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NOAA Data Report ERL AOML-8

CURRENT VELOCITY AND HYDROGRAPHIC OBSERVATIONS IN THE STRAITS OF FLORIDA, THE CARIBBEAN SEA AND OFFSHORE OF THE ANTILLEAN ARCHIPELAGO: SUBTROPICAL ATLANTIC CLIMATE STUDIES (STACS) 1984 AND 1985

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I. INTRODUCTION

The primary objectives of the Subtropical Atlantic Climate Study (STACS) are to increase our understanding of the dynamics of the North Atlantic subtropical gyre and to define which oceanographic processes are important in meridional heat flux. As the Florida Current has been shown to play an important role in this flux, the initial emphasis of STACS was to develop the capability to monitor the variability of oceanic heat and mass transport in the Straits of Florida. As described in Molinari et al. (1985), STACS consisted of several separate projects designed to verify the ability of different remote sensing techniques to measure continuously Florida Current velocity, transport and/or temperature. The verification data were collected by different organizations using independent instruments and techniques. Pegasus current profilers were used by the Atlantic Oceanographic and Meteorological Laboratory (NOAA/AOML) and the University of Miami Rosenstiel School of Marine and Atmospheric Science (RSMAS). Current meter moorings were deployed by RSMAS. The remote sensing techniques included an electromagnetic (telephone) cable monitored by the Pacific Marine Environmental Laboratory (NOAA/PMEL), a coastal radar system operated by the Wave Propagation Laboratory (NOAA/WPL), coastal tide and bottom pressure gauges used by AOML and acoustic techniques, RSMAS. Results from the verification experiment are described in a series of SCIENCE articles (Molinari et al., 1985). Data from STACS Pegasus cruises in the Straits of Florida are described in Williams et al. (1983), Leaman and Vertes (1983), Vertes and Leaman (1984), and Ratnaswamy et al. (1985).

STACS efforts are now directed at studying the effects of boundary currents along the Antillean Archipelago and in the Caribbean Sea on the dynamics of the subtropical gyre of the North Atlantic Ocean and on meridional heat flux. Pegasus and CTD data (including nutrient data) are being collected along the sections shown in Figure 1. Each section is not necessarily occupied during a particular cruise. CTD station positions also vary. In addition, continuous profiles of upper layer current structure are obtained along the trackline using an Ametek-Straza system.

II. DATA COLLECTION AND ANALYSIS

Data from STACS cruises conducted on the NOAA Ship RESEARCHER during five cruises--August 1984, April, May, August and October 1985--are listed in this report. Table 1 shows the type of data collected on each cruise. We now describe the techniques used to reduce the Pegasus, CTD, and XBT data to final form. The nutrient data and the Ametek-Straza data will be presented in separate data reports.

A. Pegasus Current Profiler

The Pegasus instrument is an acoustically-tracked, free-falling profiler of horizontal current components (Spain et al., 1981). A schematic of the Pegasus system as it is used in the Straits of Florida, the Caribbean Sea and offshore of the Antillean Archipelago is shown in Figure 2. The Pegasus instrument used by AOML consists of a hollow cylindrical metal tube with the electronics package sealed within. A flotation collar attached to the exterior of the cylinder provides the instrument buoyancy in the water.

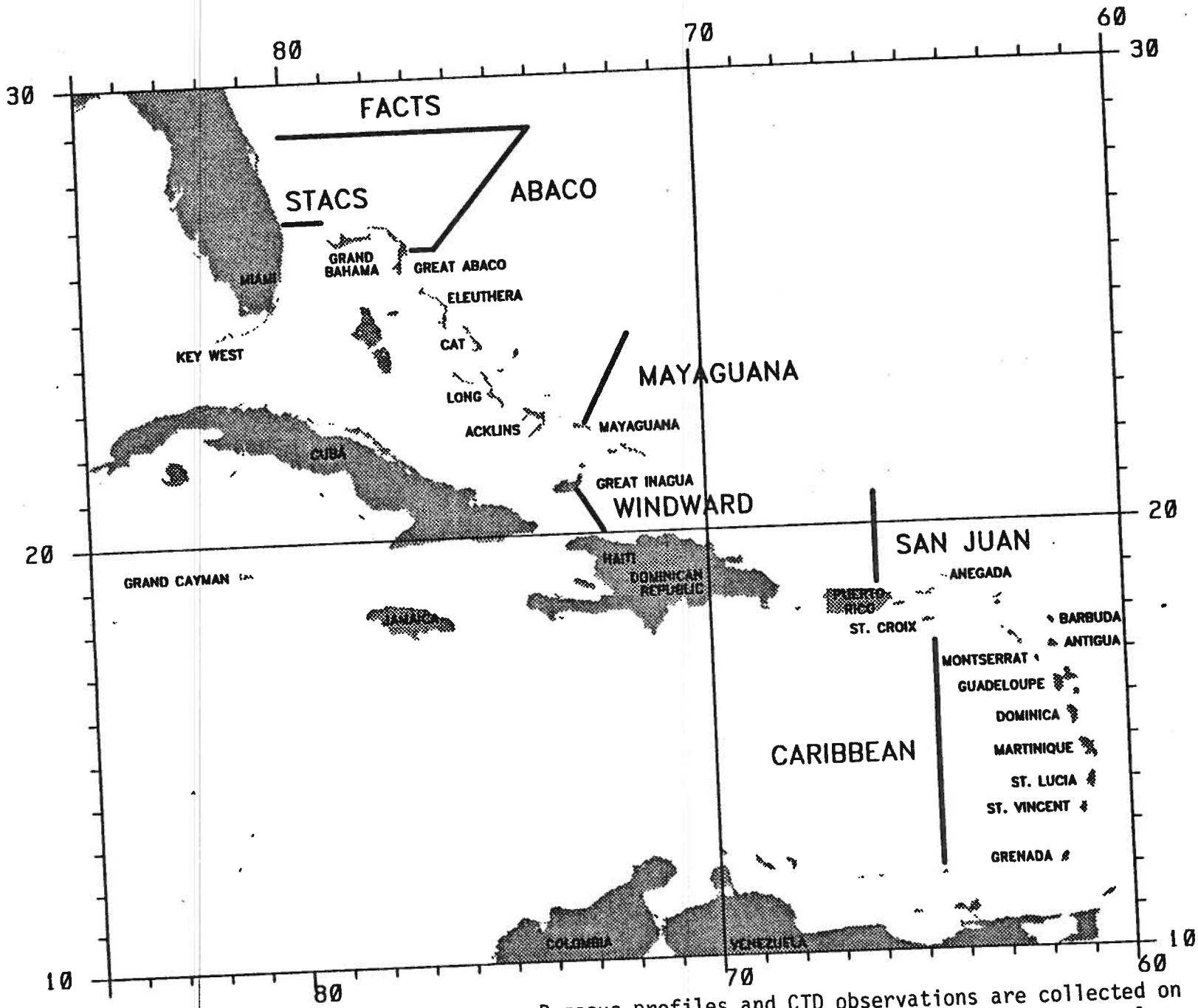

Figure 1: Map of the STACS study area. Pegasus profiles and CTD observations are collected on all but the Mayaguana section; only CTD stations are occupied along that particular line. Ametek-Straza data are also collected along the sections.

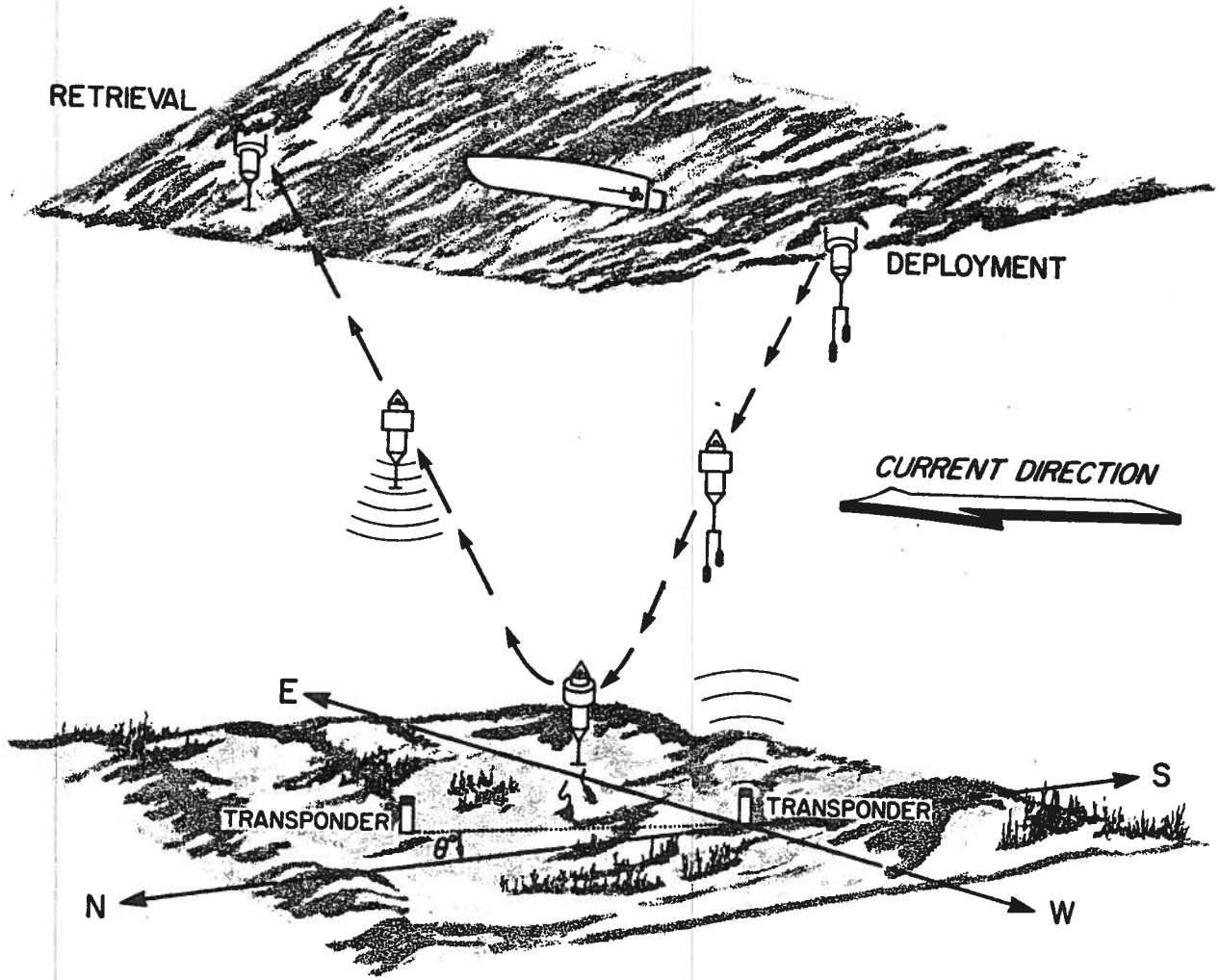

Figure 2: Schematic of the Pegasus current profiler.

Table 1. Types of Data Collected by Cruise.

Cruise	Vessel	Dates	Pegasus	CTD	XBT	Ametek-Straza
August 1984 (RES-STACS 17-84)	RESEARCHER	8/27-9/6/84	22	42	14	Continuous
April 1985 (RES-STACS 18-85)	RESEARCHER	4/17-5/17/85	49	91	81	Continuous
May 1985 (RES-STACS 19-85)	RESEARCHER	5/29-6/7/85	17	—	19	Continuous
August 1985 (RES-STACS 21-85)	RESEARCHER	8/13-9/6/85	41	91	50	Continuous
October 1985 (VK-STACS 22-85)	VIRGINIA KEY	10/26-11/1/85	11	—	6	——

Pegasus houses a transducer/receiver, a thermistor and a pressure sensor. When the Pegasus is in the water, its transducer interrogates two fixed transponders on the ocean bottom at a frequency of 10 KHz at an interval of eight or sixteen seconds. Each transponder responds at a different frequency. The Pegasus internally records the acoustic travel times from the transponders, along with temperature and pressure. Transponder frequency pairs are alternated between stations in order to avoid interference from adjacent stations.

The instrument is weighted at the beginning of the drop and falls at a rate between 20-50 cm/sec. This rate may be adjusted by adding or removing the weights contained inside the Pegasus. External weights are released by a bottom trip mechanism when the weights touch the ocean floor or by a pressure release when the Pegasus reaches a predetermined depth. The instrument ascends at approximately the same rate as it descends.

Each Pegasus station is defined by a unique geometry (see Table 2). A mean sound velocity profile for each station is used to convert the acoustic travel times from the transponders to the instrument into ranges in meters. The baseline becomes the base of a triangle which is projected onto the bottom. The X and Y coordinates of the instrument at each pressure can then be determined.

Following a Pegasus cast the contents of the instrument's solid state memory are transferred to a Hewlett Packard 85 computer for conversion to decimal values and storage on flexible diskettes. The conversion of raw data to a velocity profile is done on an HP-86 in three steps: editing, calibration and velocity computations. Following is a brief description of each step.

1. Editing

Two files are created for each Pegasus cast: an ASCII character header file on magnetic tape containing cast information and a multi-record data file on magnetic disk. Each record contains decimal values of the original Pegasus memory address, corresponding pressure and temperature sensor output counts and two travel times significant to 10^{-4} second. HP-86 BASIC programs allow graphic display and printed listings of the data for preliminary evaluation of data quality.

Errors can be introduced into the raw data due to instrument hardware errors and into the travel times by acoustic propagation irregularities such as the detection of reflected instead of direct path signals. Erroneous points are hand edited from the record and replaced by points estimated by a low order polynomial fit.

2. Calibration

Prior to each research cruise the Pegasus pressure sensor is calibrated to produce second order polynomial fits of pressure counts versus pressure in decibars (db). Standard deviations from the fits over the working range of the sensors are generally on the order of 1 db. After the raw data has been edited the pressure counts are converted to decibars. Pressure is further smoothed with a five point running mean. Cast limits (surface/bottom/surface)

Table 2. Summary of Pegasus Station Geometry.

Station	Transponder Parameters				Baseline Length (m)
	Latitude (N)	Longitude (W)	Frequency (KHz)	Depth (m)	
0	27°00.38′	79°56.46′	12.0	126.0	650
	27°00.08′	79°56.51′	11.5	134.0	
1	26°59.74′	79°52.37′	13.0	222.2	852
	26°59.34′	79°52.41′	12.5	219.1	
2	26°59.19′	79°47.26′	12.0	360.7	1210
	26°58.57′	79°47.31′	11.5	359.2	
3a	27°00.41′	79°41.48′	12.5	500.7	1489
	26°59.64′	79°41.51′	13.0	503.0	
4	26°59.42′	79°36.86′	12.0	613.0	1337
	26°58.72′	79°36.76′	11.5	618.3	
5	27°00.19′	79°30.02′	13.0	748.9	1499
	26°59.36′	79°29.97′	12.5	762.6	
6	26°59.91′	79°24.13′	11.5	717.6	1722
	26°59.15′	79°24.20′	12.0	696.4	
6a (July 1983)	27°00.75′	79°22.66′	11.5	688.0	1722
	26°59.79′	79°22.83′	12.0	690.0	
7	26°59.93′	79°17.68′	13.0	637.2	1313
7a (March 1984)	26°59.19′	79°17.63′	12.5	633.8	
8	27°00.21′	79°12.14′	11.5	505.9	1564
	26°59.34′	79°12.04′	12.0	516.6	
9a*	26°51.20′	79°36.16′	12.0	672.7	1338
	26°50.49′	79°36.20′	11.5	674.7	
9b*	29°08.23′	74°49.92′	12.5		
	29°08.05′	74°47.48′	12.0	4500	4252
10	28°41.91′	75°06.00′	12.5		
	28°41.90′	75°03.72′	12.0	4900	3762
11	28°14.84′	75°20.94′	12.5		
	28°14.39′	75°18.72′	12.0	4935	3639

*9a = southernmost in the Straits of Florida.
*9b = located northeastern most on the Abaco line.

Table 2. Summary of Pegasus Station Geometry (continued).

Station	Transponder Parameters				Baseline Length (m)
	Latitude (N)	Longitude (W)	Frequency (KHz)	Depth (m)	
12	28°14.84′ 28°14.39′	75°20.94′ 75°18.72′	12.5 12.0	4880	2907
13	27°21.93′ 27°21.80′	75°53.83′ 75°51.97′	12.5 12.0	4782	3199
14	26°55.16′ 26°55.05′	76°09.38′ 76°06.84′	12.5 12.0	4845	4195
15	26°31.75′ 26°31.62′	76°24.09′ 76°21.53′	12.5 12.0	4810	4296
16	26°32.86′ 26°32.86′	76°32.65′ 76°29.98′	13.0 11.5	4825	4410
17	26°33.43′ 26°31.41′	76°40.01′ 76°39.99′	12.5 12.0	4050	3937
18	26°32.56′ 26°30.53′	76°45.29′ 76°44.92′	13.0 11.5	3600	3570
19	26°33.07′ 26°32.26′	76°51.16′ 76°51.05′	12.5 12.0	800	1311
20	20°43.86′	73°07.92′	13.0 12.5	1340	2189
21	20°19.70′	73°01.70′	13.0 12.5	2690	3130
22	18°55.00′	66°07.00′	13.0 11.5	3140	3172
23	18°40.00′	66°07.00′	13.0 11.5	1545	1433
24	29°01.15′	78°48.40′	12.0 11.5	840	1769
25	29°00.70′	79°05.45′	13.0 12.5	807	1652
26	29°01.90′	79°26.85′	12.0 11.5	793	1646

Table 2. Summary of Pegasus Station Geometry (continued).

Station	Transponder Parameters				Baseline Length (m)
	Latitude (N)	Longitude (W)	Frequency (KHz)	Depth (m)	
27	29°02.90′	79°49.05′	12.0 11.5	622	1250
28	29°00.95′	79°55.65′	13.0 12.5	414	1050
29	29°00.50′	80°01.60	13.0 12.5	224	754
30	12°30.00′	63°29.36′	13.0 12.0	1100	1416
31	13°30.00′	63°33.00′	13.0 11.5	1180	1610
+32	15°01.60′	63°31.80′	12.5 12.0		
+33	16°29.50′	63°31.91′	12.5 12.0		

+Beacon stations.

are recorded in the header file and the data are split into downcast and upcast files containing two travel times and pressure (db).

3. Velocity Calculation

Given the transponder depths, baseline length, pressure and the travel times, the Pegasus position can be determined. Each station has an associated sound velocity profile used to calculate harmonic mean velocity and thus convert acoustic travel times to distance for input into the position equations. The resulting profiles of X and Y position (in unrotated baseline coordinates) versus depth are smoothed with a seven point convolution. The resulting U and V velocity components are then rotated into a true geographic coordinate system. Each cast produces two profiles: one represents the downcast portion and the other the upcast. Only one profile from each cast was chosen based on a subjective comparison of the up and down profiles and these data for each cruise are presented by increasing cast numbers in Appendix A. The positions represent deployment locations rather than the transponder positions listed in Table 1.

B. CTD Data

1. System Description

The Neil Brown Instrument Mark III CTD system used in STACS includes pressure, temperature, salinity and oxygen sensors. The oxygen data will be described in a future report. The unit is also equipped with a fast response thermistor.

The instrument scans at a rate of 30 scans per second. The descent rate is approximately 30 meters per minute to a depth of 200 meters then increases to 60 meters per minute for the remainder of the cast. CTD values are averaged in one decibar increments. Appendix B contains graphic representations of CTD profiles arranged by cruise and cast number. CTD values are listed at selected depths.

2. Calibration

Laboratory calibrations are used for the CTD pressure and temperature sensors. The rosette thermometer data have been shown to be in agreement with the CTD temperatures to within .01°C. Bottle salinities are collected using a rosette sampler lowered with the CTD, with the final values determined using a Guildline Autosal unit. The bottle salinity values are used for calibration of the raw CTD salinity data by means of the following steps:

a. The bottle salinity data are first edited for obviously bad values, and corrected for the particular batch of standard seawater used relative to batch "P80" (Mantyla, 1986). (This batch was used by the Transient Tracers in the Ocean [TTO] program [Williams, 1986] which collected hydrographic data in the STACS study area during 1981. Calibrating our final salinity values relative to this particular batch permitted comparison of the STACS and TTO data and insured the validity of the calibrations.)

b. Next, a least squares regression is run on the "delta" (bottle-CTD salinity) vs. depth data sets for each cruise. A third order polynomial fit is first obtained over the entire water column, and then a linear fit is obtained over the portion of the water column (usually below 1500 m) where visual inspection indicates that a linear fit is the best representation of the curve. Iterations are performed (usually 3 to 5 times), and delta values which deviate more than 2 standard deviations away from the fit are discarded. Typically at least 20 percent of the bottle values are discarded by this process, leaving a final standard deviation of ± .003 to .005 ppt. (It should be noted that problems in maintaining a stable temperature in the salinometer laboratory reduced the quality of the bottle salinities. This problem has since been corrected.)

c. The raw CTD salinities are then calibrated using the polynomial (in the upper water) and linear (in the lower water) fits obtained by the regression program. A crossover depth at which the two methods agree to within less than .001 ppt was chosen for each cruise.

d. As a final quality check of the calibrated CTD data, the deep TS relationship is compared with historical (primarily TTO) data and the other STACS cruise data. Where individual casts, or more commonly groups of casts, deviate from the others, indicating drifting or shifts of the CTD sensor, these casts or groupings are calibrated separately. The cruise time histories of the "delta" values are also examined as an indication of sensor changes. In the worst cases, where there was significant drift of the CTD and insufficient high quality bottle data which could be used to calibrate these casts, the historical data were used directly to obtain the final calibrations. This method is valid because in the region of our cruises the TS relationship in the deep water (colder than 3°C) is remarkably constant, probably to better than .002 ppt. The salinity data in the upper water column of the deviant casts are calibrated using the polynomial fit to the delta values for the entire cruise, in most cases, crossing over to a linear fit which matches the historical values in the deep water. In most cases the magnitude of the shift in the deep water was on the order of .003 to .005 ppt. Therefore, any possible error in the upper layer salinities arising from this method would be less than .005 ppt.

e. Finally, the calibrated CTD data are checked for spikes, and these values are removed. The gaps are interpolated linearly, and a final data set subsampled to 2 db spacing is produced.

Calibration equations and discussions of the CTD performance for the individual cruises follow.

August 1984:

Standard seawater batch number P87 was used for determination of the bottle salinities, requiring a correction of -.004 ppt relative to the TTO salinities (batch P80).

The CTD performed well throughout the August 1984 cruise, with no evidence of drifting or shifts of the sensor. As a result, all of the casts for this cruise were calibrated together, and a linear fit was applied over the entire

2000 m depth range of the CTD casts. Visual inspection of the delta-vs-depth plot showed that there was no need for a higher order polynomial in this case.

The final calibration curve used for the August 1984 data was of the form:

$$S_{cal} = S_{CTD} - .022 + 3.24E^{-6} \text{ (pressure)}$$

April 1985:

Standard seawater batch number P90 was used for determination of the bottle salinities, requiring a correction of -.005 ppt relative to batch P80.

Despite the fact that the CTD had a very recent laboratory calibration, in March 1985, its performance was not as satisfactory as during the August 1984 cruise. Casts 21-22 and 53-73 departed from the others, showing drifts ranging from -.005 to +.005 ppt, and required separate calibration relying on the historical TS relationship in the deep water. Casts 1-20, 23-52, and 74-91 were calibrated together by the standard methods described above, using a third order polynomial fit for the depth range 0 to 1500 m, and a linear fit below 1500 m.

The calibration curves used for the April 1985 data for these casts were of the form:

0 to 1500 m

$$S_{cal} = S_{CTD} - .025 + 4.20E^{-5} * P - 1.69E^{-8} * P^2 + 2.10E^{-12} * P^3$$

1500 m to bottom

$$S_{cal} = S_{CTD} + .006 - 4.33E^{-7} * P$$

August 1985:

Standard seawater batch number P90 was used for casts 1-7, requiring a correction of -.005 ppt, and standard seawater batch number P87 was used for casts 8-91, requiring a correction of -.004 ppt relative to batch P80.

The CTD performed well during the August 1985 cruise in terms of sensor drifting, but it did experience a problem with spiking during casts 15-17 and 68. Otherwise, the calibration was straightforward according to the methods discussed above. The final comparison with the historical data (both TTO and the other STACS cruises) showed good agreement in the deep water with the exception of cast 4, taken in the Caribbean Sea. This cast appeared to deviate from the expected TS relationship in the deep water, but because the "delta" values were in close agreement with those from the rest of the cruise, it was left as it was.

The calibration curves used for the August 1985 data were:

0 to 1200 m

$$S_{cal} = S_{CTD} - .019 + 3.28E^{-5} * P - 1.60E^{-8} * P^2 + 2.20E^{-12} * P^3$$

1200 m to bottom

$$S_{cal} = S_{CTD} + .002 - 8.37E^{-7} * P$$

C. XBT Data

T-6 expendable bathythermograph (XBT) probes which record a temperature profile down to 650 meters and T-7 XBT probes which record a temperature profile down to 750 meters were used during all of the cruises covered in this data report. Appendix C presents XBT data by cruises and cast number.

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IV. ACKNOWLEDGMENTS

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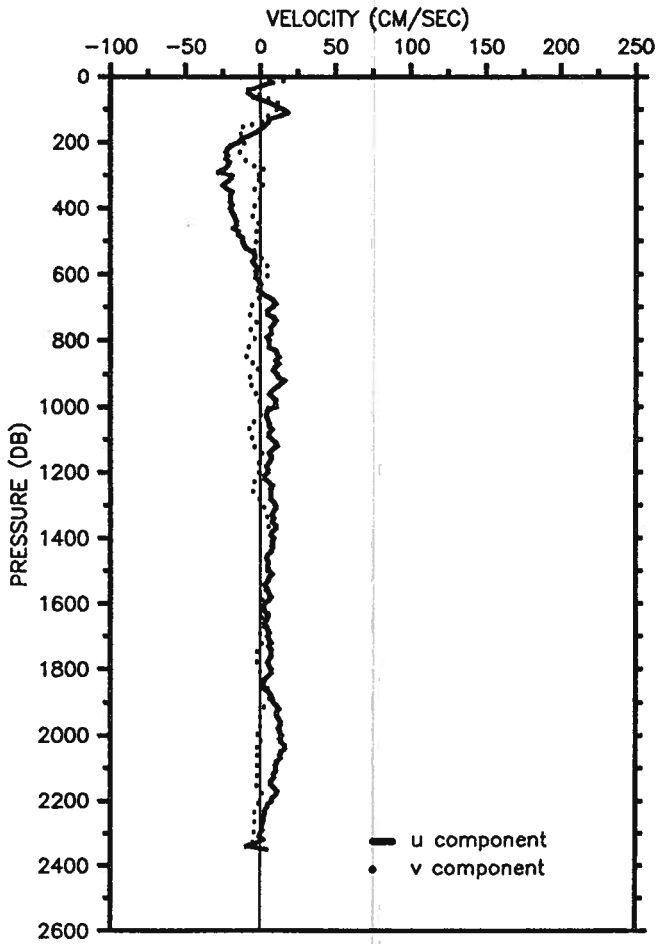
APPENDIX A: PEGASUS DATA

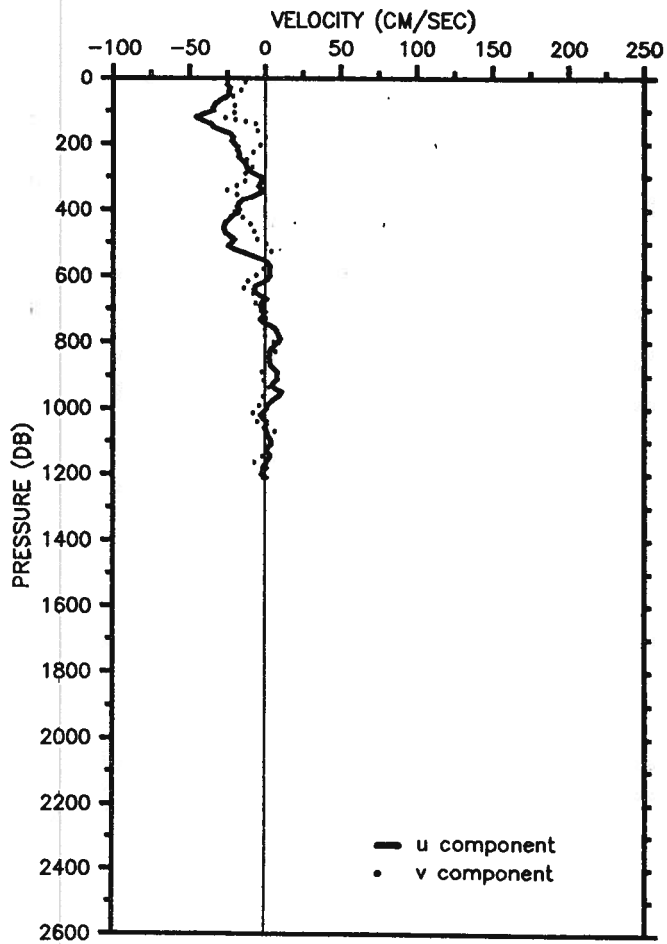
Casts are presented by cruise and increasing cast number. The cruise number and vessel, Pegasus cast and station number, Julian day and time, and position are shown at the top of each plot. "U" represents the east-west component of velocity. "V" represents the north-south component. Casts where there are no data values given for the U and V components indicate that the transponders were not being received by the Pegasus instrument at the given depth.

RES-STACS17-84 PEGASUS 3 STN 21
R/V RESEARCHER JDAY 243 TIME 1247Z
Latitude 20.328 N Longitude 073.028 W



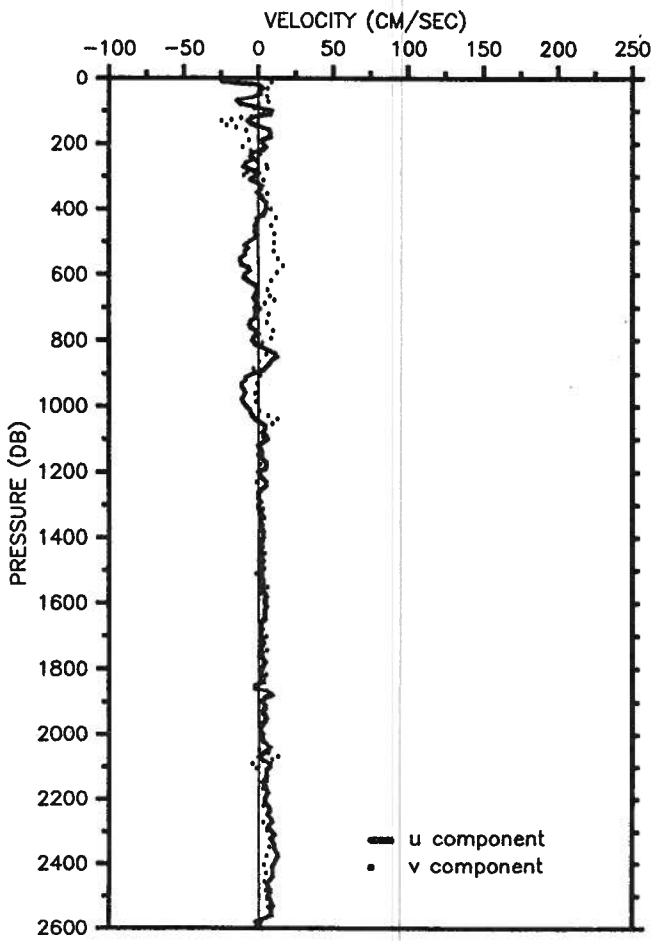
Prs	U	V
10	6.0	15.0
20	6.0	3.0
30	0.0	-2.0
40	-8.0	-5.0
50	-8.0	-4.0
60	-5.0	2.0
70	0.0	8.0
80	6.0	12.0
90	11.0	13.0
100	15.0	10.0
110	18.0	6.0
120	13.0	5.0
130	6.0	5.0
140	5.0	-1.0
150	3.0	-11.0
160	0.0	-15.0
170	-3.0	-14.0
180	-8.0	-12.0
190	-13.0	-12.0
200	-15.0	-11.0
250	-23.0	-11.0
300	-19.0	-4.0
350	-19.0	-4.0
400	-20.0	-5.0
450	-16.0	0.0
500	-12.0	-3.0
550	-4.0	1.0
600	-3.0	5.0
650	0.0	-3.0
700	8.0	-7.0
750	9.0	-5.0
800	6.0	-5.0
850	12.0	-10.0
900	11.0	-5.0
950	8.0	-3.0
1000	10.0	5.0
1500	6.0	5.0
2000	14.0	0.0
2350	4.0	-5.0

RES-STACS17-84 PEGASUS 4 STN 20
R/V RESEARCHER JDAY 244 TIME 0241Z
Latitude 20.731 N Longitude 073.132 W



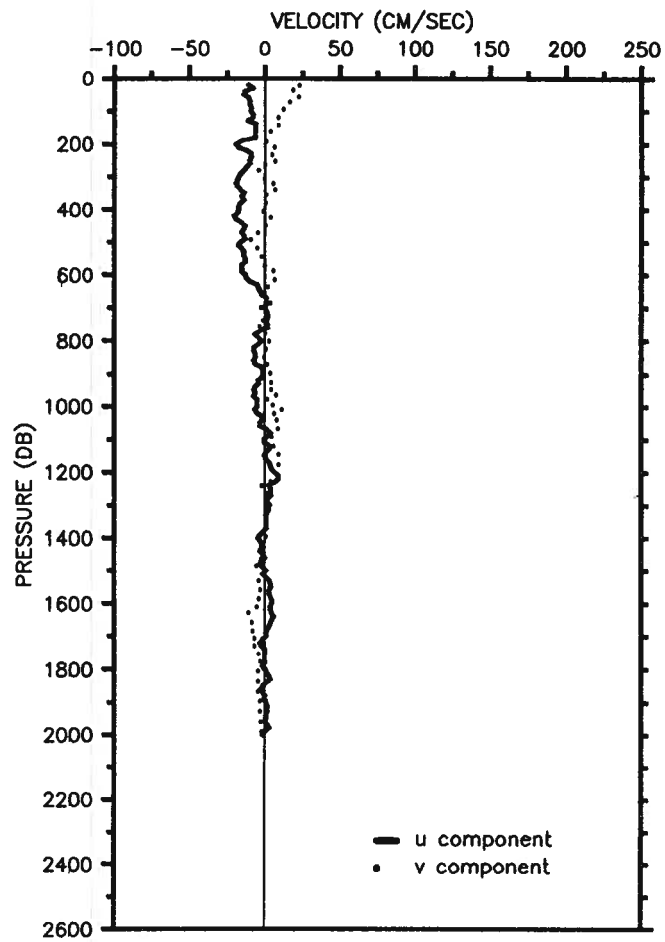
Prs	U	V
10	-25.0	-13.0
20	-25.0	-13.0
30	-23.0	-14.0
40	-24.0	-18.0
50	-24.0	-21.0
60	-26.0	-21.0
70	-30.0	-21.0
80	-33.0	-21.0
90	-34.0	-19.0
100	-34.0	-18.0
110	-40.0	-24.0
120	-45.0	-26.0
130	-41.0	-15.0
140	-36.0	-4.0
150	-34.0	-4.0
160	-29.0	-5.0
170	-23.0	-1.0
180	-21.0	1.0
190	-22.0	-1.0
200	-20.0	-3.0
250	-15.0	-12.0
300	-3.0	-15.0
350	-3.0	-21.0
400	-17.0	-21.0
450	-27.0	-7.0
500	-22.0	0.0
550	-1.0	-1.0
600	3.0	-7.0
650	-6.0	-8.0
700	-2.0	-4.0
750	4.0	1.0
800	9.0	6.0
850	3.0	0.0
900	8.0	-3.0
950	11.0	0.0
1000	1.0	-7.0
1210	1.0	-1.0

RES-STACS17-84 PEGASUS 6 STN 99
R/V RESEARCHER JDAY 244 TIME 2303Z
Latitude 21.322 N Longitude 073.882 W



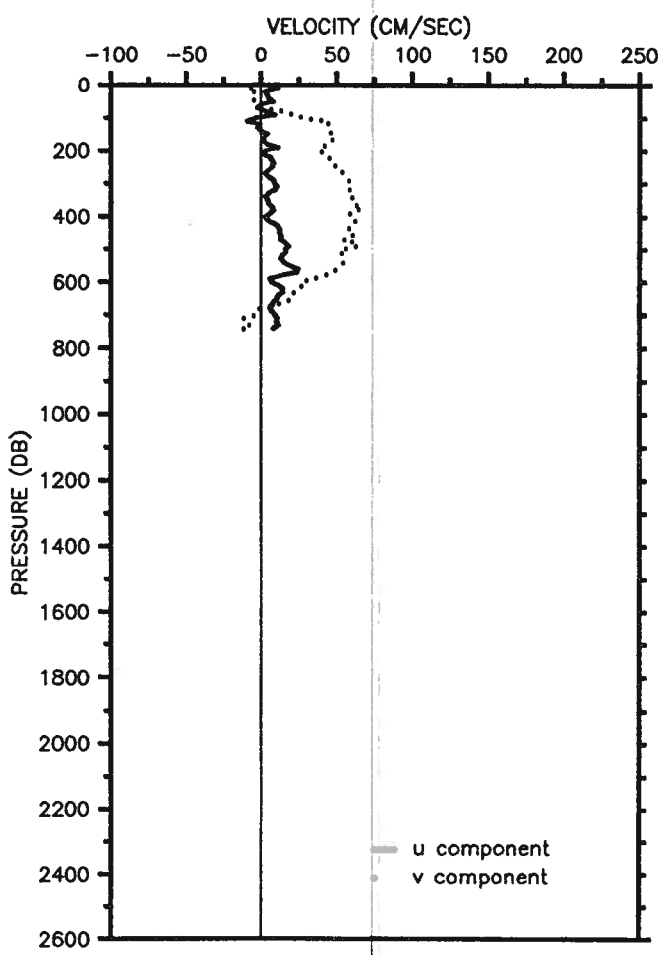
Prs	U	V
10	-24.0	9.0
20	0.0	10.0
30	3.0	6.0
40	1.0	0.0
50	1.0	2.0
60	-3.0	8.0
70	-14.0	9.0
80	-12.0	-2.0
90	-1.0	-4.0
100	9.0	4.0
110	8.0	8.0
120	-2.0	-10.0
130	-7.0	-26.0
140	-5.0	-24.0
150	1.0	-15.0
160	7.0	-8.0
170	8.0	-8.0
180	8.0	-7.0
190	3.0	-8.0
200	3.0	-9.0
250	-3.0	-5.0
300	-2.0	-5.0
350	-1.0	6.0
400	5.0	9.0
450	-2.0	8.0
500	-6.0	10.0
550	-12.0	13.0
600	-9.0	12.0
650	-1.0	4.0
700	-2.0	0.0
750	-6.0	7.0
800	-4.0	4.0
850	12.0	2.0
900	-4.0	1.0
950	-10.0	-2.0
1000	-8.0	-1.0
1500	2.0	2.0
2000	2.0	2.0
2500	6.0	3.0
2600	2.0	2.0

RES-STACS17-84 PEGASUS 7 STN 99
R/V RESEARCHER JDAY 245 TIME 1412Z
Latitude 21.833 N Longitude 074.270 W



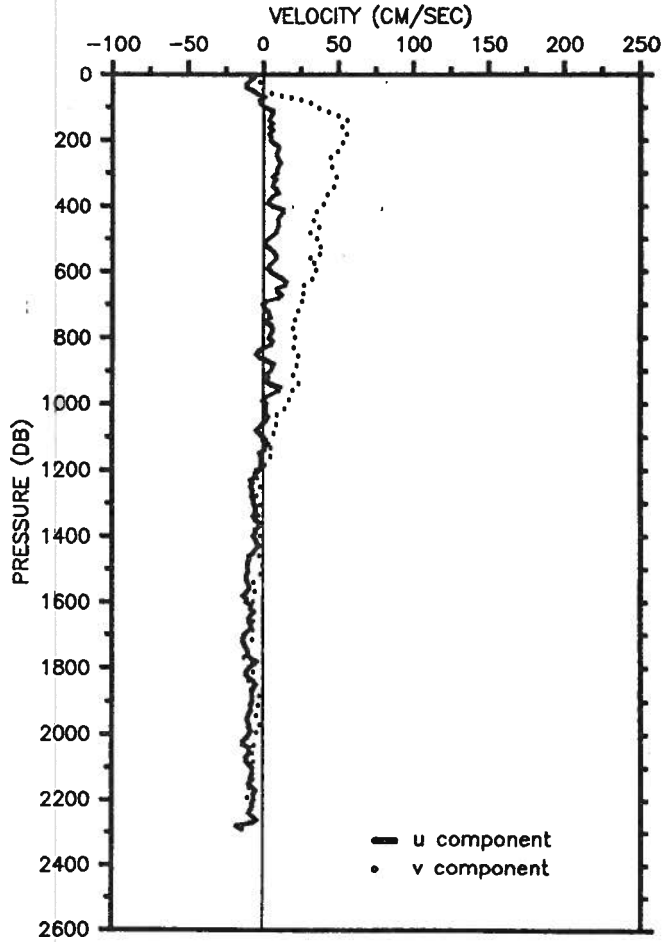
Prs	U	V
20	-11.0	23.0
30	-8.0	18.0
40	-13.0	20.0
50	-14.0	23.0
60	-11.0	22.0
70	-10.0	17.0
80	-10.0	14.0
90	-9.0	13.0
100	-9.0	11.0
110	-8.0	9.0
120	-8.0	9.0
130	-11.0	11.0
140	-6.0	10.0
150	-6.0	7.0
160	-6.0	4.0
170	-6.0	3.0
180	-6.0	2.0
190	-15.0	1.0
200	-19.0	4.0
250	-10.0	8.0
300	-17.0	-1.0
350	-14.0	2.0
400	-17.0	-2.0
450	-13.0	0.0
500	-16.0	-8.0
550	-13.0	-2.0
600	-13.0	6.0
650	-3.0	1.0
700	0.0	-3.0
750	2.0	-5.0
800	-2.0	3.0
850	-6.0	0.0
900	-1.0	4.0
950	-7.0	5.0
1000	-5.0	10.0
1500	1.0	-1.0
2000	-1.0	-2.0

RES-STACS17-84 PEGASUS 8 STN 19
R/V RESEARCHER JDAY 247 TIME 0808Z
Latitude 26.544 N Longitude 076.852 W



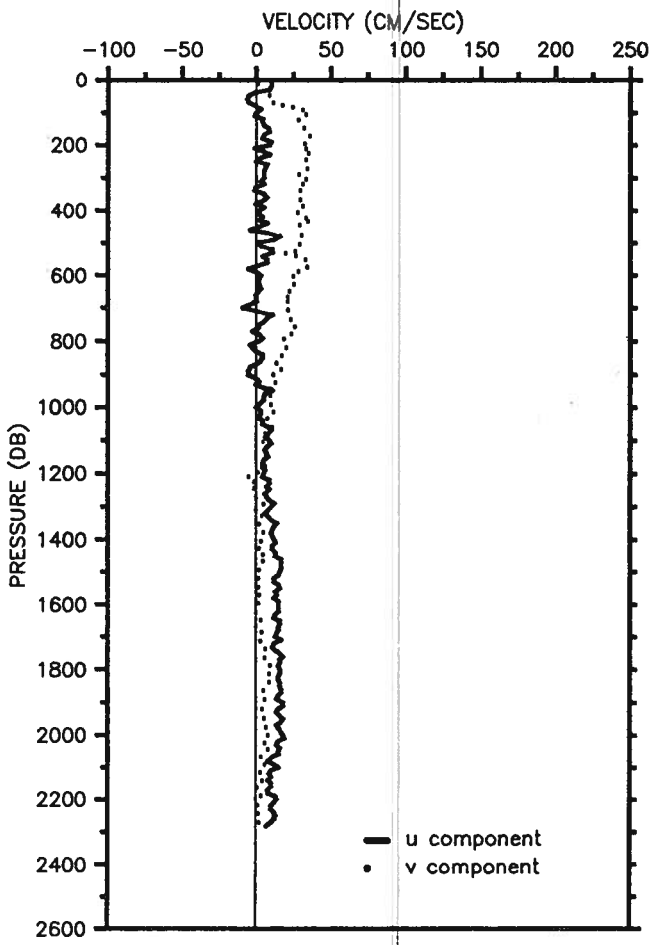
Prs	U	V
0	3.0	0.0
10	11.0	-9.0
20	3.0	-4.0
30	4.0	-5.0
40	5.0	-5.0
50	8.0	-4.0
60	0.0	-2.0
70	-2.0	4.0
80	3.0	17.0
90	9.0	21.0
100	-3.0	30.0
110	-9.0	45.0
120	-1.0	44.0
130	-2.0	45.0
140	0.0	45.0
150	4.0	47.0
160	2.0	49.0
170	1.0	46.0
180	4.0	43.0
190	11.0	39.0
200	3.0	39.0
250	7.0	49.0
300	9.0	58.0
350	4.0	60.0
400	3.0	61.0
450	12.0	61.0
500	16.0	52.0
550	19.0	52.0
600	7.0	26.0
650	10.0	20.0
700	9.0	-4.0
740	8.0	-12.0

RES-STACS17-84 PEGASUS 9 STN 18
R/V RESEARCHER JDAY 247 TIME 1639Z
Latitude 26.526 N Longitude 076.752 W



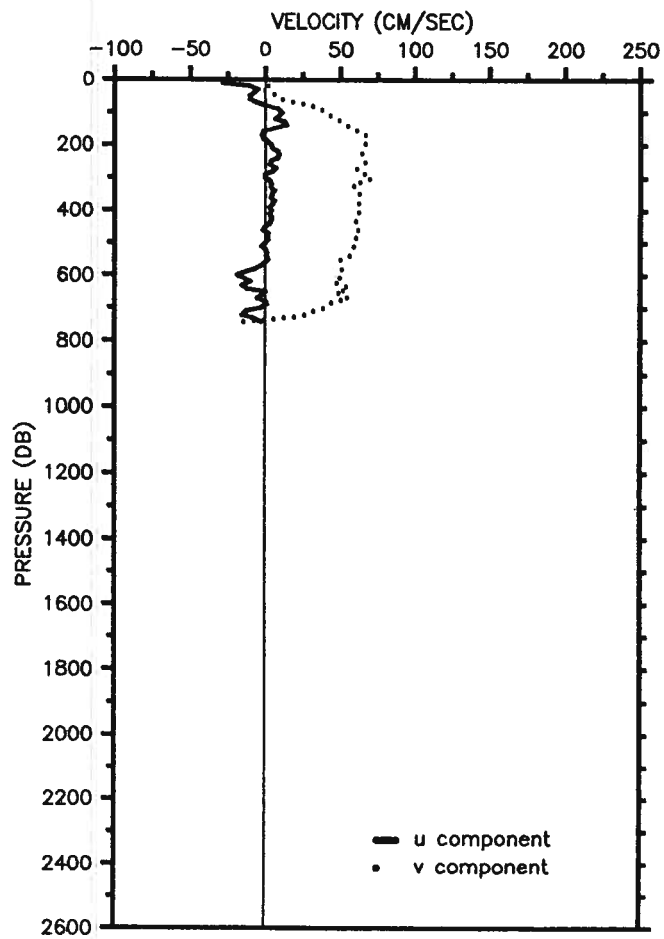
Prs	U	V
0	-11.0	-6.0
10	-6.0	-6.0
20	-9.0	-3.0
30	-11.0	0.0
40	-11.0	-1.0
50	-7.0	0.0
60	-4.0	8.0
70	1.0	20.0
80	-2.0	30.0
90	-1.0	35.0
100	1.0	37.0
110	6.0	42.0
120	6.0	48.0
130	5.0	54.0
140	4.0	57.0
150	6.0	55.0
160	4.0	52.0
170	6.0	54.0
180	4.0	56.0
190	5.0	55.0
200	5.0	53.0
250	9.0	45.0
300	9.0	48.0
350	8.0	45.0
400	6.0	39.0
450	10.0	36.0
500	3.0	36.0
550	8.0	34.0
600	5.0	34.0
650	9.0	28.0
700	0.0	25.0
750	1.0	22.0
800	4.0	21.0
850	-4.0	24.0
900	5.0	21.0
950	11.0	21.0
1000	2.0	16.0
1500	-10.0	0.0
2000	-9.0	-8.0
2290	-14.0	-11.0

RES-STACS17-84 PEGASUS 10 STN 17
R/V RESEARCHER JDAY 248 TIME 0249Z
Latitude 26.540 N Longitude 076.667 W



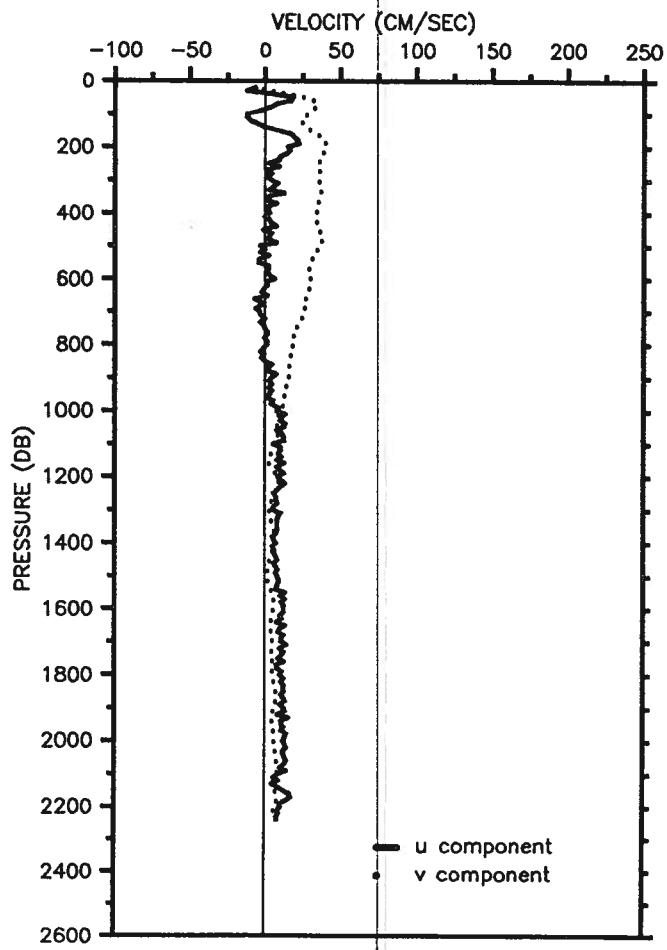
Prs	U	V
0	10.0	-5.0
10	10.0	2.0
20	10.0	1.0
30	9.0	1.0
40	-1.0	6.0
50	-5.0	11.0
60	-6.0	11.0
70	-5.0	11.0
80	-1.0	20.0
90	3.0	32.0
100	0.0	35.0
110	-1.0	31.0
120	4.0	28.0
130	4.0	30.0
140	5.0	31.0
150	8.0	33.0
160	9.0	35.0
170	5.0	36.0
180	4.0	36.0
190	10.0	34.0
200	9.0	30.0
250	0.0	35.0
300	5.0	33.0
350	5.0	31.0
400	2.0	27.0
450	2.0	29.0
500	1.0	29.0
550	7.0	34.0
600	3.0	24.0
650	1.0	21.0
700	-9.0	21.0
750	2.0	27.0
800	2.0	20.0
850	4.0	15.0
900	-5.0	11.0
950	11.0	7.0
1000	0.0	12.0
1500	16.0	1.0
2000	18.0	8.0
2280	7.0	4.0

RES-STACS17-84 PEGASUS 12 STN 19
R/V RESEARCHER JDAY 248 TIME 0820Z
Latitude 26.544 N Longitude 076.852 W



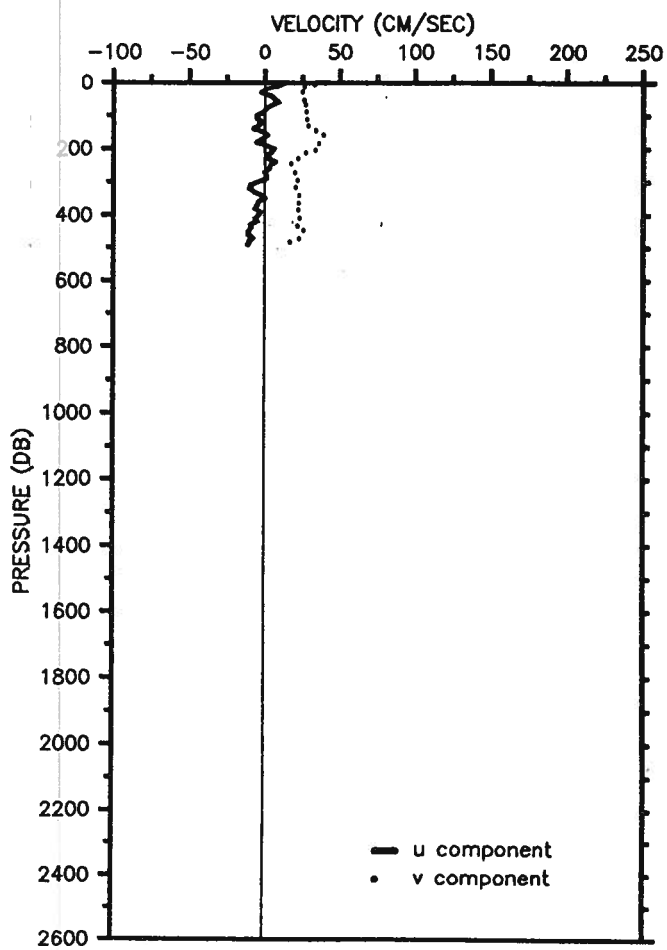
Prs	U	V
0	-26.0	1.0
10	-28.0	-1.0
20	-10.0	3.0
30	-5.0	-1.0
40	-7.0	3.0
50	-10.0	9.0
60	-10.0	11.0
70	-6.0	19.0
80	0.0	32.0
90	9.0	38.0
100	11.0	40.0
110	9.0	44.0
120	7.0	49.0
130	13.0	51.0
140	14.0	55.0
150	6.0	60.0
160	-1.0	64.0
170	-2.0	68.0
180	-1.0	68.0
190	2.0	67.0
200	4.0	66.0
250	4.0	67.0
300	0.0	71.0
350	5.0	63.0
400	4.0	63.0
450	0.0	63.0
500	0.0	60.0
550	2.0	50.0
600	-18.0	52.0
650	0.0	47.0
700	-3.0	39.0
740	-3.0	-15.0

RES-STACS17-84 PEGASUS 14 STN 17
R/V RESEARCHER JDAY 248 TIME 1531Z
Latitude 26.540 N Longitude 076.667 W



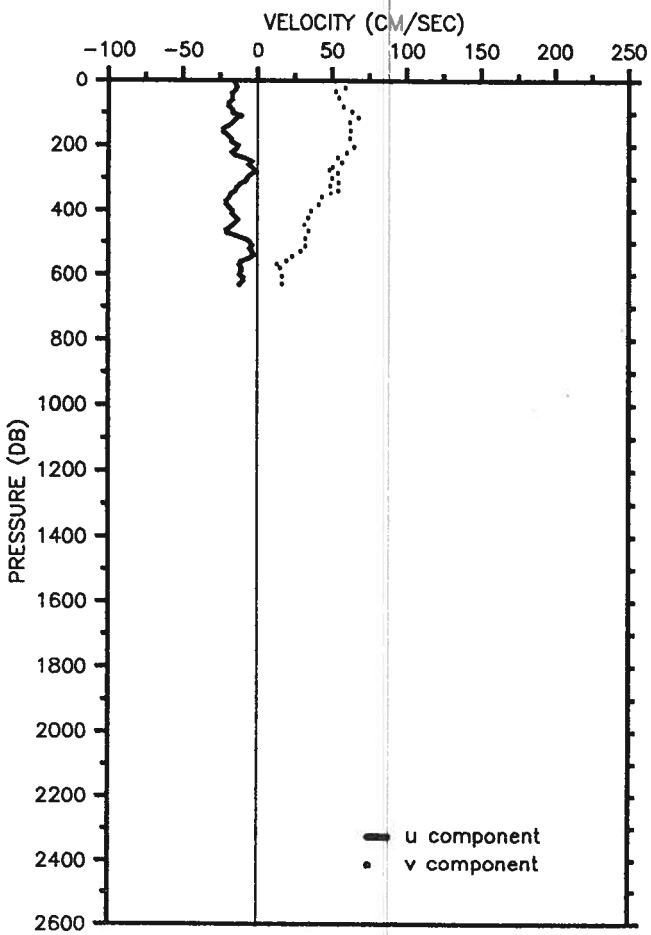
Prs	U	V
20	-7.0	-8.0
30	-12.0	6.0
40	6.0	17.0
50	18.0	27.0
60	17.0	32.0
70	8.0	34.0
80	4.0	33.0
90	-3.0	30.0
100	-12.0	28.0
110	-12.0	25.0
120	-10.0	24.0
130	-5.0	25.0
140	0.0	27.0
150	8.0	30.0
160	16.0	34.0
170	19.0	37.0
180	21.0	39.0
190	22.0	40.0
200	15.0	40.0
250	3.0	36.0
300	4.0	36.0
350	3.0	36.0
400	3.0	34.0
450	-1.0	36.0
500	-3.0	36.0
550	-4.0	30.0
600	6.0	30.0
650	1.0	27.0
700	-4.0	25.0
750	0.0	20.0
800	1.0	18.0
850	0.0	16.0
900	4.0	15.0
950	3.0	13.0
1000	8.0	10.0
1500	8.0	2.0
2000	12.0	6.0
2240	8.0	5.0

RES-STACS17-84 PEGASUS 15 STN 8
R/V RESEARCHER JDAY 249 TIME 1934Z
Latitude 27.016 N Longitude 079.208 W



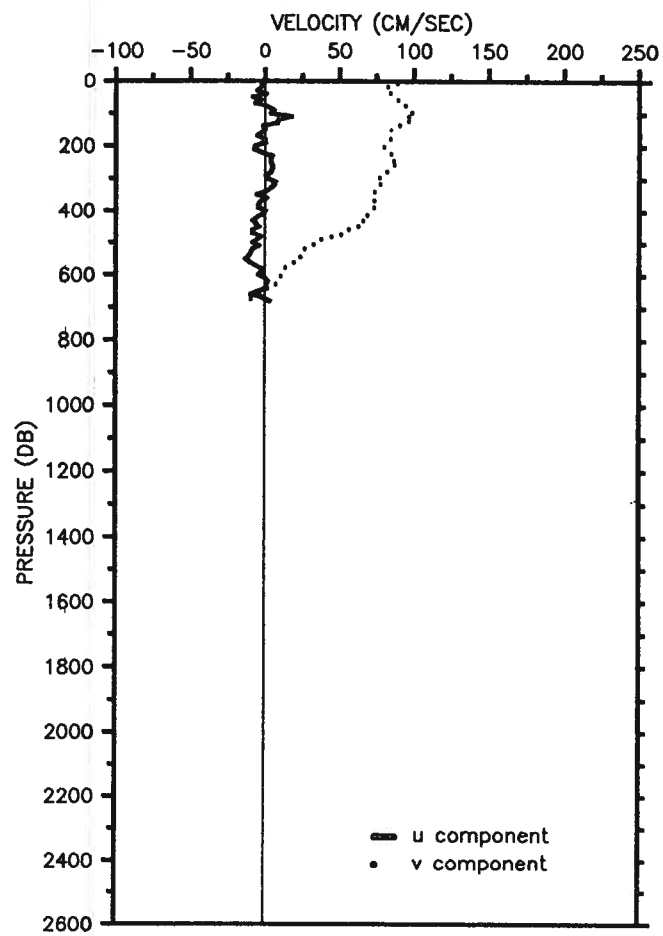
Prs	U	V
0	14.0	40.0
10	9.0	26.0
20	0.0	23.0
30	-2.0	27.0
40	4.0	26.0
50	7.0	26.0
60	9.0	30.0
70	5.0	26.0
80	1.0	25.0
90	-1.0	30.0
100	-5.0	30.0
110	-5.0	28.0
120	-2.0	31.0
130	-4.0	29.0
140	-7.0	30.0
150	-1.0	39.0
160	2.0	39.0
170	-1.0	39.0
180	-5.0	36.0
190	1.0	37.0
200	6.0	36.0
250	4.0	18.0
300	-4.0	19.0
350	0.0	25.0
400	-4.0	25.0
450	-11.0	25.0
490	-11.0	13.0

RES-STACS17-84 PEGASUS 16 STN 7
R/V RESEARCHER JDAY 249 TIME 2106Z
Latitude 27.004 N Longitude 079.299 W



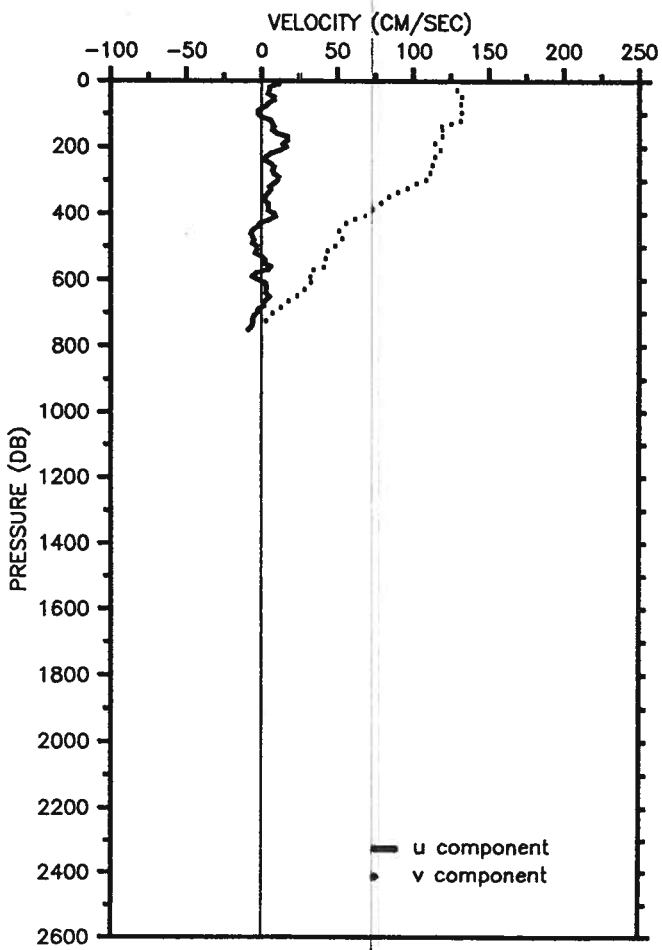
Prs	U	V
0	-15.0	63.0
10	-15.0	63.0
20	-14.0	59.0
30	-15.0	53.0
40	-17.0	51.0
50	-17.0	54.0
60	-17.0	56.0
70	-19.0	56.0
80	-19.0	57.0
90	-17.0	62.0
100	-16.0	65.0
110	-11.0	68.0
120	-15.0	66.0
130	-17.0	61.0
140	-19.0	60.0
150	-23.0	62.0
160	-23.0	62.0
170	-20.0	60.0
180	-18.0	63.0
190	-17.0	64.0
200	-13.0	65.0
250	-4.0	57.0
300	-7.0	50.0
350	-18.0	46.0
400	-17.0	36.0
450	-18.0	34.0
500	-5.0	31.0
550	-6.0	24.0
600	-12.0	15.0
630	-12.0	16.0

RES-STACS17-84 PEGASUS 17 STN 6
R/V RESEARCHER JDAY 249 TIME 2259Z
Latitude 27.001 N Longitude 079.380 W



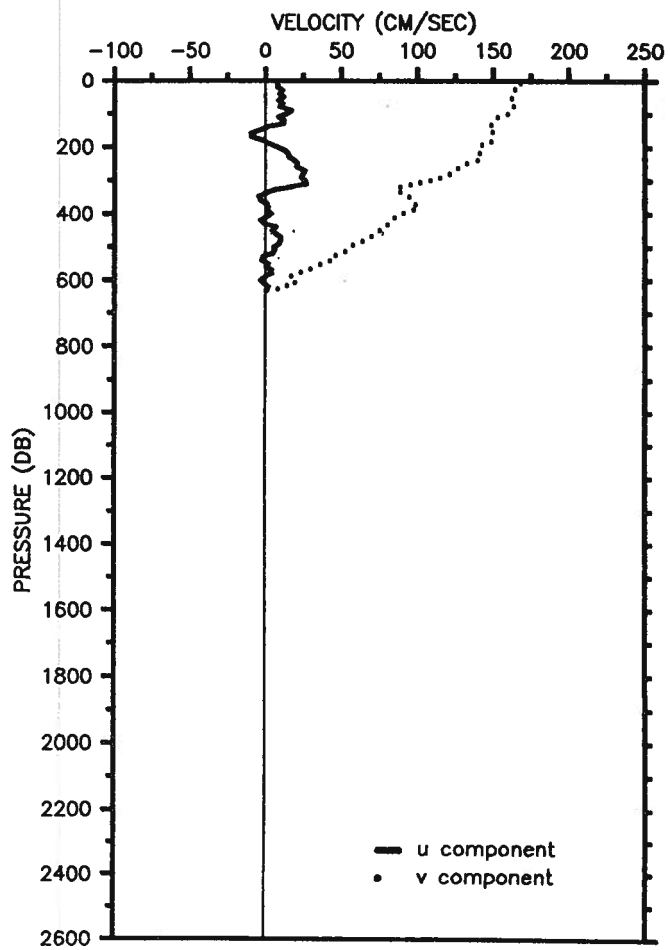
Prs	U	V
0	2.0	96.0
10	-2.0	86.0
20	-3.0	81.0
30	-5.0	83.0
40	1.0	85.0
50	-8.0	88.0
60	-3.0	90.0
70	-6.0	94.0
80	2.0	95.0
90	6.0	96.0
100	4.0	101.0
110	18.0	95.0
120	9.0	98.0
130	8.0	93.0
140	-1.0	90.0
150	0.0	85.0
160	-2.0	85.0
170	-5.0	86.0
180	0.0	83.0
190	0.0	82.0
200	-6.0	80.0
250	4.0	90.0
300	2.0	76.0
350	-5.0	74.0
400	0.0	71.0
450	-4.0	61.0
500	-8.0	35.0
550	-13.0	20.0
600	-4.0	11.0
650	-4.0	-2.0
680	3.0	-9.0

RES-STACS17-84 PEGASUS 18 STN 5
R/V RESEARCHER JDAY 250 TIME 0045Z
Latitude 27.003 N Longitude 079.508 W



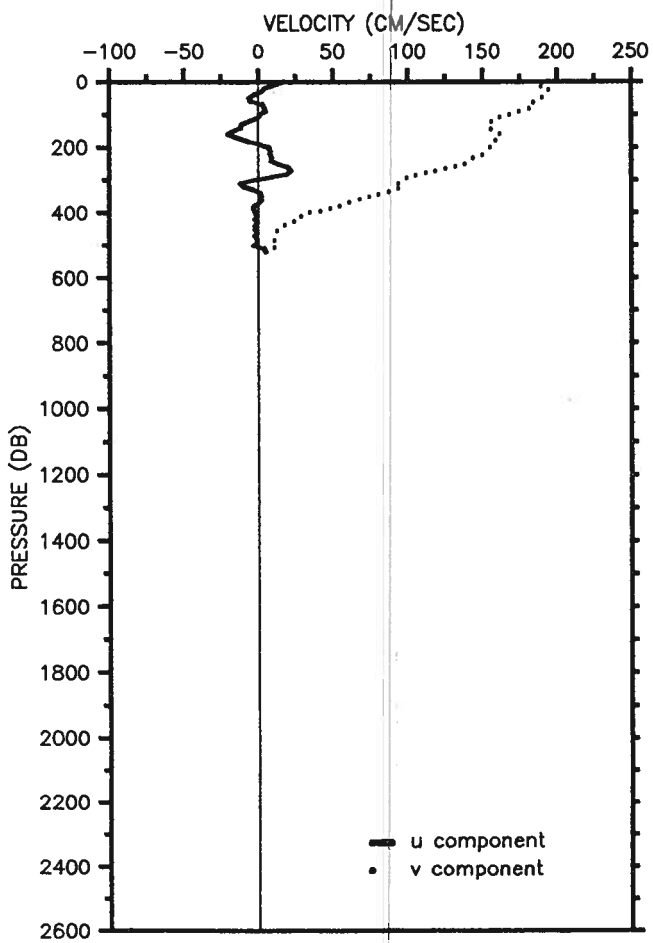
Prs	U	V
0	12.0	133.0
10	11.0	131.0
20	5.0	130.0
30	5.0	128.0
40	4.0	130.0
50	8.0	134.0
60	8.0	134.0
70	4.0	131.0
80	2.0	131.0
90	-2.0	131.0
100	-2.0	133.0
110	0.0	134.0
120	6.0	131.0
130	7.0	124.0
140	8.0	116.0
150	7.0	122.0
160	10.0	120.0
170	17.0	119.0
180	17.0	115.0
190	14.0	114.0
200	16.0	117.0
250	6.0	113.0
300	10.0	106.0
350	2.0	83.0
400	8.0	70.0
450	-6.0	51.0
500	-3.0	48.0
550	2.0	41.0
600	-2.0	35.0
650	5.0	23.0
700	-3.0	7.0
750	-9.0	1.0

RES-STACS17-84 PEGASUS 19 STN 4
R/V RESEARCHER JDAY 250 TIME 0302Z
Latitude 26.986 N Longitude 079.621 W



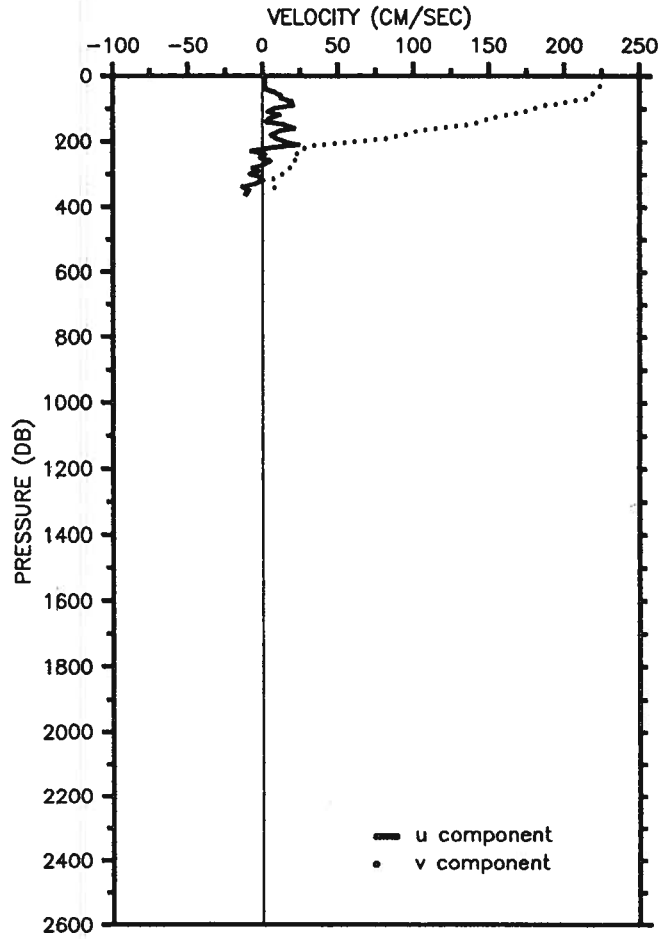
Prs	U	V
0	8.0	175.0
10	8.0	165.0
20	8.0	165.0
30	11.0	164.0
40	10.0	164.0
50	12.0	162.0
60	9.0	165.0
70	11.0	164.0
80	10.0	163.0
90	17.0	161.0
100	14.0	159.0
110	9.0	152.0
120	12.0	150.0
130	12.0	149.0
140	2.0	147.0
150	-3.0	150.0
160	-9.0	149.0
170	-9.0	150.0
180	-1.0	149.0
190	3.0	142.0
200	8.0	143.0
250	21.0	132.0
300	26.0	107.0
350	-4.0	95.0
400	4.0	89.0
450	5.0	75.0
500	6.0	55.0
550	2.0	36.0
600	-3.0	19.0
630	1.0	5.0

RES-STACS17-84 PEGASUS 20 STN 3
R/V RESEARCHER JDAY 250 TIME 0449Z
Latitude 27.002 N Longitude 079.691 W



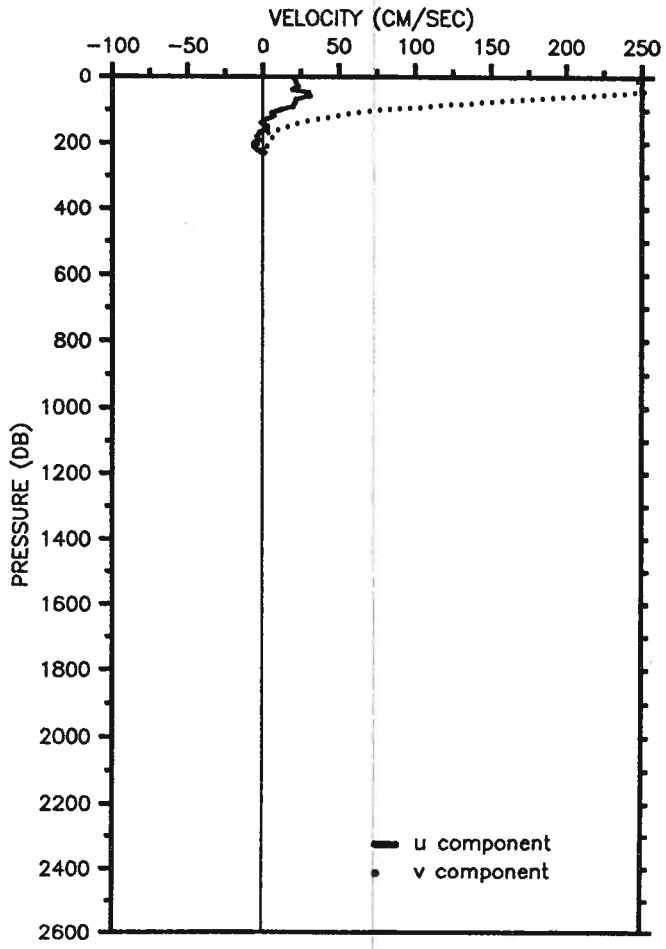
Prs	U	V
0	17.0	191.0
10	10.0	187.0
20	4.0	195.0
30	2.0	194.0
40	-3.0	193.0
50	-6.0	188.0
60	-5.0	185.0
70	3.0	182.0
80	4.0	183.0
90	5.0	173.0
100	1.0	167.0
110	-1.0	158.0
120	-6.0	156.0
130	-11.0	154.0
140	-12.0	155.0
150	-16.0	160.0
160	-20.0	163.0
170	-15.0	162.0
180	-7.0	158.0
190	1.0	158.0
200	7.0	155.0
250	13.0	138.0
300	-3.0	95.0
350	2.0	74.0
400	-2.0	31.0
450	-2.0	13.0
500	-3.0	13.0
520	5.0	6.0

RES-STACS17-84 PEGASUS 21 STN 2
R/V RESEARCHER JDAY 250 TIME 0638Z
Latitude 26.990 N Longitude 079.799 W



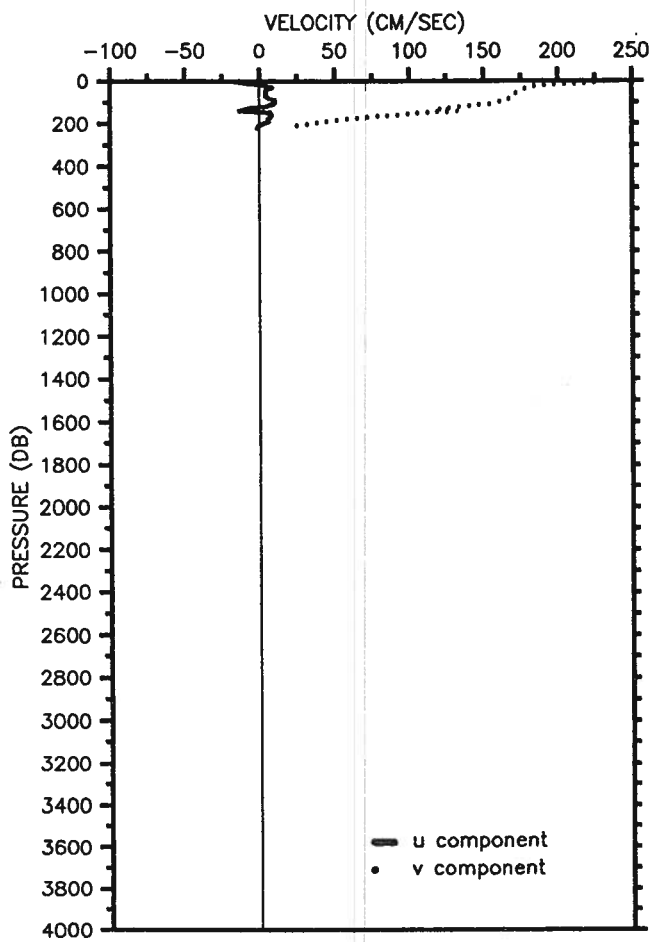
Prs	U	V
0	2.0	225.0
10	2.0	225.0
20	2.0	225.0
30	2.0	224.0
40	2.0	221.0
50	8.0	219.0
60	12.0	219.0
70	13.0	214.0
80	19.0	201.0
90	20.0	186.0
100	8.0	178.0
110	4.0	171.0
120	11.0	160.0
130	5.0	149.0
140	3.0	145.0
150	15.0	133.0
160	21.0	115.0
170	11.0	100.0
180	6.0	92.0
190	9.0	78.0
200	15.0	59.0
250	-1.0	21.0
300	-8.0	13.0
350	-9.0	10.0
360	-11.0	11.0

RES-STACS17-84 PEGASUS 22 STN 1
R/V RESEARCHER JDAY 250 TIME 0803Z
Latitude 26.990 N Longitude 079.732 W



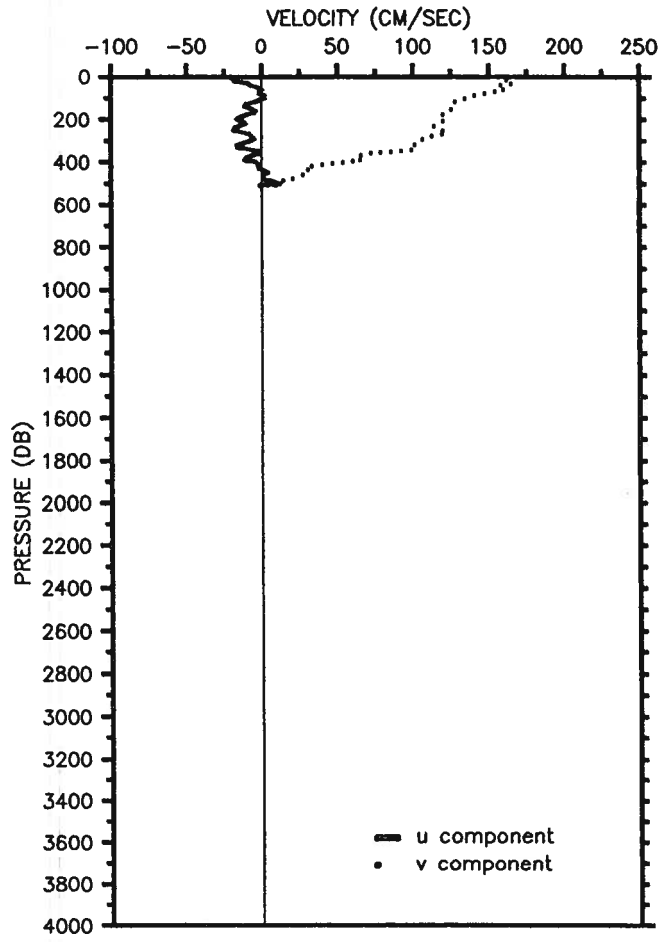
Prs	U	V
10	21.0	247.0
20	22.0	246.0
30	23.0	249.0
40	20.0	254.0
50	30.0	235.0
60	31.0	201.0
70	22.0	164.0
80	21.0	135.0
90	20.0	103.0
100	12.0	71.0
110	6.0	57.0
120	7.0	45.0
130	2.0	32.0
140	-1.0	23.0
150	3.0	16.0
160	3.0	11.0
170	-2.0	3.0
180	-4.0	7.0
190	-3.0	1.0
200	-6.0	-5.0
230	1.0	-1.0

RES-STACS18-85 PEGASUS 1 STN 1
R/V RESEARCHER JDAY 108 TIME 0055Z
Latitude 27.010 N Longitude 079.880 W



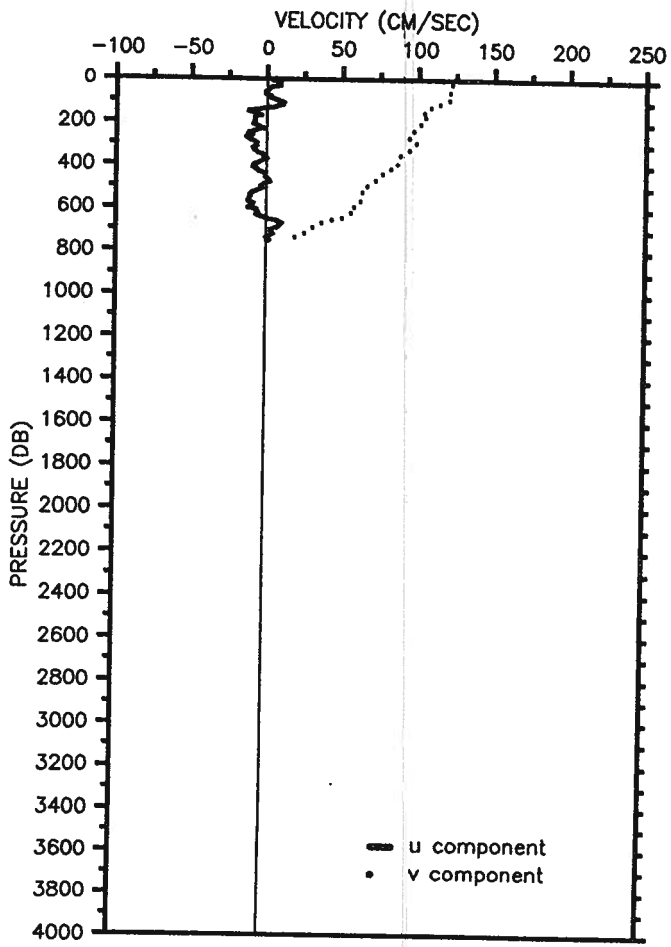
Prs	U	V
0	-17.0	232.0
10	-10.0	220.0
20	3.0	187.0
30	8.0	179.0
40	5.0	175.0
50	4.0	173.0
60	4.0	171.0
70	4.0	171.0
80	6.0	170.0
90	10.0	164.0
100	10.0	159.0
110	9.0	150.0
120	5.0	133.0
130	-8.0	120.0
140	-13.0	133.0
150	7.0	104.0
160	8.0	87.0
170	7.0	68.0
180	6.0	54.0
190	6.0	43.0
200	3.0	31.0
220	-1.0	19.0

RES-STACS18-85 PEGASUS 3 STN 3
R/V RESEARCHER JDAY 108 TIME 0813Z
Latitude 27.000 N Longitude 079.691 W



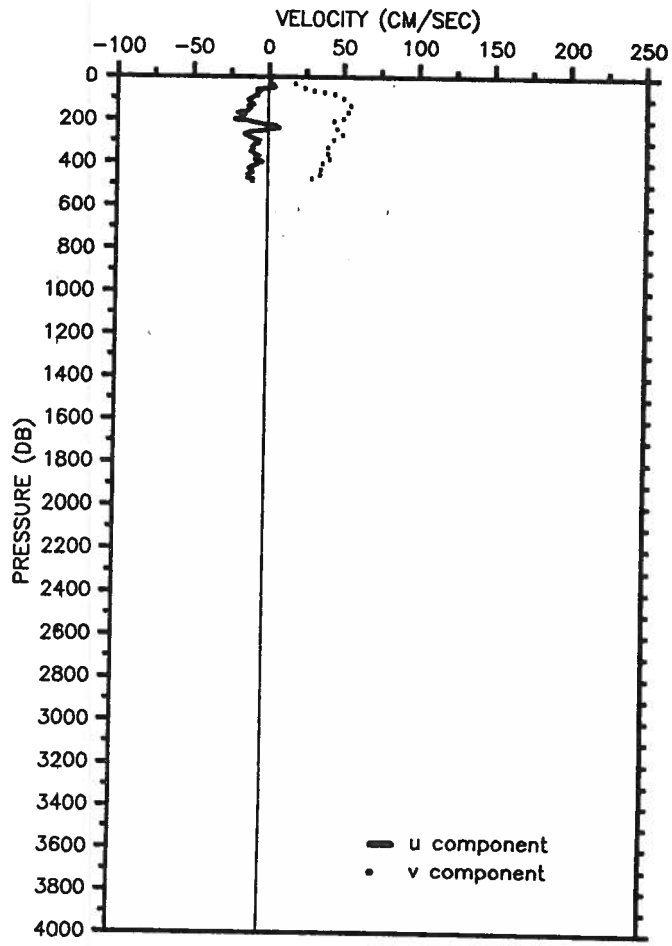
Prs	U	V
0	-20.0	164.0
10	-19.0	166.0
20	-17.0	160.0
30	-9.0	165.0
40	-7.0	156.0
50	-3.0	159.0
60	0.0	160.0
70	-1.0	152.0
80	-1.0	144.0
90	2.0	138.0
100	2.0	134.0
110	-1.0	131.0
120	-4.0	127.0
130	-10.0	126.0
140	-11.0	125.0
150	-7.0	126.0
160	-4.0	125.0
170	-5.0	122.0
180	-9.0	118.0
190	-14.0	119.0
200	-16.0	120.0
250	-18.0	120.0
300	-7.0	104.0
350	-1.0	83.0
400	-4.0	54.0
450	4.0	30.0
500	12.0	2.0
510	-1.0	11.0

RES-STACS18-85 PEGASUS 5 STN 5
R/V RESEARCHER JDAY 108 TIME 1738Z
Latitude 27.001 N Longitude 079.508 W



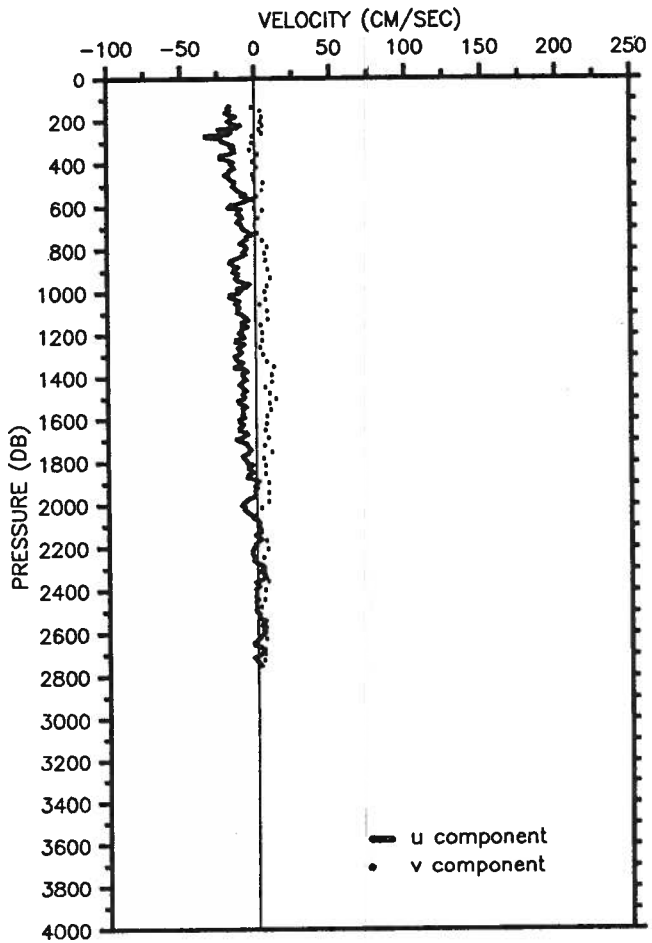
Prs	U	V
0	6.0	116.0
10	4.0	118.0
20	9.0	122.0
30	9.0	120.0
40	3.0	122.0
50	1.0	121.0
60	-1.0	120.0
70	-1.0	122.0
80	2.0	121.0
90	3.0	121.0
100	8.0	119.0
110	11.0	114.0
120	10.0	110.0
130	5.0	107.0
140	-4.0	104.0
150	-12.0	103.0
160	-7.0	107.0
170	-4.0	106.0
180	-8.0	103.0
190	-8.0	103.0
200	-8.0	101.0
250	-12.0	97.0
300	-7.0	98.0
350	-3.0	88.0
400	-8.0	87.0
450	-1.0	73.0
500	-4.0	65.0
550	-11.0	64.0
600	-12.0	59.0
650	1.0	43.0
700	3.0	29.0
750	2.0	15.0

RES-STACS18-85 PEGASUS 9 STN 8
R/V RESEARCHER JDAY 109 TIME 0349Z
Latitude 27.009 N Longitude 079.209 W



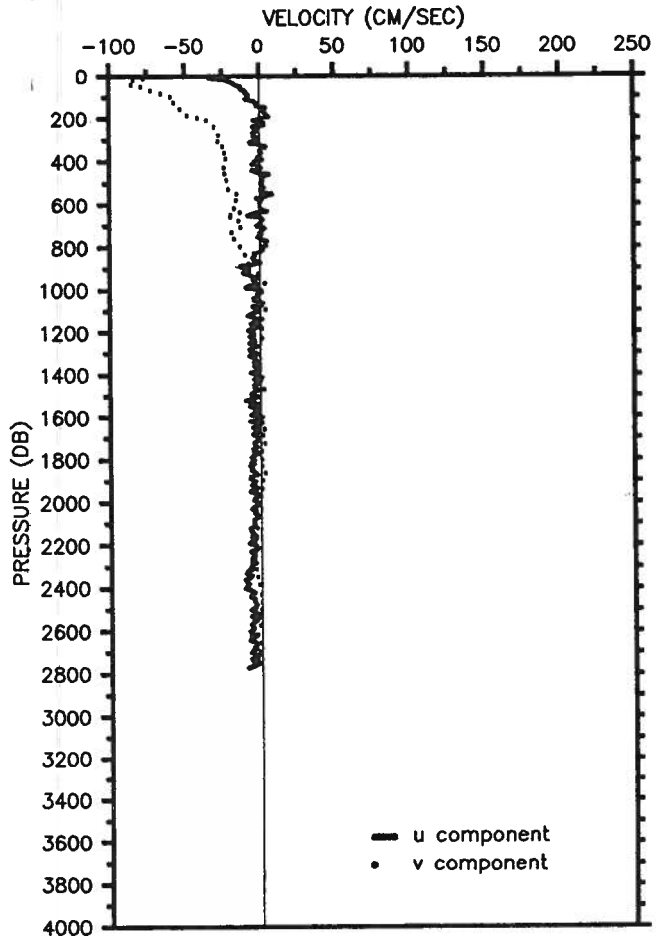
Prs	U	V
0	3.0	22.0
10	1.0	22.0
20	1.0	19.0
30	1.0	18.0
40	3.0	20.0
50	4.0	23.0
60	-7.0	27.0
70	-6.0	36.0
80	-7.0	44.0
90	-8.0	48.0
100	-11.0	50.0
110	-13.0	51.0
120	-12.0	52.0
130	-10.0	54.0
140	-13.0	56.0
150	-12.0	56.0
160	-14.0	54.0
170	-20.0	52.0
180	-16.0	53.0
190	-17.0	52.0
200	-22.0	46.0
250	-2.0	46.0
300	-6.0	43.0
350	-11.0	42.0
400	-4.0	39.0
450	-11.0	38.0
490	-10.0	30.0

RES-STACS18-85 PEGASUS 11 STN 10
R/V RESEARCHER JDAY 111 TIME 0019Z
Latitude 28.698 N Longitude 075.081 W



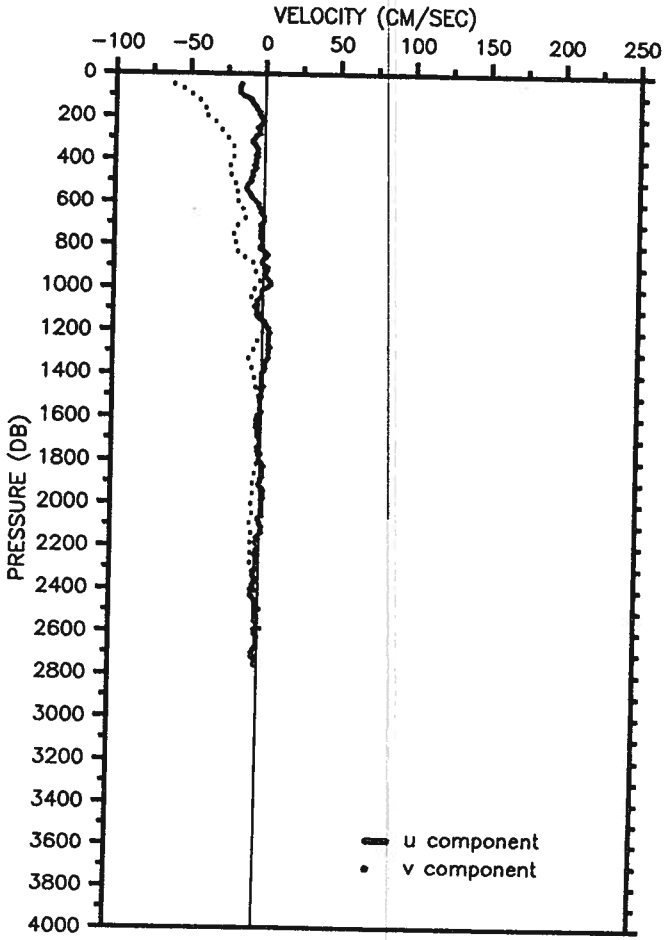
Prs	U	V
130	-17.0	-2.0
140	-18.0	-1.0
150	-17.0	4.0
160	-19.0	3.0
170	-17.0	2.0
180	-13.0	5.0
190	-16.0	7.0
200	-18.0	3.0
250	-16.0	5.0
300	-19.0	-2.0
350	-17.0	2.0
400	-16.0	-2.0
450	-20.0	-4.0
500	-15.0	6.0
550	-9.0	0.0
600	-18.0	-1.0
650	-9.0	2.0
700	-8.0	2.0
750	-6.0	4.0
800	-7.0	4.0
850	-16.0	8.0
900	-15.0	7.0
950	-9.0	9.0
1000	-11.0	7.0
1500	-9.0	14.0
2000	-10.0	4.0
2500	0.0	3.0
2750	2.0	2.0

RES-STACS18-85 PEGASUS 13 STN 12
R/V RESEARCHER JDAY 111 TIME 2238Z
Latitude 27.813 N Longitude 075.635 W



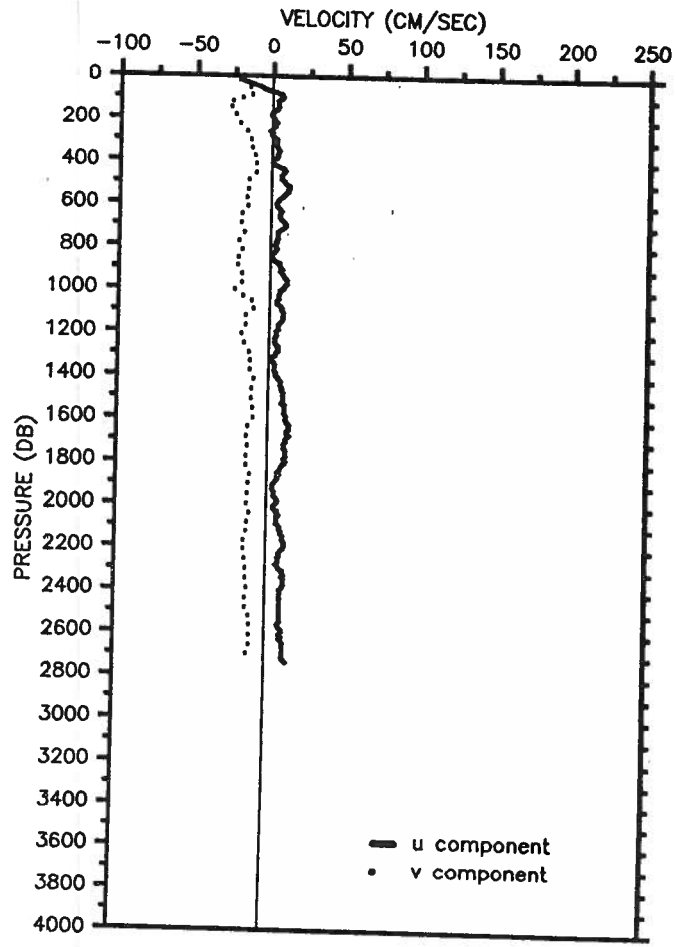
Prs	U	V
10	-33.0	-77.0
20	-22.0	-86.0
30	-18.0	-87.0
40	-16.0	-84.0
50	-13.0	-77.0
60	-12.0	-73.0
70	-10.0	-69.0
80	-9.0	-65.0
90	-8.0	-62.0
100	-8.0	-57.0
110	-9.0	-56.0
120	-4.0	-58.0
130	-2.0	-55.0
140	-2.0	-55.0
150	4.0	-53.0
160	3.0	-52.0
170	3.0	-52.0
180	5.0	-49.0
190	6.0	-43.0
200	1.0	-36.0
250	-3.0	-30.0
300	-1.0	-27.0
350	0.0	-24.0
400	-3.0	-23.0
450	-1.0	-26.0
500	1.0	-22.0
550	8.0	-14.0
600	0.0	-18.0
650	-8.0	-23.0
700	-2.0	-13.0
750	-1.0	-17.0
800	2.0	-13.0
850	-5.0	-11.0
900	-8.0	-7.0
950	-5.0	0.0
1000	1.0	1.0
1500	-3.0	-1.0
2000	-2.0	-1.0
2500	-7.0	0.0
2770	-9.0	-4.0

RES-STACS18-85 PEGASUS 16 STN 13
R/V RESEARCHER JDAY 112 TIME 2109Z
Latitude 27.364 N Longitude 075.882 W



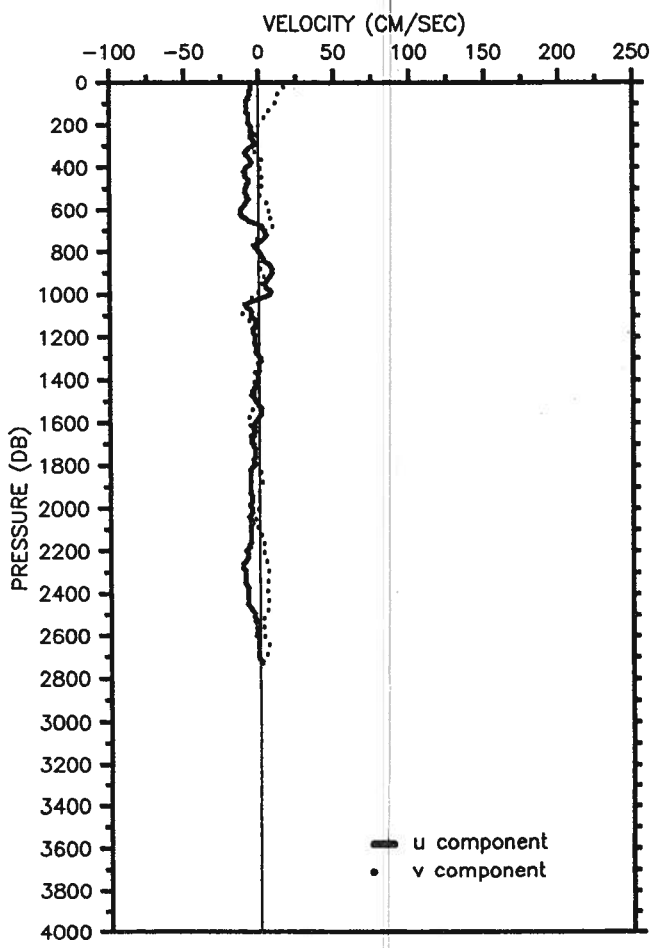
Prs	U	V
50	-16.0	-61.0
60	-17.0	-56.0
70	-17.0	-54.0
80	-17.0	-52.0
90	-17.0	-50.0
100	-15.0	-48.0
110	-12.0	-46.0
120	-10.0	-44.0
130	-9.0	-42.0
140	-8.0	-41.0
150	-7.0	-40.0
160	-6.0	-40.0
170	-5.0	-41.0
180	-4.0	-41.0
190	-4.0	-39.0
200	-3.0	-37.0
250	-5.0	-30.0
300	-7.0	-24.0
350	-5.0	-21.0
400	-6.0	-21.0
450	-7.0	-23.0
500	-9.0	-20.0
550	-11.0	-18.0
600	-5.0	-17.0
650	-2.0	-12.0
700	-1.0	-16.0
750	-2.0	-20.0
800	-1.0	-17.0
850	3.0	-15.0
900	1.0	-6.0
950	1.0	-3.0
1000	3.0	-5.0
1500	0.0	-2.0
2000	1.0	-6.0
2500	-2.0	1.0
2760	-2.0	-1.0

RES-STACS18-85 PEGASUS 17 STN 14
R/V RESEARCHER JDAY 113 TIME 0758Z
Latitude 26.918 N Longitude 076.135 W



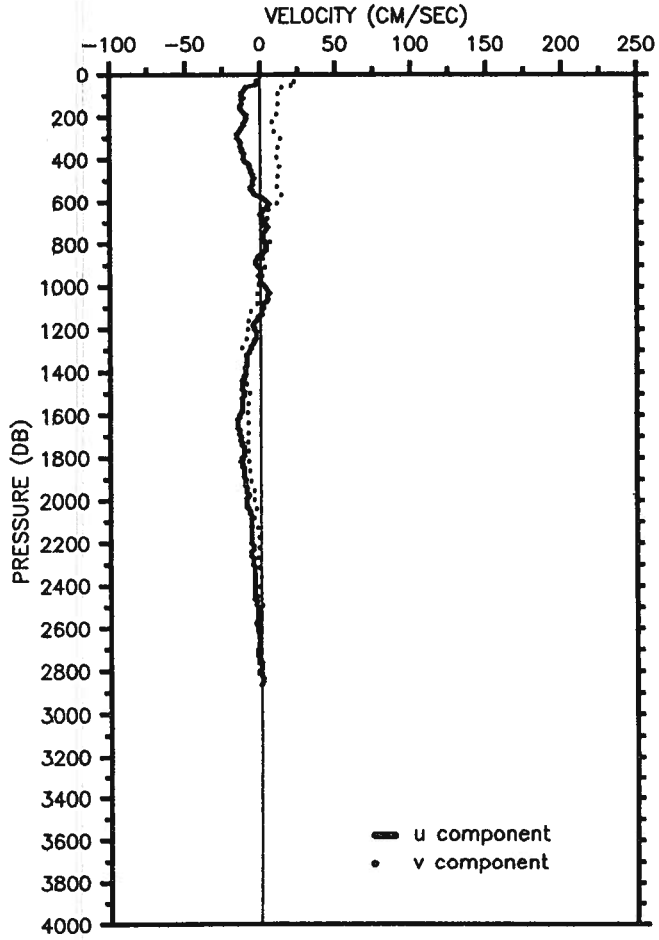
Prs	U	V
20	-21.0	-19.0
30	-16.0	-16.0
40	-12.0	-16.0
50	-8.0	-15.0
60	-5.0	-12.0
70	-1.0	-12.0
80	3.0	-12.0
90	6.0	-14.0
100	7.0	-19.0
110	6.0	-24.0
120	4.0	-27.0
130	4.0	-29.0
140	4.0	-28.0
150	4.0	-25.0
160	3.0	-25.0
170	1.0	-25.0
180	0.0	-24.0
190	0.0	-23.0
200	1.0	-22.0
250	0.0	-17.0
300	3.0	-13.0
350	5.0	-10.0
400	1.0	-12.0
450	9.0	-10.0
500	9.0	-16.0
550	11.0	-16.0
600	4.0	-14.0
650	6.0	-19.0
700	10.0	-18.0
750	5.0	-18.0
800	3.0	-20.0
850	1.0	-21.0
900	7.0	-19.0
950	10.0	-17.0
1000	9.0	-23.0
1500	10.0	-11.0
2000	6.0	-13.0
2500	10.0	-12.0
2740	14.0	-11.0

RES-STACS18-85 PEGASUS 18 STN 15
R/V RESEARCHER JDAY 113 TIME 1843Z
Latitude 26.528 N Longitude 076.380 W



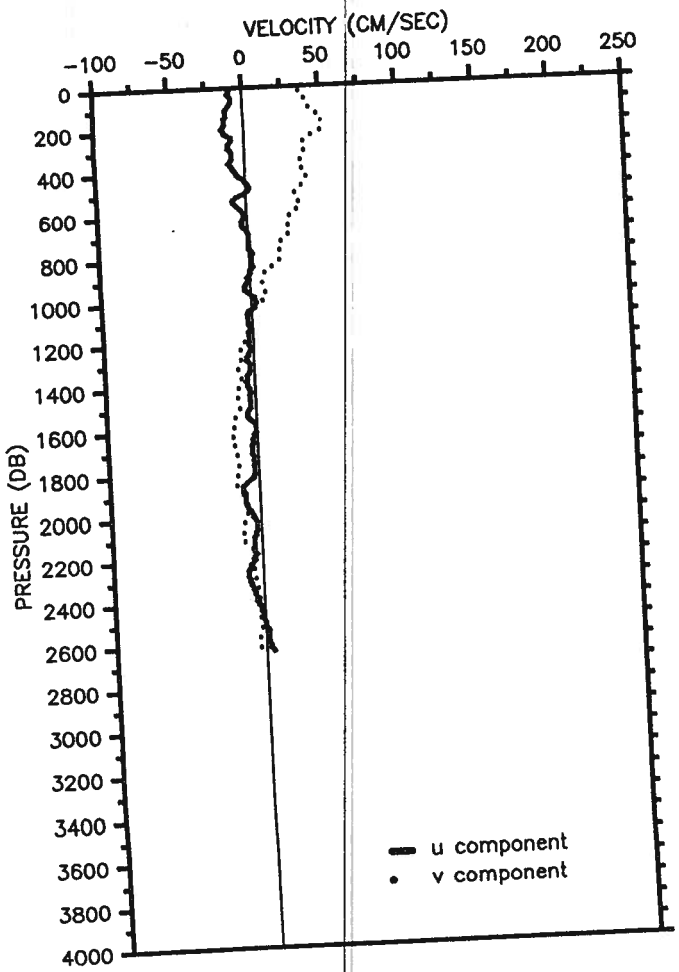
Prs	U	V
20	-5.0	17.0
30	-5.0	17.0
40	-6.0	14.0
50	-6.0	13.0
60	-6.0	13.0
70	-7.0	13.0
80	-7.0	12.0
90	-8.0	12.0
100	-8.0	10.0
110	-8.0	9.0
120	-8.0	7.0
130	-8.0	7.0
140	-8.0	7.0
150	-7.0	7.0
160	-7.0	4.0
170	-7.0	3.0
180	-7.0	1.0
190	-7.0	0.0
200	-6.0	0.0
250	-5.0	-2.0
300	-4.0	-1.0
350	-7.0	1.0
400	-8.0	1.0
450	-8.0	2.0
500	-9.0	2.0
550	-7.0	4.0
600	-12.0	7.0
650	-7.0	9.0
700	4.0	6.0
750	1.0	-4.0
800	0.0	1.0
850	5.0	4.0
900	9.0	1.0
950	4.0	1.0
1000	7.0	-2.0
1500	-2.0	-3.0
2000	-5.0	-1.0
2500	-4.0	3.0
2730	1.0	5.0

RES-STACS18-85 PEGASUS 19 STN 16
R/V RESEARCHER JDAY 114 TIME 0457Z
Latitude 26.548 N Longitude 076.522 W



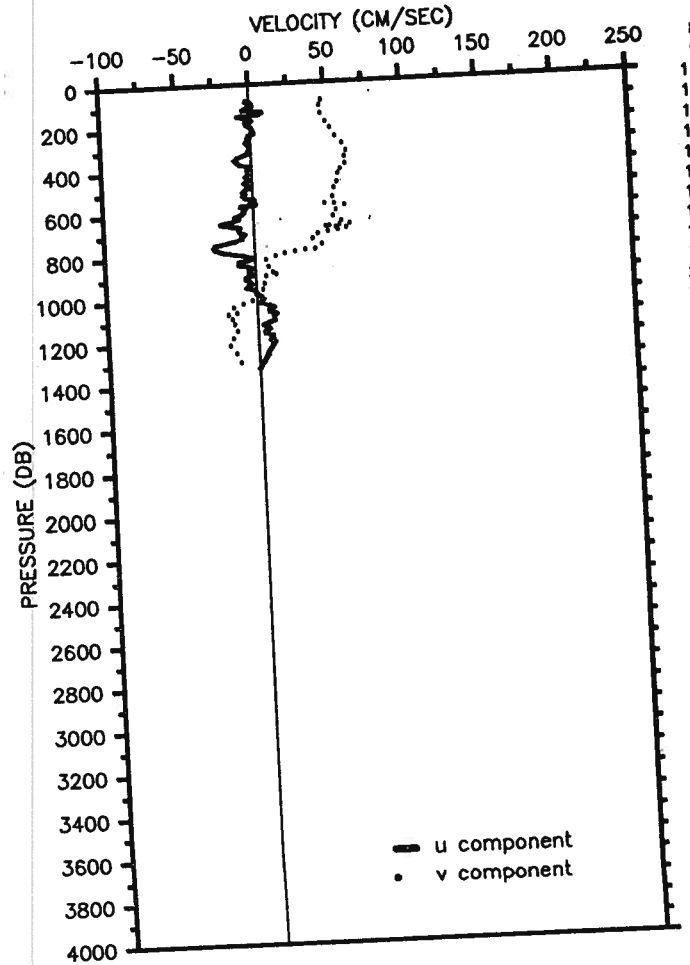
Prs	U	V
30	-2.0	23.0
40	-1.0	25.0
50	-3.0	21.0
60	-9.0	12.0
70	-10.0	13.0
80	-11.0	12.0
90	-12.0	12.0
100	-12.0	12.0
110	-11.0	12.0
120	-12.0	12.0
130	-12.0	12.0
140	-12.0	12.0
150	-13.0	11.0
160	-13.0	11.0
170	-12.0	11.0
180	-11.0	11.0
190	-9.0	11.0
200	-9.0	11.0
250	-12.0	9.0
300	-15.0	14.0
350	-12.0	12.0
400	-11.0	12.0
450	-6.0	12.0
500	-5.0	11.0
550	-5.0	13.0
600	5.0	12.0
650	1.0	4.0
700	3.0	2.0
750	2.0	2.0
800	3.0	5.0
850	1.0	2.0
900	-2.0	3.0
950	-1.0	1.0
1000	3.0	-2.0
1500	-11.0	-7.0
2000	-9.0	-4.0
2500	-2.0	0.0
2860	0.0	1.0

RES-STACS18-85 PEGASUS 20 STN 18
R/V RESEARCHER JDAY 114 TIME 1418Z
Latitude 26.526 N Longitude 076.752 W



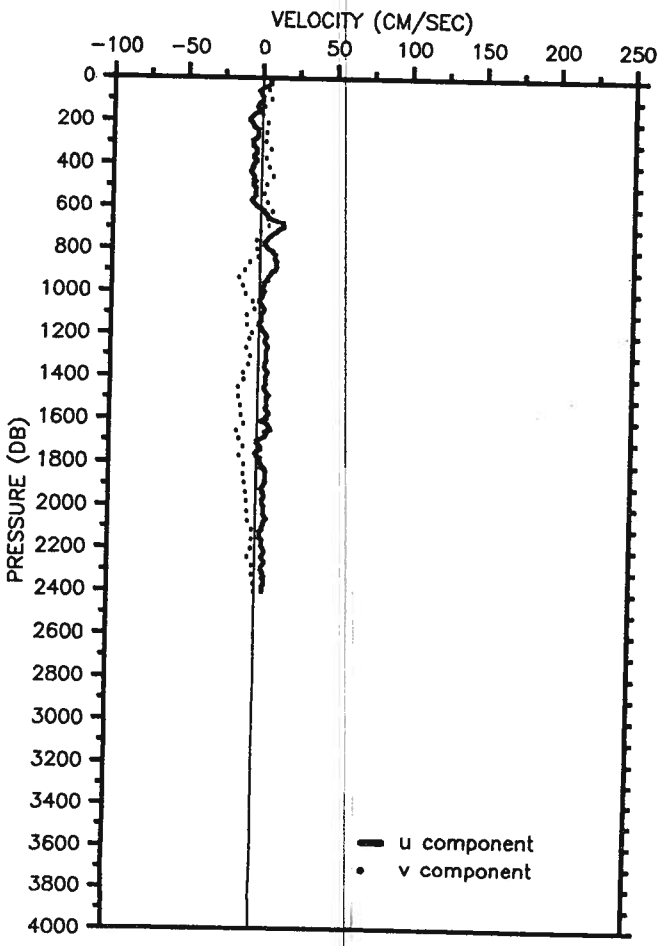
Prs	U	V
20	-9.0	37.0
30	-10.0	37.0
40	-9.0	38.0
50	-8.0	40.0
60	-8.0	41.0
70	-8.0	42.0
80	-9.0	42.0
90	-10.0	43.0
100	-11.0	43.0
110	-12.0	45.0
120	-12.0	47.0
130	-12.0	49.0
140	-12.0	51.0
150	-13.0	51.0
160	-13.0	51.0
170	-13.0	51.0
180	-13.0	51.0
190	-14.0	51.0
200	-15.0	51.0
250	-9.0	39.0
300	-10.0	39.0
350	-10.0	38.0
400	-7.0	39.0
450	0.0	39.0
500	-1.0	32.0
550	-8.0	36.0
600	-2.0	28.0
650	-4.0	27.0
700	0.0	24.0
750	0.0	20.0
800	1.0	20.0
850	1.0	12.0
900	-1.0	8.0
950	-4.0	9.0
1000	3.0	7.0
1500	-4.0	-11.0
2000	-5.0	-10.0
2500	0.0	-2.0
2630	5.0	-4.0

RES-STACS18-85 PEGASUS 21 STN 19
R/V RESEARCHER JDAY 114 TIME 2114Z
Latitude 26.544 N Longitude 076.852 W



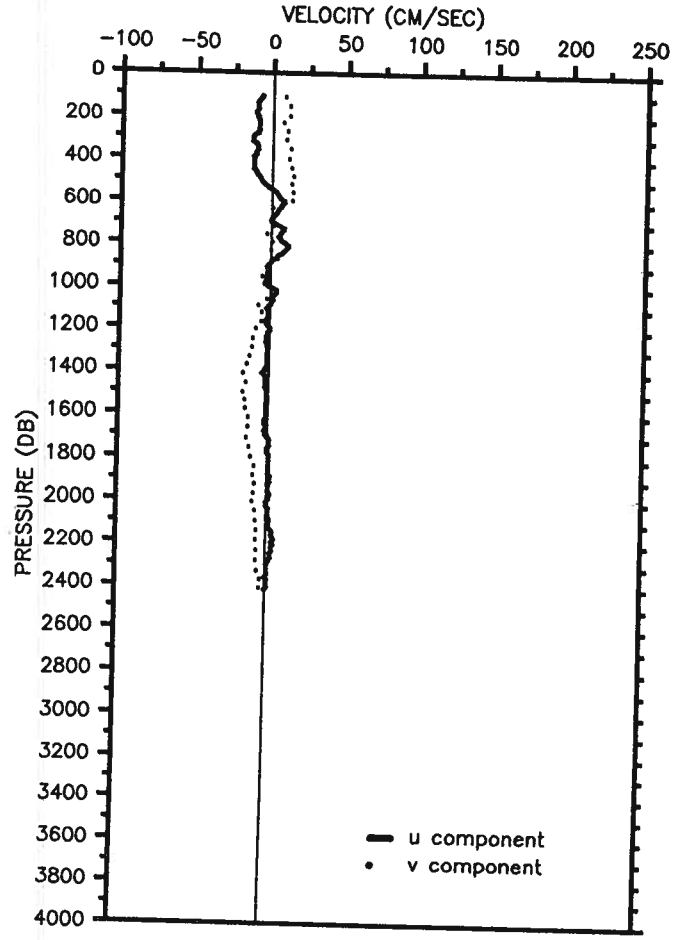
Prs	U	V
80	-2.0	48.0
90	1.0	50.0
100	2.0	48.0
110	-2.0	45.0
120	-4.0	46.0
130	8.0	46.0
140	6.0	47.0
150	-8.0	48.0
160	-2.0	49.0
170	1.0	49.0
180	-3.0	50.0
190	-2.0	53.0
200	0.0	52.0
250	-2.0	57.0
300	-1.0	61.0
350	-11.0	63.0
400	-3.0	58.0
450	-3.0	57.0
500	-6.0	54.0
550	-1.0	52.0
600	-6.0	55.0
650	-22.0	64.0
700	-6.0	44.0
750	-26.0	45.0
800	-7.0	14.0
850	-5.0	9.0
900	-6.0	7.0
950	-6.0	6.0
1000	5.0	-1.0
1320	0.0	-10.0

RES-STACS18-85 PEGASUS 22 STN 15
R/V RESEARCHER JDAY 115 TIME 0232Z
Latitude 26.528 N Longitude 076.380 W



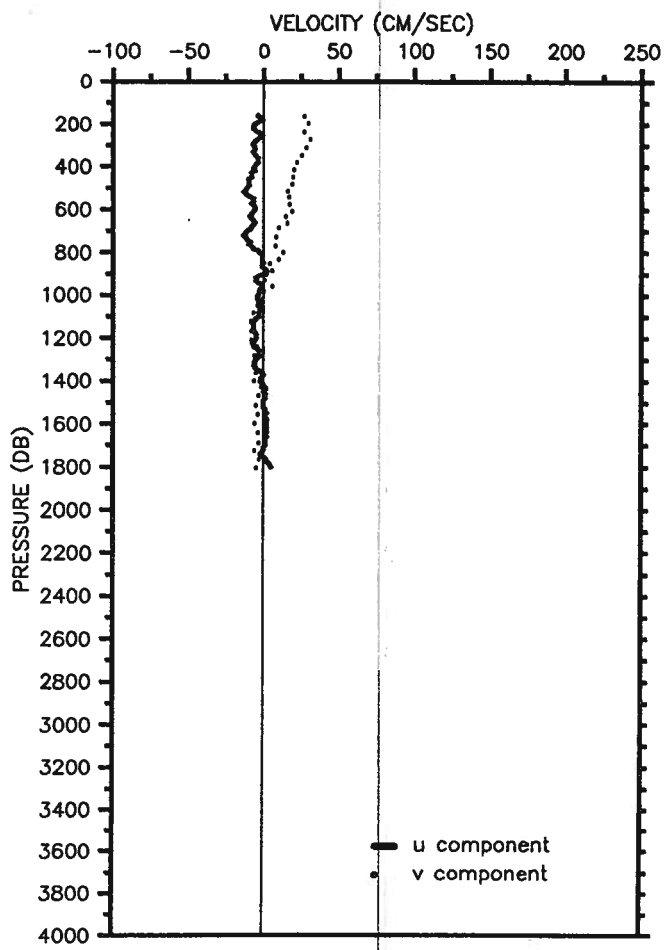
Prs	U	V
20	5.0	6.0
30	5.0	7.0
40	3.0	6.0
50	0.0	4.0
60	-2.0	4.0
70	-1.0	4.0
80	-1.0	4.0
90	0.0	6.0
100	0.0	6.0
110	0.0	5.0
120	-2.0	3.0
130	-3.0	1.0
140	-3.0	0.0
150	-2.0	-1.0
160	-3.0	-1.0
170	-5.0	0.0
180	-7.0	1.0
190	-8.0	3.0
200	-8.0	3.0
250	-3.0	3.0
300	-6.0	3.0
350	-4.0	5.0
400	-5.0	4.0
450	-6.0	7.0
500	-5.0	3.0
550	-4.0	2.0
600	-2.0	6.0
650	5.0	5.0
700	15.0	3.0
750	5.0	-2.0
800	5.0	-2.0
850	10.0	-4.0
900	10.0	-11.0
950	5.0	-13.0
1000	3.0	-11.0
1500	6.0	-14.0
2000	5.0	-6.0
2400	5.0	1.0

RES-STACS18-85 PEGASUS 23 STN 16
R/V RESEARCHER JDAY 115 TIME 0626Z
Latitude 26.548 N Longitude 076.522 W



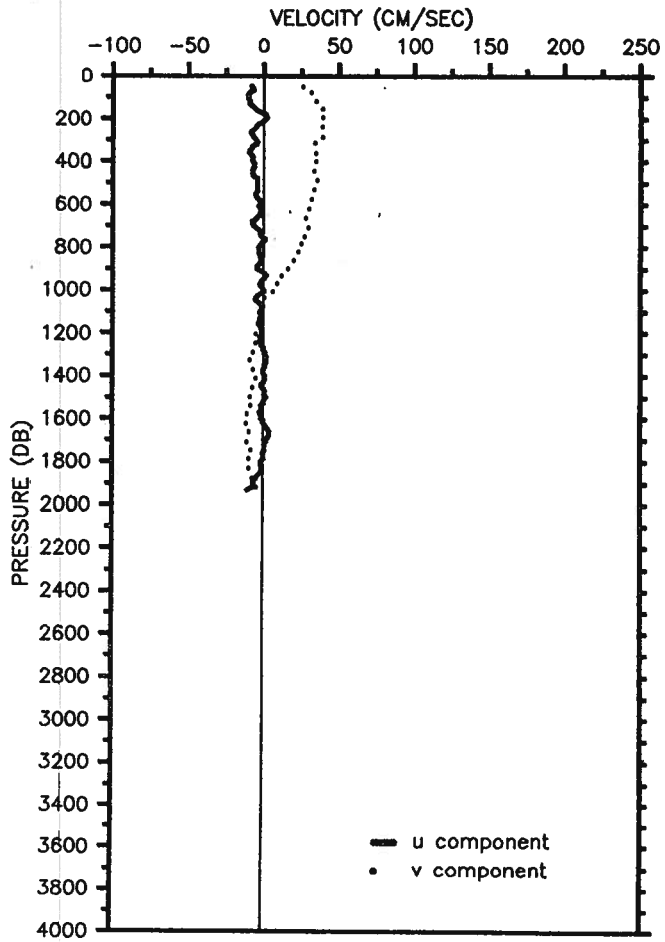
Prs	U	V
110	-7.0	8.0
120	-8.0	9.0
130	-9.0	10.0
140	-10.0	11.0
150	-10.0	11.0
160	-10.0	12.0
170	-10.0	11.0
180	-11.0	11.0
190	-11.0	11.0
200	-10.0	11.0
250	-9.0	8.0
300	-13.0	10.0
350	-10.0	12.0
400	-12.0	11.0
450	-12.0	14.0
500	-7.0	15.0
550	1.0	14.0
600	8.0	12.0
650	4.0	0.0
700	0.0	2.0
750	7.0	-3.0
800	9.0	0.0
850	7.0	2.0
900	-1.0	-2.0
950	-2.0	-5.0
1000	-1.0	-2.0
1500	-1.0	-17.0
2000	1.0	-9.0
2420	0.0	1.0

RES-STACS18-85 PEGASUS 24 STN 17
R/V RESEARCHER JDAY 115 TIME 1438Z
Latitude 26.540 N Longitude 076.667 W



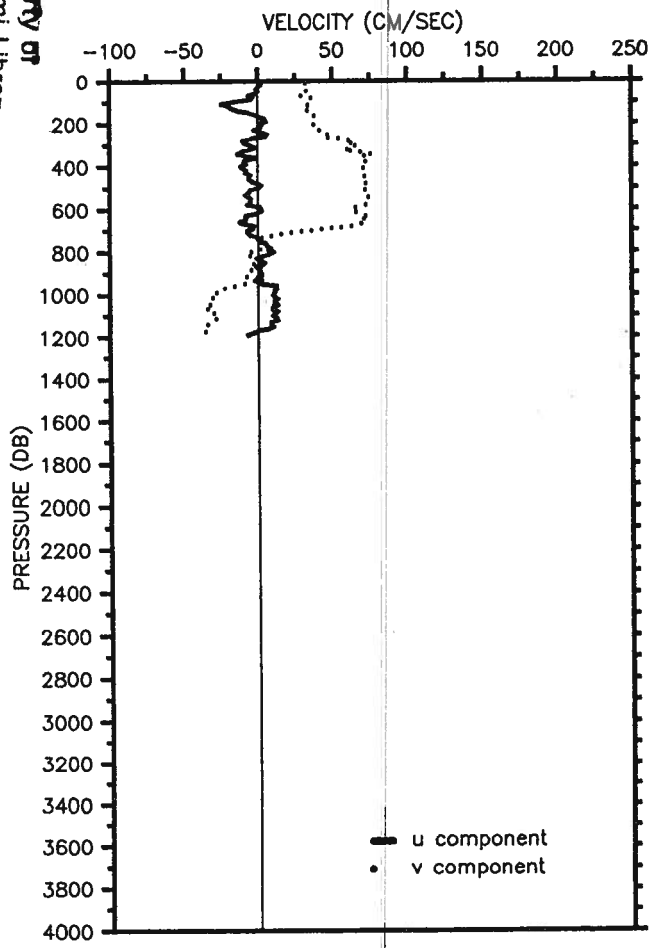
Prs	U	V
160	-4.0	27.0
170	-2.0	26.0
180	-1.0	26.0
190	-4.0	29.0
200	-6.0	30.0
250	-1.0	28.0
300	-7.0	30.0
350	-5.0	26.0
400	-6.0	19.0
450	-8.0	19.0
500	-11.0	19.0
550	-7.0	19.0
600	-6.0	20.0
650	-7.0	17.0
700	-11.0	11.0
750	-9.0	7.0
800	-3.0	14.0
850	0.0	4.0
900	0.0	2.0
950	-1.0	6.0
1000	-4.0	-1.0
1500	0.0	-5.0
1800	5.0	-5.0

RES-STACS18-85 PEGASUS 25 STN 18
R/V RESEARCHER JDAY 115 TIME 1802Z
Latitude 26.526 N Longitude 076.752 W



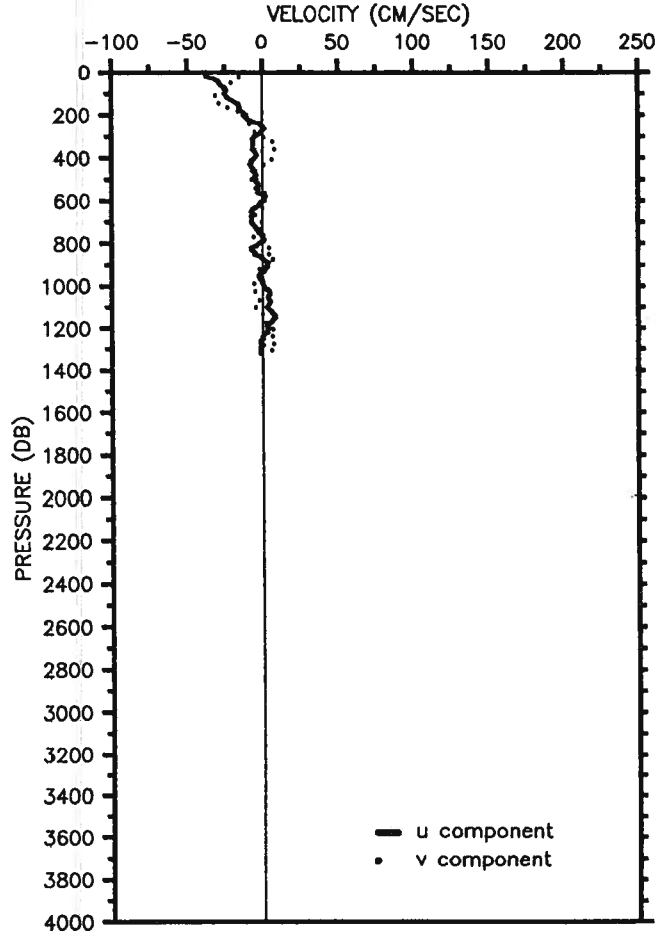
Prs	U	V
50	-8.0	26.0
60	-7.0	29.0
70	-7.0	31.0
80	-9.0	32.0
90	-10.0	32.0
100	-10.0	33.0
110	-10.0	34.0
120	-9.0	35.0
130	-9.0	36.0
140	-8.0	38.0
150	-6.0	39.0
160	-4.0	40.0
170	-2.0	41.0
180	1.0	41.0
190	2.0	39.0
200	2.0	39.0
250	-6.0	39.0
300	-5.0	36.0
350	-9.0	35.0
400	-7.0	35.0
450	-7.0	34.0
500	-4.0	35.0
550	-5.0	33.0
600	-2.0	31.0
650	-2.0	28.0
700	-6.0	30.0
750	-1.0	27.0
800	-3.0	22.0
850	-2.0	21.0
900	-4.0	16.0
950	0.0	9.0
1000	0.0	7.0
1500	2.0	-9.0
1930	-10.0	-4.0

RES-STACS18-85 PEGASUS 26 STN 19
R/V RESEARCHER JDAY 115 TIME 2324Z
Latitude 26.544 N Longitude 076.852 W



Prs	U	V
10	2.0	32.0
20	2.0	33.0
30	0.0	34.0
40	-1.0	34.0
50	0.0	32.0
60	-2.0	28.0
70	-6.0	30.0
80	-4.0	36.0
90	-5.0	34.0
100	-17.0	33.0
110	-24.0	34.0
120	-20.0	32.0
130	-17.0	31.0
140	-13.0	34.0
150	-7.0	38.0
160	-1.0	38.0
170	1.0	37.0
180	4.0	38.0
190	5.0	37.0
200	1.0	37.0
250	6.0	47.0
300	-5.0	66.0
350	-8.0	70.0
400	-11.0	69.0
450	-6.0	70.0
500	0.0	72.0
550	-5.0	73.0
600	2.0	65.0
650	-9.0	68.0
700	-7.0	29.0
750	2.0	1.0
800	10.0	-8.0
850	4.0	-3.0
900	2.0	-8.0
950	3.0	-10.0
1000	10.0	-32.0
1190	-7.0	-34.0

RES-STACS18-85 PEGASUS 27 STN 20
R/V RESEARCHER JDAY 119 TIME 0203Z
Latitude 20.731 N Longitude 073.132 W



Prs	U	V
20	-37.0	-15.0
30	-31.0	-16.0
40	-29.0	-19.0
50	-28.0	-22.0
60	-27.0	-24.0
70	-25.0	-25.0
80	-24.0	-27.0
90	-24.0	-28.0
100	-25.0	-30.0
110	-24.0	-31.0
120	-23.0	-31.0
130	-20.0	-31.0
140	-18.0	-29.0
150	-16.0	-27.0
160	-15.0	-24.0
170	-15.0	-21.0
180	-14.0	-15.0
190	-12.0	-11.0
200	-12.0	-9.0
250	0.0	-7.0
300	-5.0	1.0
350	-6.0	9.0
400	-5.0	7.0
450	-6.0	-3.0
500	-4.0	-7.0
550	-3.0	0.0
600	1.0	-1.0
650	-7.0	-3.0
700	-7.0	0.0
750	-2.0	-3.0
800	-2.0	0.0
850	-5.0	3.0
900	3.0	1.0
950	-2.0	-1.0
1000	1.0	-7.0
1320	-1.0	2.0

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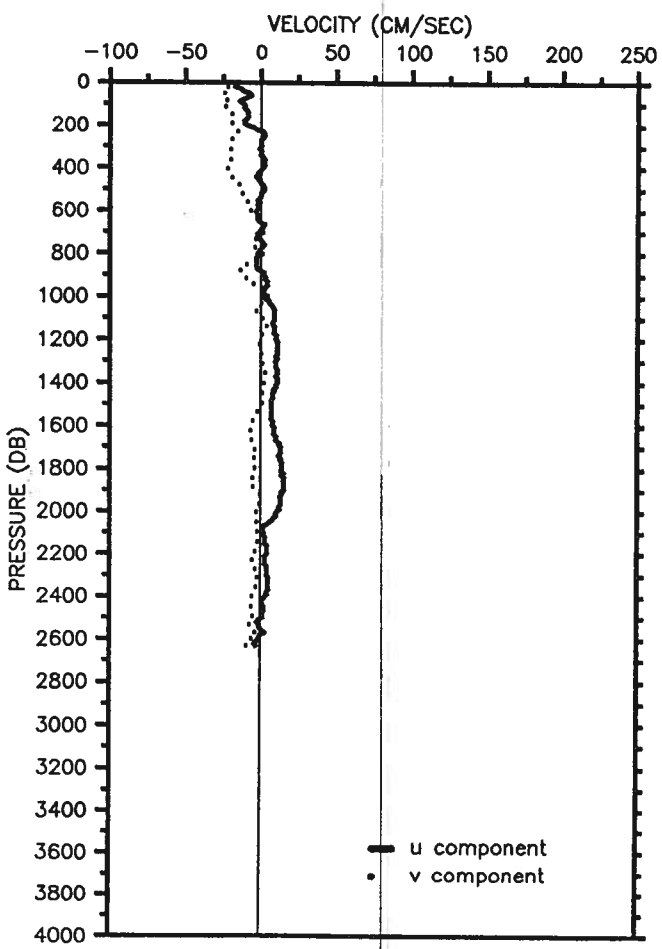
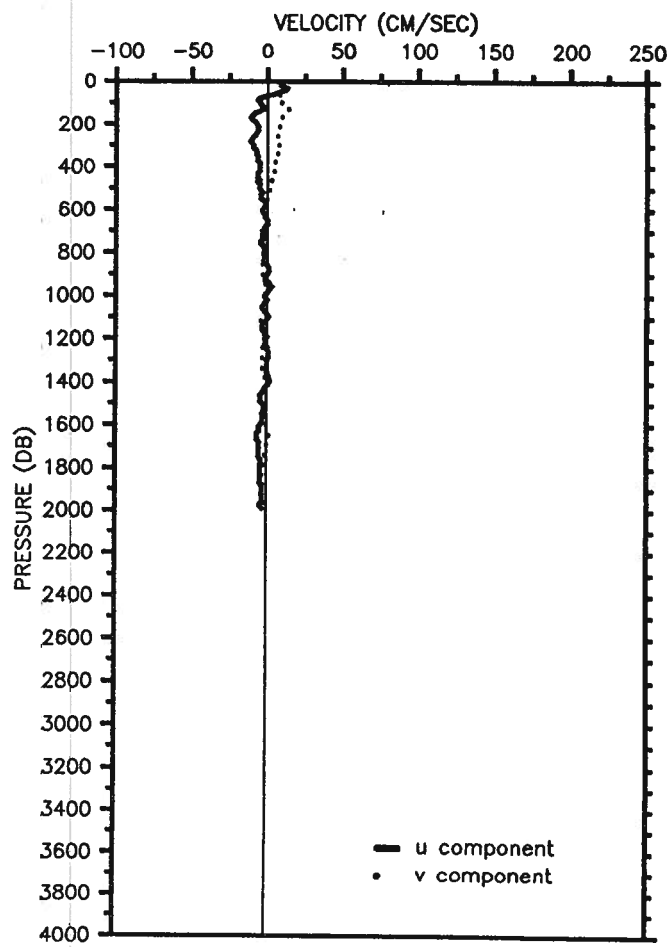
RES-STACS18-85 PEGASUS 29 STN 21
R/V RESEARCHER JDAY 119 TIME 1954Z
Latitude 20.328 N Longitude 073.028 W



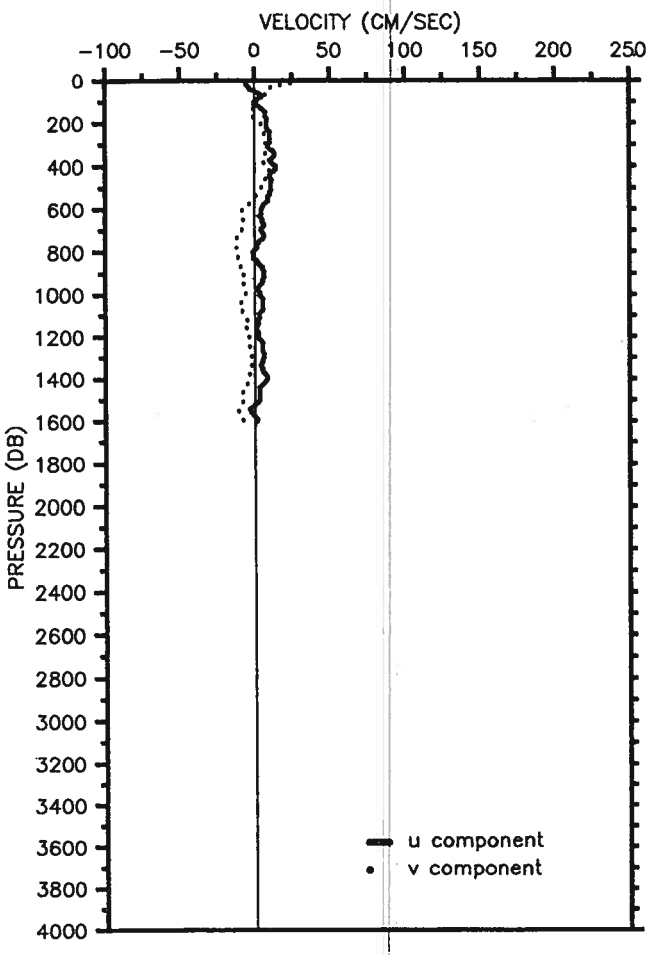
Prs	U	V
20	-17.0	-22.0
30	-13.0	-21.0
40	-12.0	-24.0
50	-8.0	-24.0
60	-7.0	-22.0
70	-9.0	-21.0
80	-12.0	-22.0
90	-14.0	-25.0
100	-12.0	-25.0
110	-11.0	-23.0
120	-11.0	-22.0
130	-10.0	-21.0
140	-9.0	-19.0
150	-9.0	-19.0
160	-9.0	-20.0
170	-10.0	-19.0
180	-11.0	-19.0
190	-11.0	-19.0
200	-9.0	-17.0
250	2.0	-18.0
300	0.0	-19.0
350	1.0	-20.0
400	1.0	-22.0
450	-2.0	-18.0
500	2.0	-13.0
550	-2.0	-9.0
600	-3.0	-6.0
650	-1.0	1.0
700	-1.0	2.0
750	1.0	-5.0
800	-2.0	1.0
850	-3.0	-11.0
900	2.0	-12.0
950	4.0	-1.0
1000	2.0	4.0
1500	7.0	0.0
2000	11.0	-3.0
2500	1.0	-5.0
2630	-3.0	-9.0

RES-STACS18-85 PEGASUS 31 STN 22
R/V RESEARCHER JDAY 122 TIME 1730Z
Latitude 18.917 N Longitude 066.117 W



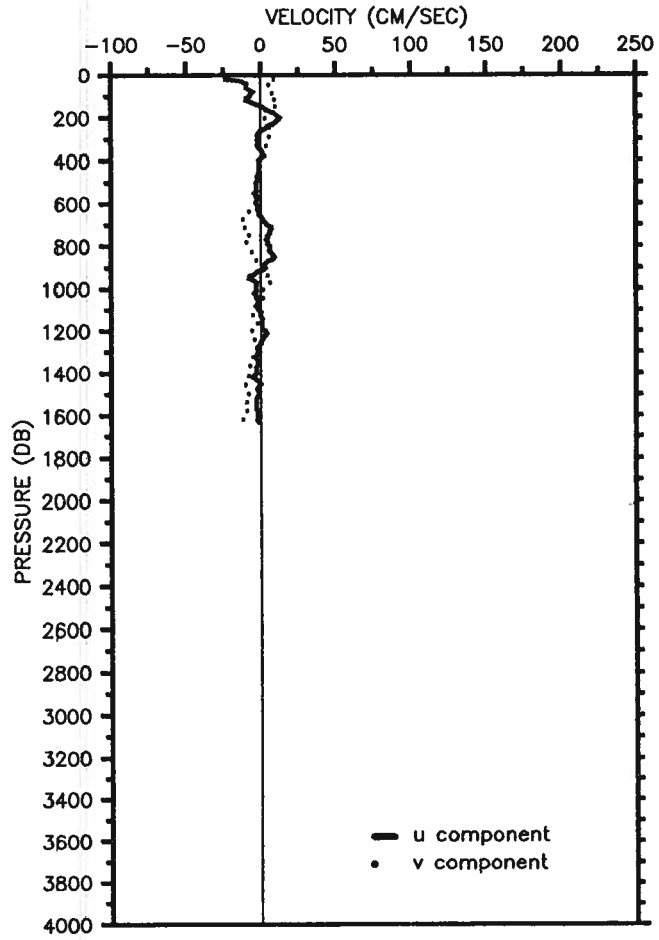
Prs	U	V
20	9.0	9.0
30	13.0	9.0
40	12.0	10.0
50	9.0	9.0
60	4.0	8.0
70	-1.0	7.0
80	-5.0	7.0
90	-6.0	8.0
100	-5.0	10.0
110	-4.0	13.0
120	-3.0	14.0
130	-3.0	14.0
140	-5.0	13.0
150	-8.0	11.0
160	-10.0	10.0
170	-11.0	10.0
180	-10.0	9.0
190	-8.0	9.0
200	-7.0	9.0
250	-8.0	7.0
300	-9.0	8.0
350	-6.0	5.0
400	-5.0	6.0
450	-6.0	3.0
500	-5.0	2.0
550	-4.0	0.0
600	-3.0	-3.0
650	0.0	1.0
700	-3.0	-2.0
750	-4.0	-4.0
800	-2.0	-3.0
850	-1.0	-3.0
900	0.0	-3.0
950	2.0	-1.0
1000	-1.0	0.0
1500	-3.0	-3.0
1990	-3.0	-1.0

RES-STACS18-85 PEGASUS 32 STN 23
R/V RESEARCHER JDAY 123 TIME 0419Z
Latitude 18.667 N Longitude 066.117 W



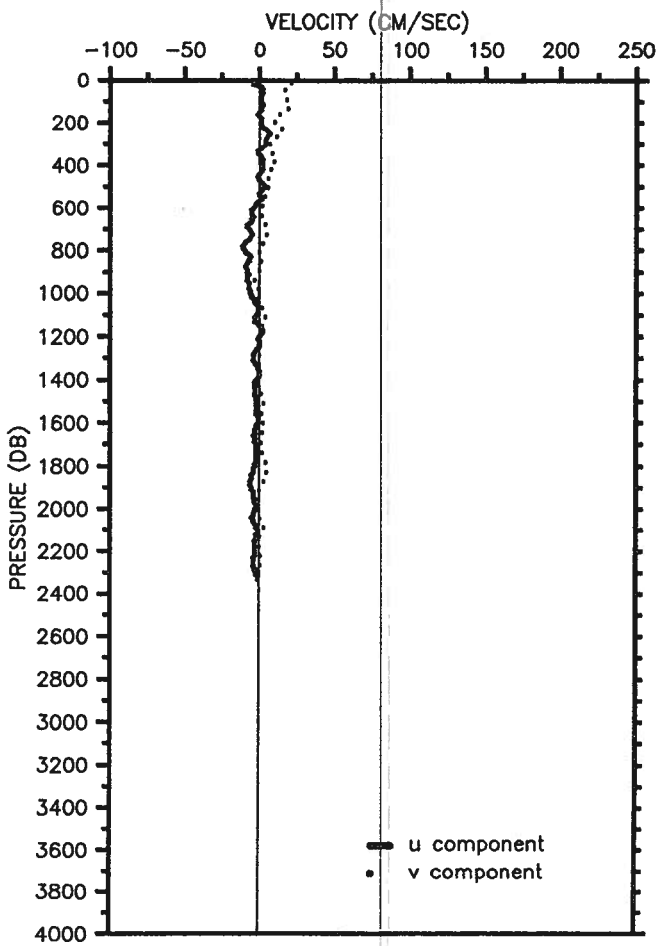
Prs	U	V
10	-5.0	24.0
20	-5.0	17.0
30	-4.0	10.0
40	-3.0	9.0
50	0.0	9.0
60	3.0	8.0
70	4.0	6.0
80	4.0	4.0
90	2.0	2.0
100	0.0	1.0
110	0.0	-1.0
120	2.0	0.0
130	4.0	-1.0
140	6.0	-2.0
150	7.0	-2.0
160	7.0	-2.0
170	7.0	-1.0
180	8.0	1.0
190	8.0	3.0
200	8.0	4.0
250	10.0	7.0
300	9.0	7.0
350	13.0	8.0
400	14.0	7.0
450	10.0	7.0
500	11.0	4.0
550	9.0	-1.0
600	4.0	-8.0
650	5.0	-8.0
700	4.0	-9.0
750	3.0	-12.0
800	-1.0	-11.0
850	2.0	-10.0
900	6.0	-7.0
950	4.0	-7.0
1000	3.0	-7.0
1500	3.0	-8.0
1600	1.0	-9.0

RES-STACS18-85 PEGASUS 33 STN 23
R/V RESEARCHER JDAY 126 TIME 2010Z
Latitude 18.667 N Longitude 066.117 W



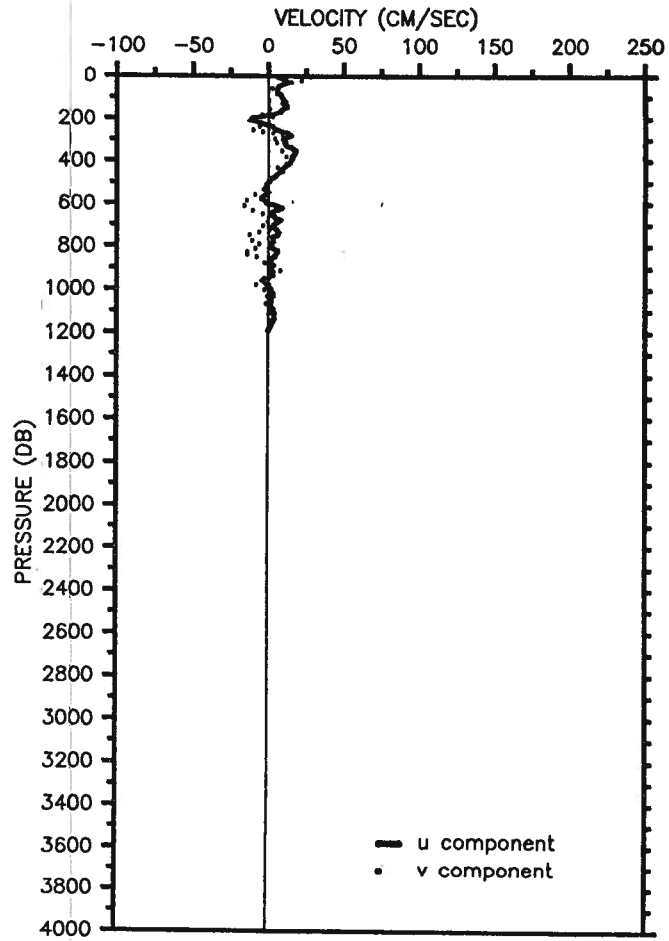
Prs	U	V
20	-23.0	9.0
30	-12.0	5.0
40	-9.0	5.0
50	-9.0	7.0
60	-9.0	8.0
70	-7.0	8.0
80	-5.0	8.0
90	-6.0	6.0
100	-7.0	7.0
110	-9.0	9.0
120	-9.0	11.0
130	-5.0	12.0
140	-2.0	11.0
150	1.0	9.0
160	4.0	5.0
170	6.0	2.0
180	9.0	2.0
190	11.0	3.0
200	13.0	3.0
250	3.0	7.0
300	-2.0	4.0
350	0.0	3.0
400	-1.0	1.0
450	-1.0	-2.0
500	-3.0	-3.0
550	-4.0	-3.0
600	-3.0	-3.0
650	-1.0	-9.0
700	5.0	-12.0
750	5.0	-8.0
800	6.0	-8.0
850	9.0	-3.0
900	3.0	1.0
950	-7.0	8.0
1000	-3.0	2.0
1500	-1.0	-8.0
1630	-1.0	-14.0

RES-STACS18-85 PEGASUS 34 STN 22
R/V RESEARCHER JDAY 127 TIME 1045Z
Latitude 18.917 N Longitude 066.117 W



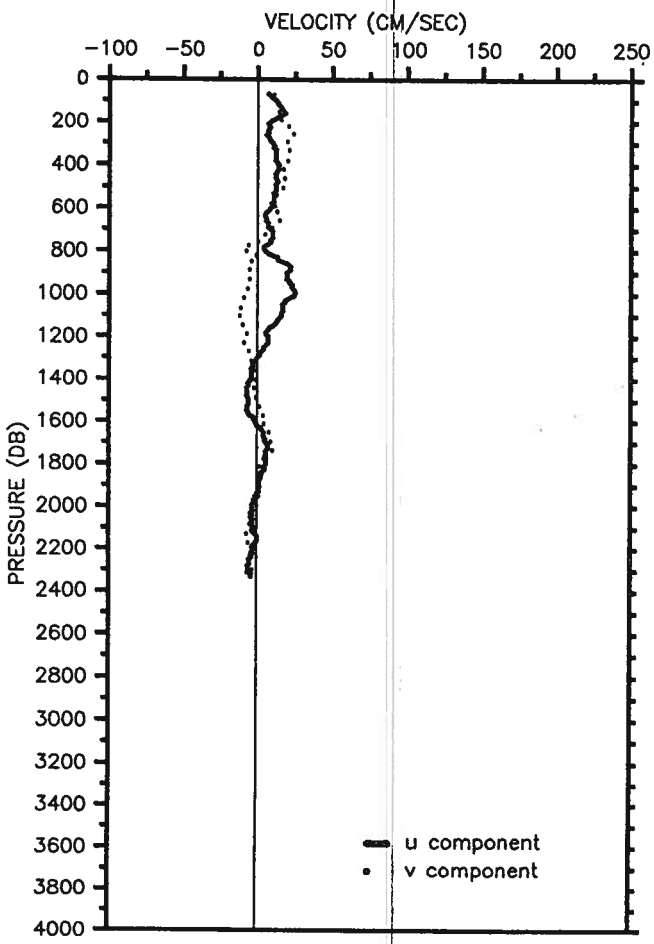
Prs	U	V
10	-4.0	21.0
20	-4.0	20.0
30	1.0	17.0
40	2.0	17.0
50	2.0	17.0
60	2.0	17.0
70	1.0	17.0
80	1.0	17.0
90	1.0	18.0
100	1.0	19.0
110	2.0	19.0
120	2.0	20.0
130	1.0	19.0
140	1.0	17.0
150	0.0	15.0
160	-1.0	13.0
170	0.0	11.0
180	1.0	10.0
190	1.0	10.0
200	1.0	11.0
250	7.0	13.0
300	4.0	7.0
350	0.0	11.0
400	2.0	7.0
450	-1.0	6.0
500	4.0	6.0
550	1.0	3.0
600	-4.0	1.0
650	-5.0	2.0
700	-7.0	5.0
750	-7.0	3.0
800	-10.0	0.0
850	-7.0	1.0
900	-8.0	-1.0
950	-7.0	-2.0
1000	-6.0	0.0
1500	-2.0	3.0
2000	-3.0	-1.0
2330	-1.0	-3.0

RES-STACS18-85 PEGASUS 35 STN 19
R/V RESEARCHER JDAY 131 TIME 2025Z
Latitude 26.544 N Longitude 076.852 W



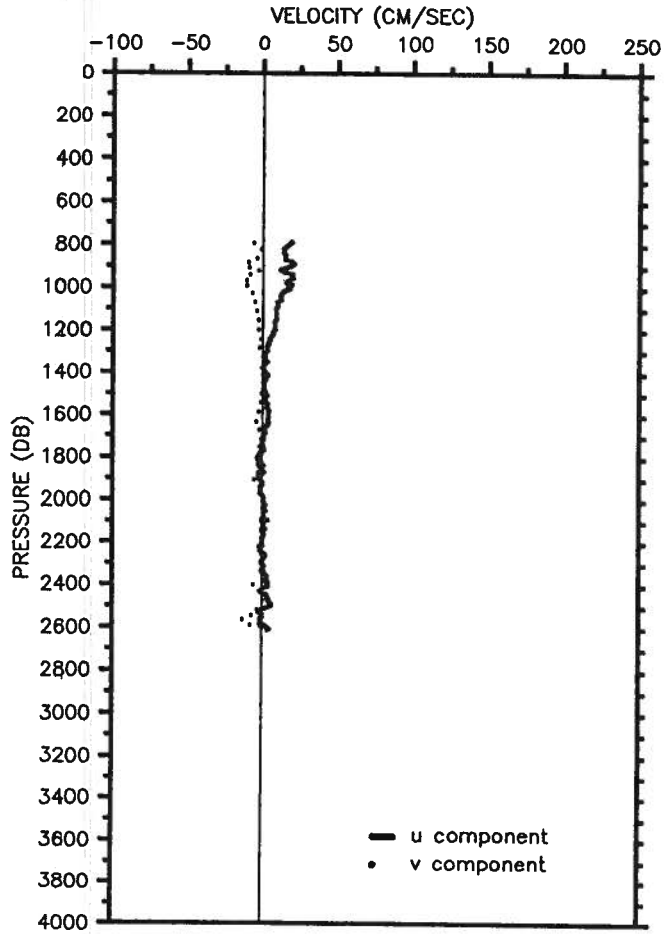
Prs	U	V
0	7.0	28.0
10	7.0	27.0
20	11.0	23.0
30	13.0	14.0
40	10.0	9.0
50	7.0	3.0
60	6.0	2.0
70	6.0	3.0
80	6.0	6.0
90	8.0	5.0
100	9.0	2.0
110	10.0	1.0
120	11.0	0.0
130	10.0	1.0
140	12.0	2.0
150	12.0	1.0
160	9.0	1.0
170	8.0	-3.0
180	4.0	-4.0
190	-4.0	3.0
200	-11.0	4.0
250	5.0	-11.0
300	10.0	2.0
350	18.0	9.0
400	15.0	12.0
450	9.0	4.0
500	0.0	-1.0
550	0.0	-7.0
600	-1.0	-14.0
650	2.0	0.0
700	4.0	-5.0
750	6.0	-14.0
800	2.0	-10.0
850	4.0	-6.0
900	2.0	9.0
950	0.0	-4.0
1000	2.0	-3.0
1190	0.0	4.0

RES-STACS18-85 PEGASUS 36 STN 18
R/V RESEARCHER JDAY 132 TIME 0205Z
Latitude 26.526 N Longitude 076.752 W



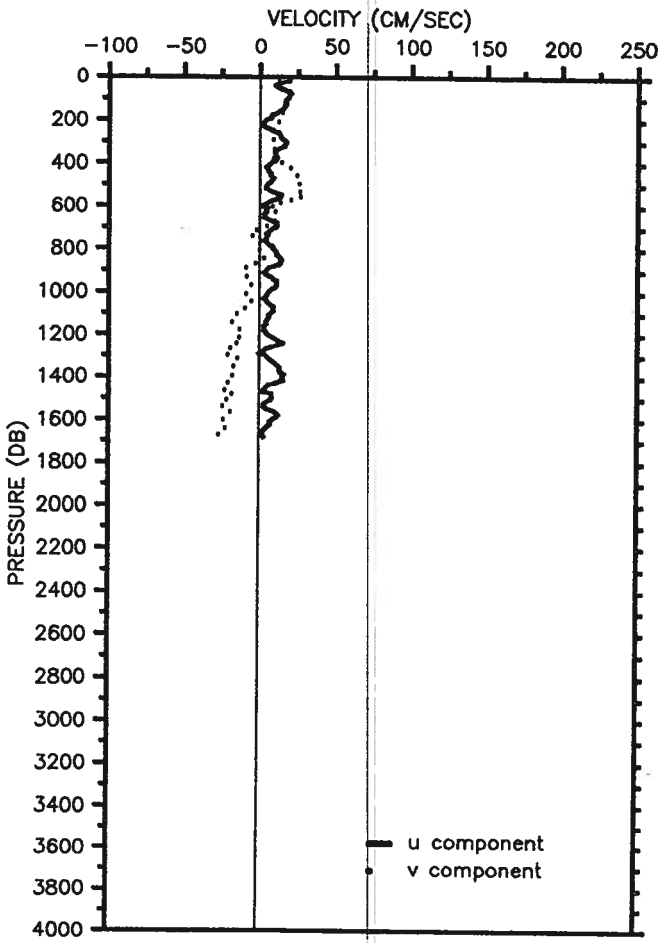
Prs	U	V
70	7.0	11.0
80	9.0	13.0
90	10.0	14.0
100	12.0	14.0
110	13.0	14.0
120	14.0	13.0
130	15.0	13.0
140	16.0	13.0
150	17.0	13.0
160	18.0	16.0
170	16.0	15.0
180	14.0	15.0
190	11.0	16.0
200	9.0	17.0
250	7.0	24.0
300	10.0	21.0
350	12.0	21.0
400	14.0	18.0
450	12.0	18.0
500	12.0	17.0
550	11.0	11.0
600	9.0	11.0
650	6.0	15.0
700	9.0	8.0
750	9.0	1.0
800	5.0	-7.0
850	17.0	-5.0
900	20.0	-5.0
950	22.0	-5.0
1000	25.0	-8.0
1500	-6.0	-1.0
2000	-3.0	-1.0
2330	-4.0	-2.0

RES-STACS18-85 PEGASUS 37 STN 17
R/V RESEARCHER JDAY 132 TIME 1026Z
Latitude 26.540 N Longitude 076.667 W



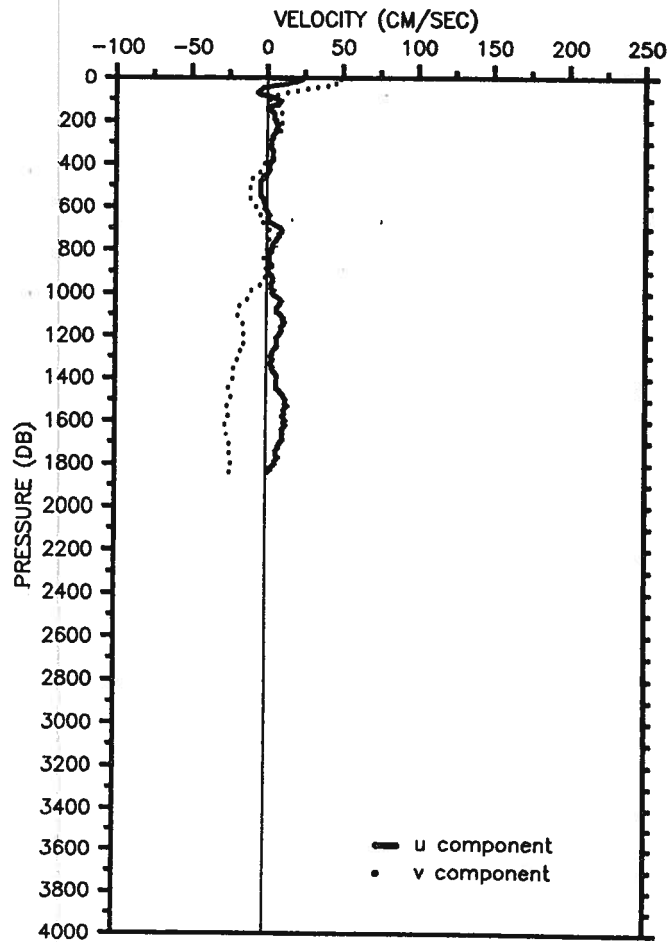
Prs	U	V
800	18.0	-5.0
850	15.0	-4.0
900	19.0	-11.0
950	20.0	-12.0
1000	17.0	-10.0
1500	2.0	-1.0
2000	1.0	2.0
2500	6.0	4.0
2610	4.0	7.0

RES-STACS18-85 PEGASUS 38 STN 16
R/V RESEARCHER JDAY 132 TIME 1747Z
Latitude 26.548 N Longitude 076.522 W



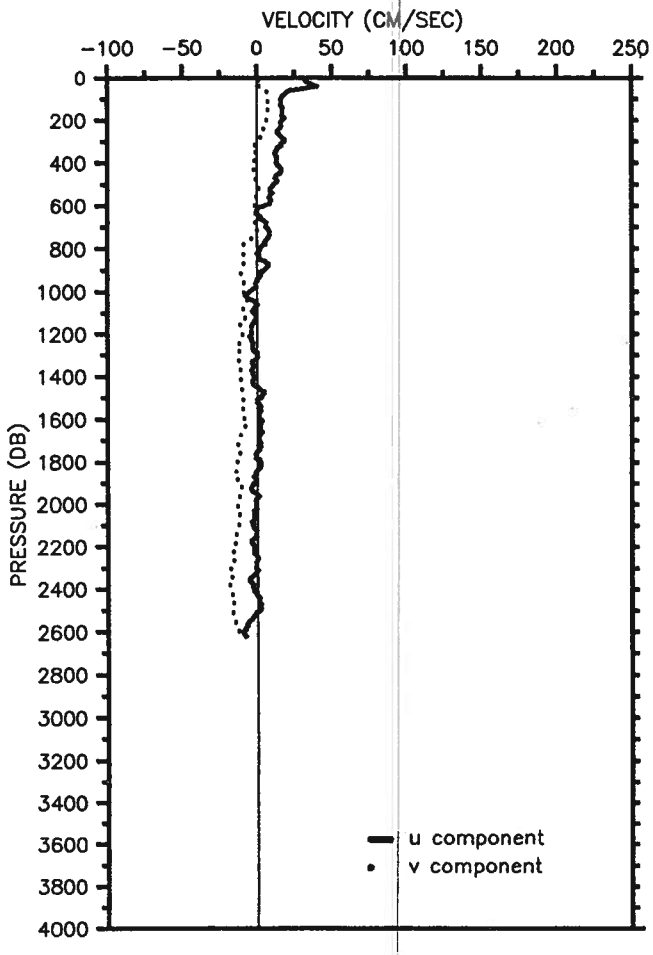
Prs	U	V
20	19.0	12.0
30	13.0	15.0
40	10.0	11.0
50	12.0	10.0
60	16.0	16.0
70	19.0	19.0
80	20.0	20.0
90	19.0	19.0
100	18.0	18.0
110	17.0	17.0
120	17.0	16.0
130	17.0	16.0
140	16.0	15.0
150	15.0	15.0
160	13.0	15.0
170	11.0	14.0
180	8.0	14.0
190	7.0	13.0
200	4.0	12.0
250	9.0	8.0
300	17.0	9.0
350	10.0	9.0
400	8.0	15.0
450	7.0	24.0
500	5.0	25.0
550	14.0	29.0
600	2.0	8.0
650	3.0	11.0
700	10.0	1.0
750	4.0	-1.0
800	9.0	0.0
850	14.0	2.0
900	4.0	-10.0
950	11.0	-6.0
1000	6.0	-9.0
1500	8.0	-21.0
1680	3.0	-30.0

RES-STACS18-85 PEGASUS 39 STN 15
R/V RESEARCHER JDAY 132 TIME 2039Z
Latitude 26.528 N Longitude 076.380 W



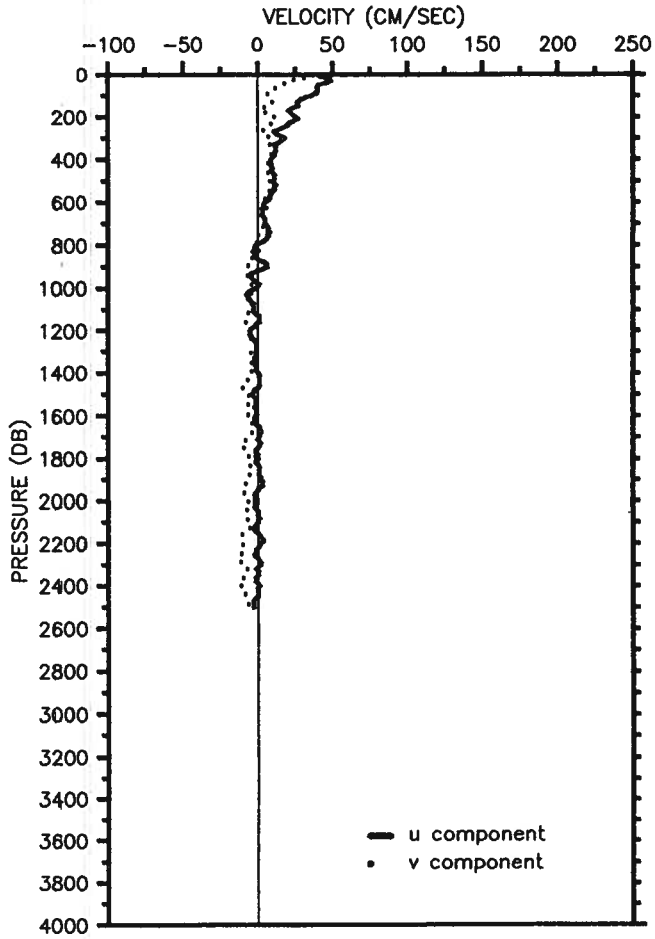
Prs	U	V
0	-1.0	55.0
10	23.0	44.0
20	20.0	45.0
30	13.0	46.0
40	3.0	35.0
50	-3.0	26.0
60	-5.0	19.0
70	-6.0	12.0
80	-4.0	7.0
90	2.0	2.0
100	7.0	2.0
110	9.0	3.0
120	8.0	5.0
130	5.0	8.0
140	1.0	10.0
150	1.0	9.0
160	4.0	10.0
170	5.0	10.0
180	5.0	10.0
190	5.0	9.0
200	6.0	9.0
250	6.0	8.0
300	3.0	1.0
350	4.0	0.0
400	2.0	-2.0
450	0.0	-7.0
500	-4.0	-10.0
550	-4.0	-11.0
600	-1.0	-7.0
650	1.0	-4.0
700	9.0	2.0
750	7.0	2.0
800	3.0	0.0
850	2.0	-1.0
900	1.0	0.0
950	4.0	-2.0
1000	4.0	-11.0
1500	13.0	-23.0
1840	2.0	-24.0

RES-STACS18-85 PEGASUS 40 STN 14
R/V RESEARCHER JDAY 133 TIME 0515Z
Latitude 26.918 N Longitude 076.135 W



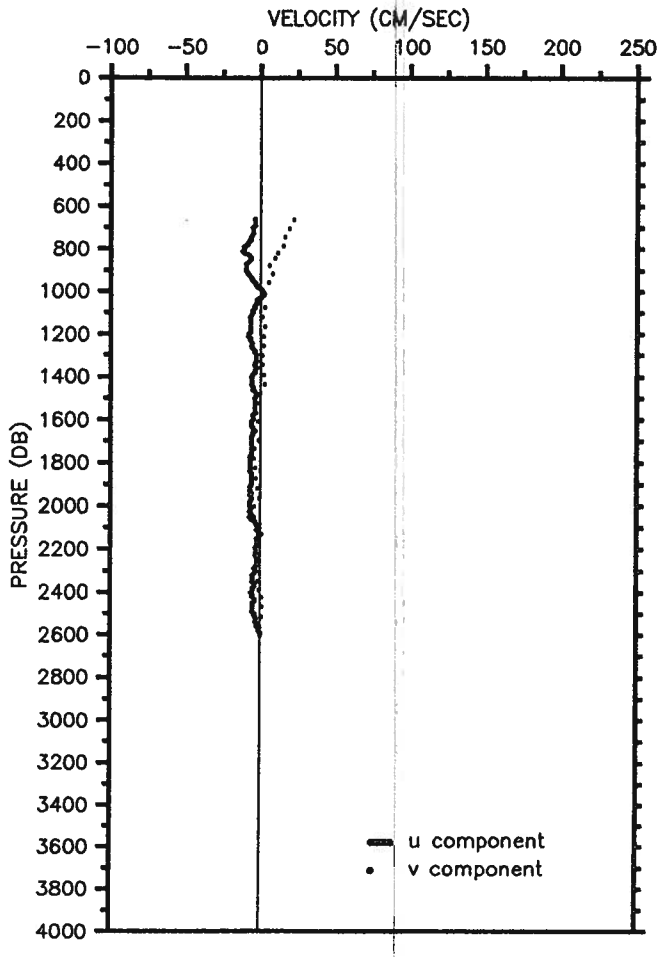
Prs	U	V
10	32.0	1.0
20	33.0	3.0
30	37.0	4.0
40	40.0	1.0
50	33.0	2.0
60	22.0	6.0
70	20.0	7.0
80	18.0	7.0
90	17.0	7.0
100	16.0	7.0
110	16.0	7.0
120	16.0	7.0
130	16.0	6.0
140	17.0	6.0
150	17.0	7.0
160	17.0	7.0
170	17.0	7.0
180	17.0	7.0
190	18.0	7.0
200	17.0	6.0
250	14.0	5.0
300	18.0	-1.0
350	12.0	0.0
400	13.0	-2.0
450	15.0	-1.0
500	11.0	0.0
550	9.0	0.0
600	5.0	-2.0
650	2.0	-2.0
700	6.0	1.0
750	7.0	-4.0
800	2.0	-8.0
850	2.0	-10.0
900	4.0	-10.0
950	0.0	-9.0
1000	-5.0	-9.0
1500	2.0	-10.0
2000	-1.0	-13.0
2500	1.0	-16.0
2620	-8.0	-12.0

RES-STACS18-85 PEGASUS 41 STN 13
R/V RESEARCHER JDAY 133 TIME 1105Z
Latitude 27.364 N Longitude 075.882 W



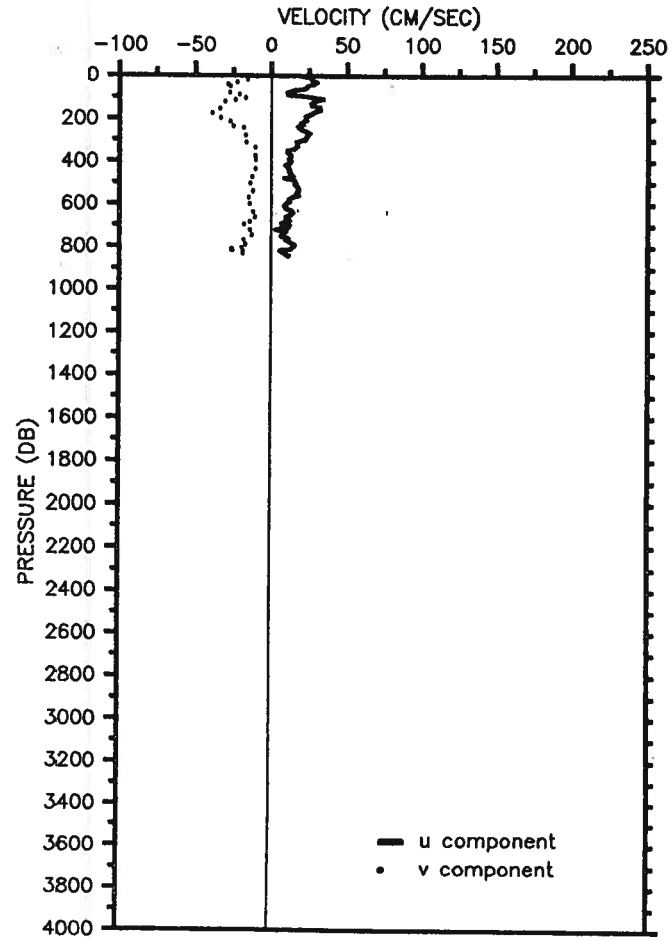
Prs	U	V
0	41.0	37.0
10	42.0	36.0
20	48.0	25.0
30	49.0	19.0
40	46.0	18.0
50	41.0	16.0
60	40.0	12.0
70	40.0	9.0
80	40.0	8.0
90	39.0	7.0
100	36.0	7.0
110	32.0	9.0
120	29.0	10.0
130	27.0	10.0
140	27.0	8.0
150	27.0	5.0
160	23.0	2.0
170	21.0	3.0
180	22.0	6.0
190	24.0	9.0
200	25.0	12.0
250	17.0	5.0
300	18.0	9.0
350	12.0	9.0
400	9.0	7.0
450	9.0	6.0
500	11.0	8.0
550	10.0	7.0
600	5.0	5.0
650	3.0	5.0
700	5.0	4.0
750	7.0	1.0
800	-1.0	2.0
850	-1.0	-2.0
900	6.0	-7.0
950	-4.0	-6.0
1000	-1.0	-3.0
1500	-4.0	-6.0
2000	-2.0	-6.0
2500	-3.0	-4.0

RES-STACS18-85 PEGASUS 42 STN 12
R/V RESEARCHER JDAY 133 TIME 1624Z
Latitude 27.813 N Longitude 075.635 W



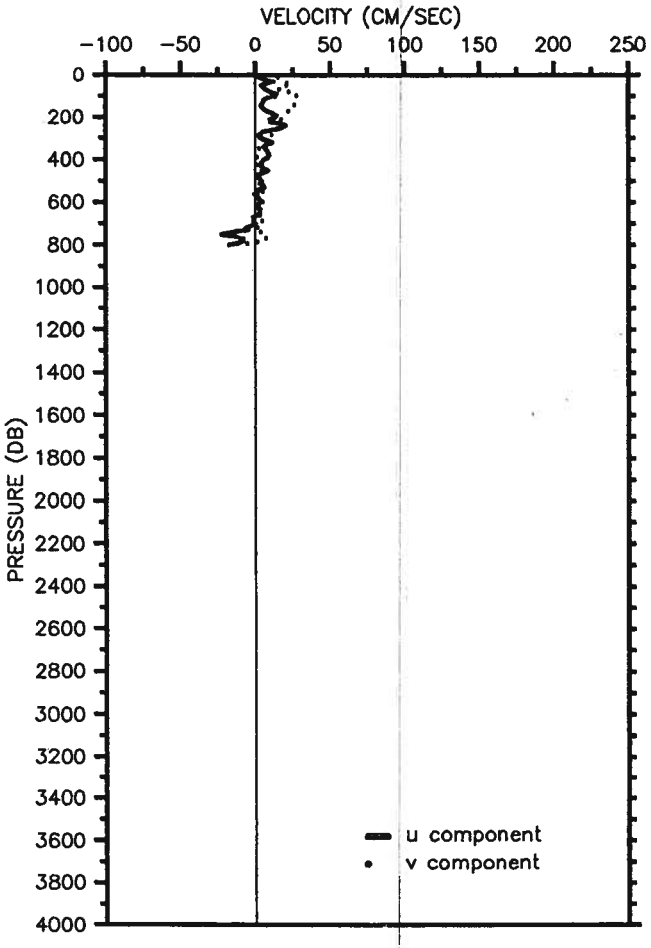
Prs	U	V
700	-5.0	19.0
750	-7.0	16.0
800	-11.0	14.0
850	-7.0	7.0
900	-10.0	8.0
950	-5.0	6.0
1000	1.0	-1.0
1500	-4.0	-1.0
2000	-7.0	-4.0
2500	-4.0	1.0
2600	0.0	0.0

RES-STACS18-85 PEGASUS 44 STN 24
R/V RESEARCHER JDAY 135 TIME 0645Z
Latitude 29.019 N Longitude 078.807 W



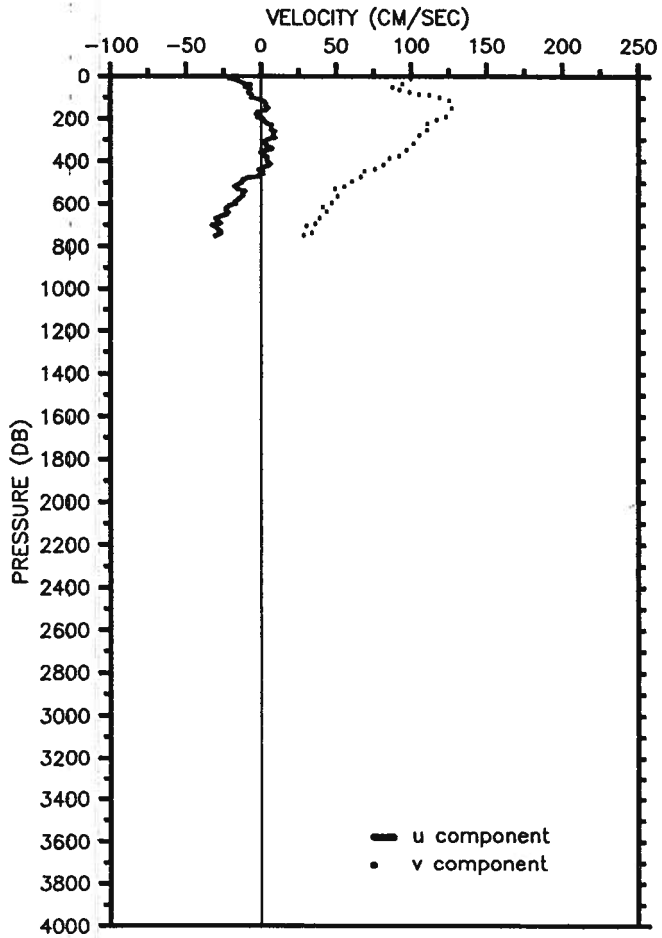
Prs	U	V
0	19.0	-9.0
10	25.0	-14.0
20	27.0	-17.0
30	30.0	-23.0
40	28.0	-31.0
50	24.0	-26.0
60	22.0	-28.0
70	15.0	-29.0
80	11.0	-26.0
90	11.0	-17.0
100	26.0	-16.0
110	34.0	-24.0
120	30.0	-31.0
130	27.0	-33.0
140	27.0	-33.0
150	32.0	-33.0
160	32.0	-37.0
170	29.0	-39.0
180	27.0	-37.0
190	23.0	-36.0
200	23.0	-30.0
250	20.0	-16.0
300	22.0	-17.0
350	11.0	-11.0
400	13.0	-9.0
450	12.0	-12.0
500	16.0	-14.0
550	17.0	-11.0
600	10.0	-14.0
650	13.0	-12.0
700	12.0	-14.0
750	7.0	-14.0
800	15.0	-16.0
840	11.0	-21.0

RES-STACS18-85 PEGASUS 45 STN 25
R/V RESEARCHER JDAY 135 TIME 2225Z
Latitude 29.012 N Longitude 079.091 W



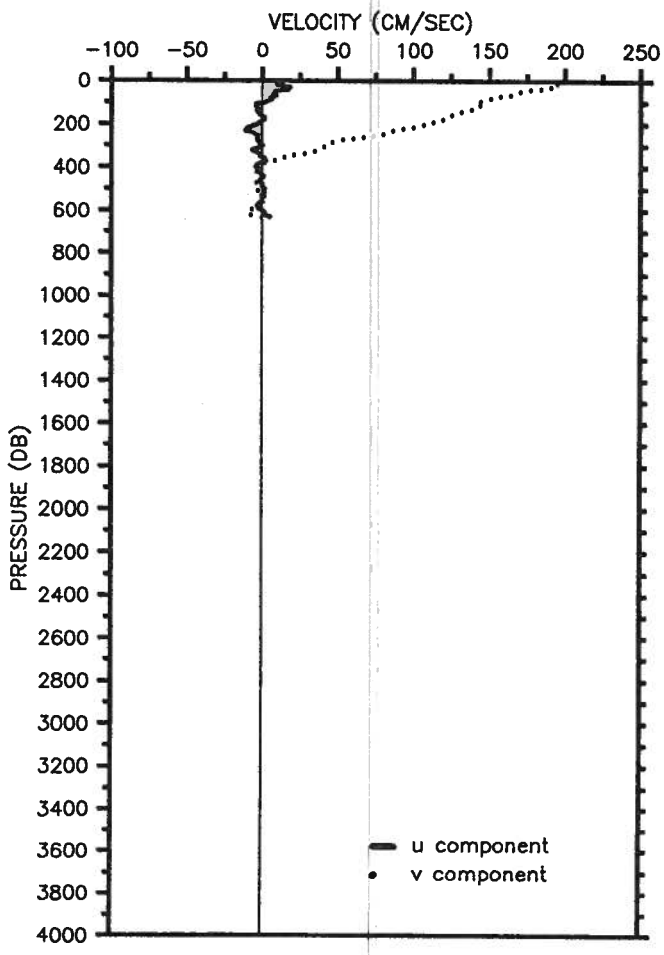
Prs	U	V
10	2.0	15.0
20	6.0	18.0
30	12.0	20.0
40	8.0	24.0
50	4.0	20.0
60	6.0	15.0
70	8.0	18.0
80	10.0	25.0
90	14.0	28.0
100	13.0	27.0
110	8.0	26.0
120	6.0	26.0
130	5.0	27.0
140	4.0	26.0
150	4.0	26.0
160	6.0	24.0
170	8.0	22.0
180	11.0	21.0
190	14.0	20.0
200	13.0	18.0
250	17.0	13.0
300	4.0	7.0
350	7.0	1.0
400	6.0	3.0
450	8.0	6.0
500	4.0	1.0
550	1.0	5.0
600	3.0	6.0
650	3.0	4.0
700	0.0	4.0
750	-22.0	4.0
800	-17.0	-7.0

RES-STACS18-85 PEGASUS 46 STN 26
R/V RESEARCHER JDAY 136 TIME 0130Z
Latitude 29.032 N Longitude 079.448 W



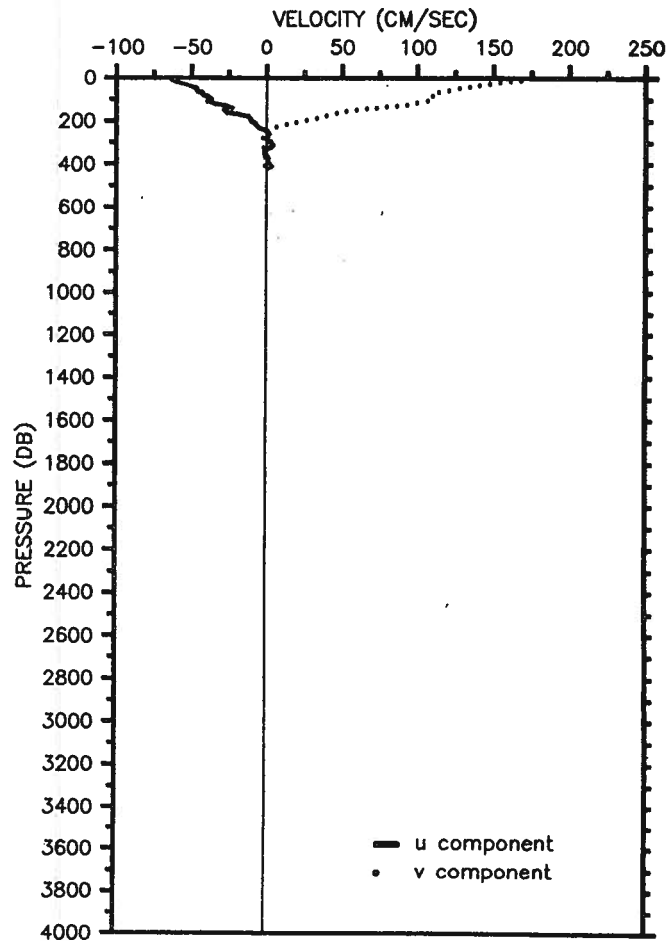
Prs	U	V
10	-21.0	100.0
20	-16.0	99.0
30	-12.0	95.0
40	-7.0	93.0
50	-10.0	87.0
60	-7.0	92.0
70	-8.0	96.0
80	-8.0	104.0
90	-6.0	115.0
100	-6.0	120.0
110	-1.0	125.0
120	2.0	126.0
130	3.0	127.0
140	3.0	126.0
150	5.0	127.0
160	3.0	126.0
170	-2.0	125.0
180	-3.0	125.0
190	-2.0	123.0
200	1.0	119.0
250	7.0	111.0
300	5.0	104.0
350	4.0	97.0
400	4.0	82.0
450	1.0	66.0
500	-13.0	59.0
550	-12.0	51.0
600	-17.0	46.0
650	-23.0	42.0
700	-32.0	30.0
750	-30.0	22.0

RES-STACS18-85 PEGASUS 47 STN 27
R/V RESEARCHER JDAY 136 TIME 0608Z
Latitude 29.048 N Longitude 079.818 W



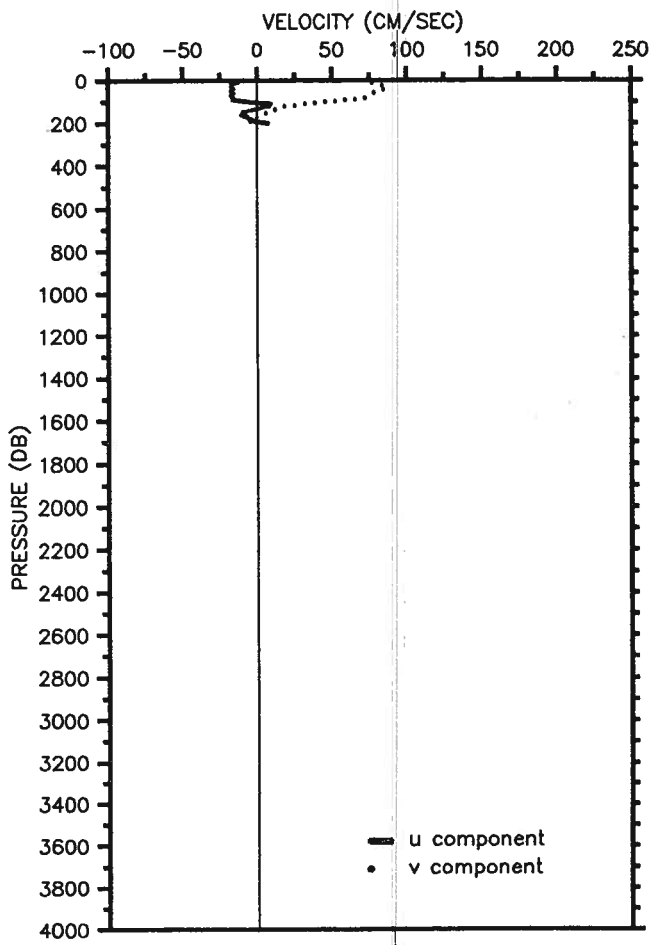
Prs	U	V
10	12.0	195.0
20	10.0	196.0
30	18.0	186.0
40	17.0	174.0
50	9.0	169.0
60	8.0	164.0
70	9.0	156.0
80	6.0	151.0
90	6.0	145.0
100	2.0	141.0
110	-4.0	144.0
120	-4.0	143.0
130	-2.0	137.0
140	-3.0	132.0
150	-2.0	127.0
160	-1.0	124.0
170	1.0	123.0
180	1.0	118.0
190	-1.0	110.0
200	-3.0	107.0
250	-3.0	75.0
300	0.0	42.0
350	-1.0	15.0
400	-4.0	-2.0
450	0.0	0.0
500	1.0	-4.0
550	0.0	2.0
600	0.0	-9.0
630	5.0	0.0

RES-STACS18-85 PEGASUS 48 STN 28
R/V RESEARCHER JDAY 136 TIME 1000Z
Latitude 29.016 N Longitude 079.928 W



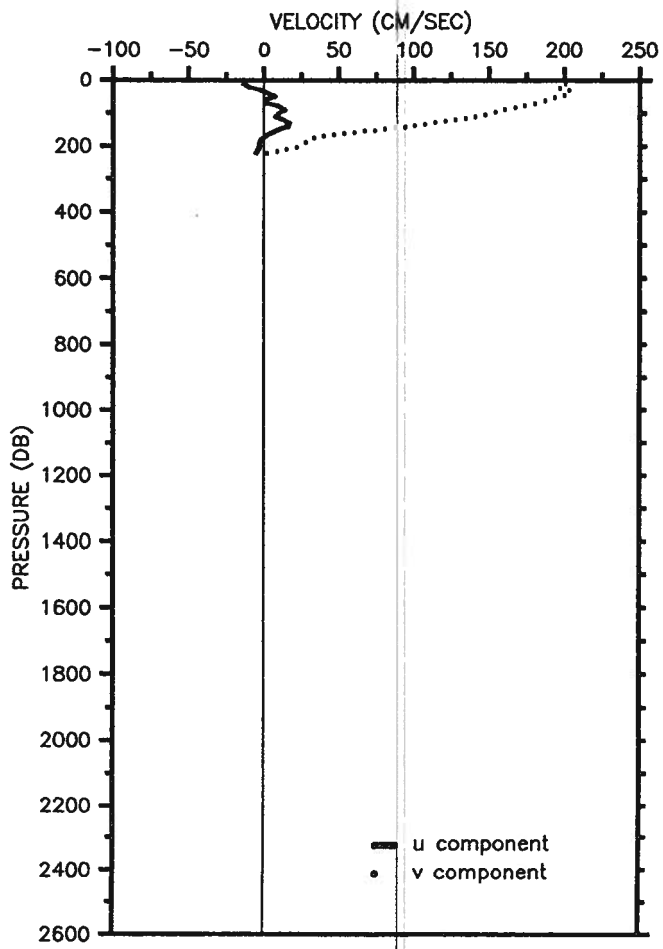
Prs	U	V
10	-63.0	168.0
20	-60.0	154.0
30	-54.0	142.0
40	-50.0	134.0
50	-47.0	125.0
60	-46.0	118.0
70	-43.0	110.0
80	-42.0	109.0
90	-39.0	111.0
100	-37.0	108.0
110	-39.0	102.0
120	-35.0	95.0
130	-27.0	82.0
140	-23.0	66.0
150	-28.0	54.0
160	-26.0	47.0
170	-18.0	41.0
180	-12.0	37.0
190	-11.0	30.0
200	-10.0	23.0
250	1.0	-2.0
300	3.0	-1.0
350	-1.0	-1.0
400	2.0	-1.0
420	1.0	0.0

RES-STACS18-85 PEGASUS 49 STN 29
R/V RESEARCHER JDAY 136 TIME 1320Z
Latitude 29.008 N Longitude 079.027 W



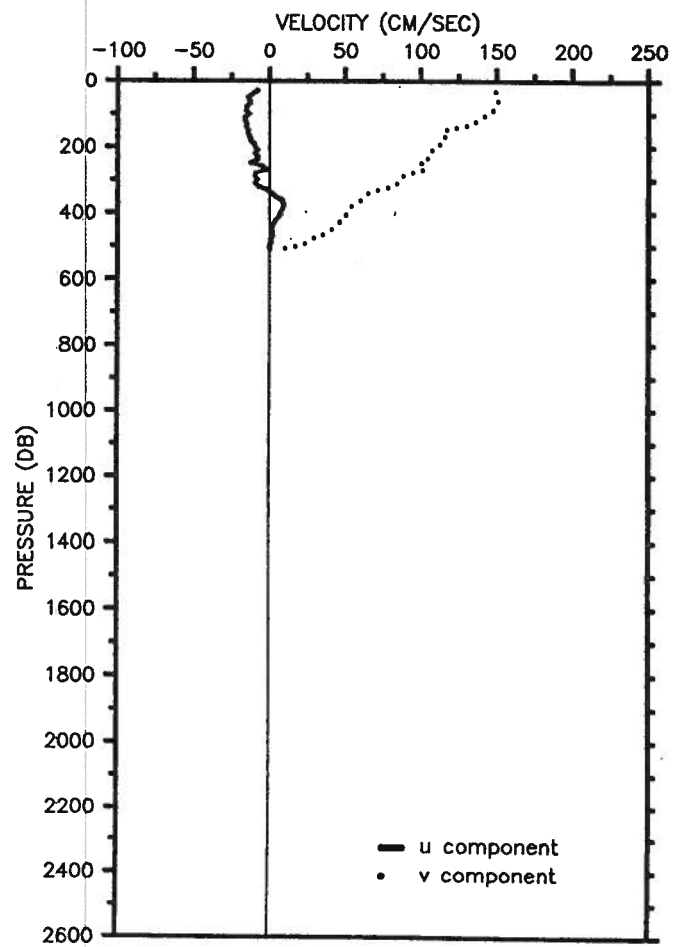
Prs	U	V
10	-13.0	77.0
20	-17.0	83.0
30	-17.0	87.0
40	-16.0	84.0
50	-17.0	79.0
60	-16.0	77.0
70	-17.0	75.0
80	-16.0	73.0
90	-16.0	61.0
100	-6.0	42.0
110	9.0	30.0
120	8.0	19.0
130	1.0	13.0
140	-4.0	10.0
150	-9.0	6.0
160	-10.0	4.0
170	-7.0	0.0
180	-5.0	-5.0
190	-1.0	-4.0
200	7.0	-9.0

RES-STACS19-85 PEGASUS 1 STN 1
R/V RESEARCHER JDAY 149 TIME 2053Z
Latitude 27.006 N Longitude 079.882 W



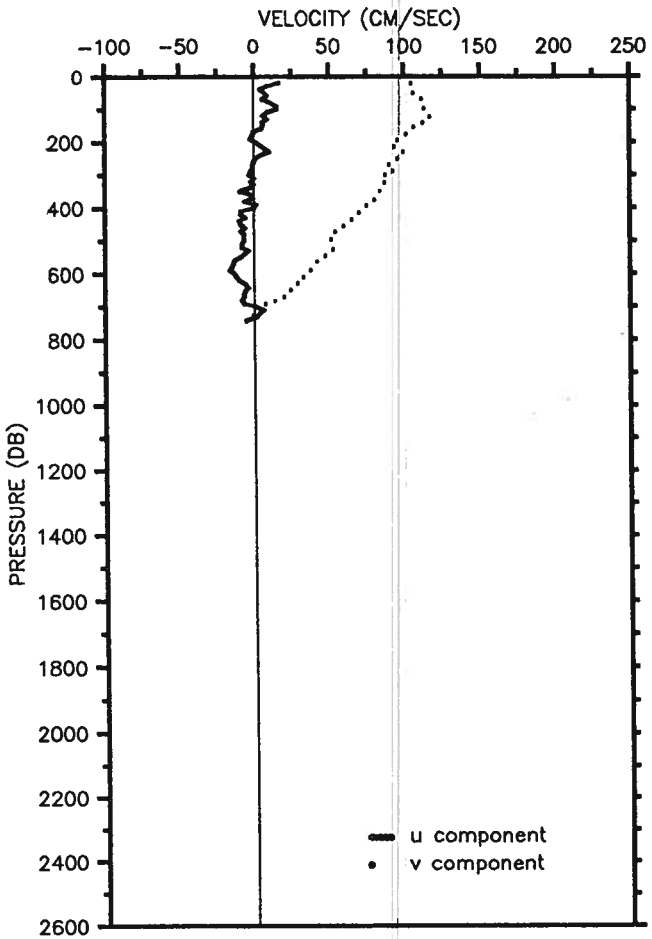
Prs	U	V
10	-13.0	201.0
20	-10.0	196.0
30	-2.0	205.0
40	3.0	203.0
50	7.0	195.0
60	2.0	189.0
70	1.0	181.0
80	10.0	169.0
90	14.0	158.0
100	10.0	150.0
110	8.0	140.0
120	13.0	125.0
130	17.0	109.0
140	16.0	95.0
150	10.0	72.0
160	5.0	53.0
170	1.0	36.0
180	-2.0	29.0
190	-3.0	27.0
200	-3.0	24.0
220	-5.0	1.0

RES-STACS19-85 PEGASUS 2 STN 3
R/V RESEARCHER JDAY 149 TIME 2313Z
Latitude 27.016 N Longitude 079.694 W



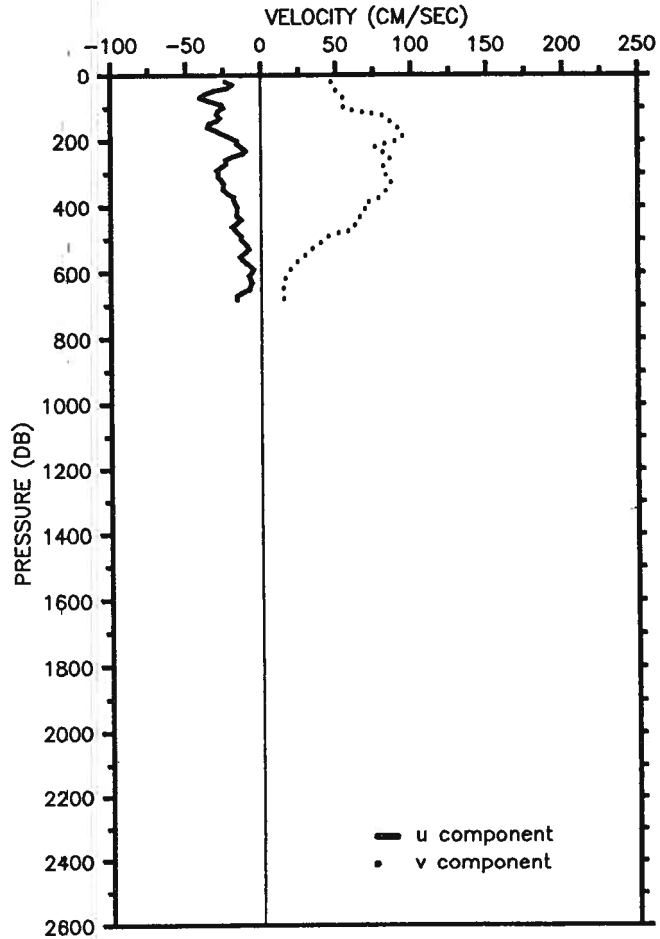
Prs	U	V
30	-8.0	149.0
40	-11.0	150.0
50	-14.0	151.0
60	-13.0	151.0
70	-13.0	149.0
80	-15.0	148.0
90	-15.0	147.0
100	-13.0	144.0
110	-16.0	139.0
120	-16.0	136.0
130	-15.0	133.0
140	-15.0	121.0
150	-14.0	114.0
160	-14.0	115.0
170	-13.0	116.0
180	-12.0	113.0
190	-10.0	112.0
200	-9.0	110.0
250	-12.0	99.0
300	-8.0	85.0
350	4.0	62.0
400	7.0	51.0
450	2.0	41.0
500	0.0	18.0
510	0.0	5.0

RES-STACS19-85 PEGASUS 3 STN 5
R/V RESEARCHER JDAY 150 TIME 0116Z
Latitude 26.999 N Longitude 079.513 W



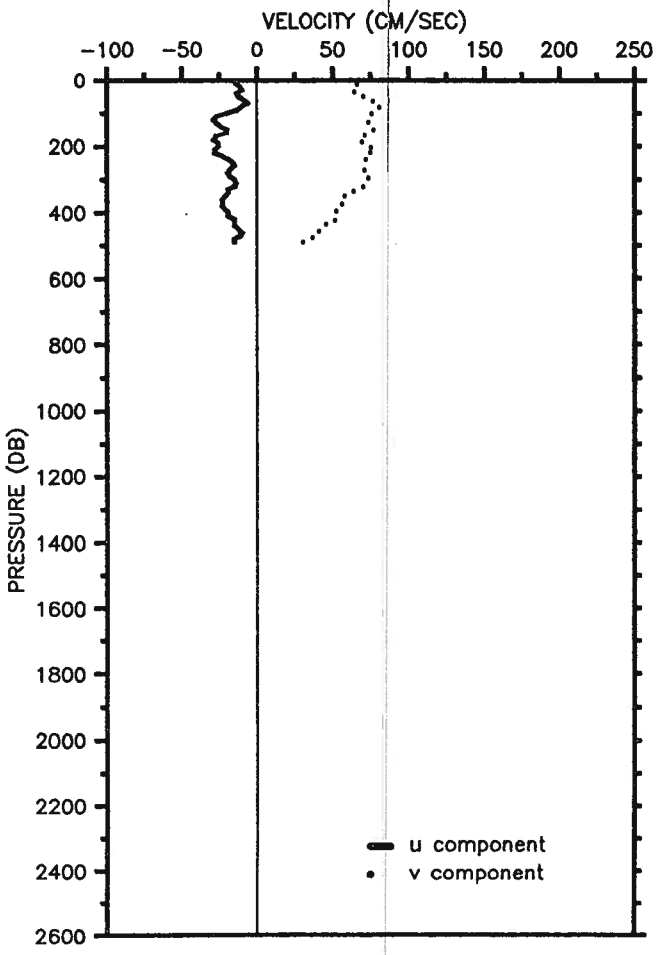
Prs	U	V
20	17.0	105.0
30	9.0	105.0
40	4.0	105.0
50	7.0	106.0
60	9.0	109.0
70	6.0	112.0
80	11.0	113.0
90	15.0	113.0
100	15.0	114.0
110	9.0	116.0
120	6.0	117.0
130	9.0	117.0
140	6.0	113.0
150	6.0	108.0
160	5.0	105.0
170	0.0	103.0
180	-1.0	100.0
190	-2.0	96.0
200	1.0	94.0
250	1.0	96.0
300	-3.0	86.0
350	-9.0	83.0
400	0.0	72.0
450	-9.0	60.0
500	-7.0	51.0
550	-10.0	45.0
600	-13.0	34.0
650	-6.0	24.0
700	1.0	1.0
740	-5.0	-6.0

RES-STACS19-85 PEGASUS 4 STN 6
R/V RESEARCHER JDAY 150 TIME 0313Z
Latitude 27.001 N Longitude 079.384 W



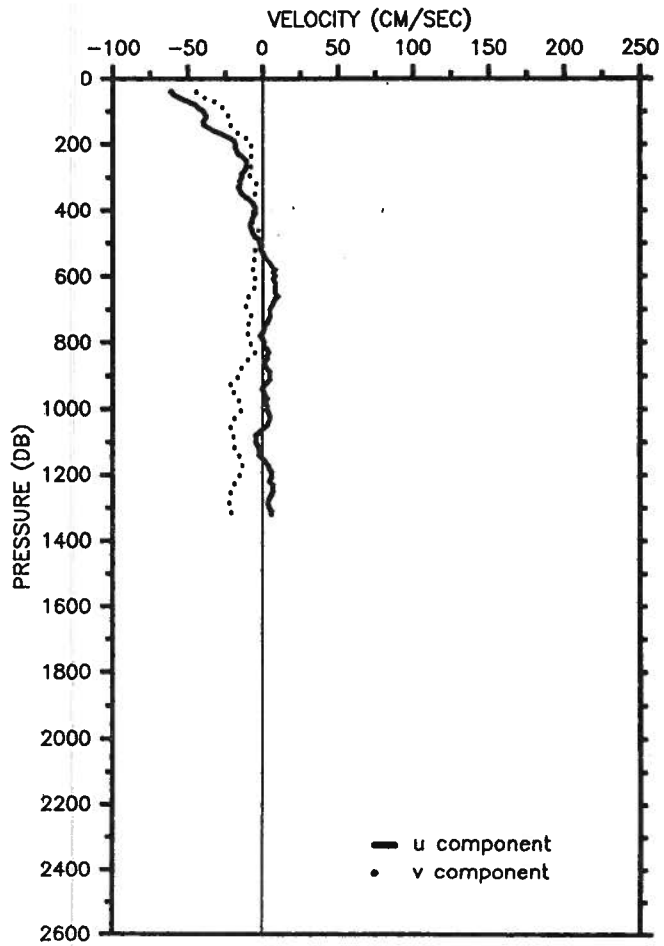
Prs	U	V
20	-23.0	47.0
30	-19.0	47.0
40	-22.0	48.0
50	-31.0	51.0
60	-37.0	53.0
70	-40.0	55.0
80	-34.0	56.0
90	-26.0	55.0
100	-25.0	55.0
110	-28.0	66.0
120	-29.0	80.0
130	-27.0	83.0
140	-29.0	87.0
150	-34.0	90.0
160	-35.0	91.0
170	-30.0	94.0
180	-25.0	95.0
190	-20.0	94.0
200	-16.0	90.0
250	-19.0	86.0
300	-28.0	83.0
350	-25.0	84.0
400	-16.0	69.0
450	-16.0	63.0
500	-13.0	42.0
550	-14.0	28.0
600	-6.0	18.0
650	-8.0	15.0
680	-16.0	15.0

RES-STACS19-85 PEGASUS 5 STN 8
R/V RESEARCHER JDAY 150 TIME 0518Z
Latitude 27.014 N Longitude 079.212 W



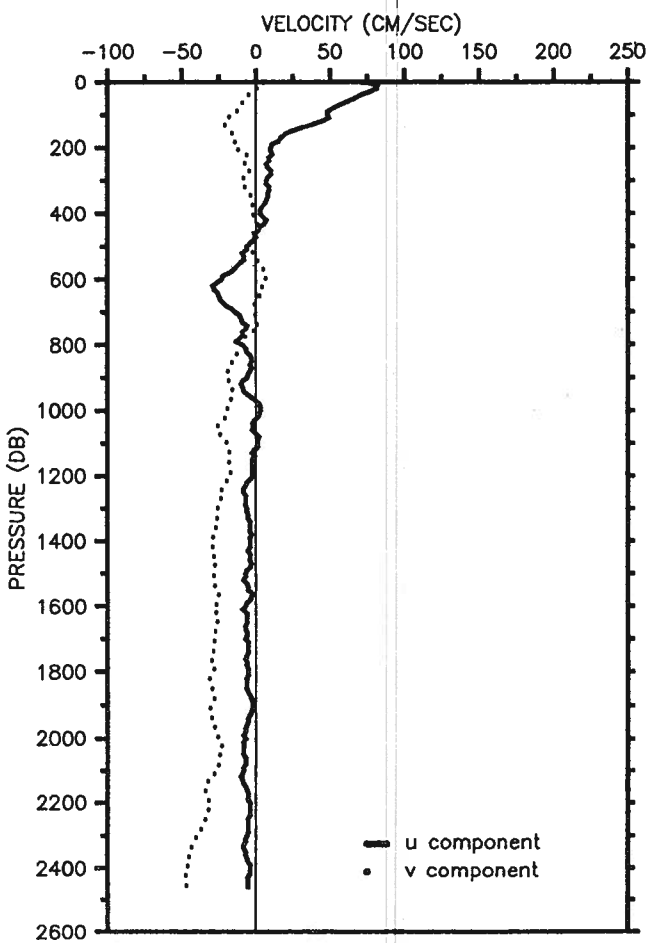
Prs	U	V
10	-14.0	66.0
20	-11.0	64.0
30	-10.0	63.0
40	-13.0	67.0
50	-12.0	71.0
60	-9.0	76.0
70	-6.0	78.0
80	-10.0	81.0
90	-13.0	79.0
100	-20.0	76.0
110	-27.0	73.0
120	-29.0	73.0
130	-27.0	74.0
140	-24.0	77.0
150	-20.0	77.0
160	-20.0	75.0
170	-27.0	69.0
180	-29.0	68.0
190	-26.0	71.0
200	-26.0	75.0
250	-16.0	72.0
300	-15.0	73.0
350	-21.0	58.0
400	-19.0	53.0
450	-12.0	41.0
490	-15.0	30.0

RES-STACS19-85 PEGASUS 6 STN 15
R/V RESEARCHER JDAY 151 TIME 2305Z
Latitude 26.528 N Longitude 076.380 W



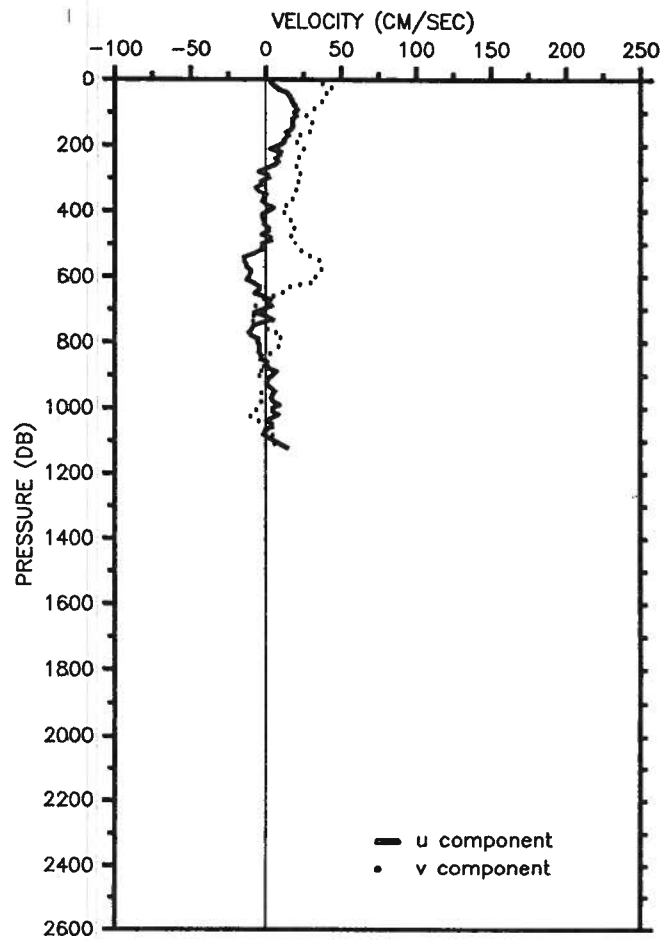
Prs	U	V
40	-61.0	-44.0
50	-59.0	-41.0
60	-55.0	-37.0
70	-50.0	-32.0
80	-45.0	-28.0
90	-42.0	-26.0
100	-39.0	-24.0
110	-38.0	-23.0
120	-38.0	-22.0
130	-39.0	-22.0
140	-39.0	-21.0
150	-36.0	-20.0
160	-32.0	-18.0
170	-27.0	-15.0
180	-22.0	-11.0
190	-19.0	-8.0
200	-18.0	-7.0
250	-11.0	-7.0
300	-14.0	-7.0
350	-14.0	-5.0
400	-5.0	-6.0
450	-8.0	-4.0
500	-2.0	-4.0
550	3.0	-5.0
600	8.0	-6.0
650	8.0	-7.0
700	5.0	-10.0
750	1.0	-10.0
800	1.0	-8.0
850	3.0	-9.0
900	5.0	-15.0
950	1.0	-19.0
1000	3.0	-14.0
1320	6.0	-20.0

RES-STACS19-85 PEGASUS 7 STN 16
R/V RESEARCHER JDAY 152 TIME 0349Z
Latitude 26.548 N Longitude 076.522 W



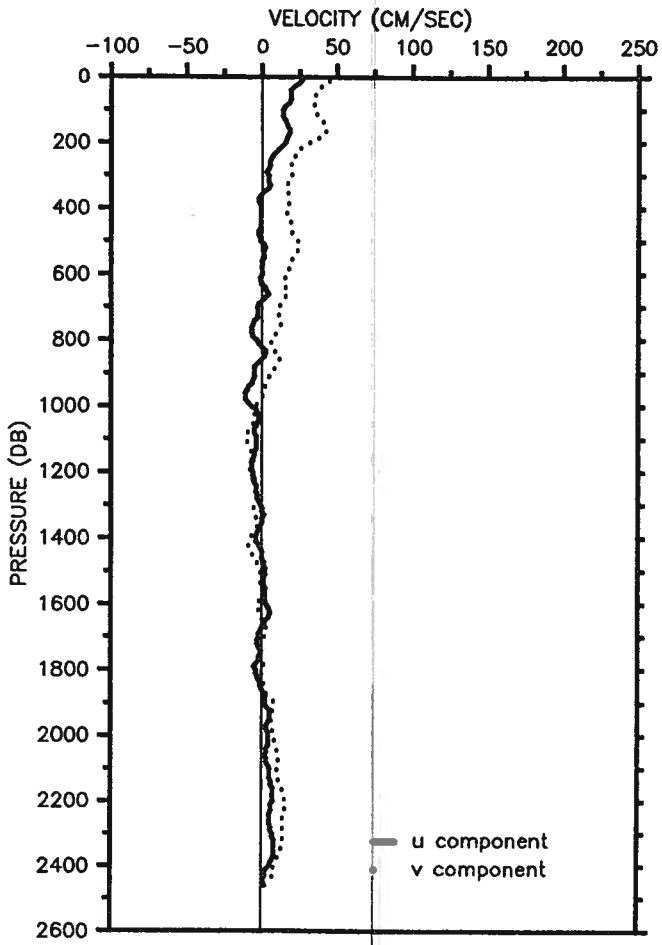
Prs	U	V
0	70.0	5.0
10	82.0	5.0
20	81.0	0.0
30	77.0	-3.0
40	71.0	-5.0
50	67.0	-7.0
60	62.0	-9.0
70	57.0	-10.0
80	53.0	-12.0
90	48.0	-13.0
100	48.0	-16.0
110	49.0	-20.0
120	45.0	-21.0
130	38.0	-21.0
140	31.0	-19.0
150	24.0	-17.0
160	20.0	-15.0
170	17.0	-14.0
180	15.0	-14.0
190	11.0	-15.0
200	10.0	-14.0
250	7.0	-8.0
300	7.0	-9.0
350	8.0	-3.0
400	3.0	-2.0
450	1.0	-1.0
500	-6.0	-2.0
550	-11.0	2.0
600	-23.0	7.0
650	-25.0	2.0
700	-14.0	-1.0
750	-7.0	0.0
800	-9.0	-9.0
850	-3.0	-16.0
900	-6.0	-19.0
950	-6.0	-16.0
1000	3.0	-19.0
1500	-7.0	-28.0
2000	-7.0	-24.0
2460	-5.0	-46.0

RES-STACS19-85 PEGASUS 9 STN 19
R/V RESEARCHER JDAY 153 TIME 0118Z
Latitude 26.544 N Longitude 076.852 W



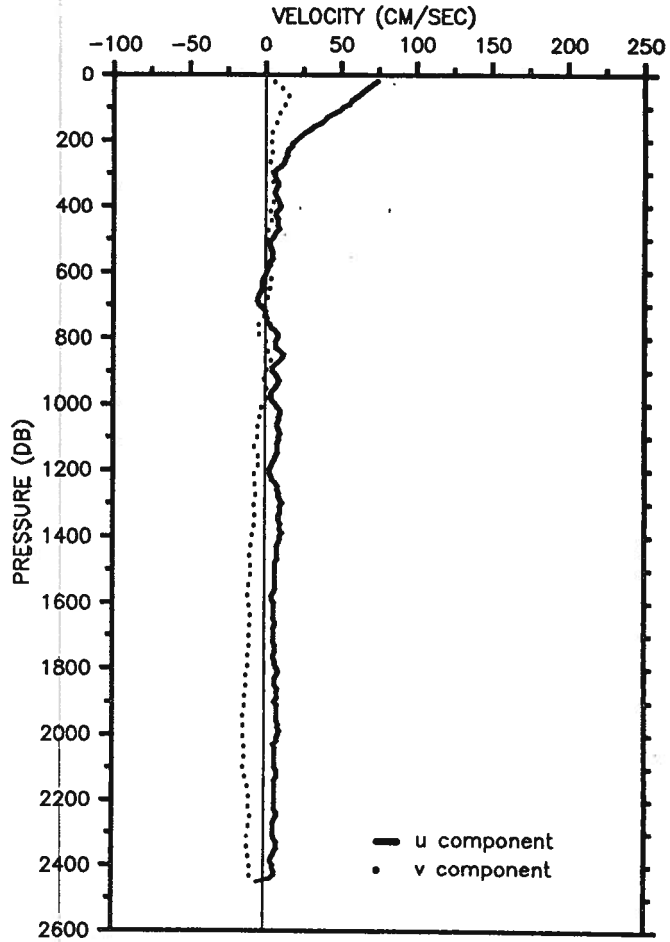
Prs	U	V
10	4.0	38.0
20	6.0	43.0
30	9.0	45.0
40	14.0	40.0
50	16.0	39.0
60	17.0	38.0
70	18.0	37.0
80	19.0	34.0
90	21.0	31.0
100	19.0	29.0
110	20.0	27.0
120	18.0	29.0
130	18.0	31.0
140	18.0	32.0
150	17.0	31.0
160	14.0	29.0
170	15.0	22.0
180	13.0	20.0
190	12.0	21.0
200	9.0	23.0
250	8.0	20.0
300	2.0	21.0
350	0.0	18.0
400	2.0	11.0
450	2.0	19.0
500	-2.0	21.0
550	-14.0	36.0
600	-11.0	33.0
650	-7.0	11.0
700	-1.0	-5.0
750	-8.0	2.0
800	-5.0	10.0
850	-3.0	-3.0
900	5.0	-4.0
950	6.0	-2.0
1000	5.0	-5.0
1120	14.0	6.0

RES-STACS19-85 PEGASUS 10 STN 18
R/V RESEARCHER JDAY 153 TIME 0444Z
Latitude 26.526 N Longitude 076.752 W



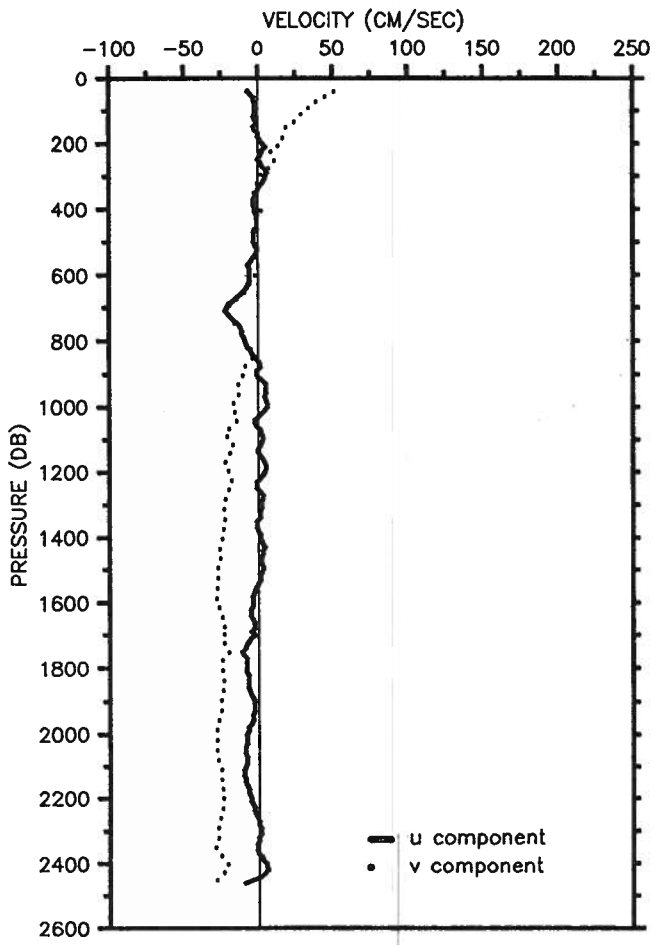
Prs	U	V
10	26.0	45.0
20	24.0	42.0
30	21.0	39.0
40	19.0	38.0
50	19.0	36.0
60	19.0	35.0
70	19.0	34.0
80	18.0	34.0
90	15.0	35.0
100	14.0	35.0
110	14.0	36.0
120	14.0	38.0
130	15.0	40.0
140	16.0	41.0
150	17.0	43.0
160	18.0	43.0
170	18.0	41.0
180	17.0	39.0
190	16.0	35.0
200	15.0	31.0
250	6.0	21.0
300	4.0	20.0
350	1.0	17.0
400	-1.0	16.0
450	-1.0	19.0
500	-1.0	24.0
550	1.0	20.0
600	0.0	16.0
650	3.0	17.0
700	-3.0	11.0
750	-6.0	12.0
800	-4.0	6.0
850	1.0	12.0
900	-5.0	6.0
950	-10.0	2.0
1000	-7.0	-4.0
1500	2.0	-1.0
2000	4.0	8.0
2460	2.0	9.0

RES-STACS19-85 PEGASUS 12 STN 14
R/V RESEARCHER JDAY 156 TIME 0254Z
Latitude 26.918 N Longitude 076.135 W



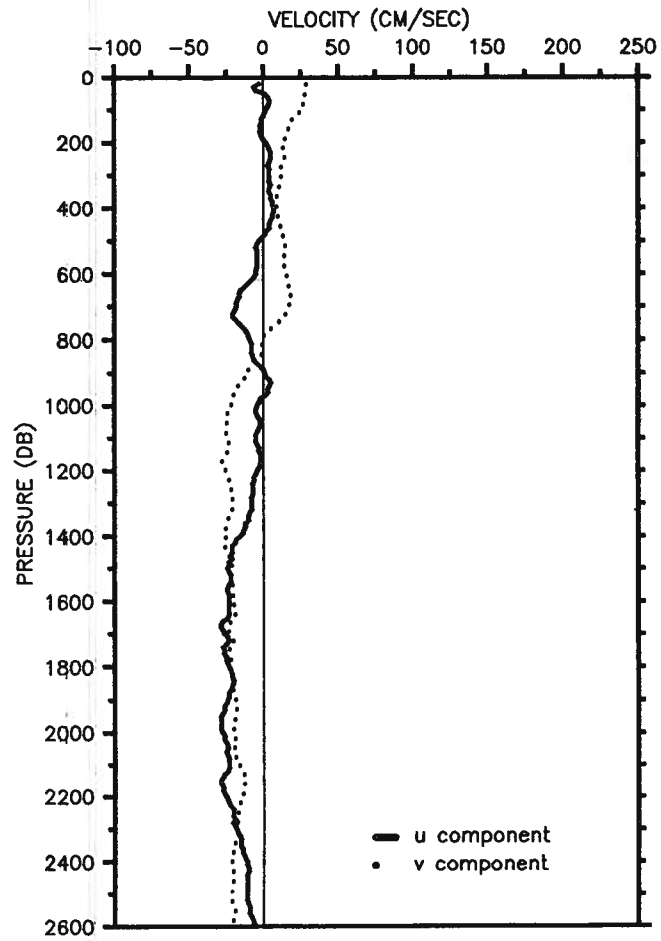
Prs	U	V
20	74.0	6.0
30	71.0	8.0
40	68.0	11.0
50	65.0	14.0
60	63.0	15.0
70	60.0	16.0
80	57.0	15.0
90	55.0	13.0
100	51.0	11.0
110	49.0	10.0
120	45.0	9.0
130	41.0	9.0
140	39.0	8.0
150	36.0	7.0
160	32.0	6.0
170	29.0	5.0
180	25.0	4.0
190	22.0	4.0
200	20.0	4.0
250	14.0	4.0
300	6.0	5.0
350	7.0	6.0
400	10.0	3.0
450	8.0	4.0
500	5.0	2.0
550	5.0	5.0
600	1.0	2.0
650	-2.0	3.0
700	-4.0	-2.0
750	1.0	-3.0
800	8.0	-1.0
850	12.0	2.0
900	5.0	0.0
950	7.0	1.0
1000	7.0	-1.0
1500	7.0	-8.0
2000	9.0	-14.0
2450	-4.0	-6.0

RES-STACS19-85 PEGASUS 13 STN 15
R/V RESEARCHER JDAY 156 TIME 0743Z
Latitude 26.528 N Longitude 076.380 W



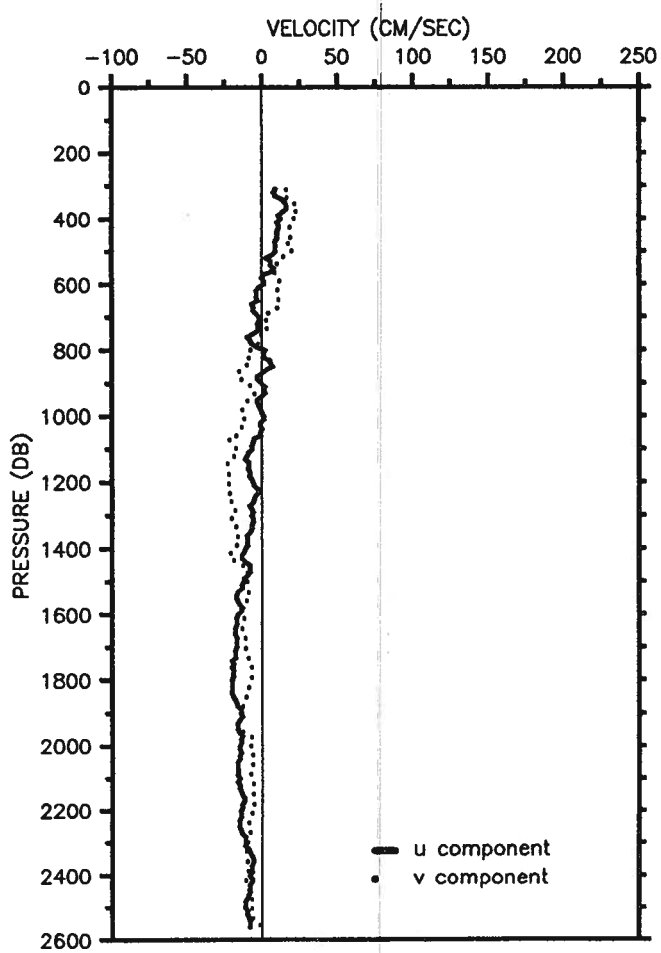
Prs	U	V
40	-7.0	51.0
50	-5.0	48.0
60	-3.0	44.0
70	-3.0	40.0
80	-2.0	37.0
90	-2.0	34.0
100	-2.0	31.0
110	-2.0	29.0
120	-3.0	27.0
130	-2.0	25.0
140	-1.0	23.0
150	-3.0	19.0
160	-2.0	18.0
170	0.0	18.0
180	0.0	17.0
190	1.0	16.0
200	3.0	14.0
250	0.0	11.0
300	5.0	1.0
350	-1.0	-3.0
400	-2.0	2.0
450	-1.0	-2.0
500	-3.0	-1.0
550	-4.0	-2.0
600	-6.0	-2.0
650	-10.0	-8.0
700	-21.0	-20.0
750	-13.0	-15.0
800	-9.0	-8.0
850	-2.0	-4.0
900	-1.0	-10.0
950	5.0	-13.0
1000	6.0	-18.0
1500	3.0	-27.0
2000	-8.0	-28.0
2460	-9.0	-32.0

RES-STACS19-85 PEGASUS 14 STN 16
R/V RESEARCHER JDAY 156 TIME 2223Z
Latitude 26.548 N Longitude 076.522 W



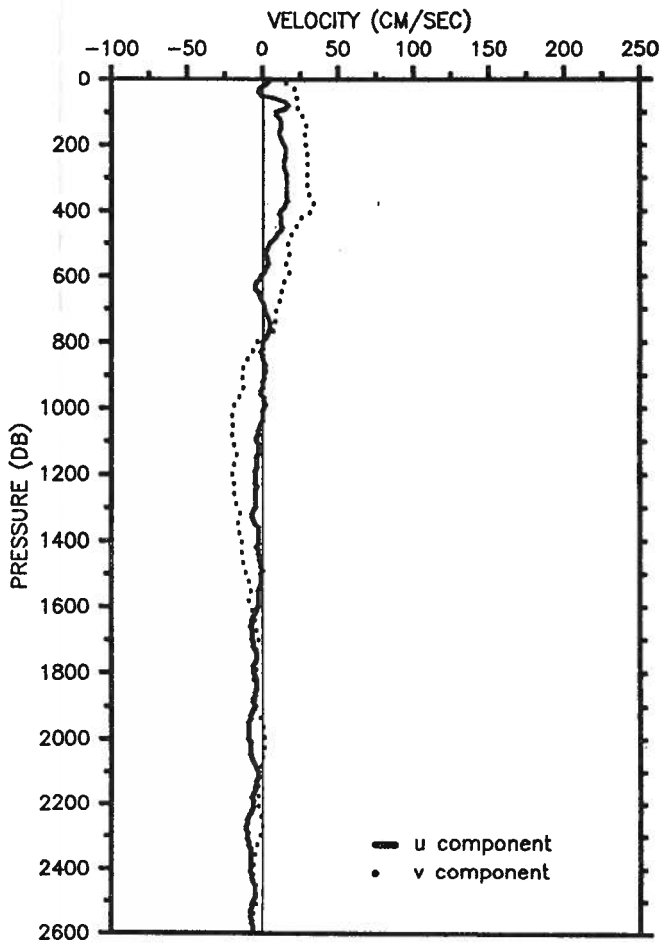
Prs	U	V
20	-3.0	29.0
30	-6.0	29.0
40	-5.0	28.0
50	1.0	28.0
60	3.0	28.0
70	4.0	27.0
80	4.0	27.0
90	3.0	26.0
100	2.0	26.0
110	1.0	23.0
120	0.0	21.0
130	-1.0	19.0
140	-1.0	19.0
150	-2.0	18.0
160	-2.0	17.0
170	-2.0	16.0
180	-1.0	15.0
190	0.0	14.0
200	2.0	13.0
250	5.0	14.0
300	4.0	12.0
350	4.0	9.0
400	7.0	9.0
450	4.0	11.0
500	-3.0	14.0
550	-4.0	14.0
600	-5.0	16.0
650	-15.0	18.0
700	-18.0	17.0
750	-16.0	9.0
800	-9.0	-1.0
850	-7.0	-2.0
900	1.0	-12.0
950	3.0	-19.0
1000	-4.0	-22.0
1500	-24.0	-22.0
2000	-27.0	-19.0
2500	-11.0	-21.0
2600	-5.0	-21.0

RES-STACS19-85 PEGASUS 15 STN 17
R/V RESEARCHER JDAY 157 TIME 0213Z
Latitude 26.540 N Longitude 076.667 W



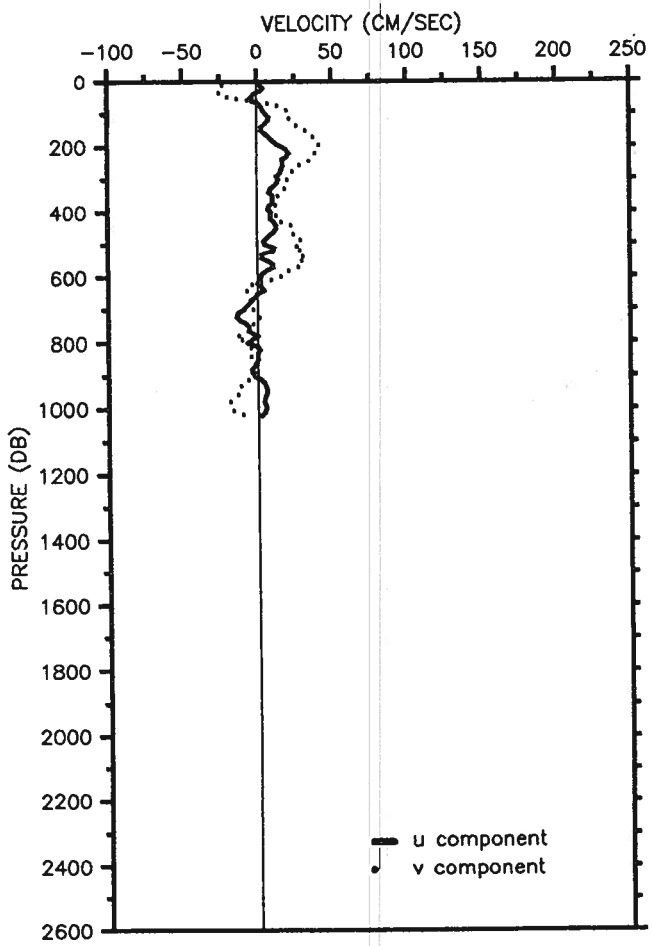
Prs	U	V
350	15.0	21.0
400	12.0	21.0
450	10.0	19.0
500	9.0	19.0
550	8.0	11.0
600	1.0	11.0
650	-3.0	11.0
700	-2.0	1.0
750	-6.0	0.0
800	2.0	-8.0
850	7.0	-11.0
900	0.0	-9.0
950	-3.0	-10.0
1000	1.0	-13.0
1500	-12.0	-10.0
2000	-15.0	-8.0
2500	-11.0	-7.0
2560	-8.0	0.0

RES-STACS19-85 PEGASUS 16 STN 18
R/V RESEARCHER JDAY 157 TIME 0535Z
Latitude 26.526 N Longitude 076.752 W



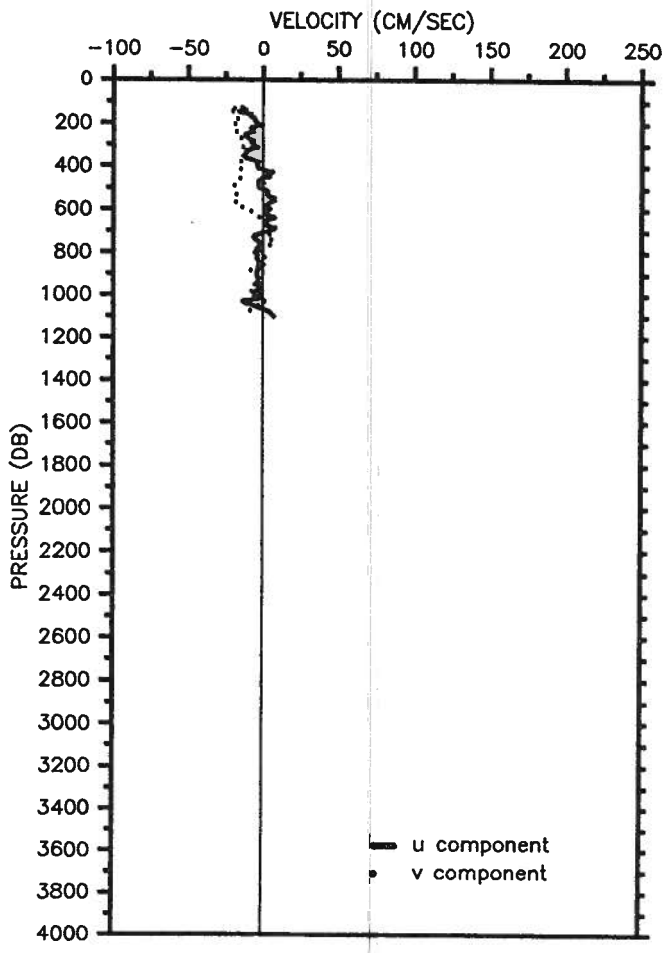
Prs	U	V
10	4.0	16.0
20	1.0	18.0
30	-2.0	22.0
40	-3.0	22.0
50	-1.0	23.0
60	8.0	23.0
70	15.0	23.0
80	17.0	23.0
90	15.0	24.0
100	9.0	24.0
110	9.0	27.0
120	11.0	28.0
130	12.0	29.0
140	12.0	29.0
150	12.0	28.0
160	11.0	27.0
170	11.0	28.0
180	12.0	28.0
190	13.0	29.0
200	14.0	29.0
250	14.0	31.0
300	16.0	30.0
350	16.0	31.0
400	12.0	32.0
450	13.0	22.0
500	5.0	17.0
550	3.0	17.0
600	-1.0	17.0
650	-3.0	13.0
700	1.0	10.0
750	5.0	8.0
800	0.0	-4.0
850	0.0	-10.0
900	1.0	-13.0
950	-1.0	-13.0
1000	1.0	-19.0
1500	-1.0	-10.0
2000	-9.0	2.0
2500	-6.0	-4.0
2600	-6.0	-7.0

RES-STACS19-85 PEGASUS 17 STN 19
R/V RESEARCHER JDAY 157 TIME 0903Z
Latitude 26.544 N Longitude 076.852 W



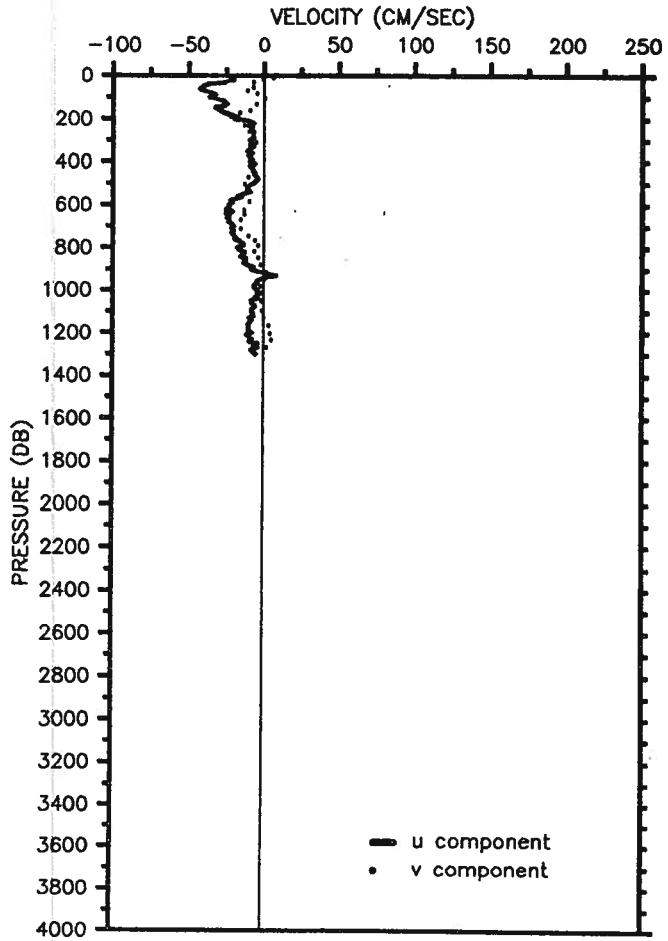
Prs	U	V
10	1.0	-23.0
20	4.0	-22.0
30	2.0	-25.0
40	-2.0	-25.0
50	-4.0	-16.0
60	-3.0	-1.0
70	1.0	11.0
80	3.0	17.0
90	4.0	21.0
100	6.0	22.0
110	8.0	21.0
120	7.0	23.0
130	5.0	25.0
140	3.0	29.0
150	3.0	33.0
160	5.0	36.0
170	8.0	38.0
180	10.0	40.0
190	13.0	41.0
200	17.0	42.0
250	17.0	30.0
300	14.0	20.0
350	10.0	14.0
400	9.0	13.0
450	12.0	24.0
500	5.0	28.0
550	7.0	31.0
600	2.0	13.0
650	0.0	-6.0
700	-10.0	-3.0
750	-6.0	-6.0
800	-7.0	-2.0
850	0.0	-4.0
900	-2.0	-4.0
950	6.0	-13.0
1000	5.0	-17.0
1020	2.0	-7.0

RES-STACS21-85 PEGASUS 2 STN 31
R/V RESEARCHER JDAY 228 TIME 0344Z
Latitude 13.500 N Longitude 063.550 W



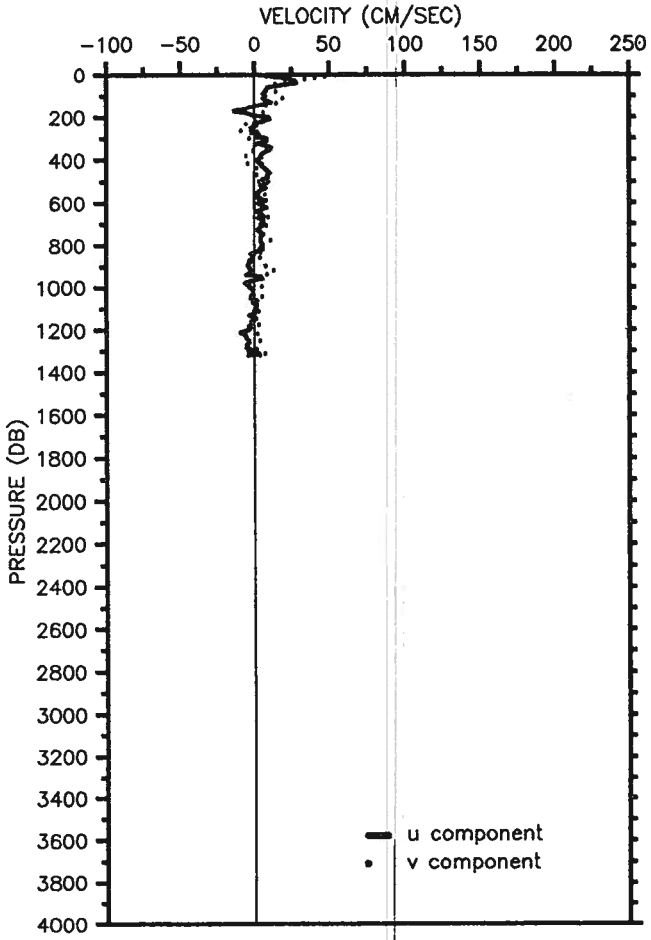
Prs	U	V
130	-14.0	-19.0
140	-12.0	-23.0
150	-16.0	-14.0
160	-8.0	-14.0
170	-8.0	-18.0
180	-6.0	-17.0
190	-5.0	-15.0
200	-4.0	-18.0
250	-12.0	-17.0
300	-7.0	-12.0
350	-13.0	-14.0
400	-4.0	-14.0
450	4.0	-14.0
500	-2.0	-19.0
550	7.0	-18.0
600	4.0	-11.0
650	2.0	0.0
700	5.0	6.0
750	-3.0	8.0
800	-5.0	-2.0
850	-2.0	-3.0
900	-4.0	-6.0
950	-5.0	-4.0
1000	-6.0	-1.0
1100	7.0	-10.0

RES-STACS21-85 PEGASUS 3 STN 59
R/V RESEARCHER JDAY 229 TIME 1149Z
Latitude 15.000 N Longitude 063.550 W



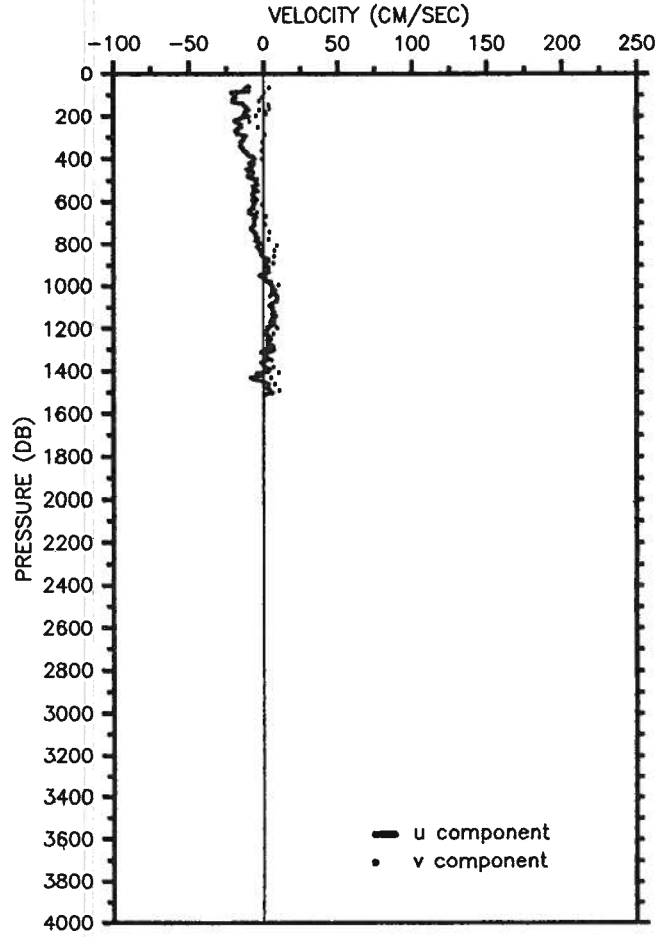
Prs	U	V
10	-22.0	6.0
20	-20.0	-3.0
30	-26.0	-8.0
40	-37.0	-5.0
50	-40.0	-6.0
60	-42.0	-12.0
70	-39.0	-10.0
80	-35.0	-5.0
90	-33.0	-1.0
100	-36.0	1.0
110	-31.0	0.0
120	-27.0	-3.0
130	-25.0	-5.0
140	-26.0	-5.0
150	-32.0	-6.0
160	-29.0	-8.0
170	-27.0	-17.0
180	-23.0	-21.0
190	-18.0	-22.0
200	-19.0	-16.0
250	-8.0	-12.0
300	-9.0	-7.0
350	-11.0	-9.0
400	-9.0	-8.0
450	-6.0	-9.0
500	-7.0	-13.0
550	-13.0	-12.0
600	-23.0	-11.0
650	-23.0	-12.0
700	-20.0	-16.0
750	-19.0	-7.0
800	-17.0	-7.0
850	-12.0	-3.0
900	-8.0	1.0
950	-2.0	-1.0
1000	-4.0	0.0
1300	-5.0	4.0

RES-STACS21-85 PEGASUS 4 STN 58
R/V RESEARCHER JDAY 230 TIME 1111Z
Latitude 16.500 N Longitude 063.550 W



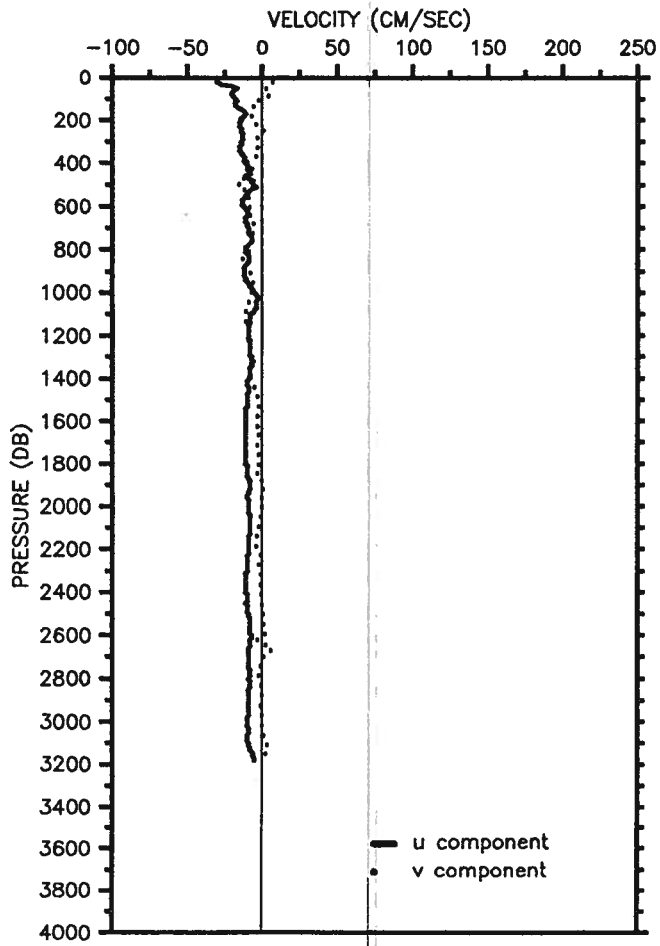
Prs	U	V
0	3.0	54.0
10	12.0	42.0
20	23.0	35.0
30	27.0	19.0
40	28.0	13.0
50	18.0	12.0
60	9.0	13.0
70	8.0	13.0
80	7.0	15.0
90	6.0	16.0
100	7.0	18.0
110	6.0	20.0
120	7.0	18.0
130	11.0	15.0
140	6.0	9.0
150	0.0	6.0
160	-7.0	6.0
170	-13.0	5.0
180	-6.0	9.0
190	-1.0	9.0
200	9.0	6.0
250	-2.0	-10.0
300	8.0	-4.0
350	10.0	1.0
400	2.0	-4.0
450	9.0	4.0
500	9.0	4.0
550	3.0	10.0
600	3.0	7.0
650	4.0	9.0
700	4.0	8.0
750	5.0	8.0
800	5.0	6.0
850	-1.0	3.0
900	-4.0	8.0
950	4.0	3.0
1000	-3.0	5.0
1320	-4.0	2.0

RES-STACS21-85 PEGASUS 5 STN 23
R/V RESEARCHER JDAY 231 TIME 1616Z
Latitude 18.667 N Longitude 066.117 W



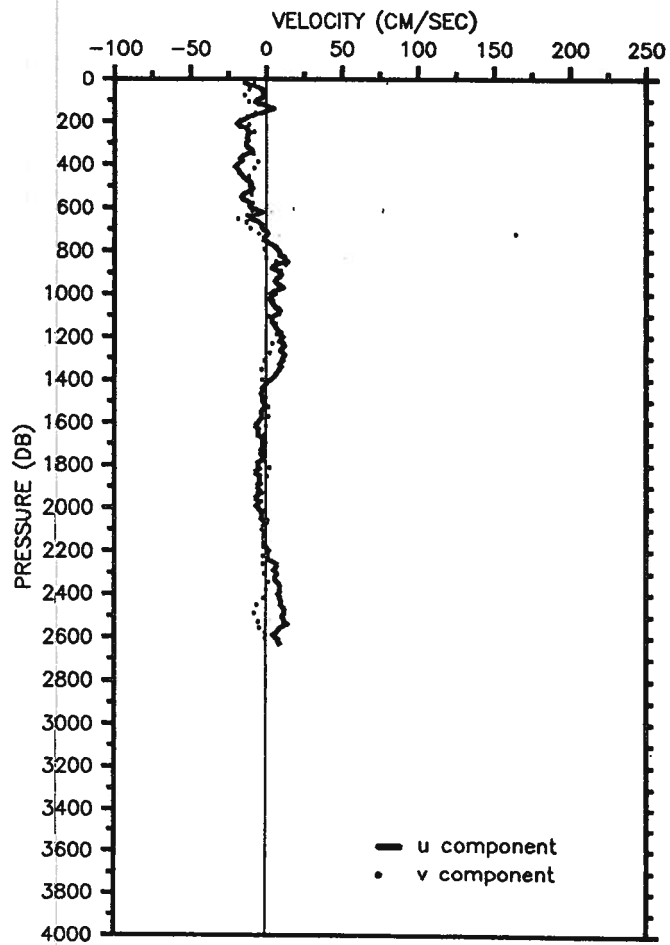
Prs	U	V
60	-10.0	4.0
70	-12.0	2.0
80	-10.0	3.0
90	-21.0	-2.0
100	-19.0	0.0
110	-19.0	-2.0
120	-20.0	-5.0
130	-20.0	-1.0
140	-14.0	2.0
150	-13.0	7.0
160	-11.0	4.0
170	-10.0	-4.0
180	-12.0	5.0
190	-13.0	-3.0
200	-10.0	-8.0
250	-15.0	-2.0
300	-13.0	2.0
350	-14.0	0.0
400	-6.0	-1.0
450	-11.0	-8.0
500	-5.0	-4.0
550	-4.0	-5.0
600	-6.0	-4.0
650	-9.0	-3.0
700	-6.0	2.0
750	-5.0	3.0
800	-2.0	8.0
850	-1.0	7.0
900	2.0	5.0
950	-2.0	2.0
1000	6.0	12.0
1500	6.0	10.0
1510	1.0	7.0

RES-STACS21-85 PEGASUS 6 STN 22
R/V RESEARCHER JDAY 232 TIME 0256Z
Latitude 18.917 N Longitude 066.117 W



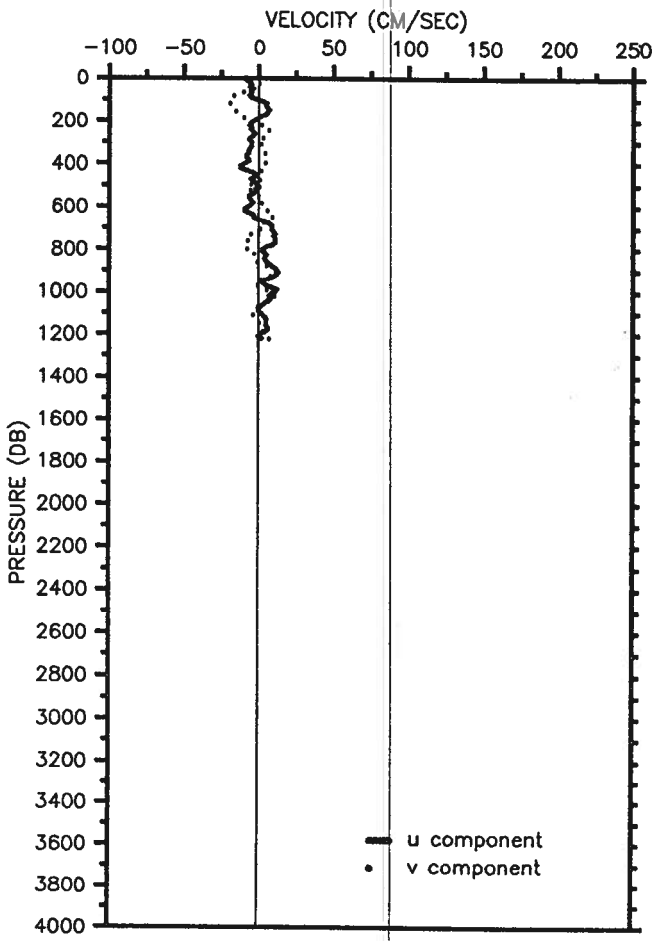
Prs	U	V
20	-30.0	7.0
30	-27.0	7.0
40	-20.0	6.0
50	-17.0	3.0
60	-19.0	5.0
70	-20.0	6.0
80	-20.0	5.0
90	-19.0	2.0
100	-18.0	-1.0
110	-17.0	-4.0
120	-18.0	-6.0
130	-18.0	-6.0
140	-16.0	-5.0
150	-14.0	-8.0
160	-12.0	-6.0
170	-11.0	-6.0
180	-12.0	-7.0
190	-14.0	-7.0
200	-14.0	-7.0
250	-14.0	1.0
300	-14.0	-4.0
350	-14.0	-2.0
400	-11.0	-10.0
450	-8.0	-8.0
500	-5.0	-16.0
550	-11.0	-9.0
600	-12.0	-8.0
650	-11.0	-7.0
700	-9.0	-5.0
750	-7.0	-8.0
800	-11.0	-8.0
850	-9.0	-15.0
900	-12.0	-8.0
950	-10.0	-6.0
1000	-5.0	-8.0
1500	-10.0	-3.0
2000	-9.0	0.0
2500	-9.0	1.0
3000	-10.0	0.0
3180	-5.0	1.0

RES-STACS21-85 PEGASUS 7 STN 21
R/V RESEARCHER JDAY 236 TIME 2104Z
Latitude 20.328 N Longitude 073.028 W



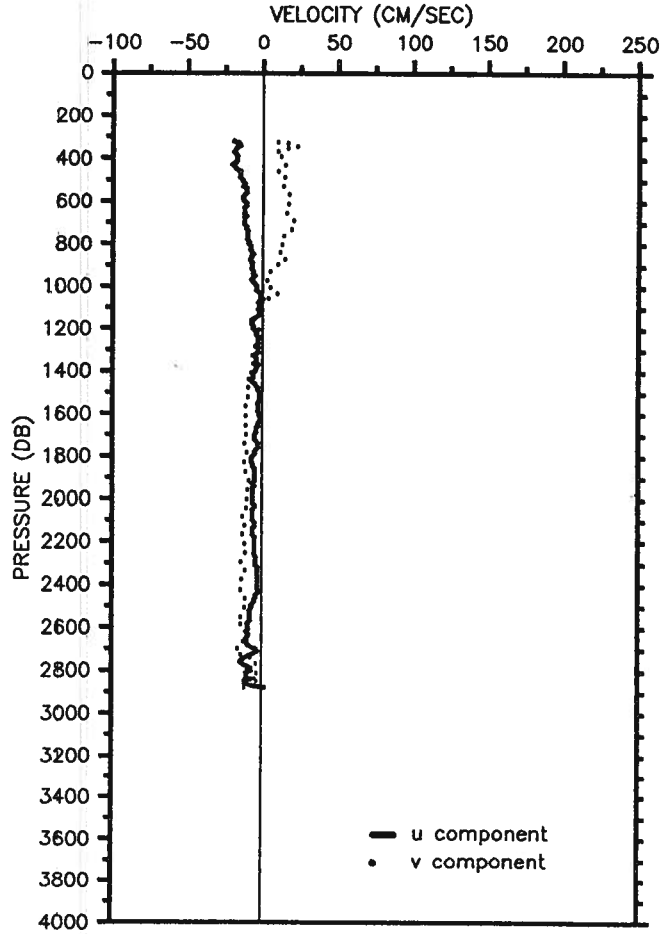
Prs	U	V
20	-14.0	-8.0
30	-10.0	-7.0
40	-5.0	-9.0
50	-3.0	-12.0
60	-2.0	-15.0
70	-1.0	-14.0
80	-2.0	-15.0
90	-3.0	-15.0
100	-6.0	-12.0
110	-7.0	-7.0
120	-3.0	-5.0
130	2.0	-4.0
140	5.0	-5.0
150	2.0	-5.0
160	-3.0	-8.0
170	-8.0	-12.0
180	-11.0	-13.0
190	-14.0	-14.0
200	-17.0	-14.0
250	-11.0	-8.0
300	-13.0	-13.0
350	-12.0	-8.0
400	-19.0	-9.0
450	-16.0	-11.0
500	-10.0	-11.0
550	-16.0	-8.0
600	-10.0	-10.0
650	-10.0	-19.0
700	-2.0	-10.0
750	-1.0	0.0
800	8.0	1.0
850	14.0	11.0
900	9.0	8.0
950	7.0	6.0
1000	3.0	7.0
1500	-2.0	1.0
2000	-5.0	-1.0
2500	11.0	-8.0
2630	9.0	4.0

RES-STACS21-85 PEGASUS 8 STN 20
R/V RESEARCHER JDAY 237 TIME 1135Z
Latitude 20.731 N Longitude 073.132 W



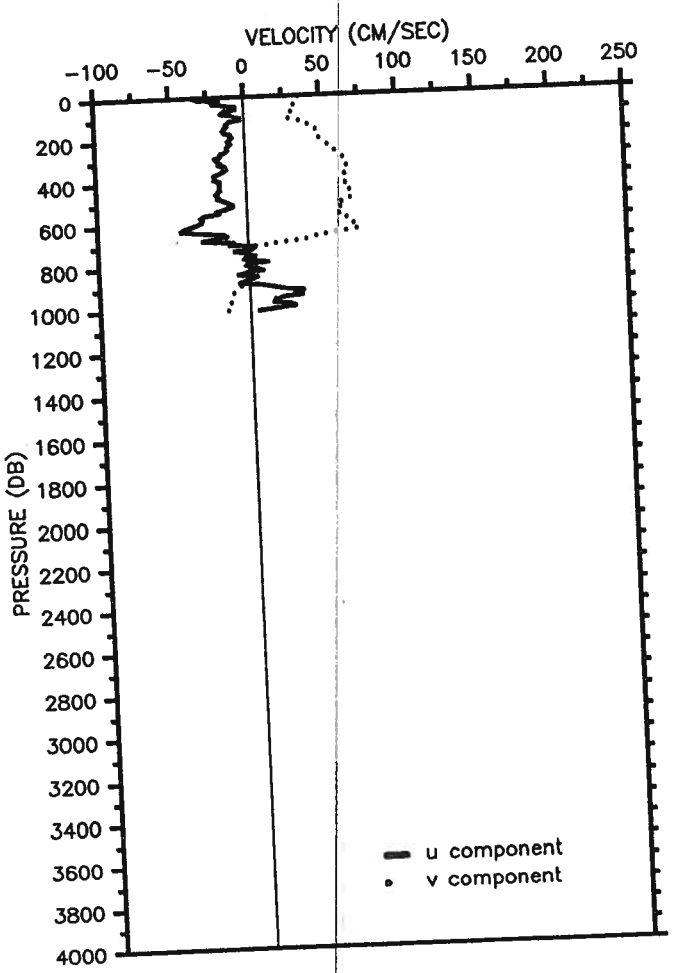
Prs	U	V
10	-8.0	-6.0
20	-6.0	0.0
30	-5.0	1.0
40	-6.0	-2.0
50	-4.0	-5.0
60	-5.0	-10.0
70	-5.0	-14.0
80	-6.0	-17.0
90	-5.0	-17.0
100	-1.0	-17.0
110	3.0	-19.0
120	5.0	-19.0
130	5.0	-18.0
140	6.0	-17.0
150	7.0	-16.0
160	6.0	-13.0
170	5.0	-11.0
180	2.0	-10.0
190	-1.0	-9.0
200	-3.0	-8.0
250	-4.0	6.0
300	-5.0	0.0
350	-7.0	4.0
400	-9.0	4.0
450	-2.0	2.0
500	-1.0	-7.0
550	-6.0	0.0
600	-7.0	5.0
650	-3.0	9.0
700	9.0	2.0
750	11.0	-8.0
800	3.0	-8.0
850	4.0	-3.0
900	12.0	12.0
950	3.0	-1.0
1000	11.0	7.0
1220	2.0	7.0

RES-STACS21-85 PEGASUS 9 STN 15
R/V RESEARCHER JDAY 240 TIME 1630Z
Latitude 26.528 N Longitude 076.380 W



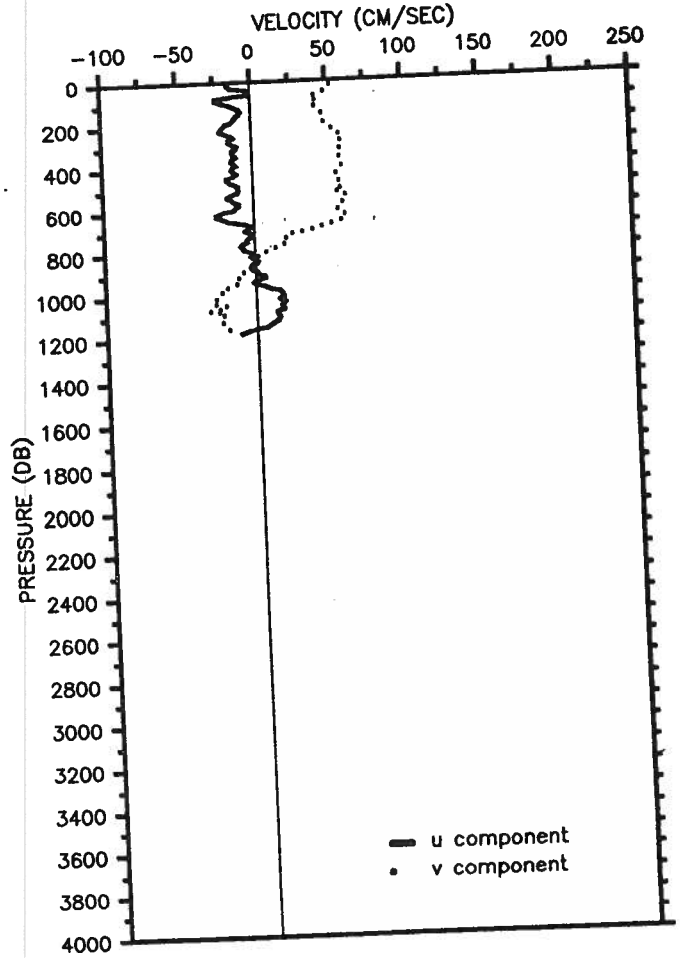
Prs	U	V
350	-17.0	17.0
400	-17.0	12.0
450	-17.0	11.0
500	-14.0	15.0
550	-11.0	15.0
600	-12.0	17.0
650	-12.0	16.0
700	-12.0	20.0
750	-10.0	15.0
800	-9.0	13.0
850	-6.0	12.0
900	-7.0	9.0
950	-5.0	5.0
1000	-4.0	5.0
1500	-2.0	-10.0
2000	-6.0	-10.0
2500	-7.0	-11.0
2880	2.0	-13.0

RES-STACS21-85 PEGASUS 10 STN 19
R/V RESEARCHER JDAY 241 TIME 0834Z
Latitude 26.544 N Longitude 076.852 W



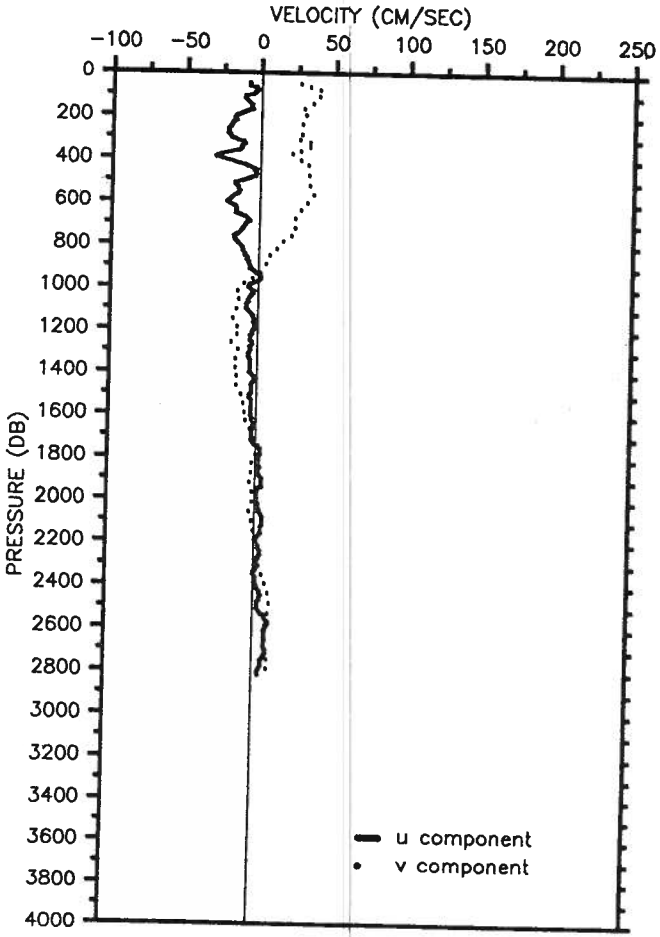
Prs	U	V
0	-34.0	36.0
10	-31.0	36.0
20	-17.0	36.0
30	-21.0	34.0
40	-14.0	33.0
50	-6.0	32.0
60	-6.0	31.0
70	-13.0	32.0
80	-15.0	29.0
90	-9.0	28.0
100	-3.0	28.0
110	-3.0	32.0
120	-10.0	37.0
130	-12.0	40.0
140	-12.0	44.0
150	-13.0	47.0
160	-14.0	47.0
170	-13.0	47.0
180	-10.0	48.0
190	-9.0	48.0
200	-10.0	49.0
250	-12.0	57.0
300	-19.0	66.0
350	-15.0	65.0
400	-18.0	65.0
450	-19.0	69.0
500	-12.0	64.0
550	-19.0	62.0
600	-33.0	70.0
650	-16.0	55.0
700	-12.0	10.0
750	4.0	1.0
800	-2.0	3.0
850	5.0	-1.0
900	17.0	-7.0
950	22.0	-12.0
1000	16.0	-15.0
1010	6.0	-14.0

RES-STACS21-85 PEGASUS 11 STN 19
R/V RESEARCHER JDAY 241 TIME 1725Z
Latitude 26.544 N Longitude 076.852 W



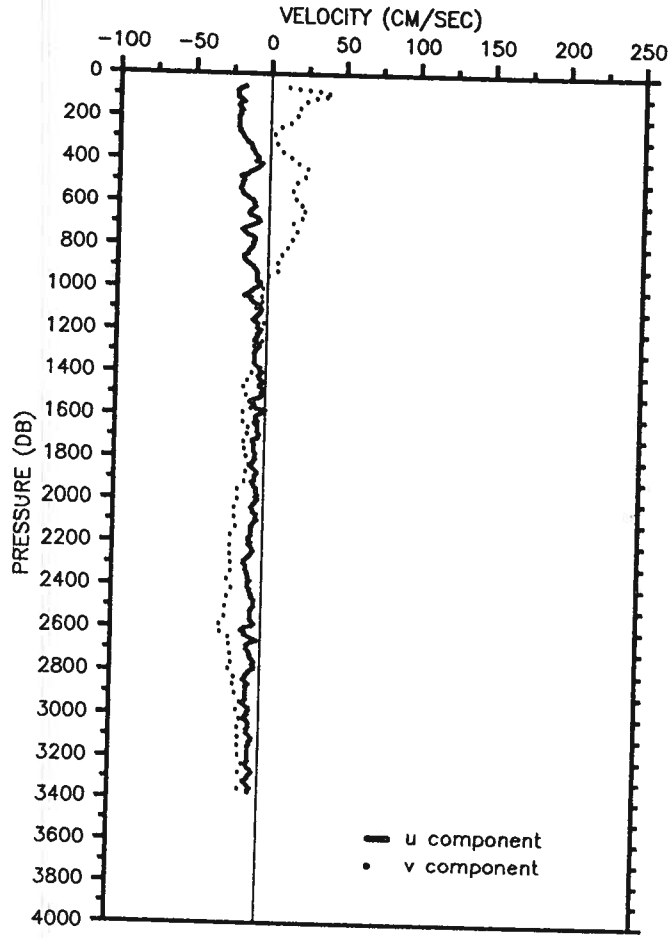
Prs	U	V
20	-15.0	53.0
30	-13.0	53.0
40	-3.0	52.0
50	-1.0	49.0
60	-2.0	46.0
70	-13.0	41.0
80	-23.0	40.0
90	-23.0	43.0
100	-18.0	42.0
110	-14.0	40.0
120	-11.0	43.0
130	-8.0	45.0
140	-7.0	46.0
150	-8.0	47.0
160	-10.0	48.0
170	-11.0	47.0
180	-12.0	48.0
190	-14.0	48.0
200	-17.0	50.0
250	-14.0	58.0
300	-10.0	57.0
350	-11.0	58.0
400	-13.0	59.0
450	-17.0	58.0
500	-10.0	58.0
550	-15.0	60.0
600	-14.0	56.0
650	-17.0	58.0
700	-6.0	35.0
750	-5.0	21.0
800	-3.0	5.0
850	1.0	2.0
900	2.0	-11.0
950	1.0	-15.0
1000	18.0	-27.0
1180	-10.0	-14.0

RES-STACS21-85 PEGASUS 12 STN 18
R/V RESEARCHER JDAY 241 TIME 2010Z
Latitude 26.526 N Longitude 076.752 W



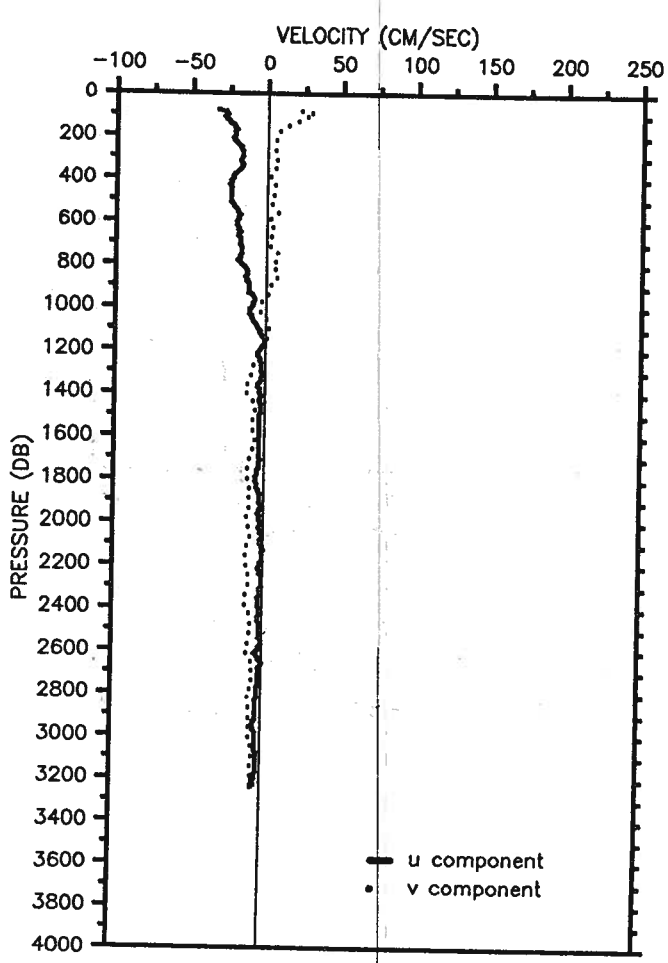
Prs	U	V
50	-8.0	26.0
60	-8.0	31.0
70	-4.0	36.0
80	-3.0	40.0
90	-4.0	41.0
100	-6.0	41.0
110	-11.0	38.0
120	-11.0	38.0
130	-10.0	37.0
140	-8.0	34.0
150	-7.0	32.0
160	-7.0	29.0
170	-6.0	27.0
180	-10.0	28.0
190	-14.0	30.0
200	-17.0	30.0
250	-21.0	28.0
300	-20.0	24.0
350	-13.0	32.0
400	-26.0	26.0
450	-3.0	32.0
500	-12.0	33.0
550	-14.0	36.0
600	-22.0	32.0
650	-16.0	26.0
700	-9.0	23.0
750	-15.0	23.0
800	-13.0	13.0
850	-10.0	8.0
900	-6.0	4.0
950	1.0	-2.0
1000	-7.0	-12.0
1500	-4.0	-11.0
2000	1.0	-2.0
2500	3.0	11.0
2820	4.0	9.0

RES-STACS21-85 PEGASUS 14 STN 16
R/V RESEARCHER JDAY 242 TIME 0653Z
Latitude 26.548 N Longitude 076.522 W



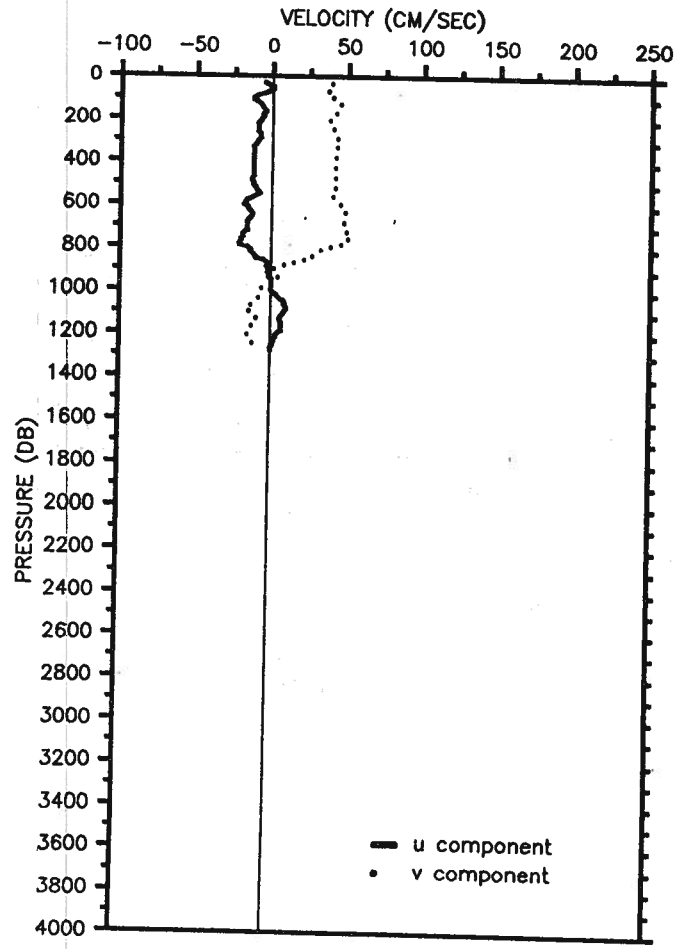
Prs	U	V
60	-17.0	12.0
70	-20.0	20.0
80	-22.0	31.0
90	-22.0	40.0
100	-22.0	41.0
110	-22.0	32.0
120	-20.0	27.0
130	-18.0	23.0
140	-20.0	20.0
150	-21.0	20.0
160	-20.0	19.0
170	-19.0	20.0
180	-20.0	18.0
190	-20.0	18.0
200	-21.0	18.0
250	-21.0	7.0
300	-17.0	3.0
350	-12.0	6.0
400	-8.0	15.0
450	-10.0	25.0
500	-17.0	19.0
550	-18.0	16.0
600	-10.0	20.0
650	-13.0	25.0
700	-8.0	16.0
750	-14.0	18.0
800	-10.0	13.0
850	-16.0	8.0
900	-10.0	7.0
950	-7.0	-1.0
1000	-7.0	-3.0
1500	-3.0	-12.0
2000	-4.0	-17.0
2500	-5.0	-24.0
3000	-8.0	-13.0
3370	-6.0	-8.0

RES-STACS21-85 PEGASUS 15 STN 15
R/V RESEARCHER JDAY 242 TIME 1201Z
Latitude 26.528 N Longitude 076.380 W



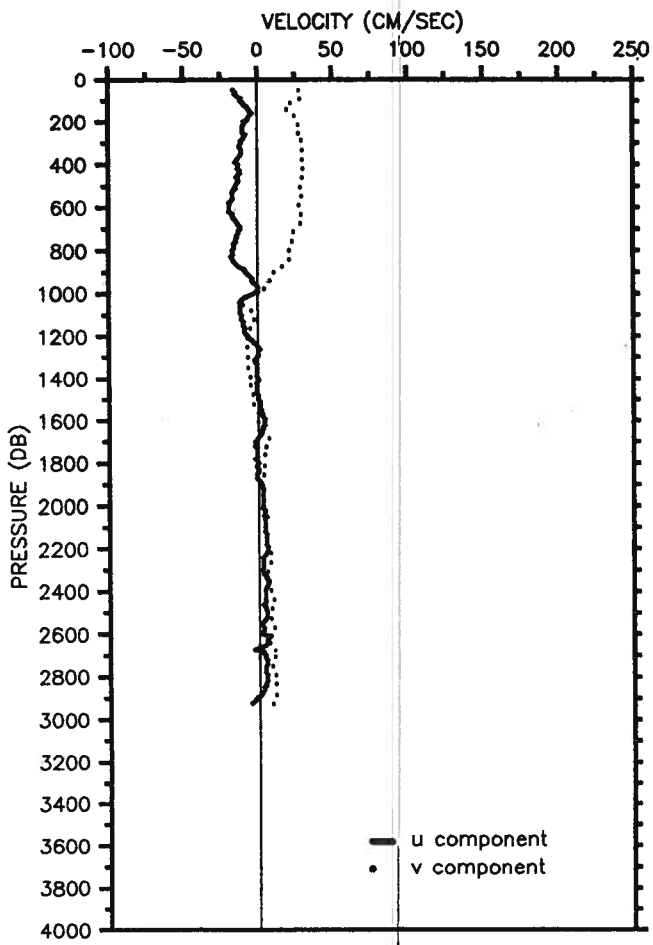
Prs	U	V
80	-33.0	22.0
90	-28.0	29.0
100	-27.0	30.0
110	-29.0	25.0
120	-28.0	22.0
130	-26.0	19.0
140	-25.0	16.0
150	-23.0	13.0
160	-22.0	11.0
170	-21.0	9.0
180	-22.0	8.0
190	-22.0	8.0
200	-22.0	7.0
250	-18.0	5.0
300	-17.0	6.0
350	-18.0	5.0
400	-23.0	3.0
450	-24.0	5.0
500	-24.0	3.0
550	-20.0	7.0
600	-20.0	1.0
650	-18.0	5.0
700	-18.0	2.0
750	-17.0	8.0
800	-17.0	4.0
850	-13.0	8.0
900	-12.0	3.0
950	-9.0	-1.0
1000	-10.0	-4.0
1500	-4.0	-8.0
2000	-2.0	-11.0
2500	-2.0	-8.0
3000	-4.0	-8.0
3240	-6.0	-1.0

RES-STACS21-85 PEGASUS 16 STN 19
R/V RESEARCHER JDAY 242 TIME 1753Z
Latitude 26.544 N Longitude 076.852 W



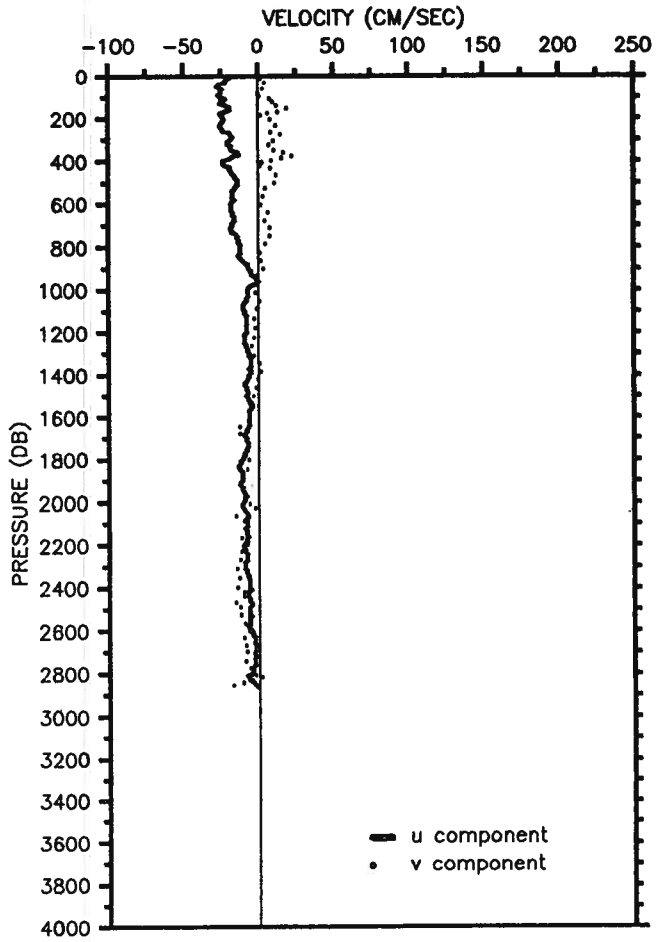
Prs	U	V
30	-5.0	39.0
40	-3.0	40.0
50	0.0	40.0
60	0.0	38.0
70	-2.0	36.0
80	-5.0	36.0
90	-9.0	37.0
100	-12.0	41.0
110	-12.0	43.0
120	-10.0	44.0
130	-8.0	45.0
140	-7.0	45.0
150	-6.0	44.0
160	-5.0	43.0
170	-5.0	42.0
180	-6.0	41.0
190	-6.0	39.0
200	-7.0	38.0
250	-9.0	41.0
300	-9.0	43.0
350	-12.0	43.0
400	-12.0	42.0
450	-12.0	42.0
500	-12.0	42.0
550	-8.0	40.0
600	-18.0	46.0
650	-13.0	49.0
700	-16.0	50.0
750	-19.0	49.0
800	-16.0	37.0
850	-10.0	26.0
900	-2.0	2.0
950	0.0	4.0
1000	0.0	-7.0
1280	0.0	-9.0

RES-STACS21-85 PEGASUS 17 STN 18
R/V RESEARCHER JDAY 242 TIME 2015Z
Latitude 26.526 N Longitude 076.752 W



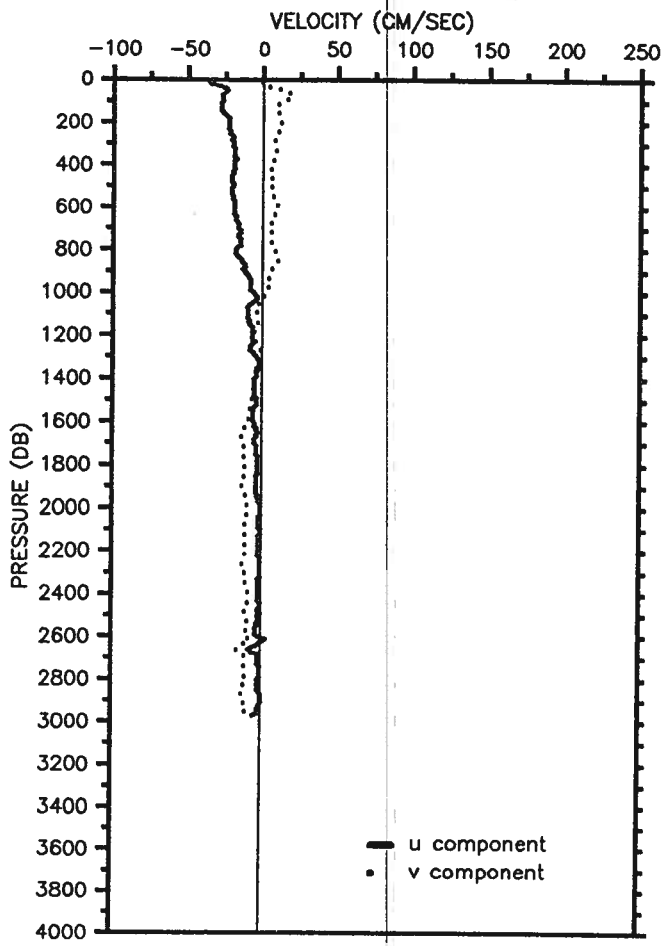
Prs	U	V
50	-16.0	28.0
60	-15.0	29.0
70	-15.0	29.0
80	-13.0	30.0
90	-11.0	29.0
100	-11.0	25.0
110	-10.0	21.0
120	-9.0	20.0
130	-7.0	19.0
140	-6.0	20.0
150	-5.0	21.0
160	-4.0	24.0
170	-5.0	25.0
180	-6.0	26.0
190	-7.0	26.0
200	-9.0	27.0
250	-10.0	28.0
300	-11.0	31.0
350	-11.0	29.0
400	-13.0	30.0
450	-13.0	30.0
500	-15.0	29.0
550	-17.0	30.0
600	-19.0	28.0
650	-16.0	30.0
700	-12.0	26.0
750	-15.0	23.0
800	-17.0	21.0
850	-16.0	19.0
900	-8.0	10.0
950	-3.0	8.0
1000	-3.0	-3.0
1500	0.0	-3.0
2000	3.0	3.0
2500	5.0	8.0
2920	-5.0	9.0

RES-STACS21-85 PEGASUS 18 STN 16
R/V RESEARCHER JDAY 243 TIME 0111Z
Latitude 26.548 N Longitude 076.522 W



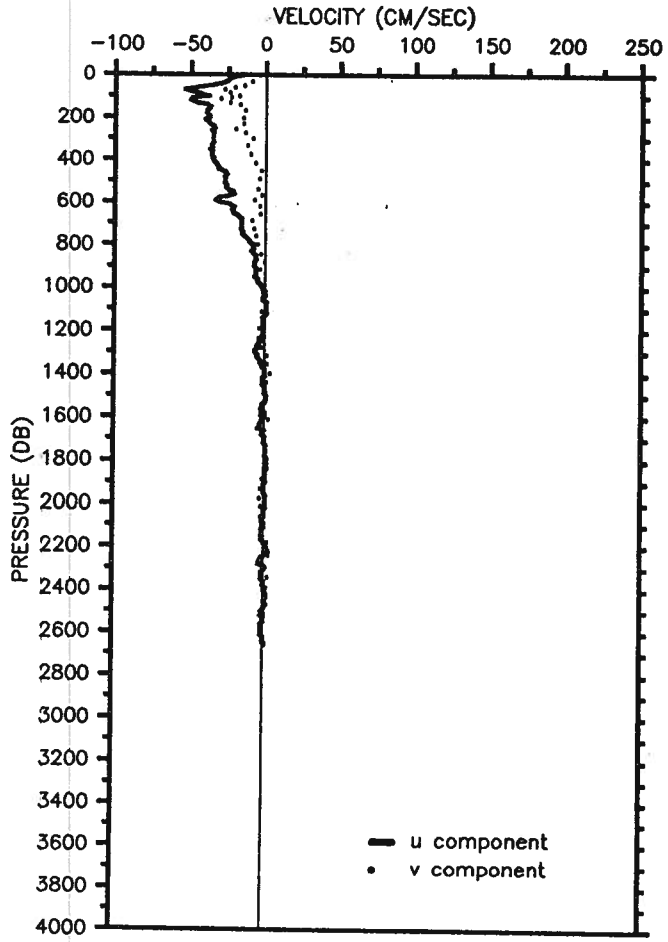
Prs	U	V
10	-19.0	2.0
20	-21.0	6.0
30	-22.0	4.0
40	-26.0	2.0
50	-27.0	1.0
60	-24.0	5.0
70	-25.0	3.0
80	-25.0	-2.0
90	-26.0	-2.0
100	-25.0	7.0
110	-22.0	12.0
120	-24.0	10.0
130	-25.0	8.0
140	-21.0	15.0
150	-19.0	19.0
160	-19.0	17.0
170	-22.0	10.0
180	-25.0	1.0
190	-24.0	5.0
200	-23.0	7.0
250	-24.0	10.0
300	-18.0	12.0
350	-17.0	13.0
400	-23.0	3.0
450	-18.0	10.0
500	-14.0	10.0
550	-17.0	4.0
600	-18.0	2.0
650	-17.0	6.0
700	-17.0	7.0
750	-14.0	7.0
800	-12.0	3.0
850	-12.0	3.0
900	-6.0	3.0
950	-1.0	-2.0
1000	-7.0	-3.0
1500	-8.0	-3.0
2000	-10.0	-7.0
2500	-6.0	-11.0
2860	-1.0	-20.0

RES-STACS21-85 PEGASUS 19 STN 15
R/V RESEARCHER JDAY 243 TIME 0529Z
Latitude 26.528 N Longitude 076.380 W



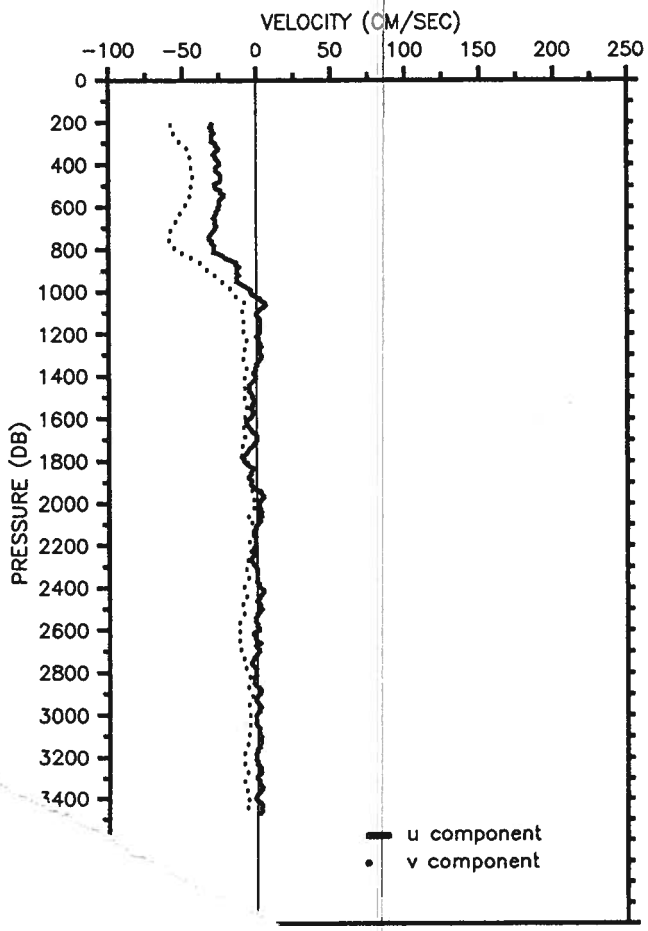
Prs	U	V
10	-36.0	-1.0
20	-35.0	-1.0
30	-28.0	4.0
40	-25.0	10.0
50	-24.0	15.0
60	-26.0	18.0
70	-27.0	19.0
80	-27.0	18.0
90	-27.0	16.0
100	-27.0	14.0
110	-28.0	11.0
120	-28.0	9.0
130	-28.0	9.0
140	-28.0	9.0
150	-27.0	10.0
160	-26.0	10.0
170	-24.0	11.0
180	-23.0	11.0
190	-23.0	11.0
200	-23.0	12.0
250	-22.0	9.0
300	-20.0	8.0
350	-19.0	8.0
400	-19.0	6.0
450	-21.0	6.0
500	-20.0	6.0
550	-20.0	7.0
600	-19.0	10.0
650	-18.0	7.0
700	-16.0	7.0
750	-15.0	6.0
800	-18.0	8.0
850	-14.0	10.0
900	-12.0	5.0
950	-8.0	5.0
1000	-6.0	1.0
1500	-4.0	-8.0
2000	-1.0	-10.0
2500	-2.0	-11.0
2970	-5.0	-6.0

RES-STACS21-85 PEGASUS 21 STN 14
R/V RESEARCHER JDAY 243 TIME 1437Z
Latitude 26.918 N Longitude 076.135 W



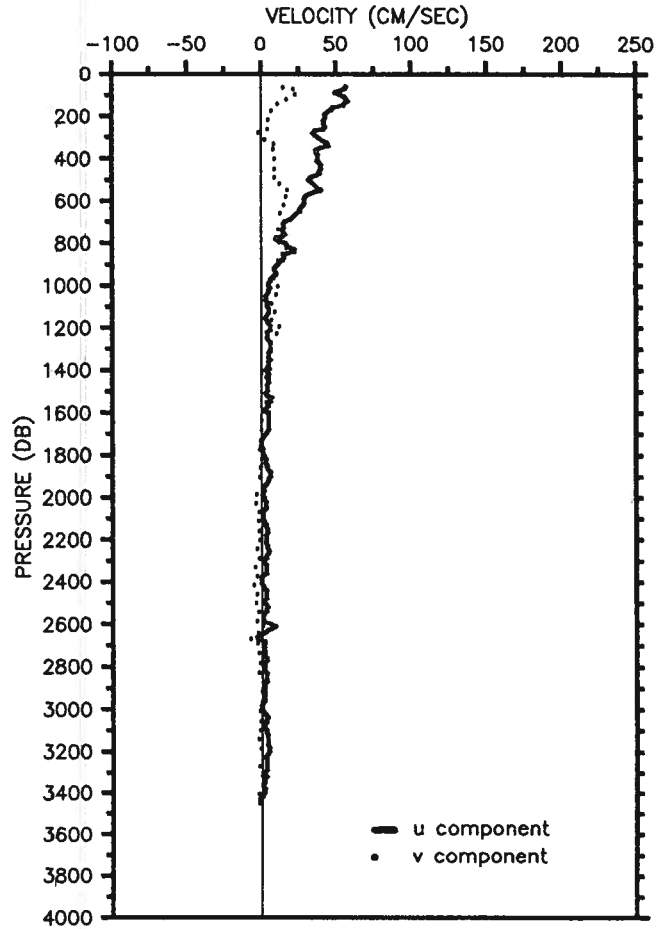
Prs	U	V
0	-13.0	-4.0
10	-20.0	-4.0
20	-24.0	-6.0
30	-26.0	-10.0
40	-29.0	-14.0
50	-35.0	-14.0
60	-46.0	-22.0
70	-54.0	-29.0
80	-50.0	-25.0
90	-44.0	-21.0
100	-38.0	-17.0
110	-49.0	-30.0
120	-50.0	-29.0
130	-46.0	-23.0
140	-39.0	-16.0
150	-37.0	-13.0
160	-38.0	-14.0
170	-39.0	-14.0
180	-39.0	-16.0
190	-38.0	-16.0
200	-38.0	-15.0
250	-34.0	-20.0
300	-35.0	-8.0
350	-37.0	-10.0
400	-35.0	-8.0
450	-29.0	-3.0
500	-27.0	-4.0
550	-22.0	-2.0
600	-30.0	-7.0
650	-21.0	-3.0
700	-16.0	-8.0
750	-15.0	-6.0
800	-8.0	-5.0
850	-6.0	-3.0
900	-7.0	-1.0
950	-6.0	-7.0
1000	-2.0	-2.0
1500	1.0	1.0
2000	1.0	-3.0
2500	-1.0	3.0
2660	1.0	-3.0

RES-STACS21-85 PEGASUS 22 STN 13
R/V RESEARCHER JDAY 243 TIME 2028Z
Latitude 27.364 N Longitude 075.882 W



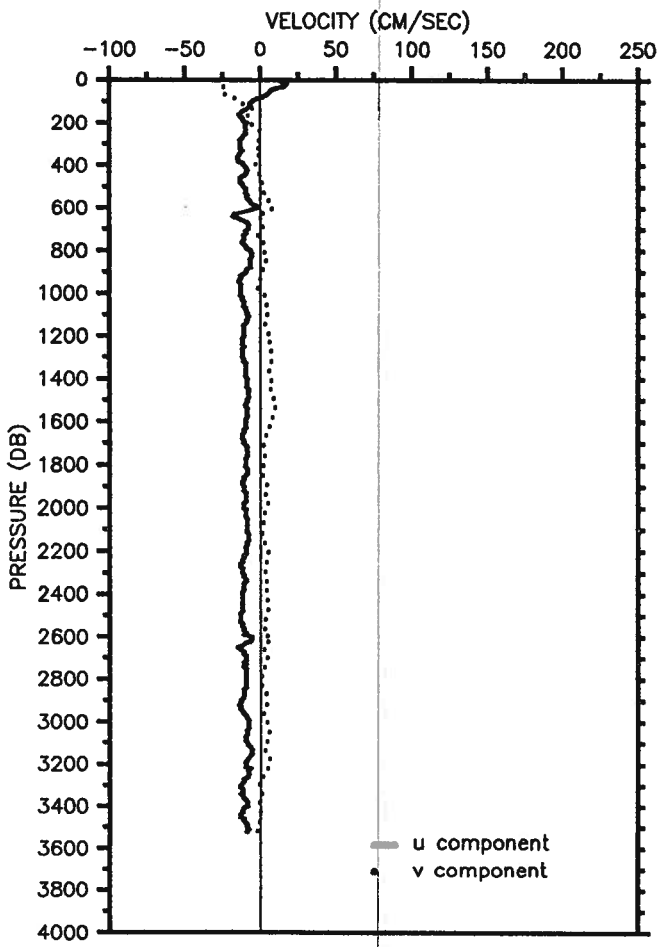
Prs	U	V
250	-29.0	-56.0
300	-28.0	-50.0
350	-29.0	-46.0
400	-25.0	-44.0
450	-24.0	-43.0
500	-28.0	-44.0
550	-22.0	-45.0
600	-26.0	-49.0
650	-29.0	-53.0
700	-28.0	-57.0
750	-32.0	-59.0
800	-29.0	-52.0
850	-17.0	-40.0
900	-13.0	-32.0
950	-13.0	-23.0
1000	-4.0	-16.0
1500	-3.0	-8.0
2000	1.0	-1.0
2500	3.0	-9.0
3000	-1.0	-5.0
3470	2.0	-4.0

RES-STACS21-85 PEGASUS 24 STN 11
R/V RESEARCHER JDAY 244 TIME 1005Z
Latitude 28.244 N Longitude 075.330 W



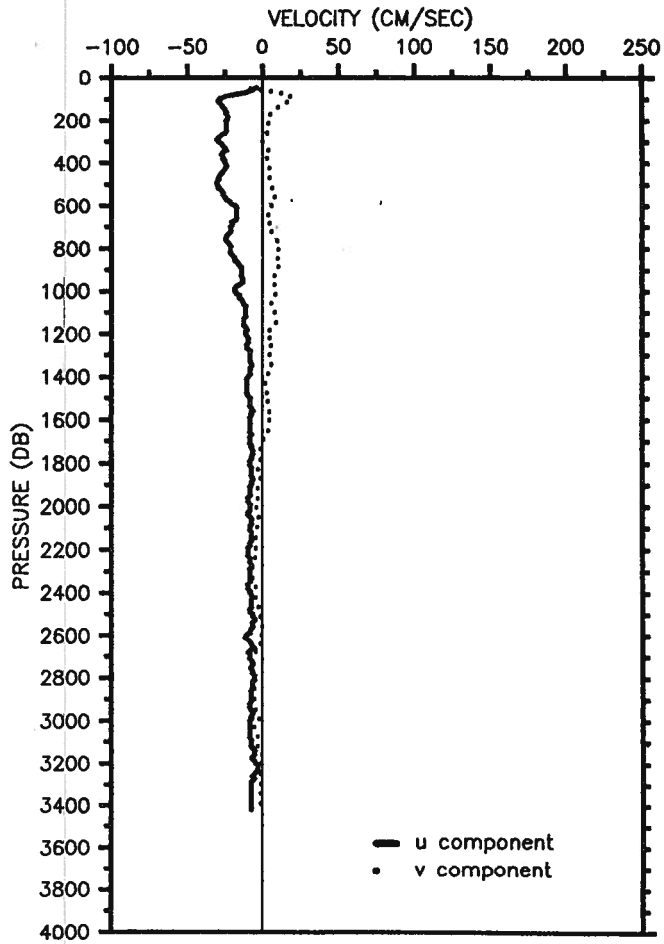
Prs	U	V
60	57.0	15.0
70	56.0	22.0
80	54.0	25.0
90	50.0	24.0
100	53.0	22.0
110	56.0	20.0
120	57.0	17.0
130	58.0	15.0
140	56.0	11.0
150	55.0	10.0
160	48.0	7.0
170	47.0	7.0
180	45.0	7.0
190	43.0	6.0
200	43.0	5.0
250	43.0	5.0
300	38.0	1.0
350	40.0	8.0
400	38.0	9.0
450	40.0	9.0
500	32.0	10.0
550	40.0	18.0
600	29.0	16.0
650	26.0	13.0
700	16.0	15.0
750	15.0	10.0
800	16.0	15.0
850	17.0	13.0
900	11.0	9.0
950	10.0	9.0
1000	5.0	11.0
1500	4.0	4.0
2000	2.0	-4.0
2500	2.0	-4.0
3000	0.0	-1.0
3450	-1.0	2.0

RES-STACS21-85 PEGASUS 25 STN 10
R/V RESEARCHER JDAY 244 TIME 1600Z
Latitude 28.698 N Longitude 075.081 W



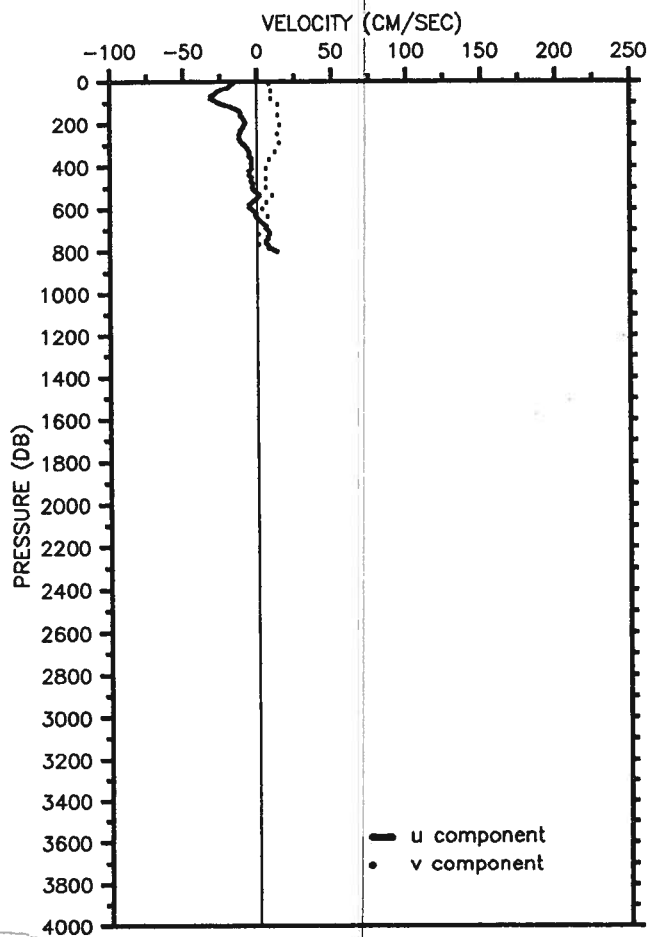
Prs	U	V
0	19.0	-28.0
10	14.0	-28.0
20	17.0	-24.0
30	15.0	-24.0
40	11.0	-25.0
50	7.0	-26.0
60	6.0	-24.0
70	4.0	-21.0
80	2.0	-18.0
90	-2.0	-16.0
100	-5.0	-15.0
110	-7.0	-11.0
120	-7.0	-8.0
130	-8.0	-5.0
140	-10.0	-6.0
150	-12.0	-8.0
160	-14.0	-9.0
170	-13.0	-8.0
180	-12.0	-7.0
190	-11.0	-6.0
200	-9.0	-6.0
250	-10.0	0.0
300	-13.0	1.0
350	-14.0	-1.0
400	-11.0	-3.0
450	-11.0	0.0
500	-11.0	1.0
550	-9.0	5.0
600	-2.0	8.0
650	-14.0	1.0
700	-8.0	1.0
750	-11.0	0.0
800	-7.0	3.0
850	-7.0	4.0
900	-10.0	0.0
950	-14.0	-1.0
1000	-13.0	2.0
1500	-9.0	10.0
2000	-11.0	4.0
2500	-13.0	4.0
3000	-8.0	4.0
3500	-9.0	-2.0
3520	-9.0	-2.0

RES-STACS21-85 PEGASUS 26 STN 9
R/V RESEARCHER JDAY 244 TIME 2225Z
Latitude 29.136 N Longitude 074.812 W



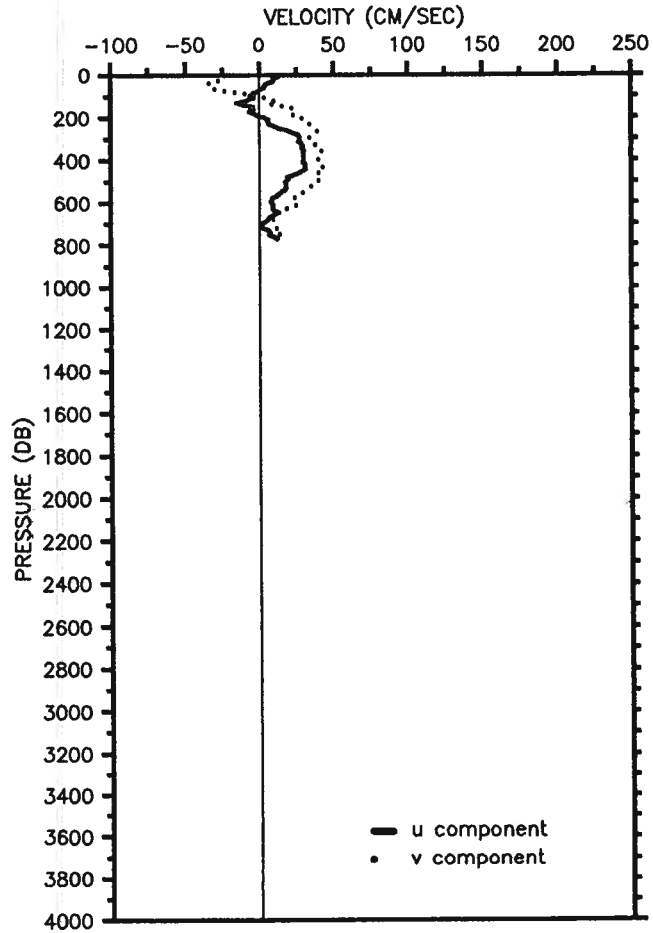
Prs	U	V
50	-4.0	-8.0
60	-7.0	5.0
70	-11.0	13.0
80	-18.0	16.0
90	-24.0	19.0
100	-28.0	20.0
110	-29.0	17.0
120	-28.0	15.0
130	-27.0	13.0
140	-26.0	10.0
150	-25.0	8.0
160	-24.0	6.0
170	-24.0	5.0
180	-23.0	4.0
190	-23.0	3.0
200	-24.0	4.0
250	-24.0	3.0
300	-29.0	0.0
350	-26.0	4.0
400	-25.0	5.0
450	-27.0	5.0
500	-30.0	6.0
550	-26.0	8.0
600	-18.0	6.0
650	-17.0	5.0
700	-21.0	4.0
750	-24.0	9.0
800	-21.0	11.0
850	-18.0	11.0
900	-14.0	9.0
950	-13.0	7.0
1000	-18.0	9.0
1500	-8.0	3.0
2000	-8.0	-4.0
2500	-6.0	-2.0
3000	-8.0	-3.0
3420	-7.0	1.0

RES-STACS21-85 PEGASUS 27 STN 24
R/V RESEARCHER JDAY 246 TIME 0241Z
Latitude 29.019 N Longitude 078.807 W



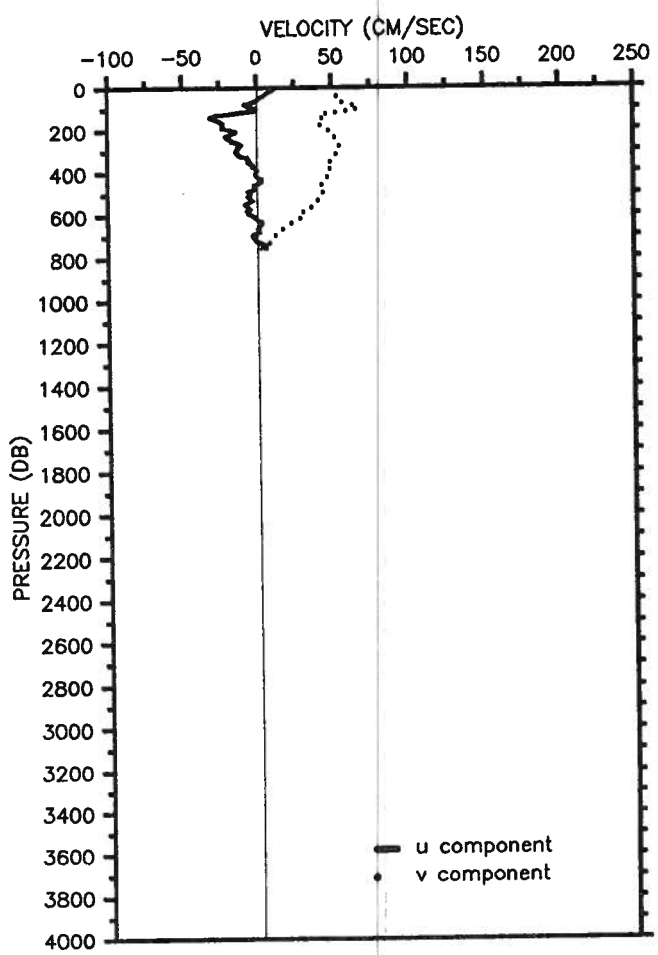
Prs	U	V
10	-16.0	8.0
20	-18.0	10.0
30	-20.0	11.0
40	-24.0	10.0
50	-27.0	8.0
60	-29.0	7.0
70	-31.0	8.0
80	-31.0	9.0
90	-29.0	12.0
100	-26.0	14.0
110	-22.0	14.0
120	-18.0	14.0
130	-14.0	14.0
140	-12.0	14.0
150	-11.0	14.0
160	-11.0	14.0
170	-10.0	14.0
180	-9.0	15.0
190	-8.0	15.0
200	-8.0	15.0
250	-12.0	14.0
300	-8.0	14.0
350	-5.0	9.0
400	-4.0	6.0
450	-4.0	6.0
500	-3.0	6.0
550	0.0	9.0
600	-4.0	4.0
650	1.0	6.0
700	7.0	2.0
750	6.0	1.0
800	13.0	0.0

RES-STACS21-85 PEGASUS 28 STN 25
R/V RESEARCHER JDAY 246 TIME 0511Z
Latitude 29.012 N Longitude 079.091 W



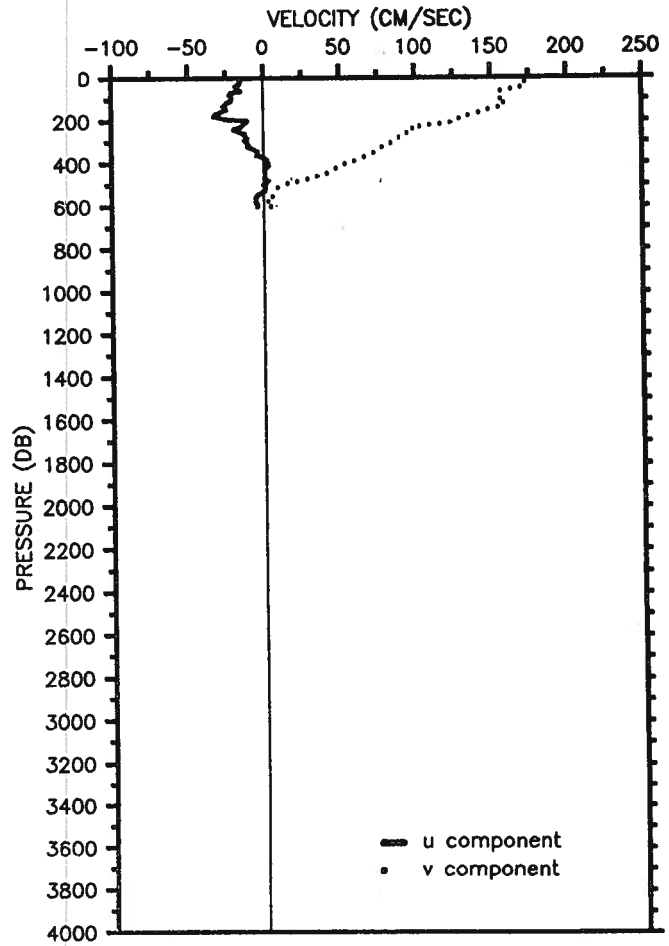
Prs	U	V
0	13.0	-23.0
10	12.0	-23.0
20	10.0	-23.0
30	9.0	-33.0
40	6.0	-34.0
50	4.0	-34.0
60	3.0	-31.0
70	1.0	-26.0
80	-1.0	-18.0
90	-4.0	-7.0
100	-6.0	0.0
110	-4.0	8.0
120	-8.0	10.0
130	-15.0	6.0
140	-11.0	11.0
150	-4.0	21.0
160	-4.0	24.0
170	-6.0	22.0
180	-4.0	22.0
190	-1.0	24.0
200	4.0	29.0
250	14.0	38.0
300	27.0	37.0
350	30.0	42.0
400	30.0	41.0
450	29.0	43.0
500	18.0	39.0
550	15.0	29.0
600	8.0	26.0
650	11.0	11.0
700	2.0	11.0
750	7.0	13.0
770	12.0	13.0

RES-STACS21-85 PEGASUS 29 STN 26
R/V RESEARCHER JDAY 246 TIME 0903Z
Latitude 29.032 N Longitude 079.448 W



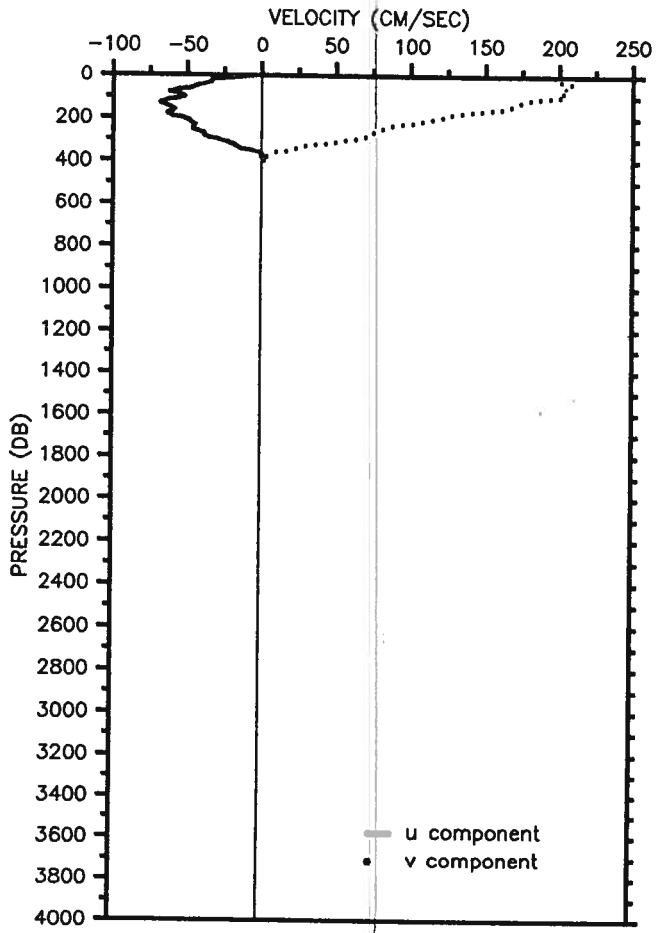
Prs	U	V
0	7.0	54.0
10	11.0	52.0
20	9.0	52.0
30	6.0	52.0
40	4.0	54.0
50	1.0	55.0
60	0.0	55.0
70	-4.0	59.0
80	-8.0	64.0
90	-6.0	68.0
100	-1.0	65.0
110	-3.0	55.0
120	-13.0	45.0
130	-27.0	42.0
140	-31.0	44.0
150	-28.0	43.0
160	-24.0	41.0
170	-23.0	42.0
180	-23.0	43.0
190	-23.0	45.0
200	-18.0	49.0
250	-17.0	53.0
300	-14.0	53.0
350	-6.0	50.0
400	-1.0	49.0
450	1.0	44.0
500	-5.0	42.0
550	-8.0	39.0
600	-4.0	32.0
650	1.0	18.0
700	-3.0	11.0
750	6.0	2.0

RES-STACS21-85 PEGASUS 30 STN 27
R/V RESEARCHER JDAY 246 TIME 1258Z
Latitude 29.048 N Longitude 079.818 W



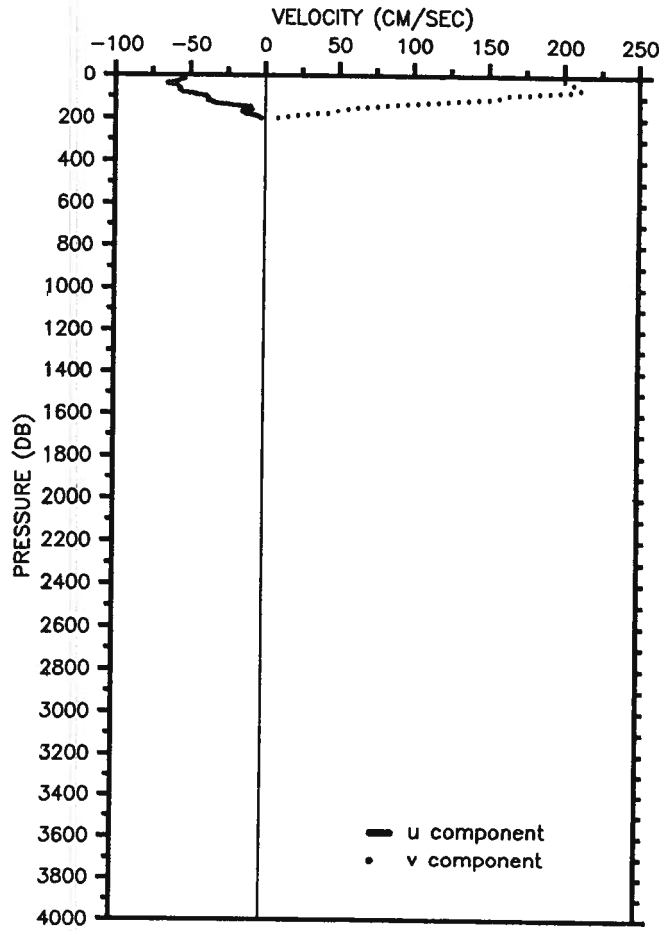
Prs	U	V
20	-15.0	173.0
30	-16.0	174.0
40	-18.0	173.0
50	-17.0	166.0
60	-15.0	157.0
70	-21.0	158.0
80	-22.0	159.0
90	-21.0	159.0
100	-21.0	156.0
110	-22.0	155.0
120	-24.0	160.0
130	-26.0	159.0
140	-25.0	153.0
150	-25.0	148.0
160	-28.0	142.0
170	-31.0	137.0
180	-32.0	132.0
190	-25.0	129.0
200	-11.0	128.0
250	-16.0	97.0
300	-11.0	84.0
350	-4.0	72.0
400	3.0	54.0
450	1.0	38.0
500	0.0	12.0
550	-4.0	6.0
600	-4.0	4.0

RES-STACS21-85 PEGASUS 31 STN 28
R/V RESEARCHER JDAY 246 TIME 1623Z
Latitude 29.016 N Longitude 079.928 W



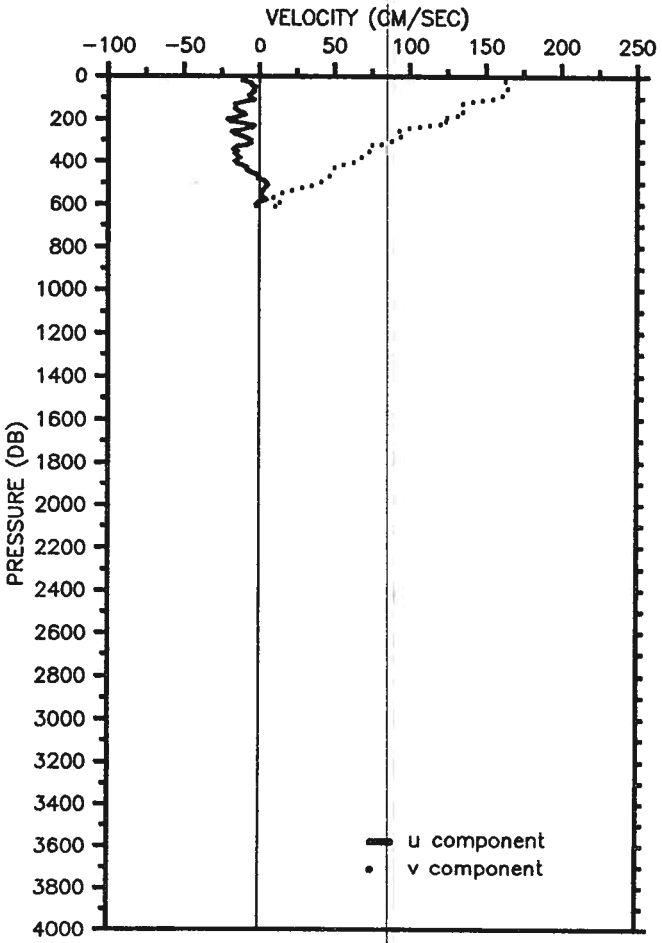
Prs	U	V
0	-4.0	197.0
10	-16.0	197.0
20	-33.0	197.0
30	-34.0	209.0
40	-38.0	208.0
50	-43.0	205.0
60	-48.0	201.0
70	-57.0	201.0
80	-62.0	203.0
90	-56.0	205.0
100	-52.0	194.0
110	-56.0	180.0
120	-63.0	175.0
130	-68.0	170.0
140	-65.0	168.0
150	-62.0	163.0
160	-59.0	151.0
170	-60.0	137.0
180	-63.0	128.0
190	-60.0	122.0
200	-53.0	114.0
250	-46.0	80.0
300	-29.0	57.0
350	-7.0	16.0
400	1.0	1.0

RES-STACS21-85 PEGASUS 32 STN 29
R/V RESEARCHER JDAY 246 TIME 1918Z
Latitude 29.008 N Longitude 080.027 W



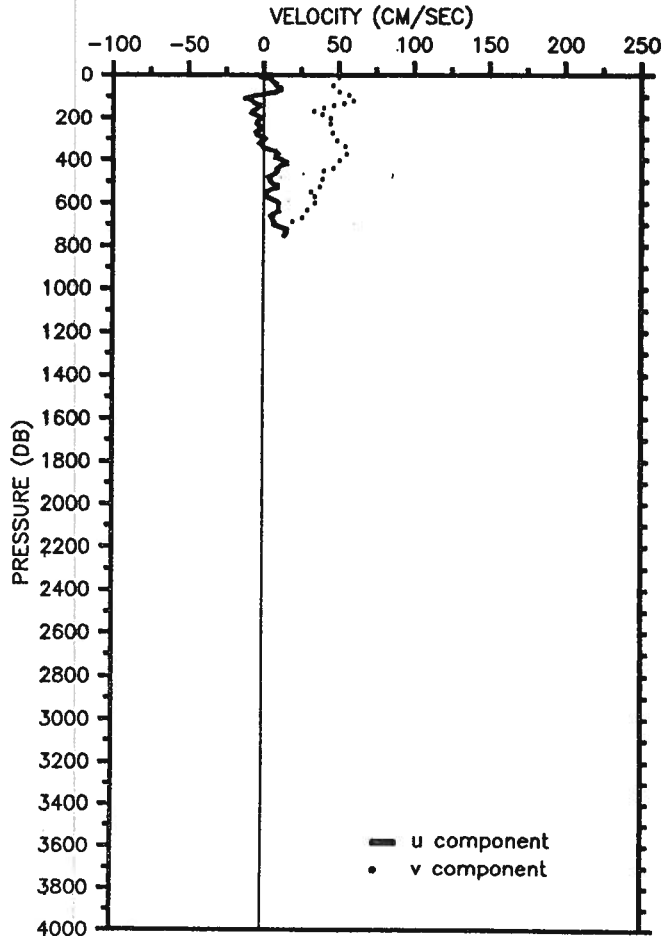
Prs	U	V
20	-54.0	200.0
30	-59.0	202.0
40	-65.0	208.0
50	-59.0	210.0
60	-57.0	211.0
70	-57.0	203.0
80	-55.0	183.0
90	-47.0	164.0
100	-39.0	157.0
110	-38.0	144.0
120	-38.0	119.0
130	-33.0	97.0
140	-23.0	79.0
150	-10.0	61.0
160	-9.0	50.0
170	-15.0	45.0
180	-13.0	31.0
190	-5.0	15.0
200	-3.0	5.0

RES-STACS21-85 PEGASUS 34 STN 27
R/V RESEARCHER JDAY 247 TIME 0442Z
Latitude 29.048 N Longitude 079.818 W



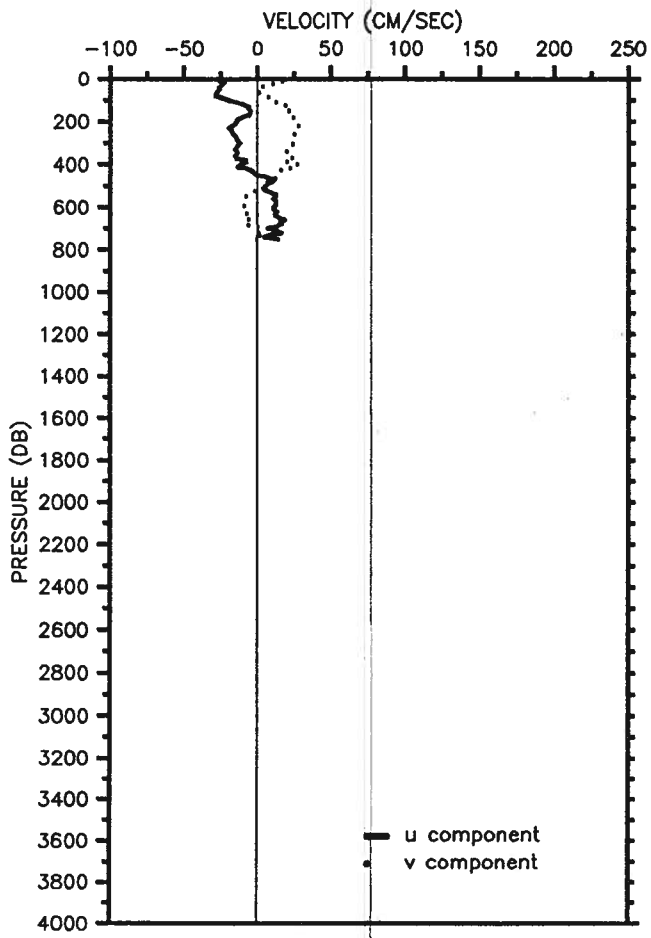
Prs	U	V
20	-11.0	163.0
30	-6.0	161.0
40	-5.0	163.0
50	-3.0	164.0
60	-4.0	165.0
70	-4.0	164.0
80	-5.0	162.0
90	-7.0	160.0
100	-6.0	155.0
110	-4.0	145.0
120	-10.0	136.0
130	-16.0	133.0
140	-16.0	134.0
150	-16.0	134.0
160	-14.0	135.0
170	-11.0	136.0
180	-10.0	132.0
190	-15.0	122.0
200	-21.0	121.0
250	-12.0	93.0
300	-6.0	89.0
350	-15.0	73.0
400	-16.0	64.0
450	-6.0	49.0
500	4.0	40.0
550	1.0	13.0
600	-2.0	13.0
610	-2.0	10.0

RES-STACS21-85 PEGASUS 35 STN 26
R/V RESEARCHER JDAY 247 TIME 0742Z
Latitude 29.032 N Longitude 079.448 W



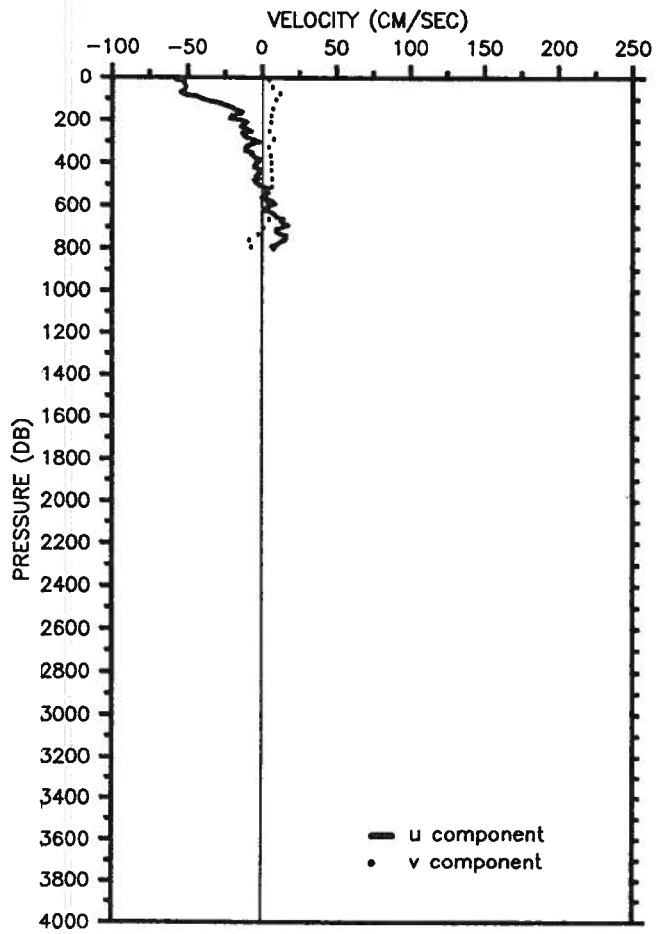
Prs	U	V
10	-2.0	50.0
20	5.0	50.0
30	6.0	49.0
40	8.0	47.0
50	8.0	46.0
60	11.0	47.0
70	11.0	48.0
80	8.0	52.0
90	2.0	56.0
100	-7.0	58.0
110	-12.0	61.0
120	-8.0	60.0
130	-6.0	54.0
140	-3.0	46.0
150	-3.0	41.0
160	-5.0	36.0
170	-7.0	33.0
180	-8.0	37.0
190	-4.0	43.0
200	-2.0	45.0
250	-2.0	46.0
300	1.0	48.0
350	4.0	57.0
400	12.0	51.0
450	9.0	40.0
500	5.0	38.0
550	2.0	30.0
600	10.0	33.0
650	7.0	28.0
700	7.0	17.0
750	14.0	18.0

RES-STACS21-85 PEGASUS 36 STN 25
R/V RESEARCHER JDAY 247 TIME 1018Z
Latitude 29.012 N Longitude 079.091 W



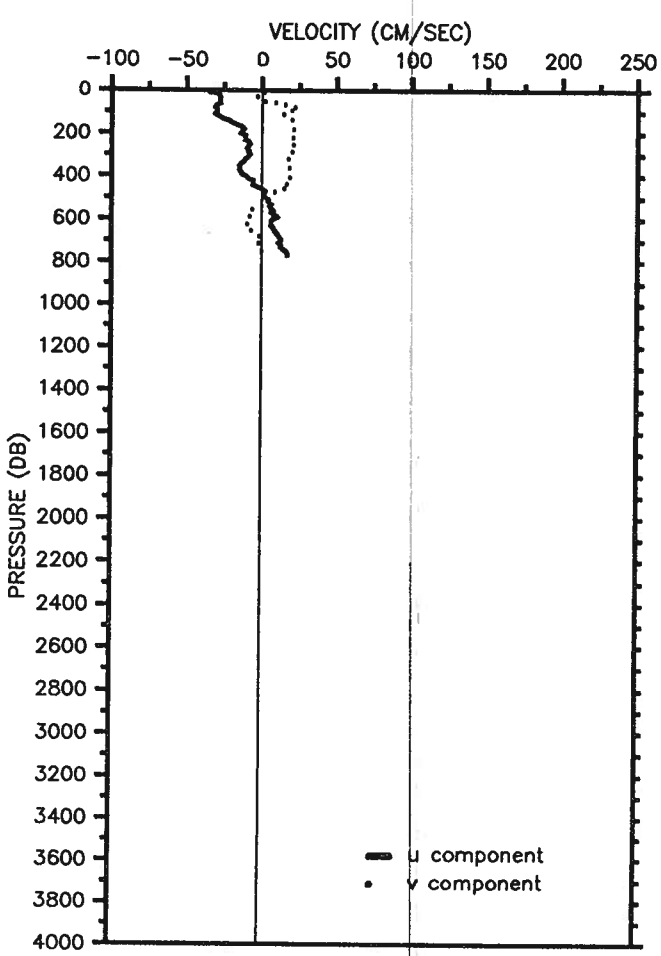
Prs	U	V
10	-26.0	17.0
20	-23.0	12.0
30	-24.0	5.0
40	-26.0	1.0
50	-26.0	0.0
60	-27.0	1.0
70	-28.0	4.0
80	-28.0	7.0
90	-24.0	8.0
100	-19.0	9.0
110	-14.0	14.0
120	-10.0	18.0
130	-6.0	21.0
140	-6.0	23.0
150	-5.0	21.0
160	-5.0	21.0
170	-6.0	22.0
180	-10.0	25.0
190	-13.0	26.0
200	-14.0	27.0
250	-17.0	25.0
300	-12.0	24.0
350	-14.0	22.0
400	-11.0	28.0
450	0.0	14.0
500	6.0	5.0
550	12.0	-8.0
600	11.0	-10.0
650	15.0	-6.0
700	7.0	7.0
750	14.0	-4.0

RES-STACS21-85 PEGASUS 37 STN 24
R/V RESEARCHER JDAY 247 TIME 1250Z
Latitude 29.019 N Longitude 078.807 W



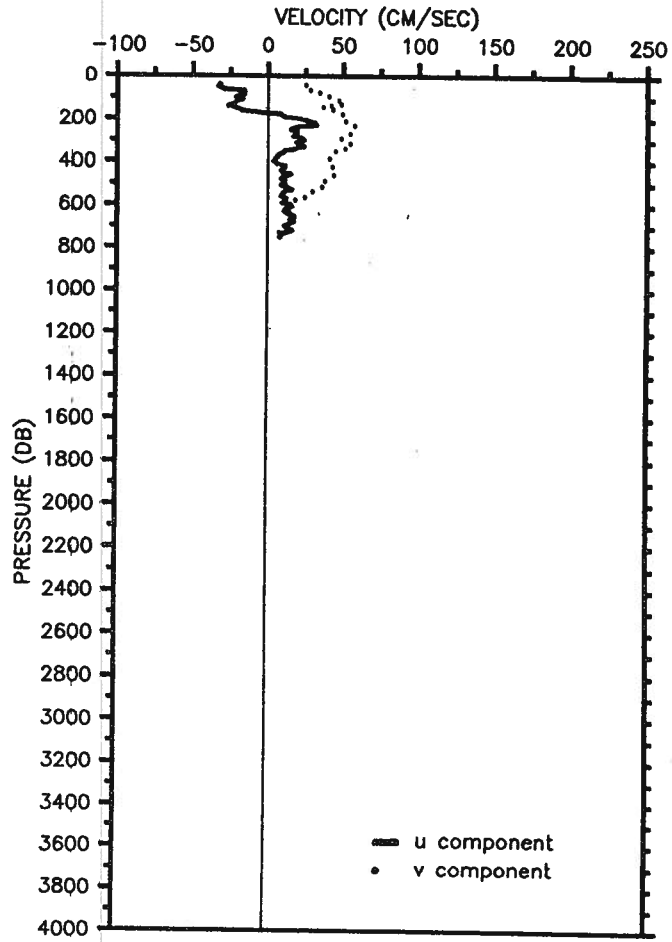
Prs	U	V
10	-58.0	5.0
20	-52.0	4.0
30	-52.0	5.0
40	-51.0	6.0
50	-51.0	9.0
60	-52.0	10.0
70	-54.0	11.0
80	-51.0	14.0
90	-44.0	12.0
100	-39.0	10.0
110	-35.0	10.0
120	-29.0	9.0
130	-24.0	8.0
140	-20.0	8.0
150	-18.0	7.0
160	-14.0	5.0
170	-15.0	6.0
180	-20.0	7.0
190	-21.0	9.0
200	-14.0	7.0
250	-8.0	5.0
300	-3.0	7.0
350	-7.0	7.0
400	-4.0	6.0
450	-3.0	5.0
500	-2.0	8.0
550	2.0	2.0
600	5.0	2.0
650	10.0	5.0
700	14.0	1.0
750	16.0	-7.0
800	8.0	-6.0

RES-STACS21-85 PEGASUS 38 STN 25
R/V RESEARCHER JDAY 247 TIME 1500Z
Latitude 29.012 N Longitude 079.091 W



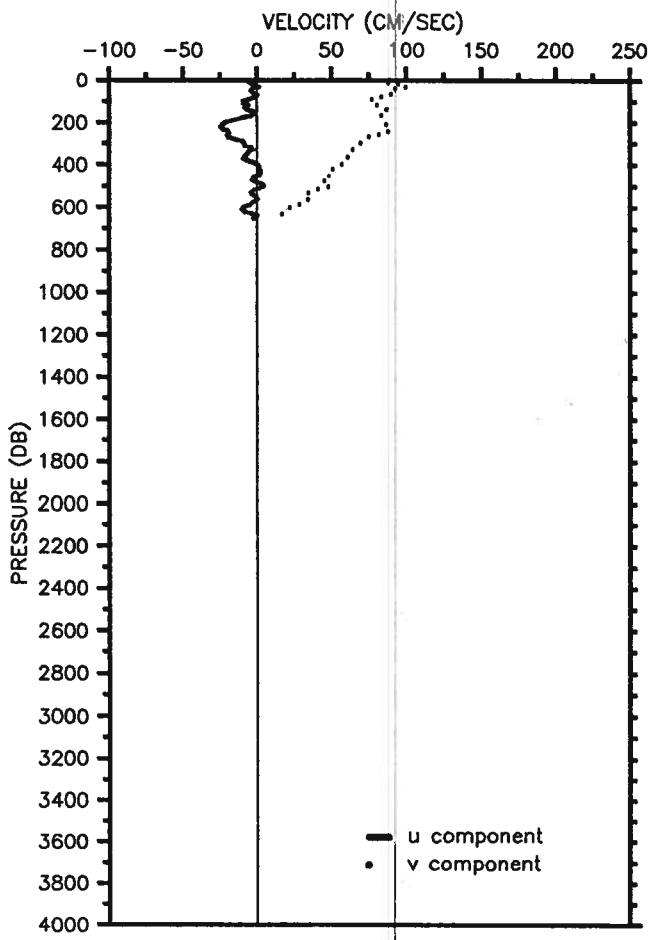
Prs	U	V
10	-35.0	1.0
20	-29.0	-4.0
30	-28.0	-3.0
40	-28.0	-3.0
50	-28.0	3.0
60	-28.0	12.0
70	-30.0	19.0
80	-31.0	24.0
90	-30.0	22.0
100	-30.0	16.0
110	-31.0	14.0
120	-29.0	17.0
130	-26.0	19.0
140	-22.0	21.0
150	-20.0	21.0
160	-16.0	21.0
170	-13.0	21.0
180	-12.0	21.0
190	-13.0	22.0
200	-14.0	21.0
250	-8.0	21.0
300	-8.0	18.0
350	-15.0	18.0
400	-11.0	19.0
450	-3.0	18.0
500	3.0	5.0
550	6.0	-6.0
600	7.0	-11.0
650	8.0	-7.0
700	12.0	-2.0
750	16.0	0.0
770	17.0	-2.0

RES-STACS21-85 PEGASUS 39 STN 26
R/V RESEARCHER JDAY 247 TIME 1730Z
Latitude 29.032 N Longitude 079.448 W



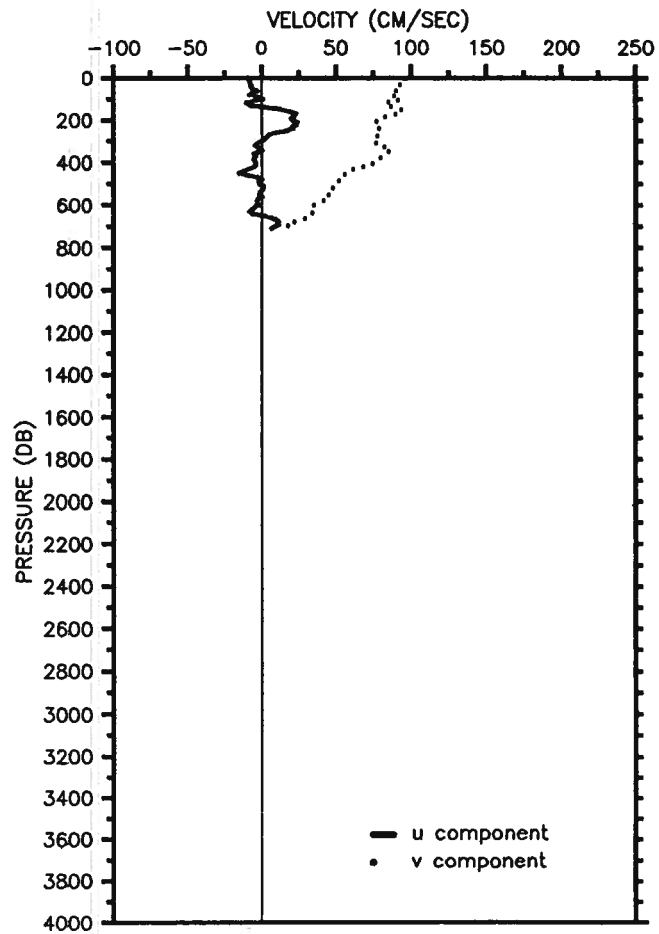
Prs	U	V
40	-32.0	25.0
50	-33.0	24.0
60	-29.0	25.0
70	-16.0	32.0
80	-18.0	36.0
90	-16.0	40.0
100	-21.0	42.0
110	-17.0	46.0
120	-20.0	51.0
130	-23.0	49.0
140	-26.0	36.0
150	-21.0	40.0
160	-17.0	46.0
170	-6.0	48.0
180	8.0	51.0
190	11.0	50.0
200	21.0	50.0
250	16.0	57.0
300	24.0	51.0
350	11.0	45.0
400	4.0	42.0
450	10.0	45.0
500	11.0	38.0
550	10.0	28.0
600	15.0	12.0
650	17.0	17.0
700	11.0	13.0
750	8.0	6.0

RES-STACS21-85 PEGASUS 40 STN 6
R/V RESEARCHER JDAY 248 TIME 1003Z
Latitude 27.002 N Longitude 079.379 W



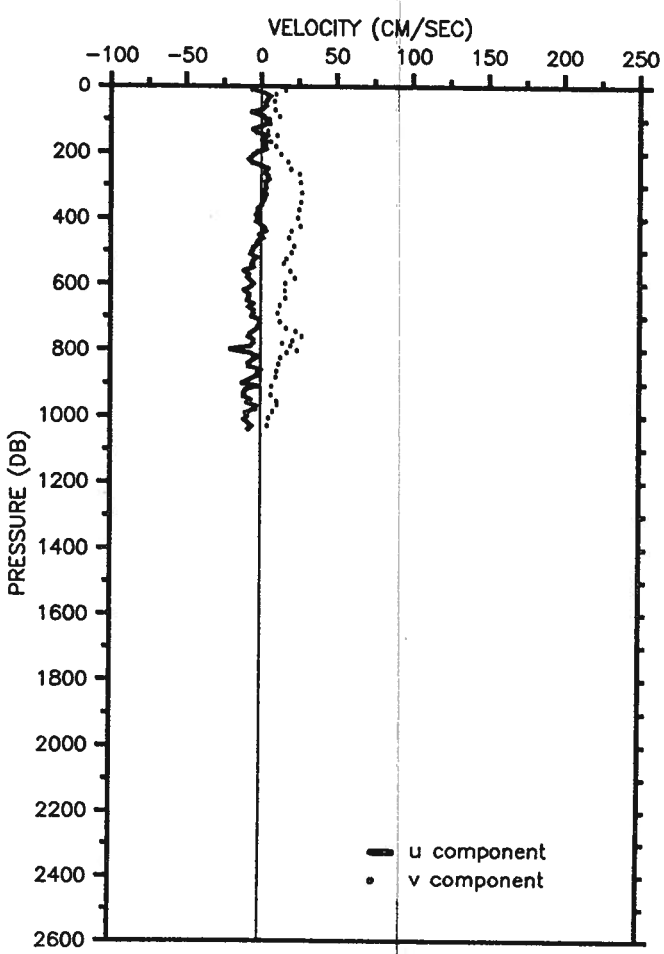
Prs	U	V
10	-5.0	88.0
20	-3.0	99.0
30	1.0	100.0
40	-3.0	91.0
50	-4.0	89.0
60	-2.0	90.0
70	0.0	89.0
80	-1.0	82.0
90	-4.0	77.0
100	-9.0	76.0
110	-9.0	77.0
120	-6.0	81.0
130	-8.0	88.0
140	-7.0	87.0
150	-3.0	85.0
160	-2.0	83.0
170	-4.0	84.0
180	-10.0	85.0
190	-16.0	85.0
200	-21.0	86.0
250	-19.0	83.0
300	-9.0	69.0
350	-7.0	62.0
400	0.0	55.0
450	1.0	48.0
500	4.0	48.0
550	-1.0	33.0
600	-9.0	22.0
650	-2.0	14.0

RES-STACS21-85 PEGASUS 41 STN 5
R/V RESEARCHER JDAY 248 TIME 1317Z
Latitude 27.001 N Longitude 079.508 W



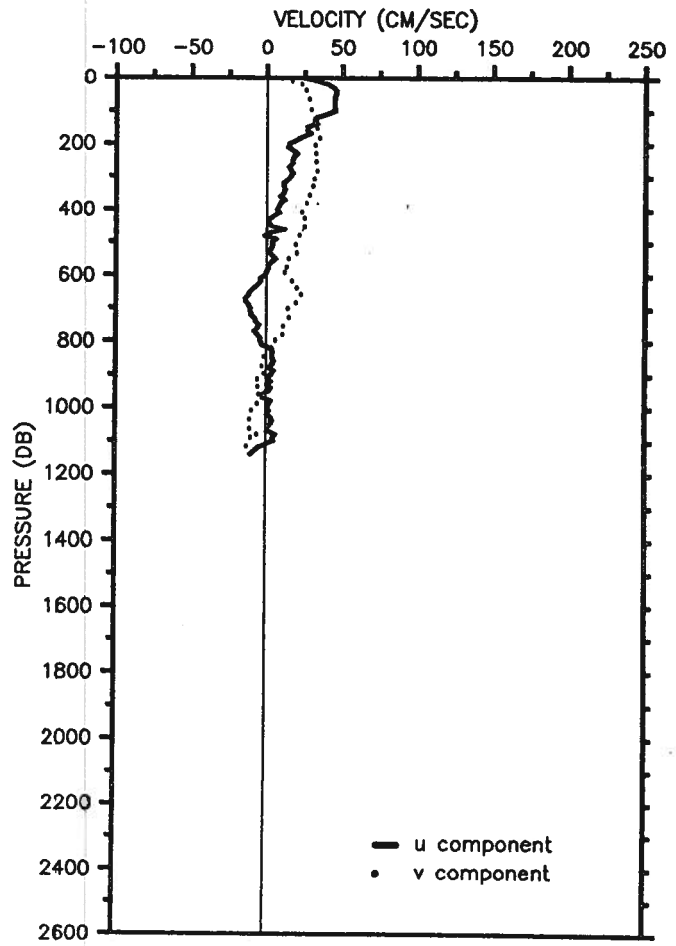
Prs	U	V
0	-9.0	96.0
10	-8.0	97.0
20	-8.0	96.0
30	-7.0	92.0
40	-7.0	90.0
50	-6.0	91.0
60	-3.0	90.0
70	-6.0	87.0
80	-8.0	88.0
90	-3.0	93.0
100	1.0	93.0
110	-5.0	87.0
120	-10.0	83.0
130	-7.0	85.0
140	3.0	90.0
150	12.0	94.0
160	19.0	94.0
170	23.0	90.0
180	22.0	85.0
190	20.0	80.0
200	21.0	77.0
250	16.0	80.0
300	0.0	76.0
350	-2.0	83.0
400	-4.0	75.0
450	-15.0	56.0
500	-1.0	49.0
550	-1.0	45.0
600	-2.0	34.0
650	2.0	32.0
700	9.0	19.0
710	7.0	20.0

VK-STACS22-85 PEGASUS 1 STN 19
R/V VIRGINIA KEY JDAY 301 TIME 2011Z
Latitude 26.544 N Longitude 076.852 W



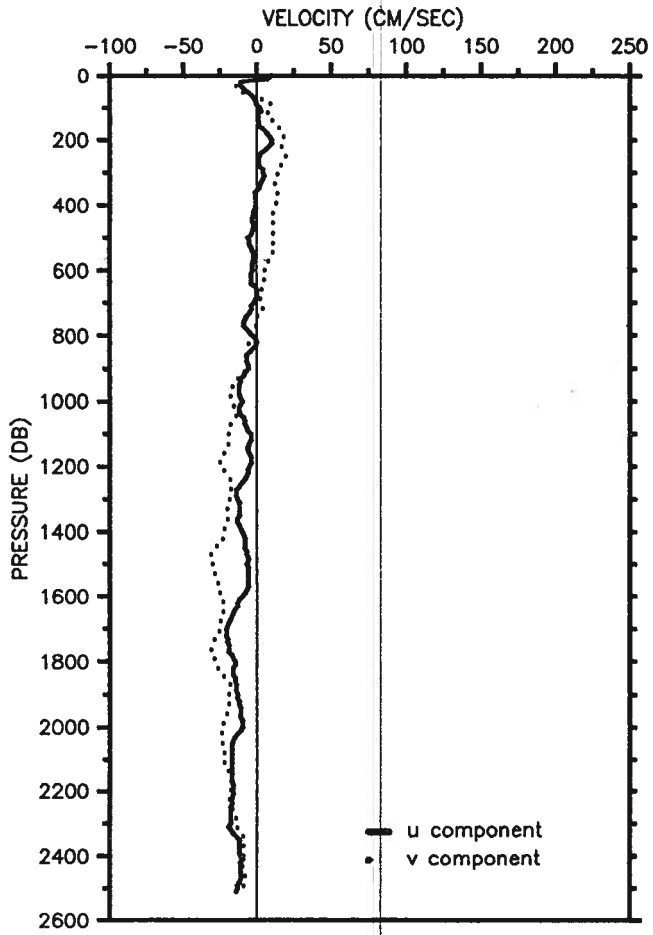
Prs	U	V
10	-6.0	16.0
20	2.0	11.0
30	6.0	7.0
40	4.0	8.0
50	3.0	10.0
60	3.0	9.0
70	1.0	9.0
80	-6.0	13.0
90	1.0	12.0
100	3.0	3.0
110	5.0	6.0
120	1.0	5.0
130	-5.0	3.0
140	-3.0	6.0
150	4.0	11.0
160	1.0	10.0
170	3.0	5.0
180	2.0	10.0
190	3.0	10.0
200	-3.0	12.0
250	4.0	20.0
300	3.0	26.0
350	1.0	26.0
400	-2.0	24.0
450	-1.0	17.0
500	-6.0	20.0
550	-5.0	17.0
600	-5.0	16.0
650	-9.0	17.0
700	-6.0	13.0
750	-7.0	28.0
800	-20.0	25.0
850	-8.0	10.0
900	-12.0	7.0
950	-7.0	8.0
1000	-9.0	7.0
1040	-8.0	8.0

VK-STACS22-85 PEGASUS 2 STN 19
R/V VIRGINIA KEY JDAY 302 TIME 1659Z
Latitude 26.544 N Longitude 076.852 W



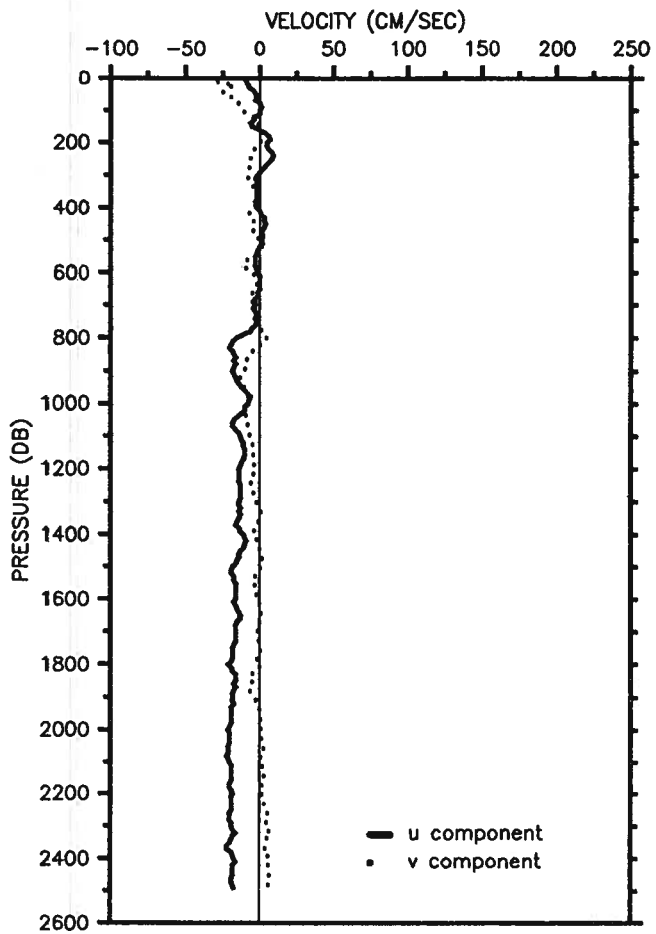
Prs	U	V
0	24.0	10.0
10	33.0	19.0
20	41.0	26.0
30	44.0	25.0
40	46.0	27.0
50	46.0	27.0
60	45.0	28.0
70	45.0	28.0
80	45.0	29.0
90	45.0	29.0
100	45.0	30.0
110	40.0	31.0
120	33.0	31.0
130	32.0	32.0
140	33.0	32.0
150	27.0	33.0
160	27.0	33.0
170	29.0	34.0
180	23.0	35.0
190	19.0	34.0
200	15.0	31.0
250	17.0	32.0
300	16.0	33.0
350	11.0	28.0
400	7.0	24.0
450	3.0	25.0
500	4.0	19.0
550	6.0	14.0
600	-1.0	14.0
650	-11.0	24.0
700	-11.0	14.0
750	-5.0	11.0
800	-4.0	5.0
850	4.0	-2.0
900	3.0	-2.0
950	2.0	-6.0
1000	1.0	-10.0
1140	-10.0	-9.0

VK-STACS22-85 PEGASUS 3 STN 18
R/V VIRGINIA KEY JDAY 302 TIME 1920Z
Latitude 26.526 N Longitude 076.752 W



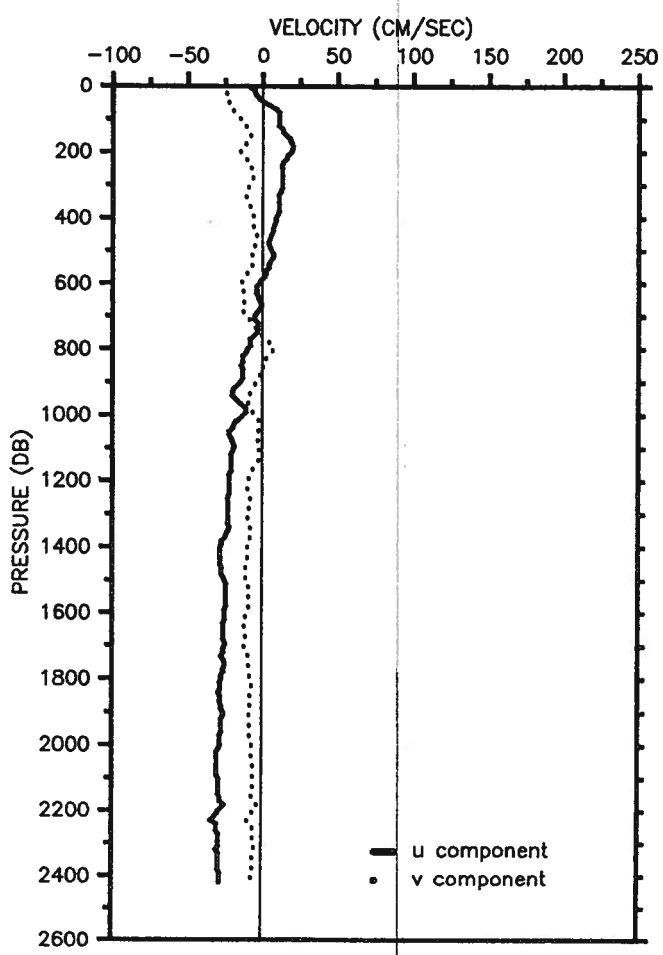
Prs	U	V
0	10.0	-16.0
10	7.0	-16.0
20	-11.0	-15.0
30	-11.0	-14.0
40	-9.0	-12.0
50	-7.0	-10.0
60	-4.0	-6.0
70	-2.0	1.0
80	-1.0	7.0
90	0.0	10.0
100	2.0	9.0
110	3.0	8.0
120	1.0	7.0
130	1.0	8.0
140	1.0	11.0
150	1.0	13.0
160	2.0	15.0
170	5.0	16.0
180	7.0	17.0
190	9.0	18.0
200	10.0	18.0
250	2.0	20.0
300	4.0	14.0
350	1.0	13.0
400	-1.0	13.0
450	-3.0	11.0
500	-6.0	11.0
550	-2.0	11.0
600	-3.0	5.0
650	-1.0	4.0
700	-2.0	4.0
750	-8.0	-1.0
800	-3.0	-6.0
850	-5.0	-4.0
900	-6.0	-7.0
950	-12.0	-16.0
1000	-10.0	-17.0
1500	-7.0	-30.0
2000	-10.0	-23.0
2500	-13.0	-9.0
2510	-14.0	-9.0

VK-STACS22-85 PEGASUS 4 STN 16
R/V VIRGINIA KEY JDAY 303 TIME 0033Z
Latitude 26.548 N Longitude 076.522 W



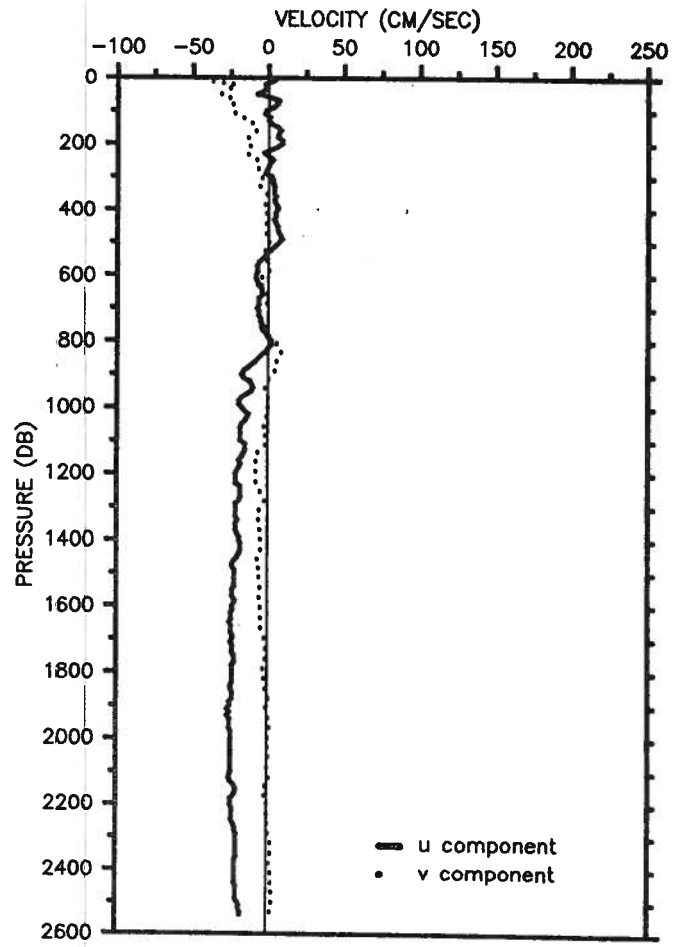
Prs	U	V
10	-9.0	-28.0
20	-8.0	-17.0
30	-7.0	-22.0
40	-4.0	-25.0
50	-3.0	-24.0
60	-2.0	-19.0
70	-3.0	-16.0
80	0.0	-14.0
90	1.0	-13.0
100	0.0	-11.0
110	0.0	-8.0
120	-3.0	-4.0
130	-4.0	-1.0
140	-6.0	-1.0
150	-5.0	-2.0
160	-1.0	-1.0
170	3.0	1.0
180	6.0	2.0
190	7.0	2.0
200	5.0	-1.0
250	8.0	-7.0
300	-2.0	-8.0
350	-2.0	-3.0
400	-2.0	-6.0
450	4.0	-3.0
500	2.0	1.0
550	-3.0	-5.0
600	-1.0	-4.0
650	0.0	-4.0
700	-3.0	-4.0
750	-2.0	-2.0
800	-15.0	5.0
850	-17.0	-7.0
900	-18.0	-10.0
950	-12.0	-10.0
1000	-8.0	-9.0
1500	-18.0	1.0
2000	-21.0	1.0
2490	-17.0	7.0

VK-STACS22-85 PEGASUS 5 STN 15
R/V VIRGINIA KEY JDAY 303 TIME 0419Z
Latitude 26.528 N Longitude 076.380 W



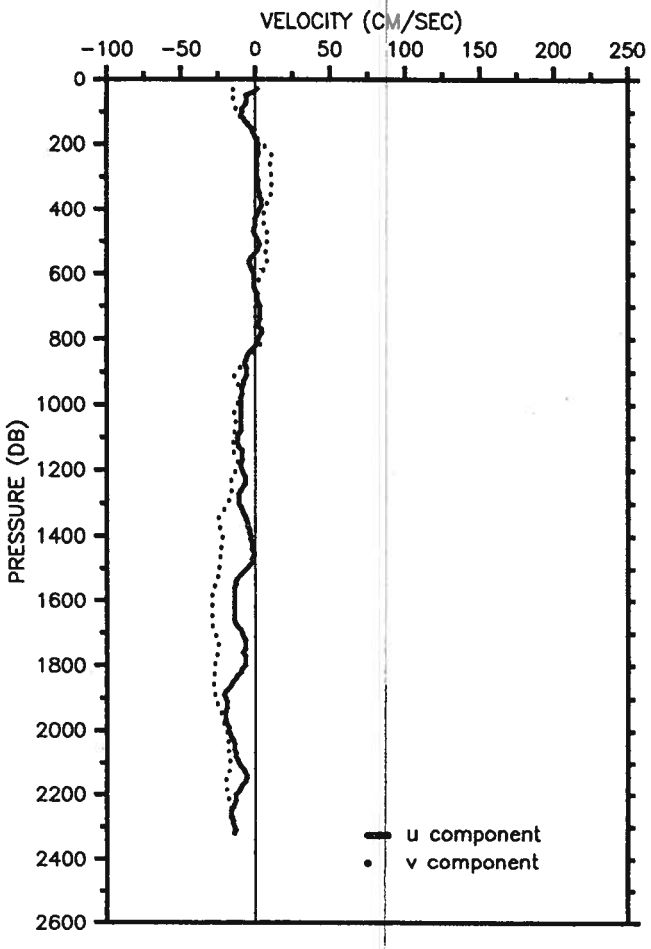
Prs	U	V
0	-10.0	-25.0
10	-6.0	-27.0
20	-5.0	-24.0
30	-4.0	-25.0
40	-2.0	-24.0
50	1.0	-22.0
60	5.0	-20.0
70	9.0	-20.0
80	11.0	-19.0
90	11.0	-17.0
100	11.0	-13.0
110	11.0	-12.0
120	11.0	-11.0
130	13.0	-10.0
140	14.0	-9.0
150	16.0	-8.0
160	18.0	-8.0
170	19.0	-10.0
180	20.0	-13.0
190	20.0	-15.0
200	19.0	-15.0
250	13.0	-7.0
300	13.0	-9.0
350	11.0	-9.0
400	9.0	-6.0
450	6.0	-4.0
500	6.0	-7.0
550	4.0	-7.0
600	-2.0	-14.0
650	-2.0	-12.0
700	-5.0	-10.0
750	-4.0	-1.0
800	-10.0	7.0
850	-14.0	0.0
900	-15.0	-4.0
950	-18.0	-10.0
1000	-13.0	-4.0
1500	-25.0	-11.0
2000	-28.0	-7.0
2420	-28.0	-8.0

VK-STACS22-85 PEGASUS 6 STN 16
R/V VIRGINIA KEY JDAY 303 TIME 0753Z
Latitude 26.548 N Longitude 076.522 W



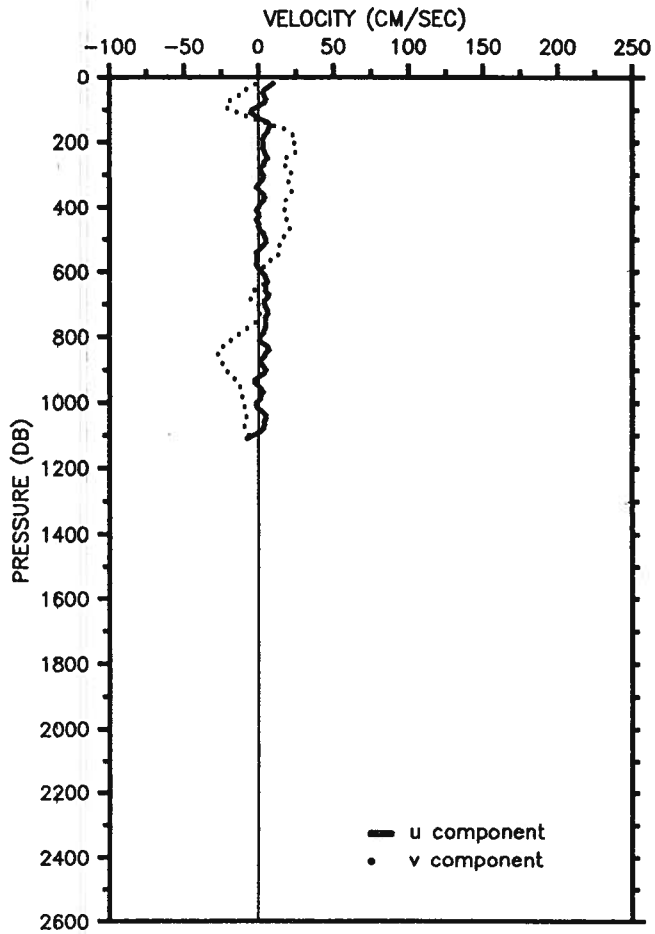
Prs	U	V
0	6.0	-43.0
10	3.0	-36.0
20	-2.0	-21.0
30	-1.0	-25.0
40	-3.0	-27.0
50	-7.0	-31.0
60	1.0	-25.0
70	7.0	-22.0
80	6.0	-23.0
90	3.0	-22.0
100	-1.0	-23.0
110	-2.0	-21.0
120	1.0	-16.0
130	0.0	-12.0
140	2.0	-9.0
150	6.0	-7.0
160	8.0	-8.0
170	7.0	-11.0
180	6.0	-13.0
190	9.0	-11.0
200	9.0	-11.0
250	3.0	-6.0
300	2.0	-4.0
350	4.0	-1.0
400	6.0	0.0
450	6.0	-2.0
500	7.0	0.0
550	-4.0	-1.0
600	-8.0	-2.0
650	-4.0	-1.0
700	-7.0	-5.0
750	-4.0	-1.0
800	2.0	5.0
850	-6.0	7.0
900	-17.0	4.0
950	-11.0	-2.0
1000	-17.0	0.0
1500	-22.0	-4.0
2000	-24.0	0.0
2500	-19.0	4.0
2540	-17.0	0.0

VK-STACS22-85 PEGASUS 7 STN 18
R/V VIRGINIA KEY JDAY 303 TIME 1340Z
Latitude 26.526 N Longitude 076.752 W



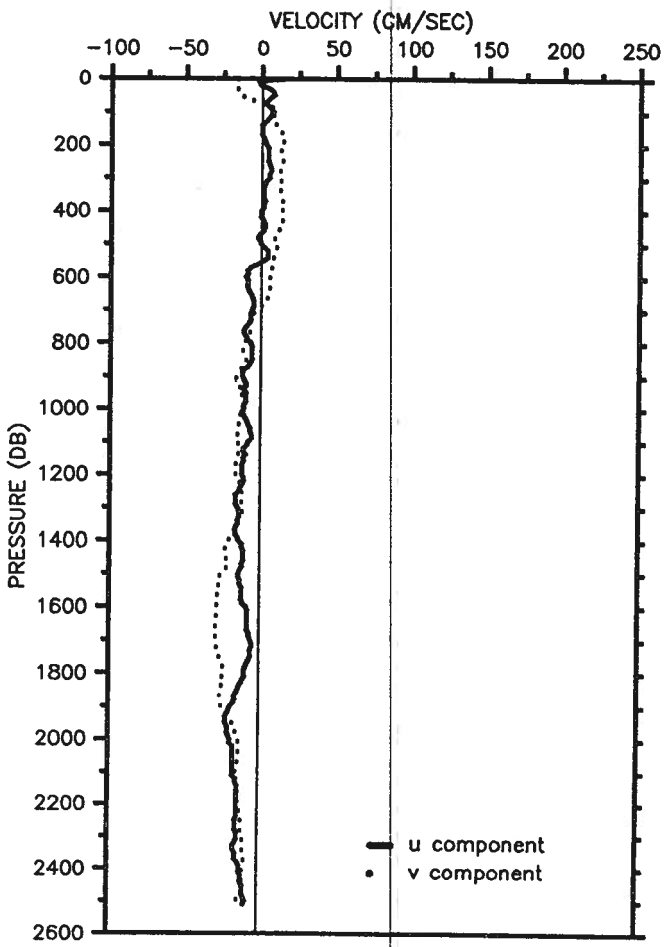
Prs	U	V
30	1.0	-15.0
40	-1.0	-16.0
50	-6.0	-16.0
60	-6.0	-15.0
70	-6.0	-14.0
80	-7.0	-14.0
90	-9.0	-13.0
100	-9.0	-12.0
110	-10.0	-11.0
120	-8.0	-9.0
130	-7.0	-6.0
140	-5.0	-2.0
150	-3.0	0.0
160	-2.0	0.0
170	-1.0	1.0
180	0.0	2.0
190	1.0	3.0
200	2.0	6.0
250	1.0	11.0
300	1.0	11.0
350	3.0	11.0
400	3.0	7.0
450	0.0	6.0
500	2.0	8.0
550	-3.0	7.0
600	-1.0	4.0
650	0.0	0.0
700	3.0	0.0
750	2.0	1.0
800	2.0	4.0
850	-5.0	-3.0
900	-6.0	-13.0
950	-9.0	-10.0
1000	-10.0	-13.0
1500	-6.0	-24.0
2000	-18.0	-19.0
2320	-14.0	-12.0

VK-STACS22-85 PEGASUS 8 STN 19
R/V VIRGINIA KEY JDAY 303 TIME 1651Z
Latitude 26.544 N Longitude 076.852 W



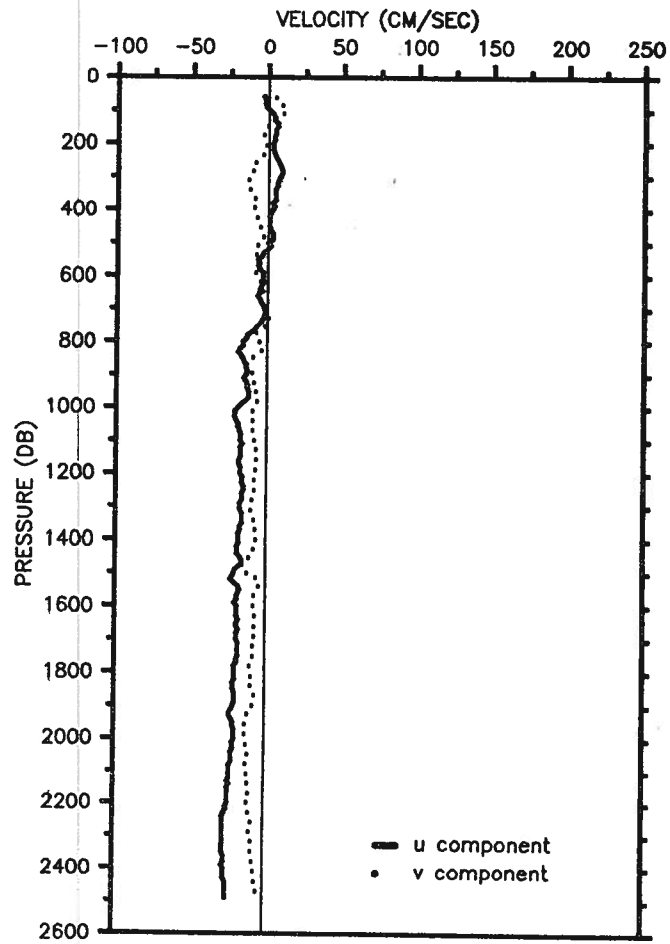
Prs	U	V
20	10.0	-2.0
30	7.0	-6.0
40	4.0	-9.0
50	3.0	-11.0
60	4.0	-14.0
70	5.0	-18.0
80	4.0	-21.0
90	0.0	-22.0
100	-4.0	-18.0
110	-5.0	-12.0
120	-2.0	-7.0
130	2.0	-2.0
140	6.0	5.0
150	8.0	11.0
160	7.0	17.0
170	6.0	21.0
180	4.0	24.0
190	3.0	25.0
200	3.0	24.0
250	6.0	17.0
300	3.0	20.0
350	1.0	22.0
400	0.0	17.0
450	0.0	20.0
500	5.0	15.0
550	-1.0	13.0
600	2.0	5.0
650	5.0	-1.0
700	4.0	0.0
750	5.0	-1.0
800	1.0	-16.0
850	5.0	-27.0
900	5.0	-21.0
950	0.0	-12.0
1000	-1.0	-10.0
1110	-7.0	-5.0

VK-STACS22-85 PEGASUS 9 STN 18
R/V VIRGINIA KEY JDAY 303 TIME 2107Z
Latitude 26.526 N Longitude 076.752 W



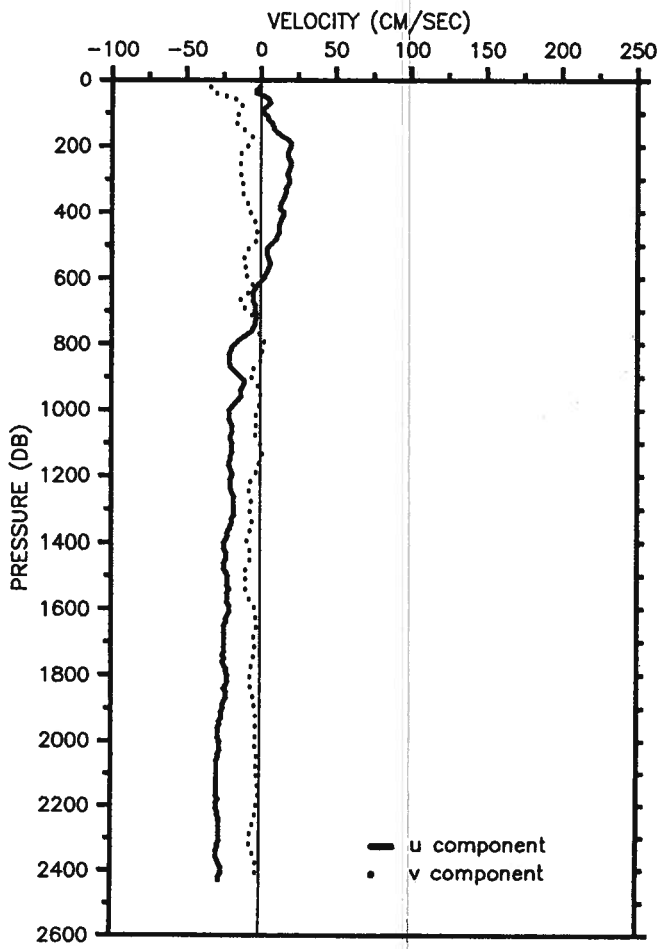
Prs	U	V
0	16.0	-16.0
10	-2.0	-17.0
20	-1.0	-16.0
30	4.0	-16.0
40	7.0	-16.0
50	8.0	-13.0
60	5.0	-9.0
70	3.0	-2.0
80	3.0	5.0
90	6.0	9.0
100	7.0	9.0
110	6.0	7.0
120	4.0	7.0
130	2.0	8.0
140	0.0	10.0
150	0.0	12.0
160	0.0	13.0
170	0.0	14.0
180	1.0	15.0
190	2.0	14.0
200	3.0	12.0
250	4.0	14.0
300	5.0	12.0
350	1.0	13.0
400	0.0	14.0
450	2.0	12.0
500	0.0	11.0
550	1.0	8.0
600	-10.0	6.0
650	-7.0	5.0
700	-6.0	-3.0
750	-10.0	-6.0
800	-7.0	-11.0
850	-6.0	-10.0
900	-12.0	-16.0
950	-10.0	-13.0
1000	-11.0	-12.0
1500	-14.0	-26.0
2000	-19.0	-13.0
2500	-8.0	-13.0
2510	-9.0	-13.0

VK-STACS22-85 PEGASUS 10 STN 16
R/V VIRGINIA KEY JDAY 304 TIME 0120Z
Latitude 26.548 N Longitude 076.522 W



Prs	U	V
60	-3.0	5.0
70	-2.0	6.0
80	-2.0	8.0
90	-1.0	11.0
100	1.0	11.0
110	3.0	10.0
120	4.0	8.0
130	4.0	4.0
140	6.0	1.0
150	6.0	-1.0
160	5.0	-3.0
170	5.0	-3.0
180	4.0	-3.0
190	4.0	-2.0
200	3.0	-1.0
250	6.0	-7.0
300	8.0	-13.0
350	5.0	-11.0
400	3.0	-9.0
450	1.0	-5.0
500	0.0	-5.0
550	-6.0	-6.0
600	-3.0	-7.0
650	-5.0	-3.0
700	-2.0	-2.0
750	-6.0	-1.0
800	-16.0	-5.0
850	-16.0	-11.0
900	-14.0	-9.0
950	-12.0	-7.0
1000	-19.0	-8.0
1500	-21.0	-12.0
2000	-20.0	-13.0
2490	-25.0	-4.0

VK-STACS22-85 PEGASUS 11 STN 15
R/V VIRGINIA KEY JDAY 304 TIME 0502Z
Latitude 26.528 N Longitude 076.380 W

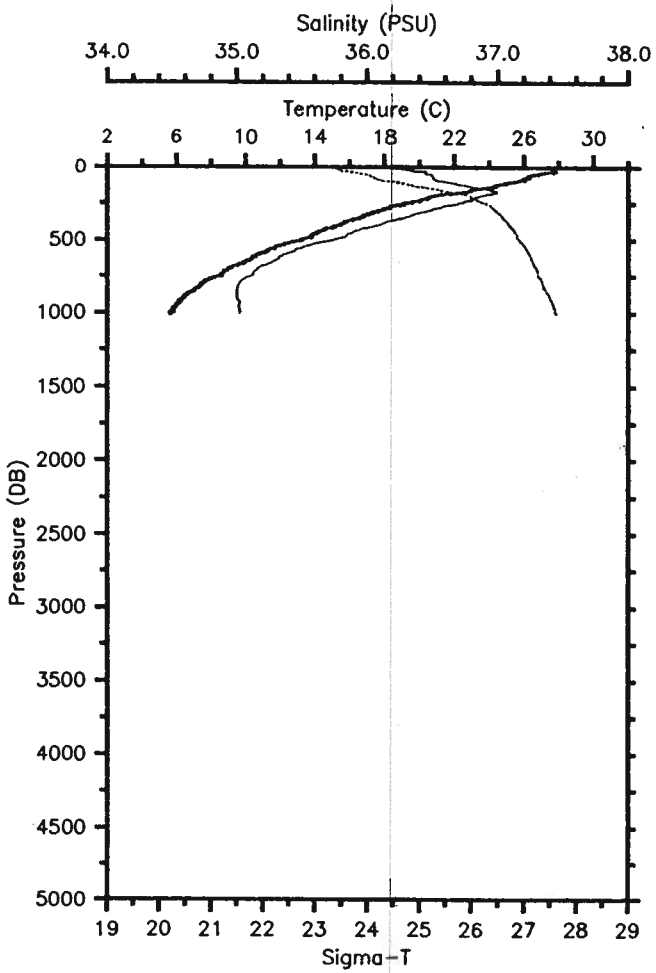


Prs	U	V
20	-1.0	-34.0
30	-3.0	-34.0
40	-3.0	-30.0
50	2.0	-22.0
60	5.0	-16.0
70	6.0	-12.0
80	4.0	-13.0
90	1.0	-14.0
100	2.0	-15.0
110	4.0	-16.0
120	5.0	-15.0
130	7.0	-16.0
140	8.0	-14.0
150	9.0	-11.0
160	11.0	-8.0
170	14.0	-6.0
180	18.0	-7.0
190	20.0	-8.0
200	20.0	-9.0
250	20.0	-14.0
300	19.0	-13.0
350	16.0	-12.0
400	15.0	-7.0
450	12.0	-3.0
500	6.0	-7.0
550	6.0	-10.0
600	2.0	-9.0
650	-5.0	-10.0
700	-4.0	-8.0
750	-5.0	-3.0
800	-17.0	3.0
850	-21.0	0.0
900	-13.0	-6.0
950	-13.0	0.0
1000	-21.0	-2.0
1500	-22.0	-10.0
2000	-27.0	-3.0
2430	-27.0	-5.0

APPENDIX B: CTD DATA

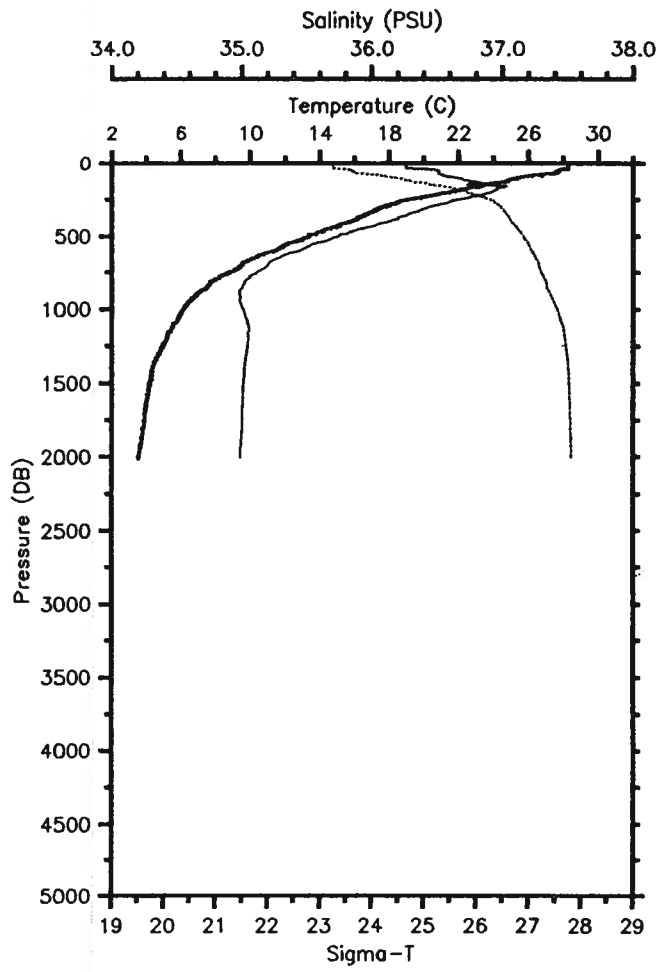
Casts are presented by cruise and increasing cast number. Julian day and time, cruise number and vessel, and position are given at the top of each plot. Temperature (T), salinity (S) and sigma-t (ST) profiles are shown for each cast.

RES-STACS17-84 CTD 1 RESEARCHER
Date 08 28 84 Latitude 19.400 N
Time 0430 Z Longitude 69.205 W



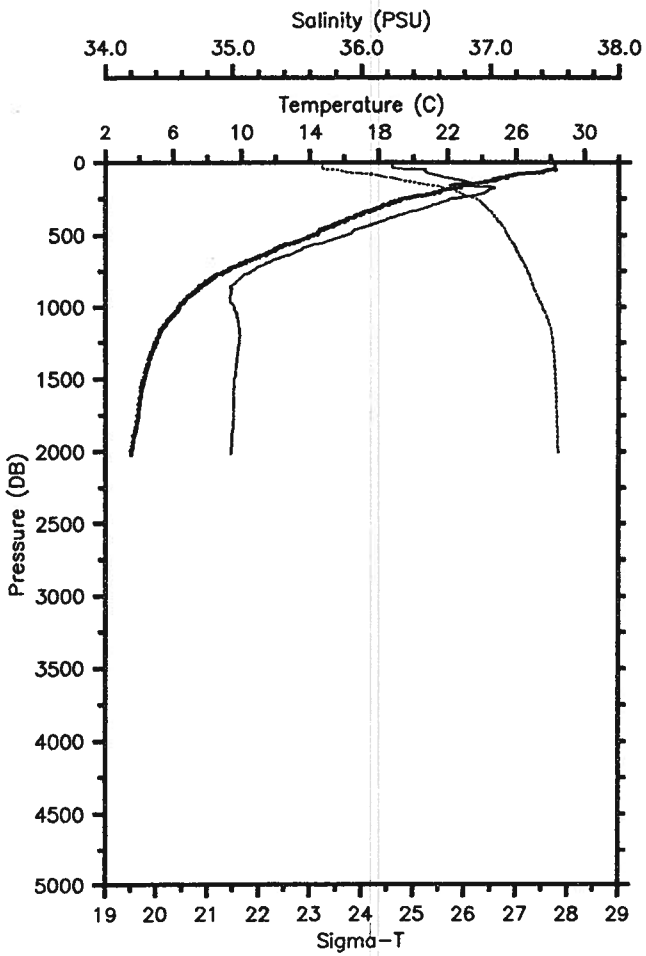
Prs	Tem	Sal	SigT
0	27.67	36.092	23.33
10	27.70	36.186	23.39
20	27.72	36.284	23.46
30	27.72	36.376	23.52
40	27.12	36.443	23.77
50	26.60	36.484	23.97
60	26.32	36.501	24.07
70	26.17	36.507	24.12
80	26.05	36.515	24.16
90	25.86	36.531	24.24
100	25.34	36.588	24.44
110	24.91	36.661	24.63
120	24.53	36.713	24.78
130	24.28	36.769	24.90
140	23.82	36.859	25.10
150	23.40	36.910	25.27
160	22.99	36.947	25.42
170	22.57	36.999	25.58
180	22.06	36.980	25.71
190	21.29	36.922	25.88
200	20.80	36.868	25.97
250	19.14	36.698	26.28
300	17.65	36.469	26.49
350	16.51	36.281	26.61
400	15.34	36.086	26.73
450	14.15	35.888	26.84
500	13.30	35.750	26.91
550	11.78	35.522	27.04
600	10.78	35.379	27.11
650	10.05	35.287	27.17
700	8.99	35.159	27.24
750	8.55	35.114	27.28
800	7.53	35.023	27.36
850	7.01	35.000	27.42
900	6.44	35.005	27.50
950	6.00	35.016	27.57
1000	5.70	35.025	27.61
1006	5.66	35.025	27.62

RES-STACS17-84 CTD 2 RESEARCHER
Date 08 28 84 Latitude 19.523 N
Time 0641 Z Longitude 69.158 W



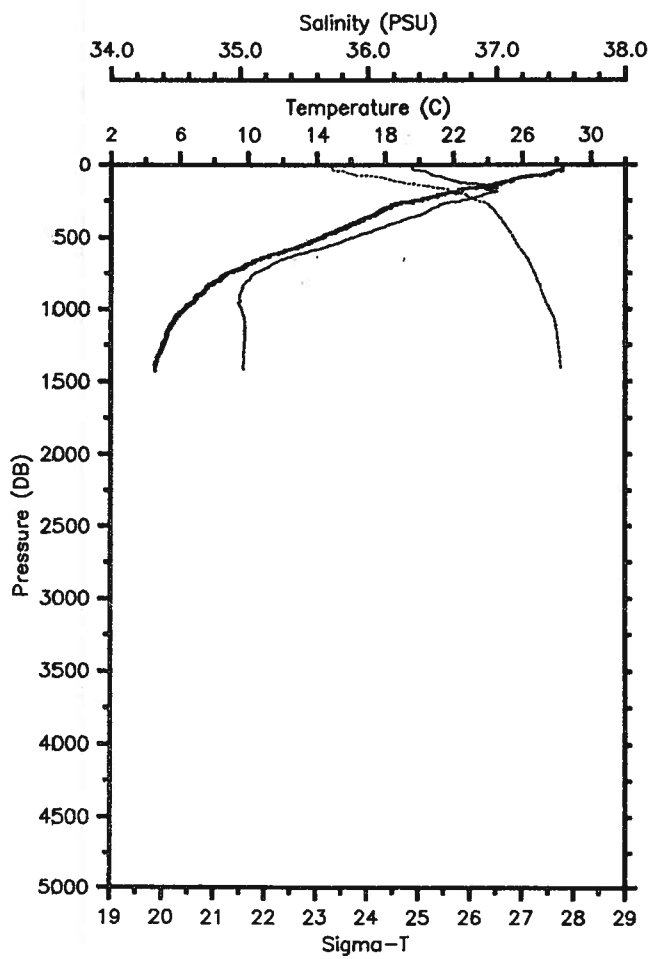
Prs	Tem	Sal	SigT
0	28.27	36.277	23.27
10	28.28	36.266	23.26
20	28.29	36.265	23.25
30	28.28	36.265	23.25
40	28.12	36.365	23.38
50	27.73	36.514	23.63
60	27.63	36.516	23.66
70	27.39	36.510	23.73
80	26.53	36.535	24.03
90	25.99	36.563	24.22
100	25.34	36.655	24.49
110	25.04	36.695	24.61
120	24.81	36.738	24.71
130	24.49	36.794	24.86
140	23.69	36.760	25.07
150	23.51	36.844	25.18
160	23.28	37.026	25.39
170	22.68	36.988	25.54
180	22.15	36.959	25.67
190	21.88	36.945	25.73
200	21.51	36.917	25.81
250	19.12	36.686	26.27
300	17.62	36.444	26.47
350	16.63	36.280	26.59
400	15.77	36.135	26.67
450	14.49	35.921	26.79
500	13.39	35.750	26.90
550	12.24	35.574	26.99
600	11.35	35.451	27.06
650	10.22	35.287	27.14
700	9.47	35.198	27.20
750	8.78	35.118	27.25
800	7.93	35.040	27.32
850	7.53	35.008	27.35
900	6.93	34.985	27.42
950	6.48	34.989	27.48
1000	6.13	35.014	27.55
1500	4.23	35.016	27.77
2000	3.57	34.990	27.82
2008	3.55	34.989	27.82

RES-STACS17-84 CTD 3 RESEARCHER
Date 08 28 84 Latitude 19.651 N
Time 0919 Z Longitude 69.078 W



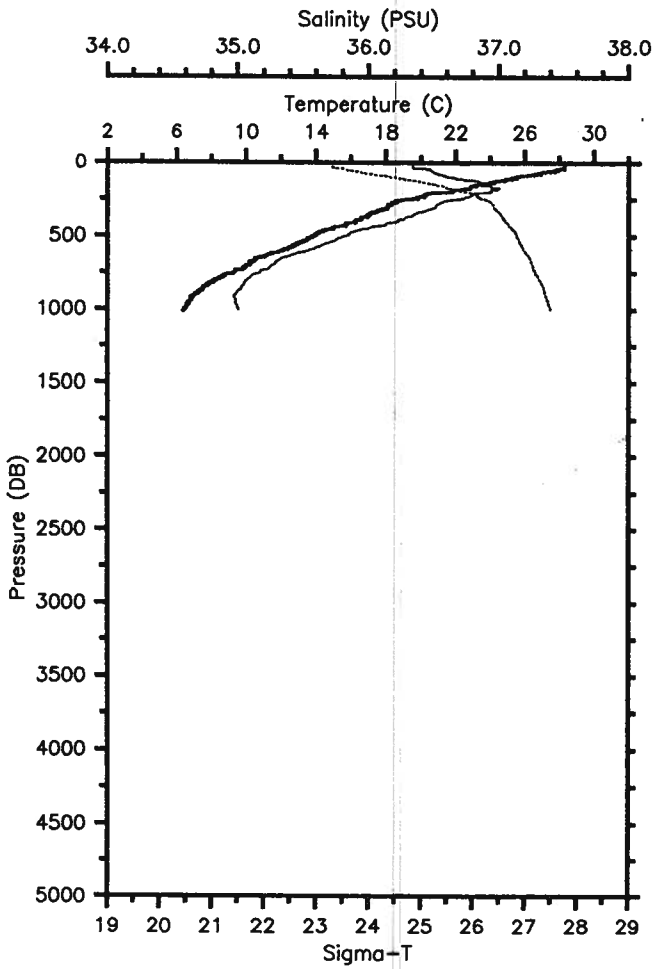
Prs	Tem	Sal	SigT
0	28.24	36.248	23.26
10	28.25	36.238	23.25
20	28.25	36.239	23.25
30	28.26	36.239	23.24
40	28.26	36.241	23.25
50	28.12	36.497	23.48
60	27.73	36.492	23.61
70	27.41	36.502	23.72
80	26.33	36.534	24.09
90	25.82	36.576	24.28
100	25.49	36.628	24.42
110	25.10	36.676	24.58
120	24.78	36.744	24.73
130	24.46	36.795	24.87
140	24.05	36.842	25.02
150	23.26	36.732	25.17
160	22.69	36.681	25.30
170	22.67	36.970	25.52
180	22.40	37.034	25.65
190	21.89	38.995	25.77
200	21.57	36.976	25.84
250	19.51	36.708	28.20
300	18.20	36.539	26.40
350	17.09	36.352	26.53
400	16.07	36.185	26.64
450	14.94	36.005	26.76
500	14.22	35.884	26.82
550	13.10	35.711	26.92
600	12.01	35.537	27.01
650	11.04	35.398	27.08
700	9.94	35.252	27.16
750	9.06	35.146	27.22
800	8.24	35.057	27.28
850	7.58	34.985	27.32
900	7.18	34.991	27.39
950	6.72	34.981	27.44
1000	6.36	35.012	27.52
1500	4.29	35.016	27.77
2000	3.55	34.986	27.82
2016	3.54	34.986	27.82

RES-STACS17-84 CTD 4 RESEARCHER
Date 08 28 84 Latitude 19.787 N
Time 1143 Z Longitude 69.050 W



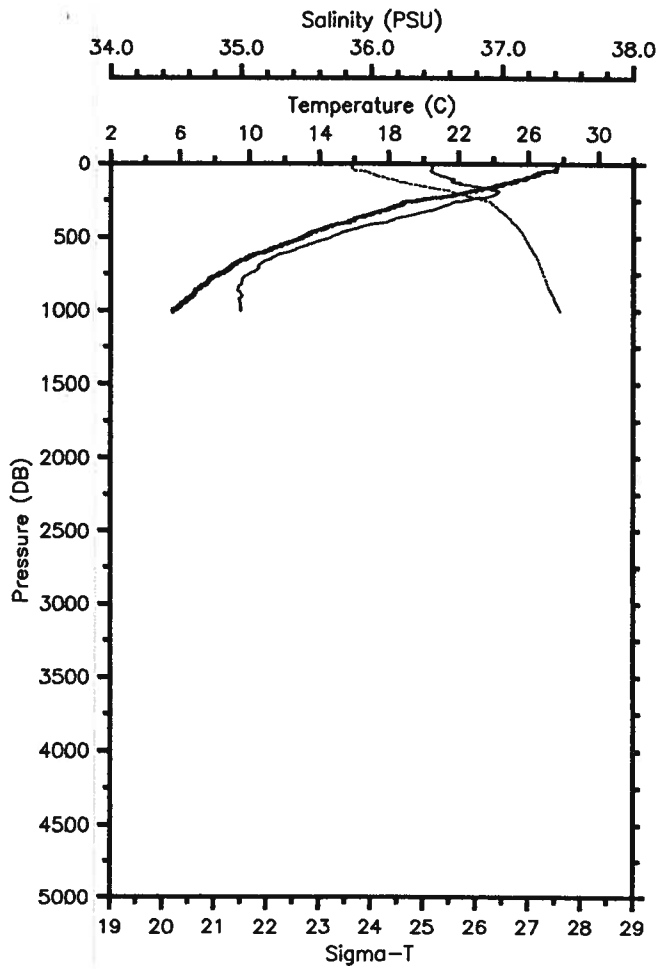
Prs	Tem	Sal	SigT
0	28.37	36.356	23.30
10	28.36	36.351	23.29
20	28.35	36.346	23.29
30	28.34	36.348	23.30
40	28.26	36.370	23.34
50	27.81	36.460	23.56
60	27.62	36.478	23.63
70	27.30	36.497	23.75
80	26.50	36.554	24.05
90	25.89	36.585	24.27
100	25.54	36.626	24.40
110	25.39	36.651	24.47
120	24.94	36.699	24.64
130	24.80	36.785	24.75
140	24.41	36.879	24.94
150	23.86	36.984	25.19
160	23.37	37.003	25.35
170	22.46	36.910	25.54
180	22.41	36.972	25.60
190	22.15	36.996	25.69
200	21.56	36.932	25.81
250	19.65	36.721	26.17
300	18.03	36.507	26.42
350	17.30	36.407	26.52
400	16.25	36.222	26.63
450	15.20	36.049	26.74
500	14.22	35.882	26.82
550	13.24	35.725	26.91
600	12.03	35.537	27.00
650	10.70	35.349	27.10
700	9.76	35.230	27.17
750	8.75	35.113	27.25
800	8.10	35.058	27.30
850	7.51	35.018	27.36
900	7.03	34.996	27.41
950	6.76	34.997	27.45
1000	6.21	35.016	27.54
1418	4.58	35.029	27.75

RES-STACS17-84 CTD 5 RESEARCHER
Date 08 28 84 Latitude 19.830 N
Time 1406 Z Longitude 69.042 W



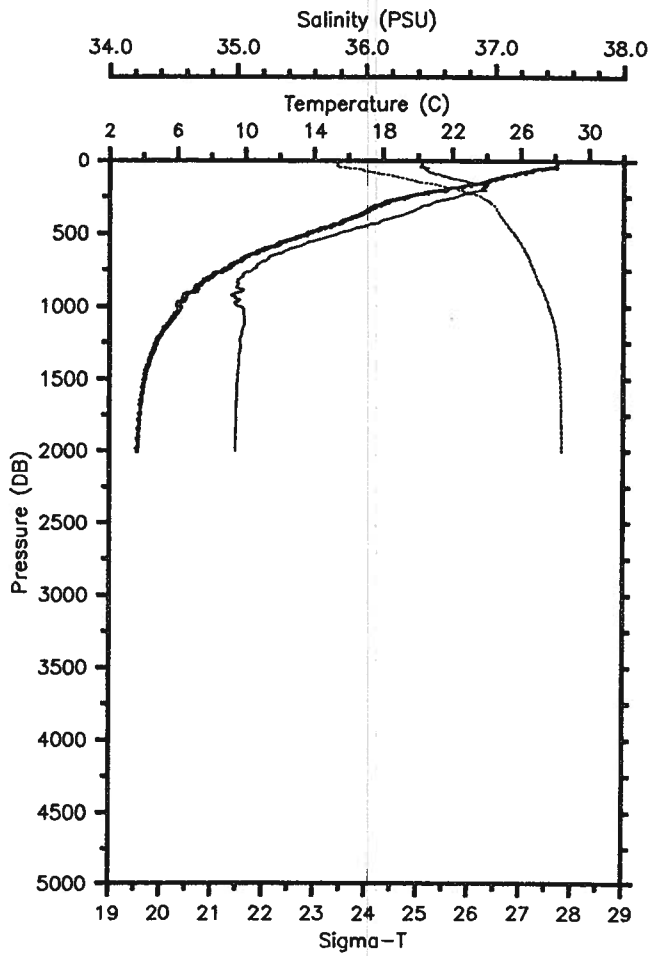
Prs	Tem	Sal	SigT
0	28.30	36.322	23.29
10	28.29	36.339	23.31
20	28.29	36.339	23.31
30	28.28	36.339	23.31
40	28.15	36.349	23.36
50	27.76	36.468	23.58
60	27.35	36.486	23.73
70	26.95	36.509	23.87
80	26.51	36.544	24.04
90	25.62	36.590	24.29
100	25.47	36.645	24.44
110	25.11	36.672	24.57
120	24.69	36.798	24.80
130	24.22	36.863	24.99
140	23.82	36.891	25.13
150	23.21	36.855	25.28
160	22.92	36.935	25.43
170	22.83	36.949	25.46
180	22.40	36.986	25.62
190	21.81	36.941	25.75
200	21.58	36.938	25.81
250	19.29	36.681	26.23
300	18.09	36.513	26.41
350	17.05	36.353	26.54
400	16.27	36.223	26.63
450	14.88	35.988	26.76
500	13.87	35.823	26.85
550	12.99	35.680	26.92
600	12.06	35.539	27.00
650	10.69	35.346	27.10
700	10.10	35.271	27.15
750	9.30	35.171	27.20
800	8.24	35.074	27.30
850	7.55	35.031	27.37
900	7.07	34.986	27.40
950	6.74	34.986	27.44
1000	6.46	35.008	27.50
1006	6.40	35.010	27.51

RES-STACS17-84 CTD 6 RESEARCHER
Date 08 28 84 Latitude 19.948 N
Time 2350 Z Longitude 70.827 W



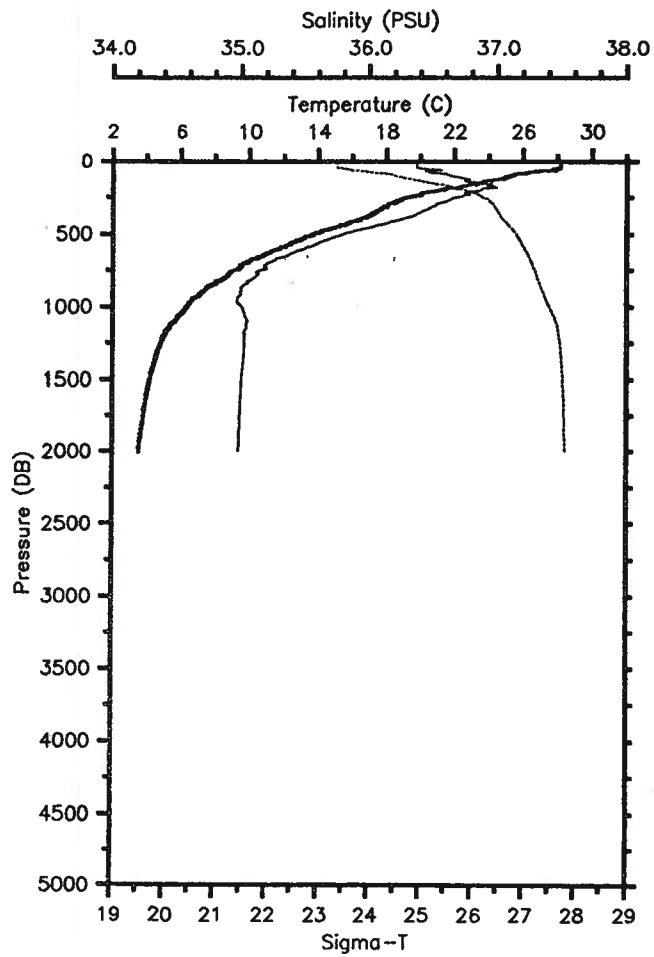
Prs	Tem	Sal	SigT
0	27.61	36.470	23.63
10	27.62	36.469	23.63
20	27.61	36.468	23.63
30	27.59	36.467	23.63
40	27.56	36.465	23.64
50	26.92	36.464	23.85
60	26.62	36.471	23.95
70	26.49	36.495	24.01
80	26.30	36.520	24.09
90	26.03	36.567	24.21
100	25.85	36.604	24.29
110	25.37	36.607	24.45
120	25.25	36.632	24.50
130	24.79	36.651	24.66
140	24.54	36.673	24.75
150	24.18	36.761	24.92
160	23.96	36.834	25.05
170	23.45	36.882	25.23
180	22.96	36.936	25.42
190	22.68	36.974	25.52
200	22.28	36.966	25.63
250	19.65	36.723	26.17
300	18.16	36.520	26.40
350	16.83	36.315	26.57
400	15.68	36.121	26.68
450	14.11	35.860	26.83
500	13.06	35.695	26.92
550	11.91	35.522	27.01
600	10.91	35.380	27.09
650	9.76	35.230	27.17
700	8.98	35.136	27.23
750	8.29	35.069	27.28
800	7.64	35.010	27.34
850	7.08	34.984	27.40
900	6.74	35.017	27.47
950	6.13	34.996	27.53
1000	5.62	34.999	27.60
1004	5.59	35.002	27.61

RES-STACS17-84 CTD 7 RESEARCHER
Date 08 29 84 Latitude 20.120 N
Time 0200 Z Longitude 70.837 W



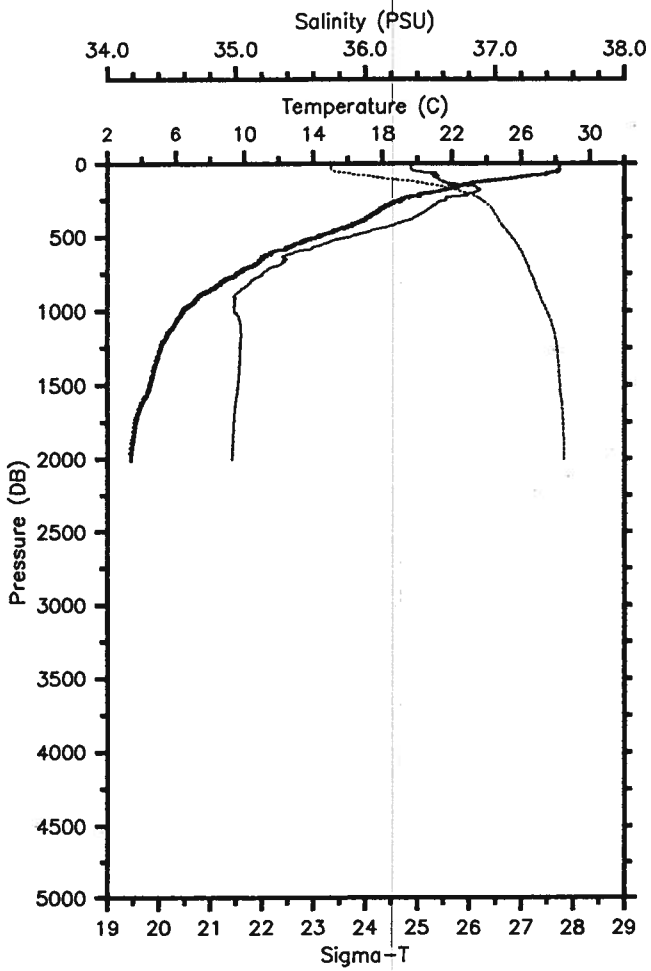
Prs	Tem	Sal	SigT
0	28.10	36.427	23.44
10	28.10	36.430	23.44
20	28.10	36.430	23.44
30	28.10	36.429	23.44
40	28.06	36.421	23.45
50	27.48	36.455	23.66
60	26.82	36.460	23.88
70	26.52	36.475	23.98
80	26.15	36.497	24.12
90	25.76	36.532	24.27
100	25.16	36.585	24.49
110	24.91	36.629	24.60
120	24.58	36.662	24.73
130	24.31	36.732	24.86
140	24.13	36.778	24.95
150	23.82	36.822	25.08
160	23.32	36.875	25.27
170	22.76	36.926	25.47
180	22.44	36.930	25.56
190	21.85	36.905	25.71
200	21.67	36.911	25.76
250	19.40	36.707	26.22
300	17.90	36.495	26.44
350	17.03	36.358	26.55
400	16.02	36.177	26.65
450	14.95	35.999	26.75
500	13.64	35.788	26.87
550	12.44	35.604	26.97
600	11.36	35.440	27.05
650	10.24	35.288	27.14
700	9.44	35.189	27.19
750	8.76	35.125	27.26
800	8.00	35.047	27.31
850	7.39	35.011	27.37
900	6.99	35.037	27.45
950	6.38	35.001	27.50
1000	6.07	35.014	27.56
1500	4.09	35.004	27.78
2000	3.66	34.989	27.81
2002	3.65	34.989	27.81

RES-STACS17-84 CTD 8 RESEARCHER
Date 08 29 84 Latitude 20.302 N
Time 0449 Z Longitude 70.837 W



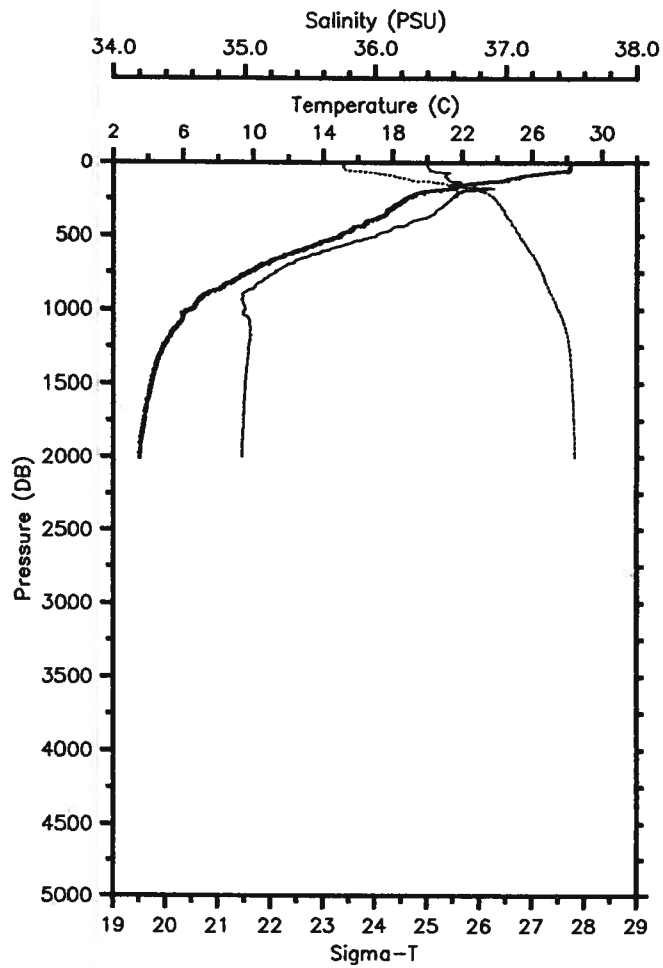
Prs	Tem	Sal	SigT
0	28.17	36.370	23.37
10	28.17	36.372	23.37
20	28.18	36.373	23.37
30	28.18	36.372	23.37
40	28.18	36.373	23.37
50	27.82	36.424	23.53
60	27.87	36.568	23.62
70	26.51	36.472	23.99
80	26.04	36.510	24.16
90	25.43	36.613	24.43
100	25.19	36.649	24.53
110	24.90	36.708	24.67
120	24.65	36.763	24.78
130	24.18	36.773	24.93
140	23.75	36.786	25.07
150	23.43	36.891	25.24
160	22.98	36.952	25.42
170	22.46	36.941	25.56
180	22.22	36.989	25.67
190	21.47	36.878	25.80
200	21.09	36.867	25.89
250	19.23	36.671	26.24
300	18.08	36.521	26.42
350	17.34	36.405	26.51
400	16.47	36.257	26.61
450	15.08	36.021	26.74
500	13.71	35.795	26.86
550	12.69	35.636	26.95
600	11.72	35.496	27.03
650	10.71	35.355	27.11
700	9.63	35.203	27.17
750	9.03	35.147	27.23
800	8.54	35.103	27.27
850	7.75	35.024	27.33
900	7.18	34.999	27.39
950	6.60	34.967	27.45
1000	6.31	35.009	27.52
1500	4.20	35.007	27.77
2000	3.56	34.984	27.82

RES-STACS17-84 CTD 9 RESEARCHER
Date 08 29 84 Latitude 20.483 N
Time 0657 Z Longitude 70.825 W



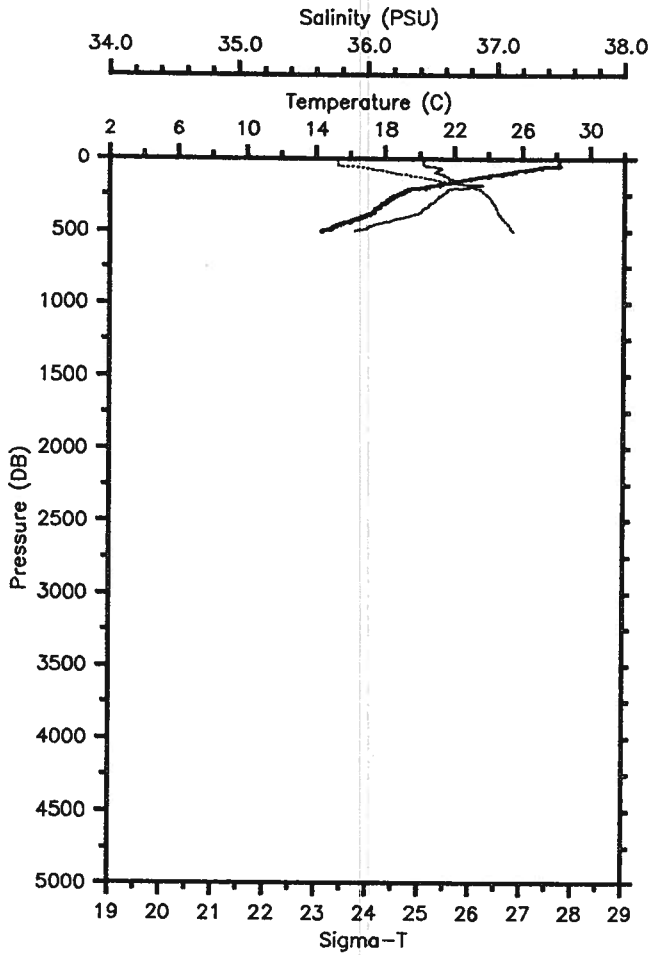
Prs	Tem	Sal	SigT
0	28.21	36.348	23.34
10	28.22	36.353	23.34
20	28.22	36.354	23.34
30	28.23	36.354	23.34
40	28.22	36.357	23.34
50	28.15	36.390	23.39
60	27.87	36.437	23.52
70	27.51	36.542	23.72
80	26.82	36.551	23.95
90	26.20	36.567	24.15
100	25.58	36.552	24.34
110	24.95	36.570	24.55
120	24.13	36.590	24.81
130	23.34	36.594	25.05
140	23.23	36.701	25.18
150	22.46	36.641	25.34
160	22.41	36.844	25.50
170	22.17	36.855	25.58
180	21.75	36.884	25.72
190	21.40	36.878	25.82
200	20.90	36.848	25.93
250	19.07	36.620	26.24
300	18.04	36.508	26.42
350	17.35	36.414	26.52
400	16.63	36.287	26.59
450	15.42	36.081	26.71
500	14.23	35.886	26.82
550	12.98	35.675	26.92
600	11.72	35.471	27.01
650	11.05	35.395	27.07
700	10.34	35.308	27.13
750	9.48	35.200	27.20
800	8.68	35.114	27.26
850	8.06	35.045	27.30
900	7.31	34.985	27.36
950	6.94	34.992	27.42
1000	6.40	34.987	27.49
1500	4.51	35.019	27.75
2000	3.38	34.972	27.83
2002	3.38	34.973	27.83

RES-STACS17-84 CTD 10 RESEARCHER
Date 08 29 84 Latitude 20.672 N
Time 0943 Z Longitude 70.817 W



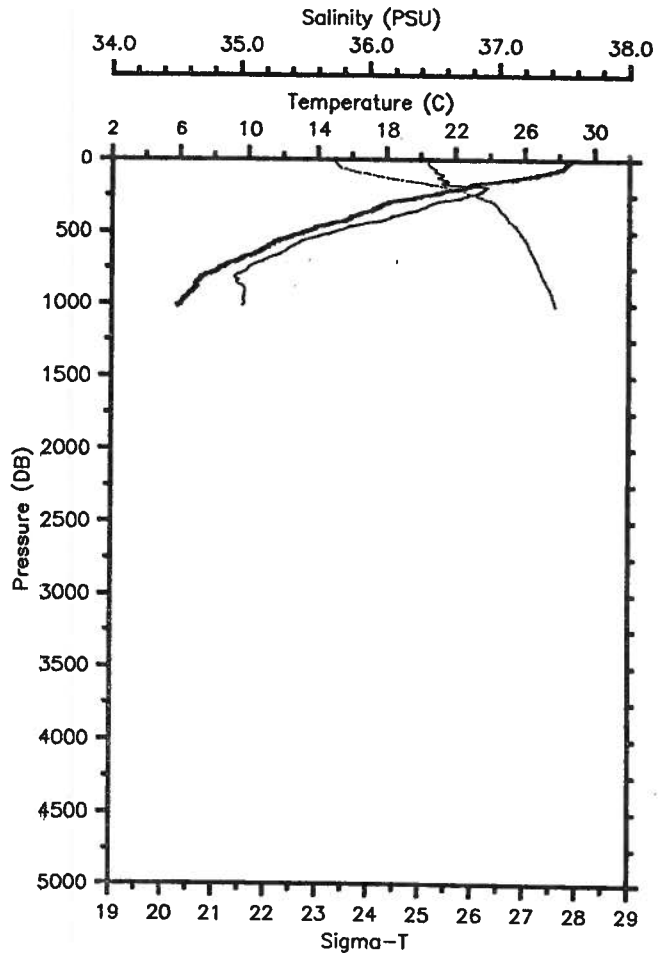
Prs	Tem	Sal	SigT
0	28.19	36.398	23.39
10	28.20	36.402	23.39
20	28.20	36.402	23.39
30	28.20	36.404	23.39
40	28.17	36.414	23.40
50	28.11	36.417	23.43
60	27.90	36.445	23.52
70	26.87	36.570	23.95
80	26.25	36.548	24.12
90	25.67	36.540	24.30
100	25.25	36.544	24.43
110	24.75	36.558	24.60
120	24.56	36.564	24.66
130	24.06	36.589	24.83
140	23.21	36.655	25.13
150	22.29	36.614	25.36
160	21.70	36.599	25.52
170	21.40	36.689	25.67
180	21.45	36.900	25.82
190	20.76	36.806	25.94
200	19.86	36.654	26.06
250	18.74	36.581	26.30
300	18.13	36.518	26.40
350	17.62	36.451	26.48
400	16.62	36.285	26.59
450	15.70	36.129	26.69
500	15.01	36.010	26.75
550	13.84	35.817	26.85
600	12.71	35.635	26.94
650	11.50	35.462	27.04
700	10.45	35.325	27.13
750	9.69	35.242	27.19
800	8.93	35.144	27.24
850	8.16	35.072	27.31
900	7.17	34.981	27.38
950	6.80	34.987	27.44
1000	6.43	35.013	27.51
1500	4.21	35.007	27.77
2000	3.53	34.983	27.82

RES-STACS17-84 CTD 11 RESEARCHER
Date 08 29 84 Latitude 20.742 N
Time 1108 Z Longitude 70.812 W



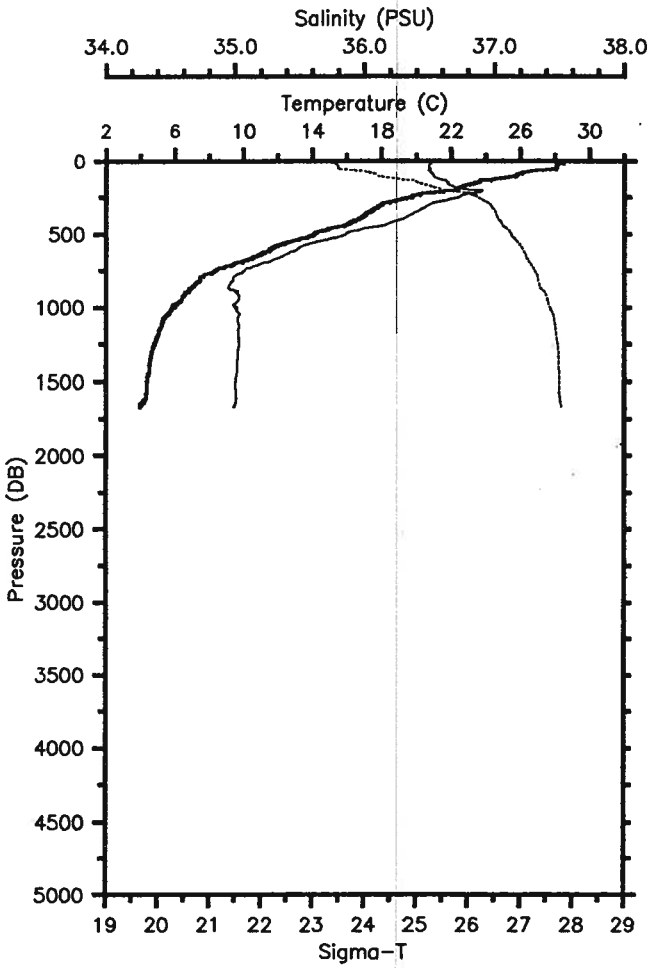
Prs	Tem	Sal	SigT
0	28.15	36.427	23.42
10	28.16	36.428	23.42
20	28.16	36.426	23.42
30	28.16	36.427	23.42
40	28.16	36.428	23.42
50	28.06	36.469	23.48
60	27.07	36.512	23.84
70	26.60	36.573	24.03
80	26.06	36.549	24.19
90	25.50	36.535	24.35
100	25.08	36.539	24.48
110	24.57	36.573	24.66
120	24.05	36.585	24.83
130	23.35	36.618	25.06
140	22.97	36.633	25.18
150	22.48	36.635	25.32
160	22.05	36.670	25.48
170	21.66	36.722	25.62
180	21.25	36.886	25.86
190	20.65	36.840	25.99
200	20.33	36.788	26.04
250	18.71	36.574	26.30
300	18.05	36.510	28.42
350	17.42	36.421	26.51
400	16.76	36.310	26.58
450	15.43	36.077	26.71
500	14.34	35.901	26.81
502	14.31	35.897	26.81

RES-STACS17-84 CTD 12 RESEARCHER
Date 08 29 84 Latitude 20.150 N
Time 2218 Z Longitude 72.992 W



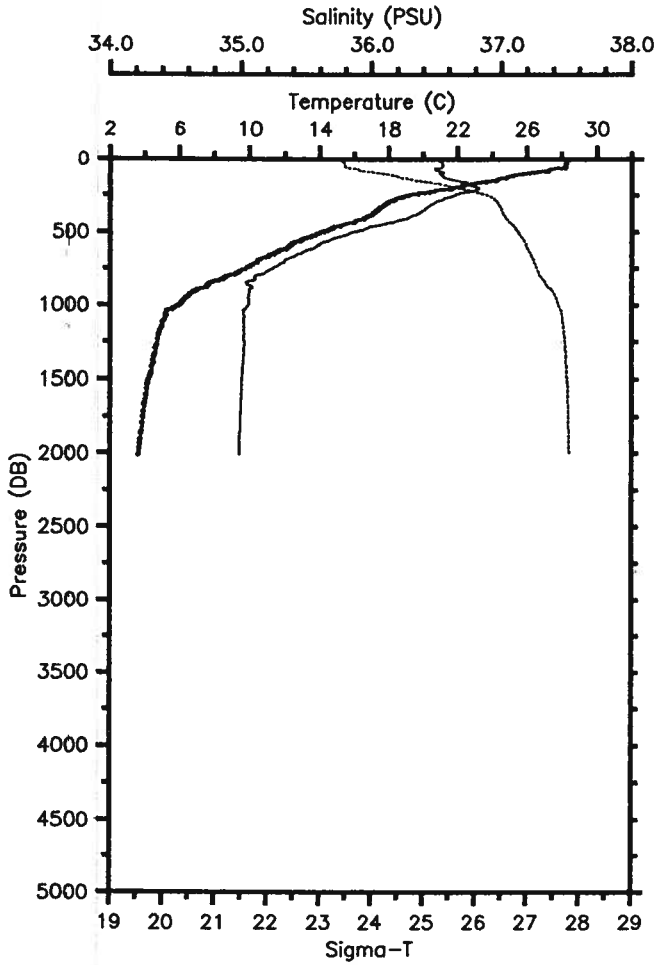
Prs	Tem	Sal	SigT
0	28.64	36.435	23.27
10	28.64	36.445	23.27
20	28.45	36.456	23.34
30	28.40	36.458	23.36
40	28.31	36.465	23.40
50	28.26	36.477	23.42
60	28.20	36.493	23.46
70	27.90	36.520	23.57
80	27.83	36.516	23.66
90	27.29	36.517	23.77
100	26.78	36.565	23.97
110	26.56	36.569	24.04
120	25.95	36.548	24.22
130	25.50	36.544	24.36
140	24.89	36.570	24.57
150	24.27	36.606	24.78
160	23.50	36.581	24.99
170	22.99	36.586	25.14
180	22.81	36.738	25.31
190	22.73	36.895	25.45
200	22.34	36.897	25.57
250	20.17	36.756	26.06
300	18.12	36.515	26.41
350	17.19	36.379	26.53
400	15.96	36.168	26.66
450	14.53	35.932	26.79
500	13.28	35.730	26.90
550	11.97	35.525	27.00
600	11.13	35.409	27.07
650	10.34	35.315	27.14
700	9.35	35.182	27.20
750	8.33	35.063	27.27
800	7.46	34.971	27.33
850	6.97	34.970	27.40
900	6.77	35.038	27.48
950	6.38	35.029	27.53
1000	6.03	35.030	27.57
1012	5.86	35.017	27.58

RES-STACS17-84 CTD 13 RESEARCHER
Date 08 29 84 Latitude 20.243 N
Time 2341 Z Longitude 72.996 W



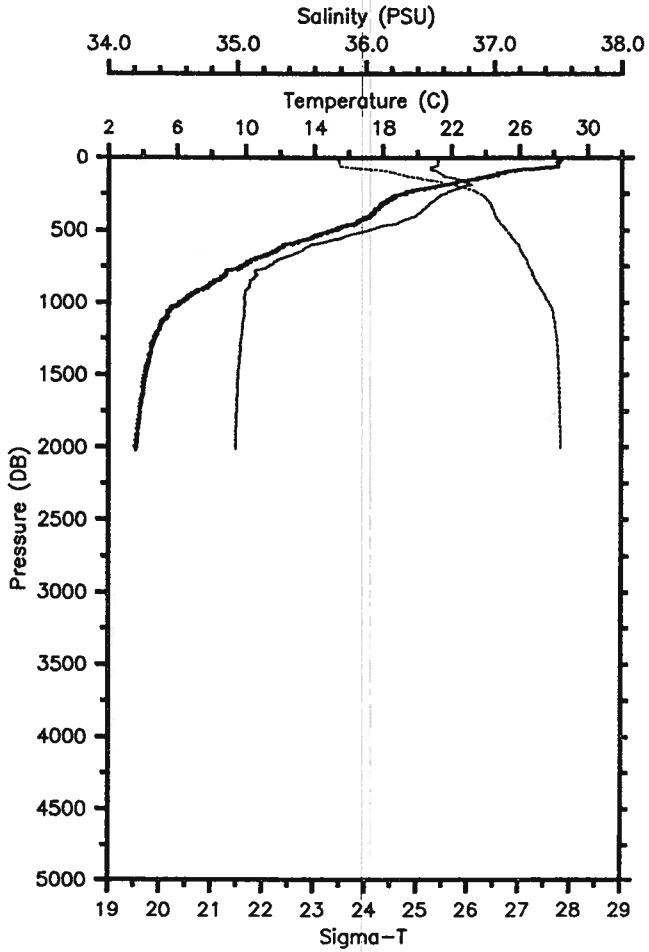
Prs	Tem	Sal	SigT
0	28.49	36.517	23.38
10	28.50	36.507	23.36
20	28.19	36.511	23.47
30	28.11	36.500	23.49
40	28.10	36.501	23.49
50	28.08	36.501	23.50
60	27.51	36.497	23.68
70	26.59	36.513	23.99
80	26.15	36.513	24.13
90	25.90	36.524	24.22
100	25.79	36.533	24.26
110	25.45	36.541	24.37
120	24.84	36.562	24.57
130	24.35	36.603	24.75
140	23.66	36.636	24.98
150	23.44	36.638	25.05
160	23.19	36.641	25.13
170	22.83	36.669	25.25
180	22.64	36.694	25.33
190	22.39	36.748	25.44
200	22.33	36.819	25.51
250	19.73	36.733	26.16
300	18.02	36.508	26.42
350	17.30	36.403	26.52
400	16.69	36.295	26.58
450	15.59	36.105	26.69
500	14.09	35.856	26.83
550	12.84	35.660	26.94
600	11.64	35.492	27.04
650	10.74	35.372	27.11
700	9.48	35.205	27.20
750	8.34	35.074	27.28
800	7.51	34.988	27.34
850	7.10	34.957	27.37
900	6.63	35.014	27.48
950	6.38	35.029	27.53
1000	5.88	35.006	27.57
1500	4.39	35.006	27.75
1670	3.96	34.983	27.78

RES-STACS17-84 CTD 14 RESEARCHER
Date 08 30 84 Latitude 20.370 N
Time 1645 Z Longitude 73.048 W



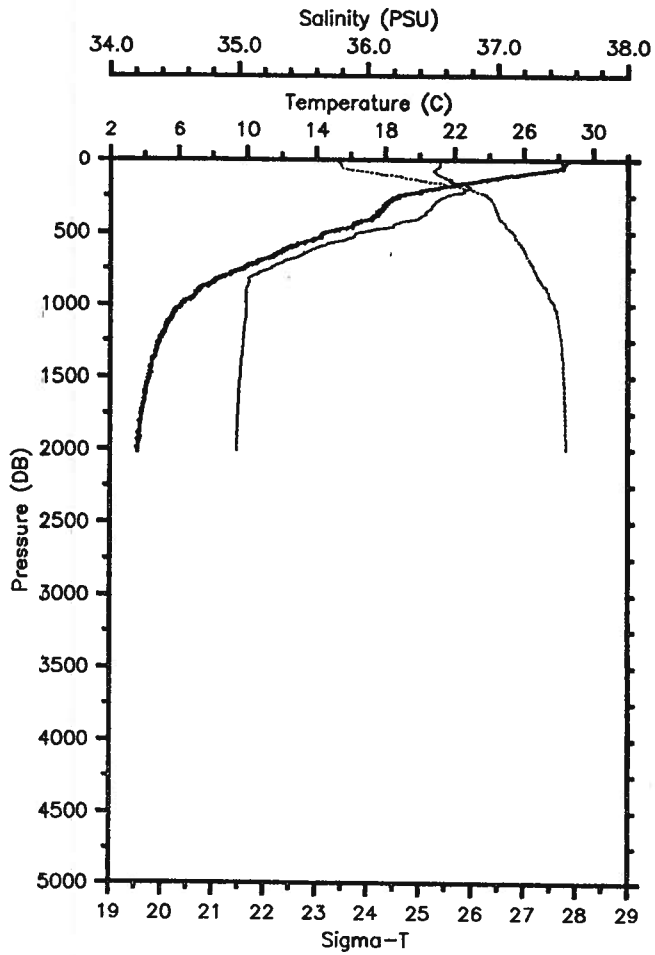
Prs	Tem	Sal	SigT
0	28.32	36.459	23.39
10	28.33	36.510	23.43
20	28.29	36.539	23.46
30	28.27	36.551	23.48
40	28.24	36.553	23.49
50	28.21	36.551	23.49
60	28.17	36.544	23.50
70	27.41	36.502	23.72
80	27.26	36.506	23.77
90	26.65	36.549	24.00
100	25.88	36.530	24.23
110	25.38	36.548	24.40
120	25.04	36.555	24.51
130	24.74	36.571	24.61
140	24.34	36.611	24.76
150	24.01	36.671	24.91
160	23.42	36.739	25.13
170	22.86	36.705	25.27
180	22.36	36.765	25.46
190	22.25	36.806	25.52
200	21.72	36.813	25.68
250	19.11	36.641	26.25
300	17.93	36.493	26.43
350	17.37	36.410	26.51
400	16.67	36.294	26.59
450	15.44	36.085	26.71
500	14.10	35.860	26.83
550	13.01	35.694	26.93
600	12.23	35.573	26.99
650	11.26	35.438	27.07
700	10.44	35.331	27.13
750	9.75	35.244	27.19
800	8.67	35.110	27.26
850	7.70	35.047	27.36
900	6.89	35.064	27.49
950	6.28	35.057	27.56
1000	5.93	35.054	27.60
1500	4.26	35.009	27.77
2000	3.66	34.990	27.81
2008	3.65	34.990	27.81

RES-STACS17-84 CTD 15 RESEARCHER
Date 08 30 84 Latitude 20.507 N
Time 1835 Z Longitude 73.080 W



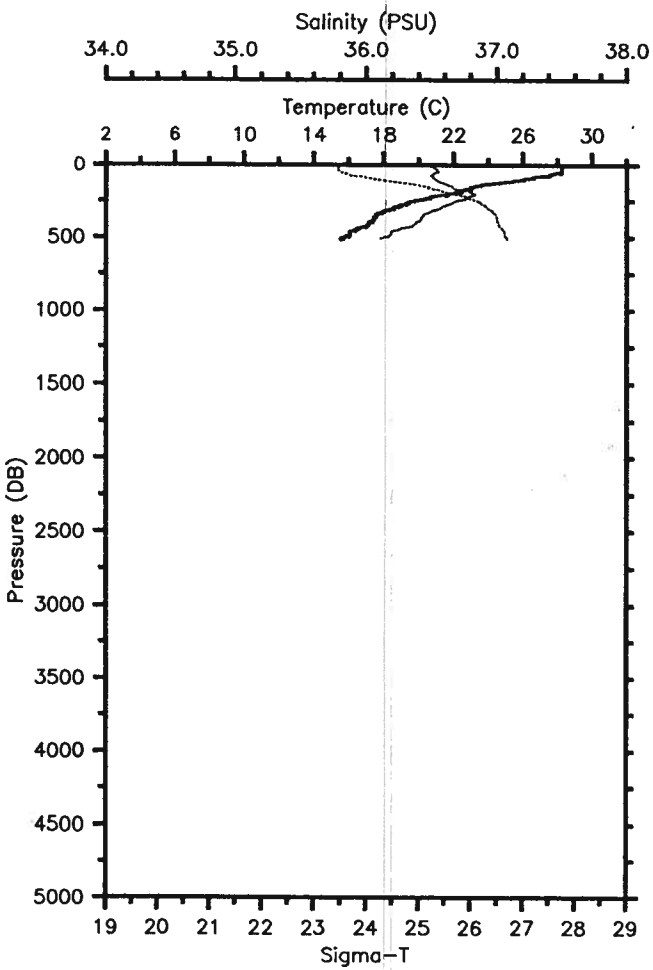
Prs	Tem	Sal	SigT
0	28.40	36.560	23.44
10	28.40	36.562	23.44
20	28.37	36.563	23.45
30	28.27	36.560	23.48
40	28.26	36.561	23.49
50	28.25	36.561	23.49
60	28.21	36.554	23.50
70	27.43	36.508	23.72
80	26.60	36.513	23.99
90	25.68	36.540	24.30
100	25.18	36.562	24.47
110	24.77	36.583	24.61
120	24.46	36.608	24.72
130	24.14	36.611	24.82
140	23.66	36.674	25.01
150	23.25	36.726	25.17
160	22.85	36.765	25.32
170	22.32	36.775	25.48
180	21.96	36.793	25.59
190	21.58	36.821	25.72
200	21.07	36.762	25.82
250	19.15	36.616	26.22
300	18.21	36.525	26.39
350	17.71	36.462	26.47
400	17.24	36.390	26.53
450	16.41	36.249	26.62
500	15.05	36.019	26.75
550	13.83	35.819	26.86
600	12.25	35.572	26.99
650	11.56	35.481	27.04
700	10.35	35.324	27.14
750	9.75	35.242	27.16
800	8.87	35.143	27.25
850	8.20	35.105	27.33
900	7.58	35.086	27.40
950	6.71	35.060	27.51
1000	6.15	35.060	27.58
1500	4.19	35.008	27.77
2000	3.63	34.987	27.81
2014	3.62	34.988	27.82

RES-STACS17-84 CTD 16 RESEARCHER
Date 08 30 84 Latitude 20.665 N
Time 2104 Z Longitude 73.118 W



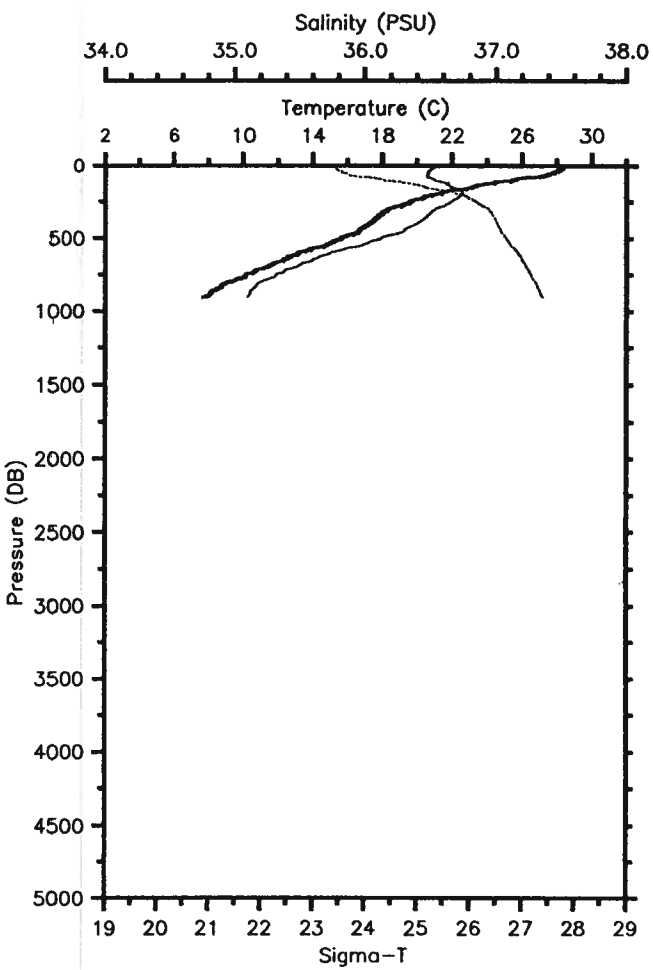
Prs	Tem	Sal	SigT
0	28.43	36.559	23.43
10	28.43	36.560	23.43
20	28.36	36.557	23.45
30	28.28	36.554	23.47
40	28.26	36.552	23.48
50	28.25	36.551	23.48
60	28.00	36.530	23.55
70	27.50	36.518	23.70
80	26.94	36.509	23.88
90	26.28	36.528	24.10
100	25.75	36.538	24.28
110	25.11	36.561	24.49
120	24.52	36.600	24.70
130	24.08	36.609	24.84
140	23.60	36.634	25.00
150	23.17	36.636	25.13
160	22.48	36.724	25.39
170	22.12	36.747	25.51
180	21.73	36.773	25.64
190	21.17	36.783	25.81
200	20.81	36.761	25.90
250	18.81	36.602	26.30
300	18.09	36.513	26.41
350	17.69	36.459	26.47
400	17.25	36.392	26.52
450	16.11	36.198	26.64
500	14.52	35.932	26.80
550	13.84	35.825	26.86
600	12.55	35.625	26.97
650	11.70	35.501	27.04
700	10.60	35.349	27.12
750	9.81	35.251	27.18
800	8.72	35.117	27.26
850	7.90	35.079	27.35
900	7.19	35.059	27.44
950	6.78	35.059	27.50
1000	6.14	35.060	27.58
1500	4.29	35.014	27.77
2000	3.61	34.986	27.82
2010	3.60	34.986	27.82

RES-STACS17-84 CTD 17 RESEARCHER
Date 08 31 84 Latitude 20.758 N
Time 0528 Z Longitude 73.187 W



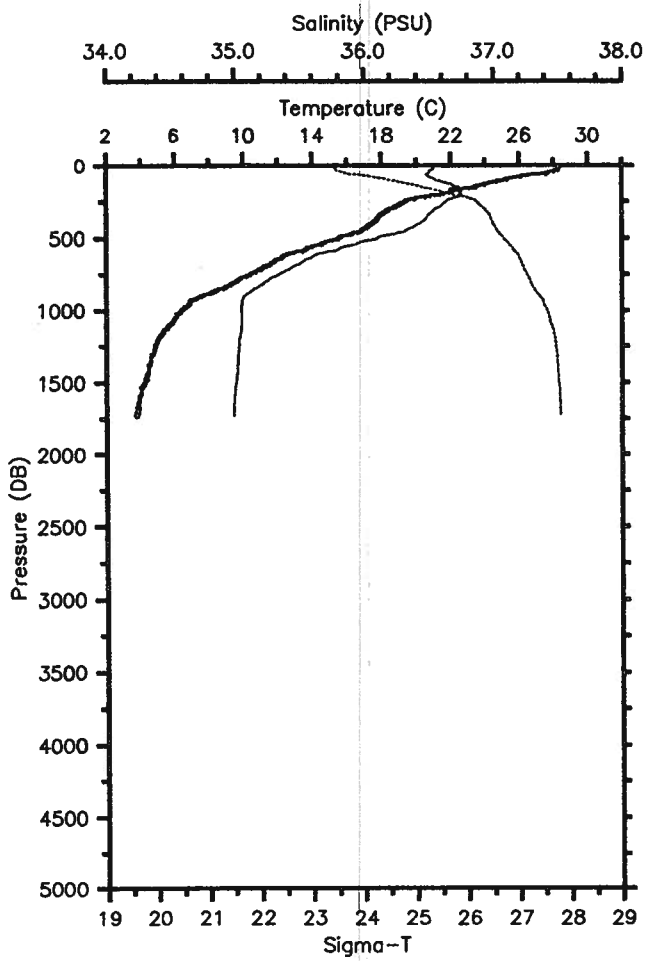
Prs	Tem	Sal	SigT
0	28.23	36.443	23.41
10	28.24	36.484	23.43
20	28.25	36.520	23.46
30	28.26	36.536	23.47
40	28.25	36.547	23.48
50	28.23	36.548	23.49
60	27.81	36.518	23.60
70	27.56	36.504	23.67
80	26.81	36.508	23.92
90	26.60	36.515	23.99
100	26.06	36.529	24.17
110	25.52	36.545	24.35
120	24.89	36.565	24.56
130	24.17	36.595	24.80
140	23.66	36.625	24.98
150	23.22	36.658	25.13
160	22.98	36.664	25.20
170	22.74	36.691	25.29
180	22.49	36.808	25.45
190	22.20	36.796	25.53
200	21.69	36.831	25.70
250	19.77	36.699	26.12
300	18.59	36.568	26.33
350	17.56	36.437	26.48
400	17.16	36.376	26.53
450	16.38	36.244	26.62
500	15.71	36.133	26.69
510	15.55	36.107	26.70

RES-STACS17-84 CTD 18 RESEARCHER
Date 08 31 84 Latitude 21.155 N
Time 1005 Z Longitude 73.707 W



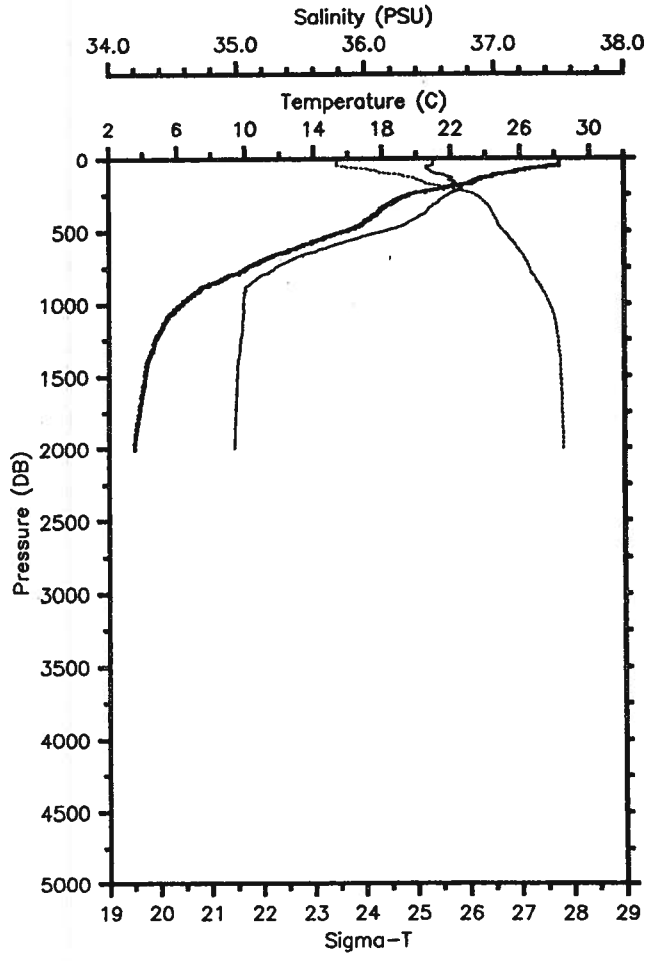
Prs	Tem	Sal	SigT
0	28.34	36.533	23.44
10	28.33	36.539	23.45
20	28.32	36.529	23.44
30	28.15	36.504	23.48
40	27.92	36.481	23.54
50	27.72	36.485	23.61
60	27.46	36.481	23.69
70	27.21	36.479	23.77
80	26.44	36.488	24.02
90	25.73	36.522	24.27
100	25.42	36.540	24.38
110	24.84	36.575	24.58
120	24.30	36.640	24.80
130	23.68	36.629	24.97
140	23.39	36.650	25.07
150	23.14	36.660	25.15
160	22.86	36.718	25.28
170	22.00	36.744	25.55
180	21.54	36.744	25.67
190	21.43	36.744	25.70
200	20.93	36.744	25.84
250	19.65	36.660	26.12
300	18.36	36.539	26.36
350	17.80	36.477	26.45
400	17.27	36.400	26.52
450	16.67	36.298	26.59
500	15.66	36.126	26.69
550	14.79	35.982	26.78
600	13.21	35.737	26.92
650	12.30	35.603	27.00
700	11.29	35.464	27.08
750	10.15	35.317	27.17
800	9.15	35.202	27.25
850	8.41	35.139	27.32
900	7.74	35.101	27.39
902	7.71	35.095	27.39

RES-STACS17-84 CTD 19 RESEARCHER
Date 08 31 84 Latitude 21.175 N
Time 1106 Z Longitude 73.722 W



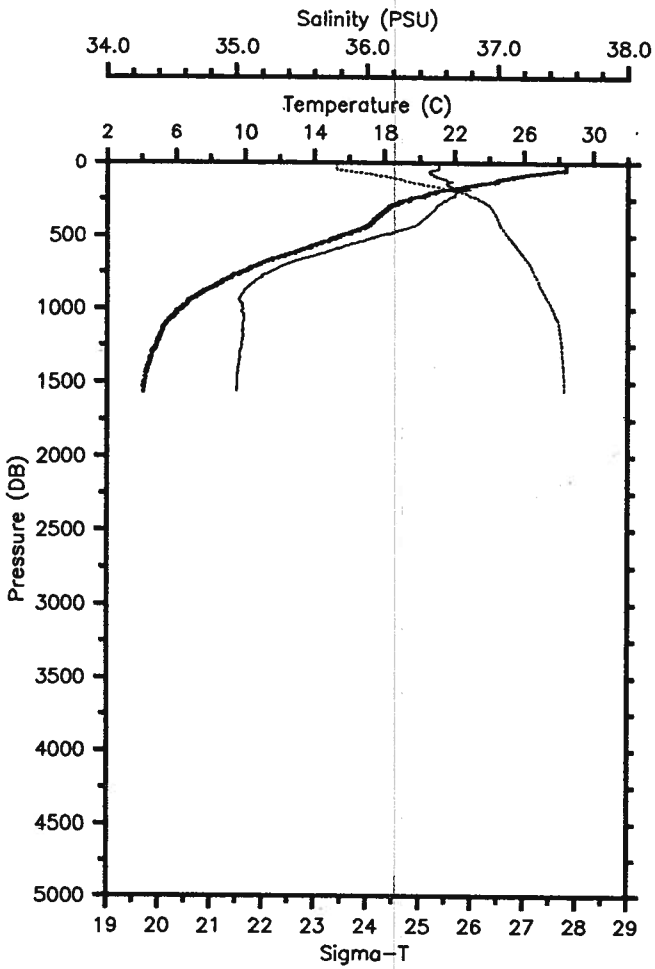
Prs	Tem	Sal	SigT
0	28.29	36.538	23.46
10	28.30	36.536	23.45
20	28.31	36.537	23.45
30	28.30	36.535	23.45
40	28.03	36.505	23.52
50	27.69	36.501	23.63
60	27.52	36.493	23.68
70	26.47	36.487	24.01
80	26.04	36.506	24.16
90	25.51	36.534	24.35
100	25.21	36.554	24.45
110	24.69	36.596	24.64
120	24.33	36.634	24.78
130	24.00	36.676	24.91
140	23.67	36.696	25.02
150	23.43	36.737	25.13
160	22.81	36.661	25.25
170	22.52	36.720	25.38
180	22.11	36.738	25.51
190	21.87	36.741	25.58
200	21.45	36.743	25.70
250	19.35	36.633	26.18
300	18.45	36.548	26.35
350	17.90	36.491	26.44
400	17.49	36.434	26.50
450	16.81	36.321	26.58
500	15.53	36.106	26.71
550	14.20	35.893	26.84
600	12.88	35.693	26.95
650	11.90	35.543	27.03
700	11.21	35.451	27.09
750	10.43	35.348	27.15
800	9.45	35.239	27.23
850	8.59	35.152	27.30
900	7.59	35.078	27.40
950	6.93	35.061	27.46
1000	6.41	35.056	27.54
1500	4.28	35.013	27.77
1730	3.77	34.993	27.80

RES-STACS17-84 CTD 20 RESEARCHER
Date 08 31 84 Latitude 21.280 N
Time 1325 Z Longitude 73.797 W



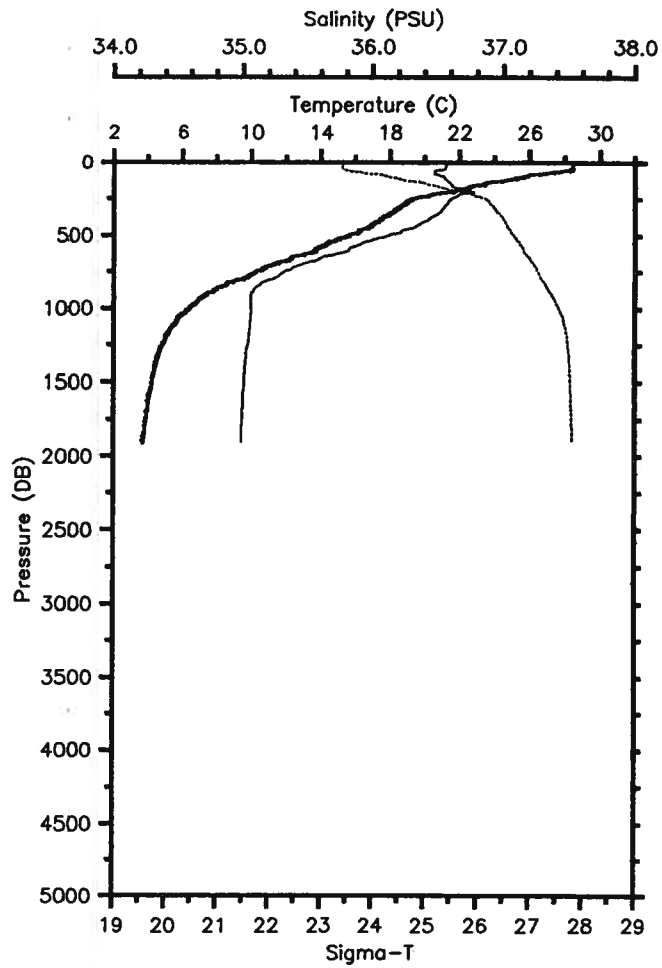
Prs	Tem	Sal	SigT
0	28.27	36.529	23.46
10	28.27	36.529	23.46
20	28.27	36.529	23.46
30	28.27	36.530	23.46
40	28.27	36.529	23.46
50	28.17	36.518	23.48
60	27.55	36.478	23.66
70	26.60	36.478	23.96
80	26.04	36.505	24.16
90	25.77	36.517	24.25
100	25.27	36.547	24.43
110	24.73	36.594	24.63
120	24.42	36.632	24.75
130	24.01	36.674	24.91
140	23.70	36.673	25.00
150	23.41	36.648	25.07
160	23.34	36.701	25.13
170	23.18	36.706	25.18
180	22.66	36.688	25.31
190	22.14	36.714	25.48
200	21.63	36.748	25.65
250	19.55	36.647	26.14
300	18.67	36.571	26.31
350	17.92	36.494	26.44
400	17.40	36.418	26.51
450	16.81	36.320	26.57
500	15.74	36.139	26.68
550	14.51	35.937	26.80
600	13.18	35.730	26.92
650	11.91	35.544	27.03
700	10.89	35.408	27.11
750	10.05	35.299	27.18
800	9.06	35.190	27.26
850	8.17	35.117	27.34
900	7.36	35.072	27.43
950	6.68	35.057	27.51
1000	6.22	35.054	27.57
1500	4.15	35.004	27.77
2000	3.52	34.983	27.82
2004	3.51	34.982	27.82

RES-STACS17-84 CTD 22 RESEARCHER
Date 09 01 84 Latitude 21.520 N
Time 0547 Z Longitude 73.983 W



Prs	Tem	Sal	SigT
0	28.42	36.548	23.42
10	28.42	36.548	23.42
20	28.43	36.546	23.42
30	28.43	36.547	23.42
40	28.42	36.546	23.42
50	28.33	36.538	23.44
60	27.66	36.480	23.62
70	27.03	36.484	23.83
80	26.26	36.494	24.08
90	25.79	36.509	24.24
100	25.21	36.535	24.44
110	24.89	36.576	24.57
120	24.53	36.611	24.70
130	24.38	36.631	24.76
140	23.78	36.604	24.92
150	23.26	36.612	25.08
160	22.72	36.632	25.26
170	22.27	36.682	25.42
180	22.01	36.746	25.54
190	21.29	36.730	25.73
200	20.92	36.689	25.80
250	19.47	36.615	26.14
300	18.28	36.527	26.37
350	17.82	36.480	26.45
400	17.36	36.415	26.52
450	16.73	36.307	26.58
500	15.51	36.095	26.70
550	14.44	35.922	26.81
600	13.22	35.736	26.92
650	11.99	35.556	27.02
700	10.74	35.382	27.12
750	9.81	35.261	27.19
800	8.96	35.170	27.26
850	8.25	35.101	27.31
900	7.43	35.050	27.40
950	6.74	35.026	27.48
1000	6.32	35.055	27.55
1500	4.19	35.010	27.77
1562	4.11	35.006	27.78

RES-STACS17-84 CTD 23 RESEARCHER
Date 09 01 84 Latitude 21.637 N
Time 0740 Z Longitude 74.055 W

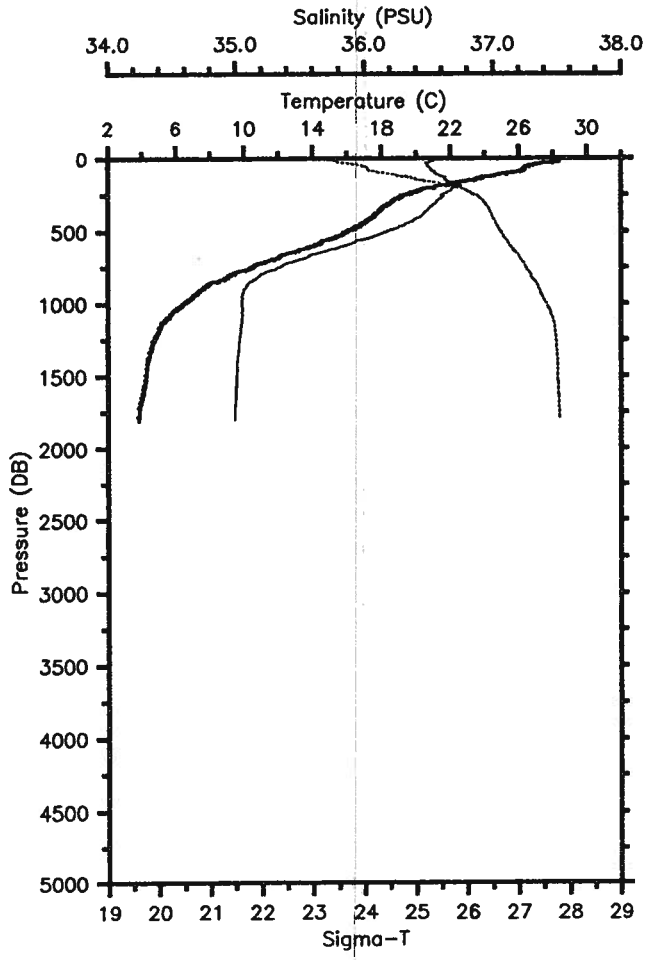


Prs	Tem	Sal	SigT
0	28.45	36.566	23.43
10	28.45	36.563	23.42
20	28.45	36.564	23.42
30	28.46	36.563	23.42
40	28.45	36.561	23.42
50	28.33	36.542	23.45
60	27.87	36.480	23.55
70	27.09	36.478	23.80
80	26.47	36.478	24.00
90	25.92	36.516	24.20
100	25.58	36.548	24.34
110	25.12	36.555	24.48
120	24.68	36.571	24.63
130	24.05	36.582	24.83
140	23.56	36.597	24.98
150	23.33	36.604	25.06
160	22.76	36.606	25.22
170	22.56	36.631	25.30
180	22.26	36.683	25.42
190	21.96	36.709	25.53
200	21.67	36.766	25.66
250	19.29	36.598	26.17
300	18.62	36.551	26.31
350	18.00	36.501	26.42
400	17.40	36.420	26.51
450	16.69	36.304	26.59
500	15.67	36.129	26.69
550	14.44	35.928	26.81
600	13.73	35.815	26.87
650	12.36	35.606	26.99
700	11.24	35.450	27.08
750	10.27	35.321	27.16
800	9.54	35.236	27.21
850	8.33	35.116	27.32
900	7.43	35.063	27.41
950	6.86	35.059	27.48
1000	6.39	35.063	27.55
1500	4.24	35.010	27.77
1904	3.72	34.991	27.81

RES-STACS17-84 CTD 24 RESEARCHER

Date 09 01 84 Latitude 21.728 N

Time 1000 Z Longitude 74.140 W

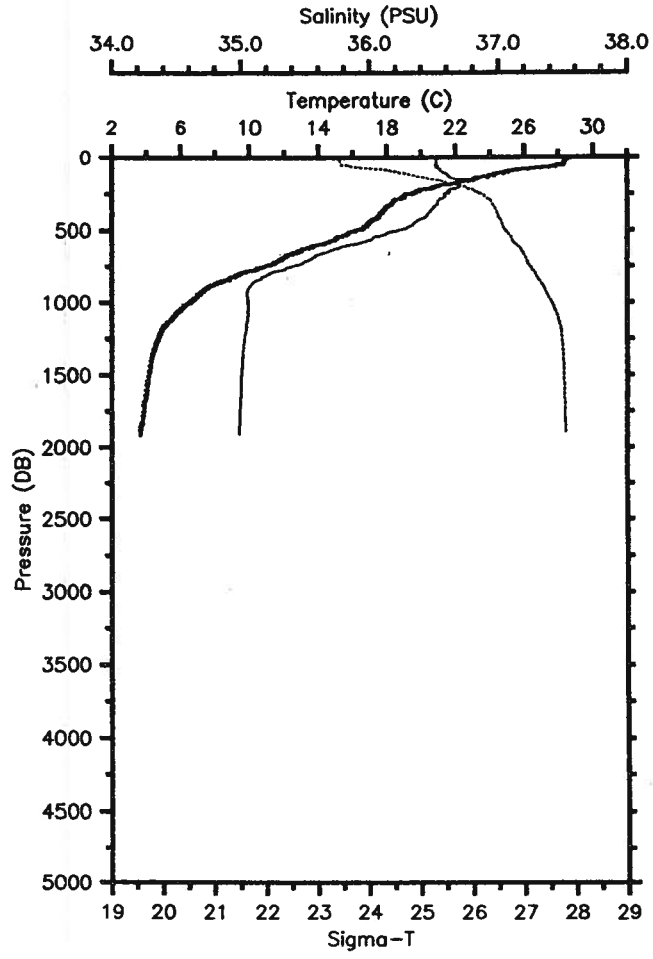


Prs	Tem	Sal	SigT
0	28.40	36.546	23.43
10	28.40	36.544	23.43
20	28.34	36.531	23.44
30	28.02	36.497	23.52
40	27.15	36.491	23.80
50	26.64	36.490	23.96
60	26.45	36.505	24.03
70	26.31	36.514	24.08
80	26.32	36.515	24.08
90	26.04	36.546	24.19
100	25.43	36.550	24.38
110	24.93	36.561	24.55
120	24.55	36.592	24.68
130	23.88	36.627	24.91
140	23.60	36.627	24.99
150	23.15	36.642	25.14
160	22.67	36.660	25.29
170	22.09	36.717	25.50
180	21.88	36.722	25.56
190	21.20	36.703	25.74
200	21.06	36.683	25.76
250	19.37	36.604	26.15
300	18.54	36.559	26.33
350	17.95	36.497	26.43
400	17.52	36.436	26.49
450	16.82	36.322	26.57
500	16.03	36.181	26.65
550	15.10	36.026	26.74
600	14.02	35.848	26.84
650	12.64	35.650	26.97
700	11.49	35.484	27.06
750	10.35	35.339	27.16
800	9.16	35.195	27.25
850	8.14	35.110	27.34
900	7.50	35.069	27.40
950	6.99	35.054	27.46
1000	6.42	35.054	27.54
1500	4.27	35.011	27.77
1802	3.82	34.992	27.80

RES-STACS17-84 CTD 26 RESEARCHER

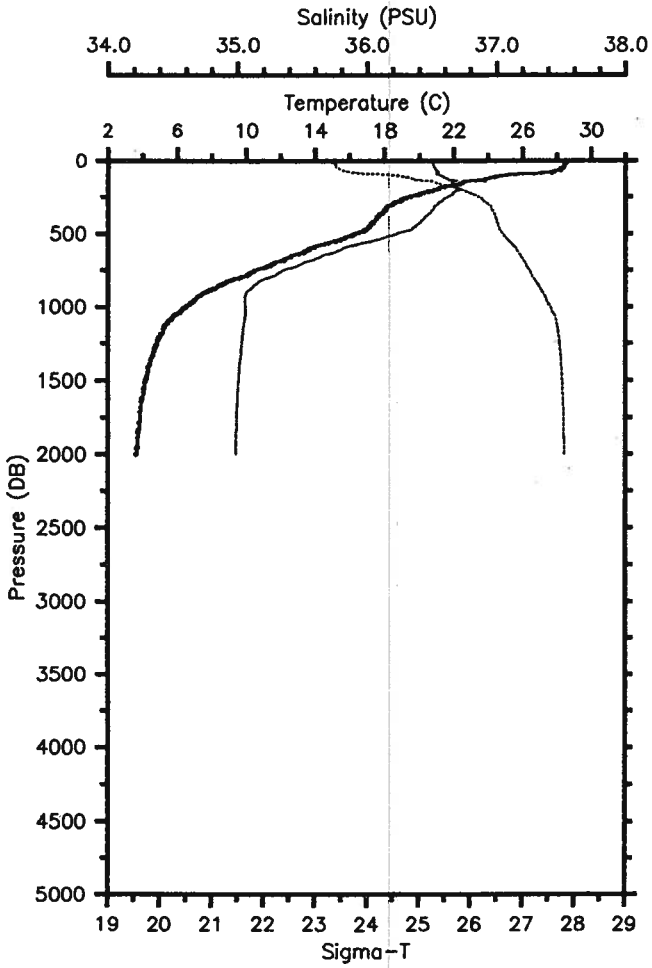
Date 09 01 84 Latitude 22.045 N

Time 2017 Z Longitude 74.332 W



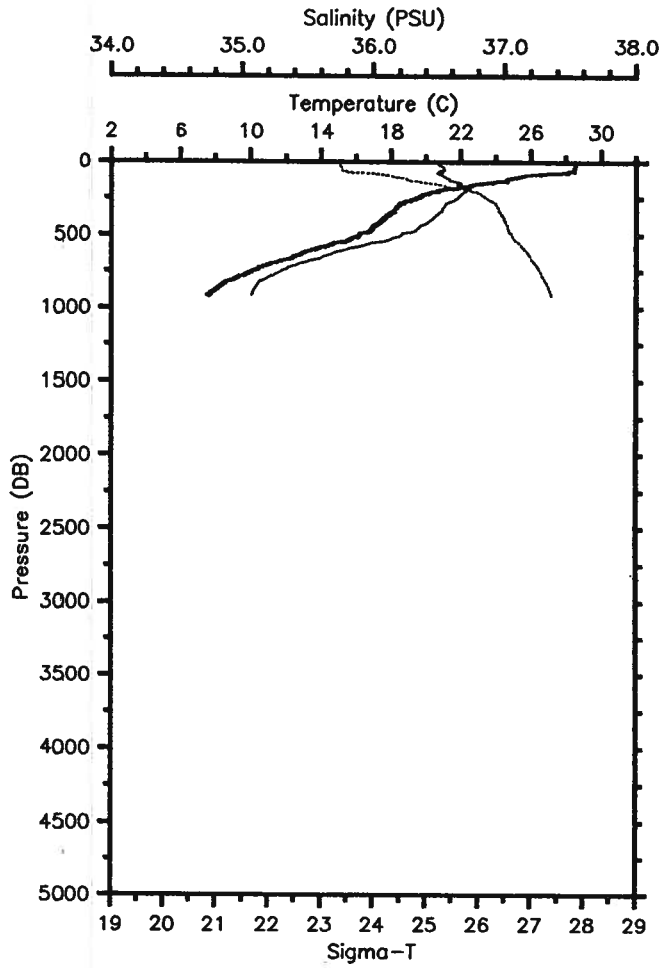
Prs	Tem	Sal	SigT
0	28.63	36.532	23.34
10	28.56	36.531	23.36
20	28.38	36.520	23.42
30	28.35	36.519	23.42
40	28.34	36.519	23.43
50	28.26	36.515	23.45
60	27.82	36.529	23.61
70	27.05	36.519	23.85
80	26.18	36.544	24.15
90	25.40	36.550	24.39
100	24.87	36.568	24.57
110	24.53	36.592	24.69
120	24.25	36.602	24.78
130	23.87	36.617	24.91
140	23.34	36.624	25.07
150	23.03	36.741	25.25
160	22.73	36.806	25.38
170	22.15	36.711	25.48
180	21.83	36.686	25.55
190	21.12	36.693	25.75
200	20.82	36.698	25.84
250	19.17	36.577	26.18
300	18.36	36.533	26.36
350	17.91	36.491	26.44
400	17.58	36.447	26.48
450	16.96	36.348	26.56
500	16.23	36.222	26.64
550	15.08	36.028	26.75
600	13.86	35.844	26.87
650	12.74	35.668	26.96
700	11.83	35.538	27.04
750	10.79	35.392	27.12
800	9.43	35.219	27.22
850	8.36	35.112	27.31
900	7.49	35.058	27.40
950	6.98	35.051	27.46
1000	6.43	35.058	27.54
1500	4.16	35.005	27.77
1910	3.68	34.986	27.81

RES-STACS17-84 CTD 27 RESEARCHER
Date 09 01 84 Latitude 22.240 N
Time 2257 Z Longitude 74.475 W



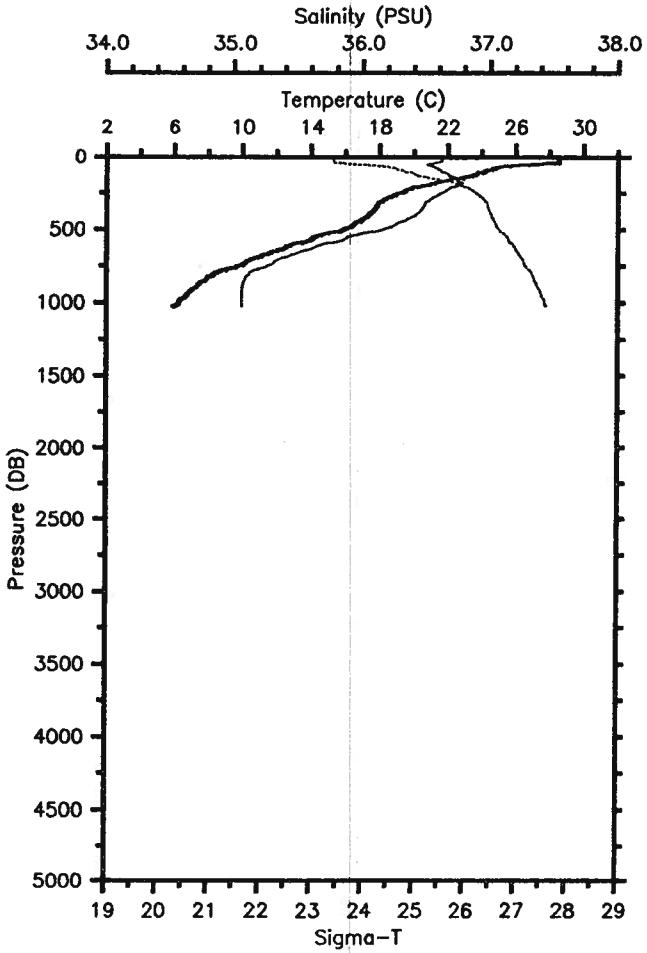
Prs	Tem	Sal	SigT
0	28.52	36.511	23.36
10	28.53	36.507	23.36
20	28.44	36.507	23.39
30	28.42	36.510	23.40
40	28.41	36.514	23.40
50	28.26	36.529	23.46
60	28.22	36.529	23.47
70	27.93	36.547	23.58
80	27.69	36.548	23.66
90	25.99	36.534	24.20
100	24.84	36.572	24.58
110	24.43	36.587	24.72
120	24.08	36.613	24.84
130	23.82	36.631	24.93
140	22.78	36.665	25.26
150	22.52	36.655	25.33
160	22.34	36.691	25.41
170	21.95	36.704	25.53
180	21.45	36.681	25.65
190	21.16	36.691	25.74
200	20.82	36.710	25.85
250	19.36	36.619	26.17
300	18.44	36.545	26.35
350	17.95	36.494	26.43
400	17.49	36.433	26.50
450	17.13	36.374	26.54
500	16.30	36.230	26.62
550	15.16	36.040	26.74
600	13.68	35.808	26.88
650	12.66	35.653	26.97
700	11.64	35.509	27.05
750	10.49	35.353	27.14
800	9.65	35.248	27.21
850	8.39	35.126	27.31
900	7.56	35.066	27.39
950	7.00	35.059	27.47
1000	6.42	35.060	27.55
1500	4.20	35.008	27.77
2000	3.62	34.986	27.81

RES-STACS17-84 CTD 28 RESEARCHER
Date 09 02 84 Latitude 22.575 N
Time 0224 Z Longitude 74.650 W



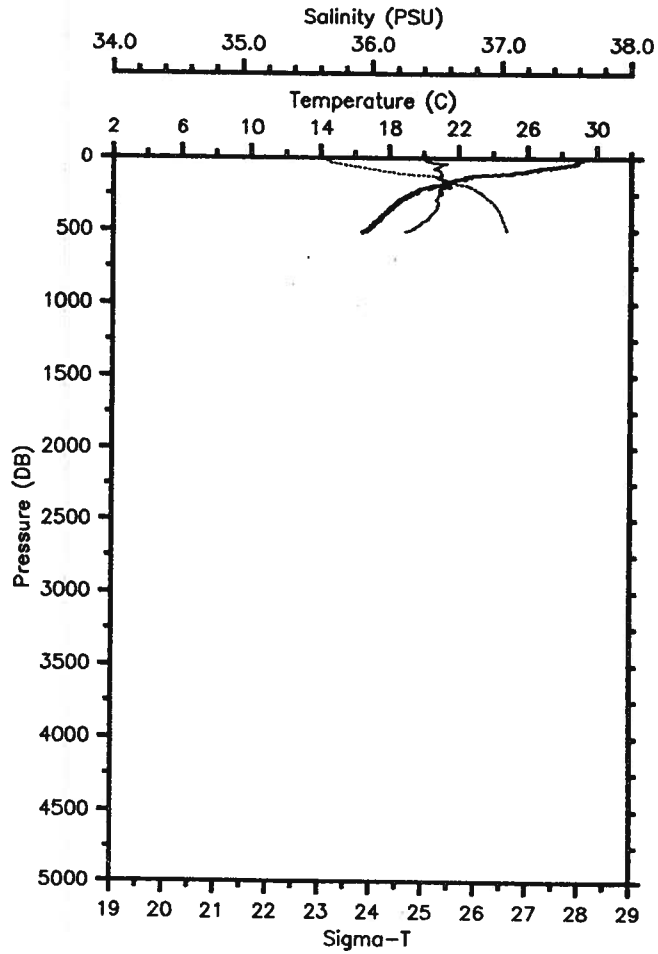
Prs	Tem	Sal	SigT
0	28.52	38.494	23.35
10	28.52	36.496	23.35
20	28.52	36.499	23.35
30	28.51	36.520	23.37
40	28.50	36.535	23.39
50	28.50	36.542	23.39
60	28.45	36.540	23.41
70	28.07	36.533	23.53
80	26.58	36.497	23.98
90	25.82	36.528	24.25
100	25.41	36.542	24.38
110	25.01	36.560	24.52
120	24.67	36.579	24.64
130	24.39	36.602	24.74
140	23.87	36.640	24.92
150	22.98	36.659	25.20
160	22.57	36.658	25.32
170	22.50	36.727	25.39
180	21.80	36.692	25.56
190	21.02	36.712	25.79
200	20.72	36.705	25.87
250	19.50	36.643	26.15
300	18.42	36.546	26.35
350	18.02	36.501	26.42
400	17.49	36.434	26.50
450	16.98	36.347	26.55
500	16.18	36.212	26.64
550	15.05	36.034	26.76
600	13.57	35.791	26.89
650	12.42	35.615	26.98
700	11.10	35.430	27.09
750	10.05	35.297	27.18
800	9.12	35.188	27.25
850	8.29	35.110	27.32
900	7.74	35.079	27.38
914	7.51	35.071	27.40

RES-STACS17-84 CTD 29 RESEARCHER
Date 09 02 84 Latitude 22.833 N
Time 0454 Z Longitude 74.823 W



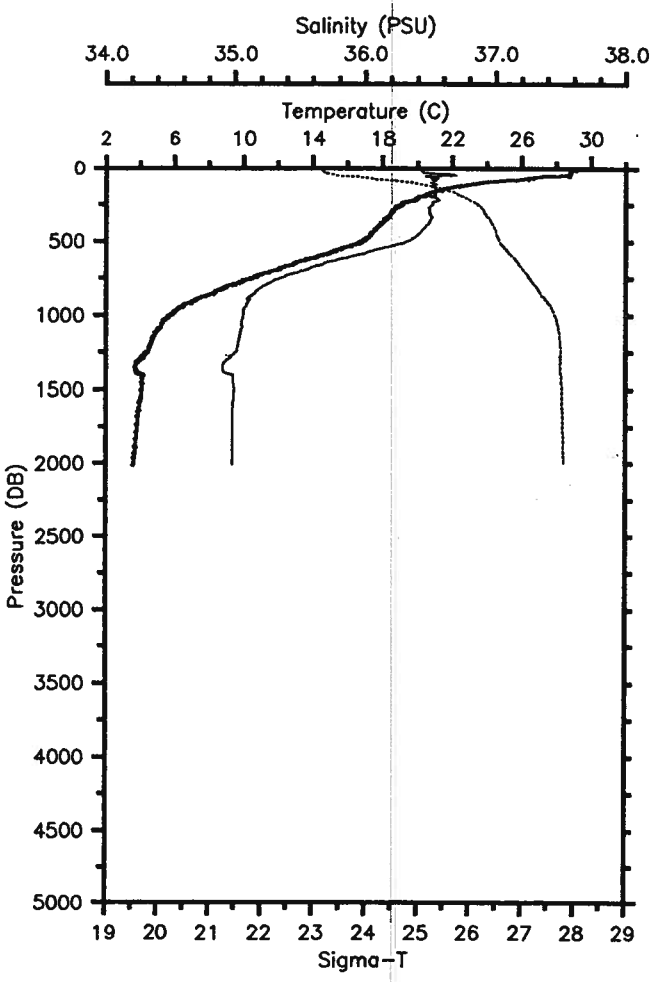
Prs	Tem	Sal	SigT
0	28.57	36.617	23.43
10	28.57	36.619	23.43
20	28.58	36.619	23.42
30	28.58	36.619	23.42
40	28.37	36.571	23.46
50	27.14	36.515	23.82
60	25.86	36.526	24.23
70	25.02	36.564	24.52
80	24.63	36.590	24.66
90	24.37	36.608	24.75
100	24.16	36.615	24.82
110	23.72	36.654	24.98
120	23.64	36.672	25.02
130	23.37	36.667	25.09
140	22.98	36.730	25.25
150	22.53	36.770	25.41
160	22.04	36.749	25.54
170	21.59	36.741	25.66
180	21.23	36.782	25.79
190	20.97	36.764	25.85
200	20.46	36.739	25.97
250	19.02	36.605	26.24
300	18.16	36.517	26.40
350	17.75	36.467	26.46
400	17.33	36.412	26.52
450	16.61	36.287	26.60
500	15.86	36.158	26.67
550	14.12	35.877	26.84
600	12.85	35.680	26.95
650	11.71	35.511	27.04
700	10.54	35.354	27.13
750	9.68	35.251	27.20
800	8.36	35.118	27.31
850	7.72	35.078	27.38
900	7.12	35.063	27.45
950	6.69	35.063	27.51
1000	6.28	35.064	27.57
1022	5.96	35.063	27.61

RES-STACS17-84 CTD 30 RESEARCHER
Date 09 03 84 Latitude 26.527 N
Time 0410 Z Longitude 76.852 W



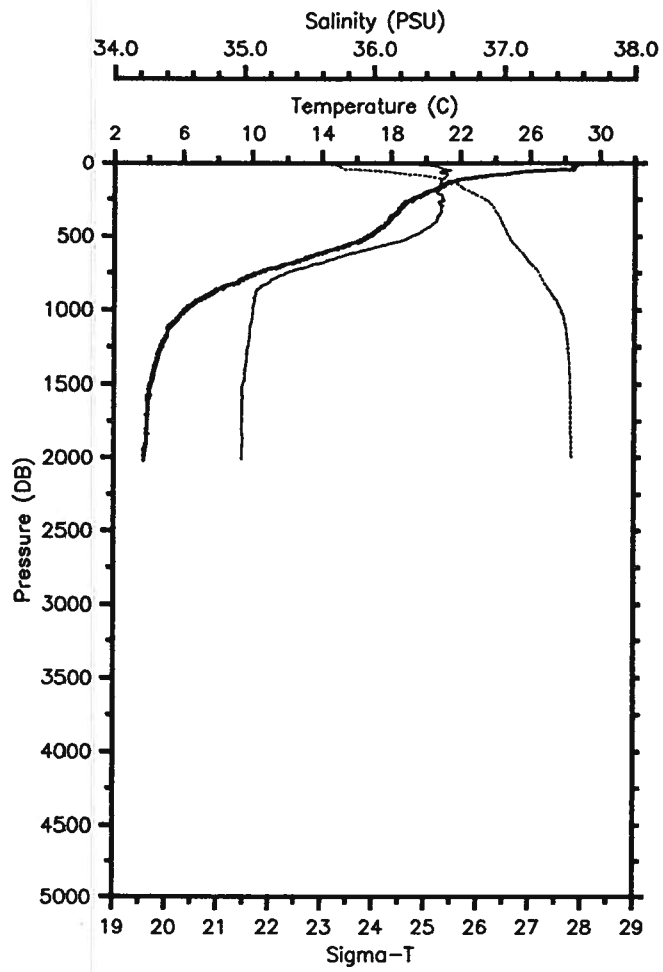
Prs	Tem	Sal	SigT
0	29.19	36.358	23.02
10	29.18	36.380	23.04
20	28.95	36.416	23.15
30	28.89	36.462	23.20
40	28.73	36.539	23.31
50	28.18	36.537	23.49
60	27.80	36.527	23.61
70	26.93	36.491	23.86
80	26.41	36.483	24.02
90	25.99	36.525	24.19
100	25.24	36.528	24.42
110	24.86	36.538	24.55
120	23.45	36.538	24.97
130	22.47	36.532	25.25
140	22.42	36.534	25.27
150	21.92	36.541	25.41
160	21.71	36.542	25.47
170	21.46	36.568	25.56
180	21.27	36.578	25.62
190	20.63	36.596	25.81
200	20.43	36.611	25.88
250	19.26	36.542	26.14
300	18.54	36.508	26.29
350	18.06	36.496	26.41
400	17.58	36.449	26.49
450	17.14	36.380	26.54
500	16.68	36.299	26.59
510	16.44	36.253	26.61

RES-STACS17-84 CTD 31 RESEARCHER
Date 09 03 84 Latitude 26.543 N
Time 1231 Z Longitude 76.782 W



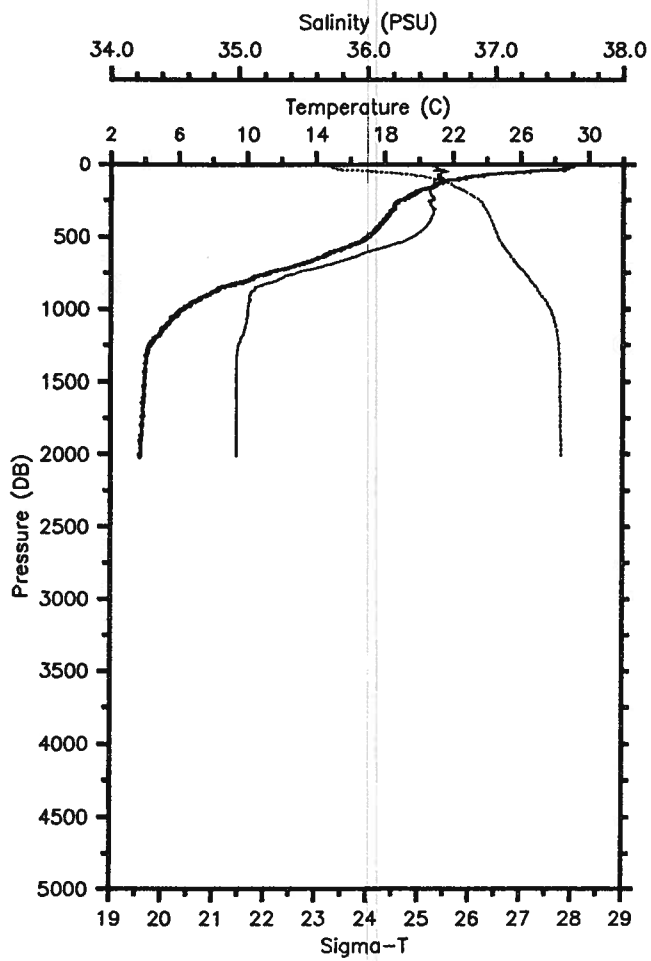
Prs	Tem	Sal	SigT
0	29.14	36.444	23.11
10	29.14	36.456	23.11
20	28.87	36.437	23.19
30	28.80	36.450	23.22
40	28.76	36.637	23.38
50	28.59	36.653	23.45
60	27.05	36.477	23.82
70	26.39	36.560	24.09
80	25.51	36.516	24.33
90	24.43	36.538	24.68
100	23.62	36.500	24.89
110	23.13	36.530	25.06
120	22.49	36.522	25.24
130	22.03	36.511	25.36
140	21.66	36.537	25.48
150	21.34	36.545	25.58
160	21.04	36.542	25.66
170	20.72	36.521	25.73
180	20.54	36.528	25.78
190	20.43	36.541	25.82
200	20.04	36.512	25.91
250	19.08	36.515	26.16
300	16.55	36.493	26.28
350	18.17	36.504	26.38
400	17.71	36.462	26.47
450	17.32	36.408	26.52
500	16.81	36.321	26.58
550	15.66	36.122	26.69
600	14.34	35.907	26.82
650	12.90	35.682	26.94
700	11.75	35.528	27.05
750	10.44	35.356	27.15
800	9.21	35.229	27.26
850	8.30	35.155	27.35
900	7.21	35.110	27.48
950	6.27	35.071	27.57
1000	5.76	35.064	27.63
1500	4.13	34.998	27.77
2000	3.64	34.983	27.81
2008	3.62	34.984	27.81

RES-STACS17-84 CTD 32 RESEARCHER
Date 09 03 84 Latitude 26.535 N
Time 2320 Z Longitude 76.668 W



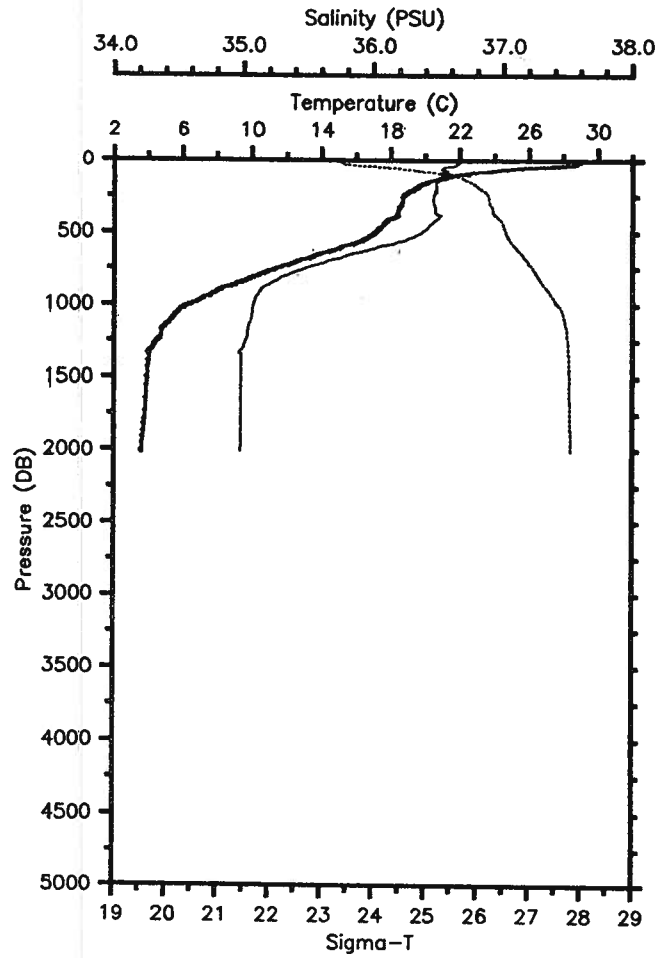
Prs	Tem	Sal	SigT
0	29.00	36.071	22.87
10	28.76	36.286	23.11
20	28.56	36.464	23.31
30	28.49	36.504	23.37
40	28.46	36.533	23.40
50	27.09	36.594	23.89
60	25.71	36.517	24.27
70	24.93	36.526	24.52
80	24.24	36.564	24.76
90	23.45	36.559	24.99
100	22.70	36.541	25.19
110	22.21	36.527	25.32
120	21.81	36.518	25.43
130	21.48	36.512	25.51
140	21.23	36.510	25.58
150	21.05	36.510	25.63
160	20.92	36.509	25.67
170	20.77	36.507	25.71
180	20.58	36.505	25.75
190	20.32	36.497	25.82
200	20.08	36.485	25.87
250	19.24	36.530	26.13
300	18.59	36.517	26.29
350	18.22	36.509	26.37
400	17.82	36.478	26.45
450	17.28	36.398	26.52
500	16.65	36.290	26.59
550	15.71	36.128	26.68
600	14.35	35.905	26.81
650	13.10	35.713	26.93
700	11.69	35.515	27.05
750	10.21	35.325	27.17
800	9.26	35.204	27.24
850	8.26	35.125	27.33
900	7.44	35.089	27.43
950	6.68	35.079	27.53
1000	6.10	35.070	27.60
1500	4.13	34.994	27.77
2000	3.75	34.985	27.80
2010	3.74	34.985	27.80

RES-STACS17-84 CTD 33 RESEARCHER
Date 09 04 84 Latitude 26.552 N
Time 1956 Z Longitude 76.492 W



Prs	Tem	Sal	SigT
0	29.05	36.440	23.13
10	29.05	36.474	23.16
20	28.76	36.537	23.30
30	28.59	36.564	23.38
40	28.01	36.523	23.54
50	26.38	36.618	24.14
60	25.14	36.582	24.50
70	24.04	36.540	24.80
80	23.38	36.552	25.00
90	22.77	36.575	25.20
100	22.32	36.576	25.33
110	21.67	36.522	25.47
120	21.41	36.514	25.54
130	21.14	36.513	25.61
140	21.01	36.512	25.64
150	20.85	36.510	25.69
160	20.62	36.506	25.75
170	20.33	36.495	25.81
180	20.05	36.484	25.88
190	19.89	36.484	25.93
200	19.74	36.490	25.97
250	18.85	36.491	26.20
300	18.52	36.510	26.30
350	18.19	36.507	26.38
400	17.87	36.481	26.44
450	17.49	36.430	26.50
500	17.00	36.352	26.55
550	16.16	36.206	26.64
600	15.07	36.019	26.74
650	14.09	35.864	26.84
700	12.80	35.669	26.95
750	11.24	35.454	27.09
800	10.09	35.309	27.18
850	8.41	35.130	27.31
900	7.71	35.095	27.39
950	6.80	35.079	27.51
1000	6.15	35.070	27.59
1500	4.01	34.983	27.77
2000	3.74	34.984	27.80
2010	3.74	34.985	27.80

RES-STACS17-84 CTD 34 RESEARCHER
Date 09 04 84 Latitude 26.550 N
Time 2215 Z Longitude 76.237 W

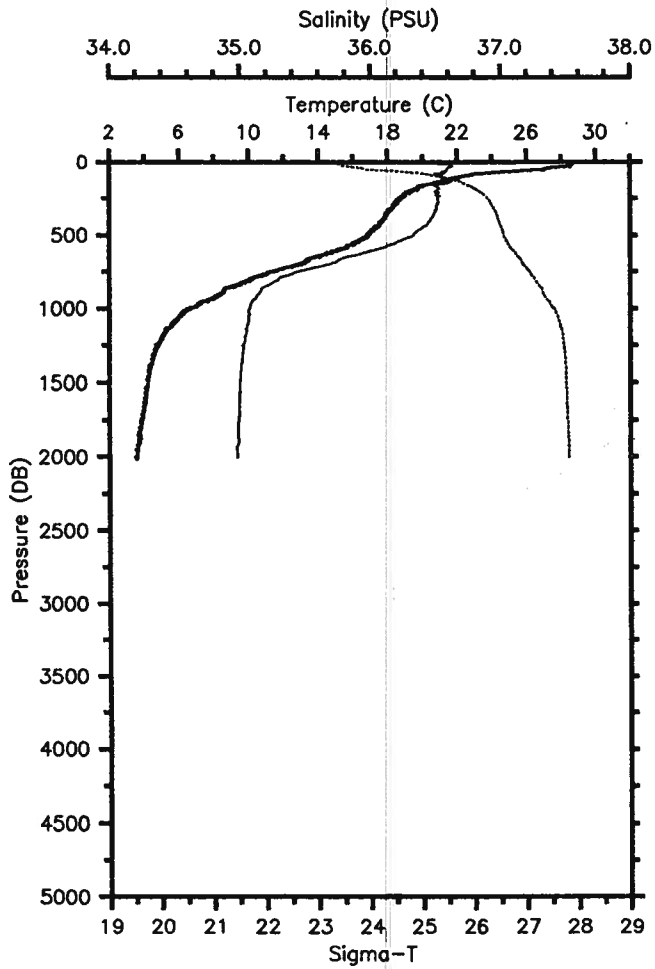


Prs	Tem	Sal	SigT
0	29.00	36.611	23.28
10	29.00	36.612	23.28
20	28.76	36.659	23.39
30	28.49	36.638	23.47
40	27.75	36.633	23.71
50	25.78	36.541	24.27
60	24.98	36.541	24.51
70	24.01	36.547	24.81
80	23.30	36.567	25.04
90	22.44	36.521	25.25
100	21.78	36.527	25.44
110	21.40	36.546	25.56
120	21.13	36.585	25.67
130	20.77	36.561	25.75
140	20.43	36.507	25.80
150	20.13	36.493	25.87
160	19.92	36.483	25.92
170	19.74	36.487	25.97
180	19.61	36.483	26.00
190	19.49	36.487	26.03
200	19.37	36.484	26.06
250	18.72	36.465	26.22
300	18.65	36.465	26.23
350	18.44	36.478	26.29
400	18.07	36.502	26.41
450	17.49	36.430	26.49
500	17.08	36.366	26.55
550	16.42	36.251	26.61
600	15.14	36.031	26.74
650	13.85	35.828	26.86
700	12.62	35.647	26.97
750	11.45	35.479	27.07
800	10.38	35.341	27.15
850	9.22	35.219	27.25
900	8.10	35.135	27.36
950	7.23	35.098	27.46
1000	6.36	35.078	27.57
1500	3.94	34.982	27.78
2000	3.62	34.980	27.81
2010	3.62	34.980	27.81

RES-STACS17-84 CTD 35 RESEARCHER

Date 09 05 84 Latitude 26.537 N

Time 0048 Z Longitude 76.003 W

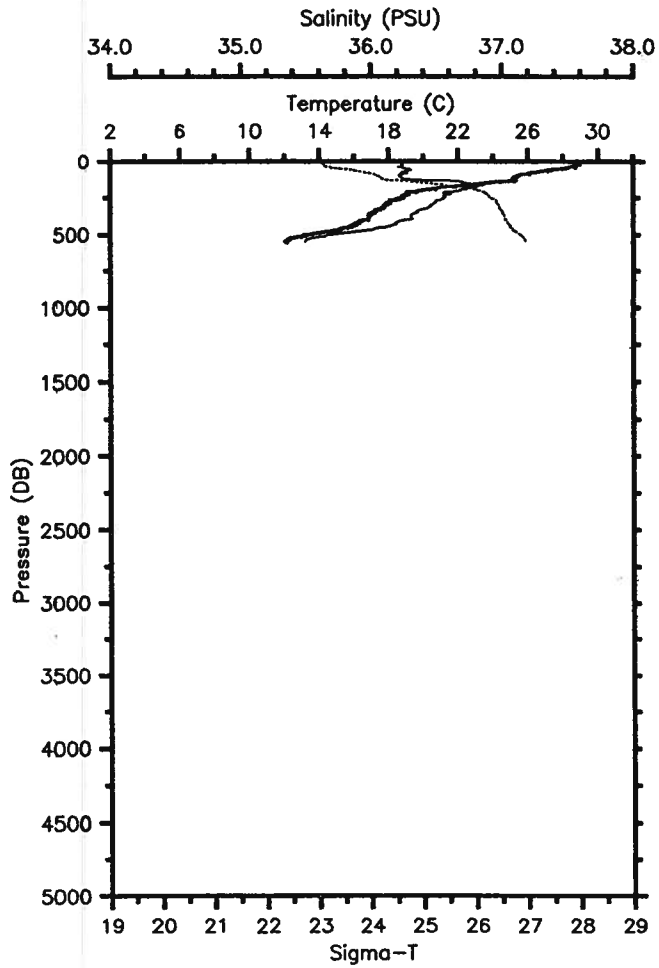


Prs	Tem	Sal	SigT
0	28.64	36.467	23.29
10	28.64	36.471	23.29
20	28.58	36.620	23.42
30	28.30	36.633	23.53
40	27.42	36.595	23.79
50	27.06	36.590	23.90
60	25.85	36.587	24.28
70	24.45	36.562	24.69
80	23.23	36.506	25.01
90	22.86	36.552	25.15
100	22.27	36.539	25.31
110	21.84	36.568	25.46
120	21.44	36.575	25.57
130	21.20	36.609	25.67
140	20.84	36.611	25.77
150	20.55	36.577	25.82
160	20.10	36.498	25.88
170	19.83	36.511	25.96
180	19.72	36.528	26.00
190	19.54	36.527	26.05
200	19.29	36.501	26.09
250	18.72	36.523	26.26
300	18.34	36.512	26.35
350	17.95	36.492	26.43
400	17.67	36.461	26.47
450	17.28	36.399	26.52
500	16.89	36.333	26.56
550	16.11	36.198	26.64
600	15.15	36.039	26.74
650	13.80	35.815	26.86
700	12.86	35.676	26.95
750	11.31	35.448	27.07
800	10.11	35.295	27.16
850	9.02	35.198	27.27
900	8.40	35.150	27.33
950	7.44	35.098	27.43
1000	6.63	35.076	27.53
1500	4.22	35.004	27.77
2000	3.61	34.983	27.81
2006	3.59	34.982	27.81

RES-STACS17-84 CTD 36 RESEARCHER

Date 09 05 84 Latitude 27.012 N

Time 2129 Z Longitude 79.302 W

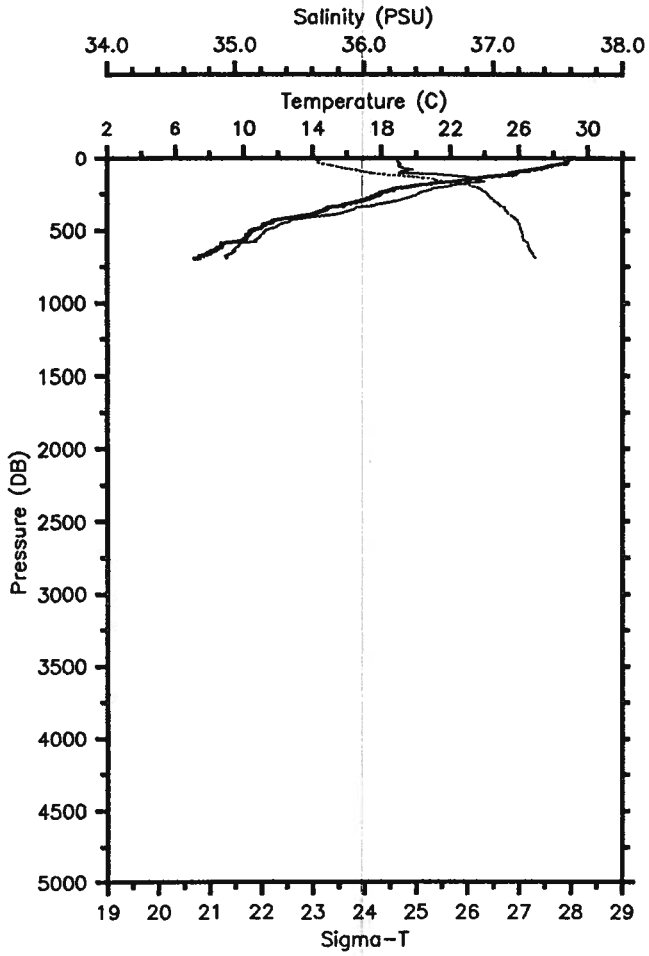


Prs	Tem	Sal	SigT
0	28.96	36.243	23.01
10	28.97	36.242	23.01
20	28.73	36.237	23.08
30	28.72	36.246	23.10
40	28.38	36.206	23.18
50	27.96	36.270	23.37
60	27.22	36.306	23.63
70	26.69	36.264	23.77
80	26.10	36.236	23.94
90	25.68	36.224	24.06
100	25.41	36.223	24.14
110	25.28	36.232	24.19
120	25.21	36.246	24.22
130	25.21	36.407	24.34
140	24.55	36.702	24.77
150	23.75	36.715	25.02
160	22.81	36.863	25.41
170	21.97	36.810	25.60
180	21.02	36.757	25.83
190	20.64	36.743	25.92
200	19.98	36.888	26.06
250	18.75	36.567	26.28
300	17.80	36.458	26.44
350	17.19	36.358	26.51
400	16.70	36.290	26.58
450	15.76	36.118	26.66
500	13.43	35.703	26.85
550	12.14	35.493	26.95

RES-STACS17-84 CTD 38 RESEARCHER

Date 09 06 84 Latitude 27.017 N

Time 0107 Z Longitude 79.505 W

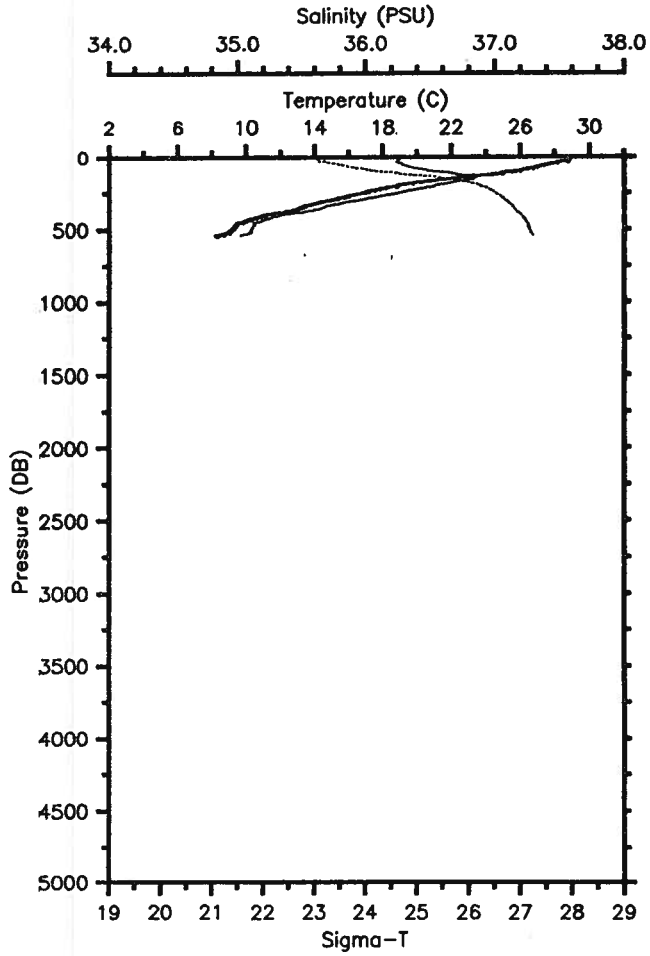


Prs	Tem	Sal	SigT
0	28.85	36.257	23.06
10	28.84	36.264	23.07
20	28.77	36.258	23.09
30	28.75	36.269	23.10
40	28.46	36.272	23.20
50	27.98	36.268	23.36
60	27.65	36.269	23.46
70	27.34	36.298	23.59
80	26.86	36.377	23.80
90	26.35	36.322	23.92
100	25.86	36.326	24.08
110	25.74	36.481	24.24
120	25.10	36.680	24.58
130	24.15	36.790	24.95
140	23.62	36.848	25.16
150	23.02	36.864	25.34
160	22.46	36.910	25.54
170	21.63	36.885	25.76
180	20.81	36.767	25.89
190	20.06	36.698	26.04
200	19.60	36.644	26.12
250	17.86	36.417	26.39
300	16.70	36.241	26.54
350	14.84	35.930	26.72
400	13.30	35.688	26.86
450	11.48	35.392	26.99
500	10.51	35.241	27.05
550	10.16	35.188	27.07
600	8.75	35.031	27.18
650	8.04	34.987	27.26
692	7.18	34.929	27.34

RES-STACS17-84 CTD 39 RESEARCHER

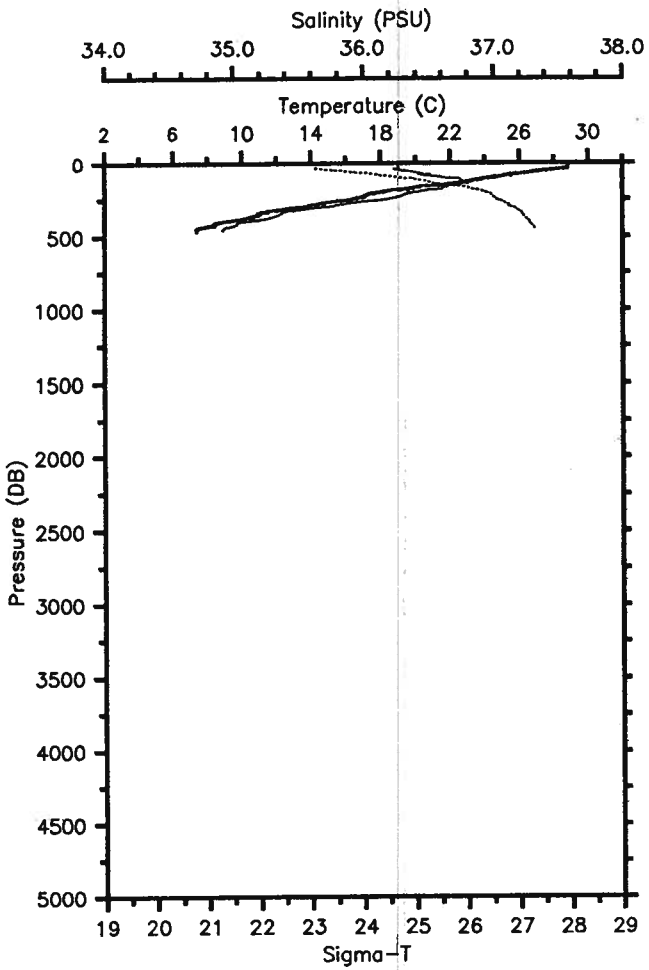
Date 09 06 84 Latitude 27.010 N

Time 0325 Z Longitude 79.620 W



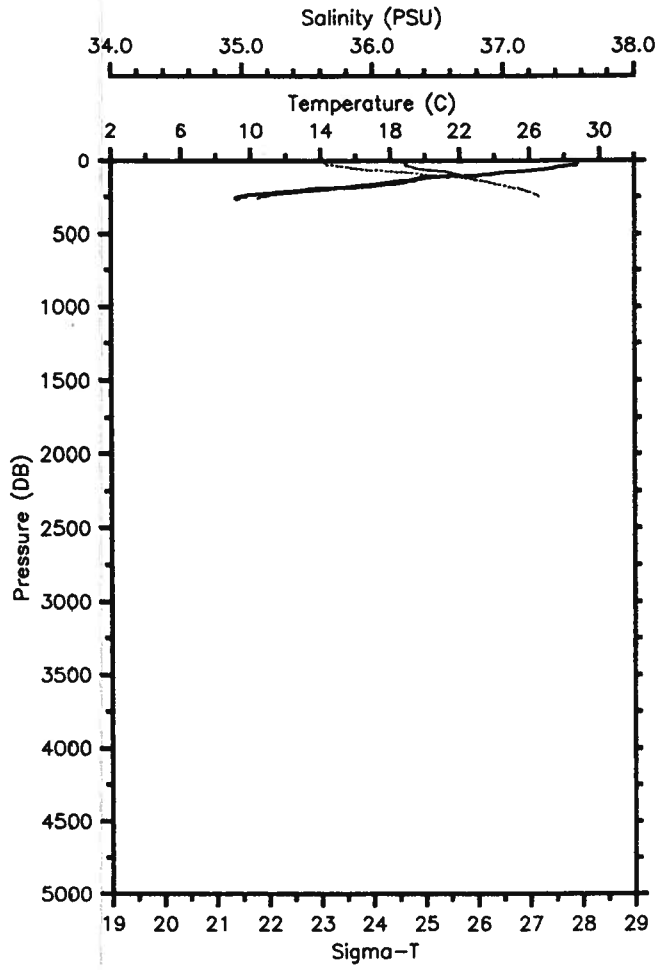
Prs	Tem	Sal	SigT
0	28.89	36.241	23.04
10	28.88	36.248	23.05
20	28.81	36.260	23.08
30	28.77	36.260	23.09
40	28.20	36.259	23.28
50	27.71	36.289	23.46
60	27.37	36.312	23.59
70	27.04	36.349	23.72
80	26.66	36.394	23.86
90	26.20	36.473	24.08
100	25.80	36.541	24.26
110	25.05	36.653	24.58
120	24.53	36.697	24.77
130	23.38	36.807	25.14
140	22.81	36.852	25.40
150	22.18	36.845	25.57
160	21.28	36.805	25.79
170	20.62	36.716	25.91
180	19.84	36.651	26.06
190	19.24	36.593	26.18
200	18.85	36.537	26.24
250	16.86	36.284	26.52
300	14.95	35.951	26.72
350	13.18	35.668	26.87
400	11.10	35.339	27.02
450	9.81	35.162	27.11
500	9.16	35.111	27.18
542	8.26	35.022	27.25

RES-STACS17-84 CTD 40 RESEARCHER
Date 09 06 84 Latitude 27.015 N
Time 0501 Z Longitude 79.690 W



Prs	Tem	Sal	SigT
0	28.82	36.258	23.07
10	28.82	36.258	23.07
20	28.83	36.269	23.08
30	28.82	36.271	23.08
40	28.64	36.256	23.13
50	27.76	36.289	23.44
60	27.05	36.379	23.74
70	26.41	36.446	24.00
80	25.77	36.520	24.25
90	25.16	36.501	24.43
100	24.61	36.614	24.68
110	24.00	36.746	24.96
120	23.45	36.761	25.14
130	23.04	36.769	25.27
140	22.52	36.710	25.37
150	21.75	36.757	25.63
160	20.43	36.603	25.87
170	19.93	36.626	26.02
180	19.36	36.588	26.14
190	18.52	36.488	26.28
200	17.95	36.416	26.37
250	16.31	36.175	26.58
300	13.52	35.733	26.86
350	10.99	35.365	27.06
400	8.88	35.080	27.20
450	7.40	34.925	27.30
456	7.37	34.925	27.31

RES-STACS17-84 CTD 41 RESEARCHER
Date 09 06 84 Latitude 27.002 N
Time 0651 Z Longitude 79.798 W

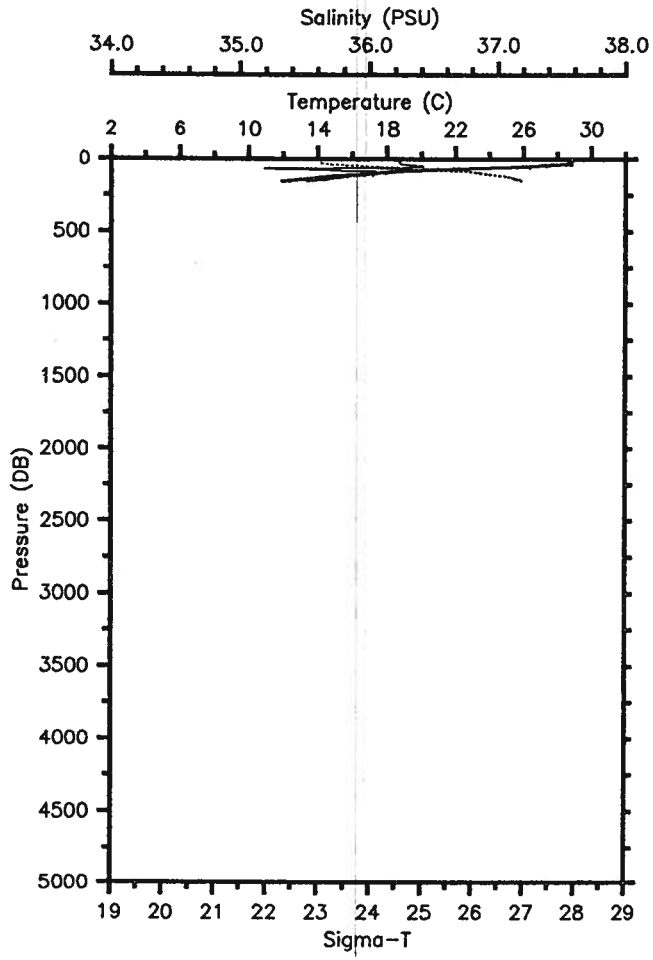


Prs	Tem	Sal	SigT
0	28.76	36.220	23.06
10	28.76	36.223	23.07
20	28.72	36.257	23.10
30	28.63	36.258	23.13
40	28.02	36.276	23.35
50	27.44	36.317	23.57
60	26.98	36.357	23.75
70	26.09	36.475	24.12
80	24.99	36.583	24.54
90	24.09	36.612	24.84
100	23.25	36.567	25.05
110	21.40	36.376	25.43
120	20.07	36.343	25.77
130	19.44	36.330	25.93
140	19.05	36.330	26.03
150	18.03	36.264	26.23
160	17.54	36.216	26.32
170	16.29	36.072	26.51
180	15.61	35.995	26.60
190	13.90	35.758	26.79
200	13.17	35.668	26.88
250	9.31	35.141	27.18
260	9.15	35.117	27.19

RES-STACS17-84 CTD 42 RESEARCHER

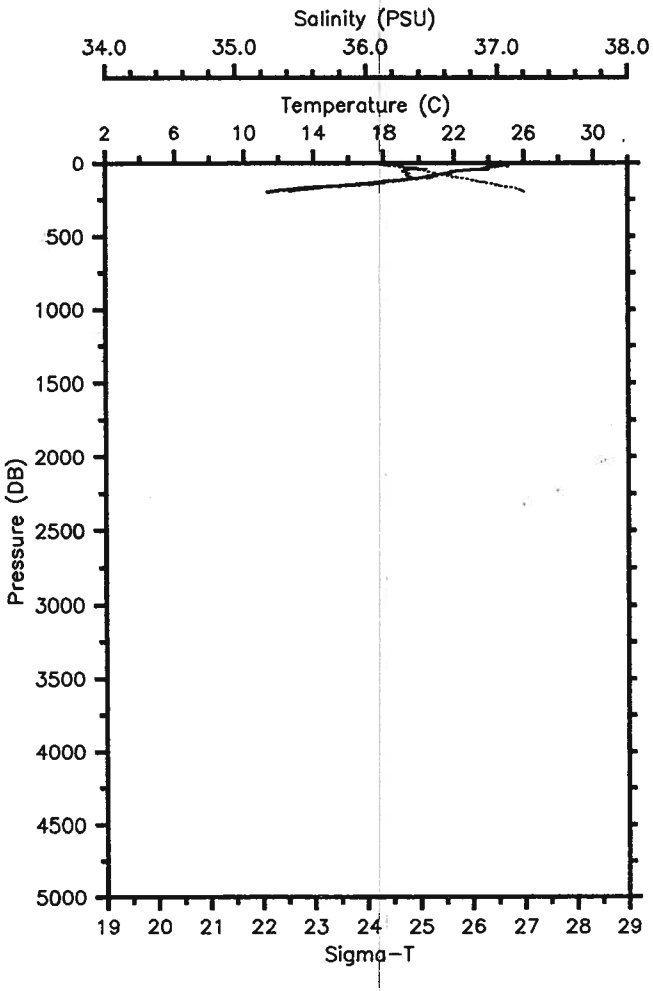
Date 09 06 84 Latitude 27.055 N

Time 0858 Z Longitude 79.880 W



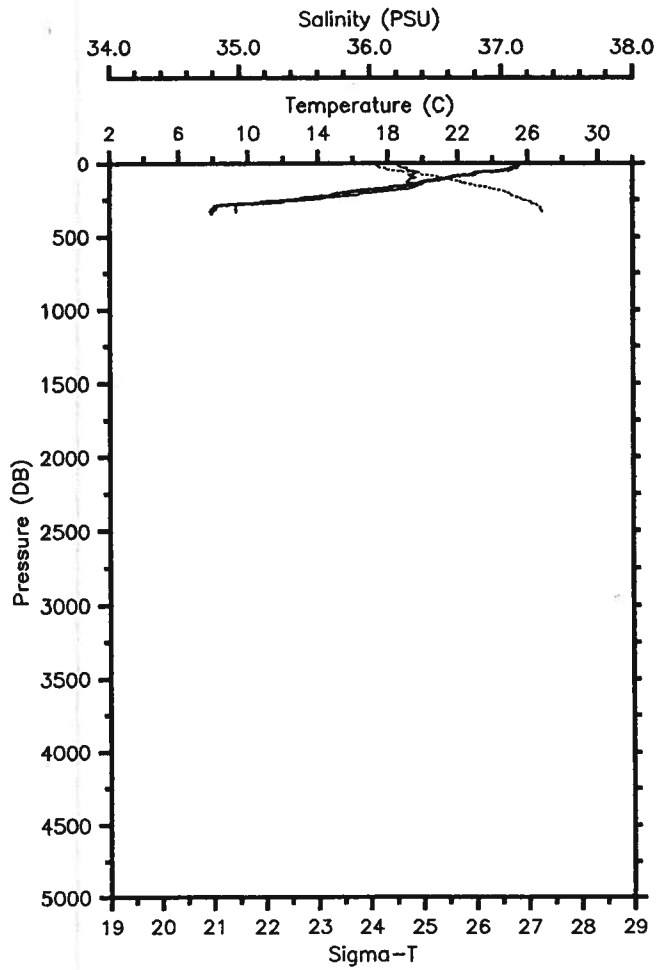
Prs	Tem	Sal	SigT
0	28.90	36.224	23.02
10	28.83	36.224	23.04
20	28.80	36.227	23.06
30	28.79	36.232	23.06
40	28.01	36.265	23.34
50	26.45	36.412	23.96
60	24.40	36.291	24.50
70	21.57	35.326	24.59
80	19.51	35.741	25.46
90	18.18	36.024	26.01
100	17.22	35.993	26.22
110	16.35	35.950	26.40
120	14.56	35.806	26.69
130	13.89	35.748	26.79
140	13.15	35.672	26.88
150	12.28	35.572	26.98
154	11.96	35.505	26.99

RES-STACS18-85 CTD 1 RESEARCHER
Date 04 18 85 Latitude 27.013 N
Time 0316 Z Longitude 79.878 W



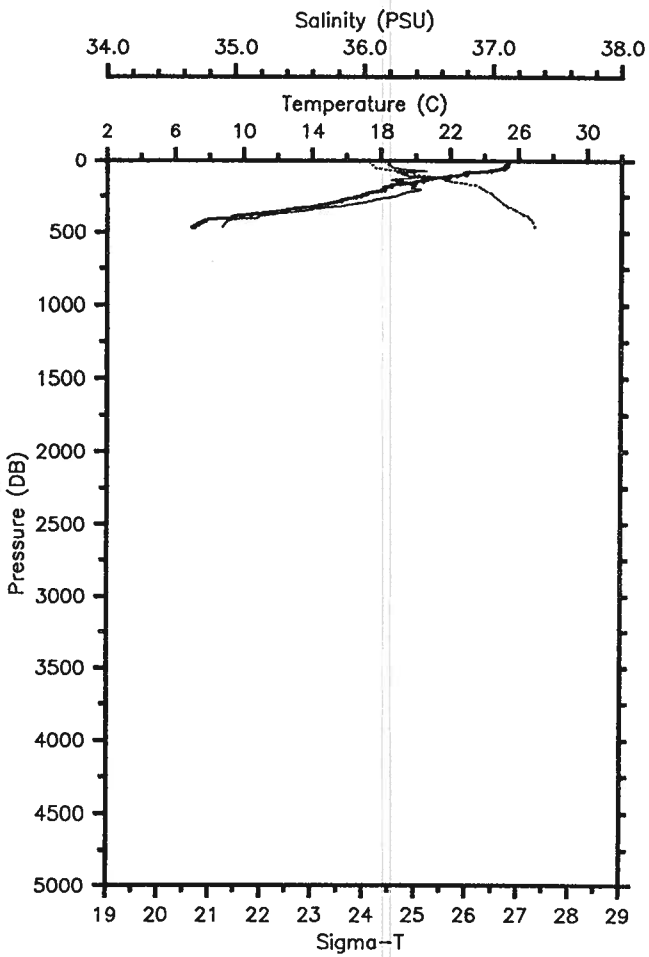
Prs	Tem	Sal	SigT
0	25.09	36.249	24.26
10	25.09	36.265	24.27
20	24.61	36.257	24.41
30	23.98	36.312	24.64
40	23.81	36.425	24.78
50	22.73	36.314	25.01
60	21.95	36.272	25.20
70	21.67	36.333	25.32
80	21.01	36.291	25.48
90	20.64	36.321	25.60
100	20.12	36.356	25.77
110	19.55	36.359	25.92
120	18.76	36.275	26.06
130	17.88	36.153	26.19
140	17.09	36.125	26.36
150	16.01	35.956	26.48
160	14.90	35.821	26.63
170	13.40	35.651	26.82
180	12.63	35.571	26.91
190	11.88	35.463	26.97
198	11.46	35.410	27.01

RES-STACS18-85 CTD 2 RESEARCHER
Date 04 18 85 Latitude 27.030 N
Time 0635 Z Longitude 79.807 W



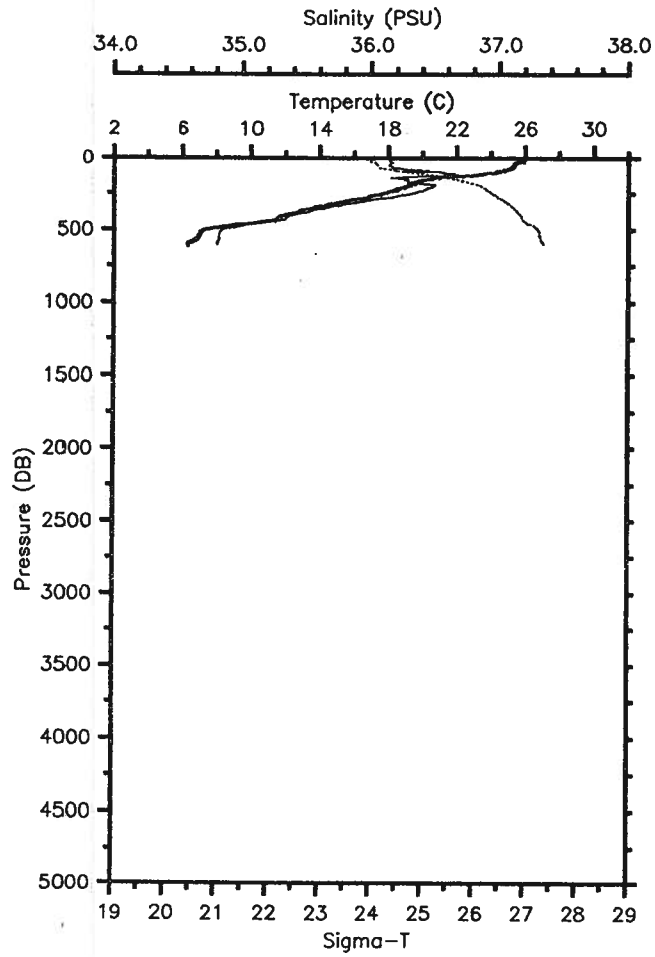
Prs	Tem	Sal	SigT
0	25.44	36.193	24.11
10	25.42	36.208	24.13
20	25.42	36.215	24.13
30	25.27	36.256	24.21
40	25.03	36.278	24.30
50	24.53	36.287	24.46
60	23.71	36.370	24.7[illegible]
70	22.99	36.351	24.96
80	22.49	36.284	25.06
90	21.77	36.311	25.28
100	21.45	36.346	25.40
110	20.95	36.307	25.50
120	20.38	36.291	25.65
130	19.91	36.281	25.76
140	19.69	36.357	25.88
150	19.26	36.356	25.99
160	18.40	36.339	26.20
170	18.05	36.325	26.28
180	17.02	36.210	26.44
190	16.30	36.120	26.54
200	15.63	36.006	26.61
250	12.44	35.543	26.93
300	8.13	34.975	27.23
334	7.91	34.978	27.27

RES-STACS18-85 CTD 3 RESEARCHER
Date 04 18 85 Latitude 27.058 N
Time 1010 Z Longitude 79.697 W



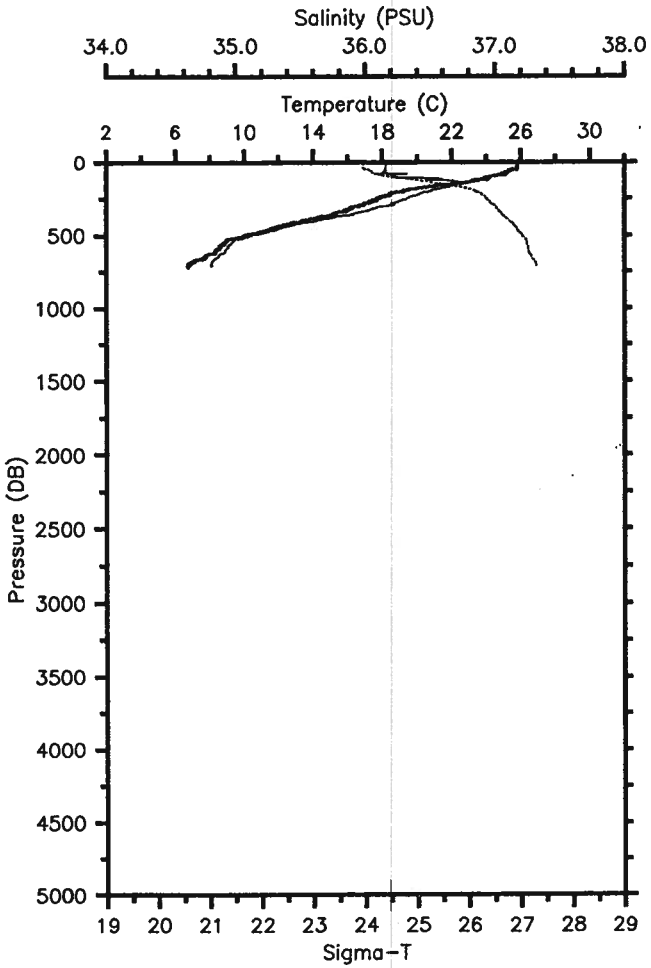
Prs	Tem	Sal	SigT
0	25.43	36.191	24.11
10	25.43	36.191	24.11
20	25.43	36.191	24.11
30	25.33	36.185	24.14
40	25.22	36.209	24.19
50	25.17	36.233	24.22
60	24.91	36.286	24.34
70	24.43	36.405	24.58
80	23.21	36.293	24.86
90	22.99	36.318	24.94
100	22.54	36.307	25.06
110	21.91	36.342	25.26
120	21.42	36.408	25.45
130	20.67	36.270	25.55
140	20.38	36.214	25.59
150	20.08	36.320	25.75
160	19.64	36.368	25.90
170	18.79	36.355	26.11
180	18.58	36.395	26.20
190	18.24	36.373	26.27
200	18.21	36.397	26.29
250	16.81	36.263	26.53
300	15.01	35.952	26.71
350	12.32	35.556	26.96
400	9.41	35.180	27.19
450	7.30	34.913	27.31
468	7.04	34.903	27.34

RES-STACS18-85 CTD 4 RESEARCHER
Date 04 18 85 Latitude 27.008 N
Time 1410 Z Longitude 79.642 W



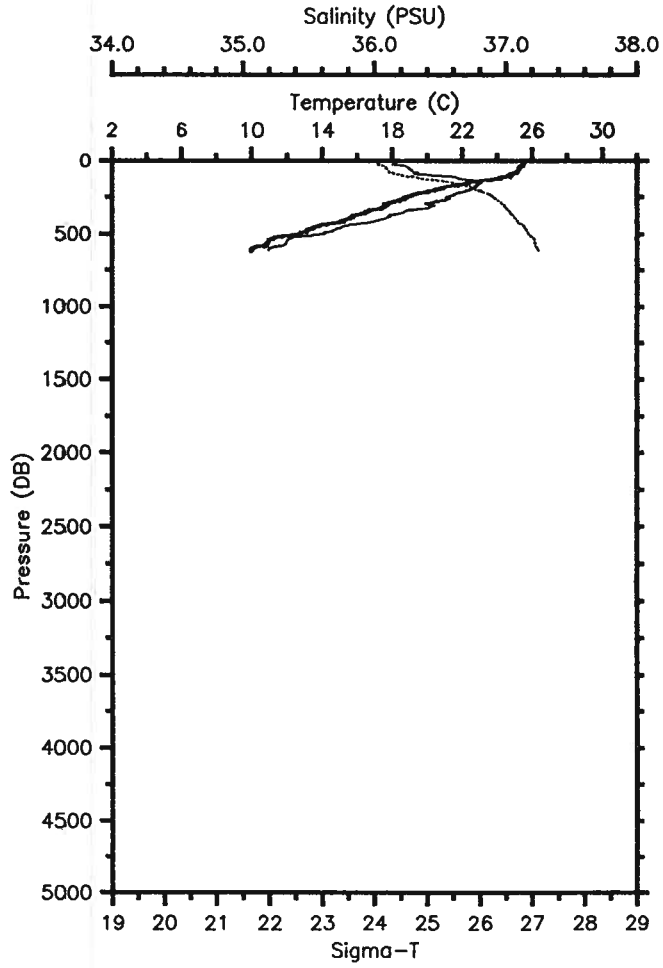
Prs	Tem	Sal	SigT
0	25.94	36.142	23.92
10	25.91	36.143	23.93
20	25.90	36.145	23.93
30	25.53	36.157	24.05
40	25.40	36.147	24.09
50	25.31	36.144	24.11
60	25.30	36.162	24.13
70	25.18	36.174	24.18
80	24.92	36.304	24.35
90	24.80	36.450	24.50
100	24.38	36.554	24.71
110	23.69	36.565	24.92
120	23.03	36.681	25.20
130	21.46	36.296	25.35
140	20.74	36.152	25.44
150	20.31	36.265	25.65
160	19.86	36.283	25.78
170	19.50	36.292	25.88
180	19.36	36.369	25.98
190	19.25	36.496	26.10
200	19.01	36.483	26.15
250	17.63	36.311	26.37
300	15.52	35.958	26.60
350	13.56	35.642	26.78
400	11.89	35.381	26.91
450	10.52	35.195	27.01
500	7.37	34.846	27.25
550	6.94	34.816	27.28
600	6.33	34.804	27.35
606	6.33	34.805	27.36

RES-STACS18-85 CTD 5 RESEARCHER
Date 04 18 85 Latitude 27.002 N
Time 1611 Z Longitude 79.507 W



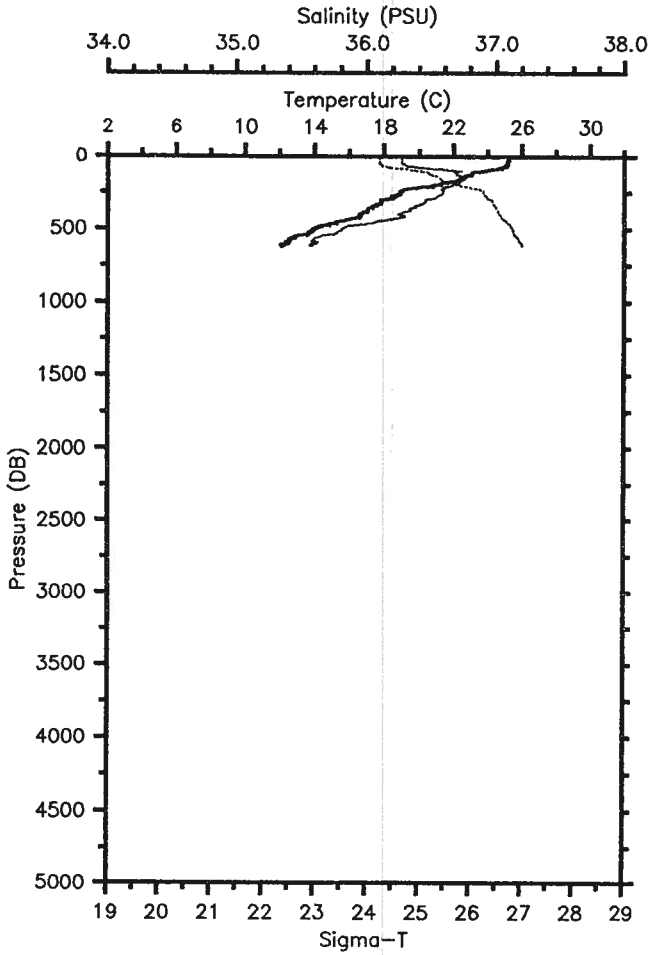
Prs	Tem	Sal	SigT
0	25.82	36.160	23.97
10	25.82	36.157	23.97
20	25.81	36.158	23.97
30	25.81	36.158	23.97
40	25.80	36.157	23.97
50	25.50	36.162	24.07
60	25.31	36.150	24.12
70	25.19	36.148	24.15
80	24.95	36.323	24.36
90	24.74	36.206	24.34
100	24.23	36.234	24.51
110	24.11	36.488	24.74
120	23.47	36.469	24.91
130	23.33	36.682	25.11
140	22.93	36.721	25.26
150	22.00	36.717	25.53
160	21.36	36.676	25.67
170	20.65	36.649	25.85
180	19.98	36.588	25.98
190	19.54	36.546	26.06
200	19.20	36.512	26.13
250	17.72	36.322	26.36
300	16.59	36.165	26.51
350	15.20	35.915	26.63
400	13.45	35.629	26.79
450	11.62	35.340	26.93
500	10.01	35.114	27.04
550	8.85	34.972	27.12
600	8.37	34.923	27.16
650	7.68	34.855	27.21
700	6.80	34.816	27.30
708	6.78	34.817	27.30

RES-STACS18-85 CTD 6 RESEARCHER
Date 04 18 85 Latitude 27.018 N
Time 2227 Z Longitude 79.383 W



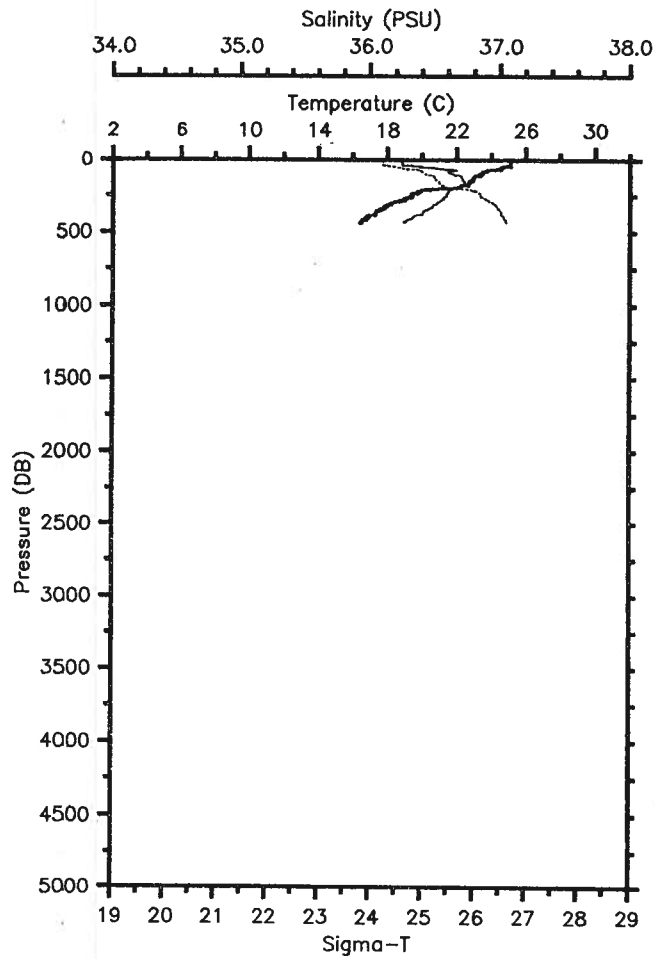
Prs	Tem	Sal	SigT
0	25.50	36.162	24.07
10	25.51	36.163	24.07
20	25.51	36.161	24.06
30	25.48	36.159	24.07
40	25.31	36.238	24.19
50	25.26	36.263	24.22
60	25.19	36.266	24.24
70	25.17	36.288	24.27
80	25.06	36.315	24.32
90	24.79	36.309	24.40
100	24.70	36.443	24.52
110	24.40	36.613	24.75
120	24.14	36.635	24.84
130	23.65	36.712	25.04
140	22.90	36.781	25.32
150	22.32	36.806	25.50
160	22.05	36.800	25.57
170	21.64	36.789	25.68
180	21.01	36.765	25.84
190	20.74	36.750	25.90
200	20.48	36.726	25.95
250	18.72	36.542	26.27
300	17.60	36.413	26.45
350	16.51	36.223	26.57
400	15.44	36.059	26.69
450	13.67	35.763	26.85
500	12.75	35.616	26.92
550	10.93	35.333	27.05
600	10.06	35.208	27.10
612	9.95	35.193	27.11

RES-STACS18-85 CTD 7 RESEARCHER
Date 04 19 85 Latitude 26.987 N
Time 0131 Z Longitude 79.225 W



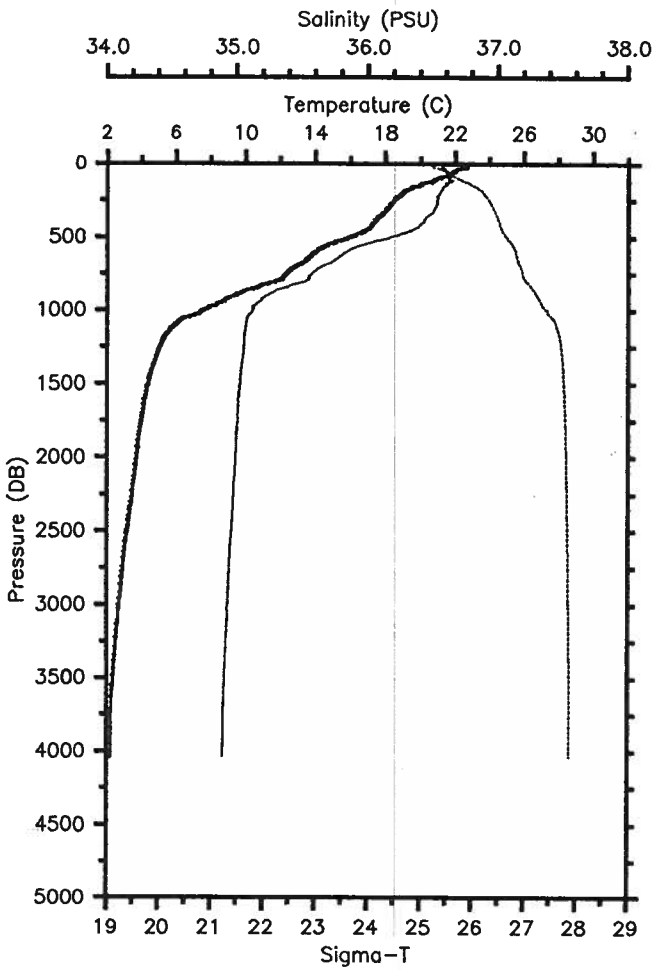
Prs	Tem	Sal	SigT
0	25.20	36.268	24.24
10	25.17	36.267	24.25
20	25.18	36.266	24.24
30	25.19	36.267	24.24
40	25.19	36.267	24.24
50	25.19	36.268	24.24
60	25.12	36.294	24.29
70	25.04	36.316	24.33
80	24.84	36.404	24.45
90	24.25	36.577	24.76
100	23.82	36.689	24.98
110	23.17	36.692	25.17
120	23.07	36.691	25.20
130	22.83	36.702	25.28
140	22.66	36.735	25.35
150	22.46	36.723	25.40
160	22.35	36.731	25.44
170	22.14	36.718	25.49
180	21.63	36.691	25.61
190	21.28	36.700	25.71
200	20.86	36.661	25.80
250	18.93	36.587	26.25
300	18.00	36.450	26.38
350	17.33	36.375	26.49
400	16.58	36.238	26.56
450	15.33	36.076	26.73
500	13.97	35.813	26.82
550	12.98	35.652	26.90
600	12.35	35.612	27.00
616	12.17	35.590	27.02

RES-STACS18-85 CTD 8 RESEARCHER
Date 04 19 85 Latitude 27.017 N
Time 0531 Z Longitude 79.202 W



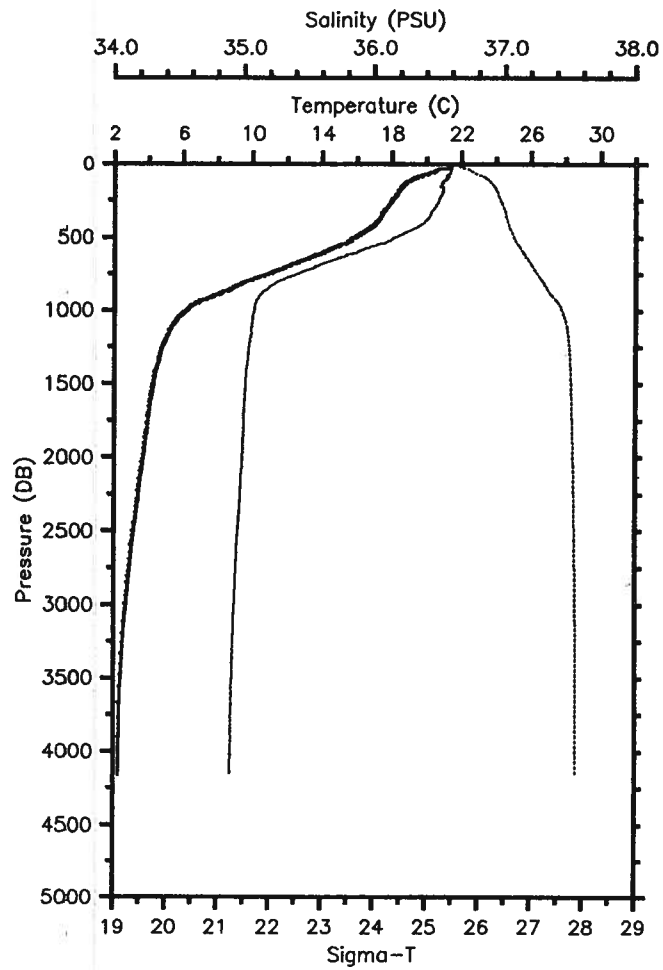
Prs	Tem	Sal	SigT
0	25.11	36.246	24.25
10	25.11	36.247	24.25
20	25.11	36.247	24.25
30	25.12	36.248	24.25
40	25.12	36.248	24.25
50	24.66	36.375	24.49
60	24.56	36.522	24.63
70	23.86	36.668	24.95
80	23.55	36.602	24.99
90	23.47	36.610	25.02
100	23.37	36.645	25.08
110	23.05	36.696	25.21
120	22.97	36.706	25.24
130	22.95	36.709	25.25
140	22.88	36.710	25.27
150	22.71	36.722	25.33
160	22.71	36.723	25.33
170	22.64	36.724	25.35
180	22.28	36.707	25.44
190	22.15	36.705	25.47
200	20.75	36.628	25.80
250	19.43	36.586	26.12
300	18.30	36.513	26.36
350	17.54	36.429	26.48
400	16.83	36.328	26.58
432	16.44	36.264	26.62

RES-STACS18-85 CTD 9 RESEARCHER
Date 04 20 85 Latitude 29.157 N
Time 0614 Z Longitude 74.815 W



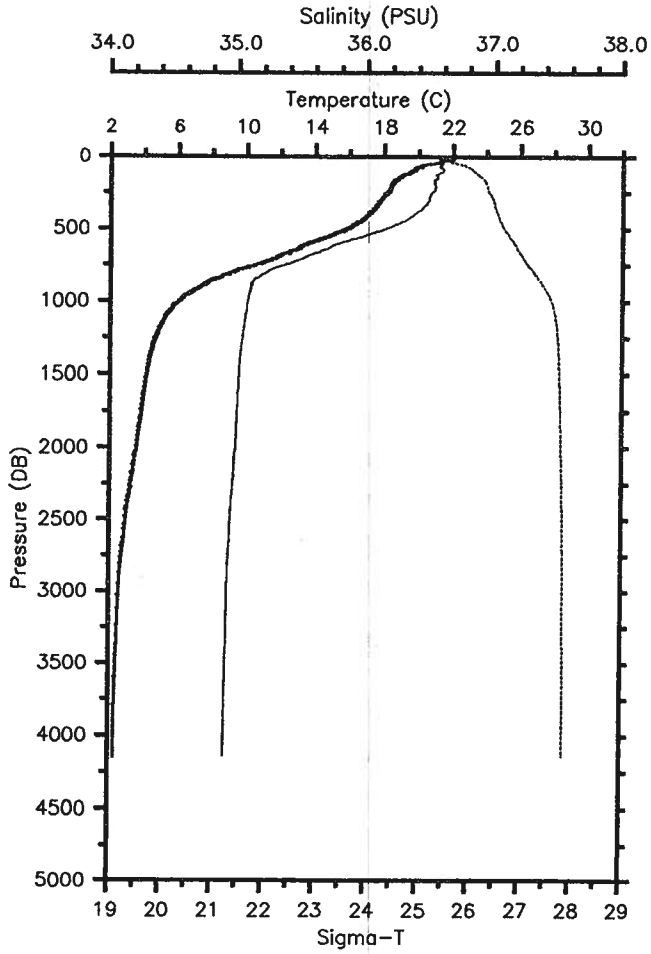
Prs	Tem	Sal	SigT
0	22.71	36.574	25.21
10	22.70	36.576	25.22
20	22.68	36.572	25.22
30	22.31	36.577	25.33
40	22.12	36.593	25.40
50	21.95	36.581	25.44
60	21.82	36.605	25.49
70	21.75	36.634	25.53
80	21.61	36.633	25.57
90	21.23	36.629	25.67
100	21.01	36.626	25.73
110	20.79	36.618	25.79
120	20.69	36.641	25.83
130	20.27	36.608	25.92
140	20.08	36.606	25.97
150	19.90	36.599	26.01
160	19.55	36.576	26.08
170	19.41	36.570	26.12
180	19.25	36.561	26.15
190	19.09	36.556	26.19
200	19.01	36.552	26.21
250	18.49	36.529	26.32
300	18.17	36.514	26.39
350	17.75	36.466	26.46
400	17.35	36.420	26.52
450	16.90	36.341	26.57
500	15.92	36.172	26.67
550	14.77	35.973	26.77
600	14.03	35.837	26.83
650	13.57	35.762	26.87
700	12.89	35.654	26.92
750	12.37	35.575	26.96
800	11.78	35.529	27.04
850	10.49	35.361	27.15
900	9.40	35.240	27.24
950	8.52	35.164	27.32
1000	7.57	35.120	27.43
1500	4.44	35.027	27.76
2000	3.75	34.996	27.81
2500	3.22	34.962	27.83
3000	2.76	34.933	27.85
3500	2.38	34.911	27.87
4000	2.25	34.899	27.87
4034	2.25	34.898	27.87

RES-STACS18-85 CTD 10 RESEARCHER
Date 04 20 85 Latitude 28.693 N
Time 1919 Z Longitude 75.112 W



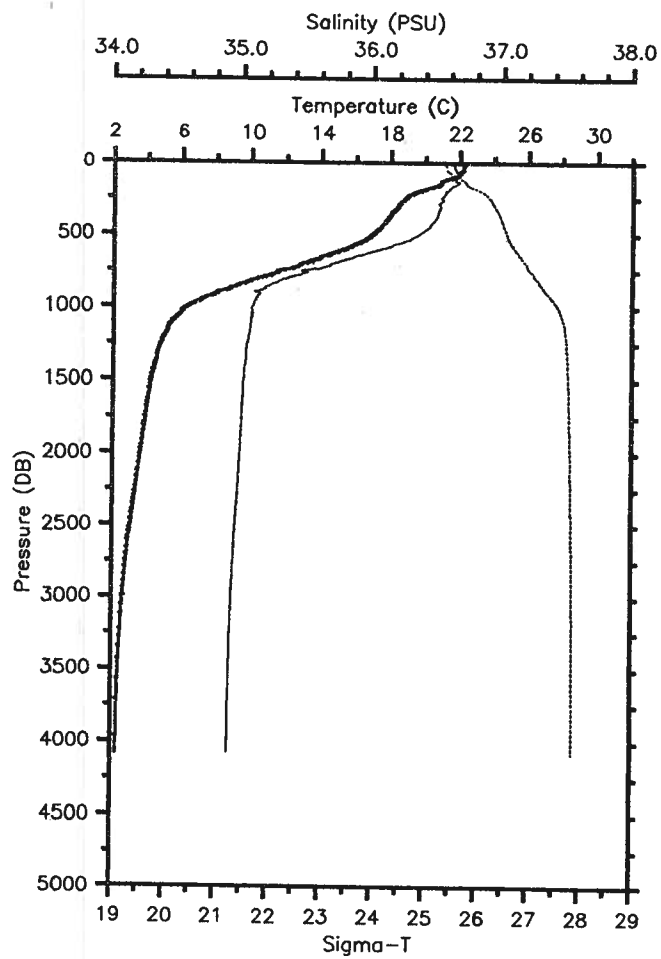
Prs	Tem	Sal	SigT
0	22.14	36.419	25.26
10	21.45	36.588	25.58
20	21.26	36.588	25.63
30	21.14	36.588	25.67
40	20.56	36.588	25.82
50	20.44	36.585	25.86
60	20.21	36.584	25.92
70	20.01	36.574	25.96
80	19.75	36.561	26.02
90	19.44	36.567	26.11
100	19.29	36.560	26.14
110	19.11	36.552	26.18
120	18.89	36.523	26.21
130	18.76	36.513	26.24
140	18.70	36.518	26.26
150	18.62	36.517	26.28
160	18.56	36.528	26.30
170	18.48	36.526	26.32
180	18.43	36.524	26.33
190	18.37	36.523	26.35
200	18.35	36.523	26.35
250	18.01	36.491	26.41
300	17.69	36.461	26.47
350	17.41	36.424	26.51
400	17.11	36.380	26.55
450	16.54	36.280	26.61
500	15.85	36.156	26.67
550	15.05	36.020	26.75
600	14.12	35.872	26.84
650	13.04	35.703	26.93
700	11.90	35.536	27.03
750	10.86	35.406	27.12
800	9.61	35.261	27.22
850	8.76	35.184	27.30
900	7.75	35.120	27.41
950	6.72	35.090	27.53
1000	6.19	35.078	27.59
1500	4.28	35.012	27.77
2000	3.69	34.988	27.81
2500	3.14	34.957	27.84
3000	2.70	34.931	27.86
3500	2.40	34.913	27.87
4000	2.30	34.903	27.87
4152	2.29	34.901	27.87

RES-STACS18-85 CTD 11 RESEARCHER
Date 04 21 85 Latitude 28.242 N
Time 0803 Z Longitude 75.343 W



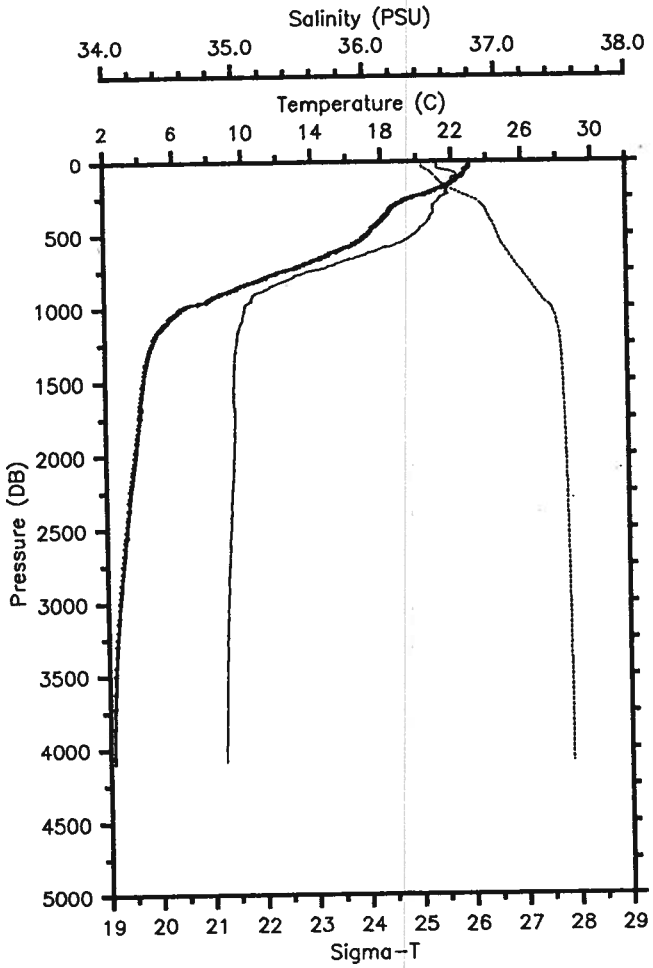
Prs	Tem	Sal	SigT
0	22.05	36.554	25.39
10	22.03	36.556	25.39
20	21.88	36.568	25.44
30	21.42	36.579	25.58
40	21.25	36.584	25.63
50	20.70	36.586	25.79
60	20.29	36.570	25.88
70	20.04	36.564	25.95
80	19.88	36.583	26.00
90	19.77	36.596	26.04
100	19.60	36.592	26.08
110	19.51	36.581	26.10
120	19.26	36.552	26.14
130	19.01	36.534	26.19
140	18.97	36.545	26.21
150	18.81	36.541	26.25
160	18.65	36.526	26.28
170	18.58	36.527	26.30
180	18.52	36.526	26.31
190	18.44	36.523	26.33
200	18.42	36.528	26.34
250	18.17	36.501	26.38
300	17.80	36.483	26.46
350	17.50	36.437	26.50
400	17.05	36.384	26.55
450	16.54	36.273	26.60
500	15.80	36.147	26.68
550	14.81	35.984	26.77
600	13.59	35.788	26.88
650	12.71	35.650	26.95
700	11.67	35.514	27.05
750	10.48	35.358	27.15
800	9.16	35.221	27.27
850	8.01	35.122	27.37
900	7.25	35.102	27.46
950	6.57	35.084	27.54
1000	6.02	35.074	27.61
1500	4.17	35.008	27.77
2000	3.59	34.983	27.81
2500	2.96	34.944	27.84
3000	2.59	34.923	27.86
3500	2.42	34.912	27.87
4000	2.34	34.905	27.87
4140	2.34	34.903	27.87

RES-STACS18-85 CTD 12 RESEARCHER
Date 04 21 85 Latitude 27.793 N
Time 1904 Z Longitude 75.637 W



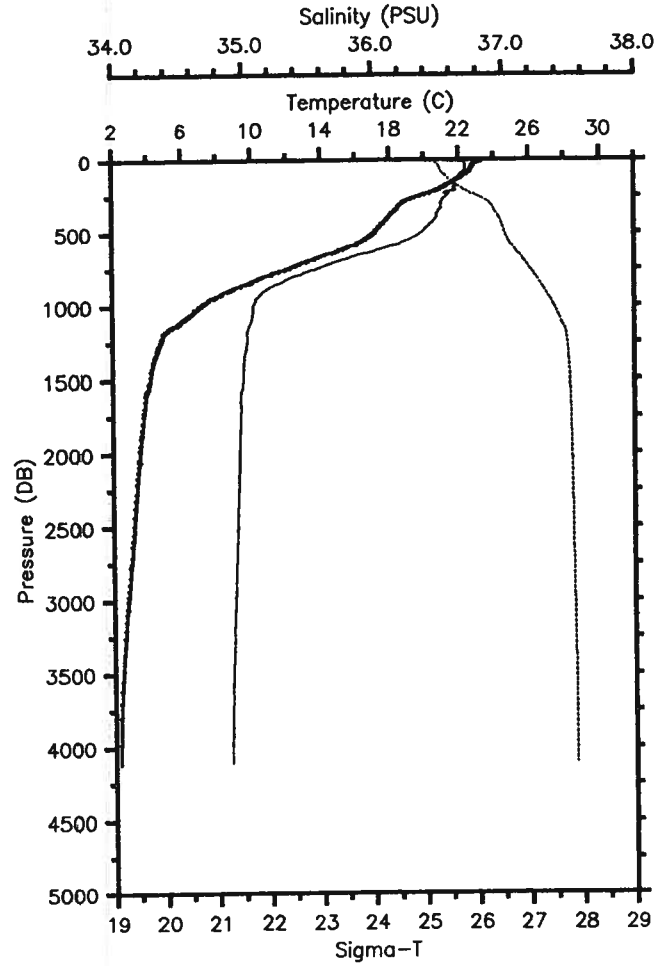
Prs	Tem	Sal	SigT
0	22.33	36.555	25.31
10	22.25	36.604	25.37
20	22.21	36.619	25.39
30	22.20	36.623	25.40
40	22.20	36.624	25.40
50	22.19	36.631	25.41
60	22.12	36.634	25.43
70	22.02	36.656	25.47
80	21.97	36.659	25.49
90	21.87	36.645	25.51
100	21.54	36.619	25.58
110	21.34	36.630	25.64
120	21.11	36.630	25.71
130	20.93	36.637	25.76
140	20.92	36.655	25.78
150	20.81	36.639	25.79
160	20.61	36.617	25.83
170	20.34	36.597	25.89
180	20.04	36.588	25.96
190	19.80	36.578	26.02
200	19.51	36.559	26.08
250	18.81	36.530	26.24
300	18.44	36.511	26.32
350	18.05	36.498	26.41
400	17.75	36.469	26.46
450	17.42	36.429	26.51
500	16.90	36.342	26.57
550	16.27	36.230	26.63
600	15.27	36.061	26.73
650	14.02	35.855	26.84
700	12.87	35.681	26.95
750	11.50	35.446	27.03
800	10.42	35.343	27.15
850	9.20	35.206	27.25
900	8.02	35.100	27.35
950	7.14	35.101	27.48
1000	6.29	35.075	27.58
1500	4.22	35.010	27.77
2000	3.62	34.983	27.81
2500	3.06	34.951	27.84
3000	2.64	34.924	27.86
3500	2.40	34.911	27.87
4000	2.30	34.903	27.87
4074	2.29	34.900	27.87

RES-STACS18-85 CTD 15 RESEARCHER
Date 04 23 85 Latitude 26.918 N
Time 0439 Z Longitude 76.148 W



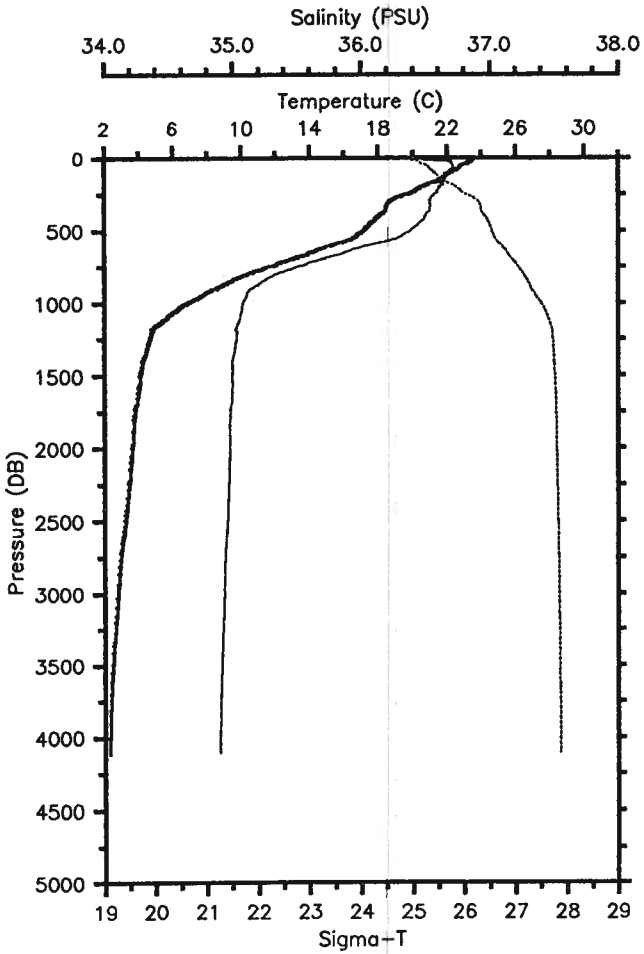
Prs	Tem	Sal	SigT
0	23.07	36.560	25.10
10	23.07	36.561	25.10
20	23.08	36.559	25.10
30	23.07	36.559	25.10
40	23.02	36.559	25.11
50	22.91	36.566	25.15
60	22.78	36.618	25.23
70	22.78	36.670	25.27
80	22.74	36.699	25.30
90	22.68	36.709	25.32
100	22.62	36.705	25.34
110	22.42	36.674	25.37
120	22.31	36.669	25.40
130	22.22	36.674	25.43
140	22.09	36.662	25.48
150	21.97	36.661	25.49
160	21.87	36.656	25.51
170	21.65	36.642	25.56
180	21.49	36.639	25.61
190	21.24	36.629	25.67
200	21.05	36.632	25.72
250	19.75	36.589	26.04
300	18.81	36.533	26.24
350	18.42	36.528	26.34
400	18.04	36.501	26.41
450	17.55	36.441	26.49
500	17.18	36.387	26.54
550	16.65	36.300	26.60
600	15.67	36.124	26.69
650	14.74	35.967	26.78
700	13.58	35.781	26.88
750	12.32	35.585	26.98
800	11.15	35.440	27.09
850	9.95	35.298	27.19
900	8.86	35.172	27.28
950	7.95	35.139	27.39
1000	6.50	35.078	27.55
1500	4.22	34.995	27.76
2000	3.72	34.988	27.81
2500	3.17	34.958	27.84
3000	2.72	34.930	27.85
3500	2.40	34.911	27.87
4000	2.27	34.899	27.87
4086	2.26	34.898	27.87

RES-STACS18-85 CTD 16 RESEARCHER
Date 04 23 85 Latitude 26.553 N
Time 1507 Z Longitude 76.402 W



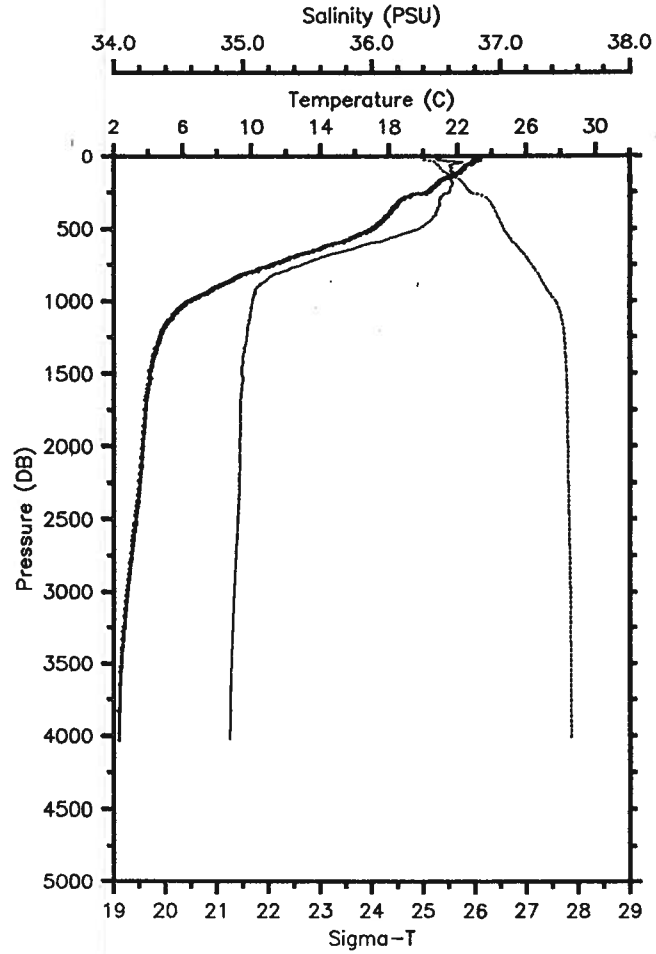
Prs	Tem	Sal	SigT
0	23.30	36.560	25.03
10	23.29	36.563	25.04
20	23.13	36.693	25.18
30	22.89	36.717	25.27
40	22.83	36.717	25.29
50	22.80	36.719	25.30
60	22.75	36.720	25.31
70	22.72	36.719	25.32
80	22.65	36.717	25.34
90	22.51	36.692	25.36
100	22.36	36.678	25.39
110	22.23	36.669	25.42
120	22.15	36.667	25.44
130	21.98	36.654	25.48
140	21.81	36.649	25.53
150	21.69	36.646	25.56
160	21.58	36.640	25.58
170	21.36	36.639	25.64
180	21.27	36.651	25.68
190	21.07	36.629	25.72
200	20.93	36.634	25.76
250	19.68	36.572	26.05
300	18.69	36.533	26.27
350	18.30	36.515	26.36
400	17.92	36.498	26.44
450	17.50	36.442	26.50
500	17.15	36.385	26.54
550	16.58	36.291	26.61
600	15.60	36.120	26.70
650	14.26	35.892	26.82
700	13.11	35.719	26.93
750	12.02	35.564	27.02
800	10.70	35.388	27.13
850	9.67	35.268	27.22
900	8.60	35.160	27.31
950	7.69	35.105	27.40
1000	7.10	35.085	27.47
1500	4.21	35.007	27.77
2000	3.57	34.974	27.81
2500	3.21	34.956	27.83
3000	2.82	34.934	27.85
3500	2.48	34.915	27.86
4000	2.31	34.902	27.87
4106	2.30	34.900	27.87

RES-STACS18-85 CTD 17 RESEARCHER
Date 04 24 85 Latitude 26.567 N
Time 0103 Z Longitude 76.533 W



Prs	Tem	Sal	SigT
0	23.59	36.506	24.91
10	23.38	36.491	24.96
20	23.36	36.527	24.99
30	23.32	36.703	25.14
40	23.13	36.697	25.19
50	22.87	36.716	25.28
60	22.76	36.716	25.31
70	22.68	36.712	25.33
80	22.54	36.695	25.35
90	22.35	36.682	25.40
100	22.19	36.669	25.43
110	22.00	36.648	25.47
120	21.96	36.655	25.49
130	21.88	36.659	25.51
140	21.78	36.651	25.54
150	21.55	36.646	25.60
160	21.46	36.646	25.62
170	21.16	36.627	25.69
180	20.92	36.640	25.77
190	20.73	36.633	25.81
200	20.49	36.599	25.85
250	19.65	36.568	26.05
300	18.64	36.537	26.29
350	18.46	36.537	26.34
400	18.03	36.493	26.41
450	17.57	36.452	26.49
500	17.15	36.387	26.54
550	16.57	36.287	26.61
600	15.30	36.069	26.73
650	14.07	35.872	26.85
700	12.84	35.681	26.95
750	11.54	35.499	27.07
800	10.36	35.347	27.16
850	9.35	35.237	27.25
900	8.46	35.143	27.32
950	7.68	35.110	27.41
1000	6.87	35.084	27.50
1500	4.13	34.999	27.77
2000	3.66	34.979	27.80
2500	3.27	34.961	27.83
3000	2.81	34.934	27.85
3500	2.50	34.916	27.86
4000	2.33	34.903	27.87
4104	2.31	34.901	27.87

RES-STACS18-85 CTD 18 RESEARCHER
Date 04 24 85 Latitude 26.553 N
Time 1026 Z Longitude 76.663 W

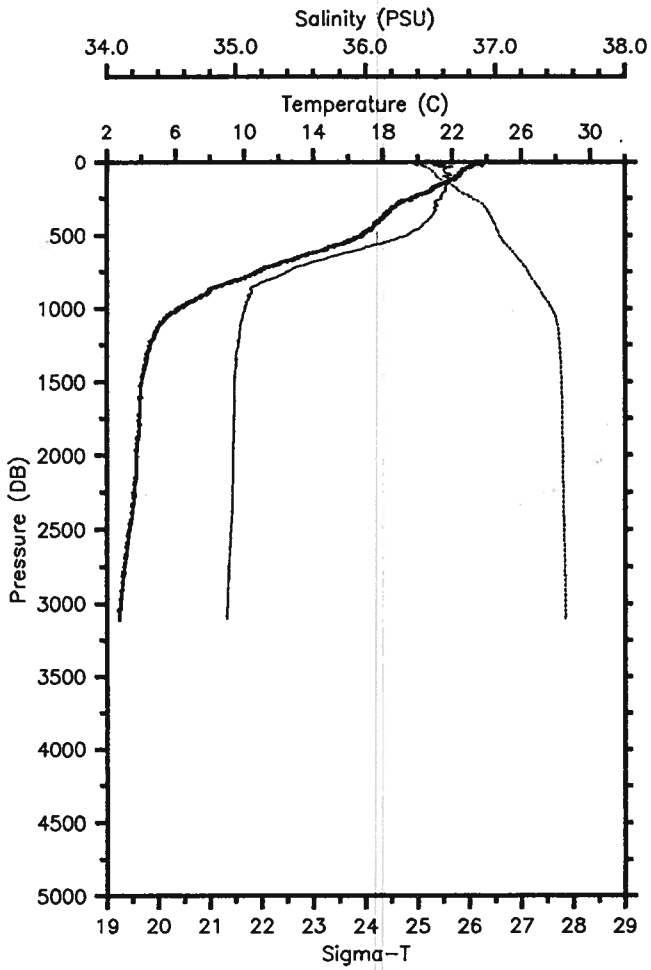


Prs	Tem	Sal	SigT
0	23.35	36.500	24.97
10	23.35	36.499	24.97
20	23.35	36.511	24.98
30	23.01	36.522	25.09
40	22.89	36.665	25.23
50	22.86	36.681	25.25
60	22.61	36.623	25.28
70	22.47	36.611	25.31
80	22.39	36.610	25.33
90	22.33	36.615	25.35
100	22.20	36.608	25.38
110	22.17	36.632	25.41
120	21.96	36.627	25.47
130	21.81	36.639	25.52
140	21.50	36.636	25.60
150	21.28	36.629	25.66
160	21.11	36.617	25.70
170	20.98	36.617	25.73
180	20.92	36.629	25.76
190	20.80	36.629	25.79
200	20.74	36.624	25.80
250	20.20	36.602	25.93
300	18.69	36.527	26.27
350	18.30	36.516	26.36
400	17.97	36.501	26.43
450	17.56	36.443	26.49
500	17.04	36.365	26.55
550	16.08	36.196	26.65
600	14.81	35.975	26.77
650	13.65	35.807	26.89
700	12.23	35.594	27.01
750	11.19	35.456	27.10
800	9.96	35.304	27.20
850	8.94	35.193	27.28
900	8.01	35.116	27.36
950	7.26	35.093	27.46
1000	6.34	35.074	27.57
1500	4.10	34.990	27.77
2000	3.69	34.979	27.80
2500	3.31	34.963	27.83
3000	2.80	34.934	27.85
3500	2.47	34.914	27.86
4000	2.32	34.902	27.87
4022	2.32	34.901	27.87

RES-STACS18-85 CTD 19 RESEARCHER

Date 04 24 85 Latitude 26.560 N

Time 1848 Z Longitude 76.748 W

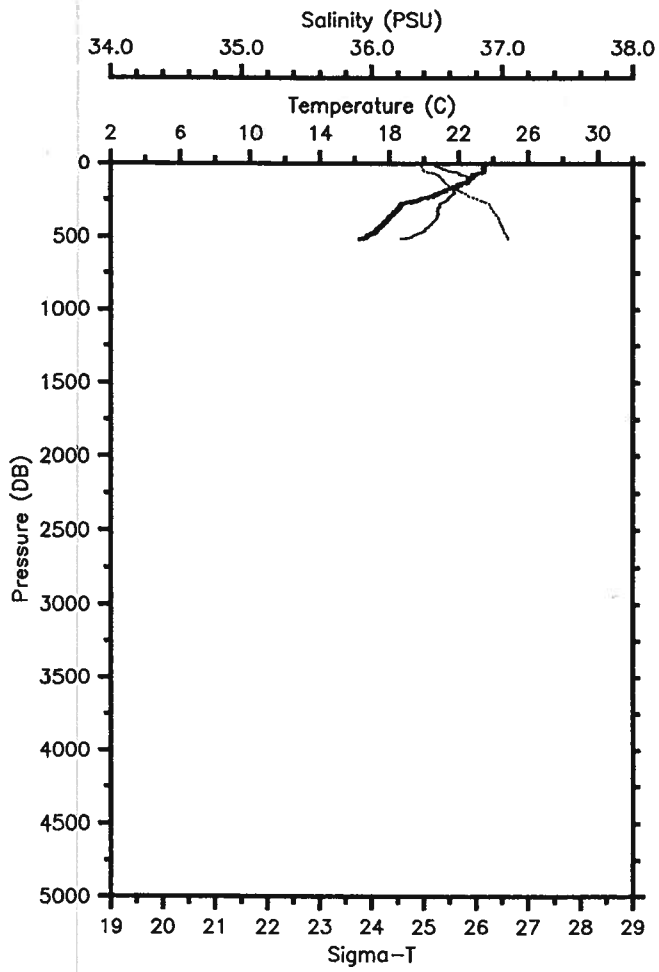


Prs	Tem	Sal	SigT
0	23.82	36.623	24.93
10	23.77	36.619	24.94
20	23.51	36.545	24.96
30	23.12	36.582	25.10
40	22.82	36.608	25.21
50	22.65	36.601	25.25
60	22.55	36.607	25.29
70	22.51	36.610	25.30
80	22.43	36.629	25.34
90	22.39	36.637	25.35
100	22.21	36.598	25.38
110	22.15	36.630	25.42
120	22.10	36.660	25.45
130	21.79	36.642	25.53
140	21.55	36.638	25.59
150	21.39	36.633	25.63
160	21.21	36.624	25.68
170	21.04	36.620	25.72
180	20.89	36.618	25.76
190	20.80	36.618	25.78
200	20.69	36.613	25.81
250	19.67	36.584	26.06
300	18.72	36.553	26.28
350	18.22	36.524	26.39
400	17.79	36.483	26.46
450	17.37	36.419	26.52
500	16.82	36.324	26.58
550	15.81	36.144	26.67
600	14.49	35.938	26.81
650	13.10	35.725	26.93
700	11.82	35.543	27.05
750	10.71	35.391	27.13
800	9.69	35.273	27.22
850	8.44	35.136	27.31
900	7.80	35.122	27.40
950	6.93	35.091	27.50
1000	6.15	35.076	27.59
1500	4.04	34.991	27.77
2000	3.73	34.981	27.80
2500	3.33	34.963	27.82
3000	2.81	34.935	27.85
3102	2.73	34.930	27.85

RES-STACS18-85 CTD 20 RESEARCHER

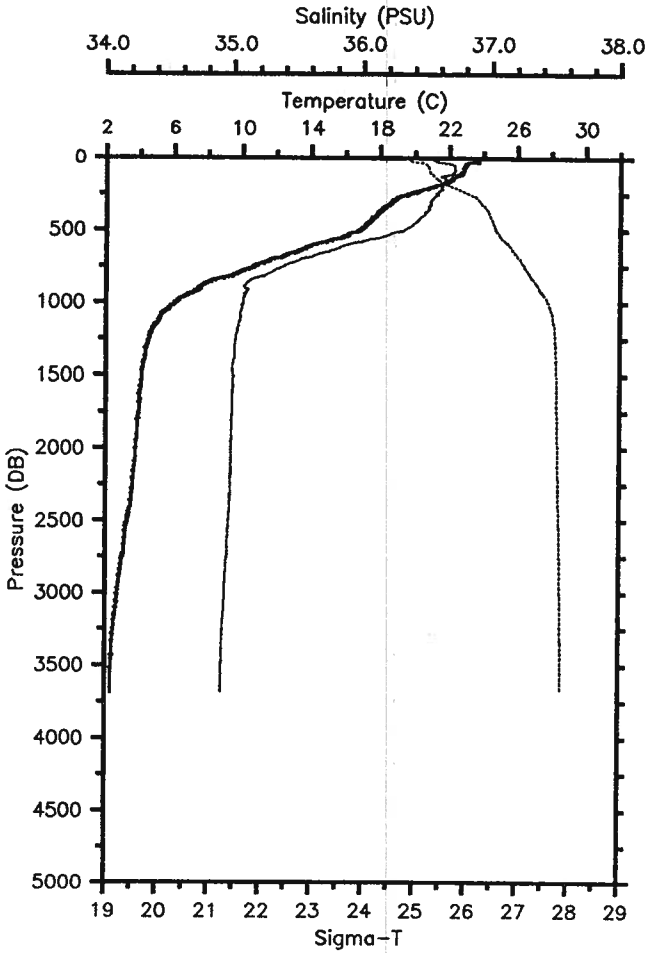
Date 04 25 85 Latitude 26.542 N

Time 0000 Z Longitude 76.872 W



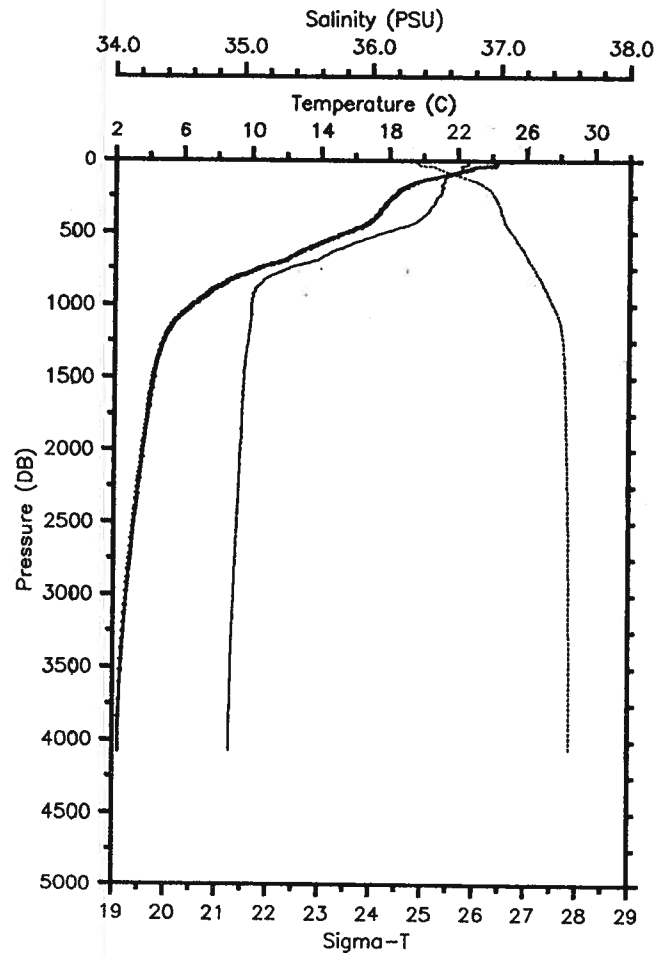
Prs	Tem	Sal	SigT
0	23.51	36.472	24.90
10	23.44	36.476	24.93
20	23.40	36.492	24.95
30	23.42	36.533	24.97
40	23.43	36.548	24.98
50	23.50	36.588	25.00
60	23.42	36.649	25.07
70	22.98	36.668	25.21
80	22.83	36.700	25.27
90	22.83	36.741	25.31
100	22.67	36.727	25.34
110	22.65	36.734	25.35
120	22.59	36.743	25.38
130	22.47	36.728	25.40
140	22.17	36.650	25.43
150	22.00	36.645	25.47
160	21.76	36.638	25.53
170	21.61	36.642	25.58
180	21.31	36.631	25.65
190	21.16	36.630	25.69
200	20.96	36.634	25.75
250	19.64	36.584	26.07
300	18.58	36.514	26.29
350	18.18	36.508	26.38
400	17.74	36.469	26.46
450	17.30	36.411	26.53
500	16.69	36.309	26.59
516	16.31	36.215	26.61

RES-STACS18-85 CTD 21 RESEARCHER
Date 04 25 85 Latitude 26.555 N
Time 2145 Z Longitude 76.768 W



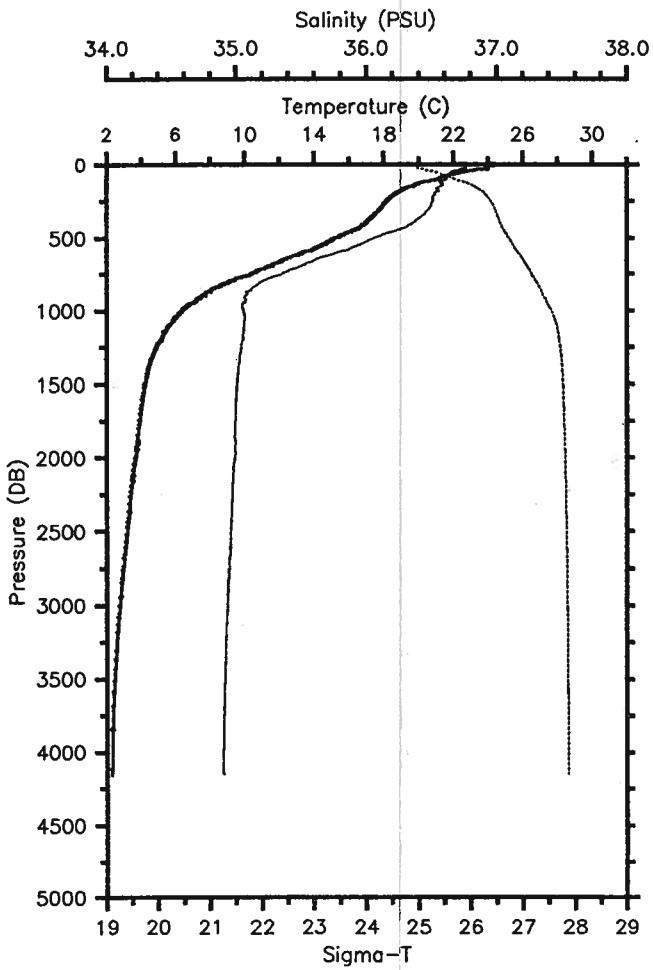
Prs	Tem	Sal	SigT
0	24.07	36.415	24.69
10	23.71	36.514	24.88
20	23.70	36.568	24.92
30	23.25	36.594	25.07
40	23.03	36.672	25.20
50	22.95	36.703	25.24
60	22.92	36.708	25.26
70	22.87	36.706	25.27
80	22.84	36.709	25.28
90	22.81	36.705	25.29
100	22.77	36.701	25.29
110	22.70	36.704	25.32
120	22.42	36.652	25.35
130	22.21	36.603	25.38
140	22.20	36.638	25.41
150	22.04	36.640	25.45
160	21.98	36.648	25.48
170	21.79	36.641	25.53
180	21.57	36.626	25.58
190	21.25	36.614	25.66
200	21.00	36.606	25.72
250	19.63	36.571	26.06
300	18.71	36.523	26.26
350	18.16	36.509	26.39
400	17.74	36.463	26.46
450	17.28	36.401	26.52
500	16.78	36.318	26.58
550	15.81	36.144	26.67
600	14.23	35.887	26.82
650	13.20	35.737	26.92
700	11.72	35.518	27.05
750	10.69	35.389	27.14
800	9.66	35.279	27.23
850	8.19	35.123	27.34
900	7.47	35.084	27.42
950	6.76	35.082	27.52
1000	6.02	35.071	27.61
1500	4.14	34.996	27.77
2000	3.77	34.981	27.80
2500	3.31	34.961	27.82
3000	2.73	34.930	27.85
3500	2.37	34.907	27.87
3680	2.33	34.905	27.87

RES-STACS18-85 CTD 22 RESEARCHER
Date 04 26 85 Latitude 24.298 N
Time 2353 Z Longitude 72.033 W



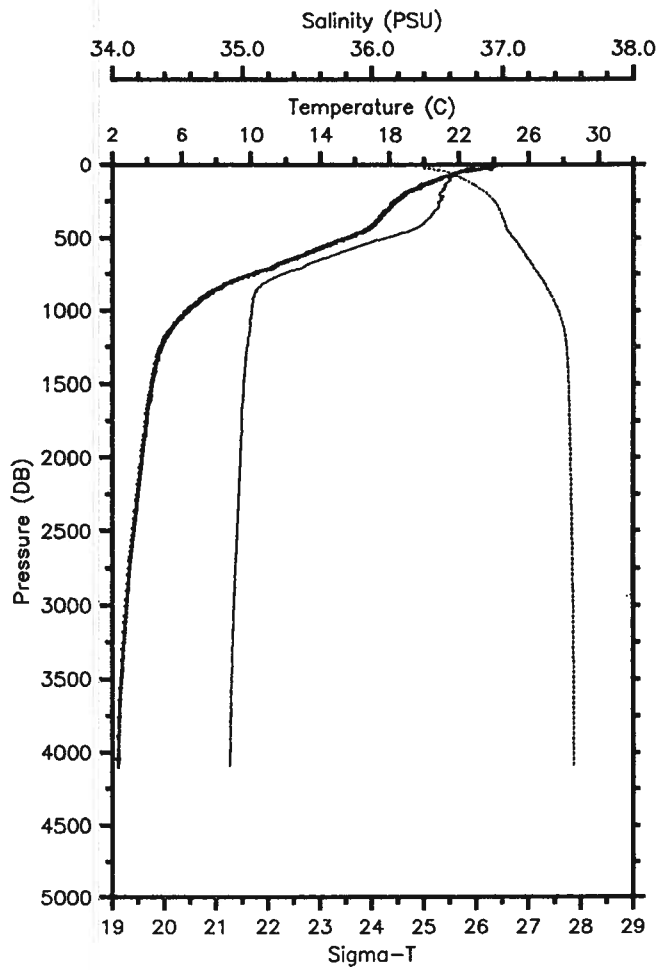
Prs	Tem	Sal	SigT
0	25.11	36.667	24.57
10	24.42	36.727	24.83
20	24.24	36.744	24.89
30	24.16	36.747	24.92
40	23.43	36.685	25.09
50	22.89	36.702	25.26
60	22.75	36.701	25.30
70	22.36	36.672	25.39
80	22.07	36.652	25.45
90	21.68	36.627	25.55
100	21.36	36.610	25.62
110	21.03	36.594	25.70
120	20.64	36.576	25.79
130	20.18	36.567	25.91
140	19.94	36.563	25.97
150	19.67	36.568	26.05
160	19.38	36.549	26.11
170	19.19	36.539	26.15
180	19.06	36.550	26.19
190	18.85	36.547	26.24
200	18.69	36.543	26.28
250	18.21	36.518	26.38
300	17.85	36.485	26.45
350	17.50	36.443	26.50
400	17.10	36.381	26.55
450	16.56	36.286	26.61
500	15.49	36.101	26.71
550	14.44	35.933	26.81
600	13.47	35.789	26.91
650	12.60	35.664	26.99
700	11.71	35.536	27.06
750	10.39	35.350	27.16
800	9.22	35.213	27.25
850	8.45	35.148	27.32
900	7.62	35.086	27.40
950	7.12	35.070	27.46
1000	6.53	35.062	27.53
1500	4.28	35.011	27.77
2000	3.67	34.982	27.81
2500	3.17	34.956	27.83
3000	2.77	34.934	27.85
3500	2.47	34.916	27.87
4000	2.33	34.904	27.87
4072	2.32	34.903	27.87

RES-STACS18-85 CTD 23 RESEARCHER
Date 04 27 85 Latitude 23.962 N
Time 0429 Z Longitude 72.082 W



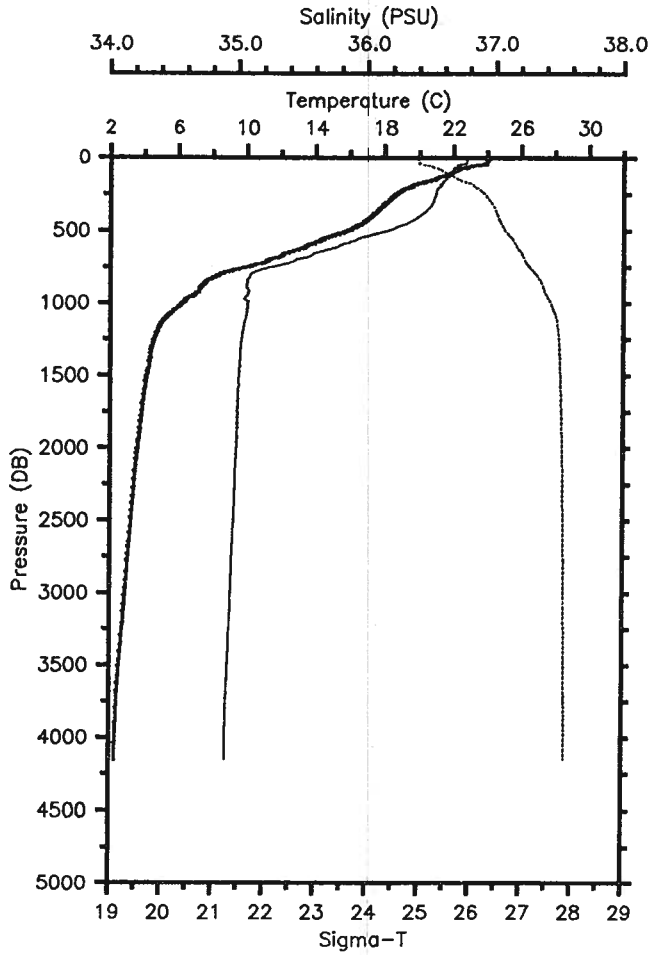
Prs	Tem	Sal	SigT
0	24.29	36.781	24.91
10	24.03	36.765	24.97
20	24.00	36.765	24.98
30	23.77	36.736	25.03
40	23.22	36.709	25.17
50	22.65	36.651	25.29
60	22.26	36.645	25.40
70	21.80	36.634	25.52
80	21.55	36.624	25.58
90	21.29	36.619	25.65
100	21.07	36.615	25.71
110	20.76	36.603	25.78
120	20.25	36.563	25.89
130	19.94	36.573	25.98
140	19.79	36.587	26.03
150	19.51	36.561	26.08
160	19.30	36.547	26.13
170	19.10	36.548	26.18
180	18.97	36.558	26.22
190	18.76	36.530	26.25
200	18.60	36.522	26.29
250	18.18	36.510	26.39
300	17.79	36.484	26.46
350	17.37	36.425	26.52
400	16.92	36.353	26.57
450	16.21	36.229	26.64
500	15.25	36.063	26.74
550	14.46	35.938	26.82
600	13.38	35.782	26.92
650	12.27	35.615	27.02
700	11.37	35.492	27.09
750	10.36	35.359	27.17
800	9.20	35.210	27.25
850	8.19	35.123	27.34
900	7.57	35.073	27.40
950	6.93	35.055	27.47
1000	6.41	35.060	27.55
1500	4.24	35.009	27.77
2000	3.72	34.993	27.81
2500	3.21	34.961	27.83
3000	2.80	34.936	27.85
3500	2.47	34.916	27.87
4000	2.34	34.904	27.87
4150	2.32	34.902	27.87

RES-STACS18-85 CTD 24 RESEARCHER
Date 04 27 85 Latitude 23.707 N
Time 0903 Z Longitude 72.307 W



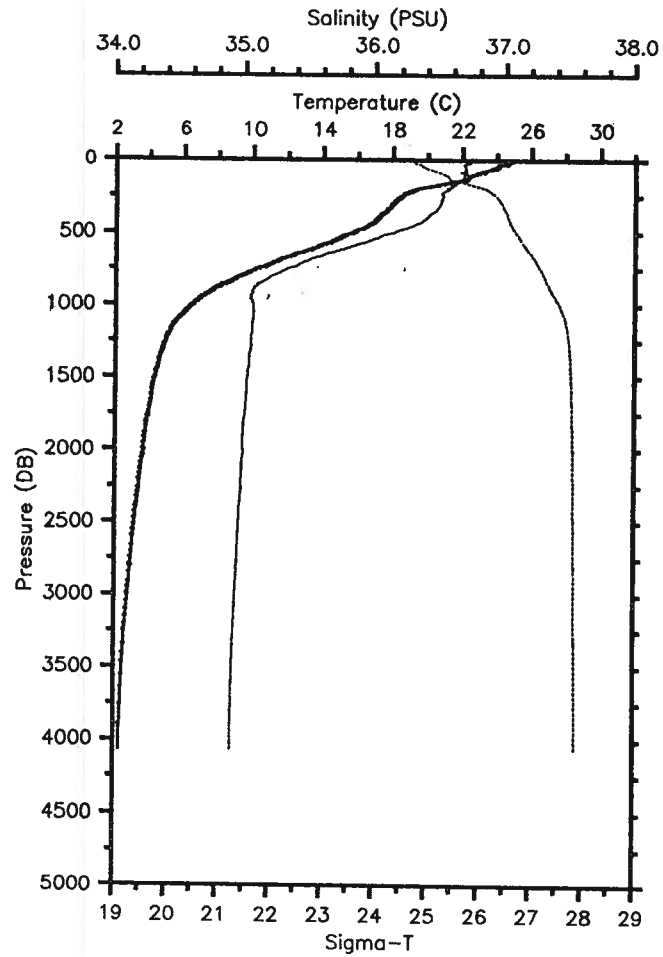
Prs	Tem	Sal	SigT
0	24.06	36.794	24.98
10	23.93	36.773	25.01
20	23.90	36.780	25.02
30	23.28	36.717	25.16
40	22.79	36.696	25.28
50	22.14	36.671	25.45
60	21.80	36.619	25.51
70	21.63	36.622	25.56
80	21.35	36.615	25.63
90	21.03	36.604	25.71
100	20.79	36.599	25.77
110	20.55	36.597	25.83
120	20.37	36.578	25.87
130	20.09	36.564	25.93
140	19.90	36.558	25.98
150	19.79	36.563	26.01
160	19.63	36.556	26.05
170	19.37	36.550	26.11
180	19.17	36.544	26.16
190	18.98	36.524	26.19
200	18.88	36.519	26.22
250	18.34	36.519	26.35
300	17.98	36.505	26.43
350	17.55	36.454	26.50
400	17.18	36.400	26.55
450	16.62	36.300	26.60
500	15.53	36.103	26.70
550	14.40	35.925	26.82
600	13.30	35.754	26.92
650	12.24	35.600	27.01
700	11.29	35.474	27.09
750	10.07	35.309	27.18
800	8.90	35.193	27.29
850	8.08	35.120	27.36
900	7.39	35.090	27.43
950	6.83	35.080	27.51
1000	6.32	35.073	27.57
1500	4.29	35.013	27.77
2000	3.71	34.986	27.80
2500	3.23	34.962	27.83
3000	2.82	34.937	27.85
3500	2.53	34.920	27.86
4000	2.36	34.907	27.87
4092	2.35	34.905	27.87

RES-STACS18-85 CTD 25 RESEARCHER
Date 04 27 85 Latitude 23.390 N
Time 1346 Z Longitude 72.450 W



Prs	Tem	Sal	SigT
0	24.07	36.772	24.96
10	24.04	36.767	24.97
20	23.99	36.768	24.99
30	23.96	36.768	24.99
40	23.92	36.763	25.00
50	23.34	36.699	25.13
60	22.96	36.717	25.25
70	22.57	36.669	25.33
80	22.28	36.669	25.41
90	22.14	36.677	25.46
100	21.92	36.669	25.51
110	21.75	36.653	25.55
120	21.62	36.637	25.57
130	21.15	36.617	25.69
140	21.00	36.611	25.72
150	20.75	36.605	25.79
160	20.43	36.588	25.86
170	20.14	36.588	25.94
180	19.76	36.565	26.02
190	19.63	36.570	26.06
200	19.42	36.562	26.11
250	18.61	36.528	26.29
300	18.15	36.511	26.39
350	17.66	36.465	26.48
400	17.20	36.397	26.54
450	16.65	36.304	26.60
500	15.81	36.155	26.68
550	14.51	35.946	26.81
600	13.52	35.787	26.90
650	12.28	35.597	27.00
700	11.26	35.443	27.07
750	9.92	35.254	27.16
800	8.40	35.093	27.29
850	7.61	35.069	27.39
900	7.20	35.070	27.45
950	6.82	35.068	27.50
1000	6.21	35.073	27.58
1500	4.15	35.002	27.77
2000	3.64	34.986	27.81
2500	3.26	34.964	27.83
3000	2.92	34.943	27.85
3500	2.59	34.924	27.86
4000	2.38	34.908	27.87
4148	2.35	34.905	27.87

RES-STACS18-85 CTD 26 RESEARCHER
Date 04 27 85 Latitude 23.100 N
Time 2026 Z Longitude 72.510 W

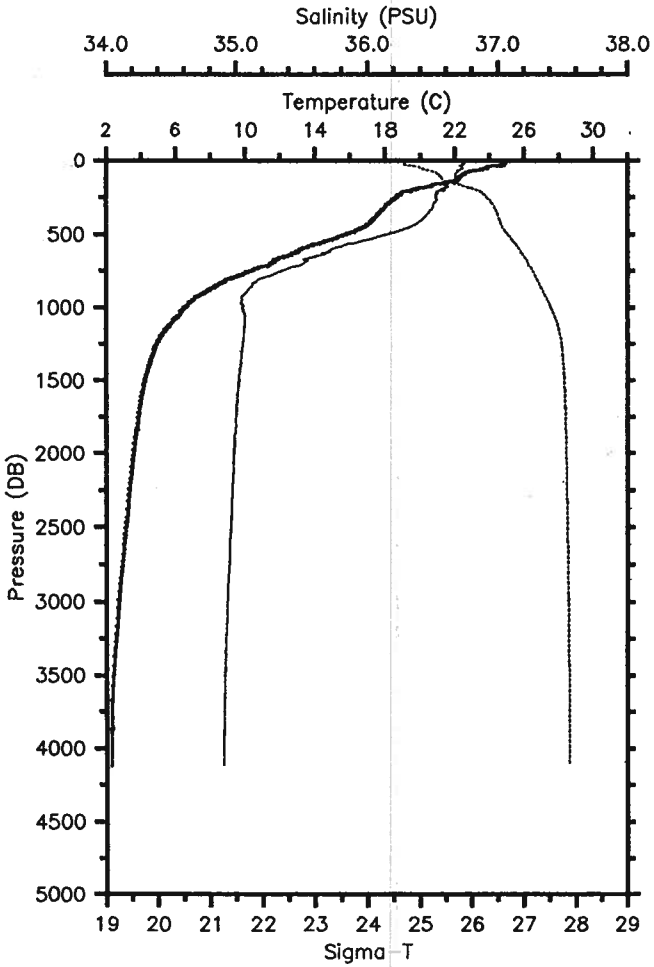


Prs	Tem	Sal	SigT
0	24.89	36.739	24.69
10	24.73	36.707	24.72
20	24.64	36.722	24.76
30	24.28	36.672	24.83
40	24.08	36.685	24.89
50	23.96	36.684	24.93
60	23.76	36.688	24.99
70	23.46	36.685	25.08
80	23.14	36.679	25.17
90	22.87	36.690	25.25
100	22.62	36.684	25.32
110	22.40	36.676	25.38
120	22.31	36.673	25.40
130	22.23	36.672	25.43
140	21.89	36.669	25.52
150	21.37	36.646	25.65
160	21.03	36.614	25.72
170	20.61	36.612	25.83
180	20.13	36.587	25.94
190	19.75	36.577	26.03
200	19.37	36.562	26.12
250	18.48	36.517	26.32
300	18.00	36.495	26.42
350	17.60	36.456	26.49
400	17.13	36.387	26.55
450	16.58	36.290	26.61
500	15.71	36.140	26.69
550	14.69	35.975	26.79
600	13.62	35.803	26.89
650	12.34	35.613	27.00
700	11.28	35.456	27.08
750	10.21	35.326	27.17
800	9.27	35.212	27.24
850	8.38	35.111	27.30
900	7.61	35.057	27.38
950	6.97	35.051	27.46
1000	6.49	35.063	27.54
1500	4.31	35.022	27.77
2000	3.67	34.990	27.81
2500	3.16	34.960	27.84
3000	2.78	34.935	27.85
3500	2.48	34.916	27.86
4000	2.33	34.904	27.87
4062	2.33	34.903	27.87

RES-STACS18-85 CTD 27 RESEARCHER

Date 04 28 85 Latitude 22.813 N

Time 0056 Z Longitude 72.603 W

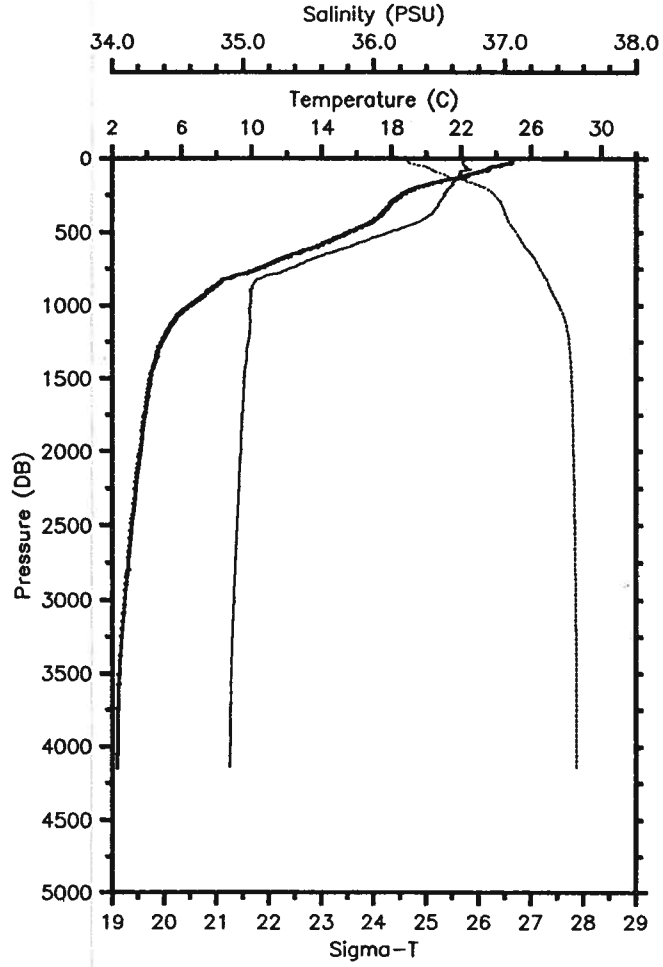


Prs	Tem	Sal	SigT
0	24.87	36.740	24.70
10	24.89	36.740	24.69
20	24.88	36.736	24.69
30	24.74	36.718	24.72
40	24.04	36.722	24.93
50	23.84	36.725	25.00
60	23.59	36.719	25.07
70	23.05	36.696	25.21
80	22.72	36.687	25.30
90	22.56	36.674	25.33
100	22.39	36.673	25.38
110	22.30	36.673	25.41
120	22.25	36.674	25.42
130	22.16	36.672	25.45
140	21.93	36.650	25.49
150	21.43	36.629	25.62
160	20.97	36.595	25.72
170	20.68	36.602	25.80
180	20.35	36.612	25.90
190	19.85	36.589	26.02
200	19.52	36.573	26.09
250	18.59	36.520	26.29
300	18.05	36.503	26.41
350	17.66	36.468	26.48
400	17.28	36.413	26.53
450	16.76	36.325	26.59
500	15.74	36.147	26.69
550	14.48	35.938	26.81
600	13.20	35.727	26.92
650	12.26	35.602	27.01
700	11.49	35.507	27.08
750	10.28	35.346	27.17
800	9.17	35.188	27.24
850	8.34	35.119	27.32
900	7.65	35.074	27.38
950	6.99	35.043	27.45
1000	6.55	35.054	27.52
1500	4.27	35.021	27.77
2000	3.61	34.984	27.81
2500	3.16	34.959	27.84
3000	2.75	34.933	27.85
3500	2.43	34.914	27.87
4000	2.30	34.902	27.87
4114	2.30	34.901	27.87

RES-STACS18-85 CTD 28 RESEARCHER

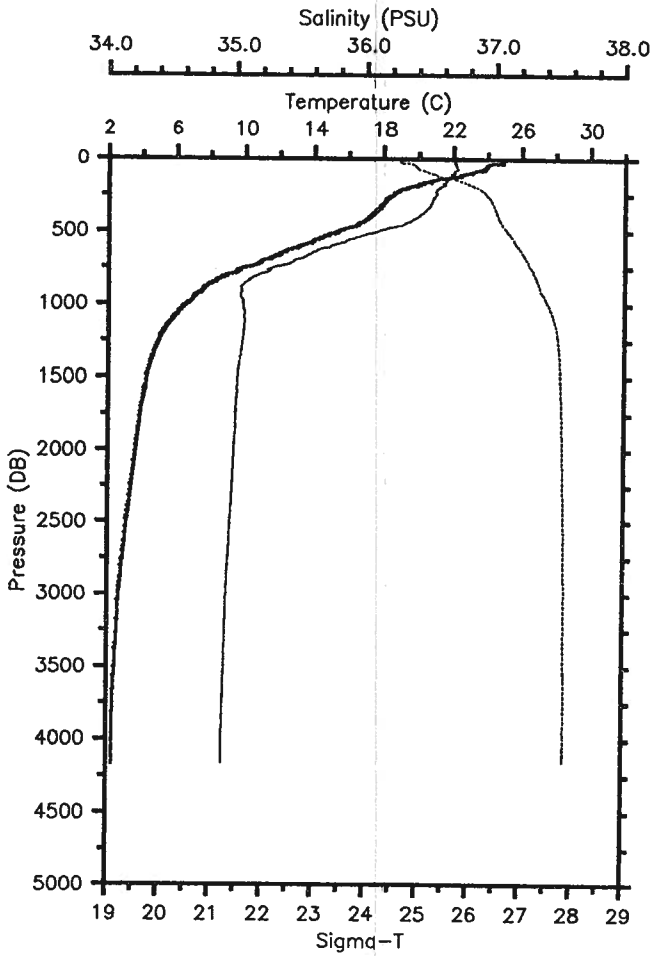
Date 04 28 85 Latitude 22.653 N

Time 0410 Z Longitude 72.685 W



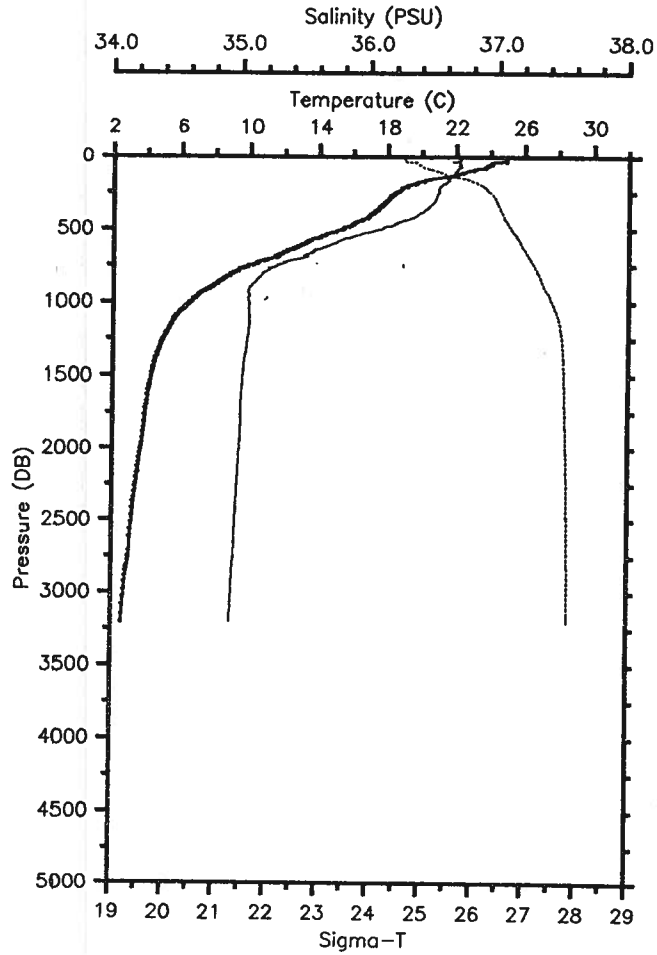
Prs	Tem	Sal	SigT
0	24.93	36.683	24.64
10	24.93	36.684	24.64
20	24.94	36.683	24.64
30	24.88	36.680	24.65
40	24.53	36.676	24.75
50	24.13	36.684	24.88
60	23.74	36.712	25.02
70	23.59	36.717	25.06
80	23.40	36.701	25.11
90	23.03	36.661	25.19
100	22.71	36.654	25.27
110	22.44	36.647	25.35
120	22.26	36.667	25.41
130	21.87	36.634	25.50
140	21.40	36.625	25.62
150	20.88	36.621	25.76
160	20.64	36.611	25.82
170	20.26	36.601	25.92
180	19.93	36.601	26.00
190	19.68	36.585	26.06
200	19.35	36.572	26.13
250	18.57	36.542	26.31
300	18.00	36.500	26.42
350	17.64	36.461	26.48
400	17.21	36.401	26.54
450	16.54	36.283	26.61
500	15.58	36.125	26.71
550	14.62	35.963	26.80
600	13.69	35.810	26.88
650	12.35	35.629	27.01
700	11.27	35.479	27.10
750	10.31	35.348	27.17
800	8.97	35.169	27.26
850	8.09	35.084	27.33
900	7.51	35.050	27.39
950	7.04	35.061	27.46
1000	6.47	35.057	27.54
1500	4.21	35.009	27.77
2000	3.65	34.985	27.81
2500	3.14	34.957	27.84
3000	2.74	34.932	27.85
3500	2.42	34.913	27.87
4000	2.31	34.902	27.87
4138	2.30	34.899	27.87

RES-STACS18-85 CTD 29 RESEARCHER
Date 04 28 85 Latitude 22.575 N
Time 0826 Z Longitude 72.690 W



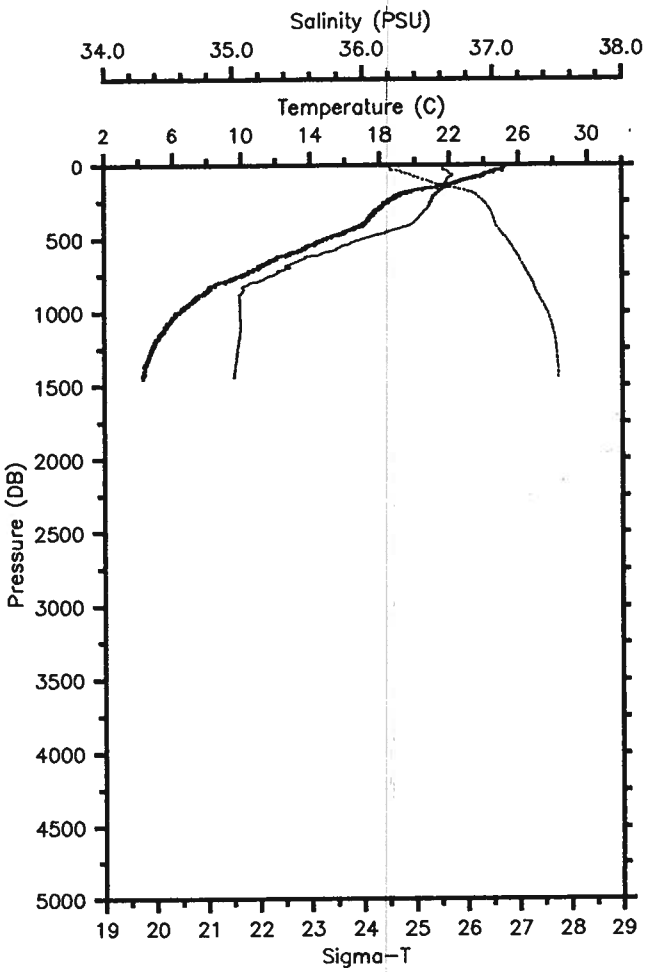
Prs	Tem	Sal	SigT
0	24.89	36.676	24.65
10	24.89	36.676	24.64
20	24.90	36.676	24.64
30	24.67	36.671	24.71
40	24.10	36.679	24.88
50	23.98	36.690	24.93
60	23.89	36.691	24.96
70	23.81	36.700	24.99
80	23.56	36.680	25.05
90	23.13	36.674	25.17
100	22.90	36.674	25.23
110	22.56	36.651	25.31
120	22.38	36.657	25.37
130	21.84	36.636	25.51
140	21.19	36.624	25.68
150	20.82	36.605	25.77
160	20.55	36.605	25.84
170	20.21	36.597	25.93
180	19.97	36.604	25.99
190	19.66	36.585	26.06
200	19.30	36.555	26.13
250	18.52	36.533	26.32
300	18.02	36.502	26.42
350	17.64	36.460	26.48
400	17.17	36.394	26.54
450	16.54	36.288	26.61
500	15.41	36.091	26.72
550	14.31	35.908	26.82
600	13.20	35.729	26.92
650	12.15	35.587	27.02
700	11.09	35.450	27.11
750	10.02	35.295	27.18
800	8.99	35.177	27.26
850	8.20	35.078	27.31
900	7.53	35.035	27.37
950	7.00	35.035	27.45
1000	6.56	35.052	27.52
1500	4.27	35.011	27.77
2000	3.64	34.985	27.81
2500	3.11	34.955	27.84
3000	2.67	34.929	27.86
3500	2.47	34.915	27.88
4000	2.34	34.903	27.87
4160	2.34	34.903	27.87

RES-STACS18-85 CTD 30 RESEARCHER
Date 04 28 85 Latitude 22.393 N
Time 1141 Z Longitude 72.663 W



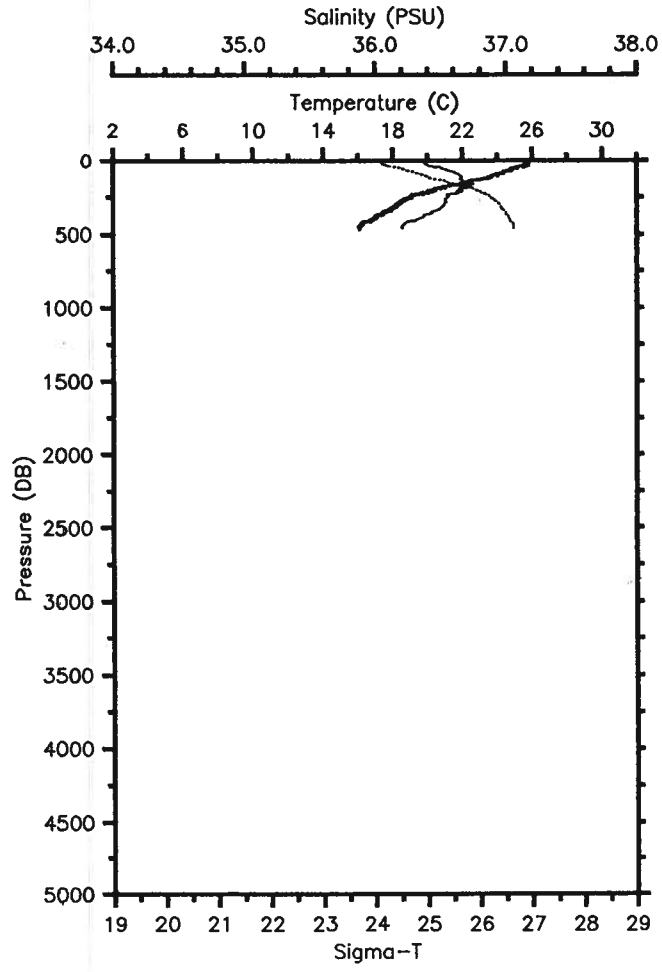
Prs	Tem	Sal	SigT
0	24.90	36.700	24.66
10	24.90	36.700	24.66
20	24.90	36.700	24.66
30	24.89	36.683	24.65
40	24.14	36.675	24.87
50	24.03	36.696	24.92
60	23.85	36.689	24.97
70	23.74	36.705	25.01
80	23.49	36.685	25.07
90	23.04	36.675	25.20
100	22.69	36.670	25.29
110	22.44	36.660	25.36
120	22.09	36.647	25.44
130	21.90	36.630	25.49
140	21.41	36.633	25.63
150	20.63	36.610	25.82
160	20.26	36.607	25.92
170	19.92	36.596	26.00
180	19.66	36.582	26.06
190	19.40	36.560	26.11
200	19.17	36.547	26.16
250	18.46	36.529	26.33
300	17.98	36.500	26.43
350	17.49	36.444	26.50
400	16.98	36.362	26.57
450	16.17	36.216	26.64
500	15.37	36.088	26.73
550	14.10	35.870	26.84
600	13.13	35.714	26.92
650	12.08	35.566	27.01
700	11.25	35.467	27.09
750	9.88	35.269	27.18
800	8.96	35.169	27.26
850	8.27	35.111	27.32
900	7.66	35.061	27.37
950	6.95	35.059	27.47
1000	6.46	35.057	27.54
1500	4.24	35.009	27.77
2000	3.65	34.986	27.81
2500	3.15	34.958	27.84
3000	2.73	34.932	27.86
3202	2.60	34.924	27.86

RES-STACS18-85 CTD 31 RESEARCHER
Date 04 28 85 Latitude 22.403 N
Time 1459 Z Longitude 72.787 W



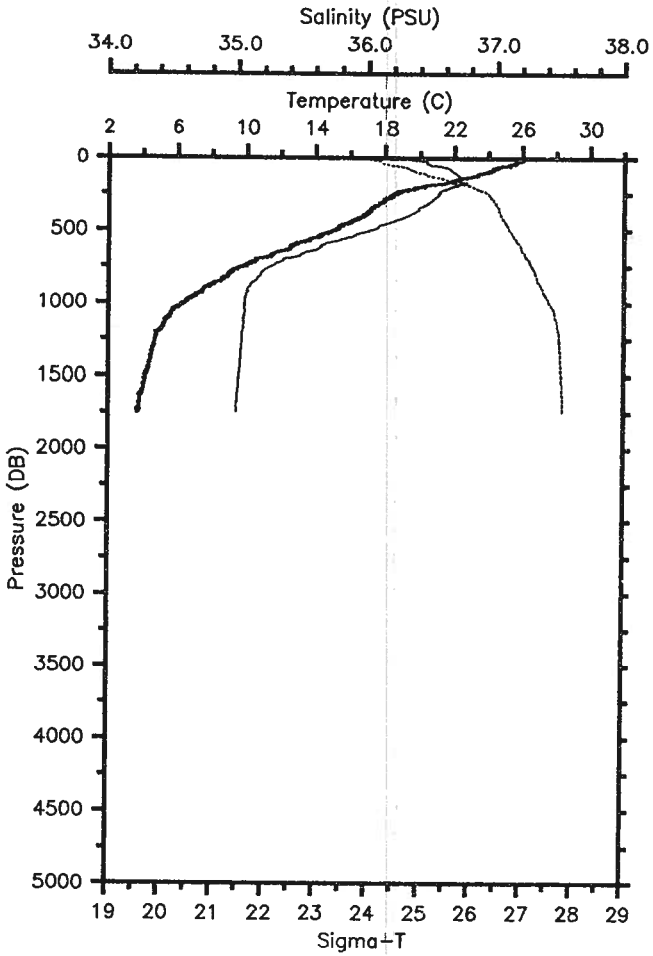
Prs	Tem	Sal	SigT
0	25.14	36.619	24.52
10	25.15	36.619	24.52
20	25.14	36.618	24.52
30	25.11	36.620	24.53
40	24.64	36.658	24.71
50	24.52	36.668	24.75
60	24.14	36.670	24.87
70	23.97	36.695	24.94
80	23.73	36.672	24.99
90	23.39	36.661	25.08
100	22.99	36.649	25.19
110	22.69	36.649	25.28
120	22.42	36.636	25.34
130	22.11	36.632	25.43
140	21.64	36.629	25.56
150	21.32	36.654	25.67
160	20.73	36.604	25.79
170	20.18	36.614	25.95
180	19.74	36.593	26.05
190	19.46	36.587	26.12
200	19.17	36.570	26.18
250	18.47	36.534	26.33
300	17.92	36.496	26.44
350	17.45	36.439	26.51
400	17.09	36.385	26.56
450	16.07	36.203	26.66
500	14.84	36.001	26.78
550	13.78	35.839	26.88
600	12.82	35.690	26.96
650	11.71	35.510	27.04
700	11.02	35.441	27.12
750	10.00	35.313	27.20
800	8.65	35.136	27.28
850	8.03	35.081	27.33
900	7.39	35.052	27.41
950	6.84	35.057	27.49
1000	6.27	35.055	27.56
1444	4.25	35.011	27.77

RES-STACS18-85 CTD 32 RESEARCHER
Date 04 29 85 Latitude 20.788 N
Time 0102 Z Longitude 73.137 W



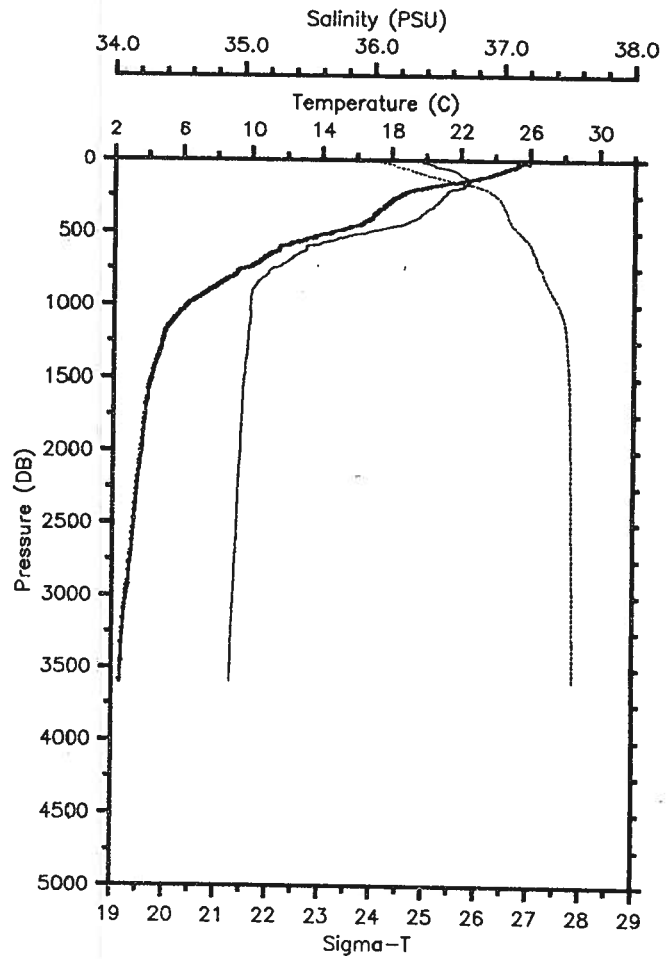
Prs	Tem	Sal	SigT
0	25.82	36.342	24.10
10	25.81	36.374	24.13
20	25.82	36.383	24.14
30	25.70	36.394	24.18
40	25.50	36.418	24.26
50	25.06	36.504	24.46
60	24.83	36.530	24.55
70	24.69	36.573	24.63
80	24.35	36.610	24.76
90	24.17	36.631	24.83
100	23.82	36.651	24.95
110	23.64	36.660	25.01
120	23.48	36.664	25.06
130	22.98	36.660	25.20
140	22.48	36.668	25.35
150	22.21	36.654	25.42
160	21.98	36.752	25.56
170	21.37	36.705	25.69
180	20.96	36.695	25.80
190	20.57	36.649	25.87
200	20.43	36.660	25.92
250	19.04	36.557	26.20
300	18.26	36.529	26.38
350	17.53	36.436	26.49
400	16.83	36.327	26.57
450	16.13	36.208	26.65
458	16.13	36.209	26.65

RES-STACS18-85 CTD 33 RESEARCHER
Date 04 29 85 Latitude 20.662 N
Time 0512 Z Longitude 73.138 W



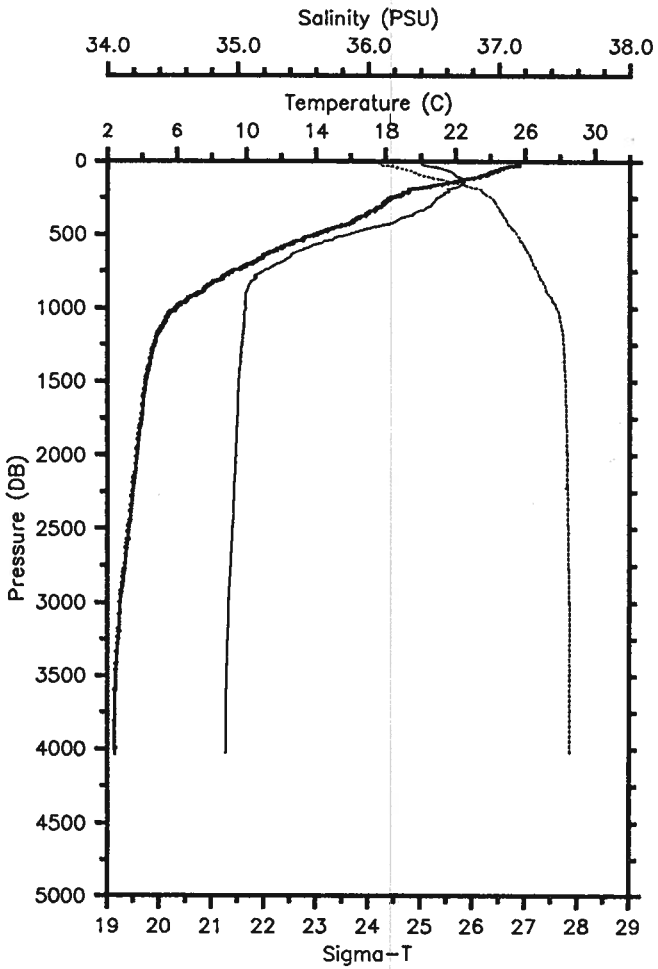
Prs	Tem	Sal	SigT
0	26.02	36.322	24.03
10	26.03	36.322	24.02
20	25.72	36.389	24.17
30	25.61	36.454	24.25
40	25.42	36.461	24.32
50	25.20	36.486	24.41
60	24.67	36.573	24.63
70	24.39	36.618	24.75
80	24.28	36.634	24.80
90	24.08	36.648	24.87
100	23.82	36.670	24.96
110	23.43	36.686	25.09
120	23.32	36.699	25.13
130	22.96	36.715	25.25
140	22.45	36.720	25.40
150	22.09	36.733	25.51
160	21.88	36.694	25.54
170	21.61	36.733	25.65
180	21.08	36.731	25.79
190	20.43	36.692	25.94
200	19.97	36.643	26.02
250	18.50	36.548	26.33
300	17.88	36.491	26.45
350	17.18	36.392	26.54
400	16.75	36.316	26.59
450	15.87	36.163	26.67
500	15.08	36.027	26.75
550	14.06	35.850	26.83
600	12.77	35.666	26.96
650	11.88	35.528	27.02
700	10.57	35.351	27.13
750	9.70	35.245	27.20
800	8.98	35.175	27.26
850	8.51	35.139	27.31
900	7.55	35.076	27.40
950	7.07	35.060	27.46
1000	6.37	35.051	27.55
1500	4.16	35.007	27.78
1746	3.74	34.988	27.80

RES-STACS18-85 CTD 34 RESEARCHER
Date 04 29 85 Latitude 20.528 N
Time 0825 Z Longitude 73.087 W



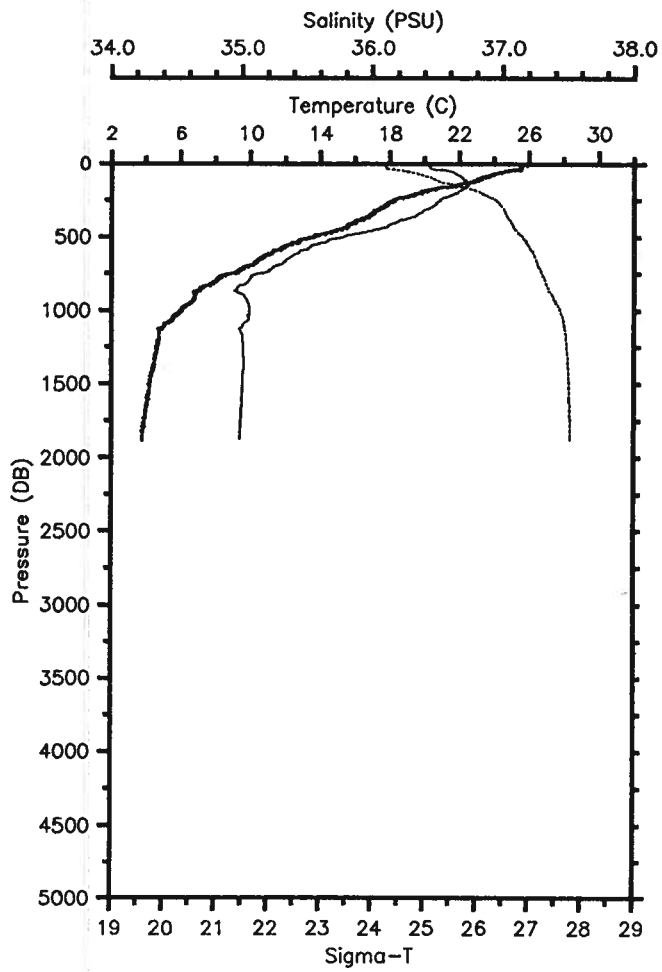
Prs	Tem	Sal	SigT
0	25.91	36.393	24.12
10	25.91	36.393	24.12
20	25.88	36.389	24.12
30	25.32	36.437	24.33
40	25.20	36.466	24.39
50	25.02	36.492	24.46
60	24.74	36.550	24.59
70	24.53	36.600	24.70
80	24.31	36.633	24.79
90	24.08	36.644	24.86
100	23.79	36.660	24.96
110	23.59	36.670	25.03
120	23.16	36.706	25.18
130	22.88	36.721	25.27
140	22.38	36.734	25.43
150	21.99	36.736	25.54
160	21.41	36.712	25.69
170	20.90	36.714	25.83
180	20.34	36.695	25.97
190	20.09	36.694	26.03
200	19.57	36.641	26.13
250	18.40	36.533	26.35
300	17.83	36.485	26.45
350	17.24	36.399	26.53
400	16.91	36.348	26.57
450	16.18	36.217	26.64
500	14.62	35.952	26.79
550	13.07	35.714	26.93
600	11.62	35.484	27.04
650	11.08	35.421	27.09
700	10.46	35.342	27.14
750	9.55	35.236	27.21
800	8.95	35.172	27.26
850	8.23	35.112	27.33
900	7.49	35.069	27.40
950	6.87	35.057	27.48
1000	6.28	35.053	27.56
1500	4.24	35.012	27.77
2000	3.66	34.985	27.81
2500	3.23	34.960	27.83
3000	2.81	34.935	27.85
3500	2.51	34.917	27.86
3596	2.49	34.916	27.86

RES-STACS18-85 CTD 35 RESEARCHER
Date 04 29 85 Latitude 20.392 N
Time 1315 Z Longitude 73.030 W



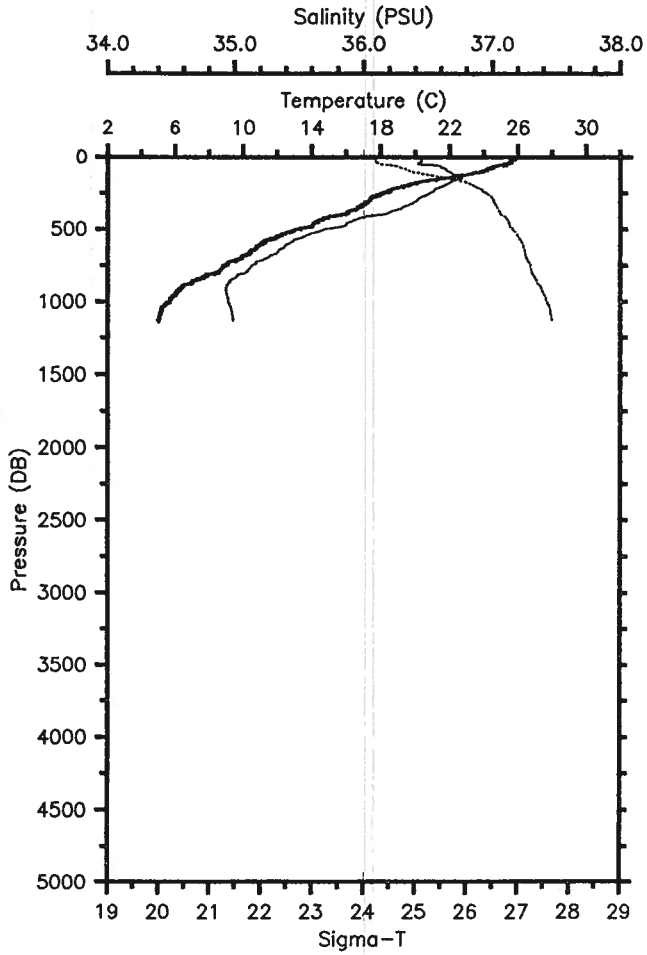
Prs	Tem	Sal	SigT
0	25.67	36.408	24.20
10	25.66	36.409	24.20
20	25.67	36.409	24.20
30	25.42	36.437	24.30
40	24.90	36.511	24.52
50	24.62	36.562	24.64
60	24.42	36.596	24.72
70	24.15	36.633	24.84
80	23.98	36.647	24.90
90	23.84	36.658	24.95
100	23.51	36.674	25.06
110	23.20	36.697	25.16
120	22.70	36.709	25.32
130	22.25	36.724	25.46
140	21.92	36.740	25.56
150	21.45	36.726	25.69
160	21.06	36.706	25.78
170	20.58	36.702	25.91
180	20.05	36.663	26.02
190	19.48	36.607	26.13
200	19.31	36.615	26.18
250	18.35	36.535	26.36
300	17.81	36.483	26.46
350	17.03	36.364	26.56
400	16.25	36.235	26.64
450	15.20	36.051	26.74
500	14.06	35.861	26.84
550	12.78	35.656	26.95
600	11.79	35.508	27.02
650	10.99	35.407	27.10
700	10.30	35.321	27.15
750	9.21	35.202	27.24
800	8.61	35.142	27.29
850	7.76	35.080	27.37
900	7.26	35.062	27.43
950	6.57	35.061	27.53
1000	5.96	35.062	27.61
1500	4.23	35.009	27.77
2000	3.71	34.987	27.81
2500	3.26	34.962	27.83
3000	2.75	34.933	27.85
3500	2.49	34.916	27.86
4000	2.44	34.910	27.86
4026	2.44	34.909	27.86

RES-STACS18-85 CTD 36 RESEARCHER
Date 04 30 85 Latitude 20.260 N
Time 0114 Z Longitude 73.018 W



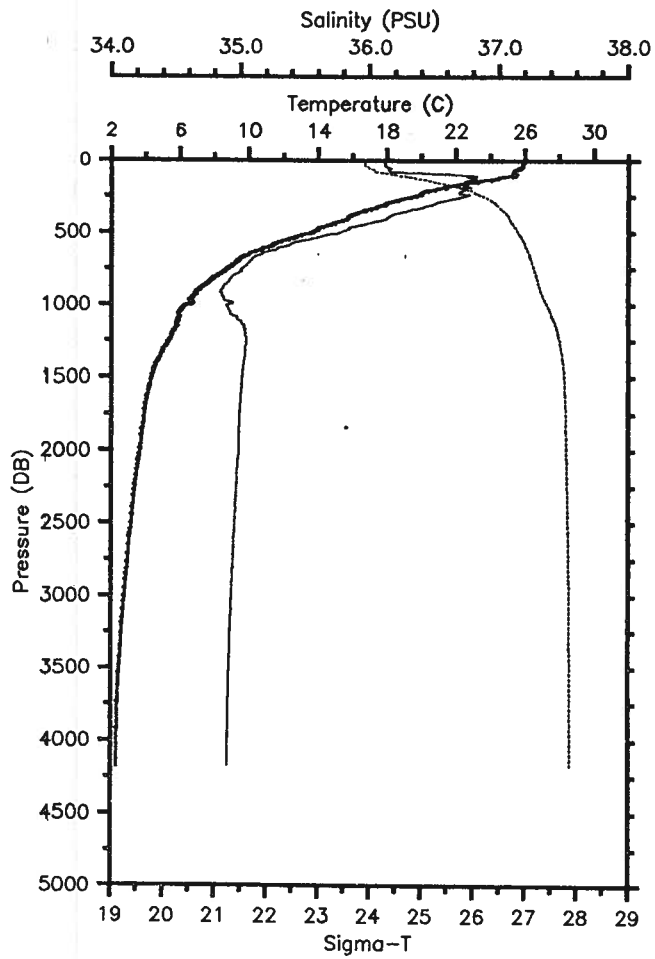
Prs	Tem	Sal	SigT
0	25.79	36.450	24.20
10	25.60	36.436	24.24
20	25.57	36.440	24.26
30	25.55	36.443	24.26
40	25.25	36.504	24.40
50	24.69	36.599	24.65
60	24.37	36.621	24.76
70	24.01	36.646	24.89
80	23.67	36.674	25.01
90	23.41	36.678	25.09
100	23.22	36.693	25.16
110	23.07	36.711	25.21
120	22.87	36.713	25.27
130	22.59	36.716	25.35
140	22.03	36.725	25.52
150	21.71	36.731	25.62
160	21.06	36.712	25.78
170	20.64	36.703	25.89
180	20.24	36.681	25.98
190	19.93	36.660	26.05
200	19.80	36.650	26.08
250	18.25	36.520	26.37
300	17.58	36.450	26.49
350	16.89	36.341	26.57
400	16.03	36.194	26.66
450	15.10	36.031	26.74
500	13.62	35.788	26.88
550	12.38	35.592	26.98
600	11.26	35.442	27.07
650	10.56	35.357	27.13
700	9.86	35.264	27.18
750	8.98	35.155	27.24
800	8.04	35.055	27.31
850	7.14	34.962	27.37
900	6.83	35.017	27.46
950	6.53	35.050	27.52
1000	6.02	35.059	27.60
1500	4.23	35.005	27.77
1878	3.80	34.989	27.80

RES-STACS18-85 CTD 37 RESEARCHER
Date 04 30 85 Latitude 20.145 N
Time 0420 Z Longitude 72.977 W



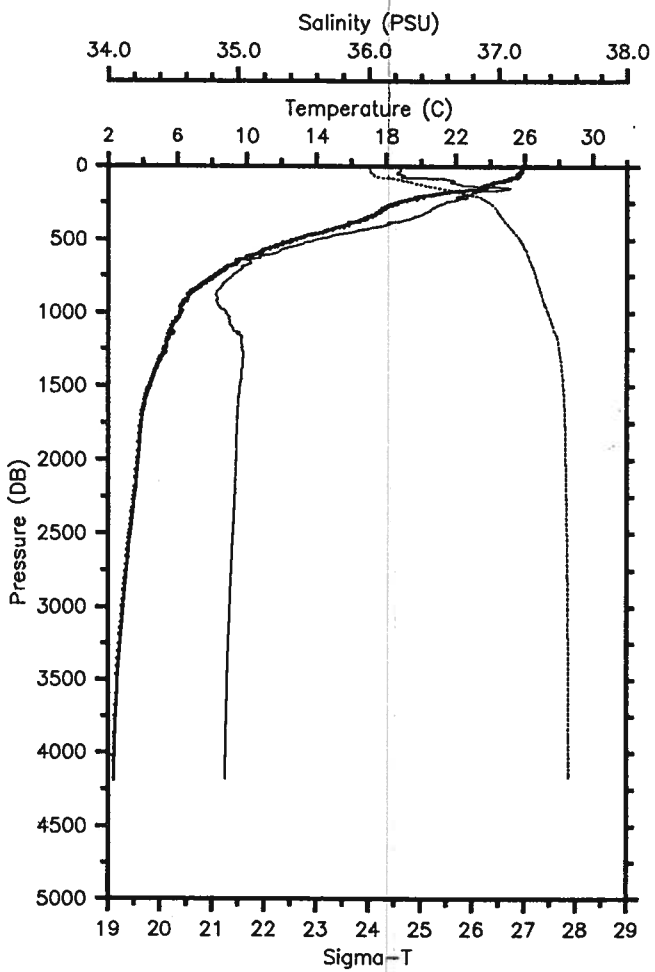
Prs	Tem	Sal	SigT
0	25.91	36.400	24.12
10	25.85	36.410	24.14
20	25.67	36.450	24.23
30	25.64	36.451	24.24
40	25.49	36.432	24.28
50	25.24	36.447	24.36
60	24.79	36.590	24.61
70	24.54	36.602	24.70
80	24.24	36.637	24.81
90	24.10	36.646	24.86
100	23.85	36.671	24.95
110	23.47	36.683	25.08
120	23.09	36.704	25.20
130	22.54	36.745	25.39
140	22.05	36.763	25.54
150	21.60	36.746	25.66
160	20.88	36.700	25.82
170	20.34	36.687	25.96
180	20.01	36.661	26.03
190	19.68	36.639	26.10
200	19.40	36.618	26.16
250	18.15	36.517	26.40
300	17.31	36.416	26.53
350	16.66	36.304	26.60
400	15.78	36.140	26.68
450	14.29	35.899	26.82
500	13.10	35.692	26.91
550	12.00	35.534	27.00
600	11.11	35.425	27.09
650	10.47	35.341	27.14
700	9.84	35.250	27.18
750	8.86	35.136	27.25
800	8.37	35.081	27.28
850	7.20	34.969	27.37
900	6.42	34.936	27.45
950	6.01	34.941	27.51
1000	5.70	34.953	27.55
1132	5.04	34.991	27.66

RES-STACS18-85 CTD 38 RESEARCHER
Date 05 01 85 Latitude 20.332 N
Time 1517 Z Longitude 66.120 W



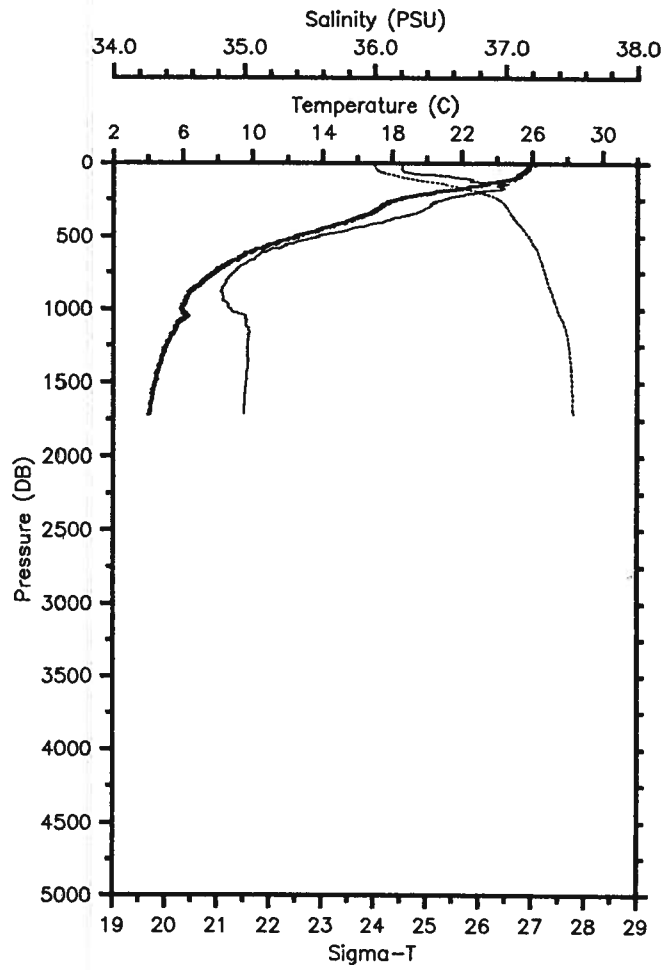
Prs	Tem	Sal	SigT
0	25.92	36.097	23.89
10	25.90	36.112	23.91
20	25.89	36.117	23.91
30	25.89	36.121	23.92
40	25.86	36.122	23.93
50	25.71	36.143	23.99
60	25.56	36.153	24.04
70	25.39	36.153	24.09
80	25.37	36.188	24.13
90	25.31	36.472	24.36
100	25.43	36.743	24.53
110	24.94	36.797	24.72
120	24.50	36.827	24.88
130	24.08	36.827	25.00
140	23.38	36.750	25.15
150	22.95	36.742	25.27
160	22.42	36.738	25.42
170	22.03	36.758	25.55
180	21.45	36.718	25.68
190	21.23	36.727	25.75
200	20.83	36.748	25.87
250	19.49	36.725	26.21
300	17.93	36.499	26.44
350	16.67	36.290	26.58
400	15.70	36.136	26.69
450	14.60	35.931	26.78
500	13.62	35.772	26.86
550	12.28	35.537	26.95
600	11.16	35.338	27.01
650	9.98	35.164	27.08
700	9.29	35.072	27.13
750	8.70	35.008	27.17
800	8.12	34.945	27.21
850	7.57	34.897	27.26
900	7.00	34.848	27.30
950	6.72	34.871	27.36
1000	6.43	34.911	27.43
1500	4.34	35.014	27.76
2000	3.67	34.986	27.81
2500	3.17	34.956	27.83
3000	2.79	34.933	27.85
3500	2.47	34.913	27.86
4000	2.34	34.902	27.87
4168	2.33	34.901	27.87

RES-STACS18-85 CTD 39 RESEARCHER
Date 05 01 85 Latitude 20.022 N
Time 1938 Z Longitude 66.138 W



Prs	Tem	Sal	SigT
0	26.54	36.257	23.81
10	25.88	36.244	24.01
20	25.86	36.244	24.02
30	25.84	36.244	24.02
40	25.80	36.233	24.03
50	25.65	36.218	24.06
60	25.66	36.260	24.09
70	25.62	36.278	24.12
80	25.19	36.344	24.30
90	25.02	36.610	24.55
100	24.77	36.655	24.66
110	24.24	36.629	24.80
120	24.04	36.694	24.91
130	23.69	36.736	25.05
140	23.57	36.867	25.19
150	23.55	37.089	25.36
160	22.80	37.035	25.54
170	22.05	36.823	25.59
180	21.36	36.809	25.77
190	20.91	36.798	25.89
200	20.27	36.706	25.99
250	18.62	36.580	26.33
300	17.72	36.470	26.47
350	16.91	36.342	26.57
400	15.72	36.138	26.69
450	14.32	35.875	26.80
500	12.70	35.600	26.92
550	11.62	35.416	26.99
600	10.62	35.271	27.06
650	9.49	35.096	27.11
700	8.81	35.036	27.18
750	8.18	34.961	27.22
800	7.54	34.895	27.26
850	6.92	34.847	27.31
900	6.64	34.845	27.35
950	6.24	34.851	27.40
1000	6.20	34.908	27.45
1500	4.41	35.016	27.75
2000	3.73	34.986	27.80
2500	3.28	34.962	27.83
3000	2.86	34.937	27.85
3500	2.54	34.918	27.86
4000	2.36	34.905	27.87
4180	2.34	34.902	27.87

RES-STACS18-85 CTD 40 RESEARCHER
Date 05 01 85 Latitude 19.677 N
Time 2341 Z Longitude 66.123 W



Prs	Tem	Sal	SigT
0	26.17	36.217	23.90
10	25.88	36.210	23.99
20	25.84	36.212	24.00
30	25.83	36.213	24.00
40	25.70	36.206	24.04
50	25.64	36.210	24.06
60	25.56	36.227	24.10
70	25.36	36.283	24.20
80	25.28	36.444	24.35
90	25.29	36.567	24.44
100	25.07	36.658	24.57
110	24.79	36.715	24.70
120	24.31	36.750	24.88
130	23.73	36.808	25.09
140	23.53	36.957	25.27
150	23.21	36.997	25.39
160	22.46	36.932	25.56
170	22.30	36.978	25.64
180	21.69	36.971	25.80
190	20.97	36.856	25.92
200	20.47	36.799	26.01
250	18.28	36.532	26.38
300	17.35	36.416	26.52
350	16.64	36.288	26.59
400	15.44	36.071	26.70
450	13.97	35.824	26.83
500	12.54	35.575	26.93
550	11.34	35.382	27.01
600	10.09	35.192	27.09
650	9.27	35.090	27.15
700	8.48	34.996	27.20
750	7.84	34.924	27.24
800	7.26	34.868	27.28
850	6.72	34.835	27.33
900	6.33	34.838	27.38
950	6.11	34.857	27.43
1000	5.97	34.899	27.48
1500	4.41	35.017	27.76
1712	4.09	35.001	27.78

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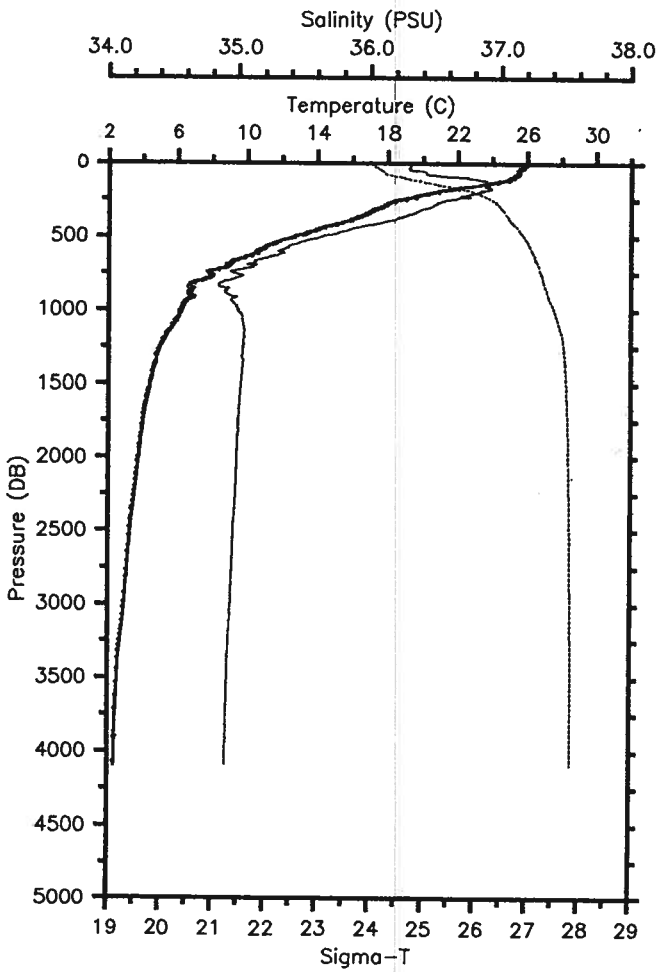
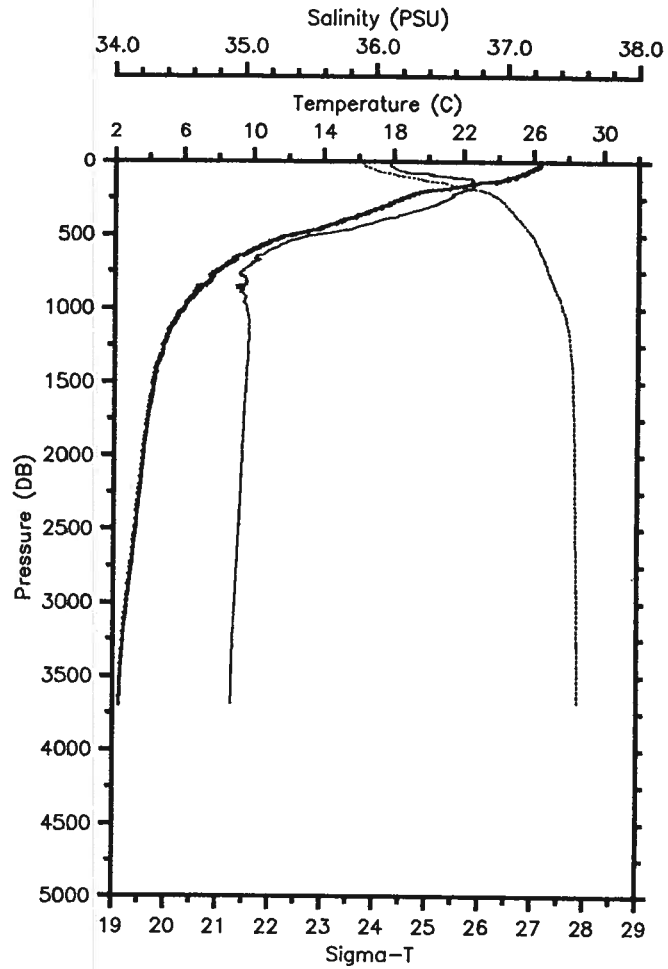
RES-STACS18-85 CTD 41 RESEARCHER
Date 05 02 85 Latitude 19.347 N
Time 0346 Z Longitude 66.122 W



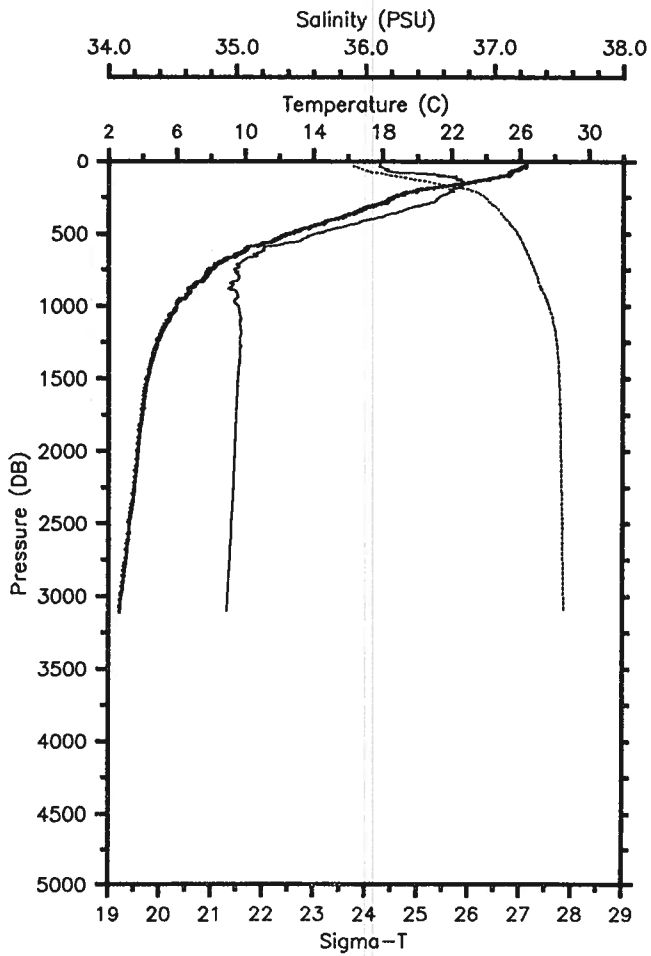
Prs	Tem	Sal	SigT
0	25.97	36.300	24.02
10	25.96	36.303	24.03
20	25.84	36.307	24.07
30	25.73	36.302	24.10
40	25.54	36.299	24.16
50	25.41	36.309	24.21
60	25.54	36.417	24.25
70	25.49	36.425	24.27
80	25.31	36.441	24.34
90	25.25	36.566	24.45
100	25.05	36.750	24.65
110	24.94	36.816	24.74
120	24.41	36.880	24.94
130	24.05	36.883	25.05
140	23.66	36.895	25.18
150	23.19	36.899	25.32
160	22.59	36.912	25.50
170	22.03	36.924	25.67
180	21.45	36.916	25.83
190	20.91	36.844	25.93
200	20.55	36.818	26.00
250	18.60	36.574	26.33
300	17.61	36.457	26.48
350	16.63	36.292	26.60
400	15.50	36.103	26.71
450	13.98	35.843	26.84
500	12.71	35.639	26.95
550	11.52	35.446	27.03
600	10.49	35.299	27.10
650	9.66	35.186	27.16
700	8.86	35.097	27.22
750	7.83	34.966	27.27
800	7.43	34.941	27.31
850	6.69	34.880	27.37
900	6.70	34.926	27.40
950	6.43	34.956	27.46
1000	6.21	34.998	27.52
1500	4.43	35.020	27.76
2000	3.77	34.989	27.80
2500	3.29	34.965	27.83
3000	2.96	34.943	27.84
3500	2.55	34.920	27.86
4000	2.41	34.908	27.86
4086	2.40	34.907	27.86

RES-STACS18-85 CTD 42 RESEARCHER
Date 05 02 85 Latitude 19.005 N
Time 0734 Z Longitude 66.132 W



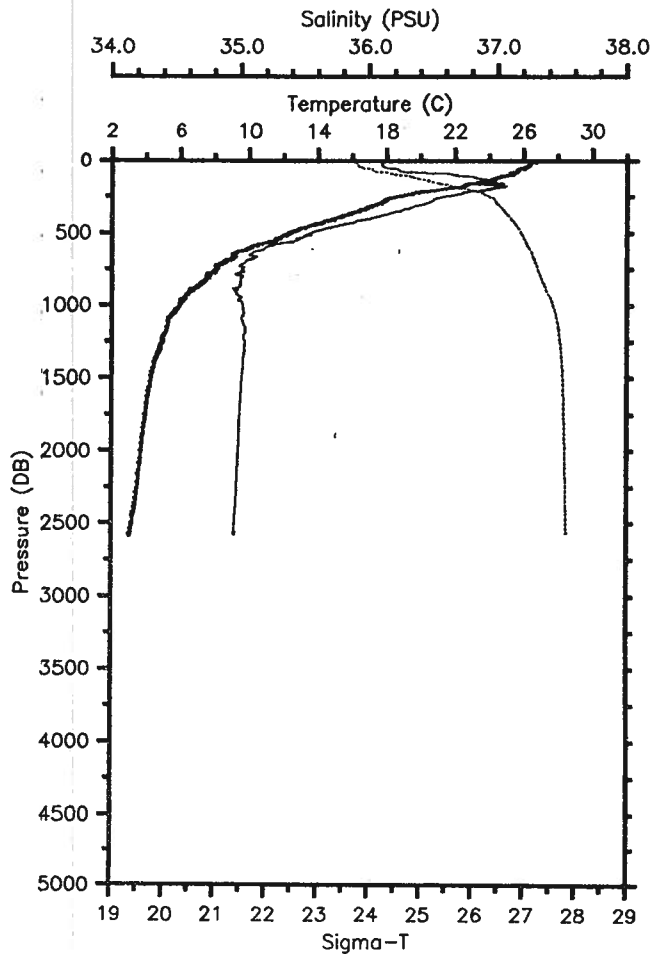
Prs	Tem	Sal	SigT
0	26.38	36.109	23.75
10	26.37	36.109	23.76
20	26.36	36.108	23.76
30	26.29	36.106	23.78
40	26.13	36.131	23.85
50	25.95	36.148	23.92
60	25.73	36.169	24.00
70	25.62	36.236	24.09
80	25.36	36.298	24.22
90	25.15	36.401	24.36
100	25.02	36.556	24.51
110	24.54	36.594	24.69
120	24.33	36.720	24.85
130	24.05	36.742	24.95
140	23.23	36.731	25.18
150	22.60	36.739	25.37
160	22.20	36.735	25.48
170	21.71	36.743	25.63
180	21.26	36.738	25.75
190	20.73	36.718	25.88
200	19.88	36.652	26.06
250	18.49	36.556	26.34
300	17.55	36.427	26.48
350	16.41	36.249	26.61
400	15.12	36.022	26.73
450	13.92	35.843	26.86
500	12.22	35.555	26.98
550	10.90	35.327	27.05
600	10.03	35.200	27.10
650	9.03	35.091	27.18
700	8.49	35.044	27.23
750	7.91	34.990	27.28
800	7.59	35.008	27.34
850	6.84	34.931	27.39
900	6.66	34.990	27.46
950	6.27	35.000	27.52
1000	6.06	35.016	27.56
1500	4.29	35.013	27.77
2000	3.71	34.986	27.81
2500	3.28	34.965	27.83
3000	2.77	34.932	27.85
3500	2.42	34.911	27.87
3686	2.37	34.908	27.87

RES-STACS18-85 CTD 43 RESEARCHER
Date 05 02 85 Latitude 18.927 N
Time 1113 Z Longitude 66.073 W



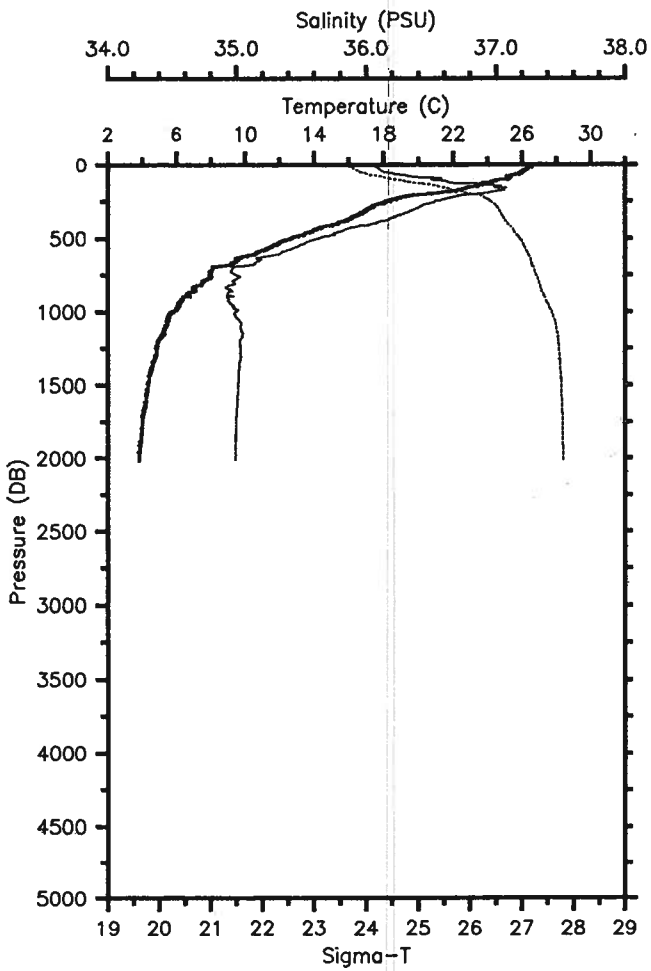
Prs	Tem	Sal	SigT
0	26.35	36.112	23.76
10	26.36	36.112	23.76
20	26.36	36.112	23.76
30	26.36	36.111	23.76
40	26.20	36.112	23.81
50	26.00	36.148	23.90
60	25.83	36.149	23.96
70	25.51	36.172	24.07
80	25.42	36.343	24.23
90	25.41	36.527	24.37
100	25.02	36.568	24.52
110	24.82	36.690	24.67
120	24.32	36.714	24.85
130	23.76	36.716	25.01
140	23.41	36.762	25.15
150	22.98	36.748	25.27
160	22.26	36.744	25.47
170	21.74	36.745	25.62
180	21.05	36.735	25.80
190	20.57	36.689	25.90
200	20.01	36.676	26.04
250	18.58	36.569	26.33
300	17.68	36.454	26.47
350	16.47	36.258	26.61
400	15.32	36.055	26.72
450	13.94	35.834	26.85
500	12.61	35.624	26.96
550	11.68	35.498	27.04
600	10.15	35.219	27.10
650	9.45	35.153	27.16
700	8.52	35.036	27.22
750	7.87	34.983	27.28
800	7.68	35.019	27.34
850	7.09	34.976	27.39
900	6.80	34.999	27.45
950	6.33	34.999	27.51
1000	6.02	35.013	27.56
1500	4.30	35.012	27.76
2000	3.74	34.988	27.80
2500	3.23	34.960	27.83
3000	2.75	34.932	27.85
3100	2.68	34.927	27.86

RES-STACS18-85 CTD 44 RESEARCHER
Date 05 02 85 Latitude 18.847 N
Time 2136 Z Longitude 66.115 W



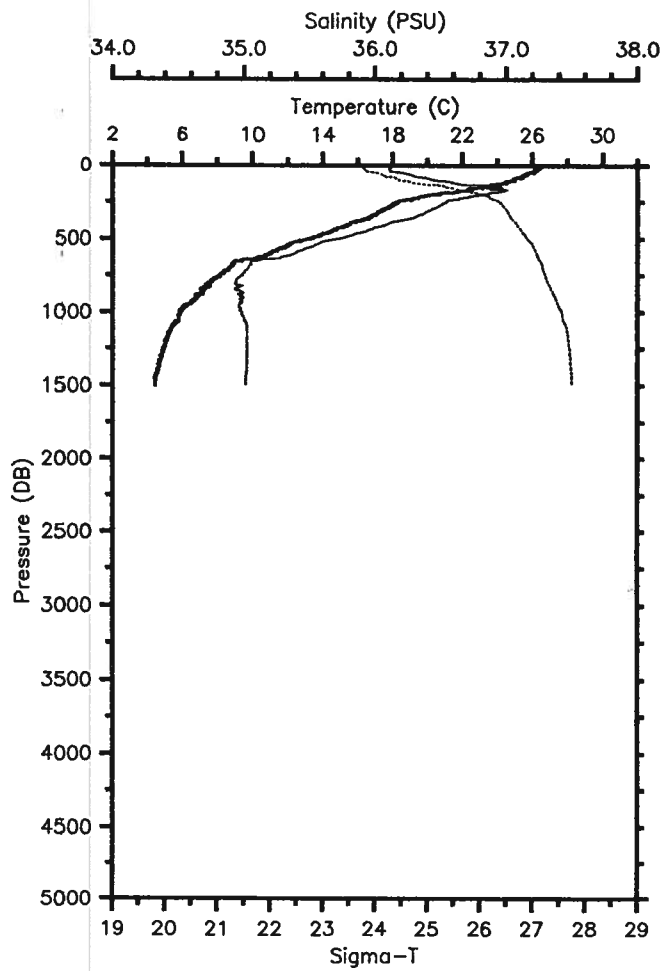
Prs	Tem	Sal	SigT
0	26.73	36.105	23.64
10	26.42	36.093	23.73
20	26.38	36.099	23.75
30	26.30	36.092	23.76
40	26.21	36.102	23.80
50	26.06	36.137	23.88
60	25.70	36.223	24.05
70	25.61	36.239	24.09
80	25.47	36.323	24.20
90	25.37	36.607	24.44
100	25.13	36.665	24.56
110	24.66	36.780	24.79
120	24.41	36.814	24.89
130	24.24	36.933	25.04
140	23.84	36.945	25.16
150	23.35	36.877	25.26
160	22.81	36.804	25.36
170	22.58	36.974	25.55
180	22.34	37.049	25.68
190	21.68	36.951	25.79
200	21.08	36.924	25.94
250	18.61	36.581	26.33
300	17.50	36.427	26.49
350	16.40	36.251	26.62
400	15.03	36.015	26.75
450	13.59	35.760	26.86
500	12.33	35.545	26.95
550	11.51	35.443	27.03
600	10.07	35.202	27.10
650	9.05	35.071	27.17
700	8.57	35.038	27.22
750	8.05	35.015	27.28
800	7.71	35.017	27.33
850	7.19	35.002	27.39
900	6.60	34.967	27.45
950	6.25	35.003	27.52
1000	5.94	35.014	27.57
1500	4.30	35.011	27.76
2000	3.72	34.983	27.80
2500	3.19	34.954	27.83
2582	3.06	34.950	27.84

RES-STACS18-85 CTD 45 RESEARCHER
Date 05 02 85 Latitude 18.753 N
Time 2332 Z Longitude 66.132 W



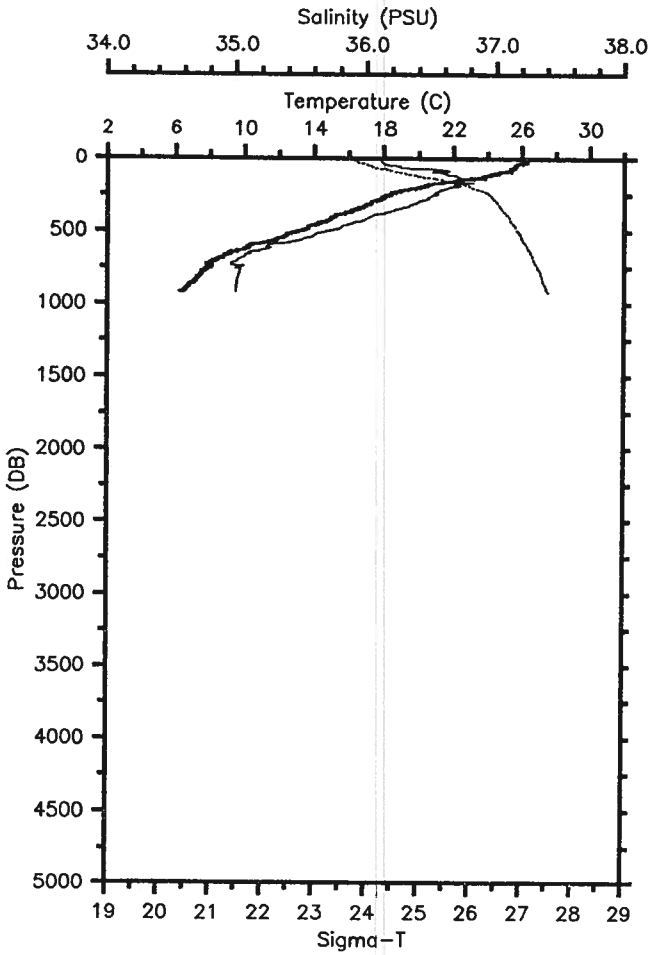
Prs	Tem	Sal	SigT
0	26.58	36.089	23.67
10	26.58	36.087	23.67
20	26.36	36.083	23.74
30	26.30	36.102	23.77
40	26.14	36.116	23.83
50	26.02	36.135	23.89
60	25.85	36.204	23.99
70	25.57	36.271	24.13
80	25.23	36.323	24.27
90	25.26	36.494	24.39
100	24.95	36.513	24.50
110	24.48	36.586	24.70
120	24.18	36.632	24.83
130	23.99	36.952	25.13
140	23.39	36.928	25.28
150	23.10	36.998	25.42
160	22.84	37.078	25.56
170	22.40	37.023	25.64
180	22.00	37.000	25.74
190	21.30	36.960	25.91
200	20.46	36.841	26.04
250	18.14	36.529	26.41
300	17.15	36.383	26.54
350	16.30	36.236	26.63
400	15.37	36.077	26.72
450	13.91	35.820	26.84
500	12.66	35.636	26.96
550	11.63	35.486	27.04
600	10.66	35.347	27.11
650	9.54	35.184	27.17
700	8.14	34.973	27.23
750	7.99	35.005	27.28
800	7.54	34.985	27.33
850	7.06	34.959	27.38
900	6.42	34.932	27.44
950	6.13	34.969	27.51
1000	5.76	34.990	27.58
1500	4.34	35.015	27.76
2000	3.84	34.992	27.80
2014	3.82	34.993	27.80

RES-STACS18-85 CTD 46 RESEARCHER
Date 05 03 85 Latitude 18.677 N
Time 0142 Z Longitude 66.127 W



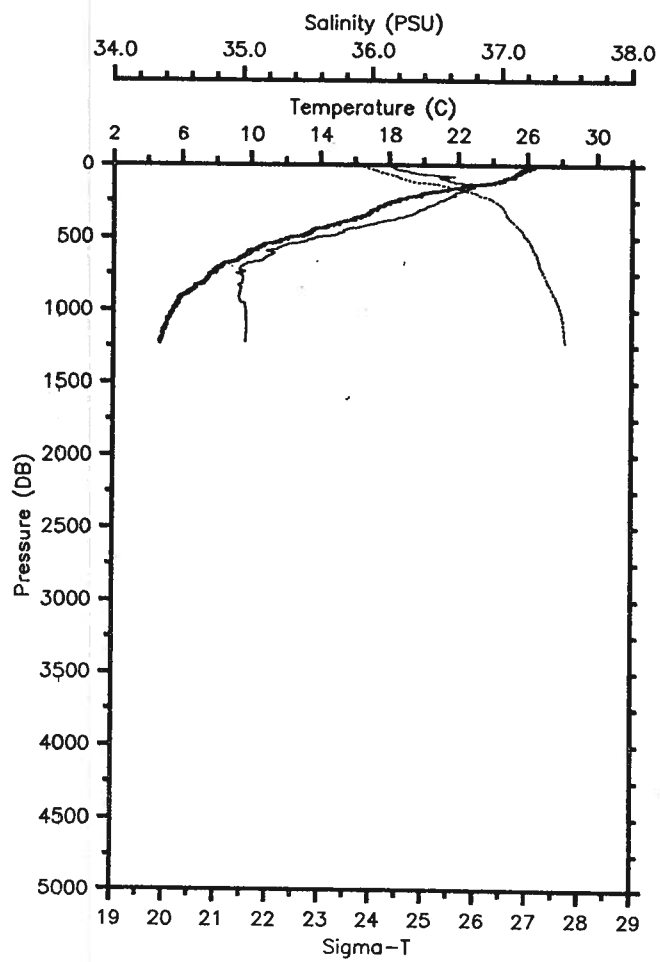
Prs	Tem	Sal	SigT
0	26.44	36.113	23.74
10	26.44	36.113	23.74
20	26.33	36.124	23.78
30	26.19	36.109	23.81
40	26.13	36.118	23.84
50	25.78	36.196	24.01
60	25.66	36.248	24.08
70	25.45	36.290	24.18
80	25.33	36.324	24.24
90	25.02	36.411	24.41
100	24.90	36.454	24.47
110	24.58	36.554	24.65
120	24.37	36.598	24.74
130	23.67	36.679	25.01
140	23.28	36.928	25.32
150	23.12	36.972	25.40
160	22.41	36.867	25.52
170	22.29	36.993	25.65
180	21.63	36.938	25.80
190	20.79	36.867	25.97
200	20.23	36.799	26.07
250	18.27	36.543	26.39
300	17.48	36.430	26.50
350	16.77	36.316	26.58
400	15.53	36.102	26.70
450	14.49	35.931	26.80
500	13.20	35.724	26.91
550	11.94	35.533	27.02
600	11.01	35.391	27.08
650	9.40	35.121	27.15
700	8.69	35.033	27.19
750	8.17	34.989	27.24
800	7.52	34.933	27.29
850	7.08	34.936	27.36
900	6.85	35.000	27.44
950	6.30	34.975	27.49
1000	5.91	34.985	27.55
1496	4.46	35.017	27.75

RES-STACS18-85 CTD 47 RESEARCHER
Date 05 03 85 Latitude 18.590 N
Time 0751 Z Longitude 66.138 W



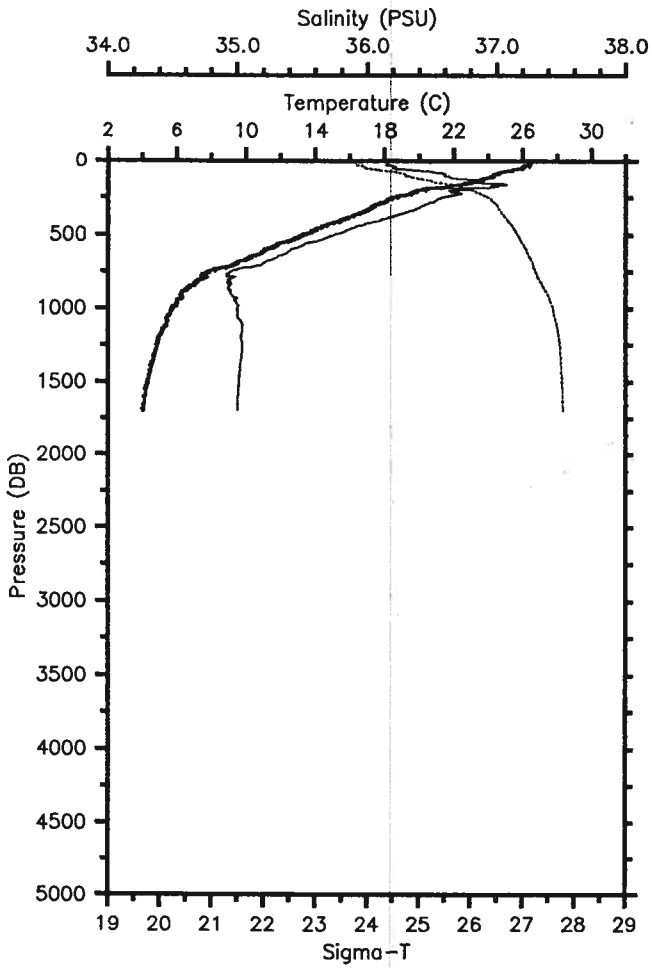
Prs	Tem	Sal	SigT
0	26.34	36.110	23.77
10	26.33	36.111	23.77
20	26.33	36.114	23.77
30	26.09	36.121	23.85
40	25.72	36.143	23.99
50	25.60	36.221	24.08
60	25.55	36.253	24.12
70	25.34	36.370	24.27
80	25.38	36.607	24.44
90	25.04	36.559	24.51
100	24.50	36.596	24.70
110	24.20	36.612	24.80
120	23.83	36.692	24.98
130	23.47	36.713	25.10
140	23.15	36.922	25.35
150	22.15	36.734	25.49
160	21.80	36.731	25.59
170	21.03	36.750	25.82
180	20.57	36.680	25.89
190	20.40	36.723	25.97
200	19.95	36.627	26.02
250	18.23	36.508	26.37
300	17.29	36.394	26.52
350	16.35	36.232	26.62
400	15.14	36.034	26.74
450	14.20	35.887	26.83
500	13.12	35.718	26.93
550	11.96	35.529	27.01
600	10.29	35.255	27.10
650	9.12	35.093	27.17
700	8.33	35.010	27.23
750	7.92	35.029	27.31
800	7.40	35.019	27.38
850	7.07	35.009	27.42
900	6.58	34.999	27.48
920	6.28	35.002	27.52

RES-STACS18-85 CTD 48 RESEARCHER
Date 05 07 85 Latitude 18.590 N
Time 0048 Z Longitude 66.117 W



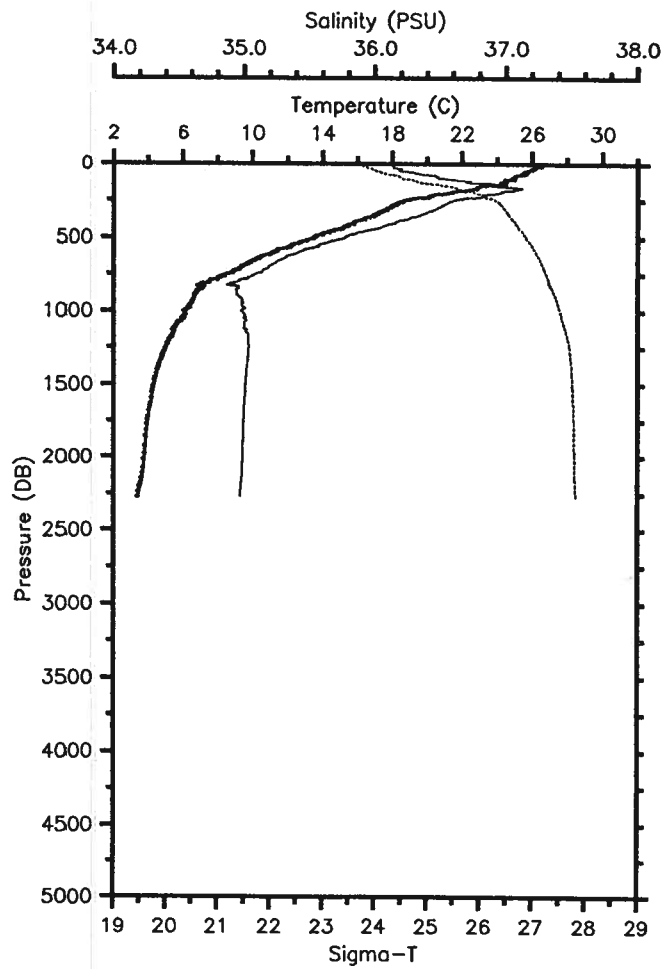
Prs	Tem	Sal	SigT
0	26.37	36.088	23.74
10	26.37	36.122	23.76
20	26.11	36.164	23.88
30	25.86	36.183	23.97
40	25.62	36.244	24.09
50	25.54	36.298	24.16
60	25.38	36.344	24.24
70	25.20	36.496	24.41
80	25.23	36.637	24.51
90	24.84	36.522	24.54
100	24.65	36.578	24.64
110	24.40	36.592	24.73
120	24.11	36.634	24.85
130	23.53	36.872	25.20
140	22.78	36.778	25.35
150	22.27	36.779	25.50
160	21.81	36.745	25.60
170	21.37	36.744	25.72
180	20.90	36.689	25.81
190	20.34	36.654	25.93
200	19.90	36.634	26.04
250	18.28	36.510	26.37
300	17.28	36.408	26.53
350	16.52	36.274	26.61
400	15.14	36.041	26.74
450	13.58	35.782	26.88
500	12.23	35.571	26.99
550	10.78	35.345	27.08
600	9.89	35.222	27.14
650	9.25	35.160	27.20
700	8.30	35.006	27.23
750	7.58	34.958	27.30
800	7.34	35.004	27.37
850	6.74	34.993	27.45
900	6.01	34.973	27.53
950	5.75	34.988	27.58
1000	5.49	35.026	27.64
1224	4.71	35.025	27.73

RES-STACS18-85 CTD 49 RESEARCHER
Date 05 07 85 Latitude 18.707 N
Time 0345 Z Longitude 66.123 W



Prs	Tem	Sal	SigT
0	26.43	36.152	23.77
10	26.41	36.153	23.78
20	26.42	36.153	23.77
30	26.41	36.151	23.77
40	26.06	36.208	23.93
50	25.95	36.219	23.97
60	25.54	36.269	24.14
70	25.08	36.430	24.40
80	24.68	36.526	24.59
90	24.49	36.598	24.71
100	24.33	36.602	24.76
110	24.16	38.637	24.84
120	23.83	36.692	24.97
130	23.56	36.834	25.16
140	23.15	36.816	25.27
150	22.71	36.785	25.37
160	22.54	37.024	25.60
170	21.83	36.957	25.76
180	21.42	36.947	25.86
190	20.28	36.698	25.98
200	19.91	36.628	26.03
250	18.50	36.572	26.35
300	17.49	36.444	26.51
350	16.67	36.303	26.59
400	15.50	36.108	26.72
450	14.31	35.909	26.83
500	13.28	35.743	28.91
550	12.24	35.577	26.99
600	11.11	35.413	27.08
650	10.30	35.311	27.14
700	9.38	35.195	27.21
750	7.93	34.966	27.26
800	7.46	34.954	27.32
850	6.80	34.938	27.40
900	6.28	34.951	27.48
950	6.06	34.991	27.54
1000	5.74	35.001	27.59
1500	4.33	35.014	27.76
1694	4.06	35.003	27.78

RES-STACS18-85 CTD 50 RESEARCHER
Date 05 07 85 Latitude 18.800 N
Time 0612 Z Longitude 66.122 W

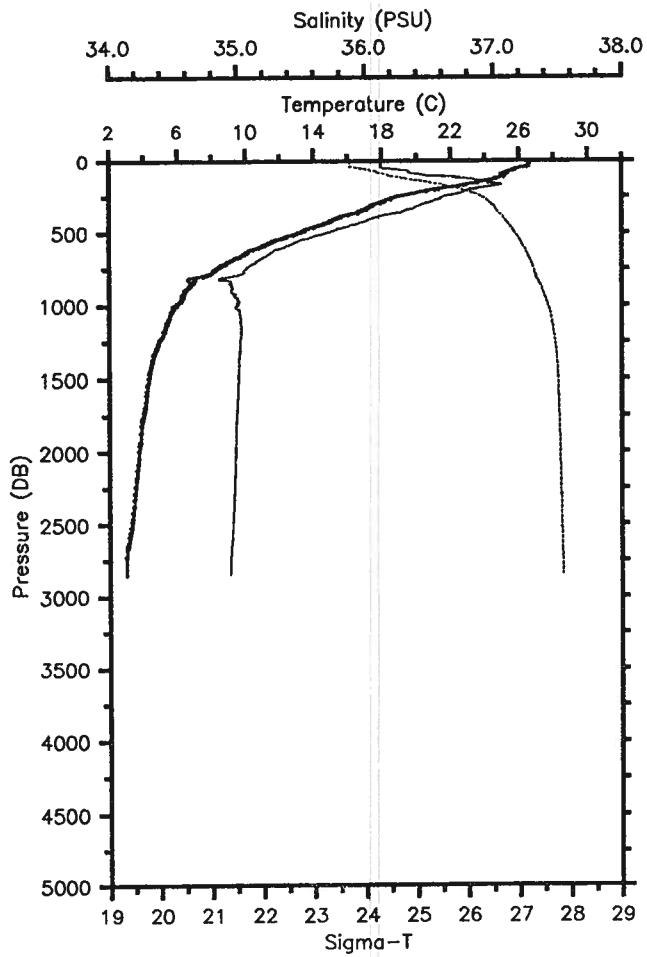


Prs	Tem	Sal	SigT
0	26.58	36.077	23.67
10	26.56	36.127	23.71
20	26.35	36.137	23.78
30	26.10	36.141	23.87
40	25.93	36.207	23.97
50	25.68	36.195	24.04
60	25.67	36.298	24.12
70	25.45	36.342	24.22
80	25.08	36.432	24.40
90	24.98	36.487	24.48
100	24.86	36.490	24.51
110	24.50	36.585	24.69
120	24.51	36.735	24.80
130	24.24	36.735	24.89
140	24.04	36.989	25.14
150	23.31	36.955	25.33
160	22.94	37.047	25.51
170	22.74	37.116	25.62
180	22.25	37.068	25.72
190	21.57	36.968	25.84
200	21.14	36.939	25.93
250	18.75	36.607	26.32
300	17.79	36.482	26.46
350	16.94	36.347	26.56
400	15.83	36.161	26.68
450	14.71	35.962	26.78
500	13.51	35.776	26.89
550	12.23	35.575	26.99
600	11.18	35.420	27.07
650	10.20	35.295	27.15
700	9.34	35.189	27.21
750	8.50	35.091	27.27
800	7.54	34.963	27.31
850	7.05	34.958	27.38
900	6.65	34.956	27.43
950	6.48	34.994	27.49
1000	6.09	34.981	27.53
1500	4.34	35.013	27.76
2000	3.79	34.991	27.80
2270	3.38	34.976	27.83

RES-STACS18-85 CTD 51 RESEARCHER

Date 05 07 85 Latitude 18.883 N

Time 0854 Z Longitude 66.137 W

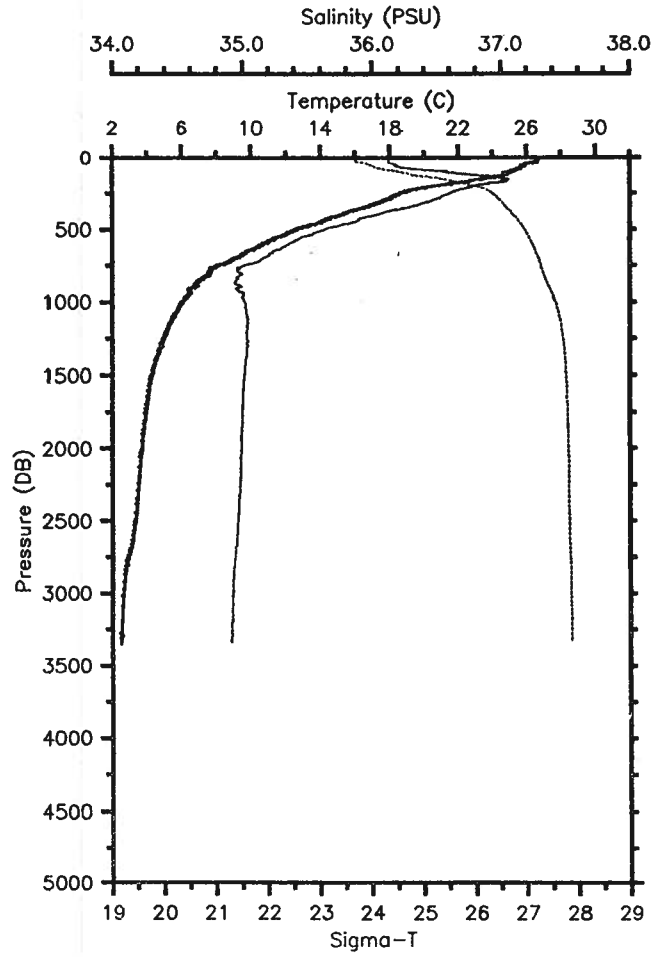


Prs	Tem	Sal	SigT
0	26.56	36.124	23.71
10	26.56	36.128	23.71
20	26.57	36.127	23.71
30	26.57	36.127	23.71
40	26.57	36.125	23.71
50	26.08	36.135	23.87
60	25.77	36.251	24.05
70	25.58	36.338	24.18
80	25.38	36.344	24.24
90	25.14	36.386	24.35
100	24.98	36.463	24.46
110	24.98	36.550	24.52
120	24.71	36.688	24.71
130	24.55	36.862	24.89
140	24.02	36.914	25.09
150	23.64	36.988	25.26
160	23.22	37.016	25.40
170	22.80	37.048	25.55
180	22.19	36.972	25.66
190	21.64	36.896	25.76
200	21.10	36.868	25.89
250	18.88	36.618	26.29
300	17.67	36.461	26.47
350	16.72	36.303	26.58
400	15.32	36.063	26.72
450	14.24	35.885	26.82
500	13.11	35.711	26.92
550	11.76	35.497	27.02
600	10.83	35.375	27.10
650	9.91	35.252	27.16
700	8.97	35.148	27.24
750	8.27	35.066	27.28
800	7.29	34.934	27.33
850	6.81	34.945	27.40
900	6.45	34.956	27.46
950	6.32	35.008	27.52
1000	5.89	34.996	27.56
1500	4.35	35.014	27.76
2000	3.77	34.989	27.80
2500	3.32	34.966	27.83
2844	2.99	34.947	27.84

RES-STACS18-85 CTD 52 RESEARCHER

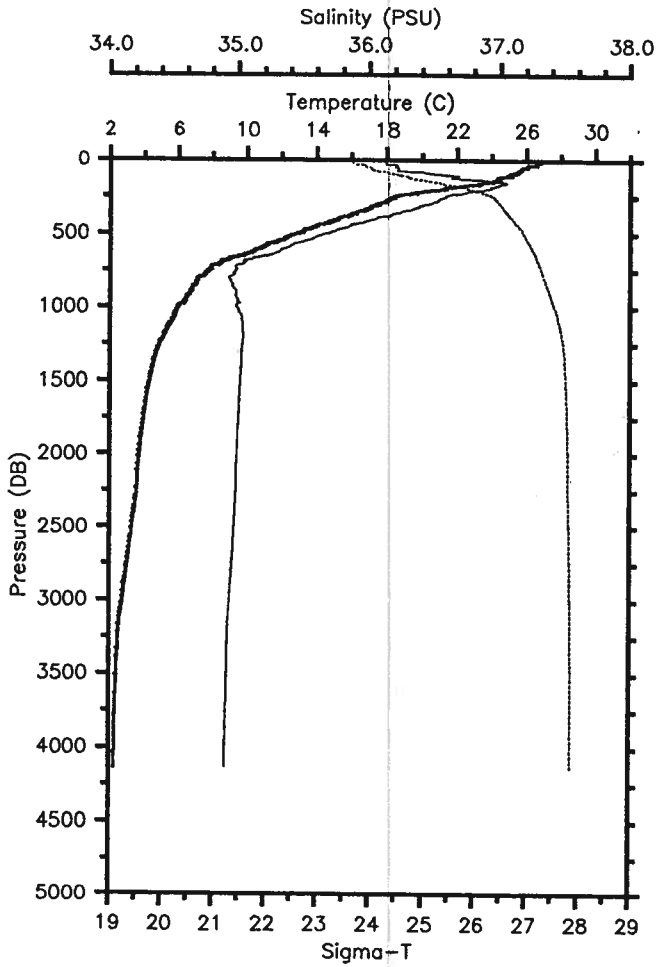
Date 05 07 85 Latitude 18.968 N

Time 1458 Z Longitude 66.112 W



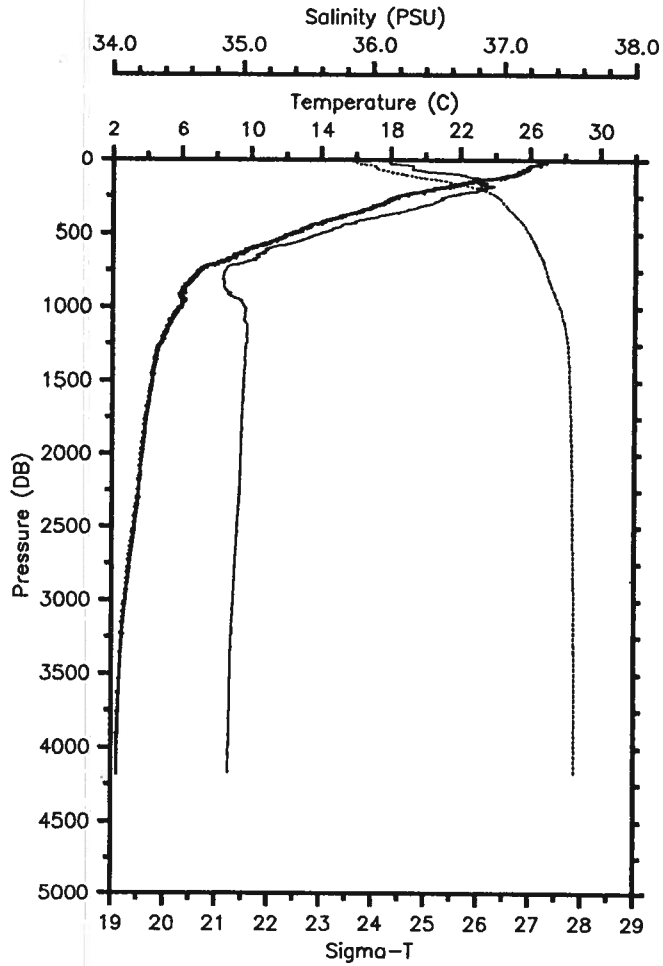
Prs	Tem	Sal	SigT
0	26.69	36.129	23.67
10	26.66	36.126	23.68
20	26.64	36.128	23.69
30	26.59	36.130	23.70
40	26.10	36.153	23.87
50	25.89	36.188	23.97
60	25.71	36.175	24.01
70	25.66	36.235	24.07
80	25.43	36.330	24.22
90	25.17	36.426	24.37
100	25.02	36.562	24.52
110	24.70	36.647	24.68
120	24.70	36.753	24.76
130	24.35	36.935	25.00
140	23.98	36.986	25.15
150	23.41	37.059	25.38
160	22.77	37.008	25.53
170	22.40	37.021	25.64
180	21.54	36.905	25.80
190	21.10	36.833	25.86
200	20.38	36.784	26.02
250	18.62	36.598	26.34
300	17.61	36.463	26.49
350	16.47	36.266	26.61
400	15.14	36.031	26.74
450	14.00	35.858	26.85
500	12.61	35.633	26.96
550	11.53	35.468	27.04
600	10.66	35.356	27.11
650	9.78	35.237	27.18
700	9.02	35.156	27.24
750	8.09	35.019	27.28
800	7.62	34.992	27.32
850	7.06	34.955	27.37
900	6.70	34.987	27.45
950	6.40	35.008	27.51
1000	6.07	35.020	27.56
1500	4.29	35.017	27.77
2000	3.73	34.991	27.81
2500	3.33	34.967	27.83
3000	2.65	34.928	27.86
3340	2.50	34.918	27.86

RES-STACS18-85 CTD 53 RESEARCHER
Date 05 07 85 Latitude 19.057 N
Time 1841 Z Longitude 66.118 W



Prs	Tem	Sal	SigT
0	26.81	36.132	23.63
10	26.77	36.124	23.64
20	26.62	36.124	23.69
30	26.45	36.131	23.75
40	26.08	36.211	23.92
50	25.82	36.213	24.01
60	25.70	36.220	24.05
70	25.58	36.210	24.08
80	25.40	36.368	24.25
90	25.11	36.424	24.39
100	24.91	36.561	24.55
110	24.77	36.657	24.67
120	24.40	36.627	24.75
130	24.40	36.813	24.90
140	24.07	36.915	25.07
150	23.71	37.015	25.26
160	23.26	37.037	25.40
170	22.60	36.982	25.55
180	21.92	36.960	25.73
190	21.40	36.930	25.85
200	21.03	36.876	25.92
250	18.46	36.583	26.37
300	17.57	36.449	26.49
350	16.45	36.257	26.61
400	15.25	36.050	26.73
450	13.92	35.847	26.86
500	12.88	35.680	26.95
550	11.77	35.508	27.03
600	10.76	35.367	27.11
650	9.77	35.246	27.18
700	8.48	35.051	27.24
750	7.76	34.976	27.29
800	7.15	34.924	27.34
850	6.96	34.955	27.39
900	6.68	34.982	27.45
950	6.40	34.995	27.50
1000	5.96	34.985	27.55
1500	4.33	35.016	27.76
2000	3.72	34.989	27.81
2500	3.31	34.967	27.83
3000	2.78	34.935	27.85
3500	2.44	34.914	27.87
4000	2.33	34.904	27.87
4132	2.31	34.902	27.87

RES-STACS18-85 CTD 54 RESEARCHER
Date 05 07 85 Latitude 19.168 N
Time 2233 Z Longitude 66.138 W

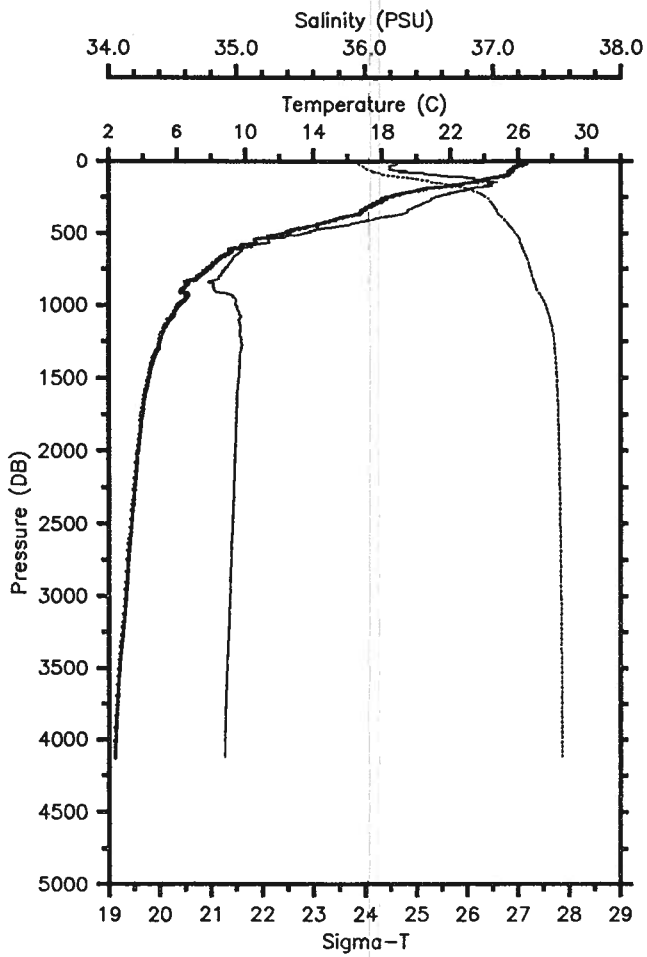


Prs	Tem	Sal	SigT
0	26.88	36.131	23.61
10	26.89	36.130	23.61
20	26.63	36.121	23.68
30	26.57	36.130	23.71
40	26.02	36.277	23.99
50	25.90	36.308	24.05
60	25.83	36.303	24.07
70	25.59	36.329	24.17
80	25.41	36.384	24.26
90	25.32	36.519	24.39
100	25.08	36.666	24.58
110	24.70	36.707	24.73
120	24.34	36.767	24.88
130	23.76	36.795	25.07
140	22.84	36.762	25.32
150	22.50	36.780	25.43
160	22.27	36.875	25.57
170	21.77	36.843	25.68
180	21.39	36.912	25.84
190	20.95	36.868	25.93
200	20.50	36.865	26.05
250	18.45	36.566	26.36
300	17.57	36.453	26.49
350	16.30	36.238	26.63
400	14.79	35.972	26.77
450	13.42	35.758	26.90
500	12.39	35.601	26.98
550	11.32	35.440	27.06
600	10.00	35.214	27.12
650	9.02	35.104	27.20
700	8.10	35.004	27.26
750	7.07	34.872	27.31
800	6.64	34.849	27.35
850	6.23	34.857	27.41
900	6.01	34.892	27.47
950	6.14	34.979	27.52
1000	5.96	35.014	27.57
1500	4.31	35.011	27.76
2000	3.73	34.991	27.81
2500	3.30	34.965	27.83
3000	2.79	34.934	27.85
3500	2.47	34.913	27.86
4000	2.33	34.902	27.87
4168	2.34	34.901	27.86

RES-STACS18-85 CTD 55 RESEARCHER

Date 05 08 85 Latitude 19.500 N

Time 0242 Z Longitude 66.133 W

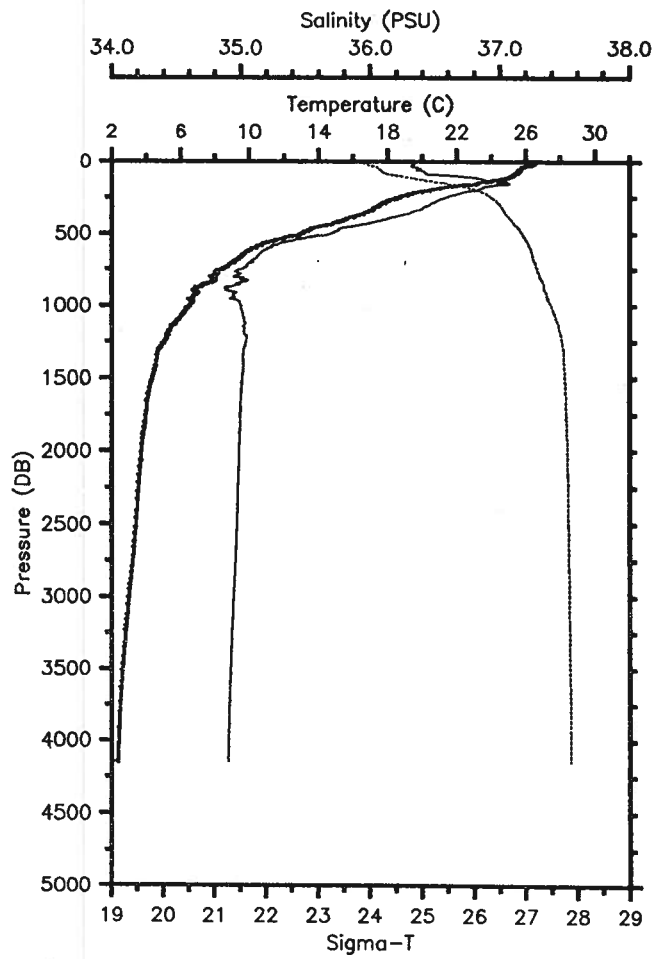


Prs	Tem	Sal	SigT
0	26.49	36.254	23.83
10	26.49	36.255	23.83
20	26.31	36.253	23.88
30	26.03	36.209	23.94
40	25.83	36.194	23.99
50	25.70	36.191	24.03
60	25.60	36.191	24.06
70	25.52	36.263	24.14
80	25.49	36.412	24.26
90	25.45	36.485	24.33
100	25.16	36.595	24.50
110	24.89	36.803	24.74
120	24.19	36.845	24.98
130	23.89	36.911	25.12
140	23.61	36.987	25.26
150	22.93	36.958	25.44
160	22.56	36.999	25.58
170	22.05	36.998	25.72
180	21.24	36.865	25.85
190	20.50	36.838	26.03
200	20.14	36.794	26.09
250	18.29	36.542	26.38
300	17.49	36.439	26.50
350	16.80	36.328	26.58
400	15.34	36.077	26.73
450	13.84	35.806	26.84
500	12.22	35.528	26.96
550	10.63	35.254	27.04
600	9.57	35.076	27.08
650	8.86	35.000	27.14
700	8.30	34.959	27.20
750	7.78	34.914	27.24
800	7.24	34.862	27.28
850	6.64	34.826	27.33
900	6.28	34.833	27.38
950	6.54	34.988	27.47
1000	6.10	35.000	27.54
1500	4.36	35.015	27.76
2000	3.72	34.989	27.81
2500	3.36	34.970	27.83
3000	3.03	34.948	27.84
3500	2.66	34.926	27.86
4000	2.40	34.907	27.86
4116	2.38	34.905	27.86

RES-STACS18-85 CTD 56 RESEARCHER

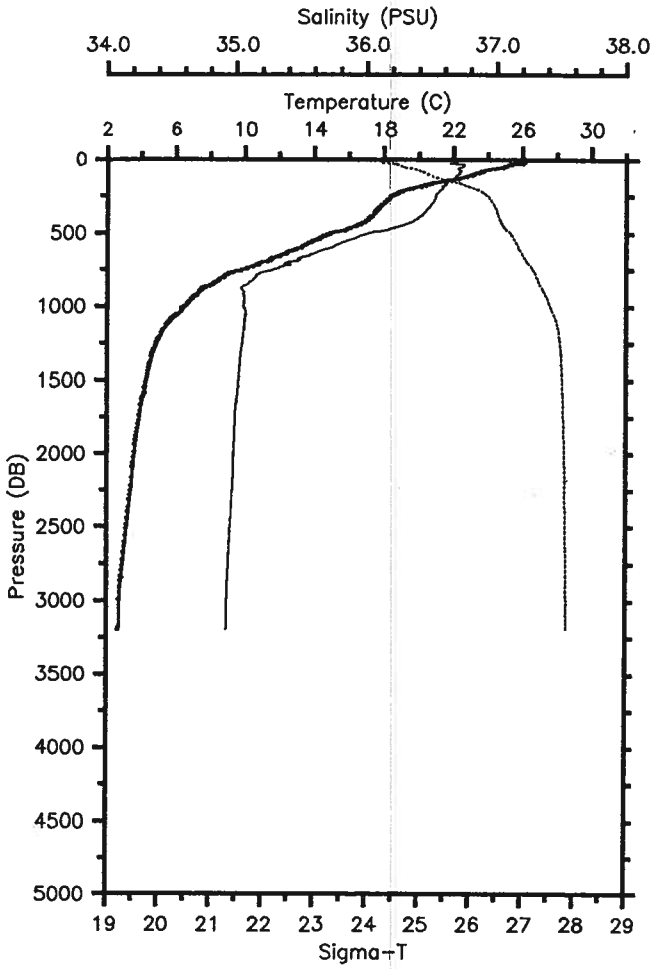
Date 05 08 85 Latitude 19.843 N

Time 0730 Z Longitude 66.115 W



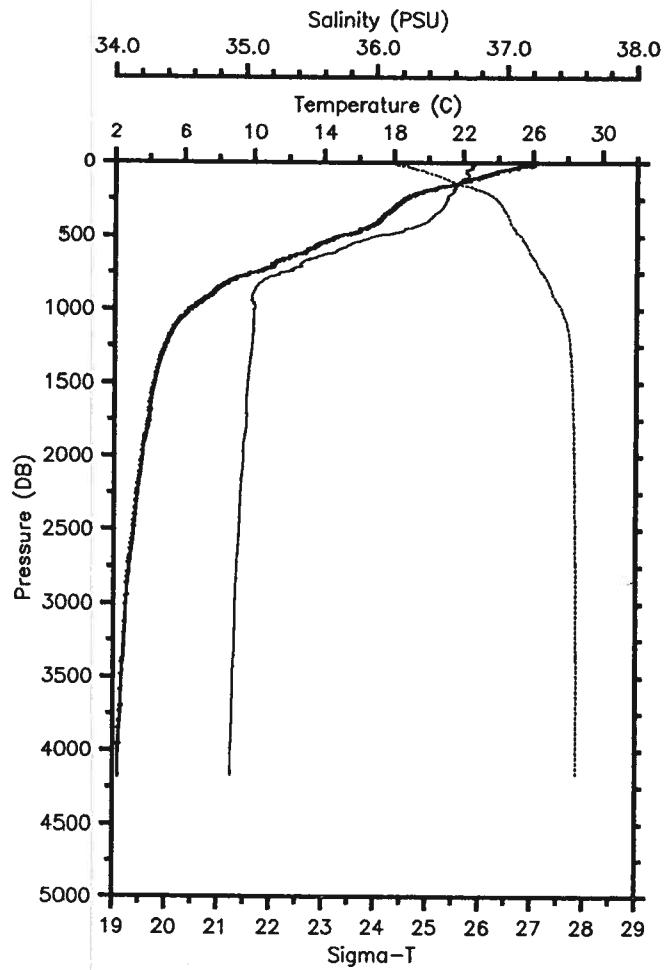
Prs	Tem	Sal	SigT
0	26.56	36.340	23.87
10	26.53	36.341	23.88
20	26.37	36.338	23.93
30	26.00	36.331	24.04
40	25.78	36.329	24.11
50	25.72	36.390	24.17
60	25.55	36.356	24.20
70	25.58	36.415	24.24
80	25.45	36.432	24.29
90	25.28	36.500	24.39
100	25.08	36.695	24.60
110	24.88	36.803	24.74
120	24.49	36.870	24.91
130	24.00	36.894	25.08
140	23.81	37.043	25.25
150	23.14	37.071	25.47
160	22.37	36.988	25.63
170	21.81	36.905	25.72
180	21.09	36.870	25.89
190	20.66	36.834	25.99
200	20.29	36.804	26.06
250	18.57	36.578	26.34
300	17.57	36.455	26.49
350	16.76	36.320	26.59
400	15.59	36.117	26.70
450	14.13	35.857	26.82
500	13.02	35.699	26.93
550	11.43	35.404	27.01
600	10.27	35.218	27.08
650	9.61	35.137	27.13
700	9.14	35.100	27.17
750	8.42	35.010	27.22
800	7.77	34.946	27.27
850	7.35	34.964	27.34
900	6.81	34.908	27.37
950	6.67	34.933	27.41
1000	6.52	35.004	27.49
1500	4.35	35.012	27.76
2000	3.73	34.988	27.81
2500	3.42	34.971	27.82
3000	3.00	34.948	27.84
3500	2.64	34.925	27.86
4000	2.42	34.910	27.86
4146	2.31	34.901	27.87

RES-STACS18-85 CTD 57 RESEARCHER
Date 05 09 85 Latitude 22.468 N
Time 1410 Z Longitude 72.763 W



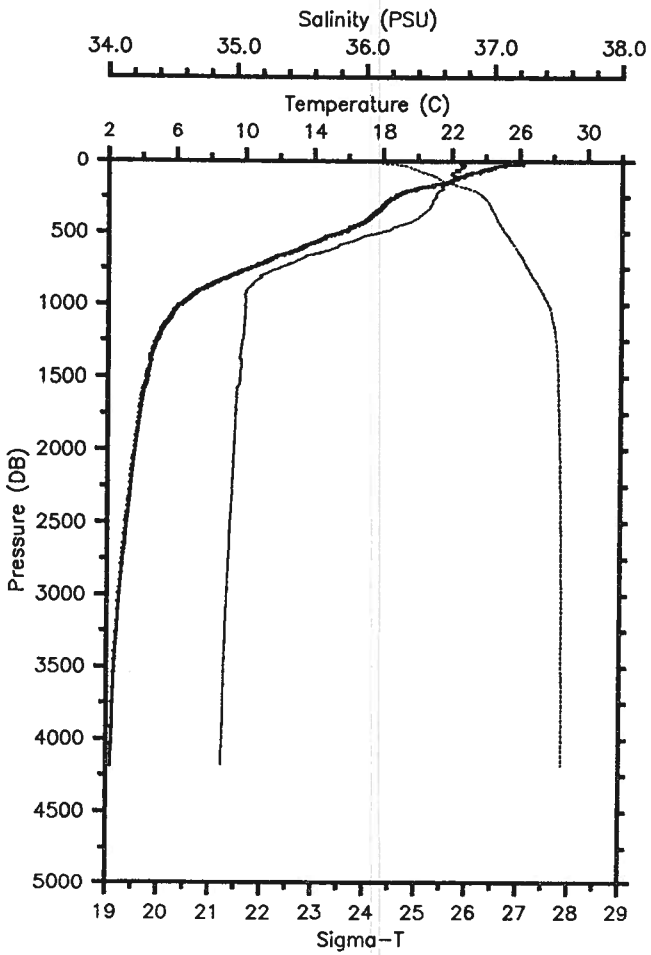
Prs	Tem	Sal	SigT
0	26.07	36.663	24.27
10	26.05	36.686	24.29
20	26.06	36.690	24.29
30	25.33	36.691	24.52
40	25.13	36.747	24.62
50	24.94	36.740	24.68
60	24.55	36.716	24.78
70	23.98	36.713	24.95
80	23.70	36.723	25.04
90	23.43	36.709	25.11
100	23.22	36.715	25.17
110	22.93	36.692	25.24
120	22.69	36.692	25.31
130	22.34	36.674	25.39
140	21.80	36.624	25.51
150	21.45	36.628	25.61
160	20.86	36.622	25.77
170	20.50	36.607	25.86
180	20.17	36.598	25.94
190	19.88	36.588	26.01
200	19.52	36.588	26.10
250	18.42	36.530	26.34
300	17.95	36.503	26.44
350	17.53	36.453	26.50
400	17.12	36.391	26.55
450	16.37	36.260	26.63
500	14.92	36.015	26.77
550	13.92	35.849	26.86
600	13.18	35.724	26.92
650	12.08	35.559	27.01
700	10.85	35.384	27.10
750	9.80	35.278	27.20
800	8.76	35.154	27.28
850	8.10	35.086	27.33
900	7.36	35.056	27.41
950	6.87	35.060	27.48
1000	6.44	35.051	27.54
1500	4.30	35.018	27.77
2000	3.60	34.982	27.81
2500	3.17	34.958	27.84
3000	2.76	34.933	27.85
3194	2.68	34.928	27.86

RES-STACS18-85 CTD 58 RESEARCHER
Date 05 09 85 Latitude 22.545 N
Time 1819 Z Longitude 72.733 W



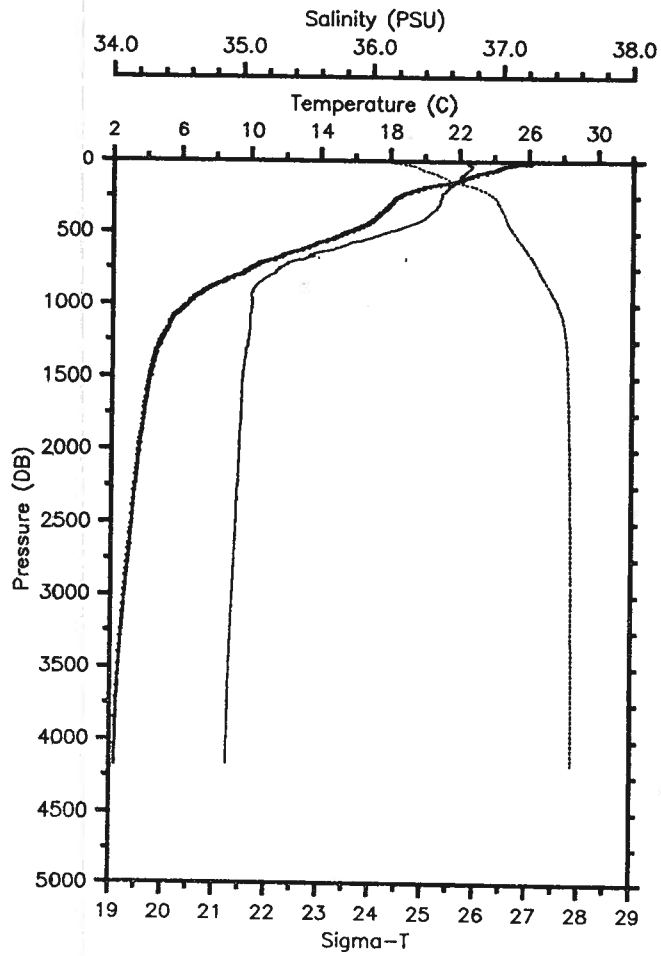
Prs	Tem	Sal	SigT
0	26.06	36.750	24.34
10	26.05	36.749	24.34
20	25.94	36.747	24.37
30	25.15	36.735	24.61
40	24.87	36.733	24.69
50	24.40	36.687	24.80
60	24.01	36.691	24.92
70	23.80	36.681	24.98
80	23.51	36.708	25.08
90	23.18	36.708	25.18
100	22.93	36.700	25.24
110	22.59	36.673	25.32
120	22.34	36.665	25.39
130	22.06	36.654	25.46
140	21.78	36.642	25.53
150	21.52	36.628	25.59
160	21.04	36.613	25.71
170	20.55	36.607	25.84
180	20.38	36.608	25.89
190	19.89	36.593	26.01
200	19.66	36.590	26.07
250	18.59	36.543	26.31
300	18.06	36.511	26.42
350	17.51	36.446	26.50
400	17.13	36.390	26.55
450	16.13	36.219	26.66
500	14.83	35.990	26.77
550	13.76	35.811	26.87
600	13.00	35.693	26.93
650	11.97	35.543	27.02
700	11.09	35.426	27.09
750	9.80	35.261	27.19
800	8.73	35.139	27.27
850	7.96	35.077	27.34
900	7.54	35.056	27.39
950	6.91	35.056	27.47
1000	6.34	35.068	27.56
1500	4.30	35.021	27.77
2000	3.62	34.988	27.82
2500	3.14	34.957	27.84
3000	2.71	34.931	27.86
3500	2.49	34.916	27.86
4000	2.30	34.901	27.87
4168	2.28	34.899	27.87

RES-STACS18-85 CTD 59 RESEARCHER
Date 05 09 85 Latitude 22.622 N
Time 2205 Z Longitude 72.687 W



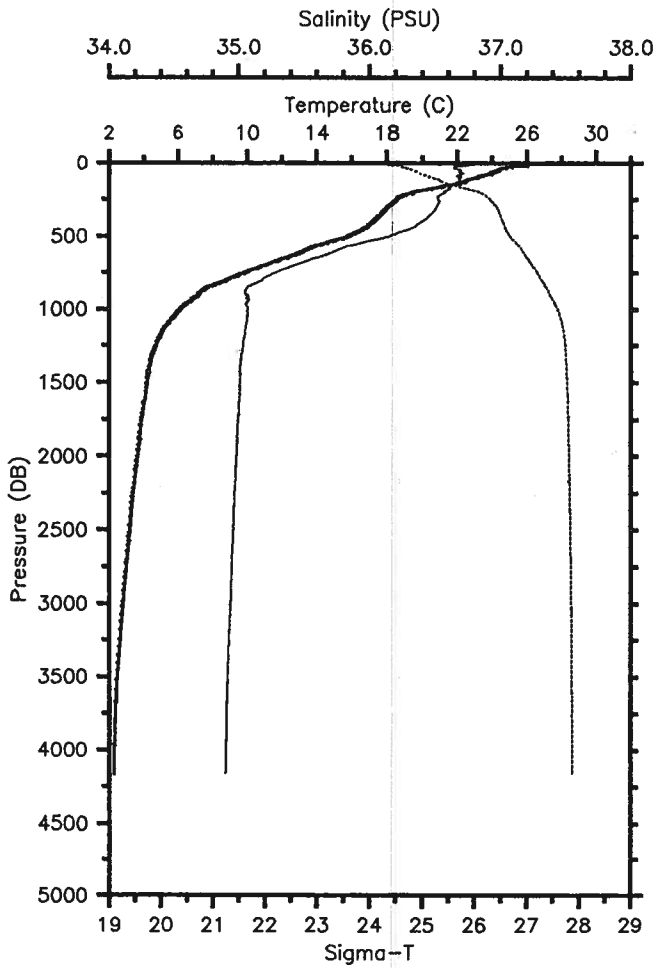
Prs	Tem	Sal	SigT
0	26.19	36.773	24.31
10	26.19	36.773	24.31
20	26.16	36.774	24.33
30	25.07	36.746	24.64
40	24.53	36.764	24.82
50	24.31	36.753	24.88
60	23.95	36.690	24.94
70	23.74	36.718	25.02
80	23.24	36.662	25.13
90	22.93	36.668	25.22
100	22.72	36.696	25.30
110	22.47	36.676	25.36
120	22.31	36.672	25.40
130	22.06	36.661	25.47
140	21.95	36.659	25.49
150	21.62	36.628	25.56
160	21.15	36.608	25.68
170	20.89	36.607	25.75
180	20.30	36.580	25.89
190	19.95	36.597	26.00
200	19.73	36.589	26.05
250	18.63	36.541	26.29
300	18.10	36.509	26.40
350	17.63	36.462	26.48
400	17.18	36.398	26.55
450	16.42	36.262	26.62
500	15.54	36.119	26.72
550	14.40	35.930	26.82
600	13.40	35.779	26.91
650	12.24	35.603	27.01
700	11.25	35.464	27.09
750	10.21	35.327	27.17
800	9.19	35.193	27.24
850	8.26	35.133	27.34
900	7.46	35.078	27.42
950	6.83	35.067	27.50
1000	6.33	35.067	27.56
1500	4.33	35.027	27.77
2000	3.61	34.984	27.81
2500	3.11	34.956	27.84
3000	2.72	34.932	27.86
3500	2.44	34.913	27.87
4000	2.30	34.901	27.87
4178	2.27	34.898	27.87

RES-STACS18-85 CTD 60 RESEARCHER
Date 05 10 85 Latitude 22.707 N
Time 0142 Z Longitude 72.657 W



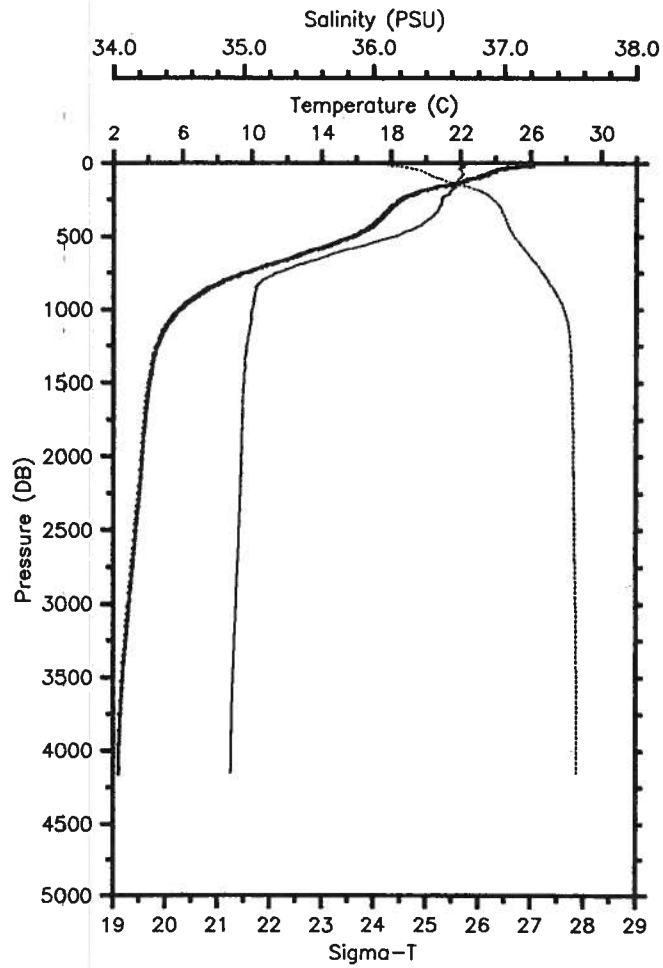
Prs	Tem	Sal	SigT
0	26.13	36.778	24.34
10	26.05	36.765	24.35
20	25.39	36.743	24.54
30	24.80	36.768	24.74
40	24.51	36.761	24.83
50	24.27	36.759	24.89
60	24.05	36.734	24.94
70	23.70	36.716	25.03
80	23.49	36.709	25.09
90	23.01	36.706	25.23
100	22.75	36.678	25.28
110	22.58	36.690	25.34
120	22.27	36.666	25.41
130	22.12	36.669	25.45
140	21.84	36.650	25.52
150	21.52	36.625	25.59
160	20.89	36.605	25.75
170	20.42	36.609	25.88
180	20.01	36.593	25.98
190	19.85	36.581	26.01
200	19.59	36.576	26.07
250	18.46	36.525	26.33
300	18.03	36.509	26.42
350	17.60	36.461	26.49
400	17.18	36.402	26.55
450	16.52	36.279	26.61
500	15.52	36.103	26.71
550	14.52	35.940	26.80
600	13.38	35.762	26.91
650	12.06	35.542	27.00
700	10.95	35.401	27.10
750	9.97	35.280	27.18
800	9.33	35.225	27.24
850	8.38	35.143	27.33
900	7.45	35.085	27.42
950	6.78	35.068	27.50
1000	6.37	35.073	27.56
1500	4.20	35.006	27.77
2000	3.60	34.984	27.81
2500	3.19	34.961	27.84
3000	2.79	34.935	27.85
3500	2.48	34.915	27.86
4000	2.32	34.902	27.87
4164	2.30	34.899	27.87

RES-STACS18-85 CTD 61 RESEARCHER
Date 05 10 85 Latitude 22.783 N
Time 0505 Z Longitude 72.627 W



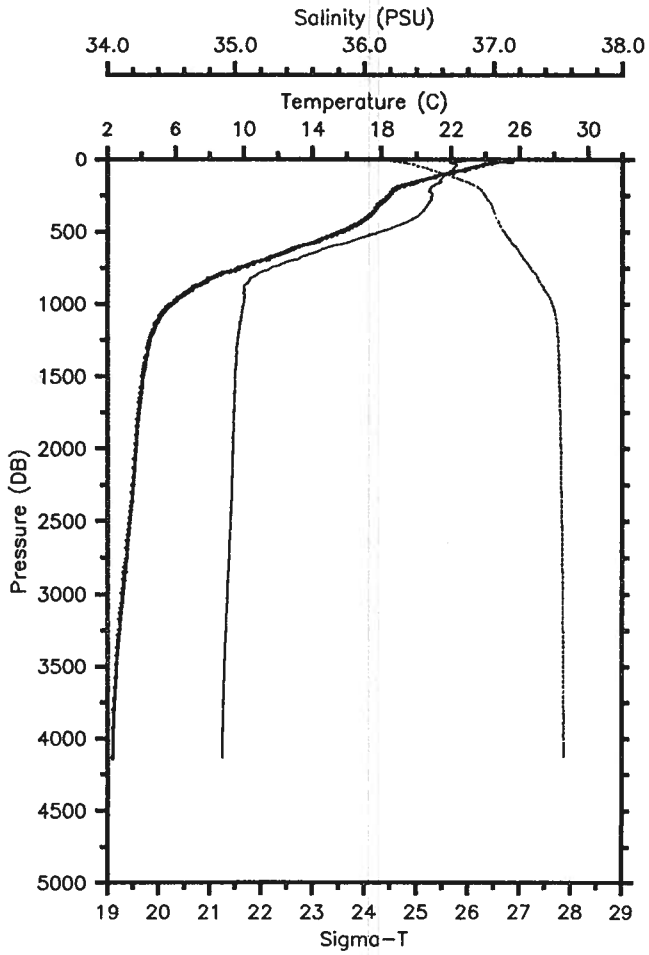
Prs	Tem	Sal	SigT
0	26.07	36.769	24.35
10	26.05	36.772	24.36
20	25.16	36.674	24.56
30	24.84	36.647	24.64
40	24.49	36.664	24.76
50	24.28	36.693	24.84
60	24.07	36.685	24.90
70	24.00	36.712	24.94
80	23.61	36.679	25.03
90	23.26	36.664	25.12
100	23.04	36.690	25.20
110	22.74	36.685	25.29
120	22.49	36.677	25.35
130	22.28	36.675	25.41
140	22.03	36.665	25.48
150	21.47	36.615	25.60
160	21.15	36.620	25.69
170	20.74	36.608	25.79
180	20.34	36.604	25.90
190	19.82	36.584	26.02
200	19.49	36.573	26.10
250	18.55	36.524	26.30
300	18.03	36.508	26.42
350	17.64	36.466	26.48
400	17.20	36.401	26.54
450	16.66	36.307	26.60
500	15.77	36.153	26.69
550	14.42	35.928	26.82
600	13.28	35.745	26.91
650	12.22	35.596	27.01
700	11.00	35.423	27.11
750	9.87	35.291	27.20
800	8.84	35.180	27.29
850	7.72	35.072	27.37
900	7.18	35.055	27.44
950	6.65	35.066	27.52
1000	6.15	35.073	27.59
1500	4.22	35.012	27.77
2000	3.66	34.985	27.81
2500	3.20	34.961	27.83
3000	2.82	34.938	27.85
3500	2.48	34.915	27.86
4000	2.32	34.903	27.87
4158	2.30	34.899	27.87

RES-STACS18-85 CTD 62 RESEARCHER
Date 05 10 85 Latitude 22.942 N
Time 0918 Z Longitude 72.560 W



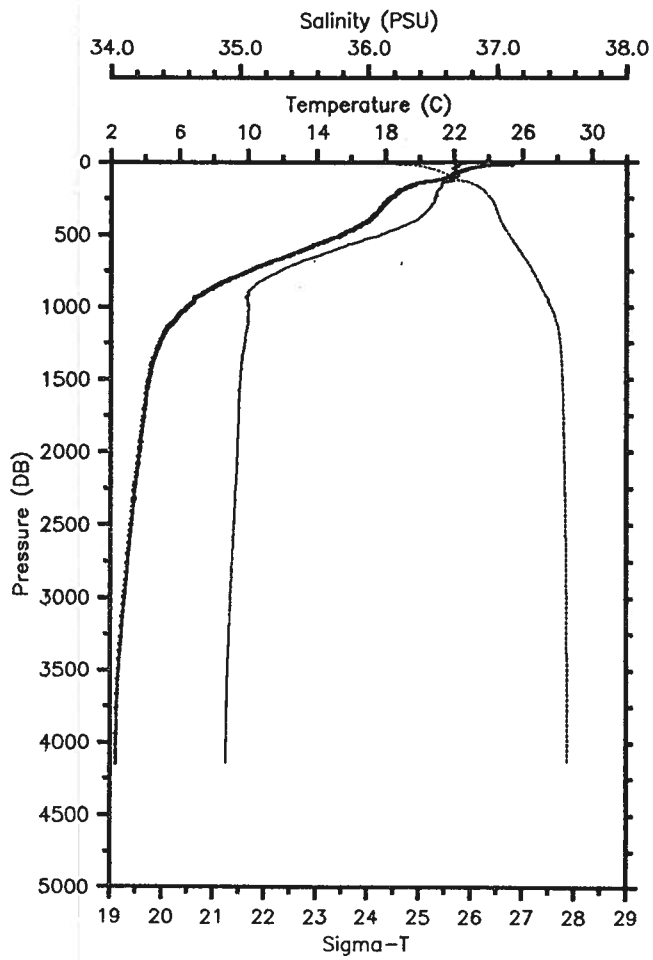
Prs	Tem	Sal	SigT
0	26.13	36.703	24.28
10	26.14	36.703	24.28
20	26.14	36.701	24.28
30	25.18	36.700	24.57
40	24.53	36.670	24.75
50	24.05	36.678	24.90
60	23.92	36.682	24.94
70	23.66	36.687	25.02
80	23.52	36.692	25.07
90	23.25	36.680	25.14
100	22.95	36.666	25.21
110	22.53	36.649	25.32
120	22.36	36.647	25.37
130	22.01	36.647	25.47
140	21.76	36.637	25.53
150	21.39	36.626	25.63
160	20.82	36.615	25.78
170	20.55	36.626	25.86
180	20.14	36.607	25.95
190	19.81	36.591	26.03
200	19.56	36.584	26.09
250	18.58	36.522	26.29
300	18.03	36.505	26.42
350	17.63	36.464	26.49
400	17.19	36.399	26.54
450	16.67	36.305	26.60
500	15.92	36.180	26.68
550	14.71	35.974	26.79
600	13.36	35.762	26.91
650	12.26	35.604	27.01
700	10.83	35.414	27.13
750	9.65	35.263	27.22
800	8.43	35.143	27.32
850	7.60	35.095	27.41
900	6.96	35.088	27.49
950	6.34	35.076	27.57
1000	5.84	35.062	27.62
1500	4.09	35.001	27.78
2000	3.67	34.984	27.81
2500	3.30	34.965	27.83
3000	2.91	34.942	27.85
3500	2.54	34.918	27.86
4000	2.34	34.904	27.87
4154	2.33	34.902	27.87

RES-STACS18-85 CTD 63 RESEARCHER
Date 05 10 85 Latitude 23.205 N
Time 1308 Z Longitude 72.440 W



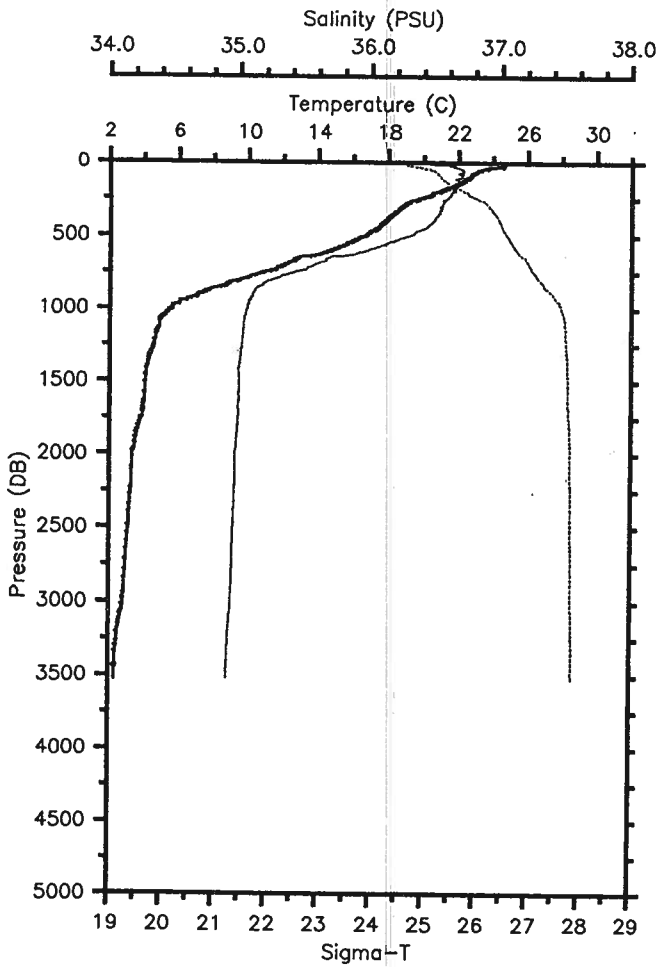
Prs	Tem	Sal	SigT
0	25.61	36.779	24.50
10	25.58	36.778	24.51
20	24.90	36.693	24.65
30	24.20	36.679	24.86
40	23.89	36.713	24.97
50	23.55	36.702	25.07
60	23.18	36.694	25.17
70	22.86	36.679	25.25
80	22.51	36.665	25.34
90	22.16	36.667	25.44
100	21.75	36.625	25.53
110	21.33	36.616	25.64
120	21.09	36.609	25.70
130	20.83	36.600	25.76
140	20.49	36.585	25.84
150	20.17	36.592	25.93
160	19.96	36.596	25.99
170	19.69	36.561	26.04
180	19.29	36.533	26.12
190	19.01	36.520	26.18
200	18.84	36.508	26.22
250	18.42	36.519	26.33
300	17.98	36.500	26.43
350	17.61	36.460	26.49
400	17.19	36.401	26.55
450	16.55	36.290	26.61
500	15.65	36.123	26.69
550	14.56	35.952	26.80
600	13.27	35.753	26.92
650	12.23	35.597	27.01
700	11.01	35.439	27.12
750	9.73	35.284	27.22
800	8.44	35.163	27.34
850	7.67	35.099	27.40
900	6.94	35.070	27.48
950	6.28	35.075	27.58
1000	5.74	35.065	27.64
1500	4.10	34.999	27.77
2000	3.68	34.984	27.81
2500	3.32	34.965	27.83
3000	2.90	34.940	27.85
3500	2.53	34.917	27.86
4000	2.34	34.903	27.87
4134	2.32	34.901	27.87

RES-STACS18-85 CTD 64 RESEARCHER
Date 05 10 85 Latitude 23.485 N
Time 1719 Z Longitude 72.340 W



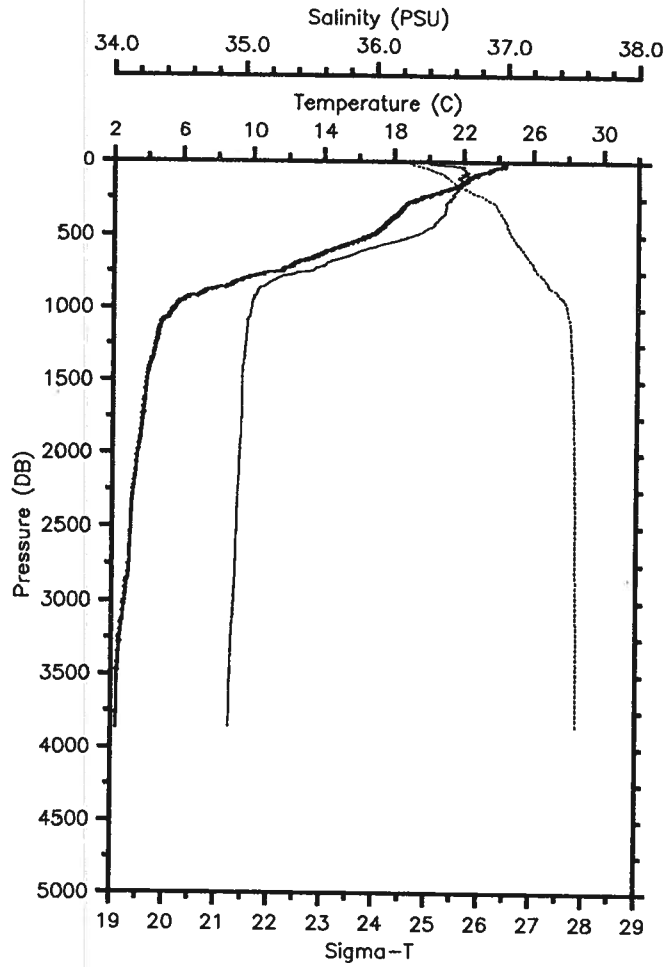
Prs	Tem	Sal	SigT
0	25.41	36.748	24.54
10	25.39	36.747	24.54
20	24.36	36.664	24.79
30	23.61	36.704	25.05
40	23.06	36.651	25.17
50	22.72	36.673	25.29
60	22.45	36.684	25.37
70	22.19	36.687	25.45
80	21.96	36.701	25.52
90	21.89	36.702	25.54
100	21.82	36.695	25.56
110	21.51	36.653	25.61
120	21.21	36.636	25.68
130	20.74	36.664	25.83
140	20.12	36.608	25.96
150	19.78	36.572	26.02
160	19.49	36.565	26.09
170	19.30	36.566	26.14
180	19.13	36.561	26.18
190	18.90	36.545	26.23
200	18.75	36.536	26.26
250	18.22	36.516	26.38
300	17.83	36.489	26.46
350	17.46	36.440	26.51
400	17.05	36.374	26.56
450	16.28	36.242	26.64
500	15.43	36.099	26.73
550	14.36	35.918	26.82
600	13.25	35.749	26.92
650	12.14	35.584	27.02
700	11.02	35.436	27.11
750	9.98	35.308	27.20
800	9.02	35.199	27.27
850	8.13	35.119	27.35
900	7.40	35.068	27.42
950	6.86	35.064	27.49
1000	6.45	35.072	27.55
1500	4.25	35.009	27.77
2000	3.68	34.986	27.81
2500	3.22	34.960	27.83
3000	2.81	34.935	27.85
3500	2.49	34.915	27.86
4000	2.33	34.902	27.87
4140	2.32	34.900	27.87

RES-STACS18-85 CTD 65 RESEARCHER
Date 05 11 85 Latitude 26.548 N
Time 2346 Z Longitude 76.775 W



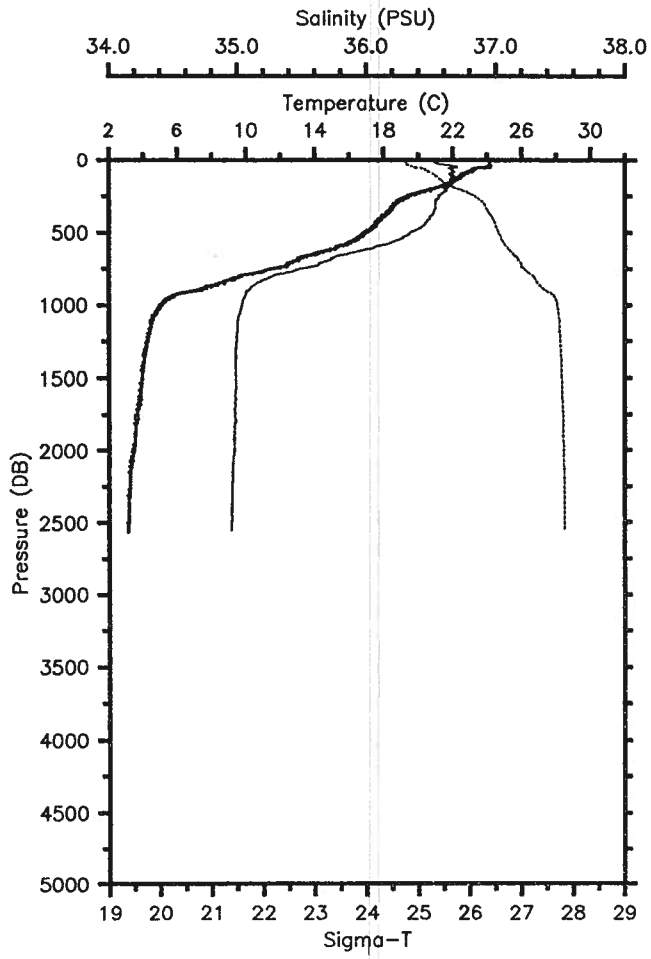
Prs	Tem	Sal	SigT
0	24.30	36.237	24.49
10	24.38	36.390	24.58
20	24.56	36.594	24.68
30	24.13	36.630	24.84
40	23.71	36.675	25.00
50	23.31	36.699	25.13
60	23.07	36.707	25.21
70	22.92	36.692	25.24
80	22.80	36.695	25.28
90	22.74	36.694	25.30
100	22.62	36.687	25.32
110	22.45	36.653	25.35
120	22.36	36.666	25.38
130	22.22	36.673	25.43
140	22.07	36.669	25.47
150	21.88	36.659	25.51
160	21.73	36.653	25.55
170	21.42	36.641	25.63
180	21.22	36.641	25.68
190	21.06	36.630	25.72
200	20.80	36.625	25.79
250	19.72	36.580	26.04
300	18.80	36.537	26.25
350	18.27	36.514	26.37
400	17.76	36.471	26.46
450	17.29	36.399	26.52
500	16.58	36.285	26.60
550	15.63	36.124	26.70
600	14.72	35.974	26.79
650	12.88	35.683	26.95
700	12.04	35.565	27.02
750	10.88	35.413	27.12
800	9.55	35.255	27.23
850	8.42	35.146	27.33
900	7.10	35.097	27.48
950	6.05	35.069	27.60
1000	5.62	35.057	27.65
1500	4.07	34.992	27.77
2000	3.33	34.967	27.83
2500	3.11	34.953	27.84
3000	2.81	34.935	27.85
3500	2.34	34.907	27.87
3520	2.33	34.907	27.87

RES-STACS18-85 CTD 66 RESEARCHER
Date 05 12 85 Latitude 26.543 N
Time 0825 Z Longitude 76.683 W



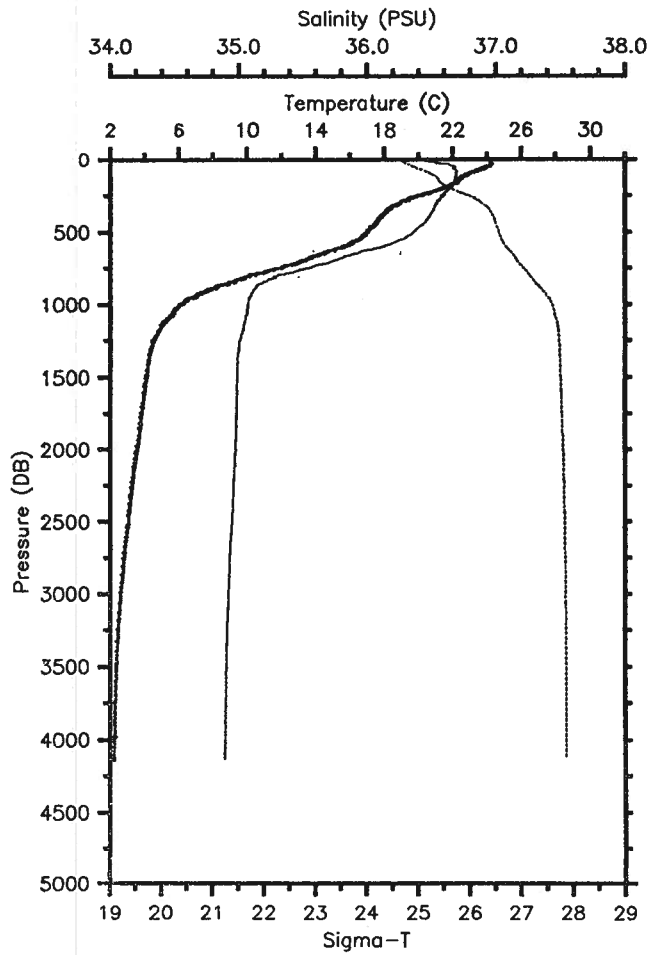
Prs	Tem	Sal	SigT
0	24.27	36.397	24.62
10	24.22	36.403	24.64
20	24.23	36.413	24.64
30	24.36	36.609	24.75
40	24.02	36.650	24.89
50	23.71	36.667	24.99
60	23.52	36.676	25.05
70	23.23	36.693	25.15
80	22.93	36.687	25.24
90	22.74	36.689	25.29
100	22.52	36.659	25.33
110	22.31	36.625	25.37
120	22.24	36.642	25.40
130	22.18	36.661	25.43
140	22.03	36.652	25.47
150	21.89	36.657	25.51
160	21.76	36.648	25.54
170	21.54	36.638	25.59
180	21.28	36.629	25.66
190	21.07	36.626	25.71
200	20.82	36.620	25.78
250	19.55	36.574	26.08
300	18.61	36.535	26.30
350	18.26	36.524	26.37
400	17.75	36.469	26.46
450	17.30	36.404	26.52
500	16.65	36.289	26.59
550	15.64	36.110	26.68
600	14.47	35.922	26.80
650	13.44	35.771	26.90
700	12.31	35.618	27.01
750	11.35	35.475	27.08
800	9.47	35.239	27.23
850	8.51	35.156	27.32
900	7.13	35.097	27.48
950	5.95	35.066	27.61
1000	5.53	35.055	27.66
1500	3.96	34.986	27.78
2000	3.47	34.974	27.82
2500	3.09	34.952	27.84
3000	2.75	34.932	27.85
3500	2.34	34.908	27.87
3856	2.28	34.901	27.87

RES-STACS18-85 CTD 67 RESEARCHER
Date 05 12 85 Latitude 26.557 N
Time 1617 Z Longitude 76.587 W



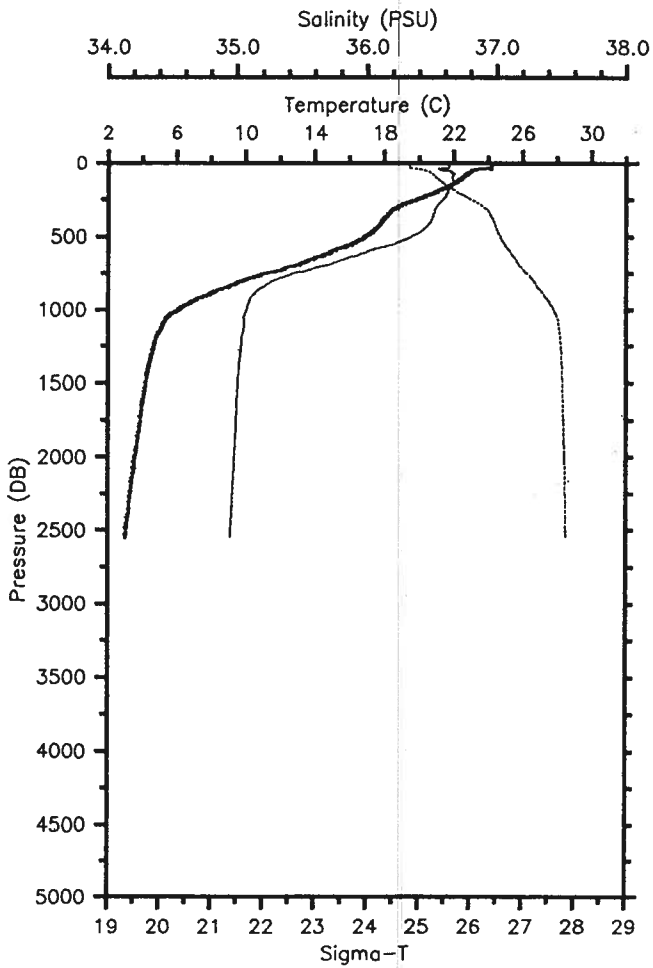
Prs	Tem	Sal	SigT
0	24.16	36.532	24.76
10	24.16	36.533	24.76
20	24.17	36.537	24.76
30	24.16	36.573	24.79
40	24.20	36.648	24.83
50	24.00	36.703	24.93
60	23.28	36.634	25.09
70	23.18	36.659	25.14
80	23.00	36.674	25.21
90	22.79	36.667	25.26
100	22.58	36.646	25.31
110	22.51	36.668	25.34
120	22.42	36.680	25.38
130	22.24	36.647	25.40
140	22.12	36.649	25.44
150	21.97	36.658	25.49
160	21.82	36.643	25.52
170	21.60	36.640	25.58
180	21.38	36.635	25.64
190	21.14	36.633	25.70
200	20.77	36.624	25.79
250	19.41	36.568	26.11
300	18.67	36.532	26.28
350	18.36	36.526	26.35
400	17.88	36.493	26.45
450	17.51	36.446	26.50
500	16.91	36.344	26.57
550	16.37	36.250	26.63
600	15.30	36.069	26.73
650	14.01	35.850	26.84
700	12.76	35.682	26.97
750	11.53	35.494	27.06
800	9.69	35.279	27.22
850	8.49	35.155	27.32
900	7.14	35.092	27.47
950	5.55	35.055	27.65
1000	5.05	35.037	27.70
1500	3.97	34.990	27.78
2000	3.46	34.979	27.82
2500	3.16	34.957	27.84
2554	3.13	34.955	27.84

RES-STACS18-85 CTD 68 RESEARCHER
Date 05 13 85 Latitude 26.573 N
Time 0124 Z Longitude 76.305 W



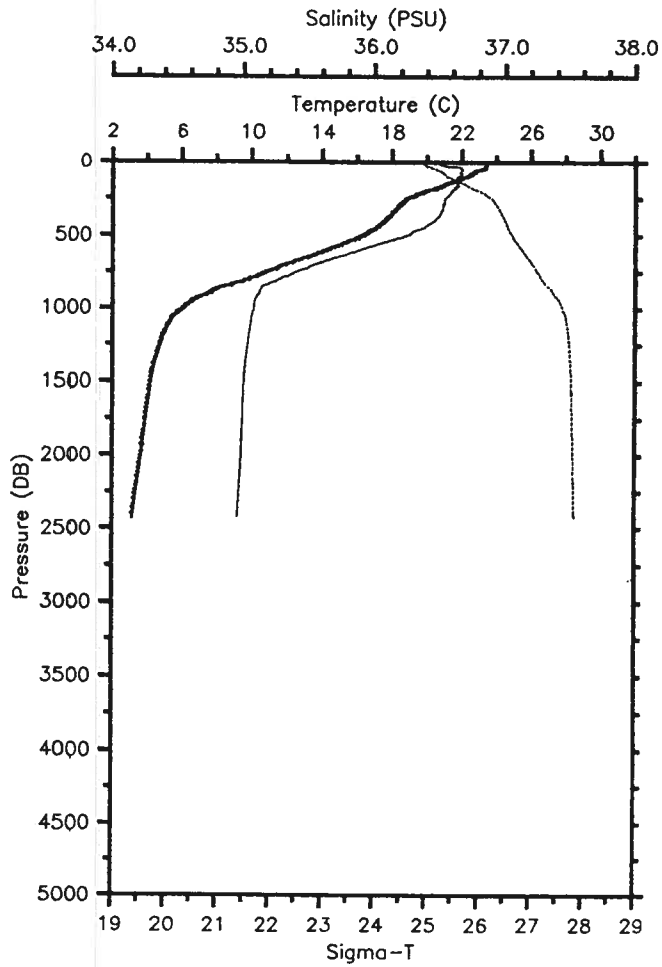
Prs	Tem	Sal	SigT
0	24.21	36.437	24.67
10	24.21	36.449	24.68
20	24.22	36.510	24.72
30	24.23	36.591	24.78
40	24.20	36.643	24.83
50	24.03	36.684	24.91
60	23.88	36.685	24.96
70	23.56	36.686	25.05
80	23.38	36.695	25.11
90	23.09	36.702	25.20
100	22.86	36.695	25.26
110	22.67	36.691	25.31
120	22.54	36.687	25.35
130	22.42	36.684	25.38
140	22.36	36.681	25.39
150	22.31	36.682	25.41
160	22.21	36.678	25.43
170	22.04	36.668	25.48
180	21.85	36.658	25.52
190	21.59	36.655	25.59
200	21.43	36.653	25.64
250	19.97	36.590	25.98
300	18.88	36.536	26.23
350	18.21	36.519	26.38
400	17.77	36.479	26.46
450	17.44	36.435	26.51
500	17.01	36.364	26.56
550	16.48	36.267	26.61
600	15.65	36.132	26.70
650	14.33	35.904	26.82
700	13.19	35.738	26.93
750	11.78	35.530	27.04
800	10.16	35.307	27.16
850	8.97	35.188	27.27
900	7.72	35.121	27.41
950	6.84	35.082	27.51
1000	6.07	35.077	27.60
1500	4.14	34.991	27.76
2000	3.59	34.977	27.81
2500	3.09	34.954	27.84
3000	2.63	34.924	27.86
3500	2.37	34.907	27.87
4000	2.27	34.898	27.87
4130	2.26	34.896	27.87

RES-STACS18-85 CTD 69 RESEARCHER
Date 05 13 85 Latitude 26.913 N
Time 0617 Z Longitude 76.125 W



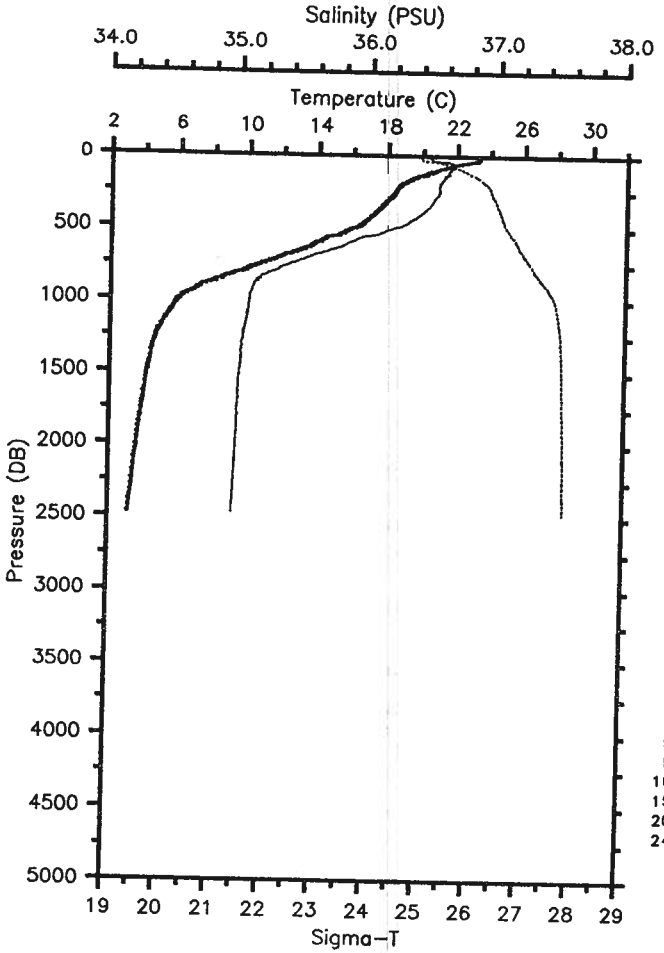
Prs	Tem	Sal	SigT
0	24.21	36.628	24.81
10	24.21	36.628	24.81
20	24.21	36.628	24.81
30	24.21	36.629	24.81
40	23.75	36.546	24.89
50	23.08	36.581	25.11
60	22.97	36.655	25.20
70	22.82	36.661	25.25
80	22.72	36.666	25.28
90	22.63	36.669	25.31
100	22.50	36.658	25.34
110	22.39	36.661	25.37
120	22.27	36.664	25.41
130	22.14	36.669	25.45
140	21.99	36.663	25.49
150	21.87	36.654	25.51
160	21.71	36.648	25.55
170	21.54	36.638	25.59
180	21.28	36.635	25.66
190	21.09	36.626	25.71
200	20.96	36.628	25.75
250	19.88	36.584	26.01
300	18.81	36.536	26.25
350	18.20	36.510	26.38
400	17.84	36.489	26.45
450	17.44	36.430	26.51
500	16.88	36.342	26.57
550	16.09	36.208	26.66
600	14.96	36.010	26.76
650	13.87	35.833	26.86
700	12.77	35.661	26.95
750	11.07	35.429	27.10
800	9.80	35.282	27.21
850	8.75	35.187	27.30
900	7.76	35.124	27.41
950	6.81	35.094	27.52
1000	6.10	35.076	27.60
1500	4.20	35.009	27.77
2000	3.60	34.982	27.81
2500	3.07	34.952	27.84
2544	3.04	34.950	27.84

RES-STACS18-85 CTD 70 RESEARCHER
Date 05 13 85 Latitude 27.355 N
Time 1202 Z Longitude 75.878 W



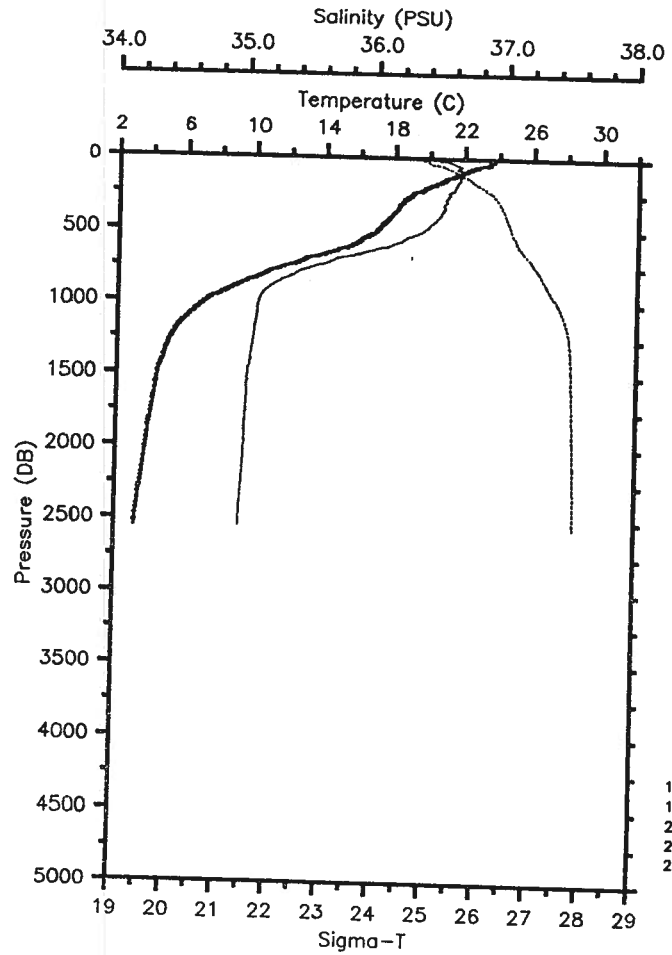
Prs	Tem	Sal	SigT
0	23.39	36.501	24.96
10	23.40	36.502	24.96
20	23.40	36.513	24.97
30	23.41	36.563	25.00
40	23.35	36.662	25.09
50	23.10	36.666	25.17
60	22.80	36.662	25.25
70	22.63	36.654	25.30
80	22.51	36.659	25.34
90	22.46	36.657	25.35
100	22.24	36.627	25.39
110	21.98	36.630	25.46
120	21.77	36.638	25.53
130	21.53	36.635	25.59
140	21.32	36.637	25.65
150	21.03	36.626	25.72
160	20.93	36.640	25.76
170	20.71	36.621	25.81
180	20.46	36.621	25.88
190	20.12	36.593	25.95
200	19.86	36.591	26.01
250	18.82	36.535	26.24
300	18.36	36.522	26.35
350	17.99	36.502	26.43
400	17.59	36.456	26.49
450	17.05	36.365	26.55
500	16.28	36.236	26.63
550	15.19	36.045	26.74
600	14.23	35.887	26.82
650	12.99	35.693	26.93
700	11.85	35.534	27.03
750	10.79	35.402	27.13
800	9.84	35.280	27.20
850	8.31	35.138	27.34
900	7.49	35.118	27.44
950	6.57	35.089	27.55
1000	6.05	35.078	27.61
1500	4.20	35.005	27.77
2000	3.65	34.986	27.81
2420	3.16	34.958	27.84

RES-STACS18-85 CTD 71 RESEARCHER
Date 05 13 85 Latitude 27.810 N
Time 1735 Z Longitude 75.613 W



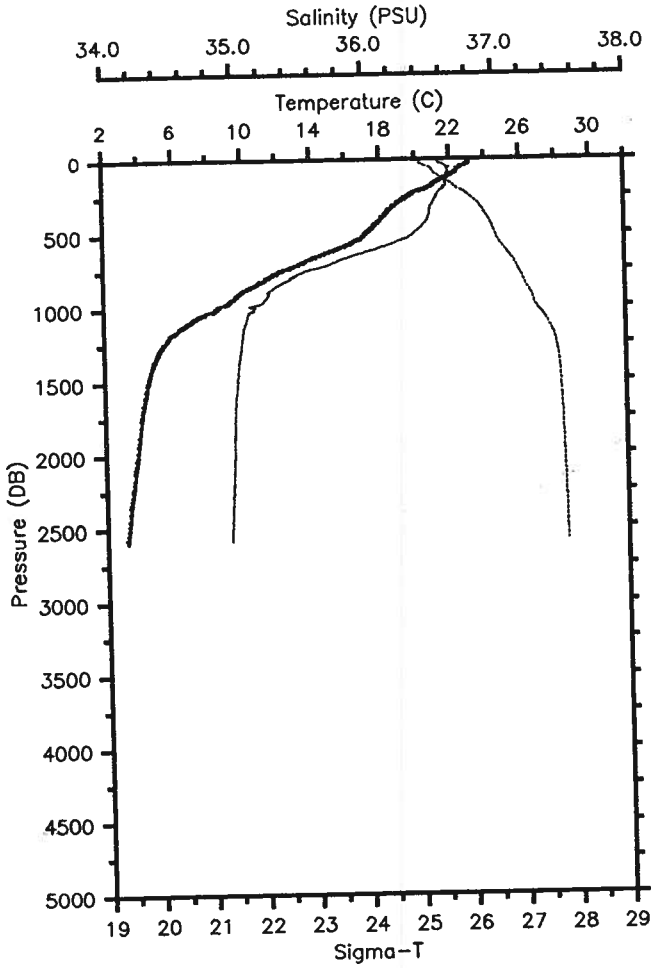
Prs	Tem	Sal	SigT
0	23.37	36.460	24.94
10	23.36	36.461	24.94
20	23.27	36.460	24.96
30	23.22	36.478	24.99
40	22.99	36.544	25.11
50	22.34	36.630	25.36
60	21.97	36.625	25.46
70	21.68	36.641	25.56
80	21.42	36.641	25.63
90	21.02	36.629	25.73
100	20.72	36.613	25.80
110	20.51	36.606	25.85
120	20.28	36.600	25.91
130	20.06	36.599	25.97
140	19.69	36.577	26.05
150	19.52	36.567	26.09
160	19.36	36.562	26.12
170	19.14	36.547	26.17
180	19.00	36.546	26.20
190	18.83	36.528	26.23
200	18.73	36.530	26.26
250	18.43	36.531	26.34
300	18.02	36.492	26.41
350	17.65	36.456	26.47
400	17.19	36.391	26.54
450	16.68	36.304	26.59
500	15.95	36.170	26.66
550	15.01	36.012	26.75
600	13.84	35.830	26.86
650	13.01	35.703	26.94
700	11.81	35.530	27.04
750	10.65	35.385	27.14
800	9.67	35.269	27.22
850	8.45	35.158	27.33
900	7.23	35.104	27.47
950	6.56	35.082	27.54
1000	5.97	35.073	27.61
1500	4.21	35.006	27.77
2000	3.64	34.984	27.81
2470	3.19	34.958	27.83

RES-STACS18-85 CTD 72 RESEARCHER
Date 05 13 85 Latitude 28.248 N
Time 2257 Z Longitude 75.358 W



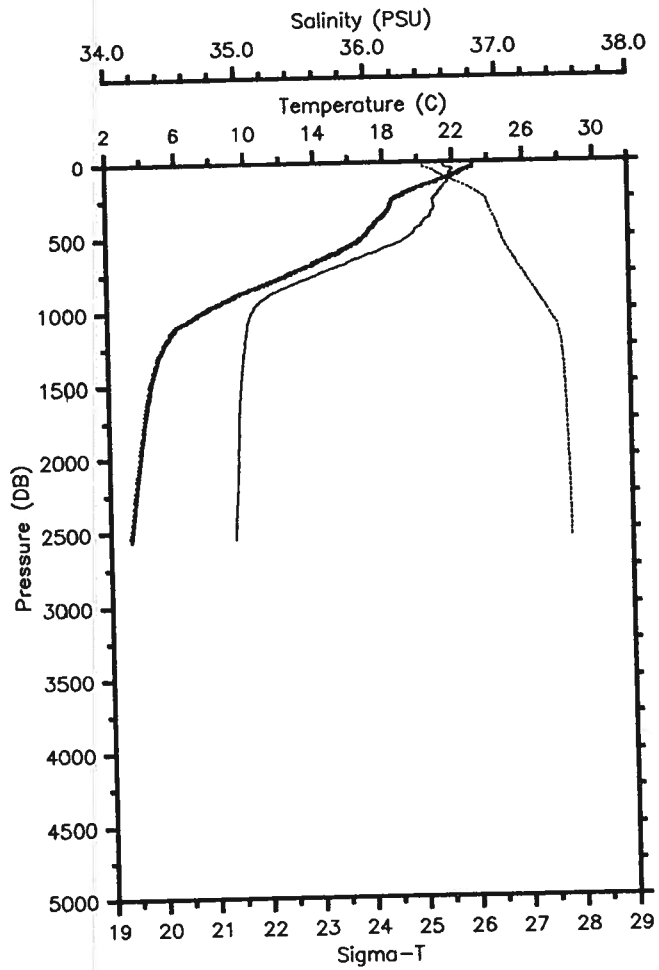
Prs	Tem	Sal	SigT
0	23.72	36.464	24.83
10	23.69	36.473	24.85
20	23.48	36.525	24.95
30	23.48	36.566	24.98
40	23.46	36.588	25.01
50	22.89	36.626	25.20
60	22.65	36.634	25.28
70	22.42	36.627	25.34
80	22.17	36.635	25.41
90	22.06	36.642	25.45
100	21.82	36.638	25.51
110	21.66	36.640	25.56
120	21.45	36.636	25.62
130	21.22	36.626	25.67
140	20.96	36.624	25.74
150	20.84	36.631	25.78
160	20.68	36.622	25.82
170	20.48	36.607	25.86
180	20.33	36.602	25.90
190	20.11	36.602	25.96
200	19.93	36.592	26.00
250	19.00	36.553	26.21
300	18.51	36.530	26.32
350	18.16	36.514	26.39
400	17.75	36.473	26.46
450	17.33	36.417	26.52
500	16.95	36.355	26.57
550	16.21	36.227	26.64
600	15.57	36.115	26.71
650	14.33	35.907	26.82
700	12.86	35.679	26.95
750	11.74	35.521	27.04
800	10.61	35.371	27.13
850	9.58	35.260	27.23
900	8.68	35.172	27.30
950	7.87	35.120	27.39
1000	7.06	35.088	27.48
1500	4.37	35.010	27.76
2000	3.74	34.989	27.80
2500	3.19	34.959	27.83
2542	3.15	34.956	27.84

RES-STACS18-85 CTD 73 RESEARCHER
Date 05 14 85 Latitude 28.673 N
Time 0415 Z Longitude 75.083 W



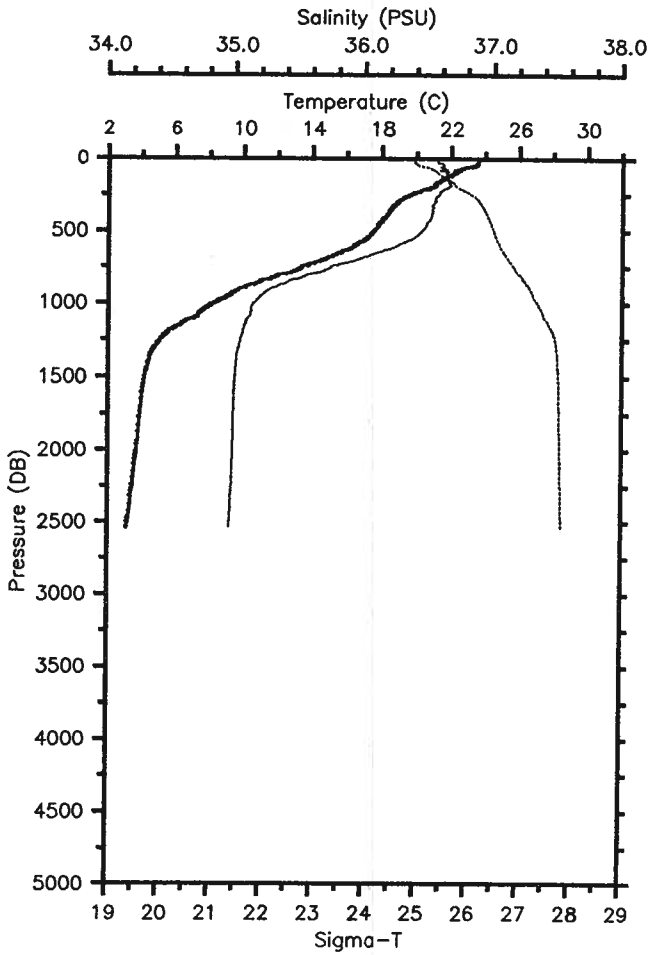
Prs	Tem	Sal	SigT
0	23.18	36.586	25.09
10	23.18	36.586	25.09
20	23.18	36.586	25.09
30	23.13	36.597	25.11
40	22.98	36.629	25.18
50	22.71	36.637	25.26
60	22.65	36.671	25.31
70	22.49	36.654	25.34
80	22.43	36.659	25.36
90	22.39	36.659	25.37
100	22.23	36.647	25.41
110	22.09	36.650	25.45
120	21.92	36.641	25.49
130	21.73	36.633	25.54
140	21.58	36.637	25.58
150	21.37	36.635	25.64
160	21.24	36.638	25.68
170	21.09	36.638	25.72
180	20.99	36.642	25.75
190	20.81	36.622	25.78
200	20.66	36.621	25.82
250	19.62	36.569	26.06
300	18.93	36.537	26.22
350	18.46	36.514	26.32
400	18.06	36.502	26.41
450	17.64	36.457	26.48
500	17.19	36.394	26.54
550	16.58	36.285	26.60
600	15.61	36.117	26.70
650	14.40	35.918	26.81
700	13.43	35.770	26.90
750	12.30	35.569	26.97
800	11.39	35.440	27.05
850	10.66	35.336	27.10
900	9.88	35.272	27.19
950	9.36	35.238	27.25
1000	8.58	35.164	27.31
1500	4.53	35.025	27.75
2000	3.86	34.993	27.80
2500	3.28	34.963	27.83
2586	3.19	34.958	27.83

RES-STACS18-85 CTD 74 RESEARCHER
Date 05 14 85 Latitude 29.103 N
Time 0851 Z Longitude 74.807 W



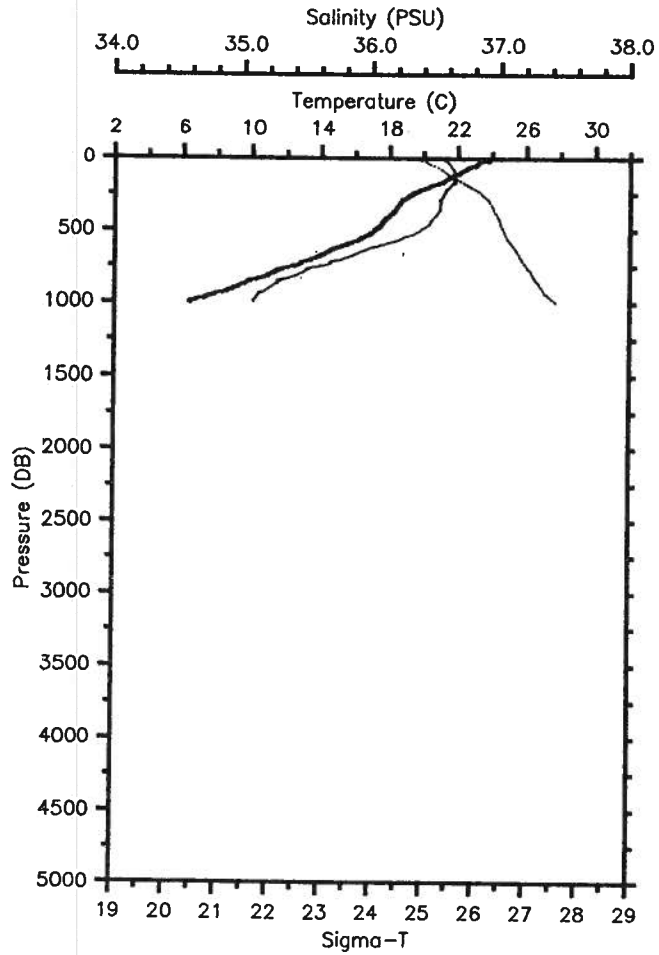
Prs	Tem	Sal	SigT
0	23.18	36.599	25.10
10	23.16	36.600	25.10
20	23.16	36.600	25.10
30	23.16	36.601	25.10
40	23.01	36.646	25.18
50	22.76	36.658	25.26
60	22.56	36.668	25.33
70	22.41	36.644	25.35
80	22.25	36.638	25.39
90	22.00	36.644	25.47
100	21.86	36.646	25.51
110	21.56	36.637	25.59
120	21.31	36.628	25.65
130	21.12	36.631	25.71
140	20.89	36.626	25.76
150	20.57	36.609	25.84
160	20.31	36.604	25.91
170	20.07	36.597	25.96
180	19.81	36.577	26.02
190	19.59	36.572	26.07
200	19.42	36.564	26.11
250	18.58	36.524	26.30
300	18.38	36.523	26.35
350	18.08	36.499	26.40
400	17.59	36.443	26.48
450	17.18	36.376	26.53
500	16.82	36.330	26.58
550	16.21	36.223	26.64
600	15.43	36.084	26.71
650	14.38	35.913	26.81
700	13.49	35.776	26.89
750	12.45	35.625	26.99
800	11.40	35.476	27.07
850	10.28	35.337	27.17
900	9.28	35.230	27.25
950	8.31	35.153	27.35
1000	7.53	35.119	27.44
1500	4.45	35.020	27.75
2000	3.80	34.992	27.80
2500	3.27	34.965	27.83
2552	3.20	34.961	27.83

RES-STACS18-85 CTD 75 RESEARCHER
Date 05 14 85 Latitude 29.005 N
Time 1530 Z Longitude 75.917 W



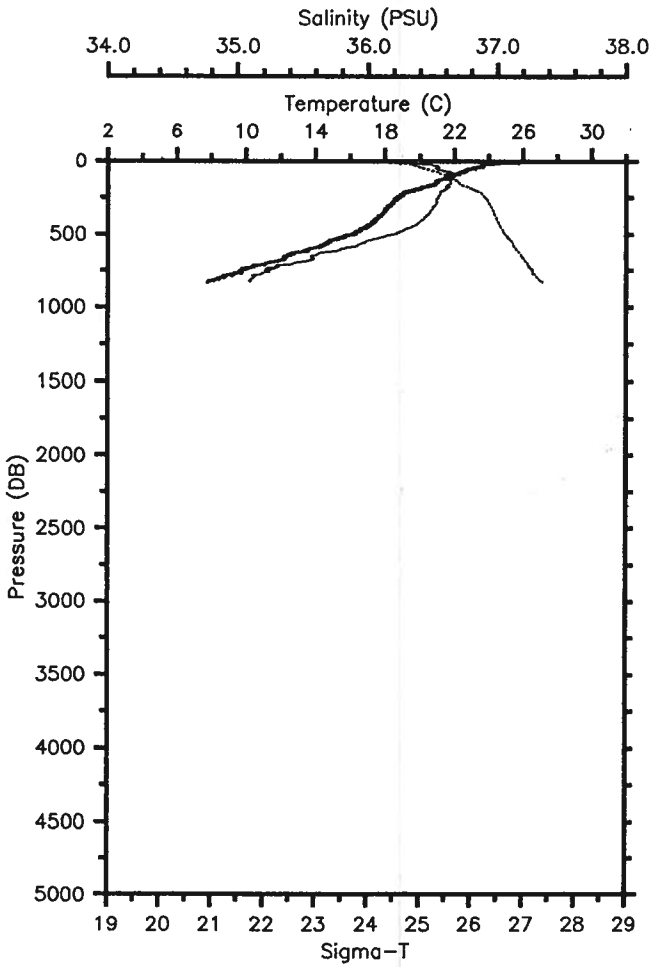
Prs	Tem	Sal	SigT
0	23.68	36.546	24.91
10	23.57	36.557	24.95
20	23.57	36.561	24.95
30	23.56	36.567	24.96
40	23.49	36.604	25.01
50	23.29	36.605	25.07
60	22.83	36.583	25.19
70	22.55	36.600	25.28
80	22.33	36.572	25.32
90	22.32	36.646	25.38
100	22.16	36.628	25.41
110	22.05	36.635	25.45
120	21.85	36.634	25.50
130	21.70	36.637	25.55
140	21.52	36.638	25.60
150	21.40	36.647	25.64
160	21.24	36.649	25.69
170	21.12	36.658	25.72
180	21.09	36.663	25.74
190	21.01	36.658	25.76
200	20.82	36.645	25.80
250	19.58	36.571	26.07
300	18.93	36.546	26.22
350	18.50	36.521	26.31
400	18.20	36.513	26.38
450	17.83	36.481	26.45
500	17.51	36.440	26.50
550	17.12	36.379	26.55
600	16.42	36.259	26.62
650	15.58	36.108	26.70
700	14.65	35.954	26.79
750	13.37	35.742	26.89
800	12.19	35.575	27.00
850	10.95	35.412	27.11
900	9.75	35.273	27.21
950	9.07	35.202	27.27
1000	8.24	35.146	27.35
1500	4.16	34.997	27.77
2000	3.71	34.981	27.80
2500	3.19	34.956	27.83
2532	3.15	34.955	27.83

RES-STACS18-85 CTD 76 RESEARCHER
Date 05 14 85 Latitude 28.998 N
Time 2123 Z Longitude 77.080 W



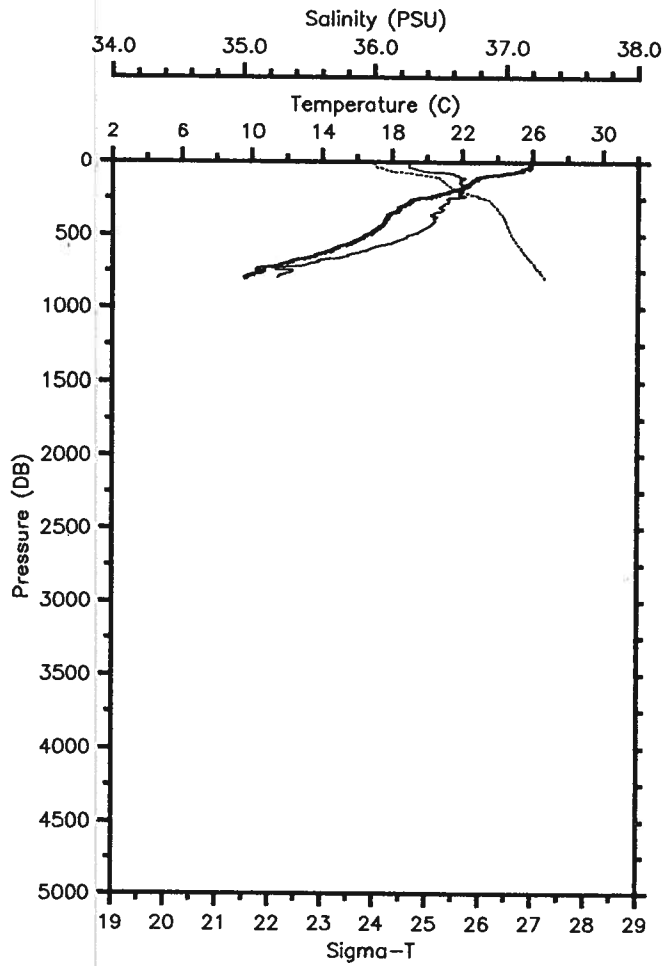
Prs	Tem	Sal	SigT
0	24.50	36.543	24.66
10	23.83	36.568	24.88
20	23.57	36.566	24.96
30	23.21	36.592	25.08
40	23.12	36.597	25.11
50	23.06	36.615	25.14
60	22.74	36.613	25.24
70	22.52	36.623	25.31
80	22.37	36.620	25.35
90	22.21	36.635	25.40
100	22.08	36.637	25.44
110	21.97	36.640	25.47
120	21.74	36.618	25.52
130	21.54	36.628	25.59
140	21.42	36.632	25.62
150	21.25	36.635	25.67
160	21.15	36.645	25.71
170	20.92	36.624	25.75
180	20.75	36.624	25.80
190	20.47	36.608	25.86
200	20.27	36.604	25.91
250	19.34	36.558	26.12
300	18.68	36.530	26.28
350	18.37	36.525	26.35
400	17.95	36.486	26.42
450	17.57	36.448	26.49
500	17.07	36.368	26.55
550	16.36	36.241	26.62
600	15.46	36.088	26.71
650	14.36	35.909	26.81
700	13.44	35.768	26.90
750	12.33	35.604	27.00
800	11.06	35.431	27.10
850	9.73	35.249	27.19
900	8.87	35.195	27.29
950	7.56	35.101	27.42
998	6.31	35.072	27.57

RES-STACS18-85 CTD 77 RESEARCHER
Date 05 15 85 Latitude 29.002 N
Time 0249 Z Longitude 78.172 W



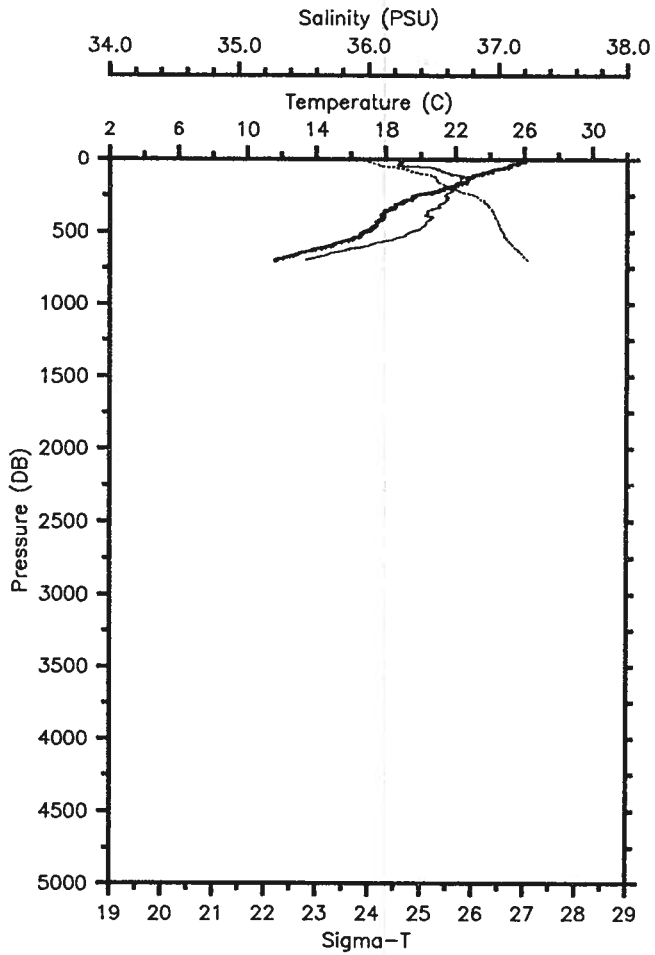
Prs	Tem	Sal	SigT
0	25.74	36.295	24.09
10	25.67	36.261	24.09
20	23.80	36.412	24.77
30	23.66	36.519	24.89
40	23.32	36.546	25.02
50	23.05	36.531	25.08
60	22.72	36.545	25.19
70	22.54	36.603	25.28
80	22.31	36.653	25.39
90	22.02	36.622	25.45
100	21.84	36.635	25.51
110	21.59	36.641	25.58
120	21.48	36.633	25.61
130	21.14	36.637	25.70
140	20.98	36.637	25.75
150	20.93	36.638	25.76
160	20.80	36.626	25.79
170	20.51	36.610	25.85
180	20.16	36.620	25.96
190	19.96	36.617	26.01
200	19.63	36.593	26.08
250	18.69	36.540	26.28
300	18.28	36.518	26.36
350	17.89	36.480	26.43
400	17.48	36.426	26.49
450	16.90	36.339	26.57
500	16.09	36.202	26.65
550	14.79	35.987	26.78
600	13.76	35.813	26.87
650	12.29	35.571	26.98
700	11.20	35.440	27.08
750	9.67	35.208	27.17
800	8.51	35.118	27.29
826	7.82	35.101	27.38

RES-STACS18-85 CTD 78 RESEARCHER
Date 05 15 85 Latitude 29.013 N
Time 0740 Z Longitude 78.808 W



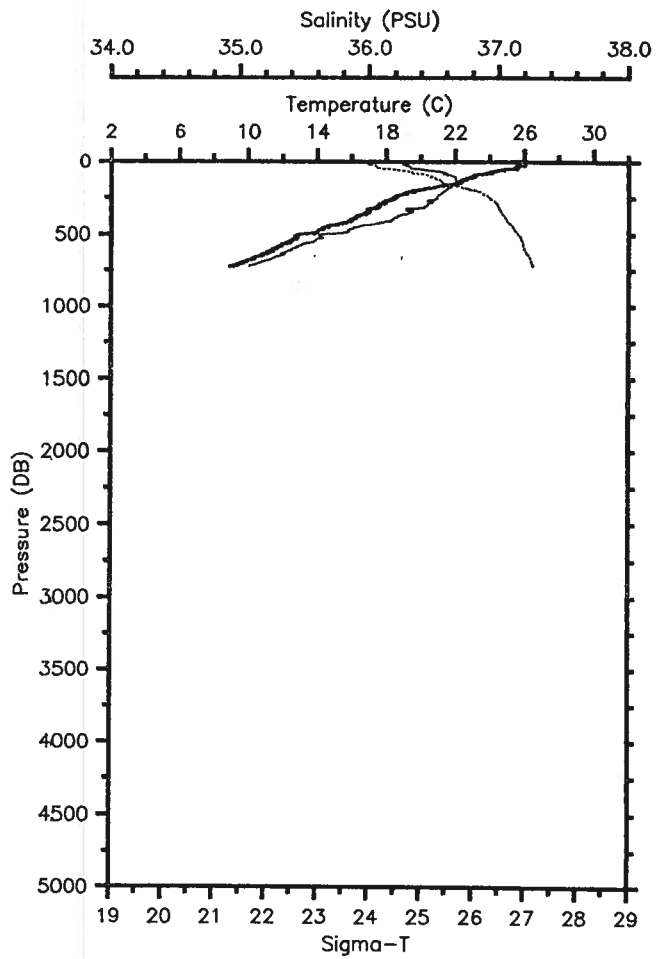
Prs	Tem	Sal	SigT
0	25.94	36.264	24.01
10	25.94	36.264	24.01
20	25.93	36.263	24.01
30	25.86	36.261	24.03
40	25.79	36.260	24.05
50	25.46	36.313	24.19
60	25.33	36.361	24.27
70	25.00	36.441	24.43
80	24.42	36.594	24.72
90	23.97	36.606	24.87
100	23.20	36.641	25.12
110	22.91	36.686	25.24
120	22.82	36.669	25.25
130	22.61	36.654	25.30
140	22.52	36.653	25.33
150	22.41	36.659	25.36
160	22.34	36.662	25.39
170	22.16	36.655	25.43
180	21.97	36.655	25.48
190	21.71	36.646	25.55
200	21.38	36.633	25.63
250	19.57	36.575	26.08
300	18.65	36.515	26.27
350	18.03	36.459	26.38
400	17.66	36.458	26.48
450	17.25	36.398	26.53
500	16.58	36.278	26.60
550	15.83	36.159	26.68
600	14.65	35.958	26.79
650	13.56	35.791	26.89
700	11.80	35.501	27.02
750	10.59	35.357	27.13
798	9.59	35.256	27.22

RES-STACS18-85 CTD 79 RESEARCHER
Date 05 15 85 Latitude 29.007 N
Time 2303 Z Longitude 79.093 W



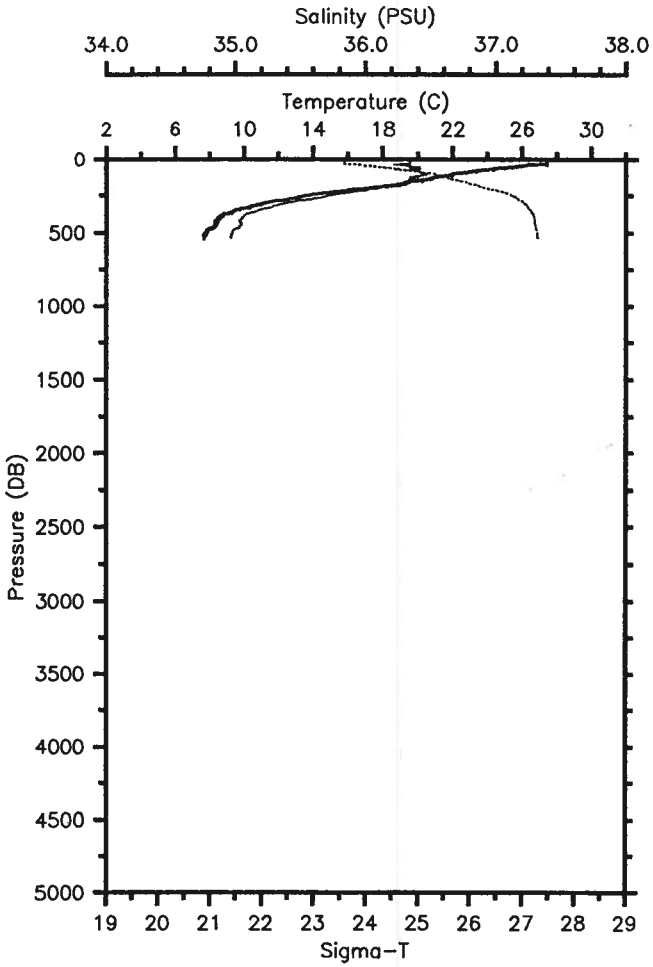
Prs	Tem	Sal	SigT
0	26.10	36.259	23.95
10	26.07	36.258	23.96
20	25.86	36.245	24.02
30	25.59	36.258	24.11
40	25.21	36.221	24.20
50	25.17	36.376	24.33
60	24.84	36.484	24.51
70	24.29	36.520	24.71
80	24.15	36.558	24.78
90	23.85	36.577	24.88
100	23.57	36.626	25.00
110	23.16	36.692	25.17
120	22.97	36.737	25.26
130	22.74	36.711	25.31
140	22.72	36.708	25.31
150	22.70	36.709	25.32
160	22.53	36.683	25.35
170	22.19	36.658	25.43
180	21.98	36.660	25.49
190	21.75	36.654	25.55
200	21.37	36.638	25.64
250	19.76	36.591	26.04
300	18.94	36.583	26.25
350	18.11	36.474	26.37
400	17.88	36.493	26.45
450	17.43	36.435	26.51
500	16.79	36.331	26.59
550	16.04	36.199	26.66
600	14.67	35.967	26.79
650	12.97	35.708	26.95
698	11.62	35.520	27.07

RES-STACS18-85 CTD 80 RESEARCHER
Date 05 16 85 Latitude 29.043 N
Time 0310 Z Longitude 79.453 W



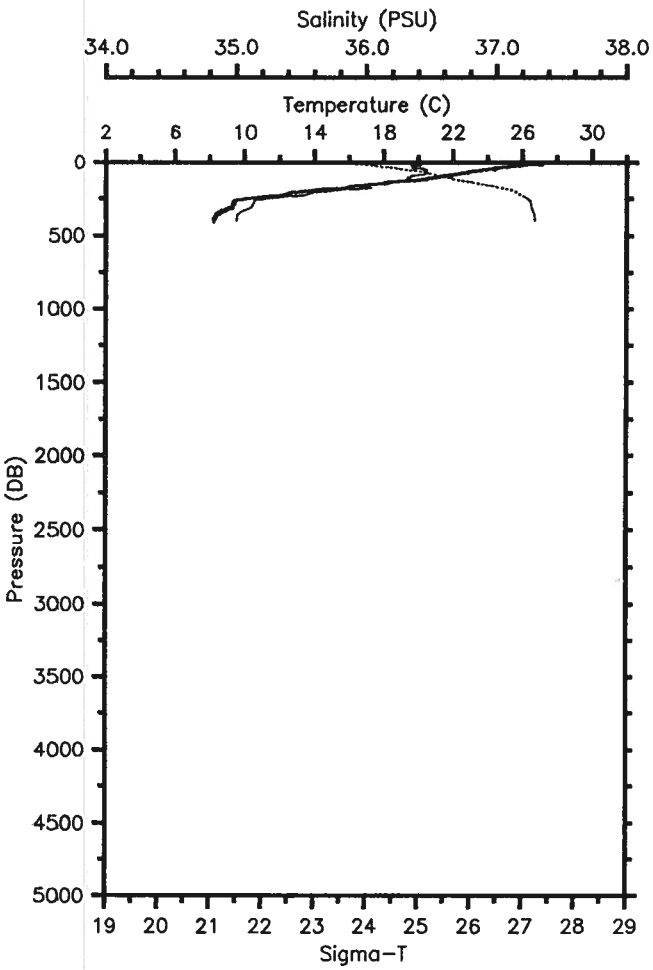
Prs	Tem	Sal	SigT
0	26.01	36.272	23.99
10	26.02	36.272	23.99
20	26.02	36.273	23.99
30	25.64	36.306	24.13
40	25.56	36.321	24.17
50	24.90	36.387	24.42
60	24.53	36.446	24.58
70	24.05	36.548	24.80
80	23.83	36.589	24.90
90	23.16	36.605	25.11
100	23.04	36.658	25.18
110	22.80	36.668	25.26
120	22.53	36.669	25.34
130	22.35	36.675	25.39
140	22.24	36.673	25.42
150	21.94	36.660	25.50
160	21.39	36.646	25.64
170	21.01	36.641	25.74
180	20.50	36.612	25.86
190	20.16	36.607	25.95
200	19.64	36.586	26.07
250	18.44	36.524	26.33
300	17.60	36.446	26.48
350	16.91	36.323	26.55
400	16.00	36.180	26.66
450	14.46	35.887	26.78
500	13.09	35.648	26.88
550	12.42	35.578	26.96
600	11.52	35.410	27.00
650	10.74	35.320	27.07
700	9.66	35.151	27.13
724	8.98	35.072	27.18

RES-STACS18-85 CTD 81 RESEARCHER
Date 05 16 85 Latitude 29.080 N
Time 0820 Z Longitude 79.827 W



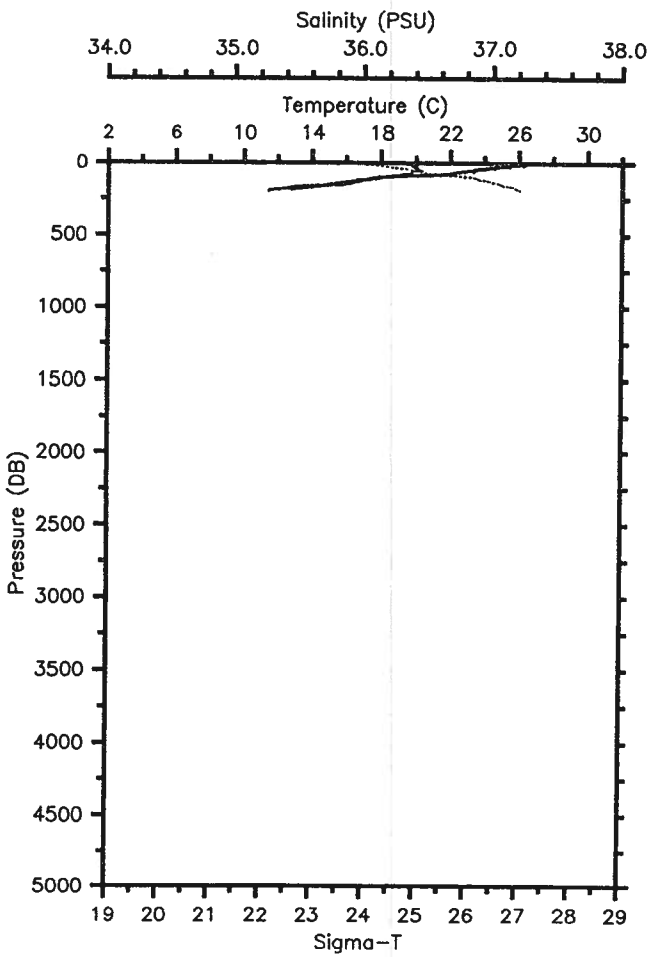
Prs	Tem	Sal	SigT
0	27.41	36.338	23.60
10	27.41	36.338	23.60
20	27.41	36.338	23.59
30	27.42	36.339	23.59
40	26.23	36.260	23.91
50	25.62	36.355	24.18
60	24.84	36.332	24.40
70	24.02	36.374	24.68
80	23.23	36.375	24.91
90	22.71	36.424	25.10
100	22.01	36.468	25.33
110	21.67	36.442	25.41
120	21.08	36.337	25.49
130	20.77	36.403	25.63
140	20.30	36.365	25.73
150	19.70	36.326	25.85
160	19.27	36.328	25.97
170	18.89	36.288	26.04
180	18.36	36.280	26.16
190	17.89	36.190	26.21
200	17.17	36.099	26.32
250	13.63	35.723	26.82
300	11.24	35.405	27.05
350	9.49	35.171	27.17
400	8.51	35.051	27.24
450	8.36	35.042	27.25
500	7.82	34.979	27.28
536	7.67	34.967	27.30

RES-STACS18-85 CTD 82 RESEARCHER
Date 05 16 85 Latitude 29.027 N
Time 1107 Z Longitude 79.925 W



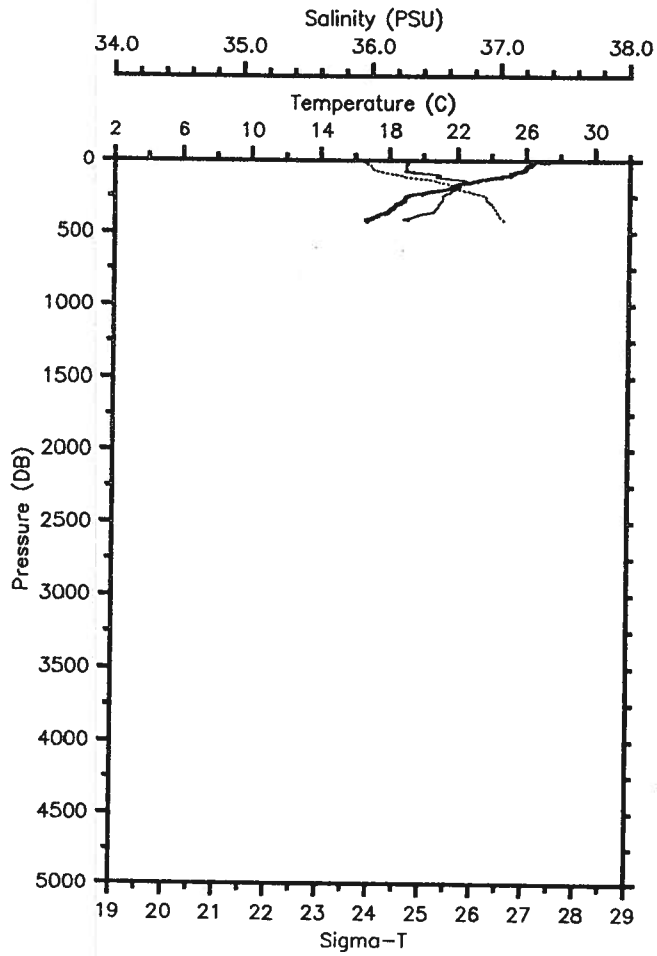
Prs	Tem	Sal	SigT
0	27.11	36.374	23.72
10	27.10	36.374	23.72
20	26.01	36.405	24.09
30	25.20	36.363	24.31
40	24.26	36.367	24.60
50	23.77	36.436	24.80
60	23.15	36.456	25.00
70	22.62	36.472	25.16
80	22.10	36.445	25.29
90	21.44	36.348	25.40
100	21.08	36.326	25.48
110	20.53	36.330	25.63
120	19.95	36.315	25.78
130	18.73	36.145	25.97
140	18.29	36.129	26.06
150	17.19	36.026	26.26
160	16.52	35.965	26.37
170	16.07	36.034	26.53
180	15.43	35.979	26.63
190	14.11	35.797	26.78
200	13.37	35.684	26.85
250	10.13	35.233	27.11
300	9.29	35.124	27.17
350	8.45	35.020	27.22
398	8.22	35.001	27.24

RES-STACS21-85 CTD 83 RESEARCHER
Date 05 16 85 Latitude 29.017 N
Time 1354 Z Longitude 80.030 W



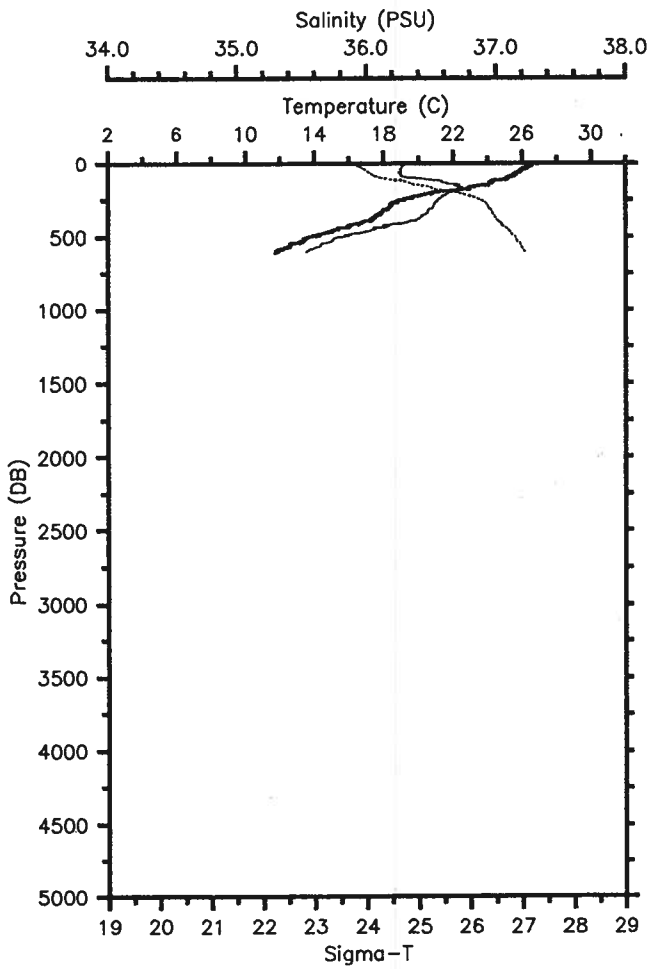
Prs	Tem	Sal	SigT
0	26.36	36.368	23.95
10	26.27	36.358	23.97
20	25.40	36.406	24.28
30	24.61	36.375	24.50
40	23.96	36.402	24.72
50	23.37	36.443	24.92
60	22.73	36.367	25.05
70	22.23	36.370	25.20
80	21.22	36.269	25.40
90	19.72	36.190	25.75
100	17.99	36.096	26.12
110	17.43	36.034	26.21
120	16.65	35.966	26.34
130	16.17	35.968	26.45
140	15.54	35.900	26.55
150	14.97	35.875	26.65
160	14.14	35.770	26.75
170	12.85	35.616	26.90
180	12.32	35.542	26.95
190	11.61	35.446	27.01
192	11.54	35.436	27.02

RES-STACS21-85 CTD 84 RESEARCHER
Date 05 17 85 Latitude 27.017 N
Time 0127 Z Longitude 79.210 W



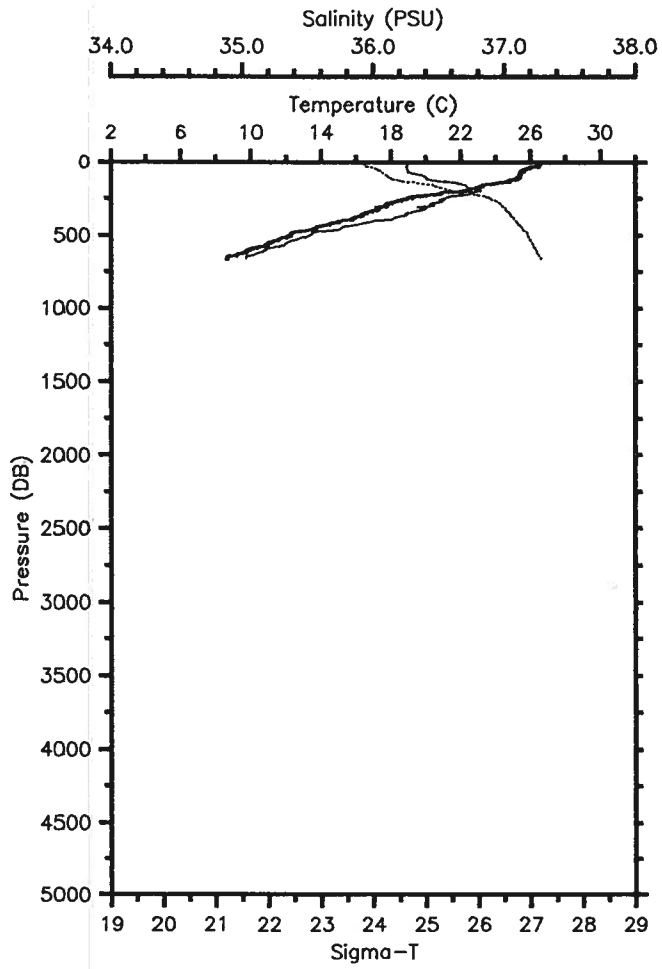
Prs	Tem	Sal	SigT
0	27.20	36.249	23.60
10	27.07	36.278	23.66
20	26.35	36.278	23.89
30	26.27	36.275	23.91
40	26.06	36.266	23.97
50	25.98	36.266	24.00
60	25.95	36.268	24.01
70	25.77	36.270	24.07
80	25.52	36.327	24.19
90	25.10	36.360	24.34
100	25.05	36.529	24.48
110	24.64	36.528	24.61
120	24.20	36.526	24.74
130	23.71	36.618	24.95
140	23.17	36.729	25.20
150	22.88	36.731	25.28
160	22.26	36.685	25.43
170	21.94	36.682	25.51
180	21.74	36.683	25.57
190	21.65	36.681	25.59
200	21.31	36.656	25.67
250	18.99	36.553	26.21
300	18.50	36.524	26.32
350	17.98	36.486	26.42
400	17.03	36.302	26.51
418	16.73	36.285	26.57

RES-STACS18-85 CTD 85 RESEARCHER
Date 05 17 85 Latitude 27.005 N
Time 0225 Z Longitude 79.292 W



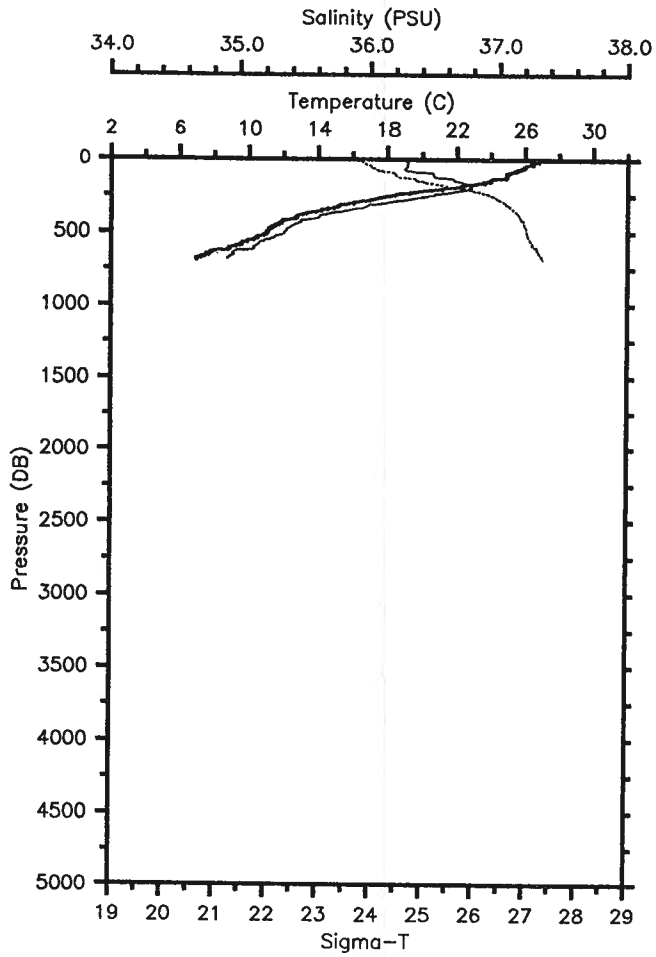
Prs	Tem	Sal	SigT
0	26.91	36.297	23.73
10	26.59	36.286	23.82
20	26.47	36.278	23.85
30	26.29	36.272	23.90
40	26.07	36.264	23.97
50	25.95	36.265	24.01
60	25.85	36.260	24.03
70	25.66	36.260	24.09
80	25.55	36.261	24.13
90	25.37	36.280	24.20
100	25.16	36.405	24.36
110	24.98	36.464	24.45
120	24.38	36.579	24.73
130	24.20	36.601	24.80
140	24.09	36.628	24.85
150	23.81	36.693	24.98
160	23.14	36.713	25.20
170	22.99	36.738	25.26
180	22.36	36.710	25.42
190	21.68	36.687	25.59
200	20.89	36.637	25.77
250	19.02	36.545	26.20
300	18.27	36.512	26.36
350	17.67	36.449	26.47
400	16.77	36.311	26.58
450	15.22	36.057	26.74
500	13.76	35.806	26.86
550	12.61	35.649	26.98
600	11.77	35.539	27.05

RES-STACS18-85 CTD 86 RESEARCHER
Date 05 17 85 Latitude 27.012 N
Time 0325 Z Longitude 79.377 W



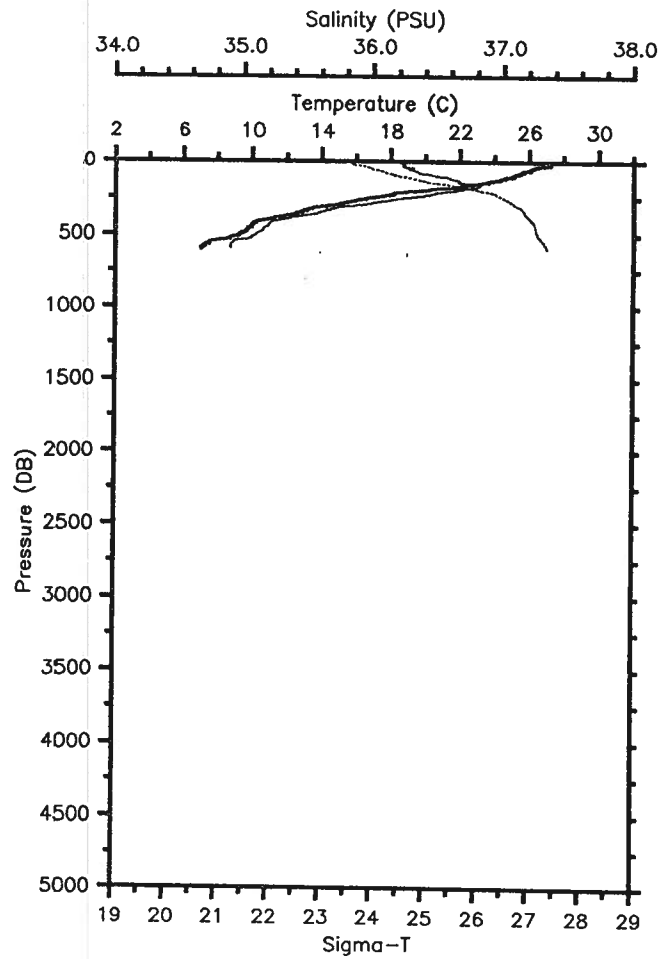
Prs	Tem	Sal	SigT
0	26.58	36.259	23.80
10	26.58	36.259	23.80
20	26.50	36.261	23.83
30	26.34	36.251	23.87
40	26.00	36.259	23.99
50	25.67	36.262	24.09
60	25.57	36.263	24.12
70	25.47	36.267	24.16
80	25.41	36.328	24.22
90	25.42	36.372	24.25
100	25.35	36.394	24.29
110	25.25	36.407	24.33
120	24.93	36.433	24.45
130	24.71	36.517	24.58
140	24.17	36.642	24.83
150	23.54	36.654	25.03
160	23.27	36.708	25.15
170	23.03	36.720	25.23
180	22.66	36.752	25.36
190	22.53	36.817	25.45
200	22.02	36.818	25.60
250	18.89	36.545	26.23
300	17.62	36.424	26.46
350	16.40	36.254	26.62
400	15.11	35.999	26.72
450	13.68	35.760	26.84
500	12.26	35.521	26.94
550	11.07	35.347	27.03
600	9.92	35.179	27.11
650	8.68	35.034	27.20
656	8.65	35.029	27.20

RES-STACS18-85 CTD 87 RESEARCHER
Date 05 17 85 Latitude 27.015 N
Time 0440 Z Longitude 79.508 W



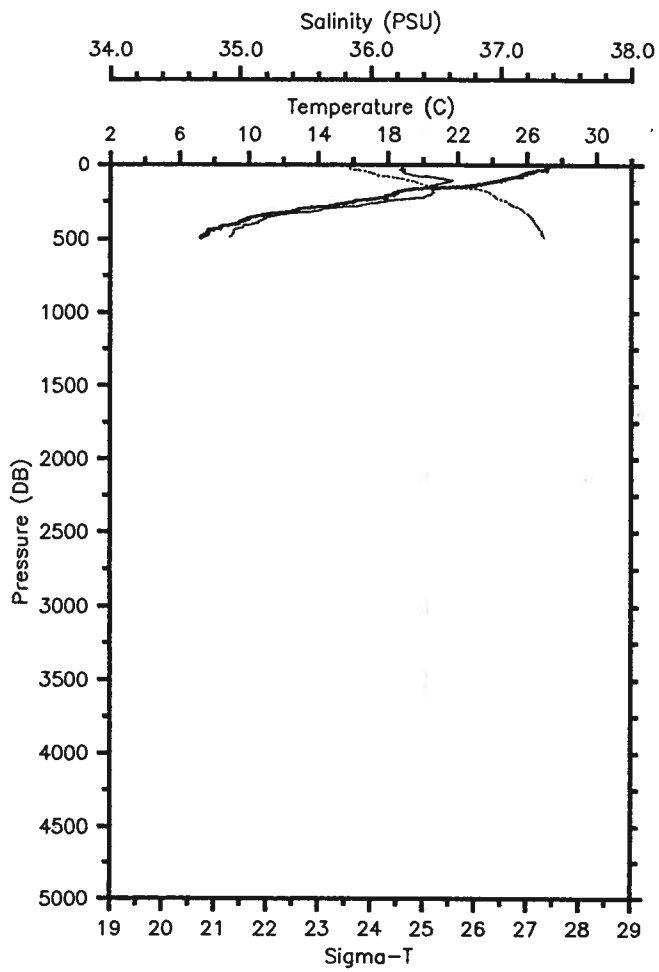
Prs	Tem	Sal	SigT
0	26.81	36.295	23.76
10	26.82	36.291	23.75
20	26.48	36.286	23.85
30	26.43	36.293	23.88
40	26.05	36.276	23.98
50	25.97	36.286	24.02
60	25.82	36.272	24.05
70	25.59	36.264	24.12
80	25.38	36.289	24.20
90	25.13	36.408	24.37
100	24.96	36.484	24.48
110	24.94	36.486	24.49
120	24.89	36.498	24.51
130	24.31	36.607	24.77
140	24.02	36.647	24.88
150	23.82	36.669	24.96
160	23.60	36.712	25.06
170	23.03	36.759	25.26
180	22.32	36.767	25.47
190	22.06	36.780	25.55
200	21.16	36.784	25.81
250	18.19	36.453	26.34
300	16.01	36.123	26.61
350	14.22	35.837	26.79
400	12.76	35.603	26.91
450	11.58	35.416	26.99
500	11.04	35.339	27.03
550	10.23	35.216	27.08
600	8.98	35.097	27.20
650	7.62	34.950	27.29
682	7.00	34.902	27.34

RES-STACS18-85 CTD 88 RESEARCHER
Date 05 17 85 Latitude 27.003 N
Time 0559 Z Longitude 79.620 W



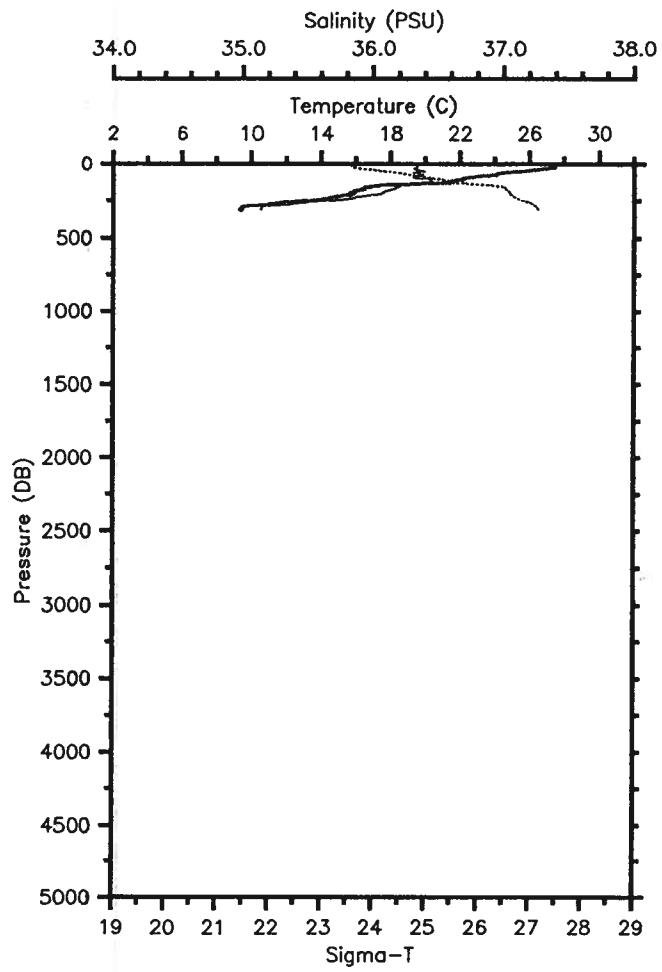
Prs	Tem	Sal	SigT
0	27.20	36.240	23.59
10	27.22	36.238	23.58
20	27.18	36.227	23.59
30	26.62	36.230	23.77
40	26.35	36.227	23.85
50	26.10	36.289	23.98
60	25.98	36.278	24.01
70	25.55	36.337	24.19
80	25.40	36.352	24.24
90	25.18	36.424	24.37
100	25.05	36.482	24.45
110	24.67	36.571	24.63
120	24.35	36.591	24.74
130	23.99	36.659	24.90
140	23.65	36.655	25.00
150	23.10	36.737	25.22
160	22.59	36.817	25.43
170	22.10	36.816	25.57
180	21.70	36.777	25.65
190	20.41	36.694	25.95
200	19.80	36.638	26.07
250	16.85	36.242	26.50
300	14.77	35.908	26.72
350	12.83	35.610	26.90
400	10.94	35.314	27.03
450	9.90	35.176	27.11
500	9.24	35.093	27.15
550	7.57	34.921	27.28
596	7.01	34.901	27.34

RES-STACS18-85 CTD 89 RESEARCHER
Date 05 17 85 Latitude 27.013 N
Time 0658 Z Longitude 79.693 W



Prs	Tem	Sal	SigT
0	27.17	36.243	23.60
10	27.18	36.242	23.60
20	27.15	36.240	23.61
30	27.14	36.246	23.61
40	26.49	36.230	23.81
50	26.14	36.245	23.93
60	25.92	36.259	24.01
70	25.71	36.310	24.11
80	25.44	36.385	24.25
90	24.99	36.511	24.49
100	24.61	36.586	24.66
110	24.31	36.622	24.78
120	23.84	36.575	24.88
130	23.43	36.523	24.97
140	22.99	36.494	25.07
150	21.86	36.470	25.38
160	20.19	36.450	25.82
170	19.08	36.473	26.13
180	18.56	36.476	26.26
190	18.47	36.476	26.29
200	18.30	36.465	26.32
250	16.03	36.119	26.60
300	12.90	35.637	26.91
350	10.44	35.245	27.07
400	9.23	35.112	27.17
450	7.68	34.950	27.28
488	7.23	34.922	27.33

RES-STACS18-85 CTD 90 RESEARCHER
Date 05 17 85 Latitude 27.007 N
Time 0835 Z Longitude 79.770 W

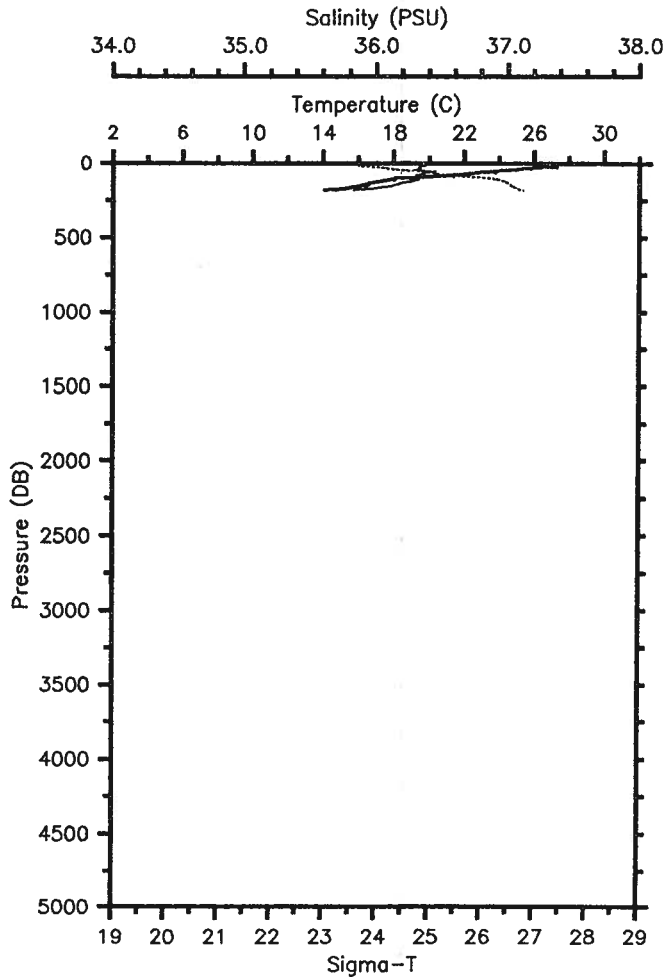


Prs	Tem	Sal	SigT
0	27.43	36.337	23.59
10	27.44	36.336	23.58
20	27.44	36.335	23.58
30	27.03	36.316	23.70
40	26.44	36.329	23.90
50	25.71	36.380	24.17
60	24.77	36.330	24.42
70	24.15	36.364	24.63
80	23.70	36.380	24.78
90	22.72	36.325	25.02
100	22.19	36.374	25.21
110	21.87	36.442	25.35
120	21.44	36.451	25.48
130	21.04	36.405	25.55
140	18.90	36.139	25.92
150	17.15	36.155	26.37
160	16.55	36.186	26.53
170	16.43	36.166	26.55
180	16.09	36.116	26.59
190	15.89	36.087	26.61
200	15.77	36.067	26.62
250	13.05	35.651	26.89
300	9.45	35.141	27.15
312	9.37	35.140	27.17

RES-STACS18-85 CTD 91 RESEARCHER

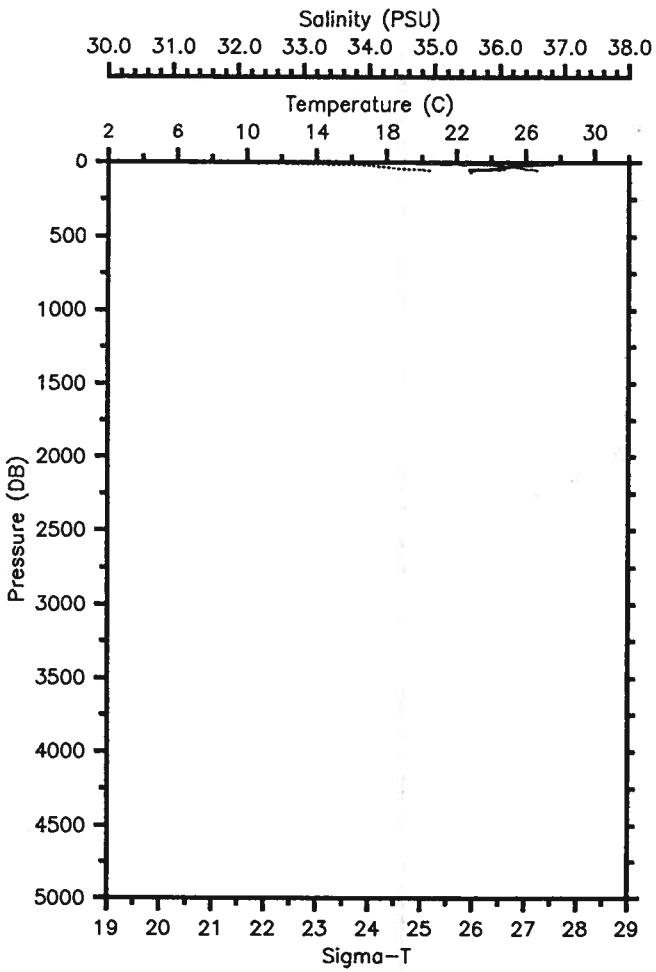
Date 05 17 85 Latitude 27.015 N

Time 0954 Z Longitude 79.877 W



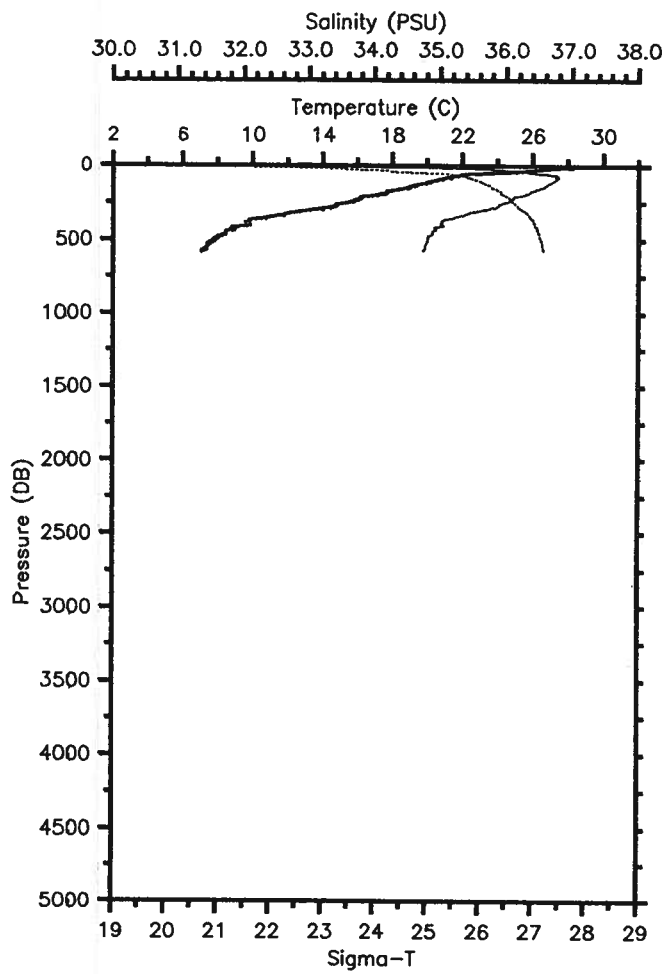
Prs	Tem	Sal	SigT
0	27.29	36.372	23.66
10	27.28	36.371	23.66
20	27.27	36.373	23.67
30	25.89	36.331	24.08
40	25.05	36.328	24.33
50	23.79	36.363	24.74
60	23.12	36.404	24.97
70	22.24	36.358	25.18
80	21.37	36.369	25.44
90	19.95	36.267	25.74
100	18.02	36.236	26.21
110	17.78	36.321	26.34
120	17.28	36.282	26.43
130	16.69	36.193	26.51
140	16.48	36.169	26.54
150	16.12	36.120	26.58
160	15.67	36.046	26.63
170	15.18	35.970	26.68
178	14.15	35.825	26.79

RES-STACS21-85 CTD 1 RESEARCHER
Date 08 14 85 Latitude 11.503 N
Time 1059 Z Longitude 63.552 W



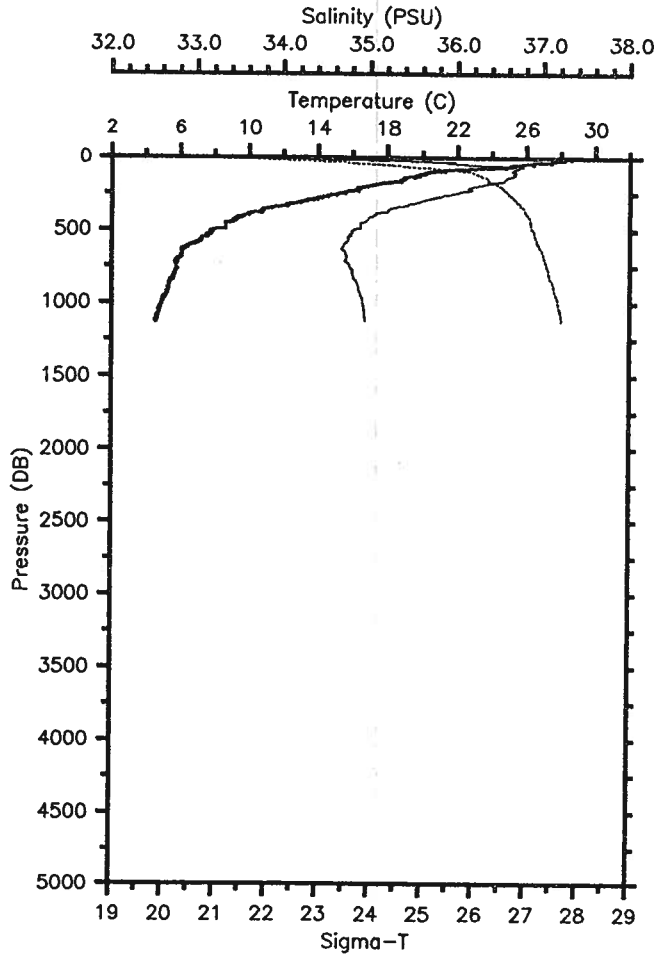
Prs	Tem	Sal	SigT
0	27.53	30.832	19.42
10	27.41	33.866	21.73
20	25.60	35.866	23.81
30	25.03	36.133	24.19
40	24.64	36.334	24.46
50	23.35	36.517	24.98
58	22.84	36.575	25.18

RES-STACS21-85 CTD 2 RESEARCHER
Date 08 14 85 Latitude 11.670 N
Time 1211 Z Longitude 63.550 W



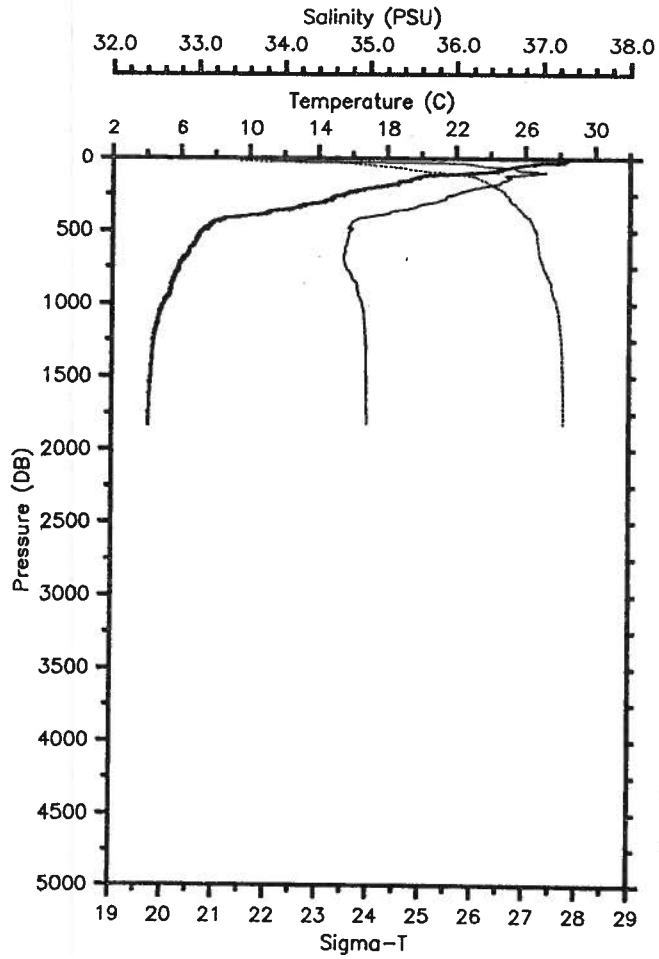
Prs	Tem	Sal	SigT
0	28.23	31.802	19.92
10	28.25	32.258	20.25
20	27.24	35.440	22.97
30	26.11	35.976	23.74
40	25.15	36.334	24.31
50	23.44	36.435	24.89
60	21.93	36.653	25.49
70	21.50	36.745	25.69
80	21.20	36.760	25.78
90	20.85	36.755	25.87
100	20.38	36.721	25.98
110	20.09	36.701	26.04
120	19.75	36.648	26.09
130	19.36	36.611	26.16
140	19.09	36.580	26.21
150	18.76	36.517	26.24
160	18.37	36.459	26.30
170	17.86	36.394	26.38
180	17.68	36.364	26.40
190	17.41	36.288	26.41
200	16.96	36.242	26.48
250	15.38	35.959	26.63
300	13.37	35.625	26.80
350	10.87	35.208	26.96
400	9.79	35.044	27.02
450	8.47	34.878	27.11
500	7.81	34.805	27.15
550	7.38	34.768	27.18
574	7.11	34.742	27.20

RES-STACS21-85 CTD 3 RESEARCHER
Date 08 14 85 Latitude 11.835 N
Time 1459 Z Longitude 63.552 W



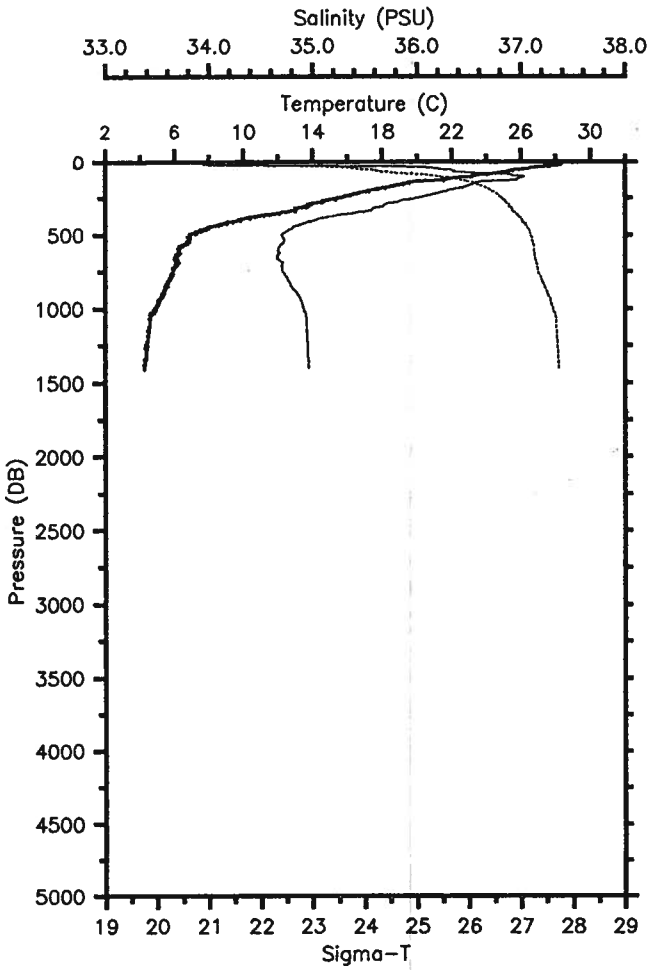
Prs	Tem	Sal	SigT
0	28.56	32.026	19.98
10	28.26	33.846	21.44
20	27.99	34.839	22.28
30	27.42	35.863	23.23
40	26.41	35.897	23.58
50	25.25	36.237	24.20
60	25.08	36.652	24.57
70	24.04	36.699	24.92
80	22.47	36.665	25.35
90	21.27	36.671	25.69
100	20.36	36.665	25.94
110	20.10	36.666	26.01
120	19.83	36.672	26.08
130	19.55	36.643	26.14
140	18.99	36.573	26.23
150	18.84	36.553	26.25
160	18.77	36.541	26.26
170	18.25	36.461	26.33
180	17.57	36.342	26.41
190	17.25	36.291	26.45
200	16.80	36.214	26.49
250	15.22	35.948	26.66
300	13.28	35.602	26.80
350	11.19	35.272	26.95
400	9.71	35.042	27.03
450	8.64	34.906	27.10
500	7.97	34.810	27.13
550	7.26	34.737	27.18
600	6.59	34.694	27.23
650	6.11	34.708	27.31
700	5.87	34.719	27.35
750	5.77	34.759	27.39
800	5.67	34.793	27.43
850	5.41	34.835	27.50
900	5.31	34.863	27.53
950	5.15	34.893	27.57
1000	4.94	34.914	27.61
1120	4.61	34.946	27.68

RES-STACS21-85 CTD 4 RESEARCHER
Date 08 14 85 Latitude 12.035 N
Time 1735 Z Longitude 63.528 W



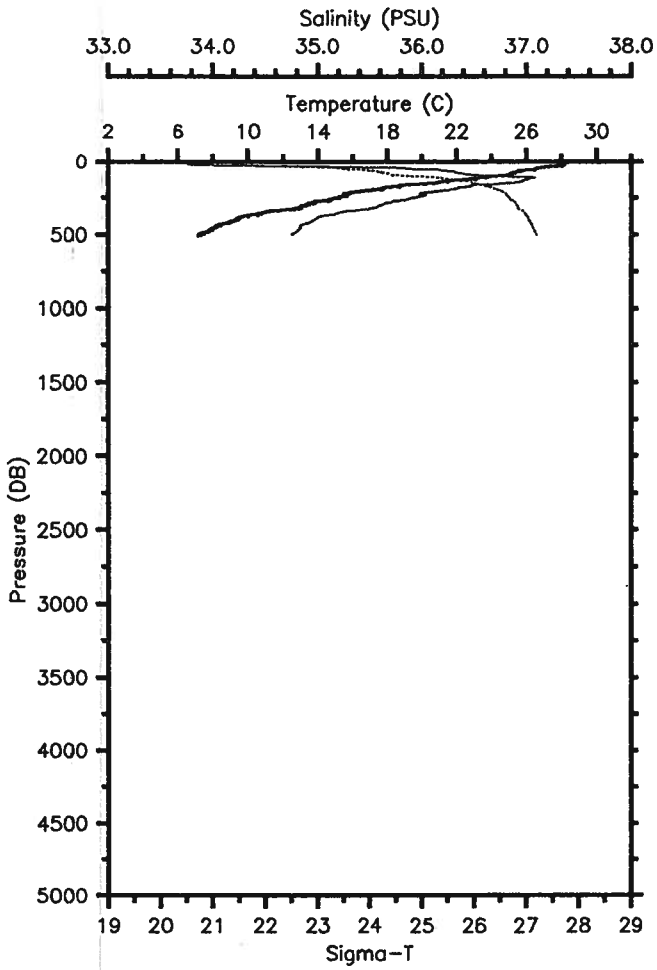
Prs	Tem	Sal	SigT
0	28.41	33.844	21.40
10	28.38	33.843	21.40
20	28.21	33.841	21.46
30	27.95	35.434	22.74
40	26.51	36.147	23.74
50	25.71	36.254	24.07
60	25.33	36.379	24.28
70	24.90	36.694	24.66
80	24.61	36.697	24.74
90	24.18	36.822	24.97
100	23.17	37.030	25.43
110	22.23	36.899	25.60
120	20.37	36.619	25.90
130	19.89	36.608	26.02
140	19.58	36.628	26.12
150	19.34	36.591	26.15
160	18.92	36.544	26.22
170	18.67	36.514	26.27
180	18.31	36.469	26.32
190	17.93	36.410	26.37
200	17.31	36.294	26.43
250	15.47	35.987	26.63
300	14.36	35.792	26.72
350	12.34	35.449	26.87
400	9.81	35.036	27.01
450	7.80	34.778	27.13
500	7.27	34.766	27.20
550	6.94	34.741	27.22
600	6.69	34.726	27.25
650	6.41	34.706	27.27
700	6.07	34.701	27.31
750	5.88	34.724	27.35
800	5.68	34.781	27.42
850	5.52	34.834	27.48
900	5.42	34.855	27.51
950	5.23	34.878	27.55
1000	4.96	34.913	27.61
1500	4.27	34.966	27.73
1826	4.14	34.975	27.75

RES-STACS21-85 CTD 6 RESEARCHER
Date 08 14 85 Latitude 12.170 N
Time 2201 Z Longitude 63.532 W



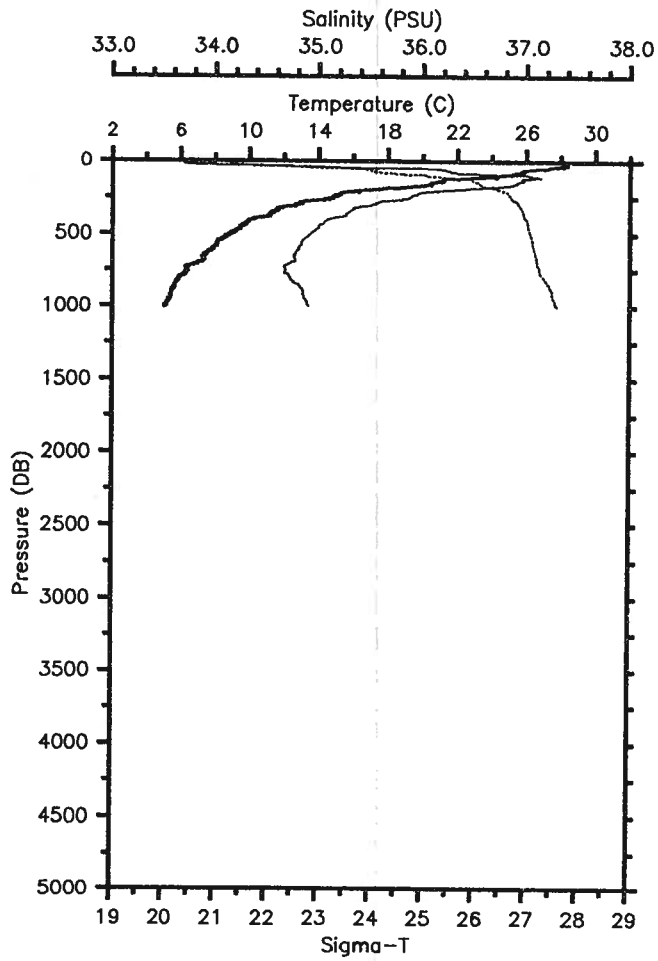
Prs	Tem	Sal	SigT
0	28.37	33.924	21.47
10	28.34	33.938	21.49
20	28.14	33.960	21.57
30	27.56	35.328	22.79
40	26.77	36.125	23.64
50	26.10	36.228	23.93
60	25.51	36.344	24.20
70	25.09	36.373	24.35
80	24.52	36.626	24.72
90	23.86	36.914	25.13
100	23.13	37.011	25.42
110	22.33	37.000	25.65
120	21.76	36.959	25.78
130	20.98	36.856	25.92
140	19.76	36.599	26.05
150	19.33	36.543	26.12
160	18.96	36.531	26.20
170	18.51	36.481	26.28
180	18.05	36.418	26.35
190	17.68	36.360	26.39
200	17.27	36.293	26.44
250	15.50	36.002	26.63
300	13.72	35.686	26.78
350	12.19	35.422	26.88
400	9.70	35.027	27.02
450	7.99	34.812	27.13
500	6.93	34.701	27.19
550	6.79	34.719	27.23
600	6.26	34.670	27.26
650	6.08	34.661	27.28
700	6.14	34.712	27.31
750	5.93	34.714	27.34
800	5.73	34.762	27.40
850	5.56	34.798	27.45
900	5.36	34.853	27.52
950	5.11	34.894	27.58
1000	4.93	34.915	27.62
1402	4.26	34.965	27.73

RES-STACS21-85 CTD 7 RESEARCHER
Date 08 15 85 Latitude 12.333 N
Time 0047 Z Longitude 63.548 W



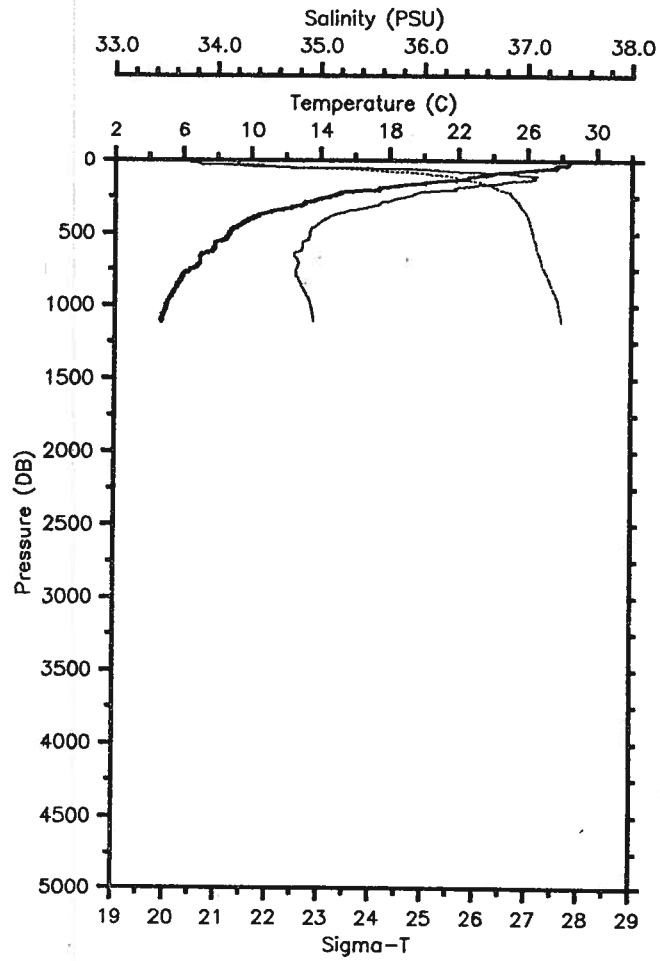
Prs	Tem	Sal	SigT
0	28.17	33.754	21.40
10	28.18	33.754	21.40
20	28.15	33.784	21.43
30	27.77	34.526	22.12
40	26.98	35.557	23.15
50	26.53	35.902	23.55
60	25.94	36.196	23.96
70	25.46	36.325	24.20
80	25.18	36.374	24.33
90	25.06	36.466	24.43
100	24.24	36.777	24.92
110	23.76	37.081	25.29
120	22.79	37.033	25.54
130	21.76	36.968	25.78
140	21.11	36.942	25.94
150	20.52	36.832	26.02
160	19.16	36.542	26.16
170	18.67	36.475	26.24
180	17.81	36.346	26.35
190	17.58	36.321	26.39
200	16.70	36.197	26.51
250	15.02	35.912	26.67
300	13.22	35.606	26.82
350	10.87	35.204	26.96
400	9.24	34.961	27.05
450	8.16	34.837	27.12
500	7.24	34.754	27.19

RES-STACS21-85 CTD 8 RESEARCHER
Date 08 15 85 Latitude 12.507 N
Time 0331 Z Longitude 63.503 W



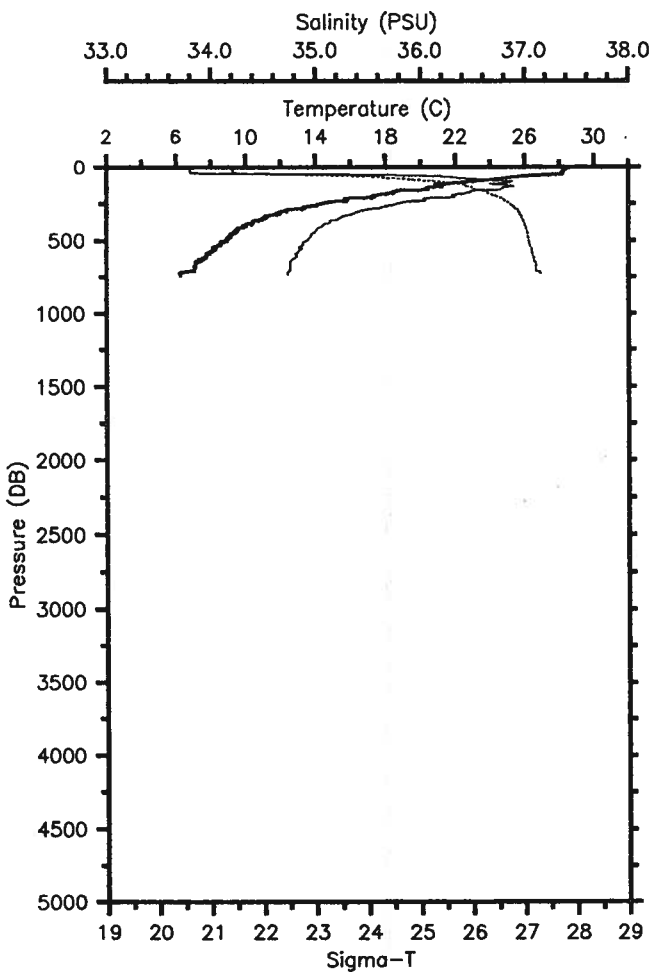
Prs	Tem	Sal	SigT
0	28.38	33.093	20.84
10	28.38	33.703	21.30
20	28.37	33.701	21.30
30	28.14	34.025	21.62
40	27.50	34.828	22.43
50	26.65	36.012	23.59
60	25.93	36.215	23.98
70	25.75	36.268	24.07
80	25.45	36.308	24.19
90	25.06	36.713	24.62
100	24.30	37.037	25.10
110	23.43	37.138	25.43
120	21.32	36.961	25.90
130	21.17	36.968	25.95
140	20.87	36.929	26.00
150	20.50	36.907	26.08
160	20.34	36.888	26.11
170	19.84	36.794	26.18
180	18.78	36.600	26.30
190	17.74	36.429	26.43
200	16.44	36.180	26.55
250	14.81	35.879	26.69
300	12.70	35.513	26.85
350	11.36	35.290	26.94
400	10.13	35.098	27.01
450	9.46	34.997	27.04
500	8.87	34.926	27.08
550	8.16	34.839	27.12
600	7.83	34.804	27.15
650	7.38	34.766	27.18
700	6.99	34.733	27.21
750	6.35	34.679	27.25
800	5.93	34.721	27.34
850	5.68	34.807	27.44
900	5.47	34.847	27.50
950	5.33	34.868	27.53
1000	5.06	34.904	27.59
1002	5.06	34.903	27.59

RES-STACS21-85 CTD 9 RESEARCHER
Date 08 15 85 Latitude 12.657 N
Time 1331 Z Longitude 63.573 W



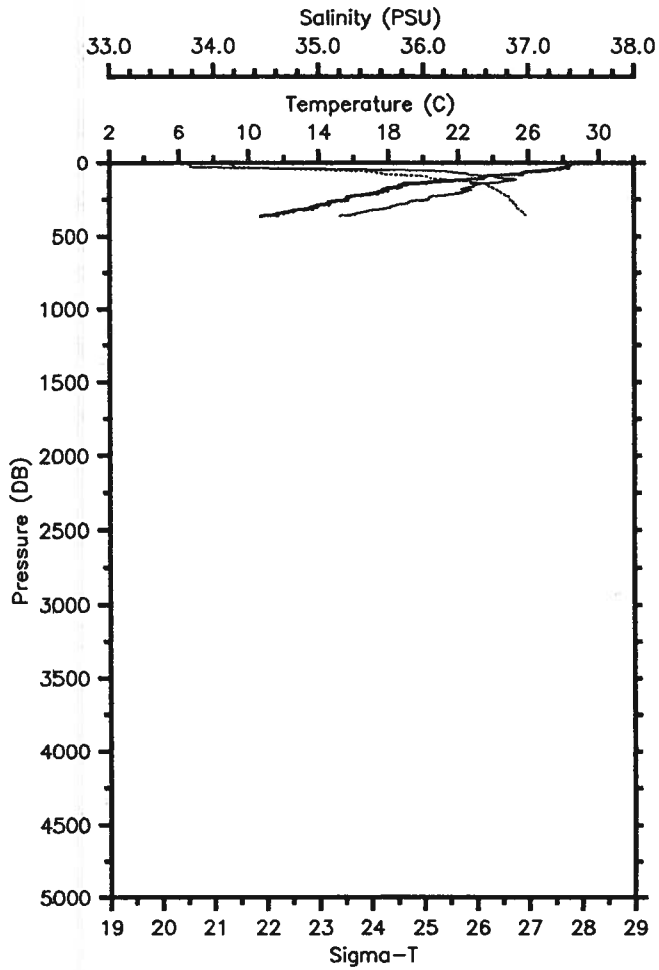
Prs	Tem	Sal	SigT
0	28.41	33.726	21.31
10	28.38	33.725	21.32
20	28.35	33.788	21.37
30	28.24	33.846	21.45
40	27.73	34.235	21.91
50	27.51	34.713	22.34
60	26.60	35.898	23.52
70	25.76	36.181	24.00
80	24.78	36.489	24.54
90	24.14	36.802	24.97
100	23.72	36.913	25.18
110	23.00	37.076	25.51
120	22.54	37.057	25.63
130	22.21	37.054	25.72
140	21.20	36.921	25.90
150	20.07	36.759	26.09
160	19.74	36.717	26.14
170	18.68	36.511	26.26
180	18.08	36.407	26.33
190	17.46	36.294	26.40
200	17.38	36.302	26.42
250	14.51	35.828	26.72
300	13.01	35.570	26.83
350	11.23	35.267	26.94
400	9.90	35.054	27.01
450	9.22	34.961	27.05
500	8.65	34.893	27.09
550	8.31	34.877	27.13
600	7.81	34.823	27.16
650	7.04	34.749	27.22
700	6.97	34.789	27.26
750	6.44	34.767	27.31
800	5.96	34.777	27.38
850	5.70	34.812	27.44
900	5.49	34.846	27.50
950	5.19	34.889	27.57
1000	5.03	34.909	27.60
1108	4.73	34.936	27.66

RES-STACS21-85 CTD 10 RESEARCHER
Date 08 15 85 Latitude 12.832 N
Time 1550 Z Longitude 63.552 W



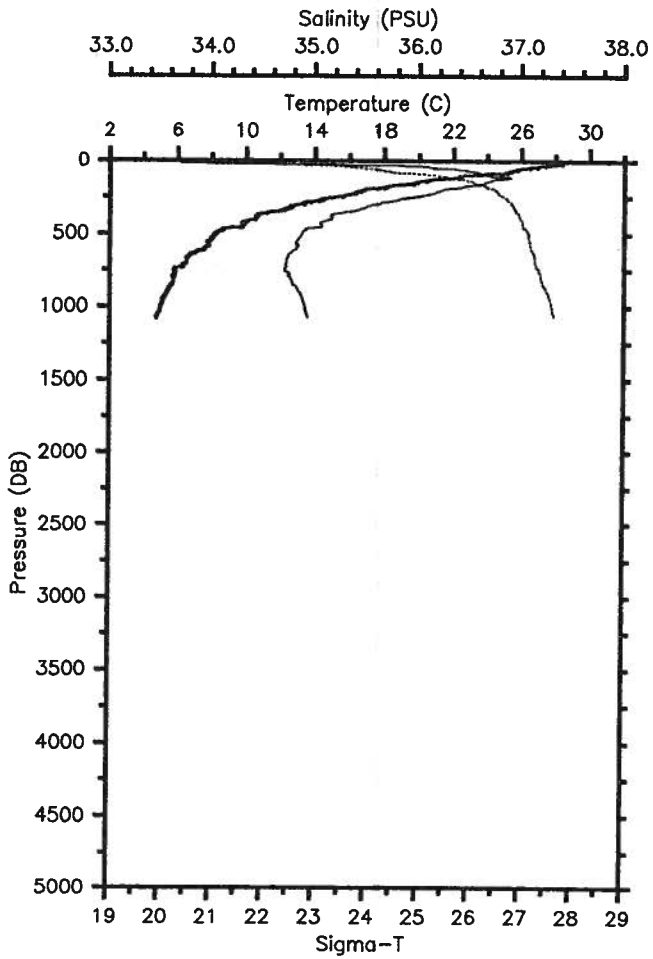
Prs	Tem	Sal	SigT
0	28.41	33.812	21.37
10	28.31	33.808	21.40
20	28.24	33.809	21.42
30	28.21	33.810	21.43
40	28.19	33.816	21.45
50	27.64	35.296	22.74
60	26.48	36.019	23.65
70	25.21	36.335	24.29
80	24.64	36.461	24.56
90	23.77	36.672	24.98
100	22.58	36.876	25.48
110	21.81	36.779	25.63
120	21.07	36.827	25.87
130	21.21	36.899	25.88
140	20.48	36.795	26.00
150	20.34	36.778	26.03
160	18.88	36.527	26.22
170	18.50	36.484	26.28
180	18.15	36.419	26.32
190	17.61	36.332	26.39
200	17.24	36.326	26.48
250	14.33	35.785	26.72
300	12.14	35.424	26.89
350	10.98	35.225	26.95
400	9.93	35.064	27.01
450	9.26	34.976	27.06
500	8.87	34.923	27.08
550	8.30	34.870	27.13
600	7.76	34.819	27.17
650	7.15	34.761	27.21
700	7.09	34.763	27.22
732	6.25	34.737	27.31

RES-STACS21-85 CTD 11 RESEARCHER
Date 08 15 85 Latitude 13.008 N
Time 1735 Z Longitude 63.560 W



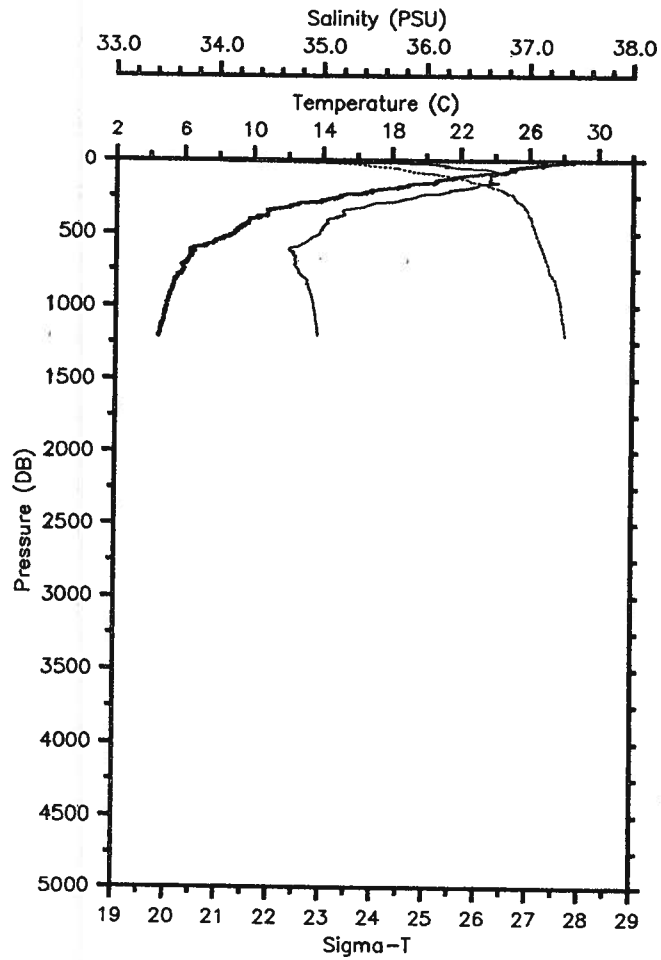
Prs	Tem	Sal	SigT
0	28.42	33.770	21.33
10	28.36	33.777	21.36
20	28.28	33.774	21.38
30	28.28	33.815	21.41
40	27.85	34.584	22.13
50	27.22	35.715	23.19
60	26.45	36.209	23.81
70	25.74	36.349	24.14
80	25.45	36.406	24.27
90	23.97	36.585	24.85
100	23.46	36.694	25.09
110	23.15	36.795	25.25
120	22.04	36.852	25.62
130	20.51	36.742	25.95
140	19.63	36.592	26.08
150	18.74	36.481	26.22
160	18.67	36.484	26.24
170	18.16	36.419	26.32
180	17.79	36.363	26.37
190	17.80	36.420	26.41
200	17.40	36.374	26.47
250	15.63	36.049	26.64
300	13.68	35.685	26.78
350	11.66	35.349	26.93
360	10.80	35.201	26.97

RES-STACS21-85 CTD 12 RESEARCHER
Date 08 15 85 Latitude 13.197 N
Time 1918 Z Longitude 63.523 W



Prs	Tem	Sal	SigT
0	28.41	33.690	21.28
10	28.42	33.690	21.28
20	28.33	33.728	21.33
30	27.46	35.380	22.86
40	26.94	36.036	23.52
50	26.05	36.124	23.87
60	25.73	36.389	24.17
70	25.37	36.476	24.35
80	25.12	36.582	24.50
90	23.82	36.608	24.92
100	22.57	36.672	25.33
110	22.42	36.874	25.52
120	21.65	36.844	25.72
130	20.54	36.705	25.92
140	19.95	36.674	26.05
150	19.71	36.638	26.09
160	19.29	36.592	26.17
170	18.42	36.468	26.29
180	18.05	36.414	26.35
190	17.33	36.308	26.44
200	16.80	36.227	26.50
250	15.18	35.948	26.66
300	13.05	35.572	26.83
350	11.50	35.309	26.93
400	10.54	35.159	26.98
450	9.78	35.063	27.04
500	8.22	34.872	27.14
550	7.82	34.826	27.16
600	7.60	34.821	27.19
650	6.66	34.739	27.26
700	6.50	34.727	27.27
750	5.84	34.708	27.34
800	5.78	34.762	27.39
850	5.65	34.796	27.44
900	5.38	34.850	27.51
950	5.16	34.882	27.56
1000	5.01	34.906	27.60
1074	4.77	34.931	27.65

RES-STACS21-85 CTD 13 RESEARCHER
Date 08 15 85 Latitude 13.357 N
Time 2112 Z Longitude 63.508 W

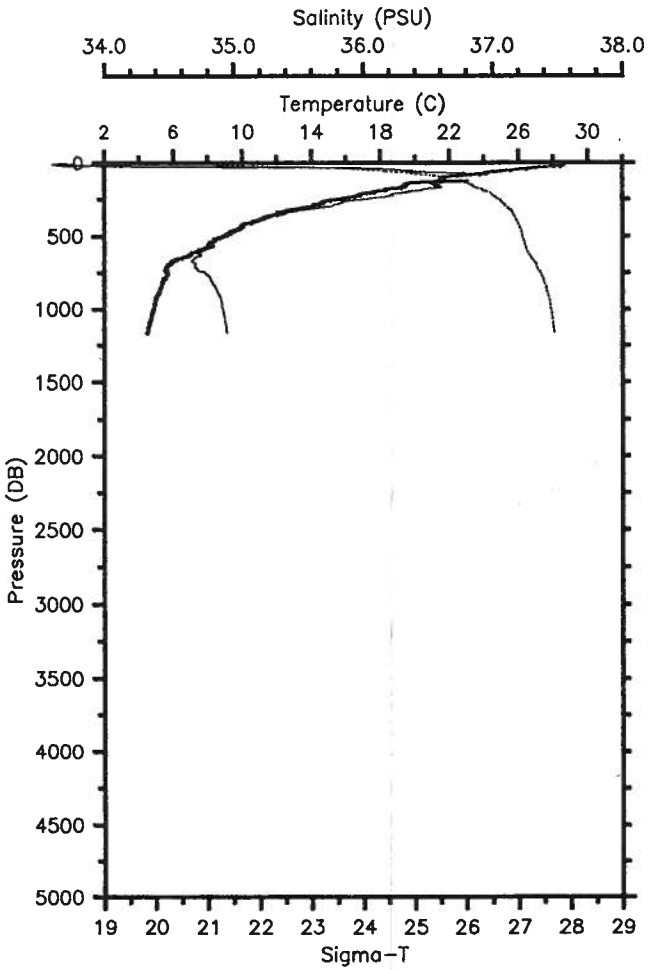


Prs	Tem	Sal	SigT
0	28.50	33.613	21.19
10	28.43	33.670	21.26
20	27.25	35.760	23.21
30	26.73	36.131	23.66
40	26.11	36.218	23.92
50	25.20	36.314	24.27
60	25.10	36.575	24.50
70	24.83	36.651	24.64
80	24.54	36.675	24.75
90	23.43	36.663	25.07
100	22.67	36.657	25.29
110	21.93	36.614	25.47
120	21.56	36.616	25.57
130	20.87	36.619	25.76
140	20.81	36.603	25.82
150	20.43	36.644	25.90
160	19.99	36.663	26.04
170	18.95	36.503	26.18
180	18.73	36.480	26.22
190	18.27	36.423	26.30
200	17.41	36.308	26.42
250	14.95	35.907	26.68
300	12.49	35.477	26.87
350	10.81	35.192	26.96
400	10.06	35.089	27.01
450	9.33	35.010	27.07
500	8.88	34.972	27.12
550	7.88	34.855	27.18
600	6.68	34.707	27.23
650	6.32	34.712	27.28
700	6.11	34.737	27.33
750	5.91	34.763	27.38
800	5.56	34.820	27.47
850	5.37	34.855	27.52
900	5.20	34.881	27.56
950	5.06	34.900	27.59
1000	4.96	34.912	27.61
1202	4.47	34.954	27.70

RES-STACS21-85 CTD 14 RESEARCHER

Date 08 15 85 Latitude 13.513 N

Time 2336 Z Longitude 63.517 W

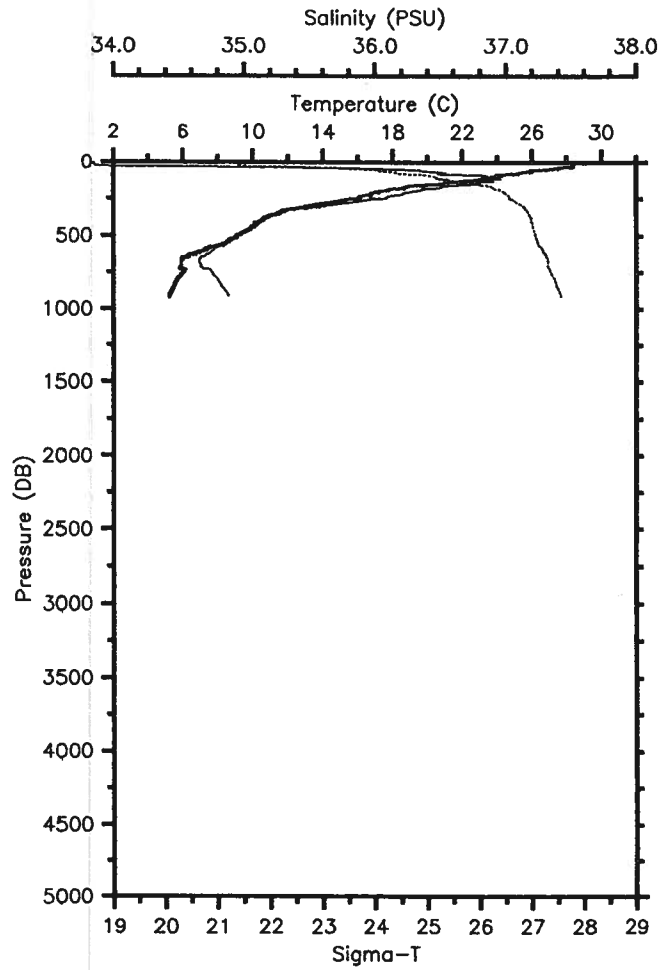


Prs	Tem	Sal	SigT
0	28.53	33.656	21.21
10	28.36	33.776	21.36
20	28.42	33.885	21.42
30	27.63	35.054	22.56
40	26.68	36.019	23.59
50	25.76	36.267	24.07
60	24.86	36.382	24.43
70	24.13	36.691	24.89
80	23.82	36.836	25.09
90	22.87	36.720	25.28
100	21.59	36.627	25.57
110	21.52	36.633	25.60
120	21.52	36.623	25.59
130	20.97	36.734	25.82
140	19.70	36.538	26.02
150	19.46	36.571	26.10
160	19.35	36.562	26.13
170	19.20	36.595	26.19
180	18.34	36.463	26.31
190	18.23	36.451	26.33
200	17.65	36.346	26.39
250	15.66	36.022	26.61
300	13.91	35.737	26.78
350	12.03	35.400	26.89
400	10.62	35.179	26.98
450	9.80	35.068	27.04
500	8.94	34.934	27.08
550	8.13	34.837	27.13
600	7.53	34.769	27.16
650	6.48	34.705	27.26
700	5.70	34.704	27.36
750	5.66	34.785	27.43
800	5.47	34.827	27.48
850	5.31	34.865	27.53
900	5.13	34.890	27.57
950	4.99	34.909	27.60
1000	4.89	34.921	27.63
1160	4.53	34.951	27.69

RES-STACS21-85 CTD 15 RESEARCHER

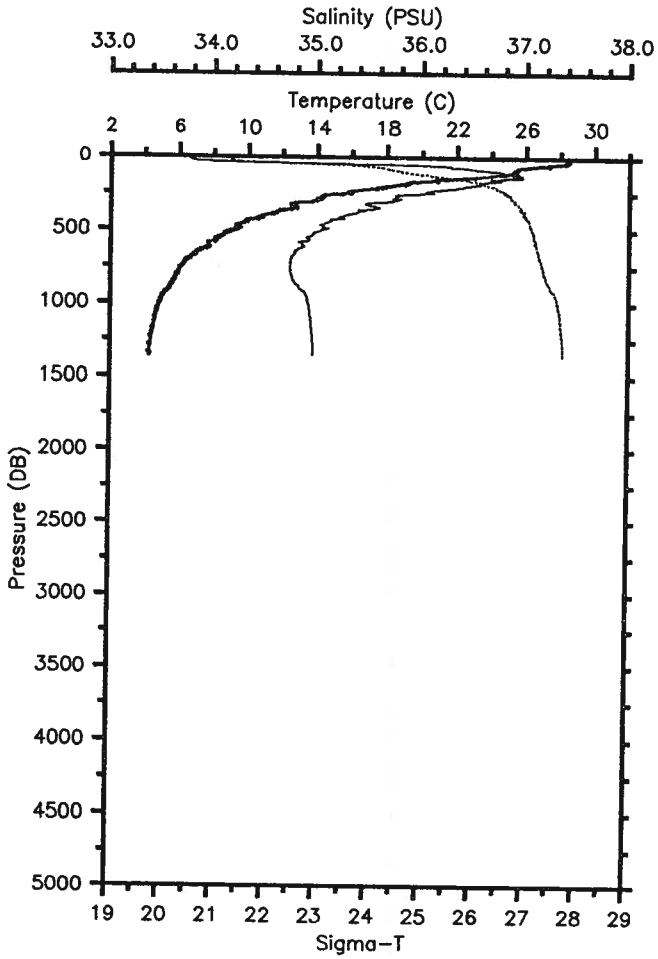
Date 08 16 85 Latitude 13.670 N

Time 0717 Z Longitude 63.535 W



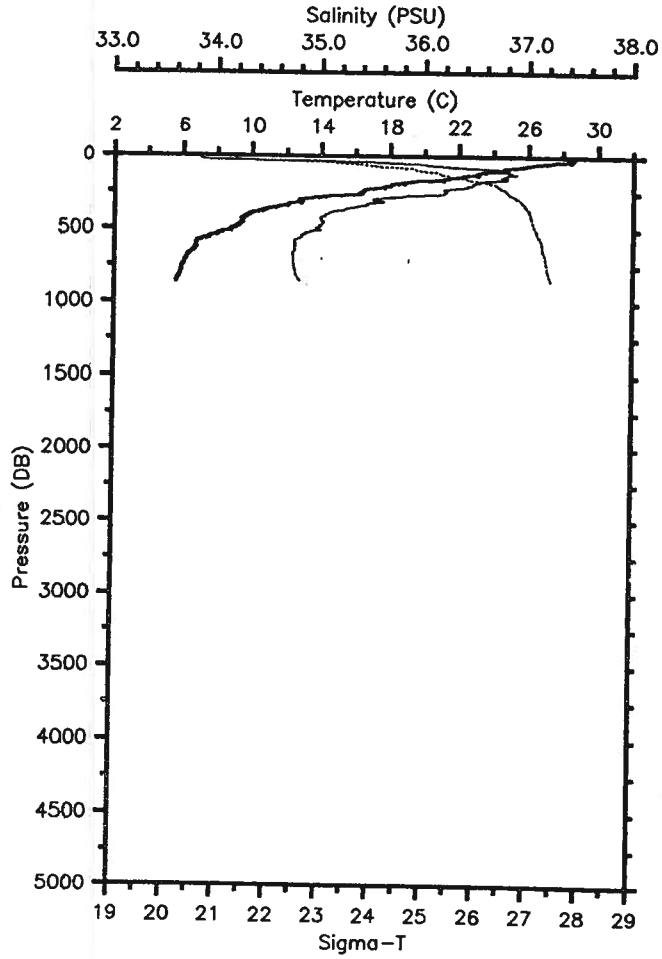
Prs	Tem	Sal	SigT
0	28.40	33.844	21.40
10	28.40	33.846	21.40
20	28.40	33.849	21.40
30	28.25	34.010	21.57
40	27.56	35.603	22.99
50	26.76	36.211	23.71
60	25.95	36.351	24.07
70	25.42	36.536	24.38
80	24.93	36.473	24.48
90	24.07	36.821	25.00
100	23.69	36.822	25.12
110	23.60	36.885	25.19
120	22.97	36.817	25.32
130	22.10	36.611	25.41
140	21.12	36.776	25.81
150	20.36	36.712	25.97
160	19.40	36.586	26.13
170	18.78	36.511	26.23
180	18.22	36.386	26.28
190	17.77	36.362	26.37
200	17.21	36.286	26.45
250	15.72	35.965	26.56
300	13.07	35.615	26.86
350	11.43	35.291	26.92
400	10.51	35.148	26.98
450	9.90	35.064	27.02
500	9.12	34.957	27.07
550	8.45	34.880	27.11
600	7.27	34.768	27.20
650	6.05	34.667	27.28
700	5.92	34.670	27.30
750	6.02	34.758	27.36
800	5.68	34.801	27.44
850	5.49	34.834	27.49
900	5.27	34.876	27.55
914	5.22	34.883	27.56

RES-STACS21-85 CTD 18 RESEARCHER
Date 08 16 85 Latitude 14.000 N
Time 1759 Z Longitude 63.543 W



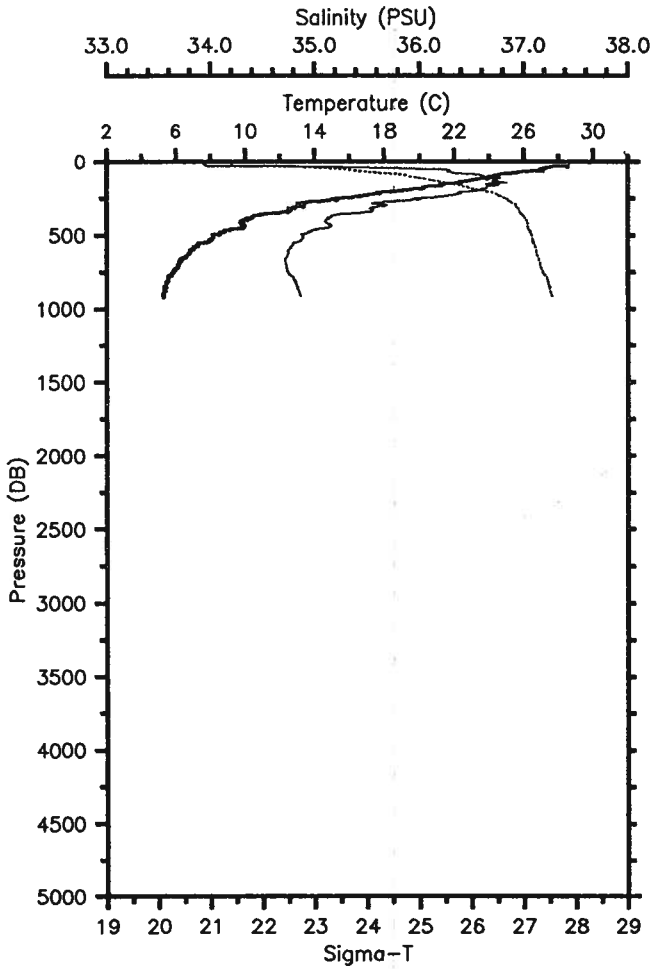
Prs	Tem	Sal	SigT
0	28.51	33.748	21.29
10	28.50	33.769	21.31
20	28.47	33.776	21.32
30	28.37	33.855	21.42
40	28.03	34.349	21.90
50	27.27	35.673	23.14
60	26.43	36.187	23.79
70	25.57	36.302	24.15
80	25.47	36.503	24.34
90	25.39	36.627	24.45
100	25.27	36.774	24.60
110	24.93	36.904	24.80
120	24.04	36.928	25.09
130	23.33	36.946	25.32
140	22.13	36.792	25.55
150	20.85	36.655	25.80
160	20.81	36.741	25.87
170	19.36	36.592	26.15
180	19.11	36.561	26.19
190	18.62	36.482	26.25
200	17.91	36.401	26.37
250	15.47	36.011	26.65
300	13.82	35.731	26.79
350	12.70	35.558	26.89
400	10.97	35.253	26.98
450	9.74	35.101	27.08
500	9.20	35.042	27.12
550	8.28	34.901	27.15
600	7.68	34.848	27.20
650	7.02	34.783	27.24
700	6.47	34.741	27.29
750	6.10	34.735	27.33
800	5.89	34.747	27.37
850	5.66	34.777	27.42
900	5.44	34.834	27.49
950	5.04	34.897	27.59
1000	4.88	34.914	27.62
1350	4.29	34.964	27.73

RES-STACS21-85 CTD 19 RESEARCHER
Date 08 16 85 Latitude 14.193 N
Time 2024 Z Longitude 63.587 W



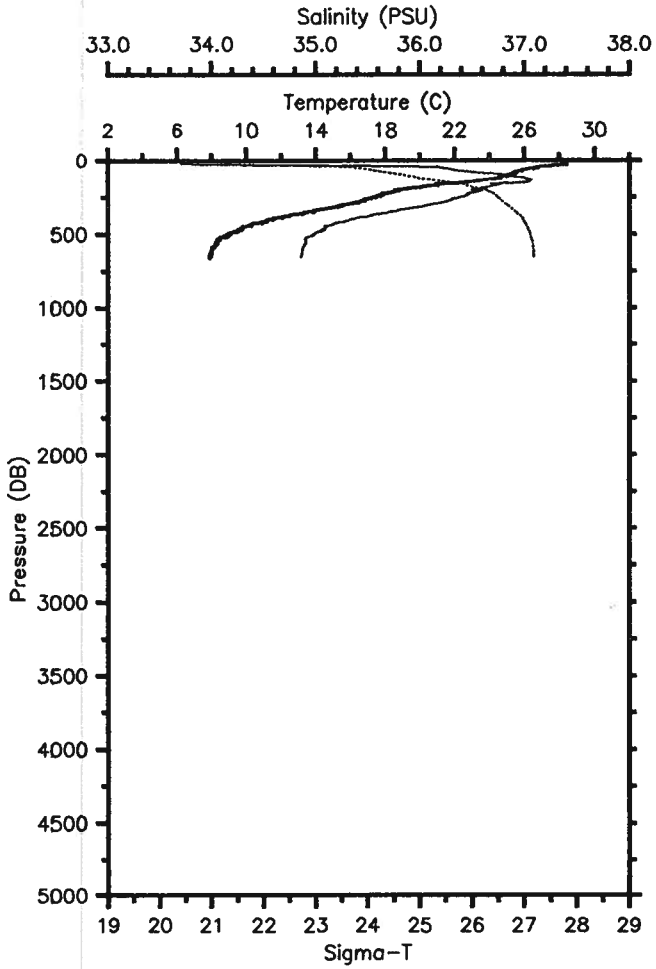
Prs	Tem	Sal	SigT
0	28.58	33.836	21.33
10	28.59	33.838	21.33
20	28.53	33.829	21.34
30	28.44	33.941	21.46
40	27.44	35.358	22.85
50	26.55	35.771	23.45
60	26.04	36.007	23.78
70	25.52	36.202	24.09
80	24.77	36.465	24.52
90	24.54	36.755	24.81
100	24.15	36.787	24.95
110	23.20	36.824	25.26
120	23.06	36.848	25.32
130	22.48	36.800	25.45
140	22.06	36.762	25.54
150	21.44	36.782	25.73
160	21.09	36.788	25.83
170	19.45	36.561	26.10
180	18.87	36.525	26.22
190	18.38	36.472	26.31
200	18.03	36.459	26.38
250	16.33	36.206	26.60
300	12.76	35.501	26.83
350	11.44	35.334	26.96
400	9.85	35.061	27.02
450	9.40	35.025	27.07
500	8.80	34.970	27.13
550	7.52	34.815	27.20
600	6.76	34.741	27.25
650	6.53	34.734	27.27
700	6.16	34.731	27.32
750	5.94	34.738	27.35
800	5.82	34.752	27.38
850	5.61	34.792	27.44
852	5.58	34.799	27.45

RES-STACS21-85 CTD 20 RESEARCHER
Date 08 16 85 Latitude 14.338 N
Time 2239 Z Longitude 63.518 W



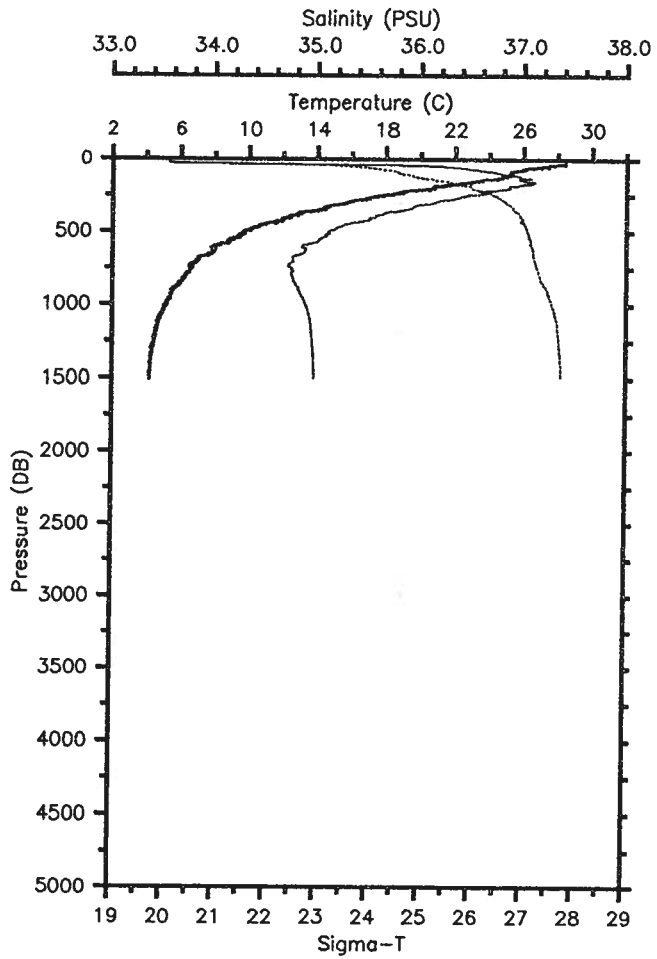
Prs	Tem	Sal	SigT
0	28.56	33.935	21.41
10	28.57	33.938	21.41
20	28.57	33.937	21.41
30	28.53	33.980	21.46
40	27.41	35.405	22.89
50	26.97	35.953	23.45
60	26.95	36.283	23.70
70	25.79	36.266	24.06
80	25.11	36.363	24.34
90	24.61	36.582	24.66
100	24.19	36.614	24.81
110	23.95	36.699	24.94
120	23.31	36.711	25.14
130	22.81	36.739	25.31
140	22.42	36.780	25.45
150	21.54	36.677	25.62
160	21.33	36.764	25.75
170	20.49	36.647	25.89
180	20.22	36.651	25.97
190	19.59	36.600	26.09
200	18.73	36.512	26.25
250	15.35	35.974	26.65
300	13.36	35.680	26.85
350	11.75	35.395	26.94
400	9.88	35.108	27.06
450	9.78	35.125	27.09
500	8.19	34.885	27.15
550	7.55	34.800	27.18
600	6.87	34.747	27.24
650	6.47	34.725	27.28
700	6.16	34.730	27.32
750	5.85	34.744	27.37
800	5.53	34.810	27.46
850	5.43	34.839	27.50
900	5.33	34.860	27.53
912	5.27	34.870	27.54

RES-STACS21-85 CTD 21 RESEARCHER
Date 08 17 85 Latitude 14.482 N
Time 0043 Z Longitude 63.580 W



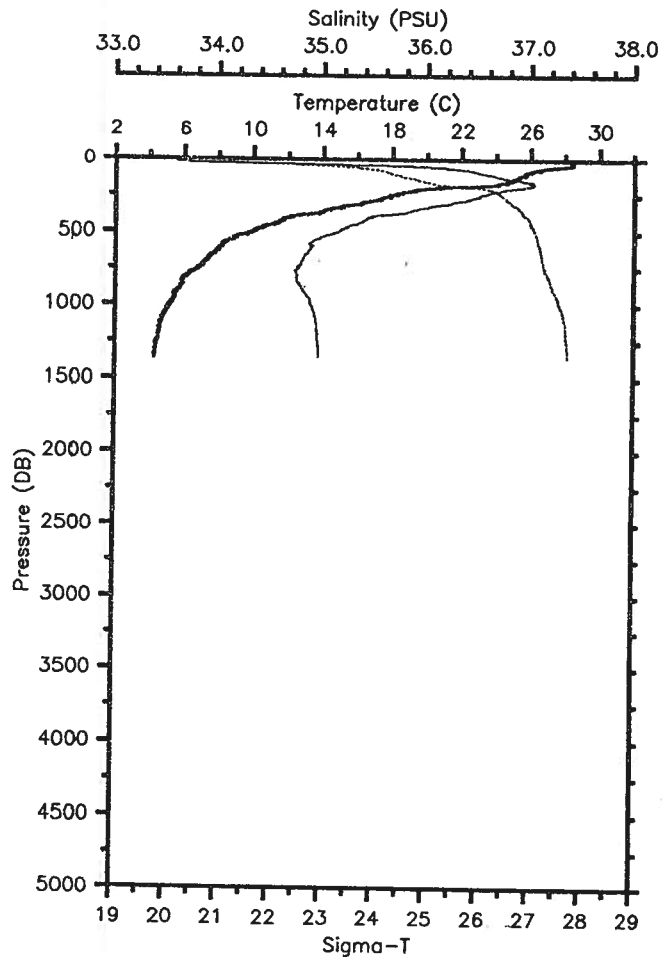
Prs	Tem	Sal	SigT
0	28.41	33.702	21.29
10	28.42	33.710	21.29
20	28.42	33.711	21.29
30	28.00	34.477	22.00
40	27.50	35.669	23.06
50	26.61	36.225	23.77
60	26.15	36.290	23.96
70	25.78	36.394	24.16
80	25.52	36.490	24.31
90	25.40	36.687	24.49
100	25.11	36.852	24.71
110	24.74	36.861	24.83
120	24.57	37.005	24.99
130	23.83	37.071	25.26
140	23.24	37.060	25.43
150	22.50	37.013	25.61
160	21.06	36.774	25.83
170	20.64	36.713	25.90
180	20.08	36.657	26.01
190	19.33	36.581	26.15
200	18.71	36.498	26.24
250	17.32	36.390	26.51
300	15.60	36.097	26.68
350	13.40	35.706	26.86
400	11.28	35.333	26.98
450	9.83	35.100	27.06
500	8.99	34.989	27.11
550	8.35	34.908	27.15
600	8.04	34.873	27.17
650	7.90	34.861	27.18
654	7.88	34.856	27.18

RES-STACS21-85 CTD 22 RESEARCHER
Date 08 17 85 Latitude 14.780 N
Time 0410 Z Longitude 63.500 W



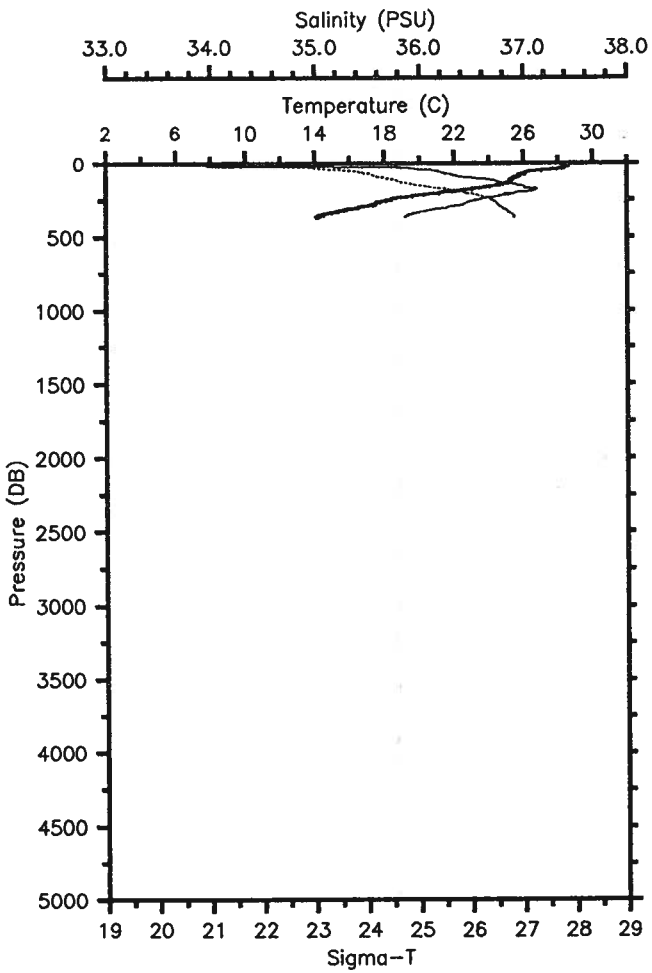
Prs	Tem	Sal	SigT
0	28.45	33.553	21.16
10	28.39	33.554	21.18
20	28.39	33.556	21.18
30	28.38	33.618	21.23
40	27.87	35.255	22.63
50	27.14	36.172	23.56
60	26.38	36.370	23.95
70	25.89	36.500	24.20
80	25.51	36.568	24.37
90	25.33	36.723	24.54
100	25.24	36.786	24.62
110	24.98	36.891	24.78
120	24.74	36.954	24.90
130	24.49	37.036	25.04
140	23.62	36.953	25.23
150	23.24	37.024	25.40
160	22.79	37.097	25.59
170	22.20	37.062	25.73
180	21.43	36.950	25.86
190	20.76	36.861	25.98
200	20.68	36.858	26.00
250	17.79	36.473	26.45
300	15.74	36.128	26.68
350	14.09	35.847	26.82
400	12.36	35.563	26.96
450	10.80	35.262	27.02
500	9.72	35.104	27.08
550	9.00	35.018	27.13
600	7.98	34.850	27.16
650	7.68	34.833	27.19
700	6.97	34.765	27.24
750	6.64	34.754	27.27
800	6.28	34.746	27.32
850	5.94	34.781	27.39
900	5.52	34.816	27.47
950	5.43	34.853	27.51
1000	5.19	34.881	27.56
1500	4.19	34.968	27.74

RES-STACS21-85 CTD 23 RESEARCHER
Date 08 17 85 Latitude 15.002 N
Time 0701 Z Longitude 63.530 W



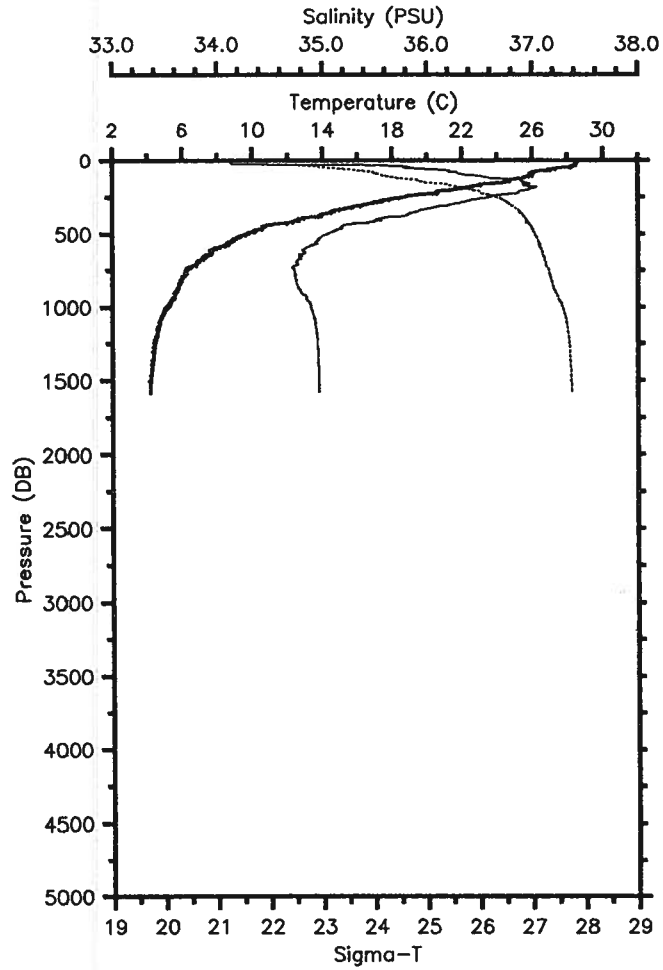
Prs	Tem	Sal	SigT
0	28.48	33.590	21.18
10	28.46	33.589	21.19
20	28.46	33.605	21.20
30	28.33	34.258	21.73
40	28.13	35.348	22.62
50	27.35	36.029	23.38
60	26.67	36.191	23.72
70	26.25	36.358	23.98
80	25.99	36.419	24.11
90	25.71	36.498	24.26
100	25.64	36.588	24.35
110	25.39	36.651	24.47
120	25.27	36.710	24.55
130	25.06	36.805	24.69
140	24.90	36.891	24.80
150	24.67	36.977	24.94
160	24.33	36.988	25.05
170	24.00	37.034	25.18
180	22.96	37.003	25.47
190	21.00	36.924	25.96
200	19.91	36.800	26.16
250	17.91	36.502	26.45
300	16.32	36.237	26.63
350	14.17	35.859	26.82
400	12.06	35.473	26.95
450	11.07	35.310	27.01
500	9.91	35.141	27.08
550	8.68	34.940	27.12
600	8.10	34.891	27.17
650	7.65	34.832	27.19
700	7.22	34.798	27.23
750	6.76	34.763	27.27
800	6.18	34.752	27.33
850	5.85	34.765	27.39
900	5.62	34.810	27.45
950	5.45	34.865	27.52
1000	5.17	34.883	27.56
1352	4.29	34.962	27.73

RES-STACS21-85 CTD 24 RESEARCHER
Date 08 17 85 Latitude 15.223 N
Time 1610 Z Longitude 63.630 W



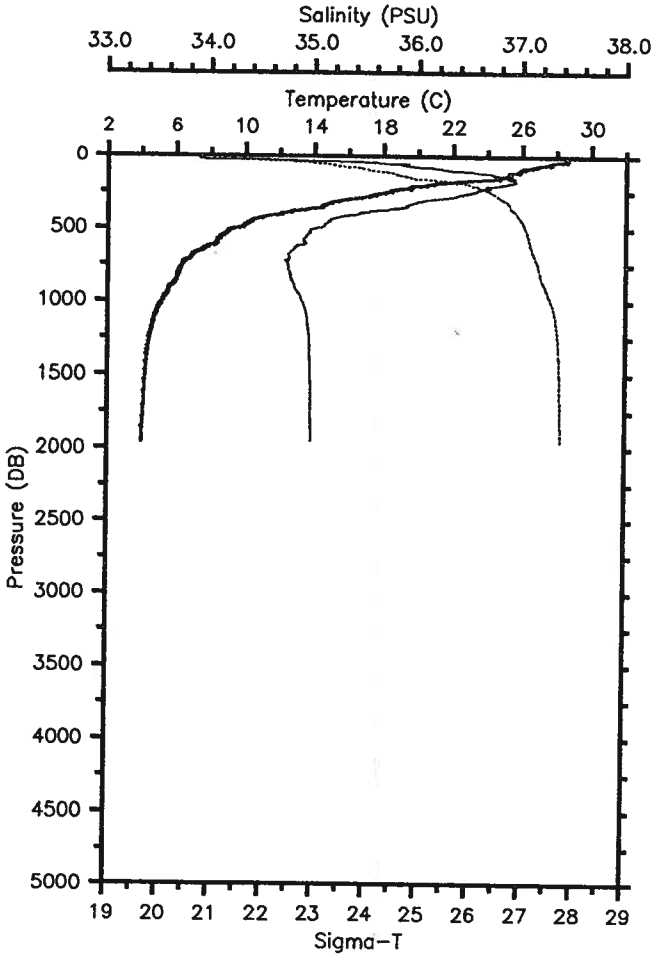
Prs	Tem	Sal	SigT
0	28.42	33.969	21.48
10	28.40	33.971	21.49
20	28.38	33.978	21.51
30	28.28	35.844	22.94
40	28.04	35.975	23.12
50	26.96	36.183	23.63
60	26.30	36.200	23.85
70	26.09	36.244	23.95
80	25.78	36.329	24.11
90	25.67	36.373	24.17
100	25.43	36.527	24.37
110	25.32	36.660	24.50
120	25.22	36.740	24.59
130	25.11	36.798	24.67
140	24.86	36.903	24.82
150	24.44	36.983	25.01
160	23.94	37.004	25.18
170	23.20	37.103	25.47
180	22.50	37.114	25.68
190	22.15	37.065	25.75
200	21.21	36.927	25.91
250	18.18	36.542	26.41
300	16.55	36.277	26.60
350	14.33	35.896	26.81
368	14.12	35.857	26.82

RES-STACS21-85 CTD 25 RESEARCHER
Date 08 17 85 Latitude 15.448 N
Time 1816 Z Longitude 63.552 W



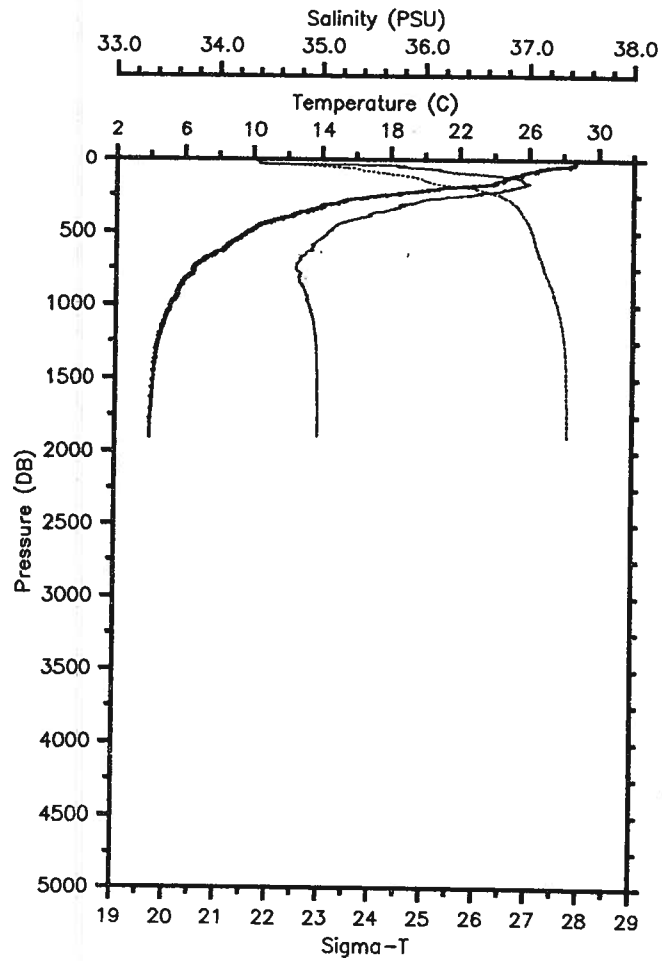
Prs	Tem	Sal	SigT
0	28.57	34.132	21.56
10	28.56	34.132	21.56
20	28.51	34.133	21.58
30	28.49	34.799	22.09
40	28.28	35.687	22.82
50	27.92	35.777	23.01
60	27.23	35.956	23.37
70	26.81	36.219	23.70
80	26.05	36.250	23.96
90	25.97	36.302	24.03
100	25.89	36.383	24.12
110	25.84	36.525	24.24
120	25.47	36.582	24.39
130	24.90	36.838	24.76
140	24.73	36.897	24.86
150	24.44	36.939	24.98
160	23.50	36.907	25.24
170	22.98	36.924	25.41
180	22.55	37.043	25.61
190	22.07	37.024	25.74
200	21.45	36.953	25.86
250	18.70	36.595	26.32
300	16.47	36.235	26.59
350	14.53	35.896	26.77
400	12.69	35.540	26.87
450	10.66	35.186	26.98
500	9.68	35.041	27.04
550	8.78	34.952	27.12
600	7.88	34.835	27.16
650	7.30	34.782	27.20
700	6.84	34.763	27.25
750	6.26	34.736	27.31
800	6.02	34.743	27.35
850	5.85	34.764	27.39
900	5.64	34.798	27.44
950	5.42	34.858	27.51
1000	5.16	34.893	27.57
1500	4.20	34.967	27.74
1576	4.17	34.969	27.74

RES-STACS21-85 CTD 26 RESEARCHER
Date 08 17 85 Latitude 15.753 N
Time 2103 Z Longitude 63.508 W



Prs	Tem	Sal	SigT
0	28.47	33.892	21.41
10	28.47	33.892	21.41
20	28.48	33.890	21.41
30	28.58	34.652	21.95
40	27.87	35.335	22.69
50	27.63	35.646	23.00
60	27.12	35.825	23.30
70	26.73	35.927	23.50
80	26.28	36.092	23.77
90	25.97	36.221	23.97
100	25.80	36.330	24.10
110	25.74	36.562	24.30
120	25.31	36.694	24.53
130	25.19	36.723	24.59
140	24.88	36.842	24.77
150	24.75	36.928	24.88
160	23.74	36.887	25.15
170	22.41	36.914	25.56
180	21.66	36.912	25.77
190	20.96	36.862	25.92
200	20.54	36.807	26.00
250	18.18	36.526	26.40
300	15.94	36.133	26.64
350	14.49	35.899	26.78
400	12.13	35.436	26.90
450	10.36	35.138	27.00
500	9.41	35.022	27.07
550	8.65	34.923	27.11
600	8.38	34.921	27.15
650	7.47	34.797	27.19
700	6.81	34.763	27.26
750	6.36	34.741	27.30
800	6.16	34.761	27.34
850	6.04	34.784	27.38
900	5.65	34.807	27.44
950	5.50	34.852	27.50
1000	5.19	34.881	27.56
1500	4.23	34.964	27.73
1950	4.05	34.976	27.76

RES-STACS21-85 CTD 27 RESEARCHER
Date 08 17 85 Latitude 15.962 N
Time 2347 Z Longitude 63.490 W

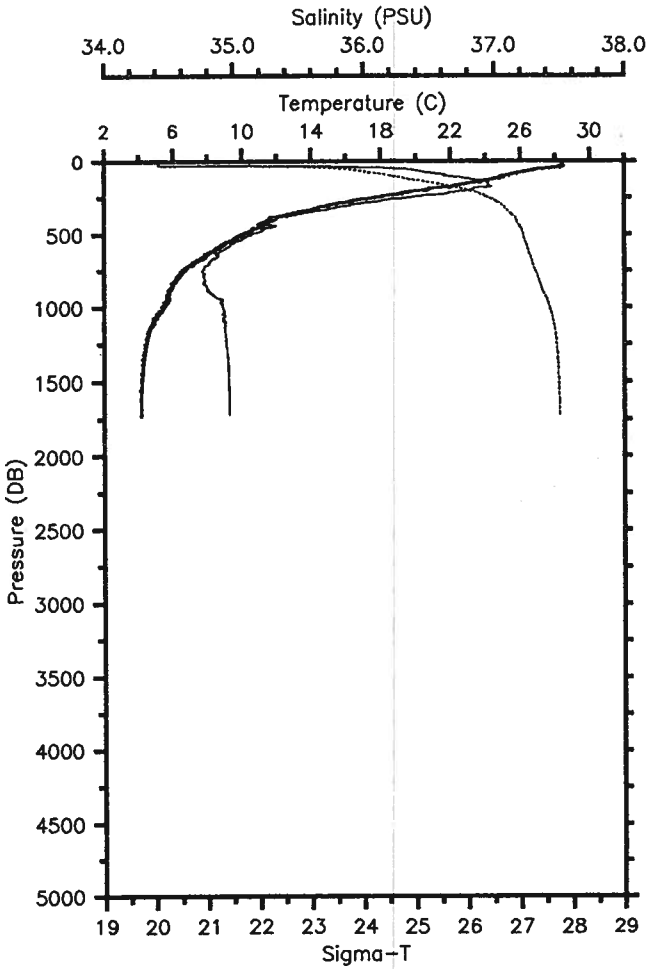


Prs	Tem	Sal	SigT
0	28.62	34.389	21.73
10	28.62	34.389	21.73
20	28.63	34.395	21.73
30	28.60	34.401	21.75
40	28.41	35.612	22.72
50	27.38	35.719	23.14
60	26.92	35.954	23.46
70	26.50	36.139	23.74
80	26.17	36.178	23.87
90	25.81	36.299	24.08
100	25.53	36.559	24.36
110	25.28	36.695	24.54
120	24.89	36.822	24.75
130	24.64	36.898	24.89
140	24.54	36.931	24.94
150	24.21	36.949	25.06
160	24.02	36.954	25.12
170	23.82	36.988	25.20
180	22.76	36.942	25.48
190	21.93	36.905	25.69
200	20.83	36.842	25.94
250	17.41	36.371	26.47
300	14.96	35.909	26.68
350	13.39	35.662	26.83
400	11.96	35.409	26.92
450	10.41	35.155	27.00
500	9.71	35.059	27.05
550	9.04	34.985	27.10
600	8.45	34.918	27.14
650	7.78	34.845	27.19
700	7.03	34.784	27.24
750	6.52	34.751	27.29
800	6.27	34.778	27.34
850	5.87	34.786	27.40
900	5.66	34.837	27.47
950	5.50	34.860	27.51
1000	5.20	34.880	27.56
1500	4.21	34.965	27.74
1894	4.04	34.973	27.76

RES-STACS21-85 CTD 28 RESEARCHER

Date 08 18 85 Latitude 16.247 N

Time 0255 Z Longitude 63.540 W

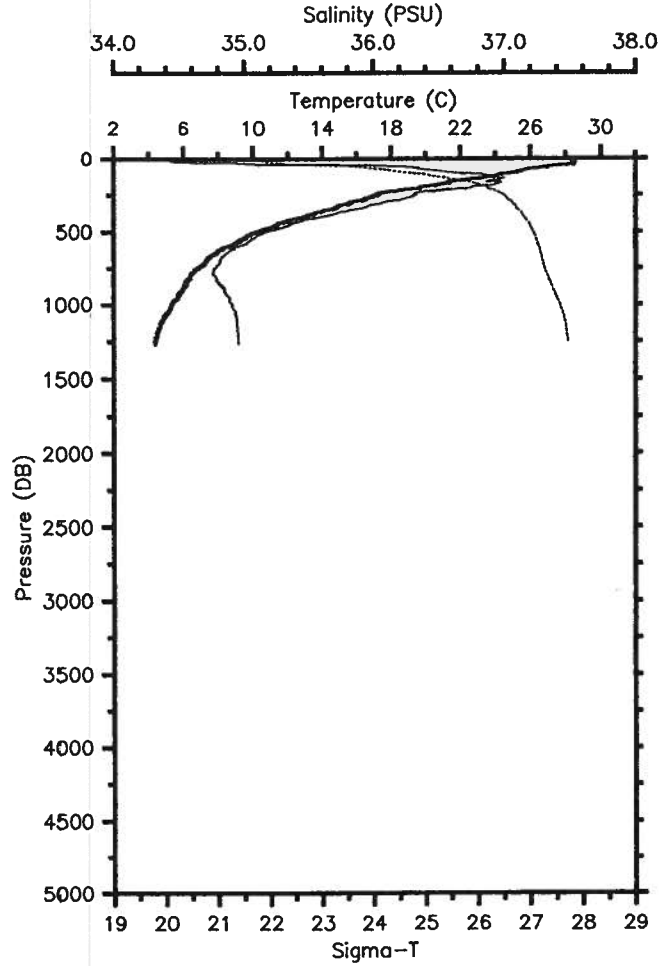


Prs	Tem	Sal	SigT
0	28.44	34.423	21.82
10	28.45	34.429	21.82
20	28.44	34.426	21.82
30	28.46	34.438	21.82
40	28.32	35.787	22.88
50	27.58	36.227	23.46
60	26.90	36.371	23.78
70	26.41	36.439	23.99
80	25.94	36.499	24.19
90	25.55	36.586	24.37
100	25.09	36.625	24.54
110	24.94	36.704	24.65
120	24.62	36.815	24.83
130	24.21	36.880	25.01
140	23.84	36.963	25.18
150	23.20	36.949	25.36
160	22.74	36.958	25.50
170	22.22	36.967	25.65
180	21.76	36.916	25.74
190	20.80	36.840	25.95
200	20.57	36.831	26.01
250	17.63	36.350	26.40
300	15.08	35.906	26.65
350	13.33	35.609	26.80
400	11.66	35.339	26.92
450	11.09	35.301	26.99
500	10.05	35.149	27.06
550	9.19	35.017	27.10
600	8.51	34.941	27.15
650	7.88	34.880	27.20
700	7.20	34.818	27.25
750	6.58	34.761	27.29
800	6.27	34.780	27.34
850	6.01	34.796	27.39
900	5.74	34.824	27.45
950	5.76	34.921	27.52
1000	5.43	34.923	27.56
1500	4.20	34.967	27.74
1720	4.15	34.970	27.75

RES-STACS21-85 CTD 29 RESEARCHER

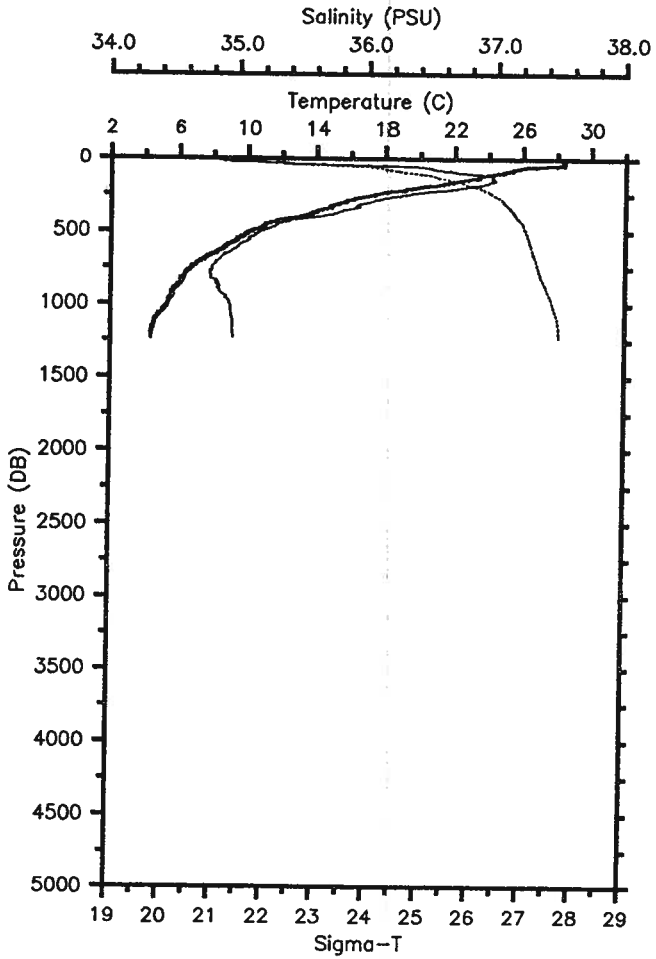
Date 08 18 85 Latitude 16.503 N

Time 0635 Z Longitude 63.560 W



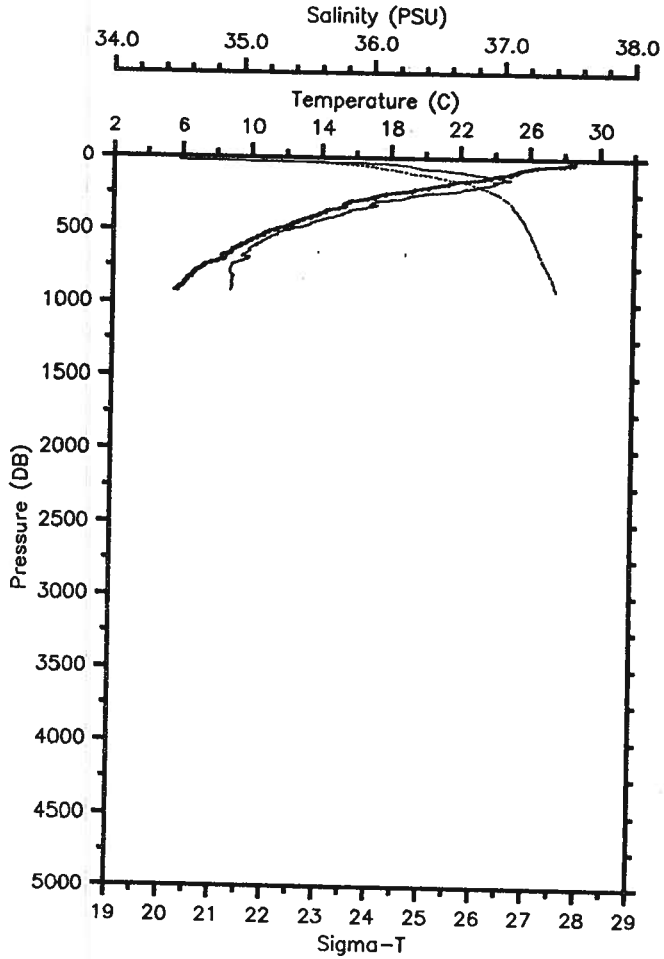
Prs	Tem	Sal	SigT
0	28.36	34.441	21.86
10	28.36	34.441	21.86
20	28.36	34.440	21.86
30	28.47	34.975	22.22
40	28.45	35.152	22.36
50	27.30	36.087	23.44
60	26.74	36.295	23.78
70	25.96	36.366	24.08
80	25.59	36.471	24.27
90	25.29	36.556	24.43
100	24.75	36.693	24.70
110	24.22	36.844	24.97
120	23.90	36.929	25.13
130	23.26	36.984	25.36
140	22.55	36.951	25.55
150	21.95	36.924	25.70
160	21.34	36.901	25.85
170	21.12	36.968	25.96
180	20.63	36.919	26.06
190	19.98	36.780	26.13
200	19.67	36.746	26.18
250	17.09	36.305	26.50
300	15.63	36.067	26.65
350	14.19	35.820	26.78
400	12.83	35.587	26.88
450	11.35	35.355	26.99
500	10.15	35.171	27.06
550	9.31	35.053	27.11
600	8.45	34.929	27.15
650	7.75	34.854	27.20
700	7.27	34.811	27.23
750	6.77	34.772	27.27
800	6.39	34.773	27.32
850	6.13	34.802	27.38
900	5.95	34.848	27.44
950	5.69	34.888	27.50
1000	5.31	34.907	27.56
1262	4.38	34.956	27.71

RES-STACS21-85 CTD 30 RESEARCHER
Date 08 18 85 Latitude 16.753 N
Time 1404 Z Longitude 63.543 W



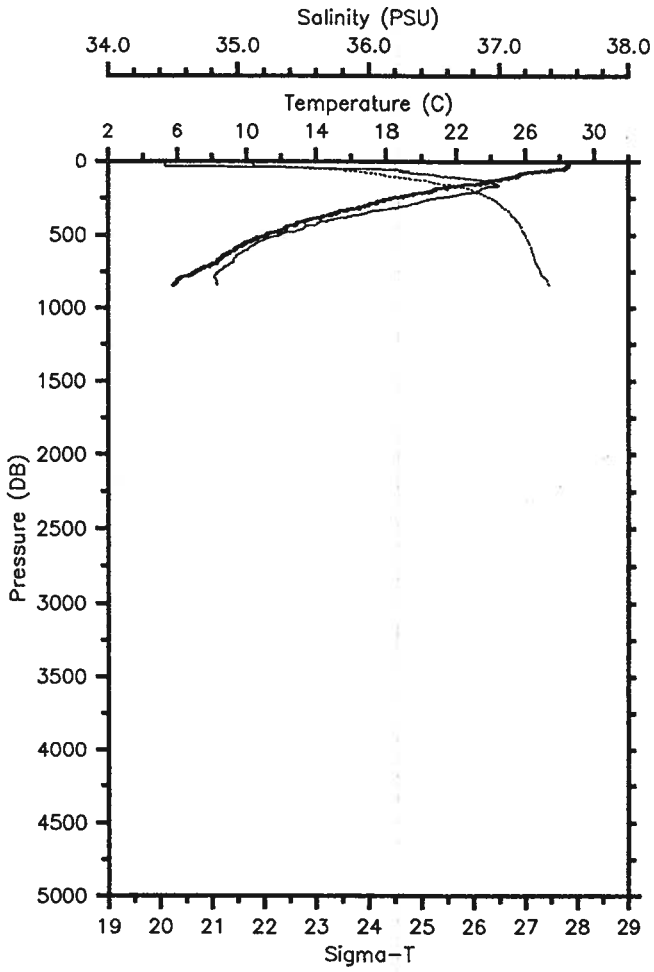
Prs	Tem	Sal	SigT
0	28.35	34.816	22.14
10	28.34	34.826	22.16
20	28.35	34.906	22.21
30	28.41	35.226	22.43
40	28.40	35.441	22.60
50	27.02	36.211	23.63
60	26.05	36.419	24.09
70	25.58	36.484	24.28
80	25.33	36.548	24.41
90	24.92	36.667	24.63
100	24.35	36.781	24.89
110	23.94	36.907	25.10
120	23.56	36.962	25.26
130	23.28	36.959	25.34
140	22.80	36.958	25.48
150	22.33	36.983	25.63
160	21.81	36.941	25.75
170	21.41	36.921	25.85
180	20.98	36.867	25.92
190	20.25	36.777	26.05
200	19.71	36.712	26.15
250	17.27	36.272	26.43
300	15.56	35.999	26.62
350	14.34	35.854	26.78
400	12.99	35.616	26.87
450	11.04	35.297	27.00
500	10.16	35.171	27.06
550	9.41	35.079	27.11
600	8.71	34.994	27.16
650	8.10	34.922	27.20
700	7.27	34.837	27.25
750	6.69	34.787	27.29
800	6.30	34.776	27.34
850	6.13	34.833	27.40
900	5.68	34.842	27.47
950	5.53	34.899	27.53
1000	5.28	34.926	27.58
1226	4.36	34.955	27.71

RES-STACS21-85 CTD 31 RESEARCHER
Date 08 18 85 Latitude 17.015 N
Time 1624 Z Longitude 63.555 W



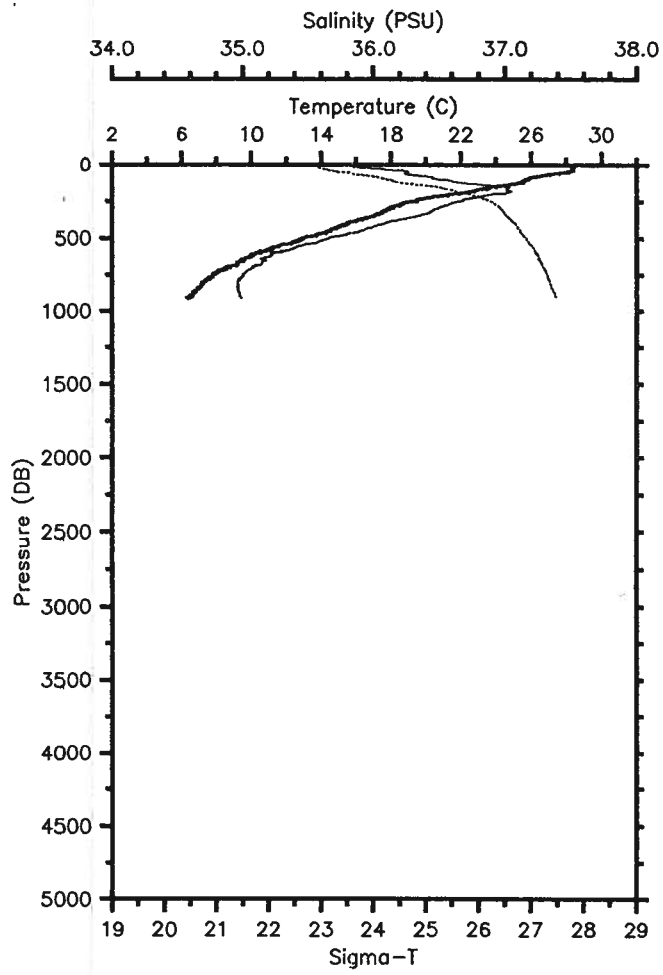
Prs	Tem	Sal	SigT
0	28.48	34.509	21.87
10	28.46	34.508	21.88
20	28.45	34.509	21.88
30	28.49	35.162	22.36
40	27.93	36.027	23.19
50	27.30	36.245	23.56
60	26.31	36.289	23.91
70	25.83	36.359	24.11
80	25.49	36.506	24.33
90	25.26	36.607	24.48
100	24.99	36.711	24.64
110	24.85	36.764	24.72
120	24.06	36.863	25.04
130	23.73	36.968	25.21
140	23.40	37.008	25.34
150	22.81	37.011	25.52
160	21.89	36.919	25.71
170	21.45	36.934	25.84
180	21.19	36.915	25.90
190	20.76	36.864	25.98
200	20.27	36.793	26.06
250	17.72	36.394	26.41
300	15.72	36.050	26.62
350	15.00	35.947	26.70
400	13.68	35.737	26.83
450	12.38	35.521	26.92
500	11.32	35.361	27.00
550	10.35	35.211	27.06
600	9.47	35.099	27.12
650	8.86	35.053	27.18
700	8.43	35.050	27.25
750	7.22	34.917	27.32
800	6.68	34.903	27.39
850	6.23	34.920	27.46
900	5.82	34.918	27.51
916	5.65	34.912	27.53

RES-STACS21-85 CTD 32 RESEARCHER
Date 08 18 85 Latitude 17.180 N
Time 1840 Z Longitude 63.557 W



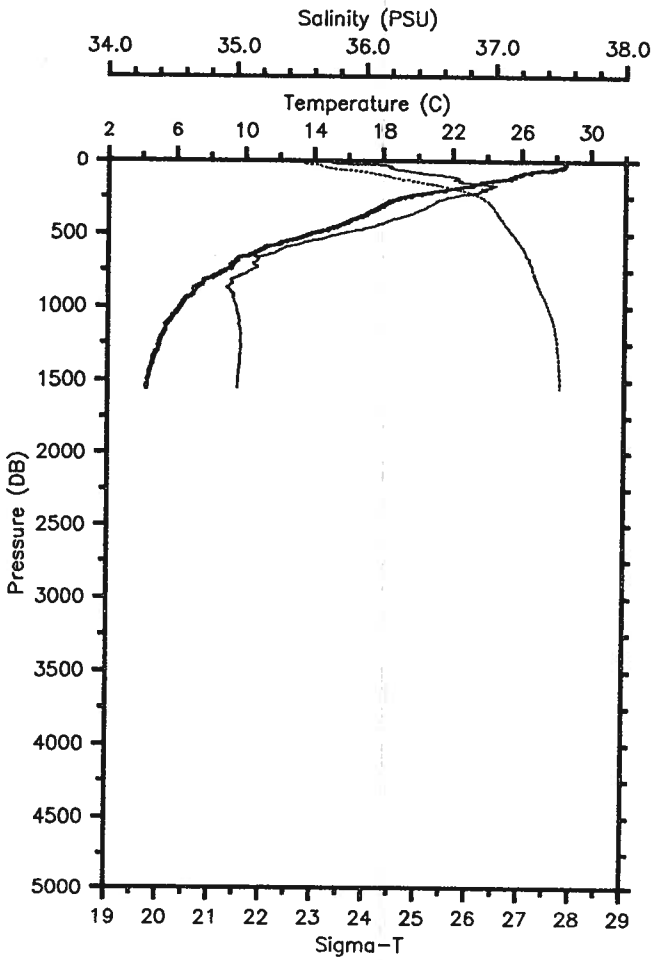
Prs	Tem	Sal	SigT
0	28.58	34.435	21.78
10	28.58	34.431	21.78
20	28.51	34.443	21.81
30	28.46	34.441	21.83
40	28.44	35.284	22.46
50	28.31	35.685	22.81
60	27.51	36.216	23.47
70	26.80	36.282	23.75
80	26.05	36.287	23.99
90	25.70	36.444	24.22
100	25.55	36.529	24.33
110	25.28	36.612	24.47
120	24.74	36.769	24.76
130	24.17	36.887	25.02
140	23.82	36.930	25.16
150	23.39	36.970	25.31
160	22.53	36.957	25.56
170	22.05	36.985	25.71
180	21.32	36.874	25.84
190	20.81	36.854	25.96
200	20.62	36.838	26.00
250	18.30	36.510	26.35
300	16.92	36.292	26.53
350	15.16	35.986	26.70
400	13.54	35.705	26.83
450	12.28	35.514	26.93
500	11.13	35.328	27.01
550	9.98	35.157	27.08
600	9.32	35.076	27.13
650	8.58	34.985	27.17
700	7.99	34.932	27.22
750	7.05	34.852	27.30
800	6.11	34.832	27.41
838	5.80	34.844	27.45

RES-STACS21-85 CTD 33 RESEARCHER
Date 08 19 85 Latitude 18.587 N
Time 1347 Z Longitude 66.120 W



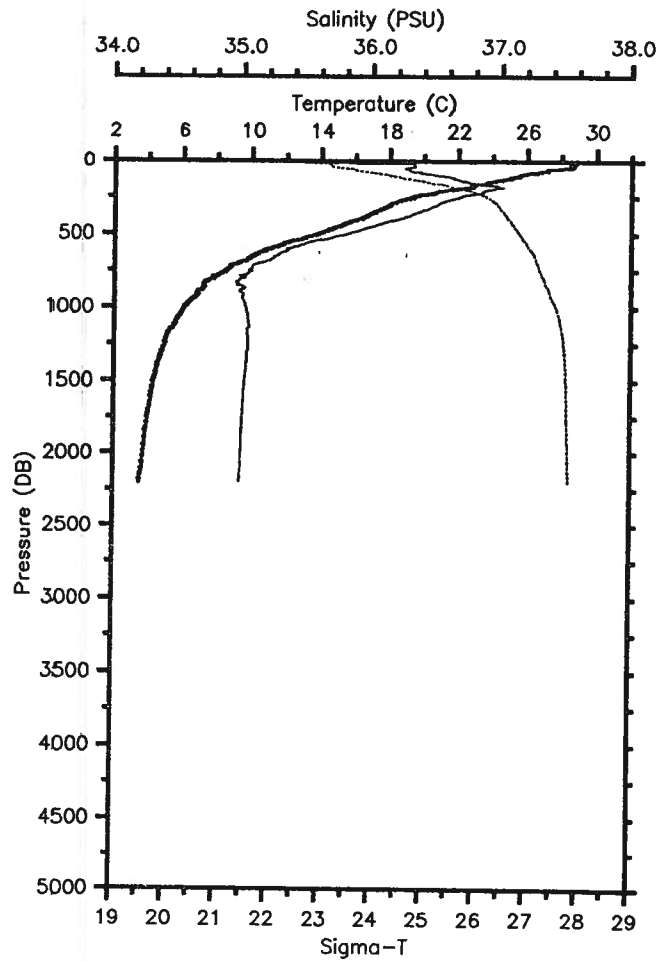
Prs	Tem	Sal	SigT
0	28.32	35.800	22.89
10	28.32	35.830	22.92
20	28.32	35.861	22.94
30	28.39	36.079	23.08
40	28.30	36.182	23.19
50	28.11	36.266	23.31
60	27.41	36.265	23.54
70	26.93	36.259	23.69
80	26.35	36.363	23.96
90	26.00	36.444	24.13
100	25.77	36.486	24.23
110	25.58	36.583	24.36
120	25.51	36.636	24.42
130	25.15	36.727	24.60
140	24.68	36.844	24.83
150	24.01	36.976	25.14
160	23.57	37.029	25.31
170	23.03	37.012	25.45
180	22.72	37.052	25.57
190	22.27	37.013	25.67
200	21.42	36.904	25.83
250	19.19	36.647	26.23
300	17.93	36.486	26.43
350	17.01	36.343	26.54
400	15.52	36.089	26.70
450	14.52	35.924	26.79
500	12.97	35.659	26.91
550	11.64	35.456	27.01
600	10.25	35.250	27.10
650	9.54	35.176	27.17
700	8.61	35.082	27.25
750	7.80	35.005	27.31
800	7.25	34.961	27.35
850	6.90	34.966	27.41
900	6.54	34.980	27.47
910	6.35	34.994	27.50

RES-STACS21-85 CTD 34 RESEARCHER
Date 08 19 85 Latitude 18.682 N
Time 1926 Z Longitude 66.108 W



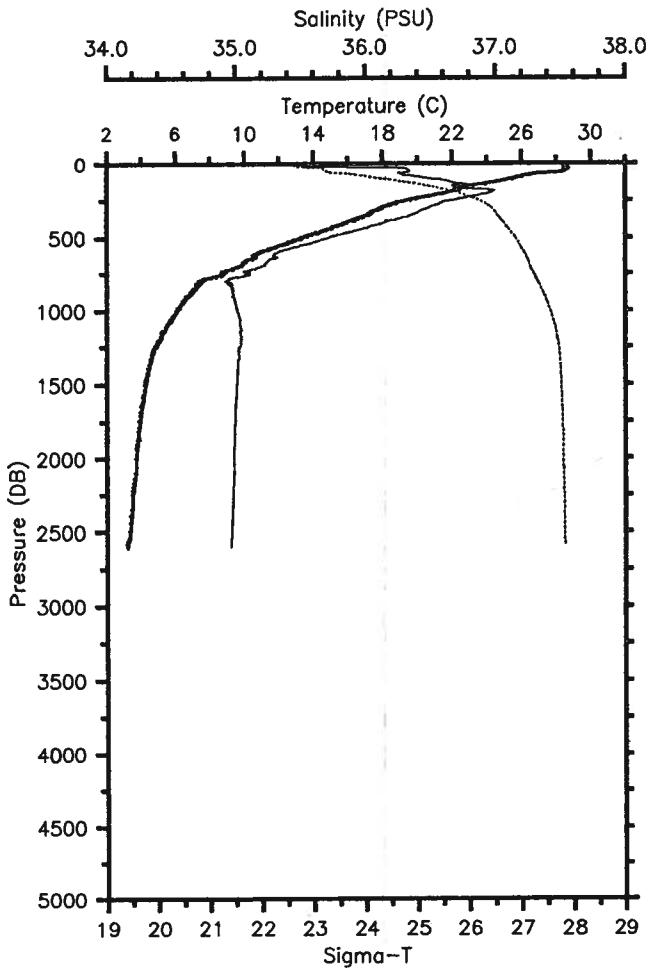
Prs	Tem	Sal	SigT
0	28.50	35.736	22.79
10	28.49	35.738	22.79
20	28.46	35.757	22.81
30	28.49	36.127	23.08
40	28.44	36.179	23.14
50	27.99	36.174	23.28
60	27.74	36.216	23.40
70	26.71	36.301	23.79
80	26.36	36.416	23.99
90	25.98	36.464	24.15
100	25.65	36.597	24.35
110	25.45	36.676	24.47
120	25.33	36.718	24.54
130	24.67	36.675	24.71
140	24.25	36.743	24.89
150	23.72	36.786	25.08
160	23.49	36.899	25.23
170	23.17	36.992	25.40
180	22.57	36.982	25.56
190	22.28	36.960	25.63
200	21.59	36.929	25.80
250	19.32	36.674	26.22
300	18.09	36.514	26.41
350	17.30	36.399	26.52
400	16.39	36.237	26.61
450	15.37	36.068	26.71
500	13.87	35.809	26.84
550	12.52	35.584	26.94
600	11.12	35.370	27.04
650	10.26	35.247	27.10
700	9.36	35.136	27.17
750	8.89	35.111	27.22
800	8.10	35.020	27.28
850	7.45	34.950	27.32
900	7.04	34.951	27.37
950	6.49	34.978	27.47
1000	6.24	34.999	27.52
1500	4.35	35.015	27.76
1552	4.27	35.012	27.77

RES-STACS21-85 CTD 35 RESEARCHER
Date 08 19 85 Latitude 18.753 N
Time 2124 Z Longitude 66.127 W



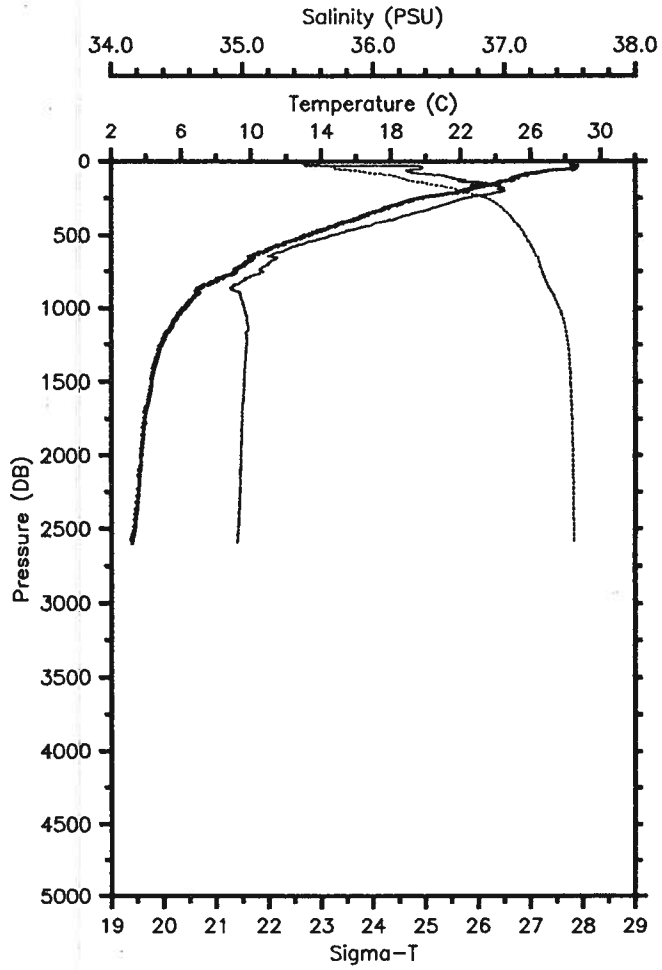
Prs	Tem	Sal	SigT
0	28.48	35.491	22.61
10	28.48	35.491	22.61
20	28.70	36.314	23.15
30	28.63	36.325	23.19
40	28.54	36.327	23.22
50	27.85	36.261	23.40
60	27.19	36.279	23.62
70	26.84	36.287	23.74
80	26.31	36.382	23.98
90	25.83	36.443	24.18
100	25.51	36.524	24.34
110	25.20	36.594	24.49
120	24.89	36.621	24.60
130	24.43	36.666	24.78
140	23.94	36.702	24.95
150	23.64	36.767	25.09
160	22.91	36.782	25.31
170	22.92	36.950	25.44
180	22.61	36.987	25.55
190	22.11	36.950	25.67
200	21.31	36.878	25.84
250	19.33	36.668	26.21
300	18.06	36.508	26.41
350	17.12	36.368	26.54
400	16.20	36.206	26.63
450	15.00	36.002	26.75
500	13.82	35.806	26.85
550	12.32	35.549	26.95
600	11.09	35.368	27.05
650	10.06	35.255	27.14
700	9.16	35.135	27.20
750	8.47	35.055	27.25
800	7.75	35.013	27.32
850	7.20	34.959	27.36
900	6.83	34.986	27.43
950	6.47	34.998	27.49
1000	6.04	35.018	27.56
1500	4.32	35.015	27.76
2000	3.75	34.989	27.80
2200	3.53	34.980	27.82

RES-STACS21-85 CTD 36 RESEARCHER
Date 08 19 85 Latitude 18.845 N
Time 2332 Z Longitude 66.125 W



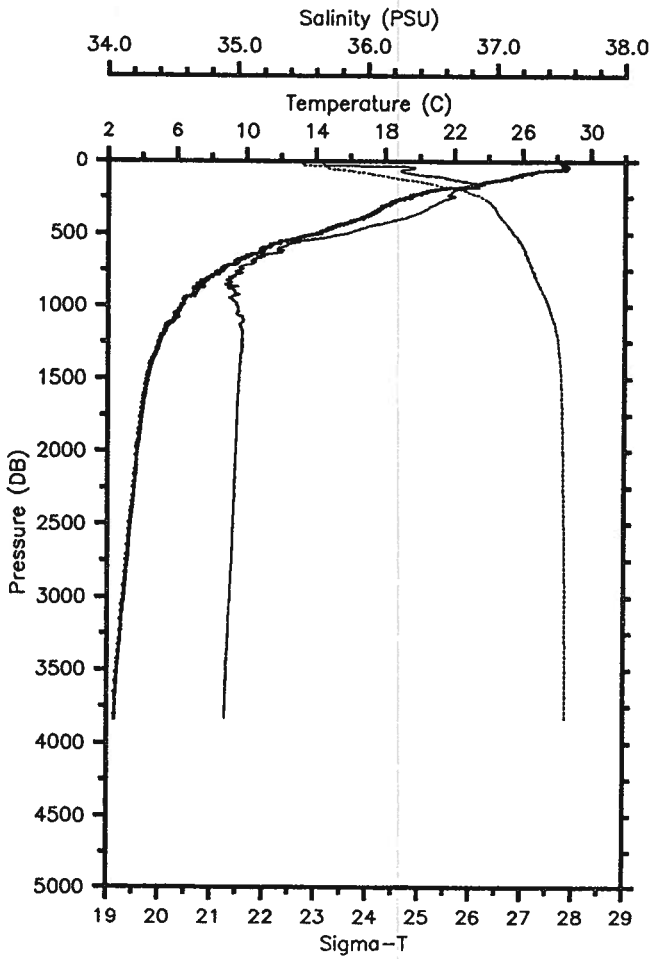
Prs	Tem	Sal	SigT
0	28.41	35.517	22.65
10	28.41	35.517	22.65
20	28.42	35.525	22.65
30	28.68	36.271	23.13
40	28.60	36.327	23.20
50	28.46	36.339	23.25
60	28.25	36.321	23.31
70	26.78	36.285	23.76
80	26.39	36.344	23.93
90	26.01	36.421	24.10
100	25.60	36.501	24.29
110	25.21	36.574	24.47
120	24.76	36.648	24.66
130	24.22	36.678	24.85
140	23.91	36.781	25.02
150	23.03	36.667	25.19
160	22.79	36.734	25.31
170	22.23	36.726	25.47
180	22.45	36.972	25.59
190	22.06	36.980	25.71
200	21.64	36.952	25.80
250	19.31	36.655	26.21
300	17.93	36.489	26.43
350	17.05	36.350	26.54
400	15.85	36.144	26.66
450	14.67	35.942	26.77
500	13.32	35.720	26.89
550	12.11	35.509	26.96
600	10.87	35.330	27.06
650	10.18	35.262	27.13
700	9.57	35.193	27.18
750	8.71	35.093	27.24
800	7.39	34.922	27.30
850	7.10	34.970	27.38
900	6.68	34.974	27.44
950	6.36	35.002	27.51
1000	6.07	35.018	27.56
1500	4.28	35.011	27.76
2000	3.74	34.988	27.80
2500	3.37	34.971	27.83
2600	3.22	34.963	27.83

RES-STACS21-85 CTD 37 RESEARCHER
Date 08 21 85 Latitude 18.833 N
Time 1417 Z Longitude 66.115 W



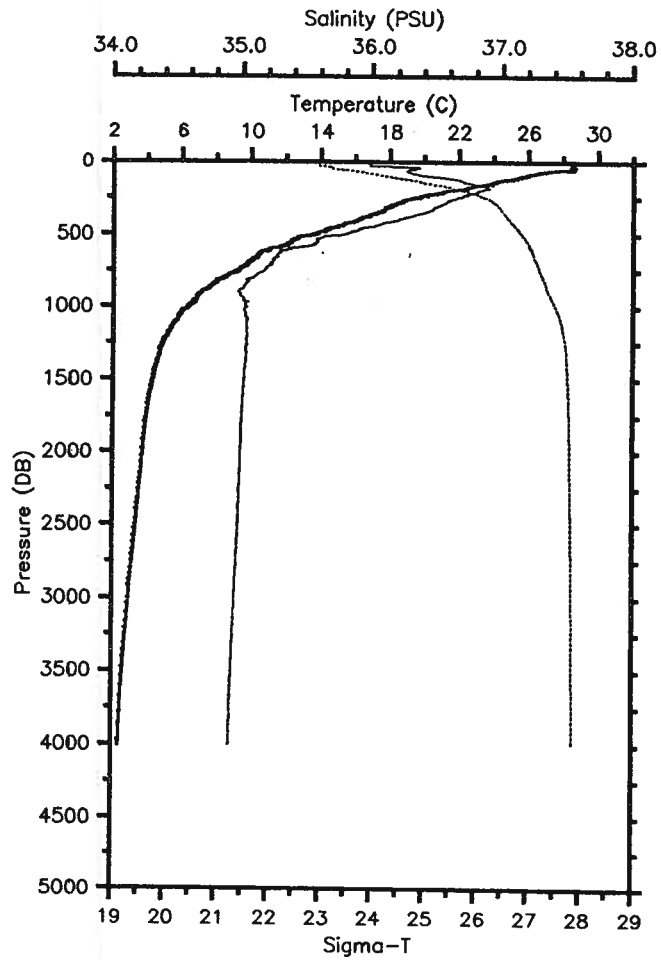
Prs	Tem	Sal	SigT
0	28.37	35.503	22.65
10	28.36	35.504	22.66
20	28.35	35.502	22.66
30	28.39	35.679	22.78
40	28.58	36.378	23.24
50	28.47	36.371	23.27
60	27.49	36.283	23.53
70	26.72	36.278	23.77
80	26.18	36.318	23.97
90	25.74	36.428	24.19
100	25.34	36.562	24.42
110	25.10	36.590	24.51
120	24.93	36.609	24.58
130	24.64	36.651	24.70
140	24.16	36.681	24.87
150	24.11	36.875	25.03
160	23.41	36.771	25.16
170	23.30	36.972	25.34
180	22.76	36.994	25.52
190	22.27	36.947	25.62
200	22.18	36.999	25.69
250	19.58	36.696	26.17
300	18.07	36.510	26.41
350	16.78	36.303	26.57
400	15.75	36.125	26.67
450	14.41	35.895	26.79
500	13.11	35.682	26.90
550	11.95	35.486	26.98
600	10.91	35.331	27.05
650	10.10	35.261	27.14
700	9.59	35.199	27.18
750	9.14	35.158	27.22
800	8.11	35.029	27.28
850	7.25	34.938	27.33
900	6.93	34.980	27.41
950	6.52	35.003	27.49
1000	6.13	35.015	27.55
1500	4.33	35.014	27.76
2000	3.72	34.988	27.81
2500	3.34	34.969	27.83
2588	3.19	34.961	27.84

RES-STACS21-85 CTD 38 RESEARCHER
Date 08 21 85 Latitude 19.010 N
Time 1748 Z Longitude 66.113 W



Prs	Tem	Sal	SigT
0	28.44	35.654	22.74
10	28.44	35.654	22.74
20	28.41	35.656	22.75
30	28.36	35.663	22.78
40	28.61	36.354	23.21
50	28.52	36.354	23.24
60	28.02	36.300	23.37
70	26.85	36.258	23.72
80	26.41	36.281	23.87
90	25.95	36.348	24.07
100	25.66	36.452	24.24
110	25.41	36.571	24.41
120	25.01	36.611	24.56
130	24.50	36.673	24.76
140	24.05	36.763	24.96
150	23.67	36.838	25.13
160	23.39	36.865	25.24
170	22.90	36.849	25.37
180	22.34	36.848	25.53
190	21.28	36.718	25.73
200	20.77	36.669	25.83
250	19.33	36.650	26.20
300	18.14	36.517	26.40
350	17.39	36.413	26.51
400	16.50	36.253	26.60
450	15.13	36.023	26.73
500	14.05	35.835	26.82
550	12.30	35.532	26.94
600	10.95	35.317	27.03
650	10.02	35.177	27.09
700	9.46	35.128	27.14
750	8.61	35.019	27.20
800	7.84	34.926	27.24
850	7.19	34.900	27.31
900	7.11	34.979	27.39
950	6.43	34.948	27.46
1000	6.27	34.998	27.52
1500	4.33	35.014	27.76
2000	3.72	34.988	27.81
2500	3.33	34.969	27.83
3000	2.96	34.946	27.85
3500	2.59	34.922	27.86
3830	2.45	34.912	27.86

RES-STACS21-85 CTD 39 RESEARCHER
Date 08 21 85 Latitude 19.173 N
Time 2115 Z Longitude 66.130 W

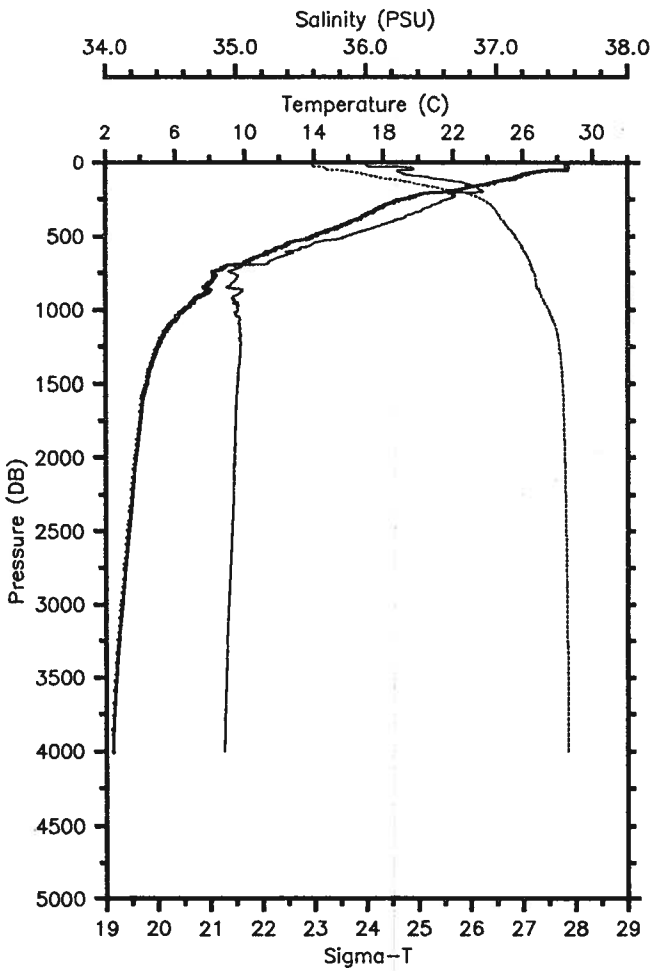


Prs	Tem	Sal	SigT
0	28.57	35.955	22.93
10	28.56	35.956	22.93
20	28.55	35.982	22.95
30	28.47	35.980	22.98
40	28.63	36.361	23.21
50	28.55	36.347	23.23
60	27.49	36.275	23.52
70	26.73	36.280	23.77
80	26.36	36.304	23.90
90	25.97	36.352	24.07
100	25.64	36.427	24.22
110	25.37	36.526	24.38
120	24.92	36.630	24.60
130	24.34	36.679	24.81
140	24.08	36.711	24.92
150	23.82	36.768	25.04
160	23.36	36.803	25.20
170	22.83	36.882	25.41
180	22.45	36.885	25.52
190	22.03	36.865	25.63
200	21.41	36.815	25.77
250	19.42	36.646	26.17
300	18.15	36.526	26.41
350	17.36	36.410	26.51
400	16.17	36.198	26.63
450	14.96	35.986	26.74
500	13.67	35.795	26.87
550	12.34	35.582	26.98
600	11.06	35.372	27.05
650	10.33	35.264	27.10
700	9.80	35.218	27.16
750	9.23	35.167	27.21
800	8.42	35.084	27.28
850	7.72	35.016	27.33
900	7.12	34.964	27.37
950	6.82	35.009	27.45
1000	6.35	35.029	27.53
1500	4.33	35.014	27.76
2000	3.75	34.989	27.80
2500	3.35	34.970	27.83
3000	2.96	34.944	27.84
3500	2.62	34.924	27.86
4000	2.40	34.908	27.86
4002	2.40	34.908	27.86

RES-STACS21-85 CTD 40 RESEARCHER

Date 08 22 85 Latitude 19.333 N

Time 0043 Z Longitude 66.110 W

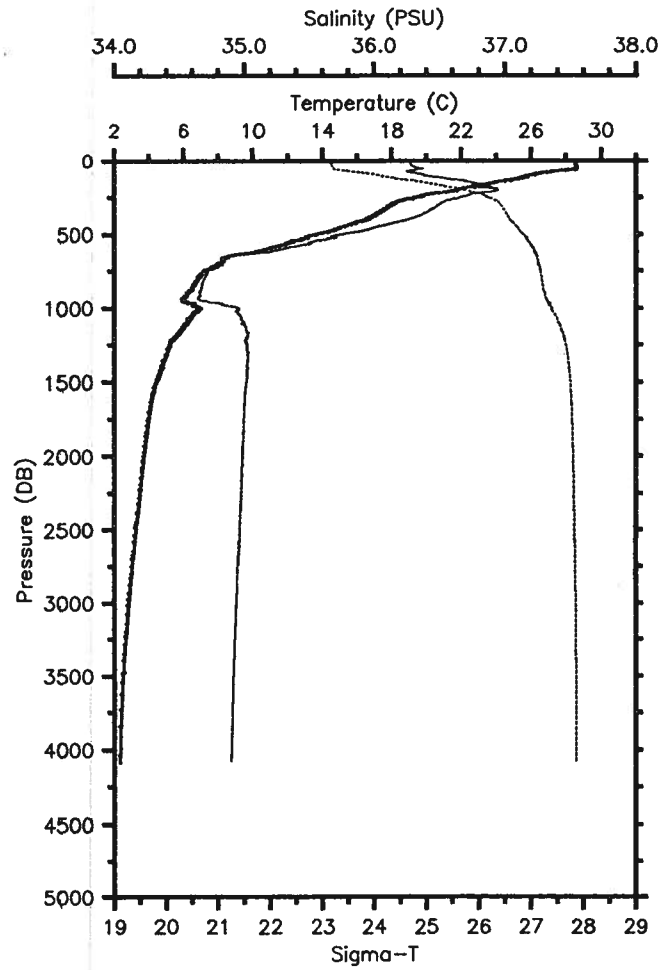


Prs	Tem	Sal	SigT
0	28.53	36.000	22.98
10	28.52	36.000	22.98
20	28.53	36.002	22.98
30	28.52	36.019	22.99
40	28.58	36.359	23.23
50	28.54	36.363	23.24
60	27.18	36.244	23.60
70	26.56	36.269	23.82
80	26.21	36.300	23.95
90	25.92	36.340	24.07
100	25.64	36.474	24.26
110	25.48	36.520	24.34
120	24.98	36.627	24.58
130	24.53	36.683	24.76
140	24.26	36.758	24.90
150	23.92	36.810	25.04
160	23.44	36.793	25.17
170	22.95	36.850	25.35
180	22.57	36.865	25.47
190	22.21	36.892	25.60
200	21.78	36.901	25.73
250	19.16	36.637	26.23
300	17.98	36.497	26.43
350	17.10	36.357	26.53
400	16.21	36.216	26.64
450	15.19	36.046	26.74
500	13.93	35.846	26.86
550	12.50	35.596	26.96
600	11.52	35.437	27.02
650	10.53	35.319	27.11
700	8.96	35.044	27.16
750	8.19	34.961	27.22
800	8.15	34.996	27.25
850	7.70	34.929	27.26
900	7.56	35.008	27.35
950	7.01	35.014	27.43
1000	6.54	35.018	27.50
1500	4.36	35.013	27.76
2000	3.75	34.989	27.80
2500	3.34	34.968	27.83
3000	2.94	34.944	27.85
3500	2.60	34.923	27.86
4000	2.40	34.908	27.86

RES-STACS21-85 CTD 41 RESEARCHER

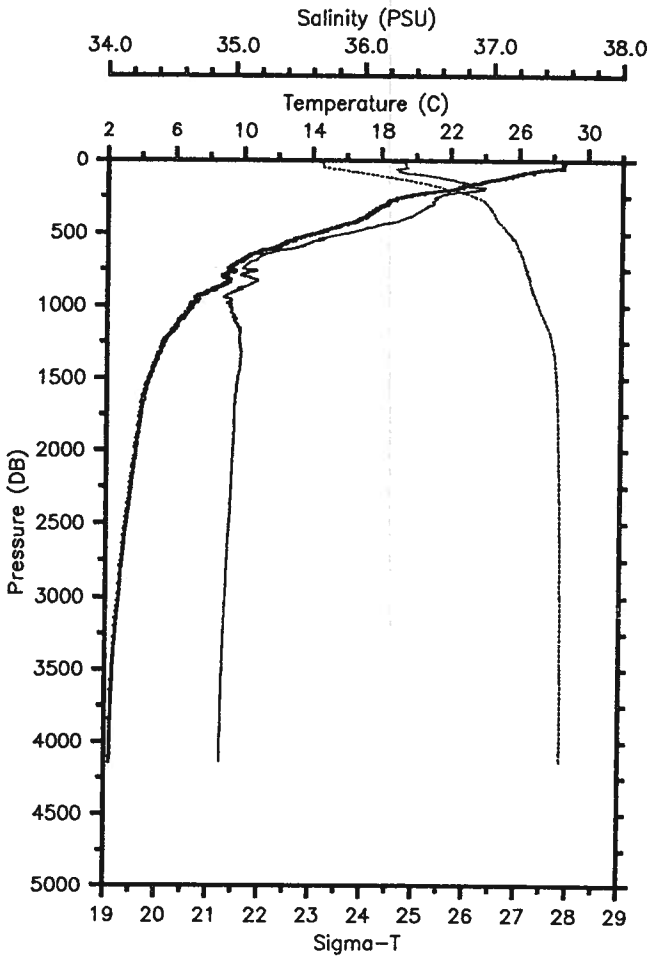
Date 08 22 85 Latitude 19.592 N

Time 0501 Z Longitude 66.065 W



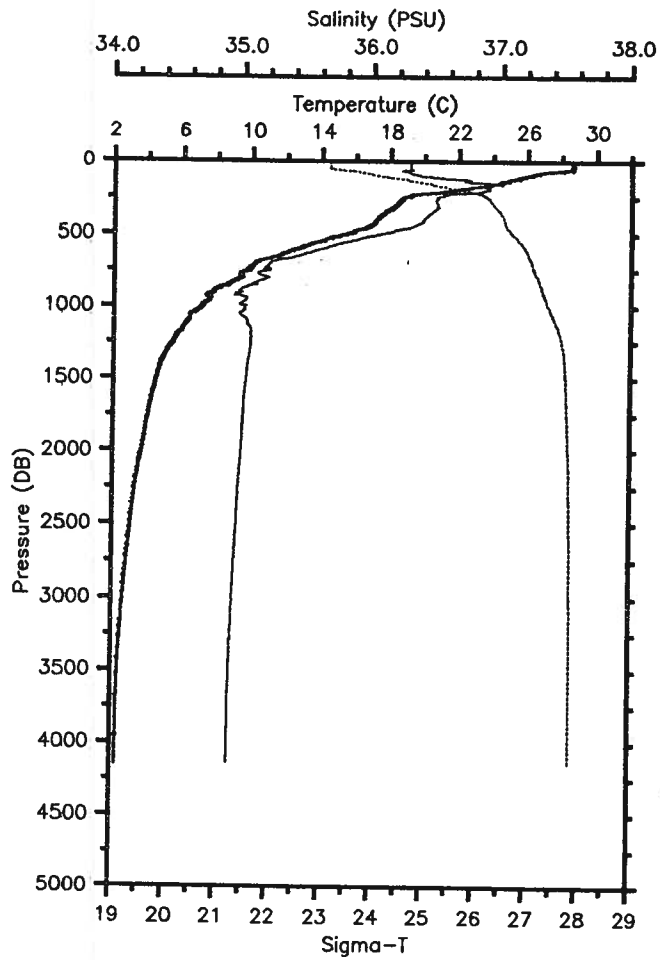
Prs	Tem	Sal	SigT
0	28.55	36.277	23.18
10	28.54	36.277	23.18
20	28.54	36.279	23.18
30	28.55	36.289	23.18
40	28.56	36.300	23.19
50	28.58	36.345	23.22
60	28.46	36.358	23.27
70	27.50	36.273	23.52
80	26.91	36.269	23.71
90	26.32	36.356	23.96
100	25.89	36.393	24.12
110	25.65	36.452	24.24
120	25.33	36.547	24.41
130	24.89	36.656	24.63
140	24.29	36.690	24.84
150	23.89	36.764	25.01
160	23.49	36.815	25.17
170	22.82	36.774	25.33
180	22.50	36.854	25.49
190	22.16	36.944	25.65
200	21.76	36.950	25.77
250	19.35	36.656	26.20
300	17.99	36.495	26.42
350	17.35	36.408	26.51
400	16.53	36.268	26.60
450	15.13	36.028	26.74
500	13.65	35.753	26.84
550	12.21	35.532	26.96
600	10.81	35.298	27.04
650	8.60	34.912	27.11
700	8.00	34.831	27.14
750	7.16	34.722	27.18
800	6.83	34.695	27.20
850	6.57	34.673	27.22
900	6.21	34.661	27.26
950	6.05	34.708	27.32
1000	6.93	34.960	27.40
1500	4.44	35.018	27.75
2000	3.72	34.986	27.80
2500	3.24	34.963	27.83
3000	2.83	34.938	27.85
3500	2.52	34.917	27.86
4000	2.36	34.905	27.87
4078	2.33	34.901	27.86

RES-STACS21-85 CTD 42 RESEARCHER
Date 08 22 85 Latitude 19.918 N
Time 0916 Z Longitude 66.117 W



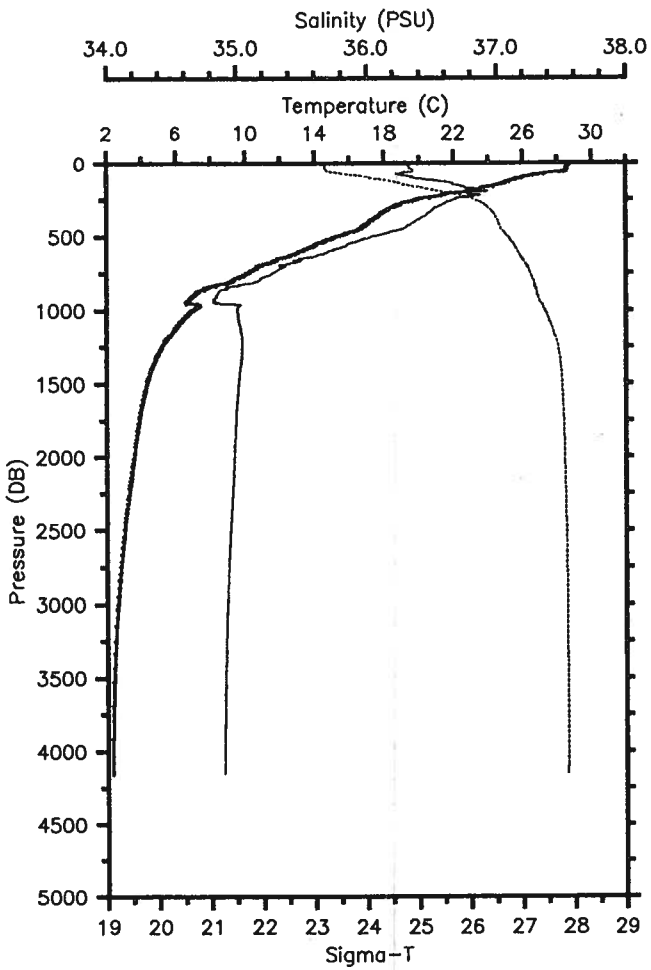
Prs	Tem	Sal	SigT
0	28.53	36.196	23.12
10	28.52	36.196	23.13
20	28.61	36.317	23.19
30	28.58	36.317	23.20
40	28.58	36.318	23.20
50	28.50	36.326	23.23
60	27.92	36.286	23.39
70	27.12	36.272	23.64
80	26.77	36.287	23.76
90	26.20	36.319	23.97
100	25.83	36.430	24.17
110	25.52	36.524	24.34
120	25.10	36.581	24.51
130	24.64	36.664	24.71
140	24.20	36.698	24.87
150	23.87	36.782	25.03
160	23.40	36.763	25.16
170	23.11	36.834	25.29
180	22.57	36.808	25.43
190	22.61	36.909	25.50
200	22.15	36.929	25.64
250	19.36	36.583	26.14
300	18.28	36.535	26.38
350	17.51	36.431	26.49
400	16.84	36.313	26.56
450	15.58	36.103	26.69
500	14.26	35.880	26.81
550	12.91	35.674	26.93
600	11.78	35.469	27.00
650	10.37	35.211	27.05
700	9.60	35.116	27.11
750	9.11	35.061	27.15
800	8.83	35.066	27.20
850	8.88	35.124	27.23
900	7.93	34.989	27.28
950	7.28	34.951	27.34
1000	6.95	34.955	27.39
1500	4.49	35.023	27.75
2000	3.73	34.989	27.81
2500	3.19	34.963	27.84
3000	2.78	34.937	27.86
3500	2.46	34.915	27.87
4000	2.34	34.904	27.87
4134	2.32	34.901	27.87

RES-STACS21-85 CTD 43 RESEARCHER
Date 08 22 85 Latitude 20.250 N
Time 1327 Z Longitude 66.112 W



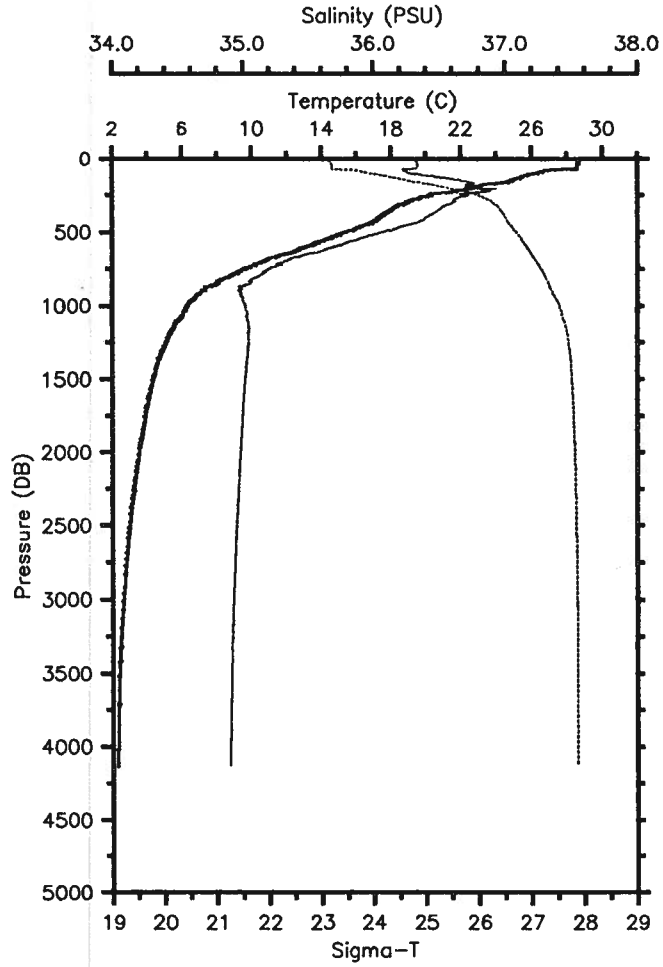
Prs	Tem	Sal	SigT
0	28.62	36.287	23.16
10	28.62	36.287	23.16
20	28.62	36.287	23.16
30	28.62	36.288	23.16
40	28.62	36.288	23.16
50	28.62	36.289	23.16
60	28.15	36.294	23.32
70	27.00	36.248	23.66
80	26.64	36.288	23.81
90	26.31	36.327	23.94
100	25.90	36.365	24.10
110	25.56	36.468	24.28
120	25.26	36.597	24.47
130	24.89	36.756	24.70
140	24.49	36.720	24.80
150	24.43	36.929	24.98
160	23.79	36.880	25.13
170	23.32	36.857	25.25
180	22.69	36.903	25.47
190	22.07	36.878	25.63
200	21.67	36.869	25.73
250	18.75	36.500	26.23
300	18.34	36.503	26.34
350	17.68	36.458	26.47
400	17.20	36.392	26.54
450	16.71	36.306	26.59
500	15.31	36.046	26.71
550	13.87	35.805	26.84
600	12.59	35.606	26.95
650	11.49	35.430	27.02
700	10.19	35.209	27.08
750	9.76	35.201	27.15
800	9.35	35.184	27.20
850	8.56	35.071	27.24
900	7.72	34.979	27.30
950	7.59	35.023	27.35
1000	7.10	35.009	27.41
1500	4.48	35.023	27.75
2000	3.67	34.989	27.81
2500	3.06	34.956	27.84
3000	2.64	34.928	27.86
3500	2.39	34.910	27.87
4000	2.30	34.901	27.87
4138	2.29	34.898	27.87

RES-STACS21-85 CTD 44 RESEARCHER
Date 08 22 85 Latitude 20.585 N
Time 1818 Z Longitude 66.080 W



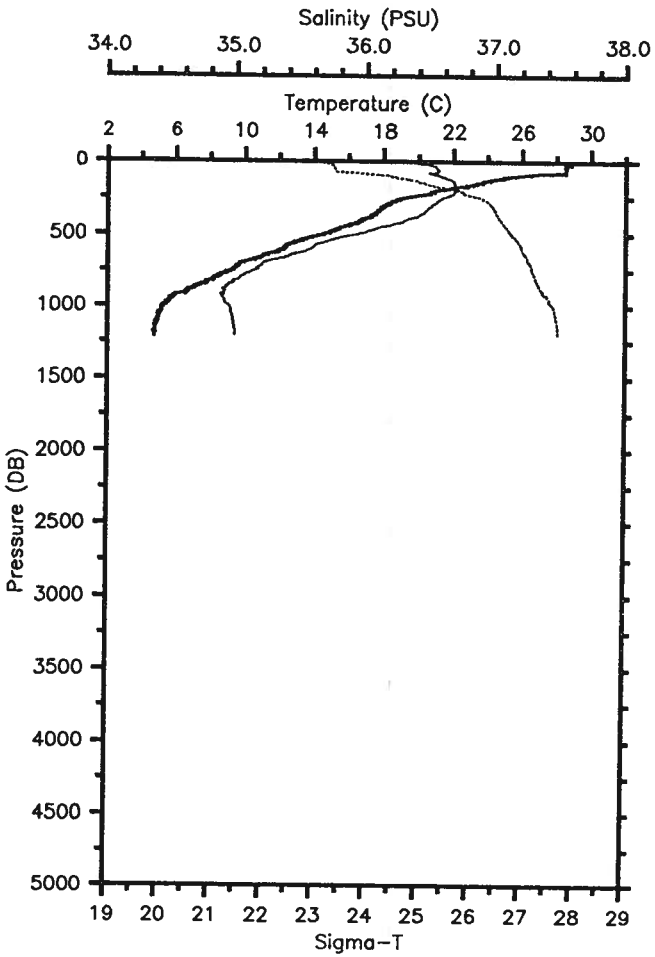
Prs	Tem	Sal	SigT
0	28.72	36.320	23.15
10	28.71	36.317	23.15
20	28.60	36.322	23.19
30	28.58	36.324	23.20
40	28.58	36.350	23.22
50	28.58	36.354	23.22
60	28.37	36.358	23.30
70	27.40	36.262	23.54
80	26.80	36.253	23.73
90	26.39	36.319	23.91
100	26.00	36.353	24.05
110	25.64	36.433	24.23
120	25.30	36.545	24.42
130	25.05	36.621	24.55
140	24.84	36.660	24.65
150	24.49	36.689	24.78
160	24.22	36.750	24.90
170	23.68	36.757	25.07
180	23.65	36.875	25.17
190	23.11	36.891	25.34
200	22.50	36.819	25.46
250	19.84	36.681	26.09
300	18.46	36.540	26.34
350	17.75	36.465	26.46
400	17.12	36.369	26.54
450	16.56	36.262	26.59
500	15.20	36.039	26.73
550	14.10	35.856	26.83
600	13.20	35.705	26.90
650	11.90	35.482	26.98
700	10.81	35.383	27.11
750	10.07	35.270	27.15
800	9.23	35.173	27.22
850	7.71	34.929	27.26
900	7.03	34.849	27.30
950	6.63	34.846	27.35
1000	6.95	35.004	27.43
1500	4.36	35.018	27.76
2000	3.60	34.984	27.81
2500	3.04	34.954	27.84
3000	2.65	34.928	27.86
3500	2.41	34.912	27.87
4000	2.32	34.901	27.87
4148	2.31	34.899	27.87

RES-STACS21-85 CTD 45 RESEARCHER
Date 08 22 85 Latitude 20.928 N
Time 2215 Z Longitude 66.115 W



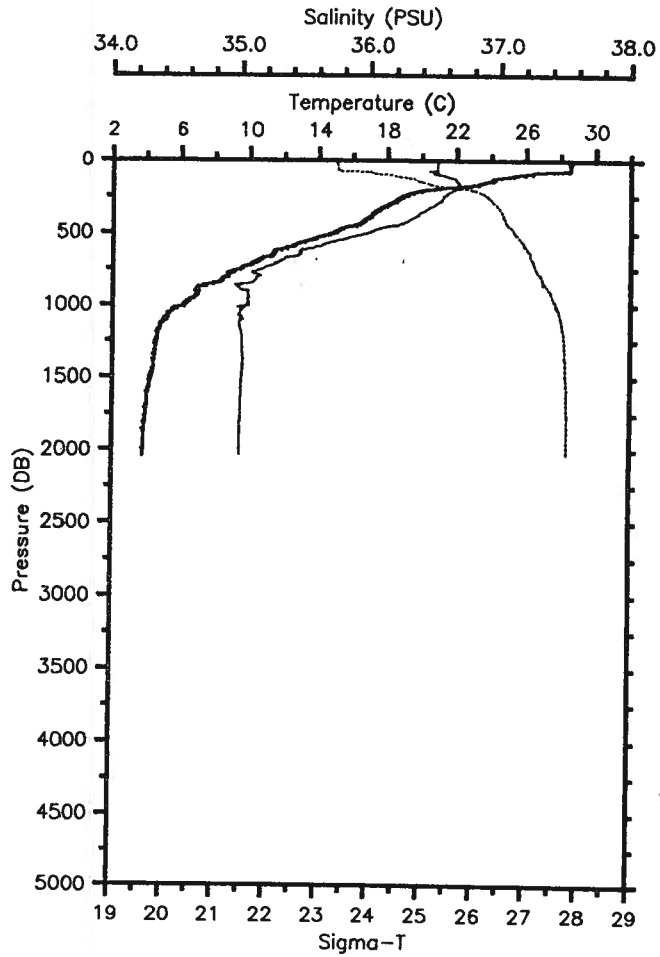
Prs	Tem	Sal	SigT
0	28.70	36.338	23.17
10	28.71	36.333	23.17
20	28.71	36.334	23.17
30	28.67	36.335	23.18
40	28.61	36.340	23.20
50	28.60	36.341	23.21
60	28.60	36.338	23.21
70	28.45	36.288	23.22
80	26.88	36.233	23.69
90	26.58	36.260	23.80
100	26.25	36.280	23.92
110	25.83	36.364	24.12
120	25.54	36.462	24.28
130	25.37	36.518	24.38
140	25.07	36.615	24.54
150	24.87	36.673	24.65
160	24.60	36.731	24.77
170	24.01	36.764	24.98
180	23.22	36.737	25.19
190	22.95	36.781	25.30
200	22.40	36.758	25.44
250	20.25	36.724	26.01
300	18.89	36.607	26.28
350	18.01	36.500	26.42
400	17.34	36.402	26.51
450	16.55	36.266	26.59
500	15.40	36.074	26.71
550	14.27	35.882	26.81
600	13.10	35.700	26.92
650	11.85	35.489	27.00
700	10.61	35.309	27.09
750	9.56	35.194	27.18
800	8.69	35.123	27.27
850	7.97	35.054	27.32
900	7.13	34.970	27.38
950	6.72	35.001	27.46
1000	6.30	35.019	27.53
1500	4.37	35.017	27.76
2000	3.55	34.983	27.82
2500	3.01	34.952	27.85
3000	2.64	34.928	27.86
3500	2.39	34.911	27.87
4000	2.31	34.902	27.87
4128	2.30	34.899	27.87

RES-STACS21-85 CTD 46 RESEARCHER
Date 08 24 85 Latitude 20.135 N
Time 1624 Z Longitude 72.957 W



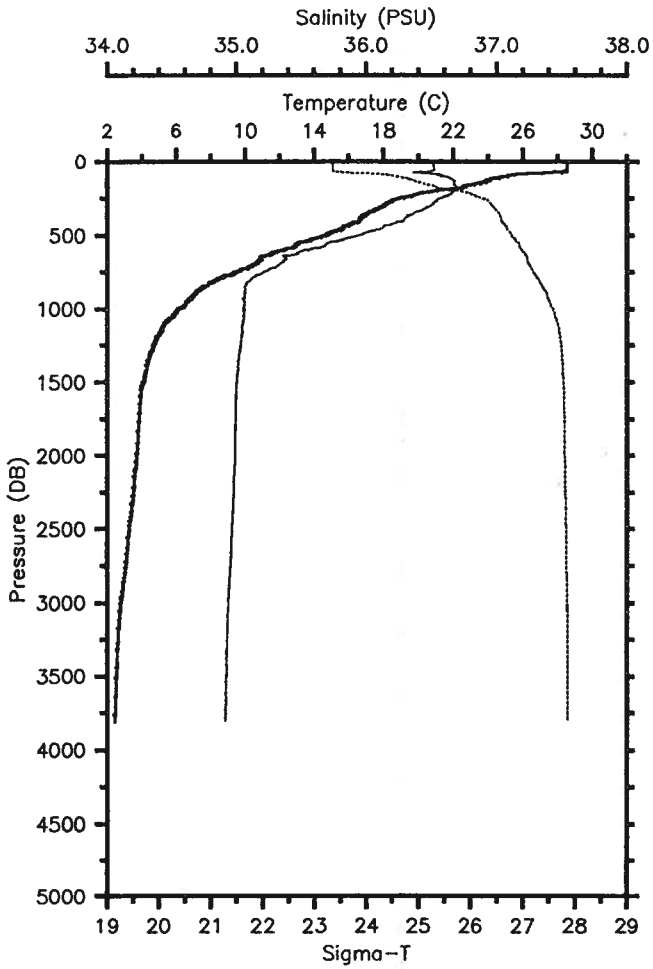
Prs	Tem	Sal	SigT
0	28.84	36.390	23.16
10	28.84	36.389	23.16
20	28.63	36.458	23.29
30	28.54	36.518	23.36
40	28.52	36.533	23.38
50	28.52	36.539	23.38
60	28.51	36.550	23.40
70	28.50	36.550	23.40
80	27.48	36.527	23.72
90	26.32	36.513	24.08
100	25.32	36.576	24.44
110	24.96	36.605	24.57
120	24.45	36.635	24.75
130	23.95	36.665	24.92
140	23.70	36.672	25.00
150	23.34	36.677	25.11
160	23.06	36.675	25.19
170	22.70	36.682	25.30
180	21.95	36.680	25.51
190	21.58	36.692	25.62
200	20.99	36.684	25.78
250	19.13	36.584	26.20
300	18.10	36.504	26.40
350	17.57	36.444	26.49
400	16.73	36.309	26.58
450	15.68	36.117	26.68
500	14.53	35.936	26.80
550	13.07	35.697	26.92
600	12.27	35.578	26.99
650	11.10	35.408	27.08
700	9.75	35.206	27.16
750	9.20	35.142	27.20
800	8.26	35.023	27.25
850	7.46	34.951	27.32
900	6.61	34.902	27.39
950	5.66	34.900	27.52
1000	5.27	34.949	27.60
1204	4.74	34.991	27.70

RES-STACS21-85 CTD 47 RESEARCHER
Date 08 24 85 Latitude 20.258 N
Time 1813 Z Longitude 72.990 W



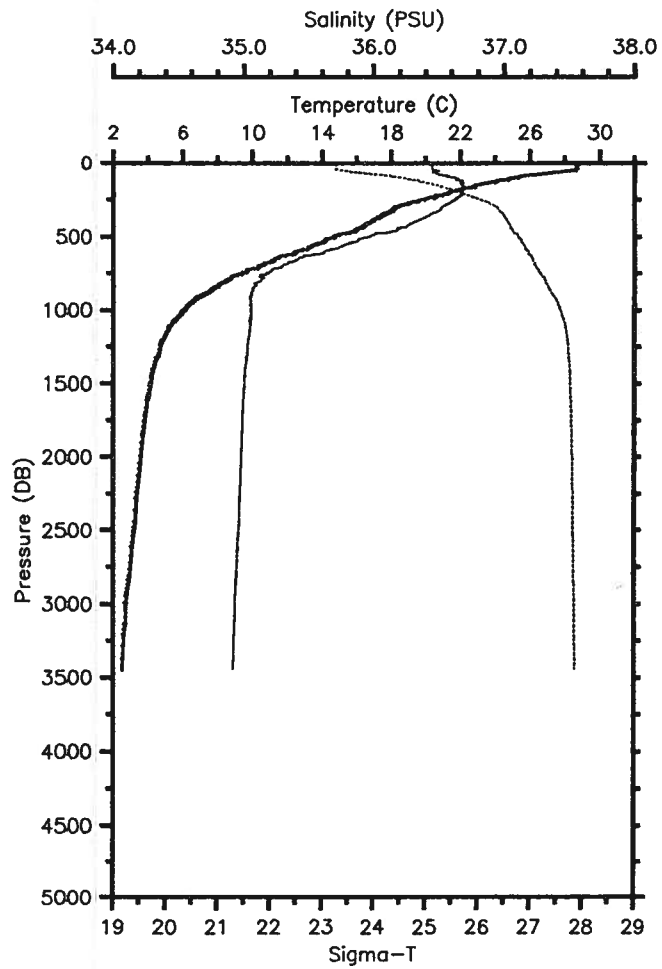
Prs	Tem	Sal	SigT
0	28.58	36.439	23.29
10	28.59	36.520	23.35
20	28.57	36.520	23.35
30	28.54	36.519	23.36
40	28.52	36.517	23.37
50	28.52	36.517	23.37
60	28.51	36.517	23.37
70	28.47	36.515	23.38
80	26.74	36.492	23.93
90	26.33	36.519	24.08
100	25.39	36.558	24.40
110	25.11	36.594	24.51
120	24.47	36.637	24.74
130	24.14	36.656	24.86
140	23.97	36.659	24.91
150	23.62	36.681	25.03
160	23.29	36.684	25.13
170	22.94	36.678	25.23
180	22.14	36.675	25.45
190	21.21	36.669	25.71
200	20.50	36.636	25.88
250	18.90	36.571	26.25
300	18.09	36.508	26.41
350	17.36	36.413	26.51
400	16.85	36.325	26.57
450	16.12	36.198	26.64
500	14.82	35.980	26.77
550	13.47	35.759	26.89
600	12.17	35.567	27.00
650	11.32	35.444	27.06
700	10.33	35.294	27.12
750	9.43	35.163	27.18
800	8.74	35.141	27.27
850	7.93	35.069	27.34
900	6.84	35.012	27.45
950	6.74	35.059	27.50
1000	6.17	35.056	27.58
1500	4.25	35.005	27.76
2000	3.82	34.991	27.80
2034	3.81	34.990	27.80

RES-STACS21-85 CTD 48 RESEARCHER
Date 08 25 85 Latitude 20.393 N
Time 0129 Z Longitude 73.042 W



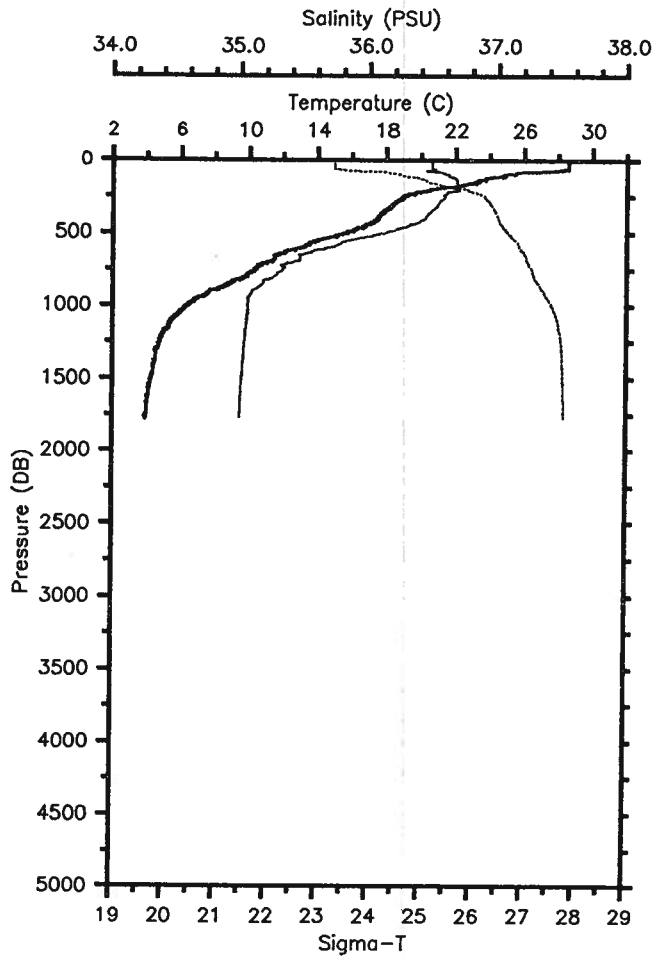
Prs	Tem	Sal	SigT
0	28.54	36.511	23.36
10	28.55	36.515	23.35
20	28.55	36.516	23.35
30	28.55	36.518	23.36
40	28.55	36.519	23.36
50	28.53	36.521	23.36
60	28.53	36.523	23.37
70	28.29	36.470	23.41
80	26.74	36.481	23.92
90	25.41	36.538	24.38
100	24.95	36.572	24.55
110	24.58	36.635	24.71
120	24.19	36.657	24.84
130	23.92	36.679	24.94
140	23.70	36.675	25.00
150	23.32	36.679	25.12
160	22.92	36.682	25.23
170	22.60	36.692	25.33
180	22.23	36.692	25.44
190	21.70	36.689	25.59
200	20.88	36.676	25.80
250	18.93	36.574	26.24
300	18.04	36.498	26.41
350	17.11	36.368	26.54
400	16.62	36.291	26.60
450	15.68	36.130	26.69
500	14.67	35.953	26.78
550	13.12	35.712	26.92
600	12.23	35.564	26.98
650	10.91	35.376	27.09
700	10.46	35.328	27.13
750	9.44	35.206	27.21
800	8.38	35.111	27.30
850	7.58	35.062	27.38
900	7.07	35.063	27.46
950	6.65	35.060	27.51
1000	6.13	35.060	27.58
1500	4.12	35.003	27.78
2000	3.72	34.988	27.81
2500	3.29	34.966	27.83
3000	2.79	34.934	27.85
3500	2.55	34.920	27.86
3802	2.47	34.914	27.86

RES-STACS21-85 CTD 49 RESEARCHER
Date 08 25 85 Latitude 20.545 N
Time 0516 Z Longitude 73.055 W



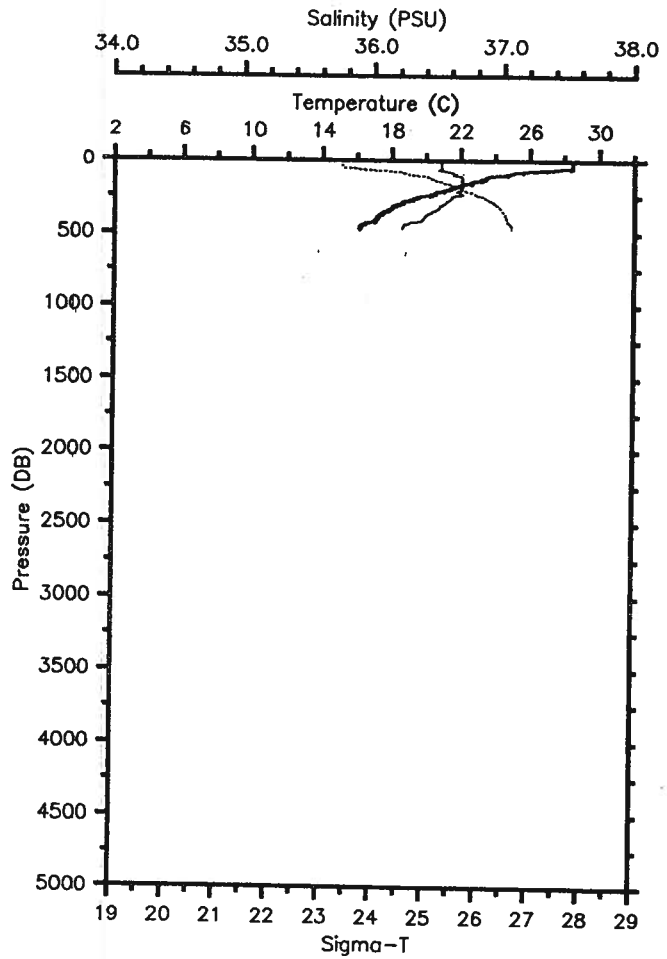
Prs	Tem	Sal	SigT
0	28.65	36.449	23.27
10	28.65	36.448	23.27
20	28.66	36.449	23.27
30	28.66	36.450	23.27
40	28.65	36.452	23.27
50	28.42	36.489	23.38
60	27.86	36.464	23.55
70	26.98	36.489	23.85
80	26.19	36.512	24.12
90	25.56	36.582	24.37
100	25.06	36.647	24.57
110	24.75	36.644	24.66
120	24.13	36.686	24.88
130	23.69	36.683	25.01
140	23.33	36.685	25.12
150	22.89	36.682	25.24
160	22.71	36.699	25.31
170	22.30	36.701	25.43
180	21.86	36.678	25.54
190	21.57	36.684	25.62
200	21.35	36.681	25.68
250	19.73	36.627	26.08
300	18.25	36.522	26.38
350	17.53	36.436	26.49
400	16.74	36.304	26.58
450	16.02	36.188	26.66
500	14.70	35.964	26.78
550	13.67	35.793	26.87
600	12.51	35.619	26.97
650	11.28	35.416	27.05
700	10.37	35.290	27.11
750	9.39	35.178	27.19
800	8.51	35.132	27.30
850	7.78	35.076	27.37
900	7.07	35.062	27.46
950	6.47	35.054	27.53
1000	6.07	35.057	27.59
1500	4.17	35.005	27.77
2000	3.60	34.984	27.81
2500	3.23	34.963	27.83
3000	2.74	34.934	27.86
3440	2.54	34.921	27.86

RES-STACS21-85 CTD 50 RESEARCHER
Date 08 25 85 Latitude 20.675 N
Time 0849 Z Longitude 73.100 W



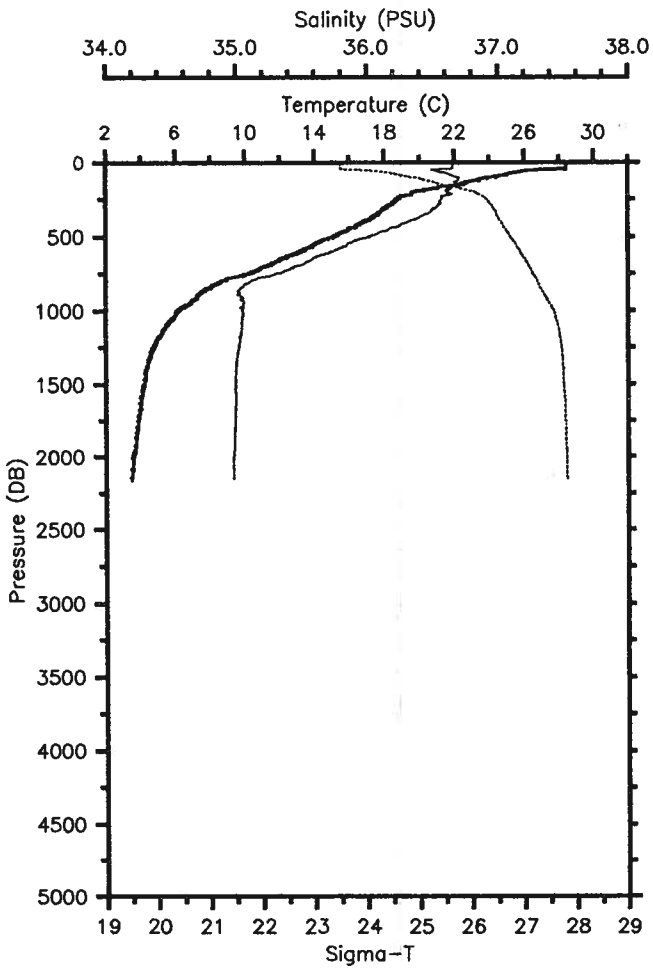
Prs	Tem	Sal	SigT
0	28.59	36.483	23.32
10	28.60	36.483	23.32
20	28.58	36.484	23.32
30	28.58	36.485	23.32
40	28.58	36.485	23.32
50	28.58	36.484	23.32
60	28.59	36.480	23.32
70	28.01	36.497	23.52
80	26.68	36.489	23.94
90	25.49	36.582	24.39
100	24.91	36.616	24.59
110	24.78	36.618	24.63
120	23.97	36.658	24.91
130	23.76	36.674	24.98
140	23.40	36.678	25.09
150	23.22	36.679	25.15
160	22.83	36.681	25.26
170	22.41	36.687	25.38
180	22.00	36.659	25.48
190	21.21	36.671	25.71
200	20.67	36.683	25.87
250	19.01	36.584	26.23
300	18.41	36.536	26.35
350	17.87	36.481	26.44
400	17.52	36.429	26.49
450	16.75	36.307	26.58
500	15.67	36.118	26.68
550	14.01	35.839	26.84
600	13.01	35.693	26.93
650	11.60	35.447	27.01
700	11.07	35.413	27.09
750	10.30	35.330	27.16
800	9.72	35.255	27.20
850	8.75	35.169	27.29
900	7.66	35.088	27.39
950	6.92	35.057	27.48
1000	6.37	35.046	27.54
1500	4.25	35.007	27.77
1772	3.94	34.994	27.79

RES-STACS21-85 CTD 51 RESEARCHER
Date 08 25 85 Latitude 20.795 N
Time 1426 Z Longitude 73.130 W



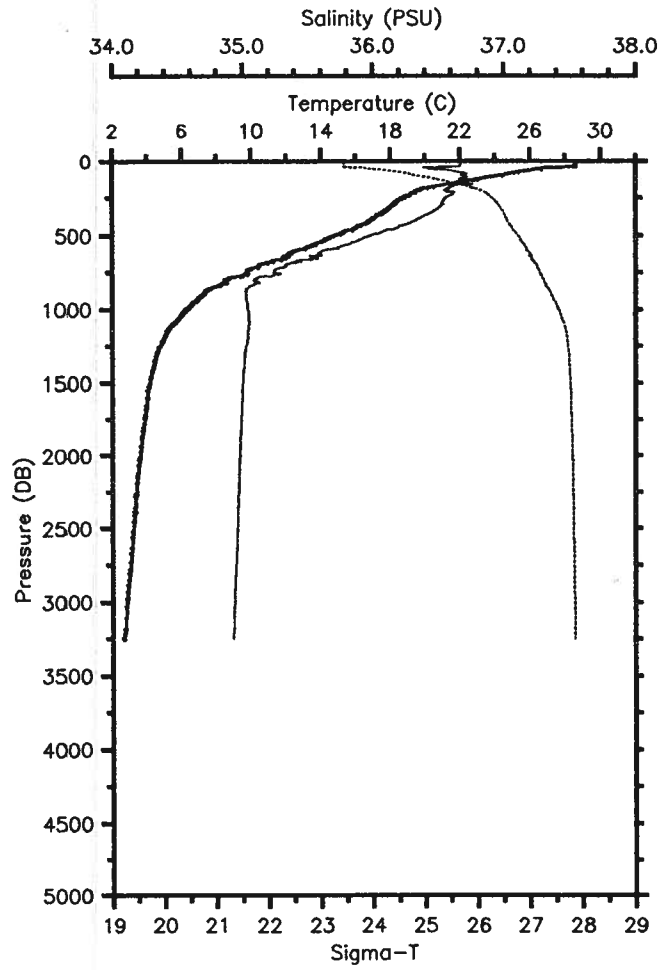
Prs	Tem	Sal	SigT
0	28.47	36.517	23.38
10	28.47	36.516	23.38
20	28.47	36.518	23.38
30	28.47	36.518	23.38
40	28.47	36.518	23.38
50	28.42	36.514	23.40
60	27.55	36.514	23.68
70	26.34	36.535	24.09
80	25.31	36.583	24.44
90	24.91	36.614	24.59
100	24.63	36.631	24.69
110	23.66	36.668	25.01
120	23.48	36.679	25.07
130	23.27	36.681	25.13
140	22.98	36.661	25.20
150	22.65	36.685	25.32
160	22.34	36.678	25.40
170	22.04	36.682	25.49
180	21.70	36.671	25.57
190	21.46	36.675	25.64
200	21.24	36.874	25.70
250	19.56	36.600	26.10
300	18.49	36.542	26.33
350	17.63	36.444	26.47
400	17.12	36.374	26.54
450	16.21	36.222	26.64
466	16.15	36.214	26.65

RES-STACS21-85 CTD 52 RESEARCHER
Date 08 25 85 Latitude 22.430 N
Time 2349 Z Longitude 72.767 W



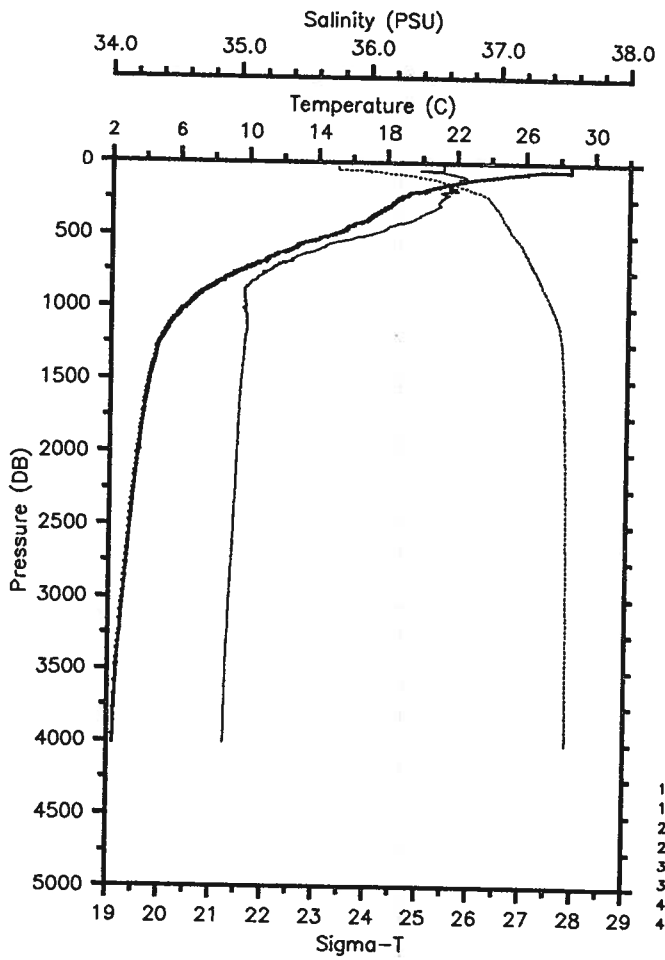
Prs	Tem	Sal	SigT
0	28.42	36.658	23.51
10	28.42	36.660	23.51
20	28.43	36.660	23.50
30	28.43	36.660	23.50
40	28.43	36.661	23.51
50	27.05	36.500	23.83
60	25.99	36.542	24.20
70	25.39	36.605	24.44
80	25.04	36.635	24.57
90	24.68	36.660	24.70
100	24.15	36.709	24.89
110	23.66	36.704	25.04
120	23.38	36.701	25.12
130	22.90	36.679	25.24
140	22.63	36.680	25.32
150	22.38	36.742	25.44
160	21.84	36.683	25.54
170	21.10	36.653	25.73
180	20.70	36.637	25.82
190	20.26	36.635	25.94
200	19.73	36.616	26.07
250	18.72	36.570	26.29
300	18.15	36.532	26.41
350	17.63	36.449	26.48
400	16.83	36.320	26.57
450	15.94	36.168	26.66
500	15.08	36.030	26.75
550	13.99	35.854	26.85
600	13.15	35.731	26.93
650	12.03	35.583	27.04
700	11.12	35.446	27.10
750	10.05	35.305	27.18
800	8.67	35.116	27.26
850	7.82	35.036	27.33
900	7.33	35.039	27.40
950	6.84	35.062	27.49
1000	6.18	35.049	27.57
1500	4.23	34.995	27.76
2000	3.61	34.982	27.81
2150	3.51	34.978	27.82

RES-STACS21-85 CTD 53 RESEARCHER
Date 08 26 85 Latitude 22.505 N
Time 0153 Z Longitude 72.745 W



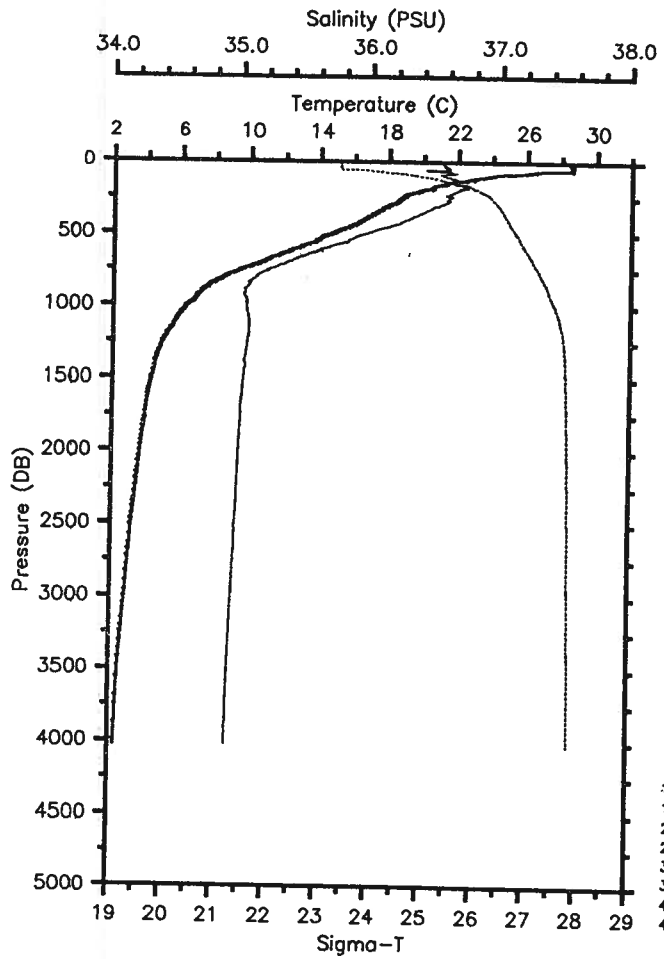
Prs	Tem	Sal	SigT
0	28.62	36.674	23.45
10	28.63	36.674	23.45
20	28.63	36.676	23.45
30	28.62	36.672	23.45
40	28.51	36.643	23.46
50	26.67	36.431	23.90
60	26.21	36.562	24.15
70	25.49	36.628	24.42
80	25.11	36.686	24.58
90	24.65	36.719	24.75
100	24.14	36.705	24.89
110	23.60	36.723	25.07
120	23.06	36.670	25.19
130	22.84	36.741	25.30
140	22.24	36.697	25.44
150	21.71	36.676	25.58
160	21.29	36.673	25.69
170	20.66	36.597	25.80
180	20.26	36.586	25.90
190	19.85	36.575	26.01
200	19.51	36.556	26.08
250	18.71	36.563	26.29
300	18.12	36.530	26.42
350	17.57	36.453	26.49
400	16.86	36.337	26.58
450	16.01	36.186	26.66
500	14.80	35.991	26.78
550	13.80	35.835	26.88
600	12.59	35.626	26.96
650	11.94	35.573	27.05
700	10.44	35.329	27.13
750	9.75	35.244	27.19
800	8.53	35.091	27.26
850	7.85	35.051	27.34
900	7.22	35.036	27.42
950	6.71	35.039	27.49
1000	6.29	35.042	27.55
1500	4.19	35.005	27.77
2000	3.63	34.982	27.81
2500	3.23	34.962	27.83
3000	2.83	34.937	27.85
3250	2.67	34.927	27.86

RES-STACS21-85 CTD 54 RESEARCHER
Date 08 26 85 Latitude 22.585 N
Time 0428 Z Longitude 72.687 W



Prs	Tem	Sal	SigT
0	28.55	36.556	23.39
10	28.58	36.557	23.38
20	28.59	36.561	23.38
30	28.59	36.562	23.38
40	28.58	36.561	23.38
50	28.59	36.561	23.38
60	26.53	36.438	23.95
70	26.01	36.574	24.22
80	25.13	36.660	24.56
90	24.54	36.714	24.78
100	23.95	36.727	24.97
110	23.19	36.711	25.18
120	22.71	36.691	25.30
130	22.38	36.688	25.40
140	21.88	36.640	25.50
150	21.41	36.627	25.62
160	21.12	36.616	25.69
170	20.76	36.604	25.78
180	20.44	36.633	25.89
190	20.23	36.642	25.95
200	19.85	36.606	26.03
250	18.65	36.553	26.30
300	18.17	36.538	26.41
350	17.36	36.420	26.52
400	16.81	36.324	26.58
450	15.72	36.142	26.69
500	14.88	36.006	26.78
550	13.47	35.767	26.89
600	12.51	35.619	26.97
650	11.44	35.456	27.05
700	10.62	35.352	27.12
750	9.59	35.236	27.21
800	8.67	35.131	27.27
850	8.03	35.072	27.33
900	7.32	35.034	27.40
950	6.87	35.039	27.47
1000	6.40	35.047	27.54
1500	4.29	35.017	27.77
2000	3.66	34.988	27.81
2500	3.21	34.964	27.84
3000	2.84	34.938	27.85
3500	2.50	34.917	27.86
4000	2.35	34.903	27.87
4004	2.35	34.904	27.87

RES-STACS21-85 CTD 55 RESEARCHER
Date 08 26 85 Latitude 22.657 N
Time 0728 Z Longitude 72.665 W

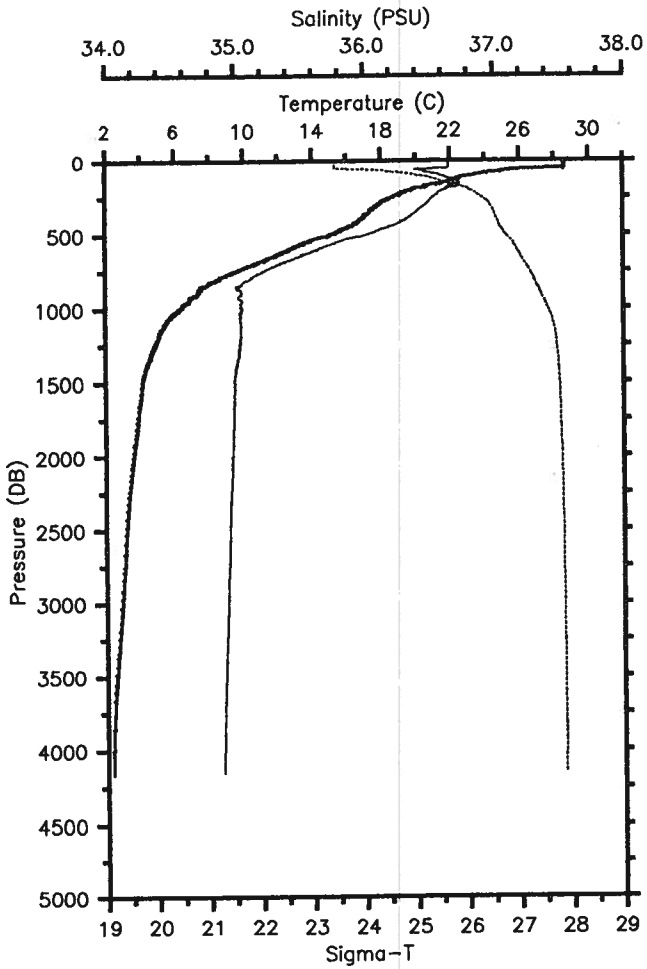


Prs	Tem	Sal	SigT
0	28.52	36.570	23.40
10	28.56	36.559	23.39
20	28.54	36.549	23.38
30	28.58	36.571	23.39
40	28.61	36.594	23.39
50	28.60	36.600	23.40
60	26.98	36.415	23.79
70	26.25	36.610	24.17
80	25.44	36.641	24.45
90	24.24	36.526	24.73
100	23.66	36.562	24.93
110	23.15	36.614	25.12
120	22.69	36.620	25.26
130	22.24	36.650	25.41
140	21.54	36.618	25.58
150	21.29	36.648	25.67
160	21.10	36.723	25.78
170	20.63	36.711	25.90
180	20.52	36.736	25.95
190	20.11	36.686	26.02
200	19.79	36.662	26.09
250	18.75	36.594	26.31
300	18.06	36.526	26.43
350	17.32	36.402	26.52
400	16.57	36.281	26.60
450	15.72	36.140	26.69
500	14.69	35.957	26.78
550	13.80	35.820	26.87
600	12.74	35.651	26.95
650	11.64	35.490	27.04
700	10.56	35.341	27.12
750	9.41	35.211	27.22
800	8.49	35.116	27.29
850	7.66	35.059	27.37
900	7.15	35.023	27.42
950	6.79	35.034	27.47
1000	6.29	35.029	27.54
1500	4.29	35.015	27.77
2000	3.64	34.984	27.81
2500	3.19	34.961	27.84
3000	2.85	34.938	27.85
3500	2.52	34.918	27.86
4000	2.35	34.904	27.87
4018	2.34	34.903	27.87

RES-STACS21-85 CTD 56 RESEARCHER

Date 08 26 85 Latitude 22.817 N

Time 1109 Z Longitude 72.617 W

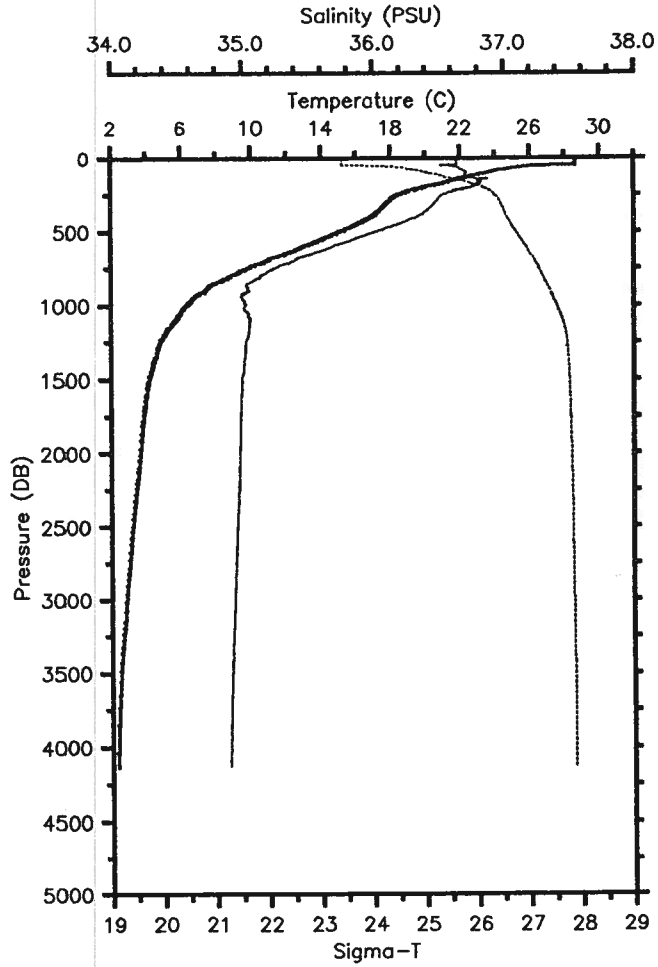


Prs	Tem	Sal	SigT
0	28.61	36.656	23.44
10	28.59	36.657	23.45
20	28.60	36.657	23.45
30	28.60	36.657	23.44
40	28.60	36.657	23.45
50	28.59	36.656	23.45
60	26.33	36.434	24.01
70	25.09	36.468	24.43
80	24.48	36.512	24.64
90	23.81	36.564	24.88
100	23.33	36.601	25.05
110	22.80	36.630	25.23
120	22.49	36.656	25.34
130	22.25	36.678	25.42
140	22.03	36.733	25.53
150	21.73	36.747	25.62
160	21.18	36.706	25.74
170	20.70	36.659	25.84
180	20.57	36.729	25.93
190	19.98	36.647	26.02
200	19.79	36.626	26.06
250	18.63	36.544	26.30
300	17.85	36.483	26.45
350	17.33	36.412	26.52
400	16.80	36.326	26.58
450	16.07	36.198	26.65
500	15.13	36.035	26.74
550	13.66	35.790	26.87
600	12.69	35.651	26.96
650	11.73	35.499	27.03
700	10.61	35.357	27.12
750	9.49	35.215	27.21
800	8.57	35.120	27.28
850	7.61	35.031	27.36
900	7.38	35.057	27.41
950	6.87	35.059	27.48
1000	6.36	35.056	27.55
1500	4.17	35.005	27.77
2000	3.63	34.983	27.81
2500	3.22	34.961	27.83
3000	2.93	34.942	27.85
3500	2.57	34.921	27.86
4000	2.36	34.906	27.87
4152	2.34	34.902	27.87

RES-STACS21-85 CTD 57 RESEARCHER

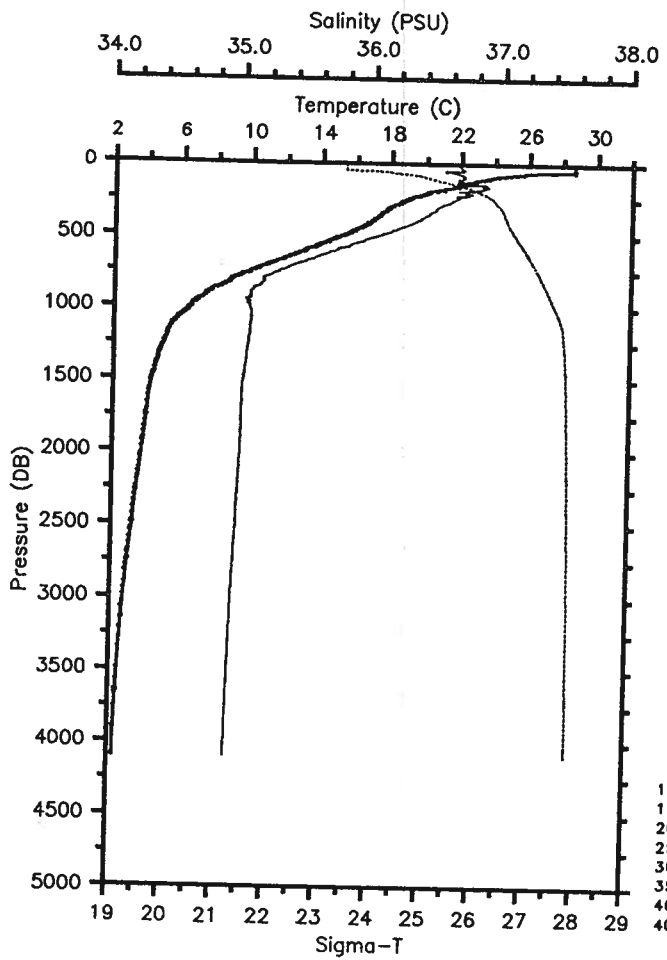
Date 08 26 85 Latitude 23.087 N

Time 1532 Z Longitude 72.507 W



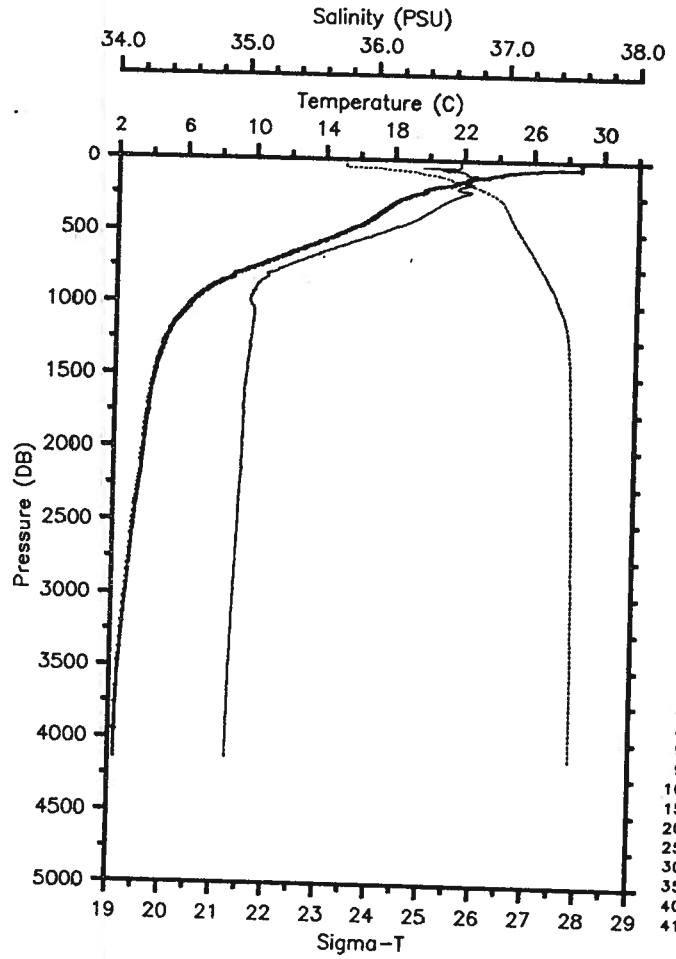
Prs	Tem	Sal	SigT
0	28.65	36.646	23.42
10	28.66	36.643	23.42
20	28.66	36.644	23.41
30	28.67	36.645	23.41
40	28.68	36.644	23.41
50	27.41	36.588	23.78
60	25.66	36.649	24.39
70	24.98	36.672	24.61
80	24.39	36.685	24.80
90	23.96	36.705	24.95
100	23.55	36.724	25.08
110	23.14	36.706	25.19
120	22.69	36.708	25.32
130	22.38	36.698	25.40
140	22.06	36.832	25.60
150	21.68	36.822	25.69
160	21.33	36.830	25.80
170	20.99	36.802	25.87
180	20.59	36.815	25.99
190	20.16	36.784	26.08
200	19.91	36.752	26.12
250	18.44	36.536	26.34
300	17.84	36.482	26.45
350	17.39	36.419	26.51
400	16.90	36.340	26.57
450	16.05	36.189	26.65
500	15.06	36.024	26.75
550	14.07	35.860	26.84
600	13.00	35.693	26.93
650	11.96	35.534	27.01
700	10.84	35.390	27.11
750	9.74	35.253	27.19
800	8.82	35.139	27.26
850	7.86	35.042	27.33
900	7.39	35.061	27.41
950	6.74	35.004	27.46
1000	6.31	35.021	27.53
1500	4.22	35.002	27.76
2000	3.70	34.983	27.80
2500	3.24	34.962	27.83
3000	2.86	34.939	27.85
3500	2.52	34.917	27.86
4000	2.35	34.905	27.87
4128	2.33	34.901	27.87

RES-STACS21-85 CTD 58 RESEARCHER
Date 08 26 85 Latitude 23.355 N
Time 1912 Z Longitude 72.400 W



Prs	Tem	Sal	SigT
0	28.61	36.658	23.44
10	28.61	36.657	23.44
20	28.61	36.657	23.44
30	28.63	36.667	23.44
40	28.65	36.681	23.45
50	28.27	36.541	23.47
60	25.90	36.596	24.27
70	25.28	36.658	24.51
80	24.42	36.671	24.78
90	23.88	36.678	24.95
100	23.55	36.681	25.05
110	23.07	36.645	25.16
120	22.76	36.667	25.27
130	22.12	36.632	25.43
140	22.06	36.730	25.52
150	21.90	36.830	25.64
160	21.65	36.876	25.74
170	21.03	36.828	25.88
180	20.69	36.756	25.92
190	20.23	36.707	26.00
200	20.06	36.707	26.05
250	18.86	36.619	26.30
300	17.96	36.500	26.43
350	17.39	36.423	26.51
400	16.83	36.328	26.57
450	16.06	36.193	26.65
500	15.16	36.036	26.74
550	14.09	35.871	26.84
600	13.05	35.714	26.94
650	12.06	35.560	27.01
700	10.93	35.409	27.11
750	9.89	35.277	27.19
800	8.87	35.152	27.26
850	8.26	35.130	27.34
900	7.42	35.048	27.40
950	6.83	35.032	27.47
1000	6.43	35.048	27.53
1500	4.24	35.004	27.76
2000	3.71	34.987	27.81
2500	3.23	34.963	27.83
3000	2.78	34.935	27.85
3500	2.51	34.917	27.86
4000	2.34	34.904	27.87
4098	2.33	34.901	27.87

RES-STACS21-85 CTD 59 RESEARCHER
Date 08 26 85 Latitude 23.665 N
Time 2352 Z Longitude 72.278 W

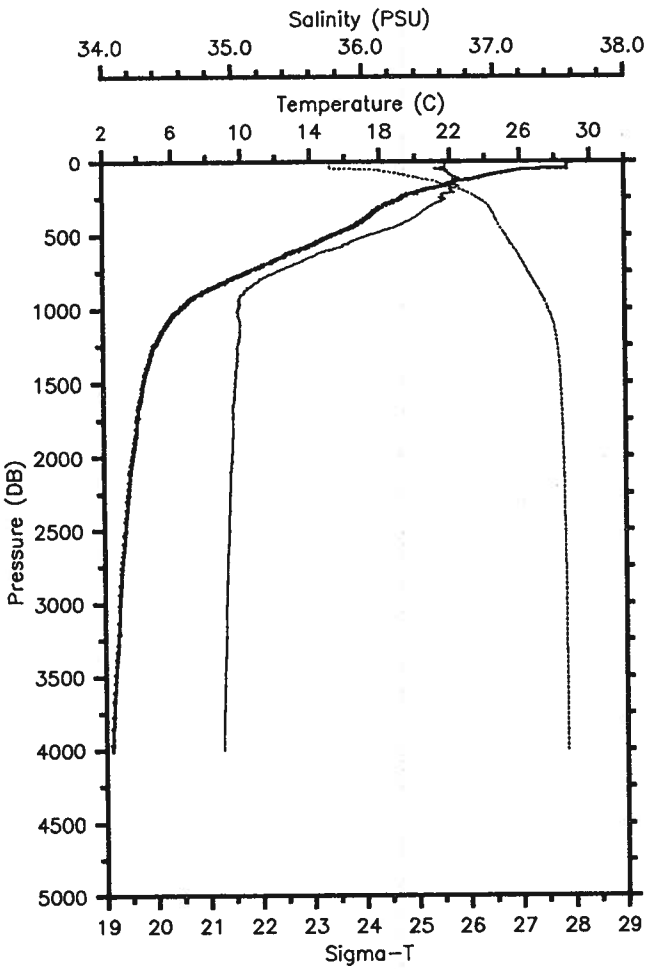


Prs	Tem	Sal	SigT
0	28.73	36.635	23.39
10	28.73	36.635	23.39
20	28.71	36.635	23.39
30	28.72	36.635	23.39
40	28.72	36.636	23.39
50	28.72	36.636	23.39
60	26.50	36.554	24.05
70	25.53	36.496	24.31
80	24.70	36.638	24.67
90	24.29	36.687	24.83
100	23.86	36.682	24.96
110	23.49	36.797	25.16
120	22.91	36.726	25.27
130	22.44	36.697	25.38
140	22.24	36.695	25.44
150	21.82	36.679	25.55
160	21.53	36.690	25.63
170	21.38	36.723	25.70
180	20.80	36.684	25.83
190	20.34	36.639	25.92
200	19.94	36.622	26.02
250	18.94	36.631	26.29
300	17.99	36.510	26.43
350	17.41	36.422	26.51
400	16.83	36.331	26.58
450	16.14	36.211	26.65
500	15.23	36.060	26.74
550	14.25	35.895	26.83
600	13.24	35.741	26.92
650	12.18	35.581	27.01
700	11.17	35.447	27.09
750	10.09	35.305	27.18
800	8.93	35.158	27.25
850	8.19	35.119	27.34
900	7.43	35.070	27.41
950	6.89	35.051	27.47
1000	6.38	35.033	27.53
1500	4.29	35.012	27.77
2000	3.72	34.988	27.81
2500	3.21	34.963	27.84
3000	2.81	34.937	27.85
3500	2.48	34.916	27.86
4000	2.34	34.904	27.87
4130	2.32	34.901	27.87

RES-STACS21-85 CTD 60 RESEARCHER

Date 08 27 85 Latitude 23.952 N

Time 0353 Z Longitude 72.188 W

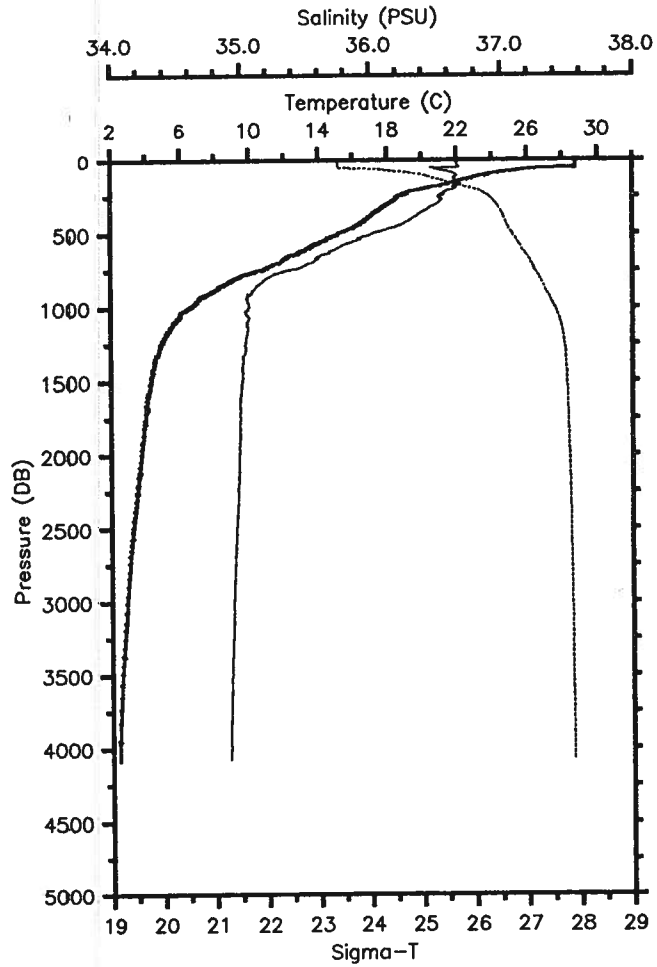


Prs	Tem	Sal	SigT
0	28.74	36.627	23.37
10	28.73	36.634	23.38
20	28.73	36.635	23.39
30	28.73	36.635	23.38
40	28.74	36.635	23.38
50	27.49	36.551	23.73
60	25.89	36.634	24.30
70	25.39	36.641	24.46
80	24.90	36.658	24.63
90	24.48	36.671	24.77
100	24.09	36.694	24.90
110	23.77	36.711	25.01
120	23.40	36.739	25.14
130	22.81	36.730	25.30
140	22.31	36.690	25.42
150	21.99	36.668	25.49
160	21.67	36.659	25.57
170	21.64	36.740	25.64
180	21.20	36.714	25.75
190	20.70	36.668	25.85
200	20.42	36.679	25.93
250	19.21	36.620	26.21
300	18.18	36.529	26.40
350	17.59	36.451	26.49
400	17.04	36.366	26.55
450	16.32	36.239	26.63
500	15.22	36.052	26.73
550	14.36	35.906	26.81
600	13.36	35.770	26.92
650	12.35	35.604	26.99
700	11.31	35.471	27.09
750	10.31	35.336	27.16
800	9.28	35.213	27.24
850	8.40	35.139	27.32
900	7.57	35.071	27.39
950	6.91	35.058	27.48
1000	6.45	35.042	27.53
1500	4.33	35.016	27.76
2000	3.69	34.989	27.81
2500	3.24	34.963	27.83
3000	2.87	34.939	27.85
3500	2.60	34.922	27.86
4000	2.40	34.907	27.86

RES-STACS21-85 CTD 61 RESEARCHER

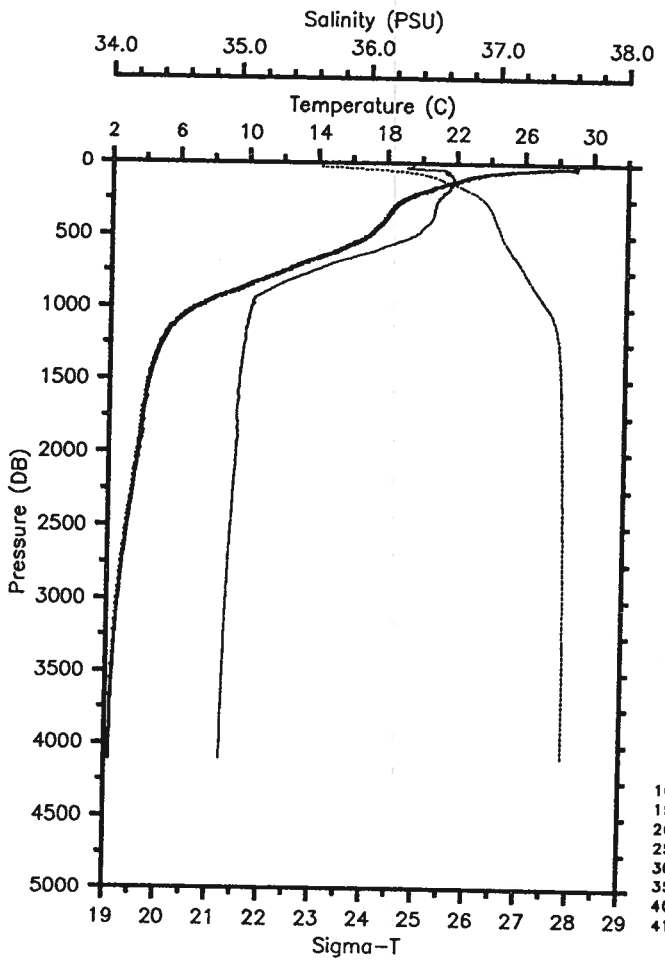
Date 08 27 85 Latitude 24.283 N

Time 0800 Z Longitude 72.027 W



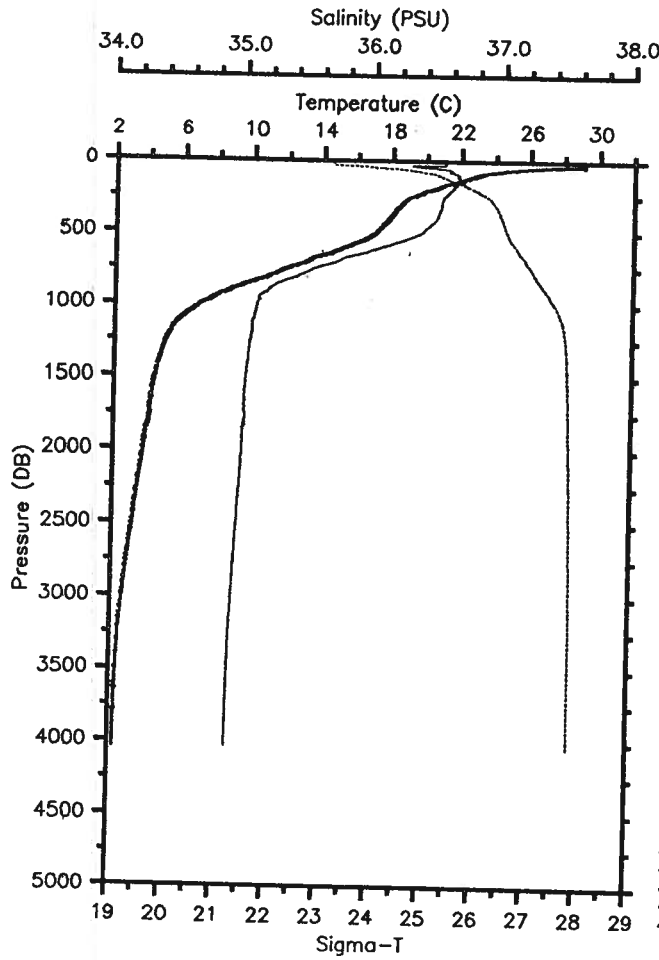
Prs	Tem	Sal	SigT
0	28.77	36.600	23.35
10	28.77	36.666	23.40
20	28.77	36.669	23.40
30	28.78	36.673	23.40
40	28.79	36.678	23.40
50	28.75	36.681	23.41
60	26.83	36.496	23.90
70	25.61	36.554	24.33
80	25.07	36.615	24.54
90	24.30	36.643	24.80
100	23.76	36.673	24.98
110	23.35	36.671	25.10
120	22.98	36.661	25.20
130	22.64	36.657	25.30
140	22.25	36.651	25.40
150	21.93	36.649	25.49
160	21.53	36.637	25.60
170	21.23	36.650	25.69
180	20.77	36.641	25.81
190	20.40	36.663	25.93
200	19.99	36.648	26.02
250	18.64	36.535	26.29
300	18.05	36.519	26.43
350	17.38	36.413	26.51
400	16.85	36.332	26.57
450	16.24	36.224	26.63
500	15.18	36.023	26.72
550	14.30	35.886	26.81
600	13.34	35.742	26.90
650	12.33	35.621	27.01
700	11.56	35.527	27.08
750	10.37	35.335	27.15
800	9.23	35.209	27.24
850	8.37	35.126	27.32
900	7.73	35.091	27.39
950	7.04	35.056	27.46
1000	6.53	35.066	27.54
1500	4.35	35.013	27.76
2000	3.75	34.989	27.80
2500	3.28	34.965	27.83
3000	2.90	34.941	27.85
3500	2.59	34.922	27.86
4000	2.41	34.908	27.86
4076	2.39	34.905	27.86

RES-STACS21-85 CTD 62 RESEARCHER
Date 08 28 85 Latitude 26.568 N
Time 0516 Z Longitude 76.310 W



Prs	Tem	Sal	SigT
0	28.99	36.329	23.07
10	29.00	36.328	23.06
20	29.00	36.330	23.07
30	28.99	36.313	23.06
40	26.98	36.317	23.72
50	25.73	36.566	24.30
60	24.86	36.597	24.59
70	23.90	36.591	24.88
80	23.46	36.623	25.03
90	23.04	36.632	25.16
100	22.67	36.651	25.28
110	22.41	36.643	25.35
120	22.16	36.639	25.42
130	21.84	36.640	25.51
140	21.54	36.634	25.59
150	21.24	36.638	25.68
160	20.99	36.620	25.73
170	20.71	36.613	25.80
180	20.52	36.618	25.86
190	20.24	36.599	25.92
200	19.96	36.566	25.97
250	18.98	36.530	26.20
300	18.46	36.511	26.32
350	18.13	36.494	26.38
400	17.84	36.472	26.44
450	17.40	36.414	26.51
500	17.00	36.357	26.56
550	16.22	36.206	26.62
600	15.34	36.067	26.72
650	14.19	35.882	26.83
700	13.11	35.712	26.92
750	12.12	35.569	27.01
800	11.07	35.431	27.10
850	10.01	35.300	27.18
900	9.01	35.194	27.27
950	7.86	35.114	27.38
1000	7.03	35.090	27.49
1500	4.34	35.013	27.76
2000	3.71	34.992	27.81
2500	3.13	34.956	27.84
3000	2.68	34.928	27.86
3500	2.39	34.910	27.87
4000	2.28	34.900	27.87
4102	2.28	34.897	27.87

RES-STACS21-85 CTD 63 RESEARCHER
Date 08 28 85 Latitude 26.512 N
Time 1336 Z Longitude 76.377 W

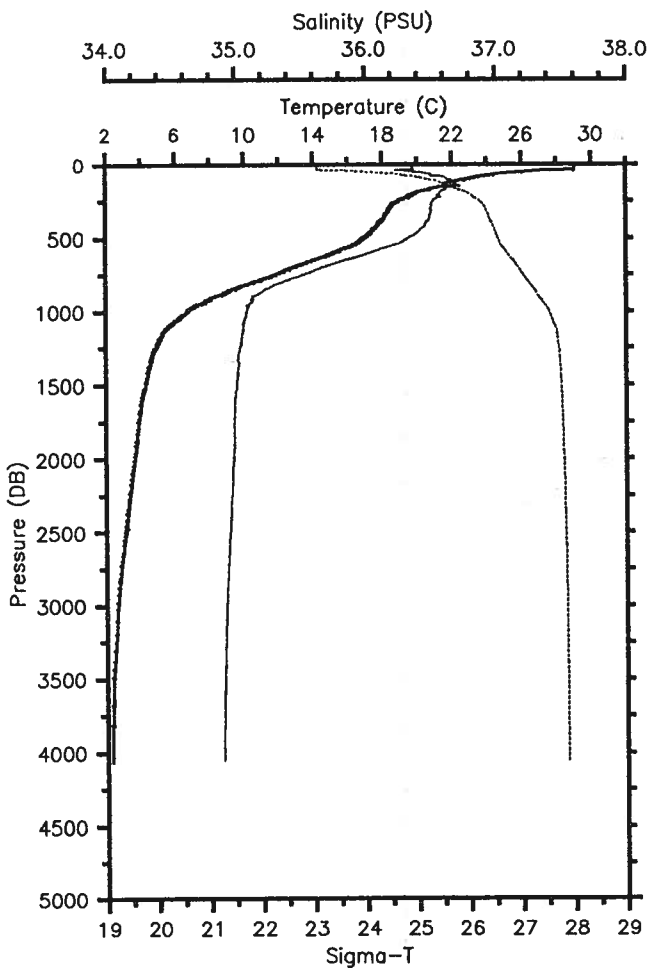


Prs	Tem	Sal	SigT
0	29.12	36.543	23.19
10	29.12	36.543	23.19
20	29.12	36.542	23.19
30	29.10	36.537	23.19
40	26.97	36.335	23.74
50	25.97	36.489	24.17
60	25.03	36.569	24.52
70	24.26	36.594	24.77
80	23.63	36.609	24.97
90	23.10	36.631	25.14
100	22.89	36.648	25.22
110	22.61	36.637	25.29
120	22.40	36.651	25.36
130	22.14	36.645	25.43
140	21.87	36.632	25.50
150	21.51	36.633	25.60
160	21.21	36.627	25.68
170	20.94	36.612	25.74
180	20.72	36.608	25.80
190	20.48	36.596	25.85
200	20.25	36.596	25.92
250	19.11	36.537	26.17
300	18.53	36.514	26.30
350	18.16	36.501	26.38
400	17.85	36.477	26.44
450	17.45	36.426	26.50
500	17.06	36.365	26.55
550	16.36	36.234	26.61
600	15.29	36.080	26.73
650	14.21	35.878	26.82
700	13.10	35.712	26.93
750	11.90	35.539	27.03
800	10.94	35.414	27.11
850	9.77	35.272	27.20
900	8.67	35.182	27.31
950	7.70	35.109	27.40
1000	6.90	35.093	27.51
1500	4.37	35.014	27.76
2000	3.76	34.992	27.81
2500	3.18	34.960	27.84
3000	2.66	34.928	27.86
3500	2.38	34.910	27.87
4000	2.29	34.901	27.87
4032	2.29	34.899	27.87

RES-STACS21-85 CTD 64 RESEARCHER

Date 08 28 85 Latitude 26.542 N

Time 2125 Z Longitude 76.522 W

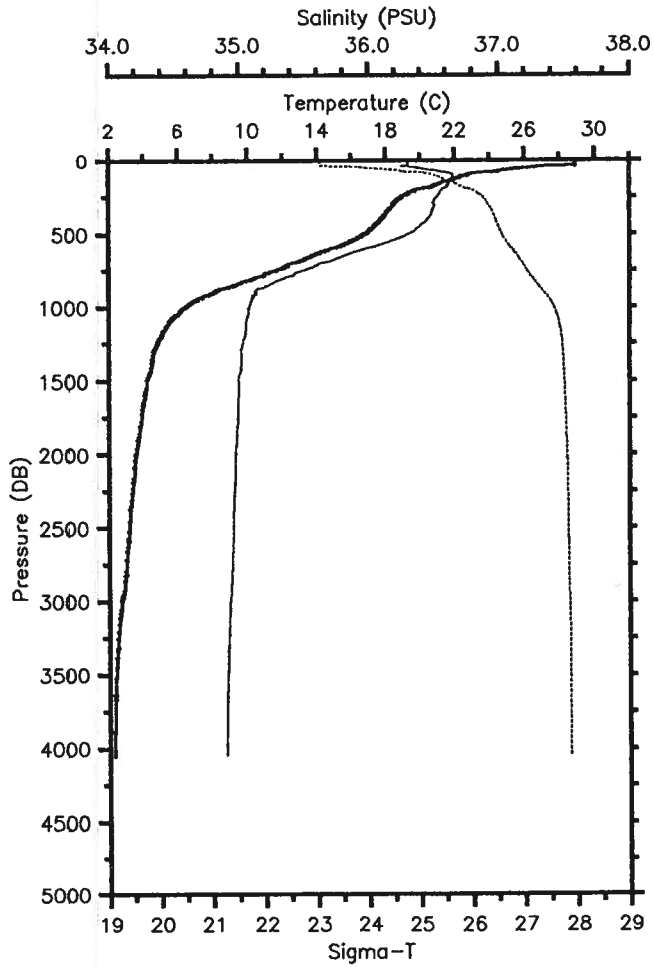


Prs	Tem	Sal	SigT
0	29.06	36.370	23.08
10	29.05	36.365	23.08
20	29.04	36.366	23.08
30	29.03	36.369	23.08
40	28.22	36.237	23.25
50	26.30	36.359	23.97
60	25.40	36.451	24.32
70	24.47	36.508	24.65
80	23.91	36.539	24.83
90	23.40	36.622	25.05
100	22.91	36.638	25.21
110	22.45	36.641	25.34
120	22.11	36.647	25.44
130	21.73	36.626	25.53
140	21.61	36.702	25.62
150	21.56	36.722	25.65
160	21.06	36.624	25.71
170	20.81	36.626	25.79
180	20.34	36.591	25.88
190	20.05	36.586	25.96
200	19.84	36.575	26.01
250	18.93	36.526	26.21
300	18.44	36.509	26.32
350	18.17	36.500	26.38
400	17.80	36.470	26.45
450	17.42	36.424	26.51
500	16.92	36.337	26.56
550	16.26	36.219	26.63
600	15.23	36.050	26.73
650	13.98	35.847	26.85
700	12.79	35.666	26.95
750	11.80	35.519	27.03
800	10.57	35.371	27.14
850	9.30	35.227	27.25
900	8.30	35.134	27.33
950	7.35	35.114	27.46
1000	6.71	35.093	27.53
1500	4.34	35.016	27.76
2000	3.68	34.987	27.81
2500	3.14	34.955	27.84
3000	2.66	34.928	27.86
3500	2.40	34.911	27.87
4000	2.30	34.901	27.87
4052	2.30	34.900	27.87

RES-STACS21-85 CTD 65 RESEARCHER

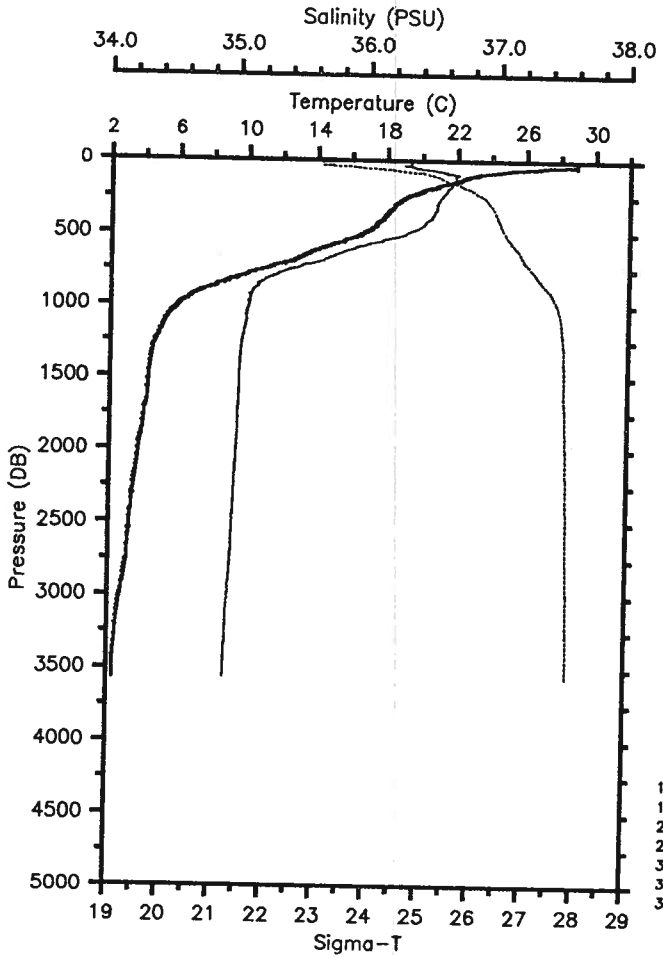
Date 08 29 85 Latitude 26.538 N

Time 0059 Z Longitude 76.637 W



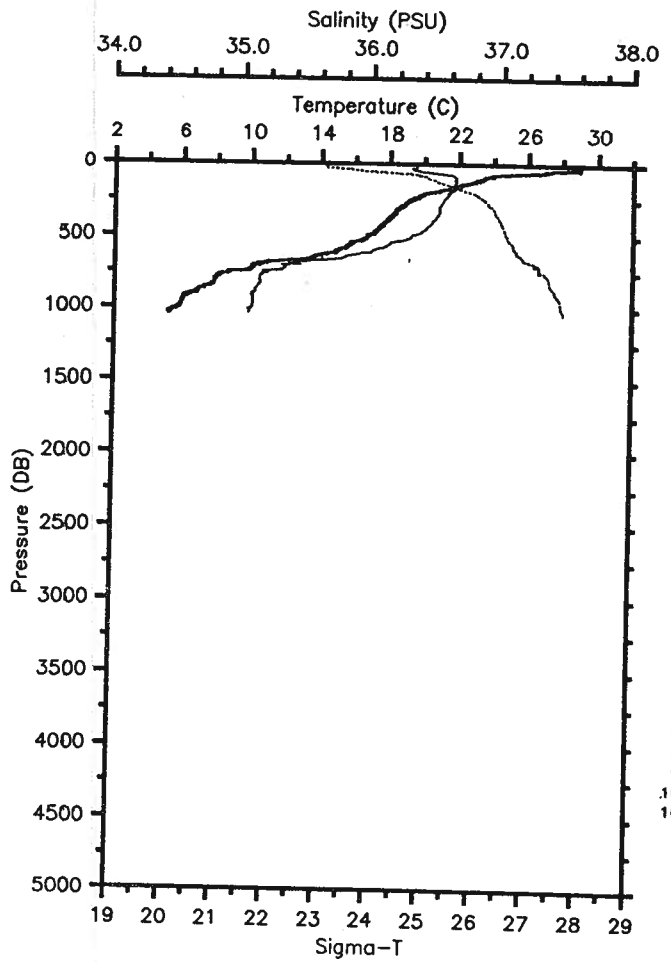
Prs	Tem	Sal	SigT
0	28.93	36.306	23.07
10	28.93	36.306	23.07
20	28.94	36.308	23.07
30	28.94	36.308	23.07
40	27.97	36.256	23.35
50	26.48	36.362	23.91
60	25.48	36.450	24.29
70	24.68	36.531	24.60
80	24.12	36.582	24.81
90	23.10	36.639	25.15
100	22.75	36.659	25.27
110	22.41	36.657	25.36
120	22.14	36.646	25.43
130	21.95	36.653	25.49
140	21.71	36.644	25.55
150	21.25	36.626	25.66
160	21.07	36.620	25.71
170	20.86	36.619	25.77
180	20.62	36.613	25.83
190	20.22	36.590	25.92
200	19.80	36.572	26.02
250	18.91	36.531	26.22
300	18.47	36.511	26.31
350	18.08	36.493	26.40
400	17.74	36.461	26.46
450	17.31	36.397	26.51
500	16.78	36.311	26.58
550	15.96	36.169	26.66
600	14.81	35.981	26.77
650	13.73	35.812	26.87
700	12.54	35.623	26.97
750	11.65	35.496	27.04
800	10.39	35.353	27.16
850	9.27	35.235	27.26
900	8.06	35.143	27.38
950	7.08	35.098	27.49
1000	6.40	35.082	27.57
1500	4.23	35.000	27.76
2000	3.60	34.977	27.81
2500	3.20	34.958	27.83
3000	2.73	34.932	27.86
3500	2.39	34.911	27.87
4000	2.29	34.901	27.87
4044	2.30	34.900	27.87

RES-STACS21-85 CTD 66 RESEARCHER
Date 08 29 85 Latitude 26.533 N
Time 0520 Z Longitude 76.745 W



Prs	Tem	Sal	SigT
0	28.90	36.313	23.09
10	28.91	36.311	23.08
20	28.91	36.312	23.08
30	28.91	36.312	23.08
40	27.71	36.285	23.46
50	26.69	36.352	23.84
60	25.64	36.439	24.23
70	24.76	36.512	24.56
80	24.05	36.583	24.83
90	23.34	36.619	25.07
100	23.05	36.671	25.19
110	22.69	36.650	25.28
120	22.41	36.652	25.36
130	22.21	36.661	25.42
140	21.95	36.645	25.48
150	21.60	36.632	25.57
160	21.33	36.623	25.64
170	20.96	36.618	25.74
180	20.73	36.618	25.80
190	20.42	36.598	25.87
200	20.10	36.593	25.95
250	19.07	36.546	26.19
300	18.49	36.515	26.31
350	18.08	36.496	26.40
400	17.76	36.468	26.46
450	17.29	36.402	26.52
500	16.60	36.283	26.60
550	15.55	36.102	26.70
600	14.36	35.906	26.81
650	13.30	35.734	26.90
700	12.39	35.609	26.99
750	10.84	35.383	27.10
800	9.59	35.251	27.22
850	8.31	35.140	27.34
900	7.23	35.106	27.47
950	6.55	35.085	27.55
1000	5.97	35.075	27.62
1500	4.25	35.004	27.76
2000	3.70	34.986	27.81
2500	3.21	34.960	27.83
3000	2.72	34.932	27.86
3500	2.34	34.908	27.87
3560	2.34	34.908	27.87

RES-STACS21-85 CTD 67 RESEARCHER
Date 08 29 85 Latitude 26.547 N
Time 1107 Z Longitude 76.843 W

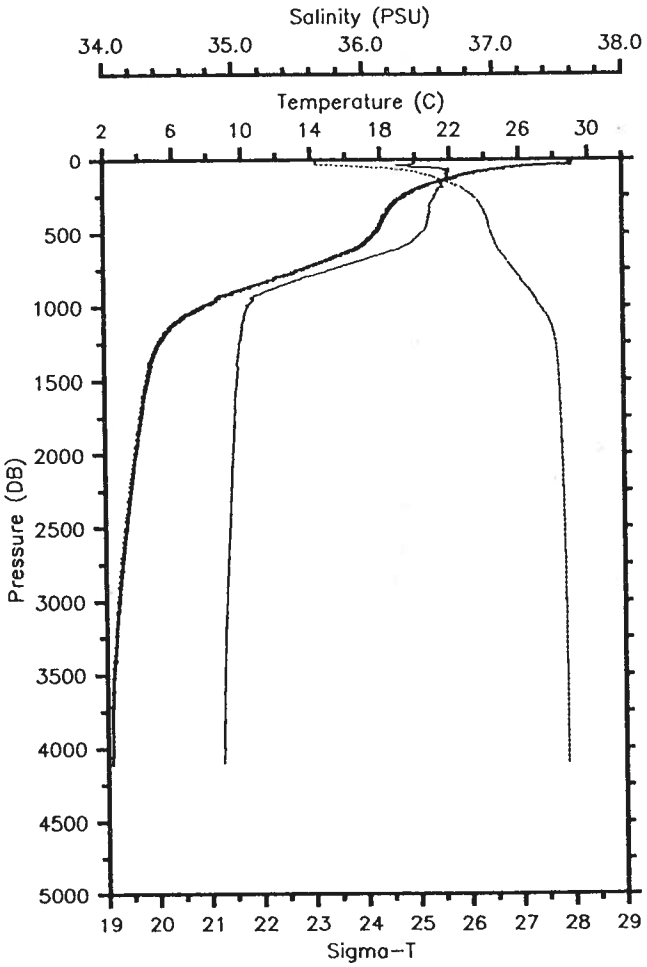


Prs	Tem	Sal	SigT
0	28.92	36.340	23.10
10	28.92	36.336	23.10
20	28.93	36.338	23.10
30	28.92	36.338	23.10
40	27.37	36.320	23.60
50	26.87	36.350	23.78
60	25.75	36.468	24.22
70	24.18	36.563	24.77
80	23.83	36.622	24.92
90	23.44	36.640	25.05
100	23.28	36.633	25.09
110	22.94	36.632	25.19
120	22.80	36.639	25.24
130	22.40	36.631	25.35
140	22.06	36.640	25.45
150	21.76	36.635	25.53
160	21.55	36.632	25.59
170	21.20	36.630	25.68
180	20.89	36.620	25.76
190	20.48	36.605	25.86
200	20.09	36.592	25.95
250	19.16	36.545	26.16
300	18.56	36.516	26.29
350	18.18	36.505	26.38
400	17.70	36.459	26.47
450	17.30	36.403	26.52
500	16.68	36.300	26.59
550	15.72	36.137	26.69
600	14.91	35.992	26.76
650	13.49	35.770	26.89
700	10.50	35.291	27.09
750	8.72	35.190	27.31
800	7.83	35.126	27.40
850	7.47	35.113	27.44
900	6.59	35.081	27.54
950	5.95	35.075	27.62
1000	5.64	35.063	27.65
1036	5.19	35.045	27.69

RES-STACS21-85 CTD 68 RESEARCHER

Date 08 31 85 Latitude 26.902 N

Time 1130 Z Longitude 76.135 W

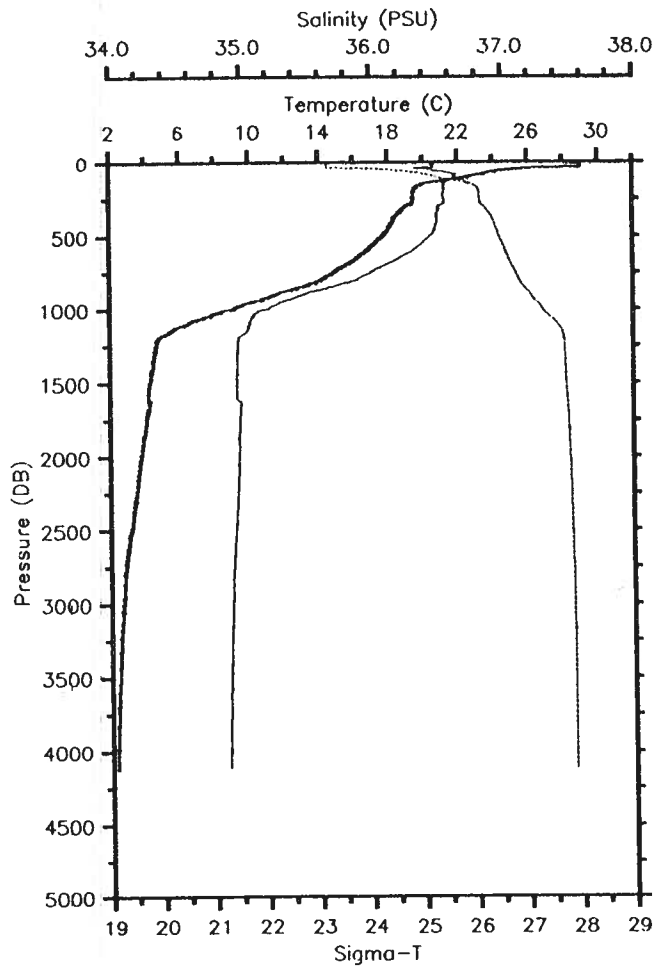


Prs	Tem	Sal	SigT
0	29.03	36.384	23.09
10	29.03	36.387	23.10
20	29.04	36.392	23.10
30	29.03	36.403	23.11
40	27.51	36.291	23.53
50	25.93	36.374	24.09
60	25.17	36.582	24.49
70	24.40	36.641	24.77
80	23.84	36.652	24.94
90	23.40	36.665	25.08
100	22.92	36.642	25.20
110	22.60	36.651	25.30
120	22.28	36.642	25.39
130	21.95	36.629	25.47
140	21.66	36.628	25.55
150	21.40	36.622	25.62
160	21.06	36.603	25.70
170	20.80	36.607	25.77
180	20.54	36.611	25.85
190	20.30	36.590	25.90
200	20.10	36.582	25.94
250	19.33	36.554	26.13
300	18.73	36.516	26.25
350	18.42	36.515	26.33
400	18.14	36.502	26.39
450	17.95	36.487	26.42
500	17.60	36.438	26.47
550	17.18	36.379	26.53
600	16.64	36.286	26.59
650	15.57	36.099	26.69
700	14.50	35.923	26.79
750	13.28	35.735	26.91
800	11.99	35.545	27.02
850	10.83	35.392	27.11
900	9.48	35.238	27.23
950	8.54	35.157	27.31
1000	7.69	35.112	27.41
1500	4.49	35.022	27.75
2000	3.77	34.990	27.80
2500	3.22	34.961	27.83
3000	2.76	34.933	27.85
3500	2.41	34.913	27.87
4000	2.29	34.901	27.87
4102	2.28	34.897	27.87

RES-STACS21-85 CTD 69 RESEARCHER

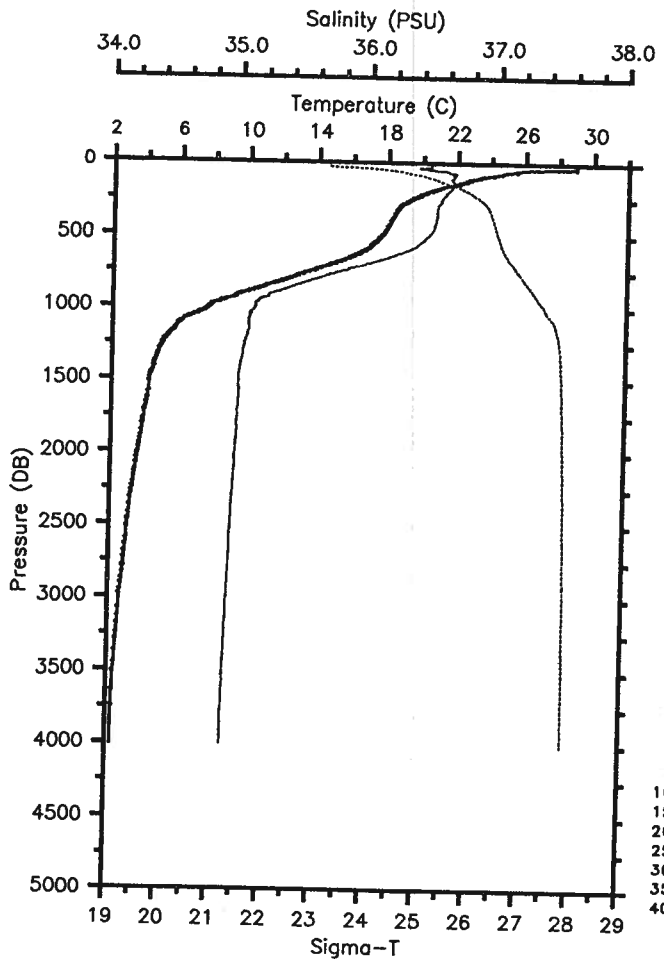
Date 08 31 85 Latitude 27.345 N

Time 2044 Z Longitude 75.890 W



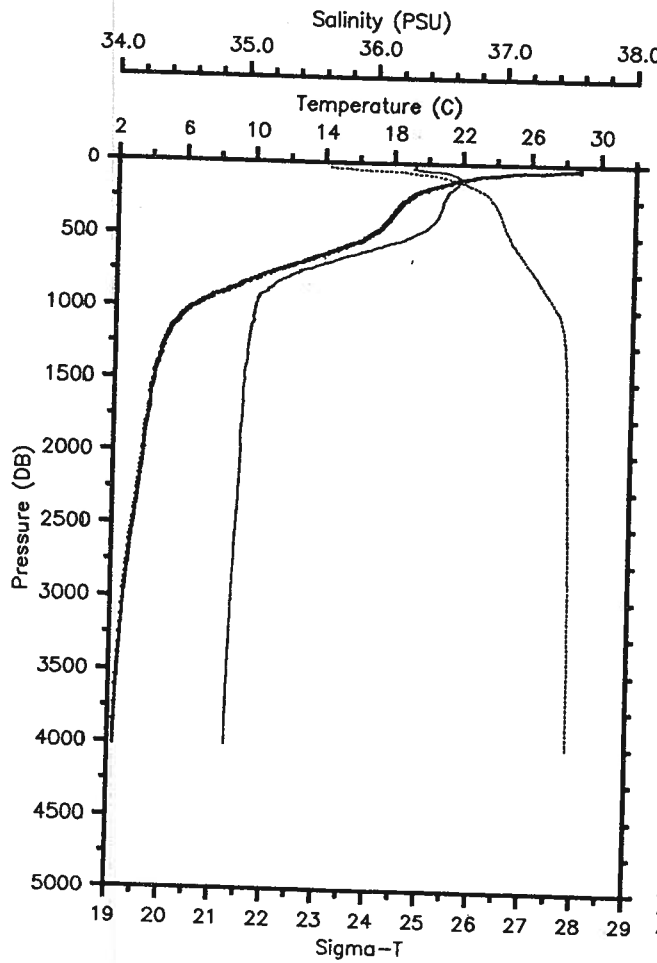
Prs	Tem	Sal	SigT
0	29.05	36.428	23.12
10	29.05	36.457	23.14
20	29.04	36.481	23.17
30	29.04	36.490	23.17
40	27.49	36.356	23.58
50	25.35	36.434	24.32
60	24.47	36.509	24.65
70	23.82	36.598	24.91
80	23.51	36.662	25.05
90	23.00	36.642	25.18
100	22.60	36.654	25.31
110	22.22	36.643	25.41
120	21.59	36.598	25.55
130	20.97	36.606	25.73
140	20.46	36.579	25.84
150	19.98	36.571	25.97
160	19.75	36.581	26.02
170	19.65	36.569	26.05
180	19.57	36.561	26.07
190	19.55	36.568	26.08
200	19.51	36.565	26.09
250	19.48	36.566	26.10
300	19.02	36.517	26.18
350	18.58	36.509	26.28
400	18.32	36.515	26.35
450	18.05	36.493	26.40
500	17.71	36.459	26.46
550	17.24	36.394	26.53
600	16.80	36.326	26.58
650	16.24	36.224	26.64
700	15.58	36.114	26.70
750	14.88	36.009	26.78
800	14.18	35.901	26.85
850	12.86	35.676	26.95
900	11.52	35.480	27.05
950	10.13	35.306	27.17
1000	9.03	35.216	27.28
1500	4.32	34.973	27.73
2000	3.79	34.990	27.80
2500	3.19	34.959	27.83
3000	2.71	34.932	27.86
3500	2.47	34.916	27.87
4000	2.31	34.902	27.87
4114	2.30	34.900	27.87

RES-STACS21-85 CTD 70 RESEARCHER
Date 09 01 85 Latitude 27.785 N
Time 0323 Z Longitude 75.593 W



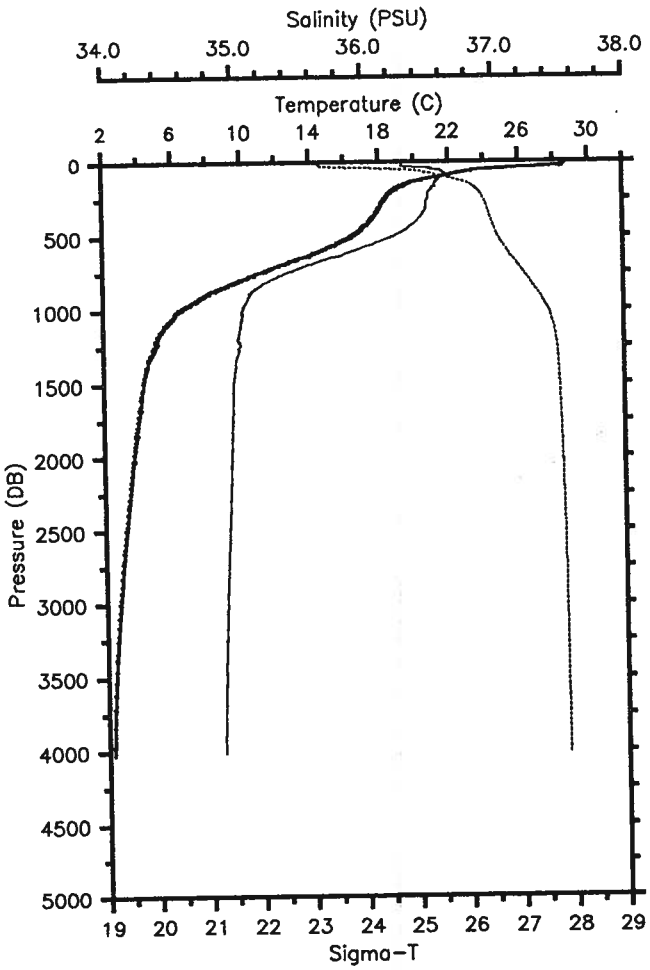
Prs	Tem	Sal	SigT
0	28.93	36.459	23.19
10	28.93	36.459	23.19
20	28.93	36.460	23.19
30	28.93	36.459	23.19
40	26.80	36.379	23.82
50	25.49	36.481	24.31
60	25.02	36.596	24.54
70	24.63	36.654	24.71
80	24.13	36.629	24.84
90	23.55	36.629	25.01
100	23.22	36.633	25.11
110	22.87	36.630	25.21
120	22.57	36.629	25.29
130	22.31	36.637	25.38
140	22.04	36.649	25.46
150	21.64	36.630	25.56
160	21.25	36.626	25.66
170	21.01	36.619	25.72
180	20.75	36.614	25.79
190	20.48	36.599	25.85
200	20.26	36.592	25.91
250	19.32	36.547	26.12
300	18.67	36.516	26.27
350	18.40	36.511	26.33
400	18.17	36.504	26.38
450	17.96	36.491	26.43
500	17.63	36.447	26.47
550	17.19	36.383	26.53
600	16.68	36.291	26.58
650	15.81	36.143	26.67
700	14.72	35.969	26.78
750	13.51	35.773	26.89
800	12.31	35.595	26.99
850	11.01	35.428	27.11
900	9.68	35.265	27.21
950	8.49	35.145	27.31
1000	7.67	35.115	27.41
1500	4.23	34.995	27.76
2000	3.62	34.976	27.81
2500	3.07	34.950	27.84
3000	2.68	34.929	27.86
3500	2.40	34.912	27.87
4000	2.30	34.901	27.87

RES-STACS21-85 CTD 71 RESEARCHER
Date 09 01 85 Latitude 28.235 N
Time 1030 Z Longitude 75.342 W



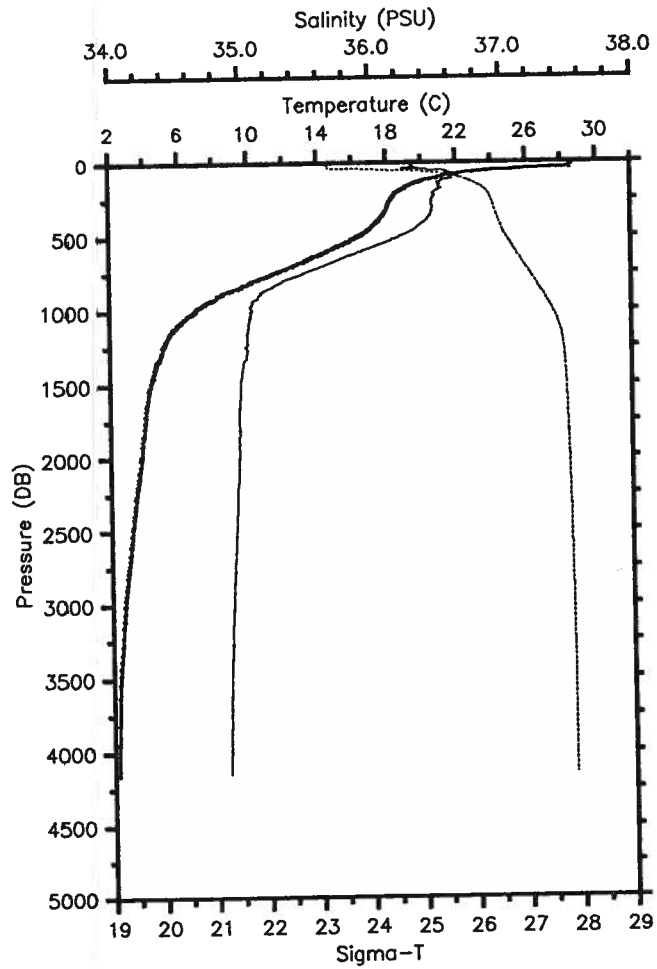
Prs	Tem	Sal	SigT
0	28.82	36.297	23.10
10	28.82	36.296	23.10
20	28.82	36.297	23.10
30	28.82	36.297	23.10
40	28.25	36.277	23.27
50	26.81	36.406	23.84
60	24.95	36.527	24.51
70	24.20	36.587	24.79
80	23.26	36.613	25.08
90	22.72	36.636	25.26
100	22.32	36.653	25.38
110	21.92	36.643	25.49
120	21.60	36.640	25.58
130	21.28	36.639	25.67
140	20.97	36.630	25.74
150	20.74	36.627	25.81
160	20.42	36.611	25.88
170	20.13	36.597	25.95
180	19.92	36.585	25.99
190	19.61	36.560	26.06
200	19.38	36.552	26.11
250	18.82	36.529	26.24
300	18.34	36.509	26.34
350	18.00	36.488	26.41
400	17.67	36.451	26.47
450	17.26	36.390	26.52
500	16.61	36.278	26.59
550	15.86	36.145	26.66
600	14.78	35.968	26.77
650	13.56	35.766	26.87
700	12.42	35.598	26.97
750	11.14	35.424	27.08
800	10.15	35.311	27.17
850	9.21	35.226	27.26
900	8.22	35.151	27.36
950	7.25	35.095	27.46
1000	6.50	35.078	27.55
1500	4.31	35.007	27.76
2000	3.75	34.986	27.80
2500	3.21	34.958	27.83
3000	2.75	34.931	27.85
3500	2.47	34.915	27.86
4000	2.32	34.902	27.87
4006	2.32	34.903	27.87

RES-STACS21-85 CTD 72 RESEARCHER
Date 09 01 85 Latitude 28.685 N
Time 1616 Z Longitude 75.080 W



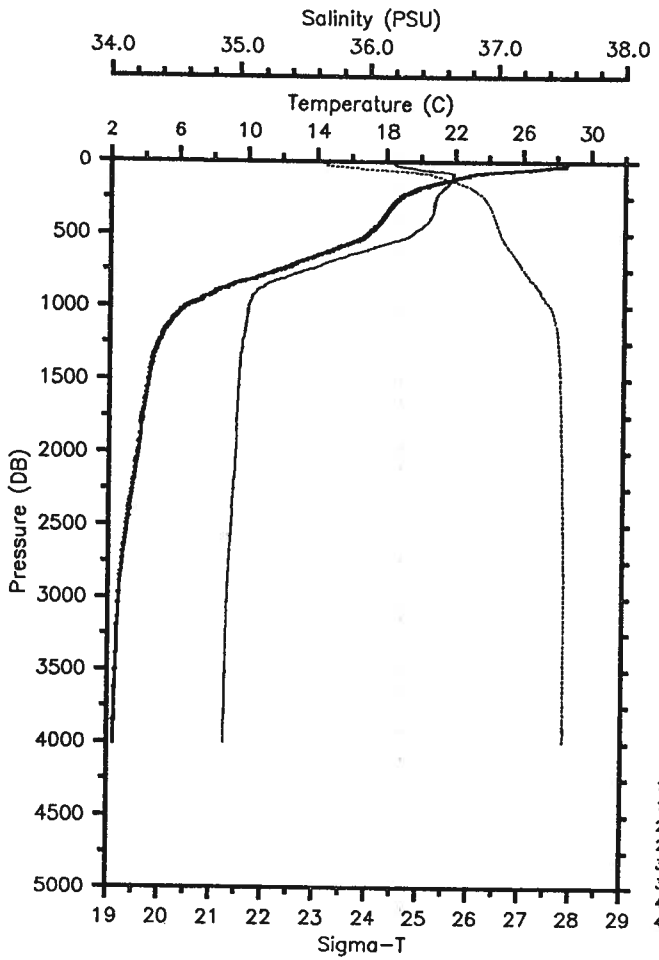
Prs	Tem	Sal	SigT
0	28.69	36.314	23.16
10	28.68	36.313	23.16
20	28.57	36.313	23.20
30	28.49	36.311	23.22
40	26.83	36.439	23.86
50	24.91	36.533	24.53
60	23.43	36.617	25.04
70	23.00	36.626	25.17
80	22.52	36.649	25.32
90	22.07	36.643	25.45
100	21.57	36.629	25.58
110	21.11	36.606	25.69
120	20.60	36.597	25.82
130	20.20	36.580	25.91
140	19.77	36.563	26.02
150	19.57	36.564	26.07
160	19.40	36.562	26.11
170	19.23	36.567	26.16
180	19.02	36.546	26.20
190	18.86	36.532	26.23
200	18.75	36.525	26.25
250	18.36	36.504	26.34
300	18.09	36.495	26.40
350	17.83	36.473	26.44
400	17.49	36.425	26.49
450	17.04	36.354	26.55
500	16.46	36.250	26.60
550	15.58	36.099	26.69
600	14.65	35.943	26.78
650	13.43	35.753	26.89
700	12.24	35.581	26.99
750	11.02	35.414	27.10
800	9.92	35.287	27.19
850	8.87	35.199	27.30
900	7.90	35.136	27.40
950	7.21	35.108	27.48
1000	6.44	35.077	27.56
1500	4.30	35.005	27.76
2000	3.72	34.985	27.80
2500	3.23	34.962	27.83
3000	2.80	34.935	27.85
3500	2.49	34.916	27.86
4000	2.32	34.903	27.87
4012	2.32	34.902	27.87

RES-STACS21-85 CTD 73 RESEARCHER
Date 09 01 85 Latitude 29.115 N
Time 2243 Z Longitude 74.822 W



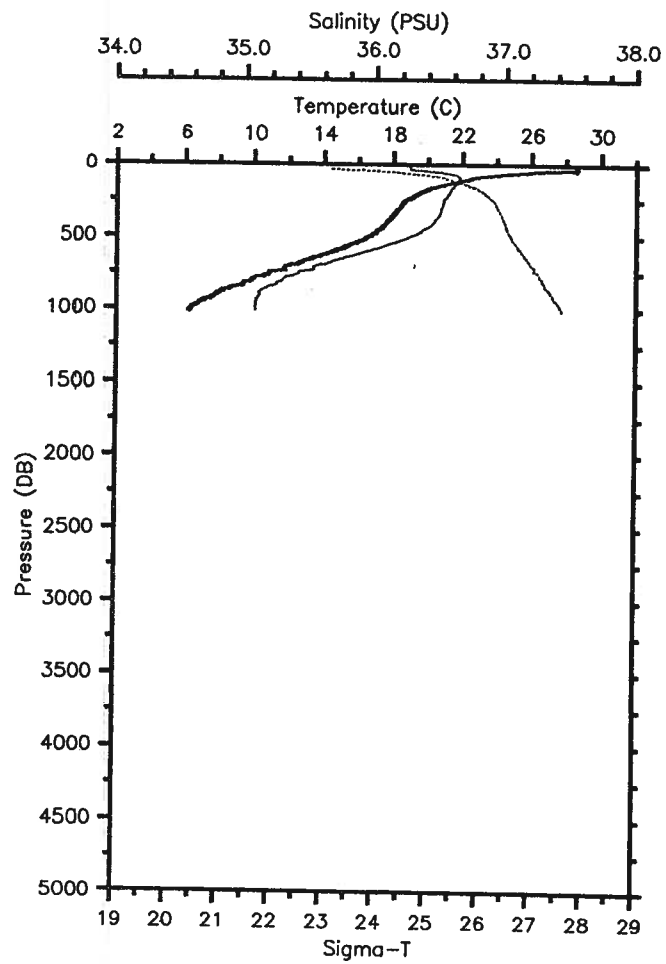
Prs	Tem	Sal	SigT
0	28.66	36.329	23.18
10	28.66	36.328	23.18
20	28.56	36.337	23.22
30	28.56	36.347	23.23
40	28.09	36.262	23.32
50	25.74	36.439	24.20
60	23.71	36.596	24.94
70	22.52	36.608	25.29
80	21.91	36.633	25.48
90	21.45	36.631	25.61
100	20.99	36.627	25.74
110	20.71	36.647	25.83
120	20.17	36.563	25.91
130	19.92	36.549	25.97
140	19.62	36.538	26.04
150	19.46	36.542	26.08
160	19.23	36.535	26.14
170	19.13	36.557	26.18
180	18.94	36.539	26.22
190	18.78	36.525	26.24
200	18.62	36.503	26.27
250	18.27	36.487	26.35
300	18.08	36.490	26.40
350	17.83	36.473	26.44
400	17.48	36.428	26.50
450	17.01	36.354	26.55
500	16.32	36.237	26.63
550	15.45	36.093	26.71
600	14.53	35.939	26.80
650	13.48	35.775	26.90
700	12.53	35.629	26.97
750	11.43	35.489	27.08
800	10.27	35.335	27.17
850	9.27	35.229	27.25
900	8.26	35.147	27.35
950	7.54	35.103	27.42
1000	6.98	35.098	27.50
1500	4.38	35.011	27.75
2000	3.81	34.994	27.80
2500	3.22	34.963	27.83
3000	2.75	34.933	27.85
3500	2.40	34.911	27.87
4000	2.28	34.898	27.87
4146	2.25	34.894	27.87

RES-STACS21-85 CTD 74 RESEARCHER
Date 09 02 85 Latitude 28.998 N
Time 0649 Z Longitude 76.000 W



Prs	Tem	Sal	SigT
0	28.55	36.196	23.11
10	28.50	36.191	23.13
20	28.51	36.192	23.13
30	28.26	36.215	23.22
40	27.54	36.287	23.52
50	26.59	36.370	23.88
60	25.53	36.448	24.27
70	24.20	36.591	24.79
80	23.46	36.658	25.06
90	22.89	36.650	25.22
100	22.61	36.642	25.30
110	22.22	36.650	25.41
120	21.95	36.650	25.49
130	21.58	36.636	25.58
140	21.20	36.627	25.68
150	20.85	36.615	25.77
160	20.55	36.613	25.85
170	20.27	36.602	25.91
180	19.91	36.590	26.00
190	19.78	36.569	26.02
200	19.59	36.558	26.06
250	18.77	36.519	26.24
300	18.37	36.509	26.34
350	18.07	36.499	26.41
400	17.77	36.469	26.46
450	17.38	36.418	26.51
500	16.93	36.336	26.56
550	16.15	36.189	26.63
600	15.13	36.026	26.74
650	13.98	35.837	26.84
700	12.88	35.680	26.95
750	11.80	35.522	27.03
800	10.54	35.365	27.14
850	9.13	35.211	27.26
900	8.13	35.136	27.36
950	7.36	35.099	27.45
1000	6.40	35.071	27.56
1500	4.30	35.006	27.76
2000	3.72	34.986	27.80
2500	3.08	34.953	27.84
3000	2.63	34.925	27.86
3500	2.47	34.915	27.86
4000	2.37	34.906	27.87
4002	2.37	34.906	27.87

RES-STACS21-85 CTD 75 RESEARCHER
Date 09 02 85 Latitude 28.998 N
Time 1324 Z Longitude 77.005 W

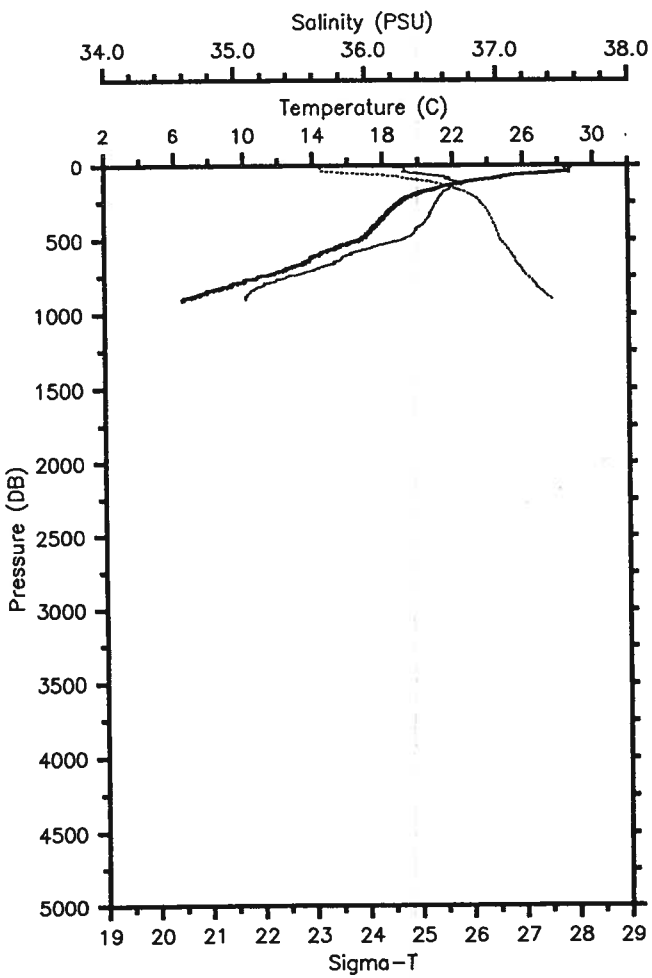


Prs	Tem	Sal	SigT
0	28.55	36.246	23.15
10	28.58	36.258	23.15
20	28.58	36.260	23.15
30	28.58	36.260	23.15
40	27.50	36.336	23.57
50	25.86	36.452	24.17
60	25.15	36.531	24.46
70	24.09	36.592	24.82
80	23.20	36.627	25.11
90	22.61	36.645	25.30
100	22.35	36.645	25.37
110	21.98	36.641	25.47
120	21.66	36.631	25.55
130	21.27	36.614	25.65
140	20.94	36.615	25.74
150	20.60	36.597	25.82
160	20.27	36.583	25.90
170	20.02	36.581	25.96
180	19.85	36.575	26.01
190	19.64	36.569	26.06
200	19.47	36.562	26.09
250	18.71	36.516	26.26
300	18.37	36.506	26.34
350	18.01	36.489	26.41
400	17.62	36.442	26.47
450	17.14	36.359	26.53
500	16.51	36.254	26.59
550	15.60	36.105	26.69
600	14.64	35.947	26.78
650	13.37	35.752	26.90
700	12.01	35.550	27.02
750	10.89	35.409	27.11
800	9.87	35.284	27.20
850	8.80	35.178	27.29
900	7.78	35.107	27.39
950	6.91	35.083	27.50
1000	6.31	35.076	27.57
1014	6.20	35.072	27.58

RES-STACS21-85 CTD 76 RESEARCHER

Date 09 02 85 Latitude 29.000 N

Time 1904 Z Longitude 77.992 W

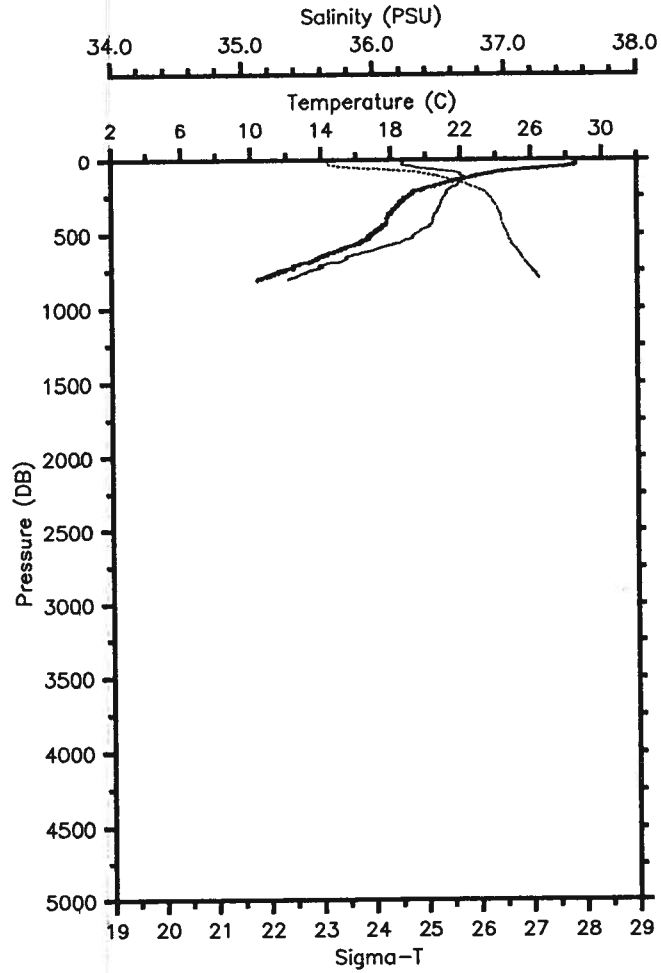


Prs	Tem	Sal	SigT
0	28.38	35.949	22.99
10	28.39	35.953	22.98
20	28.66	36.298	23.15
30	28.67	36.302	23.16
40	28.66	36.302	23.16
50	27.70	36.334	23.50
60	26.42	36.433	23.98
70	25.19	36.530	24.44
80	24.78	36.614	24.63
90	24.34	36.642	24.78
100	23.50	36.653	25.04
110	22.97	36.684	25.22
120	22.61	36.725	25.36
130	22.06	36.663	25.47
140	21.66	36.658	25.58
150	21.36	36.651	25.65
160	21.08	36.648	25.73
170	20.69	36.628	25.82
180	20.27	36.600	25.91
190	20.08	36.591	25.96
200	19.77	36.584	26.03
250	19.00	36.544	26.20
300	18.45	36.510	26.32
350	18.07	36.478	26.39
400	17.64	36.435	26.46
450	17.20	36.372	26.52
500	16.67	36.276	26.57
550	15.35	36.048	26.70
600	14.39	35.892	26.79
650	13.59	35.760	26.86
700	12.45	35.620	26.98
750	10.88	35.407	27.12
800	9.35	35.232	27.24
850	7.91	35.121	27.38
900	6.53	35.083	27.55
902	6.52	35.085	27.55

RES-STACS21-85 CTD 77 RESEARCHER

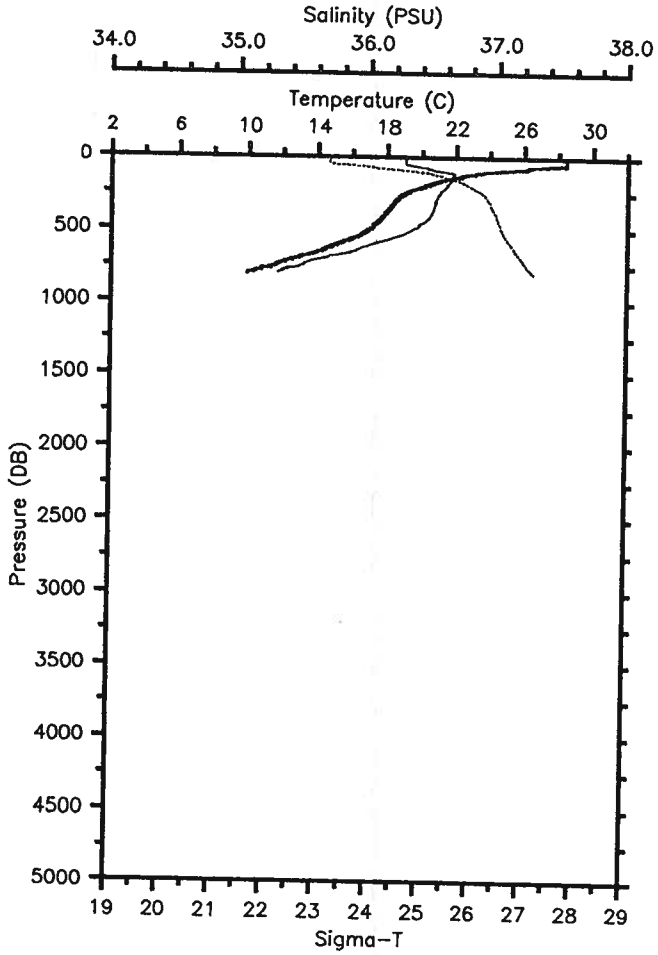
Date 09 02 85 Latitude 29.002 N

Time 2232 Z Longitude 78.498 W



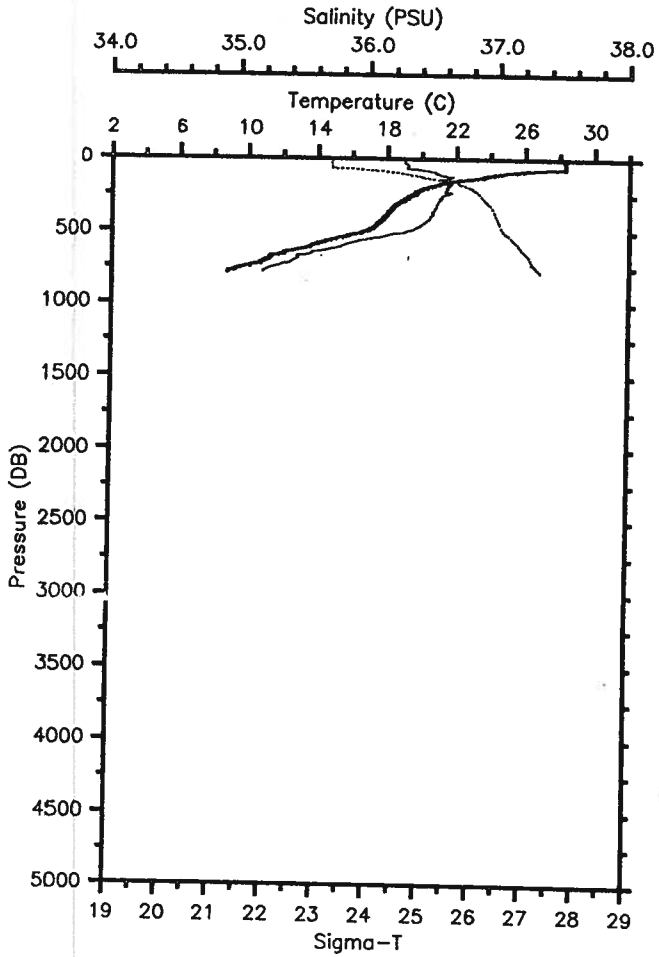
Prs	Tem	Sal	SigT
0	28.57	36.230	23.13
10	28.58	36.229	23.13
20	28.58	36.230	23.13
30	28.52	36.218	23.14
40	28.35	36.251	23.22
50	27.78	36.325	23.47
60	26.64	36.396	23.89
70	25.40	36.505	24.36
80	24.43	36.598	24.73
90	23.91	36.659	24.93
100	23.37	36.671	25.10
110	22.93	36.688	25.24
120	22.62	36.683	25.32
130	22.10	36.665	25.46
140	21.66	36.657	25.58
150	21.41	36.673	25.66
160	21.08	36.657	25.74
170	20.77	36.648	25.81
180	20.53	36.635	25.87
190	20.15	36.605	25.95
200	19.84	36.589	26.02
250	18.98	36.544	26.21
300	18.46	36.514	26.32
350	18.08	36.489	26.39
400	17.80	36.459	26.44
450	17.54	36.432	26.48
500	16.91	36.319	26.55
550	16.28	36.222	26.62
600	15.18	36.028	26.73
650	14.02	35.811	26.81
700	12.78	35.642	26.93
750	11.62	35.504	27.05
800	10.53	35.364	27.14
804	10.43	35.351	27.15

RES-STACS21-85 CTD 78 RESEARCHER
Date 09 03 85 Latitude 29.003 N
Time 0104 Z Longitude 78.805 W



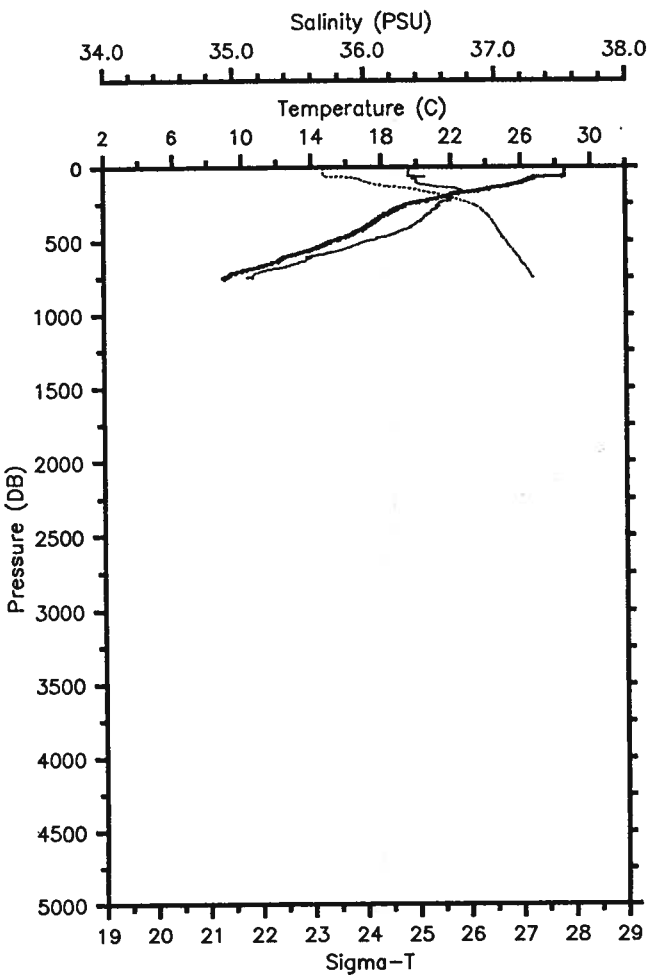
Prs	Tem	Sal	SigT
0	28.43	36.270	23.21
10	28.43	36.270	23.21
20	28.43	36.272	23.21
30	28.44	36.273	23.21
40	28.44	36.272	23.21
50	28.28	36.271	23.26
60	27.17	36.331	23.67
70	26.17	36.406	24.04
80	25.83	36.469	24.20
90	24.67	36.496	24.57
100	23.70	36.587	24.93
110	23.14	36.652	25.15
120	22.67	36.645	25.28
130	22.32	36.655	25.39
140	21.93	36.634	25.48
150	21.44	36.632	25.62
160	21.14	36.631	25.70
170	20.85	36.616	25.77
180	20.55	36.604	25.84
190	20.38	36.596	25.88
200	20.14	36.593	25.94
250	19.04	36.541	26.19
300	18.45	36.505	26.31
350	18.18	36.495	26.37
400	17.78	36.466	26.45
450	17.41	36.415	26.50
500	16.86	36.328	26.56
550	16.18	36.198	26.63
600	15.07	36.016	26.74
650	14.06	35.863	26.84
700	12.61	35.618	26.95
750	11.51	35.475	27.05
800	9.97	35.296	27.19

RES-STACS21-85 CTD 79 RESEARCHER
Date 09 03 85 Latitude 29.008 N
Time 0647 Z Longitude 79.093 W



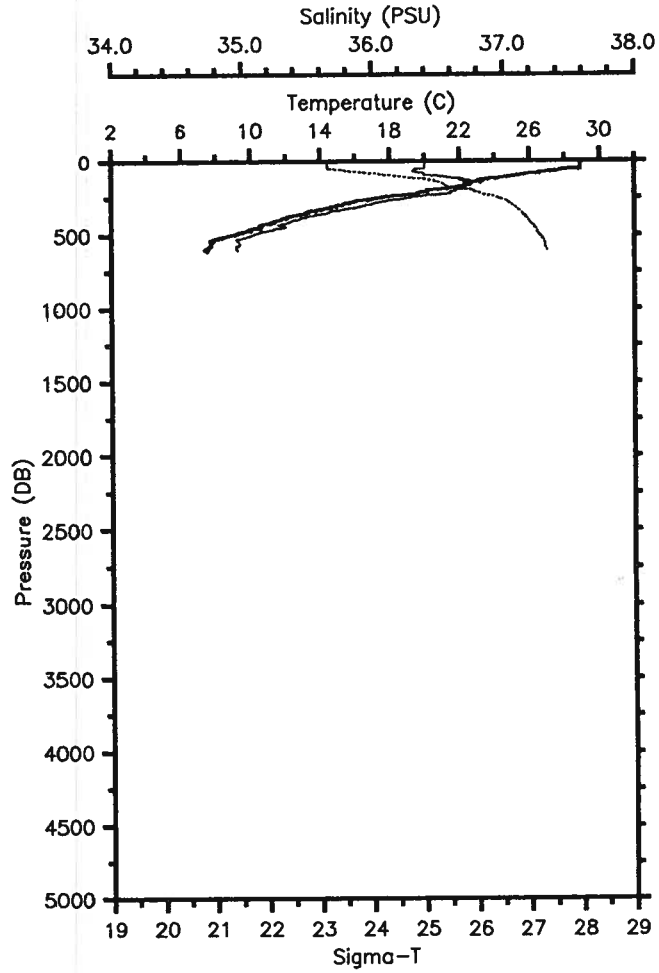
Prs	Tem	Sal	SigT
0	28.27	36.270	23.26
10	28.25	36.267	23.27
20	28.27	36.271	23.26
30	28.27	36.267	23.26
40	28.32	36.293	23.27
50	28.30	36.290	23.27
60	28.30	36.293	23.27
70	27.94	36.311	23.40
80	26.24	36.418	24.03
90	25.47	36.491	24.33
100	24.67	36.506	24.58
110	24.21	36.530	24.74
120	23.67	36.595	24.95
130	23.30	36.617	25.07
140	22.87	36.584	25.17
150	22.04	36.592	25.42
160	21.42	36.623	25.62
170	21.11	36.632	25.71
180	20.80	36.618	25.78
190	20.48	36.595	25.85
200	20.24	36.585	25.91
250	19.40	36.571	26.12
300	18.69	36.518	26.26
350	18.22	36.498	26.37
400	17.86	36.486	26.43
450	17.40	36.404	26.50
500	16.65	36.273	26.58
550	15.03	35.987	26.73
600	13.59	35.784	26.88
650	12.07	35.552	27.01
700	10.94	35.410	27.11
750	9.60	35.242	27.21
782	8.80	35.179	27.29

RES-STACS21-85 CTD 80 RESEARCHER
Date 09 03 85 Latitude 29.055 N
Time 1036 Z Longitude 79.452 W



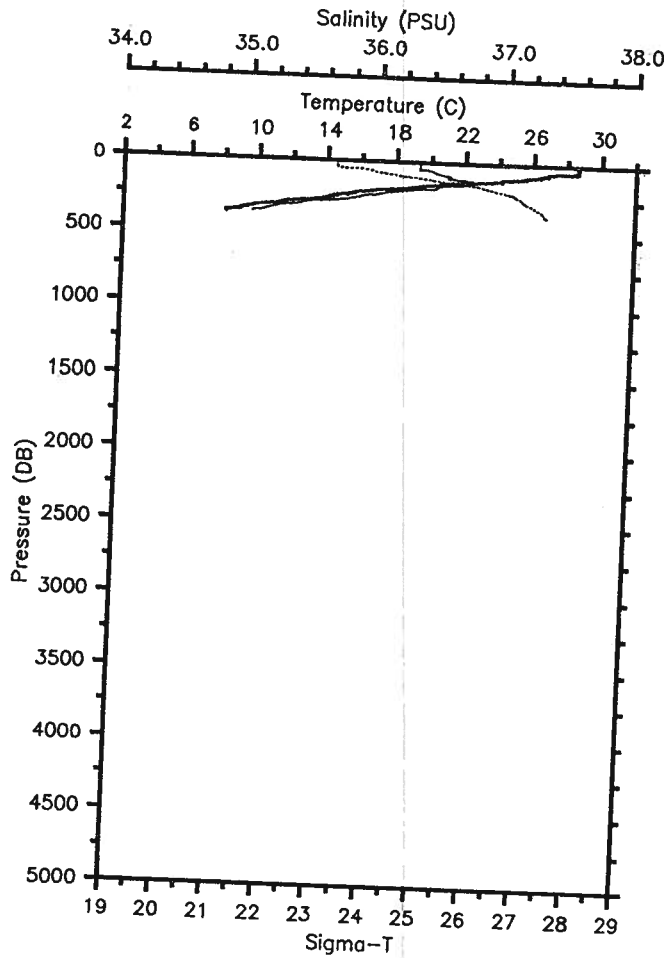
Prs	Tem	Sal	SigT
0	28.55	36.342	23.23
10	28.55	36.342	23.23
20	28.55	36.343	23.23
30	28.55	36.343	23.23
40	28.55	36.343	23.22
50	28.56	36.343	23.22
60	28.53	36.343	23.23
70	27.13	36.390	23.73
80	26.63	36.382	23.88
90	26.46	36.400	23.95
100	26.21	36.399	24.02
110	25.97	36.409	24.11
120	25.52	36.462	24.29
130	25.21	36.531	24.44
140	24.57	36.642	24.72
150	24.16	36.725	24.90
160	23.68	36.752	25.06
170	23.13	36.732	25.21
180	22.50	36.700	25.37
190	22.04	36.676	25.48
200	21.78	36.668	25.55
250	19.60	36.572	26.07
300	18.60	36.518	26.28
350	17.81	36.449	26.43
400	17.16	36.360	26.52
450	16.38	36.235	26.61
500	15.15	36.020	26.73
550	14.13	35.857	26.82
600	12.63	35.609	26.94
650	11.72	35.493	27.03
700	10.04	35.253	27.14
750	8.98	35.152	27.24

RES-STACS21-85 CTD 81 RESEARCHER
Date 09 03 85 Latitude 29.050 N
Time 1427 Z Longitude 79.818 W



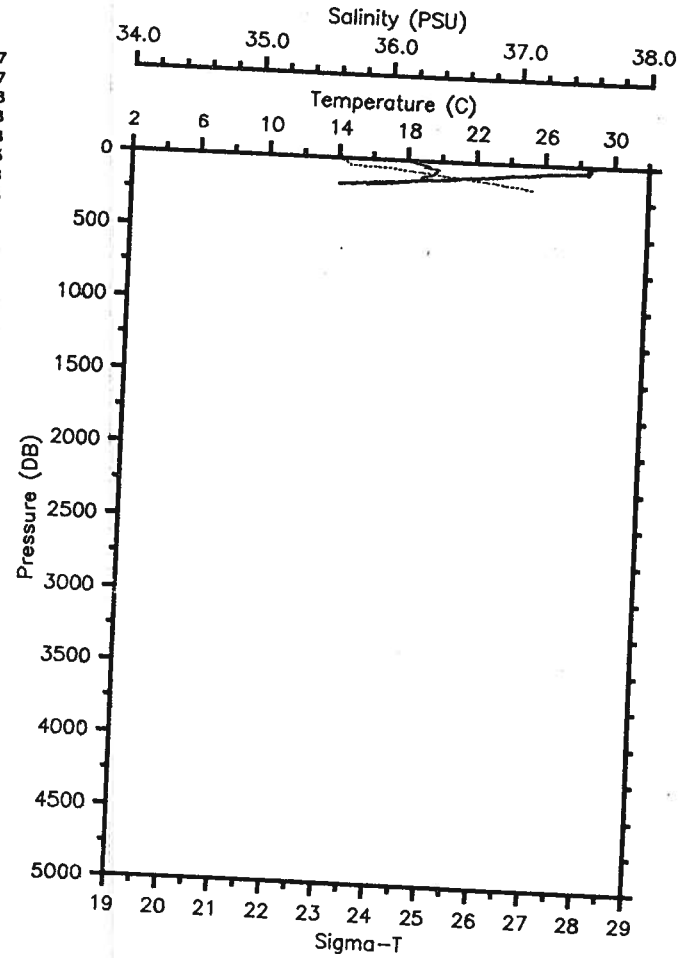
Prs	Tem	Sal	SigT
0	28.96	36.404	23.13
10	28.94	36.403	23.14
20	28.93	36.405	23.14
30	28.93	36.406	23.14
40	28.93	36.406	23.14
50	28.92	36.401	23.15
60	27.94	36.337	23.42
70	27.35	36.318	23.60
80	26.58	36.362	23.88
90	25.86	36.406	24.14
100	25.24	36.468	24.38
110	24.79	36.558	24.59
120	23.81	36.669	24.96
130	23.25	36.675	25.13
140	23.22	36.757	25.20
150	22.63	36.701	25.33
160	22.57	36.738	25.38
170	22.28	36.716	25.44
180	21.64	36.701	25.61
190	21.09	36.698	25.76
200	20.22	36.643	25.96
250	17.37	36.287	26.41
300	15.04	35.944	26.69
350	13.24	35.671	26.86
400	11.59	35.387	26.97
450	10.58	35.317	27.10
500	8.89	35.077	27.20
550	7.76	34.984	27.30
600	7.46	34.971	27.33

RES-STACS21-85 CTD 82 RESEARCHER
Date 09 03 85 Latitude 29.058 N
Time 1757 Z Longitude 79.905 W



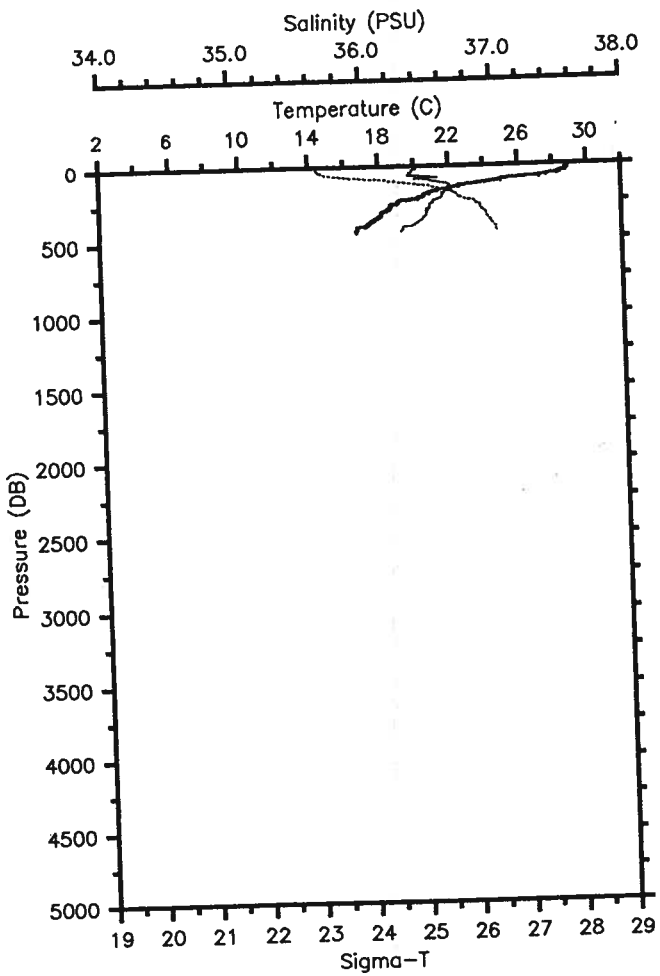
Prs	Tem	Sal	SigT
0	28.66	36.313	23.17
10	28.66	36.311	23.17
20	28.63	36.313	23.18
30	28.62	36.312	23.18
40	28.60	36.309	23.18
50	28.40	36.313	23.25
60	26.96	36.395	23.78
70	26.73	36.430	23.88
80	26.35	36.462	24.03
90	25.65	36.539	24.31
100	25.16	36.544	24.46
110	24.19	36.534	24.75
120	23.73	36.721	25.03
130	22.58	36.620	25.28
140	21.55	36.468	25.46
150	20.94	36.680	25.79
160	19.77	36.497	25.97
170	19.20	36.446	26.08
180	18.67	36.438	26.21
190	17.67	36.301	26.35
200	16.72	36.178	26.49
250	14.23	35.830	26.78
300	11.38	35.406	27.02
350	8.91	35.115	27.22
368	8.13	35.020	27.27

RES-STACS21-85 CTD 83 RESEARCHER
Date 09 03 85 Latitude 29.030 N
Time 2018 Z Longitude 80.025 W



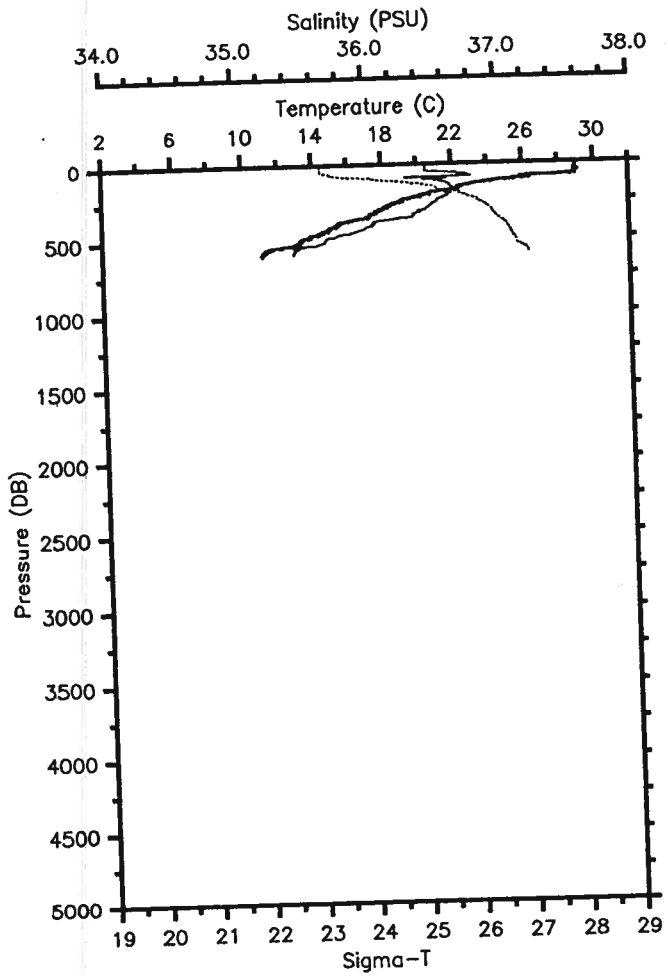
Prs	Tem	Sal	SigT
0	28.92	36.169	22.97
10	28.87	36.126	23.02
20	28.55	36.198	23.12
30	28.54	36.266	23.17
40	28.51	36.309	23.21
50	28.08	36.261	23.32
60	26.36	36.366	23.95
70	25.43	36.357	24.24
80	24.42	36.334	24.53
90	23.45	36.342	24.82
100	22.63	36.326	25.05
110	21.40	36.252	25.34
120	20.70	36.254	25.53
130	19.87	36.292	25.78
140	18.58	36.206	26.05
150	17.66	36.158	26.24
160	16.22	36.065	26.52
170	15.33	35.963	26.64
180	14.11	35.810	26.79

RES-STACS21-85 CTD 84 RESEARCHER
Date 09 05 85 Latitude 27.005 N
Time 0821 Z Longitude 79.203 W



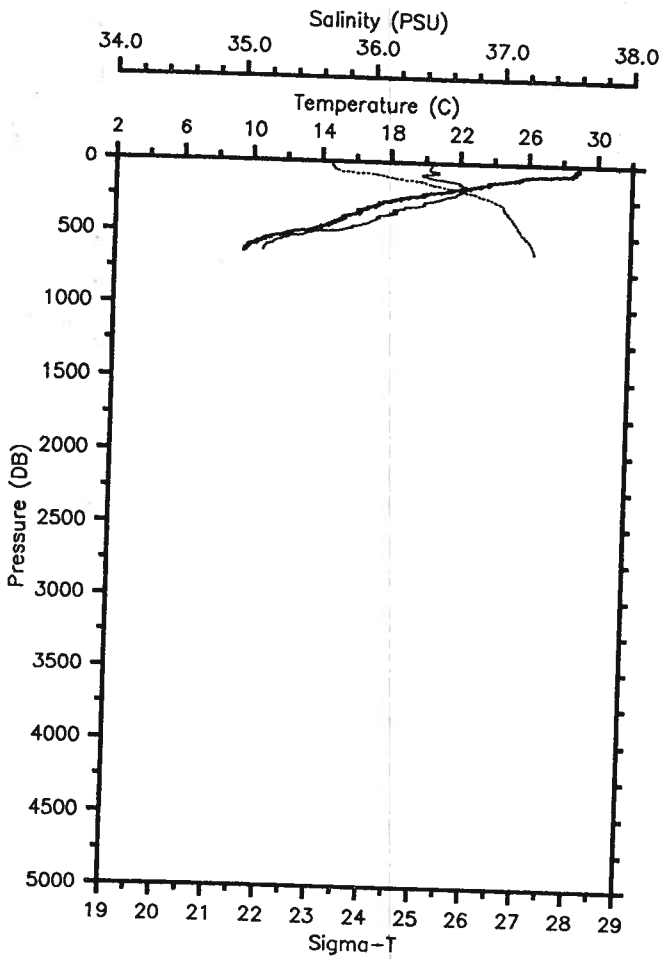
Prs	Tem	Sal	SigT
0	28.96	36.370	23.11
10	28.95	36.398	23.13
20	28.94	36.419	23.15
30	28.80	36.384	23.17
40	28.76	36.389	23.19
50	28.47	36.374	23.27
60	28.36	36.389	23.32
70	27.70	36.496	23.62
80	27.24	36.584	23.84
90	25.54	36.471	24.29
100	25.04	36.530	24.49
110	24.53	36.579	24.68
120	23.76	36.657	24.97
130	22.97	36.671	25.21
140	22.60	36.672	25.32
150	22.06	36.684	25.48
160	21.85	36.674	25.53
170	21.25	36.651	25.68
180	20.93	36.641	25.77
190	20.65	36.626	25.83
200	20.60	36.624	25.84
250	19.06	36.550	26.19
300	18.39	36.507	26.33
350	17.87	36.473	26.43
400	17.27	36.390	26.52
440	16.70	36.301	26.59

RES-STACS21-85 CTD 85 RESEARCHER
Date 09 05 85 Latitude 27.008 N
Time 0907 Z Longitude 79.300 W



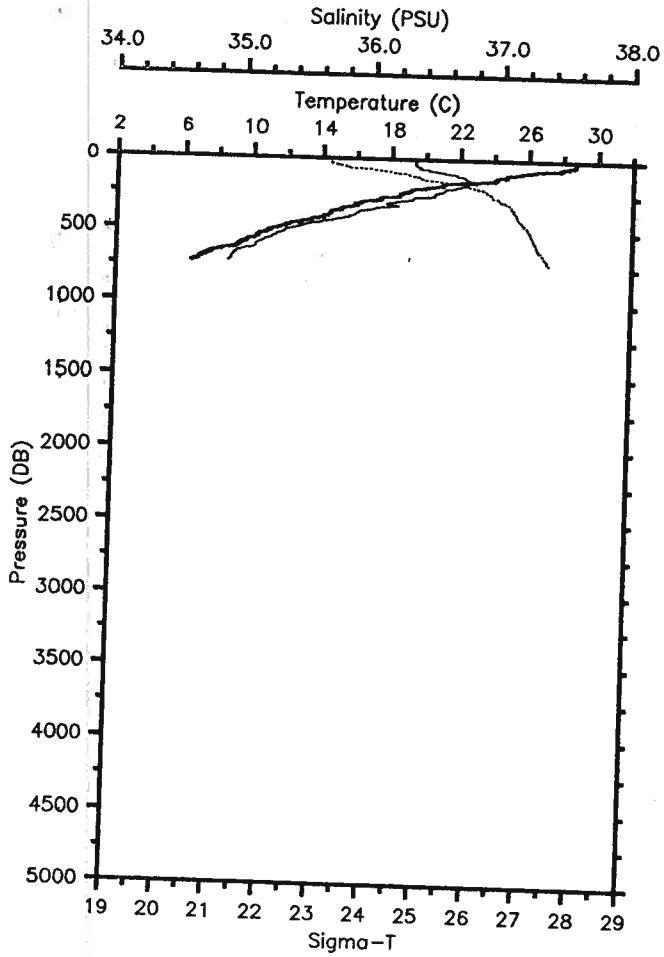
Prs	Tem	Sal	SigT
0	28.98	36.470	23.18
10	28.98	36.469	23.18
20	28.99	36.471	23.17
30	28.99	36.469	23.17
40	29.00	36.470	23.17
50	29.00	36.493	23.19
60	29.05	36.620	23.27
70	28.99	36.722	23.36
80	28.70	36.800	23.52
90	26.59	36.319	23.84
100	26.23	36.626	24.19
110	25.42	36.535	24.37
120	24.44	36.595	24.72
130	23.69	36.627	24.97
140	23.16	36.656	25.14
150	22.59	36.668	25.32
160	22.40	36.677	25.38
170	22.35	36.704	25.42
180	21.71	36.658	25.56
190	20.91	36.646	25.77
200	20.75	36.661	25.83
250	19.13	36.559	26.18
300	18.00	36.470	26.40
350	17.31	36.383	26.50
400	15.48	36.058	26.68
450	14.68	35.942	26.77
500	13.42	35.708	26.86
550	12.06	35.474	26.95
600	11.15	35.457	27.10

RES-STACS21-85 CTD 86 RESEARCHER
Date 09 05 85 Latitude 27.003 N
Time 1129 Z Longitude 79.377 W



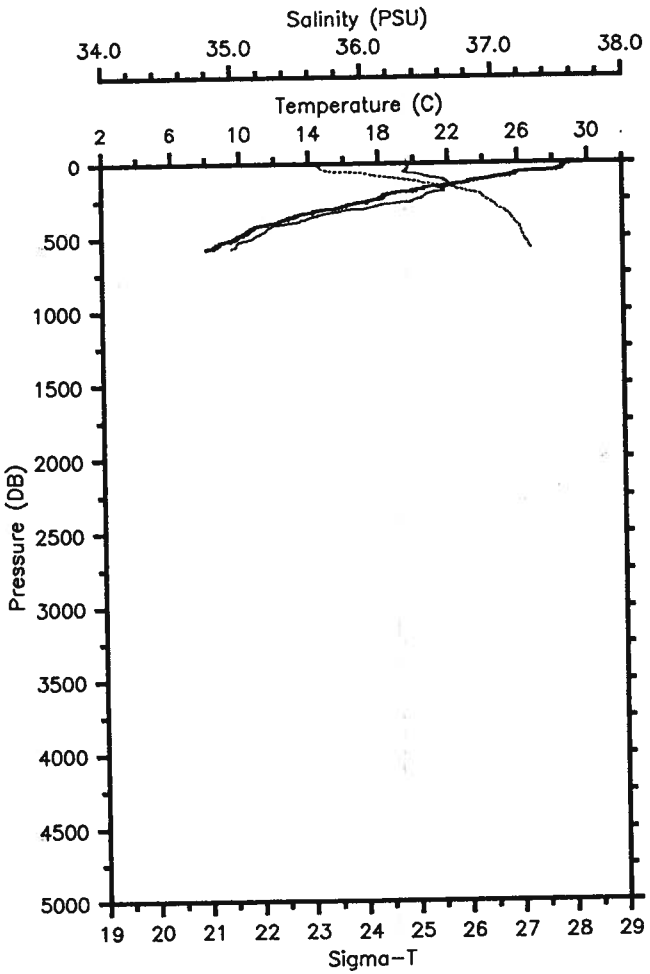
Prs	Tem	Sal	SigT
0	28.94	36.444	23.17
10	28.90	36.446	23.19
20	28.91	36.447	23.18
30	28.88	36.441	23.19
40	28.75	36.434	23.23
50	28.71	36.434	23.24
60	28.63	36.463	23.29
70	28.34	36.451	23.38
80	27.00	36.418	23.79
90	25.86	36.371	24.11
100	25.53	36.421	24.26
110	25.23	36.458	24.38
120	24.70	36.559	24.61
130	23.80	36.633	24.94
140	23.69	36.658	25.00
150	23.25	36.680	25.14
160	23.07	36.712	25.21
170	22.64	36.740	25.36
180	21.97	36.707	25.53
190	21.53	36.705	25.65
200	21.13	36.671	25.73
250	16.67	36.524	26.27
300	17.27	36.389	26.52
350	16.23	36.178	26.60
400	15.17	36.023	26.72
450	14.20	35.859	26.81
500	12.33	35.528	26.94
550	10.72	35.292	27.05
600	9.76	35.168	27.12
626	9.58	35.152	27.14

RES-STACS21-85 CTD 87 RESEARCHER
Date 09 05 85 Latitude 26.995 N
Time 1437 Z Longitude 79.507 W



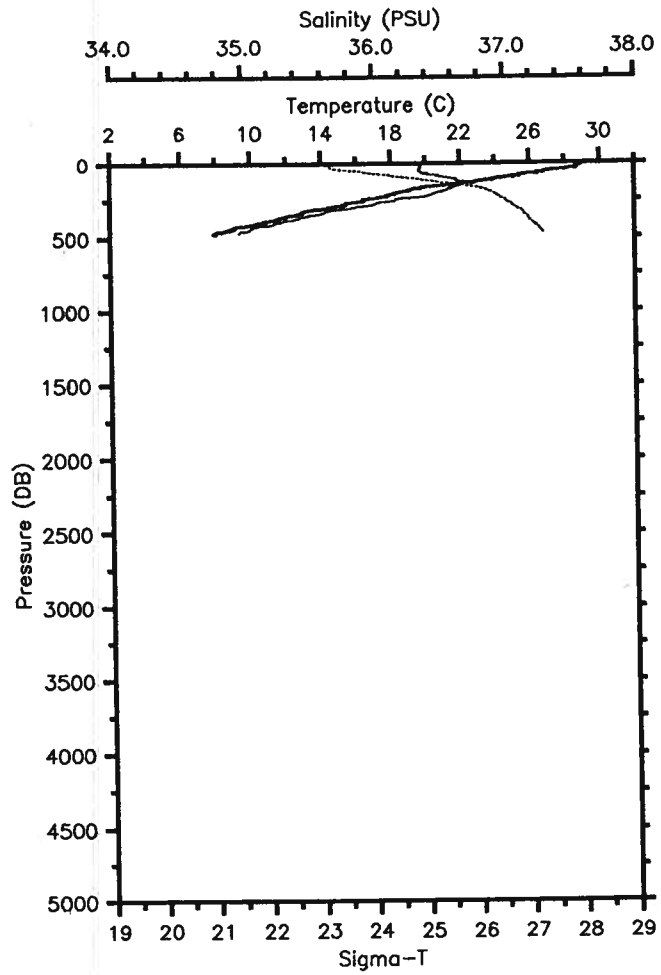
Prs	Tem	Sal	SigT
0	28.75	36.291	23.12
10	28.72	36.291	23.13
20	28.70	36.321	23.16
30	28.68	36.318	23.16
40	28.52	36.315	23.21
50	28.05	36.334	23.38
60	27.82	36.360	23.48
70	26.71	36.394	23.86
80	26.20	36.442	24.06
90	25.62	36.524	24.31
100	25.17	36.582	24.49
110	24.73	36.646	24.67
120	24.40	36.685	24.80
130	24.13	36.710	24.90
140	24.03	36.727	24.94
150	23.41	36.789	25.17
160	22.12	36.781	25.54
170	21.16	36.723	25.77
180	20.99	36.708	25.80
190	20.63	36.666	25.87
200	20.01	36.630	26.00
250	18.52	36.470	26.27
300	16.37	36.164	26.56
350	15.15	35.991	26.70
400	14.12	35.815	26.79
450	12.61	35.551	26.90
500	11.02	35.325	27.03
550	10.15	35.213	27.09
600	9.25	35.094	27.15
650	7.84	34.950	27.26
700	6.87	34.900	27.36
724	6.45	34.885	27.40

RES-STACS21-85 CTD 88 RESEARCHER
Date 09 05 85 Latitude 26.997 N
Time 2109 Z Longitude 79.627 W



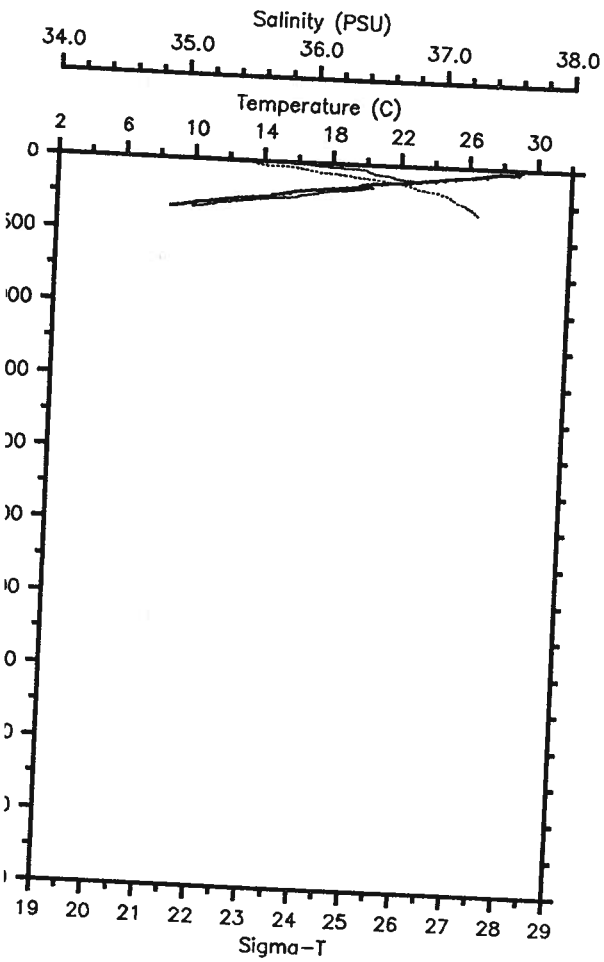
Prs	Tem	Sal	SigT
0	28.99	36.320	23.06
10	28.76	36.331	23.14
20	28.70	36.365	23.19
30	28.58	36.361	23.23
40	28.52	36.353	23.24
50	28.20	36.351	23.35
60	27.00	36.349	23.74
70	25.98	36.431	24.12
80	25.74	36.472	24.23
90	25.27	36.517	24.41
100	24.56	36.591	24.68
110	24.13	36.645	24.85
120	23.44	36.655	25.06
130	23.12	36.668	25.16
140	22.48	36.684	25.36
150	21.85	36.689	25.55
160	21.23	36.659	25.69
170	20.67	36.642	25.84
180	20.20	36.633	25.96
190	19.90	36.625	26.03
200	18.99	36.539	26.20
250	17.61	36.406	26.45
300	15.76	36.067	26.63
350	13.28	35.666	26.85
400	12.02	35.464	26.95
450	10.56	35.268	27.06
500	9.81	35.175	27.12
550	8.69	35.044	27.20
576	8.11	34.998	27.26

RES-STACS21-85 CTD 89 RESEARCHER
Date 09 05 85 Latitude 27.000 N
Time 2243 Z Longitude 79.693 W



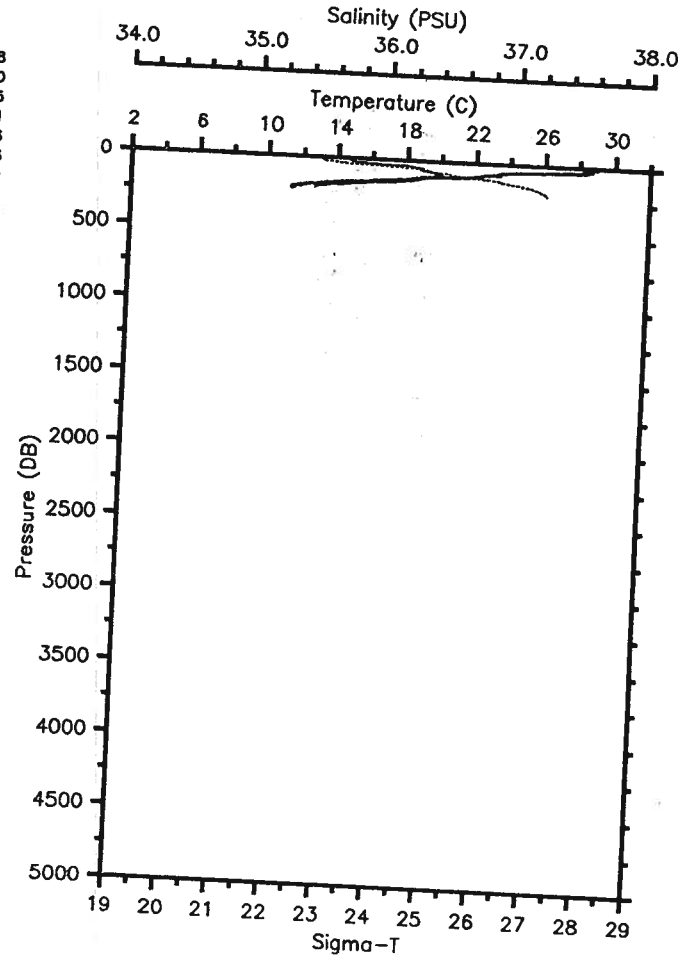
Prs	Tem	Sal	SigT
0	28.91	36.201	23.00
10	28.96	36.335	23.08
20	28.77	36.364	23.17
30	28.70	36.371	23.20
40	28.22	36.364	23.35
50	27.29	36.346	23.64
60	26.81	36.375	23.82
70	26.40	36.393	23.96
80	25.50	36.472	24.30
90	25.08	36.518	24.47
100	24.46	36.587	24.71
110	23.93	36.645	24.91
120	23.24	36.660	25.12
130	22.88	36.767	25.31
140	21.78	36.690	25.57
150	21.14	36.690	25.74
160	20.24	36.603	25.92
170	19.66	36.610	26.08
180	19.14	36.567	26.18
190	18.84	36.536	26.24
200	18.35	36.482	26.32
250	16.47	36.175	26.54
300	14.43	35.859	26.76
350	12.27	35.517	26.94
400	10.64	35.291	27.07
450	8.72	35.059	27.21
470	8.00	34.982	27.26

RES-STACS21-85 CTD 90 RESEARCHER
Date 09 06 85 Latitude 26.993 N
Time 0010 Z Longitude 79.802 W



Prs	Tem	Sal	SigT
0	29.09	35.323	22.28
10	29.03	35.722	22.60
20	28.89	35.999	22.85
30	28.66	36.234	23.11
40	27.35	36.402	23.66
50	26.85	36.411	23.83
60	26.42	36.443	23.99
70	25.58	36.505	24.30
80	24.69	36.611	24.66
90	24.12	36.643	24.85
100	23.25	36.790	25.22
110	22.62	36.768	25.39
120	21.67	36.670	25.58
130	20.20	36.373	25.76
140	19.86	36.380	25.85
150	19.64	36.432	25.95
160	19.37	36.421	26.01
170	18.20	36.357	26.26
180	17.35	36.267	26.40
190	16.51	36.144	26.51
200	15.85	36.063	26.60
250	13.44	35.712	26.86
300	10.15	35.247	27.12
330	8.69	35.053	27.21

RES-STACS21-85 CTD 91 RESE
Date 09 06 85 Latitude 27.007 N
Time 0117 Z Longitude 79.880 W



Prs	Tem
0	28.91
10	28.83
20	28.63
30	28.23
40	27.91
50	25.18
60	23.92
70	23.32
80	22.68
90	22.26
100	21.39
110	19.55
120	18.52
130	17.90
140	16.91
150	15.86
160	14.62
170	13.67
180	12.91
190	12.15
200	11.58
210	11.38

APPENDIX C: XBT DATA

Casts are presented by cruise and increasing cast number. Isotherm depths in meters are listed at temperatures ranging from 28 to 7 degrees Centrigrade.

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS17-84

XBT NO.	1	2	3	4	5	6	7
YEAR	84	84	84	84	84	84	84
MONTH	8	8	8	8	8	8	8
DAY (GMT)	28	28	28	28	28	28	29
TIME (GMT)	1614	1722	1829	1944	2053	2209	1230
LAT (N)	19.85	19.88	19.90	19.93	19.95	19.92	20.66
LON (W)	69.29	69.54	69.79	70.05	70.32	70.61	71.08
SURF T (C)	28.1	28.7	28.3	28.0	28.8	28.5	28.3
29							
28	55	49	26				
27	71	75	60	31	45	51	70
26	82	85	76	36	68	68	83
25	107	96	104	88	95	96	100
24	136	127	143	113	132	133	121
23	165	171	169	149	161	160	133
22	183	188	186	164	184	176	152
21	198	203	210	180	203	197	177
20	222	225	231	208	222	223	199
19	244	249	253	234	238	245	232
18	281	287	291	281	282	284	292
17	351	343	345	330	314	339	355
16	406	399	388	376	351	378	404
15	444	444	431	421	374	416	453
14	481	482	469	461	436	447	498
13	525	517	512	506	490	485	539
12	559	563	553	540	539	527	595
11	637	610	587	585	591	571	660
10		660	645	650	653	613	
9						673	
8							
7							
6							

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS17-84

XBT NO.	8	9	10	11	12	13	14
YEAR	84	84	84	84	84	84	84
MONTH	8	8	8	8	8	8	8
DAY (GMT)	29	29	29	29	29	29	29
TIME (GMT)	1345	1444	1609	1729	1834	1945	2100
LAT (N)	20.58	20.51	20.43	20.36	20.30	20.22	20.13
LON (W)	71.31	71.57	71.81	72.06	72.32	72.58	73.00
SURF T (C)	28.0	28.0	27.6	27.3	28.1	27.2	28.2
29							
28		50	51	53	49	43	63
27	64	65	60	67	66	58	78
26	73	79	95	89	85	74	111
25	79	94	126	119	111	99	130
24	114	119	151	147	145	127	150
23	140	140	168	169	168	146	179
22	147	155	181	188	187	167	199
21	182	172	192	205	202	191	215
20	204	202	210	226	220	205	233
19	245	229	246	252	244	237	250
18	310	301	291	287	283	277	293
17	377	400	359	337	330	345	348
16	417	427	399	374	372	389	386
15	464	461	451	414	405	425	423
14	503	501	491	448	461	468	460
13	547	544	528	477	495	498	484
12	593	608	581	545	546	537	516
11	642	656	622	601	593	580	559
10			675	647	642	633	615
9							652
8							
7							
6							

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS18-85

XBT NO.	1	2	3	4	5	6	7
YEAR	85	85	85	85	85	85	85
MONTH	4	4	4	4	4	4	4
DAY (GMT)	18	19	19	19	19	19	19
TIME (GMT)	1940	0815	0916	1015	1115	1215	1315
LAT (N)	27.03	27.50	27.53	27.55	27.59	27.63	27.65
LON (W)	79.44	79.23	79.99	78.73	78.48	78.23	77.98
SURF T (C)	25.4	25.0	24.5	23.4	23.4	23.4	23.2
28							
27							
26							
25	68						
24	120	104	57				
23	136	131	93	24	34	36	57
22	151	163	154	127	117	130	131
21	165	170	195	169	158	164	178
20	184	183	225	207	194	192	217
19	221	227	259	249	231	224	264
18	252	293	343	335	298	280	290
17	291	392		425	381	342	302
16	332			472	439	388	323
15	366			494	494	433	350
14	390				540	470	374
13	435				584	513	403
12	465				633	566	471
11	490				672	620	538
10						651	585
9							651
8							
7							
6							

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS18-85

XBT NO.	8	9	10	11	12	13	14
YEAR	85	85	85	85	85	85	85
MONTH	4	4	4	4	4	4	4
DAY (GMT)	19	19	19	19	19	19	19
TIME (GMT)	1414	1515	1614	1719	1815	1916	2014
LAT (N)	27.71	27.76	27.80	27.83	27.96	28.10	28.19
LON (W)	77.73	77.45	77.27	77.06	76.85	76.68	76.47
SURF T (C)	23.6	23.4	23.2	22.8	22.9	22.8	22.6
28							
27							
26							
25							
24							
23	34	54	50				
22	136	112	133	146	135	145	155
21	178	162	183	215	214	188	216
20	219	207	233	271	281	256	250
19	255	256	276	319	326	302	287
18	322	360	376	417	471	479	452
17	396	450	490	530	603		
16	441	506	554	582	665		
15	464	544	595	619			
14	501	589	632	667			
13	535	628	669				
12	571	669					
11	606						
10	642						
9							
8							
7							
6							

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS18-85

XBT NO.	15	16	17	18	19	20	21
YEAR	85	85	85	85	85	85	85
MONTH	4	4	4	4	4	4	4
DAY (GMT)	19	19	19	20	20	20	20
TIME (GMT)	2115	2214	2315	0015	0125	0214	0315
LAT (N)	28.30	28.39	28.51	28.60	28.73	28.84	28.98
LON (W)	76.27	76.03	75.85	75.58	75.36	75.20	75.02
SURF T (C)	23.6	22.9	23.1	22.5	22.2	22.4	22.3
28							
27							
26							
25							
24							
23			20				
22	140	151	151	75	21	42	29
21	210	228	192	146	70	80	74
20	265	274	235	195	128	111	121
19	309	319	276	243	190	157	170
18	481	426	407	366	346	299	312
17	614	551	528	491	472	438	443
16		619	604	570	538	510	505
15		670	645	618	589	567	553
14				660	638	617	608
13						668	672
12							
11							
10							
9							
8							
7							
6							

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS18-85

XBT NO.	22	23	24	25	26	27	28
YEAR	85	85	85	85	85	85	85
MONTH	4	4	4	4	4	4	4
DAY (GMT)	21	21	22	23	26	26	26
TIME (GMT)	0514	1723	1659	1815	0319	0459	0700
LAT (N)	28.43	27.81	27.37	26.54	26.43	26.22	25.97
LON (W)	75.25	75.63	75.89	76.38	76.55	76.11	75.63
SURF T (C)	22.8	22.2	22.9	23.7	23.9	23.7	24.1
28							
27							
26							
25							
24							
23				25	34	46	49
22		77	114	130	143	137	124
21	42	144	163	188	203	193	180
20	65	191	200	244	237	245	227
19	107	236	257	291	280	282	276
18	245	354	377	395	388	367	384
17	394	484	488	488	492	478	483
16	479					539	538
15	532					588	582
14						622	631
13						671	673
12							
11							
10							
9							
8							
7							
6							

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS18-85

XBT NO.	29	30	31	32	33	34	35
YEAR	85	85	85	85	85	85	85
MONTH	4	4	4	4	4	4	4
DAY (GMT)	26	26	26	26	26	26	26
TIME (GMT)	0859	1059	1259	1459	1659	1900	2100
LAT (N)	25.76	25.55	25.33	25.07	24.85	24.63	24.44
LON (W)	75.19	74.70	74.23	73.75	73.27	72.83	72.37
SURF T (C)	23.9	24.0	23.8	22.7	24.8	24.7	26.4
28							
27							
26							
25							
24		58				26	28
23	55	120	87	21	44	49	47
22	157	191	161	108	93	84	78
21	199	232	201	155	136	119	106
20	247	265	232	199	178	156	136
19	289	292	271	247	215	192	187
18	365	362	361	319	296	289	289
17	479	466	464	434	406	412	415
16	564	518	527	498	467	467	489
15	612	567	570	533	510	517	535
14	648	605	618	570	555	560	591
13		653	666	622	605	603	626
12				666	647	647	669
11					678		
10							
9							
8							
7							
6							

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS18-85

XBT NO.	36	37	38	39	40	41	42
YEAR	85	85	85	85	85	85	85
MONTH	4	5	5	5	5	5	5
DAY (GMT)	28	1	1	1	1	1	8
TIME (GMT)	1920	0059	0159	0259	0357	1759	1115
LAT (N)	21.93	19.36	19.50	19.67	19.82	20.10	20.02
LON (W)	72.57	69.19	68.99	68.79	68.63	66.13	66.61
SURF T (C)	25.6	25.9	25.7	25.6	25.8	26.2	26.2
28							
27							
26							24
25	50	64	54	39	46	94	105
24	93	99	82	77	80	121	132
23	129	132	102	94	112	149	153
22	156	140	125	116	130	165	171
21	178	160	147	134	149	190	186
20	203	181	167	162	167	220	206
19	236	217	200	196	197	247	233
18	298	259	271	249	260	281	274
17	391	322	346	355	343	318	332
16	439	381	403	409	392	380	377
15	502	410	443	437	439	420	413
14		454	480	473	475	456	441
13			524	512	518	503	473
12			570	562	558	525	496
11			609	590	602		533
10			646	624	659		559
9				677			624
8							
7							
6							

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS18-85

XBT NO.	43	44	45	46	47	48	49
YEAR	85	85	85	85	85	85	85
MONTH	5	5	5	5	5	5	5
DAY (GMT)	8	8	8	8	8	8	9
TIME (GMT)	1350	1515	1716	1915	2115	2315	0116
LAT (N)	20.27	20.43	20.59	20.81	21.01	21.23	21.42
LON (W)	67.23	67.55	68.03	68.55	69.03	69.49	70.00
SURF T (C)	26.5	26.5	26.7	26.8	26.6	26.5	26.5
28							
27							
26	36	26	44	43	35	32	29
25	85	96	114	84	100	91	66
24	112	128	134	120	110	103	97
23	139	145	154	147	135	125	129
22	177	161	174	172	164	152	150
21	203	196	199	194	184	170	170
20	226	221	220	221	217	201	185
19	247	247	247	251	239	224	215
18	278	289	296	316	287	271	275
17	343	371	372	389	353	346	375
16	388	425	410	446	402	396	417
15	437	465	461	486	449	426	470
14	484	506	502	531	490	448	507
13	537	548	536	578	527	477	540
12	591	602	601	622	575	510	573
11	620	644	651	658	610	552	633
10					633	591	
9					672		
8							
7							
6							

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS18-85

XBT NO.	50	51	52	53	54	55	56
YEAR	85	85	85	85	85	85	85
MONTH	5	5	5	5	5	5	5
DAY (GMT)	9	9	9	9	9	10	10
TIME (GMT)	0318	0515	0715	0914	1114	2114	2315
LAT (N)	21.59	21.78	21.90	21.08	21.28	23.93	24.05
LON (W)	70.45	70.91	71.39	71.84	72.33	72.63	73.11
SURF T (C)	26.3	25.9	26.1	25.9	25.9	25.0	25.3
28							
27							
26	30						
25	46	25	62	51	41	20	23
24	83	64	92	81	66	27	42
23	120	106	123	110	104	49	71
22	141	139	147	138	144	76	105
21	163	168	174	163	170	112	134
20	183	185	196	191	188	146	159
19	225	219	225	223	214	193	211
18	288	295	297	305	277	269	296
17	385	395	395	397	384	393	397
16	444	448	439	451	448	456	465
15	487	485	483	486	483	501	509
14	525	517	523	529	526	551	554
13	559	557	556	561	556	587	596
12	603	600	603	598	597	637	638
11	652	648	646	633	633		677
10							
9							
8							
7							
6							

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS18-85

XBT NO.	57	58	59	60	61	62	63
YEAR	85	85	85	85	85	85	85
MONTH	5	5	5	5	5	5	5
DAY (GMT)	11	11	11	11	11	11	11
TIME (GMT)	0115	0315	0515	0714	0914	1115	1315
LAT (N)	24.30	24.58	24.90	25.21	25.50	25.76	26.07
LON (W)	73.52	73.95	74.30	74.71	75.20	75.60	76.06
SURF T (C)	25.2	24.3	23.9	23.8	23.8	24.1	24.1
28							
27							
26							
25	17						
24	30	23				57	32
23	53	46	26	41	43	98	49
22	96	88	67	101	124	168	142
21	120	129	111	153	172	208	192
20	156	158	153	197	217	244	248
19	196	208	207	246	262	283	289
18	277	310	307	347	344	354	373
17	392	394	432	460	451	449	477
16	462	448	499	522	504	501	541
15	503	492	551	572	548	544	585
14	538	533	596	606	588	581	636
13	586	594	634	646	632	610	674
12	628	671	679			659	
11	668						
10							
9							
8							
7							
6							

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS18-85

XBT NO.	64	66	67	68	69	70	71
YEAR	85	85	85	85	85	85	85
MONTH	5	5	5	5	5	5	5
DAY (GMT)	11	14	14	14	14	14	15
TIME (GMT)	1515	1729	1834	1930	2035	2300	0000
LAT (N)	26.36	29.00	29.01	29.01	29.00	28.98	29.00
LON (W)	76.51	76.12	76.39	76.65	76.89	77.37	77.64
SURF T (C)	23.8	23.6	24.2	24.0	24.0	25.4	25.6
28							
27							
26							
25							43
24						33	65
23	70	57	49	28	25	55	99
22	144	131	124	93	86	134	142
21	189	189	178	142	139	198	196
20	235	237	226	193	187	249	234
19	274	286	269	241	236	289	278
18	350	390	374	341	356	402	388
17	453	495	486	470	480	501	512
16	519	591	555	540	549	556	564
15	570	632	609	584	594	609	601
14	613	677	636	626	630	637	627
13	643			668	669		660
12	676						
11							
10							
9							
8							
7							
6							

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS18-85

XBT NO.	72	73	74	75	76	77	78
YEAR	85	85	85	85	85	85	85
MONTH	5	5	5	5	5	5	5
DAY (GMT)	15	15	16	16	16	16	16
TIME (GMT)	0100	0509	1559	1659	1759	1900	2000
LAT (N)	29.02	29.00	28.84	28.59	28.41	28.21	28.15
LON (W)	77.88	78.03	80.04	79.92	79.85	79.77	79.73
SURF T (C)	25.6	24.4	27.0	28.0	27.7	27.8	28.0
28				24	25	35	47
27			24	35	39	50	65
26							
25	26		34	45	47	61	84
24	46	21	47	57	63	70	102
23	77	47	64	73	75	82	115
22	126	131	76	87	86	92	129
21	158	168	87	100	102	104	140
20	198	205	94	107	113	113	151
19	244	245	100	114	124	123	171
18	353	347	105	123	138	131	182
17	459	456	109	135	146	142	195
16	504	515	116	144	155	168	208
15	560	553	126	151	169	189	227
14	595	608	146	158	189	204	248
13	642	658	157	168	214	227	262
12				178	228	244	280
11				187	236	270	292
10				208	247	288	323
9					262	305	347
8						344	405
7							
6							

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS18-85

XBT NO.	79	80	81
YEAR	85	85	85
MONTH	5	5	5
DAY (GMT)	16	16	16
TIME (GMT)	2100	2200	2300
LAT (N)	27.87	27.48	27.46
LON (W)	79.62	79.44	79.44
SURF T (C)	27.8	27.8	27.7
28			
27			
26	53	55	60
25	92	103	112
24	110	132	132
23	127	146	163
22	151	157	175
21	169	170	184
20	187	191	204
19	208	222	226
18	233	239	256
17	271	293	313
16	303	328	337
15	335	361	397
14	366	400	457
13	386	426	482
12	410	455	508
11	432	511	538
10	439	541	583
9	468	561	618
8	573	597	
7	665		
6			

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS19-85

XBT NO.	1	2	3	4	5	6	7
YEAR	85	85	85	85	85	85	85
MONTH	5	5	5	5	5	5	6
DAY (GMT)	29	29	30	30	30	31	1
TIME (GMT)	1930	2231	0045	0245	0505	2212	0219
LAT (N)	27.00	27.00	27.02	27.02	27.01	26.51	26.53
LON (W)	79.88	79.69	79.52	79.40	79.21	76.38	76.48
SURF T (C)	27.5	27.9	27.3	27.0	26.3	26.2	26.0
28							
27	33	32	30	2			
26	52	65	62	52	26	6	
25	63	104	102	107	46	35	40
24	73	121	130	118	74	59	68
23	81	133	147	157	92	86	95
22	96	146	168	186	156	136	145
21	103	159	184	201	184	183	183
20	113	171	201	211	211	213	213
19	122	180	224	231	270	250	249
18	131	197	250	279	322	354	359
17	137	220	276	340	401	456	454
16	142	238		388	457	518	500
15	151	260		429		551	541
14	159	285		466		595	569
13	168	303		481		647	625
12	185	316		507		686	698
11	198	337		574		735	742
10	213	391		611		776	780
9		431					
8		473					
7							
6							

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS19-85

XBT NO.	8	9	10	11	12	13	14
YEAR	85	85	85	85	85	85	85
MONTH	6	6	6	6	6	6	6
DAY (GMT)	1	2	2	3	4	4	5
TIME (GMT)	0708	0046	0433	1559	1600	2122	0246
LAT (N)	26.54	26.55	26.54	25.15	27.32	27.34	26.90
LON (W)	76.64	76.80	76.64	75.61	76.05	75.88	76.12
SURF T (C)	25.9	26.6	26.8	26.8	26.6	26.8	26.5
28							
27							
26	3	19	28	11	17	17	15
25	34	44	45	21	32	32	33
24	55	61	61	30	49	47	56
23	92	81	87	60	73	73	74
22	157	147	138	124	125	135	107
21	202	187	183	176	166	153	149
20	231	229	232	208	212	198	185
19	257	257	271	270	263	239	226
18	344	329	351	357	429	428	331
17	445	450	452	471		563	476
16	506	501	507	523		605	548
15	541	551	541			655	600
14	578	575	575			708	644
13	618	606	611			750	681
12	656	638	655			796	721
11	694	673	679				758
10	739	691	713				
9	774	736	762				
8		760					
7							
6							

ISOTHERM DEPTHS (m)

R/V RESEARCHER RES-STACS19-85

XBT NO.	15	16	17	18	19
YEAR	85	85	85	85	85
MONTH	6	6	6	6	6
DAY (GMT)	5	5	6	6	6
TIME (GMT)	0732	2212	0140	0525	0910
LAT (N)	26.51	26.53	26.53	26.53	26.55
LON (W)	76.37	76.52	76.61	76.74	76.84
SURF T (C)	26.5	26.7	26.2)	26.4	26.5
28					
27					
26	23	23	24	29	39
25	42	28	28	32	46
24	65	49	38	41	59
23	95	80	68	76	88
22	159	139	127	125	150
21	194	189	171	174	188
20	224	222	213	216	222
19	261	262	250	258	261
18	367	360	343	336	359
17	474	458	434	467	458
16	518	508	506	503	515
15	566	549	544	538	553
14	607	582	577	575	581
13	651	618	624	613	615
12	716	682	667	647	628
11	760	752	704	684	644
10	795	786	744	714	703
9			784	762	744
8					771
7					
6					

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS21-85

XBT NO.	1	2	3	4	5	6	7
YEAR	85	85	85	85	85	85	85
MONTH	8	8	8	8	8	8	8
DAY (GMT)	14	15	16	16	17	17	18
TIME (GMT)	1636	0507	0353	1655	0355	1555	0414
LAT (N)	11.88	12.51	13.50	14.01	14.74	15.25	16.22
LON (W)	63.53	63.53	63.50	63.59	63.56	63.55	63.08
SURF T (C)	28.4	28.3	28.3	28.2	28.3	28.1	28.4
28	23	27	32	44	42	56	51
27	37	50	53	63	59	64	70
26	46	60	72	78	74	79	86
25	62	90	83	115	120	142	109
24	74	103	98	134	144	174	137
23	79	108	108	148	162	187	162
22	83	114	116	154	178	200	180
21	93	138	153	161	197	214	190
20	122	168	168	173	220	228	215
19	155	180	190	185	238	242	229
18	177	189	204	205	259	263	245
17	200	200	218	229	284	288	265
16	240	212	244	240	306	327	291
15	255	234	267	271	323	354	313
14	289	251	297	302	363	395	335
13	329	273	316	322	385	413	368
12	353	310	345	362	410	470	392
11	380	377	384	393	471	494	455
10	398	424	441	435	506	522	495
9	447	501	525	488	571		
8	513			548			
7							
6							

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS21-85

XBT NO.	8	9	10	11	12	13	14
YEAR	85	85	85	85	85	85	85
MONTH	8	8	8	8	8	8	8
DAY (GMT)	18	19	19	20	22	22	23
TIME (GMT)	1559	0400	1639	0359	0400	1651	0359
LAT (N)	16.94	17.58	18.67	18.94	19.41	20.27	20.20
LON (W)	63.55	65.18	66.11	66.12	66.15	66.11	66.14
SURF T (C)	28.4	28.4	28.2	28.1	28.1	28.4	28.5
28	41	49	53	60	62	66	57
27	53	61	66	72	69	75	67
26	70	82	92	96	102	97	91
25	92	130	124	117	128	132	135
24	124	155	143	135	152	161	161
23	146	184	172	152	172	172	175
22	162	199	192	178	192	193	191
21	188	216	211	207	200	208	206
20	207	237	228	228	227	221	222
19	219	258	249	257	250	233	242
18	230	300	291	303	301	338	323
17	246	348	363	373	369	449	415
16	267	385	418	415	425	500	474
15	296	422	467	457	465	527	503
14	351	479	507	494	497		
13	420	513	536	530	530		
12	459	547					
11	533						
10							
9							
8							
7							
6							

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS21-85

XBT NO.	15	16	17	18	19	21	22
YEAR	85	85	85	85	85	85	85
MONTH	8	8	8	8	8	8	8
DAY (GMT)	23	24	24	25	26	27	27
TIME (GMT)	1603	0359	1544	1605	0401	0631	1400
LAT (N)	18.82	19.96	20.14	20.93	22.52	23.98	24.67
LON (W)	66.94	69.94	72.92	73.09	72.75	72.19	72.75
SURF T (C)	28.2	28.0	28.7	28.3	28.4	28.4	28.4
28	67	34	76	51	55	52	36
27	79	49	84	66	59	55	40
26	100	67	96	92	73	63	46
25	135	91	111	111	84	79	54
24	164	121	138	120	107	99	64
23	178	152	173	131	133	121	75
22	197	179	188	162	146	148	100
21	215	201	204	191	168	185	120
20	228	212	228	219	200	213	147
19	249	264	244	275	245	263	193
18	290	293	302	345	311	313	299
17	356	398	377	452	380	408	422
16	399	447	426	500	460	475	480
15	439	503	465	531	494	526	527
14	488	539	509				565
13	527						609
12							632
11							681
10							
9							
8							
7							
6							

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS21-85

XBT NO.	23	24	25	26	27	28	29
YEAR	85	85	85	85	85	85	85
MONTH	8	8	8	8	8	8	8
DAY (GMT)	27	27	27	27	28	28	28
TIME (GMT)	1600	1800	2001	2200	0000	0200	0400
LAT (N)	24.94	25.13	25.42	25.73	25.97	26.20	26.45
LON (W)	73.25	73.64	74.12	74.59	75.04	75.54	76.03
SURF T (C)	28.7	28.8	28.8	29.1	29.1	29.0	29.0
28	33	37	41	35	44	39	42
27	37	41	44	41	47	42	45
26	45	50	46	47	52	46	50
25	55	60	55	55	61	53	58
24	67	71	71	68	74	75	69
23	90	90	98	90	95	95	90
22	114	129	128	122	124	129	122
21	144	152	158	152	157	165	151
20	166	178	198	183	196	196	184
19	213	230	248	227	249	235	238
18	321	349	337	338	337	325	355
17	429	464	451	465	446	435	468
16	487	517	532	524	503	501	529
15	534	561	572	577	539	547	572
14	575	596	619	630	578	588	620
13	615		667	671	615	645	655
12	658		713	723	660	683	701
11	696		766	772	710	724	746
10	728				768	765	788
9	772						
8							
7							
6							

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS21-85

XBT NO.	30	31	32	33	34	35	36
YEAR	85	85	85	85	85	85	85
MONTH	8	8	9	9	9	9	9
DAY (GMT)	30	31	1	1	2	3	3
TIME (GMT)	1624	1559	1559	1559	1558	0358	1613
LAT (N)	26.51	26.92	28.67	28.67	29.02	29.02	29.02
LON (W)	76.49	76.14	75.08	75.08	77.31	78.88	79.93
SURF T (C)	29.1	28.5	28.7	28.7	28.2	28.1	28.7
28	48	42	31	31	41	48	58
27	50	46	39	39	46	59	71
26	53	50	43	43	52	78	88
25	60	65	49	49	59	87	100
24	72	78	57	57	70	97	117
23	94	98	71	71	85	116	124
22	126	126	91	91	106	142	135
21	159	159	115	115	134	169	154
20	189	201	137	137	165	205	160
19	242	268	183	183	219	263	178
18	344	433	333	333	339	381	187
17	463	555	461	461	462	496	198
16	527		536	536	539		207
15	563						230
14	617						263
13	681						279
12	710						298
11	756						322
10							335
9							355
8							
7							
6							

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS21-85

XBT NO.	37	38	39	40	41	42	43
YEAR	85	85	85	85	85	85	85
MONTH	9	9	9	9	9	9	9
DAY (GMT)	4	4	5	5	6	6	6
TIME (GMT)	0400	1632	0400	1615	0151	0213	0239
LAT (N)	29.05	29.01	27.75	27.02	27.00	26.99	27.00
LON (W)	79.90	79.18	79.29	79.61	79.88	79.80	79.69
SURF T (C)	28.7	28.2	28.6	28.7	28.7	28.7	28.5
28	66	69	67	65	46	44	37
27	80	86	79	71	49	55	60
26	98	95	94	89	52	66	76
25	108	110	110	109	57	73	83
24	130	121	121	124	63	79	104
23	139	139	138	144	80	88	119
22	149	157	157	162	99	115	127
21	158	176	190	171	108	120	139
20	172	211	214	179	113	142	150
19	189	263	239	215	118	154	168
18	206	355	315	236	124	164	191
17	215	475	408	251	139	176	224
16	228	500	471	267	145	202	250
15	246	538		292	158	227	277
14	260			315	168	246	298
13	282			362	180	262	324
12	294			403	192	275	353
11	319			430	222	292	375
10	341			456		308	405
9	365			516		326	425
8	423			553			453
7							
6							

ISOTHERM DEPTHS (m)

R/V RESEARCHER RES-STACS21-85

XBT NO.	44	45	46	47	48
YEAR	85	85	85	85	85
MONTH	9	9	9	9	9
DAY (GMT)	6	6	6	6	6
TIME (GMT)	0301	0323	0354	0414	0434
LAT (N)	26.99	27.00	27.01	27.00	27.01
LON (W)	79.63	79.51	79.38	79.30	79.21
SURF T (C)	28.4	28.6	28.8	28.8	28.7
28	50	56	55	65	62
27	66	70	66	69	65
26	76	79	77	77	77
25	93	99	99	93	91
24	112	112	113	114	104
23	126	135	127	124	128
22	141	146	145	148	150
21	155	154	163	173	182
20	165	174	187	191	200
19	185	191	218	221	233
18	209	237	249	283	308
17	243	290	318	347	395
16	302	331	354	383	448
15	330	385	403	442	
14	355	399	449	479	
13	371	425	475	507	
12	400	453	495	541	
11	421	485	557		
10	489	547			
9	518	587			
8	578	632			
7		695			
6					

ISOTHERM DEPTHS (m)

R/V RESEARCHER RES-STACS22-85

XBT NO.	1	2	3	4	5	6
YEAR	85	85	85	85	85	85
MONTH	10	10	10	10	10	10
DAY (GMT)	28	29	29	29	30	30
TIME (GMT)	2053	1734	1935	2256	0031	0434
LAT (N)	26.55	26.54	26.52	26.56	26.53	26.51
LON (W)	76.85	76.84	76.74	76.67	76.52	76.38
SURF T (C)	27.0	27.1	27.1	27.1	27.1	27.3
28						
27	5	8	71	63	7	60
26	65	82	76	68	65	64
25	79	94	84	76	70	73
24	93	107	99	90	78	86
23	112	130	115	112	96	100
22	145	159	139	133	124	125
21	180	187	171	160	144	155
20	208	214	202	186	175	184
19	241	246	240	241	230	237
18	363	366	357	353	342	355
17	437	456	454	445	454	459
16	498	521	503	505	504	502
15	541	557	541	552	541	548
14	585	580	587	587	582	594
13	629	620	620	611	619	639
12	666	639	660	644	656	671
11	708	661	691	676	699	704
10	733	710	720	727	733	741
9		751	758	762	775	790
8		776				
7						
6						