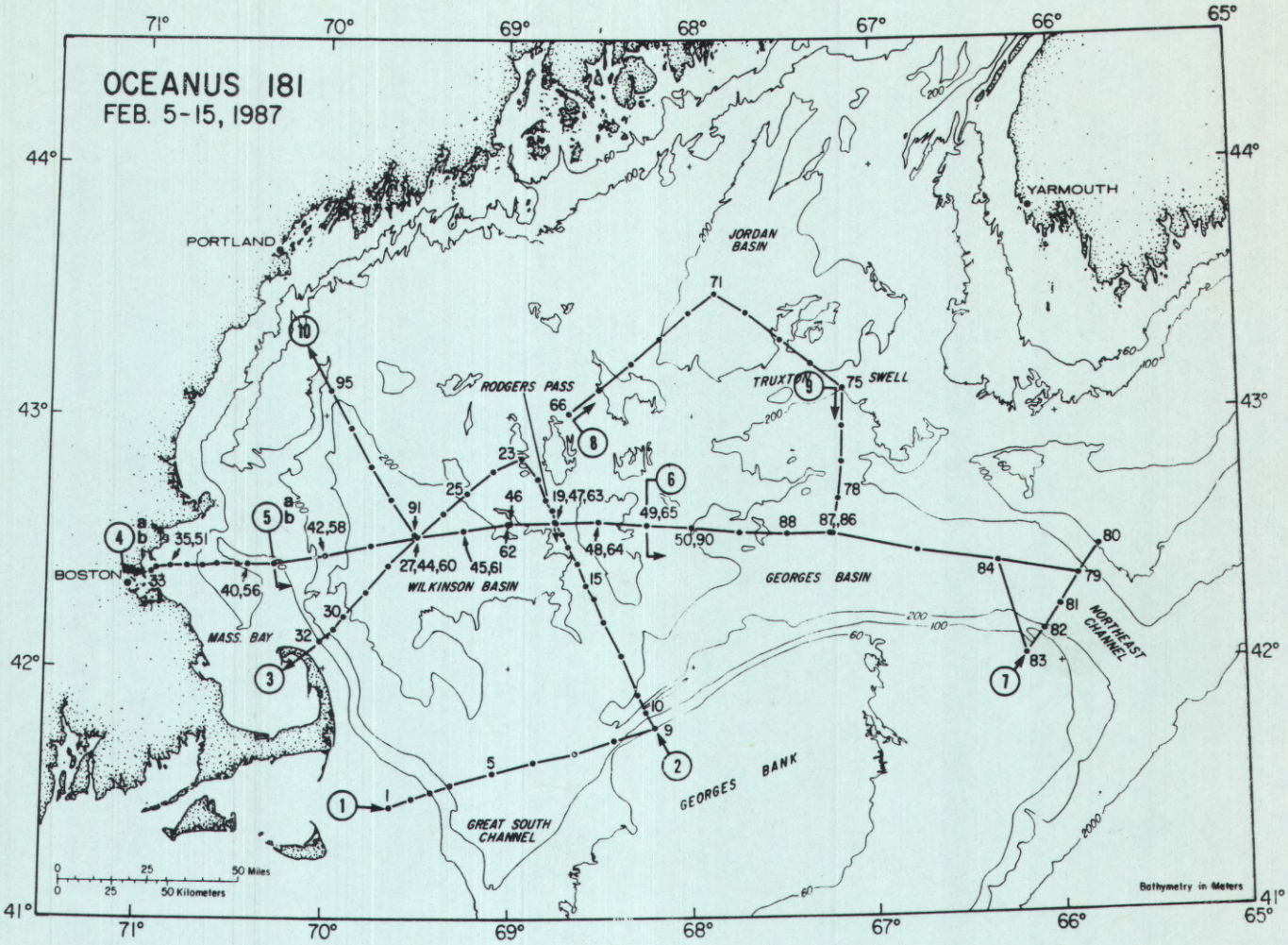
U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HYDROGRAPHY OF THE GULF OF MAINE AND MASSACHUSETTS BAY
DATA REPORT FOR R/V OCEANUS CRUISE 181, FEBRUARY 5-15, 1987

by
John A. Moody[1], Bradford Butman[2], Polly Shoukimas[2]
and Terence G. Donoghue[3]

Open-File Report 90-350



Prepared in cooperation with the University of New Hampshire
Sea Grant R/FM-104 and National Science Foundation Grant OCE-8517274

[1]Denver, CO [2]Woods Hole, MA [3]University of New Hampshire, Durham, NH

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This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.

[1]Denver, CO
[2]Woods Hole, MA
[3]University of New Hampshire, Durham, NH

1990

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John A. Moody, Bradford Butman, Polly Shoukimas
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INTRODUCTION

This report presents hydrographic data obtained on R/V OCEANUS Cruise 181 from February 5-15, 1987. The hydrographic measurements (pressure, temperature, salinity, oxygen, beam attenuation, phosphate, silicate and nitrate/nitrite) were obtained in Georges, Jordan, and Wilkinson Basin in the Gulf of Maine and directly east of Boston across Massachusetts Bay as part of a study of currents and sediment transport in this region (figure 1).

During Cruise 181, a total of 95 hydrographic profiles were obtained by means of a conductivity-temperature-depth (CTD) profiler. Stations are numbered sequentially and station information is tabulated in table 1. The stations were arranged in ten transects (figure 1). Section 1 was across the Great South Channel and section 7 was across the Northeast Channel--the two main oceanic entrances and exits of the Gulf of Maine. Section 2 was along a saddle (Rodgers Pass) separating Wilkinson Basin from Georges Basin. Sections 3,5, and 10 were across different regions of Wilkinson Basin and all intersected at the longterm mooring site W1 in the center of Wilkinson Basin; section 8 was a dog-leg section through the southern portion of Jordan Basin; and sections 6 (east-west) and 9 (north-south) were within Georges Basin. A severe winter storm (see table 2 and 3) occurred between February 9 and 10 and work was stopped while the OCEANUS rode out the storm in Cape Cod Bay and repaired storm damage. Section 4 across Massachusetts Bay and section 5 across Wilkinson Basin, were repeated twice, once before the storm (sections 4a and 5a) and once after the storm (sections 4b and 5b).

OBJECTIVES

The hydrographic observations reported here were part of an extensive study designed to investigate the variability of the thermohaline environment and the associated large-scale circulation in the Gulf of Maine on a seasonal basis. Four extensive hydrographic cruises were conducted as part of this program in February, April, July/August, and September 1987. The February cruise was conducted by the U.S. Geological Survey while the other cruises were conducted by W. Brown, K. Garrison and J. Irish from the University of New Hampshire (UNH). Data from the April, July and September cruises are reported in Garrison, Brown and Irish (1989), Garrison and Brown (1989a), and Garrison and Brown (1989b) respectively. In addition to the hydrographic program, moored temperature, salinity and pressure measurements were made at the center of the major basins (Jordan Basin, Station 71; Georges Basin, Stations 86, 87; and Wilkinson Basin (stations 27, 44, 60 and 91) by UNH and current temperature and light transmission observations on the sills between these basins (Truxton Swell,

station 75; Rodgers Pass, Station 19, 47, 63) by the USGS.

STATION PROCEDURES

At each CTD station, the ship held position and a surface-water sample was obtained, using a bucket sampler, for analysis of salinity. The CTD was lowered within a rosette frame holding six 5-liter Niskin bottles and was held slightly below the surface while CTD surface readings, latitude, longitude, and water depth were recorded in a deck log. The CTD was then lowered at approximately 30 m/min and stopped approximately 2-5 m above bottom. After the deepest readings were recorded, the Niskin bottles were closed electronically to obtain water samples at approximately 5 and 30 meters above the bottom and where possible at 150, 100, 50, and 2 meters below the surface as the CTD and rosette frame was brought back to the surface at about 50m/min. The CTD was held at the surface while final CTD readings were recorded. The Niskin bottles were removed and water samples were withdrawn for measurement of salinity at 65 stations (table 4) and 1 to 7 samples for measurement of oxygen at 46 stations (table 5). Approximately 2 liters of sea water were withdrawn for determination of suspended matter concentration. Suspended-matter concentration was measured at 59 stations by filtering the seawater through preweighed, paired 0.45-m Millipore filters, rinsing salt off with distilled water and later on land, air drying the filters under a laminar flow hood and reweighing. The suspended matter and the corresponding light attenuation coefficient at the sample depth are listed in table 6. Samples were also obtained for nutrient analysis from all bottles (Table 7). Meteorological observations during the cruise (obtained from the ships deck log) are listed in tables 2 and 3.

INSTRUMENT DESCRIPTION

The CTD profiler (Neil Brown Instrument Systems, Mark III) was modified to measure oxygen and light transmission. A scan of data (conductivity, temperature, pressure, oxygen current, oxygen temperature, and light transmission) was obtained at a rate of 32 times each second. Conductivity was measured with a miniature four-electrode alumina ceramic cell (Neil Brown Instrument Systems, model no. B10086). The temperature sensor was a platinum resistance thermometer (Rosemount Engineering Co., model 171-BJ) mounted in a temperature bridge with a reference resistor. Pressure was measured with a bonded wire strain gauge bridge (Standard Control, Inc., model no. 211-35-440). The dissolved oxygen was computed from a time average measurement (1.024 s) of the current and internal temperature of a polarographic membrane (Beckman model no. 147737). Light transmission was measured using a Sea Tech 25-cm or 100-cm path length transmissometer (Bartz and others, 1978) mounted horizontally inside the CTD cage. The light source was a light-emitting diode with a wavelength of 660 nm and a beam diameter of 20 mm. All sensor ranges, accuracies, and resolutions from manufacturers' specifications are listed in Appendix II. For more detailed technical description of the CTD system, see Brown and Morrison (1978), and for more detailed description of field performance, see Fofonoff and others (1974).

The salinity of water samples collected during the CTD cast was measured with a salinometer (Guildline Autosal 8400) and the oxygen was measured according to the Winkler chemical titration method (Strickland and Parson, 1972). The accuracies of both methods are listed in Appendix II.

Navigation was by a Northstar 6000 Loran-C, and latitude and longitude were determined by the Northstar 5101 algorithm. Water depth at each station was measured with a Gifft echo sounder.

INSTRUMENT CALIBRATION

Temperature time-lag

The platinum resistance thermometer time constant (Tlag = 0.125 s) was selected to minimize density inversions in regions of strong thermal gradients. Since the temperature sensor had a slower response then the conductivity and pressure sensors, an exponential recursive filter (Bendat and Piersol, 1971) was applied to the conductivity and pressure series to lag these variables to match the temperature (Millard, 1982). The digital form of the filter is:

$$y(t) = y(t-dt) \bullet W0 + x(t) \bullet W1$$

dt = CTD sampling time interval = 0.03125 s

y(t) is the filtered output of conductivity or pressure

y(t-dt) is the previous value

x(t) is the unfiltered input

$$W0 = e^{-dt/Tlag}$$

$$W1 = 1 - W0$$

A precruise laboratory calibration of the CTD temperature had been done on January 14, 1987, at the Woods Hole Oceanographic Institution, and the temperature offset (calibration bath minus CTD) ranged between a low of -0.0079 and -0.0090°C. at 7° and 29°C to a high of -0.0123° at 15°C. No correction was made to the temperatures measured by the CTD to account for these offsets.

Salinity

Salinity in practical salinity units, psu, (Lewis, 1980) and sigma-t were calculated from conductivity, temperature, and pressure using the 1980 equation of state for seawater (Millero, 1980) and algorithms given by Fofonoff and Millard (1983). Seventy-four bottle salinities for 65 stations were measured with the Guildline Autosal 8400 after the cruise and the values are listed in table 4 along with the CTD salinity values. The difference (bottle-CTD) between measurements was typically 0.033 psu. Similar results were obtained for a precruise laboratory calibration of conductivity done on January 14, 1987, at WHOI. The offset (calibration bath minus CTD) ranged from 0.0152 mmhos to 0.0240

mmho, which corresponds to salinity offsets of about 0.015 to 0.024 psu. Based on these laboratory calibrations, no correction was made to the salinities reported here.

Oxygen

Oxygen was computed using an algorithm (Owens and Millard, 1984) which has six adjustable parameters (OXB, OCS, τ, tcor, WT, pcor) which are determine by comparison with water sample oxygen values. The oxygen algorithm is

$$OX = (OXB + (OCS + \tau \frac{dOC}{dt})) \cdot OXSAT \cdot e^{[tcor \cdot (t+WT(ot-t)) + pcor \cdot p]}$$

where:
- OX = CTD dissolved oxygen value in ml/l
- t = CTD water temperature in °C
- p = CTD pressure in decibar (dbar)
- OC - CTD oxygen current in μA
- ot = CTD oxygen probe internal temperature in °C
- OXB = oxygen current bias
- OCS = oxygen current slope in μA^{-1}
- τ = oxygen diffusion time-lag constant in s
- tcor = temperature correction factor ($°C^{-1}$) for membrane permeability
- WT = weighing fraction of oxygen probe internal temperature
- pcor = pressure correction factor ($dbar^{-1}$) for membrane permeability
- OXSAT = oxygen saturation value in ml/l after Weiss (1970)

Due to the limited calibration values the correction factors for membrane permeability (tcor and pcor) were fixed at -.0353 and 1.15 X 10^{-4}, respectively based on values determined by R. C. Millard (pers. commun.).

The oxygen diffusion time-lag constant τ (see Owens and Millard, 1984) is important only in regions of sharp changes in oxygen. These regions are usually small so that this parameter was initially ignored in the regression and determined later by trial and error.

The water samples from 46 CTD stations were measured by chemical titration for dissolved oxygen (Strickland and Parsons, 1972). The oxygen sensor was damaged from freezing temperatures (deck temperatures were below -3°C) after station 85 was finished. The damage was evident when the oxygen current readings changed radically.

So the three parameters, OXB, OCS, and WT, were determined by a non-linear regression fit (SAS Institute, Inc., 1982) to 70 calibration points from 40 stations giving values ($\pm$ standard error) of: OXB = 0.43 $\pm$ 0.04, OCS = 1.02 $\pm$ 0.07, and WT = 0.07 $\pm$ 0.10.

The remaining parameter τ was determined by creating plots of down and upcast with different values of τ. The final value of τ = 6.0 s was chosen to minimize the hysteresis in regions of sharp gradients and still retain detailed

structure. Table 5 compares the measured and CTD-computed oxygen for the 70 samples and lists the measured values for stations 86 to 95. Stations 92 and 95 in Wilkinson Basin have oxygen values at 7 and 5 depth which are not shown on any figures. The mean residual (measured-CTD oxygen) is 0.09 ml/l with a standard deviation of $\pm$ 0.54 ml/l.

The mean residual for stations 80 to 85 was 0.74 ml/l (CTD was lower than the measured oxygen) which suggests the oxygen sensor may have been deteriorating as exposure time to freezing temperature increased. A better set of oxygen values could possibly be obtained by fitting by groups of stations that constitute a section; however, the number of oxygen values used for the non-linear regression fit would decrease--increasing the uncertainty of the OXB, OCS, and WT values. There may also be enough oxygen values so that the parameters tcor, pcor, and τ could be determined from the 70 calibration oxygen values.

Light transmission

The beam attenuation coefficient, ATN (in m^{-1}) over a 100-cm path length, was computed from the measured transmissometer voltages (TR) using

$$ATN = -\frac{1}{L} \ln\left(\frac{TR}{TR_{cw}}\right)$$

where TR_{cw} is the voltage measured in clear water. TR_{cw} is approximately 0.95 times the measured voltage in air for 25-cm transmissometer (L=0.25m) and approximately 0.76 times for a 100-cm transmissometer (L=1.0m) (Bartz and others, 1978) or can be determined in a laboratory tank (see Moody and others, 1986, for method). Two transmissometers were used during the cruise; a 100-cm transmissometer was used during CTD casts at stations 1 to 50 and 74 to 95 and a 25-cm transmissometer (No.102) was used on casts at stations 51-73. The values of TR_{cw} for the 100 cm transmissometer was 3.29 volts and 3.77 volts for the 25-cm transmissometer. The clearest water was measured at stations 79, 80, 81, and 89 in the Northeast channel where the attenuation coefficient, ATN, was slightly less than zero indicating that TR_{cw} for 100-cm transmissometer should be 3.37 volts. This change in TR_{cw} would increase all values of ATN by only $0.02 m^{-1}$ so that the data listings in the appendix are based on the original estimate of TR_{cw} equal to 3.29 volts for stations 1 to 50 and 74 to 95.

Accuracy and precision

The CTD temperatures are at most 0.01°C higher than the water bath temperatures. The CTD salinities are, on the average, 0.033 psu lower than the 74 bottle salinities and the CTD oxygens are, on the average, 0.1 ml/l lower than the 70 oxygen values measured by chemical titration. The light attenuation measurements are possibly 0.02 m^{-1} too low.

The precision of these CTD measurements is $\pm$0.002°C for temperature, $\pm$0.05 psu for salinity, $\pm$0.5 ml/l for oxygen and since changes in the transmission voltage are accurate to $\pm$0.04 volts then for a typical output voltage of about 3.50 volts the attenuation coefficient are precise to $\pm$0.01 m^{-1}.

NUTRIENT ANALYSIS:

The nutrient samples were capped and frozen on board and then stored at -15 degrees C until analyzed in August, 1988. Reactive phosphate and silicate were measured by the molybdenum blue method (Technicon, 1973a,b) and nitrate/nitrite nutrients were measured by cadmium reduction and Greiss reaction (Technicon, 1972). The AutoAnalyzer methods and adjustments made for refractive index corrections and carryover are as described by Gilbert and Loder (1977) and Loder and Glibert (1977). The nutrient concentrate is measured in micromoles per liter (μM) and the results are listed by station and depth in Table 7. The estimated precision is the average standard deviation for 3-4 standards analyzed at the same time. An estimate of the accuracy can be calculated by multiplying the precision four times. The estimated precisions for reactive phosphate and silicate were $\pm 0.02\mu$M at 1μM, and $\pm 0.05\mu$M at 15μM respectively. The precision for the nitrate/nitrite analysis was $\pm 0.08\mu$M at 10μM.

Some of the samples (37 out of 367) had salt around the leftover seawater on the vial or ice formation could have forced some salt out of an overfilled vial. These samples are included since there are no obvious systematic differences and the concentration values presented here are consistent with past surveys in the Gulf of Maine. However, due to the age and condition of some of the samples at the time of analysis it is felt that the accuracy of the data presented, particularly the phosphate values, may be worse than indicated. Although much care has been taken to ensure consistency among the data, analysis of these data is still in progress and users may wish to contact T. Donoghue.

DATA PROCESSING

The CTD data (pressure, temperature, conductivity, oxygen current, oxygen temperature, and light transmission) were recorded at sea on both 9-track magnetic tape (see Appendix III) and 1/4" FM tape. The data were processed ashore using the techniques described by Millard (1982). The original 9-track data tapes were first checked for proper format and station sequence, and the data were then transferred to disc storage. The data obtained on both the downcast and upcast were subsampled (usually every 100 to 200 points), listed, and plotted to check instrument performance. Spurious points were identified and replaced with the previous good value using range filters for each variable. The ranges were typically 1 variable unit except for transmission, which was 0.05-0.10 volts. The conductivity and pressure data were time-lagged to correct for the time constant of the temperature sensor (see above), and then the pressure was filtered to obtain a monotonically increasing series of water depths. Any density inversions not deleted by the range filter were identified by a point-editing program and replaced by interpolating between adjacent values of density. The editor recomputed the salinity from the interpolated values of density and the original temperature. Any spurious points in light transmission and oxygen not already deleted by the range filter were deleted using the point editor. The data were averaged over 2-dbar pressure intervals; at about 10 dbar above the bottom, this was changed to a 1-dbar average. These averaged data were used to contour the hydrographic sections presented in this report.

DATA PRODUCTS

Vertical sections

The hydrographic data are presented in several ways. Vertical sections are shown in figures 2-11. The sections are numbered as shown in figure 1 and have also been given a descriptive title--Wilkinson Basin, etc. The station numbers for each section are labeled across the top and the vertical scale is the same for all sections except section 4. The bathymetry is defined only by the depth at each station.

The crossing of the contour interval for each variable was plotted below each station and then contoured by hand. The contour intervals are the same for all sections (0.2°C, 0.2 psu., 0.1 sigma-t units, 0.2 ml/l and $0.05m^{-1}$) except section 4 where the vertical scale was changed.

Horizontal sections

Horizontal sections of temperature, salinity, sigma-t, oxygen and light attenuation were contoured for surface, 50-, 150- and 200-dbars pressure surfaces (figures 12-16). All horizontal sections were contoured by hand. Some stations were occupied more than one time and an average value was used. For the oxygen sections only stations 1-50 and 66-85 were used since severe winter storm between February 8 and 11 may have overturned the water nearshore (stations 51-65) such that an average would not be realitic.

TS diagrams

Plots of temperature versus salinity (TS plots, figs. 17-45) were organized by section (see column 2 of table 1). The symbol for each station was plotted every 100 dbar. The 100- and 200-dbar points have been annotated.

Station profiles

Plots of temperature, salinity, sigma-t, oxygen, light attenuation coefficient, and buoyancy or Brunt-Vaisala frequency

$$N^2 = -(g/\rho) \frac{\delta\rho}{\delta z}$$

(ρ = water density, g = gravity, z = depth) as a function of pressure at each station are shown in figures 46a-140a. For the Brunt-Vaisala frequency, density was determined using the 1980 equation of state (Millero and others, 1980), and the gradient of the specific volume anomaly was estimated from a least squares fit of a straight line to nine observations (±8 dbar) centered about the specified depth. The Brunt-Vaisala frequency was not computed for the first four average depths nor for the last four average depths; the magnitudes of N listed at these depths are the same as the Brunt-Vaisala frequency for the fifth and fifth-to-last depths, respectively. The different symbols used to distinguish variables are shown on each variable axis. The units of salt are practical salinity units (psu) and are defined by Lewis (1980).

Nutrient profiles

Plots of reactive phosphate, reactive silicate and nitrate/nitrite are shown in figures 46b-140b.

Data listing

A listing of the 2-dbar-averaged data is contained in Appendix I. For the data listings, time is in Eastern Standard Time, SALIN is the salinity, OXY is the dissolved oxygen, ATN is the beam attenuation coefficient, SIGT is the density anomaly sigma-t, N is the Brunt-Vaisala frequency, DYHT A is the dynamic height anomaly, and S SPD is the speed of sound in seawater computed using a Fortran subroutine given in Fofonoff and Millard (1983).

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Table 1. Hydrographic stations R/V OCEANUS Cruise 181 February 5-15, 1987. Time is for the middle of the CTD cast when CTD is nearest the bottom.

Station	Section	Date	Time (EST)	Latitude (N.)	Longitude (W.)	Water Depth (m)
1	1	FEB 05	1414	41° 26.52′	69° 37.83′	26
2	1	FEB 05	1514	41° 29.12′	69° 30.92′	38
3	1	FEB 05	1603	41° 30.10′	69° 24.98′	60
4	1	FEB 05	1727	41° 31.77′	69° 17.56′	125
5	1	FEB 05	1901	41° 33.90′	69° 5.22′	164
6	1	FEB 05	2033	41° 36.99′	68° 52.08′	126
7	1	FEB 05	2202	41° 39.06′	68° 39.02′	150
8	1	FEB 05	2330	41° 42.09′	68° 26.00′	170
9	1,2	FEB 06	0056	41° 45.35′	68° 11.85′	62
10	2	FEB 06	0144	41° 49.29′	68° 15.30′	142
11	2	FEB 06	0244	41° 53.84′	68° 16.93′	212
12	2	FEB 06	0423	42° 02.93	68° 23.47′	188
13	2	FEB 06	0611	42° 11.45′	68° 29.19′	161
14	2	FEB 06	0726	42° 16.93′	68° 32.12′	180
15	2	FEB 06	0823	42° 20.42′	68° 34.64′	170
16	2	FEB 06	0923	42° 25.04′	68° 37.66′	200
17	2	FEB 06	1014	42° 29.65′	68° 41.28′	173
18	2	FEB 06	1053	42° 32.52′	68° 43.23′	198
19	2,5	FEB 06	1303	42° 34.90′	68° 44.45′	198
20	2	FEB 06	1357	42° 38.14′	68° 46.12′	181
21	2	FEB 06	1435	42° 40.20′	68° 48.12′	167
22	2	FEB 06	1543	42° 45.74	68° 51.86′	156
23	2,3	FEB 06	1710	42° 50.68	68° 56.27′	91
24	3	FEB 06	1827	42° 47.03′	69° 05.16′	178
25	3	FEB 06	1946	42° 41.97′	69° 13.56′	166
26	3	FEB 06	2102	42° 36.45′	69° 21.97′	235
27	3,5,10	FEB 06	2228	42° 30.83′	69° 29.94′	275
28	3	FEB 06	2346	42° 24.52′	69° 39.02′	253
29	3	FEB 07	0110	42° 18.07′	69° 46.82′	247
30	3	FEB 07	0223	42° 12.10′	69° 53.83′	169
31	3	FEB 07	0312	42° 09.15′	69° 57.43′	139
32	3	FEB 07	0358	42° 06.03′	70° 01.39′	62
33	4a	FEB 07	1920	42° 22.88′	70° 56.09′	17
34	4a	FEB 07	1948	42° 23.46′	70° 54.37′	25
35	4a	FEB 07	2021	42° 23.47′	70° 50.13′	36
36	4a	FEB 07	2054	42° 23.44′	70° 44.92′	47
37	4a	FEB 07	2127	42° 23.46′	70° 39.90′	76
38	4a	FEB 07	2202	42° 23.44′	70° 34.91′	89
39	4a	FEB 07	2241	42° 23.40′	70° 29.83′	91
40	4a	FEB 07	2319	42° 23.45′	70° 24.79′	31
41	5a	FEB 08	0018	42° 24.91′	70° 14.14′	67
42	5a	FEB 08	0141	42° 26.93′	70° 00.13′	191
43	5a	FEB 08	0315	42° 29.08′	69° 45.23′	279
44	3,5a,10	FEB 08	0502	42° 31.19′	69° 29.47′	281
45	5a	FEB 08	0647	42° 33.13′	69° 15.03′	231

Table 1. Hydrographic stations R/V OCEANUS Cruise 181 February 5-15, 1987 (continued).

Station	Section	Date	Time (EST)	Latitude (N.)	Longitude (W.)	Water Depth (m)
46	5a	FEB 08	0911	42° 34.34′	68° 59.03′	205
47	2,5a	FEB 08	1036	42° 35.42′	68° 45.11′	195
48	5a	FEB 08	1407	42° 35.20	68° 30.36′	221
49	6	FEB 08	1539	42° 34.74	68° 14.93	192
50	6	FEB 08	1711	42° 33.38′	67° 59.88′	207
51	4b	FEB 11	0106	42° 23.55′	70° 50.20′	35
52	4b	FEB 11	0145	42° 23.64′	70° 45.12′	43
53	4b	FEB 11	0218	42° 23.53	70° 40.08′	70
54	4b	FEB 11	0301	42° 23.48′	70° 35.18′	88
55	4b	FEB 11	0339	42° 23.61′	70° 30.05	90
56	4b	FEB 11	0416	42° 23.52′	70° 25.11′	31
57	5b	FEB 11	0531	42° 25.01′	70° 14.31′	68
58	5b	FEB 11	0654	42° 27.03′	70° 00.18′	190
59	5b	FEB 11	0822	42° 29.03	69° 44.80	277
60	3,5b,10	FEB 11	1004	42° 30.70′	69o 29.10′	278
61	5b	FEB 11	1138	42° 33.01′	69° 14.93′	230
62	5b	FEB 11	1324	42° 34.49′	69° 00.10′	195
63	2,5b	FEB 11	1511	42° 35.63′	68° 44.95′	194
64	5b	FEB 11	1658	42° 35.02′	68° 30.07′	220
65	6b	FEB 11	1859	42° 34.46′	68° 15.19′	194
66	8	FEB 12	0854	43° 00.17′	68° 41.11′	188
67	8	FEB 12	1019	43° 05.93′	68° 29.94′	205
68	8	FEB 12	1143	43° 12.41′	68° 20.05′	191
69	8	FEB 12	1312	43° 18.53′	68° 10.31′	206
70	8	FEB 12	1454	43° 24.47′	68° 01.20′	242
71	8	FEB 12	1720	43° 29.38′	67° 52.52′	286
72	8	FEB 12	1918	43° 24.84′	67° 42.32′	252
73	8	FEB 12	2058	43° 18.20′	67° 31.45′	202
74	8	FEB 12	2211	43° 11.97′	67° 20.81′	200
75	9	FEB 12	2324	43° 05.88′	67° 09.88′	213
76	9	FEB 13	0047	42° 57.10′	67° 10.43′	233
77	9	FEB 13	0154	42° 48.72′	67° 10.90′	220
78	9	FEB 13	0306	42° 39.98′	67° 12.11′	265
79	6,7	FEB 13	0900	42° 20.62′	65° 54.64′	228
80	7	FEB 13	1226	42° 28.00′	65° 47.62′	103
81	7	FEB 13	1436	42° 13.91′	65° 59.83′	246
82	7	FEB 13	1552	42° 08.06′	66° 05.11′	211
83	7	FEB 13	1710	42° 01.81′	66° 11.60′	93
84	6	FEB 13	2059	42° 24.54′	66° 20.40′	260
85	6	FEB 14	0051	42° 27.60′	66° 46.98′	335
86	6,9	FEB 14	0817	42° 31.76′	67° 14.09′	328
87	6,9	FEB 14	0858	42° 32.31′	67° 14.97′	322
88	6	FEB 14	1134	42° 32.17′	67° 28.99′	280
89	6	FEB 14	1410	42° 32.43′	67° 44.77′	233
90	6	FEB 14	1615	42° 33.47′	67° 59.96	208

Table 1. Hydrographic stations R/V OCEANUS Cruise 181 February 5-15, 1987 (continued).

Station	Section	Date	Time (EST)	Latitude (N.)	Longitude (W.)	Water Depth (m)
91	5,10	FEB 15	0239	42° 31.28′	69° 31.27′	282
92	10	FEB 15	0453	42° 40.10′	69° 38.47′	283
93	10	FEB 15	0636	42° 48.11′	69° 45.58′	261
94	10	FEB 15	0813	42° 56.92′	69° 52.08′	231
95	10	FEB 15	0923	43° 05.43	69° 58.46′	157

Table 2. Meteorological observations for R/V OCEANUS Cruise 181 obtained from ship's deck log. (time is Eastern Standard Time). (See Table 3 for key to meteorlogical observations).

Date	Time	Wind		Sea			Air		Weather
	EST	Dir	Force	Dir	Swell	Height	Pressure (mb)	Temp (°c)	
Feb 5	1200	NW	5	---	--	3	1026	-4.4	bc
	1600	NW	6	NW	1	4	1025	-1.1	bc
	2000	WNW	6	NW	3	4-5	1026	-2.2	bc
	2400	WxN	4-5	NW	1	3	1023	0.0	bc
Feb 6	0400	W	5	--	--	3	1020	0.0	c
	0800	WxN	5-6	W	3	4	1020	-0.6	c
	1200	WxN	5	NW	1	3	1020	----	c
	1600	WNW	5	NW	1	3	1019	-0.6	bc
	2000	Var	1-2	NW	1	2-3	1020	0.6	b
	2400	SSW	4	--	--	3	1020	2.2	bc
Feb 7	0400	S	5-6	--	--	2	1016	1.1	bc
	0800	SxW	4	E	1	2	1012	2.8	o
	1200	Lt	airs	--	--	calm	1008	3.3	bc
	1600	ESE	1	--	0	0	1006	7.2	bc
	2000	NW	2	--	--	1-2	1007	3.3	c
	2400	NNW	3	--	--	3	1004	3.9	o
Feb 8	0400	NE	2-3	--	--	1	1003	4.4	c
	0800	NE	4	NE	1	2	1004	2.8	o
	1200	ESE	3	NE	1	2-3	1004	3.3	o
	1600	SE	3-4	NE	1	2	1003	3.3	o
	2000	S	4	S	1	3	1002	4.4	o
	2400	SE	3	--	--	3	1000	4.4	o
Feb 9	0400	ENE	5	anchored		2	998	3.3	or
	0800	NE	5-6	in		--	999	2.8	or
	1200	NNE	8-9	Province-			996	0.6	os
	1600	N	9+	town		3	994	0.0	su
	2000	N	8-10	outer		3	995	---	os
	2400	NNW	8-10	harbor		3	996	---	os
Feb 10	0400	NW	7-8	anchored		2-3	1000	-5.0	s
	0800	NW	7	anchored		2-3	1003	-8.3	c
	1200	NW	6	NW	3	4	1002	-5.0	bc
	1600	W	4	moored	--	--	1006	-1.1	c
	2000	W	3-4	moored	--	--	1008	-2.2	bc
	2400	WNW	6-7	WNW	1-3	4	1009	-3.9	bc

Table 2. Meteorological observations for R/V OCEANUS Cruise 181 obtained from ship's deck log (continued).

Date	Time EST	Wind Dir	Wind Force	Sea Dir	Sea Swell	Sea Height	Air Pressure (mb)	Air Temp (°c)	Weather
Feb 11	0400	W	7	WNW	1	3	1010	-3.3	b
	0800	W	7-8	WNW	3	4	1007	-1.7	bc
	1200	NW	8	NW	4	5	1005	0.0	bc
	1600	WNW	8	WNW	4	5	1003	-1.1	bc
	2000	WxN	8-9	WNW	4	5-6	1002	-2.8	bc
	2400	NWxW	8-9	WxN	4-7	6	1004	-6.1	bc
Feb 12	0400	NW	7-8	NW	4	5-6	1004	-5.6	bc
	0800	NW	6-7	NW	3	5	1004	-3.9	bc
	1200	WNW	5-6	NW	3	4	1001	-3.3	bc
	1600	WNW	6-7	WNW	3	3	1001	-2.2	bc
	2000	NWxW	6-7	WNW	3	4	997	-3.9	bc
	2400	NWxW	5	WNW	1	4	998	-3.9	bc
Feb 13	0400	WNW	6	WNW	1	3-4	997	-1.1	c
	0800	WNW	5-6	WNW	1	3	995	-1.1	o
	1200	NW	5-6	NW	3	3	995	-3.9	os
	1600	NW	6	NW	1	4	998	-5.0	os
	2000	NW	7	NW	3	4-5	998	-4.4	os
	2400	NW	7	NW	3	4	1002	-5.6	os
Feb 14	0400	NW	7	NW	1	4-5	1005	-10.0	os
	0800	NW	6-7	NW	3	4-5	1007	-11.1	os
	1200	WxN	4	NW	1	4	1008	-7.8	os
	1600	WNW	4-5	NW	1	3-4	1008	-7.8	os
	2000	WNW	4-5	NW	1	3	----	-6.7	c
	2400	NWxW	4-5	NW	1	2	1010	-5.6	c
Feb 15	0400	NW	5-6	NW	1	3	1012	-11.1	os
	0800	WNW	5-6	NW	1	3	1012	-13.9	os
	1200	NW	5-6	NW	1	3	----	-13.9	bc
	1600	NW	4	--	--	--	1011	-7.8	-
	2000	NW	4	--	--	--	1014	-13.3	bc
	2400	WNW	2	--	--	--	1017	-16.7	bc

Table 3. - Key to meterological observations.

Swell		Sea height	
0	No swell	0	Calm
1	Low, short or average	1	Smooth, less than 1'
2	Low, long	2	Slight 1-3'
3	Moderate, short	3	Moderate 3-5'
4	Moderate, average	4	Rough 5-8'
5	Moderate, long	5	Very rough 8-12'
6	Heavy, short	6	High 12-20'
7	Heavy, average	7	Very high 20-40'
8	Heavy, long	8	Mountainous 40' and higher
9	Confused	9	Confused

Weather		Wind	knots	mph
bc	scattered clouds	1	1-3	1-3
d	drizzle	2	4-6	4-7
f	fog	3	7-10	8-12
h	hail	4	11-16	13-18
l	lightening	5	17-21	19-24
o	overcast	6	22-27	25-31
c	mostly cloudy	7	28-33	32-38
p	passing rain showers	8	34-40	39-46
q	squalls	9	41-47	47-54
r	rain	10	48-55	55-63
s	snow	11	36-63	64-72
t	thunder	12	64-71	73-82

Table 4. Comparison of salinity values for R/V OCEANUS Cruise 181, February 5-15, 1987. CTD salinity is calculated from in situ conductivity, temperature and pressure measurements and bottle salinity was a measurement (using the Guildline Autosal 8400) of the water samples collected with Niskin bottles.

Station	Sample Depth (dbar)	Salinity CTD (psu)	Salinity Bottle (o/oo)	Station	Sample Depth (dbar)	Salinity CTD (psu)	Salinity Bottle (o/oo)
4	123	33.028	33.087	35	32	32.475	32.535
5	158	33.054	33.123	36	39	32.530	32.560
6	118	33.113	33.168	37	67	32.719	32.739
7	143	33.147	33.201	38	84	32.869	32.911
8	166	33.120	33.173	39	86	32.873	32.908
9	2	33.061	33.113	40	27	32.944	32.979
10	3	33.086	33.135	41	62	32.989	33.024
11	4	33.160	33.210	42	187	33.228	33.257
15	165	33.438	33.486	43	271	33.893	33.957
16	193	33.569	33.617	46	199	33.886	33.919
17	168	33.634	33.678	47	191	33.911	33.960
				48	214	34.075	34.107
18	52	33.001	32.934	49	187	33.927	33.964
	100	33.338	33.056	69	200	34.110	34.137
	151	33.761	33.816	70	233	34.052	34.081
	193	33.814	33.858	71	278	34.203	34.233
				72	244	34.160	34.186
19	192	33.884	33.938	73	193	34.259	34.298
20	174	33.834	33.878	74	194	34.485	34.523
21	162	33.769	33.811	75	207	34.722	34.751
22	152	33.709	33.774	76	223	34.718	34.742
23	86	33.055	33.103	77	214	34.743	34.765
24	173	33.257	33.326	78	258	34.884	34.909
25	160	33.330	33.365	79	218	35.043	35.070
26	228	33.791	33.832	80	95	33.525	33.564
27	267	33.880	33.924	81	236	34.970	34.999
28	0	33.180	33.228	82	202	34.946	34.975
	52	33.190	33.224	83	85	33.207	33.234
	102	33.207	33.309	84	203	34.863	34.978
	151	33.369	33.489	85	326	34.976	34.987
	201	33.791	33.773	86	319	34.935	34.958
	226	33.868	33.909	88	272	34.934	34.958
	245	33.878	33.921	89	227	34.824	34.847
29	240	33.876	33.917	90	200	34.588	34.614
30	162	33.161	33.201	91	251	33.849	33.873
31	134	33.043	33.085	93	254	33.893	33.921
32	59	32.948	33.024	94	225	33.852	33.869
33	14	32.317	32.364	95	151	33.309	33.334

Table 5. Comparison of oxygen values for R/V OCEANUS Cruise 181, February 5-15, 1987, CTD oxygen was computed using algorithm of Owens and Milllard, 1984; the bottle oxygen is based on chemical titration of Strickland and Parsons, 1972.

Station	Sample Depth (dbar)	Oxygen CTD (ml/l)	Oxygen Bottle (ml/l)	Station	Sample Depth (dbar)	Oxygen CTD (ml/l)	Oxygen Bottle (ml/l)
1	2	---	7.35	76	150	4.73	4.28
	24	---	7.35		223	4.20	4.16
2	36	---	7.20	77	214	4.17	4.66
3	56	7.30	7.05	78	258	4.17	4.08
4	122	7.01	6.93	79	3	7.67	7.60
5	158	6.98	6.83		52	7.53	7.51
6	117	6.83	6.81		103	5.65	5.78
7	143	6.78	6.75		153	4.36	4.42
8	166	6.77	6.80		201	4.29	4.11
9	58	6.89	6.89		218	4.40	4.29
10	148	6.81	6.80	80	95	5.18	5.57
11	211	5.00	4.81	81	3	7.37	7.66
24	173	6.15	6.34		236	4.99	6.99
25	159	6.11	6.18	82	52	6.75	7.34
26	227	5.18	4.56		140	5.10	6.79
27	266	5.15	4.39		202	4.71	4.83
28	245	5.14	4.41	83	2	6.46	7.45
29	240	5.11	4.52		49	5.80	6.90
30	162	6.82	6.72	85	5.58	6.55	
31	134	7.03	6.87	84	51	7.21	6.74
32	59	7.16	7.09		150	4.94	5.25
	2	7.75	7.46	85	4	6.73	7.58
33	15	7.62	7.46		52	5.96	7.06
49	187	5.04	4.51		248	4.39	4.87
50	180	4.66	4.22	86	51	---	7.30
	2	7.14	7.38		246	---	4.25
69	200	4.83	4.31		319	---	4.14
	3	6.31	7.37	88	103	---	5.53
70	233	4.36	4.37		272	---	4.12
	53	7.04	7.31	89	227	---	4.13
71	278	4.30	4.18	90	2	---	7.33
	51	7.20	7.37		100	---	6.68
72	151	5.06	5.31		200	---	4.13
	244	4.31	4.35	92	1	---	6.93
73	2	7.26	7.33		50	---	6.94
	150	4.62	5.46		100	---	6.97
	192	4.28	4.49		149	---	6.63
74	100	4.89	4.83		200	---	4.81
	149	4.80	4.06		260	---	4.46
	194	4.18	3.70		277	---	4.60
75	100	5.08	4.85	95	2	---	7.30
	151	4.21	4.03		53	---	6.77
	186	4.19	4.24		102	---	6.76
	206	4.17	3.79		121	---	6.68
					151	---	6.28

Table 6. Suspended matter concentration for water samples obtained on R/V OCEANUS Cruise 181, February 5-15. 1987. The average of four blanks run before, during and at the end of the cruise was 0.03 mg/L.

Station	Water Depth (m)	Sample Depth (dbar)	Attenuation Coefficient m^{-1}	Suspended Matter (mg/L)	Station	Water Depth (m)	Sample Depth (dbar)	Attenuation Coefficient m^{-1}	Suspended Matter (mg/L)
12	188	1.5	0.10	0.21	19	198	3.6	0.13	0.12
		48.6	0.10	0.20			50.3	0.06	0.04
		99.0	0.10	0.12			100.0	0.07	0.11
		149.0	0.22	0.34			149.8	0.12	0.11
		159.7	0.25	0.40			165.3	0.59	0.83
		181.3	0.43	0.80			191.3	0.78	1.35
13	166	1.4	0.14	0.27	20	181	2.6	0.11	0.17
		51.8	0.14	0.30			49.7	0.07	0.11
		101.0	0.14	0.26			107.9	0.07	0.07
		136.3	0.19	0.33			148.7	0.16	0.22
		153.8	0.24	0.40			174.0	0.38	0.68
14	180	2.3	0.12	0.21	21	167	3.0	0.11	0.06
		51.8	0.11	0.14			98.3	0.07	0.13
		101.5	0.14	0.23			149.6	0.34	0.52
		150.5	0.26	0.44			161.1	0.30	0.43
							176.4	0.28	0.57
15	170	50.5	0.12	1.10					
		100.4	0.11	0.16	22	145	3.0	0.11	0.05
		139.8	0.11	0.10			50.0	0.09	0.09
		165.0	0.24	0.56			77.4	0.11	0.15
							151.2	0.41	0.68
16	200	1.1	0.11	0.18					
		50.1	0.11	0.18	23	91	2.2	0.11	0.14
		97.3	0.10	0.05			50.2	0.13	0.15
		147.3	0.12	0.15			60.5	0.12	0.17
		168.0	0.34	0.50			86.0	0.14	0.15
		192.8	0.38	0.70					
					33	17	1.6	0.58	0.83
17	173	1.1	0.10	0.17			13.4	0.48	0.78
		49.6	0.10	0.19					
		94.0	0.13	0.13	34	25	2.0	0.62	0.90
		142.9	0.19	0.31			20.6	0.48	0.88
		167.9	0.26	0.43					
					35	36	0.8	0.31	0.52
18	198	51.6	0.09	0.34			31.7	0.54	0.90
		100.5	0.12	0.10					
		155.5	0.32	0.33	36	47	1.5	0.24	0.32
		192.0	0.62	1.16			22.9	0.28	0.48
							38.7	0.32	0.57

Table 6. Suspended matter concentration for water samples obtained on R/V OCEANUS Cruise 181 (continued)

Station	Water Depth (m)	Sample Depth (dbar)	Attenuation Coefficient m^{-1}	Suspended Matter (mg/L)
37	76	1.2	0.30	0.56
		50.5	0.35	0.71
		66.6	0.77	0.35
38	89	1.3	0.58	0.81
		60.4	0.26	0.48
		84.1	0.50	0.96
39	91	60.7	0.30	0.63
		85.6	0.51	1.05
40	31	0.9	0.38	0.57
		26.9	0.27	0.45
41	67	1.6	0.22	0.34
		45.5	0.23	0.38
42	195	1.9	0.21	0.13
		49.8	0.21	0.34
		101.0	0.23	0.33
		159.3	0.21	0.41
		186.5	0.26	0.48
43	279	0.0	0.17	0.40
		49.9	0.15	0.27
		100.7	0.12	0.24
		150.3	0.11	0.20
		200.6	0.11	0.21
		248.4	0.50	0.70
		276.1	0.53	0.92
44	281	0.0	0.13	1.49[a]
		49.9	0.14	0.19
		99.9	0.13	0.21
		152.8	0.18	0.28
		200.4	0.26	0.37
		244.9	0.55	0.88
		271.5	0.71	1.26
45	231	0.0	0.11	0.26
		100.0	0.13	0.20
		150.0	0.19	0.34
		199.6	0.29	0.56
		224.6	0.35	0.58
47	195	2.3	0.11	0.13
		51.9	0.06	0.08
		99.5	0.15	0.16
		148.0	0.14	0.23
		165.5	0.14	0.28
		190.4	0.37	HIT BOTTOM
48	221	2.4	0.14	0.18
		50.1	0.10	0.19
		100.4	0.11	0.18
		150.5	0.16	0.24
		191.4	0.25	0.41
		214.0	0.44	0.92
49	195	1.9	0.13	0.22
		50.3	0.11	0.15
		101.1	0.10	0.14
		142.8	0.18	0.19
		186.5	0.35	0.69
50	207	1.8	0.12	0.20
		49.8	0.08	0.16
		102.1	0.16	0.12
		150.3	0.20	0.35
		179.6	0.23	0.43
		202.5	0.26	0.50
66	188	0.0	0.10	0.24
67	197	0.0	0.10	0.11
68	191	0.0	0.10	0.18
69	206	2.3	0.12	0.18
		199.9	0.82	1.53
70	242	0.0	0.11	0.10
		232.7	0.84	1.81
71	286	0.0	0.10	0.12
		52.5	0.10	0.13
		100.6	0.09	0.15
		200.6	0.38	0.68
		259.4	0.68	1.25
		277.8	0.87	1.79

Table 6. Suspended matter concentration for water samples obtained on R/V OCEANUS Cruise 181 (continued)

Station	Water Depth (m)	Sample Depth (dbar)	Attenuation Coefficient m^{-1}	Suspended Matter (mg/L)
72	252	0.0	0.13	0.16
		50.7	0.12	0.17
		103.0	0.10	0.11
		151.2	0.19	0.36
		198.2	0.25	0.18
		225.1	0.26	0.42
		243.8	0.69	1.67[b]
73	202	1.6	0.13	0.12
		49.7	0.09	0.13
		99.8	0.09	0.13
		149.3	0.11	0.20
		174.1	0.30	0.63
		192.3	0.47	1.60[b]
74	200	2.1	0.12	0.15
		50.7	0.06	0.17
		99.5	0.12	0.14
		148.9	0.26	0.39
		169.7	0.36	0.58
		193.4	0.50	1.78[b]
75	213	2.2	0.11	0.18
		51.0	0.07	0.15
		99.6	0.12	0.14
		150.5	0.12	0.20
		185.9	0.17	0.32
		206.4	0.17	0.33
76	267	3.3	0.09	0.16
		50.2	0.08	0.20
		100.4	0.11	0.09
		149.8	0.11	0.14
		199.5	0.15	0.34
		223.0	0.19	0.44
77	225	2.8	0.09	0.11
		51.3	0.08	0.26
		100.6	0.06	0.15
		150.5	0.09	0.12
		189.7	0.13	0.27
		213.5	0.14	0.38
78	265	3.2	0.08	0.06
		50.3	0.07	0.11
		100.8	0.04	0.05
		150.3	0.06	0.10
		202.1	0.06	0.12
		257.7	0.13	0.28
79	228	2.6	0.16	0.20
		52.3	0.10	0.15
		102.5	0.04	0.11
		153.1	0.02	0.08
		201.0	0.00	0.05
		217.6	0.01	0.09
80	103	2.0	0.10	0.12
		51.3	0.10	0.12
		75.5	0.09	0.11
		95.4	0.06	0.11
81	246	2.8	0.11	0.18
		51.6	0.08	0.08
		101.0	0.05	0.11
		149.7	0.03	0.08
		199.9	0.01	0.07
		235.8	0.01	0.09
82	211	2.0	0.12	0.14
		52.0	0.07	0.12
		139.7	0.06	0.11
		171.4	0.07	0.09
		201.9	0.05	0.25
83	93	2.0	0.12	0.12
		49.3	0.08	0.16
		85.1	0.08	0.10
84	260	51.4	0.09	0.11
		99.3	0.04	0.08
		150.2	0.03	0.17
		197.4	0.02	0.07
		221.8	0.02	0.09
		253.0	0.03	0.09

Table 6. Suspended matter concentration for water samples obtained on R/V OCEANUS Cruise 181 (continued)

Station	Water Depth (m)	Sample Depth (dbar)	Attenuation Coefficient m^{-1}	Suspended Matter (mg/L)
85	335	4.4	0.11	0.14
		51.8	0.07	0.08
		247.8	0.04	0.09
		298.2	0.06	0.22
		325.8	0.08	0.13
86/87	328	0.0	0.12	0.20
		51.2	0.07	0.16
		104.0	0.05	0.05
		149.6	0.17	0.06
		197.8	0.26	0.10
		246.0	0.25	0.17
		295.4	0.25	0.24
		312.2	0.29	0.68
		319.0	0.29	0.84
88	280	1.9	----	0.12
		53.3	0.05	----
		102.9	0.06	0.07
		152.8	0.10	0.13
		201.8	0.13	0.20
		248.7	0.19	0.35
		271.6	0.20	0.32
89	235	0.0	0.09	0.18
		98.4	0.06	0.08
		128.3	0.13	0.17
		149.3	0.11	0.16
		201.5	0.18	0.35
		226.6	0.34	0.46
90	208	1.9	0.13	0.14
		51.2	0.11	0.10
		100.1	0.08	0.12
		150.1	0.22	0.34
		175.0	0.24	0.33
		200.0	0.35	0.77
91	282	0.0	0.13	0.10
		50.6	0.22	0.11
		103.0	0.37	0.59
		150.8	0.37	0.09
		198.5	0.21	0.59
		250.7	0.51	0.72
92	283	0.0	0.11	0.16
		50.2	0.11	0.16
		99.8	0.11	0.16
		149.2	0.19	0.20
		199.8	0.15	0.26
		259.6	0.37	0.49
		276.4	0.90	1
93	261	0.0	0.14	0.18
		49.5	0.12	0.17
		99.8	0.10	0.16
		149.9	0.28	0.51
		203.8	0.15	0.23
		235.9	0.49	0.69
		253.5	0.79	1.17
94	231	1.0	0.14	0.13
		51.2	0.12	0.11
		125.3	0.14	0.20
		149.9	0.08	0.13
		200.6	0.24	0.26
		224.7	0.92	1.15
95	157	1.9	0.13	0.19
		52.7	0.10	0.18
		102.0	0.12	0.20
		120.8	0.40	0.19
		150.5	0.25	0.30

[a] euphasid
[b] may have hit bottom

Table 7. Nutrient data for R/V Oceanus Cruise 181, February 5-15, 1987.

Station	Sample Depth (dbar)	PO_4 (μM)	NO_3+NO_2 (μM)	S_1O_4 (μM)
1	2.7	0.87	9.86	10.33
	24.8	0.80	9.65	10.37
2	3.0	0.83	10.23	11.12
	35.6	0.87	10.47	11.02
	31.4	0.86	10.51	11.38
3	56.3	0.92	10.42	11.54
4	0.9	0.93	10.74	11.81
	49.6	0.90	10.53	11.59
	96.4	0.90	10.69	11.53
	122.9	0.97	11.01	11.57
5	50.4	0.96	10.76	11.30
	100.6	0.89	10.58	11.25
	136.8	0.96	10.73	11.26
	158.1	0.95	10.90	11.01
6	0.0	0.66	9.07	6.94
	49.1	0.75	10.06	9.55
	101.2	0.79	10.13	9.45
	117.7	0.84	10.29	9.39
7	2.6	0.74	10.49	9.69
	51.2	0.73	9.09	8.07
	101.3	0.71	8.16	7.71
	118.9	0.88	10.37	9.82
	143.3	0.67	8.05	7.47
8	1.5	0.63	7.58	7.18
	51.0	0.72	10.45	9.80
	101.6	0.82	9.62	8.79
	141.1	0.68	8.68	8.10
	166.3	0.87	10.47	9.64
9	2.3	0.84	9.93	8.93
	51.0	0.84	9.83	8.90
	58.4	0.78	9.67	9.10
10	2.7	0.89	9.74	9.49
	51.1	0.89	9.96	9.58
	100.9	0.84	0.08	9.53
	145.0	0.86	10.21	9.60
11	3.8	0.85	9.68	8.97
	49.7	0.82	9.38	8.83
	100.1	0.84	10.36	9.63
	150.4	0.92	10.54	9.74
	200.2	1.39	17.14	17.27
	211.0	1.36	17.15	17.72
12	2.0	0.89	10.65	10.04
	49.1	0.89	10.83	10.15
	99.5	0.82	10.83	10.42
	149.5	1.16	13.55	15.50
	160.2	1.20	14.02	15.90
	181.8	1.28	15.37	16.66
13	1.8	0.98	10.92	11.28
	52.2	0.98	11.25	11.44

Table 7. Nutrient data for R/V Oceanus Cruise 181, February 5-15, 1987. (continued).

Station	Sample Depth (dbar)	PO_4 (μM)	NO_3+NO_2 (μM)	S_1O_4 (μM)
13	101.4	1.00	11.53	11.55
	136.7	1.06	12.28	12.57
	154.2	1.18	14.13	15.53
14	2.8	0.87	11.16	10.73
	52.3	0.92	10.95	10.81
	102.0	0.98	11.38	11.32
	151.0	1.18	13.52	15.28
	176.9	1.17	13.71	15.33
15	1.9	0.68	8.45	8.21
	50.9	0.96	11.29	11.19
	100.8	0.90	11.15	11.04
	140.2	0.99	11.96	11.85
	165.4	1.24	14.78	16.85
16	1.6	0.87	10.96	10.79
	50.6	0.90	11.11	10.82
	97.8	0.93	11.11	10.87
	147.8	0.89	11.08	10.70
	168.5	1.25	15.19	17.88
	193.3	1.31	15.83	19.12
17	1.5	0.76	9.66	8.87
	50.0	0.94	10.52	9.88
	94.4	1.05	12.49	12.55
	143.3	1.32	15.33	17.83
	168.3	1.41	16.35	19.40
18	52.1	0.77	8.82	8.20
	101.0	0.78	9.01	7.96
	150.8	1.25	15.32	17.13
	192.5	1.32	16.06	18.65
19	4.0	0.81	8.19	7.79
	50.7	0.77	9.93	8.92
	100.3	0.90	10.84	9.78
	150.1	1.14	14.57	13.72
	165.7	1.26	15.44	17.34
	191.0	1.65	19.65	19.89
20	3.0	0.65	7.62	7.46
	50.1	0.76	9.09	8.49
	108.3	1.01	12.03	10.79
	149.1	1.11	13.96	13.60
	174.4	1.28	15.46	17.12
21	3.5	0.75	8.22	7.72
	98.8	0.80	10.33	9.47
	150.1	1.20	14.86	15.71
	161.7	1.19	15.06	16.24
22	3.5	0.70	8.35	7.92
	50.5	0.75	10.19	9.29
	77.9	0.96	11.51	10.65
	151.7	1.16	14.49	15.30
23	2.6	0.79	8.87	8.04

Table 7. Nutrient data for R/V Oceanus Cruise 181, February 5-15, 1987. (continued).

Station	Sample Depth (dbar)	PO_4 (μM)	NO_3+NO_2 (μM)	S_1O_4 (μM)
23	50.6	0.84	9.42	8.48
	60.9	0.81	9.14	8.55
	86.4	0.88	9.96	9.38
24	1.1	0.80	8.72	7.90
	50.7	0.83	9.89	8.97
	100.8	0.89	9.99	9.58
	100.8	0.90	10.09	9.73
	150.1	0.96	10.89	11.04
	172.9	0.93	11.17	11.22
25	2.0	0.85	9.61	8.98
	50.3	0.90	0.61	8.92
	100.7	0.93	10.32	9.32
	135.3	0.95	11.01	0.70
	159.8	1.02	11.70	12.30
26	1.0	0.78	9.44	8.48
	51.6	0.81	9.45	8.50
	101.4	0.95	10.86	10.55
	151.8	1.15	13.17	13.31
	201.3	1.48	17.32	20.81
	227.0	1.49	17.37	21.60
27	1.6	0.84	10.84	9.96
	51.8	0.78	11.41	10.38
	101.9	0.83	11.73	10.95
	151.7	0.78	11.64	11.32
	201.9	1.47	17.52	21.17
	251.6	1.52	17.87	22.45
	266.7	1.53	17.85	23.32
28	1.7	0.70	10.64	9.53
	51.8	0.77	10.91	9.63
	101.5	0.68	10.92	9.88
	151.0	0.98	14.09	14.49
	200.6	1.06	17.88	19.39
	225.9	1.28	18.69	22.27
	245.3	1.29	18.61	23.13
29	2.4	0.65	9.90	9.36
	49.3	0.61	9.49	9.26
	100.4	0.74	10.88	9.96
30	2.4	0.68	10.61	11.00
	50.6	0.72	10.74	10.99
	99.7	0.61	10.41	11.16
	150.3	0.70	10.67	10.55
	162.0	0.75	11.07	11.06
31	1.8	0.68	10.37	11.05
	50.8	0.68	10.31	11.21
	100.8	0.68	10.41	11.07
	134.4	0.69	10.36	11.14
32	1.9	0.70	9.70	10.66
	59.0	0.72	0.36	11.71

Table 7. Nutrient data for R/V Oceanus Cruise 181, February 5-15, 1987. (continued).

Station	Sample Depth (dbar)	PO_4 (μM)	NO_3+NO_2 (μM)	S_1O_4 (μM)
33	1.7	0.89	10.42	12.19
	13.5	0.79	10.38	11.84
34	2.2	1.03	10.81	12.56
	20.8	0.83	10.52	12.17
35	1.0	0.75	10.14	12.07
	31.9	0.76	10.41	12.58
36	1.7	0.73	10.41	12.10
	23.1	0.73	10.48	12.40
	38.9	0.68	10.54	12.79
37	1.4	0.75	10.46	12.44
	50.7	0.69	10.50	12.75
	66.8	0.78	10.36	13.49
38	1.5	0.76	10.75	14.51
	51.0	0.64	10.59	12.64
38	60.6	0.75	10.43	12.67
	84.3	0.77	10.81	13.35
39	1.4	0.72	10.74	13.51
	50.7	0.71	10.67	12.61
	60.9	0.61	10.40	12.50
	85.8	0.60	10.42	12.85
40	1.0	0.60	10.38	12.96
	27.0	0.62	10.28	11.81
41	1.7	0.55	8.49	9.77
	45.6	0.65	10.53	11.79
	62.3	0.68	10.47	11.83
42	2.2	0.56	9.09	10.93
	50.1	0.55	9.88	11.41
	101.3	0.55	9.12	10.21
	159.6	0.57	9.64	10.36
	186.8	0.60	10.86	11.49
43	1.9	0.70	10.09	10.98
	50.1	0.60	9.43	9.85
	100.9	0.71	10.50	10.98
	150.5	0.62	9.96	10.57
	200.8	1.07	15.63	18.04
	248.6	1.11	16.45	22.07
	271.3	1.24	17.96	25.47
44	1.6	0.76	11.25	12.06
	50.7	0.57	11.11	11.96
	100.2	0.74	11.00	11.93
	153.1	0.79	12.77	14.33
	201.1	1.29	18.14	23.07
	245.3	1.30	18.05	24.63
	271.8	1.25	17.81	25.19
45	0.2	0.58	9.11	9.04
	100.3	0.73	11.30	11.38
	150.2	0.85	13.09	14.89
	199.9	1.13	16.58	21.24

Table 7. Nutrient data for R/V Oceanus Cruise 181, February 5-15, 1987. (continued).

Station	Sample Depth (dbar)	PO_4 (μM)	NO_3+NO_2 (μM)	S_1O_4 (μM)
45	224.9	1.18	16.97	22.28
46	2.3	0.55	8.51	8.33
	51.5	0.60	9.95	9.64
	100.4	0.65	10.78	10.44
	149.4	0.95	15.14	16.06
	173.9	0.96	15.41	16.20
	199.3	1.04	16.17	19.02
48	2.7	0.76	6.97	6.74
	50.4	0.70	10.12	9.78
	100.7	0.79	9.95	10.39
	150.8	0.93	12.26	11.95
	191.7	0.78	14.68	14.51
	214.3	0.95	16.61	17.04
49	2.4	0.71	7.65	7.87
	50.8	0.75	8.81	8.81
	101.6	0.73	11.42	11.75
	143.3	1.01	12.07	13.92
	187.0	1.35	16.33	20.19
50	2.1	0.78	8.90	9.74
	50.1	0.86	9.89	9.58
	102.4	0.97	11.30	11.48
	150.6	1.25	16.15	17.46
	179.9	1.10	17.92	16.48
	202.8	1.38	18.32	16.35
66	1.2	0.83	8.15	8.08
67	1.4	0.78	7.28	7.59
68	1.2	0.79	8.10	8.08
69	2.5	0.55	6.82	7.57
	200.1	1.31	16.64	19.63
71	2.2	0.55	6.70	7.13
	52.7	0.72	9.66	8.30
	200.8	1.23	16.52	18.06
	259.6	1.27	16.99	19.28
	278.0	1.21	17.24	19.52
72	2.6	0.63	6.21	7.77
	50.9	0.41	6.28	6.93
	103.2	0.62	9.99	9.92
	151.5	0.82	13.96	14.42
	198.4	0.90	15.63	16.73
	225.3	1.24	16.22	17.58
	244.0	1.16	16.73	19.73
73	1.8	0.60	6.40	7.00
	49.9	0.65	6.75	7.10
	100.0	0.93	12.67	11.15
	149.5	1.13	14.51	13.39
	174.3	1.26	16.32	16.36
	192.5	1.27	16.60	15.58
74	2.3	0.52	6.52	7.11

Table 7. Nutrient data for R/V Oceanus Cruise 181, February 5-15, 1987. (continued).

Station	Sample Depth (dbar)	PO_4 (μM)	NO_3+NO_2 (μM)	S_1O_4 (μM)
74	50.9	0.60	7.48	7.46
	99.7	1.03	14.07	13.87
	149.1	1.19	15.47	15.84
	169.9	0.99	16.72	14.56
	193.6	1.32	17.73	14.58
75	2.3	0.62	6.62	7.13
	51.1	0.67	8.36	8.27
	99.7	0.97	13.15	13.06
	150.6	1.03	17.50	14.19
	186.0	1.22	18.08	14.46
	206.5	1.22	17.99	14.91
76	3.5	0.60	8.79	8.04
	100.6	0.83	11.57	10.92
	150.0	1.00	15.83	13.65
	199.7	1.24	18.69	14.72
	223.2	1.21	19.07	15.28
77	3.0	0.64	8.36	8.38
	51.5	0.51	8.27	8.23
	100.8	0.70	10.90	10.33
	150.7	1.21	18.55	14.97
	189.9	1.20	18.82	14.85
	213.7	1.15	17.95	14.23
78	3.4	0.68	7.20	7.60
	50.4	0.75	8.22	8.24
	101.0	0.96	11.79	14.61
	150.6	1.25	17.47	10.64
	202.4	1.24	18.87	14.15
	257.9	1.24	19.65	15.03
79	2.6	0.61	5.43	6.40
	52.3	0.50	5.51	6.28
	102.5	0.73	10.72	9.47
	153.1	1.13	16.66	12.14
	201.0	1.51	21.30	14.97
	217.6	1.57	21.00	15.08
80	2.0	0.58	5.38	6.55
	51.3	0.57	5.43	6.64
	75.5	0.63	6.66	7.06
	95.4	0.93	12.16	10.00
81	2.9	0.55	5.52	6.50
	51.7	0.50	6.00	5.97
	101.1	0.73	9.59	8.25
	149.8	1.19	16.87	13.47
	200.0	1.33	19.02	14.31
	235.9	1.36	19.50	14.41
82	2.1	0.55	5.82	10.24
	52.1	0.46	6.54	6.61
	139.8	1.04	13.91	12.62
	171.5	1.16	16.68	13.64

Table 7. Nutrient data for R/V Oceanus Cruise 181, February 5-15, 1987. (continued).

Station	Sample Depth (dbar)	PO_4 (μM)	NO_3+NO_2 (μM)	S_1O_4 (μM)
82	202.0	1.38	19.94	14.55
83	2.1	0.43	5.52	6.10
	49.4	0.74	9.31	8.96
	85.2	0.90	11.09	10.17
84	2.1	0.53	5.17	6.36
	51.4	0.52	5.25	5.98
	99.3	0.75	10.12	9.57
	150.2	0.83	12.16	10.45
	197.4	1.22	18.73	13.78
	221.8	1.24	18.54	13.86
	253.0	1.31	19.38	14.32
85	4.4	0.55	5.40	6.23
	51.8	0.66	8.99	8.88
	247.8	1.38	19.39	14.24
	298.2	1.46	20.47	14.66
	325.8	1.54	20.39	14.74
86	2.2	0.57	5.16	6.19
	51.2	0.65	7.33	7.69
	149.6	1.16	16.08	12.20
	246.0	1.31	18.52	13.64
	295.4	1.34	18.81	14.48
	319.0	1.49	19.54	14.92
88	2.0	0.68	7.88	7.82
	53.4	0.71	9.40	8.85
	103.0	0.97	13.06	12.43
	152.9	1.18	16.00	15.00
	201.9	1.35	19.37	14.82
	248.8	1.41	19.76	14.86
	271.7	1.45	19.50	14.93
89	2.0	0.65	8.07	7.68
	98.5	0.74	11.44	11.19
	128.4	1.24	15.98	16.65
	149.4	1.14	16.49	14.30
	201.6	1.29	18.46	14.70
	226.7	1.36	18.94	15.20
90	2.1	0.67	7.70	7.94
	51.4	0.68	8.81	9.06
	100.3	0.84	10.84	10.93
	150.3	1.25	15.83	19.10
	175.2	1.34	17.06	18.77
	200.3	1.34	18.66	16.59
91	2.0	0.82	8.87	8.89
	51.5	0.93	9.00	11.00
	103.0	0.99	10.53	11.17
	198.5	1.65	15.98	23.72
	250.7	1.49	17.64	26.31
92	1.7	0.92	9.90	9.91
	50.3	0.88	9.64	9.84

Table 7. Nutrient data for R/V Oceanus Cruise 181, February 5-15, 1987. (continued).

Station	Sample Depth (dbar)	PO_4 (μM)	NO_3+NO_2 (μM)	S_1O_4 (μM)
92	99.9	0.93	9.84	9.81
	149.3	1.08	11.13	11.39
	199.9	1.59	16.51	20.65
	259.7	1.73	18.67	23.52
	276.5	1.78	17.76	26.14
93	2.2	0.78	8.04	8.19
	49.8	0.70	8.70	8.61
	100.1	0.80	9.78	9.36
	150.2	1.08	11.05	12.03
	204.1	1.57	15.99	19.67
	235.2	1.64	17.31	23.15
	253.8	1.65	17.95	25.13
94	1.2	0.87	8.99	7.90
	51.4	0.78	8.65	8.61
	125.5	0.90	10.05	10.50
	151.1	1.02	10.94	11.18
	200.8	1.28	14.17	16.03
	224.9	1.57	17.35	24.42
95	1.9	0.73	7.76	7.62
	52.7	0.88	9.71	9.85
	120.8	0.88	10.11	10.77
	150.5	1.17	12.81	13.20

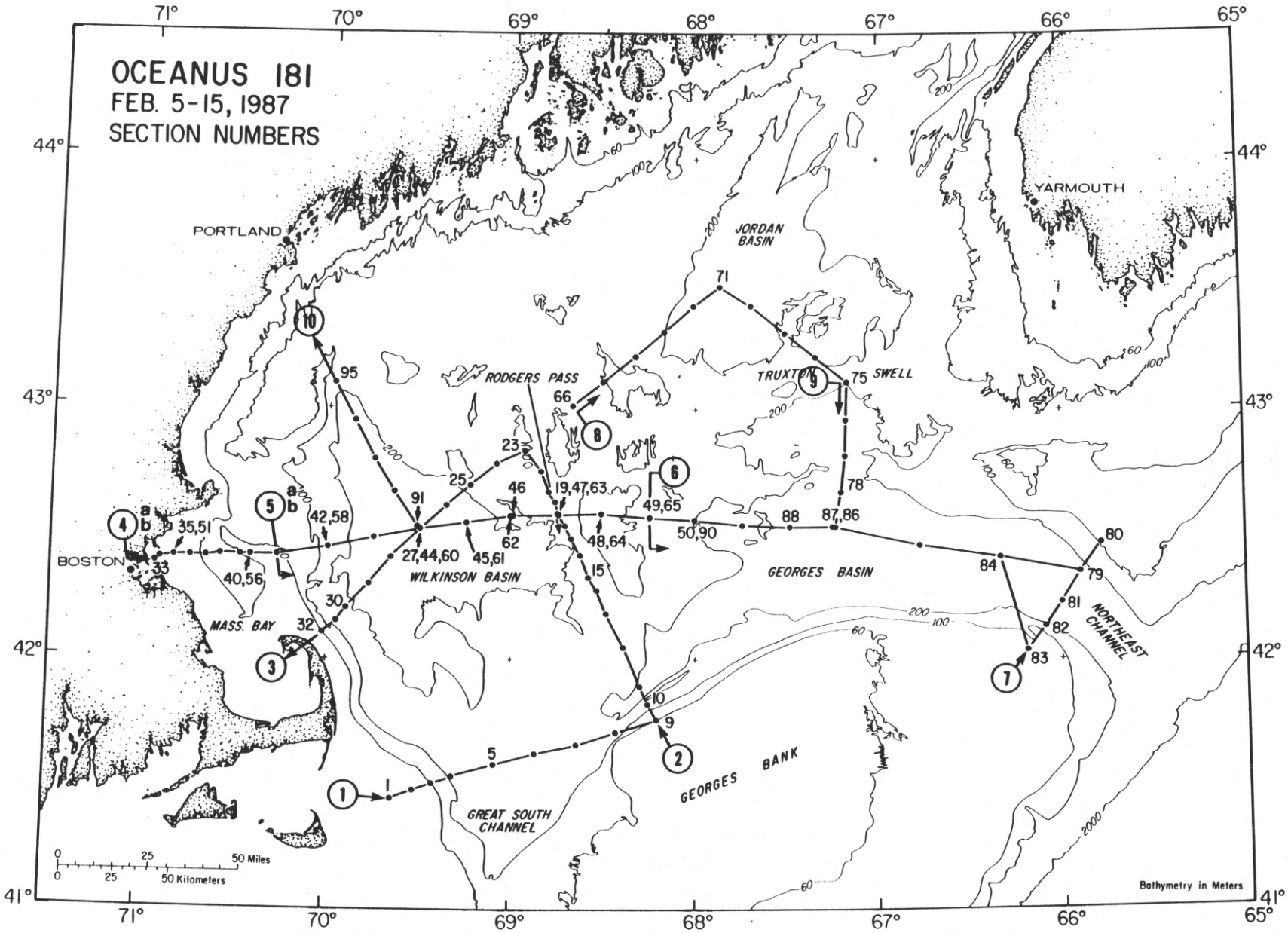
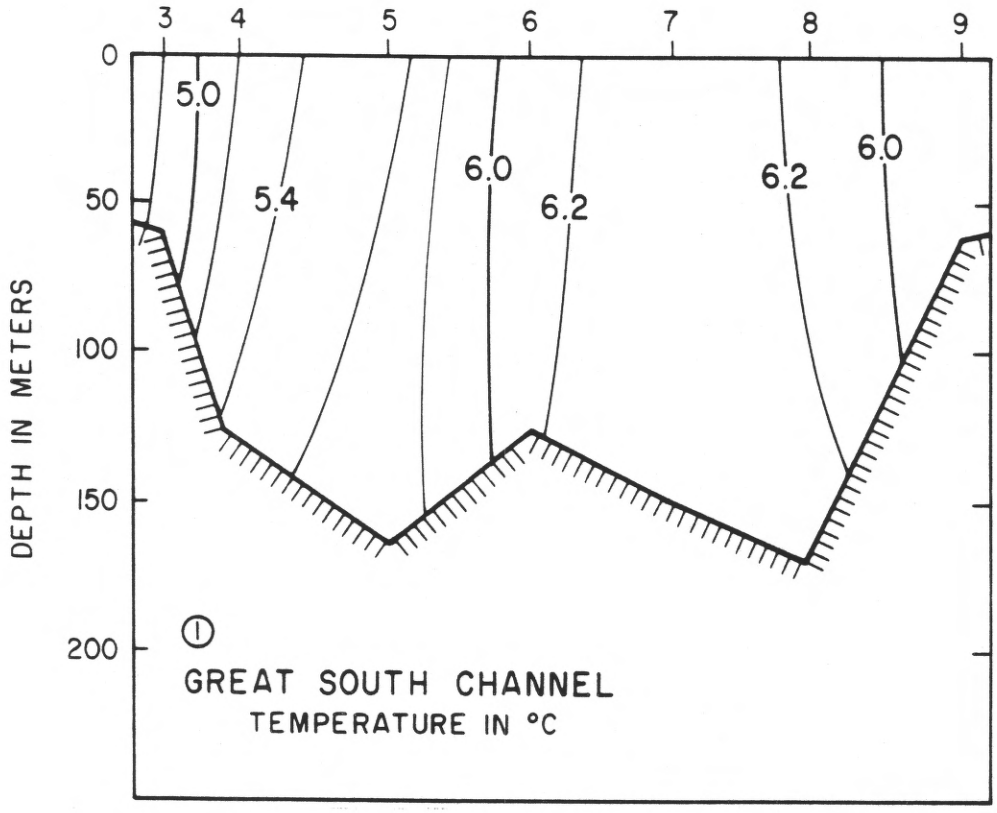


Figure 1. Location of stations in Massachusetts Bay and the Gulf of Maine occupied by the R/V OCEANUS Cruise 181, February 5-15, 1987. The circled number identifies the sections shown in figures 2 to 11.

Vertical sections

The station numbers are shown across the top of each section and the bathymetry for most sections is defined only by the depth at each station. The vertical and horizontal scales are the same for each section except section 4 in relatively shallow Massachusetts Bay where the vertical scale has been exaggerated. The contour intervals are the same for each section (0.2°C for temperature, 0.2 psu for salinity, 0.1 for sigma-t, 0.2 ml/l for oxygen and 0.05 m^{-1} for attenuation coefficient). Since the vertical scale in section 4 was changed the contour intervals for section 4 were also changed to show more detail. All sections were constructed by plotting the crossing of the isotherm, etc. and then contouring by hand.


3
4
5
6
7
8
9
0
50
100
150
200
DEPTH IN METERS
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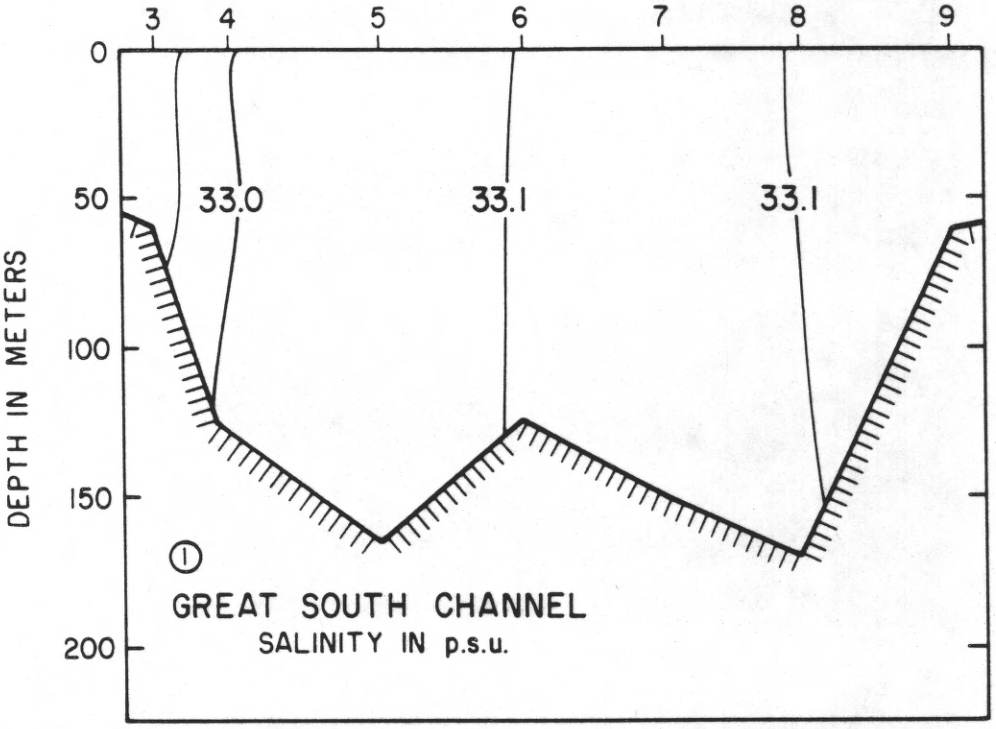
5.4
6.0
6.2
6.2
6.0
1
GREAT SOUTH CHANNEL
TEMPERATURE IN °C


3
4
5
6
7
8
9
0
50
100
150
200
DEPTH IN METERS
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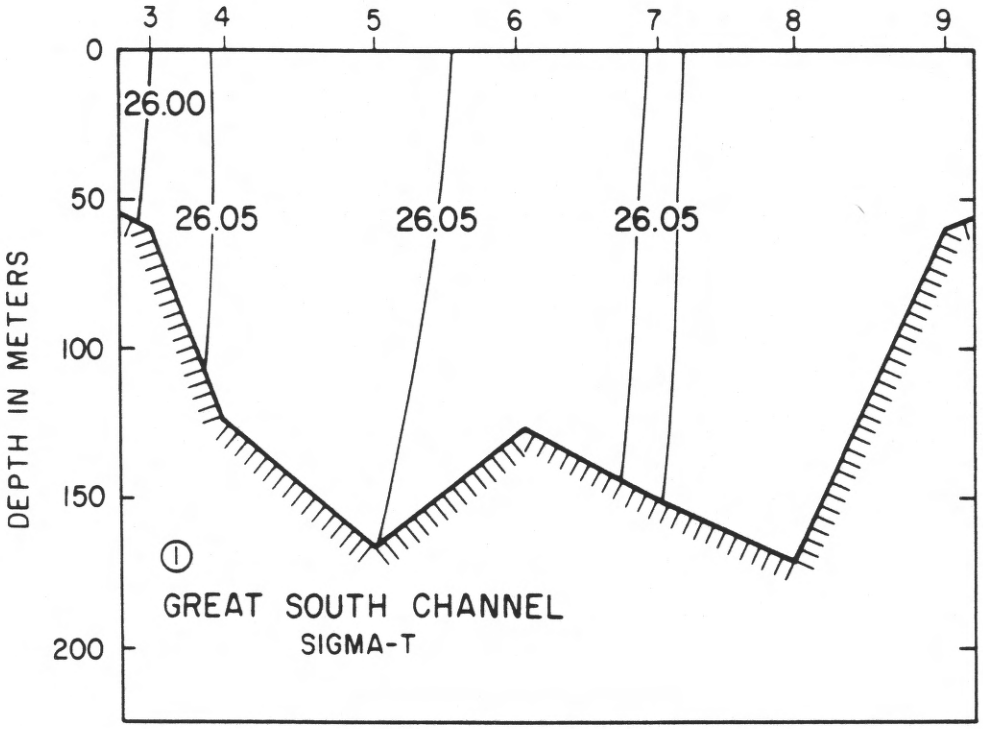
33.1
33.1
1
GREAT SOUTH CHANNEL
SALINITY IN p.s.u.


3
4
5
6
7
8
9
0
50
100
150
200
DEPTH IN METERS
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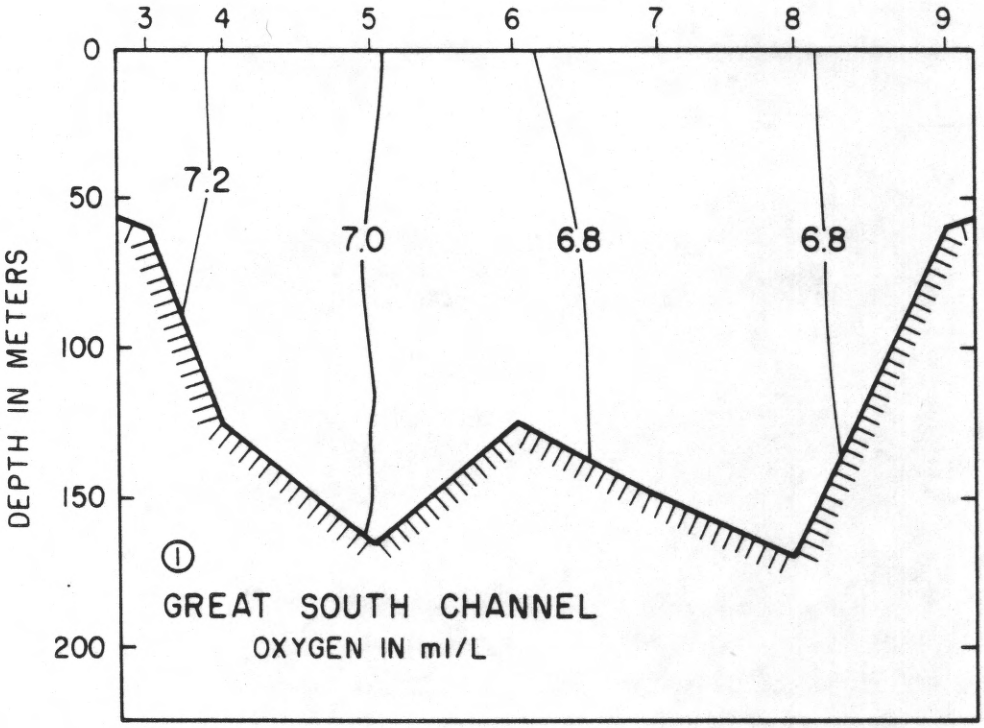
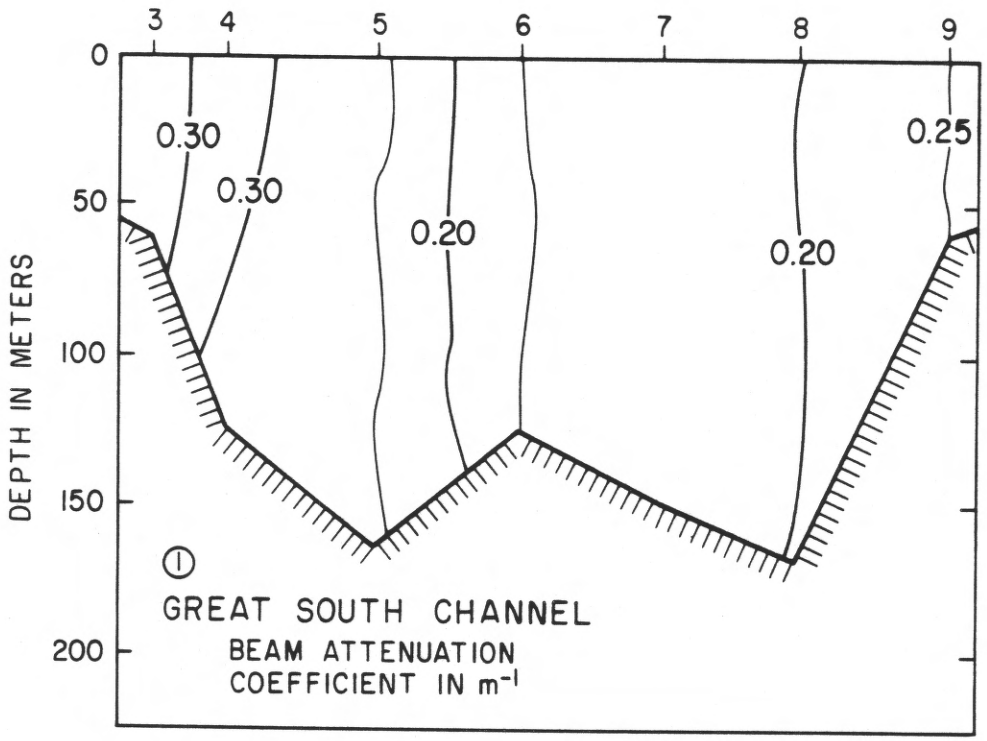
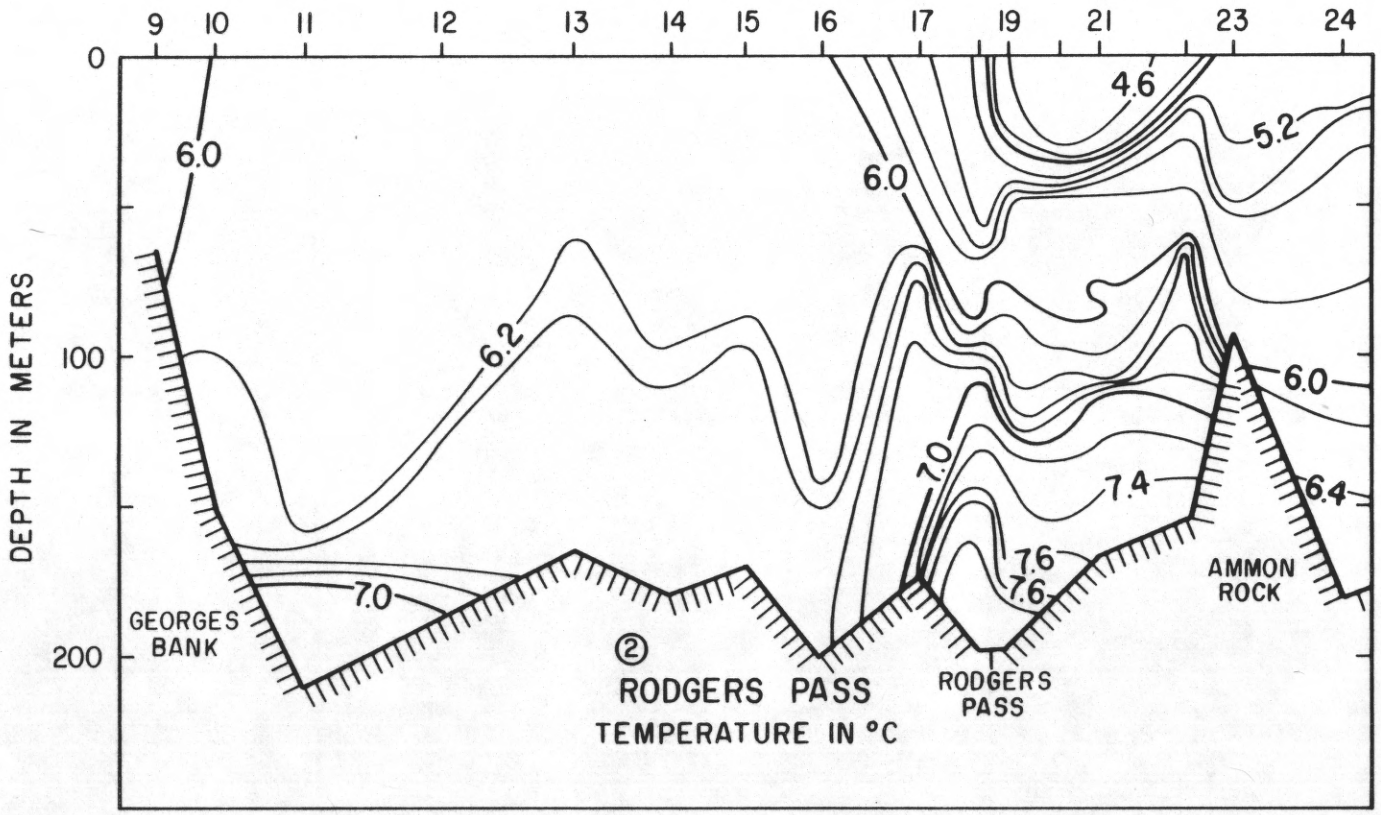
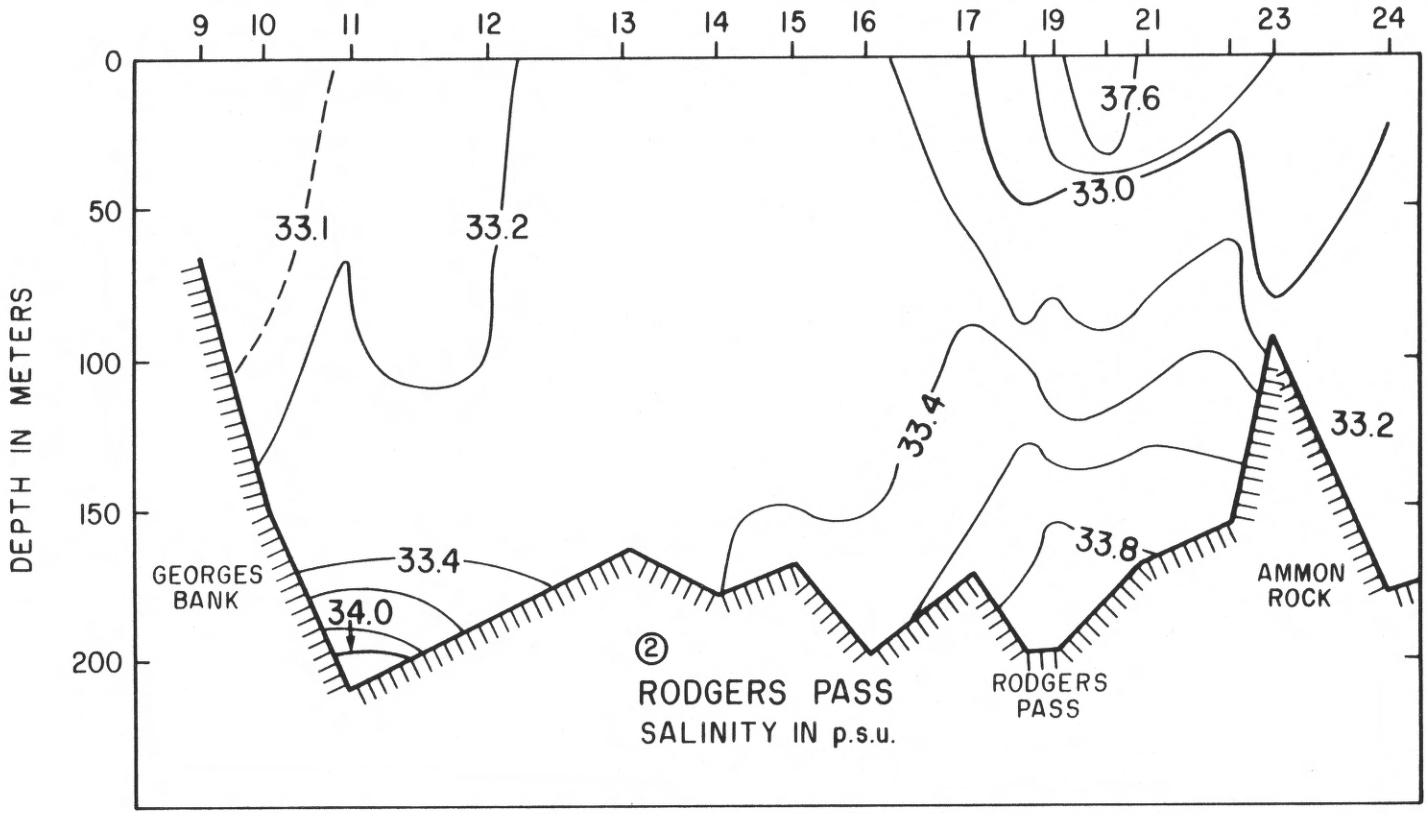
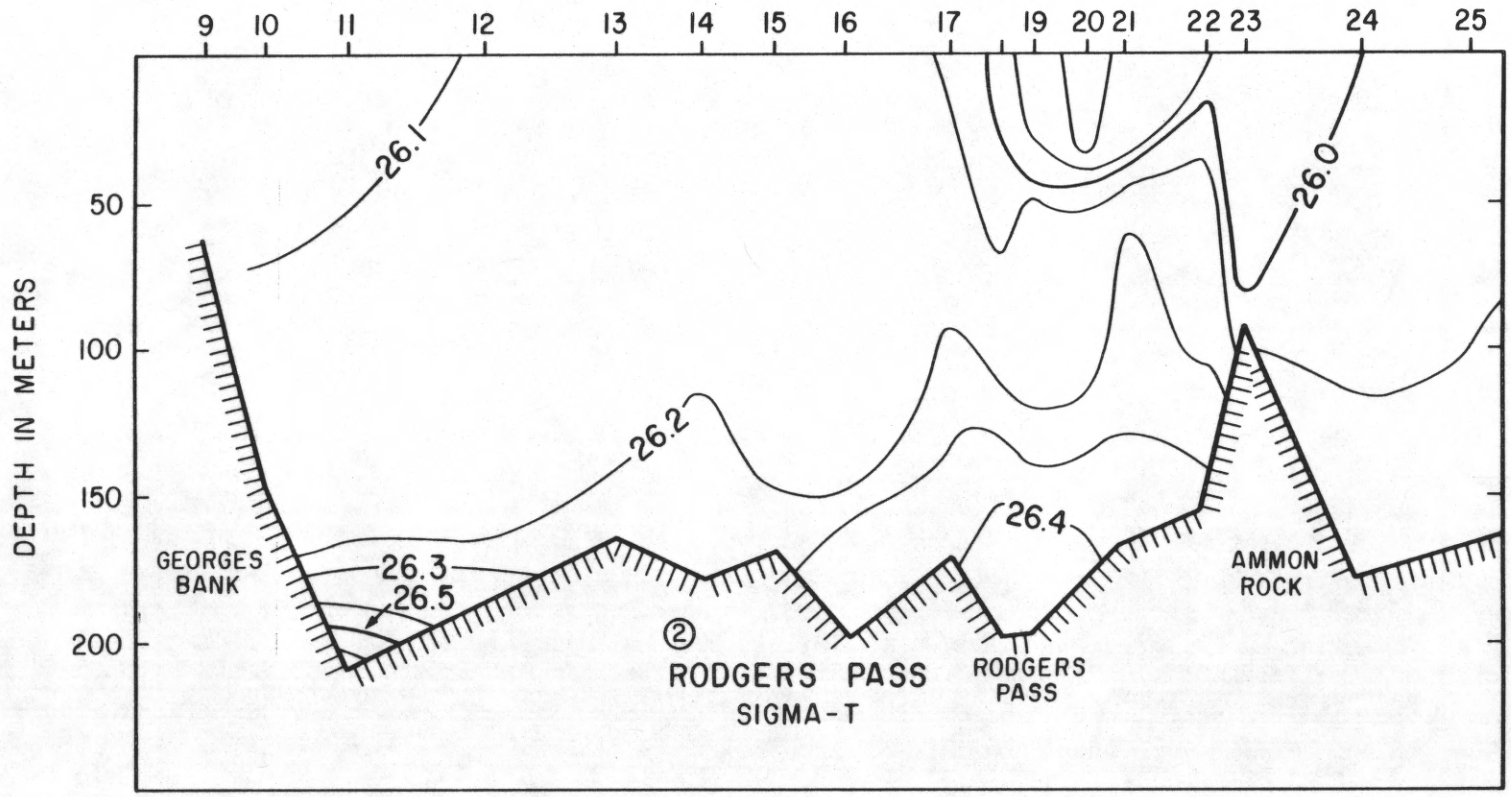
26.05
26.05
26.05
1
GREAT SOUTH CHANNEL
SIGMA-T

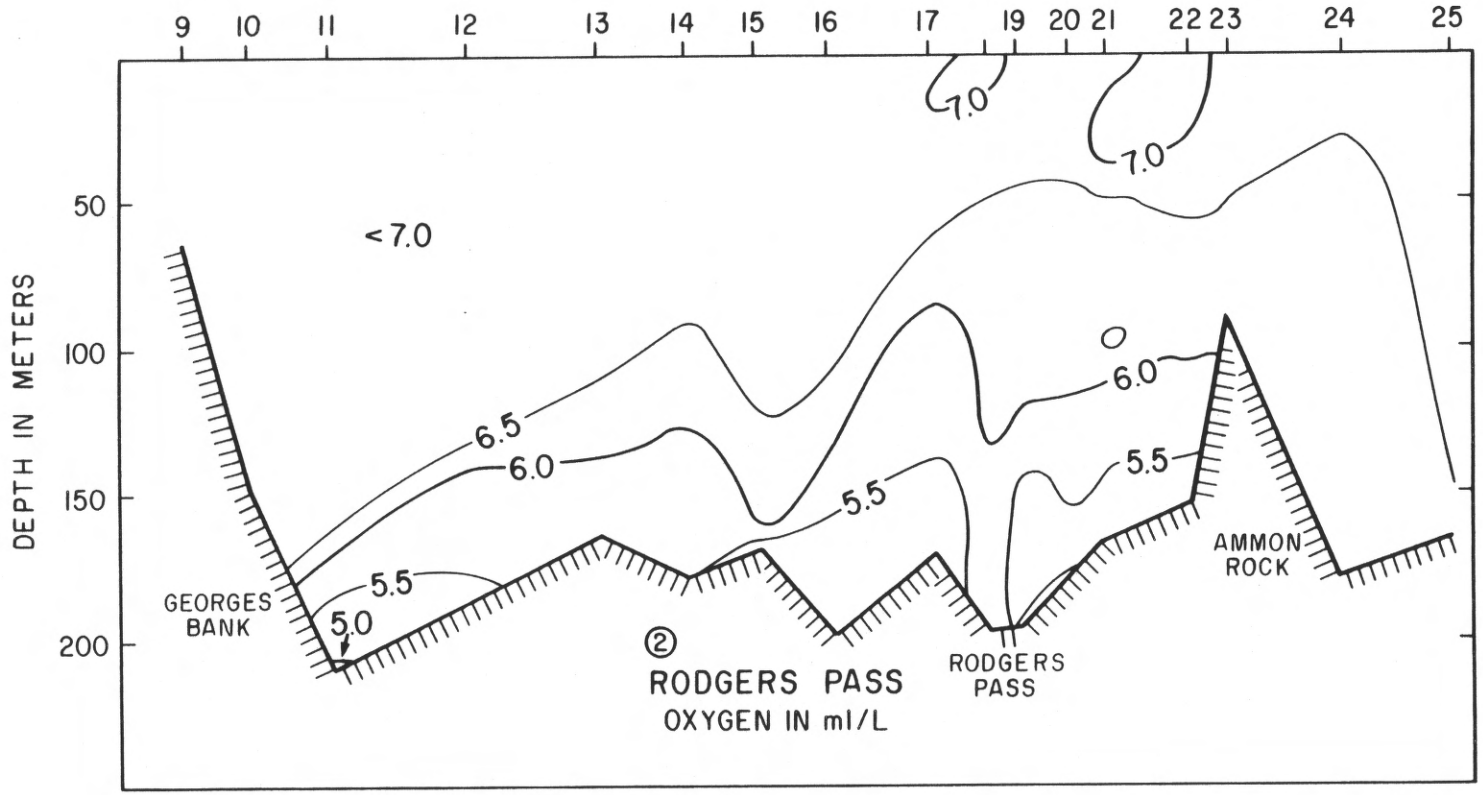

3
4
5
6
7
8
9
0
50
100
150
200
DEPTH IN METERS
7.2
7.0
6.8
6.8
1
GREAT SOUTH CHANNEL
OXYGEN IN ml/L

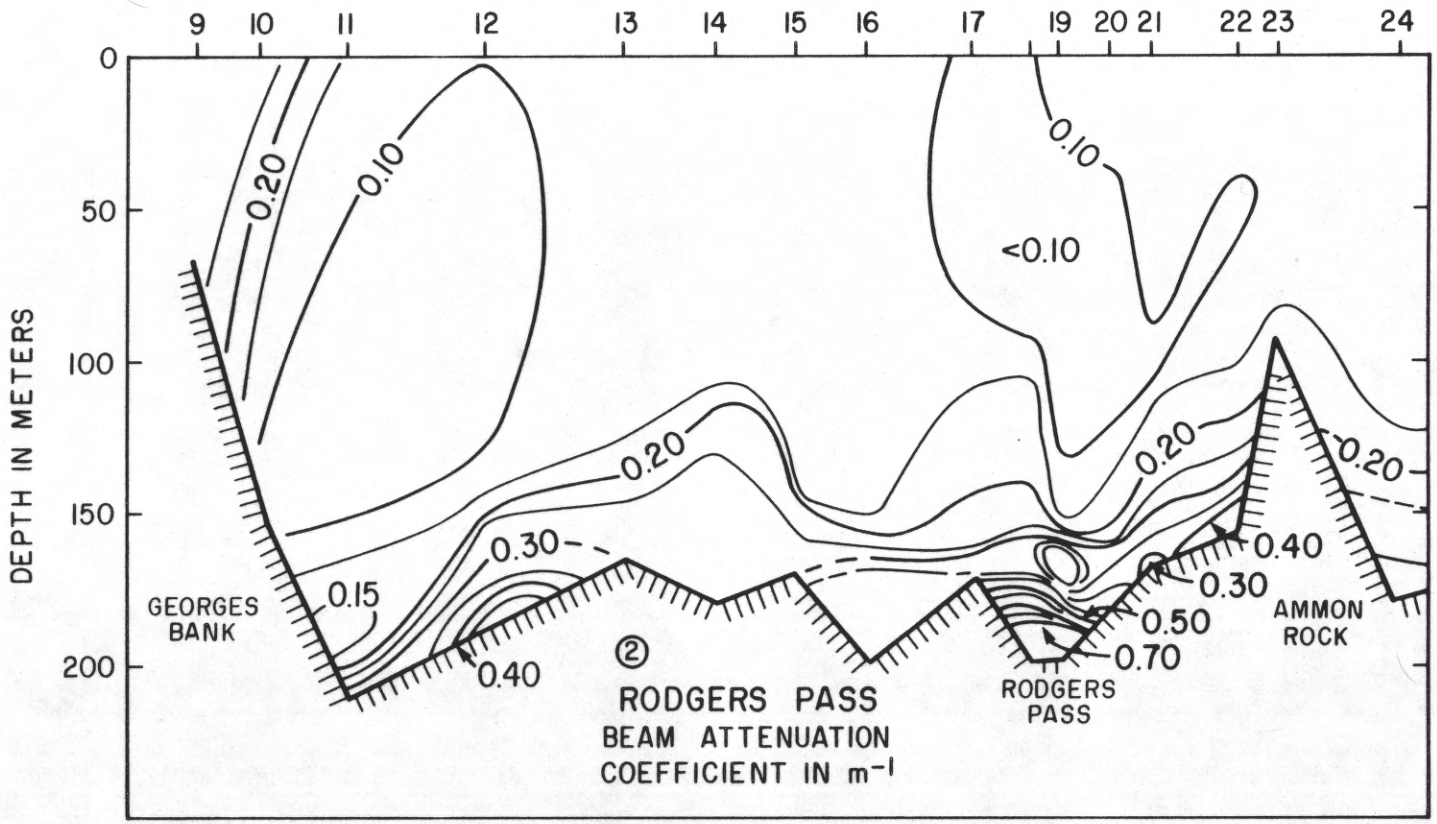

3
4
5
6
7
8
9
0
50
100
150
200
DEPTH IN METERS
0.30
0.30
0.20
0.20
0.25
1
GREAT SOUTH CHANNEL
BEAM ATTENUATION
COEFFICIENT IN m⁻¹

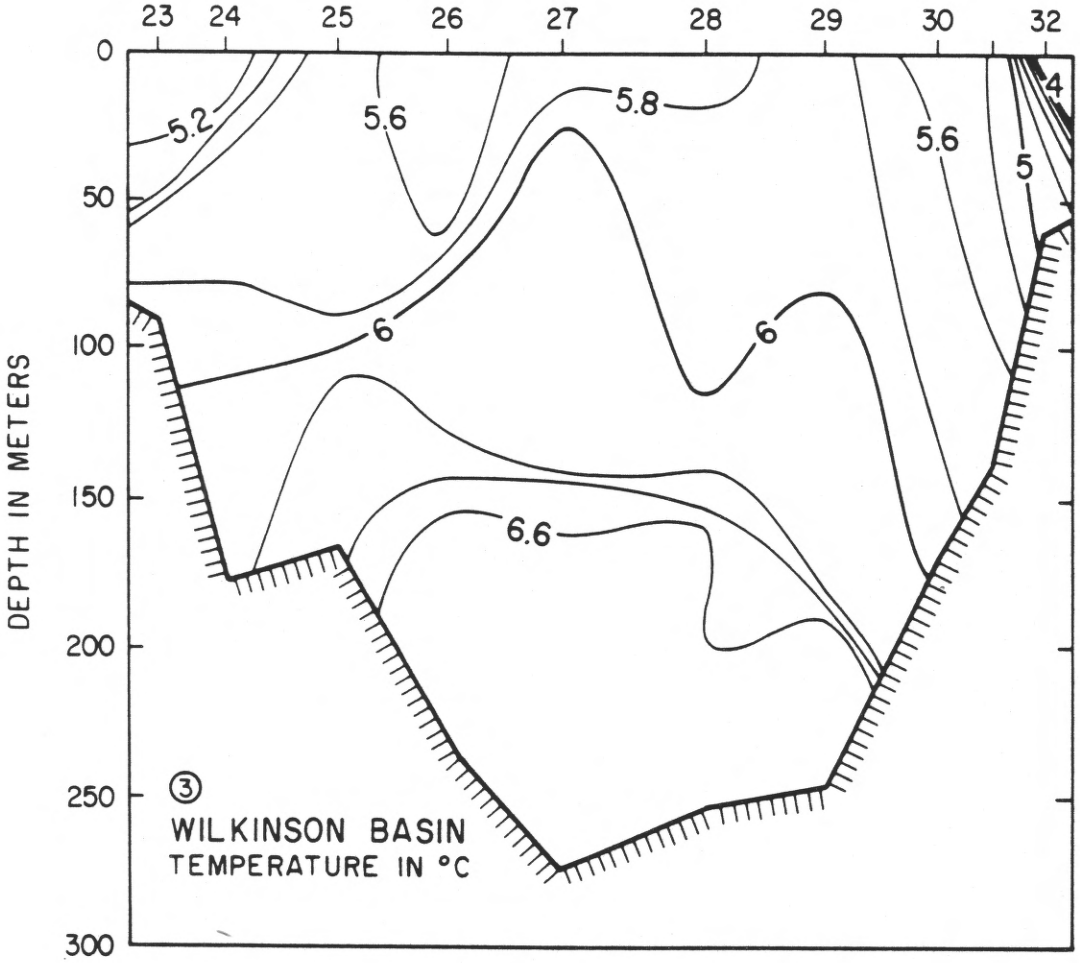

9
10
11
12
13
14
15
16
17
19
21
23
24
0
100
200
DEPTH IN METERS
6.0
6.2
7.0
6.0
4.6
5.2
6.0
7.0
7.4
7.6
7.6
6.0
6.4
GEORGES BANK
AMMON ROCK
RODGERS PASS
② RODGERS PASS
TEMPERATURE IN °C

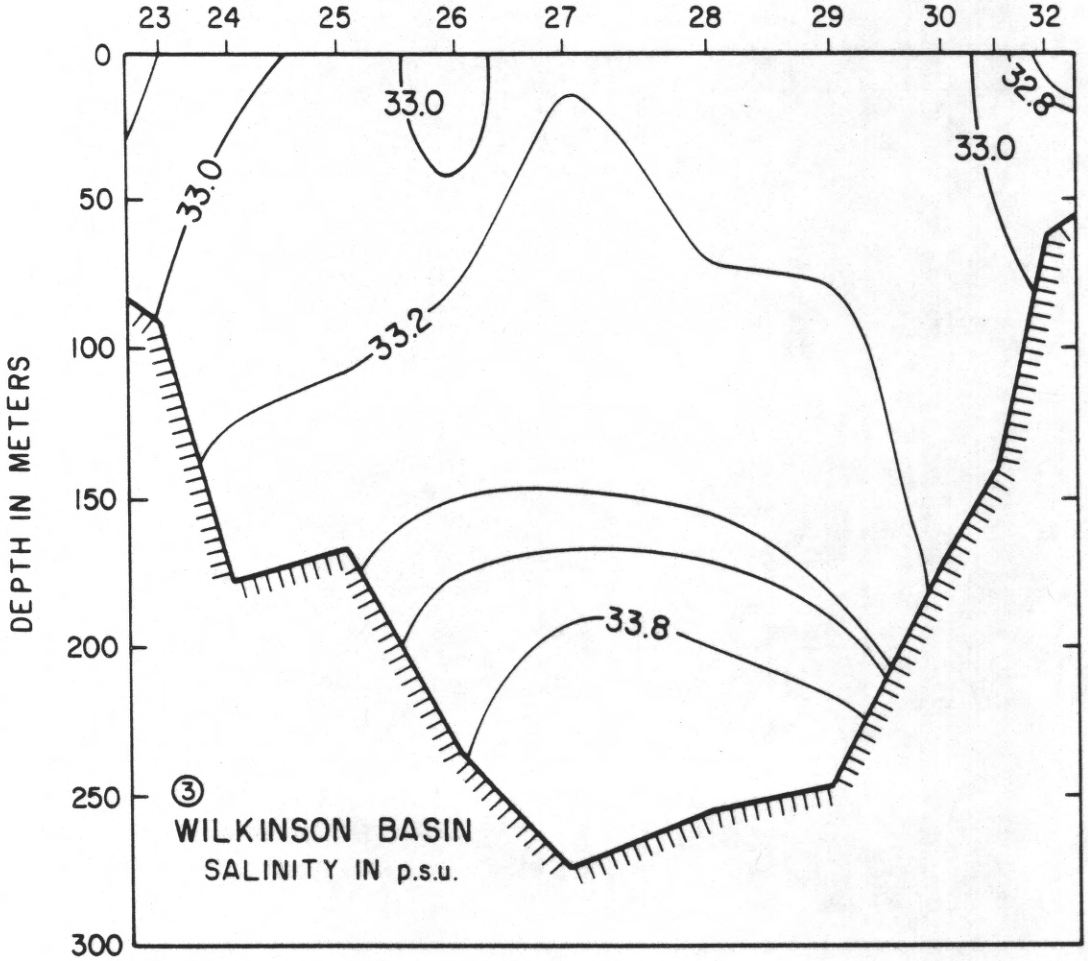

9
10
11
12
13
14
15
16
17
19
21
23
24
0
50
100
150
200
DEPTH IN METERS
33.1
33.2
37.6
33.0
33.4
33.2
33.4
34.0
33.8
GEORGES BANK
AMMON ROCK
RODGERS PASS
RODGERS PASS
SALINITY IN p.s.u.

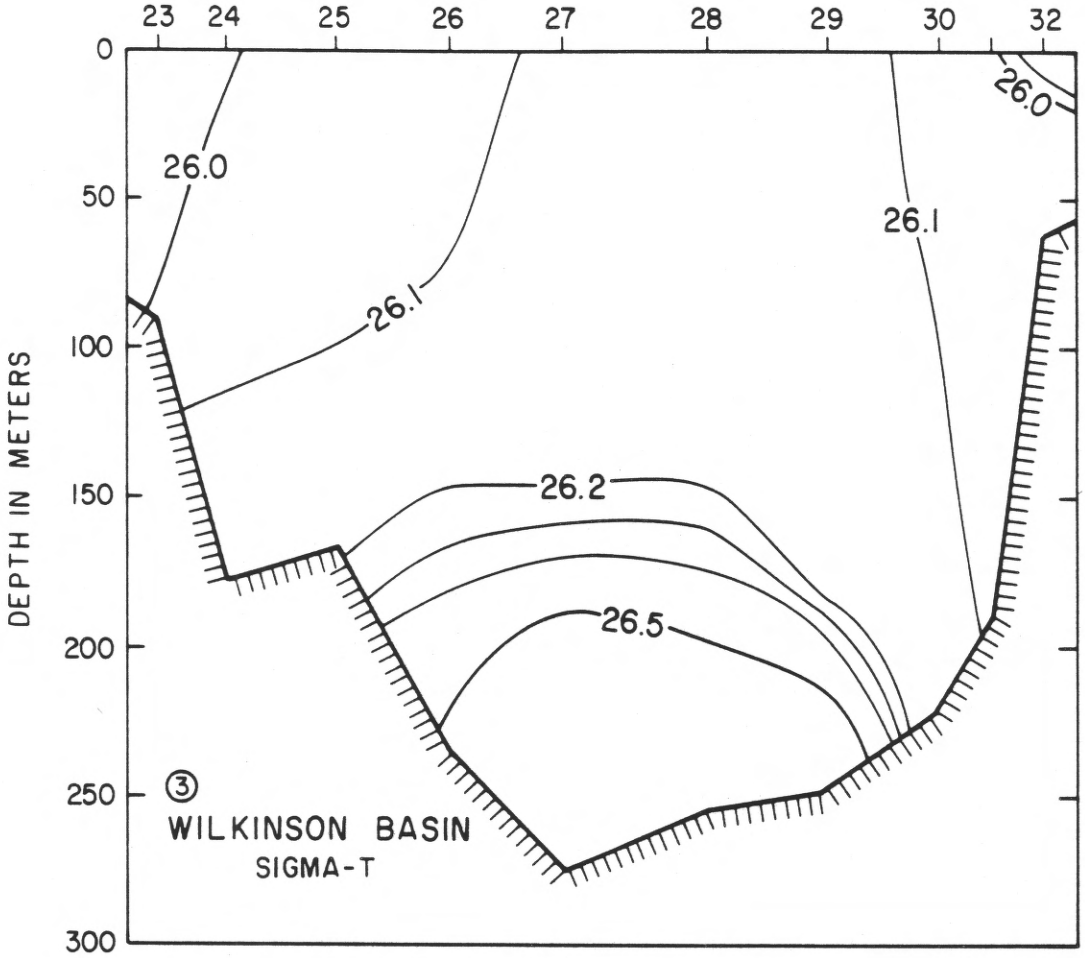

9
10
11
12
13
14
15
16
17
19
20
21
22
23
24
25
DEPTH IN METERS
50
100
150
200
26.1
26.0
26.2
26.4
26.3
26.5
GEORGES BANK
AMMON ROCK
RODGERS PASS
RODGERS PASS
SIGMA-T

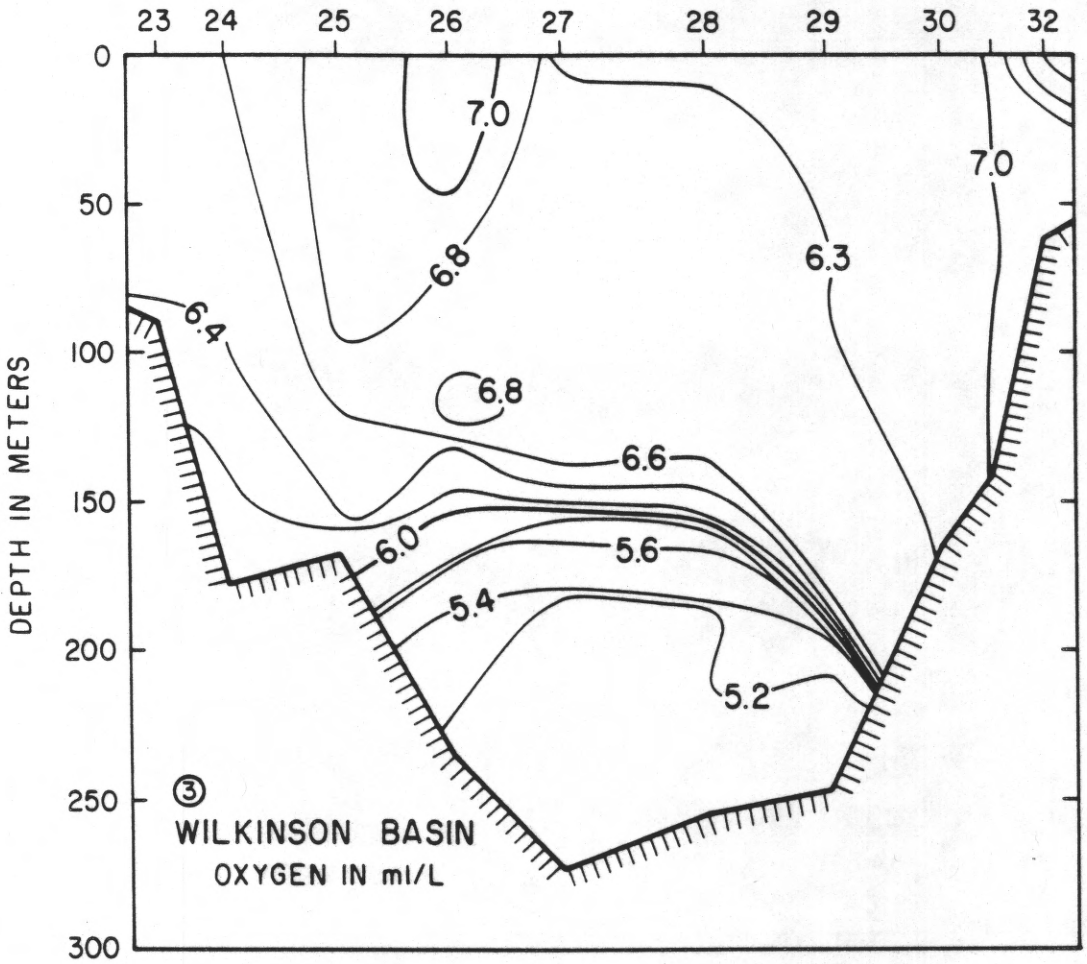

9
10
11
12
13
14
15
16
17
19
20
21
22
23
24
25
DEPTH IN METERS
50
100
150
200
<7.0
7.0
7.0
6.5
6.0
6.0
5.5
5.5
5.5
5.0
GEORGES BANK
AMMON ROCK
RODGERS PASS
② RODGERS PASS
OXYGEN IN ml/L

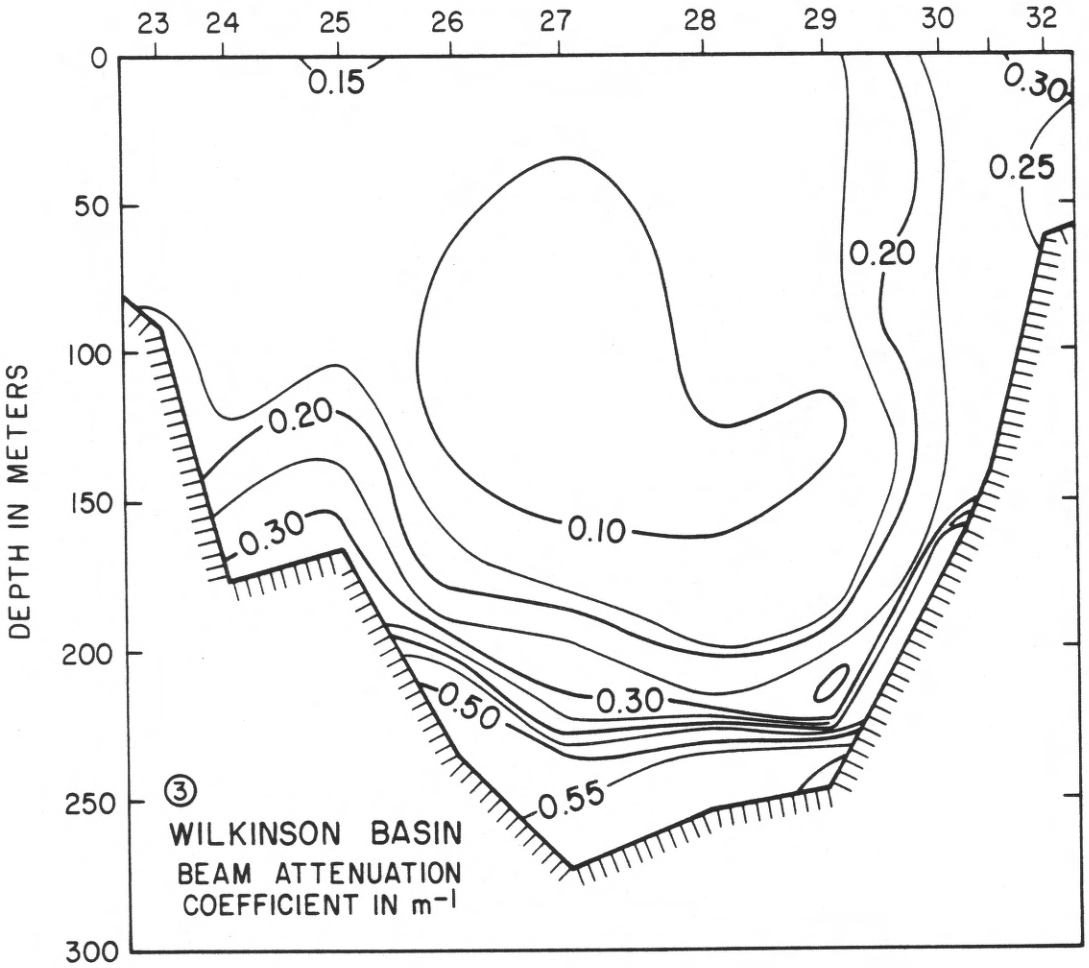

9
10
11
12
13
14
15
16
17
19
20
21
22
23
24
0
50
100
150
200
DEPTH IN METERS
0.20
0.10
0.10
<0.10
0.20
0.20
0.20
0.30
0.15
0.40
0.40
0.30
0.50
0.70
GEORGES BANK
AMMON ROCK
RODGERS PASS
②
RODGERS PASS
BEAM ATTENUATION
COEFFICIENT IN m⁻¹

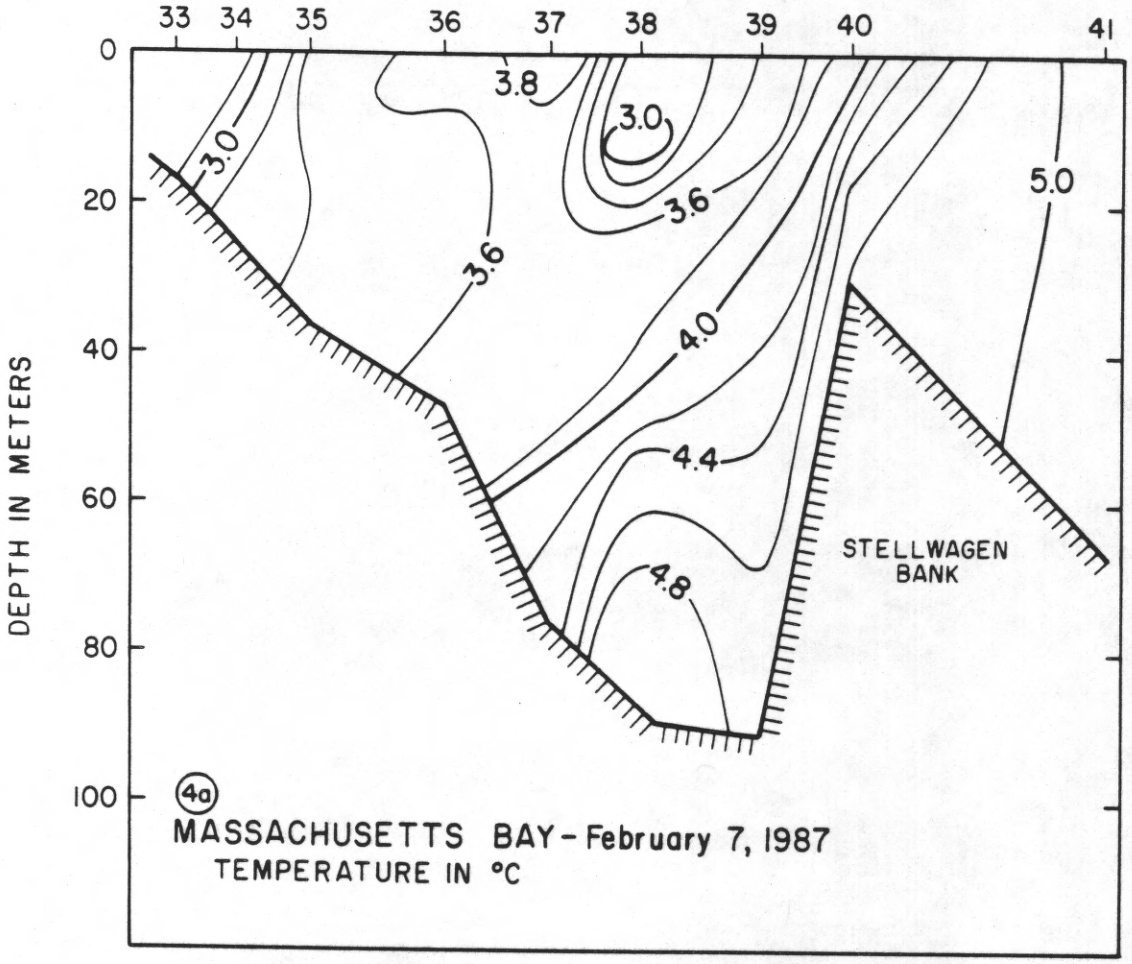

23
24
25
26
27
28
29
30
32
0
50
100
150
200
250
300
DEPTH IN METERS
5.2
5.6
5.8
5.6
5
4
6
6
6.6
③
WILKINSON BASIN
TEMPERATURE IN °C

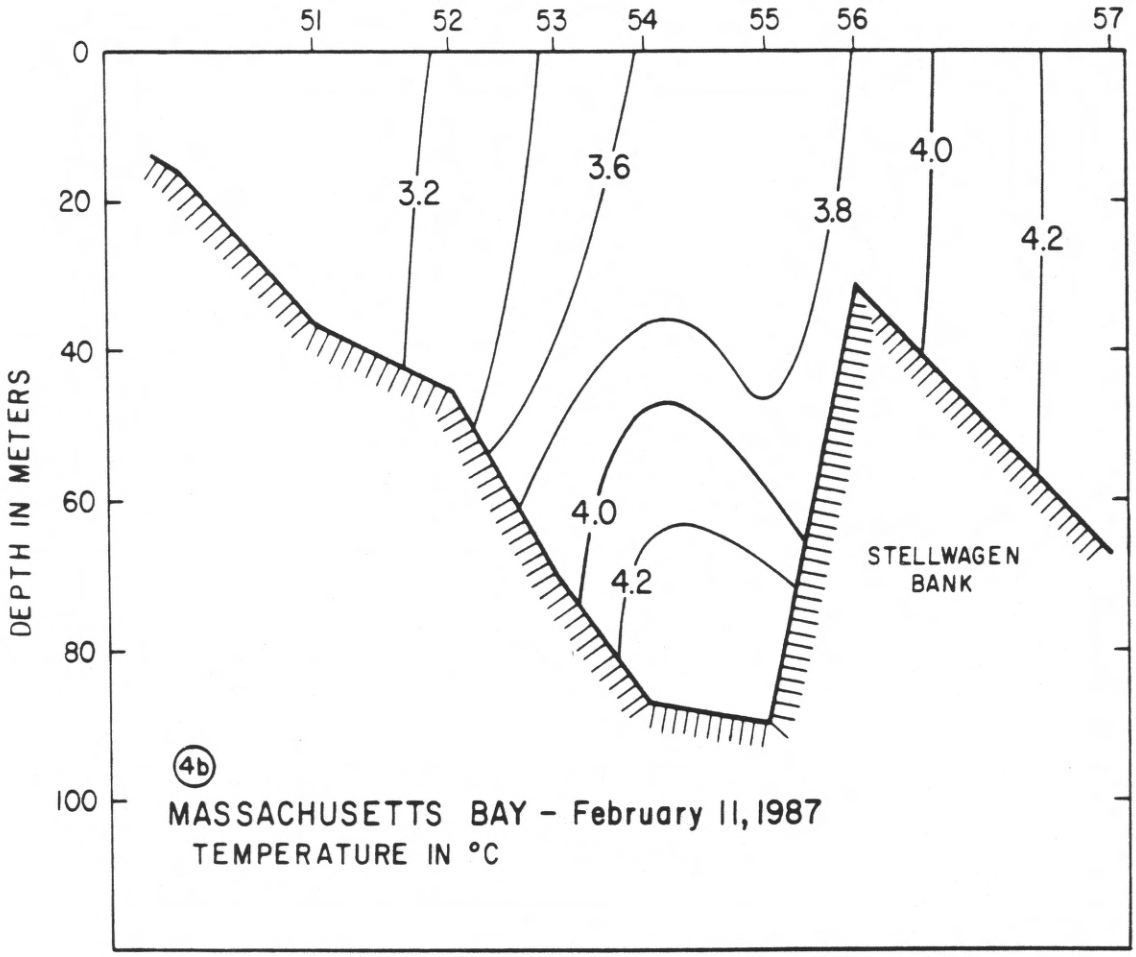

23
24
25
26
27
28
29
30
32
0
50
100
150
200
250
300
DEPTH IN METERS
33.0
33.0
33.0
32.8
33.2
33.8
③
WILKINSON BASIN
SALINITY IN p.s.u.

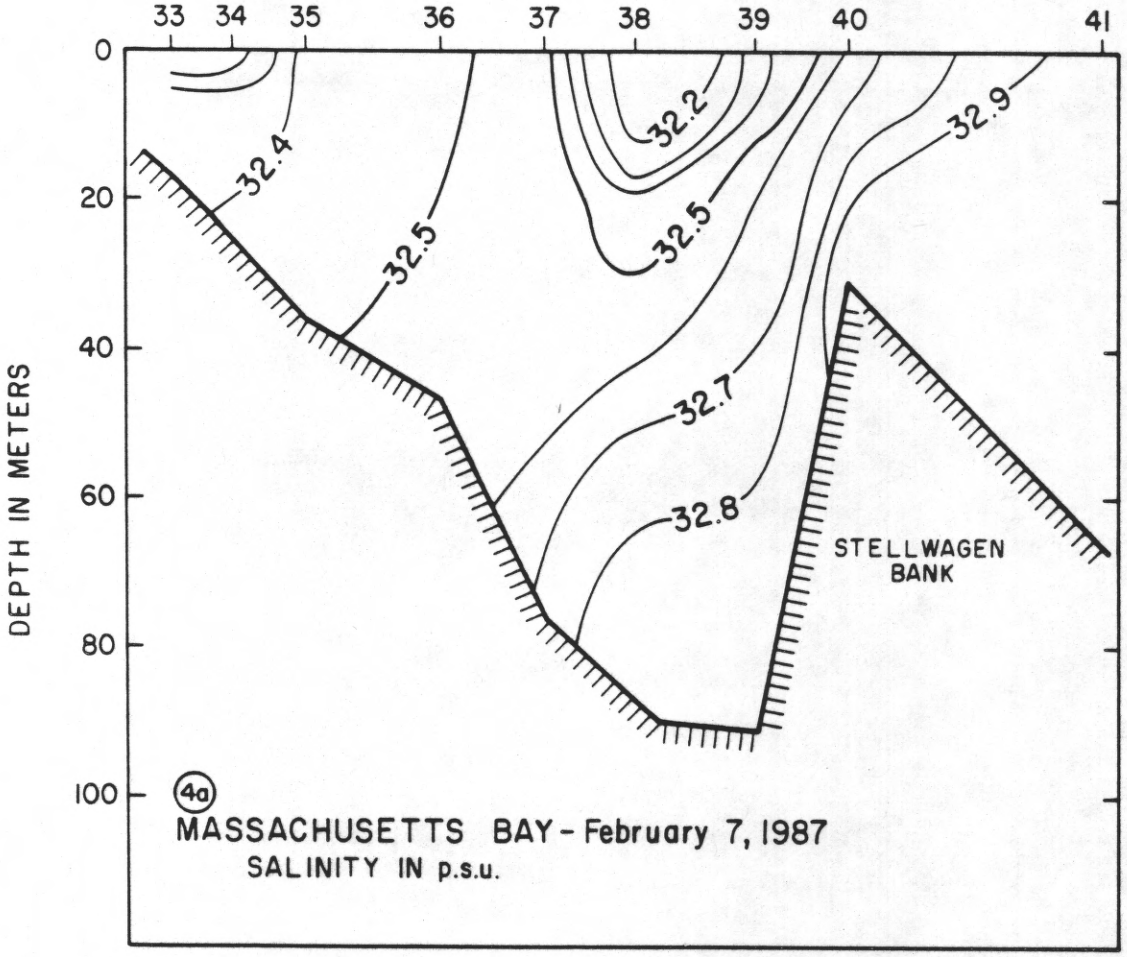

23
24
25
26
27
28
29
30
32
0
50
100
150
200
250
300
DEPTH IN METERS
26.0
26.1
26.0
26.1
26.2
26.5
③
WILKINSON BASIN
SIGMA-T

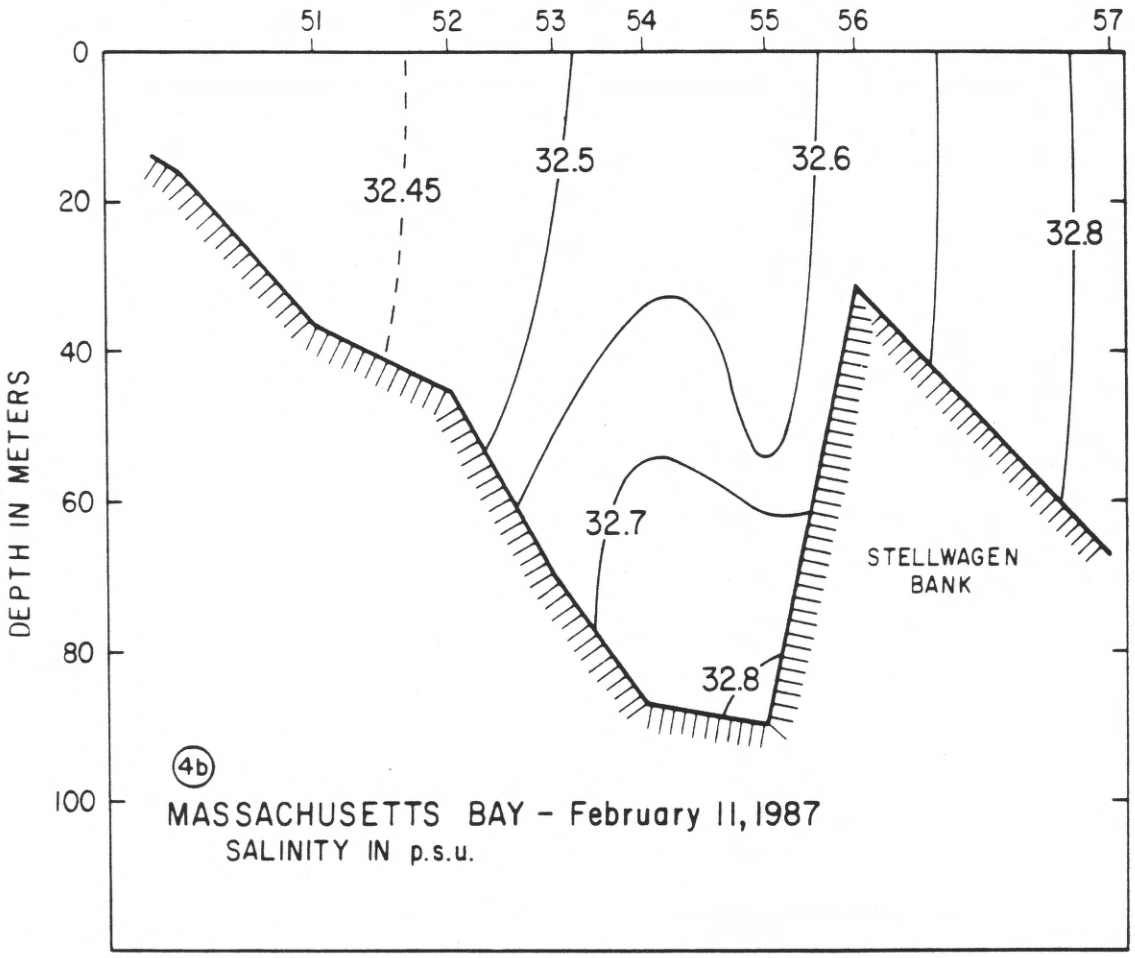

23
24
25
26
27
28
29
30
32
0
50
100
150
200
250
300
DEPTH IN METERS
7.0
7.0
6.8
6.3
6.4
6.8
6.6
6.0
5.6
5.4
5.2
③
WILKINSON BASIN
OXYGEN IN ml/L

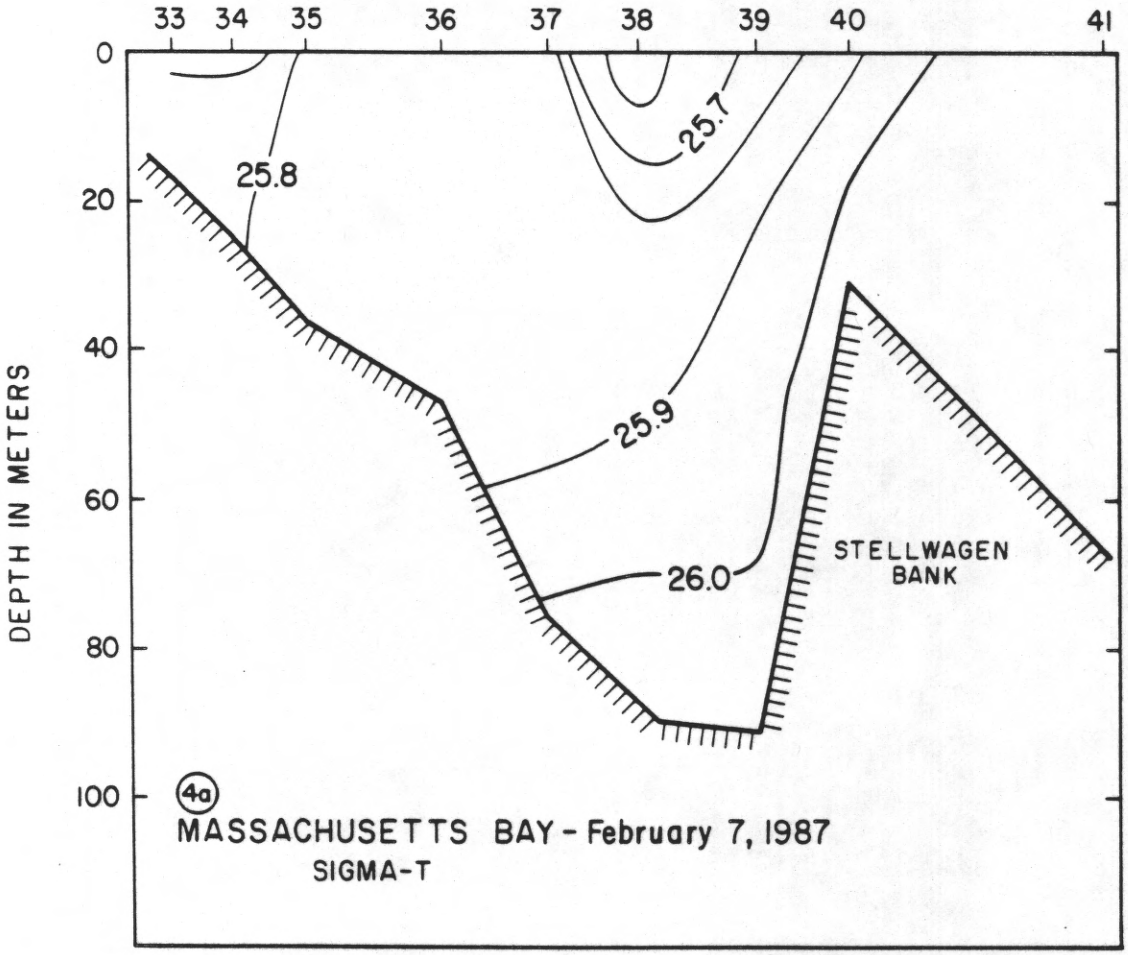

23
24
25
26
27
28
29
30
32
0
50
100
150
200
250
300
DEPTH IN METERS
0.15
0.30
0.25
0.20
0.20
0.10
0.30
0.30
0.50
0.55
③
WILKINSON BASIN
BEAM ATTENUATION
COEFFICIENT IN m⁻¹

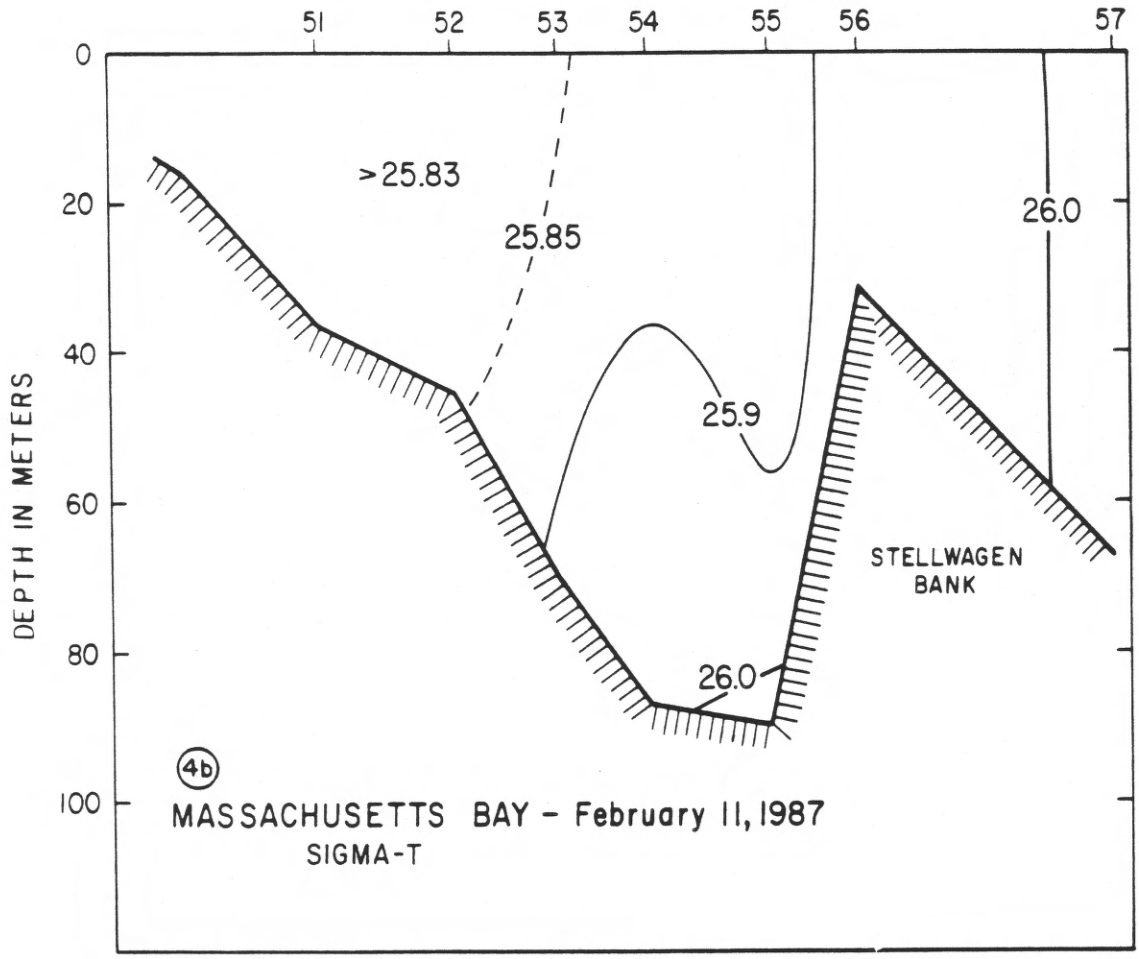

33
34
35
36
37
38
39
40
41
0
20
40
60
80
100
DEPTH IN METERS
3.0
3.8
3.0
3.6
3.6
4.0
4.4
4.8
5.0
STELLWAGEN BANK
4a
MASSACHUSETTS BAY - February 7, 1987
TEMPERATURE IN °C

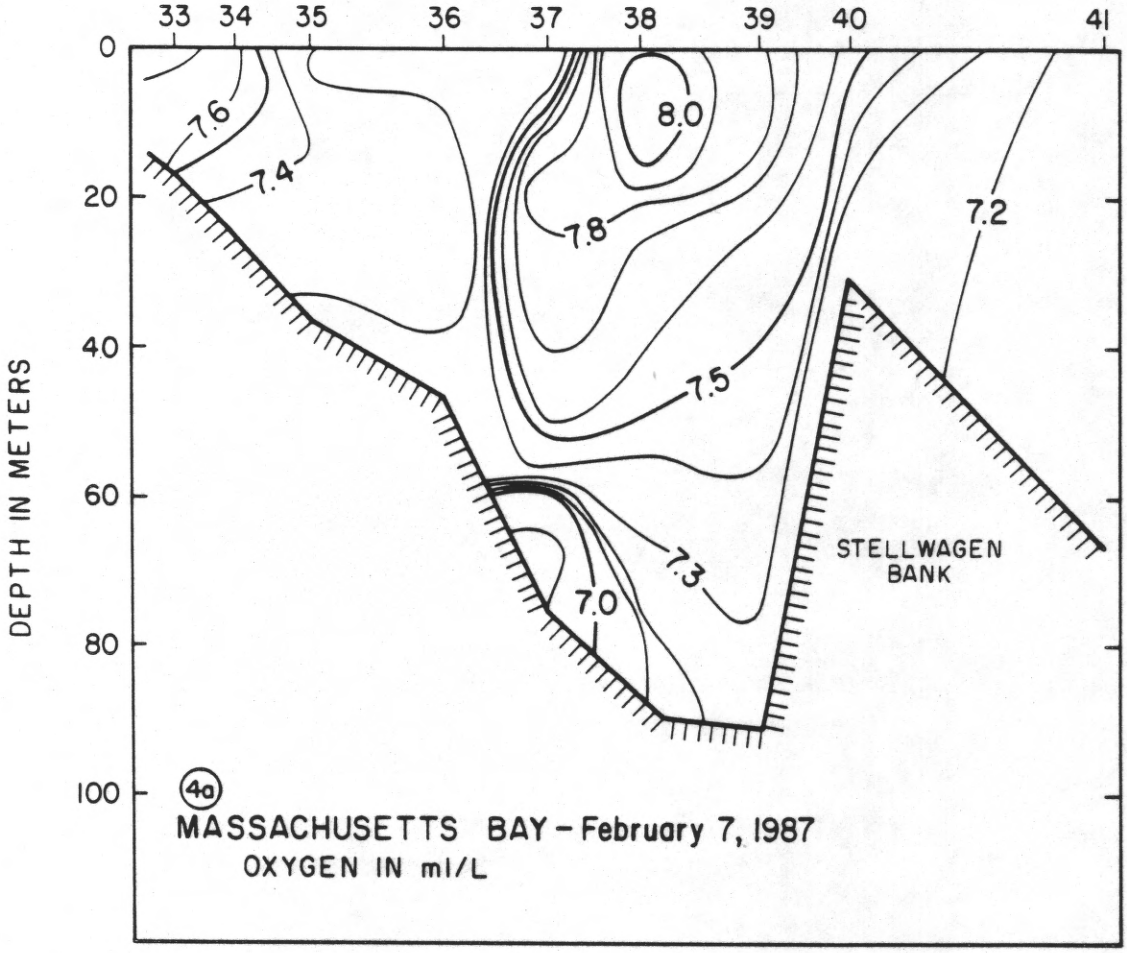

51
52
53
54
55
56
57
0
20
40
60
80
100
DEPTH IN METERS
3.2
3.6
3.8
4.0
4.2
4.0
4.2
STELLWAGEN BANK
4b
MASSACHUSETTS BAY - February 11, 1987
TEMPERATURE IN °C

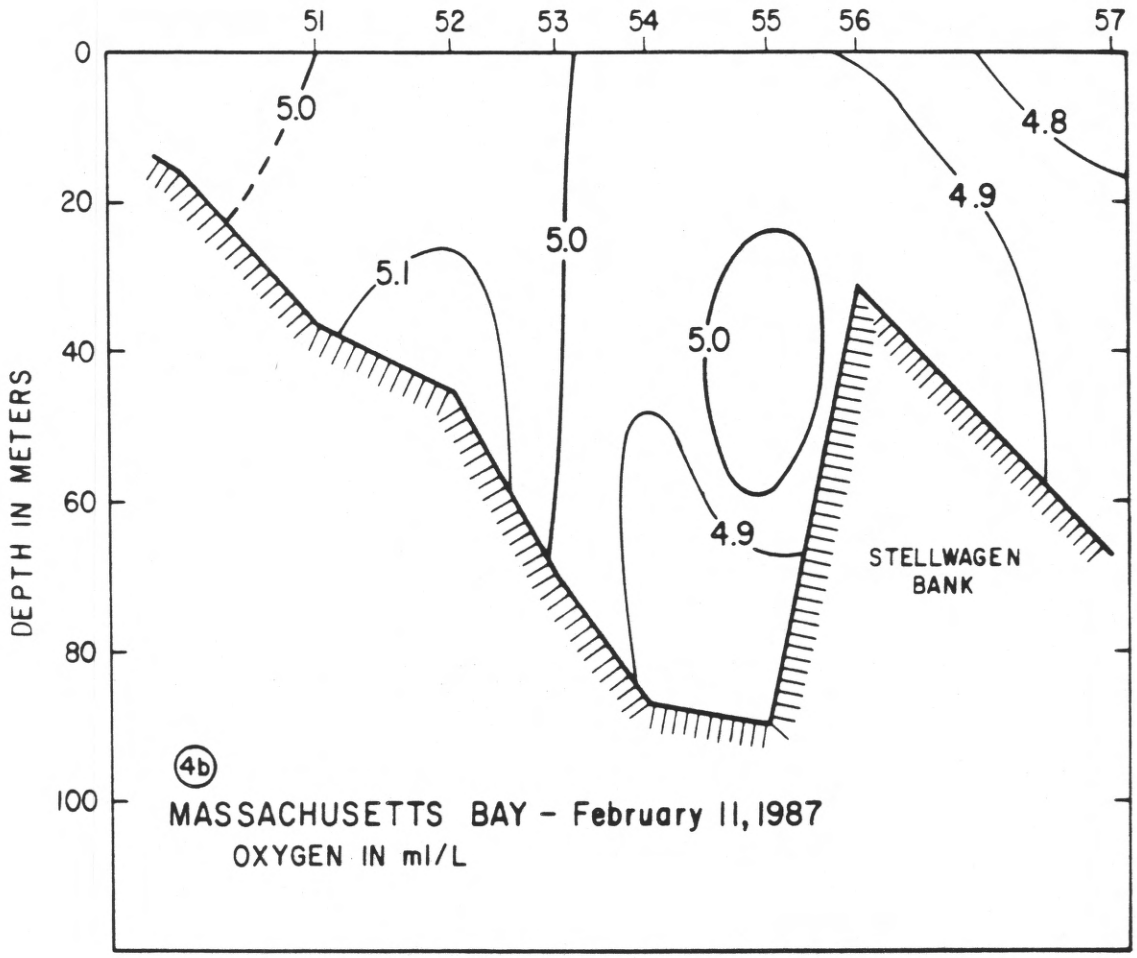

33
34
35
36
37
38
39
40
41
0
20
40
60
80
100
DEPTH IN METERS
32.4
32.5
32.2
32.5
32.7
32.8
32.9
STELLWAGEN BANK
4a
MASSACHUSETTS BAY - February 7, 1987
SALINITY IN p.s.u.

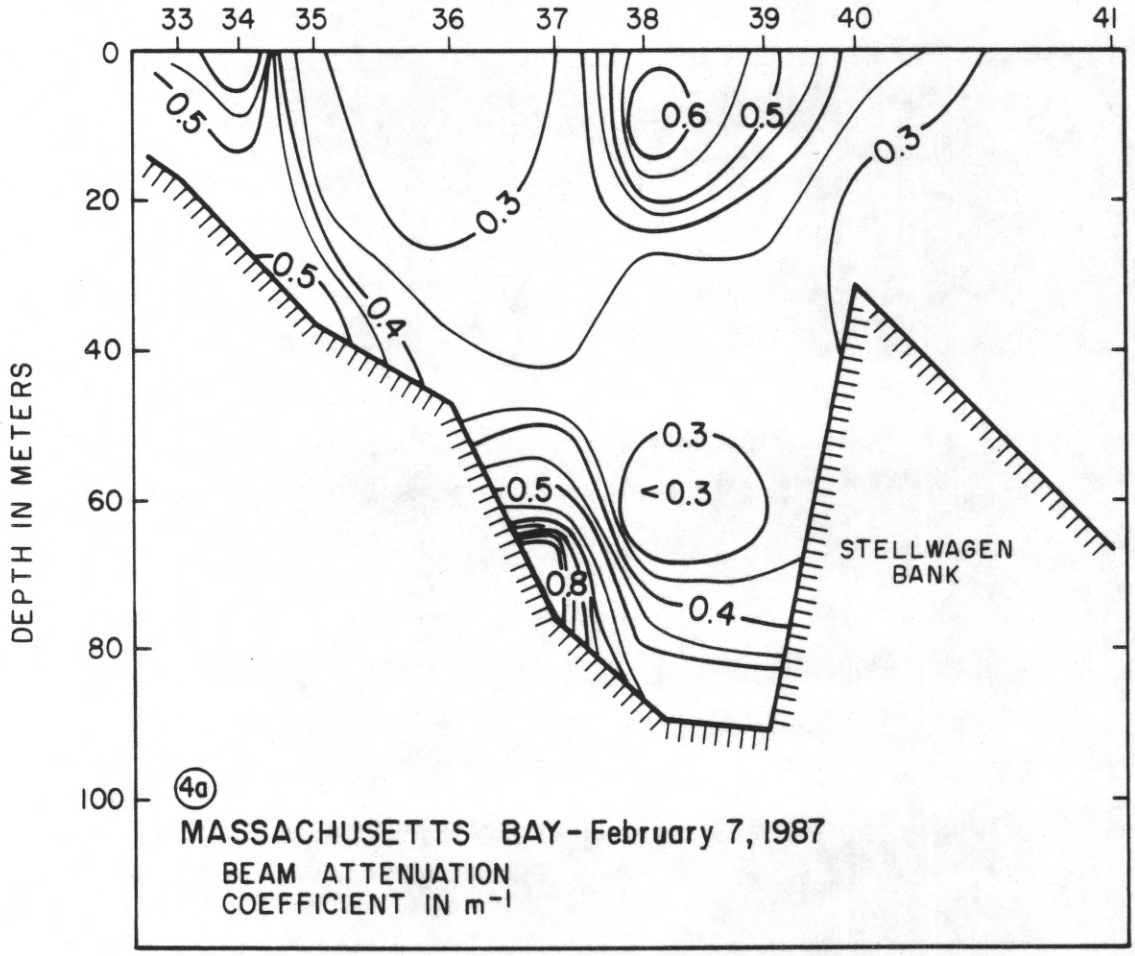

51
52
53
54
55
56
57
0
20
40
60
80
100
DEPTH IN METERS
32.45
32.5
32.6
32.8
32.7
32.8
STELLWAGEN BANK
4b
MASSACHUSETTS BAY - February 11, 1987
SALINITY IN p.s.u.

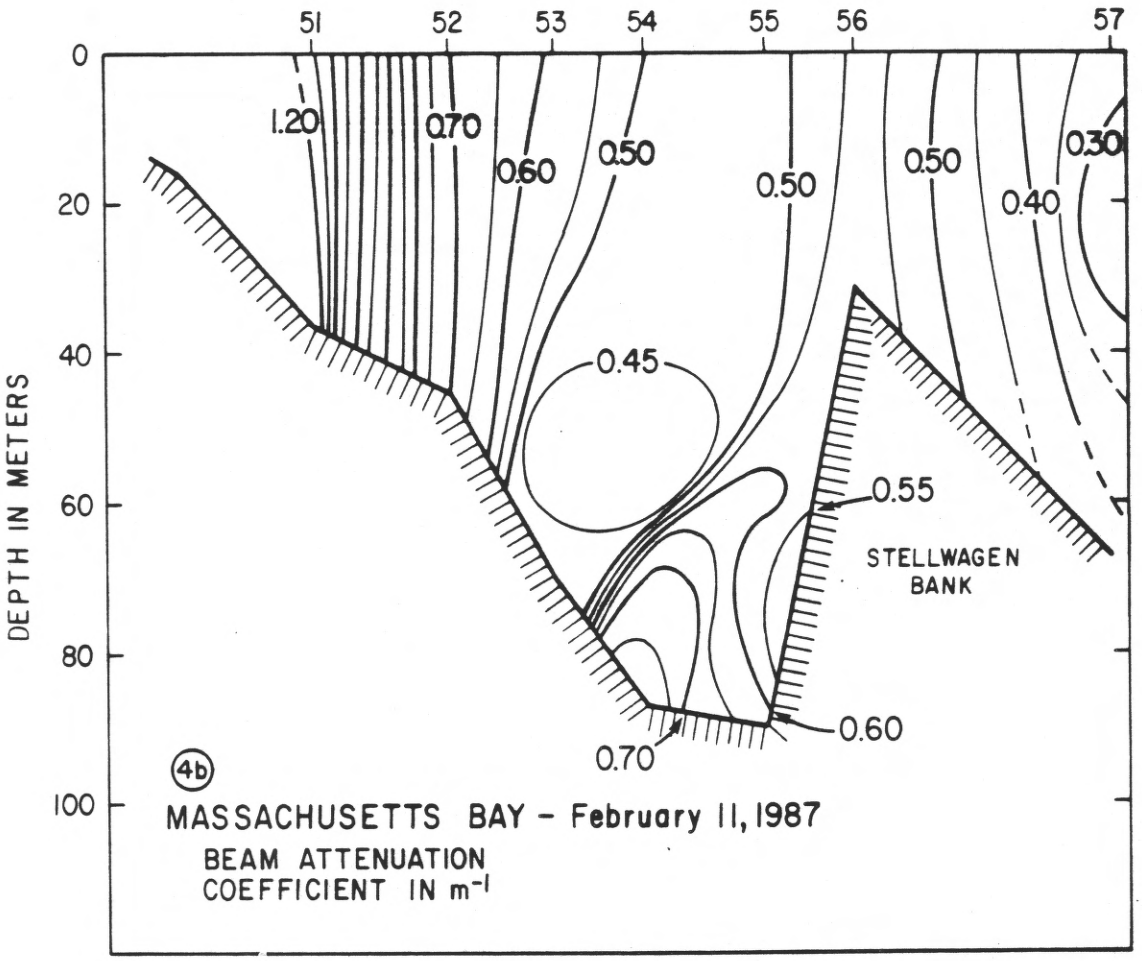

33
34
35
36
37
38
39
40
41
0
20
40
60
80
100
DEPTH IN METERS
25.8
25.7
25.9
26.0
STELLWAGEN
BANK
4a
MASSACHUSETTS BAY - February 7, 1987
SIGMA-T

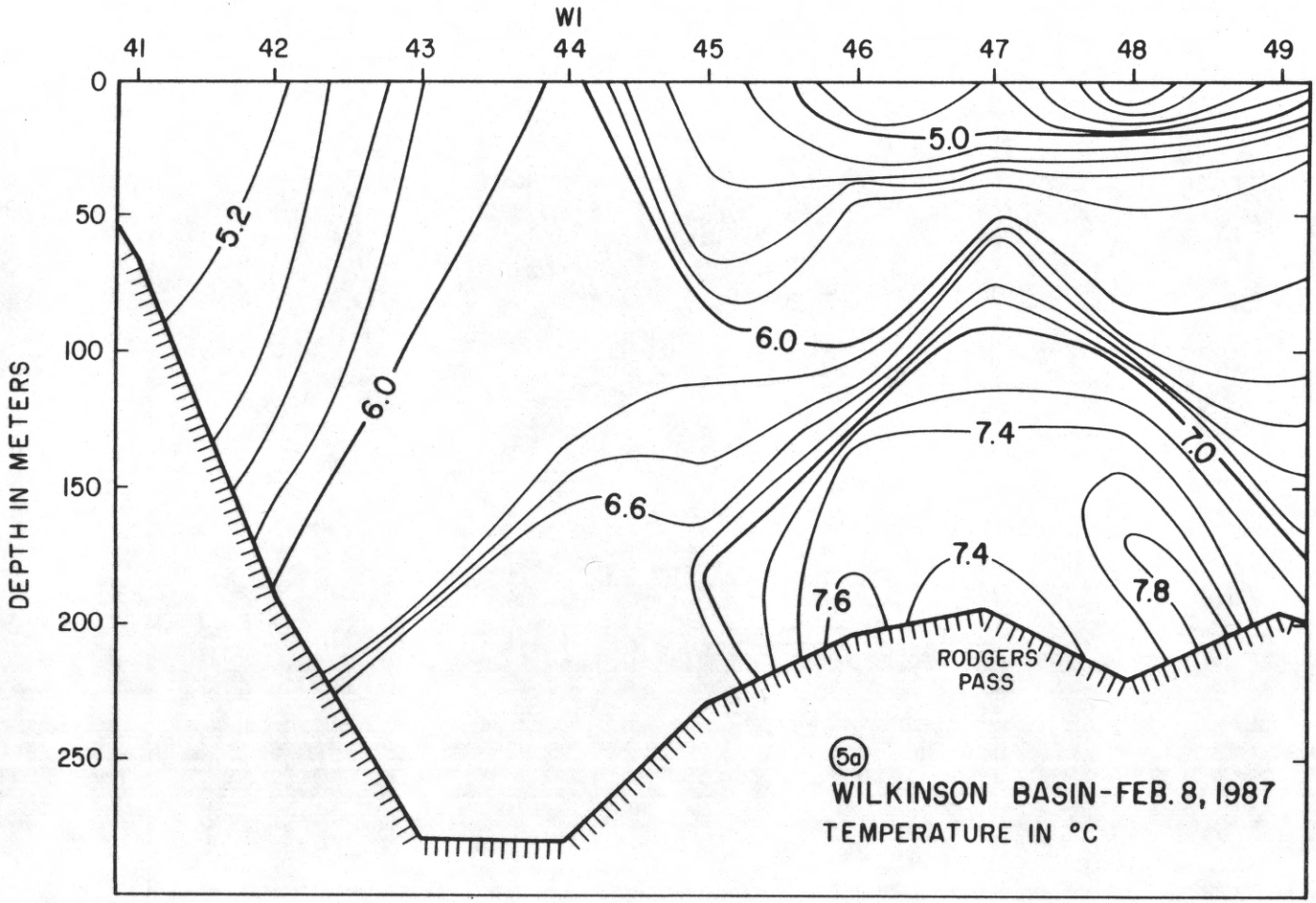

51
52
53
54
55
56
57
0
20
40
60
80
100
DEPTH IN METERS
>25.83
25.85
26.0
25.9
26.0
STELLWAGEN BANK
4b
MASSACHUSETTS BAY - February 11, 1987
SIGMA-T

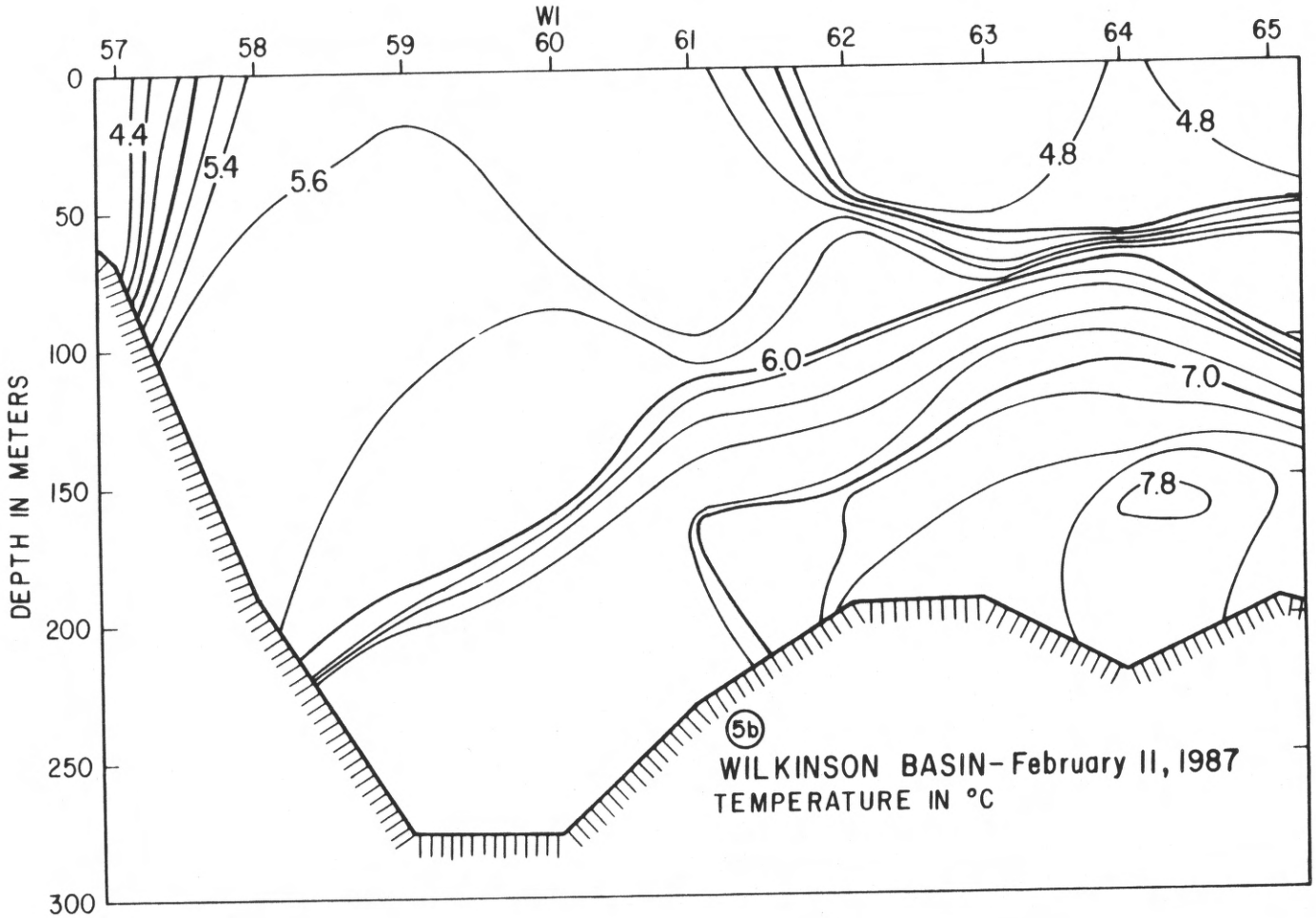

33
34
35
36
37
38
39
40
41
0
20
40
60
80
100
DEPTH IN METERS
7.6
7.4
8.0
7.8
7.2
7.5
7.3
7.0
STELLWAGEN BANK
4a
MASSACHUSETTS BAY - February 7, 1987
OXYGEN IN ml/L

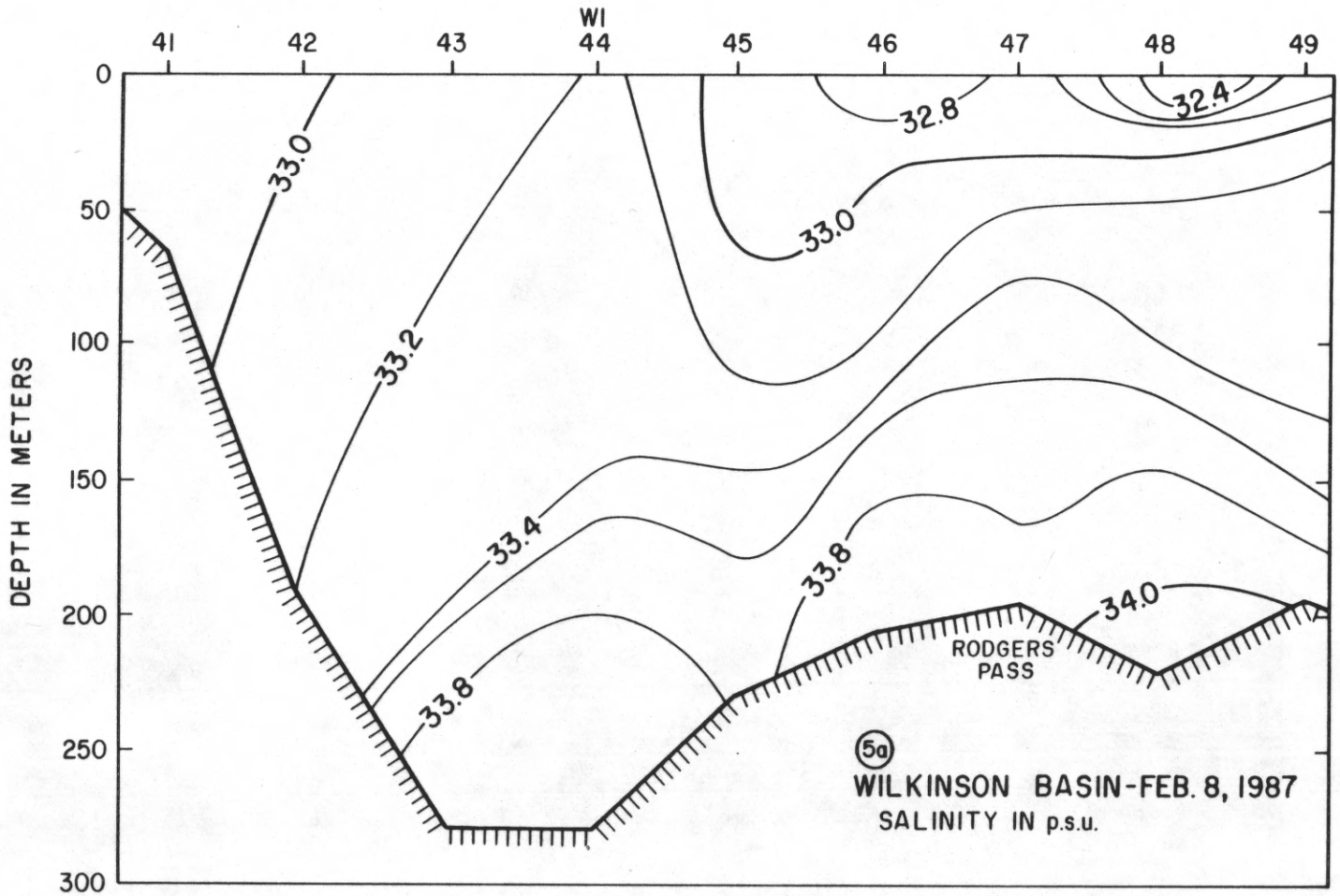

51
52
53
54
55
56
57
0
20
40
60
80
100
DEPTH IN METERS
5.0
5.1
5.0
5.0
4.9
4.9
4.8
STELLWAGEN BANK
4b
MASSACHUSETTS BAY - February 11, 1987
OXYGEN IN ml/L

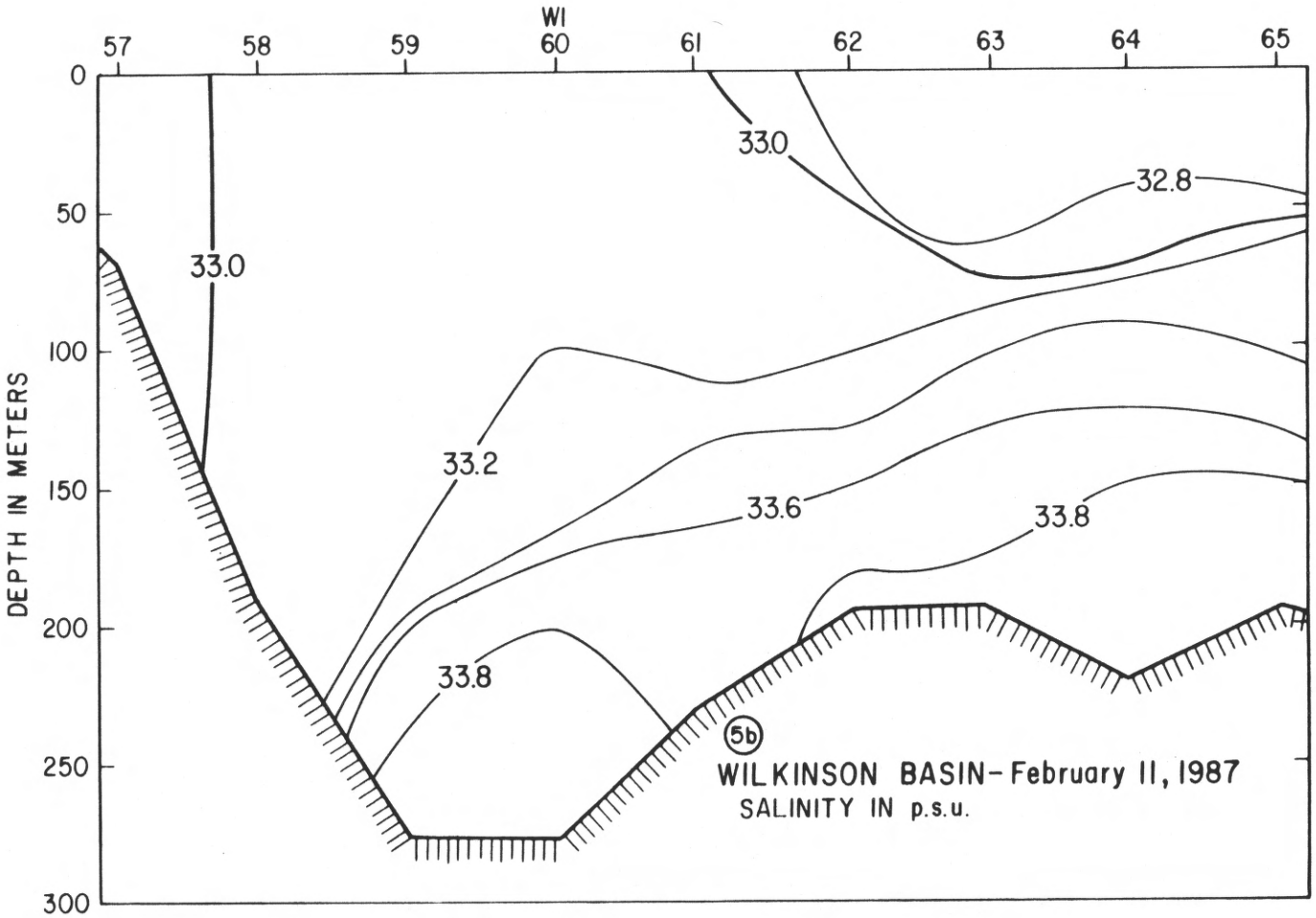

33
34
35
36
37
38
39
40
41
0
20
40
60
80
100
DEPTH IN METERS
0.5
0.6
0.5
0.3
0.3
0.5
0.4
0.3
<0.3
0.5
0.8
0.4
STELLWAGEN BANK
4a
MASSACHUSETTS BAY - February 7, 1987
BEAM ATTENUATION COEFFICIENT IN m⁻¹

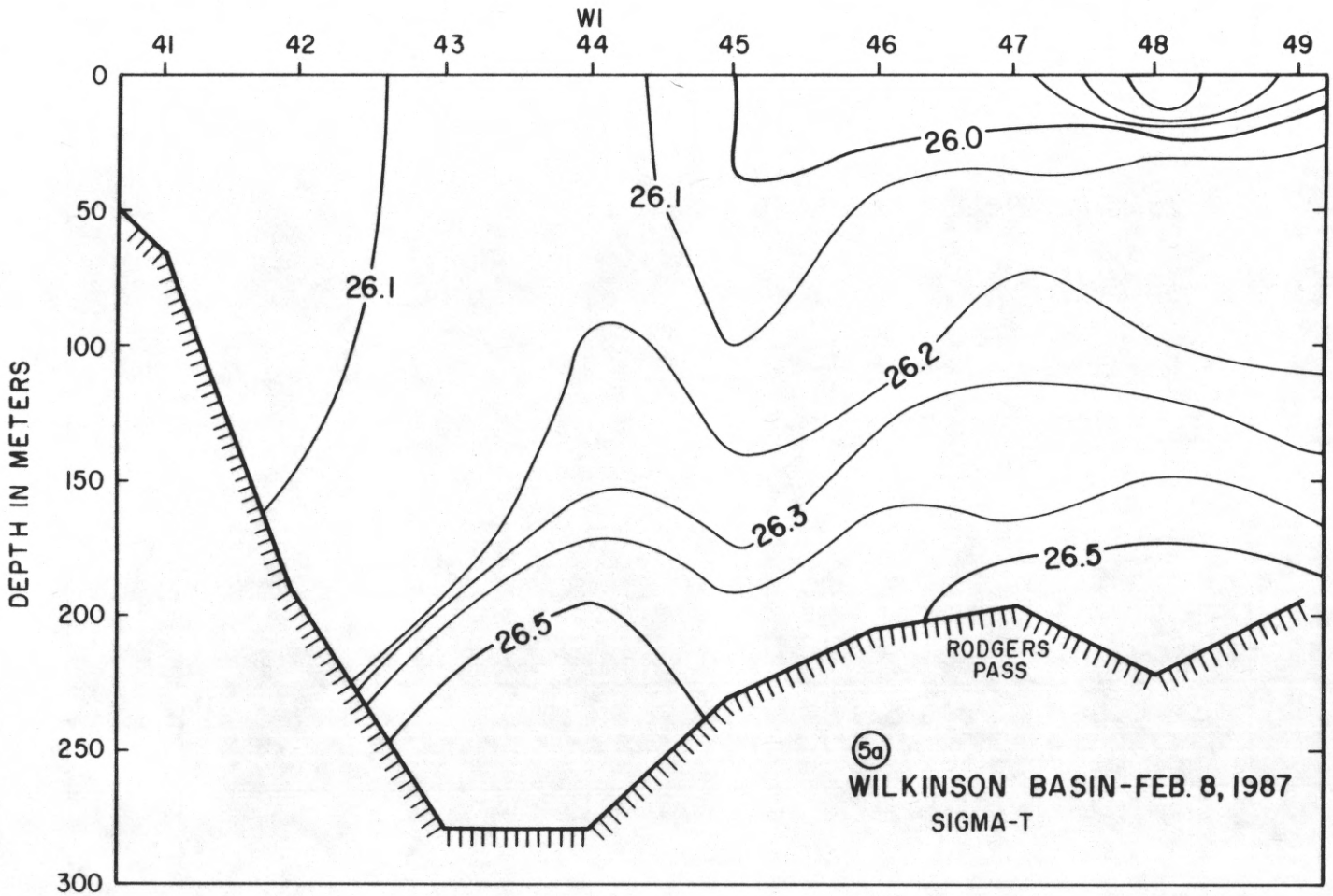

51
52
53
54
55
56
57
0
20
40
60
80
100
DEPTH IN METERS
1.20
0.70
0.60
0.50
0.50
0.50
0.40
0.30
0.45
0.55
0.60
0.70
STELLWAGEN BANK
4b
MASSACHUSETTS BAY - February 11, 1987
BEAM ATTENUATION COEFFICIENT IN m⁻¹

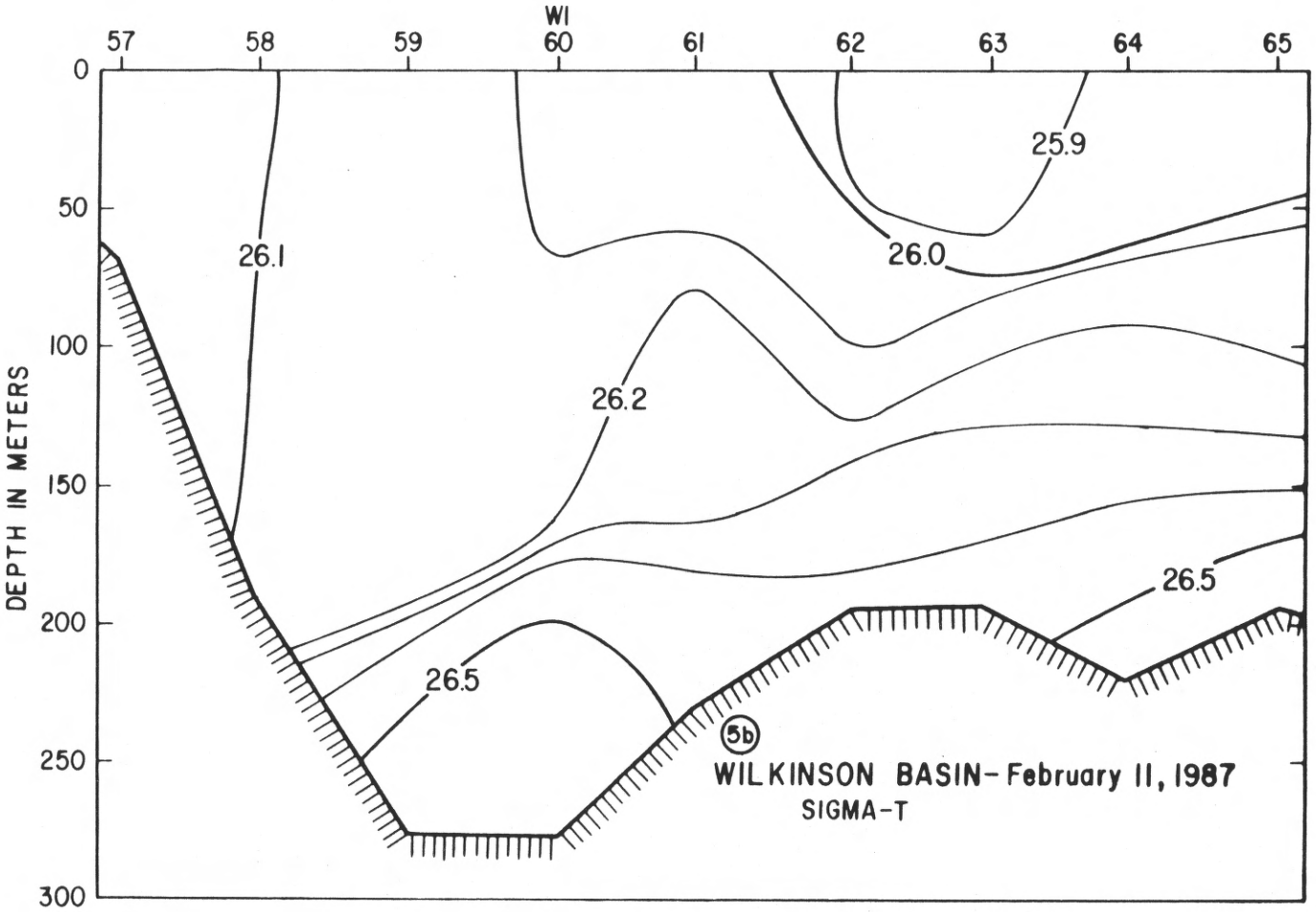

WI
41
42
43
44
45
46
47
48
49
0
50
100
150
200
250
DEPTH IN METERS
5.2
6.0
6.0
6.6
5.0
7.4
7.0
7.4
7.6
7.8
RODGERS PASS
5a
WILKINSON BASIN-FEB. 8, 1987
TEMPERATURE IN °C

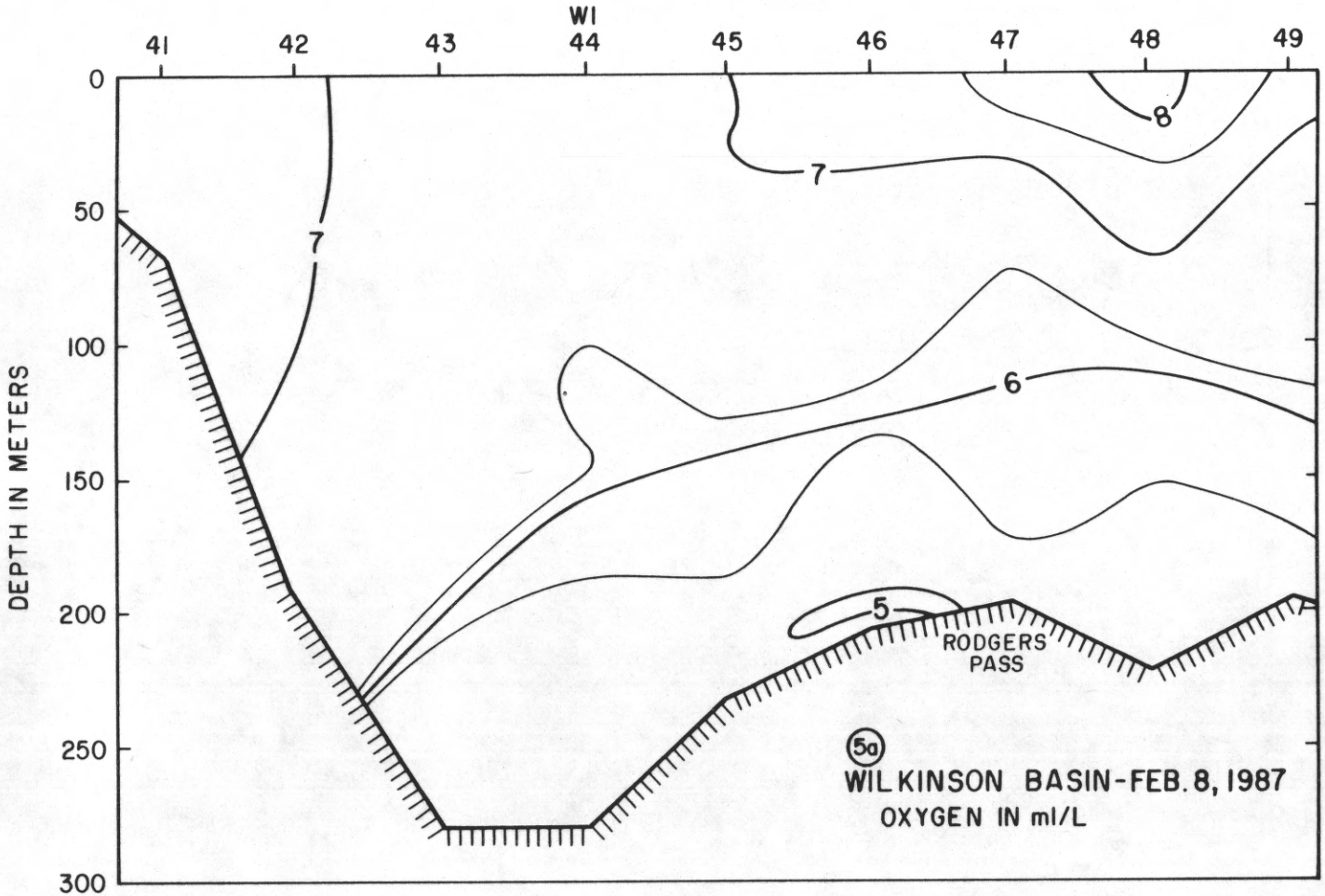

WI
57
58
59
60
61
62
63
64
65
0
50
100
150
200
250
300
DEPTH IN METERS
4.4
5.4
5.6
4.8
4.8
6.0
7.0
7.8
5b
WILKINSON BASIN- February 11, 1987
TEMPERATURE IN °C

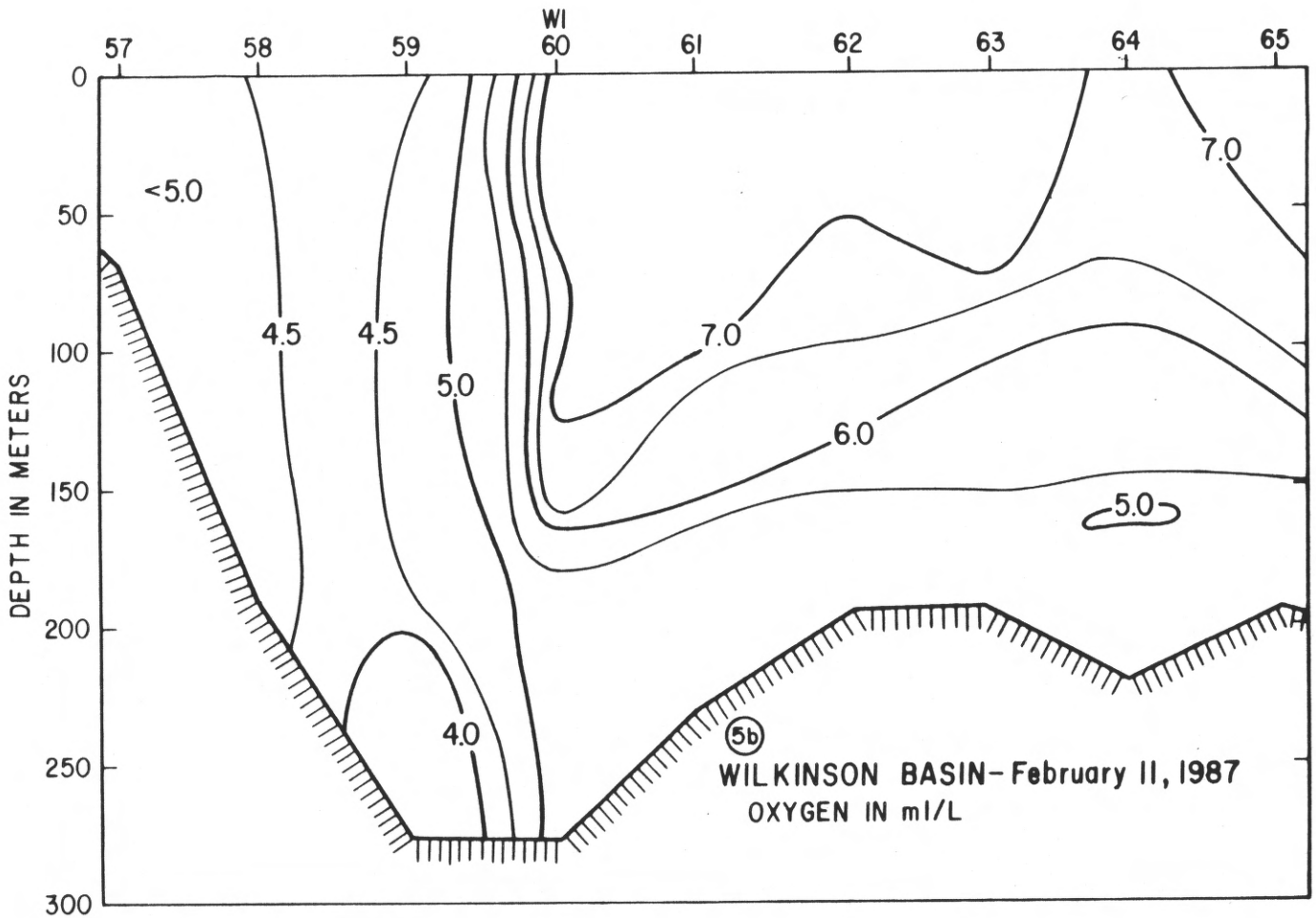

WI
41
42
43
44
45
46
47
48
49
0
50
100
150
200
250
300
DEPTH IN METERS
33.0
33.2
33.4
33.8
32.8
32.4
33.0
33.8
34.0
RODGERS
PASS
5a
WILKINSON BASIN-FEB. 8, 1987
SALINITY IN p.s.u.

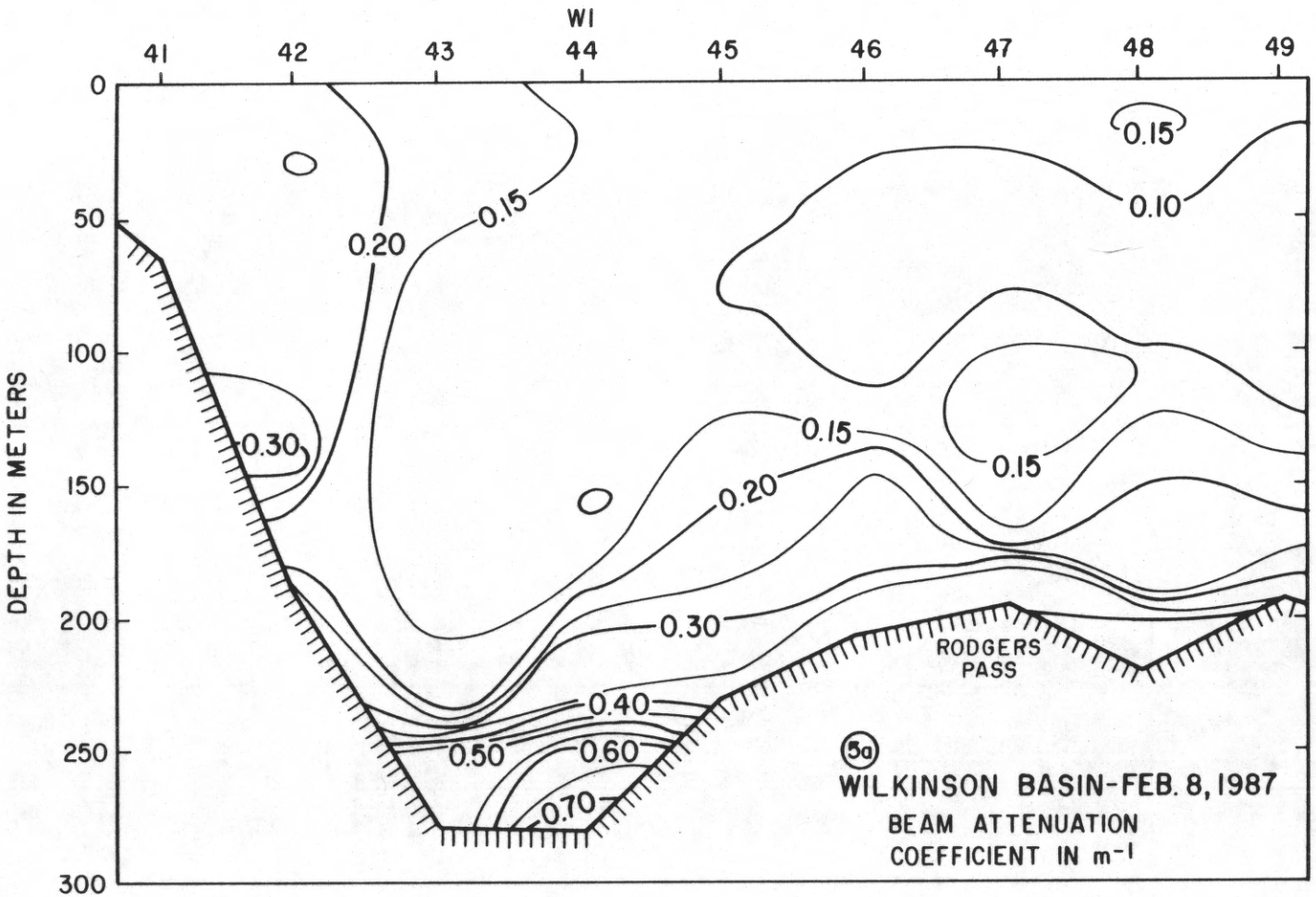

WI
57
58
59
60
61
62
63
64
65
0
50
100
150
200
250
300
DEPTH IN METERS
33.0
33.0
32.8
33.2
33.6
33.8
33.8
5b
WILKINSON BASIN- February 11, 1987
SALINITY IN p.s.u.

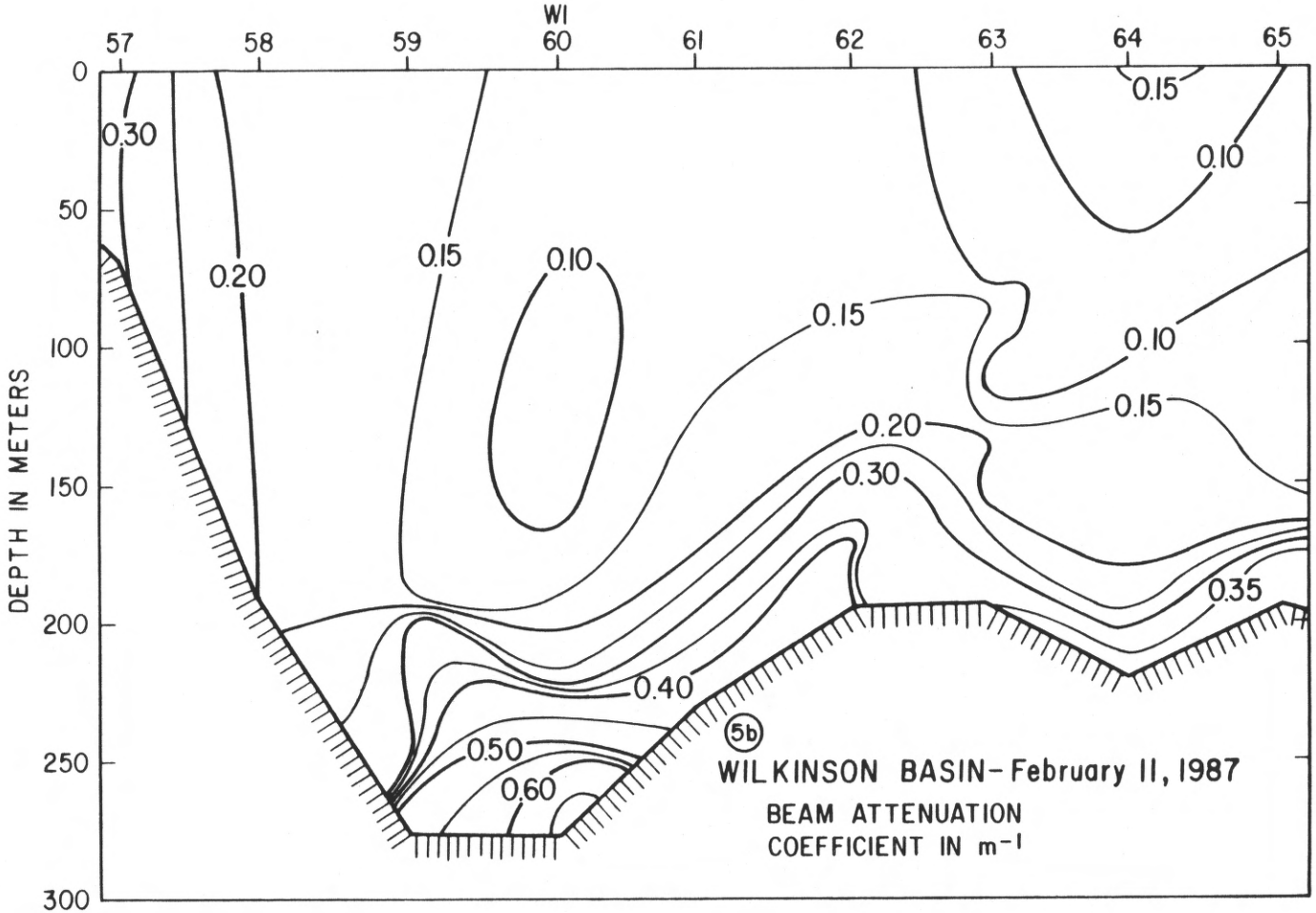

WI
41
42
43
44
45
46
47
48
49
0
50
100
150
200
250
300
DEPTH IN METERS
26.0
26.1
26.1
26.2
26.3
26.5
26.5
RODGERS
PASS
5a
WILKINSON BASIN-FEB. 8, 1987
SIGMA-T

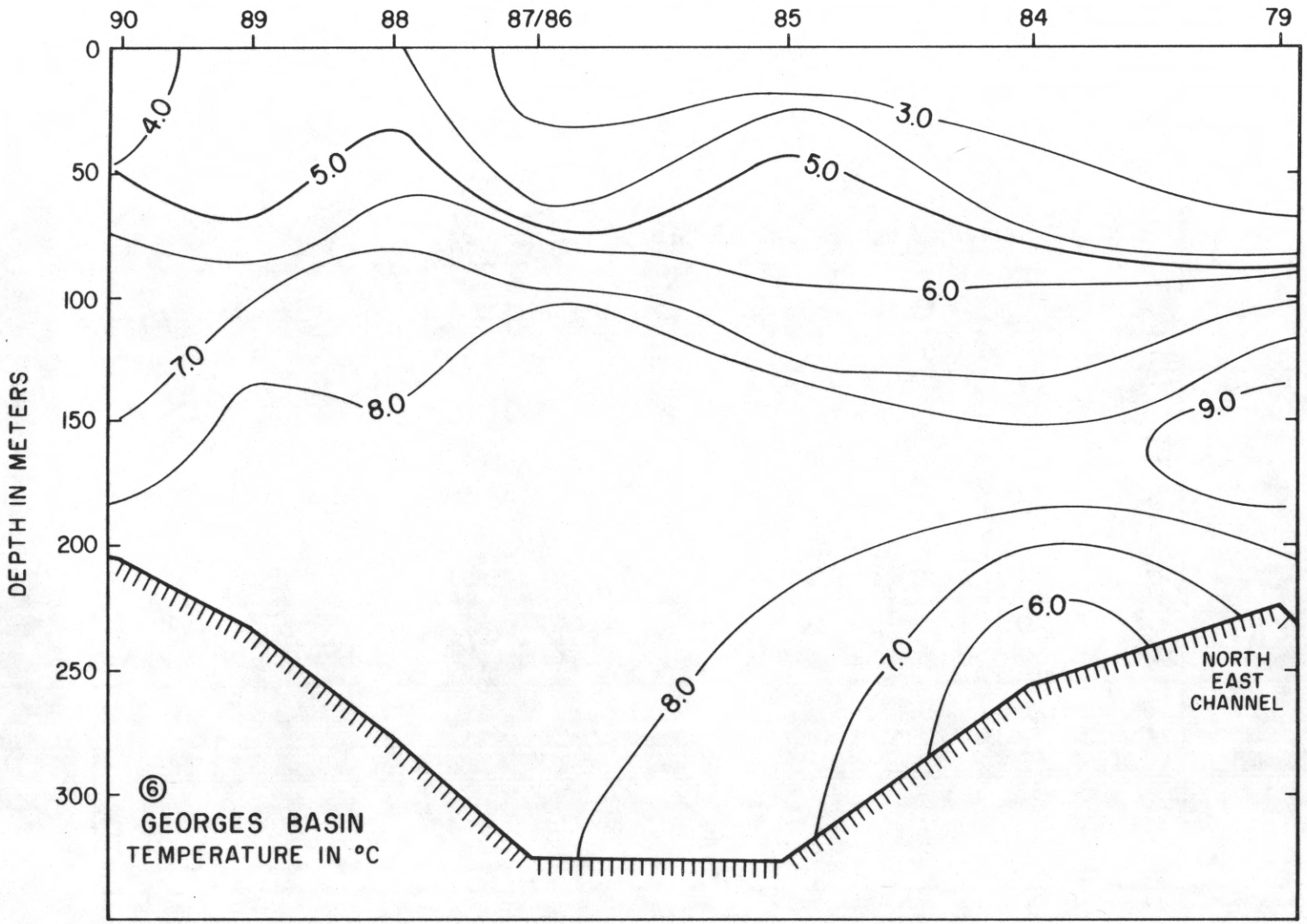

WI
57
58
59
60
61
62
63
64
65
0
50
100
150
200
250
300
DEPTH IN METERS
26.1
26.2
26.5
26.5
26.0
25.9
5b
WILKINSON BASIN- February 11, 1987
SIGMA-T

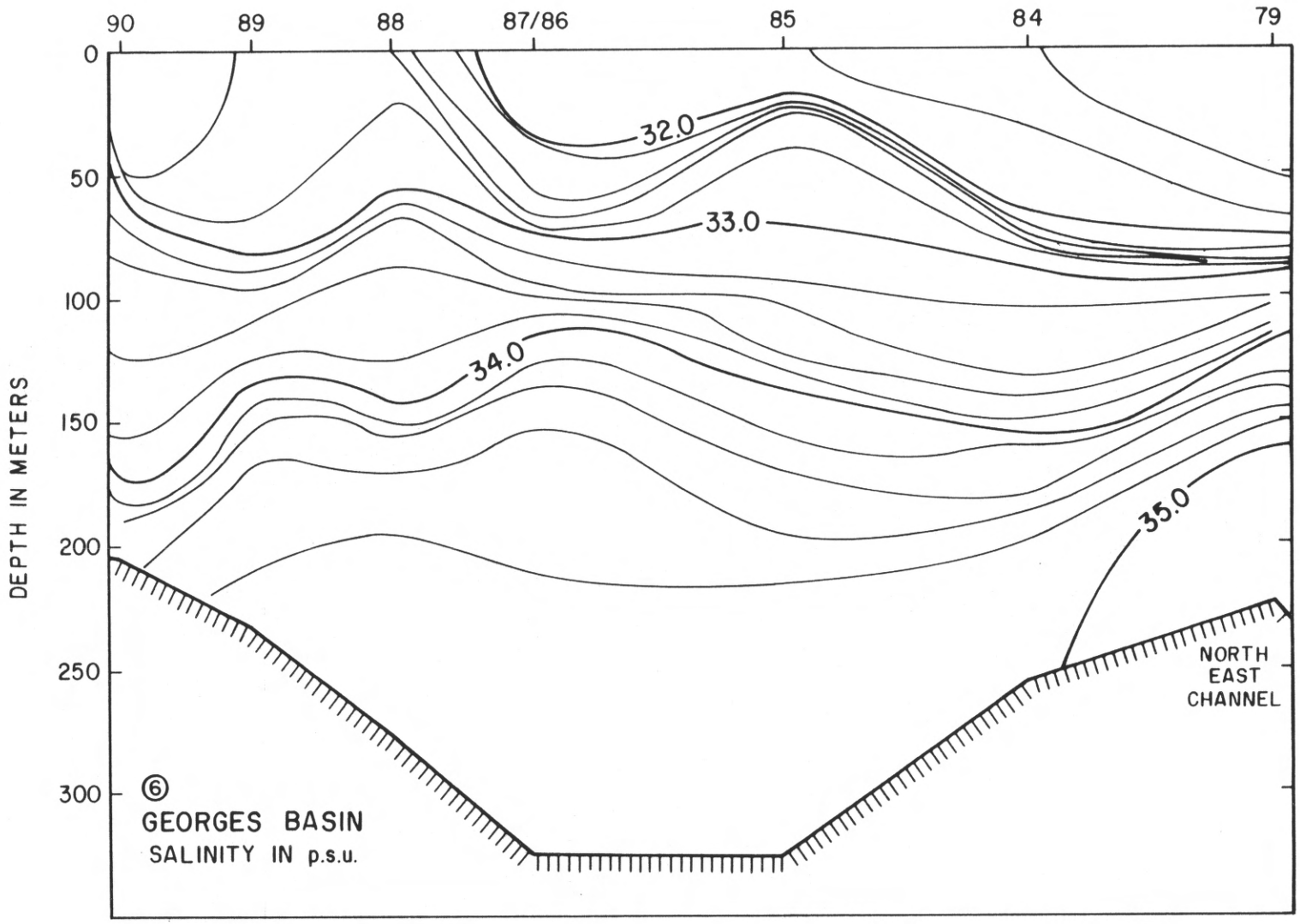

WI
41
42
43
44
45
46
47
48
49
0
50
100
150
200
250
300
DEPTH IN METERS
7
7
8
6
5
RODGERS
PASS
5a
WILKINSON BASIN-FEB. 8, 1987
OXYGEN IN ml/L

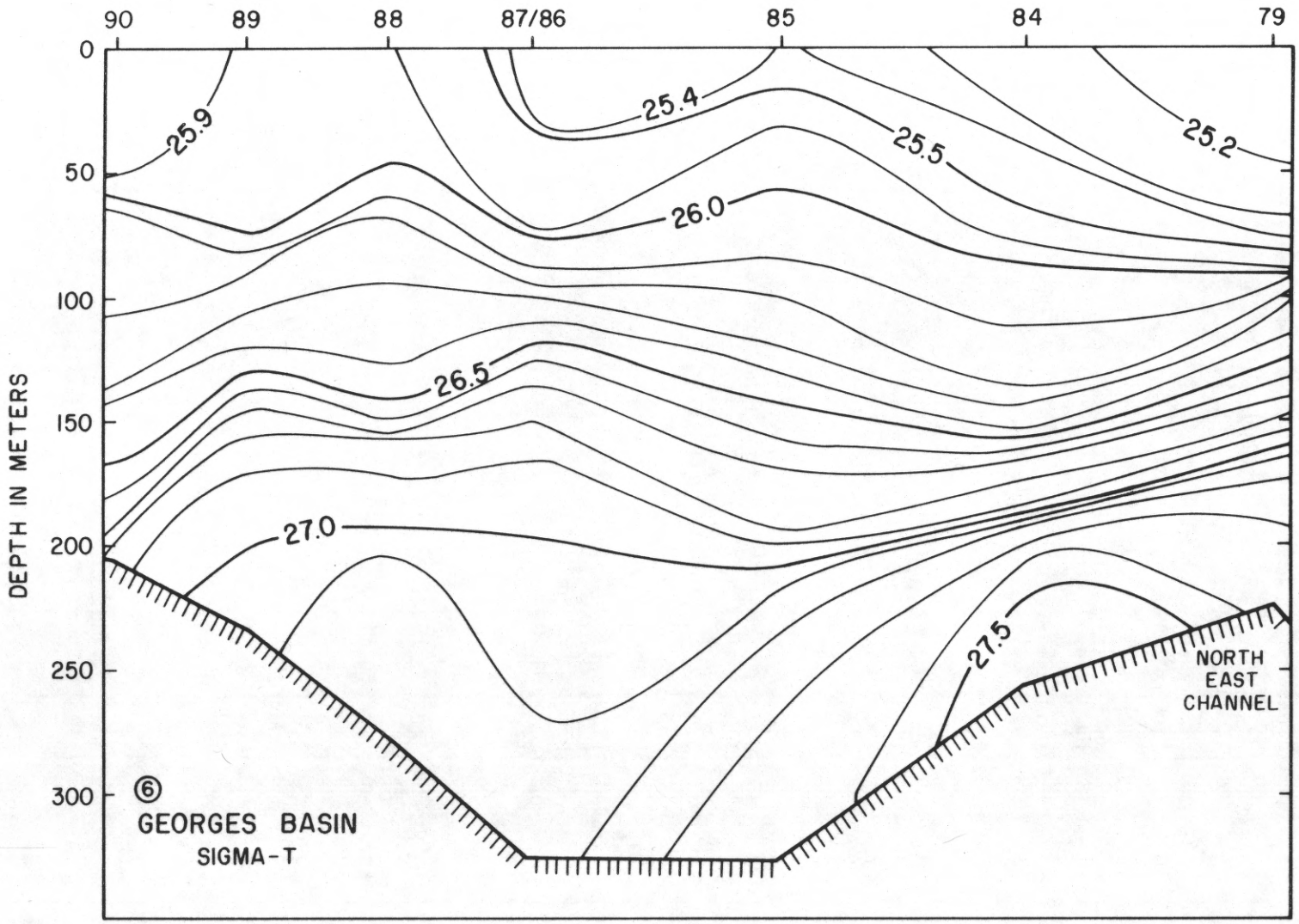

WI
57
58
59
60
61
62
63
64
65
0
50
100
150
200
250
300
DEPTH IN METERS
<5.0
4.5
4.5
5.0
4.0
7.0
6.0
5.0
7.0
5b
WILKINSON BASIN- February 11, 1987
OXYGEN IN ml/L

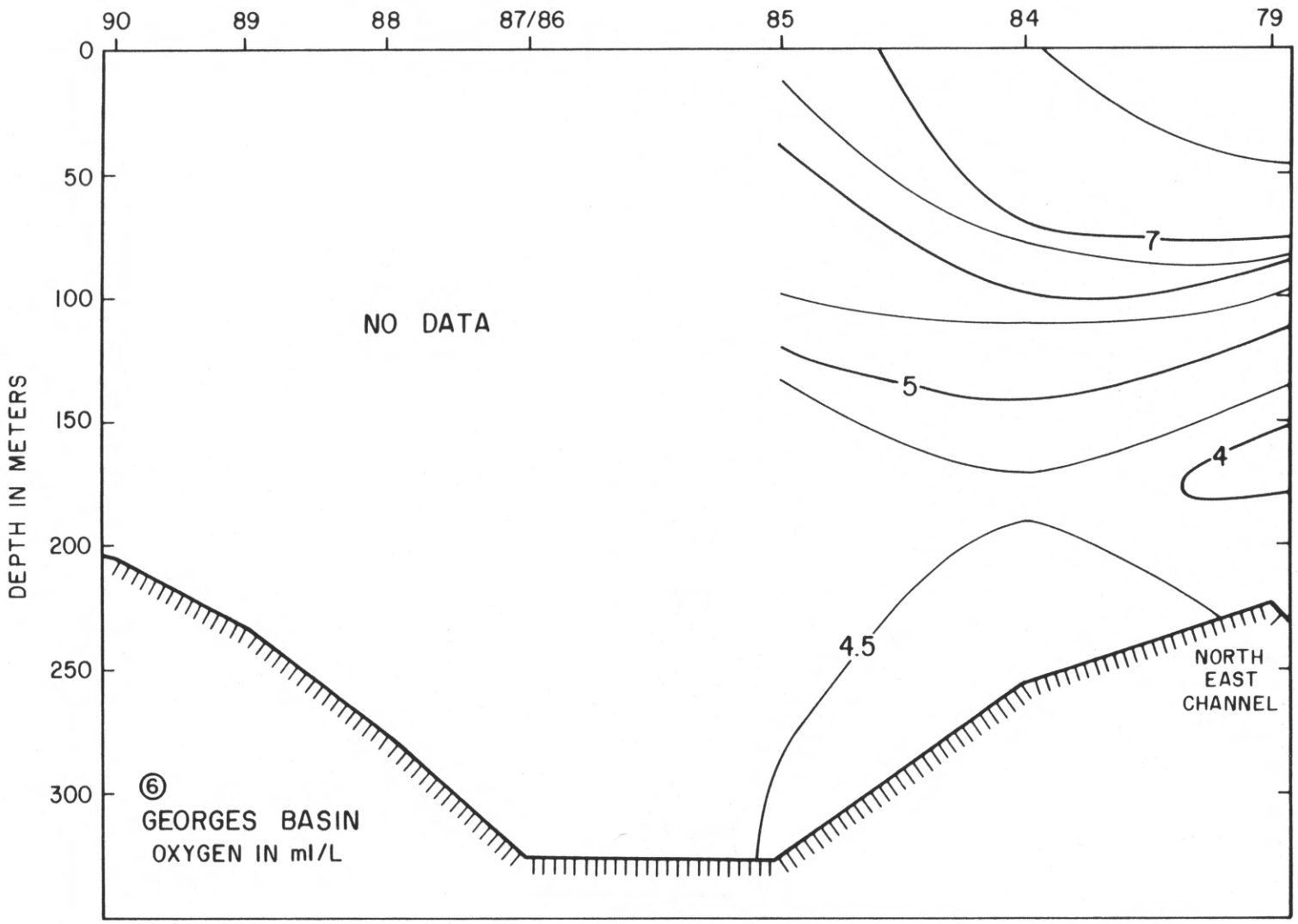

WI
41
42
43
44
45
46
47
48
49
0
50
100
150
200
250
300
DEPTH IN METERS
0.15
0.10
0.20
0.15
0.30
0.15
0.20
0.15
0.30
0.40
0.50
0.60
0.70
RODGERS PASS
5a
WILKINSON BASIN-FEB. 8, 1987
BEAM ATTENUATION
COEFFICIENT IN m-1

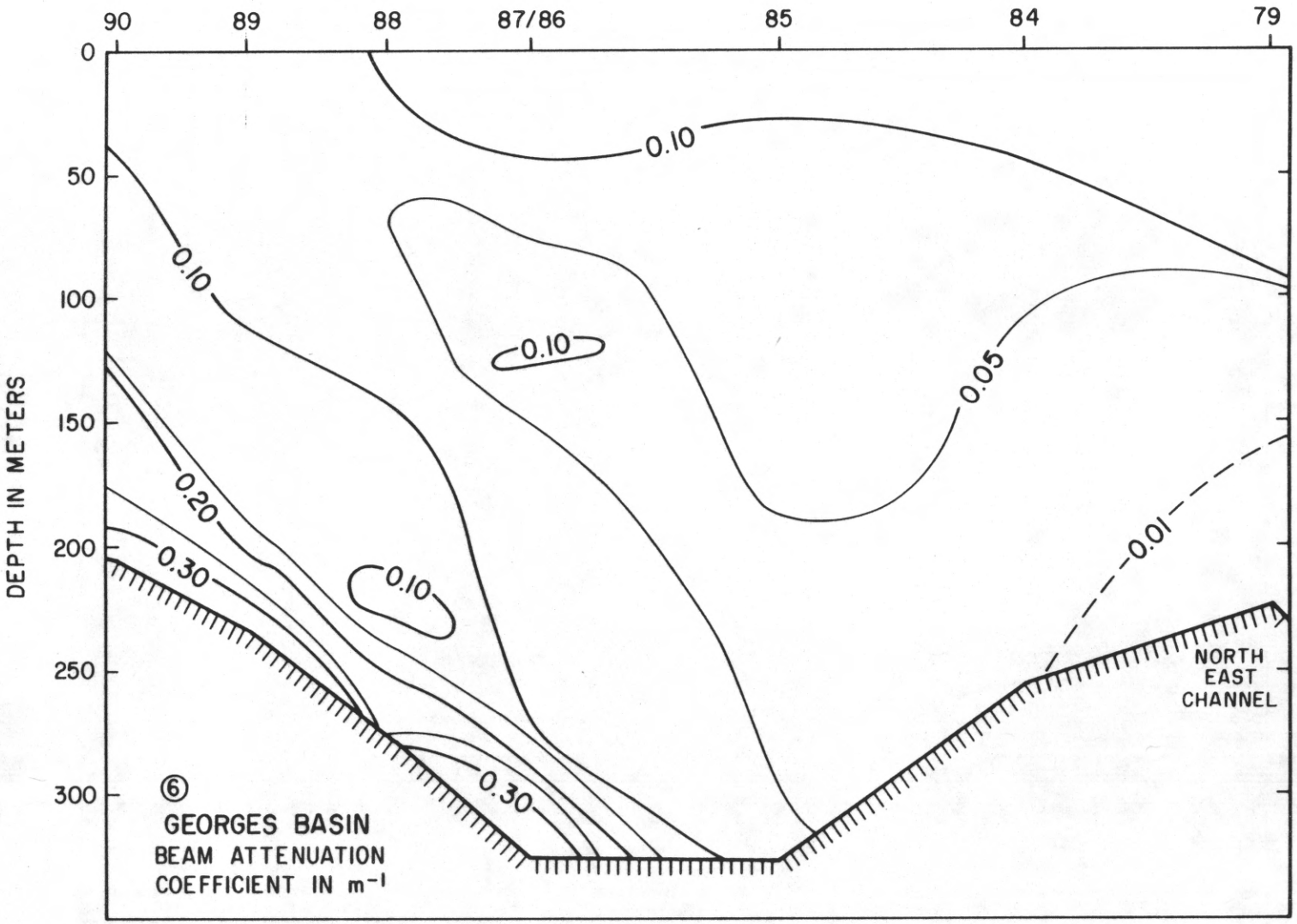

WI
57
58
59
60
61
62
63
64
65
0
50
100
150
200
250
300
DEPTH IN METERS
0.30
0.20
0.15
0.10
0.15
0.20
0.30
0.40
0.50
0.60
0.15
0.10
0.10
0.15
0.35
5b
WILKINSON BASIN- February 11, 1987
BEAM ATTENUATION
COEFFICIENT IN m⁻¹

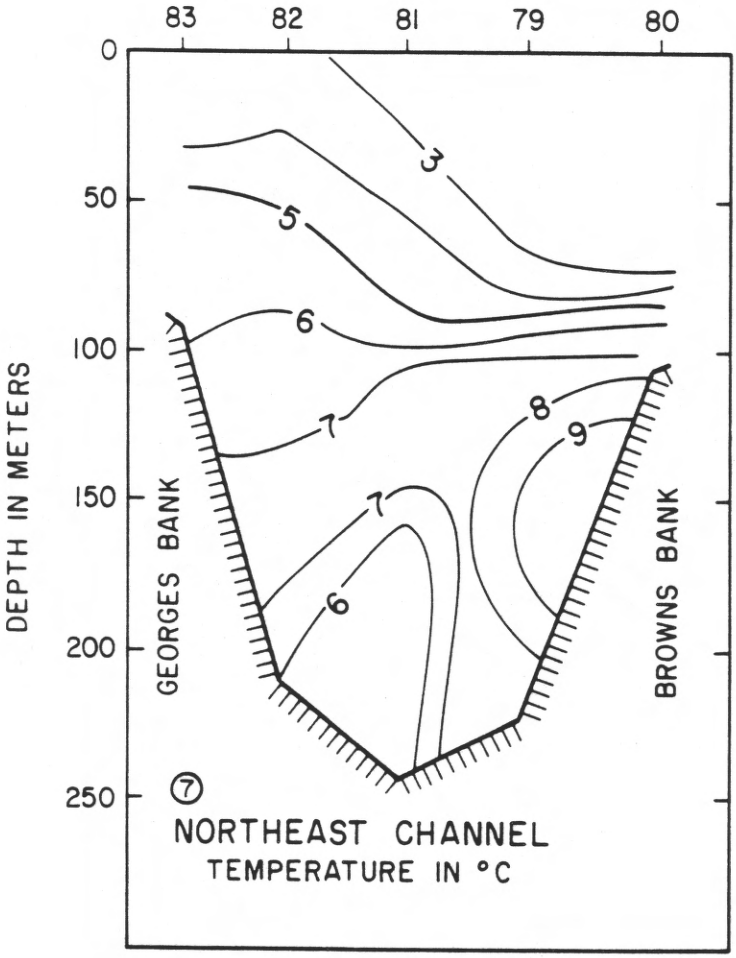

90
89
88
87/86
85
84
79
0
50
100
150
200
250
300
DEPTH IN METERS
4.0
5.0
3.0
5.0
6.0
7.0
8.0
9.0
6.0
7.0
8.0
NORTH
EAST
CHANNEL
⑥
GEORGES BASIN
TEMPERATURE IN °C

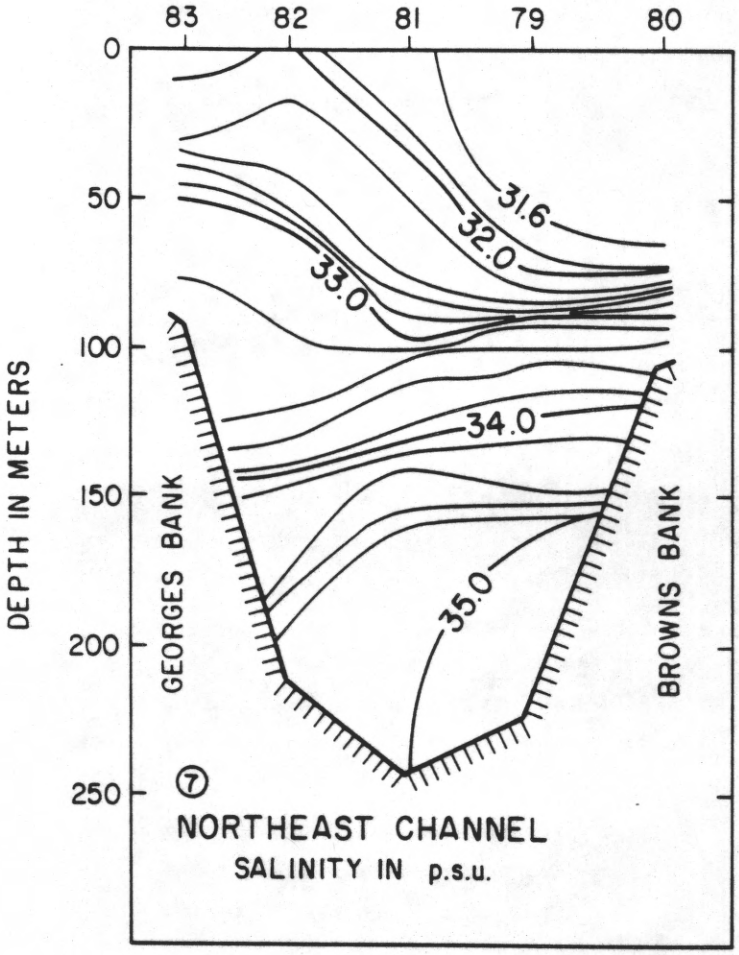

90
89
88
87/86
85
84
79
0
50
100
150
200
250
300
DEPTH IN METERS
32.0
33.0
34.0
35.0
NORTH
EAST
CHANNEL
⑥
GEORGES BASIN
SALINITY IN p.s.u.

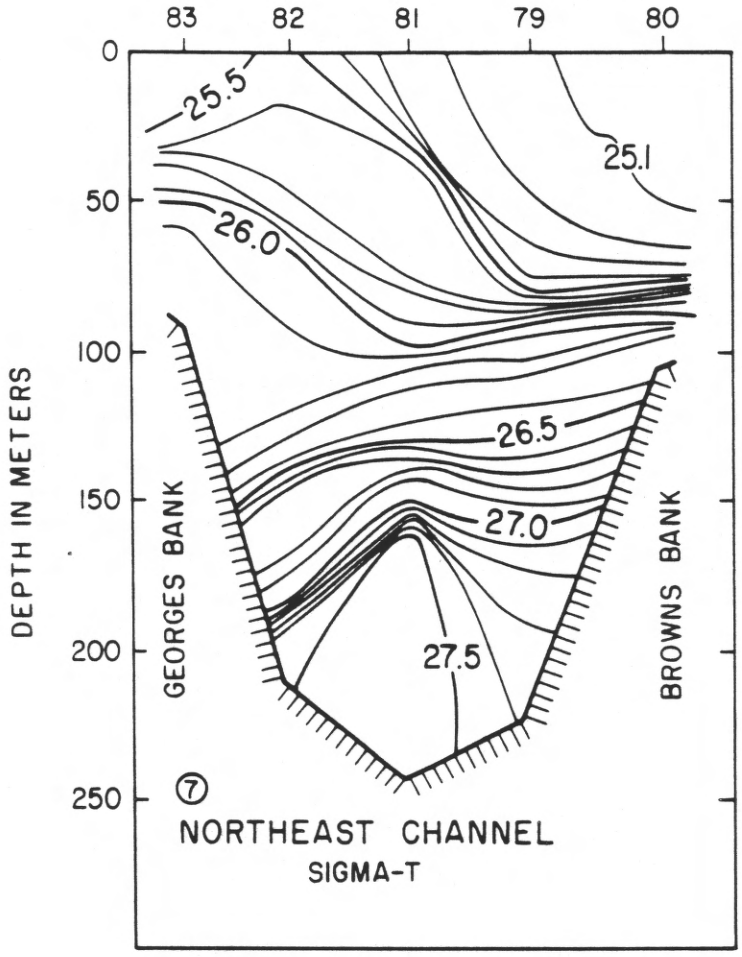

90
89
88
87/86
85
84
79
0
50
100
150
200
250
300
DEPTH IN METERS
25.9
25.4
25.5
25.2
26.0
26.5
27.0
27.5
NORTH
EAST
CHANNEL
⑥
GEORGES BASIN
SIGMA-T

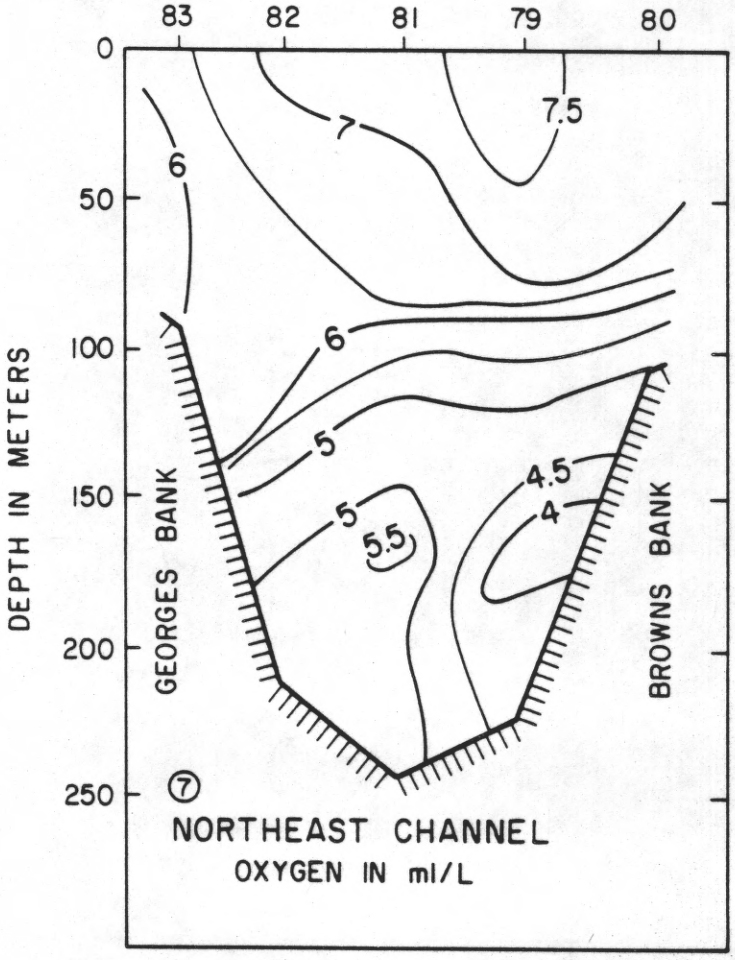

90
89
88
87/86
85
84
79
0
50
100
150
200
250
300
DEPTH IN METERS
NO DATA
7
5
4
4.5
NORTH
EAST
CHANNEL
⑥
GEORGES BASIN
OXYGEN IN ml/L

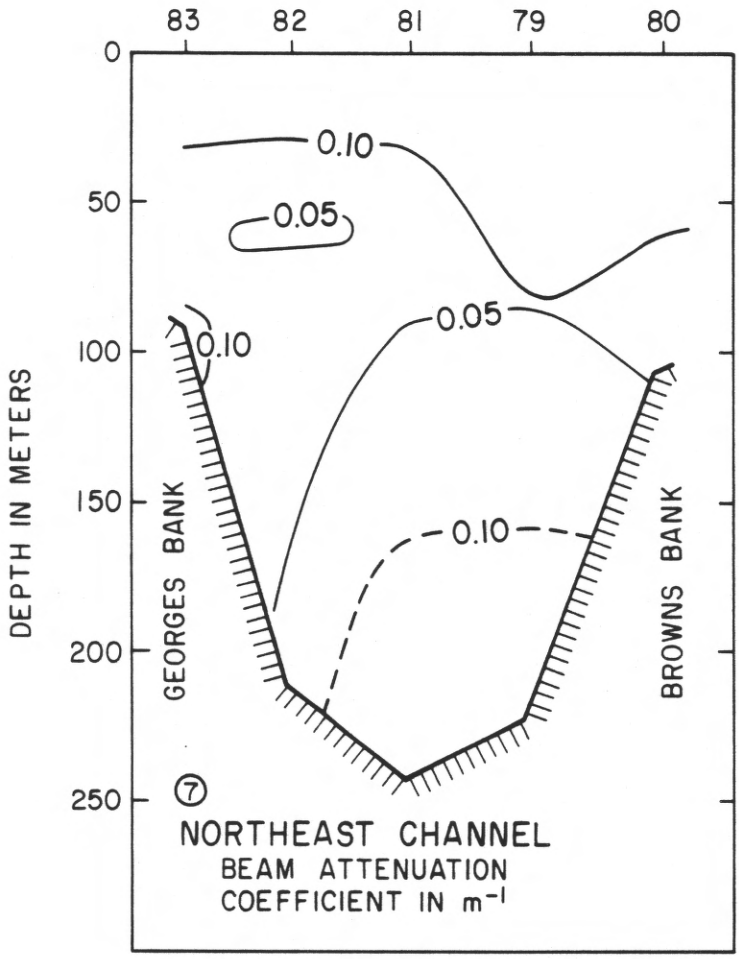

90
89
88
87/86
85
84
79
0
50
100
150
200
250
300
DEPTH IN METERS
0.10
0.10
0.10
0.05
0.01
0.20
0.30
0.10
0.30
NORTH
EAST
CHANNEL
⑥
GEORGES BASIN
BEAM ATTENUATION
COEFFICIENT IN m⁻¹

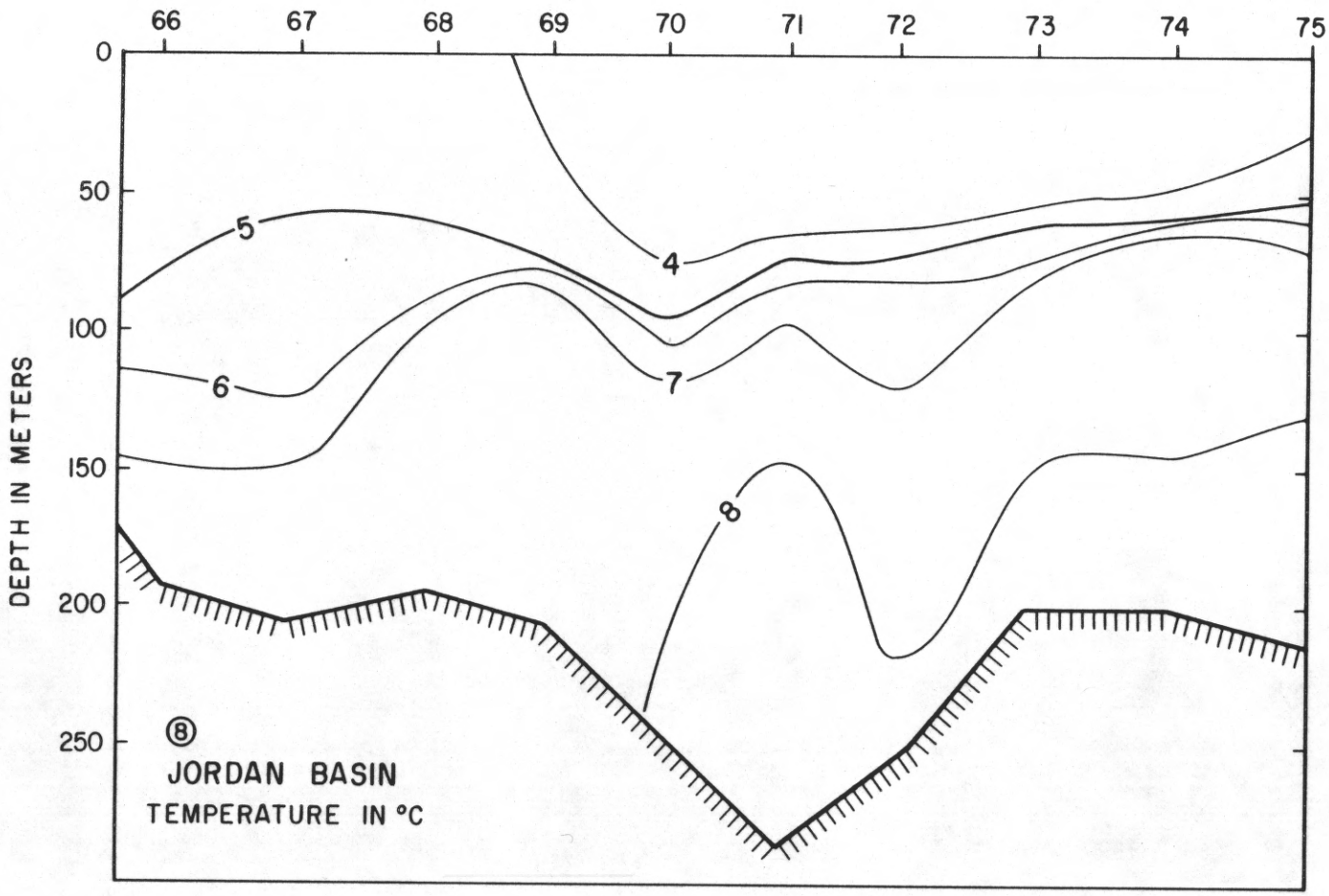

83
82
81
79
80
0
50
100
150
200
250
DEPTH IN METERS
3
5
6
7
8
9
7
6
GEORGES BANK
BROWNS BANK
7
NORTHEAST CHANNEL
TEMPERATURE IN °C

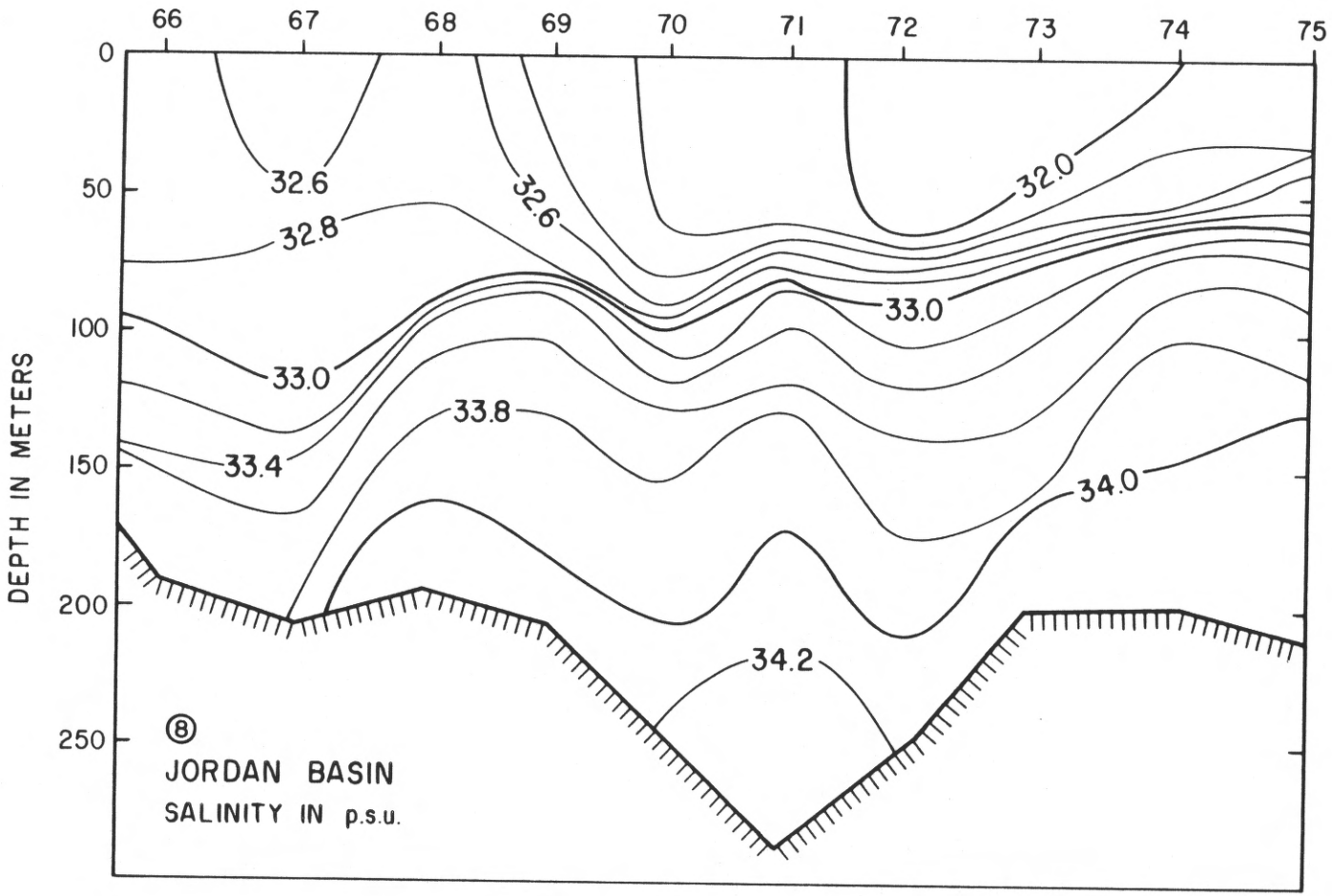

83
82
81
79
80
0
50
100
150
200
250
DEPTH IN METERS
31.6
32.0
33.0
34.0
35.0
GEORGES BANK
BROWNS BANK
7
NORTHEAST CHANNEL
SALINITY IN p.s.u.

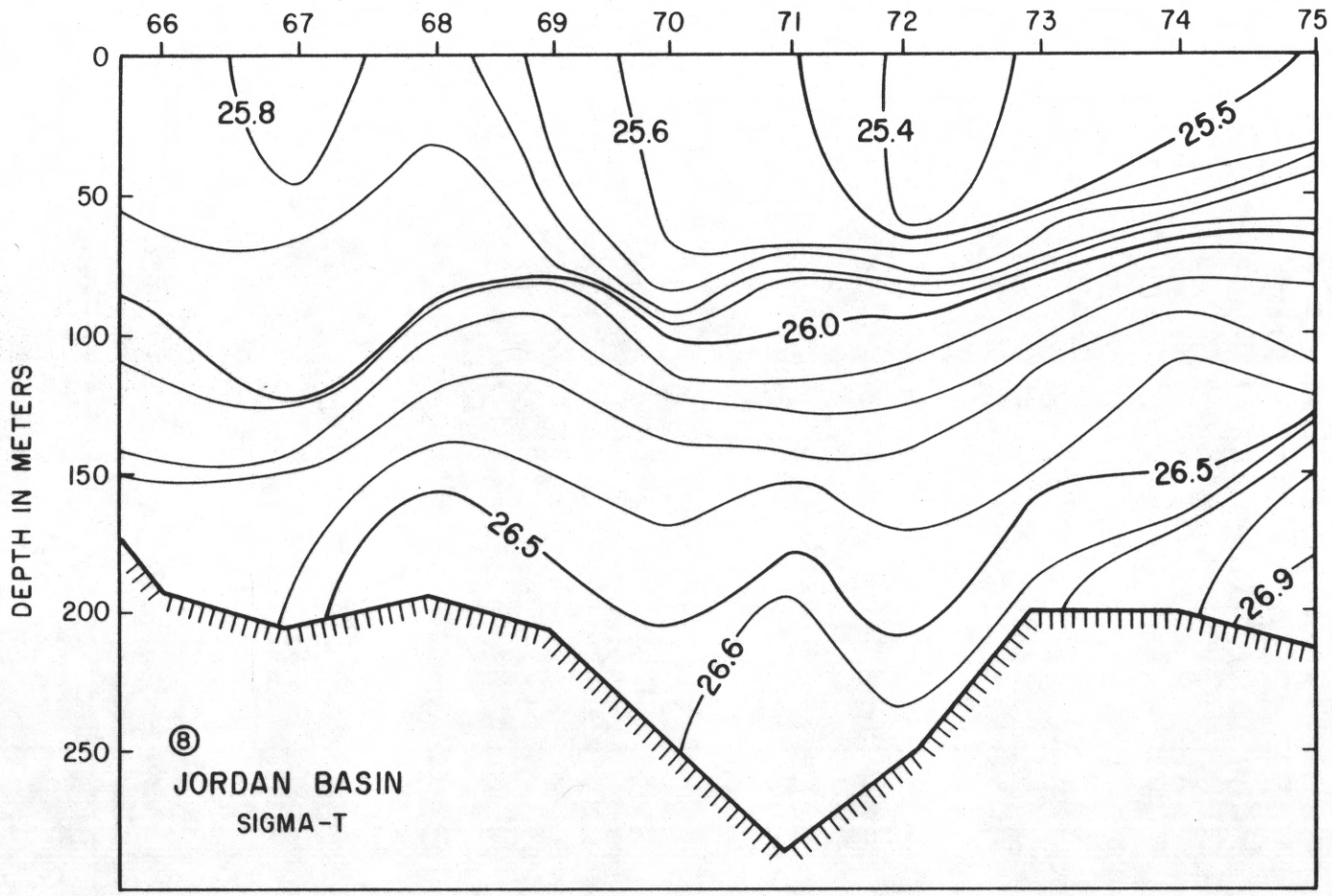

83
82
81
79
80
0
50
100
150
200
250
DEPTH IN METERS
25.5
25.1
26.0
26.5
27.0
27.5
GEORGES BANK
BROWNS BANK
7
NORTHEAST CHANNEL
SIGMA-T

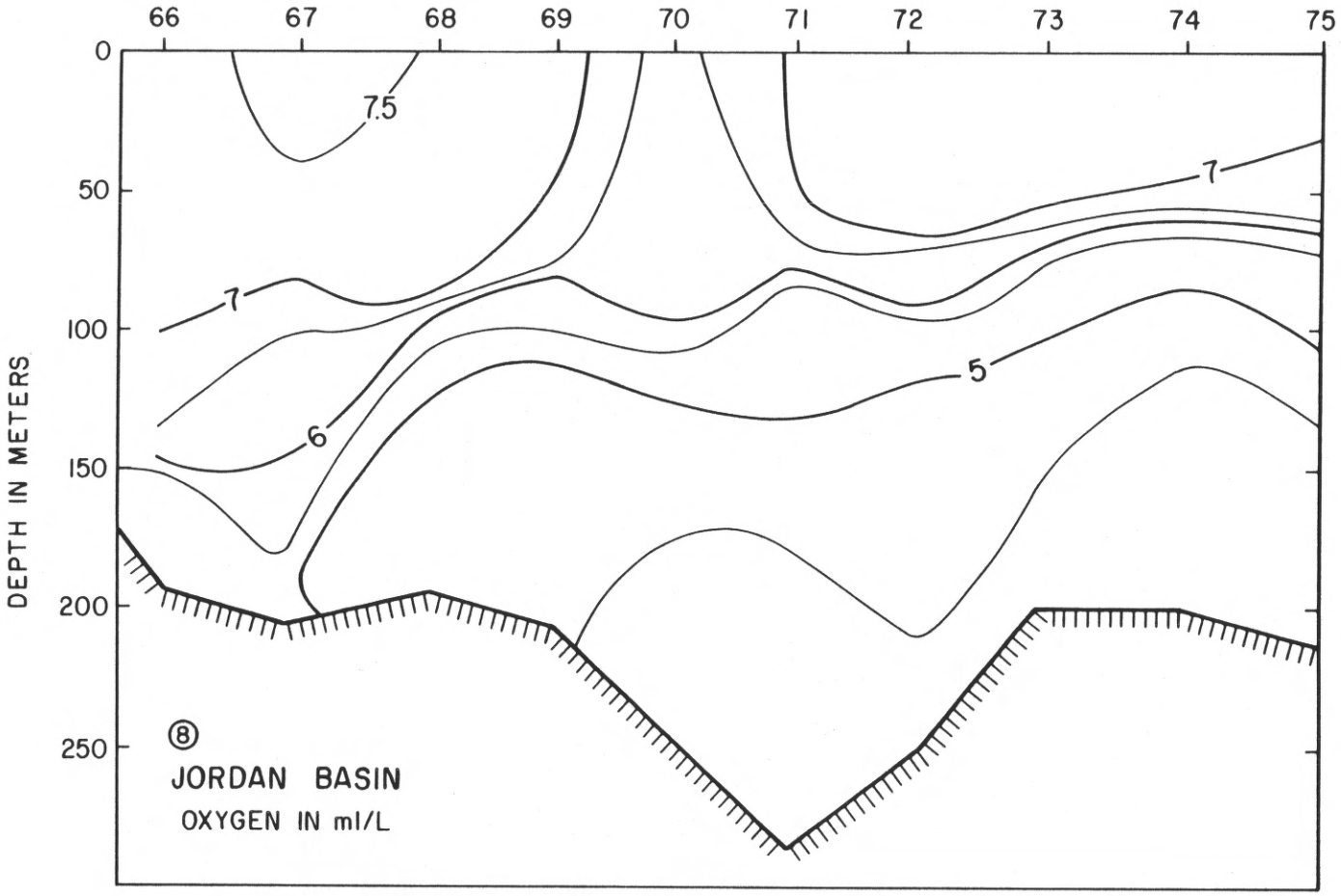

83
82
81
79
80
0
50
100
150
200
250
DEPTH IN METERS
7.5
7
6
6
5
5
5.5
4.5
4
GEORGES BANK
BROWNS BANK
7
NORTHEAST CHANNEL
OXYGEN IN ml/L

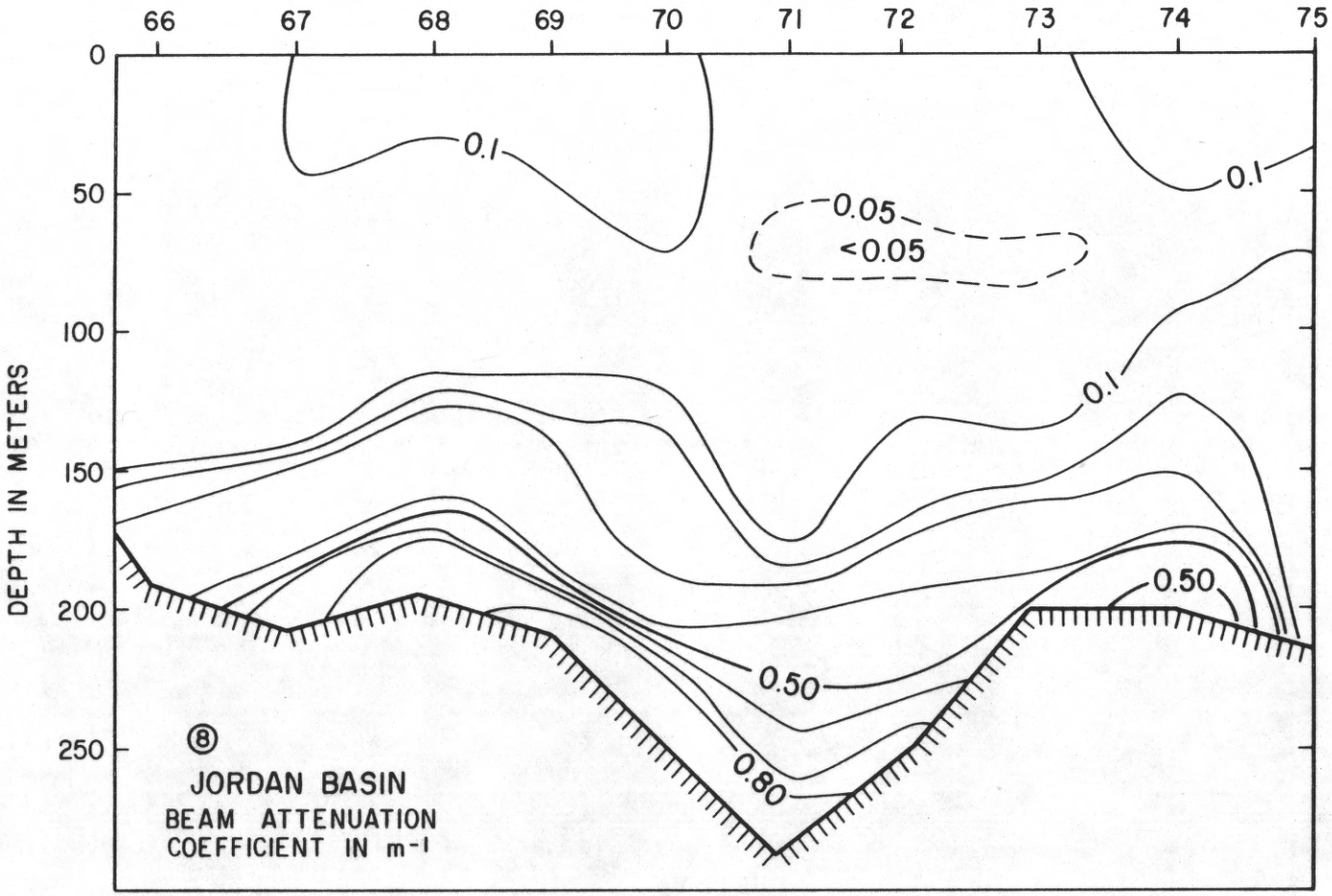

83
82
81
79
80
0
50
100
150
200
250
DEPTH IN METERS
0.10
0.05
0.05
0.10
0.10
GEORGES BANK
BROWNS BANK
7
NORTHEAST CHANNEL
BEAM ATTENUATION
COEFFICIENT IN m⁻¹

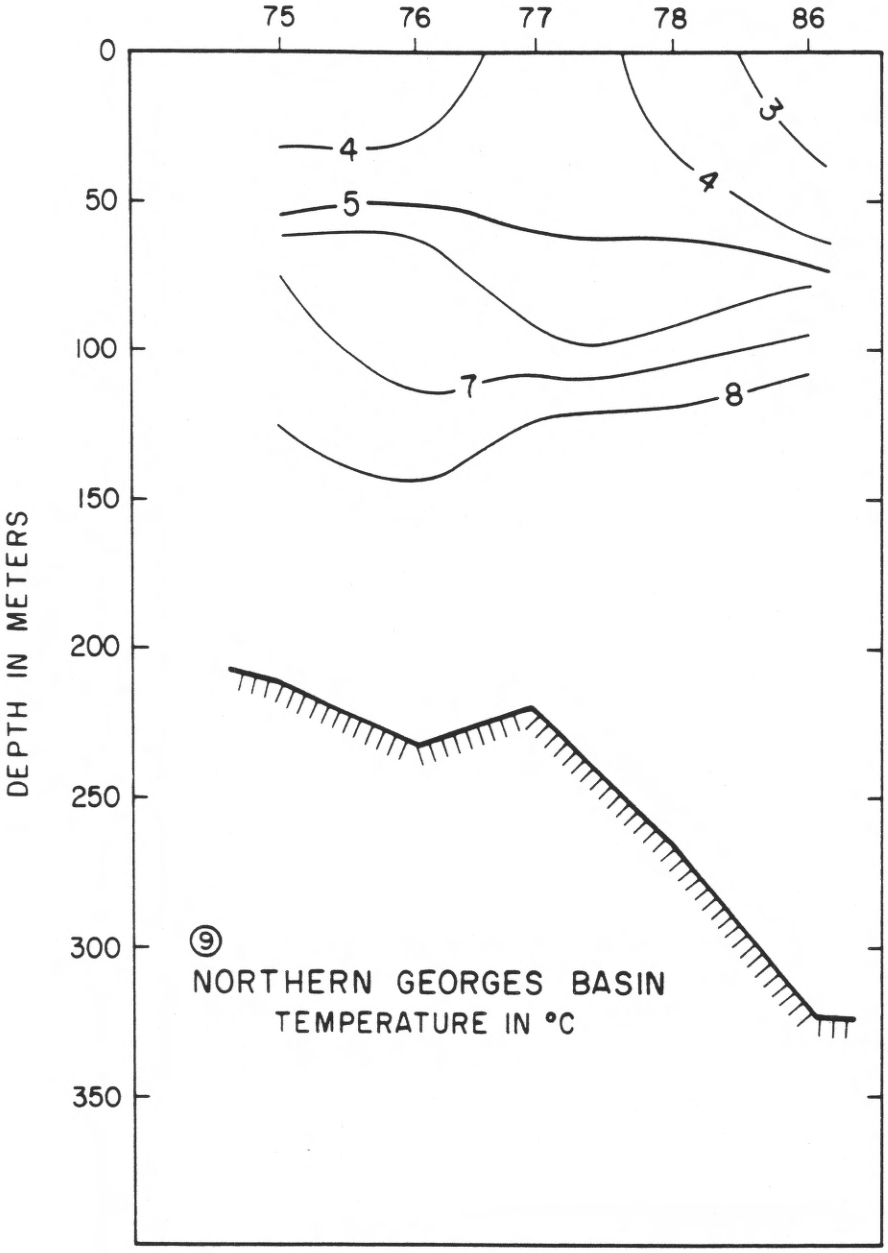

66
67
68
69
70
71
72
73
74
75
0
50
100
150
200
250
DEPTH IN METERS
4
5
6
7
8
⑧
JORDAN BASIN
TEMPERATURE IN °C

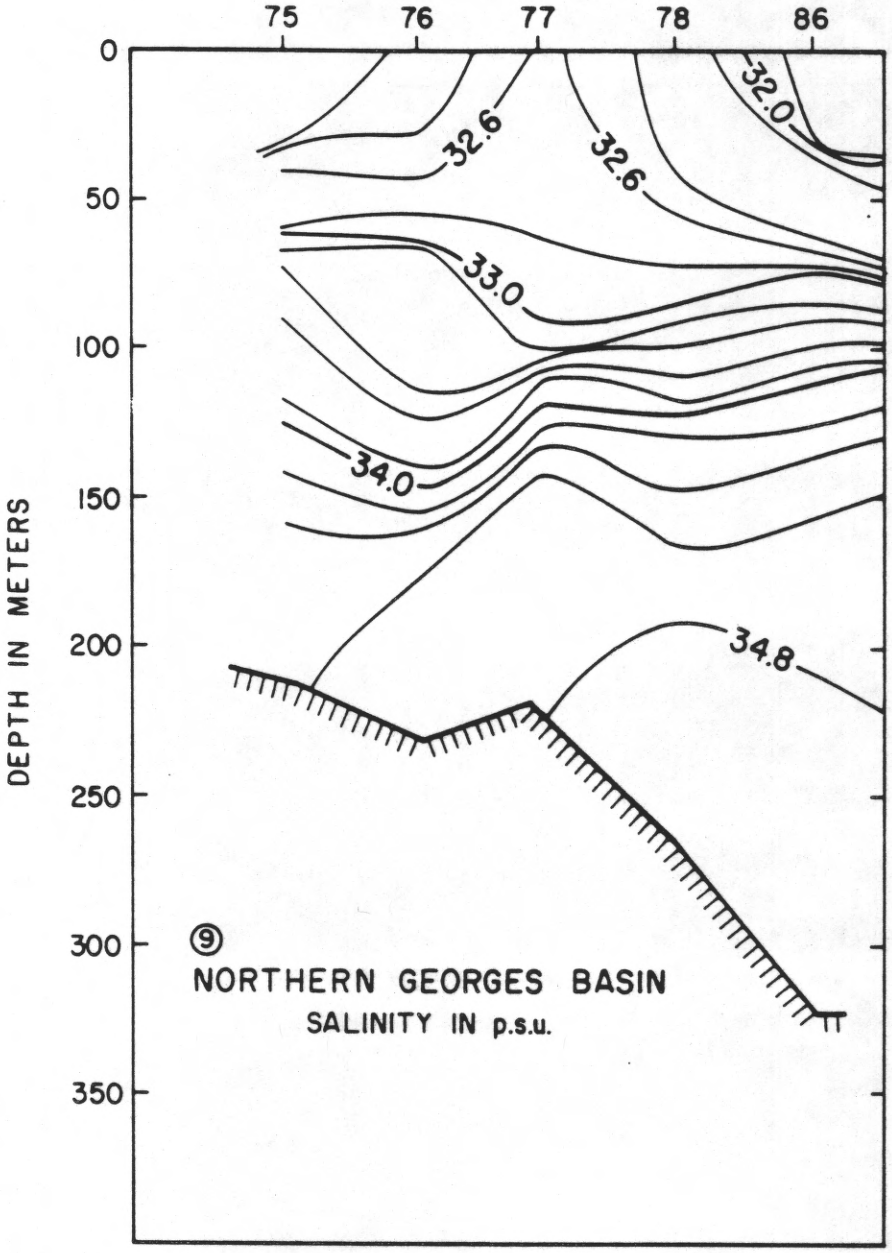

66
67
68
69
70
71
72
73
74
75
0
50
100
150
200
250
DEPTH IN METERS
32.6
32.8
32.6
32.0
33.0
33.0
33.8
33.4
34.0
34.2
⑧
JORDAN BASIN
SALINITY IN p.s.u.

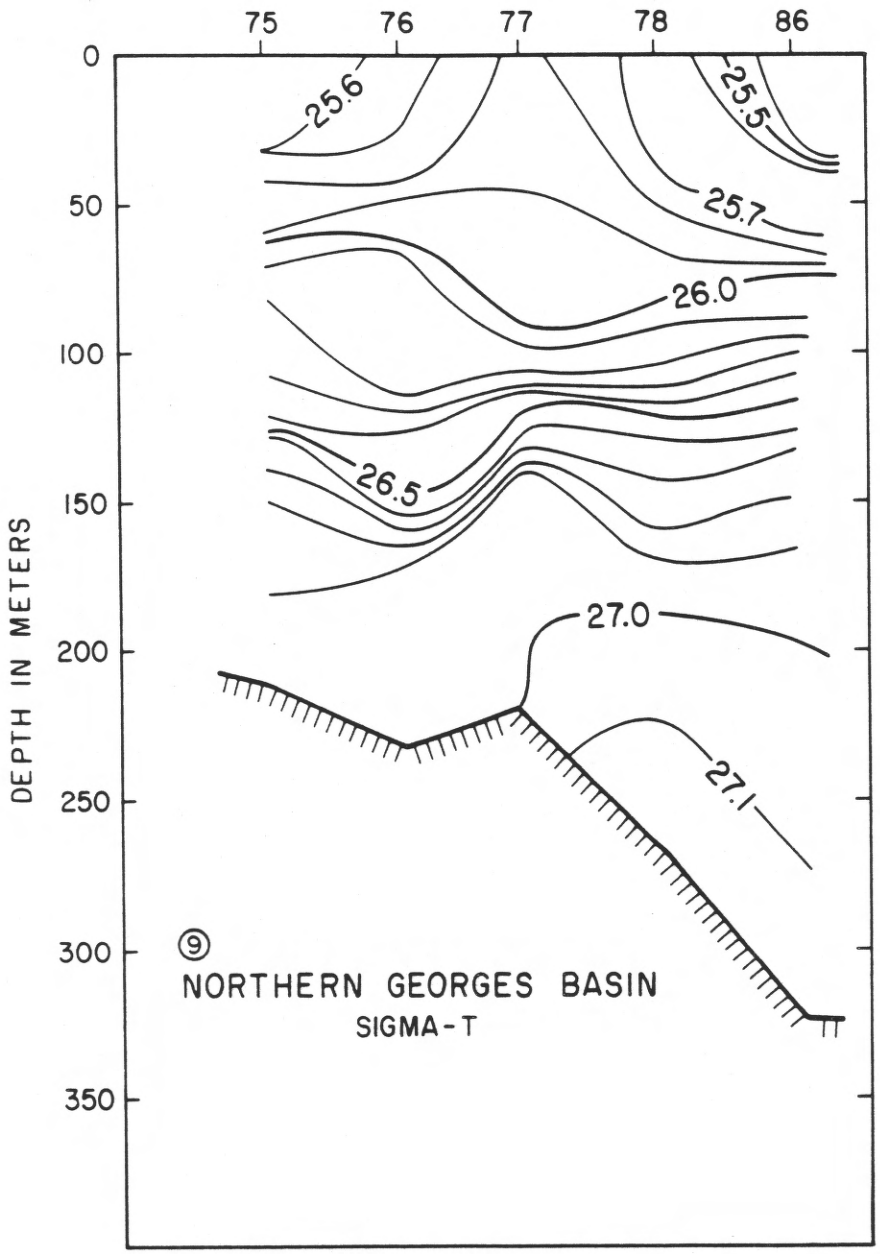

66
67
68
69
70
71
72
73
74
75
0
50
100
150
200
250
DEPTH IN METERS
25.8
25.6
25.4
25.5
26.0
26.5
26.5
26.6
26.9
⑧
JORDAN BASIN
SIGMA-T

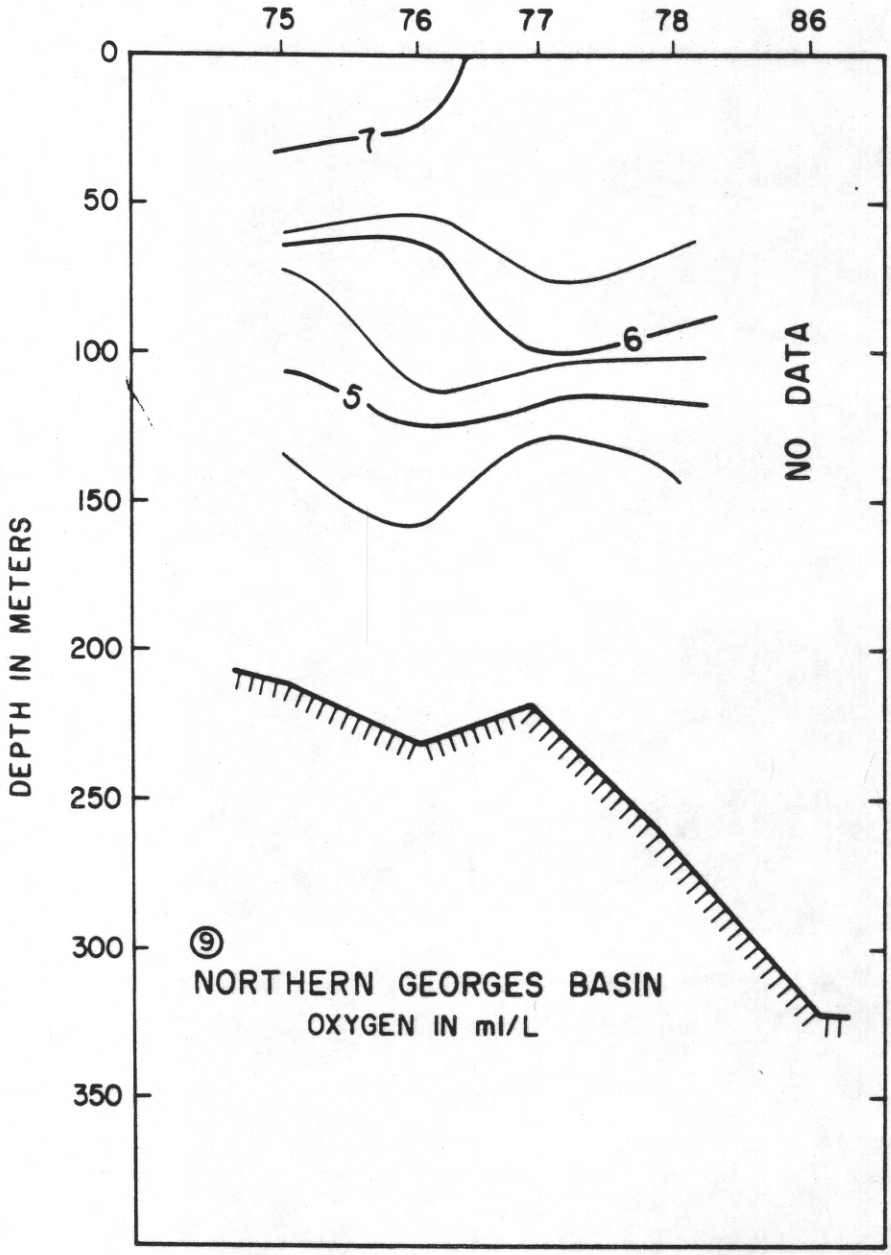

66
67
68
69
70
71
72
73
74
75
0
50
100
150
200
250
DEPTH IN METERS
7.5
7
7
6
5
⑧
JORDAN BASIN
OXYGEN IN ml/L

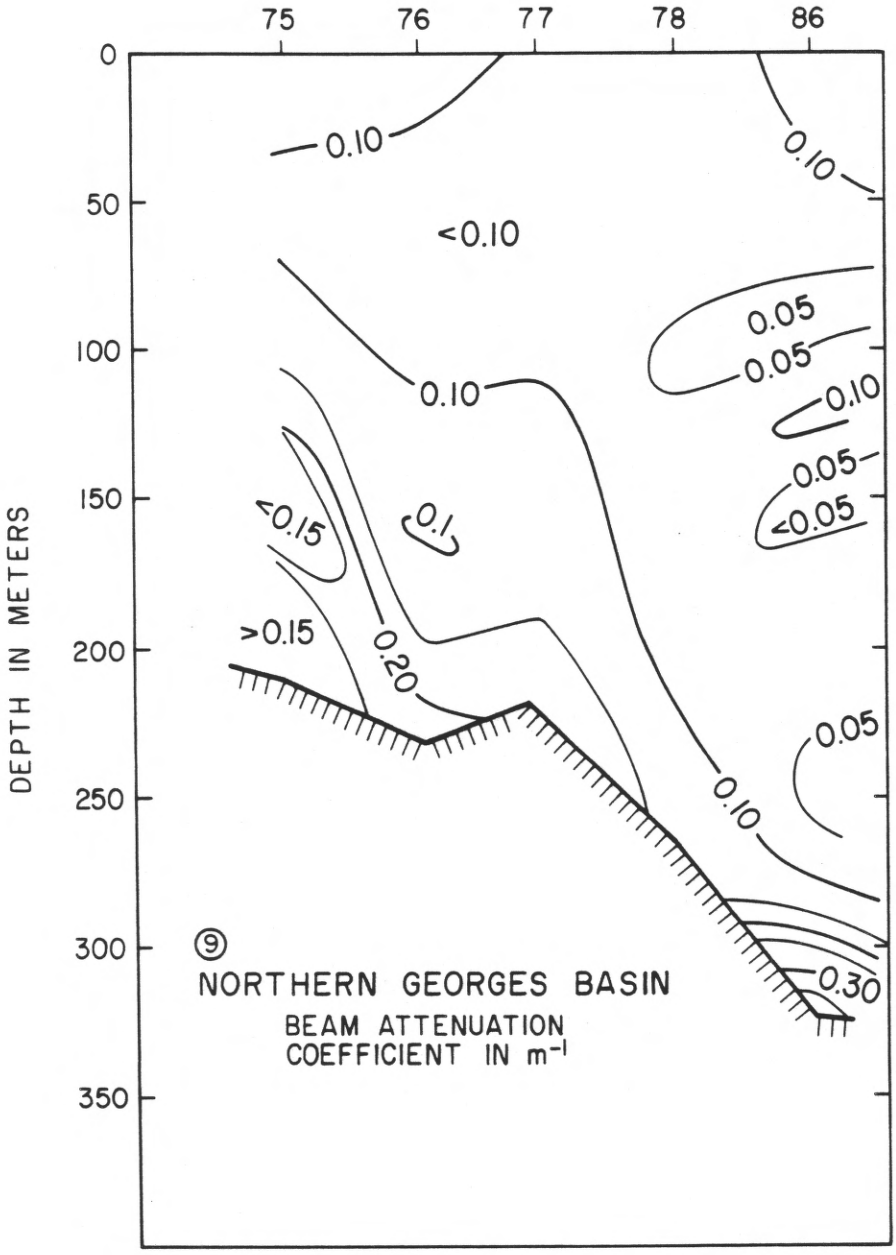

66
67
68
69
70
71
72
73
74
75
0
50
100
150
200
250
DEPTH IN METERS
0.1
0.1
0.05
<0.05
0.1
0.50
0.50
0.80
⑧
JORDAN BASIN
BEAM ATTENUATION
COEFFICIENT IN m-1

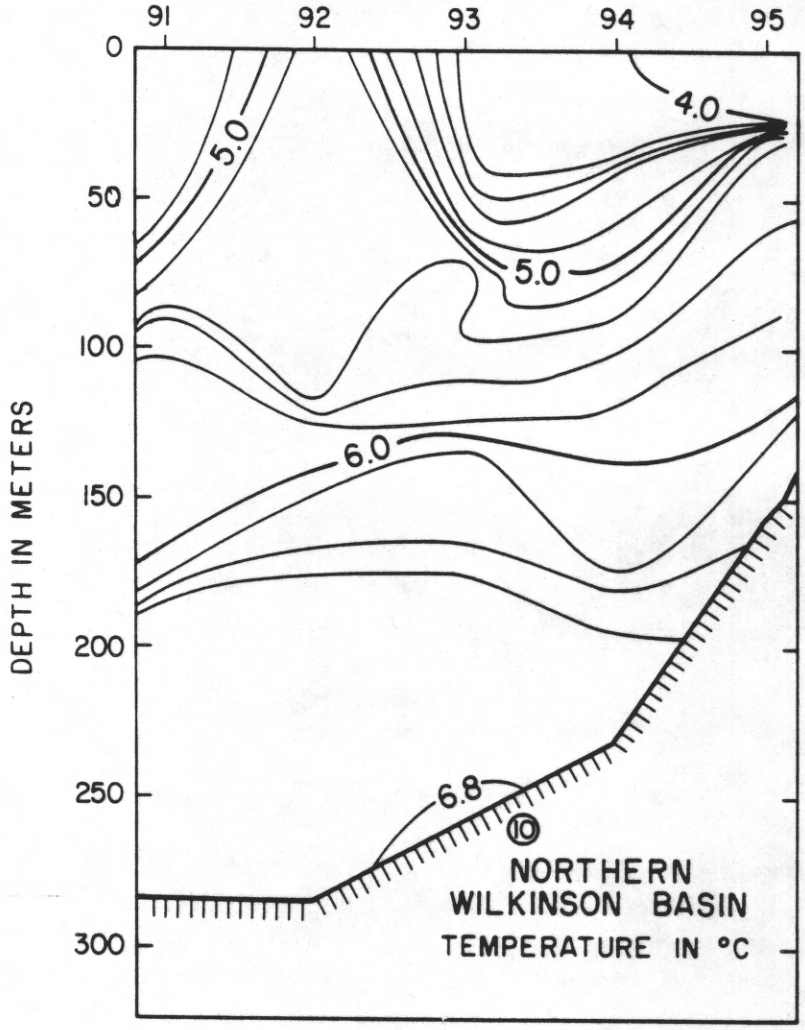

75
76
77
78
86
0
50
100
150
200
250
300
350
DEPTH IN METERS
4
5
7
8
4
3
⑨
NORTHERN GEORGES BASIN
TEMPERATURE IN °C

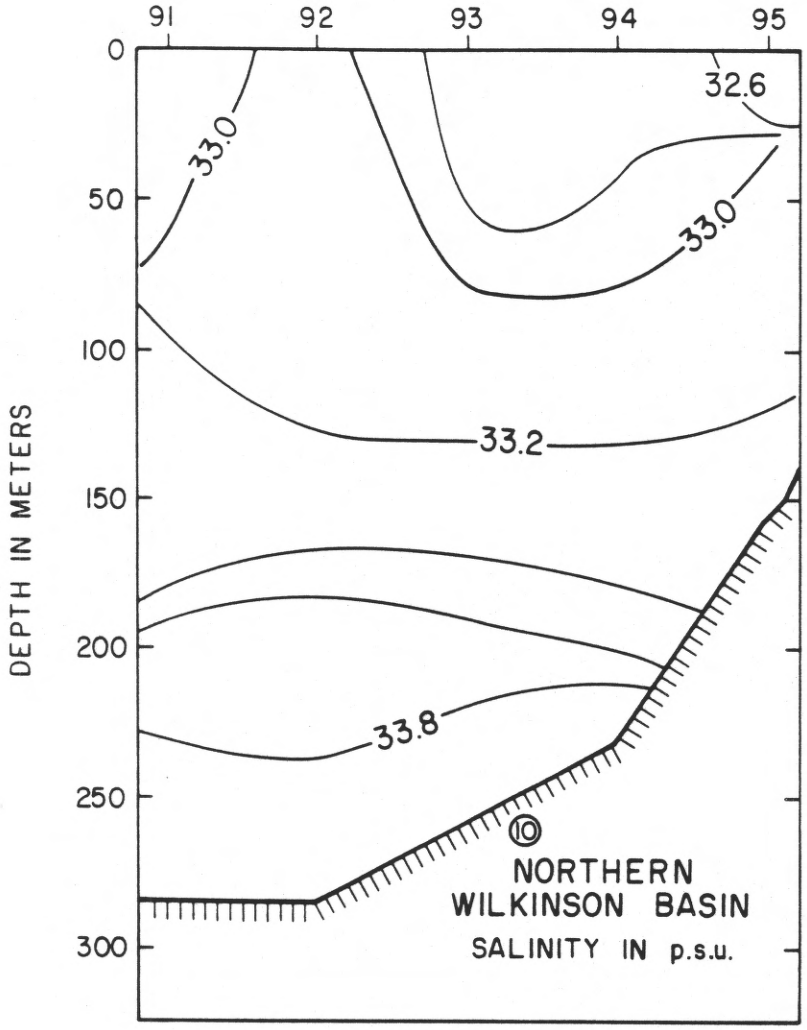

75
76
77
78
86
0
50
100
150
200
250
300
350
DEPTH IN METERS
32.0
32.6
32.6
33.0
34.0
34.8
⑨
NORTHERN GEORGES BASIN
SALINITY IN p.s.u.

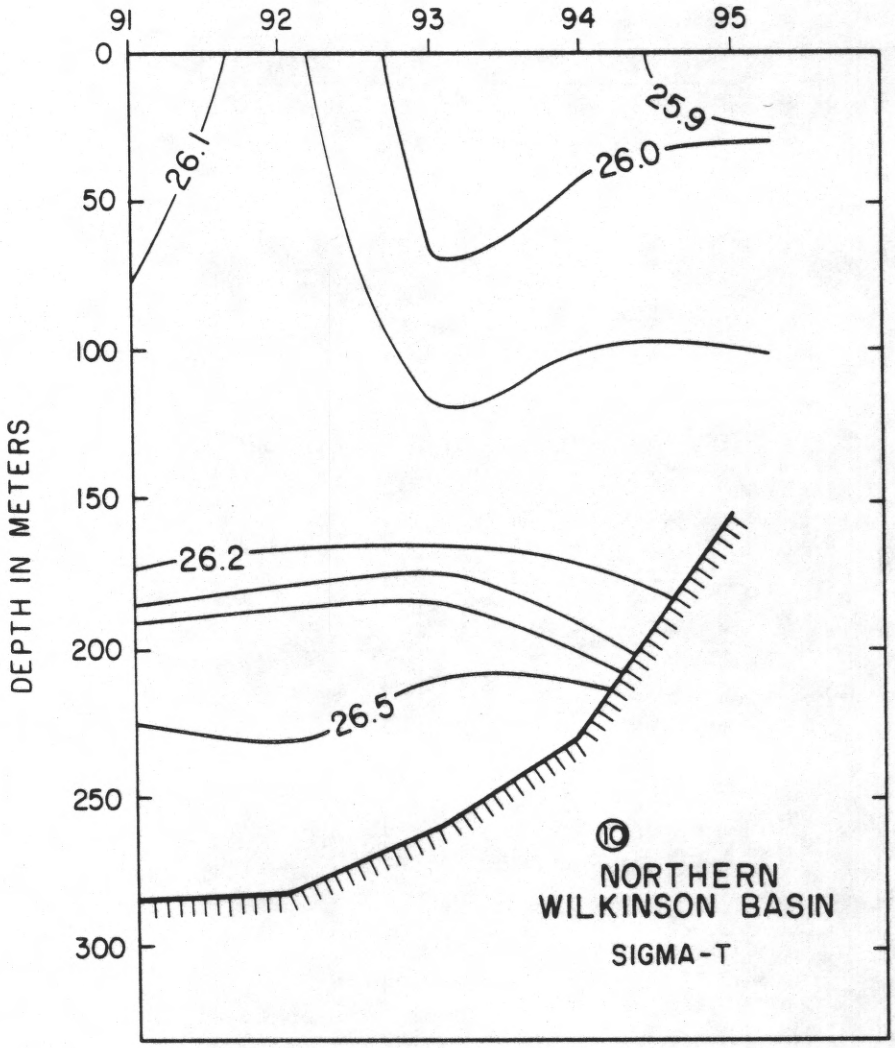

75
76
77
78
86
0
50
100
150
200
250
300
350
DEPTH IN METERS
25.6
25.5
25.7
26.0
26.5
27.0
27.1
9
NORTHERN GEORGES BASIN
SIGMA-T

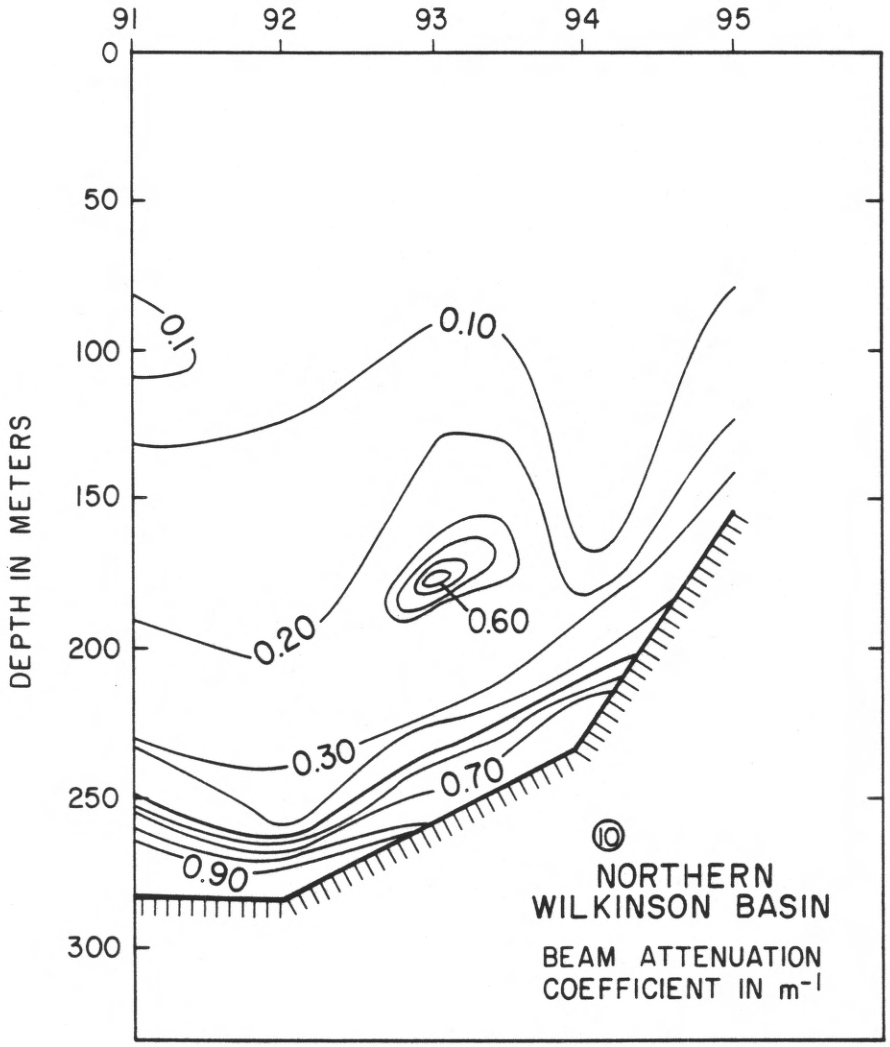

75
76
77
78
86
0
50
100
150
200
250
300
350
DEPTH IN METERS
7
6
5
NO DATA
⑨
NORTHERN GEORGES BASIN
OXYGEN IN ml/L


75
76
77
78
86
0
50
100
150
200
250
300
350
DEPTH IN METERS
0.10
0.10
<0.10
0.05
0.05
0.10
0.10
0.05
<0.05
<0.15
0.1
>0.15
0.20
0.05
0.10
0.30
⑨
NORTHERN GEORGES BASIN
BEAM ATTENUATION
COEFFICIENT IN m⁻¹


91
92
93
94
95
0
50
100
150
200
250
300
DEPTH IN METERS
4.0
5.0
5.0
6.0
6.8
10
NORTHERN
WILKINSON BASIN
TEMPERATURE IN °C

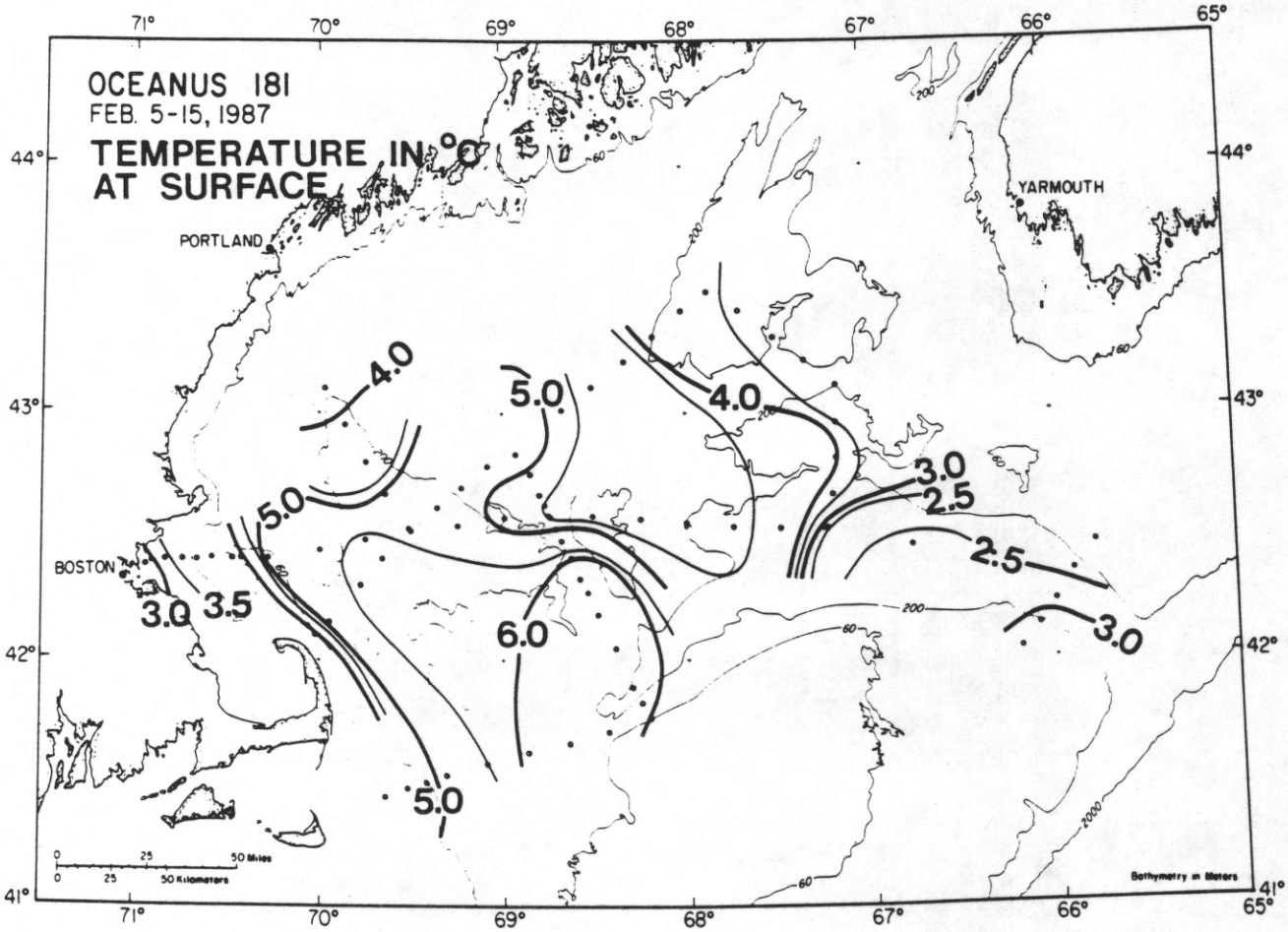

91
92
93
94
95
0
50
100
150
200
250
300
DEPTH IN METERS
32.6
33.0
33.0
33.2
33.8
10
NORTHERN
WILKINSON BASIN
SALINITY IN p.s.u.

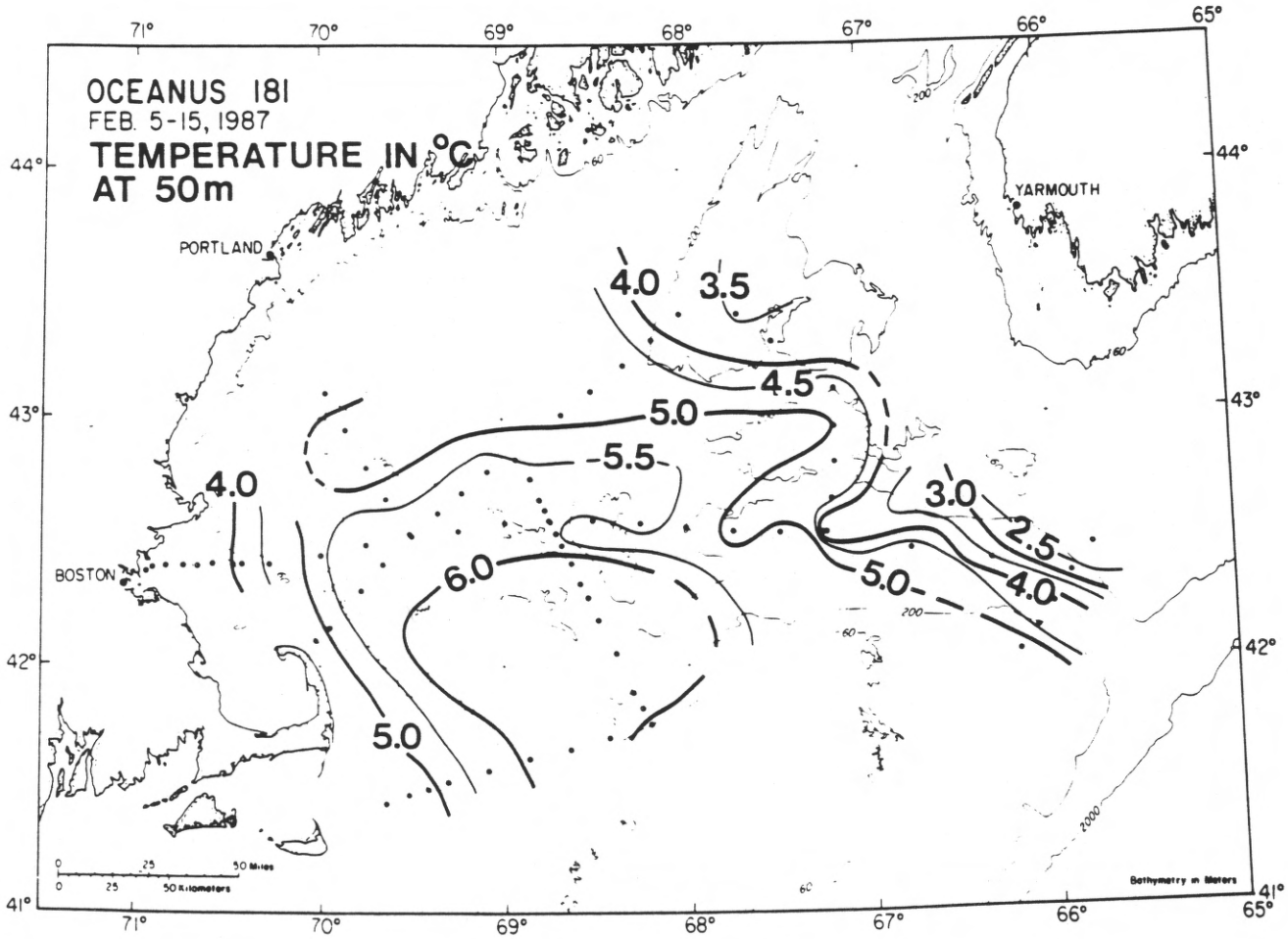

91
92
93
94
95
0
50
100
150
200
250
300
DEPTH IN METERS
26.1
25.9
26.0
26.2
26.5
⑩
NORTHERN
WILKINSON BASIN
SIGMA-T

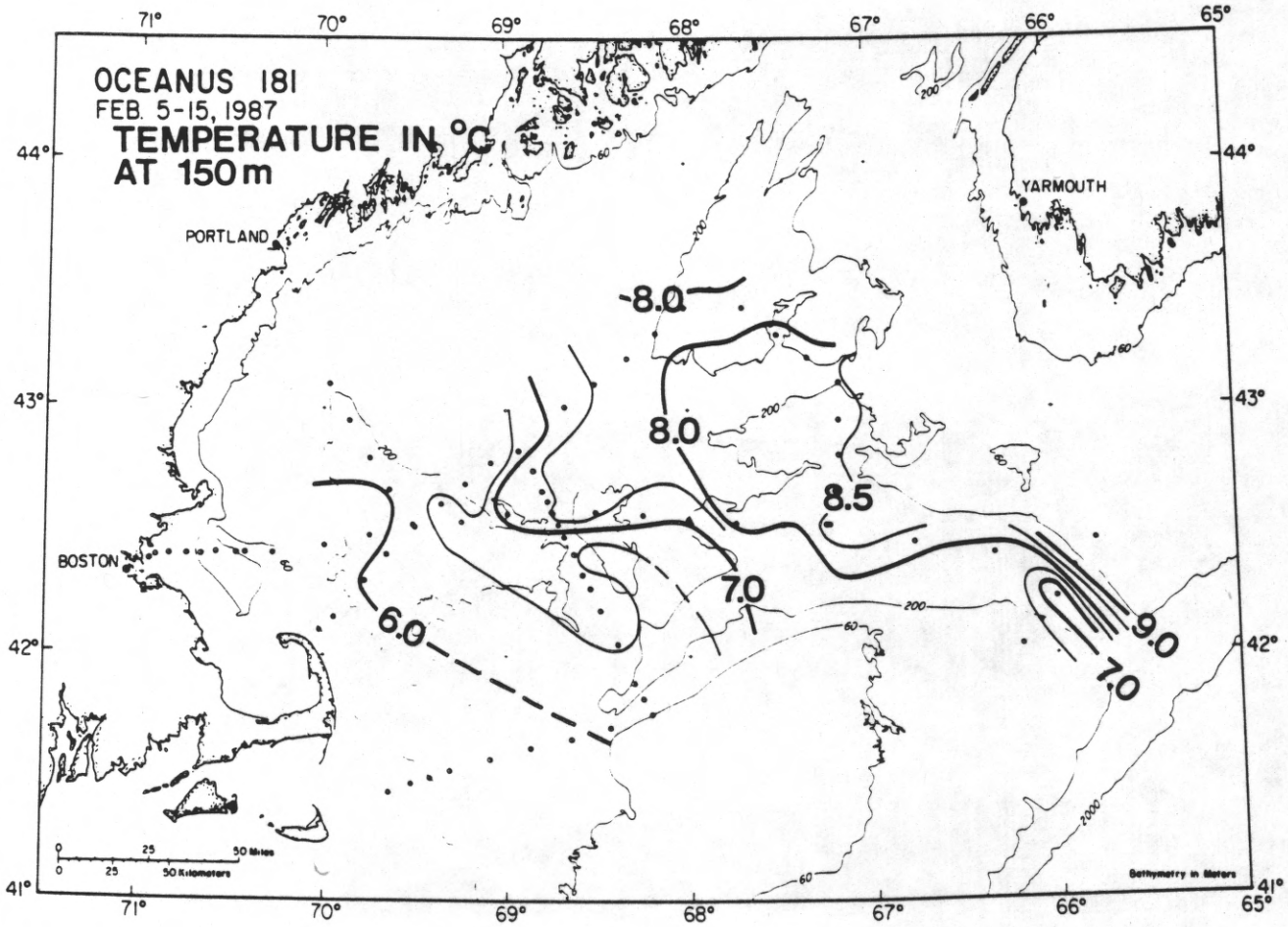

91
92
93
94
95
0
50
100
150
200
250
300
DEPTH IN METERS
0.1
0.10
0.20
0.30
0.60
0.70
0.90
⑩
NORTHERN
WILKINSON BASIN
BEAM ATTENUATION
COEFFICIENT IN m⁻¹

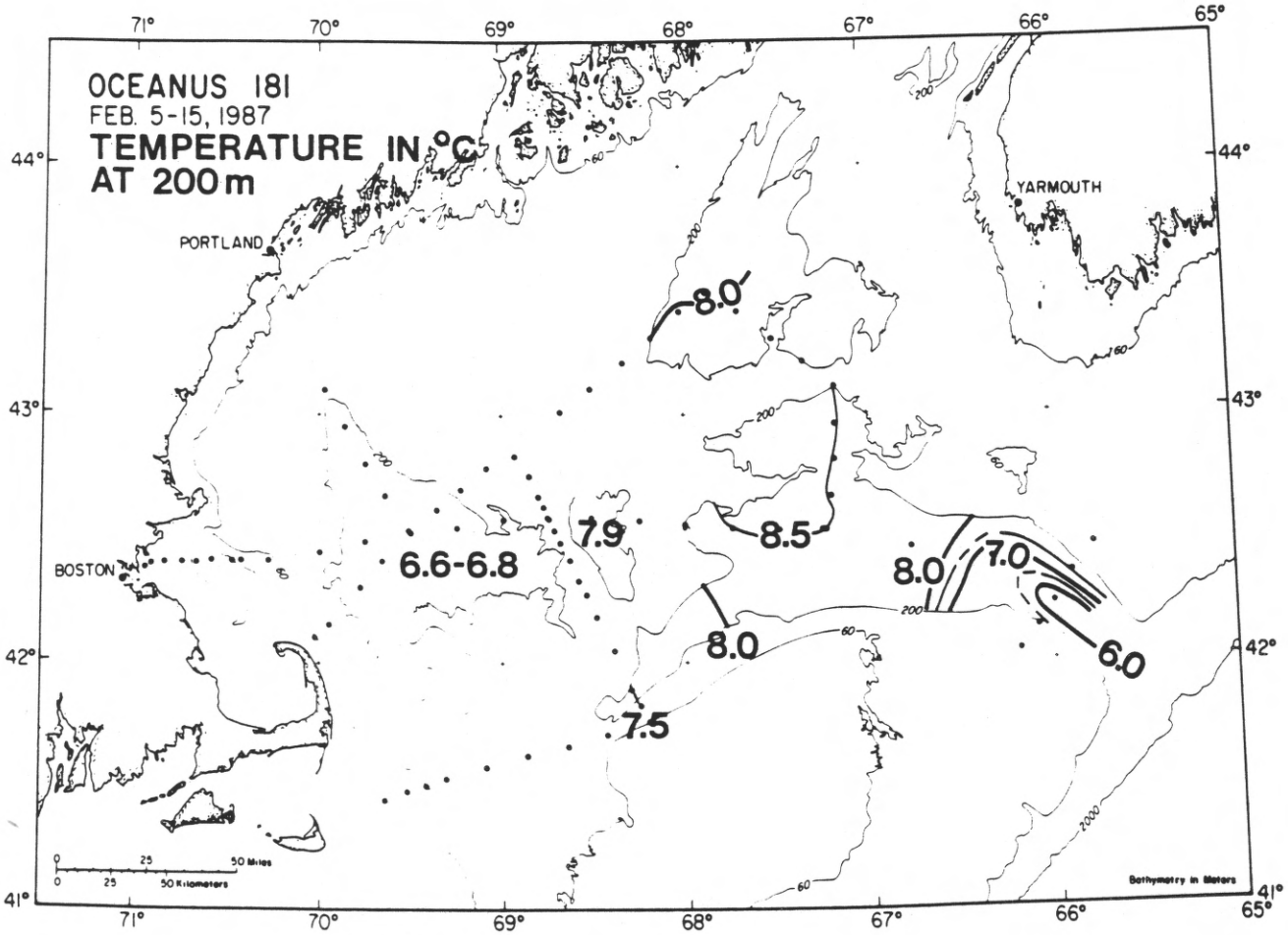
Horizontal sections

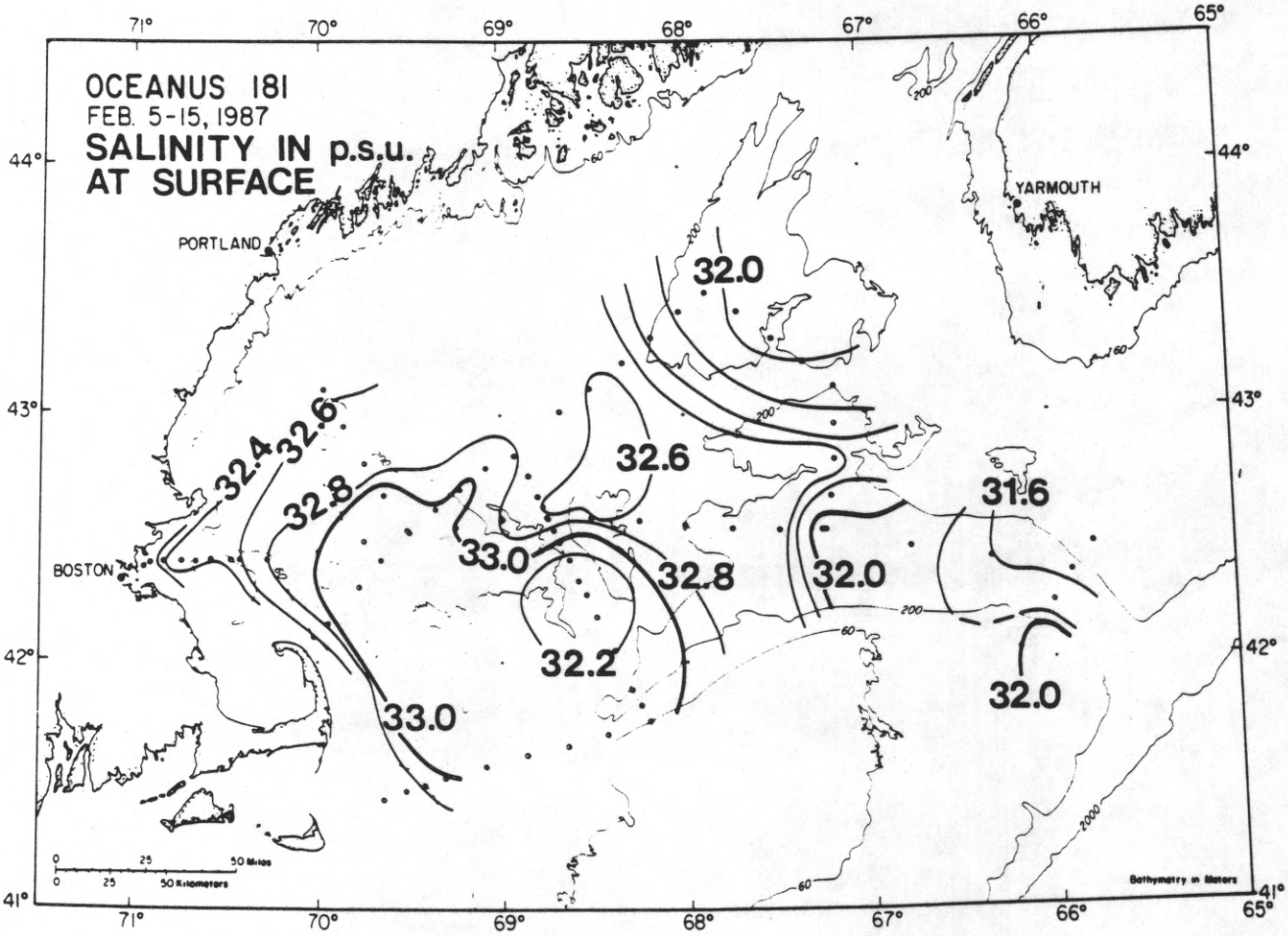
Horizontal sections were constructed on the surface, 50-, 150- and 200-dbar pressure surfaces for temperature, salinity, density, oxygen, and light attenuation coefficient. Dots indicate the location of stations that were used in contouring the section and all sections were contoured by hand.

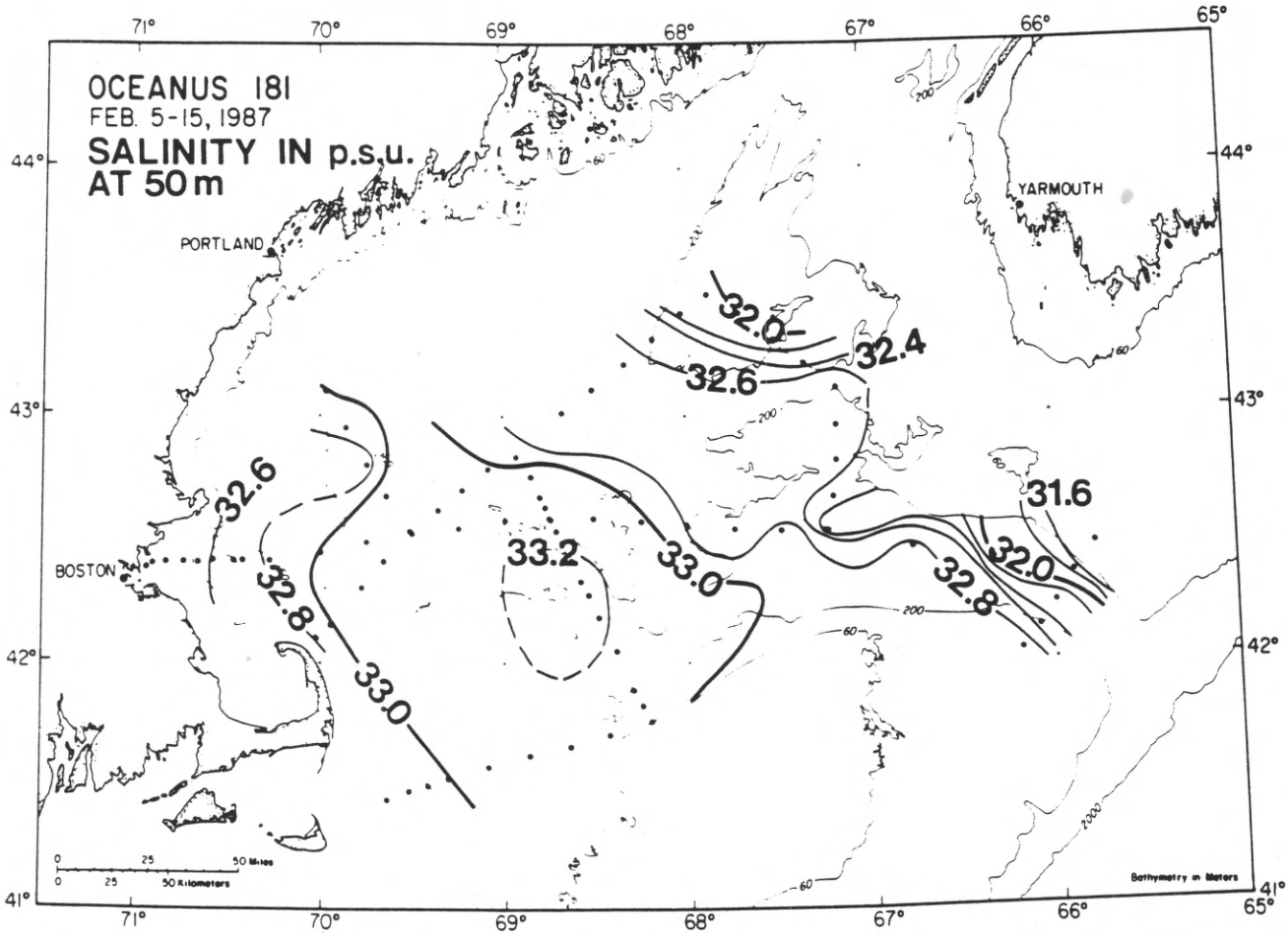

OCEANUS 181
FEB. 5-15, 1987
TEMPERATURE IN °C
AT SURFACE
PORTLAND
YARMOUTH
BOSTON
4.0
5.0
4.0
3.0
2.5
5.0
2.5
3.0
3.5
6.0
3.0
5.0
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters

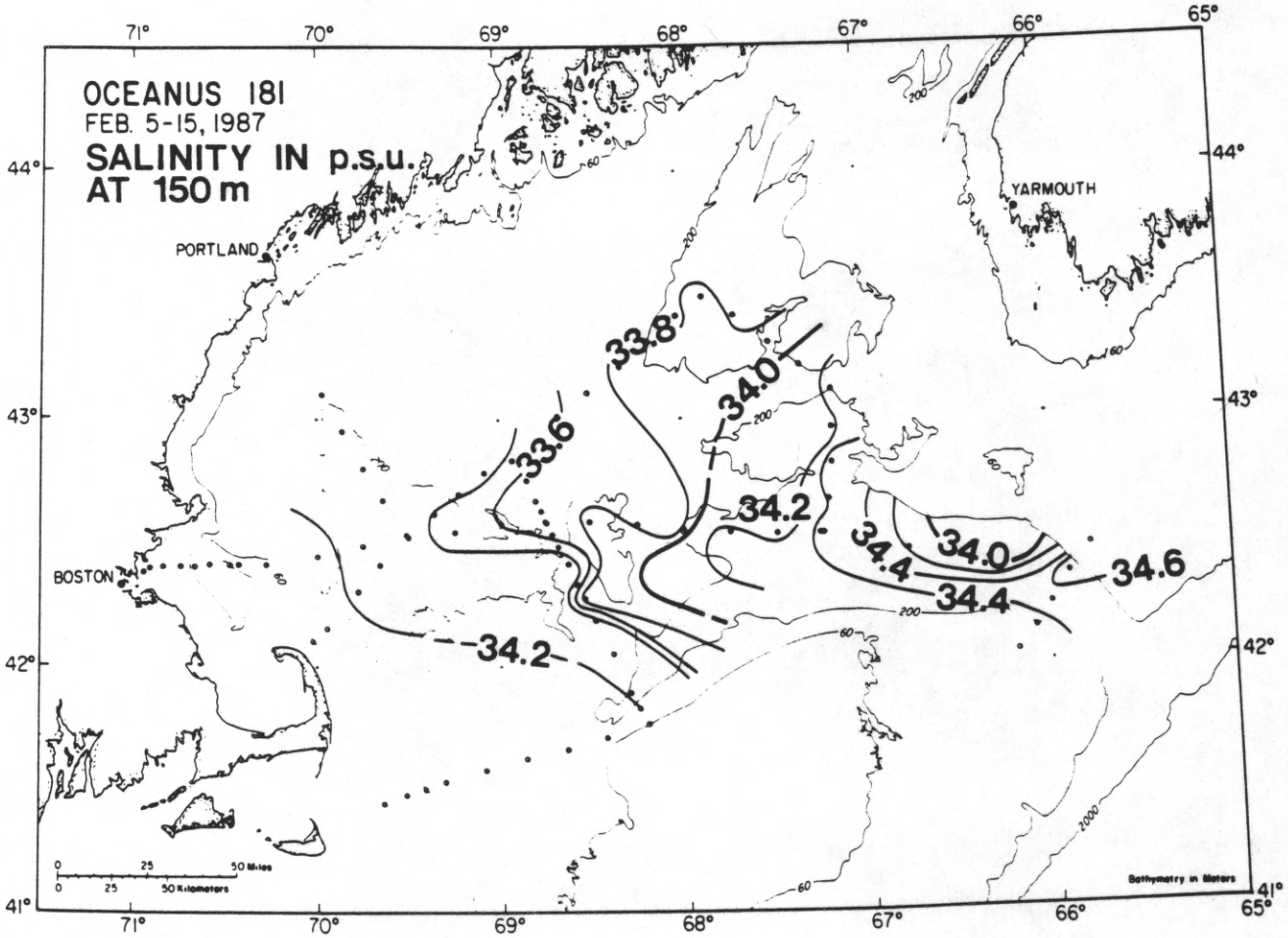

OCEANUS 181
FEB. 5-15, 1987
TEMPERATURE IN °C
AT 50m
PORTLAND
YARMOUTH
BOSTON
4.0
3.5
4.5
5.0
5.5
4.0
3.0
2.5
4.0
5.0
6.0
5.0
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters

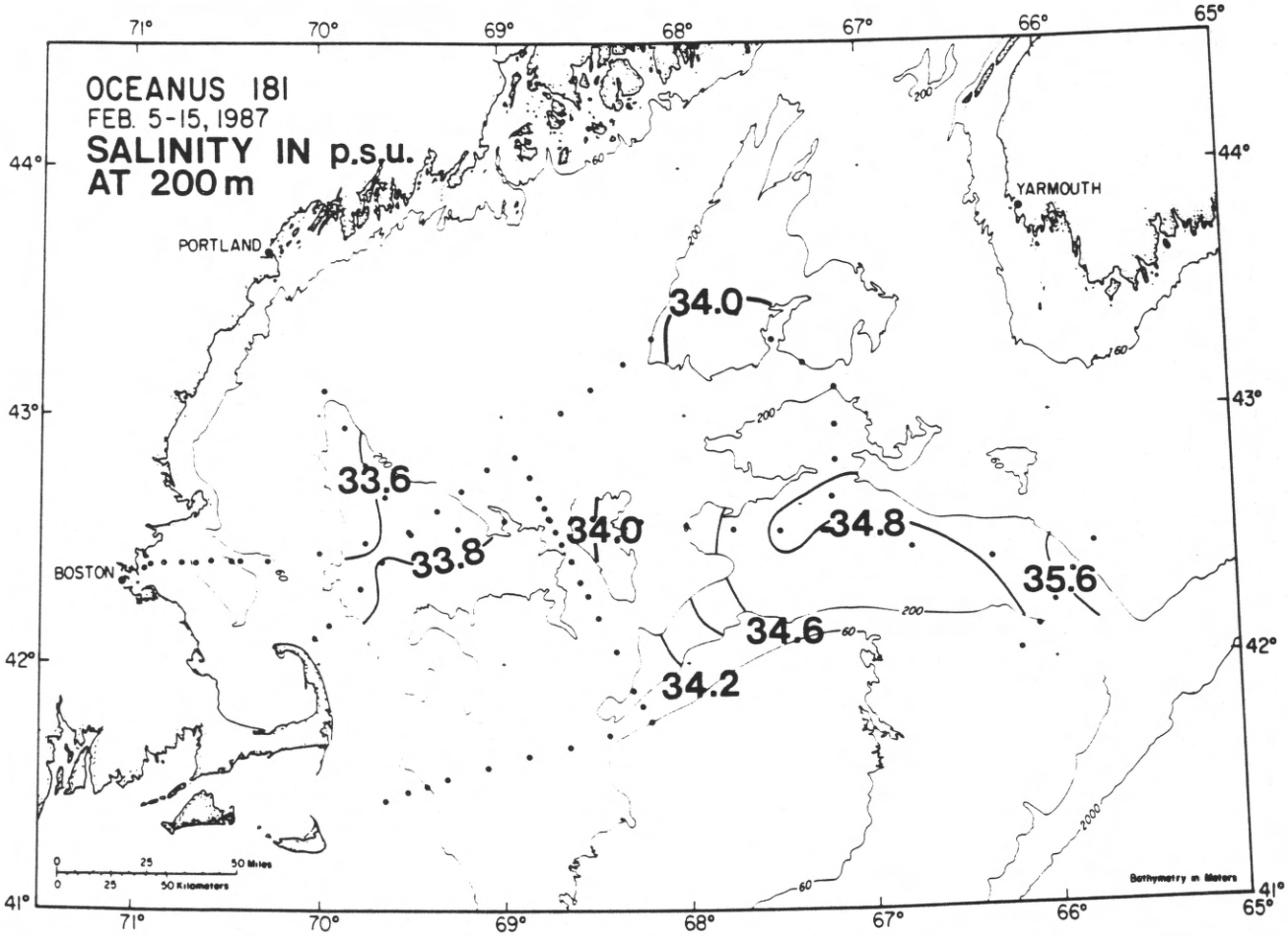

OCEANUS 181
FEB. 5-15, 1987
TEMPERATURE IN °C
AT 150m
PORTLAND
YARMOUTH
BOSTON
8.0
8.0
8.5
7.0
6.0
9.0
7.0
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters

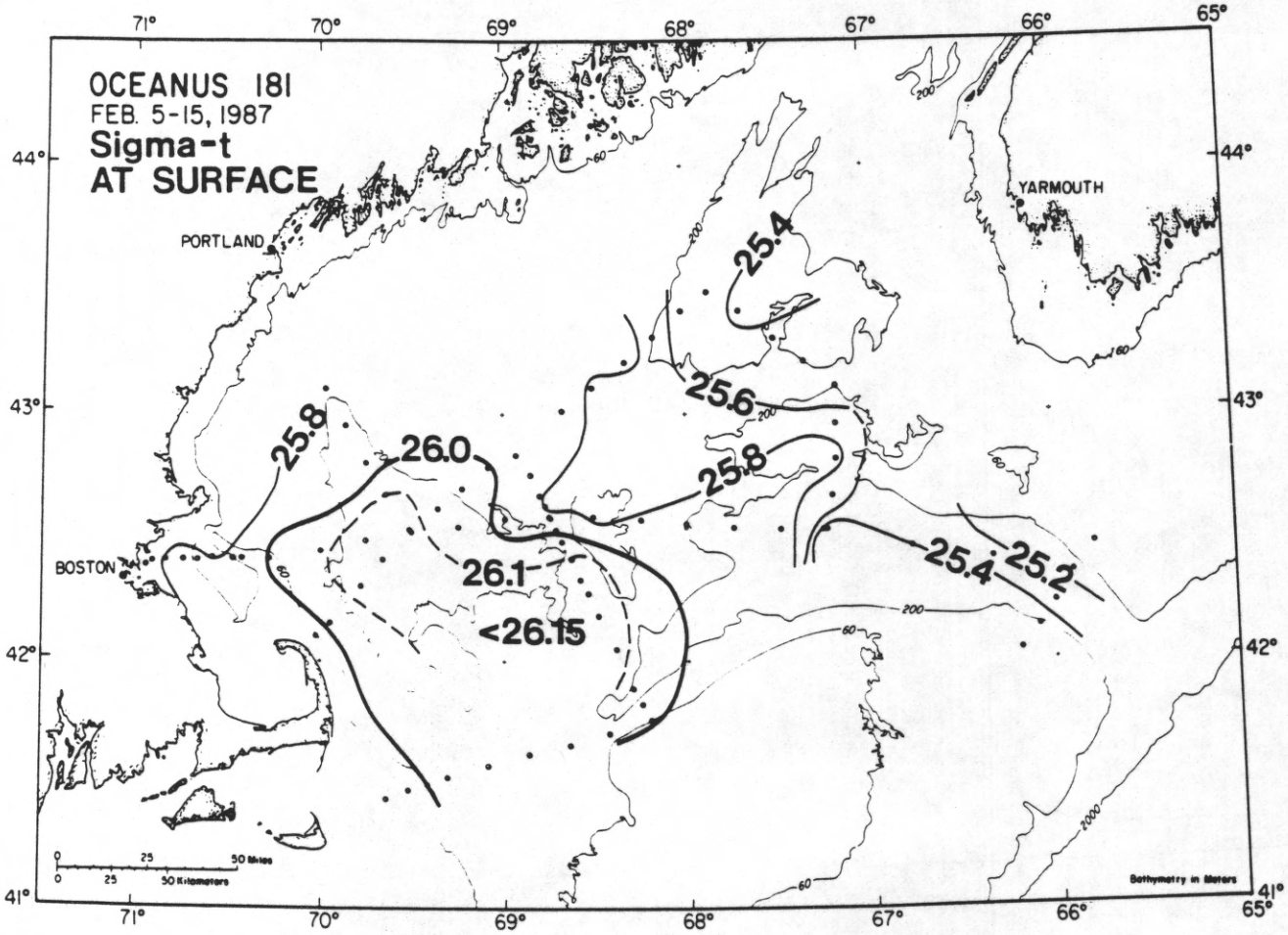

OCEANUS 181
FEB. 5-15, 1987
TEMPERATURE IN °C
AT 200m
PORTLAND
YARMOUTH
BOSTON
8.0
7.9
8.5
6.6-6.8
8.0
7.0
8.0
6.0
7.5
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters

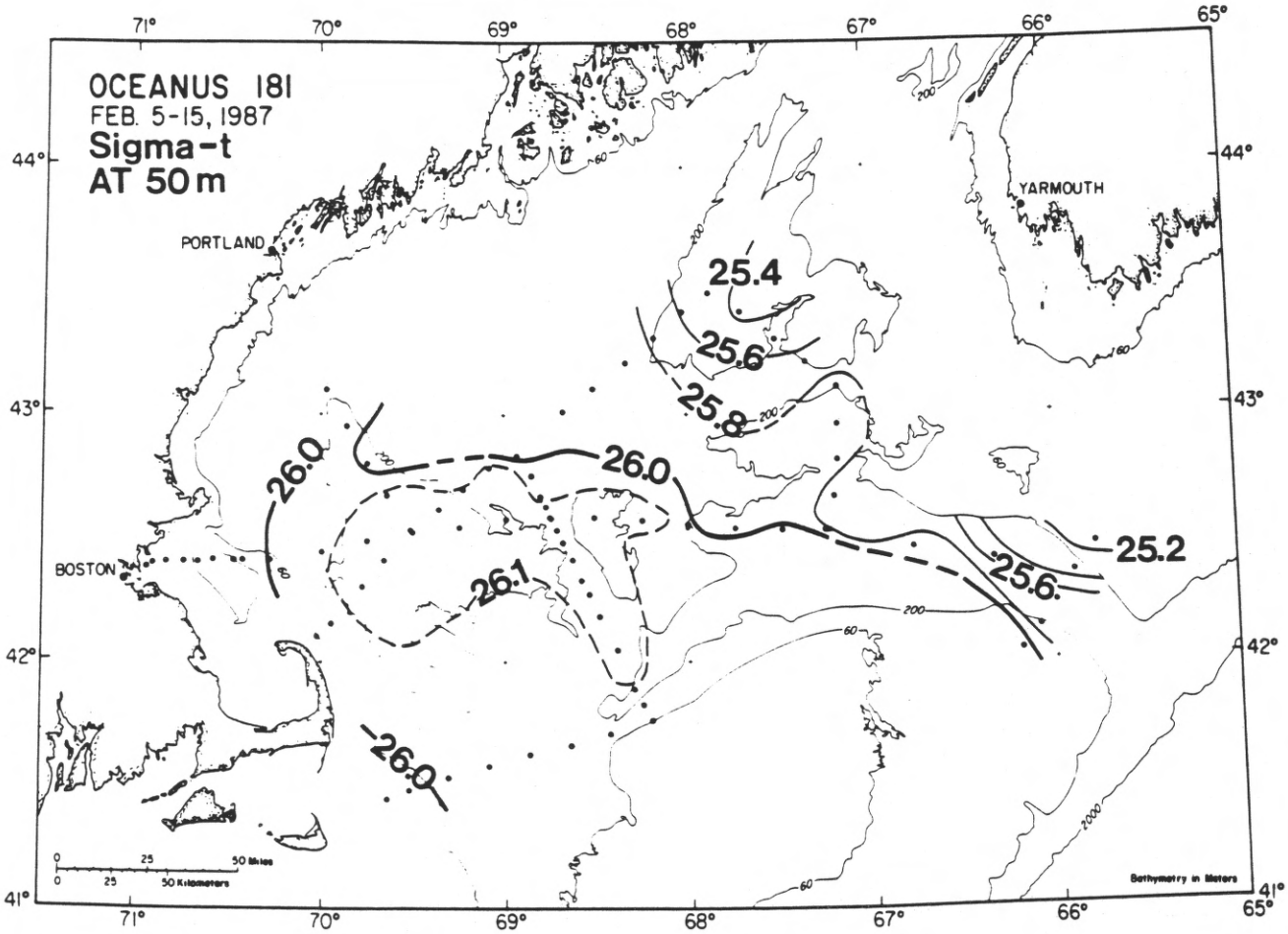

OCEANUS 181
FEB. 5-15, 1987
SALINITY IN p.s.u.
AT SURFACE
PORTLAND
YARMOUTH
BOSTON
32.0
32.4
32.6
32.8
33.0
32.6
32.8
32.2
33.0
32.0
31.6
32.0
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters

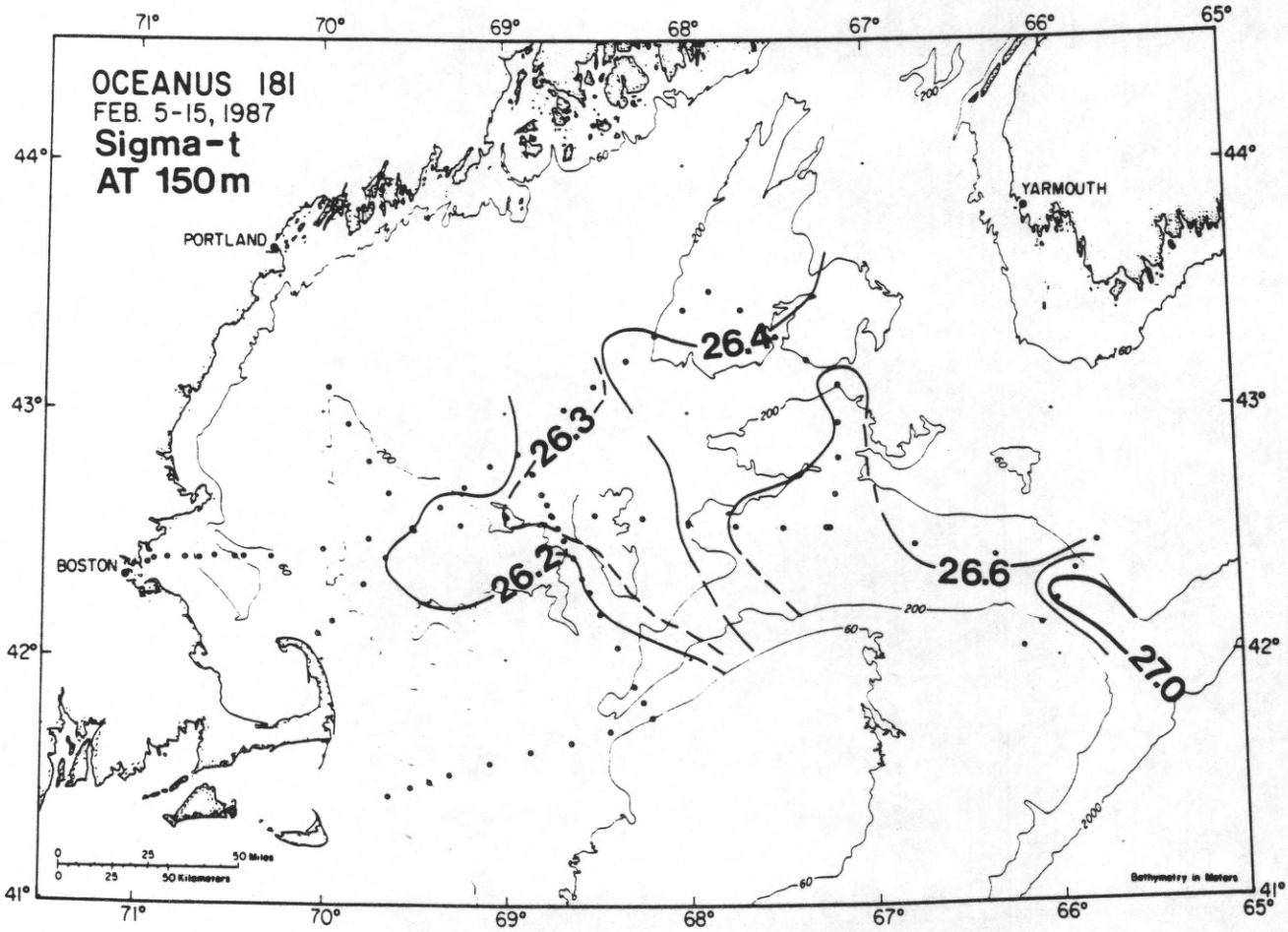

OCEANUS 181
FEB. 5-15, 1987
SALINITY IN p.s.u.
AT 50 m
PORTLAND
YARMOUTH
BOSTON
32.0
32.4
32.6
32.6
32.8
33.0
33.2
33.0
32.8
32.0
31.6
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters

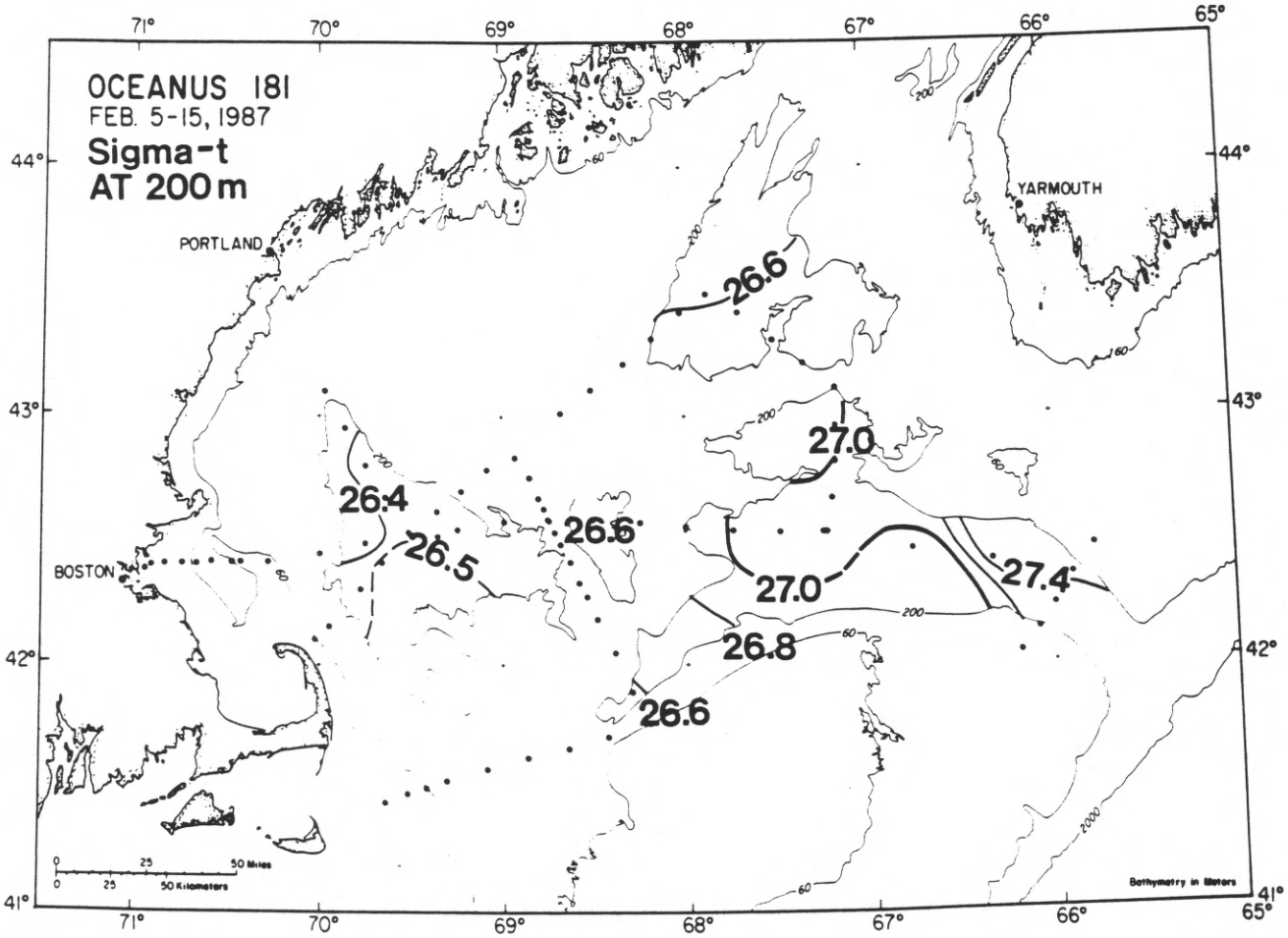

OCEANUS 181
FEB. 5-15, 1987
SALINITY IN p.s.u.
AT 150 m
PORTLAND
BOSTON
YARMOUTH
33.8
34.0
33.6
34.2
34.4
34.0
34.6
34.4
34.2
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters

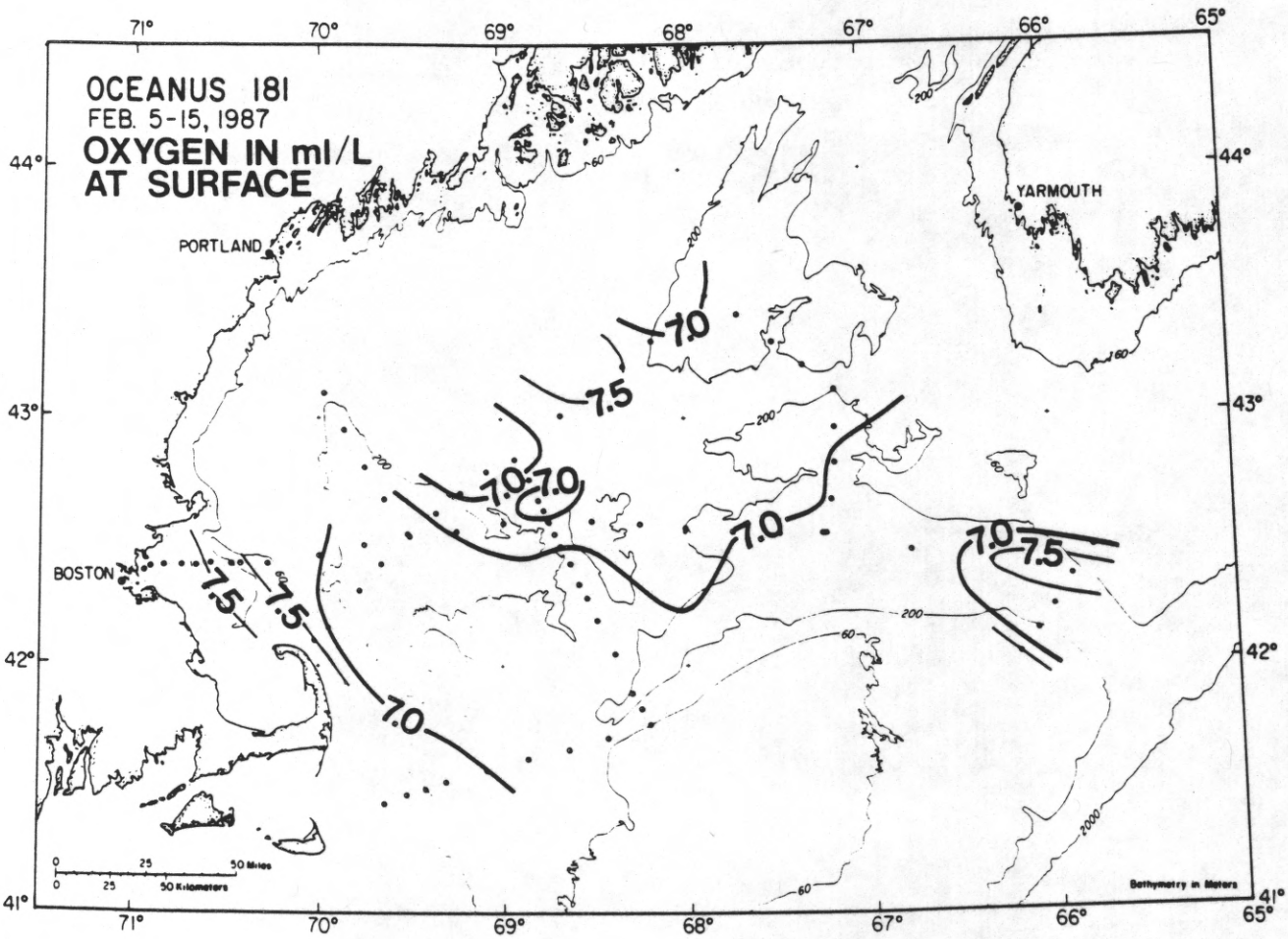

OCEANUS 181
FEB. 5-15, 1987
SALINITY IN p.s.u.
AT 200 m
PORTLAND
YARMOUTH
BOSTON
34.0
33.6
33.8
34.0
34.8
35.6
34.6
34.2
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters

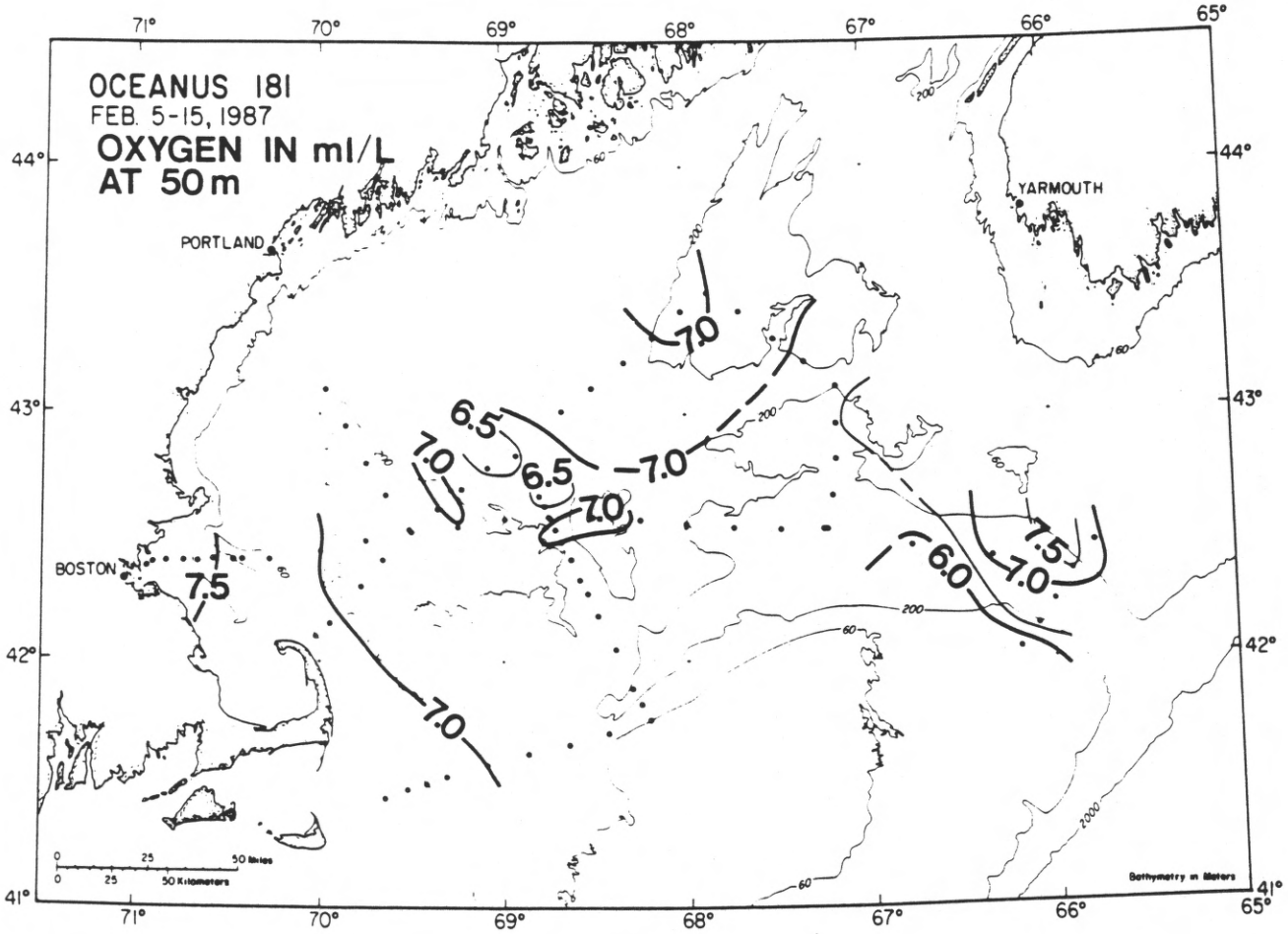

OCEANUS 181
FEB. 5-15, 1987
Sigma-t
AT SURFACE
PORTLAND
YARMOUTH
BOSTON
25.4
25.6
25.8
26.0
25.8
26.1
<26.15
25.4
25.2
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters

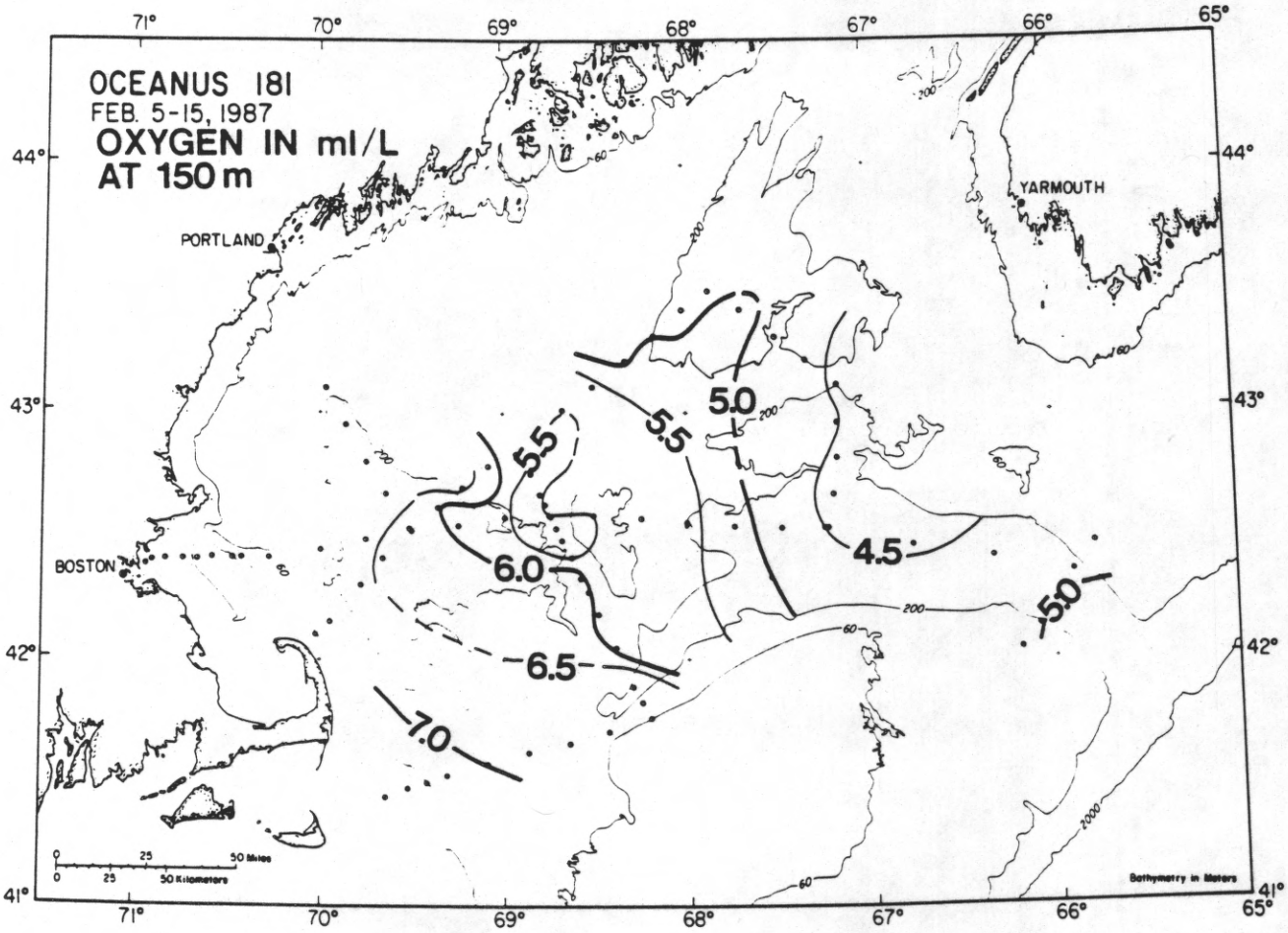

OCEANUS 181
FEB. 5-15, 1987
Sigma-t
AT 50m
PORTLAND
YARMOUTH
BOSTON
25.4
25.6
25.8
26.0
26.0
26.1
26.0
25.6
25.2
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters

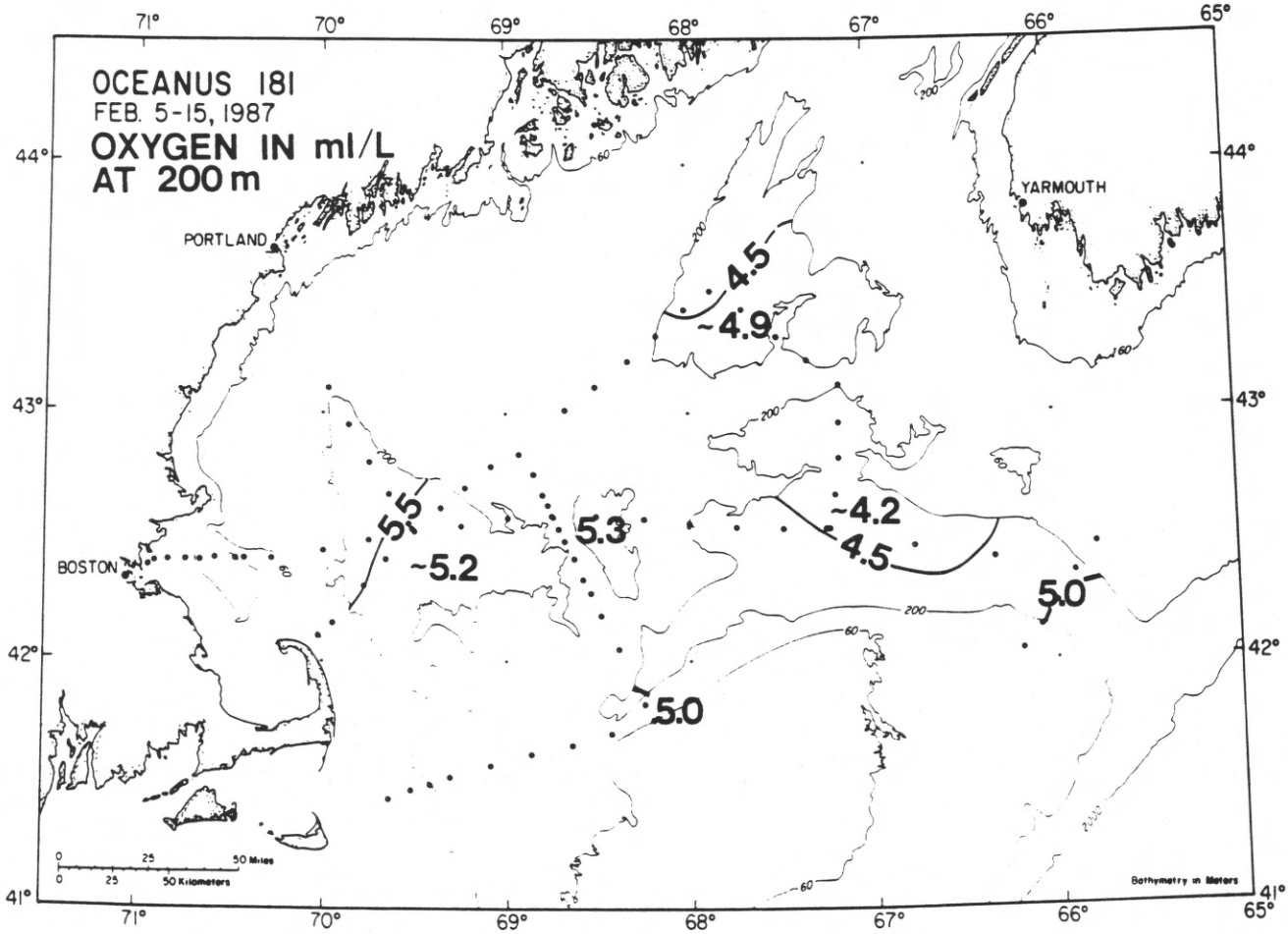

OCEANUS 181
FEB. 5-15, 1987
Sigma-t
AT 150m
PORTLAND
YARMOUTH
BOSTON
26.4
26.3
26.2
26.6
27.0
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters

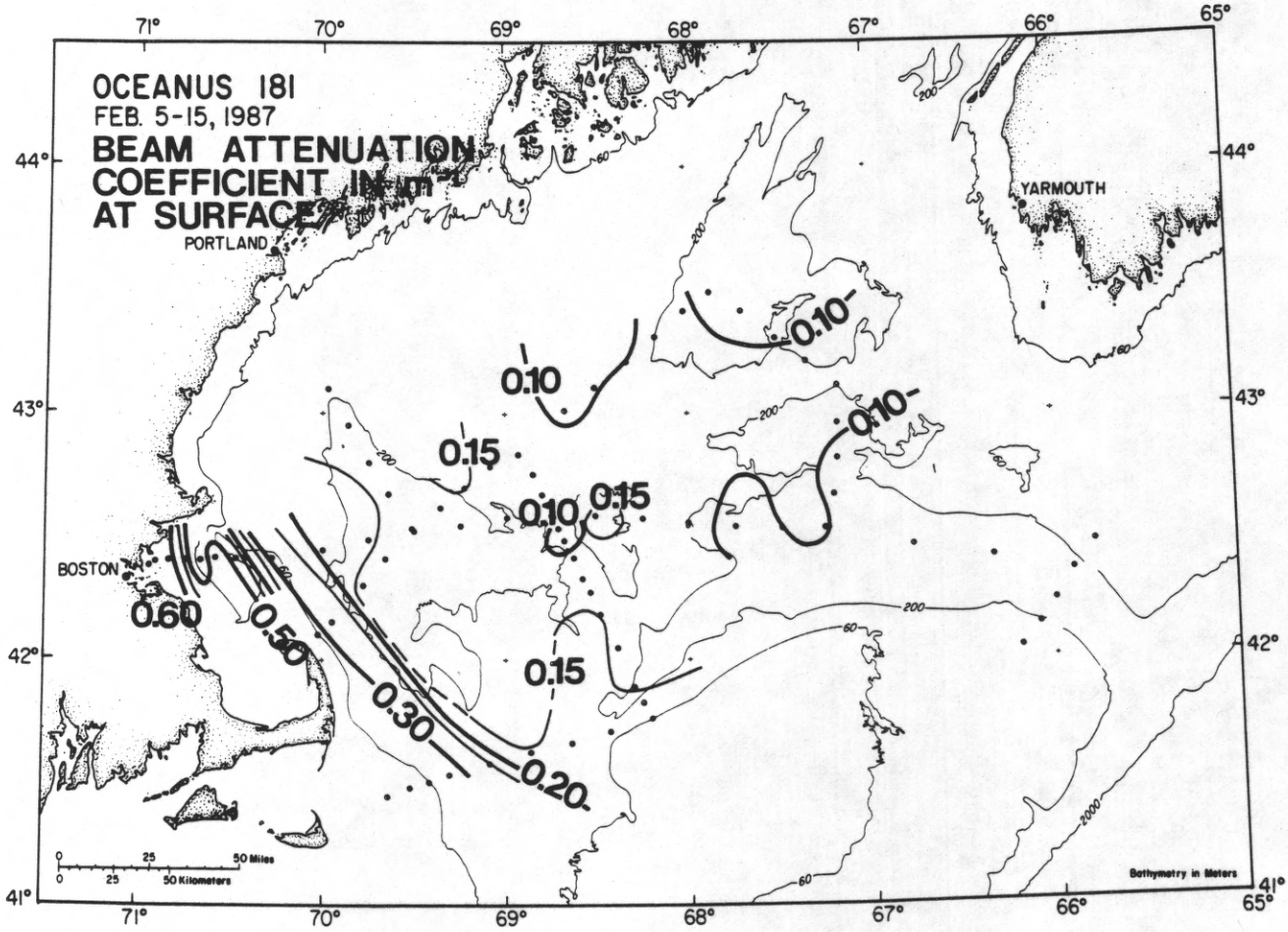

OCEANUS 181
FEB. 5-15, 1987
Sigma-t
AT 200 m
PORTLAND
YARMOUTH
BOSTON
26.6
27.0
26.4
26.5
26.6
27.0
27.4
26.8
26.6
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°

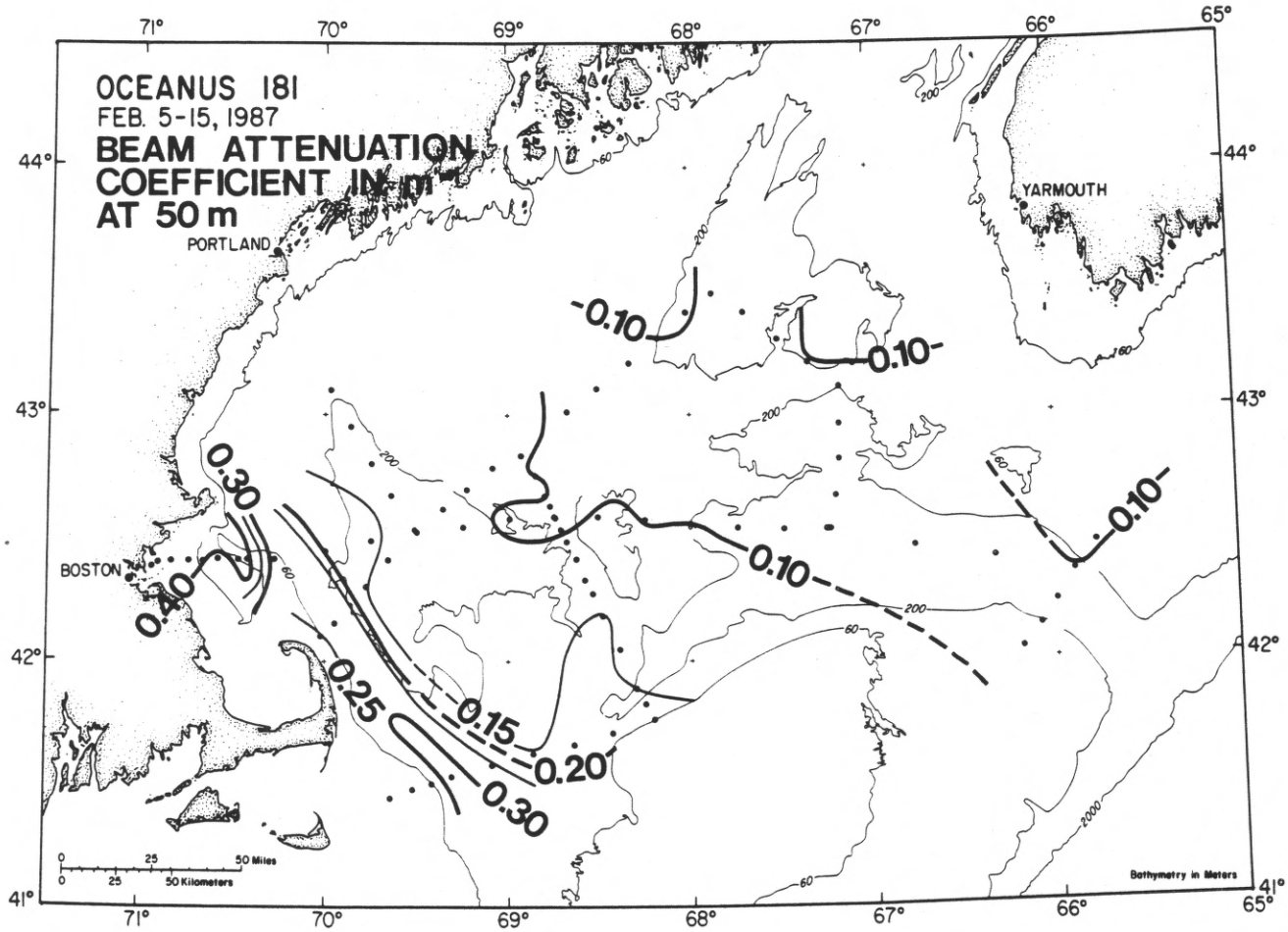

OCEANUS 181
FEB. 5-15, 1987
OXYGEN IN ml/L
AT SURFACE
PORTLAND
YARMOUTH
BOSTON
7.0
7.5
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters

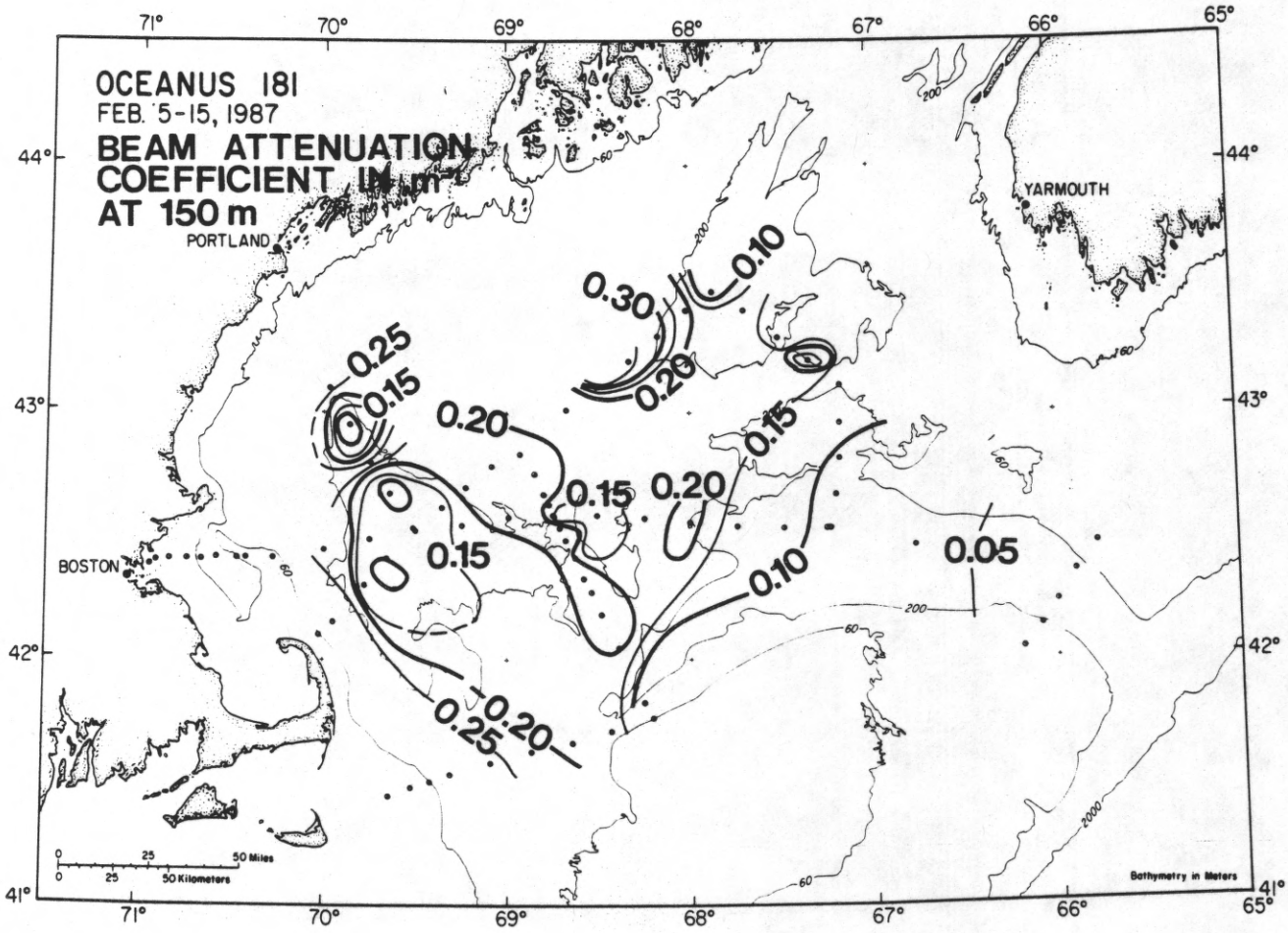

OCEANUS 181
FEB. 5-15, 1987
OXYGEN IN ml/L
AT 50m
PORTLAND
YARMOUTH
BOSTON
7.0
6.5
7.0
6.5
7.0
7.0
7.5
7.0
6.0
7.5
7.0
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters

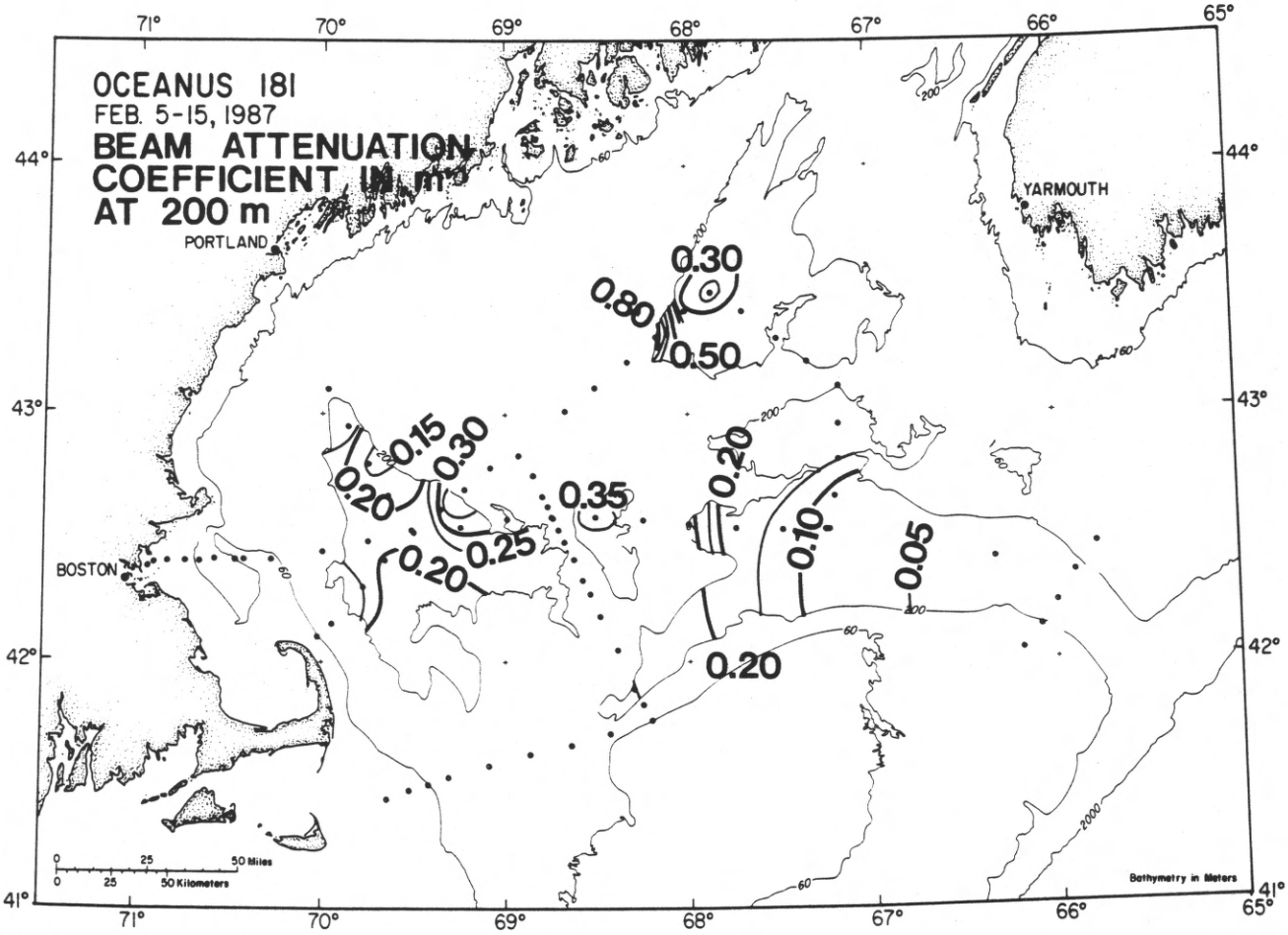

OCEANUS 181
FEB. 5-15, 1987
OXYGEN IN ml/L
AT 150 m
PORTLAND
YARMOUTH
BOSTON
5.0
5.5
5.5
6.0
6.5
7.0
4.5
5.0
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters


OCEANUS 181
FEB. 5-15, 1987
OXYGEN IN ml/L
AT 200 m
PORTLAND
YARMOUTH
BOSTON
4.5
~4.9
5.5
~5.2
5.3
~4.2
4.5
5.0
5.0
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters


OCEANUS 181
FEB. 5-15, 1987
BEAM ATTENUATION
COEFFICIENT IN m⁻¹
AT SURFACE
PORTLAND
YARMOUTH
BOSTON
0.10
0.15
0.60
0.50
0.30
0.20
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°


OCEANUS 181
FEB. 5-15, 1987
BEAM ATTENUATION COEFFICIENT IN m⁻¹ AT 50 m
PORTLAND
YARMOUTH
BOSTON
0.10
0.10
0.10
0.10
0.30
0.40
0.25
0.15
0.20
0.30
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters

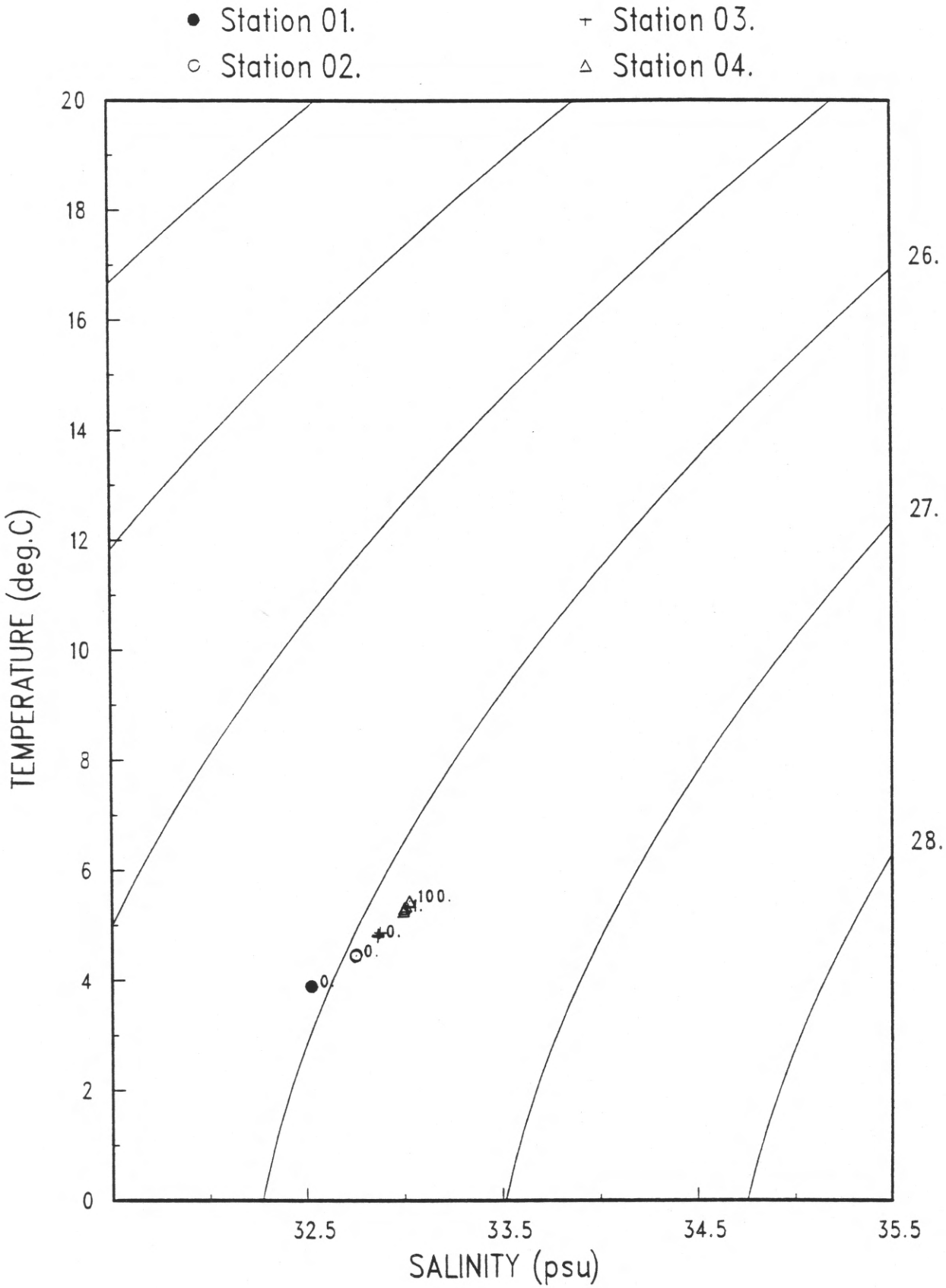

OCEANUS 181
FEB. 5-15, 1987
BEAM ATTENUATION COEFFICIENT IN m⁻¹ AT 150 m
PORTLAND
YARMOUTH
BOSTON
0.30
0.10
0.25
0.15
0.20
0.20
0.15
0.15
0.20
0.15
0.10
0.05
0.20
0.25
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters


OCEANUS 181
FEB. 5-15, 1987
BEAM ATTENUATION
COEFFICIENT IN m⁻¹
AT 200 m
PORTLAND
YARMOUTH
BOSTON
0.30
0.80
0.50
0.15
0.30
0.20
0.35
0.20
0.25
0.20
0.10
0.05
0.20
71°
70°
69°
68°
67°
66°
65°
44°
43°
42°
41°
0 25 50 Miles
0 25 50 Kilometers
Bathymetry in Meters

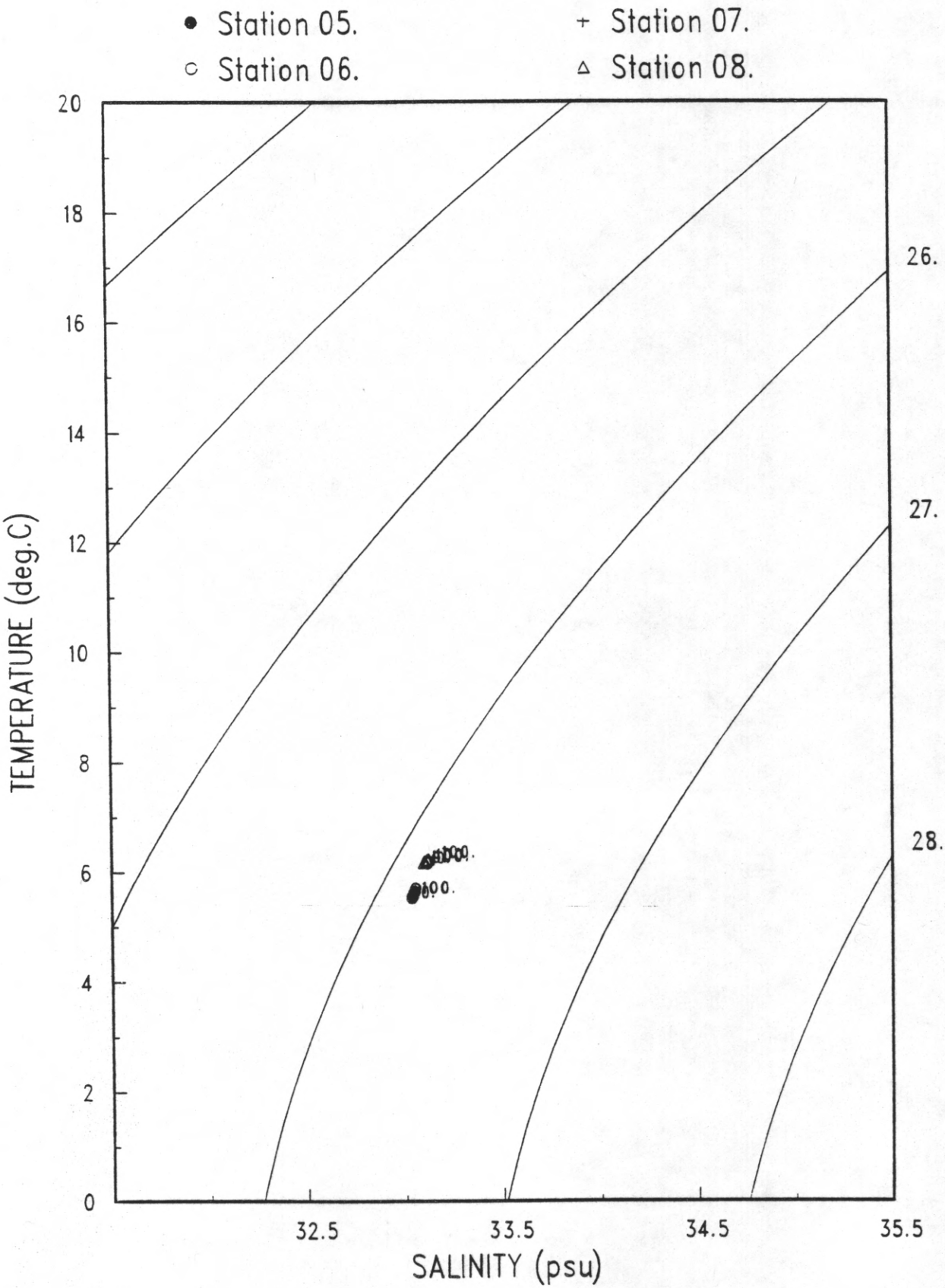
Temperature salinity diagrams

Plots of temperature vs. salinity are by section (see fig. 1). Each station is identified with a different symbol. The symbols are plotted every 20 dbars, and the 0, 100- and 200-decibar, points have been labeled.

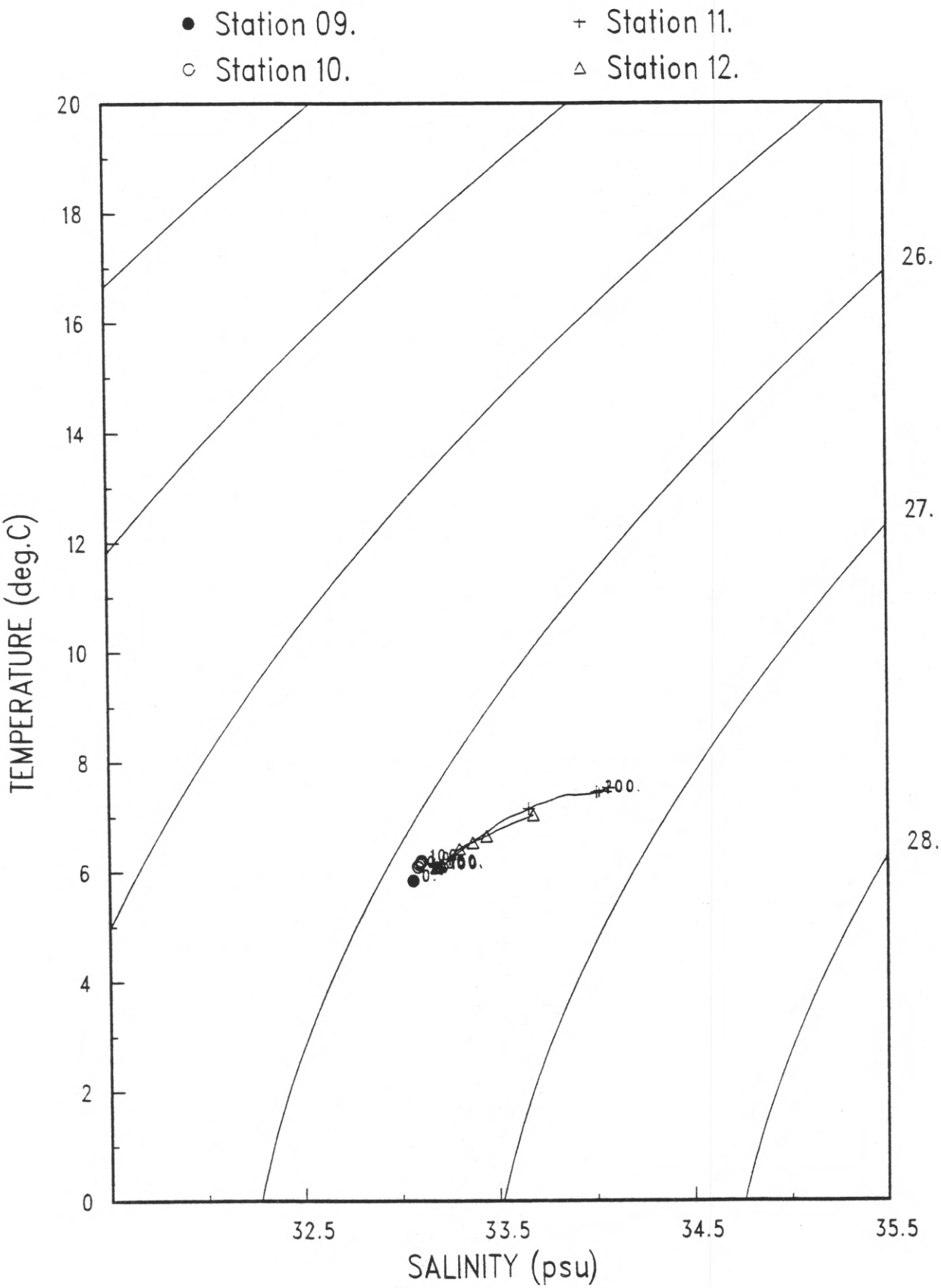
OC181--TS Diagram--Section 1



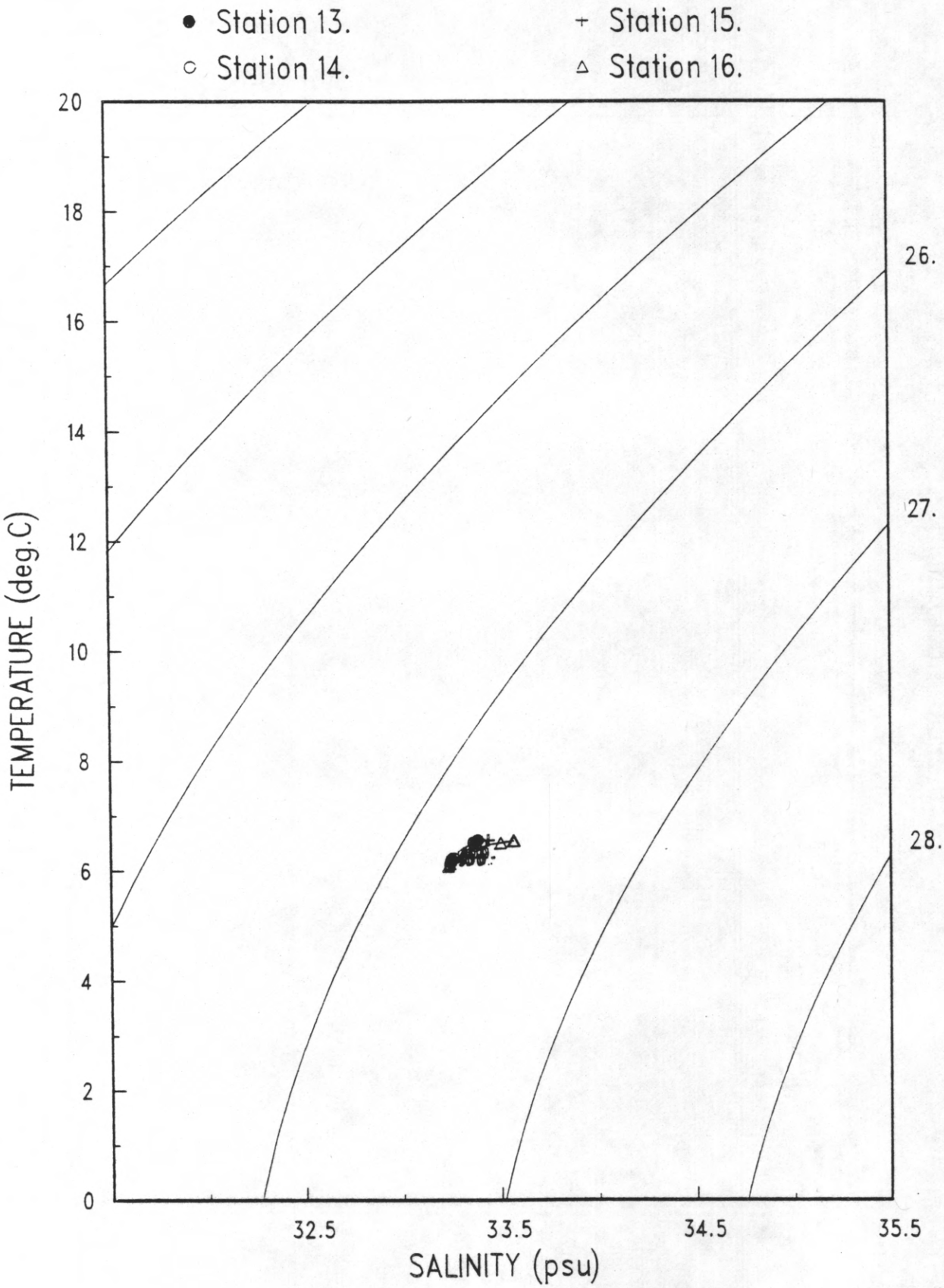
OC181--TS Diagram--Section 1



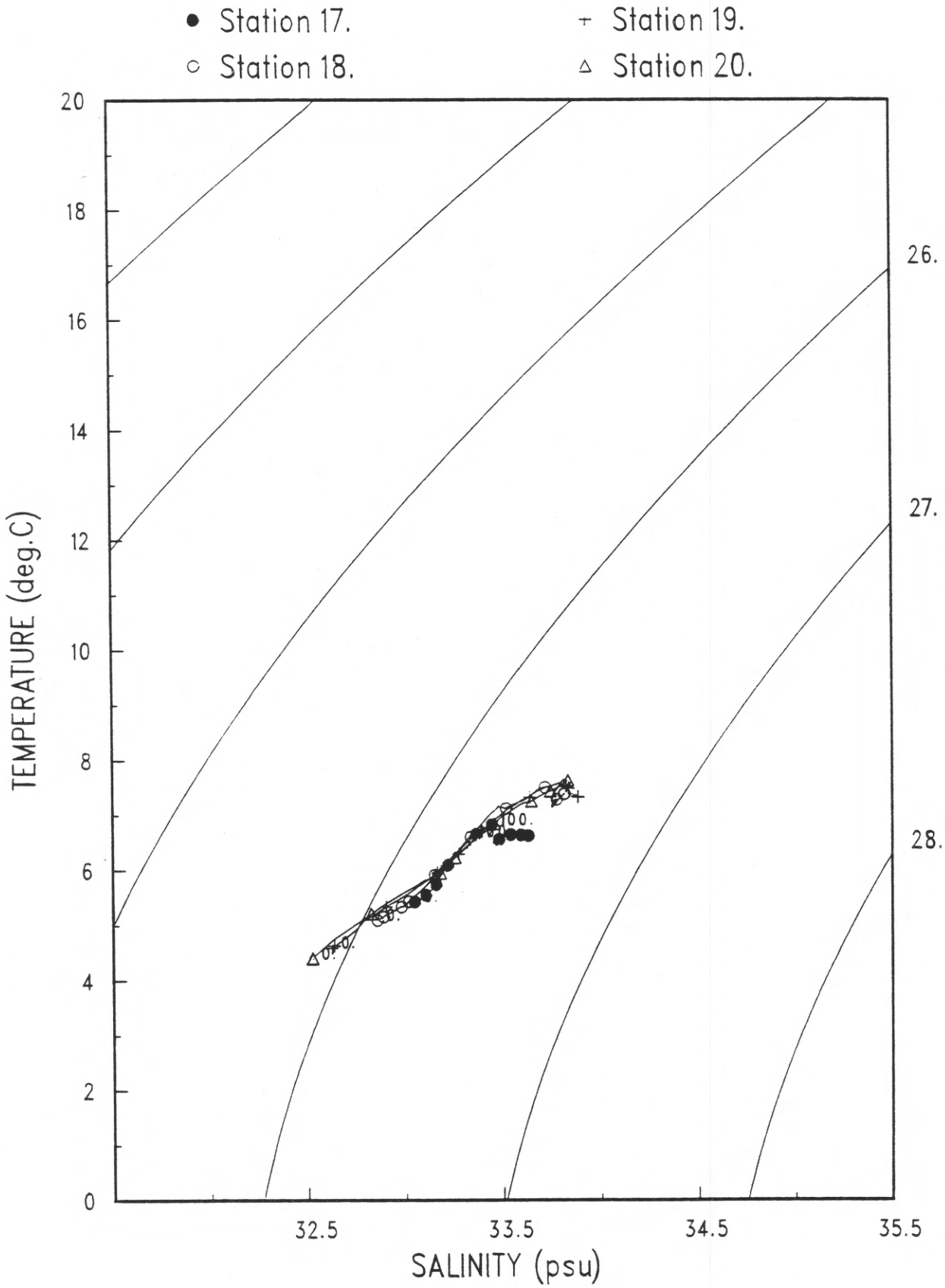
OC181--TS Diagram--Section 2



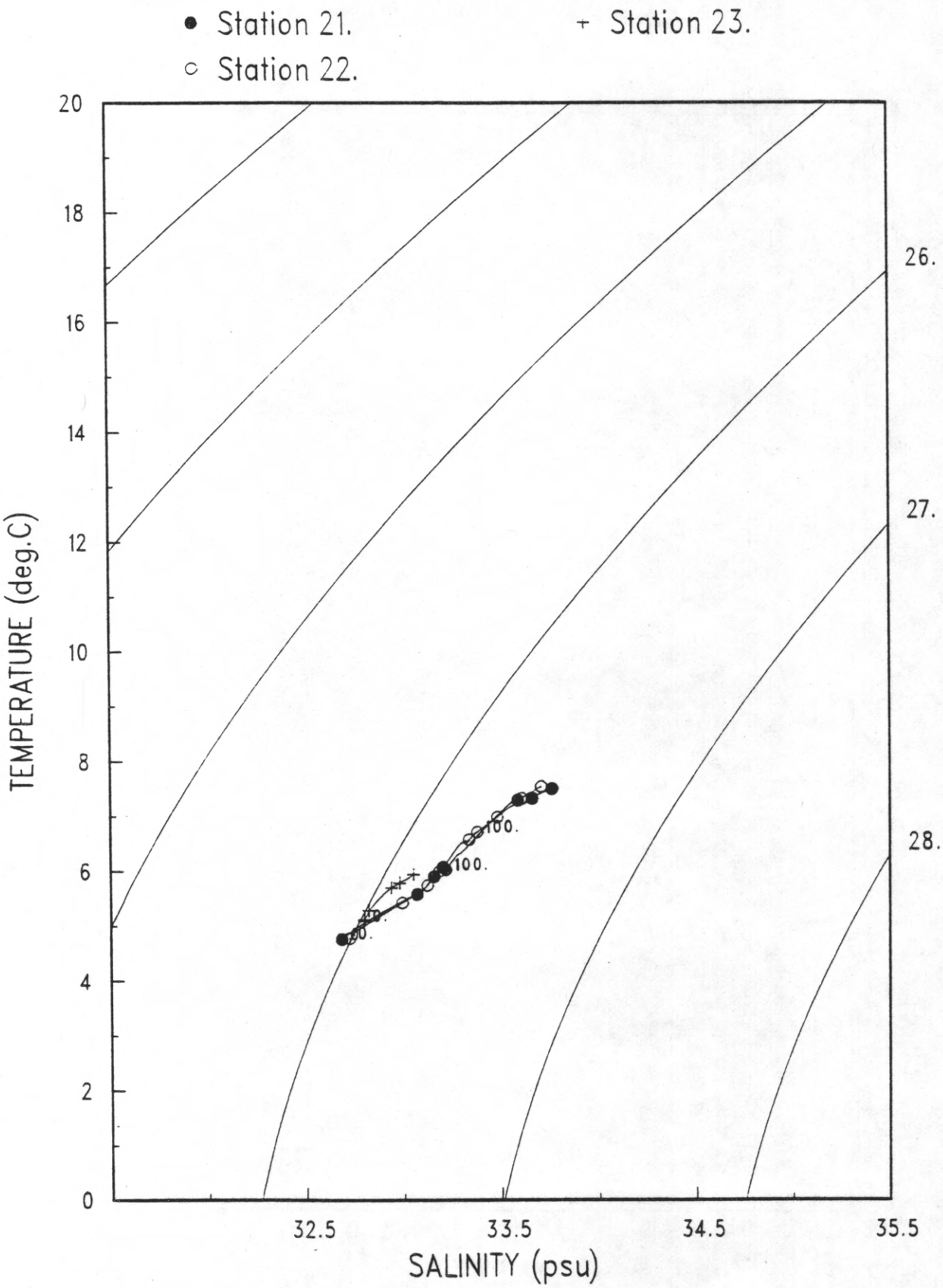
OC181--TS Diagram--Section 2



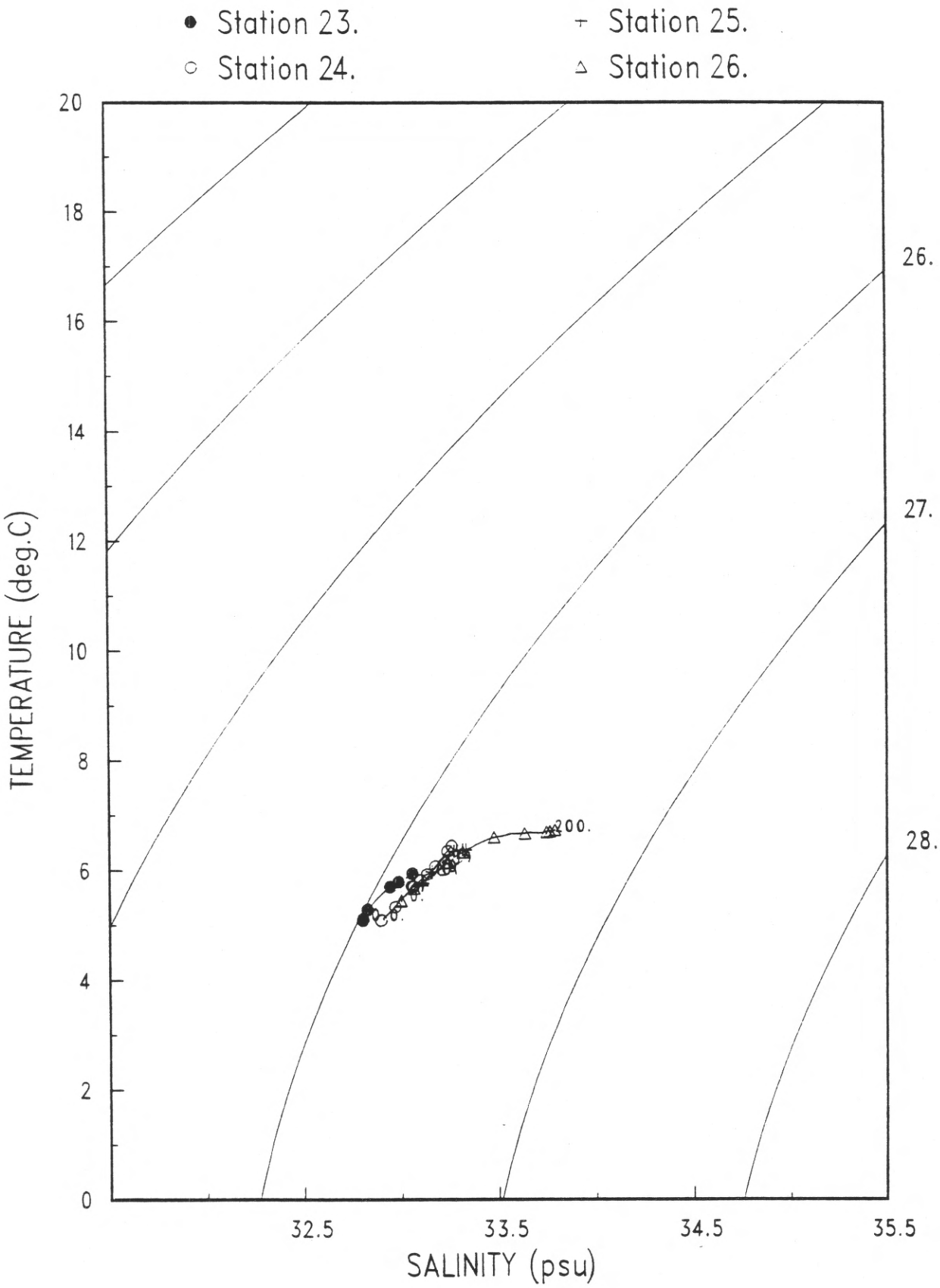
OC181--TS Diagram--Section 2



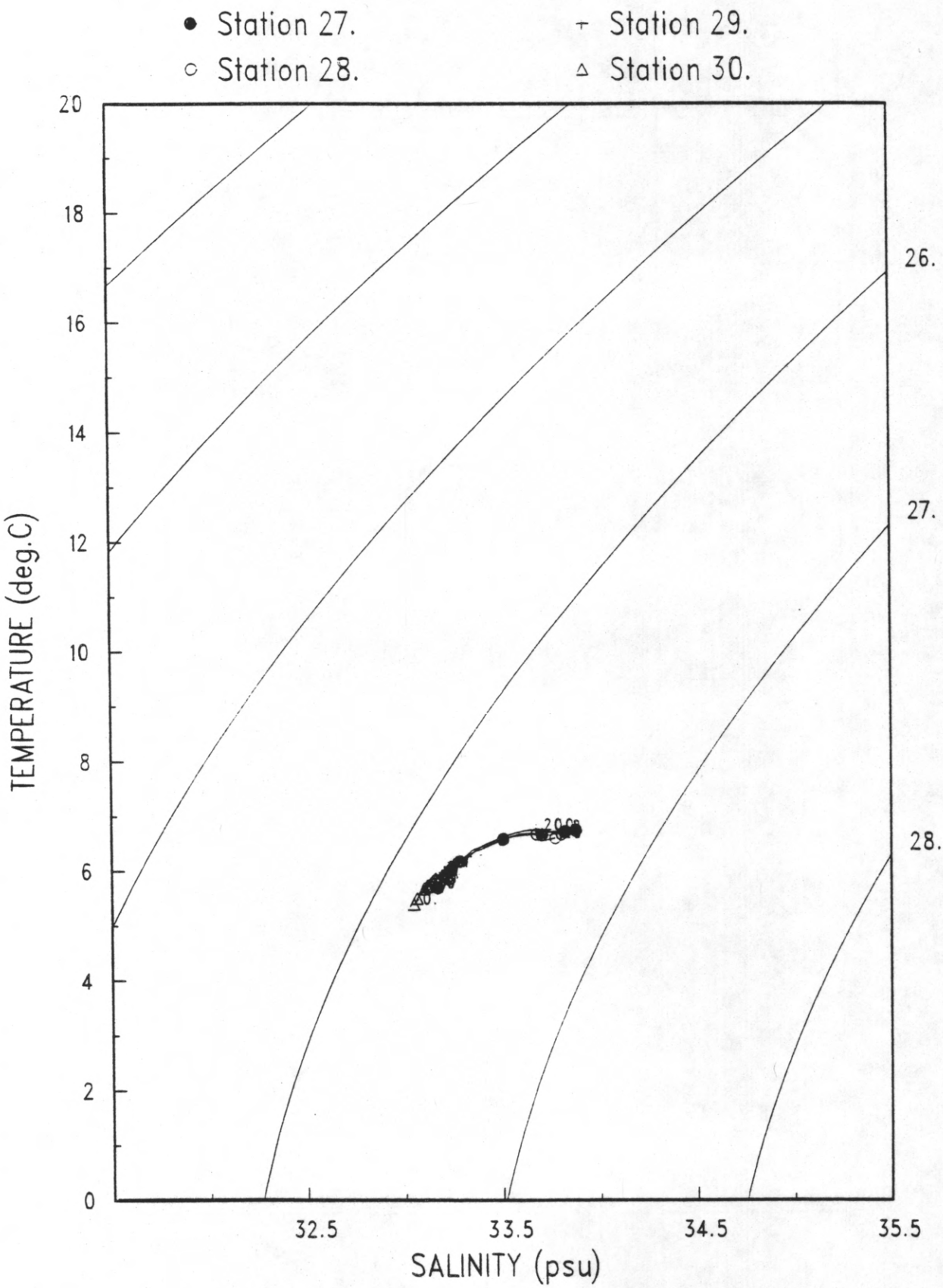
OC181--TS Diagram--Section 2



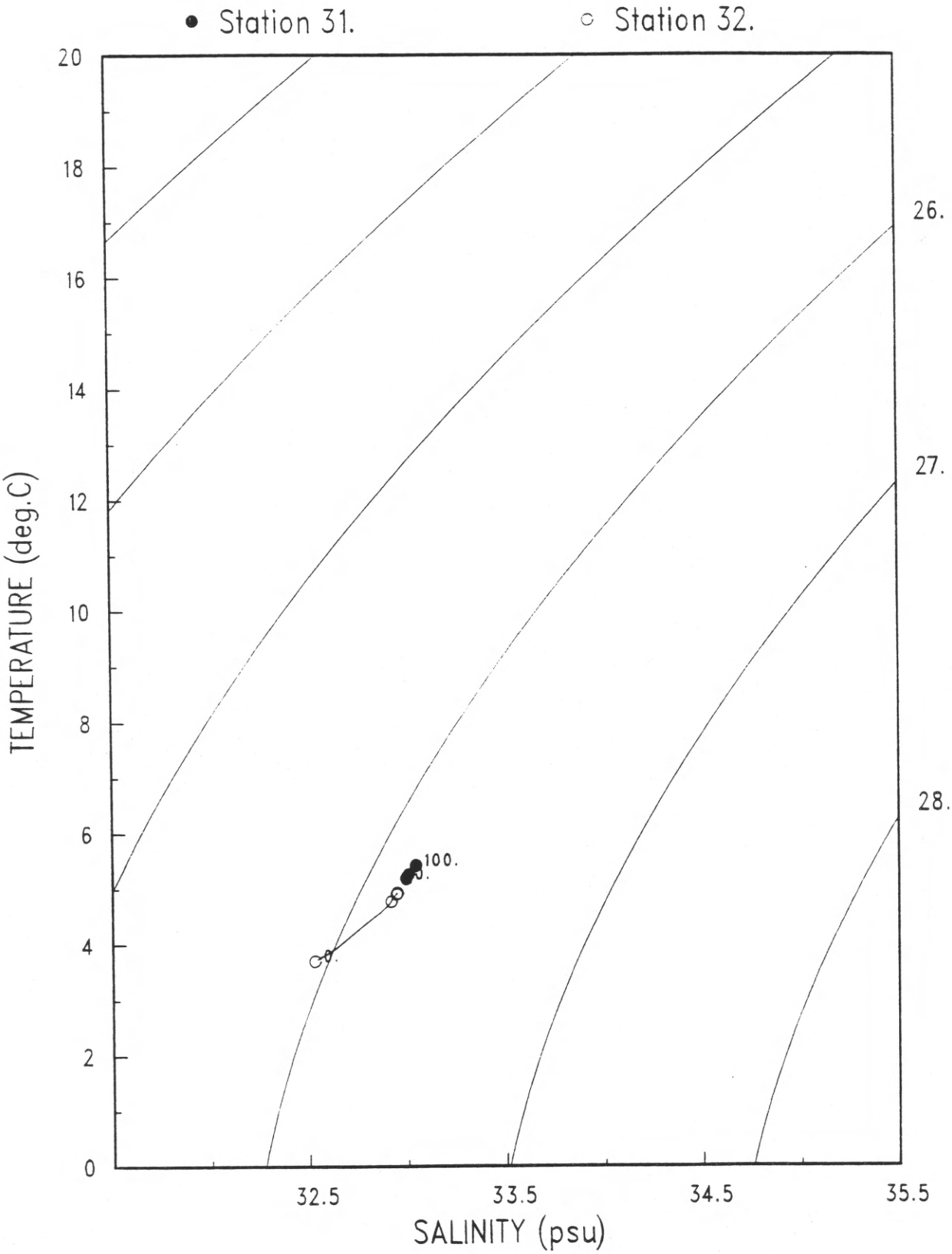
OC181--TS Diagram--Section 3



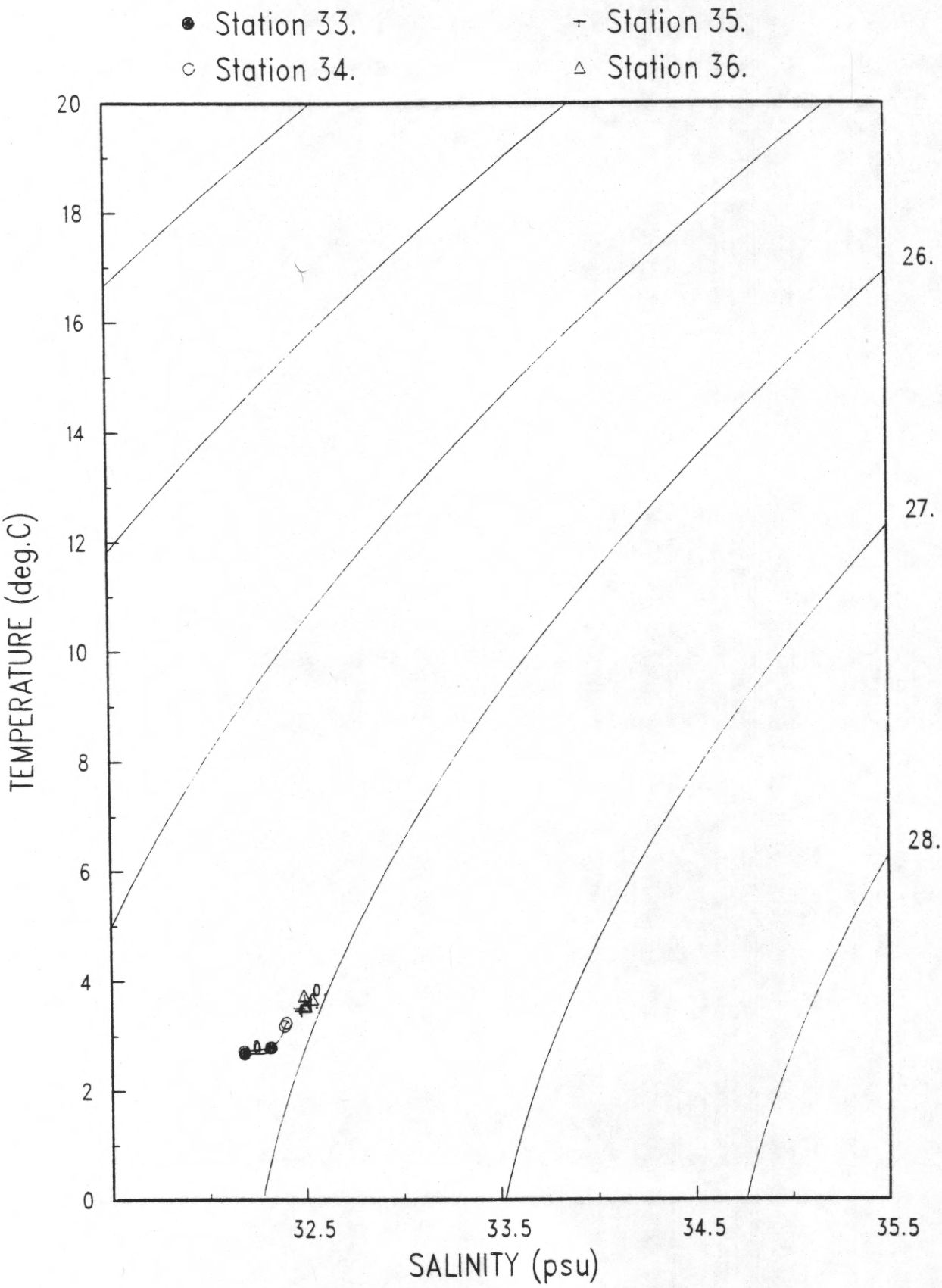
OC181--TS Diagram--Section 3



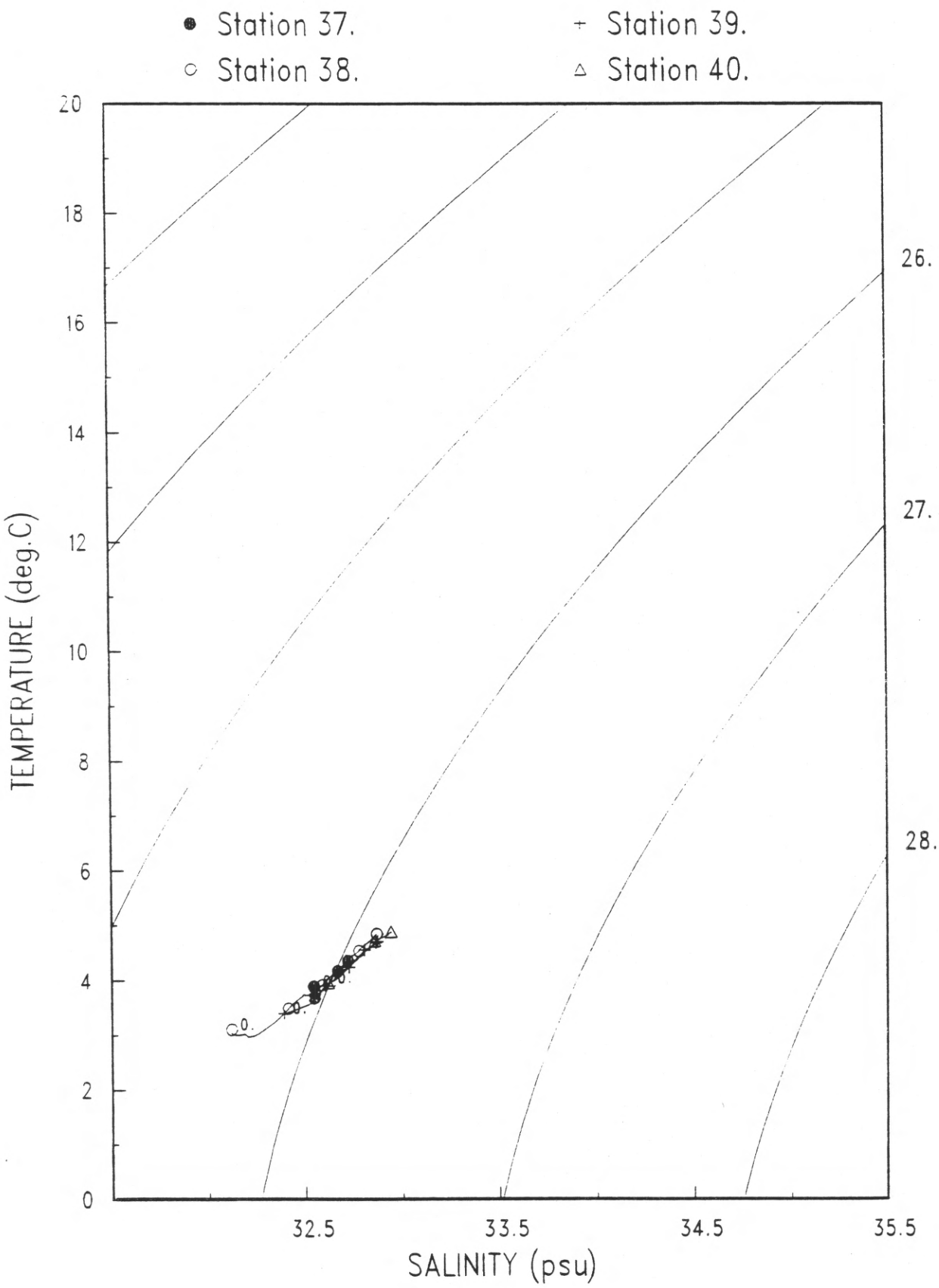
OC181--TS Diagram--Section 3



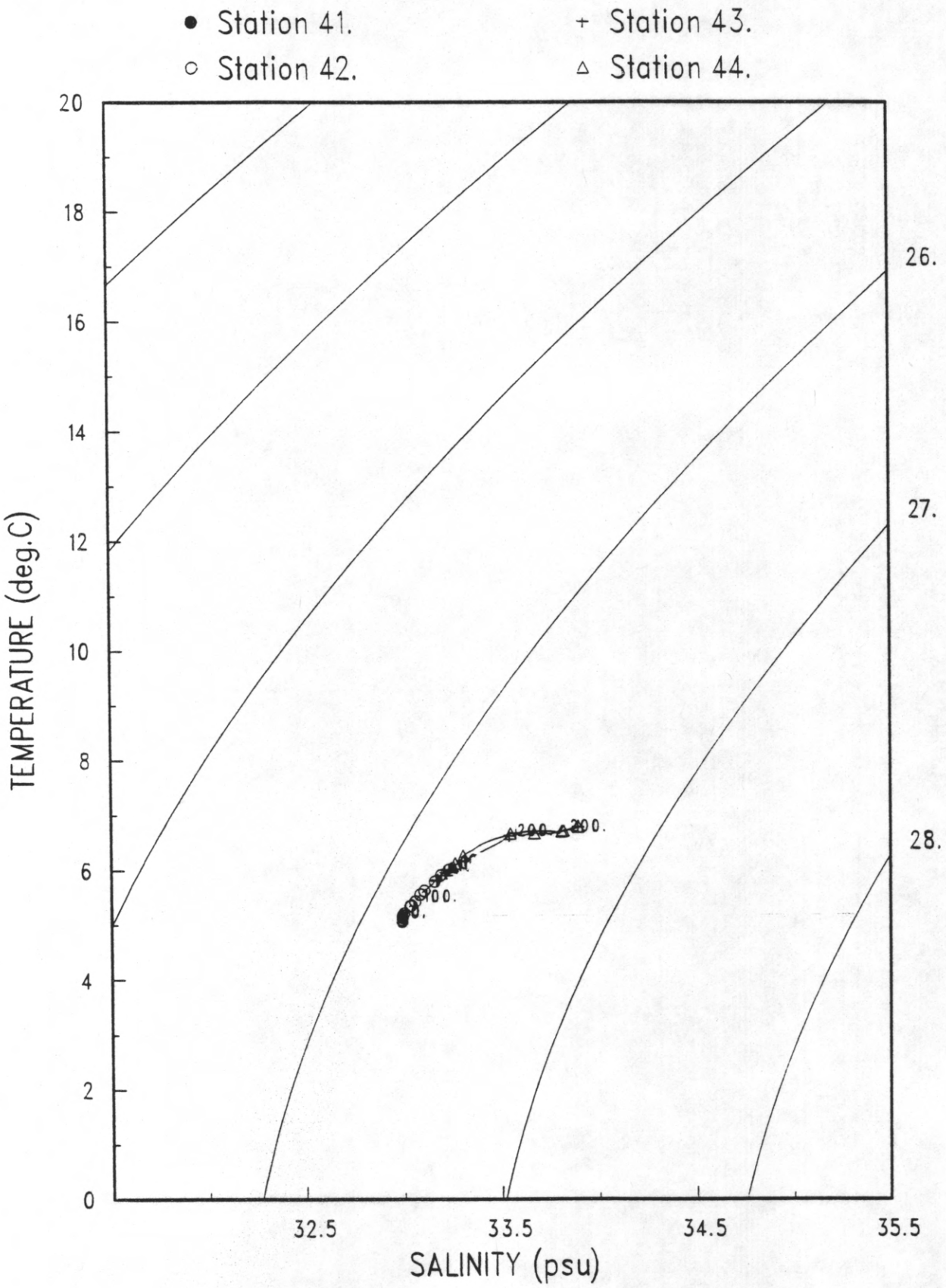
OC181--TS Diagram--Section 4a



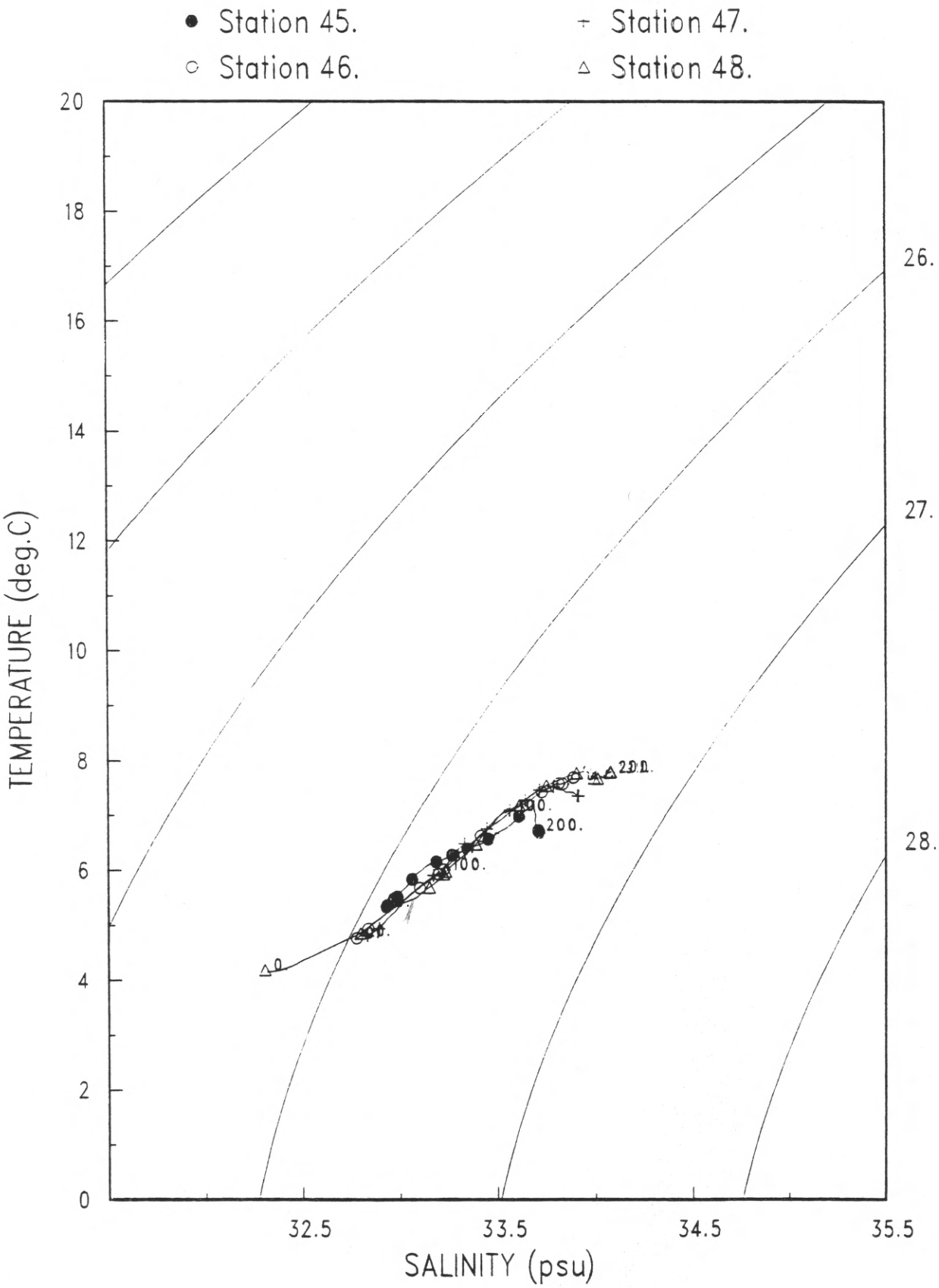
OC181--TS Diagram--Section 4a



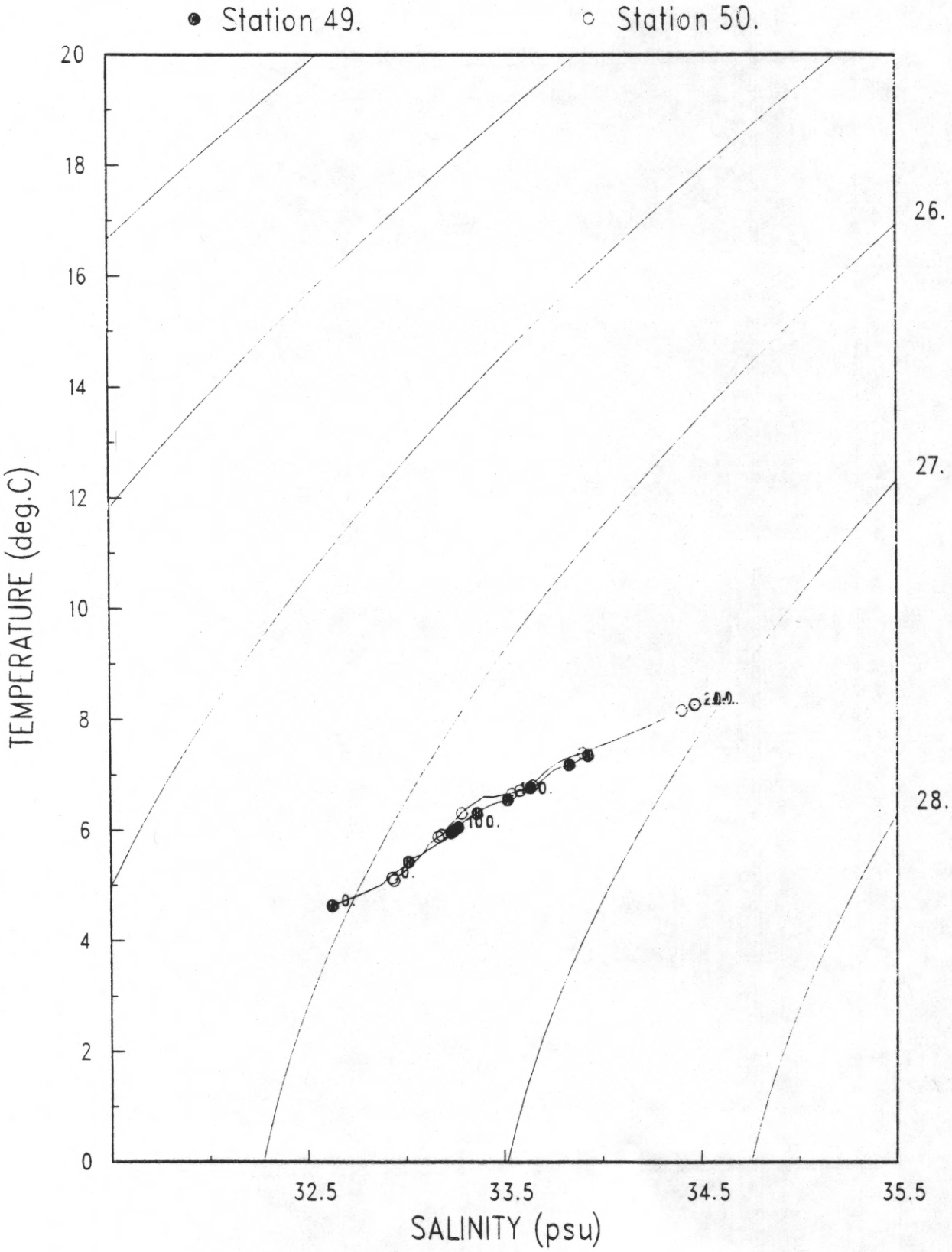
OC181--TS Diagram--Section 5a



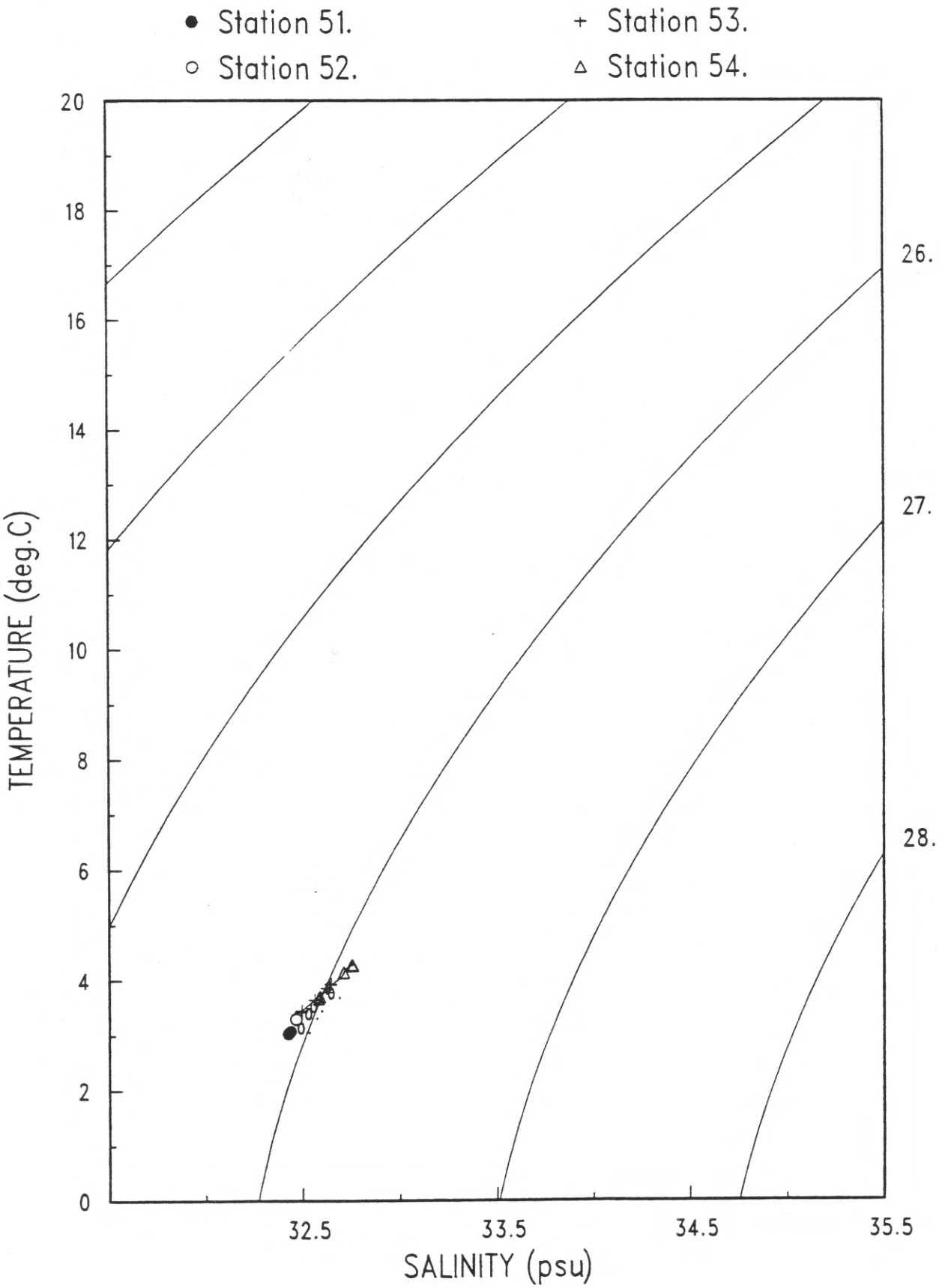
OC181--TS Diagram--Section 5a



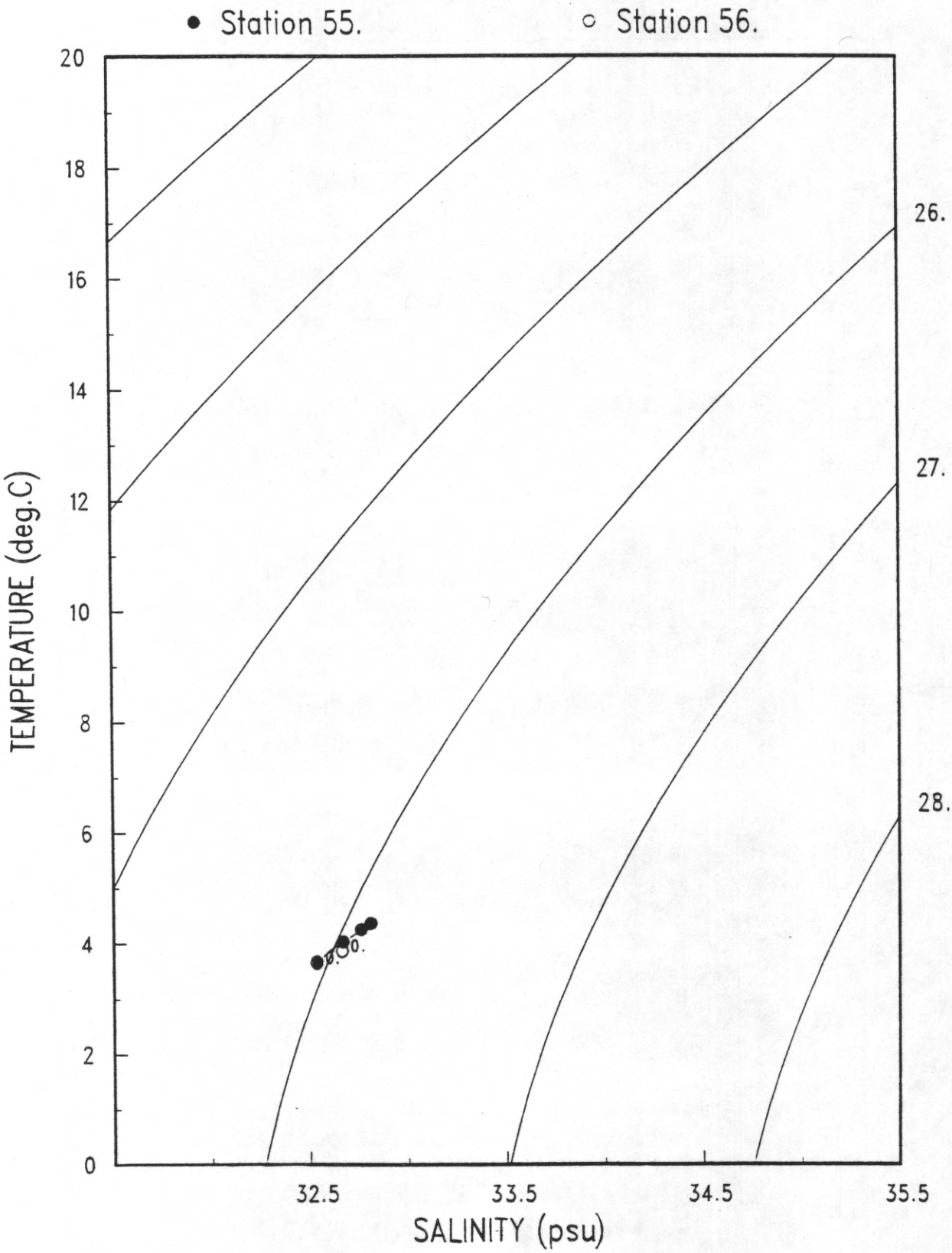
OC181--TS Diagram--Section 6



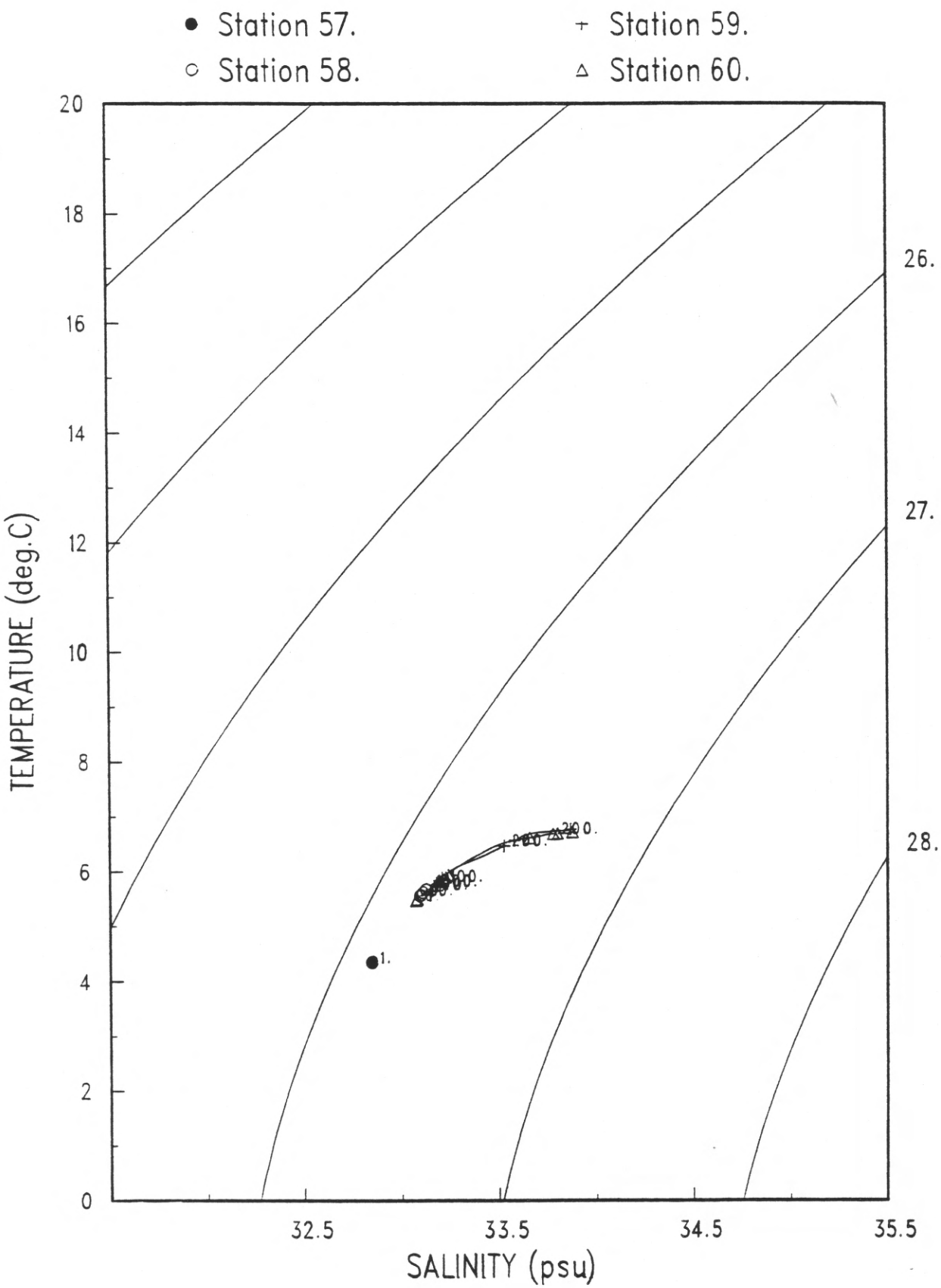
OC181--TS Diagram--Section 4b



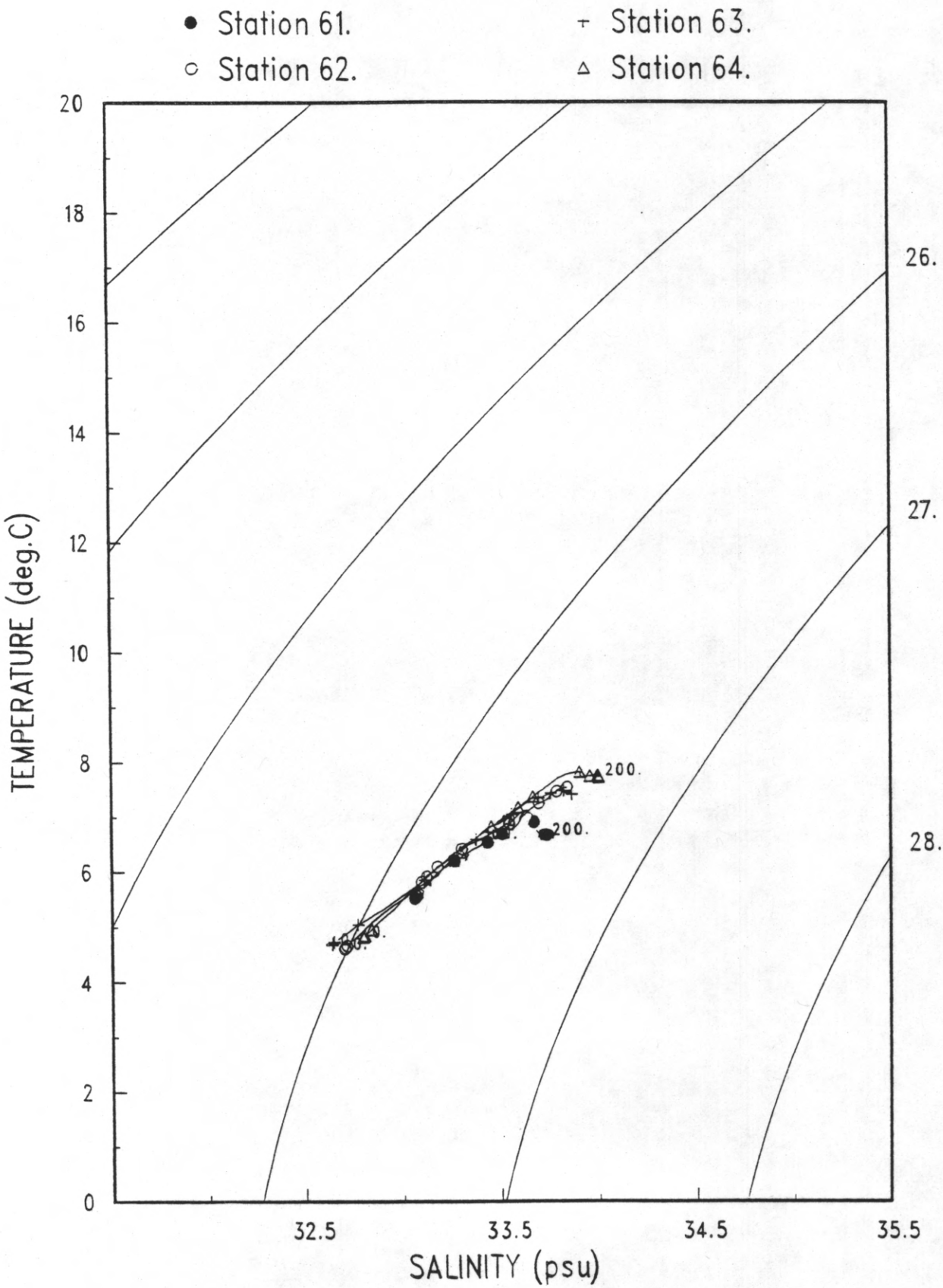
OC181--TS Diagram--Section 4b



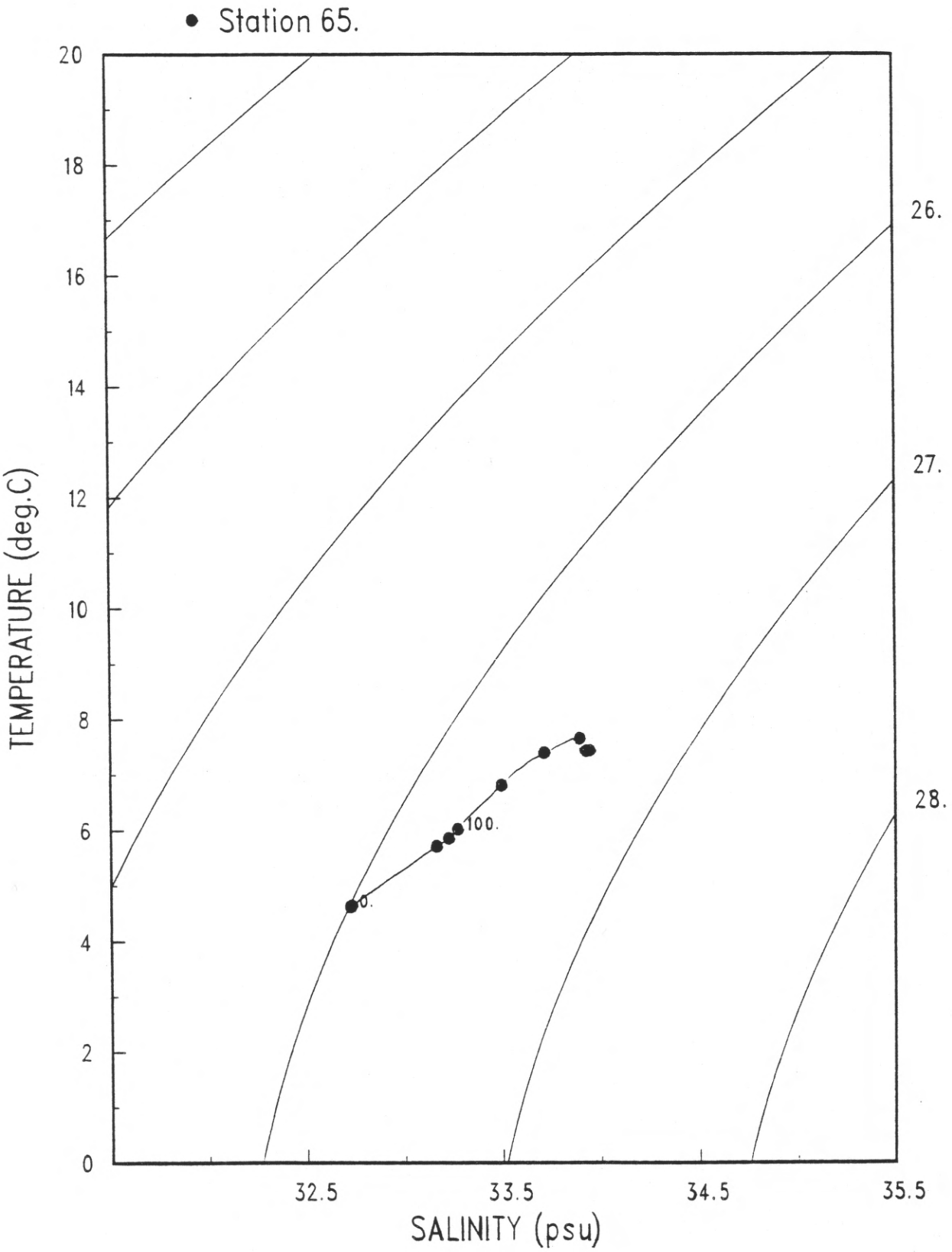
OC181--TS Diagram--Section 5b



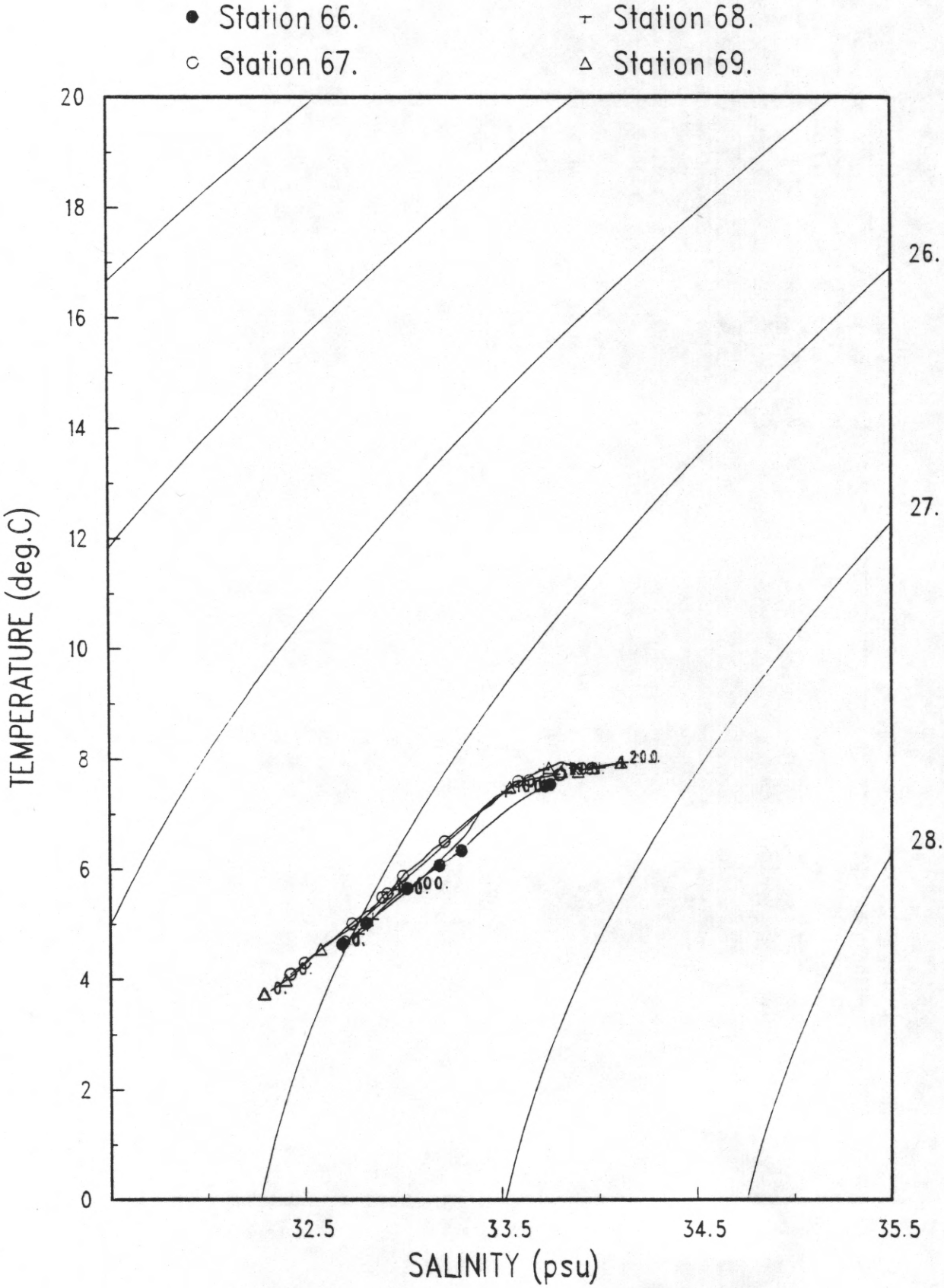
OC181--TS Diagram--Section 5b



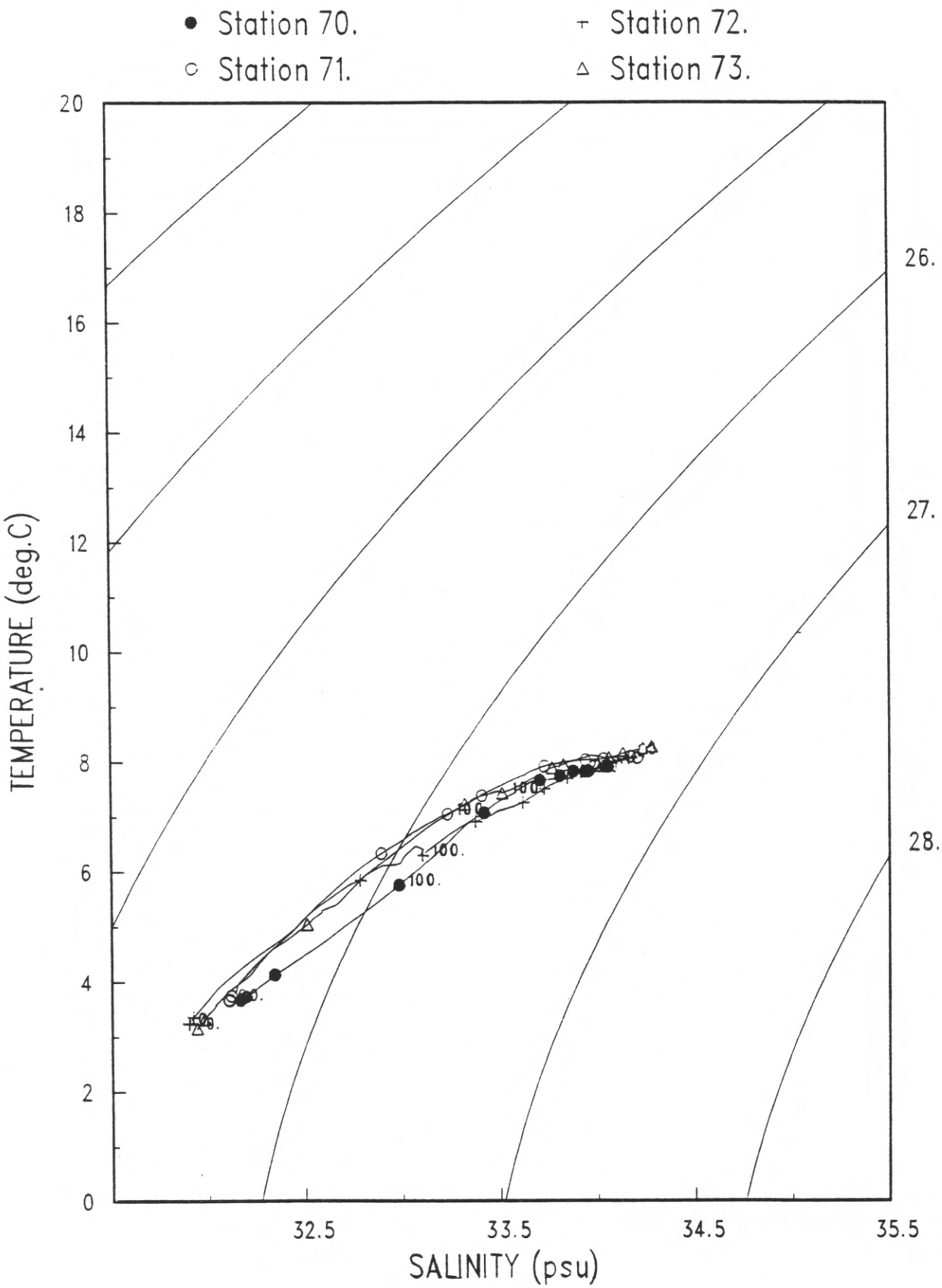
OC181--TS Diagram--Section 6b



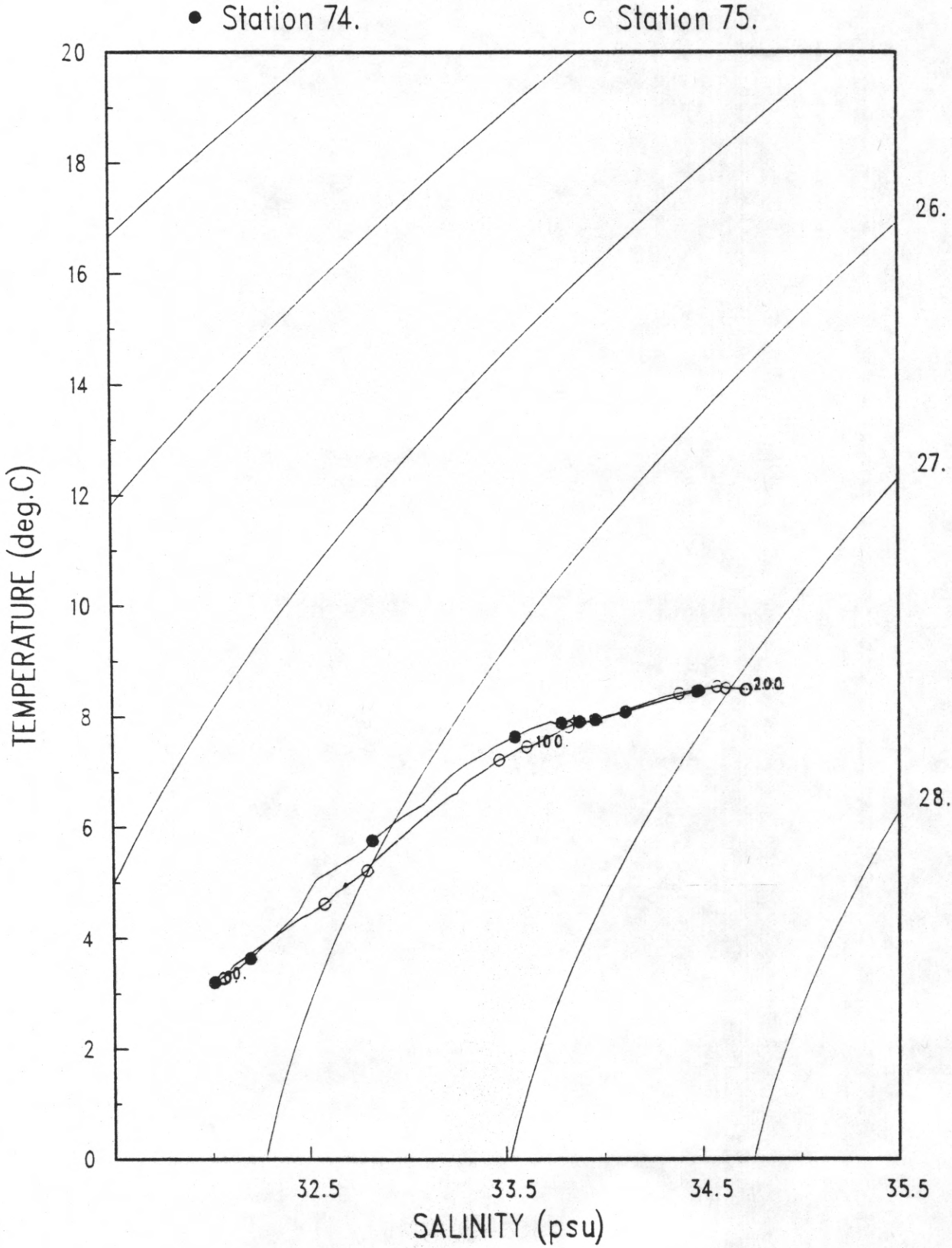
OC181--TS Diagram--Section 8



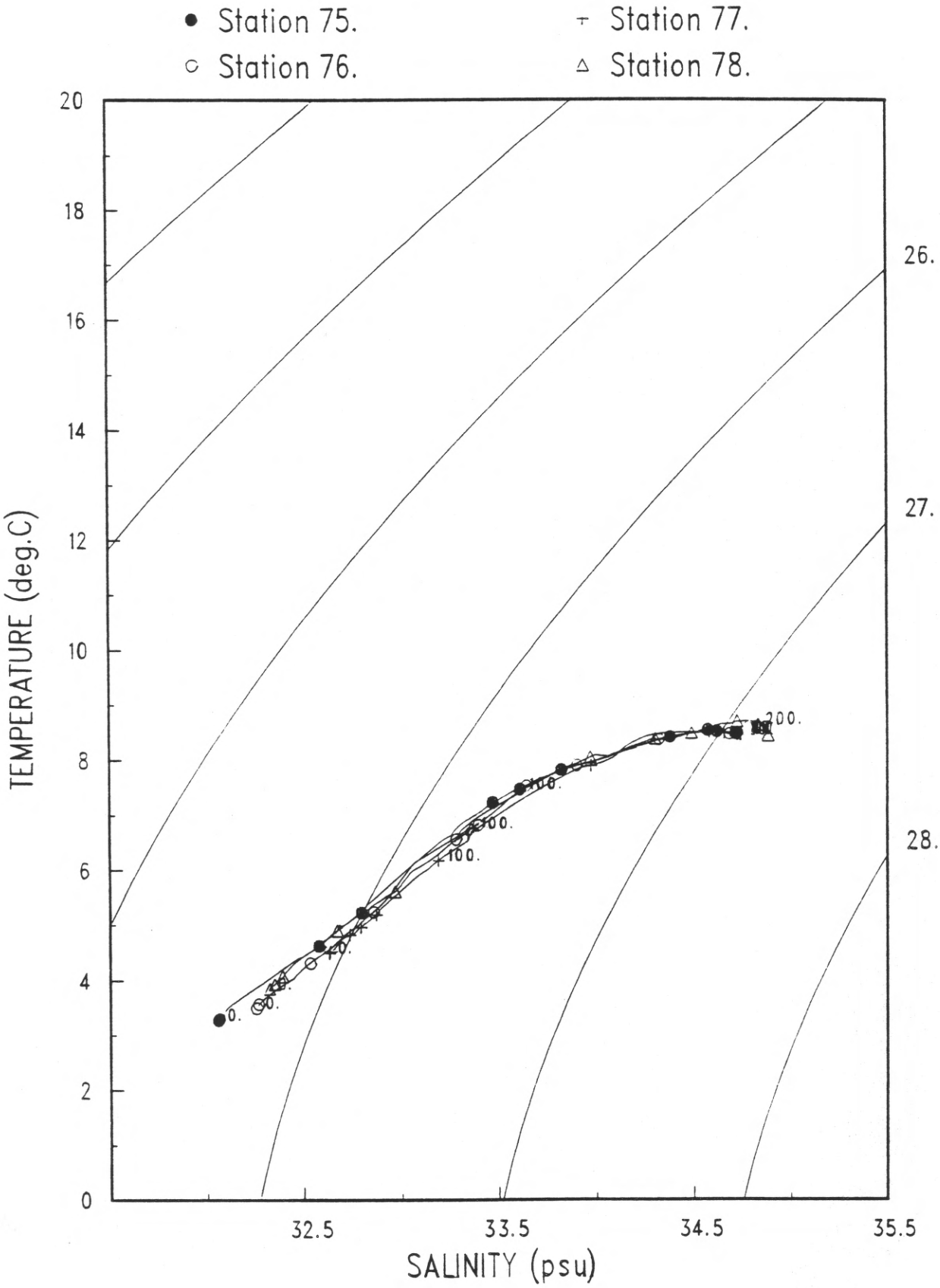
OC181--TS Diagram--Section 8



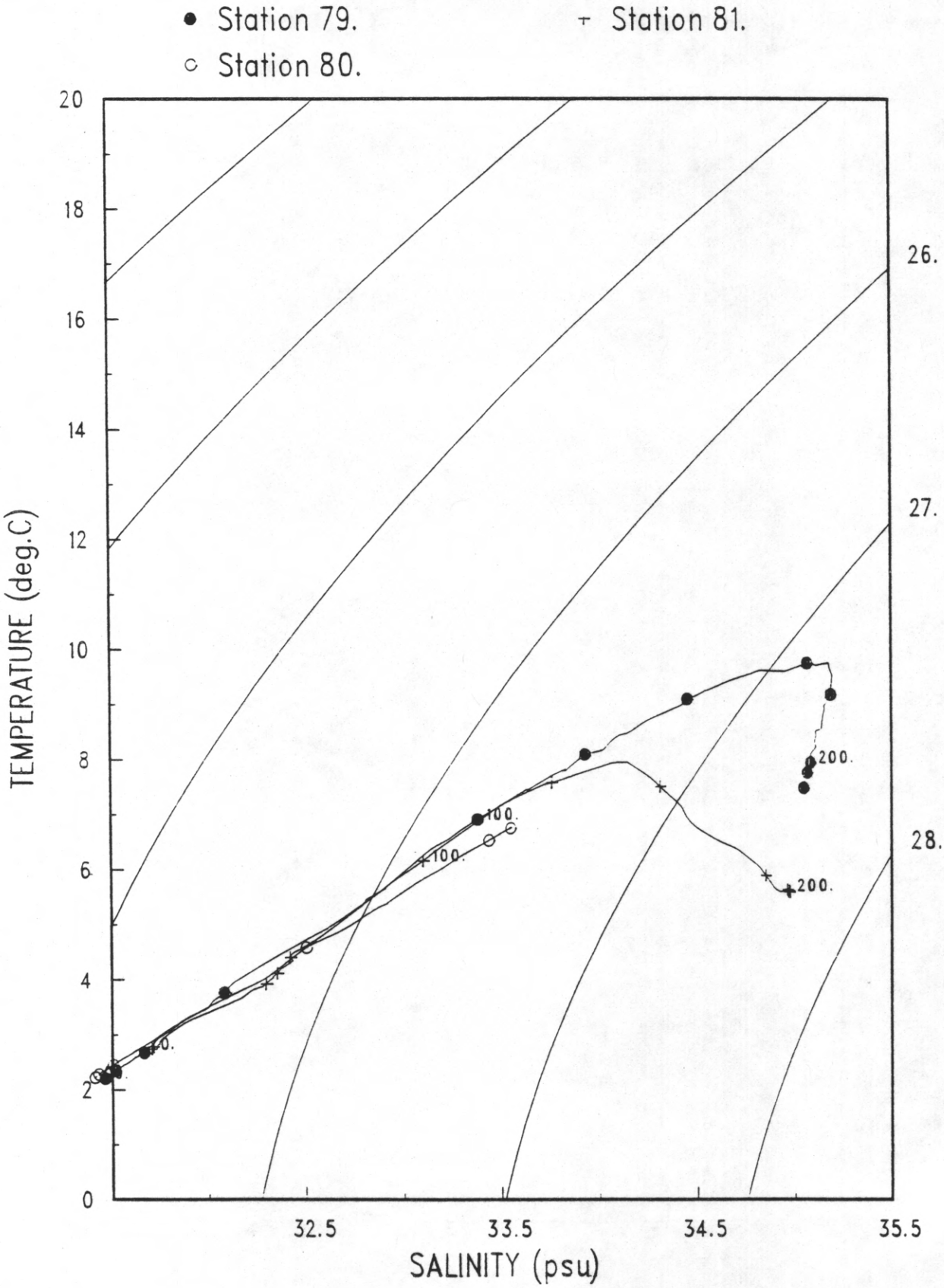
OC181--TS Diagram--Section 8



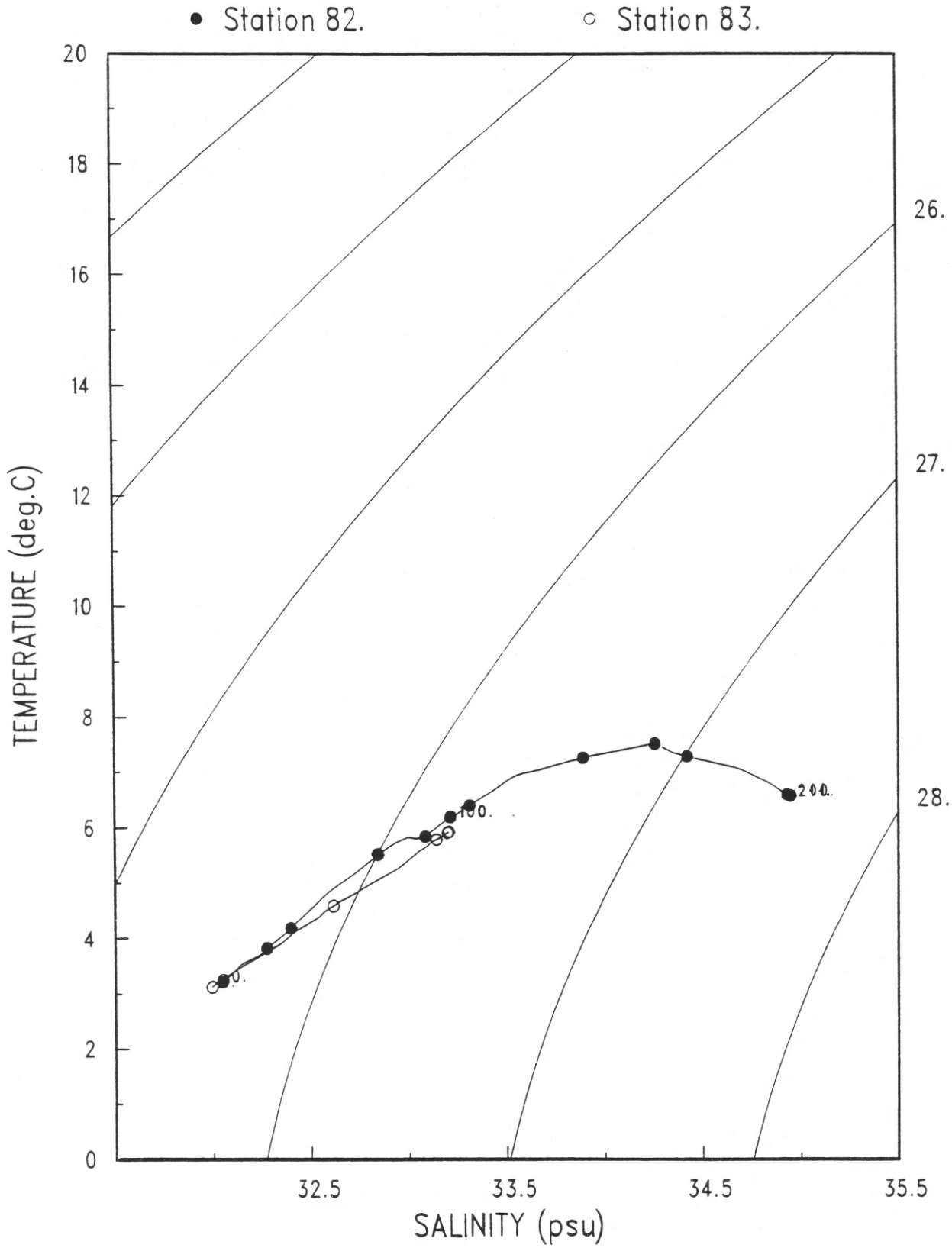
OC181--TS Diagram--Section 9



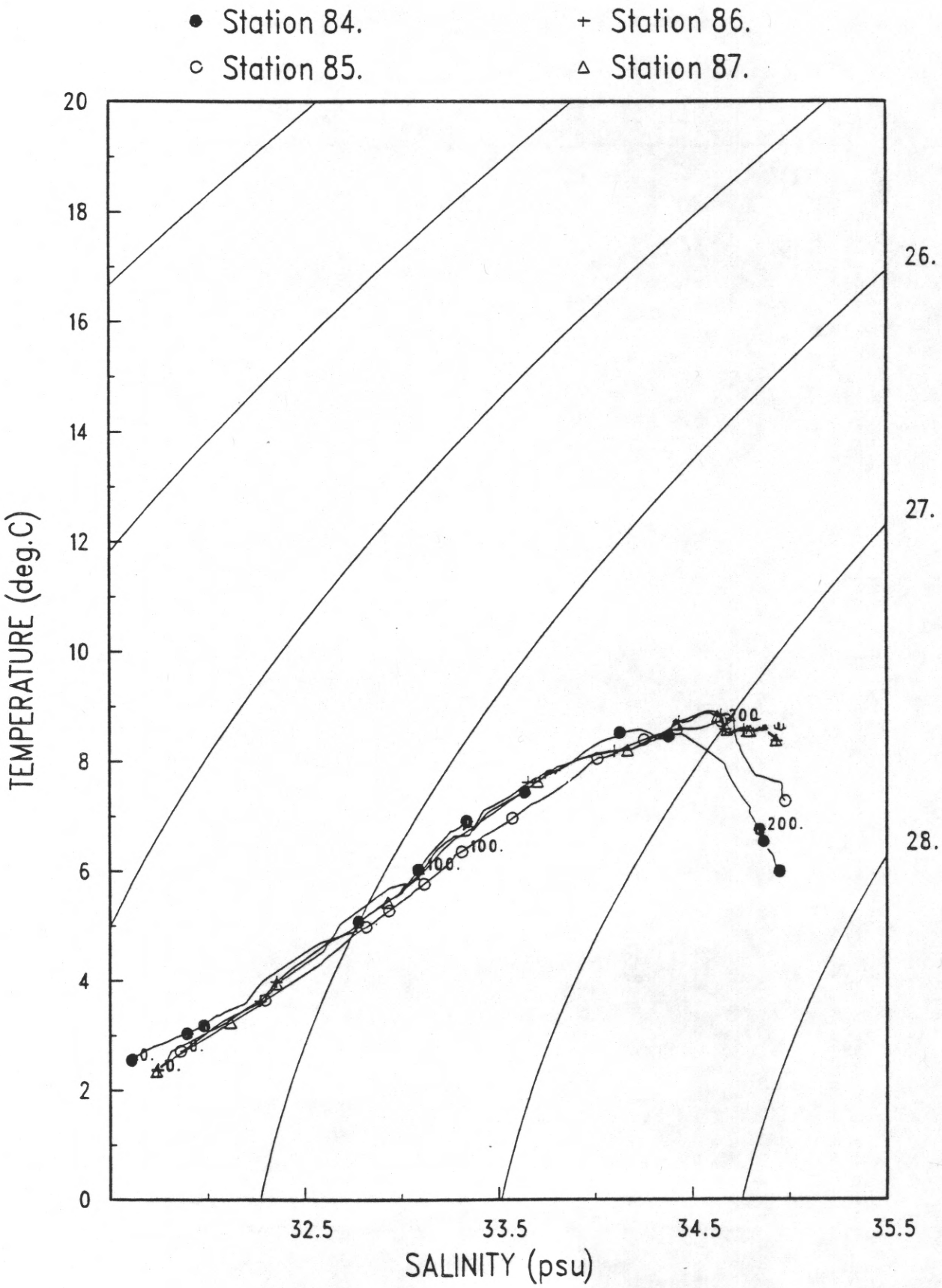
OC181--TS Diagram--Section 7



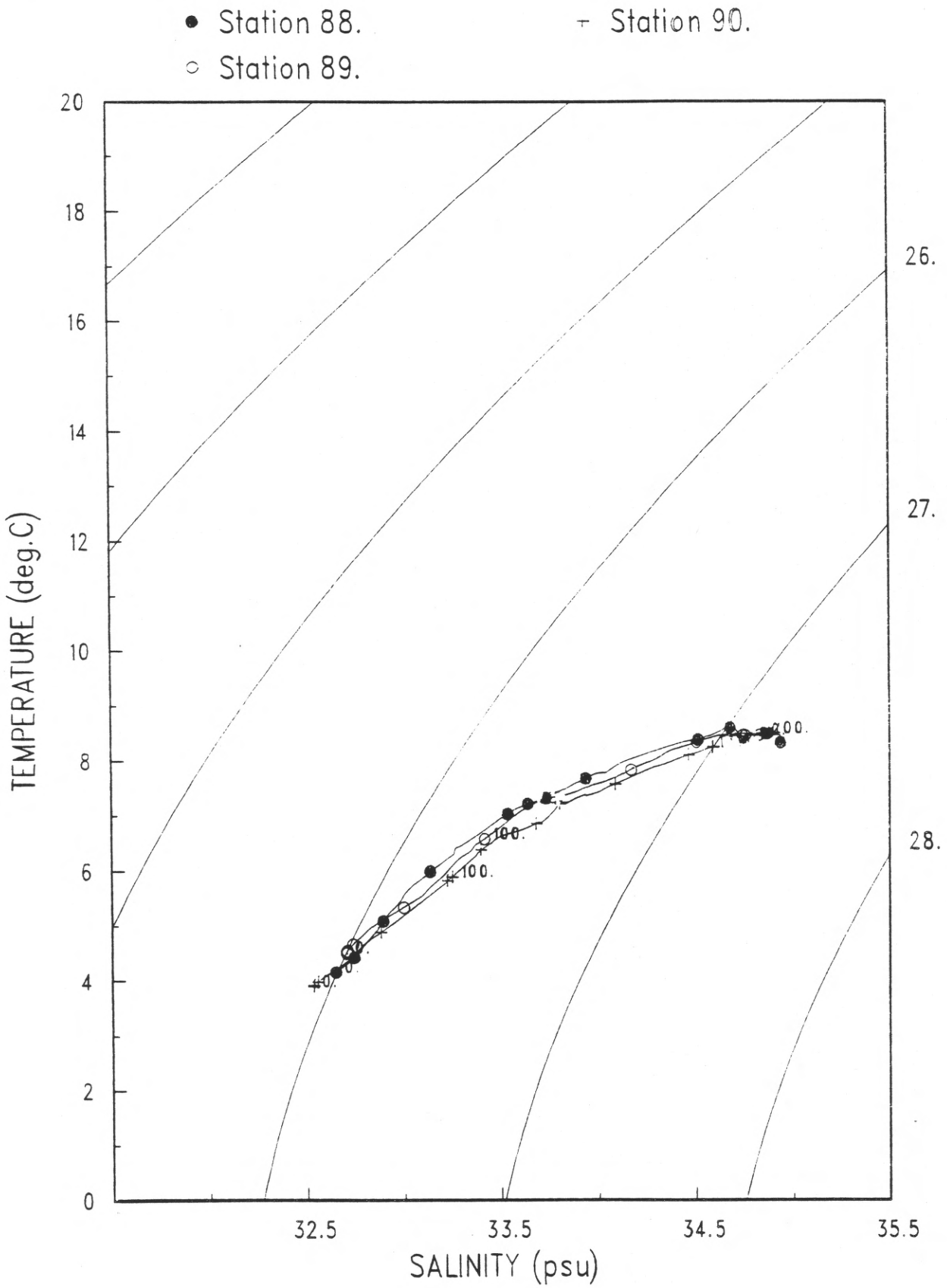
OC181--TS Diagram--Section 7



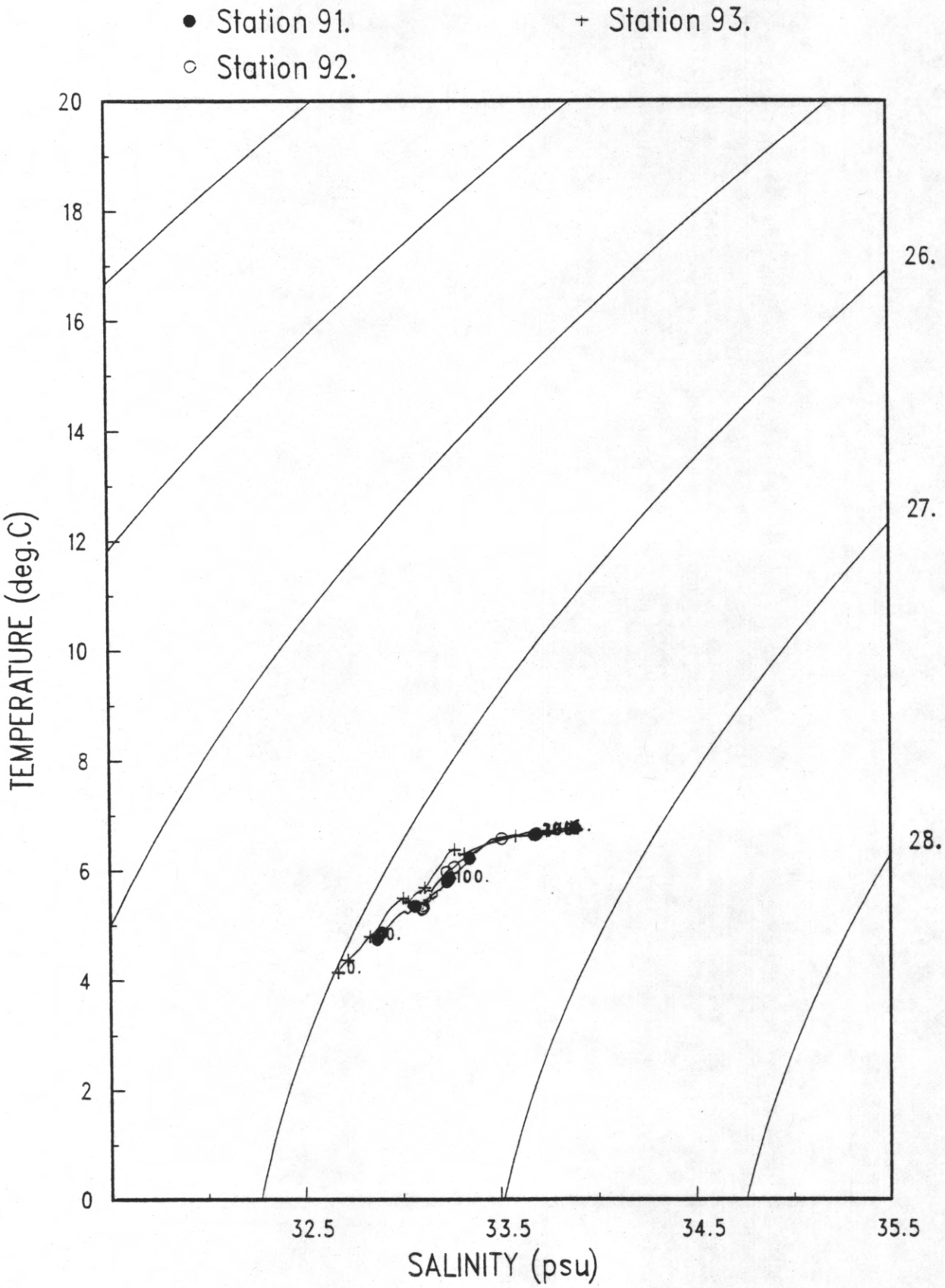
OC181--TS Diagram--Section 6



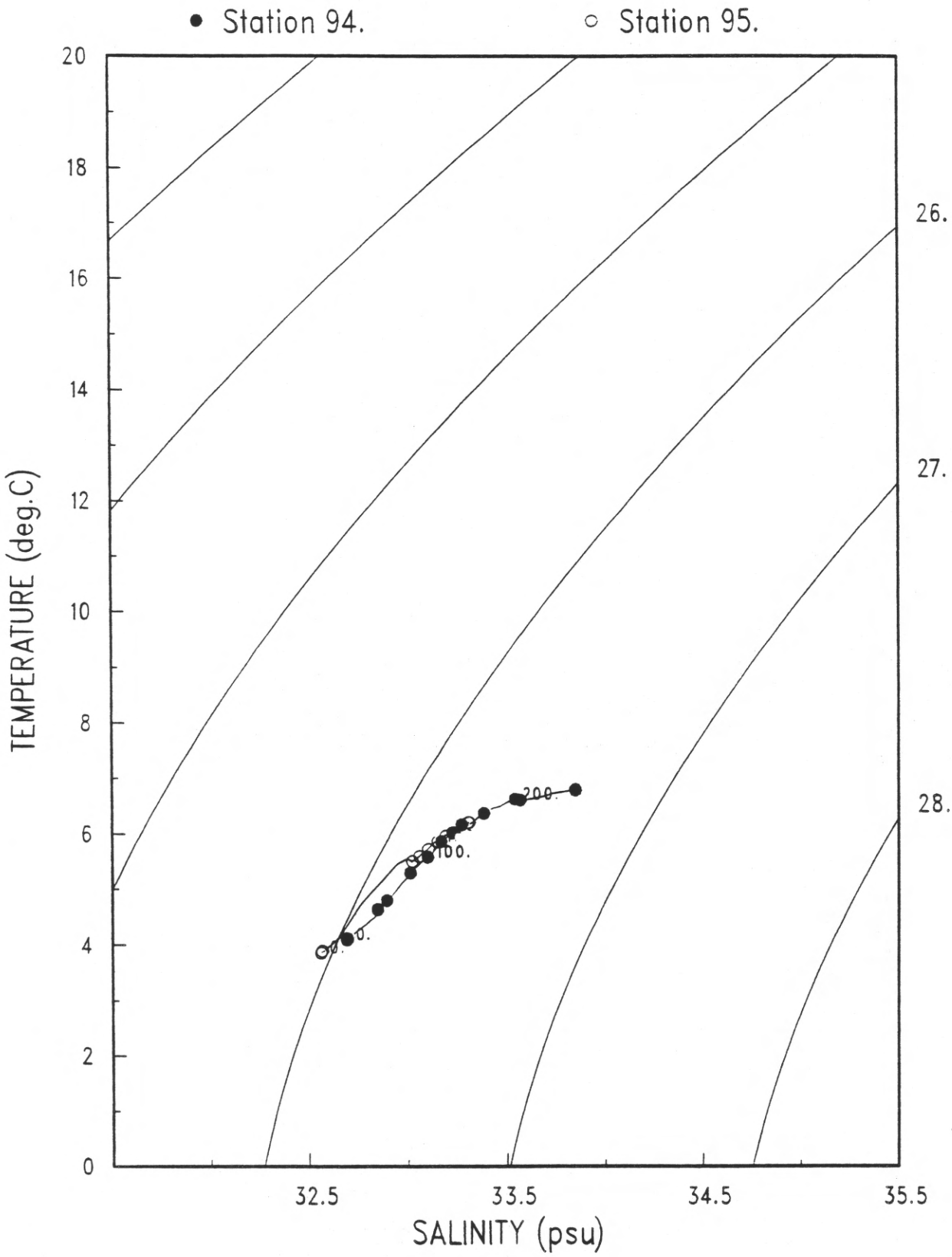
OC181--TS Diagram--Section 6



OC181--TS Diagram--Section 10



OC181--TS Diagram--Section 10

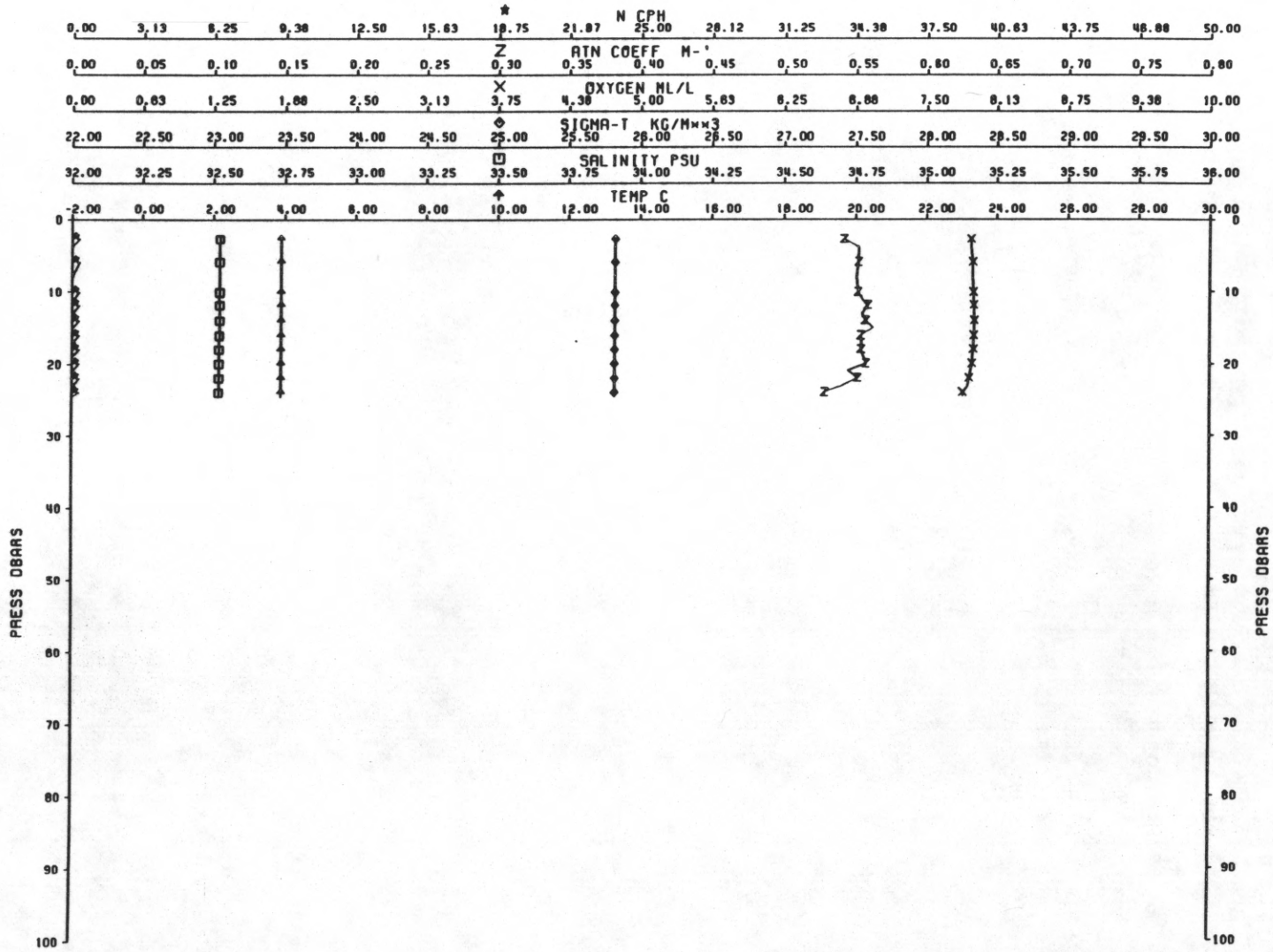


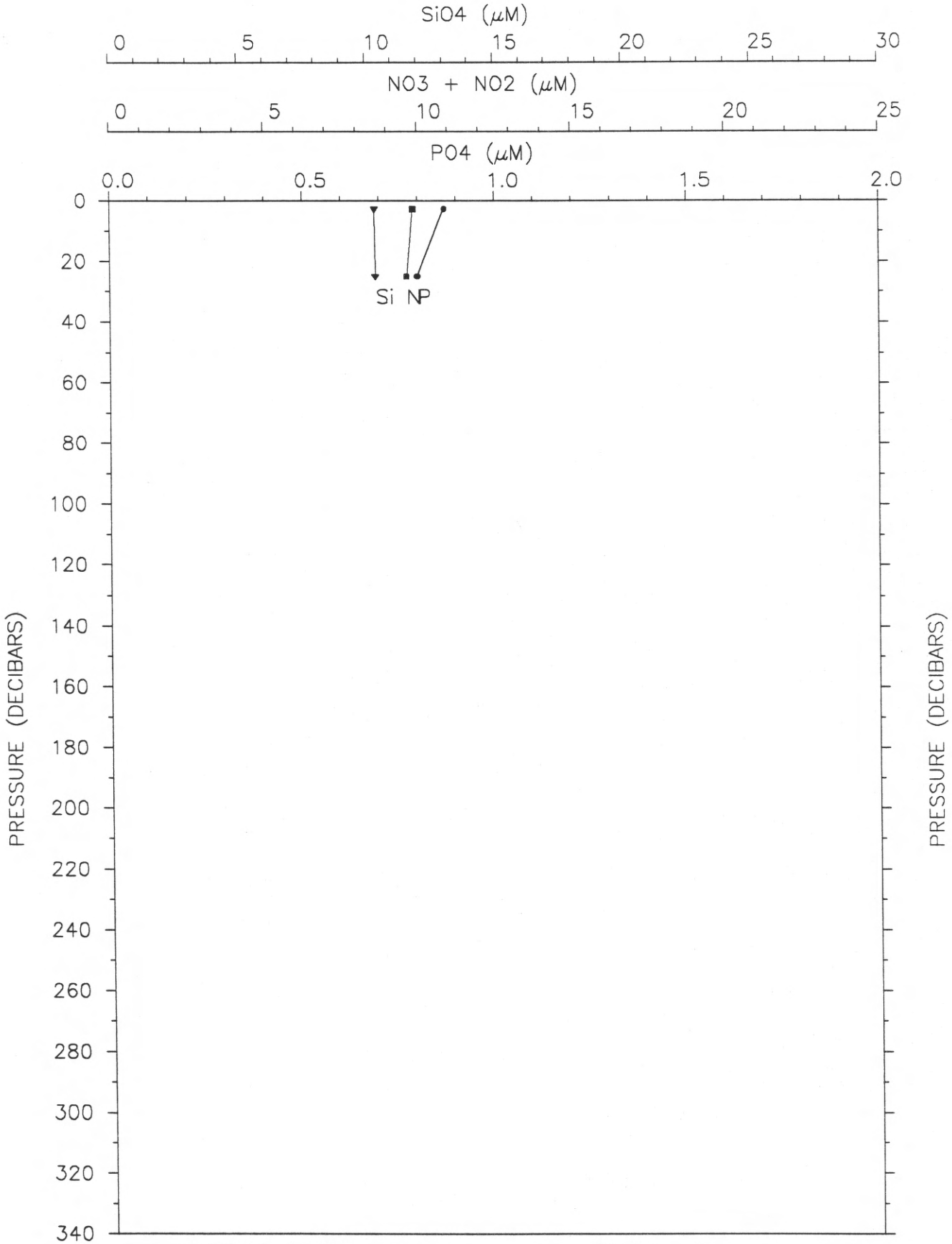
Station profiles

Vertical profiles of temperature, salinity, sigma-t, oxygen, attenuation coefficient, and Brunt-Vaisala frequency are presented at each station (figures 46a-140a). The profiles are drawn using the 2-dbar-averaged data; at approximately 10 dbars above the bottom, the averaging interval becomes 1 dbar. The data are listed in Appendix I. The different symbols used to distinguish variables are shown on each variable axis. The units of salinity are practical salinity units (psu) and are defined by Lewis (1980).

Vertical profiles of silicon, nitrogen and phosphorus are also presented at each station (figures 46b-140b). The data are listed in Table 7.

0C181U CAST #1

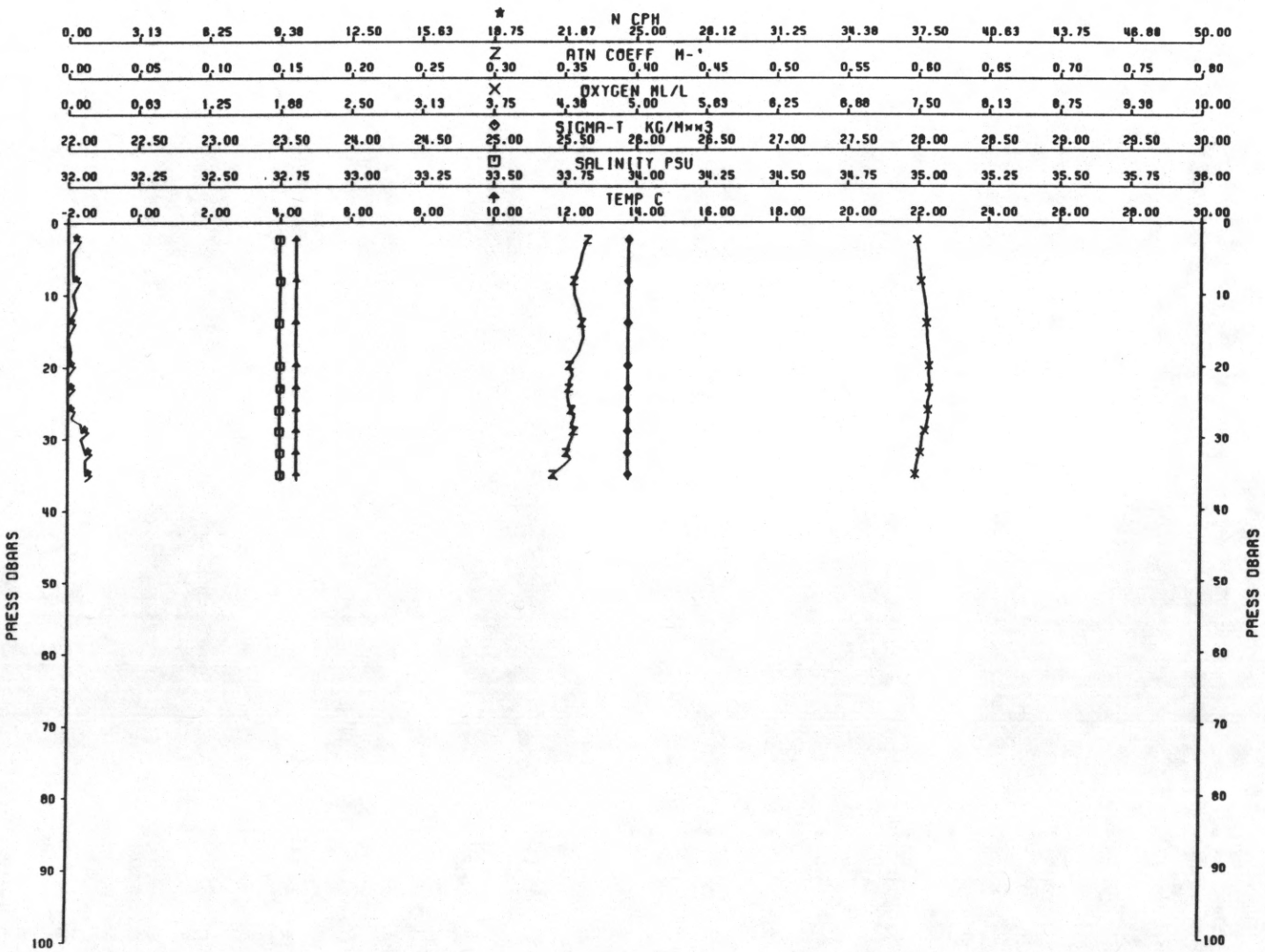


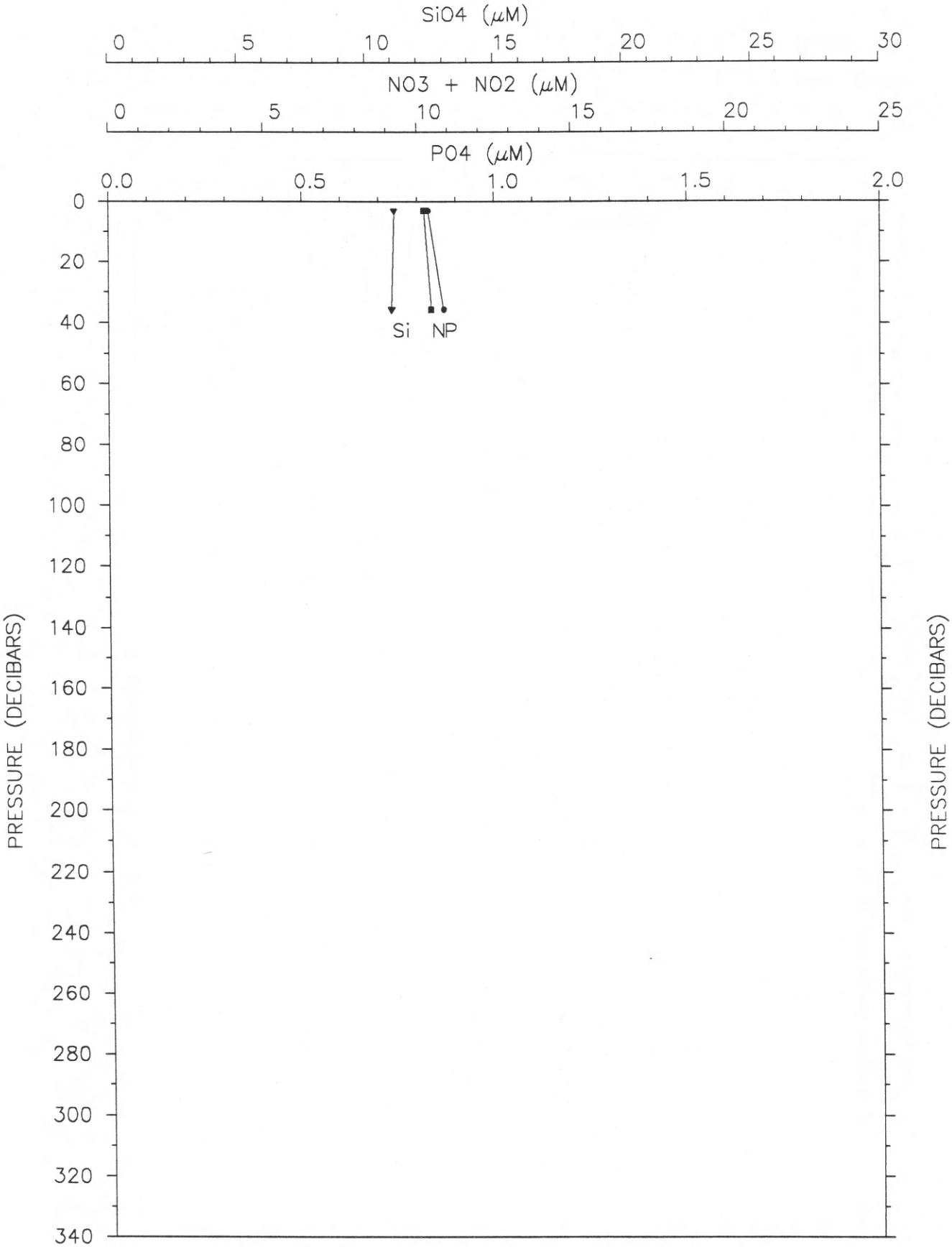


CRUISE: OC181
5 FEB 87
19: 15: 00 GMT

STATION: 1
41 26.08 N
69 37.80 W

OC181A CAST #2





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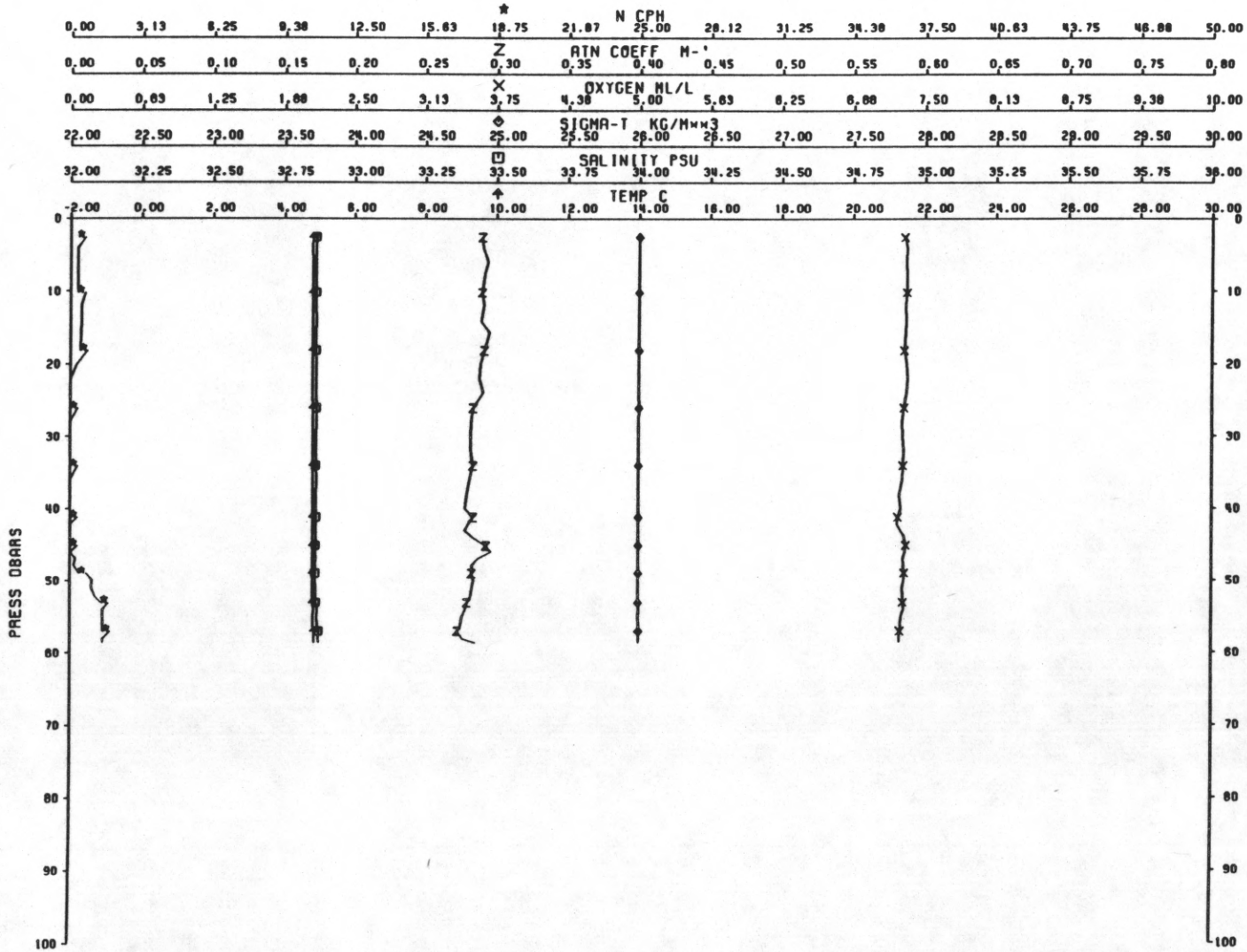
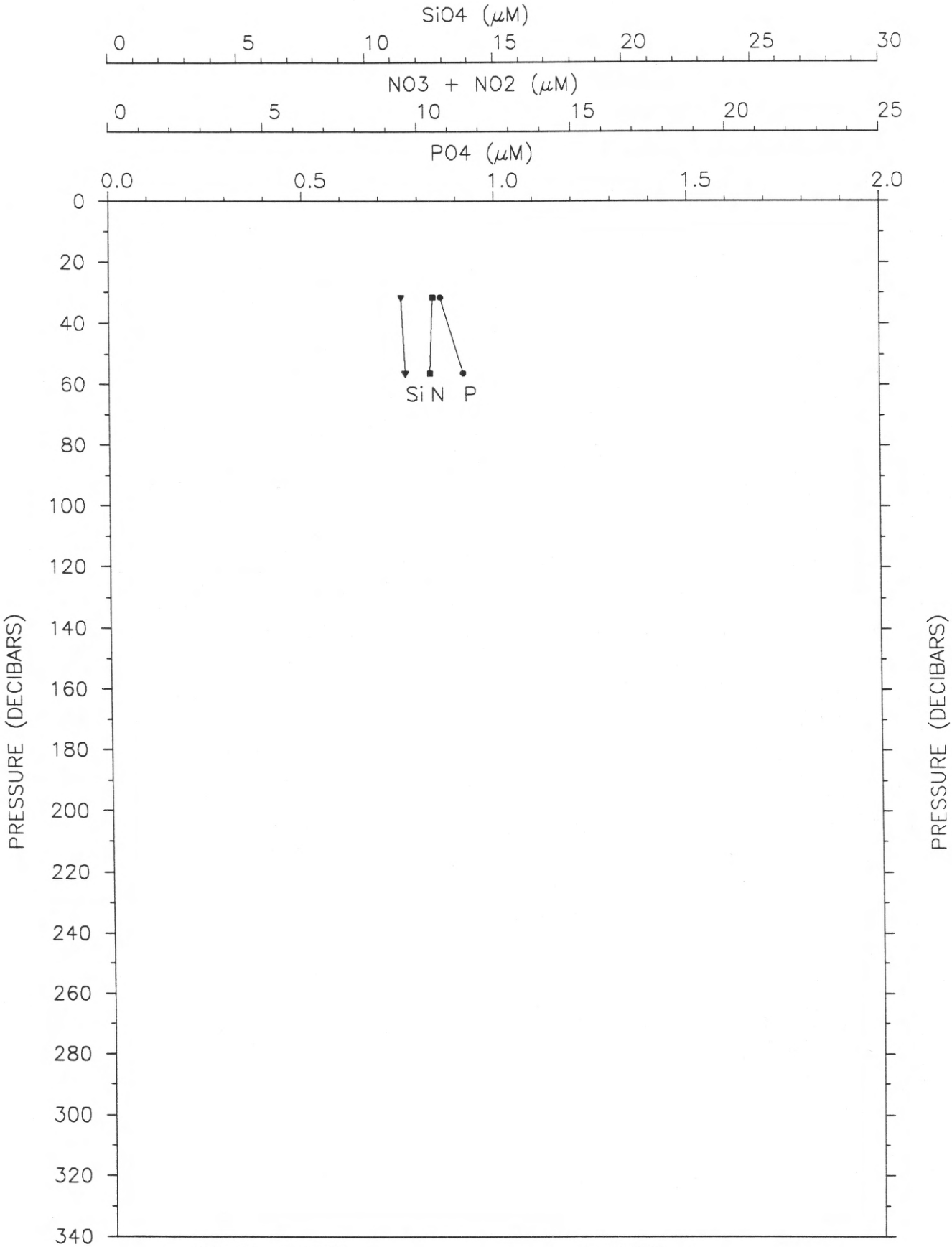
20: 07: 30 GMT

STATION: 2
41 29.00 N
69 31.10 W

0C181U CAST #3

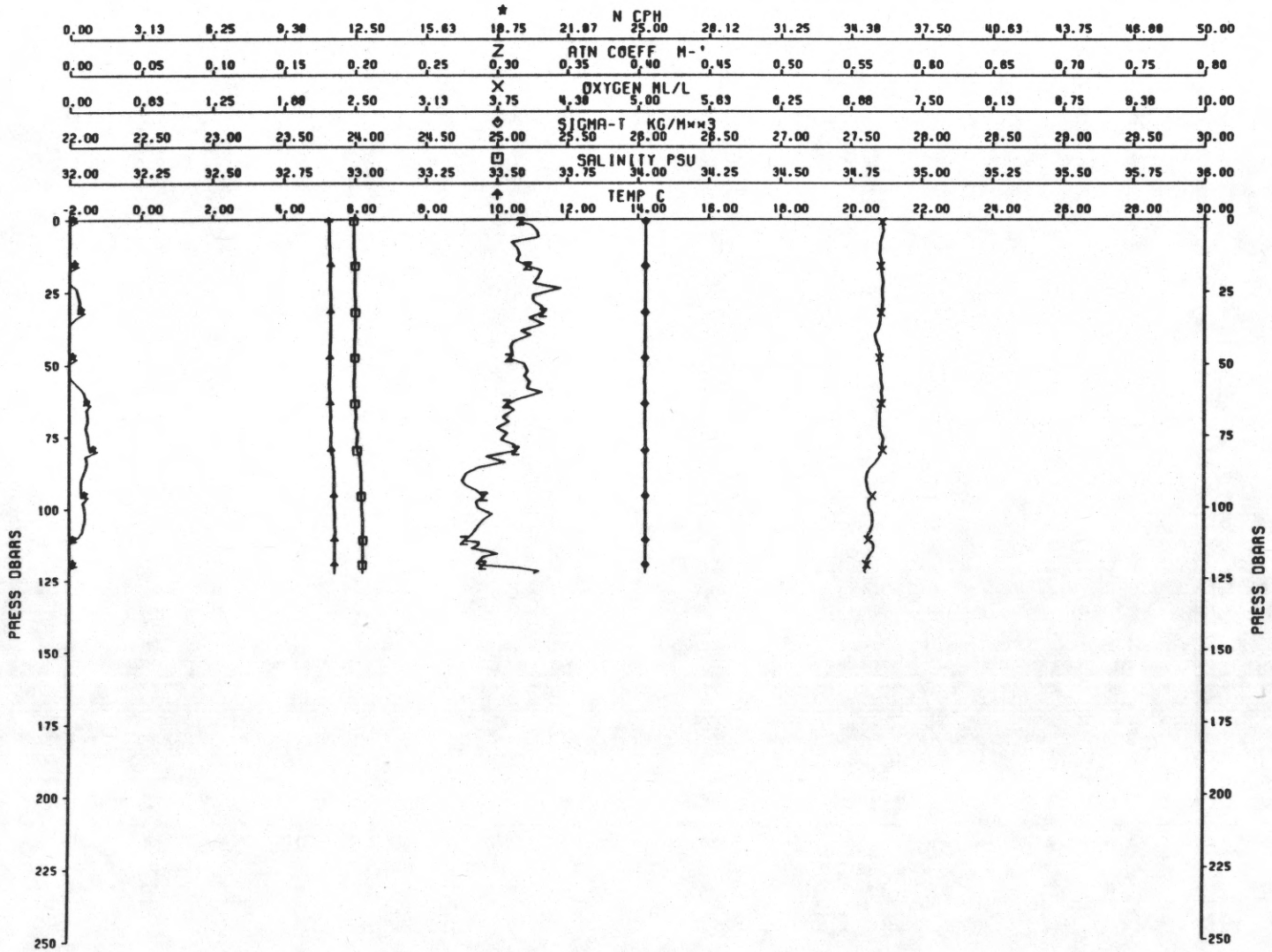


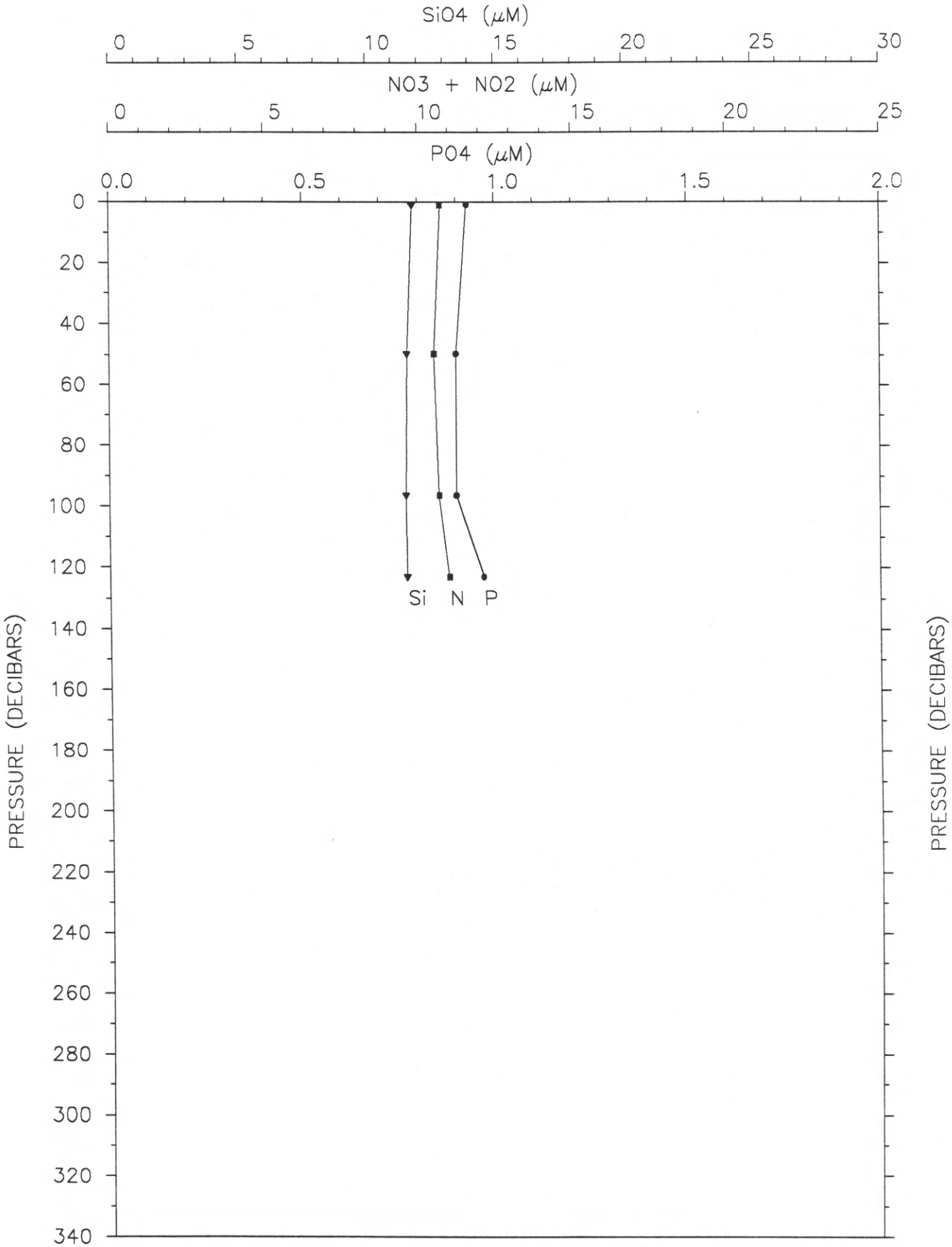


CRUISE: OC181
5 FEB 87
20: 52: 30 GMT

STATION: 3
41 30.00 N
69 25.11 W

OC181B CAST #4

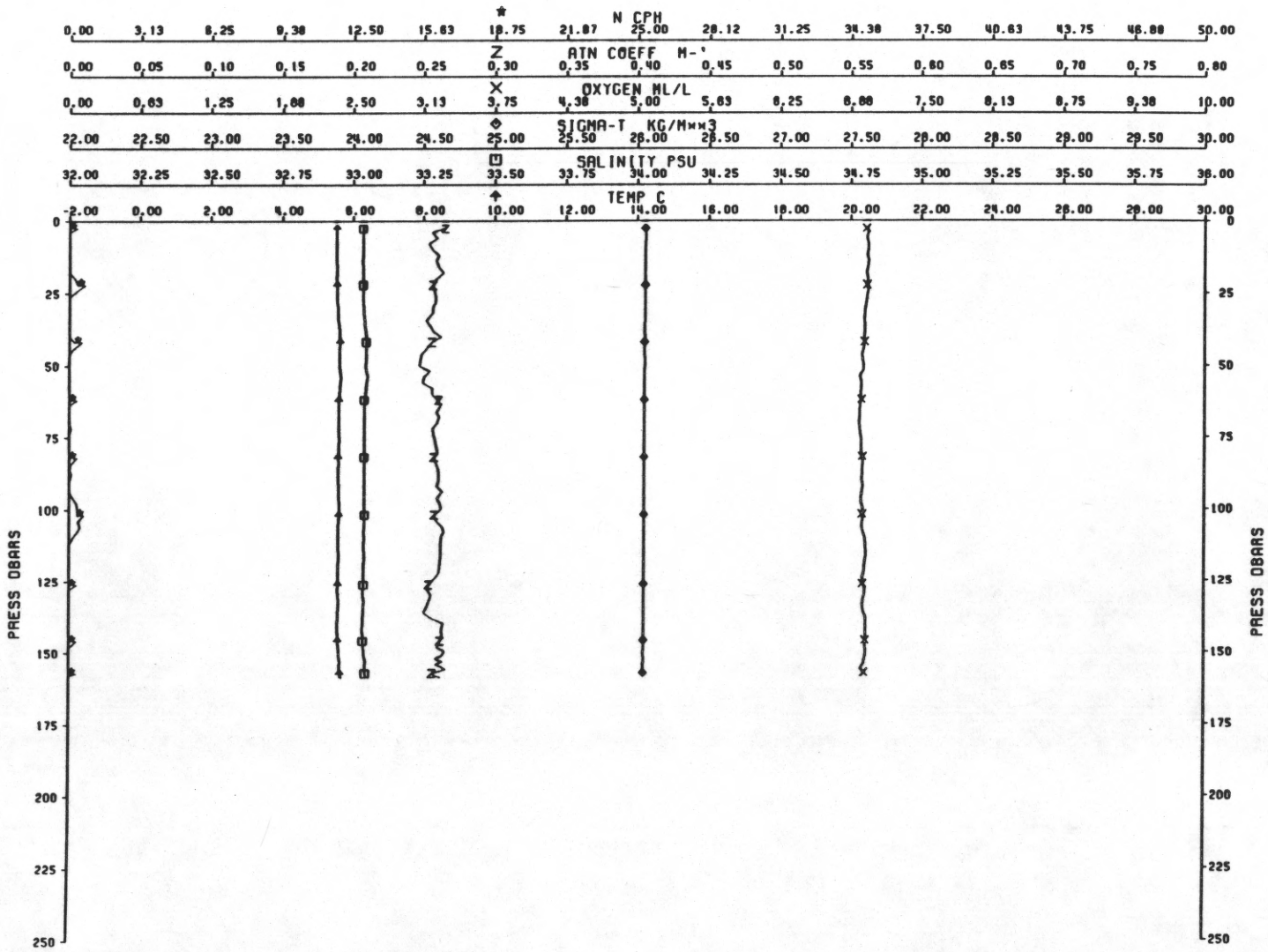


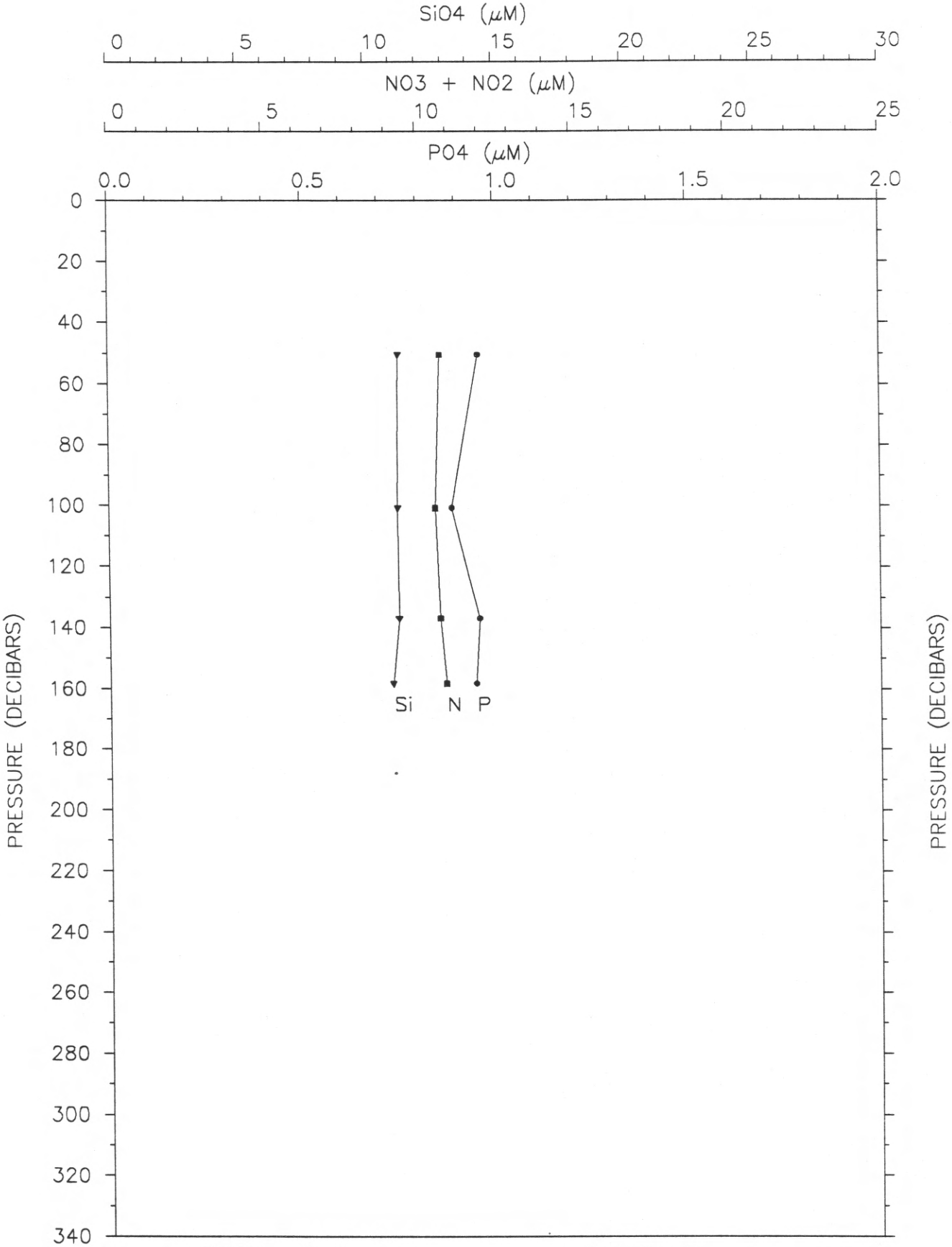


CRUISE: OC181
5 FEB 87
22: 15: 00 GMT

STATION: 4
41 31.56 N
69 18.00 W

OC181B CAST #5

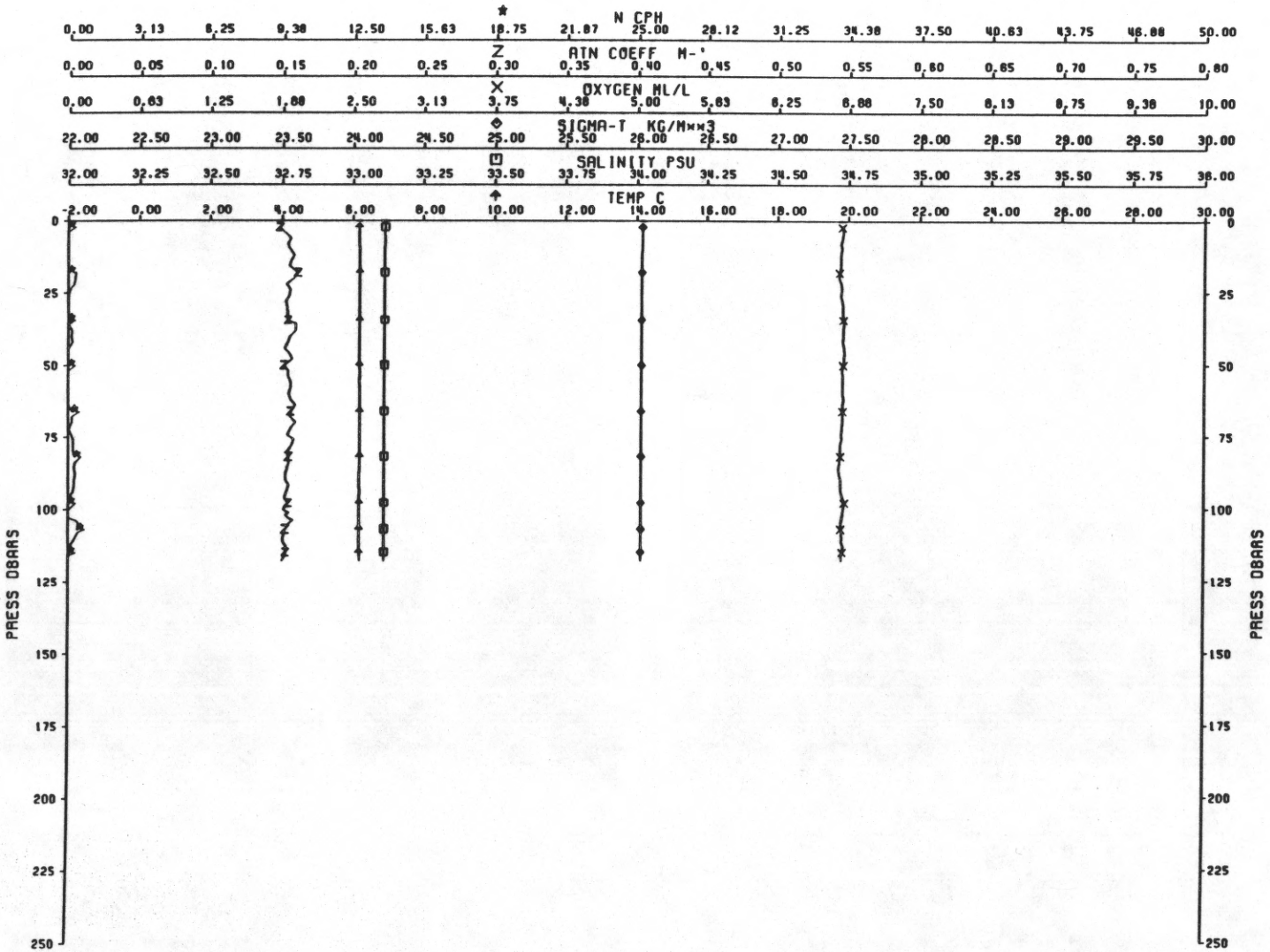


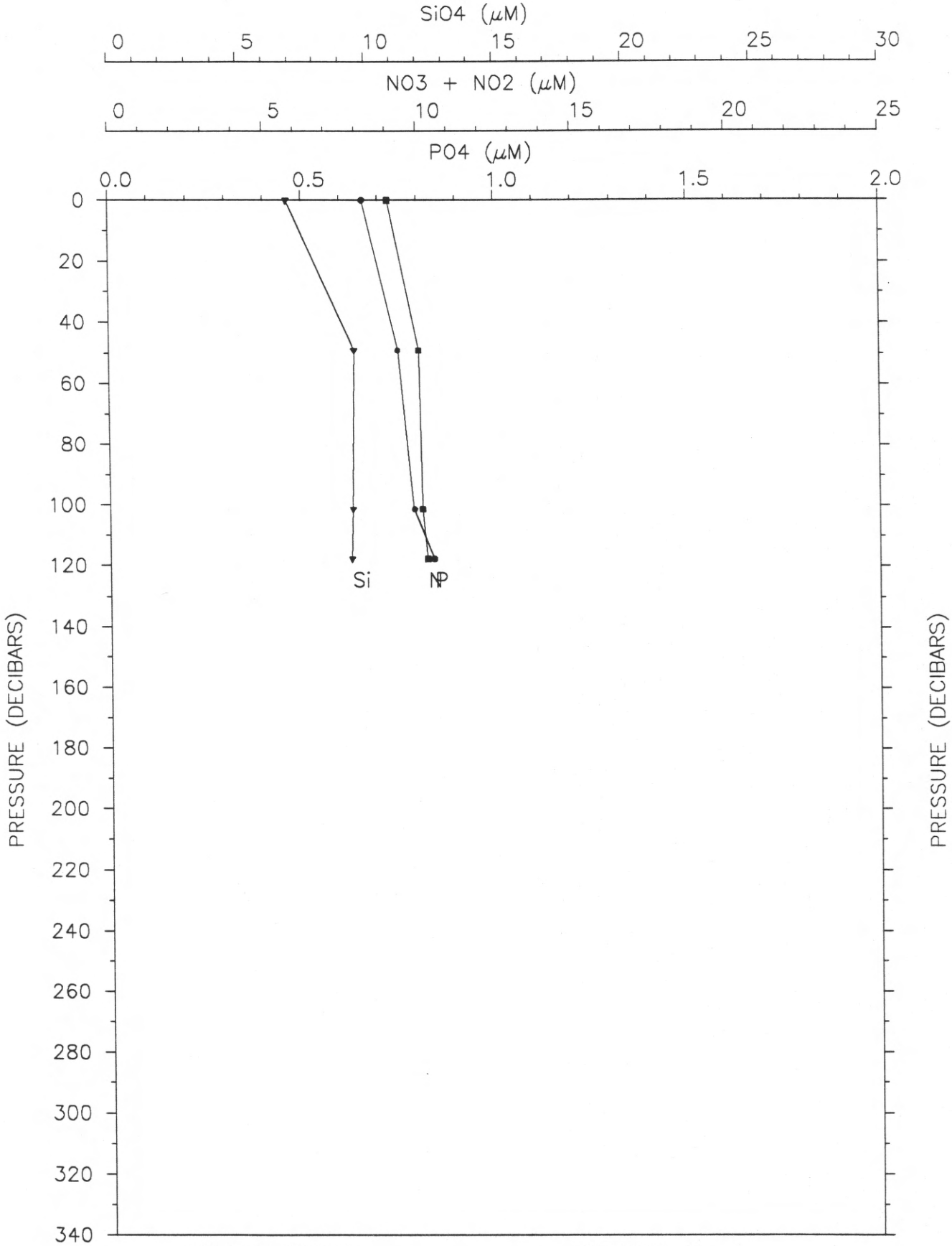


CRUISE: OC181
5 FEB 87
23: 45: 00 GMT

STATION: 5
41 34.03 N
69 05.01 W

ØC181U CAST #6

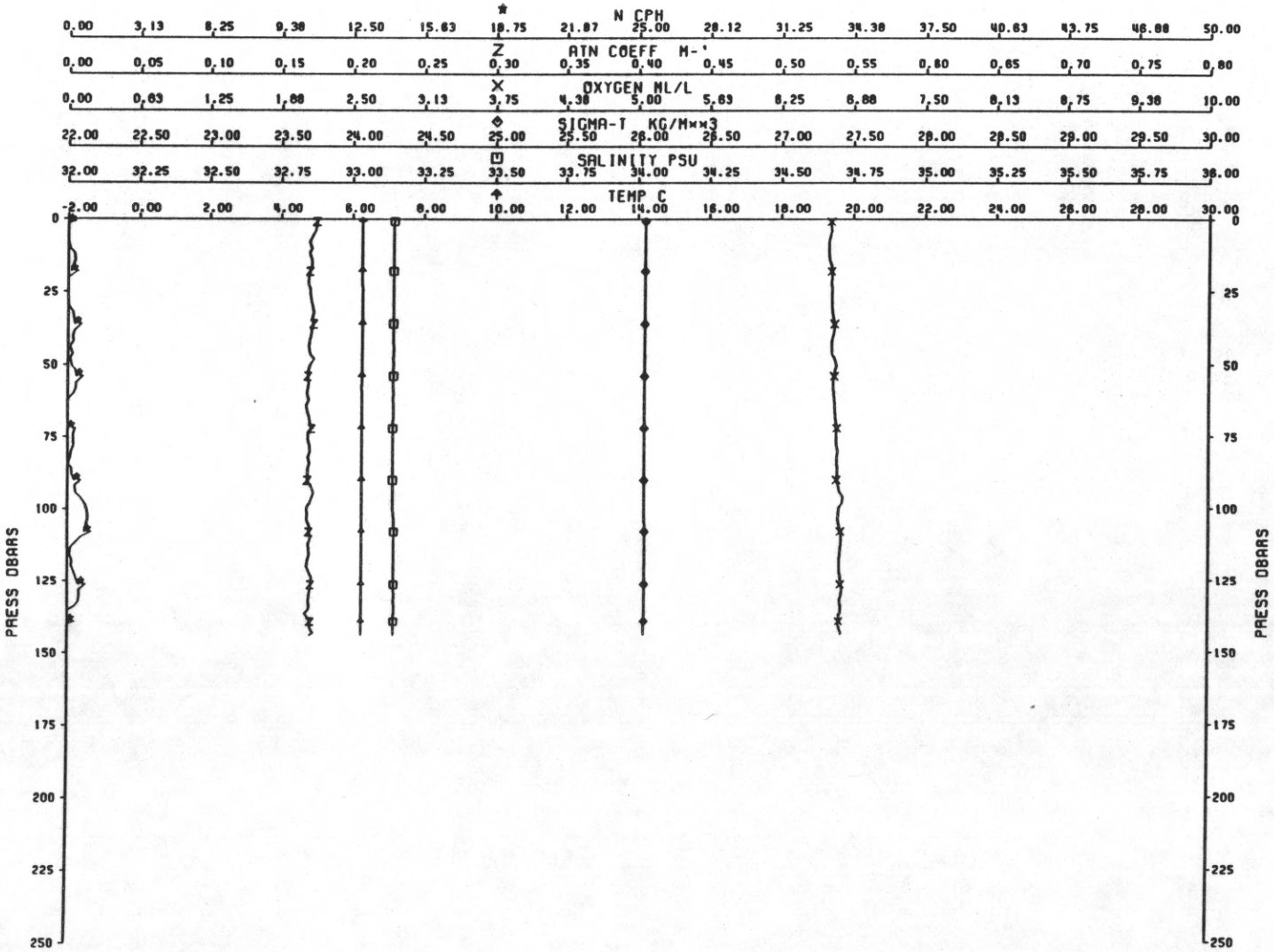


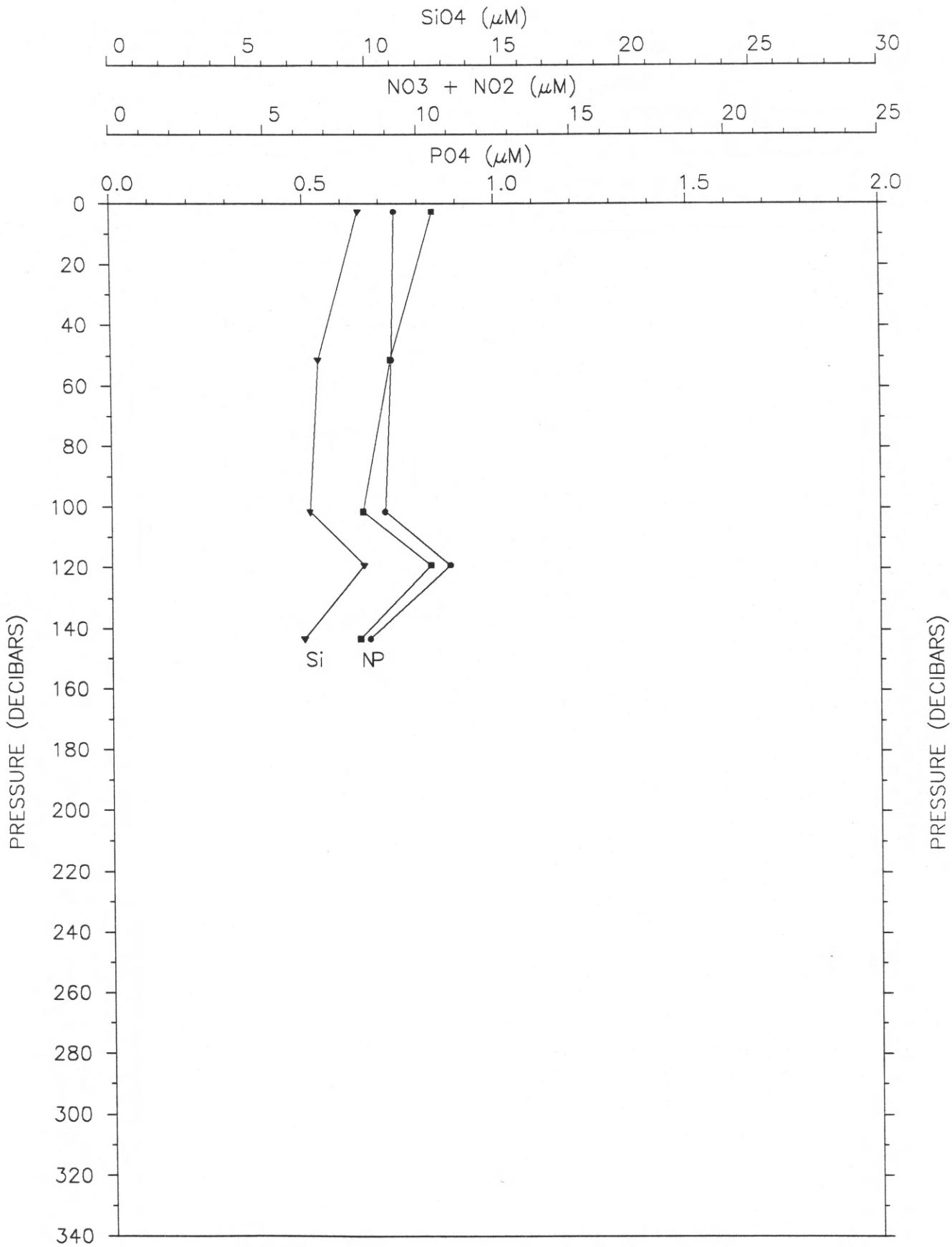


CRUISE: OC181
6 FEB 87
01: 30: 00 GMT

STATION: 6
41 37.04 N
68 52.03 W

0C181A CAST #7

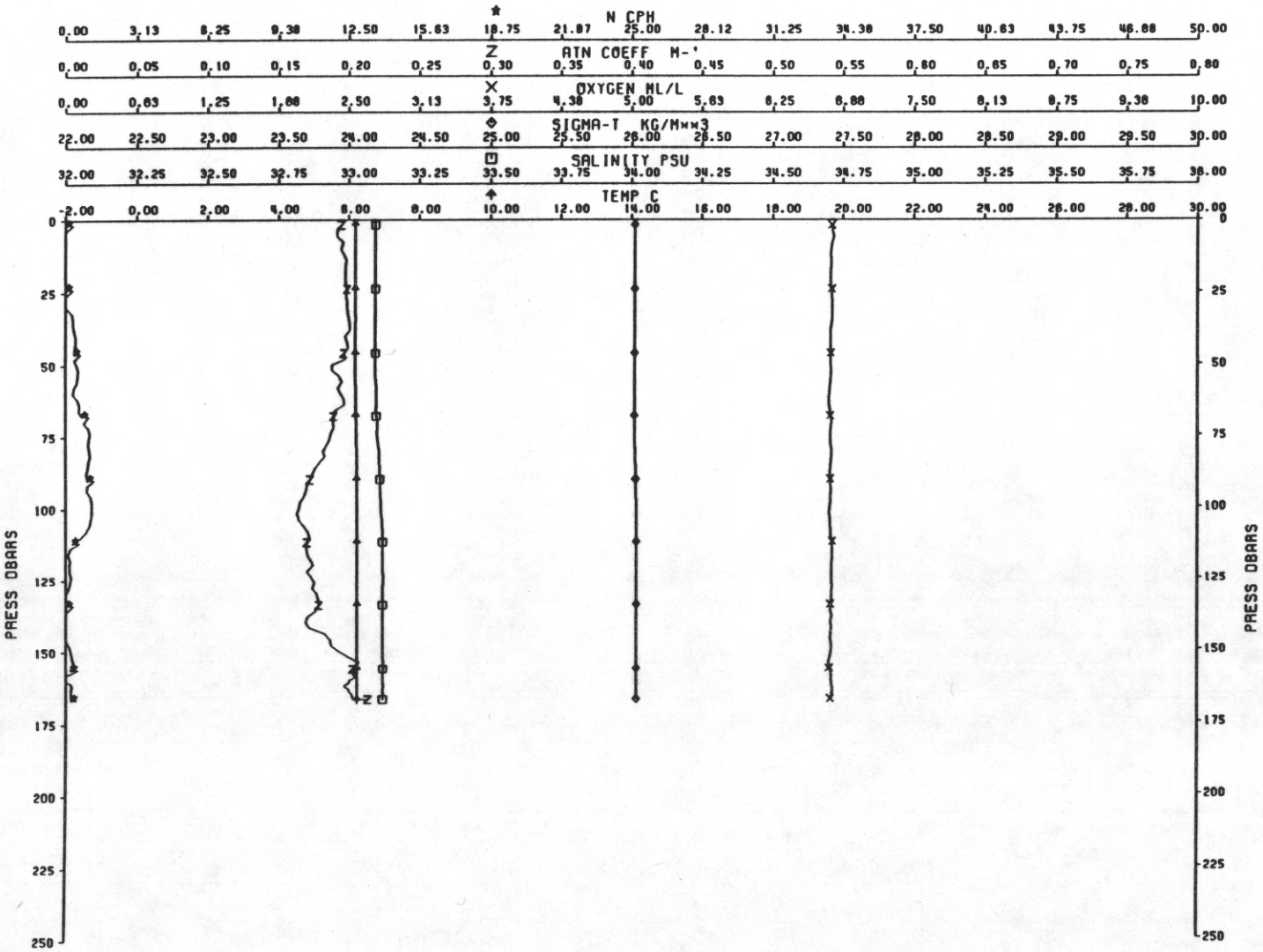


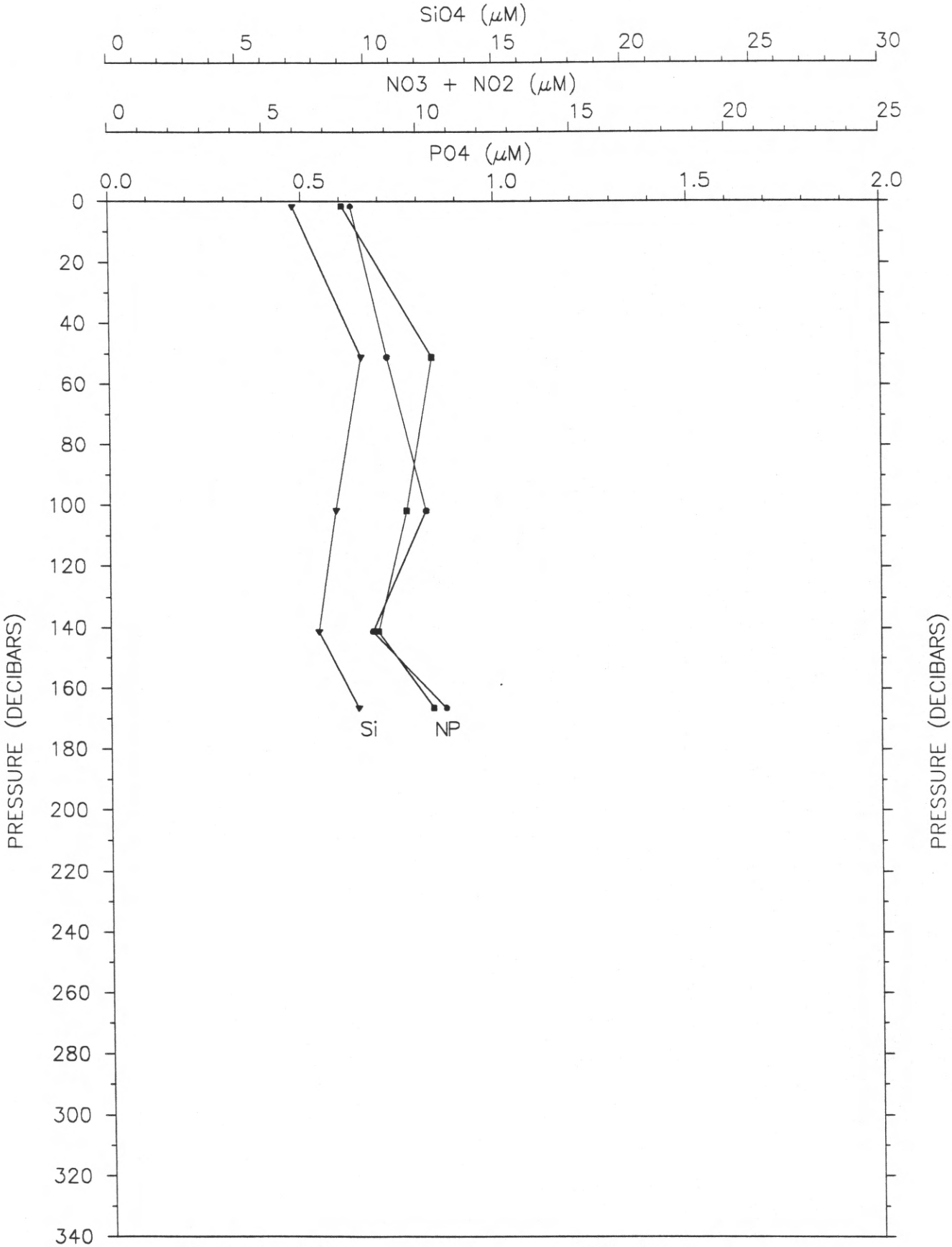


CRUISE: OC181
6 FEB 87
03: 00: 00 GMT

STATION: 7
41 39.06 N
68 39.02 W

0C181U CAST #8

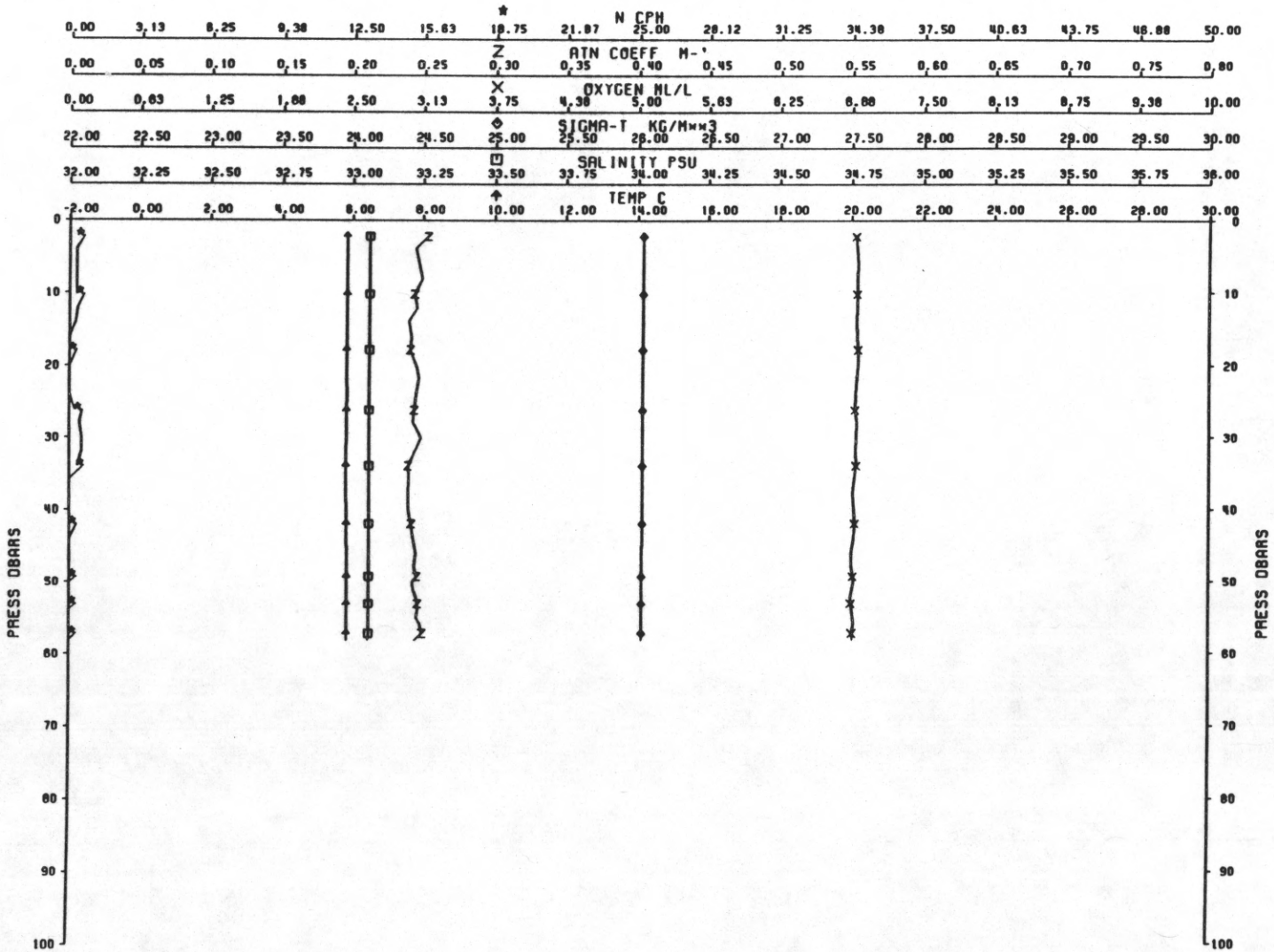


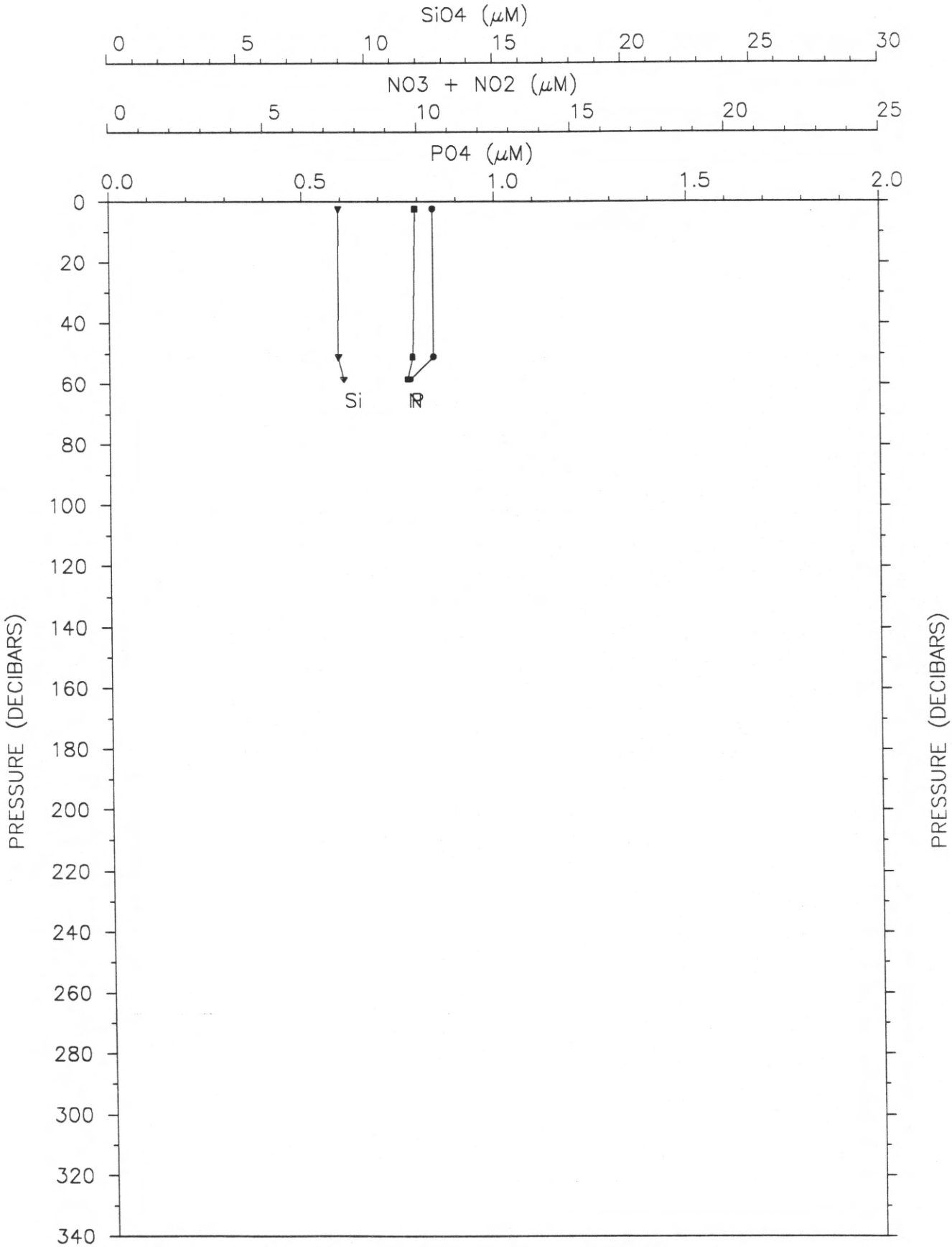


CRUISE: OC181
6 FEB 87
04: 22: 30 GMT

STATION: 8
41 42.12 N
68 25.96 W

OC181B CAST #9





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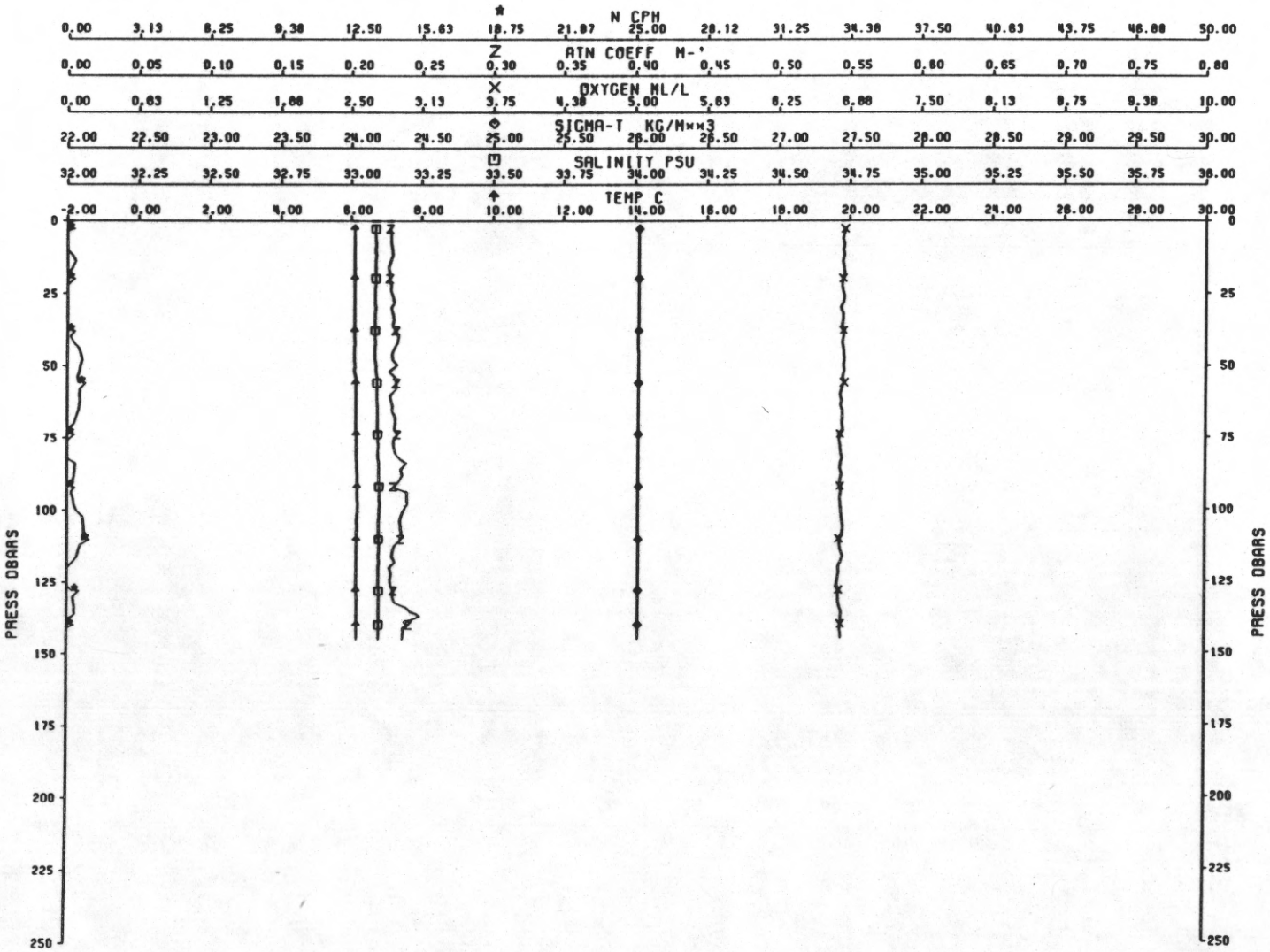
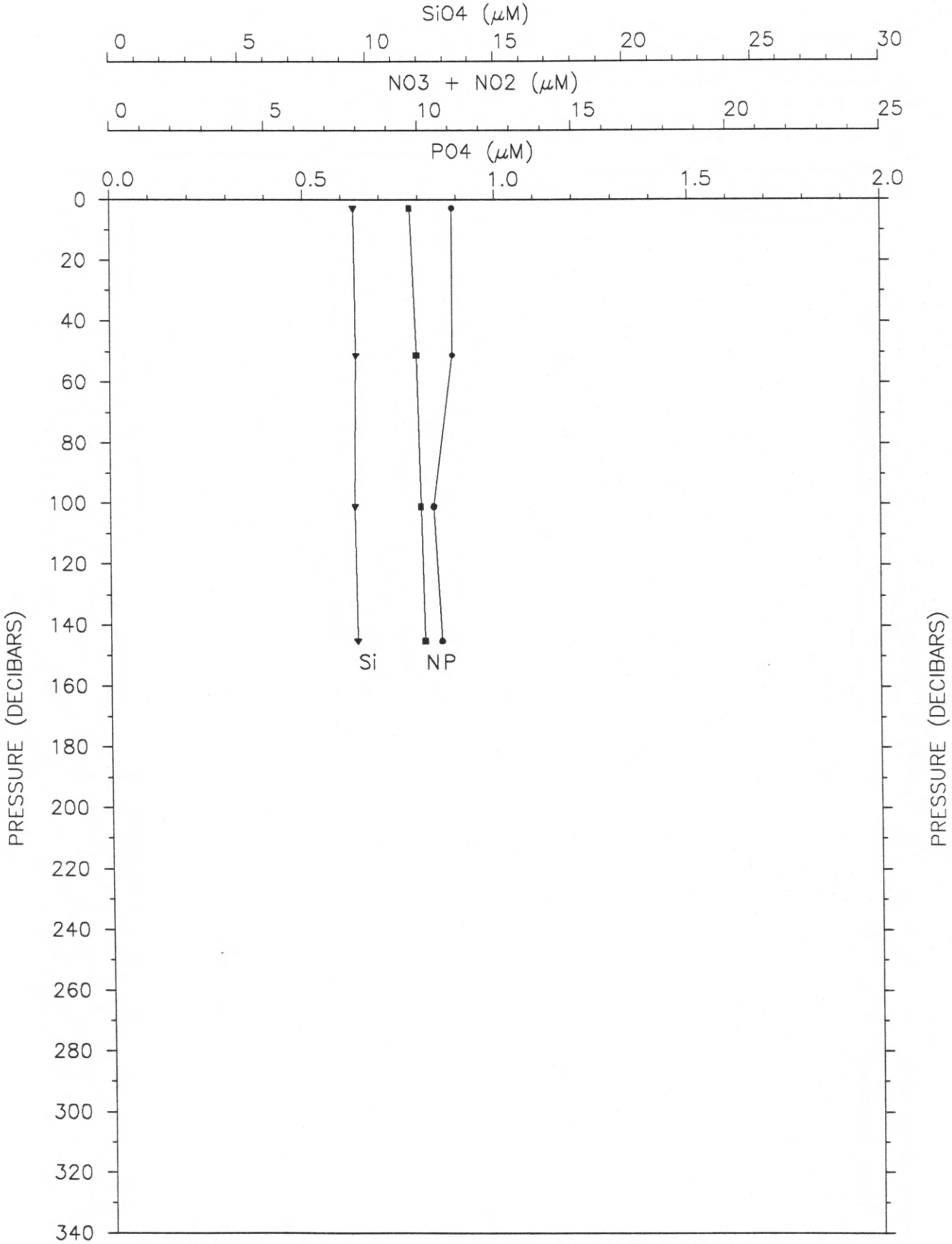
05: 52: 30 GMT

STATION: 9
41 45.20 N
68 11.80 W

0C181U CAST #10





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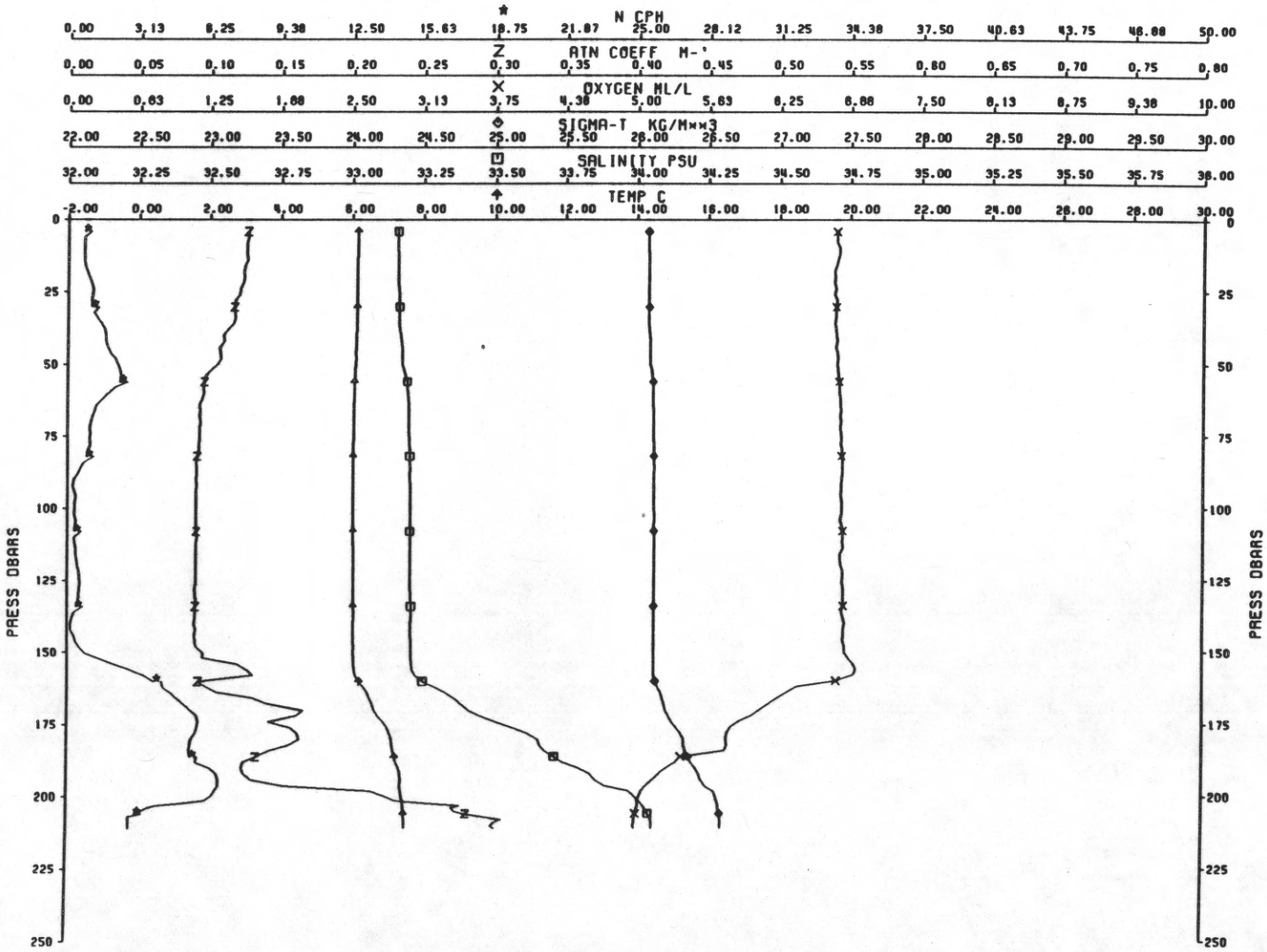
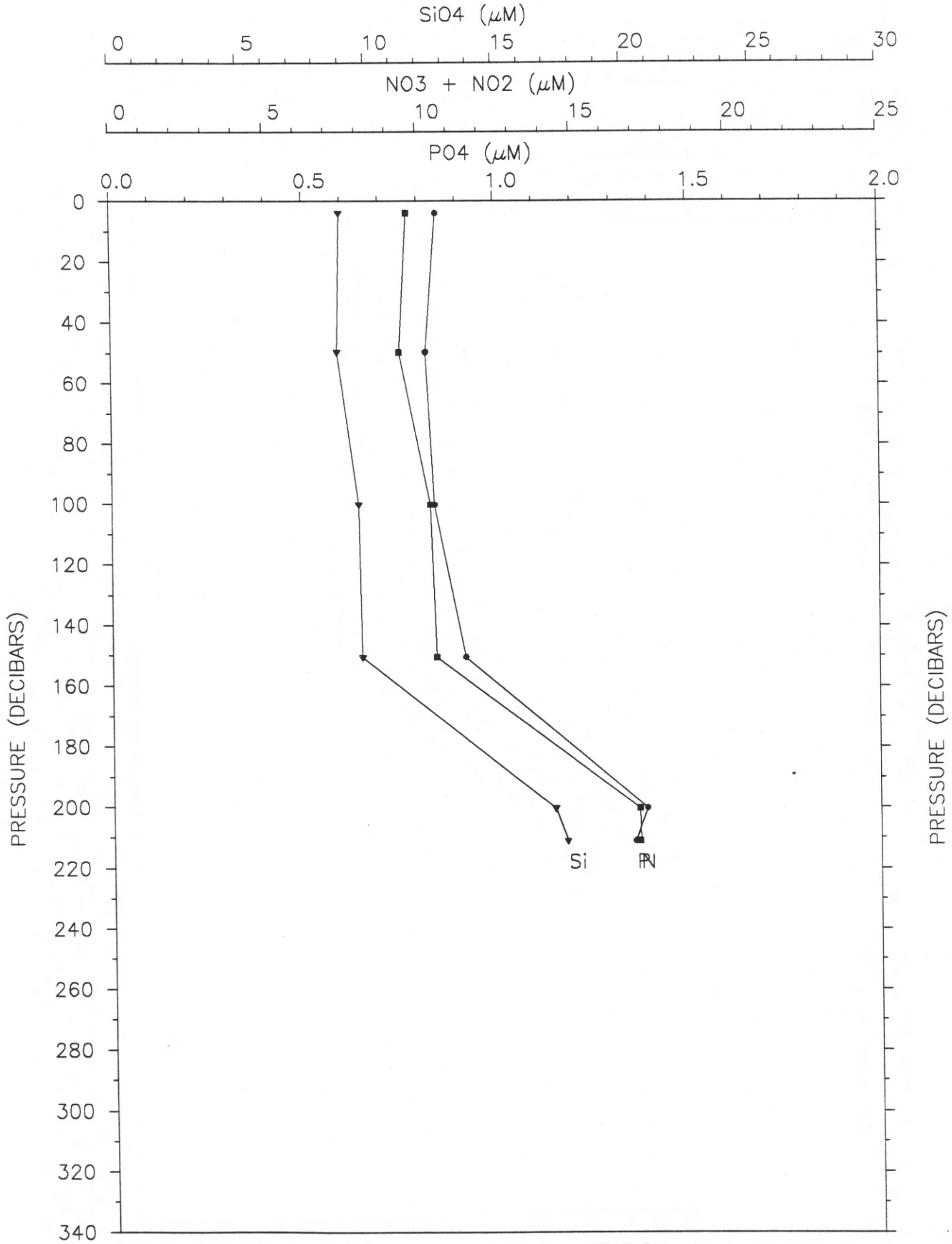
06: 30: 00 GMT

STATION: 10
41 49.06 N
68 15.07 W

0C181U CAST #11





CRUISE: OC181
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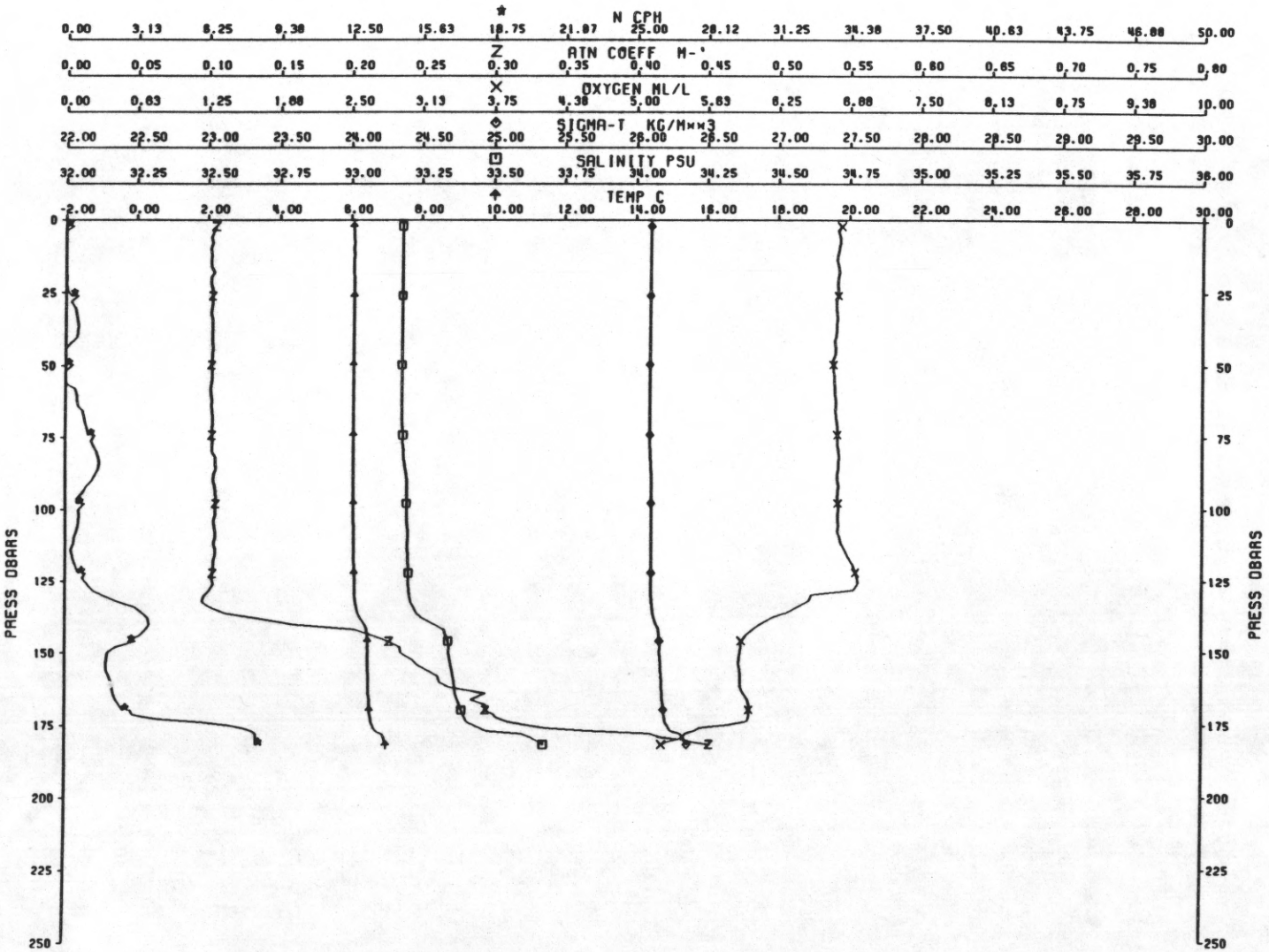
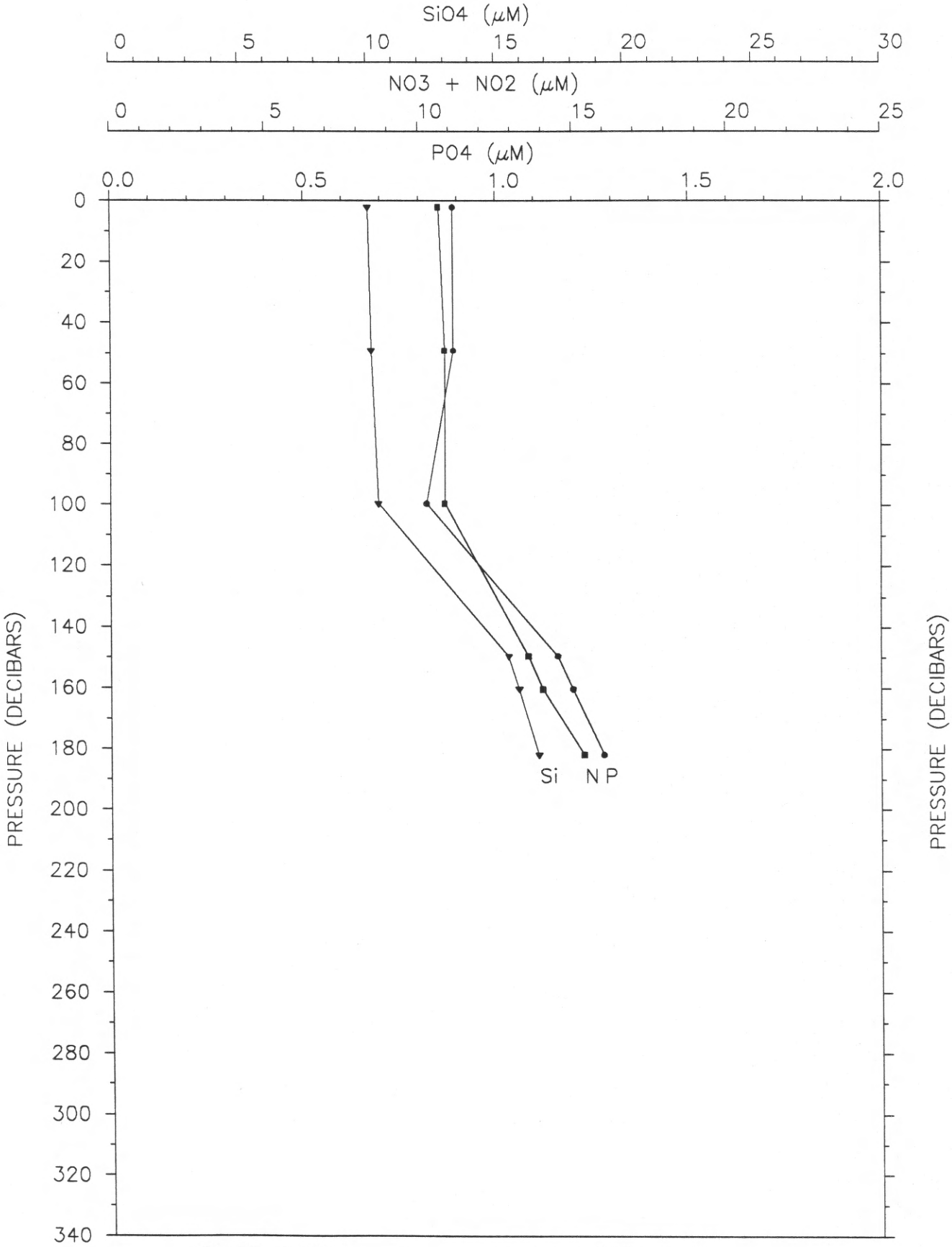
07: 30: 00 GMT

STATION: 11
41 54.08 N
68 17.87 W

OC181U CAST #12





CRUISE: OC181
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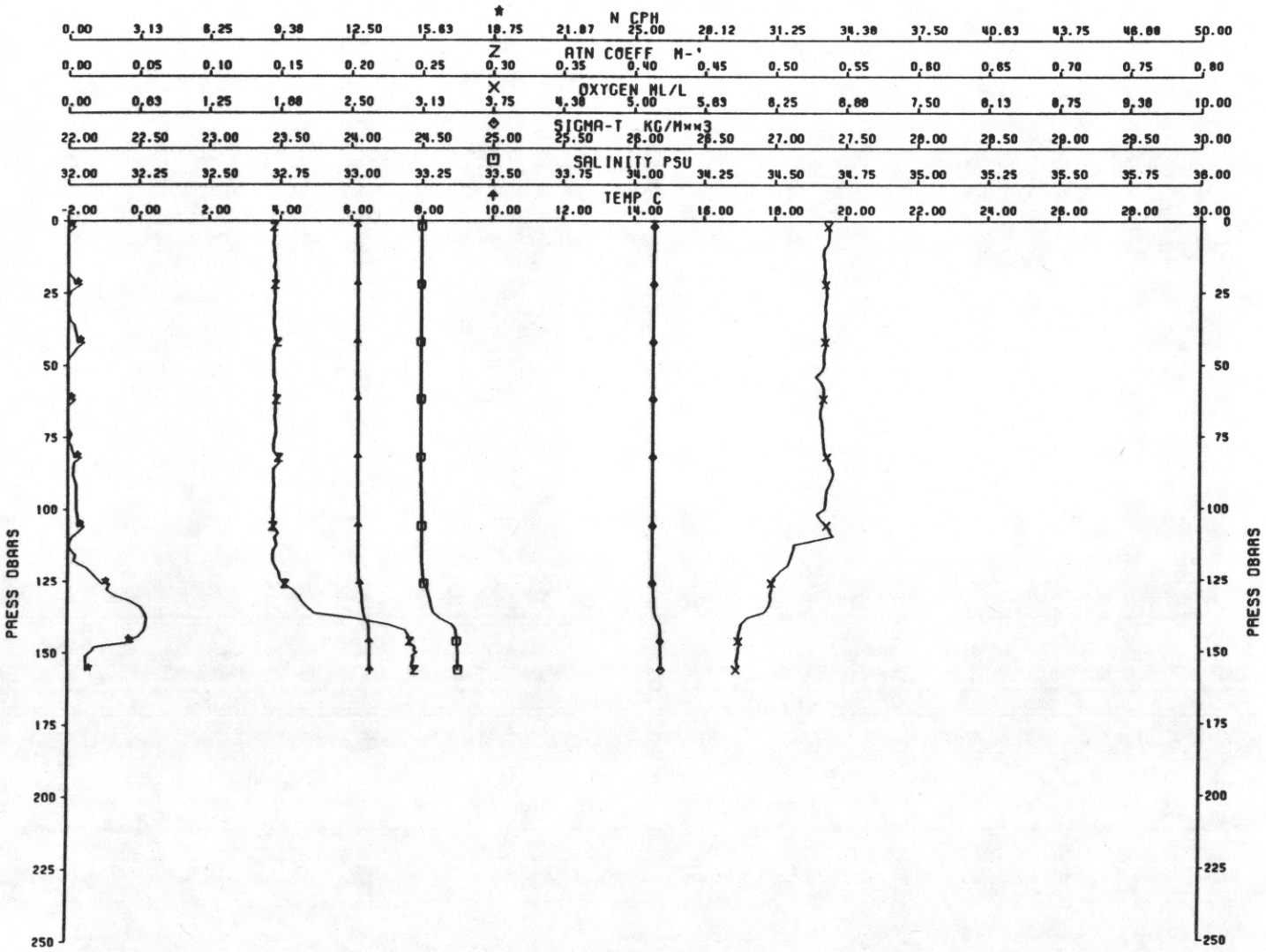
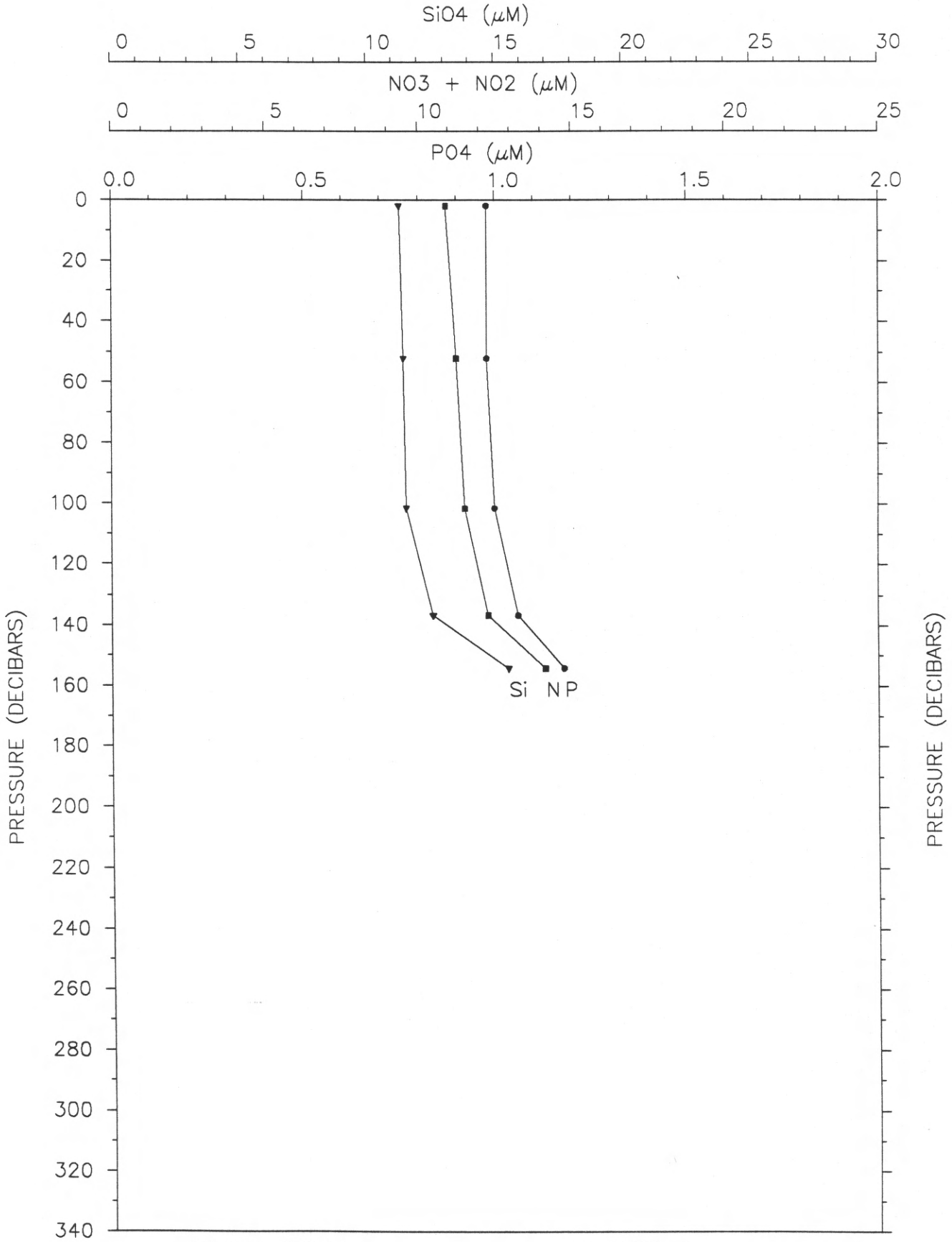
09: 15: 00 GMT

STATION: 12
42 03.00 N
68 23.00 W

OC181B CAST #13

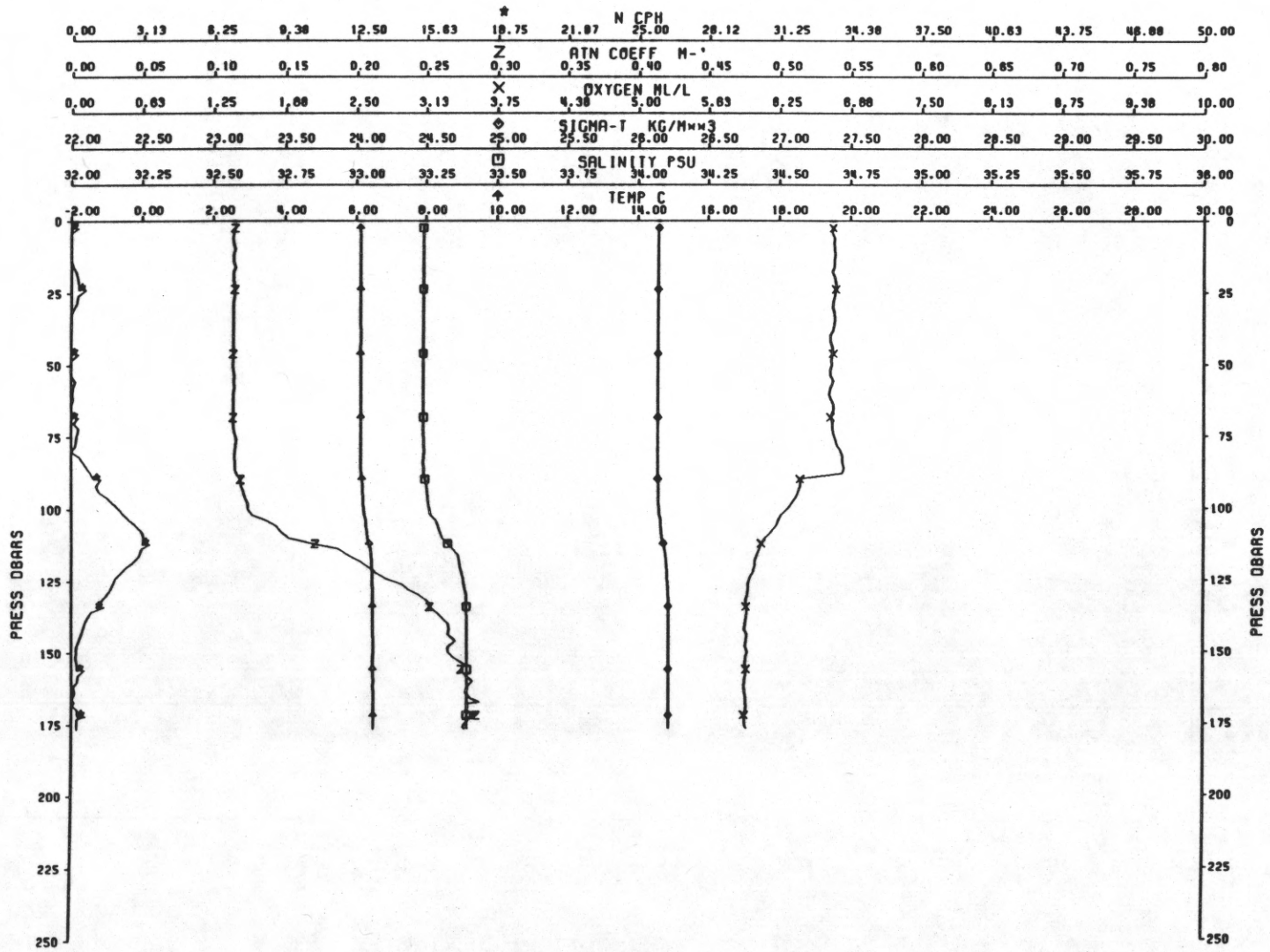


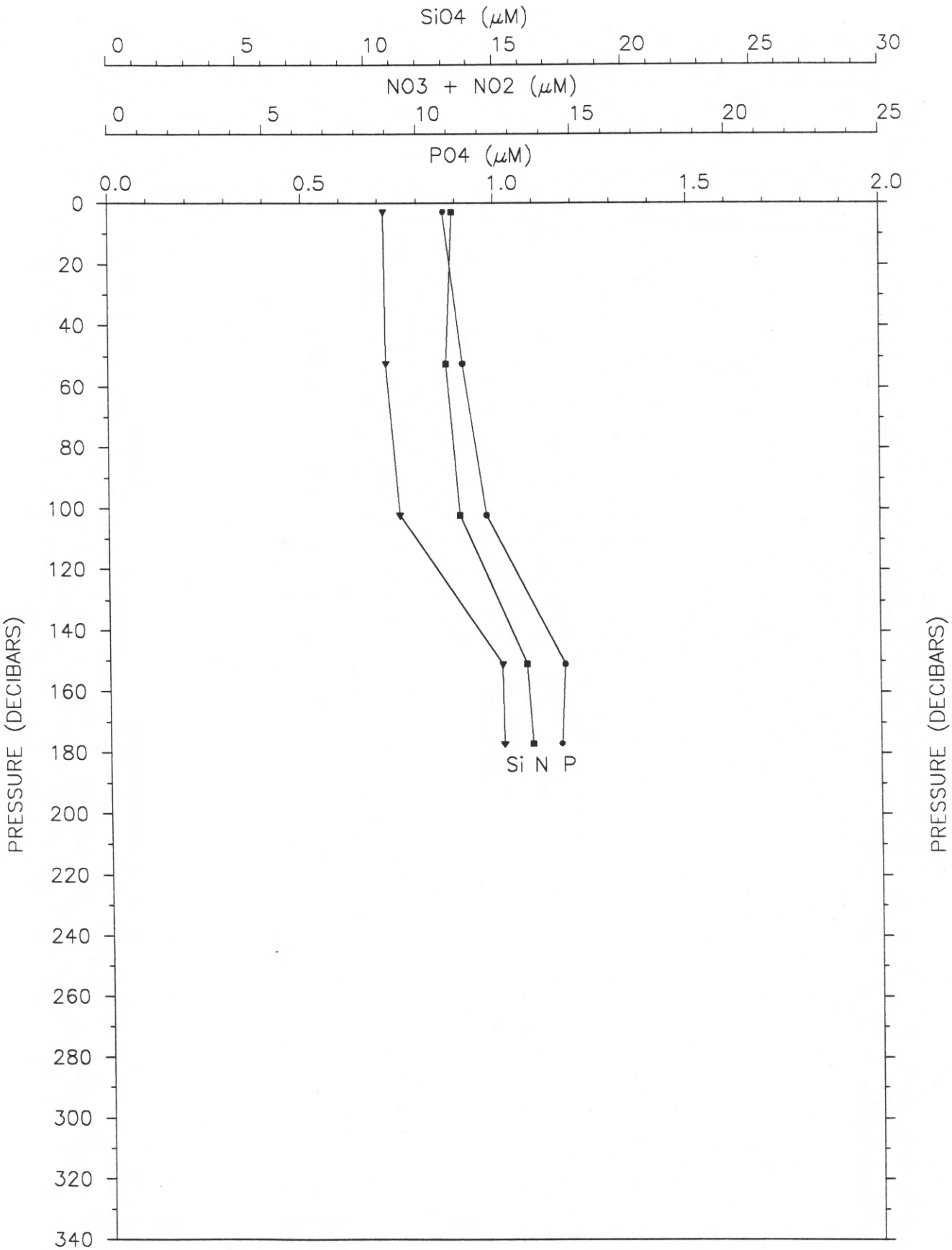


CRUISE: OC181
6 FEB 87
11: 00: 00 GMT

STATION: 13
42 11.51 N
68 29.04 W

0C181B CAST #14





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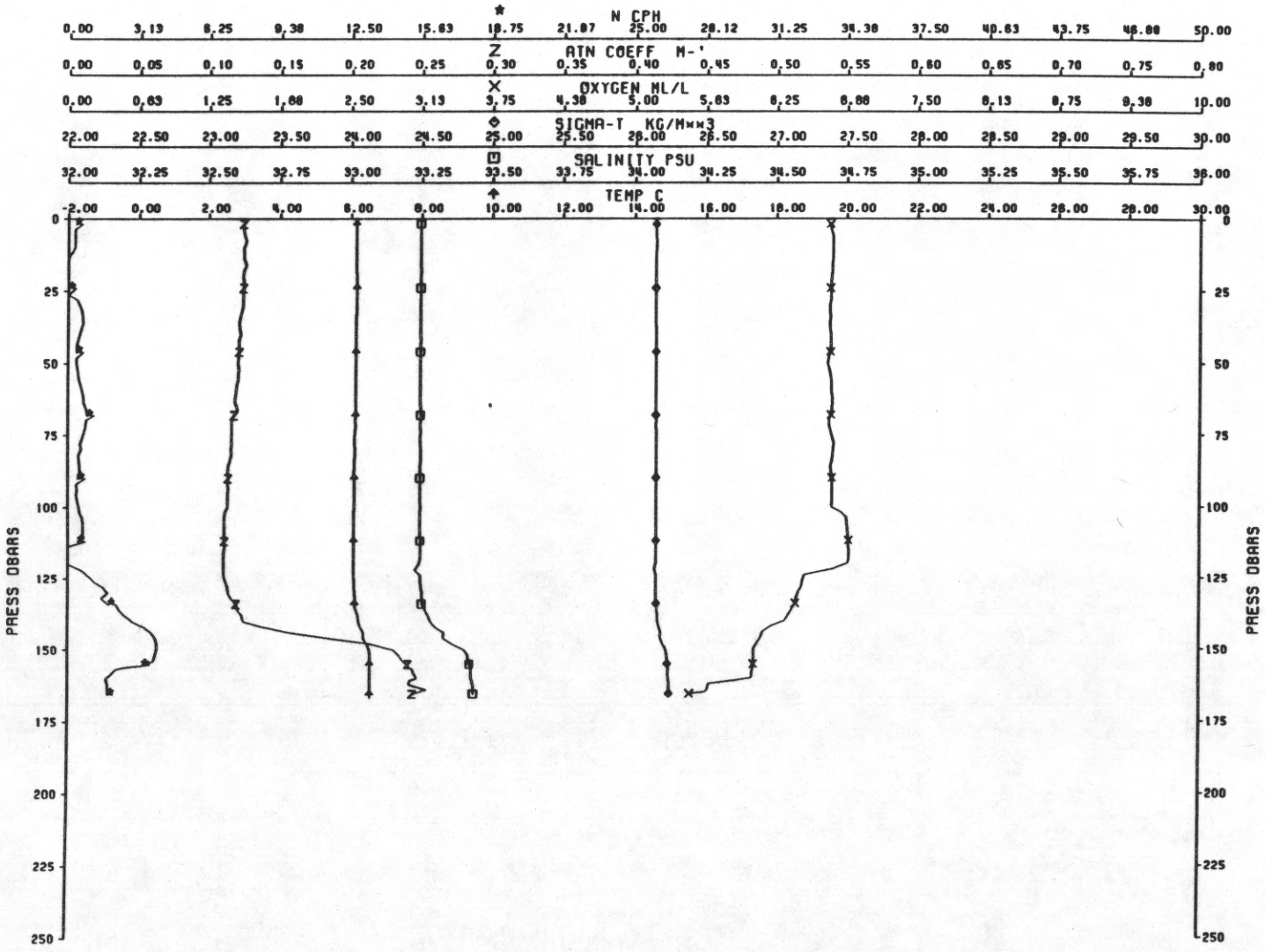
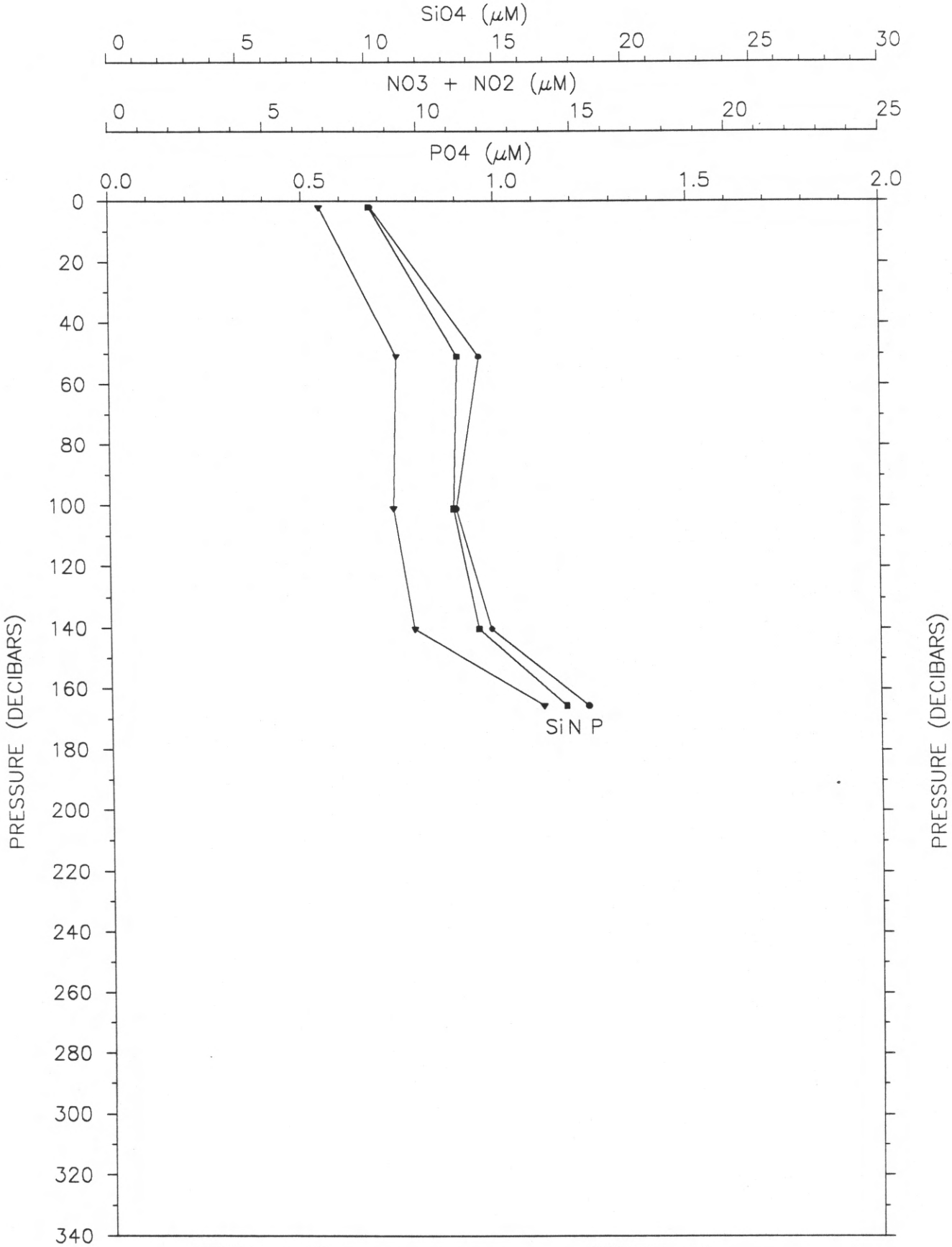
12: 22: 30 GMT

STATION: 14
42 16.98 N
68 32.03 W

OC181B CAST #15

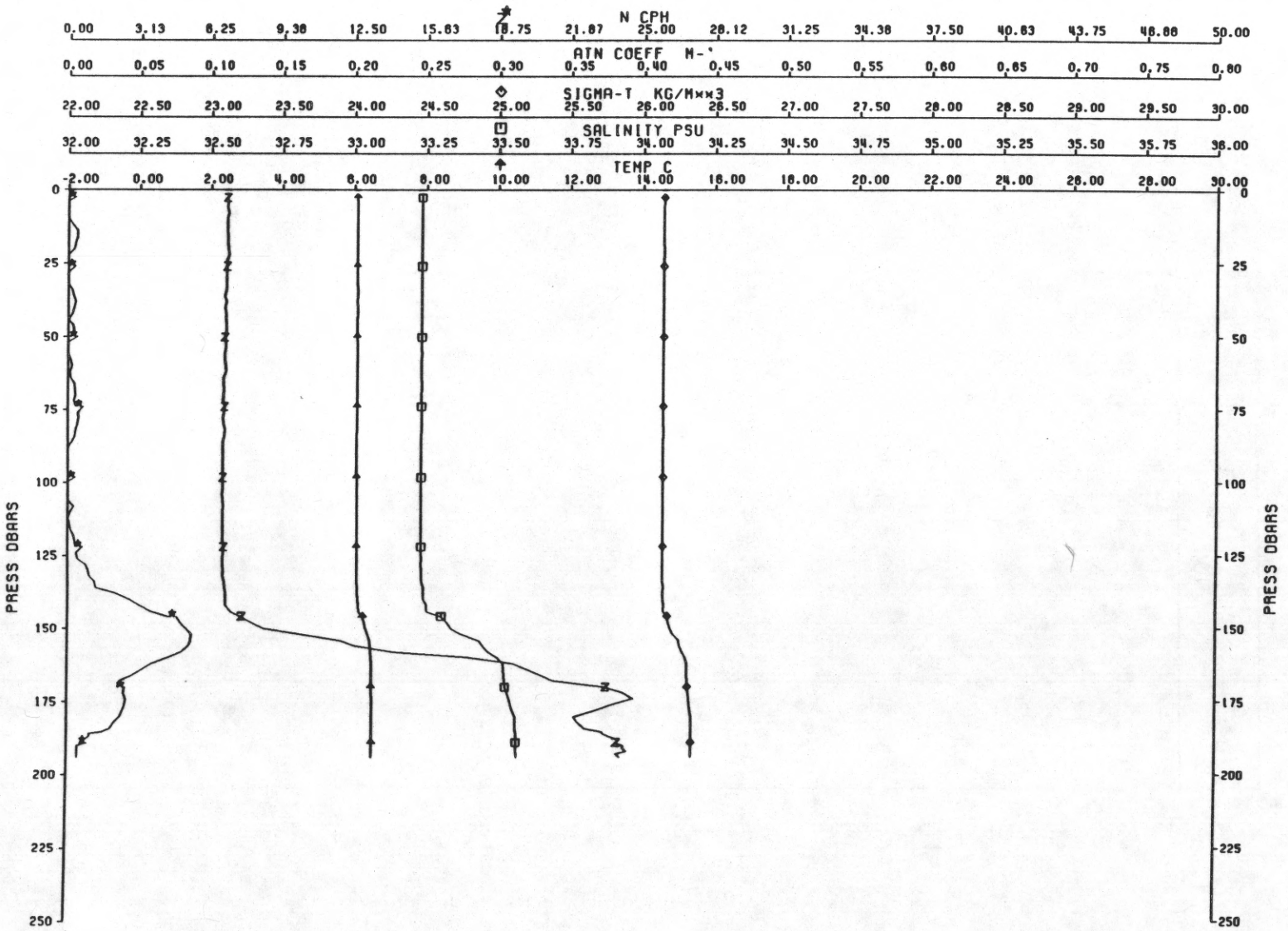


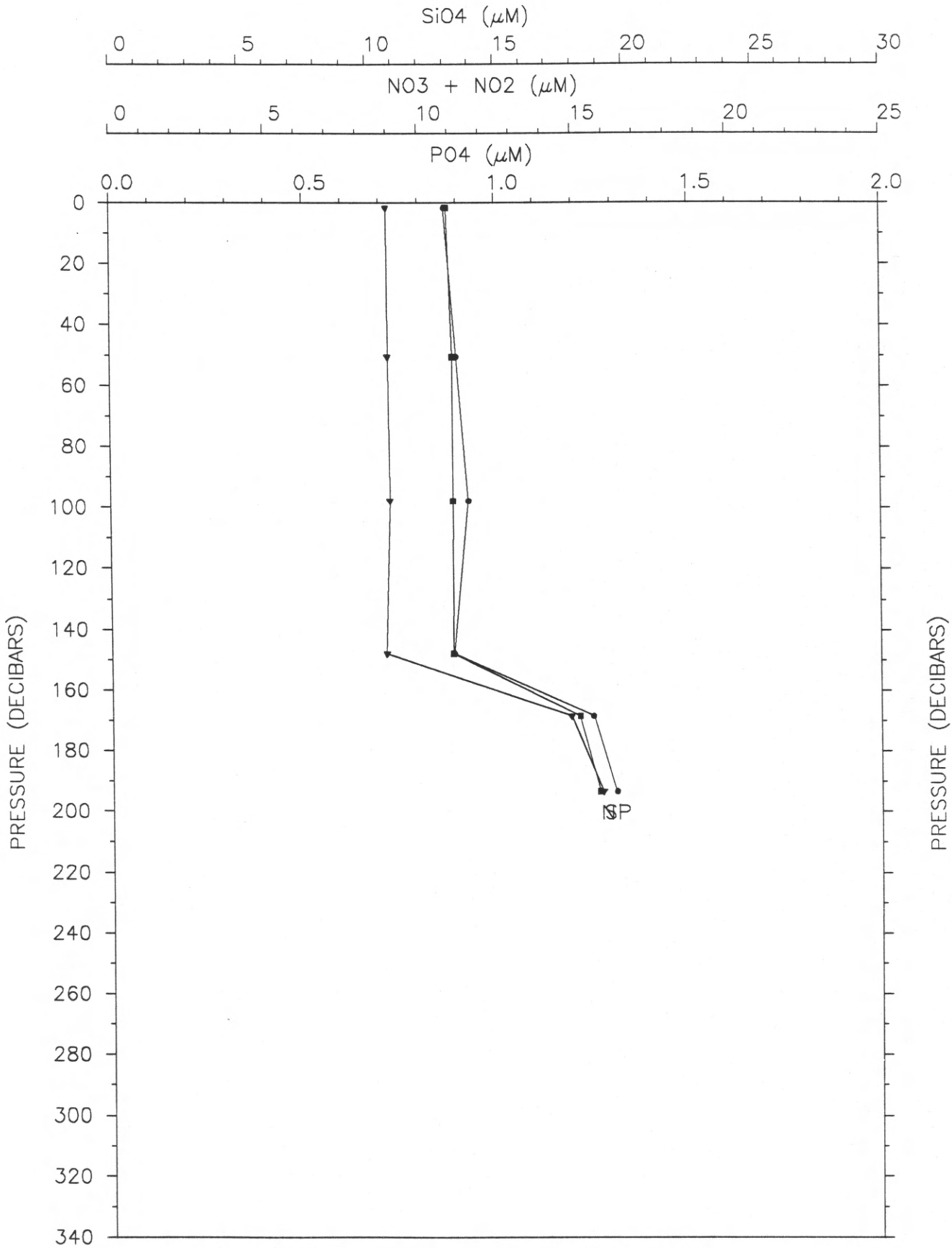


CRUISE: OC181
6 FEB 87
13: 15: 00 GMT

STATION: 15
42 20.49 N
68 34.57 W

OC181A CAST #16

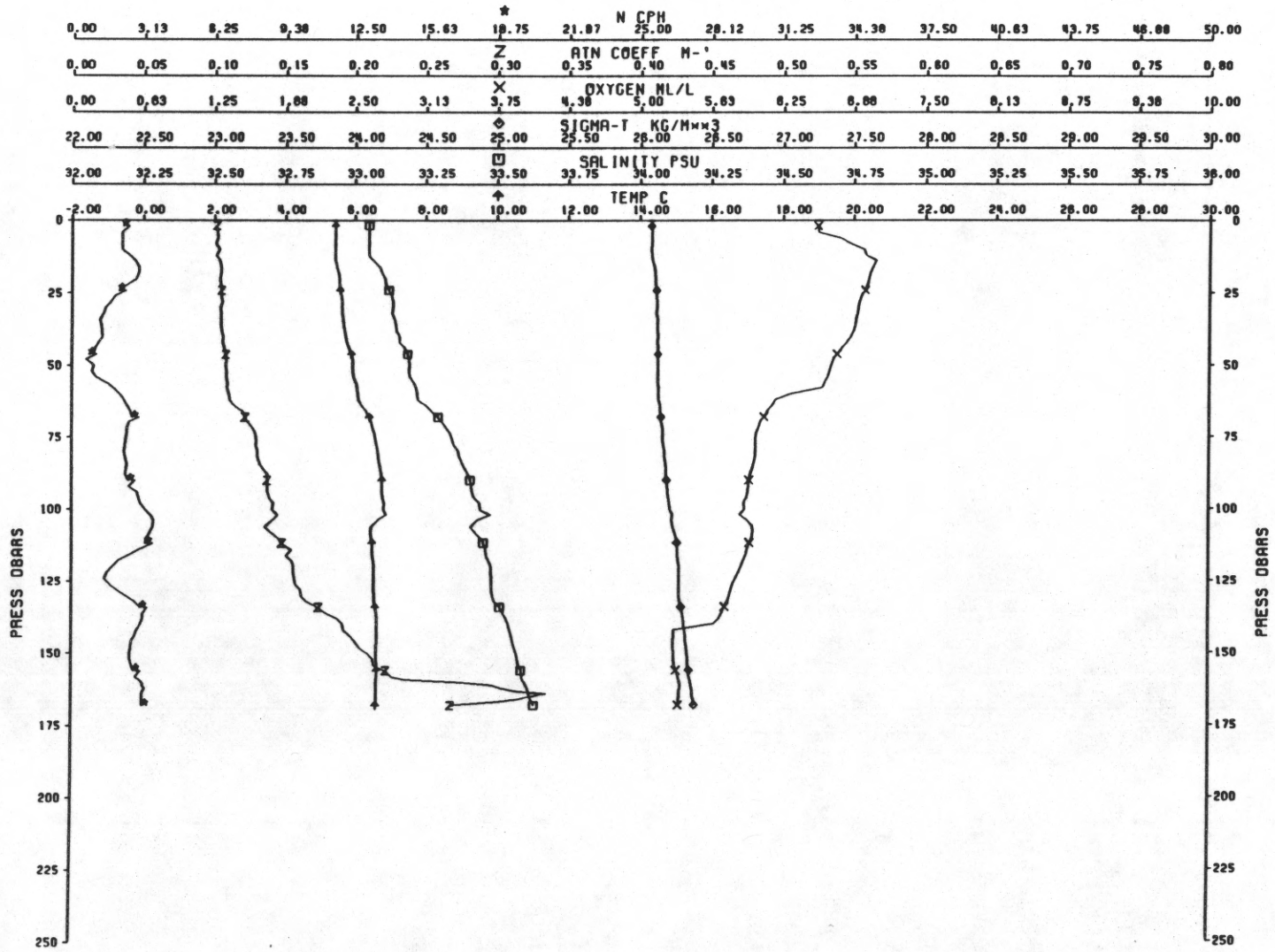


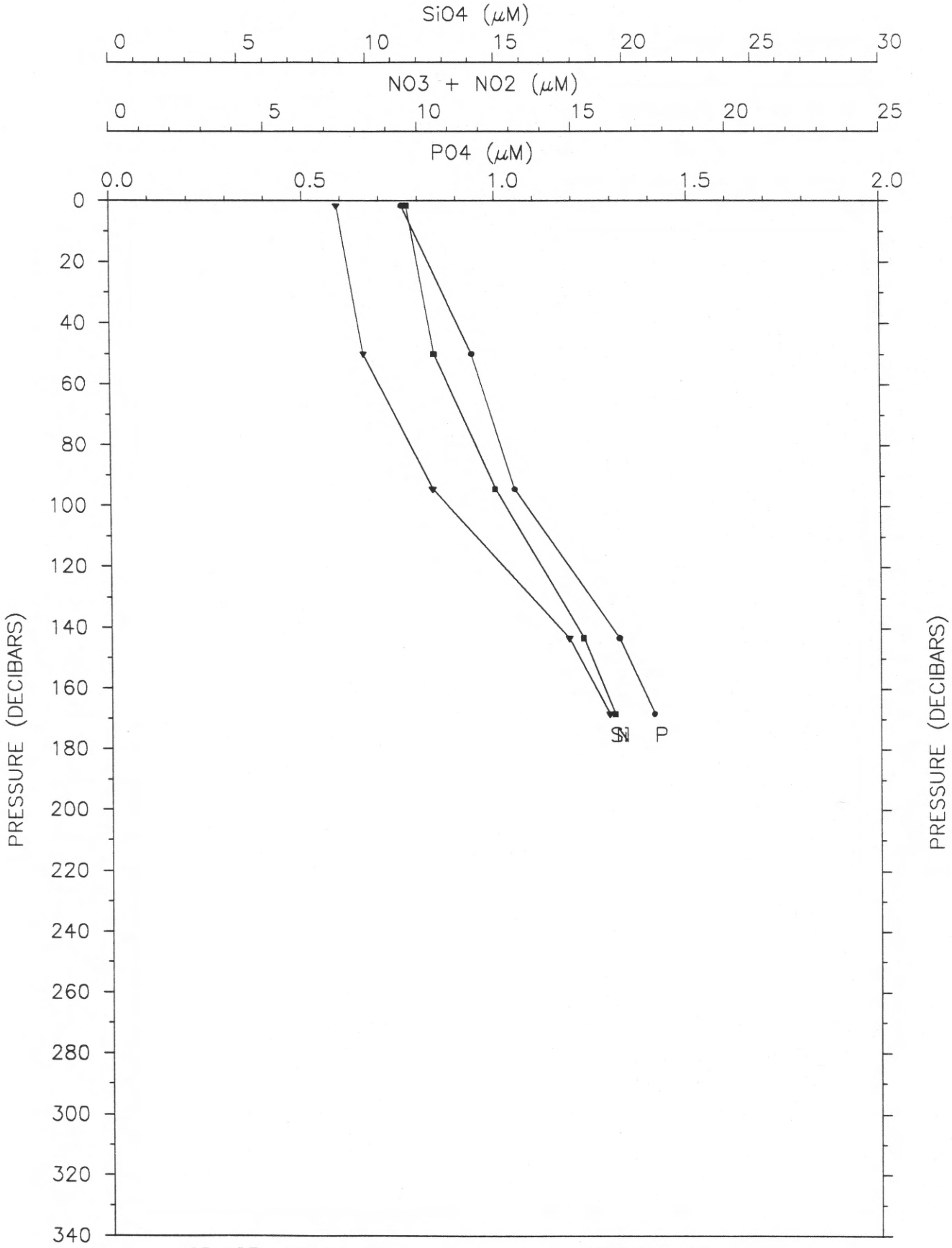


CRUISE: OC181
6 FEB 87
14: 15: 00 GMT

STATION: 16
42 25.02 N
68 37.59 W

OC181A CAST #17

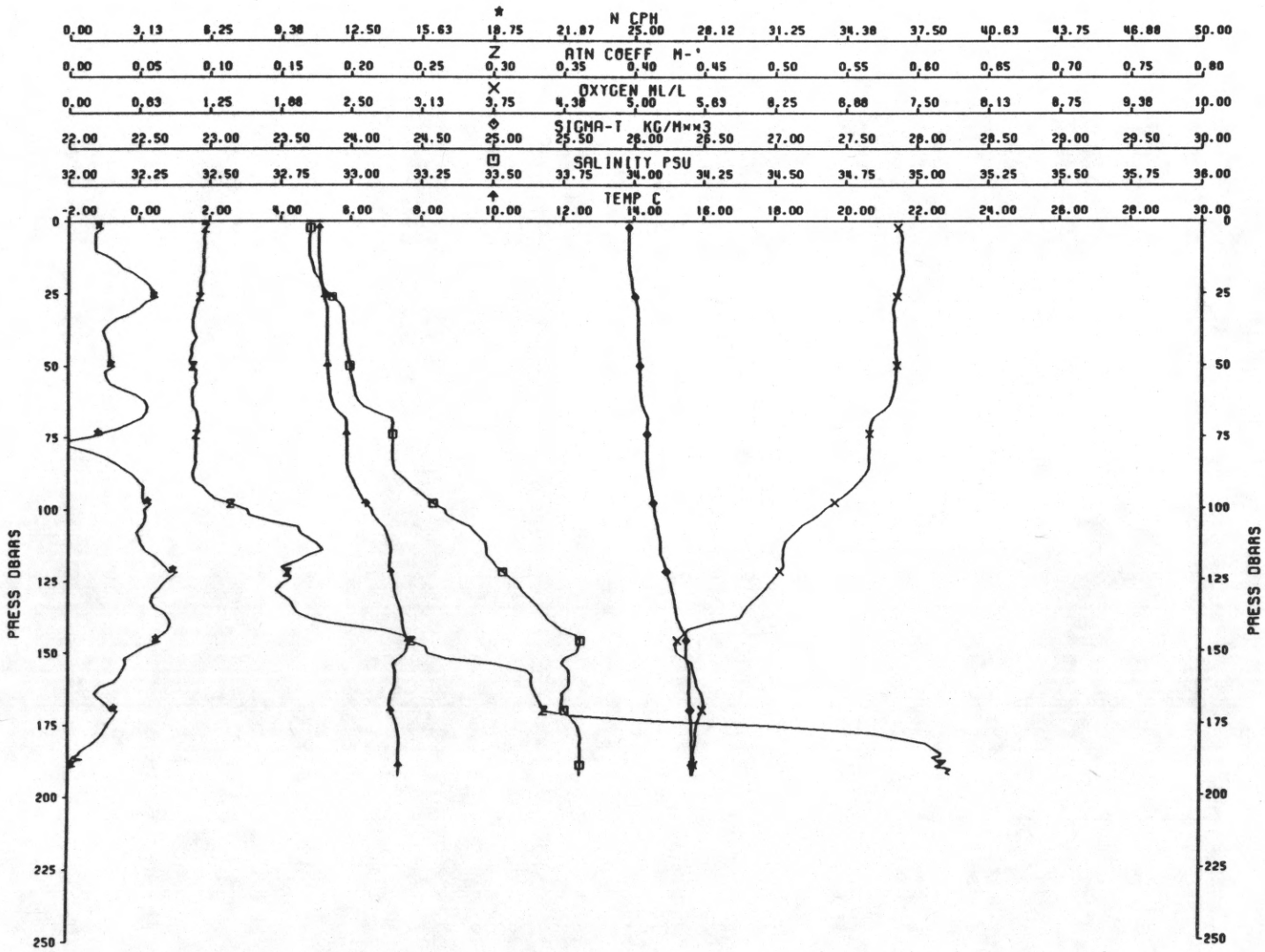


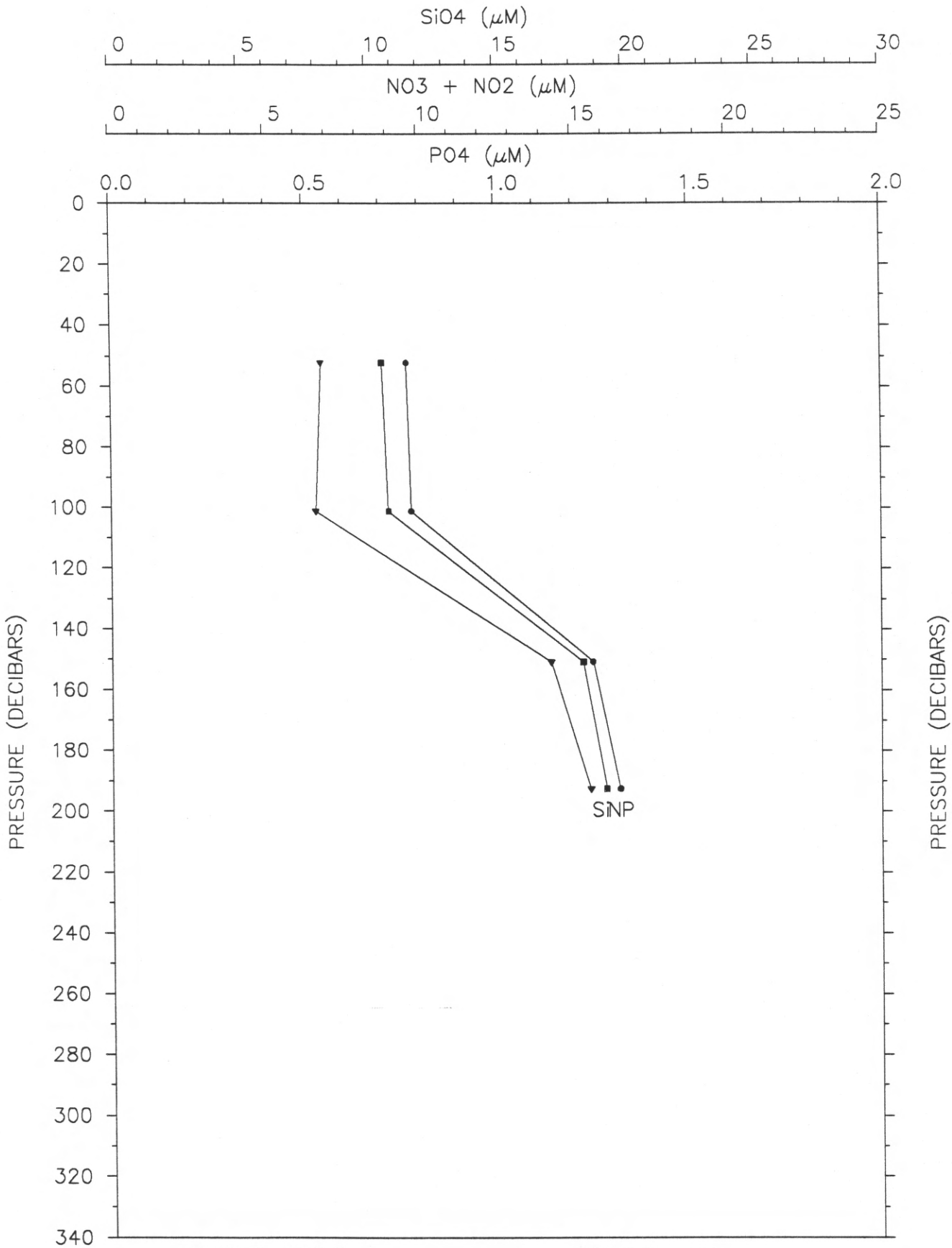


CRUISE: OC181
6 FEB 87
15: 07: 30 GMT

STATION: 17
42 29.57 N
68 41.22 W

0C181A CAST #18

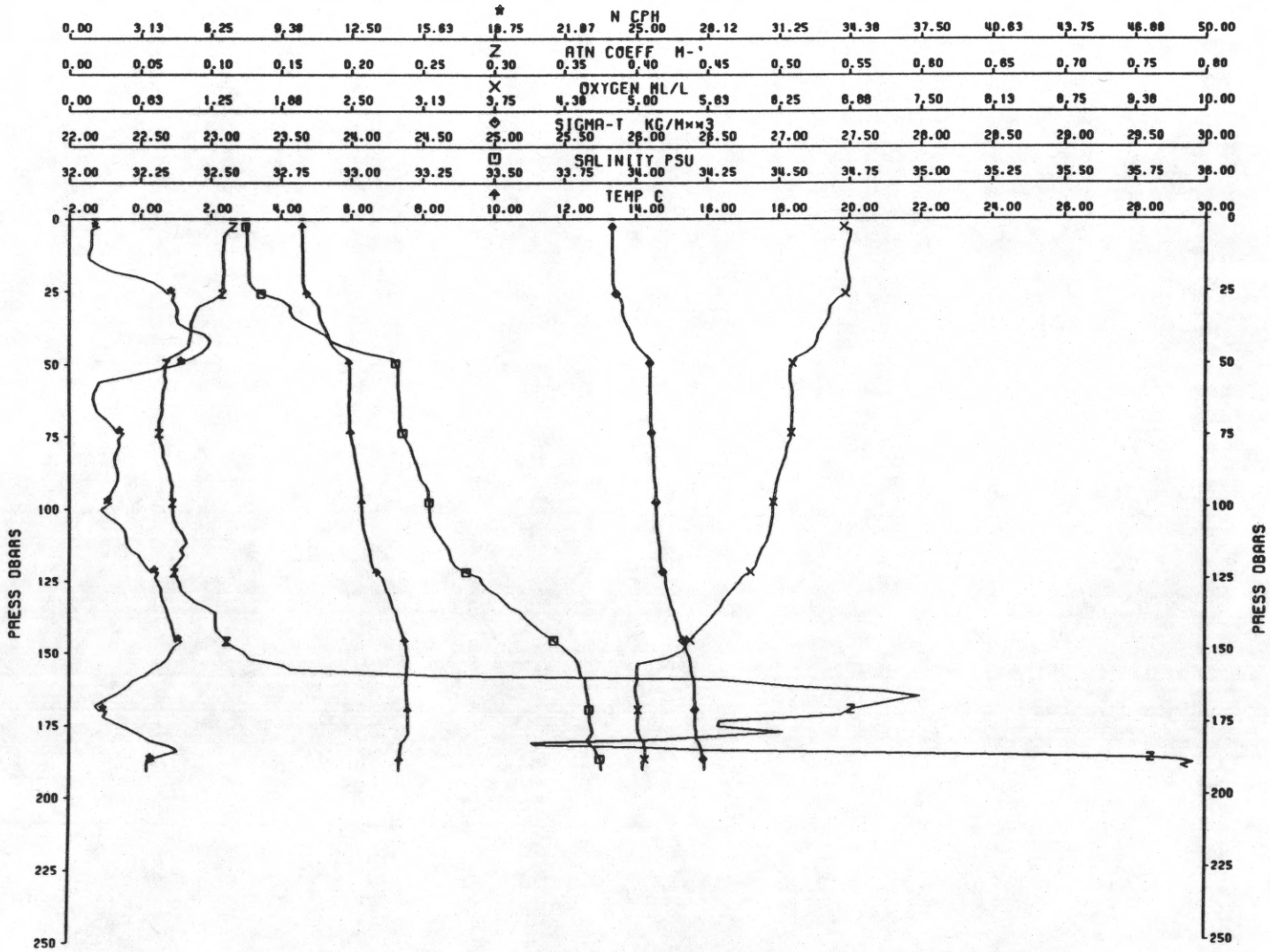


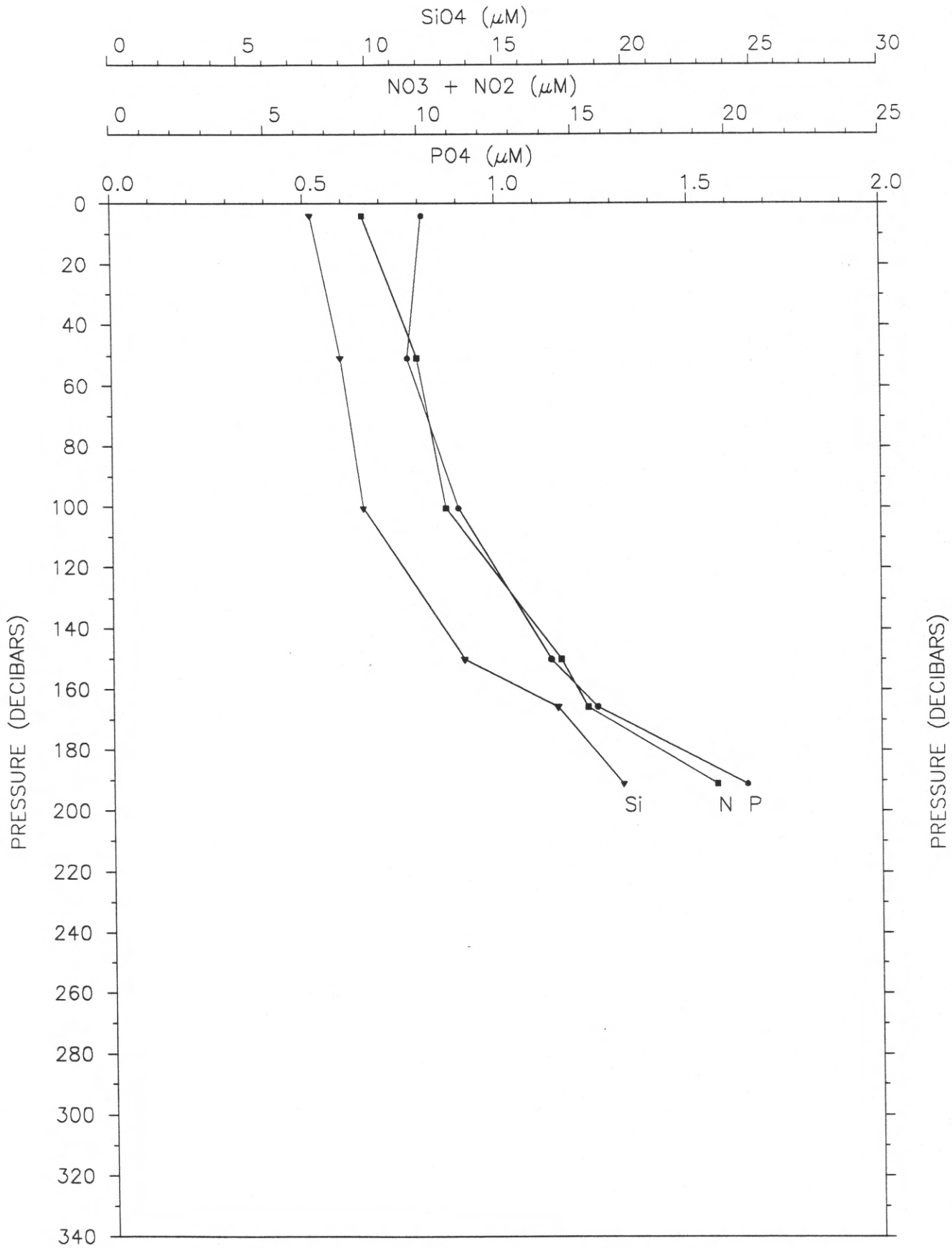


CRUISE: OC181
6 FEB 87
15: 45: 00 GMT

STATION: 18
42 32.51 N
68 49.15 W

0C181B CAST #19

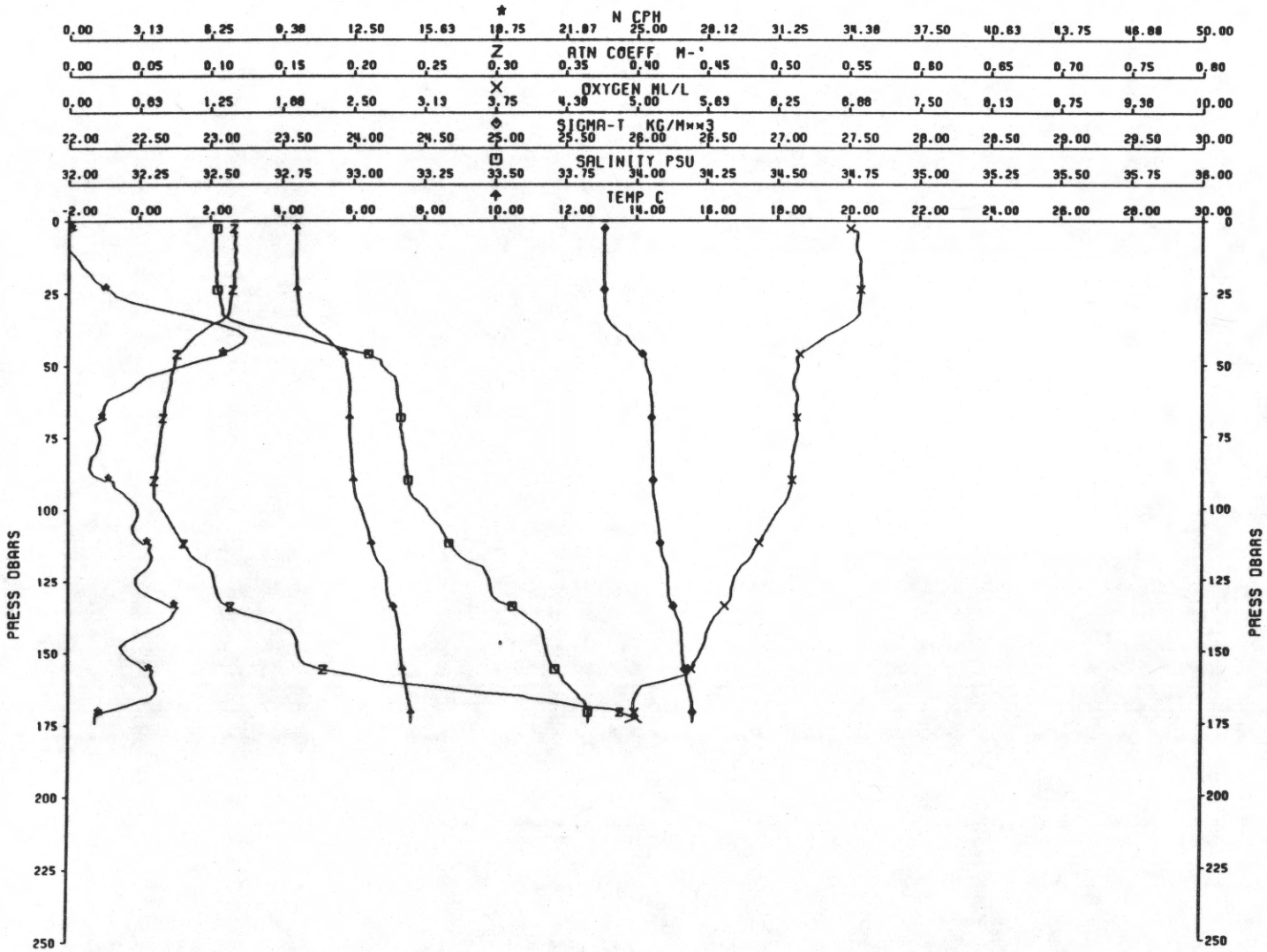


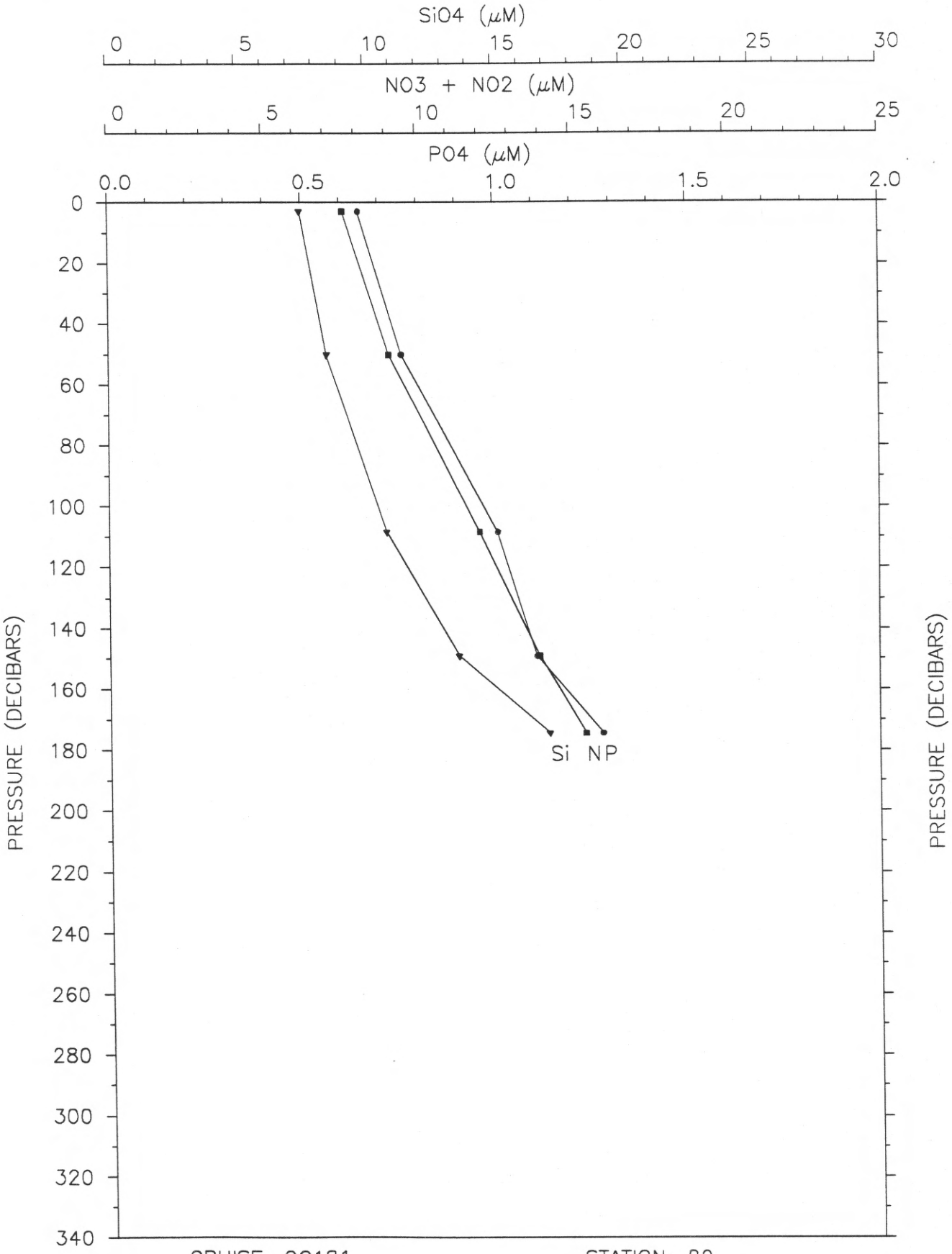


CRUISE: OC181
6 FEB 87
17: 52: 30 GMT

STATION: 19
42 34.98 N
68 44.54 W

ØC181A CAST #20

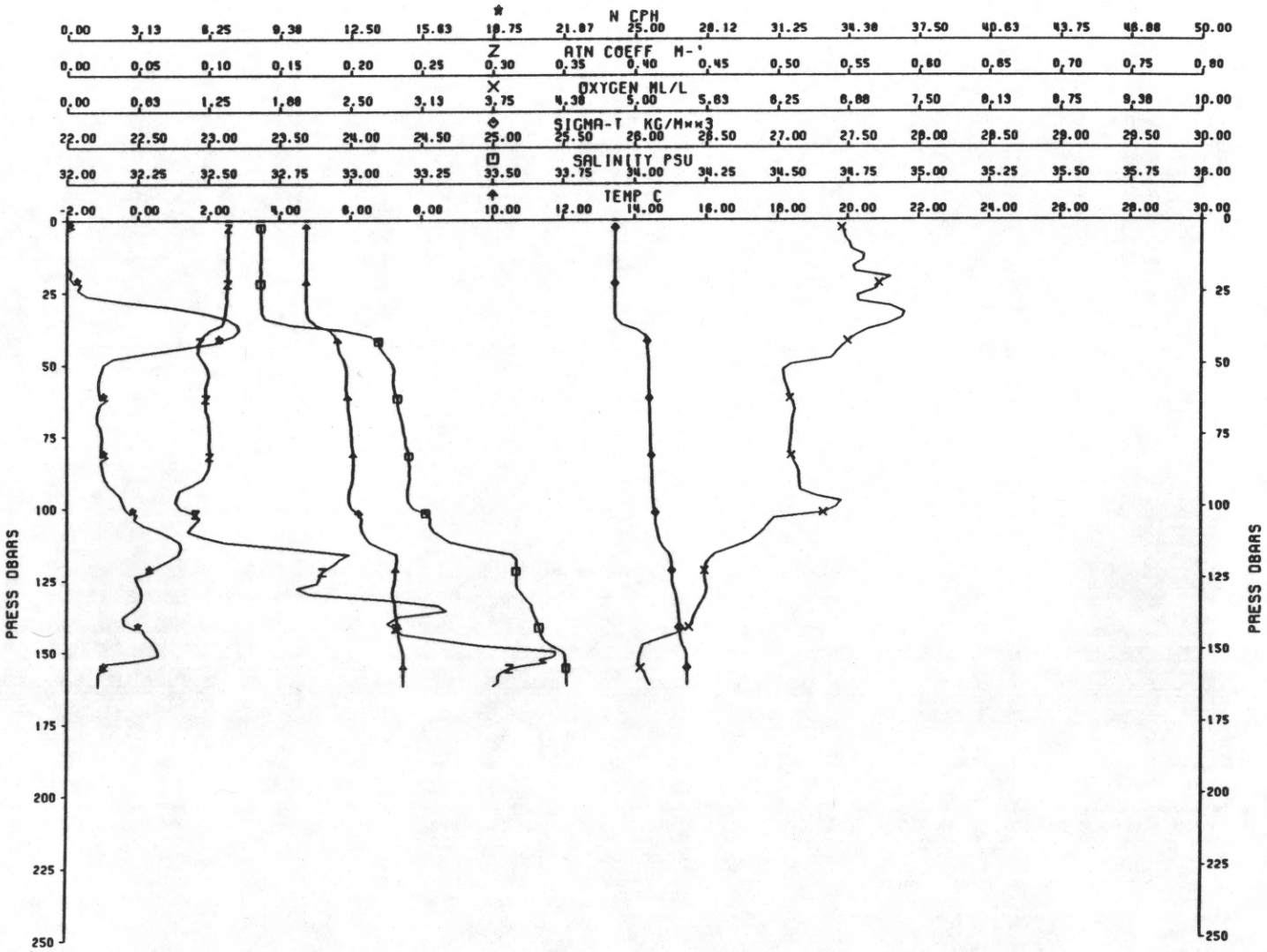


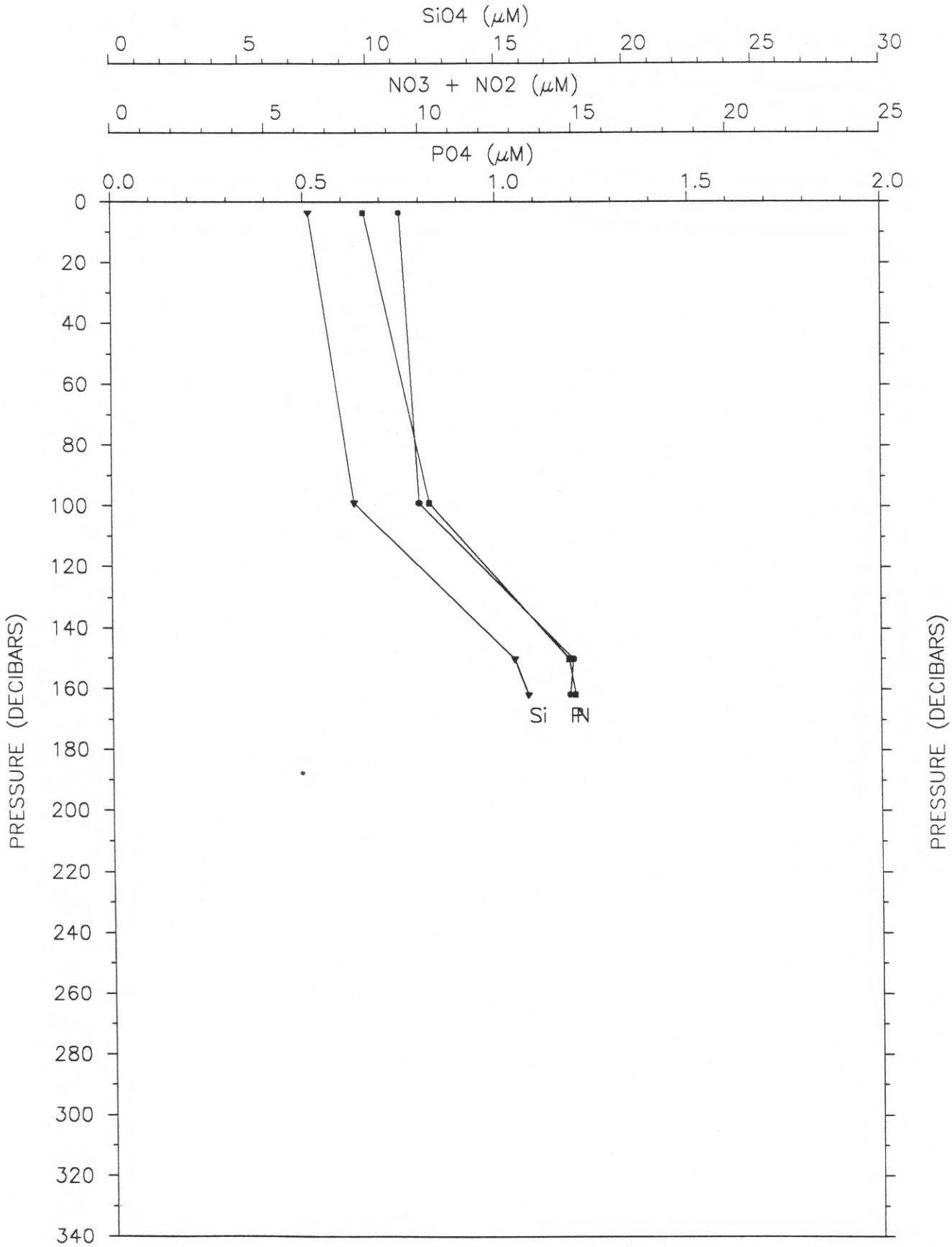


CRUISE: OC181
6 FEB 87
18: 45: 00 GMT

STATION: 20
42 37.98 N
68 45.54 W

OC181A CAST #21

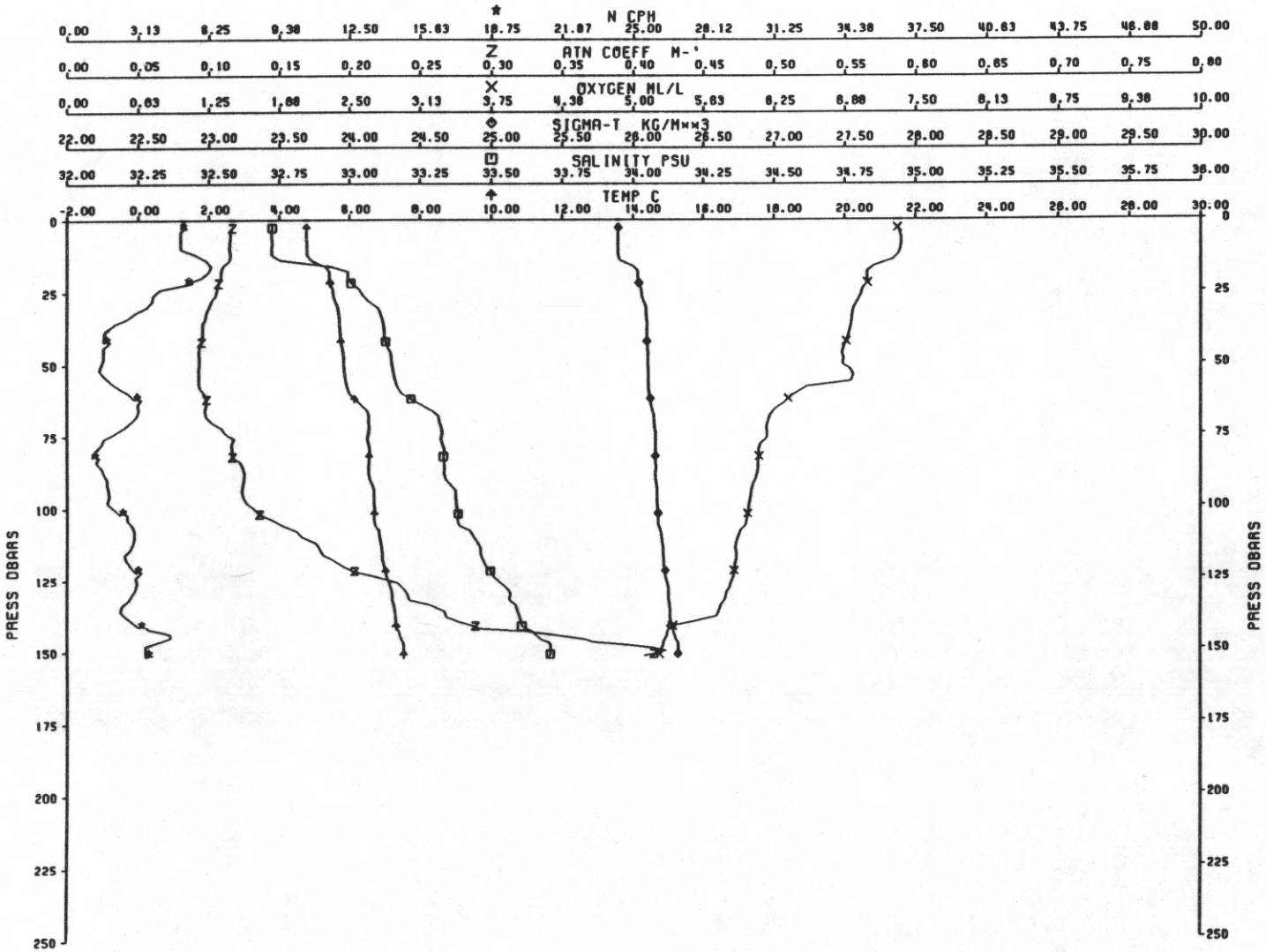


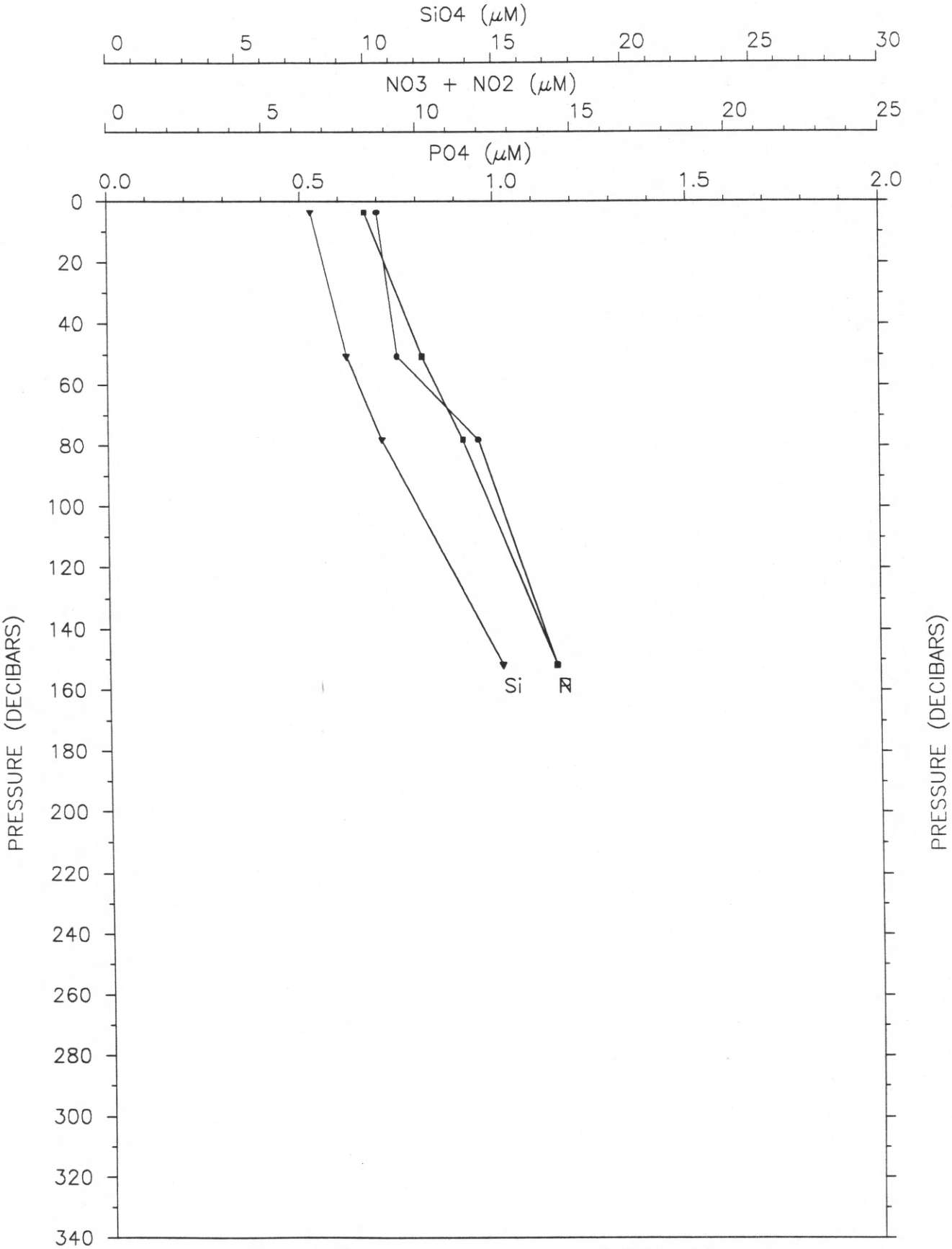


CRUISE: OC181
6 FEB 87
19: 30: 00 GMT

STATION: 21
42 40.03 N
68 47.94 W

OC181U CAST #22

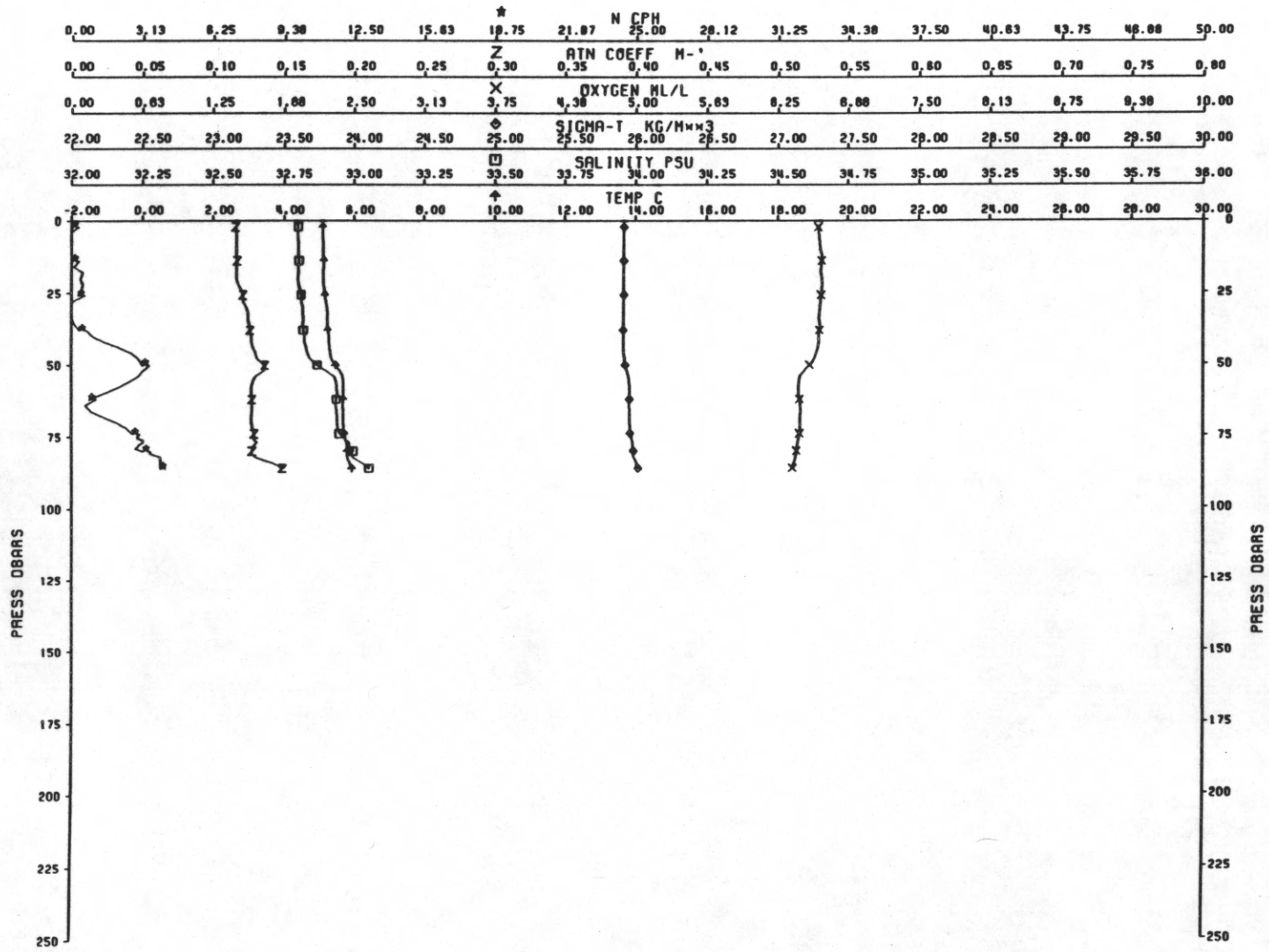


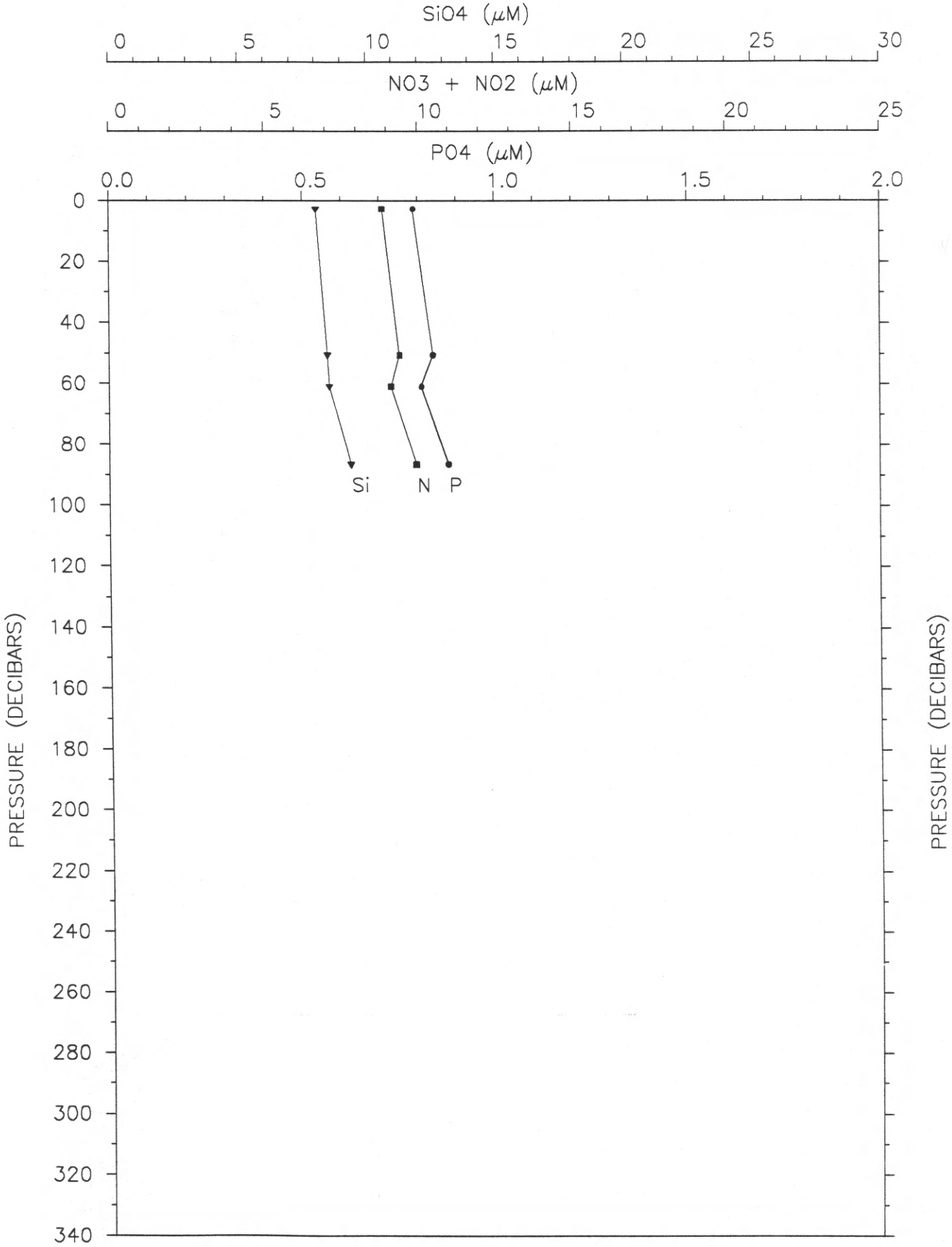


CRUISE: OC181
6 FEB 87
20: 30: 00 GMT

STATION: 22
42 45.59 N
68 51.54 W

OC181A CAST #23





CRUISE: OC181
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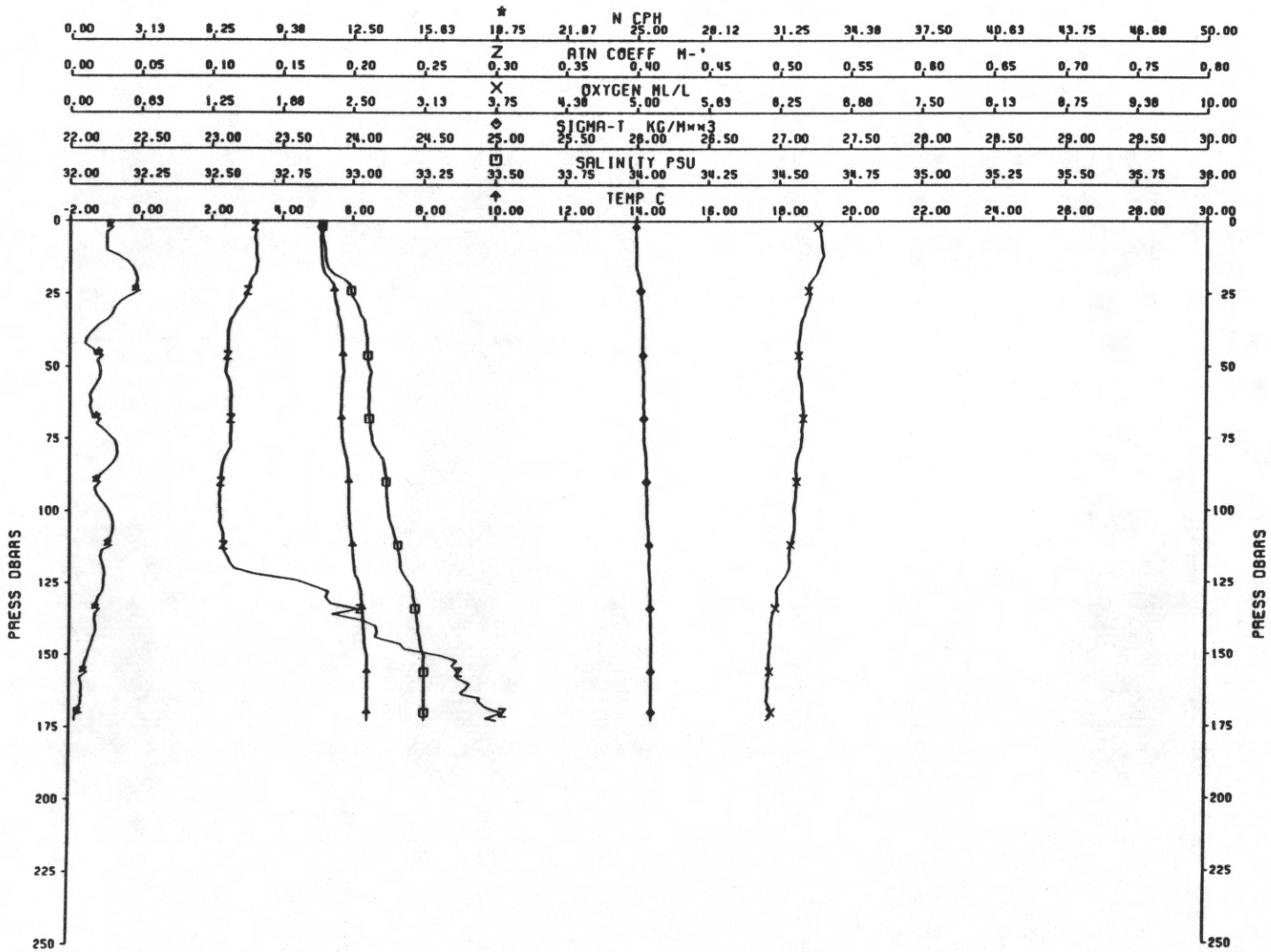
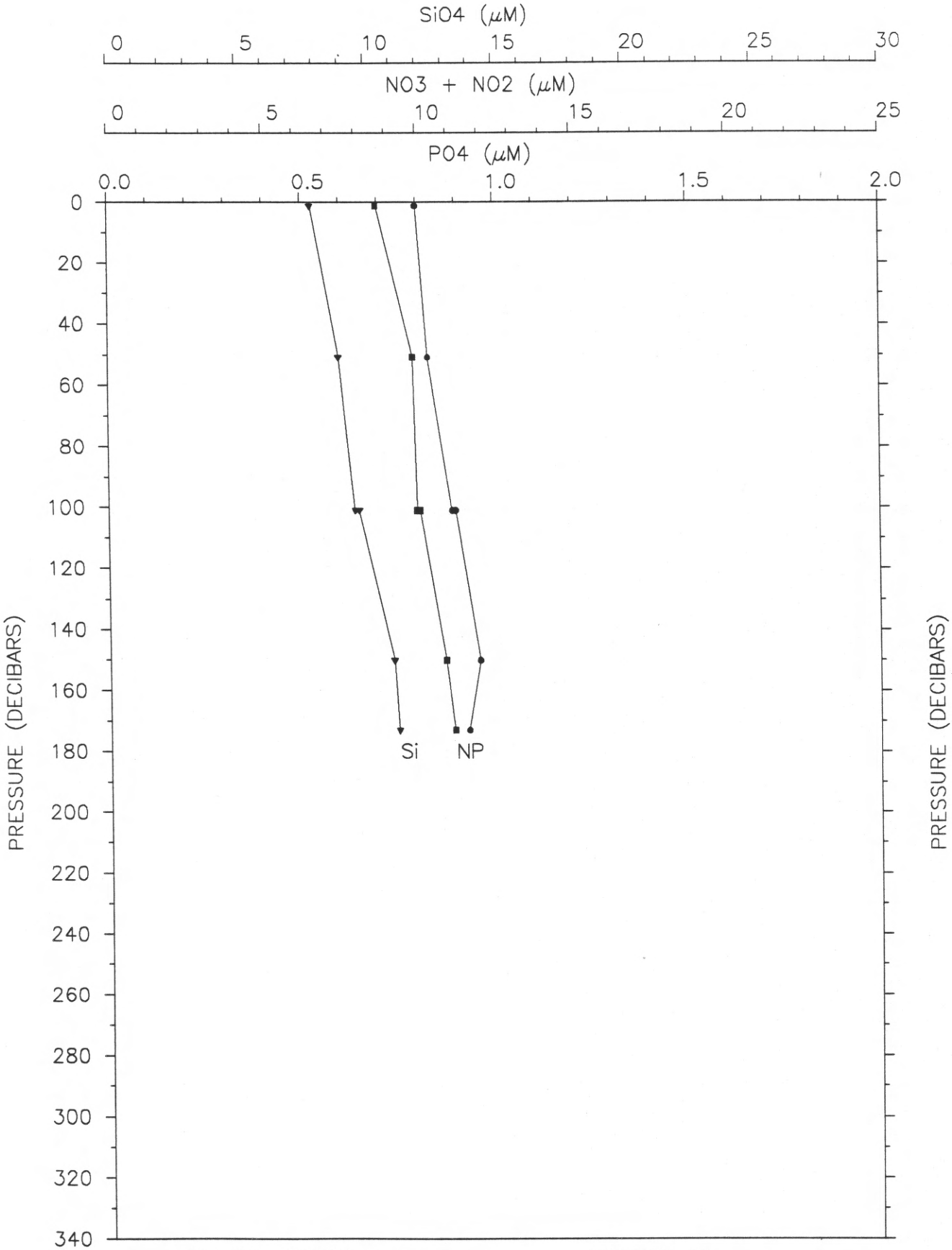
21: 52: 30 GMT

STATION: 23
42 50.51 N
68 56.00 W

OC181A CAST #24

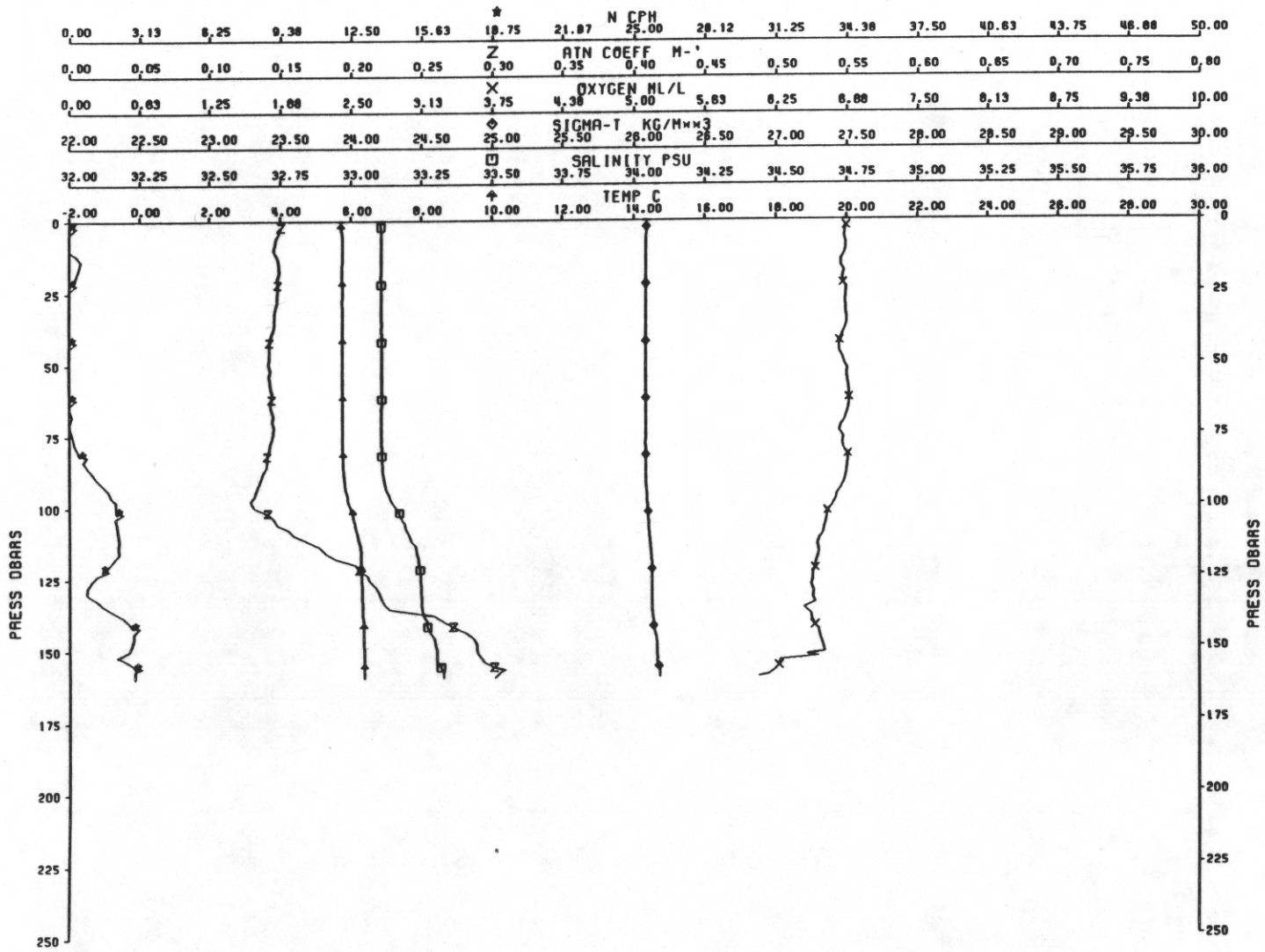


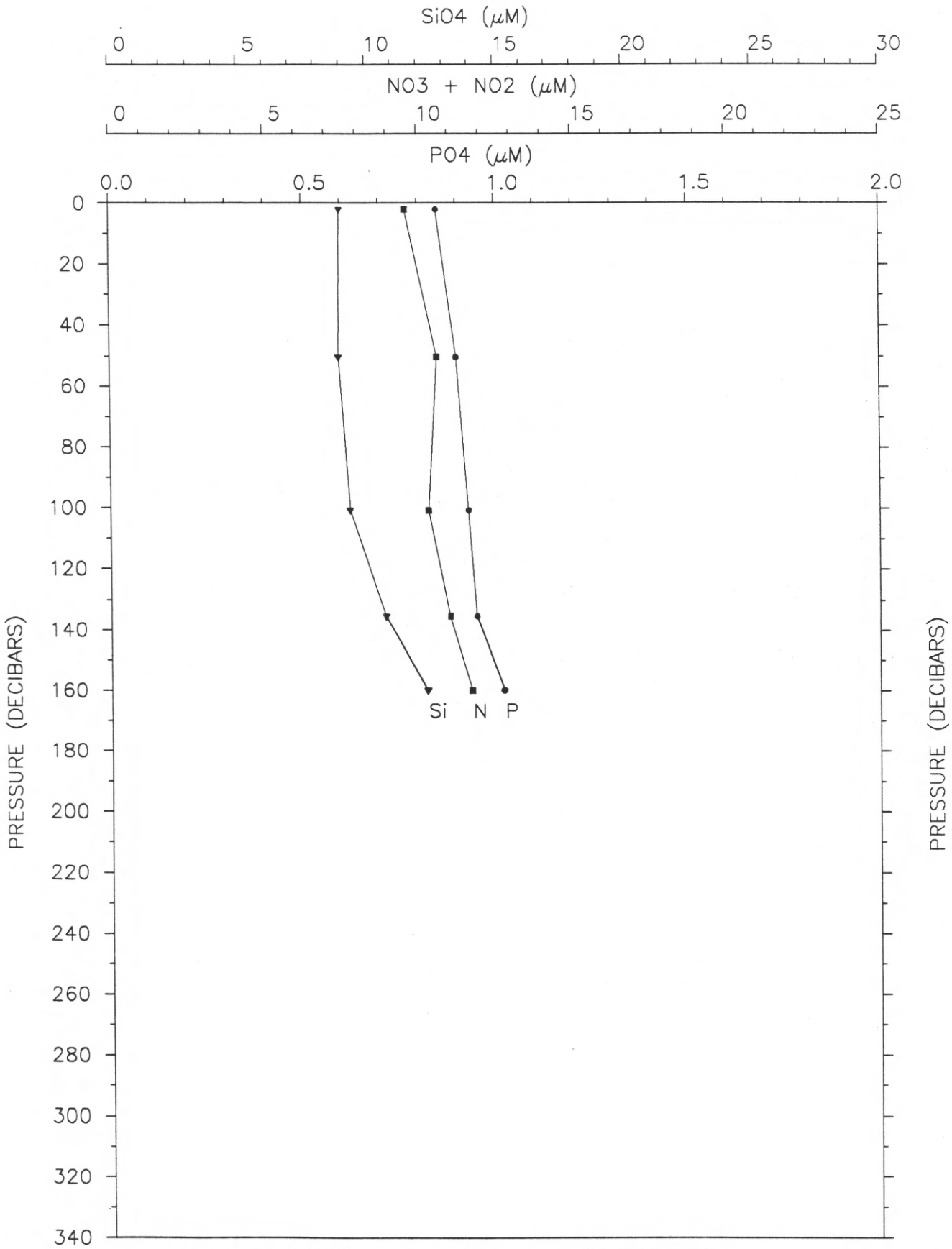


CRUISE: OC181
6 FEB 87
23: 15: 00 GMT

STATION: 24
42 46.98 N
69 05.15 W

0C181U CAST #25

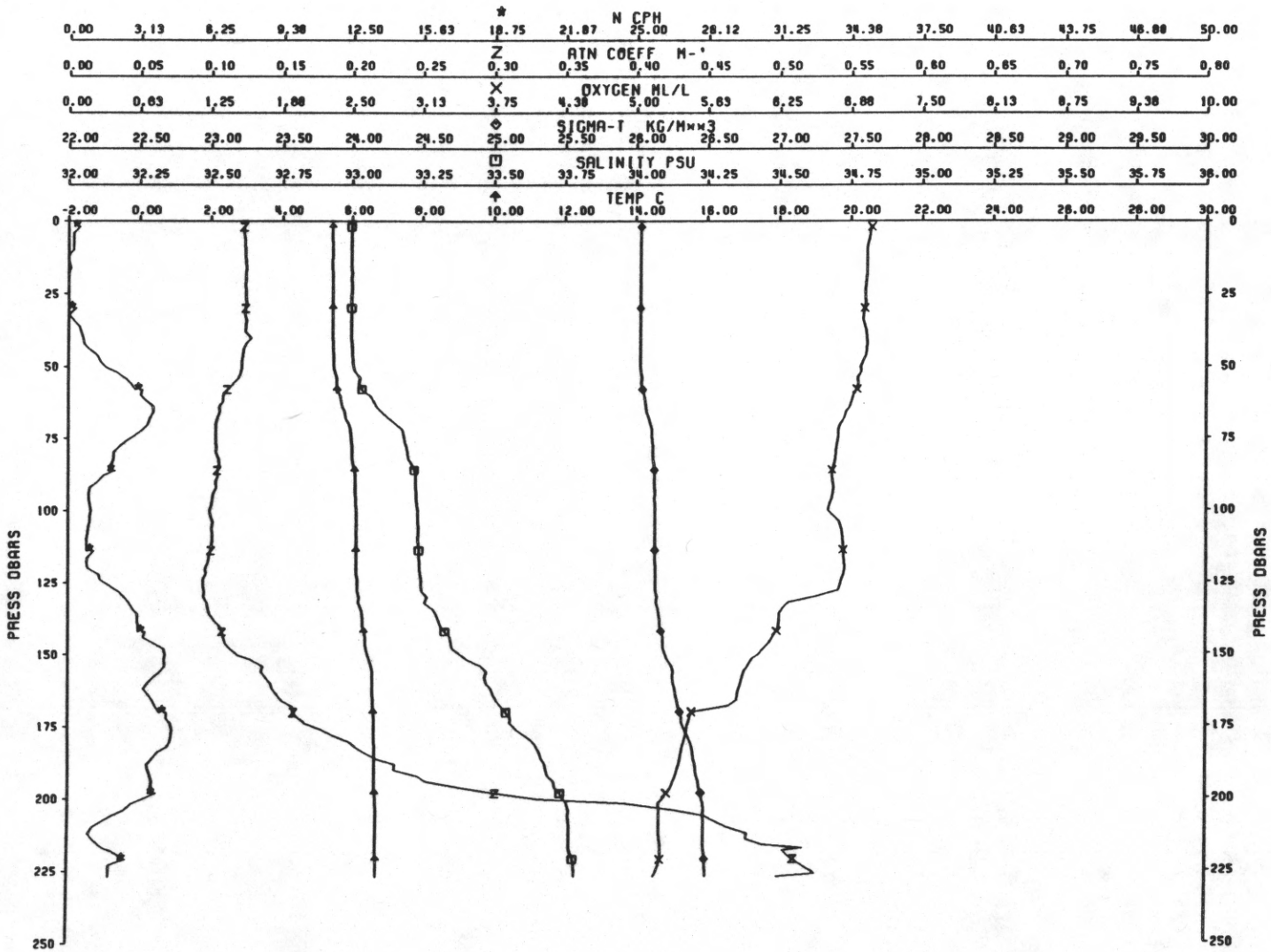


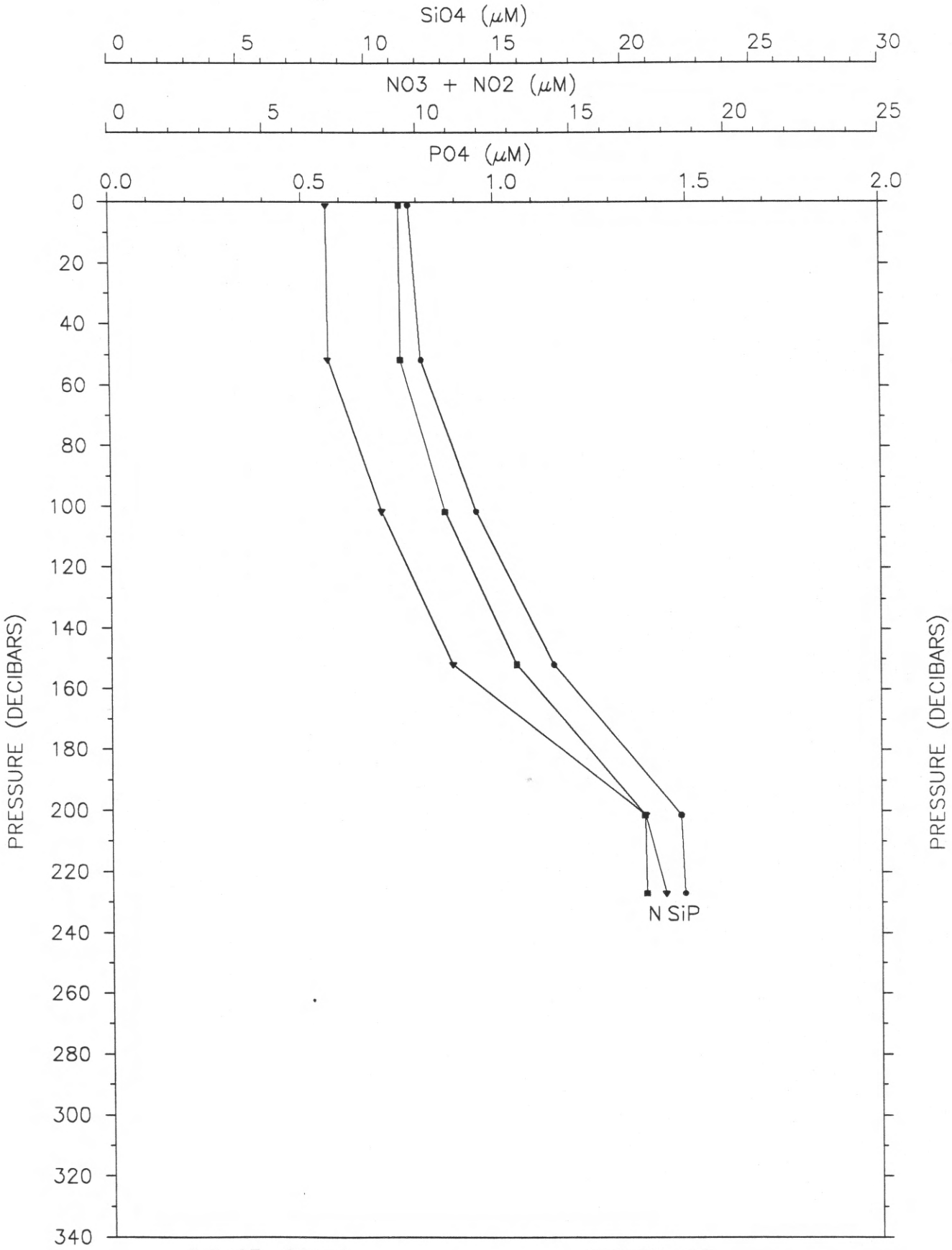


CRUISE: OC181
7 FEB 87
00: 37: 30 GMT

STATION: 25
42 41.97 N
69 13.58 W

0C181U CAST #26





CRUISE: OC181
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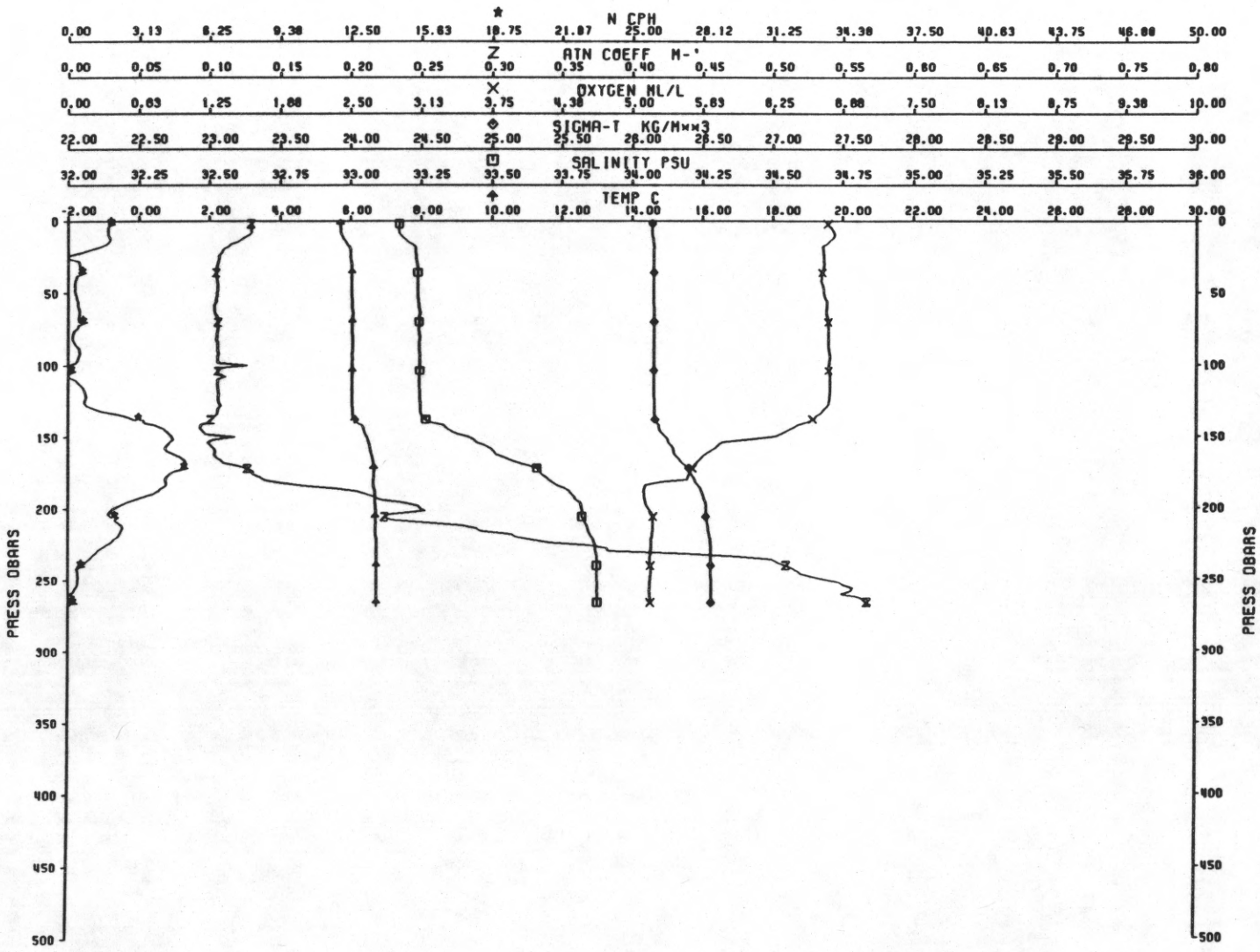
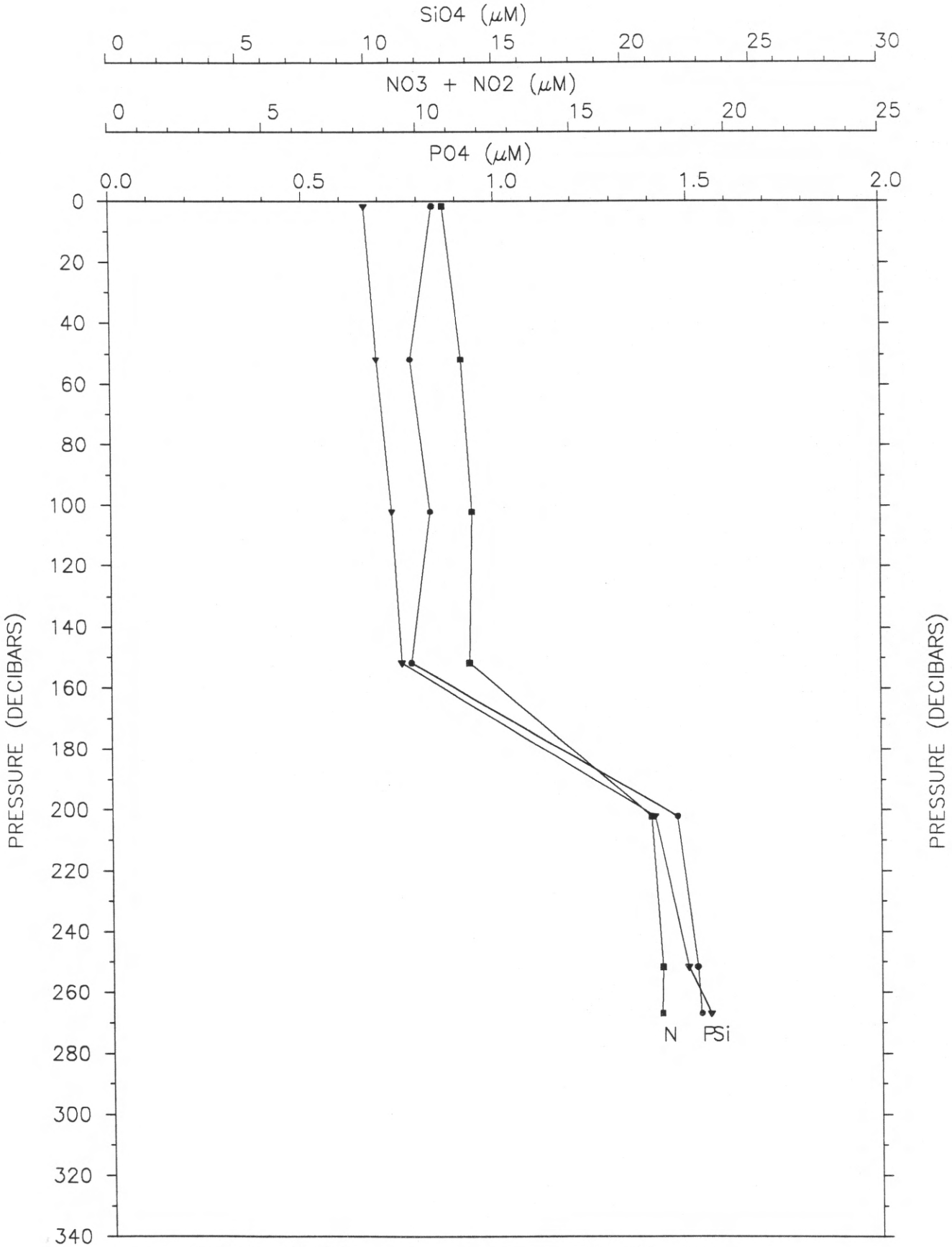
01: 52: 30 GMT

STATION: 26
42 36.48 N
69 22.02 W

OC181B CAST #27

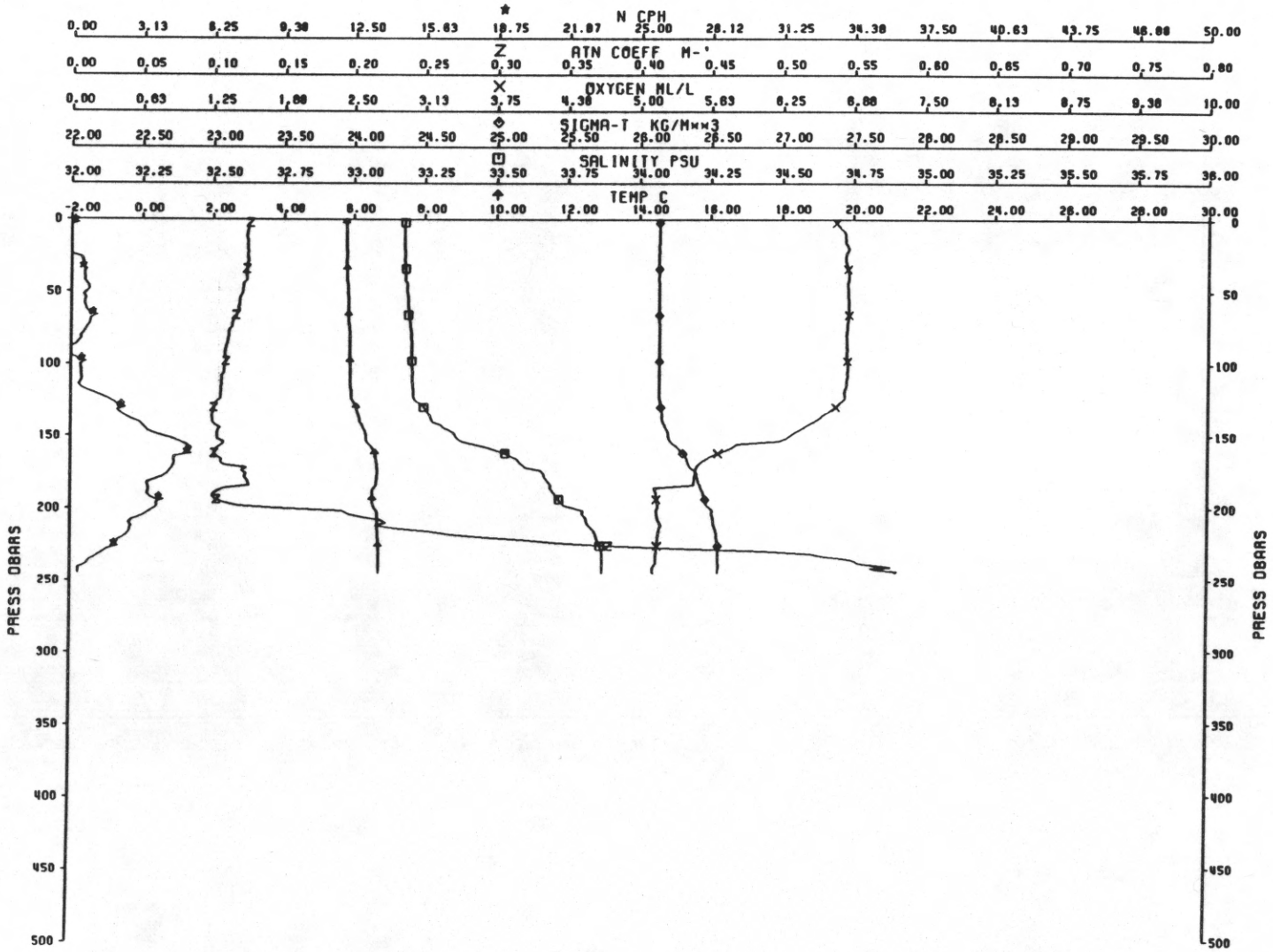


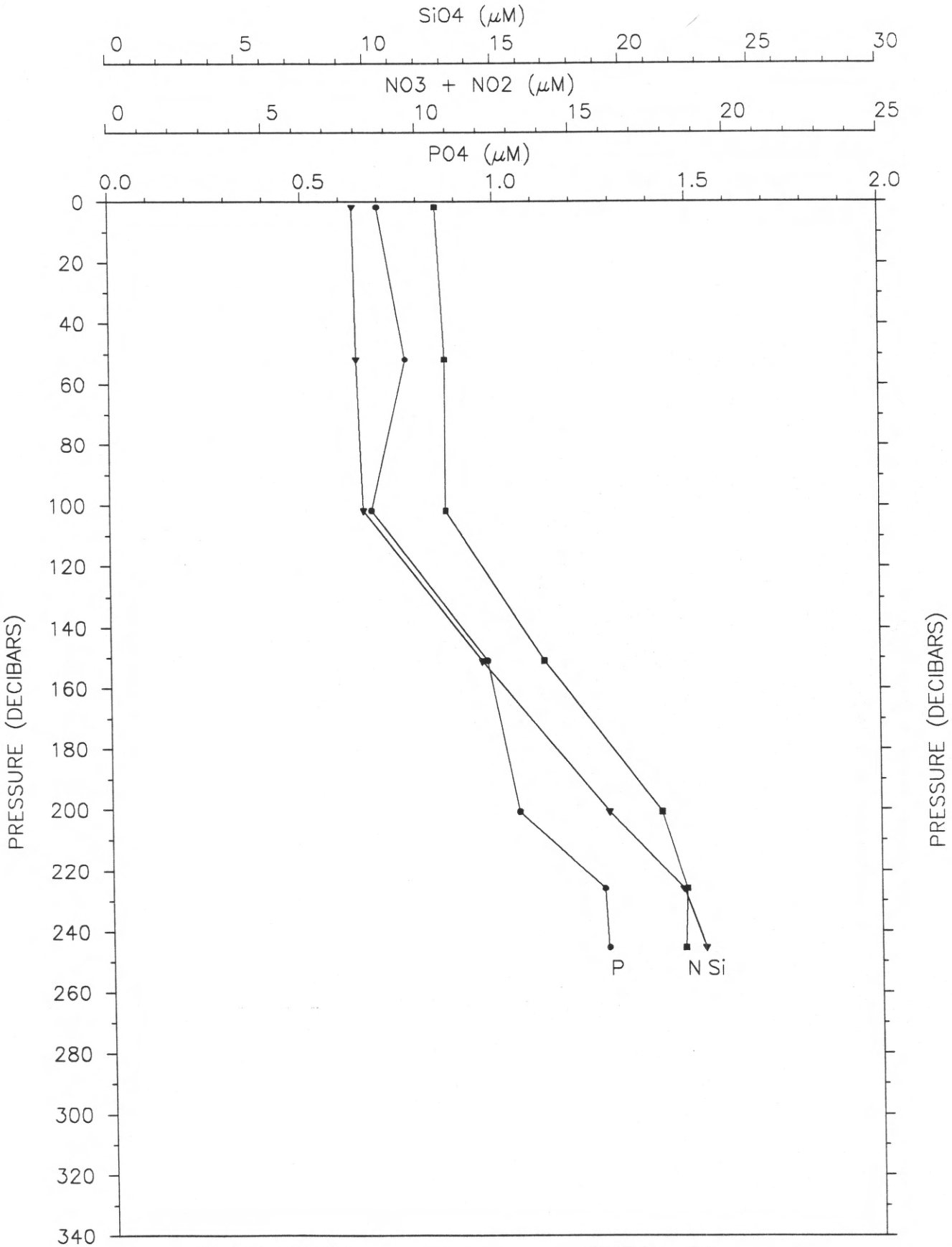


CRUISE: OC181
7 FEB 87
03: 22: 30 GMT

STATION: 27
42 30.80 N
69 29.93 W

0C181B CAST #28

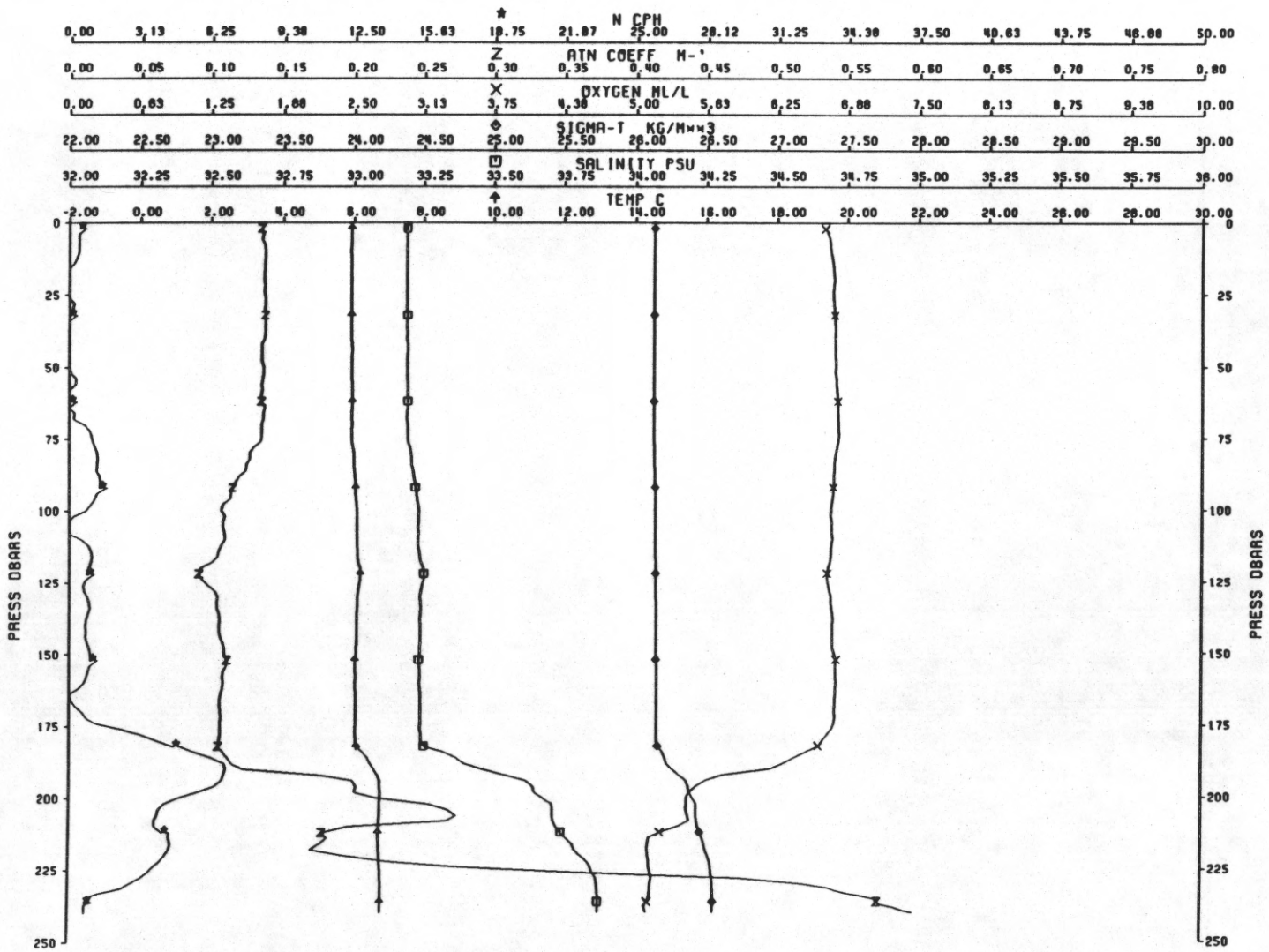


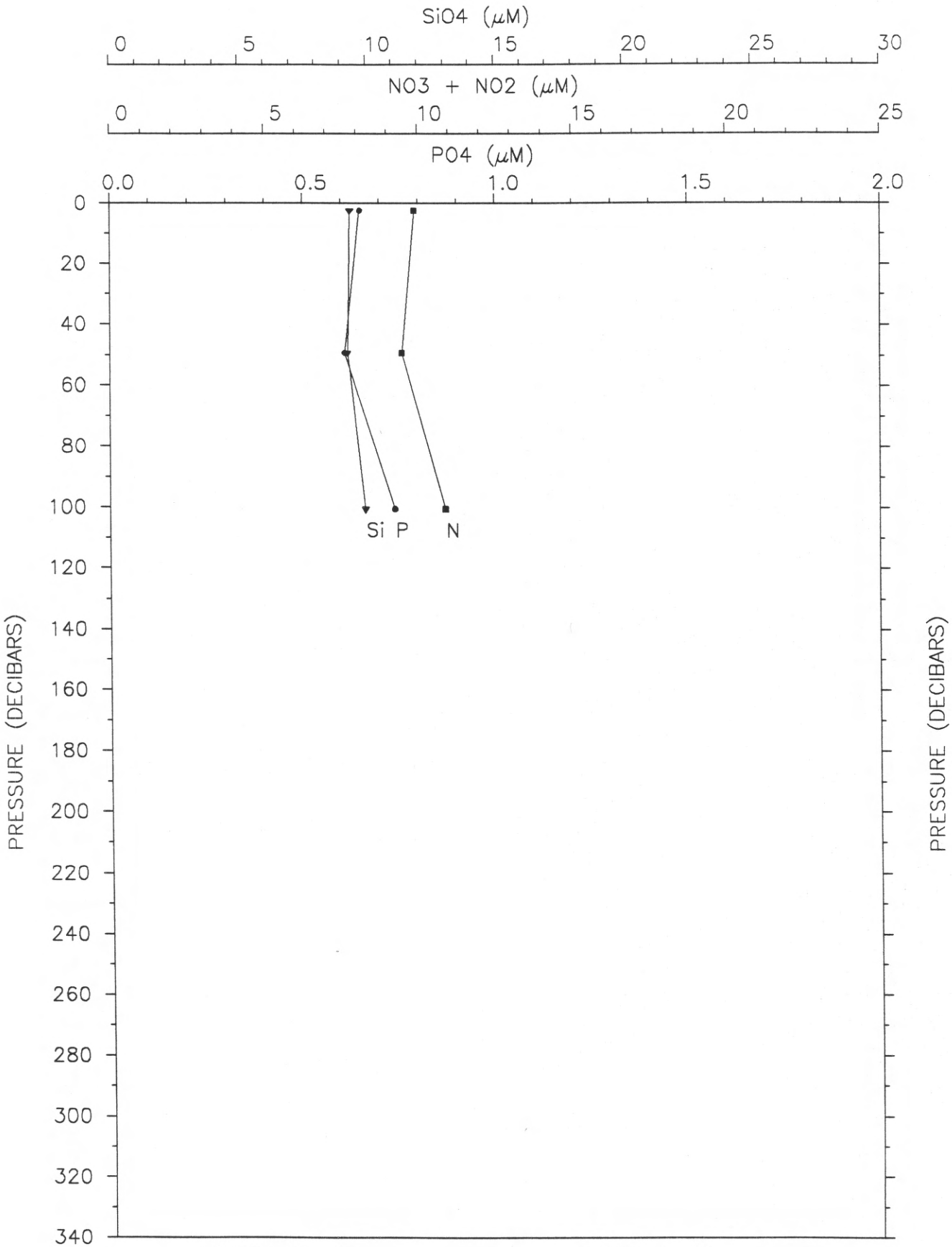


CRUISE: OC181
7 FEB 87
04: 37: 30 GMT

STATION: 28
42 24.50 N
69 39.05 W

0C181A CAST #29

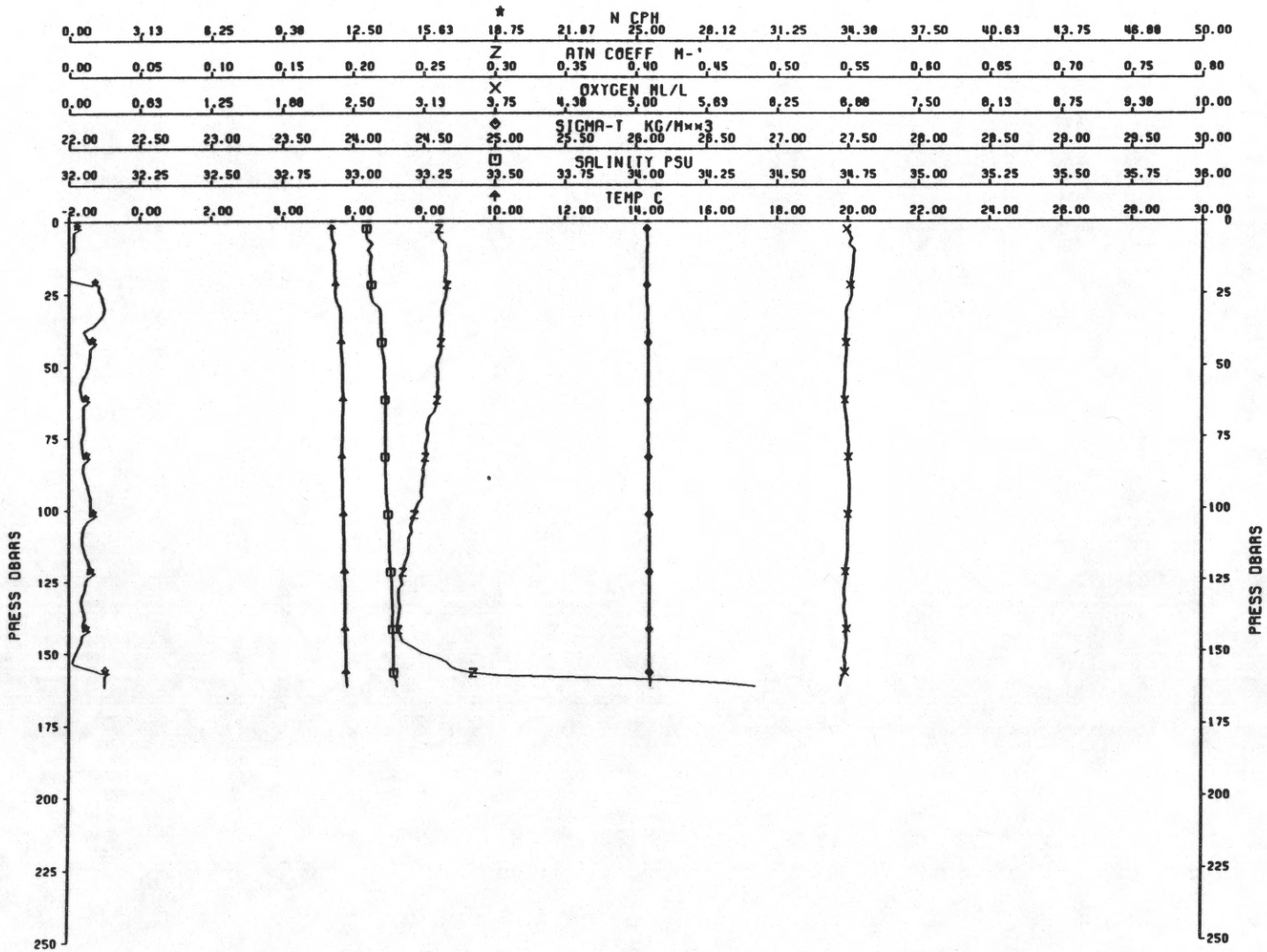


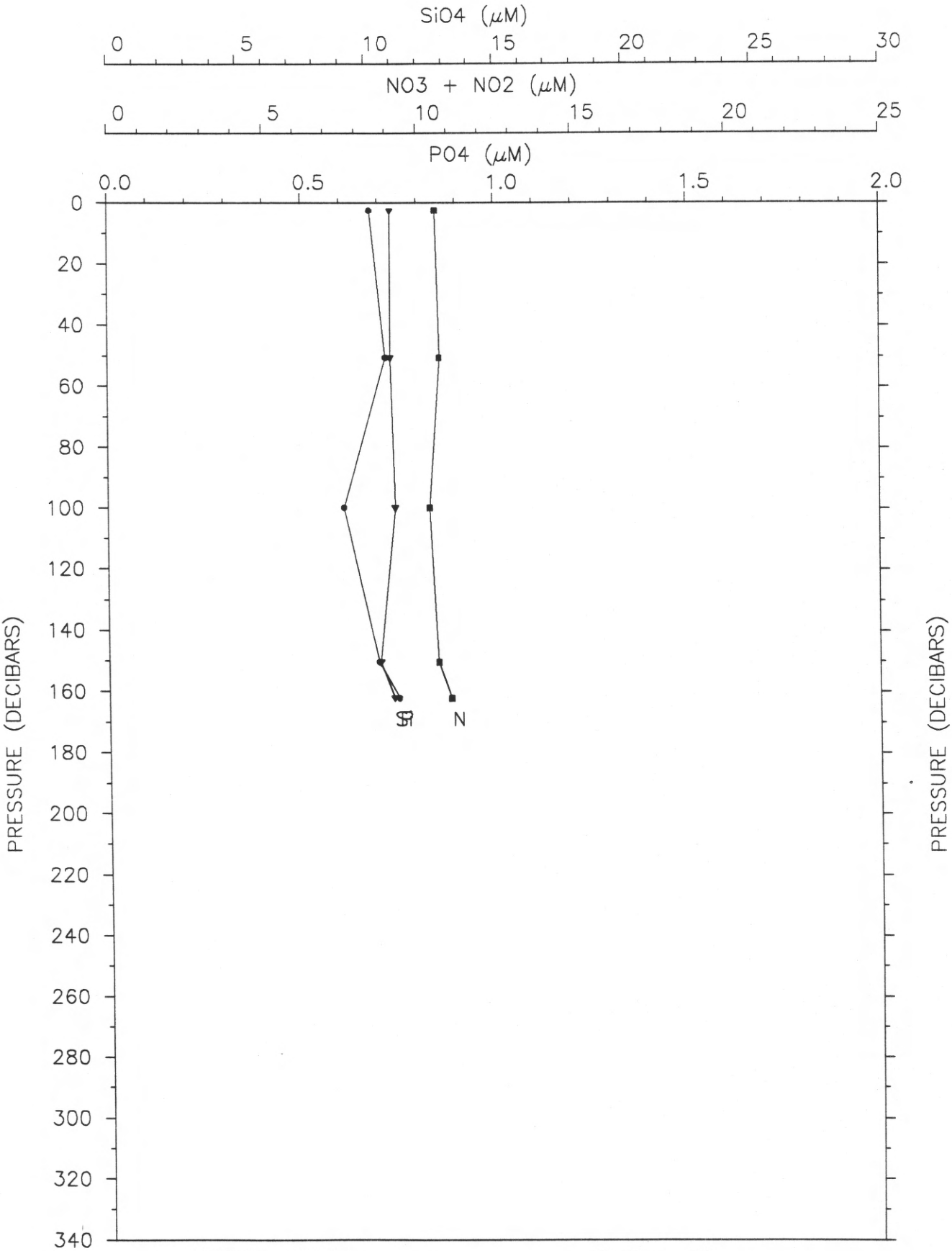


CRUISE: OC181
7 FEB 87
06: 00: 00 GMT

STATION: 29
42 18.03 N
69 46.89 W

OC181A CAST #30

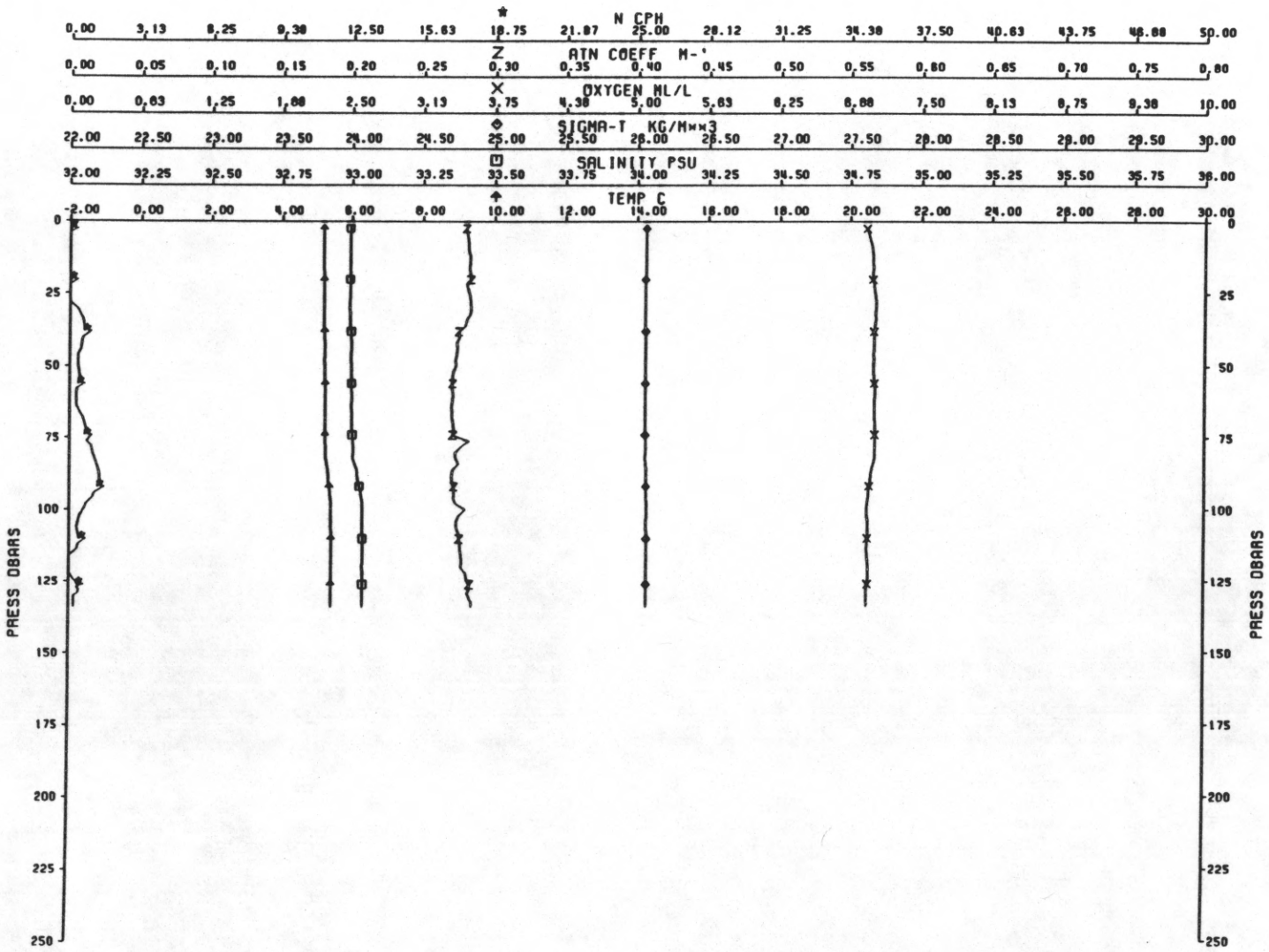


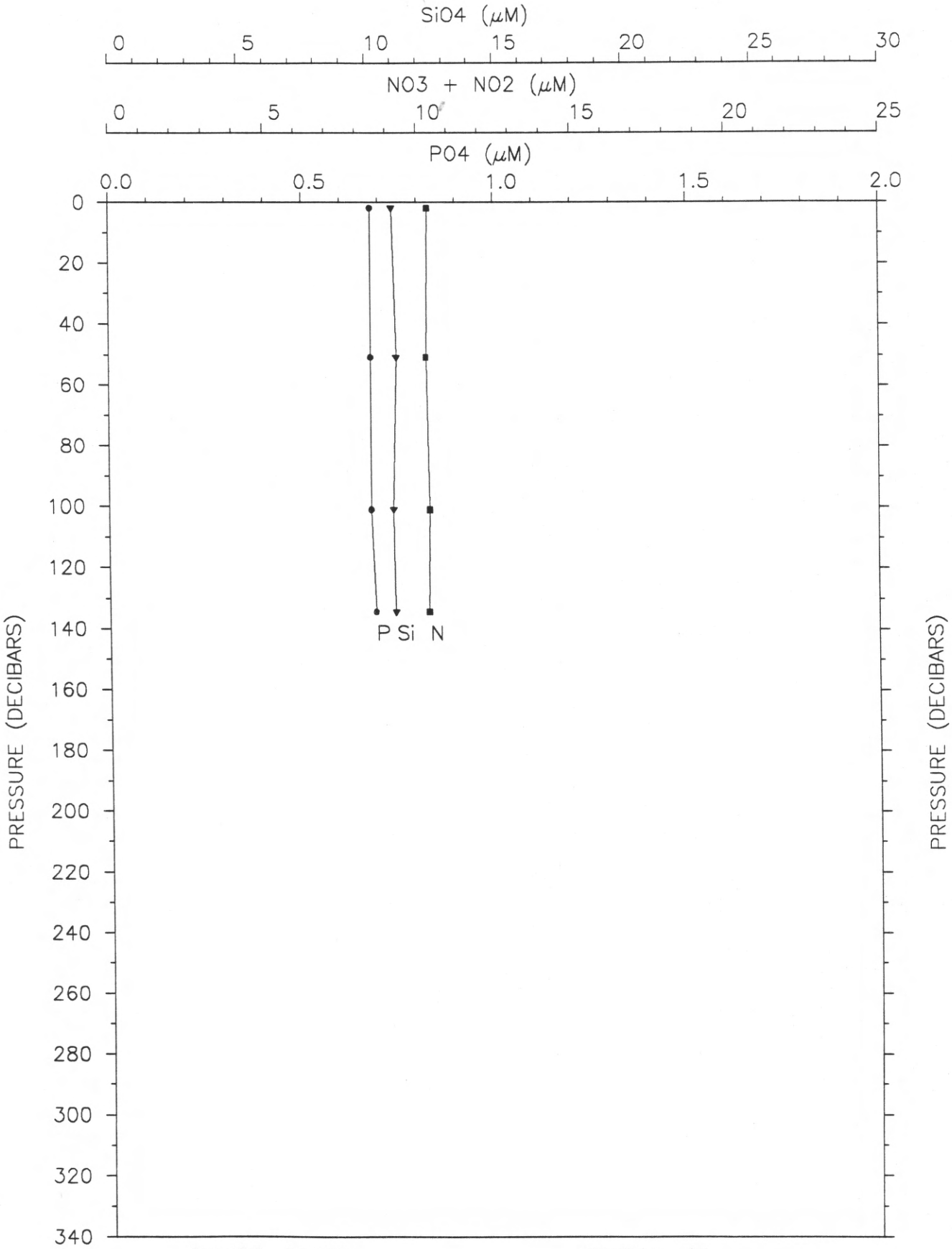


CRUISE: OC181
7 FEB 87
07: 15: 00 GMT

STATION: 30
42 12.03 N
69 53.90 W

OC181B CAST #31

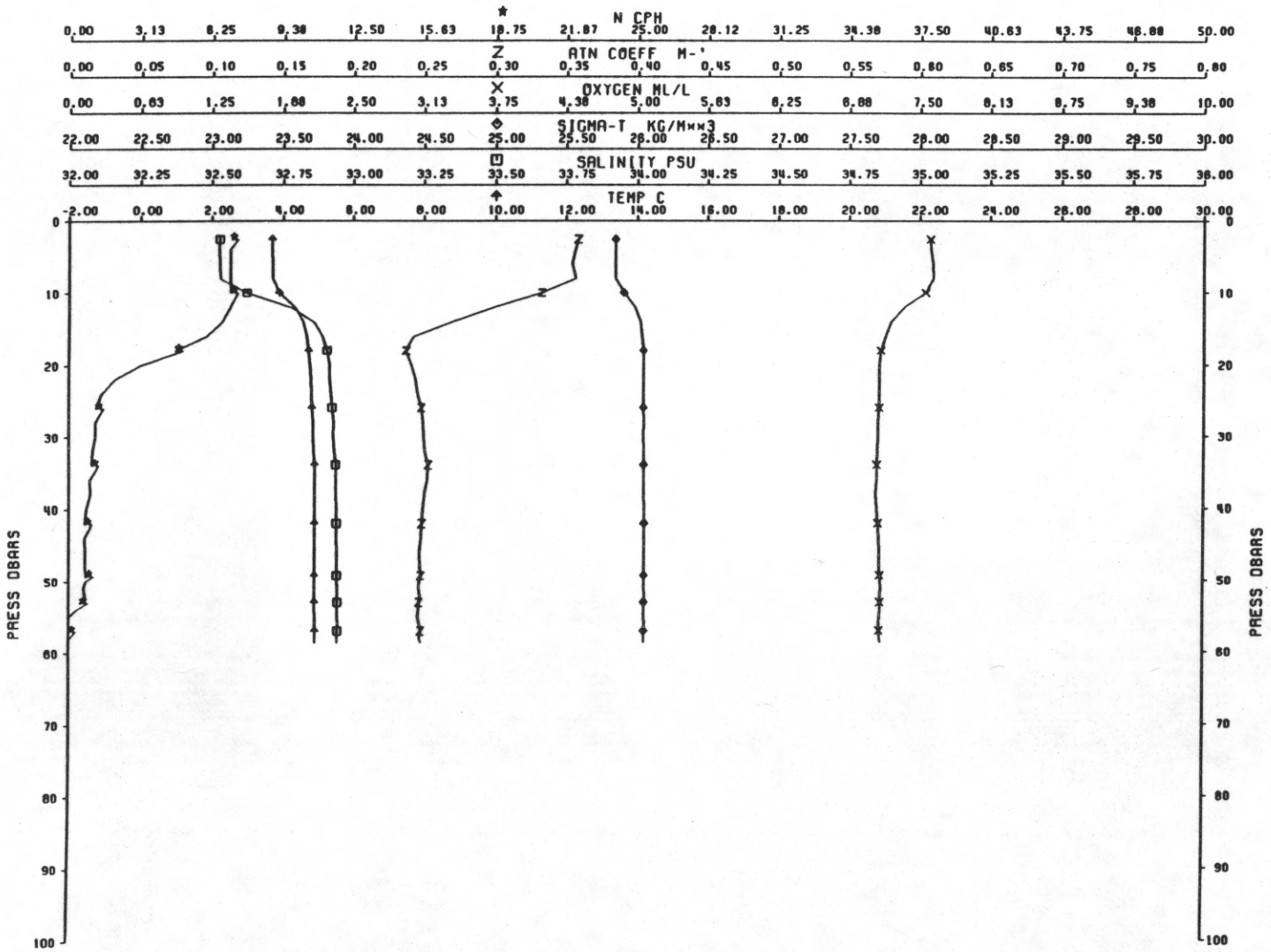


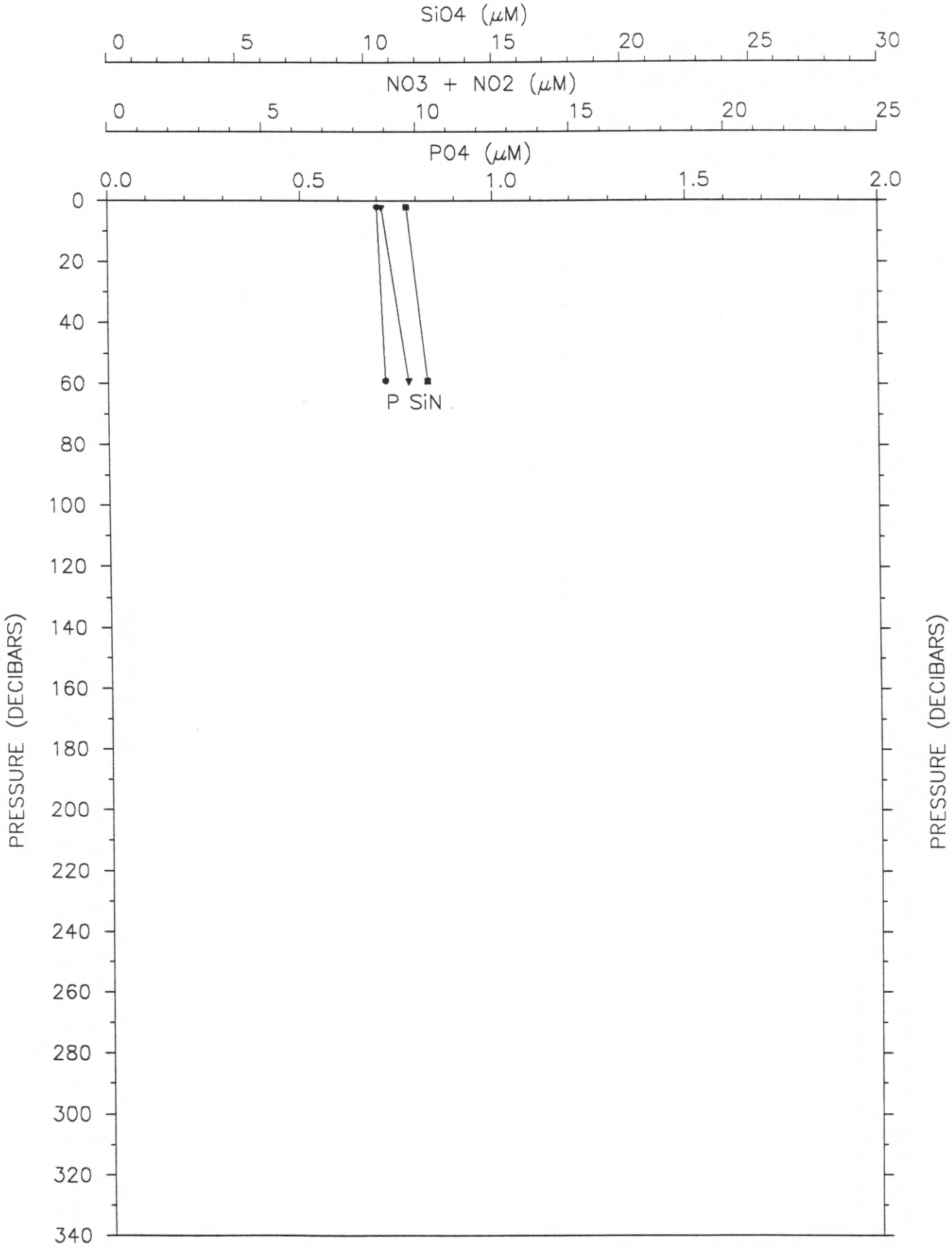


CRUISE: OC181
7 FEB 87
08: 00: 00 GMT

STATION: 31
42 09.05 N
69 57.45 W

OC181A CAST #32

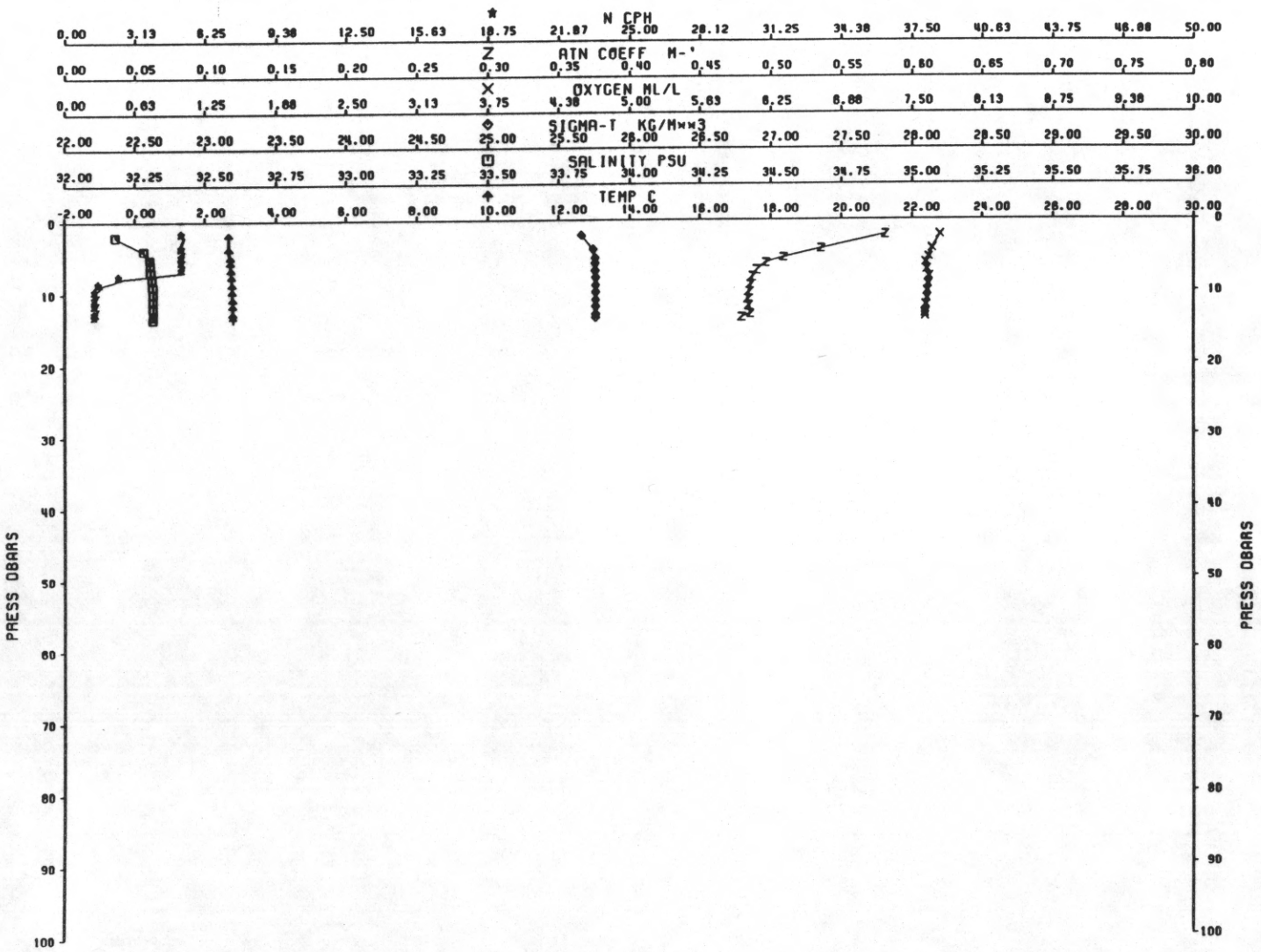


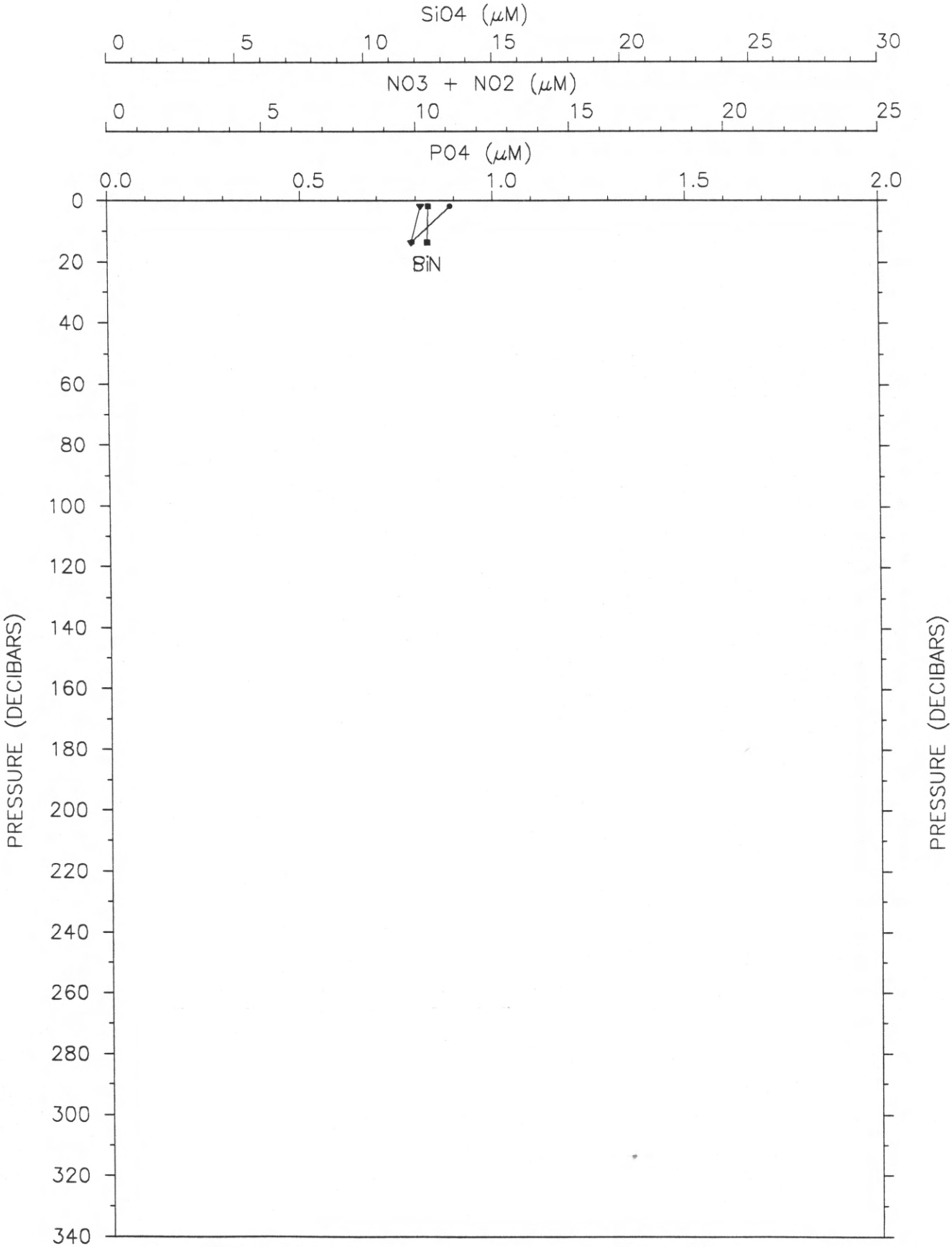


CRUISE: OC181
7 FEB 87
08: 52: 30 GMT

STATION: 32
42 06.00 N
70 01.40 W

0C181A CAST #33

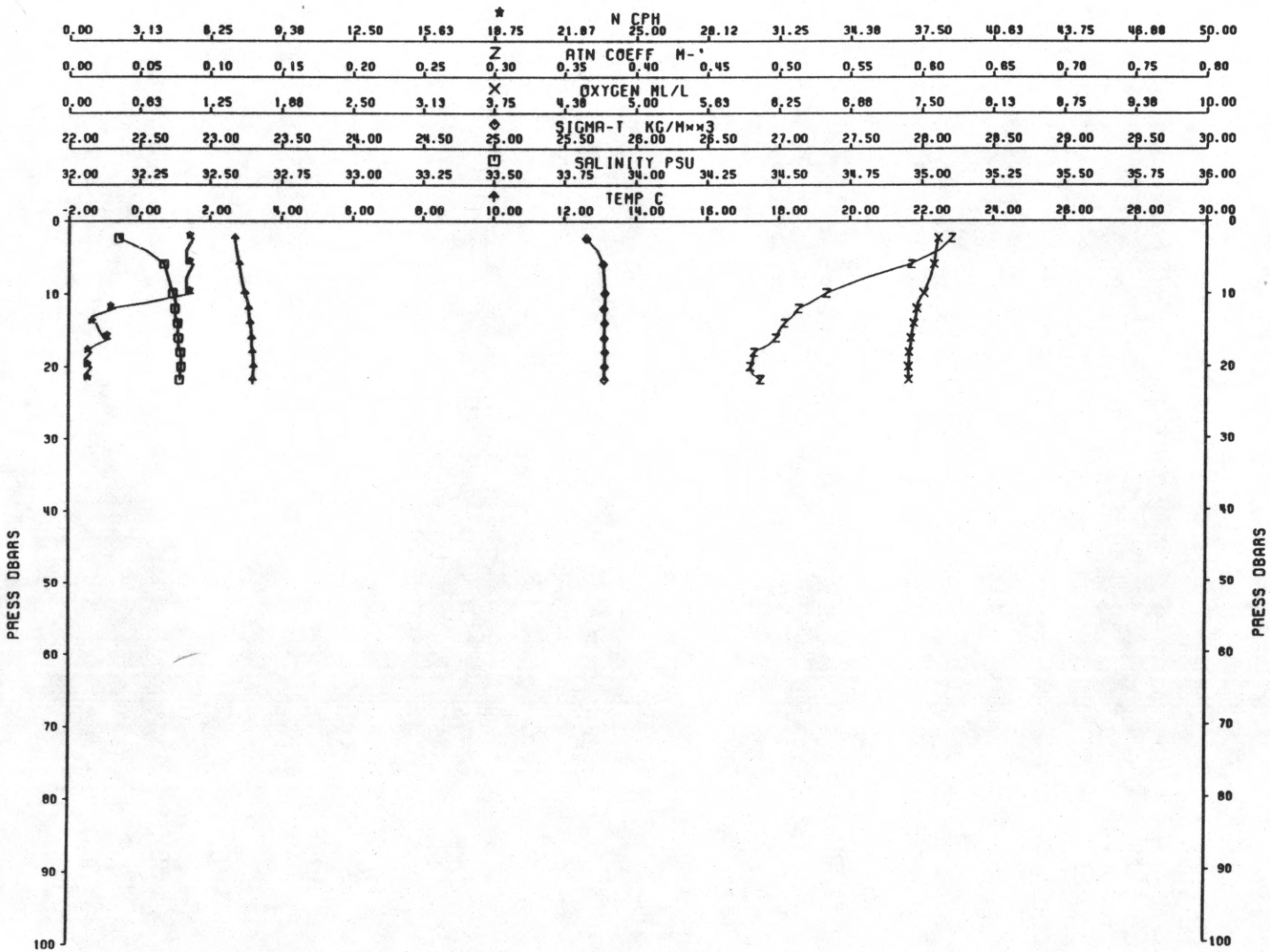


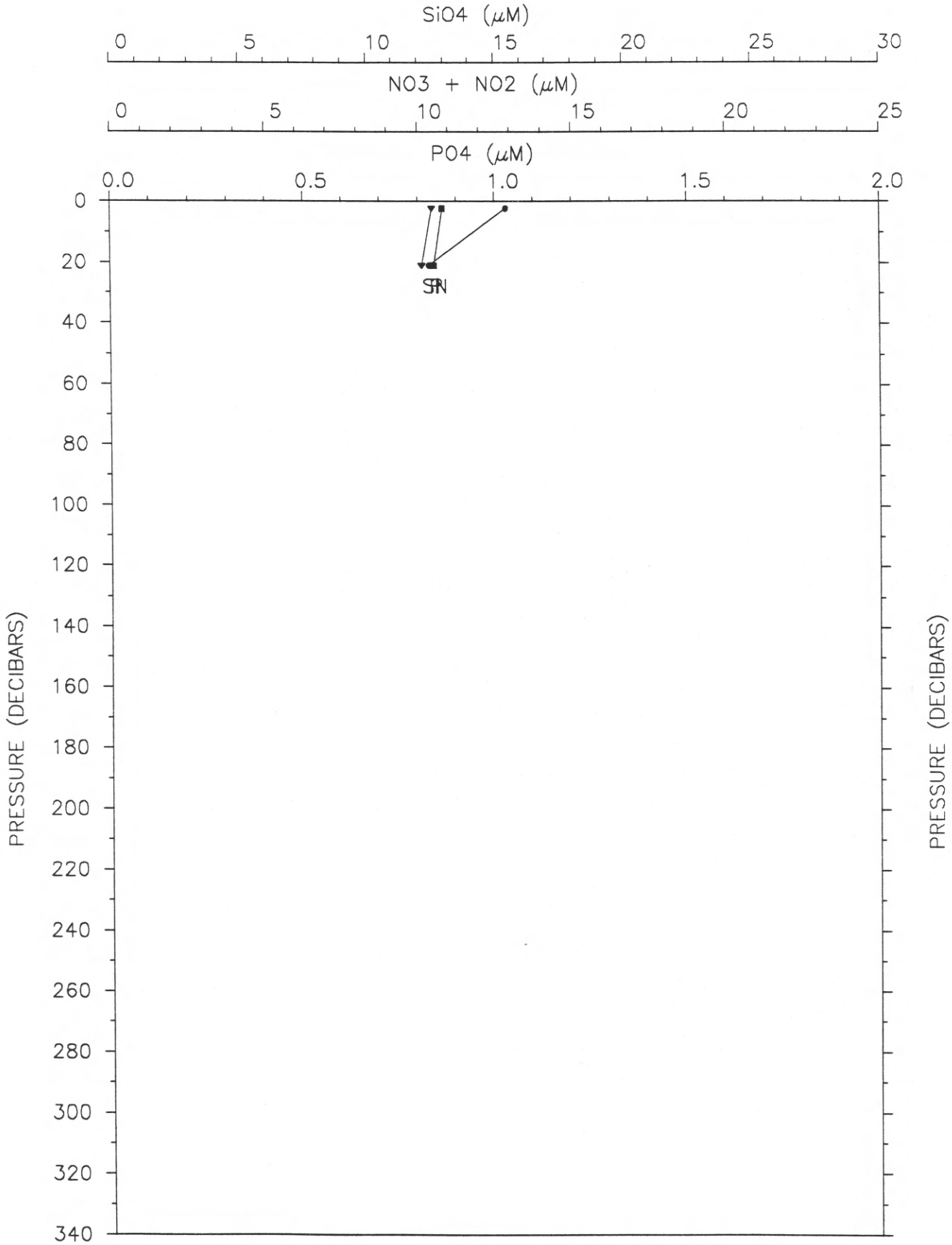


CRUISE: OC181
8 FEB 87
00: 07: 30 GMT

STATION: 33
42 23.00 N
70 56.07 W

OC181A CAST #34

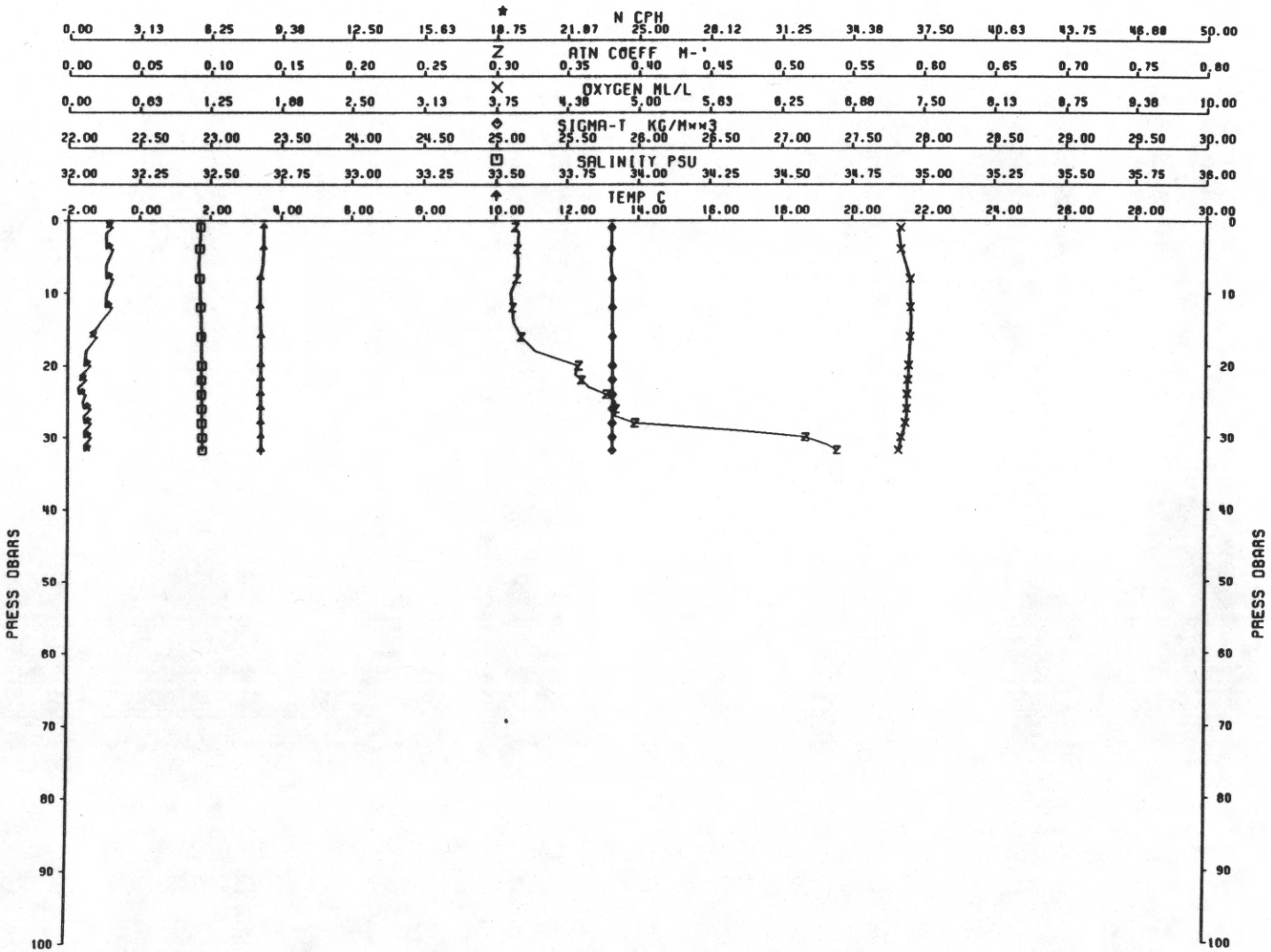


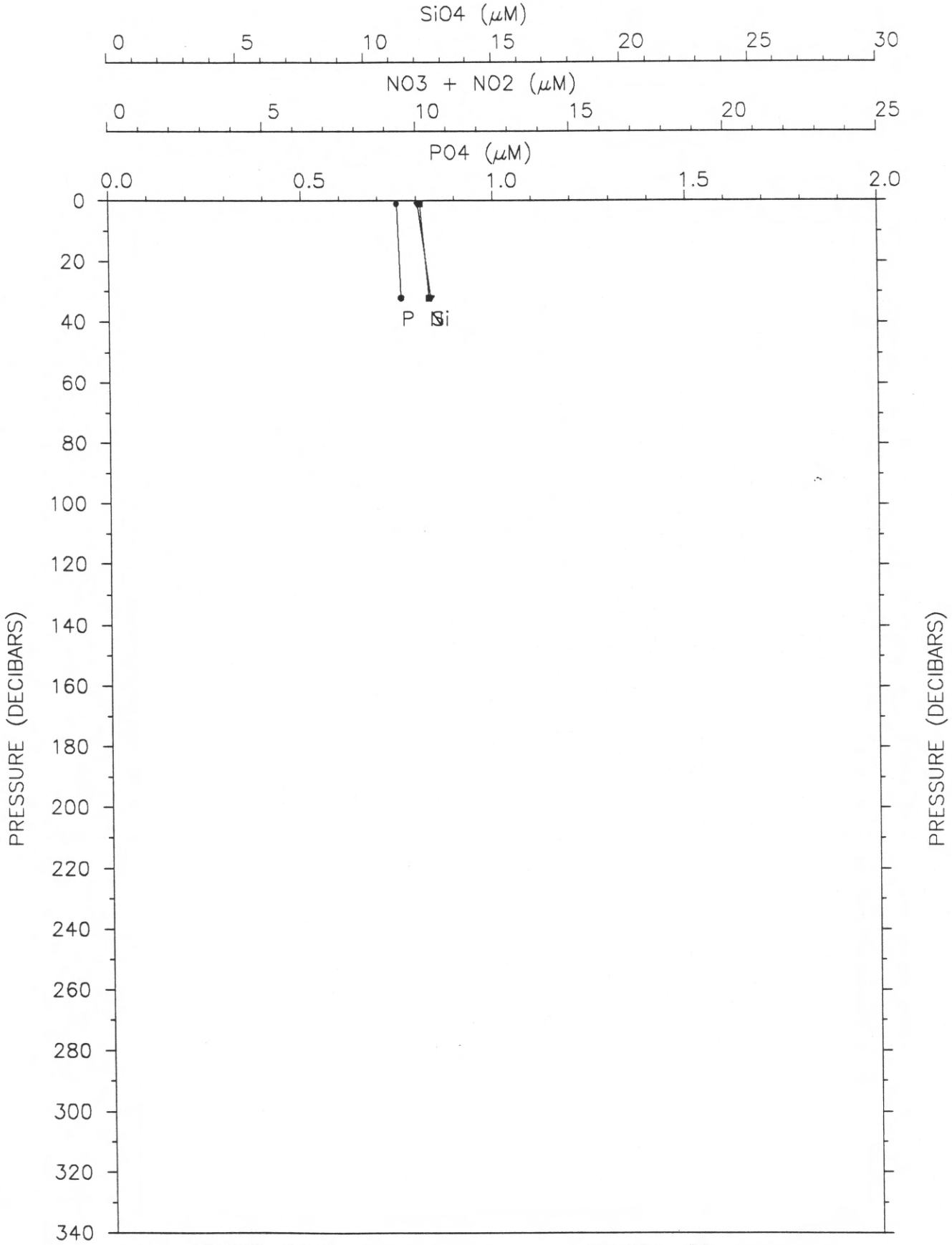


CRUISE: OC181
8 FEB 87
00: 37: 30 GMT

STATION: 34
42 23.50 N
70 54.45 W

OC181A CAST #35

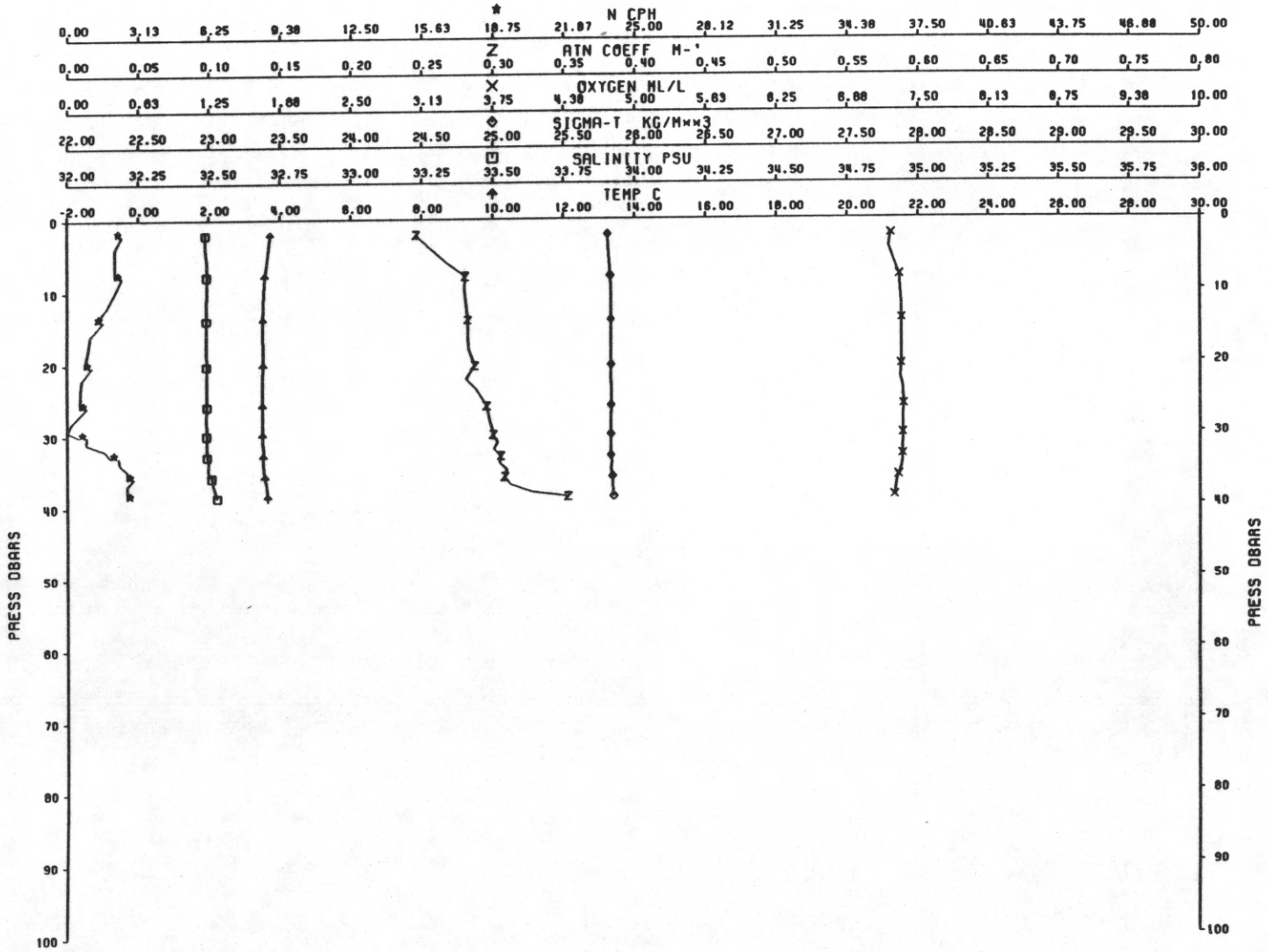


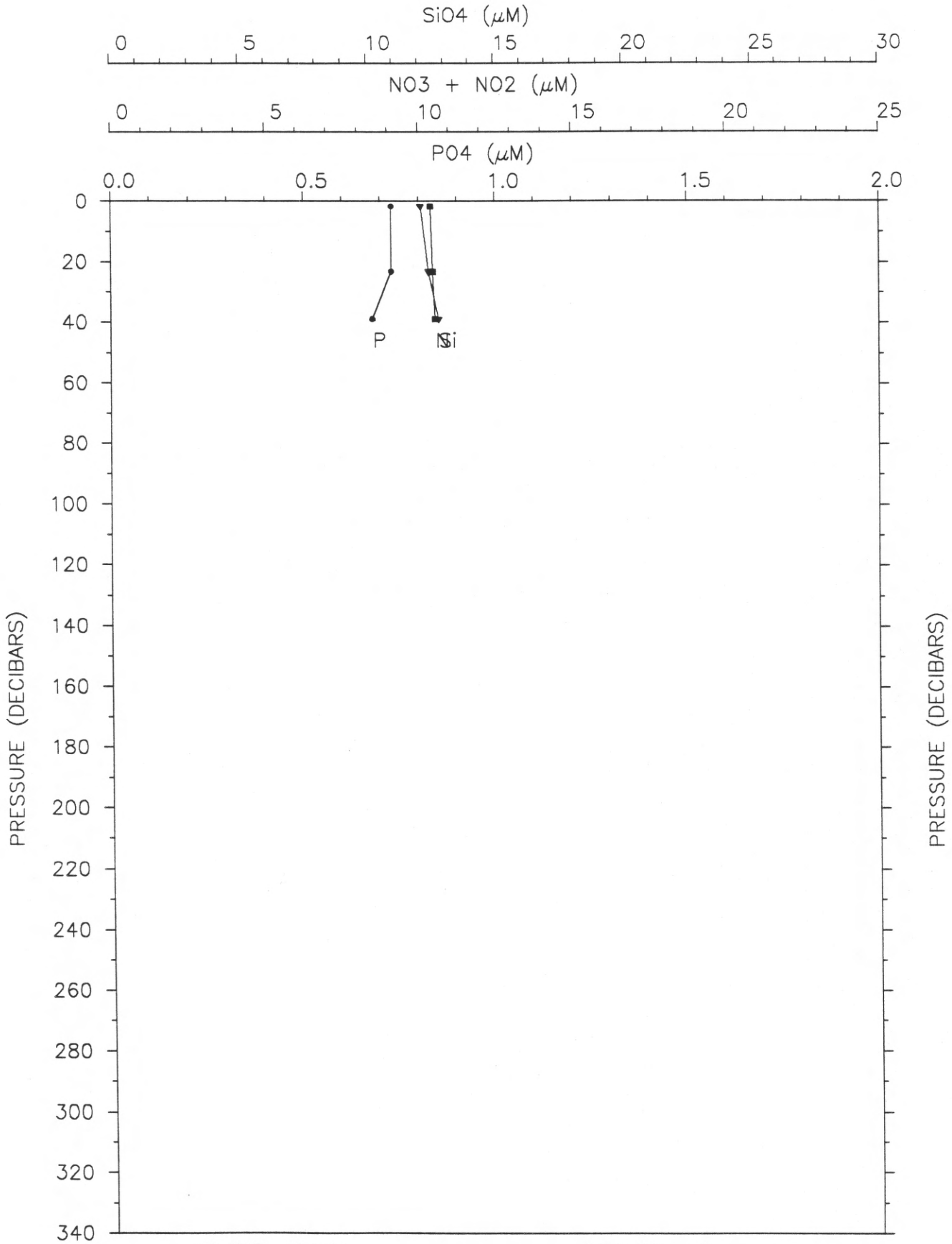


CRUISE: OC181
8 FEB 87
01: 22: 30 GMT

STATION: 35
42 23.47 N
70 50.09 W

0C181U CAST #36

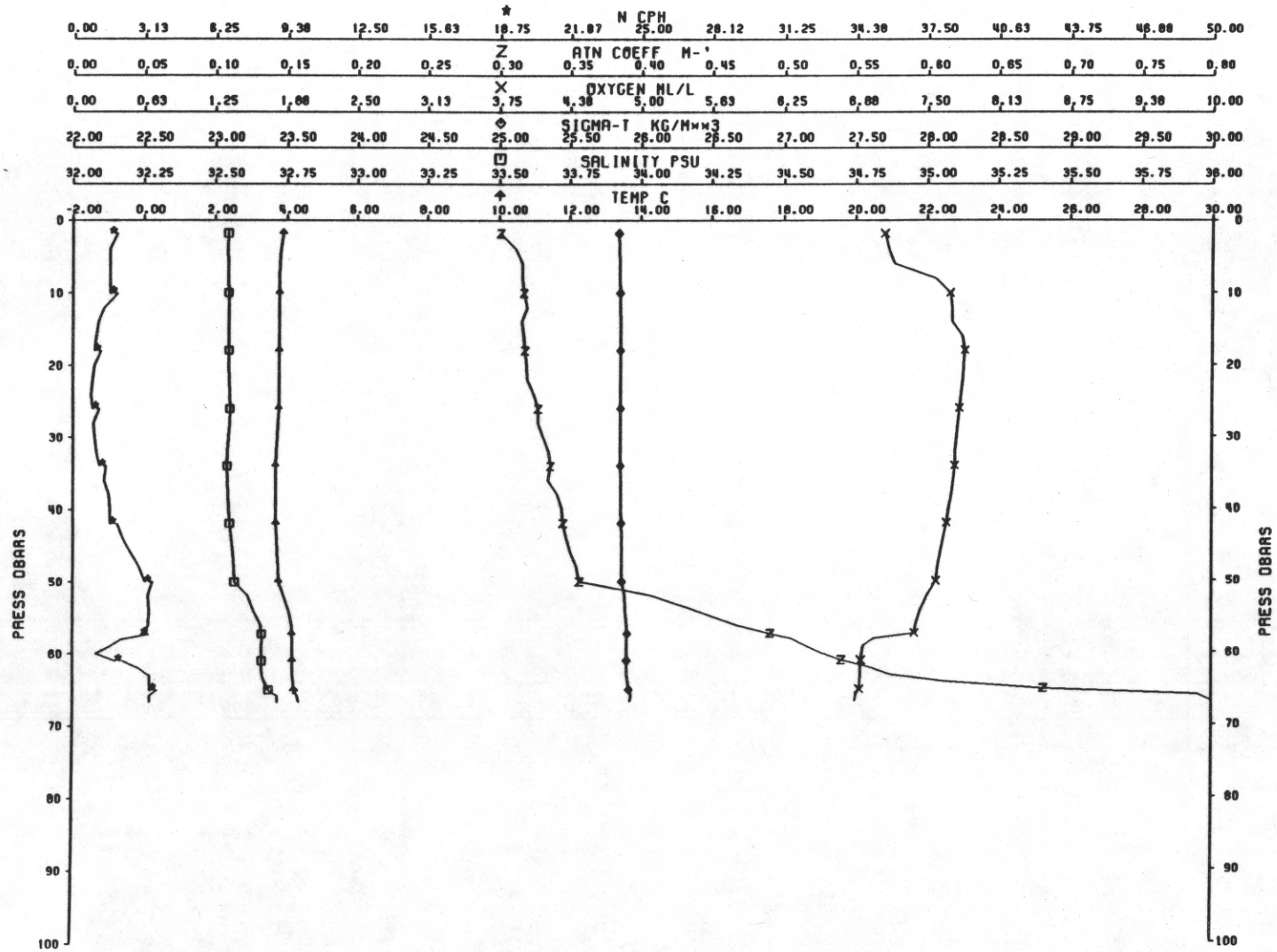


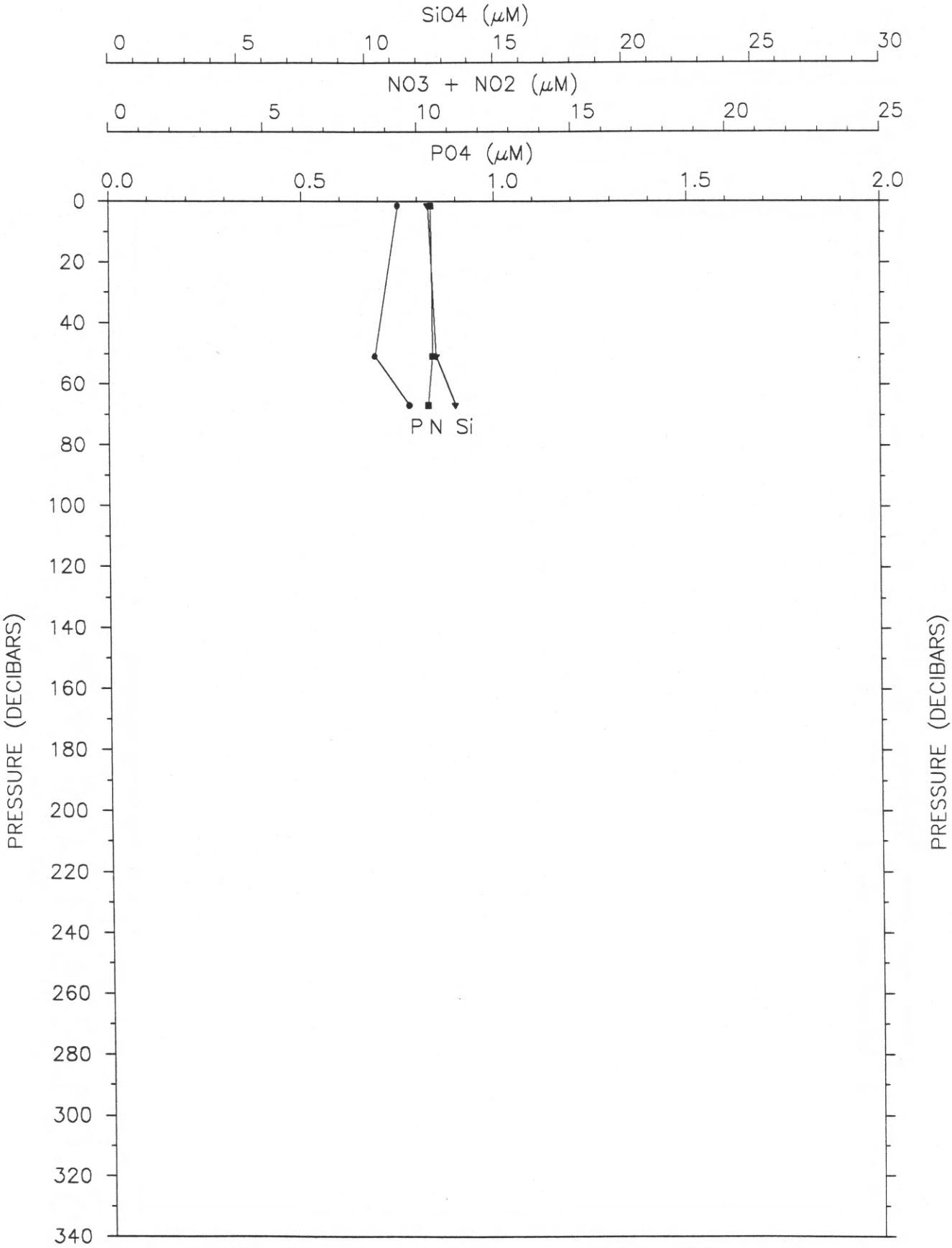


CRUISE: OC181
8 FEB 87
01: 52: 30 GMT

STATION: 36
42 23.45 N
70 44.92 W

OC181A CAST #37

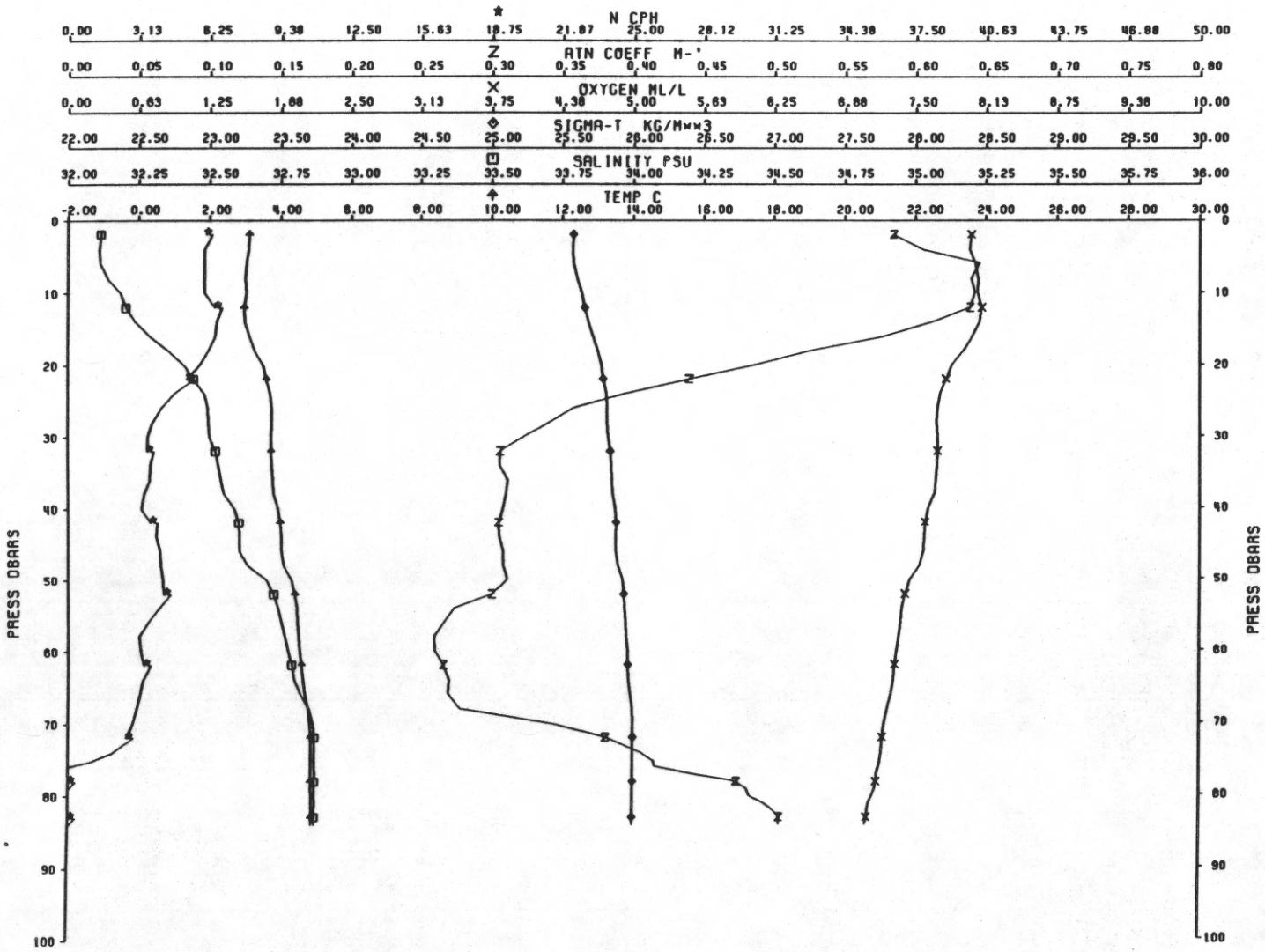


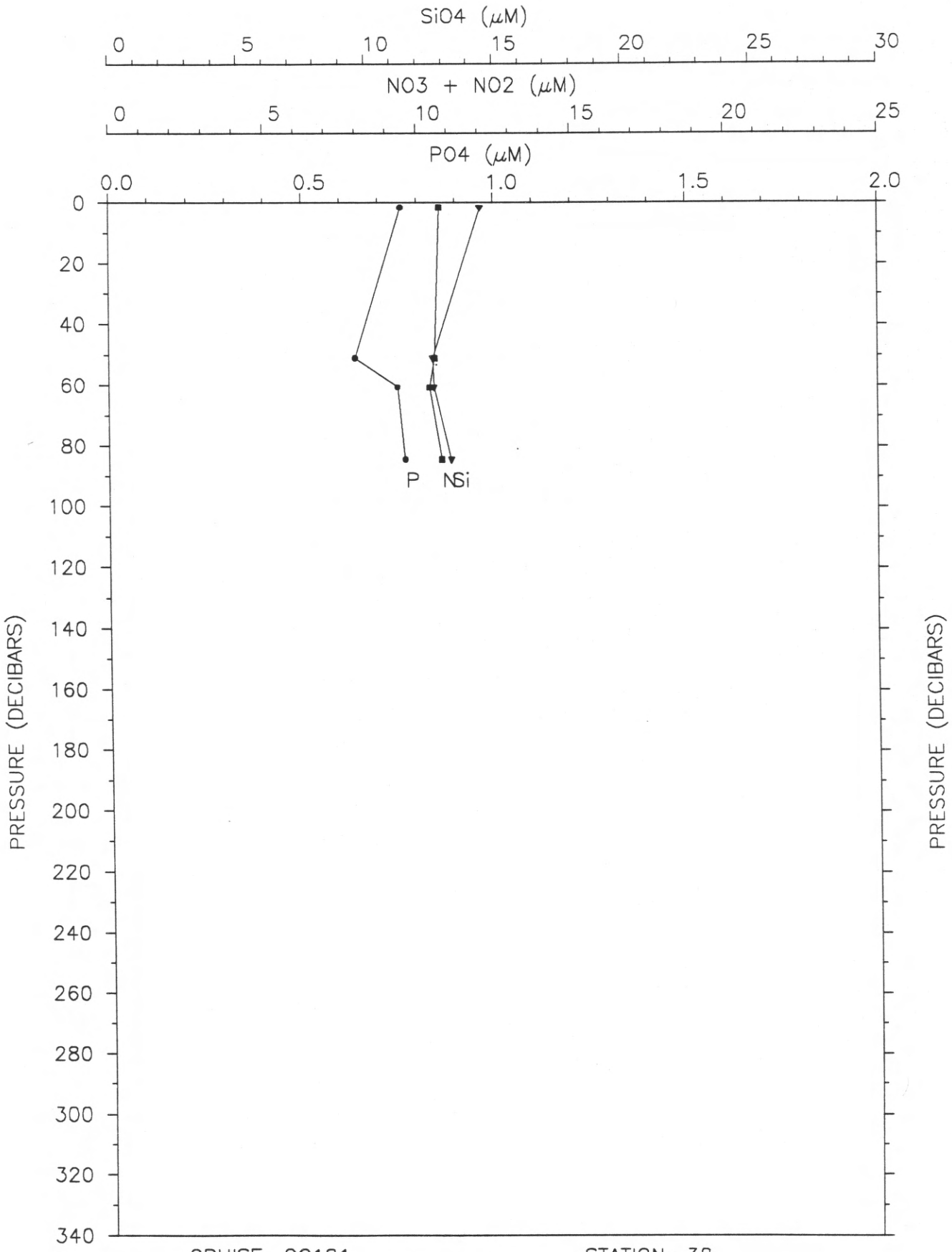


CRUISE: OC181
8 FEB 87
02: 22: 30 GMT

STATION: 37
42 23.47 N
70 39.92 W

0C181A CAST #38

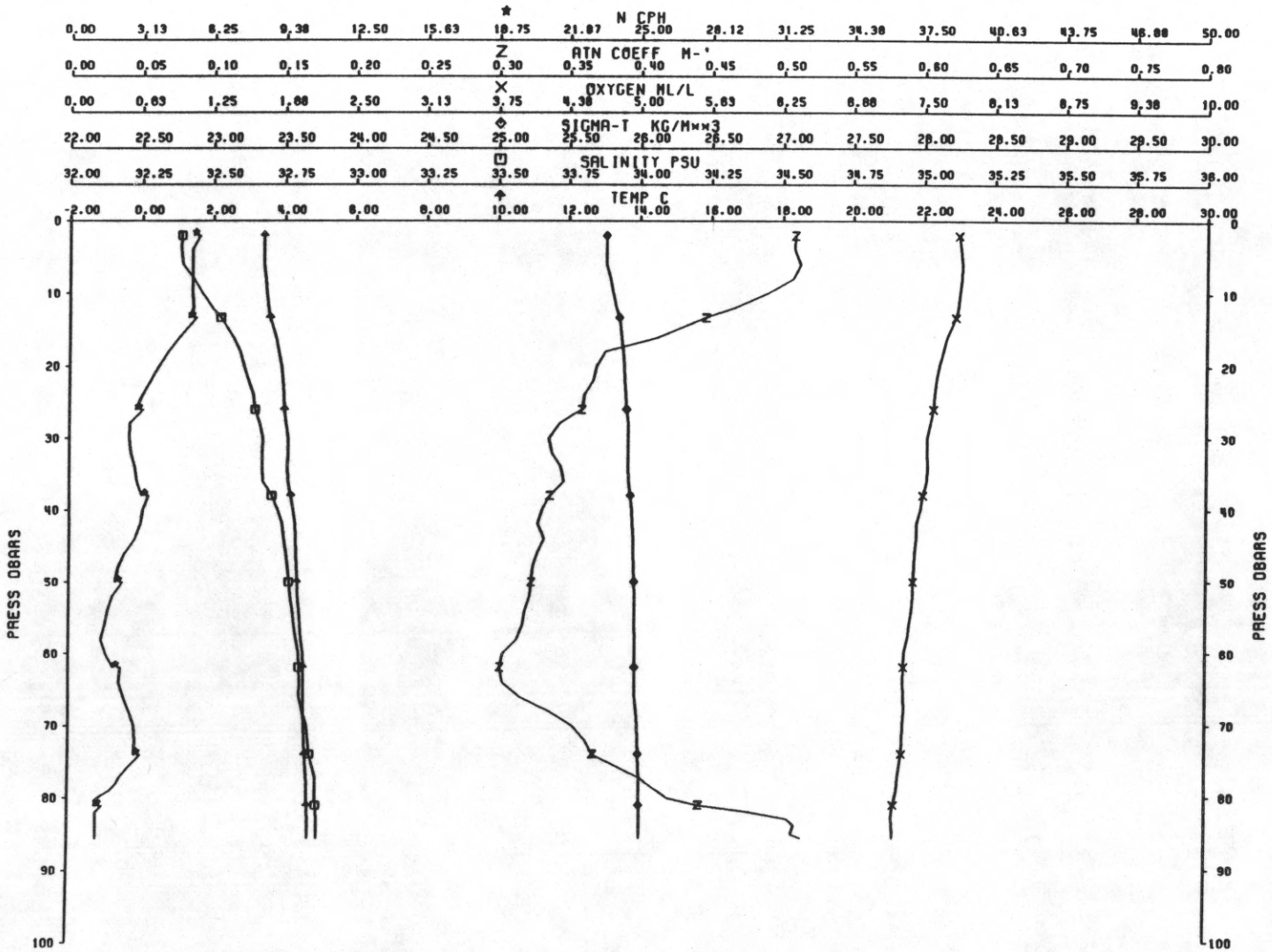


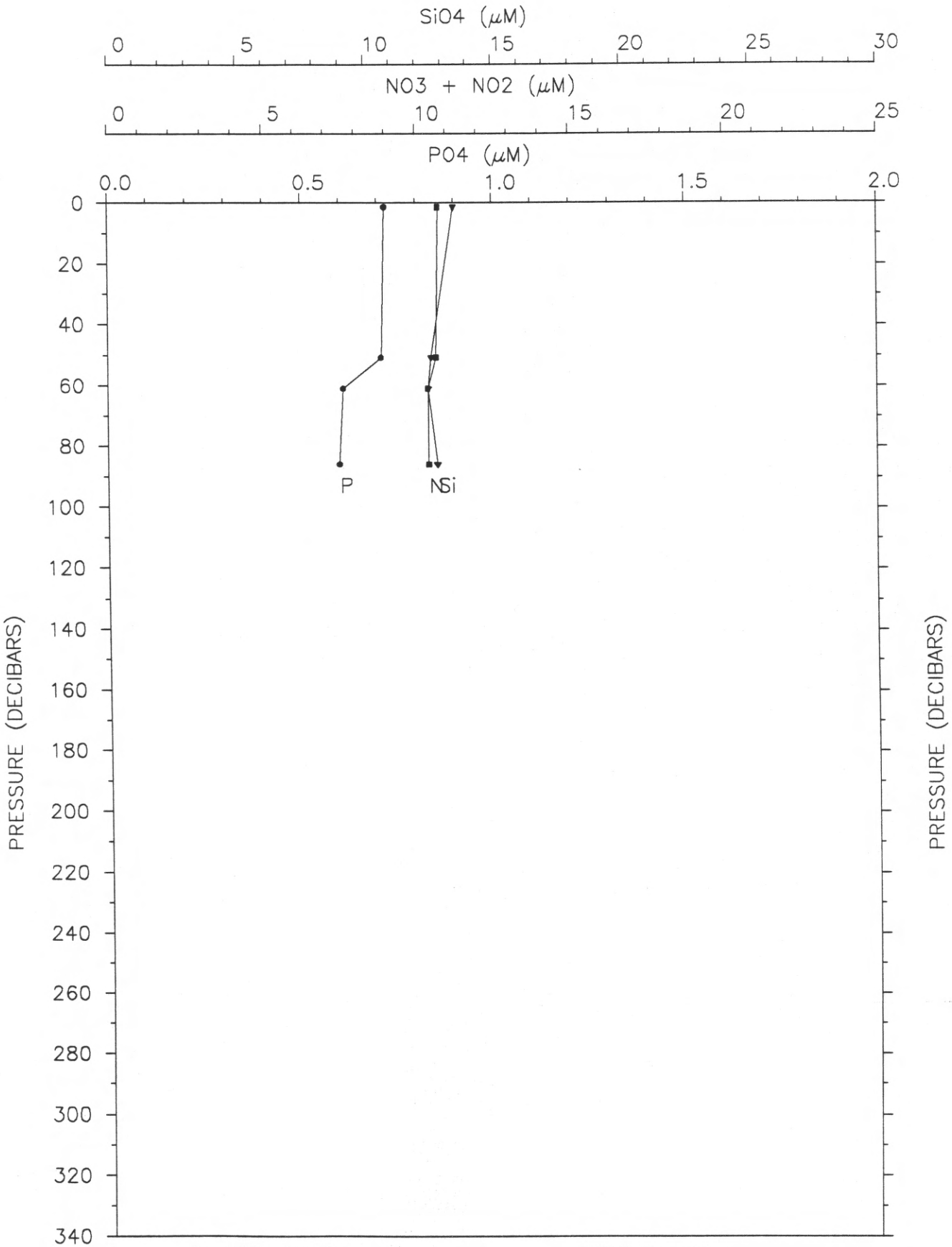


CRUISE: OC181
8 FEB 87
03: 00: 00 GMT

STATION: 38
42 23.41 N
70 34.90 W

0C181B CAST #39

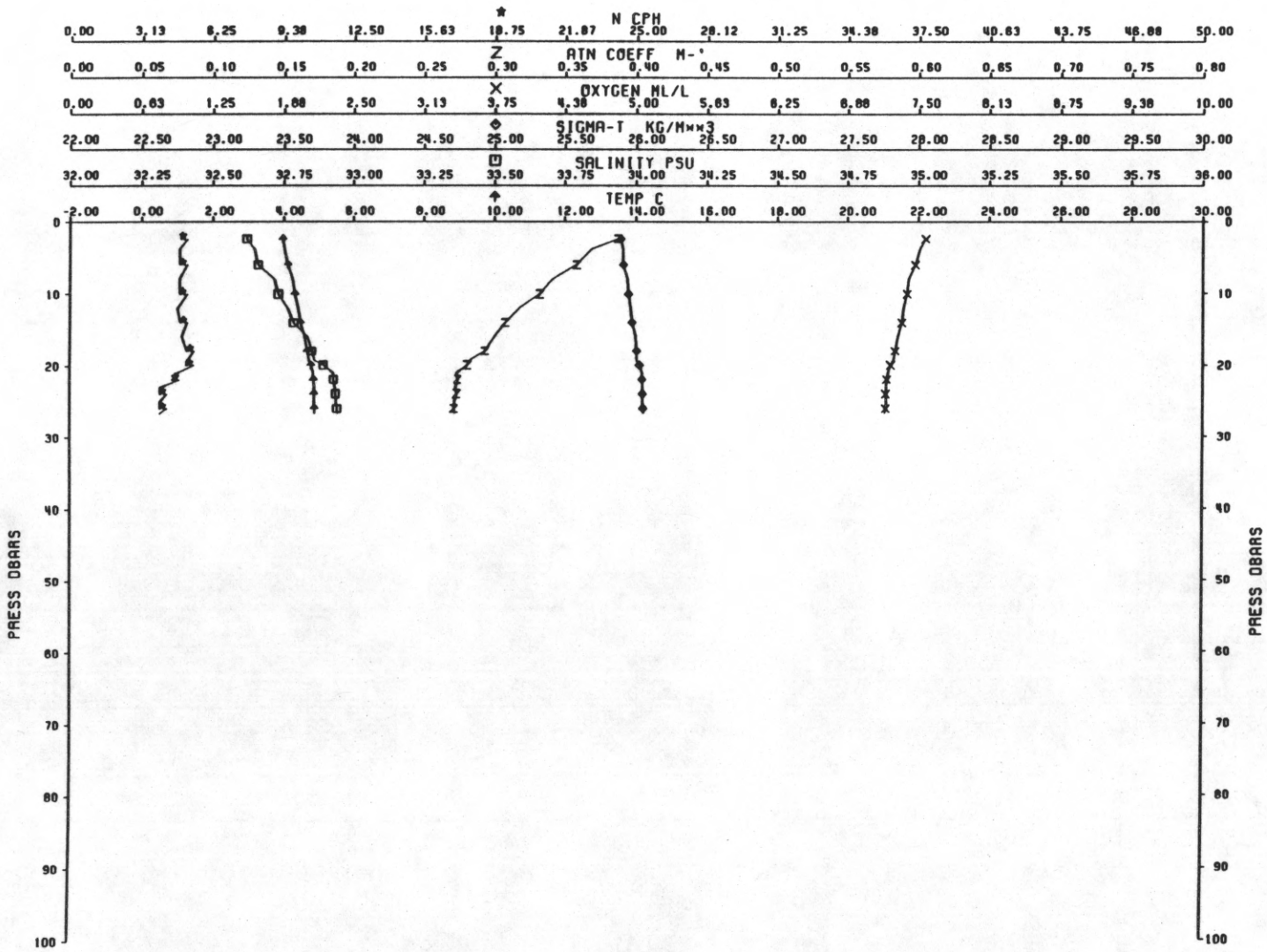


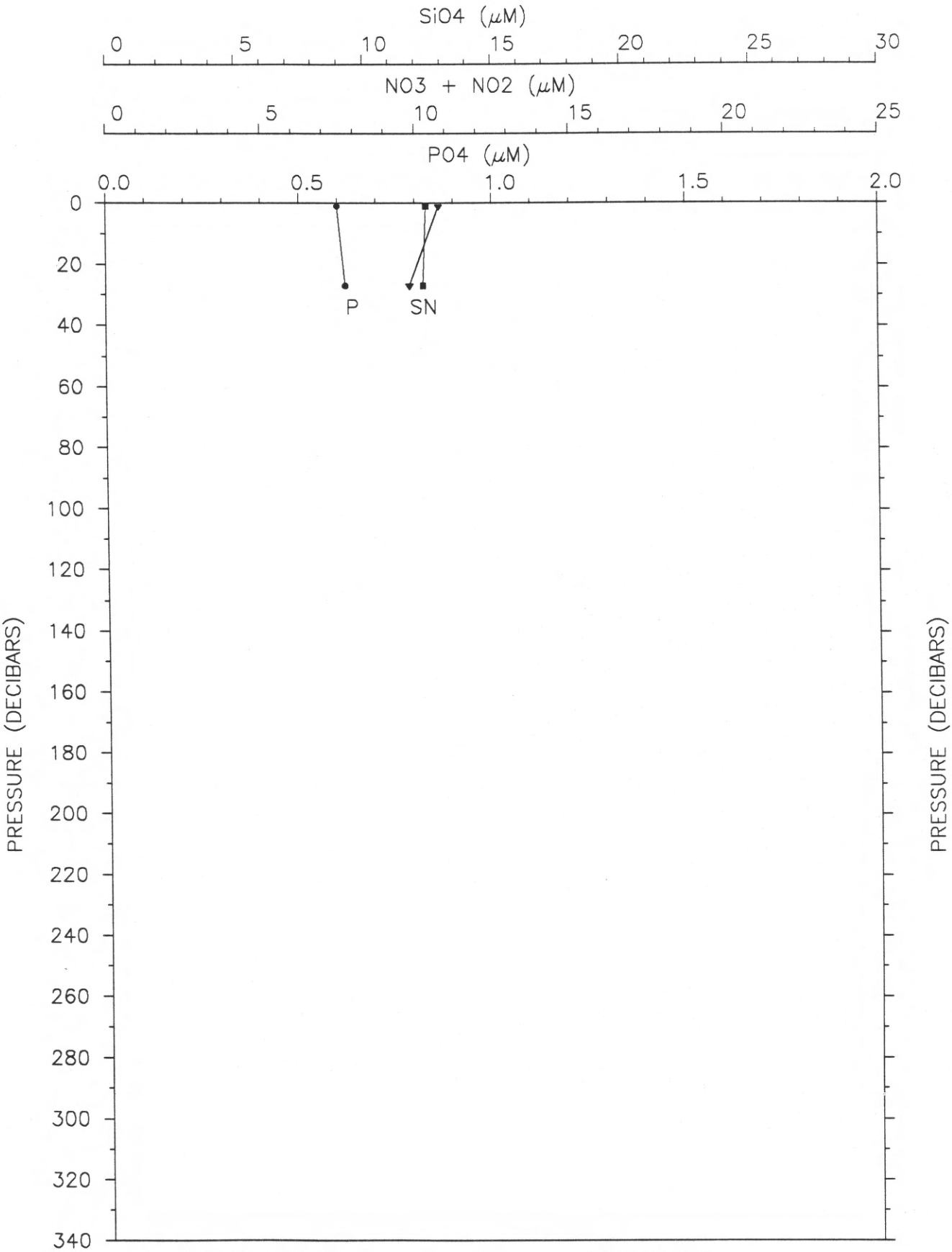


CRUISE: OC181
8 FEB 87
03: 37: 30 GMT

STATION: 39
42 23.44 N
70 29.85 W

OC181A CAST #40

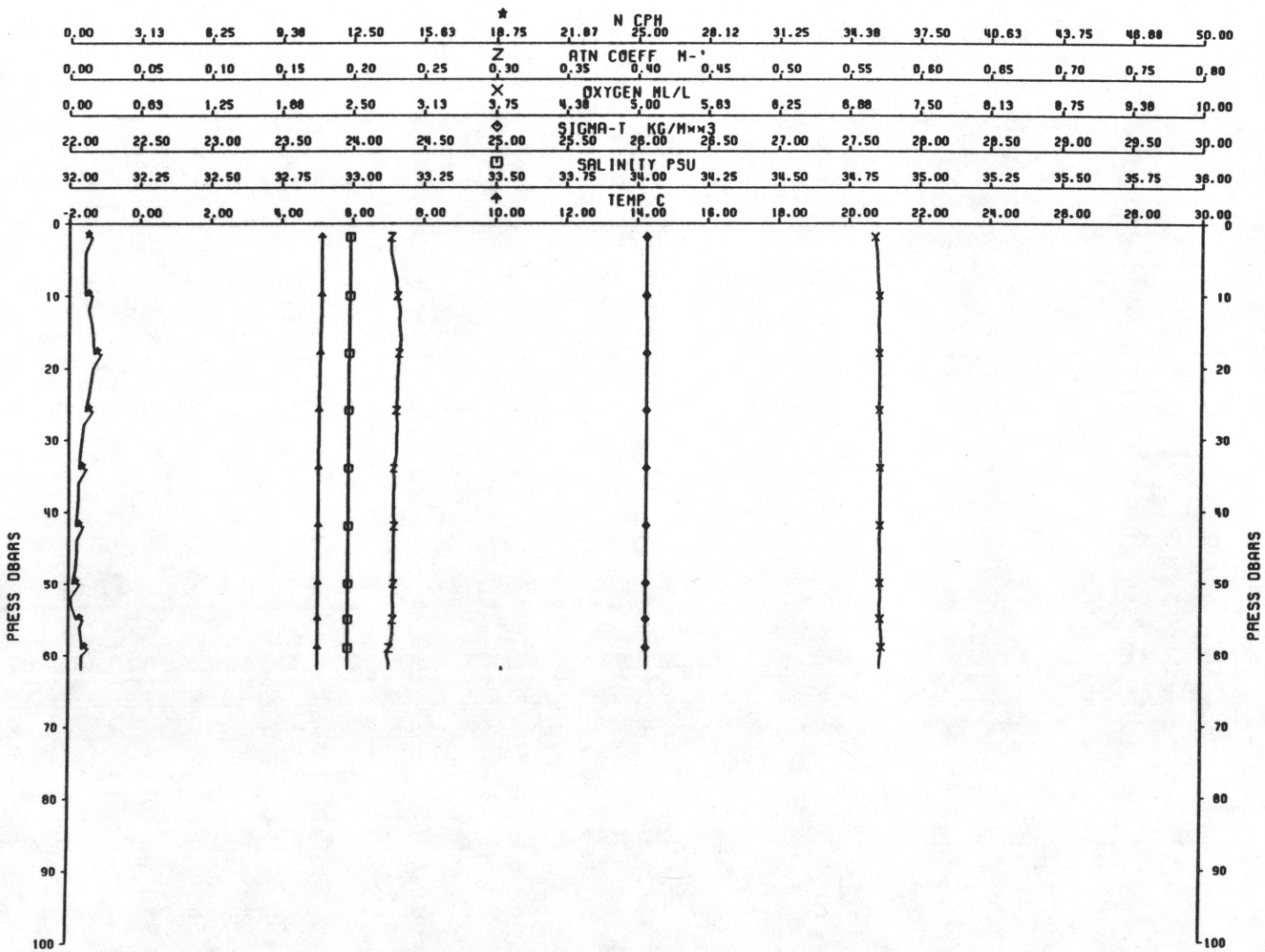


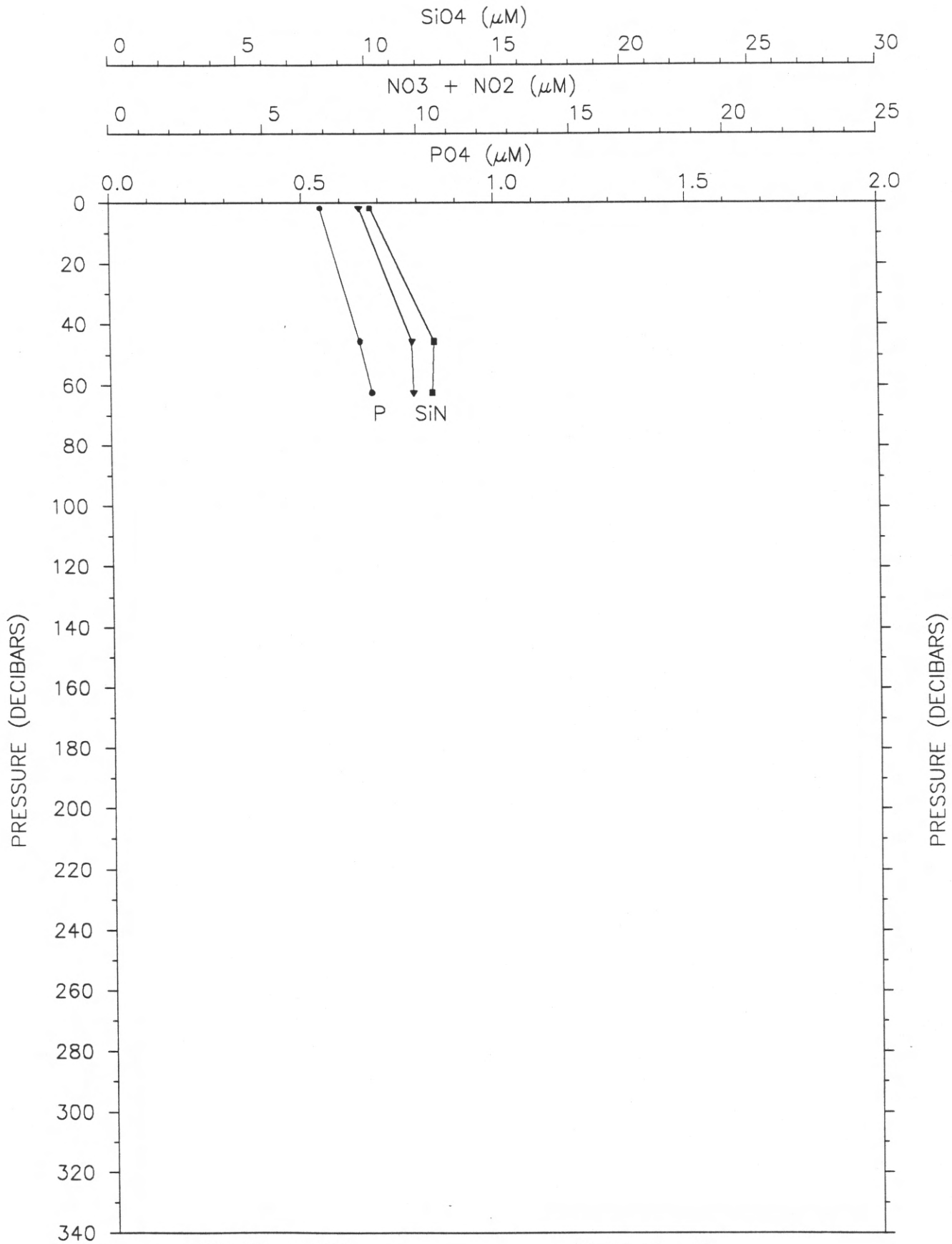


CRUISE: OC181
8 FEB 87
04: 15: 00 GMT

STATION: 40
42 23.45 N
70 24.82 W

OC181A CAST #41

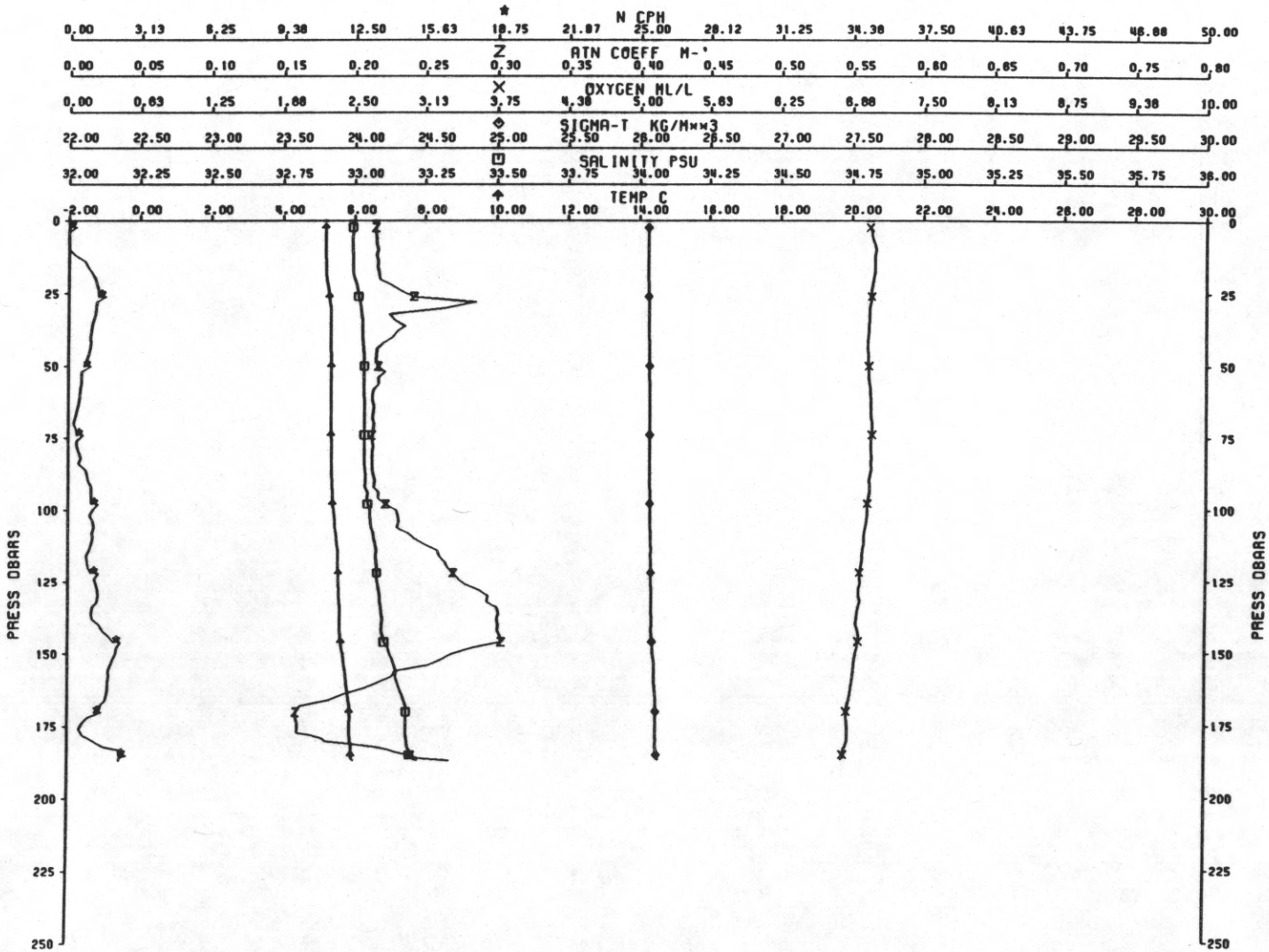


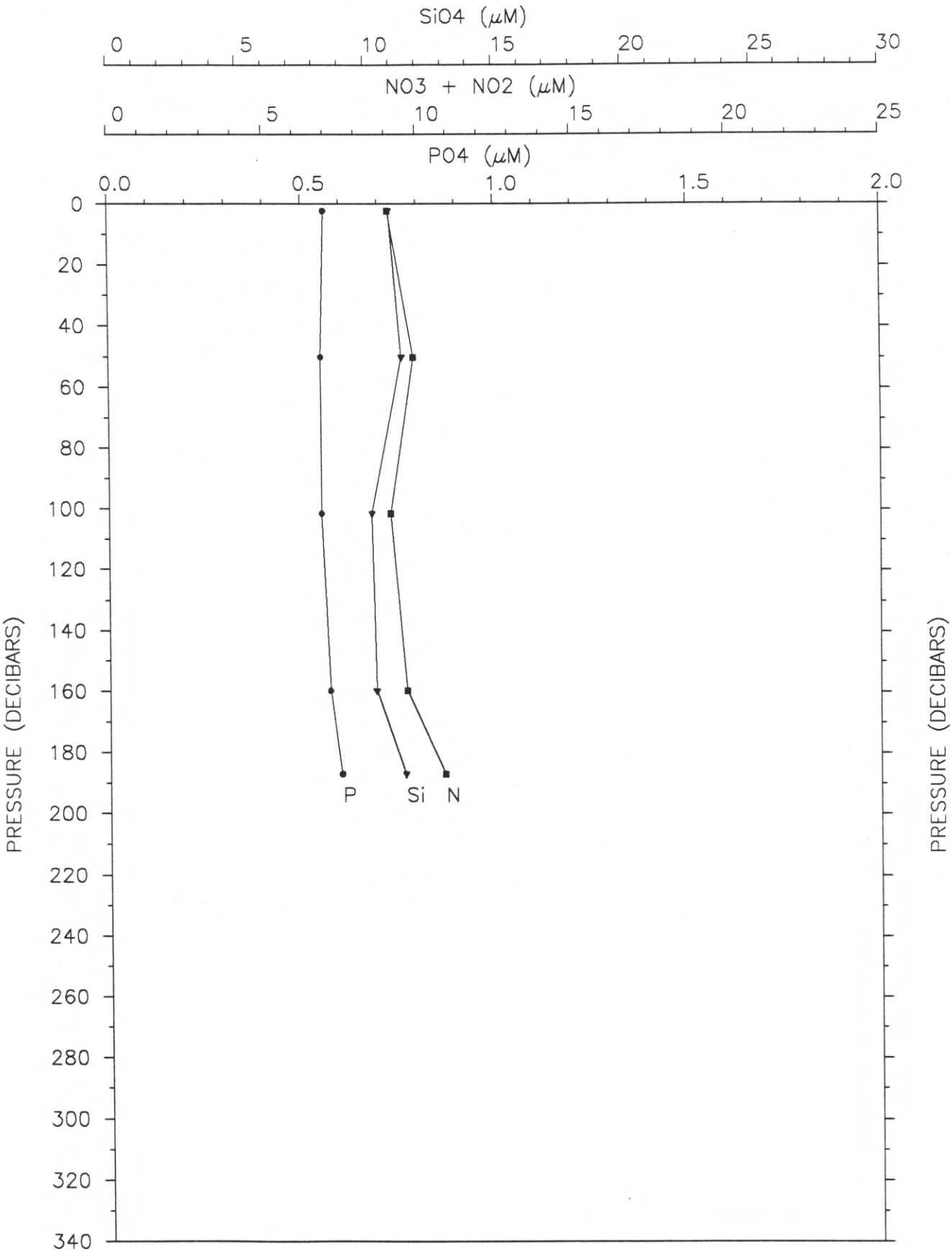


CRUISE: OC181
8 FEB 87
05: 15: 00 GMT

STATION: 41
42 24.97 N
70 14.12 W

0C181A CAST #42

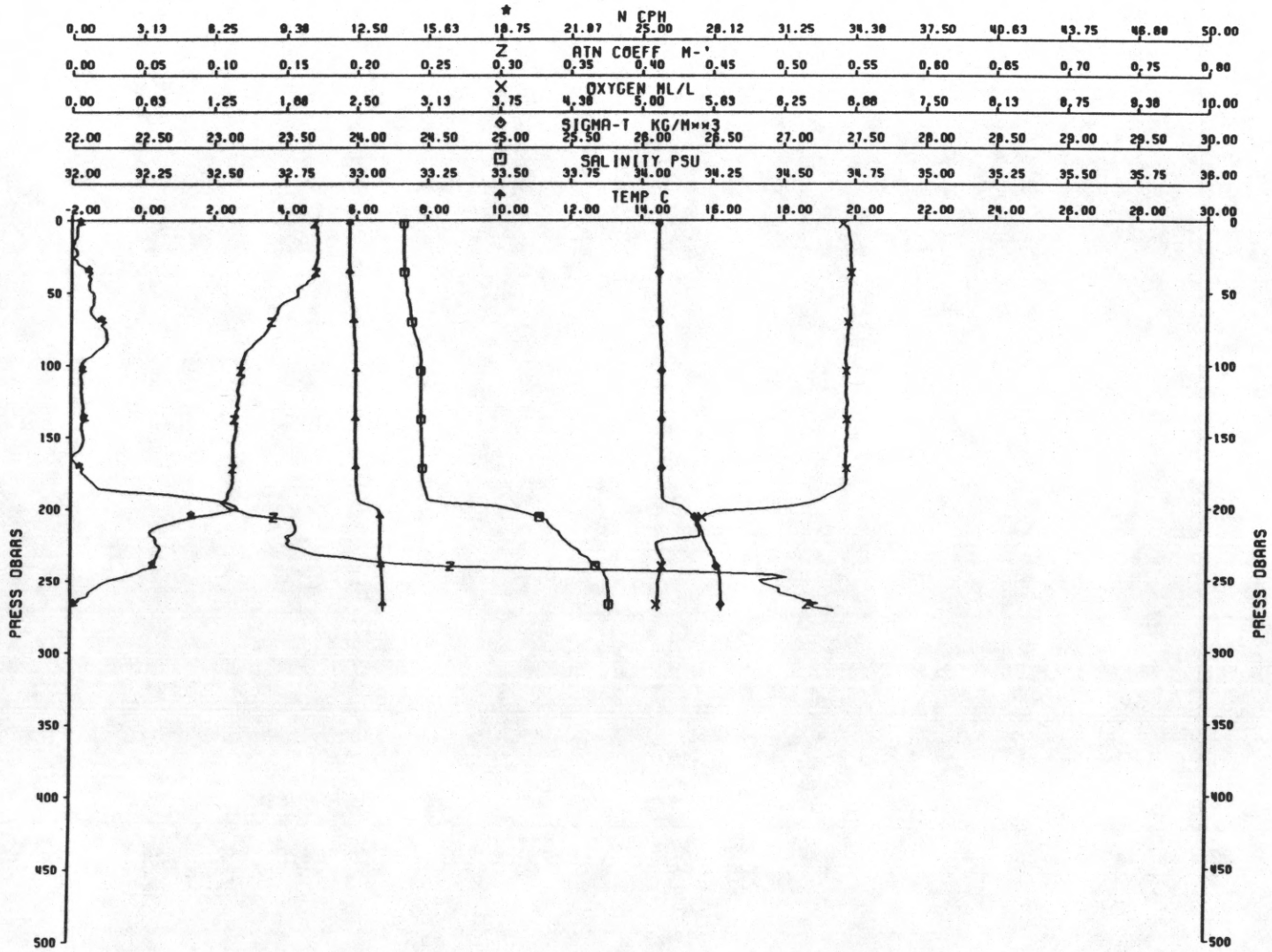


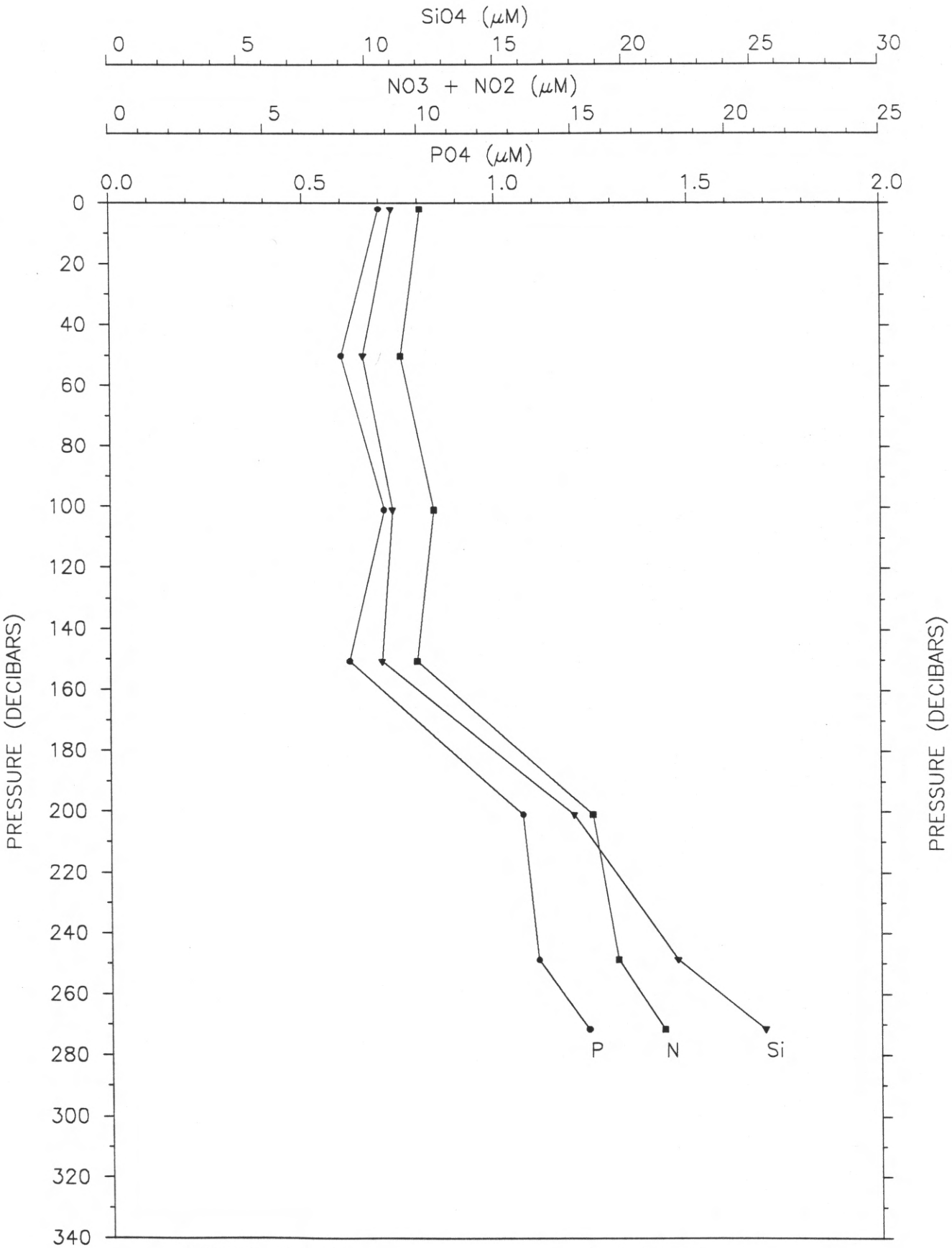


CRUISE: OC181
8 FEB 87
06: 37: 30 GMT

STATION: 42
42 26.99 N
70 00.01 W

OC181B CAST #43

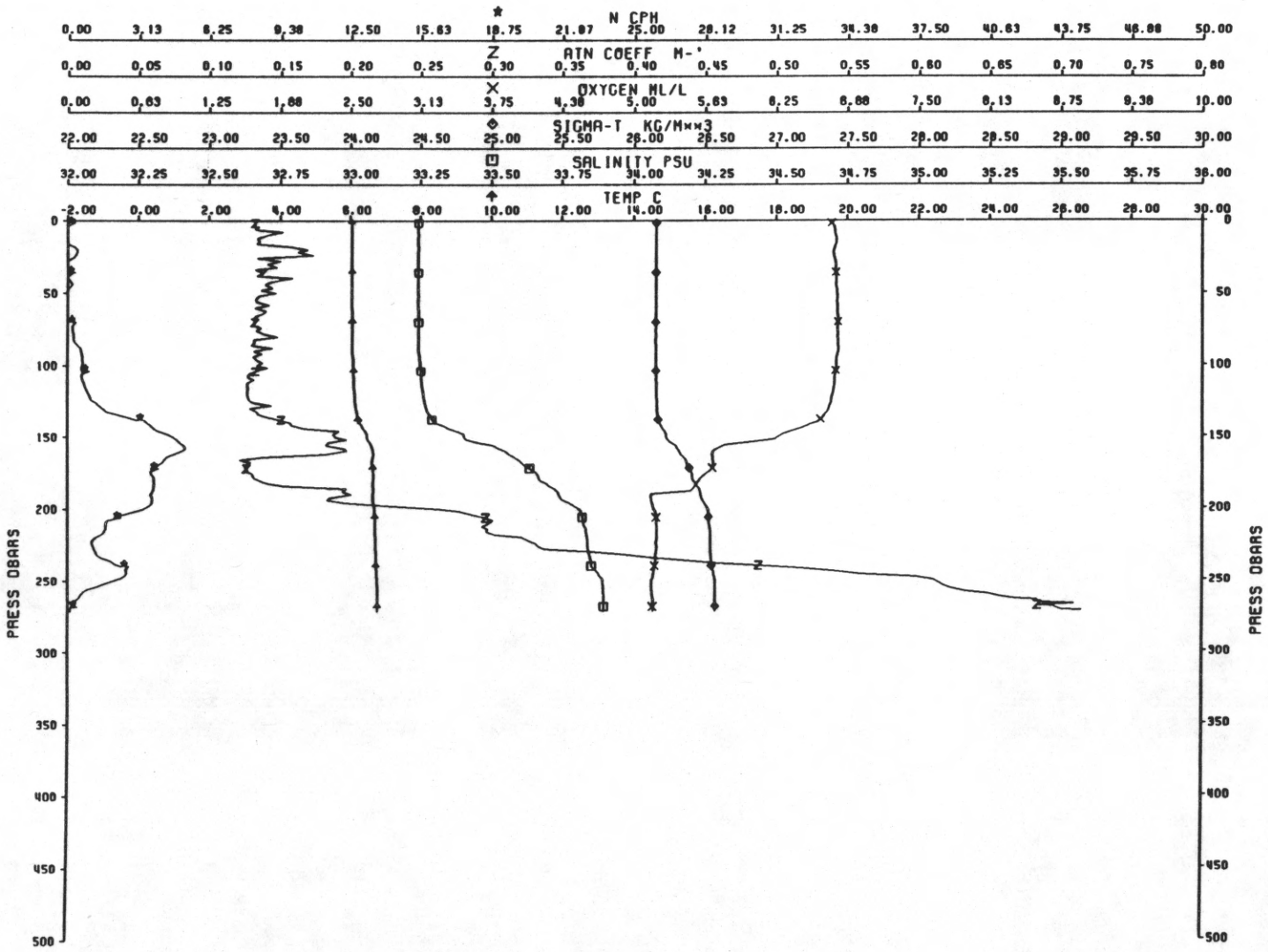


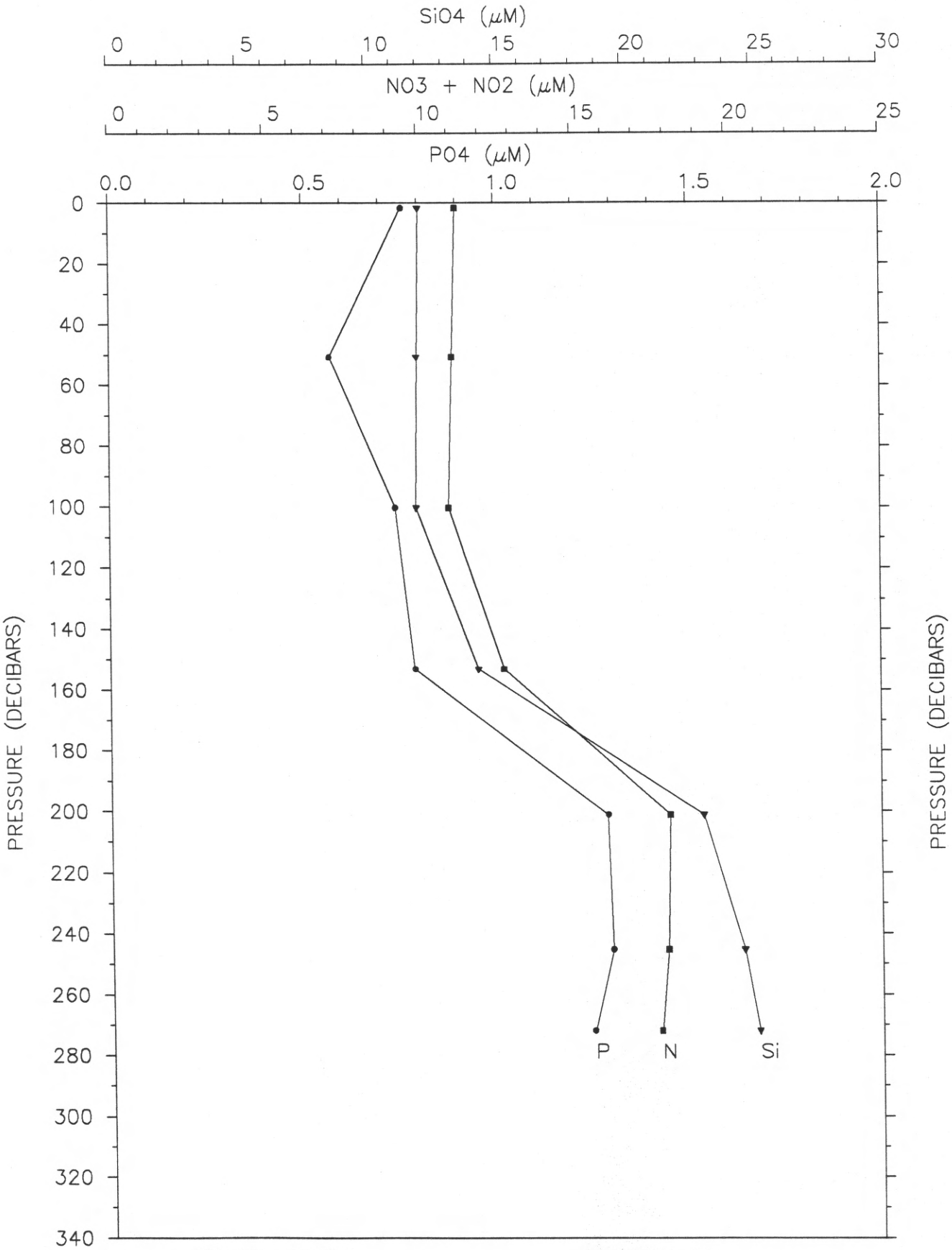


CRUISE: OC181
8 FEB 87
08: 00: 00 GMT

STATION: 43
42 29.01 N
69 45.03 W

ØC181B CAST #44

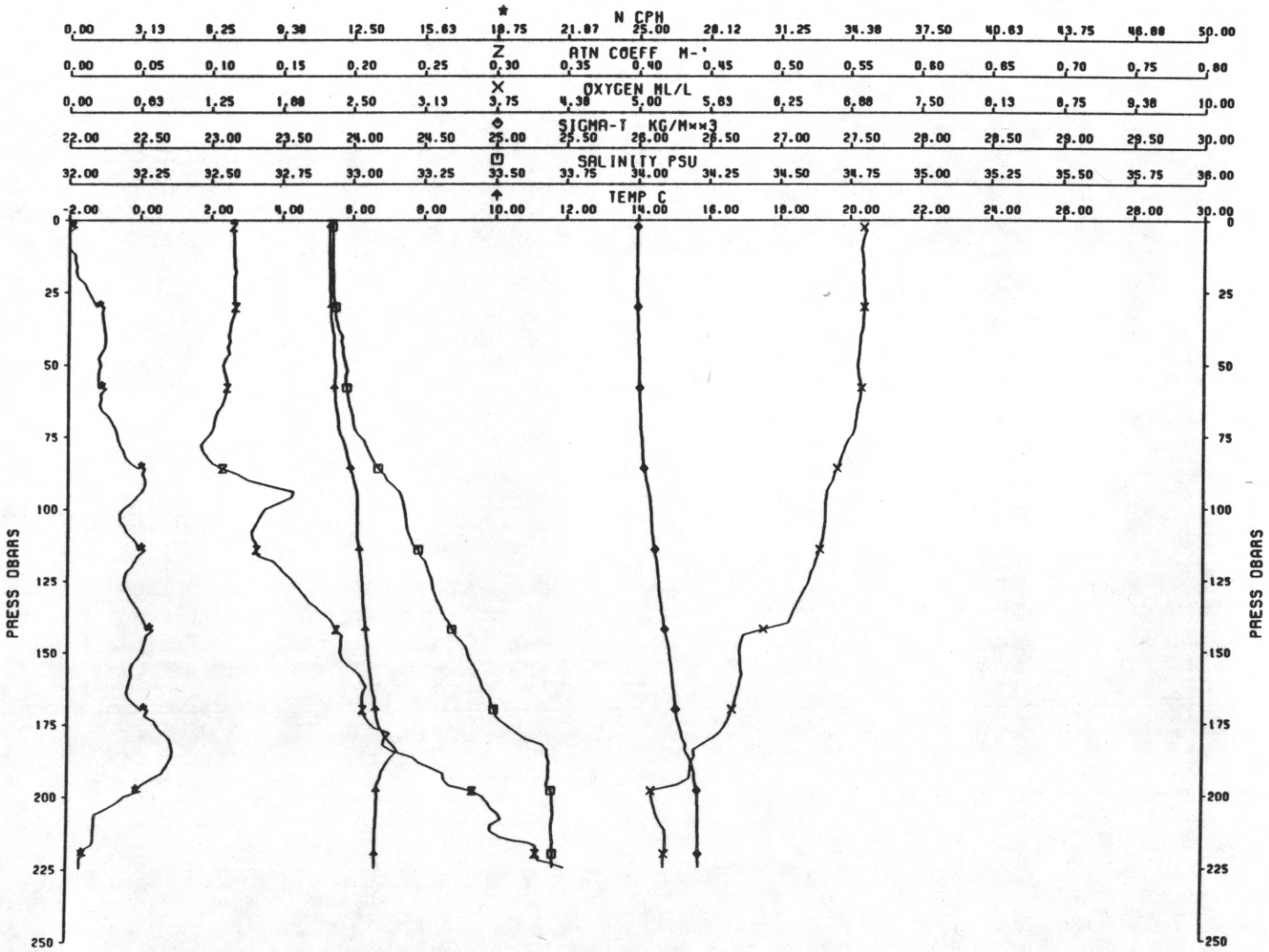


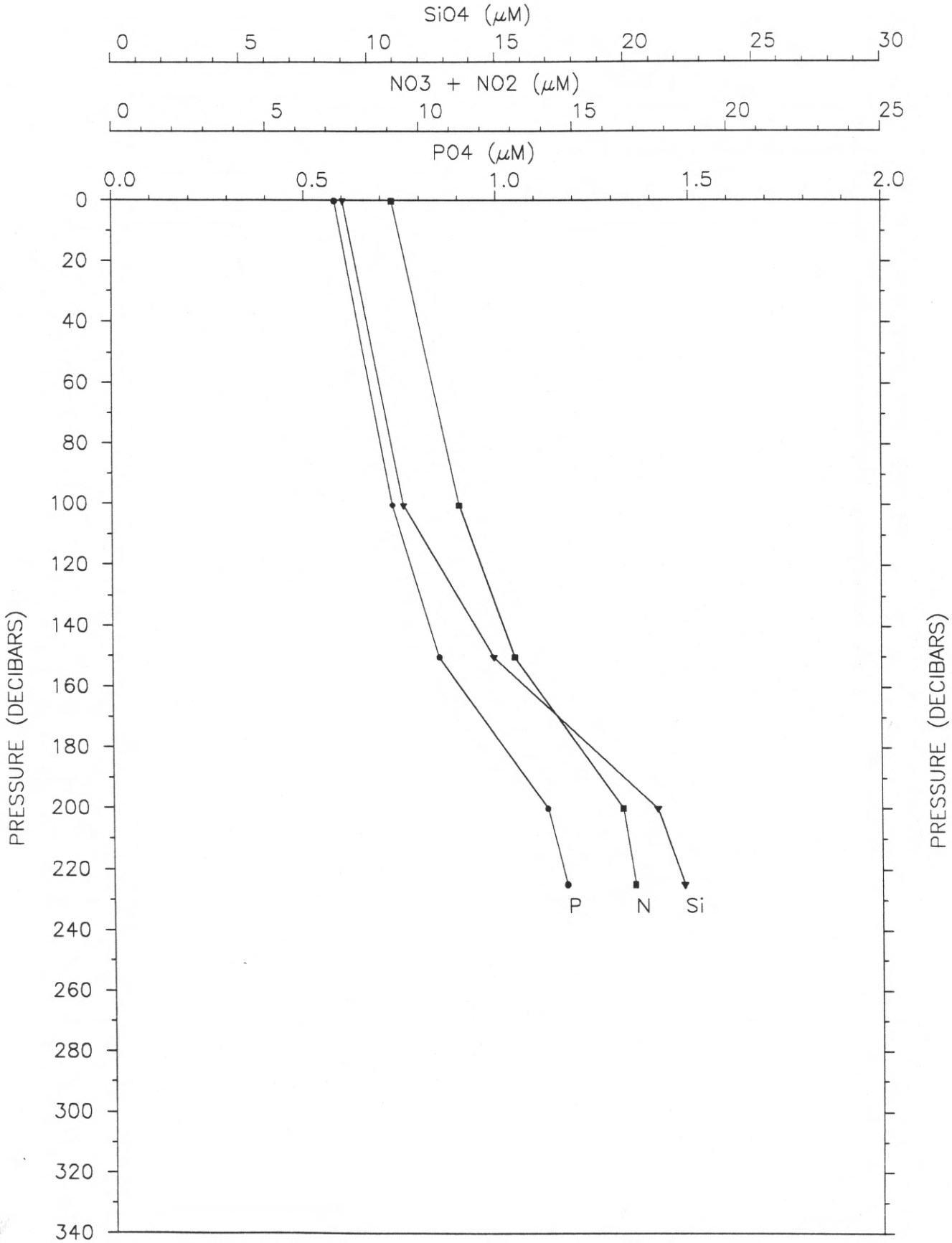


CRUISE: OC181
8 FEB 87
09: 52: 30 GMT

STATION: 44
42 31.04 N
69 29.54 W

OC181A CAST #45

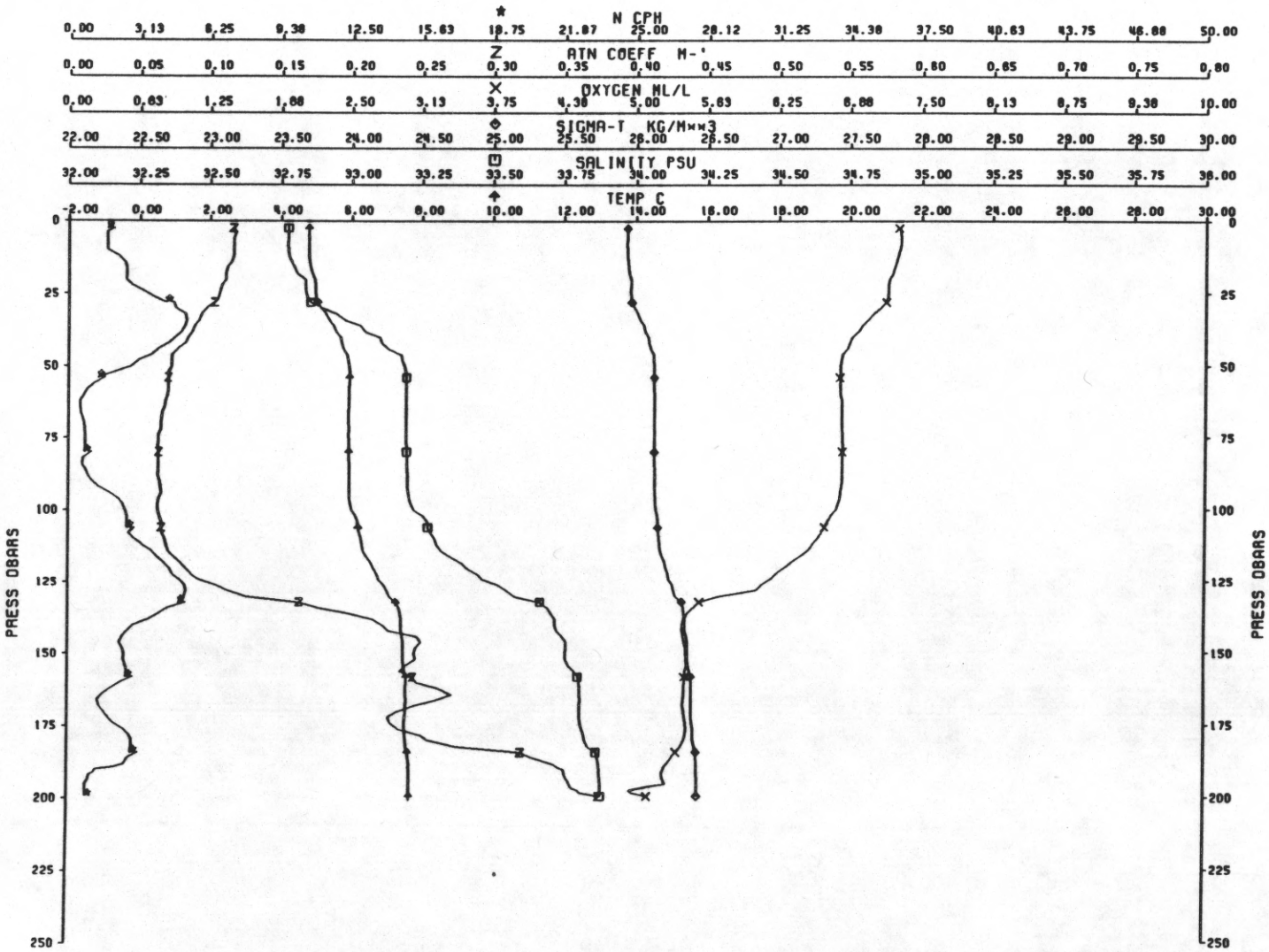


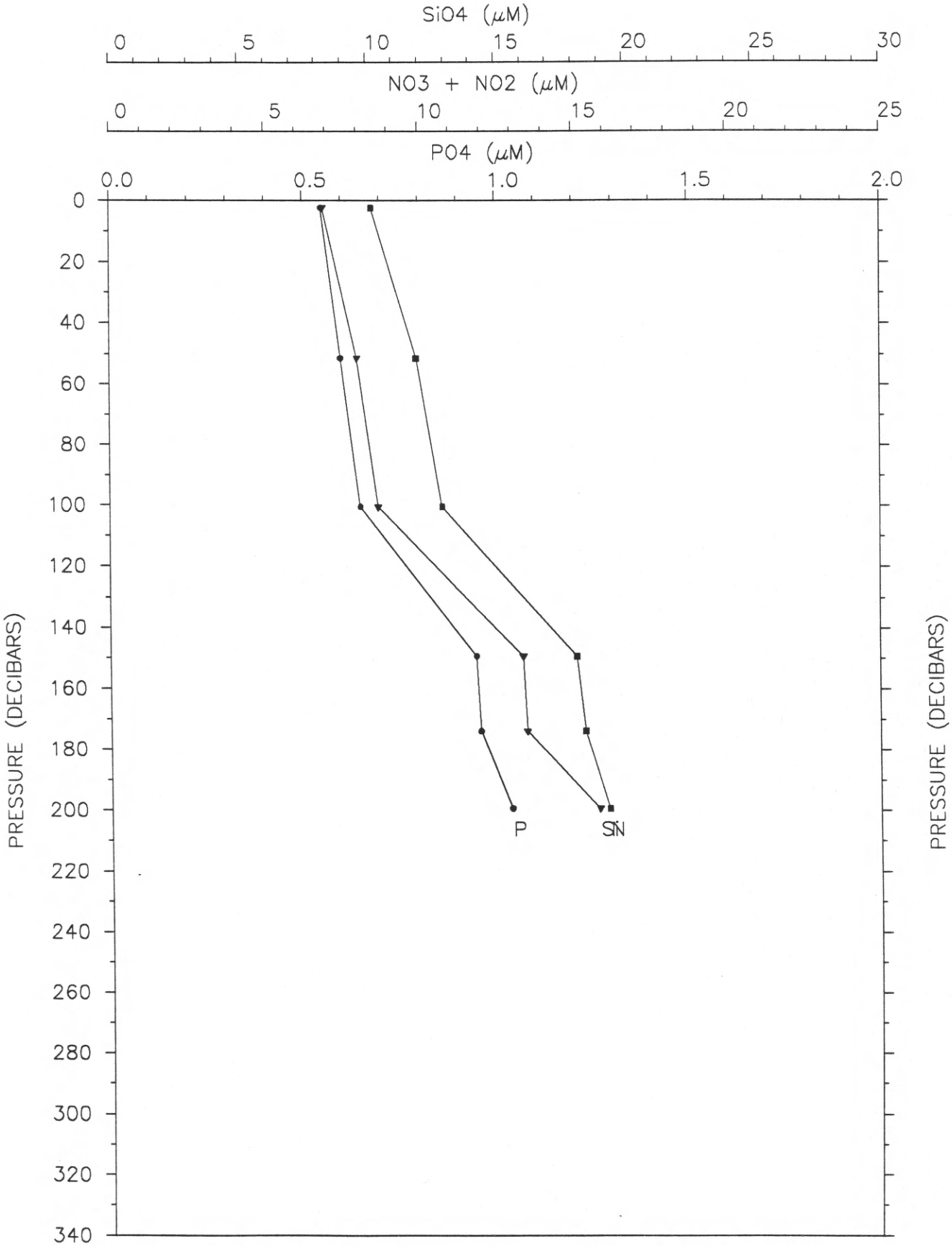


CRUISE: OC181
8 FEB 87
11: 37: 30 GMT

STATION: 45
42 33.00 N
69 14.93 W

0C181A CAST #46

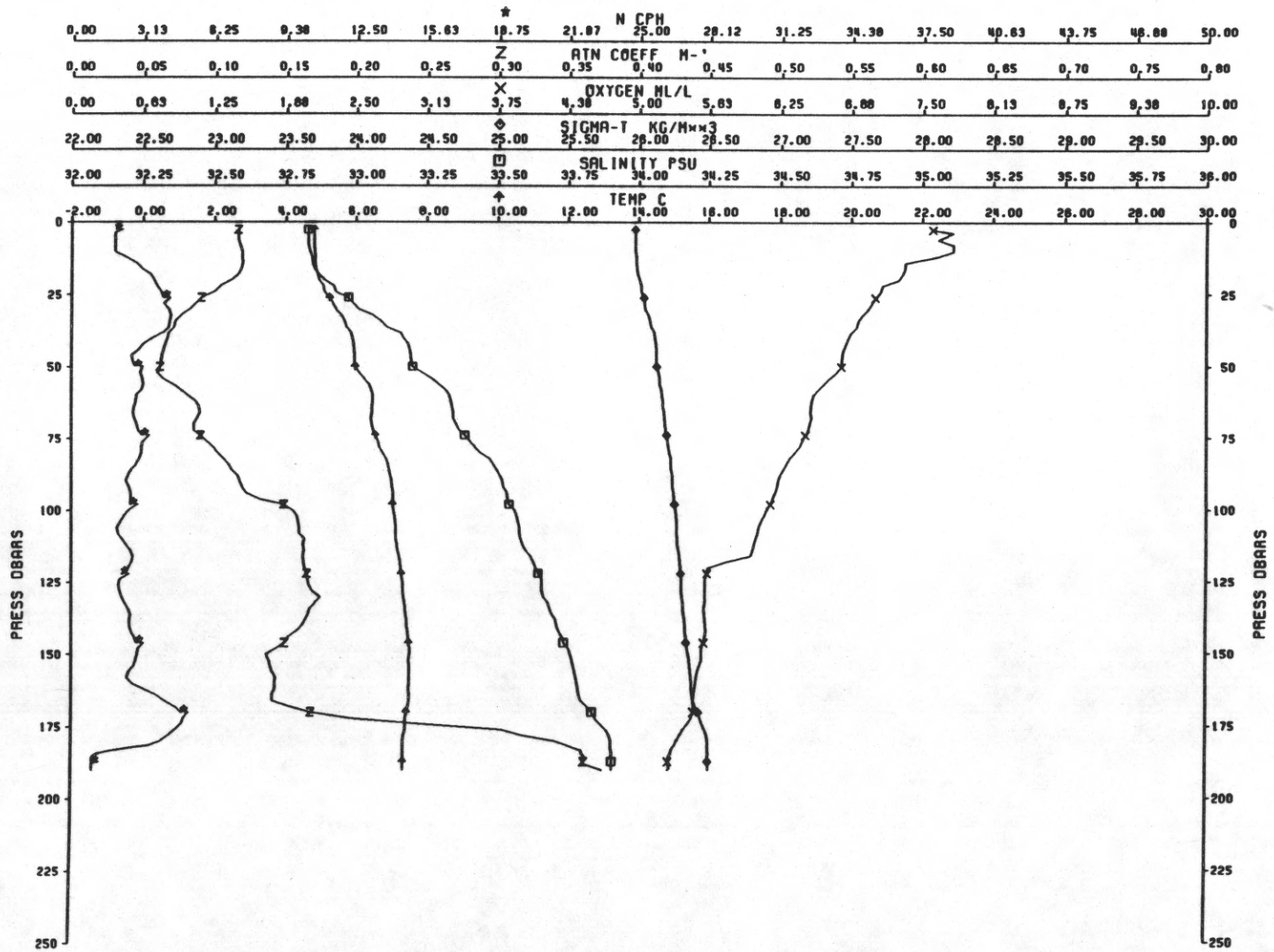




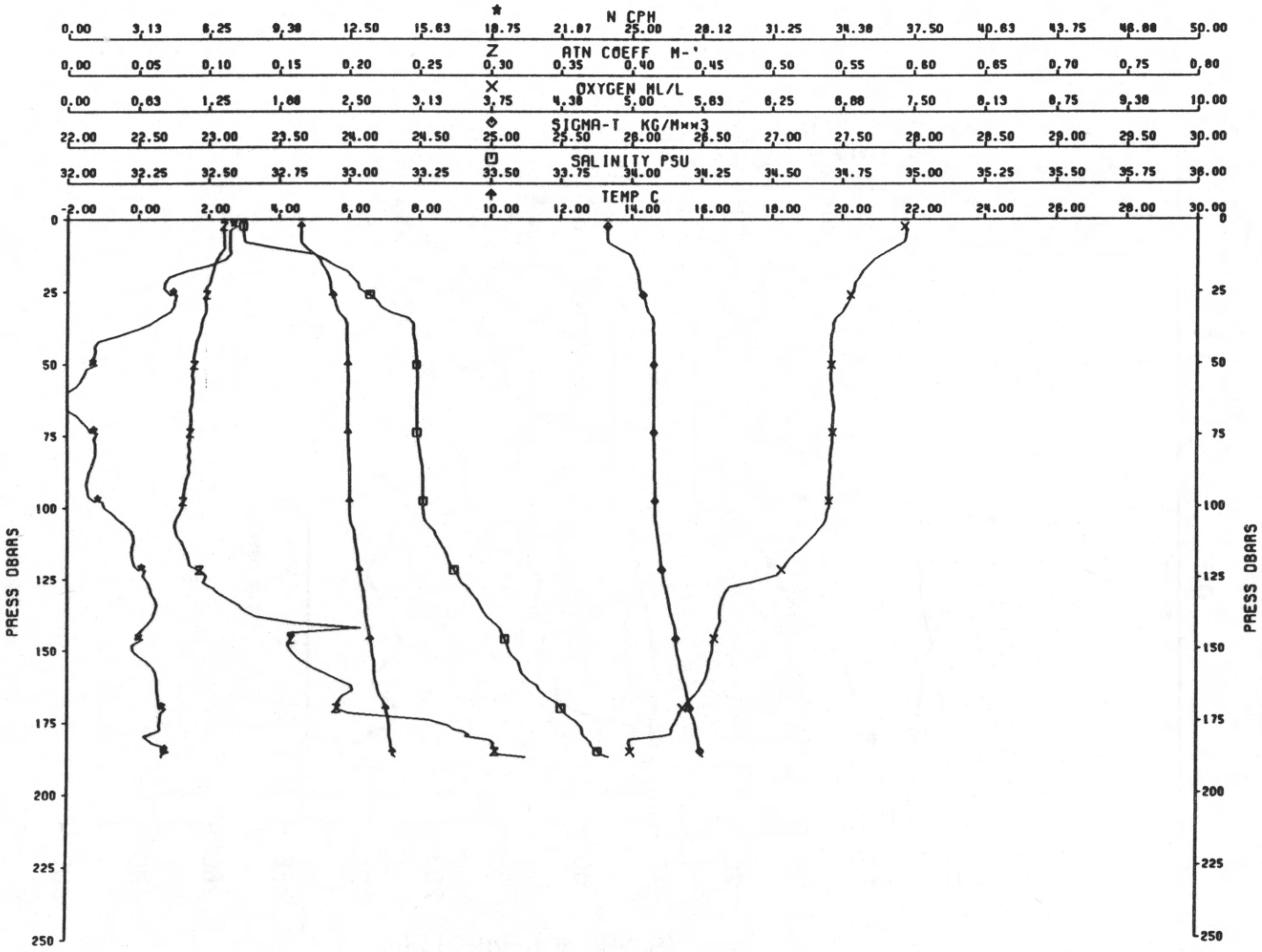
CRUISE: OC181
8 FEB 87
14: 07: 30 GMT

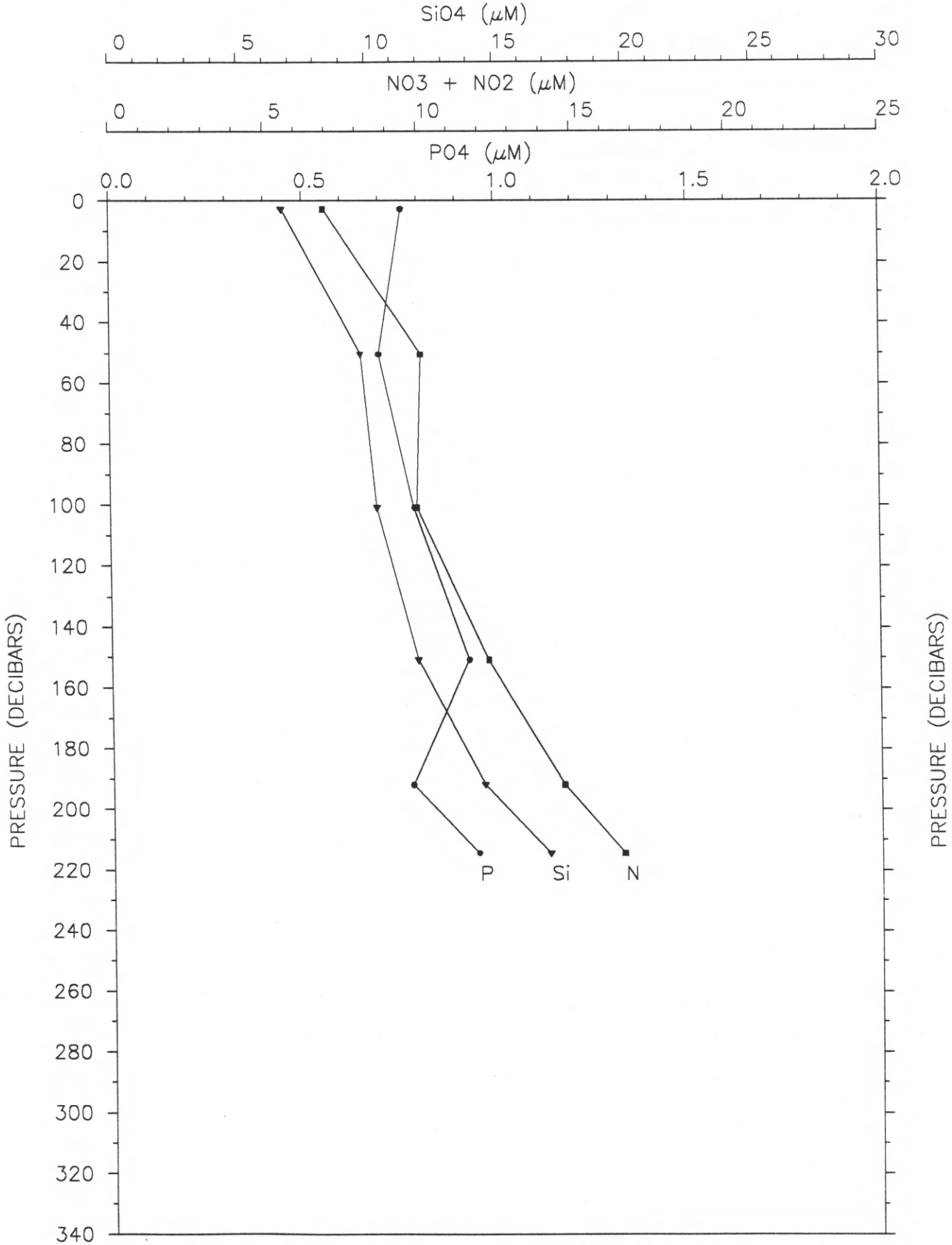
STATION: 46
42 34.44 N
68 59.01 W

OC181B CAST #47



OC181A CAST #49

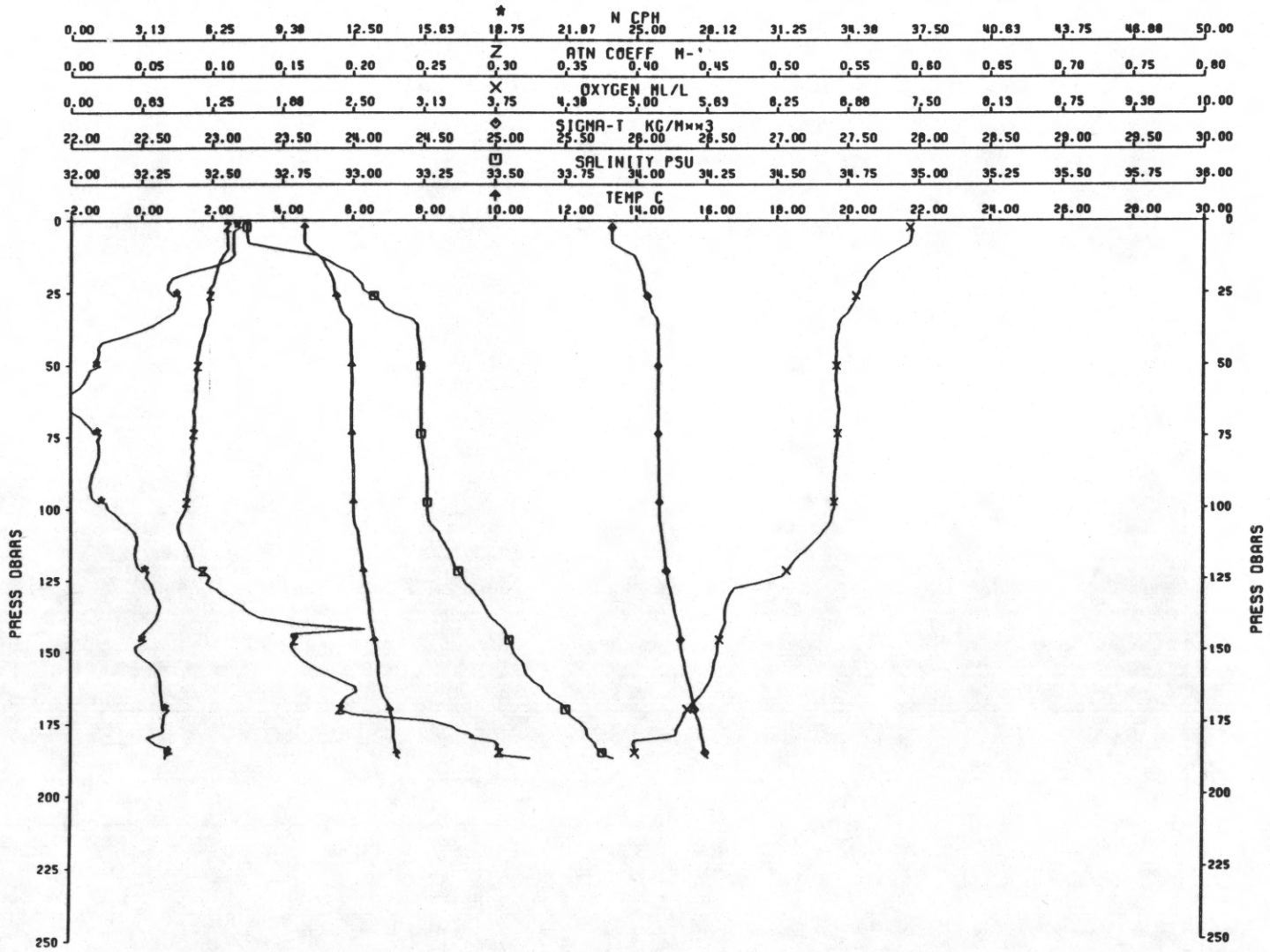


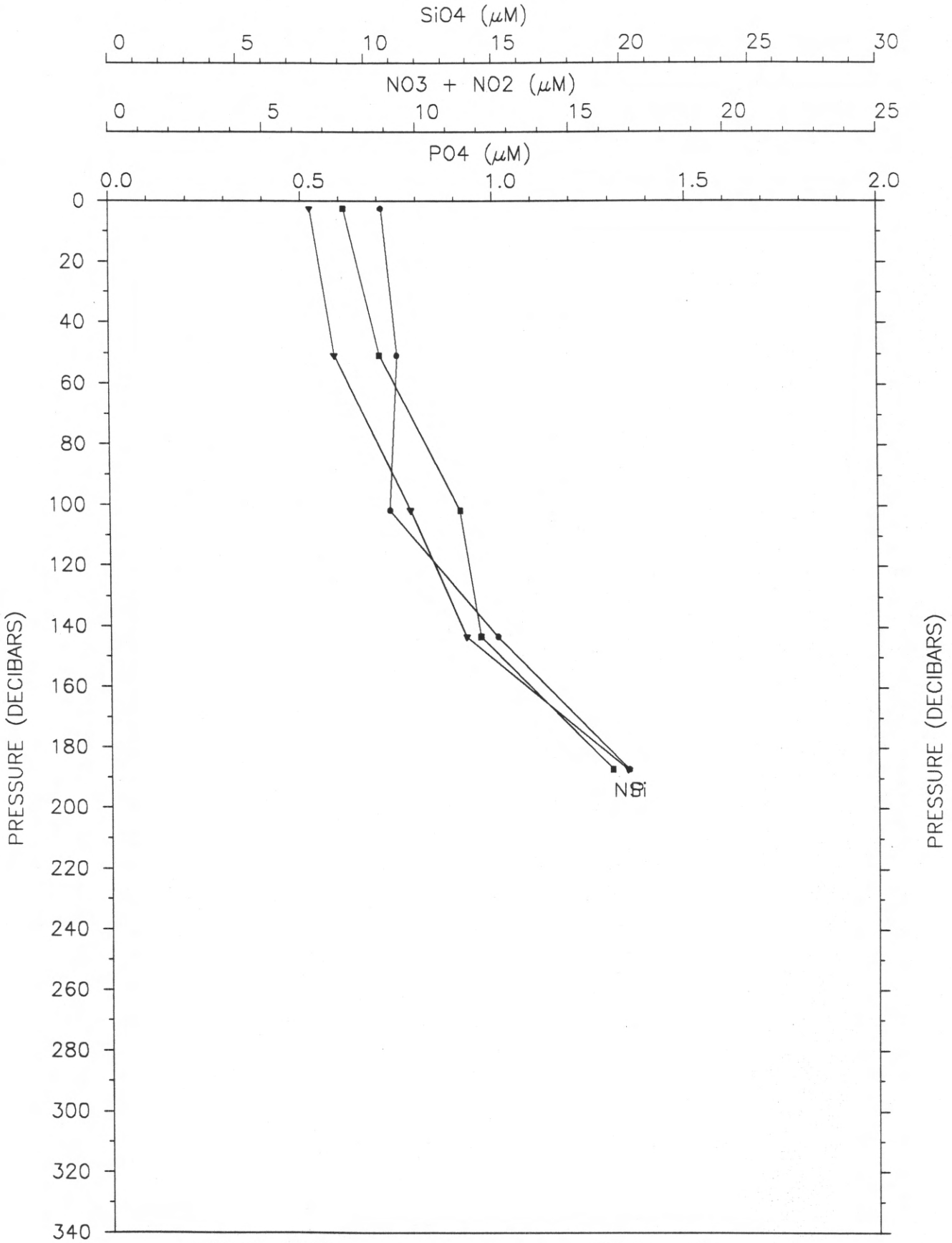


CRUISE: OC181
8 FEB 87
19: 00: 00 GMT

STATION: 48
42 35.05 N
68 30.11 W

OC181A CAST #49

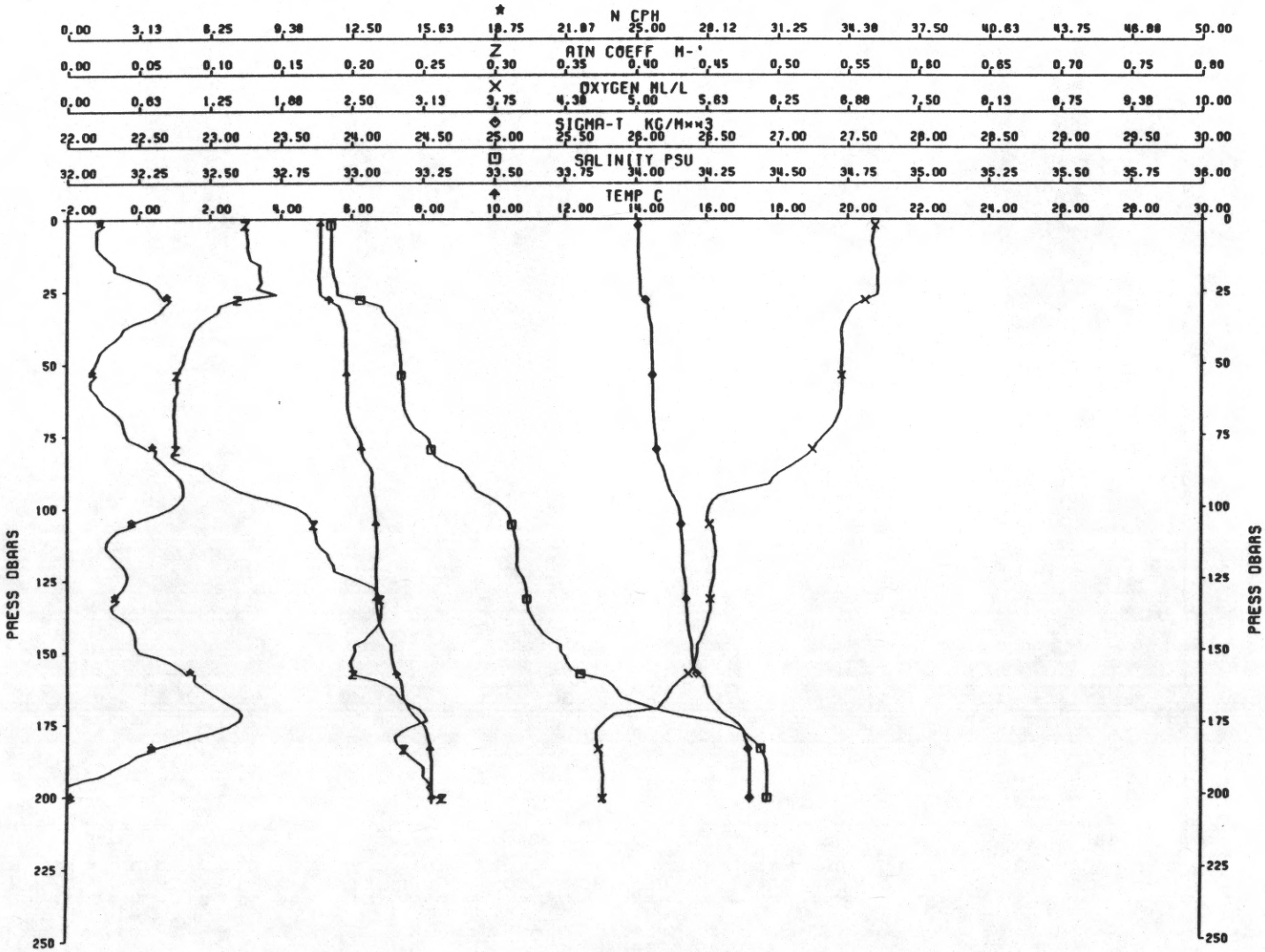


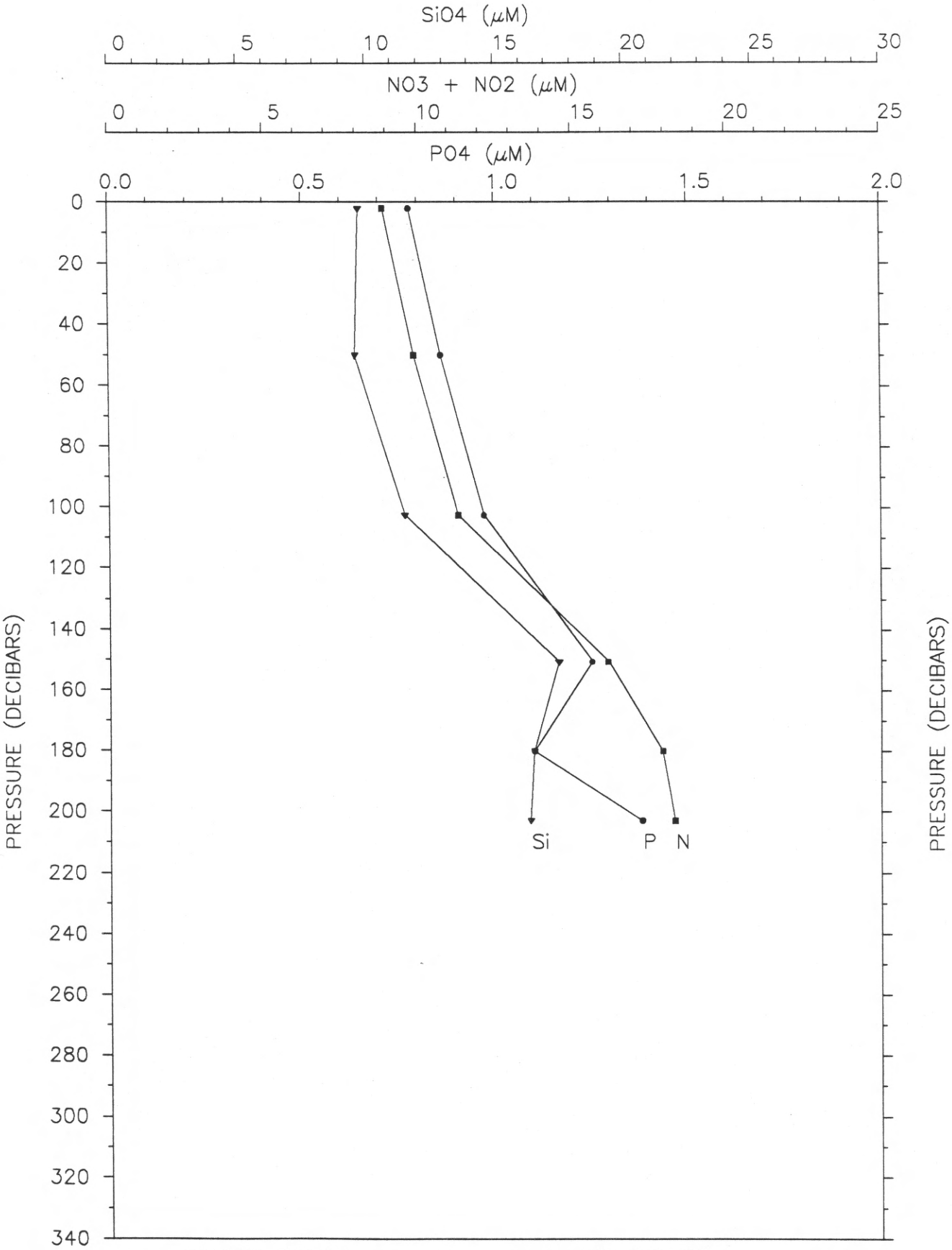


CRUISE: OC181
8 FEB 87
20: 30: 00 GMT

STATION: 49
42 34.57 N
68 14.95 W

0C181A CAST #50

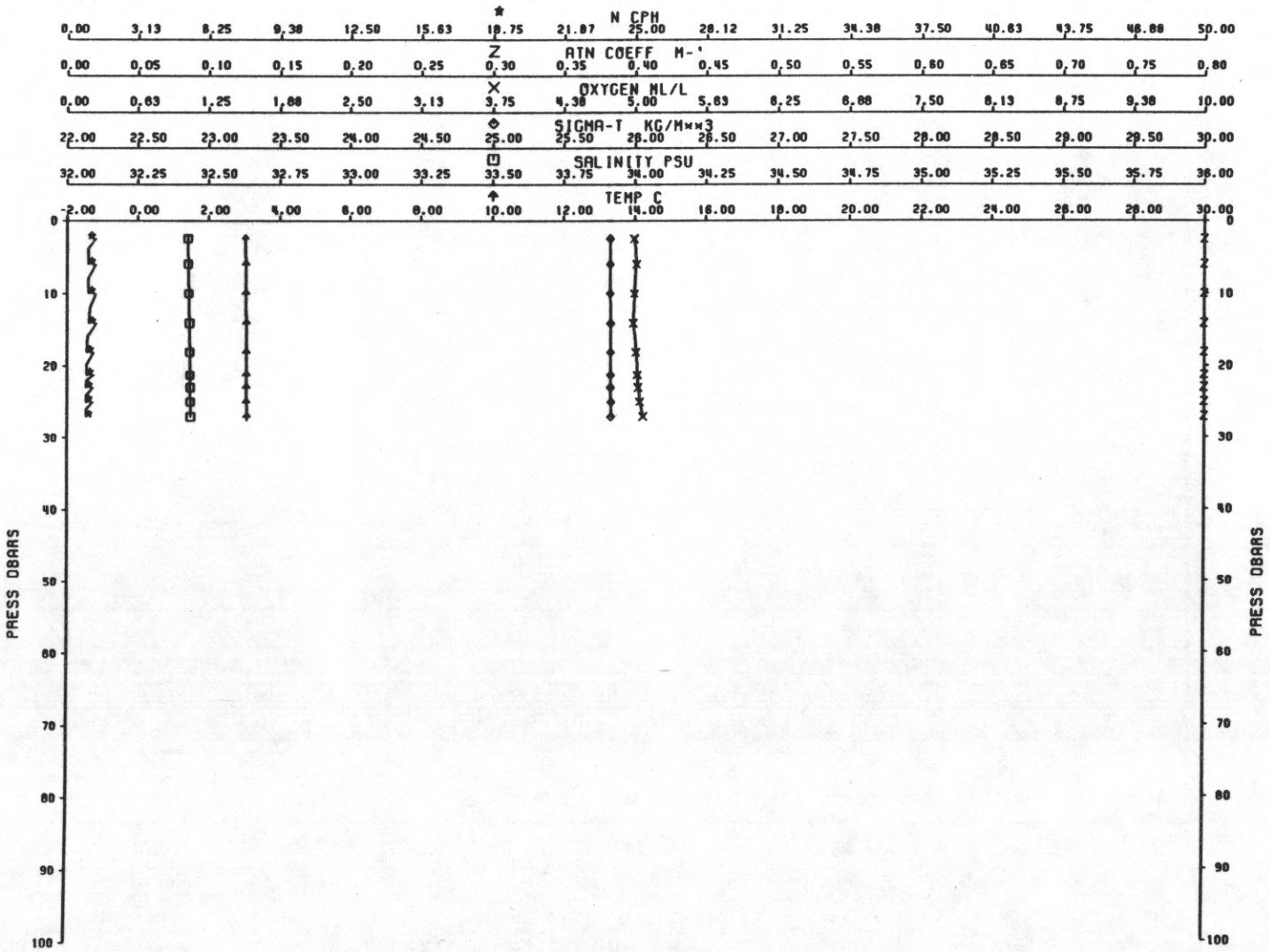




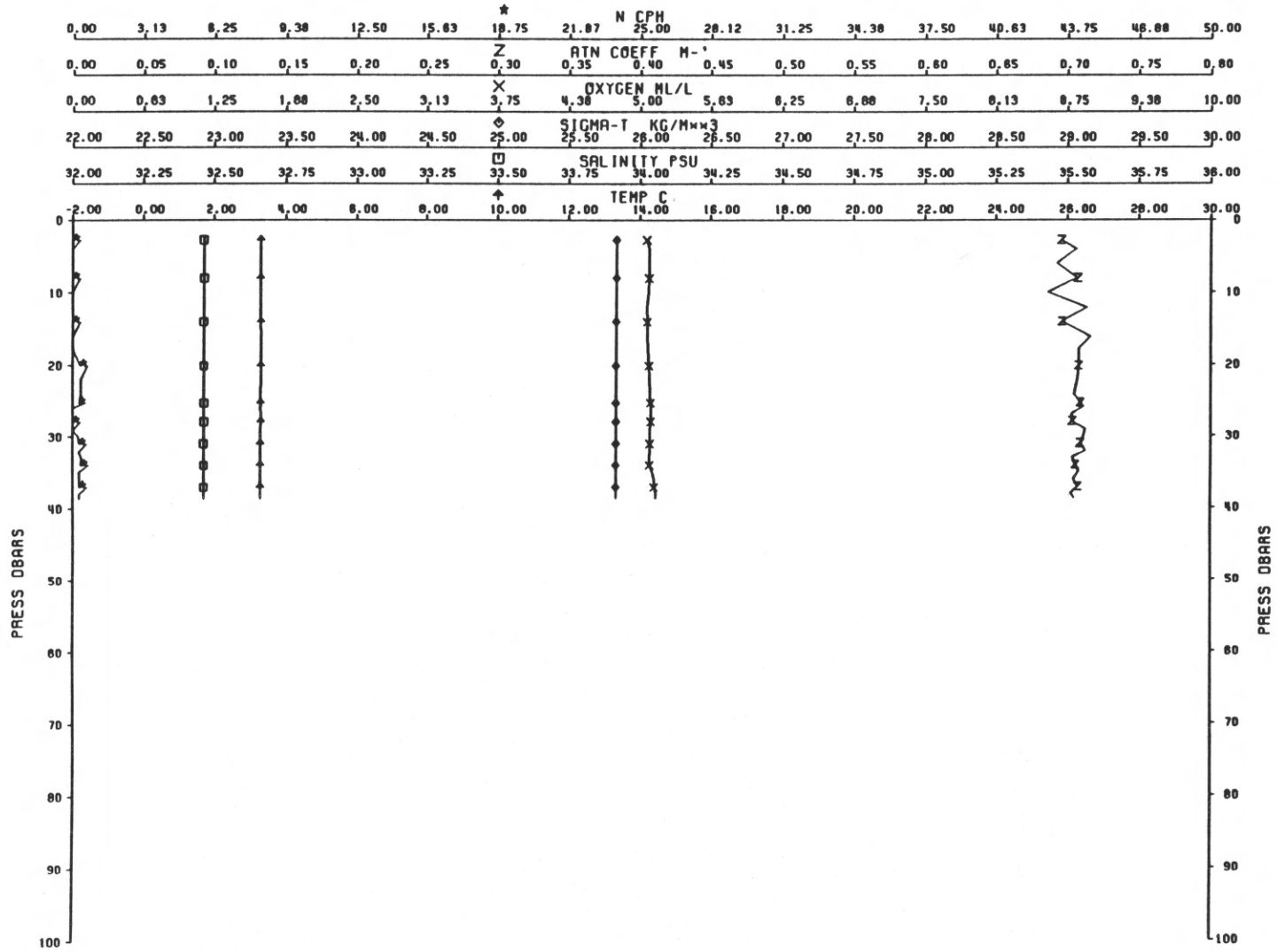
CRUISE: OC181
8 FEB 87
22: 00: 00 GMT

STATION: 50
42 33.46 N
68 00.04 W

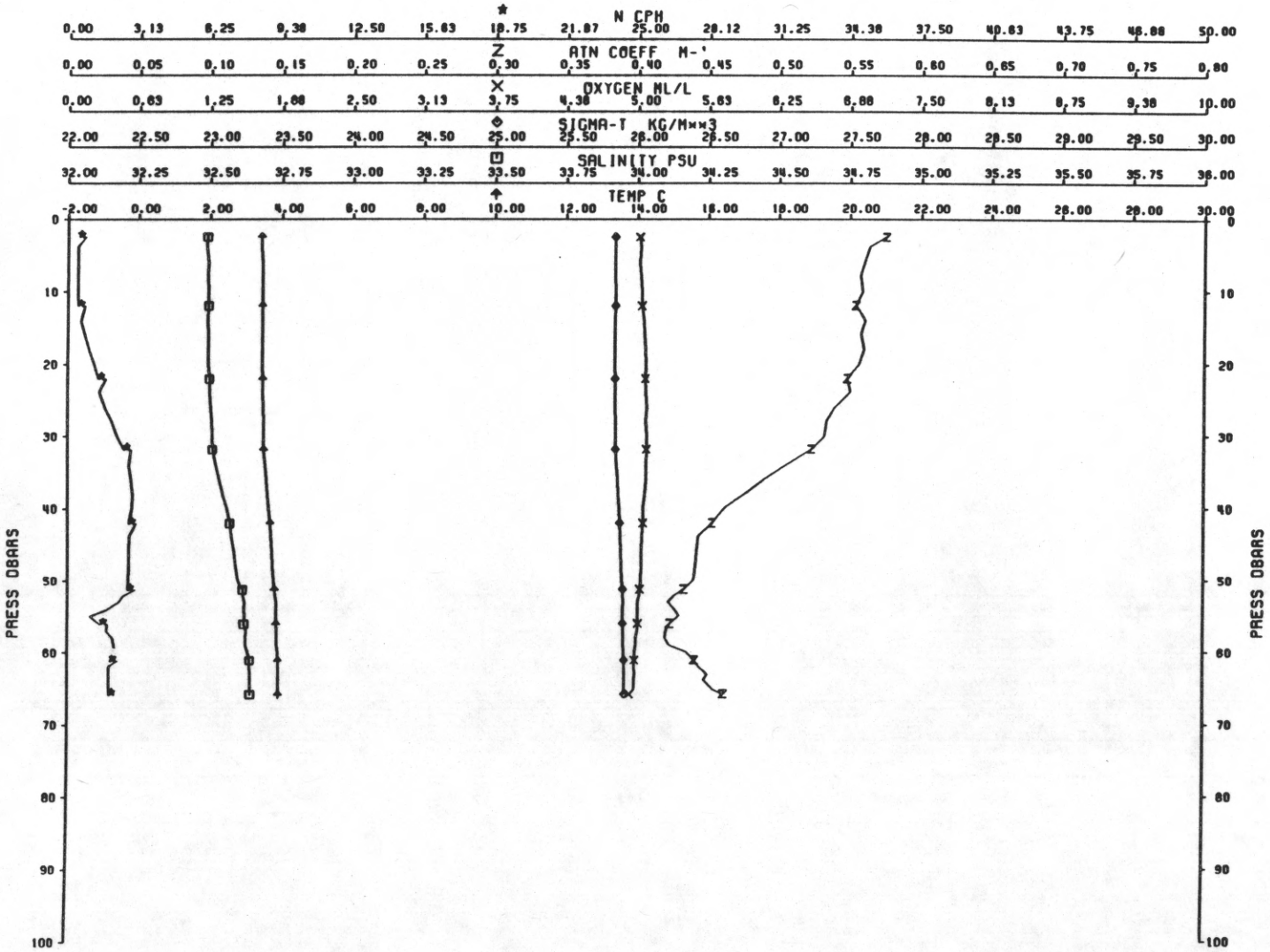
0C181A CAST #51



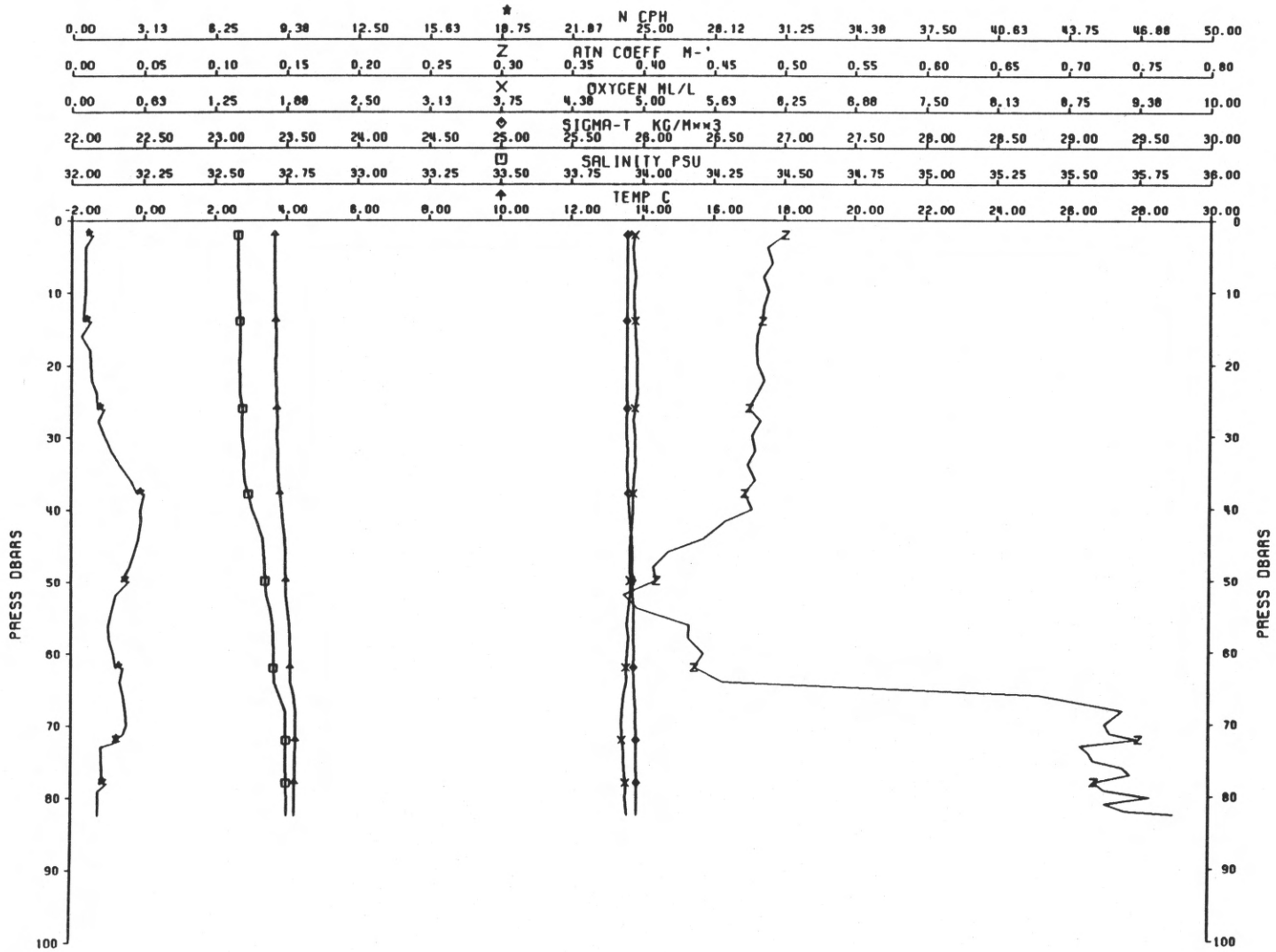
OC181A CAST #52



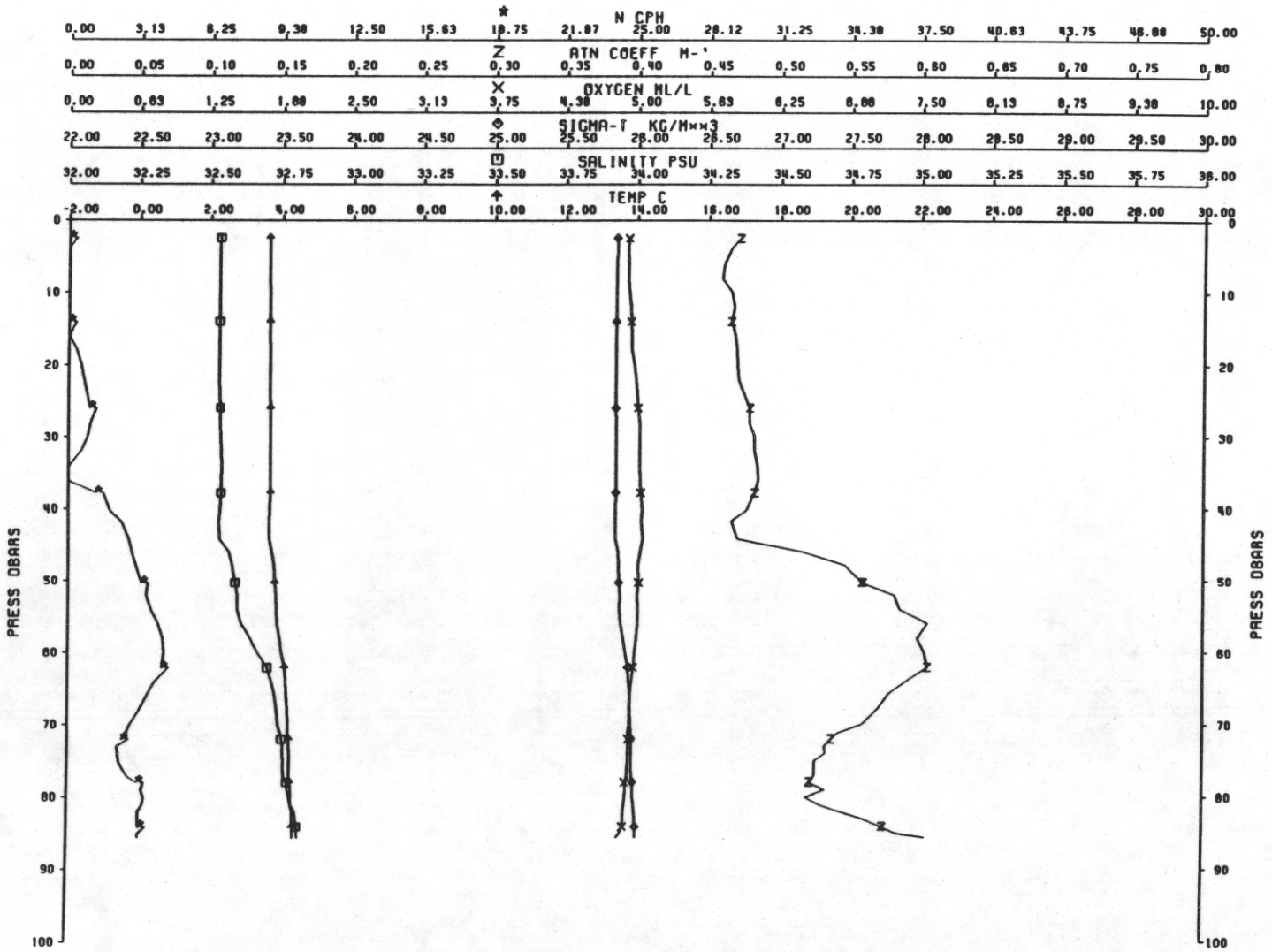
0C181A CAST #53



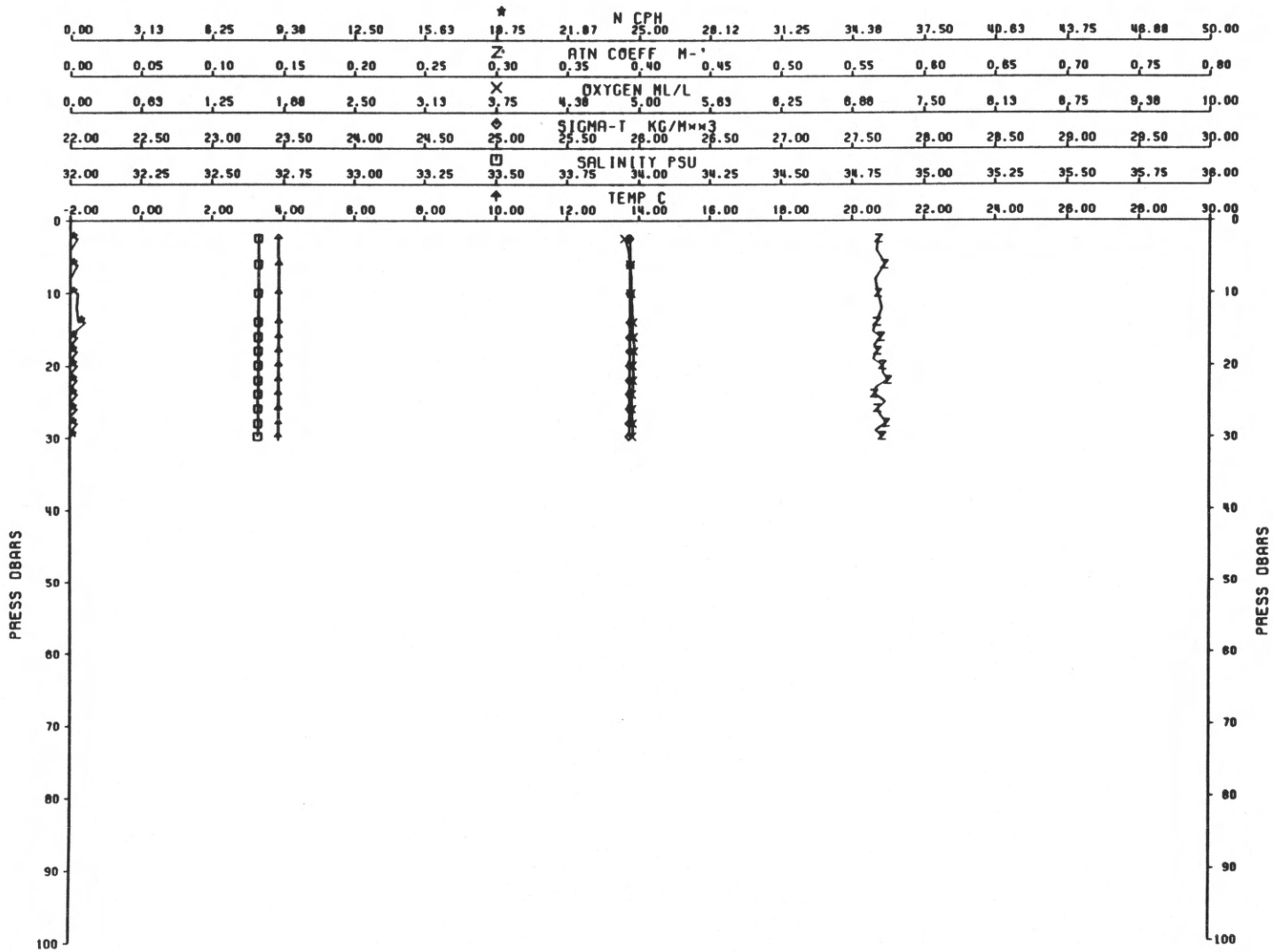
0C181A CAST #54



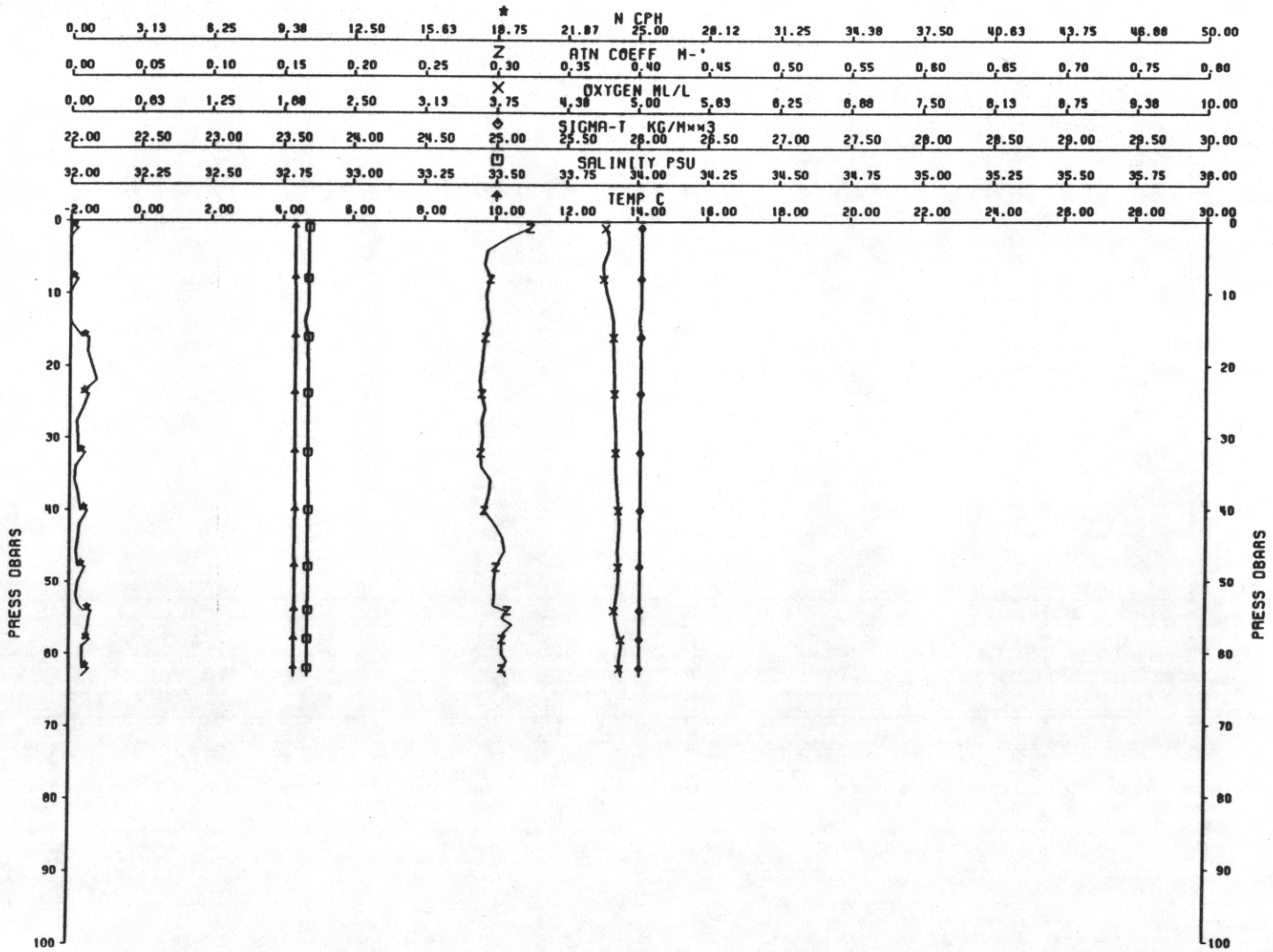
OC181A CAST #55



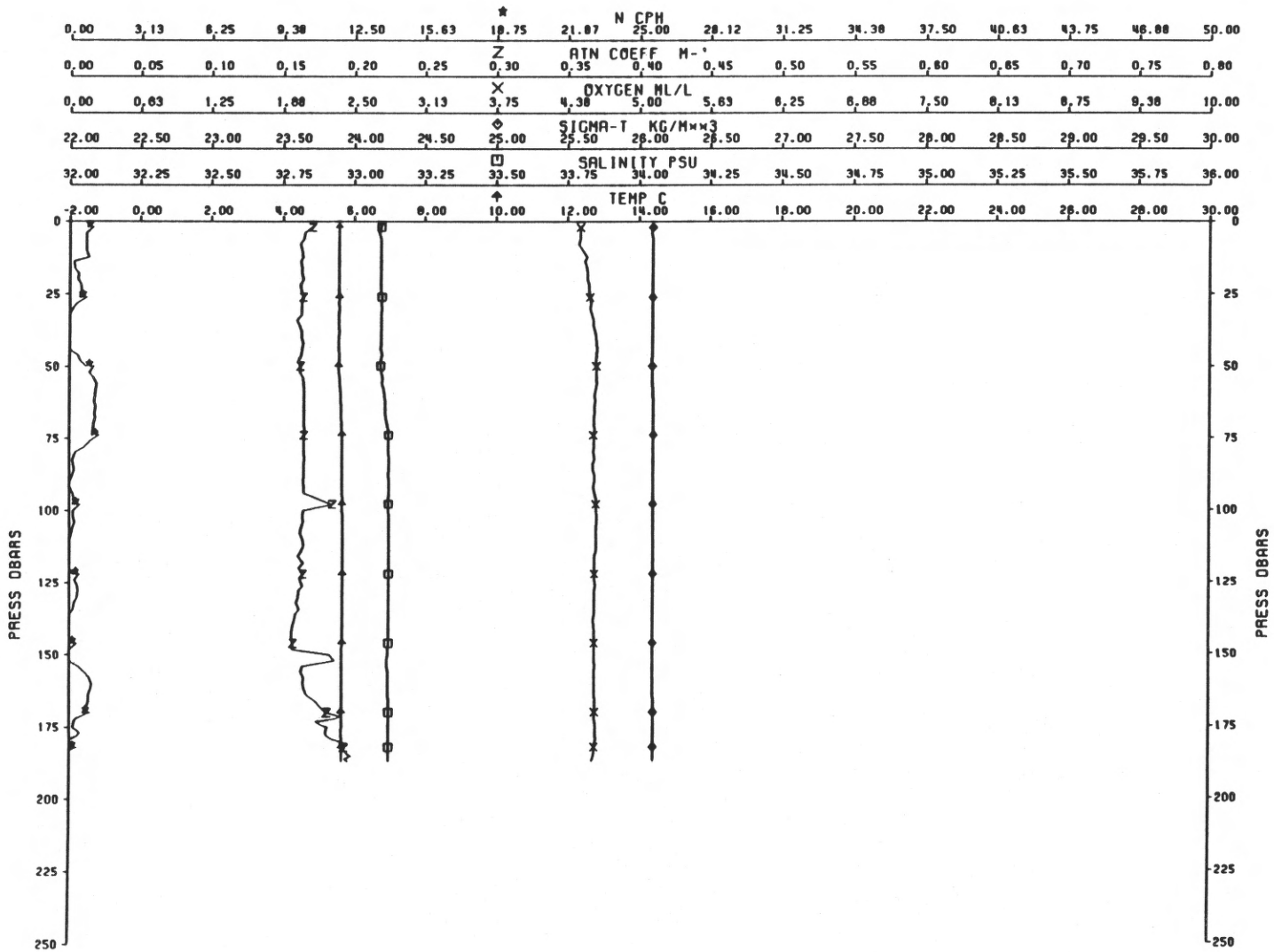
0C181A CAST #56



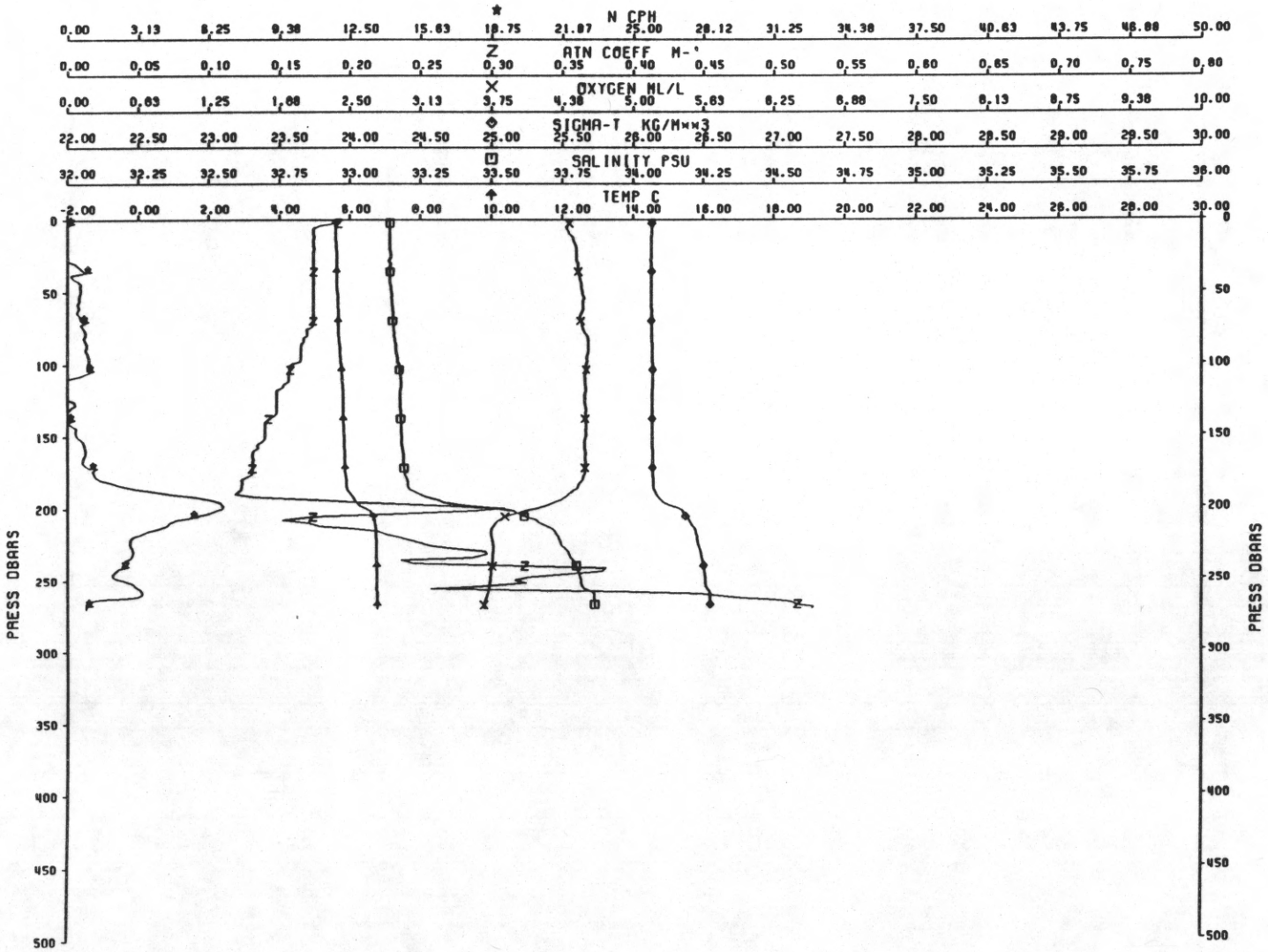
OC181B CAST #57



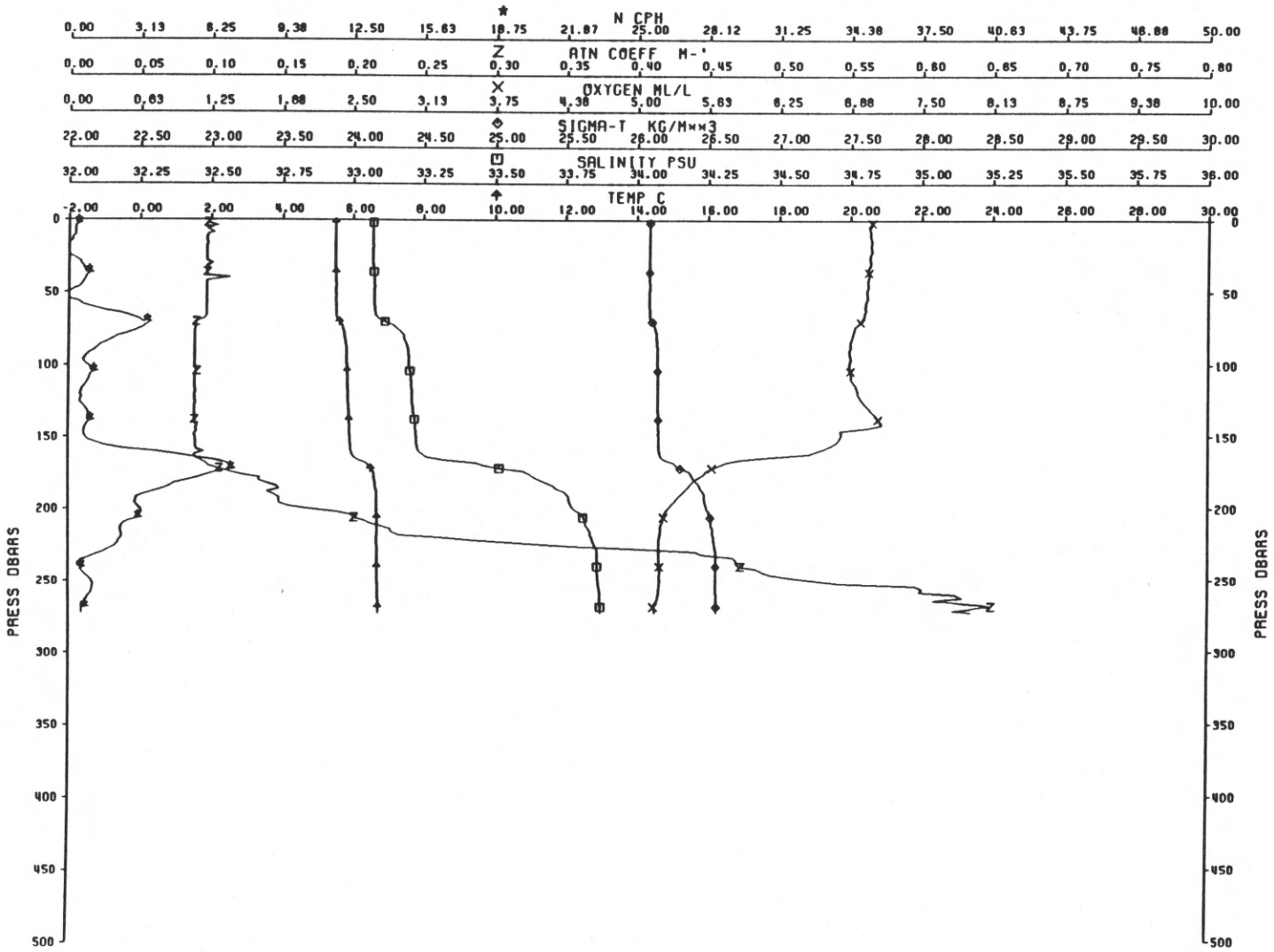
OC181A CAST #58



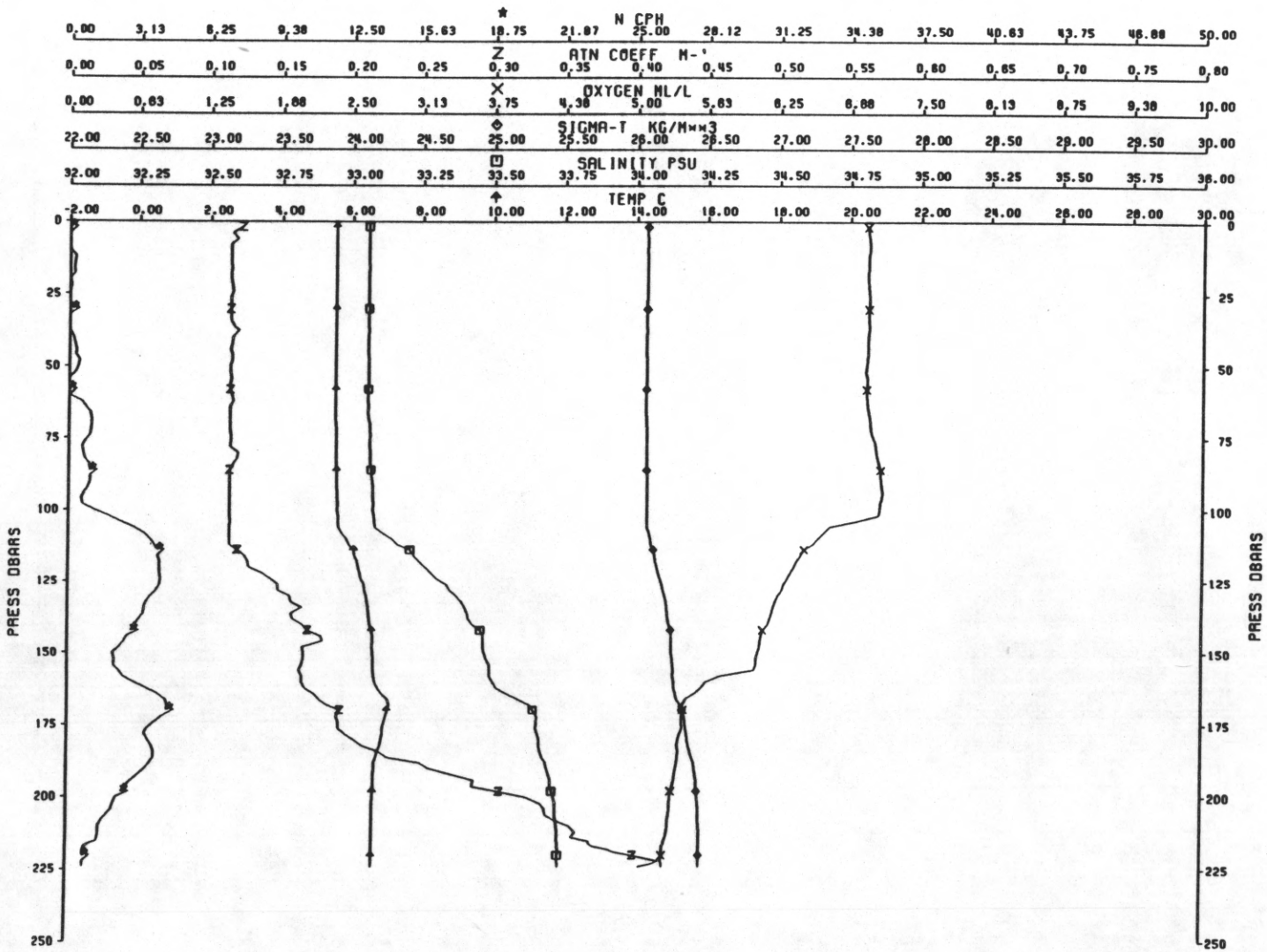
OC181B CAST #59



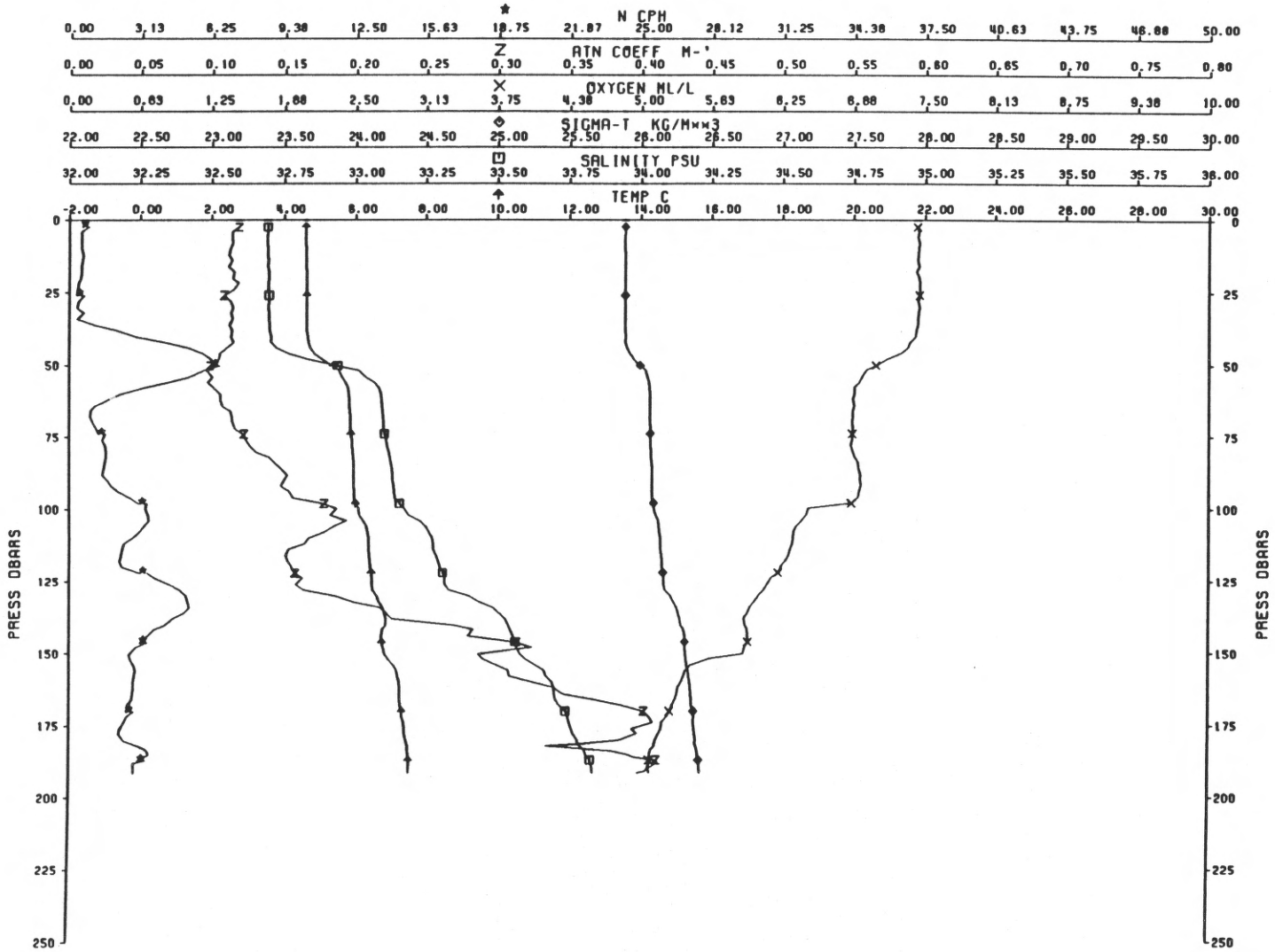
0C181U CAST #60



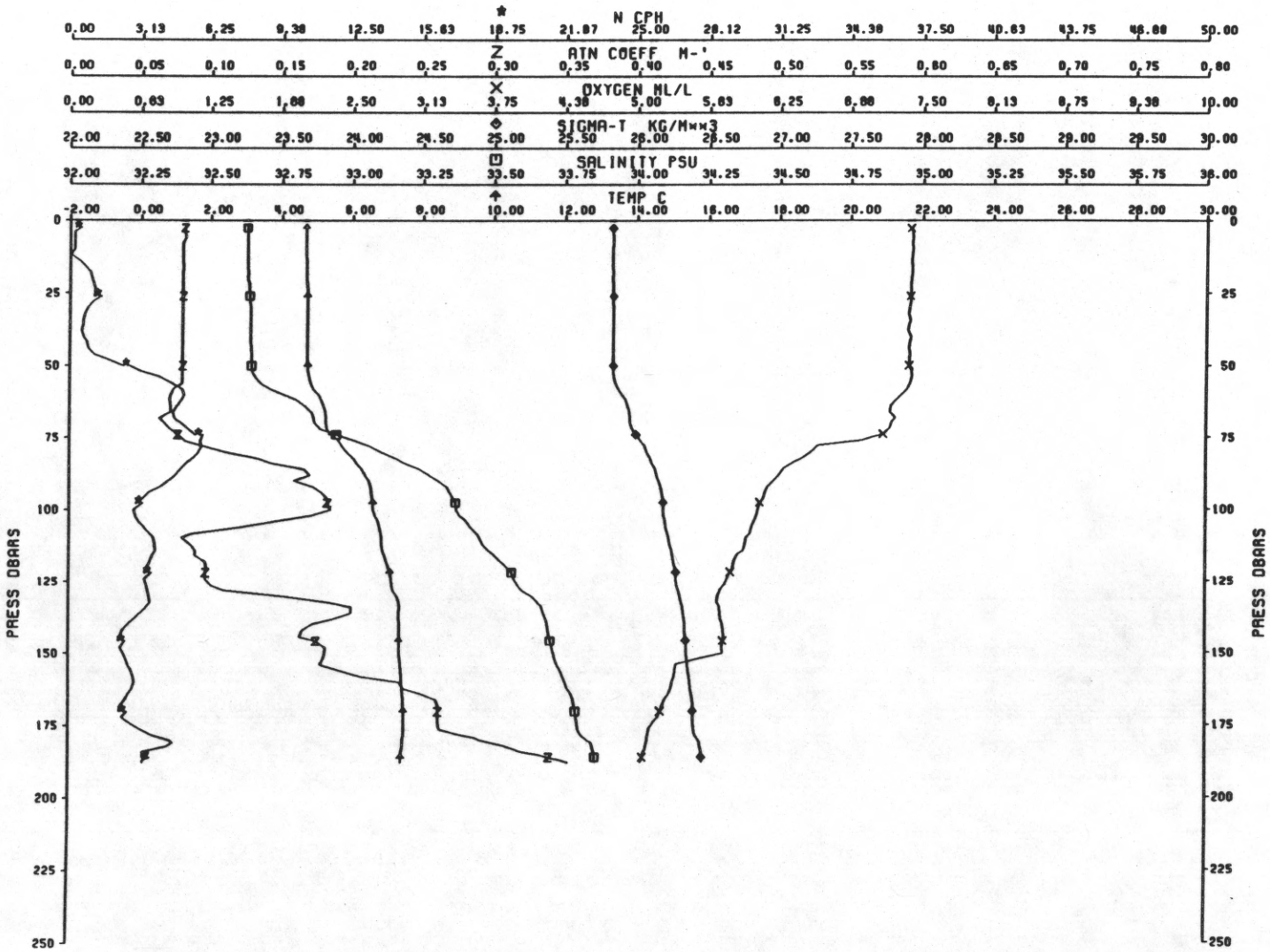
0C181B CAST #61



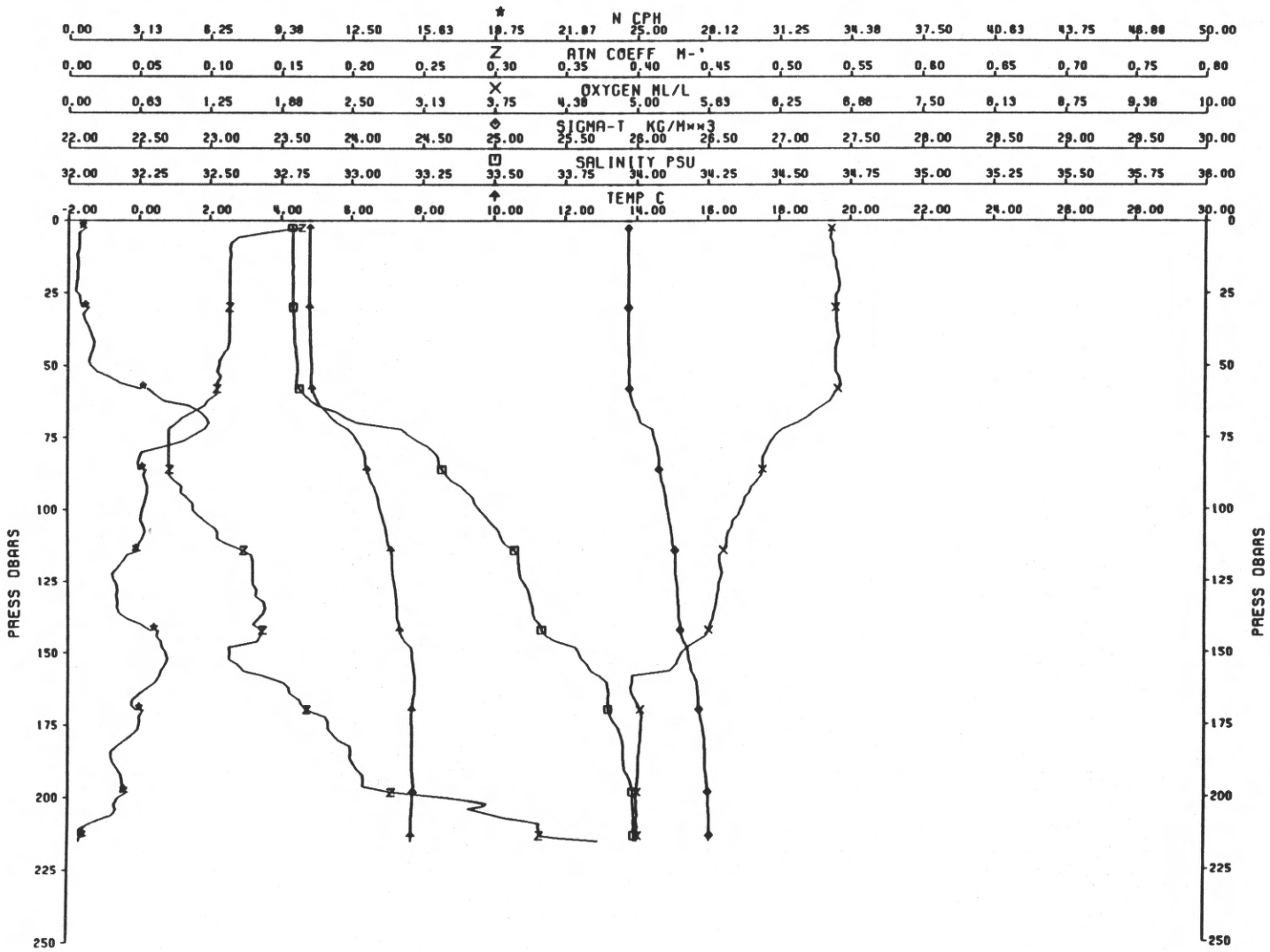
0C181B CAST #62



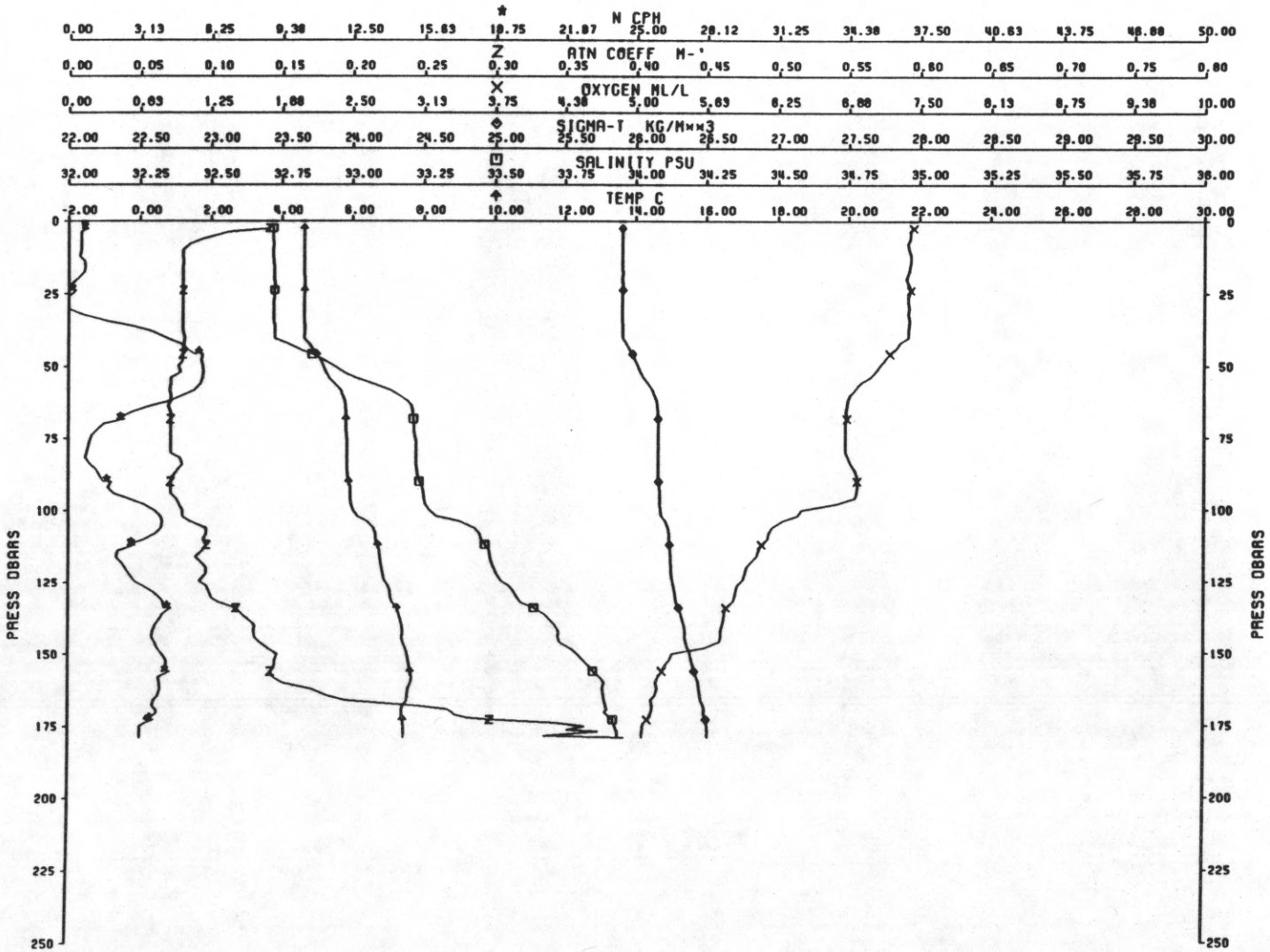
OC181B CAST #63

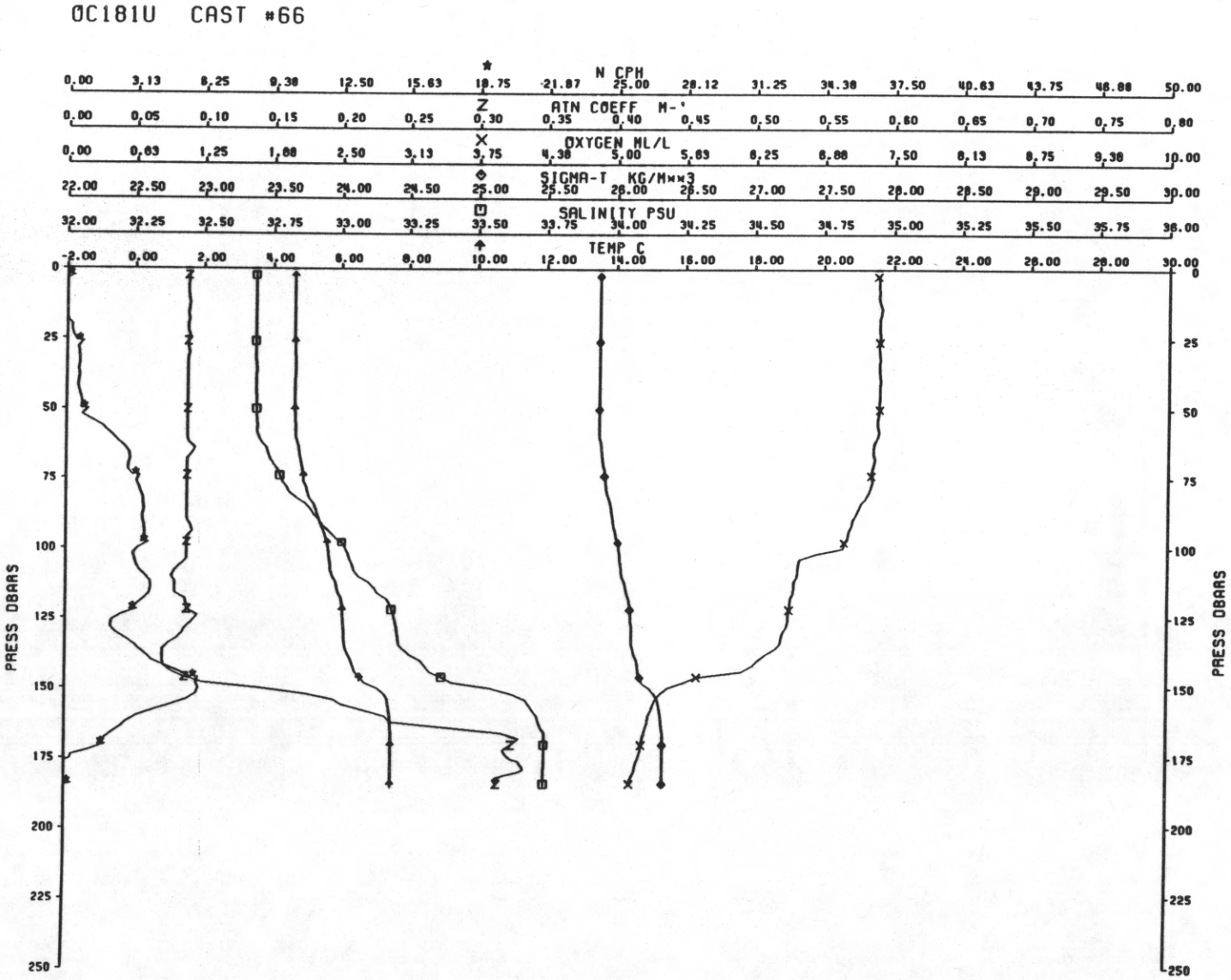


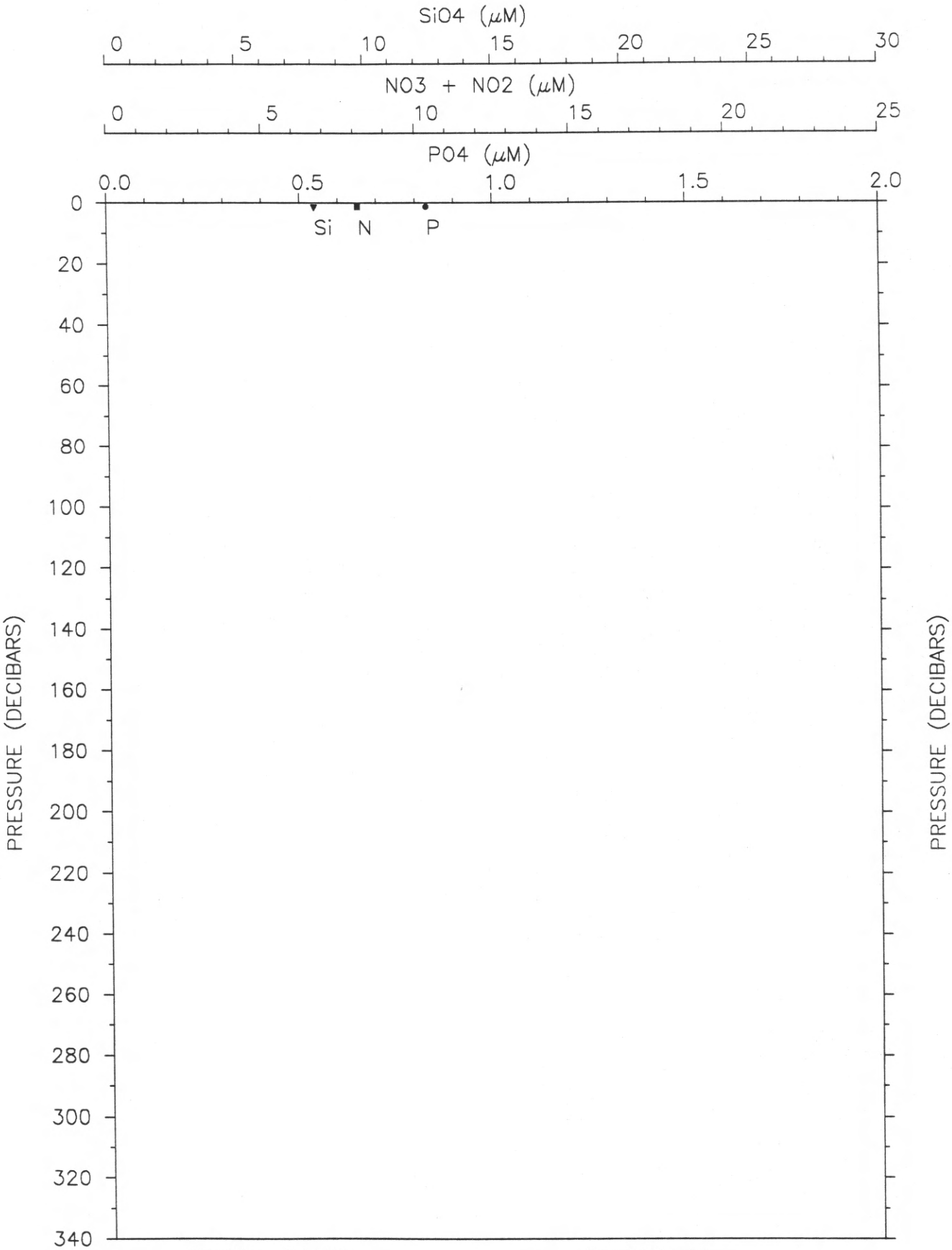
0C181A CAST #64



OC181B CAST #65



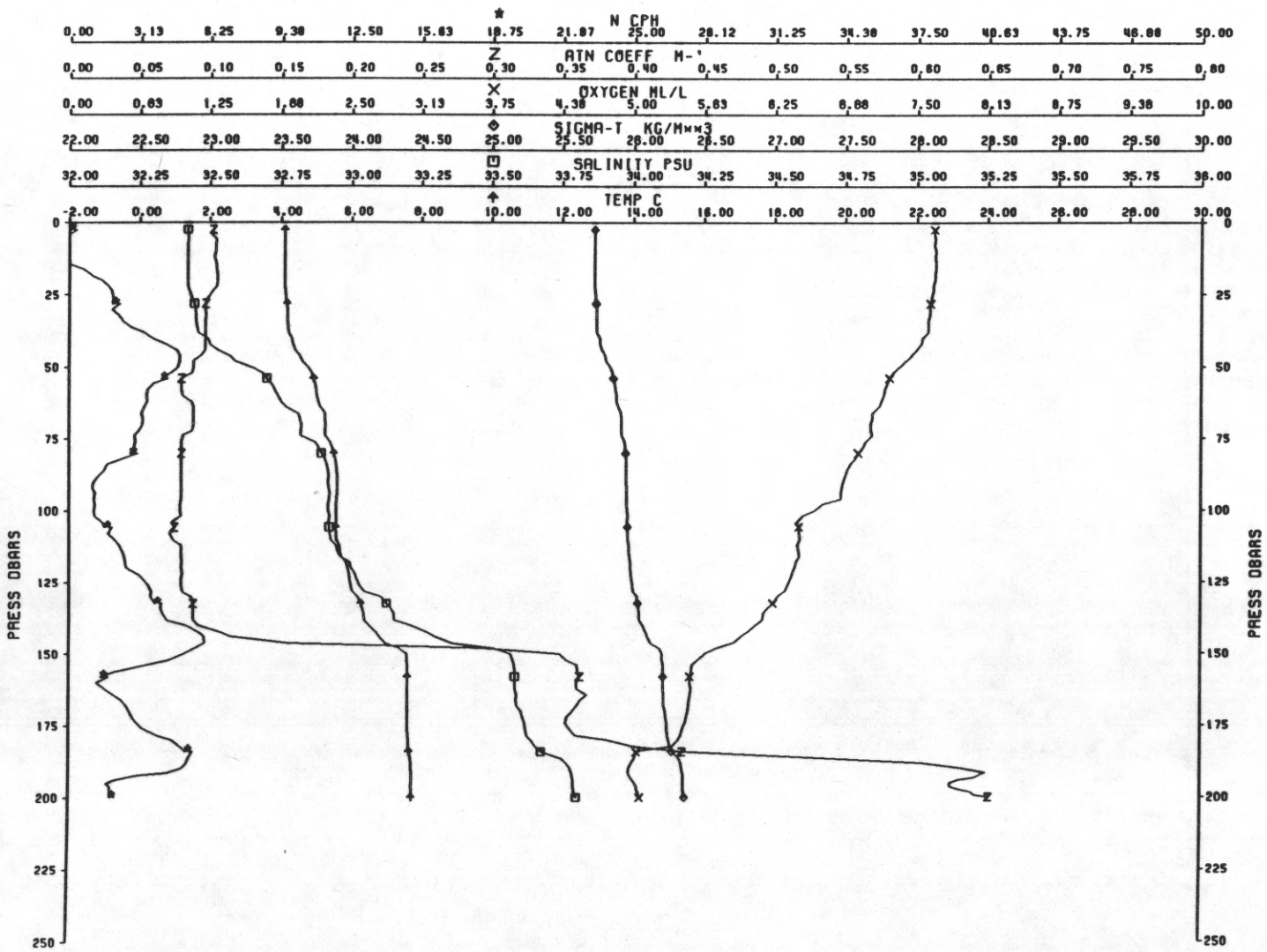

0C181U CAST #66
N CPH
0.00 3.13 6.25 9.38 12.50 15.63 18.75 21.87 25.00 28.12 31.25 34.38 37.50 40.63 43.75 46.88 50.00
ATN COEFF M-'
0.00 0.05 0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45 0.50 0.55 0.60 0.65 0.70 0.75 0.80
OXYGEN ML/L
0.00 0.63 1.25 1.88 2.50 3.13 3.75 4.38 5.00 5.63 6.25 6.88 7.50 8.13 8.75 9.38 10.00
SIGMA-T KG/M**3
22.00 22.50 23.00 23.50 24.00 24.50 25.00 25.50 26.00 26.50 27.00 27.50 28.00 28.50 29.00 29.50 30.00
SALINITY PSU
32.00 32.25 32.50 32.75 33.00 33.25 33.50 33.75 34.00 34.25 34.50 34.75 35.00 35.25 35.50 35.75 36.00
TEMP C
-2.00 0.00 2.00 4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00 30.00
PRESS DBARS
0 25 50 75 100 125 150 175 200 225 250

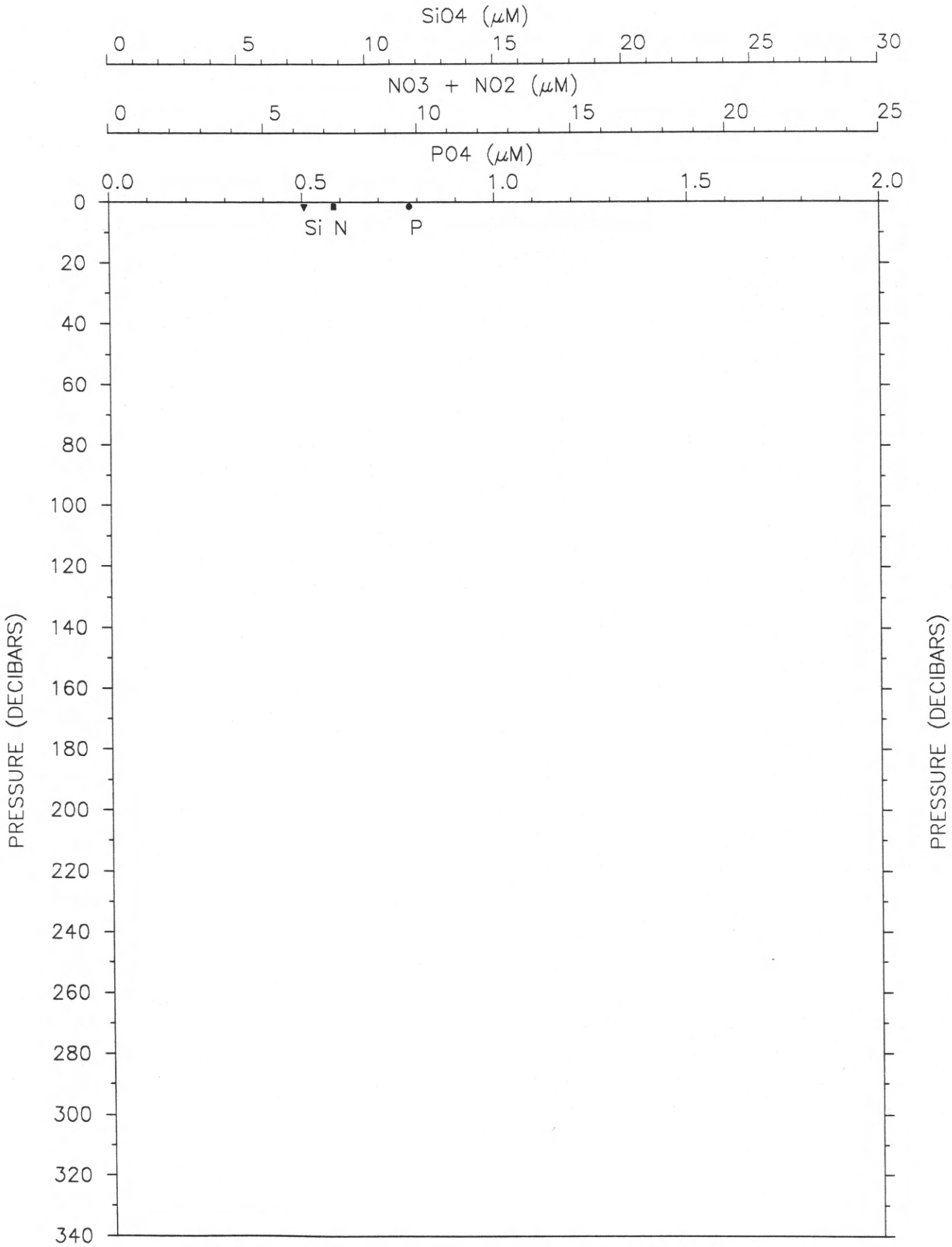


CRUISE: OC181
12 FEB 87
13: 45: 00 GMT

STATION: 66
43 00.10 N
68 41.06 W

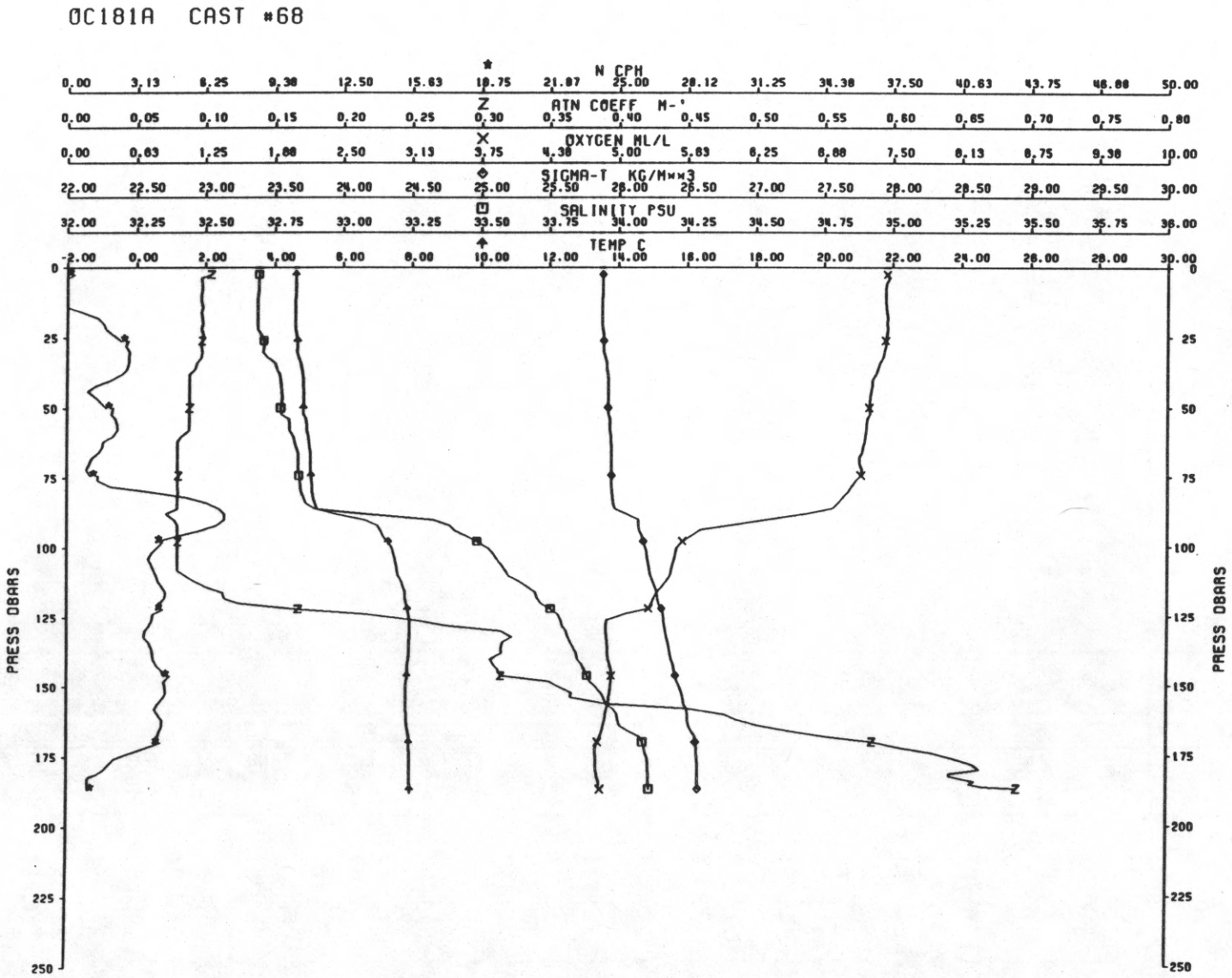
OC181A CAST #67

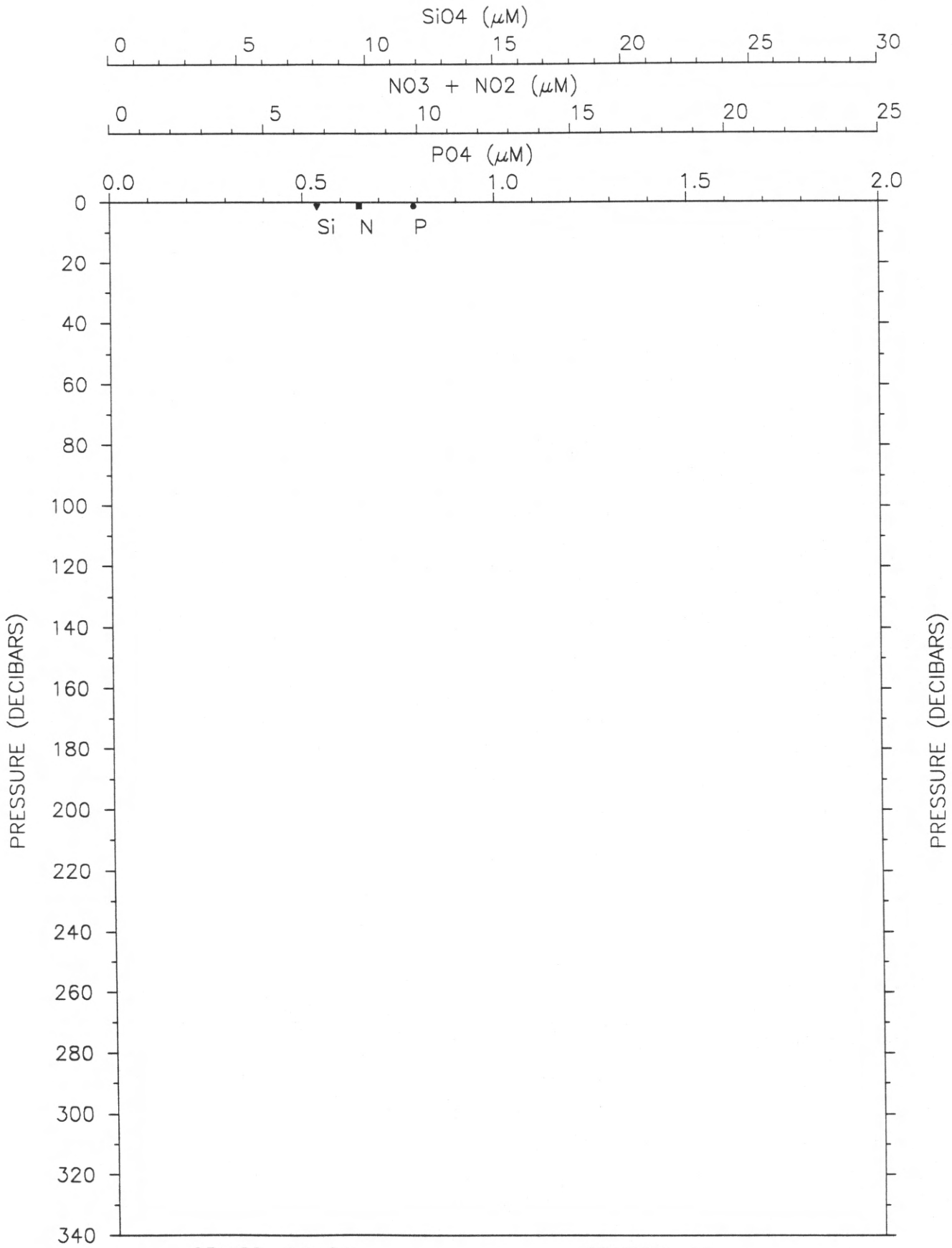




CRUISE: OC181
12 FEB 87
15: 15: 00 GMT

STATION: 67
43 05.99 N
68 29.95 W

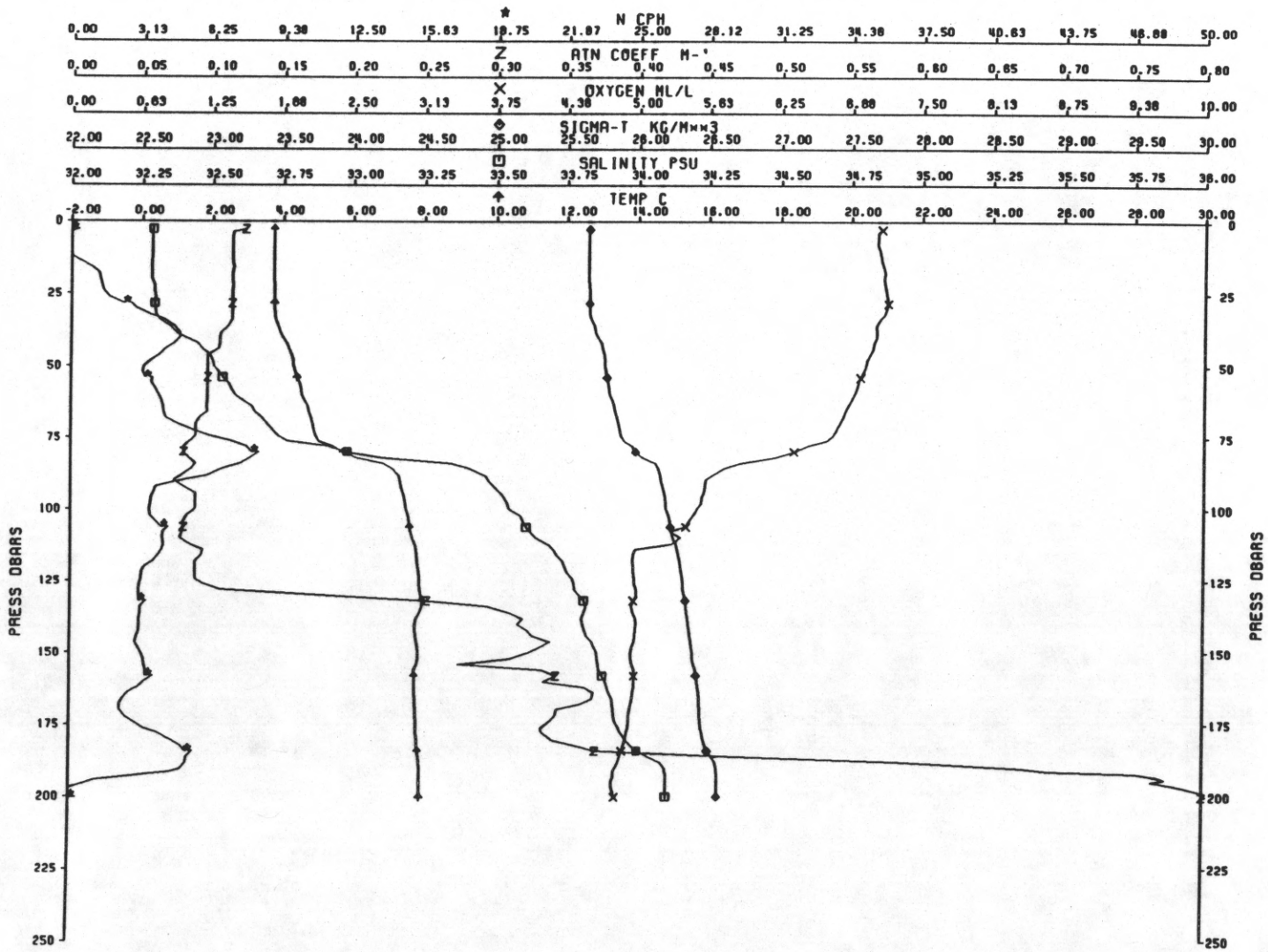

0C181A CAST #68
N CPM
0.00 3.13 6.25 9.38 12.50 15.63 18.75 21.87 25.00 28.12 31.25 34.38 37.50 40.63 43.75 46.88 50.00
ATN COEFF M-¹
0.00 0.05 0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45 0.50 0.55 0.60 0.65 0.70 0.75 0.80
OXYGEN ML/L
0.00 0.63 1.25 1.88 2.50 3.13 3.75 4.38 5.00 5.63 6.25 6.88 7.50 8.13 8.75 9.38 10.00
SIGMA-T KG/M**3
22.00 22.50 23.00 23.50 24.00 24.50 25.00 25.50 26.00 26.50 27.00 27.50 28.00 28.50 29.00 29.50 30.00
SALINITY PSU
32.00 32.25 32.50 32.75 33.00 33.25 33.50 33.75 34.00 34.25 34.50 34.75 35.00 35.25 35.50 35.75 36.00
TEMP C
-2.00 0.00 2.00 4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00 30.00
PRESS DBARS
0 25 50 75 100 125 150 175 200 225 250

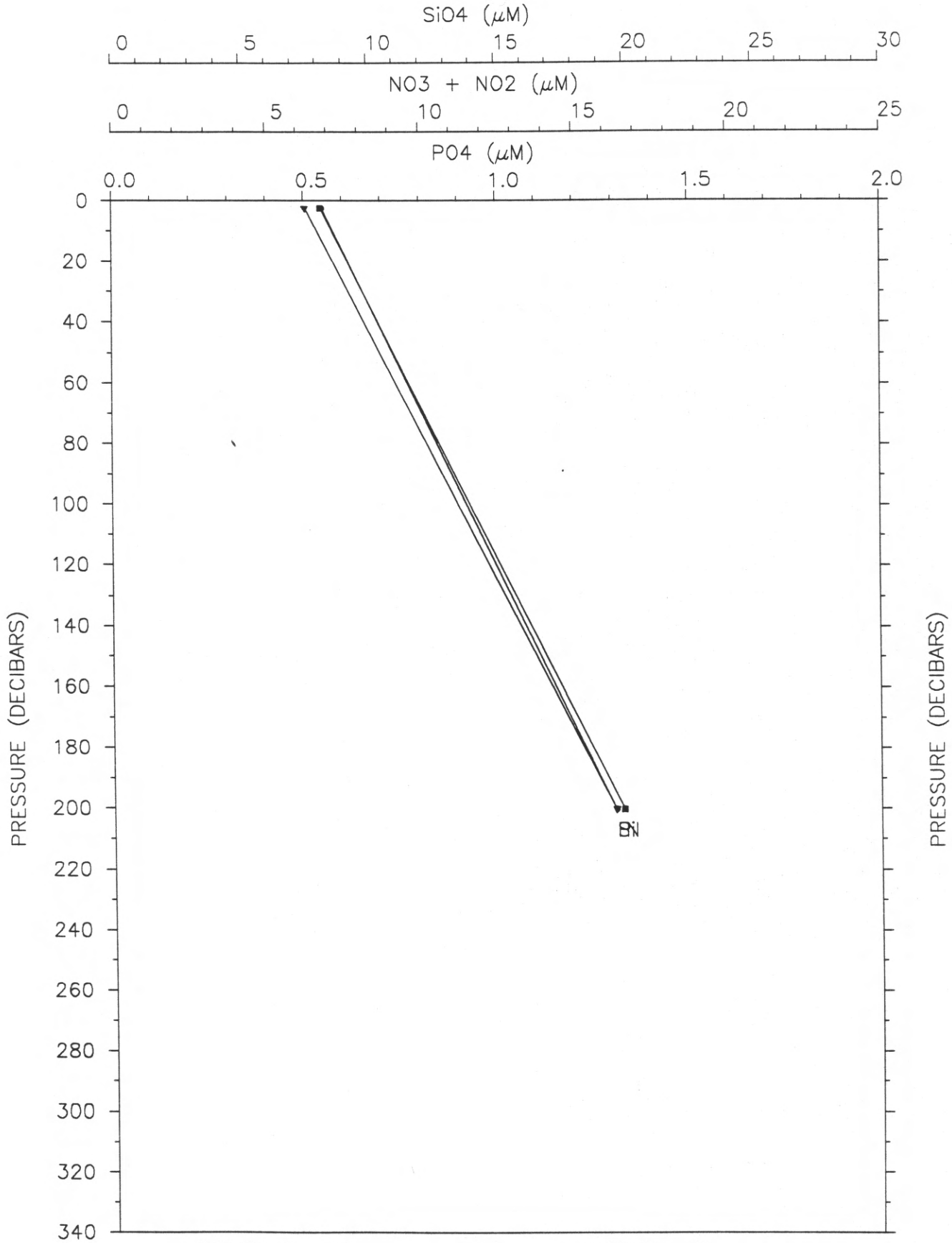


CRUISE: OC181
12 FEB 87
16: 37: 30 GMT

STATION: 68
43 12.50 N
68 20.03 W

0C181A CAST #69

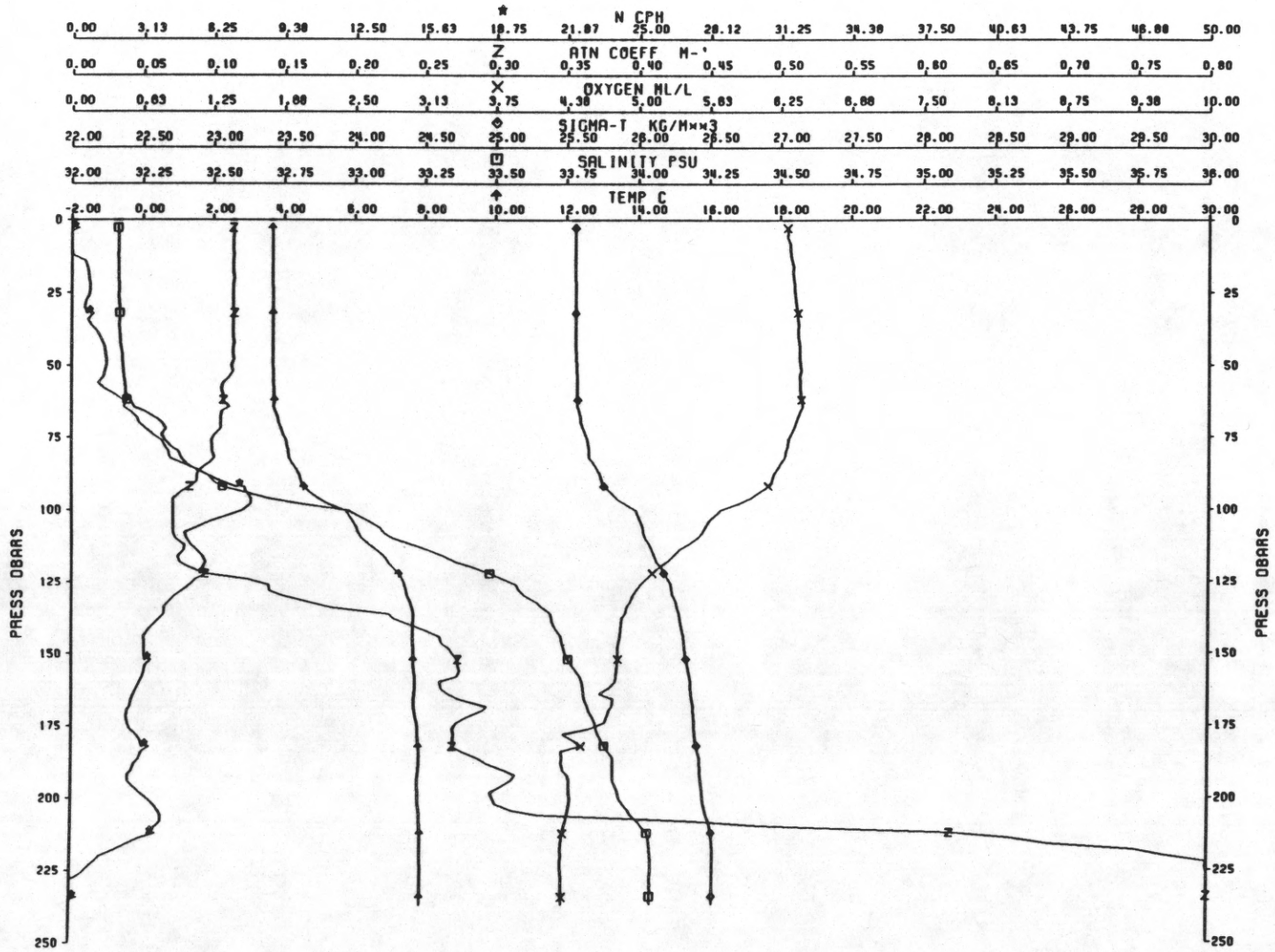




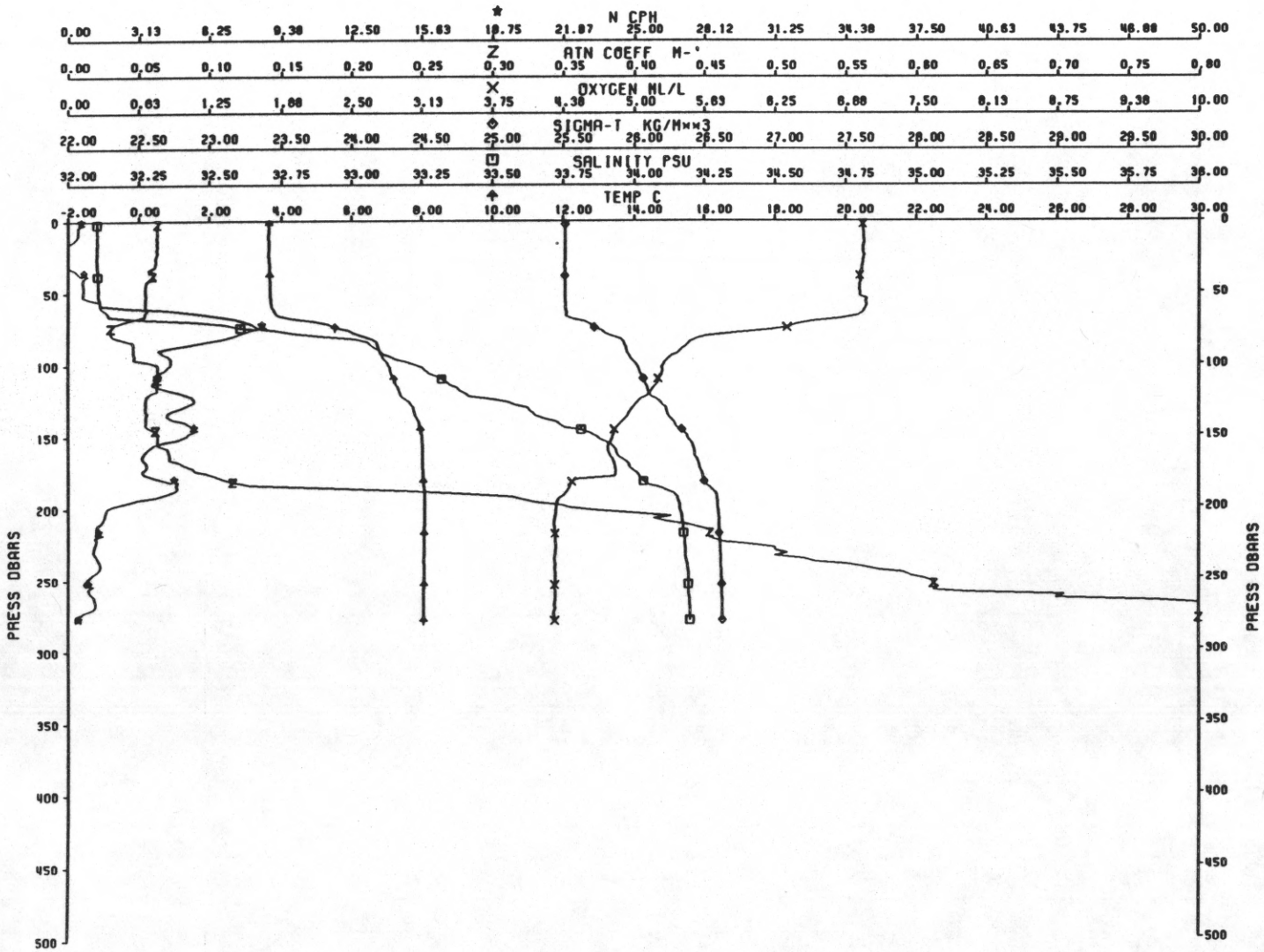
CRUISE: OC181
12 FEB 87
18: 00: 00 GMT

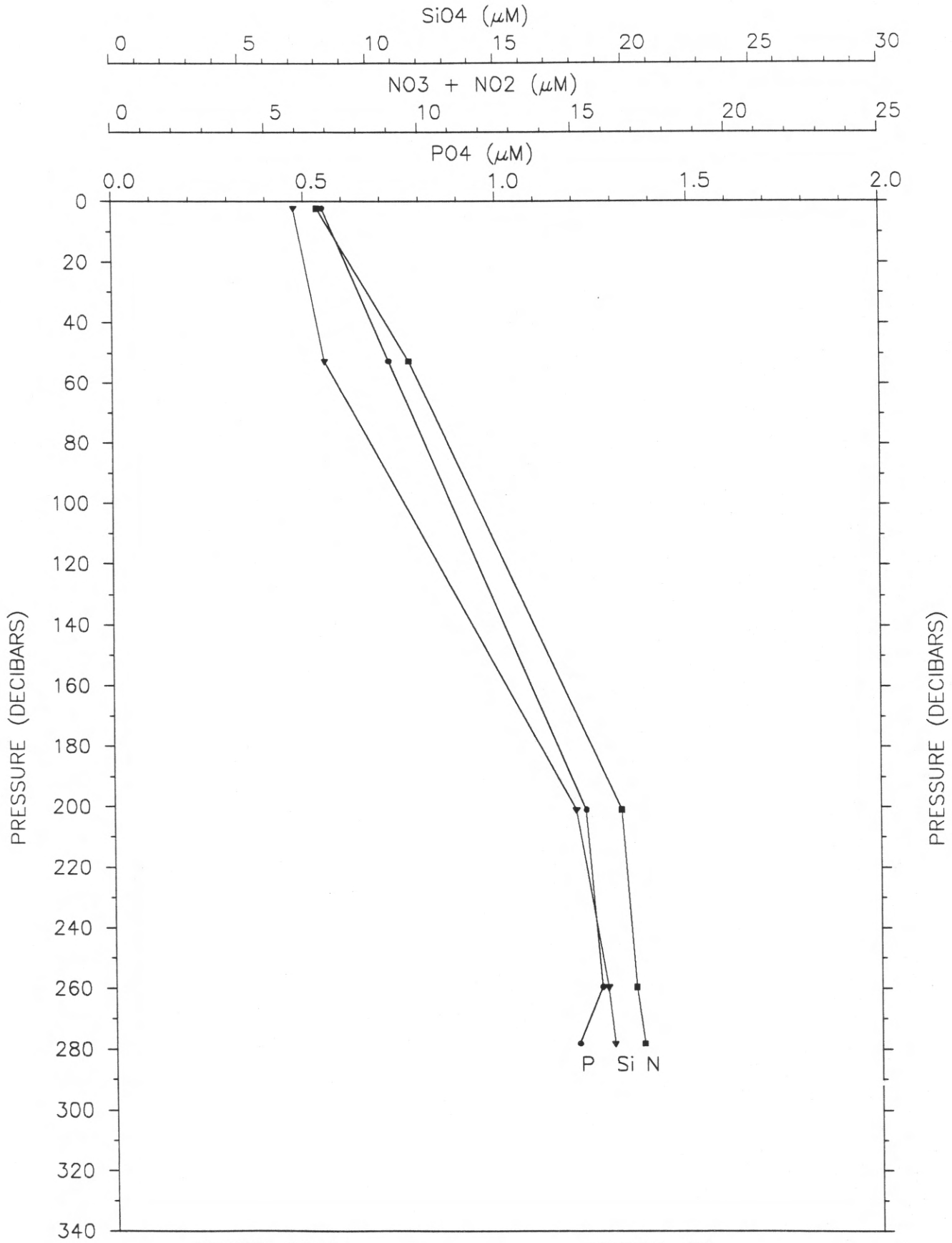
STATION: 69
43 18.51 N
68 10.05 W

OC181B CAST #70



0C181U CAST #71

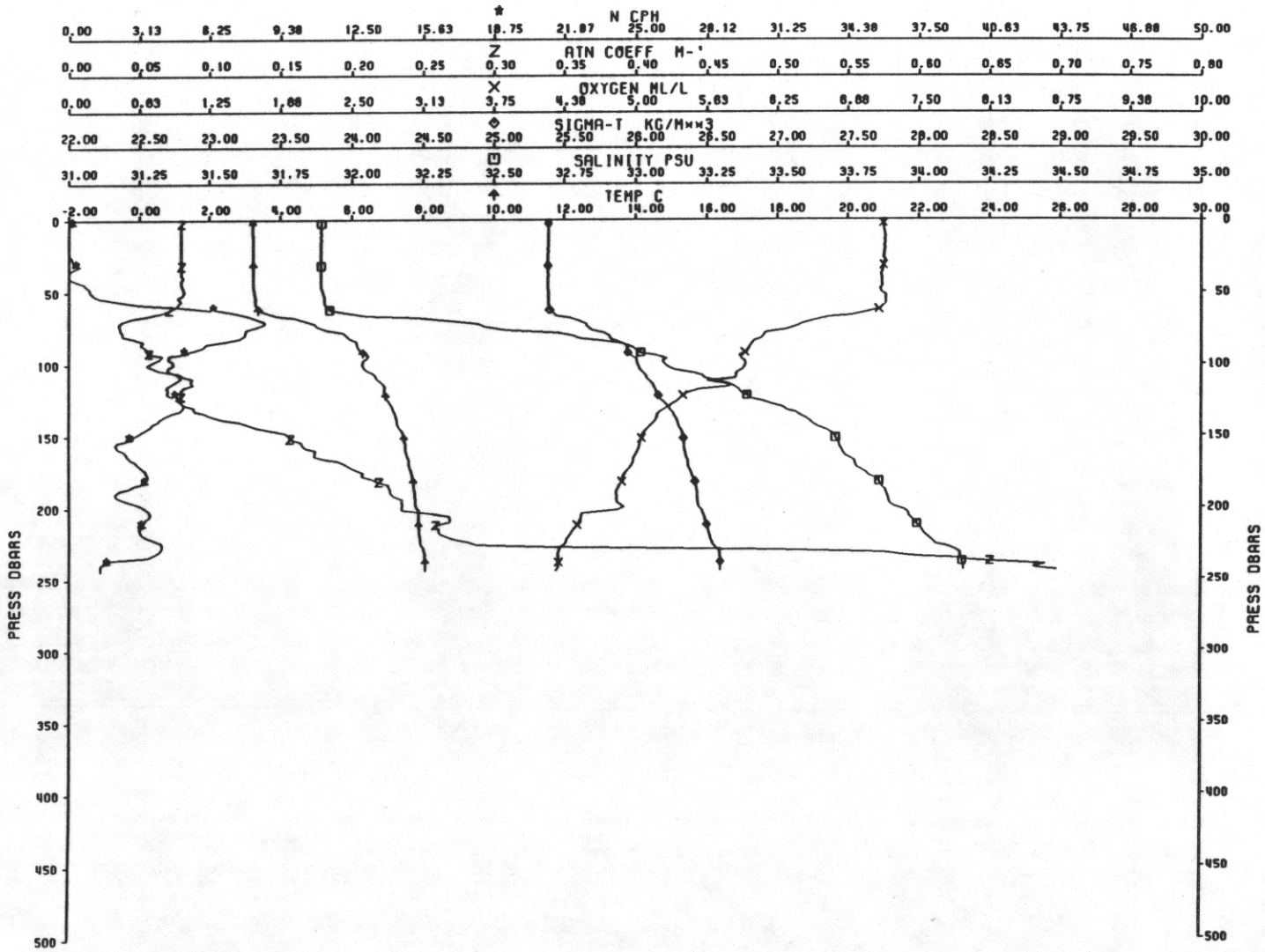


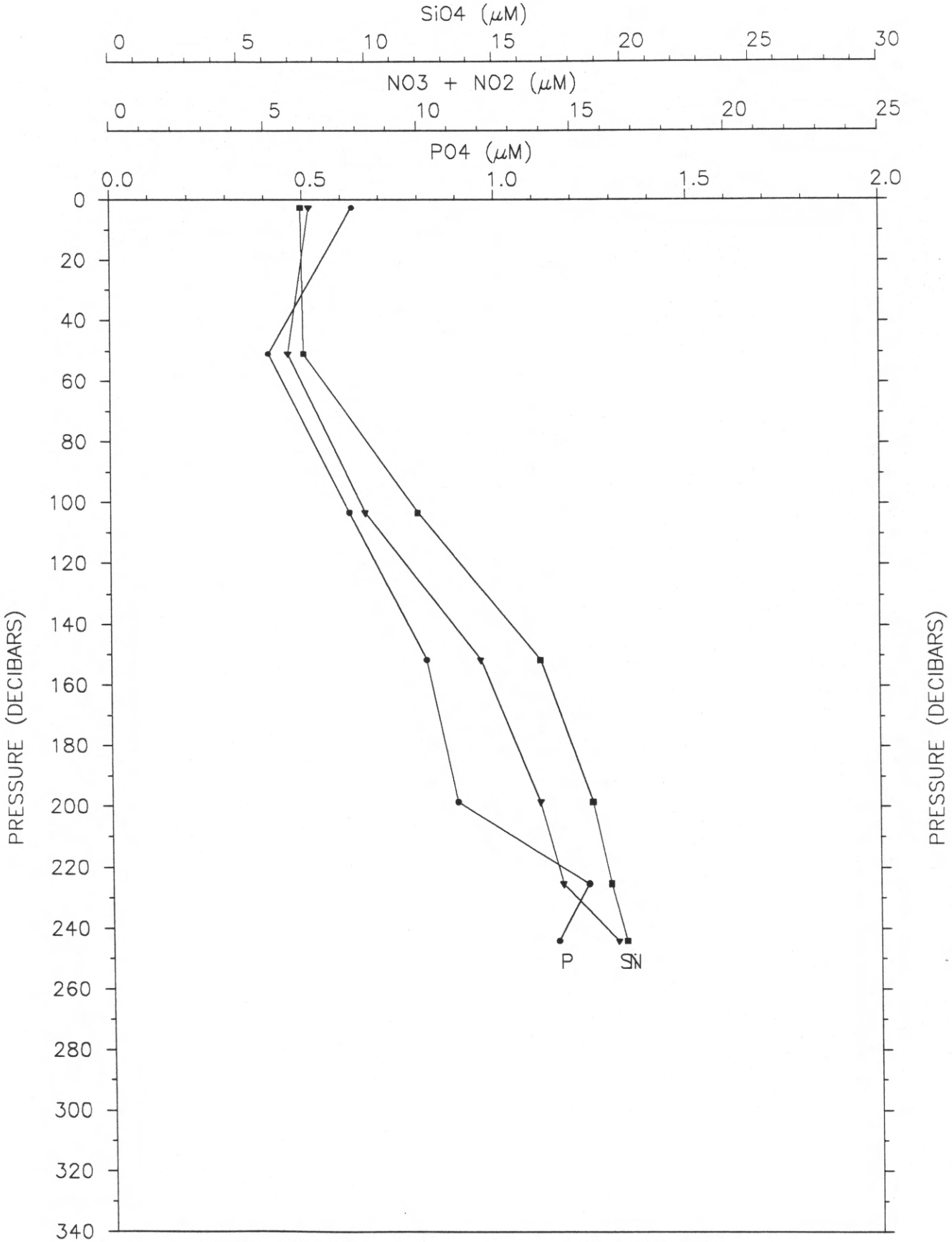


CRUISE: OC181
12 FEB 87
22: 15: 00 GMT

STATION: 71
43 29.39 N
67 52.36 W

0C181U CAST #72

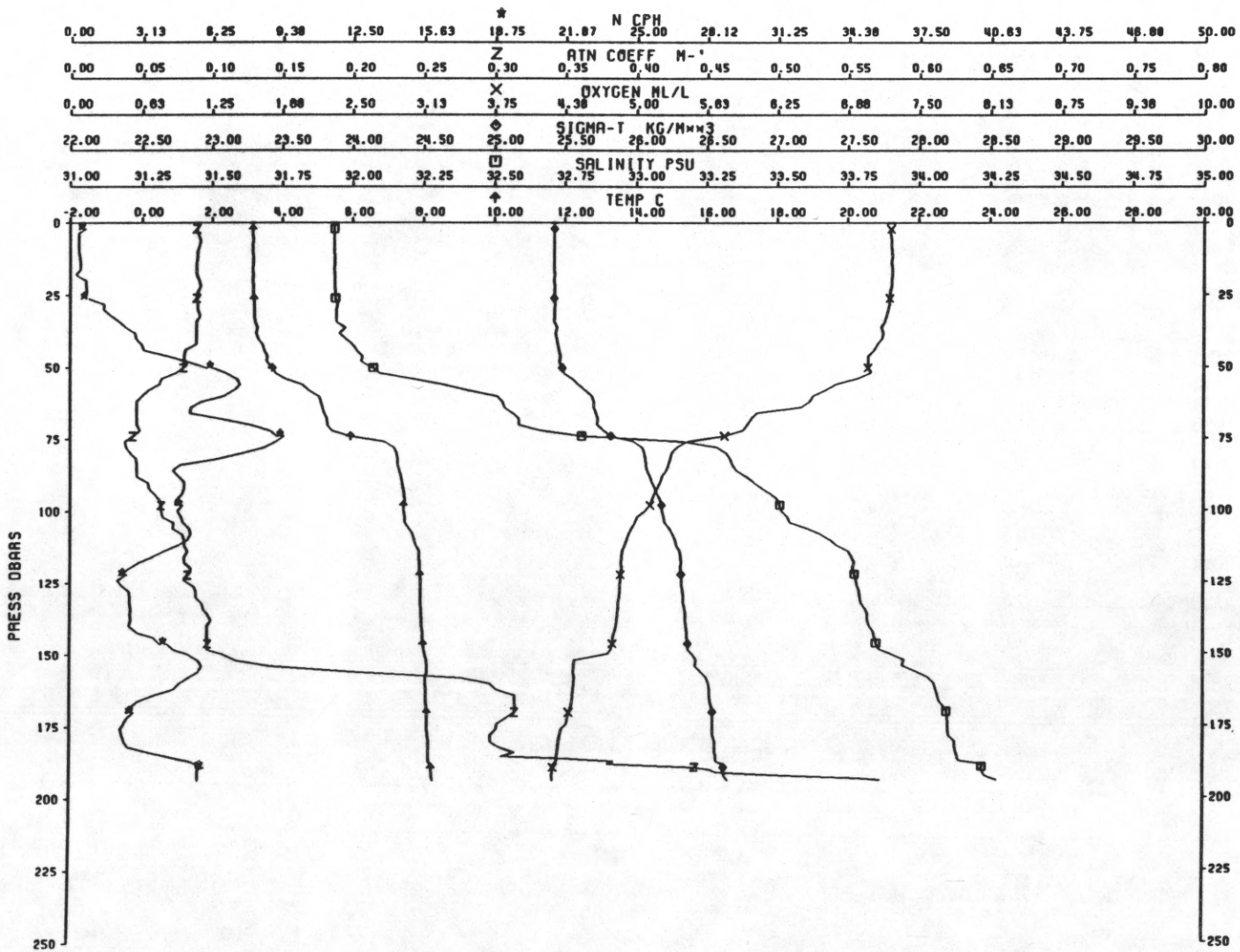


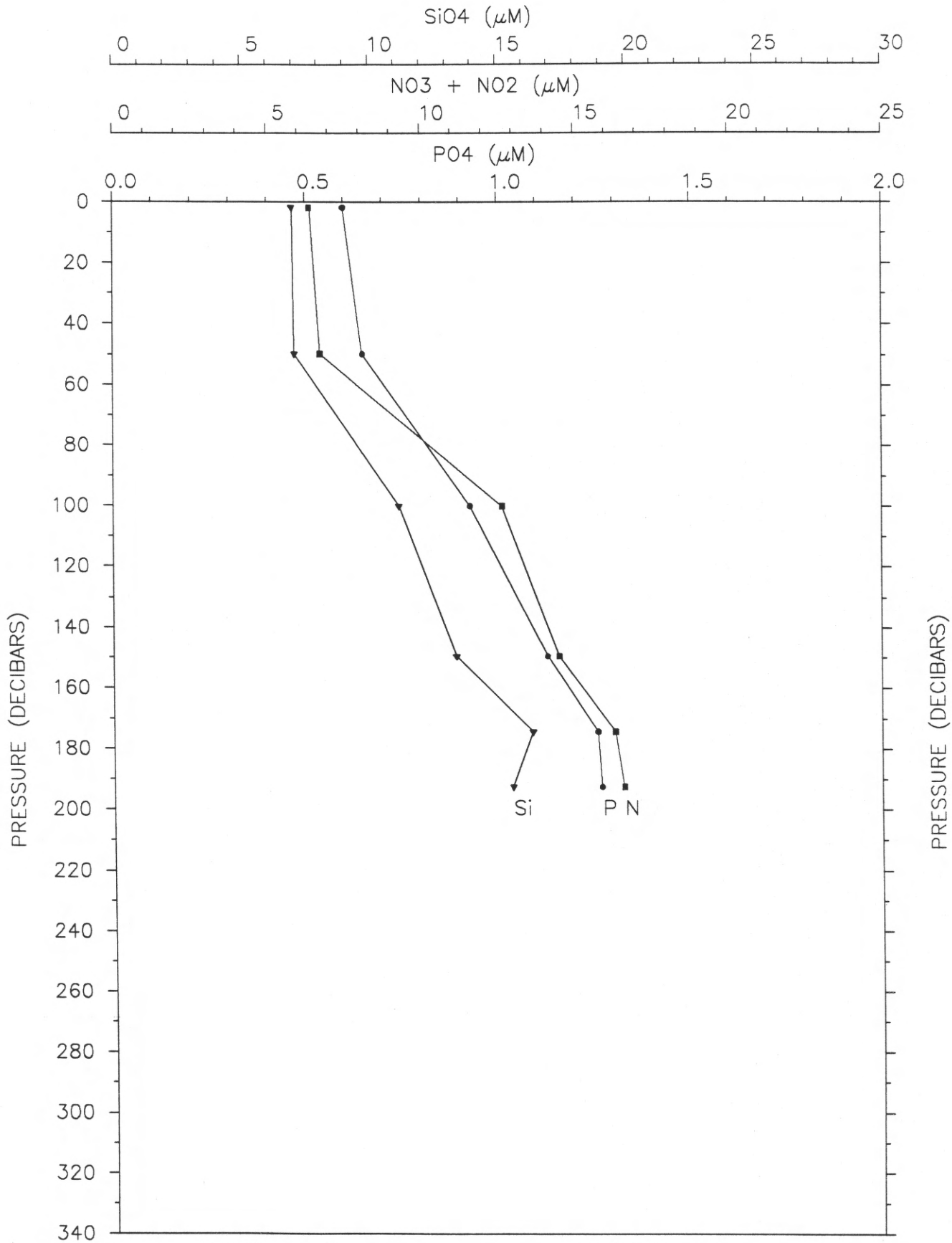


CRUISE: OC181
13 FEB 87
00: 07: 30 GMT

STATION: 72
43 24.63 N
67 42.15 W

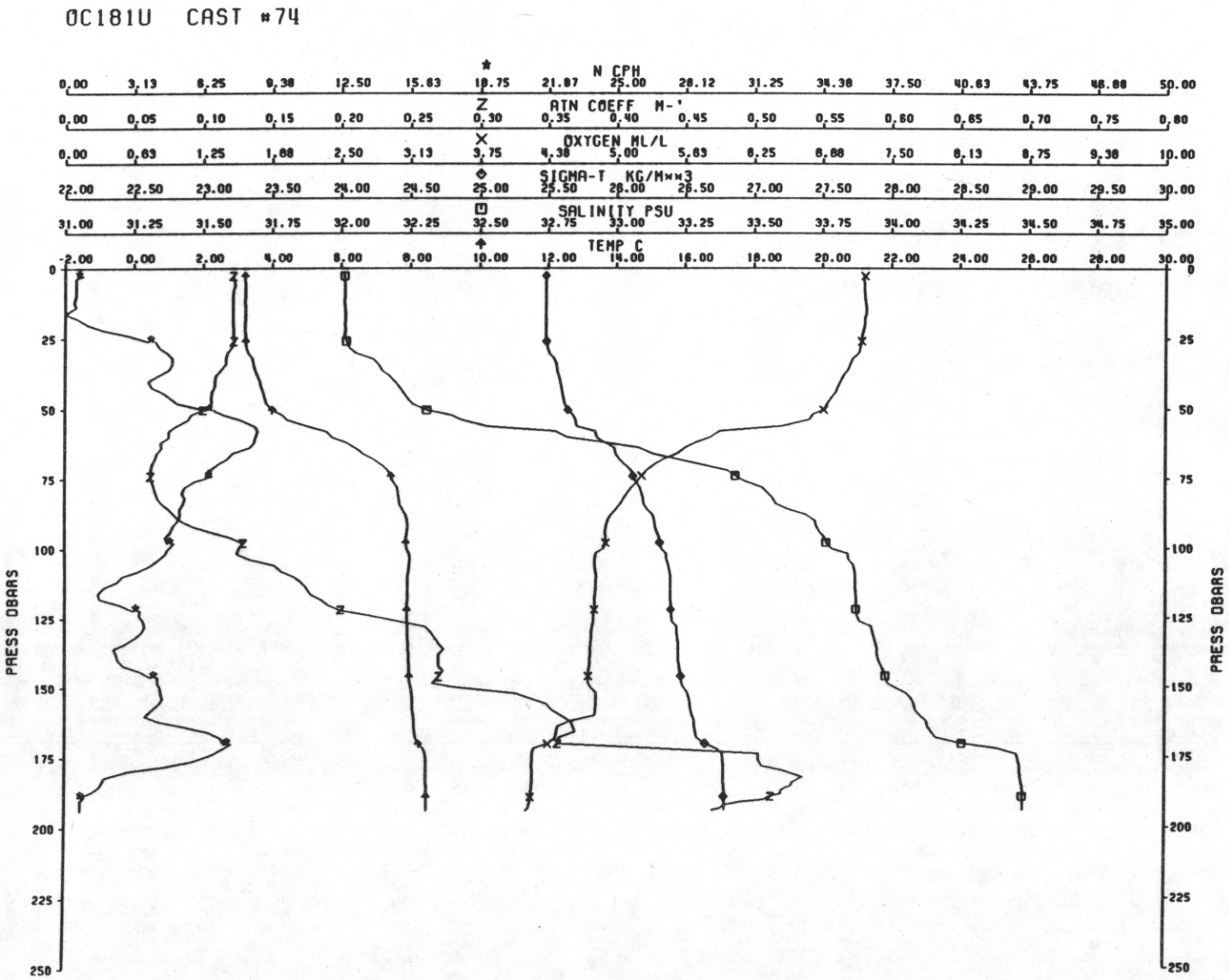
OC181U CAST #73

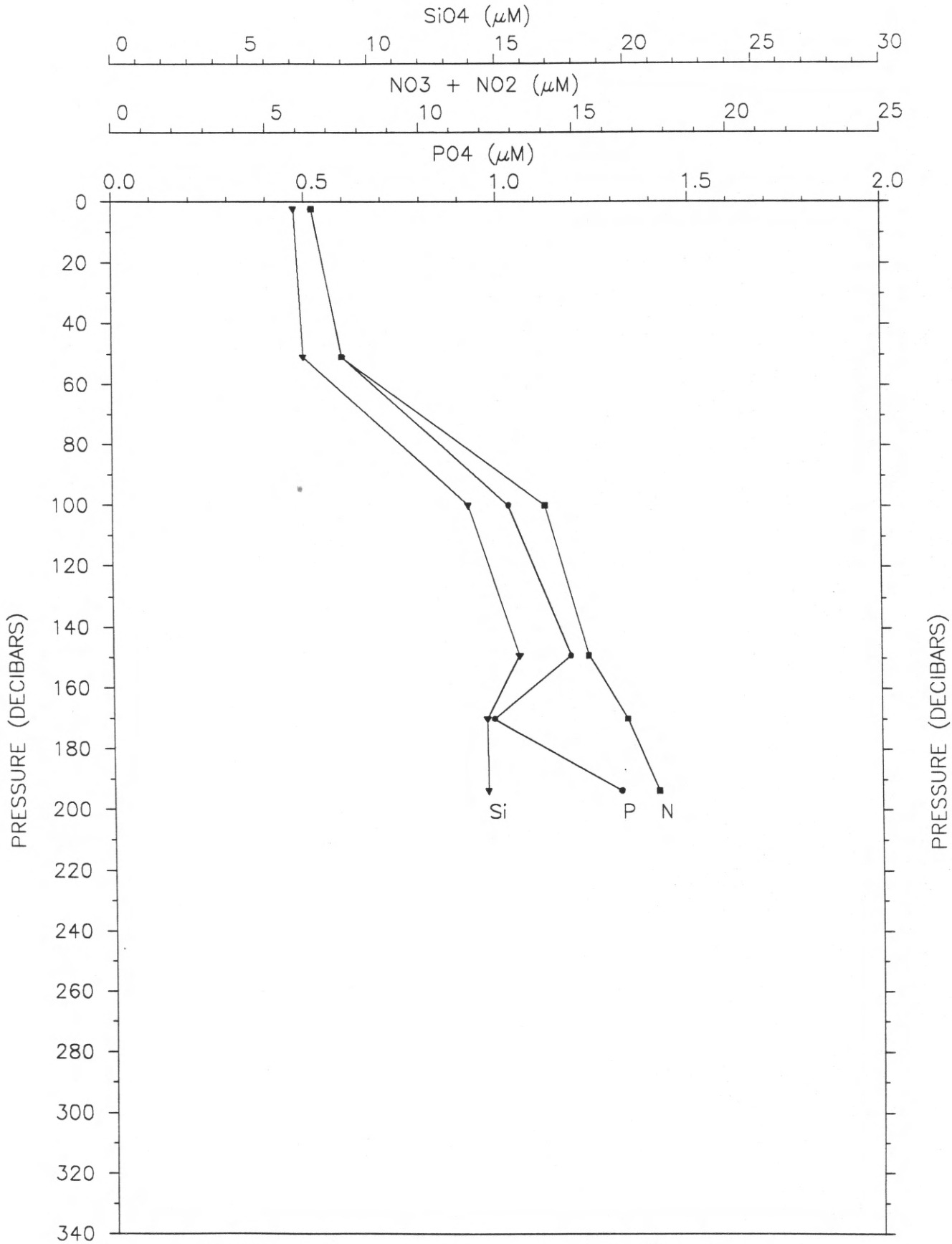




CRUISE: OC181
13 FEB 87
01: 52: 30 GMT

STATION: 73
43 18.18 N
67 31.45 W

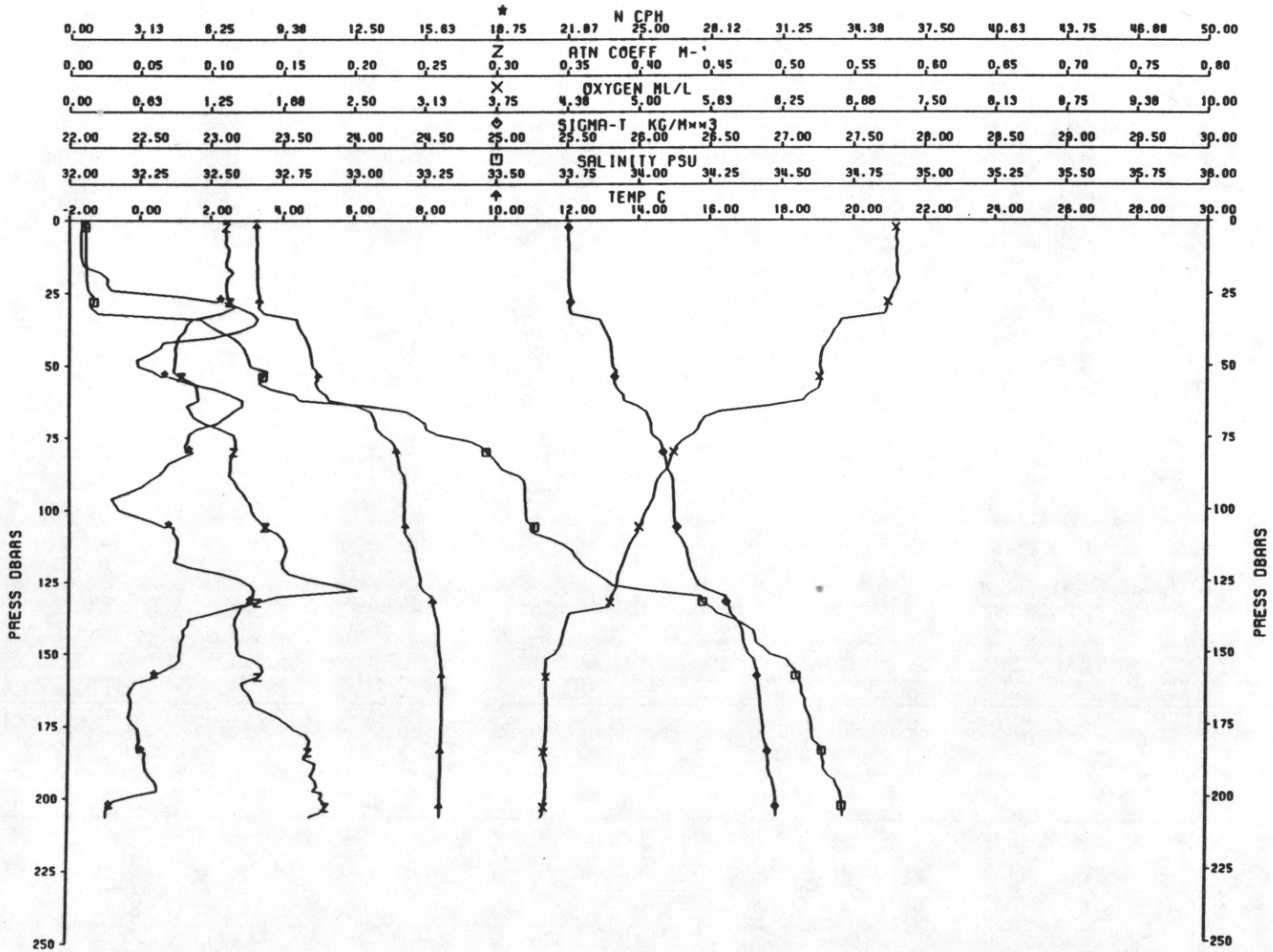

0C181U CAST #74
N CPH
0.00 3.13 6.25 9.38 12.50 15.63 18.75 21.87 25.00 28.12 31.25 34.38 37.50 40.63 43.75 46.88 50.00
ATN COEFF M-1
0.00 0.05 0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45 0.50 0.55 0.60 0.65 0.70 0.75 0.80
OXYGEN ML/L
0.00 0.63 1.25 1.88 2.50 3.13 3.75 4.38 5.00 5.63 6.25 6.88 7.50 8.13 8.75 9.38 10.00
SIGMA-T KG/M**3
22.00 22.50 23.00 23.50 24.00 24.50 25.00 25.50 26.00 26.50 27.00 27.50 28.00 28.50 29.00 29.50 30.00
SALINITY PSU
31.00 31.25 31.50 31.75 32.00 32.25 32.50 32.75 33.00 33.25 33.50 33.75 34.00 34.25 34.50 34.75 35.00
TEMP C
-2.00 0.00 2.00 4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00 30.00
PRESS DBARS
0 25 50 75 100 125 150 175 200 225 250

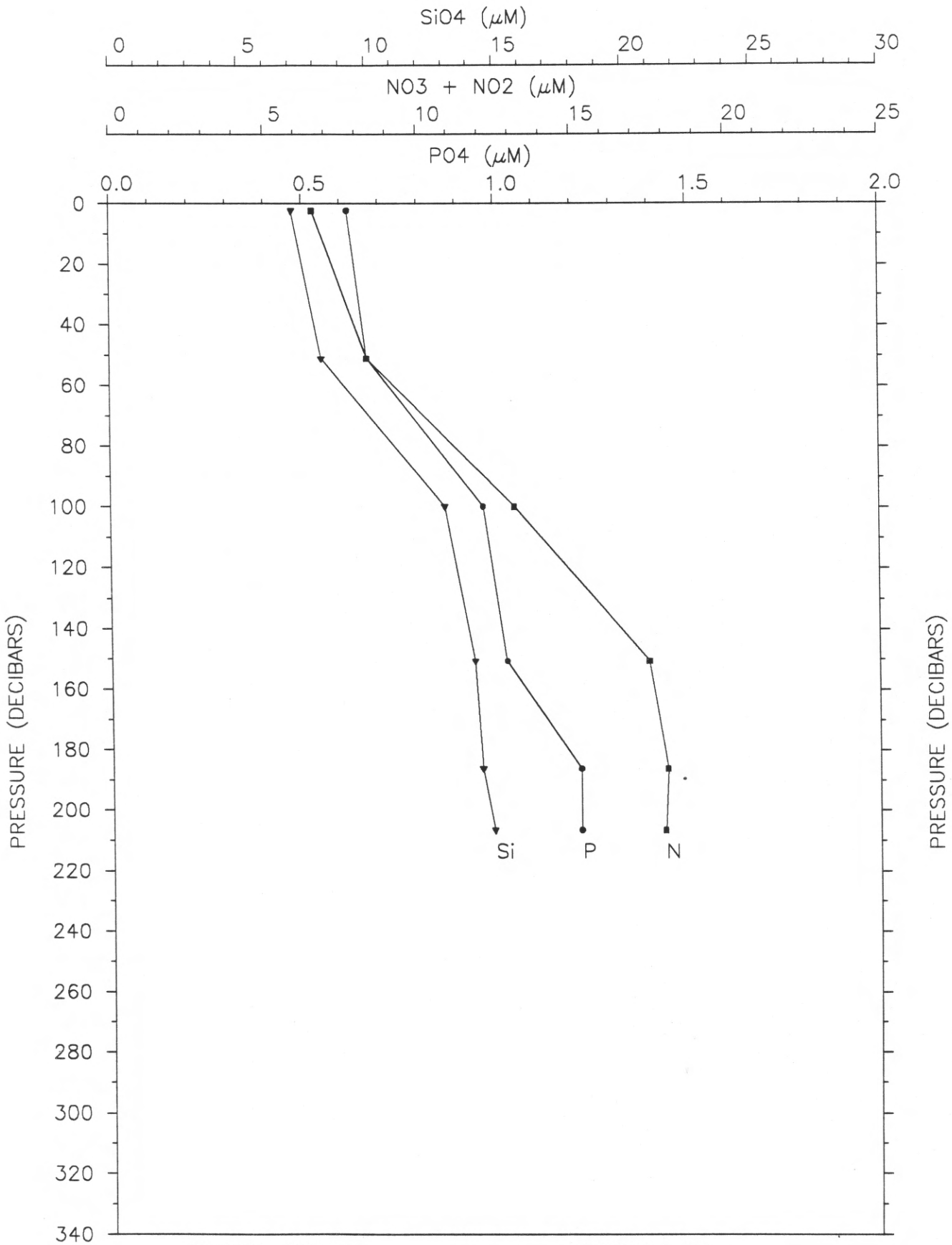


CRUISE: OC181
13 FEB 87
01: 07: 30 GMT

STATION: 74
43 11.97 N
67 20.86 W

OC181U CAST #75

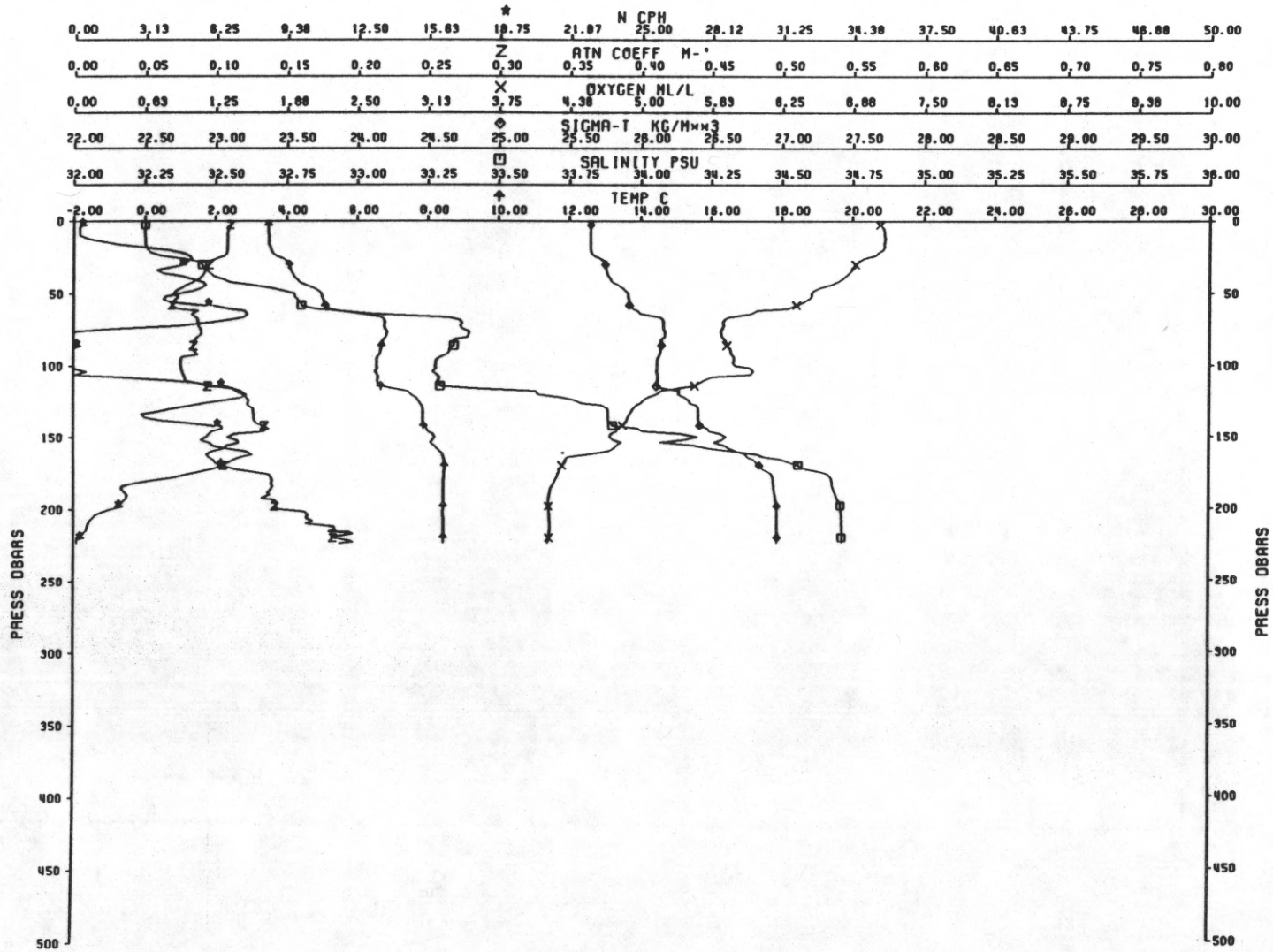


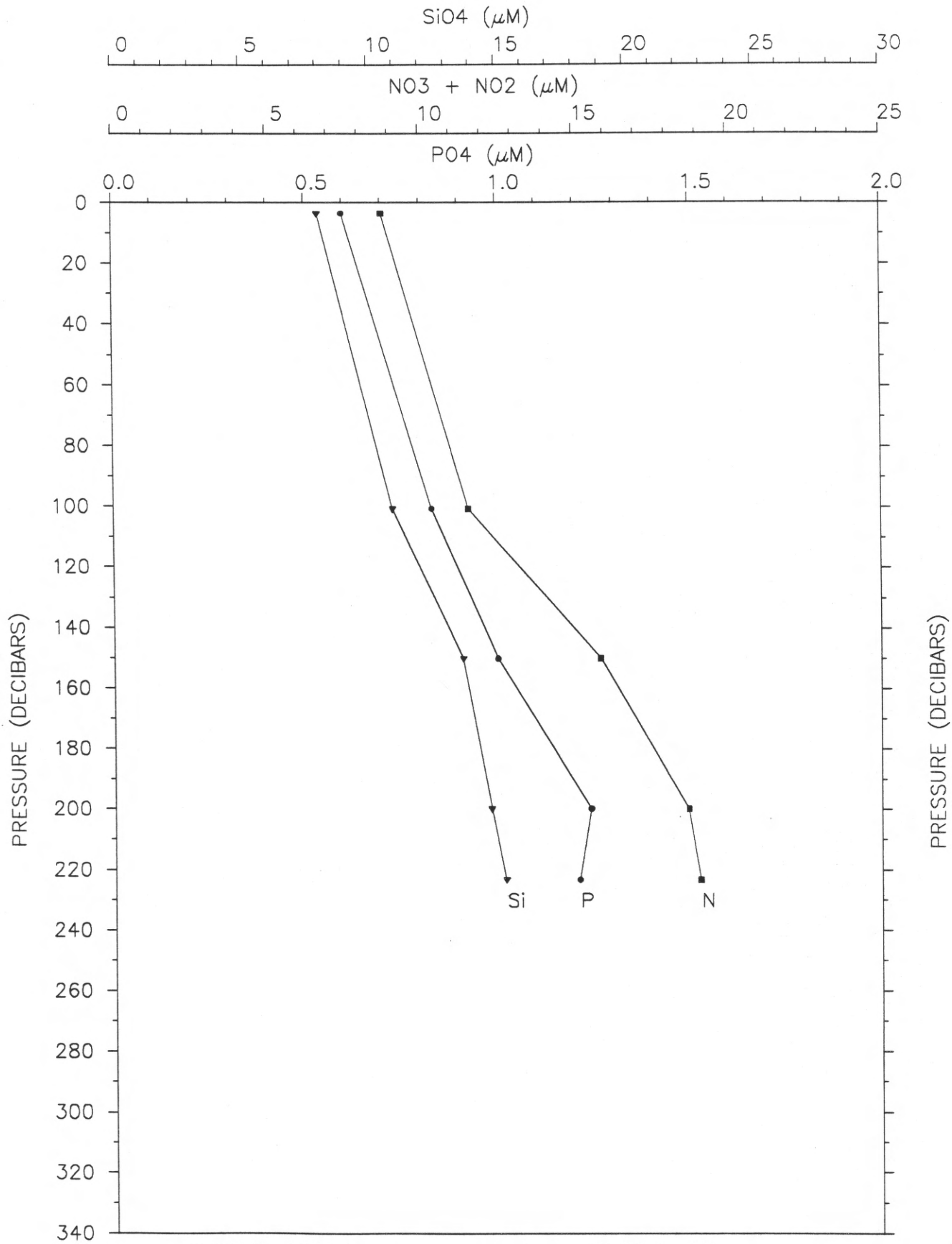


CRUISE: OC181
13 FEB 87
04: 22: 30 GMT

STATION: 75
43 05.93 N
67 09.92 W

0C181U CAST #76





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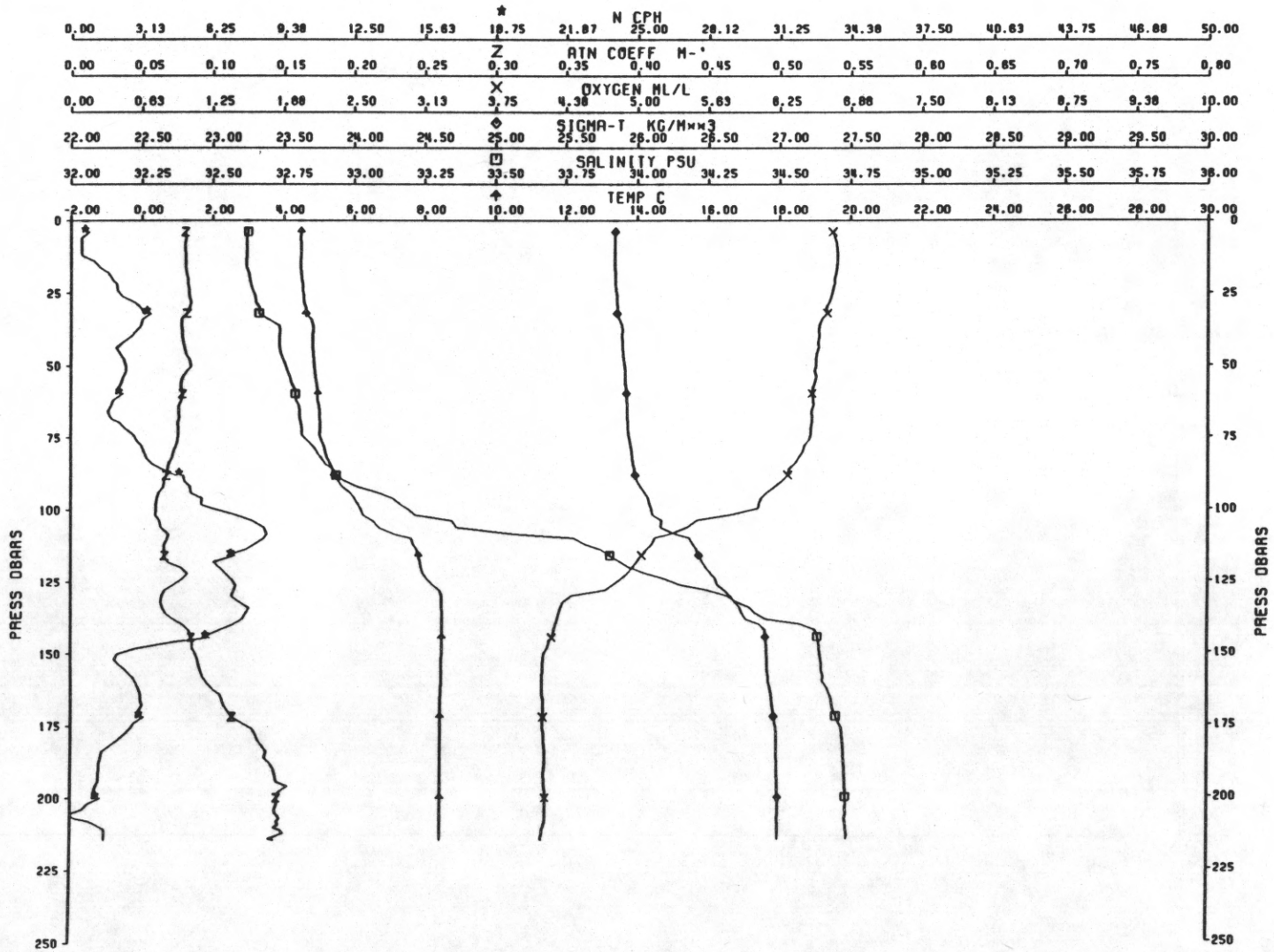
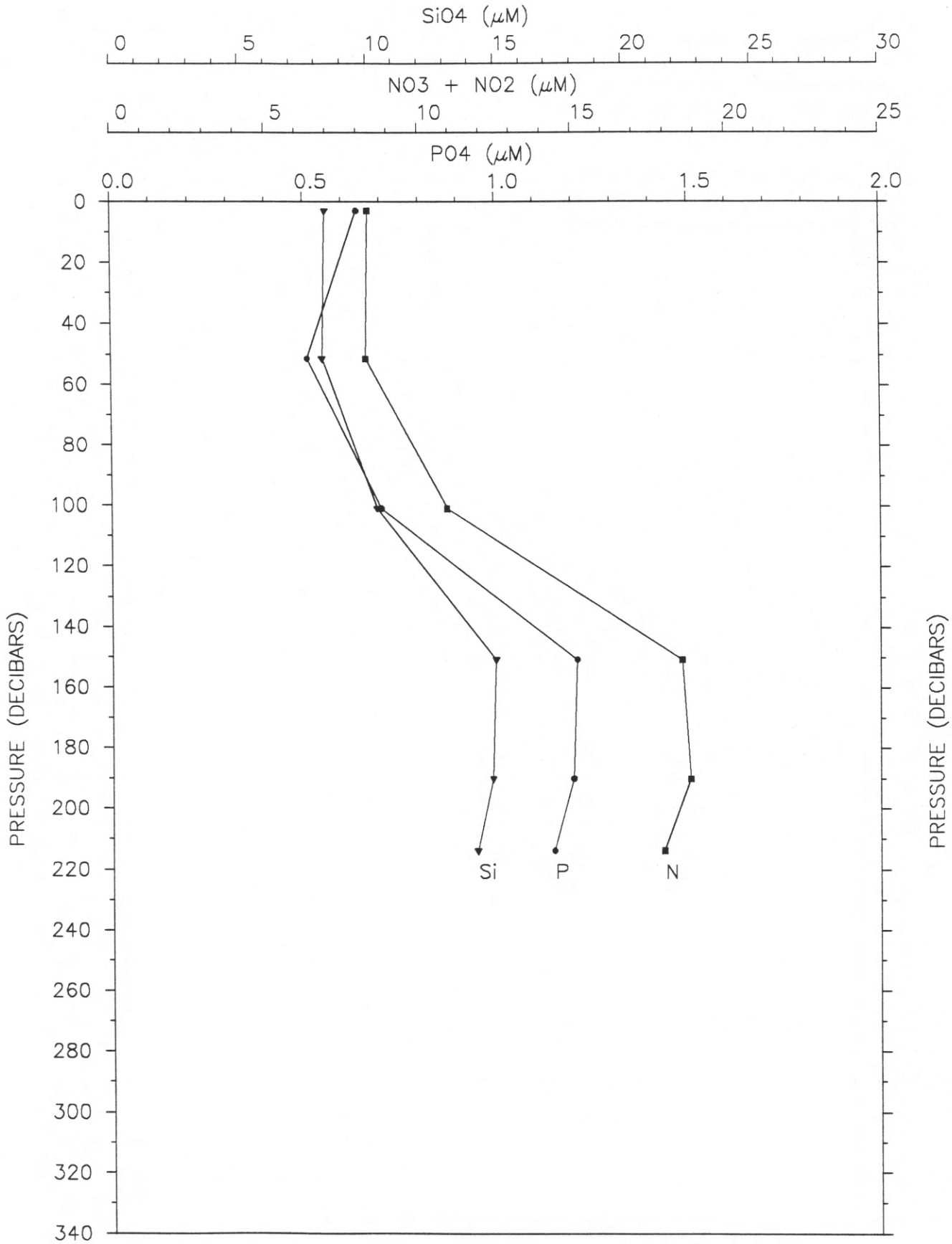
STATION: 76
42 57.28 N
67 10.66 W

ØC181U CAST #77





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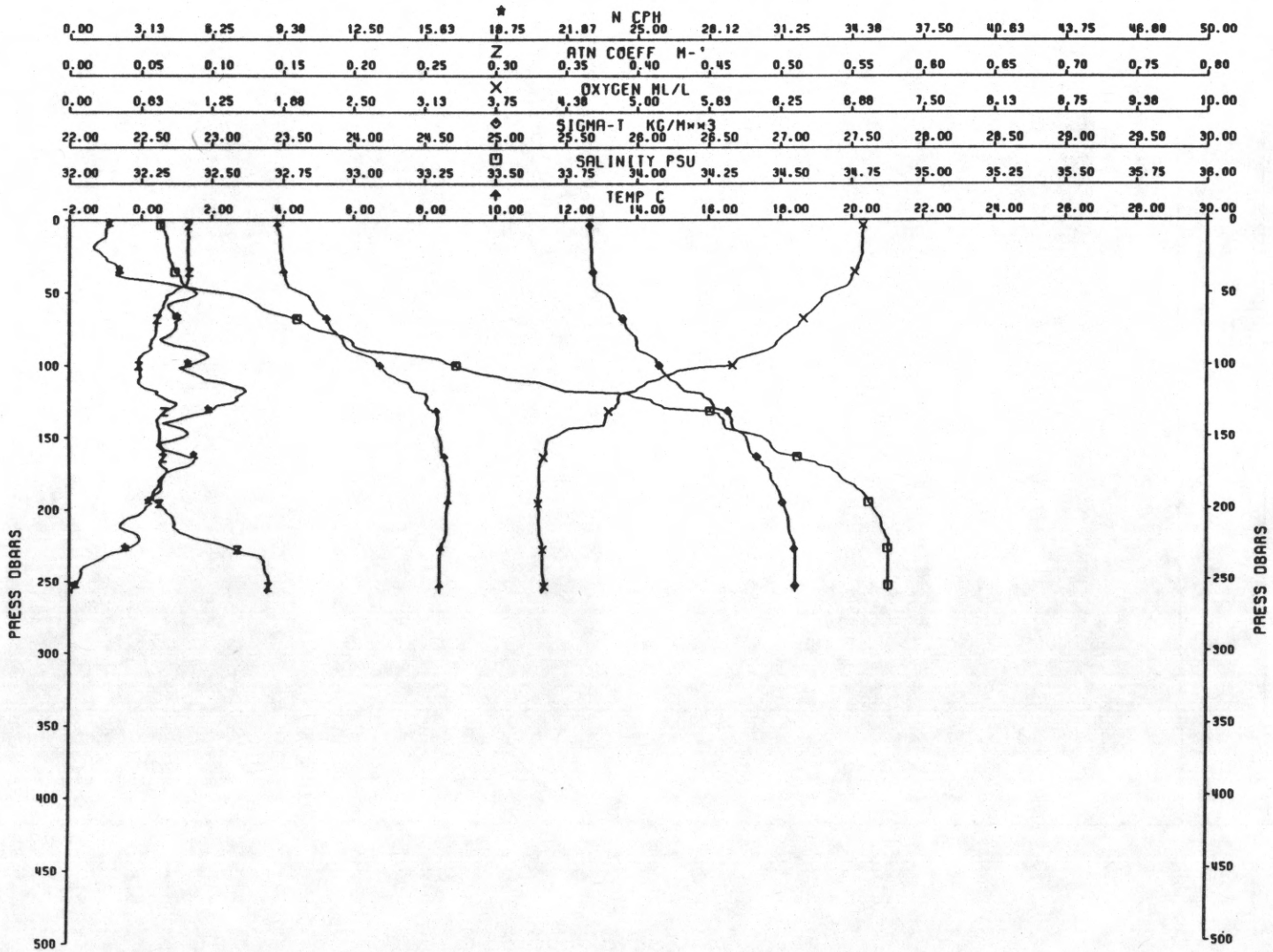
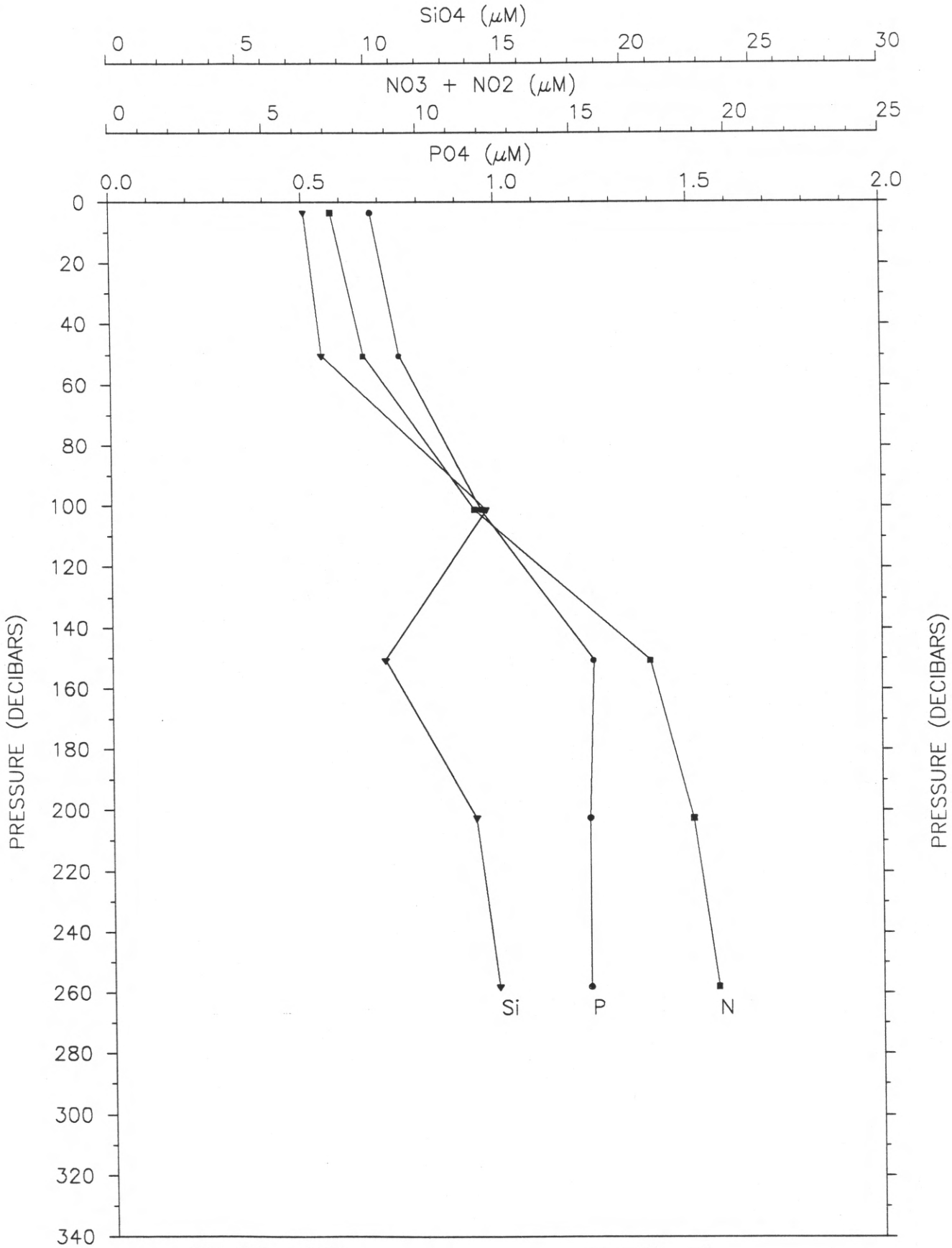
06: 45: 00 GMT

STATION: 77
42 48.81 N
67 11.09 W

0C181U CAST #78

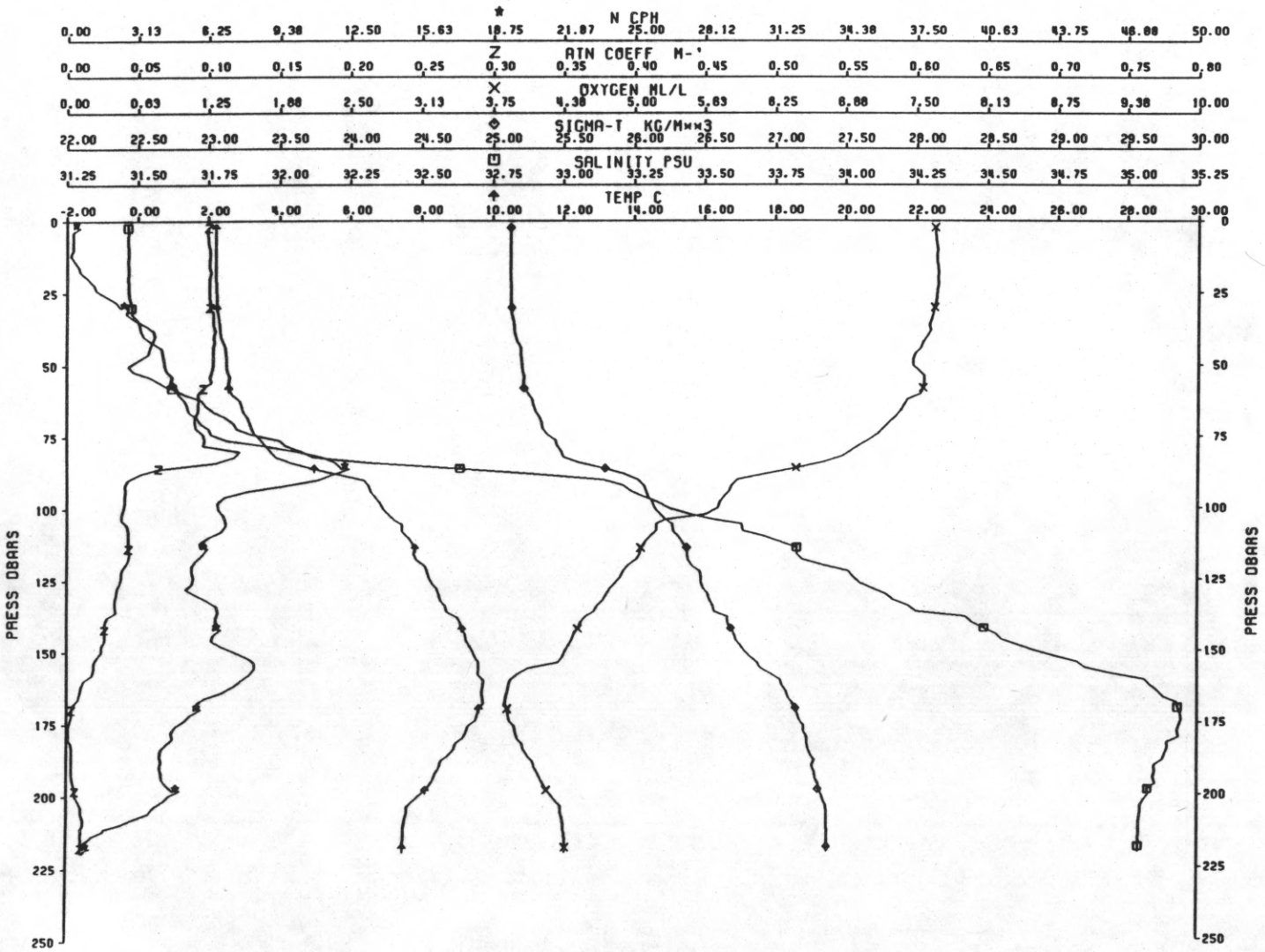


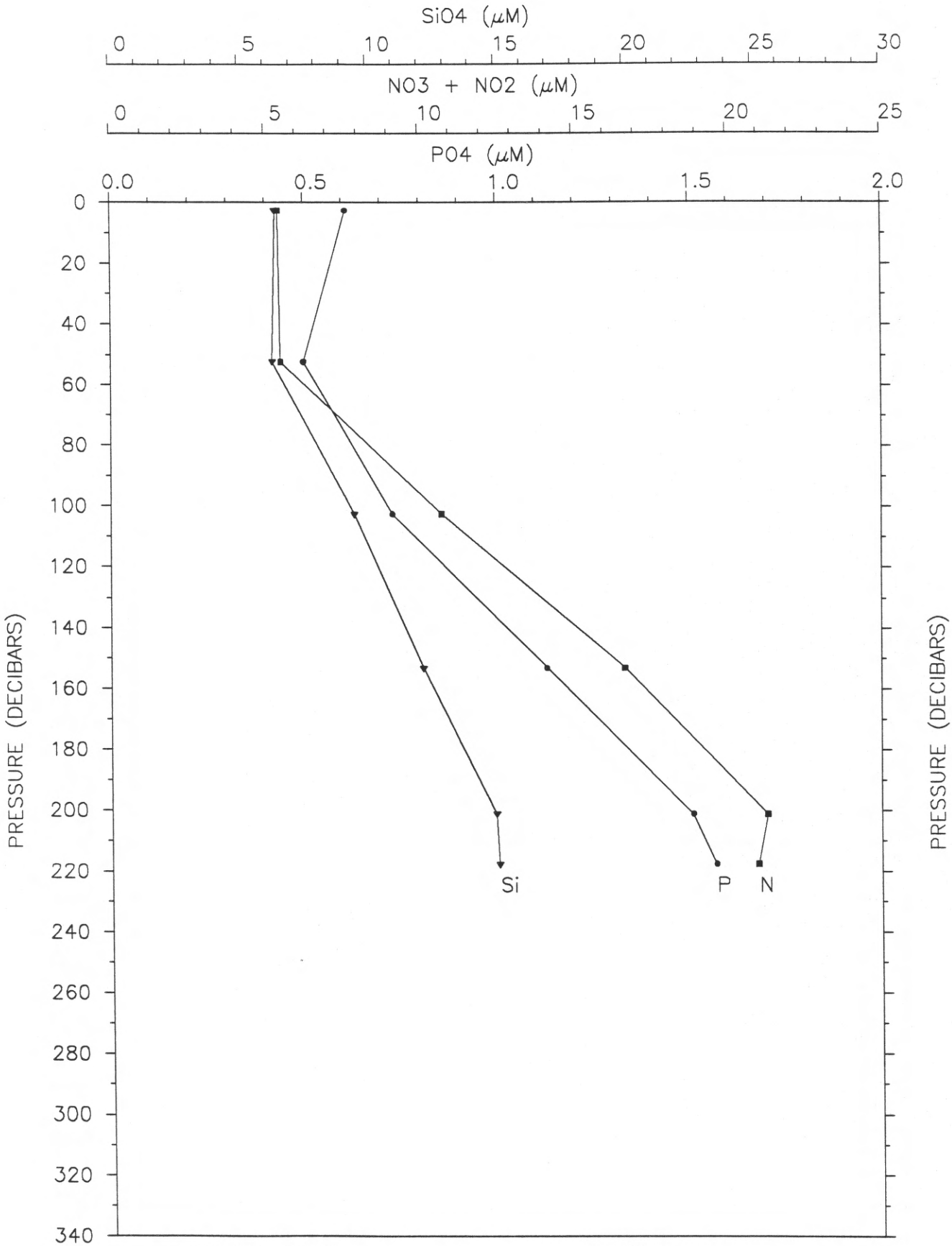


CRUISE: OC181
13 FEB 87
07: 52: 30 GMT

STATION: 78
42 40.04 N
67 12.07 W

0C181U CAST #79

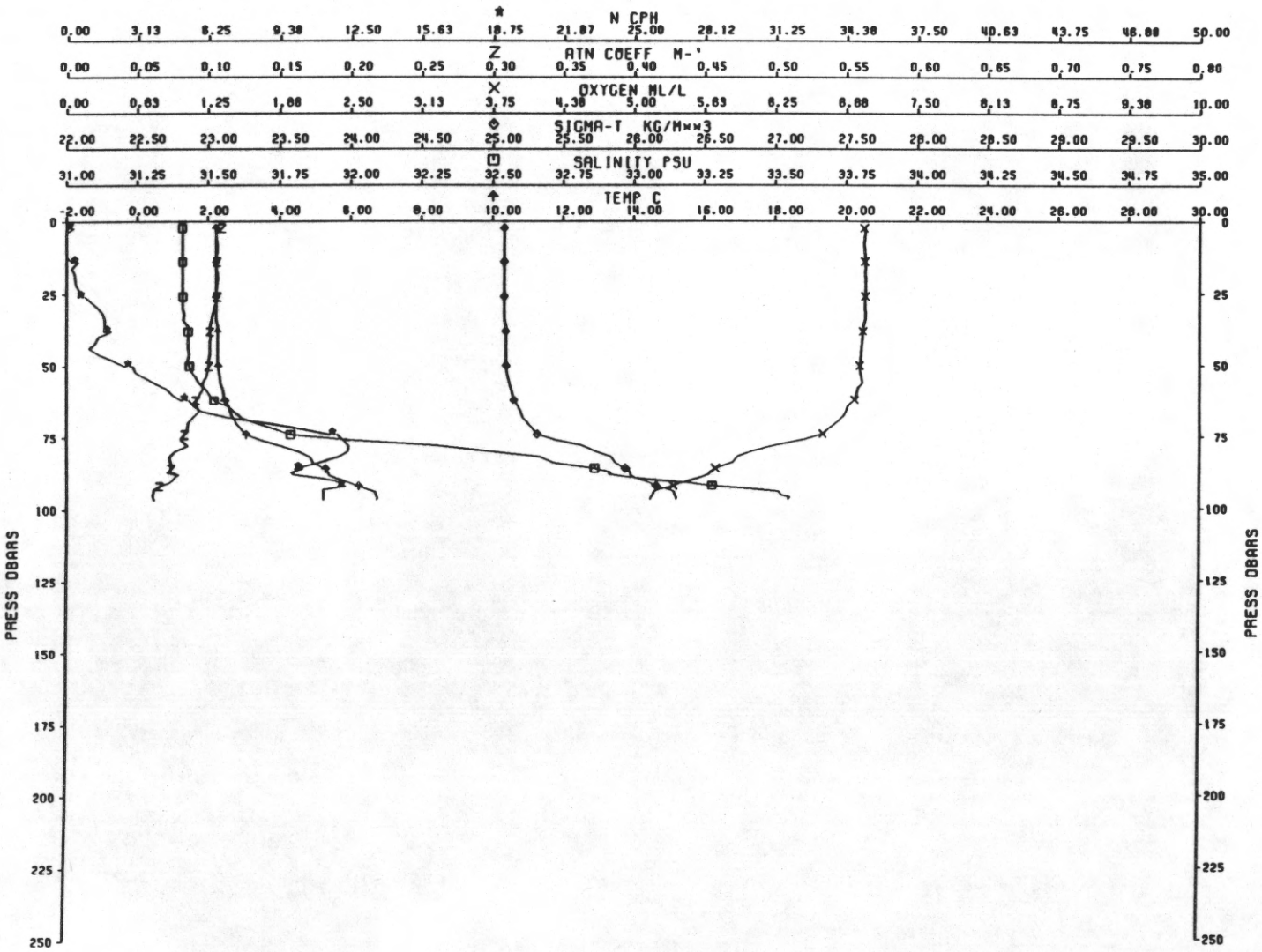


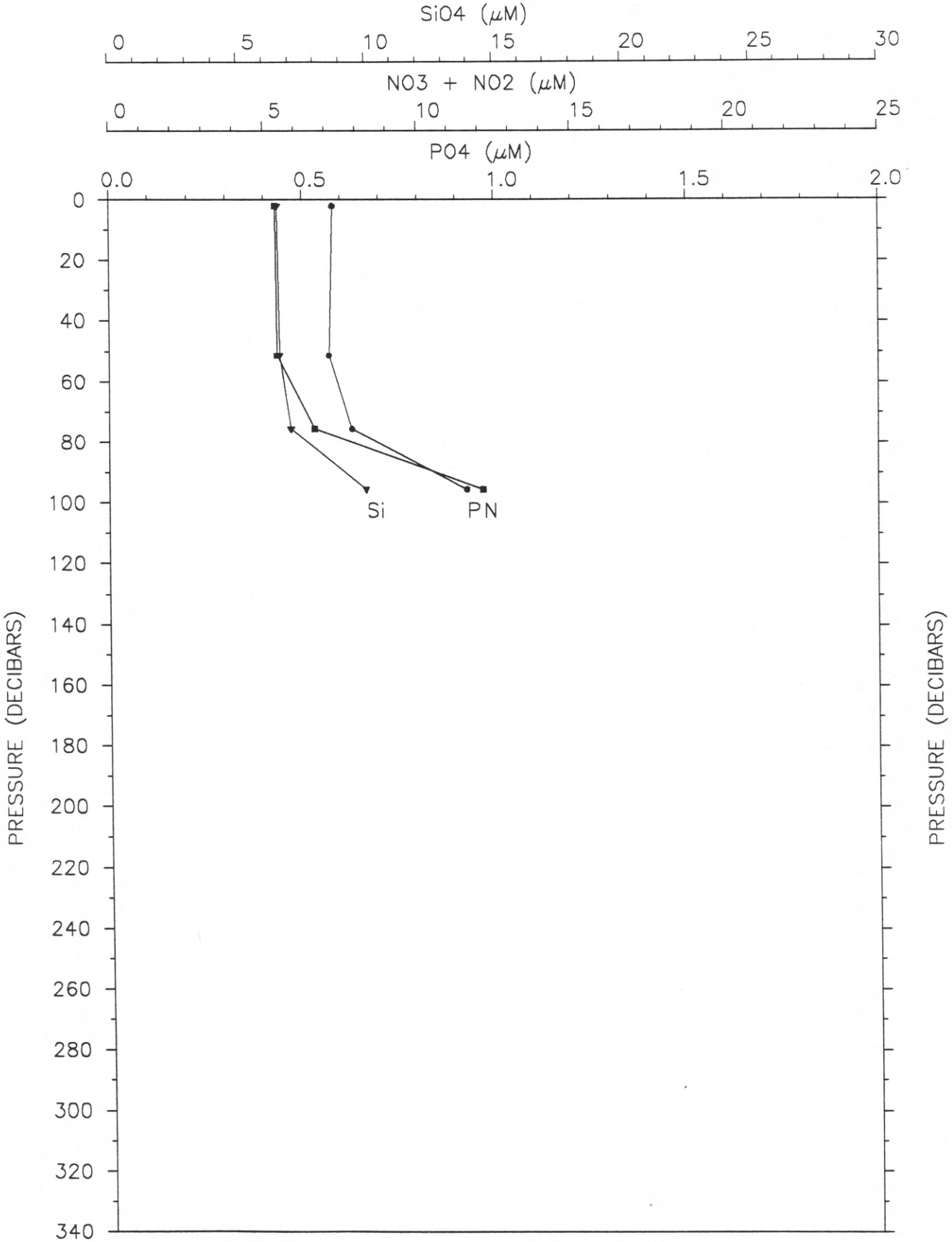


CRUISE: OC181
13 FEB 87
13: 52: 30 GMT

STATION: 79
42 20.65 N
65 54.54 W

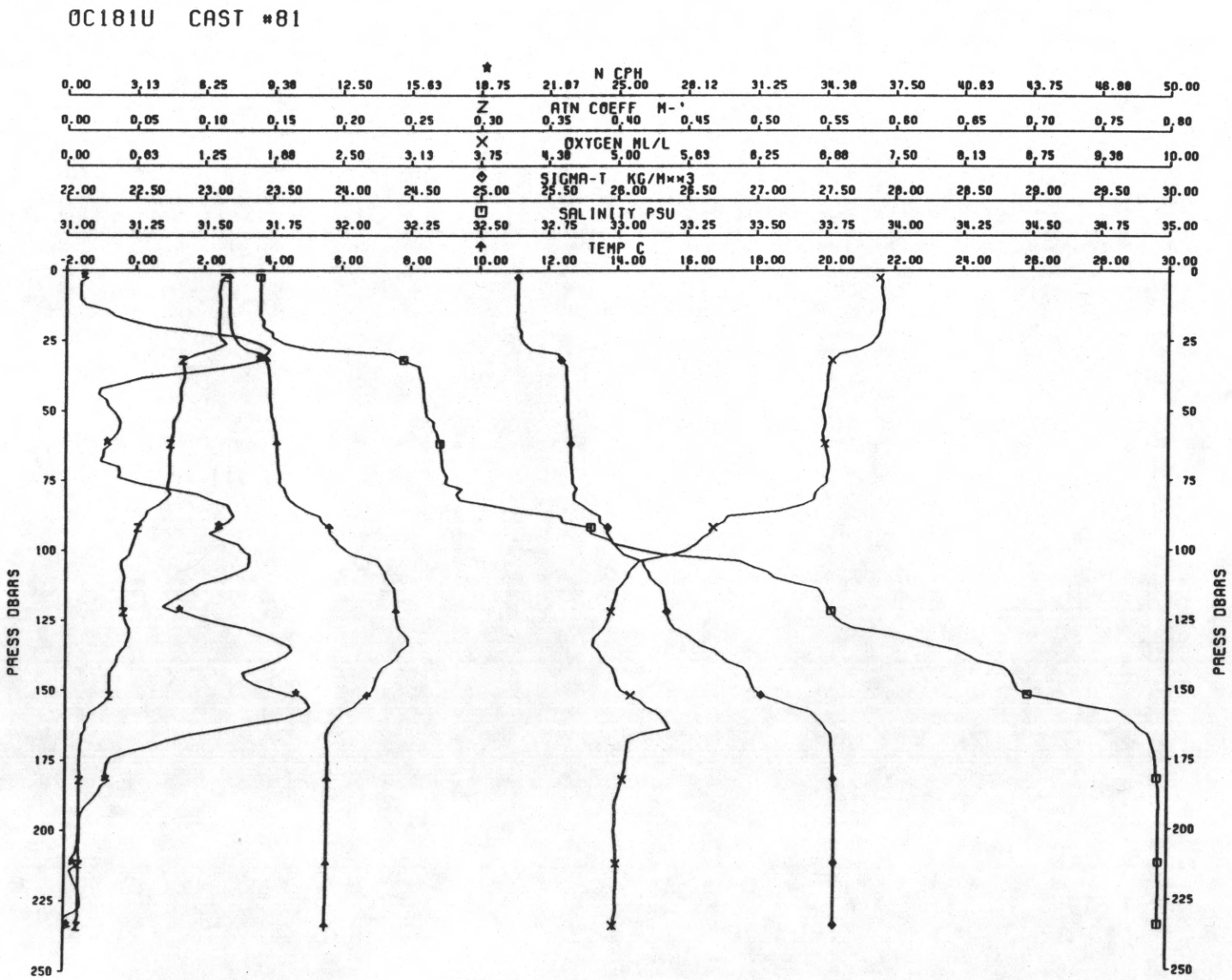
0C181U CAST #80

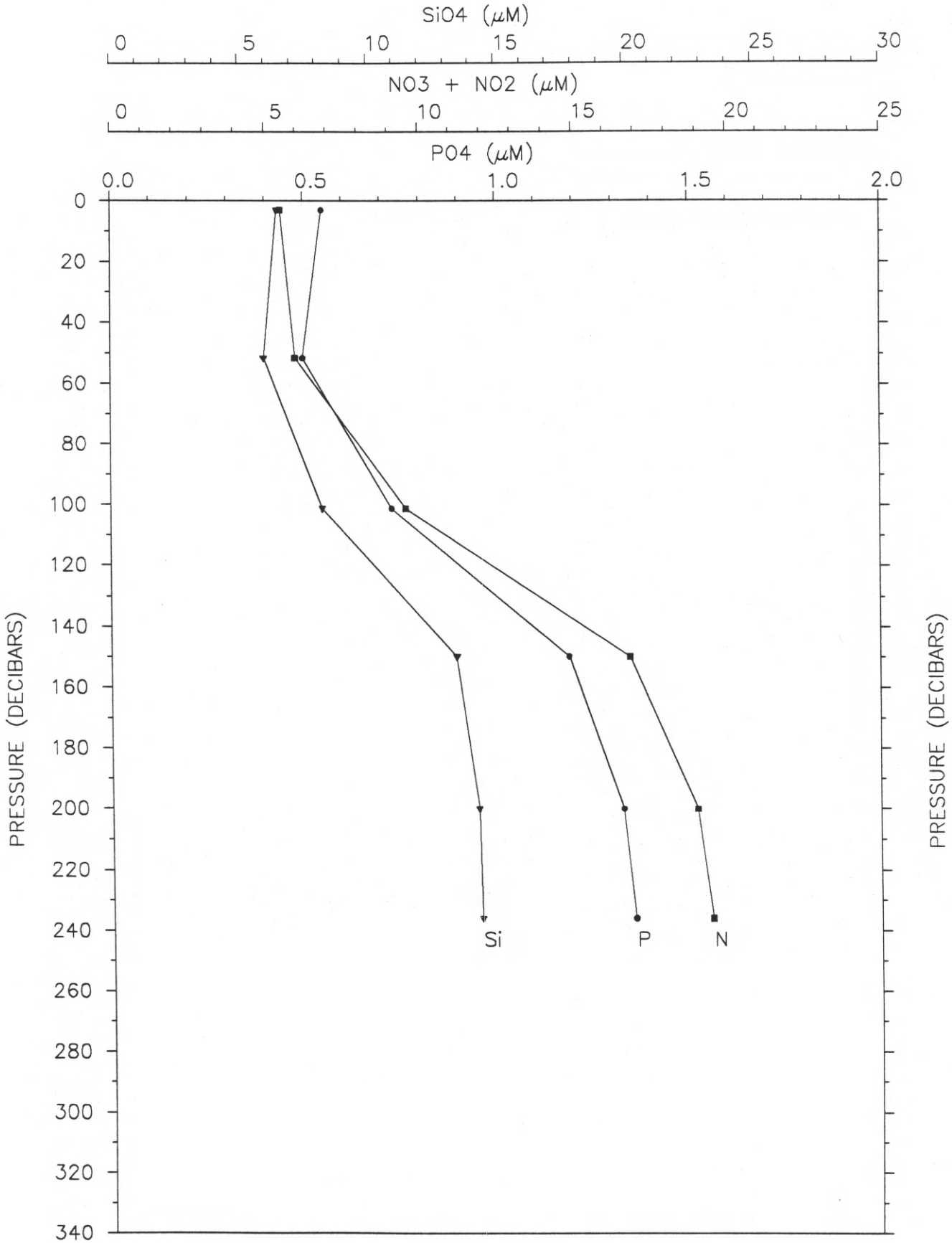




CRUISE: OC181
13 FEB 87
17: 22: 30 GMT

STATION: 80
42 28.00 N
65 47.62 W

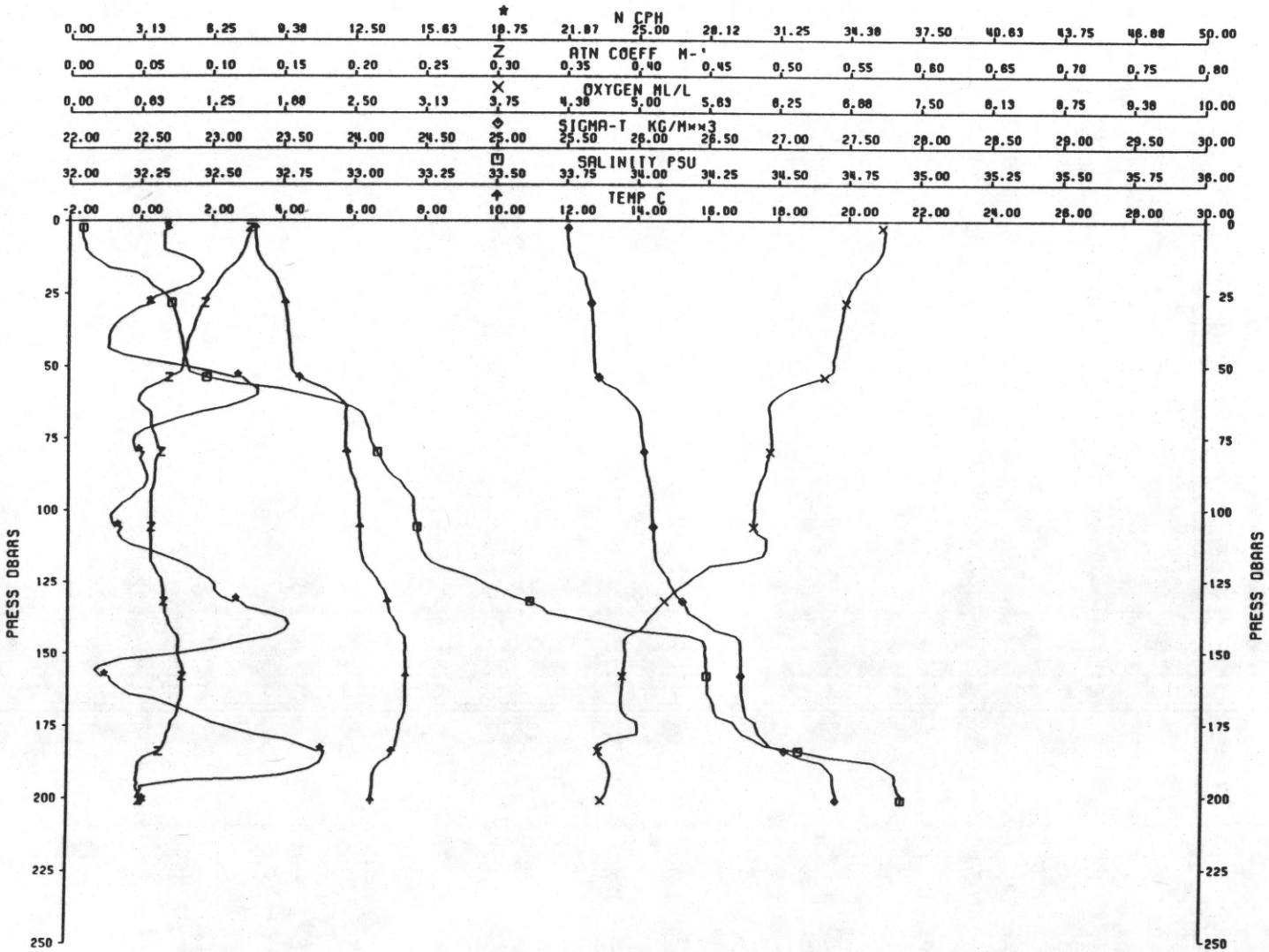

0C181U CAST #81
N CPH
0.00 3.13 6.25 9.38 12.50 15.63 18.75 21.87 25.00 28.12 31.25 34.38 37.50 40.63 43.75 46.88 50.00
ATN COEFF M-'
0.00 0.05 0.10 0.15 0.20 0.25 0.30 0.35 0.40 0.45 0.50 0.55 0.60 0.65 0.70 0.75 0.80
OXYGEN ML/L
0.00 0.63 1.25 1.88 2.50 3.13 3.75 4.38 5.00 5.63 6.25 6.88 7.50 8.13 8.75 9.38 10.00
SIGMA-T KG/M**3
22.00 22.50 23.00 23.50 24.00 24.50 25.00 25.50 26.00 26.50 27.00 27.50 28.00 28.50 29.00 29.50 30.00
SALINITY PSU
31.00 31.25 31.50 31.75 32.00 32.25 32.50 32.75 33.00 33.25 33.50 33.75 34.00 34.25 34.50 34.75 35.00
TEMP C
-2.00 0.00 2.00 4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00 30.00
PRESS DBARS
0 25 50 75 100 125 150 175 200 225 250

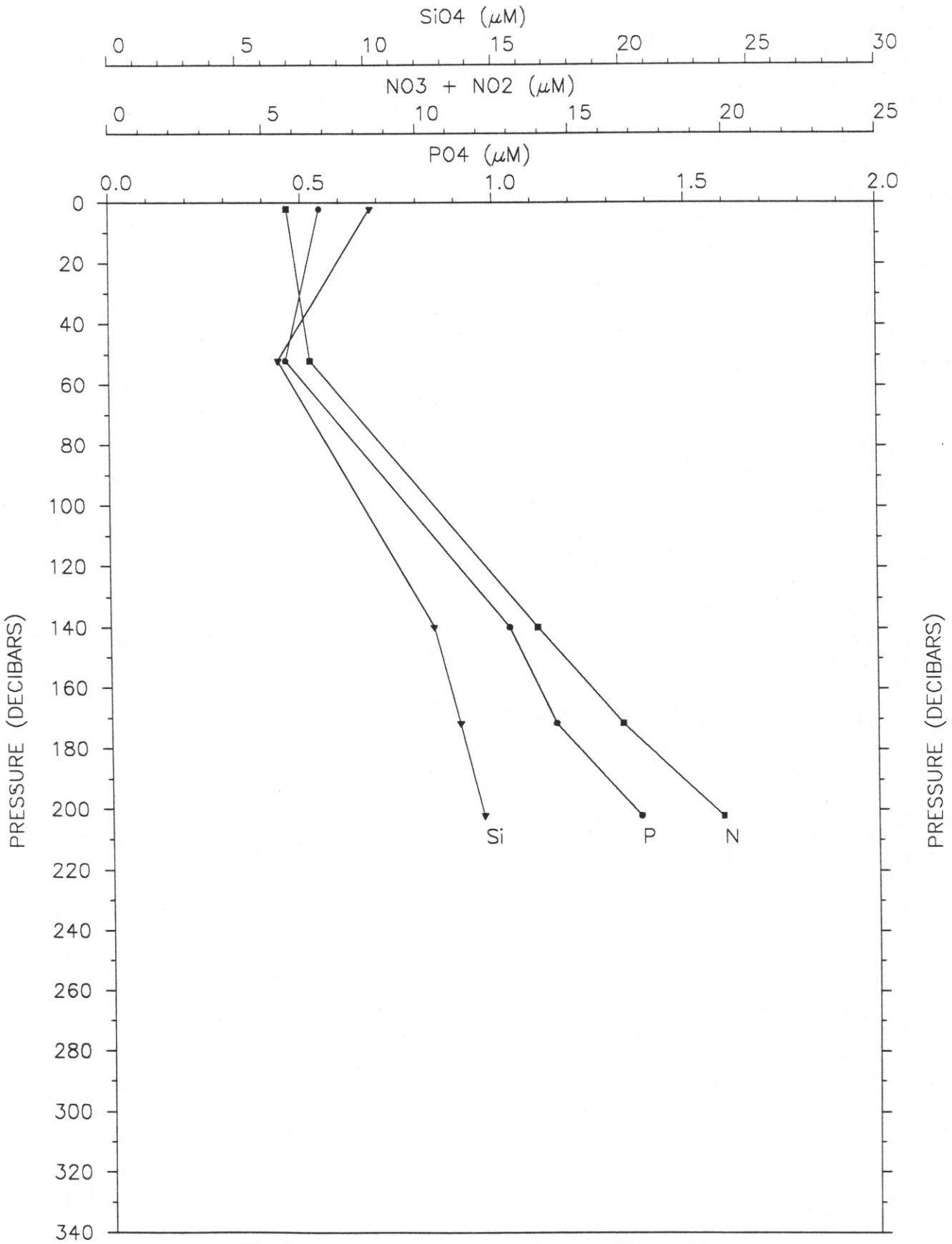


CRUISE: OC181
13 FEB 87
19: 22: 30 GMT

STATION: 81
42 13.99 N
66 00.00 W

0C181U CAST #82

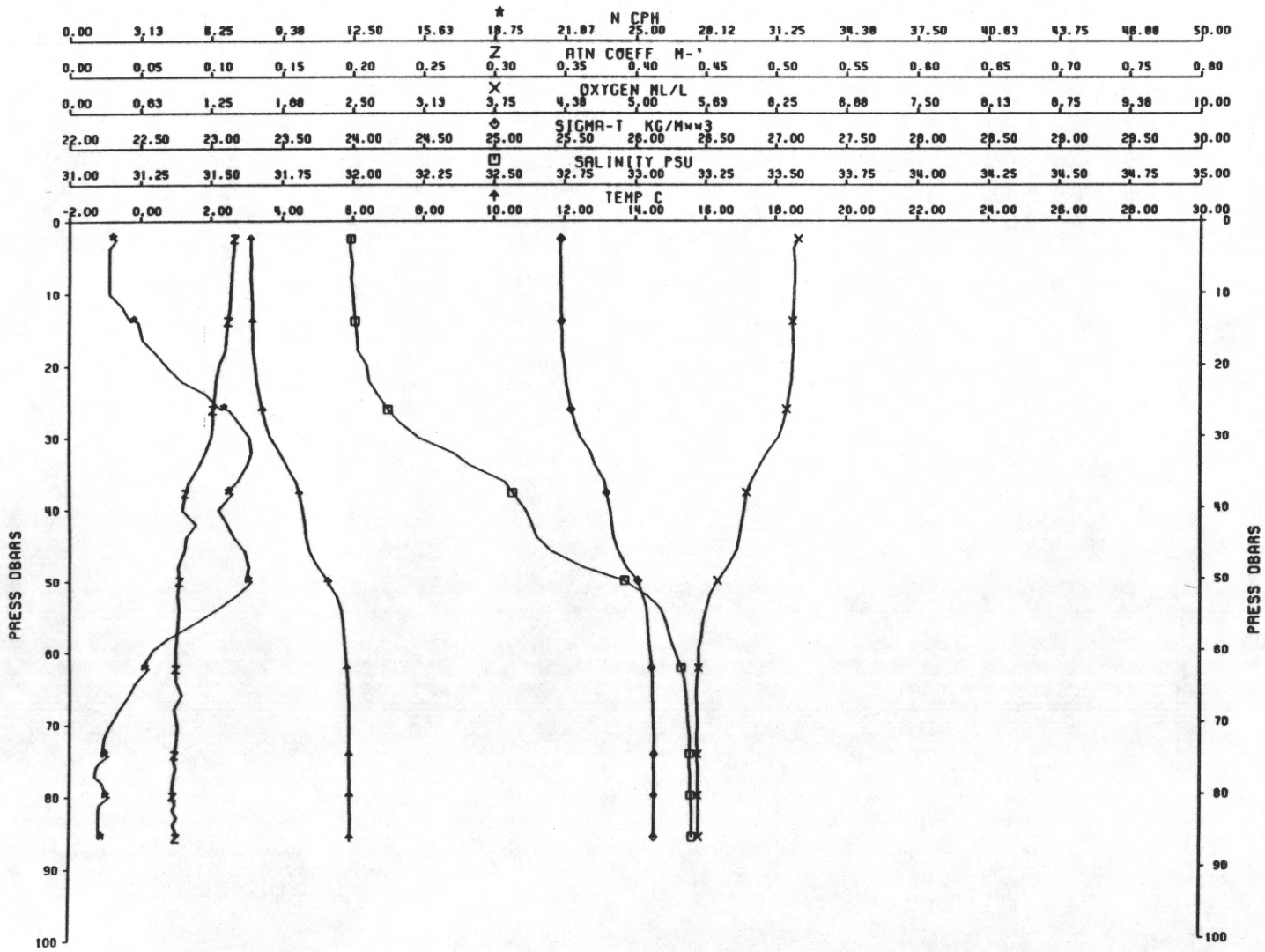


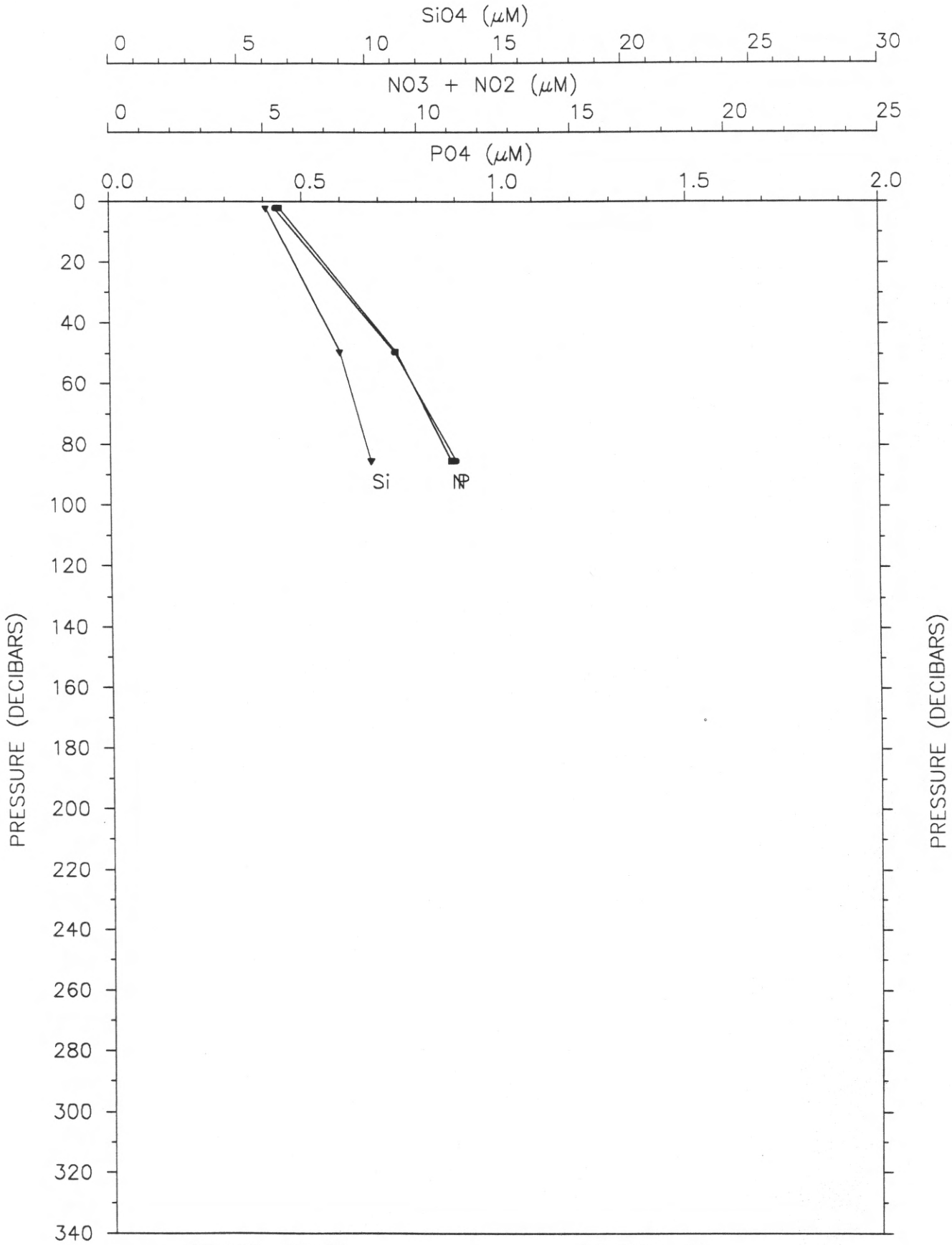


CRUISE: OC181
13 FEB 87
20: 45: 00 GMT

STATION: 82
42 08.11 N
66 05.20 W

OC181A CAST #83

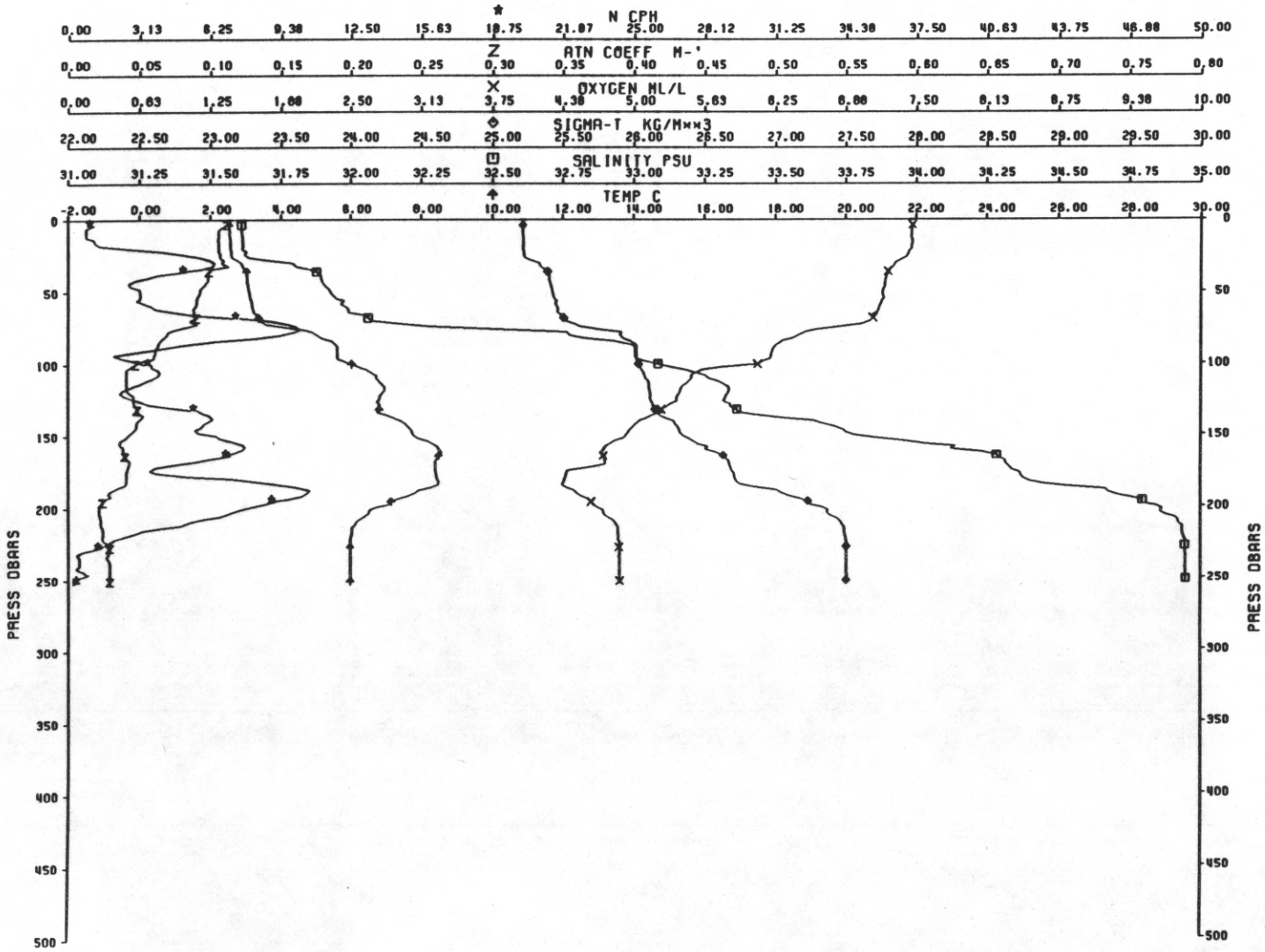


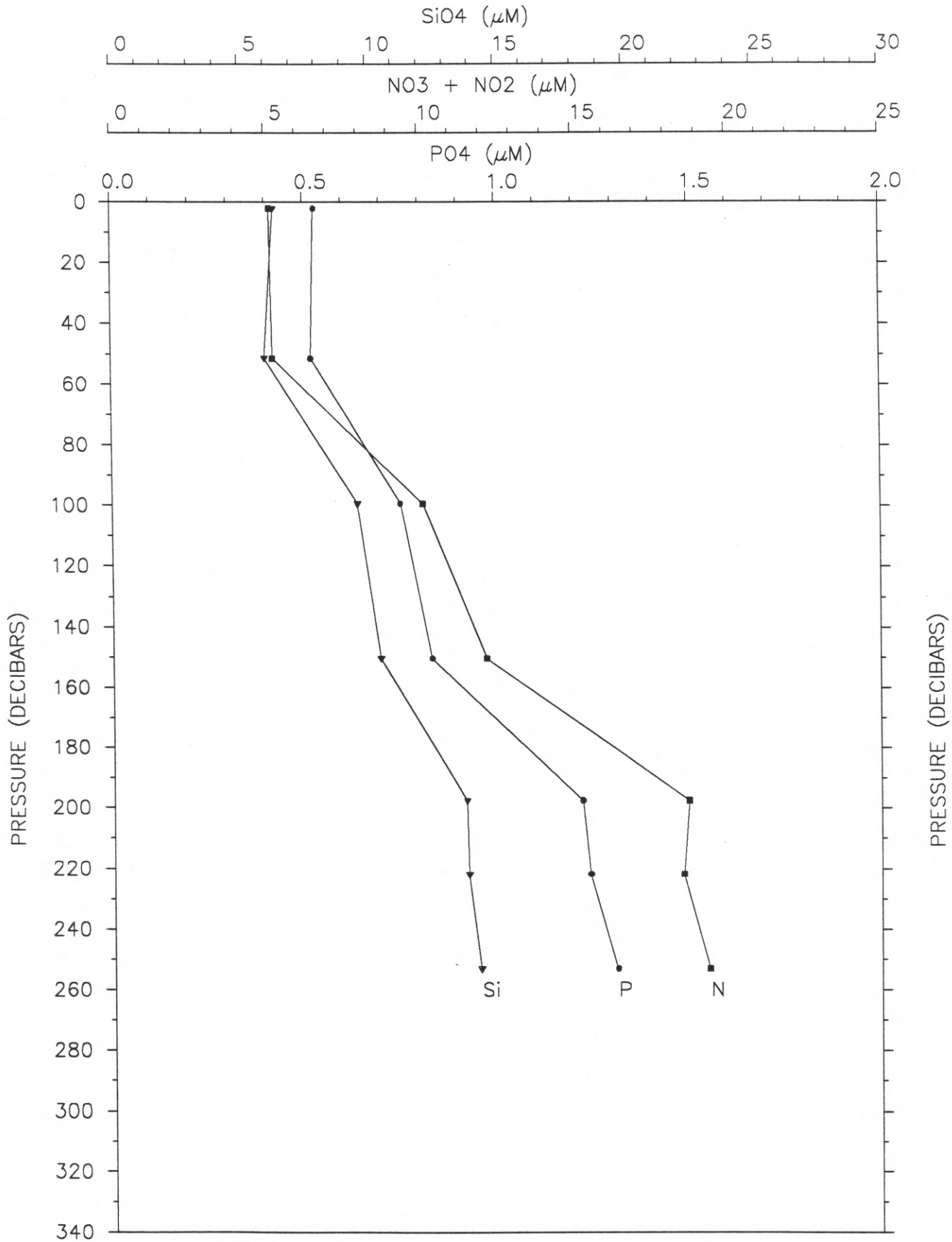


CRUISE: OC181
13 FEB 87
22: 00: 00 GMT

STATION: 83
42 01.95 N
66 11.15 W

OC181U CAST #84

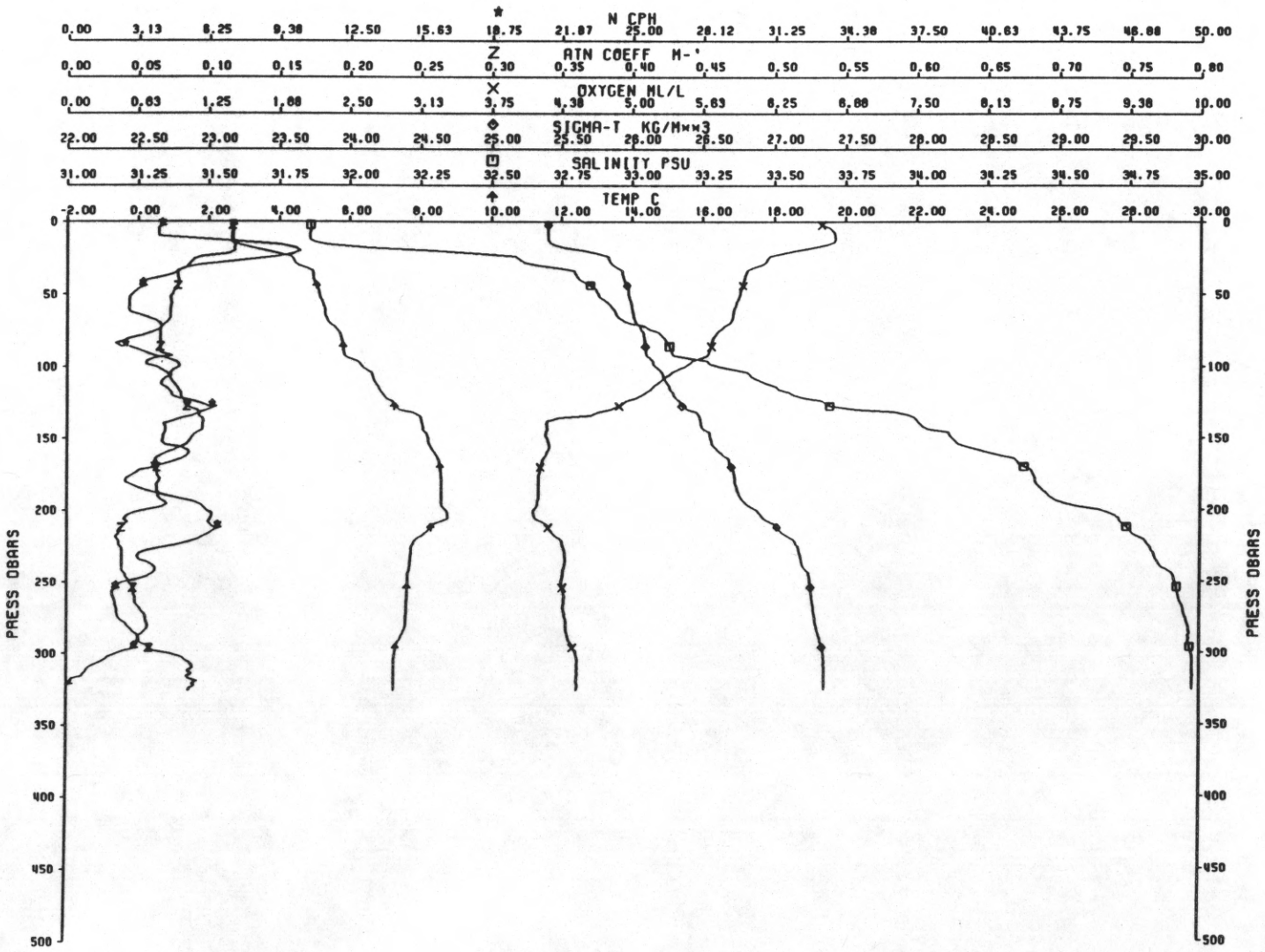


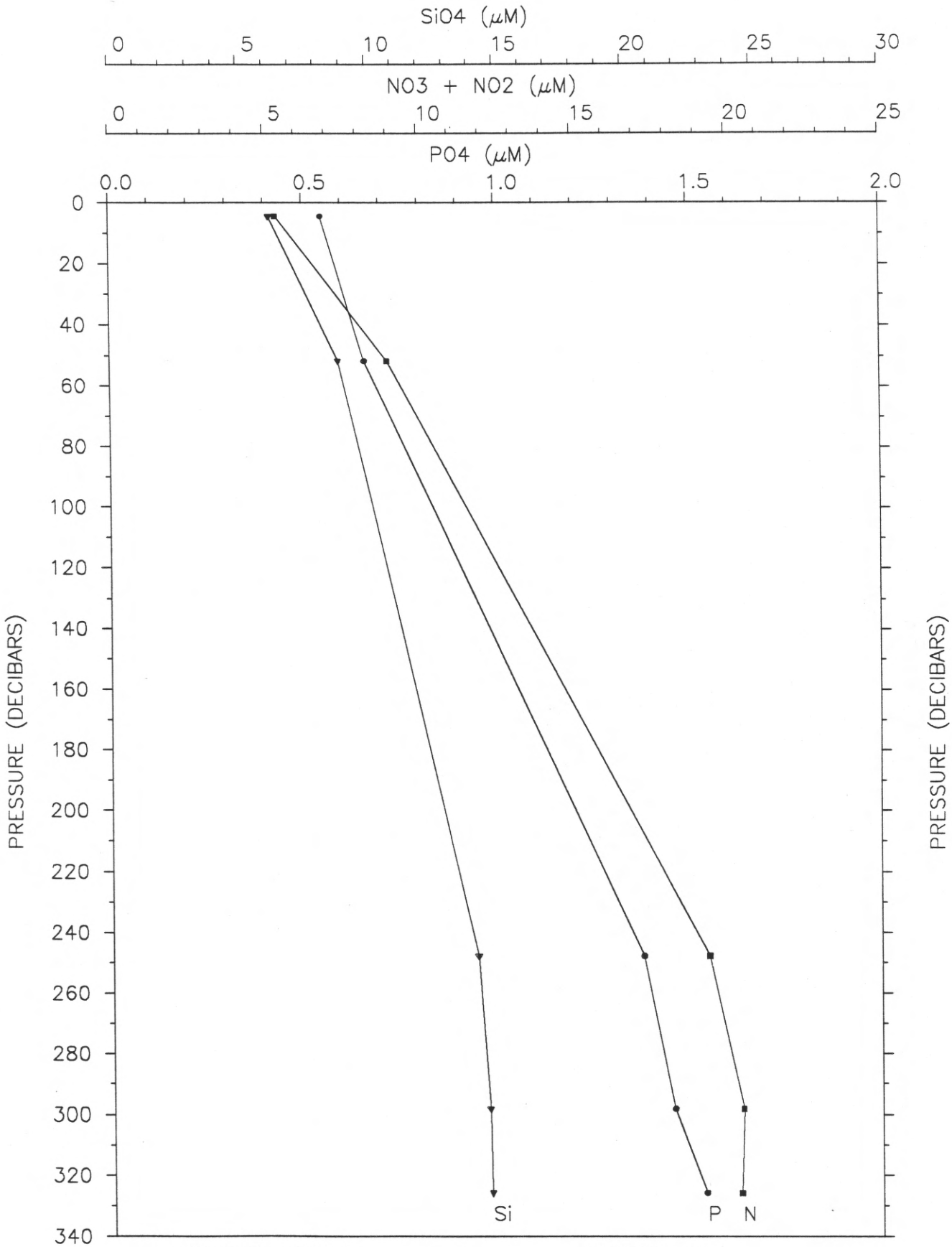


CRUISE: OC181
14 FEB 87
01: 52: 30 GMT

STATION: 84
42 24.49 N
66 20.17 W

OC181A CAST #85

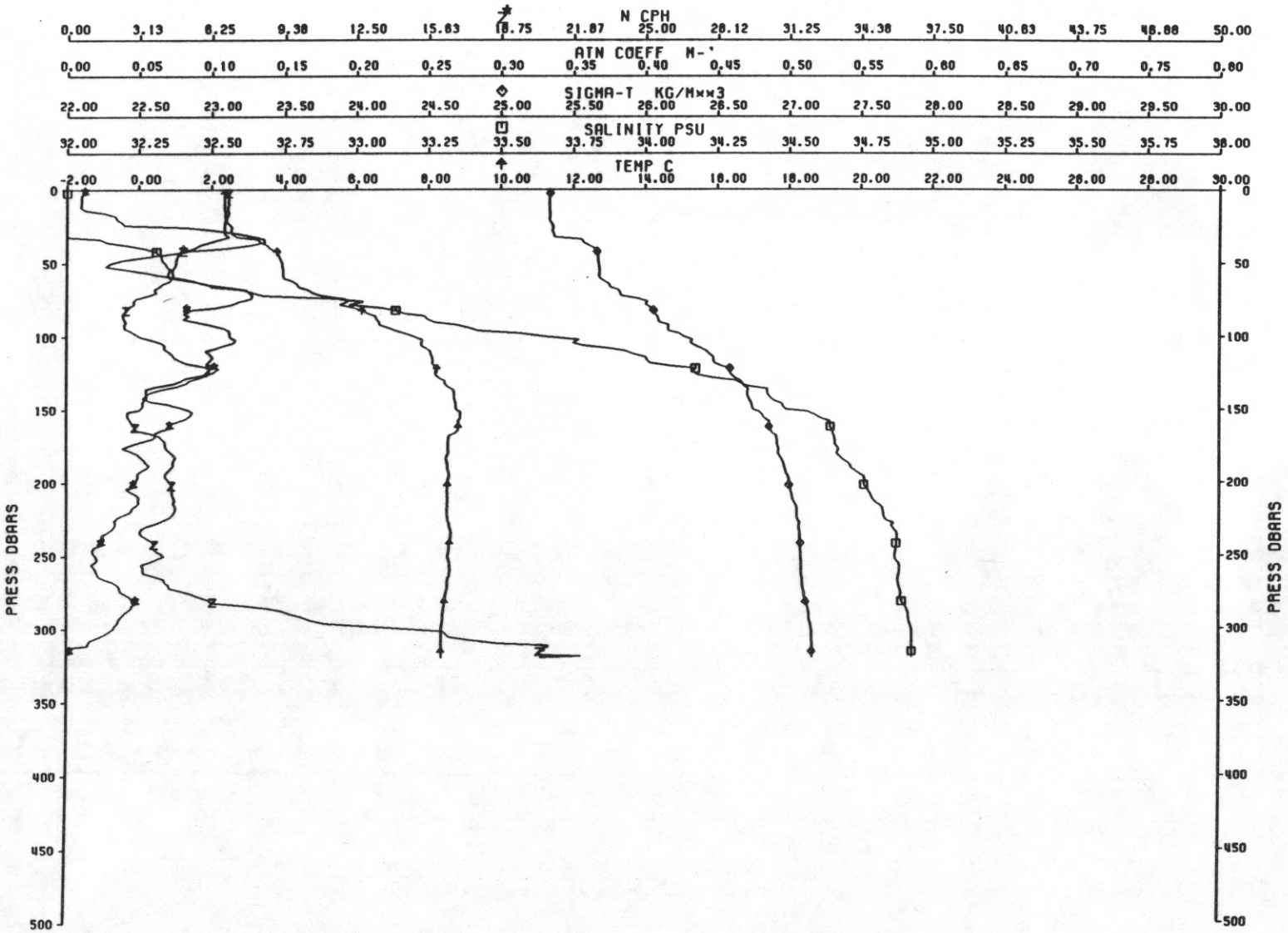


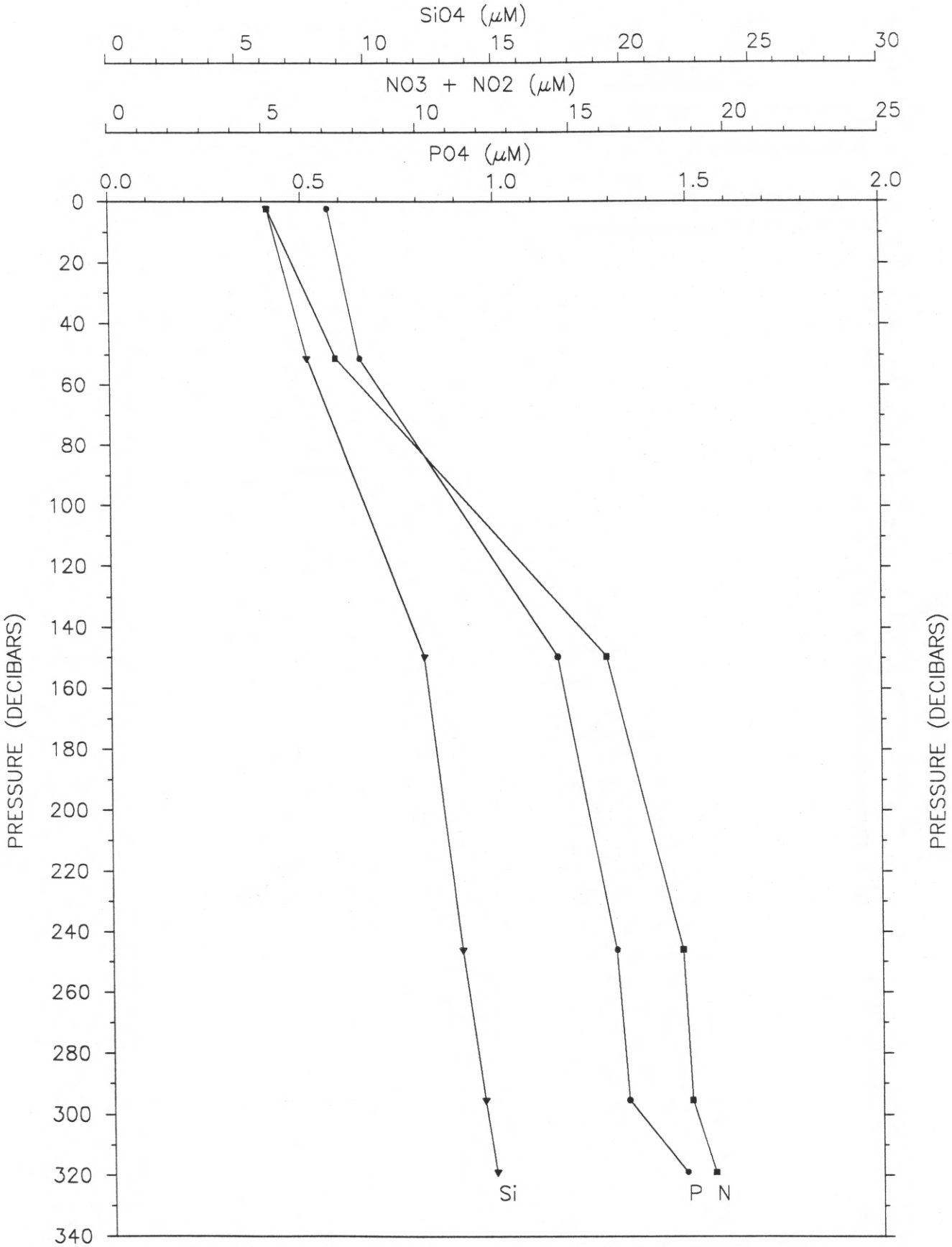


CRUISE: OC181
14 FEB 87
05: 30: 00 GMT

STATION: 85
42 27.55 N
66 46.67 W

0C181B CAST #86

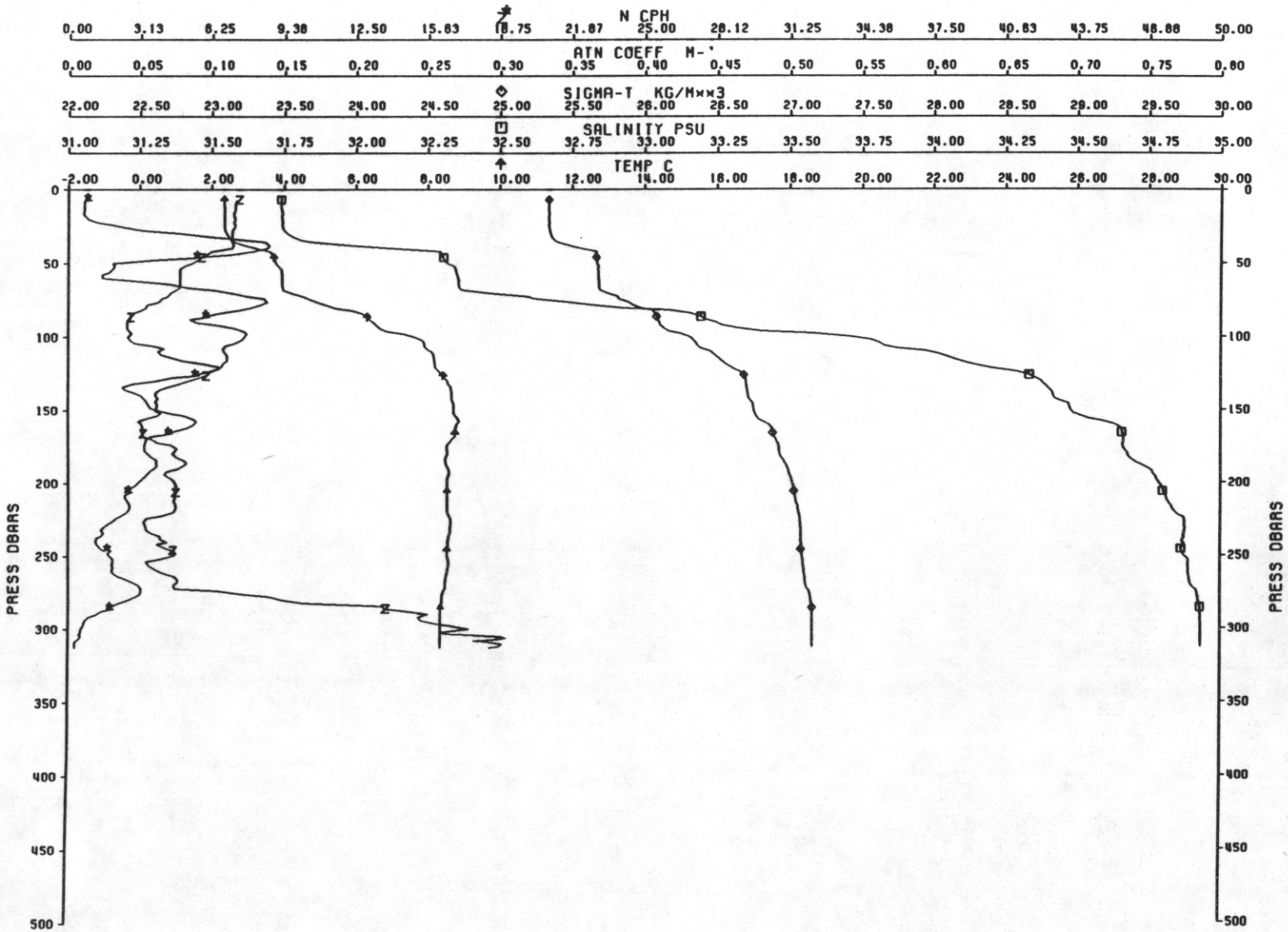




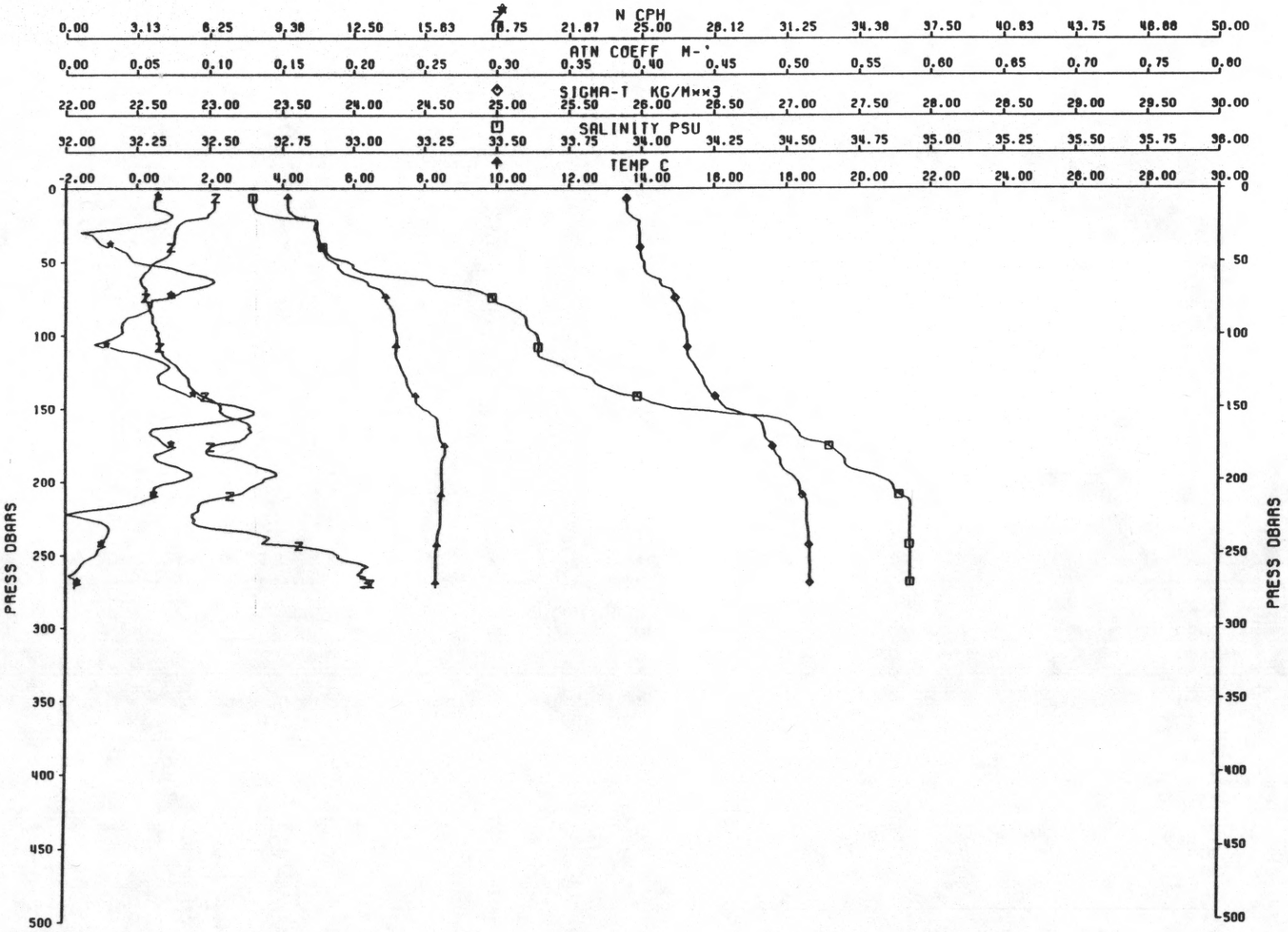
CRUISE: OC181
14 FEB 87
13: 07: 30 GMT

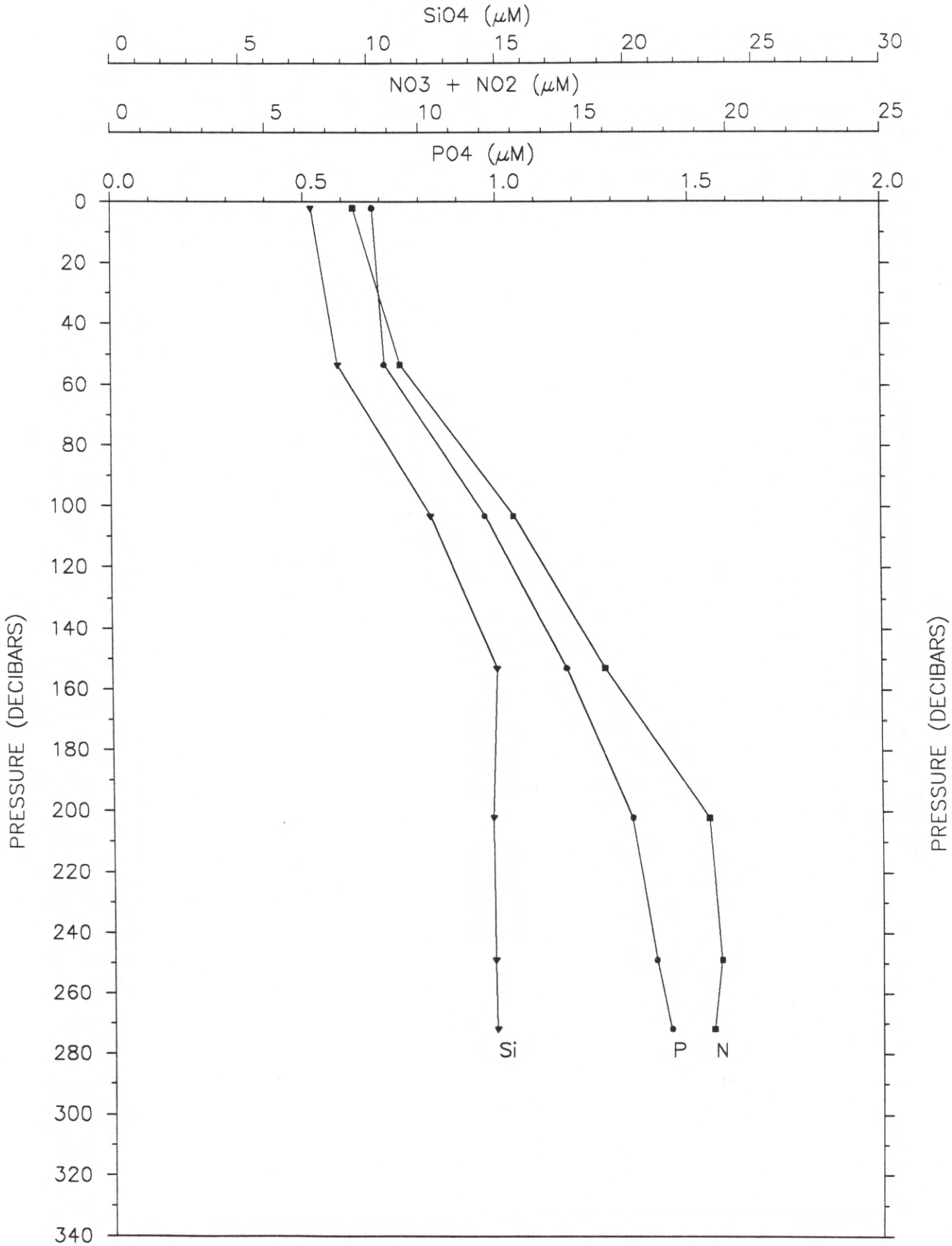
STATION: 86
42 31.65 N
67 13.88 W

0C181A CAST #87



0C181A CAST #88

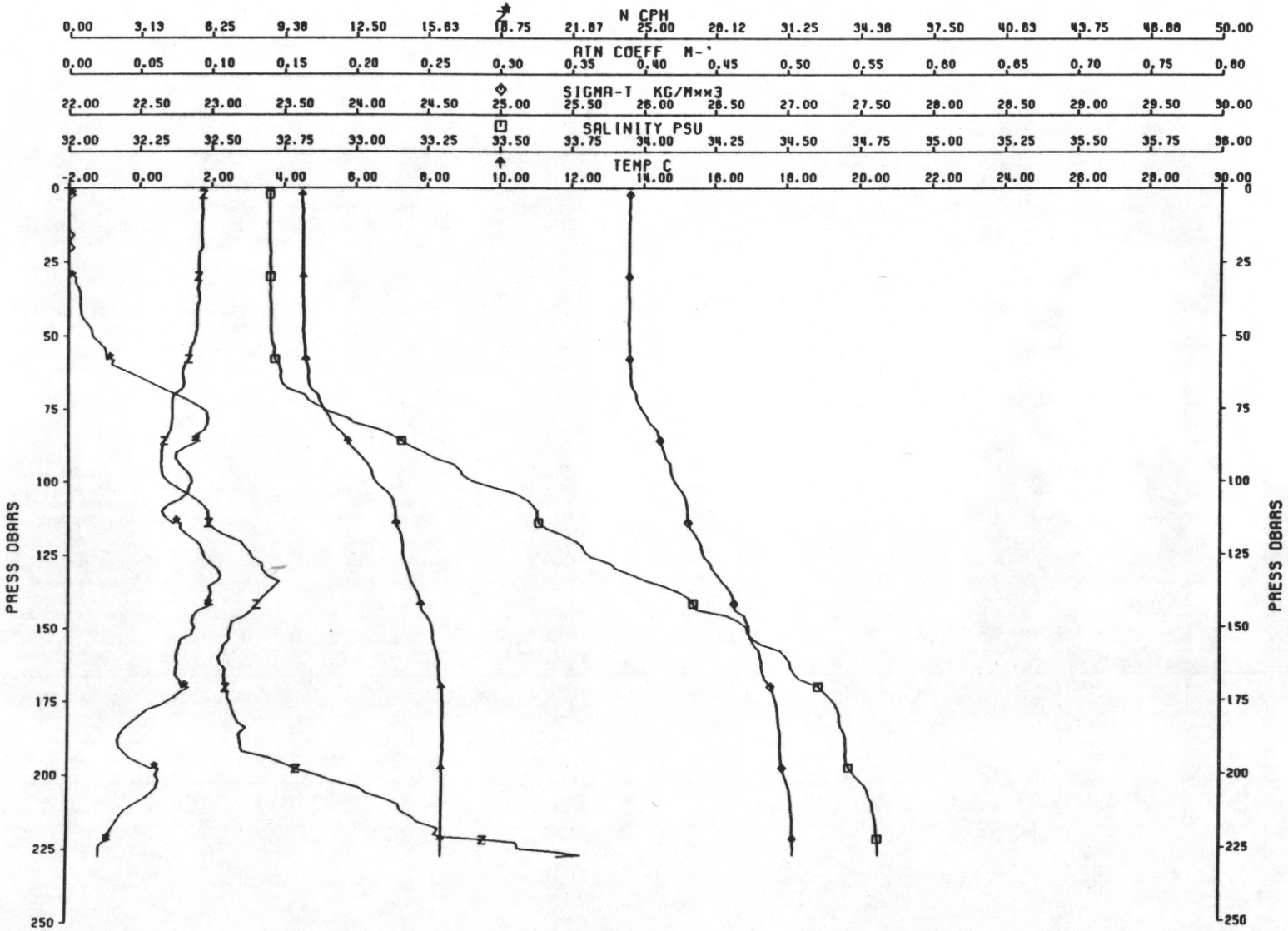


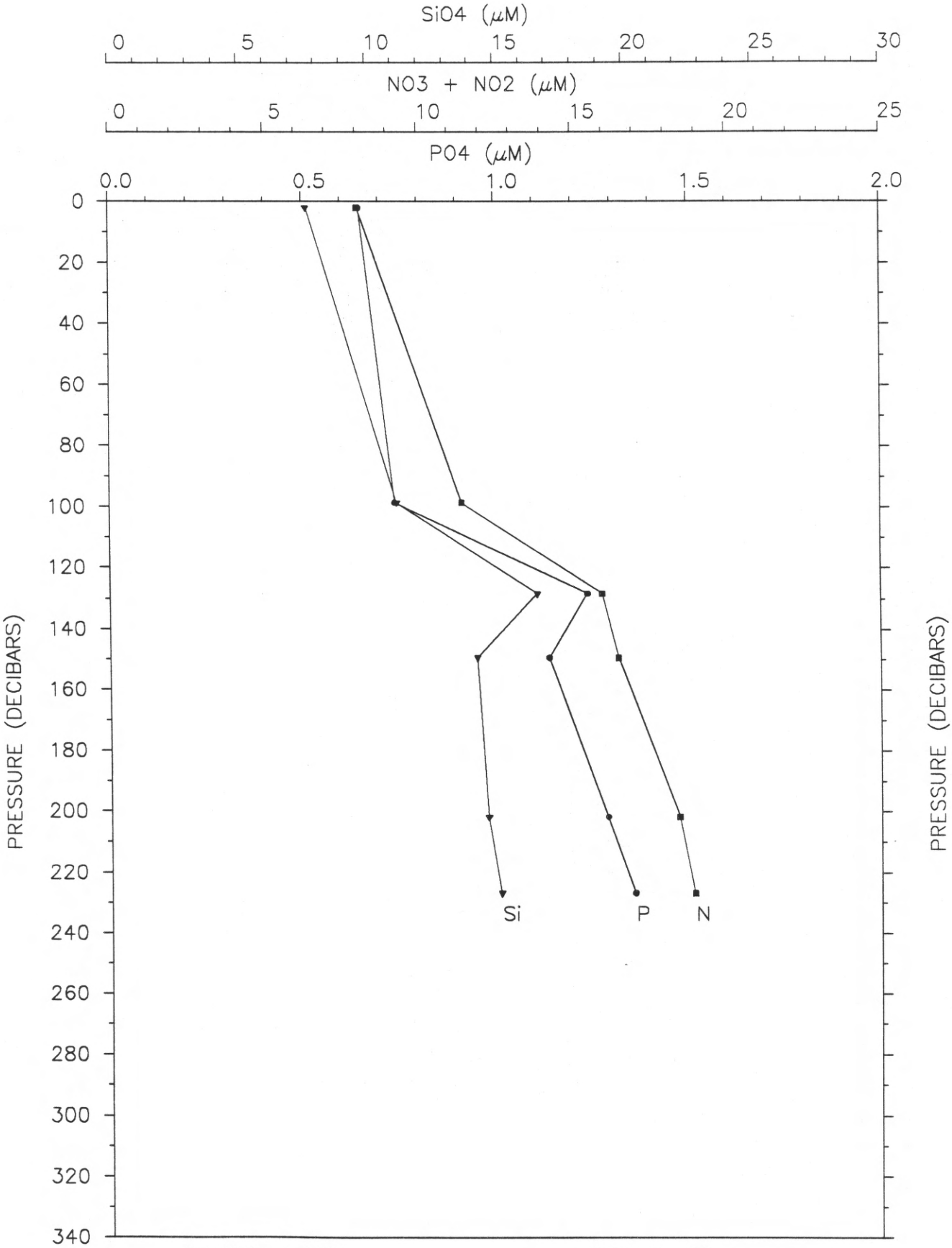


CRUISE: OC181
14 FEB 87
16: 22: 30 GMT

STATION: 88
42 32.10 N
67 29.02 W

OC181A CAST #89

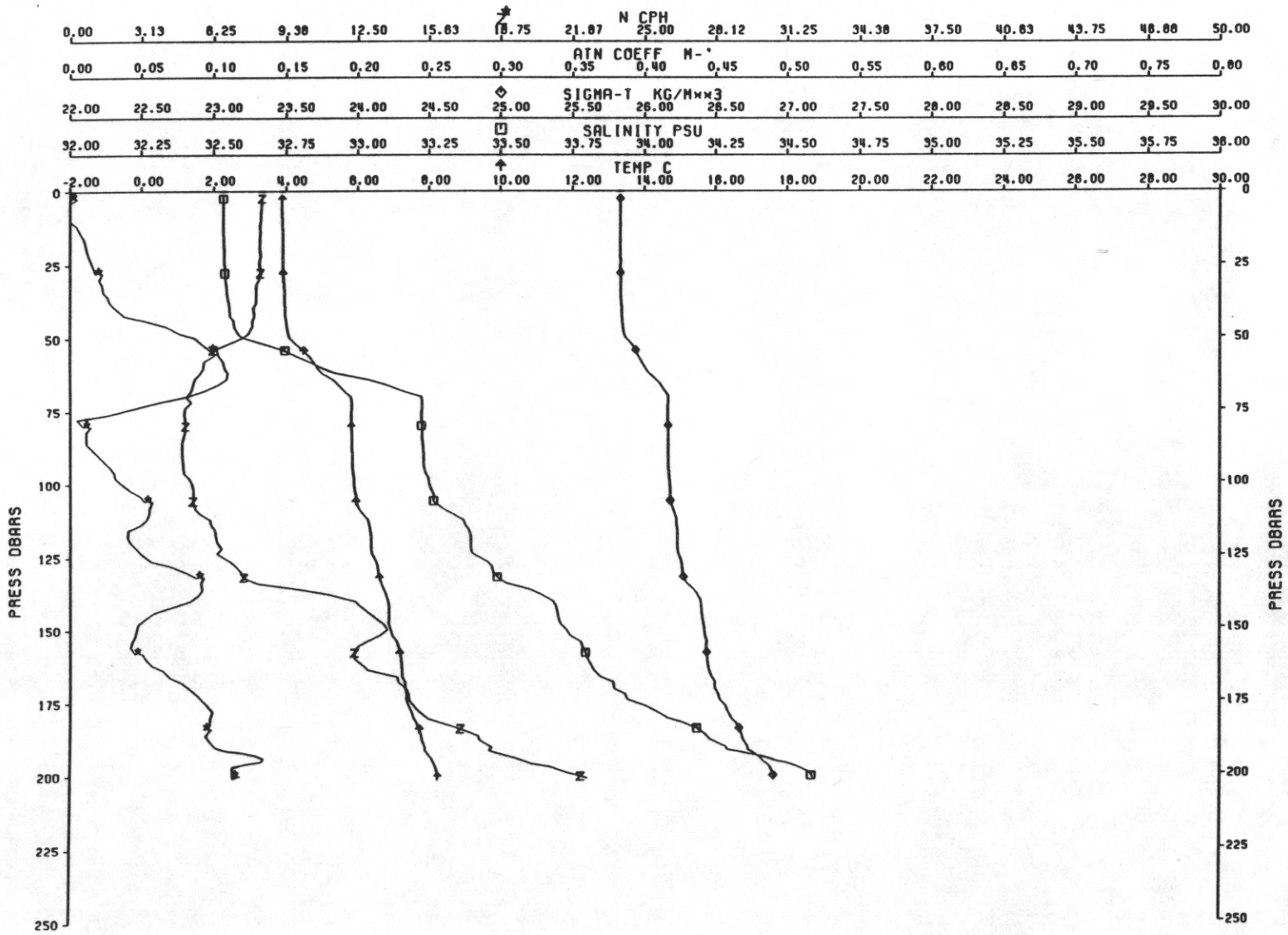


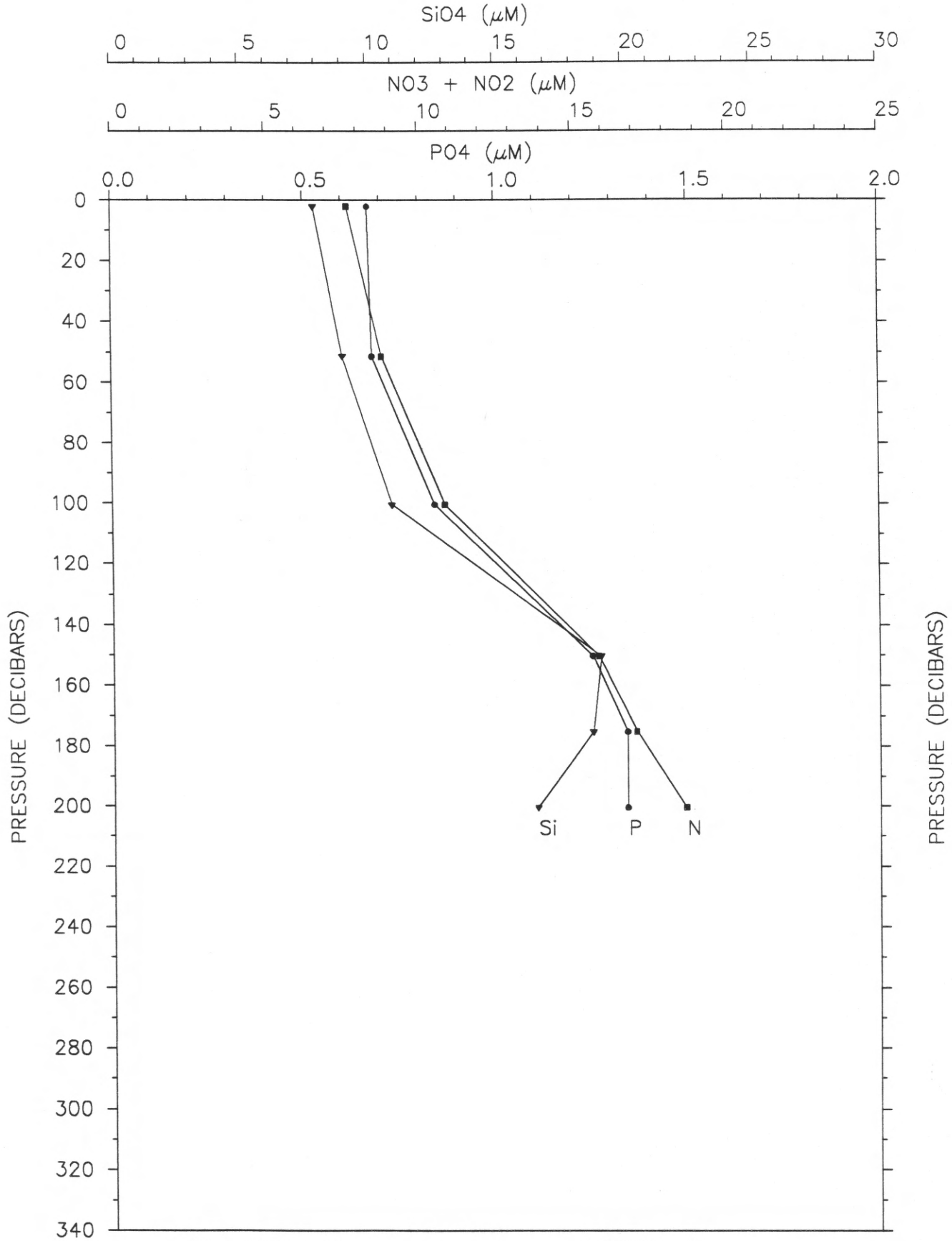


CRUISE: OC181
14 FEB 87
18: 52: 30 GMT

STATION: 89
42 32.46 N
67 44.91 W

ØC181A CAST #90

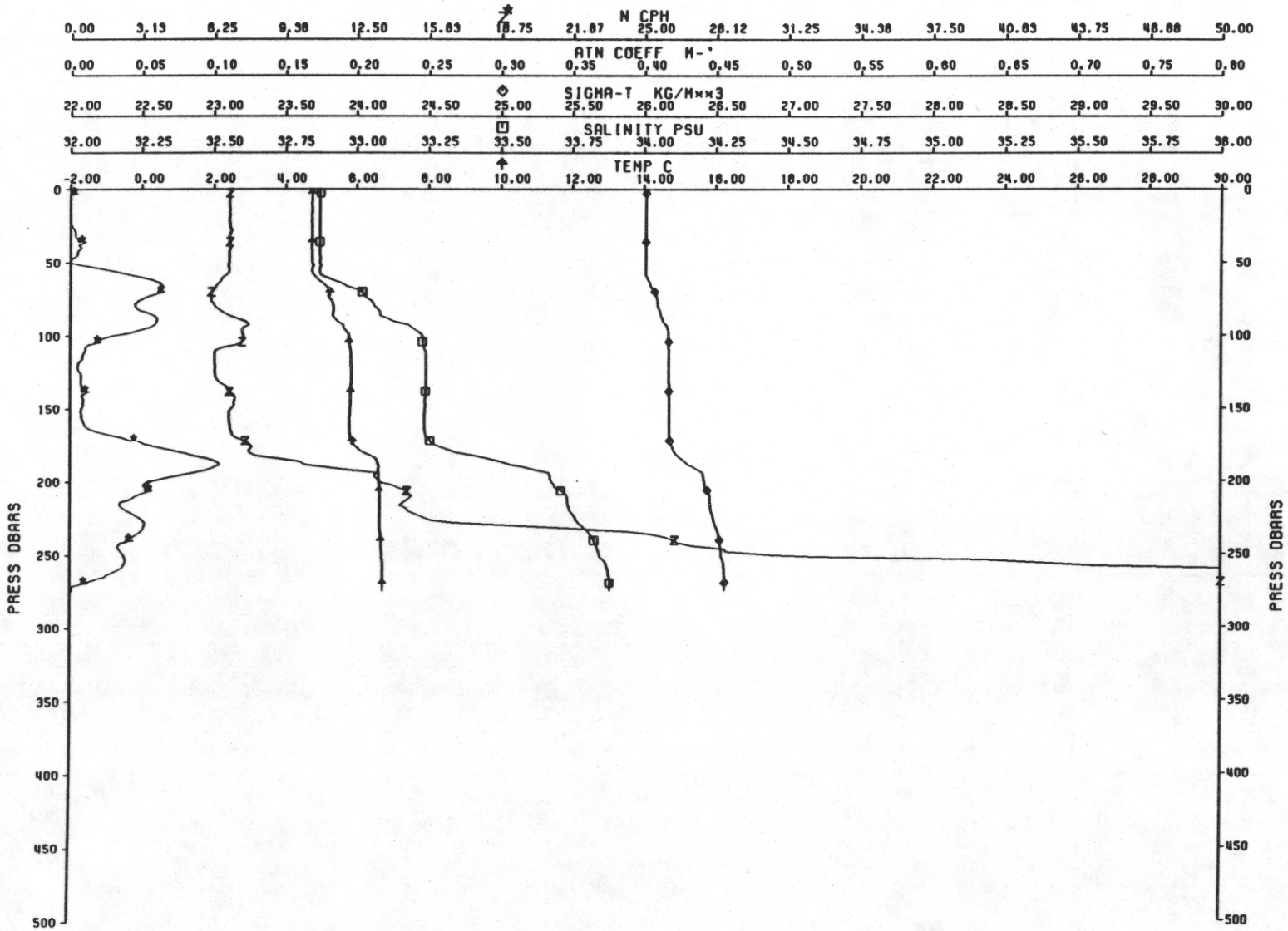


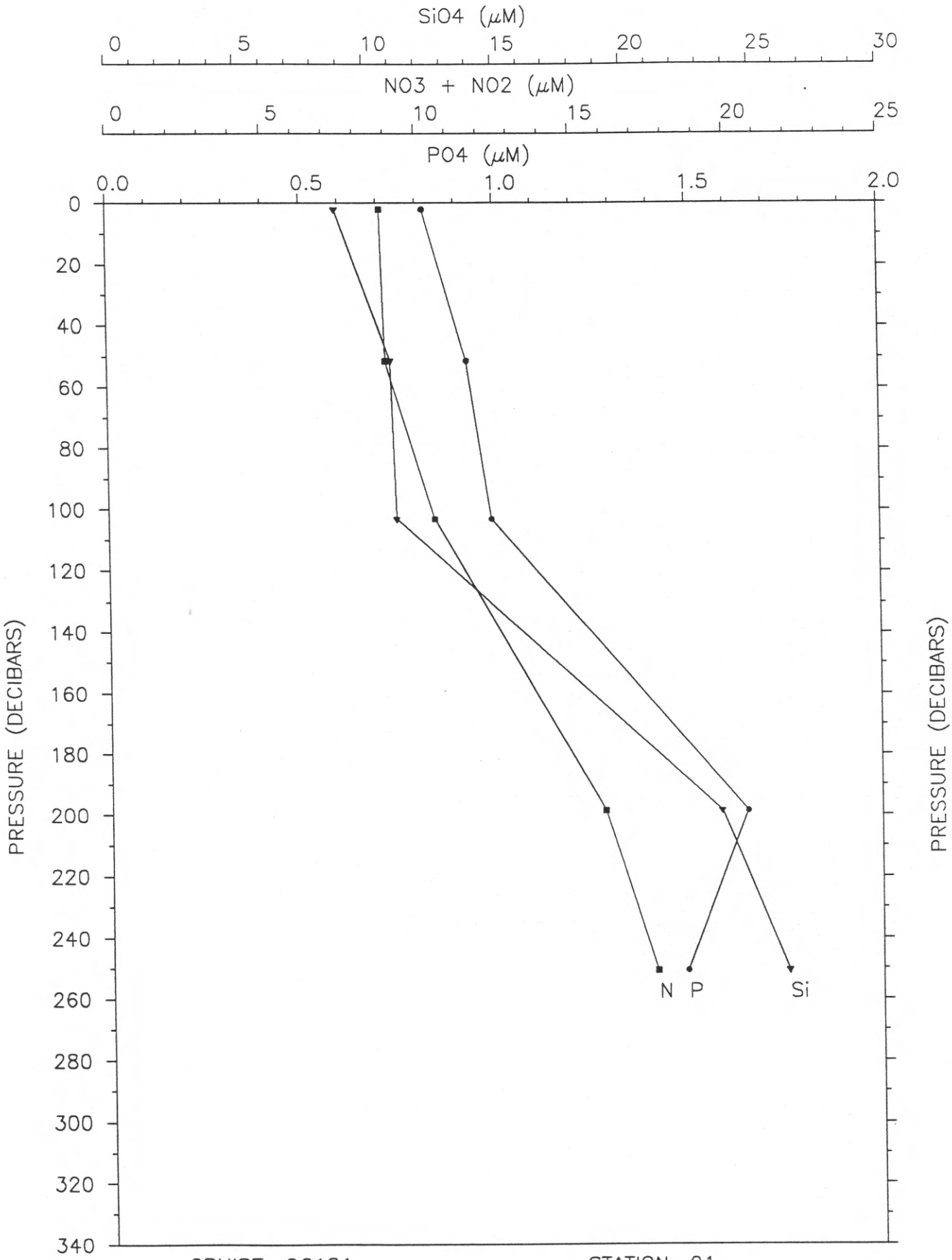


CRUISE: OC181
14 FEB 87
21: 00: 00 GMT

STATION: 90
42 33.40 N
67 59.96 W

0C181U CAST #91

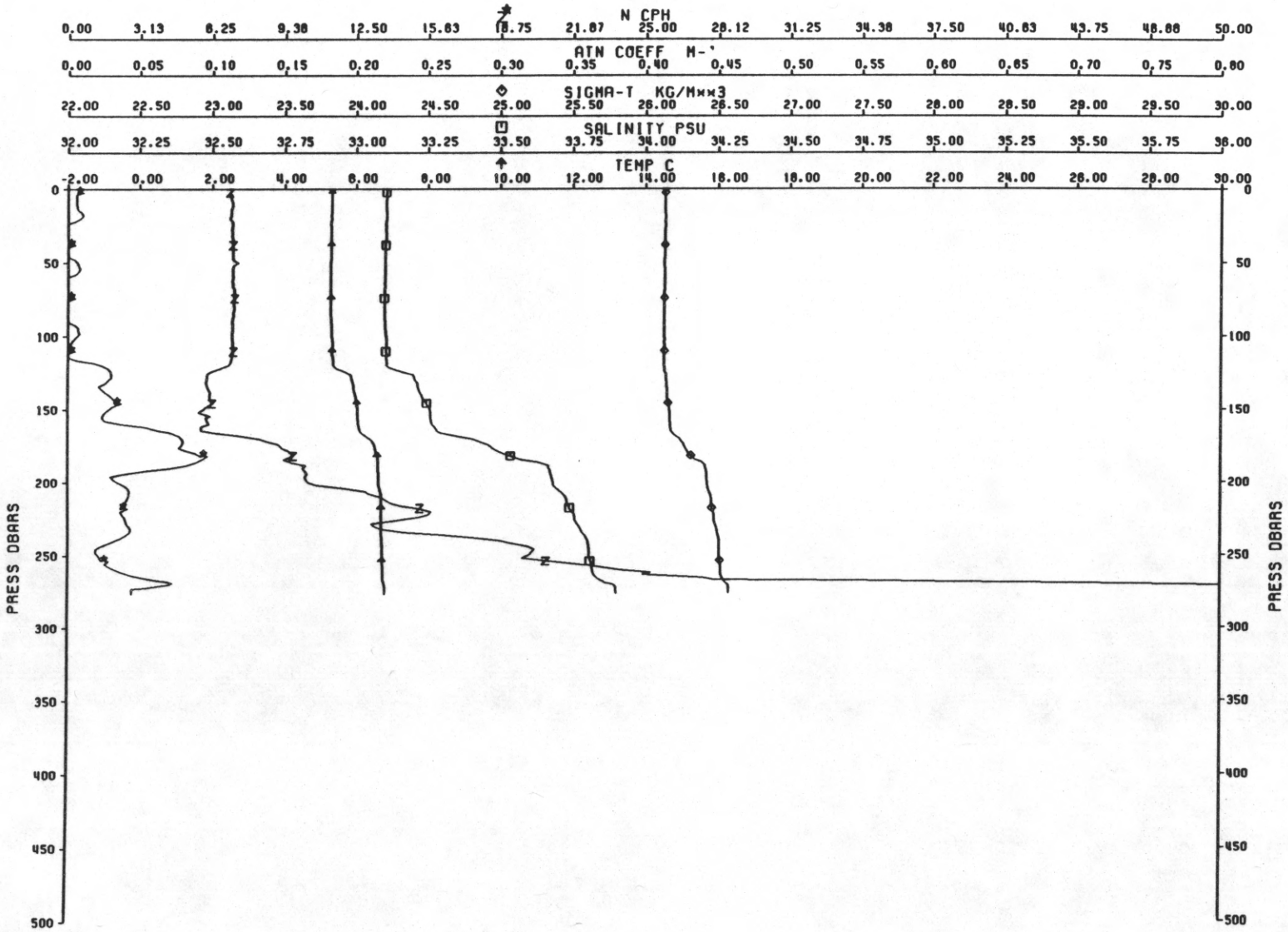


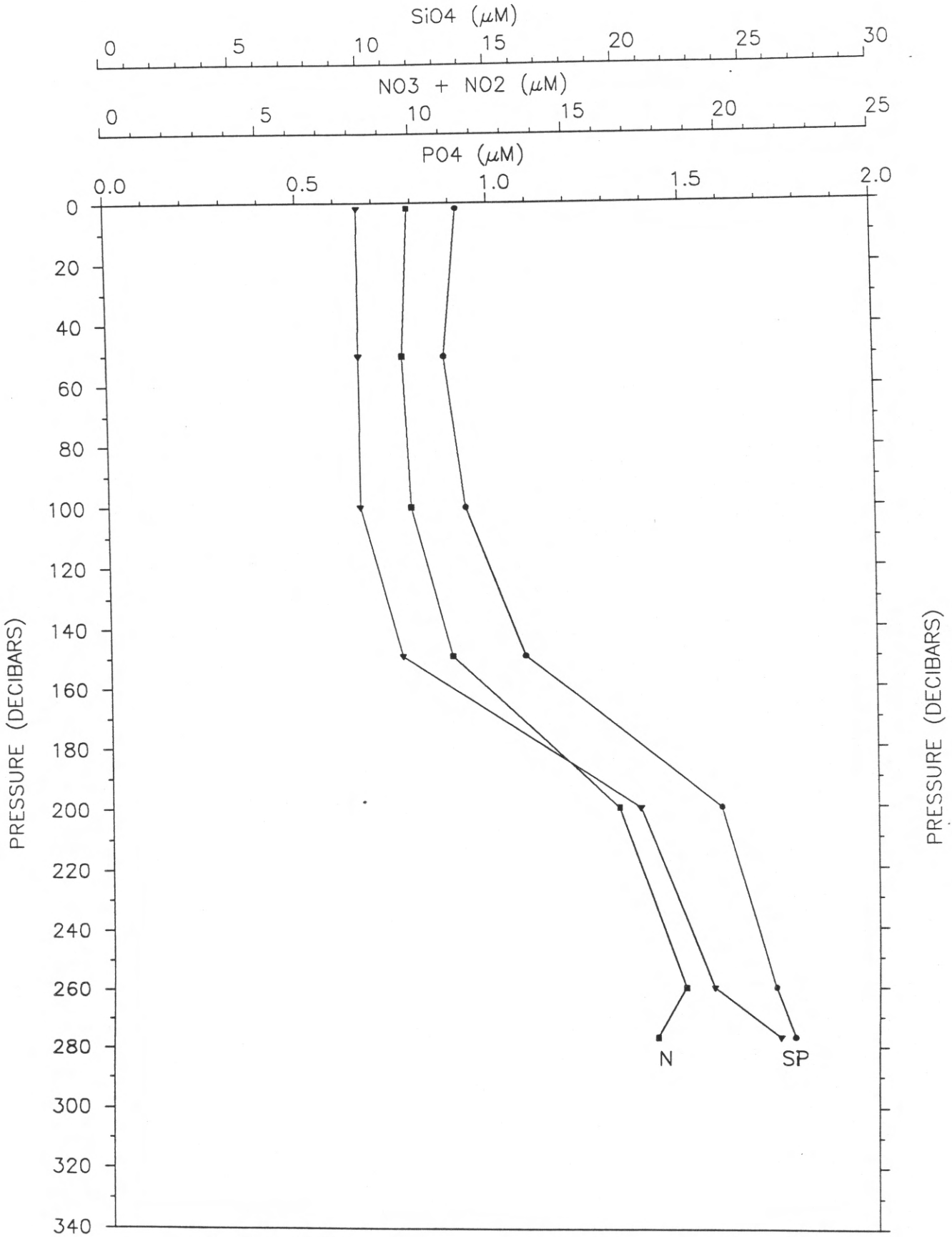


CRUISE: OC181
15 FEB 87
07: 15: 00 GMT

STATION: 91
42 31.04 N
69 30.94 W

OC181B CAST #92

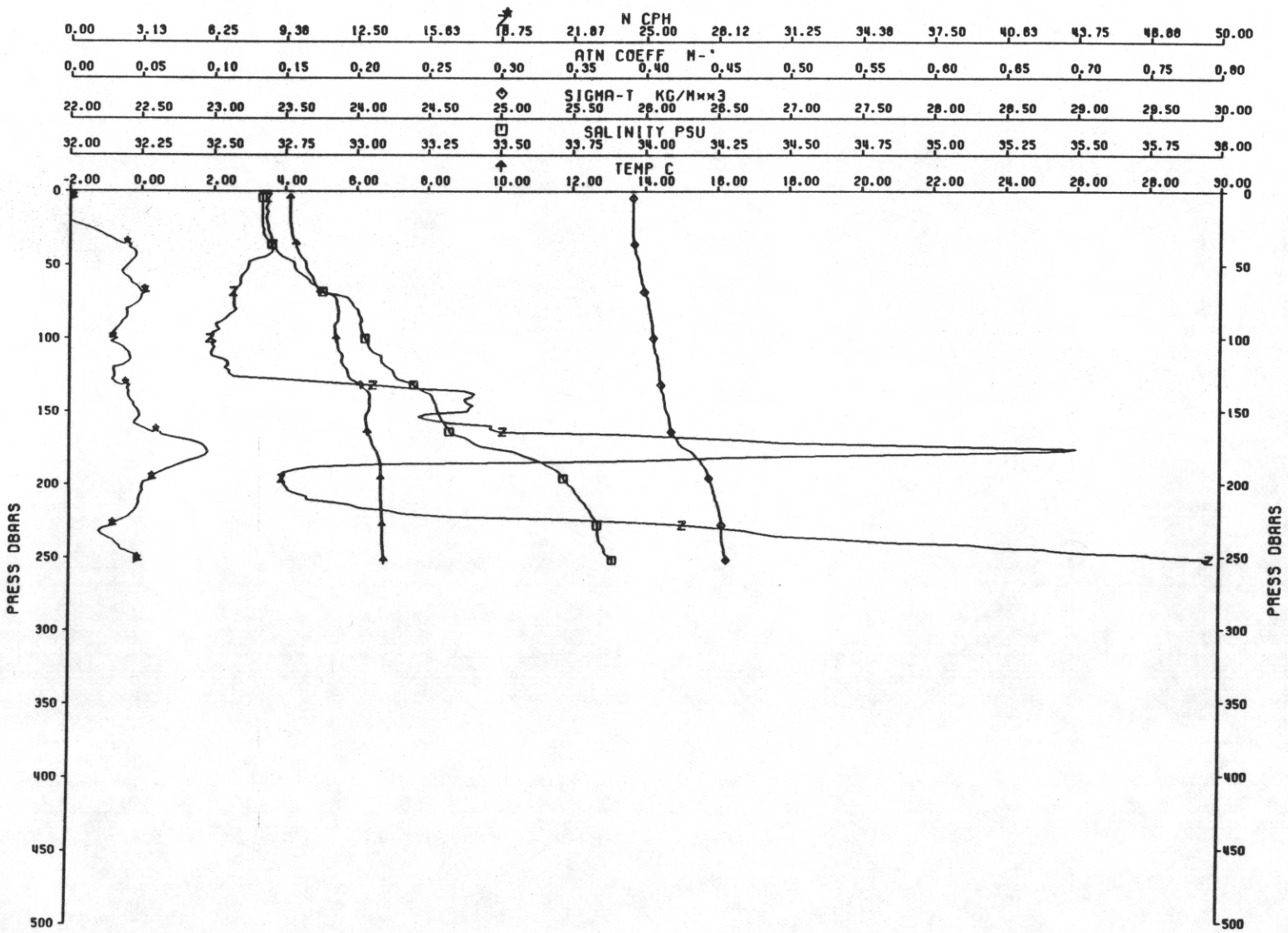


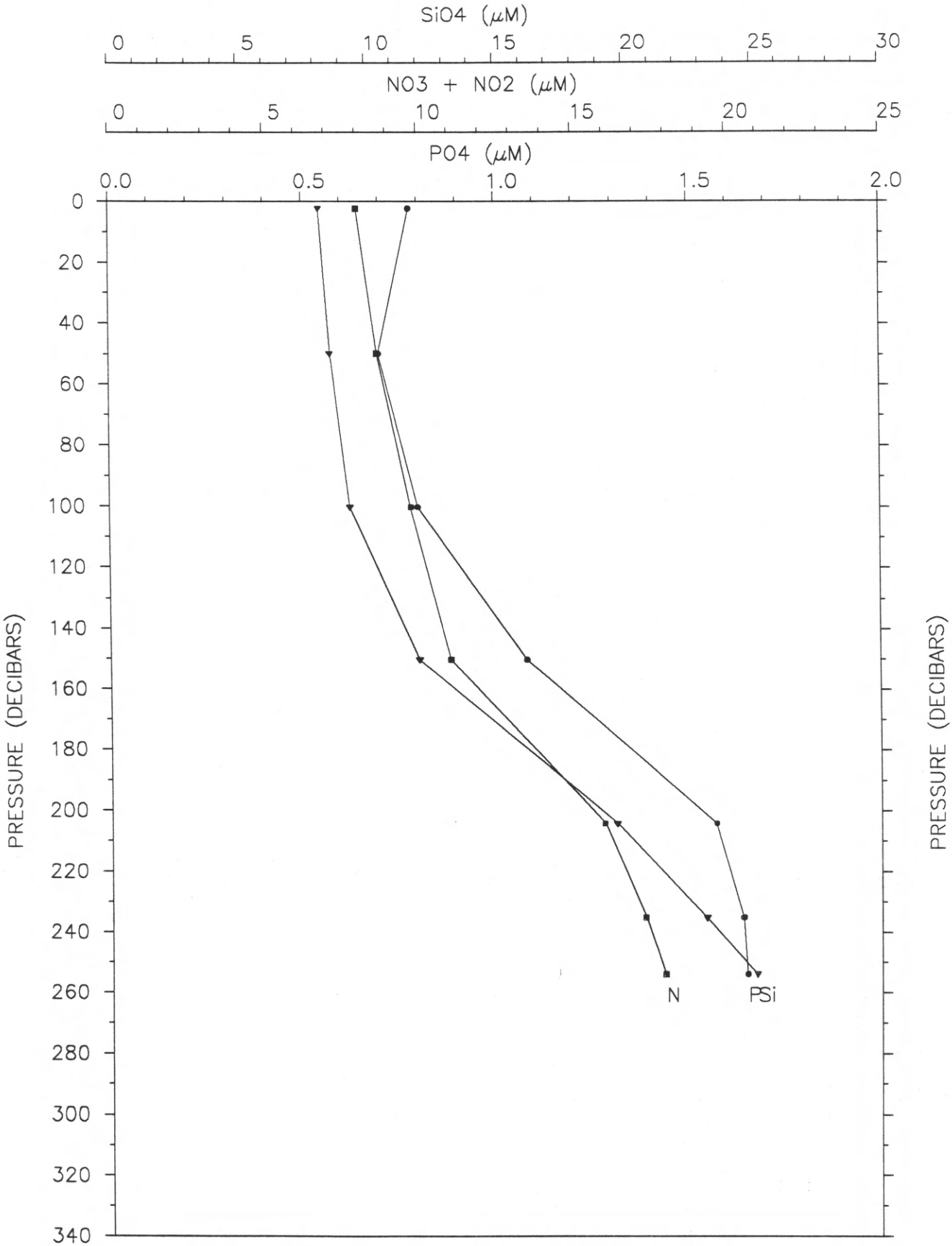


CRUISE: OC181
15 FEB 87
09: 15: 00 GMT

STATION: 92
42 40.01 N
69 37.98 W

0C181U CAST #93

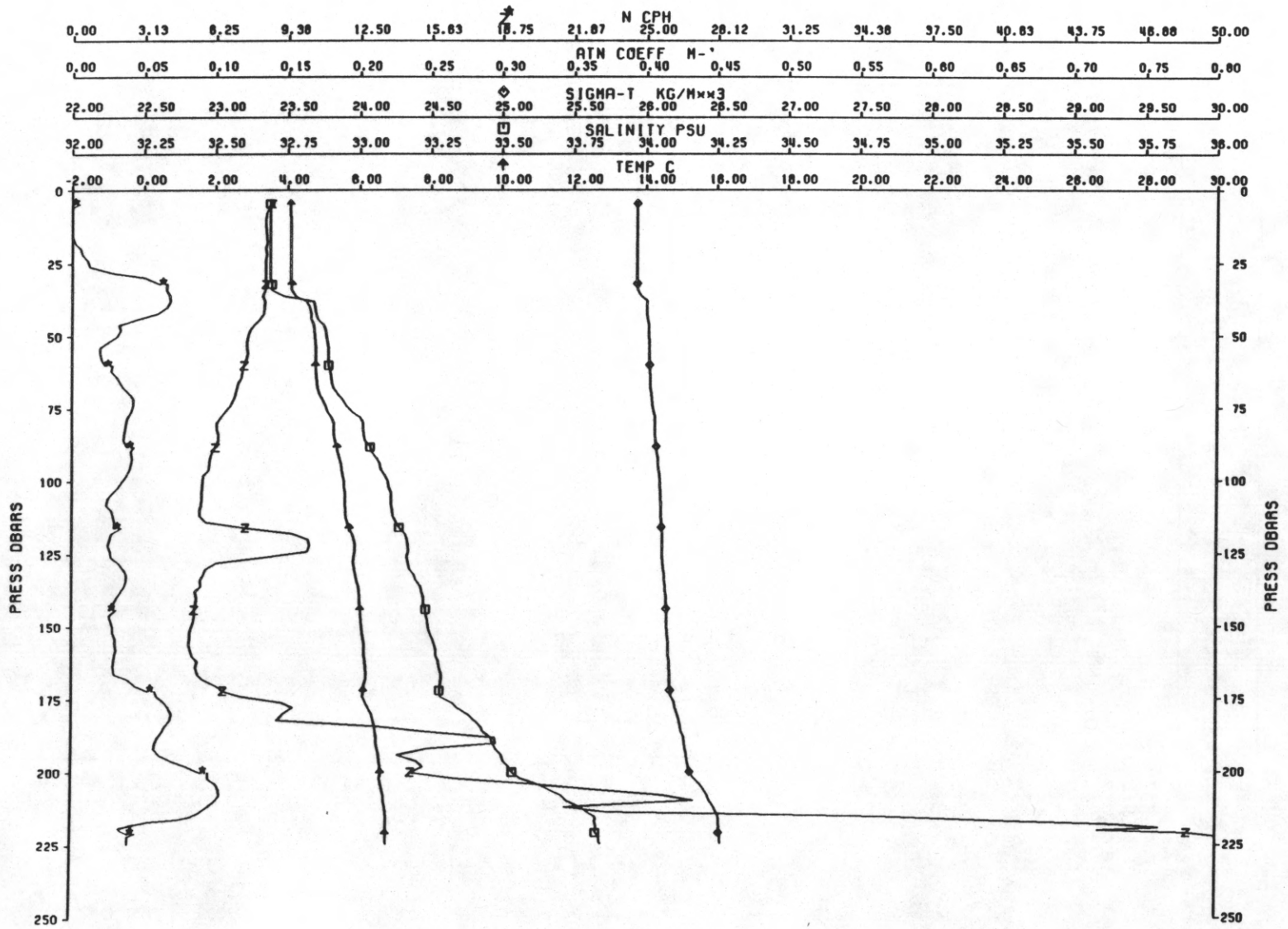


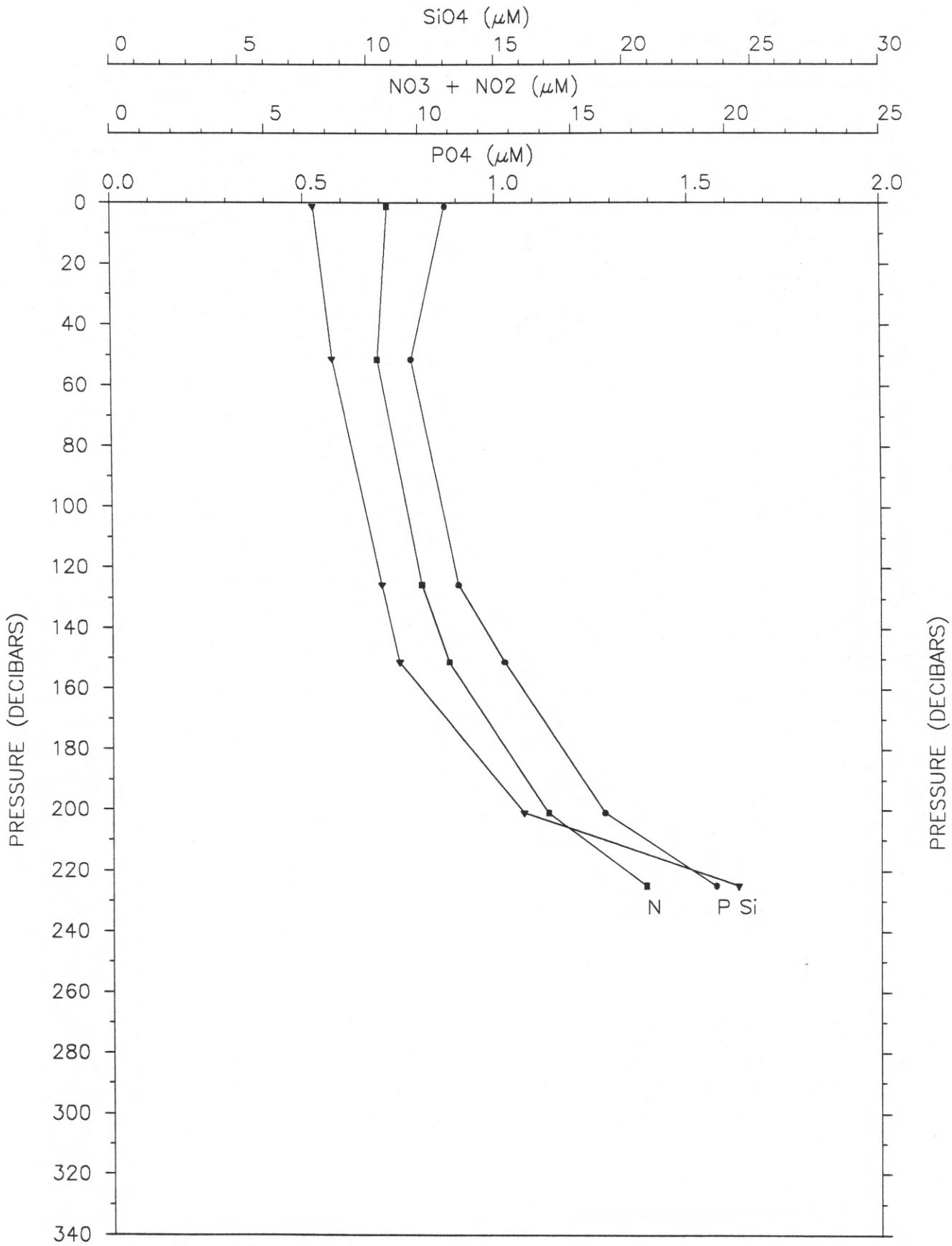


CRUISE: OC181
15 FEB 87
11: 30: 00 GMT

STATION: 93
42 47.99 N
69 44.87 W

OC181A CAST #94

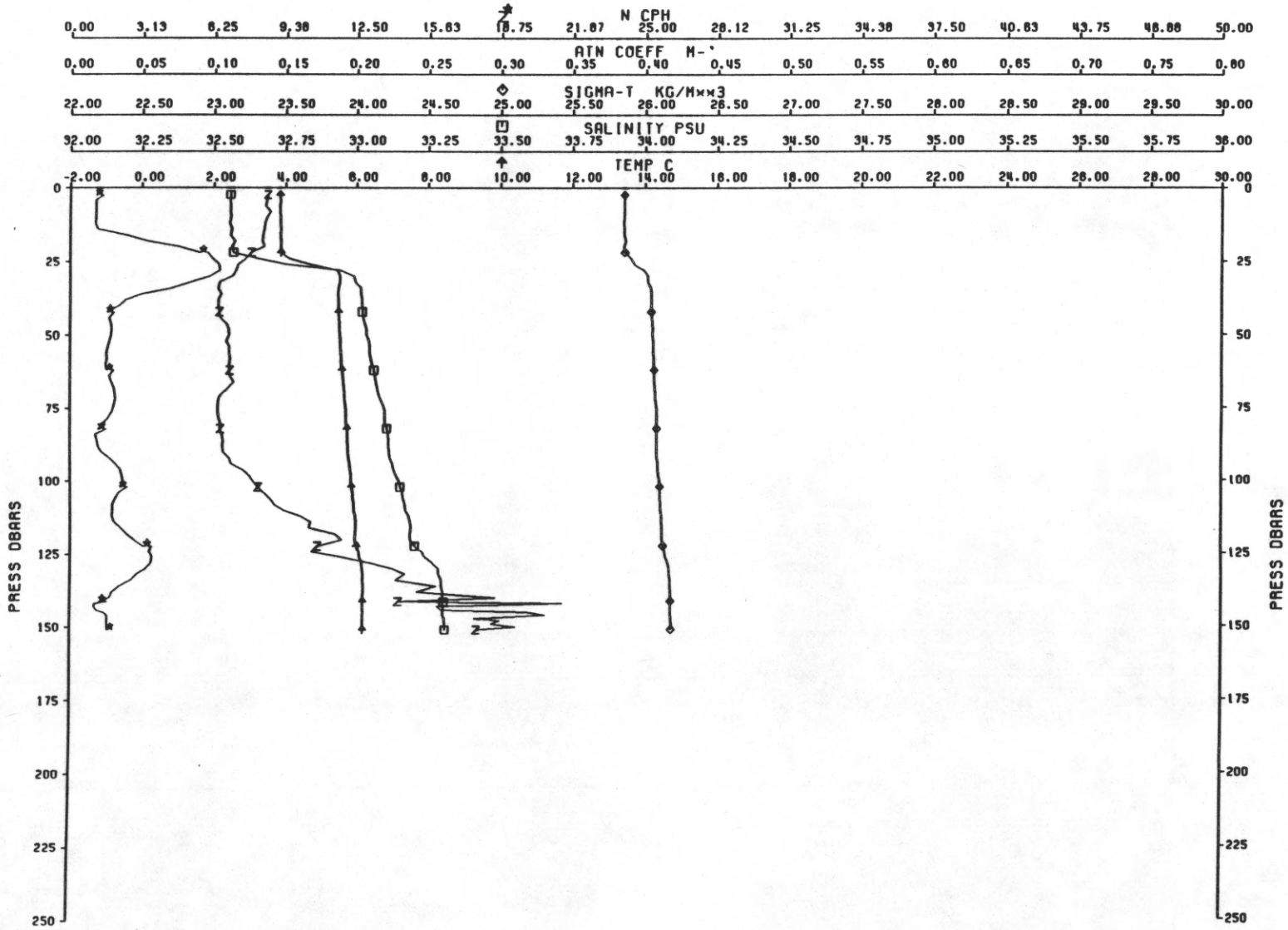


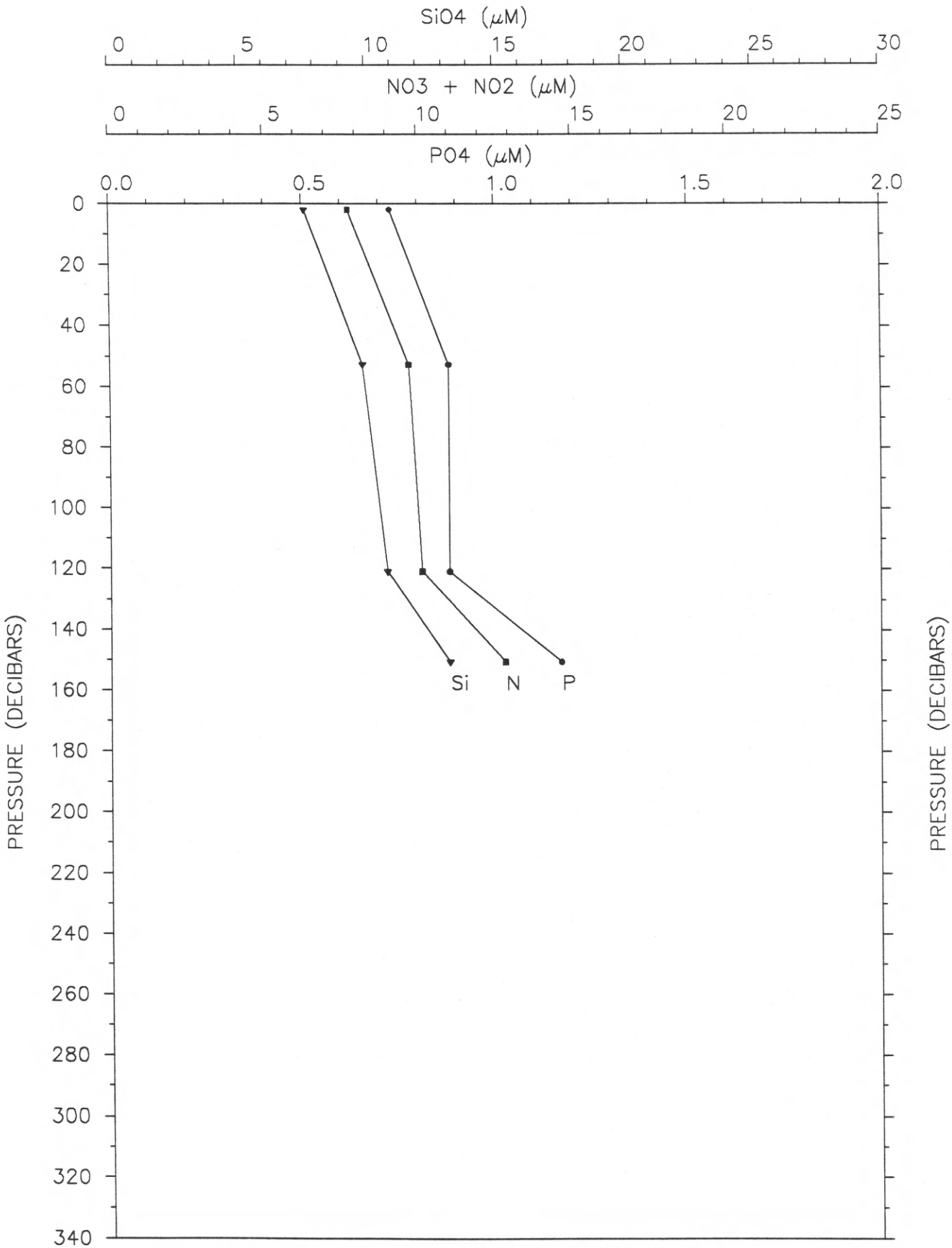


CRUISE: OC181
15 FEB 87
13: 07: 30 GMT

STATION: 94
42 56.90 N
69 52.04 W

0C181U CAST #95





CRUISE: OC181
15 FEB 87
14: 22: 30 GMT

STATION: 95
43 05.43 N
69 58.42 W

Appendix I. - Data listings

The 2-dbar-averaged data are listed in Appendix I. For the data listings, time is in Eastern Standard Time, SALIN is the salinity, OXY is the dissolved oxygen, ATN is the beam attenuation coefficient, SIGT is the density anomaly sigma-t, N is the Brunt-Vaisala frequency, DYHT A is the dynamic height anomaly, and S SPD is the speed of sound in seawater.

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	1	05 FEB 1987	1414	41°26.5'N	69°37.8'W	26

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.7	3.893	32.522	7.90	0.54	25.826	0.000	1463.	-0.5
4	3.9	3.895	32.522	7.90	0.55	25.825	0.002	1463.	-0.5
6	5.9	3.894	32.521	7.91	0.55	25.825	0.007	1463.	-0.5
8	8.0	3.895	32.521	7.92	0.55	25.825	0.011	1463.	-0.5
10	10.1	3.895	32.521	7.92	0.55	25.825	0.016	1463.	-0.5
11	11.3	3.894	32.520	7.92	0.56	25.824	0.018	1463.	-0.4
12	11.8	3.894	32.520	7.93	0.56	25.825	0.020	1463.	-0.4
13	13.1	3.894	32.521	7.93	0.55	25.825	0.022	1463.	-0.4
14	14.0	3.894	32.521	7.93	0.56	25.825	0.024	1463.	-0.6
15	15.0	3.894	32.521	7.93	0.56	25.825	0.027	1463.	-0.7
16	16.0	3.895	32.520	7.93	0.55	25.824	0.029	1463.	-0.7
17	17.0	3.897	32.520	7.92	0.55	25.824	0.031	1463.	-0.7
18	18.0	3.897	32.520	7.92	0.55	25.824	0.033	1463.	-0.7
19	18.9	3.897	32.520	7.91	0.56	25.824	0.035	1463.	-0.6
20	20.0	3.897	32.520	7.91	0.56	25.824	0.037	1463.	-0.5
21	21.0	3.897	32.520	7.90	0.54	25.824	0.039	1463.	-0.6
22	21.9	3.897	32.520	7.89	0.55	25.824	0.042	1463.	-0.6
23	23.1	3.898	32.520	7.88	0.54	25.823	0.044	1463.	-0.6
24	24.0	3.898	32.519	7.83	0.53	25.823	0.046	1463.	-0.6
24	24.6	3.899	32.518	7.83	0.53	25.822	0.047	1463.	-0.6

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	2	05 FEB 1987	1514	41°29.1'N	69°30.9'W	38

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.4	4.442	32.749	7.49	0.37	25.951	0.000	1466.	0.2
4	4.1	4.447	32.748	7.51	0.36	25.949	0.003	1466.	0.2
6	6.2	4.445	32.747	7.51	0.36	25.949	0.008	1466.	0.2
8	8.1	4.458	32.751	7.53	0.36	25.951	0.012	1466.	0.2
10	10.0	4.452	32.749	7.55	0.36	25.950	0.015	1466.	0.2
12	11.9	4.447	32.748	7.57	0.36	25.950	0.019	1466.	0.4
14	13.9	4.442	32.748	7.58	0.36	25.950	0.023	1466.	-0.1
16	16.0	4.443	32.748	7.59	0.36	25.950	0.028	1466.	-0.4
18	18.0	4.452	32.750	7.60	0.36	25.951	0.032	1466.	0.2
20	19.9	4.463	32.750	7.60	0.35	25.950	0.036	1466.	-0.2
21	21.3	4.462	32.749	7.60	0.36	25.949	0.039	1466.	-0.3
22	21.9	4.461	32.750	7.60	0.35	25.949	0.040	1466.	-0.4
23	23.0	4.464	32.751	7.61	0.35	25.951	0.042	1466.	-0.6
24	24.0	4.460	32.750	7.61	0.35	25.950	0.044	1466.	-0.4
25	25.0	4.462	32.750	7.59	0.35	25.950	0.046	1466.	-0.4
26	26.1	4.461	32.749	7.60	0.35	25.949	0.048	1466.	-0.3
27	27.1	4.461	32.749	7.60	0.36	25.949	0.050	1466.	0.1
28	27.9	4.462	32.750	7.58	0.36	25.949	0.052	1466.	0.6
29	29.0	4.462	32.749	7.57	0.36	25.949	0.054	1466.	0.6
30	30.0	4.464	32.751	7.54	0.36	25.950	0.057	1466.	0.6
31	31.0	4.466	32.751	7.54	0.35	25.950	0.058	1466.	0.7
32	32.1	4.468	32.751	7.53	0.35	25.950	0.061	1466.	0.8
33	32.9	4.467	32.751	7.51	0.35	25.950	0.062	1466.	0.8
34	34.0	4.466	32.750	7.49	0.35	25.950	0.065	1466.	0.8
35	35.1	4.469	32.752	7.48	0.34	25.951	0.067	1466.	0.8
36	35.9	4.473	32.753	7.48	0.35	25.951	0.069	1466.	0.8

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	3	05 FEB 1987	1603	41°30.1'N	69°25.0'W	60

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/1	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.6	4.799	32.863	7.32	0.29	26.004	0.000	1467.	0.3
4	4.1	4.797	32.862	7.35	0.29	26.003	0.003	1467.	0.3
6	6.0	4.800	32.862	7.34	0.29	26.003	0.007	1467.	0.3
8	7.8	4.802	32.862	7.34	0.29	26.002	0.010	1467.	0.3
10	10.2	4.802	32.862	7.35	0.29	26.003	0.015	1467.	0.3
12	11.8	4.800	32.863	7.34	0.29	26.003	0.018	1467.	0.5
14	14.1	4.799	32.863	7.34	0.29	26.004	0.023	1467.	0.5
16	15.7	4.801	32.863	7.33	0.30	26.003	0.026	1467.	0.5
18	18.1	4.801	32.863	7.32	0.29	26.003	0.031	1467.	0.4
20	20.0	4.801	32.863	7.35	0.29	26.004	0.035	1468.	0.3
22	22.1	4.801	32.863	7.36	0.29	26.003	0.039	1468.	-0.4
24	23.9	4.801	32.863	7.35	0.29	26.003	0.043	1468.	-0.5
26	26.1	4.817	32.866	7.32	0.28	26.004	0.047	1468.	-0.6
28	28.0	4.832	32.867	7.31	0.28	26.003	0.051	1468.	-0.6
30	30.0	4.824	32.864	7.31	0.28	26.002	0.055	1468.	-0.6
32	31.9	4.825	32.865	7.32	0.28	26.002	0.059	1468.	-0.6
34	34.1	4.825	32.864	7.32	0.28	26.002	0.063	1468.	-0.5
36	36.1	4.832	32.866	7.31	0.28	26.002	0.067	1468.	-0.4
38	38.2	4.832	32.866	7.28	0.28	26.002	0.071	1468.	-0.2
40	40.0	4.833	32.866	7.29	0.28	26.002	0.075	1468.	-0.3
41	41.2	4.832	32.866	7.27	0.28	26.002	0.077	1468.	-0.4
42	42.1	4.831	32.865	7.26	0.28	26.002	0.079	1468.	-0.7
43	43.0	4.827	32.864	7.29	0.28	26.001	0.081	1468.	-0.7
44	43.9	4.827	32.864	7.32	0.28	26.002	0.082	1468.	-0.6
45	45.1	4.826	32.864	7.34	0.29	26.001	0.085	1468.	-0.5
46	46.0	4.821	32.862	7.33	0.30	26.000	0.087	1468.	-0.4
47	47.0	4.822	32.863	7.32	0.29	26.001	0.089	1468.	0.2
48	47.9	4.818	32.863	7.32	0.28	26.001	0.090	1468.	0.2
49	49.0	4.819	32.863	7.33	0.28	26.001	0.093	1468.	0.4
50	49.9	4.822	32.863	7.32	0.28	26.001	0.095	1468.	1.0
51	51.0	4.827	32.865	7.31	0.28	26.002	0.097	1468.	0.9
52	52.1	4.824	32.863	7.32	0.28	26.001	0.099	1468.	1.1
53	53.0	4.833	32.865	7.32	0.28	26.001	0.101	1468.	1.4
54	54.0	4.848	32.872	7.33	0.28	26.005	0.103	1468.	1.4
55	55.1	4.841	32.868	7.30	0.28	26.003	0.105	1468.	1.4
56	56.1	4.843	32.870	7.30	0.28	26.004	0.107	1468.	1.4
57	57.0	4.859	32.875	7.29	0.27	26.006	0.109	1468.	1.4
58	58.0	4.866	32.875	7.29	0.28	26.005	0.111	1468.	1.4
58	58.5	4.870	32.875	7.29	0.29	26.006	0.112	1468.	1.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	4	05 FEB 1987	1727	41°31.8'N	69°17.6'W	125

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/1	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
1	0.7	5.266	32.995	7.16	0.32	26.056	0.000	1469.	-0.5
2	1.9	5.272	32.996	7.16	0.32	26.056	0.002	1469.	-0.5
4	4.0	5.277	32.996	7.17	0.33	26.056	0.007	1469.	-0.5
6	6.2	5.276	32.996	7.15	0.33	26.055	0.011	1469.	-0.5
8	7.9	5.280	32.996	7.14	0.31	26.055	0.014	1469.	-0.5
10	9.9	5.291	32.997	7.14	0.31	26.054	0.018	1470.	-0.4
12	12.2	5.299	32.998	7.13	0.32	26.055	0.022	1470.	-0.3
14	14.1	5.312	33.001	7.15	0.31	26.055	0.026	1470.	-0.2
16	16.2	5.318	33.001	7.14	0.32	26.055	0.030	1470.	0.1
18	17.7	5.315	33.001	7.15	0.33	26.055	0.033	1470.	-0.2
20	20.0	5.316	33.001	7.16	0.33	26.055	0.038	1470.	-0.2
22	22.0	5.313	33.000	7.17	0.33	26.055	0.042	1470.	-0.2
24	23.9	5.314	33.000	7.16	0.35	26.055	0.045	1470.	0.3
26	26.2	5.318	33.000	7.16	0.33	26.054	0.050	1470.	0.4
28	27.8	5.320	33.002	7.16	0.33	26.055	0.053	1470.	0.4
30	30.0	5.322	33.002	7.16	0.33	26.055	0.057	1470.	0.4
32	32.0	5.323	33.002	7.15	0.33	26.055	0.061	1470.	0.4
34	33.9	5.322	33.002	7.15	0.32	26.055	0.065	1470.	0.3
36	35.9	5.322	33.002	7.14	0.33	26.055	0.069	1470.	-0.2
38	38.3	5.321	33.002	7.12	0.32	26.055	0.073	1470.	-0.3
39	39.7	5.320	33.001	7.09	0.32	26.055	0.076	1470.	-0.4
42	42.2	5.318	33.001	7.10	0.31	26.055	0.081	1470.	-0.4
44	43.9	5.315	33.000	7.13	0.31	26.054	0.084	1470.	-0.4
46	46.0	5.312	33.000	7.14	0.31	26.055	0.088	1470.	-0.3
47	47.9	5.314	33.000	7.14	0.31	26.055	0.092	1470.	-0.4
49	49.8	5.308	32.999	7.14	0.32	26.054	0.096	1470.	-0.4
52	52.4	5.308	32.999	7.14	0.32	26.054	0.101	1470.	-0.2
54	54.0	5.309	32.999	7.15	0.32	26.054	0.104	1470.	-0.3
55	55.9	5.302	32.997	7.15	0.32	26.054	0.108	1470.	0.2
58	58.3	5.304	32.998	7.16	0.32	26.054	0.112	1470.	0.5
59	59.7	5.307	32.999	7.15	0.33	26.054	0.115	1470.	0.6
62	62.1	5.314	32.999	7.16	0.32	26.054	0.120	1470.	0.7
63	63.7	5.319	33.002	7.15	0.31	26.055	0.123	1471.	0.6
65	65.8	5.324	33.003	7.14	0.31	26.056	0.127	1471.	0.8
68	68.2	5.333	33.005	7.14	0.31	26.056	0.132	1471.	0.8
69	69.9	5.322	33.004	7.14	0.31	26.057	0.135	1471.	0.8
72	72.1	5.345	33.004	7.14	0.30	26.054	0.139	1471.	0.7
73	73.8	5.363	33.012	7.14	0.31	26.058	0.143	1471.	0.8
75	76.0	5.352	33.009	7.17	0.30	26.057	0.147	1471.	0.8
77	77.9	5.346	33.009	7.17	0.31	26.057	0.150	1471.	0.9
79	80.1	5.352	33.009	7.17	0.31	26.057	0.155	1471.	0.9
81	82.0	5.400	33.019	7.14	0.29	26.059	0.158	1471.	0.7
83	84.0	5.404	33.019	7.11	0.31	26.059	0.162	1471.	0.8
85	85.9	5.415	33.021	7.06	0.29	26.059	0.166	1471.	0.7
87	88.0	5.428	33.023	7.03	0.28	26.060	0.170	1471.	0.6
90	90.6	5.432	33.024	7.02	0.28	26.060	0.175	1471.	0.5
91	92.0	5.431	33.024	7.03	0.28	26.060	0.178	1471.	0.5
93	93.9	5.430	33.024	7.03	0.29	26.060	0.182	1471.	0.5
95	95.9	5.429	33.024	7.07	0.29	26.060	0.186	1472.	0.5
97	98.0	5.440	33.026	7.04	0.29	26.061	0.190	1472.	0.6

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	4	05 FEB 1987	1727	41°31.8'N	69°17.6'W	125

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
99	99.8	5.442	33.026	7.04	0.29	26.060	0.193	1472.	0.6
101	101.9	5.447	33.028	7.07	0.30	26.061	0.197	1472.	0.7
103	104.1	5.448	33.028	7.07	0.29	26.061	0.202	1472.	0.7
105	106.0	5.456	33.030	7.08	0.29	26.062	0.205	1472.	0.6
107	108.1	5.459	33.031	7.06	0.28	26.062	0.209	1472.	0.6
109	109.9	5.457	33.031	7.03	0.28	26.062	0.213	1472.	0.4
110	111.2	5.456	33.030	7.04	0.28	26.062	0.215	1472.	-0.3
111	111.9	5.456	33.030	7.06	0.29	26.062	0.217	1472.	-0.6
112	113.0	5.454	33.029	7.09	0.29	26.061	0.219	1472.	-0.7
113	114.0	5.453	33.029	7.09	0.28	26.061	0.221	1472.	-0.7
114	115.0	5.452	33.028	7.08	0.29	26.061	0.223	1472.	-0.6
115	116.0	5.454	33.029	7.07	0.30	26.061	0.225	1472.	-0.4
116	117.0	5.453	33.029	7.05	0.29	26.061	0.227	1472.	-0.2
118	119.4	5.455	33.029	7.02	0.29	26.061	0.231	1472.	-0.3
119	119.9	5.455	33.029	7.03	0.29	26.061	0.232	1472.	-0.3
120	121.0	5.456	33.029	7.03	0.32	26.061	0.235	1472.	-0.3
121	122.0	5.456	33.029	7.00	0.33	26.061	0.236	1472.	-0.3
122	122.9	5.455	33.028	7.01	0.33	26.060	0.238	1472.	-0.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	5	05 FEB 1987	1901	41°33.9'N	69°05.2'W	164

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.7	5.536	33.035	7.02	0.26	26.056	0.000	1470.	-0.7
4	4.0	5.530	33.035	7.03	0.26	26.057	0.003	1470.	-0.7
6	6.2	5.530	33.035	7.02	0.26	26.057	0.007	1470.	-0.7
8	7.9	5.529	33.034	7.03	0.25	26.057	0.010	1470.	-0.7
10	10.0	5.531	33.035	7.03	0.26	26.057	0.014	1471.	-0.7
12	11.9	5.534	33.034	7.02	0.26	26.056	0.018	1471.	-0.7
14	13.9	5.538	33.034	7.04	0.26	26.055	0.022	1471.	-0.6
16	16.3	5.550	33.035	7.03	0.26	26.054	0.027	1471.	-0.5
18	17.8	5.546	33.035	7.02	0.26	26.055	0.030	1471.	-0.4
20	19.9	5.540	33.034	7.02	0.26	26.055	0.034	1471.	0.2
22	22.2	5.541	33.035	7.02	0.26	26.056	0.038	1471.	0.4
24	24.0	5.543	33.035	7.03	0.26	26.055	0.042	1471.	0.3
26	26.2	5.543	33.035	7.02	0.26	26.055	0.046	1471.	-0.3
28	28.1	5.547	33.035	7.02	0.26	26.055	0.050	1471.	-0.5
30	29.8	5.566	33.038	7.01	0.26	26.055	0.053	1471.	-0.6
31	31.7	5.566	33.038	7.00	0.26	26.055	0.057	1471.	-0.6
34	34.2	5.585	33.040	7.00	0.25	26.054	0.061	1471.	-0.6
36	36.0	5.602	33.042	7.00	0.25	26.054	0.065	1471.	-0.6
38	38.0	5.617	33.044	7.01	0.26	26.054	0.069	1471.	-0.5
40	40.0	5.632	33.047	7.00	0.26	26.054	0.073	1471.	-0.4
41	41.8	5.635	33.046	7.00	0.26	26.054	0.076	1471.	0.2
44	44.2	5.629	33.046	6.99	0.25	26.054	0.081	1472.	0.2
46	46.0	5.631	33.046	6.98	0.25	26.054	0.084	1472.	-0.2
48	48.0	5.627	33.046	6.98	0.25	26.054	0.088	1472.	-0.2
50	50.1	5.619	33.045	6.99	0.25	26.054	0.092	1472.	-0.2
51	51.9	5.637	33.046	6.99	0.25	26.053	0.096	1472.	-0.3
53	53.9	5.671	33.052	6.95	0.25	26.053	0.100	1472.	-0.4
56	55.9	5.654	33.049	6.97	0.25	26.054	0.104	1472.	-0.4
57	57.7	5.643	33.048	6.97	0.26	26.054	0.107	1472.	-0.4
60	60.0	5.625	33.045	6.97	0.26	26.053	0.112	1472.	-0.3
61	62.0	5.603	33.041	6.97	0.26	26.053	0.116	1472.	-0.3
63	63.8	5.603	33.041	6.97	0.26	26.053	0.119	1472.	-0.3
66	66.2	5.607	33.041	6.95	0.26	26.053	0.124	1472.	-0.2
67	67.9	5.604	33.041	6.96	0.26	26.053	0.127	1472.	-0.2
70	70.1	5.604	33.041	6.95	0.26	26.053	0.131	1472.	-0.2
71	72.0	5.607	33.041	6.96	0.26	26.053	0.135	1472.	0.1
73	73.8	5.609	33.042	6.96	0.26	26.053	0.139	1472.	-0.1
75	75.8	5.614	33.042	6.97	0.26	26.052	0.143	1472.	-0.3
77	78.0	5.607	33.041	6.97	0.26	26.053	0.147	1472.	-0.2
80	80.3	5.604	33.041	6.97	0.26	26.053	0.151	1472.	0.0
81	82.0	5.598	33.040	6.98	0.26	26.053	0.155	1472.	0.0
84	84.2	5.601	33.040	6.99	0.26	26.052	0.159	1472.	0.1
85	86.2	5.598	33.040	6.98	0.26	26.053	0.163	1472.	-0.1
87	87.7	5.599	33.040	6.98	0.26	26.053	0.166	1472.	0.1
89	90.2	5.599	33.040	6.98	0.26	26.052	0.171	1472.	-0.2
91	92.0	5.604	33.040	6.99	0.26	26.052	0.174	1472.	-0.3
93	93.7	5.605	33.041	6.98	0.26	26.053	0.178	1472.	-0.3
95	96.2	5.604	33.041	6.98	0.26	26.053	0.182	1472.	0.2
97	97.9	5.614	33.041	6.98	0.26	26.052	0.186	1472.	0.3
99	99.9	5.619	33.042	6.98	0.26	26.052	0.190	1472.	0.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	5	05 FEB 1987	1901	41°33.9'N	69°05.2'W	164

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	5.614	33.042	6.98	0.26	26.052	0.194	1472.	0.3
103	104.0	5.602	33.041	6.99	0.26	26.053	0.198	1472.	0.4
105	106.3	5.596	33.040	6.98	0.26	26.053	0.202	1472.	0.5
107	107.8	5.595	33.040	6.99	0.26	26.053	0.205	1472.	0.3
109	109.8	5.597	33.040	7.00	0.26	26.053	0.209	1472.	0.2
111	112.2	5.594	33.039	7.01	0.26	26.053	0.214	1472.	-0.2
116	116.7	5.599	33.041	7.02	0.26	26.053	0.223	1473.	-0.2
119	120.1	5.597	33.040	7.00	0.26	26.053	0.229	1473.	-0.2
121	122.1	5.594	33.039	7.00	0.26	26.053	0.233	1473.	-0.3
123	123.8	5.595	33.039	6.99	0.26	26.053	0.237	1473.	-0.4
125	126.2	5.592	33.038	6.99	0.25	26.052	0.241	1473.	-0.5
127	128.0	5.586	33.038	7.01	0.25	26.052	0.245	1473.	-0.4
129	129.9	5.589	33.037	7.01	0.26	26.052	0.249	1473.	-0.4
131	132.0	5.611	33.040	6.99	0.25	26.052	0.253	1473.	-0.3
133	133.9	5.603	33.039	6.99	0.25	26.052	0.256	1473.	-0.3
135	136.0	5.593	33.038	6.99	0.25	26.052	0.260	1473.	-0.3
137	137.9	5.590	33.038	7.02	0.26	26.052	0.264	1473.	-0.2
139	139.8	5.585	33.037	7.01	0.26	26.052	0.268	1473.	-0.1
141	142.2	5.588	33.036	7.01	0.26	26.051	0.273	1473.	-0.3
143	143.9	5.592	33.037	7.02	0.26	26.051	0.276	1473.	-0.5
145	145.9	5.591	33.037	7.01	0.26	26.051	0.280	1473.	-0.6
147	148.2	5.601	33.039	7.01	0.26	26.052	0.284	1473.	-0.5
148	149.2	5.619	33.041	7.02	0.26	26.051	0.286	1473.	-0.3
149	150.0	5.625	33.041	7.02	0.27	26.050	0.288	1473.	-0.4
150	151.0	5.633	33.042	7.01	0.26	26.050	0.290	1473.	-0.3
151	152.0	5.641	33.045	7.01	0.26	26.051	0.292	1473.	-0.4
152	153.1	5.652	33.047	7.01	0.26	26.052	0.294	1473.	-0.2
153	154.1	5.645	33.045	7.01	0.26	26.051	0.296	1473.	-0.2
154	154.8	5.644	33.045	6.99	0.26	26.051	0.297	1473.	-0.7
155	155.8	5.645	33.044	6.97	0.27	26.050	0.299	1473.	-0.7
156	157.1	5.654	33.045	7.00	0.26	26.050	0.302	1473.	-0.7
157	158.1	5.659	33.046	6.99	0.26	26.051	0.304	1473.	-0.7
157	158.7	5.701	33.051	6.98	0.26	26.049	0.305	1474.	-0.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	6	05 FEB 1987	2033	41°37.0'N	68°52.1'W	126

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.3	6.167	33.113	6.82	0.15	26.041	0.000	1473.	-0.9
4	4.0	6.168	33.113	6.83	0.15	26.041	0.003	1473.	-0.9
6	6.0	6.168	33.113	6.82	0.16	26.041	0.007	1473.	-0.9
8	8.2	6.174	33.113	6.81	0.15	26.040	0.012	1473.	-0.9
10	9.6	6.183	33.113	6.82	0.16	26.039	0.014	1473.	-0.9
12	12.0	6.192	33.113	6.81	0.16	26.038	0.019	1473.	-0.9
14	14.1	6.194	33.113	6.81	0.16	26.037	0.023	1473.	-0.8
16	15.7	6.194	33.113	6.81	0.16	26.038	0.026	1473.	-0.5
18	17.9	6.193	33.113	6.80	0.16	26.038	0.031	1473.	-0.2
20	20.1	6.191	33.113	6.80	0.16	26.038	0.035	1473.	0.3
22	21.9	6.190	33.113	6.81	0.15	26.038	0.039	1473.	0.3
24	24.0	6.191	33.113	6.82	0.16	26.038	0.043	1474.	0.1
26	26.1	6.191	33.113	6.81	0.16	26.038	0.047	1474.	-0.2
28	27.9	6.191	33.113	6.82	0.15	26.038	0.050	1474.	-0.2
30	30.0	6.192	33.112	6.83	0.15	26.037	0.054	1474.	-0.3
32	31.9	6.193	33.113	6.83	0.15	26.038	0.058	1474.	-0.3
34	34.4	6.194	33.113	6.84	0.15	26.038	0.063	1474.	-0.2
35	35.7	6.193	33.113	6.84	0.16	26.038	0.066	1474.	-0.1
38	38.1	6.194	33.113	6.83	0.16	26.037	0.070	1474.	0.2
40	39.8	6.194	33.113	6.83	0.16	26.037	0.074	1474.	0.2
42	42.1	6.193	33.113	6.83	0.15	26.037	0.078	1474.	0.2
44	44.1	6.192	33.113	6.84	0.15	26.038	0.082	1474.	-0.2
45	45.6	6.193	33.113	6.84	0.15	26.038	0.085	1474.	-0.3
48	48.0	6.194	33.113	6.84	0.16	26.038	0.090	1474.	-0.4
50	50.0	6.195	33.113	6.83	0.15	26.037	0.094	1474.	-0.5
52	52.0	6.200	33.113	6.83	0.15	26.037	0.098	1474.	-0.5
53	53.8	6.200	33.113	6.83	0.15	26.037	0.101	1474.	-0.5
56	56.0	6.199	33.113	6.83	0.16	26.037	0.106	1474.	-0.4
57	57.9	6.200	33.113	6.83	0.16	26.037	0.109	1474.	-0.3
60	60.1	6.202	33.113	6.83	0.15	26.036	0.114	1474.	-0.1
61	61.9	6.201	33.113	6.84	0.16	26.037	0.117	1474.	-0.1
63	63.9	6.201	33.113	6.83	0.16	26.037	0.121	1474.	-0.2
66	66.1	6.201	33.113	6.83	0.16	26.037	0.125	1474.	0.2
67	68.0	6.200	33.112	6.83	0.16	26.036	0.129	1474.	0.2
69	69.9	6.200	33.112	6.83	0.16	26.036	0.133	1474.	0.2
71	72.0	6.201	33.112	6.82	0.16	26.036	0.137	1474.	-0.1
74	74.3	6.200	33.113	6.82	0.15	26.037	0.142	1474.	0.1
75	75.8	6.201	33.112	6.82	0.16	26.036	0.144	1474.	0.2
77	78.0	6.201	33.113	6.81	0.16	26.037	0.149	1474.	0.2
80	80.3	6.201	33.112	6.81	0.15	26.036	0.153	1474.	0.2
81	81.8	6.201	33.113	6.81	0.15	26.037	0.156	1474.	0.3
83	84.1	6.200	33.113	6.81	0.16	26.037	0.161	1475.	0.3
85	86.0	6.200	33.112	6.80	0.15	26.036	0.165	1475.	0.3
87	88.1	6.199	33.112	6.80	0.15	26.037	0.169	1475.	0.3
89	90.0	6.199	33.113	6.82	0.15	26.037	0.173	1475.	0.3
91	91.9	6.199	33.112	6.82	0.16	26.037	0.176	1475.	0.3
93	94.1	6.200	33.112	6.82	0.15	26.036	0.181	1475.	0.2
95	96.1	6.198	33.113	6.83	0.15	26.037	0.184	1475.	-0.1
97	97.9	6.197	33.112	6.85	0.15	26.037	0.188	1475.	-0.2
100	100.4	6.198	33.112	6.84	0.15	26.037	0.193	1475.	-0.1

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	6	05 FEB 1987	2033	41°37.0'N	68°52.1'W	126

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
100	101.2	6.199	33.112	6.83	0.16	26.036	0.195	1475.	-0.2
101	102.1	6.199	33.112	6.84	0.15	26.036	0.196	1475.	-0.3
102	102.8	6.199	33.112	6.83	0.15	26.036	0.198	1475.	0.0
103	103.9	6.199	33.112	6.82	0.16	26.036	0.200	1475.	0.3
104	105.0	6.199	33.112	6.82	0.16	26.036	0.202	1475.	0.5
105	106.0	6.199	33.112	6.82	0.15	26.036	0.204	1475.	0.4
106	107.0	6.199	33.113	6.82	0.15	26.037	0.206	1475.	0.4
107	108.0	6.199	33.113	6.82	0.15	26.037	0.208	1475.	0.4
108	109.0	6.199	33.113	6.83	0.15	26.037	0.210	1475.	0.4
109	110.0	6.199	33.112	6.83	0.15	26.037	0.212	1475.	0.3
110	111.0	6.199	33.113	6.83	0.15	26.037	0.214	1475.	0.2
111	111.9	6.198	33.113	6.83	0.15	26.037	0.216	1475.	0.1
112	112.9	6.199	33.112	6.84	0.15	26.037	0.218	1475.	-0.4
113	114.0	6.199	33.112	6.83	0.15	26.037	0.220	1475.	-0.5
114	114.9	6.198	33.112	6.83	0.15	26.037	0.222	1475.	-0.5
115	116.1	6.200	33.113	6.83	0.15	26.037	0.224	1475.	-0.5
116	116.9	6.206	33.113	6.83	0.15	26.036	0.226	1475.	-0.5
117	117.8	6.208	33.113	6.83	0.15	26.036	0.227	1475.	-0.5

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	7	05 FEB 1987	2202	41°39.1'N	68°39.0'W	150

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
1	0.9	6.269	33.144	6.69	0.17	26.053	0.000	1473.	-0.2
2	1.6	6.268	33.144	6.68	0.18	26.053	0.001	1473.	-0.2
4	4.1	6.269	33.143	6.69	0.17	26.052	0.006	1474.	-0.2
6	6.3	6.269	33.144	6.67	0.17	26.052	0.010	1474.	-0.2
8	7.9	6.268	33.143	6.67	0.17	26.052	0.014	1474.	-0.2
10	10.1	6.268	33.143	6.67	0.17	26.052	0.018	1474.	0.1
12	11.7	6.268	33.143	6.67	0.17	26.052	0.021	1474.	0.3
14	14.2	6.268	33.143	6.67	0.17	26.052	0.026	1474.	0.3
16	15.9	6.268	33.144	6.69	0.17	26.053	0.029	1474.	0.2
18	18.0	6.268	33.143	6.69	0.17	26.052	0.033	1474.	0.1
20	20.1	6.267	33.144	6.69	0.17	26.053	0.038	1474.	-0.2
22	21.9	6.267	33.144	6.69	0.17	26.053	0.041	1474.	-0.3
24	24.1	6.272	33.143	6.69	0.17	26.052	0.045	1474.	-0.4
26	25.7	6.271	33.143	6.69	0.17	26.052	0.048	1474.	-0.4
28	28.2	6.272	33.143	6.70	0.17	26.052	0.053	1474.	-0.3
29	29.7	6.272	33.143	6.70	0.17	26.052	0.056	1474.	-0.2
32	32.1	6.272	33.144	6.70	0.17	26.052	0.061	1474.	0.2
34	34.0	6.273	33.143	6.71	0.17	26.052	0.065	1474.	0.2
36	36.0	6.272	33.144	6.72	0.17	26.052	0.068	1474.	0.3
38	38.1	6.275	33.144	6.72	0.17	26.052	0.073	1474.	0.3
40	39.8	6.274	33.144	6.71	0.17	26.052	0.076	1474.	0.2
42	42.1	6.275	33.144	6.69	0.17	26.052	0.080	1474.	0.2
43	43.8	6.276	33.144	6.69	0.17	26.052	0.084	1474.	0.1
46	46.1	6.276	33.144	6.69	0.17	26.052	0.088	1474.	0.2
47	47.8	6.276	33.144	6.72	0.17	26.052	0.091	1474.	0.1
50	50.2	6.277	33.144	6.74	0.17	26.052	0.096	1474.	0.2
52	51.9	6.276	33.144	6.72	0.17	26.052	0.100	1474.	0.3
54	53.9	6.276	33.144	6.72	0.17	26.052	0.103	1474.	0.4
56	56.1	6.273	33.143	6.70	0.17	26.052	0.108	1474.	0.4
58	58.1	6.270	33.143	6.71	0.17	26.052	0.112	1474.	0.3
59	59.9	6.272	33.144	6.71	0.17	26.053	0.115	1474.	0.3
62	62.2	6.274	33.144	6.72	0.17	26.052	0.120	1474.	-0.2
63	63.8	6.275	33.144	6.72	0.17	26.052	0.123	1475.	-0.3
65	65.9	6.278	33.145	6.72	0.17	26.052	0.127	1475.	-0.4
68	68.1	6.278	33.144	6.73	0.17	26.052	0.131	1475.	-0.4
69	69.9	6.279	33.144	6.73	0.17	26.051	0.135	1475.	-0.2
71	72.0	6.276	33.144	6.74	0.17	26.052	0.139	1475.	-0.1
73	74.1	6.272	33.143	6.74	0.17	26.052	0.143	1475.	0.2
76	76.1	6.273	33.144	6.74	0.17	26.052	0.147	1475.	0.2
77	77.8	6.274	33.144	6.74	0.17	26.052	0.150	1475.	0.3
80	80.3	6.275	33.144	6.75	0.17	26.052	0.155	1475.	0.2
81	81.9	6.275	33.144	6.74	0.17	26.052	0.158	1475.	0.1
83	84.1	6.276	33.143	6.74	0.17	26.051	0.162	1475.	-0.2
85	85.9	6.274	33.144	6.74	0.17	26.052	0.166	1475.	0.2
87	87.9	6.274	33.143	6.75	0.17	26.052	0.170	1475.	0.2
89	90.0	6.275	33.144	6.74	0.17	26.052	0.174	1475.	0.3
91	91.7	6.275	33.144	6.75	0.17	26.052	0.177	1475.	0.3
94	94.3	6.273	33.144	6.77	0.17	26.052	0.182	1475.	0.3
95	95.9	6.273	33.143	6.80	0.17	26.052	0.186	1475.	0.5
97	98.2	6.274	33.144	6.79	0.17	26.052	0.190	1475.	0.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	7	05 FEB 1987	2202	41°39.1'N	68°39.0'W	150

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
99	99.9	6.277	33.144	6.76	0.17	26.052	0.193	1475.	0.8
101	102.1	6.281	33.145	6.76	0.17	26.052	0.198	1475.	0.9
103	103.8	6.282	33.147	6.75	0.17	26.054	0.201	1475.	0.9
105	106.0	6.281	33.148	6.76	0.17	26.055	0.205	1475.	0.8
107	108.0	6.281	33.149	6.78	0.17	26.055	0.209	1475.	0.7
109	109.8	6.281	33.148	6.78	0.17	26.054	0.213	1475.	0.6
111	112.1	6.281	33.148	6.78	0.17	26.054	0.217	1475.	0.3
113	113.7	6.280	33.148	6.78	0.17	26.055	0.221	1475.	0.1
115	116.0	6.281	33.148	6.77	0.17	26.055	0.225	1475.	0.1
117	118.0	6.281	33.148	6.77	0.17	26.054	0.229	1475.	0.2
119	119.9	6.281	33.148	6.77	0.17	26.054	0.233	1475.	0.2
121	122.1	6.280	33.148	6.76	0.17	26.055	0.237	1476.	0.3
123	123.8	6.281	33.148	6.78	0.17	26.054	0.240	1476.	0.4
125	126.2	6.282	33.148	6.78	0.17	26.054	0.245	1476.	0.5
127	127.9	6.281	33.148	6.79	0.17	26.054	0.248	1476.	0.5
129	130.1	6.279	33.149	6.79	0.17	26.055	0.253	1476.	0.5
131	132.0	6.280	33.149	6.77	0.17	26.055	0.256	1476.	0.5
133	134.1	6.279	33.149	6.78	0.17	26.055	0.260	1476.	0.3
134	135.2	6.279	33.149	6.78	0.17	26.055	0.263	1476.	-0.3
135	136.0	6.280	33.149	6.78	0.17	26.055	0.264	1476.	-0.6
136	136.8	6.281	33.148	6.77	0.17	26.055	0.266	1476.	-0.8
137	138.2	6.283	33.148	6.77	0.17	26.054	0.268	1476.	-0.9
138	139.1	6.282	33.148	6.77	0.17	26.054	0.270	1476.	-0.9
139	140.0	6.284	33.148	6.76	0.17	26.054	0.272	1476.	-0.9
140	140.9	6.284	33.148	6.76	0.17	26.054	0.274	1476.	-0.9
141	142.1	6.285	33.148	6.77	0.17	26.053	0.276	1476.	-0.9
142	143.0	6.287	33.147	6.79	0.17	26.053	0.278	1476.	-0.9
143	143.7	6.287	33.147	6.78	0.17	26.053	0.279	1476.	-0.9

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	8	05 FEB 1987	2330	41°42.1'N	68°26.0'W	170

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	1.8	6.183	33.095	6.78	0.19	26.025	0.000	1473.	-0.4
4	4.0	6.181	33.095	6.78	0.19	26.025	0.004	1473.	-0.4
6	5.9	6.181	33.094	6.80	0.19	26.025	0.008	1473.	-0.4
8	7.7	6.185	33.094	6.78	0.20	26.024	0.012	1473.	-0.4
10	10.1	6.187	33.094	6.77	0.19	26.024	0.016	1473.	-0.4
12	11.9	6.184	33.094	6.77	0.20	26.024	0.020	1473.	-0.5
14	14.0	6.191	33.095	6.77	0.20	26.024	0.024	1473.	-0.4
16	15.9	6.193	33.095	6.77	0.20	26.024	0.028	1473.	-0.4
18	18.0	6.189	33.095	6.77	0.20	26.024	0.032	1473.	-0.5
20	20.0	6.194	33.095	6.77	0.20	26.024	0.036	1473.	-0.5
22	21.9	6.194	33.095	6.77	0.20	26.023	0.040	1473.	-0.5
24	23.9	6.196	33.095	6.78	0.20	26.023	0.044	1474.	-0.4
26	26.0	6.197	33.095	6.77	0.20	26.023	0.048	1474.	-0.4
28	28.1	6.197	33.094	6.78	0.20	26.023	0.052	1474.	-0.3
30	29.9	6.198	33.095	6.78	0.20	26.023	0.056	1474.	0.0
32	32.0	6.198	33.095	6.78	0.20	26.023	0.060	1474.	0.3
34	34.1	6.200	33.095	6.78	0.20	26.023	0.064	1474.	0.3
36	35.9	6.199	33.095	6.78	0.20	26.023	0.067	1474.	0.3
38	38.1	6.199	33.095	6.77	0.20	26.023	0.072	1474.	0.4
40	40.2	6.197	33.095	6.77	0.20	26.023	0.076	1474.	0.4
42	42.0	6.197	33.095	6.76	0.20	26.023	0.079	1474.	0.5
44	44.1	6.197	33.095	6.77	0.20	26.023	0.084	1474.	0.4
46	46.0	6.196	33.096	6.77	0.20	26.024	0.087	1474.	0.4
48	48.1	6.196	33.095	6.77	0.20	26.024	0.091	1474.	0.4
50	50.1	6.198	33.095	6.77	0.19	26.023	0.095	1474.	0.5
52	52.0	6.197	33.095	6.77	0.19	26.023	0.099	1474.	0.5
53	53.9	6.197	33.095	6.77	0.19	26.023	0.103	1474.	0.5
55	55.9	6.199	33.096	6.77	0.20	26.024	0.107	1474.	0.5
58	58.1	6.204	33.098	6.76	0.19	26.024	0.111	1474.	0.3
59	60.0	6.205	33.098	6.76	0.19	26.025	0.115	1474.	0.3
61	61.9	6.206	33.098	6.75	0.20	26.024	0.119	1474.	0.5
63	64.0	6.205	33.097	6.75	0.20	26.024	0.123	1474.	0.6
66	66.1	6.203	33.096	6.76	0.19	26.023	0.127	1474.	0.6
67	68.0	6.209	33.098	6.77	0.19	26.024	0.131	1474.	0.7
69	70.0	6.214	33.102	6.77	0.19	26.026	0.135	1474.	0.8
71	72.0	6.218	33.102	6.77	0.19	26.026	0.139	1474.	1.0
73	74.1	6.211	33.100	6.77	0.19	26.025	0.143	1474.	1.1
75	76.0	6.217	33.102	6.76	0.19	26.026	0.147	1474.	1.0
77	77.9	6.220	33.104	6.77	0.18	26.027	0.151	1474.	1.0
79	80.1	6.230	33.108	6.78	0.18	26.029	0.155	1475.	1.1
81	82.0	6.230	33.108	6.78	0.18	26.029	0.159	1475.	1.1
83	84.0	6.231	33.109	6.77	0.18	26.029	0.163	1475.	1.0
85	86.0	6.232	33.110	6.76	0.18	26.031	0.167	1475.	1.0
87	87.9	6.232	33.110	6.76	0.17	26.031	0.170	1475.	0.9
89	90.0	6.232	33.111	6.76	0.17	26.031	0.175	1475.	0.9
91	92.1	6.231	33.111	6.77	0.17	26.032	0.179	1475.	0.9
93	93.9	6.230	33.113	6.77	0.17	26.033	0.182	1475.	0.9
95	96.0	6.230	33.113	6.77	0.17	26.033	0.186	1475.	1.1
97	98.0	6.231	33.113	6.76	0.17	26.033	0.190	1475.	1.1
99	100.1	6.231	33.114	6.76	0.16	26.034	0.194	1475.	1.1

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	8	05 FEB 1987	2330	41°42.1'N	68°26.0'W	170

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	101.8	6.231	33.115	6.75	0.16	26.034	0.198	1475.	1.1
103	104.1	6.233	33.119	6.76	0.16	26.038	0.202	1475.	1.1
105	105.9	6.234	33.119	6.76	0.17	26.037	0.206	1475.	1.0
107	108.1	6.236	33.120	6.76	0.17	26.038	0.210	1475.	0.9
109	109.9	6.237	33.120	6.77	0.17	26.038	0.214	1475.	0.7
111	112.0	6.237	33.120	6.78	0.17	26.038	0.218	1475.	0.3
113	113.9	6.236	33.121	6.78	0.17	26.038	0.222	1475.	0.2
115	116.1	6.237	33.120	6.78	0.17	26.038	0.226	1475.	0.1
117	117.8	6.237	33.120	6.78	0.17	26.038	0.229	1475.	0.2
119	120.0	6.237	33.120	6.78	0.17	26.037	0.234	1475.	0.2
121	122.1	6.237	33.120	6.77	0.17	26.038	0.238	1475.	0.2
123	123.9	6.239	33.121	6.78	0.17	26.038	0.241	1475.	0.2
125	126.0	6.238	33.121	6.78	0.18	26.038	0.246	1475.	0.2
127	128.1	6.239	33.120	6.78	0.17	26.038	0.250	1475.	0.1
129	129.9	6.239	33.120	6.78	0.18	26.038	0.253	1475.	-0.3
131	132.0	6.240	33.120	6.78	0.18	26.038	0.258	1475.	-0.3
133	133.9	6.240	33.120	6.77	0.18	26.038	0.261	1476.	-0.3
135	136.1	6.240	33.120	6.77	0.18	26.038	0.266	1476.	-0.2
137	138.1	6.240	33.120	6.78	0.17	26.038	0.270	1476.	-0.3
139	140.0	6.240	33.120	6.76	0.17	26.038	0.273	1476.	-0.3
141	141.7	6.240	33.120	6.77	0.17	26.038	0.277	1476.	-0.3
143	143.8	6.240	33.120	6.77	0.18	26.038	0.281	1476.	-0.2
145	146.2	6.242	33.120	6.76	0.19	26.037	0.286	1476.	-0.1
147	148.0	6.242	33.120	6.78	0.19	26.037	0.289	1476.	0.1
149	149.9	6.242	33.120	6.78	0.19	26.037	0.293	1476.	0.2
151	152.2	6.243	33.121	6.77	0.20	26.037	0.297	1476.	0.3
153	153.8	6.243	33.121	6.75	0.21	26.038	0.301	1476.	0.3
155	156.2	6.243	33.121	6.76	0.20	26.038	0.305	1476.	0.2
156	157.3	6.243	33.121	6.77	0.20	26.037	0.307	1476.	0.2
157	158.0	6.244	33.120	6.77	0.20	26.037	0.309	1476.	-0.1
158	159.0	6.244	33.121	6.78	0.20	26.037	0.311	1476.	-0.1
159	160.0	6.244	33.120	6.77	0.20	26.037	0.313	1476.	-0.1
160	161.0	6.244	33.121	6.78	0.20	26.037	0.315	1476.	0.2
161	162.0	6.244	33.121	6.78	0.20	26.037	0.317	1476.	0.3
162	163.0	6.244	33.121	6.79	0.20	26.037	0.319	1476.	0.2
163	164.0	6.244	33.120	6.79	0.20	26.037	0.321	1476.	0.2
164	165.0	6.244	33.121	6.78	0.20	26.037	0.323	1476.	0.2
165	166.1	6.244	33.120	6.78	0.20	26.037	0.325	1476.	0.2
165	166.6	6.245	33.120	6.77	0.21	26.037	0.326	1476.	0.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	9	06 FEB 1987	0056	41°45.4'N	68°11.9'W	62

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.2	5.835	33.061	6.91	0.25	26.041	0.000	1472.	0.3
4	3.9	5.838	33.061	6.92	0.24	26.040	0.003	1472.	0.3
6	6.0	5.839	33.061	6.93	0.25	26.040	0.007	1472.	0.3
8	8.1	5.837	33.061	6.93	0.25	26.041	0.011	1472.	0.3
10	10.2	5.838	33.061	6.93	0.24	26.040	0.016	1472.	0.3
12	12.0	5.838	33.061	6.93	0.25	26.041	0.019	1472.	0.4
14	13.9	5.835	33.061	6.92	0.24	26.041	0.023	1472.	0.3
16	16.1	5.835	33.061	6.93	0.24	26.041	0.027	1472.	-0.3
18	17.8	5.836	33.061	6.94	0.24	26.041	0.031	1472.	-0.4
20	20.1	5.836	33.061	6.94	0.25	26.041	0.035	1472.	-0.4
22	21.8	5.839	33.061	6.93	0.25	26.040	0.038	1472.	-0.4
24	24.0	5.847	33.061	6.92	0.25	26.039	0.043	1472.	-0.2
26	26.2	5.845	33.061	6.91	0.24	26.040	0.047	1472.	0.2
28	27.9	5.842	33.061	6.93	0.24	26.040	0.050	1472.	0.5
30	30.1	5.840	33.061	6.92	0.25	26.040	0.055	1472.	0.5
32	31.9	5.835	33.061	6.92	0.24	26.041	0.058	1472.	0.6
34	33.9	5.835	33.061	6.92	0.24	26.041	0.062	1472.	0.3
36	35.8	5.834	33.061	6.91	0.24	26.041	0.066	1472.	-0.2
37	37.8	5.834	33.061	6.89	0.24	26.041	0.070	1472.	-0.5
40	40.0	5.838	33.061	6.90	0.24	26.040	0.074	1472.	-0.6
42	42.0	5.841	33.061	6.91	0.24	26.040	0.078	1472.	-0.7
44	44.1	5.842	33.061	6.90	0.24	26.040	0.082	1472.	-0.7
46	46.0	5.850	33.061	6.88	0.25	26.039	0.086	1472.	-0.7
47	47.8	5.849	33.061	6.89	0.24	26.039	0.089	1472.	-0.6
49	49.2	5.849	33.061	6.90	0.25	26.039	0.092	1472.	-0.6
50	50.1	5.850	33.061	6.90	0.24	26.039	0.094	1473.	-0.5
51	50.9	5.849	33.061	6.89	0.24	26.039	0.096	1473.	-0.3
52	52.1	5.850	33.060	6.88	0.25	26.039	0.098	1473.	-0.2
53	53.0	5.850	33.060	6.88	0.25	26.039	0.100	1473.	-0.3
53	53.9	5.850	33.060	6.89	0.25	26.039	0.101	1473.	-0.3
55	55.0	5.850	33.061	6.90	0.25	26.039	0.104	1473.	-0.3
55	55.9	5.850	33.061	6.91	0.25	26.039	0.105	1473.	-0.3
57	57.1	5.851	33.060	6.89	0.25	26.039	0.108	1473.	-0.3
58	58.1	5.848	33.060	6.89	0.24	26.039	0.110	1473.	-0.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	10	06 FEB 1987	0144	41°49.3'N	68°15.3'W	142

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.8	6.083	33.086	6.83	0.23	26.030	0.000	1473.	-0.4
4	3.9	6.083	33.085	6.83	0.23	26.030	0.002	1473.	-0.4
6	6.0	6.094	33.086	6.82	0.23	26.029	0.006	1473.	-0.4
8	7.9	6.101	33.087	6.83	0.23	26.029	0.010	1473.	-0.4
10	10.0	6.102	33.087	6.82	0.23	26.028	0.014	1473.	-0.4
12	11.8	6.104	33.087	6.83	0.23	26.029	0.018	1473.	0.2
14	14.0	6.090	33.086	6.81	0.23	26.029	0.022	1473.	0.4
16	16.0	6.090	33.086	6.83	0.23	26.029	0.026	1473.	0.2
18	18.0	6.093	33.086	6.83	0.23	26.029	0.030	1473.	-0.2
20	19.9	6.090	33.086	6.82	0.23	26.029	0.034	1473.	-0.4
22	21.9	6.098	33.087	6.81	0.23	26.029	0.038	1473.	-0.5
24	24.0	6.094	33.085	6.81	0.23	26.028	0.042	1473.	-0.5
26	25.9	6.093	33.085	6.83	0.23	26.028	0.046	1473.	-0.4
28	28.1	6.092	33.085	6.82	0.23	26.028	0.050	1473.	-0.4
30	29.9	6.098	33.086	6.80	0.23	26.028	0.053	1473.	-0.4
32	31.9	6.094	33.085	6.82	0.23	26.028	0.057	1473.	-0.4
34	33.9	6.094	33.085	6.82	0.23	26.028	0.061	1473.	-0.5
36	35.9	6.095	33.085	6.81	0.23	26.028	0.065	1473.	-0.5
38	37.8	6.097	33.085	6.82	0.23	26.028	0.069	1473.	-0.4
40	39.8	6.101	33.084	6.83	0.23	26.027	0.073	1473.	0.1
42	41.9	6.106	33.085	6.81	0.23	26.027	0.077	1473.	0.3
44	43.9	6.103	33.085	6.82	0.23	26.027	0.081	1473.	0.5
45	45.8	6.094	33.085	6.83	0.23	26.028	0.085	1473.	0.6
48	47.9	6.094	33.085	6.83	0.23	26.028	0.089	1473.	0.6
49	49.7	6.108	33.087	6.83	0.23	26.028	0.093	1474.	0.6
52	52.1	6.101	33.087	6.83	0.23	26.029	0.097	1474.	0.5
54	54.0	6.133	33.092	6.82	0.23	26.028	0.101	1474.	0.4
56	56.0	6.133	33.092	6.83	0.23	26.028	0.105	1474.	0.5
58	58.1	6.132	33.092	6.81	0.23	26.029	0.109	1474.	0.5
60	60.2	6.132	33.092	6.79	0.23	26.029	0.113	1474.	0.5
61	62.0	6.130	33.092	6.81	0.23	26.029	0.117	1474.	0.6
63	63.9	6.139	33.094	6.79	0.23	26.029	0.121	1474.	0.5
65	65.8	6.141	33.094	6.81	0.23	26.030	0.124	1474.	0.5
67	67.9	6.142	33.095	6.82	0.23	26.030	0.128	1474.	0.4
70	70.2	6.146	33.095	6.81	0.23	26.030	0.133	1474.	0.3
71	72.0	6.149	33.095	6.82	0.23	26.030	0.137	1474.	-0.2
73	73.8	6.154	33.096	6.80	0.23	26.030	0.140	1474.	-0.3
75	76.0	6.159	33.097	6.79	0.23	26.030	0.144	1474.	-0.3
77	78.0	6.160	33.097	6.80	0.23	26.029	0.148	1474.	-0.4
80	80.2	6.160	33.097	6.80	0.23	26.029	0.153	1474.	-0.4
81	81.9	6.159	33.096	6.81	0.23	26.029	0.156	1474.	-0.2
83	83.8	6.170	33.099	6.80	0.24	26.029	0.160	1474.	0.4
85	86.0	6.175	33.099	6.80	0.24	26.029	0.164	1474.	0.3
87	87.9	6.179	33.099	6.81	0.24	26.029	0.168	1474.	0.3
89	90.1	6.177	33.100	6.79	0.23	26.029	0.172	1475.	0.2
91	92.0	6.180	33.102	6.80	0.23	26.031	0.176	1475.	-0.2
93	93.8	6.198	33.102	6.80	0.24	26.029	0.180	1475.	0.2
95	96.1	6.198	33.103	6.80	0.24	26.029	0.184	1475.	0.3
97	97.9	6.201	33.103	6.80	0.24	26.029	0.188	1475.	0.3
99	100.2	6.202	33.103	6.81	0.24	26.029	0.192	1475.	0.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	10	06 FEB 1987	0144	41°49.3'N	68°15.3'W	142

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.1	6.190	33.102	6.81	0.24	26.029	0.196	1475.	0.6
103	103.7	6.175	33.100	6.82	0.23	26.030	0.199	1475.	0.7
105	105.9	6.178	33.101	6.82	0.24	26.030	0.204	1475.	0.7
107	108.1	6.175	33.100	6.82	0.24	26.030	0.208	1475.	0.7
109	110.2	6.176	33.101	6.79	0.24	26.031	0.212	1475.	0.7
111	111.9	6.173	33.102	6.79	0.23	26.031	0.216	1475.	0.6
113	113.9	6.172	33.102	6.80	0.23	26.031	0.219	1475.	0.5
115	116.2	6.170	33.101	6.83	0.23	26.031	0.224	1475.	0.4
117	118.1	6.170	33.102	6.81	0.23	26.032	0.228	1475.	0.3
119	119.9	6.173	33.101	6.79	0.23	26.031	0.232	1475.	-0.1
121	122.0	6.172	33.101	6.79	0.23	26.031	0.236	1475.	-0.2
123	124.1	6.172	33.101	6.78	0.23	26.031	0.240	1475.	-0.2
125	126.1	6.173	33.101	6.77	0.23	26.031	0.244	1475.	-0.2
127	128.0	6.175	33.102	6.79	0.23	26.031	0.247	1475.	0.2
129	130.1	6.176	33.102	6.79	0.23	26.031	0.252	1475.	0.3
131	132.1	6.178	33.102	6.79	0.23	26.031	0.256	1475.	0.3
133	133.8	6.179	33.102	6.80	0.24	26.031	0.259	1475.	0.3
134	135.2	6.179	33.102	6.81	0.24	26.031	0.262	1475.	0.3
135	135.9	6.180	33.103	6.82	0.25	26.031	0.263	1475.	0.4
136	136.9	6.180	33.103	6.81	0.25	26.031	0.265	1475.	0.2
137	138.0	6.180	33.103	6.81	0.25	26.031	0.267	1475.	-0.2
138	138.9	6.179	33.102	6.81	0.24	26.031	0.269	1475.	-0.3
139	140.0	6.179	33.102	6.81	0.24	26.031	0.271	1475.	-0.3
140	141.1	6.179	33.102	6.80	0.24	26.031	0.274	1475.	-0.3
141	141.9	6.179	33.102	6.80	0.24	26.031	0.275	1475.	-0.3
142	143.1	6.180	33.102	6.81	0.24	26.031	0.277	1475.	-0.3
143	144.0	6.180	33.102	6.81	0.24	26.031	0.279	1475.	-0.3
144	144.9	6.180	33.102	6.81	0.24	26.031	0.281	1475.	-0.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	11	06 FEB 1987	0244	41°53.8'N	68°16.9'W	212

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
4	4.1	6.154	33.160	6.76	0.13	26.080	0.000	1473.	0.7
6	6.1	6.156	33.160	6.76	0.13	26.079	0.004	1473.	0.7
8	7.9	6.154	33.160	6.76	0.13	26.080	0.007	1473.	0.7
10	9.9	6.155	33.160	6.78	0.13	26.080	0.011	1473.	0.7
12	12.2	6.154	33.161	6.78	0.13	26.081	0.016	1473.	0.7
14	14.0	6.149	33.161	6.77	0.13	26.081	0.019	1473.	0.7
16	15.9	6.148	33.161	6.76	0.12	26.082	0.023	1473.	0.7
18	18.0	6.147	33.161	6.74	0.12	26.082	0.027	1473.	0.8
20	20.0	6.148	33.161	6.74	0.12	26.081	0.031	1473.	0.9
22	22.0	6.147	33.161	6.74	0.12	26.082	0.035	1473.	1.0
24	24.0	6.144	33.162	6.75	0.12	26.083	0.038	1473.	1.1
26	26.0	6.142	33.163	6.74	0.12	26.084	0.042	1473.	1.1
28	27.9	6.139	33.165	6.76	0.12	26.085	0.046	1473.	1.0
30	30.1	6.137	33.166	6.75	0.12	26.087	0.050	1473.	1.0
32	32.1	6.137	33.165	6.75	0.12	26.086	0.054	1473.	1.1
34	34.0	6.138	33.165	6.75	0.12	26.086	0.058	1474.	1.3
35	35.8	6.138	33.165	6.74	0.12	26.086	0.061	1474.	1.5
38	38.0	6.133	33.167	6.75	0.11	26.088	0.065	1474.	1.6
40	39.9	6.128	33.171	6.76	0.11	26.092	0.069	1474.	1.7
41	41.8	6.122	33.173	6.77	0.11	26.094	0.072	1474.	1.6
44	44.1	6.117	33.175	6.76	0.11	26.096	0.077	1474.	1.8
46	46.2	6.117	33.176	6.76	0.11	26.097	0.081	1474.	1.9
48	47.9	6.118	33.175	6.77	0.11	26.096	0.084	1474.	2.1
50	50.1	6.116	33.176	6.76	0.11	26.097	0.088	1474.	2.2
52	52.0	6.102	33.184	6.77	0.10	26.105	0.092	1474.	2.3
54	54.1	6.092	33.188	6.78	0.10	26.110	0.096	1474.	2.3
56	56.1	6.079	33.194	6.79	0.10	26.116	0.100	1474.	2.3
57	57.9	6.077	33.195	6.79	0.10	26.117	0.103	1474.	2.1
60	60.0	6.074	33.196	6.79	0.10	26.118	0.107	1474.	1.8
61	61.9	6.071	33.197	6.80	0.09	26.120	0.111	1474.	1.5
64	64.0	6.067	33.199	6.79	0.09	26.121	0.115	1474.	1.3
66	66.2	6.066	33.199	6.80	0.09	26.122	0.119	1474.	1.2
67	68.0	6.064	33.200	6.80	0.09	26.123	0.122	1474.	1.1
70	70.2	6.064	33.200	6.80	0.09	26.123	0.126	1474.	1.0
71	71.8	6.062	33.201	6.80	0.09	26.124	0.129	1474.	1.0
74	74.3	6.062	33.201	6.80	0.09	26.124	0.134	1474.	1.0
75	75.7	6.060	33.202	6.81	0.09	26.124	0.137	1474.	1.0
77	78.1	6.058	33.203	6.80	0.09	26.125	0.141	1474.	1.0
79	79.8	6.055	33.203	6.81	0.09	26.126	0.144	1474.	0.9
81	81.9	6.055	33.204	6.81	0.09	26.127	0.149	1474.	0.8
83	84.1	6.055	33.204	6.82	0.09	26.127	0.153	1474.	0.7
85	85.9	6.056	33.205	6.82	0.09	26.127	0.156	1474.	0.6
88	88.3	6.056	33.204	6.82	0.09	26.127	0.161	1474.	0.4
89	89.9	6.056	33.204	6.81	0.09	26.127	0.164	1474.	0.3
92	92.3	6.056	33.205	6.81	0.09	26.127	0.168	1474.	0.2
93	94.1	6.056	33.205	6.81	0.09	26.127	0.171	1474.	0.3
95	95.7	6.057	33.205	6.80	0.09	26.127	0.175	1474.	0.4
97	98.1	6.057	33.205	6.81	0.09	26.127	0.179	1474.	0.3
99	100.2	6.057	33.205	6.81	0.09	26.127	0.183	1474.	0.3
101	101.9	6.056	33.205	6.81	0.09	26.128	0.186	1474.	0.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	11	06 FEB 1987	0244	41°53.8'N	68°16.9'W	212

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
103	104.2	6.056	33.205	6.79	0.09	26.128	0.191	1474.	0.3
105	105.9	6.056	33.205	6.81	0.09	26.127	0.194	1474.	0.3
107	108.0	6.056	33.205	6.82	0.09	26.128	0.198	1474.	0.3
109	110.0	6.057	33.205	6.82	0.09	26.127	0.202	1475.	0.3
111	112.0	6.058	33.206	6.82	0.09	26.128	0.205	1475.	0.3
113	113.9	6.059	33.205	6.83	0.09	26.128	0.209	1475.	0.4
115	116.1	6.059	33.206	6.80	0.09	26.128	0.213	1475.	0.4
117	118.0	6.059	33.206	6.80	0.09	26.128	0.217	1475.	0.4
119	120.0	6.060	33.206	6.80	0.09	26.128	0.220	1475.	0.4
121	121.9	6.060	33.206	6.82	0.09	26.128	0.224	1475.	0.5
123	123.9	6.060	33.206	6.82	0.09	26.128	0.228	1475.	0.5
125	126.0	6.061	33.207	6.81	0.09	26.128	0.232	1475.	0.5
127	127.9	6.063	33.207	6.82	0.09	26.129	0.235	1475.	0.5
129	130.0	6.065	33.208	6.83	0.09	26.129	0.239	1475.	0.5
131	132.0	6.069	33.209	6.83	0.09	26.129	0.243	1475.	0.5
133	134.0	6.070	33.209	6.83	0.09	26.129	0.247	1475.	0.4
135	136.1	6.071	33.209	6.81	0.09	26.129	0.251	1475.	0.3
137	137.9	6.071	33.209	6.83	0.09	26.129	0.254	1475.	0.2
139	140.0	6.067	33.209	6.84	0.09	26.129	0.258	1475.	0.1
141	142.0	6.064	33.208	6.83	0.09	26.129	0.262	1475.	0.1
143	144.1	6.066	33.208	6.83	0.09	26.129	0.266	1475.	0.3
145	146.1	6.070	33.209	6.82	0.09	26.129	0.270	1475.	0.3
147	147.9	6.070	33.209	6.84	0.09	26.129	0.273	1475.	0.5
149	150.2	6.069	33.209	6.84	0.10	26.129	0.277	1475.	0.8
151	151.9	6.073	33.210	6.87	0.10	26.129	0.281	1475.	1.3
153	154.1	6.078	33.211	6.91	0.12	26.129	0.285	1475.	2.1
155	156.0	6.091	33.214	6.94	0.13	26.131	0.288	1475.	2.8
157	158.1	6.126	33.223	6.92	0.13	26.133	0.292	1476.	3.4
159	160.0	6.231	33.251	6.77	0.09	26.142	0.296	1476.	3.8
161	162.0	6.357	33.293	6.42	0.10	26.159	0.300	1477.	4.2
163	163.9	6.455	33.329	6.35	0.11	26.175	0.303	1477.	4.5
165	165.9	6.528	33.358	6.26	0.13	26.188	0.307	1477.	4.8
166	167.8	6.588	33.383	6.19	0.14	26.200	0.310	1478.	5.1
169	170.1	6.652	33.411	6.10	0.17	26.214	0.315	1478.	5.4
170	171.9	6.747	33.450	6.03	0.16	26.232	0.318	1479.	5.7
173	174.1	6.907	33.507	5.91	0.14	26.255	0.322	1479.	5.8
174	175.9	7.018	33.566	5.84	0.16	26.287	0.325	1480.	5.7
176	177.9	7.078	33.617	5.81	0.16	26.319	0.328	1480.	5.6
179	180.1	7.150	33.656	5.80	0.16	26.340	0.332	1481.	5.5
181	182.0	7.164	33.663	5.81	0.16	26.343	0.335	1481.	5.4
183	184.0	7.200	33.683	5.79	0.14	26.354	0.339	1481.	5.4
185	186.2	7.240	33.716	5.40	0.13	26.375	0.342	1481.	5.4
186	188.0	7.269	33.745	5.36	0.12	26.393	0.345	1481.	5.7
188	189.9	7.343	33.800	5.28	0.12	26.426	0.349	1482.	6.3
190	191.8	7.392	33.840	5.22	0.12	26.451	0.352	1482.	6.6
192	194.0	7.402	33.859	5.17	0.13	26.465	0.355	1482.	6.7
194	196.1	7.390	33.895	5.10	0.15	26.494	0.358	1482.	6.7
196	198.0	7.422	33.979	5.07	0.21	26.556	0.361	1482.	6.5
198	199.9	7.446	34.002	5.05	0.22	26.570	0.364	1482.	6.4
200	201.2	7.462	34.014	5.03	0.23	26.578	0.366	1483.	6.1

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	11	06 FEB 1987	0244	41°53.8'N	68°16.9'W	212

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	202.0	7.474	34.025	5.03	0.25	26.585	0.367	1483.	5.3
201	203.0	7.483	34.031	5.03	0.28	26.588	0.369	1483.	4.0
202	203.9	7.490	34.036	5.02	0.27	26.591	0.370	1483.	3.6
203	205.1	7.498	34.043	5.01	0.27	26.595	0.372	1483.	3.3
204	205.9	7.506	34.049	5.01	0.28	26.599	0.373	1483.	3.0
205	207.0	7.515	34.056	5.01	0.29	26.603	0.375	1483.	2.7
206	207.9	7.519	34.059	5.00	0.31	26.605	0.376	1483.	2.7
207	209.2	7.521	34.061	5.00	0.30	26.606	0.378	1483.	2.7
208	210.0	7.521	34.061	4.99	0.30	26.606	0.379	1483.	2.7
209	210.9	7.522	34.061	5.00	0.30	26.607	0.380	1483.	2.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	12	06 FEB 1987	0423	42°02.9'N	68°23.5'W	188

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.1	6.066	33.182	6.80	0.11	26.108	0.000	1473.	-0.7
4	4.0	6.073	33.182	6.78	0.10	26.107	0.004	1473.	-0.7
6	6.1	6.079	33.182	6.79	0.10	26.107	0.007	1473.	-0.7
8	7.8	6.083	33.182	6.80	0.10	26.106	0.011	1473.	-0.7
10	10.0	6.081	33.182	6.79	0.10	26.106	0.015	1473.	-0.7
12	12.1	6.082	33.181	6.78	0.10	26.106	0.019	1473.	-0.5
14	13.9	6.082	33.181	6.77	0.10	26.105	0.022	1473.	-0.4
16	15.9	6.082	33.181	6.78	0.10	26.106	0.026	1473.	-0.2
18	18.1	6.082	33.181	6.79	0.10	26.105	0.030	1473.	-0.1
20	19.9	6.083	33.182	6.78	0.10	26.106	0.034	1473.	0.0
22	21.9	6.082	33.181	6.78	0.10	26.106	0.038	1473.	-0.1
24	24.2	6.085	33.181	6.78	0.10	26.105	0.042	1473.	0.0
26	26.0	6.089	33.182	6.78	0.10	26.106	0.045	1473.	0.2
28	28.2	6.089	33.182	6.77	0.10	26.105	0.049	1473.	0.2
30	30.1	6.090	33.182	6.76	0.10	26.105	0.053	1473.	0.4
32	31.9	6.090	33.183	6.77	0.10	26.106	0.057	1473.	0.5
34	34.0	6.091	33.183	6.78	0.10	26.106	0.060	1473.	0.5
36	36.2	6.091	33.183	6.77	0.10	26.106	0.065	1473.	0.6
38	38.3	6.088	33.183	6.77	0.10	26.107	0.069	1473.	0.5
40	40.0	6.090	33.183	6.77	0.10	26.106	0.072	1473.	0.5
41	41.8	6.089	33.184	6.75	0.10	26.107	0.075	1473.	0.3
44	44.1	6.088	33.184	6.76	0.10	26.107	0.080	1474.	-0.4
46	46.1	6.089	33.184	6.76	0.10	26.107	0.084	1474.	-0.6
48	48.3	6.087	33.184	6.74	0.10	26.107	0.088	1474.	-0.5
49	49.7	6.091	33.182	6.74	0.10	26.105	0.090	1474.	-0.6
51	51.8	6.092	33.181	6.74	0.10	26.104	0.094	1474.	-0.6
53	53.9	6.091	33.182	6.75	0.10	26.105	0.098	1474.	-0.4
56	56.1	6.091	33.183	6.75	0.10	26.106	0.103	1474.	-0.3
57	57.9	6.091	33.182	6.76	0.10	26.105	0.106	1474.	0.4
60	60.2	6.091	33.182	6.76	0.10	26.105	0.110	1474.	0.5
61	62.0	6.089	33.182	6.77	0.10	26.105	0.114	1474.	0.5
63	64.0	6.087	33.181	6.77	0.10	26.105	0.118	1474.	0.6
65	65.8	6.092	33.183	6.76	0.10	26.106	0.121	1474.	0.8
68	68.1	6.092	33.184	6.77	0.10	26.106	0.125	1474.	0.8
69	70.0	6.091	33.184	6.77	0.10	26.106	0.129	1474.	0.9
71	72.0	6.091	33.184	6.78	0.10	26.107	0.133	1474.	1.0
74	74.2	6.086	33.186	6.78	0.10	26.109	0.137	1474.	1.0
75	76.0	6.087	33.185	6.78	0.10	26.108	0.140	1474.	1.1
77	77.9	6.086	33.186	6.78	0.10	26.109	0.144	1474.	1.2
79	79.9	6.084	33.187	6.79	0.10	26.110	0.148	1474.	1.4
81	82.2	6.082	33.188	6.80	0.11	26.111	0.152	1474.	1.5
83	83.7	6.082	33.191	6.79	0.11	26.113	0.155	1474.	1.5
85	86.2	6.085	33.193	6.79	0.11	26.114	0.160	1474.	1.4
87	88.0	6.096	33.198	6.78	0.10	26.117	0.163	1474.	1.3
89	90.2	6.097	33.199	6.78	0.10	26.118	0.167	1474.	1.2
91	91.8	6.095	33.199	6.79	0.11	26.118	0.170	1474.	1.0
93	94.0	6.096	33.199	6.79	0.11	26.118	0.175	1474.	0.8
95	96.1	6.097	33.200	6.78	0.11	26.118	0.179	1474.	0.5
97	98.0	6.097	33.200	6.79	0.11	26.118	0.182	1474.	0.5
99	100.2	6.098	33.200	6.79	0.11	26.118	0.186	1474.	0.6

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	12	06 FEB 1987	0423	42°02.9'N	68°23.5'W	188

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.1	6.098	33.200	6.79	0.11	26.119	0.190	1475.	0.6
103	104.1	6.100	33.200	6.79	0.10	26.119	0.194	1475.	0.6
105	106.0	6.105	33.202	6.79	0.11	26.119	0.197	1475.	0.5
107	108.0	6.108	33.203	6.78	0.11	26.120	0.201	1475.	0.5
109	109.9	6.108	33.203	6.80	0.11	26.120	0.205	1475.	0.4
111	112.0	6.107	33.203	6.81	0.10	26.119	0.209	1475.	0.4
113	114.0	6.109	33.203	6.84	0.11	26.119	0.212	1475.	0.2
115	116.0	6.111	33.203	6.86	0.11	26.119	0.216	1475.	0.3
117	118.2	6.113	33.203	6.89	0.10	26.119	0.220	1475.	0.4
119	119.9	6.121	33.206	6.92	0.10	26.120	0.224	1475.	0.5
121	122.2	6.127	33.206	6.94	0.10	26.120	0.228	1475.	0.6
123	123.9	6.130	33.207	6.96	0.10	26.120	0.231	1475.	0.7
125	125.9	6.131	33.207	6.97	0.10	26.120	0.235	1475.	1.0
127	128.2	6.135	33.208	6.93	0.10	26.120	0.240	1475.	1.3
129	129.9	6.141	33.210	6.56	0.10	26.121	0.243	1475.	1.7
131	132.0	6.154	33.214	6.54	0.10	26.123	0.247	1475.	2.4
133	133.9	6.198	33.224	6.46	0.10	26.125	0.250	1475.	3.1
135	136.2	6.233	33.236	6.35	0.11	26.130	0.255	1476.	3.5
137	137.7	6.296	33.255	6.23	0.13	26.137	0.257	1476.	3.7
139	140.0	6.418	33.299	6.12	0.16	26.156	0.262	1477.	3.7
141	141.9	6.489	33.333	6.06	0.20	26.173	0.265	1477.	3.6
143	144.1	6.504	33.339	5.99	0.22	26.177	0.269	1477.	3.3
145	146.0	6.517	33.348	5.95	0.23	26.182	0.273	1477.	2.8
147	148.0	6.519	33.350	5.94	0.24	26.183	0.276	1477.	2.3
149	149.9	6.519	33.350	5.94	0.24	26.183	0.280	1477.	1.9
151	152.2	6.523	33.352	5.93	0.24	26.184	0.284	1477.	1.9
153	154.0	6.525	33.356	5.92	0.25	26.187	0.288	1477.	1.8
155	155.9	6.528	33.362	5.93	0.25	26.191	0.291	1477.	1.8
157	158.0	6.531	33.365	5.94	0.26	26.193	0.295	1477.	2.0
159	160.1	6.534	33.368	5.94	0.26	26.195	0.299	1477.	2.0
161	161.9	6.538	33.370	5.94	0.27	26.197	0.302	1477.	2.1
163	164.1	6.540	33.373	5.96	0.30	26.198	0.306	1478.	2.2
165	166.1	6.553	33.381	6.00	0.29	26.203	0.310	1478.	2.3
167	168.0	6.565	33.389	6.02	0.30	26.208	0.313	1478.	2.4
168	169.8	6.574	33.394	6.02	0.30	26.211	0.317	1478.	2.6
170	171.3	6.582	33.399	6.02	0.30	26.213	0.319	1478.	3.0
171	172.1	6.590	33.404	6.02	0.30	26.216	0.321	1478.	3.5
171	172.9	6.601	33.409	6.01	0.31	26.219	0.322	1478.	4.2
173	174.0	6.611	33.414	6.00	0.31	26.222	0.324	1478.	6.0
174	175.0	6.651	33.440	5.83	0.33	26.237	0.326	1478.	7.3
174	175.9	6.692	33.461	5.59	0.34	26.248	0.328	1478.	7.9
176	177.0	6.743	33.483	5.55	0.37	26.259	0.329	1479.	8.3
176	178.0	6.926	33.606	5.46	0.41	26.331	0.331	1480.	8.4
178	179.1	6.966	33.638	5.43	0.42	26.351	0.333	1480.	8.4
179	180.0	6.992	33.651	5.39	0.43	26.358	0.335	1480.	8.4
180	181.0	7.021	33.673	5.30	0.44	26.370	0.336	1480.	8.4
180	181.7	7.034	33.681	5.24	0.45	26.375	0.337	1480.	8.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	13	06 FEB 1987	0611	42°11.5'N	68°29.2'W	161

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.1	6.173	33.248	6.72	0.15	26.147	0.000	1473.	-0.7
4	4.1	6.176	33.248	6.73	0.15	26.147	0.004	1473.	-0.7
6	6.1	6.173	33.248	6.73	0.15	26.147	0.007	1473.	-0.7
8	8.0	6.173	33.248	6.72	0.15	26.147	0.011	1473.	-0.7
10	9.9	6.182	33.247	6.69	0.15	26.145	0.015	1473.	-0.7
12	11.9	6.186	33.247	6.69	0.15	26.145	0.018	1473.	-0.7
14	14.0	6.192	33.248	6.70	0.15	26.144	0.022	1474.	-0.6
16	16.2	6.192	33.248	6.69	0.15	26.144	0.026	1474.	-0.5
18	17.8	6.192	33.248	6.70	0.15	26.145	0.029	1474.	-0.1
20	20.2	6.187	33.248	6.69	0.15	26.145	0.034	1474.	0.2
22	22.1	6.186	33.247	6.71	0.15	26.145	0.037	1474.	0.3
24	24.2	6.186	33.247	6.71	0.15	26.144	0.041	1474.	0.2
26	26.2	6.186	33.247	6.72	0.15	26.145	0.045	1474.	-0.1
28	28.1	6.186	33.247	6.71	0.15	26.145	0.048	1474.	-0.2
30	30.0	6.187	33.247	6.70	0.15	26.145	0.052	1474.	-0.2
32	32.2	6.189	33.247	6.70	0.15	26.144	0.056	1474.	0.0
34	34.2	6.188	33.247	6.70	0.15	26.144	0.060	1474.	0.1
36	35.9	6.188	33.247	6.69	0.15	26.144	0.063	1474.	0.3
38	37.9	6.187	33.247	6.70	0.15	26.144	0.067	1474.	0.3
40	40.2	6.186	33.247	6.70	0.15	26.145	0.071	1474.	0.4
42	42.0	6.185	33.247	6.70	0.15	26.145	0.074	1474.	0.4
43	43.8	6.185	33.247	6.71	0.15	26.145	0.078	1474.	0.4
46	46.0	6.186	33.247	6.69	0.15	26.145	0.082	1474.	0.2
48	48.1	6.185	33.247	6.70	0.15	26.145	0.086	1474.	-0.4
50	50.0	6.182	33.247	6.70	0.15	26.145	0.089	1474.	-0.4
52	51.9	6.185	33.247	6.68	0.15	26.145	0.093	1474.	-0.5
54	54.0	6.192	33.247	6.62	0.15	26.144	0.097	1474.	-0.6
56	56.0	6.198	33.248	6.67	0.15	26.144	0.100	1474.	-0.6
58	58.1	6.199	33.248	6.70	0.15	26.144	0.104	1474.	-0.5
59	59.8	6.200	33.248	6.69	0.15	26.144	0.108	1474.	-0.4
61	61.8	6.200	33.248	6.69	0.15	26.143	0.111	1474.	-0.3
64	64.0	6.201	33.248	6.68	0.15	26.144	0.115	1474.	-0.2
66	66.2	6.202	33.248	6.66	0.15	26.143	0.119	1474.	-0.2
68	68.1	6.202	33.248	6.66	0.15	26.143	0.123	1474.	-0.2
69	69.8	6.203	33.248	6.68	0.15	26.143	0.126	1474.	-0.2
72	72.1	6.203	33.248	6.68	0.15	26.143	0.130	1475.	-0.2
73	74.0	6.200	33.248	6.69	0.15	26.143	0.134	1475.	0.2
76	76.2	6.200	33.248	6.69	0.15	26.143	0.138	1475.	0.0
77	77.9	6.201	33.247	6.69	0.15	26.143	0.141	1475.	0.1
79	79.9	6.204	33.248	6.70	0.15	26.143	0.145	1475.	0.2
81	82.1	6.204	33.249	6.73	0.15	26.143	0.149	1475.	0.3
83	84.0	6.206	33.248	6.74	0.15	26.143	0.153	1475.	0.3
85	85.9	6.205	33.249	6.77	0.15	26.143	0.156	1475.	0.2
87	88.1	6.207	33.249	6.78	0.15	26.143	0.160	1475.	0.2
89	89.9	6.206	33.249	6.77	0.15	26.143	0.164	1475.	0.3
91	91.8	6.206	33.249	6.74	0.15	26.143	0.167	1475.	0.4
93	93.8	6.209	33.249	6.72	0.15	26.143	0.171	1475.	0.4
99	100.2	6.216	33.251	6.71	0.15	26.143	0.183	1475.	0.4
101	102.1	6.215	33.250	6.63	0.15	26.144	0.187	1475.	0.4
103	104.1	6.216	33.251	6.67	0.15	26.144	0.190	1475.	0.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	13	06 FEB 1987	0611	42°11.5'N	68°29.2'W	161

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
105	106.0	6.216	33.251	6.72	0.15	26.144	0.194	1475.	0.4
108	108.6	6.214	33.251	6.76	0.15	26.144	0.199	1475.	0.3
109	109.8	6.214	33.251	6.79	0.15	26.144	0.201	1475.	0.2
112	112.5	6.217	33.251	6.44	0.15	26.144	0.206	1475.	-0.2
113	114.3	6.215	33.251	6.43	0.15	26.144	0.209	1475.	0.1
115	115.9	6.212	33.250	6.42	0.15	26.144	0.212	1475.	0.3
117	118.1	6.214	33.250	6.41	0.15	26.143	0.216	1475.	0.2
119	120.1	6.223	33.252	6.38	0.15	26.143	0.220	1475.	0.8
121	122.1	6.236	33.255	6.31	0.15	26.145	0.224	1475.	1.1
123	124.1	6.242	33.256	6.26	0.15	26.145	0.228	1476.	1.3
125	125.9	6.269	33.259	6.24	0.15	26.144	0.231	1476.	1.5
127	128.0	6.296	33.270	6.24	0.16	26.149	0.235	1476.	1.7
129	130.0	6.321	33.276	6.23	0.16	26.150	0.239	1476.	2.1
131	131.8	6.334	33.282	6.23	0.17	26.153	0.242	1476.	2.8
133	133.9	6.350	33.286	6.22	0.17	26.155	0.246	1476.	3.2
135	136.2	6.369	33.294	6.18	0.17	26.158	0.250	1476.	3.4
137	138.0	6.425	33.317	6.03	0.20	26.170	0.254	1477.	3.5
139	140.0	6.513	33.361	5.97	0.23	26.193	0.258	1477.	3.5
141	142.1	6.536	33.374	5.96	0.24	26.200	0.261	1477.	3.4
143	144.2	6.539	33.376	5.95	0.24	26.201	0.265	1477.	3.2
145	146.1	6.544	33.378	5.95	0.24	26.202	0.269	1477.	2.6
146	147.2	6.546	33.379	5.96	0.24	26.202	0.271	1477.	1.6
147	147.9	6.547	33.380	5.95	0.25	26.203	0.272	1477.	1.2
148	149.1	6.550	33.381	5.95	0.25	26.204	0.274	1477.	1.1
149	149.9	6.551	33.382	5.95	0.25	26.204	0.276	1477.	1.0
150	151.1	6.552	33.382	5.94	0.24	26.204	0.278	1477.	0.8
151	151.8	6.551	33.382	5.94	0.24	26.204	0.279	1477.	0.8
152	153.0	6.551	33.382	5.93	0.24	26.204	0.281	1477.	0.8
153	153.9	6.552	33.382	5.94	0.24	26.204	0.283	1477.	0.8
154	155.1	6.553	33.382	5.94	0.24	26.204	0.285	1477.	0.8
155	155.9	6.555	33.384	5.93	0.25	26.205	0.287	1477.	0.8

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	14	06 FEB 1987	0726	42°16.9'N	68°32.1'W	180

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.5	6.115	33.241	6.72	0.11	26.148	0.000	1473.	-0.4
4	4.1	6.125	33.241	6.71	0.11	26.147	0.003	1473.	-0.4
6	6.0	6.126	33.241	6.74	0.11	26.147	0.006	1473.	-0.4
8	7.8	6.124	33.241	6.73	0.11	26.147	0.010	1473.	-0.4
10	9.9	6.124	33.240	6.74	0.12	26.147	0.014	1473.	-0.4
12	11.8	6.126	33.240	6.74	0.11	26.147	0.017	1473.	-0.2
14	14.1	6.128	33.241	6.74	0.11	26.147	0.021	1473.	-0.1
16	16.1	6.125	33.240	6.74	0.12	26.147	0.025	1473.	0.1
18	17.7	6.125	33.240	6.72	0.11	26.147	0.028	1473.	0.2
20	20.1	6.126	33.241	6.74	0.11	26.147	0.033	1473.	0.3
22	21.9	6.127	33.241	6.75	0.11	26.147	0.036	1473.	0.3
24	23.7	6.128	33.241	6.75	0.11	26.147	0.039	1473.	0.3
26	26.0	6.128	33.241	6.74	0.11	26.147	0.044	1473.	0.3
28	28.2	6.126	33.241	6.73	0.11	26.147	0.048	1473.	0.3
30	30.1	6.123	33.240	6.72	0.11	26.147	0.051	1473.	0.1
32	31.9	6.122	33.240	6.73	0.11	26.147	0.055	1474.	-0.1
34	33.9	6.126	33.240	6.74	0.11	26.147	0.058	1474.	-0.2
36	36.1	6.127	33.241	6.74	0.11	26.147	0.062	1474.	-0.3
38	38.1	6.129	33.241	6.73	0.11	26.147	0.066	1474.	-0.2
39	39.8	6.130	33.241	6.70	0.11	26.147	0.069	1474.	-0.2
42	42.0	6.129	33.241	6.70	0.11	26.147	0.073	1474.	-0.2
44	44.0	6.129	33.241	6.72	0.11	26.147	0.077	1474.	-0.3
46	46.0	6.127	33.241	6.73	0.11	26.147	0.081	1474.	-0.3
48	48.2	6.130	33.240	6.71	0.11	26.146	0.085	1474.	-0.3
50	50.0	6.131	33.241	6.72	0.11	26.146	0.088	1474.	-0.3
51	51.8	6.131	33.240	6.70	0.11	26.146	0.092	1474.	-0.2
53	53.9	6.135	33.241	6.70	0.11	26.146	0.096	1474.	-0.2
55	55.8	6.135	33.241	6.73	0.11	26.146	0.099	1474.	0.2
58	58.0	6.134	33.241	6.71	0.11	26.146	0.103	1474.	0.1
60	60.2	6.135	33.241	6.69	0.11	26.147	0.107	1474.	0.0
61	61.9	6.135	33.241	6.71	0.11	26.146	0.111	1474.	0.1
63	64.0	6.136	33.241	6.73	0.11	26.146	0.114	1474.	-0.1
65	66.0	6.136	33.241	6.73	0.11	26.146	0.118	1474.	-0.3
68	68.3	6.139	33.242	6.71	0.11	26.146	0.123	1474.	-0.2
69	70.0	6.140	33.242	6.72	0.11	26.146	0.126	1474.	0.1
71	71.9	6.141	33.242	6.73	0.11	26.146	0.129	1474.	0.3
73	73.8	6.139	33.241	6.73	0.11	26.146	0.133	1474.	0.3
75	75.9	6.146	33.243	6.74	0.12	26.146	0.137	1474.	0.2
78	78.2	6.151	33.243	6.76	0.12	26.146	0.141	1474.	0.2
79	80.0	6.151	33.245	6.79	0.12	26.147	0.144	1474.	-0.2
81	81.8	6.148	33.243	6.81	0.11	26.146	0.148	1474.	0.3
83	84.0	6.142	33.242	6.81	0.12	26.146	0.152	1474.	0.5
85	86.1	6.149	33.243	6.83	0.12	26.146	0.156	1475.	0.7
87	87.8	6.153	33.243	6.81	0.12	26.145	0.159	1475.	0.9
89	89.8	6.172	33.248	6.44	0.12	26.147	0.163	1475.	1.0
91	92.2	6.189	33.253	6.44	0.12	26.149	0.167	1475.	1.1
93	94.0	6.195	33.255	6.43	0.12	26.149	0.170	1475.	1.2
95	96.1	6.207	33.257	6.41	0.12	26.150	0.174	1475.	1.6
97	98.1	6.211	33.258	6.37	0.12	26.150	0.178	1475.	1.9
99	100.1	6.222	33.262	6.33	0.12	26.152	0.182	1475.	2.1

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	14	06 FEB 1987	0726	42°16.9'N	68°32.1'W	180

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	6.234	33.267	6.28	0.13	26.154	0.185	1475.	2.3
103	104.0	6.281	33.287	6.25	0.14	26.164	0.189	1475.	2.6
105	105.9	6.292	33.292	6.24	0.14	26.166	0.193	1475.	2.9
107	108.0	6.308	33.300	6.19	0.15	26.171	0.197	1476.	3.1
109	110.0	6.331	33.308	6.14	0.15	26.174	0.200	1476.	3.2
111	112.2	6.384	33.329	6.10	0.17	26.184	0.204	1476.	3.2
113	113.9	6.415	33.346	6.09	0.19	26.193	0.207	1476.	3.1
115	116.0	6.443	33.364	6.07	0.20	26.204	0.211	1476.	3.0
117	118.2	6.450	33.368	6.04	0.20	26.206	0.215	1476.	2.8
119	120.0	6.457	33.372	6.05	0.21	26.208	0.218	1476.	2.5
121	122.2	6.464	33.376	6.03	0.21	26.211	0.222	1477.	2.2
123	124.1	6.472	33.381	6.00	0.22	26.214	0.226	1477.	2.0
125	126.0	6.477	33.385	5.99	0.23	26.216	0.229	1477.	1.9
127	128.0	6.485	33.390	5.99	0.24	26.219	0.233	1477.	1.7
129	129.9	6.489	33.393	5.98	0.25	26.221	0.236	1477.	1.6
131	131.8	6.490	33.394	5.97	0.25	26.222	0.240	1477.	1.3
133	134.1	6.491	33.395	5.97	0.25	26.223	0.244	1477.	1.1
135	135.8	6.491	33.395	5.98	0.26	26.222	0.247	1477.	0.9
137	138.0	6.493	33.396	5.98	0.26	26.223	0.251	1477.	0.7
139	140.2	6.493	33.397	5.96	0.27	26.223	0.255	1477.	0.6
141	142.3	6.494	33.397	5.95	0.27	26.223	0.259	1477.	0.5
143	143.9	6.494	33.397	5.98	0.27	26.223	0.262	1477.	0.4
145	145.9	6.494	33.397	5.97	0.27	26.223	0.265	1477.	0.3
147	148.1	6.494	33.397	5.96	0.27	26.224	0.269	1477.	0.2
149	149.9	6.494	33.397	5.98	0.27	26.223	0.272	1477.	0.2
151	151.8	6.493	33.397	5.97	0.27	26.223	0.276	1477.	0.2
153	154.1	6.493	33.397	5.96	0.28	26.223	0.280	1477.	0.2
155	156.0	6.493	33.397	5.97	0.28	26.223	0.283	1477.	0.2
157	158.1	6.494	33.397	5.97	0.28	26.224	0.287	1477.	0.3
159	160.1	6.494	33.397	5.96	0.28	26.223	0.291	1477.	0.3
160	161.8	6.494	33.397	5.95	0.28	26.224	0.294	1477.	0.1
163	164.2	6.494	33.397	5.96	0.28	26.223	0.298	1477.	0.2
165	165.9	6.494	33.397	5.97	0.28	26.224	0.301	1477.	-0.1
166	167.2	6.494	33.397	5.97	0.29	26.223	0.304	1477.	0.1
167	168.1	6.494	33.397	5.97	0.28	26.223	0.305	1477.	-0.2
167	168.9	6.494	33.397	5.97	0.28	26.224	0.307	1477.	0.2
169	170.0	6.494	33.397	5.97	0.28	26.223	0.309	1477.	0.3
170	171.0	6.494	33.397	5.96	0.28	26.224	0.310	1477.	0.2
171	172.0	6.494	33.397	5.95	0.29	26.223	0.312	1477.	0.3
172	173.1	6.495	33.397	5.95	0.28	26.224	0.314	1478.	0.2
172	173.9	6.494	33.397	5.96	0.28	26.224	0.316	1478.	0.2
174	175.0	6.495	33.397	5.96	0.28	26.223	0.318	1478.	0.2
175	176.0	6.495	33.397	5.96	0.28	26.223	0.320	1478.	0.2
175	176.6	6.495	33.397	5.98	0.28	26.224	0.321	1478.	0.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	15	06 FEB 1987	0823	42°20.4'N	68°34.6'W	170

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	1.9	6.149	33.245	6.73	0.12	26.148	0.000	1473.	0.3
4	3.8	6.151	33.245	6.73	0.12	26.148	0.004	1473.	0.3
6	5.9	6.151	33.245	6.75	0.13	26.147	0.008	1473.	0.3
8	7.9	6.146	33.245	6.75	0.13	26.148	0.011	1473.	0.3
10	10.1	6.146	33.245	6.75	0.12	26.148	0.015	1473.	0.3
12	12.2	6.149	33.245	6.75	0.12	26.148	0.019	1473.	0.1
14	13.9	6.151	33.245	6.75	0.12	26.147	0.022	1473.	-0.3
16	16.0	6.152	33.246	6.75	0.13	26.148	0.026	1473.	-0.5
18	18.2	6.151	33.246	6.75	0.12	26.148	0.030	1473.	-0.4
20	20.0	6.154	33.246	6.74	0.12	26.147	0.034	1473.	-0.4
22	21.9	6.155	33.245	6.74	0.12	26.147	0.037	1473.	-0.4
24	24.0	6.156	33.245	6.73	0.12	26.147	0.041	1474.	-0.4
26	26.1	6.155	33.245	6.74	0.12	26.147	0.045	1474.	-0.1
28	28.0	6.156	33.245	6.73	0.12	26.147	0.049	1474.	0.4
30	30.0	6.156	33.245	6.73	0.12	26.147	0.052	1474.	0.5
32	32.0	6.153	33.245	6.73	0.12	26.147	0.056	1474.	0.6
34	34.0	6.149	33.245	6.73	0.12	26.148	0.060	1474.	0.6
36	36.0	6.150	33.245	6.73	0.12	26.148	0.063	1474.	0.6
38	38.0	6.147	33.245	6.73	0.12	26.148	0.067	1474.	0.6
40	40.0	6.145	33.246	6.74	0.12	26.148	0.071	1474.	0.5
42	41.9	6.145	33.246	6.74	0.12	26.149	0.074	1474.	0.4
44	44.0	6.145	33.245	6.73	0.12	26.148	0.078	1474.	0.4
46	46.0	6.145	33.245	6.73	0.12	26.148	0.082	1474.	0.3
48	48.1	6.143	33.245	6.72	0.12	26.149	0.086	1474.	0.4
50	50.4	6.144	33.245	6.71	0.12	26.149	0.090	1474.	0.4
52	52.0	6.145	33.245	6.72	0.12	26.148	0.093	1474.	0.4
54	54.0	6.142	33.245	6.73	0.12	26.149	0.097	1474.	0.4
56	56.0	6.139	33.245	6.74	0.12	26.149	0.101	1474.	0.5
57	57.9	6.140	33.245	6.74	0.12	26.149	0.104	1474.	0.6
59	60.0	6.140	33.245	6.74	0.12	26.149	0.108	1474.	0.6
62	62.0	6.139	33.246	6.75	0.12	26.149	0.112	1474.	0.7
63	63.9	6.135	33.245	6.75	0.12	26.150	0.115	1474.	0.7
65	65.9	6.135	33.246	6.75	0.12	26.150	0.119	1474.	0.8
68	68.2	6.132	33.246	6.74	0.12	26.150	0.123	1474.	0.8
69	69.8	6.128	33.246	6.73	0.12	26.151	0.126	1474.	0.8
71	72.0	6.130	33.245	6.72	0.12	26.150	0.130	1474.	0.8
73	74.0	6.118	33.246	6.73	0.12	26.152	0.134	1474.	0.7
75	76.0	6.115	33.246	6.75	0.12	26.152	0.138	1474.	0.6
77	78.0	6.116	33.246	6.76	0.12	26.152	0.142	1474.	0.5
79	80.0	6.118	33.246	6.76	0.12	26.152	0.145	1474.	0.6
81	81.9	6.118	33.246	6.76	0.12	26.152	0.149	1474.	0.5
83	83.9	6.117	33.246	6.75	0.12	26.152	0.153	1474.	0.5
85	86.1	6.112	33.245	6.74	0.11	26.152	0.157	1474.	0.5
87	87.9	6.105	33.245	6.74	0.11	26.153	0.160	1474.	0.5
89	90.0	6.106	33.245	6.75	0.11	26.153	0.164	1474.	0.4
91	92.0	6.108	33.245	6.75	0.11	26.153	0.168	1474.	0.4
93	94.0	6.110	33.246	6.75	0.11	26.153	0.171	1474.	0.4
95	96.0	6.110	33.245	6.75	0.11	26.153	0.175	1475.	0.3
97	98.1	6.110	33.245	6.75	0.11	26.153	0.179	1475.	0.4
99	100.2	6.110	33.246	6.75	0.11	26.153	0.183	1475.	0.5

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	15	06 FEB 1987	0823	42°20.4'N	68°34.6'W	170

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	101.9	6.101	33.245	6.84	0.11	26.154	0.186	1475.	0.5
103	103.8	6.099	33.245	6.88	0.11	26.154	0.190	1475.	0.6
105	106.0	6.098	33.245	6.89	0.11	26.154	0.194	1475.	0.7
107	107.9	6.097	33.245	6.89	0.11	26.154	0.197	1475.	0.7
109	110.0	6.097	33.244	6.89	0.11	26.154	0.201	1475.	0.6
111	112.0	6.097	33.246	6.90	0.11	26.155	0.205	1475.	0.4
113	113.9	6.097	33.246	6.90	0.11	26.155	0.208	1475.	-1.2
115	116.1	6.096	33.246	6.90	0.11	26.155	0.213	1475.	-1.1
117	118.1	6.099	33.247	6.90	0.11	26.155	0.216	1475.	-0.8
119	119.9	6.097	33.244	6.90	0.11	26.153	0.220	1475.	-0.5
121	122.0	6.099	33.227	6.76	0.11	26.140	0.224	1475.	0.6
123	124.0	6.104	33.246	6.51	0.11	26.154	0.227	1475.	0.9
125	126.0	6.106	33.248	6.49	0.11	26.155	0.231	1475.	1.2
127	128.0	6.108	33.249	6.48	0.11	26.156	0.235	1475.	1.5
129	130.0	6.124	33.253	6.46	0.11	26.157	0.239	1475.	1.8
131	131.9	6.130	33.252	6.44	0.12	26.155	0.242	1475.	1.5
133	134.0	6.120	33.252	6.43	0.12	26.157	0.246	1475.	1.8
135	136.1	6.162	33.265	6.40	0.12	26.161	0.250	1475.	2.3
137	138.0	6.215	33.275	6.37	0.12	26.163	0.253	1476.	2.5
139	140.1	6.245	33.285	6.34	0.13	26.167	0.257	1476.	2.9
141	141.9	6.275	33.298	6.22	0.14	26.174	0.261	1476.	3.4
143	144.0	6.376	33.332	6.14	0.16	26.187	0.265	1476.	3.7
145	146.0	6.373	33.329	6.12	0.19	26.185	0.268	1476.	3.9
147	148.1	6.466	33.362	6.09	0.21	26.199	0.272	1477.	3.9
149	150.0	6.543	33.403	6.06	0.23	26.222	0.276	1477.	4.0
151	151.9	6.557	33.418	6.06	0.23	26.232	0.279	1477.	3.9
153	154.0	6.557	33.420	6.06	0.24	26.234	0.283	1477.	3.8
154	155.3	6.557	33.424	6.06	0.24	26.236	0.285	1477.	3.3
155	156.1	6.553	33.430	6.06	0.24	26.241	0.286	1477.	2.5
156	157.0	6.554	33.431	6.05	0.24	26.242	0.288	1478.	2.1
157	157.9	6.554	33.430	6.05	0.24	26.242	0.290	1478.	2.0
158	159.0	6.554	33.431	6.05	0.25	26.242	0.292	1478.	1.9
159	160.1	6.554	33.431	6.04	0.25	26.242	0.294	1478.	1.7
160	161.0	6.555	33.433	5.92	0.24	26.244	0.295	1478.	1.7
161	162.1	6.555	33.436	5.67	0.24	26.246	0.297	1478.	1.8
162	163.0	6.555	33.438	5.65	0.25	26.248	0.299	1478.	1.8
163	164.0	6.554	33.438	5.65	0.25	26.248	0.301	1478.	1.8
164	165.1	6.555	33.438	5.63	0.25	26.248	0.303	1478.	1.8
164	165.5	6.555	33.438	5.49	0.24	26.248	0.303	1478.	1.8

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	16	06 FEB 1987	0923	42°25.0'N	68°37.7'W	200

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.6	6.080	33.233		0.11	26.146	0.000	1473.	-0.2
4	3.9	6.083	33.233		0.11	26.146	0.002	1473.	-0.2
6	6.1	6.088	33.233		0.11	26.146	0.007	1473.	-0.2
8	8.0	6.090	33.233		0.11	26.146	0.010	1473.	-0.2
10	10.0	6.090	33.233		0.11	26.146	0.014	1473.	-0.2
12	12.1	6.089	33.233		0.11	26.145	0.018	1473.	0.2
14	14.0	6.090	33.233		0.11	26.146	0.021	1473.	0.4
16	16.1	6.090	33.233		0.11	26.146	0.025	1473.	0.4
18	17.9	6.090	33.234		0.11	26.146	0.028	1473.	0.3
20	20.1	6.089	33.234		0.11	26.146	0.033	1473.	0.3
22	22.0	6.089	33.234		0.11	26.146	0.036	1473.	-0.3
24	24.1	6.090	33.234		0.11	26.146	0.040	1473.	-0.3
26	26.0	6.092	33.233		0.11	26.146	0.044	1473.	-0.4
28	28.0	6.092	33.234		0.11	26.146	0.047	1473.	-0.3
30	30.0	6.093	33.233		0.11	26.145	0.051	1473.	-0.3
32	32.0	6.092	33.233		0.11	26.145	0.055	1473.	-0.2
34	34.0	6.093	33.233		0.11	26.145	0.058	1473.	0.2
36	36.1	6.093	33.234		0.11	26.146	0.062	1473.	0.2
38	37.9	6.092	33.233		0.11	26.145	0.066	1473.	0.3
40	40.0	6.093	33.233		0.11	26.145	0.070	1474.	0.3
42	42.1	6.093	33.233		0.11	26.145	0.074	1474.	0.2
44	44.1	6.092	33.233		0.11	26.146	0.077	1474.	-0.1
46	45.9	6.091	33.233		0.11	26.146	0.081	1474.	0.2
48	48.0	6.091	33.234		0.11	26.146	0.085	1474.	0.2
50	50.1	6.092	33.233		0.11	26.145	0.088	1474.	0.1
52	51.9	6.093	33.233		0.11	26.145	0.092	1474.	-0.1
54	54.0	6.093	33.234		0.11	26.146	0.096	1474.	-0.2
56	56.1	6.096	33.234		0.11	26.146	0.100	1474.	-0.2
58	58.0	6.096	33.234		0.11	26.145	0.103	1474.	0.1
59	60.0	6.095	33.234		0.11	26.145	0.107	1474.	0.2
61	62.0	6.095	33.233		0.11	26.145	0.111	1474.	0.1
63	64.0	6.096	33.234		0.11	26.145	0.114	1474.	0.1
66	66.1	6.096	33.234		0.11	26.146	0.118	1474.	0.3
67	68.0	6.096	33.234		0.11	26.146	0.122	1474.	0.3
69	70.0	6.096	33.234		0.11	26.145	0.126	1474.	0.3
71	72.0	6.097	33.234		0.11	26.145	0.129	1474.	0.2
73	74.0	6.097	33.234		0.11	26.145	0.133	1474.	0.3
76	76.2	6.099	33.235		0.11	26.146	0.137	1474.	0.4
77	77.9	6.099	33.235		0.11	26.146	0.140	1474.	0.5
79	80.1	6.100	33.235		0.11	26.145	0.144	1474.	0.4
81	81.8	6.094	33.234		0.11	26.146	0.148	1474.	0.3
83	84.2	6.090	33.234		0.11	26.146	0.152	1474.	0.3
85	86.0	6.091	33.234		0.11	26.146	0.155	1474.	0.2
87	88.0	6.092	33.234		0.11	26.146	0.159	1474.	-0.1
89	90.0	6.092	33.234		0.11	26.146	0.163	1474.	-0.3
91	92.0	6.092	33.234		0.11	26.146	0.167	1474.	-0.3
93	93.9	6.092	33.233		0.11	26.145	0.170	1474.	-0.3
95	95.9	6.092	33.234		0.11	26.146	0.174	1474.	-0.3
97	98.2	6.093	33.234		0.11	26.146	0.178	1474.	-0.3
99	99.9	6.094	33.233		0.11	26.145	0.181	1475.	-0.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	16	06 FEB 1987	0923	42°25.0'N	68°37.7'W	200

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	6.094	33.233		0.11	26.145	0.185	1475.	-0.1
103	104.2	6.095	33.234		0.11	26.145	0.189	1475.	-0.2
105	106.0	6.095	33.234		0.11	26.145	0.193	1475.	-0.1
107	108.1	6.095	33.234		0.11	26.145	0.197	1475.	0.2
109	109.9	6.095	33.234		0.11	26.145	0.200	1475.	0.1
111	112.2	6.095	33.233		0.11	26.145	0.204	1475.	-0.1
113	114.0	6.095	33.234		0.11	26.145	0.208	1475.	0.1
115	116.0	6.095	33.234		0.11	26.146	0.212	1475.	0.1
117	118.0	6.096	33.233		0.11	26.145	0.215	1475.	0.2
119	120.0	6.096	33.234		0.11	26.145	0.219	1475.	0.3
121	122.0	6.096	33.234		0.11	26.145	0.223	1475.	0.3
123	124.0	6.096	33.234		0.11	26.145	0.227	1475.	0.4
125	126.0	6.095	33.234		0.11	26.146	0.230	1475.	0.4
127	127.9	6.095	33.234		0.11	26.146	0.234	1475.	0.8
129	130.1	6.095	33.234		0.11	26.146	0.238	1475.	0.9
131	132.0	6.095	33.234		0.11	26.146	0.242	1475.	0.9
133	133.9	6.097	33.234		0.11	26.146	0.245	1475.	1.2
135	136.0	6.120	33.243		0.11	26.150	0.249	1475.	1.2
137	137.9	6.124	33.243		0.11	26.149	0.253	1475.	2.1
139	140.1	6.125	33.243		0.11	26.149	0.257	1475.	2.7
141	142.0	6.146	33.252		0.11	26.153	0.260	1475.	3.1
143	144.1	6.161	33.252		0.11	26.151	0.264	1476.	3.6
145	145.9	6.274	33.305		0.12	26.179	0.268	1476.	4.5
147	148.1	6.325	33.326		0.13	26.189	0.272	1476.	4.9
149	150.0	6.348	33.338		0.14	26.196	0.275	1476.	5.2
151	151.9	6.401	33.373		0.16	26.216	0.279	1477.	5.4
153	154.2	6.466	33.437		0.19	26.258	0.283	1477.	5.4
155	155.8	6.477	33.448		0.20	26.266	0.286	1477.	5.3
157	158.1	6.491	33.469		0.23	26.281	0.290	1477.	5.0
159	159.9	6.508	33.501		0.28	26.304	0.293	1477.	4.4
161	162.0	6.519	33.521		0.31	26.318	0.296	1478.	3.7
163	164.0	6.522	33.522		0.32	26.318	0.300	1478.	3.3
165	166.1	6.522	33.524		0.33	26.320	0.303	1478.	2.8
167	167.9	6.524	33.526		0.34	26.322	0.306	1478.	2.3
169	170.0	6.525	33.528		0.38	26.323	0.310	1478.	2.2
171	172.0	6.528	33.534		0.39	26.327	0.313	1478.	2.5
173	174.0	6.532	33.543		0.39	26.334	0.317	1478.	2.6
175	176.0	6.535	33.548		0.38	26.337	0.320	1478.	2.5
176	177.8	6.538	33.554		0.37	26.341	0.323	1478.	2.4
179	180.2	6.544	33.565		0.35	26.349	0.327	1478.	2.3
180	181.9	6.544	33.564		0.36	26.349	0.330	1478.	2.1
183	184.1	6.545	33.565		0.36	26.349	0.334	1478.	1.9
184	185.3	6.545	33.566		0.37	26.350	0.336	1478.	1.5
184	186.0	6.546	33.567		0.37	26.351	0.337	1478.	1.0
185	187.0	6.546	33.568		0.38	26.351	0.339	1478.	1.0
186	188.1	6.546	33.568		0.39	26.352	0.341	1478.	0.7
187	189.0	6.546	33.568		0.38	26.351	0.342	1478.	0.6
188	190.0	6.546	33.568		0.39	26.351	0.344	1478.	0.5
189	191.0	6.546	33.568		0.39	26.351	0.346	1478.	0.5
190	192.0	6.547	33.567		0.39	26.351	0.347	1478.	0.5

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	16	06 FEB 1987	0923	42°25.0'N	68°37.7'W	200

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
191	193.0	6.547	33.568		0.38	26.352	0.349	1478.	0.5
192	193.9	6.547	33.569		0.39	26.352	0.351	1478.	0.5

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	17	06 FEB 1987	1014	42°29.7'N	68°41.3'W	173

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.0	5.427	33.049	6.56	0.10	26.080	0.000	1470.	2.2
4	4.1	5.426	33.050	6.56	0.10	26.081	0.004	1470.	2.2
6	6.0	5.424	33.050	6.76	0.10	26.081	0.008	1470.	2.2
8	8.1	5.424	33.049	6.85	0.10	26.081	0.012	1470.	2.2
10	10.0	5.427	33.049	6.96	0.10	26.080	0.015	1470.	2.2
12	12.2	5.428	33.050	6.99	0.10	26.081	0.020	1470.	2.5
14	13.8	5.445	33.062	7.07	0.10	26.088	0.023	1470.	2.8
16	16.1	5.493	33.087	7.05	0.10	26.102	0.027	1471.	2.9
18	17.8	5.521	33.095	7.03	0.10	26.106	0.030	1471.	3.0
20	20.1	5.552	33.106	7.01	0.10	26.111	0.035	1471.	2.8
22	21.8	5.553	33.108	7.00	0.10	26.112	0.038	1471.	2.5
24	24.1	5.582	33.120	6.98	0.10	26.118	0.042	1471.	2.0
26	25.9	5.624	33.129	6.95	0.10	26.120	0.046	1471.	1.9
28	28.1	5.641	33.134	6.93	0.11	26.122	0.050	1471.	1.7
30	29.9	5.642	33.135	6.92	0.10	26.123	0.053	1471.	1.5
32	32.0	5.638	33.132	6.92	0.10	26.121	0.057	1471.	1.4
34	34.1	5.673	33.142	6.90	0.10	26.125	0.061	1472.	1.2
36	36.0	5.683	33.145	6.89	0.10	26.126	0.065	1472.	1.3
38	38.1	5.706	33.148	6.88	0.10	26.125	0.069	1472.	1.3
40	40.0	5.742	33.160	6.85	0.11	26.130	0.072	1472.	1.3
42	42.1	5.780	33.160	6.82	0.11	26.126	0.076	1472.	1.2
44	43.9	5.843	33.176	6.78	0.11	26.131	0.080	1473.	1.0
46	46.2	5.916	33.187	6.73	0.11	26.130	0.084	1473.	0.8
48	47.9	5.943	33.192	6.70	0.11	26.131	0.087	1473.	0.6
50	50.1	5.955	33.194	6.68	0.11	26.131	0.091	1473.	1.0
52	52.0	5.953	33.191	6.67	0.11	26.130	0.095	1473.	0.9
54	54.0	5.970	33.193	6.65	0.11	26.129	0.099	1473.	1.1
56	56.0	6.042	33.210	6.62	0.11	26.133	0.102	1474.	1.6
58	58.0	6.072	33.217	6.60	0.11	26.135	0.106	1474.	1.8
60	60.1	6.097	33.221	6.33	0.11	26.135	0.110	1474.	2.1
61	62.0	6.116	33.225	6.19	0.11	26.136	0.113	1474.	2.3
64	64.1	6.209	33.254	6.16	0.11	26.147	0.117	1474.	2.4
65	65.9	6.328	33.273	6.12	0.12	26.147	0.121	1475.	2.6
68	68.1	6.417	33.295	6.09	0.12	26.153	0.125	1475.	2.6
69	69.7	6.479	33.309	6.06	0.12	26.156	0.128	1476.	2.5
72	72.3	6.528	33.326	6.04	0.13	26.163	0.133	1476.	2.4
73	73.9	6.573	33.338	6.02	0.13	26.167	0.136	1476.	2.4
75	76.1	6.597	33.344	6.02	0.13	26.169	0.140	1476.	2.4
77	77.9	6.626	33.351	6.02	0.13	26.170	0.143	1476.	2.4
79	80.0	6.659	33.366	6.02	0.13	26.177	0.147	1477.	2.3
81	81.9	6.673	33.369	6.02	0.13	26.178	0.150	1477.	2.4
84	84.3	6.697	33.380	6.00	0.13	26.184	0.155	1477.	2.4
85	86.0	6.734	33.390	5.99	0.13	26.186	0.158	1477.	2.4
87	88.0	6.775	33.401	5.97	0.14	26.190	0.162	1477.	2.3
89	90.0	6.781	33.409	5.96	0.14	26.195	0.165	1477.	2.5
91	92.1	6.778	33.411	5.96	0.14	26.197	0.169	1477.	2.5
93	94.0	6.778	33.414	5.95	0.14	26.199	0.172	1477.	2.8
95	96.1	6.791	33.422	5.95	0.14	26.204	0.176	1477.	2.9
97	97.9	6.854	33.442	5.92	0.14	26.211	0.180	1478.	3.0
99	100.2	6.828	33.443	5.92	0.14	26.216	0.184	1478.	3.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	17	06 FEB 1987	1014	42°29.7'N	68°41.3'W	173

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	6.909	33.480	5.88	0.15	26.234	0.187	1478.	3.5
103	103.8	6.682	33.435	5.94	0.14	26.229	0.190	1477.	3.6
105	106.1	6.482	33.410	5.99	0.14	26.235	0.194	1476.	3.6
107	107.8	6.466	33.424	6.00	0.14	26.249	0.197	1476.	3.5
109	110.3	6.494	33.448	5.98	0.15	26.264	0.202	1477.	3.3
111	111.9	6.507	33.455	5.97	0.15	26.268	0.205	1477.	3.2
113	114.2	6.520	33.463	5.95	0.16	26.272	0.209	1477.	2.9
115	116.0	6.525	33.466	5.94	0.15	26.274	0.212	1477.	2.5
117	118.0	6.543	33.474	5.92	0.16	26.277	0.215	1477.	2.0
119	119.9	6.559	33.482	5.90	0.16	26.282	0.219	1477.	1.8
121	122.0	6.563	33.484	5.87	0.16	26.283	0.222	1477.	1.6
123	124.0	6.565	33.484	5.85	0.16	26.283	0.226	1477.	1.4
125	126.0	6.566	33.484	5.83	0.16	26.283	0.229	1477.	1.7
127	127.9	6.568	33.485	5.81	0.16	26.283	0.233	1477.	2.0
129	130.1	6.577	33.489	5.80	0.16	26.285	0.236	1477.	2.4
131	131.9	6.587	33.493	5.78	0.17	26.287	0.240	1477.	2.8
133	134.0	6.620	33.514	5.76	0.17	26.299	0.243	1478.	3.0
135	136.0	6.645	33.527	5.73	0.18	26.306	0.247	1478.	3.1
137	138.0	6.650	33.537	5.71	0.19	26.313	0.250	1478.	3.1
139	140.0	6.651	33.544	5.66	0.19	26.319	0.253	1478.	3.0
141	142.0	6.651	33.550	5.31	0.19	26.324	0.257	1478.	2.9
143	144.0	6.648	33.555	5.31	0.20	26.328	0.260	1478.	2.8
145	146.0	6.647	33.559	5.30	0.20	26.331	0.264	1478.	2.6
147	148.1	6.643	33.565	5.30	0.20	26.336	0.267	1478.	2.6
149	150.0	6.641	33.573	5.31	0.21	26.343	0.271	1478.	2.6
151	151.9	6.646	33.578	5.31	0.21	26.346	0.274	1478.	2.6
153	154.1	6.654	33.581	5.32	0.21	26.347	0.277	1478.	2.6
155	155.9	6.657	33.590	5.33	0.22	26.354	0.281	1478.	2.7
157	158.1	6.655	33.592	5.35	0.23	26.356	0.284	1478.	2.8
158	159.2	6.645	33.596	5.36	0.24	26.360	0.286	1478.	3.0
159	160.0	6.642	33.603	5.37	0.28	26.367	0.287	1478.	3.1
160	161.1	6.643	33.607	5.37	0.30	26.369	0.289	1478.	3.1
161	162.0	6.645	33.613	5.37	0.30	26.374	0.291	1478.	3.2
162	163.0	6.646	33.615	5.36	0.31	26.375	0.292	1478.	3.2
163	164.1	6.646	33.616	5.36	0.34	26.376	0.294	1478.	3.1
164	164.9	6.645	33.620	5.36	0.32	26.380	0.296	1478.	3.1
165	166.0	6.642	33.625	5.36	0.32	26.384	0.297	1478.	3.1
165	166.9	6.636	33.629	5.35	0.30	26.388	0.299	1478.	3.1
167	168.1	6.632	33.634	5.35	0.27	26.392	0.301	1478.	3.1

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	18	06 FEB 1987	1053	42°32.5'N	68°43.2'W	198

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.3	5.097	32.857	7.34	0.10	25.966	0.000	1468.	1.2
4	4.2	5.091	32.857	7.36	0.10	25.966	0.004	1468.	1.2
6	6.0	5.087	32.854	7.38	0.10	25.965	0.007	1468.	1.2
8	7.9	5.083	32.854	7.38	0.10	25.965	0.011	1468.	1.2
10	10.1	5.086	32.854	7.37	0.10	25.965	0.016	1469.	1.2
12	11.9	5.084	32.854	7.38	0.10	25.965	0.019	1469.	1.7
14	13.9	5.099	32.861	7.38	0.10	25.968	0.023	1469.	2.1
16	16.1	5.120	32.867	7.39	0.10	25.971	0.028	1469.	2.4
18	17.9	5.129	32.871	7.39	0.10	25.974	0.032	1469.	2.9
20	20.0	5.160	32.888	7.38	0.09	25.983	0.036	1469.	3.3
22	22.1	5.185	32.896	7.36	0.09	25.987	0.040	1469.	3.6
24	23.8	5.206	32.908	7.35	0.09	25.994	0.043	1469.	3.7
26	26.1	5.254	32.935	7.33	0.09	26.010	0.048	1470.	3.6
28	27.9	5.297	32.956	7.32	0.09	26.021	0.052	1470.	3.4
30	30.0	5.330	32.973	7.30	0.09	26.031	0.056	1470.	3.1
32	32.0	5.338	32.976	7.30	0.09	26.033	0.060	1470.	2.7
34	33.9	5.340	32.977	7.31	0.09	26.034	0.063	1470.	2.1
36	36.0	5.340	32.979	7.31	0.09	26.034	0.068	1470.	1.7
38	38.0	5.340	32.979	7.31	0.09	26.035	0.071	1470.	1.5
40	40.1	5.340	32.981	7.32	0.09	26.037	0.076	1470.	1.6
42	42.0	5.340	32.984	7.32	0.09	26.038	0.079	1470.	1.8
44	44.2	5.345	32.988	7.32	0.09	26.041	0.084	1470.	1.8
46	45.9	5.352	32.992	7.32	0.09	26.044	0.087	1470.	1.8
48	48.2	5.356	32.996	7.33	0.09	26.046	0.092	1470.	1.8
50	50.0	5.362	32.999	7.33	0.09	26.048	0.095	1470.	1.8
52	52.0	5.366	33.001	7.33	0.09	26.049	0.099	1471.	1.6
54	54.1	5.380	33.006	7.33	0.09	26.051	0.103	1471.	1.7
56	56.1	5.406	33.013	7.32	0.09	26.054	0.107	1471.	1.9
58	58.1	5.423	33.015	7.31	0.09	26.054	0.111	1471.	2.4
60	60.0	5.439	33.019	7.30	0.09	26.055	0.115	1471.	3.0
61	62.0	5.471	33.031	7.29	0.09	26.060	0.118	1471.	3.4
64	64.1	5.536	33.048	7.26	0.09	26.067	0.122	1471.	3.5
65	65.9	5.653	33.090	7.21	0.09	26.086	0.126	1472.	3.5
68	68.2	5.874	33.147	7.13	0.09	26.105	0.130	1473.	3.3
69	69.9	5.904	33.152	7.11	0.09	26.104	0.134	1473.	2.8
71	72.0	5.908	33.149	7.10	0.09	26.102	0.138	1473.	2.2
73	74.0	5.914	33.151	7.09	0.09	26.103	0.142	1473.	1.2
75	76.0	5.918	33.152	7.09	0.09	26.103	0.145	1473.	-0.6
77	78.0	5.919	33.151	7.09	0.09	26.102	0.149	1473.	-0.1
79	80.1	5.922	33.151	7.09	0.09	26.102	0.153	1473.	1.0
81	81.8	5.923	33.151	7.09	0.09	26.102	0.156	1473.	1.6
83	84.1	5.927	33.153	7.09	0.09	26.103	0.161	1473.	2.1
85	86.0	5.936	33.157	7.08	0.09	26.104	0.164	1474.	2.5
87	87.9	5.998	33.175	7.06	0.09	26.111	0.168	1474.	2.9
89	90.1	6.083	33.200	7.02	0.09	26.120	0.172	1474.	3.1
91	91.9	6.159	33.220	6.97	0.10	26.127	0.176	1475.	3.3
93	94.0	6.257	33.244	6.92	0.10	26.133	0.180	1475.	3.3
95	96.0	6.348	33.270	6.85	0.10	26.142	0.183	1476.	3.3
97	98.1	6.455	33.295	6.79	0.12	26.148	0.187	1476.	3.4
99	100.0	6.615	33.335	6.71	0.13	26.159	0.191	1477.	3.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	18	06 FEB 1987	1053	42°32.5'N	68°43.2'W	198

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	101.9	6.666	33.341	6.67	0.13	26.157	0.194	1477.	3.4
103	104.0	6.792	33.381	6.59	0.14	26.171	0.198	1478.	3.4
105	105.9	6.959	33.423	6.51	0.16	26.182	0.202	1478.	3.3
107	108.1	7.035	33.440	6.45	0.16	26.186	0.206	1479.	3.0
109	110.0	7.087	33.462	6.40	0.17	26.196	0.209	1479.	3.1
111	111.8	7.150	33.478	6.36	0.18	26.200	0.213	1479.	3.2
113	114.2	7.186	33.483	6.34	0.18	26.198	0.217	1479.	3.4
115	116.0	7.163	33.481	6.34	0.17	26.200	0.220	1479.	3.8
117	118.1	7.150	33.504	6.34	0.16	26.220	0.224	1479.	4.1
119	120.0	7.131	33.518	6.35	0.15	26.234	0.227	1479.	4.3
121	121.9	7.177	33.540	6.31	0.16	26.245	0.231	1480.	4.5
123	124.1	7.230	33.571	6.27	0.16	26.262	0.235	1480.	4.4
125	125.9	7.259	33.593	6.23	0.15	26.275	0.238	1480.	4.2
127	128.1	7.272	33.607	6.18	0.15	26.284	0.242	1480.	4.0
129	129.7	7.297	33.621	6.14	0.15	26.292	0.244	1480.	3.8
131	132.2	7.370	33.647	6.08	0.16	26.302	0.249	1481.	3.7
133	134.0	7.428	33.666	6.03	0.16	26.309	0.252	1481.	3.8
135	135.8	7.466	33.679	6.00	0.16	26.314	0.255	1481.	4.2
137	138.3	7.503	33.698	5.96	0.17	26.323	0.259	1481.	4.5
139	139.8	7.517	33.718	5.72	0.19	26.337	0.262	1481.	4.6
141	142.1	7.541	33.748	5.51	0.22	26.357	0.266	1482.	4.4
143	144.0	7.606	33.799	5.46	0.24	26.388	0.269	1482.	4.1
145	145.9	7.676	33.816	5.41	0.24	26.392	0.272	1482.	3.8
147	147.9	7.657	33.812	5.39	0.25	26.391	0.275	1482.	3.4
149	150.0	7.612	33.804	5.40	0.26	26.392	0.279	1482.	3.0
151	151.9	7.405	33.761	5.47	0.27	26.387	0.282	1481.	2.5
153	153.9	7.244	33.750	5.54	0.30	26.401	0.285	1481.	2.6
155	156.1	7.296	33.775	5.54	0.33	26.413	0.289	1481.	2.4
157	158.1	7.299	33.778	5.56	0.33	26.415	0.292	1481.	2.3
159	160.0	7.297	33.777	5.57	0.33	26.415	0.295	1481.	2.0
161	161.9	7.289	33.776	5.58	0.33	26.415	0.298	1481.	1.4
163	164.2	7.188	33.751	5.62	0.33	26.409	0.302	1481.	1.2
164	165.9	7.158	33.753	5.64	0.33	26.415	0.305	1480.	1.4
167	168.0	7.138	33.750	5.64	0.34	26.415	0.308	1480.	1.7
169	170.0	7.167	33.760	5.63	0.34	26.419	0.312	1481.	1.9
170	171.9	7.249	33.777	5.61	0.36	26.421	0.315	1481.	2.1
173	174.0	7.324	33.794	5.59	0.42	26.425	0.318	1481.	1.8
174	175.7	7.353	33.805	5.58	0.50	26.429	0.321	1481.	1.7
177	178.3	7.397	33.814	5.57	0.57	26.430	0.325	1482.	1.5
178	180.0	7.401	33.818	5.57	0.59	26.432	0.328	1482.	1.3
180	181.9	7.402	33.814	5.57	0.61	26.429	0.331	1482.	1.0
182	184.0	7.400	33.816	5.56	0.61	26.431	0.334	1482.	0.6
184	185.3	7.399	33.816	5.55	0.62	26.431	0.336	1482.	0.5
185	186.1	7.399	33.816	5.55	0.62	26.431	0.337	1482.	0.2
185	186.9	7.399	33.816	5.56	0.61	26.431	0.339	1482.	0.7
186	188.0	7.399	33.816	5.56	0.62	26.431	0.341	1482.	-0.3
187	189.1	7.400	33.816	5.55	0.62	26.431	0.342	1482.	-0.4
188	189.9	7.401	33.816	5.56	0.62	26.431	0.344	1482.	-0.4
189	191.0	7.397	33.815	5.56	0.63	26.430	0.345	1482.	-0.4
191	192.1	7.397	33.815	5.55	0.62	26.430	0.347	1482.	-0.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	18	06 FEB 1987	1053	42°32.5'N	68°43.2'W	198

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
191	192.7	7.393	33.814	5.55	0.63	26.430	0.348	1482.	-0.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	19	06 FEB 1987	1303	42°34.9'N	68°44.5'W	198

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.9	4.601	32.623	6.83	0.12	25.835	0.000	1466.	1.0
4	4.0	4.609	32.627	6.89	0.11	25.836	0.002	1466.	1.0
6	6.2	4.619	32.629	6.88	0.11	25.837	0.007	1466.	1.0
8	8.0	4.618	32.629	6.87	0.11	25.837	0.011	1466.	1.0
10	9.8	4.620	32.630	6.86	0.11	25.838	0.015	1466.	1.0
12	12.0	4.627	32.632	6.85	0.11	25.839	0.020	1466.	0.9
14	13.7	4.636	32.635	6.85	0.11	25.840	0.023	1466.	0.8
16	16.0	4.635	32.634	6.85	0.11	25.839	0.028	1466.	1.3
18	18.2	4.635	32.634	6.86	0.11	25.839	0.033	1467.	1.9
20	19.9	4.639	32.635	6.87	0.11	25.840	0.037	1467.	3.0
22	22.1	4.643	32.637	6.88	0.11	25.841	0.041	1467.	3.7
24	24.1	4.678	32.654	6.87	0.11	25.851	0.046	1467.	4.1
26	25.8	4.739	32.679	6.85	0.11	25.864	0.049	1467.	4.3
28	28.0	4.931	32.751	6.77	0.10	25.901	0.054	1468.	4.5
30	30.1	5.078	32.784	6.71	0.09	25.910	0.058	1469.	4.7
32	31.8	5.088	32.783	6.70	0.09	25.909	0.062	1469.	4.8
34	33.8	5.105	32.793	6.70	0.09	25.914	0.066	1469.	4.7
36	36.0	5.182	32.832	6.67	0.09	25.936	0.071	1469.	4.8
38	38.2	5.275	32.875	6.63	0.09	25.960	0.075	1470.	5.3
39	39.7	5.347	32.903	6.60	0.09	25.974	0.078	1470.	6.0
42	41.9	5.400	32.928	6.59	0.08	25.988	0.083	1470.	6.2
44	44.0	5.483	32.976	6.57	0.08	26.016	0.087	1471.	6.1
46	46.2	5.662	33.051	6.50	0.08	26.054	0.091	1472.	5.8
48	48.1	5.907	33.149	6.41	0.07	26.102	0.095	1473.	5.4
49	49.8	5.943	33.156	6.38	0.07	26.103	0.098	1473.	4.8
52	51.9	5.967	33.164	6.36	0.07	26.106	0.102	1473.	3.8
54	54.1	5.969	33.165	6.35	0.07	26.107	0.106	1473.	2.6
56	56.0	5.968	33.165	6.36	0.07	26.107	0.110	1473.	1.3
57	57.8	5.967	33.165	6.37	0.07	26.107	0.113	1473.	1.2
60	60.0	5.964	33.167	6.38	0.07	26.109	0.118	1473.	1.1
61	62.0	5.965	33.169	6.38	0.07	26.110	0.121	1473.	1.0
63	63.8	5.964	33.169	6.38	0.07	26.111	0.125	1473.	1.1
66	66.1	5.964	33.170	6.38	0.07	26.111	0.129	1473.	1.2
67	67.9	5.964	33.170	6.37	0.06	26.111	0.132	1473.	1.4
69	70.0	5.965	33.170	6.38	0.06	26.111	0.136	1473.	1.7
72	72.1	5.974	33.175	6.37	0.06	26.114	0.141	1474.	1.9
73	73.9	5.985	33.180	6.37	0.06	26.117	0.144	1474.	2.1
75	76.0	6.018	33.192	6.36	0.06	26.122	0.148	1474.	2.2
78	78.3	6.061	33.205	6.34	0.07	26.127	0.152	1474.	2.2
79	79.9	6.089	33.211	6.33	0.07	26.129	0.155	1474.	2.1
81	82.1	6.113	33.216	6.32	0.07	26.129	0.159	1474.	2.0
83	84.0	6.144	33.225	6.30	0.07	26.133	0.163	1474.	2.0
85	85.8	6.173	33.234	6.29	0.07	26.135	0.166	1475.	2.1
87	88.0	6.202	33.238	6.26	0.07	26.136	0.170	1475.	2.1
89	90.1	6.225	33.245	6.25	0.07	26.138	0.174	1475.	2.1
91	92.2	6.273	33.263	6.24	0.07	26.146	0.178	1475.	2.0
93	94.1	6.288	33.270	6.23	0.07	26.150	0.182	1475.	1.9
95	95.9	6.298	33.272	6.22	0.07	26.150	0.185	1475.	1.7
97	98.1	6.305	33.274	6.21	0.07	26.150	0.189	1475.	1.5
99	100.3	6.309	33.275	6.21	0.07	26.151	0.193	1475.	1.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	19	06 FEB 1987	1303	42°34.9'N	68°44.5'W	198

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	6.313	33.276	6.21	0.07	26.151	0.197	1475.	1.6
103	103.8	6.321	33.278	6.20	0.07	26.152	0.200	1476.	1.9
105	106.0	6.344	33.286	6.19	0.08	26.155	0.204	1476.	2.3
107	108.1	6.379	33.297	6.18	0.08	26.159	0.208	1476.	2.4
109	109.9	6.422	33.311	6.17	0.08	26.165	0.211	1476.	2.5
111	112.1	6.471	33.325	6.15	0.08	26.170	0.215	1476.	2.5
113	114.2	6.520	33.343	6.11	0.08	26.177	0.219	1477.	2.7
115	116.0	6.543	33.347	6.10	0.08	26.177	0.223	1477.	3.0
117	118.0	6.563	33.351	6.08	0.08	26.178	0.226	1477.	3.2
119	120.1	6.610	33.367	6.06	0.07	26.185	0.230	1477.	3.4
121	122.1	6.729	33.403	6.01	0.07	26.198	0.234	1478.	3.6
123	123.9	6.872	33.451	5.95	0.08	26.217	0.237	1478.	3.8
125	125.9	6.934	33.462	5.91	0.08	26.216	0.241	1479.	3.9
127	128.0	6.983	33.482	5.87	0.08	26.225	0.244	1479.	4.0
129	130.0	7.090	33.518	5.82	0.08	26.239	0.248	1479.	4.0
131	132.1	7.135	33.534	5.78	0.09	26.246	0.252	1480.	4.1
133	134.3	7.187	33.561	5.75	0.10	26.260	0.256	1480.	4.3
135	135.9	7.272	33.596	5.71	0.10	26.276	0.259	1480.	4.3
137	137.9	7.300	33.611	5.68	0.10	26.283	0.262	1480.	4.4
139	140.1	7.342	33.638	5.62	0.10	26.299	0.266	1481.	4.5
141	142.1	7.407	33.661	5.58	0.10	26.308	0.269	1481.	4.5
143	143.9	7.460	33.686	5.53	0.11	26.320	0.272	1481.	4.6
145	146.0	7.511	33.716	5.49	0.11	26.337	0.276	1481.	4.7
147	148.1	7.545	33.745	5.45	0.12	26.355	0.280	1482.	4.6
148	149.7	7.560	33.761	5.42	0.12	26.365	0.282	1482.	4.5
151	152.1	7.591	33.790	5.29	0.13	26.384	0.286	1482.	4.3
153	154.2	7.587	33.802	5.02	0.15	26.393	0.290	1482.	4.0
155	155.8	7.576	33.806	5.02	0.16	26.398	0.292	1482.	3.7
157	157.9	7.566	33.810	5.02	0.26	26.402	0.296	1482.	3.3
158	159.8	7.541	33.825	5.03	0.46	26.418	0.299	1482.	2.8
161	162.1	7.547	33.827	5.01	0.51	26.419	0.303	1482.	2.5
163	164.1	7.557	33.832	5.01	0.57	26.421	0.306	1482.	2.1
165	165.9	7.569	33.834	5.02	0.60	26.421	0.309	1482.	1.7
167	168.3	7.587	33.840	5.03	0.57	26.423	0.313	1482.	1.1
169	170.0	7.593	33.841	5.03	0.55	26.423	0.316	1482.	1.3
171	171.9	7.595	33.841	5.03	0.55	26.423	0.319	1482.	1.5
173	174.1	7.600	33.843	5.03	0.46	26.423	0.322	1482.	2.0
174	175.8	7.607	33.847	5.03	0.46	26.426	0.325	1482.	2.5
176	177.9	7.613	33.855	5.03	0.50	26.431	0.328	1482.	3.0
179	180.2	7.502	33.836	5.06	0.42	26.432	0.332	1482.	3.6
180	181.3	7.417	33.837	5.08	0.33	26.445	0.334	1482.	4.0
181	182.1	7.406	33.848	5.09	0.33	26.455	0.335	1482.	4.4
181	183.0	7.391	33.857	5.09	0.41	26.464	0.336	1482.	4.7
183	184.1	7.382	33.863	5.09	0.45	26.470	0.338	1482.	4.8
183	185.0	7.377	33.867	5.09	0.55	26.474	0.340	1482.	4.3
184	186.0	7.370	33.873	5.09	0.64	26.480	0.341	1482.	3.9
186	187.1	7.361	33.879	5.09	0.76	26.486	0.343	1482.	3.4
186	187.9	7.350	33.883	5.08	0.78	26.490	0.344	1482.	3.4
187	189.0	7.351	33.883	5.07	0.79	26.491	0.346	1482.	3.4
188	190.0	7.347	33.884	5.07	0.78	26.492	0.347	1482.	3.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	19	06 FEB 1987	1303	42°34.9'N	68°44.5'W	198

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
189	191.0	7.346	33.884	5.08	0.79	26.492	0.349	1482.	3.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	20	06 FEB 1987	1357	42°38.1'N	68°46.1'W	181

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.8	4.401	32.524	6.89	0.12	25.776	0.000	1465.	-0.5
4	4.0	4.405	32.520	6.95	0.12	25.773	0.003	1465.	-0.5
6	5.8	4.405	32.520	6.95	0.12	25.773	0.007	1465.	-0.5
8	8.1	4.402	32.519	6.95	0.12	25.773	0.012	1465.	-0.5
10	10.1	4.403	32.520	6.95	0.12	25.773	0.016	1465.	-0.5
12	11.9	4.402	32.520	6.96	0.12	25.773	0.020	1465.	0.3
14	13.9	4.405	32.520	6.98	0.12	25.773	0.025	1465.	0.5
16	16.0	4.405	32.519	6.98	0.12	25.773	0.029	1465.	0.6
18	18.1	4.416	32.522	6.98	0.12	25.774	0.034	1465.	0.9
20	20.1	4.413	32.521	6.99	0.12	25.773	0.038	1465.	1.1
22	22.0	4.420	32.524	6.98	0.12	25.774	0.043	1466.	1.4
24	23.8	4.431	32.526	6.98	0.12	25.775	0.047	1466.	1.5
26	25.8	4.448	32.533	6.98	0.11	25.779	0.051	1466.	2.0
28	27.8	4.463	32.535	6.98	0.11	25.779	0.055	1466.	2.8
30	30.1	4.485	32.544	6.97	0.11	25.784	0.060	1466.	3.9
32	32.2	4.490	32.543	6.97	0.11	25.782	0.065	1466.	5.1
34	34.1	4.578	32.577	6.93	0.11	25.801	0.069	1466.	6.0
36	36.0	4.746	32.626	6.86	0.10	25.822	0.073	1467.	6.8
38	38.0	4.971	32.722	6.78	0.10	25.873	0.078	1468.	7.5
40	39.9	5.219	32.826	6.69	0.09	25.928	0.082	1470.	7.8
42	42.0	5.393	32.895	6.61	0.09	25.962	0.086	1470.	7.7
44	44.0	5.534	32.958	6.54	0.08	25.996	0.090	1471.	7.3
46	46.0	5.724	33.054	6.46	0.08	26.049	0.094	1472.	6.7
48	48.1	5.820	33.096	6.43	0.08	26.070	0.098	1472.	5.9
49	49.9	5.828	33.100	6.44	0.08	26.073	0.101	1472.	5.2
51	51.8	5.841	33.117	6.44	0.07	26.085	0.105	1473.	4.3
53	53.9	5.883	33.145	6.41	0.07	26.102	0.109	1473.	3.5
56	56.0	5.909	33.153	6.40	0.07	26.104	0.113	1473.	3.1
58	58.1	5.926	33.155	6.40	0.07	26.104	0.117	1473.	2.8
60	60.0	5.901	33.155	6.43	0.07	26.107	0.121	1473.	2.3
61	61.8	5.887	33.160	6.44	0.07	26.113	0.124	1473.	1.8
63	63.8	5.903	33.166	6.42	0.07	26.116	0.128	1473.	1.6
65	66.0	5.910	33.167	6.42	0.07	26.116	0.132	1473.	1.6
68	68.2	5.917	33.168	6.43	0.07	26.116	0.136	1473.	1.3
70	70.1	5.917	33.168	6.43	0.07	26.115	0.140	1473.	1.2
71	72.0	5.912	33.168	6.43	0.07	26.116	0.144	1473.	1.2
73	74.1	5.912	33.172	6.44	0.07	26.119	0.147	1473.	1.4
75	75.9	5.920	33.174	6.43	0.07	26.120	0.151	1473.	1.4
77	77.9	5.936	33.179	6.41	0.06	26.122	0.155	1473.	1.3
79	80.1	5.958	33.184	6.40	0.06	26.123	0.159	1474.	1.2
81	82.1	5.968	33.186	6.39	0.06	26.124	0.163	1474.	1.0
83	84.0	5.975	33.187	6.40	0.06	26.123	0.166	1474.	1.0
85	85.8	5.980	33.188	6.39	0.06	26.124	0.170	1474.	0.9
87	87.9	5.999	33.193	6.38	0.06	26.125	0.174	1474.	1.1
89	90.0	6.014	33.195	6.39	0.06	26.125	0.178	1474.	1.6
91	92.2	6.031	33.198	6.39	0.06	26.126	0.182	1474.	2.0
93	93.9	6.040	33.201	6.37	0.06	26.127	0.185	1474.	2.3
95	96.0	6.071	33.210	6.35	0.06	26.130	0.189	1474.	2.6
97	98.1	6.172	33.242	6.32	0.07	26.142	0.193	1475.	2.9
99	100.1	6.240	33.258	6.28	0.07	26.146	0.197	1475.	3.0

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	20	06 FEB 1987	1357	42°38.1'N	68°46.1'W	181

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.1	6.277	33.270	6.25	0.07	26.151	0.200	1475.	3.1
103	104.0	6.339	33.290	6.22	0.07	26.159	0.204	1476.	3.0
105	105.9	6.391	33.308	6.19	0.07	26.166	0.207	1476.	2.8
107	108.0	6.437	33.318	6.16	0.08	26.169	0.211	1476.	2.9
109	109.9	6.468	33.330	6.13	0.08	26.174	0.215	1476.	3.0
111	112.0	6.513	33.341	6.10	0.08	26.177	0.219	1477.	3.3
113	114.1	6.563	33.358	6.06	0.08	26.184	0.223	1477.	3.6
115	116.1	6.616	33.375	6.04	0.09	26.190	0.226	1477.	3.7
117	118.2	6.690	33.406	6.01	0.09	26.205	0.230	1477.	3.7
119	120.1	6.857	33.461	5.94	0.10	26.226	0.234	1478.	3.5
121	122.0	6.900	33.471	5.91	0.10	26.228	0.237	1478.	3.2
123	123.9	6.931	33.481	5.89	0.10	26.232	0.240	1479.	3.0
125	126.1	6.949	33.486	5.87	0.10	26.233	0.244	1479.	3.0
127	128.1	6.959	33.489	5.86	0.10	26.235	0.248	1479.	3.1
129	130.2	6.973	33.494	5.86	0.11	26.237	0.252	1479.	3.7
131	132.3	7.027	33.518	5.84	0.11	26.248	0.255	1479.	4.2
133	134.0	7.139	33.566	5.80	0.11	26.271	0.258	1480.	4.5
135	136.0	7.210	33.593	5.75	0.12	26.282	0.262	1480.	4.7
137	138.0	7.247	33.621	5.71	0.14	26.298	0.265	1480.	4.5
139	140.0	7.274	33.649	5.68	0.15	26.317	0.269	1480.	4.2
141	141.9	7.311	33.669	5.65	0.16	26.327	0.272	1481.	3.6
143	143.8	7.322	33.674	5.64	0.16	26.330	0.275	1481.	3.1
145	145.9	7.330	33.678	5.63	0.16	26.332	0.279	1481.	2.6
147	148.0	7.341	33.682	5.61	0.16	26.334	0.282	1481.	2.3
149	150.0	7.352	33.686	5.58	0.16	26.336	0.286	1481.	2.4
151	151.9	7.364	33.692	5.56	0.16	26.338	0.289	1481.	2.7
153	154.0	7.379	33.700	5.53	0.17	26.342	0.293	1481.	3.1
155	156.0	7.405	33.716	5.50	0.18	26.351	0.296	1481.	3.4
157	158.0	7.444	33.738	5.47	0.20	26.363	0.299	1481.	3.6
159	160.1	7.461	33.748	5.28	0.22	26.368	0.303	1481.	3.8
161	162.2	7.496	33.772	5.06	0.26	26.383	0.306	1482.	3.9
163	164.0	7.535	33.790	5.03	0.29	26.391	0.309	1482.	3.9
164	165.3	7.555	33.801	5.01	0.32	26.397	0.311	1482.	3.8
165	166.0	7.562	33.804	5.00	0.33	26.398	0.313	1482.	3.6
166	166.9	7.593	33.818	4.99	0.34	26.405	0.314	1482.	3.2
167	168.0	7.612	33.826	4.99	0.35	26.409	0.316	1482.	2.7
168	168.9	7.629	33.829	4.99	0.36	26.409	0.317	1482.	2.3
169	170.0	7.648	33.835	4.99	0.39	26.411	0.319	1482.	1.9
170	171.0	7.648	33.835	4.99	0.39	26.410	0.321	1482.	1.2
170	171.9	7.651	33.835	5.01	0.40	26.410	0.322	1483.	1.2
172	173.0	7.652	33.835	5.02	0.40	26.410	0.324	1483.	1.2
173	174.1	7.652	33.835	5.04	0.40	26.410	0.326	1483.	1.2
173	174.5	7.652	33.834	5.07	0.39	26.409	0.327	1483.	1.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	21	06 FEB 1987	1435	42°40.2'N	68°48.1'W	167

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.7	4.756	32.685	6.82	0.11	25.867	0.000	1467.	-0.1
4	3.8	4.753	32.685	6.84	0.11	25.867	0.002	1467.	-0.1
6	6.0	4.753	32.685	6.85	0.11	25.868	0.007	1467.	-0.1
8	8.1	4.758	32.686	6.90	0.11	25.867	0.012	1467.	-0.1
10	10.0	4.761	32.685	6.91	0.11	25.867	0.015	1467.	-0.1
12	12.0	4.761	32.686	7.02	0.11	25.867	0.020	1467.	-0.3
14	13.9	4.759	32.686	7.02	0.11	25.867	0.024	1467.	-0.3
16	16.1	4.758	32.685	6.93	0.11	25.867	0.028	1467.	-0.2
18	18.0	4.758	32.686	6.94	0.11	25.867	0.032	1467.	0.2
20	19.8	4.758	32.685	7.26	0.11	25.867	0.036	1467.	0.1
22	21.9	4.759	32.685	7.16	0.11	25.867	0.041	1467.	0.3
24	23.9	4.761	32.685	7.14	0.11	25.867	0.045	1467.	0.5
26	26.1	4.762	32.686	6.97	0.11	25.867	0.050	1467.	0.9
28	28.2	4.762	32.686	6.97	0.11	25.867	0.054	1467.	2.5
30	29.9	4.771	32.688	7.26	0.11	25.868	0.058	1467.	4.5
32	32.0	4.779	32.689	7.38	0.11	25.868	0.062	1467.	6.1
34	34.0	4.812	32.700	7.36	0.11	25.873	0.067	1468.	7.1
36	36.1	5.040	32.791	7.24	0.11	25.920	0.071	1469.	7.5
38	38.0	5.422	32.974	7.06	0.10	26.021	0.075	1470.	7.6
40	40.1	5.582	33.073	6.95	0.10	26.081	0.079	1471.	7.3
42	42.0	5.650	33.099	6.88	0.09	26.094	0.082	1472.	6.6
44	44.0	5.670	33.104	6.82	0.09	26.095	0.086	1472.	5.3
46	46.0	5.726	33.119	6.77	0.09	26.100	0.090	1472.	3.4
47	47.9	5.800	33.133	6.74	0.10	26.102	0.094	1472.	2.0
50	50.0	5.881	33.149	6.38	0.10	26.105	0.098	1473.	1.6
52	51.9	5.908	33.155	6.31	0.10	26.106	0.101	1473.	1.5
54	54.0	5.906	33.153	6.31	0.10	26.105	0.105	1473.	1.4
56	56.1	5.894	33.151	6.32	0.10	26.105	0.109	1473.	1.4
58	58.0	5.882	33.152	6.34	0.10	26.107	0.113	1473.	1.4
60	60.1	5.905	33.160	6.36	0.10	26.111	0.117	1473.	1.4
61	61.9	5.933	33.167	6.37	0.10	26.112	0.120	1473.	1.5
63	63.9	5.942	33.167	6.40	0.10	26.112	0.124	1473.	1.5
66	66.0	5.952	33.171	6.41	0.10	26.114	0.128	1473.	1.4
67	67.9	5.979	33.175	6.40	0.10	26.114	0.132	1473.	1.3
69	70.0	6.002	33.181	6.39	0.10	26.115	0.136	1474.	1.3
71	72.1	6.024	33.187	6.38	0.10	26.117	0.140	1474.	1.5
73	74.0	6.032	33.189	6.38	0.10	26.118	0.143	1474.	1.5
75	76.0	6.045	33.193	6.38	0.10	26.120	0.147	1474.	1.5
77	78.0	6.053	33.196	6.37	0.10	26.121	0.151	1474.	1.5
80	80.2	6.076	33.204	6.36	0.10	26.124	0.155	1474.	1.5
81	82.0	6.087	33.206	6.38	0.10	26.125	0.159	1474.	1.5
83	83.9	6.087	33.207	6.40	0.10	26.125	0.162	1474.	1.5
85	86.0	6.091	33.209	6.43	0.10	26.127	0.166	1474.	1.5
87	88.0	6.081	33.209	6.45	0.10	26.128	0.170	1474.	1.6
89	90.1	6.070	33.209	6.45	0.10	26.129	0.174	1474.	1.7
91	91.9	6.035	33.206	6.45	0.09	26.131	0.177	1474.	1.8
93	94.0	5.984	33.202	6.46	0.08	26.134	0.181	1474.	2.1
95	96.1	5.969	33.202	6.61	0.08	26.136	0.185	1474.	2.3
97	97.9	5.970	33.204	6.83	0.08	26.137	0.188	1474.	2.4
99	100.0	6.031	33.219	6.78	0.08	26.142	0.192	1474.	2.5

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	21	06 FEB 1987	1435	42°40.2'N	68°48.1'W	167

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	6.245	33.266	6.67	0.09	26.152	0.196	1475.	2.8
103	104.0	6.319	33.284	6.23	0.09	26.157	0.200	1476.	3.0
105	106.0	6.300	33.281	6.18	0.09	26.157	0.204	1475.	3.4
107	108.1	6.320	33.292	6.13	0.09	26.163	0.208	1476.	4.1
109	110.1	6.426	33.324	6.07	0.10	26.174	0.211	1476.	4.7
111	111.8	6.530	33.351	6.01	0.11	26.182	0.214	1477.	5.0
113	113.9	6.870	33.438	5.89	0.16	26.206	0.218	1478.	5.1
115	116.2	7.304	33.570	5.72	0.20	26.251	0.222	1480.	4.9
117	118.0	7.319	33.589	5.66	0.19	26.264	0.225	1480.	4.6
119	119.9	7.300	33.589	5.63	0.19	26.267	0.229	1480.	4.1
121	122.1	7.276	33.588	5.62	0.18	26.269	0.233	1480.	3.5
123	123.8	7.260	33.589	5.62	0.18	26.272	0.236	1480.	3.0
125	126.1	7.252	33.590	5.62	0.18	26.274	0.240	1480.	3.1
127	128.1	7.211	33.590	5.64	0.16	26.280	0.243	1480.	3.3
129	129.9	7.195	33.607	5.63	0.17	26.295	0.246	1480.	3.3
131	131.9	7.231	33.624	5.61	0.23	26.304	0.250	1480.	3.3
133	134.0	7.270	33.642	5.58	0.26	26.312	0.253	1480.	3.1
135	136.0	7.278	33.645	5.55	0.27	26.313	0.257	1480.	2.8
137	138.0	7.300	33.652	5.53	0.23	26.316	0.260	1480.	2.5
139	140.2	7.331	33.665	5.51	0.23	26.322	0.264	1481.	2.5
141	141.9	7.347	33.669	5.49	0.23	26.323	0.267	1481.	3.0
143	144.0	7.361	33.675	5.38	0.24	26.325	0.271	1481.	3.4
145	145.9	7.380	33.685	5.22	0.26	26.331	0.274	1481.	3.7
147	148.1	7.437	33.712	5.08	0.29	26.344	0.278	1481.	3.9
149	150.1	7.486	33.752	5.07	0.35	26.368	0.281	1481.	4.0
150	151.3	7.503	33.761	5.05	0.35	26.373	0.283	1482.	4.1
151	152.0	7.505	33.762	5.05	0.34	26.373	0.284	1482.	3.7
152	153.1	7.506	33.763	5.05	0.33	26.374	0.286	1482.	2.9
153	154.0	7.506	33.762	5.04	0.34	26.374	0.287	1482.	1.7
154	155.0	7.505	33.765	5.05	0.32	26.376	0.289	1482.	1.5
155	155.9	7.506	33.765	5.06	0.31	26.376	0.291	1482.	1.5
156	157.0	7.505	33.766	5.08	0.31	26.376	0.292	1482.	1.4
157	158.0	7.503	33.767	5.10	0.31	26.378	0.294	1482.	1.4
158	159.1	7.504	33.768	5.11	0.30	26.378	0.296	1482.	1.4
159	160.0	7.504	33.767	5.12	0.30	26.378	0.297	1482.	1.4
160	160.8	7.504	33.768	5.13	0.30	26.378	0.299	1482.	1.4
161	162.0	7.505	33.769	5.15	0.30	26.379	0.301	1482.	1.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	22	06 FEB 1987	1543	42°45.7'N	68°51.9'W	156

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.8	4.777	32.725	7.35	0.12	25.897	0.000	1467.	5.0
4	4.0	4.781	32.724	7.36	0.12	25.895	0.003	1467.	5.0
6	6.1	4.783	32.724	7.38	0.12	25.895	0.007	1467.	5.0
8	8.1	4.789	32.725	7.38	0.11	25.896	0.011	1467.	5.0
10	10.0	4.789	32.724	7.38	0.11	25.894	0.015	1467.	5.0
12	12.0	4.796	32.723	7.35	0.12	25.893	0.019	1467.	5.7
14	14.0	4.911	32.755	7.30	0.11	25.906	0.023	1468.	6.1
16	16.1	5.310	32.936	7.14	0.11	26.004	0.028	1470.	6.3
18	17.9	5.429	32.993	7.08	0.11	26.036	0.031	1470.	6.2
20	20.1	5.431	32.995	7.08	0.11	26.037	0.036	1470.	5.9
22	21.8	5.448	33.005	7.08	0.11	26.043	0.039	1470.	5.2
24	24.0	5.521	33.035	7.04	0.11	26.058	0.043	1471.	4.1
26	26.0	5.544	33.046	7.02	0.10	26.064	0.047	1471.	3.8
28	27.9	5.595	33.068	7.00	0.10	26.075	0.051	1471.	3.7
30	30.2	5.669	33.101	6.97	0.10	26.092	0.055	1472.	3.4
32	31.8	5.693	33.109	6.95	0.10	26.096	0.058	1472.	3.0
34	34.1	5.712	33.115	6.94	0.10	26.099	0.063	1472.	2.6
36	35.8	5.725	33.120	6.94	0.10	26.101	0.066	1472.	2.1
38	38.2	5.737	33.123	6.92	0.10	26.102	0.070	1472.	1.7
39	39.8	5.744	33.124	6.91	0.10	26.102	0.074	1472.	1.6
42	42.1	5.758	33.128	6.89	0.09	26.103	0.078	1472.	1.6
44	44.0	5.790	33.135	6.88	0.09	26.105	0.082	1472.	1.6
46	46.0	5.829	33.147	6.85	0.09	26.110	0.085	1472.	1.6
48	48.1	5.835	33.149	6.87	0.09	26.111	0.089	1473.	1.6
50	50.0	5.837	33.150	6.86	0.09	26.111	0.093	1473.	1.5
51	51.9	5.859	33.156	6.93	0.09	26.113	0.096	1473.	1.4
54	54.0	5.876	33.158	6.96	0.09	26.113	0.100	1473.	1.6
56	56.0	5.897	33.164	6.93	0.09	26.115	0.104	1473.	2.0
57	58.0	5.930	33.170	6.55	0.09	26.116	0.108	1473.	2.3
60	60.0	5.999	33.184	6.46	0.10	26.118	0.112	1473.	2.7
62	62.1	6.140	33.218	6.39	0.10	26.128	0.116	1474.	3.0
63	64.0	6.322	33.253	6.33	0.10	26.132	0.119	1475.	3.1
65	66.0	6.498	33.292	6.26	0.10	26.140	0.123	1476.	3.2
68	68.2	6.547	33.316	6.22	0.10	26.153	0.127	1476.	3.1
69	70.0	6.548	33.318	6.21	0.10	26.154	0.131	1476.	2.8
71	72.0	6.556	33.326	6.20	0.11	26.159	0.134	1476.	2.5
74	74.1	6.543	33.329	6.20	0.11	26.164	0.138	1476.	2.1
75	76.0	6.505	33.323	6.20	0.12	26.163	0.142	1476.	1.6
77	77.9	6.546	33.331	6.14	0.12	26.164	0.145	1476.	1.5
79	79.9	6.581	33.338	6.12	0.12	26.166	0.149	1476.	1.2
82	82.2	6.565	33.334	6.13	0.12	26.164	0.153	1476.	1.1
83	83.8	6.569	33.337	6.12	0.12	26.166	0.156	1476.	1.3
85	86.1	6.548	33.337	6.12	0.12	26.169	0.160	1476.	1.5
87	88.0	6.547	33.336	6.11	0.13	26.168	0.164	1476.	1.6
89	90.1	6.586	33.343	6.10	0.13	26.169	0.168	1476.	1.8
91	92.0	6.648	33.359	6.08	0.12	26.173	0.171	1477.	1.7
93	94.0	6.712	33.375	6.06	0.12	26.178	0.175	1477.	1.8
95	96.0	6.712	33.375	6.06	0.12	26.178	0.179	1477.	1.9
97	98.1	6.717	33.378	6.05	0.13	26.180	0.183	1477.	1.8
99	99.9	6.720	33.380	6.04	0.13	26.181	0.186	1477.	2.0

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	22	06 FEB 1987	1543	42°45.7'N	68°51.9'W	156

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.1	6.716	33.386	6.03	0.14	26.185	0.190	1477.	2.3
103	104.0	6.710	33.383	6.02	0.15	26.184	0.193	1477.	2.6
105	106.1	6.731	33.388	6.01	0.15	26.185	0.197	1477.	2.9
107	107.9	6.838	33.428	5.97	0.16	26.202	0.201	1478.	3.0
109	110.0	6.869	33.439	5.95	0.17	26.207	0.204	1478.	3.0
111	111.9	6.902	33.452	5.93	0.18	26.213	0.208	1478.	2.9
113	114.0	6.924	33.464	5.92	0.18	26.219	0.212	1478.	2.8
115	116.1	6.930	33.466	5.93	0.18	26.220	0.215	1478.	2.5
117	117.9	6.952	33.473	5.93	0.19	26.222	0.219	1478.	2.6
119	120.0	6.992	33.484	5.92	0.20	26.226	0.222	1479.	2.8
121	122.0	7.028	33.500	5.91	0.20	26.233	0.226	1479.	3.0
123	124.1	7.065	33.510	5.90	0.22	26.237	0.230	1479.	3.0
125	125.9	7.133	33.534	5.88	0.23	26.246	0.233	1479.	3.1
127	128.2	7.193	33.560	5.86	0.24	26.258	0.237	1480.	3.0
129	129.9	7.215	33.569	5.84	0.24	26.263	0.240	1480.	2.8
131	132.1	7.219	33.566	5.83	0.24	26.260	0.244	1480.	2.7
133	133.8	7.276	33.587	5.80	0.26	26.268	0.247	1480.	2.4
135	136.0	7.301	33.595	5.77	0.27	26.271	0.251	1480.	2.3
137	138.0	7.321	33.603	5.76	0.27	26.274	0.254	1480.	2.6
139	139.9	7.336	33.609	5.54	0.28	26.277	0.258	1481.	2.9
140	141.2	7.335	33.610	5.36	0.29	26.278	0.260	1481.	3.1
141	142.0	7.371	33.627	5.34	0.29	26.286	0.261	1481.	3.6
142	143.0	7.419	33.646	5.32	0.32	26.295	0.263	1481.	4.2
143	144.0	7.431	33.651	5.31	0.34	26.297	0.265	1481.	4.6
144	145.0	7.455	33.667	5.31	0.35	26.306	0.267	1481.	4.6
145	146.0	7.493	33.679	5.30	0.37	26.310	0.268	1481.	4.3
146	147.0	7.541	33.706	5.28	0.37	26.325	0.270	1482.	3.8
147	148.0	7.546	33.711	5.28	0.40	26.328	0.272	1482.	3.4
148	149.0	7.547	33.711	5.27	0.41	26.328	0.273	1482.	3.4
149	150.0	7.548	33.712	5.26	0.42	26.328	0.275	1482.	3.4
150	151.2	7.548	33.711	5.24	0.42	26.328	0.277	1482.	3.4
150	151.7	7.543	33.709	5.18	0.41	26.326	0.278	1482.	3.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	23	06 FEB 1987	1710	42°50.7'N	68°56.3'W	91

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.2	5.096	32.800	6.61	0.12	25.921	0.000	1468.	-0.6
4	4.0	5.099	32.800	6.62	0.12	25.921	0.004	1468.	-0.6
6	5.9	5.109	32.801	6.63	0.12	25.920	0.008	1468.	-0.6
8	7.9	5.119	32.801	6.63	0.12	25.919	0.012	1469.	-0.6
10	9.9	5.123	32.802	6.63	0.12	25.919	0.016	1469.	-0.6
12	11.9	5.126	32.802	6.65	0.12	25.919	0.020	1469.	-0.6
14	13.9	5.132	32.804	6.65	0.12	25.920	0.024	1469.	-0.4
16	15.9	5.133	32.803	6.64	0.12	25.919	0.028	1469.	0.1
18	18.0	5.125	32.802	6.64	0.12	25.919	0.033	1469.	0.5
20	20.3	5.121	32.801	6.65	0.12	25.919	0.037	1469.	0.4
22	22.0	5.127	32.802	6.66	0.12	25.919	0.041	1469.	0.5
24	23.8	5.161	32.808	6.65	0.12	25.920	0.045	1469.	0.4
26	25.8	5.172	32.812	6.64	0.12	25.922	0.049	1469.	0.3
28	28.1	5.193	32.811	6.64	0.12	25.919	0.054	1469.	-0.4
30	30.0	5.224	32.818	6.64	0.12	25.921	0.058	1469.	-0.6
32	31.9	5.238	32.818	6.63	0.12	25.919	0.062	1469.	-0.6
34	34.0	5.251	32.820	6.62	0.12	25.919	0.066	1470.	-0.7
36	35.8	5.250	32.819	6.63	0.13	25.918	0.070	1470.	0.1
38	38.0	5.259	32.820	6.63	0.13	25.918	0.074	1470.	0.3
40	40.0	5.289	32.825	6.62	0.13	25.918	0.078	1470.	0.9
42	42.0	5.286	32.824	6.62	0.13	25.919	0.082	1470.	1.5
44	43.9	5.307	32.830	6.62	0.13	25.920	0.086	1470.	2.1
45	45.8	5.328	32.833	6.61	0.13	25.920	0.090	1470.	2.6
48	47.9	5.362	32.844	6.58	0.13	25.925	0.095	1470.	3.0
50	50.1	5.476	32.870	6.54	0.14	25.933	0.099	1471.	3.1
52	52.2	5.600	32.904	6.50	0.14	25.945	0.104	1471.	3.1
54	54.0	5.684	32.930	6.46	0.13	25.956	0.107	1472.	3.0
55	55.8	5.697	32.937	6.45	0.13	25.959	0.111	1472.	2.6
57	57.8	5.699	32.939	6.44	0.13	25.961	0.115	1472.	2.0
60	60.1	5.702	32.941	6.45	0.13	25.962	0.120	1472.	1.4
62	62.1	5.699	32.938	6.45	0.13	25.960	0.124	1472.	0.8
63	64.0	5.693	32.934	6.45	0.13	25.958	0.128	1472.	0.6
66	66.1	5.703	32.939	6.46	0.13	25.960	0.132	1472.	0.9
68	68.2	5.703	32.940	6.46	0.13	25.961	0.136	1472.	1.4
69	69.8	5.704	32.940	6.46	0.13	25.961	0.140	1472.	1.9
71	71.8	5.709	32.943	6.46	0.13	25.963	0.144	1472.	2.4
73	74.0	5.729	32.949	6.45	0.13	25.966	0.148	1472.	2.7
75	75.3	5.753	32.965	6.45	0.13	25.975	0.151	1472.	2.9
75	76.1	5.769	32.972	6.45	0.13	25.979	0.152	1472.	3.2
76	76.9	5.793	32.984	6.44	0.13	25.985	0.154	1473.	3.2
77	78.0	5.802	32.984	6.43	0.13	25.984	0.156	1473.	3.0
78	79.0	5.813	32.985	6.43	0.13	25.984	0.158	1473.	2.8
79	80.0	5.831	32.997	6.43	0.13	25.991	0.160	1473.	3.1
80	81.0	5.820	32.992	6.43	0.13	25.988	0.162	1473.	3.5
81	82.0	5.822	32.995	6.42	0.13	25.991	0.164	1473.	3.9
82	82.9	5.846	33.011	6.41	0.14	26.000	0.166	1473.	3.9
83	84.1	5.891	33.031	6.40	0.14	26.011	0.169	1473.	3.9
84	84.8	5.918	33.041	6.39	0.15	26.015	0.170	1473.	3.9
85	86.1	5.951	33.055	6.39	0.15	26.022	0.173	1473.	3.9

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	24	06 FEB 1987	1827	42°47.0'N	69°05.2'W	178

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.1	5.090	32.894	6.60	0.13	25.996	0.000	1468.	1.6
4	4.0	5.097	32.894	6.61	0.13	25.995	0.004	1469.	1.6
6	5.9	5.093	32.894	6.63	0.13	25.996	0.008	1469.	1.6
8	8.0	5.108	32.900	6.63	0.13	25.999	0.012	1469.	1.6
10	10.0	5.122	32.903	6.63	0.13	25.999	0.016	1469.	1.6
12	12.0	5.127	32.903	6.65	0.13	25.999	0.020	1469.	2.1
14	14.0	5.129	32.905	6.62	0.13	26.000	0.024	1469.	2.5
16	16.0	5.161	32.913	6.61	0.13	26.003	0.028	1469.	2.8
18	18.0	5.214	32.931	6.59	0.13	26.011	0.032	1469.	2.9
20	19.9	5.338	32.966	6.56	0.13	26.025	0.035	1470.	3.0
22	21.7	5.459	32.992	6.51	0.13	26.031	0.039	1470.	2.9
24	24.0	5.478	32.995	6.51	0.13	26.032	0.043	1471.	2.7
26	26.3	5.502	33.002	6.52	0.12	26.034	0.048	1471.	2.5
28	28.1	5.538	33.014	6.51	0.12	26.040	0.052	1471.	2.2
30	29.8	5.565	33.022	6.49	0.12	26.042	0.055	1471.	2.0
32	32.1	5.583	33.028	6.48	0.12	26.045	0.060	1471.	1.9
34	34.0	5.643	33.042	6.46	0.11	26.049	0.063	1471.	1.6
36	35.8	5.679	33.045	6.45	0.11	26.047	0.067	1472.	1.3
38	38.0	5.684	33.046	6.45	0.11	26.048	0.071	1472.	1.0
40	40.2	5.713	33.053	6.44	0.11	26.049	0.075	1472.	0.7
42	41.9	5.718	33.052	6.43	0.11	26.048	0.079	1472.	0.6
44	44.0	5.712	33.052	6.43	0.11	26.048	0.083	1472.	1.0
46	46.1	5.733	33.055	6.43	0.11	26.049	0.087	1472.	1.1
47	47.9	5.732	33.056	6.43	0.11	26.049	0.090	1472.	1.2
50	50.0	5.741	33.060	6.44	0.11	26.051	0.094	1472.	1.3
52	51.9	5.772	33.069	6.43	0.11	26.055	0.098	1472.	1.3
54	54.0	5.739	33.062	6.44	0.11	26.053	0.102	1472.	1.3
56	56.0	5.718	33.061	6.45	0.11	26.055	0.106	1472.	1.2
57	57.8	5.705	33.060	6.46	0.11	26.056	0.110	1472.	1.0
59	60.0	5.703	33.060	6.46	0.11	26.057	0.114	1472.	0.9
62	62.1	5.704	33.061	6.46	0.11	26.057	0.118	1472.	1.0
63	63.8	5.695	33.058	6.47	0.11	26.056	0.121	1472.	0.9
66	66.1	5.693	33.060	6.47	0.11	26.058	0.126	1472.	1.0
68	68.1	5.698	33.061	6.47	0.11	26.058	0.130	1472.	1.0
69	69.9	5.704	33.063	6.47	0.11	26.059	0.133	1472.	1.2
72	72.1	5.706	33.064	6.46	0.11	26.059	0.138	1472.	1.5
73	74.1	5.721	33.070	6.46	0.11	26.062	0.141	1472.	1.8
75	75.7	5.739	33.072	6.46	0.11	26.061	0.145	1472.	2.0
77	78.0	5.767	33.080	6.45	0.11	26.064	0.149	1473.	2.1
80	80.2	5.822	33.096	6.44	0.11	26.071	0.153	1473.	2.1
81	81.9	5.864	33.109	6.42	0.11	26.076	0.157	1473.	2.0
83	83.7	5.882	33.114	6.41	0.11	26.077	0.160	1473.	1.9
85	86.0	5.901	33.117	6.41	0.11	26.078	0.165	1473.	1.6
88	88.3	5.916	33.122	6.42	0.11	26.079	0.169	1473.	1.2
89	90.0	5.920	33.123	6.42	0.11	26.079	0.172	1474.	1.0
91	91.9	5.923	33.123	6.41	0.11	26.079	0.176	1474.	1.1
93	94.1	5.923	33.123	6.41	0.11	26.079	0.180	1474.	1.2
95	96.2	5.924	33.126	6.41	0.11	26.081	0.184	1474.	1.3
97	97.9	5.925	33.127	6.40	0.11	26.082	0.188	1474.	1.6
99	99.9	5.927	33.129	6.39	0.11	26.084	0.191	1474.	1.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	24	06 FEB 1987	1827	42°47.0'N	69°05.2'W	178

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.2	5.931	33.132	6.40	0.11	26.085	0.196	1474.	1.9
103	104.1	5.941	33.138	6.40	0.11	26.089	0.200	1474.	1.9
105	106.0	5.960	33.144	6.40	0.11	26.091	0.203	1474.	1.9
107	107.9	5.976	33.149	6.39	0.11	26.093	0.207	1474.	1.9
109	110.0	6.001	33.157	6.38	0.11	26.097	0.211	1474.	1.8
111	112.0	6.025	33.163	6.36	0.11	26.098	0.215	1474.	1.5
113	113.9	6.035	33.165	6.36	0.11	26.098	0.218	1474.	1.4
115	116.1	6.054	33.171	6.35	0.11	26.101	0.222	1475.	1.4
117	118.0	6.066	33.173	6.35	0.11	26.101	0.226	1475.	1.4
119	119.9	6.074	33.173	6.35	0.12	26.100	0.230	1475.	1.5
121	121.9	6.104	33.182	6.33	0.13	26.103	0.234	1475.	1.5
123	124.0	6.185	33.196	6.30	0.16	26.105	0.238	1475.	1.5
125	126.1	6.241	33.212	6.26	0.17	26.110	0.242	1475.	1.5
127	127.8	6.272	33.216	6.24	0.18	26.109	0.245	1476.	1.4
129	129.9	6.281	33.219	6.25	0.18	26.110	0.249	1476.	1.3
131	132.1	6.304	33.223	6.25	0.19	26.110	0.253	1476.	1.2
133	134.1	6.314	33.225	6.24	0.21	26.111	0.257	1476.	1.0
135	135.9	6.328	33.229	6.21	0.19	26.112	0.260	1476.	1.1
137	137.9	6.340	33.232	6.20	0.21	26.113	0.264	1476.	1.1
139	140.0	6.352	33.235	6.20	0.22	26.114	0.268	1476.	1.1
141	142.0	6.358	33.236	6.20	0.22	26.114	0.272	1476.	1.1
143	143.9	6.378	33.242	6.20	0.22	26.116	0.276	1476.	1.0
145	146.0	6.387	33.243	6.19	0.23	26.116	0.280	1476.	1.0
147	147.8	6.401	33.247	6.19	0.24	26.117	0.283	1477.	0.9
149	150.2	6.447	33.256	6.18	0.26	26.118	0.287	1477.	0.8
151	152.2	6.451	33.256	6.17	0.27	26.118	0.291	1477.	0.7
152	153.7	6.449	33.256	6.18	0.27	26.118	0.294	1477.	0.6
155	155.9	6.452	33.257	6.19	0.28	26.118	0.298	1477.	0.5
157	158.0	6.452	33.257	6.18	0.27	26.118	0.302	1477.	0.4
159	160.1	6.450	33.257	6.16	0.28	26.119	0.306	1477.	0.5
161	162.1	6.449	33.257	6.17	0.28	26.118	0.310	1477.	0.5
162	163.2	6.449	33.257	6.17	0.28	26.119	0.312	1477.	0.5
163	164.0	6.449	33.257	6.16	0.28	26.119	0.314	1477.	0.5
164	165.1	6.449	33.257	6.16	0.29	26.119	0.316	1477.	0.5
165	166.0	6.449	33.257	6.16	0.29	26.119	0.318	1477.	0.5
166	167.0	6.449	33.257	6.17	0.29	26.119	0.320	1477.	0.5
167	168.0	6.449	33.257	6.18	0.29	26.119	0.321	1477.	0.4
168	168.9	6.449	33.257	6.19	0.30	26.119	0.323	1477.	0.2
169	170.1	6.449	33.257	6.20	0.31	26.119	0.325	1477.	0.2
170	171.0	6.450	33.257	6.19	0.30	26.119	0.327	1477.	0.2
171	171.9	6.449	33.257	6.18	0.29	26.119	0.329	1477.	0.2
171	172.9	6.449	33.257	6.15	0.30	26.119	0.331	1477.	0.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	25	06 FEB 1987	1946	42°42.0'N	69°13.6'W	166

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.2	5.727	33.106	6.87	0.15	26.090	0.000	1471.	-0.3
4	4.2	5.745	33.108	6.86	0.15	26.089	0.004	1471.	-0.3
6	5.9	5.764	33.109	6.86	0.15	26.087	0.007	1472.	-0.3
8	8.1	5.762	33.108	6.87	0.15	26.087	0.011	1472.	-0.3
10	10.1	5.761	33.108	6.87	0.15	26.087	0.015	1472.	-0.3
12	11.9	5.762	33.109	6.85	0.15	26.087	0.018	1472.	0.3
14	14.0	5.756	33.108	6.83	0.15	26.087	0.022	1472.	0.5
16	16.1	5.745	33.107	6.82	0.15	26.089	0.026	1472.	0.4
18	18.0	5.748	33.108	6.85	0.15	26.089	0.030	1472.	0.3
20	20.0	5.750	33.107	6.84	0.15	26.088	0.034	1472.	0.2
22	22.1	5.755	33.108	6.85	0.15	26.088	0.038	1472.	-0.1
24	24.0	5.754	33.108	6.88	0.15	26.088	0.042	1472.	-0.4
26	25.9	5.754	33.108	6.87	0.15	26.088	0.045	1472.	-0.4
28	28.1	5.750	33.108	6.86	0.15	26.088	0.049	1472.	-0.3
30	30.1	5.757	33.108	6.87	0.15	26.088	0.053	1472.	-0.4
32	32.1	5.762	33.108	6.87	0.15	26.087	0.057	1472.	-0.4
34	34.1	5.765	33.109	6.88	0.15	26.087	0.061	1472.	-0.4
36	35.9	5.766	33.109	6.88	0.15	26.087	0.065	1472.	-0.4
37	37.8	5.767	33.109	6.86	0.15	26.087	0.068	1472.	-0.3
40	39.9	5.771	33.110	6.84	0.14	26.087	0.072	1472.	-0.2
42	42.0	5.772	33.110	6.82	0.14	26.087	0.076	1472.	-0.1
44	44.0	5.772	33.110	6.81	0.14	26.087	0.080	1472.	-0.2
46	46.0	5.773	33.110	6.81	0.14	26.087	0.084	1472.	-0.1
48	48.0	5.774	33.110	6.84	0.14	26.087	0.088	1472.	-0.1
49	49.8	5.775	33.110	6.86	0.14	26.087	0.091	1472.	0.0
52	52.0	5.774	33.110	6.88	0.14	26.087	0.095	1472.	-0.1
54	54.0	5.775	33.110	6.88	0.14	26.087	0.099	1472.	-0.1
56	56.2	5.774	33.110	6.88	0.14	26.087	0.103	1472.	-0.2
58	58.1	5.771	33.109	6.90	0.14	26.087	0.107	1472.	-0.2
59	59.8	5.771	33.109	6.90	0.14	26.087	0.110	1472.	-0.2
62	62.1	5.772	33.109	6.90	0.14	26.087	0.115	1472.	-0.2
64	64.0	5.772	33.109	6.90	0.14	26.086	0.119	1472.	-0.2
65	65.8	5.770	33.109	6.89	0.14	26.087	0.122	1473.	-0.1
67	67.9	5.769	33.108	6.88	0.15	26.086	0.126	1473.	0.1
70	70.1	5.768	33.108	6.86	0.14	26.087	0.130	1473.	-0.2
71	72.0	5.768	33.108	6.82	0.15	26.086	0.134	1473.	-0.2
73	73.9	5.768	33.108	6.81	0.15	26.087	0.138	1473.	0.1
75	76.1	5.770	33.109	6.85	0.14	26.087	0.142	1473.	0.2
77	78.0	5.773	33.109	6.84	0.14	26.086	0.145	1473.	0.2
79	79.9	5.774	33.109	6.85	0.14	26.086	0.149	1473.	0.3
81	82.1	5.777	33.110	6.89	0.14	26.087	0.153	1473.	0.5
83	84.0	5.779	33.110	6.89	0.14	26.087	0.157	1473.	0.6
85	85.9	5.781	33.110	6.88	0.14	26.087	0.161	1473.	0.8
87	88.0	5.788	33.112	6.88	0.14	26.087	0.165	1473.	1.0
89	90.1	5.802	33.115	6.87	0.14	26.088	0.169	1473.	1.2
91	92.2	5.825	33.119	6.85	0.14	26.088	0.173	1473.	1.5
93	93.9	5.844	33.124	6.83	0.13	26.090	0.176	1473.	1.7
95	96.2	5.896	33.136	6.79	0.13	26.093	0.180	1474.	1.9
97	98.1	5.914	33.140	6.79	0.13	26.094	0.184	1474.	2.0
99	100.1	5.978	33.156	6.75	0.13	26.099	0.188	1474.	2.0

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	25	06 FEB 1987	1946	42°42.0'N	69°13.6'W	166

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	6.050	33.171	6.71	0.14	26.102	0.191	1474.	2.1
103	103.9	6.062	33.175	6.70	0.15	26.104	0.195	1474.	2.0
105	106.0	6.111	33.190	6.70	0.15	26.109	0.199	1475.	2.1
107	108.0	6.148	33.193	6.68	0.16	26.107	0.203	1475.	2.1
109	109.9	6.187	33.207	6.67	0.16	26.112	0.207	1475.	2.2
111	111.9	6.219	33.212	6.64	0.17	26.113	0.210	1475.	2.2
113	113.9	6.266	33.229	6.62	0.18	26.120	0.214	1475.	2.2
115	116.1	6.272	33.233	6.63	0.18	26.123	0.218	1475.	2.2
117	118.1	6.279	33.239	6.62	0.19	26.126	0.222	1476.	2.0
119	120.1	6.288	33.242	6.60	0.20	26.128	0.226	1476.	1.8
121	121.9	6.294	33.245	6.60	0.21	26.130	0.229	1476.	1.4
123	123.9	6.303	33.248	6.58	0.21	26.131	0.233	1476.	1.2
125	126.0	6.305	33.249	6.58	0.21	26.131	0.237	1476.	0.9
127	127.9	6.310	33.250	6.57	0.22	26.131	0.241	1476.	0.8
129	130.0	6.312	33.250	6.59	0.22	26.131	0.245	1476.	0.8
131	132.0	6.317	33.251	6.58	0.22	26.131	0.248	1476.	1.2
133	134.1	6.318	33.251	6.61	0.22	26.131	0.252	1476.	1.5
135	135.8	6.320	33.252	6.50	0.23	26.132	0.256	1476.	1.8
137	137.8	6.332	33.257	6.57	0.26	26.134	0.259	1476.	2.3
139	139.9	6.354	33.269	6.58	0.27	26.141	0.263	1476.	2.6
141	141.9	6.358	33.271	6.60	0.27	26.142	0.267	1476.	2.8
143	144.0	6.359	33.280	6.63	0.28	26.148	0.271	1476.	2.9
145	146.0	6.362	33.296	6.64	0.29	26.161	0.275	1476.	2.9
147	148.2	6.363	33.300	6.67	0.29	26.164	0.279	1476.	2.8
149	150.1	6.366	33.305	6.68	0.29	26.167	0.282	1477.	2.6
150	151.2	6.367	33.306	6.69	0.29	26.168	0.284	1477.	2.4
151	152.0	6.369	33.307	6.53	0.29	26.169	0.286	1477.	2.1
152	152.9	6.369	33.307	6.63	0.29	26.169	0.288	1477.	2.4
153	154.0	6.368	33.306	6.29	0.29	26.168	0.290	1477.	2.6
154	155.0	6.373	33.314	6.29	0.30	26.173	0.291	1477.	2.8
155	156.0	6.376	33.320	6.28	0.30	26.178	0.293	1477.	2.9
156	157.0	6.379	33.324	6.26	0.31	26.181	0.295	1477.	2.9
157	158.0	6.381	33.328	6.24	0.31	26.184	0.297	1477.	2.9
158	159.0	6.382	33.330	6.19	0.30	26.185	0.299	1477.	2.9
158	159.6	6.382	33.330	6.11	0.30	26.185	0.300	1477.	2.9

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	26	06 FEB 1987	2102	42°36.5'N	69°22.0'W	235

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.0	5.443	32.997	7.06	0.12	26.037	0.000	1470.	0.2
4	4.1	5.442	32.997	7.04	0.12	26.037	0.004	1470.	0.2
6	6.0	5.440	32.997	7.04	0.12	26.038	0.008	1470.	0.2
8	8.1	5.446	32.997	7.02	0.12	26.037	0.012	1470.	0.2
10	9.9	5.448	32.997	7.02	0.12	26.037	0.015	1470.	0.2
12	12.0	5.448	32.998	7.02	0.12	26.037	0.019	1470.	-0.2
14	14.0	5.443	32.998	7.02	0.12	26.038	0.023	1470.	-0.2
16	16.0	5.444	32.998	7.01	0.12	26.037	0.027	1470.	0.1
18	18.0	5.452	32.998	7.01	0.12	26.037	0.031	1470.	-0.2
20	19.9	5.456	32.998	7.01	0.12	26.036	0.035	1470.	-0.3
22	21.9	5.456	32.999	7.01	0.12	26.037	0.039	1470.	-0.5
24	23.9	5.456	32.998	7.00	0.12	26.037	0.043	1470.	-0.4
26	26.1	5.455	32.998	7.01	0.12	26.037	0.047	1470.	-0.3
28	28.0	5.454	32.998	7.01	0.12	26.037	0.051	1470.	-0.2
30	29.9	5.455	32.998	7.00	0.12	26.036	0.055	1471.	-0.3
32	32.0	5.455	32.998	6.98	0.12	26.037	0.059	1471.	-0.1
34	34.0	5.455	32.998	6.98	0.12	26.036	0.063	1471.	0.2
36	36.0	5.455	32.998	7.00	0.12	26.036	0.067	1471.	0.5
38	38.0	5.456	32.998	7.01	0.12	26.036	0.071	1471.	0.5
40	40.0	5.455	32.998	7.02	0.13	26.037	0.075	1471.	0.6
42	42.0	5.459	32.999	7.02	0.12	26.037	0.078	1471.	0.7
44	44.0	5.469	33.002	7.02	0.12	26.038	0.082	1471.	0.9
46	46.1	5.475	33.002	7.01	0.12	26.038	0.087	1471.	1.3
48	48.1	5.479	33.004	6.99	0.12	26.038	0.090	1471.	1.4
50	50.1	5.484	33.004	6.96	0.12	26.038	0.094	1471.	1.6
51	51.8	5.507	33.012	6.98	0.12	26.042	0.098	1471.	2.1
54	54.0	5.578	33.030	6.94	0.12	26.047	0.102	1471.	2.5
55	55.9	5.566	33.025	6.94	0.12	26.045	0.106	1471.	2.8
58	58.1	5.585	33.036	6.93	0.11	26.051	0.110	1472.	2.9
60	60.0	5.671	33.065	6.90	0.11	26.064	0.114	1472.	3.2
61	62.0	5.698	33.076	6.89	0.11	26.069	0.118	1472.	3.5
63	64.0	5.731	33.088	6.88	0.11	26.075	0.122	1472.	3.7
65	66.0	5.813	33.106	6.84	0.11	26.080	0.125	1473.	3.7
67	68.0	5.824	33.128	6.83	0.10	26.096	0.129	1473.	3.6
69	70.0	5.920	33.157	6.79	0.10	26.106	0.133	1473.	3.5
71	72.0	5.967	33.180	6.77	0.10	26.119	0.137	1473.	3.3
73	74.0	5.982	33.184	6.77	0.10	26.120	0.141	1474.	2.9
75	76.0	6.003	33.190	6.77	0.10	26.122	0.144	1474.	2.5
77	78.0	6.013	33.195	6.76	0.10	26.125	0.148	1474.	2.2
79	79.9	6.020	33.198	6.75	0.10	26.127	0.152	1474.	2.0
81	81.9	6.019	33.199	6.75	0.11	26.127	0.156	1474.	2.0
83	84.1	6.054	33.214	6.74	0.11	26.135	0.160	1474.	1.9
85	86.0	6.097	33.223	6.72	0.10	26.137	0.163	1474.	1.7
87	88.0	6.110	33.227	6.72	0.11	26.138	0.167	1474.	1.6
89	89.9	6.112	33.228	6.72	0.10	26.139	0.171	1474.	1.3
91	92.0	6.115	33.228	6.73	0.10	26.138	0.175	1474.	0.9
93	94.0	6.117	33.229	6.73	0.10	26.139	0.178	1475.	0.9
95	96.0	6.120	33.230	6.72	0.10	26.139	0.182	1475.	0.9
97	98.1	6.123	33.232	6.70	0.10	26.140	0.186	1475.	0.9
99	100.1	6.138	33.234	6.69	0.10	26.140	0.190	1475.	1.0

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	26	06 FEB 1987	2102	42°36.5'N	69°22.0'W	235

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	101.9	6.145	33.237	6.73	0.10	26.141	0.193	1475.	0.9
103	104.1	6.140	33.237	6.78	0.10	26.142	0.197	1475.	0.9
105	106.1	6.138	33.237	6.79	0.10	26.142	0.201	1475.	0.9
107	107.9	6.136	33.237	6.80	0.10	26.143	0.204	1475.	0.8
109	110.0	6.133	33.236	6.81	0.10	26.143	0.208	1475.	0.8
111	112.1	6.132	33.237	6.82	0.10	26.144	0.212	1475.	0.8
113	114.0	6.136	33.238	6.82	0.10	26.144	0.216	1475.	0.8
115	116.1	6.137	33.239	6.82	0.10	26.144	0.220	1475.	0.8
117	118.1	6.142	33.240	6.83	0.10	26.145	0.223	1475.	0.8
119	119.9	6.147	33.242	6.83	0.10	26.145	0.227	1475.	0.8
121	122.0	6.152	33.243	6.83	0.10	26.146	0.231	1475.	1.4
123	124.0	6.168	33.246	6.81	0.09	26.146	0.234	1475.	1.4
125	125.9	6.171	33.246	6.79	0.09	26.146	0.238	1475.	1.8
127	128.1	6.174	33.249	6.78	0.10	26.148	0.242	1475.	2.2
129	130.0	6.212	33.268	6.57	0.09	26.158	0.246	1476.	2.5
131	132.1	6.211	33.259	6.34	0.10	26.151	0.250	1476.	2.7
133	134.1	6.284	33.290	6.29	0.10	26.166	0.253	1476.	2.9
135	135.9	6.314	33.301	6.26	0.10	26.171	0.257	1476.	3.1
137	138.0	6.320	33.308	6.26	0.10	26.176	0.261	1476.	3.1
139	140.1	6.332	33.315	6.26	0.11	26.180	0.264	1476.	3.1
141	142.1	6.372	33.332	6.24	0.11	26.188	0.268	1476.	3.1
143	144.0	6.403	33.350	6.21	0.11	26.198	0.272	1477.	3.3
145	146.0	6.406	33.352	6.17	0.11	26.200	0.275	1477.	3.8
147	148.1	6.416	33.356	6.13	0.11	26.201	0.279	1477.	4.2
149	150.1	6.474	33.386	6.08	0.12	26.217	0.283	1477.	4.3
150	151.7	6.514	33.408	6.03	0.13	26.230	0.286	1477.	4.2
153	154.0	6.588	33.460	5.99	0.14	26.261	0.290	1478.	4.2
155	156.0	6.600	33.478	5.96	0.14	26.274	0.293	1478.	4.1
157	158.1	6.602	33.472	5.94	0.14	26.269	0.297	1478.	3.8
159	160.1	6.606	33.477	5.93	0.14	26.272	0.300	1478.	3.5
161	161.9	6.613	33.491	5.91	0.14	26.282	0.304	1478.	3.3
163	163.9	6.620	33.500	5.90	0.15	26.288	0.307	1478.	3.5
165	166.0	6.624	33.513	5.89	0.15	26.298	0.311	1478.	3.7
167	167.9	6.632	33.528	5.83	0.16	26.308	0.314	1478.	3.8
169	170.1	6.646	33.546	5.50	0.16	26.321	0.318	1478.	4.0
171	172.1	6.654	33.561	5.48	0.16	26.332	0.321	1478.	4.3
173	174.0	6.655	33.560	5.47	0.17	26.331	0.324	1478.	4.5
174	176.0	6.662	33.584	5.46	0.18	26.349	0.328	1478.	4.6
176	177.9	6.667	33.610	5.45	0.19	26.369	0.331	1479.	4.5
179	180.0	6.670	33.639	5.44	0.20	26.391	0.335	1479.	4.5
180	182.0	6.679	33.654	5.42	0.20	26.402	0.338	1479.	4.4
182	184.0	6.682	33.663	5.41	0.21	26.408	0.341	1479.	3.9
185	186.1	6.682	33.670	5.40	0.22	26.414	0.345	1479.	3.7
186	188.1	6.675	33.684	5.39	0.23	26.426	0.348	1479.	3.5
188	190.0	6.675	33.687	5.38	0.23	26.428	0.351	1479.	3.5
190	192.0	6.676	33.692	5.36	0.25	26.432	0.354	1479.	3.6
192	193.9	6.673	33.715	5.35	0.25	26.450	0.357	1479.	3.7
194	195.9	6.672	33.719	5.32	0.28	26.454	0.360	1479.	3.7
196	198.1	6.689	33.737	5.29	0.30	26.466	0.364	1479.	3.6
198	200.1	6.700	33.749	5.25	0.33	26.474	0.367	1479.	3.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	26	06 FEB 1987	2102	42°36.5'N	69°22.0'W	235

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	201.7	6.712	33.761	5.21	0.39	26.482	0.370	1479.	2.8
202	204.0	6.718	33.768	5.22	0.43	26.487	0.373	1479.	2.5
204	205.9	6.718	33.768	5.22	0.45	26.486	0.376	1479.	1.9
206	208.0	6.720	33.769	5.22	0.46	26.487	0.379	1479.	1.5
208	209.9	6.721	33.770	5.22	0.47	26.488	0.382	1479.	1.1
210	212.0	6.720	33.770	5.22	0.48	26.488	0.386	1480.	0.9
212	214.0	6.719	33.771	5.23	0.48	26.489	0.389	1480.	1.1
214	216.0	6.719	33.771	5.24	0.49	26.489	0.392	1480.	1.4
215	217.2	6.719	33.771	5.24	0.52	26.489	0.394	1480.	1.6
216	217.9	6.720	33.773	5.24	0.50	26.490	0.395	1480.	1.9
217	219.0	6.725	33.778	5.24	0.51	26.493	0.397	1480.	2.2
218	220.0	6.729	33.783	5.24	0.51	26.497	0.398	1480.	2.3
219	221.0	6.731	33.785	5.23	0.51	26.498	0.400	1480.	2.3
220	222.1	6.732	33.786	5.23	0.51	26.499	0.401	1480.	2.1
221	223.0	6.733	33.787	5.22	0.52	26.500	0.403	1480.	1.8
222	224.0	6.734	33.789	5.21	0.52	26.501	0.404	1480.	1.8
223	225.0	6.735	33.790	5.20	0.52	26.502	0.406	1480.	1.8
224	226.0	6.735	33.791	5.19	0.53	26.502	0.407	1480.	1.8
225	227.0	6.735	33.791	5.18	0.50	26.502	0.409	1480.	1.8

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	27	06 FEB 1987	2228	42°30.8'N	69°29.9'W	275

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	1.9	5.704	33.172	6.74	0.13	26.145	0.000	1471.	1.7
4	4.0	5.707	33.170	6.75	0.13	26.143	0.004	1471.	1.7
6	6.0	5.707	33.171	6.78	0.13	26.143	0.008	1471.	1.7
8	8.0	5.720	33.172	6.80	0.13	26.143	0.011	1471.	1.7
10	9.9	5.747	33.177	6.81	0.13	26.144	0.015	1472.	1.7
12	12.0	5.792	33.190	6.79	0.12	26.148	0.019	1472.	1.9
14	14.0	5.852	33.202	6.76	0.12	26.151	0.022	1472.	1.8
16	16.0	5.895	33.216	6.73	0.12	26.157	0.026	1472.	1.7
18	18.0	5.972	33.230	6.70	0.11	26.158	0.030	1473.	1.4
20	20.0	5.993	33.230	6.70	0.11	26.156	0.033	1473.	1.0
22	22.0	5.996	33.231	6.70	0.11	26.155	0.037	1473.	0.5
24	24.0	6.000	33.231	6.71	0.11	26.155	0.041	1473.	-0.5
26	26.0	6.003	33.231	6.71	0.11	26.155	0.045	1473.	-0.3
28	28.0	6.013	33.233	6.71	0.11	26.155	0.048	1473.	0.5
30	29.9	6.025	33.236	6.71	0.11	26.156	0.052	1473.	0.5
32	32.0	6.031	33.237	6.71	0.10	26.156	0.056	1473.	0.5
34	34.0	6.034	33.238	6.70	0.10	26.156	0.060	1473.	0.5
36	36.0	6.034	33.238	6.70	0.10	26.156	0.063	1473.	0.5
38	38.0	6.033	33.237	6.69	0.11	26.156	0.067	1473.	0.4
40	40.1	6.032	33.238	6.69	0.11	26.156	0.071	1473.	0.3
42	41.9	6.031	33.238	6.69	0.11	26.156	0.074	1473.	0.3
44	44.0	6.032	33.238	6.70	0.11	26.156	0.078	1473.	0.3
46	45.9	6.032	33.238	6.70	0.11	26.156	0.082	1473.	0.3
48	48.0	6.032	33.238	6.71	0.11	26.157	0.085	1473.	0.3
50	50.0	6.032	33.238	6.71	0.11	26.156	0.089	1473.	0.3
52	52.0	6.034	33.238	6.71	0.11	26.156	0.093	1474.	0.4
54	54.0	6.039	33.239	6.73	0.10	26.157	0.097	1474.	0.4
56	56.0	6.039	33.239	6.74	0.10	26.157	0.100	1474.	0.4
57	57.9	6.042	33.240	6.74	0.10	26.157	0.104	1474.	0.4
60	60.0	6.052	33.242	6.73	0.10	26.157	0.108	1474.	0.5
62	62.0	6.069	33.244	6.73	0.10	26.157	0.111	1474.	0.5
63	64.0	6.079	33.246	6.73	0.10	26.157	0.115	1474.	0.5
66	66.0	6.061	33.243	6.74	0.11	26.157	0.119	1474.	0.5
67	68.0	6.055	33.243	6.75	0.11	26.157	0.123	1474.	0.5
69	70.0	6.053	33.243	6.75	0.11	26.158	0.126	1474.	0.5
71	72.0	6.053	33.243	6.75	0.11	26.158	0.130	1474.	0.5
73	74.0	6.053	33.242	6.75	0.11	26.158	0.134	1474.	0.4
75	76.0	6.052	33.243	6.75	0.11	26.158	0.137	1474.	0.3
77	78.0	6.056	33.244	6.75	0.11	26.159	0.141	1474.	0.2
79	80.0	6.065	33.245	6.75	0.11	26.158	0.145	1474.	0.2
81	82.0	6.065	33.245	6.75	0.10	26.158	0.148	1474.	0.2
83	84.0	6.063	33.244	6.75	0.11	26.158	0.152	1474.	0.3
85	86.0	6.059	33.244	6.76	0.11	26.158	0.156	1474.	0.3
87	88.0	6.060	33.244	6.75	0.11	26.158	0.160	1474.	0.5
89	90.0	6.059	33.244	6.76	0.11	26.158	0.163	1474.	0.5
91	91.9	6.058	33.245	6.76	0.11	26.159	0.167	1474.	0.5
93	93.9	6.058	33.245	6.76	0.11	26.159	0.171	1474.	0.5
95	96.0	6.059	33.245	6.76	0.11	26.159	0.174	1474.	0.4
97	98.0	6.058	33.245	6.76	0.11	26.159	0.178	1474.	0.3
99	100.0	6.058	33.245	6.76	0.13	26.159	0.182	1474.	-0.1

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	27	06 FEB 1987	2228	42°30.8'N	69°29.9'W	275

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	6.058	33.245	6.75	0.11	26.159	0.186	1474.	-0.2
103	104.0	6.059	33.245	6.75	0.11	26.159	0.189	1474.	-0.2
105	106.0	6.058	33.245	6.76	0.11	26.159	0.193	1474.	-0.3
107	108.0	6.055	33.244	6.76	0.11	26.158	0.197	1475.	-0.2
109	110.0	6.056	33.244	6.76	0.11	26.158	0.201	1475.	0.3
111	112.0	6.056	33.244	6.77	0.11	26.158	0.204	1475.	0.5
113	113.9	6.054	33.244	6.76	0.11	26.158	0.208	1475.	0.5
115	116.0	6.054	33.244	6.76	0.11	26.159	0.212	1475.	0.6
117	118.0	6.055	33.245	6.76	0.11	26.159	0.215	1475.	0.7
119	120.0	6.055	33.245	6.77	0.11	26.160	0.219	1475.	0.8
121	122.0	6.054	33.245	6.76	0.11	26.160	0.223	1475.	0.8
123	124.0	6.053	33.245	6.76	0.11	26.160	0.227	1475.	0.7
125	126.0	6.054	33.247	6.76	0.11	26.161	0.230	1475.	0.7
127	128.0	6.056	33.247	6.75	0.11	26.161	0.234	1475.	0.8
129	130.0	6.059	33.248	6.73	0.11	26.161	0.238	1475.	1.1
131	132.1	6.060	33.248	6.70	0.11	26.161	0.242	1475.	1.5
133	134.0	6.063	33.249	6.68	0.11	26.161	0.245	1475.	2.2
135	136.0	6.081	33.255	6.65	0.10	26.164	0.249	1475.	2.6
137	138.0	6.127	33.267	6.61	0.10	26.168	0.253	1475.	3.0
139	140.0	6.187	33.287	6.57	0.10	26.176	0.256	1476.	3.3
141	142.0	6.328	33.330	6.49	0.09	26.192	0.260	1476.	3.8
143	144.1	6.374	33.340	6.44	0.09	26.194	0.264	1476.	4.2
145	146.0	6.399	33.356	6.39	0.10	26.204	0.267	1477.	4.3
147	148.0	6.434	33.379	6.34	0.10	26.217	0.271	1477.	4.5
149	150.0	6.479	33.417	6.28	0.12	26.241	0.274	1477.	4.6
151	152.0	6.502	33.438	6.05	0.10	26.255	0.278	1477.	4.7
153	154.0	6.516	33.447	5.81	0.10	26.260	0.282	1477.	4.5
155	156.0	6.547	33.475	5.77	0.10	26.278	0.285	1478.	4.4
157	158.0	6.574	33.499	5.74	0.10	26.293	0.289	1478.	4.3
159	160.0	6.587	33.508	5.70	0.10	26.299	0.292	1478.	4.4
161	162.0	6.595	33.514	5.66	0.10	26.303	0.296	1478.	4.7
163	164.0	6.624	33.544	5.63	0.10	26.322	0.299	1478.	5.0
165	166.0	6.641	33.566	5.60	0.11	26.337	0.302	1478.	5.1
167	168.0	6.657	33.593	5.58	0.11	26.356	0.306	1478.	5.2
169	170.0	6.674	33.629	5.56	0.12	26.383	0.309	1478.	5.2
171	172.0	6.681	33.662	5.54	0.13	26.408	0.312	1479.	5.0
173	174.0	6.682	33.670	5.53	0.13	26.414	0.316	1479.	4.7
175	176.1	6.680	33.676	5.52	0.13	26.419	0.319	1479.	4.5
176	177.9	6.671	33.696	5.50	0.14	26.436	0.322	1479.	4.3
178	180.0	6.669	33.708	5.50	0.14	26.445	0.325	1479.	4.3
180	182.0	6.666	33.717	5.26	0.15	26.453	0.329	1479.	4.3
183	184.1	6.663	33.738	5.12	0.17	26.470	0.332	1479.	4.3
184	186.0	6.677	33.763	5.12	0.19	26.488	0.335	1479.	4.1
186	188.0	6.699	33.779	5.11	0.21	26.497	0.338	1479.	4.0
188	190.0	6.700	33.785	5.11	0.21	26.503	0.341	1479.	3.7
190	192.0	6.701	33.797	5.11	0.22	26.512	0.344	1479.	3.3
192	194.0	6.702	33.801	5.12	0.22	26.515	0.347	1479.	2.9
194	196.1	6.717	33.817	5.12	0.24	26.525	0.350	1479.	2.6
196	198.0	6.725	33.822	5.13	0.25	26.528	0.353	1479.	2.3
198	200.0	6.728	33.824	5.15	0.25	26.529	0.356	1479.	2.0

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	27	06 FEB 1987	2228	42°30.8'N	69°29.9'W	275

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	202.0	6.730	33.826	5.16	0.25	26.531	0.359	1479.	1.9
202	204.0	6.728	33.823	5.18	0.23	26.529	0.362	1479.	1.8
204	206.0	6.728	33.824	5.19	0.22	26.529	0.366	1480.	1.9
206	208.0	6.729	33.832	5.19	0.23	26.536	0.369	1480.	2.0
208	210.1	6.730	33.836	5.19	0.25	26.539	0.372	1480.	2.2
210	212.0	6.729	33.841	5.19	0.28	26.543	0.375	1480.	2.4
212	214.0	6.727	33.845	5.19	0.29	26.546	0.378	1480.	2.4
214	216.1	6.727	33.847	5.19	0.29	26.548	0.381	1480.	2.3
216	217.9	6.728	33.854	5.19	0.31	26.553	0.384	1480.	2.3
218	220.0	6.732	33.860	5.19	0.32	26.557	0.387	1480.	2.2
220	221.9	6.741	33.866	5.18	0.33	26.561	0.390	1480.	2.0
222	224.0	6.749	33.869	5.17	0.34	26.562	0.393	1480.	1.9
224	225.9	6.754	33.873	5.17	0.37	26.564	0.395	1480.	1.7
226	228.0	6.755	33.874	5.18	0.38	26.565	0.399	1480.	1.5
228	230.0	6.755	33.874	5.17	0.38	26.565	0.402	1480.	1.3
230	232.0	6.756	33.877	5.17	0.44	26.567	0.405	1480.	1.2
232	234.0	6.757	33.879	5.17	0.48	26.569	0.408	1480.	1.0
234	236.0	6.757	33.879	5.17	0.50	26.569	0.411	1480.	0.9
236	237.9	6.757	33.879	5.17	0.51	26.569	0.413	1480.	0.7
238	240.0	6.758	33.879	5.17	0.51	26.569	0.417	1480.	0.4
240	242.0	6.758	33.879	5.17	0.51	26.569	0.420	1480.	0.3
242	244.0	6.758	33.879	5.17	0.52	26.569	0.422	1480.	0.4
244	246.0	6.758	33.879	5.18	0.52	26.569	0.425	1480.	0.5
246	248.0	6.758	33.879	5.17	0.53	26.569	0.428	1480.	0.5
248	250.0	6.758	33.880	5.17	0.54	26.569	0.431	1480.	0.4
250	252.0	6.758	33.880	5.17	0.55	26.569	0.434	1480.	0.4
252	254.0	6.759	33.880	5.17	0.55	26.569	0.437	1480.	0.4
254	256.0	6.759	33.880	5.17	0.56	26.569	0.440	1481.	0.3
256	258.0	6.759	33.880	5.16	0.56	26.569	0.443	1481.	0.2
257	259.2	6.759	33.880	5.17	0.55	26.569	0.445	1481.	0.1
258	260.0	6.759	33.880	5.17	0.55	26.569	0.446	1481.	0.1
259	261.0	6.759	33.880	5.17	0.55	26.569	0.448	1481.	0.3
260	262.0	6.759	33.880	5.17	0.56	26.570	0.449	1481.	0.2
261	263.0	6.760	33.880	5.17	0.56	26.569	0.451	1481.	-0.1
262	264.0	6.760	33.880	5.17	0.56	26.569	0.452	1481.	0.1
263	265.0	6.761	33.880	5.17	0.57	26.569	0.454	1481.	0.1
264	266.0	6.761	33.880	5.17	0.57	26.569	0.455	1481.	0.1
265	267.0	6.761	33.880	5.17	0.57	26.569	0.457	1481.	0.1
265	267.6	6.761	33.880	5.15	0.57	26.569	0.458	1481.	0.1

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	28	06 FEB 1987	2346	42°24.5'N	69°39.0'W	253

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.3	5.777	33.180	6.72	0.13	26.142	0.000	1472.	-0.5
4	4.0	5.789	33.178	6.74	0.12	26.139	0.003	1472.	-0.5
6	6.1	5.790	33.178	6.77	0.12	26.139	0.007	1472.	-0.5
8	8.0	5.789	33.178	6.79	0.12	26.139	0.011	1472.	-0.5
10	10.1	5.788	33.178	6.80	0.12	26.140	0.015	1472.	-0.5
12	11.9	5.788	33.179	6.81	0.12	26.140	0.018	1472.	-0.1
14	14.1	5.794	33.179	6.81	0.12	26.139	0.022	1472.	-0.2
16	16.0	5.793	33.179	6.81	0.12	26.139	0.026	1472.	-0.3
18	18.0	5.798	33.179	6.83	0.12	26.139	0.029	1472.	-0.4
20	20.0	5.797	33.179	6.84	0.12	26.139	0.033	1472.	-0.4
22	22.0	5.800	33.180	6.83	0.12	26.139	0.037	1472.	-0.2
24	24.0	5.802	33.180	6.82	0.12	26.139	0.040	1472.	-0.2
26	26.0	5.800	33.179	6.81	0.12	26.139	0.044	1472.	0.4
28	27.9	5.796	33.179	6.81	0.13	26.139	0.048	1472.	0.5
30	29.9	5.799	33.180	6.82	0.12	26.139	0.052	1472.	0.5
32	32.0	5.798	33.179	6.83	0.12	26.139	0.056	1472.	0.5
34	34.0	5.807	33.183	6.83	0.12	26.141	0.059	1472.	0.4
36	36.0	5.810	33.183	6.83	0.12	26.140	0.063	1472.	0.6
38	38.0	5.814	33.183	6.84	0.12	26.140	0.067	1472.	0.6
40	40.0	5.814	33.182	6.84	0.12	26.139	0.071	1472.	0.6
42	42.0	5.808	33.181	6.84	0.12	26.139	0.074	1472.	0.6
44	44.0	5.834	33.189	6.83	0.12	26.142	0.078	1473.	0.7
46	45.9	5.836	33.187	6.83	0.12	26.141	0.082	1473.	0.8
48	48.0	5.840	33.189	6.83	0.12	26.141	0.085	1473.	0.8
50	50.0	5.842	33.189	6.84	0.12	26.142	0.089	1473.	0.7
52	51.9	5.845	33.190	6.84	0.12	26.141	0.093	1473.	0.5
54	54.0	5.852	33.192	6.83	0.12	26.142	0.097	1473.	0.6
56	56.0	5.852	33.192	6.84	0.12	26.142	0.100	1473.	0.6
58	58.0	5.854	33.192	6.84	0.12	26.142	0.104	1473.	0.6
60	60.0	5.855	33.193	6.84	0.12	26.143	0.108	1473.	0.6
62	62.0	5.856	33.193	6.84	0.12	26.143	0.112	1473.	0.7
64	64.0	5.856	33.193	6.84	0.12	26.143	0.115	1473.	0.8
65	66.0	5.859	33.194	6.84	0.12	26.143	0.119	1473.	0.8
68	68.1	5.863	33.196	6.84	0.12	26.144	0.123	1473.	0.9
69	70.0	5.869	33.198	6.83	0.11	26.145	0.127	1473.	0.9
71	72.0	5.879	33.200	6.83	0.11	26.146	0.130	1473.	0.8
73	74.0	5.883	33.200	6.83	0.11	26.145	0.134	1473.	0.7
75	75.9	5.887	33.202	6.83	0.11	26.146	0.138	1473.	0.7
77	78.0	5.895	33.203	6.82	0.11	26.146	0.141	1473.	0.6
79	80.0	5.899	33.204	6.82	0.11	26.146	0.145	1473.	0.4
81	82.0	5.899	33.204	6.83	0.11	26.146	0.149	1473.	0.5
83	84.1	5.904	33.205	6.83	0.11	26.147	0.153	1473.	0.3
85	86.0	5.909	33.206	6.83	0.11	26.146	0.156	1474.	0.3
87	88.1	5.911	33.206	6.83	0.11	26.146	0.160	1474.	-0.1
89	90.1	5.910	33.206	6.83	0.11	26.146	0.164	1474.	-0.3
91	92.0	5.912	33.206	6.83	0.11	26.146	0.168	1474.	-0.3
93	94.0	5.913	33.206	6.82	0.11	26.146	0.171	1474.	-0.1
95	96.0	5.913	33.206	6.83	0.11	26.146	0.175	1474.	0.3
97	98.0	5.915	33.206	6.83	0.11	26.146	0.179	1474.	0.3
99	100.1	5.920	33.207	6.83	0.11	26.146	0.183	1474.	0.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	28	06 FEB 1987	2346	42°24.5'N	69°39.0'W	253

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	101.9	5.919	33.207	6.84	0.11	26.146	0.186	1474.	0.4
103	104.0	5.920	33.208	6.83	0.11	26.147	0.190	1474.	0.5
105	106.1	5.925	33.209	6.83	0.11	26.147	0.194	1474.	0.5
107	107.9	5.925	33.208	6.83	0.11	26.146	0.197	1474.	0.5
109	110.0	5.924	33.208	6.83	0.11	26.147	0.201	1474.	0.5
111	112.1	5.924	33.209	6.83	0.11	26.147	0.205	1474.	0.4
113	114.0	5.924	33.209	6.83	0.11	26.147	0.209	1474.	0.3
115	116.0	5.927	33.210	6.82	0.11	26.147	0.213	1474.	0.4
117	118.0	5.942	33.212	6.81	0.11	26.148	0.216	1474.	0.7
119	120.0	5.946	33.212	6.81	0.11	26.147	0.220	1474.	1.1
121	122.0	5.943	33.211	6.81	0.11	26.147	0.224	1474.	1.4
123	124.0	5.951	33.214	6.81	0.11	26.148	0.227	1474.	1.6
125	126.0	5.990	33.224	6.79	0.10	26.151	0.231	1475.	1.9
127	128.0	6.061	33.240	6.75	0.10	26.155	0.235	1475.	2.1
129	130.1	6.091	33.249	6.73	0.10	26.158	0.239	1475.	2.1
131	132.0	6.112	33.256	6.69	0.10	26.161	0.242	1475.	2.1
133	134.0	6.126	33.263	6.66	0.10	26.164	0.246	1475.	2.2
135	136.0	6.163	33.272	6.62	0.10	26.167	0.250	1475.	2.4
137	137.9	6.179	33.274	6.59	0.10	26.167	0.253	1476.	2.7
139	140.0	6.189	33.279	6.55	0.10	26.170	0.257	1476.	3.0
141	142.0	6.254	33.306	6.50	0.10	26.182	0.261	1476.	3.2
143	144.3	6.292	33.319	6.45	0.11	26.188	0.265	1476.	3.3
145	146.1	6.328	33.339	6.42	0.10	26.199	0.268	1476.	3.4
147	148.0	6.357	33.355	6.37	0.10	26.208	0.272	1476.	3.7
149	150.0	6.368	33.359	6.33	0.10	26.210	0.276	1477.	4.1
151	152.0	6.382	33.369	6.30	0.10	26.216	0.279	1477.	4.5
153	154.0	6.396	33.382	6.23	0.11	26.224	0.283	1477.	4.8
155	156.0	6.462	33.426	5.87	0.11	26.251	0.286	1477.	5.1
157	158.0	6.541	33.474	5.82	0.10	26.278	0.290	1478.	5.3
159	160.0	6.597	33.506	5.77	0.10	26.296	0.293	1478.	5.3
161	162.1	6.631	33.535	5.70	0.10	26.314	0.297	1478.	5.0
163	164.0	6.648	33.555	5.64	0.10	26.328	0.300	1478.	4.6
165	165.9	6.667	33.576	5.60	0.11	26.342	0.304	1478.	4.6
167	168.1	6.676	33.583	5.56	0.11	26.346	0.307	1478.	4.6
169	170.0	6.683	33.593	5.53	0.11	26.354	0.310	1478.	4.5
171	172.0	6.691	33.607	5.51	0.12	26.363	0.314	1479.	4.5
173	174.0	6.704	33.659	5.50	0.12	26.402	0.317	1479.	4.4
175	176.1	6.698	33.668	5.51	0.12	26.410	0.320	1479.	4.3
176	177.9	6.693	33.672	5.50	0.12	26.414	0.324	1479.	4.1
178	180.0	6.686	33.678	5.50	0.12	26.420	0.327	1479.	3.8
181	182.0	6.679	33.686	5.49	0.13	26.427	0.330	1479.	3.4
182	184.0	6.671	33.694	5.49	0.13	26.435	0.333	1479.	3.4
184	185.9	6.609	33.693	5.14	0.11	26.442	0.336	1479.	3.5
186	188.0	6.575	33.701	5.15	0.10	26.453	0.340	1478.	3.4
189	190.1	6.566	33.709	5.16	0.10	26.460	0.343	1478.	3.4
190	192.0	6.563	33.715	5.17	0.10	26.465	0.346	1478.	3.5
192	194.0	6.567	33.725	5.17	0.10	26.472	0.349	1479.	3.8
194	196.0	6.575	33.731	5.17	0.11	26.476	0.352	1479.	3.8
196	197.9	6.591	33.743	5.18	0.12	26.484	0.355	1479.	3.8
198	199.9	6.617	33.775	5.18	0.15	26.506	0.359	1479.	3.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	28	06 FEB 1987	2346	42°24.5'N	69°39.0'W	253

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	202.0	6.683	33.808	5.16	0.19	26.523	0.362	1479.	3.5
202	204.0	6.694	33.806	5.17	0.20	26.520	0.365	1479.	3.3
204	206.0	6.711	33.815	5.17	0.21	26.525	0.368	1479.	3.0
206	208.0	6.712	33.820	5.18	0.22	26.528	0.371	1479.	2.7
208	209.9	6.708	33.821	5.19	0.22	26.530	0.374	1479.	2.6
210	212.0	6.696	33.827	5.20	0.22	26.536	0.377	1479.	2.7
212	214.0	6.707	33.839	5.20	0.23	26.544	0.380	1480.	2.7
214	216.0	6.720	33.848	5.19	0.25	26.549	0.383	1480.	2.6
216	218.0	6.723	33.852	5.18	0.27	26.552	0.386	1480.	2.5
218	220.1	6.726	33.856	5.18	0.29	26.555	0.389	1480.	2.3
220	222.0	6.730	33.860	5.18	0.32	26.557	0.392	1480.	2.1
222	224.1	6.733	33.865	5.17	0.34	26.561	0.395	1480.	1.9
224	226.1	6.737	33.868	5.17	0.38	26.563	0.398	1480.	1.8
226	227.9	6.741	33.872	5.17	0.43	26.565	0.401	1480.	1.7
228	230.0	6.745	33.874	5.17	0.49	26.567	0.404	1480.	1.5
230	232.0	6.747	33.876	5.16	0.52	26.568	0.407	1480.	1.3
232	234.0	6.748	33.876	5.16	0.53	26.568	0.410	1480.	1.1
233	235.2	6.749	33.877	5.16	0.54	26.568	0.412	1480.	0.9
234	236.0	6.749	33.877	5.16	0.55	26.568	0.413	1480.	0.8
235	237.1	6.749	33.877	5.16	0.55	26.568	0.414	1480.	0.7
236	238.0	6.750	33.877	5.16	0.55	26.568	0.416	1480.	0.8
237	239.0	6.750	33.878	5.16	0.56	26.569	0.417	1480.	0.7
238	240.0	6.750	33.878	5.15	0.57	26.569	0.419	1480.	0.5
239	241.0	6.750	33.878	5.14	0.58	26.569	0.420	1480.	0.4
240	242.0	6.750	33.878	5.13	0.56	26.569	0.422	1480.	0.4
241	242.9	6.750	33.878	5.13	0.57	26.569	0.423	1480.	0.4
242	244.0	6.750	33.878	5.13	0.58	26.569	0.425	1480.	0.4
243	244.9	6.750	33.878	5.14	0.58	26.569	0.426	1480.	0.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	29	07 FEB 1987	0110	42°18.1'N	69°46.8'W	247

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.1	5.924	33.190	6.68	0.13	26.132	0.000	1472.	0.4
4	4.0	5.924	33.190	6.70	0.14	26.132	0.004	1472.	0.4
6	5.9	5.921	33.189	6.72	0.14	26.132	0.007	1472.	0.4
8	8.0	5.919	33.189	6.72	0.14	26.132	0.011	1472.	0.4
10	10.0	5.917	33.189	6.73	0.14	26.132	0.015	1472.	0.4
12	12.0	5.917	33.189	6.74	0.14	26.132	0.019	1472.	0.3
14	14.0	5.920	33.189	6.75	0.14	26.132	0.022	1472.	0.2
16	16.0	5.919	33.190	6.76	0.14	26.132	0.026	1472.	-0.1
18	18.0	5.919	33.190	6.76	0.14	26.132	0.030	1472.	-0.1
20	20.0	5.919	33.189	6.76	0.14	26.132	0.034	1472.	-0.2
22	22.0	5.921	33.189	6.76	0.14	26.132	0.037	1472.	-0.1
24	24.0	5.920	33.189	6.76	0.14	26.132	0.041	1473.	-0.1
26	26.0	5.919	33.189	6.75	0.14	26.132	0.045	1473.	0.0
28	28.0	5.920	33.189	6.76	0.14	26.132	0.049	1473.	0.2
30	30.0	5.920	33.189	6.76	0.14	26.132	0.052	1473.	0.1
32	32.0	5.925	33.190	6.76	0.14	26.132	0.056	1473.	-0.2
34	34.0	5.921	33.189	6.77	0.14	26.132	0.060	1473.	-0.2
36	36.0	5.922	33.189	6.77	0.14	26.132	0.064	1473.	-0.2
38	38.0	5.927	33.190	6.77	0.14	26.132	0.067	1473.	-0.3
40	40.1	5.925	33.189	6.77	0.14	26.131	0.071	1473.	-0.4
42	42.0	5.936	33.192	6.77	0.14	26.132	0.075	1473.	-0.4
44	44.0	5.942	33.192	6.77	0.14	26.132	0.079	1473.	-0.4
46	46.0	5.939	33.191	6.77	0.13	26.131	0.082	1473.	-0.4
48	48.0	5.936	33.191	6.78	0.14	26.131	0.086	1473.	-0.2
50	50.0	5.934	33.191	6.78	0.14	26.131	0.090	1473.	-0.3
52	51.9	5.933	33.190	6.77	0.14	26.131	0.094	1473.	0.1
54	54.0	5.933	33.190	6.78	0.14	26.131	0.097	1473.	0.3
55	55.9	5.942	33.192	6.78	0.14	26.132	0.101	1473.	0.3
57	57.9	5.943	33.192	6.79	0.14	26.131	0.105	1473.	-0.1
59	59.9	5.946	33.192	6.79	0.13	26.131	0.109	1473.	-0.3
61	62.0	5.945	33.192	6.79	0.13	26.131	0.112	1473.	-0.2
64	64.0	5.944	33.192	6.80	0.14	26.131	0.116	1473.	-0.2
65	66.0	5.940	33.190	6.80	0.14	26.130	0.120	1473.	0.2
68	68.1	5.933	33.189	6.80	0.14	26.130	0.124	1473.	0.2
69	70.0	5.941	33.192	6.80	0.14	26.131	0.127	1473.	0.7
71	72.0	5.941	33.191	6.80	0.14	26.131	0.131	1473.	0.9
73	74.0	5.939	33.191	6.80	0.14	26.131	0.135	1473.	1.0
75	76.0	5.940	33.191	6.80	0.13	26.131	0.139	1473.	1.0
77	78.0	5.971	33.201	6.79	0.13	26.135	0.142	1474.	1.1
79	79.9	5.990	33.203	6.78	0.13	26.134	0.146	1474.	1.2
81	82.0	5.998	33.205	6.77	0.13	26.135	0.150	1474.	1.2
83	84.0	6.005	33.207	6.77	0.12	26.136	0.154	1474.	1.2
85	86.0	6.020	33.212	6.77	0.12	26.138	0.158	1474.	1.2
87	88.0	6.033	33.215	6.76	0.12	26.138	0.161	1474.	1.3
89	90.0	6.044	33.217	6.76	0.12	26.139	0.165	1474.	1.4
91	92.0	6.052	33.220	6.76	0.11	26.140	0.169	1474.	1.3
93	94.0	6.057	33.223	6.76	0.11	26.142	0.172	1474.	1.2
95	95.9	6.063	33.225	6.75	0.11	26.143	0.176	1474.	1.1
97	98.0	6.072	33.229	6.74	0.11	26.144	0.180	1474.	0.9
99	100.0	6.096	33.232	6.74	0.11	26.144	0.184	1475.	0.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	29	07 FEB 1987	0110	42°18.1'N	69°46.8'W	247

DEPTH m	PRESS dbar	TEMP °C	SALIN psu.	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	6.097	33.232	6.73	0.11	26.144	0.187	1475.	0.2
103	103.9	6.093	33.231	6.74	0.11	26.144	0.191	1475.	-0.4
105	106.0	6.089	33.230	6.74	0.11	26.143	0.195	1475.	-0.5
107	108.0	6.096	33.232	6.74	0.11	26.144	0.199	1475.	-0.3
109	110.0	6.086	33.228	6.75	0.11	26.142	0.202	1475.	0.5
111	111.9	6.089	33.230	6.74	0.11	26.143	0.206	1475.	0.8
113	114.0	6.107	33.233	6.74	0.11	26.143	0.210	1475.	1.0
115	115.9	6.112	33.235	6.74	0.10	26.144	0.214	1475.	1.0
117	118.0	6.127	33.239	6.73	0.10	26.146	0.217	1475.	1.0
119	120.0	6.177	33.250	6.71	0.09	26.148	0.221	1475.	0.8
121	122.0	6.188	33.250	6.70	0.09	26.147	0.225	1475.	0.8
123	124.1	6.188	33.250	6.70	0.09	26.147	0.229	1475.	0.7
125	125.9	6.163	33.245	6.71	0.10	26.146	0.232	1475.	0.6
127	128.0	6.133	33.241	6.73	0.10	26.146	0.236	1475.	0.6
129	130.0	6.108	33.238	6.74	0.10	26.147	0.240	1475.	0.8
131	132.0	6.109	33.240	6.74	0.10	26.148	0.244	1475.	0.9
133	134.0	6.111	33.240	6.74	0.10	26.148	0.247	1475.	0.9
135	136.0	6.100	33.239	6.75	0.11	26.149	0.251	1475.	0.8
137	138.1	6.094	33.238	6.76	0.11	26.149	0.255	1475.	0.7
139	140.0	6.095	33.239	6.75	0.11	26.150	0.259	1475.	0.7
141	142.0	6.095	33.239	6.75	0.11	26.149	0.262	1475.	0.7
143	144.0	6.098	33.240	6.75	0.11	26.150	0.266	1475.	0.7
145	146.0	6.090	33.238	6.76	0.11	26.150	0.270	1475.	0.8
147	147.9	6.079	33.238	6.76	0.11	26.151	0.274	1475.	0.9
149	150.0	6.074	33.237	6.77	0.11	26.151	0.277	1475.	0.9
151	152.0	6.049	33.233	6.79	0.11	26.151	0.281	1475.	0.9
153	154.0	6.044	33.234	6.78	0.11	26.152	0.285	1475.	0.9
155	156.0	6.055	33.238	6.78	0.11	26.154	0.289	1475.	0.8
157	158.0	6.058	33.237	6.78	0.11	26.153	0.292	1475.	0.8
159	160.0	6.053	33.237	6.79	0.11	26.153	0.296	1475.	0.6
161	162.0	6.057	33.238	6.78	0.11	26.153	0.300	1475.	0.3
163	164.1	6.061	33.239	6.78	0.11	26.153	0.304	1475.	-0.2
165	166.0	6.065	33.239	6.78	0.11	26.153	0.307	1475.	0.1
167	168.0	6.066	33.239	6.77	0.11	26.153	0.311	1476.	0.2
169	170.0	6.066	33.239	6.77	0.11	26.153	0.315	1476.	0.5
171	171.9	6.065	33.239	6.78	0.11	26.153	0.318	1476.	0.7
173	174.0	6.064	33.238	6.77	0.11	26.153	0.322	1476.	1.2
175	176.0	6.054	33.238	6.75	0.11	26.154	0.326	1476.	2.3
177	178.0	6.056	33.240	6.71	0.11	26.156	0.330	1476.	3.2
178	180.0	6.063	33.242	6.67	0.11	26.156	0.333	1476.	3.8
181	182.0	6.081	33.252	6.63	0.11	26.162	0.337	1476.	4.6
182	184.0	6.253	33.321	6.54	0.11	26.194	0.341	1477.	5.5
184	186.0	6.395	33.370	6.42	0.11	26.215	0.345	1477.	6.3
186	188.0	6.471	33.398	6.32	0.11	26.227	0.348	1478.	6.8
188	189.9	6.577	33.463	6.21	0.12	26.265	0.352	1478.	6.9
190	192.0	6.693	33.547	5.78	0.18	26.315	0.355	1479.	6.8
192	194.0	6.747	33.615	5.64	0.20	26.362	0.359	1479.	6.7
194	196.0	6.764	33.644	5.54	0.20	26.383	0.362	1479.	6.4
196	198.0	6.767	33.647	5.49	0.20	26.384	0.365	1479.	5.7
198	199.9	6.766	33.678	5.46	0.22	26.409	0.369	1479.	4.9

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	29	07 FEB 1987	0110	42°18.1'N	69°46.8'W	247

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	202.0	6.750	33.710	5.46	0.25	26.437	0.372	1479.	4.2
202	204.0	6.747	33.711	5.46	0.27	26.438	0.375	1479.	4.0
204	206.1	6.744	33.712	5.47	0.27	26.439	0.378	1479.	3.9
206	208.0	6.741	33.715	5.49	0.27	26.442	0.381	1479.	3.8
208	210.0	6.731	33.725	5.39	0.20	26.451	0.385	1479.	3.8
210	212.0	6.724	33.742	5.23	0.18	26.465	0.388	1479.	4.1
212	213.9	6.728	33.759	5.13	0.18	26.478	0.391	1480.	4.4
214	216.0	6.735	33.782	5.12	0.18	26.495	0.394	1480.	4.5
216	218.0	6.734	33.791	5.12	0.17	26.502	0.397	1480.	4.4
218	220.0	6.744	33.810	5.12	0.19	26.516	0.400	1480.	4.3
220	222.0	6.762	33.836	5.13	0.22	26.534	0.403	1480.	4.0
222	223.9	6.771	33.847	5.14	0.27	26.542	0.406	1480.	3.8
224	225.9	6.778	33.855	5.15	0.35	26.547	0.409	1480.	3.5
226	228.0	6.788	33.868	5.16	0.47	26.556	0.413	1480.	3.1
228	230.0	6.791	33.873	5.15	0.52	26.559	0.415	1480.	2.7
229	231.2	6.793	33.874	5.14	0.54	26.560	0.417	1480.	2.3
230	232.0	6.793	33.874	5.15	0.54	26.560	0.419	1480.	1.9
231	233.0	6.793	33.875	5.14	0.55	26.560	0.420	1480.	1.3
232	233.9	6.794	33.876	5.14	0.56	26.561	0.421	1480.	1.0
233	235.0	6.795	33.876	5.13	0.57	26.562	0.423	1480.	0.9
234	236.0	6.795	33.876	5.13	0.57	26.562	0.425	1480.	0.7
235	237.0	6.796	33.877	5.10	0.58	26.562	0.426	1480.	0.7
236	238.0	6.796	33.876	5.10	0.59	26.562	0.428	1480.	0.7
237	238.9	6.796	33.876	5.11	0.59	26.562	0.429	1480.	0.7
238	239.8	6.795	33.876	5.11	0.60	26.562	0.430	1480.	0.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	30	07 FEB 1987	0223	42°12.1'N	69°53.8'W	169

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.6	5.409	33.049	6.87	0.26	26.082	0.000	1470.	0.2
4	4.0	5.409	33.047	6.88	0.26	26.081	0.003	1470.	0.2
6	6.0	5.416	33.050	6.91	0.26	26.082	0.007	1470.	0.2
8	8.0	5.497	33.070	6.89	0.27	26.089	0.010	1470.	0.2
10	10.0	5.441	33.052	6.94	0.26	26.081	0.014	1470.	0.2
12	12.1	5.491	33.066	6.93	0.27	26.086	0.018	1470.	-0.2
14	14.0	5.500	33.062	6.93	0.27	26.082	0.022	1471.	-0.6
16	16.0	5.497	33.061	6.92	0.27	26.082	0.026	1471.	-0.9
18	18.0	5.497	33.062	6.92	0.27	26.082	0.029	1471.	-0.4
20	20.0	5.513	33.066	6.91	0.27	26.083	0.033	1471.	-0.6
22	22.0	5.525	33.067	6.90	0.27	26.083	0.037	1471.	1.0
24	24.1	5.509	33.063	6.91	0.27	26.081	0.041	1471.	1.3
26	25.9	5.511	33.064	6.91	0.27	26.082	0.045	1471.	1.5
28	28.0	5.554	33.072	6.90	0.26	26.083	0.049	1471.	1.5
30	30.0	5.650	33.096	6.87	0.26	26.091	0.052	1471.	1.6
32	32.0	5.664	33.099	6.87	0.26	26.091	0.056	1472.	1.5
34	33.9	5.671	33.100	6.87	0.26	26.091	0.060	1472.	1.4
36	36.0	5.674	33.100	6.87	0.26	26.091	0.064	1472.	1.1
38	38.0	5.680	33.102	6.87	0.26	26.092	0.068	1472.	0.7
40	40.0	5.685	33.103	6.86	0.26	26.092	0.072	1472.	0.8
42	42.0	5.686	33.103	6.87	0.26	26.092	0.075	1472.	0.9
44	44.0	5.691	33.104	6.87	0.26	26.092	0.079	1472.	0.9
46	45.9	5.701	33.107	6.87	0.26	26.094	0.083	1472.	0.9
48	48.0	5.720	33.112	6.87	0.26	26.095	0.087	1472.	0.9
50	50.0	5.731	33.114	6.86	0.26	26.096	0.091	1472.	0.9
52	52.0	5.732	33.114	6.86	0.26	26.095	0.095	1472.	0.8
54	54.0	5.732	33.114	6.86	0.26	26.096	0.098	1472.	0.7
56	56.1	5.735	33.115	6.86	0.26	26.096	0.102	1472.	0.5
58	58.0	5.739	33.116	6.86	0.26	26.096	0.106	1472.	0.5
60	60.0	5.742	33.117	6.85	0.26	26.096	0.110	1472.	0.6
62	62.0	5.744	33.117	6.86	0.26	26.097	0.114	1472.	0.6
63	64.0	5.744	33.117	6.86	0.26	26.096	0.118	1472.	0.6
65	65.9	5.741	33.117	6.86	0.26	26.096	0.121	1472.	0.7
67	67.9	5.735	33.117	6.87	0.25	26.097	0.125	1472.	0.7
69	70.0	5.730	33.117	6.88	0.25	26.098	0.129	1472.	0.7
71	71.9	5.729	33.117	6.88	0.25	26.098	0.133	1472.	0.7
73	74.1	5.732	33.118	6.88	0.25	26.098	0.137	1473.	0.7
75	75.9	5.729	33.117	6.89	0.25	26.098	0.140	1473.	0.6
77	78.1	5.724	33.116	6.89	0.25	26.098	0.144	1473.	0.6
79	80.0	5.723	33.117	6.89	0.25	26.099	0.148	1473.	0.6
81	81.9	5.723	33.117	6.89	0.25	26.099	0.152	1473.	0.6
83	84.0	5.725	33.117	6.89	0.25	26.099	0.156	1473.	0.7
85	86.0	5.728	33.119	6.89	0.25	26.100	0.160	1473.	0.6
87	87.9	5.729	33.119	6.89	0.25	26.099	0.163	1473.	0.6
89	90.1	5.732	33.120	6.90	0.25	26.100	0.167	1473.	0.8
91	92.0	5.734	33.120	6.90	0.25	26.100	0.171	1473.	0.8
93	94.0	5.736	33.120	6.90	0.25	26.100	0.175	1473.	0.9
95	95.9	5.738	33.122	6.90	0.25	26.101	0.179	1473.	0.9
97	98.0	5.746	33.125	6.90	0.25	26.102	0.183	1473.	1.0
99	100.0	5.752	33.126	6.90	0.24	26.102	0.186	1473.	1.0

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	30	07 FEB 1987	0223	42°12.1'N	69°53.8'W	169

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	5.758	33.128	6.89	0.24	26.103	0.190	1473.	0.9
103	104.0	5.762	33.129	6.89	0.24	26.103	0.194	1473.	0.8
105	106.0	5.770	33.130	6.88	0.24	26.104	0.198	1473.	0.7
107	108.0	5.775	33.132	6.89	0.24	26.104	0.202	1473.	0.6
109	110.0	5.776	33.132	6.88	0.24	26.104	0.206	1473.	0.6
111	112.0	5.776	33.132	6.89	0.24	26.104	0.209	1473.	0.6
113	114.0	5.777	33.132	6.88	0.24	26.104	0.213	1473.	0.7
115	116.1	5.778	33.132	6.88	0.24	26.104	0.217	1473.	0.7
117	118.0	5.780	33.133	6.88	0.24	26.105	0.221	1473.	0.8
119	120.0	5.786	33.135	6.87	0.24	26.106	0.225	1473.	0.9
121	122.0	5.794	33.137	6.87	0.24	26.106	0.228	1474.	0.8
123	124.1	5.798	33.139	6.87	0.23	26.107	0.232	1474.	0.8
125	126.0	5.807	33.141	6.86	0.24	26.108	0.236	1474.	0.7
127	128.0	5.814	33.142	6.85	0.23	26.108	0.240	1474.	0.7
129	130.1	5.810	33.140	6.86	0.23	26.107	0.244	1474.	0.6
131	132.0	5.819	33.143	6.86	0.23	26.108	0.247	1474.	0.5
133	134.0	5.821	33.143	6.86	0.23	26.108	0.251	1474.	0.6
135	136.1	5.821	33.144	6.86	0.23	26.109	0.255	1474.	0.7
137	138.0	5.819	33.143	6.87	0.23	26.108	0.259	1474.	0.7
139	140.0	5.815	33.143	6.88	0.23	26.109	0.263	1474.	0.6
141	142.0	5.820	33.145	6.88	0.23	26.109	0.267	1474.	0.6
143	143.9	5.824	33.146	6.87	0.23	26.109	0.270	1474.	0.6
145	146.0	5.828	33.146	6.88	0.24	26.109	0.274	1474.	0.6
147	148.0	5.832	33.147	6.87	0.24	26.109	0.278	1474.	0.4
149	149.9	5.837	33.148	6.87	0.25	26.110	0.282	1474.	0.3
151	151.9	5.839	33.149	6.86	0.26	26.110	0.286	1474.	0.2
152	153.3	5.838	33.148	6.87	0.27	26.109	0.288	1474.	0.1
153	153.9	5.838	33.148	6.87	0.27	26.110	0.289	1474.	0.3
154	155.0	5.839	33.148	6.86	0.27	26.110	0.291	1474.	0.7
155	156.0	5.839	33.148	6.86	0.28	26.109	0.293	1474.	1.2
156	157.0	5.839	33.149	6.86	0.29	26.110	0.295	1474.	1.5
157	158.0	5.839	33.149	6.86	0.31	26.110	0.297	1474.	1.6
158	159.1	5.849	33.153	6.84	0.40	26.112	0.299	1474.	1.6
159	160.0	5.868	33.158	6.83	0.44	26.114	0.301	1475.	1.6
160	160.9	5.872	33.160	6.82	0.47	26.115	0.303	1475.	1.6
161	161.8	5.876	33.161	6.82	0.49	26.115	0.304	1475.	1.6

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	31	07 FEB 1987	0312	42°09.2'N	69°57.4'W	139

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.4	5.184	32.994	7.02	0.28	26.064	0.000	1469.	-0.5
4	4.0	5.183	32.994	7.03	0.28	26.064	0.003	1469.	-0.5
6	6.0	5.180	32.993	7.05	0.28	26.064	0.007	1469.	-0.5
8	7.9	5.179	32.994	7.06	0.28	26.065	0.011	1469.	-0.5
10	10.0	5.180	32.993	7.07	0.28	26.064	0.015	1469.	-0.5
12	12.1	5.183	32.993	7.07	0.28	26.064	0.019	1469.	-0.6
14	14.0	5.183	32.993	7.08	0.28	26.064	0.022	1469.	-0.7
16	16.0	5.187	32.993	7.08	0.28	26.064	0.026	1469.	-0.7
18	18.0	5.196	32.993	7.08	0.28	26.063	0.030	1469.	-0.7
20	20.1	5.196	32.993	7.07	0.28	26.063	0.034	1469.	-0.7
22	22.0	5.198	32.993	7.09	0.28	26.062	0.038	1469.	-0.6
24	24.0	5.200	32.993	7.09	0.28	26.062	0.042	1469.	-0.5
26	26.0	5.198	32.993	7.10	0.28	26.062	0.046	1469.	-0.2
28	28.0	5.195	32.992	7.11	0.28	26.062	0.050	1469.	-0.2
30	30.1	5.195	32.992	7.10	0.28	26.062	0.054	1469.	0.3
32	32.0	5.196	32.993	7.10	0.28	26.062	0.057	1469.	0.5
34	33.9	5.198	32.993	7.10	0.28	26.062	0.061	1470.	0.6
36	36.1	5.208	32.994	7.09	0.28	26.062	0.065	1470.	0.6
38	38.0	5.220	32.997	7.09	0.28	26.063	0.069	1470.	0.6
40	40.0	5.222	32.998	7.09	0.28	26.063	0.073	1470.	0.6
42	41.9	5.224	32.999	7.09	0.27	26.064	0.077	1470.	0.5
44	44.0	5.224	32.999	7.09	0.27	26.064	0.081	1470.	0.5
46	46.0	5.223	32.998	7.09	0.27	26.063	0.084	1470.	0.4
48	48.0	5.222	32.998	7.09	0.27	26.063	0.088	1470.	0.4
50	49.9	5.223	32.999	7.08	0.27	26.064	0.092	1470.	0.4
52	51.9	5.230	33.000	7.09	0.27	26.064	0.096	1470.	0.4
54	54.0	5.231	33.000	7.09	0.27	26.064	0.100	1470.	0.4
56	56.0	5.235	33.001	7.09	0.27	26.064	0.104	1470.	0.4
57	57.9	5.235	33.001	7.10	0.27	26.064	0.108	1470.	0.3
59	59.9	5.240	33.002	7.10	0.27	26.064	0.111	1470.	0.3
62	62.0	5.242	33.002	7.10	0.27	26.064	0.116	1470.	0.3
63	64.0	5.240	33.001	7.10	0.27	26.064	0.119	1470.	0.3
65	65.9	5.240	33.002	7.10	0.27	26.064	0.123	1470.	0.4
68	68.1	5.244	33.002	7.10	0.27	26.064	0.127	1470.	0.6
69	70.0	5.243	33.002	7.10	0.27	26.064	0.131	1470.	0.7
71	72.0	5.245	33.003	7.10	0.27	26.064	0.135	1470.	0.7
73	74.0	5.246	33.004	7.10	0.27	26.065	0.139	1470.	0.6
76	76.2	5.256	33.006	7.10	0.28	26.066	0.143	1470.	0.8
77	78.0	5.264	33.007	7.10	0.28	26.066	0.147	1471.	0.9
79	80.0	5.267	33.008	7.10	0.27	26.066	0.151	1471.	1.0
81	82.0	5.269	33.007	7.10	0.27	26.065	0.154	1471.	1.1
83	84.1	5.289	33.013	7.09	0.28	26.068	0.158	1471.	1.2
85	86.0	5.327	33.022	7.07	0.27	26.070	0.162	1471.	1.3
87	88.0	5.334	33.022	7.07	0.27	26.069	0.166	1471.	1.3
89	90.1	5.347	33.026	7.06	0.27	26.071	0.170	1471.	1.3
91	92.0	5.365	33.030	7.05	0.27	26.072	0.174	1471.	1.2
93	94.1	5.387	33.035	7.05	0.27	26.073	0.178	1471.	1.1
95	95.9	5.399	33.037	7.05	0.27	26.074	0.181	1471.	1.0
97	97.8	5.412	33.040	7.04	0.27	26.075	0.185	1472.	0.8
99	100.0	5.420	33.042	7.03	0.28	26.075	0.189	1472.	0.6

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	31	07 FEB 1987	0312	42°09.2'N	69°57.4'W	139

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	101.9	5.422	33.042	7.03	0.28	26.075	0.193	1472.	0.5
103	104.1	5.421	33.041	7.04	0.27	26.074	0.197	1472.	0.4
105	106.0	5.420	33.041	7.04	0.27	26.074	0.201	1472.	0.3
107	108.1	5.423	33.042	7.04	0.28	26.075	0.205	1472.	0.3
109	110.1	5.427	33.043	7.04	0.28	26.075	0.209	1472.	0.4
111	112.0	5.427	33.043	7.04	0.28	26.075	0.213	1472.	0.4
113	114.0	5.428	33.043	7.03	0.28	26.075	0.216	1472.	0.3
115	116.0	5.428	33.043	7.04	0.28	26.075	0.220	1472.	-0.1
117	118.0	5.428	33.043	7.04	0.28	26.075	0.224	1472.	-0.1
119	120.0	5.427	33.042	7.04	0.28	26.075	0.228	1472.	-0.2
121	122.0	5.428	33.043	7.04	0.28	26.075	0.232	1472.	-0.1
123	124.0	5.429	33.043	7.04	0.28	26.075	0.236	1472.	0.2
124	125.3	5.430	33.043	7.04	0.28	26.075	0.238	1472.	0.3
125	126.0	5.431	33.043	7.04	0.28	26.075	0.240	1472.	0.3
126	127.0	5.431	33.043	7.04	0.28	26.075	0.242	1472.	0.3
127	128.0	5.431	33.044	7.03	0.28	26.075	0.244	1472.	0.4
128	129.0	5.432	33.043	7.03	0.28	26.075	0.245	1472.	0.4
129	130.0	5.433	33.044	7.03	0.28	26.075	0.247	1472.	0.2
130	131.1	5.433	33.044	7.03	0.28	26.075	0.249	1472.	0.2
131	132.0	5.433	33.044	7.03	0.28	26.075	0.251	1472.	0.2
132	133.0	5.433	33.044	7.04	0.28	26.075	0.253	1472.	0.2
133	133.9	5.433	33.043	7.03	0.28	26.075	0.255	1472.	0.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	32	07 FEB 1987	0358	42°06.0'N	70°01.4'W	62

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.6	3.698	32.526	7.60	0.36	25.848	0.000	1462.	7.1
4	4.0	3.704	32.525	7.60	0.36	25.847	0.003	1462.	7.1
6	6.0	3.704	32.527	7.62	0.35	25.848	0.007	1462.	7.1
8	8.0	3.712	32.530	7.63	0.36	25.850	0.012	1462.	7.1
10	10.0	3.893	32.622	7.56	0.33	25.905	0.016	1463.	7.1
12	12.0	4.358	32.780	7.36	0.30	25.984	0.020	1465.	7.1
14	14.0	4.575	32.858	7.26	0.27	26.024	0.024	1466.	6.7
16	16.0	4.670	32.890	7.20	0.24	26.039	0.028	1467.	6.0
18	18.0	4.736	32.908	7.16	0.24	26.046	0.032	1467.	4.7
20	20.0	4.779	32.916	7.14	0.24	26.048	0.036	1467.	3.1
22	22.0	4.802	32.918	7.14	0.24	26.046	0.040	1468.	2.0
24	24.0	4.826	32.924	7.15	0.25	26.049	0.044	1468.	1.4
26	25.9	4.844	32.927	7.14	0.25	26.050	0.047	1468.	1.2
28	28.0	4.868	32.934	7.13	0.25	26.052	0.051	1468.	1.2
30	30.0	4.870	32.931	7.13	0.25	26.050	0.055	1468.	1.2
32	32.0	4.886	32.936	7.13	0.25	26.052	0.059	1468.	1.1
34	33.9	4.906	32.941	7.13	0.25	26.054	0.063	1468.	1.0
36	36.0	4.912	32.942	7.13	0.25	26.054	0.067	1468.	0.9
38	38.0	4.913	32.942	7.11	0.25	26.054	0.071	1468.	0.9
40	40.1	4.913	32.943	7.13	0.25	26.054	0.075	1468.	0.8
42	42.1	4.915	32.944	7.14	0.25	26.055	0.079	1468.	0.7
44	44.0	4.914	32.944	7.14	0.25	26.055	0.083	1468.	0.7
46	46.1	4.914	32.944	7.15	0.25	26.055	0.087	1469.	0.7
48	48.0	4.914	32.944	7.15	0.25	26.055	0.090	1469.	0.7
49	49.3	4.917	32.945	7.16	0.25	26.056	0.093	1469.	0.8
50	50.0	4.918	32.945	7.16	0.25	26.056	0.094	1469.	0.7
51	51.0	4.919	32.946	7.16	0.25	26.056	0.096	1469.	0.7
52	52.0	4.928	32.948	7.16	0.25	26.057	0.098	1469.	0.7
53	53.0	4.928	32.948	7.16	0.25	26.056	0.100	1469.	0.5
54	54.1	4.928	32.947	7.16	0.25	26.056	0.102	1469.	0.3
55	55.0	4.929	32.947	7.16	0.25	26.056	0.104	1469.	-0.4
56	56.0	4.935	32.950	7.15	0.25	26.057	0.106	1469.	-0.4
57	57.0	4.934	32.948	7.15	0.25	26.056	0.108	1469.	-0.4
58	58.0	4.934	32.948	7.16	0.25	26.056	0.110	1469.	-0.4
58	58.6	4.937	32.948	7.16	0.25	26.056	0.111	1469.	-0.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	33	07 FEB 1987	1920	42°22.9'N	70°56.1'W	17

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.1	2.672	32.181	7.75	0.58	25.662	0.000	1457.	5.1
4	4.1	2.674	32.283	7.68	0.54	25.744	0.004	1458.	5.1
5	5.3	2.717	32.305	7.65	0.51	25.758	0.007	1458.	5.1
6	6.0	2.723	32.306	7.63	0.50	25.758	0.009	1458.	5.1
7	7.0	2.731	32.307	7.63	0.49	25.759	0.011	1458.	5.1
8	8.0	2.745	32.312	7.65	0.49	25.761	0.013	1458.	2.3
9	9.0	2.764	32.315	7.65	0.49	25.762	0.016	1458.	1.4
10	10.0	2.771	32.316	7.64	0.49	25.762	0.018	1458.	1.2
11	11.0	2.776	32.316	7.64	0.48	25.762	0.020	1458.	1.2
12	12.0	2.780	32.316	7.63	0.48	25.762	0.022	1458.	1.2
13	13.1	2.783	32.317	7.62	0.49	25.762	0.025	1458.	1.2
13	13.5	2.787	32.317	7.62	0.48	25.762	0.026	1458.	1.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	34	07 FEB 1987	1948	42°23.5'N	70°54.4'W	25

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.4	2.710	32.175	7.65	0.62	25.655	0.000	1458.	5.2
4	4.0	2.750	32.273	7.63	0.61	25.729	0.004	1458.	5.2
6	5.9	2.833	32.337	7.61	0.59	25.774	0.008	1458.	5.2
8	7.9	2.903	32.353	7.58	0.56	25.780	0.012	1459.	5.2
10	9.9	2.991	32.370	7.53	0.53	25.787	0.017	1459.	5.2
11	11.2	3.091	32.380	7.47	0.52	25.787	0.020	1460.	3.4
12	12.0	3.099	32.376	7.47	0.51	25.783	0.021	1460.	1.7
13	13.0	3.108	32.378	7.46	0.51	25.783	0.024	1460.	1.0
14	14.0	3.146	32.388	7.44	0.50	25.788	0.026	1460.	0.9
15	14.9	3.173	32.387	7.43	0.50	25.784	0.028	1460.	1.3
16	16.0	3.189	32.390	7.42	0.50	25.786	0.030	1460.	1.5
17	17.0	3.197	32.391	7.41	0.49	25.786	0.032	1460.	1.2
18	18.0	3.220	32.398	7.40	0.48	25.789	0.035	1460.	0.7
19	19.0	3.237	32.399	7.40	0.48	25.789	0.037	1460.	0.7
20	20.0	3.245	32.400	7.39	0.48	25.789	0.039	1460.	0.7
21	21.0	3.242	32.396	7.39	0.48	25.786	0.041	1460.	0.7
22	21.8	3.231	32.395	7.40	0.49	25.786	0.043	1460.	0.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	35	07 FEB 1987	2021	42°23.5'N	70°50.1'W	36

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
1	0.9	3.494	32.465	7.31	0.31	25.818	0.000	1461.	1.6
2	1.8	3.501	32.465	7.29	0.32	25.817	0.002	1461.	1.6
4	4.0	3.501	32.463	7.31	0.32	25.816	0.007	1461.	1.6
6	6.1	3.483	32.459	7.35	0.32	25.814	0.011	1461.	1.6
8	8.0	3.417	32.463	7.39	0.31	25.823	0.015	1461.	1.6
10	9.9	3.415	32.465	7.39	0.31	25.825	0.020	1461.	1.7
12	12.0	3.418	32.466	7.40	0.31	25.826	0.024	1461.	1.6
14	14.0	3.427	32.468	7.40	0.31	25.827	0.028	1461.	1.4
16	16.0	3.435	32.470	7.40	0.32	25.827	0.033	1461.	1.0
18	18.0	3.442	32.471	7.39	0.33	25.828	0.037	1461.	0.8
20	20.0	3.444	32.472	7.39	0.36	25.828	0.041	1461.	0.7
21	21.3	3.445	32.471	7.38	0.36	25.828	0.044	1461.	0.6
22	22.0	3.444	32.472	7.38	0.36	25.828	0.046	1461.	0.5
23	23.0	3.443	32.472	7.38	0.37	25.828	0.048	1461.	0.5
24	24.0	3.444	32.472	7.37	0.38	25.828	0.050	1461.	0.5
25	25.0	3.444	32.472	7.37	0.38	25.829	0.052	1461.	0.6
26	26.0	3.444	32.472	7.37	0.39	25.828	0.054	1461.	0.7
27	27.0	3.444	32.472	7.37	0.38	25.828	0.056	1461.	0.7
28	28.0	3.444	32.472	7.36	0.40	25.828	0.059	1461.	0.7
29	29.0	3.447	32.473	7.35	0.47	25.829	0.061	1462.	0.7
30	30.0	3.452	32.475	7.32	0.52	25.829	0.063	1462.	0.7
31	31.1	3.455	32.474	7.31	0.53	25.829	0.065	1462.	0.7
32	31.8	3.457	32.475	7.30	0.54	25.829	0.067	1462.	0.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	36	07 FEB 1987	2054	42°23.4'N	70°44.9'W	47

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.2	3.729	32.489	7.26	0.25	25.815	0.000	1462.	2.1
4	4.0	3.703	32.488	7.24	0.26	25.817	0.004	1462.	2.1
6	6.0	3.652	32.494	7.29	0.27	25.827	0.008	1462.	2.1
8	7.9	3.585	32.493	7.34	0.28	25.832	0.012	1462.	2.1
10	10.0	3.550	32.492	7.35	0.28	25.835	0.017	1462.	2.1
12	12.0	3.535	32.492	7.36	0.28	25.836	0.021	1462.	1.7
14	14.0	3.527	32.492	7.36	0.28	25.836	0.026	1462.	1.3
16	16.0	3.527	32.492	7.36	0.28	25.837	0.030	1462.	1.0
18	18.0	3.529	32.492	7.35	0.28	25.837	0.034	1462.	0.9
20	20.3	3.531	32.493	7.35	0.29	25.837	0.039	1462.	0.8
22	22.2	3.527	32.493	7.35	0.28	25.837	0.043	1462.	0.6
24	23.8	3.524	32.495	7.37	0.29	25.839	0.047	1462.	0.6
26	26.0	3.521	32.495	7.38	0.30	25.839	0.051	1462.	0.6
28	28.0	3.522	32.492	7.37	0.30	25.837	0.056	1462.	0.2
29	29.3	3.522	32.492	7.37	0.30	25.837	0.059	1462.	-0.4
30	30.1	3.522	32.493	7.37	0.30	25.838	0.060	1462.	0.5
31	31.1	3.524	32.494	7.37	0.30	25.838	0.062	1462.	0.8
32	32.0	3.539	32.494	7.37	0.30	25.837	0.064	1462.	1.6
33	33.0	3.538	32.495	7.36	0.31	25.838	0.066	1462.	1.9
34	34.0	3.533	32.500	7.36	0.30	25.842	0.069	1462.	2.3
35	35.0	3.550	32.498	7.35	0.31	25.839	0.071	1462.	2.6
36	36.0	3.585	32.511	7.33	0.31	25.846	0.073	1462.	2.6
37	37.0	3.623	32.516	7.31	0.31	25.847	0.075	1462.	2.6
38	38.1	3.651	32.526	7.30	0.33	25.852	0.077	1463.	2.6
38	38.7	3.667	32.530	7.29	0.35	25.854	0.079	1463.	2.6

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	37	07 FEB 1987	2127	42°23.5'N	70°39.9'W	76

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	1.8	3.897	32.545	7.13	0.30	25.843	0.000	1463.	1.6
4	4.0	3.841	32.543	7.17	0.31	25.848	0.005	1463.	1.6
6	6.0	3.806	32.544	7.21	0.32	25.852	0.009	1463.	1.6
8	8.0	3.793	32.544	7.58	0.32	25.853	0.013	1463.	1.6
10	10.0	3.786	32.546	7.71	0.32	25.855	0.018	1463.	1.6
12	12.1	3.775	32.546	7.72	0.32	25.857	0.022	1463.	1.4
14	14.0	3.776	32.547	7.72	0.32	25.857	0.026	1463.	1.1
16	16.1	3.776	32.548	7.82	0.32	25.858	0.030	1463.	1.0
18	18.0	3.777	32.548	7.84	0.32	25.858	0.034	1463.	0.9
20	20.0	3.775	32.548	7.83	0.32	25.858	0.039	1463.	1.0
22	21.9	3.776	32.549	7.82	0.32	25.858	0.043	1463.	0.9
24	24.0	3.780	32.551	7.80	0.32	25.859	0.047	1463.	0.8
26	26.0	3.777	32.552	7.79	0.33	25.861	0.052	1463.	0.8
28	28.1	3.761	32.551	7.78	0.33	25.861	0.056	1463.	0.9
30	30.0	3.745	32.547	7.77	0.33	25.860	0.060	1463.	1.0
32	32.0	3.715	32.543	7.75	0.34	25.860	0.064	1463.	1.0
34	34.0	3.686	32.542	7.75	0.34	25.862	0.069	1463.	1.1
36	36.0	3.681	32.543	7.74	0.33	25.863	0.073	1463.	1.4
38	38.0	3.683	32.545	7.72	0.34	25.864	0.077	1463.	1.6
40	40.0	3.688	32.546	7.70	0.34	25.865	0.081	1463.	1.6
42	42.0	3.694	32.550	7.68	0.35	25.867	0.086	1463.	1.6
44	44.0	3.718	32.556	7.65	0.35	25.870	0.090	1463.	2.2
46	46.1	3.740	32.563	7.63	0.35	25.873	0.094	1463.	2.6
48	48.0	3.769	32.566	7.61	0.36	25.873	0.098	1463.	2.9
50	50.0	3.777	32.569	7.59	0.36	25.874	0.103	1463.	3.2
52	52.0	3.931	32.615	7.52	0.41	25.896	0.107	1464.	3.3
54	54.0	4.071	32.636	7.46	0.44	25.899	0.111	1465.	3.4
56	56.1	4.159	32.662	7.41	0.47	25.911	0.115	1465.	3.4
57	57.3	4.163	32.665	7.40	0.49	25.913	0.118	1465.	3.1
58	58.0	4.178	32.666	7.04	0.51	25.912	0.119	1465.	2.2
59	59.0	4.180	32.665	6.95	0.52	25.911	0.121	1465.	1.6
60	60.0	4.182	32.665	6.94	0.53	25.911	0.124	1465.	1.0
60	61.0	4.184	32.665	6.93	0.54	25.911	0.126	1465.	1.9
62	62.0	4.183	32.666	6.93	0.56	25.911	0.128	1465.	2.9
63	63.0	4.186	32.666	6.93	0.58	25.912	0.130	1465.	3.4
64	64.0	4.199	32.675	6.92	0.61	25.917	0.132	1466.	3.4
64	65.0	4.231	32.689	6.92	0.68	25.925	0.134	1466.	3.4
65	65.8	4.321	32.719	6.89	0.79	25.940	0.136	1466.	3.4
66	66.7	4.364	32.719	6.88	0.82	25.936	0.138	1466.	3.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	38	07 FEB 1987	2202	42°23.4'N	70°34.9'W	89

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	1.9	3.106	32.116	8.00	0.58	25.575	0.000	1459.	6.0
4	4.1	3.092	32.112	7.98	0.61	25.572	0.005	1459.	6.0
6	5.9	3.033	32.114	8.03	0.65	25.579	0.010	1459.	6.0
8	8.1	3.001	32.142	8.06	0.64	25.604	0.015	1459.	6.0
10	10.0	3.027	32.185	8.06	0.64	25.636	0.019	1459.	6.0
12	12.0	2.970	32.204	8.09	0.64	25.656	0.024	1459.	6.5
14	14.0	2.993	32.238	8.08	0.61	25.681	0.028	1459.	6.6
16	16.1	3.123	32.295	8.01	0.58	25.716	0.033	1460.	6.5
18	18.0	3.275	32.355	7.93	0.53	25.750	0.038	1460.	6.2
20	20.0	3.494	32.411	7.83	0.49	25.775	0.042	1461.	5.8
22	21.9	3.607	32.443	7.78	0.44	25.790	0.046	1462.	5.2
24	24.0	3.715	32.483	7.73	0.39	25.812	0.051	1463.	4.7
26	26.0	3.754	32.493	7.70	0.36	25.816	0.055	1463.	4.1
28	28.0	3.758	32.496	7.69	0.34	25.818	0.060	1463.	3.8
30	30.0	3.734	32.500	7.70	0.32	25.823	0.064	1463.	3.5
32	32.0	3.740	32.521	7.70	0.31	25.840	0.068	1463.	3.5
34	34.0	3.760	32.531	7.70	0.31	25.846	0.073	1463.	3.7
36	36.1	3.786	32.542	7.69	0.31	25.852	0.077	1463.	3.6
38	37.9	3.804	32.550	7.68	0.31	25.857	0.081	1463.	3.4
40	40.1	3.926	32.588	7.62	0.31	25.875	0.086	1464.	3.3
42	42.0	3.994	32.604	7.59	0.31	25.881	0.090	1464.	3.6
44	43.9	4.012	32.604	7.59	0.31	25.880	0.094	1464.	3.9
46	46.0	4.017	32.605	7.58	0.31	25.880	0.098	1464.	4.1
48	48.0	4.087	32.634	7.55	0.31	25.896	0.102	1465.	4.1
50	50.0	4.302	32.700	7.46	0.31	25.926	0.106	1466.	4.2
52	52.0	4.405	32.726	7.42	0.30	25.936	0.111	1466.	4.2
54	54.0	4.459	32.742	7.39	0.27	25.944	0.115	1467.	4.0
56	56.0	4.477	32.752	7.38	0.27	25.950	0.119	1467.	3.6
57	57.9	4.505	32.764	7.37	0.26	25.957	0.123	1467.	3.2
59	59.9	4.545	32.777	7.35	0.26	25.963	0.127	1467.	3.2
61	61.9	4.597	32.790	7.33	0.27	25.967	0.131	1467.	3.3
63	64.0	4.629	32.798	7.32	0.27	25.970	0.135	1467.	3.3
65	65.9	4.681	32.819	7.30	0.27	25.982	0.139	1468.	3.2
67	68.0	4.769	32.849	7.26	0.28	25.996	0.143	1468.	3.1
70	70.1	4.830	32.866	7.23	0.34	26.002	0.147	1468.	2.9
71	71.9	4.847	32.868	7.22	0.38	26.002	0.151	1469.	2.6
73	74.0	4.852	32.868	7.21	0.41	26.002	0.155	1469.	2.0
75	75.2	4.853	32.869	7.20	0.42	26.002	0.158	1469.	1.0
75	75.9	4.854	32.868	7.19	0.42	26.002	0.159	1469.	-0.4
76	77.0	4.855	32.869	7.17	0.44	26.002	0.161	1469.	-0.3
77	78.0	4.856	32.869	7.17	0.47	26.002	0.163	1469.	-0.4
78	79.0	4.858	32.869	7.16	0.48	26.002	0.165	1469.	-0.5
79	80.0	4.858	32.869	7.13	0.48	26.002	0.167	1469.	-0.4
80	81.0	4.859	32.869	7.10	0.49	26.002	0.169	1469.	-0.4
81	82.1	4.859	32.869	7.08	0.50	26.002	0.171	1469.	-0.4
82	83.0	4.859	32.869	7.08	0.50	26.002	0.173	1469.	-0.4
83	84.0	4.860	32.869	7.07	0.50	26.002	0.175	1469.	-0.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	39	07 FEB 1987	2241	42°23.4'N	70°29.8'W	91

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.0	3.411	32.388	7.81	0.51	25.765	0.000	1461.	5.3
4	4.0	3.410	32.386	7.82	0.51	25.763	0.004	1461.	5.3
6	6.1	3.414	32.391	7.84	0.51	25.767	0.009	1461.	5.3
8	8.0	3.445	32.428	7.84	0.51	25.793	0.013	1461.	5.3
10	10.0	3.488	32.460	7.82	0.49	25.815	0.018	1461.	5.3
12	12.0	3.537	32.496	7.81	0.47	25.839	0.022	1462.	5.4
13	13.3	3.577	32.525	7.79	0.45	25.858	0.025	1462.	5.2
16	16.1	3.753	32.570	7.71	0.41	25.877	0.031	1463.	4.7
18	18.0	3.835	32.594	7.68	0.38	25.888	0.035	1463.	4.3
20	19.9	3.911	32.608	7.65	0.37	25.893	0.039	1463.	3.9
22	21.9	3.959	32.623	7.62	0.37	25.900	0.043	1464.	3.5
24	23.9	3.992	32.639	7.60	0.36	25.910	0.047	1464.	3.2
26	26.0	4.002	32.647	7.59	0.36	25.915	0.051	1464.	2.9
28	28.0	4.046	32.665	7.57	0.34	25.925	0.055	1464.	2.6
30	30.1	4.110	32.676	7.54	0.34	25.927	0.060	1465.	2.6
32	32.1	4.115	32.675	7.54	0.34	25.925	0.064	1465.	2.7
34	33.9	4.104	32.674	7.54	0.34	25.926	0.068	1465.	2.8
36	36.0	4.113	32.678	7.54	0.35	25.928	0.072	1465.	2.9
38	38.0	4.189	32.708	7.51	0.34	25.944	0.076	1465.	3.1
40	40.0	4.252	32.728	7.49	0.33	25.954	0.080	1465.	3.2
42	42.0	4.327	32.744	7.45	0.33	25.959	0.084	1466.	3.1
44	44.0	4.331	32.750	7.45	0.33	25.963	0.088	1466.	2.9
46	46.0	4.360	32.760	7.44	0.33	25.968	0.093	1466.	2.4
48	48.0	4.373	32.764	7.43	0.33	25.970	0.097	1466.	2.2
50	50.0	4.394	32.770	7.42	0.32	25.973	0.101	1466.	2.0
52	52.0	4.407	32.774	7.42	0.32	25.974	0.105	1466.	1.9
54	54.0	4.436	32.781	7.41	0.32	25.977	0.109	1466.	1.7
56	56.0	4.470	32.787	7.40	0.32	25.978	0.113	1467.	1.6
57	57.9	4.508	32.796	7.38	0.31	25.981	0.117	1467.	1.4
60	60.0	4.567	32.805	7.35	0.30	25.983	0.121	1467.	1.6
61	61.9	4.587	32.807	7.35	0.30	25.982	0.125	1467.	1.9
64	64.0	4.598	32.809	7.34	0.30	25.983	0.129	1467.	2.2
65	66.0	4.584	32.808	7.35	0.32	25.983	0.133	1467.	2.4
67	68.0	4.576	32.819	7.35	0.34	25.993	0.137	1467.	2.7
69	70.0	4.609	32.835	7.34	0.35	26.002	0.141	1468.	2.8
71	72.1	4.620	32.840	7.33	0.36	26.005	0.145	1468.	2.9
73	74.0	4.630	32.844	7.33	0.37	26.007	0.149	1468.	2.8
75	76.1	4.665	32.860	7.31	0.39	26.015	0.153	1468.	2.5
77	77.2	4.691	32.866	7.30	0.40	26.018	0.155	1468.	2.3
77	78.0	4.697	32.866	7.30	0.41	26.017	0.157	1468.	2.1
78	79.0	4.701	32.866	7.29	0.41	26.017	0.159	1468.	1.8
79	80.1	4.704	32.867	7.27	0.42	26.017	0.161	1468.	1.3
80	81.0	4.708	32.868	7.26	0.44	26.018	0.163	1468.	1.2
81	82.0	4.714	32.871	7.25	0.48	26.019	0.165	1468.	1.2
82	83.0	4.719	32.873	7.25	0.51	26.020	0.167	1468.	1.2
83	83.9	4.719	32.873	7.25	0.51	26.020	0.169	1468.	1.2
84	85.1	4.719	32.872	7.26	0.51	26.020	0.171	1468.	1.2
85	85.6	4.718	32.873	7.26	0.52	26.020	0.172	1468.	1.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	40	07 FEB 1987	2319	42°23.5'N	70°24.8'W	31

DEPTH m	PRESS dbar	TEMP. °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.4	3.969	32.620	7.57	0.39	25.896	0.000	1463.	4.8
4	3.9	4.032	32.646	7.52	0.37	25.911	0.003	1464.	4.8
6	6.0	4.120	32.659	7.48	0.36	25.912	0.008	1464.	4.8
8	8.0	4.257	32.716	7.42	0.34	25.944	0.012	1465.	4.8
10	10.1	4.323	32.731	7.41	0.33	25.949	0.016	1465.	4.8
12	12.0	4.413	32.764	7.38	0.32	25.966	0.020	1466.	4.7
14	14.0	4.491	32.786	7.36	0.31	25.976	0.024	1466.	4.8
16	16.0	4.601	32.834	7.32	0.30	26.002	0.028	1467.	4.9
18	18.0	4.679	32.852	7.30	0.29	26.007	0.032	1467.	5.1
19	19.2	4.734	32.861	7.29	0.28	26.009	0.034	1467.	5.1
20	19.9	4.789	32.893	7.26	0.28	26.028	0.036	1468.	5.1
21	21.1	4.848	32.929	7.23	0.27	26.051	0.038	1468.	4.7
22	21.9	4.868	32.930	7.23	0.27	26.049	0.040	1468.	4.5
23	23.1	4.882	32.936	7.22	0.27	26.052	0.042	1468.	3.9
24	23.9	4.888	32.938	7.22	0.27	26.053	0.044	1468.	3.9
25	25.0	4.890	32.938	7.22	0.27	26.053	0.046	1468.	3.9
26	26.0	4.898	32.943	7.22	0.27	26.056	0.048	1468.	3.9
27	26.7	4.902	32.944	7.21	0.27	26.057	0.049	1468.	3.9

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	41	08 FEB 1987	0018	42°24.9'N	70°14.1'W	67

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	1.9	5.137	32.991	7.11	0.23	26.068	0.000	1469.	0.7
4	4.1	5.138	32.992	7.12	0.23	26.068	0.004	1469.	0.7
6	6.0	5.137	32.992	7.13	0.23	26.068	0.008	1469.	0.7
8	8.0	5.138	32.992	7.13	0.23	26.068	0.012	1469.	0.7
10	10.0	5.138	32.992	7.15	0.23	26.068	0.016	1469.	0.7
12	12.0	5.132	32.991	7.15	0.23	26.068	0.020	1469.	0.9
14	14.0	5.123	32.991	7.15	0.23	26.069	0.023	1469.	1.0
16	16.0	5.114	32.990	7.15	0.23	26.069	0.027	1469.	1.1
18	18.0	5.099	32.990	7.15	0.23	26.071	0.031	1469.	1.1
20	20.0	5.089	32.990	7.16	0.23	26.072	0.035	1469.	1.1
22	22.0	5.082	32.989	7.15	0.23	26.072	0.039	1469.	1.0
24	24.0	5.077	32.989	7.15	0.23	26.073	0.043	1469.	0.9
26	25.9	5.075	32.989	7.15	0.23	26.073	0.047	1469.	0.7
28	28.0	5.072	32.989	7.16	0.23	26.073	0.050	1469.	0.7
30	30.1	5.070	32.989	7.16	0.23	26.073	0.054	1469.	0.6
32	32.0	5.069	32.989	7.17	0.23	26.073	0.058	1469.	0.5
34	34.0	5.065	32.989	7.16	0.23	26.074	0.062	1469.	0.5
36	36.0	5.063	32.989	7.16	0.23	26.074	0.066	1469.	0.4
38	37.9	5.063	32.989	7.16	0.23	26.074	0.070	1469.	0.4
40	40.0	5.066	32.989	7.16	0.23	26.074	0.074	1469.	0.4
42	42.0	5.063	32.989	7.16	0.23	26.074	0.078	1469.	0.3
44	44.0	5.063	32.989	7.16	0.23	26.074	0.081	1469.	0.4
46	46.0	5.063	32.989	7.16	0.23	26.074	0.085	1469.	0.4
48	48.0	5.063	32.989	7.17	0.23	26.074	0.089	1469.	0.3
50	50.0	5.064	32.989	7.17	0.23	26.074	0.093	1469.	0.2
52	52.0	5.064	32.989	7.17	0.23	26.074	0.097	1469.	0.1
53	53.3	5.064	32.989	7.17	0.23	26.074	0.099	1469.	0.1
54	54.0	5.064	32.989	7.16	0.23	26.074	0.101	1469.	0.2
55	55.0	5.064	32.989	7.17	0.23	26.074	0.103	1469.	0.3
56	56.0	5.063	32.989	7.17	0.23	26.074	0.105	1469.	0.5
57	57.0	5.063	32.989	7.18	0.23	26.074	0.106	1469.	0.5
58	58.0	5.062	32.989	7.18	0.23	26.074	0.108	1469.	0.6
59	59.0	5.060	32.989	7.18	0.23	26.074	0.110	1469.	0.6
60	60.1	5.060	32.989	7.17	0.23	26.075	0.112	1469.	0.6
61	61.0	5.060	32.989	7.16	0.23	26.074	0.114	1469.	0.6
62	62.0	5.060	32.989	7.17	0.23	26.075	0.116	1469.	0.6

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	42	08 FEB 1987	0141	42°26.9'N	70°00.1'W	191

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.4	5.176	32.993	7.03	0.21	26.065	0.000	1469.	-0.5
4	4.0	5.177	32.993	7.05	0.21	26.064	0.003	1469.	-0.5
6	6.0	5.177	32.992	7.05	0.22	26.064	0.007	1469.	-0.5
8	7.9	5.179	32.993	7.07	0.22	26.064	0.011	1469.	-0.5
10	10.0	5.181	32.993	7.09	0.22	26.064	0.015	1469.	-0.5
12	12.0	5.184	32.993	7.07	0.22	26.064	0.019	1469.	0.3
14	14.0	5.188	32.993	7.07	0.22	26.063	0.022	1469.	0.7
16	16.0	5.192	32.994	7.08	0.22	26.063	0.026	1469.	0.9
18	18.0	5.191	32.994	7.08	0.22	26.064	0.030	1469.	1.0
20	20.0	5.216	33.000	7.07	0.22	26.066	0.034	1469.	1.2
22	22.0	5.258	33.008	7.05	0.23	26.067	0.038	1470.	1.3
24	24.0	5.281	33.011	7.05	0.23	26.067	0.042	1470.	1.3
26	26.0	5.292	33.014	7.05	0.24	26.068	0.046	1470.	1.3
28	28.0	5.313	33.019	7.04	0.29	26.070	0.050	1470.	1.3
30	30.0	5.332	33.023	7.03	0.26	26.071	0.053	1470.	1.2
32	32.1	5.336	33.026	7.03	0.22	26.072	0.058	1470.	1.2
34	34.0	5.344	33.028	7.03	0.23	26.073	0.061	1470.	1.1
36	36.0	5.348	33.028	7.02	0.24	26.073	0.065	1470.	1.1
38	38.0	5.350	33.030	7.03	0.23	26.074	0.069	1470.	1.0
40	40.0	5.351	33.030	7.02	0.23	26.074	0.073	1470.	1.0
42	42.0	5.350	33.031	7.02	0.22	26.075	0.077	1470.	1.0
44	44.0	5.351	33.033	7.02	0.22	26.076	0.080	1470.	1.0
46	46.0	5.353	33.034	7.02	0.22	26.077	0.084	1470.	0.9
48	47.9	5.356	33.034	7.02	0.22	26.077	0.088	1470.	0.8
50	50.0	5.360	33.036	7.03	0.22	26.077	0.092	1471.	0.7
52	52.0	5.360	33.036	7.02	0.22	26.077	0.096	1471.	0.6
54	54.0	5.357	33.035	7.03	0.22	26.077	0.100	1471.	0.6
56	56.1	5.356	33.035	7.03	0.22	26.078	0.104	1471.	0.6
58	58.0	5.356	33.036	7.04	0.21	26.078	0.107	1471.	0.5
60	60.0	5.356	33.036	7.04	0.21	26.078	0.111	1471.	0.5
62	62.0	5.360	33.037	7.05	0.21	26.079	0.115	1471.	0.5
63	64.0	5.361	33.037	7.05	0.21	26.079	0.119	1471.	0.4
65	66.0	5.361	33.037	7.05	0.21	26.078	0.123	1471.	0.4
67	68.0	5.362	33.037	7.05	0.21	26.078	0.127	1471.	0.3
69	70.0	5.362	33.037	7.06	0.21	26.078	0.131	1471.	0.2
71	72.0	5.362	33.037	7.05	0.21	26.078	0.134	1471.	0.3
73	74.0	5.363	33.037	7.05	0.21	26.078	0.138	1471.	0.3
75	75.9	5.364	33.038	7.05	0.21	26.079	0.142	1471.	0.4
77	78.0	5.364	33.038	7.05	0.21	26.079	0.146	1471.	0.4
79	80.0	5.364	33.038	7.05	0.21	26.079	0.150	1471.	0.5
81	82.1	5.364	33.038	7.05	0.21	26.079	0.154	1471.	0.6
83	84.0	5.364	33.038	7.05	0.21	26.079	0.158	1471.	0.4
85	86.0	5.365	33.038	7.05	0.21	26.079	0.161	1471.	0.8
87	87.9	5.372	33.041	7.04	0.21	26.080	0.165	1471.	0.8
89	90.0	5.380	33.042	7.03	0.21	26.080	0.169	1471.	0.9
91	92.0	5.376	33.040	7.04	0.21	26.078	0.173	1471.	1.0
93	94.0	5.400	33.049	7.04	0.22	26.083	0.177	1471.	1.0
95	95.9	5.406	33.048	7.03	0.22	26.082	0.181	1471.	1.0
97	98.0	5.409	33.049	7.02	0.22	26.082	0.185	1472.	1.0
99	100.0	5.433	33.056	7.02	0.23	26.085	0.189	1472.	1.1

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	42	08 FEB 1987	0141	42°26.9'N	70°00.1'W	191

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	5.450	33.057	7.02	0.23	26.084	0.192	1472.	0.9
103	104.1	5.458	33.059	7.01	0.23	26.084	0.196	1472.	1.1
105	106.1	5.467	33.061	7.00	0.23	26.085	0.200	1472.	1.1
107	108.0	5.494	33.068	6.99	0.24	26.087	0.204	1472.	1.1
109	110.0	5.514	33.070	6.99	0.24	26.086	0.208	1472.	1.1
111	112.0	5.536	33.076	6.98	0.25	26.089	0.212	1472.	1.0
113	114.0	5.555	33.080	6.98	0.26	26.090	0.215	1472.	0.9
115	116.0	5.554	33.079	6.98	0.26	26.089	0.219	1472.	0.8
117	118.0	5.556	33.080	6.97	0.26	26.089	0.223	1472.	0.9
119	119.9	5.563	33.082	6.96	0.27	26.090	0.227	1473.	0.9
121	122.0	5.567	33.083	6.95	0.27	26.090	0.231	1473.	1.0
123	124.0	5.570	33.083	6.95	0.27	26.090	0.235	1473.	1.2
125	126.0	5.576	33.086	6.96	0.28	26.092	0.239	1473.	1.3
127	128.0	5.592	33.091	6.95	0.29	26.094	0.242	1473.	1.3
129	130.0	5.598	33.093	6.95	0.29	26.095	0.246	1473.	1.4
131	132.0	5.606	33.095	6.96	0.29	26.095	0.250	1473.	1.3
133	134.0	5.614	33.098	6.95	0.30	26.097	0.254	1473.	1.1
135	136.0	5.621	33.100	6.93	0.30	26.098	0.258	1473.	1.0
137	138.1	5.630	33.103	6.93	0.30	26.099	0.262	1473.	1.1
139	139.9	5.631	33.102	6.92	0.30	26.098	0.265	1473.	1.4
141	142.1	5.625	33.100	6.94	0.30	26.097	0.269	1473.	1.6
143	144.0	5.642	33.107	6.95	0.30	26.101	0.273	1473.	1.8
145	146.0	5.651	33.110	6.94	0.30	26.102	0.277	1473.	2.0
147	148.0	5.680	33.124	6.94	0.28	26.109	0.281	1474.	2.2
149	150.0	5.711	33.129	6.92	0.27	26.110	0.285	1474.	2.1
151	152.1	5.733	33.139	6.91	0.26	26.115	0.289	1474.	2.0
153	154.0	5.752	33.145	6.91	0.25	26.118	0.292	1474.	1.9
155	156.0	5.787	33.153	6.91	0.23	26.119	0.296	1474.	1.8
157	158.0	5.789	33.151	6.90	0.23	26.118	0.300	1474.	1.8
159	160.0	5.803	33.157	6.89	0.22	26.121	0.304	1474.	1.8
161	162.0	5.831	33.165	6.88	0.21	26.123	0.307	1474.	1.8
163	163.9	5.848	33.172	6.88	0.19	26.127	0.311	1475.	1.8
165	166.0	5.879	33.180	6.87	0.18	26.130	0.315	1475.	1.7
167	168.0	5.909	33.188	6.86	0.16	26.132	0.319	1475.	1.5
169	170.1	5.917	33.189	6.84	0.16	26.132	0.323	1475.	1.2
171	172.0	5.918	33.189	6.84	0.16	26.132	0.326	1475.	0.9
173	174.0	5.917	33.189	6.85	0.16	26.132	0.330	1475.	0.7
175	176.0	5.917	33.189	6.86	0.16	26.132	0.334	1475.	0.5
176	177.2	5.916	33.189	6.85	0.16	26.132	0.336	1475.	0.6
177	178.0	5.917	33.189	6.86	0.17	26.132	0.338	1475.	0.7
178	179.0	5.922	33.191	6.86	0.18	26.133	0.340	1475.	1.0
179	180.0	5.928	33.192	6.85	0.18	26.133	0.342	1475.	1.2
180	181.0	5.931	33.192	6.85	0.20	26.133	0.343	1475.	1.3
181	182.0	5.942	33.194	6.84	0.22	26.133	0.345	1475.	1.6
181	183.0	5.949	33.199	6.83	0.23	26.136	0.347	1475.	2.3
182	184.0	5.952	33.199	6.82	0.23	26.136	0.349	1475.	2.3
183	184.9	5.956	33.201	6.82	0.24	26.137	0.351	1475.	2.3
184	186.0	5.971	33.208	6.82	0.25	26.140	0.353	1475.	2.3
185	186.7	6.019	33.228	6.80	0.27	26.151	0.354	1476.	2.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	43	08 FEB 1987	0315	42°29.1'N	69°45.2'W	279

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.6	5.810	33.166	6.77	0.17	26.127	0.000	1472.	0.2
4	3.9	5.811	33.166	6.81	0.17	26.127	0.002	1472.	0.2
6	5.9	5.812	33.167	6.82	0.17	26.127	0.006	1472.	0.2
8	8.0	5.811	33.166	6.83	0.17	26.127	0.010	1472.	0.2
10	10.0	5.812	33.166	6.83	0.17	26.127	0.014	1472.	0.2
12	12.0	5.811	33.166	6.83	0.17	26.127	0.018	1472.	0.2
14	14.0	5.812	33.167	6.84	0.17	26.127	0.021	1472.	0.1
16	16.0	5.813	33.166	6.84	0.17	26.127	0.025	1472.	0.1
18	18.0	5.811	33.166	6.85	0.17	26.127	0.029	1472.	0.0
20	20.0	5.812	33.167	6.84	0.17	26.127	0.033	1472.	0.2
22	22.0	5.816	33.167	6.84	0.17	26.127	0.036	1472.	0.2
24	24.0	5.816	33.167	6.84	0.17	26.127	0.040	1472.	0.3
26	26.0	5.818	33.167	6.85	0.17	26.127	0.044	1472.	0.0
28	28.0	5.819	33.168	6.84	0.17	26.127	0.048	1472.	0.2
30	30.0	5.820	33.168	6.85	0.17	26.127	0.051	1472.	0.3
32	32.0	5.823	33.168	6.85	0.17	26.127	0.055	1472.	0.6
34	34.0	5.817	33.167	6.85	0.17	26.127	0.059	1472.	0.6
36	36.1	5.821	33.168	6.85	0.17	26.128	0.063	1472.	0.6
38	38.0	5.817	33.167	6.85	0.17	26.127	0.066	1472.	0.8
40	40.0	5.830	33.173	6.85	0.17	26.130	0.070	1472.	0.9
42	42.0	5.851	33.175	6.84	0.17	26.129	0.074	1473.	0.8
44	44.0	5.853	33.174	6.85	0.17	26.128	0.078	1473.	0.8
46	45.9	5.860	33.178	6.84	0.16	26.130	0.081	1473.	0.8
48	48.0	5.871	33.180	6.84	0.16	26.130	0.085	1473.	0.8
50	50.0	5.870	33.179	6.84	0.16	26.130	0.089	1473.	1.0
52	52.0	5.870	33.179	6.84	0.16	26.130	0.093	1473.	1.0
54	53.9	5.879	33.182	6.84	0.16	26.132	0.096	1473.	1.0
56	56.0	5.893	33.186	6.84	0.15	26.133	0.100	1473.	1.0
58	58.0	5.904	33.189	6.84	0.15	26.134	0.104	1473.	1.0
59	59.9	5.913	33.191	6.84	0.15	26.134	0.108	1473.	0.9
62	62.0	5.918	33.192	6.84	0.14	26.134	0.112	1473.	0.8
64	64.1	5.922	33.192	6.85	0.14	26.134	0.115	1473.	0.9
65	66.0	5.924	33.193	6.85	0.14	26.135	0.119	1473.	1.0
67	68.0	5.928	33.194	6.84	0.14	26.135	0.123	1473.	1.1
70	70.1	5.935	33.197	6.83	0.14	26.136	0.127	1473.	1.2
71	72.0	5.940	33.200	6.82	0.14	26.138	0.130	1473.	1.3
73	74.0	5.943	33.201	6.83	0.14	26.138	0.134	1473.	1.4
75	76.0	5.949	33.204	6.83	0.14	26.140	0.138	1474.	1.5
77	78.1	5.954	33.206	6.82	0.14	26.141	0.142	1474.	1.6
79	80.0	5.963	33.210	6.82	0.13	26.143	0.145	1474.	1.6
81	82.0	5.972	33.214	6.82	0.13	26.145	0.149	1474.	1.6
83	84.0	5.980	33.217	6.82	0.13	26.147	0.153	1474.	1.6
85	86.0	5.983	33.219	6.82	0.13	26.148	0.156	1474.	1.5
87	88.0	5.990	33.222	6.81	0.13	26.149	0.160	1474.	1.3
89	90.0	5.999	33.226	6.81	0.12	26.151	0.164	1474.	1.2
91	92.0	6.003	33.227	6.81	0.12	26.151	0.168	1474.	1.0
93	94.0	6.005	33.228	6.81	0.12	26.152	0.171	1474.	0.9
95	96.0	6.006	33.228	6.80	0.12	26.152	0.175	1474.	0.7
97	98.0	6.006	33.228	6.80	0.12	26.152	0.179	1474.	0.5
99	100.0	6.006	33.228	6.81	0.12	26.152	0.183	1474.	0.5

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	43	08 FEB 1987	0315	42°29.1'N	69°45.2'W	279

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	101.9	6.004	33.228	6.82	0.12	26.152	0.186	1474.	0.4
103	104.1	6.004	33.228	6.81	0.12	26.152	0.190	1474.	0.4
105	106.1	6.004	33.228	6.81	0.12	26.153	0.194	1474.	0.4
107	108.1	6.004	33.228	6.82	0.12	26.152	0.198	1474.	0.4
109	110.0	6.004	33.229	6.82	0.12	26.153	0.201	1474.	0.5
111	111.9	6.004	33.228	6.81	0.12	26.152	0.205	1474.	0.5
113	114.0	6.005	33.229	6.81	0.12	26.153	0.209	1474.	0.5
115	116.0	6.005	33.229	6.82	0.12	26.153	0.212	1474.	0.5
117	117.9	6.005	33.229	6.81	0.12	26.153	0.216	1474.	0.4
119	120.1	6.004	33.229	6.81	0.12	26.153	0.220	1474.	0.5
121	122.0	6.001	33.229	6.81	0.12	26.153	0.224	1475.	0.5
123	124.1	5.999	33.229	6.82	0.12	26.153	0.227	1475.	0.5
125	126.0	5.997	33.228	6.82	0.12	26.153	0.231	1475.	0.5
127	128.0	5.996	33.229	6.82	0.12	26.154	0.235	1475.	0.6
129	130.0	5.997	33.229	6.82	0.12	26.154	0.239	1475.	0.6
131	132.0	5.999	33.230	6.82	0.12	26.154	0.242	1475.	0.5
133	134.1	6.000	33.230	6.82	0.12	26.154	0.246	1475.	0.5
135	136.1	6.001	33.230	6.82	0.12	26.154	0.250	1475.	0.5
137	137.9	6.001	33.230	6.82	0.11	26.154	0.253	1475.	0.5
139	139.9	6.002	33.231	6.82	0.12	26.155	0.257	1475.	0.5
141	142.0	6.002	33.231	6.82	0.12	26.155	0.261	1475.	0.5
143	144.0	6.002	33.231	6.82	0.12	26.155	0.265	1475.	0.5
145	146.1	6.003	33.231	6.82	0.12	26.155	0.269	1475.	0.5
147	148.0	6.004	33.232	6.82	0.12	26.155	0.272	1475.	0.5
149	150.0	6.005	33.232	6.83	0.12	26.155	0.276	1475.	0.6
151	152.0	6.006	33.232	6.82	0.12	26.155	0.280	1475.	0.6
153	154.0	6.009	33.233	6.81	0.11	26.156	0.283	1475.	0.6
155	156.0	6.013	33.234	6.81	0.11	26.156	0.287	1475.	0.5
157	158.0	6.017	33.235	6.82	0.11	26.156	0.291	1475.	0.5
159	159.9	6.019	33.235	6.82	0.11	26.156	0.294	1475.	0.4
161	162.0	6.019	33.235	6.81	0.11	26.156	0.298	1475.	0.1
163	164.0	6.020	33.235	6.81	0.11	26.156	0.302	1475.	-0.1
165	166.0	6.020	33.235	6.81	0.11	26.156	0.306	1475.	0.0
167	168.0	6.020	33.235	6.81	0.11	26.156	0.309	1475.	0.2
168	169.9	6.021	33.235	6.81	0.11	26.156	0.313	1475.	0.3
171	172.0	6.023	33.236	6.82	0.11	26.156	0.317	1475.	0.3
173	174.0	6.024	33.236	6.82	0.11	26.156	0.321	1475.	0.4
175	176.1	6.024	33.236	6.82	0.11	26.156	0.325	1475.	0.6
176	178.0	6.024	33.236	6.82	0.11	26.156	0.328	1476.	0.7
179	180.1	6.024	33.236	6.82	0.11	26.156	0.332	1476.	0.9
181	182.0	6.029	33.238	6.82	0.11	26.157	0.336	1476.	1.0
182	184.0	6.043	33.241	6.81	0.11	26.158	0.339	1476.	1.1
184	185.9	6.057	33.245	6.78	0.11	26.159	0.343	1476.	1.2
187	188.1	6.066	33.248	6.73	0.11	26.160	0.347	1476.	2.3
188	190.0	6.076	33.251	6.68	0.11	26.161	0.351	1476.	4.3
190	192.1	6.087	33.254	6.63	0.11	26.163	0.354	1476.	5.5
192	194.0	6.096	33.257	6.59	0.11	26.164	0.358	1476.	6.3
194	196.0	6.209	33.322	6.52	0.11	26.201	0.362	1477.	6.9
196	198.1	6.516	33.496	6.35	0.11	26.299	0.365	1478.	7.2
198	200.1	6.630	33.542	6.08	0.11	26.320	0.369	1479.	7.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	43	08 FEB 1987	0315	42°29.1'N	69°45.2'W	279

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	201.9	6.676	33.578	5.69	0.12	26.342	0.372	1479.	7.0
202	204.1	6.704	33.619	5.60	0.13	26.371	0.376	1479.	6.2
204	206.0	6.711	33.646	5.55	0.14	26.391	0.379	1479.	5.2
206	208.1	6.717	33.673	5.52	0.16	26.412	0.382	1479.	4.8
208	210.0	6.718	33.678	5.50	0.16	26.416	0.385	1479.	4.4
210	212.0	6.717	33.686	5.50	0.16	26.422	0.389	1479.	3.9
212	214.0	6.716	33.697	5.52	0.16	26.431	0.392	1479.	3.6
214	216.1	6.715	33.714	5.53	0.16	26.444	0.395	1479.	3.5
216	217.9	6.715	33.720	5.53	0.16	26.449	0.398	1480.	3.5
218	219.6	6.717	33.725	5.53	0.15	26.453	0.401	1480.	3.7
220	222.0	6.713	33.737	5.21	0.15	26.463	0.405	1480.	3.7
222	224.1	6.721	33.748	5.15	0.15	26.470	0.408	1480.	3.7
224	226.0	6.714	33.759	5.15	0.15	26.480	0.411	1480.	3.9
226	228.0	6.696	33.776	5.16	0.16	26.495	0.414	1480.	4.0
228	230.0	6.689	33.788	5.17	0.17	26.506	0.417	1480.	3.9
230	232.0	6.689	33.792	5.18	0.17	26.509	0.420	1480.	3.8
232	234.0	6.707	33.815	5.19	0.20	26.525	0.423	1480.	3.8
234	236.0	6.719	33.824	5.21	0.21	26.530	0.427	1480.	3.7
236	238.0	6.728	33.833	5.21	0.23	26.536	0.430	1480.	3.6
238	240.1	6.735	33.845	5.20	0.27	26.545	0.433	1480.	3.5
240	242.0	6.747	33.866	5.20	0.34	26.560	0.436	1480.	3.2
242	244.0	6.755	33.874	5.19	0.44	26.565	0.439	1480.	3.0
244	246.0	6.759	33.877	5.18	0.49	26.567	0.442	1480.	2.6
246	248.0	6.765	33.882	5.18	0.50	26.570	0.445	1480.	2.2
248	249.9	6.776	33.887	5.17	0.48	26.573	0.448	1480.	1.7
250	251.9	6.780	33.889	5.17	0.49	26.573	0.450	1481.	1.4
252	254.0	6.782	33.889	5.17	0.49	26.574	0.454	1481.	1.2
254	255.9	6.784	33.890	5.17	0.50	26.574	0.456	1481.	1.0
256	257.9	6.789	33.893	5.17	0.50	26.575	0.459	1481.	0.8
258	260.1	6.790	33.893	5.17	0.51	26.575	0.463	1481.	0.8
259	261.3	6.790	33.893	5.16	0.51	26.576	0.464	1481.	0.7
260	262.0	6.790	33.893	5.16	0.51	26.575	0.465	1481.	0.6
261	263.1	6.791	33.892	5.16	0.51	26.575	0.467	1481.	0.3
262	264.0	6.791	33.893	5.17	0.52	26.576	0.468	1481.	0.4
263	265.0	6.791	33.893	5.16	0.52	26.576	0.470	1481.	0.2
264	266.0	6.791	33.893	5.16	0.53	26.575	0.471	1481.	0.2
265	267.0	6.791	33.893	5.15	0.52	26.576	0.473	1481.	-0.1
266	268.0	6.792	33.893	5.16	0.52	26.575	0.474	1481.	-0.1
267	269.0	6.792	33.893	5.16	0.52	26.575	0.476	1481.	-0.1
268	270.0	6.792	33.893	5.16	0.53	26.575	0.477	1481.	-0.1
269	271.0	6.792	33.893	5.17	0.54	26.575	0.479	1481.	-0.1

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	44	08 FEB 1987	0502	42°31.2'N	69°29.5'W	281

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	1.9	6.038	33.242	6.74	0.13	26.159	0.000	1473.	-0.5
4	4.0	6.041	33.242	6.76	0.13	26.159	0.004	1473.	-0.5
6	6.0	6.041	33.242	6.77	0.13	26.159	0.008	1473.	-0.5
8	7.9	6.041	33.242	6.77	0.15	26.159	0.011	1473.	-0.5
10	10.1	6.052	33.243	6.77	0.14	26.158	0.015	1473.	-0.5
12	12.0	6.053	33.242	6.78	0.13	26.158	0.019	1473.	-0.5
14	14.0	6.055	33.243	6.78	0.14	26.157	0.022	1473.	-0.4
16	16.0	6.056	33.243	6.78	0.13	26.157	0.026	1473.	-0.3
18	18.0	6.057	33.243	6.77	0.16	26.158	0.030	1473.	0.3
20	20.0	6.053	33.243	6.76	0.17	26.158	0.034	1473.	0.4
22	21.7	6.052	33.242	6.76	0.16	26.158	0.037	1473.	0.4
24	23.8	6.048	33.242	6.76	0.17	26.158	0.041	1473.	0.4
26	26.0	6.046	33.242	6.76	0.13	26.158	0.045	1473.	0.2
28	28.0	6.046	33.242	6.77	0.15	26.158	0.048	1473.	-0.2
30	30.0	6.047	33.242	6.78	0.14	26.158	0.052	1473.	-0.2
32	32.0	6.048	33.242	6.78	0.15	26.158	0.056	1473.	-0.4
34	34.0	6.049	33.242	6.77	0.13	26.158	0.059	1473.	-0.4
36	36.0	6.051	33.242	6.78	0.14	26.157	0.063	1473.	-0.3
38	38.1	6.053	33.242	6.78	0.13	26.157	0.067	1473.	-0.3
40	39.9	6.053	33.242	6.78	0.16	26.157	0.070	1473.	-0.2
42	42.5	6.054	33.242	6.78	0.14	26.157	0.075	1473.	0.1
44	43.9	6.054	33.242	6.77	0.14	26.157	0.078	1473.	0.2
46	46.1	6.052	33.242	6.78	0.14	26.157	0.082	1473.	0.1
48	47.9	6.051	33.242	6.79	0.14	26.157	0.085	1474.	-0.2
50	50.0	6.052	33.242	6.79	0.15	26.158	0.089	1474.	-0.2
52	51.9	6.056	33.243	6.79	0.14	26.157	0.093	1474.	-0.2
53	53.9	6.057	33.242	6.79	0.13	26.157	0.096	1474.	-0.2
56	56.0	6.057	33.242	6.79	0.13	26.157	0.100	1474.	-0.3
57	57.9	6.056	33.242	6.79	0.14	26.157	0.104	1474.	-0.3
60	60.0	6.057	33.243	6.79	0.13	26.157	0.108	1474.	-0.2
62	62.1	6.059	33.243	6.79	0.14	26.157	0.111	1474.	-0.2
64	64.0	6.060	33.243	6.79	0.14	26.157	0.115	1474.	-0.2
65	66.0	6.061	33.243	6.80	0.13	26.157	0.119	1474.	-0.2
68	68.1	6.062	33.243	6.80	0.13	26.157	0.123	1474.	-0.2
69	70.0	6.062	33.243	6.80	0.13	26.157	0.126	1474.	0.0
71	72.0	6.063	33.243	6.80	0.13	26.157	0.130	1474.	0.2
73	73.9	6.063	33.243	6.79	0.14	26.157	0.133	1474.	0.2
75	76.0	6.063	33.243	6.79	0.13	26.157	0.137	1474.	0.2
77	77.9	6.063	33.243	6.79	0.14	26.157	0.141	1474.	0.3
79	80.0	6.063	33.243	6.79	0.15	26.157	0.145	1474.	0.3
81	82.0	6.063	33.243	6.79	0.13	26.157	0.148	1474.	0.3
83	83.9	6.064	33.243	6.79	0.13	26.157	0.152	1474.	0.3
85	86.0	6.066	33.244	6.80	0.13	26.157	0.156	1474.	0.5
87	87.9	6.064	33.244	6.80	0.14	26.157	0.159	1474.	0.5
89	90.0	6.064	33.243	6.80	0.13	26.157	0.163	1474.	0.6
91	91.9	6.068	33.244	6.80	0.14	26.157	0.167	1474.	0.6
93	94.0	6.077	33.247	6.79	0.13	26.158	0.171	1474.	0.6
95	95.9	6.083	33.248	6.78	0.13	26.158	0.174	1474.	0.7
97	98.0	6.089	33.249	6.78	0.14	26.158	0.178	1474.	0.7
99	100.0	6.091	33.249	6.78	0.13	26.158	0.182	1475.	0.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	44	08 FEB 1987	0502	42°31.2'N	69°29.5'W	281

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	6.095	33.251	6.78	0.14	26.159	0.185	1475.	0.6
103	104.0	6.100	33.252	6.77	0.13	26.159	0.189	1475.	0.6
105	106.0	6.099	33.252	6.78	0.13	26.159	0.193	1475.	0.6
107	108.0	6.107	33.254	6.77	0.13	26.160	0.197	1475.	0.6
109	109.9	6.109	33.254	6.77	0.13	26.160	0.200	1475.	0.7
111	112.0	6.109	33.254	6.76	0.13	26.160	0.204	1475.	0.7
113	113.9	6.111	33.255	6.76	0.13	26.160	0.208	1475.	0.8
115	116.0	6.117	33.256	6.76	0.13	26.161	0.212	1475.	0.8
117	118.0	6.121	33.258	6.76	0.13	26.161	0.215	1475.	0.9
119	120.0	6.132	33.261	6.75	0.13	26.162	0.219	1475.	0.9
121	122.0	6.138	33.262	6.74	0.13	26.162	0.223	1475.	1.0
123	124.0	6.145	33.264	6.74	0.13	26.163	0.226	1475.	1.1
125	125.7	6.150	33.265	6.74	0.13	26.163	0.230	1475.	1.2
127	128.0	6.161	33.269	6.73	0.14	26.165	0.234	1475.	1.4
129	129.9	6.170	33.271	6.72	0.13	26.165	0.237	1475.	1.5
131	132.0	6.183	33.275	6.71	0.13	26.167	0.241	1475.	1.7
133	133.9	6.203	33.283	6.69	0.13	26.170	0.245	1476.	2.1
135	136.0	6.221	33.287	6.67	0.14	26.172	0.249	1476.	2.6
137	137.9	6.231	33.291	6.65	0.15	26.174	0.252	1476.	3.1
139	140.1	6.275	33.304	6.61	0.16	26.178	0.256	1476.	3.5
141	141.9	6.324	33.328	6.55	0.16	26.191	0.260	1476.	3.7
143	143.9	6.366	33.350	6.49	0.17	26.203	0.263	1476.	3.8
145	146.0	6.437	33.380	6.40	0.19	26.218	0.267	1477.	4.0
147	148.0	6.487	33.404	6.33	0.19	26.230	0.271	1477.	4.4
149	150.0	6.486	33.404	6.28	0.19	26.230	0.274	1477.	4.7
151	151.9	6.496	33.414	6.25	0.20	26.236	0.278	1477.	4.9
153	154.0	6.562	33.454	6.05	0.18	26.259	0.281	1478.	5.0
155	156.0	6.616	33.508	5.81	0.18	26.295	0.285	1478.	5.1
157	157.9	6.646	33.531	5.75	0.20	26.309	0.288	1478.	5.2
159	159.9	6.670	33.549	5.71	0.20	26.320	0.292	1478.	5.1
161	162.1	6.674	33.566	5.69	0.18	26.333	0.295	1478.	4.7
163	164.0	6.657	33.585	5.70	0.14	26.350	0.299	1478.	4.4
165	166.1	6.640	33.599	5.70	0.12	26.363	0.302	1478.	4.3
166	167.9	6.634	33.609	5.70	0.13	26.372	0.305	1478.	4.2
169	170.1	6.639	33.618	5.70	0.13	26.378	0.309	1478.	4.0
171	171.9	6.655	33.638	5.69	0.13	26.392	0.312	1478.	3.7
173	174.0	6.665	33.652	5.68	0.13	26.402	0.315	1479.	3.7
175	176.1	6.676	33.666	5.64	0.13	26.412	0.319	1479.	3.7
176	178.0	6.679	33.669	5.60	0.13	26.414	0.322	1479.	3.8
179	180.0	6.676	33.673	5.58	0.14	26.417	0.325	1479.	3.8
181	182.1	6.663	33.693	5.56	0.14	26.435	0.328	1479.	3.9
182	184.0	6.668	33.707	5.55	0.15	26.445	0.331	1479.	3.8
184	186.0	6.677	33.726	5.53	0.20	26.459	0.335	1479.	3.8
186	188.0	6.676	33.736	5.50	0.19	26.467	0.338	1479.	3.8
188	190.0	6.664	33.740	5.16	0.20	26.472	0.341	1479.	3.7
190	192.1	6.661	33.746	5.15	0.19	26.476	0.344	1479.	3.7
192	194.0	6.666	33.754	5.16	0.18	26.482	0.347	1479.	3.7
194	196.1	6.682	33.776	5.16	0.20	26.498	0.350	1479.	3.7
196	197.9	6.694	33.792	5.17	0.22	26.509	0.353	1479.	3.6
198	200.0	6.708	33.812	5.18	0.26	26.523	0.357	1479.	3.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	44	08 FEB 1987	0502	42°31.2'N	69°29.5'W	281

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	201.9	6.714	33.818	5.19	0.28	26.527	0.359	1479.	3.0
202	204.0	6.716	33.821	5.20	0.29	26.528	0.363	1479.	2.5
204	206.0	6.718	33.823	5.20	0.30	26.530	0.366	1479.	2.1
206	208.0	6.720	33.824	5.21	0.30	26.531	0.369	1479.	1.7
208	209.9	6.721	33.826	5.20	0.30	26.532	0.372	1480.	1.7
210	212.1	6.722	33.828	5.21	0.29	26.534	0.375	1480.	1.7
212	214.0	6.726	33.835	5.21	0.30	26.538	0.378	1480.	1.7
214	215.9	6.727	33.837	5.21	0.30	26.540	0.381	1480.	1.6
216	218.0	6.728	33.838	5.21	0.30	26.540	0.384	1480.	1.5
218	219.9	6.731	33.840	5.21	0.32	26.542	0.387	1480.	1.3
220	222.1	6.733	33.841	5.21	0.33	26.542	0.390	1480.	1.1
222	224.0	6.735	33.842	5.20	0.33	26.543	0.393	1480.	1.1
224	226.0	6.735	33.842	5.21	0.33	26.543	0.396	1480.	1.1
226	228.0	6.736	33.843	5.21	0.34	26.543	0.399	1480.	1.2
228	230.1	6.742	33.846	5.20	0.37	26.545	0.402	1480.	1.2
230	232.0	6.746	33.848	5.20	0.39	26.546	0.405	1480.	1.3
232	234.0	6.749	33.850	5.20	0.41	26.547	0.408	1480.	1.5
234	236.0	6.752	33.852	5.20	0.43	26.548	0.411	1480.	1.9
236	238.0	6.755	33.854	5.19	0.46	26.549	0.414	1480.	2.1
238	239.9	6.761	33.856	5.19	0.49	26.550	0.417	1480.	2.4
240	242.0	6.768	33.865	5.19	0.52	26.556	0.420	1480.	2.6
242	244.0	6.774	33.878	5.18	0.54	26.566	0.423	1480.	2.6
244	246.0	6.774	33.880	5.18	0.56	26.567	0.426	1480.	2.6
246	247.9	6.783	33.890	5.18	0.60	26.574	0.429	1480.	2.4
248	250.0	6.787	33.895	5.17	0.61	26.577	0.432	1481.	2.0
250	252.0	6.788	33.896	5.17	0.61	26.578	0.435	1481.	1.6
252	254.0	6.789	33.896	5.17	0.62	26.578	0.438	1481.	1.3
254	255.9	6.790	33.897	5.17	0.62	26.578	0.441	1481.	0.9
256	258.1	6.790	33.897	5.17	0.63	26.579	0.444	1481.	0.6
258	260.0	6.791	33.898	5.17	0.65	26.579	0.447	1481.	0.6
260	262.0	6.791	33.898	5.17	0.66	26.579	0.450	1481.	0.5
261	263.3	6.792	33.898	5.17	0.67	26.579	0.452	1481.	0.4
262	264.0	6.792	33.898	5.18	0.68	26.579	0.453	1481.	0.2
263	265.0	6.792	33.898	5.17	0.68	26.579	0.454	1481.	-0.1
264	266.1	6.792	33.898	5.17	0.69	26.579	0.456	1481.	0.3
265	267.0	6.792	33.898	5.17	0.71	26.579	0.457	1481.	0.2
266	268.0	6.792	33.898	5.17	0.68	26.579	0.459	1481.	0.1
267	269.1	6.792	33.898	5.18	0.70	26.579	0.460	1481.	0.1
268	270.0	6.792	33.898	5.18	0.70	26.579	0.462	1481.	0.1
269	271.2	6.792	33.898	5.18	0.70	26.579	0.464	1481.	0.1
269	271.6	6.792	33.897	5.18	0.72	26.579	0.464	1481.	0.1

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	45	08 FEB 1987	0647	42°33.1'N	69°15.0'W	231

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.3	5.340	32.929	7.00	0.12	25.995	0.000	1470.	-0.1
4	4.1	5.341	32.929	7.01	0.12	25.995	0.004	1470.	-0.1
6	6.0	5.344	32.929	7.00	0.12	25.995	0.007	1470.	-0.1
8	8.0	5.344	32.929	6.98	0.12	25.995	0.011	1470.	-0.1
10	9.9	5.347	32.928	6.98	0.12	25.994	0.015	1470.	-0.1
12	12.0	5.345	32.929	6.99	0.12	25.994	0.019	1470.	0.3
14	13.9	5.346	32.929	6.99	0.12	25.995	0.023	1470.	0.3
16	16.0	5.348	32.929	7.00	0.12	25.995	0.027	1470.	0.3
18	18.0	5.355	32.931	6.99	0.12	25.995	0.031	1470.	0.3
20	20.0	5.363	32.932	7.00	0.12	25.995	0.035	1470.	0.4
22	22.0	5.361	32.931	7.00	0.12	25.994	0.039	1470.	0.7
24	23.9	5.364	32.932	7.00	0.12	25.995	0.043	1470.	0.8
26	26.0	5.365	32.932	7.01	0.12	25.994	0.047	1470.	0.9
28	28.0	5.368	32.934	7.01	0.12	25.996	0.051	1470.	1.1
30	30.0	5.387	32.940	7.00	0.12	25.998	0.055	1470.	1.2
32	32.0	5.390	32.939	7.00	0.12	25.997	0.059	1470.	1.5
34	34.0	5.398	32.943	7.00	0.12	25.999	0.063	1470.	1.5
36	35.9	5.414	32.946	7.00	0.11	26.000	0.067	1470.	1.5
38	38.0	5.427	32.950	6.99	0.11	26.002	0.071	1470.	1.6
40	40.0	5.474	32.964	6.97	0.11	26.007	0.075	1471.	1.6
42	42.0	5.478	32.961	6.97	0.11	26.004	0.079	1471.	1.6
44	44.0	5.482	32.966	6.97	0.11	26.008	0.083	1471.	1.6
46	46.0	5.484	32.967	6.96	0.11	26.009	0.087	1471.	1.4
48	47.9	5.494	32.971	6.96	0.11	26.010	0.091	1471.	1.3
50	50.1	5.520	32.978	6.95	0.11	26.013	0.096	1471.	1.4
52	52.0	5.538	32.981	6.95	0.11	26.013	0.099	1471.	1.3
54	53.9	5.525	32.978	6.96	0.11	26.012	0.103	1471.	1.3
56	56.0	5.507	32.978	6.97	0.11	26.014	0.107	1471.	1.3
58	58.1	5.505	32.980	6.98	0.11	26.016	0.111	1471.	1.3
60	60.1	5.521	32.984	6.98	0.11	26.017	0.115	1471.	1.4
61	62.0	5.530	32.985	6.97	0.11	26.018	0.119	1471.	1.4
63	64.0	5.549	32.991	6.96	0.11	26.019	0.123	1471.	1.4
65	65.9	5.573	32.996	6.95	0.11	26.021	0.127	1472.	1.5
67	68.0	5.600	33.002	6.94	0.10	26.023	0.131	1472.	1.8
70	70.1	5.615	33.004	6.94	0.10	26.023	0.135	1472.	1.9
71	72.0	5.629	33.008	6.93	0.10	26.024	0.139	1472.	2.1
73	74.0	5.668	33.020	6.91	0.10	26.029	0.143	1472.	2.1
75	75.9	5.741	33.041	6.87	0.10	26.036	0.147	1472.	2.2
77	78.0	5.794	33.050	6.85	0.09	26.037	0.151	1473.	2.3
79	80.0	5.839	33.060	6.83	0.09	26.040	0.155	1473.	2.4
81	82.0	5.876	33.068	6.81	0.10	26.042	0.159	1473.	2.5
83	84.1	5.924	33.079	6.80	0.10	26.044	0.163	1473.	2.7
85	86.0	5.958	33.092	6.77	0.11	26.050	0.167	1474.	3.1
87	88.0	6.018	33.114	6.75	0.12	26.060	0.170	1474.	3.3
89	90.1	6.055	33.124	6.74	0.13	26.064	0.175	1474.	3.4
91	92.0	6.105	33.146	6.71	0.14	26.075	0.178	1474.	3.4
93	94.0	6.150	33.167	6.68	0.16	26.086	0.182	1475.	3.2
95	96.0	6.163	33.174	6.68	0.16	26.090	0.186	1475.	3.0
97	97.9	6.161	33.180	6.67	0.15	26.095	0.190	1475.	2.8
99	100.0	6.155	33.184	6.67	0.14	26.099	0.194	1475.	2.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	45	08 FEB 1987	0647	42°33.1'N	69°15.0'W	231

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	101.9	6.154	33.188	6.67	0.14	26.102	0.197	1475.	2.3
103	104.0	6.154	33.190	6.67	0.13	26.104	0.201	1475.	2.3
105	106.0	6.154	33.192	6.66	0.13	26.105	0.205	1475.	2.4
107	108.0	6.153	33.196	6.65	0.13	26.108	0.209	1475.	2.6
109	110.1	6.164	33.205	6.65	0.13	26.114	0.213	1475.	2.8
111	112.1	6.179	33.213	6.64	0.13	26.119	0.217	1475.	3.0
113	114.1	6.218	33.233	6.62	0.13	26.129	0.221	1475.	3.1
115	116.1	6.237	33.240	6.60	0.13	26.132	0.224	1475.	3.1
117	118.0	6.265	33.257	6.58	0.14	26.143	0.228	1476.	3.0
119	120.2	6.280	33.266	6.57	0.15	26.147	0.232	1476.	2.8
121	121.9	6.284	33.268	6.54	0.15	26.149	0.235	1476.	2.6
123	124.1	6.300	33.279	6.53	0.16	26.155	0.239	1476.	2.5
125	126.0	6.311	33.283	6.52	0.16	26.157	0.243	1476.	2.4
127	128.0	6.314	33.285	6.49	0.16	26.159	0.247	1476.	2.5
129	130.0	6.321	33.292	6.46	0.17	26.163	0.250	1476.	2.7
131	132.0	6.332	33.301	6.43	0.17	26.169	0.254	1476.	2.8
133	134.1	6.347	33.312	6.41	0.18	26.175	0.258	1476.	3.0
135	136.0	6.357	33.319	6.38	0.18	26.179	0.261	1476.	3.1
137	138.0	6.372	33.331	6.36	0.18	26.187	0.265	1476.	3.2
139	139.9	6.393	33.344	6.34	0.19	26.195	0.269	1476.	3.4
141	142.0	6.406	33.352	6.12	0.19	26.200	0.272	1477.	3.5
143	144.0	6.422	33.366	5.94	0.19	26.208	0.276	1477.	3.5
145	145.9	6.440	33.381	5.93	0.19	26.218	0.279	1477.	3.4
147	148.1	6.468	33.400	5.91	0.19	26.229	0.283	1477.	3.3
149	149.9	6.474	33.406	5.91	0.19	26.233	0.287	1477.	3.2
151	152.1	6.482	33.413	5.91	0.19	26.238	0.291	1477.	3.0
153	154.0	6.497	33.423	5.92	0.20	26.243	0.294	1477.	2.8
155	156.0	6.525	33.435	5.92	0.20	26.250	0.298	1477.	2.7
157	158.0	6.547	33.443	5.93	0.21	26.253	0.301	1478.	2.8
159	159.9	6.572	33.452	5.91	0.21	26.256	0.305	1478.	2.7
161	162.0	6.587	33.460	5.90	0.21	26.261	0.308	1478.	2.7
163	164.0	6.612	33.473	5.89	0.21	26.268	0.312	1478.	2.6
165	165.9	6.648	33.486	5.87	0.21	26.274	0.315	1478.	2.7
167	167.9	6.666	33.491	5.86	0.21	26.275	0.319	1478.	2.9
169	169.9	6.690	33.499	5.84	0.21	26.279	0.322	1478.	3.2
171	172.0	6.698	33.505	5.83	0.21	26.282	0.326	1478.	3.4
173	174.0	6.733	33.524	5.81	0.21	26.292	0.329	1479.	3.8
175	176.0	6.796	33.555	5.78	0.22	26.308	0.333	1479.	3.9
177	178.0	6.884	33.584	5.73	0.23	26.319	0.336	1479.	4.2
178	179.9	6.988	33.610	5.67	0.22	26.325	0.340	1480.	4.5
180	181.9	7.179	33.674	5.58	0.22	26.350	0.343	1481.	4.5
182	184.0	7.288	33.688	5.51	0.23	26.346	0.347	1481.	4.6
185	186.1	7.109	33.688	5.51	0.24	26.371	0.350	1480.	4.6
186	187.9	7.023	33.697	5.49	0.25	26.389	0.353	1480.	4.4
188	190.0	6.929	33.693	5.48	0.26	26.399	0.357	1480.	4.3
190	191.9	6.850	33.696	5.48	0.26	26.412	0.360	1480.	4.2
192	194.0	6.812	33.694	5.47	0.26	26.415	0.363	1479.	3.7
194	196.0	6.728	33.686	5.37	0.27	26.421	0.366	1479.	3.2
196	198.1	6.723	33.705	5.13	0.28	26.436	0.370	1479.	2.9
198	199.9	6.734	33.708	5.14	0.29	26.437	0.373	1479.	2.5

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	45	08 FEB 1987	0647	42°33.1'N	69°15.0'W	231

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	202.1	6.727	33.708	5.15	0.30	26.438	0.376	1479.	2.2
202	204.1	6.726	33.710	5.16	0.30	26.440	0.379	1479.	1.7
204	206.1	6.728	33.711	5.18	0.30	26.441	0.383	1479.	1.2
206	208.0	6.711	33.709	5.20	0.31	26.441	0.386	1479.	1.2
208	210.0	6.696	33.707	5.23	0.30	26.441	0.389	1479.	1.2
210	211.9	6.687	33.707	5.26	0.30	26.442	0.392	1479.	1.2
212	214.1	6.689	33.708	5.27	0.31	26.443	0.395	1479.	1.2
213	215.2	6.693	33.710	5.27	0.31	26.444	0.397	1479.	1.2
214	216.0	6.692	33.711	5.26	0.33	26.445	0.398	1479.	1.2
215	217.0	6.690	33.710	5.26	0.33	26.445	0.400	1479.	1.0
216	218.0	6.689	33.711	5.26	0.33	26.445	0.402	1479.	0.8
217	219.0	6.690	33.710	5.26	0.33	26.445	0.403	1479.	0.7
218	219.9	6.689	33.711	5.26	0.33	26.445	0.405	1479.	0.5
219	221.0	6.689	33.711	5.25	0.33	26.445	0.407	1479.	0.6
220	222.0	6.689	33.710	5.25	0.33	26.445	0.408	1479.	0.6
221	222.9	6.690	33.711	5.25	0.34	26.445	0.410	1479.	0.6
222	224.0	6.690	33.711	5.25	0.35	26.445	0.411	1480.	0.6
223	224.7	6.690	33.711	5.25	0.35	26.446	0.412	1480.	0.6

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	46	08 FEB 1987	0912	42°34.3'N	68°59.0'W	205

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.5	4.767	32.774	7.30	0.12	25.936	0.000	1467.	1.7
4	3.7	4.767	32.774	7.32	0.12	25.937	0.003	1467.	1.7
6	6.1	4.767	32.774	7.32	0.12	25.936	0.007	1467.	1.7
8	8.2	4.764	32.773	7.32	0.12	25.936	0.012	1467.	1.7
10	9.8	4.766	32.775	7.31	0.12	25.937	0.015	1467.	1.7
12	12.0	4.776	32.778	7.29	0.12	25.938	0.020	1467.	2.2
14	14.1	4.792	32.785	7.28	0.11	25.943	0.024	1467.	2.5
16	15.9	4.828	32.797	7.27	0.11	25.948	0.027	1467.	2.5
18	18.1	4.863	32.805	7.25	0.11	25.951	0.032	1468.	2.5
20	20.1	4.945	32.834	7.22	0.11	25.965	0.036	1468.	2.5
22	22.0	4.967	32.835	7.21	0.11	25.963	0.040	1468.	2.8
24	24.0	4.974	32.836	7.21	0.11	25.963	0.044	1468.	3.3
26	26.0	4.982	32.841	7.21	0.11	25.966	0.048	1468.	3.8
28	28.0	5.026	32.853	7.20	0.10	25.971	0.052	1469.	4.3
30	29.9	5.124	32.893	7.15	0.10	25.991	0.056	1469.	4.7
32	31.8	5.270	32.944	7.08	0.09	26.015	0.060	1470.	5.1
34	34.1	5.369	32.978	7.04	0.09	26.031	0.064	1470.	5.2
36	36.0	5.493	33.029	6.99	0.09	26.057	0.068	1471.	5.1
38	38.1	5.559	33.048	6.95	0.09	26.063	0.072	1471.	5.0
40	40.0	5.682	33.099	6.90	0.08	26.089	0.076	1472.	4.7
42	42.0	5.720	33.107	6.88	0.08	26.091	0.080	1472.	4.4
44	44.0	5.769	33.130	6.86	0.08	26.104	0.084	1472.	4.0
46	46.0	5.881	33.176	6.82	0.07	26.126	0.087	1473.	3.6
48	47.9	5.903	33.178	6.81	0.07	26.125	0.091	1473.	3.1
50	50.1	5.931	33.189	6.79	0.07	26.130	0.095	1473.	2.7
52	52.0	5.943	33.191	6.79	0.07	26.131	0.099	1473.	2.0
54	53.9	5.949	33.195	6.79	0.07	26.133	0.102	1473.	1.3
55	55.9	5.941	33.193	6.80	0.07	26.133	0.106	1473.	1.1
57	57.9	5.937	33.193	6.79	0.07	26.133	0.110	1473.	0.8
60	60.1	5.934	33.193	6.80	0.07	26.133	0.114	1473.	0.7
62	62.1	5.932	33.193	6.81	0.07	26.133	0.118	1473.	0.5
63	63.9	5.929	33.193	6.81	0.07	26.134	0.121	1473.	0.5
65	66.0	5.928	33.193	6.81	0.07	26.134	0.125	1473.	0.5
68	68.2	5.928	33.193	6.81	0.07	26.134	0.129	1473.	0.6
69	69.8	5.928	33.193	6.81	0.07	26.134	0.132	1473.	0.7
72	72.1	5.930	33.194	6.81	0.07	26.134	0.136	1473.	0.7
73	74.0	5.928	33.194	6.82	0.06	26.135	0.140	1473.	0.7
75	75.9	5.930	33.195	6.82	0.06	26.135	0.143	1473.	0.7
78	78.2	5.932	33.196	6.82	0.06	26.136	0.148	1473.	0.7
79	79.9	5.935	33.196	6.82	0.06	26.136	0.151	1474.	0.7
81	81.9	5.938	33.197	6.82	0.06	26.136	0.155	1474.	0.6
84	84.2	5.942	33.198	6.82	0.06	26.136	0.159	1474.	0.6
85	85.8	5.942	33.198	6.82	0.06	26.136	0.162	1474.	0.7
88	88.2	5.943	33.199	6.81	0.06	26.137	0.167	1474.	0.9
89	90.1	5.942	33.199	6.82	0.06	26.137	0.170	1474.	1.0
91	91.8	5.941	33.199	6.81	0.07	26.137	0.173	1474.	1.3
93	94.0	5.946	33.202	6.80	0.07	26.139	0.177	1474.	1.8
95	96.1	5.959	33.206	6.79	0.06	26.140	0.181	1474.	2.2
97	98.0	5.986	33.212	6.78	0.06	26.142	0.185	1474.	2.4
99	99.9	6.014	33.222	6.77	0.06	26.146	0.188	1474.	2.5

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	46	08 FEB 1987	0912	42°34.3'N	68°59.0'W	205

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	101.9	6.122	33.255	6.73	0.06	26.159	0.192	1475.	2.6
103	104.1	6.190	33.270	6.69	0.07	26.162	0.196	1475.	2.6
105	106.1	6.210	33.273	6.66	0.07	26.162	0.200	1475.	2.6
107	108.0	6.237	33.283	6.64	0.07	26.166	0.204	1475.	2.7
109	110.0	6.283	33.296	6.61	0.07	26.171	0.207	1476.	2.9
111	112.1	6.316	33.304	6.56	0.07	26.173	0.211	1476.	3.3
113	114.0	6.349	33.317	6.53	0.07	26.179	0.215	1476.	3.7
115	115.8	6.435	33.347	6.47	0.07	26.192	0.218	1476.	3.9
117	118.2	6.567	33.390	6.38	0.08	26.209	0.222	1477.	4.2
119	120.0	6.637	33.411	6.32	0.08	26.216	0.226	1477.	4.5
121	122.0	6.734	33.446	6.25	0.09	26.231	0.229	1478.	4.6
123	124.0	6.811	33.468	6.19	0.09	26.238	0.233	1478.	4.9
125	126.0	6.943	33.525	6.12	0.11	26.265	0.236	1479.	5.2
127	127.8	7.044	33.554	6.06	0.11	26.274	0.239	1479.	5.2
129	130.1	7.116	33.585	5.74	0.13	26.288	0.243	1479.	5.2
131	132.0	7.293	33.671	5.57	0.16	26.331	0.247	1480.	4.9
133	134.1	7.379	33.698	5.51	0.18	26.341	0.250	1481.	4.4
135	135.8	7.405	33.709	5.47	0.20	26.346	0.253	1481.	4.1
137	138.0	7.436	33.725	5.43	0.22	26.354	0.257	1481.	3.6
139	140.1	7.438	33.725	5.42	0.22	26.354	0.260	1481.	2.8
141	141.8	7.442	33.728	5.42	0.23	26.356	0.263	1481.	2.6
143	144.1	7.475	33.750	5.43	0.25	26.368	0.267	1481.	2.4
145	145.9	7.506	33.762	5.44	0.25	26.374	0.270	1481.	2.3
147	148.2	7.506	33.762	5.45	0.25	26.373	0.274	1481.	2.4
149	149.9	7.505	33.761	5.45	0.25	26.373	0.277	1482.	2.5
151	151.9	7.504	33.761	5.46	0.25	26.373	0.280	1482.	2.5
153	154.2	7.519	33.773	5.46	0.24	26.380	0.284	1482.	2.5
155	155.9	7.562	33.793	5.45	0.24	26.390	0.287	1482.	2.6
157	158.1	7.589	33.806	5.44	0.24	26.396	0.290	1482.	2.6
159	160.0	7.589	33.810	5.44	0.25	26.399	0.294	1482.	2.3
160	161.8	7.588	33.811	5.44	0.26	26.400	0.297	1482.	1.9
163	164.2	7.588	33.812	5.44	0.27	26.401	0.301	1482.	1.5
165	165.9	7.591	33.814	5.43	0.26	26.402	0.303	1482.	1.3
167	168.0	7.586	33.813	5.43	0.25	26.402	0.307	1482.	1.4
169	170.1	7.577	33.812	5.44	0.23	26.403	0.310	1482.	1.6
170	171.9	7.568	33.812	5.45	0.23	26.404	0.313	1482.	1.8
173	174.0	7.562	33.814	5.45	0.23	26.407	0.316	1482.	2.0
174	175.9	7.563	33.820	5.46	0.23	26.411	0.320	1482.	2.5
177	178.1	7.575	33.828	5.45	0.25	26.415	0.323	1482.	2.7
178	179.7	7.579	33.829	5.44	0.25	26.415	0.326	1482.	2.8
181	182.2	7.596	33.841	5.41	0.28	26.423	0.330	1482.	2.8
183	184.1	7.648	33.870	5.37	0.32	26.438	0.333	1483.	2.8
184	185.9	7.666	33.874	5.33	0.33	26.439	0.336	1483.	2.7
187	188.3	7.684	33.881	5.29	0.34	26.441	0.340	1483.	2.5
188	189.2	7.683	33.881	5.27	0.35	26.442	0.341	1483.	2.0
188	190.0	7.688	33.882	5.26	0.35	26.442	0.342	1483.	1.2
189	191.1	7.690	33.882	5.25	0.35	26.442	0.344	1483.	1.2
190	191.9	7.691	33.882	5.25	0.35	26.442	0.346	1483.	1.0
191	193.1	7.695	33.885	5.26	0.35	26.443	0.347	1483.	0.9
192	193.9	7.696	33.886	5.27	0.35	26.443	0.349	1483.	0.9

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	46	08 FEB 1987	0912	42°34.3'N	68°59.0'W	205

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
193	195.1	7.698	33.886	5.28	0.36	26.443	0.351	1483.	0.8
194	196.0	7.698	33.886	5.11	0.36	26.443	0.352	1483.	0.8
195	197.1	7.699	33.886	4.97	0.36	26.443	0.354	1483.	0.8
196	197.9	7.699	33.886	4.98	0.36	26.443	0.355	1483.	0.8
198	199.2	7.699	33.886	5.12	0.38	26.443	0.357	1483.	0.8

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	47	08 FEB 1987	1036	42°35.4'N	68°45.1'W	195

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.6	4.808	32.829	7.60	0.12	25.976	0.000	1467.	1.9
4	3.9	4.806	32.829	7.78	0.12	25.976	0.002	1467.	1.9
6	6.1	4.805	32.829	7.64	0.12	25.976	0.007	1467.	1.9
8	7.9	4.805	32.829	7.78	0.12	25.976	0.011	1467.	1.9
10	10.2	4.816	32.835	7.78	0.12	25.979	0.015	1467.	1.9
12	11.9	4.835	32.843	7.63	0.12	25.983	0.019	1467.	2.4
14	14.1	4.841	32.844	7.36	0.12	25.984	0.023	1468.	2.8
16	15.9	4.857	32.851	7.36	0.12	25.988	0.027	1468.	3.1
18	18.0	4.894	32.865	7.33	0.12	25.995	0.031	1468.	3.4
20	20.0	4.950	32.890	7.30	0.11	26.008	0.035	1468.	3.6
22	22.1	5.072	32.921	7.15	0.10	26.019	0.039	1469.	3.7
24	24.0	5.111	32.927	7.14	0.10	26.020	0.043	1469.	3.9
26	26.0	5.252	32.973	7.09	0.09	26.040	0.047	1470.	4.0
28	27.9	5.331	32.988	7.07	0.09	26.043	0.051	1470.	4.0
30	30.0	5.434	33.010	7.03	0.08	26.049	0.055	1470.	4.3
32	32.0	5.577	33.060	6.98	0.08	26.071	0.058	1471.	4.4
34	34.0	5.675	33.087	6.94	0.07	26.081	0.062	1472.	4.3
36	36.0	5.737	33.108	6.93	0.07	26.090	0.066	1472.	4.3
38	38.0	5.866	33.157	6.88	0.07	26.113	0.070	1472.	4.0
40	40.1	5.911	33.168	6.86	0.07	26.117	0.074	1473.	3.6
42	42.0	5.933	33.185	6.84	0.07	26.127	0.078	1473.	3.2
44	44.1	5.962	33.191	6.81	0.06	26.128	0.082	1473.	2.9
46	45.9	5.970	33.195	6.80	0.06	26.130	0.085	1473.	2.6
48	48.1	5.968	33.197	6.80	0.06	26.132	0.089	1473.	2.7
50	49.9	5.984	33.200	6.79	0.06	26.133	0.093	1473.	2.8
52	52.1	6.085	33.234	6.75	0.06	26.147	0.096	1474.	3.0
54	54.0	6.245	33.266	6.69	0.06	26.152	0.100	1474.	3.1
56	56.0	6.387	33.295	6.64	0.07	26.156	0.104	1475.	3.2
58	58.0	6.442	33.316	6.59	0.08	26.166	0.107	1475.	3.1
59	59.9	6.486	33.329	6.55	0.08	26.171	0.111	1476.	2.9
62	62.1	6.484	33.335	6.53	0.09	26.176	0.115	1476.	2.8
63	63.9	6.480	33.339	6.52	0.09	26.180	0.118	1476.	2.8
65	66.0	6.473	33.343	6.52	0.09	26.183	0.122	1476.	2.7
67	68.0	6.441	33.343	6.53	0.09	26.188	0.126	1476.	2.8
69	69.9	6.455	33.353	6.52	0.09	26.194	0.129	1476.	2.9
72	72.2	6.504	33.366	6.50	0.09	26.198	0.134	1476.	2.9
73	73.9	6.559	33.385	6.48	0.09	26.205	0.137	1476.	3.1
75	76.0	6.638	33.404	6.45	0.10	26.211	0.140	1476.	3.1
77	78.0	6.681	33.420	6.43	0.10	26.217	0.144	1477.	3.1
79	80.1	6.766	33.443	6.39	0.10	26.224	0.148	1477.	3.1
81	81.9	6.866	33.473	6.34	0.11	26.234	0.151	1478.	3.0
83	84.2	6.923	33.486	6.31	0.11	26.237	0.155	1478.	2.8
85	85.7	6.948	33.493	6.29	0.11	26.239	0.158	1478.	2.7
87	88.2	6.995	33.510	6.26	0.12	26.246	0.162	1478.	2.5
89	89.7	7.012	33.517	6.24	0.12	26.249	0.165	1478.	2.4
91	92.0	7.033	33.522	6.23	0.12	26.251	0.169	1478.	2.5
93	93.9	7.060	33.534	6.22	0.12	26.256	0.172	1479.	2.6
95	96.0	7.068	33.537	6.19	0.13	26.258	0.176	1479.	2.6
97	98.0	7.055	33.543	6.17	0.15	26.264	0.180	1479.	2.6
99	100.1	7.092	33.561	6.14	0.16	26.273	0.183	1479.	2.5

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	47	08 FEB 1987	1036	42°35.4'N	68°45.1'W	195

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.1	7.113	33.568	6.12	0.16	26.276	0.187	1479.	2.3
103	103.9	7.126	33.574	6.09	0.16	26.278	0.190	1479.	2.2
105	106.1	7.142	33.578	6.07	0.16	26.280	0.194	1479.	2.0
107	108.1	7.145	33.579	6.06	0.16	26.280	0.197	1479.	2.0
109	109.9	7.150	33.582	6.05	0.16	26.281	0.200	1479.	2.2
111	112.1	7.170	33.590	6.03	0.16	26.285	0.204	1479.	2.4
113	113.7	7.195	33.600	6.02	0.16	26.290	0.207	1480.	2.6
115	116.0	7.242	33.619	6.00	0.16	26.298	0.211	1480.	2.7
117	117.8	7.266	33.628	5.80	0.16	26.302	0.214	1480.	2.7
119	120.0	7.288	33.638	5.63	0.16	26.306	0.218	1480.	2.5
121	122.0	7.305	33.647	5.62	0.17	26.311	0.221	1480.	2.2
123	124.0	7.337	33.658	5.61	0.17	26.315	0.225	1480.	2.1
125	126.0	7.346	33.659	5.60	0.17	26.315	0.228	1480.	2.1
127	128.0	7.353	33.661	5.60	0.17	26.315	0.232	1480.	2.1
129	130.1	7.362	33.664	5.60	0.18	26.317	0.235	1481.	2.2
131	132.0	7.393	33.680	5.60	0.17	26.325	0.238	1481.	2.3
133	134.0	7.414	33.686	5.60	0.17	26.327	0.242	1481.	2.5
135	136.0	7.435	33.697	5.60	0.17	26.332	0.245	1481.	2.6
137	138.0	7.459	33.708	5.60	0.16	26.338	0.249	1481.	2.6
139	140.1	7.469	33.712	5.61	0.16	26.340	0.252	1481.	2.6
141	141.9	7.485	33.721	5.61	0.16	26.344	0.255	1481.	2.7
143	144.1	7.513	33.734	5.60	0.15	26.350	0.259	1481.	2.8
145	145.9	7.526	33.737	5.59	0.15	26.351	0.262	1481.	2.9
147	148.1	7.564	33.755	5.57	0.14	26.359	0.266	1482.	2.9
149	149.9	7.563	33.761	5.57	0.14	26.364	0.269	1482.	2.9
151	152.2	7.528	33.767	5.58	0.14	26.374	0.273	1482.	2.8
153	153.9	7.531	33.771	5.56	0.14	26.377	0.276	1482.	2.8
155	156.0	7.538	33.777	5.54	0.14	26.381	0.279	1482.	2.5
157	157.9	7.536	33.781	5.53	0.14	26.384	0.282	1482.	2.4
159	160.0	7.534	33.785	5.53	0.14	26.387	0.286	1482.	2.7
161	161.9	7.529	33.787	5.52	0.14	26.390	0.289	1482.	3.2
163	163.9	7.530	33.791	5.51	0.14	26.392	0.292	1482.	3.7
165	166.0	7.534	33.799	5.51	0.14	26.398	0.295	1482.	4.1
167	168.0	7.514	33.820	5.51	0.15	26.418	0.299	1482.	4.5
169	170.0	7.464	33.837	5.51	0.17	26.439	0.302	1482.	4.8
171	172.0	7.431	33.850	5.49	0.20	26.453	0.305	1482.	4.9
172	173.9	7.433	33.866	5.46	0.24	26.466	0.308	1482.	4.8
175	176.0	7.428	33.890	5.41	0.30	26.485	0.311	1482.	4.6
177	178.1	7.387	33.900	5.39	0.32	26.499	0.315	1482.	4.2
178	180.0	7.364	33.906	5.36	0.34	26.507	0.318	1482.	3.9
180	181.3	7.361	33.907	5.34	0.35	26.508	0.320	1482.	3.5
180	182.0	7.362	33.907	5.33	0.35	26.508	0.321	1482.	2.7
181	183.0	7.360	33.909	5.31	0.36	26.510	0.322	1482.	1.8
182	184.0	7.360	33.910	5.30	0.36	26.510	0.324	1482.	1.2
183	185.0	7.360	33.909	5.29	0.36	26.510	0.325	1482.	1.0
184	186.0	7.360	33.909	5.28	0.36	26.510	0.327	1482.	0.9
185	187.0	7.360	33.909	5.28	0.36	26.510	0.329	1482.	0.9
186	187.6	7.360	33.910	5.28	0.36	26.510	0.330	1482.	0.9
188	189.3	7.360	33.910	5.30	0.37	26.510	0.332	1482.	0.9
188	189.9	7.360	33.911	5.28	0.38	26.511	0.333	1482.	0.9

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	48	08 FEB 1987	1407	42°35.2'N	68°30.4'W	221

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.6	4.187	32.303	8.27	0.14	25.623	0.000	1464.	7.0
4	4.1	4.184	32.303	8.27	0.13	25.623	0.004	1464.	7.0
6	6.0	4.179	32.303	8.28	0.14	25.624	0.008	1464.	7.0
8	8.0	4.147	32.312	8.27	0.15	25.634	0.013	1464.	7.0
10	10.0	4.169	32.371	8.24	0.15	25.679	0.017	1464.	7.0
12	12.0	4.275	32.452	8.17	0.16	25.733	0.022	1465.	7.9
14	14.1	4.364	32.498	8.13	0.16	25.759	0.027	1465.	8.6
16	15.8	4.430	32.540	8.08	0.16	25.787	0.030	1466.	8.8
18	18.1	4.641	32.664	7.96	0.13	25.863	0.035	1467.	8.7
20	20.0	4.855	32.794	7.87	0.13	25.943	0.039	1468.	8.3
22	22.0	5.100	32.884	7.73	0.12	25.987	0.043	1469.	7.9
24	24.0	5.234	32.935	7.67	0.12	26.012	0.047	1469.	7.4
26	26.0	5.344	32.980	7.60	0.12	26.035	0.051	1470.	6.5
28	28.0	5.387	32.999	7.57	0.12	26.046	0.055	1470.	5.7
30	29.8	5.406	33.015	7.56	0.11	26.056	0.059	1470.	5.2
32	32.1	5.499	33.082	7.52	0.11	26.098	0.063	1471.	4.9
34	34.1	5.588	33.109	7.47	0.11	26.108	0.067	1471.	4.6
36	35.9	5.631	33.125	7.43	0.11	26.116	0.071	1471.	4.3
38	38.1	5.651	33.130	7.42	0.11	26.118	0.075	1472.	3.8
40	40.0	5.689	33.149	7.41	0.11	26.128	0.078	1472.	3.2
42	42.1	5.741	33.166	7.38	0.11	26.136	0.082	1472.	3.0
43	43.8	5.768	33.175	7.38	0.11	26.139	0.085	1472.	2.9
46	46.0	5.794	33.185	7.36	0.11	26.144	0.089	1472.	2.7
48	48.2	5.827	33.198	7.34	0.10	26.151	0.094	1473.	2.3
50	50.0	5.855	33.205	7.32	0.10	26.152	0.097	1473.	2.0
51	51.9	5.881	33.212	7.31	0.10	26.155	0.100	1473.	1.7
53	53.9	5.903	33.216	7.30	0.10	26.155	0.104	1473.	1.4
56	56.1	5.909	33.217	7.28	0.10	26.156	0.108	1473.	0.9
58	58.0	5.925	33.220	7.26	0.10	26.156	0.112	1473.	0.7
59	59.8	5.934	33.222	7.24	0.11	26.156	0.115	1473.	0.5
62	62.0	5.940	33.223	7.22	0.10	26.156	0.119	1473.	0.5
64	64.0	5.945	33.224	7.20	0.10	26.156	0.123	1473.	0.5
65	65.8	5.950	33.224	7.19	0.10	26.156	0.126	1473.	0.5
68	68.2	5.955	33.225	7.18	0.10	26.156	0.131	1473.	0.6
69	69.8	5.958	33.226	7.15	0.10	26.157	0.134	1473.	0.7
71	72.0	5.962	33.227	6.98	0.10	26.157	0.138	1474.	0.7
73	74.0	5.970	33.229	6.80	0.10	26.157	0.141	1474.	0.8
75	76.1	5.976	33.231	6.79	0.10	26.158	0.145	1474.	0.7
77	78.0	5.980	33.231	6.80	0.10	26.158	0.149	1474.	0.8
79	80.0	5.982	33.233	6.80	0.10	26.158	0.153	1474.	1.0
81	81.9	5.983	33.232	6.82	0.10	26.158	0.156	1474.	1.2
83	84.1	5.986	33.233	6.84	0.10	26.159	0.160	1474.	1.4
85	86.1	5.989	33.235	6.86	0.10	26.160	0.164	1474.	1.6
87	87.8	6.014	33.244	6.86	0.10	26.164	0.167	1474.	1.8
89	89.9	6.050	33.252	6.84	0.10	26.166	0.171	1474.	2.2
91	92.2	6.081	33.261	6.80	0.10	26.169	0.175	1474.	3.0
93	94.0	6.092	33.265	6.77	0.10	26.170	0.178	1474.	3.5
95	95.9	6.117	33.271	6.74	0.10	26.172	0.182	1475.	3.9
97	98.0	6.213	33.307	6.68	0.10	26.188	0.186	1475.	4.1
99	100.0	6.477	33.390	6.54	0.11	26.220	0.190	1476.	4.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	48	08 FEB 1987	1407	42°35.2'N	68°30.4'W	221

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	101.9	6.628	33.416	6.40	0.11	26.221	0.193	1477.	4.3
103	104.1	6.818	33.473	6.25	0.12	26.240	0.197	1478.	4.2
105	105.8	6.911	33.486	6.18	0.13	26.238	0.200	1478.	3.9
107	108.0	7.059	33.530	6.09	0.15	26.253	0.204	1479.	3.7
109	110.1	7.125	33.551	6.05	0.16	26.261	0.207	1479.	3.7
111	112.1	7.119	33.564	6.04	0.15	26.272	0.211	1479.	3.6
113	113.9	7.102	33.570	5.82	0.15	26.279	0.214	1479.	3.6
115	116.1	7.130	33.592	5.67	0.15	26.292	0.218	1479.	3.3
117	117.9	7.146	33.596	5.67	0.15	26.293	0.221	1479.	3.2
119	120.2	7.196	33.613	5.68	0.15	26.300	0.225	1480.	3.0
121	121.9	7.248	33.629	5.67	0.15	26.305	0.228	1480.	2.7
123	123.6	7.265	33.633	5.69	0.16	26.306	0.231	1480.	2.6
126	126.8	7.326	33.658	5.70	0.16	26.317	0.237	1480.	2.6
127	127.9	7.340	33.661	5.71	0.16	26.317	0.238	1480.	2.7
129	130.1	7.357	33.667	5.70	0.16	26.319	0.242	1480.	2.9
131	132.0	7.401	33.685	5.67	0.16	26.327	0.245	1481.	3.1
133	134.1	7.433	33.692	5.65	0.16	26.329	0.249	1481.	3.2
135	136.0	7.485	33.715	5.62	0.16	26.340	0.252	1481.	3.3
137	138.0	7.526	33.737	5.59	0.16	26.351	0.256	1481.	3.4
139	139.9	7.550	33.750	5.58	0.16	26.358	0.259	1482.	3.6
141	142.0	7.565	33.760	5.58	0.17	26.364	0.262	1482.	3.8
143	144.0	7.572	33.768	5.58	0.17	26.369	0.266	1482.	3.7
145	146.0	7.609	33.784	5.56	0.17	26.376	0.269	1482.	3.9
147	148.0	7.660	33.821	5.53	0.17	26.397	0.272	1482.	4.0
149	149.9	7.692	33.835	5.51	0.16	26.404	0.275	1482.	4.1
151	152.1	7.710	33.848	5.49	0.16	26.412	0.279	1482.	4.0
153	154.1	7.739	33.877	5.48	0.17	26.430	0.282	1483.	3.8
155	156.0	7.756	33.887	5.46	0.17	26.436	0.285	1483.	3.5
157	158.1	7.770	33.898	5.44	0.17	26.442	0.289	1483.	3.3
159	160.0	7.773	33.904	5.44	0.17	26.447	0.292	1483.	3.1
160	161.8	7.778	33.910	5.43	0.17	26.451	0.295	1483.	2.8
163	164.1	7.786	33.918	5.42	0.17	26.456	0.298	1483.	2.9
165	166.1	7.796	33.928	5.42	0.18	26.462	0.301	1483.	3.0
167	168.0	7.802	33.934	5.41	0.18	26.466	0.304	1483.	3.3
169	170.0	7.807	33.941	5.40	0.18	26.471	0.308	1483.	3.7
171	172.2	7.804	33.956	5.40	0.19	26.483	0.311	1483.	3.9
173	174.0	7.797	33.965	5.39	0.19	26.491	0.314	1483.	3.9
174	175.9	7.665	33.961	5.42	0.21	26.507	0.317	1483.	3.8
177	178.1	7.657	33.978	5.40	0.23	26.522	0.320	1483.	3.6
179	180.1	7.682	33.991	5.38	0.23	26.528	0.323	1483.	3.1
181	182.1	7.696	33.996	5.37	0.23	26.530	0.326	1483.	2.7
183	184.1	7.698	33.997	5.37	0.23	26.530	0.329	1483.	2.1
184	185.9	7.696	33.997	5.37	0.23	26.531	0.332	1483.	1.7
186	188.1	7.696	33.998	5.37	0.23	26.531	0.335	1483.	1.6
188	189.9	7.686	33.999	5.38	0.24	26.534	0.338	1483.	1.6
190	191.3	7.680	34.002	5.38	0.25	26.537	0.340	1483.	1.9
190	192.0	7.678	34.002	5.38	0.26	26.537	0.341	1483.	2.5
191	192.9	7.676	34.003	5.37	0.26	26.538	0.343	1483.	3.3
192	193.9	7.671	34.002	5.37	0.28	26.539	0.344	1483.	3.9
193	195.0	7.675	34.010	5.37	0.31	26.544	0.346	1483.	4.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	48	08 FEB 1987	1407	42°35.2'N	68°30.4'W	221

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
194	196.0	7.700	34.028	5.37	0.32	26.555	0.347	1483.	4.3
195	197.0	7.744	34.052	5.35	0.36	26.567	0.349	1484.	4.2
196	198.0	7.769	34.063	5.34	0.37	26.572	0.350	1484.	3.9
197	199.0	7.781	34.068	5.34	0.40	26.574	0.352	1484.	3.4
198	200.1	7.791	34.073	5.32	0.41	26.576	0.353	1484.	2.6
199	201.0	7.792	34.072	5.32	0.42	26.576	0.355	1484.	1.7
200	201.9	7.794	34.073	5.32	0.42	26.576	0.356	1484.	1.2
201	203.0	7.794	34.073	5.31	0.42	26.577	0.358	1484.	0.8
202	204.0	7.794	34.073	5.32	0.42	26.576	0.359	1484.	0.5
203	205.0	7.795	34.074	5.32	0.42	26.577	0.361	1484.	0.6
204	206.0	7.796	34.074	5.32	0.42	26.577	0.362	1484.	0.5
205	207.0	7.797	34.074	5.32	0.42	26.577	0.364	1484.	0.5
206	208.0	7.797	34.074	5.32	0.42	26.577	0.365	1484.	0.5
207	209.0	7.797	34.074	5.32	0.43	26.577	0.367	1484.	0.3
208	209.9	7.797	34.074	5.32	0.42	26.577	0.368	1484.	-0.1
209	211.0	7.797	34.074	5.32	0.41	26.577	0.370	1484.	0.2
210	212.1	7.797	34.074	5.33	0.43	26.577	0.371	1484.	0.2
211	213.0	7.798	34.074	5.33	0.44	26.576	0.373	1484.	0.2
212	214.0	7.798	34.074	5.33	0.45	26.577	0.374	1484.	0.2
213	214.8	7.798	34.075	5.33	0.41	26.577	0.375	1484.	0.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	49	08 FEB 1987	1539	42°34.7'N	68°14.9'W	192

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.4	4.626	32.622	7.43	0.11	25.831	0.000	1466.	7.2
4	3.9	4.624	32.622	7.45	0.11	25.831	0.003	1466.	7.2
6	6.0	4.631	32.626	7.44	0.11	25.833	0.008	1466.	7.2
8	8.0	4.640	32.629	7.42	0.11	25.835	0.012	1466.	7.2
10	10.1	4.805	32.747	7.32	0.11	25.911	0.016	1467.	7.2
12	11.9	5.025	32.878	7.24	0.11	25.990	0.020	1468.	7.3
14	14.0	5.166	32.919	7.15	0.11	26.007	0.024	1469.	7.0
16	15.8	5.240	32.951	7.10	0.10	26.024	0.028	1469.	6.3
18	17.9	5.353	32.993	7.06	0.10	26.045	0.032	1470.	5.3
20	20.0	5.423	33.012	7.03	0.10	26.051	0.036	1470.	4.5
22	22.0	5.483	33.033	6.99	0.10	26.061	0.040	1471.	4.3
24	23.9	5.491	33.036	6.99	0.10	26.062	0.044	1471.	4.3
26	26.0	5.542	33.074	6.96	0.10	26.086	0.048	1471.	4.5
28	28.0	5.600	33.097	6.94	0.10	26.098	0.052	1471.	4.7
30	29.9	5.637	33.111	6.92	0.10	26.104	0.055	1471.	4.7
32	31.9	5.713	33.147	6.88	0.10	26.124	0.059	1472.	4.5
34	34.0	5.880	33.212	6.83	0.10	26.155	0.063	1473.	4.1
36	36.1	5.946	33.229	6.80	0.10	26.160	0.067	1473.	3.7
38	38.0	5.948	33.229	6.80	0.09	26.160	0.070	1473.	3.1
40	40.0	5.952	33.230	6.79	0.09	26.160	0.074	1473.	2.3
42	42.2	5.963	33.234	6.78	0.09	26.162	0.078	1473.	1.4
44	44.1	5.972	33.238	6.78	0.09	26.164	0.082	1473.	1.2
46	46.0	5.974	33.239	6.79	0.09	26.164	0.085	1473.	1.2
47	47.8	5.981	33.241	6.78	0.09	26.165	0.089	1473.	1.2
50	50.3	5.982	33.241	6.79	0.09	26.165	0.093	1473.	1.0
51	51.8	5.986	33.243	6.79	0.09	26.166	0.096	1473.	0.9
54	54.0	5.989	33.245	6.78	0.09	26.167	0.100	1473.	0.7
56	56.1	5.992	33.245	6.78	0.09	26.167	0.104	1473.	0.6
58	58.0	5.991	33.245	6.79	0.09	26.167	0.107	1473.	0.4
59	59.9	5.987	33.244	6.79	0.09	26.167	0.111	1473.	-0.1
62	62.1	5.988	33.244	6.80	0.09	26.167	0.115	1473.	-0.3
63	64.0	5.986	33.244	6.81	0.09	26.167	0.118	1474.	-0.2
65	66.0	5.986	33.244	6.81	0.09	26.167	0.122	1474.	0.0
68	68.2	5.986	33.243	6.80	0.09	26.167	0.126	1474.	0.4
70	70.1	5.987	33.244	6.80	0.09	26.167	0.130	1474.	0.6
71	71.9	5.987	33.244	6.80	0.09	26.167	0.133	1474.	0.9
73	74.0	5.989	33.244	6.80	0.09	26.167	0.137	1474.	1.0
75	76.0	5.994	33.247	6.79	0.09	26.168	0.141	1474.	1.2
77	77.8	6.001	33.249	6.80	0.09	26.169	0.144	1474.	1.3
80	80.2	6.014	33.254	6.79	0.09	26.171	0.148	1474.	1.3
81	81.9	6.019	33.255	6.78	0.09	26.171	0.151	1474.	1.2
83	84.1	6.034	33.259	6.78	0.09	26.173	0.155	1474.	1.1
85	86.0	6.047	33.262	6.78	0.09	26.174	0.159	1474.	1.1
87	88.0	6.051	33.262	6.78	0.09	26.174	0.163	1474.	1.0
89	89.9	6.053	33.264	6.77	0.08	26.174	0.166	1474.	0.9
91	92.2	6.053	33.264	6.77	0.08	26.175	0.170	1474.	0.8
93	93.9	6.051	33.265	6.77	0.08	26.175	0.174	1474.	0.9
95	96.1	6.050	33.265	6.76	0.08	26.176	0.178	1474.	0.9
97	97.8	6.049	33.265	6.77	0.08	26.176	0.181	1474.	1.2
99	100.0	6.049	33.266	6.77	0.08	26.177	0.185	1474.	1.6

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	49	08 FEB 1987	1539	42°34.7'N	68°14.9'W	192

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	101.9	6.053	33.267	6.75	0.08	26.177	0.188	1474.	1.9
104	104.4	6.067	33.271	6.74	0.08	26.178	0.193	1475.	2.3
105	105.9	6.097	33.283	6.72	0.08	26.184	0.196	1475.	2.5
107	108.0	6.165	33.303	6.68	0.08	26.192	0.199	1475.	2.8
109	110.1	6.180	33.310	6.64	0.08	26.195	0.203	1475.	2.9
111	111.9	6.206	33.323	6.59	0.08	26.202	0.207	1475.	2.9
113	114.0	6.233	33.334	6.54	0.08	26.207	0.210	1475.	2.9
115	115.9	6.263	33.348	6.48	0.08	26.215	0.214	1476.	2.8
117	118.1	6.282	33.354	6.43	0.09	26.217	0.218	1476.	2.9
119	120.2	6.301	33.363	6.38	0.09	26.221	0.222	1476.	3.0
121	121.9	6.329	33.374	6.35	0.09	26.227	0.225	1476.	3.1
123	123.9	6.364	33.388	6.32	0.10	26.233	0.228	1476.	3.3
125	126.2	6.386	33.399	6.09	0.10	26.239	0.232	1476.	3.5
127	128.0	6.431	33.423	5.88	0.10	26.252	0.236	1477.	3.7
129	129.8	6.454	33.436	5.86	0.11	26.259	0.239	1477.	3.7
131	132.1	6.479	33.455	5.82	0.12	26.271	0.243	1477.	3.9
133	134.1	6.495	33.467	5.81	0.12	26.278	0.246	1477.	4.0
135	135.8	6.505	33.477	5.80	0.13	26.285	0.249	1477.	3.9
137	137.8	6.517	33.490	5.80	0.13	26.294	0.253	1477.	3.8
139	140.2	6.547	33.519	5.80	0.16	26.313	0.257	1477.	3.6
141	142.2	6.588	33.538	5.79	0.21	26.323	0.260	1478.	3.4
143	143.9	6.612	33.546	5.77	0.16	26.325	0.263	1478.	3.2
145	145.9	6.645	33.556	5.75	0.16	26.329	0.267	1478.	3.0
147	148.2	6.676	33.564	5.74	0.16	26.331	0.271	1478.	2.8
149	150.1	6.690	33.569	5.74	0.16	26.334	0.274	1478.	2.9
151	151.9	6.709	33.582	5.73	0.16	26.341	0.277	1478.	3.2
153	153.9	6.744	33.604	5.71	0.17	26.354	0.280	1478.	3.5
155	156.0	6.748	33.610	5.70	0.18	26.358	0.284	1478.	3.8
156	157.7	6.745	33.616	5.69	0.18	26.363	0.287	1479.	3.9
159	160.0	6.767	33.638	5.67	0.19	26.377	0.290	1479.	4.0
161	162.1	6.825	33.670	5.64	0.20	26.395	0.294	1479.	4.0
162	163.8	6.842	33.679	5.62	0.20	26.400	0.297	1479.	4.0
164	165.8	6.911	33.702	5.58	0.20	26.409	0.300	1479.	4.0
167	168.1	7.045	33.744	5.51	0.19	26.423	0.304	1480.	4.0
169	170.1	7.083	33.757	5.47	0.19	26.428	0.307	1480.	4.1
170	171.8	7.109	33.768	5.45	0.20	26.434	0.310	1480.	4.1
173	174.1	7.151	33.802	5.42	0.26	26.455	0.313	1481.	4.1
175	176.0	7.171	33.823	5.39	0.27	26.468	0.316	1481.	4.1
176	177.2	7.180	33.831	5.38	0.28	26.474	0.318	1481.	4.1
177	178.0	7.181	33.832	5.37	0.28	26.474	0.320	1481.	4.0
178	179.1	7.182	33.834	5.37	0.29	26.475	0.321	1481.	3.6
178	179.8	7.186	33.838	5.29	0.28	26.478	0.322	1481.	3.4
180	181.0	7.208	33.853	5.00	0.30	26.487	0.324	1481.	3.6
181	182.0	7.225	33.863	4.99	0.30	26.492	0.326	1481.	3.8
182	183.0	7.235	33.866	5.00	0.30	26.494	0.327	1481.	4.2
182	184.0	7.248	33.872	5.01	0.30	26.496	0.329	1481.	4.2
183	185.0	7.273	33.888	5.01	0.30	26.505	0.331	1481.	4.2
184	185.9	7.294	33.897	5.03	0.31	26.510	0.332	1481.	4.2
185	187.0	7.352	33.927	5.04	0.33	26.525	0.334	1482.	4.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	50	08 FEB 1987	1711	42°33.4'N	67°59.9'W	207

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.2	5.126	32.927	7.12	0.12	26.018	0.000	1469.	1.3
4	3.9	5.125	32.929	7.11	0.13	26.020	0.003	1469.	1.3
6	6.0	5.123	32.929	7.10	0.13	26.020	0.007	1469.	1.3
8	8.2	5.123	32.929	7.09	0.13	26.020	0.012	1469.	1.3
10	10.0	5.123	32.929	7.11	0.13	26.020	0.015	1469.	1.3
12	12.1	5.122	32.930	7.11	0.13	26.021	0.020	1469.	1.5
14	14.1	5.116	32.930	7.12	0.13	26.022	0.023	1469.	1.8
16	15.9	5.103	32.930	7.13	0.14	26.023	0.027	1469.	2.0
18	18.0	5.084	32.936	7.15	0.13	26.030	0.031	1469.	2.0
20	20.0	5.080	32.937	7.14	0.13	26.031	0.035	1469.	2.8
22	22.1	5.094	32.946	7.15	0.14	26.036	0.039	1469.	3.5
24	24.0	5.104	32.951	7.15	0.13	26.039	0.043	1469.	3.9
26	26.1	5.127	32.950	7.14	0.15	26.036	0.047	1469.	4.1
28	28.0	5.368	33.032	7.04	0.12	26.073	0.051	1470.	4.2
30	29.9	5.648	33.103	6.93	0.11	26.097	0.055	1471.	4.2
32	31.9	5.725	33.113	6.90	0.11	26.095	0.058	1472.	4.1
34	34.0	5.756	33.124	6.87	0.10	26.100	0.062	1472.	3.7
36	36.0	5.814	33.146	6.84	0.09	26.110	0.066	1472.	2.9
38	38.0	5.864	33.162	6.82	0.09	26.117	0.070	1472.	2.5
40	39.9	5.868	33.163	6.83	0.09	26.117	0.073	1473.	2.4
42	42.1	5.867	33.166	6.83	0.09	26.120	0.078	1473.	2.0
44	44.1	5.864	33.167	6.83	0.08	26.121	0.081	1473.	1.7
46	45.9	5.871	33.171	6.83	0.08	26.124	0.085	1473.	1.4
48	48.0	5.874	33.173	6.83	0.08	26.124	0.089	1473.	1.4
50	50.2	5.877	33.174	6.83	0.08	26.125	0.093	1473.	1.2
51	51.8	5.876	33.175	6.83	0.08	26.126	0.096	1473.	1.1
54	54.1	5.882	33.177	6.83	0.08	26.127	0.100	1473.	1.0
56	56.0	5.888	33.178	6.83	0.08	26.127	0.104	1473.	1.0
58	58.2	5.902	33.181	6.83	0.08	26.128	0.108	1473.	1.0
59	60.0	5.903	33.181	6.83	0.08	26.127	0.111	1473.	1.2
61	62.0	5.897	33.181	6.83	0.08	26.128	0.115	1473.	1.4
64	64.1	5.905	33.185	6.83	0.08	26.130	0.119	1473.	1.6
65	65.8	5.913	33.186	6.82	0.08	26.131	0.122	1473.	1.9
67	67.9	5.941	33.197	6.80	0.07	26.135	0.126	1473.	2.2
69	69.9	5.982	33.205	6.78	0.08	26.136	0.130	1474.	2.4
72	72.2	6.062	33.221	6.75	0.08	26.139	0.134	1474.	2.5
73	73.8	6.149	33.245	6.70	0.08	26.147	0.137	1474.	2.5
75	76.0	6.255	33.272	6.65	0.08	26.156	0.141	1475.	2.7
77	78.1	6.294	33.279	6.61	0.08	26.156	0.145	1475.	3.2
79	79.9	6.302	33.281	6.57	0.08	26.157	0.149	1475.	3.6
81	82.1	6.334	33.294	6.52	0.07	26.163	0.153	1475.	3.8
83	83.8	6.410	33.320	6.46	0.08	26.174	0.156	1476.	4.1
85	86.1	6.550	33.378	6.36	0.09	26.202	0.160	1476.	4.4
87	88.2	6.606	33.401	6.28	0.10	26.212	0.164	1477.	4.7
89	90.0	6.591	33.410	6.22	0.10	26.221	0.167	1477.	5.0
91	92.1	6.597	33.427	6.19	0.11	26.234	0.171	1477.	5.1
93	94.0	6.582	33.440	5.97	0.12	26.246	0.174	1477.	5.1
95	95.9	6.618	33.478	5.75	0.13	26.271	0.178	1477.	5.1
97	98.0	6.641	33.513	5.70	0.15	26.296	0.181	1477.	4.9
99	100.1	6.652	33.537	5.66	0.16	26.314	0.185	1477.	4.6

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	50	08 FEB 1987	1711	42°33.4'N	67°59.9'W	207

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	6.678	33.555	5.64	0.17	26.324	0.188	1477.	4.0
103	103.8	6.693	33.562	5.64	0.17	26.327	0.191	1477.	3.3
105	106.0	6.701	33.566	5.66	0.17	26.330	0.195	1477.	2.7
107	107.9	6.713	33.572	5.69	0.17	26.333	0.198	1478.	2.2
109	110.1	6.721	33.576	5.71	0.17	26.335	0.202	1478.	1.9
111	112.0	6.738	33.582	5.71	0.18	26.337	0.205	1478.	1.7
113	114.0	6.737	33.585	5.72	0.18	26.340	0.208	1478.	1.7
115	115.9	6.730	33.585	5.72	0.18	26.341	0.212	1478.	1.9
117	118.1	6.720	33.584	5.72	0.18	26.341	0.215	1478.	2.2
119	120.1	6.711	33.583	5.71	0.19	26.342	0.219	1478.	2.4
121	122.0	6.707	33.587	5.71	0.19	26.346	0.222	1478.	2.6
123	124.0	6.714	33.602	5.71	0.20	26.356	0.225	1478.	2.6
125	125.8	6.718	33.610	5.70	0.21	26.362	0.228	1478.	2.6
127	128.0	6.719	33.616	5.68	0.22	26.367	0.232	1478.	2.4
129	129.9	6.718	33.619	5.67	0.22	26.369	0.235	1478.	2.2
131	132.0	6.719	33.619	5.67	0.22	26.369	0.239	1478.	1.9
133	134.1	6.723	33.621	5.68	0.22	26.370	0.242	1478.	1.9
135	136.0	6.733	33.625	5.67	0.22	26.372	0.245	1478.	2.0
137	137.9	6.771	33.635	5.66	0.22	26.375	0.248	1478.	2.3
139	140.0	6.805	33.647	5.65	0.22	26.380	0.252	1478.	2.7
141	141.9	6.856	33.661	5.63	0.22	26.384	0.255	1479.	2.8
143	144.1	6.925	33.678	5.61	0.21	26.387	0.259	1479.	3.0
145	146.1	7.021	33.709	5.59	0.21	26.399	0.262	1480.	3.0
147	148.1	7.128	33.739	5.56	0.20	26.408	0.265	1480.	3.0
149	150.1	7.127	33.739	5.56	0.20	26.408	0.269	1480.	3.2
151	151.9	7.153	33.752	5.55	0.20	26.415	0.271	1480.	4.0
153	153.9	7.184	33.761	5.54	0.20	26.418	0.275	1480.	4.6
155	156.0	7.220	33.776	5.52	0.20	26.425	0.278	1481.	5.0
157	158.1	7.280	33.809	5.48	0.20	26.442	0.281	1481.	5.2
159	160.0	7.390	33.898	5.41	0.22	26.497	0.285	1481.	5.6
161	162.0	7.425	33.924	5.36	0.23	26.512	0.288	1482.	5.9
163	163.9	7.444	33.937	5.32	0.23	26.520	0.290	1482.	6.2
165	165.9	7.463	33.951	5.29	0.23	26.528	0.294	1482.	6.6
167	168.1	7.553	34.016	5.25	0.24	26.566	0.297	1482.	7.0
169	170.1	7.634	34.073	5.20	0.25	26.599	0.300	1483.	7.5
170	171.9	7.736	34.142	4.83	0.25	26.639	0.302	1483.	7.7
173	174.0	7.908	34.257	4.75	0.25	26.704	0.305	1484.	7.5
175	176.1	8.064	34.351	4.70	0.24	26.754	0.308	1485.	7.0
177	178.0	8.127	34.387	4.67	0.24	26.774	0.311	1485.	6.4
178	179.9	8.151	34.400	4.66	0.23	26.780	0.313	1485.	5.5
181	182.1	8.202	34.431	4.67	0.23	26.797	0.316	1486.	4.4
182	184.0	8.223	34.446	4.68	0.24	26.806	0.318	1486.	3.5
184	185.9	8.235	34.455	4.71	0.24	26.811	0.321	1486.	3.1
186	188.0	8.251	34.465	4.71	0.25	26.816	0.323	1486.	2.7
188	190.0	8.255	34.468	4.71	0.25	26.818	0.326	1486.	2.2
190	191.9	8.257	34.469	4.72	0.25	26.819	0.328	1486.	1.7
192	193.2	8.258	34.469	4.73	0.25	26.818	0.330	1486.	1.3
192	194.1	8.259	34.469	4.72	0.25	26.819	0.331	1486.	0.8
193	195.0	8.259	34.469	4.72	0.25	26.818	0.332	1486.	0.4
194	196.0	8.259	34.469	4.72	0.26	26.818	0.333	1486.	-0.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	50	08 FEB 1987	1711	42°33.4'N	67°59.9'W	207

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
195	197.0	8.260	34.470	4.71	0.25	26.819	0.335	1486.	-0.4
196	198.0	8.260	34.469	4.72	0.25	26.818	0.336	1486.	-0.6
197	199.0	8.260	34.469	4.72	0.26	26.818	0.337	1486.	-0.8
198	199.9	8.259	34.469	4.72	0.26	26.818	0.338	1486.	-0.8
199	200.9	8.259	34.469	4.72	0.26	26.818	0.340	1486.	-0.8
200	202.0	8.258	34.468	4.72	0.26	26.818	0.341	1486.	-0.8
201	202.8	8.255	34.466	4.73	0.26	26.816	0.342	1486.	-0.8

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	51	11 FEB 1987	0106	42°23.6'N	70°50.2'W	35

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.5	3.034	32.426	4.99	1.15	25.828	0.000	1459.	1.0
4	3.9	3.044	32.426	5.01	1.17	25.827	0.003	1459.	1.0
6	5.9	3.051	32.428	5.02	1.18	25.828	0.007	1459.	1.0
8	7.9	3.054	32.429	5.01	1.18	25.829	0.012	1459.	1.0
10	10.0	3.054	32.431	5.00	1.18	25.830	0.016	1459.	1.0
12	12.0	3.056	32.432	5.00	1.17	25.830	0.021	1460.	1.0
14	14.1	3.058	32.432	4.99	1.19	25.831	0.025	1460.	1.0
16	15.9	3.061	32.433	5.01	1.20	25.831	0.029	1460.	0.9
18	18.1	3.063	32.434	5.01	1.21	25.832	0.034	1460.	0.9
20	19.9	3.063	32.435	5.02	1.21	25.832	0.038	1460.	0.9
21	21.3	3.063	32.435	5.03	1.20	25.832	0.041	1460.	0.9
22	22.0	3.061	32.435	5.03	1.20	25.833	0.042	1460.	0.9
23	23.0	3.061	32.435	5.03	1.20	25.833	0.044	1460.	0.8
24	24.0	3.065	32.436	5.04	1.20	25.833	0.046	1460.	0.8
25	25.0	3.066	32.436	5.05	1.21	25.833	0.049	1460.	0.8
26	26.0	3.069	32.437	5.06	1.22	25.833	0.051	1460.	0.8
27	27.1	3.070	32.438	5.08	1.24	25.834	0.053	1460.	0.8

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	52	11 FEB 1987	0145	42°23.6'N	70°45.1'W	43

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.8	3.294	32.464	5.06	0.70	25.835	0.000	1460.	-0.5
4	4.0	3.296	32.465	5.08	0.71	25.836	0.003	1460.	-0.5
6	6.0	3.299	32.464	5.08	0.69	25.835	0.007	1460.	-0.5
8	8.0	3.293	32.465	5.08	0.71	25.836	0.011	1460.	-0.5
10	9.9	3.294	32.465	5.08	0.69	25.836	0.015	1461.	-0.5
12	12.1	3.301	32.464	5.07	0.71	25.835	0.020	1461.	-0.5
14	14.0	3.303	32.464	5.07	0.70	25.835	0.024	1461.	-0.5
16	16.1	3.305	32.464	5.07	0.72	25.835	0.029	1461.	-0.5
18	17.8	3.306	32.465	5.07	0.71	25.835	0.032	1461.	-0.2
20	20.1	3.304	32.464	5.08	0.71	25.835	0.037	1461.	0.3
22	21.9	3.304	32.465	5.09	0.71	25.835	0.041	1461.	0.4
24	24.2	3.304	32.465	5.09	0.71	25.835	0.046	1461.	0.3
25	25.3	3.304	32.465	5.10	0.71	25.835	0.049	1461.	0.3
26	26.0	3.304	32.465	5.11	0.71	25.835	0.050	1461.	-0.2
27	27.0	3.304	32.464	5.11	0.70	25.835	0.052	1461.	-0.3
28	28.0	3.304	32.465	5.10	0.70	25.835	0.054	1461.	-0.3
29	29.0	3.303	32.464	5.09	0.71	25.835	0.057	1461.	-0.3
30	30.0	3.303	32.464	5.10	0.71	25.835	0.059	1461.	0.2
31	31.0	3.302	32.464	5.09	0.71	25.835	0.061	1461.	0.3
32	32.1	3.301	32.464	5.09	0.71	25.835	0.063	1461.	0.3
33	33.0	3.301	32.464	5.09	0.70	25.835	0.065	1461.	0.4
34	34.0	3.300	32.464	5.09	0.71	25.835	0.067	1461.	0.4
35	35.0	3.301	32.464	5.11	0.71	25.835	0.069	1461.	0.3
36	36.0	3.301	32.464	5.13	0.70	25.835	0.072	1461.	0.3
37	37.1	3.300	32.464	5.13	0.71	25.835	0.074	1461.	0.3
38	38.0	3.298	32.464	5.15	0.70	25.835	0.076	1461.	0.3
38	38.7	3.299	32.464	5.15	0.71	25.835	0.078	1461.	0.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	53	11 FEB 1987	0218	42°23.5'N	70°40.1'W	70

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.5	3.428	32.490	5.02	0.58	25.844	0.000	1461.	0.4
4	3.9	3.432	32.489	5.03	0.56	25.843	0.003	1461.	0.4
6	6.1	3.447	32.492	5.02	0.56	25.844	0.008	1461.	0.4
8	7.8	3.448	32.492	5.03	0.56	25.844	0.011	1461.	0.4
10	10.1	3.450	32.494	5.04	0.56	25.845	0.016	1461.	0.4
12	12.0	3.456	32.494	5.04	0.55	25.845	0.020	1461.	0.4
14	14.1	3.448	32.492	5.06	0.56	25.844	0.025	1461.	0.6
16	15.9	3.447	32.492	5.07	0.56	25.844	0.029	1461.	0.7
18	18.0	3.452	32.494	5.08	0.56	25.845	0.033	1461.	0.9
20	20.1	3.457	32.494	5.08	0.56	25.845	0.038	1461.	1.2
22	22.1	3.476	32.500	5.07	0.55	25.847	0.042	1462.	1.3
24	23.9	3.474	32.500	5.08	0.55	25.847	0.046	1462.	1.4
26	26.2	3.485	32.503	5.09	0.54	25.849	0.051	1462.	1.6
28	27.9	3.500	32.508	5.08	0.53	25.852	0.054	1462.	1.9
30	30.1	3.505	32.509	5.09	0.53	25.852	0.059	1462.	2.2
32	31.9	3.510	32.511	5.09	0.52	25.853	0.063	1462.	2.5
34	34.1	3.548	32.524	5.09	0.51	25.860	0.068	1462.	2.7
36	36.0	3.585	32.536	5.08	0.49	25.867	0.072	1462.	2.8
38	38.1	3.617	32.548	5.08	0.48	25.873	0.076	1462.	2.9
40	40.0	3.654	32.561	5.06	0.46	25.880	0.080	1463.	2.8
42	42.1	3.693	32.572	5.06	0.45	25.885	0.085	1463.	2.7
44	43.9	3.710	32.577	5.05	0.44	25.887	0.089	1463.	2.7
46	46.1	3.740	32.586	5.05	0.44	25.891	0.093	1463.	2.7
48	48.0	3.760	32.592	5.05	0.44	25.894	0.097	1463.	2.7
50	50.0	3.782	32.600	5.04	0.44	25.898	0.101	1463.	2.7
51	51.3	3.820	32.617	5.03	0.43	25.908	0.104	1464.	2.7
52	52.2	3.840	32.618	5.03	0.43	25.908	0.106	1464.	2.5
53	52.9	3.861	32.624	5.01	0.42	25.910	0.107	1464.	2.3
54	54.0	3.860	32.621	5.01	0.43	25.908	0.110	1464.	1.7
55	55.0	3.867	32.623	5.02	0.43	25.909	0.112	1464.	1.0
56	56.0	3.863	32.621	5.02	0.42	25.908	0.114	1464.	1.4
57	57.0	3.875	32.628	5.01	0.42	25.912	0.116	1464.	1.7
58	58.0	3.887	32.627	5.00	0.42	25.910	0.118	1464.	2.0
59	59.0	3.885	32.627	5.00	0.42	25.910	0.120	1464.	2.1
59	60.0	3.907	32.636	4.99	0.44	25.915	0.122	1464.	2.1
61	61.1	3.925	32.641	4.99	0.44	25.917	0.124	1464.	1.9
61	61.9	3.929	32.641	4.98	0.44	25.917	0.126	1464.	1.8
63	63.1	3.931	32.643	4.99	0.45	25.918	0.129	1464.	1.8
63	63.9	3.932	32.643	4.99	0.45	25.918	0.130	1464.	1.8
65	65.1	3.933	32.643	4.98	0.45	25.918	0.133	1464.	1.8
65	65.8	3.935	32.643	4.95	0.46	25.918	0.134	1464.	1.8

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	54	11 FEB 1987	0301	42°23.5'N	70°35.2'W	88

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.0	3.673	32.580	4.93	0.50	25.893	0.000	1462.	0.6
4	3.8	3.675	32.580	4.92	0.49	25.893	0.004	1462.	0.6
6	5.9	3.673	32.580	4.93	0.49	25.893	0.008	1462.	0.6
8	7.9	3.673	32.581	4.94	0.49	25.893	0.012	1462.	0.6
10	9.9	3.685	32.582	4.93	0.49	25.894	0.017	1462.	0.6
12	11.9	3.702	32.584	4.93	0.49	25.894	0.021	1462.	0.6
14	13.9	3.710	32.587	4.94	0.48	25.895	0.025	1463.	0.5
16	16.0	3.717	32.587	4.94	0.48	25.895	0.029	1463.	0.4
18	18.0	3.717	32.587	4.95	0.48	25.894	0.033	1463.	0.8
20	19.9	3.712	32.586	4.96	0.48	25.894	0.037	1463.	0.8
22	22.1	3.723	32.588	4.96	0.49	25.895	0.042	1463.	0.9
24	24.0	3.733	32.589	4.96	0.48	25.894	0.046	1463.	1.1
26	26.0	3.752	32.597	4.94	0.48	25.899	0.050	1463.	1.1
28	27.8	3.768	32.596	4.93	0.48	25.897	0.054	1463.	1.2
30	29.9	3.757	32.596	4.94	0.48	25.898	0.058	1463.	1.4
32	32.0	3.792	32.604	4.94	0.48	25.901	0.063	1463.	1.7
34	33.9	3.791	32.601	4.95	0.47	25.899	0.067	1463.	2.1
36	36.0	3.809	32.607	4.93	0.48	25.901	0.071	1463.	2.6
38	37.9	3.846	32.620	4.93	0.47	25.908	0.075	1464.	2.9
40	40.1	3.896	32.632	4.93	0.48	25.913	0.080	1464.	3.0
41	41.8	3.938	32.650	4.92	0.46	25.923	0.083	1464.	3.0
44	44.2	3.998	32.671	4.91	0.44	25.934	0.088	1464.	2.9
46	46.0	4.001	32.674	4.90	0.42	25.936	0.092	1464.	2.7
48	48.2	4.009	32.678	4.90	0.41	25.939	0.096	1464.	2.5
50	49.9	4.017	32.680	4.91	0.41	25.940	0.100	1465.	2.2
51	51.9	4.024	32.685	4.91	0.39	25.942	0.104	1465.	1.9
53	53.8	4.067	32.697	4.89	0.40	25.948	0.108	1465.	1.8
56	56.1	4.131	32.708	4.88	0.43	25.950	0.113	1465.	1.6
57	57.9	4.143	32.710	4.89	0.43	25.950	0.116	1465.	1.6
60	60.1	4.152	32.711	4.88	0.44	25.951	0.121	1465.	1.8
62	62.0	4.153	32.711	4.87	0.44	25.951	0.125	1465.	1.9
64	64.0	4.166	32.714	4.88	0.46	25.951	0.129	1465.	2.1
65	65.9	4.246	32.732	4.85	0.68	25.958	0.133	1466.	2.3
68	68.1	4.315	32.753	4.84	0.74	25.967	0.137	1466.	2.4
69	70.0	4.311	32.753	4.83	0.73	25.968	0.141	1466.	2.4
71	71.3	4.305	32.754	4.84	0.73	25.969	0.144	1466.	2.3
71	72.1	4.305	32.755	4.84	0.75	25.970	0.145	1466.	1.8
72	73.0	4.297	32.753	4.85	0.71	25.969	0.147	1466.	1.3
73	74.0	4.292	32.754	4.85	0.72	25.970	0.149	1466.	1.3
74	75.0	4.290	32.754	4.85	0.72	25.971	0.151	1466.	1.3
75	76.0	4.288	32.754	4.86	0.74	25.971	0.153	1466.	1.3
76	77.0	4.283	32.755	4.86	0.75	25.972	0.155	1466.	1.3
77	78.0	4.280	32.755	4.87	0.72	25.973	0.157	1466.	1.2
78	79.1	4.278	32.755	4.88	0.73	25.973	0.160	1466.	1.2
79	80.1	4.276	32.756	4.87	0.76	25.974	0.162	1466.	1.2
80	81.0	4.277	32.756	4.87	0.73	25.974	0.163	1466.	1.2
81	82.1	4.277	32.756	4.88	0.74	25.974	0.166	1466.	1.2
82	82.5	4.278	32.756	4.88	0.78	25.974	0.167	1466.	1.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	55	11 FEB 1987	0339	42°23.6'N	70°30.1'W	90

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.5	3.642	32.532	4.93	0.47	25.858	0.000	1462.	-0.7
4	3.8	3.644	32.531	4.92	0.47	25.857	0.003	1462.	-0.7
6	6.1	3.646	32.531	4.92	0.46	25.856	0.008	1462.	-0.7
8	8.1	3.648	32.531	4.92	0.46	25.857	0.012	1462.	-0.7
10	10.0	3.663	32.531	4.93	0.47	25.855	0.016	1462.	-0.7
12	12.0	3.663	32.531	4.95	0.47	25.855	0.020	1462.	-0.6
14	13.9	3.668	32.531	4.95	0.47	25.855	0.025	1462.	-0.5
16	16.0	3.667	32.532	4.96	0.47	25.855	0.029	1462.	-0.4
18	17.8	3.671	32.532	4.96	0.47	25.855	0.033	1462.	0.3
20	20.1	3.671	32.531	4.98	0.47	25.854	0.038	1462.	0.6
22	22.1	3.672	32.532	4.99	0.47	25.855	0.042	1462.	0.7
24	23.9	3.679	32.532	5.01	0.47	25.855	0.046	1462.	0.8
26	25.9	3.684	32.535	5.02	0.48	25.856	0.050	1463.	0.9
28	28.3	3.687	32.536	5.03	0.48	25.857	0.055	1463.	0.9
30	29.9	3.692	32.537	5.03	0.48	25.857	0.059	1463.	0.8
32	31.9	3.695	32.539	5.03	0.48	25.858	0.063	1463.	0.6
34	34.3	3.698	32.539	5.03	0.48	25.858	0.068	1463.	-0.4
36	36.1	3.695	32.539	5.03	0.49	25.858	0.072	1463.	-0.6
38	37.8	3.694	32.538	5.04	0.48	25.858	0.075	1463.	1.2
40	40.2	3.681	32.534	5.05	0.48	25.856	0.081	1463.	1.8
41	41.7	3.666	32.531	5.05	0.47	25.855	0.084	1463.	2.3
44	44.2	3.666	32.533	5.06	0.47	25.856	0.089	1463.	2.7
46	46.0	3.750	32.566	5.04	0.52	25.875	0.093	1463.	2.8
47	47.8	3.806	32.578	5.02	0.55	25.879	0.097	1463.	3.0
50	50.3	3.834	32.590	5.02	0.56	25.885	0.102	1464.	3.2
52	52.0	3.861	32.598	5.02	0.58	25.889	0.106	1464.	3.4
54	54.0	3.870	32.598	5.02	0.59	25.888	0.110	1464.	3.7
56	56.0	3.902	32.612	5.02	0.61	25.897	0.114	1464.	4.0
58	58.1	3.970	32.644	5.01	0.60	25.915	0.118	1464.	4.2
60	60.0	4.032	32.669	5.00	0.60	25.929	0.122	1465.	4.3
62	62.1	4.107	32.703	4.98	0.61	25.949	0.127	1465.	4.2
63	63.9	4.142	32.717	4.97	0.59	25.956	0.130	1465.	3.9
65	65.8	4.168	32.728	4.96	0.58	25.963	0.134	1465.	3.5
67	68.0	4.190	32.737	4.95	0.57	25.967	0.139	1466.	3.2
69	70.1	4.203	32.742	4.95	0.56	25.970	0.143	1466.	2.8
71	71.2	4.222	32.750	4.94	0.54	25.974	0.145	1466.	2.6
71	72.0	4.236	32.755	4.94	0.54	25.977	0.147	1466.	2.4
72	73.0	4.244	32.757	4.94	0.53	25.978	0.149	1466.	2.2
73	74.0	4.248	32.758	4.94	0.53	25.978	0.151	1466.	2.2
74	75.0	4.255	32.761	4.94	0.53	25.980	0.153	1466.	2.3
75	76.0	4.257	32.761	4.94	0.53	25.980	0.155	1466.	2.4
76	77.1	4.261	32.762	4.94	0.53	25.980	0.157	1466.	2.7
77	77.9	4.281	32.773	4.92	0.52	25.987	0.159	1466.	3.1
78	79.1	4.293	32.778	4.92	0.53	25.989	0.161	1466.	3.3
79	80.0	4.304	32.782	4.92	0.52	25.992	0.163	1466.	3.4
80	81.0	4.314	32.788	4.91	0.53	25.995	0.165	1466.	3.3
81	82.0	4.345	32.803	4.90	0.54	26.004	0.167	1467.	3.2
82	82.9	4.352	32.804	4.90	0.56	26.004	0.169	1467.	3.2
83	84.1	4.367	32.811	4.90	0.57	26.008	0.171	1467.	3.2
84	85.1	4.368	32.811	4.87	0.58	26.008	0.173	1467.	3.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	55	11 FEB 1987	0339	42°23.6'N	70°30.1'W	90

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
85	85.7	4.373	32.814	4.85	0.60	26.009	0.174	1467.	3.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	56	11 FEB 1987	0416	42°23.5'N	70°25.1'W	31

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.5	3.861	32.663	4.88	0.57	25.941	0.000	1463.	-0.2
4	4.1	3.866	32.663	4.91	0.57	25.941	0.003	1463.	-0.2
6	6.1	3.870	32.663	4.93	0.57	25.940	0.007	1463.	-0.2
8	8.1	3.870	32.663	4.94	0.57	25.941	0.012	1463.	-0.2
10	10.0	3.870	32.663	4.94	0.57	25.940	0.015	1463.	-0.2
12	12.1	3.869	32.663	4.95	0.57	25.941	0.020	1463.	0.3
14	13.9	3.870	32.663	4.95	0.57	25.941	0.024	1463.	0.4
15	15.2	3.869	32.663	4.95	0.56	25.941	0.026	1463.	0.2
16	16.0	3.870	32.664	4.96	0.57	25.941	0.028	1463.	-0.1
17	17.1	3.869	32.664	4.96	0.57	25.941	0.030	1463.	-0.3
18	18.0	3.871	32.664	4.96	0.57	25.941	0.032	1463.	-0.5
19	19.0	3.873	32.663	4.96	0.57	25.940	0.034	1463.	-0.6
20	19.9	3.873	32.663	4.95	0.57	25.940	0.036	1463.	-0.6
21	21.0	3.876	32.664	4.96	0.57	25.941	0.038	1463.	-0.6
22	22.0	3.879	32.664	4.96	0.58	25.940	0.040	1463.	-0.5
23	23.0	3.879	32.664	4.95	0.57	25.940	0.042	1463.	-0.4
24	23.9	3.878	32.664	4.95	0.57	25.940	0.044	1463.	-0.5
25	25.0	3.877	32.663	4.95	0.57	25.940	0.046	1464.	-0.5
26	26.0	3.877	32.664	4.95	0.57	25.940	0.048	1464.	-0.5
27	26.9	3.880	32.664	4.95	0.57	25.940	0.050	1464.	-0.5
28	28.0	3.881	32.663	4.96	0.57	25.940	0.052	1464.	-0.5
29	29.0	3.879	32.663	4.96	0.57	25.940	0.055	1464.	-0.5
30	29.8	3.873	32.662	4.95	0.57	25.939	0.056	1464.	-0.5

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	57	11 FEB 1987	0531	42°25.0'N	70°14.3'W	68

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
1	0.9	4.350	32.844	4.72	0.32	26.036	0.000	1465.	-1.2
2	2.2	4.355	32.843	4.75	0.31	26.035	0.003	1465.	-1.2
4	4.0	4.353	32.843	4.75	0.29	26.035	0.006	1465.	-1.2
6	6.0	4.355	32.843	4.70	0.29	26.035	0.010	1465.	-1.2
8	8.0	4.360	32.842	4.71	0.30	26.034	0.014	1465.	-1.2
10	9.9	4.365	32.843	4.74	0.29	26.033	0.018	1466.	-1.1
12	11.8	4.364	32.843	4.77	0.29	26.033	0.021	1466.	-0.9
14	13.8	4.365	32.828	4.79	0.30	26.022	0.025	1466.	-0.5
16	16.0	4.367	32.843	4.80	0.29	26.033	0.030	1466.	0.5
18	18.1	4.369	32.840	4.80	0.29	26.031	0.034	1466.	0.8
20	19.9	4.368	32.843	4.80	0.29	26.033	0.037	1466.	1.0
22	22.0	4.369	32.843	4.81	0.29	26.033	0.041	1466.	1.2
24	23.8	4.370	32.843	4.81	0.29	26.033	0.045	1466.	0.5
26	26.0	4.370	32.843	4.81	0.29	26.033	0.049	1466.	0.6
28	27.7	4.367	32.843	4.82	0.29	26.033	0.053	1466.	0.3
30	30.1	4.367	32.844	4.83	0.29	26.034	0.057	1466.	0.4
32	32.0	4.368	32.844	4.83	0.29	26.034	0.061	1466.	0.4
34	34.0	4.369	32.844	4.82	0.29	26.034	0.065	1466.	0.3
36	35.9	4.370	32.843	4.83	0.30	26.034	0.069	1466.	0.2
37	37.7	4.371	32.844	4.84	0.30	26.034	0.072	1466.	0.4
40	40.1	4.377	32.845	4.85	0.29	26.034	0.077	1466.	0.5
42	42.1	4.372	32.843	4.86	0.30	26.033	0.081	1466.	0.5
44	43.9	4.364	32.843	4.85	0.31	26.034	0.084	1466.	0.4
45	45.7	4.356	32.843	4.84	0.31	26.035	0.088	1466.	0.3
48	47.9	4.365	32.844	4.85	0.30	26.035	0.092	1466.	0.4
50	50.0	4.375	32.845	4.86	0.30	26.034	0.097	1466.	0.4
52	52.0	4.372	32.844	4.84	0.30	26.034	0.100	1466.	0.3
53	53.3	4.368	32.844	4.83	0.30	26.034	0.103	1466.	0.4
54	53.9	4.365	32.844	4.81	0.31	26.035	0.104	1466.	0.7
55	55.0	4.357	32.843	4.82	0.31	26.035	0.106	1466.	0.9
55	55.8	4.356	32.844	4.83	0.31	26.035	0.108	1466.	0.9
57	57.1	4.353	32.844	4.86	0.31	26.036	0.111	1466.	0.8
58	58.0	4.354	32.844	4.88	0.31	26.035	0.112	1466.	0.6
59	59.0	4.354	32.844	4.88	0.31	26.035	0.114	1466.	0.6
60	60.0	4.353	32.844	4.87	0.31	26.035	0.116	1466.	0.6
60	61.0	4.351	32.844	4.86	0.31	26.036	0.118	1466.	0.6
62	62.0	4.351	32.844	4.87	0.31	26.036	0.120	1466.	0.6
63	63.1	4.353	32.844	4.88	0.31	26.036	0.122	1466.	0.6

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	58	11 FEB 1987	0654	42°27.0'N	70°00.2'W	190

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.1	5.575	33.094	4.49	0.17	26.099	0.000	1471.	0.7
4	3.9	5.576	33.086	4.49	0.17	26.092	0.003	1471.	0.7
6	6.0	5.577	33.094	4.49	0.17	26.098	0.007	1471.	0.7
8	7.9	5.576	33.094	4.47	0.16	26.098	0.011	1471.	0.7
10	10.0	5.574	33.094	4.51	0.16	26.098	0.015	1471.	0.7
12	12.3	5.574	33.094	4.54	0.16	26.099	0.019	1471.	0.8
14	13.8	5.576	33.095	4.53	0.16	26.099	0.022	1471.	0.2
16	16.1	5.579	33.095	4.55	0.16	26.098	0.027	1471.	0.2
18	17.9	5.580	33.095	4.55	0.16	26.098	0.030	1471.	0.4
20	20.0	5.581	33.095	4.55	0.16	26.098	0.034	1471.	0.3
22	22.0	5.577	33.094	4.56	0.16	26.098	0.038	1471.	0.5
24	23.9	5.580	33.095	4.56	0.16	26.099	0.042	1471.	0.5
26	26.0	5.588	33.098	4.57	0.16	26.100	0.046	1471.	0.4
28	28.3	5.587	33.096	4.58	0.16	26.099	0.050	1471.	0.3
30	29.9	5.590	33.098	4.57	0.16	26.100	0.053	1471.	0.2
32	32.1	5.586	33.096	4.59	0.16	26.099	0.057	1471.	-0.3
34	34.0	5.586	33.096	4.60	0.16	26.099	0.061	1471.	-0.4
36	35.9	5.585	33.096	4.60	0.16	26.099	0.064	1471.	-0.3
38	38.0	5.588	33.097	4.62	0.16	26.099	0.068	1471.	-0.2
40	40.0	5.587	33.096	4.63	0.16	26.098	0.072	1471.	-0.3
42	42.1	5.585	33.096	4.64	0.16	26.099	0.076	1471.	-0.3
44	44.0	5.585	33.095	4.64	0.16	26.098	0.080	1471.	-0.2
46	45.9	5.595	33.099	4.63	0.16	26.100	0.084	1471.	0.4
48	48.1	5.590	33.095	4.63	0.16	26.097	0.088	1471.	0.5
49	49.9	5.583	33.095	4.63	0.16	26.098	0.091	1471.	0.7
52	52.0	5.586	33.096	4.64	0.16	26.099	0.095	1472.	0.9
54	54.0	5.610	33.102	4.63	0.16	26.100	0.099	1472.	1.1
56	56.0	5.609	33.100	4.64	0.17	26.099	0.103	1472.	1.2
57	57.9	5.626	33.106	4.63	0.17	26.102	0.106	1472.	1.2
59	59.9	5.636	33.108	4.62	0.17	26.102	0.110	1472.	1.1
62	62.2	5.645	33.112	4.63	0.17	26.104	0.115	1472.	1.1
63	63.8	5.647	33.112	4.62	0.17	26.104	0.118	1472.	1.2
66	66.2	5.649	33.113	4.62	0.17	26.104	0.122	1472.	1.1
67	67.9	5.650	33.113	4.61	0.17	26.105	0.126	1472.	1.1
69	69.9	5.661	33.116	4.61	0.17	26.106	0.129	1472.	1.1
72	72.2	5.681	33.123	4.62	0.17	26.108	0.134	1472.	1.1
73	73.9	5.688	33.124	4.61	0.17	26.109	0.137	1472.	1.0
76	76.2	5.689	33.125	4.61	0.17	26.109	0.141	1472.	0.9
77	78.1	5.689	33.124	4.61	0.17	26.109	0.145	1472.	0.7
79	79.7	5.688	33.124	4.61	0.17	26.109	0.148	1472.	0.3
82	82.3	5.692	33.125	4.62	0.17	26.109	0.153	1472.	0.2
83	83.9	5.692	33.125	4.61	0.17	26.109	0.156	1473.	0.2
85	86.0	5.693	33.125	4.61	0.17	26.109	0.160	1473.	0.2
87	88.0	5.692	33.125	4.62	0.17	26.108	0.164	1473.	0.1
89	89.9	5.693	33.125	4.62	0.17	26.109	0.167	1473.	-0.2
91	92.1	5.693	33.125	4.61	0.17	26.109	0.172	1473.	-0.2
93	94.0	5.692	33.125	4.62	0.17	26.109	0.175	1473.	0.1
95	96.1	5.694	33.125	4.63	0.18	26.109	0.179	1473.	0.2
97	97.8	5.692	33.125	4.63	0.19	26.108	0.182	1473.	0.2
99	100.1	5.691	33.125	4.64	0.17	26.109	0.187	1473.	0.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	58	11 FEB 1987	0654	42°27.0'N	70°00.2'W	190

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	101.9	5.695	33.125	4.64	0.16	26.109	0.190	1473.	0.2
103	104.1	5.697	33.126	4.64	0.17	26.109	0.194	1473.	0.2
105	106.0	5.698	33.126	4.63	0.16	26.109	0.198	1473.	0.1
107	108.0	5.697	33.126	4.63	0.16	26.109	0.202	1473.	0.1
109	110.0	5.697	33.126	4.63	0.16	26.109	0.206	1473.	-0.1
111	111.9	5.697	33.126	4.63	0.17	26.109	0.209	1473.	-0.1
113	114.2	5.697	33.125	4.63	0.16	26.108	0.214	1473.	-0.2
115	115.8	5.697	33.126	4.62	0.16	26.109	0.217	1473.	-0.2
117	118.1	5.697	33.126	4.62	0.17	26.109	0.221	1473.	-0.2
119	119.9	5.697	33.125	4.62	0.16	26.108	0.224	1473.	-0.2
121	122.0	5.698	33.125	4.62	0.16	26.108	0.228	1473.	0.1
123	123.7	5.698	33.125	4.62	0.16	26.108	0.232	1473.	0.2
125	126.1	5.698	33.125	4.63	0.16	26.108	0.236	1473.	0.4
127	127.8	5.698	33.126	4.62	0.16	26.109	0.239	1473.	0.4
129	130.2	5.698	33.126	4.62	0.16	26.109	0.244	1473.	0.3
131	131.8	5.698	33.126	4.61	0.16	26.109	0.247	1473.	0.2
133	134.1	5.698	33.126	4.62	0.16	26.109	0.252	1473.	0.2
135	136.0	5.699	33.126	4.62	0.16	26.109	0.255	1473.	-0.2
137	137.9	5.699	33.126	4.61	0.16	26.108	0.259	1473.	-0.2
139	140.1	5.700	33.126	4.61	0.16	26.108	0.263	1473.	-0.3
141	141.9	5.700	33.126	4.62	0.16	26.109	0.266	1473.	-0.3
143	144.1	5.698	33.126	4.62	0.16	26.108	0.271	1474.	-0.6
145	145.9	5.696	33.125	4.62	0.16	26.108	0.274	1474.	-0.7
147	148.2	5.693	33.124	4.62	0.16	26.108	0.278	1474.	-0.6
149	149.9	5.692	33.124	4.62	0.18	26.108	0.282	1474.	-0.5
151	152.1	5.686	33.120	4.62	0.19	26.106	0.286	1474.	-0.3
153	154.0	5.686	33.120	4.62	0.16	26.106	0.290	1474.	0.4
155	156.0	5.683	33.122	4.62	0.16	26.108	0.293	1474.	0.7
157	158.0	5.683	33.123	4.62	0.17	26.108	0.297	1474.	0.9
159	160.2	5.683	33.123	4.62	0.17	26.108	0.301	1474.	1.0
161	162.1	5.682	33.124	4.62	0.17	26.109	0.305	1474.	1.0
162	163.8	5.682	33.124	4.62	0.17	26.109	0.308	1474.	0.9
165	166.2	5.682	33.125	4.62	0.17	26.110	0.313	1474.	0.8
167	168.1	5.682	33.126	4.62	0.18	26.110	0.317	1474.	0.7
168	169.9	5.681	33.126	4.62	0.18	26.111	0.320	1474.	0.6
170	171.3	5.682	33.126	4.62	0.19	26.111	0.323	1474.	0.5
171	172.0	5.682	33.126	4.62	0.19	26.111	0.324	1474.	0.3
172	173.0	5.682	33.125	4.62	0.17	26.110	0.326	1474.	0.2
173	174.1	5.682	33.125	4.63	0.18	26.110	0.328	1474.	0.2
174	175.0	5.682	33.126	4.63	0.18	26.111	0.330	1474.	0.1
175	176.0	5.682	33.126	4.63	0.18	26.111	0.332	1474.	0.4
176	177.0	5.681	33.126	4.63	0.18	26.111	0.333	1474.	0.5
176	178.0	5.681	33.126	4.63	0.18	26.111	0.335	1474.	0.4
178	179.1	5.682	33.125	4.63	0.19	26.110	0.337	1474.	-0.1
178	179.9	5.682	33.126	4.63	0.19	26.111	0.339	1474.	-0.2
180	181.1	5.682	33.126	4.62	0.20	26.111	0.341	1474.	-0.1
180	181.9	5.682	33.126	4.62	0.19	26.111	0.343	1474.	-0.2
182	183.0	5.682	33.125	4.62	0.19	26.110	0.345	1474.	-0.2
182	184.0	5.683	33.126	4.62	0.20	26.111	0.347	1474.	-0.2
183	185.0	5.683	33.126	4.61	0.20	26.111	0.349	1474.	-0.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	58	11 FEB 1987	0654	42°27.0'N	70°00.2'W	190

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
184	186.0	5.683	33.126	4.60	0.19	26.111	0.351	1474.	-0.2
185	186.7	5.682	33.125	4.60	0.20	26.110	0.352	1474.	-0.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	59	11 FEB 1987	0822	42°29.0'N	69°44.8'W	277

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.3	5.589	33.142	4.44	0.19	26.134	0.000	1471.	-0.7
4	3.9	5.587	33.141	4.42	0.18	26.134	0.003	1471.	-0.7
6	6.1	5.591	33.141	4.41	0.17	26.134	0.007	1471.	-0.7
8	7.8	5.588	33.141	4.43	0.17	26.134	0.010	1471.	-0.7
10	10.0	5.595	33.142	4.44	0.17	26.134	0.015	1471.	-0.7
12	12.0	5.595	33.141	4.47	0.17	26.133	0.018	1471.	-0.7
14	13.9	5.599	33.141	4.47	0.17	26.133	0.022	1471.	-0.6
16	15.9	5.600	33.141	4.48	0.17	26.133	0.026	1471.	-0.6
18	18.0	5.603	33.141	4.50	0.17	26.132	0.030	1471.	-0.5
20	20.0	5.610	33.142	4.50	0.17	26.132	0.033	1471.	-0.9
22	22.0	5.624	33.144	4.50	0.17	26.132	0.037	1471.	-0.8
24	24.1	5.624	33.144	4.50	0.17	26.132	0.041	1471.	-0.7
26	25.9	5.630	33.145	4.50	0.17	26.132	0.044	1471.	-0.4
28	28.1	5.632	33.137	4.50	0.17	26.126	0.048	1471.	-0.2
30	29.8	5.626	33.144	4.51	0.17	26.132	0.052	1471.	0.3
32	32.0	5.615	33.142	4.51	0.17	26.132	0.056	1471.	0.5
34	34.2	5.611	33.142	4.52	0.17	26.132	0.060	1471.	0.6
36	35.9	5.614	33.142	4.52	0.17	26.132	0.063	1471.	0.8
38	38.1	5.613	33.142	4.52	0.17	26.132	0.067	1471.	0.1
40	39.9	5.611	33.141	4.53	0.17	26.131	0.071	1471.	0.2
42	42.1	5.612	33.141	4.54	0.17	26.131	0.075	1472.	0.4
43	43.8	5.612	33.142	4.54	0.17	26.131	0.078	1472.	0.6
46	46.0	5.624	33.144	4.55	0.17	26.132	0.082	1472.	0.6
48	47.9	5.632	33.145	4.55	0.17	26.132	0.086	1472.	0.6
50	50.0	5.637	33.147	4.55	0.17	26.133	0.090	1472.	0.6
51	51.9	5.647	33.149	4.56	0.17	26.133	0.093	1472.	0.5
54	54.0	5.649	33.148	4.57	0.17	26.132	0.097	1472.	0.5
56	56.0	5.652	33.149	4.56	0.17	26.133	0.101	1472.	0.5
58	58.1	5.654	33.150	4.56	0.17	26.133	0.105	1472.	0.4
60	60.3	5.656	33.150	4.56	0.17	26.133	0.109	1472.	0.5
61	61.9	5.658	33.151	4.56	0.17	26.133	0.112	1472.	0.5
63	63.9	5.660	33.152	4.55	0.17	26.134	0.116	1472.	0.4
66	66.2	5.661	33.152	4.53	0.17	26.134	0.120	1472.	0.5
67	67.9	5.662	33.152	4.53	0.17	26.134	0.123	1472.	0.6
69	69.9	5.658	33.151	4.54	0.17	26.133	0.127	1472.	0.6
71	72.0	5.662	33.152	4.55	0.17	26.134	0.131	1472.	0.6
73	74.1	5.672	33.155	4.56	0.17	26.135	0.135	1472.	0.7
75	75.7	5.674	33.155	4.56	0.17	26.135	0.138	1472.	0.7
77	78.0	5.681	33.157	4.58	0.17	26.135	0.142	1472.	0.8
80	80.2	5.674	33.155	4.60	0.17	26.135	0.146	1472.	0.8
81	82.0	5.683	33.158	4.60	0.17	26.136	0.149	1472.	0.7
83	84.1	5.693	33.159	4.61	0.17	26.136	0.154	1473.	0.8
85	86.0	5.699	33.162	4.61	0.17	26.137	0.157	1473.	0.8
87	88.1	5.706	33.163	4.61	0.17	26.137	0.161	1473.	0.9
89	90.0	5.705	33.162	4.61	0.17	26.137	0.164	1473.	0.8
91	92.1	5.718	33.166	4.61	0.17	26.138	0.169	1473.	0.9
93	94.0	5.722	33.167	4.60	0.17	26.139	0.172	1473.	0.9
95	96.0	5.729	33.168	4.60	0.17	26.138	0.176	1473.	0.9
98	98.4	5.732	33.169	4.60	0.17	26.139	0.180	1473.	0.9
99	99.9	5.749	33.174	4.59	0.16	26.141	0.183	1473.	0.9

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	59	11 FEB 1987	0822	42°29.0'N	69°44.8'W	277

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.2	5.761	33.176	4.59	0.16	26.141	0.187	1473.	0.9
103	103.9	5.761	33.176	4.59	0.16	26.141	0.191	1473.	0.9
105	106.3	5.769	33.178	4.59	0.16	26.141	0.195	1473.	0.8
107	107.9	5.777	33.180	4.58	0.16	26.142	0.198	1473.	0.6
109	110.1	5.783	33.181	4.58	0.16	26.142	0.202	1473.	-0.4
111	111.8	5.784	33.181	4.58	0.16	26.142	0.205	1473.	-0.8
113	114.1	5.795	33.184	4.58	0.15	26.143	0.210	1473.	-1.0
115	115.9	5.797	33.182	4.58	0.15	26.141	0.213	1474.	-1.0
117	118.0	5.802	33.179	4.59	0.15	26.138	0.217	1474.	-1.1
119	119.9	5.807	33.179	4.58	0.15	26.138	0.221	1474.	-1.0
121	122.0	5.807	33.179	4.57	0.15	26.138	0.225	1474.	-0.9
123	124.2	5.807	33.179	4.58	0.15	26.138	0.229	1474.	-0.6
125	125.8	5.806	33.178	4.58	0.15	26.137	0.232	1474.	0.3
127	128.2	5.805	33.179	4.58	0.15	26.138	0.236	1474.	0.4
129	129.8	5.806	33.179	4.58	0.15	26.138	0.239	1474.	0.1
131	132.2	5.808	33.180	4.59	0.15	26.138	0.244	1474.	-0.1
133	133.8	5.811	33.181	4.59	0.15	26.138	0.247	1474.	-0.1
135	136.3	5.813	33.180	4.59	0.15	26.138	0.252	1474.	-0.3
137	137.9	5.819	33.180	4.58	0.14	26.137	0.255	1474.	-0.3
139	140.0	5.822	33.181	4.58	0.14	26.138	0.258	1474.	-0.2
141	142.0	5.823	33.181	4.59	0.14	26.138	0.262	1474.	0.2
143	143.9	5.826	33.182	4.59	0.14	26.138	0.266	1474.	0.4
145	146.0	5.830	33.183	4.58	0.14	26.138	0.270	1474.	0.4
147	148.0	5.834	33.184	4.59	0.14	26.138	0.274	1474.	0.3
149	150.1	5.836	33.184	4.59	0.14	26.138	0.277	1474.	0.4
151	152.0	5.840	33.185	4.58	0.14	26.138	0.281	1474.	0.6
153	153.9	5.841	33.184	4.58	0.14	26.137	0.285	1474.	0.7
155	156.1	5.843	33.185	4.58	0.13	26.138	0.289	1474.	0.7
157	157.9	5.844	33.186	4.58	0.14	26.139	0.292	1474.	0.8
159	160.0	5.849	33.188	4.58	0.13	26.140	0.296	1474.	0.8
161	162.0	5.857	33.190	4.58	0.13	26.140	0.300	1475.	0.8
163	164.0	5.857	33.190	4.58	0.13	26.140	0.304	1475.	0.7
165	166.0	5.857	33.190	4.58	0.13	26.140	0.307	1475.	0.7
167	168.1	5.860	33.191	4.58	0.13	26.141	0.311	1475.	0.7
169	170.0	5.861	33.191	4.58	0.13	26.141	0.315	1475.	0.8
171	172.0	5.864	33.192	4.58	0.13	26.141	0.319	1475.	1.0
173	174.0	5.868	33.193	4.58	0.13	26.142	0.322	1475.	1.1
175	176.1	5.875	33.195	4.58	0.13	26.142	0.326	1475.	1.2
176	177.8	5.886	33.199	4.57	0.13	26.143	0.330	1475.	1.2
179	180.1	5.904	33.204	4.56	0.12	26.146	0.334	1475.	1.5
180	181.8	5.909	33.206	4.54	0.12	26.146	0.337	1475.	1.9
183	184.1	5.913	33.206	4.52	0.12	26.146	0.341	1475.	2.4
185	186.2	5.921	33.210	4.51	0.12	26.148	0.345	1475.	3.1
186	187.7	5.957	33.223	4.48	0.12	26.154	0.348	1475.	3.6
189	190.2	6.027	33.247	4.44	0.12	26.164	0.353	1476.	4.5
190	191.9	6.082	33.271	4.41	0.13	26.177	0.356	1476.	5.7
192	194.1	6.160	33.316	4.37	0.18	26.203	0.360	1476.	6.4
194	195.8	6.179	33.332	4.32	0.21	26.213	0.363	1477.	6.8
196	198.1	6.301	33.417	4.24	0.27	26.264	0.367	1477.	6.9
198	200.0	6.487	33.528	4.16	0.31	26.328	0.371	1478.	6.9

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	59	11 FEB 1987	0822	42°29.0'N	69°44.8'W	277

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	201.9	6.582	33.580	4.06	0.29	26.357	0.374	1479.	6.6
202	204.2	6.631	33.601	3.95	0.23	26.366	0.378	1479.	6.1
204	205.8	6.662	33.618	3.87	0.17	26.375	0.380	1479.	5.5
206	208.1	6.705	33.660	3.83	0.15	26.403	0.384	1479.	4.8
208	209.9	6.713	33.668	3.79	0.17	26.409	0.387	1479.	4.5
210	212.1	6.728	33.695	3.77	0.18	26.427	0.391	1479.	4.4
212	213.9	6.734	33.711	3.76	0.20	26.440	0.394	1480.	4.0
214	216.0	6.737	33.723	3.75	0.22	26.448	0.397	1480.	3.6
216	218.0	6.739	33.730	3.75	0.23	26.454	0.400	1480.	3.2
218	219.8	6.741	33.734	3.75	0.23	26.457	0.403	1480.	2.9
220	222.0	6.742	33.740	3.76	0.24	26.461	0.407	1480.	2.8
222	223.9	6.744	33.745	3.77	0.25	26.465	0.410	1480.	2.8
224	226.0	6.745	33.748	3.77	0.26	26.467	0.413	1480.	2.8
226	227.8	6.749	33.760	3.77	0.27	26.476	0.416	1480.	2.9
228	230.1	6.755	33.772	3.77	0.30	26.485	0.419	1480.	2.9
230	231.9	6.756	33.775	3.77	0.30	26.487	0.422	1480.	2.9
232	234.1	6.759	33.780	3.77	0.29	26.491	0.426	1480.	2.8
234	235.9	6.762	33.789	3.76	0.24	26.498	0.429	1480.	2.6
236	238.0	6.762	33.796	3.76	0.25	26.503	0.432	1480.	2.5
238	240.1	6.766	33.801	3.76	0.32	26.506	0.435	1480.	2.4
240	241.9	6.770	33.805	3.75	0.38	26.509	0.438	1480.	2.3
242	244.2	6.772	33.808	3.75	0.38	26.511	0.441	1480.	2.1
244	246.0	6.770	33.812	3.75	0.35	26.514	0.444	1480.	2.0
246	247.9	6.768	33.814	3.75	0.33	26.516	0.447	1480.	2.1
248	250.2	6.768	33.818	3.75	0.32	26.519	0.451	1480.	2.5
250	251.9	6.768	33.819	3.74	0.33	26.520	0.453	1480.	2.8
252	254.1	6.766	33.822	3.74	0.29	26.522	0.457	1480.	3.0
253	255.6	6.765	33.831	3.74	0.26	26.530	0.459	1480.	3.2
256	258.2	6.779	33.858	3.73	0.39	26.549	0.463	1481.	3.3
258	260.0	6.784	33.864	3.72	0.45	26.554	0.466	1481.	3.3
259	261.2	6.785	33.865	3.71	0.46	26.554	0.467	1481.	3.1
260	262.1	6.785	33.866	3.71	0.47	26.555	0.469	1481.	2.6
261	262.9	6.786	33.866	3.71	0.48	26.555	0.470	1481.	1.5
262	264.0	6.786	33.867	3.70	0.50	26.556	0.472	1481.	1.0
263	265.0	6.786	33.868	3.70	0.51	26.556	0.473	1481.	0.9
264	265.9	6.787	33.868	3.69	0.51	26.556	0.474	1481.	0.8
265	267.1	6.787	33.868	3.69	0.52	26.556	0.476	1481.	0.8
266	268.0	6.787	33.868	3.69	0.52	26.556	0.478	1481.	0.8
267	269.0	6.787	33.868	3.69	0.53	26.556	0.479	1481.	0.8
268	270.0	6.787	33.868	3.70	0.53	26.556	0.481	1481.	0.8

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	60	11 FEB 1987	1004	42°30.7'N	69°29.1'W	278

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.0	5.498	33.072	7.06	0.10	26.090	0.000	1470.	0.3
4	4.1	5.496	33.072	7.05	0.10	26.090	0.004	1470.	0.3
6	5.9	5.497	33.071	7.04	0.10	26.090	0.008	1470.	0.3
8	8.4	5.497	33.072	7.05	0.10	26.090	0.012	1470.	0.3
10	9.9	5.497	33.071	7.05	0.10	26.090	0.015	1470.	0.3
12	12.1	5.494	33.072	7.05	0.10	26.090	0.019	1470.	0.2
14	14.1	5.496	33.072	7.06	0.10	26.090	0.023	1471.	0.2
16	15.9	5.498	33.072	7.06	0.10	26.090	0.027	1471.	-0.2
18	18.0	5.499	33.072	7.06	0.10	26.090	0.031	1471.	-0.2
20	20.1	5.499	33.072	7.06	0.10	26.089	0.035	1471.	-0.3
22	22.0	5.498	33.072	7.07	0.10	26.090	0.038	1471.	-0.3
24	23.9	5.499	33.071	7.05	0.10	26.089	0.042	1471.	-0.2
26	26.0	5.500	33.072	7.05	0.10	26.089	0.046	1471.	0.3
28	28.1	5.500	33.071	7.05	0.10	26.089	0.050	1471.	0.5
30	30.1	5.502	33.072	7.05	0.10	26.089	0.054	1471.	0.5
32	31.9	5.504	33.072	7.04	0.10	26.090	0.057	1471.	0.6
34	34.0	5.507	33.074	7.03	0.10	26.090	0.061	1471.	0.7
36	36.1	5.509	33.075	7.04	0.10	26.091	0.065	1471.	0.8
38	38.2	5.510	33.075	7.05	0.10	26.091	0.069	1471.	0.8
39	39.7	5.509	33.075	7.04	0.11	26.091	0.072	1471.	0.8
42	42.0	5.510	33.076	7.03	0.10	26.092	0.077	1471.	0.7
44	43.9	5.518	33.078	7.03	0.10	26.092	0.080	1471.	0.6
46	46.3	5.517	33.078	7.04	0.10	26.092	0.085	1471.	0.5
47	47.8	5.515	33.078	7.02	0.10	26.092	0.088	1471.	0.2
50	49.9	5.516	33.077	7.02	0.10	26.092	0.092	1471.	-0.2
52	52.0	5.517	33.077	7.02	0.10	26.092	0.096	1471.	-0.3
54	54.1	5.515	33.077	7.03	0.10	26.092	0.100	1471.	0.0
55	55.9	5.514	33.076	7.01	0.10	26.092	0.103	1471.	0.4
58	58.0	5.519	33.077	7.01	0.10	26.092	0.107	1471.	0.6
60	60.1	5.521	33.078	7.01	0.10	26.092	0.111	1471.	1.1
62	62.3	5.524	33.079	7.02	0.10	26.092	0.115	1471.	1.7
63	63.8	5.527	33.080	7.00	0.10	26.093	0.118	1471.	2.3
65	66.0	5.532	33.082	7.00	0.10	26.094	0.123	1472.	2.8
68	68.1	5.562	33.094	6.99	0.10	26.100	0.127	1472.	3.1
69	70.0	5.613	33.115	6.97	0.09	26.110	0.130	1472.	3.3
71	72.0	5.690	33.144	6.93	0.09	26.124	0.134	1472.	3.4
73	74.0	5.713	33.154	6.92	0.09	26.129	0.138	1472.	3.3
75	75.9	5.737	33.164	6.91	0.09	26.135	0.141	1473.	3.0
78	78.1	5.770	33.179	6.91	0.09	26.142	0.146	1473.	2.6
79	79.9	5.775	33.182	6.90	0.09	26.144	0.149	1473.	2.2
81	82.0	5.780	33.182	6.89	0.09	26.143	0.153	1473.	1.9
83	84.1	5.795	33.189	6.88	0.09	26.147	0.157	1473.	1.7
85	86.1	5.810	33.192	6.88	0.09	26.147	0.160	1473.	1.4
87	88.1	5.824	33.197	6.88	0.09	26.149	0.164	1473.	1.2
89	89.7	5.826	33.198	6.87	0.09	26.150	0.167	1473.	1.1
91	91.8	5.824	33.198	6.87	0.09	26.150	0.171	1473.	0.8
93	94.1	5.833	33.199	6.88	0.09	26.150	0.175	1473.	0.7
95	96.2	5.831	33.199	6.89	0.09	26.151	0.179	1473.	0.6
97	97.9	5.832	33.199	6.87	0.09	26.150	0.183	1473.	0.7
99	99.9	5.838	33.200	6.87	0.09	26.151	0.186	1473.	0.9

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	60	11 FEB 1987	1004	42°30.7'N	69°29.1'W	278

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	5.838	33.201	6.87	0.09	26.151	0.190	1473.	1.0
103	104.1	5.846	33.203	6.88	0.09	26.152	0.194	1474.	1.0
105	105.9	5.856	33.206	6.88	0.09	26.153	0.197	1474.	1.0
107	107.9	5.861	33.208	6.88	0.09	26.154	0.201	1474.	0.9
109	110.1	5.862	33.209	6.89	0.09	26.154	0.205	1474.	0.9
111	112.1	5.862	33.209	6.90	0.09	26.155	0.209	1474.	0.8
113	114.0	5.863	33.209	6.92	0.09	26.154	0.213	1474.	0.7
115	116.0	5.868	33.210	6.93	0.09	26.155	0.216	1474.	0.6
117	118.0	5.871	33.212	6.94	0.09	26.156	0.220	1474.	0.5
119	120.0	5.874	33.212	6.95	0.09	26.156	0.224	1474.	0.5
121	122.0	5.875	33.212	6.96	0.09	26.156	0.227	1474.	0.6
123	124.0	5.877	33.213	6.97	0.09	26.156	0.231	1474.	0.5
125	126.0	5.879	33.213	6.99	0.09	26.155	0.235	1474.	0.5
127	127.9	5.884	33.214	7.01	0.09	26.156	0.238	1474.	0.7
129	129.9	5.890	33.216	7.04	0.09	26.157	0.242	1474.	0.8
131	132.1	5.894	33.216	7.06	0.09	26.156	0.246	1474.	0.8
133	134.0	5.897	33.217	7.08	0.09	26.157	0.250	1474.	0.9
135	136.1	5.907	33.220	7.11	0.09	26.158	0.254	1474.	0.8
137	138.0	5.911	33.221	7.13	0.09	26.158	0.257	1474.	0.8
139	140.0	5.916	33.223	7.14	0.09	26.159	0.261	1474.	0.8
141	142.0	5.920	33.223	7.16	0.09	26.159	0.265	1474.	0.8
143	144.0	5.922	33.224	7.03	0.09	26.159	0.268	1475.	0.7
145	145.9	5.923	33.225	6.80	0.09	26.160	0.272	1475.	0.7
147	148.1	5.927	33.226	6.81	0.09	26.160	0.276	1475.	0.7
149	150.0	5.930	33.227	6.80	0.09	26.160	0.280	1475.	0.7
151	151.9	5.931	33.227	6.79	0.09	26.160	0.283	1475.	0.9
153	154.0	5.936	33.228	6.77	0.09	26.161	0.287	1475.	1.2
155	156.0	5.941	33.230	6.73	0.09	26.161	0.291	1475.	1.6
157	158.0	5.946	33.231	6.66	0.09	26.162	0.294	1475.	2.5
159	160.0	5.966	33.238	6.59	0.10	26.165	0.298	1475.	3.9
161	162.1	6.006	33.251	6.52	0.09	26.170	0.302	1475.	4.8
163	164.1	6.052	33.264	6.19	0.09	26.175	0.306	1475.	5.6
165	165.9	6.197	33.324	5.91	0.09	26.204	0.309	1476.	6.5
167	168.0	6.403	33.436	5.80	0.10	26.266	0.313	1477.	7.0
169	170.0	6.467	33.468	5.73	0.10	26.283	0.316	1477.	7.1
171	172.0	6.537	33.520	5.67	0.11	26.315	0.320	1478.	7.0
173	174.0	6.613	33.605	5.62	0.11	26.372	0.323	1478.	6.6
175	176.1	6.626	33.630	5.60	0.12	26.390	0.327	1478.	6.1
176	177.9	6.631	33.643	5.56	0.13	26.400	0.330	1478.	5.7
179	180.0	6.639	33.664	5.52	0.13	26.415	0.333	1479.	5.2
181	182.1	6.649	33.690	5.49	0.14	26.434	0.336	1479.	4.7
183	184.1	6.663	33.713	5.47	0.15	26.450	0.340	1479.	4.5
184	186.0	6.674	33.722	5.45	0.15	26.456	0.343	1479.	4.2
187	188.1	6.701	33.747	5.42	0.14	26.472	0.346	1479.	3.7
188	189.9	6.709	33.760	5.40	0.14	26.481	0.349	1479.	3.3
190	192.0	6.713	33.764	5.37	0.15	26.484	0.352	1479.	3.0
192	194.0	6.712	33.764	5.35	0.15	26.484	0.355	1479.	3.0
194	196.1	6.712	33.768	5.33	0.15	26.487	0.359	1479.	2.9
196	197.9	6.711	33.775	5.30	0.16	26.493	0.361	1479.	3.0
198	200.0	6.710	33.783	5.28	0.17	26.499	0.365	1479.	3.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	60	11 FEB 1987	1004	42°30.7'N	69°29.1'W	278

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	202.1	6.716	33.801	5.26	0.19	26.513	0.368	1479.	3.2
202	204.0	6.721	33.812	5.25	0.20	26.521	0.371	1479.	3.1
204	206.0	6.722	33.818	5.25	0.20	26.525	0.374	1479.	3.0
206	208.0	6.723	33.823	5.24	0.21	26.529	0.377	1480.	2.7
208	209.9	6.724	33.824	5.23	0.21	26.530	0.380	1480.	2.4
210	211.9	6.724	33.827	5.22	0.22	26.532	0.383	1480.	2.3
212	214.0	6.725	33.837	5.22	0.23	26.540	0.386	1480.	2.3
214	216.1	6.725	33.841	5.22	0.23	26.543	0.389	1480.	2.3
216	217.9	6.723	33.842	5.21	0.23	26.544	0.392	1480.	2.4
218	220.0	6.716	33.846	5.21	0.26	26.548	0.395	1480.	2.3
220	222.0	6.715	33.849	5.21	0.29	26.551	0.398	1480.	2.2
222	224.0	6.716	33.855	5.21	0.32	26.555	0.401	1480.	2.2
224	225.9	6.719	33.860	5.21	0.36	26.559	0.404	1480.	2.0
226	228.0	6.723	33.865	5.21	0.40	26.562	0.407	1480.	1.8
228	230.1	6.724	33.867	5.21	0.44	26.564	0.410	1480.	1.5
230	231.9	6.724	33.867	5.21	0.45	26.564	0.413	1480.	1.2
232	234.0	6.725	33.867	5.21	0.47	26.564	0.416	1480.	0.9
234	236.1	6.725	33.867	5.21	0.47	26.564	0.419	1480.	0.5
236	238.0	6.725	33.868	5.21	0.47	26.564	0.422	1480.	0.4
238	240.0	6.725	33.868	5.21	0.47	26.564	0.425	1480.	0.4
240	241.9	6.726	33.868	5.21	0.48	26.564	0.428	1480.	0.5
242	243.9	6.726	33.867	5.21	0.49	26.564	0.431	1480.	0.6
244	246.1	6.726	33.868	5.21	0.50	26.564	0.434	1480.	0.8
246	248.0	6.727	33.869	5.21	0.51	26.565	0.437	1480.	0.9
248	250.1	6.729	33.870	5.22	0.53	26.565	0.440	1480.	1.0
250	252.0	6.731	33.871	5.21	0.54	26.566	0.443	1480.	1.1
252	254.0	6.736	33.874	5.21	0.60	26.567	0.446	1480.	1.1
254	256.1	6.737	33.874	5.21	0.60	26.568	0.449	1480.	1.1
256	258.1	6.738	33.876	5.21	0.60	26.569	0.452	1480.	1.0
258	259.9	6.741	33.877	5.20	0.63	26.569	0.455	1481.	0.9
260	262.1	6.741	33.877	5.20	0.63	26.570	0.458	1481.	0.8
261	263.3	6.742	33.877	5.19	0.62	26.570	0.460	1481.	0.7
262	264.0	6.742	33.877	5.19	0.61	26.570	0.461	1481.	0.7
263	265.0	6.742	33.878	5.18	0.62	26.570	0.462	1481.	0.7
264	265.9	6.743	33.878	5.17	0.63	26.570	0.464	1481.	0.6
265	267.0	6.743	33.878	5.16	0.64	26.570	0.465	1481.	0.6
266	268.1	6.743	33.879	5.16	0.65	26.571	0.467	1481.	0.6
267	269.0	6.743	33.879	5.16	0.64	26.570	0.468	1481.	0.6
268	270.0	6.744	33.878	5.17	0.63	26.570	0.470	1481.	0.6
269	271.1	6.745	33.879	5.17	0.62	26.570	0.471	1481.	0.6
270	272.1	6.745	33.879	5.17	0.64	26.571	0.473	1481.	0.6

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	61	11 FEB 1987	1138	42°33.0'N	69°14.9'W	230

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	1.8	5.519	33.057	7.03	0.12	26.075	0.000	1470.	-0.2
4	4.0	5.524	33.056	7.03	0.12	26.074	0.004	1470.	-0.2
6	6.1	5.524	33.056	7.04	0.12	26.075	0.008	1470.	-0.2
8	7.8	5.524	33.056	7.04	0.11	26.075	0.012	1471.	-0.2
10	10.1	5.525	33.056	7.04	0.11	26.074	0.016	1471.	-0.2
12	11.9	5.527	33.057	7.04	0.11	26.075	0.019	1471.	0.3
14	13.9	5.529	33.057	7.04	0.11	26.075	0.023	1471.	0.2
16	16.1	5.529	33.058	7.04	0.11	26.075	0.027	1471.	0.2
18	17.9	5.528	33.057	7.03	0.11	26.075	0.031	1471.	0.2
20	19.9	5.528	33.057	7.03	0.11	26.075	0.035	1471.	-0.2
22	22.1	5.528	33.057	7.04	0.11	26.075	0.039	1471.	0.1
24	24.1	5.528	33.057	7.04	0.12	26.075	0.043	1471.	-0.3
26	25.9	5.528	33.057	7.05	0.11	26.075	0.046	1471.	-0.2
28	27.9	5.528	33.057	7.04	0.11	26.074	0.050	1471.	-0.3
30	30.1	5.530	33.058	7.04	0.11	26.075	0.054	1471.	0.1
32	32.1	5.527	33.056	7.04	0.11	26.074	0.058	1471.	-0.2
34	34.0	5.527	33.056	7.04	0.11	26.074	0.062	1471.	-0.2
36	36.0	5.527	33.056	7.04	0.12	26.074	0.066	1471.	-0.3
37	37.2	5.527	33.057	7.05	0.12	26.075	0.068	1471.	-0.3
40	39.9	5.529	33.057	7.04	0.12	26.074	0.073	1471.	0.2
42	42.0	5.530	33.057	7.04	0.11	26.074	0.077	1471.	0.2
44	44.1	5.529	33.056	7.04	0.11	26.074	0.081	1471.	0.3
46	45.9	5.529	33.056	7.04	0.12	26.074	0.085	1471.	0.3
48	47.9	5.531	33.058	7.03	0.12	26.075	0.089	1471.	0.5
50	49.9	5.533	33.058	7.03	0.11	26.075	0.093	1471.	0.4
52	52.0	5.531	33.058	7.02	0.11	26.075	0.097	1471.	0.3
54	54.0	5.531	33.057	7.03	0.11	26.075	0.101	1471.	-0.2
56	56.0	5.532	33.058	7.03	0.11	26.075	0.105	1471.	-0.3
57	57.9	5.531	33.057	7.03	0.11	26.074	0.108	1471.	-0.4
60	60.0	5.530	33.057	7.03	0.11	26.074	0.112	1471.	-0.1
62	62.0	5.532	33.057	7.03	0.12	26.074	0.116	1471.	0.6
63	64.0	5.532	33.057	7.04	0.11	26.074	0.120	1471.	0.8
65	66.0	5.531	33.056	7.05	0.11	26.074	0.124	1471.	1.0
68	68.1	5.539	33.060	7.05	0.11	26.075	0.128	1472.	1.0
69	70.0	5.550	33.063	7.06	0.11	26.077	0.132	1472.	1.0
71	71.9	5.554	33.065	7.06	0.11	26.078	0.135	1472.	1.0
73	74.0	5.560	33.067	7.08	0.11	26.079	0.139	1472.	0.9
75	76.1	5.559	33.066	7.10	0.11	26.078	0.143	1472.	0.7
77	77.9	5.559	33.066	7.11	0.11	26.078	0.147	1472.	0.6
79	80.0	5.561	33.067	7.12	0.12	26.078	0.151	1472.	0.7
81	82.0	5.563	33.067	7.12	0.12	26.079	0.155	1472.	0.7
83	84.0	5.561	33.067	7.14	0.12	26.079	0.159	1472.	0.9
85	86.1	5.572	33.070	7.16	0.11	26.079	0.163	1472.	1.0
87	87.8	5.572	33.071	7.15	0.11	26.081	0.166	1472.	1.0
89	90.0	5.584	33.074	7.16	0.11	26.081	0.170	1472.	1.0
91	92.1	5.587	33.075	7.16	0.11	26.082	0.174	1472.	0.9
93	94.0	5.590	33.076	7.17	0.11	26.082	0.178	1472.	0.7
95	95.9	5.593	33.077	7.17	0.11	26.082	0.182	1472.	0.6
97	98.0	5.601	33.079	7.16	0.11	26.083	0.186	1472.	0.6
99	100.1	5.598	33.077	7.15	0.11	26.082	0.190	1472.	1.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	61	11 FEB 1987	1138	42°33.0'N	69°14.9'W	230

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.1	5.613	33.079	7.14	0.11	26.082	0.194	1472.	1.8
103	104.1	5.622	33.082	6.94	0.11	26.083	0.197	1473.	2.3
105	106.0	5.634	33.085	6.71	0.11	26.084	0.201	1473.	2.9
107	108.0	5.722	33.111	6.66	0.11	26.094	0.205	1473.	3.4
109	110.0	5.864	33.147	6.60	0.11	26.105	0.209	1474.	3.7
111	112.1	5.936	33.167	6.56	0.11	26.112	0.213	1474.	3.8
113	113.9	6.079	33.210	6.49	0.12	26.129	0.216	1475.	4.0
115	115.9	6.095	33.222	6.46	0.12	26.136	0.220	1475.	4.0
117	118.0	6.168	33.243	6.42	0.13	26.144	0.224	1475.	4.1
119	120.0	6.204	33.263	6.40	0.13	26.154	0.227	1475.	4.1
121	121.9	6.253	33.286	6.37	0.14	26.167	0.231	1476.	4.1
123	123.9	6.292	33.304	6.34	0.14	26.176	0.235	1476.	4.1
125	126.0	6.365	33.338	6.31	0.15	26.194	0.239	1476.	4.1
127	128.1	6.396	33.351	6.30	0.15	26.200	0.242	1476.	4.0
129	130.0	6.446	33.375	6.26	0.16	26.212	0.246	1477.	3.7
131	132.0	6.473	33.392	6.24	0.16	26.222	0.250	1477.	3.5
133	134.1	6.502	33.404	6.22	0.17	26.228	0.253	1477.	3.4
135	136.2	6.525	33.414	6.21	0.16	26.233	0.257	1477.	3.4
137	137.9	6.530	33.417	6.19	0.16	26.235	0.260	1477.	3.2
139	139.9	6.541	33.432	6.17	0.17	26.245	0.264	1477.	3.0
141	142.0	6.613	33.461	6.13	0.17	26.258	0.268	1478.	2.9
143	144.0	6.636	33.470	6.12	0.18	26.263	0.271	1478.	2.7
145	145.8	6.640	33.471	6.11	0.18	26.263	0.274	1478.	2.6
147	148.0	6.634	33.470	6.10	0.17	26.263	0.278	1478.	2.3
149	150.0	6.646	33.475	6.09	0.17	26.265	0.282	1478.	2.0
151	152.1	6.666	33.483	6.08	0.17	26.269	0.285	1478.	2.1
153	154.1	6.664	33.494	6.08	0.17	26.277	0.289	1478.	2.1
155	156.0	6.662	33.495	6.05	0.16	26.279	0.292	1478.	2.3
157	157.9	6.672	33.495	5.77	0.17	26.277	0.296	1478.	2.5
159	160.0	6.695	33.507	5.63	0.17	26.284	0.299	1478.	3.0
161	162.0	6.777	33.518	5.60	0.17	26.282	0.303	1479.	3.5
163	164.0	6.896	33.555	5.54	0.17	26.295	0.306	1479.	4.0
165	165.9	7.074	33.597	5.46	0.18	26.304	0.309	1480.	4.4
167	168.0	7.125	33.637	5.43	0.18	26.328	0.313	1480.	4.5
168	169.7	7.072	33.648	5.44	0.19	26.344	0.316	1480.	4.5
171	172.2	7.041	33.663	5.43	0.19	26.360	0.320	1480.	4.2
173	174.0	6.989	33.661	5.43	0.19	26.366	0.323	1480.	3.9
175	176.1	6.951	33.660	5.43	0.19	26.370	0.327	1480.	3.6
177	178.1	6.938	33.666	5.42	0.20	26.377	0.330	1480.	3.5
178	180.0	6.913	33.670	5.40	0.20	26.383	0.333	1480.	3.6
180	182.0	6.873	33.670	5.39	0.21	26.389	0.336	1479.	3.8
182	184.0	6.810	33.674	5.40	0.22	26.400	0.340	1479.	3.9
185	186.1	6.766	33.682	5.39	0.23	26.412	0.343	1479.	3.9
186	187.9	6.717	33.696	5.39	0.25	26.430	0.346	1479.	3.8
188	190.0	6.707	33.698	5.38	0.26	26.433	0.350	1479.	3.5
190	192.0	6.688	33.705	5.37	0.27	26.441	0.353	1479.	3.2
192	194.0	6.686	33.711	5.36	0.29	26.446	0.356	1479.	3.0
194	196.1	6.685	33.713	5.35	0.29	26.448	0.359	1479.	2.6
196	197.9	6.681	33.717	5.33	0.31	26.451	0.362	1479.	2.5
198	200.0	6.674	33.723	5.33	0.33	26.457	0.366	1479.	2.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	61	11 FEB 1987	1138	42°33.0'N	69°14.9'W	230

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	202.0	6.669	33.730	5.33	0.34	26.463	0.369	1479.	2.1
202	204.1	6.669	33.730	5.33	0.34	26.463	0.372	1479.	2.0
204	206.1	6.668	33.731	5.32	0.34	26.464	0.375	1479.	1.8
206	207.9	6.668	33.732	5.31	0.35	26.465	0.378	1479.	1.6
208	210.0	6.668	33.736	5.31	0.36	26.468	0.381	1479.	1.5
210	212.1	6.665	33.738	5.30	0.36	26.470	0.385	1479.	1.5
212	213.9	6.664	33.739	5.29	0.36	26.470	0.388	1479.	1.4
213	215.3	6.664	33.739	5.28	0.37	26.470	0.390	1479.	1.4
214	216.0	6.664	33.739	5.28	0.37	26.471	0.391	1479.	1.1
215	217.1	6.665	33.739	5.27	0.37	26.471	0.393	1479.	0.8
216	218.0	6.664	33.740	5.27	0.38	26.472	0.394	1479.	0.8
217	219.0	6.663	33.741	5.26	0.39	26.473	0.396	1479.	0.8
218	220.1	6.663	33.739	5.26	0.40	26.471	0.397	1479.	0.8
220	222.1	6.662	33.740	5.26	0.42	26.472	0.400	1479.	0.8
221	223.0	6.662	33.740	5.26	0.41	26.472	0.402	1479.	0.8
222	224.0	6.662	33.741	5.26	0.40	26.472	0.404	1479.	0.8

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	62	11 FEB 1987	1324	42°34.5'N	69°00.1'W	195

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.4	4.609	32.693	7.43	0.12	25.889	0.000	1466.	0.5
4	4.1	4.608	32.693	7.45	0.11	25.889	0.004	1466.	0.5
6	5.9	4.608	32.692	7.44	0.11	25.889	0.007	1466.	0.5
8	8.0	4.609	32.692	7.45	0.11	25.889	0.012	1466.	0.5
10	9.8	4.611	32.693	7.45	0.11	25.889	0.016	1466.	0.5
12	12.2	4.615	32.694	7.44	0.11	25.889	0.021	1466.	0.6
14	14.0	4.621	32.695	7.44	0.11	25.890	0.024	1466.	0.6
16	16.1	4.612	32.694	7.45	0.11	25.890	0.029	1466.	0.5
18	17.9	4.628	32.697	7.43	0.12	25.891	0.033	1467.	0.5
20	20.1	4.628	32.697	7.45	0.11	25.890	0.037	1467.	0.5
21	21.6	4.625	32.696	7.46	0.12	25.890	0.040	1467.	0.4
24	24.1	4.627	32.696	7.46	0.11	25.890	0.046	1467.	0.4
26	26.0	4.628	32.698	7.46	0.11	25.891	0.049	1467.	0.3
28	27.9	4.630	32.698	7.44	0.11	25.891	0.053	1467.	0.4
30	30.2	4.623	32.697	7.46	0.11	25.890	0.058	1467.	0.3
32	31.8	4.630	32.697	7.45	0.11	25.890	0.062	1467.	0.6
34	34.0	4.630	32.698	7.45	0.11	25.891	0.066	1467.	0.3
36	36.1	4.633	32.698	7.44	0.11	25.891	0.071	1467.	1.2
38	37.9	4.642	32.699	7.43	0.11	25.890	0.075	1467.	2.1
40	40.2	4.663	32.707	7.42	0.11	25.894	0.079	1467.	3.0
42	41.9	4.689	32.704	7.38	0.12	25.889	0.083	1467.	4.2
44	44.0	4.728	32.726	7.36	0.11	25.903	0.087	1467.	5.3
46	45.9	4.843	32.767	7.30	0.11	25.923	0.091	1468.	5.9
48	48.0	5.078	32.833	7.18	0.11	25.949	0.096	1469.	6.3
50	50.1	5.374	32.937	7.07	0.10	25.998	0.100	1470.	6.3
51	51.7	5.536	33.011	6.99	0.10	26.037	0.103	1471.	5.9
54	54.1	5.628	33.037	6.95	0.10	26.047	0.108	1472.	5.3
55	55.9	5.707	33.067	6.93	0.10	26.061	0.111	1472.	4.4
58	58.0	5.791	33.083	6.89	0.10	26.064	0.115	1472.	3.3
60	60.1	5.820	33.091	6.88	0.11	26.067	0.120	1473.	2.3
62	62.0	5.825	33.092	6.87	0.11	26.067	0.123	1473.	1.7
64	64.2	5.833	33.093	6.88	0.11	26.067	0.128	1473.	1.1
65	65.9	5.846	33.097	6.87	0.11	26.068	0.131	1473.	1.0
68	68.1	5.856	33.098	6.87	0.11	26.068	0.135	1473.	0.9
69	69.8	5.859	33.099	6.86	0.11	26.068	0.138	1473.	1.0
72	72.2	5.863	33.100	6.87	0.12	26.069	0.143	1473.	1.2
73	74.0	5.872	33.103	6.87	0.12	26.070	0.147	1473.	1.3
76	76.1	5.895	33.109	6.86	0.12	26.072	0.151	1473.	1.4
77	77.9	5.899	33.111	6.85	0.13	26.072	0.154	1473.	1.6
80	80.4	5.918	33.117	6.87	0.13	26.075	0.159	1473.	1.6
81	82.0	5.939	33.121	6.89	0.14	26.076	0.162	1473.	1.6
83	84.0	5.945	33.125	6.91	0.14	26.078	0.166	1474.	1.6
85	86.0	5.956	33.130	6.92	0.15	26.081	0.170	1474.	1.5
88	88.3	5.957	33.132	6.94	0.15	26.082	0.174	1474.	1.5
89	89.9	5.959	33.132	6.93	0.15	26.082	0.177	1474.	1.7
91	92.1	5.964	33.134	6.94	0.15	26.083	0.182	1474.	1.9
93	93.7	5.971	33.138	6.93	0.15	26.085	0.185	1474.	2.1
95	96.0	5.976	33.139	6.92	0.16	26.085	0.189	1474.	2.7
97	98.2	6.006	33.156	6.86	0.18	26.095	0.193	1474.	3.1
99	99.9	6.095	33.174	6.48	0.19	26.098	0.197	1474.	3.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	62	11 FEB 1987	1324	42°34.5'N	69°00.1'W	195

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.1	6.117	33.187	6.47	0.18	26.106	0.201	1475.	3.5
103	104.1	6.216	33.227	6.43	0.19	26.125	0.204	1475.	3.5
105	105.9	6.311	33.249	6.38	0.19	26.130	0.208	1475.	3.3
107	107.9	6.344	33.260	6.35	0.18	26.135	0.212	1476.	3.1
109	110.0	6.371	33.273	6.35	0.17	26.141	0.216	1476.	2.8
111	111.9	6.368	33.276	6.35	0.16	26.145	0.219	1476.	2.4
113	114.0	6.366	33.277	6.32	0.15	26.145	0.223	1476.	2.3
115	116.1	6.388	33.286	6.31	0.15	26.149	0.227	1476.	2.3
117	118.2	6.407	33.295	6.28	0.15	26.154	0.231	1476.	2.2
119	120.0	6.424	33.299	6.25	0.16	26.155	0.234	1476.	2.3
121	122.2	6.455	33.311	6.22	0.16	26.161	0.238	1476.	3.1
123	123.8	6.469	33.317	6.16	0.16	26.164	0.241	1476.	3.8
125	126.0	6.470	33.319	6.12	0.16	26.165	0.246	1477.	4.4
127	128.1	6.493	33.332	6.10	0.16	26.172	0.249	1477.	4.9
129	130.1	6.614	33.404	6.04	0.19	26.213	0.253	1477.	5.2
131	131.9	6.676	33.437	6.01	0.20	26.231	0.256	1478.	5.2
133	134.0	6.783	33.487	5.97	0.22	26.256	0.260	1478.	5.3
135	135.9	6.828	33.508	5.95	0.22	26.267	0.263	1478.	5.1
137	138.1	6.881	33.531	5.92	0.23	26.278	0.267	1479.	4.6
139	140.3	6.878	33.543	5.93	0.27	26.288	0.271	1479.	4.2
141	141.7	6.784	33.548	5.95	0.28	26.304	0.274	1478.	3.8
143	144.1	6.762	33.559	5.95	0.28	26.316	0.278	1478.	3.5
145	146.1	6.769	33.566	5.96	0.31	26.320	0.281	1478.	3.1
147	147.9	6.800	33.570	5.93	0.32	26.320	0.284	1479.	2.9
149	150.3	6.845	33.584	5.91	0.29	26.324	0.288	1479.	2.6
151	151.8	6.932	33.600	5.62	0.29	26.326	0.291	1479.	2.7
153	154.2	7.105	33.639	5.45	0.30	26.333	0.295	1480.	2.8
154	155.7	7.181	33.666	5.41	0.31	26.343	0.298	1480.	2.9
157	158.1	7.204	33.673	5.39	0.31	26.346	0.301	1480.	2.9
159	160.0	7.253	33.693	5.37	0.32	26.355	0.305	1481.	2.8
161	161.9	7.262	33.701	5.34	0.34	26.359	0.308	1481.	2.8
163	164.1	7.259	33.702	5.33	0.35	26.361	0.312	1481.	2.8
165	165.9	7.264	33.706	5.32	0.37	26.363	0.315	1481.	2.8
166	167.8	7.287	33.717	5.29	0.39	26.369	0.318	1481.	2.6
169	170.1	7.333	33.741	5.26	0.40	26.381	0.322	1481.	2.5
170	171.7	7.340	33.747	5.25	0.41	26.385	0.324	1481.	2.6
173	174.1	7.392	33.754	5.20	0.41	26.383	0.328	1481.	2.4
175	176.1	7.413	33.761	5.19	0.39	26.386	0.332	1482.	2.3
176	177.7	7.423	33.767	5.17	0.40	26.389	0.334	1482.	2.2
179	180.1	7.465	33.784	5.14	0.39	26.396	0.338	1482.	2.4
180	181.3	7.487	33.785	5.14	0.36	26.394	0.340	1482.	2.8
181	182.1	7.502	33.793	5.13	0.33	26.398	0.342	1482.	3.1
181	182.8	7.511	33.802	5.11	0.36	26.404	0.343	1482.	3.3
182	183.9	7.517	33.808	5.10	0.38	26.408	0.344	1482.	3.5
183	184.9	7.521	33.813	5.10	0.39	26.411	0.346	1482.	3.5
184	186.0	7.530	33.821	5.09	0.40	26.417	0.348	1482.	3.3
185	187.0	7.538	33.828	5.09	0.41	26.420	0.350	1482.	3.1
186	188.0	7.541	33.830	5.09	0.41	26.422	0.351	1482.	2.9
187	189.0	7.541	33.834	5.08	0.41	26.425	0.353	1482.	2.9
188	190.0	7.539	33.836	5.08	0.41	26.427	0.354	1482.	2.9

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	62	11 FEB 1987	1324	42°34.5'N	69°00.1'W	195

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
189	191.0	7.539	33.837	5.09	0.40	26.428	0.356	1482.	2.9
190	191.6	7.541	33.837	5.09	0.40	26.428	0.357	1482.	2.9

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	63	11 FEB 1987	1511	42°35.6'N	68°45.0'W	194

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.7	4.682	32.628	7.40	0.08	25.829	0.000	1466.	0.2
4	4.0	4.681	32.628	7.41	0.08	25.830	0.003	1466.	0.2
6	5.9	4.679	32.628	7.41	0.08	25.830	0.007	1466.	0.2
8	8.0	4.677	32.628	7.41	0.08	25.830	0.012	1467.	0.2
10	10.1	4.682	32.628	7.42	0.08	25.830	0.016	1467.	0.2
12	11.7	4.689	32.628	7.41	0.08	25.829	0.019	1467.	-0.3
14	14.1	4.696	32.630	7.40	0.08	25.830	0.025	1467.	0.5
16	16.2	4.697	32.630	7.41	0.08	25.830	0.029	1467.	0.7
18	18.0	4.699	32.631	7.41	0.08	25.830	0.033	1467.	0.9
20	20.1	4.704	32.630	7.40	0.08	25.829	0.038	1467.	0.9
22	22.0	4.714	32.636	7.40	0.08	25.833	0.042	1467.	1.0
24	24.0	4.718	32.636	7.40	0.08	25.833	0.046	1467.	1.1
26	26.0	4.719	32.638	7.40	0.08	25.833	0.050	1467.	1.1
28	28.0	4.721	32.637	7.40	0.08	25.833	0.055	1467.	1.0
30	30.0	4.728	32.641	7.39	0.08	25.835	0.059	1467.	0.8
32	32.0	4.730	32.642	7.38	0.08	25.836	0.063	1467.	0.7
34	34.3	4.728	32.641	7.40	0.08	25.835	0.068	1467.	0.6
35	35.8	4.728	32.641	7.38	0.08	25.835	0.071	1467.	0.6
38	37.9	4.728	32.641	7.38	0.08	25.835	0.076	1467.	0.5
40	40.1	4.729	32.640	7.40	0.08	25.834	0.081	1467.	0.6
41	41.7	4.731	32.642	7.40	0.08	25.835	0.084	1467.	0.7
44	44.0	4.736	32.643	7.38	0.08	25.836	0.089	1467.	0.8
46	46.1	4.738	32.644	7.39	0.08	25.837	0.094	1467.	1.1
47	47.7	4.740	32.645	7.39	0.08	25.837	0.097	1467.	1.6
50	50.0	4.741	32.645	7.39	0.08	25.837	0.102	1467.	2.3
52	52.2	4.749	32.647	7.41	0.08	25.838	0.107	1468.	3.2
53	53.9	4.774	32.656	7.41	0.08	25.842	0.110	1468.	4.0
56	56.0	4.815	32.675	7.40	0.08	25.853	0.115	1468.	4.6
58	58.0	4.896	32.711	7.38	0.07	25.872	0.119	1468.	5.0
60	60.3	5.048	32.764	7.33	0.07	25.898	0.124	1469.	5.1
61	61.8	5.119	32.804	7.28	0.07	25.921	0.127	1469.	5.0
64	64.1	5.203	32.838	7.23	0.07	25.938	0.132	1470.	4.7
66	66.1	5.245	32.856	7.23	0.07	25.948	0.136	1470.	4.6
68	68.2	5.258	32.864	7.27	0.06	25.953	0.140	1470.	4.7
69	69.8	5.261	32.866	7.24	0.07	25.955	0.144	1470.	4.9
71	71.9	5.299	32.890	7.22	0.07	25.969	0.148	1470.	5.3
73	74.0	5.445	32.946	7.17	0.08	25.996	0.152	1471.	5.6
75	76.1	5.617	33.014	6.98	0.08	26.030	0.156	1472.	5.8
77	77.9	5.729	33.062	6.59	0.10	26.055	0.160	1472.	5.9
79	80.0	5.858	33.106	6.54	0.11	26.074	0.164	1473.	5.7
82	82.2	6.036	33.157	6.47	0.13	26.092	0.168	1474.	5.5
83	83.8	6.118	33.186	6.39	0.14	26.105	0.171	1474.	5.2
85	86.0	6.276	33.241	6:29	0.17	26.128	0.175	1475.	4.9
87	88.1	6.385	33.276	6.26	0.17	26.142	0.179	1476.	4.7
89	89.9	6.464	33.305	6.21	0.16	26.154	0.183	1476.	4.4
91	92.0	6.539	33.337	6.16	0.17	26.170	0.187	1476.	4.0
93	94.0	6.550	33.346	6.13	0.18	26.176	0.190	1476.	3.5
95	96.2	6.576	33.361	6.12	0.18	26.184	0.195	1477.	3.2
97	97.6	6.590	33.368	6.09	0.18	26.188	0.197	1477.	2.9
99	100.0	6.599	33.371	6.07	0.18	26.189	0.201	1477.	2.8

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	63	11 FEB 1987	1511	42°35.6'N	68°45.0'W	194

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	6.654	33.384	6.06	0.17	26.192	0.205	1477.	2.9
103	103.7	6.732	33.406	6.04	0.15	26.200	0.208	1477.	3.0
105	106.0	6.779	33.422	6.02	0.12	26.206	0.212	1478.	3.3
107	108.3	6.827	33.445	6.00	0.09	26.217	0.217	1478.	3.6
109	109.8	6.837	33.452	5.97	0.08	26.222	0.219	1478.	3.7
111	112.1	6.853	33.466	5.95	0.09	26.231	0.223	1478.	3.8
113	114.4	6.875	33.488	5.95	0.09	26.245	0.228	1478.	3.8
115	115.8	6.927	33.507	5.89	0.09	26.253	0.230	1478.	3.7
117	118.1	6.983	33.529	5.86	0.10	26.262	0.234	1479.	3.6
119	120.2	7.055	33.554	5.85	0.10	26.273	0.238	1479.	3.4
121	121.9	7.095	33.568	5.83	0.10	26.278	0.241	1479.	3.3
123	124.1	7.122	33.575	5.80	0.10	26.280	0.244	1479.	3.3
125	126.2	7.150	33.588	5.78	0.10	26.286	0.248	1480.	3.4
127	128.0	7.187	33.603	5.74	0.11	26.293	0.251	1480.	3.5
129	130.1	7.288	33.640	5.72	0.15	26.308	0.255	1480.	3.6
131	132.2	7.346	33.659	5.71	0.19	26.315	0.259	1480.	3.6
133	133.9	7.356	33.673	5.73	0.20	26.325	0.261	1481.	3.4
135	136.0	7.351	33.680	5.73	0.20	26.330	0.265	1481.	3.2
137	138.2	7.353	33.689	5.74	0.19	26.338	0.269	1481.	2.9
139	139.7	7.355	33.692	5.76	0.17	26.340	0.271	1481.	2.6
141	142.0	7.357	33.697	5.76	0.17	26.343	0.275	1481.	2.4
143	144.2	7.359	33.701	5.77	0.16	26.346	0.279	1481.	2.3
144	145.6	7.360	33.704	5.76	0.18	26.349	0.281	1481.	2.2
147	148.1	7.363	33.709	5.76	0.18	26.352	0.285	1481.	2.3
149	150.1	7.374	33.715	5.76	0.18	26.355	0.289	1481.	2.4
151	151.9	7.387	33.721	5.56	0.18	26.358	0.292	1481.	2.5
153	154.0	7.397	33.728	5.36	0.18	26.362	0.295	1481.	2.6
155	156.0	7.415	33.739	5.34	0.19	26.369	0.299	1481.	2.8
157	158.1	7.427	33.749	5.34	0.21	26.374	0.302	1481.	2.9
159	159.9	7.435	33.755	5.32	0.23	26.378	0.305	1481.	2.9
161	162.0	7.447	33.763	5.31	0.24	26.383	0.309	1481.	2.8
163	164.1	7.461	33.777	5.29	0.25	26.391	0.312	1482.	2.6
165	166.0	7.471	33.785	5.26	0.26	26.396	0.315	1482.	2.5
167	168.1	7.480	33.790	5.24	0.26	26.399	0.319	1482.	2.3
169	170.1	7.484	33.793	5.21	0.26	26.401	0.322	1482.	2.2
171	172.0	7.487	33.795	5.20	0.26	26.402	0.325	1482.	2.3
172	173.9	7.489	33.798	5.16	0.26	26.404	0.328	1482.	2.7
175	176.1	7.489	33.801	5.12	0.26	26.406	0.332	1482.	3.2
177	178.2	7.484	33.811	5.11	0.28	26.415	0.335	1482.	3.7
178	179.2	7.478	33.822	5.10	0.29	26.425	0.337	1482.	4.1
178	179.9	7.471	33.832	5.10	0.29	26.434	0.338	1482.	4.5
179	181.0	7.458	33.846	5.10	0.30	26.447	0.340	1482.	4.6
180	182.0	7.451	33.851	5.09	0.31	26.451	0.342	1482.	4.4
181	183.0	7.442	33.855	5.09	0.32	26.455	0.343	1482.	3.8
182	184.0	7.432	33.857	5.08	0.32	26.459	0.345	1482.	3.3
183	185.0	7.427	33.859	5.07	0.33	26.461	0.346	1482.	3.3
184	186.0	7.422	33.860	5.06	0.34	26.462	0.348	1482.	3.3
185	187.1	7.417	33.860	5.05	0.35	26.463	0.350	1482.	3.3
186	187.7	7.415	33.861	5.05	0.35	26.464	0.351	1482.	3.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	64	11 FEB 1987	1659	42°35.0'N	68°30.1'W	220

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.6	4.823	32.791	6.71	0.16	25.944	0.000	1467.	0.5
4	4.2	4.823	32.792	6.71	0.14	25.945	0.003	1467.	0.5
6	5.9	4.823	32.792	6.70	0.12	25.945	0.007	1467.	0.5
8	8.0	4.824	32.792	6.72	0.11	25.945	0.011	1467.	0.5
10	10.0	4.824	32.792	6.72	0.11	25.945	0.015	1467.	0.5
12	11.8	4.825	32.792	6.73	0.11	25.945	0.019	1467.	0.4
14	14.1	4.823	32.792	6.75	0.11	25.945	0.024	1467.	0.4
16	16.0	4.820	32.793	6.75	0.11	25.945	0.027	1467.	0.4
18	18.0	4.821	32.792	6.76	0.11	25.945	0.032	1467.	0.4
20	20.2	4.821	32.793	6.78	0.11	25.945	0.036	1468.	0.4
22	22.0	4.825	32.793	6.79	0.11	25.946	0.040	1468.	0.4
24	24.4	4.831	32.794	6.78	0.11	25.945	0.045	1468.	0.3
26	25.7	4.831	32.794	6.75	0.11	25.945	0.047	1468.	0.5
28	28.0	4.833	32.794	6.75	0.11	25.945	0.052	1468.	0.5
30	29.9	4.834	32.794	6.75	0.11	25.945	0.056	1468.	0.6
32	32.0	4.841	32.796	6.76	0.11	25.946	0.060	1468.	0.7
34	34.0	4.844	32.798	6.76	0.11	25.947	0.064	1468.	0.7
36	36.0	4.846	32.798	6.76	0.11	25.947	0.069	1468.	0.9
38	38.0	4.850	32.799	6.77	0.11	25.947	0.073	1468.	1.0
40	40.1	4.850	32.799	6.78	0.11	25.947	0.077	1468.	1.1
41	41.8	4.850	32.800	6.77	0.11	25.948	0.080	1468.	1.2
44	44.2	4.873	32.806	6.75	0.11	25.950	0.085	1468.	1.1
45	45.7	4.872	32.806	6.75	0.11	25.951	0.088	1468.	1.0
48	48.4	4.885	32.810	6.76	0.11	25.952	0.094	1468.	0.9
49	49.8	4.897	32.813	6.75	0.11	25.953	0.097	1468.	1.0
52	52.1	4.902	32.811	6.75	0.11	25.951	0.101	1468.	1.3
53	53.8	4.888	32.809	6.78	0.11	25.951	0.105	1468.	1.8
56	56.2	4.882	32.808	6.80	0.11	25.951	0.110	1468.	2.4
58	58.0	4.904	32.818	6.77	0.11	25.956	0.114	1469.	3.2
59	59.8	4.960	32.833	6.74	0.11	25.962	0.117	1469.	3.8
62	62.3	5.053	32.860	6.71	0.10	25.973	0.122	1469.	4.3
63	63.8	5.128	32.884	6.65	0.10	25.983	0.125	1470.	5.4
66	66.1	5.328	32.951	6.56	0.09	26.014	0.130	1471.	5.9
68	68.1	5.456	32.984	6.50	0.08	26.025	0.134	1471.	6.1
69	69.9	5.623	33.026	6.42	0.08	26.039	0.138	1472.	6.2
71	72.0	5.938	33.178	6.29	0.07	26.121	0.142	1473.	6.0
73	73.7	6.075	33.201	6.24	0.07	26.122	0.145	1474.	5.7
76	76.3	6.182	33.237	6.20	0.07	26.137	0.150	1474.	5.2
77	77.8	6.272	33.268	6.17	0.07	26.150	0.152	1475.	4.4
79	80.1	6.366	33.293	6.14	0.07	26.158	0.157	1475.	3.3
81	82.0	6.420	33.309	6.12	0.07	26.164	0.160	1476.	3.2
83	84.0	6.429	33.310	6.12	0.07	26.163	0.164	1476.	3.1
85	86.0	6.463	33.322	6.12	0.07	26.168	0.168	1476.	3.2
87	88.1	6.511	33.338	6.11	0.07	26.175	0.171	1476.	3.3
89	90.0	6.569	33.357	6.07	0.08	26.182	0.175	1476.	3.4
91	92.0	6.664	33.391	6.02	0.08	26.196	0.179	1477.	3.5
93	94.1	6.725	33.413	6.00	0.08	26.206	0.183	1477.	3.5
95	95.8	6.767	33.430	5.96	0.08	26.213	0.186	1477.	3.5
97	98.2	6.796	33.438	5.95	0.09	26.216	0.190	1478.	3.4
99	100.1	6.834	33.453	5.93	0.09	26.223	0.193	1478.	3.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	64	11 FEB 1987	1659	42°35.0'N	68°30.1'W	220

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.3	6.890	33.475	5.91	0.09	26.233	0.197	1478.	3.3
103	103.9	6.919	33.486	5.86	0.10	26.238	0.200	1478.	3.2
105	106.2	6.977	33.509	5.85	0.10	26.248	0.204	1478.	3.4
107	107.8	7.004	33.521	5.82	0.11	26.253	0.207	1479.	3.4
109	110.1	7.037	33.532	5.81	0.11	26.258	0.211	1479.	3.3
111	111.8	7.055	33.541	5.80	0.11	26.262	0.214	1479.	3.1
113	114.2	7.148	33.577	5.78	0.12	26.278	0.218	1479.	2.9
115	115.8	7.178	33.590	5.74	0.13	26.284	0.221	1479.	2.6
117	118.0	7.183	33.591	5.74	0.13	26.284	0.225	1480.	2.4
119	119.9	7.187	33.592	5.75	0.13	26.285	0.228	1480.	2.2
121	122.0	7.195	33.595	5.76	0.13	26.286	0.232	1480.	2.0
123	123.9	7.203	33.598	5.76	0.13	26.287	0.235	1480.	2.0
125	125.9	7.235	33.611	5.74	0.13	26.292	0.239	1480.	2.1
127	128.0	7.274	33.625	5.73	0.13	26.298	0.242	1480.	2.2
129	130.0	7.284	33.629	5.72	0.13	26.300	0.246	1480.	2.2
131	131.9	7.295	33.634	5.72	0.14	26.302	0.249	1480.	2.2
133	134.1	7.310	33.640	5.71	0.14	26.305	0.253	1480.	2.2
135	136.0	7.315	33.643	5.70	0.14	26.306	0.256	1480.	2.3
137	137.8	7.323	33.646	5.69	0.14	26.308	0.259	1480.	2.6
139	140.0	7.380	33.667	5.66	0.13	26.317	0.263	1481.	3.3
141	141.9	7.397	33.673	5.65	0.14	26.319	0.266	1481.	3.7
143	144.1	7.436	33.688	5.62	0.14	26.325	0.270	1481.	3.9
145	145.9	7.537	33.726	5.55	0.13	26.341	0.273	1482.	4.1
147	148.0	7.711	33.790	5.46	0.11	26.366	0.277	1482.	4.2
149	149.8	7.732	33.803	5.41	0.11	26.373	0.280	1482.	4.3
151	152.1	7.746	33.813	5.38	0.11	26.379	0.284	1483.	4.4
152	153.7	7.773	33.832	5.36	0.12	26.390	0.286	1483.	4.3
155	156.2	7.790	33.845	5.31	0.12	26.398	0.290	1483.	4.1
157	157.8	7.815	33.875	4.98	0.14	26.418	0.293	1483.	4.1
159	160.3	7.820	33.902	4.98	0.15	26.438	0.297	1483.	3.9
161	162.0	7.817	33.904	4.96	0.16	26.441	0.300	1483.	3.5
163	163.9	7.820	33.909	4.97	0.16	26.444	0.303	1483.	3.2
165	166.1	7.772	33.905	5.00	0.16	26.448	0.306	1483.	2.9
167	168.1	7.756	33.905	5.03	0.17	26.450	0.309	1483.	2.8
168	169.7	7.745	33.906	5.05	0.17	26.452	0.312	1483.	3.0
171	172.1	7.724	33.915	5.06	0.18	26.462	0.316	1483.	3.1
172	173.9	7.729	33.924	5.05	0.18	26.469	0.319	1483.	3.2
175	176.1	7.741	33.941	5.06	0.18	26.480	0.322	1483.	3.1
177	178.1	7.747	33.949	5.05	0.19	26.486	0.325	1483.	2.9
179	180.2	7.752	33.955	5.05	0.19	26.490	0.329	1483.	2.5
181	182.0	7.750	33.958	5.04	0.20	26.492	0.331	1483.	2.2
182	184.0	7.749	33.959	5.04	0.20	26.494	0.335	1483.	1.9
185	186.2	7.748	33.961	5.03	0.20	26.495	0.338	1483.	1.9
186	188.0	7.748	33.962	5.03	0.20	26.495	0.341	1483.	2.0
189	190.3	7.748	33.964	5.03	0.21	26.497	0.344	1483.	2.2
190	192.0	7.760	33.973	5.03	0.21	26.503	0.347	1483.	2.3
192	194.1	7.775	33.982	5.03	0.21	26.508	0.350	1484.	2.4
194	196.0	7.782	33.989	5.02	0.21	26.512	0.353	1484.	2.4
196	198.0	7.772	33.993	5.02	0.23	26.517	0.356	1484.	2.3
198	200.1	7.761	33.992	5.01	0.27	26.518	0.359	1484.	2.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	64	11 FEB 1987	1659	42°35.0'N	68°30.1'W	220

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	201.2	7.757	33.992	5.02	0.29	26.518	0.361	1484.	2.1
200	202.0	7.756	33.993	5.02	0.30	26.519	0.362	1484.	2.1
201	202.9	7.754	33.994	5.01	0.29	26.520	0.364	1484.	2.0
202	204.0	7.746	33.996	5.01	0.28	26.523	0.365	1484.	2.1
203	204.9	7.737	33.997	5.02	0.29	26.525	0.367	1484.	2.1
204	206.1	7.730	33.997	5.03	0.30	26.526	0.369	1484.	1.9
205	207.0	7.726	33.998	5.02	0.31	26.527	0.370	1484.	1.6
206	208.0	7.725	33.997	5.02	0.32	26.527	0.372	1484.	1.3
207	209.0	7.724	33.997	5.02	0.33	26.527	0.373	1484.	1.0
208	210.1	7.724	33.998	5.02	0.33	26.528	0.375	1484.	0.7
209	211.0	7.724	33.997	5.02	0.33	26.527	0.376	1484.	0.5
210	212.0	7.724	33.998	5.03	0.33	26.528	0.378	1484.	0.5
211	213.0	7.724	33.998	5.03	0.33	26.528	0.379	1484.	0.5
212	213.9	7.724	33.998	5.03	0.34	26.528	0.381	1484.	0.5
213	215.1	7.725	33.998	5.02	0.37	26.527	0.382	1484.	0.5

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	65	11 FEB 1987	1859	42°34.5'N	68°15.2'W	194

DEPTH m	PRESS dbar	TEMP °C	SALIN .psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.5	4.631	32.720	7.45	0.14	25.908	0.000	1466.	0.6
4	3.8	4.630	32.720	7.42	0.11	25.908	0.003	1466.	0.6
6	6.1	4.630	32.720	7.42	0.09	25.908	0.008	1466.	0.6
8	7.8	4.630	32.721	7.40	0.08	25.909	0.011	1466.	0.6
10	10.1	4.631	32.720	7.41	0.08	25.908	0.016	1466.	0.6
12	12.0	4.632	32.720	7.43	0.08	25.908	0.020	1467.	0.5
14	14.0	4.634	32.721	7.43	0.08	25.908	0.024	1467.	0.7
16	16.0	4.640	32.722	7.42	0.08	25.909	0.028	1467.	0.7
18	17.7	4.642	32.724	7.41	0.08	25.910	0.032	1467.	0.6
20	20.0	4.648	32.723	7.39	0.08	25.909	0.036	1467.	0.4
22	22.3	4.652	32.727	7.42	0.08	25.912	0.041	1467.	-0.3
24	23.8	4.646	32.725	7.43	0.08	25.910	0.044	1467.	-0.6
26	25.9	4.640	32.722	7.40	0.08	25.909	0.049	1467.	-0.7
28	28.0	4.639	32.721	7.40	0.08	25.908	0.053	1467.	-0.4
30	30.1	4.636	32.721	7.41	0.08	25.908	0.057	1467.	-0.3
32	31.9	4.636	32.720	7.40	0.08	25.908	0.061	1467.	0.6
34	34.3	4.636	32.720	7.42	0.08	25.908	0.066	1467.	1.8
36	36.0	4.649	32.726	7.41	0.08	25.911	0.070	1467.	2.8
37	37.7	4.649	32.725	7.41	0.08	25.910	0.073	1467.	3.6
40	40.2	4.645	32.726	7.41	0.08	25.911	0.079	1467.	4.3
42	41.9	4.772	32.772	7.34	0.08	25.934	0.082	1468.	4.9
44	44.2	4.900	32.822	7.29	0.08	25.960	0.087	1468.	5.3
45	45.7	4.977	32.859	7.25	0.08	25.980	0.090	1469.	5.6
48	48.1	5.100	32.905	7.20	0.08	26.003	0.095	1469.	5.8
49	49.8	5.168	32.932	7.16	0.08	26.018	0.098	1470.	5.9
52	52.0	5.256	32.971	7.12	0.08	26.038	0.102	1470.	5.9
54	54.0	5.346	33.010	7.07	0.07	26.059	0.106	1470.	5.9
55	55.9	5.503	33.073	6.99	0.07	26.090	0.110	1471.	5.8
58	58.3	5.658	33.136	6.94	0.07	26.122	0.115	1472.	5.5
59	59.9	5.718	33.162	6.90	0.07	26.135	0.118	1472.	5.0
62	62.0	5.790	33.194	6.88	0.07	26.151	0.122	1473.	4.4
63	63.9	5.820	33.207	6.87	0.07	26.159	0.125	1473.	3.6
65	65.9	5.828	33.213	6.86	0.07	26.162	0.129	1473.	2.7
68	68.3	5.828	33.215	6.87	0.07	26.163	0.133	1473.	2.1
69	69.9	5.833	33.215	6.85	0.07	26.163	0.136	1473.	1.6
72	72.1	5.835	33.216	6.85	0.07	26.163	0.140	1473.	1.2
73	73.8	5.845	33.219	6.86	0.07	26.165	0.143	1473.	1.0
76	76.3	5.859	33.223	6.86	0.07	26.166	0.148	1473.	0.9
77	77.8	5.863	33.225	6.85	0.07	26.167	0.151	1473.	0.9
79	80.1	5.863	33.225	6.85	0.07	26.167	0.155	1473.	0.8
81	81.7	5.865	33.224	6.88	0.08	26.166	0.158	1473.	0.7
83	84.0	5.864	33.224	6.90	0.08	26.166	0.162	1473.	0.9
85	85.8	5.869	33.225	6.93	0.08	26.167	0.166	1473.	1.2
88	88.2	5.880	33.228	6.96	0.07	26.168	0.170	1473.	1.4
89	90.0	5.906	33.234	6.96	0.07	26.169	0.173	1474.	1.6
91	92.1	5.943	33.245	6.96	0.07	26.173	0.177	1474.	1.7
93	94.0	5.953	33.249	6.96	0.07	26.175	0.181	1474.	2.0
95	95.9	5.964	33.251	6.94	0.08	26.176	0.184	1474.	2.7
97	98.0	5.975	33.256	6.78	0.08	26.178	0.188	1474.	3.3
99	100.0	6.030	33.270	6.47	0.08	26.182	0.192	1474.	3.8

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	65	11 FEB 1987	1859	42°34.5'N	68°15.2'W	194

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	6.133	33.294	6.43	0.08	26.188	0.195	1475.	4.0
103	103.9	6.424	33.377	6.31	0.09	26.217	0.199	1476.	4.1
105	106.0	6.593	33.429	6.21	0.10	26.236	0.203	1477.	4.1
107	108.1	6.649	33.448	6.18	0.10	26.243	0.206	1477.	3.8
109	110.0	6.668	33.453	6.17	0.09	26.245	0.210	1477.	3.3
111	111.9	6.729	33.468	6.12	0.10	26.248	0.213	1478.	2.6
113	114.1	6.768	33.481	6.09	0.09	26.254	0.217	1478.	2.2
115	116.1	6.782	33.485	6.07	0.09	26.255	0.220	1478.	2.1
117	117.8	6.795	33.489	6.03	0.09	26.256	0.223	1478.	2.3
119	119.9	6.824	33.498	5.99	0.10	26.259	0.227	1478.	2.5
121	122.1	6.866	33.508	5.97	0.10	26.262	0.231	1478.	2.7
123	124.3	6.915	33.524	5.95	0.09	26.268	0.235	1479.	2.9
125	125.9	7.008	33.552	5.91	0.10	26.277	0.238	1479.	3.3
127	128.0	7.061	33.568	5.89	0.10	26.283	0.241	1479.	3.7
129	130.2	7.092	33.583	5.89	0.10	26.290	0.245	1479.	4.0
131	131.8	7.122	33.595	5.87	0.11	26.296	0.248	1480.	4.2
133	133.9	7.262	33.644	5.81	0.12	26.314	0.252	1480.	4.2
135	136.0	7.329	33.679	5.79	0.12	26.333	0.255	1481.	4.1
137	138.1	7.375	33.702	5.79	0.13	26.345	0.259	1481.	4.0
139	140.0	7.409	33.717	5.78	0.13	26.352	0.262	1481.	3.8
141	142.1	7.430	33.732	5.77	0.13	26.360	0.266	1481.	3.7
143	144.1	7.424	33.731	5.77	0.13	26.361	0.269	1481.	3.7
145	145.8	7.426	33.736	5.76	0.14	26.364	0.272	1481.	3.8
147	148.0	7.502	33.772	5.62	0.14	26.382	0.275	1481.	3.9
149	149.9	7.550	33.799	5.34	0.15	26.396	0.279	1482.	4.1
151	152.1	7.586	33.818	5.31	0.15	26.406	0.282	1482.	4.3
153	153.9	7.621	33.838	5.28	0.15	26.417	0.285	1482.	4.3
155	156.0	7.649	33.854	5.25	0.14	26.425	0.288	1482.	4.1
157	158.0	7.686	33.880	5.21	0.14	26.440	0.292	1482.	4.0
159	160.0	7.670	33.895	5.19	0.15	26.455	0.295	1482.	4.0
161	162.0	7.587	33.890	5.21	0.17	26.462	0.298	1482.	4.0
163	164.3	7.565	33.893	5.19	0.18	26.468	0.302	1482.	3.9
165	165.9	7.553	33.893	5.16	0.20	26.470	0.304	1482.	3.8
167	168.0	7.439	33.899	5.16	0.25	26.491	0.307	1482.	3.7
168	169.3	7.403	33.904	5.16	0.27	26.499	0.310	1482.	3.9
169	170.1	7.408	33.897	5.16	0.27	26.493	0.311	1482.	3.9
170	171.0	7.416	33.902	5.15	0.27	26.496	0.312	1482.	3.8
171	172.1	7.442	33.917	5.14	0.28	26.505	0.314	1482.	3.4
171	172.7	7.445	33.927	5.12	0.30	26.512	0.315	1482.	3.4
173	174.0	7.442	33.925	5.09	0.35	26.511	0.317	1482.	3.4
173	174.9	7.452	33.934	5.08	0.36	26.516	0.318	1482.	3.2
175	176.1	7.454	33.938	5.08	0.35	26.519	0.320	1482.	3.2
175	176.8	7.452	33.942	5.07	0.37	26.523	0.321	1482.	3.2
177	178.3	7.455	33.941	5.07	0.34	26.521	0.323	1482.	3.2
177	178.9	7.452	33.945	5.07	0.39	26.525	0.324	1482.	3.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	66	12 FEB 1987	0854	43°00.2'N	68°41.1'W	188

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.5	4.644	32.687	7.36	0.09	25.881	0.000	1466.	-0.3
4	3.8	4.645	32.688	7.37	0.09	25.881	0.003	1466.	-0.3
6	6.0	4.644	32.687	7.37	0.09	25.881	0.007	1466.	-0.3
8	7.9	4.642	32.687	7.37	0.09	25.881	0.011	1466.	-0.3
10	9.9	4.642	32.687	7.37	0.09	25.881	0.016	1466.	-0.3
12	11.9	4.642	32.687	7.38	0.09	25.881	0.020	1467.	-0.2
14	14.1	4.643	32.687	7.40	0.09	25.881	0.024	1467.	-0.2
16	16.0	4.643	32.687	7.39	0.09	25.881	0.028	1467.	-0.2
18	18.0	4.644	32.687	7.38	0.09	25.881	0.033	1467.	-0.1
20	20.0	4.644	32.687	7.38	0.09	25.881	0.037	1467.	0.2
22	22.0	4.645	32.687	7.38	0.09	25.881	0.041	1467.	0.2
24	24.0	4.645	32.687	7.38	0.09	25.880	0.045	1467.	0.3
26	25.9	4.647	32.687	7.38	0.09	25.881	0.049	1467.	0.4
28	27.9	4.651	32.689	7.37	0.09	25.881	0.054	1467.	0.5
30	30.0	4.653	32.688	7.38	0.09	25.881	0.058	1467.	0.5
32	32.1	4.658	32.689	7.39	0.09	25.881	0.062	1467.	0.6
33	33.7	4.660	32.691	7.38	0.09	25.882	0.066	1467.	0.6
36	36.0	4.661	32.691	7.38	0.09	25.882	0.071	1467.	0.5
38	38.1	4.661	32.691	7.39	0.09	25.882	0.075	1467.	0.6
40	40.0	4.656	32.691	7.39	0.09	25.882	0.079	1467.	0.5
42	41.9	4.655	32.690	7.39	0.09	25.882	0.083	1467.	0.5
44	44.1	4.654	32.690	7.39	0.09	25.882	0.088	1467.	0.6
46	46.0	4.655	32.691	7.38	0.09	25.883	0.092	1467.	0.7
48	47.9	4.655	32.691	7.38	0.09	25.883	0.096	1467.	0.7
50	50.0	4.656	32.692	7.38	0.09	25.883	0.100	1467.	0.7
52	52.0	4.658	32.692	7.37	0.09	25.883	0.105	1467.	0.7
53	53.9	4.667	32.695	7.36	0.09	25.884	0.108	1467.	1.1
56	56.0	4.672	32.696	7.37	0.09	25.884	0.113	1467.	1.6
58	58.1	4.676	32.695	7.38	0.09	25.883	0.117	1467.	1.9
60	60.1	4.690	32.699	7.37	0.09	25.885	0.121	1468.	2.2
61	62.0	4.727	32.713	7.34	0.09	25.892	0.126	1468.	2.4
64	64.0	4.768	32.728	7.33	0.09	25.900	0.130	1468.	2.8
65	66.0	4.796	32.734	7.33	0.09	25.902	0.134	1468.	2.9
68	68.1	4.818	32.743	7.34	0.09	25.906	0.138	1468.	2.9
69	69.9	4.851	32.755	7.34	0.09	25.912	0.142	1468.	2.9
71	71.9	4.886	32.772	7.32	0.09	25.922	0.146	1469.	2.8
73	74.0	4.911	32.778	7.31	0.09	25.924	0.151	1469.	3.1
75	76.0	4.928	32.787	7.33	0.09	25.929	0.155	1469.	3.2
77	78.1	4.998	32.803	7.31	0.09	25.934	0.159	1469.	3.3
79	79.9	5.026	32.812	7.30	0.09	25.938	0.163	1469.	3.4
81	82.0	5.092	32.842	7.27	0.09	25.955	0.167	1470.	3.6
83	84.1	5.221	32.873	7.22	0.09	25.965	0.171	1470.	3.6
85	86.2	5.290	32.892	7.20	0.09	25.972	0.176	1471.	3.6
87	87.9	5.328	32.904	7.18	0.09	25.977	0.179	1471.	3.5
89	89.9	5.390	32.922	7.15	0.09	25.984	0.183	1471.	3.5
91	92.0	5.426	32.935	7.14	0.09	25.990	0.188	1471.	3.6
93	94.1	5.505	32.961	7.11	0.09	26.002	0.192	1472.	3.6
95	96.1	5.566	32.980	7.10	0.09	26.009	0.196	1472.	3.6
97	97.9	5.629	33.006	7.07	0.09	26.023	0.199	1472.	3.5
99	100.0	5.655	33.020	7.07	0.09	26.030	0.203	1472.	3.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	66	12 FEB 1987	0854	43°00.2'N	68°41.1'W	188

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.1	5.677	33.029	6.82	0.09	26.035	0.208	1473.	3.1
103	104.0	5.687	33.034	6.67	0.09	26.037	0.211	1473.	3.1
105	105.9	5.708	33.044	6.66	0.08	26.043	0.215	1473.	3.2
107	108.0	5.720	33.050	6.66	0.08	26.046	0.219	1473.	3.4
109	110.1	5.777	33.068	6.65	0.08	26.053	0.223	1473.	3.7
111	112.1	5.881	33.107	6.63	0.08	26.072	0.227	1474.	3.9
113	113.9	5.917	33.122	6.62	0.08	26.079	0.231	1474.	3.9
115	116.0	5.956	33.139	6.62	0.08	26.087	0.235	1474.	3.9
117	118.0	6.043	33.173	6.59	0.09	26.104	0.239	1475.	3.6
119	120.2	6.074	33.187	6.59	0.09	26.111	0.243	1475.	3.3
121	121.8	6.085	33.191	6.59	0.09	26.113	0.246	1475.	3.0
123	123.9	6.102	33.200	6.58	0.10	26.118	0.250	1475.	2.6
125	126.0	6.117	33.206	6.58	0.09	26.121	0.254	1475.	2.1
127	128.2	6.129	33.213	6.56	0.09	26.125	0.258	1475.	2.1
129	129.9	6.131	33.214	6.53	0.09	26.126	0.261	1475.	2.3
131	132.1	6.145	33.217	6.51	0.08	26.126	0.265	1475.	2.8
133	134.2	6.155	33.220	6.51	0.08	26.127	0.269	1475.	3.1
135	136.0	6.182	33.237	6.46	0.07	26.137	0.273	1475.	3.4
137	138.0	6.260	33.261	6.37	0.07	26.146	0.276	1476.	3.7
139	140.0	6.344	33.300	6.31	0.07	26.166	0.280	1476.	4.0
141	142.1	6.410	33.318	6.25	0.07	26.172	0.284	1477.	4.7
143	144.0	6.468	33.334	6.16	0.08	26.177	0.288	1477.	5.3
145	146.0	6.623	33.378	5.75	0.09	26.192	0.291	1478.	5.8
147	148.1	6.749	33.417	5.63	0.10	26.206	0.295	1478.	6.0
149	149.9	7.152	33.556	5.49	0.14	26.260	0.298	1480.	6.1
151	152.0	7.342	33.635	5.42	0.18	26.297	0.302	1481.	6.0
153	154.1	7.437	33.683	5.38	0.20	26.321	0.306	1481.	5.6
155	155.9	7.456	33.693	5.36	0.20	26.326	0.309	1481.	4.9
157	157.9	7.491	33.711	5.34	0.22	26.335	0.312	1482.	4.0
159	160.0	7.522	33.727	5.32	0.23	26.343	0.316	1482.	3.3
161	162.1	7.529	33.732	5.31	0.24	26.347	0.319	1482.	2.8
163	164.1	7.541	33.739	5.29	0.28	26.350	0.323	1482.	2.5
165	165.9	7.550	33.752	5.28	0.32	26.359	0.326	1482.	2.2
167	168.0	7.550	33.752	5.27	0.33	26.359	0.329	1482.	1.8
169	170.1	7.550	33.752	5.26	0.33	26.359	0.333	1482.	1.6
171	172.1	7.550	33.752	5.25	0.32	26.359	0.336	1482.	1.2
172	173.9	7.551	33.753	5.23	0.32	26.360	0.339	1482.	0.3
174	175.2	7.551	33.753	5.23	0.33	26.359	0.341	1482.	0.3
175	176.0	7.550	33.752	5.22	0.33	26.359	0.343	1482.	-0.3
175	177.0	7.550	33.752	5.21	0.33	26.359	0.344	1482.	-0.5
177	178.0	7.549	33.752	5.20	0.33	26.359	0.346	1482.	-0.5
178	179.0	7.548	33.752	5.20	0.34	26.359	0.348	1482.	-0.4
178	180.0	7.548	33.751	5.19	0.33	26.359	0.349	1482.	-0.3
180	181.0	7.547	33.751	5.18	0.32	26.359	0.351	1482.	-0.3
181	182.0	7.548	33.751	5.17	0.32	26.359	0.353	1482.	-0.3
181	182.9	7.548	33.751	5.15	0.31	26.359	0.354	1482.	-0.3
182	184.0	7.548	33.752	5.15	0.32	26.359	0.356	1482.	-0.3
183	184.7	7.548	33.751	5.15	0.32	26.359	0.357	1482.	-0.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	67	12 FEB 1987	1019	43°05.9'N	68°29.9'W	205

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.5	4.095	32.421	7.65	0.10	25.726	0.000	1464.	-0.3
4	4.1	4.096	32.422	7.65	0.10	25.726	0.004	1464.	-0.3
6	5.8	4.098	32.423	7.66	0.10	25.727	0.007	1464.	-0.3
8	8.1	4.099	32.421	7.66	0.10	25.726	0.013	1464.	-0.3
10	9.9	4.098	32.422	7.67	0.10	25.726	0.017	1464.	-0.3
12	11.9	4.098	32.421	7.66	0.10	25.726	0.021	1464.	-0.4
14	14.2	4.098	32.421	7.67	0.10	25.726	0.027	1464.	-0.4
16	15.9	4.098	32.421	7.67	0.10	25.725	0.030	1464.	0.6
18	18.3	4.098	32.422	7.67	0.11	25.726	0.036	1464.	1.0
20	19.8	4.098	32.421	7.66	0.11	25.726	0.039	1464.	1.4
22	22.1	4.097	32.421	7.65	0.11	25.726	0.044	1464.	1.7
24	23.8	4.113	32.427	7.65	0.10	25.729	0.048	1464.	1.9
26	25.9	4.137	32.436	7.63	0.10	25.733	0.053	1464.	1.9
28	28.1	4.164	32.444	7.62	0.10	25.737	0.058	1464.	1.9
30	30.0	4.177	32.449	7.62	0.10	25.740	0.062	1465.	1.9
32	31.9	4.184	32.450	7.62	0.10	25.740	0.066	1465.	2.2
34	34.0	4.183	32.451	7.61	0.10	25.741	0.071	1465.	2.4
36	36.2	4.193	32.454	7.60	0.10	25.742	0.076	1465.	2.8
38	37.9	4.210	32.459	7.60	0.10	25.745	0.080	1465.	3.3
40	40.0	4.303	32.495	7.55	0.10	25.763	0.084	1465.	3.7
42	42.0	4.330	32.499	7.55	0.10	25.764	0.089	1465.	4.3
44	44.1	4.410	32.528	7.51	0.10	25.779	0.094	1466.	4.8
46	45.9	4.517	32.568	7.46	0.09	25.800	0.098	1466.	4.9
48	48.0	4.608	32.590	7.41	0.09	25.808	0.102	1467.	4.9
50	50.1	4.767	32.654	7.35	0.09	25.841	0.107	1468.	4.8
51	51.9	4.869	32.686	7.30	0.09	25.856	0.111	1468.	4.5
54	54.0	4.921	32.701	7.27	0.08	25.862	0.115	1468.	4.1
55	55.8	4.967	32.718	7.25	0.08	25.870	0.119	1469.	3.8
58	58.1	4.994	32.728	7.23	0.08	25.875	0.124	1469.	3.5
59	59.8	5.021	32.739	7.22	0.08	25.881	0.127	1469.	3.5
62	62.1	5.062	32.750	7.20	0.09	25.885	0.132	1469.	3.5
63	63.9	5.099	32.766	7.18	0.09	25.894	0.136	1469.	3.3
66	66.0	5.235	32.812	7.12	0.09	25.915	0.141	1470.	3.2
68	68.1	5.255	32.819	7.12	0.09	25.918	0.145	1470.	3.3
69	70.0	5.264	32.823	7.11	0.09	25.920	0.149	1470.	3.3
72	72.2	5.254	32.821	7.11	0.09	25.920	0.153	1470.	3.1
73	73.9	5.235	32.820	7.12	0.08	25.921	0.157	1470.	2.9
76	76.2	5.381	32.869	7.06	0.08	25.943	0.162	1471.	3.0
77	77.8	5.455	32.882	7.04	0.08	25.945	0.165	1471.	2.9
79	80.0	5.498	32.894	7.00	0.08	25.949	0.170	1471.	2.7
81	82.0	5.543	32.906	6.97	0.08	25.953	0.174	1472.	2.3
83	83.9	5.573	32.912	6.94	0.08	25.955	0.177	1472.	1.7
85	86.0	5.595	32.918	6.90	0.08	25.956	0.182	1472.	1.5
87	87.9	5.607	32.919	6.88	0.08	25.956	0.186	1472.	1.3
89	90.1	5.602	32.919	6.86	0.08	25.956	0.190	1472.	1.1
91	92.0	5.600	32.920	6.86	0.08	25.958	0.194	1472.	1.0
93	93.9	5.606	32.923	6.85	0.08	25.959	0.198	1472.	1.1
95	96.1	5.596	32.921	6.85	0.08	25.959	0.203	1472.	1.1
97	97.9	5.574	32.918	6.68	0.08	25.959	0.206	1472.	1.1
100	100.3	5.565	32.919	6.61	0.08	25.961	0.211	1472.	1.1

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	67	12 FEB 1987	1019	43°05.9'N	68°29.9'W	205

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	101.9	5.585	32.925	6.51	0.08	25.963	0.214	1472.	1.1
103	104.0	5.572	32.920	6.46	0.07	25.961	0.219	1472.	1.5
105	105.8	5.560	32.921	6.47	0.08	25.963	0.222	1472.	1.6
107	108.0	5.568	32.923	6.48	0.07	25.964	0.227	1472.	1.7
109	110.1	5.584	32.927	6.49	0.07	25.965	0.231	1472.	2.0
111	112.0	5.658	32.948	6.46	0.08	25.973	0.235	1473.	2.2
113	114.0	5.684	32.950	6.47	0.08	25.972	0.239	1473.	2.4
115	115.9	5.715	32.961	6.48	0.08	25.976	0.243	1473.	2.5
117	118.1	5.846	32.993	6.45	0.08	25.986	0.247	1474.	2.5
119	119.8	5.885	32.998	6.44	0.08	25.985	0.251	1474.	2.5
121	122.0	5.940	33.014	6.42	0.08	25.991	0.255	1474.	3.0
123	123.9	5.960	33.020	6.40	0.08	25.994	0.259	1474.	3.3
125	126.0	5.985	33.030	6.38	0.08	25.998	0.263	1474.	3.5
127	128.2	6.031	33.047	6.36	0.08	26.006	0.268	1474.	3.7
129	130.0	6.190	33.105	6.29	0.09	26.032	0.271	1475.	3.6
131	132.3	6.277	33.126	6.25	0.09	26.038	0.276	1476.	3.8
133	133.9	6.316	33.140	6.21	0.09	26.044	0.279	1476.	4.1
135	136.0	6.364	33.153	6.17	0.09	26.047	0.283	1476.	4.2
137	138.1	6.371	33.154	6.16	0.09	26.047	0.287	1476.	4.4
139	139.9	6.514	33.211	6.10	0.09	26.074	0.291	1477.	5.2
141	142.2	6.699	33.271	6.03	0.11	26.097	0.295	1478.	5.8
143	143.9	6.799	33.301	5.97	0.12	26.108	0.299	1478.	6.0
145	146.1	6.983	33.362	5.90	0.16	26.131	0.303	1479.	6.1
147	148.0	7.378	33.510	5.75	0.30	26.193	0.306	1481.	5.6
149	149.9	7.594	33.570	5.65	0.35	26.210	0.310	1482.	5.1
151	152.2	7.609	33.578	5.58	0.35	26.214	0.314	1482.	4.5
152	153.8	7.615	33.585	5.53	0.36	26.219	0.317	1482.	3.4
155	156.2	7.614	33.586	5.52	0.36	26.220	0.321	1482.	2.0
157	157.9	7.613	33.586	5.51	0.36	26.219	0.324	1482.	1.4
159	159.9	7.614	33.586	5.51	0.36	26.220	0.328	1482.	1.2
161	162.0	7.616	33.586	5.52	0.36	26.219	0.332	1482.	1.6
163	164.1	7.621	33.592	5.52	0.37	26.224	0.336	1482.	2.0
165	165.9	7.620	33.590	5.51	0.36	26.222	0.339	1482.	2.3
167	168.0	7.616	33.592	5.50	0.36	26.224	0.342	1482.	2.5
169	169.9	7.617	33.609	5.50	0.36	26.237	0.346	1482.	2.7
171	172.1	7.620	33.614	5.48	0.35	26.241	0.350	1482.	2.8
173	174.1	7.620	33.621	5.47	0.35	26.247	0.353	1482.	3.0
174	175.7	7.621	33.623	5.45	0.36	26.247	0.356	1482.	3.2
177	178.3	7.626	33.631	5.43	0.36	26.253	0.361	1482.	3.9
178	179.8	7.636	33.644	5.41	0.38	26.262	0.364	1482.	4.6
181	182.1	7.650	33.660	5.36	0.40	26.272	0.368	1482.	5.0
182	184.0	7.663	33.680	5.04	0.44	26.286	0.371	1483.	5.2
185	186.1	7.709	33.751	5.03	0.53	26.336	0.375	1483.	5.4
186	188.0	7.721	33.772	5.00	0.60	26.350	0.378	1483.	5.3
188	189.9	7.727	33.781	4.98	0.63	26.357	0.381	1483.	5.0
190	191.3	7.731	33.789	4.97	0.65	26.363	0.383	1483.	4.4
190	192.0	7.731	33.791	4.98	0.65	26.364	0.385	1483.	3.1
191	193.0	7.731	33.792	4.99	0.64	26.365	0.386	1483.	2.5
192	193.9	7.731	33.796	5.01	0.63	26.368	0.388	1483.	2.0
193	195.1	7.730	33.796	5.03	0.62	26.368	0.390	1483.	1.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	67	12 FEB 1987	1019	43°05.9'N	68°29.9'W	205

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
194	196.0	7.730	33.796	5.04	0.62	26.368	0.391	1483.	1.8
195	197.1	7.730	33.796	5.05	0.63	26.368	0.393	1483.	1.8
196	198.0	7.732	33.798	5.06	0.64	26.369	0.395	1483.	1.8
197	199.0	7.732	33.799	5.07	0.64	26.370	0.396	1483.	1.8
198	199.8	7.734	33.805	5.07	0.65	26.375	0.398	1483.	1.8

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	68	12 FEB 1987	1143	43°12.4'N	68°20.1'W	191

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.5	4.612	32.692	7.45	0.10	25.888	0.000	1466.	-0.8
4	3.9	4.613	32.691	7.47	0.10	25.887	0.003	1466.	-0.8
6	6.0	4.612	32.691	7.44	0.10	25.888	0.007	1466.	-0.8
8	8.0	4.612	32.691	7.44	0.10	25.887	0.012	1466.	-0.8
10	10.1	4.611	32.690	7.44	0.10	25.887	0.016	1466.	-0.8
12	11.9	4.603	32.687	7.44	0.10	25.885	0.020	1466.	-0.7
14	14.1	4.604	32.688	7.44	0.10	25.885	0.024	1466.	-0.6
16	16.0	4.602	32.687	7.45	0.10	25.885	0.028	1466.	0.8
18	18.0	4.603	32.687	7.46	0.10	25.885	0.033	1466.	1.3
20	20.0	4.604	32.688	7.45	0.10	25.885	0.037	1466.	1.6
22	22.0	4.609	32.689	7.46	0.10	25.886	0.041	1467.	1.7
24	23.9	4.633	32.701	7.45	0.10	25.893	0.045	1467.	2.0
26	26.1	4.667	32.711	7.44	0.10	25.897	0.050	1467.	2.4
28	27.8	4.665	32.710	7.44	0.10	25.897	0.053	1467.	2.6
30	30.0	4.653	32.708	7.43	0.10	25.896	0.058	1467.	2.8
32	32.0	4.696	32.726	7.42	0.10	25.906	0.062	1467.	2.8
34	34.0	4.762	32.752	7.39	0.09	25.919	0.066	1467.	2.8
36	36.1	4.790	32.757	7.37	0.09	25.921	0.071	1468.	2.7
37	37.8	4.813	32.768	7.36	0.09	25.927	0.074	1468.	2.5
40	40.3	4.837	32.773	7.32	0.09	25.928	0.079	1468.	1.9
42	41.9	4.841	32.774	7.32	0.09	25.929	0.083	1468.	1.3
44	44.0	4.848	32.776	7.31	0.09	25.929	0.087	1468.	0.9
46	45.9	4.853	32.778	7.30	0.09	25.930	0.091	1468.	1.3
48	48.2	4.846	32.775	7.30	0.09	25.929	0.096	1468.	1.5
49	49.9	4.839	32.772	7.29	0.09	25.927	0.099	1468.	1.7
52	52.2	4.843	32.773	7.30	0.09	25.928	0.104	1468.	2.0
53	53.9	4.916	32.803	7.28	0.09	25.943	0.107	1468.	2.2
56	56.1	4.942	32.805	7.27	0.09	25.942	0.112	1469.	2.3
57	57.9	4.947	32.807	7.26	0.09	25.943	0.116	1469.	2.3
60	60.2	4.988	32.820	7.26	0.08	25.949	0.120	1469.	2.1
61	61.9	5.009	32.824	7.25	0.08	25.949	0.124	1469.	1.6
63	64.0	5.029	32.829	7.24	0.08	25.951	0.128	1469.	1.6
66	66.1	5.053	32.837	7.23	0.08	25.955	0.133	1469.	1.4
67	68.0	5.066	32.837	7.20	0.08	25.954	0.136	1469.	1.1
70	70.3	5.068	32.837	7.20	0.08	25.954	0.141	1469.	1.0
71	71.9	5.069	32.837	7.22	0.08	25.953	0.144	1469.	0.9
74	74.2	5.078	32.840	7.22	0.08	25.954	0.149	1470.	1.1
75	75.8	5.090	32.843	7.18	0.08	25.956	0.152	1470.	1.4
77	78.1	5.100	32.845	7.13	0.08	25.956	0.157	1470.	2.0
79	79.9	5.110	32.848	7.10	0.08	25.957	0.161	1470.	3.7
81	82.0	5.137	32.857	7.06	0.08	25.961	0.165	1470.	5.5
83	84.1	5.179	32.866	7.02	0.08	25.963	0.169	1470.	6.4
85	86.2	5.264	32.899	6.96	0.08	25.980	0.174	1471.	6.9
87	87.8	5.769	33.077	6.74	0.07	26.062	0.177	1473.	7.1
89	90.0	6.641	33.328	6.39	0.08	26.149	0.181	1477.	7.1
91	92.1	7.001	33.389	6.05	0.08	26.150	0.185	1478.	6.8
93	93.9	7.076	33.404	5.75	0.08	26.152	0.188	1478.	6.1
95	96.1	7.186	33.455	5.67	0.08	26.177	0.192	1479.	4.9
97	97.8	7.316	33.487	5.59	0.08	26.184	0.195	1480.	4.0
99	100.2	7.425	33.529	5.54	0.08	26.201	0.200	1480.	4.0

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	68	12 FEB 1987	1143	43°12.4'N	68°20.1'W	191

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	101.8	7.464	33.543	5.53	0.08	26.207	0.203	1480.	3.8
103	104.0	7.495	33.559	5.52	0.08	26.215	0.207	1480.	3.7
105	105.8	7.534	33.573	5.50	0.08	26.221	0.210	1481.	3.8
107	108.1	7.573	33.591	5.49	0.08	26.229	0.214	1481.	3.9
109	110.1	7.606	33.602	5.48	0.09	26.234	0.218	1481.	4.0
111	111.9	7.687	33.641	5.45	0.09	26.252	0.221	1481.	4.1
113	114.0	7.750	33.672	5.40	0.10	26.268	0.225	1482.	4.3
115	116.0	7.802	33.699	5.36	0.11	26.282	0.228	1482.	4.5
117	118.1	7.812	33.708	5.33	0.11	26.287	0.232	1482.	4.4
119	119.9	7.832	33.720	5.31	0.12	26.293	0.235	1482.	4.2
121	122.0	7.879	33.757	5.28	0.17	26.316	0.239	1482.	4.0
123	123.7	7.917	33.782	5.08	0.22	26.330	0.241	1483.	3.9
125	126.0	7.943	33.794	4.90	0.26	26.335	0.245	1483.	3.9
127	127.9	7.949	33.798	4.90	0.28	26.338	0.249	1483.	3.7
129	130.0	7.953	33.811	4.90	0.32	26.347	0.252	1483.	3.5
131	132.1	7.946	33.821	4.90	0.32	26.356	0.256	1483.	3.5
133	134.0	7.938	33.830	4.91	0.32	26.365	0.259	1483.	3.7
135	136.2	7.929	33.841	4.91	0.32	26.374	0.263	1483.	3.8
137	138.0	7.923	33.851	4.92	0.32	26.383	0.265	1483.	3.9
139	140.0	7.911	33.856	4.92	0.31	26.389	0.269	1483.	3.9
141	142.1	7.884	33.871	4.93	0.31	26.405	0.272	1483.	4.0
143	143.9	7.880	33.880	4.95	0.31	26.412	0.275	1483.	4.2
145	146.0	7.877	33.891	4.95	0.32	26.422	0.279	1483.	4.4
147	148.2	7.858	33.901	4.95	0.35	26.432	0.282	1483.	4.4
149	149.8	7.840	33.920	4.94	0.36	26.449	0.285	1483.	4.4
151	152.3	7.829	33.942	4.94	0.37	26.469	0.289	1483.	4.5
153	153.9	7.831	33.951	4.93	0.37	26.475	0.291	1483.	4.4
155	156.1	7.833	33.961	4.92	0.39	26.482	0.295	1483.	4.1
157	157.8	7.845	33.987	4.91	0.45	26.501	0.297	1483.	4.0
159	160.1	7.857	34.002	4.90	0.48	26.511	0.301	1483.	4.1
161	161.9	7.859	34.003	4.89	0.49	26.512	0.304	1483.	4.3
163	164.1	7.868	34.010	4.88	0.50	26.516	0.307	1483.	4.3
165	166.0	7.895	34.043	4.87	0.52	26.538	0.310	1484.	4.2
167	168.0	7.923	34.082	4.85	0.55	26.564	0.313	1484.	4.1
169	169.9	7.934	34.093	4.83	0.59	26.571	0.316	1484.	3.9
171	172.2	7.939	34.098	4.80	0.61	26.575	0.319	1484.	3.5
172	173.8	7.944	34.103	4.81	0.63	26.578	0.322	1484.	2.8
174	175.8	7.949	34.110	4.81	0.64	26.583	0.324	1484.	2.1
176	177.9	7.951	34.113	4.81	0.66	26.584	0.328	1484.	1.9
178	179.9	7.952	34.113	4.81	0.66	26.585	0.331	1484.	1.6
180	181.3	7.952	34.114	4.82	0.64	26.585	0.333	1484.	1.4
181	182.1	7.953	34.114	4.82	0.64	26.585	0.334	1484.	1.0
181	183.0	7.953	34.114	4.83	0.65	26.585	0.335	1484.	0.9
183	184.1	7.953	34.114	4.84	0.66	26.585	0.337	1484.	0.9
183	184.9	7.953	34.115	4.84	0.66	26.586	0.338	1484.	0.9
184	186.0	7.954	34.116	4.83	0.67	26.587	0.339	1484.	0.9
185	186.6	7.954	34.116	4.85	0.69	26.587	0.340	1484.	0.9

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	69	12 FEB 1987	1312	43°18.5'N	68°10.3'W	206

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.8	3.740	32.289	7.14	0.12	25.655	0.000	1462.	-0.8
4	3.8	3.739	32.286	7.11	0.11	25.653	0.002	1462.	-0.8
6	6.0	3.737	32.286	7.11	0.11	25.653	0.007	1462.	-0.8
8	8.1	3.737	32.286	7.10	0.11	25.653	0.012	1462.	-0.8
10	10.1	3.740	32.285	7.13	0.11	25.652	0.017	1462.	-0.8
12	11.9	3.741	32.285	7.14	0.11	25.652	0.021	1462.	-0.6
14	13.9	3.742	32.285	7.14	0.11	25.652	0.026	1462.	0.5
16	15.7	3.742	32.284	7.16	0.12	25.651	0.030	1462.	0.9
18	17.9	3.742	32.284	7.17	0.11	25.651	0.035	1462.	1.2
20	19.9	3.742	32.284	7.16	0.11	25.651	0.040	1462.	1.3
22	22.2	3.755	32.292	7.17	0.11	25.656	0.045	1462.	1.3
24	24.0	3.758	32.294	7.19	0.11	25.657	0.049	1463.	1.4
26	25.9	3.763	32.297	7.20	0.11	25.659	0.054	1463.	1.6
28	28.3	3.760	32.294	7.20	0.11	25.658	0.059	1463.	2.3
30	29.9	3.761	32.296	7.19	0.11	25.658	0.063	1463.	2.8
32	32.1	3.769	32.300	7.17	0.11	25.661	0.068	1463.	3.5
34	33.9	3.787	32.311	7.14	0.11	25.668	0.072	1463.	4.1
36	36.1	3.865	32.350	7.10	0.11	25.692	0.077	1463.	4.6
38	38.2	3.917	32.369	7.11	0.11	25.702	0.082	1464.	4.8
40	39.9	3.992	32.402	7.11	0.11	25.721	0.086	1464.	4.8
42	42.0	4.124	32.449	7.08	0.11	25.745	0.091	1465.	4.6
44	44.0	4.183	32.465	7.08	0.10	25.752	0.095	1465.	4.2
46	46.0	4.259	32.491	7.05	0.10	25.765	0.100	1465.	3.9
48	48.2	4.299	32.502	7.02	0.10	25.770	0.105	1465.	3.5
49	49.8	4.310	32.504	7.01	0.10	25.770	0.108	1466.	3.2
52	52.1	4.365	32.522	6.99	0.10	25.779	0.113	1466.	3.2
54	54.0	4.418	32.537	6.96	0.10	25.785	0.118	1466.	3.3
55	55.9	4.483	32.557	6.94	0.10	25.794	0.122	1466.	3.6
58	58.2	4.529	32.571	6.93	0.10	25.801	0.127	1467.	3.8
60	60.0	4.562	32.581	6.91	0.10	25.805	0.131	1467.	3.9
62	62.0	4.636	32.611	6.88	0.10	25.822	0.135	1467.	4.0
63	64.0	4.723	32.643	6.85	0.10	25.837	0.139	1468.	4.1
65	65.9	4.753	32.654	6.83	0.10	25.842	0.143	1468.	4.1
67	68.0	4.811	32.678	6.81	0.09	25.856	0.148	1468.	4.2
70	70.2	4.860	32.698	6.78	0.09	25.866	0.153	1468.	4.8
71	71.9	4.897	32.714	6.76	0.09	25.875	0.156	1469.	5.3
74	74.1	4.942	32.732	6.73	0.09	25.884	0.161	1469.	6.1
75	76.1	5.036	32.771	6.67	0.08	25.904	0.165	1469.	7.1
77	78.0	5.462	32.911	6.50	0.08	25.967	0.169	1471.	7.8
79	80.0	5.748	32.982	6.38	0.08	25.989	0.173	1472.	8.0
81	81.9	6.122	33.108	6.21	0.08	26.043	0.177	1474.	8.0
83	84.1	6.881	33.346	5.92	0.09	26.132	0.181	1477.	7.5
85	85.7	7.128	33.409	5.78	0.09	26.148	0.184	1479.	6.8
88	88.2	7.303	33.465	5.67	0.08	26.168	0.189	1479.	6.1
89	89.9	7.335	33.475	5.61	0.07	26.171	0.192	1480.	5.0
91	92.0	7.365	33.495	5.61	0.08	26.183	0.196	1480.	3.8
93	94.3	7.426	33.520	5.59	0.09	26.194	0.200	1480.	3.7
95	95.9	7.450	33.532	5.58	0.09	26.200	0.203	1480.	3.6
97	98.1	7.485	33.544	5.57	0.09	26.205	0.207	1480.	3.6
99	99.9	7.504	33.550	5.54	0.09	26.207	0.210	1480.	3.5

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	69	12 FEB 1987	1312	43°18.5'N	68°10.3'W	206

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	7.574	33.588	5.50	0.08	26.227	0.214	1481.	3.5
103	104.3	7.601	33.601	5.46	0.08	26.233	0.218	1481.	3.8
105	106.2	7.619	33.610	5.44	0.08	26.238	0.222	1481.	4.0
107	107.7	7.645	33.624	5.30	0.08	26.245	0.224	1481.	4.1
109	110.0	7.686	33.645	5.39	0.08	26.255	0.228	1481.	4.1
111	112.2	7.768	33.689	5.31	0.09	26.279	0.232	1482.	4.1
113	114.0	7.802	33.708	4.99	0.09	26.289	0.235	1482.	4.1
115	115.8	7.813	33.717	4.97	0.09	26.294	0.238	1482.	3.9
117	118.1	7.842	33.739	4.97	0.09	26.307	0.242	1482.	3.7
119	120.0	7.858	33.748	4.97	0.09	26.311	0.246	1482.	3.3
121	121.9	7.871	33.756	4.97	0.09	26.316	0.249	1482.	3.2
123	124.2	7.895	33.774	4.98	0.09	26.327	0.253	1483.	3.1
125	126.0	7.905	33.780	4.98	0.09	26.330	0.256	1483.	3.1
127	128.0	7.913	33.783	5.00	0.11	26.331	0.259	1483.	3.0
129	130.2	7.950	33.803	5.00	0.19	26.341	0.263	1483.	3.0
131	131.8	7.971	33.816	4.98	0.25	26.349	0.266	1483.	3.0
133	133.8	7.977	33.823	4.96	0.29	26.353	0.269	1483.	3.1
135	136.2	7.907	33.815	4.97	0.31	26.357	0.273	1483.	3.1
137	138.1	7.816	33.809	5.00	0.32	26.365	0.276	1483.	3.1
139	140.1	7.789	33.811	5.00	0.32	26.371	0.280	1482.	3.0
141	142.0	7.794	33.819	5.00	0.32	26.377	0.283	1483.	3.1
143	144.1	7.807	33.827	4.99	0.33	26.381	0.286	1483.	3.0
145	146.3	7.843	33.845	4.98	0.34	26.390	0.290	1483.	2.9
147	147.8	7.863	33.854	4.97	0.33	26.394	0.293	1483.	3.0
149	150.0	7.881	33.863	4.96	0.32	26.399	0.296	1483.	3.2
151	152.0	7.881	33.866	4.95	0.31	26.401	0.299	1483.	3.3
153	154.0	7.849	33.868	4.97	0.27	26.407	0.303	1483.	3.3
155	156.0	7.769	33.872	4.99	0.33	26.422	0.306	1483.	3.4
157	158.0	7.777	33.883	4.99	0.34	26.429	0.309	1483.	3.4
159	160.1	7.793	33.894	4.99	0.33	26.436	0.313	1483.	3.3
161	162.1	7.791	33.901	4.98	0.36	26.442	0.316	1483.	3.0
162	163.8	7.795	33.908	4.98	0.37	26.446	0.318	1483.	2.6
165	166.1	7.807	33.918	4.97	0.37	26.453	0.322	1483.	2.3
167	168.0	7.812	33.920	4.96	0.36	26.454	0.325	1483.	2.2
168	169.8	7.820	33.922	4.95	0.34	26.454	0.328	1483.	2.2
171	172.0	7.822	33.925	4.94	0.34	26.456	0.332	1483.	2.5
172	173.7	7.827	33.928	4.95	0.34	26.458	0.334	1483.	2.8
175	176.2	7.840	33.940	4.94	0.33	26.466	0.338	1483.	3.3
176	177.6	7.845	33.948	4.93	0.33	26.471	0.341	1483.	3.9
179	180.3	7.860	33.968	4.91	0.34	26.484	0.345	1484.	4.6
180	181.9	7.869	33.983	4.90	0.36	26.495	0.347	1484.	4.9
183	184.1	7.887	34.006	4.89	0.37	26.510	0.351	1484.	5.1
184	186.0	7.911	34.045	4.87	0.46	26.537	0.354	1484.	5.2
186	187.9	7.937	34.088	4.85	0.58	26.567	0.356	1484.	5.2
189	190.3	7.949	34.105	4.82	0.67	26.579	0.360	1484.	4.9
190	191.2	7.950	34.106	4.81	0.69	26.579	0.361	1484.	4.5
190	192.1	7.951	34.109	4.81	0.75	26.582	0.363	1484.	3.5
191	193.1	7.951	34.110	4.81	0.77	26.583	0.364	1484.	2.1
192	194.0	7.951	34.111	4.80	0.77	26.583	0.365	1484.	1.2
193	194.8	7.951	34.110	4.80	0.76	26.583	0.367	1484.	0.9

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	69	12 FEB 1987	1312	43°18.5'N	68°10.3'W	206

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
194	196.1	7.952	34.110	4.80	0.78	26.582	0.368	1484.	0.4
195	196.8	7.952	34.110	4.80	0.79	26.583	0.370	1484.	-0.1
196	198.1	7.952	34.110	4.81	0.80	26.583	0.372	1484.	-0.1
197	198.9	7.952	34.110	4.81	0.80	26.583	0.373	1484.	-0.1
198	200.0	7.952	34.110	4.82	0.82	26.583	0.374	1484.	-0.1
199	200.6	7.952	34.110	4.83	0.83	26.583	0.375	1484.	-0.1

SHIP	CRUISE	STATION	DATE		EST	LATITUDE	LONGITUDE	DEPTH
OC	181	70	12 FEB	1987	1454	43°24.5'N	68°01.2'W	242

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.8	3.665	32.162	6.31	0.11	25.561	0.000	1462.	-0.3
4	4.0	3.670	32.164	6.32	0.11	25.562	0.003	1462.	-0.3
6	6.0	3.676	32.163	6.32	0.11	25.561	0.008	1462.	-0.3
8	8.2	3.677	32.163	6.34	0.11	25.561	0.013	1462.	-0.3
10	10.1	3.678	32.163	6.34	0.11	25.561	0.018	1462.	-0.3
12	11.9	3.678	32.163	6.35	0.11	25.560	0.022	1462.	0.0
14	13.9	3.678	32.163	6.35	0.11	25.561	0.027	1462.	0.6
16	16.2	3.678	32.163	6.37	0.11	25.561	0.032	1462.	0.7
18	17.8	3.678	32.164	6.36	0.11	25.561	0.036	1462.	0.7
20	20.1	3.679	32.164	6.37	0.11	25.562	0.042	1462.	0.8
22	22.1	3.681	32.166	6.38	0.11	25.563	0.047	1462.	0.8
24	24.0	3.681	32.166	6.38	0.11	25.563	0.051	1462.	0.8
26	25.9	3.681	32.166	6.39	0.11	25.562	0.056	1462.	0.7
28	27.7	3.681	32.166	6.39	0.11	25.563	0.060	1462.	0.6
30	30.0	3.683	32.167	6.40	0.11	25.564	0.066	1462.	0.6
32	32.0	3.683	32.168	6.41	0.11	25.564	0.070	1462.	0.6
34	34.0	3.684	32.168	6.41	0.11	25.564	0.075	1462.	0.7
36	36.1	3.683	32.167	6.42	0.11	25.563	0.080	1462.	0.8
38	37.8	3.684	32.168	6.41	0.11	25.564	0.085	1462.	1.1
40	40.0	3.685	32.169	6.42	0.11	25.565	0.090	1462.	1.2
42	41.9	3.686	32.170	6.42	0.11	25.565	0.094	1462.	1.4
44	44.0	3.690	32.173	6.43	0.11	25.568	0.099	1462.	1.5
46	46.1	3.696	32.178	6.43	0.11	25.571	0.105	1462.	1.5
47	47.9	3.697	32.178	6.43	0.11	25.571	0.109	1462.	1.5
49	49.9	3.699	32.179	6.43	0.11	25.572	0.114	1463.	1.5
52	52.2	3.705	32.182	6.44	0.11	25.573	0.119	1463.	1.4
53	53.8	3.709	32.185	6.43	0.11	25.575	0.123	1463.	1.4
56	56.0	3.716	32.188	6.43	0.11	25.577	0.128	1463.	1.2
58	58.0	3.721	32.190	6.43	0.11	25.578	0.133	1463.	1.4
60	60.0	3.724	32.191	6.44	0.11	25.578	0.138	1463.	1.9
61	61.9	3.732	32.194	6.44	0.11	25.580	0.142	1463.	2.3
64	64.4	3.712	32.184	6.46	0.11	25.574	0.149	1463.	2.7
65	65.9	3.762	32.207	6.44	0.11	25.588	0.152	1463.	3.2
68	68.2	3.834	32.232	6.41	0.11	25.601	0.158	1463.	3.7
69	69.9	3.849	32.236	6.40	0.11	25.603	0.162	1464.	4.0
72	72.1	3.917	32.263	6.38	0.11	25.617	0.167	1464.	4.2
73	74.0	3.980	32.287	6.35	0.10	25.630	0.171	1464.	4.0
75	76.0	4.059	32.316	6.33	0.10	25.646	0.176	1465.	4.1
78	78.2	4.102	32.332	6.32	0.10	25.654	0.181	1465.	4.4
79	79.8	4.128	32.340	6.31	0.10	25.658	0.185	1465.	4.7
81	81.9	4.142	32.347	6.30	0.10	25.662	0.190	1465.	4.9
83	84.1	4.243	32.394	6.27	0.10	25.690	0.195	1466.	5.1
85	86.1	4.370	32.447	6.23	0.09	25.719	0.199	1466.	5.5
87	87.9	4.448	32.481	6.20	0.09	25.737	0.204	1467.	6.0
89	90.1	4.500	32.501	6.19	0.09	25.748	0.208	1467.	6.6
91	91.9	4.575	32.534	6.15	0.08	25.767	0.212	1467.	7.3
93	93.9	4.748	32.608	6.09	0.08	25.807	0.217	1468.	7.7
95	96.1	5.014	32.703	6.00	0.07	25.853	0.222	1469.	8.0
97	97.8	5.275	32.807	5.90	0.07	25.906	0.225	1471.	7.9
99	100.2	5.760	32.982	5.74	0.07	25.988	0.230	1473.	7.5

SHIP	CRUISE	STATION	DATE		EST	LATITUDE	LONGITUDE	DEPTH
OC	181	70	12 FEB	1987	1454	43°24.5'N	68°01.2'W	242

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	5.854	33.015	5.69	0.07	26.002	0.234	1473.	6.9
103	103.8	5.948	33.049	5.64	0.07	26.018	0.237	1474.	6.2
105	106.2	6.068	33.091	5.60	0.07	26.036	0.242	1474.	5.5
107	108.0	6.116	33.103	5.58	0.07	26.040	0.246	1475.	5.0
109	109.9	6.202	33.134	5.54	0.07	26.053	0.249	1475.	5.1
111	112.3	6.439	33.209	5.45	0.08	26.083	0.254	1476.	5.3
113	113.8	6.615	33.259	5.38	0.08	26.099	0.257	1477.	5.5
115	116.1	6.839	33.322	5.31	0.07	26.119	0.261	1478.	5.8
117	118.1	6.961	33.363	5.26	0.08	26.135	0.265	1478.	5.9
119	119.8	7.078	33.419	5.21	0.08	26.163	0.268	1479.	5.8
121	122.1	7.269	33.485	5.13	0.09	26.189	0.273	1480.	5.6
123	124.1	7.355	33.532	5.09	0.12	26.214	0.276	1480.	5.5
125	125.9	7.431	33.576	5.03	0.14	26.237	0.279	1481.	5.2
127	127.9	7.476	33.587	4.99	0.14	26.240	0.283	1481.	4.9
129	129.8	7.517	33.607	4.97	0.15	26.250	0.287	1481.	4.6
131	132.1	7.609	33.649	4.94	0.17	26.269	0.291	1481.	4.3
133	133.9	7.651	33.667	4.92	0.18	26.278	0.294	1482.	4.1
135	136.2	7.686	33.698	4.90	0.22	26.297	0.298	1482.	4.1
137	137.7	7.684	33.699	4.87	0.23	26.299	0.300	1482.	3.9
139	139.9	7.674	33.707	4.86	0.24	26.306	0.304	1482.	3.6
141	141.9	7.675	33.719	4.86	0.25	26.315	0.308	1482.	3.4
143	144.1	7.674	33.733	4.86	0.26	26.326	0.311	1482.	3.2
145	146.2	7.678	33.738	4.85	0.26	26.330	0.315	1482.	3.2
147	147.8	7.683	33.744	4.83	0.27	26.334	0.318	1482.	3.2
149	150.0	7.687	33.750	4.83	0.27	26.338	0.321	1482.	3.2
151	152.0	7.691	33.761	4.84	0.27	26.346	0.325	1482.	3.2
153	154.0	7.697	33.772	4.83	0.27	26.354	0.328	1482.	3.3
155	156.0	7.712	33.786	4.83	0.28	26.363	0.332	1482.	3.2
156	157.8	7.738	33.800	4.82	0.27	26.370	0.335	1483.	3.1
158	159.8	7.752	33.809	4.81	0.26	26.375	0.338	1483.	3.0
161	162.1	7.739	33.812	4.76	0.26	26.379	0.342	1483.	2.9
163	164.0	7.722	33.814	4.68	0.27	26.383	0.345	1483.	2.7
164	165.8	7.709	33.815	4.79	0.28	26.386	0.348	1483.	2.7
167	168.3	7.712	33.827	4.79	0.30	26.395	0.352	1483.	2.6
168	169.8	7.723	33.831	4.76	0.29	26.397	0.354	1483.	2.4
171	172.0	7.759	33.845	4.74	0.28	26.402	0.358	1483.	2.4
173	174.0	7.802	33.856	4.72	0.27	26.405	0.361	1483.	2.5
174	175.9	7.818	33.860	4.60	0.27	26.406	0.364	1483.	2.6
177	178.0	7.822	33.864	4.36	0.27	26.408	0.368	1483.	2.9
178	180.0	7.839	33.877	4.45	0.27	26.416	0.371	1483.	3.0
181	182.0	7.853	33.888	4.52	0.27	26.423	0.374	1484.	3.1
182	183.9	7.861	33.900	4.34	0.28	26.430	0.378	1484.	3.1
185	186.2	7.862	33.917	4.35	0.29	26.444	0.381	1484.	3.0
186	187.9	7.860	33.918	4.34	0.30	26.445	0.384	1484.	2.8
189	190.2	7.848	33.918	4.36	0.31	26.447	0.388	1484.	2.7
190	191.9	7.832	33.917	4.40	0.32	26.448	0.390	1484.	2.5
192	194.0	7.823	33.919	4.41	0.31	26.451	0.394	1484.	2.5
194	196.1	7.821	33.928	4.41	0.30	26.458	0.397	1484.	2.8
196	197.8	7.826	33.935	4.41	0.30	26.464	0.400	1484.	3.0
198	200.1	7.830	33.940	4.42	0.30	26.466	0.403	1484.	3.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	70	12 FEB 1987	1454	43°24.5'N	68°01.2'W	242

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	201.9	7.839	33.951	4.42	0.30	26.474	0.406	1484.	3.6
202	204.2	7.866	33.971	4.41	0.31	26.486	0.410	1484.	3.8
204	205.8	7.876	33.981	4.40	0.33	26.492	0.412	1484.	4.0
206	208.1	7.890	34.007	4.39	0.44	26.510	0.416	1484.	3.9
208	209.7	7.897	34.018	4.37	0.49	26.518	0.418	1484.	3.7
210	212.2	7.911	34.039	4.36	0.62	26.532	0.422	1484.	3.4
212	213.9	7.915	34.045	4.35	0.66	26.536	0.425	1484.	3.0
214	216.1	7.917	34.048	4.35	0.69	26.539	0.428	1485.	2.4
216	218.1	7.917	34.050	4.34	0.75	26.540	0.431	1485.	1.9
218	220.0	7.918	34.051	4.35	0.77	26.541	0.434	1485.	1.3
220	222.1	7.918	34.052	4.35	0.81	26.542	0.437	1485.	1.0
222	223.8	7.918	34.052	4.35	0.80	26.542	0.440	1485.	0.8
224	226.0	7.919	34.052	4.35	0.81	26.542	0.443	1485.	0.5
225	227.3	7.919	34.052	4.35	0.82	26.541	0.445	1485.	0.2
226	228.1	7.919	34.052	4.35	0.82	26.541	0.446	1485.	-0.3
227	228.9	7.919	34.052	4.35	0.80	26.541	0.448	1485.	-0.2
228	230.1	7.919	34.052	4.35	0.82	26.542	0.449	1485.	-0.2
229	231.0	7.919	34.052	4.36	0.82	26.541	0.451	1485.	-0.2
230	231.8	7.919	34.052	4.35	0.82	26.542	0.452	1485.	-0.2
231	233.0	7.920	34.052	4.36	0.84	26.541	0.454	1485.	-0.1
232	234.1	7.920	34.052	4.36	0.83	26.541	0.456	1485.	-0.1
233	235.0	7.920	34.052	4.36	0.83	26.541	0.457	1485.	-0.1
234	236.0	7.920	34.052	4.36	0.85	26.541	0.458	1485.	-0.1
235	236.9	7.920	34.052	4.36	0.88	26.541	0.460	1485.	-0.1

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	71	12 FEB 1987	1720	43°29.4'N	67°52.5'W	286

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.4	3.663	32.101	7.02	0.06	25.513	0.000	1462.	0.4
4	4.0	3.666	32.101	7.03	0.06	25.513	0.004	1462.	0.4
6	6.2	3.659	32.102	7.03	0.06	25.514	0.009	1462.	0.4
8	8.2	3.661	32.102	7.04	0.06	25.514	0.014	1462.	0.4
10	10.0	3.654	32.102	7.04	0.06	25.515	0.019	1462.	0.4
12	11.7	3.657	32.102	7.04	0.06	25.514	0.023	1462.	0.4
14	14.2	3.667	32.102	7.04	0.06	25.513	0.029	1462.	0.2
16	16.0	3.662	32.103	7.04	0.06	25.514	0.034	1462.	-0.1
18	17.7	3.657	32.102	7.03	0.06	25.514	0.038	1462.	-0.4
20	20.4	3.658	32.102	7.03	0.06	25.514	0.044	1462.	-0.4
22	22.0	3.656	32.102	7.03	0.06	25.514	0.048	1462.	-0.5
24	24.1	3.657	32.101	7.05	0.06	25.514	0.053	1462.	-0.7
26	26.0	3.659	32.101	7.04	0.06	25.513	0.058	1462.	-0.7
28	27.9	3.666	32.102	7.03	0.06	25.513	0.063	1462.	-0.6
30	30.0	3.673	32.101	7.03	0.06	25.512	0.068	1462.	-0.5
32	31.9	3.674	32.101	7.02	0.06	25.512	0.073	1462.	-0.4
34	34.2	3.678	32.103	7.02	0.06	25.512	0.078	1462.	0.3
36	35.8	3.681	32.103	7.01	0.06	25.513	0.082	1462.	0.4
38	38.2	3.679	32.103	7.01	0.06	25.512	0.088	1462.	0.6
40	40.0	3.677	32.102	6.99	0.06	25.512	0.092	1462.	0.6
42	42.1	3.682	32.105	7.02	0.06	25.514	0.098	1462.	0.6
44	43.9	3.688	32.104	7.00	0.06	25.513	0.102	1462.	0.6
46	46.1	3.691	32.106	7.00	0.05	25.514	0.108	1462.	0.7
48	47.9	3.698	32.107	7.00	0.05	25.515	0.112	1462.	0.7
50	50.1	3.694	32.106	7.01	0.05	25.514	0.117	1462.	0.7
52	52.2	3.694	32.107	7.00	0.06	25.514	0.123	1462.	0.6
54	54.0	3.713	32.109	7.07	0.05	25.515	0.127	1463.	0.9
55	55.8	3.716	32.110	7.05	0.05	25.515	0.131	1463.	1.4
57	57.9	3.726	32.112	7.06	0.05	25.516	0.137	1463.	1.4
60	60.1	3.745	32.113	7.06	0.05	25.515	0.142	1463.	2.6
61	61.8	3.789	32.126	7.04	0.06	25.521	0.146	1463.	4.4
64	64.1	3.837	32.139	7.03	0.05	25.527	0.152	1463.	5.7
66	66.0	3.943	32.144	6.99	0.05	25.520	0.157	1464.	6.6
67	67.9	4.355	32.255	6.84	0.05	25.568	0.161	1466.	7.3
69	70.0	4.979	32.450	6.58	0.04	25.657	0.166	1469.	7.8
71	71.9	5.362	32.553	6.45	0.03	25.695	0.170	1470.	8.1
74	74.1	5.534	32.608	6.36	0.03	25.719	0.175	1471.	8.4
75	76.0	5.899	32.723	6.22	0.03	25.766	0.180	1473.	8.1
77	77.9	6.094	32.793	5.90	0.03	25.797	0.184	1474.	7.6
79	80.1	6.342	32.889	5.64	0.03	25.842	0.189	1475.	7.3
81	82.0	6.597	33.013	5.56	0.04	25.907	0.193	1476.	6.8
83	84.1	6.718	33.057	5.51	0.05	25.926	0.197	1476.	6.1
85	85.9	6.742	33.068	5.48	0.05	25.932	0.201	1477.	5.4
87	87.9	6.766	33.083	5.45	0.05	25.940	0.205	1477.	4.6
89	90.2	6.804	33.099	5.42	0.05	25.948	0.210	1477.	4.0
91	92.0	6.828	33.109	5.39	0.05	25.953	0.213	1477.	4.2
93	93.8	6.882	33.136	5.34	0.05	25.967	0.217	1477.	4.4
95	96.1	6.926	33.160	5.30	0.05	25.980	0.222	1478.	4.6
97	98.2	7.013	33.201	5.27	0.06	26.000	0.226	1478.	4.6
99	100.1	7.054	33.230	5.26	0.06	26.017	0.230	1478.	4.5

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	71	12 FEB 1987	1720	43°29.4'N	67°52.5'W	286

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	101.9	7.095	33.252	5.25	0.06	26.030	0.233	1479.	4.4
103	103.9	7.113	33.264	5.25	0.06	26.036	0.237	1479.	4.2
105	106.0	7.136	33.277	5.25	0.06	26.043	0.242	1479.	4.0
107	107.9	7.186	33.303	5.23	0.07	26.057	0.245	1479.	3.9
109	110.1	7.218	33.323	5.22	0.06	26.068	0.250	1479.	3.8
111	111.6	7.249	33.336	5.21	0.06	26.074	0.253	1479.	3.8
113	114.0	7.281	33.350	5.20	0.06	26.081	0.257	1480.	3.7
115	115.9	7.334	33.378	5.18	0.06	26.095	0.261	1480.	4.1
117	118.1	7.355	33.388	5.16	0.06	26.101	0.265	1480.	4.6
119	119.8	7.391	33.404	5.14	0.06	26.108	0.268	1480.	5.0
121	122.1	7.425	33.421	5.12	0.06	26.116	0.273	1480.	5.5
123	123.8	7.561	33.501	5.06	0.06	26.160	0.276	1481.	5.6
125	126.1	7.660	33.557	5.03	0.05	26.190	0.280	1481.	5.6
127	128.0	7.711	33.581	5.01	0.06	26.202	0.284	1482.	5.3
129	129.8	7.771	33.626	4.99	0.05	26.228	0.287	1482.	5.0
131	132.1	7.783	33.634	4.97	0.05	26.233	0.291	1482.	4.6
133	133.8	7.805	33.645	4.96	0.06	26.238	0.294	1482.	4.4
135	136.0	7.827	33.655	4.95	0.06	26.243	0.298	1482.	4.4
137	138.0	7.884	33.693	4.92	0.06	26.265	0.302	1483.	4.7
139	139.9	7.928	33.726	4.90	0.06	26.284	0.305	1483.	5.1
141	142.0	7.944	33.741	4.87	0.05	26.293	0.309	1483.	5.4
143	144.1	7.956	33.757	4.85	0.06	26.305	0.312	1483.	5.5
145	145.7	7.989	33.814	4.83	0.06	26.345	0.315	1483.	5.4
147	148.2	8.007	33.848	4.82	0.06	26.368	0.319	1484.	5.4
149	150.1	8.016	33.866	4.82	0.06	26.381	0.322	1484.	5.2
151	152.1	8.023	33.881	4.80	0.06	26.392	0.326	1484.	4.8
153	154.0	8.031	33.902	4.79	0.06	26.407	0.329	1484.	4.2
155	156.0	8.036	33.920	4.78	0.06	26.421	0.332	1484.	3.8
157	158.1	8.039	33.931	4.77	0.07	26.429	0.335	1484.	3.6
159	159.9	8.040	33.935	4.77	0.07	26.432	0.338	1484.	3.5
161	162.1	8.040	33.939	4.78	0.07	26.435	0.342	1484.	3.3
163	164.0	8.041	33.943	4.79	0.07	26.438	0.345	1484.	3.3
165	166.0	8.042	33.961	4.81	0.07	26.452	0.348	1484.	3.3
167	168.0	8.043	33.975	4.82	0.08	26.463	0.351	1484.	3.4
169	170.0	8.044	33.982	4.83	0.08	26.468	0.354	1484.	3.5
171	172.1	8.045	33.987	4.83	0.09	26.472	0.358	1484.	3.4
172	173.9	8.048	33.998	4.84	0.09	26.480	0.361	1484.	3.3
175	176.0	8.052	34.011	4.84	0.10	26.489	0.364	1484.	3.3
177	178.0	8.057	34.021	4.83	0.11	26.497	0.367	1484.	3.8
179	180.1	8.059	34.026	4.48	0.11	26.501	0.370	1484.	4.2
180	181.9	8.065	34.035	4.46	0.12	26.507	0.373	1485.	4.6
182	184.0	8.075	34.054	4.44	0.13	26.520	0.376	1485.	4.8
184	186.0	8.089	34.095	4.43	0.18	26.550	0.379	1485.	4.8
186	188.0	8.095	34.117	4.42	0.24	26.567	0.382	1485.	4.7
188	189.8	8.101	34.144	4.40	0.28	26.587	0.385	1485.	4.4
191	192.3	8.101	34.155	4.37	0.31	26.596	0.389	1485.	3.9
192	193.9	8.101	34.157	4.34	0.32	26.597	0.391	1485.	3.1
195	196.2	8.100	34.162	4.32	0.33	26.601	0.394	1485.	2.5
196	198.0	8.100	34.165	4.32	0.35	26.603	0.397	1485.	2.0
198	199.9	8.100	34.164	4.32	0.35	26.603	0.400	1485.	1.8

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	71	12 FEB 1987	1720	43°29.4'N	67°52.5'W	286

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	201.8	8.099	34.166	4.32	0.37	26.605	0.403	1485.	1.7
202	204.1	8.098	34.171	4.31	0.40	26.609	0.406	1485.	1.6
204	206.1	8.097	34.173	4.31	0.43	26.610	0.409	1485.	1.6
206	207.8	8.097	34.173	4.31	0.41	26.610	0.411	1485.	1.6
208	210.0	8.096	34.175	4.30	0.42	26.612	0.415	1485.	1.4
210	211.9	8.095	34.178	4.30	0.44	26.614	0.417	1485.	1.3
212	214.1	8.094	34.178	4.30	0.45	26.615	0.420	1485.	1.3
214	215.9	8.093	34.179	4.31	0.46	26.615	0.423	1485.	1.2
216	218.0	8.092	34.179	4.31	0.45	26.616	0.426	1485.	1.2
218	220.0	8.093	34.180	4.31	0.45	26.616	0.429	1485.	1.2
220	221.7	8.092	34.182	4.31	0.46	26.618	0.431	1485.	1.2
222	224.1	8.091	34.183	4.31	0.46	26.619	0.435	1485.	1.2
224	225.8	8.089	34.184	4.31	0.48	26.620	0.437	1486.	1.2
226	228.0	8.088	34.185	4.32	0.50	26.621	0.441	1486.	1.1
228	230.0	8.087	34.186	4.31	0.50	26.622	0.443	1486.	1.1
230	232.0	8.086	34.186	4.31	0.51	26.622	0.446	1486.	1.2
232	234.0	8.085	34.186	4.31	0.50	26.622	0.449	1486.	1.2
234	236.1	8.083	34.186	4.30	0.52	26.623	0.452	1486.	1.3
236	237.9	8.083	34.188	4.30	0.53	26.624	0.455	1486.	1.4
238	239.9	8.084	34.192	4.31	0.55	26.627	0.458	1486.	1.4
240	242.0	8.084	34.193	4.30	0.56	26.628	0.461	1486.	1.4
242	243.9	8.085	34.195	4.31	0.58	26.629	0.464	1486.	1.3
244	245.9	8.086	34.196	4.31	0.59	26.630	0.466	1486.	1.1
246	248.2	8.086	34.196	4.31	0.60	26.630	0.470	1486.	0.9
248	249.9	8.085	34.197	4.31	0.61	26.631	0.472	1486.	0.8
250	251.9	8.084	34.197	4.31	0.61	26.631	0.475	1486.	0.7
252	253.9	8.083	34.197	4.30	0.61	26.631	0.478	1486.	0.8
254	256.1	8.083	34.197	4.30	0.62	26.631	0.481	1486.	0.9
256	258.2	8.082	34.197	4.31	0.61	26.631	0.484	1486.	0.9
258	259.9	8.080	34.197	4.31	0.64	26.632	0.487	1486.	1.0
260	261.9	8.077	34.199	4.31	0.71	26.633	0.490	1486.	1.1
262	264.1	8.076	34.199	4.31	0.70	26.634	0.493	1486.	1.2
264	266.0	8.076	34.200	4.30	0.77	26.634	0.495	1486.	1.2
266	268.0	8.075	34.201	4.30	0.80	26.636	0.498	1486.	1.2
267	269.2	8.075	34.203	4.31	0.83	26.637	0.500	1486.	1.1
268	270.1	8.075	34.202	4.31	0.83	26.636	0.501	1486.	1.1
269	271.0	8.075	34.203	4.31	0.84	26.637	0.503	1486.	0.9
270	272.1	8.074	34.203	4.30	0.85	26.637	0.504	1486.	0.7
271	273.0	8.075	34.203	4.30	0.88	26.637	0.505	1486.	0.6
272	274.0	8.075	34.203	4.29	0.87	26.637	0.507	1486.	0.6
273	275.1	8.075	34.203	4.30	0.85	26.637	0.508	1486.	0.3
274	276.0	8.075	34.203	4.30	0.86	26.637	0.510	1486.	0.3
275	277.0	8.074	34.204	4.30	0.85	26.638	0.511	1486.	0.3
276	277.9	8.075	34.203	4.31	0.87	26.637	0.513	1486.	0.3
277	278.9	8.075	34.203	4.30	0.87	26.637	0.514	1486.	0.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	72	12 FEB 1987	1918	43°24.8'N	67°42.3'W	252

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.6	3.238	31.896	7.19	0.08	25.387	0.000	1459.	-0.4
4	3.8	3.246	31.895	7.19	0.08	25.387	0.003	1459.	-0.4
6	5.9	3.244	31.896	7.20	0.08	25.387	0.009	1460.	-0.4
8	7.9	3.241	31.895	7.20	0.08	25.387	0.014	1460.	-0.4
10	10.0	3.243	31.896	7.20	0.08	25.387	0.019	1460.	-0.4
12	12.1	3.246	31.895	7.21	0.08	25.386	0.025	1460.	-0.4
14	13.9	3.247	31.896	7.20	0.08	25.387	0.029	1460.	-0.5
16	16.1	3.248	31.895	7.21	0.08	25.386	0.035	1460.	-0.5
18	18.0	3.250	31.895	7.20	0.08	25.386	0.040	1460.	-0.5
20	20.0	3.250	31.895	7.21	0.08	25.386	0.045	1460.	-0.4
22	22.0	3.249	31.895	7.20	0.08	25.386	0.050	1460.	-0.4
24	23.9	3.249	31.895	7.20	0.08	25.386	0.055	1460.	-0.2
26	26.1	3.249	31.894	7.19	0.08	25.385	0.061	1460.	0.1
28	27.8	3.249	31.895	7.21	0.08	25.386	0.065	1460.	0.2
30	30.0	3.249	31.895	7.20	0.08	25.386	0.071	1460.	0.2
32	31.9	3.250	31.895	7.19	0.08	25.386	0.076	1460.	0.2
34	34.0	3.248	31.895	7.19	0.08	25.386	0.081	1460.	0.2
36	36.2	3.248	31.894	7.18	0.08	25.386	0.087	1460.	-0.1
38	37.8	3.249	31.895	7.17	0.08	25.386	0.091	1460.	-0.3
40	40.0	3.251	31.895	7.18	0.08	25.385	0.097	1460.	-0.3
42	42.1	3.252	31.895	7.18	0.08	25.386	0.102	1460.	0.3
44	43.9	3.252	31.895	7.18	0.08	25.385	0.107	1460.	0.6
46	46.2	3.252	31.895	7.19	0.08	25.385	0.112	1460.	0.8
47	47.8	3.266	31.896	7.16	0.08	25.385	0.117	1460.	0.9
50	50.1	3.284	31.900	7.17	0.08	25.387	0.123	1460.	0.9
52	52.0	3.297	31.904	7.22	0.08	25.389	0.128	1461.	1.1
54	54.0	3.306	31.905	7.21	0.08	25.389	0.133	1461.	1.3
55	55.9	3.311	31.905	7.22	0.08	25.389	0.137	1461.	2.1
58	58.2	3.320	31.906	7.21	0.08	25.389	0.143	1461.	3.1
59	59.7	3.363	31.917	7.19	0.08	25.393	0.147	1461.	4.7
62	62.1	3.394	31.923	7.15	0.07	25.396	0.154	1461.	6.3
63	63.8	3.610	31.979	7.05	0.07	25.421	0.158	1462.	7.4
66	66.3	3.932	32.054	6.91	0.05	25.450	0.164	1464.	8.0
67	67.8	4.419	32.231	6.71	0.05	25.542	0.168	1466.	8.2
70	70.2	4.772	32.374	6.56	0.04	25.619	0.174	1468.	8.7
71	71.9	4.979	32.448	6.48	0.04	25.655	0.178	1469.	8.7
73	74.0	5.060	32.470	6.43	0.04	25.663	0.182	1469.	8.4
76	76.2	5.315	32.545	6.33	0.04	25.694	0.188	1470.	7.9
77	77.9	5.777	32.729	6.15	0.04	25.786	0.191	1472.	7.8
80	80.2	5.850	32.783	6.13	0.04	25.819	0.197	1473.	7.8
81	82.0	5.936	32.806	6.12	0.05	25.827	0.200	1473.	7.6
83	84.0	6.122	32.898	6.04	0.05	25.877	0.205	1474.	6.9
85	85.8	6.136	32.962	6.03	0.05	25.926	0.209	1474.	6.1
87	88.2	6.171	32.994	6.01	0.05	25.946	0.213	1474.	5.9
89	89.9	6.226	32.999	5.99	0.05	25.944	0.217	1475.	5.6
91	92.1	6.311	33.019	5.97	0.06	25.949	0.221	1475.	5.0
93	93.8	6.474	33.070	5.92	0.07	25.968	0.225	1476.	4.5
95	96.1	6.412	33.110	5.93	0.06	26.008	0.230	1476.	4.4
97	97.6	6.315	33.094	5.97	0.06	26.007	0.233	1475.	4.6
99	100.3	6.303	33.104	5.97	0.06	26.017	0.238	1475.	4.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	72	12 FEB 1987	1918	43°24.8'N	67°42.3'W	252

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.2	6.339	33.116	5.96	0.06	26.022	0.242	1475.	4.4
103	103.9	6.406	33.139	5.94	0.06	26.031	0.245	1476.	4.4
105	106.3	6.594	33.208	5.89	0.08	26.062	0.250	1477.	4.8
107	108.1	6.661	33.236	5.89	0.08	26.074	0.253	1477.	4.9
109	109.9	6.690	33.246	5.88	0.09	26.078	0.257	1477.	5.0
111	111.7	6.800	33.295	5.64	0.09	26.103	0.260	1478.	4.8
113	114.0	6.893	33.337	5.83	0.09	26.123	0.265	1478.	4.5
115	116.0	6.919	33.351	5.83	0.08	26.131	0.268	1478.	4.4
117	117.9	6.915	33.366	5.56	0.08	26.143	0.272	1478.	4.4
119	120.3	6.920	33.375	5.45	0.08	26.150	0.277	1478.	4.4
121	122.0	6.949	33.394	5.42	0.08	26.161	0.280	1478.	4.6
123	124.2	6.976	33.409	5.39	0.08	26.169	0.284	1479.	4.8
125	125.9	7.024	33.453	5.36	0.08	26.197	0.287	1479.	5.0
127	128.1	7.091	33.481	5.32	0.08	26.210	0.291	1479.	5.1
129	129.8	7.141	33.520	5.29	0.09	26.234	0.294	1479.	5.1
131	132.3	7.160	33.537	5.24	0.09	26.245	0.299	1480.	5.0
133	134.0	7.197	33.570	5.20	0.10	26.265	0.302	1480.	4.6
135	136.0	7.215	33.582	5.19	0.10	26.273	0.305	1480.	4.3
137	138.0	7.249	33.607	5.19	0.11	26.288	0.309	1480.	4.1
139	139.9	7.267	33.621	5.17	0.12	26.296	0.312	1480.	3.9
141	141.9	7.279	33.628	5.15	0.13	26.300	0.315	1480.	3.7
143	144.1	7.323	33.647	5.12	0.13	26.309	0.319	1481.	3.6
145	146.3	7.397	33.679	5.09	0.15	26.324	0.323	1481.	3.3
147	148.1	7.429	33.693	5.07	0.15	26.330	0.326	1481.	3.1
149	150.1	7.456	33.704	5.06	0.16	26.335	0.329	1481.	2.9
151	152.0	7.465	33.708	5.06	0.16	26.337	0.333	1481.	2.5
153	154.3	7.484	33.717	5.04	0.17	26.341	0.337	1481.	2.2
155	155.9	7.496	33.721	5.04	0.17	26.343	0.339	1482.	2.0
157	158.1	7.505	33.726	5.04	0.17	26.345	0.343	1482.	2.1
159	160.2	7.515	33.730	5.03	0.18	26.347	0.347	1482.	2.4
160	161.8	7.524	33.734	5.02	0.17	26.349	0.349	1482.	2.5
163	164.0	7.544	33.743	5.00	0.17	26.353	0.353	1482.	2.6
165	166.0	7.583	33.761	4.99	0.18	26.362	0.356	1482.	2.7
166	167.7	7.601	33.774	4.99	0.19	26.370	0.359	1482.	2.9
169	170.1	7.607	33.778	4.98	0.20	26.371	0.363	1482.	3.1
171	172.1	7.617	33.782	4.96	0.20	26.373	0.367	1482.	3.3
172	173.8	7.638	33.796	4.94	0.20	26.381	0.369	1482.	3.4
175	176.1	7.671	33.817	4.92	0.21	26.393	0.373	1483.	3.5
177	178.1	7.689	33.828	4.90	0.21	26.399	0.376	1483.	3.5
178	179.8	7.713	33.849	4.89	0.21	26.412	0.379	1483.	3.5
181	182.1	7.728	33.863	4.89	0.22	26.421	0.383	1483.	3.2
182	183.8	7.735	33.868	4.87	0.23	26.424	0.386	1483.	2.9
185	186.2	7.742	33.874	4.85	0.23	26.428	0.390	1483.	2.6
186	187.8	7.758	33.883	4.84	0.23	26.432	0.392	1483.	2.3
188	190.1	7.765	33.887	4.83	0.23	26.435	0.396	1483.	2.0
190	191.9	7.773	33.891	4.84	0.23	26.437	0.399	1483.	2.1
192	194.1	7.778	33.895	4.84	0.24	26.439	0.403	1483.	2.5
195	196.2	7.781	33.897	4.84	0.24	26.440	0.406	1483.	2.8
196	197.8	7.787	33.900	4.87	0.24	26.442	0.408	1484.	3.1
198	199.9	7.822	33.917	4.91	0.24	26.450	0.412	1484.	3.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	72	12 FEB 1987	1918	43°24.8'N	67°42.3'W	252

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	201.9	7.881	33.951	4.85	0.24	26.467	0.415	1484.	3.5
202	204.0	7.890	33.965	4.53	0.26	26.477	0.418	1484.	3.6
204	205.9	7.879	33.968	4.53	0.27	26.481	0.421	1484.	3.6
206	208.0	7.878	33.979	4.52	0.27	26.490	0.425	1484.	3.4
208	209.9	7.883	33.985	4.51	0.27	26.494	0.428	1484.	3.2
210	212.0	7.892	33.996	4.49	0.26	26.502	0.431	1484.	3.1
212	213.9	7.897	34.006	4.48	0.26	26.509	0.434	1484.	3.1
214	216.0	7.902	34.013	4.46	0.26	26.513	0.437	1484.	3.1
216	217.8	7.904	34.019	4.44	0.26	26.518	0.440	1484.	3.2
218	220.2	7.916	34.031	4.42	0.27	26.526	0.443	1485.	3.4
220	222.1	7.928	34.043	4.40	0.27	26.533	0.446	1485.	3.8
222	223.8	7.936	34.054	4.39	0.28	26.541	0.449	1485.	4.1
224	225.9	7.945	34.064	4.38	0.29	26.547	0.452	1485.	4.2
226	227.8	8.009	34.103	4.34	0.34	26.568	0.455	1485.	4.2
228	230.2	8.036	34.132	4.33	0.50	26.588	0.459	1485.	4.1
230	231.8	8.052	34.147	4.33	0.58	26.597	0.461	1485.	3.9
232	234.2	8.056	34.150	4.33	0.59	26.598	0.465	1485.	3.5
233	235.2	8.059	34.152	4.33	0.61	26.599	0.466	1486.	2.8
234	235.9	8.060	34.152	4.33	0.63	26.599	0.467	1486.	2.0
235	237.0	8.061	34.153	4.33	0.63	26.600	0.469	1486.	1.6
236	238.0	8.063	34.154	4.33	0.65	26.601	0.470	1486.	1.5
237	238.9	8.066	34.156	4.33	0.67	26.602	0.471	1486.	1.4
238	240.0	8.068	34.159	4.33	0.69	26.603	0.473	1486.	1.4
239	241.0	8.069	34.159	4.33	0.69	26.603	0.475	1486.	1.4
240	242.1	8.069	34.159	4.33	0.68	26.603	0.476	1486.	1.4
241	243.0	8.069	34.159	4.31	0.68	26.604	0.477	1486.	1.4
242	243.9	8.069	34.160	4.31	0.70	26.604	0.479	1486.	1.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	73	12 FEB 1987	2058	43°18.2'N	67°31.5'W	202

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.2	3.156	31.936	7.26	0.09	25.427	0.000	1459.	0.3
4	3.8	3.156	31.936	7.25	0.09	25.426	0.004	1459.	0.3
6	6.0	3.163	31.936	7.26	0.09	25.426	0.010	1459.	0.3
8	8.0	3.162	31.937	7.26	0.09	25.427	0.015	1459.	0.3
10	10.1	3.157	31.936	7.27	0.09	25.427	0.020	1459.	0.3
12	12.0	3.163	31.937	7.27	0.09	25.427	0.025	1459.	0.4
14	13.9	3.163	31.937	7.26	0.09	25.427	0.030	1459.	0.4
16	16.1	3.162	31.936	7.27	0.09	25.426	0.035	1459.	0.4
18	18.0	3.166	31.938	7.27	0.09	25.427	0.040	1459.	0.2
20	20.0	3.163	31.937	7.27	0.09	25.427	0.045	1459.	0.7
22	22.0	3.168	31.938	7.27	0.09	25.427	0.050	1460.	0.7
24	24.0	3.169	31.939	7.25	0.09	25.428	0.055	1460.	0.7
26	26.1	3.193	31.939	7.25	0.09	25.426	0.061	1460.	0.5
28	28.1	3.205	31.947	7.25	0.09	25.431	0.066	1460.	1.5
30	30.0	3.204	31.943	7.24	0.09	25.428	0.071	1460.	1.4
32	32.0	3.202	31.944	7.22	0.09	25.429	0.076	1460.	1.8
34	34.1	3.220	31.943	7.21	0.09	25.427	0.081	1460.	2.1
36	36.0	3.295	31.977	7.17	0.09	25.447	0.086	1460.	2.4
38	38.1	3.247	31.954	7.20	0.09	25.433	0.091	1460.	2.8
40	40.1	3.325	31.977	7.19	0.09	25.445	0.096	1461.	2.9
42	42.0	3.443	31.999	7.14	0.09	25.452	0.101	1461.	3.1
44	44.0	3.481	32.015	7.11	0.08	25.461	0.106	1461.	3.2
46	46.0	3.578	32.036	7.06	0.08	25.469	0.111	1462.	4.3
48	48.0	3.572	32.029	7.06	0.08	25.464	0.116	1462.	5.1
50	50.1	3.724	32.073	7.06	0.08	25.485	0.122	1463.	6.0
52	52.0	3.819	32.093	7.09	0.07	25.492	0.126	1463.	6.9
54	54.0	4.108	32.209	6.98	0.06	25.556	0.131	1464.	7.4
55	55.9	4.573	32.318	6.78	0.06	25.595	0.136	1466.	7.5
57	57.9	4.756	32.404	6.70	0.05	25.644	0.140	1467.	7.3
60	60.0	5.050	32.511	6.58	0.05	25.697	0.145	1469.	6.8
62	62.1	5.100	32.531	6.54	0.05	25.707	0.150	1469.	5.8
63	63.9	5.143	32.538	6.47	0.05	25.708	0.154	1469.	5.3
65	65.9	5.205	32.567	6.08	0.05	25.724	0.159	1470.	5.2
67	68.0	5.275	32.589	6.03	0.05	25.734	0.163	1470.	6.6
69	70.0	5.304	32.587	5.99	0.05	25.729	0.168	1470.	8.0
71	72.0	5.413	32.665	5.96	0.05	25.778	0.172	1471.	8.8
73	74.0	5.948	32.811	5.79	0.04	25.829	0.177	1473.	9.2
75	76.0	6.912	33.167	5.46	0.04	25.987	0.181	1477.	9.1
77	77.9	7.157	33.288	5.37	0.04	26.049	0.185	1478.	8.6
79	80.0	7.237	33.322	5.33	0.04	26.065	0.189	1479.	7.7
81	82.0	7.261	33.335	5.31	0.05	26.072	0.193	1479.	6.4
83	84.0	7.281	33.343	5.30	0.05	26.076	0.197	1479.	4.8
85	86.0	7.318	33.358	5.27	0.05	26.082	0.200	1479.	4.5
87	87.9	7.369	33.391	5.24	0.05	26.101	0.204	1480.	4.8
89	90.0	7.398	33.420	5.22	0.05	26.120	0.208	1480.	5.0
91	92.1	7.429	33.447	5.20	0.05	26.137	0.212	1480.	5.0
93	94.1	7.467	33.479	5.17	0.06	26.156	0.216	1480.	4.9
95	96.0	7.474	33.507	5.15	0.06	26.178	0.219	1480.	4.6
97	98.1	7.446	33.513	5.13	0.06	26.186	0.223	1480.	4.6
99	100.0	7.437	33.516	5.10	0.06	26.189	0.227	1480.	4.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	73	12 FEB 1987	2058	43°18.2'N	67°31.5'W	202

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	101.9	7.481	33.539	5.02	0.06	26.202	0.230	1480.	4.8
103	104.0	7.482	33.549	5.00	0.07	26.209	0.234	1480.	5.0
105	106.0	7.584	33.607	4.98	0.07	26.240	0.238	1481.	5.2
107	108.0	7.683	33.655	4.95	0.08	26.264	0.241	1481.	5.3
109	110.0	7.749	33.691	4.93	0.08	26.282	0.245	1482.	5.1
111	111.9	7.800	33.713	4.92	0.08	26.292	0.248	1482.	4.7
113	114.0	7.882	33.756	4.89	0.08	26.314	0.252	1482.	4.1
115	116.0	7.894	33.768	4.89	0.08	26.322	0.255	1482.	3.5
117	118.0	7.906	33.776	4.88	0.08	26.327	0.258	1483.	3.0
119	120.0	7.905	33.772	4.88	0.08	26.324	0.262	1483.	2.6
121	122.1	7.912	33.778	4.88	0.08	26.327	0.265	1483.	2.1
123	124.0	7.920	33.783	4.87	0.08	26.330	0.269	1483.	2.1
125	126.0	7.922	33.786	4.87	0.09	26.332	0.272	1483.	2.3
127	128.0	7.925	33.795	4.87	0.09	26.339	0.276	1483.	2.6
129	129.9	7.926	33.797	4.86	0.09	26.340	0.279	1483.	2.6
131	132.0	7.928	33.801	4.86	0.09	26.343	0.282	1483.	2.6
133	134.2	7.949	33.816	4.85	0.09	26.352	0.286	1483.	2.6
135	135.8	7.953	33.825	4.85	0.10	26.358	0.289	1483.	2.6
137	137.9	7.954	33.826	4.85	0.10	26.359	0.292	1483.	2.6
139	140.0	7.961	33.830	4.84	0.10	26.361	0.296	1483.	2.6
141	142.2	7.991	33.846	4.82	0.10	26.369	0.299	1483.	2.9
143	143.8	7.995	33.850	4.81	0.10	26.371	0.302	1483.	3.6
145	146.1	8.005	33.856	4.81	0.10	26.375	0.306	1483.	3.9
147	148.2	8.019	33.864	4.80	0.10	26.379	0.309	1484.	4.5
149	149.8	8.056	33.907	4.77	0.11	26.407	0.312	1484.	5.2
151	151.9	8.102	33.956	4.47	0.12	26.439	0.315	1484.	5.6
153	153.9	8.130	33.947	4.46	0.14	26.428	0.319	1484.	5.8
155	155.9	8.113	33.998	4.46	0.21	26.470	0.322	1484.	5.7
157	158.0	8.072	34.040	4.47	0.28	26.509	0.325	1484.	5.2
159	160.0	8.081	34.061	4.47	0.30	26.524	0.328	1484.	4.8
161	162.0	8.084	34.065	4.46	0.30	26.528	0.331	1484.	4.5
163	164.0	8.088	34.071	4.46	0.32	26.531	0.334	1484.	3.7
165	166.1	8.093	34.078	4.45	0.32	26.536	0.337	1484.	3.0
167	168.2	8.106	34.093	4.44	0.32	26.546	0.341	1485.	2.7
169	170.0	8.122	34.104	4.42	0.32	26.552	0.343	1485.	2.5
170	171.9	8.125	34.107	4.41	0.31	26.554	0.346	1485.	2.5
173	174.1	8.128	34.109	4.40	0.30	26.555	0.349	1485.	2.4
174	175.8	8.130	34.109	4.36	0.30	26.555	0.352	1485.	2.2
177	178.0	8.135	34.111	4.34	0.30	26.556	0.355	1485.	2.3
179	180.1	8.158	34.132	4.33	0.30	26.569	0.358	1485.	2.4
180	181.9	8.157	34.132	4.33	0.30	26.569	0.361	1485.	2.5
182	184.0	8.161	34.136	4.32	0.32	26.571	0.364	1485.	3.5
184	185.2	8.165	34.143	4.32	0.31	26.576	0.366	1485.	4.3
184	185.9	8.164	34.142	4.32	0.35	26.576	0.367	1485.	4.7
185	187.0	8.174	34.149	4.32	0.39	26.580	0.369	1485.	5.3
186	188.0	8.242	34.223	4.29	0.38	26.628	0.370	1486.	5.6
187	189.0	8.243	34.228	4.29	0.44	26.631	0.372	1486.	5.6
188	189.9	8.238	34.222	4.28	0.45	26.627	0.373	1486.	5.6
189	190.9	8.248	34.231	4.28	0.46	26.633	0.374	1486.	5.6
190	192.0	8.250	34.235	4.28	0.51	26.636	0.376	1486.	5.6

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	73	12 FEB 1987	2058	43°18.2'N	67°31.5'W	202

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
191	193.1	8.272	34.259	4.28	0.56	26.652	0.377	1486.	5.6
192	193.6	8.288	34.280	4.28	0.57	26.665	0.378	1486.	5.6

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	74	12 FEB 1987	2211	43°12.0'N	67°20.8'W	200

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.8	3.205	32.012	7.26	0.12	25.483	0.000	1459.	0.5
4	3.8	3.206	32.013	7.25	0.12	25.484	0.002	1459.	0.5
6	6.1	3.210	32.013	7.26	0.12	25.484	0.008	1460.	0.5
8	7.9	3.212	32.014	7.26	0.12	25.484	0.013	1460.	0.5
10	10.0	3.212	32.014	7.26	0.12	25.484	0.018	1460.	0.5
12	12.0	3.210	32.013	7.27	0.12	25.483	0.023	1460.	0.4
14	14.0	3.211	32.014	7.28	0.12	25.484	0.028	1460.	0.5
16	16.0	3.213	32.015	7.28	0.12	25.485	0.033	1460.	-0.3
18	18.0	3.214	32.015	7.26	0.12	25.485	0.038	1460.	0.6
20	20.0	3.207	32.013	7.26	0.12	25.484	0.043	1460.	1.0
22	22.1	3.209	32.015	7.25	0.12	25.485	0.048	1460.	1.8
24	24.0	3.217	32.012	7.24	0.12	25.482	0.053	1460.	2.9
26	26.0	3.219	32.019	7.24	0.12	25.487	0.058	1460.	3.8
28	28.0	3.236	32.027	7.23	0.12	25.492	0.063	1460.	4.3
30	30.0	3.302	32.053	7.21	0.12	25.507	0.068	1460.	4.6
32	31.9	3.431	32.114	7.16	0.12	25.544	0.072	1461.	4.9
34	34.0	3.457	32.137	7.14	0.12	25.560	0.077	1461.	4.9
36	36.0	3.506	32.148	7.11	0.11	25.565	0.082	1461.	4.7
38	38.0	3.575	32.173	7.08	0.11	25.579	0.087	1462.	4.3
40	40.0	3.639	32.195	7.04	0.11	25.590	0.092	1462.	3.8
42	41.9	3.679	32.209	7.02	0.11	25.597	0.096	1462.	3.9
44	44.0	3.729	32.224	7.00	0.11	25.605	0.101	1463.	4.4
46	46.1	3.792	32.239	6.96	0.11	25.611	0.106	1463.	4.8
48	48.0	3.836	32.255	6.93	0.11	25.619	0.111	1463.	5.1
50	50.4	4.009	32.309	6.89	0.10	25.645	0.116	1464.	6.4
52	52.0	4.312	32.397	6.79	0.09	25.685	0.120	1465.	7.2
53	53.9	4.451	32.435	6.77	0.09	25.701	0.124	1466.	7.9
56	56.0	5.048	32.529	6.51	0.08	25.712	0.129	1469.	8.6
58	58.0	5.584	32.778	5.95	0.08	25.848	0.134	1471.	8.8
60	60.1	5.771	32.821	5.87	0.08	25.859	0.138	1472.	8.6
62	62.1	6.186	32.967	5.73	0.07	25.924	0.142	1474.	8.6
63	63.9	6.433	33.087	5.63	0.07	25.987	0.146	1475.	8.4
65	65.9	6.636	33.133	5.56	0.07	25.997	0.150	1476.	7.6
67	68.0	6.956	33.222	5.44	0.07	26.025	0.154	1477.	7.4
69	69.9	7.178	33.313	5.36	0.06	26.066	0.158	1478.	6.9
71	71.9	7.368	33.409	5.28	0.06	26.116	0.162	1479.	6.5
73	74.0	7.443	33.435	5.24	0.06	26.125	0.166	1480.	6.4
75	75.9	7.510	33.473	5.20	0.06	26.146	0.170	1480.	5.9
77	78.1	7.624	33.534	5.14	0.06	26.177	0.174	1481.	5.4
79	80.0	7.649	33.553	5.11	0.07	26.189	0.177	1481.	5.3
81	82.0	7.676	33.572	5.08	0.07	26.200	0.181	1481.	5.5
83	84.1	7.706	33.583	5.05	0.07	26.204	0.184	1481.	5.3
85	86.0	7.793	33.634	5.00	0.08	26.232	0.188	1481.	5.2
87	88.0	7.867	33.696	4.96	0.08	26.269	0.192	1482.	5.2
89	90.1	7.915	33.726	4.93	0.08	26.286	0.195	1482.	5.1
91	92.0	7.927	33.731	4.91	0.09	26.288	0.199	1482.	4.9
93	94.0	7.911	33.743	4.90	0.11	26.300	0.202	1482.	4.8
95	95.9	7.887	33.759	4.91	0.12	26.316	0.205	1482.	4.5
97	98.0	7.878	33.767	4.91	0.13	26.324	0.209	1482.	4.6
99	100.1	7.899	33.786	4.89	0.13	26.336	0.212	1482.	4.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	74	12 FEB 1987	2211	43°12.0'N	67°20.8'W	200

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	101.9	7.975	33.845	4.82	0.12	26.371	0.215	1483.	4.6
103	103.9	7.997	33.847	4.81	0.13	26.369	0.219	1483.	4.3
105	106.0	7.981	33.866	4.81	0.15	26.386	0.222	1483.	3.9
107	108.1	7.958	33.871	4.82	0.16	26.393	0.226	1483.	3.3
109	109.9	7.933	33.874	4.82	0.17	26.400	0.229	1483.	2.6
111	112.0	7.931	33.874	4.82	0.17	26.400	0.232	1483.	2.4
113	114.0	7.929	33.874	4.82	0.18	26.400	0.235	1483.	1.8
115	116.1	7.925	33.874	4.82	0.18	26.401	0.239	1483.	1.5
117	118.0	7.922	33.876	4.81	0.19	26.403	0.242	1483.	1.6
119	120.1	7.917	33.877	4.81	0.19	26.405	0.245	1483.	2.5
121	122.0	7.915	33.877	4.81	0.20	26.404	0.248	1483.	3.1
123	123.9	7.914	33.880	4.80	0.22	26.407	0.251	1483.	3.4
125	126.0	7.908	33.888	4.80	0.24	26.414	0.255	1483.	3.6
127	128.0	7.928	33.933	4.79	0.26	26.447	0.258	1483.	3.6
129	130.0	7.932	33.937	4.78	0.26	26.450	0.261	1483.	3.5
131	132.1	7.936	33.941	4.78	0.27	26.452	0.265	1483.	3.2
133	134.1	7.945	33.949	4.78	0.27	26.457	0.268	1483.	2.8
135	136.0	7.950	33.953	4.77	0.27	26.459	0.271	1483.	2.2
137	138.0	7.954	33.954	4.77	0.27	26.460	0.274	1483.	2.3
139	140.1	7.955	33.957	4.77	0.27	26.462	0.277	1483.	2.4
141	142.0	7.971	33.968	4.76	0.27	26.468	0.280	1483.	2.7
143	143.9	7.983	33.979	4.76	0.27	26.474	0.283	1483.	3.4
145	146.0	7.987	33.984	4.75	0.27	26.478	0.287	1484.	3.9
147	148.3	8.000	33.991	4.75	0.27	26.482	0.290	1484.	4.2
148	149.7	8.022	34.014	4.77	0.28	26.496	0.292	1484.	4.3
151	152.0	8.055	34.060	4.83	0.33	26.528	0.296	1484.	4.4
153	154.0	8.065	34.075	4.83	0.34	26.538	0.299	1484.	4.4
155	155.9	8.076	34.087	4.82	0.35	26.546	0.302	1484.	4.3
157	157.9	8.079	34.092	4.82	0.35	26.549	0.305	1484.	3.9
159	160.0	8.095	34.109	4.82	0.36	26.560	0.308	1484.	3.6
161	162.0	8.119	34.132	4.59	0.37	26.575	0.311	1484.	4.3
163	164.0	8.119	34.136	4.47	0.37	26.578	0.314	1485.	5.5
165	166.0	8.136	34.150	4.46	0.37	26.586	0.317	1485.	6.5
167	168.1	8.155	34.165	4.45	0.36	26.595	0.320	1485.	7.1
169	170.2	8.257	34.260	4.38	0.36	26.655	0.323	1485.	7.2
170	171.8	8.388	34.391	4.25	0.43	26.738	0.325	1486.	7.2
173	174.0	8.455	34.461	4.23	0.50	26.782	0.328	1486.	6.7
175	176.1	8.462	34.467	4.23	0.50	26.786	0.331	1486.	5.8
177	178.1	8.464	34.471	4.23	0.51	26.788	0.333	1486.	4.5
178	179.9	8.465	34.473	4.23	0.52	26.789	0.335	1487.	2.9
180	182.0	8.468	34.474	4.23	0.54	26.790	0.338	1487.	1.8
182	184.0	8.471	34.477	4.24	0.53	26.792	0.341	1487.	1.7
184	185.2	8.473	34.481	4.23	0.53	26.795	0.342	1487.	1.6
184	186.0	8.474	34.482	4.23	0.52	26.795	0.343	1487.	1.5
185	187.0	8.474	34.482	4.23	0.52	26.796	0.345	1487.	1.3
186	188.0	8.474	34.482	4.23	0.52	26.796	0.346	1487.	1.0
187	189.0	8.474	34.481	4.22	0.51	26.795	0.347	1487.	0.6
188	190.1	8.475	34.482	4.22	0.51	26.795	0.348	1487.	0.7
189	191.0	8.474	34.482	4.22	0.49	26.796	0.350	1487.	0.7
190	192.1	8.474	34.483	4.21	0.48	26.796	0.351	1487.	0.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	74	12 FEB 1987	2211	43°12.0'N	67°20.8'W	200

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
191	193.1	8.474	34.483	4.20	0.48	26.796	0.352	1487.	0.7
192	193.9	8.476	34.485	4.18	0.47	26.797	0.353	1487.	0.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	75	12 FEB 1987	2324	43°05.9'N	67°09.9'W	213

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.3	3.274	32.056	7.25	0.11	25.512	0.000	1460.	0.5
4	3.9	3.288	32.058	7.26	0.11	25.512	0.004	1460.	0.5
6	6.0	3.290	32.058	7.26	0.11	25.512	0.009	1460.	0.5
8	8.0	3.293	32.059	7.27	0.11	25.513	0.014	1460.	0.5
10	9.9	3.287	32.058	7.26	0.11	25.513	0.019	1460.	0.5
12	12.1	3.286	32.058	7.26	0.11	25.513	0.024	1460.	0.5
14	14.1	3.291	32.059	7.27	0.11	25.513	0.029	1460.	0.5
16	15.9	3.294	32.060	7.26	0.11	25.513	0.033	1460.	0.7
18	17.9	3.296	32.060	7.26	0.12	25.513	0.038	1460.	1.4
20	20.0	3.297	32.060	7.28	0.11	25.513	0.044	1460.	1.7
22	22.0	3.302	32.061	7.26	0.11	25.514	0.048	1460.	1.7
24	24.0	3.323	32.066	7.23	0.11	25.516	0.053	1460.	1.8
26	26.1	3.356	32.085	7.21	0.11	25.528	0.058	1461.	5.0
28	27.9	3.360	32.085	7.19	0.11	25.527	0.063	1461.	6.5
30	29.9	3.332	32.074	7.18	0.12	25.521	0.068	1461.	7.5
32	32.1	3.494	32.102	7.16	0.11	25.529	0.073	1461.	8.1
34	34.0	4.399	32.467	6.78	0.09	25.731	0.078	1466.	8.3
36	35.9	4.430	32.495	6.75	0.08	25.751	0.082	1466.	8.2
38	38.0	4.515	32.530	6.71	0.08	25.769	0.087	1466.	7.6
40	40.2	4.627	32.575	6.68	0.08	25.794	0.091	1467.	6.4
42	41.9	4.695	32.601	6.65	0.08	25.807	0.095	1467.	4.2
44	44.0	4.753	32.615	6.62	0.08	25.812	0.100	1467.	4.0
46	46.0	4.788	32.626	6.60	0.08	25.817	0.104	1468.	3.6
48	48.0	4.813	32.632	6.59	0.08	25.819	0.109	1468.	3.0
50	50.1	4.836	32.639	6.59	0.07	25.822	0.113	1468.	3.1
52	52.1	4.968	32.697	6.61	0.07	25.853	0.117	1469.	3.7
53	53.8	5.014	32.682	6.59	0.08	25.837	0.121	1469.	4.1
56	56.0	4.930	32.669	6.60	0.09	25.836	0.126	1468.	5.3
58	58.1	5.020	32.712	6.58	0.09	25.859	0.130	1469.	6.5
60	60.0	5.231	32.794	6.49	0.09	25.901	0.134	1470.	7.1
61	62.0	5.325	32.809	6.45	0.09	25.902	0.138	1470.	7.7
63	64.0	6.089	33.052	6.16	0.08	26.002	0.143	1474.	7.7
65	65.9	6.489	33.190	5.72	0.09	26.061	0.146	1475.	7.2
67	68.0	6.576	33.224	5.59	0.09	26.076	0.150	1476.	6.9
69	70.0	6.632	33.256	5.55	0.10	26.094	0.154	1476.	6.6
71	72.0	6.667	33.260	5.53	0.11	26.093	0.158	1476.	5.7
73	74.0	6.831	33.301	5.48	0.12	26.103	0.162	1477.	5.3
75	76.0	7.081	33.413	5.39	0.12	26.158	0.166	1478.	5.3
77	78.0	7.185	33.451	5.35	0.12	26.174	0.169	1479.	5.1
79	80.0	7.233	33.470	5.32	0.12	26.182	0.173	1479.	5.2
81	82.0	7.266	33.495	5.30	0.11	26.197	0.177	1479.	5.0
83	84.0	7.298	33.510	5.28	0.11	26.204	0.180	1479.	4.4
85	86.0	7.327	33.525	5.26	0.11	26.212	0.184	1479.	4.2
87	88.1	7.443	33.582	5.21	0.11	26.240	0.188	1480.	4.0
89	89.9	7.481	33.603	5.18	0.12	26.252	0.191	1480.	3.6
91	92.0	7.486	33.605	5.16	0.12	26.253	0.195	1480.	3.2
93	94.0	7.482	33.607	5.15	0.12	26.255	0.198	1480.	2.6
95	96.0	7.472	33.607	5.14	0.13	26.256	0.202	1480.	1.9
97	98.0	7.470	33.608	5.12	0.13	26.258	0.205	1480.	2.0
99	100.0	7.471	33.610	5.08	0.13	26.259	0.209	1480.	2.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	75	12 FEB 1987	2324	43°05.9'N	67°09.9'W	213

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.1	7.466	33.610	5.06	0.13	26.259	0.212	1480.	3.0
103	104.1	7.464	33.615	5.04	0.13	26.264	0.216	1480.	3.7
105	106.0	7.494	33.640	5.02	0.14	26.279	0.219	1481.	4.3
107	107.9	7.479	33.633	5.01	0.15	26.276	0.223	1481.	4.6
109	110.0	7.588	33.698	4.96	0.15	26.312	0.226	1481.	4.8
111	112.0	7.678	33.741	4.94	0.15	26.333	0.230	1482.	4.8
113	114.0	7.726	33.771	4.92	0.15	26.349	0.233	1482.	4.8
115	115.9	7.759	33.783	4.90	0.15	26.353	0.236	1482.	4.8
117	118.0	7.786	33.800	4.88	0.15	26.363	0.240	1482.	4.7
119	119.9	7.827	33.821	4.86	0.15	26.374	0.243	1482.	5.4
121	122.0	7.888	33.859	4.84	0.15	26.394	0.246	1483.	6.8
123	124.1	7.919	33.886	4.83	0.17	26.411	0.250	1483.	7.6
125	126.0	7.916	33.914	4.82	0.19	26.433	0.253	1483.	8.0
127	127.9	8.005	34.024	4.81	0.20	26.507	0.256	1483.	8.2
129	130.0	8.265	34.226	4.78	0.15	26.627	0.259	1485.	8.1
131	132.1	8.276	34.231	4.77	0.13	26.629	0.262	1485.	7.9
133	134.0	8.299	34.260	4.76	0.12	26.648	0.265	1485.	7.3
135	136.0	8.336	34.283	4.41	0.12	26.661	0.267	1485.	6.3
137	138.0	8.389	34.336	4.39	0.12	26.694	0.270	1485.	5.3
139	140.0	8.424	34.379	4.38	0.12	26.722	0.273	1486.	5.3
141	142.1	8.445	34.409	4.36	0.12	26.742	0.276	1486.	5.1
143	144.0	8.450	34.414	4.35	0.12	26.746	0.278	1486.	5.1
145	146.1	8.452	34.418	4.34	0.12	26.749	0.281	1486.	5.0
147	148.1	8.468	34.445	4.32	0.12	26.767	0.284	1486.	5.0
149	150.2	8.478	34.465	4.28	0.12	26.782	0.286	1486.	4.9
151	152.0	8.508	34.522	4.21	0.13	26.822	0.289	1486.	4.9
153	153.9	8.513	34.534	4.21	0.14	26.830	0.291	1486.	4.7
155	156.0	8.534	34.556	4.20	0.14	26.844	0.294	1486.	4.2
157	157.9	8.532	34.557	4.21	0.13	26.845	0.296	1487.	3.7
159	160.1	8.551	34.571	4.21	0.12	26.853	0.299	1487.	3.0
161	161.9	8.558	34.577	4.21	0.12	26.857	0.301	1487.	2.8
163	164.1	8.556	34.578	4.21	0.13	26.858	0.303	1487.	2.7
165	165.9	8.552	34.589	4.21	0.13	26.867	0.306	1487.	2.8
167	168.0	8.553	34.589	4.21	0.13	26.867	0.308	1487.	2.8
169	170.2	8.548	34.597	4.21	0.14	26.874	0.311	1487.	2.7
170	171.8	8.548	34.604	4.21	0.15	26.879	0.313	1487.	2.6
173	174.0	8.534	34.610	4.21	0.15	26.886	0.315	1487.	2.8
175	176.0	8.528	34.613	4.21	0.16	26.890	0.318	1487.	3.1
176	177.9	8.530	34.612	4.21	0.17	26.889	0.320	1487.	3.1
179	180.0	8.522	34.616	4.21	0.17	26.893	0.322	1487.	3.1
181	182.1	8.513	34.639	4.20	0.17	26.913	0.325	1487.	3.0
182	184.0	8.512	34.648	4.19	0.17	26.920	0.327	1487.	3.1
185	186.1	8.511	34.650	4.19	0.17	26.922	0.330	1487.	3.4
186	188.0	8.510	34.655	4.20	0.17	26.926	0.332	1487.	3.4
188	189.9	8.511	34.653	4.21	0.17	26.924	0.334	1487.	3.4
190	192.0	8.509	34.668	4.21	0.17	26.936	0.336	1487.	3.6
192	193.9	8.502	34.693	4.21	0.17	26.956	0.338	1487.	3.8
194	195.9	8.500	34.698	4.21	0.18	26.961	0.341	1487.	3.9
196	197.2	8.497	34.708	4.21	0.17	26.969	0.342	1487.	4.0
196	198.0	8.495	34.713	4.21	0.18	26.973	0.343	1487.	3.6

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	75	12 FEB 1987	2324	43°05.9'N	67°09.9'W	213

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
197	199.0	8.495	34.714	4.21	0.18	26.974	0.344	1487.	2.9
198	200.0	8.494	34.716	4.20	0.18	26.976	0.345	1487.	2.5
199	200.9	8.494	34.718	4.20	0.18	26.977	0.346	1487.	2.1
200	202.0	8.494	34.719	4.20	0.18	26.979	0.347	1487.	1.8
201	203.0	8.494	34.720	4.19	0.18	26.979	0.349	1487.	1.7
202	204.0	8.494	34.721	4.19	0.18	26.980	0.350	1487.	1.7
203	205.0	8.493	34.723	4.18	0.18	26.981	0.351	1487.	1.7
204	206.1	8.493	34.723	4.17	0.17	26.981	0.352	1487.	1.7
205	206.6	8.493	34.722	4.16	0.17	26.981	0.353	1487.	1.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	76	13 FEB 1987	0047	42°57.1'N	67°10.4'W	233

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.8	3.488	32.251	7.11	0.11	25.648	0.000	1461.	0.3
4	4.0	3.488	32.251	7.14	0.11	25.648	0.003	1461.	0.3
6	5.8	3.486	32.250	7.15	0.11	25.648	0.007	1461.	0.3
8	7.9	3.489	32.250	7.16	0.11	25.647	0.012	1461.	0.3
10	9.9	3.500	32.250	7.15	0.11	25.646	0.017	1461.	0.3
12	12.1	3.506	32.252	7.16	0.11	25.647	0.022	1461.	0.7
14	14.0	3.513	32.253	7.16	0.11	25.648	0.026	1461.	1.1
16	16.1	3.516	32.254	7.16	0.11	25.648	0.031	1461.	2.0
18	18.0	3.540	32.258	7.16	0.11	25.649	0.035	1461.	3.2
20	19.9	3.563	32.262	7.14	0.11	25.650	0.040	1462.	4.2
22	22.0	3.612	32.275	7.11	0.11	25.656	0.045	1462.	4.8
24	23.9	3.728	32.312	7.08	0.11	25.674	0.049	1462.	5.1
26	26.0	3.917	32.387	6.98	0.10	25.716	0.054	1463.	5.2
28	28.0	4.044	32.445	6.94	0.10	25.750	0.058	1464.	5.0
30	30.0	4.077	32.453	6.91	0.10	25.753	0.063	1464.	4.7
32	32.1	4.105	32.460	6.90	0.09	25.756	0.068	1464.	4.2
34	33.9	4.128	32.468	6.88	0.09	25.760	0.072	1464.	3.7
36	36.3	4.181	32.485	6.85	0.09	25.768	0.077	1465.	4.0
38	37.8	4.212	32.494	6.83	0.09	25.772	0.080	1465.	4.7
40	40.0	4.314	32.530	6.79	0.09	25.790	0.085	1465.	5.3
42	42.1	4.381	32.553	6.75	0.08	25.802	0.090	1466.	5.7
44	44.0	4.561	32.630	6.70	0.08	25.844	0.094	1467.	5.8
46	46.0	4.786	32.696	6.60	0.08	25.872	0.098	1468.	5.7
48	48.0	4.911	32.739	6.55	0.07	25.893	0.102	1468.	5.3
50	50.1	4.998	32.778	6.52	0.07	25.914	0.107	1469.	4.7
51	51.7	5.005	32.780	6.53	0.07	25.915	0.110	1469.	4.1
54	54.0	5.035	32.787	6.49	0.07	25.917	0.115	1469.	4.0
55	55.9	5.078	32.802	6.46	0.07	25.925	0.119	1469.	4.3
58	58.0	5.096	32.803	6.39	0.07	25.923	0.123	1469.	5.8
60	60.3	5.242	32.855	6.31	0.07	25.948	0.128	1470.	6.9
61	61.8	5.489	32.927	6.05	0.09	25.976	0.131	1471.	7.5
64	64.1	6.144	33.065	5.98	0.08	26.006	0.136	1474.	7.7
66	66.1	6.695	33.325	5.79	0.09	26.140	0.139	1476.	7.5
67	67.9	6.788	33.366	5.75	0.09	26.161	0.143	1477.	6.9
69	70.0	6.793	33.374	5.74	0.09	26.166	0.147	1477.	6.0
71	72.0	6.769	33.367	5.74	0.09	26.164	0.150	1477.	4.6
73	74.0	6.800	33.376	5.73	0.09	26.166	0.154	1477.	1.8
76	76.2	6.859	33.399	5.72	0.09	26.177	0.158	1477.	-1.0
77	77.9	6.855	33.397	5.72	0.09	26.176	0.161	1477.	-1.7
80	80.2	6.827	33.395	5.73	0.09	26.178	0.165	1477.	-2.2
81	81.9	6.757	33.345	5.75	0.09	26.148	0.169	1477.	-2.5
83	84.0	6.717	33.344	5.77	0.09	26.153	0.173	1477.	-2.8
85	85.8	6.712	33.345	5.77	0.08	26.154	0.176	1477.	-2.7
87	88.1	6.679	33.329	5.80	0.08	26.145	0.180	1477.	-2.8
89	90.0	6.681	33.330	5.81	0.09	26.146	0.184	1477.	-2.5
91	92.0	6.655	33.318	5.81	0.09	26.140	0.188	1477.	-2.7
93	94.0	6.582	33.298	5.83	0.08	26.134	0.191	1476.	-2.6
95	95.9	6.564	33.282	5.83	0.08	26.123	0.195	1476.	-2.4
97	98.0	6.567	33.281	5.83	0.08	26.122	0.199	1476.	-2.1
99	100.0	6.560	33.279	5.84	0.08	26.122	0.203	1476.	-1.6

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	76	13 FEB 1987	0047	42°57.1'N	67°10.4'W	233

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	101.8	6.581	33.283	5.98	0.08	26.122	0.206	1477.	-0.8
103	104.1	6.516	33.268	6.01	0.08	26.119	0.210	1476.	0.6
105	106.1	6.578	33.286	5.99	0.08	26.125	0.214	1477.	-0.4
107	108.0	6.622	33.294	5.65	0.08	26.125	0.218	1477.	2.0
109	110.3	6.587	33.289	5.58	0.08	26.126	0.222	1477.	4.4
111	111.9	6.590	33.283	5.54	0.09	26.121	0.225	1477.	5.5
113	114.1	6.692	33.296	5.49	0.10	26.118	0.229	1477.	6.4
115	116.1	7.014	33.410	5.35	0.11	26.164	0.233	1479.	7.1
117	117.8	7.454	33.634	5.19	0.12	26.280	0.236	1481.	7.4
119	120.1	7.535	33.640	5.15	0.12	26.273	0.240	1481.	7.6
121	122.1	7.689	33.724	5.08	0.12	26.318	0.244	1482.	7.5
123	123.9	7.748	33.771	5.04	0.12	26.346	0.247	1482.	6.7
125	126.2	7.802	33.799	5.01	0.12	26.360	0.251	1482.	5.7
127	127.8	7.858	33.864	4.97	0.12	26.403	0.253	1483.	5.3
129	130.1	7.887	33.886	4.95	0.13	26.416	0.257	1483.	4.4
131	132.1	7.888	33.888	4.93	0.13	26.417	0.260	1483.	3.7
133	133.9	7.888	33.889	4.91	0.13	26.418	0.263	1483.	3.0
135	136.2	7.889	33.889	4.90	0.13	26.418	0.267	1483.	3.2
137	138.0	7.891	33.890	4.89	0.13	26.418	0.270	1483.	3.8
139	140.0	7.903	33.899	4.87	0.13	26.424	0.273	1483.	5.1
141	142.0	7.906	33.905	4.85	0.13	26.428	0.276	1483.	6.2
143	144.0	7.990	33.994	4.81	0.14	26.486	0.279	1484.	6.6
145	146.0	8.015	34.012	4.80	0.13	26.496	0.283	1484.	6.1
147	147.8	8.166	34.141	4.75	0.11	26.574	0.285	1484.	6.0
149	150.1	8.226	34.206	4.73	0.11	26.617	0.289	1485.	5.8
151	151.9	8.177	34.159	4.77	0.12	26.587	0.291	1485.	5.6
153	153.9	8.098	34.073	4.85	0.12	26.532	0.294	1484.	6.1
155	155.9	8.220	34.191	4.80	0.11	26.606	0.297	1485.	6.2
157	158.1	8.289	34.251	4.77	0.11	26.643	0.300	1485.	6.9
159	159.9	8.373	34.320	4.74	0.10	26.684	0.303	1486.	7.6
161	162.1	8.450	34.417	4.56	0.09	26.748	0.306	1486.	7.9
163	164.0	8.468	34.444	4.37	0.10	26.766	0.308	1486.	7.3
164	165.8	8.501	34.503	4.35	0.10	26.808	0.311	1486.	7.1
167	168.0	8.511	34.535	4.34	0.10	26.831	0.313	1487.	6.8
168	169.8	8.515	34.564	4.32	0.11	26.853	0.316	1487.	6.4
171	172.0	8.513	34.587	4.30	0.11	26.872	0.318	1487.	6.1
173	174.2	8.496	34.639	4.30	0.13	26.915	0.321	1487.	5.5
175	176.0	8.488	34.668	4.29	0.14	26.939	0.323	1487.	5.0
177	178.2	8.484	34.677	4.28	0.14	26.947	0.325	1487.	4.4
178	179.9	8.482	34.681	4.26	0.14	26.950	0.327	1487.	3.6
181	182.2	8.481	34.682	4.25	0.14	26.951	0.330	1487.	2.7
182	183.9	8.480	34.683	4.23	0.14	26.952	0.332	1487.	2.2
184	185.9	8.479	34.686	4.22	0.14	26.955	0.334	1487.	2.1
187	188.3	8.478	34.691	4.22	0.14	26.959	0.337	1487.	2.3
188	189.9	8.477	34.696	4.21	0.14	26.963	0.339	1487.	2.4
191	192.2	8.476	34.699	4.21	0.13	26.965	0.341	1487.	2.4
192	193.7	8.475	34.703	4.20	0.14	26.969	0.343	1487.	2.3
194	196.1	8.473	34.712	4.20	0.14	26.976	0.345	1487.	2.1
196	198.0	8.472	34.713	4.20	0.14	26.977	0.348	1487.	1.9
198	200.0	8.472	34.714	4.21	0.15	26.978	0.350	1487.	1.6

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	76	13 FEB 1987	0047	42°57.1'N	67°10.4'W	233

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	201.9	8.471	34.715	4.21	0.16	26.979	0.352	1487.	1.3
202	204.0	8.471	34.716	4.21	0.17	26.979	0.354	1487.	0.9
204	206.1	8.472	34.716	4.21	0.16	26.980	0.357	1487.	0.8
206	208.0	8.472	34.717	4.21	0.17	26.980	0.359	1487.	0.7
208	210.2	8.473	34.717	4.21	0.16	26.980	0.361	1487.	0.6
210	211.7	8.473	34.718	4.21	0.18	26.980	0.363	1487.	0.6
212	214.1	8.474	34.718	4.21	0.19	26.981	0.365	1487.	0.6
213	215.3	8.474	34.718	4.21	0.18	26.981	0.367	1487.	0.5
214	216.0	8.474	34.718	4.21	0.20	26.981	0.367	1487.	0.5
215	216.9	8.474	34.718	4.21	0.20	26.981	0.368	1487.	0.3
216	218.0	8.474	34.718	4.21	0.19	26.981	0.370	1487.	0.3
217	219.0	8.474	34.718	4.21	0.18	26.981	0.371	1487.	0.2
218	220.0	8.474	34.718	4.21	0.18	26.981	0.372	1488.	0.2
219	221.0	8.475	34.718	4.20	0.19	26.981	0.373	1488.	0.2
220	222.0	8.475	34.719	4.20	0.20	26.981	0.374	1488.	0.2
221	223.1	8.475	34.718	4.20	0.20	26.980	0.375	1488.	0.2
222	223.7	8.475	34.718	4.19	0.19	26.981	0.376	1488.	0.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	77	13 FEB 1987	0154	42°48.7'N	67°10.9'W	220

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
4	3.9	4.495	32.625	6.72	0.08	25.847	0.000	1466.	0.5
6	6.0	4.480	32.619	6.74	0.08	25.844	0.004	1466.	0.5
8	7.9	4.483	32.620	6.76	0.08	25.845	0.009	1466.	0.5
10	10.0	4.483	32.620	6.76	0.08	25.844	0.013	1466.	0.5
12	12.0	4.481	32.620	6.76	0.08	25.844	0.017	1466.	0.5
14	14.0	4.478	32.619	6.76	0.08	25.844	0.022	1466.	1.0
16	16.2	4.481	32.619	6.76	0.08	25.844	0.026	1466.	1.3
18	17.9	4.497	32.625	6.75	0.08	25.847	0.030	1466.	1.6
20	20.2	4.516	32.628	6.73	0.08	25.847	0.035	1466.	1.8
22	21.8	4.529	32.634	6.74	0.08	25.850	0.038	1466.	2.0
24	24.0	4.539	32.638	6.72	0.08	25.853	0.043	1466.	2.0
26	25.8	4.571	32.649	6.71	0.08	25.858	0.047	1466.	2.2
28	28.1	4.572	32.650	6.69	0.08	25.859	0.052	1466.	2.8
30	30.0	4.631	32.664	6.66	0.08	25.864	0.056	1467.	3.1
32	32.0	4.629	32.662	6.67	0.08	25.862	0.060	1467.	3.2
34	34.0	4.778	32.698	6.63	0.08	25.875	0.064	1467.	3.2
36	36.0	4.835	32.734	6.60	0.08	25.897	0.069	1468.	3.1
38	38.0	4.838	32.737	6.60	0.08	25.899	0.073	1468.	2.9
40	39.9	4.831	32.734	6.60	0.08	25.898	0.077	1468.	2.7
42	42.1	4.830	32.735	6.59	0.08	25.898	0.081	1468.	2.3
44	43.9	4.829	32.736	6.60	0.08	25.899	0.085	1468.	2.0
46	46.1	4.835	32.740	6.58	0.08	25.902	0.090	1468.	2.2
47	47.9	4.846	32.750	6.57	0.08	25.909	0.093	1468.	2.3
50	50.1	4.871	32.760	6.57	0.08	25.914	0.098	1468.	2.4
51	51.9	4.884	32.766	6.56	0.08	25.917	0.102	1468.	2.4
54	53.9	4.903	32.772	6.58	0.08	25.920	0.106	1468.	2.3
56	56.0	4.938	32.778	6.57	0.08	25.921	0.110	1469.	2.2
58	58.1	4.974	32.790	6.55	0.08	25.926	0.115	1469.	2.1
59	59.7	4.967	32.792	6.54	0.08	25.929	0.118	1469.	2.0
62	62.1	4.962	32.793	6.55	0.08	25.930	0.123	1469.	1.9
63	64.0	5.004	32.804	6.55	0.08	25.935	0.127	1469.	1.8
65	66.0	5.024	32.807	6.54	0.08	25.935	0.131	1469.	1.6
68	68.2	5.023	32.809	6.54	0.08	25.936	0.136	1469.	1.8
69	69.7	5.038	32.812	6.54	0.08	25.937	0.139	1469.	2.1
71	72.0	5.045	32.815	6.53	0.08	25.939	0.143	1469.	2.4
73	74.0	5.030	32.815	6.53	0.08	25.940	0.148	1469.	2.7
75	76.0	5.081	32.833	6.52	0.08	25.948	0.152	1470.	2.9
77	78.0	5.149	32.855	6.48	0.07	25.958	0.156	1470.	3.1
80	80.2	5.194	32.871	6.46	0.07	25.966	0.160	1470.	3.2
81	81.9	5.249	32.884	6.43	0.07	25.970	0.164	1470.	3.3
83	84.0	5.318	32.897	6.40	0.07	25.972	0.168	1471.	3.6
85	86.0	5.406	32.927	6.34	0.07	25.986	0.172	1471.	4.0
87	88.1	5.446	32.937	6.33	0.07	25.989	0.176	1471.	4.6
89	89.9	5.541	32.967	6.29	0.07	26.001	0.180	1472.	5.0
91	92.0	5.679	33.013	6.22	0.07	26.022	0.184	1472.	5.3
93	94.1	5.914	33.091	6.15	0.06	26.055	0.188	1474.	5.3
95	95.9	6.020	33.138	6.10	0.06	26.079	0.192	1474.	5.8
97	98.3	6.124	33.169	6.07	0.06	26.091	0.196	1475.	5.8
99	99.8	6.178	33.191	6.07	0.06	26.101	0.199	1475.	6.3
101	101.8	6.262	33.216	5.85	0.06	26.111	0.203	1475.	7.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	77	13 FEB 1987	0154	42°48.7'N	67°10.9'W	220

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
103	103.9	6.547	33.346	5.54	0.06	26.177	0.207	1477.	8.0
105	106.1	6.694	33.363	5.45	0.06	26.171	0.211	1477.	8.5
108	108.4	7.183	33.570	5.31	0.07	26.267	0.215	1479.	8.7
109	109.9	7.625	33.781	5.16	0.07	26.371	0.218	1481.	8.5
111	112.2	7.697	33.827	5.13	0.07	26.397	0.222	1482.	8.1
113	113.9	7.791	33.874	5.09	0.07	26.421	0.224	1482.	7.7
115	116.0	7.846	33.908	5.05	0.07	26.439	0.228	1482.	6.9
117	118.1	7.890	33.943	5.01	0.07	26.460	0.231	1483.	6.3
119	119.9	7.901	33.973	4.97	0.08	26.482	0.234	1483.	6.5
121	122.0	7.954	34.030	4.93	0.08	26.519	0.237	1483.	6.8
123	124.0	8.065	34.099	4.87	0.08	26.557	0.240	1484.	7.1
125	126.0	8.261	34.153	4.79	0.07	26.570	0.243	1484.	7.3
127	128.0	8.430	34.247	4.73	0.07	26.618	0.246	1485.	7.2
129	130.0	8.487	34.316	4.43	0.06	26.663	0.249	1486.	7.1
131	132.1	8.500	34.352	4.36	0.06	26.690	0.252	1486.	7.5
133	134.0	8.503	34.398	4.34	0.06	26.725	0.254	1486.	7.9
135	136.0	8.510	34.419	4.32	0.07	26.740	0.257	1486.	7.7
137	138.2	8.509	34.457	4.31	0.07	26.771	0.260	1486.	7.5
139	140.0	8.511	34.579	4.30	0.08	26.866	0.262	1486.	7.2
141	141.9	8.511	34.630	4.28	0.08	26.906	0.264	1486.	6.6
143	144.4	8.510	34.638	4.27	0.08	26.912	0.267	1486.	5.8
145	145.8	8.509	34.641	4.24	0.09	26.915	0.269	1486.	4.6
147	148.2	8.508	34.644	4.22	0.09	26.917	0.271	1486.	2.9
149	150.0	8.507	34.646	4.19	0.09	26.919	0.274	1486.	2.0
151	152.0	8.504	34.651	4.19	0.09	26.923	0.276	1486.	1.9
153	154.0	8.501	34.652	4.18	0.09	26.925	0.278	1486.	2.2
155	156.0	8.501	34.652	4.18	0.09	26.924	0.281	1486.	2.5
157	158.0	8.495	34.657	4.18	0.09	26.930	0.283	1486.	2.7
159	160.0	8.495	34.657	4.18	0.10	26.929	0.285	1487.	2.8
161	162.1	8.479	34.673	4.18	0.10	26.944	0.287	1487.	3.0
163	164.0	8.474	34.679	4.18	0.11	26.950	0.290	1487.	3.1
165	165.9	8.470	34.687	4.18	0.11	26.957	0.292	1487.	3.1
167	167.9	8.470	34.689	4.19	0.11	26.958	0.294	1487.	3.1
169	170.1	8.470	34.696	4.19	0.11	26.964	0.296	1487.	3.0
170	171.8	8.469	34.703	4.19	0.11	26.970	0.298	1487.	2.9
173	174.1	8.467	34.713	4.18	0.12	26.977	0.301	1487.	2.8
174	175.9	8.465	34.722	4.18	0.13	26.985	0.303	1487.	2.6
177	178.0	8.464	34.725	4.19	0.13	26.988	0.305	1487.	2.4
179	180.1	8.463	34.727	4.19	0.13	26.989	0.307	1487.	2.0
180	182.0	8.463	34.728	4.20	0.14	26.990	0.310	1487.	1.7
182	183.9	8.462	34.730	4.20	0.14	26.992	0.312	1487.	1.4
184	186.0	8.462	34.730	4.20	0.14	26.992	0.314	1487.	1.3
186	187.8	8.462	34.732	4.20	0.14	26.993	0.316	1487.	1.3
189	190.1	8.462	34.734	4.20	0.14	26.995	0.318	1487.	1.2
190	191.8	8.462	34.734	4.19	0.14	26.995	0.320	1487.	1.2
193	194.2	8.462	34.736	4.20	0.15	26.996	0.323	1487.	1.2
194	195.8	8.462	34.736	4.20	0.15	26.997	0.325	1487.	1.1
196	198.0	8.462	34.738	4.20	0.15	26.998	0.327	1487.	1.0
198	199.9	8.462	34.739	4.21	0.15	26.999	0.329	1487.	1.0
200	202.1	8.462	34.740	4.21	0.15	26.999	0.331	1487.	0.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	77	13 FEB 1987	0154	42°48.7'N	67°10.9'W	220

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
202	204.1	8.462	34.739	4.21	0.14	26.998	0.334	1487.	0.5
204	205.2	8.462	34.739	4.21	0.14	26.999	0.335	1487.	-0.2
204	206.0	8.462	34.740	4.21	0.15	27.000	0.336	1487.	-0.4
205	207.0	8.463	34.737	4.21	0.15	26.997	0.337	1487.	0.2
206	208.0	8.463	34.737	4.20	0.15	26.997	0.338	1487.	0.8
207	209.0	8.463	34.739	4.20	0.15	26.999	0.339	1487.	1.1
208	210.1	8.463	34.739	4.19	0.14	26.999	0.340	1487.	1.3
209	210.9	8.463	34.740	4.18	0.15	27.000	0.341	1487.	1.5
210	212.0	8.463	34.741	4.18	0.15	27.001	0.342	1487.	1.5
211	213.0	8.463	34.743	4.18	0.15	27.002	0.343	1487.	1.5
212	214.1	8.463	34.743	4.17	0.14	27.002	0.344	1487.	1.5
213	214.6	8.463	34.742	4.18	0.14	27.001	0.345	1487.	1.5

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	78	13 FEB 1987	0306	42°40.0'N	67°12.1'W	265

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
4	4.0	3.843	32.317	6.98	0.08	25.668	0.000	1463.	1.6
6	6.0	3.856	32.321	6.99	0.08	25.669	0.005	1463.	1.6
8	8.0	3.901	32.332	6.98	0.08	25.674	0.009	1463.	1.6
10	9.9	3.912	32.336	6.97	0.08	25.676	0.014	1463.	1.6
12	12.1	3.916	32.339	6.97	0.08	25.678	0.019	1463.	1.6
14	14.0	3.915	32.339	6.98	0.08	25.679	0.023	1463.	1.4
16	16.1	3.923	32.341	6.98	0.08	25.679	0.028	1463.	1.2
18	17.9	3.921	32.341	6.98	0.08	25.679	0.032	1463.	1.0
20	20.2	3.933	32.345	6.97	0.08	25.681	0.037	1463.	1.1
22	21.9	3.938	32.345	6.97	0.08	25.681	0.041	1463.	1.3
24	24.1	3.952	32.349	6.98	0.08	25.683	0.046	1463.	1.4
26	25.9	3.953	32.348	6.96	0.08	25.682	0.051	1463.	1.6
28	28.1	3.970	32.354	6.96	0.08	25.685	0.056	1464.	1.6
30	29.8	3.980	32.360	6.95	0.08	25.688	0.059	1464.	1.9
32	32.1	3.992	32.362	6.93	0.08	25.689	0.065	1464.	2.1
34	33.9	4.010	32.369	6.93	0.08	25.692	0.069	1464.	2.1
36	36.1	4.017	32.369	6.91	0.08	25.692	0.074	1464.	2.0
38	37.9	4.070	32.389	6.89	0.08	25.703	0.078	1464.	2.0
40	40.0	4.073	32.390	6.88	0.08	25.703	0.083	1464.	2.5
42	42.0	4.090	32.391	6.88	0.08	25.702	0.087	1464.	3.6
44	43.9	4.130	32.397	6.86	0.08	25.703	0.092	1465.	4.4
46	46.0	4.174	32.409	6.83	0.08	25.708	0.096	1465.	5.0
48	47.9	4.354	32.461	6.77	0.07	25.731	0.101	1466.	5.4
50	50.3	4.569	32.552	6.69	0.07	25.782	0.106	1467.	5.6
51	51.9	4.712	32.597	6.64	0.07	25.802	0.110	1467.	5.5
54	54.1	4.785	32.629	6.62	0.07	25.820	0.114	1468.	5.2
56	56.0	4.837	32.645	6.62	0.07	25.826	0.119	1468.	4.7
57	58.0	4.877	32.665	6.59	0.07	25.838	0.123	1468.	4.3
60	60.0	4.912	32.672	6.57	0.07	25.840	0.127	1468.	4.3
61	62.0	4.984	32.695	6.55	0.06	25.850	0.131	1469.	4.5
63	63.9	5.056	32.728	6.51	0.06	25.868	0.136	1469.	4.6
66	66.1	5.176	32.772	6.48	0.06	25.889	0.140	1470.	4.6
67	68.0	5.237	32.801	6.46	0.06	25.906	0.144	1470.	4.6
69	70.0	5.281	32.823	6.43	0.06	25.918	0.148	1470.	4.7
71	72.0	5.323	32.840	6.42	0.06	25.927	0.153	1470.	4.7
73	74.0	5.361	32.848	6.40	0.06	25.928	0.157	1471.	4.7
75	76.0	5.427	32.879	6.36	0.06	25.945	0.161	1471.	4.6
77	77.9	5.556	32.934	6.32	0.06	25.974	0.165	1472.	4.5
79	80.0	5.619	32.969	6.28	0.06	25.994	0.169	1472.	4.3
81	82.0	5.695	32.987	6.25	0.06	25.999	0.173	1472.	4.0
83	84.0	5.727	32.999	6.23	0.06	26.005	0.177	1472.	4.2
85	86.1	5.757	33.001	6.22	0.06	26.003	0.181	1473.	4.7
87	87.9	5.803	33.015	6.19	0.06	26.009	0.185	1473.	5.3
89	90.0	5.974	33.050	6.15	0.06	26.016	0.189	1474.	5.8
91	92.0	6.227	33.165	6.06	0.05	26.075	0.193	1475.	6.0
93	94.1	6.514	33.261	5.95	0.05	26.113	0.197	1476.	6.1
95	96.0	6.622	33.310	5.89	0.05	26.138	0.200	1477.	5.9
97	97.9	6.661	33.327	5.86	0.05	26.146	0.204	1477.	5.6
99	100.2	6.759	33.363	5.84	0.05	26.162	0.208	1477.	5.1
101	101.7	6.795	33.375	5.56	0.05	26.166	0.211	1477.	4.8

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	78	13 FEB 1987	0306	42°40.0'N	67°12.1'W	265

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
103	104.2	6.912	33.417	5.37	0.05	26.184	0.216	1478.	5.2
105	105.9	6.993	33.453	5.32	0.05	26.201	0.219	1478.	5.5
107	108.1	7.176	33.518	5.24	0.05	26.227	0.223	1479.	5.8
109	110.0	7.283	33.549	5.20	0.05	26.237	0.226	1480.	5.9
111	112.0	7.561	33.661	5.11	0.05	26.286	0.230	1481.	6.8
113	114.1	7.619	33.694	5.07	0.05	26.304	0.233	1481.	7.2
115	115.9	7.642	33.720	5.03	0.05	26.321	0.236	1481.	7.7
117	118.0	7.707	33.756	4.99	0.06	26.340	0.240	1482.	7.8
119	119.9	8.053	33.971	4.87	0.06	26.458	0.243	1483.	7.6
121	122.0	8.095	33.994	4.85	0.07	26.470	0.247	1484.	7.4
123	123.9	8.076	34.052	4.84	0.07	26.518	0.249	1484.	7.4
125	126.1	8.038	34.059	4.85	0.08	26.529	0.253	1484.	7.2
127	127.9	8.114	34.088	4.83	0.07	26.541	0.256	1484.	6.5
129	130.0	8.132	34.099	4.82	0.07	26.547	0.259	1484.	6.4
131	132.1	8.343	34.259	4.76	0.07	26.641	0.262	1485.	6.0
133	133.9	8.389	34.287	4.75	0.07	26.656	0.264	1485.	5.7
135	136.1	8.399	34.291	4.74	0.06	26.657	0.267	1485.	5.1
137	137.9	8.400	34.308	4.73	0.06	26.670	0.270	1485.	4.7
139	140.0	8.393	34.305	4.73	0.06	26.669	0.273	1485.	4.1
141	142.0	8.378	34.309	4.72	0.06	26.674	0.276	1485.	4.6
143	144.0	8.364	34.311	4.42	0.06	26.678	0.278	1485.	5.0
145	146.1	8.367	34.356	4.37	0.06	26.713	0.281	1485.	5.2
147	148.0	8.403	34.403	4.33	0.06	26.744	0.284	1486.	5.2
149	150.1	8.444	34.439	4.28	0.06	26.767	0.286	1486.	5.0
151	151.9	8.467	34.454	4.22	0.06	26.774	0.289	1486.	4.6
153	154.1	8.486	34.469	4.22	0.06	26.783	0.292	1486.	3.9
155	155.9	8.490	34.471	4.21	0.06	26.784	0.294	1486.	3.8
157	158.0	8.491	34.476	4.21	0.07	26.788	0.297	1486.	4.0
159	160.0	8.498	34.490	4.21	0.07	26.798	0.299	1486.	4.5
161	161.9	8.507	34.500	4.21	0.07	26.805	0.301	1486.	4.9
163	164.2	8.578	34.564	4.19	0.07	26.844	0.304	1487.	5.3
165	165.9	8.593	34.580	4.18	0.06	26.854	0.306	1487.	5.5
167	168.1	8.650	34.631	4.16	0.06	26.885	0.309	1487.	5.5
169	169.9	8.664	34.640	4.15	0.06	26.889	0.311	1487.	5.2
171	171.9	8.666	34.683	4.15	0.07	26.923	0.314	1487.	4.7
173	174.0	8.662	34.688	4.15	0.07	26.928	0.316	1487.	4.4
175	176.0	8.680	34.707	4.15	0.07	26.940	0.318	1488.	4.2
177	178.0	8.697	34.715	4.15	0.07	26.944	0.321	1488.	4.0
179	180.0	8.709	34.723	4.14	0.06	26.948	0.323	1488.	3.9
180	182.0	8.705	34.736	4.15	0.06	26.958	0.325	1488.	4.0
182	184.0	8.707	34.765	4.15	0.06	26.981	0.327	1488.	4.0
184	185.9	8.714	34.771	4.15	0.06	26.984	0.329	1488.	4.1
187	188.3	8.711	34.791	4.15	0.06	27.001	0.332	1488.	3.9
188	189.9	8.711	34.797	4.14	0.06	27.006	0.334	1488.	3.7
190	192.1	8.703	34.806	4.14	0.06	27.013	0.336	1488.	3.5
192	194.1	8.689	34.814	4.14	0.06	27.022	0.338	1488.	3.4
194	196.0	8.691	34.815	4.14	0.06	27.022	0.340	1488.	3.3
196	198.1	8.660	34.827	4.14	0.06	27.037	0.342	1488.	3.4
198	200.0	8.651	34.831	4.14	0.07	27.042	0.344	1488.	3.3
200	202.0	8.641	34.835	4.15	0.07	27.046	0.347	1488.	3.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	78	13 FEB 1987	0306	42°40.0'N	67°12.1'W	265

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
202	203.9	8.632	34.844	4.15	0.07	27.055	0.348	1488.	3.0
204	206.1	8.626	34.854	4.15	0.07	27.063	0.351	1488.	2.6
206	207.9	8.626	34.856	4.14	0.07	27.065	0.353	1488.	2.4
208	210.0	8.630	34.860	4.14	0.07	27.068	0.355	1488.	2.2
210	212.1	8.632	34.861	4.15	0.07	27.068	0.357	1488.	2.2
212	213.9	8.635	34.862	4.15	0.08	27.068	0.359	1488.	2.4
214	216.0	8.636	34.869	4.15	0.08	27.074	0.361	1488.	2.8
216	217.8	8.636	34.872	4.15	0.08	27.076	0.363	1488.	3.0
218	220.1	8.594	34.878	4.16	0.09	27.087	0.365	1488.	3.1
220	221.9	8.578	34.885	4.16	0.10	27.096	0.367	1488.	3.1
222	224.1	8.514	34.885	4.17	0.11	27.105	0.369	1488.	2.9
224	225.9	8.510	34.885	4.17	0.11	27.106	0.371	1488.	2.7
226	228.2	8.482	34.881	4.18	0.12	27.107	0.373	1488.	2.3
228	229.9	8.480	34.885	4.18	0.12	27.111	0.375	1488.	1.9
230	232.1	8.454	34.884	4.18	0.13	27.114	0.377	1488.	1.6
232	233.9	8.444	34.884	4.18	0.14	27.115	0.379	1488.	1.4
234	236.0	8.444	34.884	4.18	0.14	27.115	0.381	1488.	1.2
236	238.0	8.443	34.883	4.18	0.14	27.115	0.383	1488.	0.9
238	239.9	8.443	34.884	4.18	0.14	27.115	0.385	1488.	0.6
240	242.1	8.442	34.884	4.18	0.14	27.115	0.387	1488.	0.5
242	243.9	8.443	34.884	4.18	0.14	27.115	0.389	1488.	0.5
244	246.0	8.441	34.884	4.18	0.14	27.116	0.391	1488.	0.5
246	248.1	8.441	34.884	4.19	0.14	27.116	0.393	1488.	0.5
247	249.3	8.441	34.884	4.19	0.14	27.116	0.394	1488.	0.4
248	250.0	8.441	34.884	4.19	0.14	27.116	0.395	1488.	0.4
249	251.0	8.441	34.884	4.20	0.14	27.116	0.396	1488.	-0.2
250	252.0	8.442	34.884	4.19	0.14	27.116	0.396	1488.	-0.2
251	253.0	8.442	34.884	4.20	0.14	27.116	0.398	1488.	0.2
252	254.0	8.442	34.884	4.20	0.14	27.116	0.398	1488.	0.1
253	255.0	8.442	34.884	4.19	0.14	27.116	0.400	1488.	0.1
254	256.0	8.442	34.884	4.19	0.14	27.116	0.400	1488.	0.1
255	256.9	8.442	34.884	4.19	0.14	27.116	0.401	1488.	0.1
256	258.0	8.442	34.884	4.17	0.14	27.116	0.402	1488.	0.1

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	79	13 FEB 1987	0900	42°20.6'N	65°54.6'W	228

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.4	2.202	31.465	7.67	0.10	25.126	0.000	1454.	0.3
4	4.0	2.205	31.466	7.67	0.10	25.127	0.005	1454.	0.3
6	6.0	2.203	31.466	7.67	0.10	25.126	0.010	1454.	0.3
8	8.0	2.207	31.465	7.68	0.10	25.126	0.016	1454.	0.3
10	10.0	2.209	31.466	7.69	0.10	25.126	0.022	1455.	0.3
12	11.9	2.208	31.466	7.69	0.10	25.127	0.027	1455.	0.1
14	14.1	2.208	31.465	7.69	0.10	25.126	0.033	1455.	0.3
16	16.0	2.209	31.467	7.69	0.10	25.127	0.039	1455.	0.5
18	18.0	2.206	31.466	7.70	0.10	25.127	0.044	1455.	0.6
20	20.1	2.206	31.465	7.69	0.10	25.126	0.050	1455.	0.9
22	22.1	2.212	31.467	7.70	0.10	25.127	0.056	1455.	1.2
24	24.0	2.216	31.468	7.69	0.10	25.128	0.061	1455.	1.3
26	26.1	2.222	31.470	7.69	0.10	25.128	0.067	1455.	1.8
28	27.9	2.235	31.476	7.68	0.10	25.132	0.072	1455.	2.2
30	30.0	2.244	31.478	7.67	0.10	25.133	0.078	1455.	2.4
32	32.1	2.260	31.480	7.65	0.10	25.134	0.084	1455.	2.6
34	34.1	2.295	31.499	7.64	0.10	25.146	0.090	1455.	3.0
36	36.0	2.310	31.507	7.62	0.10	25.152	0.095	1455.	3.5
38	37.9	2.318	31.510	7.63	0.11	25.154	0.100	1456.	3.8
40	39.9	2.343	31.521	7.60	0.10	25.161	0.106	1456.	3.9
42	42.1	2.427	31.552	7.57	0.10	25.179	0.112	1456.	3.8
44	44.0	2.487	31.584	7.55	0.10	25.200	0.117	1456.	3.7
46	46.0	2.498	31.588	7.50	0.10	25.203	0.123	1457.	3.6
48	48.0	2.507	31.592	7.48	0.10	25.205	0.128	1457.	3.2
50	50.1	2.520	31.597	7.48	0.10	25.208	0.134	1457.	2.7
52	52.1	2.534	31.603	7.53	0.10	25.211	0.140	1457.	2.9
54	54.0	2.600	31.625	7.57	0.10	25.224	0.145	1457.	3.6
55	55.9	2.575	31.617	7.57	0.10	25.219	0.150	1457.	4.1
58	58.0	2.579	31.622	7.57	0.10	25.223	0.156	1457.	4.5
59	60.0	2.671	31.669	7.54	0.09	25.254	0.161	1458.	4.9
61	61.9	2.874	31.726	7.43	0.09	25.283	0.166	1459.	5.2
63	64.0	2.931	31.740	7.40	0.09	25.289	0.172	1459.	5.3
66	66.1	2.996	31.770	7.36	0.09	25.308	0.177	1459.	5.4
67	68.0	3.098	31.809	7.33	0.09	25.331	0.183	1460.	5.7
69	70.0	3.167	31.839	7.27	0.09	25.349	0.188	1460.	5.9
71	72.0	3.217	31.850	7.22	0.09	25.353	0.193	1460.	6.3
73	74.1	3.327	31.902	7.17	0.10	25.385	0.198	1461.	6.4
75	76.1	3.495	32.001	7.10	0.10	25.448	0.204	1462.	7.1
77	77.9	3.611	32.022	7.02	0.10	25.455	0.208	1462.	8.7
79	80.0	3.766	32.082	6.93	0.12	25.488	0.213	1463.	10.1
81	82.0	3.926	32.118	6.85	0.12	25.501	0.218	1464.	11.3
83	84.0	4.355	32.314	6.69	0.11	25.614	0.223	1466.	11.9
85	86.0	4.988	32.636	6.44	0.06	25.803	0.228	1469.	12.1
87	88.0	5.620	32.886	6.21	0.05	25.929	0.232	1472.	11.9
89	90.0	6.394	33.143	5.93	0.04	26.036	0.236	1475.	11.1
91	92.0	6.525	33.214	5.88	0.04	26.075	0.240	1476.	9.6
93	94.0	6.585	33.243	5.86	0.04	26.090	0.244	1476.	8.0
95	96.0	6.703	33.286	5.81	0.04	26.109	0.248	1477.	7.0
97	98.0	6.830	33.340	5.77	0.04	26.134	0.252	1478.	6.7
99	100.1	6.921	33.379	5.75	0.04	26.153	0.255	1478.	6.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	79	13 FEB 1987	0900	42°20.6'N	65°54.6'W	228

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.2	7.082	33.457	5.65	0.04	26.192	0.259	1479.	6.9
103	104.0	7.250	33.536	5.29	0.04	26.231	0.263	1479.	7.0
105	105.6	7.462	33.635	5.21	0.04	26.280	0.265	1480.	7.0
107	108.0	7.455	33.639	5.20	0.04	26.284	0.270	1480.	6.8
109	109.9	7.622	33.718	5.15	0.04	26.322	0.273	1481.	6.3
111	112.1	7.752	33.778	5.11	0.04	26.351	0.277	1482.	5.9
113	113.9	7.827	33.831	5.07	0.04	26.382	0.280	1482.	5.9
115	115.9	7.796	33.830	5.06	0.04	26.385	0.283	1482.	6.0
117	118.0	7.864	33.850	5.03	0.04	26.391	0.286	1482.	5.7
119	120.0	8.099	33.929	4.95	0.04	26.419	0.290	1483.	5.5
121	121.9	8.171	34.017	4.91	0.04	26.476	0.293	1484.	5.5
123	124.0	8.207	34.032	4.89	0.04	26.483	0.296	1484.	5.6
125	126.1	8.317	34.057	4.84	0.04	26.486	0.299	1485.	5.6
127	128.0	8.435	34.096	4.79	0.04	26.499	0.302	1485.	5.3
129	129.9	8.485	34.145	4.77	0.04	26.529	0.305	1485.	5.7
131	132.0	8.538	34.174	4.74	0.03	26.544	0.308	1486.	6.3
133	134.0	8.670	34.226	4.68	0.03	26.564	0.311	1486.	6.6
135	136.0	8.728	34.254	4.65	0.03	26.578	0.314	1487.	6.7
137	138.0	9.009	34.429	4.57	0.03	26.670	0.317	1488.	6.6
139	139.9	9.103	34.451	4.53	0.03	26.672	0.320	1488.	6.6
141	142.1	9.162	34.495	4.51	0.03	26.697	0.323	1489.	6.5
143	144.1	9.244	34.537	4.48	0.03	26.716	0.325	1489.	6.5
145	146.0	9.263	34.557	4.46	0.03	26.729	0.328	1489.	6.4
147	148.0	9.356	34.617	4.43	0.02	26.761	0.331	1489.	6.8
149	149.9	9.449	34.676	4.40	0.02	26.791	0.333	1490.	7.4
151	152.0	9.537	34.754	4.37	0.02	26.839	0.336	1490.	8.0
153	154.0	9.627	34.826	4.34	0.02	26.879	0.338	1491.	8.3
155	155.9	9.620	34.854	4.07	0.02	26.902	0.340	1491.	8.3
157	157.9	9.611	34.952	3.98	0.02	26.981	0.343	1491.	8.1
159	159.9	9.756	35.064	3.91	0.01	27.044	0.345	1492.	7.7
161	162.0	9.747	35.086	3.90	0.01	27.063	0.347	1492.	7.4
163	164.0	9.718	35.113	3.89	0.01	27.088	0.349	1492.	6.9
165	166.1	9.735	35.135	3.87	0.01	27.103	0.351	1492.	6.1
167	168.1	9.765	35.179	3.86		27.132	0.353	1492.	5.8
169	170.0	9.645	35.183	3.88		27.156	0.355	1492.	5.6
171	172.0	9.596	35.191	3.89		27.170	0.357	1491.	5.5
173	174.0	9.547	35.196	3.90		27.182	0.358	1491.	5.2
175	176.0	9.328	35.189	3.95		27.213	0.360	1491.	4.8
176	178.0	9.276	35.182	3.96		27.216	0.362	1490.	4.6
179	180.1	9.183	35.186	3.97		27.234	0.364	1490.	4.7
180	181.9	8.980	35.144	4.01		27.235	0.365	1489.	4.4
182	184.0	8.936	35.148	4.02		27.245	0.367	1489.	4.2
185	186.1	8.760	35.138	4.06		27.265	0.369	1489.	4.1
186	187.9	8.562	35.131	4.11		27.291	0.370	1488.	4.2
188	189.9	8.520	35.100	4.13		27.273	0.372	1488.	4.1
190	192.0	8.421	35.103	4.15		27.291	0.374	1487.	4.2
192	194.1	8.343	35.096	4.18		27.297	0.375	1487.	4.2
194	196.1	8.238	35.106	4.21	0.01	27.321	0.377	1487.	4.4
196	198.0	8.120	35.078	4.24	0.01	27.317	0.379	1486.	4.7
198	200.0	7.951	35.079	4.27	0.01	27.343	0.380	1486.	4.5

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	79	13 FEB 1987	0900	42°20.6'N	65°54.6'W	228

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph

200	201.9	7.771	35.062	4.32	0.01	27.357	0.381	1485.	4.3
202	204.0	7.594	35.052	4.36	0.01	27.375	0.383	1484.	3.9
204	206.0	7.590	35.051	4.36	0.01	27.375	0.385	1484.	3.6
206	208.0	7.542	35.047	4.37	0.01	27.379	0.386	1484.	2.9
208	210.0	7.519	35.045	4.38	0.01	27.381	0.387	1484.	2.4
209	211.2	7.517	35.045	4.38	0.01	27.381	0.388	1484.	1.7
210	212.0	7.509	35.045	4.39	0.01	27.382	0.389	1484.	1.6
211	213.0	7.499	35.044	4.39	0.01	27.383	0.390	1484.	1.3
212	214.0	7.500	35.044	4.39	0.01	27.383	0.390	1484.	1.1
213	215.0	7.499	35.044	4.39	0.01	27.383	0.391	1484.	1.0
214	216.2	7.493	35.044	4.40	0.01	27.384	0.392	1484.	0.7
215	217.0	7.492	35.044	4.40	0.01	27.384	0.392	1484.	0.7
216	218.0	7.492	35.043	4.40	0.01	27.383	0.393	1484.	0.7
217	219.0	7.493	35.044	4.40	0.01	27.384	0.394	1484.	0.7
218	219.9	7.493	35.044	4.40	0.01	27.384	0.395	1484.	0.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	80	13 FEB 1987	1230	42°28.0'N	65°47.6'W	103

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.4	2.221	31.411	7.04	0.11	25.082	0.000	1454.	-0.2
4	4.0	2.224	31.412	7.05	0.11	25.082	0.005	1454.	-0.2
6	6.2	2.224	31.412	7.04	0.11	25.082	0.011	1454.	-0.2
8	7.9	2.224	31.412	7.04	0.11	25.082	0.016	1454.	-0.2
10	10.1	2.224	31.412	7.04	0.11	25.082	0.022	1455.	-0.2
12	11.9	2.224	31.412	7.04	0.11	25.082	0.027	1455.	-0.2
14	14.0	2.225	31.411	7.04	0.11	25.082	0.033	1455.	0.2
16	16.0	2.225	31.412	7.05	0.11	25.082	0.039	1455.	0.2
18	17.9	2.224	31.412	7.05	0.11	25.082	0.044	1455.	0.3
20	20.1	2.224	31.412	7.05	0.11	25.082	0.051	1455.	0.4
22	21.9	2.222	31.413	7.05	0.11	25.083	0.056	1455.	0.4
24	24.1	2.224	31.412	7.05	0.11	25.082	0.062	1455.	0.6
26	25.9	2.224	31.412	7.05	0.11	25.082	0.067	1455.	0.5
28	28.0	2.224	31.412	7.04	0.11	25.082	0.073	1455.	1.1
30	30.1	2.227	31.413	7.04	0.10	25.082	0.079	1455.	1.4
32	31.9	2.232	31.416	7.05	0.10	25.085	0.085	1455.	1.6
34	34.0	2.237	31.413	7.05	0.10	25.082	0.091	1455.	1.7
36	36.0	2.279	31.431	7.03	0.10	25.093	0.096	1455.	1.7
38	38.0	2.280	31.431	7.03	0.10	25.094	0.102	1455.	1.7
40	39.9	2.279	31.431	7.03	0.10	25.093	0.108	1455.	1.4
42	42.2	2.282	31.432	7.02	0.10	25.094	0.114	1455.	1.3
44	43.9	2.282	31.431	7.02	0.10	25.093	0.119	1455.	1.0
46	46.2	2.290	31.436	7.01	0.10	25.097	0.125	1455.	1.5
47	47.8	2.277	31.430	7.01	0.10	25.093	0.130	1455.	2.0
50	50.1	2.293	31.436	7.00	0.10	25.096	0.137	1456.	2.6
51	51.9	2.315	31.443	7.00	0.10	25.100	0.142	1456.	3.0
53	53.9	2.345	31.456	7.01	0.10	25.108	0.147	1456.	3.4
56	56.1	2.362	31.469	7.03	0.10	25.118	0.154	1456.	4.0
57	57.9	2.425	31.492	6.99	0.10	25.131	0.159	1456.	4.4
60	60.0	2.450	31.505	6.97	0.09	25.140	0.165	1456.	4.7
62	62.0	2.486	31.522	6.96	0.09	25.150	0.170	1457.	5.1
63	63.9	2.594	31.568	6.90	0.09	25.179	0.176	1457.	5.6
65	66.0	2.630	31.592	6.88	0.09	25.195	0.181	1457.	6.0
68	68.1	2.699	31.620	6.85	0.09	25.212	0.187	1458.	7.2
69	70.0	2.804	31.672	6.80	0.09	25.245	0.193	1458.	8.9
71	72.0	2.940	31.736	6.73	0.09	25.285	0.198	1459.	10.3
73	74.0	3.084	31.790	6.68	0.08	25.316	0.203	1460.	11.6
75	76.0	3.513	31.999	6.51	0.08	25.446	0.208	1462.	12.2
77	77.8	4.040	32.302	6.26	0.09	25.637	0.213	1465.	12.4
79	80.0	4.591	32.499	6.05	0.08	25.737	0.218	1467.	12.4
81	81.9	4.877	32.669	5.93	0.07	25.841	0.222	1469.	12.0
83	84.0	4.967	32.718	5.88	0.07	25.870	0.227	1469.	11.1
85	86.0	5.313	32.863	5.73	0.07	25.946	0.231	1471.	10.1
87	87.3	5.398	32.920	5.68	0.07	25.981	0.233	1471.	9.9
87	88.0	5.395	32.913	5.68	0.08	25.976	0.235	1471.	10.0
88	89.1	5.591	32.992	5.60	0.08	26.016	0.237	1472.	11.1
89	90.1	5.834	33.096	5.51	0.08	26.069	0.239	1473.	11.8
90	91.0	6.006	33.189	5.44	0.07	26.121	0.241	1474.	12.1
91	92.0	6.235	33.281	5.36	0.07	26.165	0.242	1475.	12.0
92	93.1	6.536	33.436	5.25	0.06	26.249	0.244	1476.	11.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	80	13 FEB 1987	1230	42°28.0'N	65°47.6'W	103

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
93	94.0	6.700	33.517	5.19	0.06	26.291	0.246	1477.	11.3
94	95.1	6.718	33.525	5.18	0.06	26.295	0.248	1477.	11.3
95	96.0	6.776	33.556	5.16	0.06	26.312	0.250	1478.	11.3
96	96.7	6.760	33.550	5.15	0.06	26.309	0.251	1477.	11.3

SHIP	CRUISE	STATION	DATE		EST	LATITUDE	LONGITUDE	DEPTH
OC	181	81	13 FEB	1987	1436	42°13.9'N	65°59.8'W	246

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.6	2.739	31.705	7.37	0.11	25.277	0.000	1457.	0.7
4	4.1	2.745	31.707	7.39	0.11	25.278	0.004	1457.	0.7
6	6.0	2.740	31.706	7.39	0.11	25.278	0.009	1457.	0.7
8	7.8	2.741	31.706	7.39	0.11	25.278	0.014	1457.	0.7
10	10.2	2.742	31.706	7.40	0.11	25.278	0.020	1457.	0.7
12	11.9	2.744	31.706	7.41	0.11	25.277	0.025	1457.	0.8
14	13.9	2.745	31.706	7.40	0.11	25.277	0.030	1457.	1.8
16	16.0	2.753	31.704	7.40	0.11	25.275	0.036	1457.	2.2
18	17.8	2.784	31.717	7.39	0.11	25.283	0.041	1457.	2.9
20	20.0	2.778	31.715	7.38	0.11	25.282	0.047	1458.	4.0
22	22.2	2.829	31.749	7.37	0.11	25.305	0.053	1458.	6.4
24	23.9	2.880	31.748	7.35	0.11	25.300	0.057	1458.	7.9
26	26.1	3.003	31.793	7.29	0.12	25.325	0.063	1459.	8.8
28	28.1	3.231	31.884	7.20	0.11	25.378	0.068	1460.	9.2
29	29.7	3.678	32.177	7.01	0.10	25.572	0.072	1462.	9.1
32	32.0	3.819	32.225	6.94	0.08	25.596	0.078	1463.	8.6
34	34.1	3.886	32.280	6.91	0.09	25.634	0.083	1463.	7.6
36	36.0	3.895	32.284	6.91	0.09	25.636	0.087	1463.	6.0
38	38.1	3.913	32.288	6.90	0.09	25.638	0.092	1463.	3.5
40	40.1	3.927	32.295	6.90	0.08	25.642	0.097	1463.	2.6
42	42.0	3.931	32.297	6.90	0.08	25.643	0.101	1464.	1.6
44	44.0	3.936	32.299	6.88	0.08	25.644	0.106	1464.	1.5
46	45.9	3.935	32.298	6.88	0.08	25.644	0.110	1464.	1.8
48	48.1	3.955	32.303	6.87	0.08	25.646	0.115	1464.	1.9
50	50.0	3.959	32.305	6.85	0.08	25.647	0.120	1464.	2.1
52	52.0	3.973	32.308	6.87	0.08	25.648	0.125	1464.	2.3
54	54.0	4.035	32.334	6.88	0.08	25.662	0.129	1464.	2.5
56	56.0	4.055	32.333	6.88	0.08	25.660	0.134	1464.	2.4
57	57.9	4.099	32.346	6.86	0.08	25.665	0.138	1465.	2.3
60	60.1	4.113	32.351	6.86	0.08	25.669	0.143	1465.	2.1
61	62.0	4.135	32.358	6.88	0.08	25.672	0.148	1465.	1.7
64	64.0	4.136	32.358	6.89	0.08	25.672	0.152	1465.	1.7
66	66.1	4.150	32.362	6.90	0.08	25.674	0.157	1465.	1.7
67	67.9	4.165	32.365	6.91	0.08	25.674	0.161	1465.	1.6
69	70.0	4.160	32.365	6.91	0.08	25.675	0.166	1465.	2.4
72	72.1	4.192	32.372	6.91	0.08	25.678	0.171	1465.	2.4
73	73.9	4.226	32.384	6.89	0.08	25.683	0.175	1465.	2.4
75	76.0	4.207	32.378	6.89	0.07	25.680	0.180	1465.	3.4
77	78.1	4.353	32.439	6.82	0.07	25.714	0.185	1466.	4.7
79	80.0	4.407	32.418	6.79	0.08	25.692	0.189	1466.	6.0
81	82.1	4.483	32.430	6.78	0.07	25.694	0.194	1467.	6.6
83	83.9	4.682	32.535	6.69	0.07	25.756	0.198	1468.	7.3
85	86.0	5.000	32.660	6.47	0.06	25.821	0.203	1469.	7.5
87	88.0	5.385	32.798	6.01	0.06	25.886	0.207	1471.	7.7
89	90.1	5.463	32.807	5.97	0.05	25.885	0.211	1471.	7.3
91	92.0	5.674	32.910	5.88	0.05	25.941	0.215	1472.	6.8
93	94.0	5.689	32.908	5.85	0.05	25.938	0.220	1472.	6.5
95	96.1	5.865	32.971	5.76	0.05	25.966	0.224	1473.	7.2
97	98.0	5.923	33.000	5.73	0.05	25.982	0.228	1474.	7.8
99	100.2	6.168	33.101	5.64	0.05	26.031	0.232	1475.	8.1

SHIP	CRUISE	STATION	DATE		EST	LATITUDE	LONGITUDE	DEPTH
OC	181	81	13 FEB	1987	1436	42°13.9'N	65°59.8'W	246

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph

101	101.7	6.374	33.173	5.51	0.05	26.062	0.235	1476.	8.3
103	104.1	7.048	33.446	5.21	0.04	26.188	0.240	1479.	8.3
105	106.1	7.179	33.496	5.16	0.04	26.210	0.243	1479.	8.3
107	108.0	7.261	33.545	5.13	0.04	26.237	0.247	1480.	7.8
109	110.0	7.307	33.570	5.10	0.04	26.250	0.250	1480.	7.1
111	112.1	7.438	33.649	5.06	0.04	26.294	0.254	1480.	6.1
113	113.9	7.562	33.728	5.01	0.04	26.339	0.257	1481.	5.8
115	116.0	7.570	33.741	5.01	0.04	26.348	0.261	1481.	5.3
117	118.0	7.579	33.751	4.99	0.04	26.354	0.264	1481.	4.8
119	120.0	7.593	33.762	4.97	0.04	26.361	0.267	1481.	4.4
121	122.0	7.603	33.775	4.96	0.04	26.370	0.271	1481.	5.0
123	124.0	7.619	33.786	4.94	0.04	26.376	0.274	1482.	6.1
125	126.0	7.646	33.812	4.92	0.04	26.393	0.277	1482.	7.1
127	128.0	7.703	33.858	4.89	0.05	26.420	0.281	1482.	8.2
129	130.1	7.862	33.995	4.84	0.05	26.505	0.284	1483.	9.0
131	131.9	7.954	34.072	4.81	0.04	26.552	0.287	1483.	9.6
133	134.1	7.964	34.147	4.79	0.04	26.610	0.290	1483.	10.1
135	136.0	7.750	34.237	4.85	0.04	26.711	0.292	1483.	10.3
137	138.0	7.650	34.275	4.87	0.04	26.756	0.295	1483.	10.0
139	140.0	7.517	34.313	4.90	0.04	26.805	0.298	1482.	9.5
141	142.2	7.223	34.404	4.97	0.03	26.918	0.300	1481.	8.8
143	143.9	7.141	34.425	4.99	0.03	26.947	0.302	1481.	8.1
145	146.0	7.048	34.436	5.01	0.03	26.968	0.305	1481.	8.2
147	148.1	7.002	34.444	5.02	0.03	26.981	0.307	1480.	8.7
149	150.1	6.939	34.453	5.04	0.03	26.996	0.309	1480.	9.5
151	152.0	6.787	34.491	5.14	0.03	27.047	0.311	1480.	10.4
153	153.8	6.562	34.592	5.22	0.03	27.157	0.313	1479.	11.0
155	156.1	6.374	34.712	5.28	0.02	27.277	0.315	1478.	11.1
157	157.9	6.070	34.818	5.38	0.02	27.400	0.316	1477.	10.8
159	160.0	5.905	34.851	5.43	0.02	27.447	0.317	1477.	10.0
161	161.9	5.787	34.878	5.46	0.01	27.483	0.319	1476.	8.6
163	164.0	5.670	34.897	5.49	0.01	27.513	0.320	1476.	7.1
165	166.0	5.606	34.929	5.23	0.01	27.546	0.321	1476.	5.6
167	168.0	5.609	34.939	5.12	0.01	27.554	0.322	1476.	4.6
169	170.2	5.626	34.945	5.11	0.01	27.556	0.323	1476.	3.7
170	171.8	5.639	34.950	5.11	0.01	27.559	0.324	1476.	2.8
173	174.0	5.646	34.956	5.10	0.01	27.563	0.325	1476.	2.0
175	176.1	5.648	34.958	5.09	0.01	27.564	0.327	1476.	1.9
177	178.0	5.646	34.959	5.09	0.01	27.565	0.328	1476.	1.8
178	179.9	5.645	34.961	5.08	0.01	27.567	0.329	1476.	1.8
181	182.0	5.642	34.964	5.07	0.01	27.570	0.330	1476.	1.7
182	183.9	5.638	34.966	5.05	0.01	27.572	0.331	1476.	1.6
184	186.0	5.638	34.969	5.04	0.01	27.574	0.332	1476.	1.5
186	187.9	5.637	34.970	5.02	0.01	27.575	0.333	1476.	1.3
188	190.0	5.634	34.970	5.00	0.01	27.575	0.334	1476.	1.1
190	191.9	5.632	34.971	5.00	0.01	27.576	0.335	1476.	0.9
192	194.0	5.630	34.970	5.00	0.01	27.576	0.336	1476.	0.7
194	195.9	5.628	34.970	5.00	0.01	27.576	0.337	1476.	0.7
196	197.9	5.628	34.970	5.00	0.01	27.576	0.338	1476.	0.7
198	200.0	5.625	34.970	4.99	0.01	27.576	0.339	1476.	0.6

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	81	13 FEB 1987	1436	42°13.9'N	65°59.8'W	246

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	202.1	5.619	34.970	5.00	0.01	27.577	0.340	1476.	0.7
203	204.4	5.618	34.970	5.00	0.01	27.577	0.342	1477.	0.6
204	205.8	5.617	34.970	5.01	0.01	27.578	0.342	1477.	0.6
206	208.1	5.616	34.970	5.01	0.01	27.578	0.343	1477.	0.5
208	209.9	5.617	34.971	5.01	0.01	27.578	0.344	1477.	0.3
210	212.0	5.618	34.970	5.01	0.01	27.578	0.346	1477.	0.2
212	214.2	5.619	34.970	5.01	0.01	27.577	0.347	1477.	0.2
214	215.9	5.618	34.970	5.02	0.01	27.578	0.348	1477.	0.3
216	218.0	5.618	34.970	5.02	0.01	27.578	0.349	1477.	0.4
218	220.3	5.618	34.971	5.01	0.01	27.578	0.350	1477.	0.6
220	222.0	5.618	34.971	5.01	0.01	27.578	0.351	1477.	0.7
222	224.0	5.615	34.971	5.01	0.01	27.578	0.352	1477.	0.7
224	226.2	5.612	34.970	5.01	0.01	27.578	0.353	1477.	0.7
225	227.2	5.608	34.971	5.01	0.01	27.579	0.354	1477.	0.7
226	228.0	5.605	34.970	5.01	0.01	27.579	0.354	1477.	0.7
227	229.0	5.604	34.970	5.01	0.01	27.579	0.355	1477.	0.5
228	230.0	5.604	34.970	5.01	0.01	27.579	0.355	1477.	0.2
229	231.0	5.604	34.970	5.01	0.01	27.579	0.356	1477.	-0.3
230	232.0	5.606	34.970	5.00	0.01	27.579	0.356	1477.	-0.2
231	233.0	5.606	34.970	5.00	0.01	27.579	0.357	1477.	-0.2
232	234.1	5.606	34.970	4.99	0.01	27.579	0.357	1477.	-0.2
233	235.0	5.605	34.970	4.99	0.01	27.579	0.358	1477.	-0.2
234	235.7	5.606	34.970	4.99	0.01	27.579	0.358	1477.	-0.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	82	13 FEB 1987	1552	42°08.1'N	66°05.1'W	211

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.5	3.219	32.047	7.17	0.13	25.510	0.000	1460.	4.2
4	3.9	3.215	32.045	7.19	0.13	25.508	0.003	1460.	4.2
6	5.9	3.220	32.046	7.19	0.13	25.509	0.008	1460.	4.2
8	8.0	3.250	32.056	7.18	0.12	25.514	0.014	1460.	4.2
10	9.9	3.256	32.057	7.18	0.12	25.515	0.018	1460.	4.2
12	12.1	3.310	32.077	7.16	0.12	25.525	0.024	1460.	4.9
14	13.9	3.391	32.105	7.12	0.12	25.541	0.028	1461.	5.4
16	16.2	3.532	32.139	7.07	0.11	25.555	0.034	1461.	5.7
18	17.9	3.712	32.239	7.00	0.11	25.618	0.038	1462.	5.8
20	20.1	3.825	32.274	6.96	0.11	25.635	0.043	1463.	5.7
22	22.0	3.871	32.288	6.94	0.10	25.642	0.047	1463.	5.3
24	23.8	3.953	32.316	6.91	0.10	25.656	0.051	1463.	4.7
26	26.0	4.033	32.344	6.88	0.10	25.671	0.057	1464.	3.8
28	28.2	4.072	32.359	6.86	0.10	25.679	0.062	1464.	3.4
30	29.9	4.094	32.366	6.84	0.09	25.682	0.065	1464.	3.1
32	32.1	4.116	32.374	6.83	0.09	25.687	0.071	1464.	2.6
34	34.0	4.142	32.380	6.82	0.09	25.689	0.075	1464.	2.2
36	36.1	4.161	32.387	6.81	0.09	25.692	0.080	1465.	2.0
38	37.9	4.163	32.388	6.80	0.09	25.693	0.084	1465.	1.8
40	39.8	4.193	32.396	6.79	0.08	25.696	0.088	1465.	1.7
42	42.2	4.209	32.401	6.78	0.08	25.698	0.094	1465.	1.7
44	43.9	4.213	32.402	6.77	0.08	25.699	0.098	1465.	1.7
46	46.3	4.235	32.406	6.76	0.08	25.700	0.103	1465.	2.4
48	47.9	4.250	32.412	6.75	0.08	25.703	0.107	1465.	3.5
50	50.0	4.268	32.418	6.75	0.08	25.706	0.112	1465.	5.1
52	52.0	4.296	32.422	6.75	0.08	25.707	0.116	1465.	6.3
54	54.0	4.486	32.484	6.67	0.07	25.736	0.121	1466.	7.3
56	56.0	4.864	32.594	6.49	0.06	25.783	0.125	1468.	7.9
57	57.9	5.239	32.746	6.36	0.05	25.862	0.129	1470.	8.3
60	60.0	5.518	32.844	6.27	0.05	25.907	0.134	1471.	8.3
61	61.9	5.729	32.931	6.21	0.05	25.951	0.138	1472.	7.8
64	64.2	5.836	33.000	6.18	0.05	25.992	0.142	1473.	6.9
65	65.9	5.819	33.029	6.18	0.06	26.018	0.146	1473.	5.9
67	68.0	5.806	33.043	6.19	0.06	26.030	0.150	1473.	4.9
70	70.1	5.823	33.050	6.19	0.06	26.034	0.154	1473.	4.1
72	72.1	5.828	33.057	6.20	0.06	26.039	0.158	1473.	3.3
73	74.0	5.819	33.059	6.20	0.06	26.041	0.162	1473.	2.9
76	76.2	5.820	33.066	6.21	0.06	26.046	0.166	1473.	2.8
77	78.0	5.814	33.074	6.21	0.06	26.054	0.169	1473.	2.9
79	79.9	5.846	33.087	6.19	0.06	26.060	0.173	1473.	3.0
82	82.2	5.887	33.100	6.18	0.06	26.066	0.178	1473.	3.1
83	83.9	5.919	33.108	6.16	0.06	26.068	0.181	1473.	3.3
85	86.1	5.956	33.123	6.16	0.06	26.075	0.185	1474.	3.4
87	88.0	5.995	33.139	6.14	0.06	26.083	0.189	1474.	3.4
89	90.0	6.078	33.168	6.11	0.06	26.095	0.193	1474.	3.5
91	92.2	6.115	33.184	6.10	0.06	26.104	0.197	1474.	3.3
93	93.7	6.168	33.201	6.08	0.06	26.111	0.200	1475.	3.0
95	96.3	6.194	33.215	6.07	0.06	26.118	0.205	1475.	2.7
97	97.9	6.195	33.216	6.06	0.06	26.119	0.208	1475.	2.3
99	100.1	6.196	33.216	6.06	0.06	26.118	0.212	1475.	2.0

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	82	13 FEB 1987	1552	42°08.1'N	66°05.1'W	211

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	101.9	6.197	33.218	6.06	0.06	26.120	0.215	1475.	1.9
103	104.1	6.205	33.224	6.05	0.06	26.124	0.219	1475.	1.9
105	105.9	6.213	33.229	6.05	0.06	26.127	0.223	1475.	2.0
107	107.9	6.216	33.231	6.07	0.06	26.128	0.227	1475.	2.2
109	110.0	6.222	33.236	6.16	0.06	26.131	0.231	1475.	2.3
111	112.1	6.227	33.244	6.17	0.06	26.137	0.235	1475.	2.7
113	113.8	6.230	33.246	6.16	0.06	26.138	0.238	1475.	3.5
115	116.1	6.272	33.258	6.13	0.06	26.142	0.242	1476.	4.3
117	118.0	6.314	33.275	5.98	0.06	26.150	0.246	1476.	4.9
119	119.8	6.404	33.313	5.66	0.06	26.169	0.249	1476.	5.4
121	122.1	6.579	33.387	5.58	0.06	26.205	0.253	1477.	5.8
123	123.9	6.685	33.438	5.52	0.07	26.231	0.256	1477.	6.2
125	126.2	6.787	33.479	5.44	0.07	26.250	0.261	1478.	6.4
127	127.9	6.895	33.524	5.37	0.07	26.271	0.264	1478.	6.4
129	130.0	6.965	33.569	5.31	0.07	26.297	0.267	1479.	6.7
131	132.0	7.007	33.630	5.26	0.07	26.339	0.271	1479.	7.2
133	134.0	7.039	33.673	5.21	0.07	26.368	0.274	1479.	7.9
135	136.0	7.064	33.694	5.18	0.07	26.382	0.277	1479.	8.9
137	137.8	7.166	33.792	5.13	0.07	26.444	0.280	1480.	9.6
139	140.0	7.265	33.894	5.10	0.07	26.511	0.284	1481.	9.7
141	142.0	7.331	33.982	5.04	0.07	26.571	0.287	1481.	9.5
143	144.1	7.488	34.196	4.94	0.08	26.717	0.290	1482.	9.0
145	145.7	7.516	34.241	4.91	0.08	26.749	0.292	1482.	7.8
147	148.1	7.523	34.251	4.91	0.08	26.756	0.295	1482.	6.5
149	150.1	7.516	34.250	4.92	0.08	26.755	0.298	1482.	4.8
151	152.0	7.520	34.253	4.92	0.08	26.757	0.300	1482.	2.4
153	154.3	7.527	34.254	4.91	0.08	26.757	0.303	1482.	1.4
155	155.8	7.532	34.256	4.90	0.08	26.758	0.305	1482.	1.2
157	158.1	7.530	34.257	4.90	0.08	26.759	0.308	1482.	1.5
158	159.8	7.524	34.259	4.90	0.08	26.761	0.310	1482.	1.9
161	162.0	7.525	34.258	4.89	0.08	26.761	0.313	1482.	2.3
163	164.2	7.527	34.260	4.89	0.08	26.762	0.316	1482.	2.7
164	165.8	7.529	34.270	4.88	0.08	26.770	0.318	1482.	3.8
167	168.2	7.518	34.280	4.88	0.08	26.779	0.321	1483.	4.6
169	170.1	7.504	34.284	4.89	0.08	26.784	0.324	1482.	5.2
171	172.1	7.471	34.296	4.93	0.08	26.798	0.326	1482.	5.8
172	173.9	7.367	34.350	5.02	0.07	26.855	0.328	1482.	6.3
174	175.9	7.346	34.367	5.03	0.07	26.872	0.331	1482.	7.3
177	178.1	7.329	34.386	5.03	0.07	26.889	0.333	1482.	8.3
178	179.7	7.294	34.423	4.80	0.07	26.924	0.335	1482.	9.6
181	182.1	7.253	34.468	4.67	0.07	26.965	0.338	1482.	10.4
182	183.9	7.148	34.583	4.69	0.06	27.070	0.340	1482.	11.0
184	186.0	7.064	34.690	4.70	0.05	27.166	0.342	1482.	11.2
187	188.1	6.791	34.850	4.76	0.05	27.330	0.344	1481.	11.1
188	190.0	6.693	34.890	4.78	0.05	27.375	0.345	1480.	10.6
190	192.0	6.615	34.922	4.79	0.05	27.410	0.346	1480.	9.4
192	193.2	6.607	34.926	4.79	0.05	27.415	0.347	1480.	7.8
192	193.9	6.606	34.927	4.79	0.05	27.415	0.348	1480.	5.2
193	194.9	6.609	34.926	4.78	0.05	27.414	0.348	1480.	4.0
194	196.0	6.600	34.930	4.77	0.05	27.419	0.349	1480.	3.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	82	13 FEB 1987	1552	42°08.1'N	66°05.1'W	211

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
195	197.0	6.596	34.932	4.77	0.05	27.421	0.350	1480.	3.2
196	198.0	6.590	34.936	4.77	0.05	27.425	0.351	1480.	3.2
197	199.1	6.575	34.946	4.75	0.05	27.435	0.351	1480.	3.2
198	200.0	6.574	34.947	4.74	0.05	27.436	0.352	1480.	3.2
199	201.0	6.574	34.947	4.71	0.05	27.435	0.353	1480.	3.2
200	201.9	6.578	34.946	4.71	0.05	27.435	0.353	1480.	3.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	83	13 FEB 1987	1715	42°01.8'N	66°11.6'W	93

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.5	3.120	31.993	6.46	0.12	25.475	0.000	1459.	1.8
4	3.8	3.127	31.991	6.42	0.12	25.473	0.003	1459.	1.8
6	5.9	3.142	31.998	6.43	0.12	25.477	0.009	1459.	1.8
8	8.0	3.136	31.994	6.43	0.11	25.474	0.014	1459.	1.8
10	9.9	3.152	32.000	6.42	0.11	25.478	0.019	1459.	1.8
12	11.9	3.164	32.004	6.42	0.11	25.480	0.024	1459.	2.3
14	13.8	3.175	32.008	6.41	0.11	25.483	0.028	1459.	2.7
16	16.2	3.189	32.016	6.42	0.11	25.487	0.034	1460.	3.2
18	17.9	3.196	32.018	6.42	0.11	25.489	0.038	1460.	3.7
20	19.9	3.255	32.050	6.41	0.11	25.509	0.043	1460.	4.3
22	22.2	3.297	32.060	6.40	0.10	25.513	0.049	1460.	5.0
24	23.9	3.351	32.086	6.38	0.10	25.529	0.053	1461.	6.0
26	26.1	3.449	32.126	6.36	0.10	25.552	0.059	1461.	6.7
28	27.9	3.535	32.164	6.33	0.10	25.574	0.063	1461.	7.5
30	29.9	3.673	32.233	6.29	0.10	25.617	0.068	1462.	8.0
32	32.1	3.942	32.357	6.19	0.10	25.690	0.073	1463.	8.1
33	33.7	4.114	32.413	6.13	0.09	25.717	0.076	1464.	7.9
36	36.2	4.402	32.542	6.05	0.09	25.791	0.082	1466.	7.5
37	37.8	4.493	32.569	6.01	0.08	25.803	0.085	1466.	6.9
40	40.2	4.590	32.614	5.99	0.08	25.828	0.091	1467.	6.6
42	42.1	4.649	32.637	5.96	0.09	25.841	0.095	1467.	7.0
44	44.0	4.686	32.656	5.94	0.08	25.851	0.099	1467.	7.3
45	45.8	4.769	32.705	5.92	0.08	25.881	0.103	1468.	7.8
48	48.1	5.024	32.817	5.84	0.08	25.942	0.108	1469.	7.9
50	50.1	5.315	32.966	5.75	0.08	26.027	0.112	1470.	7.8
52	52.1	5.551	33.044	5.68	0.08	26.061	0.115	1471.	7.4
53	53.9	5.661	33.092	5.65	0.08	26.087	0.119	1472.	6.6
56	56.0	5.734	33.115	5.62	0.08	26.096	0.123	1472.	5.5
58	58.1	5.761	33.128	5.60	0.08	26.103	0.127	1472.	4.3
59	59.7	5.790	33.142	5.58	0.08	26.111	0.130	1473.	3.7
62	62.3	5.838	33.167	5.58	0.08	26.125	0.135	1473.	3.2
63	63.9	5.870	33.179	5.56	0.08	26.130	0.138	1473.	3.0
65	66.0	5.885	33.185	5.55	0.08	26.133	0.142	1473.	2.6
67	67.9	5.897	33.188	5.56	0.07	26.134	0.145	1473.	2.2
70	70.3	5.904	33.192	5.57	0.08	26.136	0.150	1473.	1.8
71	71.8	5.913	33.198	5.56	0.08	26.140	0.153	1473.	1.6
74	74.2	5.915	33.198	5.57	0.07	26.140	0.157	1473.	1.4
75	75.2	5.913	33.196	5.56	0.07	26.138	0.159	1473.	1.3
75	75.9	5.915	33.197	5.57	0.08	26.139	0.161	1473.	1.2
77	77.2	5.917	33.200	5.57	0.07	26.141	0.163	1473.	1.1
77	77.9	5.921	33.200	5.57	0.07	26.141	0.164	1473.	1.4
78	79.0	5.922	33.201	5.57	0.07	26.141	0.166	1473.	1.5
79	79.9	5.925	33.203	5.57	0.07	26.142	0.168	1473.	1.5
80	81.0	5.927	33.204	5.58	0.07	26.143	0.170	1474.	1.3
81	81.9	5.928	33.205	5.57	0.07	26.143	0.172	1474.	1.3
82	83.0	5.932	33.207	5.58	0.08	26.144	0.174	1474.	1.3
83	84.0	5.932	33.206	5.58	0.07	26.144	0.176	1474.	1.3
84	85.0	5.934	33.206	5.58	0.08	26.144	0.178	1474.	1.3
85	85.7	5.932	33.207	5.58	0.08	26.144	0.179	1474.	1.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	84	13 FEB 1987	2059	42°24.5'N	66°20.4'W	260

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
4	4.0	2.539	31.609	7.47	0.11	25.216	0.000	1456.	0.8
6	6.1	2.538	31.608	7.46	0.11	25.216	0.006	1456.	0.8
8	7.9	2.540	31.609	7.47	0.11	25.216	0.011	1456.	0.8
10	10.0	2.539	31.611	7.46	0.11	25.217	0.017	1456.	0.8
12	12.1	2.549	31.613	7.46	0.11	25.219	0.022	1456.	0.8
14	14.0	2.556	31.614	7.47	0.11	25.219	0.027	1456.	1.1
16	16.0	2.557	31.614	7.47	0.11	25.219	0.033	1456.	1.2
18	18.0	2.561	31.615	7.46	0.11	25.219	0.039	1456.	1.4
20	20.0	2.554	31.612	7.46	0.11	25.217	0.044	1456.	2.6
22	21.9	2.592	31.627	7.44	0.11	25.226	0.049	1457.	4.1
24	24.0	2.580	31.621	7.43	0.11	25.223	0.055	1457.	5.0
26	26.0	2.618	31.634	7.42	0.11	25.230	0.060	1457.	5.8
28	28.0	2.767	31.703	7.37	0.11	25.273	0.066	1458.	6.3
30	30.0	2.871	31.790	7.32	0.11	25.334	0.071	1458.	6.4
32	32.0	2.906	31.806	7.31	0.11	25.344	0.076	1458.	6.4
34	34.0	2.981	31.854	7.26	0.10	25.376	0.082	1459.	5.8
36	36.0	3.013	31.879	7.26	0.10	25.393	0.087	1459.	4.9
38	37.9	3.029	31.894	7.25	0.10	25.404	0.092	1459.	4.0
40	40.0	3.031	31.895	7.24	0.10	25.405	0.097	1459.	3.5
42	42.0	3.035	31.897	7.23	0.10	25.406	0.102	1459.	2.9
44	44.0	3.049	31.903	7.23	0.10	25.410	0.107	1459.	2.7
46	46.0	3.059	31.912	7.23	0.09	25.416	0.112	1459.	2.7
47	47.8	3.086	31.925	7.22	0.09	25.424	0.117	1460.	3.1
50	50.0	3.095	31.931	7.21	0.09	25.428	0.123	1460.	3.1
51	51.8	3.105	31.936	7.21	0.09	25.431	0.127	1460.	3.2
54	54.3	3.130	31.951	7.22	0.09	25.441	0.134	1460.	3.2
55	55.8	3.157	31.976	7.20	0.09	25.458	0.137	1460.	3.0
57	57.8	3.170	31.966	7.19	0.09	25.449	0.142	1460.	3.4
59	59.9	3.179	31.981	7.19	0.09	25.460	0.148	1460.	3.7
61	61.9	3.209	31.992	7.17	0.09	25.466	0.153	1460.	3.8
63	64.0	3.227	31.991	7.17	0.09	25.465	0.158	1461.	4.7
65	65.9	3.377	32.052	7.12	0.09	25.499	0.163	1461.	5.7
67	68.0	3.364	32.062	7.12	0.09	25.509	0.168	1461.	7.2
70	70.1	3.416	32.079	7.10	0.09	25.518	0.173	1462.	8.9
71	72.1	3.586	32.193	7.03	0.09	25.593	0.178	1462.	9.7
73	74.0	3.996	32.281	6.87	0.08	25.624	0.182	1464.	10.1
76	76.3	4.681	32.565	6.62	0.07	25.780	0.188	1468.	10.3
77	77.8	4.919	32.766	6.53	0.07	25.913	0.191	1469.	10.0
79	80.1	5.081	32.777	6.46	0.07	25.904	0.196	1470.	9.3
81	82.0	5.211	32.831	6.41	0.07	25.932	0.200	1470.	8.3
83	84.0	5.473	32.930	6.32	0.06	25.980	0.204	1471.	6.5
86	86.3	5.574	32.990	6.28	0.06	26.016	0.208	1472.	5.2
87	87.7	5.612	33.004	6.25	0.06	26.023	0.211	1472.	4.7
89	90.0	5.611	33.006	6.23	0.06	26.024	0.216	1472.	3.7
91	92.0	5.612	33.005	6.22	0.06	26.024	0.220	1472.	2.6
93	93.9	5.612	33.005	6.22	0.06	26.024	0.223	1472.	2.0
95	96.2	5.631	33.009	6.21	0.06	26.025	0.228	1472.	2.4
97	97.7	5.795	33.038	6.16	0.05	26.028	0.231	1473.	3.0
99	100.2	6.030	33.087	6.10	0.05	26.038	0.236	1474.	3.3
101	102.1	6.248	33.129	5.80	0.04	26.044	0.240	1475.	3.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	84	13 FEB 1987	2059	42°24.5'N	66°20.4'W	260

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
103	103.8	6.464	33.184	5.61	0.04	26.059	0.243	1476.	4.0
105	106.1	6.588	33.220	5.56	0.04	26.072	0.247	1477.	4.0
107	108.1	6.734	33.253	5.51	0.04	26.079	0.251	1477.	4.0
109	110.0	6.729	33.266	5.52	0.04	26.089	0.255	1477.	3.8
111	111.9	6.798	33.299	5.49	0.04	26.106	0.259	1478.	3.4
113	114.0	6.884	33.319	5.47	0.04	26.111	0.263	1478.	3.2
115	116.0	6.969	33.335	5.43	0.04	26.112	0.266	1478.	2.8
117	117.9	6.970	33.339	5.42	0.04	26.115	0.270	1478.	2.4
119	120.2	6.917	33.336	5.41	0.04	26.120	0.274	1478.	2.3
121	121.8	6.858	33.329	5.40	0.05	26.122	0.277	1478.	2.4
123	124.0	6.835	33.323	5.38	0.05	26.120	0.282	1478.	2.8
125	126.1	6.749	33.317	5.39	0.05	26.127	0.286	1478.	3.2
127	128.0	6.832	33.343	5.33	0.05	26.137	0.289	1478.	3.6
129	130.0	6.803	33.343	5.29	0.05	26.141	0.293	1478.	4.4
131	132.0	6.822	33.366	5.25	0.05	26.156	0.297	1478.	5.4
133	134.0	6.746	33.373	5.26	0.05	26.171	0.300	1478.	5.9
135	136.1	7.061	33.439	5.17	0.05	26.181	0.304	1479.	6.2
137	138.0	7.271	33.542	5.11	0.05	26.234	0.308	1480.	6.4
139	139.9	7.439	33.639	5.06	0.05	26.286	0.311	1481.	6.2
141	142.0	7.549	33.669	5.03	0.05	26.294	0.315	1481.	6.0
143	144.1	7.655	33.716	5.00	0.05	26.316	0.318	1482.	5.9
145	146.0	7.725	33.741	4.97	0.05	26.326	0.322	1482.	5.6
147	148.1	7.740	33.754	4.96	0.04	26.333	0.325	1482.	5.7
149	150.0	7.793	33.785	4.94	0.04	26.351	0.328	1483.	6.5
151	151.8	7.922	33.861	4.91	0.04	26.391	0.331	1483.	6.7
153	154.0	8.194	33.952	4.84	0.04	26.422	0.335	1484.	7.2
155	156.1	8.369	34.038	4.79	0.04	26.463	0.338	1485.	7.7
156	157.7	8.470	34.140	4.76	0.04	26.528	0.341	1486.	7.8
159	159.9	8.518	34.127	4.74	0.04	26.510	0.344	1486.	7.7
161	162.0	8.575	34.234	4.72	0.04	26.585	0.347	1486.	7.4
163	164.0	8.507	34.288	4.74	0.04	26.638	0.350	1486.	6.8
165	166.2	8.440	34.305	4.75	0.04	26.662	0.353	1486.	6.1
166	167.8	8.402	34.317	4.76	0.04	26.677	0.356	1486.	5.8
169	170.0	8.399	34.318	4.76	0.04	26.678	0.359	1486.	4.7
171	172.0	8.402	34.331	4.63	0.04	26.688	0.361	1486.	3.9
173	174.2	8.404	34.344	4.42	0.04	26.698	0.364	1486.	3.6
174	175.9	8.422	34.365	4.41	0.04	26.711	0.367	1486.	3.9
177	178.0	8.431	34.370	4.41	0.04	26.715	0.370	1486.	5.3
178	179.9	8.452	34.378	4.40	0.04	26.718	0.372	1486.	7.2
181	182.1	8.486	34.402	4.39	0.04	26.731	0.375	1487.	8.4
183	184.2	8.489	34.448	4.38	0.04	26.766	0.378	1487.	9.3
184	185.9	8.284	34.536	4.41	0.03	26.867	0.380	1486.	10.2
186	188.0	7.947	34.665	4.48	0.03	27.019	0.382	1485.	10.7
188	190.1	7.825	34.678	4.50	0.03	27.047	0.385	1485.	10.6
190	192.1	7.589	34.711	4.55	0.03	27.108	0.387	1484.	10.3
193	194.3	7.299	34.764	4.61	0.02	27.191	0.389	1483.	9.7
194	195.9	7.157	34.798	4.63	0.02	27.238	0.390	1482.	8.8
196	198.0	7.060	34.794	4.65	0.02	27.248	0.392	1482.	8.5
198	199.9	6.756	34.846	4.68	0.02	27.331	0.393	1481.	8.0
200	202.0	6.544	34.866	4.73	0.02	27.376	0.395	1480.	7.5

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	84	13 FEB 1987	2059	42°24.5'N	66°20.4'W	260

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
202	204.0	6.538	34.861	4.74	0.02	27.373	0.396	1480.	7.1
204	206.0	6.433	34.877	4.77	0.02	27.399	0.398	1480.	6.7
206	207.9	6.278	34.914	4.81	0.02	27.449	0.399	1479.	5.9
208	210.0	6.170	34.922	4.84	0.02	27.469	0.400	1479.	5.4
210	212.1	6.122	34.926	4.85	0.02	27.479	0.402	1479.	5.0
212	213.9	6.057	34.936	4.87	0.02	27.495	0.403	1478.	4.2
214	215.9	6.050	34.936	4.87	0.02	27.496	0.404	1478.	3.3
216	218.0	6.044	34.936	4.87	0.02	27.497	0.405	1478.	2.8
218	220.0	6.022	34.940	4.87	0.02	27.502	0.407	1478.	2.5
220	222.2	6.007	34.943	4.87	0.02	27.507	0.408	1478.	2.0
222	224.0	5.990	34.947	4.88	0.03	27.513	0.409	1478.	1.8
224	226.0	5.993	34.947	4.88	0.03	27.512	0.410	1478.	1.6
226	227.9	5.997	34.946	4.88	0.03	27.511	0.411	1478.	1.2
228	230.0	5.995	34.947	4.88	0.03	27.511	0.413	1478.	0.7
230	232.1	5.996	34.946	4.88	0.03	27.511	0.414	1478.	0.4
232	234.2	5.993	34.947	4.88	0.03	27.512	0.415	1478.	0.5
234	236.1	5.994	34.948	4.88	0.03	27.512	0.416	1479.	0.5
236	238.0	5.995	34.947	4.88	0.03	27.512	0.417	1479.	0.5
238	239.9	5.995	34.948	4.88	0.03	27.513	0.419	1479.	0.5
240	242.0	5.995	34.947	4.88	0.03	27.512	0.420	1479.	0.4
241	243.2	5.995	34.947	4.88	0.03	27.512	0.420	1479.	0.6
242	244.0	5.994	34.948	4.88	0.03	27.513	0.421	1479.	0.7
243	245.0	5.993	34.948	4.88	0.03	27.513	0.422	1479.	0.8
244	246.1	5.993	34.948	4.88	0.03	27.513	0.422	1479.	0.9
245	247.0	5.991	34.949	4.88	0.03	27.514	0.423	1479.	0.8
246	248.0	5.991	34.949	4.88	0.03	27.513	0.423	1479.	0.5
247	249.1	5.992	34.949	4.88	0.03	27.513	0.424	1479.	0.2
248	250.0	5.993	34.949	4.89	0.03	27.513	0.425	1479.	0.2
249	251.0	5.994	34.949	4.89	0.03	27.513	0.425	1479.	0.2
250	252.1	5.994	34.948	4.89	0.03	27.513	0.426	1479.	0.2
251	252.9	5.995	34.948	4.88	0.03	27.513	0.426	1479.	0.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	85	14 FEB 1987	0051	42°27.6'N	66°47.0'W	335

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.4	2.704	31.861	6.66	0.12	25.404	0.000	1457.	4.1
4	3.7	2.704	31.862	6.73	0.12	25.405	0.003	1457.	4.1
6	6.1	2.699	31.862	6.76	0.12	25.405	0.009	1457.	4.1
8	8.1	2.686	31.859	6.78	0.12	25.404	0.015	1457.	4.1
10	9.8	2.686	31.859	6.78	0.12	25.404	0.019	1457.	4.1
12	12.1	2.689	31.860	6.79	0.12	25.404	0.025	1457.	6.2
14	14.0	2.733	31.879	6.78	0.12	25.417	0.030	1457.	8.1
16	16.0	2.839	31.921	6.73	0.12	25.441	0.035	1458.	9.5
18	18.0	3.251	32.071	6.59	0.12	25.526	0.040	1460.	10.1
20	20.0	3.648	32.294	6.45	0.12	25.668	0.045	1462.	10.3
22	22.0	4.002	32.449	6.32	0.11	25.757	0.049	1464.	10.0
24	24.1	4.331	32.586	6.21	0.10	25.833	0.054	1465.	9.3
26	25.9	4.388	32.600	6.19	0.09	25.838	0.058	1466.	8.2
28	28.2	4.453	32.621	6.18	0.09	25.848	0.062	1466.	6.8
30	29.9	4.548	32.656	6.14	0.09	25.867	0.066	1466.	5.8
32	32.3	4.833	32.748	6.06	0.08	25.909	0.071	1468.	5.1
34	33.9	4.945	32.795	6.01	0.08	25.934	0.075	1468.	5.0
36	36.3	4.955	32.799	6.01	0.08	25.936	0.079	1468.	4.7
38	37.9	4.962	32.805	6.00	0.08	25.939	0.083	1468.	4.2
40	40.1	4.986	32.816	5.99	0.08	25.946	0.087	1469.	3.6
42	42.0	5.024	32.835	5.98	0.08	25.957	0.091	1469.	3.2
44	44.0	5.054	32.853	5.98	0.08	25.967	0.095	1469.	3.2
46	46.2	5.103	32.870	5.97	0.08	25.975	0.100	1469.	3.1
47	47.8	5.120	32.874	5.96	0.08	25.977	0.103	1469.	3.0
50	50.1	5.137	32.880	5.96	0.07	25.979	0.108	1469.	2.9
51	51.8	5.152	32.885	5.95	0.07	25.982	0.111	1469.	2.8
54	54.0	5.194	32.903	5.94	0.07	25.992	0.115	1470.	2.7
55	55.9	5.233	32.916	5.92	0.07	25.997	0.119	1470.	2.7
58	58.0	5.261	32.927	5.92	0.07	26.002	0.124	1470.	2.7
60	60.1	5.282	32.934	5.91	0.07	26.006	0.128	1470.	2.7
61	62.0	5.294	32.941	5.90	0.07	26.010	0.131	1470.	2.8
63	64.0	5.304	32.945	5.89	0.07	26.012	0.135	1470.	3.3
65	66.0	5.333	32.956	5.89	0.07	26.017	0.139	1471.	3.6
67	67.9	5.371	32.971	5.89	0.07	26.024	0.143	1471.	3.9
69	69.9	5.432	32.993	5.87	0.07	26.035	0.147	1471.	4.1
71	71.9	5.567	33.048	5.82	0.07	26.062	0.151	1472.	4.2
73	74.0	5.641	33.064	5.79	0.07	26.067	0.155	1472.	4.0
75	76.0	5.705	33.093	5.76	0.07	26.082	0.159	1472.	3.8
78	78.3	5.742	33.106	5.74	0.07	26.088	0.163	1473.	3.4
79	79.9	5.770	33.116	5.72	0.07	26.092	0.167	1473.	2.8
82	82.2	5.789	33.122	5.71	0.07	26.095	0.171	1473.	2.5
83	83.7	5.800	33.126	5.71	0.07	26.097	0.174	1473.	2.1
85	86.0	5.817	33.133	5.71	0.07	26.100	0.178	1473.	2.4
87	88.0	5.827	33.138	5.69	0.07	26.102	0.182	1473.	3.1
89	89.9	5.838	33.141	5.69	0.07	26.104	0.186	1473.	3.5
92	92.4	5.861	33.149	5.67	0.07	26.107	0.190	1473.	3.9
93	93.9	5.985	33.194	5.63	0.06	26.128	0.193	1474.	4.4
95	96.2	6.234	33.269	5.54	0.06	26.156	0.198	1475.	4.8
97	97.9	6.301	33.275	5.51	0.06	26.152	0.201	1475.	5.0
99	100.0	6.360	33.311	5.48	0.06	26.173	0.205	1476.	4.9

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	85	14 FEB 1987	0051	42°27.6'N	66°47.0'W	335

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.1	6.486	33.361	5.41	0.07	26.196	0.208	1476.	4.7
103	103.9	6.604	33.408	5.36	0.07	26.218	0.212	1477.	4.6
106	106.4	6.638	33.419	5.32	0.07	26.222	0.216	1477.	4.6
107	107.9	6.659	33.431	5.28	0.07	26.228	0.219	1477.	4.3
109	110.0	6.689	33.451	5.26	0.07	26.241	0.223	1477.	4.2
111	112.0	6.750	33.479	5.23	0.08	26.255	0.226	1478.	4.1
113	114.0	6.809	33.505	5.20	0.08	26.267	0.230	1478.	4.3
115	116.1	6.838	33.519	5.17	0.08	26.274	0.234	1478.	4.5
117	118.0	6.912	33.555	5.14	0.08	26.293	0.237	1478.	4.6
119	120.0	6.970	33.572	5.10	0.08	26.299	0.240	1479.	4.6
121	122.2	7.056	33.609	5.04	0.08	26.315	0.244	1479.	5.0
123	123.9	7.212	33.669	4.96	0.08	26.341	0.247	1480.	5.7
125	126.0	7.232	33.683	4.93	0.08	26.349	0.251	1480.	6.0
127	127.7	7.250	33.696	4.89	0.08	26.357	0.253	1480.	6.3
129	130.3	7.437	33.791	4.81	0.09	26.406	0.258	1481.	6.2
131	131.8	7.793	33.924	4.71	0.09	26.460	0.260	1483.	5.9
133	134.2	7.966	33.977	4.64	0.09	26.476	0.264	1483.	5.5
135	135.8	8.010	33.996	4.37	0.10	26.484	0.266	1483.	5.1
137	138.3	8.030	34.005	4.26	0.10	26.488	0.270	1484.	4.6
139	139.7	8.045	34.010	4.25	0.10	26.490	0.272	1484.	4.3
141	142.0	8.066	34.023	4.25	0.10	26.497	0.276	1484.	4.3
143	143.8	8.056	34.044	4.26	0.10	26.515	0.279	1484.	4.3
145	146.1	8.148	34.115	4.24	0.09	26.557	0.282	1484.	4.3
147	148.0	8.183	34.120	4.24	0.09	26.556	0.285	1484.	4.2
149	150.0	8.203	34.128	4.25	0.09	26.559	0.288	1485.	4.2
151	152.0	8.218	34.136	4.26	0.09	26.563	0.291	1485.	4.2
153	154.2	8.244	34.150	4.27	0.08	26.570	0.294	1485.	4.3
155	155.8	8.281	34.175	4.28	0.08	26.584	0.297	1485.	5.0
157	158.1	8.341	34.218	4.27	0.08	26.609	0.300	1485.	5.3
158	159.8	8.386	34.249	4.25	0.07	26.626	0.302	1486.	5.4
161	162.0	8.446	34.295	4.24	0.07	26.653	0.306	1486.	5.3
163	164.1	8.502	34.344	4.22	0.06	26.683	0.308	1486.	5.1
165	166.0	8.524	34.357	4.21	0.06	26.689	0.311	1486.	4.7
167	168.2	8.529	34.361	4.20	0.06	26.692	0.314	1486.	4.3
169	170.0	8.545	34.380	4.20	0.06	26.704	0.317	1487.	3.7
170	171.9	8.570	34.404	4.19	0.06	26.719	0.319	1487.	3.2
173	174.1	8.574	34.409	4.19	0.06	26.722	0.322	1487.	3.0
174	175.7	8.576	34.413	4.18	0.06	26.726	0.324	1487.	2.8
177	178.1	8.581	34.419	4.18	0.07	26.729	0.327	1487.	2.6
179	180.1	8.582	34.420	4.18	0.06	26.730	0.330	1487.	2.6
180	181.7	8.583	34.422	4.17	0.06	26.732	0.332	1487.	2.8
182	184.0	8.590	34.435	4.18	0.06	26.741	0.335	1487.	3.1
184	185.9	8.592	34.442	4.18	0.06	26.746	0.338	1487.	3.5
186	188.1	8.595	34.456	4.18	0.06	26.756	0.341	1487.	4.0
188	189.9	8.592	34.463	4.17	0.06	26.763	0.343	1487.	4.5
191	192.1	8.586	34.481	4.17	0.07	26.777	0.346	1487.	5.1
192	193.9	8.584	34.496	4.17	0.07	26.789	0.348	1487.	5.6
194	196.1	8.585	34.527	4.17	0.07	26.814	0.351	1487.	5.9
196	197.9	8.622	34.569	4.16	0.07	26.841	0.353	1488.	6.0
198	200.0	8.727	34.646	4.13	0.05	26.884	0.356	1488.	6.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	85	14 FEB 1987	0051	42°27.6'N	66°47.0'W	335

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	201.8	8.759	34.669	4.13	0.05	26.898	0.358	1488.	6.4
202	204.0	8.789	34.699	4.13	0.04	26.916	0.361	1488.	6.4
204	205.9	8.773	34.714	4.15	0.04	26.930	0.363	1488.	6.3
206	208.1	8.562	34.715	4.20	0.04	26.965	0.365	1488.	6.2
208	210.0	8.339	34.729	4.25	0.04	27.010	0.367	1487.	6.3
210	212.0	8.297	34.740	4.26	0.04	27.025	0.370	1487.	6.5
212	213.8	8.236	34.747	4.27	0.04	27.040	0.371	1487.	6.5
214	215.9	8.135	34.757	4.30	0.04	27.063	0.374	1486.	6.3
216	218.1	8.028	34.775	4.33	0.03	27.093	0.376	1486.	6.0
218	220.0	7.884	34.798	4.37	0.03	27.133	0.378	1485.	5.8
220	222.0	7.823	34.809	4.38	0.04	27.150	0.380	1485.	5.4
222	223.8	7.798	34.814	4.39	0.04	27.158	0.381	1485.	4.9
224	226.0	7.750	34.824	4.40	0.04	27.173	0.383	1485.	4.1
226	228.1	7.739	34.828	4.41	0.04	27.178	0.385	1485.	3.5
228	229.8	7.731	34.834	4.41	0.04	27.183	0.387	1485.	3.2
230	232.0	7.726	34.839	4.42	0.04	27.188	0.389	1485.	3.1
232	234.3	7.720	34.844	4.42	0.04	27.193	0.391	1485.	3.2
234	235.8	7.716	34.850	4.42	0.04	27.198	0.392	1485.	3.5
236	238.1	7.714	34.856	4.41	0.04	27.204	0.394	1485.	3.8
238	240.0	7.705	34.866	4.41	0.04	27.213	0.396	1485.	3.9
240	241.8	7.683	34.883	4.40	0.04	27.230	0.398	1485.	3.9
242	244.1	7.657	34.901	4.40	0.04	27.247	0.400	1485.	3.7
244	246.0	7.648	34.906	4.39	0.04	27.253	0.401	1485.	3.5
246	248.0	7.644	34.909	4.39	0.04	27.255	0.403	1485.	3.1
248	249.6	7.643	34.911	4.38	0.04	27.257	0.404	1485.	2.6
250	252.0	7.636	34.916	4.39	0.05	27.262	0.406	1485.	2.1
252	254.0	7.632	34.920	4.39	0.05	27.266	0.408	1485.	2.0
254	256.0	7.631	34.920	4.40	0.05	27.266	0.410	1485.	2.0
256	258.1	7.629	34.923	4.41	0.05	27.269	0.411	1485.	2.0
258	260.2	7.626	34.926	4.41	0.05	27.271	0.413	1485.	2.0
260	261.9	7.625	34.928	4.41	0.05	27.273	0.415	1485.	2.1
262	264.1	7.623	34.931	4.41	0.05	27.276	0.416	1485.	2.1
264	266.0	7.620	34.936	4.40	0.05	27.280	0.418	1485.	2.1
266	267.9	7.617	34.940	4.40	0.05	27.284	0.420	1485.	2.2
268	270.2	7.615	34.943	4.40	0.05	27.286	0.422	1485.	2.2
270	272.0	7.614	34.944	4.41	0.05	27.287	0.423	1485.	2.2
272	274.3	7.612	34.947	4.41	0.06	27.290	0.425	1485.	2.2
274	275.9	7.607	34.953	4.42	0.06	27.295	0.426	1485.	2.3
276	278.3	7.603	34.955	4.43	0.06	27.298	0.428	1485.	2.6
277	279.8	7.597	34.958	4.43	0.06	27.301	0.429	1485.	2.7
280	282.3	7.582	34.962	4.43	0.06	27.306	0.431	1485.	2.8
281	283.6	7.563	34.963	4.43	0.06	27.310	0.432	1485.	2.9
284	286.3	7.499	34.965	4.44	0.05	27.321	0.435	1485.	3.1
285	287.9	7.478	34.960	4.44	0.05	27.320	0.436	1485.	3.2
288	290.0	7.436	34.964	4.45	0.05	27.329	0.438	1485.	3.2
290	292.0	7.386	34.961	4.46	0.05	27.333	0.439	1485.	3.1
291	293.9	7.326	34.966	4.48	0.06	27.346	0.441	1485.	3.0
294	296.0	7.320	34.967	4.49	0.06	27.348	0.442	1485.	2.8
295	297.7	7.311	34.969	4.50	0.06	27.351	0.443	1485.	2.5
297	300.0	7.295	34.972	4.51	0.07	27.356	0.445	1485.	2.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	85	14 FEB 1987	0051	42°27.6'N	66°47.0'W	335

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
300	302.2	7.287	34.975	4.52	0.08	27.359	0.447	1485.	1.8
301	304.0	7.282	34.975	4.53	0.08	27.360	0.448	1485.	1.7
304	306.2	7.279	34.976	4.53	0.09	27.361	0.450	1485.	1.4
305	308.0	7.279	34.975	4.53	0.09	27.360	0.451	1485.	1.1
307	310.1	7.269	34.976	4.53	0.09	27.362	0.453	1485.	0.9
309	311.8	7.269	34.976	4.53	0.09	27.363	0.454	1485.	0.8
311	314.1	7.268	34.976	4.53	0.09	27.363	0.456	1485.	0.7
313	316.2	7.267	34.977	4.52	0.08	27.363	0.457	1485.	0.7
315	317.3	7.268	34.976	4.52	0.09	27.362	0.458	1485.	0.3
315	318.1	7.268	34.976	4.52	0.09	27.363	0.459	1485.	0.2
316	319.0	7.268	34.976	4.52	0.09	27.362	0.460	1485.	0.2
317	320.0	7.268	34.976	4.52	0.09	27.363	0.460	1485.	0.0
318	321.0	7.268	34.976	4.52	0.09	27.362	0.461	1485.	0.3
319	322.0	7.268	34.976	4.53	0.09	27.363	0.462	1485.	-0.2
320	323.1	7.268	34.976	4.53	0.09	27.363	0.463	1485.	-0.2
321	323.9	7.269	34.976	4.53	0.09	27.362	0.463	1485.	-0.2
322	325.0	7.270	34.976	4.52	0.09	27.362	0.464	1485.	-0.2
323	325.8	7.269	34.976	4.52	0.09	27.362	0.465	1485.	-0.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	86	14 FEB 1987	0817	42°31.8'N	67°14.1'W	328

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.4	2.348	31.745		0.11	25.339	0.000	1455.	0.6
4	4.0	2.349	31.743		0.11	25.338	0.004	1455.	0.6
6	6.0	2.351	31.743		0.11	25.337	0.009	1455.	0.6
8	7.9	2.358	31.743		0.11	25.337	0.014	1456.	0.6
10	10.0	2.355	31.744		0.11	25.338	0.020	1456.	0.6
12	12.0	2.351	31.743		0.11	25.337	0.025	1456.	0.6
14	14.0	2.355	31.744		0.11	25.338	0.030	1456.	0.8
16	16.0	2.373	31.748		0.11	25.340	0.036	1456.	1.6
18	17.9	2.369	31.748		0.11	25.340	0.041	1456.	2.1
20	20.1	2.371	31.745		0.11	25.337	0.046	1456.	2.2
22	22.0	2.413	31.754		0.11	25.341	0.051	1456.	2.3
24	24.2	2.506	31.785		0.11	25.359	0.057	1456.	2.5
26	25.8	2.550	31.793		0.11	25.362	0.061	1457.	5.1
28	27.9	2.524	31.780		0.11	25.354	0.067	1457.	6.5
30	29.9	2.537	31.794		0.11	25.364	0.072	1457.	7.5
32	32.0	2.701	31.815		0.11	25.368	0.077	1457.	8.2
34	33.9	3.269	32.115		0.11	25.559	0.082	1460.	8.5
36	35.9	3.345	32.140		0.10	25.573	0.087	1461.	8.5
38	37.9	3.514	32.205		0.09	25.609	0.092	1462.	8.0
40	40.0	3.626	32.269		0.09	25.650	0.097	1462.	6.9
42	42.1	3.790	32.310		0.08	25.667	0.102	1463.	4.9
44	44.0	3.827	32.320		0.08	25.672	0.106	1463.	4.2
46	46.1	3.855	32.328		0.08	25.675	0.111	1463.	3.3
48	48.0	3.891	32.329		0.08	25.672	0.115	1464.	2.4
50	50.2	3.933	32.340		0.08	25.677	0.120	1464.	1.9
52	52.2	3.942	32.345		0.07	25.680	0.125	1464.	1.7
53	53.9	3.971	32.357		0.07	25.687	0.129	1464.	2.5
56	56.0	3.956	32.353		0.07	25.686	0.134	1464.	3.4
57	58.0	3.955	32.349		0.07	25.682	0.138	1464.	4.0
60	60.0	3.982	32.354		0.07	25.684	0.143	1464.	4.9
62	62.1	4.238	32.433		0.07	25.721	0.148	1465.	5.5
63	64.0	4.343	32.482		0.07	25.749	0.152	1466.	5.9
65	65.9	4.400	32.503		0.06	25.760	0.156	1466.	6.9
67	67.9	4.671	32.607		0.06	25.814	0.161	1467.	7.7
69	69.9	4.806	32.645		0.06	25.830	0.165	1468.	7.9
71	72.1	5.038	32.681		0.06	25.833	0.170	1469.	8.0
73	74.0	5.693	32.935		0.05	25.959	0.174	1472.	8.0
75	76.0	5.781	33.025		0.05	26.019	0.178	1473.	7.5
77	78.0	5.549	32.978		0.05	26.009	0.182	1472.	7.1
79	80.0	5.956	33.091		0.04	26.050	0.186	1473.	6.4
81	82.1	6.160	33.138		0.04	26.062	0.190	1474.	5.0
84	84.2	6.355	33.170		0.04	26.062	0.194	1475.	5.1
85	86.0	6.551	33.234		0.04	26.088	0.197	1476.	5.3
87	88.0	6.562	33.248		0.04	26.097	0.201	1476.	5.0
89	90.0	6.641	33.271		0.04	26.105	0.205	1477.	5.7
91	91.9	6.659	33.349		0.04	26.164	0.209	1477.	6.2
93	94.0	6.928	33.394		0.04	26.164	0.212	1478.	6.8
95	96.0	7.108	33.424		0.04	26.163	0.216	1479.	7.0
97	98.0	7.378	33.570		0.05	26.241	0.220	1480.	7.0
99	100.1	7.616	33.654		0.05	26.273	0.224	1481.	7.0

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	86	14 FEB 1987	0817	42°31.8'N	67°14.1'W	328

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	7.837	33.772		0.06	26.334	0.227	1482.	7.3
103	104.0	7.802	33.752		0.07	26.323	0.230	1482.	7.2
105	106.0	7.808	33.788		0.07	26.350	0.234	1482.	6.8
107	108.0	7.959	33.875		0.07	26.396	0.237	1483.	6.5
109	110.0	8.055	33.936		0.07	26.430	0.240	1483.	6.0
111	112.0	8.065	33.963		0.07	26.450	0.243	1483.	6.2
113	114.0	8.109	34.007		0.07	26.478	0.246	1484.	6.3
115	116.0	8.123	34.010		0.08	26.478	0.250	1484.	6.2
117	118.1	8.121	34.020		0.08	26.487	0.253	1484.	6.1
119	120.1	8.181	34.099		0.10	26.540	0.256	1484.	6.1
121	121.8	8.242	34.178		0.10	26.593	0.259	1484.	6.3
123	124.0	8.196	34.170		0.10	26.593	0.262	1484.	6.4
125	126.1	8.198	34.183		0.09	26.603	0.265	1484.	6.1
127	128.1	8.319	34.240		0.08	26.629	0.268	1485.	5.7
129	130.0	8.452	34.316		0.08	26.669	0.270	1485.	5.3
131	132.0	8.454	34.335		0.07	26.683	0.273	1486.	5.2
133	134.1	8.545	34.361		0.06	26.690	0.276	1486.	4.7
135	136.1	8.686	34.427		0.06	26.719	0.279	1487.	4.1
137	137.9	8.713	34.427		0.06	26.715	0.281	1487.	3.7
139	140.0	8.719	34.429		0.06	26.716	0.284	1487.	3.5
141	142.0	8.728	34.437		0.06	26.721	0.287	1487.	3.3
143	144.1	8.746	34.455		0.05	26.732	0.289	1487.	3.7
145	146.0	8.767	34.477		0.05	26.746	0.292	1487.	4.4
147	148.0	8.768	34.480		0.05	26.748	0.294	1487.	4.8
149	150.1	8.787	34.490		0.05	26.753	0.297	1487.	5.3
150	151.7	8.904	34.569		0.04	26.796	0.299	1488.	5.5
153	154.0	8.907	34.596		0.04	26.817	0.302	1488.	5.4
155	156.0	8.900	34.612		0.04	26.831	0.305	1488.	5.2
157	158.0	8.841	34.646		0.04	26.867	0.307	1488.	4.8
159	159.9	8.838	34.646		0.05	26.867	0.309	1488.	4.5
161	162.0	8.843	34.646		0.05	26.866	0.312	1488.	4.3
163	164.0	8.841	34.654		0.05	26.873	0.314	1488.	4.1
165	166.1	8.771	34.653		0.06	26.883	0.317	1488.	3.8
166	167.9	8.589	34.657		0.06	26.915	0.319	1487.	3.9
169	170.0	8.580	34.662		0.07	26.920	0.321	1487.	3.8
171	172.0	8.567	34.663		0.07	26.923	0.324	1487.	3.2
173	174.0	8.565	34.664		0.07	26.924	0.326	1487.	2.8
175	176.0	8.566	34.671		0.07	26.930	0.328	1487.	2.4
176	177.9	8.567	34.675		0.07	26.933	0.330	1487.	2.7
179	180.0	8.574	34.668		0.07	26.926	0.333	1487.	3.0
181	182.1	8.523	34.677		0.08	26.940	0.335	1487.	3.2
183	184.1	8.512	34.690		0.07	26.952	0.338	1487.	3.3
184	186.0	8.534	34.705		0.07	26.961	0.340	1487.	3.4
186	188.0	8.547	34.717		0.07	26.968	0.342	1487.	3.6
188	190.0	8.543	34.720		0.07	26.971	0.344	1487.	3.5
190	192.0	8.562	34.735		0.07	26.980	0.346	1487.	3.2
192	194.0	8.594	34.747		0.07	26.984	0.349	1488.	3.1
194	196.1	8.593	34.765		0.07	26.999	0.351	1488.	3.1
196	197.9	8.567	34.766		0.07	27.004	0.353	1488.	3.0
198	200.0	8.570	34.764		0.07	27.002	0.355	1488.	2.9

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	86	14 FEB 1987	0817	42°31.8'N	67°14.1'W	328

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	202.1	8.547	34.765		0.07	27.006	0.357	1488.	2.8
202	204.1	8.539	34.778		0.07	27.018	0.359	1488.	2.6
204	206.0	8.535	34.779		0.07	27.019	0.361	1488.	2.7
206	208.0	8.548	34.786		0.07	27.022	0.364	1488.	3.0
208	210.0	8.549	34.792		0.07	27.027	0.366	1488.	3.1
210	211.9	8.544	34.796		0.07	27.031	0.368	1488.	3.1
212	214.0	8.543	34.809		0.07	27.041	0.370	1488.	3.1
214	216.1	8.539	34.822		0.08	27.052	0.372	1488.	3.0
216	218.0	8.535	34.831		0.08	27.060	0.374	1488.	2.8
218	220.0	8.532	34.832		0.07	27.061	0.376	1488.	2.8
220	222.1	8.534	34.833		0.07	27.062	0.378	1488.	2.5
222	224.0	8.538	34.835		0.07	27.063	0.380	1488.	2.2
224	226.1	8.553	34.844		0.07	27.067	0.382	1488.	2.1
226	227.9	8.596	34.869		0.06	27.080	0.384	1488.	2.1
228	230.0	8.588	34.860		0.06	27.075	0.386	1488.	2.1
230	232.1	8.614	34.868		0.05	27.076	0.389	1488.	2.0
232	234.0	8.652	34.880		0.05	27.080	0.391	1489.	1.8
234	236.0	8.646	34.882		0.05	27.082	0.393	1489.	1.5
236	238.0	8.632	34.881		0.06	27.084	0.395	1489.	1.6
238	240.0	8.612	34.880		0.06	27.086	0.397	1489.	1.5
240	242.0	8.602	34.879		0.06	27.087	0.399	1489.	1.4
242	244.0	8.596	34.878		0.06	27.087	0.401	1489.	1.2
244	246.3	8.594	34.877		0.06	27.087	0.403	1489.	1.1
246	247.9	8.579	34.876		0.07	27.088	0.405	1489.	1.2
248	250.0	8.558	34.874		0.07	27.090	0.407	1489.	1.3
250	252.0	8.567	34.875		0.06	27.089	0.409	1489.	1.3
252	254.0	8.584	34.881		0.06	27.091	0.411	1489.	1.3
254	256.1	8.609	34.888		0.05	27.093	0.413	1489.	1.1
256	257.9	8.611	34.891		0.05	27.095	0.415	1489.	1.2
258	259.9	8.614	34.891		0.05	27.095	0.417	1489.	1.3
260	262.0	8.614	34.890		0.05	27.094	0.419	1489.	1.3
262	264.1	8.607	34.887		0.06	27.093	0.421	1489.	1.4
264	266.0	8.562	34.886		0.07	27.099	0.423	1489.	1.6
266	267.9	8.555	34.885		0.07	27.099	0.425	1489.	2.0
268	269.9	8.551	34.887		0.07	27.101	0.427	1489.	2.2
270	272.0	8.552	34.889		0.07	27.102	0.429	1489.	2.3
272	274.1	8.536	34.894		0.08	27.109	0.431	1489.	2.3
274	276.1	8.500	34.895		0.09	27.115	0.433	1489.	2.5
276	278.0	8.493	34.894		0.09	27.115	0.435	1489.	2.7
278	280.0	8.486	34.896		0.10	27.118	0.437	1489.	2.8
280	282.0	8.470	34.899		0.10	27.123	0.439	1489.	2.9
282	284.0	8.456	34.906		0.12	27.131	0.441	1489.	2.8
284	286.0	8.441	34.915		0.14	27.140	0.443	1489.	2.8
286	288.0	8.432	34.918		0.15	27.144	0.445	1489.	2.6
287	289.9	8.423	34.921		0.15	27.147	0.447	1489.	2.5
289	291.9	8.421	34.922		0.16	27.148	0.448	1489.	2.3
291	294.0	8.415	34.923		0.17	27.150	0.450	1489.	2.2
294	296.3	8.405	34.925		0.18	27.153	0.453	1489.	2.2
295	297.9	8.393	34.927		0.20	27.157	0.454	1489.	2.1
298	300.1	8.375	34.932		0.23	27.164	0.456	1489.	2.0

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	86	14 FEB 1987	0817	42°31.8'N	67°14.1'W	328

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
299	301.8	8.369	34.933		0.26	27.166	0.458	1489.	1.9
301	303.9	8.371	34.933		0.26	27.165	0.460	1489.	1.6
303	305.9	8.371	34.933		0.26	27.165	0.462	1489.	1.4
305	308.1	8.366	34.934		0.28	27.167	0.464	1489.	1.0
307	310.1	8.362	34.935		0.30	27.168	0.466	1489.	0.9
309	311.2	8.363	34.935		0.33	27.168	0.467	1489.	0.9
309	311.9	8.363	34.935		0.33	27.168	0.467	1489.	0.8
310	312.9	8.363	34.934		0.33	27.168	0.468	1489.	0.0
311	314.0	8.363	34.934		0.33	27.167	0.469	1489.	-0.5
312	315.0	8.364	34.934		0.33	27.167	0.470	1489.	-0.5
313	316.0	8.364	34.934		0.33	27.167	0.471	1489.	-0.4
314	317.0	8.364	34.934		0.33	27.167	0.472	1489.	-0.4
315	318.1	8.364	34.934		0.33	27.167	0.473	1489.	-0.4
316	318.9	8.364	34.935		0.36	27.167	0.474	1489.	-0.4
317	320.0	8.364	34.934		0.33	27.167	0.475	1489.	-0.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	87	14 FEB 1987	0858	42°32.3'N	67°15.0'W	322

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
7	7.0	2.336	31.740		0.12	25.336	0.000	1455.	0.7
8	7.8	2.335	31.740		0.12	25.336	0.002	1455.	0.7
10	10.1	2.338	31.741		0.12	25.337	0.008	1455.	0.7
12	11.9	2.343	31.741		0.12	25.337	0.013	1456.	0.7
14	14.0	2.340	31.742		0.12	25.337	0.018	1456.	0.7
16	16.3	2.351	31.745		0.12	25.339	0.024	1456.	0.6
18	18.0	2.346	31.743		0.12	25.337	0.029	1456.	0.7
20	20.0	2.347	31.743		0.12	25.338	0.034	1456.	0.9
22	22.2	2.353	31.745		0.12	25.339	0.040	1456.	1.3
24	23.9	2.346	31.744		0.12	25.338	0.044	1456.	1.9
26	26.1	2.352	31.746		0.12	25.340	0.050	1456.	2.6
28	28.1	2.369	31.750		0.11	25.342	0.056	1456.	3.3
30	29.7	2.412	31.763		0.11	25.349	0.060	1456.	4.8
32	32.0	2.476	31.783		0.11	25.360	0.066	1456.	6.3
34	34.2	2.540	31.810		0.11	25.377	0.072	1457.	7.8
35	35.7	2.620	31.843		0.11	25.396	0.075	1457.	8.5
38	38.1	2.948	31.992		0.11	25.489	0.081	1459.	8.7
40	39.9	3.236	32.119		0.11	25.566	0.086	1460.	8.6
42	42.0	3.612	32.293		0.10	25.671	0.091	1462.	8.1
44	44.0	3.684	32.297		0.10	25.667	0.095	1463.	7.1
46	46.1	3.711	32.303		0.09	25.669	0.100	1463.	5.5
48	47.9	3.736	32.308		0.09	25.671	0.104	1463.	3.8
50	50.0	3.770	32.319		0.09	25.676	0.109	1463.	1.9
51	51.9	3.847	32.340		0.08	25.686	0.114	1463.	2.0
54	54.0	3.938	32.346		0.08	25.682	0.118	1464.	1.9
56	56.3	3.940	32.348		0.08	25.683	0.124	1464.	1.8
57	57.8	3.948	32.351		0.08	25.685	0.127	1464.	1.5
60	60.0	3.951	32.355		0.08	25.687	0.132	1464.	1.5
61	61.9	3.950	32.357		0.08	25.689	0.137	1464.	2.9
63	64.0	3.951	32.357		0.08	25.689	0.141	1464.	4.4
66	66.4	3.955	32.359		0.08	25.690	0.147	1464.	5.3
67	67.8	3.981	32.369		0.08	25.696	0.150	1464.	6.3
69	70.0	4.231	32.465		0.07	25.747	0.155	1465.	7.1
71	72.1	4.546	32.597		0.07	25.819	0.160	1467.	7.8
73	74.0	4.683	32.619		0.07	25.823	0.164	1468.	8.5
76	76.4	4.942	32.746		0.06	25.895	0.169	1469.	8.7
77	78.0	5.194	32.821		0.06	25.927	0.172	1470.	8.4
79	80.1	5.436	32.930		0.05	25.985	0.177	1471.	7.9
81	81.8	5.882	33.088		0.05	26.056	0.180	1473.	7.4
83	84.0	6.183	33.161		0.04	26.077	0.184	1475.	6.5
85	86.1	6.325	33.196		0.04	26.086	0.188	1475.	5.9
87	87.9	6.384	33.210		0.04	26.090	0.192	1475.	5.3
90	90.2	6.509	33.250		0.04	26.105	0.196	1476.	5.6
91	91.9	6.565	33.264		0.04	26.110	0.199	1476.	6.5
93	94.0	6.691	33.322		0.04	26.138	0.203	1477.	7.3
95	96.1	6.895	33.406		0.04	26.177	0.207	1478.	7.7
97	98.0	7.321	33.580		0.04	26.256	0.211	1480.	7.8
99	100.1	7.638	33.707		0.04	26.311	0.215	1481.	7.7
101	102.0	7.856	33.785		0.04	26.341	0.218	1482.	7.5
103	104.1	7.906	33.814		0.05	26.356	0.221	1482.	7.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	87	14 FEB 1987	0858	42°32.3'N	67°15.0'W	322

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
105	106.0	7.906	33.828		0.06	26.367	0.224	1482.	6.9
107	107.9	7.967	33.872		0.07	26.393	0.228	1483.	6.7
109	110.0	8.093	33.971		0.06	26.453	0.231	1483.	6.8
111	111.9	8.145	34.021		0.06	26.484	0.234	1484.	6.9
113	114.0	8.169	34.056		0.07	26.508	0.237	1484.	6.9
115	116.1	8.180	34.088		0.08	26.531	0.240	1484.	6.9
117	117.9	8.189	34.119		0.09	26.554	0.243	1484.	6.7
119	120.1	8.203	34.168		0.11	26.590	0.246	1484.	6.7
121	121.9	8.237	34.208		0.11	26.616	0.249	1484.	6.5
123	123.9	8.352	34.290		0.10	26.663	0.252	1485.	6.0
125	126.2	8.423	34.333		0.10	26.686	0.255	1485.	5.4
127	127.7	8.458	34.349		0.09	26.694	0.257	1485.	4.6
129	129.9	8.548	34.373		0.08	26.699	0.260	1486.	3.8
131	132.0	8.562	34.379		0.08	26.701	0.263	1486.	2.8
133	134.1	8.625	34.395		0.07	26.704	0.266	1486.	2.4
135	135.9	8.651	34.403		0.06	26.706	0.268	1486.	2.5
137	138.1	8.663	34.412		0.06	26.711	0.271	1486.	2.9
139	139.9	8.667	34.416		0.06	26.714	0.274	1487.	3.2
141	142.1	8.663	34.421		0.06	26.718	0.276	1487.	3.3
143	143.9	8.680	34.440		0.06	26.731	0.279	1487.	3.4
145	146.0	8.716	34.470		0.06	26.748	0.282	1487.	3.5
147	148.2	8.720	34.473		0.06	26.750	0.284	1487.	3.6
149	149.9	8.720	34.477		0.06	26.753	0.287	1487.	3.9
151	152.1	8.720	34.486		0.07	26.760	0.290	1487.	4.5
153	153.9	8.760	34.505		0.06	26.769	0.292	1487.	5.1
155	156.1	8.849	34.542		0.05	26.784	0.295	1488.	5.5
157	158.0	8.882	34.585		0.05	26.812	0.297	1488.	5.6
159	159.9	8.815	34.629		0.05	26.857	0.300	1488.	5.5
161	162.1	8.788	34.651		0.05	26.879	0.302	1488.	5.2
163	164.0	8.787	34.657		0.05	26.884	0.304	1488.	4.8
165	165.9	8.773	34.658		0.05	26.887	0.307	1488.	4.2
167	168.0	8.767	34.662		0.05	26.891	0.309	1488.	3.6
169	170.0	8.687	34.663		0.06	26.904	0.312	1487.	3.4
171	172.2	8.619	34.663		0.06	26.914	0.314	1487.	3.4
172	173.8	8.539	34.659		0.07	26.924	0.316	1487.	3.3
175	176.0	8.536	34.662		0.08	26.927	0.319	1487.	3.3
176	177.8	8.546	34.667		0.07	26.929	0.321	1487.	3.3
178	180.0	8.570	34.677		0.07	26.934	0.323	1487.	3.5
181	182.2	8.519	34.678		0.08	26.942	0.326	1487.	3.7
182	183.9	8.493	34.689		0.08	26.955	0.327	1487.	3.9
184	186.0	8.500	34.706		0.08	26.967	0.330	1487.	3.9
187	188.1	8.532	34.729		0.08	26.980	0.332	1487.	3.9
188	190.0	8.575	34.748		0.08	26.989	0.334	1487.	3.8
191	192.1	8.612	34.765		0.07	26.996	0.337	1488.	3.6
192	194.0	8.605	34.765		0.07	26.997	0.339	1488.	3.5
194	195.8	8.567	34.774		0.07	27.010	0.341	1488.	3.3
196	198.1	8.553	34.779		0.07	27.016	0.343	1488.	3.2
198	199.9	8.545	34.785		0.07	27.022	0.345	1488.	3.0
200	202.1	8.543	34.797		0.08	27.032	0.347	1488.	2.9
202	203.9	8.544	34.798		0.07	27.032	0.349	1488.	2.6

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	87	14 FEB 1987	0858	42°32.3'N	67°15.0'W	322

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
204	206.0	8.545	34.801		0.08	27.034	0.351	1488.	2.5
206	208.0	8.546	34.805		0.08	27.038	0.353	1488.	2.5
208	210.0	8.549	34.813		0.07	27.043	0.356	1488.	2.5
210	212.0	8.550	34.815		0.07	27.045	0.358	1488.	2.6
212	214.0	8.549	34.821		0.08	27.050	0.360	1488.	2.7
214	216.1	8.540	34.830		0.08	27.058	0.362	1488.	2.7
216	217.8	8.540	34.832		0.08	27.060	0.364	1488.	2.7
218	220.0	8.555	34.841		0.07	27.064	0.366	1488.	2.6
220	222.0	8.582	34.853		0.07	27.070	0.368	1488.	2.3
222	224.0	8.642	34.873		0.06	27.076	0.370	1488.	2.1
224	226.1	8.651	34.875		0.05	27.076	0.372	1488.	1.9
226	228.0	8.649	34.875		0.05	27.077	0.374	1488.	1.8
228	229.8	8.646	34.876		0.05	27.077	0.376	1489.	1.6
230	232.1	8.645	34.879		0.05	27.080	0.378	1489.	1.4
232	233.9	8.632	34.876		0.06	27.080	0.380	1489.	1.5
234	236.1	8.584	34.872		0.06	27.084	0.382	1488.	1.4
236	237.8	8.592	34.874		0.06	27.085	0.384	1488.	1.2
238	240.2	8.560	34.867		0.07	27.084	0.387	1488.	1.2
240	241.8	8.576	34.874		0.06	27.087	0.388	1488.	1.2
242	244.1	8.569	34.869		0.07	27.084	0.390	1488.	1.4
244	246.0	8.548	34.864		0.07	27.084	0.392	1488.	1.6
246	248.0	8.538	34.869		0.08	27.089	0.394	1488.	1.7
248	249.9	8.542	34.871		0.07	27.090	0.396	1488.	1.8
250	252.1	8.580	34.885		0.06	27.095	0.399	1489.	2.0
252	254.0	8.598	34.891		0.05	27.097	0.401	1489.	2.0
254	256.0	8.583	34.889		0.06	27.098	0.402	1489.	1.9
256	257.9	8.572	34.889		0.06	27.099	0.404	1489.	1.9
258	260.1	8.560	34.891		0.06	27.102	0.407	1489.	1.9
260	261.9	8.546	34.889		0.07	27.104	0.408	1489.	2.0
262	263.8	8.527	34.890		0.07	27.108	0.410	1489.	2.2
264	266.0	8.517	34.893		0.08	27.111	0.412	1489.	2.5
266	268.2	8.515	34.894		0.08	27.112	0.415	1489.	2.8
268	269.9	8.511	34.897		0.07	27.115	0.416	1489.	3.1
270	272.2	8.510	34.906		0.07	27.122	0.419	1489.	3.2
272	273.9	8.463	34.915		0.10	27.137	0.420	1489.	3.2
274	276.0	8.436	34.919		0.12	27.144	0.422	1489.	3.2
276	278.0	8.420	34.923		0.14	27.150	0.424	1489.	3.0
278	280.1	8.415	34.924		0.15	27.151	0.426	1489.	2.7
280	282.0	8.409	34.925		0.16	27.153	0.428	1489.	2.2
282	284.2	8.388	34.929		0.22	27.159	0.430	1489.	1.9
284	286.1	8.384	34.931		0.22	27.161	0.432	1489.	1.7
285	287.8	8.384	34.931		0.23	27.161	0.434	1489.	1.5
288	290.0	8.384	34.931		0.25	27.162	0.436	1489.	1.2
289	291.9	8.382	34.932		0.24	27.162	0.437	1489.	0.9
292	294.1	8.382	34.931		0.25	27.162	0.440	1489.	0.7
294	296.1	8.379	34.932		0.26	27.163	0.441	1489.	0.7
295	297.7	8.378	34.932		0.26	27.163	0.443	1489.	0.6
297	300.0	8.379	34.932		0.28	27.163	0.445	1489.	0.6
300	302.2	8.379	34.932		0.26	27.163	0.447	1489.	0.5
301	303.2	8.379	34.932		0.26	27.163	0.448	1489.	0.5

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	87	14 FEB 1987	0858	42°32.3'N	67°15.0'W	322

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
301	304.0	8.379	34.932		0.28	27.163	0.449	1489.	0.5
302	305.0	8.378	34.932		0.30	27.163	0.450	1489.	0.5
303	306.1	8.377	34.932		0.30	27.164	0.451	1489.	0.5
304	307.1	8.377	34.933		0.29	27.164	0.452	1489.	0.4
305	307.9	8.378	34.933		0.28	27.164	0.453	1489.	0.3
306	309.1	8.378	34.932		0.29	27.163	0.454	1489.	0.3
307	310.0	8.378	34.932		0.30	27.163	0.455	1489.	0.3
308	311.0	8.378	34.932		0.30	27.163	0.456	1489.	0.3
309	312.0	8.378	34.933		0.30	27.164	0.457	1489.	0.3
310	312.8	8.378	34.932		0.29	27.164	0.457	1489.	0.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	88	14 FEB 1987	1134	42°32.2'N	67°29.0'W	280

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
7	6.6	4.153	32.648		0.10	25.900	0.000	1464.	3.9
8	8.0	4.158	32.648		0.10	25.900	0.003	1464.	3.9
10	10.1	4.153	32.648		0.10	25.900	0.007	1464.	3.9
12	12.0	4.156	32.649		0.10	25.901	0.011	1464.	3.9
14	14.0	4.161	32.650		0.10	25.901	0.015	1464.	3.9
16	15.9	4.180	32.657		0.10	25.905	0.019	1465.	4.4
18	18.3	4.293	32.696		0.10	25.924	0.024	1465.	4.6
20	19.7	4.428	32.742		0.10	25.947	0.027	1466.	4.6
22	21.9	4.970	32.870		0.08	25.990	0.032	1468.	4.4
24	24.2	4.983	32.867		0.08	25.987	0.036	1468.	4.0
26	25.9	4.975	32.864		0.08	25.985	0.040	1468.	3.1
28	27.9	4.959	32.863		0.08	25.986	0.044	1468.	2.1
30	30.1	4.984	32.870		0.08	25.989	0.048	1468.	0.7
32	31.8	5.006	32.873		0.08	25.989	0.052	1469.	1.2
34	34.3	5.019	32.875		0.08	25.989	0.057	1469.	1.3
36	36.0	5.037	32.879		0.08	25.990	0.060	1469.	1.4
38	38.0	5.056	32.881		0.08	25.990	0.064	1469.	1.5
40	40.1	5.091	32.892		0.07	25.994	0.068	1469.	1.8
42	42.0	5.143	32.901		0.07	25.995	0.072	1469.	2.4
44	43.9	5.166	32.906		0.07	25.997	0.076	1469.	2.7
46	46.2	5.229	32.920		0.07	26.001	0.080	1470.	2.8
47	47.9	5.284	32.934		0.07	26.006	0.084	1470.	2.8
50	49.9	5.424	32.978		0.06	26.025	0.088	1471.	2.9
52	52.1	5.567	32.999		0.06	26.024	0.092	1471.	3.6
54	54.0	5.564	32.998		0.06	26.024	0.096	1471.	4.6
56	56.1	5.661	33.020		0.06	26.029	0.100	1472.	5.0
57	57.8	5.732	33.042		0.06	26.038	0.104	1472.	5.3
59	60.0	5.990	33.135		0.05	26.080	0.108	1473.	6.0
62	62.0	6.297	33.256		0.05	26.138	0.112	1475.	6.4
64	64.0	6.414	33.268		0.05	26.132	0.115	1475.	6.5
66	66.1	6.439	33.285		0.05	26.142	0.119	1475.	6.2
67	68.0	6.735	33.415		0.06	26.206	0.123	1477.	5.6
69	70.0	6.823	33.446		0.06	26.219	0.126	1477.	5.0
71	71.8	6.860	33.466		0.06	26.230	0.130	1477.	4.9
74	74.1	6.919	33.484		0.06	26.236	0.134	1478.	4.4
75	76.1	6.932	33.489		0.06	26.238	0.137	1478.	3.8
77	78.0	6.968	33.508		0.06	26.248	0.141	1478.	3.8
79	79.9	7.034	33.537		0.06	26.262	0.144	1478.	3.8
82	82.2	7.090	33.561		0.06	26.273	0.148	1479.	3.7
83	83.9	7.119	33.577		0.06	26.282	0.151	1479.	3.5
86	86.4	7.146	33.595		0.06	26.292	0.155	1479.	3.1
87	87.9	7.159	33.601		0.06	26.295	0.158	1479.	2.7
89	90.2	7.162	33.602		0.06	26.296	0.162	1479.	2.6
91	91.7	7.163	33.603		0.06	26.296	0.165	1479.	2.5
93	94.0	7.165	33.606		0.06	26.298	0.168	1479.	2.5
95	95.9	7.173	33.615		0.06	26.304	0.172	1479.	2.5
97	98.0	7.199	33.633		0.07	26.315	0.175	1479.	2.5
99	100.0	7.219	33.640		0.06	26.318	0.179	1479.	2.3
101	101.9	7.228	33.644		0.07	26.319	0.182	1480.	2.1
103	104.3	7.231	33.646		0.07	26.321	0.186	1480.	1.7

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	88	14 FEB 1987	1134	42°32.2'N	67°29.0'W	280

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
105	105.9	7.224	33.646		0.07	26.321	0.189	1480.	1.3
107	108.0	7.218	33.645		0.07	26.322	0.193	1480.	1.7
109	110.1	7.209	33.643		0.07	26.322	0.196	1480.	2.3
111	112.0	7.204	33.644		0.07	26.323	0.199	1480.	3.1
113	113.9	7.208	33.647		0.07	26.325	0.203	1480.	3.5
115	116.2	7.246	33.671		0.07	26.339	0.206	1480.	4.0
117	117.9	7.287	33.702		0.07	26.357	0.209	1480.	4.2
119	120.2	7.329	33.732		0.08	26.375	0.213	1480.	4.5
121	121.7	7.347	33.741		0.08	26.380	0.216	1480.	4.6
123	124.1	7.389	33.766		0.08	26.393	0.220	1481.	4.4
125	125.9	7.426	33.785		0.08	26.403	0.223	1481.	4.1
127	128.0	7.475	33.820		0.08	26.423	0.226	1481.	4.0
129	129.8	7.494	33.834		0.09	26.432	0.229	1481.	4.1
131	132.3	7.512	33.843		0.09	26.436	0.233	1481.	4.1
133	133.9	7.527	33.853		0.09	26.442	0.235	1481.	4.4
135	136.2	7.577	33.879		0.09	26.455	0.239	1482.	4.6
137	137.9	7.614	33.905		0.09	26.471	0.242	1482.	4.9
139	140.2	7.677	33.936		0.09	26.486	0.245	1482.	5.3
141	141.9	7.767	33.990		0.10	26.515	0.248	1483.	5.4
143	144.0	7.783	34.014		0.10	26.532	0.251	1483.	5.9
145	146.1	7.782	34.038		0.11	26.551	0.254	1483.	6.5
147	148.0	7.881	34.080		0.11	26.569	0.257	1483.	7.3
149	150.0	7.965	34.117		0.11	26.585	0.260	1484.	7.8
151	152.0	8.123	34.234		0.11	26.654	0.263	1484.	8.2
153	153.9	8.212	34.318		0.11	26.707	0.266	1485.	8.1
155	156.1	8.338	34.438		0.11	26.782	0.268	1486.	7.8
157	158.0	8.365	34.481		0.12	26.811	0.271	1486.	7.2
159	160.0	8.380	34.514		0.13	26.835	0.273	1486.	6.1
161	162.1	8.391	34.526		0.13	26.842	0.276	1486.	4.9
163	163.9	8.396	34.532		0.13	26.847	0.278	1486.	3.8
165	166.0	8.402	34.542		0.13	26.853	0.281	1486.	3.7
166	167.9	8.412	34.548		0.13	26.857	0.283	1486.	3.8
169	170.0	8.429	34.550		0.13	26.856	0.286	1486.	4.0
171	172.2	8.455	34.579		0.12	26.874	0.288	1486.	4.2
172	173.8	8.534	34.630		0.11	26.902	0.290	1487.	4.3
175	176.2	8.581	34.651		0.10	26.911	0.293	1487.	4.5
176	178.0	8.594	34.664		0.10	26.920	0.295	1487.	4.5
179	180.3	8.599	34.677		0.10	26.929	0.298	1487.	4.2
180	181.8	8.595	34.686		0.10	26.937	0.299	1487.	3.9
183	184.2	8.527	34.700		0.12	26.958	0.302	1487.	3.9
184	185.8	8.503	34.705		0.12	26.966	0.304	1487.	4.0
187	188.1	8.492	34.704		0.13	26.967	0.306	1487.	4.5
188	189.7	8.487	34.708		0.13	26.971	0.308	1487.	4.9
191	192.2	8.494	34.732		0.14	26.988	0.311	1487.	5.2
192	193.9	8.486	34.757		0.15	27.009	0.313	1487.	5.4
194	196.0	8.483	34.806		0.15	27.048	0.315	1487.	5.5
196	197.9	8.489	34.832		0.14	27.067	0.317	1487.	5.2
198	200.2	8.496	34.858		0.14	27.087	0.319	1487.	4.8
200	201.9	8.498	34.866		0.13	27.093	0.321	1487.	4.2
202	204.1	8.499	34.873		0.13	27.099	0.323	1488.	3.9

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	88	14 FEB 1987	1134	42°32.2'N	67°29.0'W	280

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
204	206.2	8.499	34.876		0.13	27.101	0.325	1488.	3.8
206	208.0	8.497	34.881		0.12	27.105	0.327	1488.	3.8
208	209.8	8.489	34.895		0.11	27.117	0.329	1488.	3.7
210	212.1	8.467	34.925		0.10	27.144	0.331	1488.	3.6
212	214.0	8.463	34.932		0.09	27.150	0.333	1488.	3.3
214	216.0	8.463	34.933		0.09	27.151	0.335	1488.	2.8
216	217.9	8.466	34.933		0.09	27.150	0.337	1488.	2.0
218	220.1	8.470	34.933		0.09	27.149	0.339	1488.	0.7
220	222.0	8.470	34.933		0.09	27.150	0.340	1488.	-0.2
222	223.9	8.470	34.933		0.09	27.149	0.342	1488.	0.6
224	226.1	8.471	34.932		0.09	27.149	0.344	1488.	1.2
226	227.9	8.470	34.933		0.09	27.150	0.346	1488.	1.6
228	230.0	8.462	34.932		0.09	27.150	0.348	1488.	1.8
230	231.9	8.441	34.932		0.10	27.154	0.350	1488.	1.9
232	234.0	8.399	34.931		0.13	27.160	0.352	1488.	1.9
234	236.1	8.385	34.932		0.14	27.162	0.354	1488.	1.8
236	238.0	8.376	34.932		0.14	27.164	0.356	1488.	1.8
238	240.0	8.378	34.932		0.14	27.163	0.357	1488.	1.7
240	242.1	8.381	34.932		0.14	27.163	0.359	1488.	1.5
242	244.0	8.367	34.932		0.16	27.165	0.361	1488.	1.4
244	246.0	8.346	34.933		0.18	27.169	0.363	1488.	1.4
246	248.0	8.338	34.933		0.19	27.170	0.365	1488.	1.4
248	250.3	8.337	34.933		0.19	27.171	0.367	1488.	1.3
250	251.9	8.335	34.934		0.19	27.171	0.369	1488.	1.1
252	254.1	8.331	34.933		0.20	27.171	0.371	1488.	0.8
254	255.7	8.329	34.933		0.20	27.172	0.372	1488.	0.7
256	258.4	8.328	34.933		0.21	27.172	0.375	1488.	0.6
258	259.8	8.327	34.934		0.21	27.172	0.376	1488.	0.5
260	262.0	8.327	34.934		0.21	27.172	0.378	1488.	0.4
261	263.2	8.328	34.933		0.20	27.172	0.379	1488.	0.3
262	263.9	8.328	34.933		0.20	27.172	0.380	1488.	0.1
263	265.1	8.328	34.933		0.21	27.172	0.381	1488.	0.2
264	266.0	8.328	34.933		0.21	27.172	0.382	1488.	0.3
265	267.0	8.328	34.934		0.21	27.172	0.383	1488.	0.4
266	268.1	8.328	34.934		0.21	27.172	0.384	1488.	0.4
267	269.0	8.328	34.934		0.21	27.172	0.385	1488.	0.4
268	269.9	8.329	34.934		0.21	27.172	0.385	1488.	0.4
269	271.1	8.329	34.934		0.21	27.172	0.387	1488.	0.4
270	272.1	8.329	34.934		0.21	27.172	0.387	1488.	0.4
270	272.7	8.329	34.934		0.21	27.172	0.388	1488.	0.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	89	14 FEB 1987	1410	42°32.4'N	67°44.8'W	233

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.3	4.501	32.702		0.09	25.908	0.000	1466.	-0.6
4	4.1	4.506	32.702		0.09	25.907	0.004	1466.	-0.6
6	6.1	4.514	32.702		0.09	25.906	0.008	1466.	-0.6
8	7.9	4.522	32.702		0.09	25.905	0.012	1466.	-0.6
10	10.1	4.517	32.702		0.09	25.906	0.016	1466.	-0.6
12	12.1	4.522	32.702		0.09	25.905	0.020	1466.	-0.4
14	14.0	4.523	32.702		0.09	25.905	0.024	1466.	-0.2
16	16.0	4.524	32.702		0.09	25.905	0.029	1466.	0.2
18	17.8	4.523	32.703		0.09	25.906	0.032	1466.	-0.1
20	20.2	4.529	32.703		0.09	25.906	0.038	1466.	0.2
22	21.8	4.538	32.705		0.09	25.906	0.041	1466.	-0.1
24	24.1	4.539	32.705		0.09	25.906	0.046	1466.	-0.3
26	26.1	4.540	32.704		0.09	25.905	0.050	1466.	-0.3
28	27.7	4.540	32.705		0.09	25.906	0.053	1466.	-0.4
30	30.1	4.540	32.704		0.09	25.905	0.058	1466.	-0.2
32	31.8	4.538	32.703		0.09	25.905	0.062	1466.	0.3
34	34.1	4.543	32.705		0.09	25.905	0.066	1466.	0.5
35	35.7	4.539	32.704		0.09	25.905	0.070	1466.	0.5
38	38.1	4.544	32.706		0.09	25.906	0.075	1467.	0.5
39	39.6	4.547	32.706		0.09	25.906	0.078	1467.	0.5
42	42.2	4.558	32.708		0.09	25.906	0.083	1467.	0.5
43	43.7	4.557	32.708		0.09	25.906	0.087	1467.	0.6
46	46.2	4.555	32.707		0.09	25.906	0.092	1467.	0.9
47	47.8	4.553	32.707		0.09	25.906	0.095	1467.	1.0
50	50.2	4.563	32.710		0.09	25.907	0.100	1467.	1.1
51	51.9	4.567	32.711		0.09	25.908	0.104	1467.	1.3
54	54.1	4.601	32.720		0.09	25.911	0.108	1467.	1.6
55	55.7	4.601	32.719		0.09	25.911	0.112	1467.	1.6
58	58.0	4.617	32.721		0.08	25.910	0.116	1467.	1.7
59	59.9	4.660	32.734		0.08	25.916	0.120	1467.	1.9
62	62.1	4.698	32.743		0.08	25.920	0.125	1468.	2.6
63	63.8	4.694	32.741		0.08	25.918	0.128	1468.	3.0
66	66.0	4.705	32.745		0.08	25.920	0.133	1468.	3.6
67	67.8	4.753	32.762		0.08	25.928	0.137	1468.	4.1
70	70.2	4.967	32.825		0.07	25.955	0.142	1469.	4.7
71	71.7	4.992	32.835		0.07	25.960	0.145	1469.	5.2
74	74.2	5.107	32.880		0.07	25.983	0.150	1470.	5.8
75	75.8	5.157	32.907		0.07	25.999	0.153	1470.	6.0
77	78.1	5.296	32.974		0.07	26.036	0.158	1471.	6.1
79	79.8	5.337	32.997		0.07	26.049	0.161	1471.	6.1
81	82.1	5.539	33.090		0.07	26.099	0.165	1472.	6.0
83	84.0	5.695	33.132		0.07	26.114	0.169	1473.	5.7
85	86.0	5.801	33.164		0.07	26.127	0.173	1473.	5.5
87	88.0	5.906	33.197		0.07	26.140	0.177	1474.	5.2
89	90.1	6.074	33.245		0.07	26.157	0.180	1474.	4.8
91	92.0	6.215	33.280		0.07	26.167	0.184	1475.	4.7
93	93.9	6.355	33.343		0.07	26.199	0.188	1476.	4.9
95	96.1	6.472	33.368		0.07	26.203	0.191	1476.	5.2
97	97.9	6.494	33.376		0.07	26.207	0.195	1476.	5.3
99	99.9	6.584	33.414		0.07	26.225	0.198	1477.	5.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	89	14 FEB 1987	1410	42°32.4'N	67°44.8'W	233

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	6.761	33.484		0.08	26.257	0.202	1477.	5.3
103	103.9	6.964	33.559		0.08	26.289	0.205	1478.	5.2
105	106.1	7.076	33.599		0.09	26.305	0.209	1479.	4.9
107	107.9	7.108	33.617		0.09	26.315	0.212	1479.	4.4
109	110.1	7.152	33.635		0.10	26.323	0.216	1479.	4.1
111	112.0	7.157	33.636		0.10	26.323	0.219	1479.	4.2
113	114.1	7.164	33.640		0.10	26.325	0.223	1479.	4.6
115	115.9	7.219	33.668		0.10	26.339	0.226	1480.	4.9
117	117.8	7.302	33.718		0.11	26.367	0.229	1480.	5.2
119	120.3	7.346	33.769		0.12	26.402	0.233	1480.	5.6
121	121.8	7.352	33.788		0.12	26.415	0.236	1480.	5.8
123	124.0	7.358	33.802		0.13	26.426	0.239	1481.	5.9
125	125.8	7.375	33.823		0.13	26.440	0.242	1481.	6.0
127	128.0	7.444	33.890		0.14	26.482	0.246	1481.	6.2
129	129.9	7.482	33.910		0.14	26.494	0.249	1481.	6.5
131	132.1	7.557	33.972		0.14	26.531	0.252	1482.	6.7
133	134.0	7.595	34.015		0.15	26.559	0.255	1482.	6.6
135	135.8	7.678	34.076		0.14	26.595	0.257	1482.	6.2
137	138.2	7.782	34.137		0.14	26.629	0.261	1483.	6.3
139	140.1	7.834	34.167		0.14	26.644	0.264	1483.	6.2
141	142.0	7.866	34.182		0.13	26.651	0.266	1483.	6.0
143	144.0	7.892	34.194		0.13	26.657	0.269	1483.	5.7
145	146.0	8.044	34.302		0.12	26.719	0.272	1484.	5.5
147	148.0	8.133	34.342		0.11	26.738	0.275	1485.	5.4
149	149.9	8.177	34.369		0.11	26.752	0.277	1485.	5.5
151	152.2	8.190	34.374		0.11	26.754	0.280	1485.	5.4
153	153.9	8.209	34.389		0.11	26.763	0.282	1485.	5.0
155	156.1	8.240	34.424		0.11	26.786	0.285	1485.	4.9
157	158.1	8.303	34.486		0.11	26.825	0.288	1486.	4.8
159	159.9	8.335	34.502		0.11	26.832	0.290	1486.	4.7
161	162.0	8.366	34.517		0.11	26.840	0.292	1486.	4.8
163	163.9	8.352	34.521		0.11	26.844	0.295	1486.	4.7
165	166.2	8.366	34.537		0.11	26.855	0.298	1486.	4.7
166	167.7	8.383	34.552		0.11	26.864	0.299	1486.	4.9
169	170.2	8.449	34.617		0.11	26.905	0.302	1486.	5.0
171	172.0	8.456	34.636		0.11	26.919	0.304	1487.	4.9
172	173.9	8.462	34.653		0.11	26.932	0.307	1487.	4.6
175	176.0	8.475	34.671		0.11	26.943	0.309	1487.	4.1
176	177.9	8.478	34.680		0.12	26.950	0.311	1487.	3.5
178	179.9	8.478	34.688		0.12	26.956	0.313	1487.	3.2
181	182.1	8.471	34.689		0.12	26.958	0.316	1487.	2.8
182	183.9	8.467	34.692		0.13	26.962	0.318	1487.	2.5
185	186.1	8.475	34.706		0.12	26.971	0.320	1487.	2.3
186	188.0	8.484	34.710		0.12	26.973	0.322	1487.	2.2
189	190.2	8.481	34.710		0.12	26.973	0.325	1487.	2.2
190	191.8	8.484	34.712		0.12	26.974	0.327	1487.	2.4
192	194.1	8.464	34.711		0.14	26.976	0.329	1487.	2.7
194	196.1	8.450	34.714		0.15	26.981	0.331	1487.	3.3
196	197.8	8.448	34.721		0.16	26.987	0.333	1487.	3.7
198	200.1	8.457	34.738		0.17	26.999	0.336	1487.	3.9

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	89	14 FEB 1987	1410	42°32.4'N	67°44.8'W	233

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	201.7	8.457	34.753		0.18	27.011	0.337	1487.	4.0
203	204.2	8.460	34.778		0.20	27.030	0.340	1487.	3.9
204	205.9	8.459	34.788		0.21	27.038	0.342	1487.	3.7
207	208.3	8.458	34.793		0.22	27.042	0.344	1487.	3.3
208	210.0	8.457	34.802		0.23	27.049	0.346	1487.	2.9
210	212.0	8.458	34.805		0.23	27.051	0.348	1487.	2.5
212	214.1	8.460	34.810		0.24	27.055	0.350	1487.	2.3
214	215.9	8.461	34.814		0.24	27.058	0.352	1488.	2.2
216	218.1	8.461	34.817		0.26	27.060	0.355	1488.	2.0
217	219.3	8.461	34.817		0.26	27.060	0.356	1488.	1.9
218	220.1	8.461	34.818		0.26	27.061	0.357	1488.	1.7
219	220.9	8.462	34.820		0.26	27.062	0.358	1488.	1.7
220	222.0	8.462	34.821		0.29	27.063	0.359	1488.	1.6
221	223.0	8.463	34.823		0.31	27.064	0.360	1488.	1.5
222	224.2	8.462	34.823		0.31	27.065	0.361	1488.	1.4
223	224.9	8.462	34.824		0.31	27.066	0.362	1488.	1.4
224	226.0	8.462	34.824		0.34	27.066	0.363	1488.	1.4
225	227.2	8.462	34.824		0.36	27.066	0.364	1488.	1.4
226	227.6	8.462	34.824		0.34	27.066	0.364	1488.	1.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	90	14 FEB 1987	1615	42°33.4'N	68°00.0'W	208

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.5	3.897	32.532		0.13	25.834	0.000	1463.	-0.2
4	3.8	3.896	32.532		0.13	25.834	0.003	1463.	-0.2
6	5.8	3.897	32.532		0.13	25.834	0.007	1463.	-0.2
8	8.0	3.895	32.532		0.13	25.834	0.012	1463.	-0.2
10	10.1	3.902	32.532		0.13	25.833	0.016	1463.	-0.2
12	11.6	3.902	32.532		0.13	25.833	0.020	1463.	0.3
14	14.1	3.911	32.533		0.13	25.833	0.025	1463.	0.4
16	16.0	3.915	32.535		0.13	25.834	0.029	1463.	0.6
18	18.0	3.915	32.535		0.13	25.834	0.034	1463.	0.7
20	20.3	3.919	32.536		0.13	25.834	0.038	1463.	0.7
22	21.9	3.920	32.536		0.13	25.835	0.042	1463.	0.8
24	24.1	3.919	32.537		0.13	25.835	0.047	1464.	0.9
26	26.0	3.923	32.537		0.13	25.835	0.051	1464.	1.0
28	27.9	3.924	32.538		0.13	25.835	0.055	1464.	1.1
30	30.0	3.935	32.540		0.13	25.836	0.059	1464.	1.2
32	31.9	3.948	32.545		0.13	25.839	0.063	1464.	1.4
34	34.2	3.953	32.546		0.13	25.839	0.068	1464.	1.4
36	35.8	3.958	32.547		0.13	25.840	0.072	1464.	1.6
38	38.1	3.971	32.553		0.13	25.843	0.077	1464.	1.7
39	39.6	3.978	32.555		0.13	25.844	0.080	1464.	2.0
42	42.3	3.984	32.557		0.13	25.844	0.086	1464.	2.4
44	44.0	4.014	32.568		0.13	25.851	0.089	1464.	3.3
46	45.9	4.026	32.572		0.13	25.852	0.094	1464.	4.2
48	48.5	4.063	32.586		0.12	25.860	0.099	1465.	4.8
49	49.7	4.106	32.604		0.12	25.870	0.102	1465.	5.4
52	52.2	4.293	32.684		0.11	25.915	0.107	1466.	5.8
54	54.2	4.493	32.747		0.10	25.944	0.111	1467.	6.1
55	55.9	4.633	32.782		0.10	25.957	0.115	1467.	6.5
58	58.1	4.769	32.832		0.09	25.982	0.119	1468.	6.7
60	60.2	4.888	32.880		0.09	26.007	0.123	1469.	6.7
61	61.9	4.992	32.922		0.09	26.029	0.127	1469.	6.9
64	64.2	5.296	33.033		0.09	26.083	0.131	1470.	6.8
65	65.9	5.469	33.099		0.09	26.115	0.134	1471.	6.5
68	68.1	5.616	33.156		0.08	26.143	0.139	1472.	5.8
69	70.0	5.815	33.224		0.08	26.172	0.142	1473.	5.0
71	72.0	5.835	33.225		0.08	26.171	0.146	1473.	3.9
73	74.0	5.835	33.225		0.08	26.170	0.149	1473.	2.8
76	76.2	5.828	33.224		0.08	26.170	0.153	1473.	1.7
77	77.9	5.827	33.223		0.08	26.170	0.156	1473.	0.3
79	80.1	5.829	33.225		0.08	26.171	0.161	1473.	0.6
81	82.0	5.831	33.225		0.08	26.171	0.164	1473.	0.7
83	84.0	5.833	33.225		0.08	26.171	0.168	1473.	0.7
85	86.1	5.842	33.228		0.08	26.172	0.172	1473.	0.7
87	87.7	5.848	33.229		0.08	26.172	0.175	1473.	0.9
90	90.3	5.854	33.230		0.08	26.173	0.179	1473.	1.2
91	92.0	5.853	33.230		0.08	26.172	0.183	1473.	1.5
93	93.8	5.852	33.230		0.08	26.173	0.186	1473.	1.7
95	96.1	5.869	33.237		0.08	26.176	0.190	1474.	1.9
97	98.0	5.901	33.249		0.08	26.181	0.194	1474.	2.0
99	99.8	5.898	33.249		0.08	26.182	0.197	1474.	2.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	90	14 FEB 1987	1615	42°33.4'N	68°00.0'W	208

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.1	5.914	33.257		0.09	26.186	0.201	1474.	2.6
103	103.9	5.957	33.268		0.09	26.190	0.204	1474.	3.0
105	105.9	5.955	33.265		0.09	26.188	0.208	1474.	3.3
107	108.3	6.037	33.295		0.09	26.201	0.212	1475.	3.4
109	109.9	6.133	33.327		0.09	26.214	0.215	1475.	3.5
111	112.0	6.270	33.370		0.10	26.231	0.219	1476.	3.3
113	114.0	6.314	33.377		0.10	26.231	0.223	1476.	3.1
115	115.8	6.351	33.391		0.10	26.237	0.226	1476.	2.5
117	118.2	6.378	33.397		0.10	26.238	0.230	1476.	2.5
119	119.8	6.384	33.397		0.10	26.238	0.233	1476.	2.6
121	122.1	6.382	33.397		0.11	26.238	0.237	1476.	2.9
123	123.7	6.389	33.400		0.10	26.239	0.240	1476.	3.1
125	126.3	6.513	33.451		0.11	26.264	0.245	1477.	3.5
127	127.9	6.571	33.469		0.12	26.270	0.247	1477.	4.4
129	130.2	6.589	33.474		0.12	26.272	0.252	1477.	5.0
131	132.0	6.616	33.489		0.12	26.280	0.255	1477.	5.5
133	134.0	6.663	33.521		0.13	26.299	0.258	1478.	5.7
135	136.0	6.747	33.604		0.16	26.353	0.262	1478.	5.8
137	137.8	6.795	33.640		0.18	26.375	0.265	1478.	5.6
139	140.2	6.860	33.683		0.20	26.401	0.269	1479.	5.2
141	141.9	6.883	33.693		0.20	26.405	0.271	1479.	4.6
143	144.1	6.889	33.699		0.21	26.409	0.275	1479.	3.7
145	145.9	6.886	33.703		0.21	26.413	0.278	1479.	3.3
147	147.9	6.874	33.709		0.22	26.419	0.281	1479.	3.0
149	150.1	6.929	33.730		0.22	26.428	0.285	1479.	2.9
151	152.0	6.971	33.742		0.22	26.432	0.288	1479.	2.8
153	154.2	7.105	33.780		0.21	26.444	0.291	1480.	2.7
155	155.9	7.154	33.786		0.20	26.441	0.294	1480.	2.6
157	158.0	7.189	33.797		0.20	26.446	0.297	1480.	2.8
159	159.9	7.217	33.805		0.20	26.448	0.300	1481.	3.3
161	162.1	7.249	33.817		0.20	26.453	0.304	1481.	3.6
162	163.7	7.252	33.826		0.21	26.459	0.306	1481.	4.1
165	166.3	7.254	33.850		0.23	26.478	0.310	1481.	4.4
167	168.0	7.337	33.895		0.23	26.502	0.313	1481.	4.9
169	170.2	7.338	33.896		0.23	26.502	0.317	1481.	5.2
171	172.0	7.390	33.935		0.24	26.525	0.319	1482.	5.5
173	174.1	7.372	33.944		0.24	26.535	0.322	1482.	5.8
175	176.1	7.445	34.007		0.24	26.575	0.325	1482.	6.0
176	177.9	7.515	34.043		0.24	26.593	0.328	1482.	6.2
179	180.3	7.578	34.088		0.25	26.619	0.331	1483.	6.1
180	181.9	7.658	34.139		0.26	26.648	0.334	1483.	6.1
182	183.9	7.737	34.188		0.27	26.675	0.337	1483.	5.8
185	186.2	7.792	34.221		0.28	26.693	0.340	1484.	5.9
186	187.7	7.811	34.234		0.29	26.701	0.342	1484.	6.1
189	190.1	7.886	34.289		0.29	26.733	0.345	1484.	6.3
190	191.3	7.896	34.295		0.29	26.736	0.347	1484.	6.8
190	192.0	7.933	34.340		0.30	26.765	0.348	1485.	7.5
191	192.9	7.996	34.384		0.30	26.791	0.349	1485.	8.1
192	194.0	8.065	34.435		0.31	26.821	0.350	1485.	8.4
194	195.2	8.106	34.465		0.32	26.838	0.352	1485.	8.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	90	14 FEB 1987	1615	42°33.4'N	68°00.0'W	208

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
194	195.9	8.138	34.505		0.32	26.865	0.353	1486.	7.7
195	197.0	8.186	34.538		0.34	26.883	0.354	1486.	7.1
196	198.1	8.217	34.561		0.34	26.897	0.355	1486.	7.1
197	198.9	8.240	34.581		0.35	26.909	0.356	1486.	7.1
198	200.1	8.250	34.588		0.36	26.913	0.357	1486.	7.1
199	200.8	8.255	34.592		0.36	26.915	0.358	1486.	7.1

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	91	15 FEB 1987	0239	42°31.3'N	69°31.3'W	282

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
3	2.7	4.745	32.872		0.11	26.017	0.000	1467.	-0.4
4	3.9	4.743	32.872		0.11	26.017	0.003	1467.	-0.4
6	6.0	4.745	32.872		0.11	26.017	0.007	1467.	-0.4
8	7.9	4.740	32.871		0.11	26.016	0.010	1467.	-0.4
10	10.1	4.738	32.871		0.11	26.016	0.015	1467.	-0.4
12	12.0	4.741	32.871		0.11	26.016	0.018	1467.	-0.4
14	14.0	4.742	32.871		0.11	26.016	0.022	1467.	-0.4
16	16.1	4.740	32.870		0.11	26.016	0.027	1467.	-0.3
18	18.0	4.737	32.870		0.11	26.016	0.030	1467.	-0.3
20	20.1	4.739	32.870		0.11	26.016	0.035	1467.	-0.3
22	22.0	4.738	32.870		0.11	26.016	0.038	1467.	-0.2
24	24.0	4.740	32.870		0.11	26.016	0.042	1467.	-0.2
26	26.1	4.740	32.870		0.11	26.016	0.046	1467.	0.1
28	27.9	4.740	32.870		0.11	26.016	0.050	1467.	0.2
30	30.0	4.741	32.870		0.11	26.016	0.054	1467.	0.2
32	31.9	4.741	32.870		0.11	26.016	0.058	1467.	0.2
34	34.0	4.740	32.871		0.11	26.016	0.062	1468.	0.3
36	35.9	4.740	32.870		0.11	26.016	0.066	1468.	0.3
38	38.1	4.738	32.870		0.11	26.016	0.070	1468.	0.4
40	39.9	4.738	32.870		0.11	26.016	0.074	1468.	0.5
42	42.0	4.743	32.871		0.11	26.016	0.078	1468.	0.3
44	44.0	4.746	32.872		0.11	26.016	0.082	1468.	0.3
46	45.9	4.751	32.872		0.11	26.016	0.086	1468.	0.2
48	48.0	4.747	32.873		0.11	26.017	0.090	1468.	-0.1
50	50.0	4.751	32.871		0.11	26.015	0.094	1468.	-0.5
51	51.9	4.787	32.877		0.11	26.016	0.098	1468.	0.5
54	54.0	4.749	32.872		0.11	26.016	0.102	1468.	1.3
56	56.0	4.746	32.871		0.11	26.016	0.106	1468.	2.0
58	58.0	4.779	32.874		0.11	26.014	0.110	1468.	2.5
60	60.0	4.868	32.895		0.11	26.021	0.114	1468.	3.1
61	62.0	4.942	32.918		0.11	26.031	0.118	1469.	3.6
64	64.1	5.067	32.949		0.10	26.042	0.122	1469.	3.9
65	66.0	5.154	32.970		0.10	26.049	0.126	1470.	4.1
68	68.1	5.254	33.007		0.10	26.067	0.130	1470.	4.0
69	69.8	5.252	33.021		0.10	26.078	0.133	1470.	3.8
72	72.1	5.206	33.028		0.10	26.089	0.137	1470.	3.5
73	73.9	5.239	33.037		0.10	26.092	0.141	1470.	3.3
75	76.0	5.316	33.054		0.10	26.097	0.145	1471.	3.0
78	78.2	5.335	33.061		0.10	26.100	0.149	1471.	2.8
79	79.8	5.351	33.065		0.10	26.102	0.152	1471.	2.8
81	82.1	5.361	33.079		0.10	26.112	0.157	1471.	3.0
83	83.9	5.344	33.085		0.11	26.118	0.160	1471.	3.4
85	86.0	5.331	33.085		0.11	26.120	0.164	1471.	3.6
87	88.0	5.398	33.110		0.12	26.131	0.168	1471.	3.8
89	89.9	5.487	33.131		0.12	26.138	0.171	1472.	3.8
91	92.0	5.638	33.181		0.13	26.159	0.175	1472.	3.7
93	94.0	5.644	33.192		0.12	26.168	0.179	1473.	3.5
95	96.0	5.688	33.205		0.12	26.173	0.183	1473.	3.0
97	98.1	5.780	33.224		0.12	26.176	0.186	1473.	2.6
99	99.9	5.795	33.229		0.12	26.179	0.190	1473.	1.8

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	91	15 FEB 1987	0239	42°31.3'N	69°31.3'W	282

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	5.795	33.229		0.12	26.179	0.194	1473.	1.4
103	104.1	5.802	33.230		0.12	26.179	0.197	1473.	1.0
105	106.0	5.810	33.232		0.12	26.179	0.201	1473.	0.8
107	107.9	5.825	33.234		0.11	26.179	0.204	1474.	0.6
109	110.1	5.848	33.239		0.10	26.180	0.209	1474.	0.6
111	111.9	5.858	33.241		0.10	26.180	0.212	1474.	0.6
113	114.0	5.861	33.241		0.10	26.180	0.216	1474.	0.5
115	116.0	5.862	33.242		0.10	26.180	0.219	1474.	0.5
117	118.0	5.862	33.242		0.10	26.181	0.223	1474.	0.4
119	119.9	5.863	33.242		0.10	26.180	0.227	1474.	0.3
121	122.0	5.867	33.242		0.10	26.180	0.230	1474.	0.3
123	124.0	5.869	33.243		0.10	26.181	0.234	1474.	0.4
125	126.1	5.869	33.243		0.10	26.181	0.238	1474.	0.5
127	127.8	5.869	33.243		0.10	26.181	0.241	1474.	0.5
129	130.1	5.870	33.243		0.10	26.181	0.245	1474.	0.5
131	131.9	5.866	33.243		0.10	26.181	0.249	1474.	0.5
133	134.0	5.856	33.242		0.11	26.182	0.253	1474.	0.5
135	135.9	5.852	33.241		0.11	26.181	0.256	1474.	0.5
137	138.0	5.848	33.241		0.11	26.181	0.260	1474.	0.5
139	140.1	5.845	33.240		0.11	26.181	0.264	1474.	0.5
141	142.0	5.840	33.240		0.12	26.182	0.267	1474.	0.5
143	143.9	5.833	33.239		0.11	26.182	0.271	1474.	0.6
145	146.0	5.833	33.239		0.11	26.182	0.275	1474.	0.5
147	147.9	5.834	33.240		0.11	26.182	0.278	1474.	0.6
149	150.2	5.830	33.239		0.11	26.182	0.282	1474.	0.5
151	151.8	5.823	33.238		0.11	26.182	0.285	1474.	0.4
153	154.0	5.820	33.237		0.11	26.182	0.289	1474.	0.5
155	155.8	5.819	33.238		0.11	26.183	0.293	1474.	0.5
157	158.1	5.818	33.237		0.11	26.182	0.297	1474.	0.6
159	159.9	5.816	33.237		0.11	26.183	0.300	1474.	0.6
161	162.0	5.812	33.238		0.11	26.183	0.304	1474.	0.7
163	163.9	5.813	33.237		0.11	26.183	0.308	1474.	0.9
165	166.0	5.817	33.239		0.11	26.184	0.311	1475.	1.3
167	167.9	5.825	33.240		0.11	26.184	0.315	1475.	1.7
169	170.0	5.834	33.242		0.12	26.185	0.319	1475.	2.3
171	172.0	5.890	33.255		0.12	26.188	0.322	1475.	2.6
173	174.1	5.933	33.269		0.13	26.194	0.326	1475.	3.2
174	175.9	5.997	33.289		0.13	26.202	0.330	1475.	3.8
177	178.0	6.102	33.322		0.12	26.214	0.333	1476.	4.4
178	179.9	6.223	33.346		0.13	26.218	0.337	1476.	4.9
181	182.1	6.432	33.413		0.13	26.244	0.341	1477.	5.4
182	183.9	6.559	33.453		0.14	26.259	0.344	1478.	6.0
184	185.9	6.595	33.498		0.16	26.290	0.348	1478.	6.4
186	188.1	6.621	33.534		0.16	26.315	0.351	1478.	6.5
188	189.9	6.647	33.579		0.18	26.347	0.354	1479.	6.3
190	192.0	6.623	33.625		0.20	26.386	0.358	1479.	5.9
192	194.0	6.648	33.668		0.21	26.417	0.361	1479.	5.3
195	196.2	6.649	33.673		0.21	26.421	0.365	1479.	4.6
196	198.0	6.648	33.674		0.22	26.422	0.368	1479.	3.9
198	199.8	6.649	33.678		0.22	26.424	0.371	1479.	3.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	91	15 FEB 1987	0239	42°31.3'N	69°31.3'W	282

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	202.0	6.654	33.688		0.23	26.432	0.374	1479.	3.2
202	204.1	6.654	33.691		0.23	26.434	0.378	1479.	3.3
204	206.0	6.663	33.712		0.24	26.450	0.381	1479.	3.3
206	208.1	6.666	33.727		0.24	26.461	0.384	1479.	3.1
208	209.8	6.666	33.733		0.24	26.465	0.387	1479.	2.9
210	212.1	6.666	33.735		0.24	26.467	0.390	1479.	2.6
212	213.9	6.666	33.736		0.23	26.468	0.393	1479.	2.2
214	216.0	6.666	33.737		0.23	26.469	0.397	1479.	2.1
216	217.9	6.666	33.740		0.23	26.472	0.400	1479.	2.3
218	220.0	6.666	33.745		0.24	26.475	0.403	1479.	2.5
220	222.0	6.668	33.752		0.24	26.481	0.406	1479.	2.8
222	224.0	6.669	33.762		0.25	26.488	0.409	1479.	3.0
224	226.0	6.669	33.767		0.25	26.493	0.412	1480.	3.2
226	228.0	6.672	33.774		0.27	26.497	0.415	1480.	3.3
228	230.0	6.677	33.786		0.31	26.506	0.418	1480.	3.2
230	232.0	6.680	33.797		0.35	26.514	0.422	1480.	3.2
232	233.9	6.687	33.808		0.39	26.522	0.424	1480.	3.1
234	236.1	6.694	33.817		0.41	26.528	0.428	1480.	2.9
236	238.0	6.699	33.820		0.42	26.530	0.431	1480.	2.7
238	240.0	6.707	33.828		0.42	26.536	0.434	1480.	2.4
240	242.0	6.712	33.832		0.42	26.538	0.437	1480.	2.2
242	244.2	6.720	33.838		0.43	26.542	0.440	1480.	2.0
244	245.9	6.725	33.842		0.46	26.544	0.443	1480.	2.1
246	248.1	6.729	33.845		0.46	26.546	0.446	1480.	2.2
248	250.3	6.731	33.847		0.49	26.547	0.449	1480.	2.3
250	251.7	6.736	33.850		0.52	26.549	0.451	1480.	2.4
252	253.9	6.747	33.864		0.64	26.558	0.455	1480.	2.4
254	256.0	6.752	33.872		0.67	26.564	0.458	1480.	2.4
256	258.0	6.754	33.873		0.71	26.565	0.461	1481.	2.3
258	259.9	6.757	33.878		0.81	26.568	0.464	1481.	2.1
260	262.2	6.760	33.882		0.81	26.571	0.467	1481.	1.8
262	263.9	6.760	33.882		0.92	26.570	0.470	1481.	1.6
263	265.2	6.762	33.884		0.93	26.572	0.472	1481.	1.5
264	266.1	6.762	33.884		0.91	26.572	0.473	1481.	1.3
265	267.0	6.762	33.885		0.95	26.573	0.474	1481.	1.0
266	268.0	6.762	33.885		0.97	26.573	0.476	1481.	0.8
267	269.0	6.762	33.885		0.97	26.573	0.477	1481.	0.5
268	270.0	6.762	33.886		0.96	26.573	0.479	1481.	0.3
269	271.0	6.763	33.885		0.93	26.573	0.480	1481.	0.1
270	272.0	6.763	33.885		0.92	26.572	0.482	1481.	0.1
271	273.0	6.763	33.885		0.93	26.573	0.483	1481.	0.1
272	274.0	6.763	33.885		0.95	26.573	0.485	1481.	0.1
272	274.8	6.763	33.885		0.97	26.573	0.486	1481.	0.1

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	92	15 FEB 1987	0453	42°40.1'N	69°38.5'W	283

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/1	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.5	5.318	33.105		0.11	26.137	0.000	1470.	0.4
4	4.0	5.310	33.104		0.11	26.137	0.003	1470.	0.4
6	6.0	5.309	33.104		0.11	26.138	0.007	1470.	0.4
8	8.0	5.308	33.104		0.11	26.138	0.010	1470.	0.4
10	10.1	5.309	33.103		0.11	26.137	0.014	1470.	0.4
12	12.3	5.312	33.104		0.11	26.137	0.018	1470.	0.4
14	14.0	5.313	33.104		0.11	26.137	0.022	1470.	0.4
16	15.8	5.311	33.105		0.11	26.138	0.025	1470.	0.6
18	17.9	5.306	33.105		0.11	26.138	0.029	1470.	0.7
20	20.0	5.308	33.105		0.11	26.138	0.033	1470.	0.5
22	22.0	5.299	33.103		0.11	26.138	0.036	1470.	0.3
24	24.0	5.288	33.103		0.11	26.139	0.040	1470.	-0.3
26	25.9	5.296	33.104		0.11	26.139	0.044	1470.	-0.5
28	28.1	5.298	33.103		0.11	26.137	0.048	1470.	-0.6
30	29.7	5.306	33.104		0.11	26.137	0.051	1470.	-0.7
32	32.3	5.306	33.103		0.11	26.137	0.056	1470.	-0.8
34	34.0	5.306	33.103		0.11	26.137	0.059	1470.	-0.8
36	36.0	5.305	33.102		0.11	26.136	0.063	1470.	-0.6
38	38.2	5.305	33.102		0.11	26.136	0.067	1470.	-0.6
40	40.1	5.297	33.100		0.11	26.135	0.070	1470.	-0.6
41	41.8	5.298	33.100		0.11	26.136	0.074	1470.	-0.5
44	44.2	5.299	33.101		0.11	26.136	0.078	1470.	-0.4
46	46.0	5.299	33.100		0.11	26.136	0.081	1470.	-0.3
47	47.9	5.297	33.099		0.11	26.135	0.085	1470.	0.3
50	50.0	5.296	33.099		0.12	26.135	0.089	1470.	0.4
52	52.2	5.295	33.099		0.11	26.135	0.093	1470.	0.5
54	54.0	5.295	33.100		0.11	26.136	0.096	1470.	0.5
56	56.0	5.286	33.099		0.11	26.136	0.100	1470.	0.4
57	57.9	5.286	33.100		0.11	26.136	0.104	1470.	0.3
59	59.9	5.287	33.099		0.11	26.136	0.107	1470.	-0.2
62	62.0	5.288	33.099		0.11	26.136	0.111	1470.	-0.5
64	64.1	5.291	33.099		0.11	26.135	0.115	1471.	-0.5
65	66.0	5.292	33.099		0.11	26.135	0.119	1471.	-0.5
67	67.8	5.287	33.098		0.12	26.135	0.122	1471.	-0.4
69	70.0	5.289	33.098		0.12	26.135	0.126	1471.	-0.4
72	72.3	5.292	33.099		0.11	26.135	0.131	1471.	-0.3
73	74.0	5.290	33.098		0.12	26.135	0.134	1471.	-0.3
75	75.8	5.292	33.098		0.12	26.135	0.137	1471.	-0.3
77	78.0	5.292	33.098		0.11	26.135	0.141	1471.	-0.2
79	80.1	5.290	33.098		0.12	26.135	0.145	1471.	-0.3
81	81.9	5.288	33.098		0.12	26.135	0.149	1471.	-0.3
83	83.8	5.289	33.098		0.11	26.135	0.152	1471.	-0.4
85	86.1	5.288	33.098		0.11	26.135	0.156	1471.	-0.3
87	88.0	5.299	33.099		0.11	26.134	0.160	1471.	-0.3
89	89.9	5.306	33.100		0.11	26.134	0.164	1471.	-0.1
91	92.0	5.309	33.100		0.11	26.134	0.168	1471.	0.3
93	94.1	5.316	33.101		0.11	26.134	0.172	1471.	0.4
95	95.9	5.325	33.103		0.11	26.135	0.175	1471.	0.4
97	98.1	5.323	33.103		0.11	26.135	0.179	1471.	0.5
99	100.1	5.324	33.103		0.11	26.135	0.183	1471.	0.4

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	92	15 FEB 1987	0453	42°40.1'N	69°38.5'W	283

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/1	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.0	5.335	33.105		0.11	26.135	0.186	1471.	0.3
103	104.2	5.349	33.106		0.11	26.134	0.190	1471.	0.1
105	105.9	5.342	33.106		0.11	26.135	0.194	1471.	-0.4
107	107.9	5.332	33.104		0.11	26.134	0.197	1471.	-0.5
109	110.1	5.328	33.103		0.11	26.135	0.202	1471.	-0.4
111	111.6	5.335	33.105		0.11	26.135	0.204	1471.	-0.5
113	114.2	5.343	33.104		0.11	26.133	0.209	1472.	-0.2
115	116.0	5.355	33.107		0.11	26.134	0.213	1472.	0.4
117	118.0	5.359	33.108		0.11	26.135	0.217	1472.	1.1
119	120.0	5.362	33.106		0.11	26.133	0.220	1472.	1.5
121	121.8	5.449	33.123		0.11	26.136	0.224	1472.	1.7
123	124.3	5.718	33.164		0.10	26.136	0.228	1473.	1.9
125	126.0	5.854	33.197		0.10	26.146	0.231	1474.	1.9
127	128.0	5.867	33.202		0.10	26.149	0.235	1474.	1.9
129	129.8	5.882	33.203		0.10	26.147	0.239	1474.	1.8
131	132.0	5.914	33.212		0.10	26.151	0.243	1474.	1.6
133	134.2	5.920	33.213		0.10	26.151	0.247	1474.	1.3
135	135.8	5.938	33.217		0.10	26.152	0.250	1474.	1.4
137	137.8	5.956	33.221		0.10	26.153	0.254	1475.	1.6
139	139.8	5.976	33.227		0.10	26.155	0.257	1475.	1.8
141	142.2	5.995	33.232		0.10	26.157	0.262	1475.	2.0
143	144.1	6.013	33.239		0.10	26.160	0.265	1475.	2.0
145	145.7	6.027	33.244		0.10	26.162	0.268	1475.	2.0
147	148.3	6.041	33.254		0.10	26.168	0.273	1475.	1.9
149	149.9	6.043	33.257		0.09	26.170	0.276	1475.	1.8
151	152.0	6.042	33.258		0.09	26.171	0.280	1475.	1.6
153	154.2	6.043	33.258		0.10	26.171	0.284	1475.	1.5
154	155.7	6.043	33.258		0.10	26.171	0.287	1475.	1.5
157	158.0	6.051	33.261		0.10	26.172	0.291	1475.	1.6
159	160.1	6.064	33.265		0.10	26.174	0.295	1475.	2.3
160	161.8	6.087	33.273		0.09	26.178	0.298	1476.	3.3
163	164.2	6.109	33.280		0.09	26.181	0.302	1476.	3.9
164	165.9	6.151	33.290		0.10	26.183	0.306	1476.	4.5
167	167.9	6.281	33.344		0.12	26.209	0.309	1477.	4.8
169	170.2	6.413	33.406		0.13	26.241	0.313	1477.	4.9
171	172.0	6.470	33.430		0.14	26.252	0.317	1477.	5.0
172	173.8	6.514	33.457		0.15	26.268	0.320	1478.	4.9
175	176.1	6.539	33.474		0.15	26.278	0.324	1478.	4.8
176	178.0	6.556	33.489		0.15	26.288	0.327	1478.	5.1
179	180.1	6.583	33.510		0.16	26.301	0.331	1478.	5.6
180	181.8	6.607	33.537		0.16	26.319	0.334	1478.	5.7
183	184.2	6.631	33.573		0.15	26.345	0.338	1478.	5.8
184	186.0	6.636	33.634		0.15	26.392	0.341	1479.	5.6
187	188.2	6.638	33.667		0.17	26.418	0.345	1479.	5.1
188	190.0	6.638	33.669		0.16	26.419	0.348	1479.	4.4
190	191.8	6.638	33.673		0.16	26.422	0.350	1479.	3.5
192	194.1	6.639	33.676		0.17	26.424	0.354	1479.	2.4
194	196.1	6.640	33.677		0.16	26.426	0.357	1479.	1.8
196	198.1	6.641	33.681		0.17	26.428	0.361	1479.	2.0
198	200.0	6.640	33.685		0.17	26.431	0.364	1479.	2.2

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	92	15 FEB 1987	0453	42°40.1'N	69°38.5'W	283

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
200	201.9	6.641	33.685		0.17	26.431	0.367	1479.	2.4
202	204.0	6.664	33.693		0.19	26.435	0.370	1479.	2.6
204	206.1	6.691	33.708		0.21	26.443	0.374	1479.	2.7
206	207.9	6.705	33.719		0.21	26.450	0.377	1479.	2.7
208	209.9	6.709	33.726		0.22	26.455	0.380	1479.	2.6
210	212.0	6.713	33.731		0.22	26.458	0.383	1479.	2.6
212	214.1	6.714	33.734		0.22	26.461	0.386	1479.	2.5
214	216.0	6.716	33.737		0.23	26.462	0.389	1480.	2.4
216	217.6	6.718	33.741		0.24	26.465	0.392	1480.	2.3
218	220.1	6.722	33.751		0.25	26.472	0.396	1480.	2.3
220	222.1	6.724	33.757		0.25	26.477	0.399	1480.	2.4
222	224.0	6.724	33.758		0.24	26.478	0.402	1480.	2.5
224	225.9	6.722	33.759		0.23	26.479	0.405	1480.	2.5
226	228.2	6.718	33.765		0.21	26.484	0.409	1480.	2.5
228	230.0	6.718	33.771		0.21	26.489	0.411	1480.	2.6
230	232.0	6.720	33.780		0.22	26.495	0.414	1480.	2.7
232	234.1	6.722	33.785		0.23	26.499	0.418	1480.	2.7
234	235.8	6.725	33.793		0.26	26.505	0.420	1480.	2.5
236	238.0	6.730	33.799		0.28	26.509	0.424	1480.	2.3
238	240.0	6.736	33.805		0.30	26.513	0.427	1480.	2.0
240	241.8	6.737	33.806		0.31	26.514	0.430	1480.	1.7
242	244.2	6.739	33.808		0.32	26.515	0.433	1480.	1.4
244	245.8	6.740	33.809		0.32	26.516	0.436	1480.	1.2
246	248.2	6.740	33.809		0.32	26.516	0.440	1480.	1.2
247	249.6	6.740	33.809		0.32	26.516	0.442	1480.	1.3
250	252.2	6.741	33.810		0.32	26.517	0.446	1480.	1.4
252	254.0	6.742	33.813		0.33	26.518	0.449	1480.	1.4
254	255.9	6.746	33.818		0.35	26.522	0.451	1480.	1.6
256	258.2	6.748	33.819		0.37	26.523	0.455	1480.	1.8
258	260.2	6.749	33.821		0.38	26.524	0.458	1480.	2.1
260	262.0	6.751	33.822		0.40	26.525	0.461	1481.	2.5
262	263.9	6.753	33.827		0.40	26.528	0.464	1481.	2.7
264	265.9	6.760	33.838		0.44	26.536	0.467	1481.	3.4
265	267.3	6.768	33.847		0.45	26.543	0.469	1481.	3.9
266	268.0	6.776	33.858		0.54	26.550	0.470	1481.	4.3
267	269.0	6.780	33.863		0.61	26.553	0.471	1481.	4.5
268	270.1	6.806	33.892		0.74	26.572	0.473	1481.	4.4
269	270.9	6.812	33.898		0.84	26.576	0.474	1481.	4.0
270	272.1	6.817	33.903		0.87	26.580	0.476	1481.	3.4
271	273.0	6.817	33.903		0.90	26.580	0.477	1481.	2.8
272	274.1	6.818	33.904		0.90	26.580	0.479	1481.	2.8
273	275.0	6.818	33.904		0.91	26.580	0.480	1481.	2.8
274	276.0	6.818	33.904		0.92	26.580	0.482	1481.	2.8
274	276.6	6.818	33.904		0.96	26.581	0.483	1481.	2.8

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	93	15 FEB 1987	0636	42°48.1'N	69°45.6'W	261

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
4	4.5	4.134	32.669		0.14	25.919	0.000	1464.	-0.6
6	6.1	4.134	32.669		0.14	25.919	0.003	1464.	-0.6
8	8.0	4.131	32.669		0.14	25.919	0.007	1464.	-0.6
10	10.0	4.132	32.668		0.14	25.918	0.012	1464.	-0.6
12	12.0	4.138	32.668		0.14	25.918	0.016	1464.	-0.6
14	14.0	4.136	32.668		0.14	25.918	0.020	1464.	-0.6
16	15.9	4.148	32.668		0.14	25.917	0.024	1464.	-0.6
18	18.2	4.149	32.669		0.14	25.917	0.029	1465.	-0.2
20	20.0	4.148	32.668		0.14	25.917	0.032	1465.	-0.1
22	21.9	4.157	32.670		0.14	25.918	0.036	1465.	0.4
24	24.0	4.158	32.670		0.14	25.917	0.041	1465.	0.7
26	25.9	4.179	32.674		0.14	25.919	0.045	1465.	1.0
28	28.3	4.183	32.673		0.14	25.917	0.049	1465.	1.4
30	29.8	4.201	32.677		0.14	25.918	0.053	1465.	1.6
32	32.0	4.235	32.684		0.14	25.921	0.057	1465.	1.9
34	34.1	4.295	32.696		0.14	25.924	0.061	1465.	2.1
36	36.0	4.308	32.702		0.14	25.928	0.065	1466.	2.3
38	38.0	4.318	32.705		0.14	25.929	0.070	1466.	2.6
40	40.0	4.366	32.719		0.14	25.935	0.074	1466.	2.8
42	42.0	4.386	32.725		0.14	25.938	0.078	1466.	2.9
44	44.0	4.435	32.741		0.14	25.946	0.082	1466.	2.9
46	46.0	4.511	32.761		0.13	25.954	0.086	1467.	2.8
48	48.0	4.577	32.781		0.12	25.962	0.090	1467.	2.6
50	49.9	4.590	32.783		0.12	25.963	0.094	1467.	2.5
51	51.9	4.592	32.784		0.12	25.963	0.098	1467.	2.4
54	54.0	4.633	32.791		0.12	25.964	0.102	1467.	2.3
56	56.0	4.711	32.809		0.12	25.970	0.106	1468.	2.3
58	58.1	4.770	32.823		0.12	25.975	0.111	1468.	2.5
59	59.9	4.797	32.833		0.12	25.980	0.114	1468.	2.6
62	62.1	4.821	32.839		0.12	25.982	0.119	1468.	2.7
63	63.9	4.867	32.854		0.12	25.989	0.122	1468.	2.9
65	66.0	4.926	32.868		0.12	25.993	0.127	1469.	3.0
68	68.1	4.985	32.881		0.11	25.997	0.131	1469.	3.1
69	70.0	5.278	32.929		0.11	26.002	0.135	1470.	3.1
71	71.9	5.410	32.970		0.11	26.019	0.138	1471.	3.1
74	74.2	5.442	32.978		0.11	26.022	0.143	1471.	3.0
75	75.9	5.457	32.986		0.11	26.027	0.146	1471.	2.9
77	78.1	5.471	32.990		0.11	26.028	0.151	1471.	2.7
79	79.8	5.497	33.004		0.12	26.036	0.154	1472.	2.5
81	81.9	5.504	33.007		0.11	26.038	0.158	1472.	2.5
83	83.9	5.492	33.009		0.11	26.041	0.162	1472.	2.5
86	86.2	5.496	33.017		0.11	26.047	0.167	1472.	2.5
87	88.0	5.497	33.021		0.11	26.049	0.170	1472.	2.3
89	89.9	5.412	33.014		0.10	26.054	0.174	1471.	2.2
91	92.1	5.392	33.016		0.10	26.058	0.178	1471.	2.1
93	93.8	5.396	33.017		0.10	26.058	0.181	1471.	2.0
96	96.3	5.409	33.021		0.10	26.060	0.186	1471.	1.9
97	98.2	5.423	33.026		0.10	26.063	0.190	1472.	1.8
99	100.0	5.436	33.031		0.10	26.065	0.194	1472.	1.8
101	102.0	5.461	33.038		0.10	26.068	0.198	1472.	1.8

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	93	15 FEB 1987	0636	42°48.1'N	69°45.6'W	261

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
103	103.9	5.473	33.043		0.10	26.070	0.201	1472.	2.1
105	105.8	5.478	33.043		0.10	26.070	0.205	1472.	2.3
107	108.2	5.511	33.053		0.10	26.073	0.210	1472.	2.5
109	109.9	5.568	33.063		0.10	26.075	0.213	1472.	2.6
111	112.1	5.628	33.089		0.10	26.088	0.217	1473.	2.6
113	114.0	5.594	33.090		0.11	26.093	0.221	1473.	2.7
115	115.9	5.588	33.090		0.11	26.094	0.224	1473.	2.6
117	118.2	5.641	33.102		0.11	26.097	0.229	1473.	2.3
119	120.0	5.693	33.114		0.11	26.100	0.232	1473.	1.9
121	121.8	5.745	33.128		0.11	26.105	0.236	1473.	1.9
123	123.9	5.770	33.133		0.11	26.106	0.240	1473.	1.9
125	126.2	5.792	33.136		0.11	26.106	0.244	1474.	1.9
127	127.8	5.865	33.148		0.15	26.106	0.247	1474.	1.8
129	130.2	6.075	33.191		0.19	26.115	0.252	1475.	2.0
131	131.8	6.130	33.202		0.21	26.116	0.255	1475.	2.3
133	134.1	6.218	33.220		0.24	26.119	0.259	1476.	2.5
135	136.0	6.313	33.233		0.28	26.117	0.263	1476.	2.6
137	138.1	6.386	33.261		0.28	26.130	0.267	1476.	2.5
139	140.1	6.387	33.268		0.28	26.135	0.271	1476.	2.6
141	141.8	6.379	33.269		0.28	26.137	0.274	1476.	2.6
143	144.1	6.381	33.274		0.28	26.141	0.278	1476.	2.8
145	146.1	6.388	33.280		0.28	26.145	0.282	1476.	2.8
147	147.8	6.382	33.282		0.28	26.147	0.285	1477.	2.9
149	149.9	6.362	33.287		0.28	26.154	0.289	1476.	3.0
151	151.9	6.301	33.289		0.25	26.163	0.293	1476.	3.0
153	153.8	6.274	33.294		0.24	26.171	0.296	1476.	3.0
154	155.8	6.277	33.300		0.25	26.175	0.300	1476.	2.9
157	158.1	6.297	33.309		0.27	26.179	0.304	1476.	2.8
159	159.9	6.308	33.317		0.29	26.184	0.307	1476.	3.0
161	162.0	6.321	33.325		0.29	26.189	0.311	1477.	3.3
163	164.1	6.326	33.327		0.30	26.190	0.315	1477.	3.6
164	165.7	6.346	33.340		0.38	26.197	0.318	1477.	4.0
167	168.1	6.410	33.382		0.42	26.223	0.322	1477.	4.6
168	169.8	6.432	33.397		0.47	26.232	0.326	1477.	5.3
171	172.1	6.457	33.413		0.50	26.241	0.330	1477.	5.7
172	173.9	6.488	33.440		0.60	26.258	0.333	1478.	5.9
175	176.1	6.555	33.509		0.70	26.304	0.337	1478.	6.0
176	177.8	6.602	33.555		0.69	26.334	0.340	1478.	6.0
178	180.0	6.628	33.581		0.58	26.351	0.343	1478.	5.9
180	182.0	6.656	33.607		0.46	26.368	0.347	1479.	5.6
183	184.1	6.692	33.641		0.40	26.390	0.350	1479.	5.1
184	185.9	6.695	33.657		0.22	26.402	0.353	1479.	4.8
186	188.0	6.710	33.676		0.17	26.415	0.357	1479.	4.5
188	189.9	6.714	33.696		0.16	26.431	0.360	1479.	4.2
191	192.1	6.712	33.711		0.15	26.442	0.363	1479.	3.8
192	194.0	6.711	33.716		0.15	26.447	0.366	1479.	3.7
194	196.0	6.712	33.722		0.15	26.451	0.369	1479.	3.4
196	198.0	6.711	33.731		0.15	26.458	0.373	1479.	3.2
198	200.0	6.709	33.740		0.15	26.466	0.376	1479.	3.2
200	201.9	6.715	33.753		0.15	26.475	0.379	1479.	3.1

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	93	15 FEB 1987	0636	42°48.1'N	69°45.6'W	261

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
202	204.0	6.718	33.759		0.15	26.480	0.382	1479.	3.2
204	205.9	6.719	33.764		0.16	26.483	0.385	1479.	3.1
206	207.9	6.723	33.775		0.17	26.491	0.388	1479.	3.0
208	210.0	6.725	33.780		0.17	26.495	0.392	1480.	3.0
210	211.9	6.729	33.792		0.18	26.504	0.394	1480.	3.0
212	213.9	6.732	33.799		0.20	26.509	0.398	1480.	3.0
214	216.1	6.734	33.804		0.20	26.512	0.401	1480.	2.9
216	218.0	6.739	33.815		0.22	26.521	0.404	1480.	2.8
218	219.8	6.741	33.819		0.23	26.523	0.407	1480.	2.7
220	221.9	6.747	33.826		0.27	26.529	0.410	1480.	2.5
222	224.0	6.754	33.834		0.34	26.534	0.413	1480.	2.3
224	226.0	6.759	33.839		0.39	26.537	0.416	1480.	2.0
226	228.1	6.762	33.841		0.43	26.538	0.419	1480.	1.7
228	229.9	6.763	33.842		0.45	26.539	0.422	1480.	1.4
230	232.1	6.764	33.843		0.47	26.540	0.425	1480.	1.3
232	234.2	6.765	33.843		0.48	26.540	0.429	1480.	1.4
234	235.9	6.765	33.844		0.49	26.540	0.431	1480.	1.6
236	237.9	6.766	33.846		0.53	26.542	0.434	1480.	1.9
238	240.2	6.768	33.850		0.57	26.544	0.438	1480.	2.0
240	241.8	6.774	33.858		0.63	26.550	0.440	1480.	2.2
242	244.3	6.779	33.863		0.65	26.553	0.444	1480.	2.2
243	245.2	6.782	33.867		0.68	26.556	0.445	1480.	2.5
244	246.0	6.781	33.865		0.68	26.555	0.446	1480.	2.6
245	247.0	6.783	33.867		0.69	26.556	0.448	1480.	2.7
246	248.0	6.785	33.869		0.71	26.557	0.449	1480.	2.9
247	248.9	6.799	33.883		0.75	26.566	0.451	1481.	2.9
248	249.9	6.802	33.884		0.75	26.567	0.452	1481.	2.8
249	251.0	6.807	33.890		0.77	26.571	0.454	1481.	2.8
250	252.0	6.811	33.893		0.79	26.573	0.455	1481.	2.8
251	253.0	6.811	33.893		0.79	26.573	0.457	1481.	2.8
252	254.0	6.811	33.893		0.79	26.573	0.458	1481.	2.8

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	94	15 FEB 1987	0813	42°56.9'N	69°52.1'W	231

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
5	4.7	4.082	32.690		0.14	25.941	0.000	1464.	-0.6
6	6.0	4.081	32.690		0.14	25.941	0.003	1464.	-0.6
8	7.9	4.083	32.690		0.14	25.941	0.007	1464.	-0.6
10	10.0	4.097	32.691		0.14	25.940	0.011	1464.	-0.6
12	12.0	4.099	32.691		0.13	25.940	0.015	1464.	-0.6
14	14.1	4.099	32.691		0.14	25.940	0.019	1464.	-0.5
16	15.9	4.100	32.691		0.14	25.940	0.023	1464.	-0.4
18	18.1	4.101	32.691		0.14	25.940	0.028	1464.	0.1
20	20.0	4.101	32.690		0.13	25.939	0.031	1464.	0.3
22	21.9	4.101	32.691		0.14	25.940	0.035	1464.	0.4
24	24.1	4.102	32.692		0.13	25.940	0.040	1464.	0.7
26	25.8	4.101	32.691		0.13	25.940	0.043	1464.	0.7
28	28.1	4.100	32.691		0.13	25.940	0.048	1465.	1.7
30	29.9	4.101	32.692		0.13	25.941	0.052	1465.	3.1
32	32.0	4.111	32.696		0.13	25.943	0.056	1465.	3.8
34	34.0	4.110	32.694		0.14	25.942	0.060	1465.	4.1
36	36.1	4.220	32.738		0.13	25.965	0.064	1465.	4.2
38	38.0	4.534	32.841		0.13	26.015	0.068	1467.	4.3
40	40.0	4.629	32.846		0.13	26.008	0.072	1467.	4.1
42	42.0	4.652	32.848		0.13	26.007	0.076	1467.	3.7
44	43.9	4.673	32.855		0.13	26.011	0.080	1467.	2.9
46	46.1	4.732	32.877		0.13	26.022	0.085	1468.	2.0
47	47.9	4.750	32.882		0.12	26.024	0.088	1468.	2.1
50	50.1	4.762	32.886		0.12	26.026	0.092	1468.	1.9
52	52.0	4.777	32.889		0.12	26.027	0.096	1468.	1.6
54	53.9	4.795	32.892		0.12	26.027	0.100	1468.	1.2
56	56.0	4.795	32.892		0.12	26.027	0.104	1468.	1.2
57	57.9	4.788	32.892		0.12	26.028	0.108	1468.	1.3
60	60.0	4.787	32.892		0.12	26.028	0.112	1468.	1.4
61	61.9	4.798	32.898		0.12	26.031	0.116	1468.	1.7
64	64.0	4.809	32.902		0.12	26.033	0.120	1468.	1.9
65	66.0	4.821	32.904		0.12	26.034	0.124	1468.	2.1
67	68.0	4.840	32.911		0.11	26.037	0.128	1469.	2.2
69	70.1	4.902	32.925		0.11	26.042	0.132	1469.	2.5
71	71.9	4.963	32.940		0.11	26.047	0.135	1469.	2.7
73	74.1	5.047	32.954		0.11	26.049	0.140	1470.	2.7
75	76.0	5.119	32.972		0.11	26.055	0.143	1470.	2.6
77	78.0	5.219	33.001		0.10	26.066	0.147	1470.	2.4
79	80.0	5.291	33.012		0.10	26.066	0.151	1471.	2.3
81	82.0	5.292	33.012		0.10	26.066	0.155	1471.	2.3
83	84.0	5.295	33.015		0.10	26.068	0.159	1471.	2.2
85	85.9	5.307	33.019		0.10	26.070	0.163	1471.	2.2
88	88.3	5.378	33.038		0.10	26.077	0.167	1471.	2.4
89	89.7	5.383	33.043		0.10	26.080	0.170	1471.	2.5
91	92.2	5.456	33.062		0.10	26.087	0.175	1472.	2.6
93	94.0	5.495	33.071		0.10	26.089	0.178	1472.	2.6
95	96.0	5.505	33.075		0.10	26.092	0.182	1472.	2.5
97	98.0	5.540	33.090		0.09	26.099	0.186	1472.	2.4
99	100.1	5.573	33.100		0.09	26.103	0.190	1472.	2.2
101	102.0	5.584	33.103		0.09	26.104	0.194	1472.	2.0

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	94	15 FEB 1987	0813	42°56.9'N	69°52.1'W	231

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
103	104.0	5.602	33.110		0.09	26.108	0.197	1472.	1.8
105	105.9	5.605	33.110		0.09	26.108	0.201	1473.	1.5
107	108.1	5.610	33.112		0.09	26.108	0.205	1473.	1.5
109	110.0	5.617	33.114		0.09	26.109	0.209	1473.	1.7
111	112.0	5.630	33.117		0.09	26.110	0.213	1473.	1.8
113	114.0	5.661	33.127		0.09	26.114	0.216	1473.	1.8
115	116.0	5.730	33.139		0.12	26.115	0.220	1473.	1.8
117	118.0	5.808	33.161		0.15	26.123	0.224	1474.	1.7
119	120.0	5.858	33.167		0.16	26.122	0.228	1474.	1.6
121	122.0	5.878	33.170		0.17	26.122	0.232	1474.	1.5
123	124.0	5.883	33.173		0.16	26.123	0.235	1474.	1.7
125	126.0	5.858	33.167		0.14	26.122	0.239	1474.	1.7
127	127.9	5.846	33.171		0.10	26.126	0.243	1474.	2.0
129	130.1	5.867	33.178		0.09	26.129	0.247	1474.	2.2
131	132.0	5.902	33.191		0.09	26.135	0.250	1474.	2.4
133	133.9	5.939	33.198		0.09	26.136	0.254	1474.	2.4
135	136.1	5.990	33.215		0.09	26.144	0.258	1475.	2.3
137	137.9	5.998	33.219		0.09	26.145	0.262	1475.	2.1
139	140.1	6.016	33.226		0.09	26.149	0.266	1475.	2.0
141	142.0	6.021	33.227		0.09	26.149	0.269	1475.	1.8
143	144.0	6.039	33.233		0.09	26.152	0.273	1475.	1.6
145	146.0	6.047	33.235		0.09	26.153	0.277	1475.	1.6
147	148.0	6.061	33.240		0.09	26.155	0.280	1475.	1.7
149	150.0	6.074	33.243		0.08	26.155	0.284	1475.	1.8
151	152.1	6.089	33.248		0.08	26.158	0.288	1475.	1.8
153	153.9	6.116	33.257		0.08	26.161	0.292	1476.	1.9
155	156.1	6.140	33.265		0.08	26.164	0.296	1476.	1.9
157	158.0	6.155	33.269		0.08	26.165	0.299	1476.	1.9
159	160.0	6.158	33.271		0.08	26.167	0.303	1476.	1.9
161	161.9	6.173	33.279		0.09	26.171	0.307	1476.	1.8
163	163.9	6.184	33.280		0.09	26.171	0.310	1476.	1.8
165	166.1	6.203	33.289		0.09	26.175	0.314	1476.	1.8
166	167.9	6.202	33.289		0.09	26.176	0.317	1476.	2.4
169	170.1	6.156	33.285		0.10	26.179	0.322	1476.	2.8
171	171.9	6.136	33.283		0.11	26.180	0.325	1476.	3.3
172	173.9	6.114	33.284		0.12	26.183	0.329	1476.	3.7
175	176.1	6.200	33.328		0.15	26.206	0.333	1476.	4.0
176	177.7	6.262	33.346		0.15	26.213	0.336	1477.	4.2
179	180.1	6.364	33.383		0.15	26.230	0.340	1477.	4.4
180	182.0	6.411	33.405		0.14	26.241	0.343	1477.	4.3
183	184.1	6.461	33.430		0.21	26.254	0.347	1478.	4.1
184	185.8	6.468	33.436		0.24	26.258	0.350	1478.	4.0
187	188.1	6.494	33.465		0.30	26.277	0.354	1478.	3.7
188	190.0	6.506	33.471		0.30	26.280	0.357	1478.	3.6
190	191.9	6.524	33.482		0.25	26.287	0.361	1478.	3.6
192	194.1	6.568	33.502		0.23	26.297	0.365	1478.	3.8
194	195.9	6.586	33.509		0.24	26.300	0.368	1478.	4.4
196	198.0	6.613	33.528		0.25	26.312	0.371	1479.	5.1
198	200.0	6.623	33.542		0.24	26.321	0.375	1479.	5.6
200	202.0	6.604	33.571		0.27	26.346	0.378	1479.	6.0

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	94	15 FEB 1987	0813	42°56.9'N	69°52.1'W	231

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
202	204.0	6.629	33.628		0.32	26.388	0.382	1479.	6.3
204	206.1	6.664	33.674		0.36	26.420	0.385	1479.	6.5
206	208.0	6.706	33.714		0.41	26.446	0.388	1479.	6.5
208	209.9	6.724	33.732		0.43	26.458	0.391	1479.	6.3
210	212.1	6.758	33.782		0.34	26.492	0.395	1480.	5.9
212	213.9	6.772	33.806		0.37	26.510	0.397	1480.	5.6
213	215.3	6.782	33.830		0.57	26.527	0.400	1480.	5.2
214	216.1	6.783	33.835		0.62	26.530	0.401	1480.	4.6
215	216.9	6.780	33.832		0.66	26.529	0.402	1480.	3.4
216	218.0	6.783	33.835		0.73	26.530	0.404	1480.	2.7
217	219.1	6.785	33.838		0.76	26.533	0.405	1480.	2.1
218	220.0	6.782	33.831		0.72	26.528	0.407	1480.	2.2
219	220.9	6.783	33.834		0.78	26.530	0.408	1480.	2.5
220	222.0	6.790	33.849		0.89	26.541	0.410	1480.	2.5
221	223.1	6.789	33.847		0.89	26.539	0.411	1480.	2.5
222	224.0	6.789	33.849		0.91	26.541	0.413	1480.	2.5
223	224.7	6.792	33.852		0.94	26.543	0.414	1480.	2.5

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	95	15 FEB 1987	0923	43°05.4'N	69°58.5'W	157

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
2	2.4	3.849	32.558		0.14	25.859	0.000	1463.	1.1
4	4.0	3.858	32.557		0.14	25.857	0.004	1463.	1.1
6	6.1	3.853	32.558		0.14	25.858	0.008	1463.	1.1
8	8.1	3.853	32.557		0.14	25.858	0.012	1463.	1.1
10	9.8	3.862	32.559		0.14	25.859	0.016	1463.	1.1
12	12.0	3.862	32.556		0.14	25.856	0.021	1463.	1.1
14	13.9	3.880	32.563		0.14	25.860	0.025	1463.	1.2
16	16.0	3.859	32.558		0.13	25.857	0.029	1463.	2.5
18	18.1	3.881	32.575		0.13	25.869	0.033	1463.	3.4
20	20.0	3.883	32.564		0.14	25.860	0.038	1463.	4.7
22	22.0	3.874	32.568		0.13	25.864	0.042	1463.	5.7
24	24.0	4.110	32.651		0.12	25.907	0.046	1464.	6.2
26	26.0	4.703	32.755		0.12	25.928	0.050	1467.	6.5
28	28.0	5.440	32.942		0.12	25.993	0.054	1470.	6.5
30	29.9	5.537	32.992		0.11	26.022	0.058	1471.	6.1
32	32.0	5.546	32.997		0.10	26.025	0.062	1471.	5.3
34	34.0	5.497	33.016		0.10	26.046	0.066	1471.	4.4
36	36.0	5.481	33.017		0.11	26.048	0.070	1471.	3.1
38	38.0	5.492	33.020		0.10	26.049	0.074	1471.	2.4
40	40.0	5.497	33.021		0.10	26.050	0.078	1471.	2.1
42	42.1	5.500	33.022		0.10	26.050	0.082	1471.	1.6
44	43.9	5.511	33.025		0.10	26.051	0.086	1471.	1.7
46	46.1	5.522	33.031		0.11	26.055	0.090	1471.	1.8
48	47.9	5.522	33.036		0.11	26.059	0.093	1471.	1.8
50	50.0	5.526	33.036		0.11	26.059	0.097	1471.	1.8
52	52.2	5.553	33.045		0.11	26.062	0.102	1471.	1.7
54	54.0	5.558	33.047		0.11	26.064	0.105	1471.	1.6
56	56.1	5.560	33.047		0.11	26.063	0.109	1471.	1.6
57	58.0	5.572	33.052		0.11	26.065	0.113	1472.	1.6
60	60.1	5.585	33.057		0.11	26.067	0.117	1472.	1.5
62	62.0	5.607	33.063		0.11	26.070	0.121	1472.	1.6
63	63.9	5.622	33.066		0.11	26.071	0.124	1472.	1.7
65	66.0	5.637	33.070		0.11	26.072	0.128	1472.	1.8
67	67.9	5.649	33.073		0.11	26.073	0.132	1472.	1.9
70	70.1	5.667	33.079		0.11	26.076	0.136	1472.	1.9
71	71.9	5.671	33.084		0.10	26.079	0.140	1472.	1.9
74	74.1	5.699	33.094		0.10	26.083	0.144	1472.	1.9
75	75.9	5.711	33.099		0.10	26.086	0.148	1472.	1.8
77	78.1	5.716	33.101		0.10	26.087	0.152	1472.	1.7
79	79.9	5.720	33.102		0.10	26.087	0.155	1473.	1.4
81	82.1	5.745	33.107		0.10	26.088	0.159	1473.	1.2
83	84.0	5.756	33.111		0.11	26.090	0.163	1473.	1.1
85	86.0	5.764	33.113		0.11	26.091	0.167	1473.	1.2
87	88.0	5.766	33.114		0.11	26.091	0.171	1473.	1.2
89	90.0	5.771	33.115		0.11	26.091	0.175	1473.	1.3
91	92.0	5.781	33.116		0.11	26.091	0.179	1473.	1.7
93	94.0	5.816	33.126		0.11	26.094	0.182	1473.	2.0
95	96.0	5.830	33.130		0.12	26.096	0.186	1473.	2.1
97	98.0	5.858	33.138		0.12	26.099	0.190	1473.	2.2
99	100.0	5.859	33.149		0.13	26.108	0.194	1473.	2.3

SHIP	CRUISE	STATION	DATE	EST	LATITUDE	LONGITUDE	DEPTH
OC	181	95	15 FEB 1987	0923	43°05.4'N	69°58.5'W	157

DEPTH m	PRESS dbar	TEMP °C	SALIN psu	OXY ml/l	ATN m^{-1}	SIGT gm/cm^3	DYHT A $10m^2/s^2$	S SPD m/s	N cph
101	102.1	5.870	33.153		0.13	26.110	0.198	1474.	2.1
103	103.9	5.900	33.161		0.14	26.112	0.201	1474.	2.1
105	105.9	5.904	33.162		0.14	26.113	0.205	1474.	1.9
107	108.0	5.925	33.169		0.14	26.116	0.209	1474.	1.8
109	110.0	5.934	33.171		0.15	26.116	0.213	1474.	1.8
111	112.0	5.970	33.182		0.16	26.120	0.217	1474.	1.8
113	114.1	5.985	33.187		0.17	26.122	0.221	1474.	1.9
115	115.9	5.986	33.191		0.17	26.125	0.224	1474.	2.2
117	118.2	5.965	33.189		0.19	26.126	0.228	1474.	2.4
119	120.2	5.959	33.189		0.19	26.127	0.232	1474.	2.8
121	122.3	6.009	33.204		0.17	26.133	0.236	1475.	3.2
123	124.2	6.073	33.230		0.17	26.145	0.240	1475.	3.4
125	125.8	6.091	33.237		0.19	26.148	0.243	1475.	3.5
127	128.0	6.147	33.266		0.21	26.164	0.247	1475.	3.5
129	130.1	6.179	33.285		0.23	26.175	0.251	1475.	3.3
131	131.8	6.180	33.285		0.23	26.175	0.254	1475.	2.9
133	134.1	6.199	33.297		0.23	26.182	0.258	1476.	2.6
135	135.9	6.202	33.298		0.26	26.183	0.261	1476.	2.1
137	138.0	6.202	33.301		0.24	26.185	0.265	1476.	1.8
139	140.1	6.202	33.303		0.30	26.187	0.269	1476.	1.7
140	141.2	6.201	33.305		0.23	26.188	0.271	1476.	1.3
141	141.9	6.201	33.303		0.34	26.187	0.272	1476.	1.1
142	143.0	6.201	33.304		0.26	26.188	0.274	1476.	1.0
143	144.2	6.201	33.304		0.26	26.188	0.277	1476.	1.2
144	144.9	6.202	33.302		0.32	26.186	0.278	1476.	1.4
145	146.0	6.202	33.304		0.33	26.187	0.280	1476.	1.6
146	147.1	6.199	33.308		0.28	26.191	0.282	1476.	1.6
147	147.9	6.199	33.308		0.30	26.191	0.283	1476.	1.6
148	148.9	6.197	33.310		0.29	26.193	0.285	1476.	1.6
149	150.0	6.198	33.309		0.31	26.192	0.287	1476.	1.6
150	150.9	6.198	33.309		0.28	26.192	0.289	1476.	1.6

Appendix II

Manufacturers' specifications for instruments used on R/V OCEANUS Cruise 181. See text for calibration of CTD.

Instrument	Sensor	Range	Accuracy	Resolution
CTD	Conductivity	1 to 65 mmho	±0.005 mmhos	0.001 mmhos
	Temperature	-32 to +32°C	±0.005°C	0.0005°C
	Pressure	0-3200 dbar	±3.2 dbar	0.048 dbar
	Oxygen	0-2 jA	±2 nA	0.5 nA
	Light	0-4.50 v	±0.1 v	0.01 v
Salinometer	--	0-40 ppt	±0.003 ppt	0.0002 ppt
Winkler	--	0-10 ml/l	±0.04 ml/l	0.2%

*See text for discussion of temperature and depth accuracy.

Appendix III.- NBIS CTD 9-track tape format

The NBIS CTD tape recorder interface writes two types of records; data records and header records. The records are 512 bytes (8 bits/byte) long. The usual sequence in a CTD cast will be one header record, followed by data records, followed by an End-Of-File.

Data records

A single scan of CTD data is 13 bytes long, 1 byte of frame sync and 12 bytes of data (table 1). An integer number of data scans is packed into 512 byte data records. For the USGS CTD, a data record contains 39 scans of data, and the remaining 5 bytes in the data record are filled with zeros.

Header records

A scan of header information consists of 8 bytes. The first byte is frame sync, which is either 00 (all "0"s) or FF (all "1"s). The remaining 7 bytes represent 14 BCD digits (4 bits each) which may be set on the CTD front panel. The 8 byte scan of header information is padded with zeros. One header record is written on the 9-T tape when "enter CTD header" data button is pushed.

Appendix Table III-1. - Bit assignments for USGS NBIS CTD

Byte	Variable	Range	Conversion
1	Frame sync	15 or 240	
2	Pressure LSB	0-65535	÷ 20 = P (dbars)
3	Pressure MSB		
4	Temperature LSB	0-65535	÷ 2000 = T (°C)
5	Temperature MSB		
6	Conductivity LSB	0-65535	÷ 1000 C (mmho)
7	Conductivity MSB		
8	Sign		LSB = pressure negative 2nd = temperature negative 3rd = oxygen temperature negative 4th-8th = zero
9	Oxygen current	0-4096	÷ 2000 = current (jA)
10	(12 bits only)		
11	Oxygen temperature	0-255	x 256 ÷ 2000 T (°C)
12,13	Transmission	0-4096	x 32 ÷ 4096 = TR (volts)