11.58 N
Longitude: 051 15.23 E
Date: 10-03-2001
Time: 2235 GMT

Rsx1-231

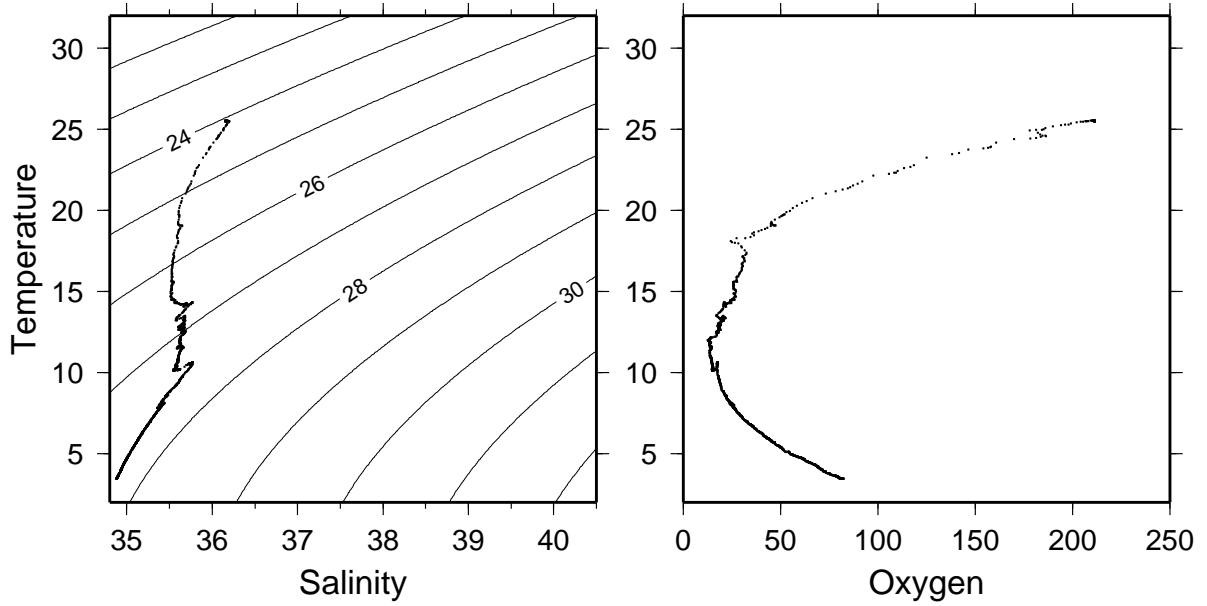
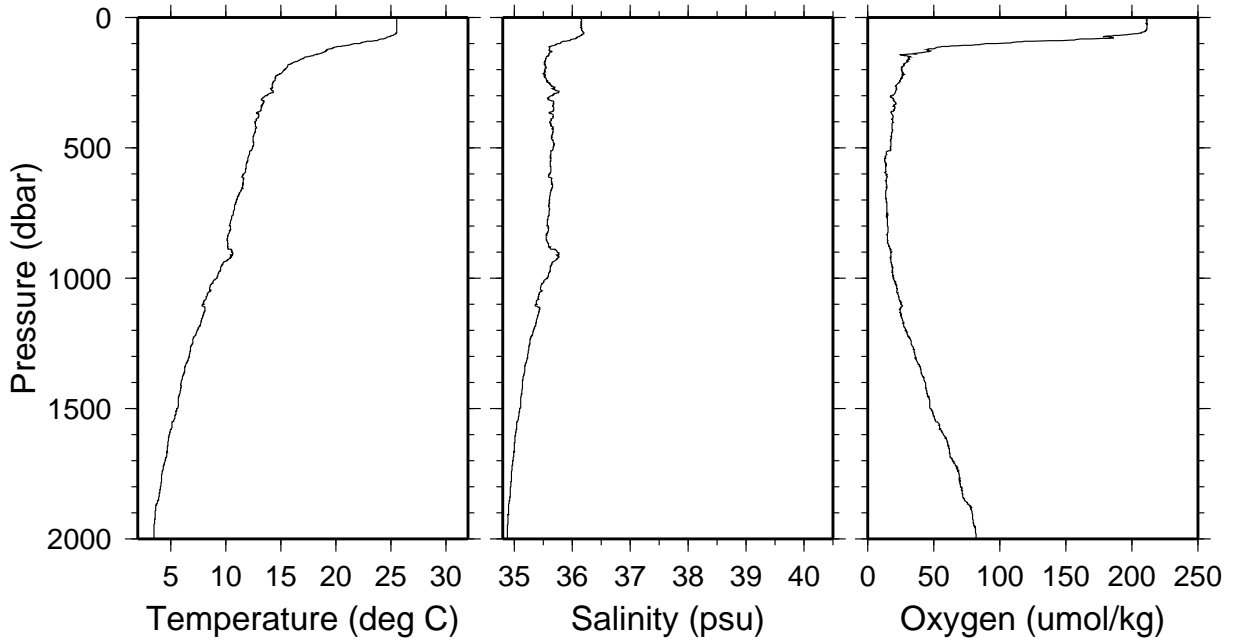


Redsox-1 **Station 232**
Latitude: 12° 57.05 N
Longitude: 051° 14.77 E
Date: 11-03-2001 0158 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.509	25.507	36.155	211.1	24.059
20	25.514	25.510	36.155	211.3	24.058
30	25.516	25.509	36.155	211.3	24.058
40	25.521	25.512	36.155	211.3	24.057
50	25.527	25.515	36.168	210.7	24.066
60	25.494	25.480	36.198	206.4	24.100
70	24.998	24.983	36.131	185.0	24.202
80	24.480	24.463	36.061	181.3	24.306
90	23.459	23.440	35.926	138.0	24.508
100	21.772	21.753	35.759	92.0	24.864
110	20.452	20.432	35.633	61.1	25.130
120	19.563	19.541	35.611	49.3	25.349
130	19.081	19.058	35.638	47.2	25.494
140	18.350	18.326	35.587	34.6	25.640
150	17.399	17.374	35.551	32.4	25.847
160	16.850	16.824	35.535	31.5	25.967
170	16.323	16.296	35.525	30.0	26.083
180	15.737	15.708	35.525	27.3	26.219
190	15.570	15.540	35.548	25.7	26.274
200	15.352	15.321	35.528	25.7	26.308
250	14.287	14.250	35.584	23.9	26.585
300	13.689	13.646	35.649	18.1	26.763
350	13.211	13.162	35.679	20.3	26.886
400	12.635	12.580	35.606	18.9	26.947
450	12.556	12.494	35.653	17.8	27.000
500	12.421	12.353	35.673	17.3	27.043
550	11.981	11.908	35.626	12.8	27.093
600	11.605	11.526	35.604	14.0	27.149
650	11.539	11.454	35.659	14.6	27.205
700	10.979	10.891	35.605	13.8	27.267
750	10.676	10.582	35.601	14.6	27.319
800	10.391	10.293	35.582	15.0	27.355
900	10.562	10.449	35.738	17.5	27.450
1000	9.167	9.051	35.568	19.4	27.555
1250	6.978	6.852	35.272	32.9	27.654
1500	5.581	5.443	35.097	47.3	27.699
1750	4.190	4.044	34.949	69.2	27.741

Redsox-1 Station 232
Latitude: 12 57.05 N
Longitude: 051 14.77 E
Date: 11-03-2001
Time: 0158 GMT

Rsx1-232



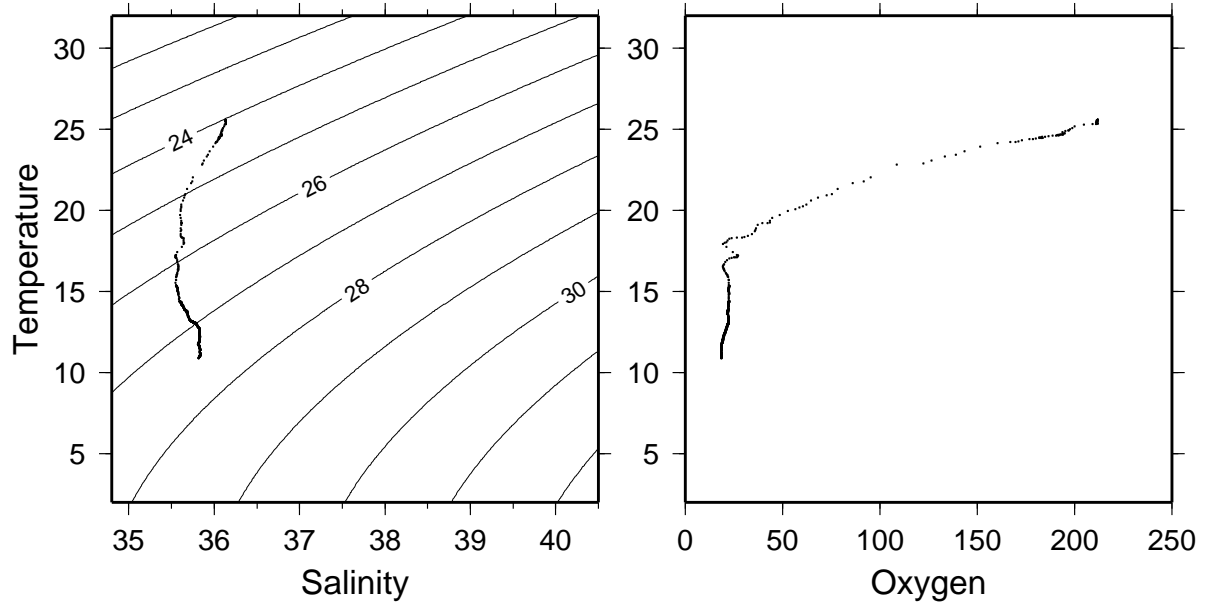
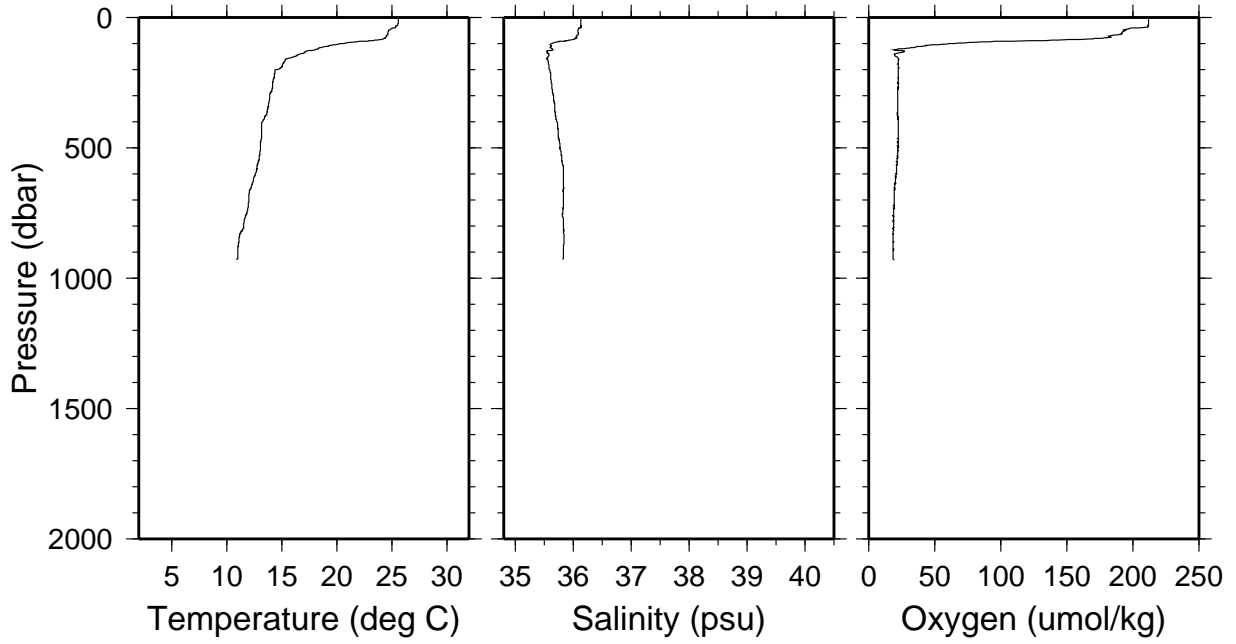
Redsox-1 **Station 233**
Latitude: 12° 34.83 N
Longitude: 051° 15.26 E
Date: 11-03-2001 0456 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.563	25.561	36.128	211.8	24.022
20	25.564	25.559	36.128	211.9	24.022
30	25.470	25.463	36.134	211.3	24.056
40	25.163	25.155	36.114	200.1	24.136
50	24.684	24.673	36.076	193.6	24.254
60	24.640	24.627	36.086	191.6	24.276
70	24.511	24.496	36.057	183.1	24.293
80	24.316	24.299	36.040	172.8	24.339
90	22.882	22.864	35.864	122.3	24.629
100	20.358	20.339	35.616	62.3	25.142
110	19.201	19.181	35.618	39.7	25.447
120	18.275	18.255	35.639	23.9	25.699
130	17.202	17.181	35.545	27.0	25.889
140	16.632	16.609	35.578	19.6	26.051
150	16.074	16.051	35.564	21.3	26.170
160	15.334	15.309	35.556	22.6	26.332
170	15.228	15.202	35.569	22.3	26.366
180	15.070	15.043	35.576	22.3	26.407
190	15.009	14.980	35.576	22.5	26.421
200	14.548	14.519	35.589	22.3	26.531
250	14.180	14.143	35.624	22.1	26.639
300	13.898	13.854	35.657	22.0	26.726
350	13.714	13.663	35.679	21.8	26.782
400	13.224	13.167	35.716	22.3	26.913
450	13.140	13.076	35.743	22.4	26.953
500	13.057	12.987	35.775	22.1	26.996
550	12.891	12.814	35.802	21.5	27.052
600	12.577	12.494	35.832	20.9	27.139
650	12.220	12.132	35.834	19.7	27.212
700	12.011	11.917	35.828	19.2	27.248
750	11.825	11.725	35.819	18.9	27.278
800	11.517	11.412	35.832	18.7	27.348
900	10.976	10.860	35.828	18.6	27.446

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
930.1	1	10.902	10.783	35.816	21.0
699.0	2	11.979	11.885	35.826	21.2
419.9	3	13.153	13.094	35.730	23.9
230.9	4	14.427	14.393	35.591	23.3
100.2	5	20.633	20.614	35.656	67.1
50.3	6	25.096	25.085	36.107	201.8
1.1	7	25.574	25.574	36.127	215.4

Redsox-1 Station 233
Latitude: 12 34.83 N
Longitude: 051 15.26 E
Date: 11-03-2001
Time: 0456 GMT

Rsx1-233

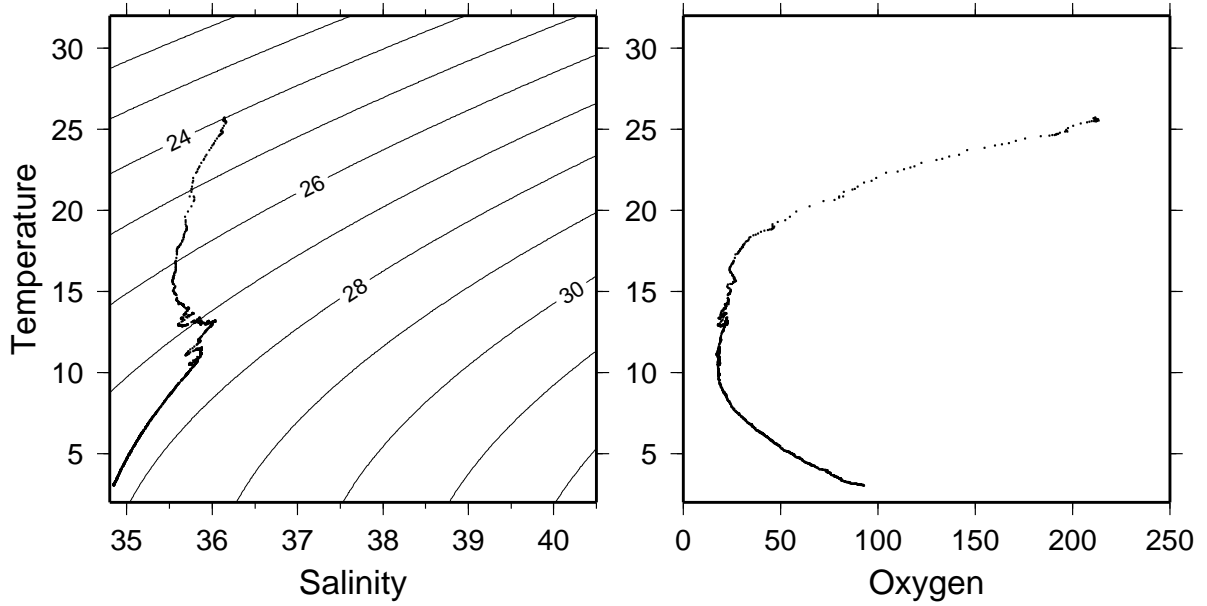
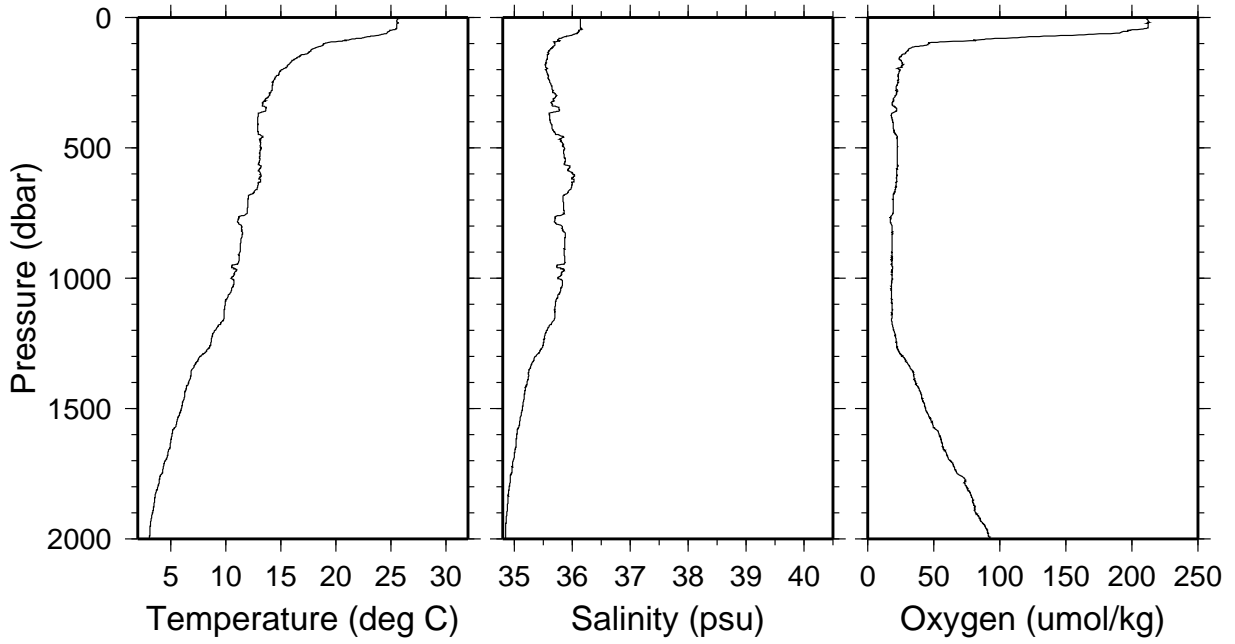


Redsox-1 **Station 234**
Latitude: 12° 53.18 N
Longitude: 051° 40.12 E
Date: 11-03-2001 0828 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	25.554	25.552	36.139	211.9	24.033
20	25.601	25.596	36.139	212.8	24.019
30	25.526	25.519	36.140	212.4	24.044
40	25.516	25.507	36.144	211.9	24.050
50	24.906	24.896	36.105	196.8	24.208
60	24.635	24.622	36.089	189.6	24.279
70	23.434	23.420	35.935	141.5	24.521
80	21.988	21.972	35.776	99.1	24.815
90	20.647	20.630	35.788	77.6	25.194
100	18.944	18.927	35.704	46.3	25.579
110	18.565	18.545	35.674	38.4	25.652
120	17.906	17.886	35.631	31.2	25.783
130	17.658	17.636	35.591	29.8	25.814
140	17.328	17.304	35.586	27.7	25.891
150	16.700	16.676	35.571	24.9	26.029
160	16.212	16.186	35.565	24.3	26.139
170	15.986	15.960	35.551	25.5	26.181
180	15.718	15.689	35.536	26.8	26.231
190	15.532	15.502	35.541	25.7	26.277
200	15.092	15.062	35.543	24.4	26.378
250	14.232	14.195	35.609	23.1	26.617
300	13.940	13.897	35.725	20.9	26.770
350	13.638	13.588	35.771	21.8	26.869
400	12.907	12.851	35.621	19.0	26.904
450	13.091	13.028	35.755	21.4	26.972
500	13.186	13.115	35.862	22.6	27.038
550	13.063	12.985	35.878	22.5	27.076
600	13.161	13.076	36.015	22.1	27.164
650	12.874	12.783	35.987	21.3	27.202
700	11.988	11.894	35.836	19.2	27.259
750	11.950	11.850	35.855	19.2	27.282
800	11.439	11.334	35.817	18.3	27.351
900	11.278	11.161	35.862	18.4	27.418
1000	10.501	10.376	35.752	18.6	27.474
1250	8.625	8.483	35.500	21.8	27.592
1500	5.970	5.827	35.140	44.1	27.685
1750	4.175	4.029	34.947	67.9	27.741
2000	3.053	2.900	34.845	92.5	27.771

Redsox-1 Station 234
Latitude: 12 53.18 N
Longitude: 051 40.12 E
Date: 11-03-2001
Time: 0828 GMT

Rsx1-234



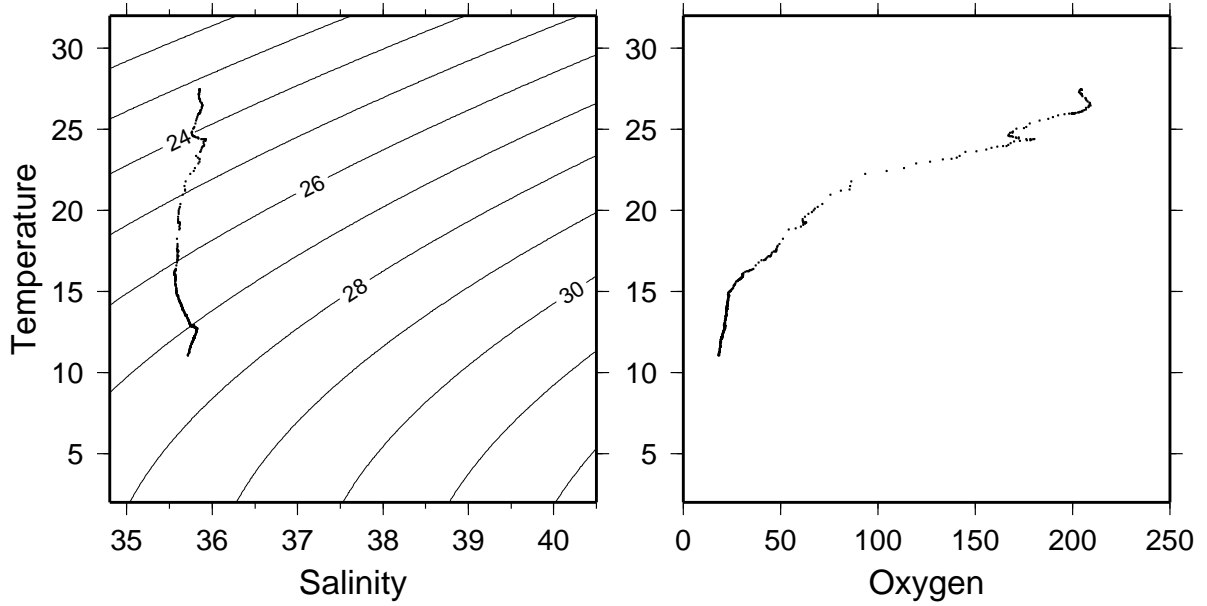
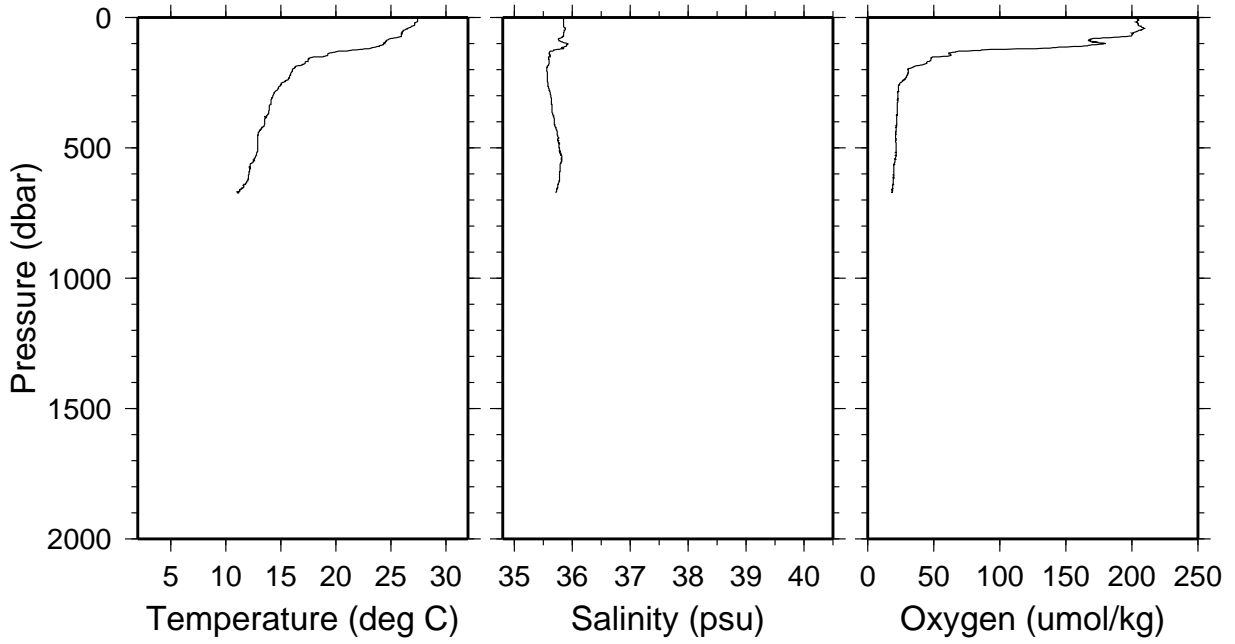
Redsox-1 **Station 235**
Latitude: 11° 47.21 N
Longitude: 051° 47.57 E
Date: 11-03-2001 1545 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	27.417	27.415	35.854	204.7	23.227
20	27.189	27.185	35.847	204.4	23.297
30	27.121	27.114	35.847	204.8	23.319
40	26.592	26.583	35.876	209.1	23.511
50	26.141	26.130	35.861	205.1	23.643
60	25.984	25.971	35.849	200.1	23.683
70	25.964	25.949	35.845	199.7	23.687
80	25.086	25.069	35.782	174.9	23.912
90	24.562	24.543	35.783	168.3	24.072
100	24.386	24.364	35.925	179.9	24.233
110	23.928	23.905	35.888	161.4	24.342
120	22.879	22.854	35.837	119.8	24.611
130	20.203	20.179	35.622	69.0	25.189
140	19.248	19.223	35.604	61.6	25.425
150	18.824	18.798	35.615	54.1	25.543
160	17.485	17.458	35.596	47.6	25.861
170	17.287	17.259	35.596	45.2	25.910
180	16.965	16.935	35.593	42.3	25.985
190	16.306	16.275	35.568	34.3	26.121
200	16.035	16.003	35.559	30.4	26.177
250	15.145	15.107	35.579	25.0	26.395
300	14.282	14.238	35.628	22.8	26.622
350	13.945	13.894	35.651	22.5	26.713
400	13.535	13.478	35.693	22.0	26.832
450	12.927	12.864	35.744	20.9	26.997
500	12.877	12.807	35.772	21.4	27.030
550	12.531	12.456	35.816	20.7	27.134
600	12.104	12.024	35.782	19.7	27.192
650	11.609	11.524	35.748	18.9	27.261

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
673.2	1	11.067	10.981	35.717	19.4
500.3	2	12.895	12.825	35.760	20.8
143.2	3	17.625	17.601	35.604	47.1
1.4	4	27.379	27.379	35.852	205.5

Redsox-1 Station 235
Latitude: 11 47.21 N
Longitude: 051 47.57 E
Date: 11-03-2001
Time: 1545 GMT

Rsx1-235

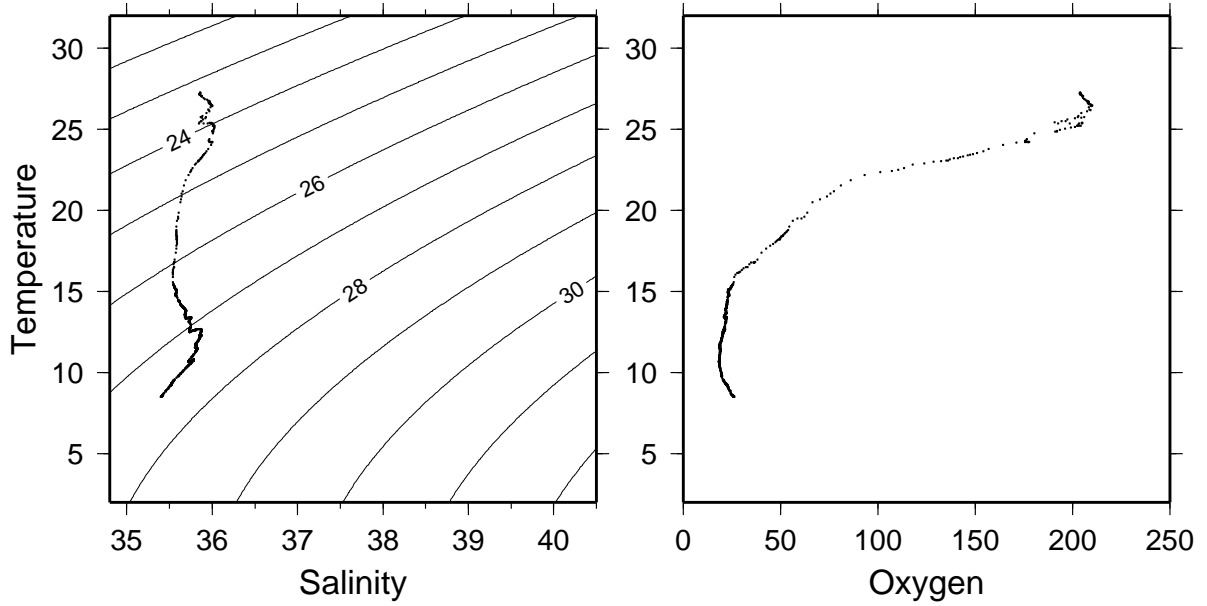
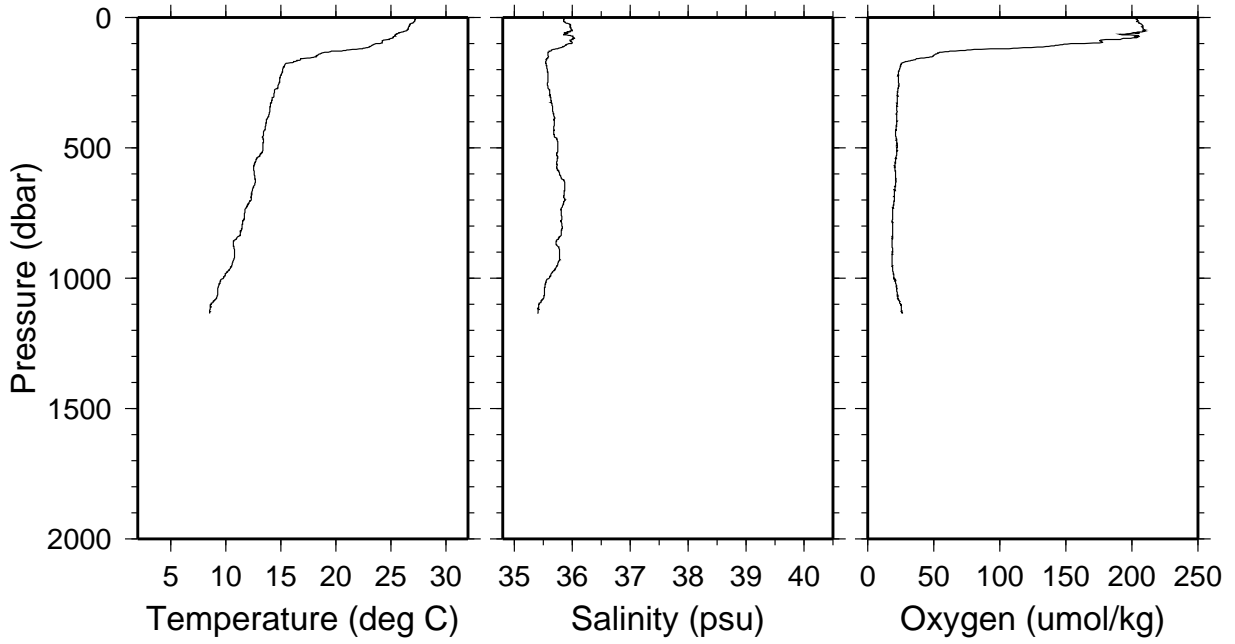


Redsox-1 **Station 236**
Latitude: 11° 51.25 N
Longitude: 051° 53.56 E
Date: 11-03-2001 1707 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	27.166	27.163	35.854	204.1	23.309
20	27.039	27.035	35.877	205.1	23.368
30	26.685	26.679	35.962	208.0	23.545
40	26.599	26.590	35.972	208.3	23.581
50	26.448	26.437	36.003	210.2	23.653
60	25.752	25.739	35.927	205.9	23.815
70	25.399	25.384	35.983	205.1	23.966
80	25.049	25.031	36.022	196.1	24.104
90	24.213	24.193	35.966	175.7	24.316
100	23.795	23.773	35.954	156.8	24.431
110	23.147	23.125	35.856	137.0	24.547
120	22.358	22.333	35.745	101.1	24.690
130	19.602	19.578	35.602	62.3	25.332
140	18.507	18.483	35.581	51.6	25.597
150	18.192	18.166	35.585	48.7	25.679
160	16.800	16.773	35.555	36.4	25.994
170	16.168	16.141	35.542	28.6	26.132
180	15.377	15.350	35.549	25.3	26.318
190	15.238	15.208	35.561	24.6	26.358
200	15.143	15.112	35.569	24.0	26.386
250	14.849	14.811	35.575	23.3	26.457
300	14.381	14.337	35.615	22.6	26.591
350	14.003	13.952	35.661	22.1	26.708
400	13.679	13.622	35.690	21.9	26.800
450	13.431	13.366	35.689	21.0	26.852
500	13.367	13.295	35.754	22.1	26.917
550	12.732	12.656	35.738	21.2	27.034
600	12.592	12.510	35.777	21.0	27.093
650	12.517	12.428	35.870	20.7	27.181
700	12.302	12.206	35.875	20.2	27.229
750	11.710	11.611	35.812	18.8	27.295
800	11.465	11.360	35.825	19.0	27.352
900	10.779	10.665	35.783	18.7	27.446
1000	9.787	9.667	35.604	19.8	27.481

Redsox-1 Station 236
Latitude: 11 51.25 N
Longitude: 051 53.56 E
Date: 11-03-2001
Time: 1707 GMT

Rsx1-236



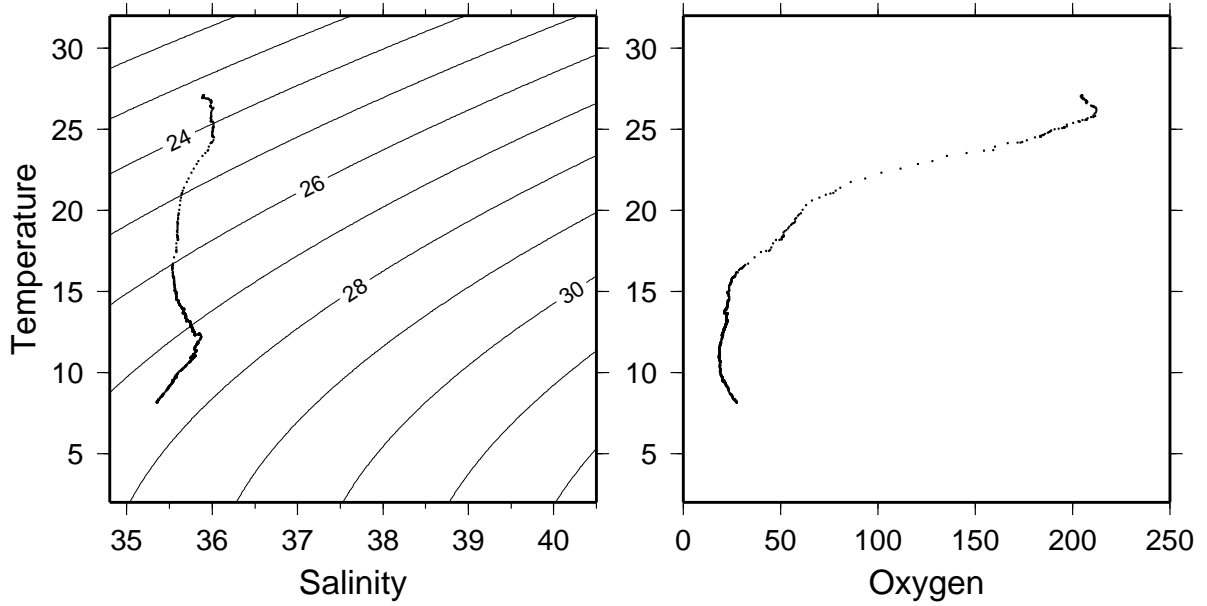
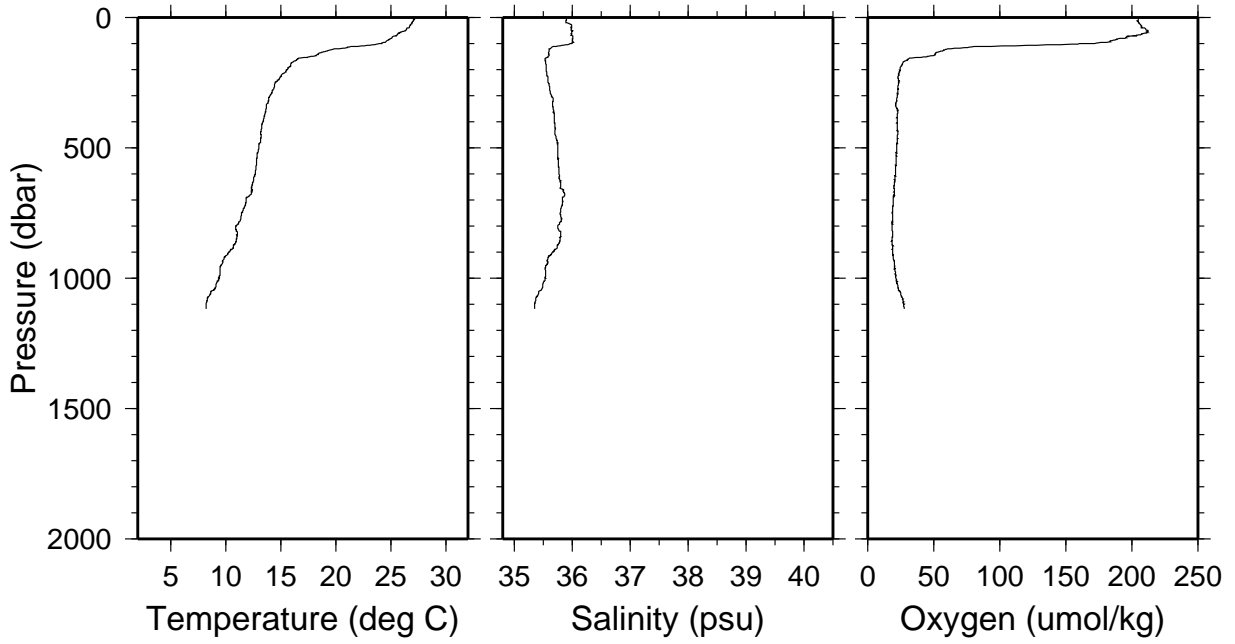
Redsox-1 **Station 237**
Latitude: 11° 55.04 N
Longitude: 051° 59.56 E
Date: 11-03-2001 1831 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	27.084	27.082	35.896	204.6	23.366
20	26.924	26.919	35.898	205.2	23.420
30	26.739	26.732	35.989	206.9	23.549
40	26.603	26.594	35.985	207.3	23.590
50	26.329	26.318	35.995	211.9	23.684
60	25.756	25.743	35.987	210.6	23.858
70	25.461	25.446	36.008	203.6	23.966
80	25.041	25.023	36.009	192.9	24.097
90	24.606	24.586	36.002	183.8	24.225
100	24.133	24.112	35.983	166.6	24.352
110	21.979	21.958	35.721	93.5	24.778
120	20.032	20.010	35.612	61.3	25.226
130	19.094	19.071	35.597	55.2	25.459
140	18.381	18.357	35.596	51.4	25.640
150	17.575	17.550	35.582	44.5	25.828
160	16.496	16.470	35.531	30.6	26.047
170	16.147	16.120	35.542	27.0	26.137
180	15.896	15.868	35.546	26.1	26.198
190	15.735	15.705	35.551	24.8	26.239
200	15.578	15.547	35.551	24.6	26.275
250	14.500	14.463	35.584	23.6	26.540
300	14.012	13.968	35.643	22.5	26.691
350	13.658	13.607	35.674	22.3	26.791
400	13.351	13.295	35.690	22.4	26.868
450	13.191	13.127	35.704	22.6	26.913
500	13.004	12.934	35.749	21.9	26.987
550	12.808	12.732	35.760	21.5	27.036
600	12.665	12.582	35.772	21.0	27.075
650	12.353	12.265	35.799	19.9	27.159
700	11.852	11.759	35.835	19.3	27.284
750	11.436	11.338	35.794	18.5	27.332
800	10.938	10.836	35.751	18.3	27.390
900	10.269	10.158	35.662	18.9	27.441
1000	9.386	9.269	35.534	21.3	27.493

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1117.5	1	8.193	8.071	35.389	27.8
801.3	2	10.887	10.785	35.746	18.0
146.8	3	17.690	17.665	35.593	44.8
1.5	4	27.056	27.056	35.896	203.3

Redsox-1 Station 237
Latitude: 11 55.04 N
Longitude: 051 59.56 E
Date: 11-03-2001
Time: 1831 GMT

Rsx1-237



Redsox-1 **Station 238**
Latitude: 11° 59.41 N
Longitude: 052° 6.06 E
Date: 11-03-2001 1959 GMT

Press (dbar)	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)	Sigma Theta
10	26.767	26.765	35.941	206.6	23.502
20	26.655	26.650	35.936	207.0	23.535
30	26.609	26.602	35.932	207.2	23.547
40	26.569	26.560	35.937	207.6	23.564
50	26.466	26.454	35.940	208.0	23.600
60	25.718	25.704	35.961	204.2	23.851
70	25.045	25.030	36.023	196.6	24.105
80	23.981	23.964	35.962	154.0	24.381
90	21.778	21.761	35.696	95.6	24.814
100	21.347	21.328	35.669	82.6	24.913
110	19.536	19.516	35.595	57.2	25.343
120	18.260	18.239	35.590	50.5	25.665
130	17.607	17.585	35.569	44.1	25.810
140	17.029	17.006	35.542	41.0	25.929
150	16.280	16.256	35.507	38.8	26.079
160	16.005	15.980	35.533	34.3	26.162
170	15.875	15.848	35.546	31.5	26.203
180	15.708	15.680	35.558	28.1	26.250
190	15.639	15.610	35.561	26.4	26.268
200	15.406	15.375	35.560	24.7	26.320
250	14.615	14.577	35.599	22.0	26.526
300	13.713	13.670	35.655	22.8	26.763
350	13.559	13.509	35.685	22.8	26.820
400	13.278	13.221	35.732	22.2	26.916
450	13.132	13.069	35.753	22.2	26.962
500	12.880	12.811	35.751	21.7	27.013
550	12.729	12.653	35.792	21.3	27.077
600	11.899	11.819	35.654	15.9	27.132
650	11.492	11.407	35.649	13.6	27.206
700	12.003	11.910	35.803	18.7	27.230
750	10.835	10.741	35.590	14.7	27.283
800	10.100	10.003	35.494	16.5	27.337
900	10.367	10.256	35.656	18.0	27.420
1000	9.168	9.053	35.488	22.1	27.492

Bottle Data					
Press (dbar)	Bottle	Temp90 (°C)	PoTemp90 (°C)	Salinity (PSS-78)	Oxygen ($\mu\text{mol/kg}$)
1078.9	1	8.606	8.485	35.427	25.8
751.1	2	10.937	10.842	35.620	14.4
651.3	3	11.535	11.450	35.672	15.5
451.1	4	13.119	13.056	35.753	22.2
300.5	5	13.682	13.639	35.653	22.6
149.5	6	16.374	16.350	35.520	39.3
50.3	7	26.334	26.323	35.988	207.8
1.1	8	26.744	26.744	35.944	205.3

Redsox-1 Station 238
Latitude: 11 59.41 N
Longitude: 052 06.06 E
Date: 11-03-2001
Time: 1959 GMT

Rsx1-238

