NOAA Data Report ERL AOML-10

# CURRENT VELOCITY AND HYDROGRAPHIC OBSERVATIONS IN THE STRAITS OF FLORIDA, THE CARIBBEAN SEA AND OFFSHORE OF THE ANTILLEAN ARCHIPELAGO: SUBTROPICAL ATLANTIC CLIMATE STUDIES (STACS) 1986

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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. Data taken from cruises during 1985 are described in Wilburn et al. (in press). 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 four cruises--January, March, July and October 1986--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.

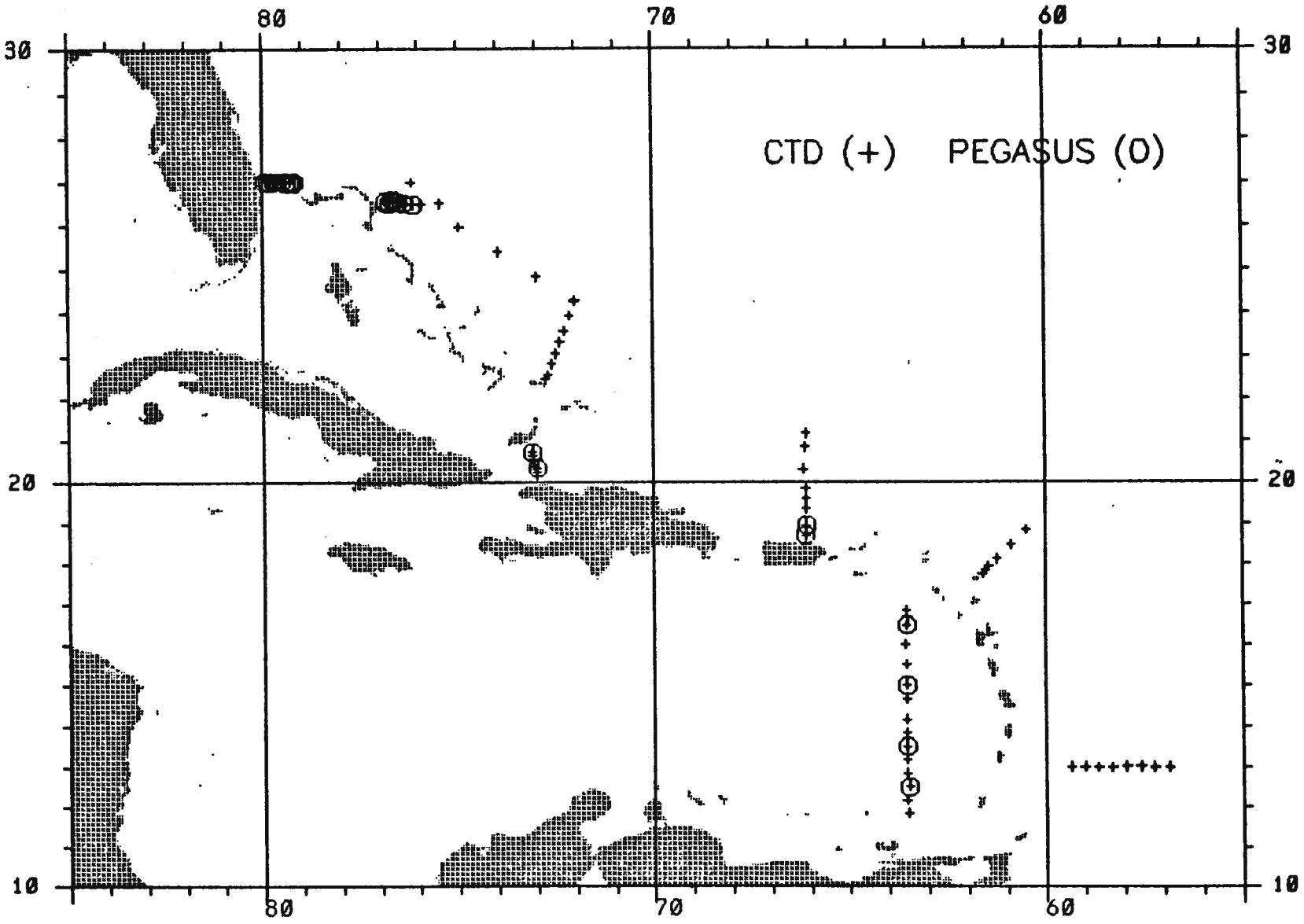


Figure 1. Map of the STACS study area. O indicates PEGASUS stations; + indicates CTD stations. Ametek-Straza data are collected along all sections.

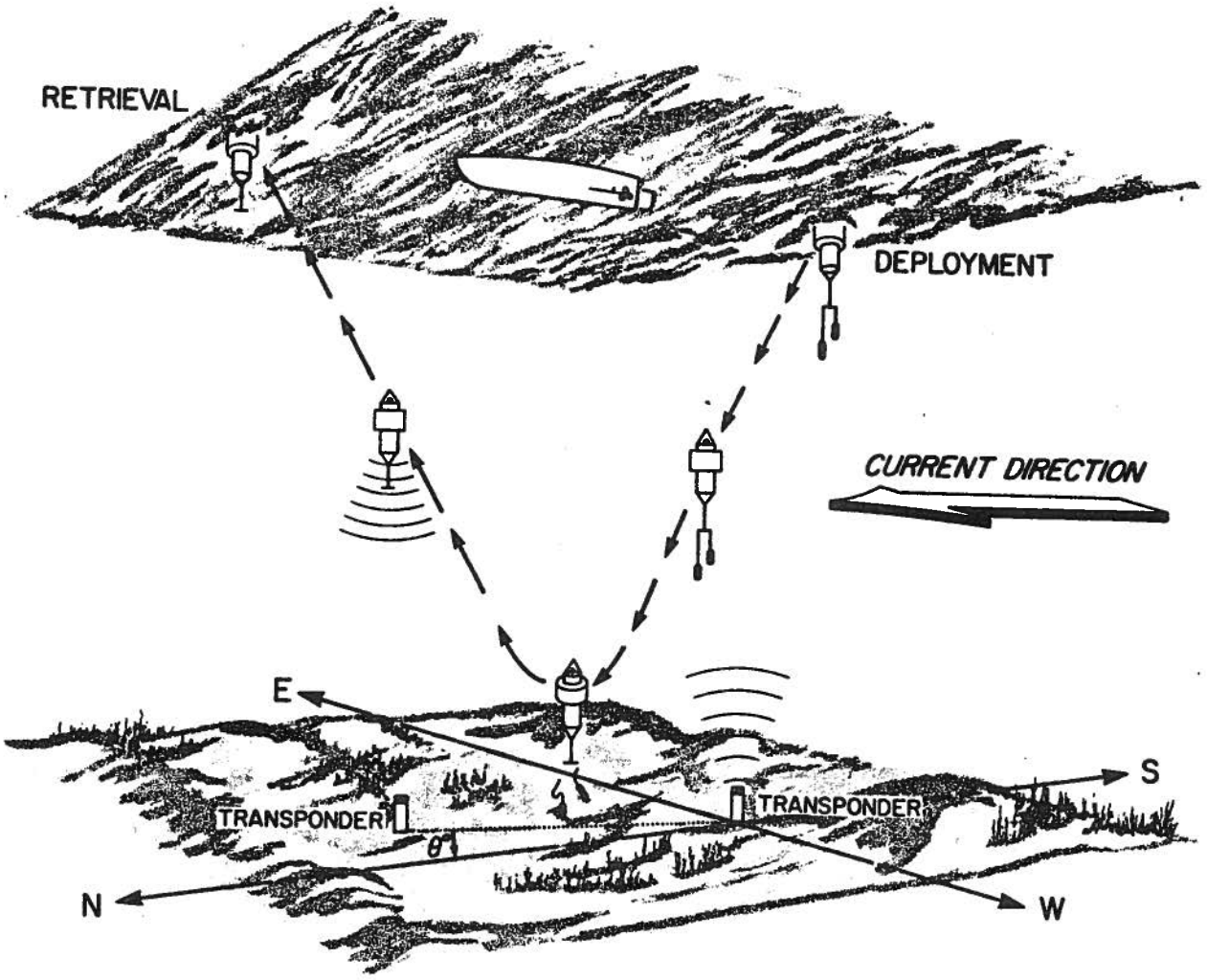


Figure 2: Schematic of the Pegasus current profiler.

Table 1. Types of Data Collected by Cruise.

| Cruise | Vessel | Dates | Pegasus | CTD | XBT | Ametek-Straza |
|---|---|---|---|---|---|---|
| January 1986 (RES-STACS 23-86) | ESEARCHER | 1/13-2/11/86 | 33 | 73 | 179 | Continuous |
| March 1986 (RES-STACS 24-86) | ESEARCHER | 3/25-4/22/86 | 29 | 89 | 95 | Continuous |
| July 1986 (RES-STACS 25-86) | ESEARCHER | 7/15-8/8/86 | 42 | 93 | 67 | Continuous |
| October 1986 (RES-STACS 26-86) | ESEARCHER | 10/23-11/7/86 | 57 | 81 | 101 | Continuous |

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′ | 75°20.94′ | 12.5 | | |
| | 28°14.39′ | 75°18.72′ | 12.0 | 4880 | 2907 |
| 13 | 27°21.93′ | 75°53.83′ | 12.5 | | |
| | 27°21.80′ | 75°51.97′ | 12.0 | 4782 | 3199 |
| 14 | 26°55.16′ | 76°09.38′ | 12.5 | | |
| | 26°55.05′ | 76°06.84′ | 12.0 | 4845 | 4195 |
| 15 | 26°31.75′ | 76°24.09′ | 12.5 | | |
| | 26°31.62′ | 76°21.53′ | 12.0 | 4810 | 4296 |
| 16 | 26°32.86′ | 76°32.65′ | 13.0 | | |
| | 26°32.86′ | 76°29.98′ | 11.5 | 4825 | 4410 |
| 17 | 26°33.43′ | 76°40.01′ | 12.5 | | |
| | 26°31.41′ | 76°39.99′ | 12.0 | 4050 | 3937 |
| 18 | 26°32.56′ | 76°45.29′ | 13.0 | | |
| | 26°30.53′ | 76°44.92′ | 11.5 | 3600 | 3570 |
| 19 | 26°33.07′ | 76°51.16′ | 12.5 | | |
| | 26°32.26′ | 76°51.05′ | 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<br>11.5 | 622 | 1250 |
| 28 | 29°00.95′ | 79°55.65′ | 13.0<br>12.5 | 414 | 1050 |
| 29 | 29°00.50′ | 80°01.60 | 13.0<br>12.5 | 224 | 754 |
| 30 | 12°30.00′ | 63°29.36′ | 13.0<br>12.0 | 1100 | 1416 |
| 31 | 13°30.00′ | 63°33.00′ | 13.0<br>11.5 | 1180 | 1610 |
| +32 | 15°01.60′ | 63°31.80′ | 12.5<br>12.0 | | |
| +33 | 16°29.50′ | 63°31.91′ | 12.5<br>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 $\pm$ .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.

January 1986:

Standard seawater batch number P90 was used for casts 1-17, requiring a correction of -.005 ppt, and batch number P89 was used for casts 18-73, requiring a correction of -.003 ppt relative to batch P80.

The CTD performed fairly well during this cruise, with casts 1-67 forming a consistent grouping for calibration. The third order polynomial was used above 850 m depth, and the linear fit below 850 m. Casts 68-73 were calibrated separately, using the historical TS relationship in the deep water.

The calibration curves used for the January data for casts 1-67 were of the form:

0 to 850 m

$$S_{cal} = S_{CTD} - .016 + 3.79E^{-5} * P - 1.72E^{-8} * P^2 + 2.16E^{-12} P^3$$

850 m to bottom

$$S_{cal} = S_{CTD} + .005 - 5.90E^{-8} * P$$

March 1986:

Standard seawater batch number P90 was used for casts 1-6, and batch P92 for casts 73 to 81, both requiring a correction of -.005 ppt relative to batch P80. Standard seawater batch number P89 was used for casts 7-71, requiring a correction of -.003 ppt.

The bottle salinity data required more editing than usual, but the CTD itself seemed to have performed well, with no division into sub-groups for calibration required. The third order polynomial fit was used above 2100 m, and the linear fit below 2100 m depth.

The final calibration curves used for the March 1986 data were of the form:

0 to 2100 m

$$S_{cal} = S_{CTD} - .006 + 2.83E^{-6} * P - 2.05E^{-9} * P^2 + 3.20E^{-13} * P^3$$

2100 m to bottom

$$S_{cal} = S_{CTD} - .005 - 3.23E^{-7} * P$$

July 1986:

Standard seawater batch number P96 was used for casts 1-69, requiring a correction of -.002 ppt, and batch P102 was used for casts 69-92, requiring a correction of -.003 ppt relative to P80.

The CTD performed quite well during this cruise. Three casts (15, 31, and 49) had to be separately calibrated; however, all of the rest of the casts were calibrated together as one group. The third order polynomial fit was used above 1300 m, and the linear fit below 1300 m depth.

The calibration curves used for the July 1986 data were of the form:

0 to 1300 m

$$S_{cal} = S_{CTD} + .001 + 7.65E^{-6} * P - 3.21E^{-9} * P^2 + 3.60E^{-13} * P^3$$

1300 m to bottom

$$S_{cal} = S_{CTD} + .0070 - 8.92E^{-7} * P$$

October 1986:

Standard seawater batch number P102 was used, requiring a correction of -.003 ppt relative to batch P80.

The CTD did not perform well during the October 1986 cruise, with an abrupt sensor shift of approximately .010 ppt occurring between casts 1-36 and 37-81, and episodes of drifting (on the order of $\pm$ .005 ppt) within each of these two major subdivisions. As the bottle salinity data were not of sufficiently high quality to individually calibrate the various groupings, it was necessary to rely heavily upon the historical TS relationship in the deep water.

The calibration curves used for the October 1986 data in the upper water, for casts 1-36 and 37-81 respectively, were of the form:

$$S_{cal} = S_{CTD} + .023 - 1.83E^{-6} * P + 1.25E^{-10} * P^2 + 3.25E^{-14} * P^3$$

$$S_{cal} = S_{CTD} + .035 + 1.43E^{-6} * P - 1.67E^{-9} * P^2 + 2.37E^{-13} * P^3$$

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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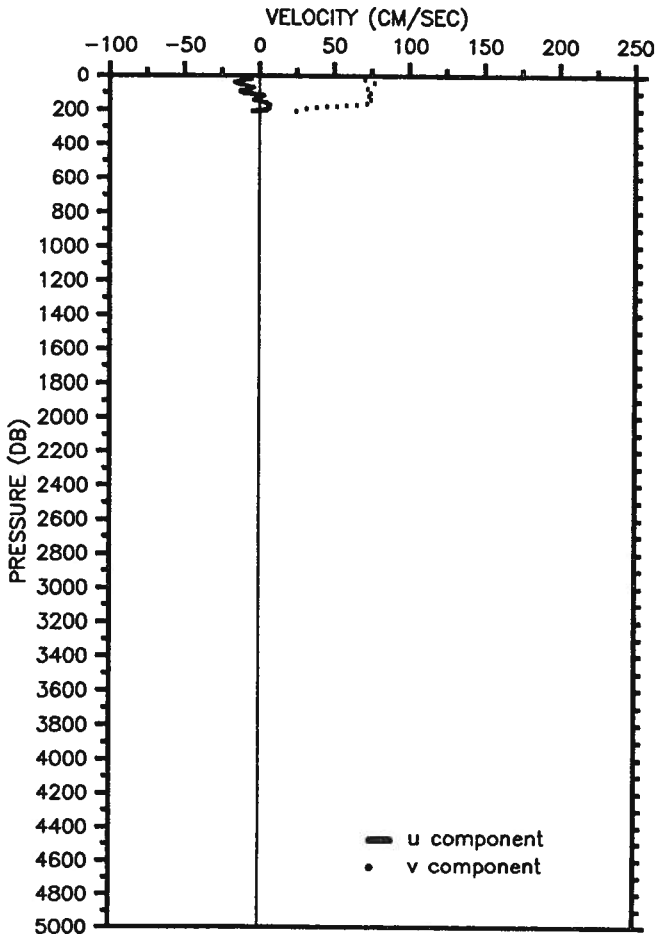
## APPENDIX A: PEGASUS DATA

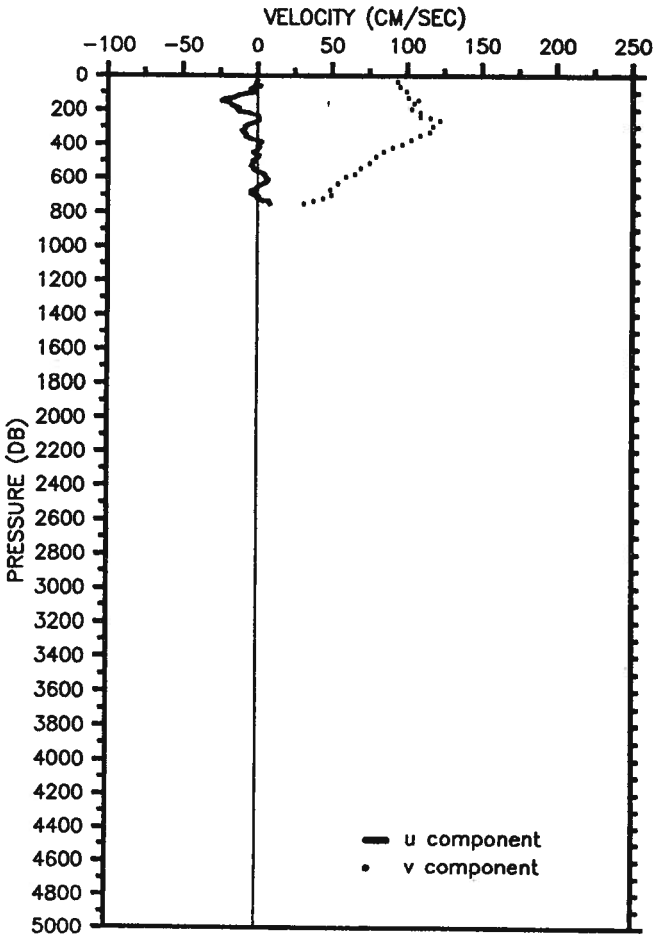
Casts are presented by cruise and increasing cast number. The cruise number and vessel, Pegasus cast and station number, Julian day and time, and position are shown at the top of each plot. "U" represents the east-west component of velocity. "V" represents the north-south component. Casts where there 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-STACS23-86 PEGASUS 1 STN 1
R/V RESEARCHER JDAY 13 TIME 2352Z
Latitude 27.013 N Longitude 079.878 W



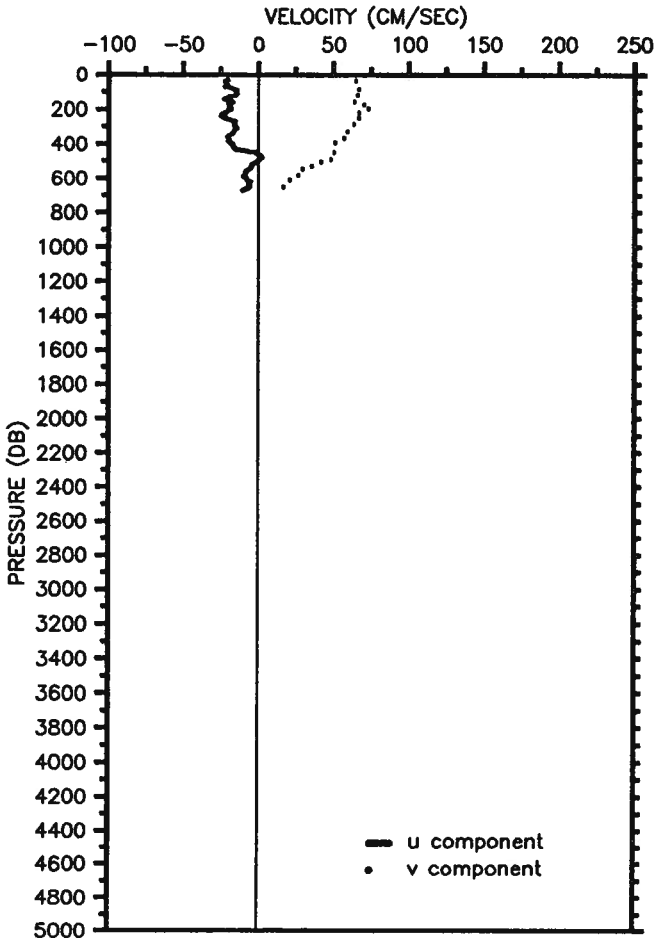

| Prs | U | V |
|---|---|---|
| 20 | -5.6 | 70.2 |
| 30 | -12.8 | 75.4 |
| 40 | -16.1 | 77.1 |
| 50 | -12.6 | 75.5 |
| 60 | -7.2 | 73.0 |
| 70 | -4.4 | 72.5 |
| 80 | -6.3 | 70.5 |
| 90 | -12.3 | 70.4 |
| 100 | -10.8 | 74.8 |
| 110 | -2.0 | 76.6 |
| 120 | 2.4 | 70.5 |
| 130 | 0.0 | 70.6 |
| 140 | -3.2 | 75.6 |
| 150 | -0.7 | 74.6 |
| 160 | 4.6 | 73.2 |
| 170 | 6.6 | 61.9 |
| 180 | 6.2 | 43.3 |
| 190 | 6.3 | 32.0 |
| 200 | 4.7 | 24.8 |
| 210 | -4.4 | 24.1 |

RES-STACS23-86 PEGASUS 2 STN 5
R/V RESEARCHER JDAY 14 TIME 0937Z
Latitude 27.009 N Longitude 079.502 W



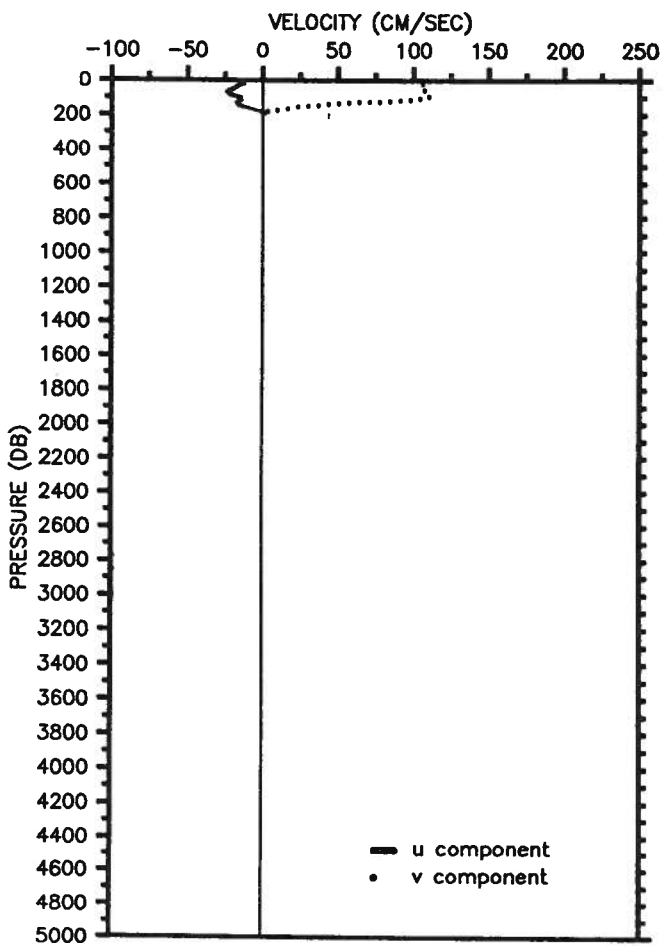

| Prs | U | V |
|---|---|---|
| 30 | -0.3 | 93.9 |
| 40 | -0.7 | 95.0 |
| 50 | -0.9 | 96.9 |
| 60 | 2.0 | 94.8 |
| 70 | -2.0 | 96.6 |
| 80 | -4.4 | 100.6 |
| 90 | -1.8 | 99.6 |
| 100 | -3.3 | 98.0 |
| 110 | -9.5 | 98.8 |
| 120 | -12.4 | 99.2 |
| 130 | -16.1 | 102.0 |
| 140 | -22.3 | 107.6 |
| 150 | -23.4 | 109.4 |
| 160 | -18.8 | 104.9 |
| 170 | -17.0 | 103.4 |
| 180 | -15.4 | 102.8 |
| 190 | -12.6 | 101.2 |
| 200 | -12.8 | 105.0 |
| 250 | 0.9 | 116.8 |
| 300 | -8.2 | 115.6 |
| 350 | -7.4 | 108.4 |
| 400 | 1.5 | 97.3 |
| 450 | -2.2 | 81.1 |
| 500 | -2.7 | 76.3 |
| 550 | -2.4 | 67.6 |
| 600 | 5.5 | 57.8 |
| 650 | 0.8 | 50.9 |
| 700 | -2.1 | 50.3 |
| 750 | 8.1 | 29.7 |

RES-STACS23-86 PEGASUS 3 STN 6
R/V RESEARCHER JDAY 14 TIME 1317Z
Latitude 27.004 N Longitude 079.378 W



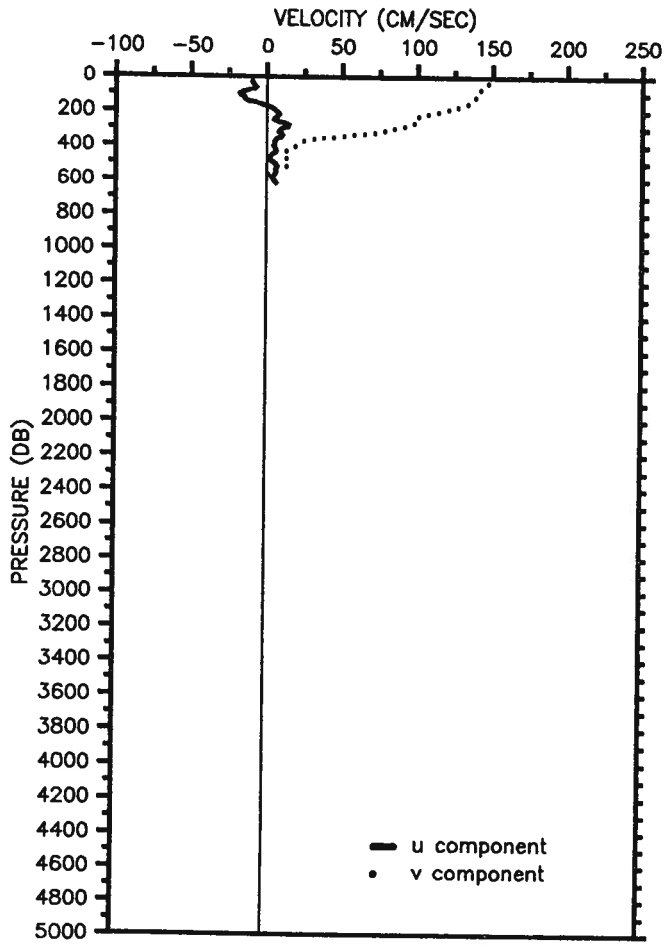

| Prs | U | V |
|---|---|---|
| 30 | -21.0 | 64.6 |
| 40 | -22.3 | 65.3 |
| 50 | -21.5 | 65.0 |
| 60 | -21.0 | 65.8 |
| 70 | -22.1 | 67.3 |
| 80 | -17.6 | 66.9 |
| 90 | -14.4 | 65.7 |
| 100 | -14.3 | 65.4 |
| 110 | -14.5 | 67.6 |
| 120 | -15.4 | 64.7 |
| 130 | -20.1 | 62.8 |
| 140 | -22.7 | 62.4 |
| 150 | -18.5 | 62.5 |
| 160 | -17.5 | 65.0 |
| 170 | -19.8 | 69.8 |
| 180 | -19.7 | 74.4 |
| 190 | -18.7 | 73.9 |
| 200 | -18.7 | 71.1 |
| 250 | -22.4 | 67.7 |
| 300 | -15.3 | 62.7 |
| 350 | -19.5 | 60.2 |
| 400 | -17.5 | 49.9 |
| 450 | -1.8 | 49.8 |
| 500 | -0.5 | 43.0 |
| 550 | -7.0 | 28.0 |
| 600 | -8.3 | 21.2 |
| 650 | -6.1 | 16.8 |
| 670 | -10.3 | 17.3 |

RES-STACS23-86 PEGASUS 4 STN 29
R/V RESEARCHER JDAY 15 TIME 0254Z
Latitude 29.009 N Longitude 080.028 W



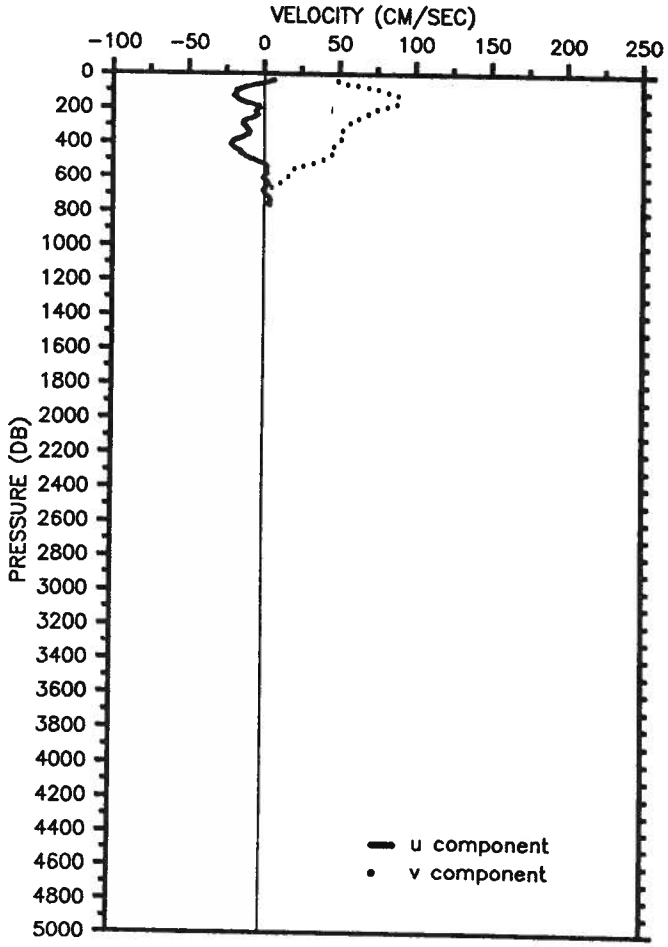

| Prs | U | V |
|---|---|---|
| 20 | -13.0 | 105.9 |
| 30 | -16.0 | 108.6 |
| 40 | -17.4 | 109.5 |
| 50 | -19.5 | 108.0 |
| 60 | -22.2 | 106.2 |
| 70 | -23.1 | 106.9 |
| 80 | -21.4 | 108.8 |
| 90 | -17.6 | 110.5 |
| 100 | -14.6 | 106.1 |
| 110 | -14.5 | 92.9 |
| 120 | -15.3 | 73.2 |
| 130 | -16.6 | 51.8 |
| 140 | -15.8 | 34.7 |
| 150 | -13.2 | 23.7 |
| 160 | -8.6 | 15.8 |
| 170 | -4.3 | 9.3 |
| 180 | -0.9 | 3.1 |
| 190 | 0.8 | -2.6 |

RES-STACS23-86 PEGASUS 5 STN 28
R/V RESEARCHER JDAY 15 TIME 0714Z
Latitude 29.044 N Longitude 079.816 W



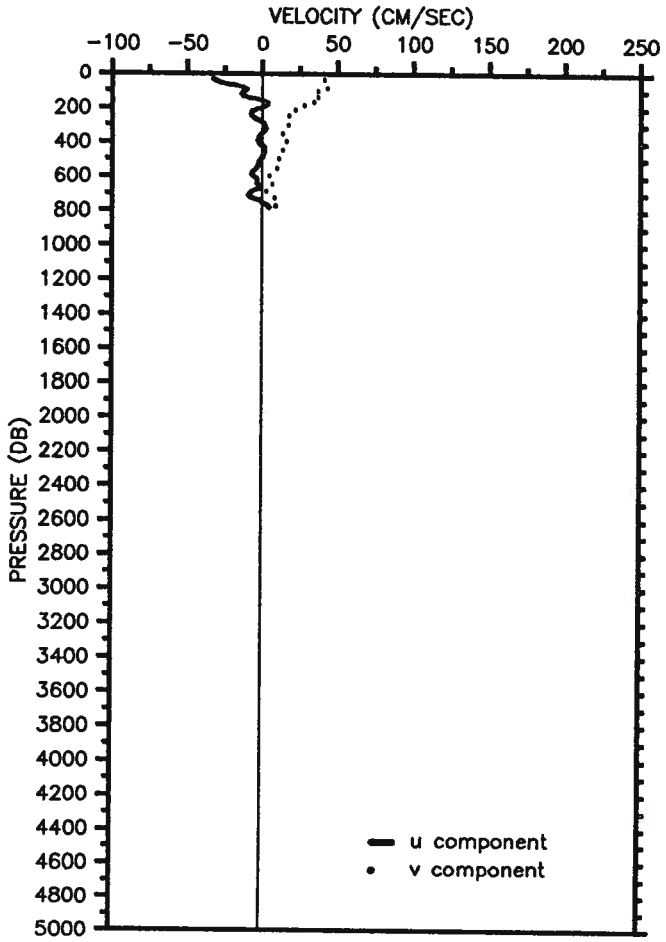

| Prs | U | V |
|---|---|---|
| 30 | -9.9 | 147.3 |
| 40 | -9.6 | 146.8 |
| 50 | -8.4 | 145.9 |
| 60 | -7.1 | 143.6 |
| 70 | -8.3 | 141.6 |
| 80 | -12.2 | 141.0 |
| 90 | -16.2 | 140.6 |
| 100 | -17.8 | 140.6 |
| 110 | -16.6 | 139.3 |
| 120 | -15.5 | 138.2 |
| 130 | -14.6 | 137.3 |
| 140 | -12.3 | 135.8 |
| 150 | -8.3 | 134.5 |
| 160 | -3.9 | 131.3 |
| 170 | -0.1 | 127.5 |
| 180 | 2.5 | 123.6 |
| 190 | 4.6 | 118.7 |
| 200 | 6.0 | 114.7 |
| 250 | 4.6 | 97.6 |
| 300 | 10.8 | 81.7 |
| 350 | 9.2 | 40.2 |
| 400 | 4.6 | 19.2 |
| 450 | 3.9 | 10.5 |
| 500 | 4.6 | 15.0 |
| 550 | 5.8 | 3.2 |
| 600 | 4.6 | 0.2 |
| 620 | 6.3 | -0.4 |

RES-STACS23-86 PEGASUS 6 STN 26
R/V RESEARCHER JDAY 15 TIME 1306Z
Latitude 29.031 N Longitude 079.446 W



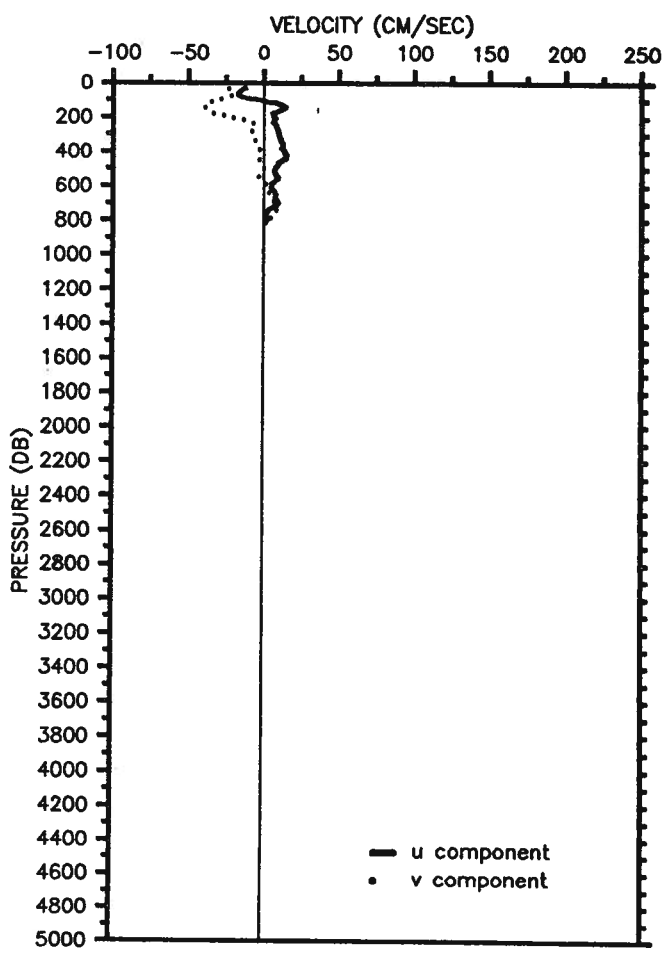

| Prs | U | V |
|---|---|---|
| 40 | 6.6 | 49.2 |
| 50 | 2.7 | 52.0 |
| 60 | -2.5 | 58.1 |
| 70 | -6.6 | 65.3 |
| 80 | -12.3 | 72.7 |
| 90 | -15.7 | 76.4 |
| 100 | -17.9 | 79.6 |
| 110 | -18.4 | 83.9 |
| 120 | -18.8 | 87.3 |
| 130 | -19.8 | 89.8 |
| 140 | -18.1 | 89.6 |
| 150 | -17.3 | 89.4 |
| 160 | -15.1 | 89.1 |
| 170 | -11.6 | 87.8 |
| 180 | -8.0 | 85.7 |
| 190 | -3.8 | 81.4 |
| 200 | -3.1 | 75.9 |
| 250 | -5.6 | 64.3 |
| 300 | -13.2 | 55.0 |
| 350 | -10.4 | 52.6 |
| 400 | -21.2 | 49.3 |
| 450 | -15.9 | 46.1 |
| 500 | -6.8 | 38.3 |
| 550 | 1.8 | 20.1 |
| 600 | 0.3 | 16.1 |
| 650 | 1.8 | 7.4 |
| 700 | 0.9 | 1.1 |
| 750 | 4.0 | 1.6 |
| 760 | 3.9 | 1.6 |

RES-STACS23-86 PEGASUS 7 STN 25
R/V RESEARCHER JDAY 15 TIME 1634Z
Latitude 29.011 N Longitude 079.095 W



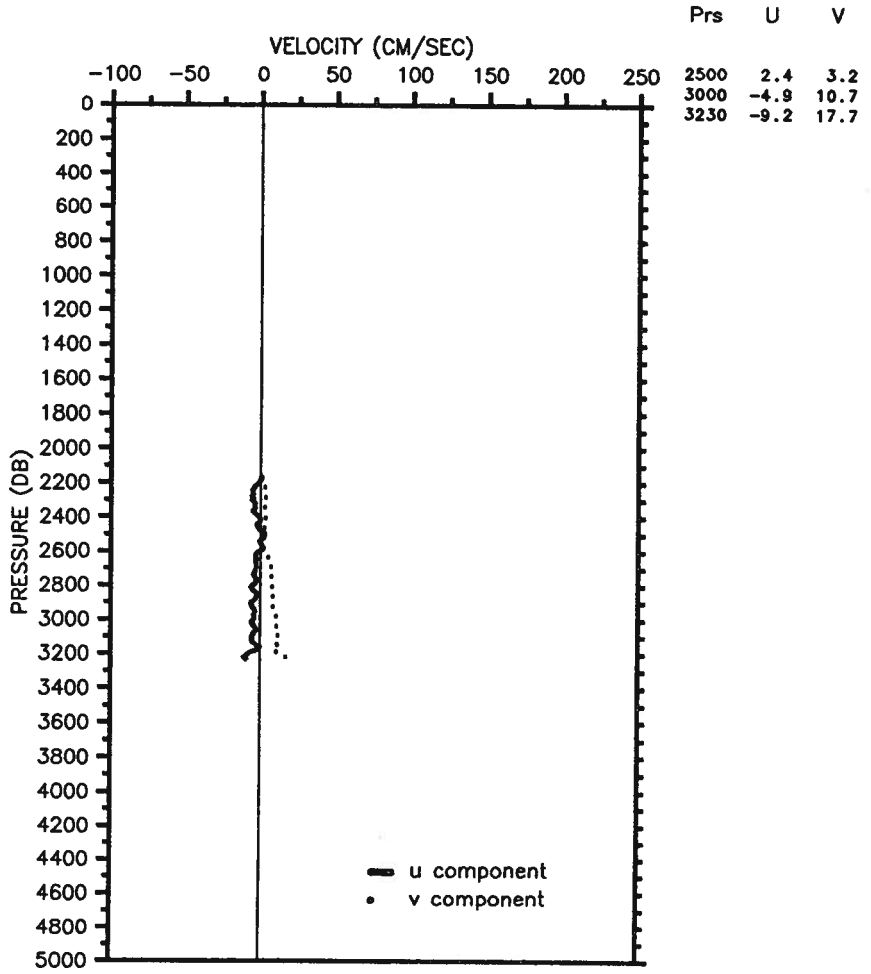

| Prs | U | V |
|---|---|---|
| 30 | -32.5 | 40.8 |
| 40 | -31.2 | 42.7 |
| 50 | -28.2 | 42.8 |
| 60 | -23.1 | 43.3 |
| 70 | -17.3 | 43.6 |
| 80 | -12.9 | 42.9 |
| 90 | -10.7 | 40.6 |
| 100 | -11.5 | 36.8 |
| 110 | -13.1 | 34.4 |
| 120 | -13.5 | 34.2 |
| 130 | -12.6 | 36.0 |
| 140 | -8.6 | 38.5 |
| 150 | -3.3 | 38.0 |
| 160 | 0.8 | 35.2 |
| 170 | 3.3 | 31.5 |
| 180 | 3.5 | 28.4 |
| 190 | 1.7 | 28.9 |
| 200 | -0.7 | 24.2 |
| 250 | -6.4 | 17.4 |
| 300 | 1.3 | 17.1 |
| 350 | -0.5 | 13.5 |
| 400 | -2.2 | 16.3 |
| 450 | 1.2 | 12.8 |
| 500 | -0.8 | 10.7 |
| 550 | -3.8 | 9.8 |
| 600 | -5.6 | 4.0 |
| 650 | -2.6 | 5.9 |
| 700 | -8.7 | 5.4 |
| 750 | 0.1 | 10.3 |
| 780 | 4.4 | 8.1 |

RES-STACS23-86 PEGASUS 8 STN 24
R/V RESEARCHER JDAY '15 TIME 2107Z
Latitude 29.021 N Longitude 078.808 W



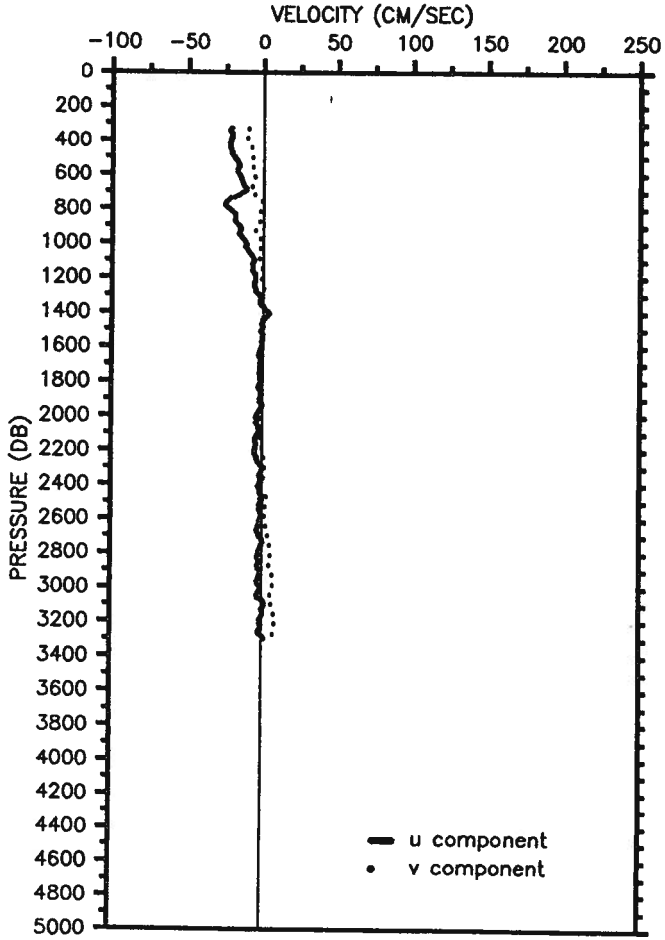

| Prs | U | V |
|---|---|---|
| 30 | -12.4 | -23.3 |
| 40 | -14.3 | -21.8 |
| 50 | -15.9 | -20.4 |
| 60 | -17.2 | -20.0 |
| 70 | -17.4 | -20.7 |
| 80 | -14.8 | -23.2 |
| 90 | -10.2 | -27.1 |
| 100 | -3.4 | -31.5 |
| 110 | 2.4 | -35.8 |
| 120 | 8.2 | -38.0 |
| 130 | 11.9 | -39.0 |
| 140 | 14.0 | -38.8 |
| 150 | 13.8 | -38.0 |
| 160 | 11.6 | -36.9 |
| 170 | 9.1 | -34.5 |
| 180 | 6.2 | -29.9 |
| 190 | 6.6 | -24.5 |
| 200 | 7.1 | -19.6 |
| 250 | 8.2 | -5.3 |
| 300 | 9.9 | -6.6 |
| 350 | 12.5 | -4.2 |
| 400 | 13.5 | -2.7 |
| 450 | 12.8 | -2.5 |
| 500 | 7.6 | 0.3 |
| 550 | 9.4 | -2.9 |
| 600 | 5.3 | 3.5 |
| 650 | 7.8 | 3.8 |
| 700 | 9.3 | 8.2 |
| 750 | 2.7 | 8.4 |
| 800 | 2.2 | 4.5 |
| 810 | 1.4 | 1.5 |

RES-STACS23-86 PEGASUS 10 STN 11
R/V RESEARCHER JDAY 17 TIME 1519Z
Latitude 28.214 N Longitude 075.335 W



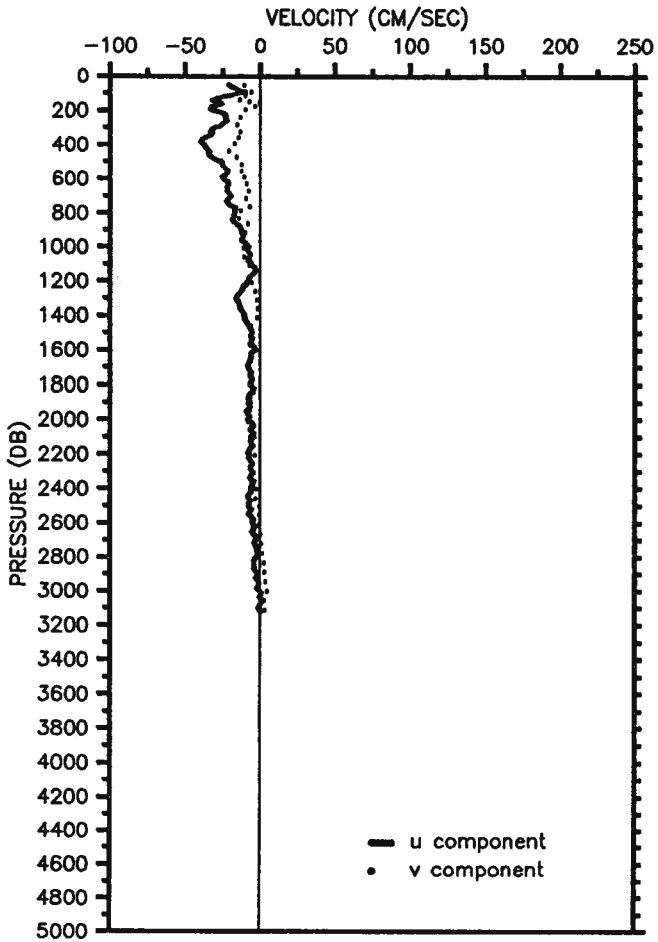

| Prs | U | V |
|---|---|---|
| 2500 | 2.4 | 3.2 |
| 3000 | -4.9 | 10.7 |
| 3230 | -9.2 | 17.7 |

RES-STACS23-86 PEGASUS 12 STN 12
R/V RESEARCHER JDAY 18 TIME 0015Z
Latitude 27.794 N Longitude 075.630 W



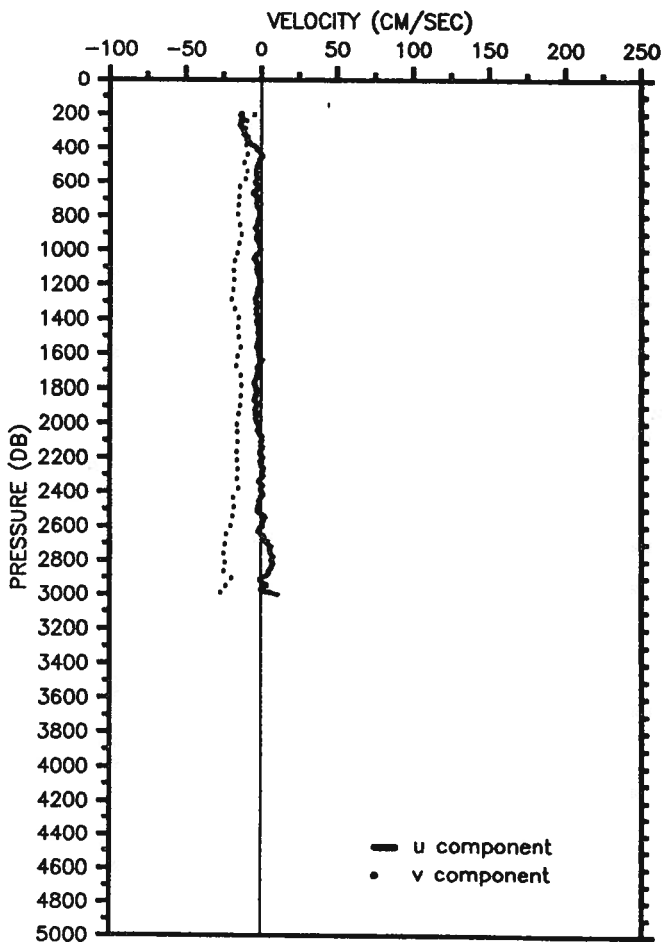

| Prs | U | V |
|---|---|---|
| 350 | -21.7 | -10.7 |
| 400 | -22.0 | -9.8 |
| 450 | -22.0 | -7.3 |
| 500 | -19.4 | -7.6 |
| 550 | -16.3 | -7.4 |
| 600 | -16.3 | -5.5 |
| 650 | -13.7 | -6.9 |
| 700 | -12.9 | -7.7 |
| 750 | -23.5 | -1.3 |
| 800 | -22.7 | -1.5 |
| 850 | -19.1 | -2.4 |
| 900 | -16.1 | -3.7 |
| 950 | -15.8 | -4.9 |
| 1000 | -11.5 | -0.7 |
| 1500 | -0.8 | -0.4 |
| 2000 | -3.7 | -1.3 |
| 2500 | -0.8 | 2.5 |
| 3000 | -1.2 | 7.1 |
| 3300 | 1.6 | 10.4 |

RES-STACS23-86 PEGASUS 13 STN 13
R/V RESEARCHER JDAY 18 TIME 0606Z
Latitude 27.350 N Longitude 075.882 W



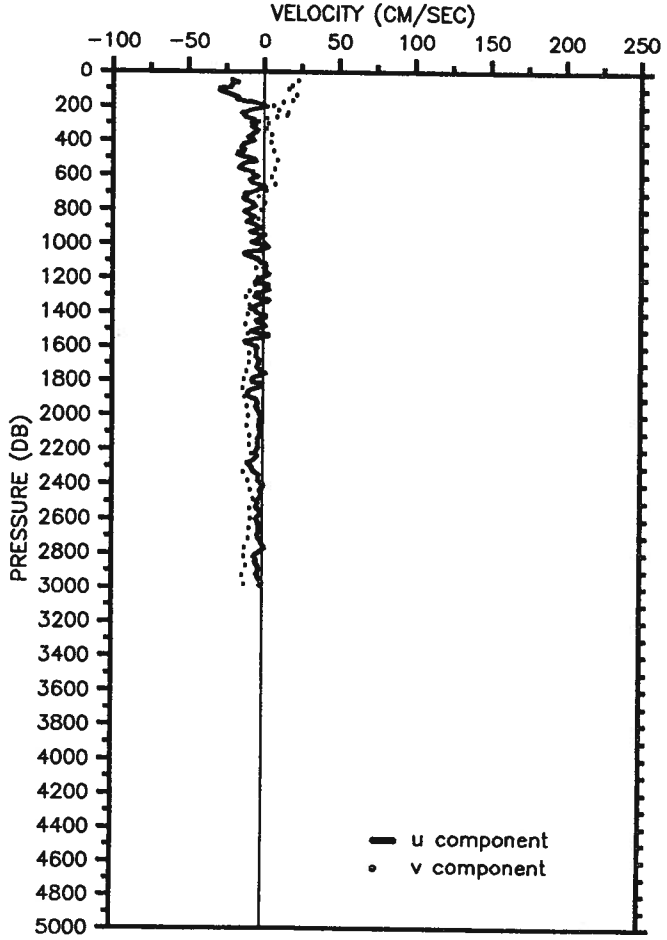

| Prs | U | V |
|---|---|---|
| 50 | -20.8 | -10.3 |
| 60 | -19.1 | -8.8 |
| 70 | -16.6 | -8.9 |
| 80 | -14.4 | -8.6 |
| 90 | -10.0 | -4.9 |
| 100 | -14.3 | -6.9 |
| 110 | -19.0 | -10.0 |
| 120 | -24.1 | -13.7 |
| 130 | -28.4 | -14.8 |
| 140 | -31.8 | -10.4 |
| 150 | -27.5 | -2.3 |
| 160 | -25.8 | 1.2 |
| 170 | -29.9 | -2.0 |
| 180 | -32.6 | -7.7 |
| 190 | -33.2 | -10.0 |
| 200 | -30.1 | -9.8 |
| 250 | -22.6 | -14.0 |
| 300 | -30.3 | -12.5 |
| 350 | -34.7 | -15.2 |
| 400 | -37.3 | -18.8 |
| 450 | -34.3 | -20.3 |
| 500 | -26.0 | -13.7 |
| 550 | -21.7 | -12.2 |
| 600 | -24.3 | -7.8 |
| 650 | -22.0 | -9.3 |
| 700 | -19.7 | -10.0 |
| 750 | -20.7 | -6.0 |
| 800 | -17.1 | -15.5 |
| 850 | -17.7 | -9.4 |
| 900 | -12.5 | -8.9 |
| 950 | -11.9 | -13.1 |
| 1000 | -7.9 | -10.7 |
| 1500 | -5.6 | -6.5 |
| 2000 | -8.1 | -8.0 |
| 2500 | -7.4 | -0.8 |
| 3000 | 0.0 | 5.1 |
| 3120 | 0.2 | 3.3 |

RES-STACS23-86 PEGASUS 15 STN 15
R/V RESEARCHER JDAY 18 TIME 1828Z
Latitude 26.512 N Longitude 076.380 W



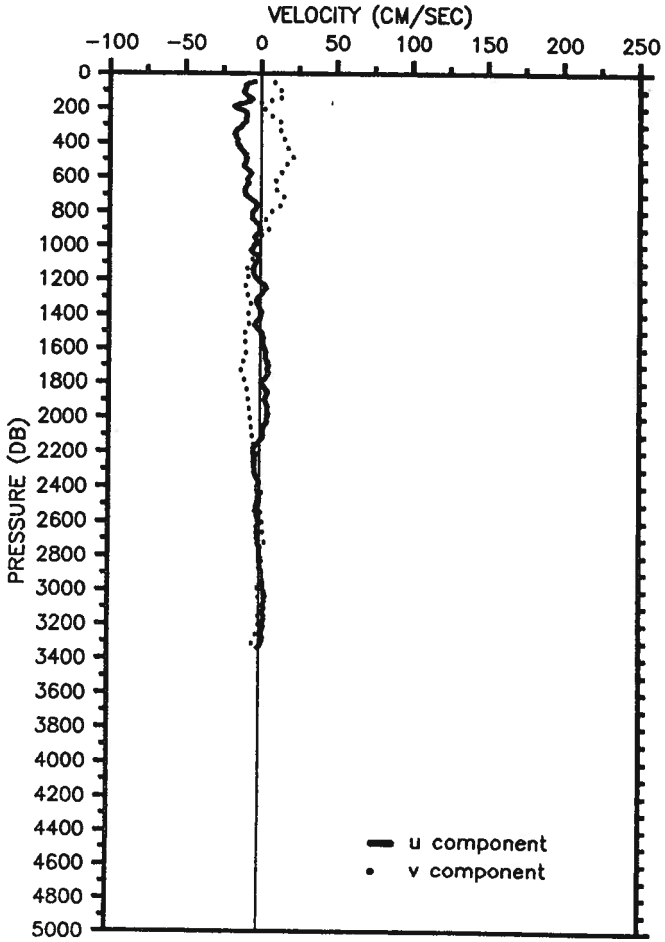

| Prs | U | V |
|---|---|---|
| 200 | -13.1 | -4.6 |
| 250 | -13.3 | -11.0 |
| 300 | -11.6 | -8.7 |
| 350 | -9.6 | -10.3 |
| 400 | -3.2 | -8.8 |
| 450 | 0.7 | -10.7 |
| 500 | -1.9 | -11.4 |
| 550 | -3.1 | -7.5 |
| 600 | -3.6 | -12.7 |
| 650 | -3.4 | -13.7 |
| 700 | -2.6 | -16.6 |
| 750 | -2.2 | -15.1 |
| 800 | -1.2 | -15.5 |
| 850 | -2.5 | -13.9 |
| 900 | -2.0 | -13.0 |
| 950 | -2.1 | -14.8 |
| 1000 | -0.6 | -14.4 |
| 1500 | -1.3 | -14.6 |
| 2000 | -2.5 | -15.8 |
| 2500 | -1.8 | -18.4 |
| 3000 | 11.1 | -29.0 |

RES-STACS23-86 PEGASUS 16 STN 16
R/V RESEARCHER JDAY 18 TIME 2304Z
Latitude 26.539 N Longitude 076.538 W



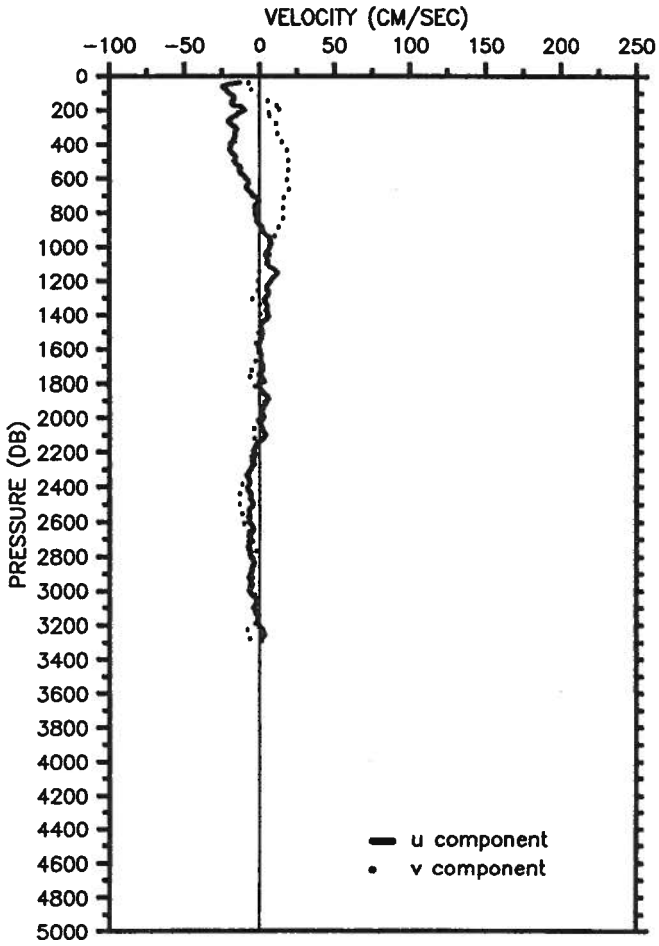

| Prs | U | V |
|---|---|---|
| 50 | -21.2 | 22.6 |
| 60 | -17.5 | 20.3 |
| 70 | -20.2 | 21.2 |
| 80 | -21.5 | 18.1 |
| 90 | -22.4 | 14.4 |
| 100 | -29.4 | 16.5 |
| 110 | -29.5 | 16.4 |
| 120 | -26.6 | 18.3 |
| 130 | -23.0 | 21.0 |
| 140 | -19.4 | 22.7 |
| 150 | -17.4 | 22.7 |
| 160 | -17.7 | 20.9 |
| 170 | -13.4 | 16.2 |
| 180 | -5.8 | 9.3 |
| 190 | -1.4 | 6.9 |
| 200 | 1.6 | 4.9 |
| 250 | -13.1 | 15.1 |
| 300 | -8.1 | 5.1 |
| 350 | -5.2 | 1.6 |
| 400 | -7.0 | 4.6 |
| 450 | -13.3 | 5.6 |
| 500 | -9.7 | 9.0 |
| 550 | -15.6 | 7.8 |
| 600 | -7.0 | 4.8 |
| 650 | -7.0 | 8.1 |
| 700 | -8.5 | -0.8 |
| 750 | -9.8 | -0.6 |
| 800 | -9.7 | -2.2 |
| 850 | -7.2 | -3.5 |
| 900 | -3.3 | -3.9 |
| 950 | -1.3 | 1.8 |
| 1000 | -5.0 | -1.0 |
| 1500 | -4.5 | -10.5 |
| 2000 | -2.3 | -9.7 |
| 2500 | -3.7 | -8.2 |
| 2990 | -1.9 | -13.7 |

RES-STACS23-86 PEGASUS 17 STN 17
R/V RESEARCHER JDAY 19 TIME 1022Z
Latitude 26.581 N Longitude 076.626 W



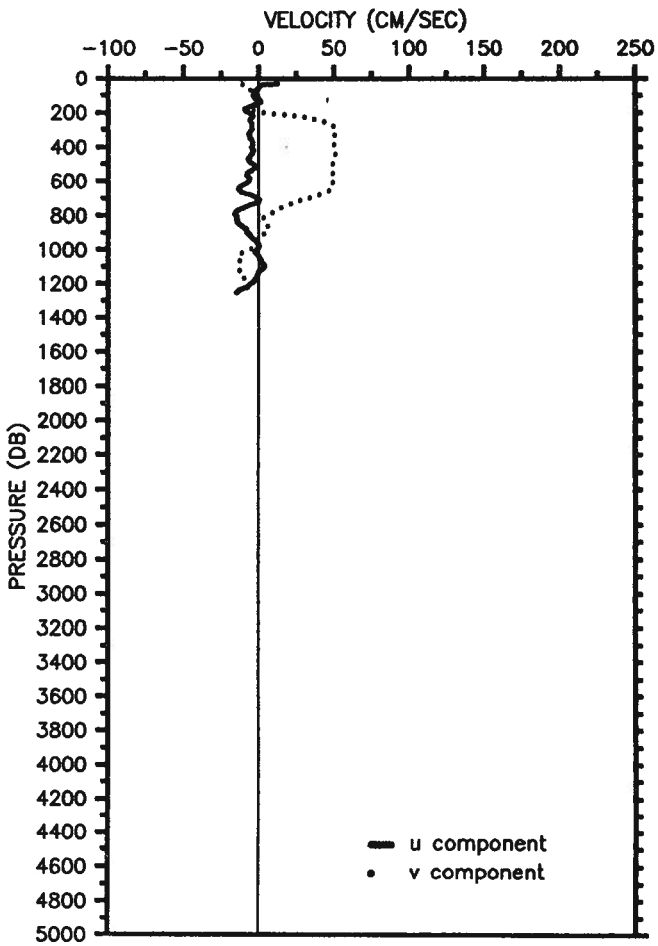

| Prs | U | V |
|---|---|---|
| 50 | -4.4 | 9.2 |
| 60 | -8.7 | 9.8 |
| 70 | -10.0 | 10.4 |
| 80 | -10.0 | 11.3 |
| 90 | -10.4 | 12.8 |
| 100 | -10.7 | 13.5 |
| 110 | -10.9 | 15.1 |
| 120 | -10.1 | 15.6 |
| 130 | -8.9 | 15.5 |
| 140 | -6.7 | 12.9 |
| 150 | -5.8 | 8.3 |
| 160 | -7.5 | 2.9 |
| 170 | -11.0 | -0.3 |
| 180 | -14.8 | -1.1 |
| 190 | -17.3 | 0.3 |
| 200 | -16.1 | 2.2 |
| 250 | -9.5 | 7.9 |
| 300 | -12.3 | 14.0 |
| 350 | -17.1 | 12.9 |
| 400 | -15.5 | 15.7 |
| 450 | -11.7 | 19.6 |
| 500 | -9.9 | 20.4 |
| 550 | -9.7 | 14.7 |
| 600 | -8.0 | 11.6 |
| 650 | -9.0 | 9.1 |
| 700 | -10.0 | 14.7 |
| 750 | -3.4 | 14.5 |
| 800 | -5.1 | 6.6 |
| 850 | -4.4 | 3.7 |
| 900 | -0.6 | 5.8 |
| 950 | -3.5 | -0.8 |
| 1000 | -3.9 | -1.3 |
| 1500 | 0.2 | -9.8 |
| 2000 | 4.7 | -6.4 |
| 2500 | -1.7 | 0.5 |
| 3000 | 2.7 | -1.8 |
| 3340 | -0.7 | -6.5 |

RES-STACS23-86 PEGASUS 18 STN 18
R/V RESEARCHER JDAY 19 TIME 1529Z
Latitude 26.534 N Longitude 076.736 W



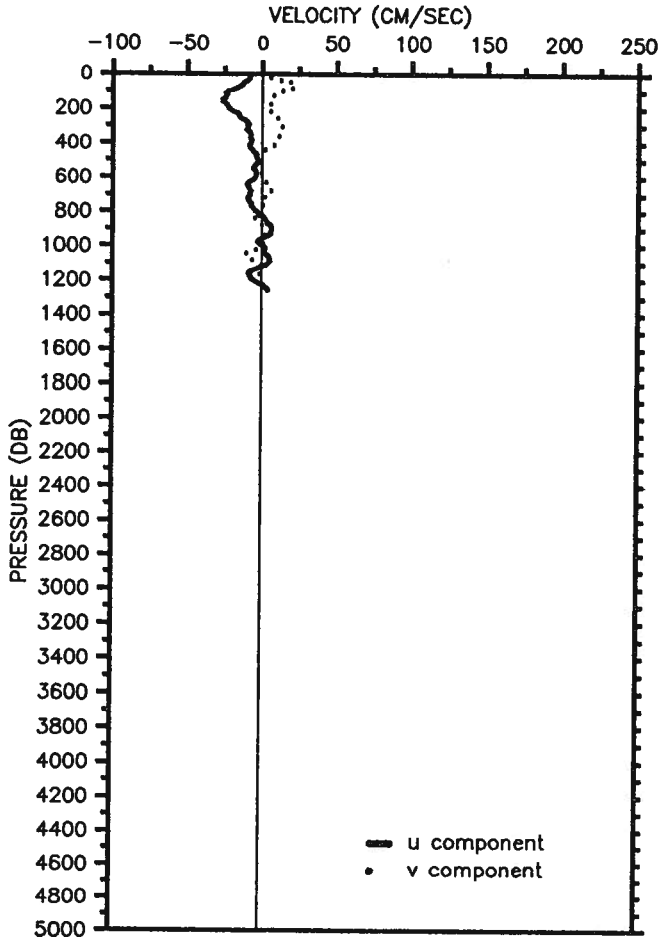

| Prs | U | V |
|---|---|---|
| 40 | -13.0 | -7.2 |
| 50 | -20.5 | -9.1 |
| 60 | -24.3 | -7.8 |
| 70 | -23.9 | -6.1 |
| 80 | -22.0 | -5.2 |
| 90 | -21.4 | -4.0 |
| 100 | -20.5 | -2.4 |
| 110 | -18.4 | -1.5 |
| 120 | -17.5 | 0.5 |
| 130 | -16.9 | 2.8 |
| 140 | -17.5 | 5.0 |
| 150 | -18.3 | 7.3 |
| 160 | -18.4 | 9.3 |
| 170 | -17.1 | 11.0 |
| 180 | -12.8 | 15.2 |
| 190 | -10.9 | 14.0 |
| 200 | -10.4 | 10.8 |
| 250 | -19.0 | 8.9 |
| 300 | -16.0 | 10.4 |
| 350 | -16.0 | 12.5 |
| 400 | -19.0 | 16.9 |
| 450 | -18.1 | 18.3 |
| 500 | -16.7 | 19.7 |
| 550 | -13.0 | 19.1 |
| 600 | -8.8 | 18.2 |
| 650 | -8.5 | 19.2 |
| 700 | -4.3 | 16.9 |
| 750 | -2.6 | 15.4 |
| 800 | -2.7 | 16.2 |
| 850 | -1.9 | 14.7 |
| 900 | 2.1 | 12.6 |
| 950 | 6.9 | 8.6 |
| 1000 | 6.5 | 7.1 |
| 1500 | 1.6 | -0.8 |
| 2000 | 2.4 | 0.2 |
| 2500 | -4.8 | -13.1 |
| 3000 | -6.4 | -4.7 |
| 3290 | 1.0 | -6.7 |

RES-STACS23-86 PEGASUS 19 STN 19
R/V RESEARCHER JDAY 19 TIME 2026Z
Latitude 26.543 N Longitude 076.838 W



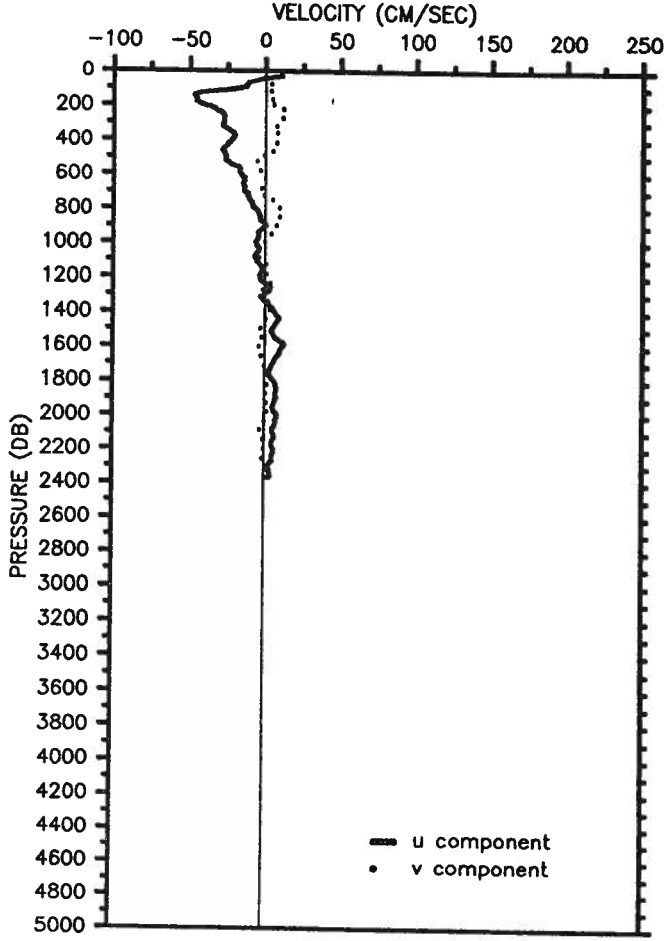

| Prs | U | V |
|---|---|---|
| 30 | 12.3 | -10.6 |
| 40 | 2.9 | -8.3 |
| 50 | 0.4 | -6.1 |
| 60 | -0.4 | -5.8 |
| 70 | -1.4 | -5.0 |
| 80 | -2.2 | -4.4 |
| 90 | -2.8 | -4.2 |
| 100 | -3.2 | -4.2 |
| 110 | -2.7 | -3.1 |
| 120 | -0.4 | -2.2 |
| 130 | 1.0 | -0.5 |
| 140 | 1.3 | 0.4 |
| 150 | -0.1 | -0.1 |
| 160 | -3.5 | -3.2 |
| 170 | -7.1 | -5.5 |
| 180 | -8.9 | -4.5 |
| 190 | -8.4 | -0.7 |
| 200 | -6.3 | 7.5 |
| 250 | -5.3 | 43.8 |
| 300 | -4.7 | 51.7 |
| 350 | -5.3 | 48.9 |
| 400 | -4.3 | 50.8 |
| 450 | -5.5 | 50.5 |
| 500 | -3.6 | 49.1 |
| 550 | -6.9 | 49.1 |
| 600 | -6.6 | 49.4 |
| 650 | -12.8 | 47.3 |
| 700 | -0.3 | 32.3 |
| 750 | -8.8 | 14.8 |
| 800 | -14.9 | 4.0 |
| 850 | -12.8 | 6.2 |
| 900 | -7.3 | 4.6 |
| 950 | -1.5 | -0.4 |
| 1000 | -1.2 | -7.9 |
| 1250 | -14.4 | -4.6 |

RES-STACS23-86 PEGASUS 20 STN 20
R/V RESEARCHER JDAY 21 TIME 0719Z
Latitude 20.724 N Longitude 073.120 W



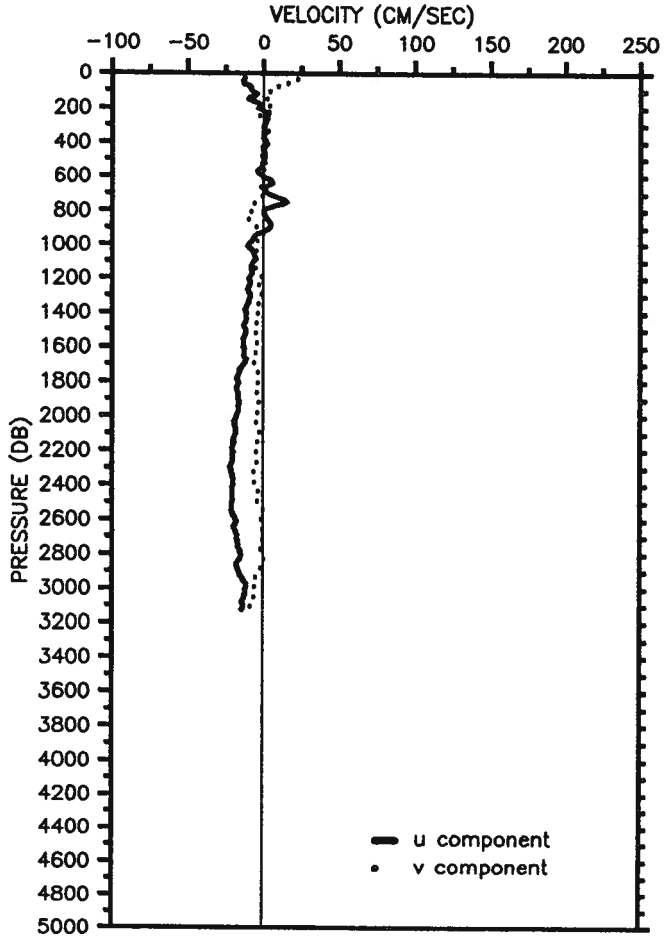

| Prs | U | V |
|---|---|---|
| 20 | -8.5 | 6.0 |
| 30 | -9.0 | 10.0 |
| 40 | -9.7 | 16.6 |
| 50 | -12.2 | 20.6 |
| 60 | -13.3 | 22.1 |
| 70 | -14.0 | 22.3 |
| 80 | -16.4 | 20.3 |
| 90 | -19.5 | 17.1 |
| 100 | -22.9 | 12.4 |
| 110 | -24.4 | 9.4 |
| 120 | -23.7 | 8.2 |
| 130 | -24.1 | 7.4 |
| 140 | -25.0 | 7.4 |
| 150 | -26.2 | 7.1 |
| 160 | -26.2 | 6.8 |
| 170 | -24.8 | 6.8 |
| 180 | -23.6 | 5.5 |
| 190 | -22.9 | 3.3 |
| 200 | -22.1 | 3.8 |
| 250 | -14.9 | 10.7 |
| 300 | -9.9 | 13.3 |
| 350 | -7.7 | 11.6 |
| 400 | -7.9 | 9.7 |
| 450 | -5.8 | -0.8 |
| 500 | -3.0 | -0.3 |
| 550 | -5.4 | 0.0 |
| 600 | -4.9 | 1.7 |
| 650 | -9.3 | 3.8 |
| 700 | -8.3 | 4.3 |
| 750 | -7.4 | 2.0 |
| 800 | -3.6 | -6.7 |
| 850 | 2.3 | -2.1 |
| 900 | 6.3 | 1.4 |
| 950 | 2.5 | 1.3 |
| 1000 | 0.6 | -0.2 |
| 1260 | 4.3 | 0.2 |

RES-STACS23-86 PEGASUS 21 STN 21
R/V RESEARCHER JDAY 21 TIME 1722Z
Latitude 20.317 N Longitude 073.015 W



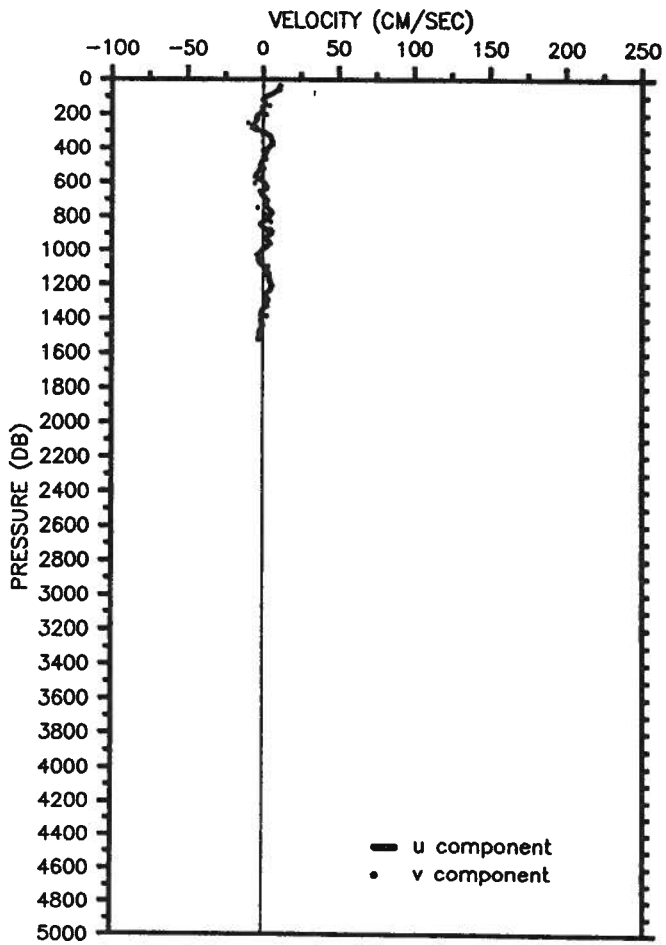

| Prs | U | V |
|---|---|---|
| 30 | 10.7 | -0.1 |
| 40 | 4.4 | 0.3 |
| 50 | -3.0 | 1.3 |
| 60 | -8.2 | 1.9 |
| 70 | -11.3 | 3.8 |
| 80 | -12.2 | 5.5 |
| 90 | -12.8 | 6.4 |
| 100 | -16.0 | 5.8 |
| 110 | -23.1 | 4.6 |
| 120 | -33.4 | 4.1 |
| 130 | -42.7 | 4.1 |
| 140 | -46.3 | 5.8 |
| 150 | -46.6 | 6.1 |
| 160 | -45.6 | 5.1 |
| 170 | -45.2 | 2.9 |
| 180 | -45.3 | 2.5 |
| 190 | -43.1 | 4.5 |
| 200 | -39.3 | 7.9 |
| 250 | -27.9 | 13.3 |
| 300 | -27.5 | 9.1 |
| 350 | -22.7 | 7.1 |
| 400 | -22.3 | 8.7 |
| 450 | -27.3 | 5.9 |
| 500 | -25.9 | -3.7 |
| 550 | -19.7 | -3.7 |
| 600 | -16.0 | -0.1 |
| 650 | -14.4 | -1.5 |
| 700 | -13.2 | -3.8 |
| 750 | -10.0 | 6.0 |
| 800 | -6.1 | 10.6 |
| 850 | -3.4 | 9.5 |
| 900 | 0.4 | 7.4 |
| 950 | -4.3 | 4.2 |
| 1000 | -5.8 | -1.2 |
| 1500 | 4.8 | -1.9 |
| 2000 | 8.4 | 1.3 |
| 2370 | 3.2 | 0.6 |

RES-STACS23-86 PEGASUS 22 STN 22
R/V RESEARCHER JDAY 24 TIME 0131Z
Latitude 18.946 N Longitude 066.105 W



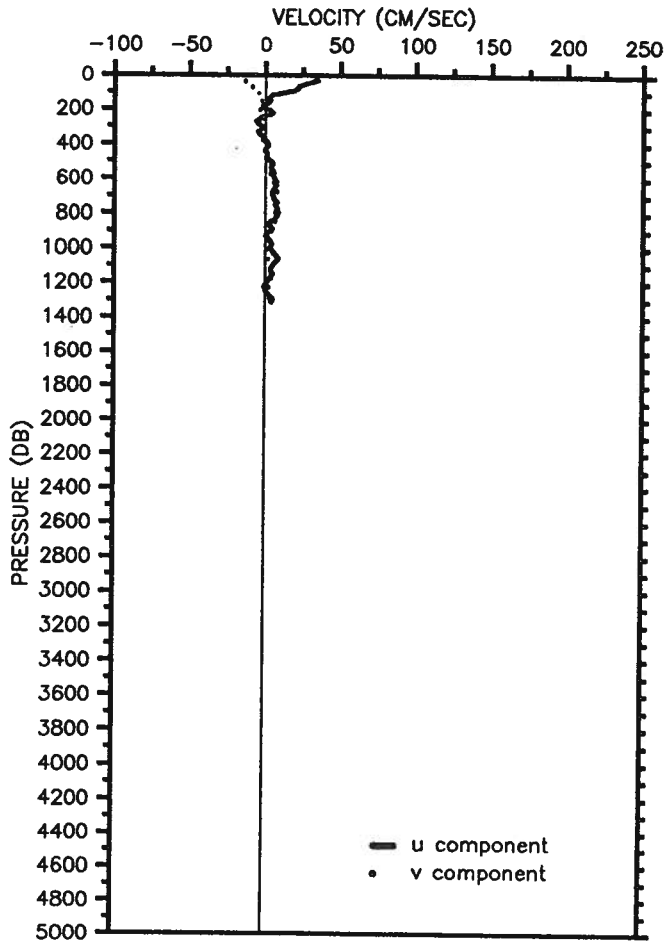

| Prs | U | V |
|---|---|---|
| 30 | -12.7 | 22.5 |
| 40 | -13.1 | 20.4 |
| 50 | -13.4 | 17.5 |
| 60 | -12.7 | 14.4 |
| 70 | -10.4 | 11.1 |
| 80 | -8.4 | 8.4 |
| 90 | -8.4 | 7.0 |
| 100 | -8.1 | 5.1 |
| 110 | -6.1 | 2.6 |
| 120 | -4.9 | 1.0 |
| 130 | -6.0 | 1.1 |
| 140 | -9.3 | 2.5 |
| 150 | -10.0 | 2.4 |
| 160 | -7.2 | 1.3 |
| 170 | -3.6 | 1.3 |
| 180 | -2.2 | 2.9 |
| 190 | -2.9 | 5.5 |
| 200 | -3.3 | 6.7 |
| 250 | 2.6 | -3.5 |
| 300 | 0.9 | 2.1 |
| 350 | 0.8 | 3.1 |
| 400 | 1.4 | -1.2 |
| 450 | -0.1 | -1.9 |
| 500 | 0.1 | -1.9 |
| 550 | -1.5 | 1.4 |
| 600 | -0.4 | 0.5 |
| 650 | 4.4 | -2.0 |
| 700 | 3.2 | -1.0 |
| 750 | 15.3 | -6.1 |
| 800 | 0.2 | -7.3 |
| 850 | 2.3 | -9.7 |
| 900 | 4.2 | -3.8 |
| 950 | -5.8 | -1.1 |
| 1000 | -9.7 | -4.7 |
| 1500 | -12.1 | -5.6 |
| 2000 | -18.0 | -3.8 |
| 2500 | -20.7 | -3.2 |
| 3000 | -11.9 | -6.1 |
| 3120 | -14.2 | -8.1 |

RES-STACS23-86 PEGASUS 23 STN 23
R/V RESEARCHER JDAY 24 TIME 0902Z
Latitude 18.670 N Longitude 066.117 W



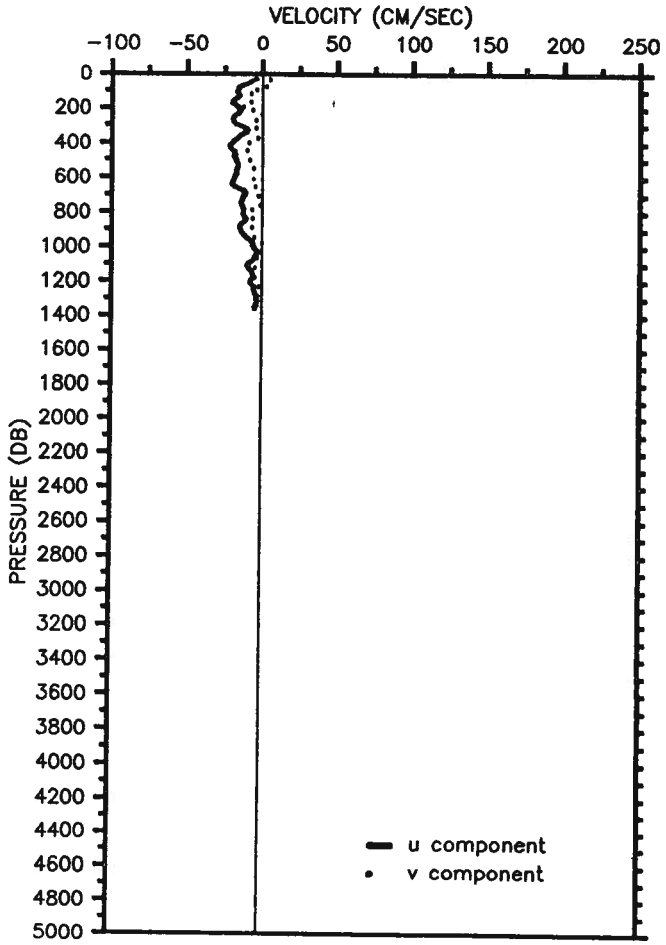

| Prs | U | V |
|---|---|---|
| 40 | 11.0 | 0.0 |
| 50 | 10.7 | 0.9 |
| 60 | 10.6 | 1.4 |
| 70 | 9.2 | 1.8 |
| 80 | 7.1 | 1.7 |
| 90 | 4.5 | 2.5 |
| 100 | 2.1 | 3.0 |
| 110 | 0.5 | 3.3 |
| 120 | 0.2 | 3.8 |
| 130 | 0.8 | 4.1 |
| 140 | 0.9 | 4.5 |
| 150 | 0.8 | 4.2 |
| 160 | -0.1 | 3.3 |
| 170 | -0.4 | 3.2 |
| 180 | -0.2 | 3.2 |
| 190 | -1.3 | 2.9 |
| 200 | -2.7 | 2.3 |
| 250 | -5.4 | -9.9 |
| 300 | -1.5 | -2.8 |
| 350 | 5.7 | 0.7 |
| 400 | 3.2 | -1.2 |
| 450 | 0.7 | 2.2 |
| 500 | -1.5 | 0.8 |
| 550 | -4.2 | 1.6 |
| 600 | 0.0 | -5.2 |
| 650 | 0.5 | -2.4 |
| 700 | 2.4 | 0.5 |
| 750 | 3.3 | -3.0 |
| 800 | 4.2 | 4.5 |
| 850 | -1.5 | 4.4 |
| 900 | 5.3 | 3.2 |
| 950 | 3.9 | 2.6 |
| 1000 | -0.3 | -0.6 |
| 1500 | -2.4 | -1.5 |
| 1520 | -2.9 | -1.6 |

RES-STACS23-86 PEGASUS 24 STN 33
R/V RESEARCHER JDAY 29 TIME 0805Z
Latitude 16.492 N Longitude 063.532 W



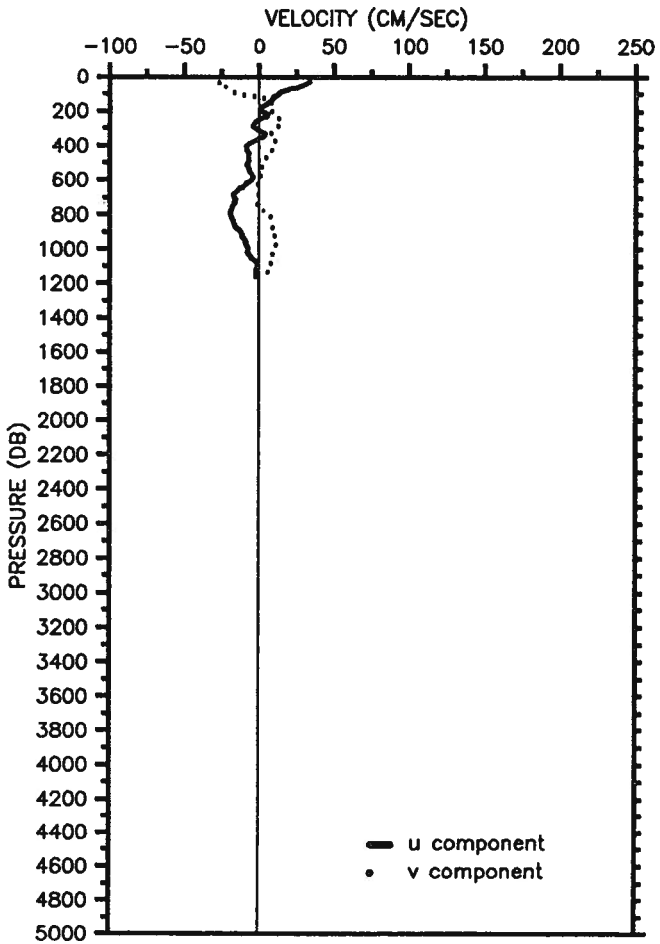

| Prs | U | V |
|---|---|---|
| 30 | 34.1 | -13.8 |
| 40 | 31.8 | -13.9 |
| 50 | 27.5 | -12.5 |
| 60 | 23.5 | -9.7 |
| 70 | 21.8 | -6.9 |
| 80 | 21.1 | -5.5 |
| 90 | 19.0 | -4.9 |
| 100 | 14.7 | -4.8 |
| 110 | 8.7 | -5.0 |
| 120 | 4.4 | -5.6 |
| 130 | 2.7 | -5.5 |
| 140 | 2.4 | -4.4 |
| 150 | 2.9 | -2.8 |
| 160 | 2.4 | -1.9 |
| 170 | 0.8 | -2.2 |
| 180 | -1.2 | -3.0 |
| 190 | -1.7 | -3.9 |
| 200 | 0.5 | -4.1 |
| 250 | -3.0 | -1.2 |
| 300 | -2.2 | -6.5 |
| 350 | -2.8 | -0.9 |
| 400 | 1.7 | -1.1 |
| 450 | 0.6 | 1.2 |
| 500 | 3.3 | 1.1 |
| 550 | 4.3 | 3.5 |
| 600 | 5.8 | 3.5 |
| 650 | 6.8 | 7.5 |
| 700 | 4.8 | 8.7 |
| 750 | 6.9 | 7.3 |
| 800 | 8.3 | 5.8 |
| 850 | 3.4 | 6.7 |
| 900 | 3.9 | 4.3 |
| 950 | 2.0 | 1.8 |
| 1000 | 3.6 | 1.7 |
| 1310 | 4.2 | 1.6 |

RES-STACS23-86 PEGASUS 25 STN 32
R/V RESEARCHER JDAY 30 TIME 0128Z
Latitude 15.027 N Longitude 063.530 W



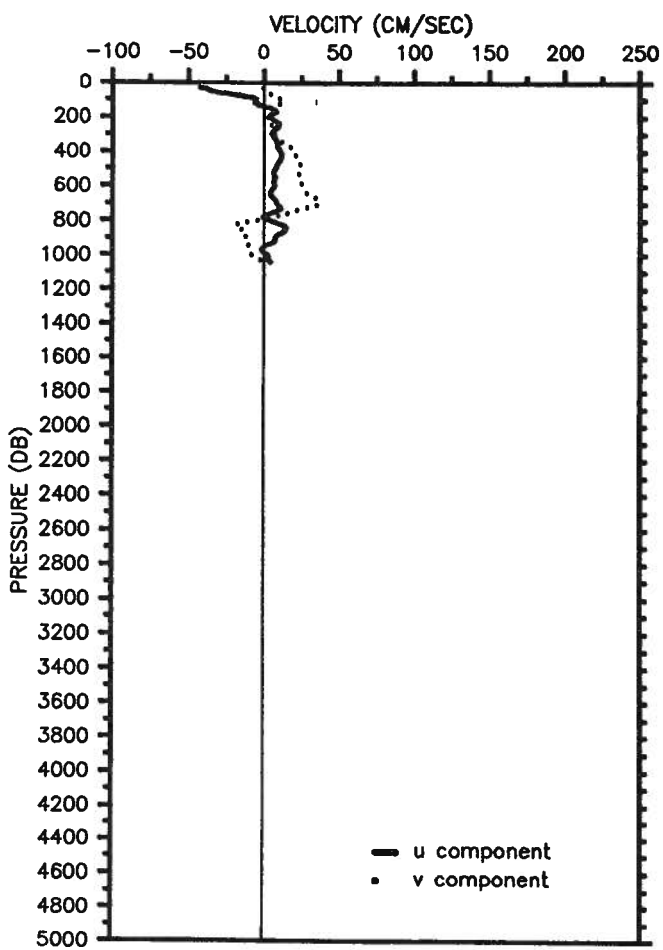

| Prs | U | V |
|---|---|---|
| 30 | -4.1 | 5.2 |
| 40 | -5.8 | 4.3 |
| 50 | -8.5 | 5.1 |
| 60 | -10.9 | 5.2 |
| 70 | -13.3 | 4.0 |
| 80 | -15.5 | 0.5 |
| 90 | -16.1 | -4.7 |
| 100 | -16.4 | -8.2 |
| 110 | -16.2 | -8.4 |
| 120 | -15.9 | -7.0 |
| 130 | -15.7 | -5.9 |
| 140 | -16.2 | -6.6 |
| 150 | -17.5 | -7.2 |
| 160 | -19.3 | -7.0 |
| 170 | -19.7 | -9.1 |
| 180 | -18.4 | -11.9 |
| 190 | -16.6 | -12.8 |
| 200 | -15.2 | -10.5 |
| 250 | -18.8 | 0.2 |
| 300 | -15.5 | -4.6 |
| 350 | -12.8 | -1.8 |
| 400 | -20.2 | -9.5 |
| 450 | -18.6 | -9.4 |
| 500 | -17.2 | -8.1 |
| 550 | -16.7 | -5.5 |
| 600 | -18.3 | -5.3 |
| 650 | -18.7 | -4.5 |
| 700 | -11.7 | -2.5 |
| 750 | -13.8 | -0.3 |
| 800 | -12.6 | -8.2 |
| 850 | -11.2 | -5.9 |
| 900 | -14.4 | -5.6 |
| 950 | -9.4 | -4.2 |
| 1000 | -5.5 | 0.4 |
| 1380 | -4.4 | -5.4 |

RES-STACS23-86 PEGASUS 26 STN 31
R/V RESEARCHER JDAY 30 TIME 1626Z
Latitude 13.494 N Longitude 063.557 W



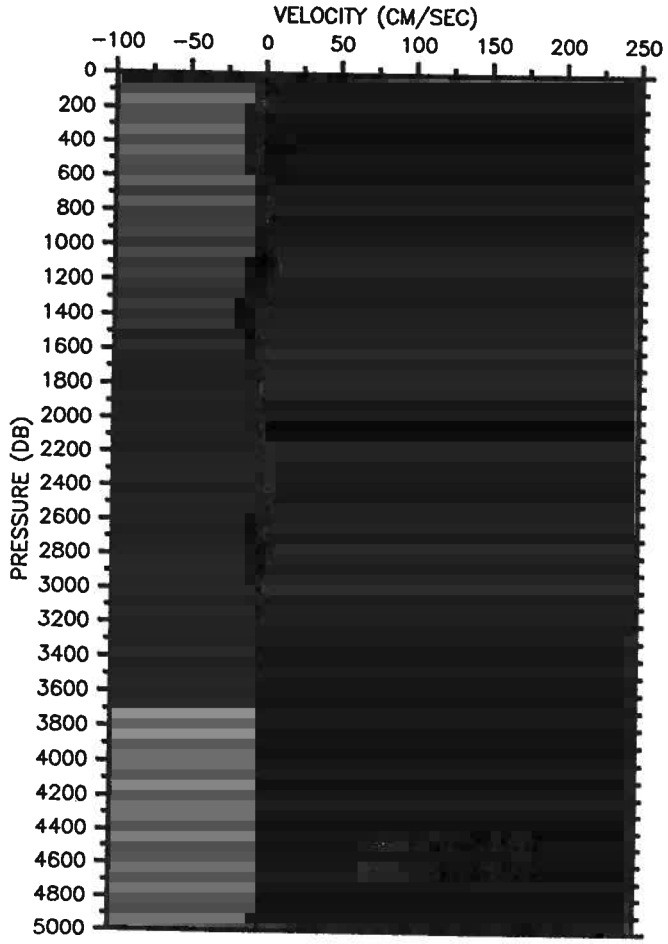

| Prs | U | V |
|---|---|---|
| 30 | 33.4 | -26.9 |
| 40 | 32.3 | -27.8 |
| 50 | 29.6 | -25.1 |
| 60 | 25.7 | -21.6 |
| 70 | 21.5 | -19.3 |
| 80 | 17.5 | -17.5 |
| 90 | 14.0 | -15.7 |
| 100 | 13.0 | -11.6 |
| 110 | 11.4 | -5.0 |
| 120 | 9.8 | 2.1 |
| 130 | 8.6 | 6.8 |
| 140 | 7.4 | 8.3 |
| 150 | 6.7 | 8.1 |
| 160 | 5.0 | 9.1 |
| 170 | 2.7 | 9.8 |
| 180 | 1.2 | 9.1 |
| 190 | 0.9 | 8.1 |
| 200 | 2.2 | 8.4 |
| 250 | 0.1 | 14.0 |
| 300 | -2.5 | 9.5 |
| 350 | 2.0 | 8.0 |
| 400 | -8.4 | 8.3 |
| 450 | -7.1 | 8.9 |
| 500 | -7.9 | 3.0 |
| 550 | -6.6 | 2.3 |
| 600 | -5.3 | -1.4 |
| 650 | -13.0 | 0.3 |
| 700 | -16.5 | 0.0 |
| 750 | -17.8 | -1.2 |
| 800 | -19.3 | 7.3 |
| 850 | -17.0 | 8.5 |
| 900 | -12.3 | 8.1 |
| 950 | -9.4 | 12.2 |
| 1000 | -7.6 | 9.4 |
| 1160 | -2.4 | 2.3 |

RES-STACS23-86 PEGASUS 27 STN 30
R/V RESEARCHER JDAY 31 TIME 0542Z
Latitude 12.500 N Longitude 063.489 W



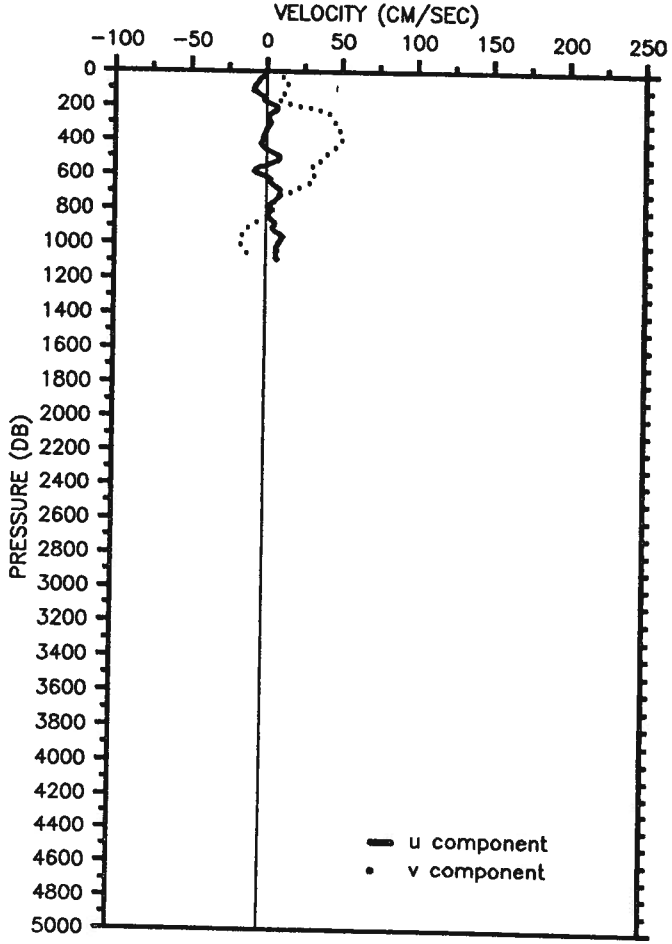

| Prs | U | V |
|---|---|---|
| 30 | -42.0 | -0.8 |
| 40 | -37.8 | -0.2 |
| 50 | -35.0 | 2.8 |
| 60 | -29.5 | 4.1 |
| 70 | -22.3 | 5.7 |
| 80 | -13.9 | 7.8 |
| 90 | -7.2 | 10.5 |
| 100 | -5.5 | 13.1 |
| 110 | -5.7 | 13.1 |
| 120 | -5.9 | 11.6 |
| 130 | -3.5 | 9.5 |
| 140 | 0.5 | 8.2 |
| 150 | 4.3 | 8.7 |
| 160 | 7.0 | 9.2 |
| 170 | 7.5 | 8.4 |
| 180 | 6.3 | 6.4 |
| 190 | 4.3 | 3.8 |
| 200 | 3.5 | 2.8 |
| 250 | 9.4 | 4.3 |
| 300 | 5.3 | 7.5 |
| 350 | 8.5 | 14.1 |
| 400 | 10.9 | 19.9 |
| 450 | 10.8 | 23.6 |
| 500 | 7.9 | 24.2 |
| 550 | 7.2 | 23.4 |
| 600 | 6.9 | 26.0 |
| 650 | 4.5 | 31.4 |
| 700 | 8.7 | 36.6 |
| 750 | 7.1 | 17.7 |
| 800 | 4.1 | -7.3 |
| 850 | 14.3 | -14.3 |
| 900 | 7.4 | -12.4 |
| 950 | 0.6 | -9.3 |
| 1000 | 2.1 | -7.3 |
| 1040 | 4.3 | 0.8 |

RES-STACS23-86 PEGASUS 28 STN 18
R/V RESEARCHER JDAY 36 TIME 0612Z
Latitude 26.526 N Longitude 076.739 W



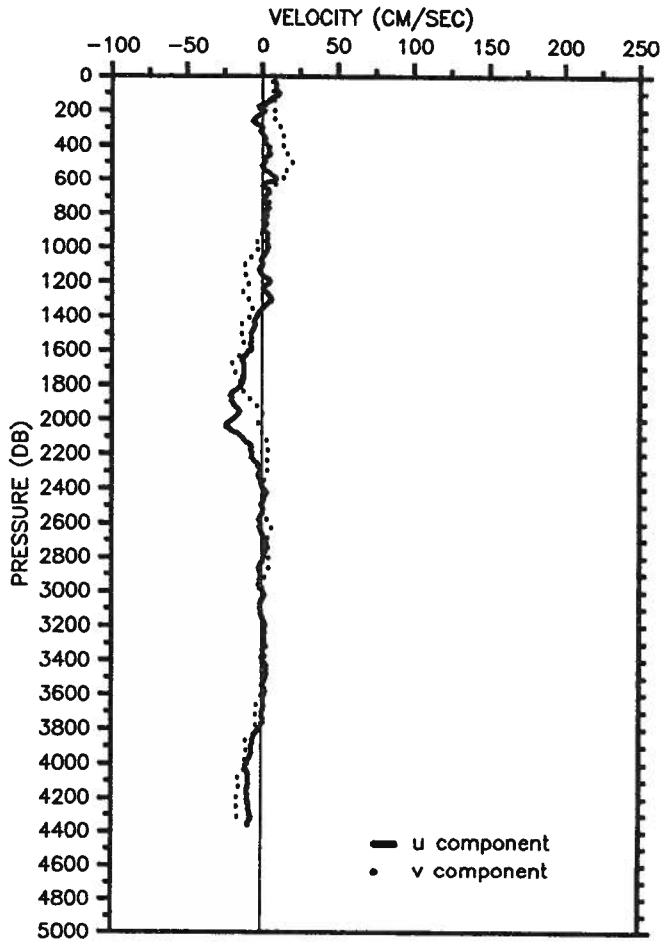

| Prs | U | V |
|---|---|---|
| 50 | -3.9 | 8.7 |
| 60 | -5.3 | 9.0 |
| 70 | -5.8 | 8.9 |
| 80 | -6.2 | 8.4 |
| 90 | -6.2 | 7.5 |
| 100 | -6.1 | 7.1 |
| 110 | -5.7 | 6.7 |
| 120 | -5.9 | 7.2 |
| 130 | -5.2 | 7.4 |
| 140 | -3.8 | 7.2 |
| 150 | -2.8 | 7.8 |
| 160 | -1.9 | 8.0 |
| 170 | -2.3 | 8.8 |
| 180 | -2.9 | 9.2 |
| 190 | -3.0 | 8.7 |
| 200 | -3.3 | 8.5 |
| 250 | -7.5 | 10.5 |
| 300 | -12.2 | 13.7 |
| 350 | -11.4 | 14.4 |
| 400 | -8.1 | 21.5 |
| 450 | -5.0 | 22.0 |
| 500 | -6.0 | 20.1 |
| 550 | -7.9 | 20.5 |
| 600 | -3.2 | 17.6 |
| 650 | 3.3 | 10.5 |
| 700 | 2.8 | 10.5 |
| 750 | 1.4 | 10.4 |
| 800 | 1.9 | 7.8 |
| 850 | 2.8 | 3.9 |
| 900 | 6.3 | 0.8 |
| 950 | 1.6 | 2.2 |
| 1000 | 3.6 | -0.5 |
| 1500 | 0.5 | -9.5 |
| 2000 | -3.8 | 2.4 |
| 2500 | 4.9 | 7.4 |
| 3000 | 1.2 | -2.2 |
| 3190 | 0.4 | -2.4 |

RES-STACS23-86 PEGASUS 29 STN 19
R/V RESEARCHER JDAY 36 TIME 1847Z
Latitude 26.544 N Longitude 076.841 W



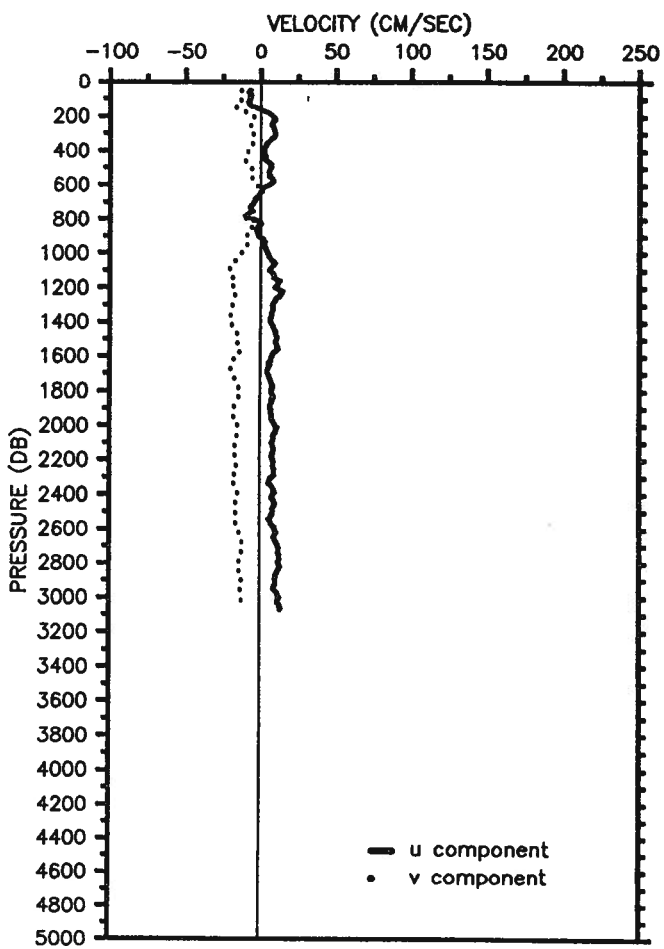

| Prs | U | V |
|---|---|---|
| 30 | -2.1 | 10.9 |
| 40 | -3.7 | 12.7 |
| 50 | -4.8 | 13.9 |
| 60 | -5.5 | 14.4 |
| 70 | -6.4 | 14.4 |
| 80 | -7.3 | 13.9 |
| 90 | -8.0 | 13.2 |
| 100 | -8.4 | 12.2 |
| 110 | -8.1 | 12.0 |
| 120 | -6.8 | 12.0 |
| 130 | -5.0 | 11.3 |
| 140 | -3.0 | 10.2 |
| 150 | -1.6 | 8.5 |
| 160 | -1.7 | 8.1 |
| 170 | -1.0 | 9.4 |
| 180 | 0.7 | 12.5 |
| 190 | 3.2 | 17.1 |
| 200 | 6.0 | 22.5 |
| 250 | 2.9 | 42.8 |
| 300 | 2.7 | 46.5 |
| 350 | -0.2 | 49.4 |
| 400 | -2.4 | 50.1 |
| 450 | -0.8 | 44.9 |
| 500 | 8.6 | 38.8 |
| 550 | -0.4 | 30.6 |
| 600 | -4.0 | 32.3 |
| 650 | 2.8 | 28.6 |
| 700 | 9.2 | 16.5 |
| 750 | 6.2 | 5.1 |
| 800 | 2.9 | 5.2 |
| 850 | 1.6 | 0.3 |
| 900 | 5.2 | -10.7 |
| 950 | 10.1 | -15.5 |
| 1000 | 8.3 | -16.9 |
| 1090 | 7.6 | -11.6 |

RES-STACS23-86 PEGASUS 30 STN 17
R/V RESEARCHER JDAY 37 TIME 0420Z
Latitude 26.576 N Longitude 076.638 W



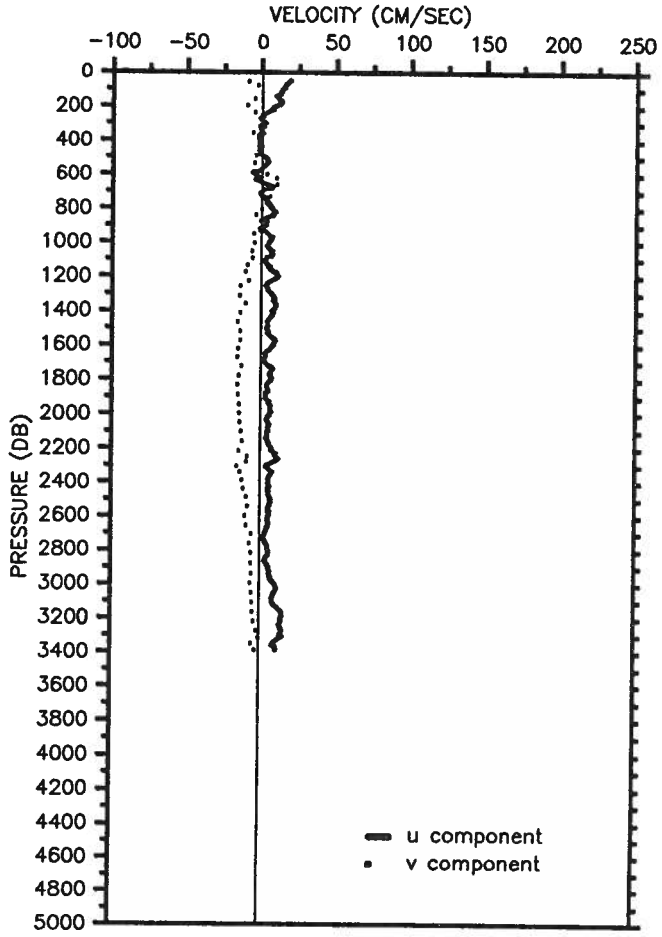

| Prs | U | V |
|---|---|---|
| 30 | 8.0 | 6.1 |
| 40 | 8.3 | 5.7 |
| 50 | 8.6 | 6.2 |
| 60 | 8.9 | 6.3 |
| 70 | 9.0 | 5.9 |
| 80 | 9.4 | 6.1 |
| 90 | 9.9 | 6.5 |
| 100 | 11.0 | 6.8 |
| 110 | 10.4 | 7.0 |
| 120 | 8.7 | 8.1 |
| 130 | 6.7 | 8.6 |
| 140 | 4.7 | 7.4 |
| 150 | 4.4 | 4.6 |
| 160 | 1.7 | 2.8 |
| 170 | -0.8 | 2.2 |
| 180 | -2.3 | 4.9 |
| 190 | -1.7 | 7.0 |
| 200 | 1.0 | 8.2 |
| 250 | -5.2 | 8.2 |
| 300 | -0.2 | 11.5 |
| 350 | 1.1 | 14.9 |
| 400 | 3.4 | 13.9 |
| 450 | 4.8 | 18.5 |
| 500 | 1.5 | 19.7 |
| 550 | 2.4 | 14.9 |
| 600 | 8.6 | 11.9 |
| 650 | 1.8 | 7.7 |
| 700 | 2.8 | 4.9 |
| 750 | 2.8 | 4.3 |
| 800 | 2.6 | -0.7 |
| 850 | 1.5 | 4.0 |
| 900 | 0.9 | -0.1 |
| 950 | 3.2 | -1.9 |
| 1000 | 3.6 | -4.3 |
| 1500 | -7.3 | -13.7 |
| 2000 | -19.7 | -1.0 |
| 2500 | -0.1 | 1.7 |
| 3000 | 0.6 | 0.4 |
| 3500 | 2.3 | 1.5 |
| 4000 | -10.0 | -10.6 |
| 4360 | -9.1 | -17.0 |

RES-STACS23-86 PEGASUS 31 STN 15
R/V RESEARCHER JDAY 37 TIME 1201Z
Latitude 26.516 N Longitude 076.378 W



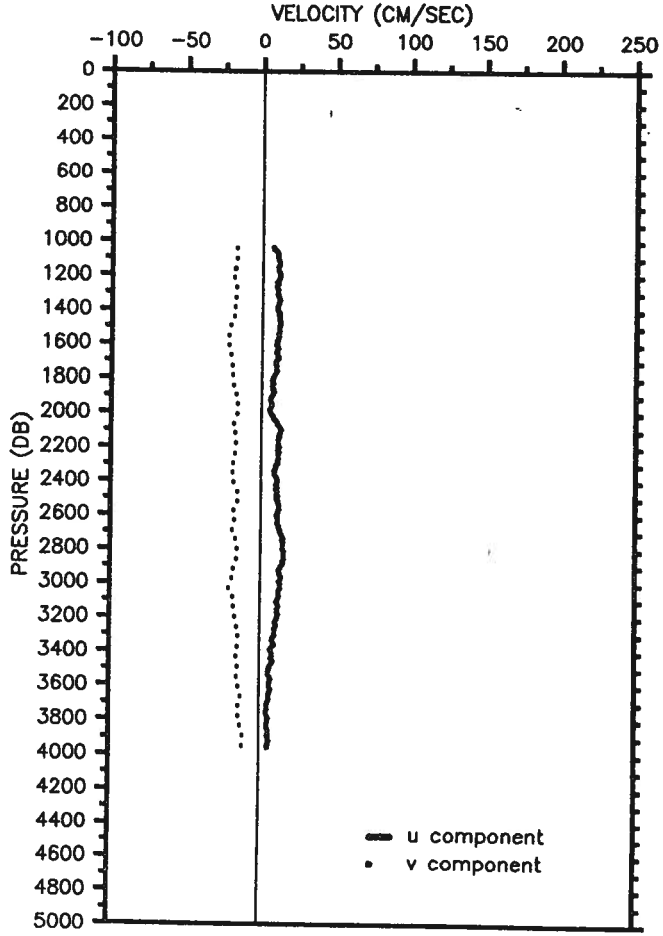

| Prs | U | V |
|---|---|---|
| 50 | -7.2 | -13.1 |
| 60 | -7.7 | -12.4 |
| 70 | -7.1 | -11.6 |
| 80 | -6.8 | -11.2 |
| 90 | -7.1 | -11.7 |
| 100 | -7.2 | -12.4 |
| 110 | -7.5 | -13.6 |
| 120 | -7.9 | -15.3 |
| 130 | -7.3 | -16.2 |
| 140 | -6.1 | -16.8 |
| 150 | -3.4 | -15.0 |
| 160 | -0.1 | -12.4 |
| 170 | 2.7 | -9.9 |
| 180 | 5.0 | -7.7 |
| 190 | 7.0 | -5.8 |
| 200 | 8.2 | -4.6 |
| 250 | 7.5 | -6.5 |
| 300 | 9.5 | -4.8 |
| 350 | 5.0 | -5.0 |
| 400 | 2.9 | -8.5 |
| 450 | 3.0 | -10.2 |
| 500 | 6.9 | -5.8 |
| 550 | 5.8 | -6.2 |
| 600 | 5.7 | -2.1 |
| 650 | -0.1 | -1.5 |
| 700 | -4.4 | -3.8 |
| 750 | -5.3 | -4.0 |
| 800 | -4.8 | -6.3 |
| 850 | -2.1 | -7.1 |
| 900 | -0.9 | -9.0 |
| 950 | 2.7 | -9.3 |
| 1000 | 4.7 | -13.1 |
| 1500 | 10.8 | -14.5 |
| 2000 | 10.2 | -14.7 |
| 2500 | 8.7 | -16.1 |
| 3000 | 12.8 | -12.3 |
| 3070 | 13.7 | -11.2 |

RES-STACS23-86 PEGASUS 32 STN 16
R/V RESEARCHER JDAY 37 TIME 2036Z
Latitude 26.540 N Longitude 076.527 W



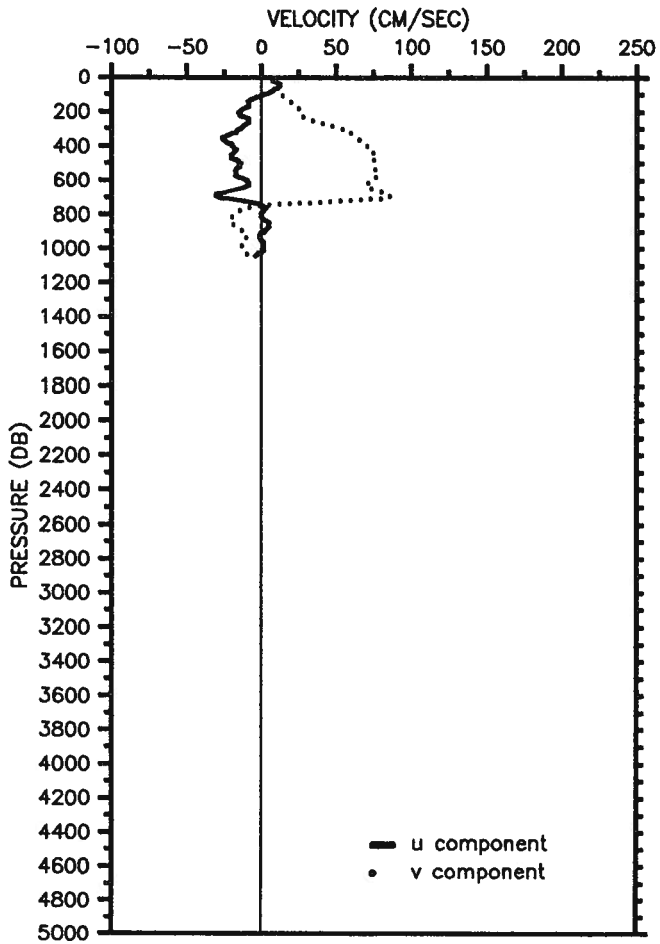

| Prs | U | V |
|---|---|---|
| 50 | 18.7 | -9.5 |
| 60 | 16.8 | -5.0 |
| 70 | 16.2 | -3.3 |
| 80 | 15.3 | -2.7 |
| 90 | 14.9 | -1.7 |
| 100 | 13.3 | 0.2 |
| 110 | 12.7 | 0.2 |
| 120 | 12.5 | -1.7 |
| 130 | 11.7 | -3.2 |
| 140 | 9.1 | -3.9 |
| 150 | 10.2 | -4.9 |
| 160 | 10.9 | -5.8 |
| 170 | 12.6 | -7.9 |
| 180 | 12.6 | -9.0 |
| 190 | 11.7 | -10.2 |
| 200 | 8.3 | -8.8 |
| 250 | 0.2 | -2.0 |
| 300 | 1.9 | -4.1 |
| 350 | -0.8 | -5.8 |
| 400 | -1.8 | -3.4 |
| 450 | -1.4 | -2.1 |
| 500 | 2.0 | -6.5 |
| 550 | 1.8 | -2.4 |
| 600 | -4.7 | 3.6 |
| 650 | 0.0 | 11.8 |
| 700 | 0.0 | 6.4 |
| 750 | 2.7 | 7.1 |
| 800 | 6.4 | 0.8 |
| 850 | 5.6 | -2.7 |
| 900 | 2.8 | -0.8 |
| 950 | 4.0 | -5.2 |
| 1000 | 4.8 | -4.9 |
| 1500 | 3.9 | -13.9 |
| 2000 | 5.8 | -13.8 |
| 2500 | 6.5 | -8.9 |
| 3000 | 10.0 | -7.1 |
| 3390 | 11.0 | -3.4 |

RES-STACS23-86 PEGASUS 33 STN 34
R/V RESEARCHER JDAY 38 TIME 0518Z
Latitude 26.479 N Longitude 076.143 W



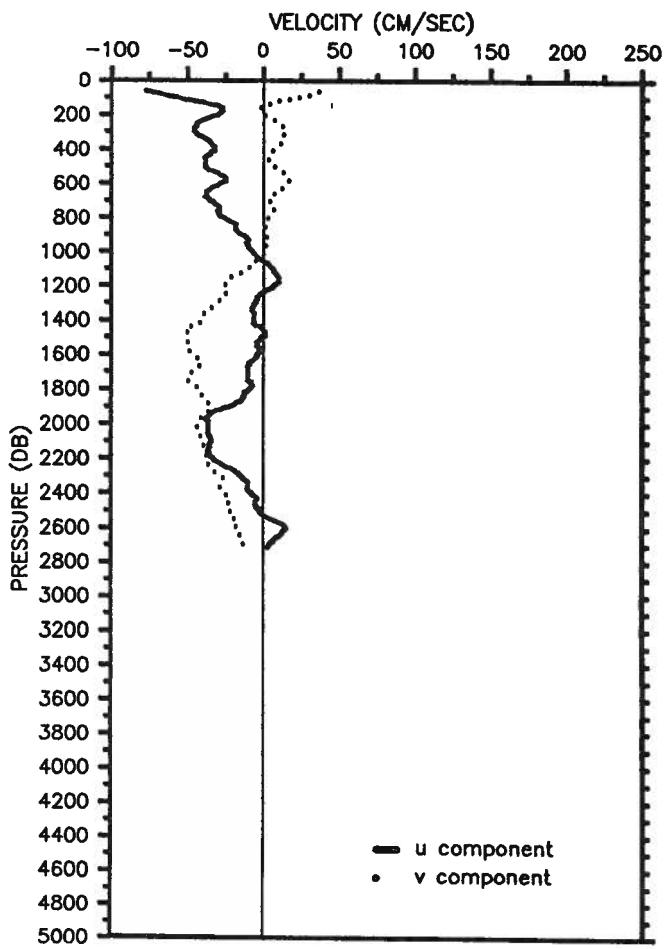

| Prs | U | V |
|---|---|---|
| 1500 | 11.7 | -21.0 |
| 2000 | 6.2 | -16.1 |
| 2500 | 10.9 | -15.4 |
| 3000 | 13.1 | -20.2 |
| 3500 | 6.6 | -14.8 |
| 3960 | 5.8 | -11.0 |

RES-STACS24-86 PEGASUS 1 STN 19
R/V RESEARCHER JDAY 87 TIME 2112Z
Latitude 26.542 N Longitude 076.842 W



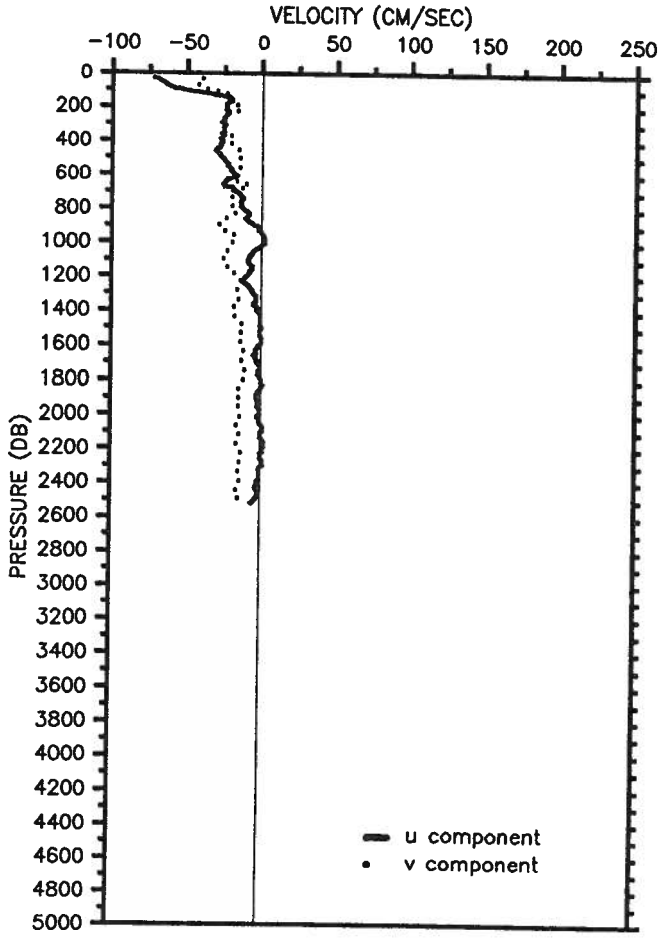

| Prs | U | V |
|---|---|---|
| 20 | 8.0 | 7.0 |
| 30 | 11.0 | 10.0 |
| 40 | 12.0 | 10.0 |
| 50 | 12.0 | 10.0 |
| 60 | 11.0 | 10.0 |
| 70 | 9.0 | 11.0 |
| 80 | 7.0 | 13.0 |
| 90 | 5.0 | 14.0 |
| 100 | 2.0 | 14.0 |
| 110 | -1.0 | 15.0 |
| 120 | -4.0 | 16.0 |
| 130 | -7.0 | 18.0 |
| 140 | -9.0 | 20.0 |
| 150 | -9.0 | 22.0 |
| 160 | -9.0 | 23.0 |
| 170 | -9.0 | 24.0 |
| 180 | -11.0 | 25.0 |
| 190 | -13.0 | 25.0 |
| 200 | -15.0 | 25.0 |
| 250 | -9.0 | 38.0 |
| 300 | -14.0 | 55.0 |
| 350 | -26.0 | 64.0 |
| 400 | -19.0 | 71.0 |
| 450 | -20.0 | 74.0 |
| 500 | -14.0 | 76.0 |
| 550 | -17.0 | 75.0 |
| 600 | -10.0 | 75.0 |
| 650 | -15.0 | 75.0 |
| 700 | -27.0 | 81.0 |
| 750 | 1.0 | -5.0 |
| 800 | 0.0 | -18.0 |
| 850 | 5.0 | -20.0 |
| 900 | 2.0 | -11.0 |
| 950 | 0.0 | -12.0 |
| 1000 | 1.0 | -12.0 |
| 1040 | -4.0 | -10.0 |

RES-STACS24-86 PEGASUS 3 STN 17
R/V RESEARCHER JDAY 88 TIME 0810Z
Latitude 26.575 N Longitude 076.627 W



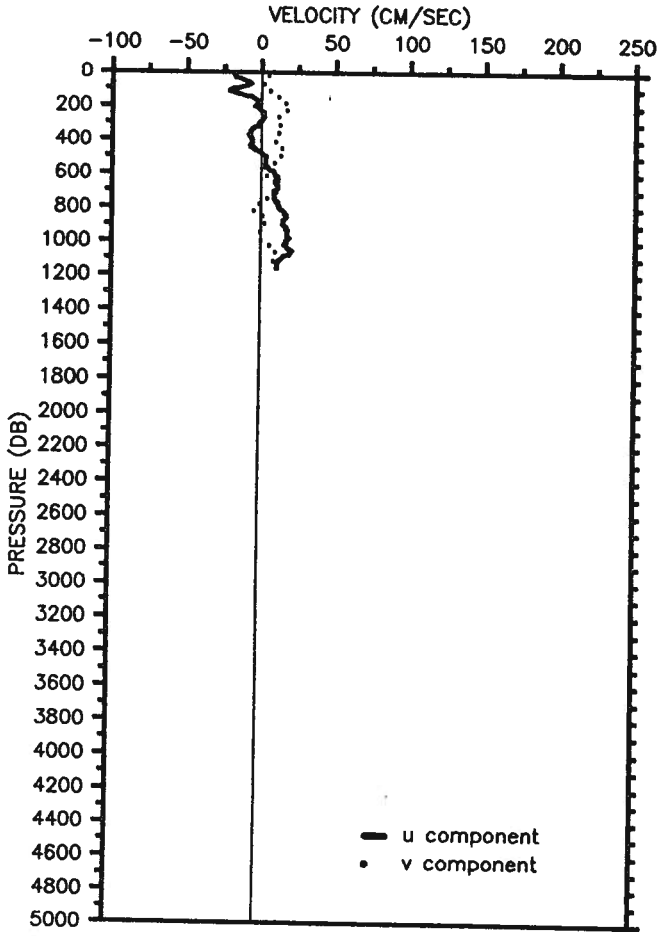

| Prs | U | V |
|---|---|---|
| 60 | -77.0 | 37.0 |
| 70 | -73.0 | 35.0 |
| 80 | -67.0 | 32.0 |
| 90 | -62.0 | 27.0 |
| 100 | -57.0 | 21.0 |
| 110 | -52.0 | 15.0 |
| 120 | -46.0 | 9.0 |
| 130 | -39.0 | 5.0 |
| 140 | -34.0 | 2.0 |
| 150 | -30.0 | -1.0 |
| 160 | -27.0 | -2.0 |
| 170 | -27.0 | -2.0 |
| 180 | -27.0 | -1.0 |
| 190 | -28.0 | 0.0 |
| 200 | -30.0 | 1.0 |
| 250 | -43.0 | 11.0 |
| 300 | -45.0 | 14.0 |
| 350 | -36.0 | 12.0 |
| 400 | -32.0 | 7.0 |
| 450 | -38.0 | 4.0 |
| 500 | -38.0 | 8.0 |
| 550 | -28.0 | 15.0 |
| 600 | -28.0 | 16.0 |
| 650 | -37.0 | 8.0 |
| 700 | -35.0 | 5.0 |
| 750 | -29.0 | 7.0 |
| 800 | -28.0 | 3.0 |
| 850 | -18.0 | 1.0 |
| 900 | -14.0 | 2.0 |
| 950 | -11.0 | 2.0 |
| 1000 | -7.0 | 2.0 |
| 1500 | -1.0 | -49.0 |
| 2000 | -36.0 | -43.0 |
| 2500 | -3.0 | -22.0 |
| 2710 | 3.0 | -12.0 |

RES-STACS24-86 PEGASUS 6 STN 34
R/V RESEARCHER JDAY 88 TIME 2312Z
Latitude 26.479 N Longitude 076.136 W



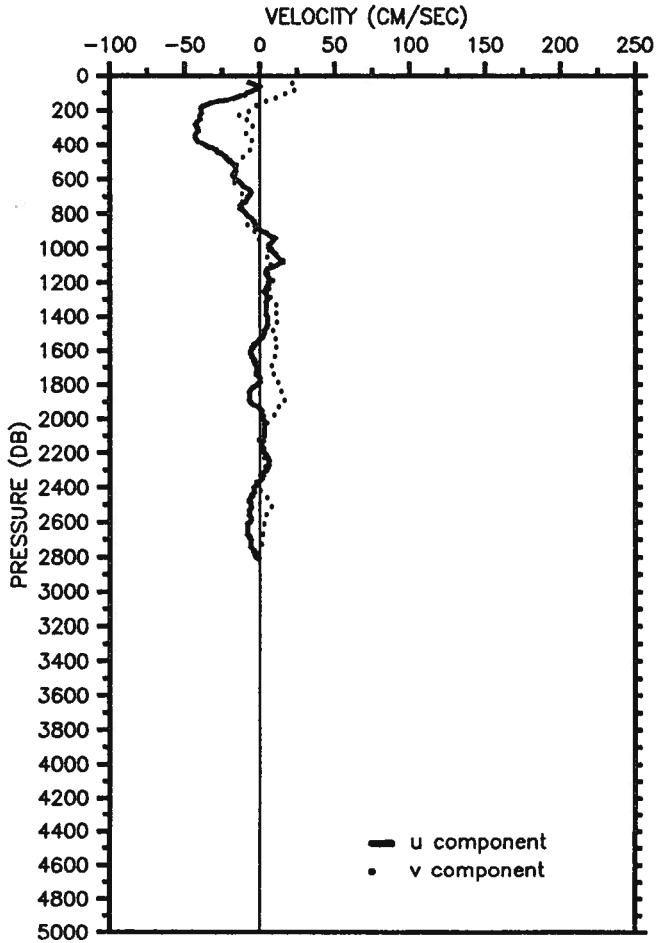

| Prs | U | V |
|---|---|---|
| 30 | -72.0 | -40.0 |
| 40 | -69.0 | -40.0 |
| 50 | -67.0 | -43.0 |
| 60 | -65.0 | -42.0 |
| 70 | -64.0 | -43.0 |
| 80 | -62.0 | -41.0 |
| 90 | -59.0 | -38.0 |
| 100 | -54.0 | -34.0 |
| 110 | -48.0 | -29.0 |
| 120 | -41.0 | -25.0 |
| 130 | -33.0 | -22.0 |
| 140 | -26.0 | -21.0 |
| 150 | -22.0 | -22.0 |
| 160 | -21.0 | -23.0 |
| 170 | -21.0 | -22.0 |
| 180 | -23.0 | -20.0 |
| 190 | -24.0 | -17.0 |
| 200 | -24.0 | -15.0 |
| 250 | -24.0 | -24.0 |
| 300 | -26.0 | -25.0 |
| 350 | -26.0 | -23.0 |
| 400 | -27.0 | -23.0 |
| 450 | -30.0 | -16.0 |
| 500 | -27.0 | -15.0 |
| 550 | -23.0 | -15.0 |
| 600 | -19.0 | -18.0 |
| 650 | -25.0 | -13.0 |
| 700 | -18.0 | -22.0 |
| 750 | -13.0 | -19.0 |
| 800 | -13.0 | -18.0 |
| 850 | -10.0 | -22.0 |
| 900 | -5.0 | -29.0 |
| 950 | 0.0 | -19.0 |
| 1000 | 2.0 | -19.0 |
| 1500 | 0.0 | -12.0 |
| 2000 | -1.0 | -14.0 |
| 2500 | -4.0 | -15.0 |
| 2520 | -6.0 | -15.0 |

RES-STACS24-86 PEGASUS 7 STN 20
R/V RESEARCHER JDAY 92 TIME 0011Z
Latitude 20.722 N Longitude 073.113 W



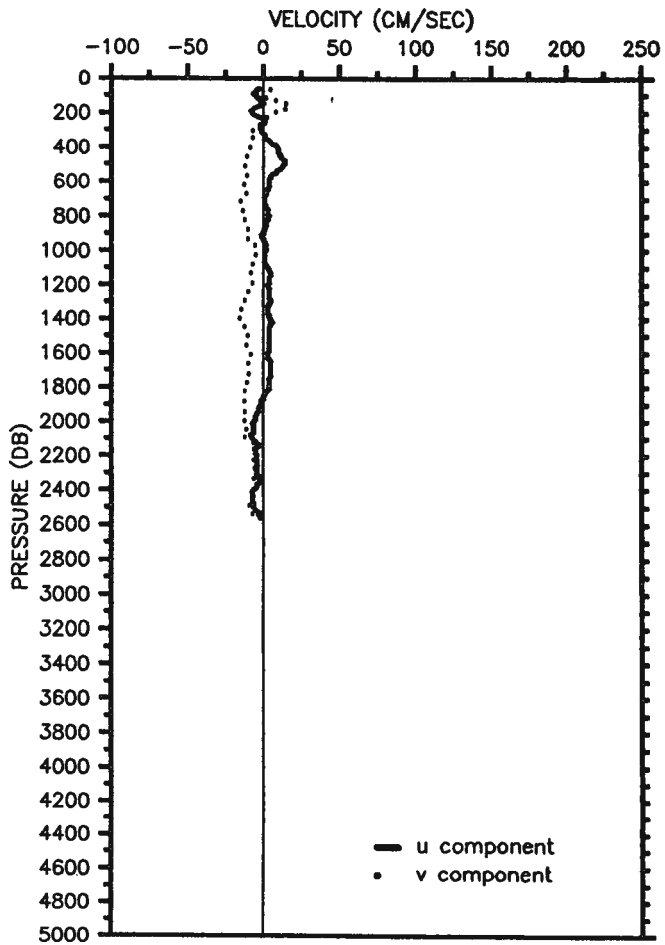

| Prs | U | V |
|---|---|---|
| 20 | -18.0 | 5.0 |
| 30 | -17.0 | 5.0 |
| 40 | -14.0 | 4.0 |
| 50 | -11.0 | 4.0 |
| 60 | -8.0 | 3.0 |
| 70 | -7.0 | 2.0 |
| 80 | -9.0 | 3.0 |
| 90 | -14.0 | 3.0 |
| 100 | -19.0 | 4.0 |
| 110 | -21.0 | 6.0 |
| 120 | -19.0 | 9.0 |
| 130 | -15.0 | 10.0 |
| 140 | -10.0 | 11.0 |
| 150 | -6.0 | 12.0 |
| 160 | -4.0 | 13.0 |
| 170 | -2.0 | 15.0 |
| 180 | -2.0 | 16.0 |
| 190 | -3.0 | 18.0 |
| 200 | -4.0 | 19.0 |
| 250 | 2.0 | 13.0 |
| 300 | -1.0 | 12.0 |
| 350 | -7.0 | 13.0 |
| 400 | -8.0 | 11.0 |
| 450 | -5.0 | 14.0 |
| 500 | 3.0 | 13.0 |
| 550 | 3.0 | 5.0 |
| 600 | 9.0 | 3.0 |
| 650 | 11.0 | 9.0 |
| 700 | 10.0 | 8.0 |
| 750 | 9.0 | 4.0 |
| 800 | 12.0 | -4.0 |
| 850 | 17.0 | 1.0 |
| 900 | 15.0 | 2.0 |
| 950 | 18.0 | -1.0 |
| 1000 | 17.0 | 2.0 |
| 1160 | 11.0 | 13.0 |

RES-STACS24-86 PEGASUS 8 STN 21
R/V RESEARCHER JDAY 92 TIME 0943Z
Latitude 20.328 N Longitude 073.002 W



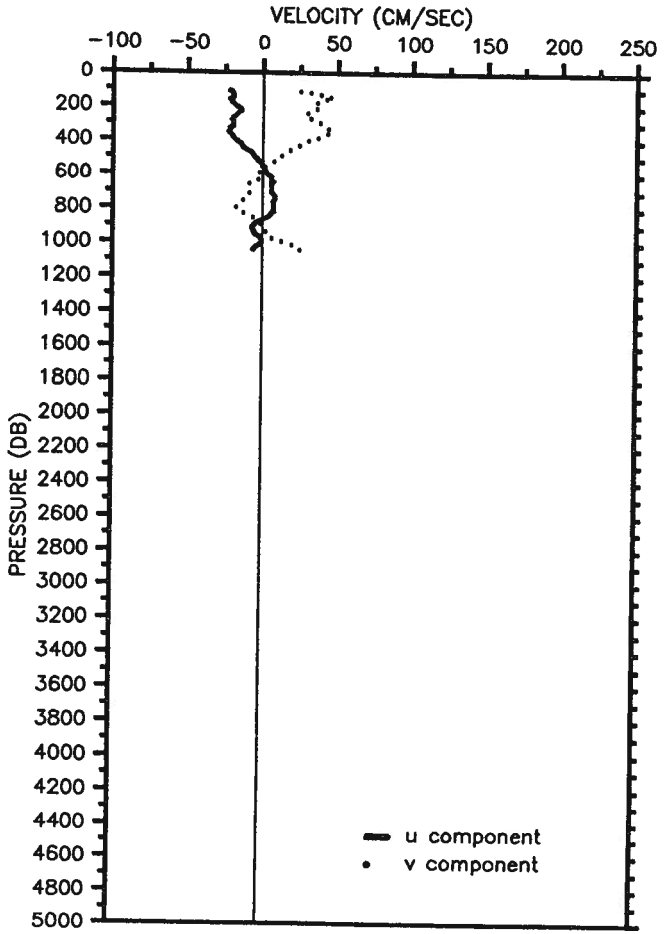

| Prs | U | V |
|---|---|---|
| 40 | -7.0 | 22.0 |
| 50 | -3.0 | 24.0 |
| 60 | 0.0 | 25.0 |
| 70 | -1.0 | 24.0 |
| 80 | -3.0 | 23.0 |
| 90 | -6.0 | 20.0 |
| 100 | -8.0 | 17.0 |
| 110 | -10.0 | 14.0 |
| 120 | -13.0 | 12.0 |
| 130 | -17.0 | 10.0 |
| 140 | -22.0 | 6.0 |
| 150 | -28.0 | 2.0 |
| 160 | -33.0 | -1.0 |
| 170 | -36.0 | -3.0 |
| 180 | -38.0 | -4.0 |
| 190 | -39.0 | -5.0 |
| 200 | -39.0 | -7.0 |
| 250 | -40.0 | -9.0 |
| 300 | -42.0 | -6.0 |
| 350 | -43.0 | -5.0 |
| 400 | -36.0 | -6.0 |
| 450 | -26.0 | -10.0 |
| 500 | -20.0 | -14.0 |
| 550 | -16.0 | -17.0 |
| 600 | -16.0 | -18.0 |
| 650 | -9.0 | -9.0 |
| 700 | -8.0 | -10.0 |
| 750 | -13.0 | -14.0 |
| 800 | -9.0 | -8.0 |
| 850 | -4.0 | -8.0 |
| 900 | 2.0 | -3.0 |
| 950 | 9.0 | 1.0 |
| 1000 | 7.0 | 7.0 |
| 1500 | 3.0 | 8.0 |
| 2000 | 2.0 | 7.0 |
| 2500 | -6.0 | 8.0 |
| 2810 | -1.0 | 0.0 |

RES-STACS24-86 PEGASUS 9 STN 22
R/V RESEARCHER JDAY 93 TIME 2352Z
Latitude 18.913 N Longitude 066.105 W



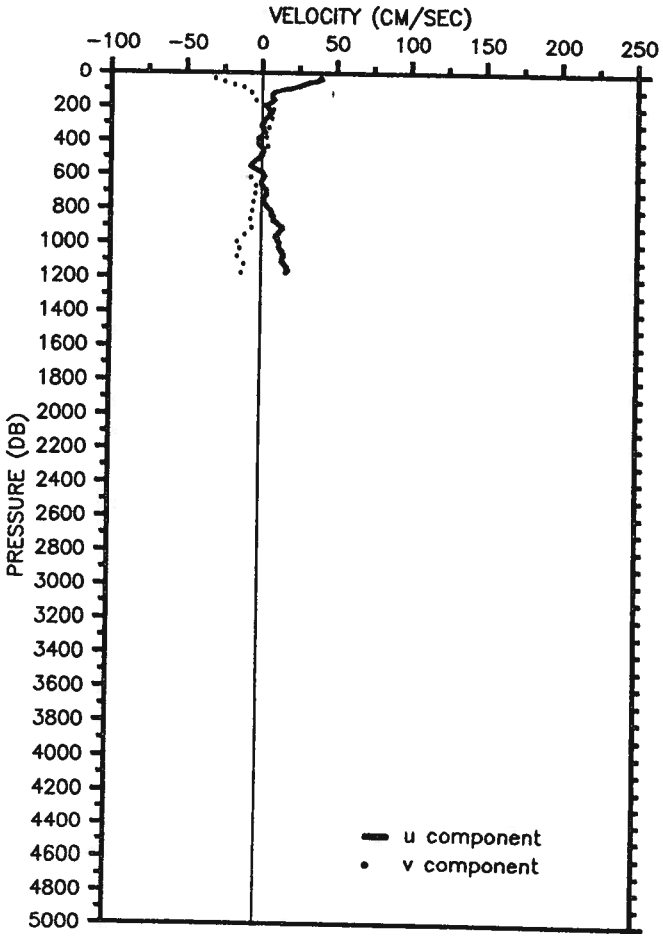

| Prs | U | V |
|---|---|---|
| 60 | -3.0 | 5.0 |
| 70 | -4.0 | 4.0 |
| 80 | -5.0 | 3.0 |
| 90 | -6.0 | 3.0 |
| 100 | -5.0 | 2.0 |
| 110 | -4.0 | 2.0 |
| 120 | -3.0 | 5.0 |
| 130 | -2.0 | 10.0 |
| 140 | -1.0 | 13.0 |
| 150 | 0.0 | 16.0 |
| 160 | -2.0 | 17.0 |
| 170 | -5.0 | 17.0 |
| 180 | -8.0 | 12.0 |
| 190 | -8.0 | 9.0 |
| 200 | -7.0 | 7.0 |
| 250 | 1.0 | 0.0 |
| 300 | -1.0 | -7.0 |
| 350 | 1.0 | -7.0 |
| 400 | 9.0 | -9.0 |
| 450 | 11.0 | -11.0 |
| 500 | 14.0 | -12.0 |
| 550 | 8.0 | -11.0 |
| 600 | 4.0 | -13.0 |
| 650 | 3.0 | -11.0 |
| 700 | 1.0 | -14.0 |
| 750 | 2.0 | -14.0 |
| 800 | 4.0 | -12.0 |
| 850 | 2.0 | -10.0 |
| 900 | 0.0 | -10.0 |
| 950 | 1.0 | -7.0 |
| 1000 | 2.0 | -4.0 |
| 1500 | 4.0 | -10.0 |
| 2000 | -8.0 | -12.0 |
| 2500 | -8.0 | -8.0 |
| 2560 | -2.0 | -8.0 |

RES-STACS24-86 PEGASUS 10 STN 30
R/V RESEARCHER JDAY 100 TIME 0735Z
Latitude 12.509 N Longitude 063.496 W



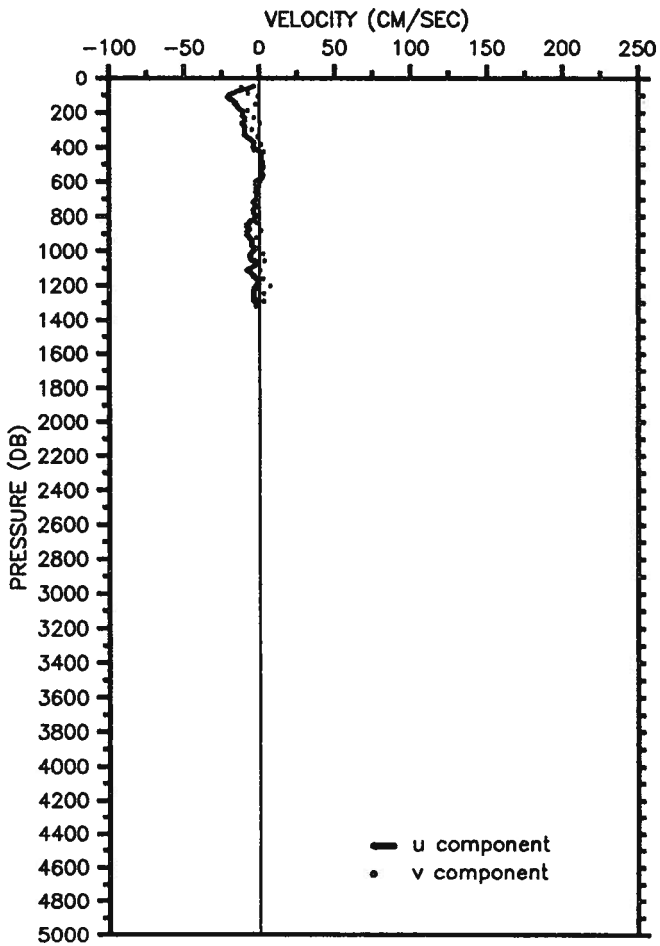

| Prs | U | V |
|---|---|---|
| 110 | -22.0 | 25.0 |
| 120 | -21.0 | 32.0 |
| 130 | -20.0 | 39.0 |
| 140 | -20.0 | 44.0 |
| 150 | -20.0 | 47.0 |
| 160 | -22.0 | 41.0 |
| 170 | -21.0 | 39.0 |
| 180 | -21.0 | 36.0 |
| 190 | -19.0 | 35.0 |
| 200 | -18.0 | 35.0 |
| 250 | -18.0 | 28.0 |
| 300 | -20.0 | 39.0 |
| 350 | -23.0 | 45.0 |
| 400 | -18.0 | 31.0 |
| 450 | -12.0 | 20.0 |
| 500 | -5.0 | 11.0 |
| 550 | 0.0 | 3.0 |
| 600 | 3.0 | -1.0 |
| 650 | 7.0 | -9.0 |
| 700 | 6.0 | -8.0 |
| 750 | 8.0 | -13.0 |
| 800 | 7.0 | -17.0 |
| 850 | 4.0 | -7.0 |
| 900 | -6.0 | -1.0 |
| 950 | -5.0 | 2.0 |
| 1000 | -1.0 | 16.0 |
| 1040 | -6.0 | 25.0 |

RES-STACS24-86 PEGASUS 11 STN 31
R/V RESEARCHER JDAY 100 TIME 1732Z
Latitude 13.502 N Longitude 063.557 W



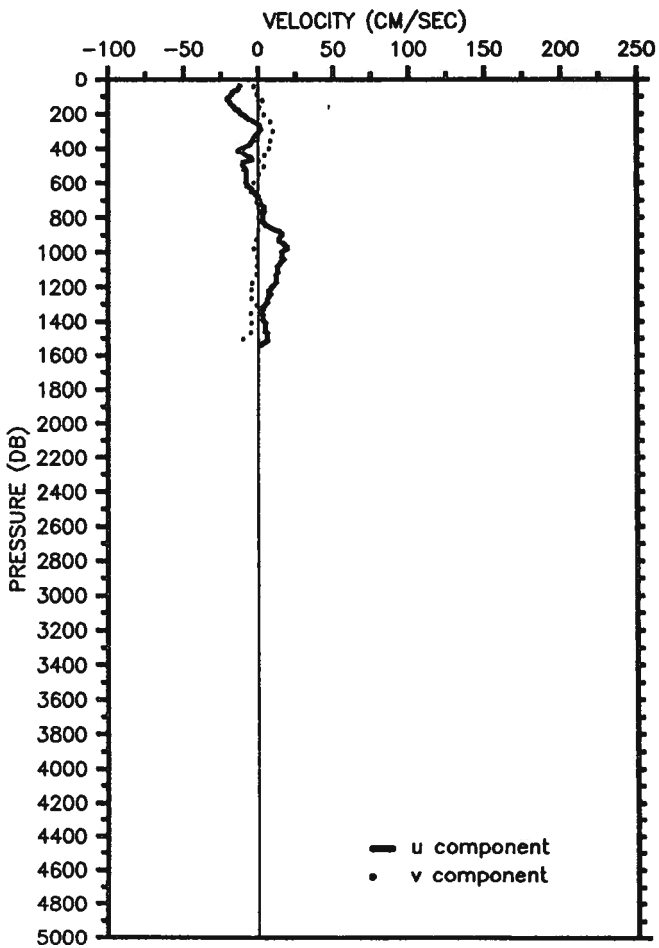

| Prs | U | V |
|---|---|---|
| 30 | 39.0 | -31.0 |
| 40 | 40.0 | -27.0 |
| 50 | 37.0 | -25.0 |
| 60 | 31.0 | -23.0 |
| 70 | 29.0 | -19.0 |
| 80 | 25.0 | -14.0 |
| 90 | 21.0 | -9.0 |
| 100 | 16.0 | -7.0 |
| 110 | 11.0 | -7.0 |
| 120 | 8.0 | -7.0 |
| 130 | 7.0 | -6.0 |
| 140 | 7.0 | -6.0 |
| 150 | 7.0 | -6.0 |
| 160 | 8.0 | -4.0 |
| 170 | 7.0 | -2.0 |
| 180 | 6.0 | 0.0 |
| 190 | 4.0 | 2.0 |
| 200 | 4.0 | 5.0 |
| 250 | 5.0 | 8.0 |
| 300 | 1.0 | 6.0 |
| 350 | 2.0 | 3.0 |
| 400 | -2.0 | 5.0 |
| 450 | 1.0 | 2.0 |
| 500 | -1.0 | -3.0 |
| 550 | -7.0 | -2.0 |
| 600 | 1.0 | -8.0 |
| 650 | 0.0 | -5.0 |
| 700 | 3.0 | -3.0 |
| 750 | 2.0 | -6.0 |
| 800 | 5.0 | -5.0 |
| 850 | 8.0 | -8.0 |
| 900 | 13.0 | -5.0 |
| 950 | 11.0 | -11.0 |
| 1000 | 12.0 | -17.0 |
| 1170 | 17.0 | -13.0 |

RES-STACS24-86 PEGASUS 13 STN 33
R/V RESEARCHER JDAY 101 TIME 2200Z
Latitude 16.491 N Longitude 063.533 W



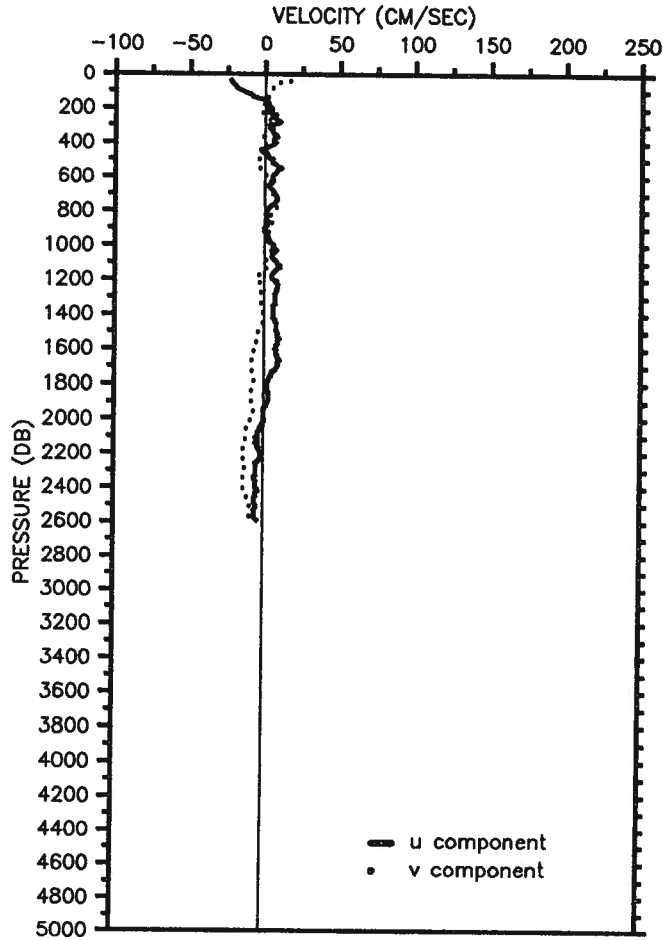

| Prs | U | V |
|---|---|---|
| 50 | -4.0 | -12.0 |
| 60 | -7.0 | -12.0 |
| 70 | -11.0 | -11.0 |
| 80 | -15.0 | -8.0 |
| 90 | -18.0 | -4.0 |
| 100 | -20.0 | -1.0 |
| 110 | -21.0 | 0.0 |
| 120 | -20.0 | -1.0 |
| 130 | -18.0 | -1.0 |
| 140 | -16.0 | -1.0 |
| 150 | -16.0 | -3.0 |
| 160 | -15.0 | -5.0 |
| 170 | -14.0 | -6.0 |
| 180 | -13.0 | -7.0 |
| 190 | -11.0 | -8.0 |
| 200 | -11.0 | -7.0 |
| 250 | -10.0 | 1.0 |
| 300 | -10.0 | -5.0 |
| 350 | -6.0 | 0.0 |
| 400 | -4.0 | 4.0 |
| 450 | 1.0 | 3.0 |
| 500 | 1.0 | 1.0 |
| 550 | 1.0 | 1.0 |
| 600 | -2.0 | -1.0 |
| 650 | -2.0 | -1.0 |
| 700 | -2.0 | -2.0 |
| 750 | -3.0 | -1.0 |
| 800 | -3.0 | -4.0 |
| 850 | -8.0 | -2.0 |
| 900 | -8.0 | 1.0 |
| 950 | -5.0 | -2.0 |
| 1000 | -4.0 | 0.0 |
| 1320 | -2.0 | 0.0 |

RES-STACS24-86 PEGASUS 14 STN 23
R/V RESEARCHER JDAY 103 TIME 0023Z
Latitude 18.670 N Longitude 066.111 W



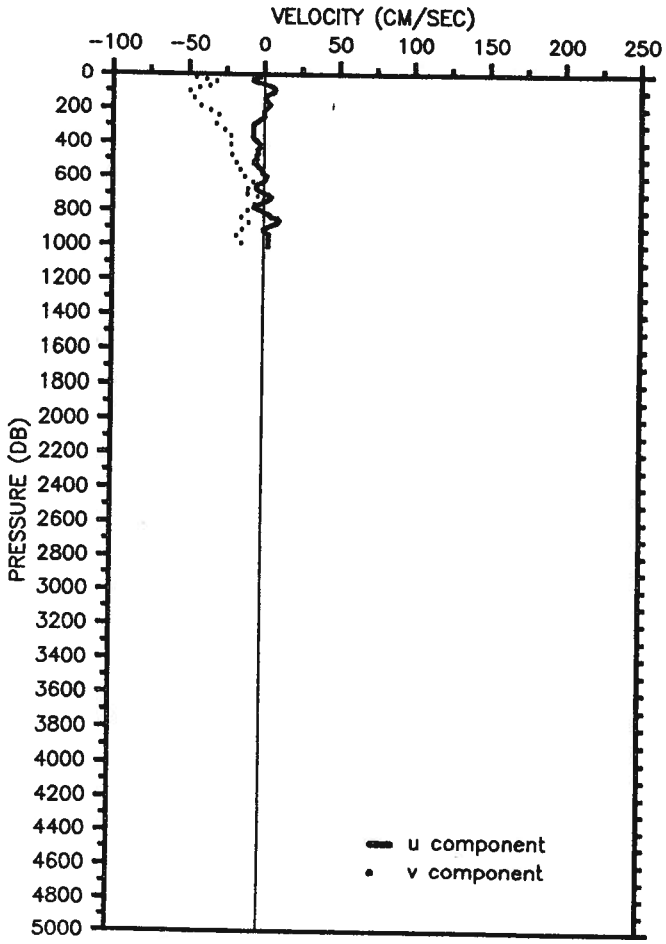

| Prs | U | V |
|---|---|---|
| 40 | -12.0 | -3.0 |
| 50 | -13.0 | -4.0 |
| 60 | -14.0 | -3.0 |
| 70 | -16.0 | -2.0 |
| 80 | -17.0 | -1.0 |
| 90 | -18.0 | 1.0 |
| 100 | -19.0 | 3.0 |
| 110 | -20.0 | 4.0 |
| 120 | -20.0 | 3.0 |
| 130 | -19.0 | 3.0 |
| 140 | -18.0 | 1.0 |
| 150 | -17.0 | 0.0 |
| 160 | -16.0 | 1.0 |
| 170 | -15.0 | 2.0 |
| 180 | -13.0 | 4.0 |
| 190 | -12.0 | 5.0 |
| 200 | -11.0 | 4.0 |
| 250 | -2.0 | 9.0 |
| 300 | 1.0 | 10.0 |
| 350 | -3.0 | 8.0 |
| 400 | -11.0 | 8.0 |
| 450 | -5.0 | 1.0 |
| 500 | -10.0 | 4.0 |
| 550 | -8.0 | 0.0 |
| 600 | -8.0 | -3.0 |
| 650 | -4.0 | -3.0 |
| 700 | 1.0 | -2.0 |
| 750 | 4.0 | 1.0 |
| 800 | 3.0 | 1.0 |
| 850 | 7.0 | -1.0 |
| 900 | 16.0 | -1.0 |
| 950 | 17.0 | -1.0 |
| 1000 | 16.0 | -2.0 |
| 1500 | 6.0 | -10.0 |
| 1540 | 2.0 | -11.0 |

RES-STACS24-86 PEGASUS 15 STN 22
R/V RESEARCHER JDAY 103 TIME 0731Z
Latitude 18.954 N Longitude 066.112 W



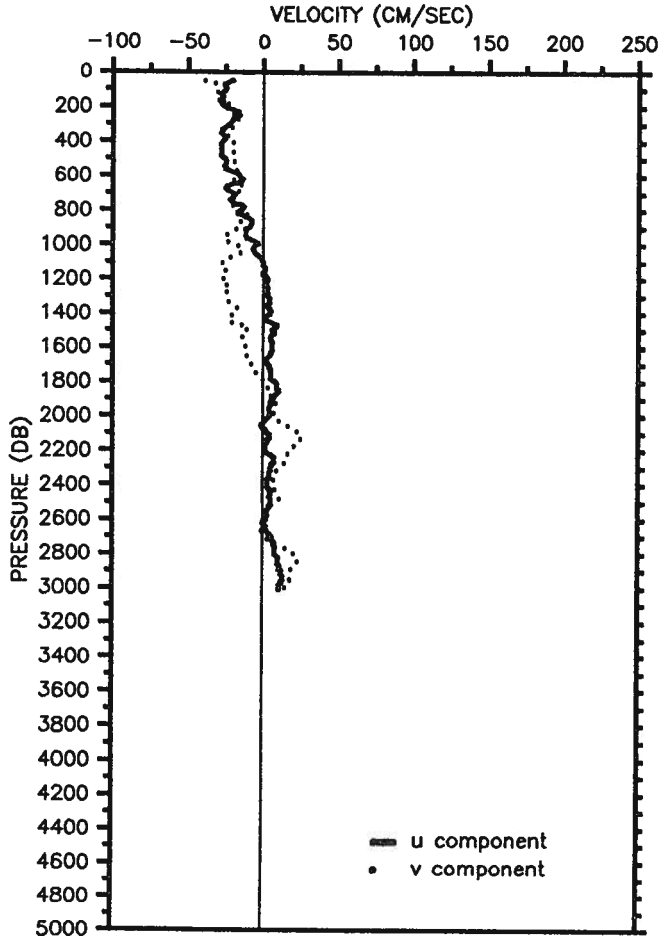

| Prs | U | V |
|---|---|---|
| 40 | -23.0 | 17.0 |
| 50 | -22.0 | 9.0 |
| 60 | -21.0 | 7.0 |
| 70 | -20.0 | 6.0 |
| 80 | -19.0 | 5.0 |
| 90 | -17.0 | 4.0 |
| 100 | -15.0 | 3.0 |
| 110 | -12.0 | 2.0 |
| 120 | -10.0 | 2.0 |
| 130 | -8.0 | 2.0 |
| 140 | -5.0 | 2.0 |
| 150 | -2.0 | 3.0 |
| 160 | 1.0 | 3.0 |
| 170 | 2.0 | 3.0 |
| 180 | 0.0 | 3.0 |
| 190 | 3.0 | 1.0 |
| 200 | 4.0 | -1.0 |
| 250 | 5.0 | 2.0 |
| 300 | 3.0 | 4.0 |
| 350 | 6.0 | 0.0 |
| 400 | 7.0 | 0.0 |
| 450 | -2.0 | 1.0 |
| 500 | 5.0 | -4.0 |
| 550 | 11.0 | -3.0 |
| 600 | 5.0 | 2.0 |
| 650 | 3.0 | 6.0 |
| 700 | 6.0 | 7.0 |
| 750 | 7.0 | 8.0 |
| 800 | 1.0 | 7.0 |
| 850 | 1.0 | 3.0 |
| 900 | 0.0 | 4.0 |
| 950 | 2.0 | 4.0 |
| 1000 | 6.0 | 4.0 |
| 1500 | 8.0 | -4.0 |
| 2000 | 0.0 | -9.0 |
| 2500 | -5.0 | -9.0 |
| 2590 | -4.0 | -9.0 |

RES-STACS24-86 PEGASUS 16 STN 19
R/V RESEARCHER JDAY 106 TIME 2028Z
Latitude 26.543 N Longitude 076.842 W



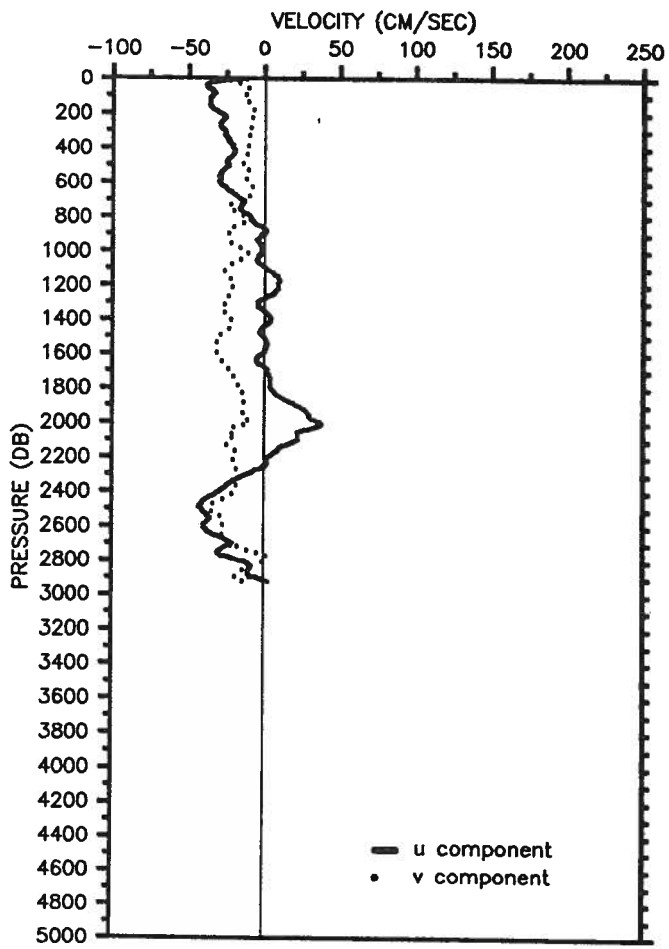

| Prs | U | V |
|---|---|---|
| 20 | -3.0 | -45.0 |
| 30 | -7.0 | -36.0 |
| 40 | -7.0 | -31.0 |
| 50 | -4.0 | -32.0 |
| 60 | 1.0 | -35.0 |
| 70 | 4.0 | -40.0 |
| 80 | 6.0 | -45.0 |
| 90 | 7.0 | -48.0 |
| 100 | 7.0 | -50.0 |
| 110 | 6.0 | -50.0 |
| 120 | 4.0 | -50.0 |
| 130 | 2.0 | -48.0 |
| 140 | 1.0 | -46.0 |
| 150 | 1.0 | -45.0 |
| 160 | 2.0 | -44.0 |
| 170 | 3.0 | -43.0 |
| 180 | 4.0 | -42.0 |
| 190 | 3.0 | -40.0 |
| 200 | 2.0 | -38.0 |
| 250 | 0.0 | -30.0 |
| 300 | -7.0 | -30.0 |
| 350 | -7.0 | -23.0 |
| 400 | -4.0 | -22.0 |
| 450 | -4.0 | -21.0 |
| 500 | -5.0 | -19.0 |
| 550 | -3.0 | -15.0 |
| 600 | 2.0 | -12.0 |
| 650 | -4.0 | -7.0 |
| 700 | 1.0 | -9.0 |
| 750 | 1.0 | -5.0 |
| 800 | -2.0 | -12.0 |
| 850 | 9.0 | -12.0 |
| 900 | 2.0 | -13.0 |
| 950 | 3.0 | -18.0 |
| 1000 | 3.0 | -12.0 |
| 1010 | 3.0 | -12.0 |

RES-STACS24-86 PEGASUS 17 STN 18
R/V RESEARCHER JDAY 106 TIME 2231Z
Latitude 26.527 N Longitude 076.738 W



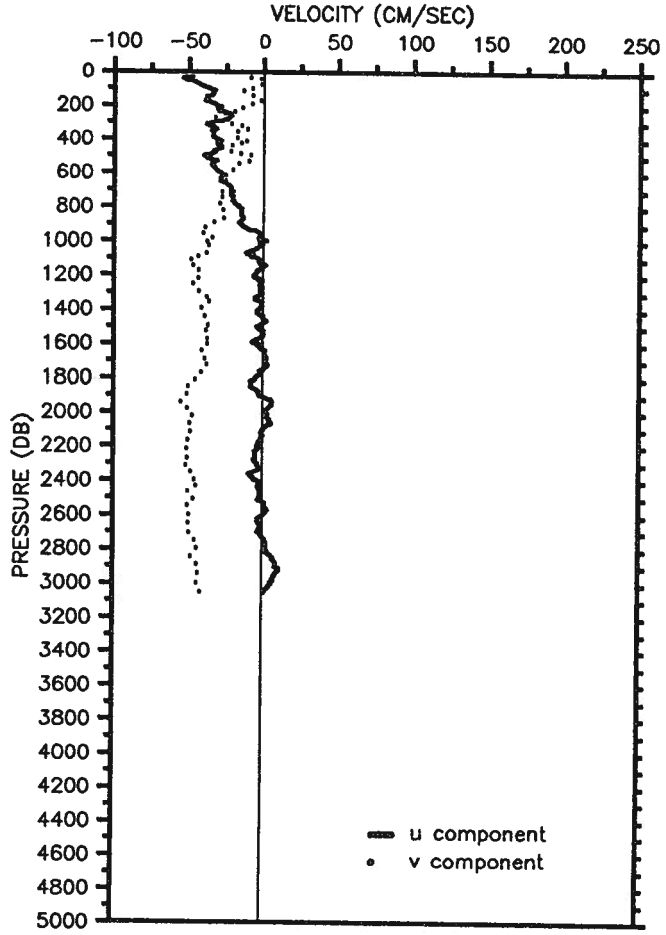

| Prs | U | V |
|---|---|---|
| 50 | -21.0 | -39.0 |
| 60 | -23.0 | -33.0 |
| 70 | -26.0 | -28.0 |
| 80 | -26.0 | -26.0 |
| 90 | -25.0 | -26.0 |
| 100 | -25.0 | -28.0 |
| 110 | -26.0 | -30.0 |
| 120 | -27.0 | -31.0 |
| 130 | -28.0 | -32.0 |
| 140 | -27.0 | -32.0 |
| 150 | -27.0 | -32.0 |
| 160 | -28.0 | -30.0 |
| 170 | -27.0 | -27.0 |
| 180 | -28.0 | -24.0 |
| 190 | -27.0 | -21.0 |
| 200 | -25.0 | -21.0 |
| 250 | -16.0 | -16.0 |
| 300 | -23.0 | -20.0 |
| 350 | -28.0 | -23.0 |
| 400 | -27.0 | -20.0 |
| 450 | -28.0 | -19.0 |
| 500 | -26.0 | -21.0 |
| 550 | -25.0 | -18.0 |
| 600 | -16.0 | -19.0 |
| 650 | -21.0 | -15.0 |
| 700 | -20.0 | -19.0 |
| 750 | -21.0 | -23.0 |
| 800 | -15.0 | -11.0 |
| 850 | -10.0 | -13.0 |
| 900 | -10.0 | -17.0 |
| 950 | -12.0 | -28.0 |
| 1000 | -4.0 | -18.0 |
| 1500 | 6.0 | -13.0 |
| 2000 | 4.0 | 7.0 |
| 2500 | 5.0 | 7.0 |
| 3000 | 11.0 | 14.0 |
| 3010 | 11.0 | 13.0 |

RES-STACS24-86 PEGASUS 18 STN 17
R/V RESEARCHER JDAY 107 TIME 0235Z
Latitude 26.581 N Longitude 076.627 W



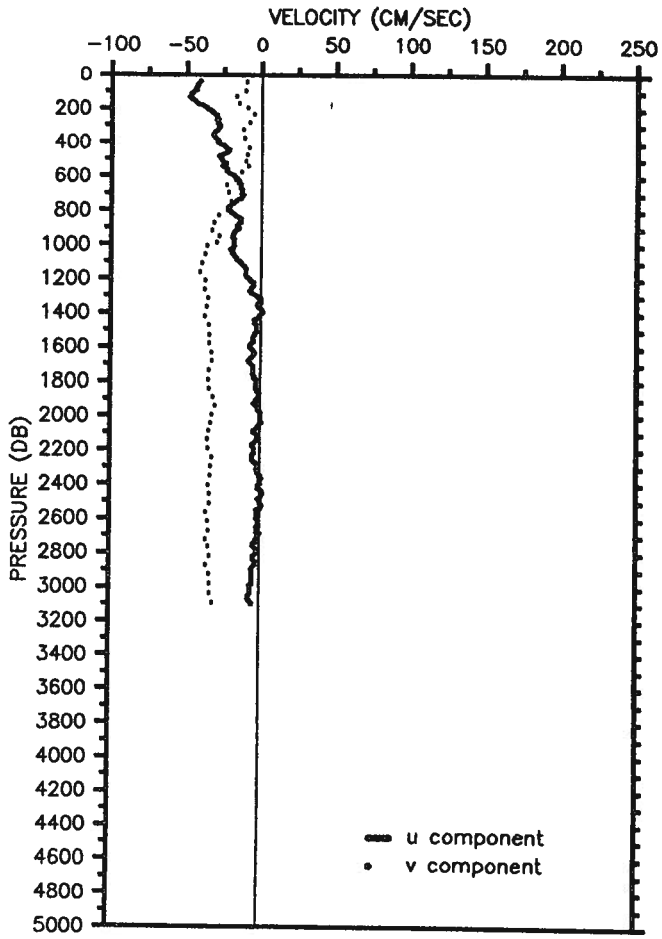

| Prs | U | V |
|---|---|---|
| 10 | -15.0 | -12.0 |
| 20 | -28.0 | -17.0 |
| 30 | -36.0 | -17.0 |
| 40 | -38.0 | -15.0 |
| 50 | -38.0 | -12.0 |
| 60 | -37.0 | -10.0 |
| 70 | -35.0 | -9.0 |
| 80 | -34.0 | -10.0 |
| 90 | -33.0 | -12.0 |
| 100 | -34.0 | -13.0 |
| 110 | -35.0 | -13.0 |
| 120 | -36.0 | -14.0 |
| 130 | -36.0 | -12.0 |
| 140 | -36.0 | -10.0 |
| 150 | -36.0 | -9.0 |
| 160 | -36.0 | -8.0 |
| 170 | -35.0 | -7.0 |
| 180 | -34.0 | -7.0 |
| 190 | -32.0 | -8.0 |
| 200 | -30.0 | -9.0 |
| 250 | -28.0 | -8.0 |
| 300 | -27.0 | -11.0 |
| 350 | -24.0 | -11.0 |
| 400 | -21.0 | -11.0 |
| 450 | -22.0 | -13.0 |
| 500 | -24.0 | -15.0 |
| 550 | -29.0 | -10.0 |
| 600 | -30.0 | -11.0 |
| 650 | -24.0 | -8.0 |
| 700 | -15.0 | -15.0 |
| 750 | -16.0 | -23.0 |
| 800 | -10.0 | -14.0 |
| 850 | -6.0 | -17.0 |
| 900 | 0.0 | -23.0 |
| 950 | -4.0 | -22.0 |
| 1000 | -2.0 | -11.0 |
| 1500 | -1.0 | -30.0 |
| 2000 | 37.0 | -9.0 |
| 2500 | -41.0 | -35.0 |
| 2920 | 3.0 | -13.0 |

RES-STACS24-86 PEGASUS 19 STN 16
R/V RESEARCHER JDAY 107 TIME 0632Z
Latitude 26.534 N Longitude 076.517 W



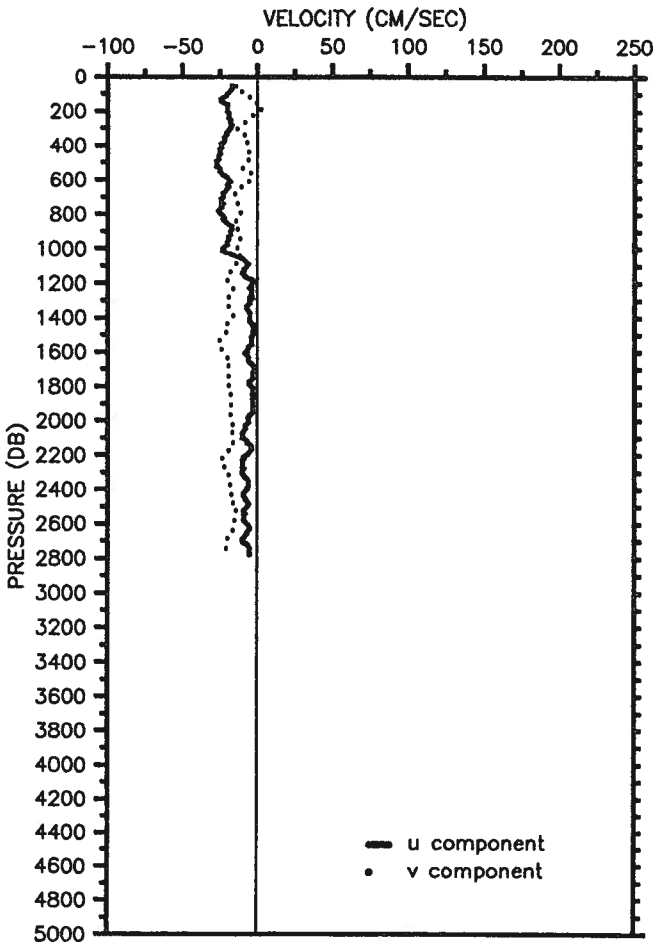

| Prs | U | V |
|---|---|---|
| 30 | -48.0 | -9.0 |
| 40 | -54.0 | 0.0 |
| 50 | -51.0 | 0.0 |
| 60 | -46.0 | 0.0 |
| 70 | -44.0 | -1.0 |
| 80 | -42.0 | -3.0 |
| 90 | -39.0 | -6.0 |
| 100 | -37.0 | -9.0 |
| 110 | -33.0 | -14.0 |
| 120 | -34.0 | -12.0 |
| 130 | -34.0 | -10.0 |
| 140 | -35.0 | -7.0 |
| 150 | -38.0 | -4.0 |
| 160 | -38.0 | -2.0 |
| 170 | -39.0 | -2.0 |
| 180 | -36.0 | -6.0 |
| 190 | -33.0 | -10.0 |
| 200 | -31.0 | -11.0 |
| 250 | -23.0 | -28.0 |
| 300 | -34.0 | -25.0 |
| 350 | -35.0 | -18.0 |
| 400 | -31.0 | -14.0 |
| 450 | -29.0 | -28.0 |
| 500 | -40.0 | -9.0 |
| 550 | -35.0 | -20.0 |
| 600 | -29.0 | -22.0 |
| 650 | -29.0 | -23.0 |
| 700 | -22.0 | -26.0 |
| 750 | -21.0 | -31.0 |
| 800 | -17.0 | -29.0 |
| 850 | -15.0 | -26.0 |
| 900 | -15.0 | -36.0 |
| 950 | -3.0 | -40.0 |
| 1000 | 2.0 | -38.0 |
| 1500 | -4.0 | -35.0 |
| 2000 | 2.0 | -47.0 |
| 2500 | -2.0 | -47.0 |
| 3000 | 6.0 | -43.0 |
| 3050 | 1.0 | -41.0 |

RES-STACS24-86 PEGASUS 20 STN 15
R/V RESEARCHER JDAY 108 TIME 0024Z
Latitude 26.513 N Longitude 076.384 W



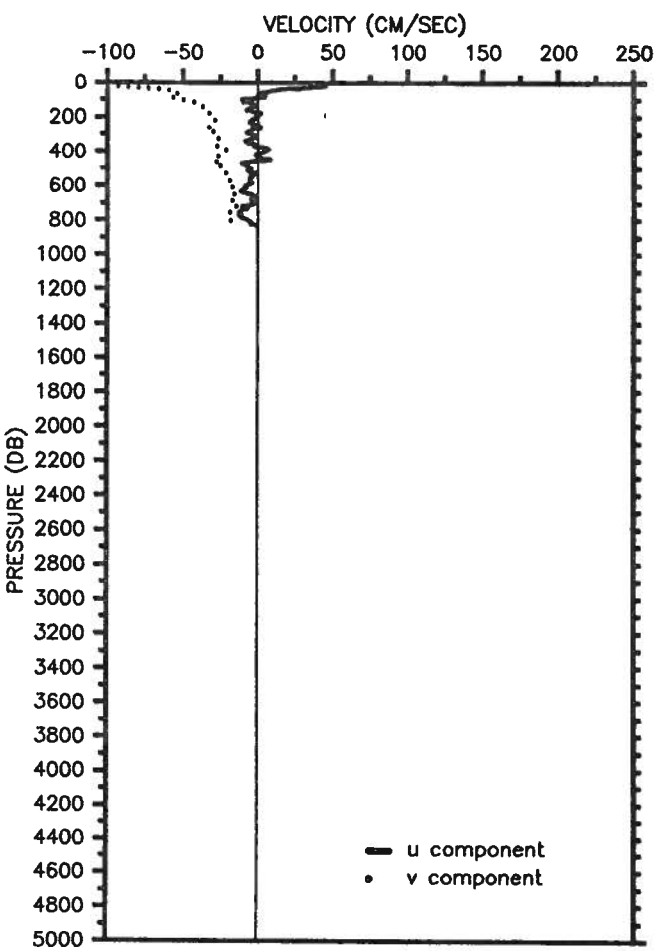

| Prs | U | V |
|---|---|---|
| 40 | -41.0 | -10.0 |
| 50 | -42.0 | -9.0 |
| 60 | -43.0 | -9.0 |
| 70 | -43.0 | -9.0 |
| 80 | -44.0 | -10.0 |
| 90 | -44.0 | -11.0 |
| 100 | -45.0 | -13.0 |
| 110 | -47.0 | -15.0 |
| 120 | -47.0 | -16.0 |
| 130 | -48.0 | -18.0 |
| 140 | -47.0 | -18.0 |
| 150 | -45.0 | -17.0 |
| 160 | -44.0 | -16.0 |
| 170 | -42.0 | -14.0 |
| 180 | -39.0 | -11.0 |
| 190 | -37.0 | -9.0 |
| 200 | -36.0 | -7.0 |
| 250 | -30.0 | -6.0 |
| 300 | -28.0 | -9.0 |
| 350 | -32.0 | -13.0 |
| 400 | -29.0 | -10.0 |
| 450 | -22.0 | -7.0 |
| 500 | -27.0 | -12.0 |
| 550 | -24.0 | -10.0 |
| 600 | -18.0 | -15.0 |
| 650 | -14.0 | -23.0 |
| 700 | -13.0 | -22.0 |
| 750 | -17.0 | -20.0 |
| 800 | -21.0 | -25.0 |
| 850 | -14.0 | -31.0 |
| 900 | -15.0 | -32.0 |
| 950 | -19.0 | -27.0 |
| 1000 | -18.0 | -35.0 |
| 1500 | -3.0 | -34.0 |
| 2000 | 0.0 | -32.0 |
| 2500 | 0.0 | -34.0 |
| 3000 | -6.0 | -33.0 |
| 3100 | -5.0 | -31.0 |

RES-STACS24-86 PEGASUS 21 STN 34
R/V RESEARCHER JDAY 108 TIME 0536Z
Latitude 26.472 N Longitude 076.136 W



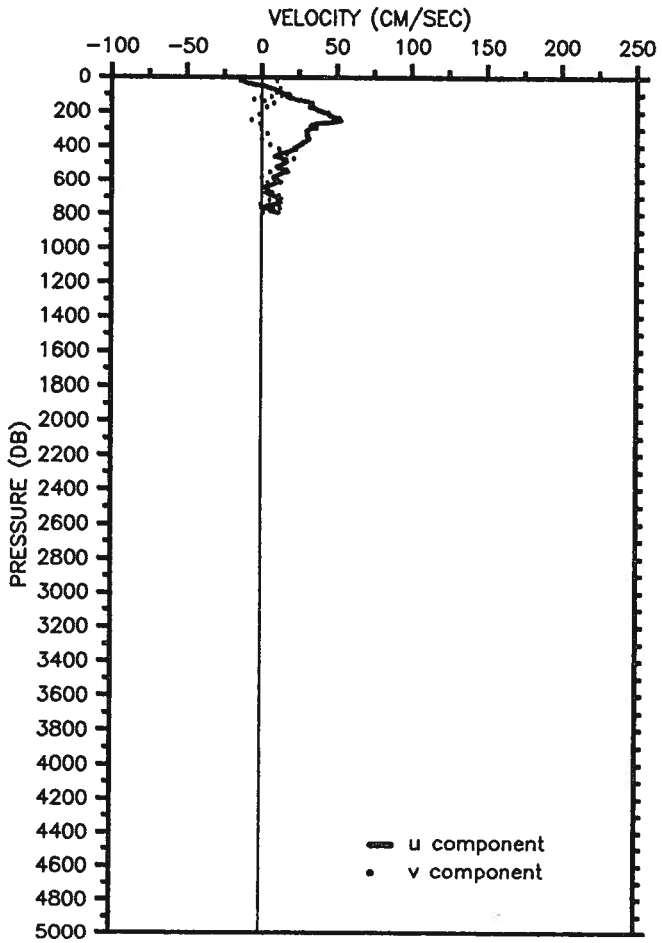

| Prs | U | V |
|---|---|---|
| 50 | -17.0 | -14.0 |
| 60 | -17.0 | -15.0 |
| 70 | -17.0 | -14.0 |
| 80 | -18.0 | -12.0 |
| 90 | -19.0 | -8.0 |
| 100 | -20.0 | -6.0 |
| 110 | -21.0 | -5.0 |
| 120 | -22.0 | -5.0 |
| 130 | -24.0 | -5.0 |
| 140 | -24.0 | -2.0 |
| 150 | -23.0 | 0.0 |
| 160 | -20.0 | 3.0 |
| 170 | -20.0 | 3.0 |
| 180 | -20.0 | 3.0 |
| 190 | -20.0 | 2.0 |
| 200 | -20.0 | 1.0 |
| 250 | -18.0 | -7.0 |
| 300 | -18.0 | -13.0 |
| 350 | -22.0 | -6.0 |
| 400 | -24.0 | -7.0 |
| 450 | -25.0 | -4.0 |
| 500 | -27.0 | -8.0 |
| 550 | -25.0 | -6.0 |
| 600 | -19.0 | -5.0 |
| 650 | -20.0 | -13.0 |
| 700 | -23.0 | -13.0 |
| 750 | -24.0 | -13.0 |
| 800 | -24.0 | -11.0 |
| 850 | -21.0 | -15.0 |
| 900 | -18.0 | -11.0 |
| 950 | -19.0 | -11.0 |
| 1000 | -23.0 | -14.0 |
| 1500 | -3.0 | -23.0 |
| 2000 | -6.0 | -17.0 |
| 2500 | -7.0 | -18.0 |
| 2780 | -5.0 | -22.0 |

RES-STACS24-86 PEGASUS 22 STN 24
R/V RESEARCHER JDAY 110 TIME 0753Z
Latitude 29.019 N Longitude 078.809 W



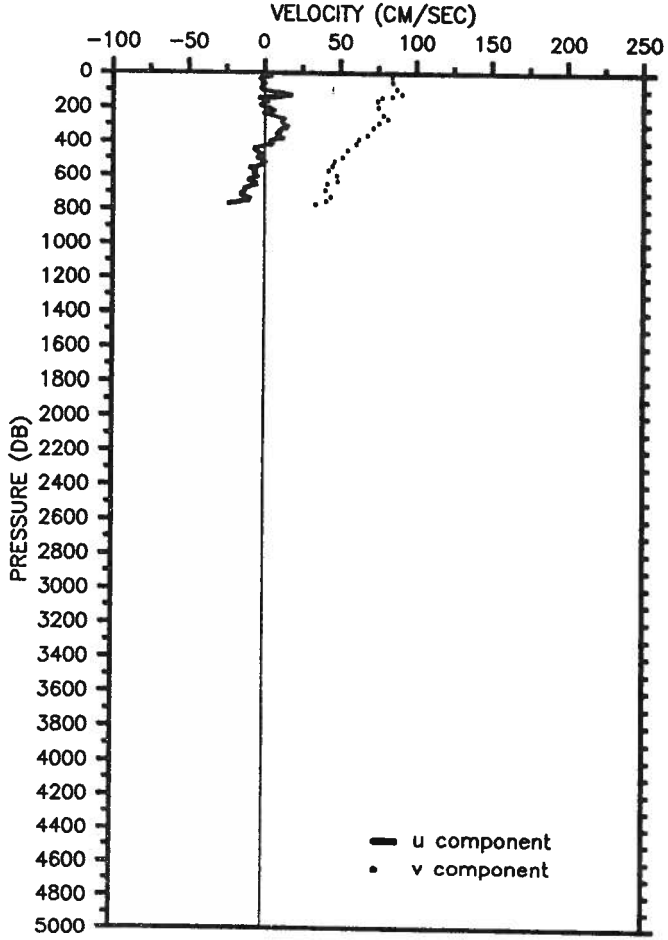

| Prs | U | V |
|---|---|---|
| 20 | 45.0 | -93.0 |
| 30 | 33.0 | -76.0 |
| 40 | 16.0 | -61.0 |
| 50 | 9.0 | -56.0 |
| 60 | 3.0 | -53.0 |
| 70 | 1.0 | -56.0 |
| 80 | 5.0 | -58.0 |
| 90 | -1.0 | -54.0 |
| 100 | -10.0 | -48.0 |
| 110 | -9.0 | -43.0 |
| 120 | -4.0 | -39.0 |
| 130 | -2.0 | -38.0 |
| 140 | -2.0 | -36.0 |
| 150 | -5.0 | -35.0 |
| 160 | -7.0 | -35.0 |
| 170 | -2.0 | -33.0 |
| 180 | 2.0 | -31.0 |
| 190 | 0.0 | -30.0 |
| 200 | -1.0 | -28.0 |
| 250 | 0.0 | -32.0 |
| 300 | -4.0 | -26.0 |
| 350 | -8.0 | -25.0 |
| 400 | 5.0 | -24.0 |
| 450 | 8.0 | -25.0 |
| 500 | -5.0 | -23.0 |
| 550 | -4.0 | -18.0 |
| 600 | -8.0 | -17.0 |
| 650 | -4.0 | -15.0 |
| 700 | -3.0 | -13.0 |
| 750 | -12.0 | -19.0 |
| 800 | -8.0 | -18.0 |
| 830 | -1.0 | -22.0 |

RES-STACS24-86 PEGASUS 23 STN 25
R/V RESEARCHER JDAY 110 TIME 1048Z
Latitude 29.013 N Longitude 079.095 W



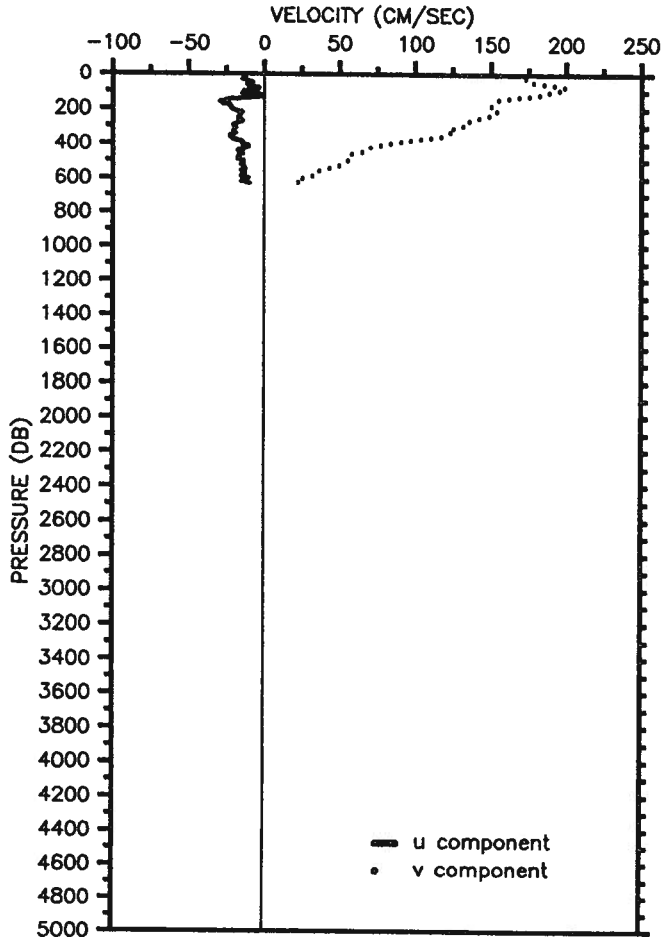

| Prs | U | V |
|---|---|---|
| 20 | -14.0 | 10.0 |
| 30 | -10.0 | 12.0 |
| 40 | -6.0 | 12.0 |
| 50 | 2.0 | 11.0 |
| 60 | 6.0 | 12.0 |
| 70 | 9.0 | 10.0 |
| 80 | 11.0 | 8.0 |
| 90 | 14.0 | 18.0 |
| 100 | 18.0 | 16.0 |
| 110 | 17.0 | 0.0 |
| 120 | 19.0 | -6.0 |
| 130 | 24.0 | -4.0 |
| 140 | 30.0 | 7.0 |
| 150 | 33.0 | 9.0 |
| 160 | 33.0 | 5.0 |
| 170 | 32.0 | 3.0 |
| 180 | 35.0 | 2.0 |
| 190 | 37.0 | 1.0 |
| 200 | 41.0 | 0.0 |
| 250 | 52.0 | -7.0 |
| 300 | 32.0 | -1.0 |
| 350 | 31.0 | 0.0 |
| 400 | 24.0 | 9.0 |
| 450 | 11.0 | 19.0 |
| 500 | 15.0 | 11.0 |
| 550 | 17.0 | 5.0 |
| 600 | 10.0 | 1.0 |
| 650 | 3.0 | 3.0 |
| 700 | 11.0 | 9.0 |
| 750 | 4.0 | 5.0 |
| 790 | 11.0 | -1.0 |

RES-STACS24-86 PEGASUS 24 STN 26
R/V RESEARCHER JDAY 110 TIME 1348Z
Latitude 29.030 N Longitude 079.449 W



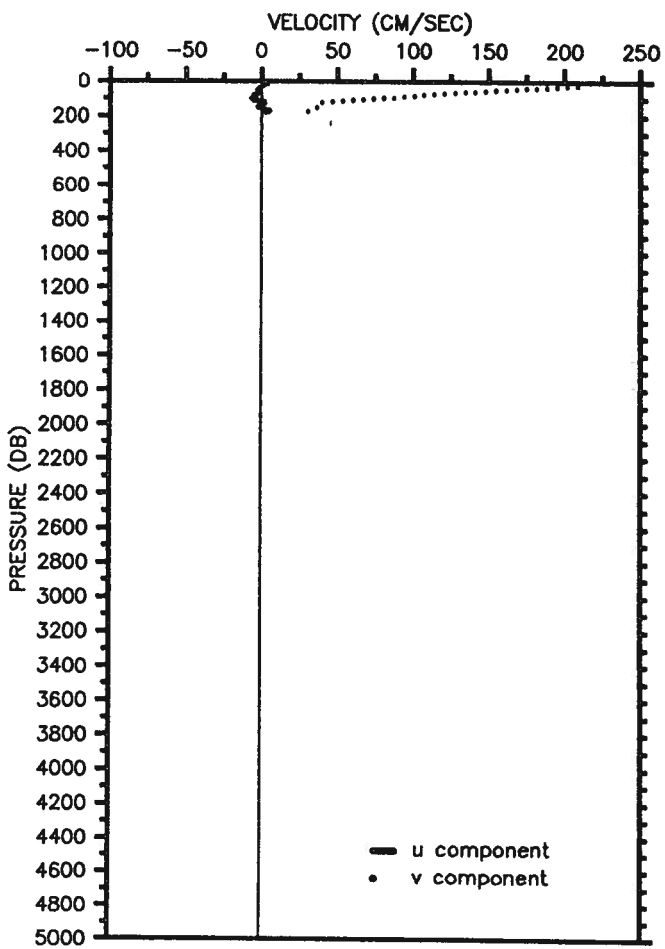

| Prs | U | V |
|---|---|---|
| 20 | 4.0 | 84.0 |
| 30 | -2.0 | 83.0 |
| 40 | -3.0 | 86.0 |
| 50 | -1.0 | 84.0 |
| 60 | 0.0 | 84.0 |
| 70 | -1.0 | 84.0 |
| 80 | -1.0 | 85.0 |
| 90 | -2.0 | 87.0 |
| 100 | -1.0 | 90.0 |
| 110 | 5.0 | 92.0 |
| 120 | 12.0 | 91.0 |
| 130 | 17.0 | 87.0 |
| 140 | 10.0 | 78.0 |
| 150 | -3.0 | 73.0 |
| 160 | 1.0 | 75.0 |
| 170 | 2.0 | 73.0 |
| 180 | 0.0 | 73.0 |
| 190 | -2.0 | 75.0 |
| 200 | 0.0 | 75.0 |
| 250 | 5.0 | 81.0 |
| 300 | 13.0 | 72.0 |
| 350 | 10.0 | 71.0 |
| 400 | 4.0 | 59.0 |
| 450 | -6.0 | 55.0 |
| 500 | -4.0 | 52.0 |
| 550 | -5.0 | 43.0 |
| 600 | -6.0 | 48.0 |
| 650 | -8.0 | 41.0 |
| 700 | -14.0 | 43.0 |
| 750 | -11.0 | 41.0 |
| 770 | -23.0 | 34.0 |

RES-STACS24-86 PEGASUS 25 STN 27
R/V RESEARCHER JDAY 110 TIME 1633Z
Latitude 29.048 N Longitude 079.817 W



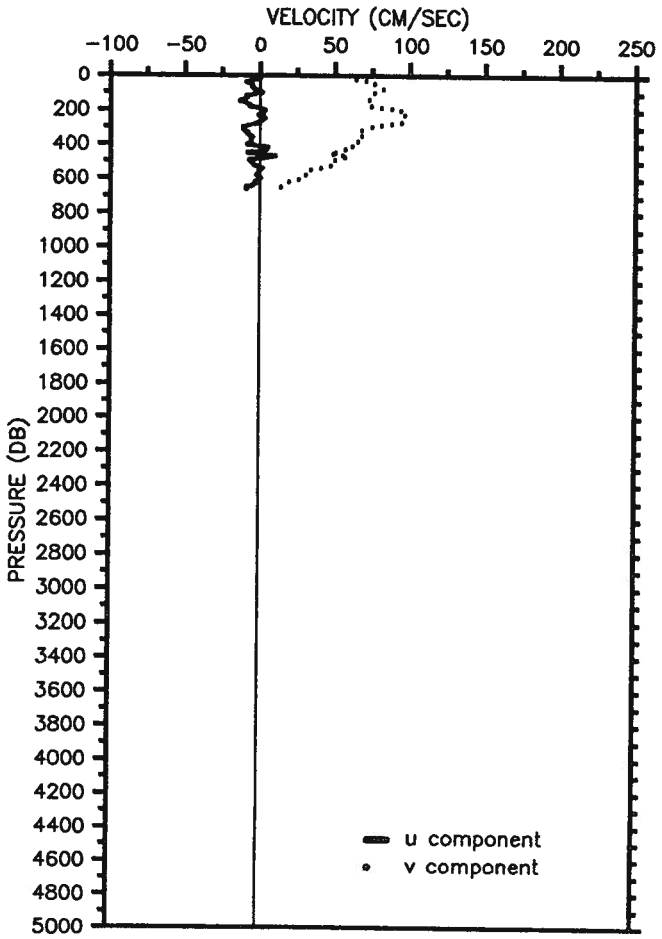

| Prs | U | V |
|---|---|---|
| 20 | -13.0 | 173.0 |
| 30 | -14.0 | 175.0 |
| 40 | -11.0 | 175.0 |
| 50 | -8.0 | 186.0 |
| 60 | -11.0 | 196.0 |
| 70 | -10.0 | 199.0 |
| 80 | -4.0 | 200.0 |
| 90 | -5.0 | 194.0 |
| 100 | -13.0 | 188.0 |
| 110 | -14.0 | 185.0 |
| 120 | -3.0 | 180.0 |
| 130 | -1.0 | 165.0 |
| 140 | -14.0 | 155.0 |
| 150 | -24.0 | 154.0 |
| 160 | -29.0 | 153.0 |
| 170 | -27.0 | 151.0 |
| 180 | -23.0 | 150.0 |
| 190 | -22.0 | 154.0 |
| 200 | -21.0 | 155.0 |
| 250 | -17.0 | 140.0 |
| 300 | -20.0 | 129.0 |
| 350 | -22.0 | 119.0 |
| 400 | -14.0 | 81.0 |
| 450 | -15.0 | 61.0 |
| 500 | -14.0 | 54.0 |
| 550 | -13.0 | 38.0 |
| 600 | -11.0 | 25.0 |
| 630 | -10.0 | 18.0 |

RES-STACS24-86 PEGASUS 26 STN 29
R/V RESEARCHER JDAY 110 TIME 1858Z
Latitude 29.007 N Longitude 080.026 W



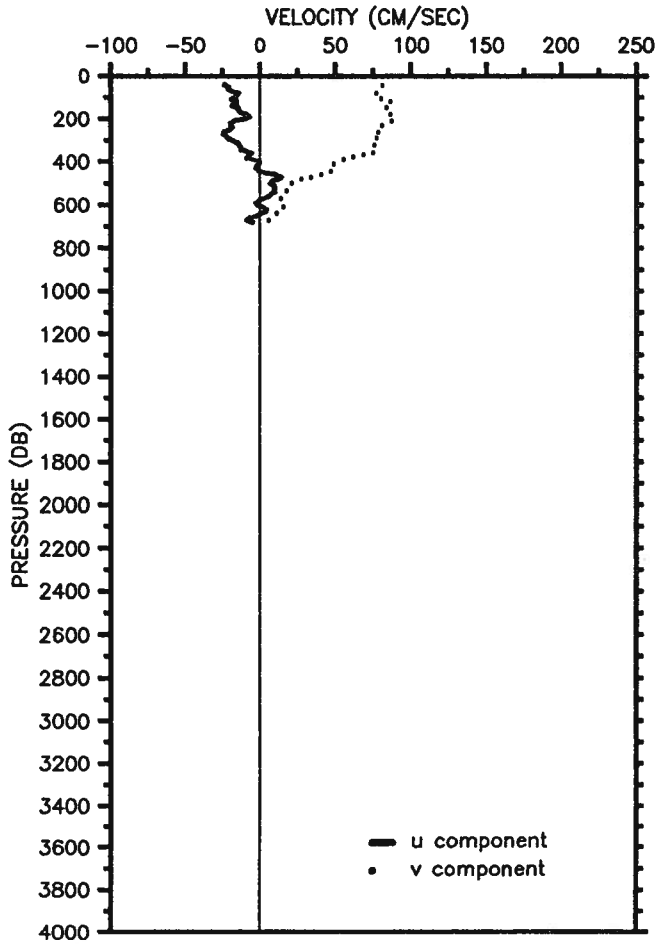

| Prs | U | V |
|---|---|---|
| 20 | 3.0 | 209.0 |
| 30 | 1.0 | 190.0 |
| 40 | -1.0 | 167.0 |
| 50 | -3.0 | 145.0 |
| 60 | -1.0 | 130.0 |
| 70 | -2.0 | 113.0 |
| 80 | -5.0 | 101.0 |
| 90 | -4.0 | 85.0 |
| 100 | -6.0 | 66.0 |
| 110 | -5.0 | 51.0 |
| 120 | 2.0 | 40.0 |
| 130 | 2.0 | 36.0 |
| 140 | 0.0 | 37.0 |
| 150 | -2.0 | 37.0 |
| 160 | 1.0 | 32.0 |
| 170 | 5.0 | 31.0 |
| 180 | 3.0 | 29.0 |

RES-STACS25-86 PEGASUS 29 STN 6
R/V RESEARCHER JDAY 111 TIME 1717Z
Latitude 27.006 N Longitude 079.376 W



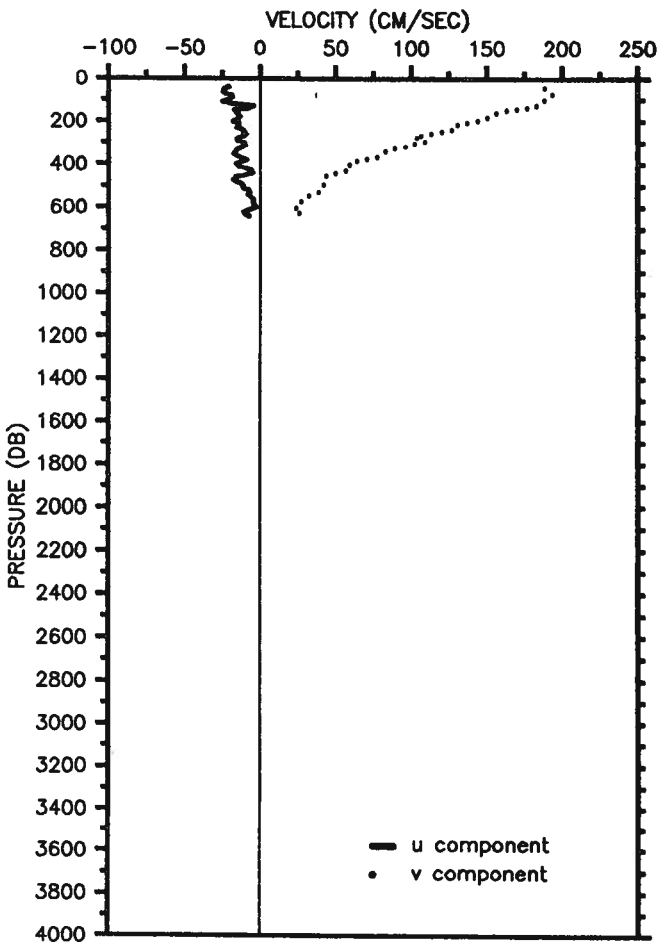

| Prs | U | V |
|---|---|---|
| 20 | 0.0 | 64.0 |
| 30 | -6.0 | 74.0 |
| 40 | -9.0 | 74.0 |
| 50 | -6.0 | 77.0 |
| 60 | -5.0 | 79.0 |
| 70 | -5.0 | 81.0 |
| 80 | -4.0 | 82.0 |
| 90 | 0.0 | 80.0 |
| 100 | 1.0 | 76.0 |
| 110 | -4.0 | 73.0 |
| 120 | -9.0 | 73.0 |
| 130 | -9.0 | 72.0 |
| 140 | -11.0 | 73.0 |
| 150 | -13.0 | 73.0 |
| 160 | -9.0 | 72.0 |
| 170 | -7.0 | 72.0 |
| 180 | -7.0 | 76.0 |
| 190 | -1.0 | 87.0 |
| 200 | 3.0 | 95.0 |
| 250 | 3.0 | 97.0 |
| 300 | -11.0 | 71.0 |
| 350 | -6.0 | 68.0 |
| 400 | -8.0 | 60.0 |
| 450 | -8.0 | 46.0 |
| 500 | -6.0 | 46.0 |
| 550 | 0.0 | 32.0 |
| 600 | 0.0 | 30.0 |
| 650 | -9.0 | 14.0 |
| 660 | -9.0 | 15.0 |

RES-STACS25-86 PEGASUS 9 STN 6
R/V RESEARCHER JDAY 198 TIME 2323Z
Latitude 27.000 N Longitude 079.381 W



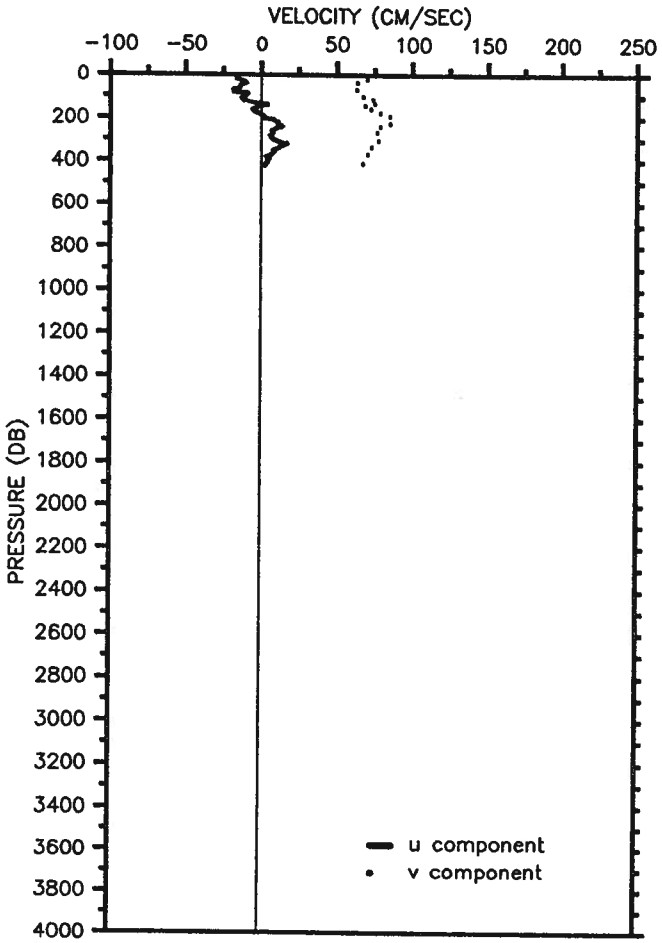

| Prs | U | V |
|---|---|---|
| 40 | -23.2 | 81.1 |
| 50 | -21.4 | 80.7 |
| 60 | -20.7 | 79.9 |
| 70 | -18.5 | 78.2 |
| 80 | -14.6 | 76.3 |
| 90 | -15.2 | 76.7 |
| 100 | -16.6 | 78.2 |
| 110 | -18.6 | 82.8 |
| 120 | -15.9 | 86.5 |
| 130 | -16.1 | 84.0 |
| 140 | -18.1 | 82.4 |
| 150 | -14.8 | 85.1 |
| 160 | -14.1 | 87.8 |
| 170 | -13.2 | 87.0 |
| 180 | -9.5 | 85.3 |
| 190 | -7.3 | 86.4 |
| 200 | -10.3 | 87.8 |
| 250 | -20.2 | 77.8 |
| 300 | -18.1 | 74.5 |
| 350 | -9.1 | 78.2 |
| 400 | -0.1 | 51.1 |
| 450 | 3.3 | 43.1 |
| 500 | 7.3 | 20.1 |
| 550 | 7.7 | 14.3 |
| 600 | -1.7 | 16.5 |
| 650 | -2.0 | 9.3 |
| 680 | -5.1 | 6.3 |

RES-STACS25-86 PEGASUS 13 STN 27
R/V RESEARCHER JDAY 199 TIME 1459Z
Latitude 29.043 N Longitude 079.816 W



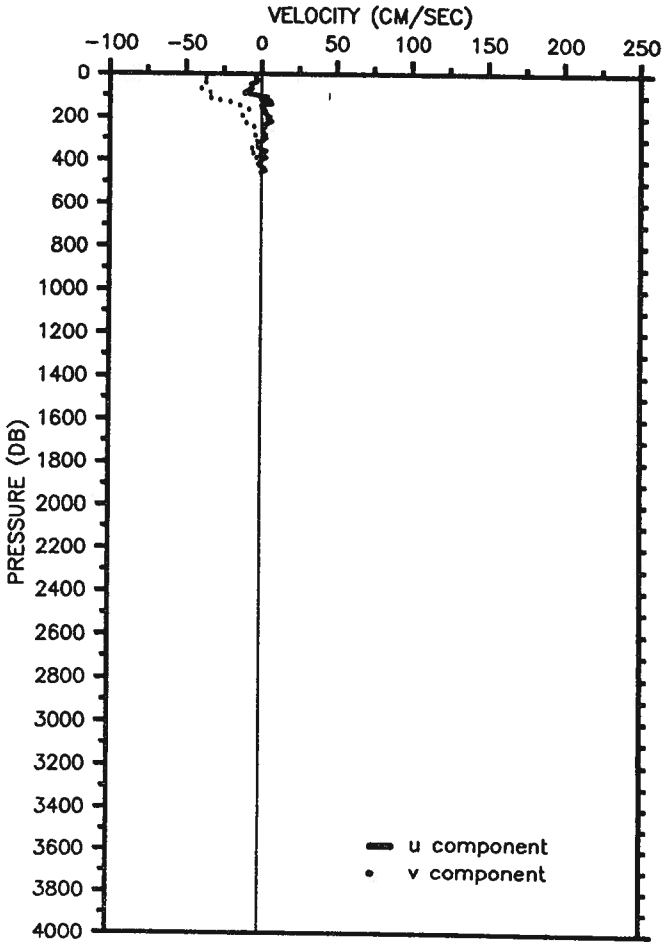

| Prs | U | V |
|---|---|---|
| 40 | -21.2 | 188.6 |
| 50 | -23.6 | 190.6 |
| 60 | -23.9 | 193.3 |
| 70 | -22.5 | 193.5 |
| 80 | -18.6 | 190.6 |
| 90 | -18.5 | 189.0 |
| 100 | -20.5 | 187.9 |
| 110 | -24.8 | 186.9 |
| 120 | -19.8 | 185.9 |
| 130 | -4.6 | 178.2 |
| 140 | -7.4 | 170.0 |
| 150 | -16.6 | 161.6 |
| 160 | -15.6 | 155.5 |
| 170 | -14.2 | 153.3 |
| 180 | -13.4 | 150.7 |
| 190 | -14.5 | 145.4 |
| 200 | -17.2 | 138.5 |
| 250 | -10.6 | 116.7 |
| 300 | -10.3 | 102.9 |
| 350 | -17.4 | 79.9 |
| 400 | -15.7 | 59.3 |
| 450 | -9.5 | 43.2 |
| 500 | -11.4 | 40.1 |
| 550 | -8.1 | 29.9 |
| 600 | -2.8 | 23.3 |
| 640 | -7.6 | 21.1 |

RES-STACS25-86 PEGASUS 14 STN 26
R/V RESEARCHER JDAY 199 TIME 1804Z
Latitude 29.029 N Longitude 079.446 W



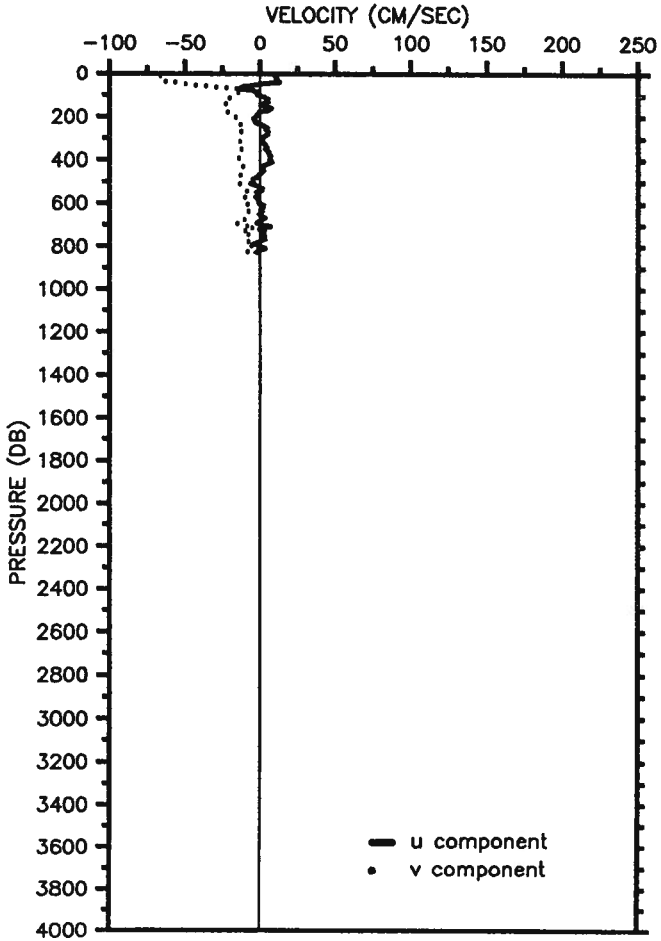

| Prs | U | V |
|---|---|---|
| 20 | -16.0 | 69.7 |
| 30 | -11.3 | 64.1 |
| 40 | -10.3 | 61.8 |
| 50 | -13.5 | 63.5 |
| 60 | -14.0 | 62.4 |
| 70 | -18.4 | 63.4 |
| 80 | -17.7 | 63.4 |
| 90 | -9.6 | 65.4 |
| 100 | -10.7 | 67.3 |
| 110 | -12.7 | 70.6 |
| 120 | -11.4 | 77.2 |
| 130 | -4.7 | 75.9 |
| 140 | 3.9 | 67.3 |
| 150 | -1.2 | 69.5 |
| 160 | -5.7 | 76.3 |
| 170 | -4.2 | 77.3 |
| 180 | -1.3 | 83.1 |
| 190 | 1.3 | 85.7 |
| 200 | 1.3 | 86.3 |
| 250 | 9.2 | 75.0 |
| 300 | 7.8 | 78.1 |
| 350 | 7.9 | 69.5 |
| 400 | 4.1 | 68.4 |
| 420 | 2.0 | 64.6 |

RES-STACS25-86 PEGASUS 15 STN 25
R/V RESEARCHER JDAY 199 TIME 2148Z
Latitude 29.012 N Longitude 079.091 W



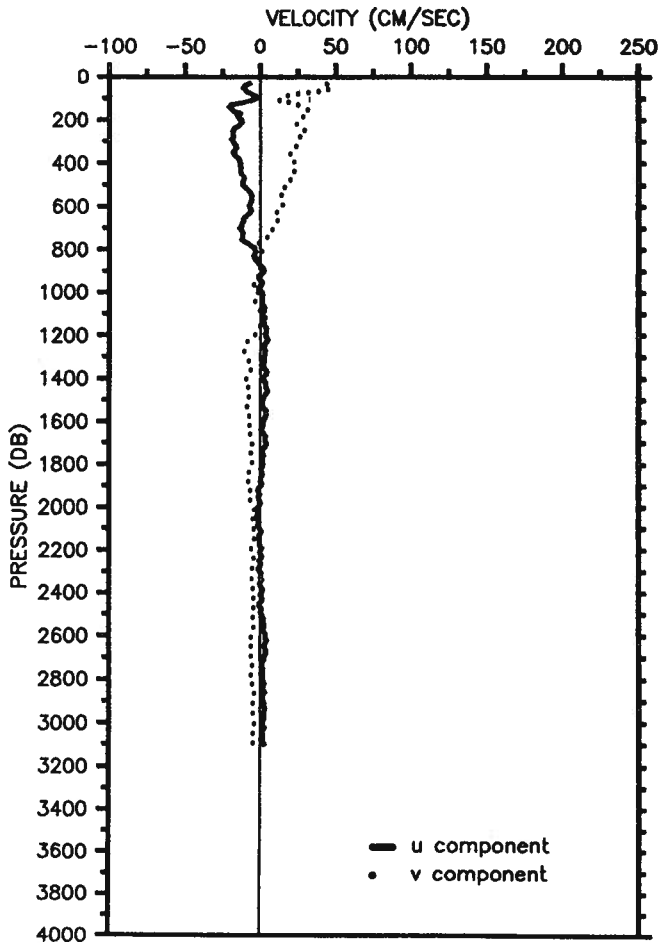

| Prs | U | V |
|---|---|---|
| 20 | -3.7 | -36.8 |
| 30 | -1.8 | -33.5 |
| 40 | -3.6 | -36.7 |
| 50 | -6.7 | -40.4 |
| 60 | -6.5 | -40.4 |
| 70 | -6.5 | -38.9 |
| 80 | -8.8 | -37.7 |
| 90 | -10.7 | -31.8 |
| 100 | -2.4 | -30.9 |
| 110 | 4.0 | -33.7 |
| 120 | -0.2 | -26.5 |
| 130 | 6.2 | -18.1 |
| 140 | 6.5 | -15.4 |
| 150 | 0.2 | -11.2 |
| 160 | 0.8 | -7.8 |
| 170 | 2.1 | -8.8 |
| 180 | 2.1 | -10.5 |
| 190 | 3.7 | -12.8 |
| 200 | 5.3 | -13.6 |
| 250 | 1.7 | -5.4 |
| 300 | 2.8 | -0.7 |
| 350 | -0.3 | -3.5 |
| 400 | 0.7 | -2.7 |
| 450 | 2.1 | 0.7 |
| 480 | 0.2 | -0.8 |

RES-STACS25-86 PEGASUS 16 STN 24
R/V RESEARCHER JDAY 200 TIME 0003Z
Latitude 29.017 N Longitude 078.807 W



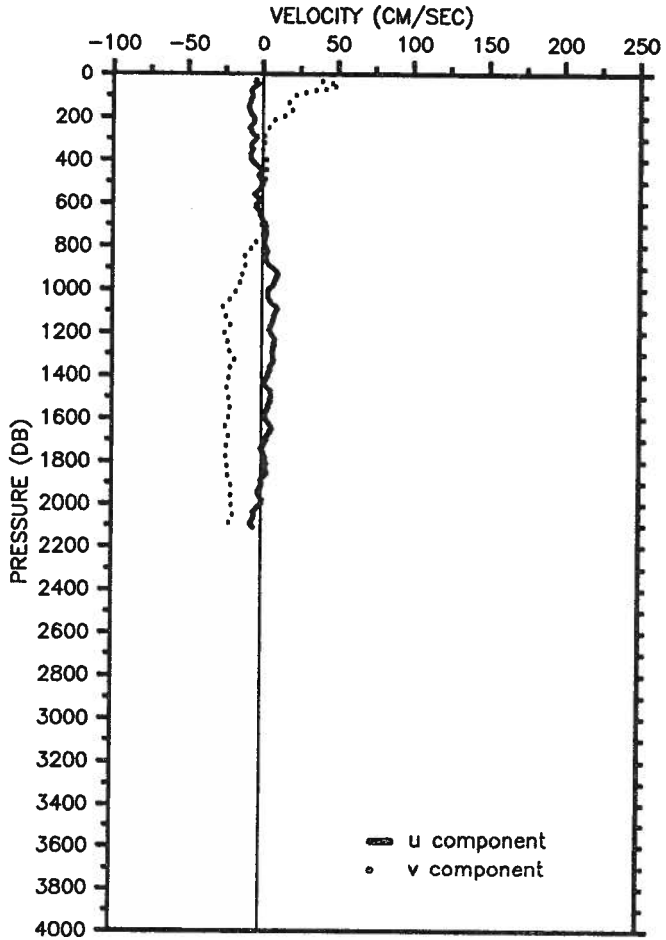

| Prs | U | V |
|---|---|---|
| 10 | 10.2 | -66.1 |
| 20 | 10.7 | -67.5 |
| 30 | 11.2 | -64.9 |
| 40 | 12.8 | -53.3 |
| 50 | 0.2 | -48.1 |
| 60 | -11.2 | -28.7 |
| 70 | -13.8 | -12.8 |
| 80 | -4.2 | -12.5 |
| 90 | -1.5 | -14.7 |
| 100 | -1.7 | -17.4 |
| 110 | 2.7 | -20.5 |
| 120 | 5.2 | -19.3 |
| 130 | 4.8 | -20.3 |
| 140 | 2.6 | -23.6 |
| 150 | 2.2 | -23.7 |
| 160 | 7.2 | -22.4 |
| 170 | 5.3 | -21.4 |
| 180 | -0.4 | -21.5 |
| 190 | -1.8 | -18.5 |
| 200 | -2.8 | -15.8 |
| 250 | 4.6 | -12.3 |
| 300 | 1.4 | -12.4 |
| 350 | 3.9 | -13.0 |
| 400 | 6.7 | -14.2 |
| 450 | 2.1 | -13.5 |
| 500 | -4.9 | -13.3 |
| 550 | -2.3 | -8.4 |
| 600 | -0.3 | -8.7 |
| 650 | -0.4 | -7.5 |
| 700 | 0.8 | -11.4 |
| 750 | 2.6 | -5.5 |
| 800 | -0.2 | -3.4 |
| 830 | -2.2 | -12.5 |

RES-STACS25-86 PEGASUS 18 STN 34
R/V RESEARCHER JDAY 202 TIME 2157Z
Latitude 26.485 N Longitude 076.133 W



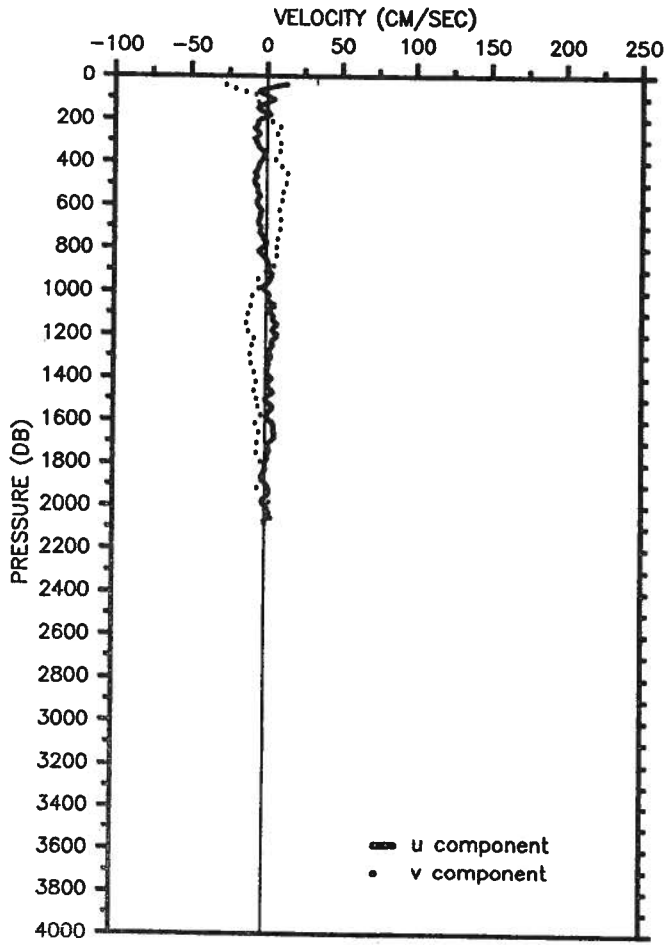

| Prs | U | V |
|---|---|---|
| 30 | -7.0 | 44.1 |
| 40 | -10.1 | 46.0 |
| 50 | -11.4 | 47.6 |
| 60 | -9.5 | 42.1 |
| 70 | -8.5 | 33.0 |
| 80 | -5.9 | 23.6 |
| 90 | -3.4 | 16.0 |
| 100 | -3.0 | 14.4 |
| 110 | -5.8 | 12.5 |
| 120 | -11.1 | 20.4 |
| 130 | -19.4 | 27.5 |
| 140 | -20.4 | 29.7 |
| 150 | -18.8 | 31.6 |
| 160 | -17.2 | 28.9 |
| 170 | -13.3 | 28.3 |
| 180 | -14.9 | 28.8 |
| 190 | -14.4 | 27.3 |
| 200 | -12.7 | 25.5 |
| 250 | -18.2 | 30.2 |
| 300 | -18.1 | 25.7 |
| 350 | -17.8 | 20.2 |
| 400 | -13.4 | 23.4 |
| 450 | -12.4 | 22.1 |
| 500 | -11.4 | 15.7 |
| 550 | -5.8 | 13.8 |
| 600 | -7.2 | 14.9 |
| 650 | -10.3 | 12.0 |
| 700 | -13.2 | 8.2 |
| 750 | -12.0 | 1.0 |
| 800 | -3.6 | 1.2 |
| 850 | -2.9 | -2.4 |
| 900 | 2.1 | 0.4 |
| 950 | 0.9 | -4.6 |
| 1000 | 0.8 | -1.4 |
| 1500 | 2.0 | -7.8 |
| 2000 | -1.3 | -4.1 |
| 2500 | 1.0 | -4.7 |
| 3000 | 1.5 | -3.7 |
| 3100 | 2.9 | -4.6 |

RES-STACS25-86 PEGASUS 19 STN 15
R/V RESEARCHER JDAY 203 TIME 0346Z
Latitude 26.516 N Longitude 076.383 W



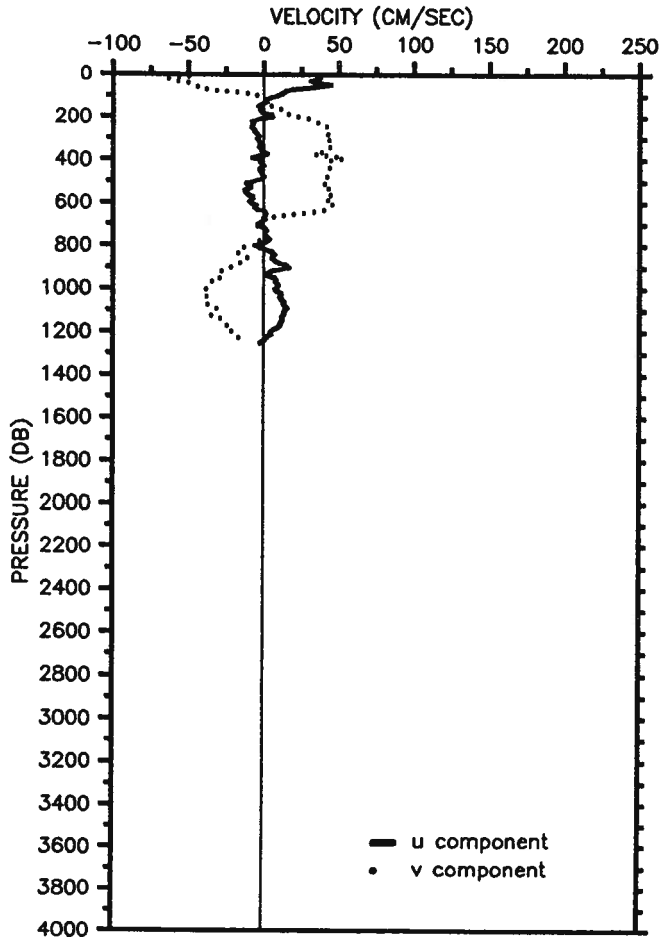

| Prs | U | V |
|---|---|---|
| 30 | -4.8 | 39.5 |
| 40 | -5.1 | 45.1 |
| 50 | -3.2 | 50.5 |
| 60 | -5.0 | 46.4 |
| 70 | -6.9 | 39.1 |
| 80 | -7.9 | 30.2 |
| 90 | -7.9 | 23.4 |
| 100 | -7.1 | 20.8 |
| 110 | -7.3 | 18.8 |
| 120 | -8.1 | 17.8 |
| 130 | -8.6 | 16.9 |
| 140 | -9.0 | 16.2 |
| 150 | -9.2 | 17.9 |
| 160 | -9.4 | 19.2 |
| 170 | -9.1 | 18.8 |
| 180 | -8.5 | 17.2 |
| 190 | -7.6 | 14.0 |
| 200 | -6.6 | 10.0 |
| 250 | -8.8 | 3.5 |
| 300 | -4.5 | -1.2 |
| 350 | -6.8 | 0.0 |
| 400 | -7.7 | 2.3 |
| 450 | -1.1 | 1.5 |
| 500 | -0.7 | 2.0 |
| 550 | -4.1 | -1.2 |
| 600 | -3.2 | -1.3 |
| 650 | -1.2 | -0.4 |
| 700 | 1.7 | -1.0 |
| 750 | 1.9 | -0.8 |
| 800 | 1.7 | -4.7 |
| 850 | 1.8 | -11.9 |
| 900 | 6.1 | -12.8 |
| 950 | 8.8 | -12.7 |
| 1000 | 4.3 | -17.1 |
| 1500 | 5.7 | -22.3 |
| 2000 | -0.6 | -20.1 |
| 2110 | -5.5 | -22.7 |

RES-STACS25-86 PEGASUS 21 STN 17
R/V RESEARCHER JDAY 203 TIME 1540Z
Latitude 26.578 N Longitude 076.627 W



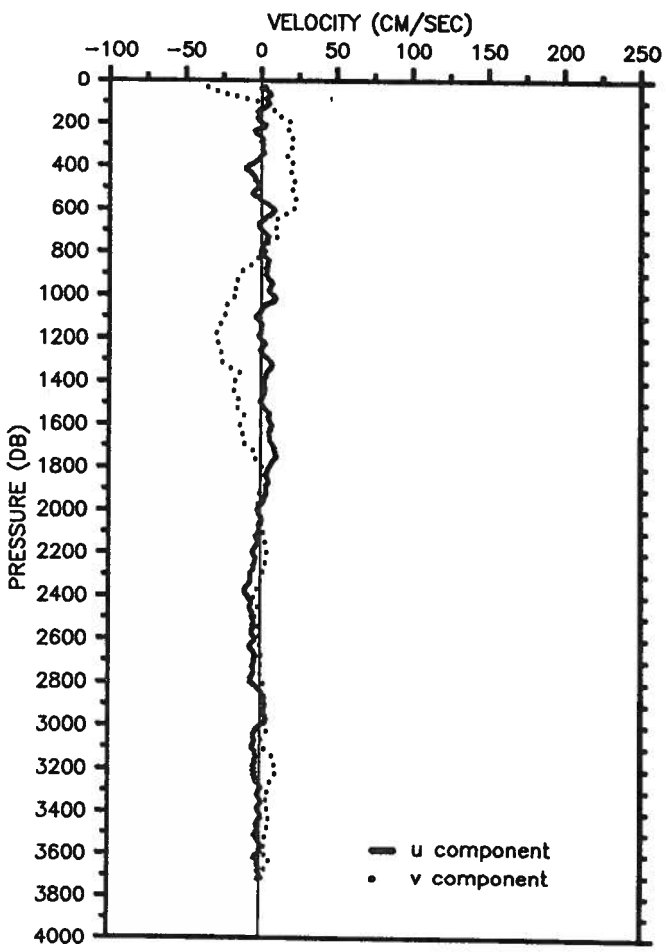

| Prs | U | V |
|---|---|---|
| 40 | 12.7 | -27.1 |
| 50 | 5.9 | -23.6 |
| 60 | -0.7 | -18.2 |
| 70 | -4.4 | -13.2 |
| 80 | -3.2 | -8.0 |
| 90 | -0.1 | -6.0 |
| 100 | 2.4 | -5.7 |
| 110 | 4.2 | -6.9 |
| 120 | 2.2 | -5.9 |
| 130 | -1.6 | -1.7 |
| 140 | -4.6 | 1.7 |
| 150 | -5.6 | 3.2 |
| 160 | -3.6 | 2.1 |
| 170 | -0.5 | 1.2 |
| 180 | 1.8 | 0.9 |
| 190 | -0.4 | 1.5 |
| 200 | -3.9 | 3.2 |
| 250 | -6.5 | 9.2 |
| 300 | -7.0 | 8.2 |
| 350 | -2.0 | 8.0 |
| 400 | -4.1 | 7.3 |
| 450 | -7.5 | 14.7 |
| 500 | -7.6 | 13.4 |
| 550 | -5.0 | 12.3 |
| 600 | -5.9 | 10.3 |
| 650 | -4.2 | 9.4 |
| 700 | -3.6 | 9.5 |
| 750 | -1.6 | 8.3 |
| 800 | -2.9 | 7.9 |
| 850 | -0.3 | 7.0 |
| 900 | 1.7 | 1.4 |
| 950 | 2.3 | -6.1 |
| 1000 | -0.1 | -7.0 |
| 1500 | 0.2 | -6.0 |
| 2000 | 0.4 | -0.1 |
| 2080 | 0.2 | 6.4 |

RES-STACS25-86 PEGASUS 22 STN 19
R/V RESEARCHER JDAY 203 TIME 2015Z
Latitude 26.544 N Longitude 076.840 W



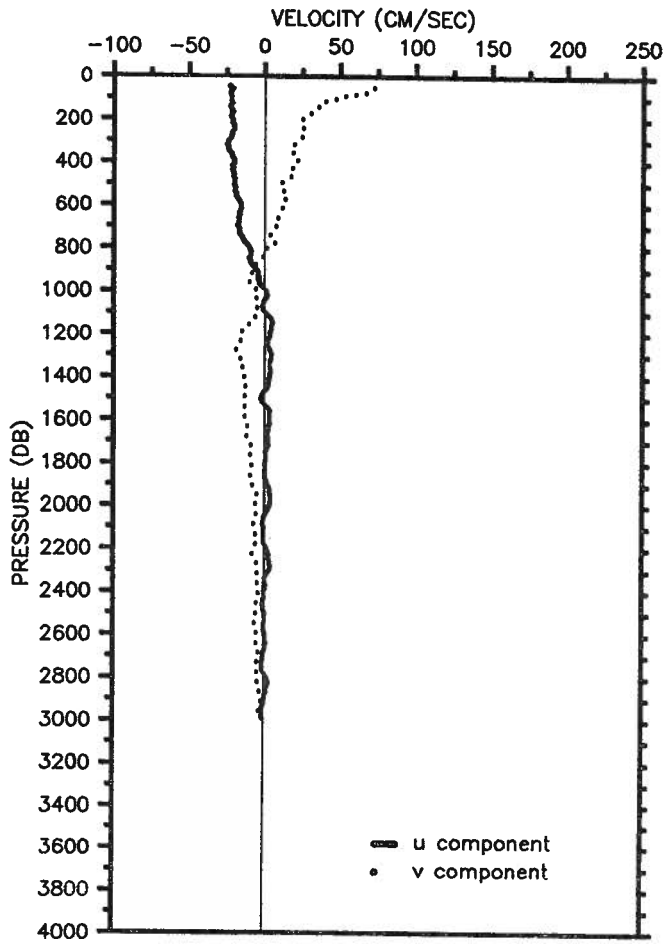

| Prs | U | V |
|---|---|---|
| 10 | 35.5 | -49.6 |
| 20 | 37.3 | -63.3 |
| 30 | 31.4 | -58.1 |
| 40 | 35.2 | -47.3 |
| 50 | 44.4 | -44.7 |
| 60 | 33.0 | -44.2 |
| 70 | 19.4 | -35.9 |
| 80 | 14.3 | -18.6 |
| 90 | 12.5 | -6.8 |
| 100 | 9.4 | -2.4 |
| 110 | 4.6 | -1.7 |
| 120 | 1.5 | 2.7 |
| 130 | 1.7 | 3.5 |
| 140 | -1.4 | 4.9 |
| 150 | -3.3 | 5.2 |
| 160 | -2.4 | 11.6 |
| 170 | -2.2 | 15.1 |
| 180 | -1.2 | 15.3 |
| 190 | 4.8 | 18.0 |
| 200 | 5.5 | 24.6 |
| 250 | -8.3 | 43.7 |
| 300 | -4.4 | 45.5 |
| 350 | -1.2 | 42.6 |
| 400 | -2.0 | 44.1 |
| 450 | -2.5 | 43.0 |
| 500 | -6.9 | 39.6 |
| 550 | -12.1 | 43.2 |
| 600 | -8.1 | 47.2 |
| 650 | 1.0 | 20.1 |
| 700 | -3.8 | -4.6 |
| 750 | 0.6 | -1.2 |
| 800 | -4.3 | -9.2 |
| 850 | 5.8 | -11.0 |
| 900 | 16.3 | -22.6 |
| 950 | 7.1 | -31.6 |
| 1000 | 7.7 | -38.3 |
| 1250 | -2.1 | -11.6 |

RES-STACS25-86 PEGASUS 23 STN 18
R/V RESEARCHER JDAY 204 TIME 0035Z
Latitude 26.528 N Longitude 076.733 W



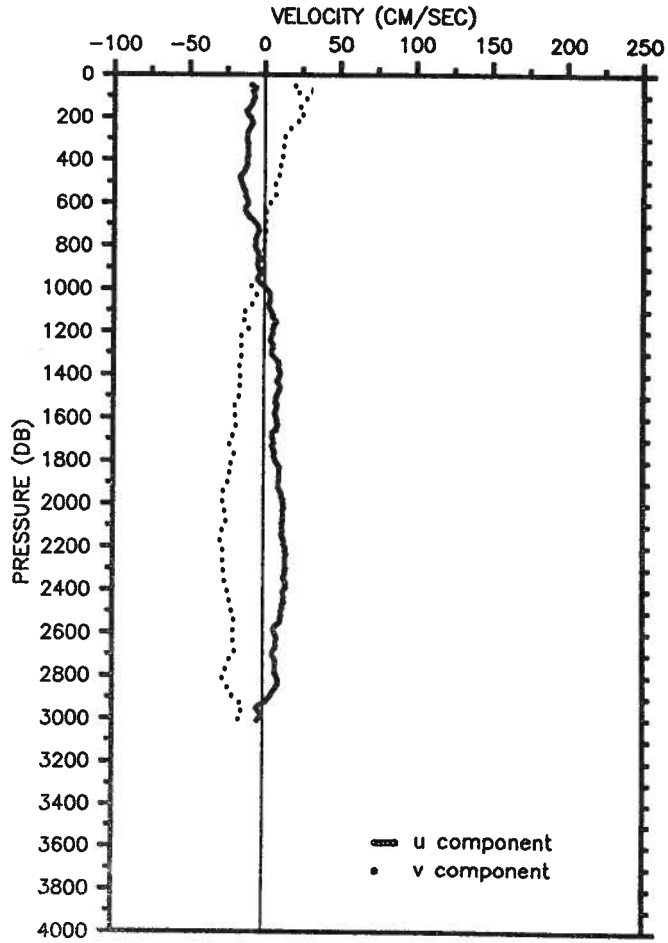

| Prs | U | V |
|---|---|---|
| 30 | 2.9 | -35.3 |
| 40 | 0.0 | -33.6 |
| 50 | 3.9 | -29.3 |
| 60 | 5.8 | -24.0 |
| 70 | 6.0 | -18.7 |
| 80 | 4.3 | -12.9 |
| 90 | 3.2 | -6.5 |
| 100 | 4.6 | -1.2 |
| 110 | 5.4 | 2.4 |
| 120 | 4.0 | 6.1 |
| 130 | 1.8 | 8.4 |
| 140 | -0.9 | 8.6 |
| 150 | -2.3 | 9.8 |
| 160 | -1.2 | 10.6 |
| 170 | -1.6 | 13.3 |
| 180 | -2.2 | 17.1 |
| 190 | -1.7 | 19.3 |
| 200 | 0.1 | 20.5 |
| 250 | -3.4 | 20.7 |
| 300 | 1.0 | 20.1 |
| 350 | 0.6 | 17.6 |
| 400 | -7.8 | 21.6 |
| 450 | -4.9 | 20.5 |
| 500 | -1.3 | 22.8 |
| 550 | -1.7 | 23.5 |
| 600 | 8.3 | 22.2 |
| 650 | 1.9 | 10.8 |
| 700 | 0.6 | 10.4 |
| 750 | 3.8 | 5.9 |
| 800 | 0.0 | 2.5 |
| 850 | 4.9 | -4.4 |
| 900 | 3.7 | -12.5 |
| 950 | 7.5 | -16.9 |
| 1000 | 7.3 | -16.0 |
| 1500 | 0.3 | -14.9 |
| 2000 | -1.6 | -0.8 |
| 2500 | -5.2 | -3.1 |
| 3000 | 0.5 | 4.0 |
| 3500 | -2.4 | 5.2 |
| 3720 | -0.8 | 1.3 |

RES-STACS25-86 PEGASUS 24 STN 34
R/V RESEARCHER JDAY 204 TIME 0815Z
Latitude 26.486 N Longitude 076.134 W



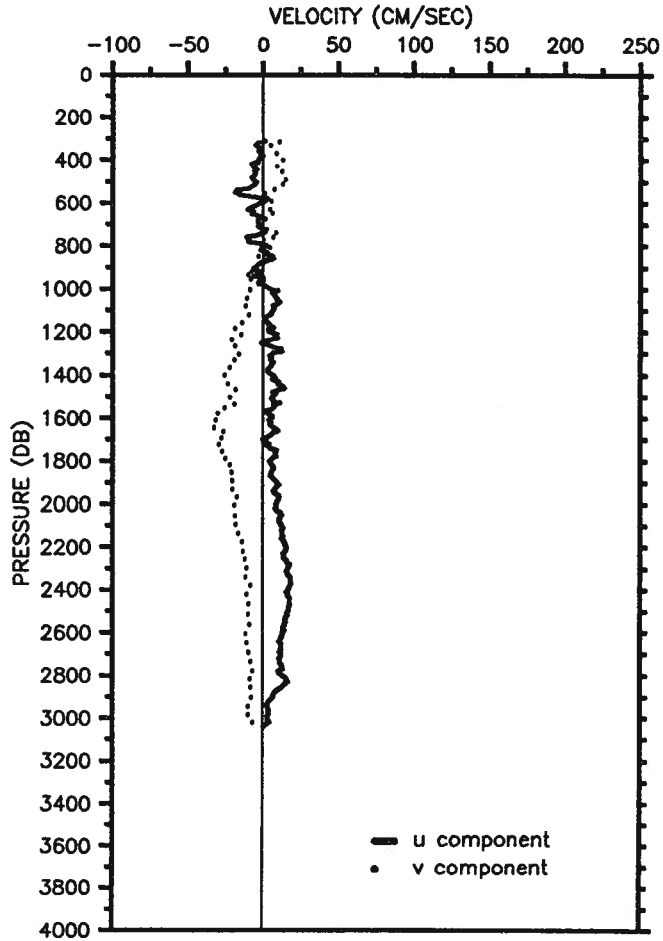

| Prs | U | V |
|---|---|---|
| 50 | -23.4 | 72.9 |
| 60 | -21.5 | 71.6 |
| 70 | -22.4 | 68.8 |
| 80 | -22.9 | 62.8 |
| 90 | -23.0 | 54.3 |
| 100 | -22.7 | 46.9 |
| 110 | -22.5 | 41.4 |
| 120 | -22.5 | 37.8 |
| 130 | -22.3 | 36.0 |
| 140 | -23.0 | 35.8 |
| 150 | -22.9 | 35.2 |
| 160 | -22.1 | 33.0 |
| 170 | -21.8 | 30.9 |
| 180 | -22.2 | 28.1 |
| 190 | -22.6 | 26.0 |
| 200 | -22.0 | 24.4 |
| 250 | -20.9 | 25.9 |
| 300 | -24.0 | 22.1 |
| 350 | -23.7 | 18.6 |
| 400 | -20.7 | 20.7 |
| 450 | -21.4 | 17.5 |
| 500 | -20.3 | 11.0 |
| 550 | -19.3 | 15.2 |
| 600 | -16.3 | 11.6 |
| 650 | -17.0 | 10.2 |
| 700 | -18.1 | 7.6 |
| 750 | -15.3 | 5.2 |
| 800 | -10.5 | 1.9 |
| 850 | -10.2 | -1.8 |
| 900 | -6.2 | -8.6 |
| 950 | -4.3 | -8.9 |
| 1000 | 0.7 | -5.3 |
| 1500 | -2.4 | -13.1 |
| 2000 | 3.5 | -5.9 |
| 2500 | 0.2 | -5.4 |
| 2990 | -1.1 | -2.6 |

RES-STACS25-86 PEGASUS 25 STN 15
R/V RESEARCHER JDAY 204 TIME 1236Z
Latitude 26.513 N Longitude 076.379 W



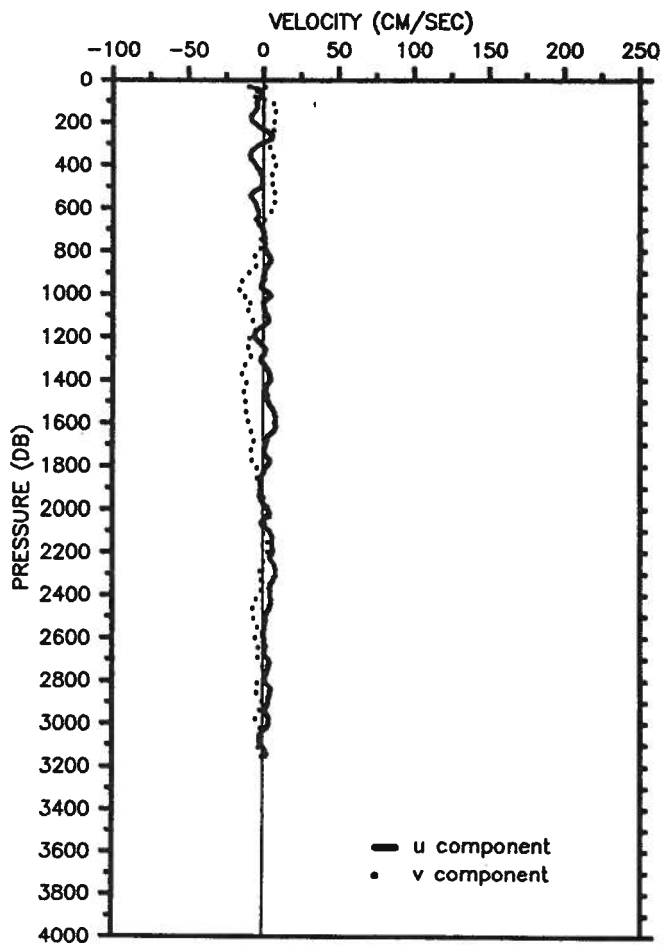

| Prs | U | V |
|---|---|---|
| 50 | -8.6 | 20.4 |
| 60 | -6.1 | 19.8 |
| 70 | -6.7 | 19.7 |
| 80 | -7.8 | 22.0 |
| 90 | -7.5 | 24.8 |
| 100 | -6.9 | 27.4 |
| 110 | -7.0 | 28.2 |
| 120 | -7.8 | 27.3 |
| 130 | -8.2 | 26.4 |
| 140 | -8.7 | 25.0 |
| 150 | -9.5 | 23.7 |
| 160 | -10.8 | 22.8 |
| 170 | -12.1 | 23.0 |
| 180 | -11.9 | 24.8 |
| 190 | -11.2 | 26.3 |
| 200 | -9.7 | 26.0 |
| 250 | -10.2 | 17.3 |
| 300 | -11.7 | 13.5 |
| 350 | -11.1 | 12.1 |
| 400 | -11.6 | 12.8 |
| 450 | -13.5 | 10.9 |
| 500 | -15.6 | 8.7 |
| 550 | -12.8 | 8.0 |
| 600 | -11.1 | 3.8 |
| 650 | -11.6 | 0.5 |
| 700 | -5.2 | 0.6 |
| 750 | -4.8 | 0.6 |
| 800 | -6.1 | 1.1 |
| 850 | -3.8 | -2.1 |
| 900 | -4.2 | -0.2 |
| 950 | -4.7 | -4.4 |
| 1000 | 1.2 | -6.3 |
| 1500 | 8.5 | -16.4 |
| 2000 | 13.2 | -27.3 |
| 2500 | 12.2 | -20.0 |
| 3000 | -2.7 | -15.7 |
| 3010 | -3.8 | -16.5 |

RES-STACS25-86 PEGASUS 26 STN 16
R/V RESEARCHER JDAY 204 TIME 1713Z
Latitude 26.534 N Longitude 076.521 W



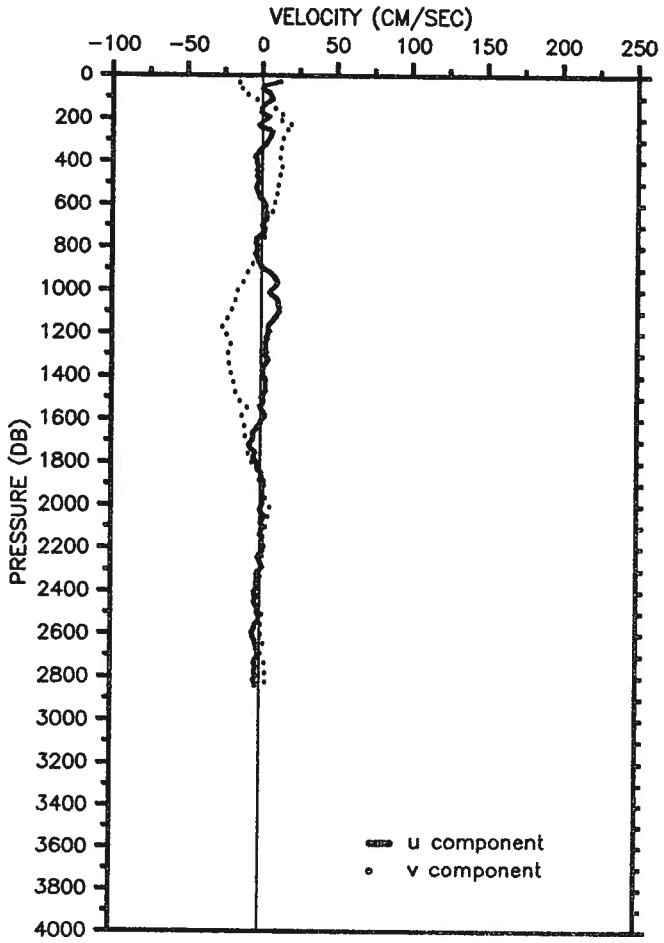

| Prs | U | V |
|---|---|---|
| 350 | -2.5 | 7.8 |
| 400 | -3.2 | 13.4 |
| 450 | -5.4 | 13.3 |
| 500 | -4.6 | 16.7 |
| 550 | -18.4 | 1.6 |
| 600 | -1.8 | 7.2 |
| 650 | -7.3 | 4.7 |
| 700 | -1.7 | -0.9 |
| 750 | -4.3 | 10.5 |
| 800 | 2.2 | 0.8 |
| 850 | 6.1 | -3.7 |
| 900 | -4.6 | -8.8 |
| 950 | 0.1 | -8.3 |
| 1000 | 4.9 | -8.6 |
| 1500 | 6.2 | -22.7 |
| 2000 | 8.6 | -18.5 |
| 2500 | 16.7 | -9.8 |
| 3000 | 3.2 | -8.0 |
| 3040 | 0.7 | -10.2 |

RES-STACS25-86 PEGASUS 28 STN 17
R/V RESEARCHER JDAY 205 TIME 0207Z
Latitude 26.583 N Longitude 076.629 W



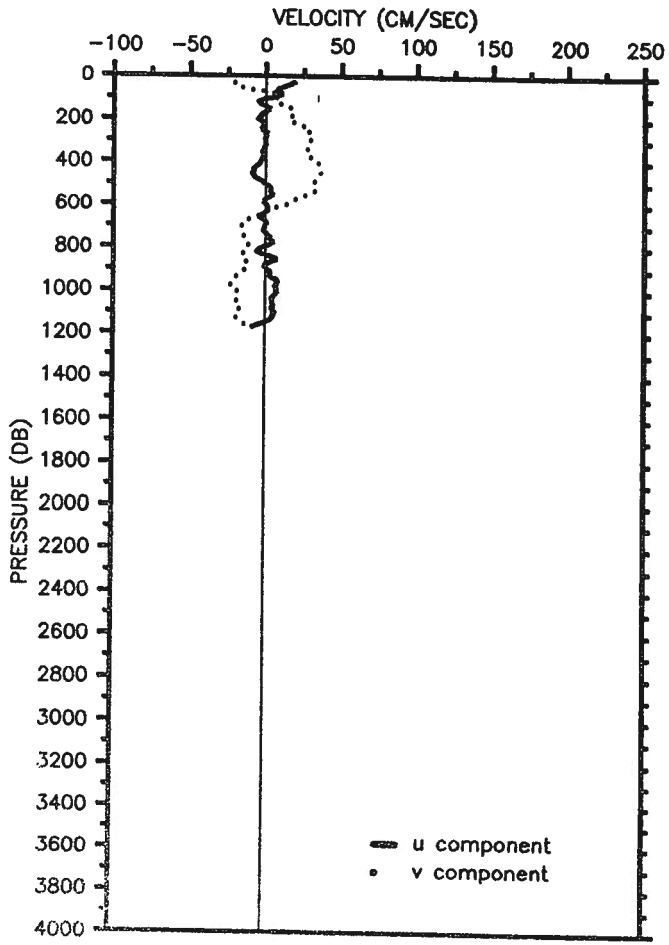

| Prs | U | V |
|---|---|---|
| 30 | -9.4 | 1.6 |
| 40 | -4.3 | -1.6 |
| 50 | -1.2 | -3.8 |
| 60 | -0.9 | -7.6 |
| 70 | -1.3 | -7.8 |
| 80 | -2.3 | -4.0 |
| 90 | -3.1 | 0.1 |
| 100 | -4.1 | 4.6 |
| 110 | -4.6 | 7.3 |
| 120 | -4.1 | 8.3 |
| 130 | -4.1 | 9.5 |
| 140 | -4.9 | 9.0 |
| 150 | -5.8 | 8.3 |
| 160 | -7.0 | 8.6 |
| 170 | -8.0 | 8.3 |
| 180 | -8.0 | 8.1 |
| 190 | -7.4 | 7.6 |
| 200 | -6.3 | 6.1 |
| 250 | 4.5 | 7.8 |
| 300 | -1.5 | 4.1 |
| 350 | -8.7 | 5.8 |
| 400 | -5.0 | 8.2 |
| 450 | -0.8 | 6.3 |
| 500 | -1.5 | 5.7 |
| 550 | -7.8 | 8.8 |
| 600 | -4.0 | 6.3 |
| 650 | -4.3 | 1.2 |
| 700 | -0.3 | -1.2 |
| 750 | 0.7 | -1.2 |
| 800 | 2.2 | -4.4 |
| 850 | 4.3 | -5.3 |
| 900 | 0.7 | -9.9 |
| 950 | -0.8 | -15.4 |
| 1000 | 4.6 | -14.2 |
| 1500 | 3.4 | -11.3 |
| 2000 | 3.1 | 3.5 |
| 2500 | 1.7 | -6.1 |
| 3000 | 4.0 | -2.4 |
| 3150 | 1.9 | -0.7 |

RES-STACS25-86 PEGASUS 29 STN 18
R/V RESEARCHER JDAY 205 TIME 0642Z
Latitude 26.525 N Longitude 076.739 W



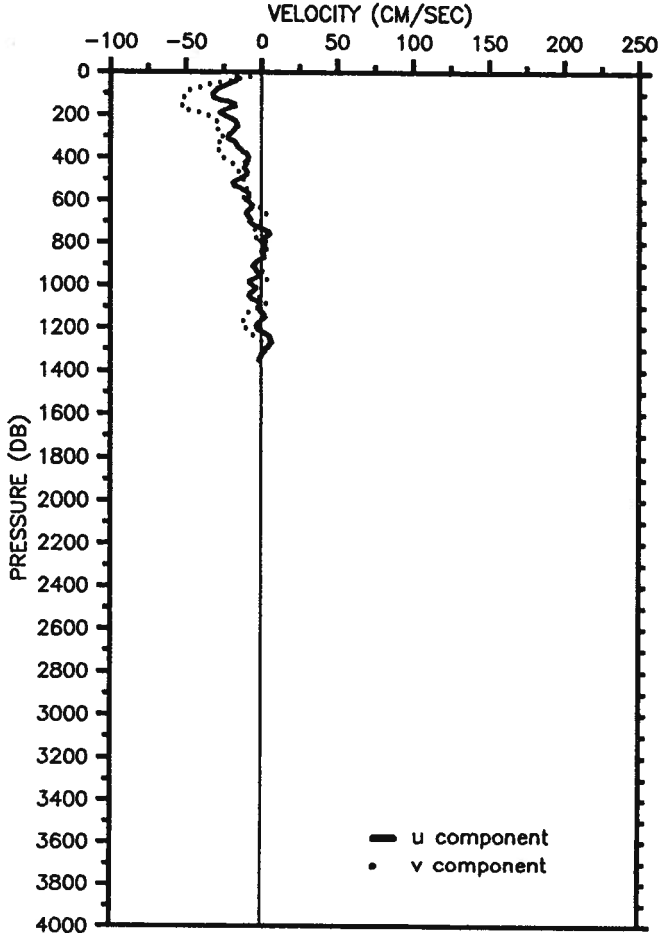

| Prs | U | V |
|---|---|---|
| 30 | 11.4 | -15.2 |
| 40 | 6.3 | -12.0 |
| 50 | 1.3 | -13.3 |
| 60 | 0.3 | -13.9 |
| 70 | 1.9 | -14.2 |
| 80 | 4.1 | -12.2 |
| 90 | 5.1 | -8.5 |
| 100 | 6.0 | -5.6 |
| 110 | 6.4 | -3.3 |
| 120 | 5.0 | -0.7 |
| 130 | 2.4 | 1.7 |
| 140 | 0.8 | 4.8 |
| 150 | -0.1 | 8.0 |
| 160 | -0.6 | 11.1 |
| 170 | -0.6 | 13.0 |
| 180 | 0.9 | 13.2 |
| 190 | 4.1 | 10.1 |
| 200 | 2.9 | 11.1 |
| 250 | 4.4 | 16.0 |
| 300 | 3.6 | 12.9 |
| 350 | -2.2 | 12.4 |
| 400 | -3.7 | 11.1 |
| 450 | -3.0 | 13.8 |
| 500 | -2.9 | 10.8 |
| 550 | -2.4 | 9.9 |
| 600 | 2.2 | 9.2 |
| 650 | 2.9 | 5.2 |
| 700 | 0.4 | 3.9 |
| 750 | -1.8 | 1.9 |
| 800 | -2.9 | -0.9 |
| 850 | -3.2 | -5.9 |
| 900 | 1.7 | -8.0 |
| 950 | 9.2 | -12.1 |
| 1000 | 6.4 | -16.5 |
| 1500 | 0.4 | -15.2 |
| 2000 | 0.7 | 5.7 |
| 2500 | -1.7 | 1.9 |
| 2840 | -3.2 | 3.4 |

RES-STACS25-86 PEGASUS 30 STN 19
R/V RESEARCHER JDAY 205 TIME 1045Z
Latitude 26.544 N Longitude 076.842 W



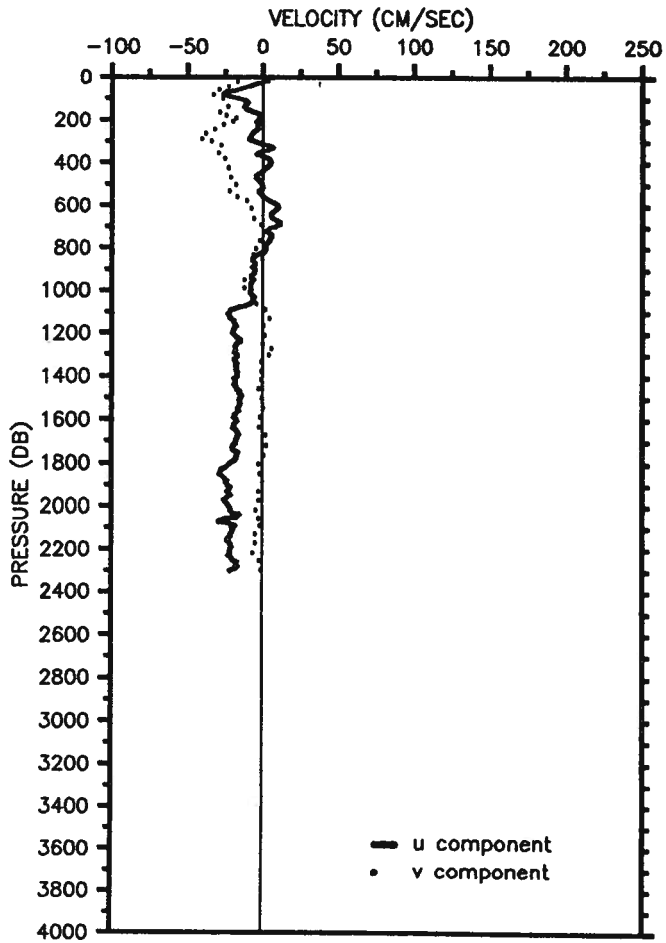

| Prs | U | V |
|---|---|---|
| 30 | 18.5 | -20.6 |
| 40 | 16.3 | -20.6 |
| 50 | 12.3 | -16.7 |
| 60 | 8.0 | -9.7 |
| 70 | 7.5 | 1.1 |
| 80 | 9.7 | 7.1 |
| 90 | 9.7 | 8.6 |
| 100 | 4.7 | 6.9 |
| 110 | -1.6 | 5.5 |
| 120 | -4.6 | 7.5 |
| 130 | -3.3 | 10.2 |
| 140 | -0.1 | 13.8 |
| 150 | 2.2 | 17.0 |
| 160 | 1.4 | 18.6 |
| 170 | -0.6 | 18.0 |
| 180 | -2.7 | 17.3 |
| 190 | -3.8 | 18.3 |
| 200 | -4.9 | 20.1 |
| 250 | -2.0 | 29.4 |
| 300 | -0.3 | 29.4 |
| 350 | -1.9 | 27.2 |
| 400 | -3.2 | 34.9 |
| 450 | -8.1 | 36.3 |
| 500 | -0.5 | 32.6 |
| 550 | 4.2 | 27.5 |
| 600 | 0.6 | 12.8 |
| 650 | -2.7 | -5.3 |
| 700 | -0.2 | -15.4 |
| 750 | 2.6 | -13.9 |
| 800 | -1.1 | -11.4 |
| 850 | 6.7 | -14.6 |
| 900 | 1.6 | -14.0 |
| 950 | 6.8 | -21.6 |
| 1000 | 7.3 | -18.5 |
| 1170 | -8.0 | -9.2 |

RES-STACS25-86 PEGASUS 31 STN 20
R/V RESEARCHER JDAY 209 TIME 1430Z
Latitude 20.726 N Longitude 073.125 W



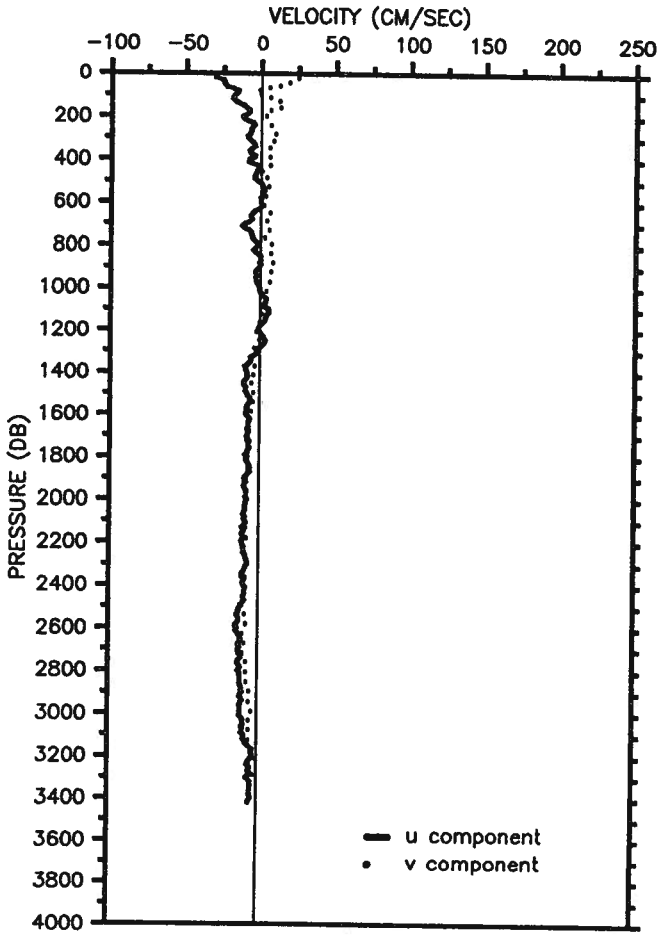

| Prs | U | V |
|---|---|---|
| 20 | -16.8 | -7.6 |
| 30 | -16.8 | -16.5 |
| 40 | -17.4 | -24.4 |
| 50 | -19.5 | -31.1 |
| 60 | -23.2 | -36.9 |
| 70 | -26.3 | -41.2 |
| 80 | -29.1 | -46.1 |
| 90 | -30.4 | -49.6 |
| 100 | -31.7 | -50.9 |
| 110 | -31.9 | -51.5 |
| 120 | -31.5 | -51.2 |
| 130 | -27.6 | -50.5 |
| 140 | -21.7 | -50.4 |
| 150 | -18.4 | -51.6 |
| 160 | -17.8 | -53.5 |
| 170 | -21.6 | -52.0 |
| 180 | -24.8 | -45.9 |
| 190 | -27.1 | -39.1 |
| 200 | -25.1 | -34.8 |
| 250 | -16.3 | -27.2 |
| 300 | -22.2 | -24.7 |
| 350 | -15.8 | -28.5 |
| 400 | -8.9 | -24.9 |
| 450 | -11.3 | -16.4 |
| 500 | -15.1 | -12.1 |
| 550 | -12.2 | -10.7 |
| 600 | -9.7 | -11.5 |
| 650 | -9.4 | 3.6 |
| 700 | -7.5 | -1.0 |
| 750 | 4.6 | -5.2 |
| 800 | 0.6 | 4.0 |
| 850 | 0.7 | 2.1 |
| 900 | -4.7 | -3.9 |
| 950 | -1.0 | 2.6 |
| 1000 | -6.2 | 0.8 |
| 1350 | -1.3 | -2.6 |

RES-STACS25-86 PEGASUS 33 STN 21
R/V RESEARCHER JDAY 210 TIME 1023Z
Latitude 20.334 N Longitude 073.032 W



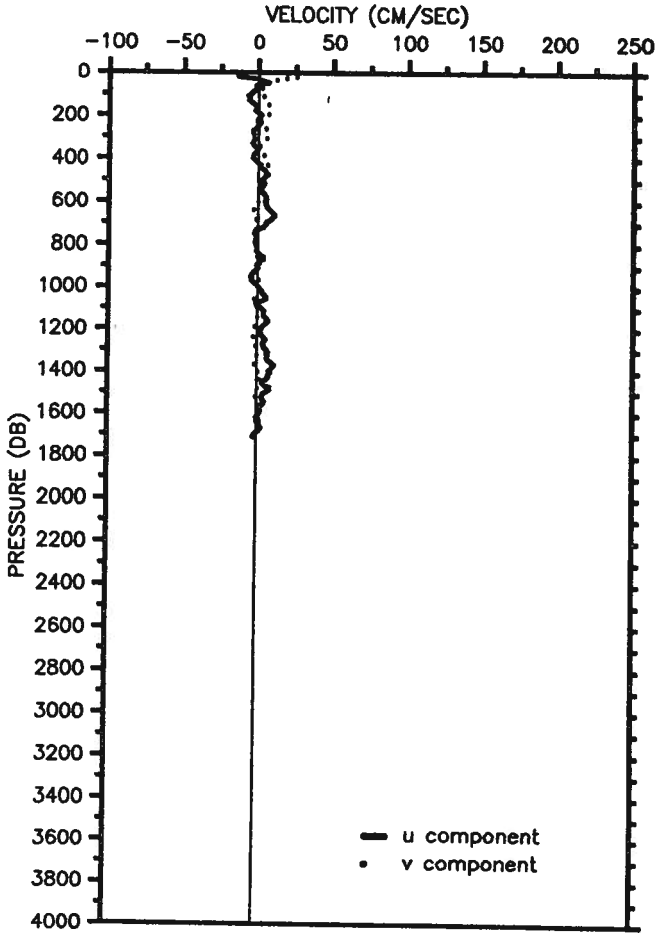

| Prs | U | V |
|---|---|---|
| 20 | 3.0 | -16.9 |
| 30 | -3.7 | -20.8 |
| 40 | -7.5 | -22.1 |
| 50 | -12.0 | -26.3 |
| 60 | -17.6 | -30.8 |
| 70 | -24.2 | -33.8 |
| 80 | -26.1 | -33.4 |
| 90 | -22.8 | -29.7 |
| 100 | -15.8 | -25.9 |
| 110 | -11.6 | -23.9 |
| 120 | -10.1 | -23.6 |
| 130 | -11.3 | -23.1 |
| 140 | -12.1 | -23.0 |
| 150 | -10.7 | -24.5 |
| 160 | -7.1 | -29.2 |
| 170 | -3.4 | -29.1 |
| 180 | -0.9 | -21.3 |
| 190 | -1.9 | -15.7 |
| 200 | -2.4 | -17.0 |
| 250 | -4.9 | -34.9 |
| 300 | -5.8 | -32.3 |
| 350 | -0.9 | -29.7 |
| 400 | 5.1 | -23.5 |
| 450 | -1.9 | -21.8 |
| 500 | -0.5 | -18.1 |
| 550 | -0.7 | -17.8 |
| 600 | 10.0 | -8.4 |
| 650 | 5.5 | -6.0 |
| 700 | 9.2 | 1.8 |
| 750 | 5.6 | -1.5 |
| 800 | 1.9 | -4.1 |
| 850 | -6.8 | -0.1 |
| 900 | -5.2 | -6.6 |
| 950 | -6.2 | -12.5 |
| 1000 | -7.9 | -10.8 |
| 1500 | -14.5 | -0.2 |
| 2000 | -22.2 | -4.2 |
| 2300 | -20.9 | -1.2 |

RES-STACS25-86 PEGASUS 34 STN 22
R/V RESEARCHER JDAY 213 TIME 1400Z
Latitude 18.939 N Longitude 066.111 W



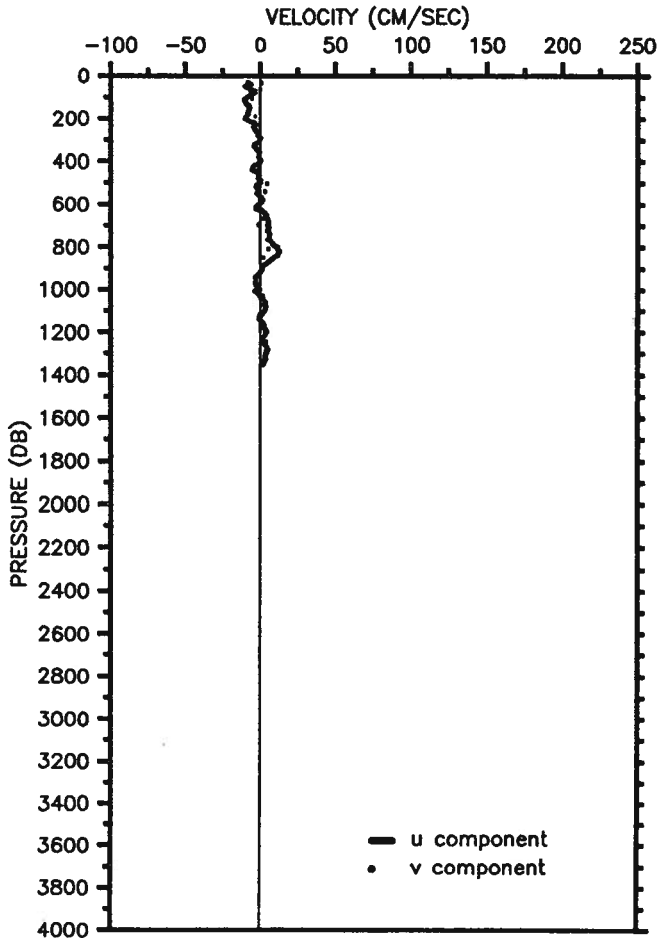

| Prs | U | V |
|---|---|---|
| 20 | -31.0 | 24.4 |
| 30 | -25.4 | 22.3 |
| 40 | -25.0 | 19.1 |
| 50 | -24.5 | 15.2 |
| 60 | -22.8 | 8.6 |
| 70 | -18.8 | 1.3 |
| 80 | -15.9 | -3.5 |
| 90 | -16.3 | -3.3 |
| 100 | -17.8 | 0.9 |
| 110 | -18.9 | 6.3 |
| 120 | -18.5 | 9.7 |
| 130 | -16.9 | 12.5 |
| 140 | -14.4 | 14.5 |
| 150 | -11.8 | 15.1 |
| 160 | -9.9 | 12.0 |
| 170 | -8.3 | 8.7 |
| 180 | -8.0 | 2.7 |
| 190 | -10.0 | 2.5 |
| 200 | -12.3 | 3.7 |
| 250 | -5.9 | 6.7 |
| 300 | -8.7 | 10.9 |
| 350 | -6.3 | 8.7 |
| 400 | -7.5 | 4.9 |
| 450 | -2.5 | 1.0 |
| 500 | -2.4 | 5.8 |
| 550 | 2.1 | 5.1 |
| 600 | -0.2 | 1.0 |
| 650 | -5.5 | 6.3 |
| 700 | -10.8 | 4.4 |
| 750 | -5.8 | 3.8 |
| 800 | -1.8 | 8.6 |
| 850 | -0.1 | 7.9 |
| 900 | -0.8 | 8.1 |
| 950 | -3.2 | 7.2 |
| 1000 | -0.4 | 5.6 |
| 1500 | -8.6 | -4.4 |
| 2000 | -8.1 | -8.5 |
| 2500 | -12.1 | -10.3 |
| 3000 | -11.7 | -5.2 |
| 3420 | -5.7 | -8.0 |

RES-STACS25-86 PEGASUS 35 STN 23
R/V RESEARCHER JDAY 214 TIME 0106Z
Latitude 18.680 N Longitude 066.106 W



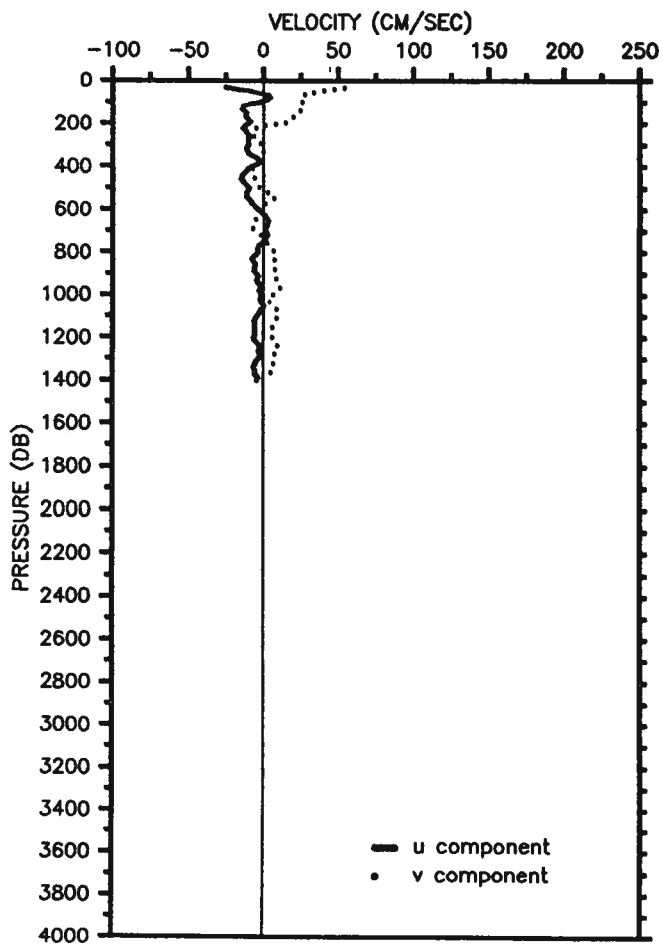

| Prs | U | V |
|---|---|---|
| 20 | -13.5 | 25.5 |
| 30 | -0.8 | 14.1 |
| 40 | 3.0 | 7.8 |
| 50 | 6.5 | 4.5 |
| 60 | -1.6 | 5.5 |
| 70 | -0.2 | 3.0 |
| 80 | -1.3 | 1.3 |
| 90 | -3.2 | 1.6 |
| 100 | -5.1 | 3.1 |
| 110 | -6.5 | 3.7 |
| 120 | -6.1 | 3.8 |
| 130 | -6.1 | 4.6 |
| 140 | -4.4 | 6.3 |
| 150 | -2.9 | 7.1 |
| 160 | -1.1 | 6.0 |
| 170 | -1.3 | 5.8 |
| 180 | -1.8 | 6.0 |
| 190 | 0.4 | 7.1 |
| 200 | 1.9 | 6.5 |
| 250 | -0.1 | 3.5 |
| 300 | -2.5 | 5.6 |
| 350 | -1.0 | 1.1 |
| 400 | -3.2 | 4.2 |
| 450 | 3.3 | 6.7 |
| 500 | 2.9 | 4.9 |
| 550 | 1.7 | 5.8 |
| 600 | 4.9 | -0.1 |
| 650 | 9.3 | -2.4 |
| 700 | 5.5 | -0.1 |
| 750 | -1.9 | -2.1 |
| 800 | -1.3 | -0.5 |
| 850 | 1.7 | -0.8 |
| 900 | -0.3 | -1.2 |
| 950 | -3.9 | 1.4 |
| 1000 | 0.7 | 1.1 |
| 1500 | 6.4 | 1.6 |
| 1710 | -2.0 | 2.3 |

RES-STACS25-86 PEGASUS 36 STN 33
R/V RESEARCHER JDAY 216 TIME 1329Z
Latitude 16.490 N Longitude 063.540 W



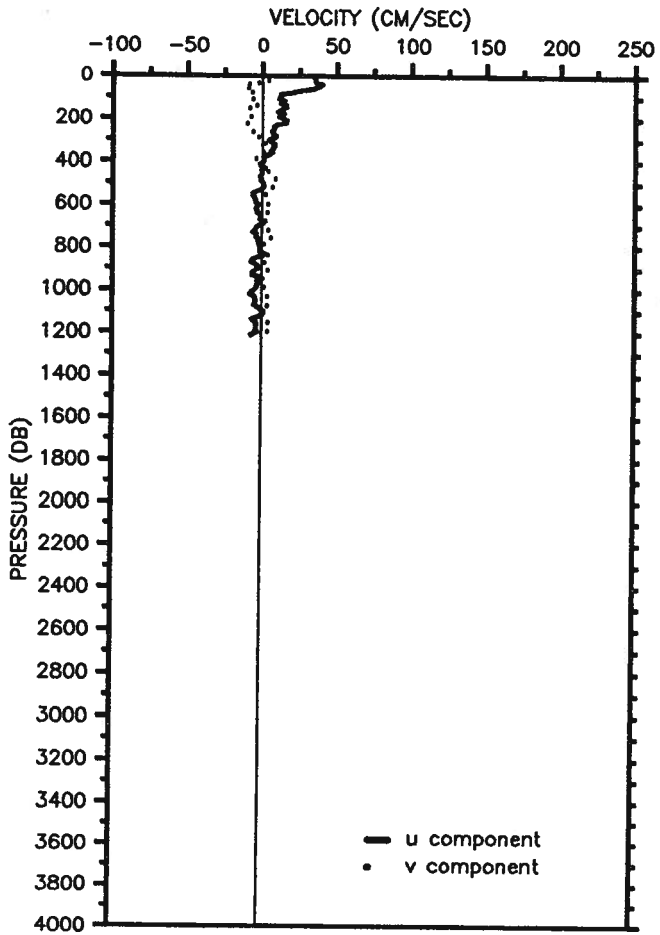

| Prs | U | V |
|---|---|---|
| 30 | -8.1 | 0.9 |
| 40 | -6.5 | 2.9 |
| 50 | -9.8 | 2.6 |
| 60 | -7.4 | 0.0 |
| 70 | -3.8 | -4.9 |
| 80 | -3.9 | -8.4 |
| 90 | -6.0 | -7.6 |
| 100 | -8.5 | -5.8 |
| 110 | -10.4 | -5.0 |
| 120 | -10.2 | -5.6 |
| 130 | -9.3 | -6.5 |
| 140 | -7.5 | -6.9 |
| 150 | -7.3 | -6.9 |
| 160 | -7.7 | -6.0 |
| 170 | -8.2 | -4.4 |
| 180 | -8.3 | -3.3 |
| 190 | -9.2 | -3.4 |
| 200 | -10.0 | -3.4 |
| 250 | -3.4 | -0.5 |
| 300 | -0.3 | -0.8 |
| 350 | -1.7 | -1.0 |
| 400 | -0.8 | 1.1 |
| 450 | -2.7 | -1.9 |
| 500 | 0.0 | 4.7 |
| 550 | -2.0 | 1.7 |
| 600 | -1.1 | 0.6 |
| 650 | 4.1 | 3.3 |
| 700 | 5.1 | -0.6 |
| 750 | 6.4 | 5.7 |
| 800 | 11.2 | 5.1 |
| 850 | 9.1 | 1.9 |
| 900 | 1.3 | 0.2 |
| 950 | -2.9 | -0.3 |
| 1000 | -0.7 | -4.7 |
| 1350 | 2.0 | -0.6 |

RES-STACS25-86 PEGASUS 37 STN 32
R/V RESEARCHER JDAY 217 TIME 1035Z
Latitude 14.991 N Longitude 063.517 W



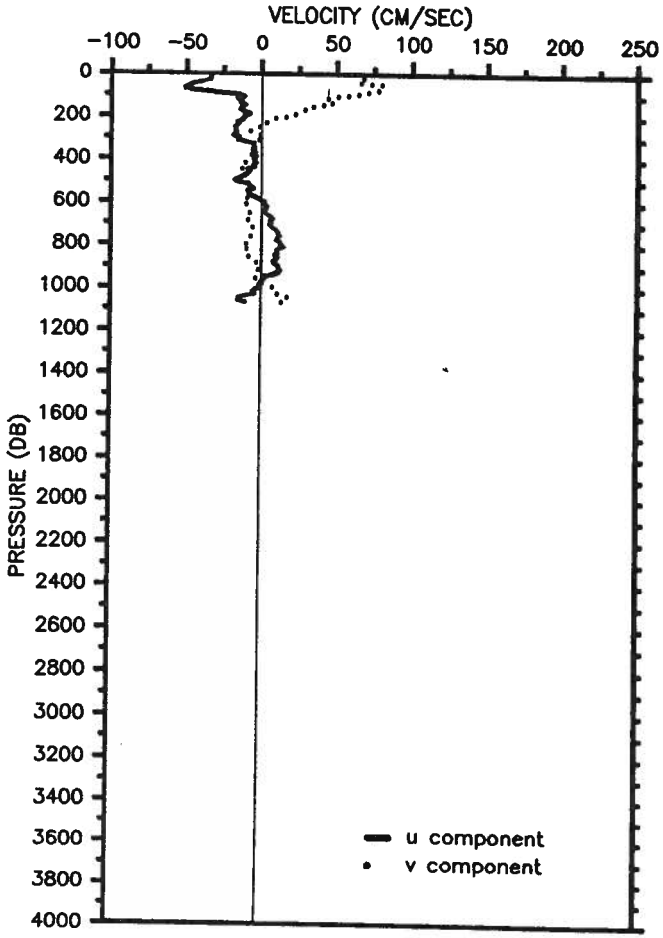

| Prs | U | V |
|---|---|---|
| 30 | -24.8 | 54.3 |
| 40 | -17.4 | 46.4 |
| 50 | -8.4 | 35.4 |
| 60 | -0.9 | 28.3 |
| 70 | 3.5 | 25.2 |
| 80 | 4.2 | 25.6 |
| 90 | 2.5 | 26.2 |
| 100 | -1.9 | 26.0 |
| 110 | -8.6 | 24.9 |
| 120 | -13.3 | 23.6 |
| 130 | -14.0 | 24.3 |
| 140 | -12.4 | 24.8 |
| 150 | -11.2 | 24.1 |
| 160 | -11.6 | 21.5 |
| 170 | -11.4 | 19.8 |
| 180 | -10.0 | 19.3 |
| 190 | -8.6 | 16.3 |
| 200 | -10.1 | 8.5 |
| 250 | -10.2 | -7.9 |
| 300 | -9.9 | 0.1 |
| 350 | -6.9 | -1.4 |
| 400 | -7.5 | -6.2 |
| 450 | -14.2 | -6.0 |
| 500 | -9.7 | -2.0 |
| 550 | -9.6 | 7.2 |
| 600 | -3.4 | 0.5 |
| 650 | 3.3 | -5.5 |
| 700 | 1.8 | -4.8 |
| 750 | 0.1 | 2.1 |
| 800 | -3.7 | 7.5 |
| 850 | -5.7 | 6.6 |
| 900 | -4.7 | 8.4 |
| 950 | -2.6 | 11.7 |
| 1000 | -1.7 | 6.0 |
| 1400 | -4.1 | 4.1 |

RES-STACS25-86 PEGASUS 38 STN 31
R/V RESEARCHER JDAY 218 TIME 0817Z
Latitude 13.489 N Longitude 063.554 W



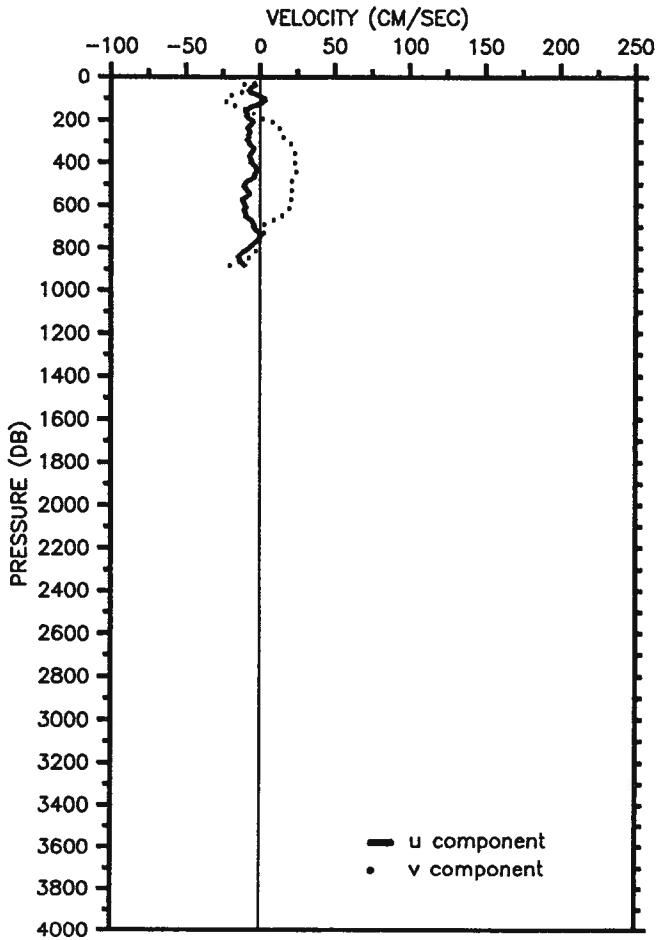

| Prs | U | V |
|---|---|---|
| 20 | 35.2 | 4.3 |
| 30 | 35.3 | -3.2 |
| 40 | 39.9 | -12.4 |
| 50 | 38.4 | -10.7 |
| 60 | 34.4 | -8.3 |
| 70 | 26.3 | -9.8 |
| 80 | 20.1 | -5.7 |
| 90 | 12.3 | -6.9 |
| 100 | 11.9 | -7.7 |
| 110 | 11.4 | -6.1 |
| 120 | 14.4 | -7.1 |
| 130 | 12.2 | -6.6 |
| 140 | 15.7 | -3.0 |
| 150 | 15.5 | -9.4 |
| 160 | 12.7 | -7.8 |
| 170 | 10.7 | -7.5 |
| 180 | 13.7 | -8.2 |
| 190 | 11.3 | -7.7 |
| 200 | 13.4 | -7.2 |
| 250 | 7.7 | -7.8 |
| 300 | 4.6 | 0.3 |
| 350 | 6.0 | 1.2 |
| 400 | 0.7 | -4.2 |
| 450 | -0.5 | 4.6 |
| 500 | 0.3 | 9.4 |
| 550 | -6.0 | 2.4 |
| 600 | -2.6 | 4.4 |
| 650 | -0.9 | 2.1 |
| 700 | -2.3 | 3.1 |
| 750 | -3.9 | 7.4 |
| 800 | -1.5 | -2.8 |
| 850 | -3.4 | 4.2 |
| 900 | -2.1 | 5.3 |
| 950 | -2.7 | 0.8 |
| 1000 | -5.3 | 2.6 |
| 1210 | -6.7 | 0.1 |

RES-STACS25-86 PEGASUS 39 STN 30
R/V RESEARCHER JDAY 218 TIME 2252Z
Latitude 12.494 N Longitude 063.498 W



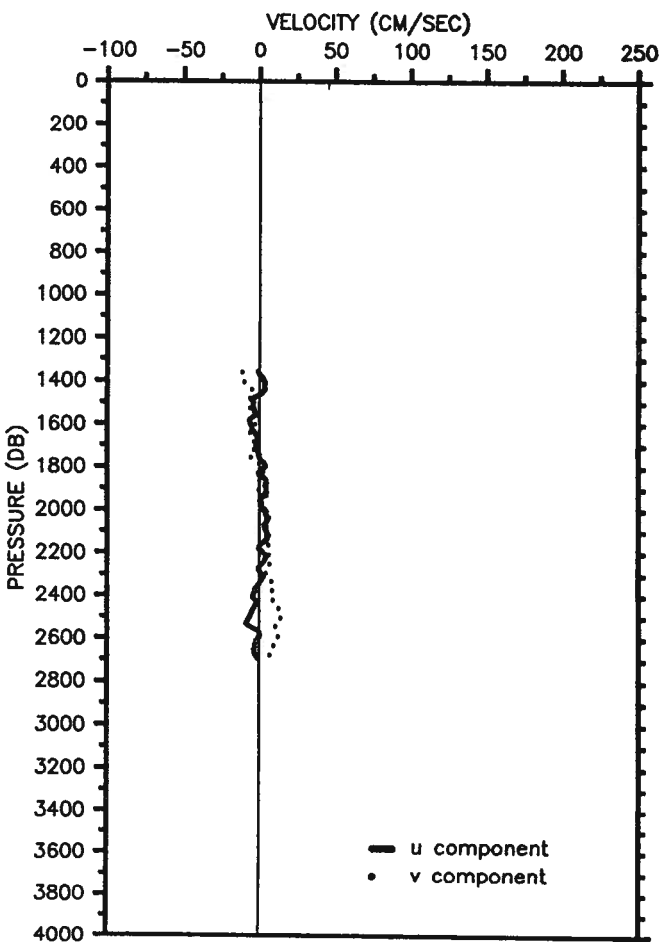

| Prs | U | V |
|---|---|---|
| 20 | -33.8 | 68.1 |
| 30 | -34.0 | 64.1 |
| 40 | -39.4 | 66.4 |
| 50 | -45.3 | 79.8 |
| 60 | -48.5 | 81.2 |
| 70 | -50.7 | 81.1 |
| 80 | -46.5 | 76.1 |
| 90 | -32.7 | 68.5 |
| 100 | -15.0 | 58.3 |
| 110 | -12.0 | 47.7 |
| 120 | -16.1 | 42.3 |
| 130 | -14.0 | 46.2 |
| 140 | -13.9 | 47.2 |
| 150 | -11.2 | 37.3 |
| 160 | -13.3 | 29.8 |
| 170 | -13.7 | 29.4 |
| 180 | -12.1 | 25.2 |
| 190 | -8.4 | 22.9 |
| 200 | -11.0 | 20.2 |
| 250 | -17.0 | -0.6 |
| 300 | -15.4 | -0.4 |
| 350 | -5.3 | -8.5 |
| 400 | -4.9 | -7.4 |
| 450 | -9.3 | -12.6 |
| 500 | -17.0 | -9.0 |
| 550 | -7.7 | -10.1 |
| 600 | 2.4 | -12.4 |
| 650 | 2.8 | -7.8 |
| 700 | 6.5 | -7.1 |
| 750 | 11.1 | -5.8 |
| 800 | 12.9 | -11.3 |
| 850 | 9.2 | -8.9 |
| 900 | 11.1 | -0.9 |
| 950 | 2.8 | -3.2 |
| 1000 | -0.8 | 8.5 |
| 1070 | -11.0 | 13.5 |

RES-STACS26-86 PEGASUS 19 STN 19
R/V RESEARCHER JDAY 299 TIME 0417Z
Latitude 26.546 N Longitude 076.843 W



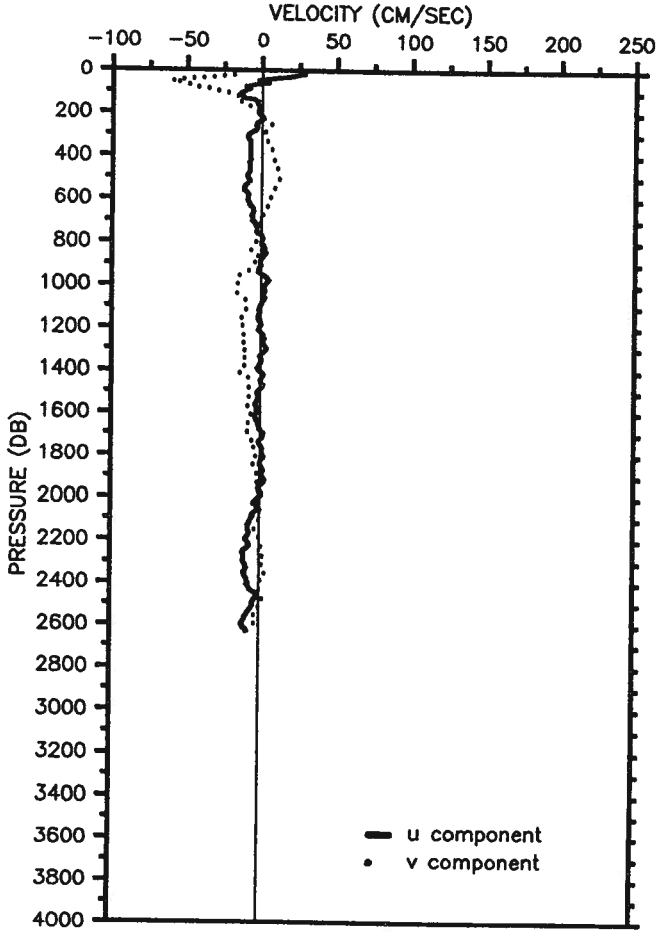

| Prs | U | V |
|---|---|---|
| 30 | -3.8 | -10.7 |
| 40 | -3.4 | -11.5 |
| 50 | -6.1 | -11.4 |
| 60 | -7.2 | -10.5 |
| 70 | -6.6 | -13.0 |
| 80 | -3.4 | -17.0 |
| 90 | 0.0 | -21.5 |
| 100 | 2.6 | -22.2 |
| 110 | 2.7 | -23.3 |
| 120 | 1.0 | -21.7 |
| 130 | -2.4 | -17.5 |
| 140 | -5.9 | -13.0 |
| 150 | -8.3 | -8.5 |
| 160 | -9.4 | -6.1 |
| 170 | -8.9 | -3.6 |
| 180 | -8.9 | -0.9 |
| 190 | -7.9 | 1.8 |
| 200 | -5.5 | 6.0 |
| 250 | -7.2 | 13.9 |
| 300 | -7.9 | 18.7 |
| 350 | -5.5 | 23.2 |
| 400 | -5.8 | 23.2 |
| 450 | -3.4 | 23.4 |
| 500 | -10.2 | 20.1 |
| 550 | -7.7 | 22.1 |
| 600 | -10.1 | 21.0 |
| 650 | -9.6 | 14.0 |
| 700 | -4.5 | 1.2 |
| 750 | -0.6 | 1.8 |
| 800 | -7.6 | -2.2 |
| 850 | -14.0 | -9.7 |
| 880 | -10.5 | -20.8 |

RES-STACS26-86 PEGASUS 20 STN 18
R/V RESEARCHER JDAY 299 TIME 0633Z
Latitude 26.528 N Longitude 076.738 W



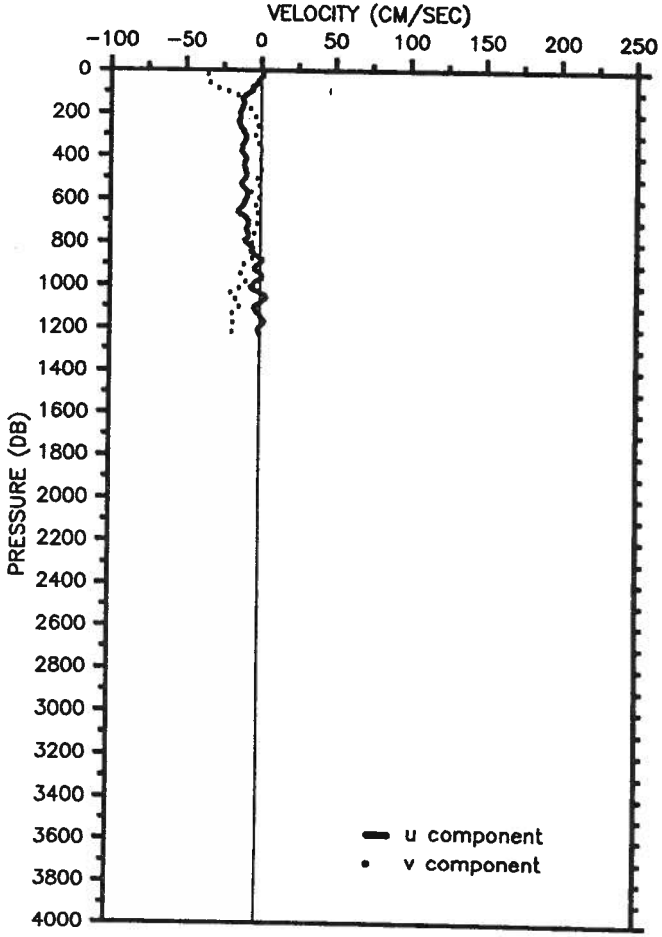

| Prs | U | V |
|---|---|---|
| 1500 | -4.2 | -5.8 |
| 2000 | 3.4 | 2.1 |
| 2500 | -6.4 | 14.2 |
| 2690 | -0.9 | 5.3 |

RES-STACS26-86 PEGASUS 21 STN 18
R/V RESEARCHER JDAY 299 TIME 2121Z
Latitude 26.524 N Longitude 076.736 W



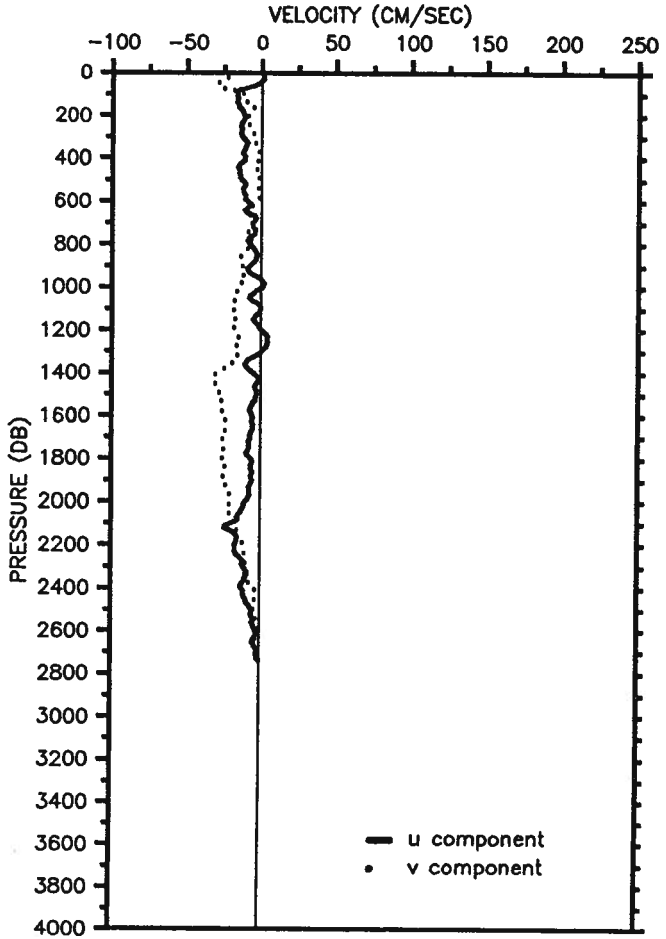

| Prs | U | V |
|---|---|---|
| 20 | 27.7 | -18.5 |
| 30 | 19.7 | -33.4 |
| 40 | 8.5 | -49.1 |
| 50 | -2.2 | -60.8 |
| 60 | 4.1 | -49.9 |
| 70 | -5.0 | -48.2 |
| 80 | -10.6 | -43.0 |
| 90 | -8.7 | -32.8 |
| 100 | -11.5 | -24.1 |
| 110 | -13.9 | -20.2 |
| 120 | -14.1 | -15.7 |
| 130 | -11.3 | -14.7 |
| 140 | -5.2 | -16.5 |
| 150 | -2.9 | -12.1 |
| 160 | -3.0 | -9.4 |
| 170 | -2.2 | -7.2 |
| 180 | -2.0 | -4.9 |
| 190 | -2.2 | -3.9 |
| 200 | -2.4 | -1.3 |
| 250 | -3.3 | 6.1 |
| 300 | -8.4 | 2.4 |
| 350 | -7.5 | 6.7 |
| 400 | -7.7 | 7.4 |
| 450 | -8.1 | 10.1 |
| 500 | -9.4 | 11.3 |
| 550 | -11.6 | 8.8 |
| 600 | -8.8 | 6.8 |
| 650 | -5.7 | 3.8 |
| 700 | -5.8 | 0.6 |
| 750 | -3.0 | -2.2 |
| 800 | 0.5 | -3.3 |
| 850 | 2.9 | -5.5 |
| 900 | -0.3 | -5.0 |
| 950 | -0.1 | -13.7 |
| 1000 | 3.0 | -14.9 |
| 1500 | -1.8 | -6.9 |
| 2000 | -0.6 | 0.0 |
| 2500 | -4.7 | -1.1 |
| 2630 | -8.6 | -2.5 |

RES-STACS26-86 PEGASUS 22 STN 17
R/V RESEARCHER JDAY 300 TIME 0130Z
Latitude 26.580 N Longitude 076.626 W



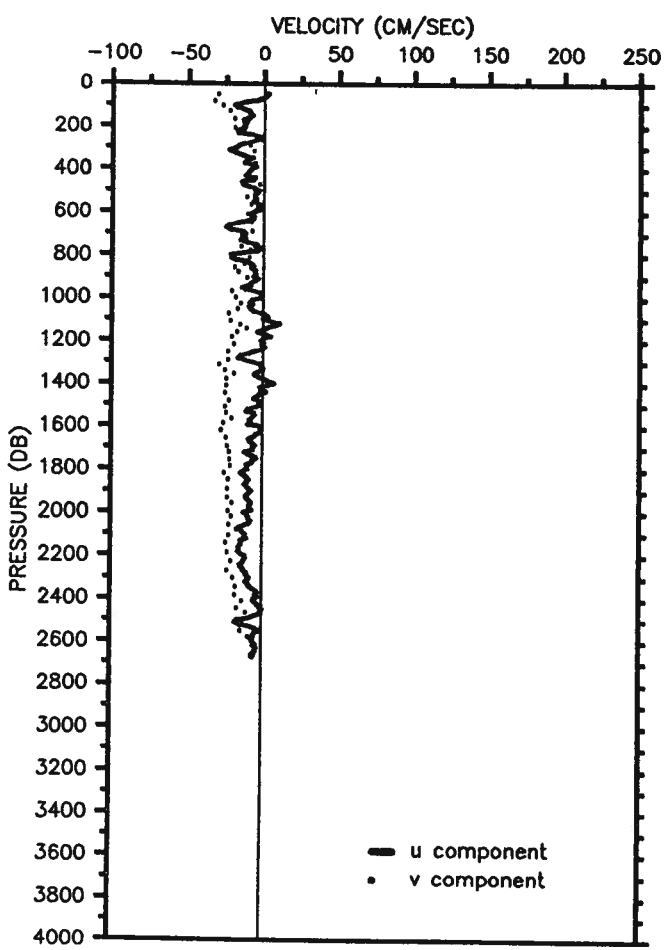

| Prs | U | V |
|---|---|---|
| 20 | 1.4 | -35.5 |
| 30 | 0.8 | -36.6 |
| 40 | -0.8 | -35.9 |
| 50 | -1.8 | -35.0 |
| 60 | -2.5 | -34.1 |
| 70 | -3.8 | -32.0 |
| 80 | -5.4 | -29.0 |
| 90 | -5.7 | -25.3 |
| 100 | -6.2 | -21.6 |
| 110 | -8.1 | -18.0 |
| 120 | -10.5 | -14.5 |
| 130 | -12.1 | -12.4 |
| 140 | -12.3 | -11.6 |
| 150 | -11.8 | -12.1 |
| 160 | -11.7 | -11.1 |
| 170 | -12.0 | -9.2 |
| 180 | -12.6 | -7.2 |
| 190 | -13.3 | -5.0 |
| 200 | -13.6 | -4.7 |
| 250 | -14.4 | -1.0 |
| 300 | -10.5 | -3.8 |
| 350 | -12.0 | 1.4 |
| 400 | -10.8 | -0.1 |
| 450 | -10.9 | 0.3 |
| 500 | -9.9 | -2.2 |
| 550 | -10.8 | -3.1 |
| 600 | -9.6 | 0.2 |
| 650 | -14.4 | -3.7 |
| 700 | -8.5 | -2.7 |
| 750 | -8.9 | -3.8 |
| 800 | -9.5 | -5.3 |
| 850 | -5.1 | -5.5 |
| 900 | -0.1 | -10.7 |
| 950 | 0.5 | -12.9 |
| 1000 | -5.0 | -10.1 |
| 1230 | -0.2 | -19.6 |

RES-STACS26-86 PEGASUS 23 STN 17
R/V RESEARCHER JDAY 300 TIME 1605Z
Latitude 26.582 N Longitude 076.621 W



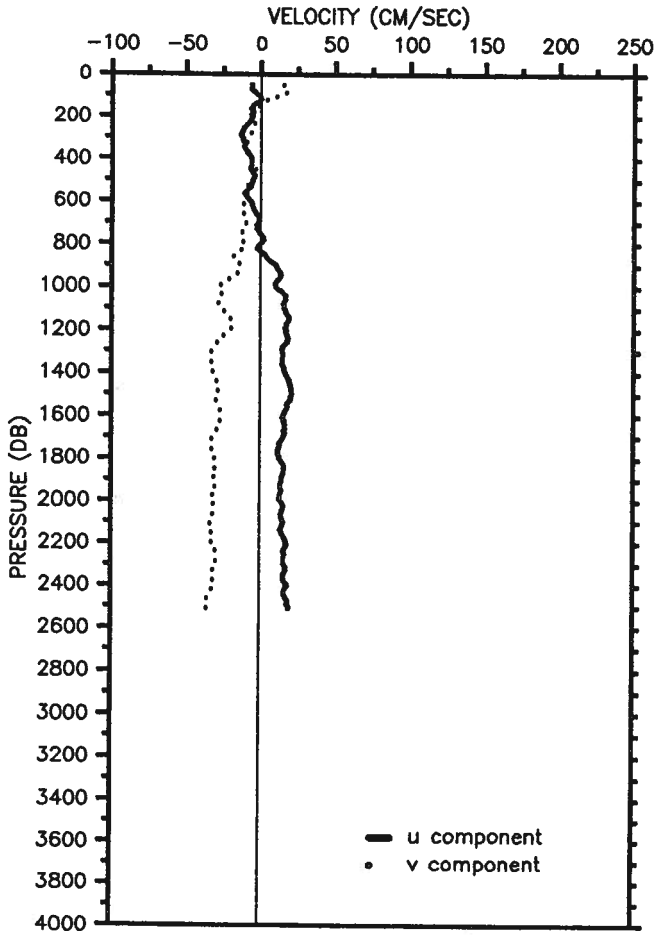

| Prs | U | V |
|---|---|---|
| 20 | 1.4 | -22.8 |
| 30 | 1.1 | -26.8 |
| 40 | -0.4 | -28.1 |
| 50 | -1.8 | -29.6 |
| 60 | -5.0 | -28.7 |
| 70 | -10.3 | -25.0 |
| 80 | -14.9 | -18.9 |
| 90 | -17.2 | -13.4 |
| 100 | -16.7 | -12.3 |
| 110 | -16.4 | -12.7 |
| 120 | -16.3 | -12.4 |
| 130 | -16.5 | -10.9 |
| 140 | -16.6 | -8.2 |
| 150 | -15.9 | -5.8 |
| 160 | -15.4 | -5.5 |
| 170 | -14.2 | -6.2 |
| 180 | -13.1 | -7.3 |
| 190 | -12.4 | -9.0 |
| 200 | -12.0 | -9.8 |
| 250 | -14.1 | -7.9 |
| 300 | -12.6 | -3.9 |
| 350 | -11.0 | -3.4 |
| 400 | -11.3 | -1.2 |
| 450 | -15.3 | -2.9 |
| 500 | -13.2 | -1.3 |
| 550 | -12.3 | -2.6 |
| 600 | -9.2 | -4.9 |
| 650 | -10.0 | -7.1 |
| 700 | -5.9 | -5.9 |
| 750 | -4.7 | -8.0 |
| 800 | -7.7 | -8.9 |
| 850 | -3.1 | -13.6 |
| 900 | -8.2 | -12.9 |
| 950 | -3.1 | -10.7 |
| 1000 | 0.7 | -16.0 |
| 1500 | -3.0 | -26.3 |
| 2000 | -10.3 | -20.3 |
| 2500 | -5.6 | -3.9 |
| 2740 | -0.5 | -2.7 |

RES-STACS26-86 PEGASUS 24 STN 16
R/V RESEARCHER JDAY 301 TIME 0635Z
Latitude 26.534 N Longitude 076.517 W



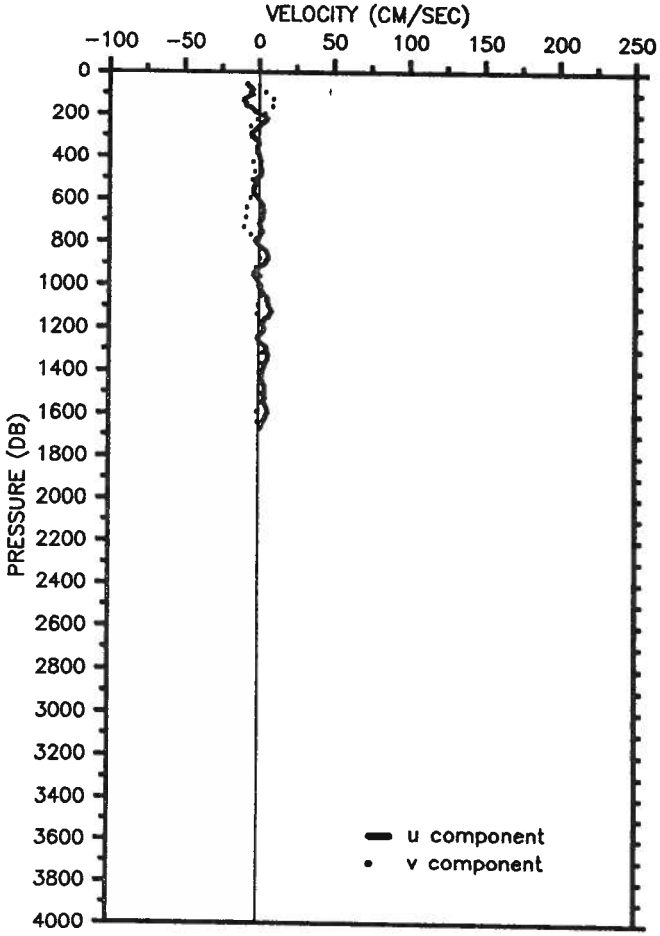

| Prs | U | V |
|---|---|---|
| 50 | 2.5 | -30.5 |
| 60 | 1.0 | -28.9 |
| 70 | -0.8 | -30.2 |
| 80 | -4.3 | -33.4 |
| 90 | -12.8 | -30.3 |
| 100 | -19.5 | -27.5 |
| 110 | -18.0 | -23.4 |
| 120 | -13.6 | -22.4 |
| 130 | -9.8 | -23.0 |
| 140 | -9.3 | -22.0 |
| 150 | -7.8 | -21.9 |
| 160 | -9.6 | -19.9 |
| 170 | -13.2 | -15.3 |
| 180 | -11.5 | -13.7 |
| 190 | -12.4 | -14.7 |
| 200 | -13.1 | -17.6 |
| 250 | -1.6 | -4.7 |
| 300 | -18.1 | -7.9 |
| 350 | -7.3 | -11.3 |
| 400 | -7.4 | -7.9 |
| 450 | -7.2 | -5.6 |
| 500 | -3.3 | -6.9 |
| 550 | -6.4 | -11.2 |
| 600 | -8.2 | -10.0 |
| 650 | -17.5 | -7.6 |
| 700 | -12.3 | -12.2 |
| 750 | -4.4 | -15.3 |
| 800 | -21.5 | -10.9 |
| 850 | -6.6 | -18.4 |
| 900 | -6.1 | -10.5 |
| 950 | -12.6 | -14.5 |
| 1000 | -1.4 | -17.1 |
| 1500 | -1.2 | -23.3 |
| 2000 | -11.7 | -18.3 |
| 2500 | -16.0 | -9.2 |
| 2670 | -5.6 | -6.5 |

RES-STACS26-86 PEGASUS 25 STN 34
R/V RESEARCHER JDAY 301 TIME 1032Z
Latitude 26.483 N Longitude 076.130 W



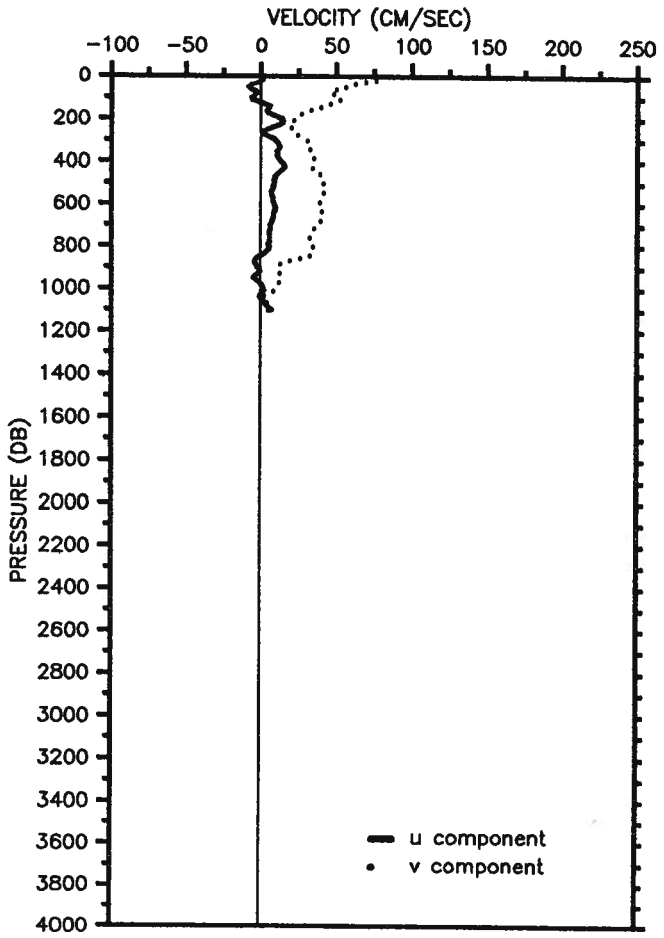

| Prs | U | V |
|---|---|---|
| 50 | -6.4 | 15.2 |
| 60 | -6.3 | 15.1 |
| 70 | -6.3 | 16.3 |
| 80 | -5.2 | 17.9 |
| 90 | -3.3 | 16.3 |
| 100 | -1.8 | 11.9 |
| 110 | -0.7 | 7.1 |
| 120 | -0.2 | 4.3 |
| 130 | -1.6 | 2.4 |
| 140 | -3.7 | 0.6 |
| 150 | -5.4 | -1.4 |
| 160 | -6.4 | -3.3 |
| 170 | -5.9 | -4.4 |
| 180 | -5.7 | -5.1 |
| 190 | -6.3 | -5.2 |
| 200 | -6.1 | -4.2 |
| 250 | -11.0 | -4.7 |
| 300 | -12.3 | -9.3 |
| 350 | -10.5 | -9.2 |
| 400 | -6.6 | -7.0 |
| 450 | -6.9 | -3.3 |
| 500 | -5.5 | -7.6 |
| 550 | -9.6 | -7.9 |
| 600 | -6.8 | -11.5 |
| 650 | -4.1 | -11.6 |
| 700 | -1.7 | -9.8 |
| 750 | -0.5 | -12.5 |
| 800 | -0.3 | -10.1 |
| 850 | 2.9 | -17.9 |
| 900 | 10.3 | -13.2 |
| 950 | 13.6 | -18.2 |
| 1000 | 10.7 | -27.4 |
| 1500 | 21.0 | -28.0 |
| 2000 | 13.8 | -30.3 |
| 2500 | 19.2 | -35.3 |
| 2510 | 19.4 | -35.8 |

RES-STACS26-86 PEGASUS 27 STN 23
R/V RESEARCHER JDAY 307 TIME 0514Z
Latitude 18.677 N Longitude 066.118 W



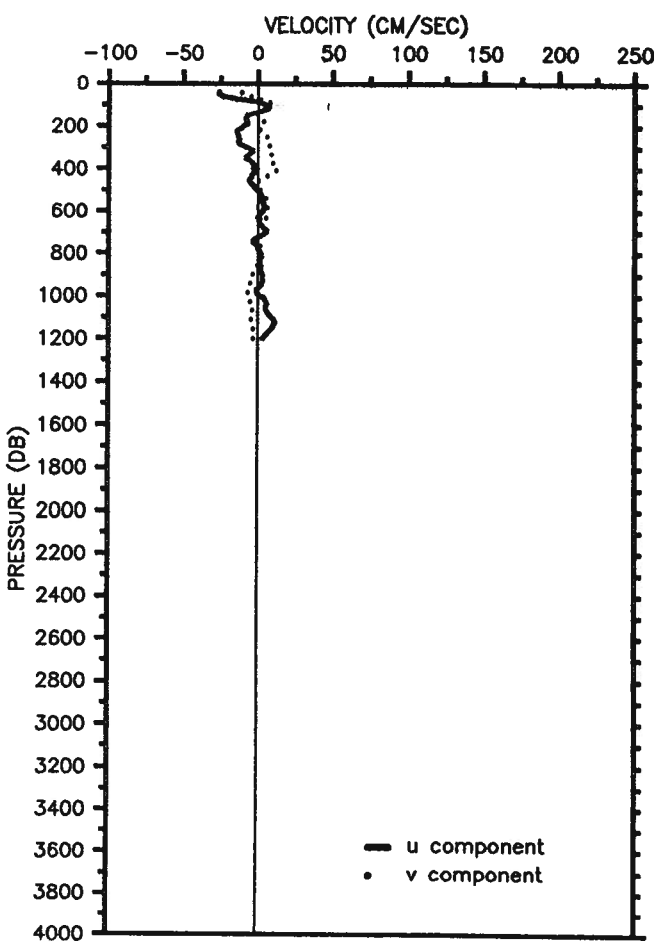

| Prs | U | V |
|---|---|---|
| 60 | -7.9 | 0.1 |
| 70 | -6.7 | 0.1 |
| 80 | -5.4 | 1.7 |
| 90 | -4.7 | 3.5 |
| 100 | -5.5 | 5.3 |
| 110 | -4.6 | 6.5 |
| 120 | -6.6 | 8.2 |
| 130 | -9.6 | 10.1 |
| 140 | -10.1 | 11.1 |
| 150 | -9.1 | 11.0 |
| 160 | -8.8 | 10.1 |
| 170 | -5.8 | 8.2 |
| 180 | -4.0 | 5.9 |
| 190 | -2.8 | 4.6 |
| 200 | 0.0 | 2.9 |
| 250 | 0.8 | -5.6 |
| 300 | -5.0 | -5.8 |
| 350 | -0.5 | 0.0 |
| 400 | 0.2 | -3.5 |
| 450 | 1.2 | -2.6 |
| 500 | -0.2 | -5.4 |
| 550 | -3.1 | -2.8 |
| 600 | -0.3 | -6.1 |
| 650 | 3.1 | -8.6 |
| 700 | 1.8 | -9.6 |
| 750 | 2.1 | -8.3 |
| 800 | -2.0 | 1.7 |
| 850 | 5.3 | -0.2 |
| 900 | 4.3 | -0.1 |
| 950 | -3.2 | 0.2 |
| 1000 | 0.2 | 2.3 |
| 1500 | 4.8 | 0.9 |
| 1670 | 1.3 | 0.8 |

RES-STACS26-86 PEGASUS 28 STN 30
R/V RESEARCHER JDAY 315 TIME 1220Z
Latitude 12.500 N Longitude 063.492 W



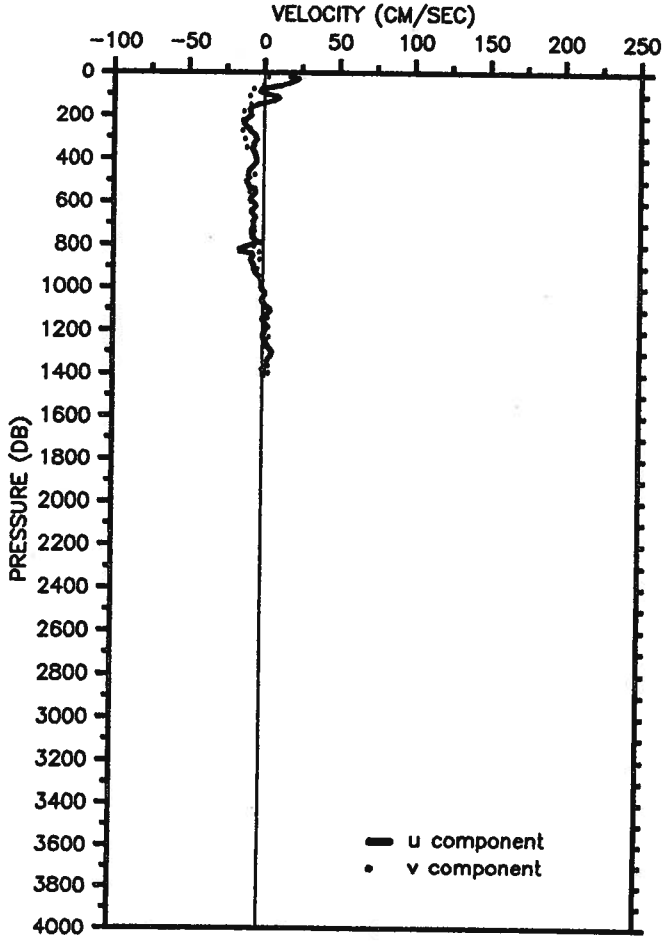

| Prs | U | V |
|---|---|---|
| 20 | 0.9 | 76.1 |
| 30 | -1.7 | 64.9 |
| 40 | -6.6 | 58.7 |
| 50 | -8.1 | 55.7 |
| 60 | -6.5 | 49.8 |
| 70 | -3.5 | 46.0 |
| 80 | -2.8 | 47.4 |
| 90 | -4.4 | 50.6 |
| 100 | -6.0 | 53.0 |
| 110 | -5.1 | 52.8 |
| 120 | -1.6 | 49.5 |
| 130 | 2.7 | 45.0 |
| 140 | 5.8 | 40.7 |
| 150 | 5.6 | 36.4 |
| 160 | 4.0 | 32.2 |
| 170 | 4.5 | 29.1 |
| 180 | 7.2 | 26.0 |
| 190 | 10.9 | 24.5 |
| 200 | 13.8 | 23.4 |
| 250 | 4.3 | 21.9 |
| 300 | 9.7 | 30.9 |
| 350 | 11.1 | 33.1 |
| 400 | 13.2 | 34.9 |
| 450 | 12.5 | 37.1 |
| 500 | 8.8 | 41.5 |
| 550 | 7.2 | 41.6 |
| 600 | 8.7 | 38.9 |
| 650 | 8.5 | 41.3 |
| 700 | 6.2 | 37.1 |
| 750 | 5.8 | 32.7 |
| 800 | 5.5 | 34.4 |
| 850 | -1.4 | 29.8 |
| 900 | -2.5 | 11.5 |
| 950 | -4.6 | 13.2 |
| 1000 | 1.7 | 9.8 |
| 1100 | 7.0 | 4.5 |

RES-STACS26-86 PEGASUS 29 STN 31
R/V RESEARCHER JDAY 315 TIME 2030Z
Latitude 13.499 N Longitude 063.554 W



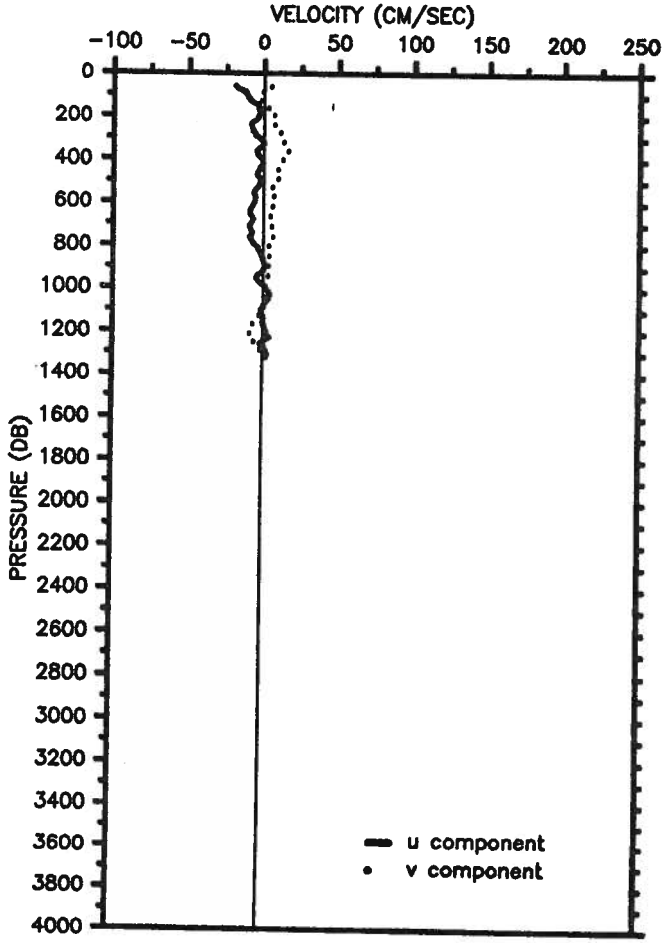

| Prs | U | V |
|---|---|---|
| 40 | -26.1 | -10.8 |
| 50 | -26.2 | -7.1 |
| 60 | -22.7 | -3.7 |
| 70 | -15.0 | 0.4 |
| 80 | -6.6 | 4.6 |
| 90 | 0.8 | 8.0 |
| 100 | 5.2 | 8.6 |
| 110 | 7.2 | 7.8 |
| 120 | 6.4 | 5.3 |
| 130 | 2.5 | 1.8 |
| 140 | -2.5 | -0.5 |
| 150 | -7.1 | 0.4 |
| 160 | -7.8 | 3.1 |
| 170 | -7.8 | 4.5 |
| 180 | -7.3 | 3.8 |
| 190 | -7.4 | 1.7 |
| 200 | -9.4 | 1.0 |
| 250 | -13.0 | 6.6 |
| 300 | -6.6 | 8.4 |
| 350 | -7.3 | 7.8 |
| 400 | -2.8 | 13.4 |
| 450 | -5.3 | 1.4 |
| 500 | -0.2 | 2.3 |
| 550 | 2.3 | 6.2 |
| 600 | 3.4 | 6.5 |
| 650 | 0.8 | 4.5 |
| 700 | 5.5 | 2.2 |
| 750 | -2.6 | 1.0 |
| 800 | 1.9 | 1.0 |
| 850 | 1.6 | -0.2 |
| 900 | 3.1 | -3.8 |
| 950 | 2.1 | -6.6 |
| 1000 | 1.5 | -6.7 |
| 1200 | 3.7 | -3.2 |

RES-STACS26-86 PEGASUS 30 STN 32
R/V RESEARCHER JDAY 316 TIME 0958Z
Latitude 15.007 N Longitude 063.543 W



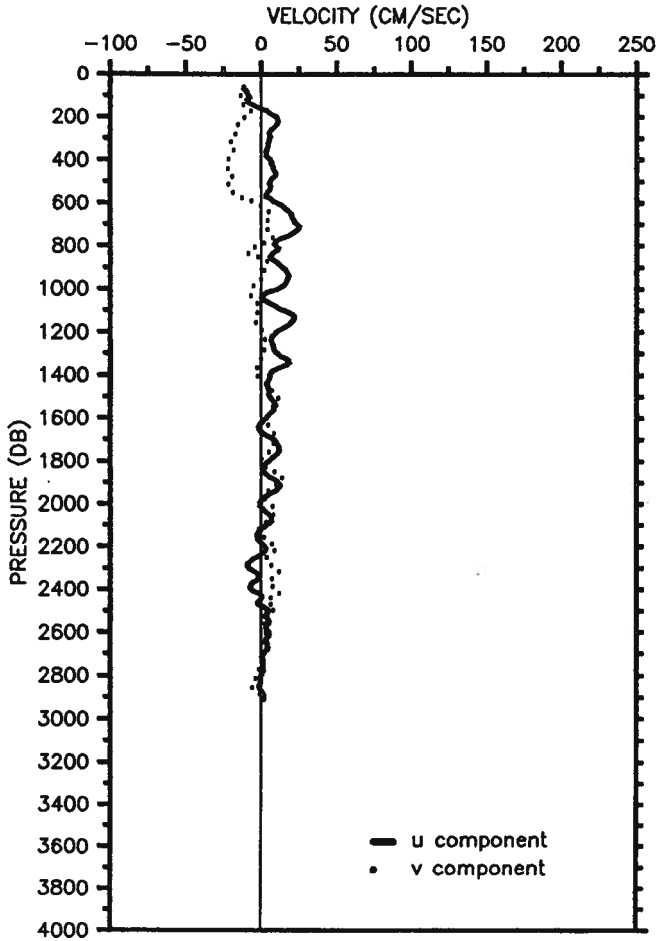

| Prs | U | V |
|---|---|---|
| 20 | 17.4 | 2.6 |
| 30 | 21.9 | 1.3 |
| 40 | 19.9 | 1.8 |
| 50 | 16.7 | 0.4 |
| 60 | 10.9 | -2.1 |
| 70 | 3.7 | -5.6 |
| 80 | -2.0 | -9.0 |
| 90 | -2.6 | -10.8 |
| 100 | 2.1 | -10.8 |
| 110 | 7.6 | -9.6 |
| 120 | 9.1 | -8.0 |
| 130 | 6.7 | -8.2 |
| 140 | 1.6 | -8.7 |
| 150 | -3.9 | -9.3 |
| 160 | -7.8 | -10.9 |
| 170 | -9.6 | -11.7 |
| 180 | -9.6 | -13.8 |
| 190 | -9.1 | -15.5 |
| 200 | -9.0 | -15.8 |
| 250 | -11.9 | -14.7 |
| 300 | -5.5 | -12.6 |
| 350 | -7.5 | -9.8 |
| 400 | -5.1 | -8.3 |
| 450 | -9.3 | -8.5 |
| 500 | -10.9 | -8.8 |
| 550 | -6.0 | -9.2 |
| 600 | -7.4 | -8.6 |
| 650 | -7.9 | -7.5 |
| 700 | -6.9 | -6.9 |
| 750 | -7.5 | -5.8 |
| 800 | -7.2 | -7.4 |
| 850 | -7.4 | -4.2 |
| 900 | -6.3 | -3.4 |
| 950 | -2.7 | -2.8 |
| 1000 | -1.3 | -1.3 |
| 1410 | 0.5 | 5.8 |

RES-STACS26-86 PEGASUS 31 STN 33
R/V RESEARCHER JDAY 316 TIME 2223Z
Latitude 16.483 N Longitude 063.537 W



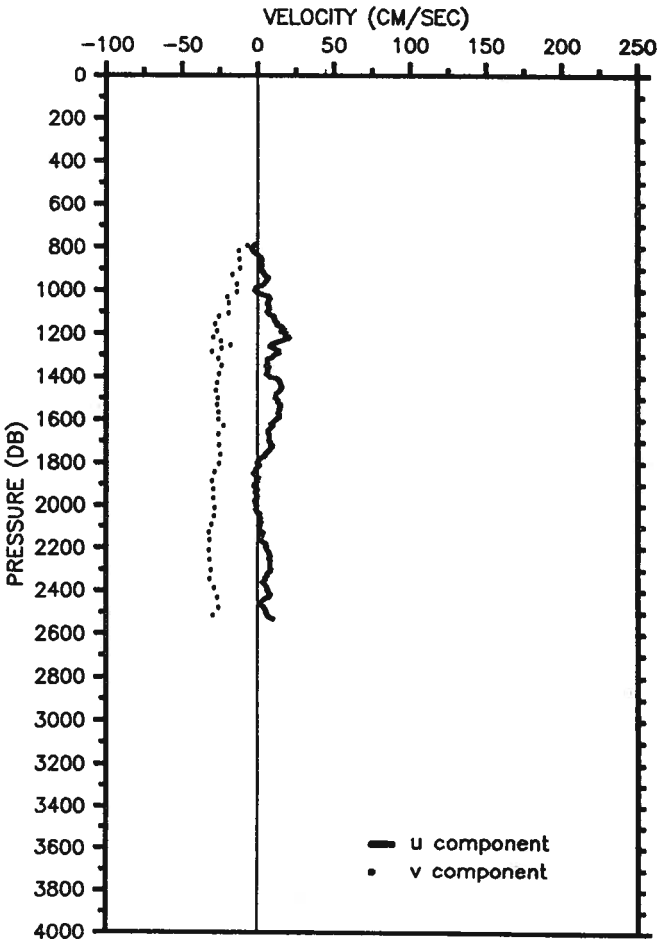

| Prs | U | V |
|---|---|---|
| 60 | -19.0 | 5.3 |
| 70 | -17.6 | 3.8 |
| 80 | -15.0 | 1.2 |
| 90 | -12.7 | -1.1 |
| 100 | -11.6 | -2.4 |
| 110 | -10.9 | -2.9 |
| 120 | -10.1 | -2.3 |
| 130 | -8.6 | -1.4 |
| 140 | -6.4 | -0.2 |
| 150 | -4.1 | 1.3 |
| 160 | -3.2 | 3.3 |
| 170 | -3.1 | 5.3 |
| 180 | -2.9 | 6.6 |
| 190 | -2.9 | 7.2 |
| 200 | -3.5 | 7.1 |
| 250 | -7.9 | 8.7 |
| 300 | -3.4 | 13.1 |
| 350 | -3.2 | 16.3 |
| 400 | -1.2 | 13.7 |
| 450 | -3.0 | 10.3 |
| 500 | -2.4 | 10.1 |
| 550 | -5.7 | 5.5 |
| 600 | -5.7 | 7.4 |
| 650 | -8.8 | 5.4 |
| 700 | -8.5 | 5.6 |
| 750 | -7.7 | 7.1 |
| 800 | -4.9 | 4.4 |
| 850 | -1.0 | 4.9 |
| 900 | 1.0 | 3.8 |
| 950 | -3.9 | 3.2 |
| 1000 | 1.4 | 2.5 |
| 1320 | 2.2 | -2.3 |

RES-STACS26-86 PEGASUS 32 STN 21
R/V RESEARCHER JDAY 319 TIME 0353Z
Latitude 20.336 N Longitude 072.981 W




| Prs | U | V |
|---|---|---|
| 60 | -11.7 | -11.7 |
| 70 | -11.4 | -12.8 |
| 80 | -9.9 | -13.9 |
| 90 | -9.5 | -15.0 |
| 100 | -8.5 | -13.4 |
| 110 | -7.7 | -12.1 |
| 120 | -9.3 | -12.5 |
| 130 | -8.5 | -12.5 |
| 140 | -6.5 | -12.1 |
| 150 | -4.0 | -11.3 |
| 160 | -0.5 | -8.2 |
| 170 | 3.1 | -6.7 |
| 180 | 5.2 | -7.0 |
| 190 | 7.6 | -8.8 |
| 200 | 9.5 | -10.8 |
| 250 | 7.7 | -14.8 |
| 300 | 5.4 | -20.6 |
| 350 | 3.6 | -18.1 |
| 400 | 5.8 | -21.6 |
| 450 | 8.5 | -20.9 |
| 500 | 6.0 | -22.5 |
| 550 | 4.0 | -18.7 |
| 600 | 10.4 | -1.8 |
| 650 | 19.7 | 6.1 |
| 700 | 24.0 | 3.5 |
| 750 | 18.9 | 7.1 |
| 800 | 9.6 | -4.0 |
| 850 | 6.0 | -1.2 |
| 900 | 14.5 | 1.9 |
| 950 | 17.5 | 0.3 |
| 1000 | 11.4 | -6.5 |
| 1500 | 5.7 | 11.2 |
| 2000 | -0.7 | 6.7 |
| 2500 | 4.8 | 6.0 |
| 2910 | 1.7 | 1.4 |

RES-STACS26-86 PEGASUS 39 STN 16
R/V RESEARCHER JDAY 323 TIME 0107Z
Latitude 26.535 N Longitude 076.516 W

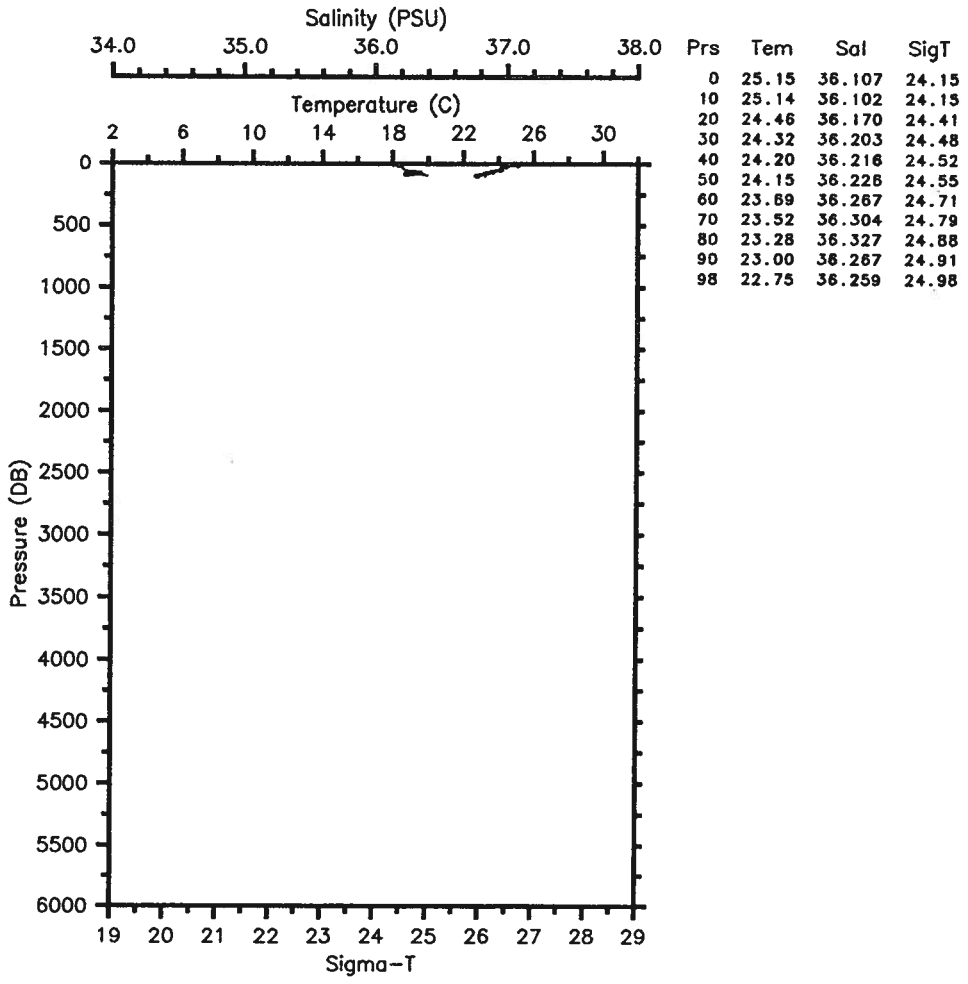



| Prs | U | V |
|---|---|---|
| 800 | -3.2 | -9.5 |
| 850 | 2.1 | -12.5 |
| 900 | 2.6 | -13.1 |
| 950 | 6.5 | -15.9 |
| 1000 | -1.4 | -12.9 |
| 1500 | 12.1 | -27.0 |
| 2000 | -0.7 | -28.2 |
| 2500 | 5.5 | -27.8 |
| 2530 | 9.8 | -30.4 |

## APPENDIX B: CTD DATA

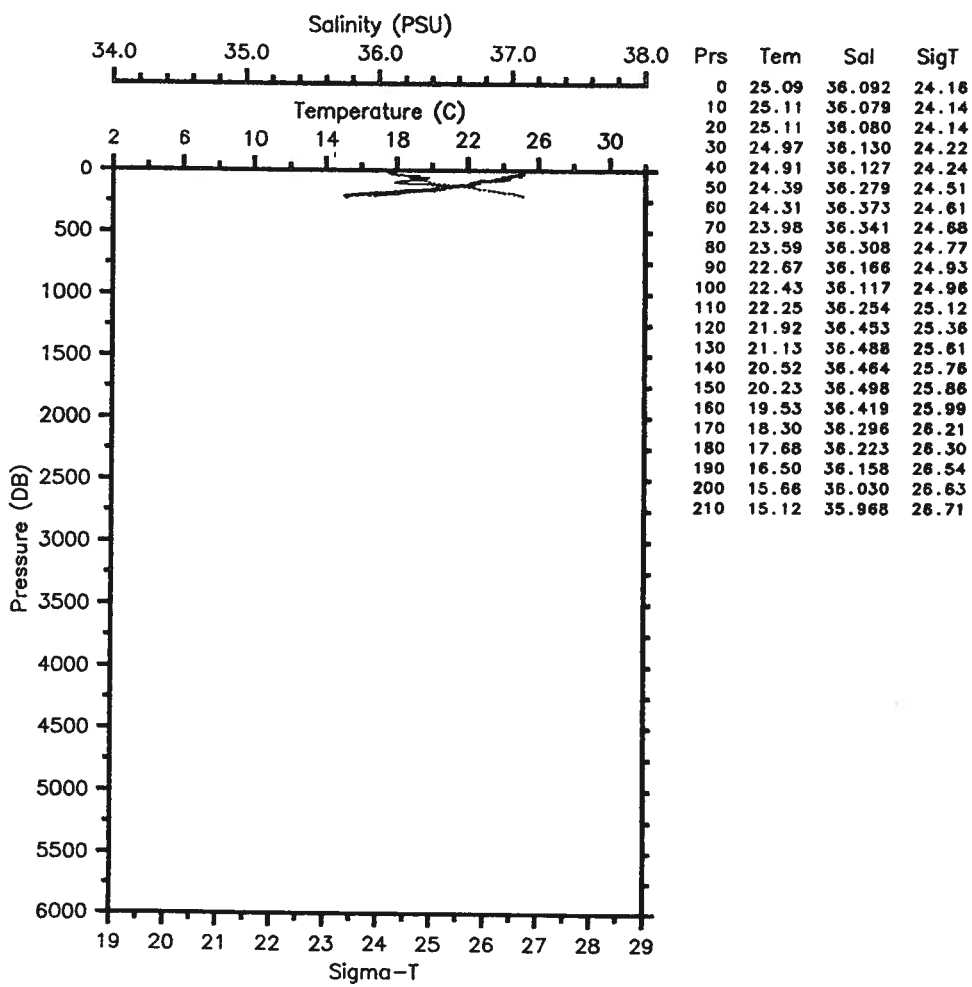
Casts are presented by cruise and increasing cast number. Julian day and time, cruise number and vessel, and position are given at the top of each plot. Temperature (T), salinity (S) and sigma-t (ST) profiles are shown for each cast.

RES-STACS23-86 CTD 1 RESEARCHER
Date 01 13 86 Latitude 27.007 N
Time 2049 Z Longitude 79.934 W



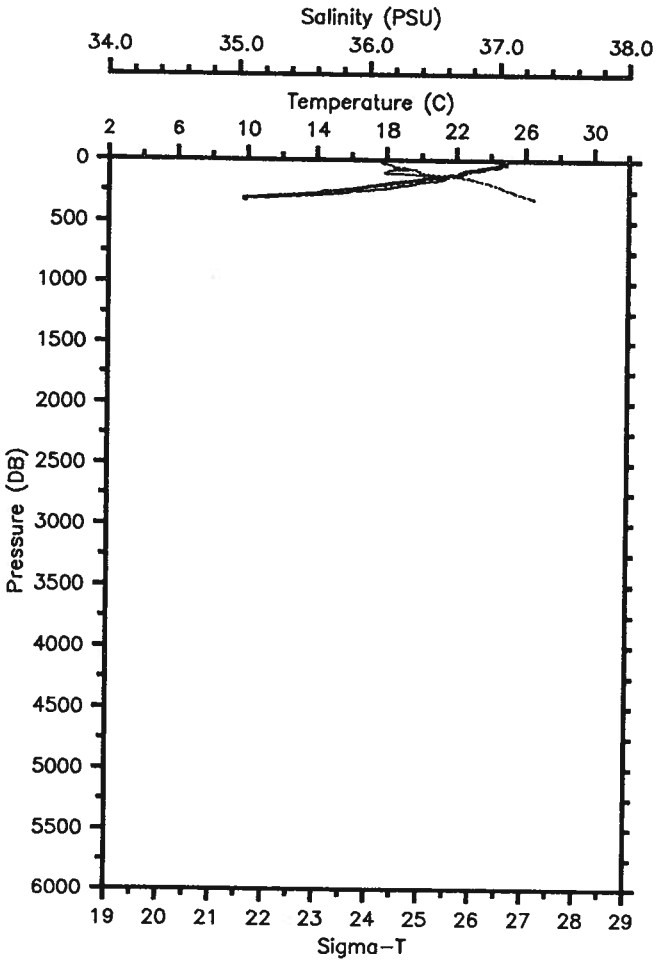

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.15 | 36.107 | 24.15 |
| 10 | 25.14 | 36.102 | 24.15 |
| 20 | 24.46 | 36.170 | 24.41 |
| 30 | 24.32 | 36.203 | 24.48 |
| 40 | 24.20 | 36.216 | 24.52 |
| 50 | 24.15 | 36.226 | 24.55 |
| 60 | 23.69 | 36.267 | 24.71 |
| 70 | 23.52 | 36.304 | 24.79 |
| 80 | 23.28 | 36.327 | 24.88 |
| 90 | 23.00 | 36.267 | 24.91 |
| 98 | 22.75 | 36.259 | 24.98 |

RES-STACS23-86 CTD 2 RESEARCHER
Date 01 13 86 Latitude 27.006 N
Time 2158 Z Longitude 79.869 W



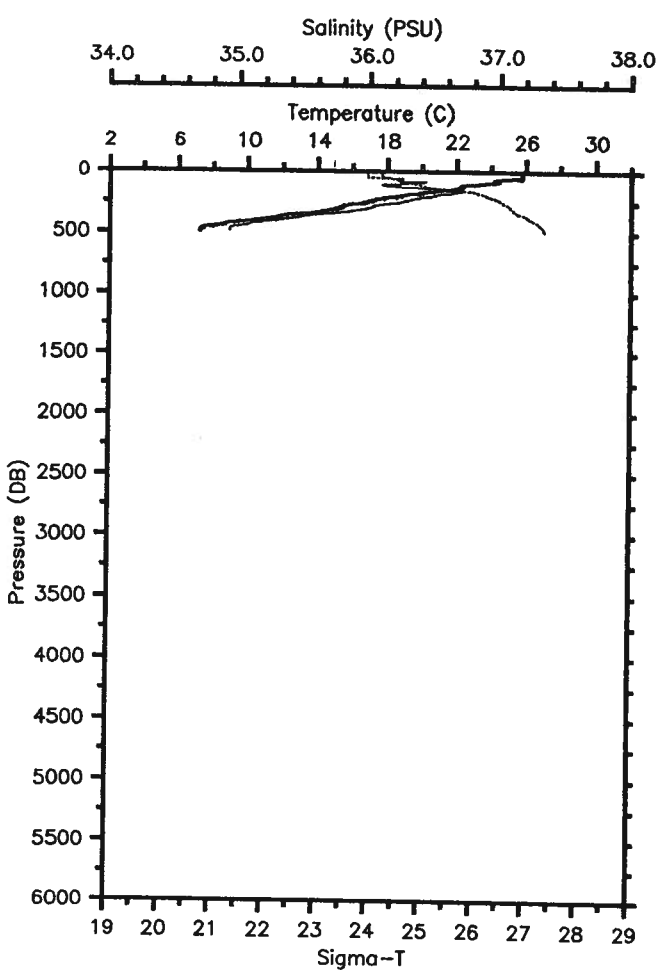

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.09 | 36.092 | 24.16 |
| 10 | 25.11 | 36.079 | 24.14 |
| 20 | 25.11 | 36.080 | 24.14 |
| 30 | 24.97 | 36.130 | 24.22 |
| 40 | 24.91 | 36.127 | 24.24 |
| 50 | 24.39 | 36.279 | 24.51 |
| 60 | 24.31 | 36.373 | 24.61 |
| 70 | 23.98 | 36.341 | 24.68 |
| 80 | 23.59 | 36.308 | 24.77 |
| 90 | 22.67 | 36.166 | 24.93 |
| 100 | 22.43 | 36.117 | 24.96 |
| 110 | 22.25 | 36.254 | 25.12 |
| 120 | 21.92 | 36.453 | 25.36 |
| 130 | 21.13 | 36.488 | 25.61 |
| 140 | 20.52 | 36.464 | 25.76 |
| 150 | 20.23 | 36.498 | 25.86 |
| 160 | 19.53 | 36.419 | 25.99 |
| 170 | 18.30 | 36.296 | 26.21 |
| 180 | 17.68 | 36.223 | 26.30 |
| 190 | 16.50 | 36.158 | 26.54 |
| 200 | 15.66 | 36.030 | 26.63 |
| 210 | 15.12 | 35.968 | 26.71 |

RES-STACS23-86 CTD 3 RESEARCHER
Date 01 14 86 Latitude 27.023 N
Time 0121 Z Longitude 79.787 W



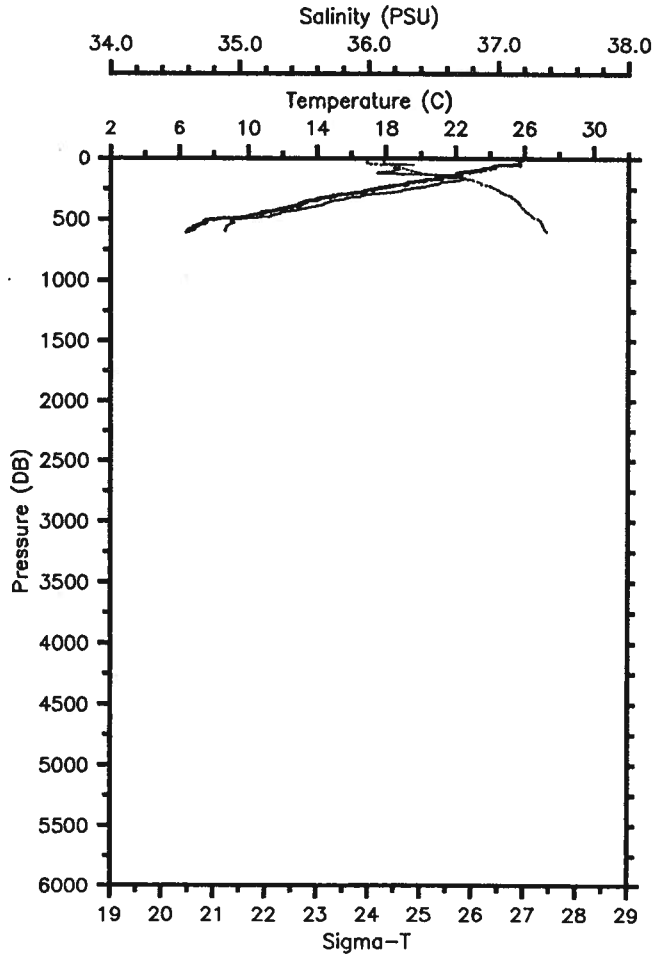

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 24.86 | 36.094 | 24.23 |
| 10 | 24.89 | 36.090 | 24.22 |
| 20 | 24.89 | 36.091 | 24.22 |
| 30 | 24.81 | 36.112 | 24.26 |
| 40 | 24.50 | 36.165 | 24.39 |
| 50 | 24.32 | 36.182 | 24.46 |
| 60 | 23.78 | 36.209 | 24.64 |
| 70 | 23.37 | 36.181 | 24.74 |
| 80 | 23.07 | 36.237 | 24.87 |
| 90 | 22.55 | 36.145 | 24.95 |
| 100 | 22.40 | 36.119 | 24.97 |
| 110 | 22.20 | 36.148 | 25.05 |
| 120 | 22.11 | 36.382 | 25.26 |
| 130 | 21.45 | 36.528 | 25.55 |
| 140 | 21.07 | 36.583 | 25.70 |
| 150 | 20.20 | 36.570 | 25.92 |
| 160 | 19.87 | 36.574 | 26.01 |
| 170 | 19.39 | 36.516 | 26.09 |
| 180 | 18.83 | 36.436 | 26.18 |
| 190 | 18.24 | 36.376 | 26.28 |
| 200 | 17.81 | 36.326 | 26.35 |
| 250 | 15.34 | 35.996 | 26.68 |
| 300 | 11.22 | 35.411 | 27.07 |
| 320 | 9.82 | 35.217 | 27.17 |

RES-STACS23-86 CTD 4 RESEARCHER
Date 01 14 86 Latitude 27.007 N
Time 0333 Z Longitude 79.688 W



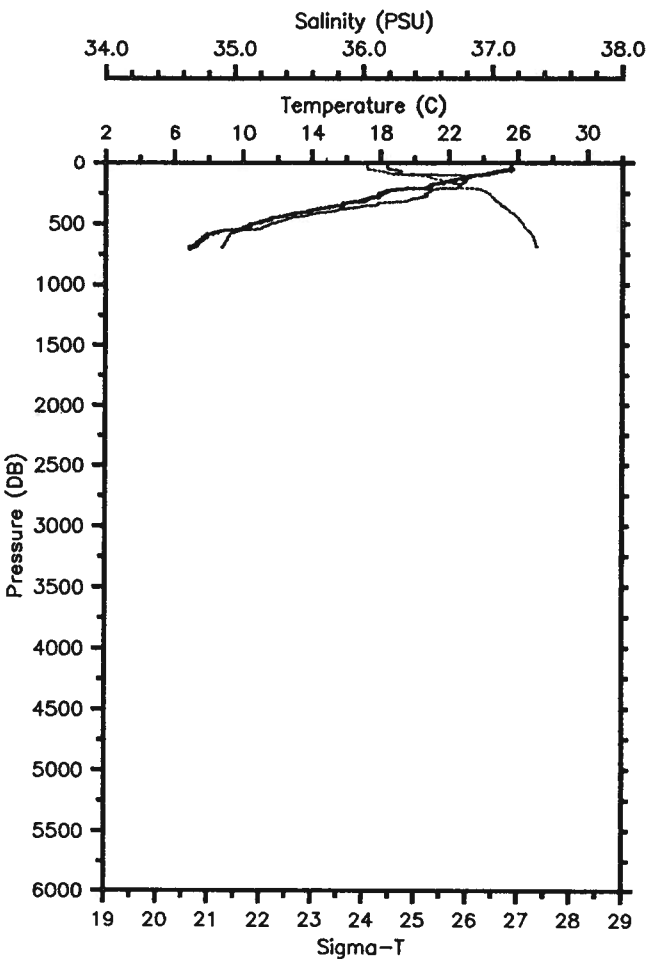

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.74 | 36.091 | 23.96 |
| 10 | 25.76 | 36.092 | 23.95 |
| 20 | 25.76 | 36.092 | 23.95 |
| 30 | 25.76 | 36.091 | 23.95 |
| 40 | 25.76 | 36.093 | 23.95 |
| 50 | 25.76 | 36.095 | 23.96 |
| 60 | 24.83 | 36.229 | 24.34 |
| 70 | 24.20 | 36.227 | 24.53 |
| 80 | 24.15 | 36.255 | 24.57 |
| 90 | 24.19 | 36.406 | 24.67 |
| 100 | 23.39 | 36.283 | 24.81 |
| 110 | 22.47 | 36.091 | 24.93 |
| 120 | 22.29 | 36.128 | 25.01 |
| 130 | 22.21 | 36.257 | 25.13 |
| 140 | 21.96 | 36.509 | 25.39 |
| 150 | 21.32 | 36.595 | 25.64 |
| 160 | 20.73 | 36.653 | 25.84 |
| 170 | 20.12 | 36.667 | 26.02 |
| 180 | 19.84 | 36.630 | 26.08 |
| 190 | 19.15 | 36.526 | 26.17 |
| 200 | 18.79 | 36.499 | 26.24 |
| 250 | 16.85 | 36.252 | 26.53 |
| 300 | 15.16 | 35.978 | 26.71 |
| 350 | 12.94 | 35.633 | 26.91 |
| 400 | 10.47 | 35.312 | 27.13 |
| 450 | 8.07 | 35.009 | 27.29 |
| 492 | 7.23 | 34.921 | 27.34 |

RES-STACS23-86 CTD 5 RESEARCHER
Date 01 14 86 Latitude 27.006 N
Time 0606 Z Longitude 79.618 W



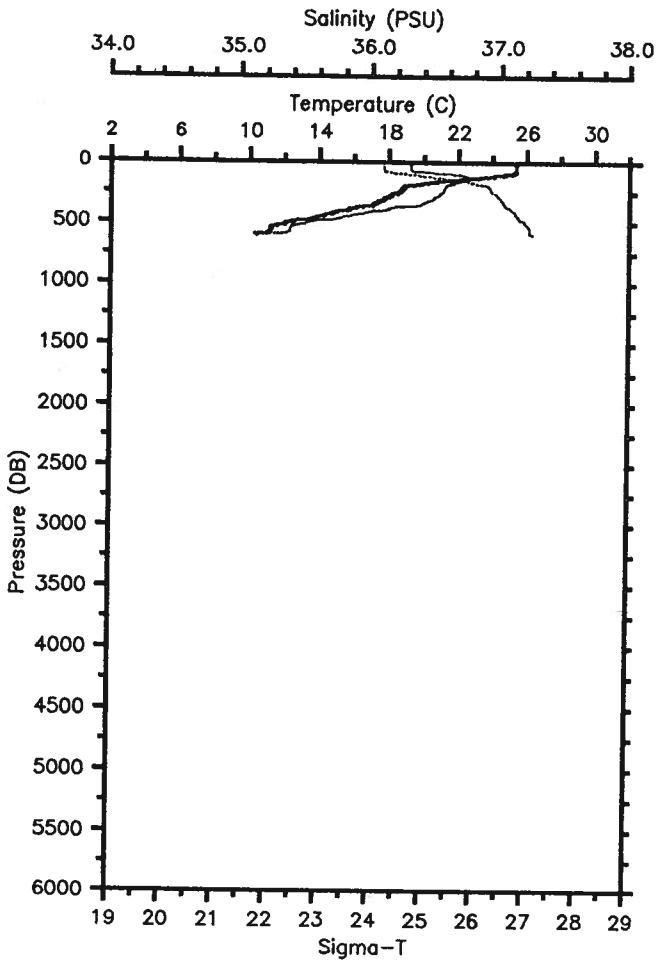

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.74 | 36.119 | 23.98 |
| 10 | 25.77 | 36.115 | 23.97 |
| 20 | 25.76 | 36.117 | 23.97 |
| 30 | 25.76 | 36.117 | 23.97 |
| 40 | 25.77 | 36.117 | 23.97 |
| 50 | 25.65 | 36.216 | 24.08 |
| 60 | 24.33 | 36.231 | 24.49 |
| 70 | 24.23 | 36.227 | 24.52 |
| 80 | 23.88 | 36.185 | 24.59 |
| 90 | 23.58 | 36.236 | 24.72 |
| 100 | 23.28 | 36.192 | 24.77 |
| 110 | 22.88 | 36.169 | 24.87 |
| 120 | 22.24 | 36.064 | 24.98 |
| 130 | 22.12 | 36.291 | 25.18 |
| 140 | 22.26 | 36.647 | 25.41 |
| 150 | 21.15 | 36.547 | 25.65 |
| 160 | 21.12 | 36.712 | 25.78 |
| 170 | 20.84 | 36.734 | 25.87 |
| 180 | 20.24 | 36.700 | 26.01 |
| 190 | 19.83 | 36.633 | 26.07 |
| 200 | 19.24 | 36.549 | 26.16 |
| 250 | 17.38 | 36.321 | 26.45 |
| 300 | 15.29 | 35.996 | 26.69 |
| 350 | 13.53 | 35.724 | 26.86 |
| 400 | 12.47 | 35.563 | 26.95 |
| 450 | 10.79 | 35.316 | 27.08 |
| 500 | 8.11 | 35.010 | 27.29 |
| 550 | 7.13 | 34.919 | 27.36 |
| 600 | 6.49 | 34.891 | 27.42 |

RES-STACS23-86 CTD 6 RESEARCHER
Date 01 14 86 Latitude 27.008 N
Time 0758 Z Longitude 79.504 W



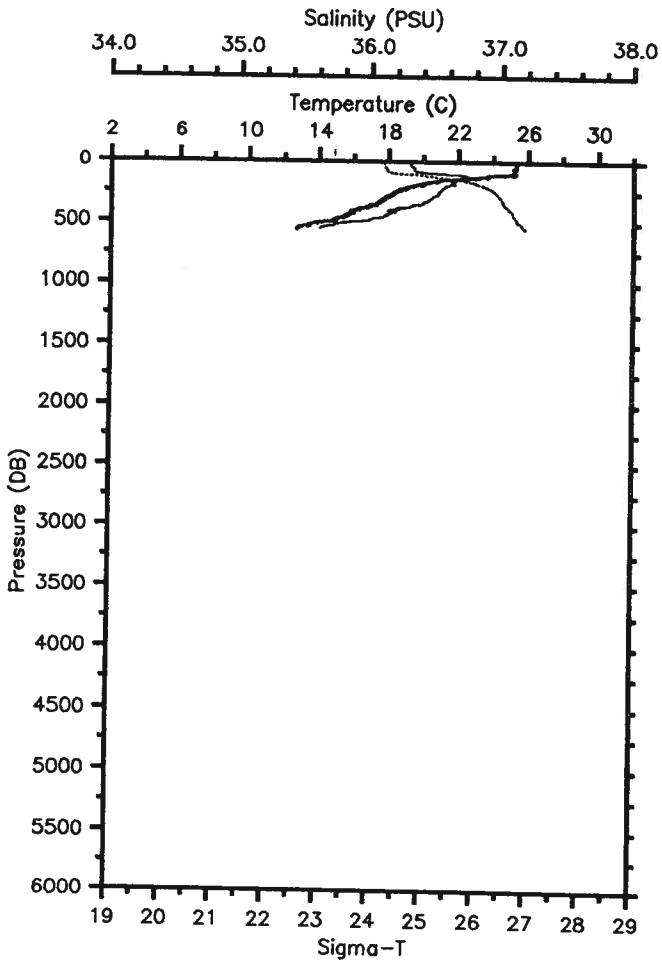

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.57 | 36.188 | 24.08 |
| 10 | 25.59 | 36.186 | 24.08 |
| 20 | 25.60 | 36.187 | 24.07 |
| 30 | 25.59 | 36.184 | 24.07 |
| 40 | 25.60 | 36.189 | 24.08 |
| 50 | 25.59 | 36.190 | 24.08 |
| 60 | 25.59 | 36.247 | 24.12 |
| 70 | 24.97 | 36.289 | 24.34 |
| 80 | 24.56 | 36.280 | 24.46 |
| 90 | 24.25 | 36.277 | 24.55 |
| 100 | 23.95 | 36.677 | 24.95 |
| 110 | 23.21 | 36.784 | 25.25 |
| 120 | 23.00 | 36.784 | 25.30 |
| 130 | 22.82 | 36.784 | 25.36 |
| 140 | 22.35 | 36.800 | 25.51 |
| 150 | 22.06 | 36.799 | 25.59 |
| 160 | 21.69 | 36.791 | 25.68 |
| 170 | 21.39 | 36.773 | 25.75 |
| 180 | 21.00 | 36.755 | 25.85 |
| 190 | 20.89 | 36.748 | 25.87 |
| 200 | 20.81 | 36.738 | 25.89 |
| 250 | 18.06 | 36.490 | 26.42 |
| 300 | 17.15 | 36.371 | 26.55 |
| 350 | 15.69 | 36.094 | 26.68 |
| 400 | 13.78 | 35.761 | 26.84 |
| 450 | 11.78 | 35.451 | 27.00 |
| 500 | 10.56 | 35.284 | 27.09 |
| 550 | 9.61 | 35.153 | 27.16 |
| 600 | 7.88 | 34.958 | 27.28 |
| 650 | 7.43 | 34.929 | 27.32 |
| 700 | 6.88 | 34.904 | 27.38 |
| 702 | 6.88 | 34.904 | 27.38 |

RES-STACS23-86 CTD 7 RESEARCHER
Date 01 14 86 Latitude 27.002 N
Time 1147 Z Longitude 79.368 W



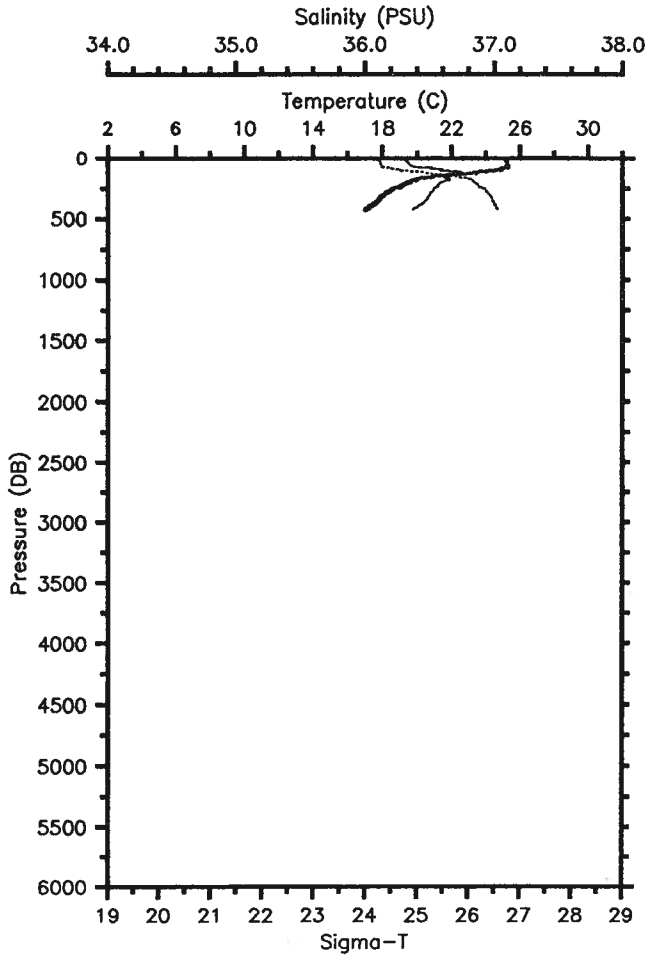

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.34 | 36.309 | 24.24 |
| 10 | 25.37 | 36.299 | 24.23 |
| 20 | 25.37 | 36.298 | 24.23 |
| 30 | 25.37 | 36.298 | 24.23 |
| 40 | 25.38 | 36.300 | 24.23 |
| 50 | 25.38 | 36.300 | 24.23 |
| 60 | 25.38 | 36.299 | 24.23 |
| 70 | 25.39 | 36.306 | 24.23 |
| 80 | 25.39 | 36.347 | 24.26 |
| 90 | 25.24 | 36.481 | 24.41 |
| 100 | 24.77 | 36.618 | 24.65 |
| 110 | 24.14 | 36.709 | 24.91 |
| 120 | 23.83 | 36.734 | 25.02 |
| 130 | 23.23 | 36.731 | 25.20 |
| 140 | 22.27 | 36.719 | 25.47 |
| 150 | 21.66 | 36.741 | 25.65 |
| 160 | 20.76 | 36.680 | 25.85 |
| 170 | 20.39 | 36.624 | 25.91 |
| 180 | 19.91 | 36.600 | 26.02 |
| 190 | 19.34 | 36.580 | 26.16 |
| 200 | 18.91 | 36.571 | 26.26 |
| 250 | 18.53 | 36.541 | 26.34 |
| 300 | 17.74 | 36.475 | 26.48 |
| 350 | 17.09 | 36.379 | 26.57 |
| 400 | 15.57 | 36.102 | 26.71 |
| 450 | 14.08 | 35.817 | 26.82 |
| 500 | 12.23 | 35.515 | 26.98 |
| 550 | 11.23 | 35.375 | 27.04 |
| 600 | 10.35 | 35.252 | 27.11 |

RES-STACS23-86 CTD 8 RESEARCHER
Date 01 14 86 Latitude 27.004 N
Time 1446 Z Longitude 79.289 W



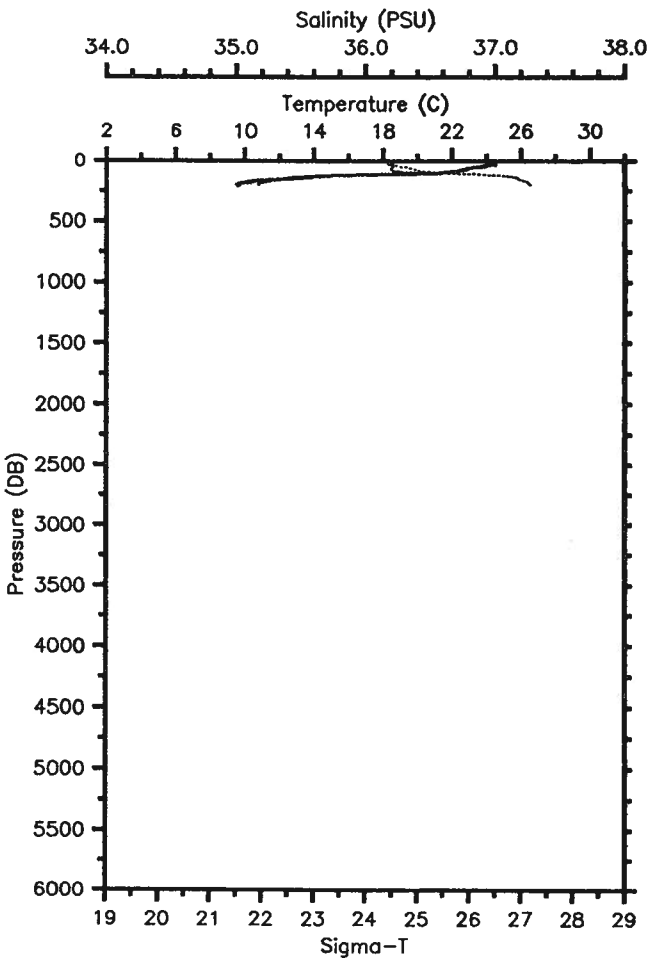

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.31 | 36.301 | 24.25 |
| 10 | 25.31 | 36.302 | 24.25 |
| 20 | 25.31 | 36.301 | 24.25 |
| 30 | 25.31 | 36.304 | 24.25 |
| 40 | 25.31 | 36.307 | 24.26 |
| 50 | 25.28 | 36.319 | 24.27 |
| 60 | 25.21 | 36.328 | 24.30 |
| 70 | 25.19 | 36.329 | 24.31 |
| 80 | 25.19 | 36.336 | 24.31 |
| 90 | 25.20 | 36.401 | 24.36 |
| 100 | 25.11 | 36.498 | 24.46 |
| 110 | 23.97 | 36.704 | 24.96 |
| 120 | 23.65 | 36.731 | 25.08 |
| 130 | 23.06 | 36.747 | 25.26 |
| 140 | 22.31 | 36.731 | 25.46 |
| 150 | 21.37 | 36.660 | 25.67 |
| 160 | 20.84 | 36.646 | 25.81 |
| 170 | 20.29 | 36.625 | 25.94 |
| 180 | 19.98 | 36.614 | 26.01 |
| 190 | 19.83 | 36.621 | 26.06 |
| 200 | 19.40 | 36.580 | 26.14 |
| 250 | 18.35 | 36.518 | 26.36 |
| 300 | 17.78 | 36.465 | 26.46 |
| 350 | 17.30 | 36.391 | 26.53 |
| 400 | 16.05 | 36.144 | 26.63 |
| 450 | 15.52 | 36.112 | 26.73 |
| 500 | 14.22 | 35.833 | 26.80 |
| 550 | 12.77 | 35.614 | 26.93 |
| 552 | 12.73 | 35.606 | 26.93 |

RES-STACS23-86 CTD 9 RESEARCHER
Date 01 14 86 Latitude 27.001 N
Time 1633 Z Longitude 79.204 W



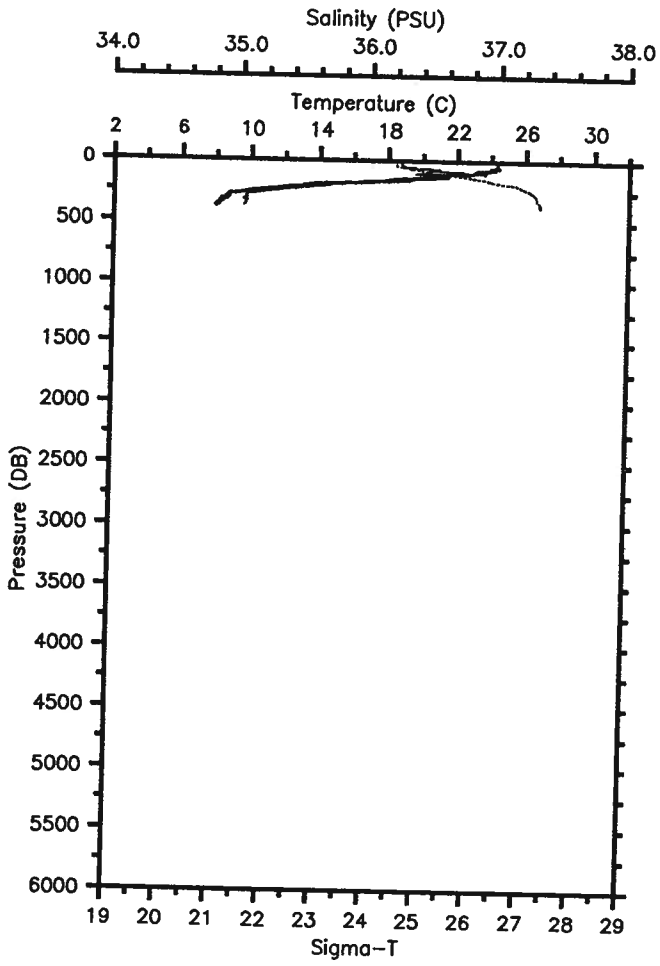

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.27 | 36.311 | 24.27 |
| 10 | 25.27 | 36.310 | 24.27 |
| 20 | 25.27 | 36.310 | 24.27 |
| 30 | 25.25 | 36.323 | 24.28 |
| 40 | 25.24 | 36.333 | 24.30 |
| 50 | 25.24 | 36.341 | 24.30 |
| 60 | 25.25 | 36.348 | 24.30 |
| 70 | 25.27 | 36.367 | 24.31 |
| 80 | 25.20 | 36.520 | 24.45 |
| 90 | 24.94 | 36.506 | 24.52 |
| 100 | 24.70 | 36.585 | 24.65 |
| 110 | 24.07 | 36.658 | 24.89 |
| 120 | 23.48 | 36.743 | 25.13 |
| 130 | 22.82 | 36.755 | 25.34 |
| 140 | 21.80 | 36.677 | 25.57 |
| 150 | 21.05 | 36.656 | 25.76 |
| 160 | 20.70 | 36.633 | 25.84 |
| 170 | 20.12 | 36.653 | 26.01 |
| 180 | 19.89 | 36.635 | 26.06 |
| 190 | 19.69 | 36.615 | 26.09 |
| 200 | 19.53 | 36.598 | 26.12 |
| 250 | 18.84 | 36.531 | 26.30 |
| 300 | 18.12 | 36.498 | 26.41 |
| 350 | 17.75 | 36.466 | 26.47 |
| 400 | 17.27 | 36.406 | 26.54 |
| 424 | 17.04 | 36.368 | 26.57 |

RES-STACS23-86 CTD 10 RESEARCHER
Date 01 15 86 Latitude 29.035 N
Time 0250 Z Longitude 80.021 W



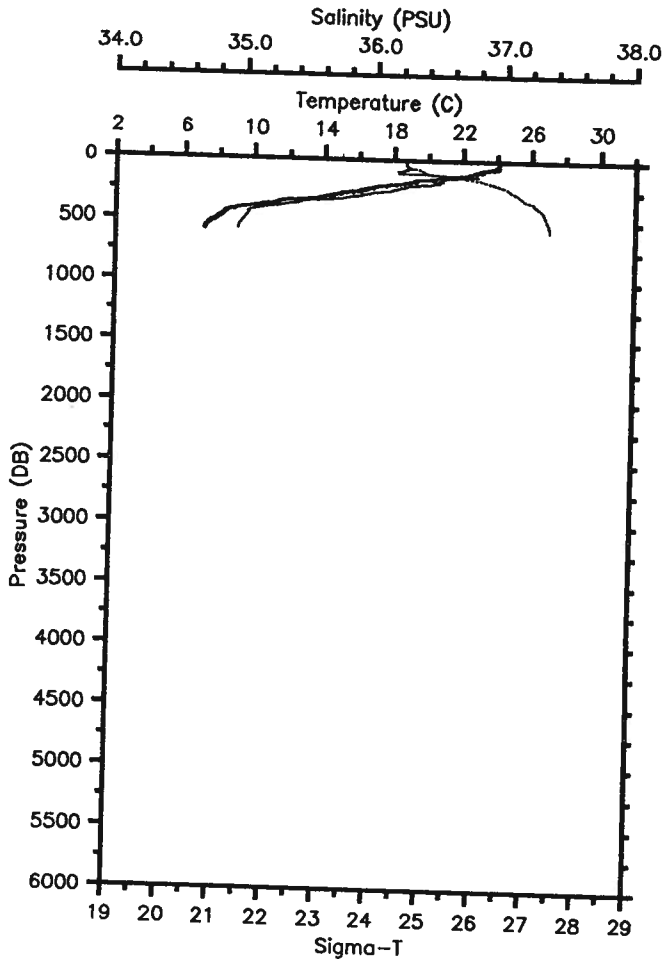

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 24.47 | 36.212 | 24.44 |
| 10 | 24.50 | 36.213 | 24.43 |
| 20 | 24.49 | 36.213 | 24.43 |
| 30 | 24.44 | 36.212 | 24.45 |
| 40 | 23.95 | 36.211 | 24.59 |
| 50 | 23.72 | 36.213 | 24.66 |
| 60 | 23.07 | 36.191 | 24.84 |
| 70 | 22.80 | 36.181 | 24.90 |
| 80 | 22.52 | 36.210 | 25.01 |
| 90 | 21.97 | 36.212 | 25.17 |
| 100 | 21.43 | 36.471 | 25.51 |
| 110 | 19.68 | 36.266 | 25.83 |
| 120 | 16.14 | 35.880 | 26.41 |
| 130 | 13.91 | 35.725 | 26.78 |
| 140 | 12.91 | 35.592 | 26.89 |
| 150 | 12.44 | 35.551 | 26.95 |
| 160 | 11.46 | 35.361 | 26.99 |
| 170 | 10.42 | 35.248 | 27.09 |
| 180 | 10.07 | 35.221 | 27.13 |
| 190 | 9.68 | 35.179 | 27.17 |
| 200 | 9.57 | 35.166 | 27.17 |

RES-STACS23-86 CTD 11 RESEARCHER
Date 01 15 86 Latitude 29.051 N
Time 0512 Z Longitude 79.934 W



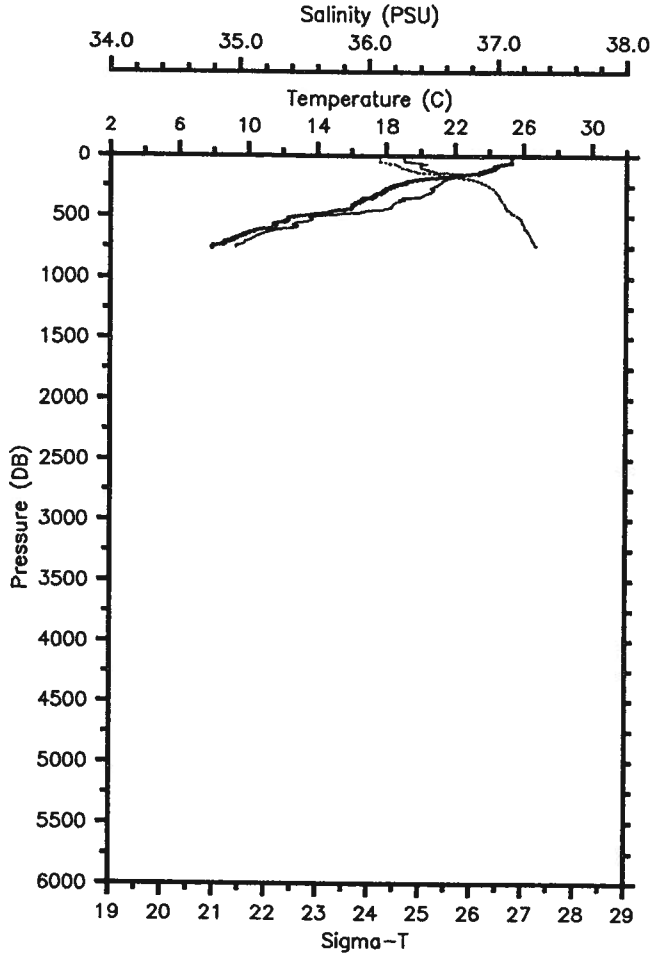

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 24.31 | 36.234 | 24.48 |
| 10 | 24.32 | 36.234 | 24.48 |
| 20 | 24.33 | 36.233 | 24.48 |
| 30 | 24.33 | 36.235 | 24.48 |
| 40 | 24.34 | 36.243 | 24.48 |
| 50 | 24.34 | 36.259 | 24.49 |
| 60 | 24.00 | 36.305 | 24.63 |
| 70 | 24.09 | 36.510 | 24.76 |
| 80 | 23.39 | 36.439 | 24.91 |
| 90 | 23.43 | 36.626 | 25.04 |
| 100 | 23.14 | 36.634 | 25.13 |
| 110 | 21.55 | 36.341 | 25.37 |
| 120 | 20.84 | 36.426 | 25.62 |
| 130 | 20.54 | 36.490 | 25.76 |
| 140 | 20.24 | 36.587 | 25.91 |
| 150 | 18.99 | 36.377 | 26.08 |
| 160 | 18.10 | 36.316 | 26.26 |
| 170 | 17.67 | 36.247 | 26.31 |
| 180 | 16.30 | 36.032 | 26.47 |
| 190 | 14.78 | 35.816 | 26.65 |
| 200 | 13.45 | 35.695 | 26.84 |
| 250 | 10.43 | 35.273 | 27.09 |
| 300 | 8.61 | 35.027 | 27.20 |
| 350 | 8.16 | 35.024 | 27.27 |
| 374 | 7.96 | 35.012 | 27.29 |

RES-STACS23-86 CTD 12 RESEARCHER
Date 01 15 86 Latitude 29.018 N
Time 0854 Z Longitude 79.817 W



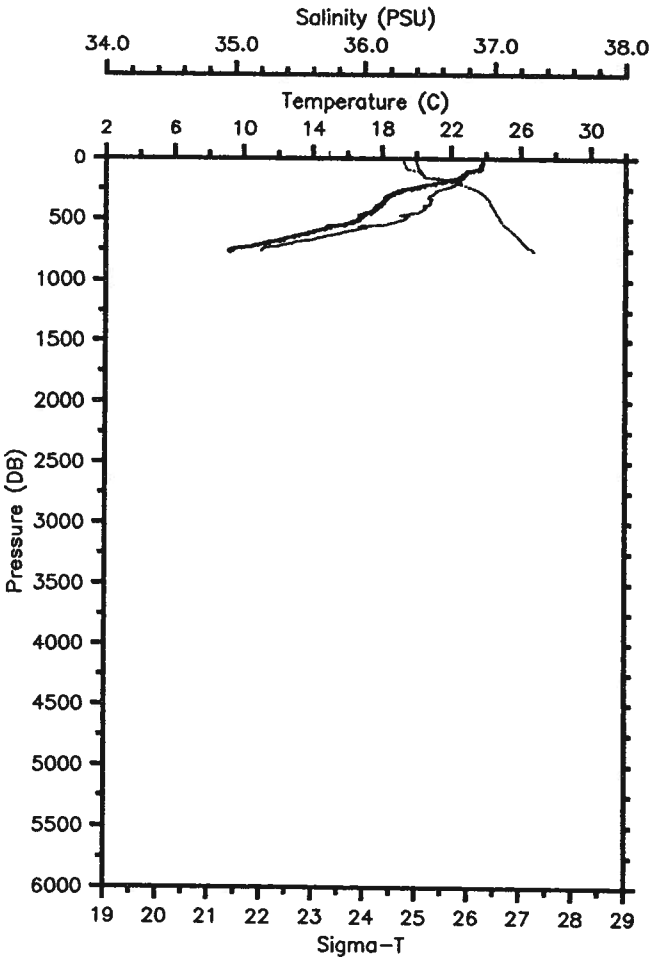

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 24.04 | 36.229 | 24.56 |
| 10 | 24.06 | 36.226 | 24.55 |
| 20 | 24.06 | 36.227 | 24.55 |
| 30 | 24.07 | 36.226 | 24.55 |
| 40 | 24.06 | 36.227 | 24.55 |
| 50 | 24.00 | 36.233 | 24.58 |
| 60 | 23.89 | 36.244 | 24.62 |
| 70 | 23.55 | 36.285 | 24.75 |
| 80 | 23.09 | 36.205 | 24.82 |
| 90 | 22.79 | 36.182 | 24.89 |
| 100 | 22.69 | 36.198 | 24.93 |
| 110 | 22.37 | 36.186 | 25.02 |
| 120 | 22.08 | 36.525 | 25.36 |
| 130 | 22.14 | 36.780 | 25.53 |
| 140 | 21.40 | 36.633 | 25.63 |
| 150 | 20.43 | 36.539 | 25.82 |
| 160 | 19.44 | 36.414 | 25.99 |
| 170 | 19.19 | 36.433 | 26.07 |
| 180 | 18.89 | 36.474 | 26.18 |
| 190 | 18.59 | 36.478 | 26.26 |
| 200 | 18.03 | 36.384 | 26.33 |
| 250 | 16.06 | 36.118 | 26.59 |
| 300 | 14.17 | 35.821 | 26.79 |
| 350 | 11.40 | 35.424 | 27.03 |
| 400 | 9.31 | 35.140 | 27.18 |
| 450 | 8.24 | 35.018 | 27.25 |
| 500 | 7.74 | 34.981 | 27.30 |
| 550 | 7.23 | 34.945 | 27.34 |
| 576 | 7.17 | 34.942 | 27.35 |

RES-STACS23-86 CTD 13 RESEARCHER
Date 01 15 86 Latitude 28.990 N
Time 1115 Z Longitude 79.456 W



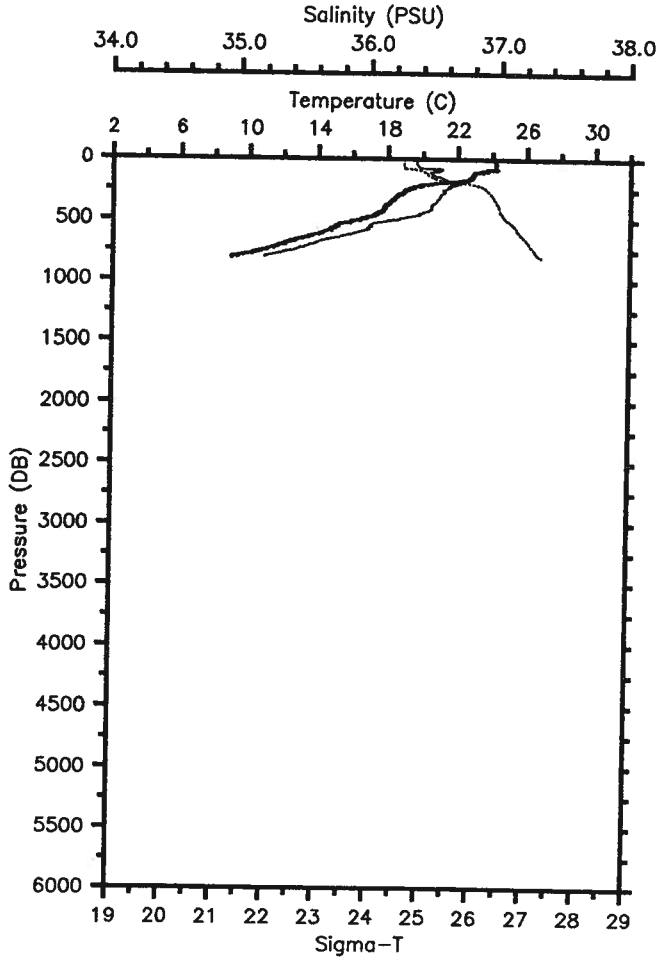

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.31 | 36.270 | 24.21 |
| 10 | 25.31 | 36.267 | 24.20 |
| 20 | 25.32 | 36.268 | 24.20 |
| 30 | 25.33 | 36.270 | 24.20 |
| 40 | 25.33 | 36.273 | 24.21 |
| 50 | 25.33 | 36.281 | 24.21 |
| 60 | 25.20 | 36.388 | 24.33 |
| 70 | 24.77 | 36.417 | 24.48 |
| 80 | 24.52 | 36.412 | 24.55 |
| 90 | 24.37 | 36.401 | 24.59 |
| 100 | 24.33 | 36.405 | 24.61 |
| 110 | 24.15 | 36.431 | 24.68 |
| 120 | 23.92 | 36.449 | 24.76 |
| 130 | 23.67 | 36.519 | 24.89 |
| 140 | 23.50 | 36.509 | 24.93 |
| 150 | 23.07 | 36.692 | 25.20 |
| 160 | 22.50 | 36.722 | 25.38 |
| 170 | 22.00 | 36.703 | 25.51 |
| 180 | 21.14 | 36.662 | 25.72 |
| 190 | 20.36 | 36.628 | 25.91 |
| 200 | 19.83 | 36.595 | 26.03 |
| 250 | 18.46 | 36.527 | 26.33 |
| 300 | 17.75 | 36.485 | 26.47 |
| 350 | 16.96 | 36.321 | 26.54 |
| 400 | 16.18 | 36.196 | 26.63 |
| 450 | 15.46 | 36.070 | 26.69 |
| 500 | 12.93 | 35.622 | 26.89 |
| 550 | 12.03 | 35.504 | 26.98 |
| 600 | 11.35 | 35.408 | 27.03 |
| 650 | 9.80 | 35.171 | 27.12 |
| 700 | 8.92 | 35.060 | 27.18 |
| 750 | 7.92 | 34.972 | 27.26 |
| 756 | 7.91 | 34.972 | 27.27 |

RES-STACS23-86 CTD 14 RESEARCHER
Date 01 15 86 Latitude 29.022 N
Time 1700 Z Longitude 79.101 W



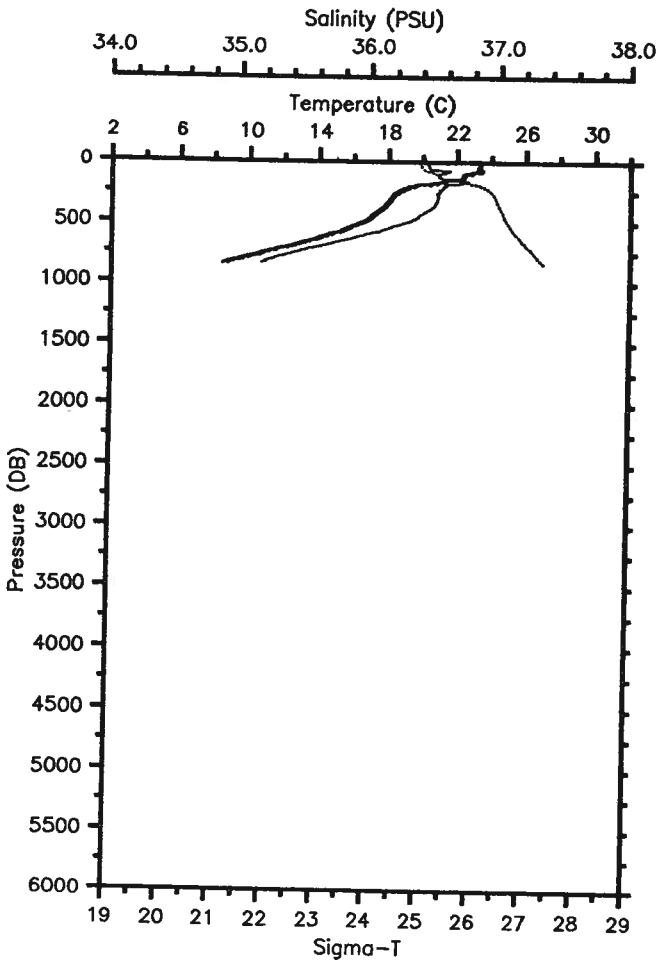

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.84 | 36.395 | 24.75 |
| 10 | 23.82 | 36.398 | 24.75 |
| 20 | 23.81 | 36.397 | 24.76 |
| 30 | 23.80 | 36.400 | 24.76 |
| 40 | 23.79 | 36.401 | 24.77 |
| 50 | 23.77 | 36.404 | 24.77 |
| 60 | 23.74 | 36.410 | 24.79 |
| 70 | 23.73 | 36.411 | 24.79 |
| 80 | 23.70 | 36.414 | 24.80 |
| 90 | 23.66 | 36.416 | 24.82 |
| 100 | 23.33 | 36.435 | 24.93 |
| 110 | 22.95 | 36.441 | 25.04 |
| 120 | 22.87 | 36.445 | 25.07 |
| 130 | 22.79 | 36.444 | 25.09 |
| 140 | 22.64 | 36.453 | 25.14 |
| 150 | 22.62 | 36.457 | 25.15 |
| 160 | 22.53 | 36.469 | 25.19 |
| 170 | 22.27 | 36.580 | 25.34 |
| 180 | 21.94 | 36.670 | 25.50 |
| 190 | 21.69 | 36.704 | 25.60 |
| 200 | 21.49 | 36.742 | 25.69 |
| 250 | 19.74 | 36.626 | 26.07 |
| 300 | 18.59 | 36.530 | 26.30 |
| 350 | 18.14 | 36.512 | 26.40 |
| 400 | 17.75 | 36.476 | 26.47 |
| 450 | 17.25 | 36.394 | 26.52 |
| 500 | 16.73 | 36.318 | 26.59 |
| 550 | 15.85 | 36.162 | 26.68 |
| 600 | 14.18 | 35.887 | 26.83 |
| 650 | 12.84 | 35.677 | 26.95 |
| 700 | 11.27 | 35.440 | 27.07 |
| 750 | 9.37 | 35.214 | 27.23 |
| 764 | 9.16 | 35.200 | 27.25 |

RES-STACS23-86 CTD 15 RESEARCHER
Date 01 15 86 Latitude 29.007 N
Time 1951 Z Longitude 78.809 W



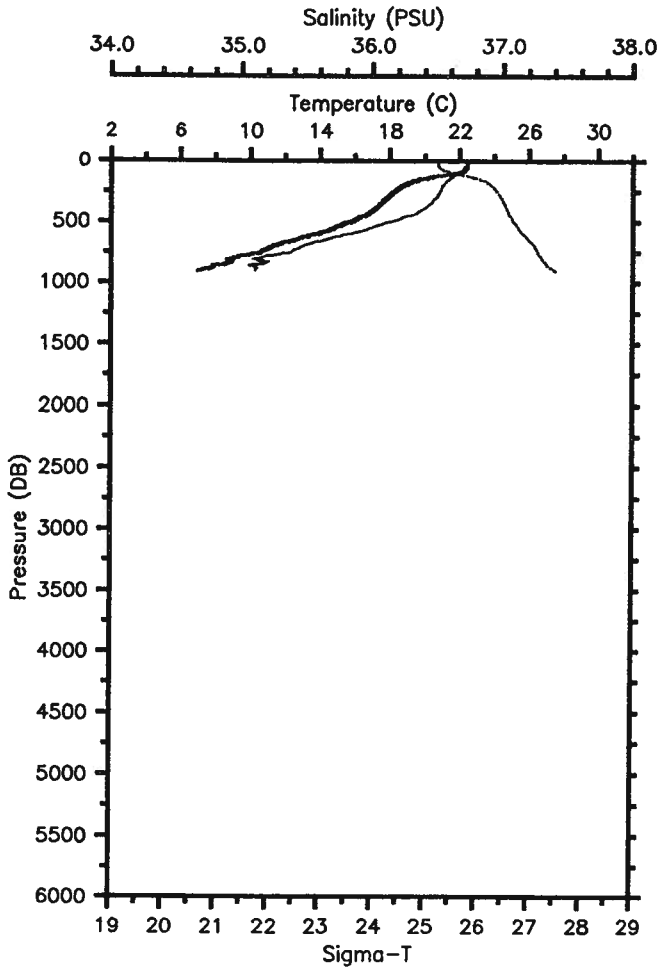

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 24.16 | 36.355 | 24.64 |
| 10 | 24.19 | 36.351 | 24.63 |
| 20 | 24.18 | 36.352 | 24.63 |
| 30 | 24.19 | 36.351 | 24.63 |
| 40 | 24.17 | 36.348 | 24.63 |
| 50 | 24.18 | 36.358 | 24.64 |
| 60 | 24.19 | 36.362 | 24.64 |
| 70 | 24.20 | 36.372 | 24.64 |
| 80 | 24.25 | 36.440 | 24.68 |
| 90 | 23.74 | 36.507 | 24.88 |
| 100 | 23.45 | 36.530 | 24.98 |
| 110 | 23.08 | 36.465 | 25.04 |
| 120 | 22.95 | 36.462 | 25.07 |
| 130 | 22.91 | 36.472 | 25.09 |
| 140 | 22.90 | 36.491 | 25.11 |
| 150 | 22.84 | 36.533 | 25.16 |
| 160 | 22.73 | 36.555 | 25.21 |
| 170 | 22.58 | 36.581 | 25.27 |
| 180 | 22.19 | 36.596 | 25.39 |
| 190 | 21.64 | 36.636 | 25.58 |
| 200 | 20.78 | 36.676 | 25.85 |
| 250 | 19.14 | 36.573 | 26.20 |
| 300 | 18.52 | 36.538 | 26.34 |
| 350 | 18.15 | 36.505 | 26.40 |
| 400 | 17.78 | 36.465 | 26.46 |
| 450 | 17.29 | 36.369 | 26.51 |
| 500 | 16.41 | 36.213 | 26.60 |
| 550 | 14.99 | 35.985 | 26.75 |
| 600 | 14.35 | 35.920 | 26.84 |
| 650 | 13.16 | 35.725 | 26.94 |
| 700 | 12.04 | 35.567 | 27.04 |
| 750 | 10.85 | 35.408 | 27.14 |
| 800 | 9.34 | 35.205 | 27.24 |
| 810 | 8.97 | 35.187 | 27.29 |

RES-STACS23-86 CTD 16 RESEARCHER
Date 01 16 86 Latitude 28.983 N
Time 0031 Z Longitude 78.486 W



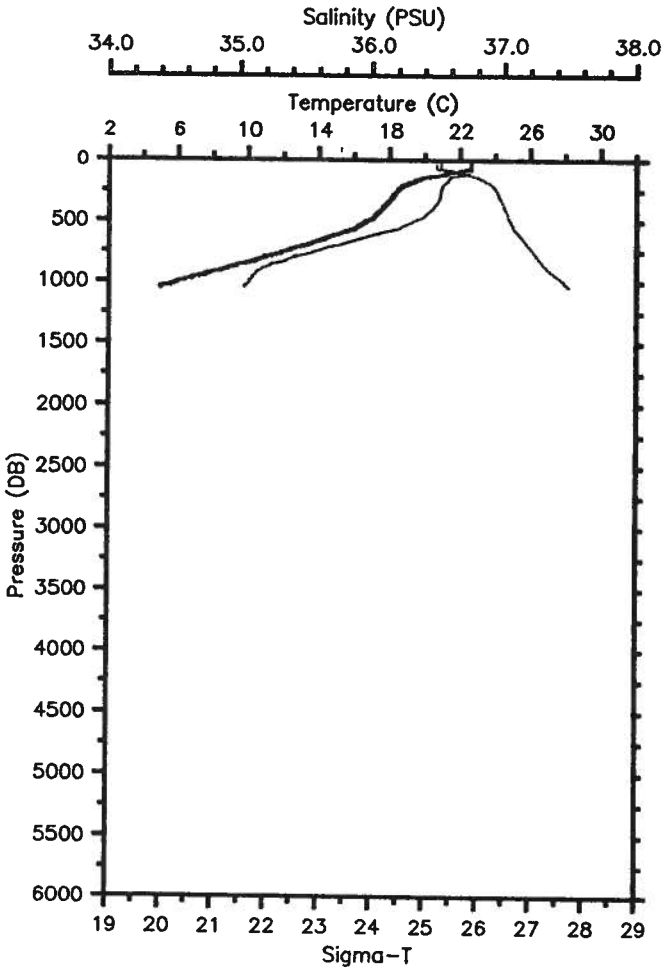

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.35 | 36.433 | 24.94 |
| 10 | 23.35 | 36.431 | 24.93 |
| 20 | 23.34 | 36.437 | 24.94 |
| 30 | 23.34 | 36.436 | 24.94 |
| 40 | 23.27 | 36.447 | 24.97 |
| 50 | 23.25 | 36.449 | 24.98 |
| 60 | 23.22 | 36.452 | 24.99 |
| 70 | 23.40 | 36.600 | 25.05 |
| 80 | 23.16 | 36.610 | 25.13 |
| 90 | 22.82 | 36.571 | 25.20 |
| 100 | 22.49 | 36.526 | 25.26 |
| 110 | 22.39 | 36.524 | 25.28 |
| 120 | 22.37 | 36.529 | 25.29 |
| 130 | 22.34 | 36.544 | 25.31 |
| 140 | 22.18 | 36.613 | 25.41 |
| 150 | 21.44 | 36.636 | 25.64 |
| 160 | 21.21 | 36.745 | 25.78 |
| 170 | 20.90 | 36.721 | 25.85 |
| 180 | 20.51 | 36.683 | 25.93 |
| 190 | 19.63 | 36.570 | 26.07 |
| 200 | 19.44 | 36.577 | 26.13 |
| 250 | 18.58 | 36.529 | 26.31 |
| 300 | 18.20 | 36.516 | 26.40 |
| 350 | 17.90 | 36.495 | 26.46 |
| 400 | 17.50 | 36.438 | 26.51 |
| 450 | 17.05 | 36.367 | 26.57 |
| 500 | 16.48 | 36.273 | 26.63 |
| 550 | 15.67 | 36.135 | 26.71 |
| 600 | 14.60 | 35.958 | 26.81 |
| 650 | 13.56 | 35.797 | 26.91 |
| 700 | 12.31 | 35.612 | 27.02 |
| 750 | 10.85 | 35.413 | 27.14 |
| 800 | 9.60 | 35.253 | 27.24 |
| 840 | 8.53 | 35.159 | 27.34 |

RES-STACS23-86 CTD 17 RESEARCHER
Date 01 16 86 Latitude 29.002 N
Time 0423 Z Longitude 78.001 W



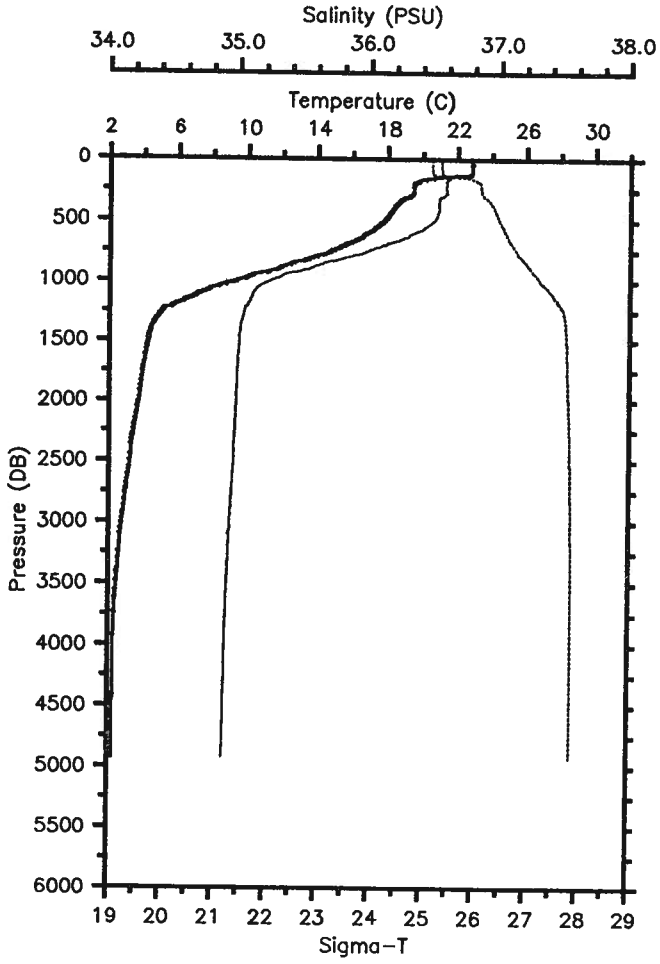

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 22.45 | 36.506 | 25.25 |
| 10 | 22.46 | 36.507 | 25.25 |
| 20 | 22.46 | 36.506 | 25.25 |
| 30 | 22.46 | 36.506 | 25.25 |
| 40 | 22.46 | 36.507 | 25.25 |
| 50 | 22.44 | 36.507 | 25.26 |
| 60 | 22.33 | 36.514 | 25.29 |
| 70 | 22.31 | 36.533 | 25.31 |
| 80 | 22.25 | 36.543 | 25.34 |
| 90 | 22.20 | 36.590 | 25.39 |
| 100 | 21.96 | 36.593 | 25.46 |
| 110 | 21.48 | 36.631 | 25.62 |
| 120 | 21.04 | 36.630 | 25.74 |
| 130 | 20.50 | 36.622 | 25.88 |
| 140 | 20.25 | 36.612 | 25.94 |
| 150 | 19.77 | 36.591 | 26.05 |
| 160 | 19.58 | 36.584 | 26.10 |
| 170 | 19.28 | 36.569 | 26.16 |
| 180 | 19.11 | 36.556 | 26.20 |
| 190 | 18.93 | 36.548 | 26.24 |
| 200 | 18.80 | 36.542 | 26.27 |
| 250 | 18.29 | 36.516 | 26.38 |
| 300 | 17.89 | 36.493 | 26.46 |
| 350 | 17.49 | 36.445 | 26.52 |
| 400 | 17.08 | 36.384 | 26.57 |
| 450 | 16.50 | 36.271 | 26.63 |
| 500 | 15.76 | 36.151 | 26.70 |
| 550 | 14.84 | 35.997 | 26.79 |
| 600 | 13.83 | 35.836 | 26.89 |
| 650 | 12.52 | 35.641 | 27.00 |
| 700 | 11.29 | 35.473 | 27.11 |
| 750 | 10.57 | 35.380 | 27.17 |
| 800 | 9.04 | 35.142 | 27.24 |
| 850 | 8.55 | 35.169 | 27.34 |
| 900 | 7.20 | 35.106 | 27.50 |
| 902 | 7.08 | 35.101 | 27.51 |

RES-STACS23-86 CTD 18 RESEARCHER
Date 01 16 86 Latitude 29.004 N
Time 0946 Z Longitude 77.001 W



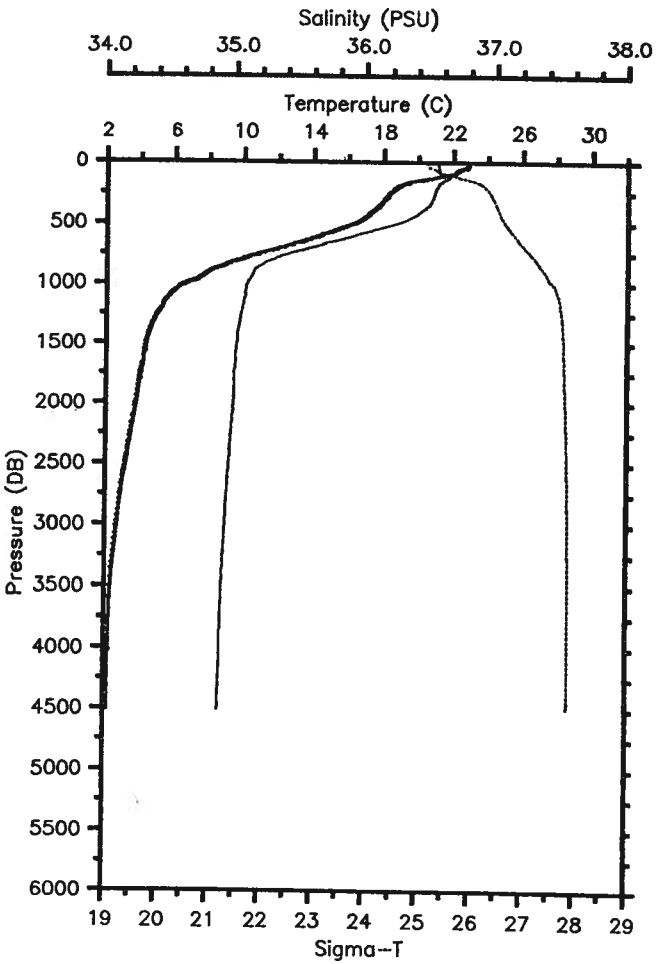

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 22.60 | 36.522 | 25.22 |
| 10 | 22.60 | 36.521 | 25.22 |
| 20 | 22.60 | 36.521 | 25.22 |
| 30 | 22.61 | 36.523 | 25.22 |
| 40 | 22.61 | 36.523 | 25.22 |
| 50 | 22.61 | 36.523 | 25.22 |
| 60 | 22.61 | 36.523 | 25.22 |
| 70 | 22.61 | 36.524 | 25.22 |
| 80 | 22.40 | 36.566 | 25.31 |
| 90 | 22.02 | 36.618 | 25.46 |
| 100 | 21.66 | 36.644 | 25.58 |
| 110 | 21.20 | 36.658 | 25.72 |
| 120 | 21.08 | 36.727 | 25.80 |
| 130 | 20.63 | 36.843 | 25.86 |
| 140 | 20.13 | 36.594 | 25.96 |
| 150 | 19.77 | 36.586 | 26.05 |
| 160 | 19.58 | 36.577 | 26.09 |
| 170 | 19.44 | 36.573 | 26.12 |
| 180 | 19.33 | 36.561 | 26.15 |
| 190 | 19.07 | 36.555 | 26.21 |
| 200 | 18.93 | 36.550 | 26.24 |
| 250 | 18.42 | 36.523 | 26.35 |
| 300 | 18.21 | 36.516 | 26.40 |
| 350 | 17.89 | 36.493 | 26.46 |
| 400 | 17.55 | 36.456 | 26.51 |
| 450 | 17.24 | 36.410 | 26.56 |
| 500 | 16.70 | 36.315 | 26.61 |
| 550 | 16.14 | 36.221 | 26.67 |
| 600 | 15.19 | 36.058 | 26.76 |
| 650 | 14.25 | 35.905 | 26.85 |
| 700 | 13.29 | 35.751 | 26.93 |
| 750 | 12.12 | 35.586 | 27.04 |
| 800 | 10.98 | 35.426 | 27.13 |
| 850 | 9.86 | 35.287 | 27.22 |
| 900 | 8.60 | 35.170 | 27.33 |
| 950 | 7.31 | 35.102 | 27.47 |
| 1000 | 5.96 | 35.073 | 27.64 |
| 1050 | 4.97 | 35.035 | 27.73 |

RES-STACS23-86 CTD 19 RESEARCHER
Date 01 16 86 Latitude 28.985 N
Time 1447 Z Longitude 75.984 W



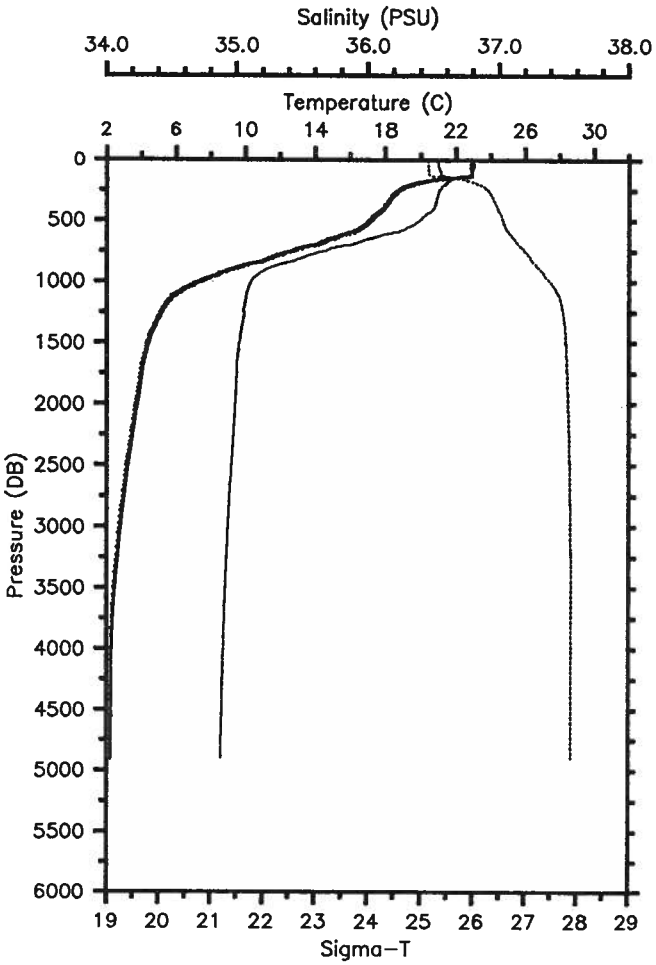

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 22.82 | 36.541 | 25.17 |
| 10 | 22.82 | 36.542 | 25.17 |
| 20 | 22.82 | 36.542 | 25.17 |
| 30 | 22.83 | 36.542 | 25.17 |
| 40 | 22.83 | 36.543 | 25.17 |
| 50 | 22.83 | 36.544 | 25.17 |
| 60 | 22.83 | 36.544 | 25.17 |
| 70 | 22.83 | 36.543 | 25.17 |
| 80 | 22.83 | 36.544 | 25.17 |
| 90 | 22.83 | 36.545 | 25.17 |
| 100 | 22.83 | 36.545 | 25.17 |
| 110 | 22.83 | 36.546 | 25.17 |
| 120 | 22.83 | 36.547 | 25.18 |
| 130 | 22.52 | 36.580 | 25.29 |
| 140 | 21.52 | 36.650 | 25.62 |
| 150 | 20.70 | 36.608 | 25.82 |
| 160 | 20.27 | 36.600 | 25.93 |
| 170 | 19.91 | 36.589 | 26.02 |
| 180 | 19.71 | 36.574 | 26.06 |
| 190 | 19.58 | 36.582 | 26.10 |
| 200 | 19.53 | 36.582 | 26.11 |
| 250 | 19.46 | 36.579 | 26.12 |
| 300 | 19.25 | 36.564 | 26.17 |
| 350 | 18.61 | 36.524 | 26.30 |
| 400 | 18.34 | 36.526 | 26.37 |
| 450 | 18.07 | 36.512 | 26.43 |
| 500 | 17.81 | 36.489 | 26.48 |
| 550 | 17.36 | 36.424 | 26.54 |
| 600 | 16.87 | 36.344 | 26.59 |
| 650 | 16.35 | 36.254 | 26.65 |
| 700 | 15.58 | 36.122 | 26.72 |
| 750 | 14.80 | 35.991 | 26.80 |
| 800 | 13.82 | 35.836 | 26.89 |
| 850 | 12.55 | 35.647 | 27.00 |
| 900 | 11.74 | 35.539 | 27.08 |
| 950 | 10.26 | 35.342 | 27.19 |
| 1000 | 9.34 | 35.243 | 27.27 |
| 1500 | 4.28 | 35.001 | 27.78 |
| 2000 | 3.73 | 34.979 | 27.82 |
| 2500 | 3.22 | 34.959 | 27.85 |
| 3000 | 2.77 | 34.931 | 27.87 |
| 3500 | 2.46 | 34.913 | 27.89 |
| 4000 | 2.31 | 34.900 | 27.89 |
| 4500 | 2.29 | 34.893 | 27.88 |
| 4918 | 2.26 | 34.884 | 27.88 |

RES-STACS23-86 CTD 20 RESEARCHER
Date 01 16 86 Latitude 29.137 N
Time 2256 Z Longitude 74.836 W



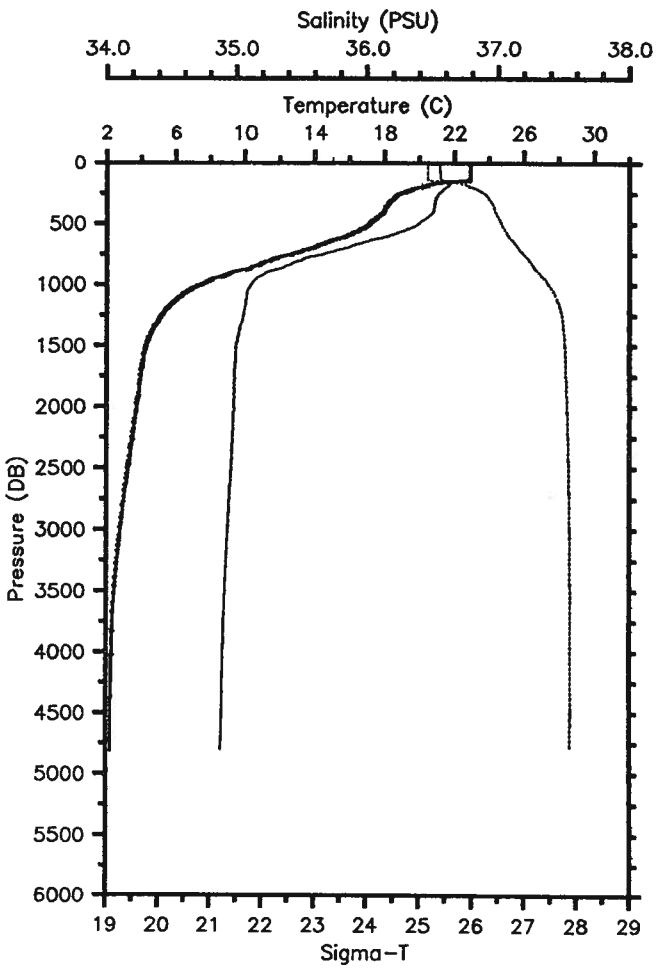

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 22.86 | 36.552 | 25.17 |
| 10 | 22.87 | 36.552 | 25.17 |
| 20 | 22.87 | 36.552 | 25.17 |
| 30 | 22.83 | 36.547 | 25.17 |
| 40 | 22.81 | 36.551 | 25.18 |
| 50 | 22.57 | 36.554 | 25.25 |
| 60 | 22.36 | 36.557 | 25.32 |
| 70 | 22.28 | 36.560 | 25.34 |
| 80 | 22.13 | 36.557 | 25.38 |
| 90 | 22.11 | 36.565 | 25.39 |
| 100 | 21.78 | 36.657 | 25.56 |
| 110 | 21.49 | 36.654 | 25.64 |
| 120 | 21.08 | 36.642 | 25.75 |
| 130 | 20.79 | 36.631 | 25.81 |
| 140 | 20.33 | 36.612 | 25.92 |
| 150 | 19.95 | 36.594 | 26.01 |
| 160 | 19.52 | 36.582 | 26.11 |
| 170 | 19.30 | 36.556 | 26.15 |
| 180 | 19.10 | 36.555 | 26.20 |
| 190 | 18.93 | 36.548 | 26.24 |
| 200 | 18.79 | 36.544 | 26.27 |
| 250 | 18.37 | 36.523 | 26.36 |
| 300 | 18.06 | 36.508 | 26.43 |
| 350 | 17.77 | 36.481 | 26.48 |
| 400 | 17.34 | 36.417 | 26.54 |
| 450 | 16.94 | 36.354 | 26.58 |
| 500 | 16.31 | 36.246 | 26.65 |
| 550 | 15.38 | 36.080 | 26.74 |
| 600 | 14.43 | 35.927 | 26.83 |
| 650 | 13.41 | 35.760 | 26.92 |
| 700 | 12.28 | 35.605 | 27.02 |
| 750 | 10.94 | 35.423 | 27.14 |
| 800 | 9.85 | 35.303 | 27.23 |
| 850 | 8.89 | 35.199 | 27.31 |
| 900 | 8.00 | 35.140 | 27.40 |
| 950 | 7.44 | 35.118 | 27.47 |
| 1000 | 6.62 | 35.092 | 27.56 |
| 1500 | 4.33 | 35.011 | 27.78 |
| 2000 | 3.78 | 34.988 | 27.82 |
| 2500 | 3.17 | 34.954 | 27.85 |
| 3000 | 2.69 | 34.927 | 27.88 |
| 3500 | 2.35 | 34.907 | 27.89 |
| 4000 | 2.24 | 34.895 | 27.89 |
| 4500 | 2.20 | 34.883 | 27.88 |
| 4502 | 2.20 | 34.884 | 27.88 |

RES-STACS23-86 CTD 21 RESEARCHER
Date 01 17 86 Latitude 28.688 N
Time 0529 Z Longitude 75.092 W



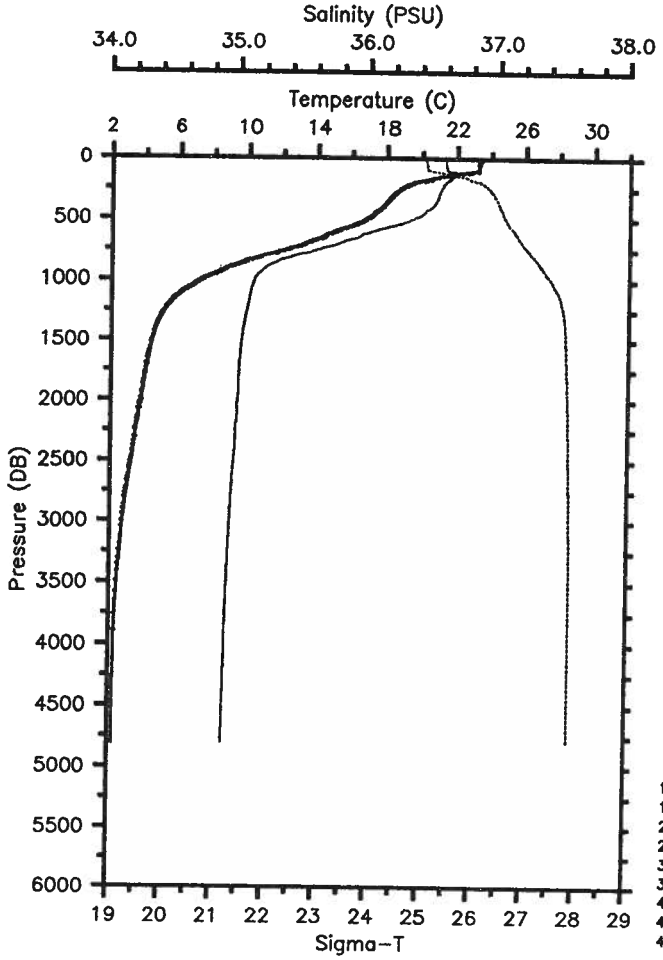

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 22.92 | 36.538 | 25.14 |
| 10 | 22.93 | 36.534 | 25.14 |
| 20 | 22.93 | 36.534 | 25.13 |
| 30 | 22.93 | 36.535 | 25.14 |
| 40 | 22.93 | 36.535 | 25.14 |
| 50 | 22.93 | 36.535 | 25.14 |
| 60 | 22.94 | 36.535 | 25.13 |
| 70 | 22.93 | 36.539 | 25.14 |
| 80 | 22.93 | 36.543 | 25.14 |
| 90 | 22.93 | 36.544 | 25.14 |
| 100 | 22.92 | 36.552 | 25.15 |
| 110 | 22.92 | 36.554 | 25.16 |
| 120 | 22.92 | 36.554 | 25.16 |
| 130 | 22.86 | 36.563 | 25.18 |
| 140 | 22.38 | 36.612 | 25.35 |
| 150 | 21.65 | 36.653 | 25.59 |
| 160 | 21.07 | 36.635 | 25.74 |
| 170 | 20.56 | 36.629 | 25.87 |
| 180 | 20.20 | 36.610 | 25.95 |
| 190 | 19.86 | 36.592 | 26.02 |
| 200 | 19.62 | 36.595 | 26.10 |
| 250 | 18.76 | 36.539 | 26.28 |
| 300 | 18.41 | 36.526 | 26.36 |
| 350 | 18.17 | 36.514 | 26.41 |
| 400 | 17.90 | 36.497 | 26.46 |
| 450 | 17.49 | 36.442 | 26.52 |
| 500 | 17.14 | 36.390 | 26.56 |
| 550 | 16.73 | 36.316 | 26.61 |
| 600 | 16.00 | 36.189 | 26.68 |
| 650 | 14.92 | 36.013 | 26.79 |
| 700 | 14.06 | 35.877 | 26.86 |
| 750 | 12.78 | 35.681 | 26.96 |
| 800 | 11.62 | 35.519 | 27.08 |
| 850 | 10.59 | 35.381 | 27.17 |
| 900 | 9.26 | 35.232 | 27.28 |
| 950 | 8.36 | 35.163 | 27.37 |
| 1000 | 7.43 | 35.113 | 27.47 |
| 1500 | 4.42 | 35.022 | 27.78 |
| 2000 | 3.77 | 34.991 | 27.82 |
| 2500 | 3.23 | 34.962 | 27.85 |
| 3000 | 2.81 | 34.935 | 27.87 |
| 3500 | 2.47 | 34.914 | 27.89 |
| 4000 | 2.29 | 34.900 | 27.89 |
| 4500 | 2.26 | 34.892 | 27.89 |
| 4896 | 2.23 | 34.881 | 27.88 |

RES-STACS23-86 CTD 22 RESEARCHER
Date 01 17 86 Latitude 28.205 N
Time 1429 Z Longitude 75.374 W



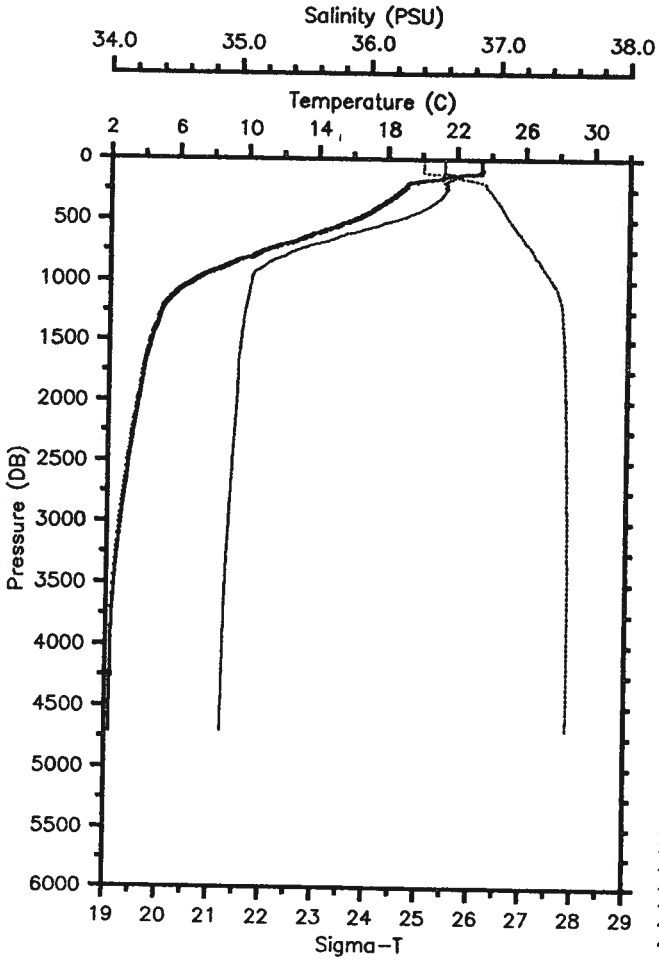

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 22.88 | 36.553 | 25.17 |
| 10 | 22.89 | 36.552 | 25.16 |
| 20 | 22.89 | 36.553 | 25.16 |
| 30 | 22.89 | 36.553 | 25.16 |
| 40 | 22.89 | 36.554 | 25.16 |
| 50 | 22.89 | 36.554 | 25.16 |
| 60 | 22.90 | 36.557 | 25.16 |
| 70 | 22.90 | 36.557 | 25.16 |
| 80 | 22.90 | 36.558 | 25.16 |
| 90 | 22.91 | 36.558 | 25.16 |
| 100 | 22.91 | 36.559 | 25.16 |
| 110 | 22.91 | 36.559 | 25.16 |
| 120 | 22.91 | 36.560 | 25.16 |
| 130 | 22.91 | 36.562 | 25.16 |
| 140 | 22.87 | 36.571 | 25.18 |
| 150 | 22.18 | 36.630 | 25.42 |
| 160 | 21.44 | 36.646 | 25.64 |
| 170 | 20.86 | 36.635 | 25.79 |
| 180 | 20.51 | 36.625 | 25.88 |
| 190 | 20.29 | 36.617 | 25.93 |
| 200 | 20.08 | 36.593 | 25.97 |
| 250 | 18.97 | 36.550 | 26.23 |
| 300 | 18.50 | 36.527 | 26.33 |
| 350 | 18.18 | 36.515 | 26.41 |
| 400 | 17.99 | 36.508 | 26.45 |
| 450 | 17.60 | 36.458 | 26.50 |
| 500 | 17.19 | 36.400 | 26.56 |
| 550 | 16.81 | 36.299 | 26.62 |
| 600 | 15.87 | 36.172 | 26.70 |
| 650 | 14.80 | 35.994 | 26.80 |
| 700 | 13.87 | 35.842 | 26.88 |
| 750 | 12.73 | 35.676 | 26.99 |
| 800 | 11.49 | 35.502 | 27.09 |
| 850 | 10.49 | 35.373 | 27.18 |
| 900 | 9.27 | 35.236 | 27.28 |
| 950 | 8.18 | 35.155 | 27.39 |
| 1000 | 7.45 | 35.113 | 27.46 |
| 1500 | 4.29 | 35.000 | 27.78 |
| 2000 | 3.75 | 34.987 | 27.82 |
| 2500 | 3.25 | 34.962 | 27.85 |
| 3000 | 2.80 | 34.935 | 27.87 |
| 3500 | 2.47 | 34.914 | 27.89 |
| 4000 | 2.31 | 34.901 | 27.89 |
| 4500 | 2.27 | 34.892 | 27.88 |
| 4800 | 2.26 | 34.887 | 27.88 |

RES-STACS23-86 CTD 23 RESEARCHER
Date 01 17 86 Latitude 27.792 N
Time 2323 Z Longitude 75.637 W




| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.29 | 36.578 | 25.06 |
| 10 | 23.30 | 36.576 | 25.06 |
| 20 | 23.30 | 36.576 | 25.06 |
| 30 | 23.30 | 36.577 | 25.06 |
| 40 | 23.29 | 36.577 | 25.06 |
| 50 | 23.26 | 36.577 | 25.07 |
| 60 | 23.24 | 36.577 | 25.08 |
| 70 | 23.24 | 36.579 | 25.08 |
| 80 | 23.24 | 36.580 | 25.08 |
| 90 | 23.23 | 36.581 | 25.08 |
| 100 | 23.20 | 36.586 | 25.10 |
| 110 | 22.86 | 36.607 | 25.21 |
| 120 | 22.40 | 36.658 | 25.38 |
| 130 | 21.81 | 36.645 | 25.54 |
| 140 | 21.57 | 36.640 | 25.60 |
| 150 | 21.01 | 36.637 | 25.76 |
| 160 | 20.65 | 36.625 | 25.84 |
| 170 | 20.50 | 36.617 | 25.88 |
| 180 | 20.19 | 36.604 | 25.95 |
| 190 | 19.77 | 36.589 | 26.05 |
| 200 | 19.50 | 36.577 | 26.11 |
| 250 | 18.74 | 36.541 | 26.28 |
| 300 | 18.32 | 36.523 | 26.37 |
| 350 | 18.01 | 36.505 | 26.44 |
| 400 | 17.69 | 36.470 | 26.49 |
| 450 | 17.28 | 36.411 | 26.55 |
| 500 | 16.78 | 36.330 | 26.60 |
| 550 | 16.09 | 36.201 | 26.67 |
| 600 | 15.09 | 36.039 | 26.77 |
| 650 | 14.32 | 35.914 | 26.84 |
| 700 | 13.31 | 35.761 | 26.94 |
| 750 | 12.29 | 35.618 | 27.03 |
| 800 | 10.99 | 35.437 | 27.14 |
| 850 | 9.82 | 35.295 | 27.23 |
| 900 | 8.85 | 35.198 | 27.32 |
| 950 | 8.09 | 35.146 | 27.40 |
| 1000 | 7.28 | 35.110 | 27.49 |
| 1500 | 4.41 | 35.016 | 27.78 |
| 2000 | 3.78 | 34.986 | 27.82 |
| 2500 | 3.24 | 34.961 | 27.85 |
| 3000 | 2.76 | 34.933 | 27.87 |
| 3500 | 2.47 | 34.915 | 27.89 |
| 4000 | 2.31 | 34.901 | 27.89 |
| 4500 | 2.28 | 34.893 | 27.89 |
| 4802 | 2.27 | 34.889 | 27.88 |

RES-STACS23-86 CTD 24 RESEARCHER
Date 01 18 86 Latitude 27.358 N
Time 0600 Z Longitude 75.892 W

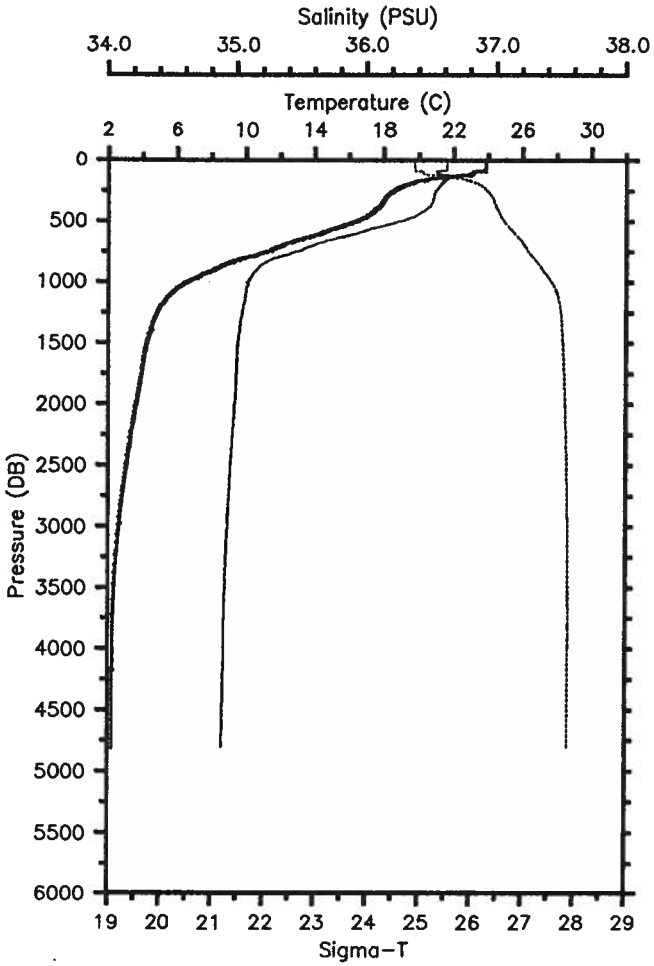



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.41 | 36.568 | 25.02 |
| 10 | 23.41 | 36.567 | 25.02 |
| 20 | 23.42 | 36.567 | 25.02 |
| 30 | 23.42 | 36.568 | 25.02 |
| 40 | 23.42 | 36.569 | 25.02 |
| 50 | 23.42 | 36.568 | 25.02 |
| 60 | 23.42 | 36.569 | 25.02 |
| 70 | 23.43 | 36.569 | 25.02 |
| 80 | 23.42 | 36.569 | 25.02 |
| 90 | 23.43 | 36.570 | 25.02 |
| 100 | 23.43 | 36.570 | 25.02 |
| 110 | 23.37 | 36.571 | 25.04 |
| 120 | 22.97 | 36.601 | 25.17 |
| 130 | 22.22 | 36.659 | 25.43 |
| 140 | 21.88 | 36.648 | 25.52 |
| 150 | 21.28 | 36.647 | 25.69 |
| 160 | 21.02 | 36.651 | 25.76 |
| 170 | 20.33 | 36.618 | 25.93 |
| 180 | 19.80 | 36.594 | 26.05 |
| 190 | 19.38 | 36.576 | 26.15 |
| 200 | 19.17 | 36.585 | 26.21 |
| 250 | 18.88 | 36.592 | 26.28 |
| 300 | 18.43 | 36.558 | 26.37 |
| 350 | 17.90 | 36.504 | 26.47 |
| 400 | 17.41 | 36.437 | 26.53 |
| 450 | 16.78 | 36.334 | 26.61 |
| 500 | 16.09 | 36.212 | 26.68 |
| 550 | 15.15 | 36.059 | 26.77 |
| 600 | 14.19 | 35.899 | 26.86 |
| 650 | 13.21 | 35.745 | 26.94 |
| 700 | 12.18 | 35.595 | 27.03 |
| 750 | 11.03 | 35.447 | 27.14 |
| 800 | 10.31 | 35.350 | 27.19 |
| 850 | 9.16 | 35.233 | 27.29 |
| 900 | 8.37 | 35.162 | 27.36 |
| 950 | 7.46 | 35.100 | 27.45 |
| 1000 | 6.86 | 35.089 | 27.53 |
| 1500 | 4.41 | 35.016 | 27.78 |
| 2000 | 3.72 | 34.987 | 27.83 |
| 2500 | 3.18 | 34.958 | 27.86 |
| 3000 | 2.75 | 34.934 | 27.88 |
| 3500 | 2.42 | 34.912 | 27.89 |
| 4000 | 2.29 | 34.900 | 27.89 |
| 4500 | 2.26 | 34.892 | 27.89 |
| 4702 | 2.25 | 34.889 | 27.88 |

RES-STACS23-86 CTD 25 RESEARCHER

Date 01 18 86 Latitude 26.904 N

Time 1203 Z Longitude 76.136 W

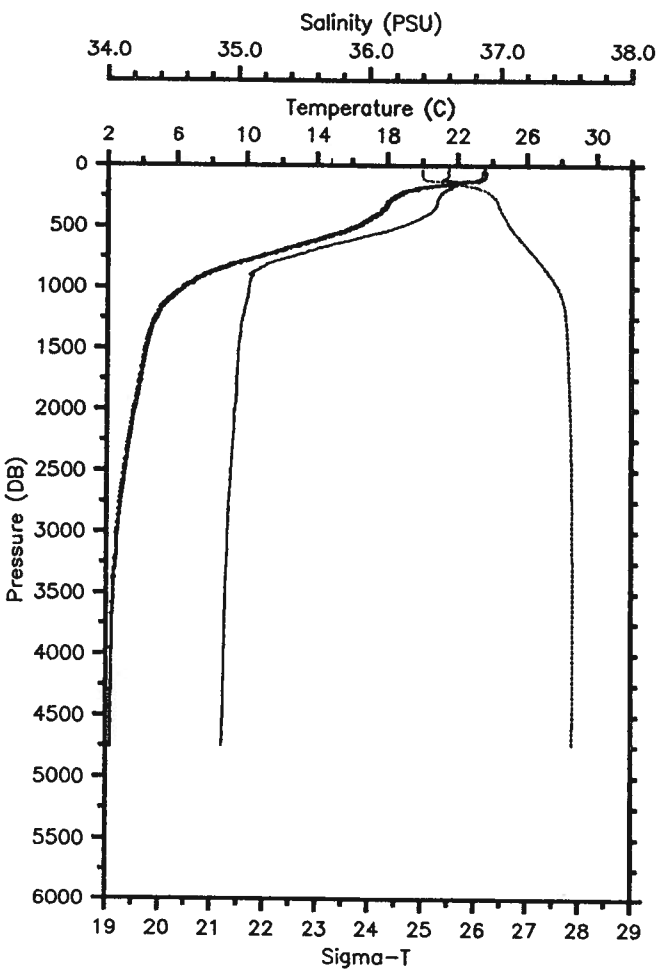



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.86 | 36.613 | 24.92 |
| 10 | 23.86 | 36.613 | 24.92 |
| 20 | 23.87 | 36.613 | 24.92 |
| 30 | 23.87 | 36.614 | 24.92 |
| 40 | 23.87 | 36.614 | 24.92 |
| 50 | 23.87 | 36.615 | 24.92 |
| 60 | 23.87 | 36.615 | 24.92 |
| 70 | 23.87 | 36.615 | 24.92 |
| 80 | 23.87 | 36.613 | 24.92 |
| 90 | 23.64 | 36.532 | 24.93 |
| 100 | 23.15 | 36.537 | 25.08 |
| 110 | 23.07 | 36.551 | 25.11 |
| 120 | 22.92 | 36.595 | 25.19 |
| 130 | 22.00 | 36.650 | 25.49 |
| 140 | 21.47 | 36.656 | 25.64 |
| 150 | 20.73 | 36.629 | 25.83 |
| 160 | 20.38 | 36.615 | 25.91 |
| 170 | 19.90 | 36.594 | 26.02 |
| 180 | 19.72 | 36.591 | 26.07 |
| 190 | 19.42 | 36.573 | 26.13 |
| 200 | 19.26 | 36.573 | 26.17 |
| 250 | 18.57 | 36.530 | 26.32 |
| 300 | 18.16 | 36.515 | 26.41 |
| 350 | 17.92 | 36.502 | 26.46 |
| 400 | 17.52 | 36.454 | 26.52 |
| 450 | 17.09 | 36.385 | 26.57 |
| 500 | 16.42 | 36.263 | 26.64 |
| 550 | 15.40 | 36.090 | 26.74 |
| 600 | 14.37 | 35.932 | 26.85 |
| 650 | 13.16 | 35.737 | 26.95 |
| 700 | 12.15 | 35.592 | 27.04 |
| 750 | 11.27 | 35.471 | 27.11 |
| 800 | 10.01 | 35.314 | 27.21 |
| 850 | 8.91 | 35.202 | 27.31 |
| 900 | 8.16 | 35.152 | 27.39 |
| 950 | 7.36 | 35.113 | 27.48 |
| 1000 | 6.61 | 35.079 | 27.56 |
| 1500 | 4.30 | 35.008 | 27.78 |
| 2000 | 3.67 | 34.982 | 27.83 |
| 2500 | 3.11 | 34.952 | 27.86 |
| 3000 | 2.67 | 34.929 | 27.88 |
| 3500 | 2.39 | 34.911 | 27.89 |
| 4000 | 2.30 | 34.901 | 27.89 |
| 4500 | 2.27 | 34.894 | 27.89 |
| 4806 | 2.26 | 34.887 | 27.88 |

RES-STACS23-86 CTD 26 RESEARCHER

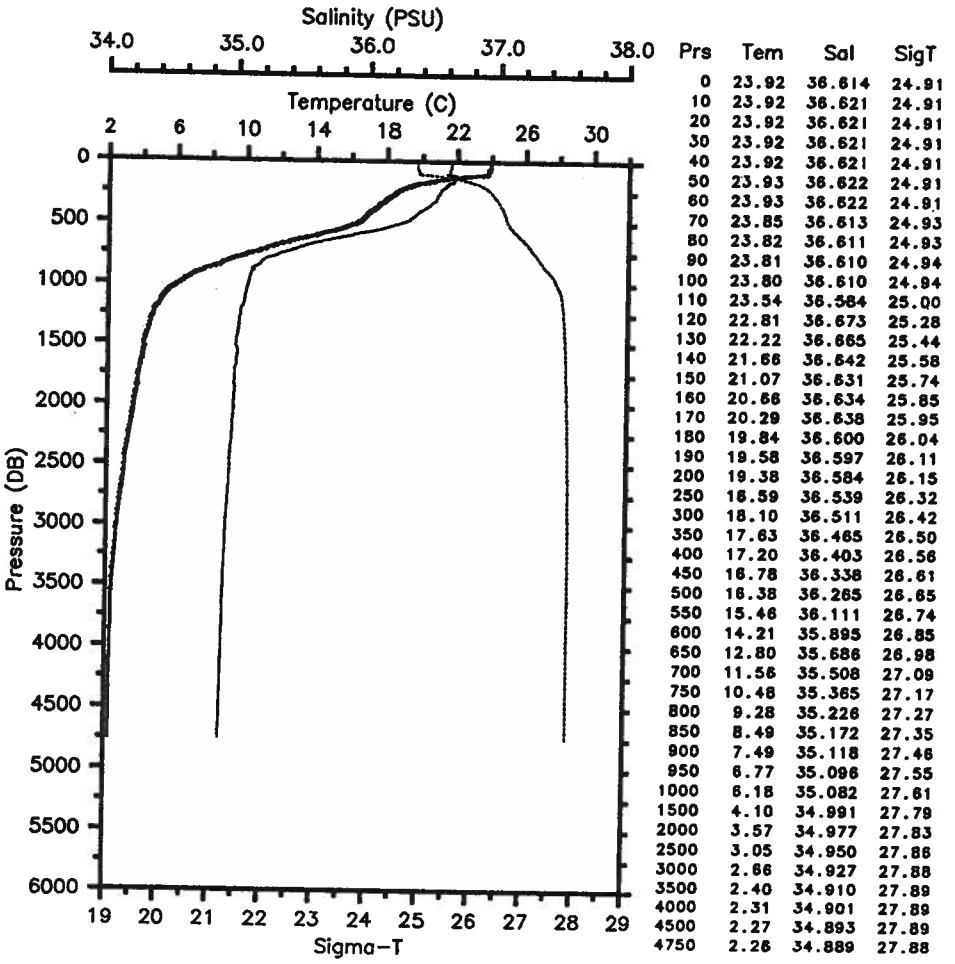
Date 01 18 86 Latitude 26.523 N

Time 1759 Z Longitude 76.393 W



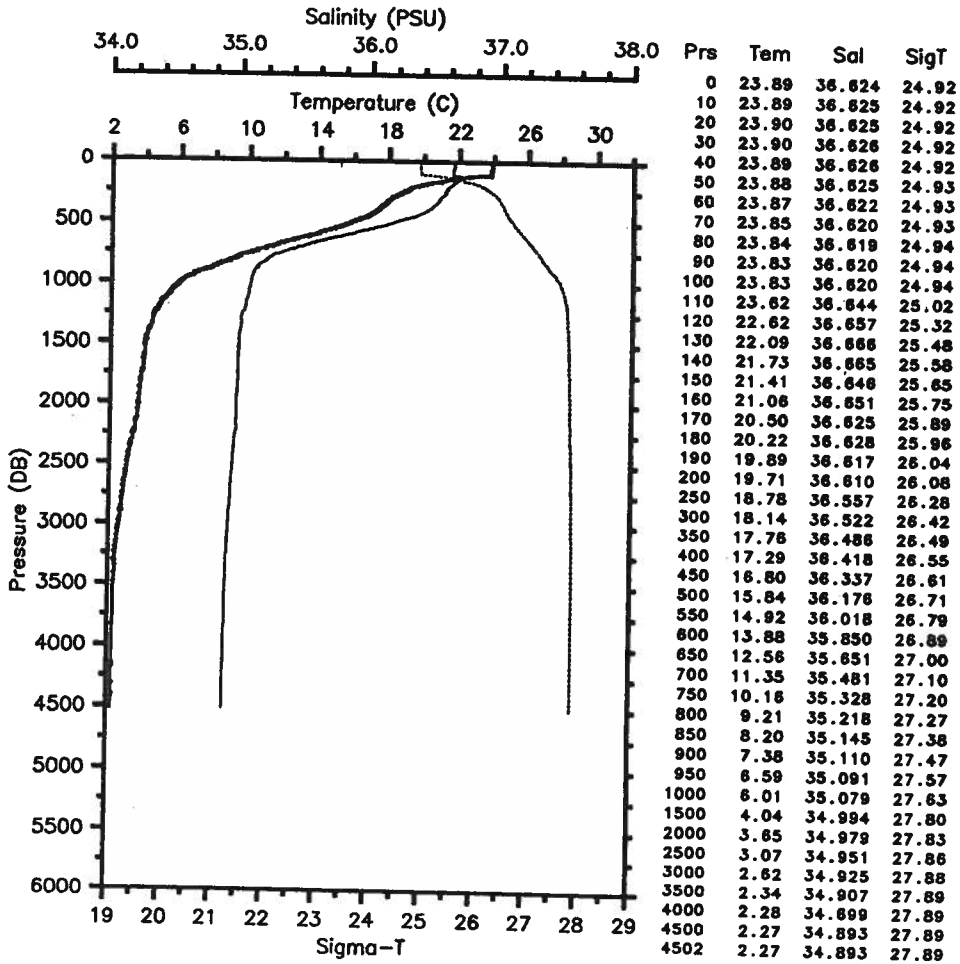

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.59 | 36.593 | 24.99 |
| 10 | 23.57 | 36.595 | 25.00 |
| 20 | 23.57 | 36.596 | 25.00 |
| 30 | 23.56 | 36.596 | 25.00 |
| 40 | 23.56 | 36.596 | 25.00 |
| 50 | 23.55 | 36.596 | 25.00 |
| 60 | 23.54 | 36.595 | 25.00 |
| 70 | 23.54 | 36.596 | 25.01 |
| 80 | 23.54 | 36.596 | 25.01 |
| 90 | 23.53 | 36.594 | 25.01 |
| 100 | 23.50 | 36.586 | 25.01 |
| 110 | 23.35 | 36.561 | 25.04 |
| 120 | 23.19 | 36.557 | 25.08 |
| 130 | 22.39 | 36.656 | 25.38 |
| 140 | 21.96 | 36.657 | 25.51 |
| 150 | 21.59 | 36.654 | 25.61 |
| 160 | 21.11 | 36.662 | 25.75 |
| 170 | 20.45 | 36.629 | 25.90 |
| 180 | 19.86 | 36.611 | 26.04 |
| 190 | 19.73 | 36.624 | 26.09 |
| 200 | 19.38 | 36.583 | 26.15 |
| 250 | 18.50 | 36.530 | 26.34 |
| 300 | 18.08 | 36.512 | 26.43 |
| 350 | 17.83 | 36.491 | 26.47 |
| 400 | 17.39 | 36.434 | 26.54 |
| 450 | 16.87 | 36.351 | 26.60 |
| 500 | 16.21 | 36.235 | 26.67 |
| 550 | 15.34 | 36.088 | 26.75 |
| 600 | 14.23 | 35.907 | 26.86 |
| 650 | 12.99 | 35.716 | 26.97 |
| 700 | 11.95 | 35.560 | 27.05 |
| 750 | 10.74 | 35.409 | 27.16 |
| 800 | 9.56 | 35.259 | 27.25 |
| 850 | 8.44 | 35.164 | 27.35 |
| 900 | 7.55 | 35.103 | 27.44 |
| 950 | 6.97 | 35.093 | 27.52 |
| 1000 | 6.39 | 35.084 | 27.59 |
| 1500 | 4.23 | 35.005 | 27.79 |
| 2000 | 3.57 | 34.976 | 27.83 |
| 2500 | 3.02 | 34.950 | 27.86 |
| 3000 | 2.60 | 34.925 | 27.88 |
| 3500 | 2.41 | 34.911 | 27.89 |
| 4000 | 2.30 | 34.902 | 27.89 |
| 4500 | 2.27 | 34.893 | 27.89 |
| 4750 | 2.26 | 34.887 | 27.88 |

RES-STACS23-86 CTD 27 RESEARCHER
Date 01 18 86 Latitude 26.556 N
Time 2237 Z Longitude 76.552 W




| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.92 | 36.614 | 24.91 |
| 10 | 23.92 | 36.621 | 24.91 |
| 20 | 23.92 | 36.621 | 24.91 |
| 30 | 23.92 | 36.621 | 24.91 |
| 40 | 23.92 | 36.621 | 24.91 |
| 50 | 23.93 | 36.622 | 24.91 |
| 60 | 23.93 | 36.622 | 24.91 |
| 70 | 23.85 | 36.613 | 24.93 |
| 80 | 23.82 | 36.611 | 24.93 |
| 90 | 23.81 | 36.610 | 24.94 |
| 100 | 23.80 | 36.610 | 24.94 |
| 110 | 23.54 | 36.584 | 25.00 |
| 120 | 22.81 | 36.673 | 25.28 |
| 130 | 22.22 | 36.665 | 25.44 |
| 140 | 21.66 | 36.642 | 25.58 |
| 150 | 21.07 | 36.631 | 25.74 |
| 160 | 20.66 | 36.634 | 25.85 |
| 170 | 20.29 | 36.638 | 25.95 |
| 180 | 19.84 | 36.600 | 26.04 |
| 190 | 19.58 | 36.597 | 26.11 |
| 200 | 19.38 | 36.584 | 26.15 |
| 250 | 18.59 | 36.539 | 26.32 |
| 300 | 18.10 | 36.511 | 26.42 |
| 350 | 17.63 | 36.465 | 26.50 |
| 400 | 17.20 | 36.403 | 26.56 |
| 450 | 16.78 | 36.338 | 26.61 |
| 500 | 16.38 | 36.265 | 26.65 |
| 550 | 15.46 | 36.111 | 26.74 |
| 600 | 14.21 | 35.895 | 26.85 |
| 650 | 12.80 | 35.686 | 26.98 |
| 700 | 11.56 | 35.508 | 27.09 |
| 750 | 10.48 | 35.365 | 27.17 |
| 800 | 9.28 | 35.226 | 27.27 |
| 850 | 8.49 | 35.172 | 27.35 |
| 900 | 7.49 | 35.118 | 27.46 |
| 950 | 6.77 | 35.096 | 27.55 |
| 1000 | 6.18 | 35.082 | 27.61 |
| 1500 | 4.10 | 34.991 | 27.79 |
| 2000 | 3.57 | 34.977 | 27.83 |
| 2500 | 3.05 | 34.950 | 27.86 |
| 3000 | 2.66 | 34.927 | 27.88 |
| 3500 | 2.40 | 34.910 | 27.89 |
| 4000 | 2.31 | 34.901 | 27.89 |
| 4500 | 2.27 | 34.893 | 27.89 |
| 4750 | 2.26 | 34.889 | 27.88 |

RES-STACS23-86 CTD 28 RESEARCHER
Date 01 19 86 Latitude 26.554 N
Time 0253 Z Longitude 76.634 W

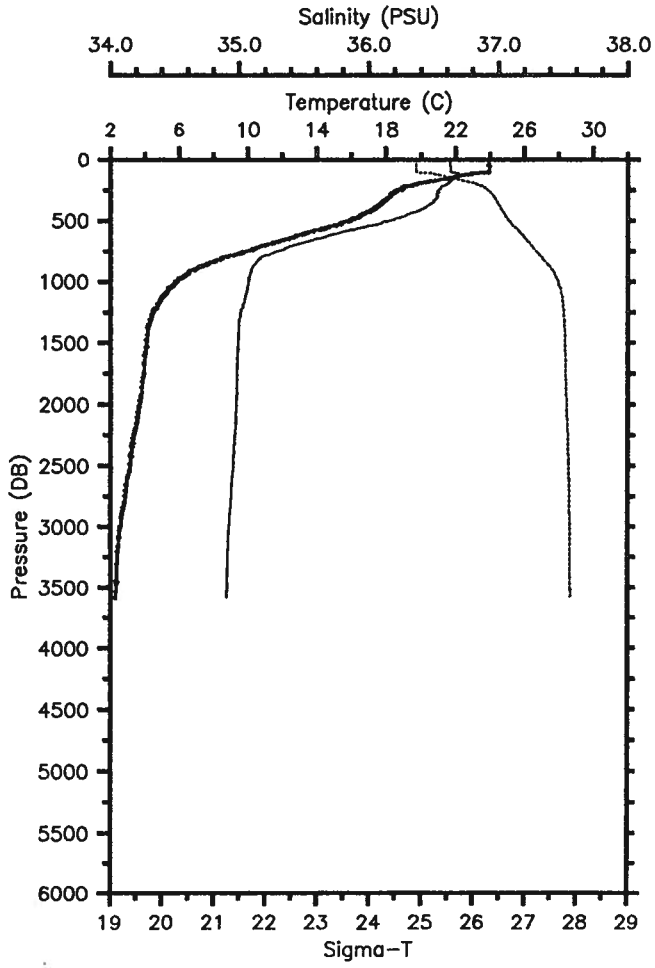



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.89 | 36.624 | 24.92 |
| 10 | 23.89 | 36.625 | 24.92 |
| 20 | 23.90 | 36.625 | 24.92 |
| 30 | 23.90 | 36.626 | 24.92 |
| 40 | 23.89 | 36.626 | 24.92 |
| 50 | 23.88 | 36.625 | 24.93 |
| 60 | 23.87 | 36.622 | 24.93 |
| 70 | 23.85 | 36.620 | 24.93 |
| 80 | 23.84 | 36.619 | 24.94 |
| 90 | 23.83 | 36.620 | 24.94 |
| 100 | 23.83 | 36.620 | 24.94 |
| 110 | 23.62 | 36.644 | 25.02 |
| 120 | 22.62 | 36.657 | 25.32 |
| 130 | 22.09 | 36.666 | 25.48 |
| 140 | 21.73 | 36.665 | 25.58 |
| 150 | 21.41 | 36.648 | 25.65 |
| 160 | 21.06 | 36.651 | 25.75 |
| 170 | 20.50 | 36.625 | 25.89 |
| 180 | 20.22 | 36.628 | 25.96 |
| 190 | 19.89 | 36.617 | 26.04 |
| 200 | 19.71 | 36.610 | 26.08 |
| 250 | 18.78 | 36.557 | 26.28 |
| 300 | 18.14 | 36.522 | 26.42 |
| 350 | 17.76 | 36.488 | 26.49 |
| 400 | 17.29 | 36.418 | 26.55 |
| 450 | 16.80 | 36.337 | 26.61 |
| 500 | 15.84 | 36.176 | 26.71 |
| 550 | 14.92 | 36.018 | 26.79 |
| 600 | 13.88 | 35.850 | 26.89 |
| 650 | 12.56 | 35.651 | 27.00 |
| 700 | 11.35 | 35.481 | 27.10 |
| 750 | 10.16 | 35.328 | 27.20 |
| 800 | 9.21 | 35.218 | 27.27 |
| 850 | 8.20 | 35.145 | 27.38 |
| 900 | 7.38 | 35.110 | 27.47 |
| 950 | 6.59 | 35.091 | 27.57 |
| 1000 | 6.01 | 35.079 | 27.63 |
| 1500 | 4.04 | 34.994 | 27.80 |
| 2000 | 3.65 | 34.979 | 27.83 |
| 2500 | 3.07 | 34.951 | 27.86 |
| 3000 | 2.62 | 34.925 | 27.88 |
| 3500 | 2.34 | 34.907 | 27.89 |
| 4000 | 2.28 | 34.899 | 27.89 |
| 4500 | 2.27 | 34.893 | 27.89 |
| 4502 | 2.27 | 34.893 | 27.89 |

RES-STACS23-86 CTD 29 RESEARCHER

Date 01 19 86 Latitude 26.551 N

Time 1541 Z Longitude 76.734 W

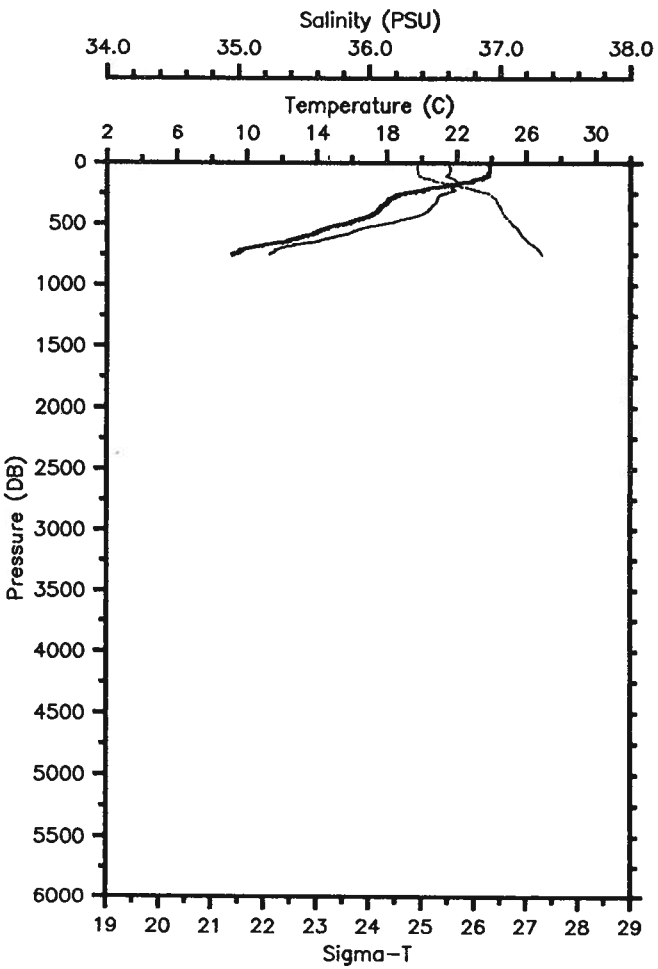



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.97 | 36.626 | 24.90 |
| 10 | 23.95 | 36.627 | 24.91 |
| 20 | 23.95 | 36.626 | 24.91 |
| 30 | 23.95 | 36.627 | 24.91 |
| 40 | 23.95 | 36.627 | 24.91 |
| 50 | 23.95 | 36.627 | 24.91 |
| 60 | 23.95 | 36.628 | 24.91 |
| 70 | 23.96 | 36.628 | 24.91 |
| 80 | 23.96 | 36.629 | 24.91 |
| 90 | 23.96 | 36.630 | 24.91 |
| 100 | 23.94 | 36.632 | 24.91 |
| 110 | 23.32 | 36.672 | 25.13 |
| 120 | 22.81 | 36.684 | 25.28 |
| 130 | 22.30 | 36.671 | 25.42 |
| 140 | 21.98 | 36.665 | 25.51 |
| 150 | 21.63 | 36.660 | 25.60 |
| 160 | 21.24 | 36.648 | 25.70 |
| 170 | 20.90 | 36.641 | 25.79 |
| 180 | 20.42 | 36.629 | 25.91 |
| 190 | 20.02 | 36.614 | 26.00 |
| 200 | 19.71 | 36.594 | 26.07 |
| 250 | 18.64 | 36.531 | 26.30 |
| 300 | 18.19 | 36.523 | 26.41 |
| 350 | 17.80 | 36.490 | 26.48 |
| 400 | 17.31 | 36.419 | 26.55 |
| 450 | 16.60 | 36.299 | 26.62 |
| 500 | 15.81 | 36.165 | 26.70 |
| 550 | 14.70 | 35.983 | 26.81 |
| 600 | 13.40 | 35.777 | 26.93 |
| 650 | 12.22 | 35.600 | 27.03 |
| 700 | 11.02 | 35.434 | 27.13 |
| 750 | 9.88 | 35.304 | 27.23 |
| 800 | 8.58 | 35.166 | 27.34 |
| 850 | 7.72 | 35.123 | 27.43 |
| 900 | 6.93 | 35.098 | 27.53 |
| 950 | 6.34 | 35.080 | 27.59 |
| 1000 | 5.81 | 35.073 | 27.65 |
| 1500 | 4.12 | 34.992 | 27.79 |
| 2000 | 3.72 | 34.980 | 27.82 |
| 2500 | 3.15 | 34.955 | 27.86 |
| 3000 | 2.58 | 34.921 | 27.88 |
| 3500 | 2.34 | 34.904 | 27.89 |
| 3582 | 2.29 | 34.902 | 27.89 |

RES-STACS23-86 CTD 30 RESEARCHER

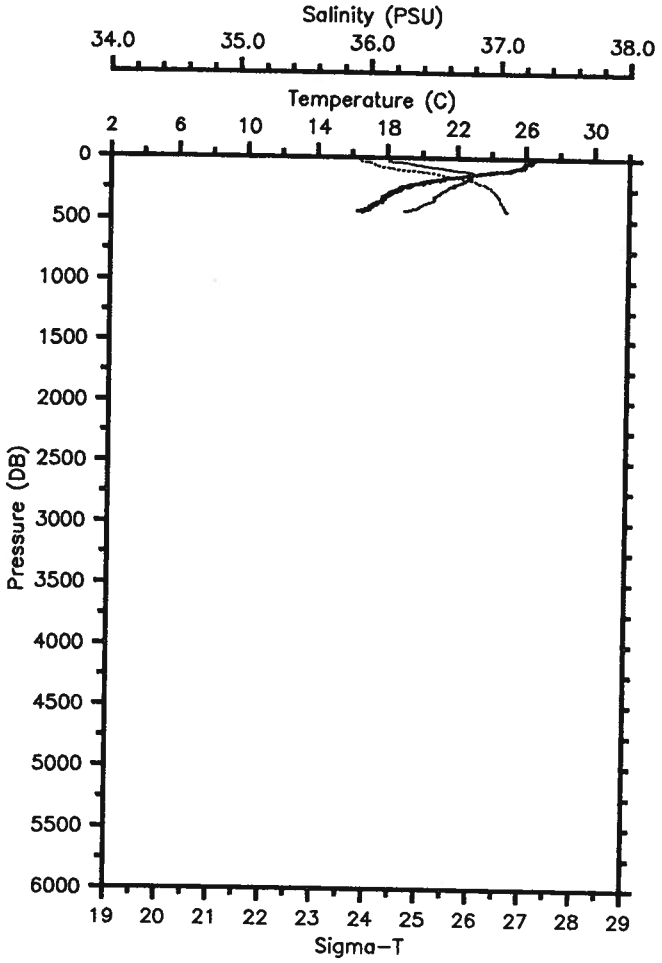
Date 01 19 86 Latitude 26.552 N

Time 1957 Z Longitude 76.840 W



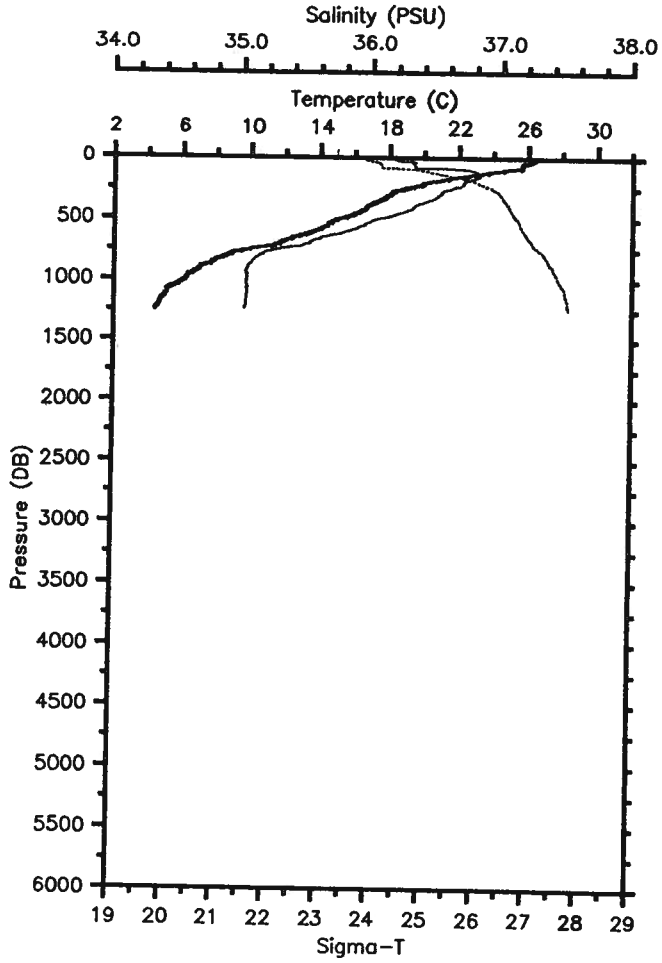

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.85 | 36.603 | 24.92 |
| 10 | 23.84 | 36.601 | 24.92 |
| 20 | 23.87 | 36.610 | 24.92 |
| 30 | 23.87 | 36.611 | 24.92 |
| 40 | 23.88 | 36.616 | 24.92 |
| 50 | 23.88 | 36.616 | 24.92 |
| 60 | 23.89 | 36.618 | 24.92 |
| 70 | 23.88 | 36.616 | 24.92 |
| 80 | 23.86 | 36.614 | 24.92 |
| 90 | 23.84 | 36.611 | 24.93 |
| 100 | 23.78 | 36.601 | 24.94 |
| 110 | 23.60 | 36.582 | 24.98 |
| 120 | 23.52 | 36.618 | 25.03 |
| 130 | 23.23 | 36.642 | 25.13 |
| 140 | 22.96 | 36.656 | 25.22 |
| 150 | 22.90 | 36.665 | 25.25 |
| 160 | 22.43 | 36.671 | 25.38 |
| 170 | 22.05 | 36.690 | 25.51 |
| 180 | 21.60 | 36.660 | 25.61 |
| 190 | 21.35 | 36.653 | 25.67 |
| 200 | 20.88 | 36.626 | 25.78 |
| 250 | 18.95 | 36.587 | 26.26 |
| 300 | 18.16 | 36.516 | 26.41 |
| 350 | 17.74 | 36.484 | 26.49 |
| 400 | 17.44 | 36.443 | 26.53 |
| 450 | 16.62 | 36.306 | 26.62 |
| 500 | 15.56 | 36.123 | 26.73 |
| 550 | 14.26 | 35.908 | 26.85 |
| 600 | 13.33 | 35.763 | 26.93 |
| 650 | 12.14 | 35.592 | 27.04 |
| 700 | 10.09 | 35.332 | 27.22 |
| 750 | 9.19 | 35.240 | 27.29 |
| 752 | 9.17 | 35.236 | 27.29 |

RES-STACS23-86 CTD 31 RESEARCHER
Date 01 21 86 Latitude 20.802 N
Time 0413 Z Longitude 73.150 W



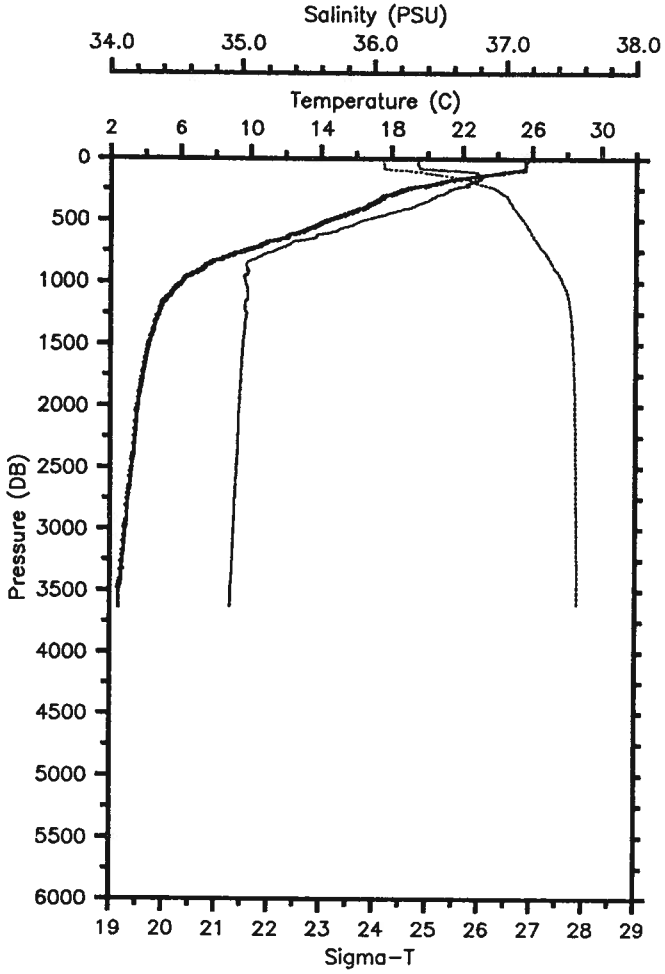

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.46 | 36.153 | 23.78 |
| 10 | 26.44 | 36.152 | 23.78 |
| 20 | 26.36 | 36.155 | 23.81 |
| 30 | 26.31 | 36.152 | 23.83 |
| 40 | 26.04 | 36.239 | 23.98 |
| 50 | 25.96 | 36.308 | 24.05 |
| 60 | 25.94 | 36.362 | 24.10 |
| 70 | 25.86 | 36.431 | 24.18 |
| 80 | 25.57 | 36.506 | 24.32 |
| 90 | 25.27 | 36.584 | 24.48 |
| 100 | 25.03 | 36.641 | 24.59 |
| 110 | 24.23 | 36.739 | 24.91 |
| 120 | 23.62 | 36.782 | 25.12 |
| 130 | 23.16 | 36.774 | 25.25 |
| 140 | 22.66 | 36.773 | 25.40 |
| 150 | 22.29 | 36.769 | 25.50 |
| 160 | 21.71 | 36.771 | 25.66 |
| 170 | 21.27 | 36.766 | 25.78 |
| 180 | 20.85 | 36.739 | 25.88 |
| 190 | 20.40 | 36.734 | 26.00 |
| 200 | 19.98 | 36.687 | 26.07 |
| 250 | 18.73 | 36.597 | 26.33 |
| 300 | 18.04 | 36.526 | 26.45 |
| 350 | 17.70 | 36.485 | 26.50 |
| 400 | 17.02 | 36.372 | 26.58 |
| 434 | 16.35 | 36.257 | 26.65 |

RES-STACS23-86 CTD 32 RESEARCHER
Date 01 21 86 Latitude 20.735 N
Time 0625 Z Longitude 73.135 W



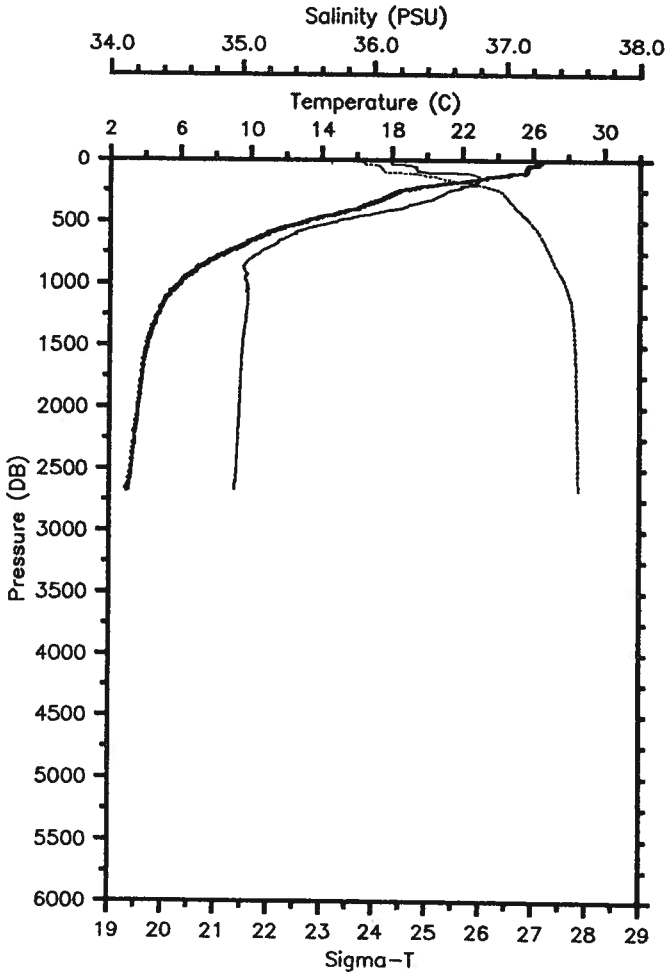

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.38 | 36.149 | 23.80 |
| 10 | 26.38 | 36.148 | 23.80 |
| 20 | 26.22 | 36.184 | 23.88 |
| 30 | 26.09 | 36.197 | 23.93 |
| 40 | 25.80 | 36.299 | 24.10 |
| 50 | 25.68 | 36.316 | 24.15 |
| 60 | 25.64 | 36.323 | 24.16 |
| 70 | 25.63 | 36.327 | 24.17 |
| 80 | 25.61 | 36.328 | 24.18 |
| 90 | 25.05 | 36.643 | 24.59 |
| 100 | 24.58 | 36.745 | 24.81 |
| 110 | 23.95 | 36.790 | 25.03 |
| 120 | 23.72 | 36.808 | 25.11 |
| 130 | 23.20 | 36.803 | 25.26 |
| 140 | 22.71 | 36.788 | 25.39 |
| 150 | 22.39 | 36.790 | 25.49 |
| 160 | 21.73 | 36.807 | 25.69 |
| 170 | 21.44 | 36.782 | 25.75 |
| 180 | 21.06 | 36.755 | 25.83 |
| 190 | 20.62 | 36.723 | 25.93 |
| 200 | 20.22 | 36.705 | 26.02 |
| 250 | 18.89 | 36.611 | 26.30 |
| 300 | 18.03 | 36.523 | 26.45 |
| 350 | 17.39 | 36.436 | 26.54 |
| 400 | 16.70 | 36.323 | 26.62 |
| 450 | 16.12 | 36.224 | 26.68 |
| 500 | 14.99 | 36.032 | 26.79 |
| 550 | 14.45 | 35.945 | 26.84 |
| 600 | 13.69 | 35.819 | 26.90 |
| 650 | 12.49 | 35.610 | 26.99 |
| 700 | 11.66 | 35.522 | 27.08 |
| 750 | 9.99 | 35.286 | 27.20 |
| 800 | 8.56 | 35.136 | 27.32 |
| 850 | 7.78 | 35.071 | 27.38 |
| 900 | 7.02 | 35.039 | 27.47 |
| 950 | 6.55 | 35.030 | 27.53 |
| 1000 | 6.16 | 35.032 | 27.58 |
| 1242 | 4.41 | 35.017 | 27.78 |

RES-STACS23-86 CTD 33 RESEARCHER
Date 01 21 86 Latitude 20.569 N
Time 0922 Z Longitude 73.070 W



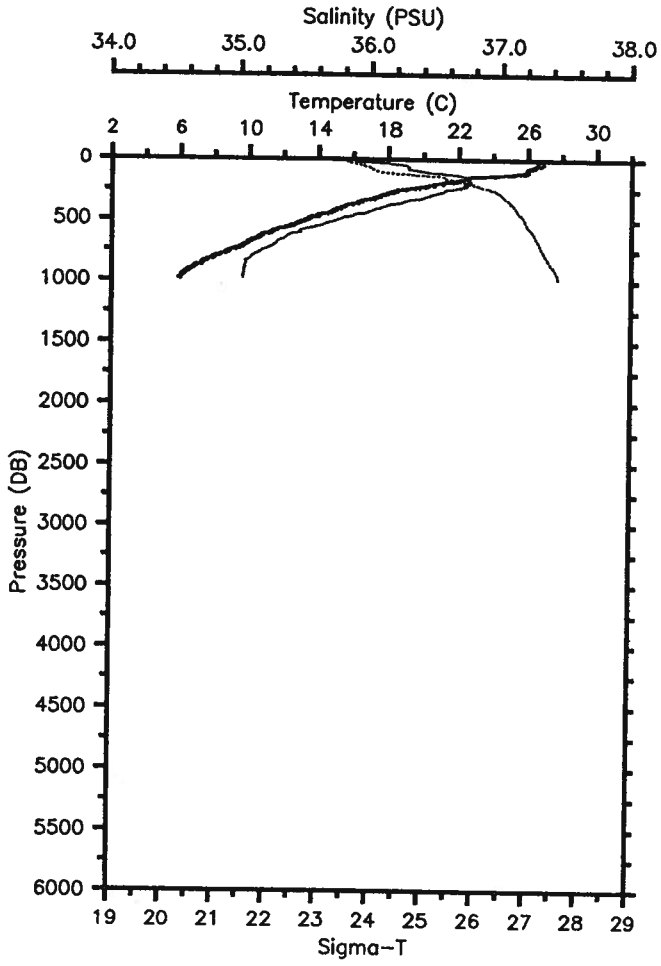

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.70 | 36.341 | 24.16 |
| 10 | 25.70 | 36.338 | 24.16 |
| 20 | 25.62 | 36.328 | 24.17 |
| 30 | 25.60 | 36.329 | 24.18 |
| 40 | 25.59 | 36.327 | 24.18 |
| 50 | 25.59 | 36.331 | 24.18 |
| 60 | 25.59 | 36.332 | 24.19 |
| 70 | 25.60 | 36.336 | 24.19 |
| 80 | 25.60 | 36.341 | 24.19 |
| 90 | 25.50 | 36.474 | 24.32 |
| 100 | 24.92 | 36.647 | 24.63 |
| 110 | 24.35 | 36.768 | 24.89 |
| 120 | 24.11 | 36.787 | 24.98 |
| 130 | 23.48 | 36.775 | 25.16 |
| 140 | 22.96 | 36.797 | 25.33 |
| 150 | 22.51 | 36.821 | 25.48 |
| 160 | 21.92 | 36.791 | 25.62 |
| 170 | 21.58 | 36.810 | 25.73 |
| 180 | 21.09 | 36.757 | 25.82 |
| 190 | 20.88 | 36.747 | 25.87 |
| 200 | 20.66 | 36.726 | 25.92 |
| 250 | 18.82 | 36.591 | 26.30 |
| 300 | 17.73 | 36.482 | 26.49 |
| 350 | 17.15 | 36.394 | 26.56 |
| 400 | 16.47 | 36.281 | 26.64 |
| 450 | 15.43 | 36.100 | 26.74 |
| 500 | 14.46 | 35.936 | 26.83 |
| 550 | 13.70 | 35.820 | 26.90 |
| 600 | 12.81 | 35.678 | 26.97 |
| 650 | 12.01 | 35.552 | 27.03 |
| 700 | 10.71 | 35.364 | 27.13 |
| 750 | 9.64 | 35.246 | 27.22 |
| 800 | 8.63 | 35.138 | 27.30 |
| 850 | 7.66 | 35.036 | 27.37 |
| 900 | 7.21 | 35.041 | 27.44 |
| 950 | 6.41 | 35.015 | 27.53 |
| 1000 | 6.08 | 35.026 | 27.58 |
| 1500 | 4.21 | 35.009 | 27.79 |
| 2000 | 3.59 | 34.981 | 27.83 |
| 2500 | 3.23 | 34.961 | 27.85 |
| 3000 | 2.85 | 34.938 | 27.87 |
| 3500 | 2.49 | 34.915 | 27.88 |
| 3622 | 2.48 | 34.915 | 27.89 |

RES-STACS23-86 CTD 34 RESEARCHER
Date 01 21 86 Latitude 20.342 N
Time 1303 Z Longitude 73.022 W



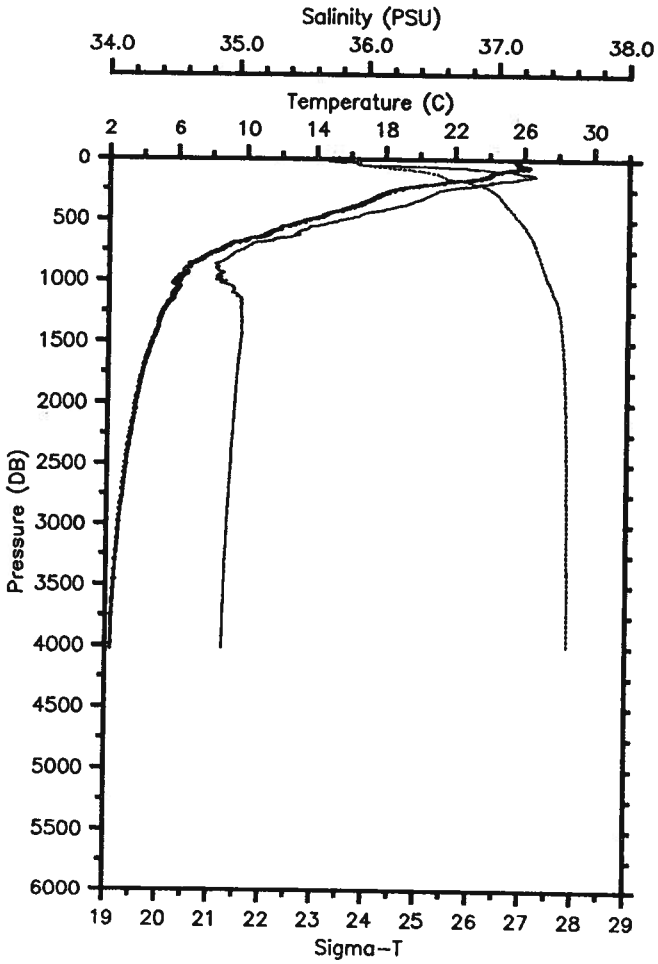

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.49 | 36.142 | 23.76 |
| 10 | 26.48 | 36.143 | 23.76 |
| 20 | 26.39 | 36.128 | 23.78 |
| 30 | 26.28 | 36.129 | 23.82 |
| 40 | 26.11 | 36.210 | 23.93 |
| 50 | 25.77 | 36.291 | 24.10 |
| 60 | 25.70 | 36.319 | 24.14 |
| 70 | 25.68 | 36.318 | 24.15 |
| 80 | 25.63 | 36.323 | 24.17 |
| 90 | 25.61 | 36.330 | 24.18 |
| 100 | 25.60 | 36.372 | 24.21 |
| 110 | 25.08 | 36.658 | 24.59 |
| 120 | 24.59 | 36.750 | 24.81 |
| 130 | 24.11 | 36.783 | 24.98 |
| 140 | 23.44 | 36.786 | 25.18 |
| 150 | 23.31 | 36.796 | 25.23 |
| 160 | 22.99 | 36.795 | 25.32 |
| 170 | 22.41 | 36.779 | 25.47 |
| 180 | 21.94 | 36.768 | 25.60 |
| 190 | 21.30 | 36.760 | 25.77 |
| 200 | 20.75 | 36.754 | 25.91 |
| 250 | 18.59 | 36.578 | 26.35 |
| 300 | 17.76 | 36.485 | 26.49 |
| 350 | 16.90 | 36.340 | 26.58 |
| 400 | 16.06 | 36.200 | 26.67 |
| 450 | 14.64 | 35.961 | 26.81 |
| 500 | 13.17 | 35.724 | 26.94 |
| 550 | 11.93 | 35.534 | 27.04 |
| 600 | 10.95 | 35.399 | 27.11 |
| 650 | 10.25 | 35.316 | 27.17 |
| 700 | 9.52 | 35.235 | 27.24 |
| 750 | 8.66 | 35.140 | 27.30 |
| 800 | 8.02 | 35.076 | 27.35 |
| 850 | 7.33 | 35.020 | 27.41 |
| 900 | 6.87 | 35.018 | 27.47 |
| 950 | 6.30 | 35.023 | 27.55 |
| 1000 | 6.01 | 35.035 | 27.60 |
| 1500 | 4.13 | 35.005 | 27.80 |
| 2000 | 3.61 | 34.982 | 27.83 |
| 2500 | 3.22 | 34.961 | 27.85 |
| 2664 | 3.00 | 34.949 | 27.87 |

RES-STACS23-86 CTD 36 RESEARCHER
Date 01 21 86 Latitude 20.150 N
Time 2220 Z Longitude 72.952 W



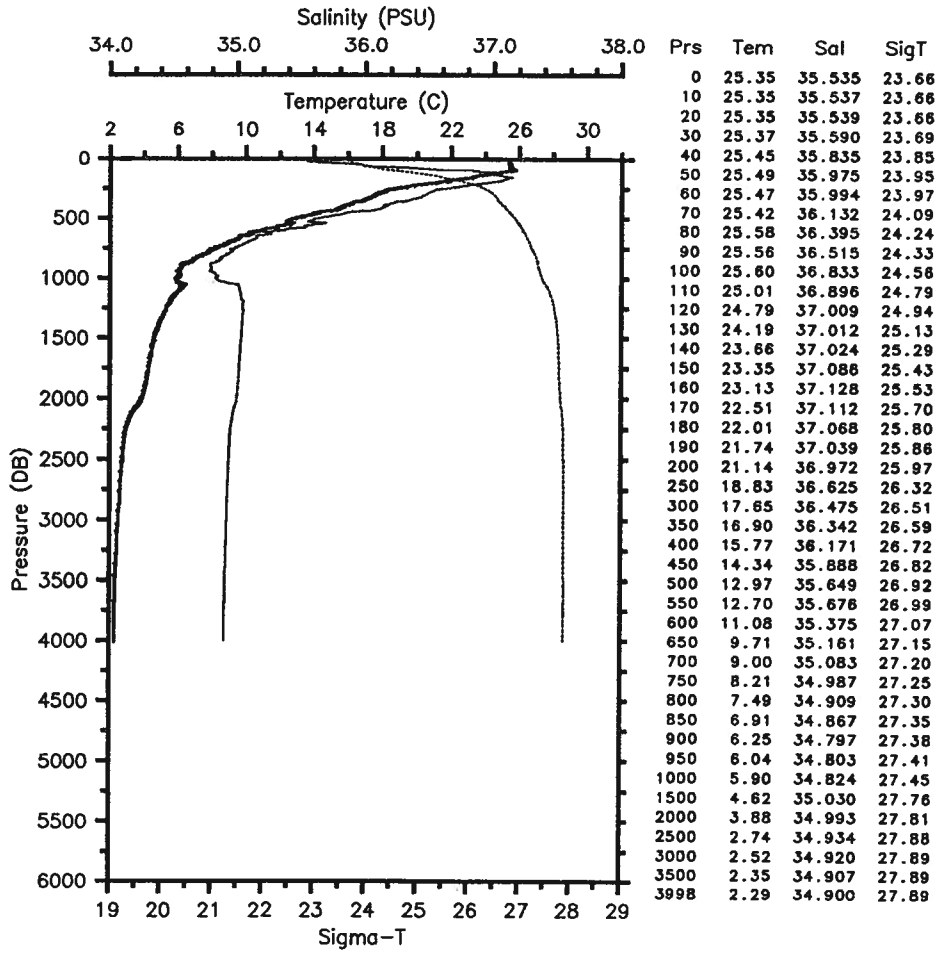

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.89 | 35.854 | 23.42 |
| 10 | 26.71 | 35.857 | 23.48 |
| 20 | 26.58 | 35.878 | 23.53 |
| 30 | 26.81 | 36.037 | 23.58 |
| 40 | 26.73 | 36.174 | 23.71 |
| 50 | 26.50 | 36.268 | 23.85 |
| 60 | 26.38 | 36.278 | 23.90 |
| 70 | 26.11 | 36.290 | 23.99 |
| 80 | 26.00 | 36.287 | 24.02 |
| 90 | 25.94 | 36.332 | 24.08 |
| 100 | 25.93 | 36.394 | 24.13 |
| 110 | 25.65 | 36.472 | 24.27 |
| 120 | 25.00 | 36.580 | 24.56 |
| 130 | 24.18 | 36.663 | 24.86 |
| 140 | 22.89 | 36.714 | 25.28 |
| 150 | 22.60 | 36.748 | 25.39 |
| 160 | 22.41 | 36.744 | 25.45 |
| 170 | 22.02 | 36.747 | 25.56 |
| 180 | 21.76 | 36.761 | 25.64 |
| 190 | 21.17 | 36.745 | 25.79 |
| 200 | 20.61 | 36.732 | 25.94 |
| 250 | 18.66 | 36.572 | 26.33 |
| 300 | 17.56 | 36.450 | 26.51 |
| 350 | 16.38 | 36.255 | 26.64 |
| 400 | 15.30 | 36.074 | 26.75 |
| 450 | 14.49 | 35.943 | 26.83 |
| 500 | 13.28 | 35.744 | 26.93 |
| 550 | 12.38 | 35.604 | 27.00 |
| 600 | 11.32 | 35.451 | 27.09 |
| 650 | 10.49 | 35.342 | 27.15 |
| 700 | 9.82 | 35.273 | 27.21 |
| 750 | 8.95 | 35.170 | 27.28 |
| 800 | 8.03 | 35.083 | 27.35 |
| 850 | 7.31 | 35.036 | 27.42 |
| 900 | 6.67 | 35.028 | 27.51 |
| 950 | 6.15 | 35.019 | 27.57 |
| 982 | 5.94 | 35.015 | 27.59 |

RES-STACS23-86 CTD 37 RESEARCHER
Date 01 23 86 Latitude 20.268 N
Time 0300 Z Longitude 66.117 W



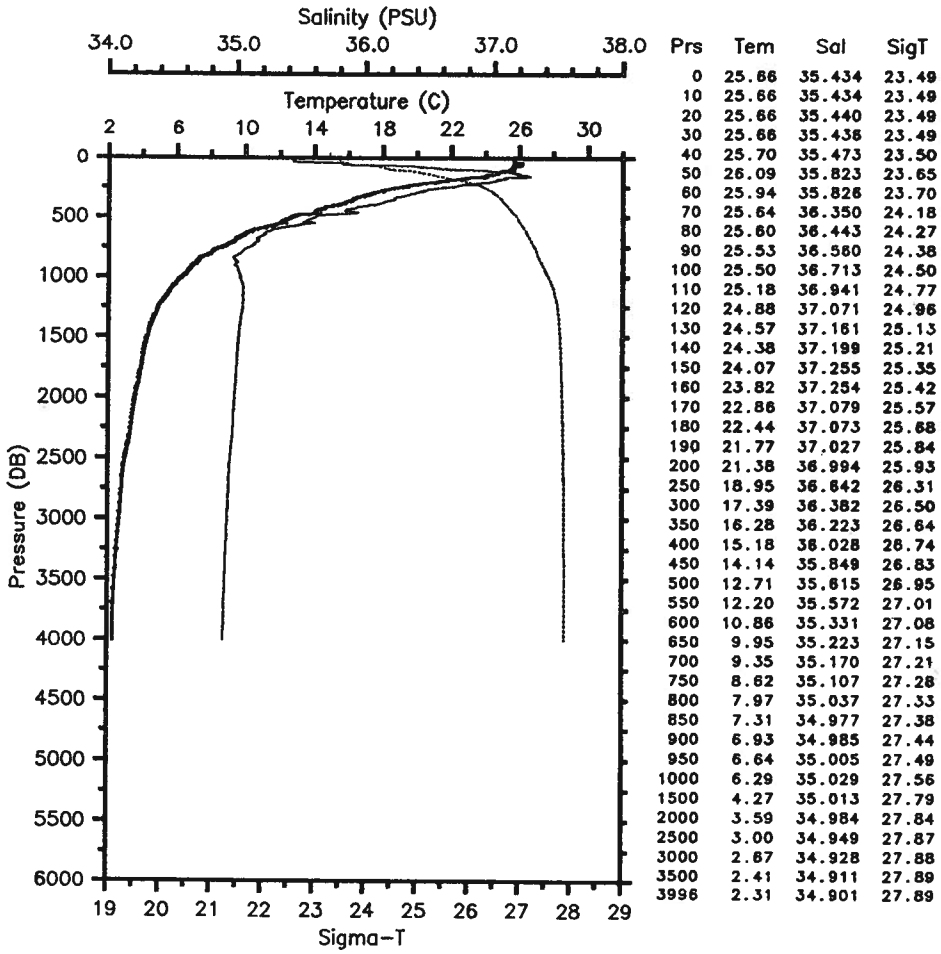

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.50 | 35.680 | 23.72 |
| 10 | 25.48 | 35.687 | 23.73 |
| 20 | 25.51 | 35.717 | 23.75 |
| 30 | 25.68 | 35.907 | 23.84 |
| 40 | 25.67 | 35.906 | 23.84 |
| 50 | 25.69 | 35.937 | 23.86 |
| 60 | 26.19 | 36.440 | 24.08 |
| 70 | 26.19 | 36.700 | 24.28 |
| 80 | 25.54 | 36.850 | 24.59 |
| 90 | 24.99 | 36.953 | 24.84 |
| 100 | 24.67 | 37.106 | 25.05 |
| 110 | 24.30 | 37.148 | 25.20 |
| 120 | 24.14 | 37.197 | 25.28 |
| 130 | 24.03 | 37.282 | 25.38 |
| 140 | 23.80 | 37.244 | 25.42 |
| 150 | 23.47 | 37.202 | 25.48 |
| 160 | 23.10 | 37.147 | 25.55 |
| 170 | 22.72 | 37.113 | 25.64 |
| 180 | 21.93 | 37.021 | 25.79 |
| 190 | 21.36 | 36.954 | 25.90 |
| 200 | 21.03 | 36.948 | 25.99 |
| 250 | 18.64 | 36.596 | 26.35 |
| 300 | 17.65 | 36.475 | 26.51 |
| 350 | 16.90 | 36.355 | 26.59 |
| 400 | 15.93 | 36.191 | 26.70 |
| 450 | 14.65 | 35.971 | 26.81 |
| 500 | 13.60 | 35.810 | 26.91 |
| 550 | 12.44 | 35.618 | 27.00 |
| 600 | 11.44 | 35.471 | 27.08 |
| 650 | 10.71 | 35.397 | 27.16 |
| 700 | 9.05 | 35.104 | 27.21 |
| 750 | 8.50 | 35.039 | 27.25 |
| 800 | 7.68 | 34.948 | 27.30 |
| 850 | 6.98 | 34.866 | 27.34 |
| 900 | 6.45 | 34.825 | 27.38 |
| 950 | 6.33 | 34.859 | 27.42 |
| 1000 | 5.84 | 34.833 | 27.46 |
| 1500 | 4.53 | 35.025 | 27.77 |
| 2000 | 3.64 | 34.985 | 27.83 |
| 2500 | 3.10 | 34.955 | 27.86 |
| 3000 | 2.69 | 34.928 | 27.88 |
| 3500 | 2.43 | 34.911 | 27.89 |
| 4000 | 2.31 | 34.900 | 27.89 |
| 4012 | 2.31 | 34.900 | 27.89 |

RES-STACS23-86 CTD 38 RESEARCHER
Date 01 23 86 Latitude 19.936 N
Time 0904 Z Longitude 66.133 W



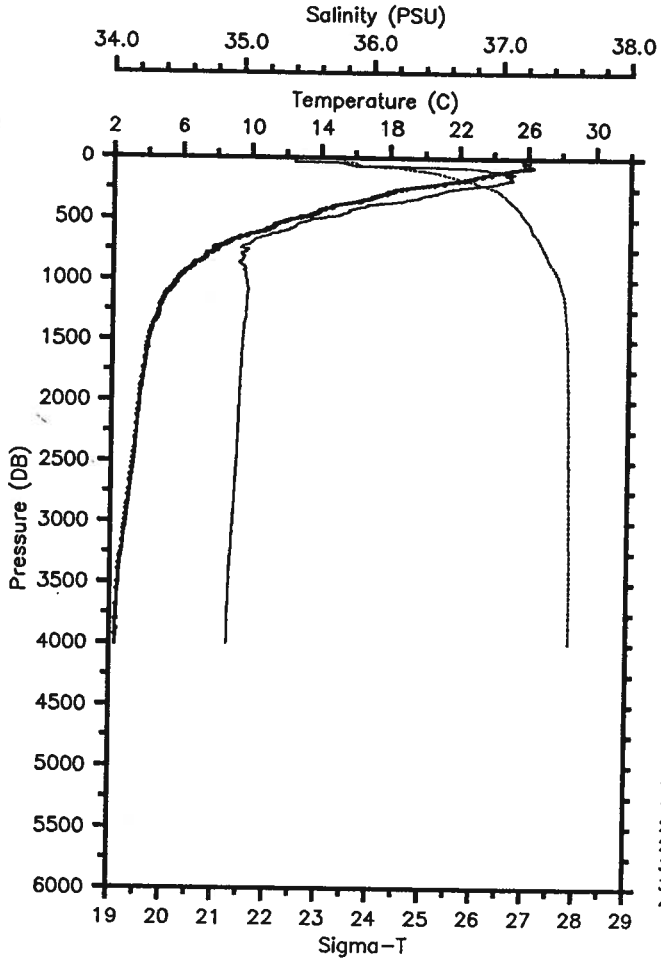

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.35 | 35.535 | 23.66 |
| 10 | 25.35 | 35.537 | 23.66 |
| 20 | 25.35 | 35.539 | 23.66 |
| 30 | 25.37 | 35.590 | 23.69 |
| 40 | 25.45 | 35.835 | 23.85 |
| 50 | 25.49 | 35.975 | 23.95 |
| 60 | 25.47 | 35.994 | 23.97 |
| 70 | 25.42 | 36.132 | 24.09 |
| 80 | 25.58 | 36.395 | 24.24 |
| 90 | 25.56 | 36.515 | 24.33 |
| 100 | 25.60 | 36.833 | 24.56 |
| 110 | 25.01 | 36.896 | 24.79 |
| 120 | 24.79 | 37.009 | 24.94 |
| 130 | 24.19 | 37.012 | 25.13 |
| 140 | 23.66 | 37.024 | 25.29 |
| 150 | 23.35 | 37.088 | 25.43 |
| 160 | 23.13 | 37.128 | 25.53 |
| 170 | 22.51 | 37.112 | 25.70 |
| 180 | 22.01 | 37.068 | 25.80 |
| 190 | 21.74 | 37.039 | 25.86 |
| 200 | 21.14 | 36.972 | 25.97 |
| 250 | 18.83 | 36.625 | 26.32 |
| 300 | 17.65 | 36.475 | 26.51 |
| 350 | 16.90 | 36.342 | 26.59 |
| 400 | 15.77 | 36.171 | 26.72 |
| 450 | 14.34 | 35.888 | 26.82 |
| 500 | 12.97 | 35.649 | 26.92 |
| 550 | 12.70 | 35.676 | 26.99 |
| 600 | 11.08 | 35.375 | 27.07 |
| 650 | 9.71 | 35.161 | 27.15 |
| 700 | 9.00 | 35.083 | 27.20 |
| 750 | 8.21 | 34.987 | 27.25 |
| 800 | 7.49 | 34.909 | 27.30 |
| 850 | 6.91 | 34.867 | 27.35 |
| 900 | 6.25 | 34.797 | 27.38 |
| 950 | 6.04 | 34.803 | 27.41 |
| 1000 | 5.90 | 34.824 | 27.45 |
| 1500 | 4.62 | 35.030 | 27.76 |
| 2000 | 3.88 | 34.993 | 27.81 |
| 2500 | 2.74 | 34.934 | 27.88 |
| 3000 | 2.52 | 34.920 | 27.89 |
| 3500 | 2.35 | 34.907 | 27.89 |
| 3998 | 2.29 | 34.900 | 27.89 |

RES-STACS23-86 CTD 39 RESEARCHER
Date 01 23 86 Latitude 19.600 N
Time 1327 Z Longitude 66.068 W



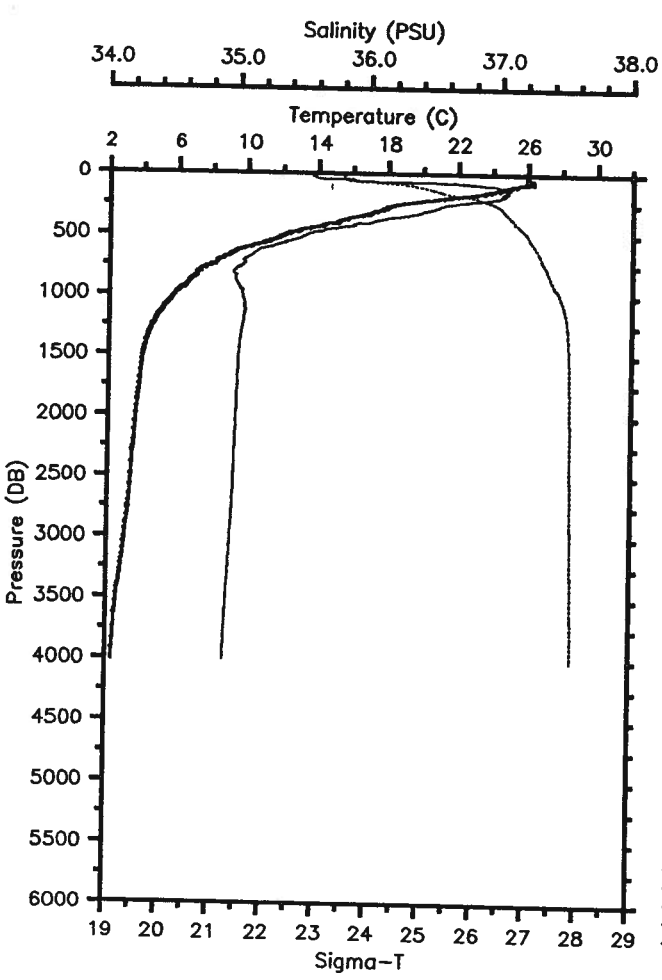

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.66 | 35.434 | 23.49 |
| 10 | 25.66 | 35.434 | 23.49 |
| 20 | 25.66 | 35.440 | 23.49 |
| 30 | 25.66 | 35.438 | 23.49 |
| 40 | 25.70 | 35.473 | 23.50 |
| 50 | 26.09 | 35.823 | 23.65 |
| 60 | 25.94 | 35.826 | 23.70 |
| 70 | 25.64 | 36.350 | 24.18 |
| 80 | 25.60 | 36.443 | 24.27 |
| 90 | 25.53 | 36.560 | 24.38 |
| 100 | 25.50 | 36.713 | 24.50 |
| 110 | 25.18 | 36.941 | 24.77 |
| 120 | 24.88 | 37.071 | 24.96 |
| 130 | 24.57 | 37.161 | 25.13 |
| 140 | 24.38 | 37.199 | 25.21 |
| 150 | 24.07 | 37.255 | 25.35 |
| 160 | 23.82 | 37.254 | 25.42 |
| 170 | 22.86 | 37.079 | 25.57 |
| 180 | 22.44 | 37.073 | 25.68 |
| 190 | 21.77 | 37.027 | 25.84 |
| 200 | 21.38 | 36.994 | 25.93 |
| 250 | 18.95 | 36.842 | 26.31 |
| 300 | 17.39 | 36.382 | 26.50 |
| 350 | 16.28 | 36.223 | 26.64 |
| 400 | 15.18 | 36.028 | 26.74 |
| 450 | 14.14 | 35.849 | 26.83 |
| 500 | 12.71 | 35.615 | 26.95 |
| 550 | 12.20 | 35.572 | 27.01 |
| 600 | 10.86 | 35.331 | 27.08 |
| 650 | 9.95 | 35.223 | 27.15 |
| 700 | 9.35 | 35.170 | 27.21 |
| 750 | 8.62 | 35.107 | 27.28 |
| 800 | 7.97 | 35.037 | 27.33 |
| 850 | 7.31 | 34.977 | 27.38 |
| 900 | 6.93 | 34.985 | 27.44 |
| 950 | 6.64 | 35.005 | 27.49 |
| 1000 | 6.29 | 35.029 | 27.56 |
| 1500 | 4.27 | 35.013 | 27.79 |
| 2000 | 3.59 | 34.984 | 27.84 |
| 2500 | 3.00 | 34.949 | 27.87 |
| 3000 | 2.67 | 34.928 | 27.88 |
| 3500 | 2.41 | 34.911 | 27.89 |
| 3996 | 2.31 | 34.901 | 27.89 |

RES-STACS23-86 CTD 40 RESEARCHER
Date 01 23 86 Latitude 19.334 N
Time 1710 Z Longitude 66.121 W



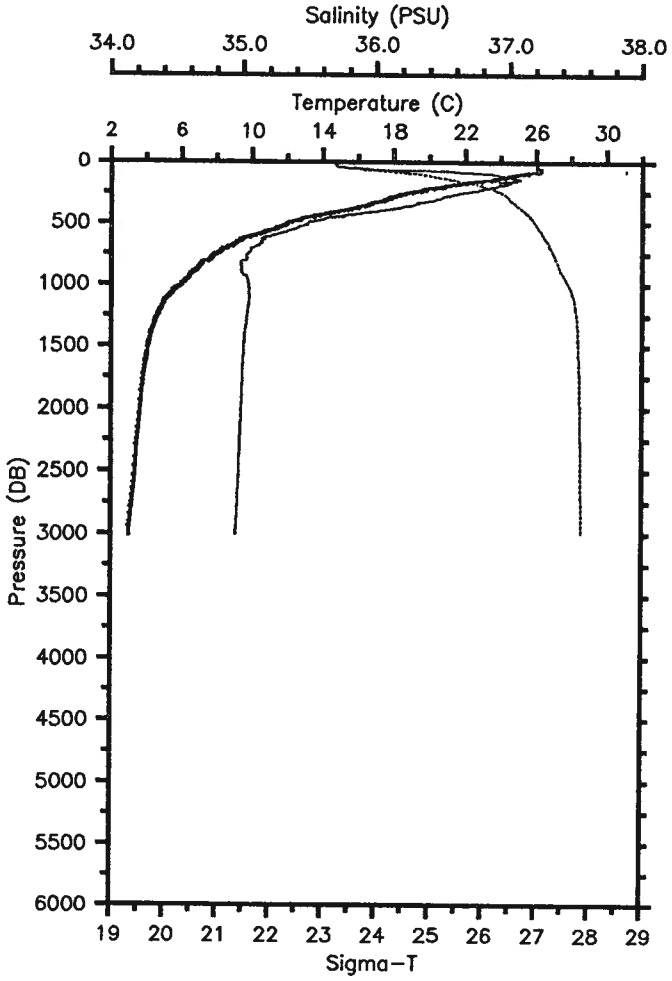

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.74 | 35.390 | 23.43 |
| 10 | 25.74 | 35.391 | 23.43 |
| 20 | 25.71 | 35.389 | 23.44 |
| 30 | 25.70 | 35.389 | 23.44 |
| 40 | 26.00 | 35.735 | 23.61 |
| 50 | 25.88 | 35.783 | 23.68 |
| 60 | 25.85 | 35.815 | 23.72 |
| 70 | 25.94 | 35.993 | 23.82 |
| 80 | 25.99 | 36.688 | 24.33 |
| 90 | 25.41 | 36.837 | 24.62 |
| 100 | 24.97 | 36.885 | 24.79 |
| 110 | 24.58 | 36.997 | 25.00 |
| 120 | 24.05 | 37.015 | 25.17 |
| 130 | 23.87 | 37.093 | 25.28 |
| 140 | 23.40 | 37.025 | 25.37 |
| 150 | 23.10 | 37.071 | 25.49 |
| 160 | 22.84 | 37.066 | 25.57 |
| 170 | 22.58 | 37.053 | 25.63 |
| 180 | 22.35 | 37.079 | 25.72 |
| 190 | 21.83 | 37.024 | 25.82 |
| 200 | 21.15 | 36.965 | 25.97 |
| 250 | 18.92 | 36.657 | 26.32 |
| 300 | 17.54 | 36.450 | 26.51 |
| 350 | 16.34 | 36.252 | 26.65 |
| 400 | 14.70 | 35.944 | 26.78 |
| 450 | 13.81 | 35.811 | 26.87 |
| 500 | 12.45 | 35.564 | 26.96 |
| 550 | 11.38 | 35.415 | 27.05 |
| 600 | 10.75 | 35.329 | 27.10 |
| 650 | 9.36 | 35.144 | 27.19 |
| 700 | 8.56 | 35.063 | 27.26 |
| 750 | 7.99 | 35.034 | 27.32 |
| 800 | 7.36 | 34.989 | 27.38 |
| 850 | 7.05 | 34.993 | 27.43 |
| 900 | 6.51 | 35.016 | 27.52 |
| 950 | 6.11 | 35.018 | 27.57 |
| 1000 | 5.73 | 35.026 | 27.63 |
| 1500 | 4.10 | 35.006 | 27.80 |
| 2000 | 3.61 | 34.983 | 27.83 |
| 2500 | 3.29 | 34.966 | 27.85 |
| 3000 | 2.86 | 34.940 | 27.87 |
| 3500 | 2.47 | 34.915 | 27.89 |
| 4000 | 2.35 | 34.904 | 27.89 |

RES-STACS23-86 CTD 41 RESEARCHER
Date 01 23 86 Latitude 19.087 N
Time 2030 Z Longitude 66.135 W



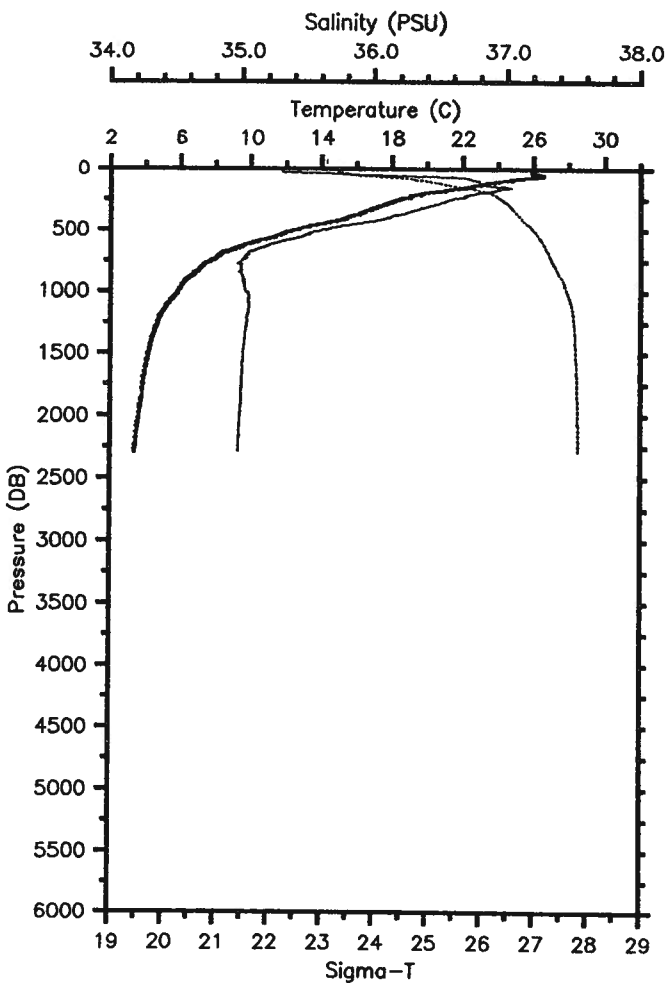

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.98 | 35.556 | 23.48 |
| 10 | 25.98 | 35.559 | 23.48 |
| 20 | 25.99 | 35.564 | 23.48 |
| 30 | 25.96 | 35.567 | 23.49 |
| 40 | 25.96 | 35.586 | 23.51 |
| 50 | 26.21 | 35.883 | 23.64 |
| 60 | 25.96 | 35.840 | 23.70 |
| 70 | 26.16 | 36.175 | 23.89 |
| 80 | 25.90 | 36.732 | 24.39 |
| 90 | 25.38 | 36.845 | 24.64 |
| 100 | 25.04 | 36.967 | 24.84 |
| 110 | 24.78 | 36.998 | 24.94 |
| 120 | 24.51 | 37.023 | 25.04 |
| 130 | 24.30 | 37.065 | 25.13 |
| 140 | 23.85 | 37.036 | 25.25 |
| 150 | 23.56 | 37:038 | 25.33 |
| 160 | 23.28 | 37.019 | 25.40 |
| 170 | 22.75 | 37.033 | 25.57 |
| 180 | 22.13 | 36.999 | 25.72 |
| 190 | 21.58 | 37.005 | 25.88 |
| 200 | 21.13 | 36.970 | 25.97 |
| 250 | 18.62 | 36.602 | 26.36 |
| 300 | 17.56 | 36.455 | 26.51 |
| 350 | 16.35 | 36.245 | 26.64 |
| 400 | 15.11 | 36.011 | 26.74 |
| 450 | 13.52 | 35.727 | 26.87 |
| 500 | 12.11 | 35.515 | 26.98 |
| 550 | 11.31 | 35.398 | 27.05 |
| 600 | 10.23 | 35.261 | 27.14 |
| 650 | 9.21 | 35.128 | 27.20 |
| 700 | 8.54 | 35.065 | 27.26 |
| 750 | 8.03 | 35.037 | 27.32 |
| 800 | 7.30 | 34.972 | 27.38 |
| 850 | 6.93 | 34.973 | 27.43 |
| 900 | 6.56 | 34.982 | 27.49 |
| 950 | 6.10 | 35.009 | 27.57 |
| 1000 | 5.79 | 35.024 | 27.62 |
| 1500 | 3.98 | 34.999 | 27.81 |
| 2000 | 3.61 | 34.983 | 27.83 |
| 2500 | 3.36 | 34.970 | 27.85 |
| 3000 | 3.04 | 34.949 | 27.86 |
| 3500 | 2.58 | 34.921 | 27.88 |
| 4000 | 2.37 | 34.905 | 27.89 |
| 4002 | 2.37 | 34.905 | 27.89 |

RES-STACS23-86 CTD 42 RESEARCHER
Date 01 24 86 Latitude 18.952 N
Time 0019 Z Longitude 66.122 W



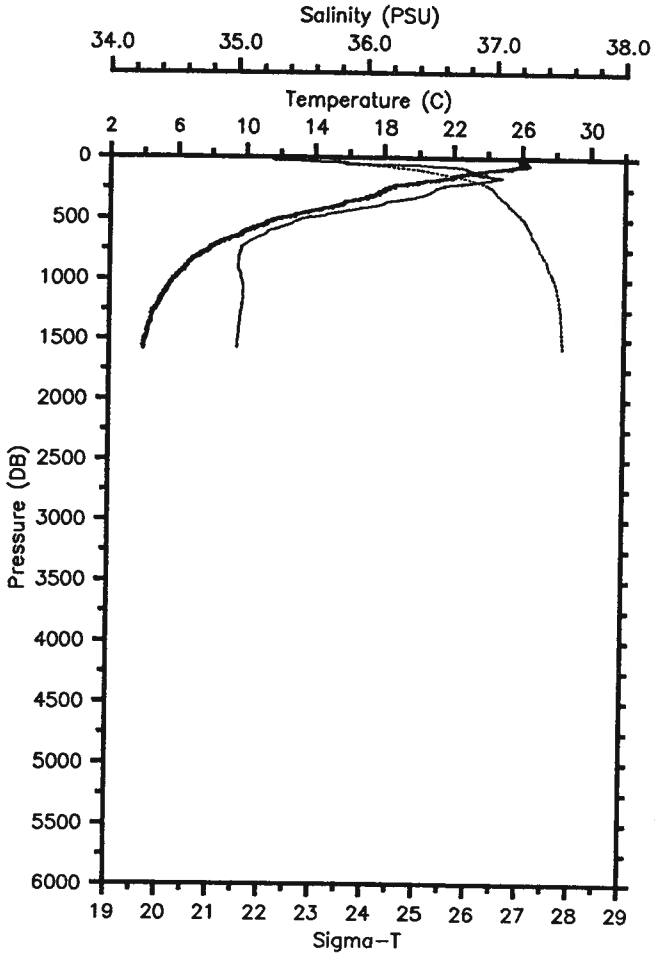

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.03 | 35.695 | 23.57 |
| 10 | 26.03 | 35.694 | 23.57 |
| 20 | 26.03 | 35.695 | 23.57 |
| 30 | 26.03 | 35.699 | 23.57 |
| 40 | 26.04 | 35.704 | 23.57 |
| 50 | 26.12 | 35.781 | 23.61 |
| 60 | 26.22 | 35.952 | 23.70 |
| 70 | 26.10 | 36.097 | 23.85 |
| 80 | 25.98 | 36.610 | 24.27 |
| 90 | 25.55 | 36.719 | 24.49 |
| 100 | 25.01 | 36.891 | 24.79 |
| 110 | 24.67 | 36.931 | 24.92 |
| 120 | 24.34 | 36.988 | 25.06 |
| 130 | 23.97 | 37.016 | 25.20 |
| 140 | 23.68 | 37.070 | 25.32 |
| 150 | 23.19 | 37.052 | 25.45 |
| 160 | 22.72 | 37.001 | 25.55 |
| 170 | 22.09 | 36.989 | 25.72 |
| 180 | 21.65 | 36.982 | 25.84 |
| 190 | 21.22 | 36.956 | 25.94 |
| 200 | 20.82 | 36.900 | 26.01 |
| 250 | 18.81 | 36.642 | 26.34 |
| 300 | 17.69 | 36.471 | 26.49 |
| 350 | 16.56 | 36.293 | 26.63 |
| 400 | 15.06 | 36.031 | 26.77 |
| 450 | 13.53 | 35.758 | 26.89 |
| 500 | 11.99 | 35.491 | 26.99 |
| 550 | 11.29 | 35.398 | 27.05 |
| 600 | 10.24 | 35.253 | 27.13 |
| 650 | 9.27 | 35.146 | 27.21 |
| 700 | 8.65 | 35.086 | 27.26 |
| 750 | 8.09 | 35.045 | 27.32 |
| 800 | 7.59 | 35.022 | 27.37 |
| 850 | 7.03 | 34.982 | 27.42 |
| 900 | 6.67 | 34.990 | 27.48 |
| 950 | 6.37 | 35.028 | 27.55 |
| 1000 | 5.99 | 35.041 | 27.61 |
| 1500 | 4.11 | 35.005 | 27.80 |
| 2000 | 3.66 | 34.985 | 27.83 |
| 2500 | 3.36 | 34.968 | 27.85 |
| 3000 | 3.02 | 34.948 | 27.86 |
| 3002 | 3.02 | 34.948 | 27.86 |

RES-STACS23-86 CTD 43 RESEARCHER
Date 01 24 86 Latitude 18.788 N
Time 0428 Z Longitude 66.119 W



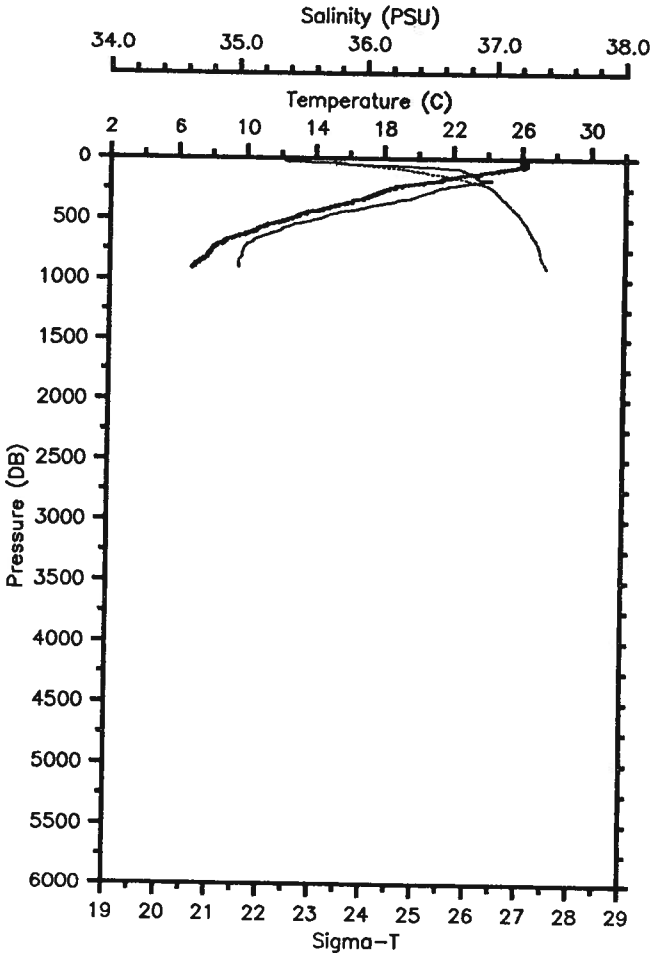

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.89 | 35.307 | 23.32 |
| 10 | 25.87 | 35.300 | 23.32 |
| 20 | 25.88 | 35.301 | 23.32 |
| 30 | 25.88 | 35.301 | 23.32 |
| 40 | 26.10 | 35.658 | 23.52 |
| 50 | 26.33 | 35.830 | 23.58 |
| 60 | 26.43 | 36.103 | 23.75 |
| 70 | 26.10 | 36.534 | 24.18 |
| 80 | 25.22 | 36.709 | 24.58 |
| 90 | 24.75 | 36.729 | 24.74 |
| 100 | 24.25 | 36.765 | 24.92 |
| 110 | 23.80 | 36.788 | 25.07 |
| 120 | 23.29 | 36.809 | 25.24 |
| 130 | 23.04 | 36.834 | 25.33 |
| 140 | 22.62 | 36.860 | 25.47 |
| 150 | 22.19 | 36.993 | 25.70 |
| 160 | 21.96 | 37.028 | 25.79 |
| 170 | 21.26 | 36.928 | 25.91 |
| 180 | 21.00 | 36.921 | 25.97 |
| 190 | 20.29 | 36.855 | 26.12 |
| 200 | 19.76 | 36.771 | 26.19 |
| 250 | 18.44 | 36.587 | 26.39 |
| 300 | 17.44 | 36.447 | 26.54 |
| 350 | 16.47 | 36.279 | 26.64 |
| 400 | 15.48 | 36.118 | 26.74 |
| 450 | 14.21 | 35.907 | 26.86 |
| 500 | 12.62 | 35.637 | 26.98 |
| 550 | 11.49 | 35.467 | 27.07 |
| 600 | 10.30 | 35.301 | 27.15 |
| 650 | 9.26 | 35.157 | 27.22 |
| 700 | 8.25 | 35.041 | 27.29 |
| 750 | 7.73 | 35.001 | 27.33 |
| 800 | 7.22 | 34.991 | 27.40 |
| 850 | 6.83 | 34.992 | 27.46 |
| 900 | 6.34 | 35.001 | 27.53 |
| 950 | 6.05 | 35.015 | 27.58 |
| 1000 | 5.84 | 35.027 | 27.62 |
| 1500 | 4.18 | 35.007 | 27.79 |
| 2000 | 3.62 | 34.984 | 27.83 |
| 2284 | 3.39 | 34.971 | 27.85 |

RES-STACS23-86 CTD 44 RESEARCHER
Date 01 24 86 Latitude 18.672 N
Time 0852 Z Longitude 66.118 W



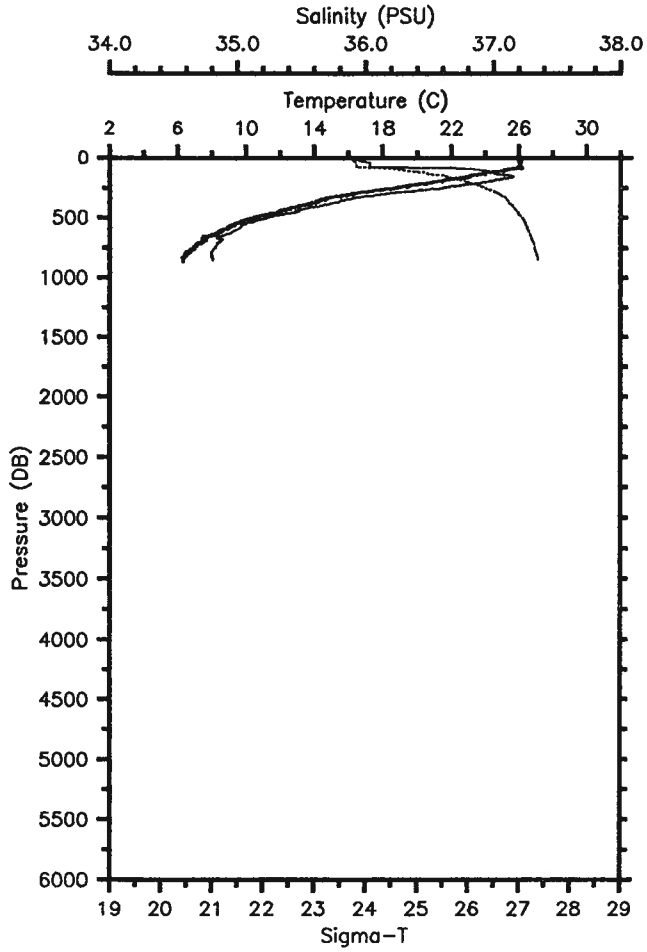

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.84 | 35.274 | 23.31 |
| 10 | 25.83 | 35.269 | 23.31 |
| 20 | 25.85 | 35.269 | 23.30 |
| 30 | 25.98 | 35.476 | 23.42 |
| 40 | 26.20 | 35.773 | 23.57 |
| 50 | 26.06 | 35.850 | 23.68 |
| 60 | 26.27 | 36.199 | 23.87 |
| 70 | 25.91 | 36.546 | 24.25 |
| 80 | 25.37 | 36.731 | 24.56 |
| 90 | 24.74 | 36.779 | 24.78 |
| 100 | 23.98 | 36.769 | 25.01 |
| 110 | 23.70 | 36.778 | 25.10 |
| 120 | 23.18 | 36.793 | 25.26 |
| 130 | 22.69 | 36.800 | 25.41 |
| 140 | 22.46 | 36.883 | 25.54 |
| 150 | 21.96 | 36.923 | 25.71 |
| 160 | 21.98 | 37.016 | 25.77 |
| 170 | 21.46 | 36.990 | 25.90 |
| 180 | 21.06 | 36.958 | 25.99 |
| 190 | 20.51 | 36.882 | 26.08 |
| 200 | 19.99 | 36.829 | 26.18 |
| 250 | 18.21 | 36.540 | 26.42 |
| 300 | 17.50 | 36.454 | 26.53 |
| 350 | 16.29 | 36.248 | 26.66 |
| 400 | 15.12 | 36.053 | 26.77 |
| 450 | 13.54 | 35.782 | 26.91 |
| 500 | 11.95 | 35.517 | 27.02 |
| 550 | 11.08 | 35.407 | 27.10 |
| 600 | 10.03 | 35.256 | 27.17 |
| 650 | 9.44 | 35.178 | 27.20 |
| 700 | 8.47 | 35.082 | 27.29 |
| 750 | 7.86 | 35.028 | 27.34 |
| 800 | 7.33 | 35.015 | 27.40 |
| 850 | 6.78 | 35.011 | 27.48 |
| 900 | 6.43 | 35.005 | 27.52 |
| 950 | 6.08 | 35.025 | 27.58 |
| 1000 | 5.73 | 35.031 | 27.63 |
| 1500 | 4.10 | 35.006 | 27.80 |
| 1568 | 4.01 | 35.003 | 27.81 |

RES-STACS23-86 CTD 45 RESEARCHER
Date 01 24 86 Latitude 18.587 N
Time 1116 Z Longitude 66.118 W



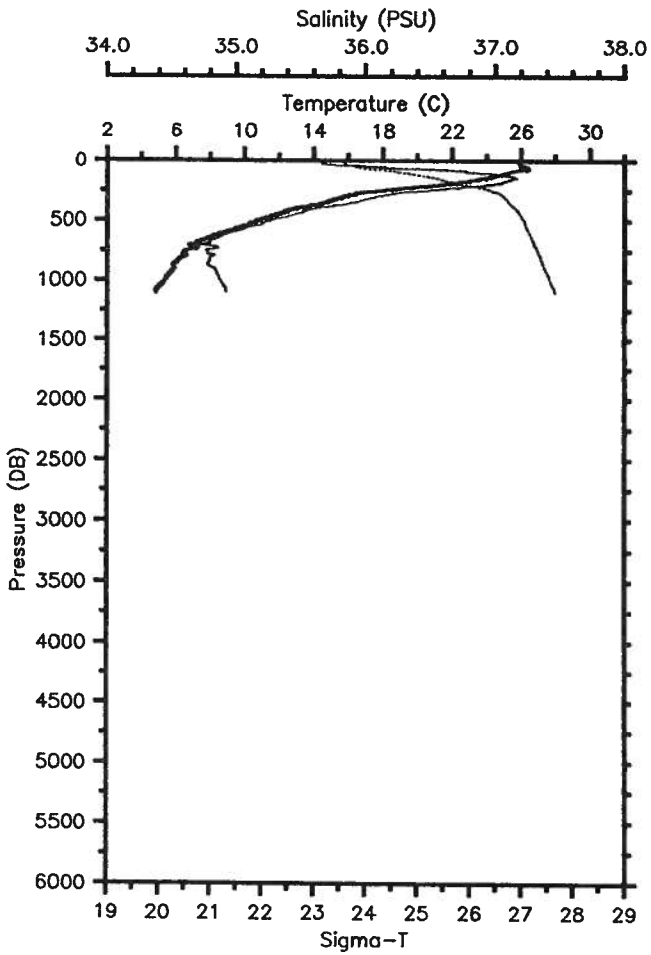

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.93 | 35.363 | 23.35 |
| 10 | 25.94 | 35.362 | 23.35 |
| 20 | 25.94 | 35.361 | 23.35 |
| 30 | 25.94 | 35.386 | 23.35 |
| 40 | 26.22 | 35.756 | 23.56 |
| 50 | 26.16 | 35.818 | 23.62 |
| 60 | 26.20 | 36.187 | 23.89 |
| 70 | 25.93 | 36.404 | 24.14 |
| 80 | 25.38 | 36.625 | 24.47 |
| 90 | 24.95 | 36.720 | 24.68 |
| 100 | 24.53 | 36.740 | 24.82 |
| 110 | 23.94 | 36.759 | 25.01 |
| 120 | 23.57 | 36.807 | 25.16 |
| 130 | 23.10 | 36.835 | 25.32 |
| 140 | 22.44 | 36.821 | 25.49 |
| 150 | 22.16 | 36.838 | 25.59 |
| 160 | 21.80 | 36.853 | 25.70 |
| 170 | 21.38 | 36.863 | 25.82 |
| 180 | 21.29 | 36.954 | 25.92 |
| 190 | 20.59 | 36.872 | 26.05 |
| 200 | 20.18 | 36.843 | 26.14 |
| 250 | 18.24 | 36.554 | 26.42 |
| 300 | 17.31 | 36.420 | 26.55 |
| 350 | 16.17 | 36.228 | 26.67 |
| 400 | 14.88 | 36.004 | 26.79 |
| 450 | 13.45 | 35.773 | 26.92 |
| 500 | 12.49 | 35.621 | 26.99 |
| 550 | 11.22 | 35.423 | 27.08 |
| 600 | 10.48 | 35.328 | 27.14 |
| 650 | 9.35 | 35.179 | 27.22 |
| 700 | 8.57 | 35.096 | 27.28 |
| 750 | 7.95 | 35.040 | 27.33 |
| 800 | 7.69 | 35.030 | 27.36 |
| 850 | 7.23 | 35.003 | 27.41 |
| 900 | 6.81 | 35.004 | 27.47 |
| 904 | 6.78 | 35.005 | 27.47 |

RES-STACS23-86 CTD 46 RESEARCHER
Date 01 28 86 Latitude 17.175 N
Time 2121 Z Longitude 63.556 W



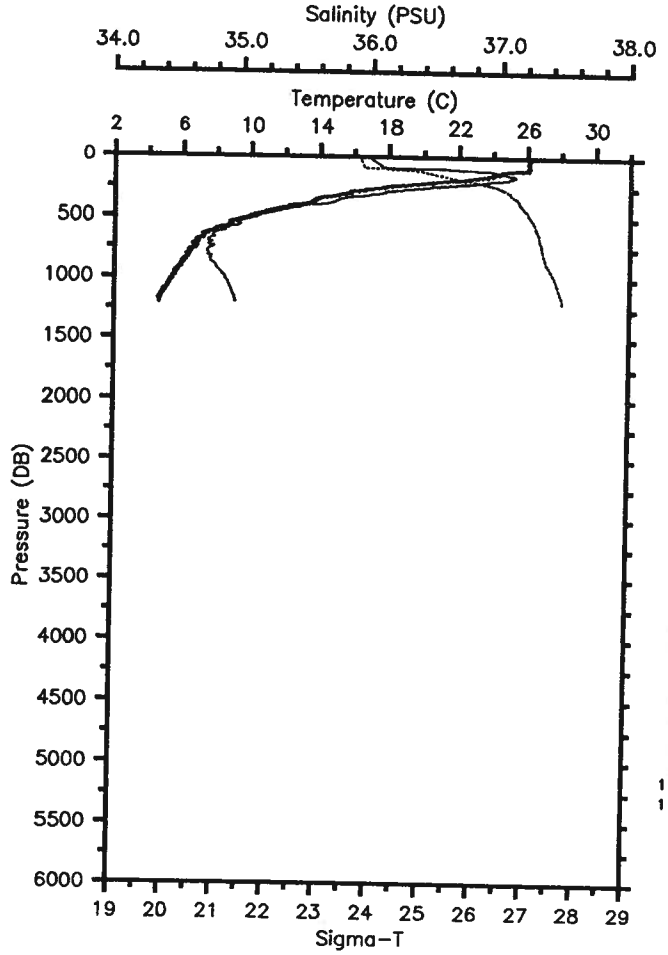

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.19 | 35.816 | 23.61 |
| 10 | 26.17 | 35.874 | 23.66 |
| 20 | 26.03 | 35.941 | 23.75 |
| 30 | 26.00 | 35.965 | 23.78 |
| 40 | 26.08 | 36.032 | 23.81 |
| 50 | 26.07 | 36.034 | 23.81 |
| 60 | 26.06 | 36.033 | 23.81 |
| 70 | 26.06 | 36.035 | 23.82 |
| 80 | 26.08 | 36.153 | 23.90 |
| 90 | 25.79 | 36.744 | 24.43 |
| 100 | 25.35 | 36.871 | 24.67 |
| 110 | 25.14 | 36.942 | 24.79 |
| 120 | 24.42 | 36.969 | 25.02 |
| 130 | 24.01 | 37.003 | 25.17 |
| 140 | 23.72 | 37.024 | 25.28 |
| 150 | 23.17 | 37.113 | 25.50 |
| 160 | 22.95 | 37.155 | 25.60 |
| 170 | 22.58 | 37.120 | 25.68 |
| 180 | 22.00 | 37.061 | 25.80 |
| 190 | 21.58 | 37.009 | 25.88 |
| 200 | 21.04 | 36.954 | 25.99 |
| 250 | 18.74 | 36.600 | 26.33 |
| 300 | 16.25 | 36.180 | 26.61 |
| 350 | 14.43 | 35.850 | 26.77 |
| 400 | 13.19 | 35.648 | 26.87 |
| 450 | 12.04 | 35.483 | 26.97 |
| 500 | 10.52 | 35.244 | 27.07 |
| 550 | 9.37 | 35.074 | 27.13 |
| 600 | 8.74 | 34.999 | 27.18 |
| 650 | 7.87 | 34.887 | 27.22 |
| 700 | 7.40 | 34.868 | 27.28 |
| 750 | 7.00 | 34.838 | 27.31 |
| 800 | 6.50 | 34.797 | 27.35 |
| 850 | 6.32 | 34.809 | 27.38 |
| 854 | 6.32 | 34.809 | 27.38 |

RES-STACS23-86 CTD 47 RESEARCHER
Date 01 29 86 Latitude 16.868 N
Time 0137 Z Longitude 63.533 W



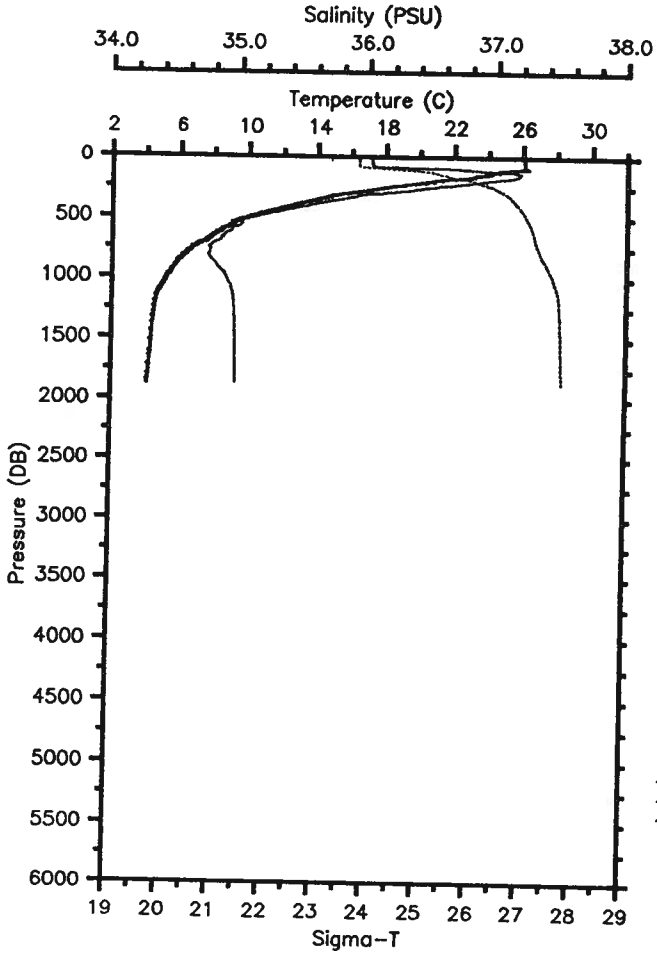

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.92 | 35.666 | 23.58 |
| 10 | 25.93 | 35.667 | 23.58 |
| 20 | 25.92 | 35.667 | 23.58 |
| 30 | 25.87 | 35.665 | 23.60 |
| 40 | 25.94 | 35.762 | 23.65 |
| 50 | 26.16 | 35.993 | 23.75 |
| 60 | 25.98 | 36.072 | 23.87 |
| 70 | 26.37 | 36.349 | 23.95 |
| 80 | 25.92 | 36.666 | 24.34 |
| 90 | 25.53 | 36.775 | 24.54 |
| 100 | 25.25 | 36.793 | 24.64 |
| 110 | 25.04 | 36.975 | 24.84 |
| 120 | 24.76 | 37.026 | 24.97 |
| 130 | 24.36 | 37.106 | 25.15 |
| 140 | 24.12 | 37.148 | 25.25 |
| 150 | 23.68 | 37.145 | 25.38 |
| 160 | 23.36 | 37.131 | 25.46 |
| 170 | 23.00 | 37.097 | 25.54 |
| 180 | 22.43 | 37.050 | 25.67 |
| 190 | 22.14 | 37.029 | 25.74 |
| 200 | 21.40 | 36.958 | 25.89 |
| 250 | 18.01 | 36.475 | 26.42 |
| 300 | 15.77 | 36.089 | 26.66 |
| 350 | 14.72 | 35.910 | 26.75 |
| 400 | 12.99 | 35.625 | 26.90 |
| 450 | 11.89 | 35.457 | 26.98 |
| 500 | 10.72 | 35.271 | 27.06 |
| 550 | 9.94 | 35.138 | 27.09 |
| 600 | 8.88 | 34.979 | 27.14 |
| 650 | 7.85 | 34.862 | 27.21 |
| 700 | 6.88 | 34.726 | 27.24 |
| 750 | 6.56 | 34.766 | 27.32 |
| 800 | 6.51 | 34.822 | 27.37 |
| 850 | 6.01 | 34.786 | 27.40 |
| 900 | 5.87 | 34.823 | 27.45 |
| 950 | 5.60 | 34.848 | 27.50 |
| 1000 | 5.35 | 34.875 | 27.56 |
| 1098 | 4.82 | 34.923 | 27.66 |

RES-STACS23-86 CTD 48 RESEARCHER
Date 01 29 86 Latitude 16.509 N
Time 0352 Z Longitude 63.545 W



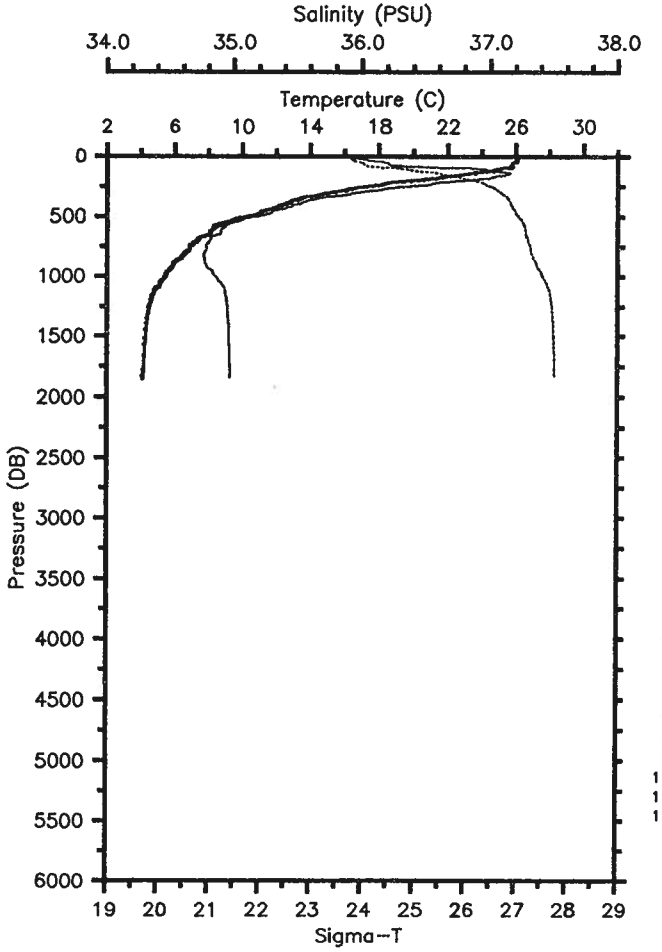

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.08 | 35.998 | 23.78 |
| 10 | 26.09 | 35.998 | 23.78 |
| 20 | 26.09 | 35.998 | 23.78 |
| 30 | 26.10 | 36.002 | 23.78 |
| 40 | 26.10 | 36.026 | 23.80 |
| 50 | 26.09 | 36.039 | 23.81 |
| 60 | 26.09 | 36.049 | 23.82 |
| 70 | 26.09 | 36.067 | 23.83 |
| 80 | 26.06 | 36.071 | 23.84 |
| 90 | 26.07 | 36.082 | 23.85 |
| 100 | 25.98 | 36.616 | 24.28 |
| 110 | 25.19 | 36.835 | 24.69 |
| 120 | 24.52 | 36.970 | 25.00 |
| 130 | 24.35 | 36.998 | 25.07 |
| 140 | 24.00 | 37.038 | 25.20 |
| 150 | 23.70 | 37.092 | 25.33 |
| 160 | 23.42 | 37.106 | 25.43 |
| 170 | 22.89 | 37.085 | 25.56 |
| 180 | 22.41 | 37.052 | 25.68 |
| 190 | 21.69 | 36.964 | 25.82 |
| 200 | 20.84 | 36.895 | 26.00 |
| 250 | 17.75 | 36.435 | 26.45 |
| 300 | 15.72 | 36.076 | 26.66 |
| 350 | 13.84 | 35.759 | 26.82 |
| 400 | 12.60 | 35.525 | 26.90 |
| 450 | 11.11 | 35.292 | 27.00 |
| 500 | 9.98 | 35.122 | 27.07 |
| 550 | 8.79 | 34.985 | 27.14 |
| 600 | 7.95 | 34.845 | 27.18 |
| 650 | 7.18 | 34.767 | 27.23 |
| 700 | 6.78 | 34.727 | 27.26 |
| 750 | 6.78 | 34.773 | 27.29 |
| 800 | 6.41 | 34.734 | 27.31 |
| 850 | 6.13 | 34.747 | 27.36 |
| 900 | 5.94 | 34.791 | 27.42 |
| 950 | 5.59 | 34.826 | 27.49 |
| 1000 | 5.43 | 34.863 | 27.54 |
| 1200 | 4.83 | 34.944 | 27.69 |

RES-STACS23-86 CTD 49 RESEARCHER
Date 01 29 86 Latitude 15.992 N
Time 0723 Z Longitude 63.507 W



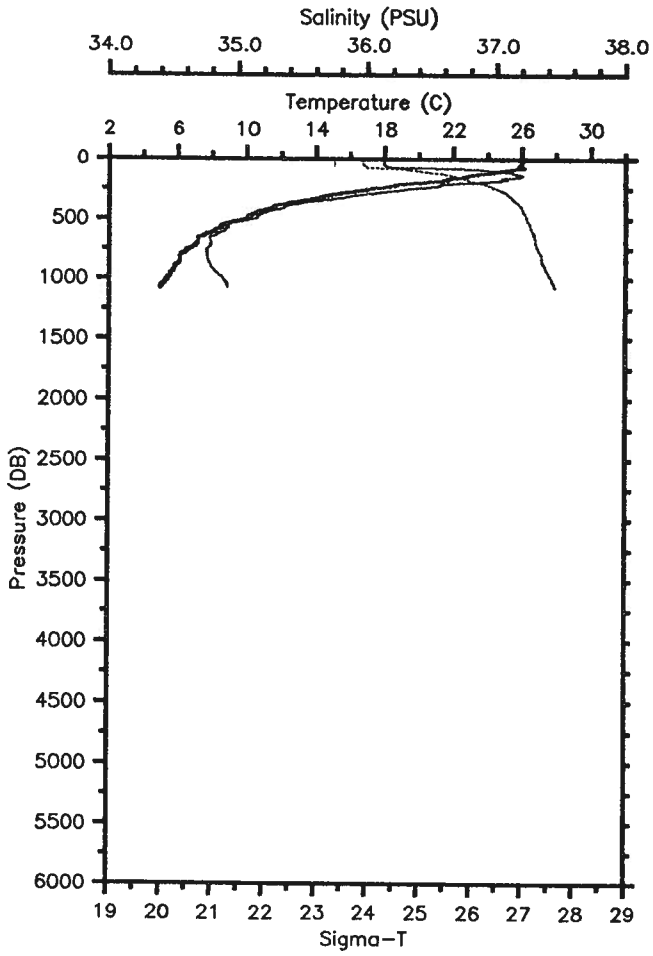

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.05 | 36.020 | 23.81 |
| 10 | 26.05 | 36.024 | 23.81 |
| 20 | 26.06 | 36.023 | 23.81 |
| 30 | 26.06 | 36.024 | 23.81 |
| 40 | 26.06 | 36.024 | 23.81 |
| 50 | 26.06 | 36.024 | 23.81 |
| 60 | 26.07 | 36.025 | 23.81 |
| 70 | 26.07 | 36.025 | 23.81 |
| 80 | 26.07 | 36.033 | 23.81 |
| 90 | 26.20 | 36.417 | 24.06 |
| 100 | 25.64 | 36.718 | 24.46 |
| 110 | 24.70 | 36.897 | 24.89 |
| 120 | 24.39 | 37.043 | 25.09 |
| 130 | 24.04 | 37.164 | 25.29 |
| 140 | 23.88 | 37.179 | 25.35 |
| 150 | 23.34 | 37.168 | 25.50 |
| 160 | 23.12 | 37.152 | 25.55 |
| 170 | 22.70 | 37.126 | 25.65 |
| 180 | 21.81 | 37.037 | 25.84 |
| 190 | 21.21 | 36.968 | 25.95 |
| 200 | 20.74 | 36.911 | 26.04 |
| 250 | 18.11 | 36.502 | 26.41 |
| 300 | 15.88 | 36.117 | 26.65 |
| 350 | 14.14 | 35.798 | 26.79 |
| 400 | 12.65 | 35.536 | 26.90 |
| 450 | 11.21 | 35.323 | 27.01 |
| 500 | 10.05 | 35.115 | 27.05 |
| 550 | 9.10 | 35.012 | 27.13 |
| 600 | 8.45 | 34.930 | 27.17 |
| 650 | 7.94 | 34.878 | 27.21 |
| 700 | 7.51 | 34.839 | 27.24 |
| 750 | 6.70 | 34.757 | 27.29 |
| 800 | 6.34 | 34.755 | 27.34 |
| 850 | 5.90 | 34.769 | 27.40 |
| 900 | 5.66 | 34.813 | 27.47 |
| 950 | 5.44 | 34.853 | 27.53 |
| 1000 | 5.18 | 34.888 | 27.59 |
| 1500 | 4.32 | 34.961 | 27.74 |
| 1864 | 4.12 | 34.970 | 27.77 |

RES-STACS23-86 CTD 50 RESEARCHER
Date 01 29 86 Latitude 15.668 N
Time 1506 Z Longitude 63.515 W



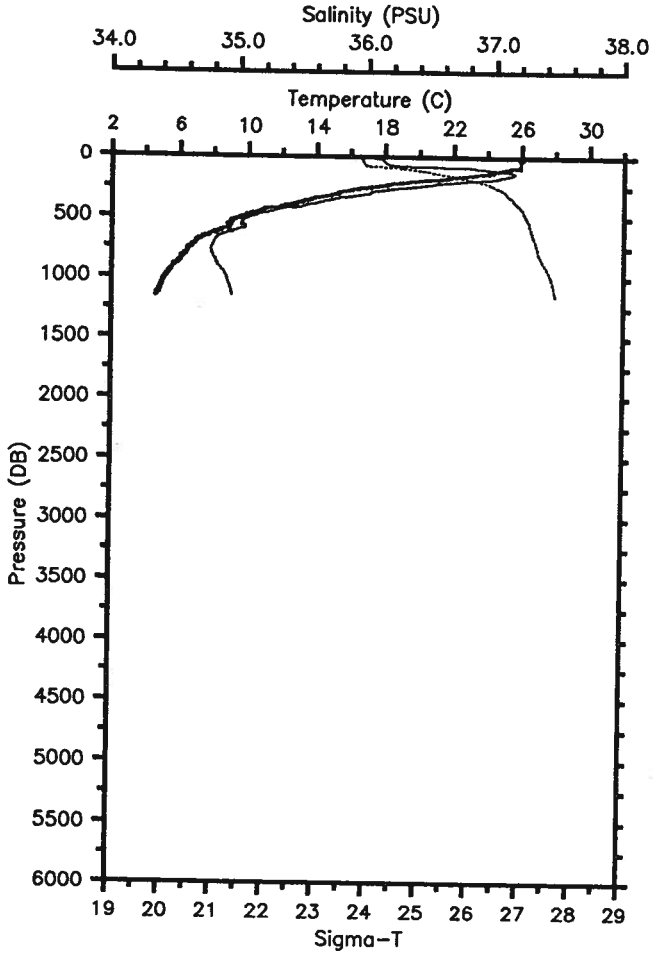

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.12 | 35.917 | 23.71 |
| 10 | 25.99 | 35.917 | 23.75 |
| 20 | 26.03 | 35.967 | 23.77 |
| 30 | 26.06 | 36.032 | 23.82 |
| 40 | 26.08 | 36.093 | 23.85 |
| 50 | 25.90 | 36.174 | 23.97 |
| 60 | 25.78 | 36.202 | 24.03 |
| 70 | 25.77 | 36.219 | 24.04 |
| 80 | 25.75 | 36.250 | 24.07 |
| 90 | 25.72 | 36.487 | 24.26 |
| 100 | 25.17 | 36.879 | 24.73 |
| 110 | 24.86 | 36.978 | 24.90 |
| 120 | 24.65 | 37.014 | 24.99 |
| 130 | 23.90 | 37.079 | 25.27 |
| 140 | 23.43 | 37.149 | 25.45 |
| 150 | 23.00 | 37.131 | 25.57 |
| 160 | 22.46 | 37.098 | 25.70 |
| 170 | 21.77 | 37.030 | 25.84 |
| 180 | 21.46 | 37.001 | 25.91 |
| 190 | 20.78 | 36.912 | 26.03 |
| 200 | 20.07 | 36.800 | 26.13 |
| 250 | 17.36 | 36.375 | 26.50 |
| 300 | 15.28 | 36.010 | 26.71 |
| 350 | 13.41 | 35.671 | 26.85 |
| 400 | 12.47 | 35.507 | 26.91 |
| 450 | 11.39 | 35.339 | 26.99 |
| 500 | 10.35 | 35.183 | 27.05 |
| 550 | 8.96 | 34.998 | 27.14 |
| 600 | 8.29 | 34.914 | 27.18 |
| 650 | 8.07 | 34.895 | 27.20 |
| 700 | 7.33 | 34.812 | 27.24 |
| 750 | 6.90 | 34.781 | 27.28 |
| 800 | 6.69 | 34.777 | 27.31 |
| 850 | 6.34 | 34.770 | 27.35 |
| 900 | 5.92 | 34.780 | 27.41 |
| 950 | 5.66 | 34.827 | 27.48 |
| 1000 | 5.45 | 34.855 | 27.53 |
| 1500 | 4.29 | 34.960 | 27.74 |
| 1840 | 4.12 | 34.971 | 27.77 |

RES-STACS23-86 CTD 51 RESEARCHER
Date 01 29 86 Latitude 15.336 N
Time 1827 Z Longitude 63.557 W



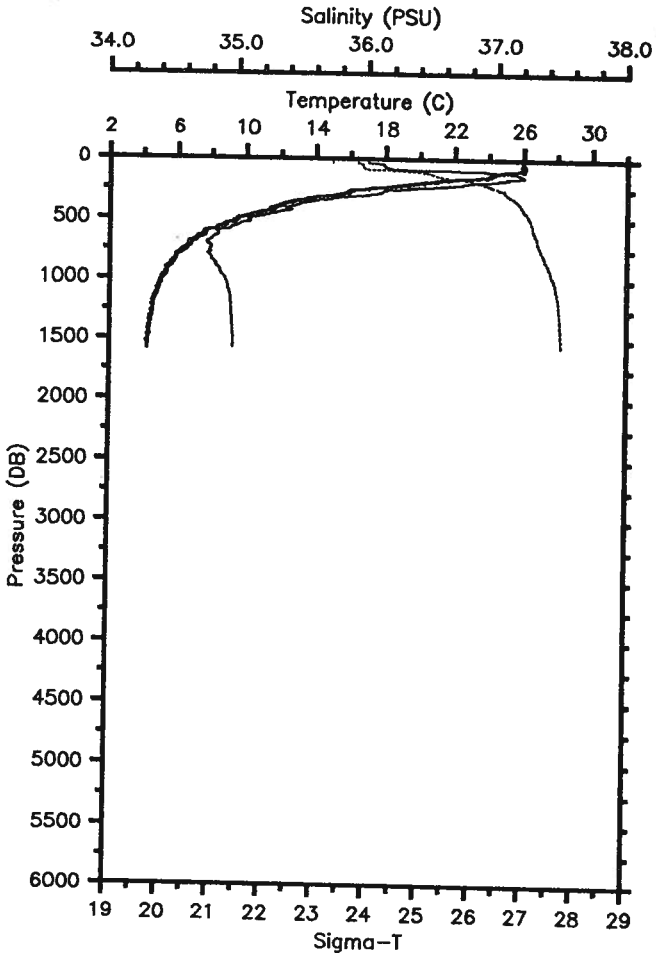

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.15 | 36.136 | 23.86 |
| 10 | 26.00 | 36.127 | 23.90 |
| 20 | 25.99 | 36.129 | 23.91 |
| 30 | 25.98 | 36.128 | 23.91 |
| 40 | 25.98 | 36.130 | 23.91 |
| 50 | 25.92 | 36.128 | 23.93 |
| 60 | 25.86 | 36.142 | 23.96 |
| 70 | 25.86 | 36.161 | 23.97 |
| 80 | 25.78 | 36.660 | 24.38 |
| 90 | 25.20 | 36.895 | 24.73 |
| 100 | 24.74 | 37.018 | 24.97 |
| 110 | 24.40 | 37.074 | 25.11 |
| 120 | 23.78 | 37.154 | 25.36 |
| 130 | 23.18 | 37.154 | 25.53 |
| 140 | 22.88 | 37.203 | 25.66 |
| 150 | 22.55 | 37.183 | 25.74 |
| 160 | 21.99 | 37.071 | 25.81 |
| 170 | 21.67 | 37.067 | 25.90 |
| 180 | 21.39 | 37.041 | 25.96 |
| 190 | 20.73 | 36.925 | 26.05 |
| 200 | 20.03 | 36.797 | 26.14 |
| 250 | 17.13 | 36.333 | 26.52 |
| 300 | 14.94 | 35.958 | 26.74 |
| 350 | 13.26 | 35.640 | 26.85 |
| 400 | 11.55 | 35.363 | 26.98 |
| 450 | 10.50 | 35.205 | 27.04 |
| 500 | 9.98 | 35.133 | 27.08 |
| 550 | 8.62 | 34.927 | 27.14 |
| 600 | 8.13 | 34.897 | 27.19 |
| 650 | 7.37 | 34.805 | 27.23 |
| 700 | 7.13 | 34.786 | 27.25 |
| 750 | 6.64 | 34.763 | 27.30 |
| 800 | 6.13 | 34.758 | 27.37 |
| 850 | 6.11 | 34.763 | 27.37 |
| 900 | 5.82 | 34.785 | 27.43 |
| 950 | 5.60 | 34.826 | 27.49 |
| 1000 | 5.38 | 34.681 | 27.56 |
| 1074 | 4.97 | 34.915 | 27.63 |

RES-STACS23-86 CTD 52 RESEARCHER
Date 01 29 86 Latitude 15.023 N
Time 2256 Z Longitude 63.528 W



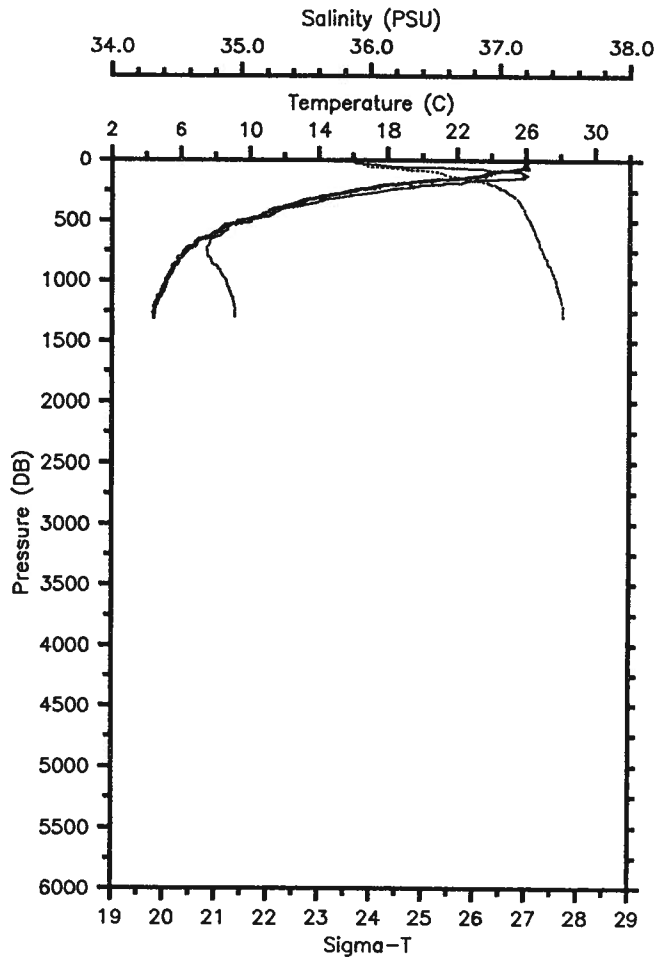

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.09 | 36.027 | 23.78 |
| 10 | 26.06 | 36.027 | 23.79 |
| 20 | 25.98 | 36.102 | 23.88 |
| 30 | 25.93 | 36.119 | 23.90 |
| 40 | 25.93 | 36.125 | 23.91 |
| 50 | 25.93 | 36.136 | 23.91 |
| 60 | 25.93 | 36.152 | 23.93 |
| 70 | 25.94 | 36.189 | 23.95 |
| 80 | 25.90 | 36.523 | 24.22 |
| 90 | 25.34 | 36.841 | 24.63 |
| 100 | 25.06 | 36.924 | 24.78 |
| 110 | 24.70 | 37.028 | 24.97 |
| 120 | 24.32 | 37.109 | 25.15 |
| 130 | 24.08 | 37.141 | 25.24 |
| 140 | 23.59 | 37.140 | 25.39 |
| 150 | 22.91 | 37.122 | 25.57 |
| 160 | 22.34 | 37.070 | 25.70 |
| 170 | 21.84 | 37.016 | 25.80 |
| 180 | 21.29 | 36.977 | 25.92 |
| 190 | 20.52 | 36.866 | 26.05 |
| 200 | 19.67 | 36.749 | 26.18 |
| 250 | 17.17 | 36.341 | 26.50 |
| 300 | 15.26 | 36.021 | 26.70 |
| 350 | 13.68 | 35.743 | 26.83 |
| 400 | 12.20 | 35.514 | 26.95 |
| 450 | 10.77 | 35.263 | 27.02 |
| 500 | 9.59 | 35.084 | 27.09 |
| 550 | 8.98 | 35.025 | 27.14 |
| 600 | 8.56 | 34.995 | 27.18 |
| 650 | 7.71 | 34.867 | 27.21 |
| 700 | 6.96 | 34.804 | 27.27 |
| 750 | 6.66 | 34.783 | 27.29 |
| 800 | 6.37 | 34.777 | 27.33 |
| 850 | 6.07 | 34.809 | 27.39 |
| 900 | 5.62 | 34.827 | 27.46 |
| 950 | 5.41 | 34.874 | 27.53 |
| 1000 | 5.14 | 34.895 | 27.58 |
| 1146 | 4.65 | 34.940 | 27.67 |

RES-STACS23-86 CTD 53 RESEARCHER
Date 01 30 86 Latitude 14.662 N
Time 0426 Z Longitude 63.508 W



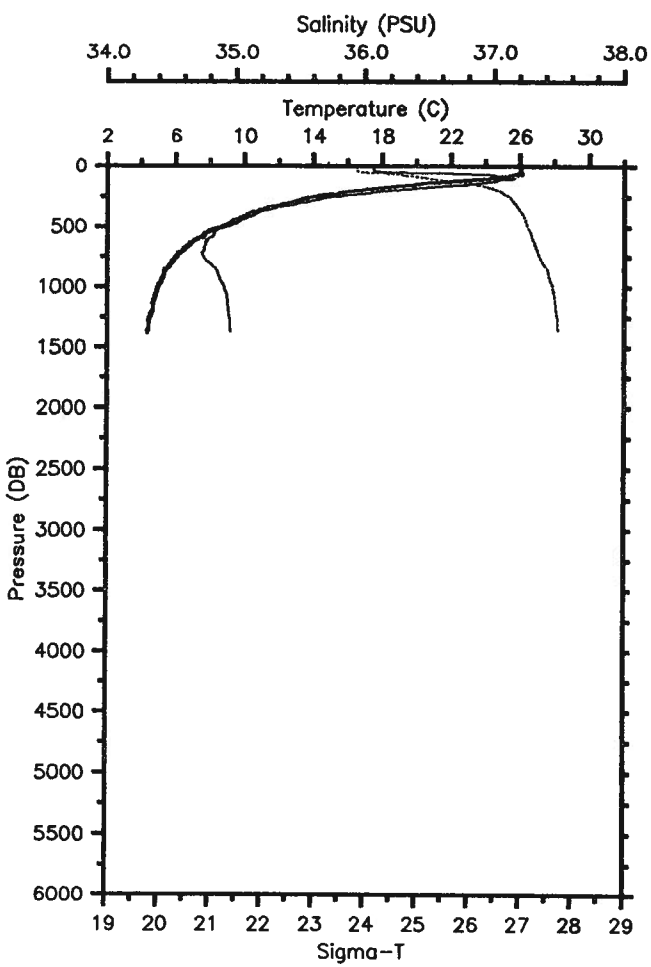

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.96 | 35.999 | 23.80 |
| 10 | 25.97 | 35.999 | 23.80 |
| 20 | 25.97 | 36.000 | 23.80 |
| 30 | 25.97 | 36.003 | 23.80 |
| 40 | 25.97 | 36.076 | 23.86 |
| 50 | 25.98 | 36.122 | 23.89 |
| 60 | 25.98 | 36.123 | 23.89 |
| 70 | 25.97 | 36.132 | 23.90 |
| 80 | 25.98 | 36.170 | 23.93 |
| 90 | 25.99 | 36.317 | 24.03 |
| 100 | 24.97 | 36.926 | 24.81 |
| 110 | 24.57 | 37.031 | 25.01 |
| 120 | 24.25 | 37.147 | 25.20 |
| 130 | 24.05 | 37.175 | 25.28 |
| 140 | 23.95 | 37.182 | 25.31 |
| 150 | 23.51 | 37.178 | 25.44 |
| 160 | 22.41 | 37.079 | 25.68 |
| 170 | 21.79 | 37.083 | 25.86 |
| 180 | 21.06 | 36.987 | 25.99 |
| 190 | 20.34 | 36.864 | 26.09 |
| 200 | 19.85 | 36.788 | 26.17 |
| 250 | 17.07 | 36.309 | 26.50 |
| 300 | 15.23 | 36.006 | 26.70 |
| 350 | 13.06 | 35.623 | 26.86 |
| 400 | 11.75 | 35.414 | 26.96 |
| 450 | 10.80 | 35.307 | 27.05 |
| 500 | 9.50 | 35.102 | 27.12 |
| 550 | 8.79 | 35.012 | 27.16 |
| 600 | 7.80 | 34.861 | 27.19 |
| 650 | 7.23 | 34.821 | 27.25 |
| 700 | 6.84 | 34.757 | 27.28 |
| 750 | 6.43 | 34.783 | 27.33 |
| 800 | 5.93 | 34.770 | 27.38 |
| 850 | 5.76 | 34.803 | 27.43 |
| 900 | 5.46 | 34.835 | 27.49 |
| 950 | 5.30 | 34.865 | 27.53 |
| 1000 | 5.05 | 34.898 | 27.59 |
| 1500 | 4.25 | 34.962 | 27.73 |
| 1568 | 4.20 | 34.964 | 27.74 |

RES-STACS23-86 CTD 54 RESEARCHER
Date 01 30 86 Latitude 14.333 N
Time 0746 Z Longitude 63.527 W



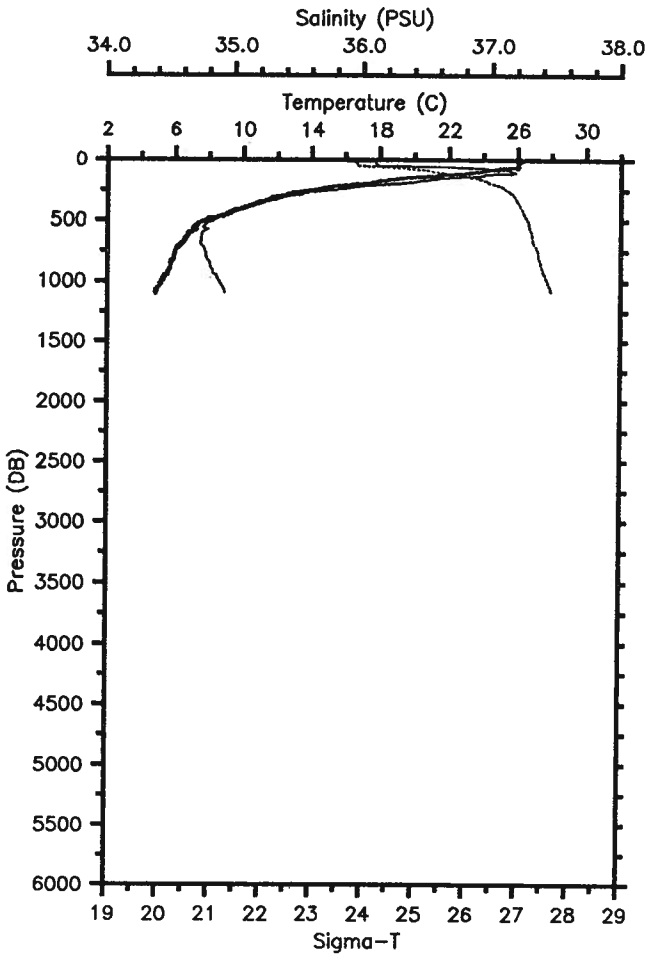

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.99 | 35.876 | 23.72 |
| 10 | 25.97 | 35.877 | 23.72 |
| 20 | 25.97 | 35.877 | 23.72 |
| 30 | 25.99 | 35.934 | 23.76 |
| 40 | 25.99 | 36.064 | 23.86 |
| 50 | 25.96 | 36.144 | 23.93 |
| 60 | 26.04 | 36.410 | 24.10 |
| 70 | 25.68 | 36.802 | 24.51 |
| 80 | 25.20 | 36.926 | 24.76 |
| 90 | 24.41 | 37.078 | 25.11 |
| 100 | 24.01 | 37.176 | 25.31 |
| 110 | 23.75 | 37.177 | 25.38 |
| 120 | 23.64 | 37.208 | 25.44 |
| 130 | 23.22 | 37.184 | 25.54 |
| 140 | 22.70 | 37.185 | 25.70 |
| 150 | 22.34 | 37.141 | 25.76 |
| 160 | 20.99 | 36.828 | 25.91 |
| 170 | 20.13 | 36.757 | 26.08 |
| 180 | 19.43 | 36.734 | 26.25 |
| 190 | 19.10 | 36.638 | 26.26 |
| 200 | 18.44 | 36.532 | 26.35 |
| 250 | 16.03 | 36.117 | 26.62 |
| 300 | 14.22 | 35.813 | 26.79 |
| 350 | 12.87 | 35.588 | 26.89 |
| 400 | 11.46 | 35.335 | 26.97 |
| 450 | 10.83 | 35.250 | 27.02 |
| 500 | 9.32 | 35.008 | 27.09 |
| 550 | 8.53 | 34.906 | 27.14 |
| 600 | 8.07 | 34.866 | 27.18 |
| 650 | 7.29 | 34.782 | 27.23 |
| 700 | 6.84 | 34.755 | 27.27 |
| 750 | 6.34 | 34.734 | 27.32 |
| 800 | 6.03 | 34.743 | 27.37 |
| 850 | 5.81 | 34.773 | 27.42 |
| 900 | 5.56 | 34.822 | 27.49 |
| 950 | 5.35 | 34.851 | 27.54 |
| 1000 | 5.18 | 34.885 | 27.58 |
| 1298 | 4.45 | 34.953 | 27.72 |

RES-STACS23-86 CTD 55 RESEARCHER
Date 01 30 86 Latitude 14.002 N
Time 0954 Z Longitude 63.542 W



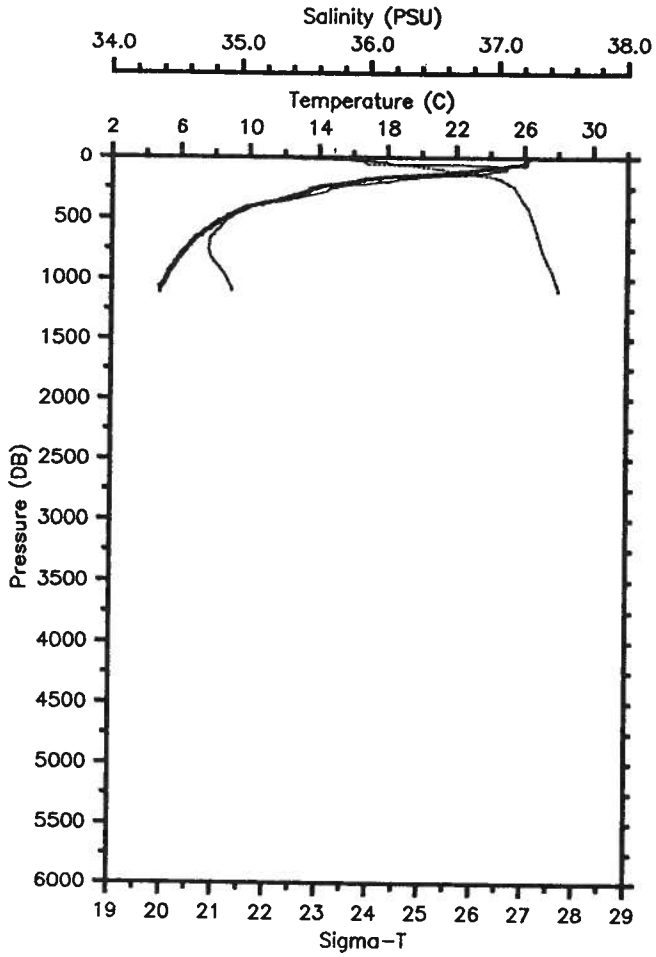

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.01 | 36.065 | 23.85 |
| 10 | 26.01 | 36.064 | 23.85 |
| 20 | 26.01 | 36.067 | 23.86 |
| 30 | 26.01 | 36.069 | 23.86 |
| 40 | 26.02 | 36.070 | 23.86 |
| 50 | 25.99 | 36.096 | 23.88 |
| 60 | 26.05 | 36.531 | 24.19 |
| 70 | 25.81 | 36.893 | 24.54 |
| 80 | 25.44 | 37.038 | 24.77 |
| 90 | 24.85 | 37.077 | 24.98 |
| 100 | 24.33 | 37.148 | 25.19 |
| 110 | 23.82 | 37.131 | 25.33 |
| 120 | 22.53 | 37.019 | 25.62 |
| 130 | 21.88 | 37.001 | 25.79 |
| 140 | 20.78 | 36.927 | 26.04 |
| 150 | 20.03 | 36.810 | 26.15 |
| 160 | 19.56 | 36.709 | 26.20 |
| 170 | 18.58 | 36.562 | 26.34 |
| 180 | 17.95 | 36.452 | 26.41 |
| 190 | 17.43 | 36.368 | 26.48 |
| 200 | 16.80 | 36.251 | 26.54 |
| 250 | 14.28 | 35.816 | 26.77 |
| 300 | 12.77 | 35.554 | 26.89 |
| 350 | 11.32 | 35.312 | 26.98 |
| 400 | 10.18 | 35.144 | 27.06 |
| 450 | 9.39 | 35.037 | 27.10 |
| 500 | 8.76 | 34.949 | 27.14 |
| 550 | 7.76 | 34.831 | 27.20 |
| 600 | 7.31 | 34.797 | 27.24 |
| 650 | 6.81 | 34.762 | 27.28 |
| 700 | 6.43 | 34.750 | 27.32 |
| 750 | 6.05 | 34.745 | 27.37 |
| 800 | 5.76 | 34.786 | 27.43 |
| 850 | 5.45 | 34.841 | 27.52 |
| 900 | 5.32 | 34.862 | 27.55 |
| 950 | 5.19 | 34.880 | 27.58 |
| 1000 | 4.98 | 34.906 | 27.62 |
| 1370 | 4.36 | 34.957 | 27.73 |

RES-STACS23-86 CTD 56 RESEARCHER
Date 01 30 86 Latitude 13.670 N
Time 1315 Z Longitude 63.532 W



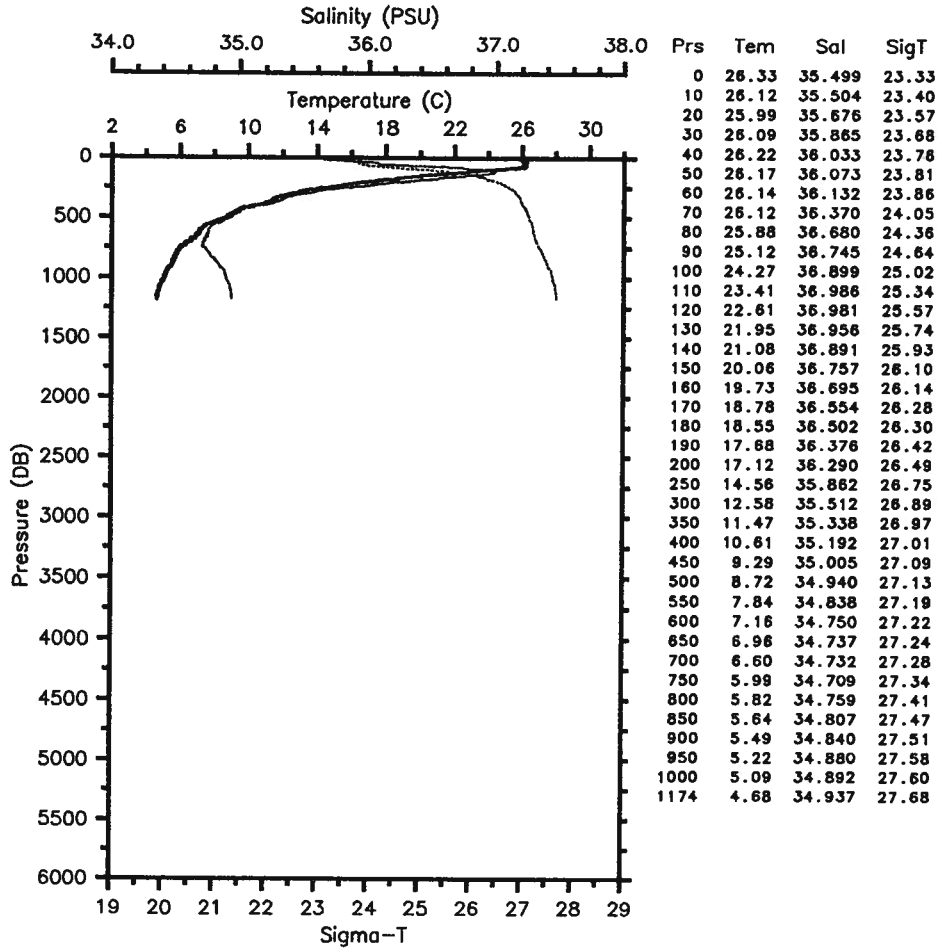

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.03 | 35.330 | 23.29 |
| 10 | 26.02 | 35.347 | 23.31 |
| 20 | 26.10 | 36.092 | 23.85 |
| 30 | 26.03 | 36.097 | 23.87 |
| 40 | 26.01 | 36.100 | 23.88 |
| 50 | 25.99 | 36.107 | 23.89 |
| 60 | 25.97 | 36.486 | 24.18 |
| 70 | 25.19 | 36.785 | 24.65 |
| 80 | 24.86 | 36.996 | 24.91 |
| 90 | 24.22 | 37.134 | 25.21 |
| 100 | 23.80 | 37.159 | 25.35 |
| 110 | 23.18 | 37.182 | 25.55 |
| 120 | 22.04 | 36.952 | 25.71 |
| 130 | 21.43 | 36.938 | 25.87 |
| 140 | 20.79 | 36.869 | 25.99 |
| 150 | 19.73 | 36.694 | 26.14 |
| 160 | 18.97 | 36.582 | 26.25 |
| 170 | 18.45 | 36.503 | 26.33 |
| 180 | 17.96 | 36.426 | 26.39 |
| 190 | 17.68 | 36.385 | 26.43 |
| 200 | 16.95 | 36.263 | 26.51 |
| 250 | 14.18 | 35.791 | 26.78 |
| 300 | 12.05 | 35.419 | 26.92 |
| 350 | 10.88 | 35.239 | 27.00 |
| 400 | 9.90 | 35.095 | 27.06 |
| 450 | 8.99 | 34.976 | 27.12 |
| 500 | 7.84 | 34.830 | 27.19 |
| 550 | 7.18 | 34.760 | 27.22 |
| 600 | 6.82 | 34.743 | 27.26 |
| 650 | 6.53 | 34.729 | 27.29 |
| 700 | 6.28 | 34.732 | 27.33 |
| 750 | 6.01 | 34.763 | 27.38 |
| 800 | 5.94 | 34.773 | 27.40 |
| 850 | 5.73 | 34.803 | 27.45 |
| 900 | 5.63 | 34.820 | 27.48 |
| 950 | 5.39 | 34.854 | 27.53 |
| 1000 | 5.18 | 34.878 | 27.58 |
| 1098 | 4.85 | 34.920 | 27.65 |

RES-STACS23-86 CTD 57 RESEARCHER
Date 01 30 86 Latitude 13.493 N
Time 1544 Z Longitude 63.556 W



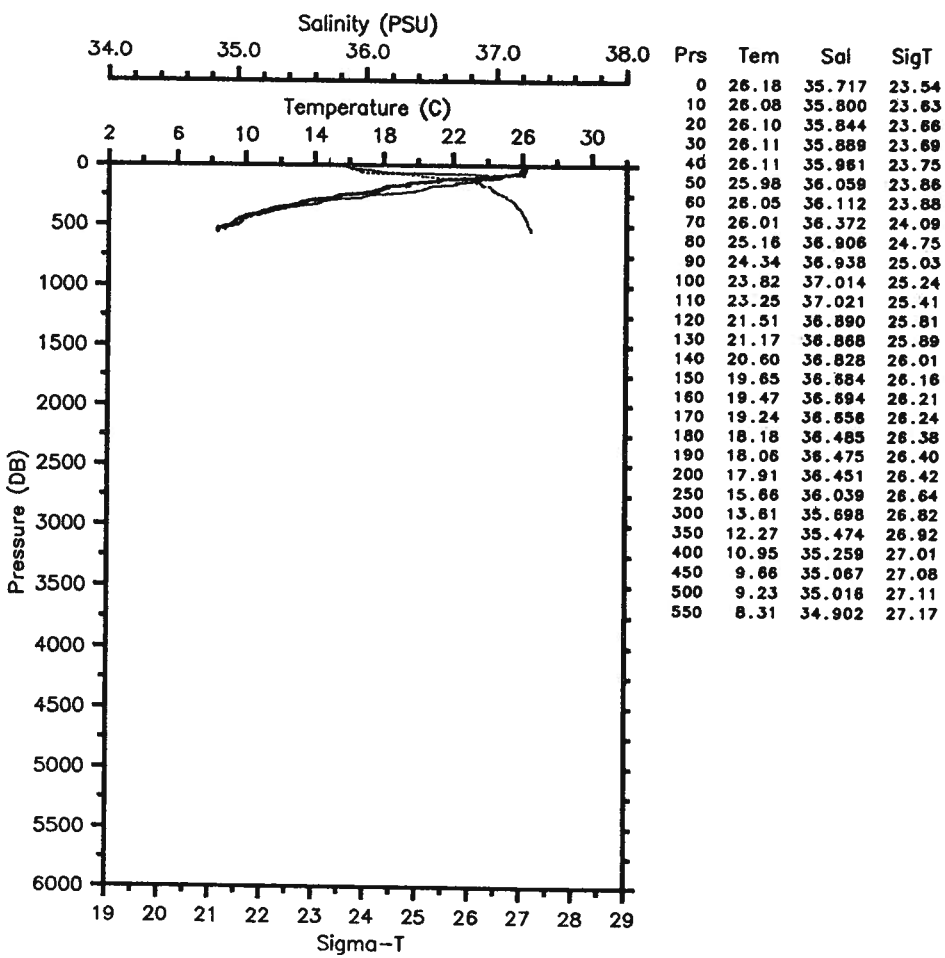

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.14 | 35.409 | 23.32 |
| 10 | 26.13 | 35.409 | 23.32 |
| 20 | 26.06 | 35.678 | 23.55 |
| 30 | 26.01 | 35.972 | 23.78 |
| 40 | 26.03 | 36.122 | 23.89 |
| 50 | 25.99 | 36.137 | 23.91 |
| 60 | 26.02 | 36.550 | 24.22 |
| 70 | 25.05 | 36.957 | 24.82 |
| 80 | 24.69 | 37.057 | 25.01 |
| 90 | 23.92 | 36.998 | 25.20 |
| 100 | 23.32 | 37.059 | 25.42 |
| 110 | 22.65 | 36.999 | 25.57 |
| 120 | 21.87 | 36.928 | 25.74 |
| 130 | 21.10 | 36.850 | 25.89 |
| 140 | 20.45 | 36.784 | 26.02 |
| 150 | 18.94 | 36.551 | 26.24 |
| 160 | 17.86 | 36.399 | 26.39 |
| 170 | 17.41 | 36.318 | 26.44 |
| 180 | 16.85 | 36.219 | 26.55 |
| 190 | 16.40 | 36.177 | 26.58 |
| 200 | 16.20 | 36.143 | 26.60 |
| 250 | 13.83 | 35.728 | 26.80 |
| 300 | 12.97 | 35.584 | 26.87 |
| 350 | 11.73 | 35.382 | 26.96 |
| 400 | 10.23 | 35.134 | 27.04 |
| 450 | 9.34 | 35.016 | 27.10 |
| 500 | 8.60 | 34.924 | 27.14 |
| 550 | 7.97 | 34.860 | 27.19 |
| 600 | 7.45 | 34.808 | 27.23 |
| 650 | 6.98 | 34.770 | 27.26 |
| 700 | 6.59 | 34.753 | 27.30 |
| 750 | 6.34 | 34.748 | 27.33 |
| 800 | 5.99 | 34.760 | 27.39 |
| 850 | 5.76 | 34.782 | 27.43 |
| 900 | 5.53 | 34.833 | 27.50 |
| 950 | 5.29 | 34.863 | 27.55 |
| 1000 | 5.15 | 34.891 | 27.59 |
| 1100 | 4.79 | 34.930 | 27.67 |

RES-STACS23-86 CTD 58 RESEARCHER
Date 01 30 86 Latitude 13.330 N
Time 1854 Z Longitude 63.509 W



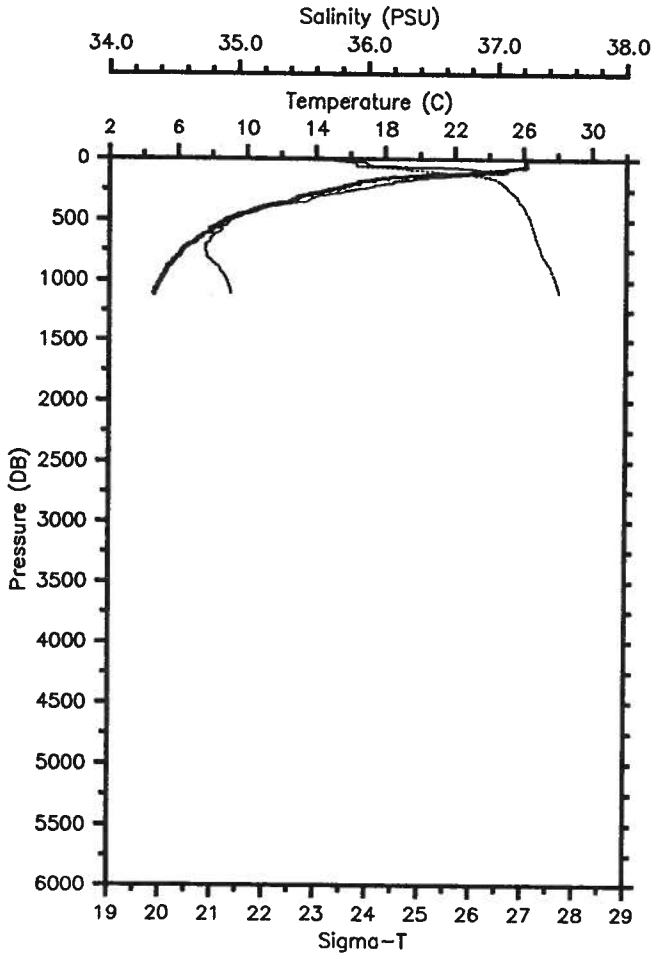

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.33 | 35.499 | 23.33 |
| 10 | 26.12 | 35.504 | 23.40 |
| 20 | 25.99 | 35.676 | 23.57 |
| 30 | 26.09 | 35.865 | 23.68 |
| 40 | 26.22 | 36.033 | 23.76 |
| 50 | 26.17 | 36.073 | 23.81 |
| 60 | 26.14 | 36.132 | 23.86 |
| 70 | 26.12 | 36.370 | 24.05 |
| 80 | 25.88 | 36.680 | 24.36 |
| 90 | 25.12 | 36.745 | 24.64 |
| 100 | 24.27 | 36.899 | 25.02 |
| 110 | 23.41 | 36.986 | 25.34 |
| 120 | 22.61 | 36.981 | 25.57 |
| 130 | 21.95 | 36.956 | 25.74 |
| 140 | 21.08 | 36.891 | 25.93 |
| 150 | 20.06 | 36.757 | 26.10 |
| 160 | 19.73 | 36.695 | 26.14 |
| 170 | 18.78 | 36.554 | 26.28 |
| 180 | 18.55 | 36.502 | 26.30 |
| 190 | 17.68 | 36.376 | 26.42 |
| 200 | 17.12 | 36.290 | 26.49 |
| 250 | 14.56 | 35.862 | 26.75 |
| 300 | 12.58 | 35.512 | 26.89 |
| 350 | 11.47 | 35.338 | 26.97 |
| 400 | 10.61 | 35.192 | 27.01 |
| 450 | 9.29 | 35.005 | 27.09 |
| 500 | 8.72 | 34.940 | 27.13 |
| 550 | 7.84 | 34.838 | 27.19 |
| 600 | 7.16 | 34.750 | 27.22 |
| 650 | 6.96 | 34.737 | 27.24 |
| 700 | 6.60 | 34.732 | 27.28 |
| 750 | 5.99 | 34.709 | 27.34 |
| 800 | 5.82 | 34.759 | 27.41 |
| 850 | 5.64 | 34.807 | 27.47 |
| 900 | 5.49 | 34.840 | 27.51 |
| 950 | 5.22 | 34.880 | 27.58 |
| 1000 | 5.09 | 34.892 | 27.60 |
| 1174 | 4.68 | 34.937 | 27.68 |

RES-STACS23-86 CTD 59 RESEARCHER
Date 01 30 86 Latitude 13.007 N
Time 2155 Z Longitude 63.554 W



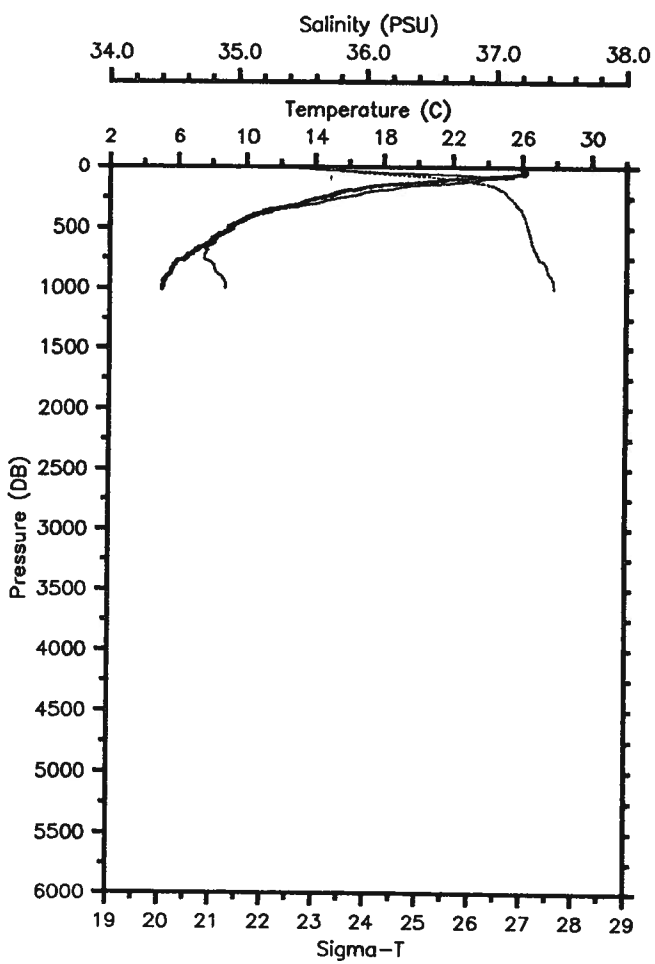

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.18 | 35.717 | 23.54 |
| 10 | 26.08 | 35.800 | 23.63 |
| 20 | 26.10 | 35.844 | 23.66 |
| 30 | 26.11 | 35.889 | 23.69 |
| 40 | 26.11 | 35.961 | 23.75 |
| 50 | 25.98 | 36.059 | 23.86 |
| 60 | 26.05 | 36.112 | 23.88 |
| 70 | 26.01 | 36.372 | 24.09 |
| 80 | 25.16 | 36.906 | 24.75 |
| 90 | 24.34 | 36.938 | 25.03 |
| 100 | 23.82 | 37.014 | 25.24 |
| 110 | 23.25 | 37.021 | 25.41 |
| 120 | 21.51 | 36.890 | 25.81 |
| 130 | 21.17 | 36.868 | 25.89 |
| 140 | 20.60 | 36.828 | 26.01 |
| 150 | 19.65 | 36.684 | 26.16 |
| 160 | 19.47 | 36.694 | 26.21 |
| 170 | 19.24 | 36.656 | 26.24 |
| 180 | 18.18 | 36.485 | 26.38 |
| 190 | 18.06 | 36.475 | 26.40 |
| 200 | 17.91 | 36.451 | 26.42 |
| 250 | 15.66 | 36.039 | 26.64 |
| 300 | 13.61 | 35.698 | 26.82 |
| 350 | 12.27 | 35.474 | 26.92 |
| 400 | 10.95 | 35.259 | 27.01 |
| 450 | 9.66 | 35.067 | 27.08 |
| 500 | 9.23 | 35.016 | 27.11 |
| 550 | 8.31 | 34.902 | 27.17 |

RES-STACS23-86 CTD 60 RESEARCHER
Date 01 31 86 Latitude 12.658 N
Time 0026 Z Longitude 63.583 W




| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.07 | 35.723 | 23.58 |
| 10 | 26.07 | 35.722 | 23.58 |
| 20 | 26.07 | 35.764 | 23.61 |
| 30 | 26.09 | 35.912 | 23.71 |
| 40 | 26.13 | 35.990 | 23.76 |
| 50 | 26.16 | 36.000 | 23.76 |
| 60 | 26.13 | 36.016 | 23.78 |
| 70 | 25.99 | 36.391 | 24.11 |
| 80 | 25.14 | 36.787 | 24.67 |
| 90 | 24.93 | 36.839 | 24.77 |
| 100 | 23.95 | 36.939 | 25.14 |
| 110 | 23.32 | 37.073 | 25.43 |
| 120 | 21.76 | 36.874 | 25.73 |
| 130 | 20.38 | 36.765 | 26.02 |
| 140 | 19.45 | 36.654 | 26.18 |
| 150 | 18.35 | 36.476 | 26.33 |
| 160 | 17.93 | 36.382 | 26.36 |
| 170 | 17.45 | 36.348 | 26.46 |
| 180 | 16.97 | 36.262 | 26.51 |
| 190 | 16.48 | 36.195 | 26.57 |
| 200 | 16.40 | 36.179 | 26.58 |
| 250 | 14.78 | 35.896 | 26.73 |
| 300 | 13.27 | 35.640 | 26.85 |
| 350 | 12.52 | 35.529 | 26.92 |
| 400 | 10.73 | 35.220 | 27.01 |
| 450 | 9.80 | 35.090 | 27.08 |
| 500 | 8.83 | 34.960 | 27.13 |
| 550 | 8.27 | 34.900 | 27.17 |
| 600 | 7.88 | 34.864 | 27.21 |
| 650 | 7.26 | 34.786 | 27.24 |
| 700 | 6.72 | 34.750 | 27.28 |
| 750 | 6.30 | 34.745 | 27.33 |
| 800 | 6.08 | 34.758 | 27.37 |
| 850 | 5.72 | 34.800 | 27.45 |
| 900 | 5.39 | 34.852 | 27.53 |
| 950 | 5.22 | 34.887 | 27.58 |
| 1000 | 5.01 | 34.909 | 27.62 |
| 1110 | 4.64 | 34.941 | 27.69 |

RES-STACS23-86 CTD 61 RESEARCHER
Date 01 31 86 Latitude 12.503 N
Time 0520 Z Longitude 63.500 W

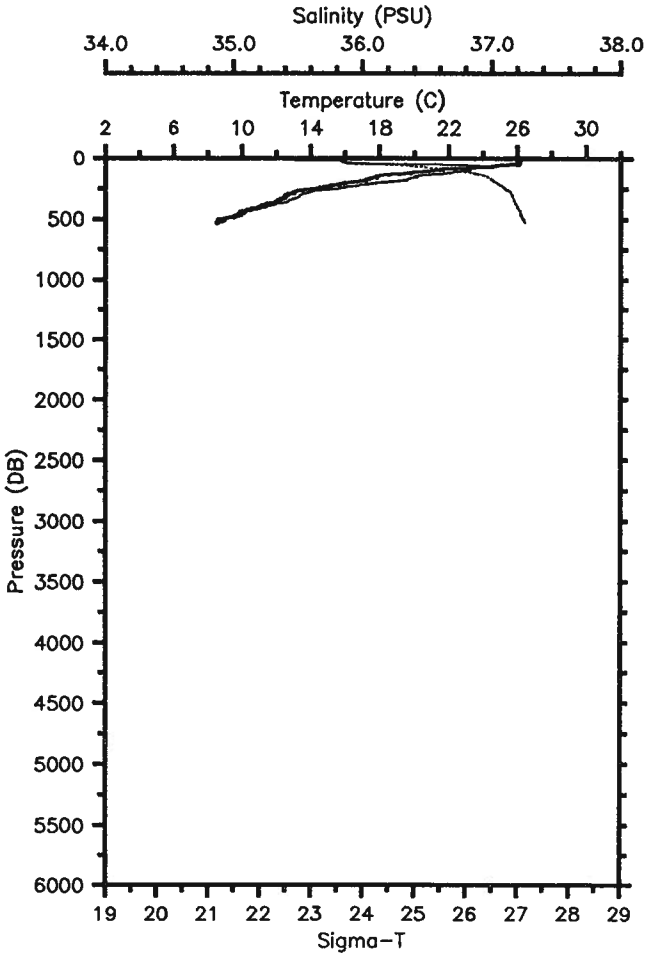



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.00 | 35.470 | 23.41 |
| 10 | 25.99 | 35.471 | 23.41 |
| 20 | 26.01 | 35.547 | 23.46 |
| 30 | 26.00 | 35.664 | 23.55 |
| 40 | 26.17 | 35.948 | 23.72 |
| 50 | 26.12 | 36.144 | 23.88 |
| 60 | 26.05 | 36.489 | 24.16 |
| 70 | 25.22 | 36.822 | 24.67 |
| 80 | 23.95 | 36.944 | 25.15 |
| 90 | 23.42 | 37.057 | 25.39 |
| 100 | 21.96 | 36.891 | 25.68 |
| 110 | 21.38 | 36.872 | 25.83 |
| 120 | 20.51 | 36.775 | 26.00 |
| 130 | 19.70 | 36.652 | 26.12 |
| 140 | 19.04 | 36.599 | 26.25 |
| 150 | 17.97 | 36.438 | 26.40 |
| 160 | 17.28 | 36.318 | 26.47 |
| 170 | 16.91 | 36.260 | 26.52 |
| 180 | 16.61 | 36.218 | 26.56 |
| 190 | 16.16 | 36.125 | 26.59 |
| 200 | 15.64 | 36.046 | 26.65 |
| 250 | 14.39 | 35.832 | 26.76 |
| 300 | 13.21 | 35.633 | 26.86 |
| 350 | 11.43 | 35.332 | 26.97 |
| 400 | 10.42 | 35.185 | 27.03 |
| 450 | 9.62 | 35.041 | 27.07 |
| 500 | 8.95 | 34.953 | 27.11 |
| 550 | 8.44 | 34.887 | 27.14 |
| 600 | 8.01 | 34.834 | 27.16 |
| 650 | 7.60 | 34.800 | 27.20 |
| 700 | 6.90 | 34.750 | 27.26 |
| 750 | 6.49 | 34.737 | 27.30 |
| 800 | 5.80 | 34.797 | 27.44 |
| 850 | 5.62 | 34.818 | 27.48 |
| 900 | 5.33 | 34.864 | 27.55 |
| 950 | 5.12 | 34.897 | 27.60 |
| 1000 | 5.08 | 34.902 | 27.61 |

RES-STACS23-86 CTD 62 RESEARCHER

Date 01 31 86 Latitude 12.330 N

Time 0743 Z Longitude 63.552 W

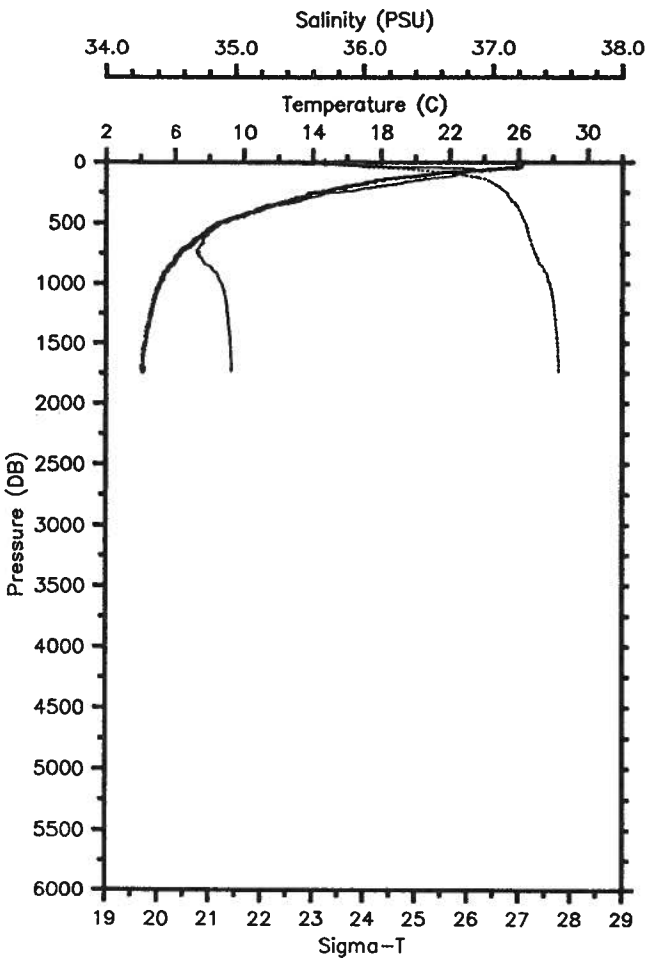



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.00 | 35.123 | 23.15 |
| 10 | 26.06 | 35.197 | 23.18 |
| 20 | 26.09 | 35.828 | 23.65 |
| 30 | 26.06 | 35.835 | 23.67 |
| 40 | 26.10 | 35.914 | 23.71 |
| 50 | 25.76 | 36.566 | 24.31 |
| 60 | 24.71 | 36.885 | 24.87 |
| 70 | 23.99 | 36.947 | 25.14 |
| 80 | 22.80 | 36.839 | 25.41 |
| 90 | 21.69 | 36.837 | 25.72 |
| 100 | 21.21 | 36.802 | 25.83 |
| 110 | 20.44 | 36.741 | 25.99 |
| 120 | 19.86 | 36.685 | 26.10 |
| 130 | 19.30 | 36.609 | 26.19 |
| 140 | 18.42 | 36.484 | 26.32 |
| 150 | 17.82 | 36.409 | 26.41 |
| 160 | 17.69 | 36.400 | 26.44 |
| 170 | 17.40 | 36.357 | 26.48 |
| 180 | 17.23 | 36.349 | 26.51 |
| 190 | 16.98 | 36.297 | 26.53 |
| 200 | 16.35 | 36.180 | 26.59 |
| 250 | 14.34 | 35.815 | 26.76 |
| 300 | 12.64 | 35.527 | 26.89 |
| 350 | 12.04 | 35.431 | 26.93 |
| 400 | 11.01 | 35.265 | 27.00 |
| 450 | 9.90 | 35.098 | 27.07 |
| 500 | 8.74 | 34.912 | 27.11 |
| 528 | 8.50 | 34.897 | 27.14 |

RES-STACS23-86 CTD 63 RESEARCHER

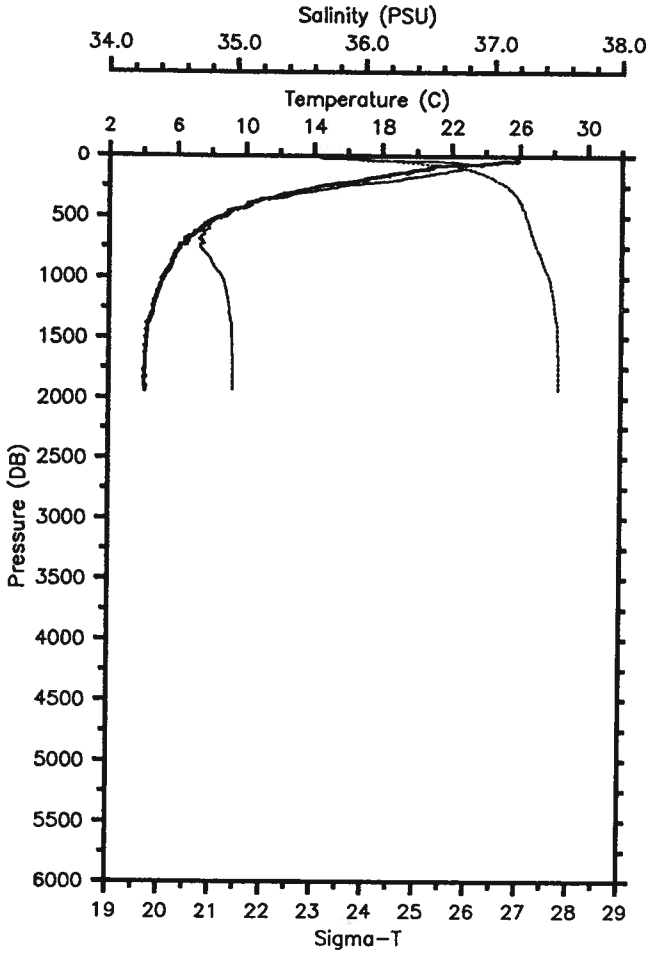
Date 01 31 86 Latitude 12.176 N

Time 0946 Z Longitude 63.537 W



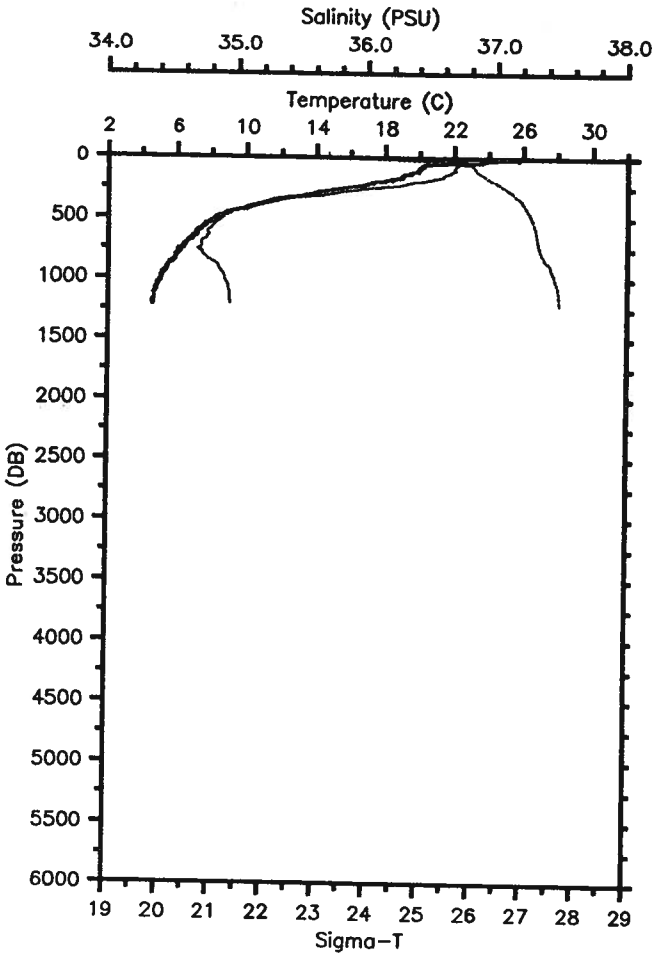

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.95 | 35.512 | 23.46 |
| 10 | 25.95 | 35.512 | 23.45 |
| 20 | 26.06 | 35.634 | 23.51 |
| 30 | 26.11 | 35.972 | 23.75 |
| 40 | 25.87 | 36.113 | 23.93 |
| 50 | 25.28 | 36.895 | 24.56 |
| 60 | 24.30 | 36.788 | 24.93 |
| 70 | 23.70 | 36.784 | 25.10 |
| 80 | 22.37 | 36.788 | 25.49 |
| 90 | 21.38 | 36.747 | 25.74 |
| 100 | 20.95 | 36.735 | 25.85 |
| 110 | 20.31 | 36.702 | 25.99 |
| 120 | 19.77 | 36.666 | 26.11 |
| 130 | 18.98 | 36.568 | 26.24 |
| 140 | 18.24 | 36.468 | 26.35 |
| 150 | 17.82 | 36.403 | 26.41 |
| 160 | 17.64 | 36.382 | 26.44 |
| 170 | 17.18 | 36.309 | 26.49 |
| 180 | 16.97 | 36.271 | 26.51 |
| 190 | 16.45 | 36.188 | 26.57 |
| 200 | 16.01 | 36.116 | 26.62 |
| 250 | 14.29 | 35.801 | 26.76 |
| 300 | 13.04 | 35.557 | 26.83 |
| 350 | 11.72 | 35.370 | 26.95 |
| 400 | 10.64 | 35.204 | 27.02 |
| 450 | 9.63 | 35.039 | 27.06 |
| 500 | 8.57 | 34.902 | 27.13 |
| 550 | 7.96 | 34.827 | 27.16 |
| 600 | 7.61 | 34.788 | 27.19 |
| 650 | 7.11 | 34.743 | 27.22 |
| 700 | 6.69 | 34.722 | 27.26 |
| 750 | 6.23 | 34.705 | 27.31 |
| 800 | 6.04 | 34.741 | 27.36 |
| 850 | 5.72 | 34.794 | 27.45 |
| 900 | 5.48 | 34.834 | 27.51 |
| 950 | 5.28 | 34.868 | 27.56 |
| 1000 | 5.10 | 34.890 | 27.60 |
| 1500 | 4.27 | 34.959 | 27.75 |
| 1734 | 4.13 | 34.968 | 27.77 |

RES-STACS23-86 CTD 64 RESEARCHER
Date 01 31 86 Latitude 12.012 N
Time 1236 Z Longitude 63.527 W



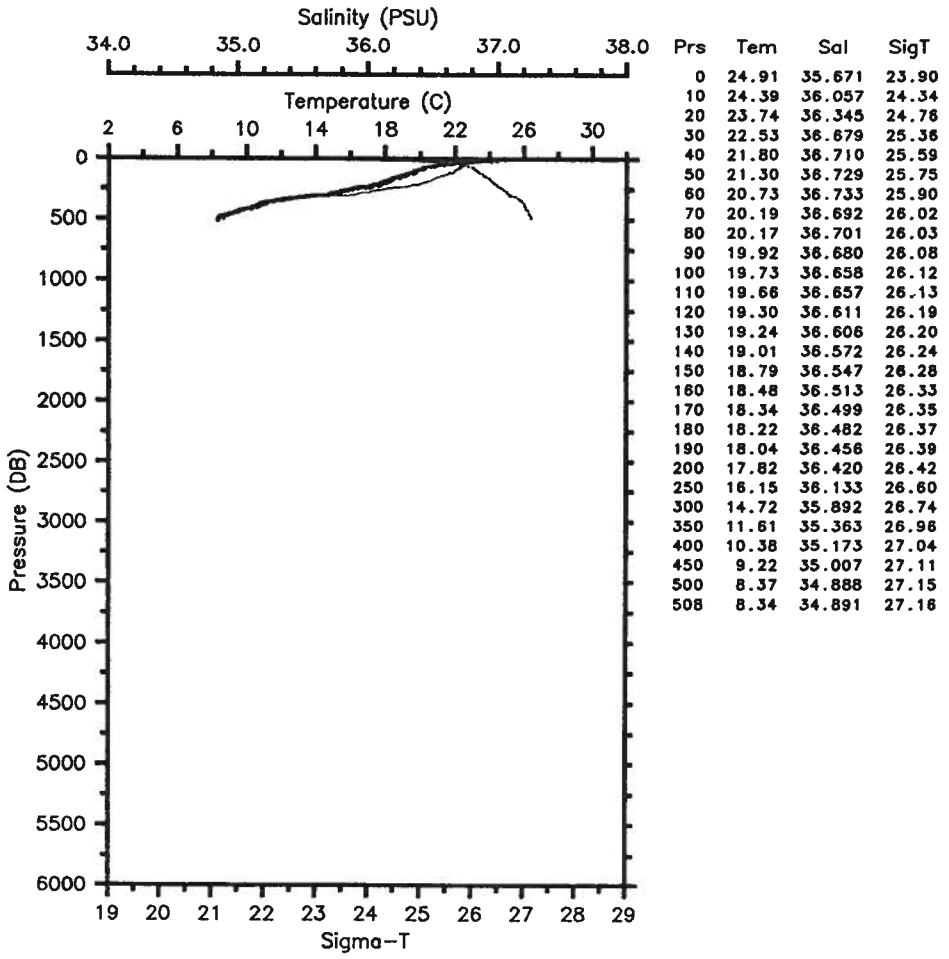

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.83 | 35.641 | 23.59 |
| 10 | 25.82 | 35.641 | 23.59 |
| 20 | 25.82 | 35.647 | 23.60 |
| 30 | 25.84 | 35.981 | 23.84 |
| 40 | 25.73 | 36.131 | 23.99 |
| 50 | 24.81 | 36.705 | 24.71 |
| 60 | 24.00 | 36.768 | 25.00 |
| 70 | 23.44 | 36.772 | 25.17 |
| 80 | 21.49 | 36.780 | 25.73 |
| 90 | 20.91 | 36.742 | 25.86 |
| 100 | 20.68 | 36.721 | 25.91 |
| 110 | 20.50 | 36.746 | 25.98 |
| 120 | 19.77 | 36.674 | 26.12 |
| 130 | 19.54 | 36.634 | 26.15 |
| 140 | 19.07 | 36.575 | 26.22 |
| 150 | 18.53 | 36.498 | 26.30 |
| 160 | 18.31 | 36.474 | 26.34 |
| 170 | 17.88 | 36.424 | 26.41 |
| 180 | 17.38 | 36.348 | 26.47 |
| 190 | 17.10 | 36.298 | 26.50 |
| 200 | 16.90 | 36.265 | 26.52 |
| 250 | 14.44 | 35.836 | 26.76 |
| 300 | 12.99 | 35.591 | 26.87 |
| 350 | 11.62 | 35.350 | 26.95 |
| 400 | 10.16 | 35.116 | 27.03 |
| 450 | 9.20 | 34.985 | 27.09 |
| 500 | 8.57 | 34.896 | 27.12 |
| 550 | 7.82 | 34.809 | 27.17 |
| 600 | 7.43 | 34.781 | 27.21 |
| 650 | 6.95 | 34.741 | 27.24 |
| 700 | 6.60 | 34.731 | 27.28 |
| 750 | 6.15 | 34.711 | 27.33 |
| 800 | 5.90 | 34.748 | 27.39 |
| 850 | 5.72 | 34.792 | 27.44 |
| 900 | 5.64 | 34.811 | 27.47 |
| 950 | 5.42 | 34.845 | 27.52 |
| 1000 | 5.19 | 34.883 | 27.58 |
| 1500 | 4.21 | 34.963 | 27.76 |
| 1932 | 4.11 | 34.970 | 27.77 |

RES-STACS23-86 CTD 65 RESEARCHER
Date 01 31 86 Latitude 11.842 N
Time 1444 Z Longitude 63.555 W



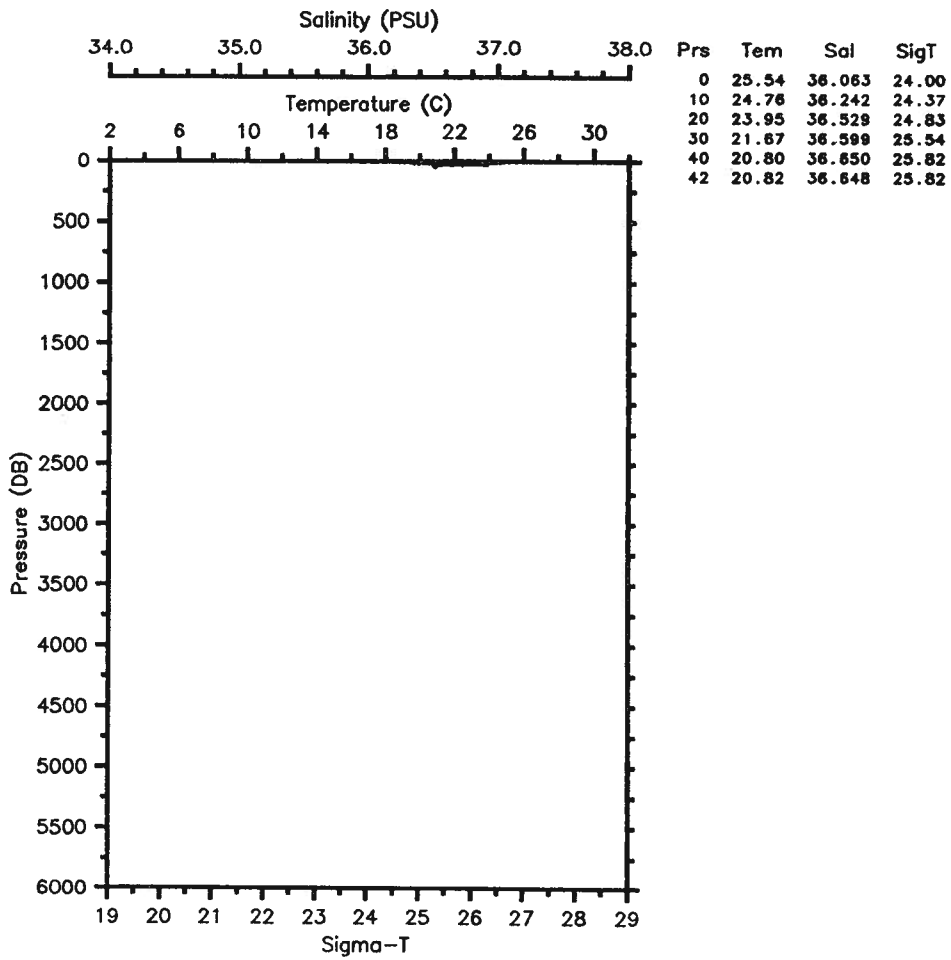

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.71 | 35.731 | 23.70 |
| 10 | 25.71 | 36.014 | 23.91 |
| 20 | 24.67 | 36.422 | 24.54 |
| 30 | 23.67 | 36.759 | 25.09 |
| 40 | 23.03 | 36.773 | 25.29 |
| 50 | 21.03 | 36.792 | 25.87 |
| 60 | 20.25 | 36.693 | 26.00 |
| 70 | 20.13 | 36.677 | 26.02 |
| 80 | 20.06 | 36.672 | 26.04 |
| 90 | 19.94 | 36.667 | 26.07 |
| 100 | 19.95 | 36.675 | 26.07 |
| 110 | 19.92 | 36.671 | 26.08 |
| 120 | 19.60 | 36.640 | 26.13 |
| 130 | 19.47 | 36.640 | 26.17 |
| 140 | 19.14 | 36.600 | 26.22 |
| 150 | 19.02 | 36.585 | 26.24 |
| 160 | 18.99 | 36.586 | 26.25 |
| 170 | 18.77 | 36.540 | 26.27 |
| 180 | 18.41 | 36.502 | 26.34 |
| 190 | 18.09 | 36.453 | 26.38 |
| 200 | 17.68 | 36.378 | 26.42 |
| 250 | 15.81 | 36.095 | 26.65 |
| 300 | 13.87 | 35.741 | 26.80 |
| 350 | 11.74 | 35.376 | 26.95 |
| 400 | 10.34 | 35.159 | 27.04 |
| 450 | 9.11 | 34.971 | 27.10 |
| 500 | 8.27 | 34.875 | 27.16 |
| 550 | 7.68 | 34.822 | 27.20 |
| 600 | 7.26 | 34.778 | 27.23 |
| 650 | 7.03 | 34.768 | 27.25 |
| 700 | 6.54 | 34.719 | 27.28 |
| 750 | 6.29 | 34.709 | 27.31 |
| 800 | 5.97 | 34.728 | 27.36 |
| 850 | 5.77 | 34.784 | 27.43 |
| 900 | 5.43 | 34.847 | 27.52 |
| 950 | 5.21 | 34.876 | 27.57 |
| 1000 | 5.07 | 34.896 | 27.61 |
| 1212 | 4.59 | 34.940 | 27.70 |

RES-STACS23-86 CTD 66 RESEARCHER
Date 01 31 86 Latitude 11.671 N
Time 1718 Z Longitude 63.545 W



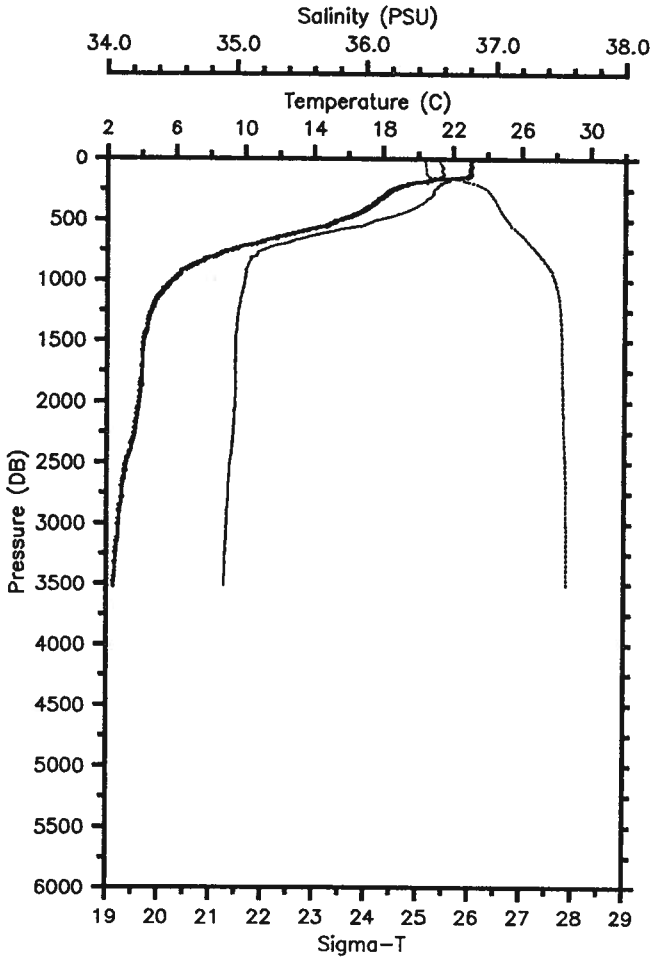

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 24.91 | 35.671 | 23.90 |
| 10 | 24.39 | 36.057 | 24.34 |
| 20 | 23.74 | 36.345 | 24.76 |
| 30 | 22.53 | 36.679 | 25.36 |
| 40 | 21.80 | 36.710 | 25.59 |
| 50 | 21.30 | 36.729 | 25.75 |
| 60 | 20.73 | 36.733 | 25.90 |
| 70 | 20.19 | 36.692 | 26.02 |
| 80 | 20.17 | 36.701 | 26.03 |
| 90 | 19.92 | 36.680 | 26.08 |
| 100 | 19.73 | 36.658 | 26.12 |
| 110 | 19.66 | 36.657 | 26.13 |
| 120 | 19.30 | 36.611 | 26.19 |
| 130 | 19.24 | 36.606 | 26.20 |
| 140 | 19.01 | 36.572 | 26.24 |
| 150 | 18.79 | 36.547 | 26.28 |
| 160 | 18.48 | 36.513 | 26.33 |
| 170 | 18.34 | 36.499 | 26.35 |
| 180 | 18.22 | 36.482 | 26.37 |
| 190 | 18.04 | 36.456 | 26.39 |
| 200 | 17.82 | 36.420 | 26.42 |
| 250 | 16.15 | 36.133 | 26.60 |
| 300 | 14.72 | 35.892 | 26.74 |
| 350 | 11.61 | 35.363 | 26.96 |
| 400 | 10.38 | 35.173 | 27.04 |
| 450 | 9.22 | 35.007 | 27.11 |
| 500 | 8.37 | 34.888 | 27.15 |
| 508 | 8.34 | 34.891 | 27.16 |

RES-STACS23-86 CTD 67 RESEARCHER
Date 01 31 86 Latitude 11.501 N
Time 1940 Z Longitude 63.554 W



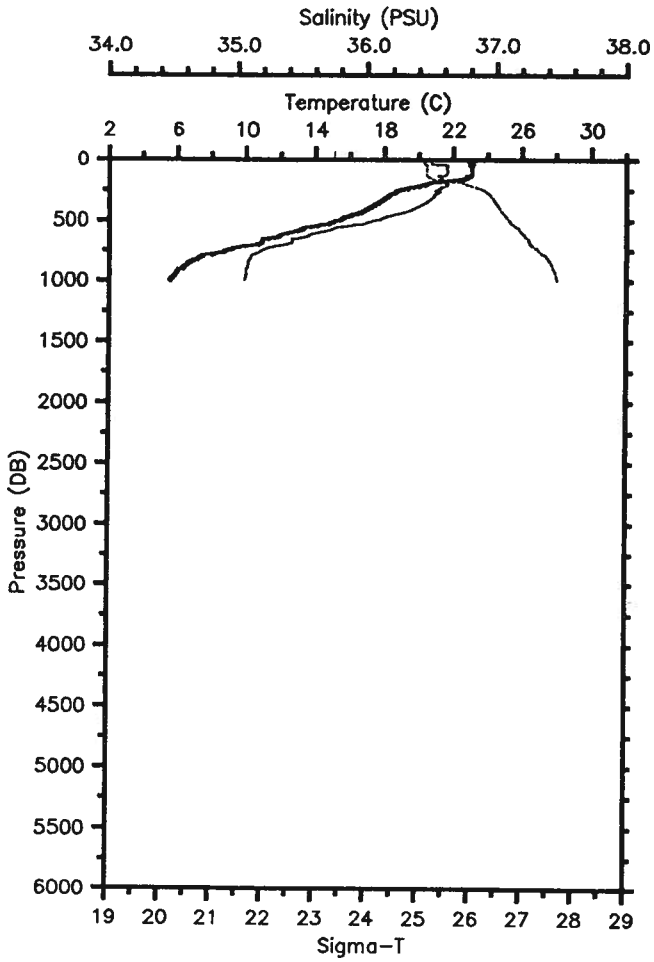

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.54 | 36.063 | 24.00 |
| 10 | 24.76 | 36.242 | 24.37 |
| 20 | 23.95 | 36.529 | 24.83 |
| 30 | 21.67 | 36.599 | 25.54 |
| 40 | 20.80 | 36.650 | 25.82 |
| 42 | 20.82 | 36.648 | 25.82 |

RES-STACS23-86 CTD 68 RESEARCHER
Date 02 05 86 Latitude 26.547 N
Time 0547 Z Longitude 76.746 W



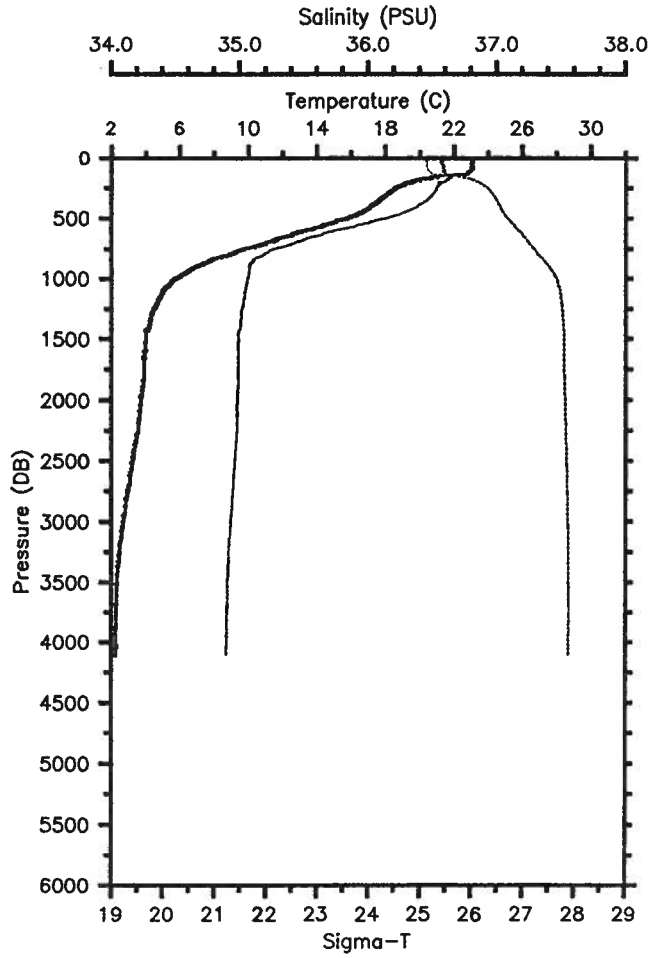

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.06 | 36.568 | 25.12 |
| 10 | 23.04 | 36.568 | 25.13 |
| 20 | 23.05 | 36.567 | 25.13 |
| 30 | 23.05 | 36.567 | 25.13 |
| 40 | 23.02 | 36.571 | 25.14 |
| 50 | 23.04 | 36.581 | 25.14 |
| 60 | 23.05 | 36.584 | 25.14 |
| 70 | 23.06 | 36.590 | 25.14 |
| 80 | 23.03 | 36.589 | 25.15 |
| 90 | 23.00 | 36.583 | 25.15 |
| 100 | 23.00 | 36.584 | 25.15 |
| 110 | 23.00 | 36.586 | 25.15 |
| 120 | 23.01 | 36.598 | 25.16 |
| 130 | 23.01 | 36.602 | 25.16 |
| 140 | 22.92 | 36.579 | 25.17 |
| 150 | 22.65 | 36.561 | 25.24 |
| 160 | 21.93 | 36.622 | 25.49 |
| 170 | 20.79 | 36.625 | 25.81 |
| 180 | 20.51 | 36.639 | 25.89 |
| 190 | 19.97 | 36.594 | 26.00 |
| 200 | 19.62 | 36.581 | 26.09 |
| 250 | 18.53 | 36.524 | 26.32 |
| 300 | 18.09 | 36.510 | 26.42 |
| 350 | 17.60 | 36.452 | 26.50 |
| 400 | 17.09 | 36.371 | 26.56 |
| 450 | 16.46 | 36.263 | 26.63 |
| 500 | 15.52 | 36.101 | 26.72 |
| 550 | 14.73 | 35.974 | 26.80 |
| 600 | 13.11 | 35.721 | 26.95 |
| 650 | 11.82 | 35.535 | 27.08 |
| 700 | 10.65 | 35.381 | 27.15 |
| 750 | 9.25 | 35.221 | 27.27 |
| 800 | 8.33 | 35.155 | 27.36 |
| 850 | 7.35 | 35.099 | 27.47 |
| 900 | 6.69 | 35.083 | 27.55 |
| 950 | 6.22 | 35.071 | 27.60 |
| 1000 | 5.86 | 35.064 | 27.64 |
| 1500 | 4.16 | 34.993 | 27.79 |
| 2000 | 3.88 | 34.988 | 27.81 |
| 2500 | 3.13 | 34.954 | 27.86 |
| 3000 | 2.69 | 34.928 | 27.88 |
| 3500 | 2.43 | 34.912 | 27.89 |
| 3512 | 2.42 | 34.911 | 27.89 |

RES-STACS23-86 CTD 69 RESEARCHER
Date 02 05 86 Latitude 26.557 N
Time 1807 Z Longitude 76.843 W



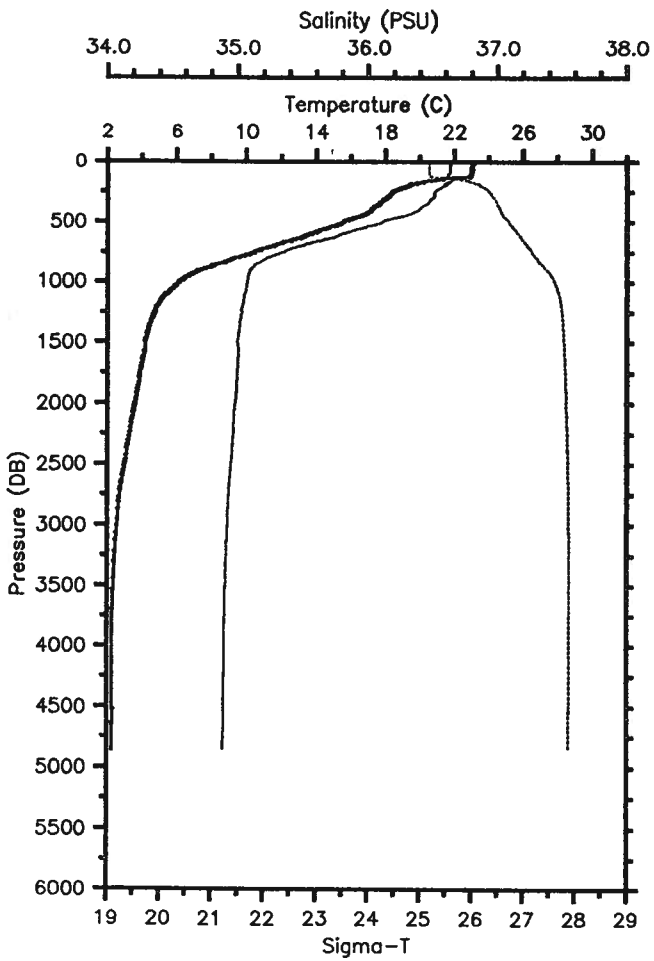

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.12 | 36.495 | 25.05 |
| 10 | 23.10 | 36.496 | 25.06 |
| 20 | 22.94 | 36.495 | 25.10 |
| 30 | 22.94 | 36.500 | 25.11 |
| 40 | 22.98 | 36.534 | 25.12 |
| 50 | 23.10 | 36.621 | 25.15 |
| 60 | 23.09 | 36.621 | 25.16 |
| 70 | 23.09 | 36.620 | 25.16 |
| 80 | 23.09 | 36.620 | 25.16 |
| 90 | 23.09 | 36.621 | 25.16 |
| 100 | 23.09 | 36.621 | 25.16 |
| 110 | 23.08 | 36.619 | 25.16 |
| 120 | 23.06 | 36.609 | 25.15 |
| 130 | 23.02 | 36.604 | 25.16 |
| 140 | 22.83 | 36.573 | 25.19 |
| 150 | 22.74 | 36.579 | 25.22 |
| 160 | 22.52 | 36.587 | 25.28 |
| 170 | 21.78 | 36.607 | 25.52 |
| 180 | 21.39 | 36.617 | 25.64 |
| 190 | 20.64 | 36.617 | 25.84 |
| 200 | 20.39 | 36.626 | 25.91 |
| 250 | 18.84 | 36.537 | 26.25 |
| 300 | 18.23 | 36.518 | 26.39 |
| 350 | 17.69 | 36.462 | 26.48 |
| 400 | 17.07 | 36.370 | 26.57 |
| 450 | 16.24 | 36.223 | 26.65 |
| 500 | 15.22 | 36.051 | 26.75 |
| 550 | 13.83 | 35.829 | 26.88 |
| 600 | 12.54 | 35.632 | 26.99 |
| 650 | 11.34 | 35.474 | 27.10 |
| 700 | 10.67 | 35.387 | 27.15 |
| 750 | 8.86 | 35.190 | 27.31 |
| 800 | 7.32 | 35.102 | 27.47 |
| 850 | 6.64 | 35.082 | 27.55 |
| 900 | 6.25 | 35.065 | 27.59 |
| 950 | 5.85 | 35.063 | 27.64 |
| 998 | 5.57 | 35.056 | 27.67 |

RES-STACS23-86 CTD 70 RESEARCHER
Date 02 05 86 Latitude 26.583 N
Time 2121 Z Longitude 76.637 W



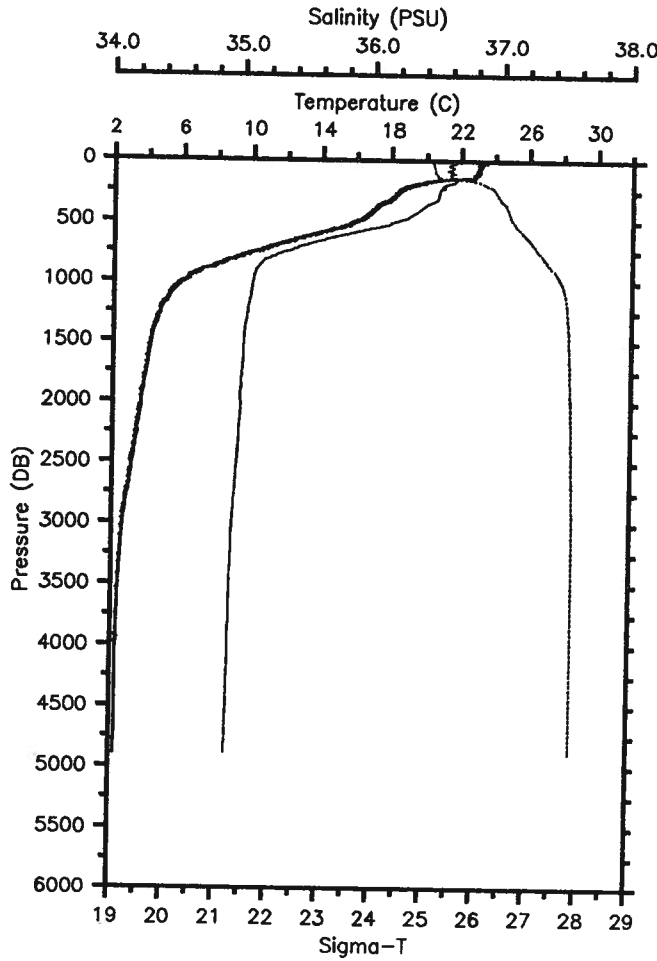

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.10 | 36.544 | 25.09 |
| 10 | 23.11 | 36.580 | 25.12 |
| 20 | 23.10 | 36.581 | 25.12 |
| 30 | 23.10 | 36.582 | 25.12 |
| 40 | 23.01 | 36.565 | 25.14 |
| 50 | 23.02 | 36.573 | 25.14 |
| 60 | 23.04 | 36.585 | 25.14 |
| 70 | 23.05 | 36.589 | 25.14 |
| 80 | 23.00 | 36.579 | 25.15 |
| 90 | 23.00 | 36.582 | 25.15 |
| 100 | 23.01 | 36.592 | 25.16 |
| 110 | 22.88 | 36.582 | 25.19 |
| 120 | 22.81 | 36.600 | 25.22 |
| 130 | 22.78 | 36.597 | 25.23 |
| 140 | 22.03 | 36.627 | 25.46 |
| 150 | 21.18 | 36.622 | 25.70 |
| 160 | 20.89 | 36.620 | 25.78 |
| 170 | 20.60 | 36.641 | 25.87 |
| 180 | 20.01 | 36.623 | 26.01 |
| 190 | 19.75 | 36.612 | 26.08 |
| 200 | 19.50 | 36.594 | 26.13 |
| 250 | 18.59 | 36.526 | 26.31 |
| 300 | 18.08 | 36.499 | 26.42 |
| 350 | 17.67 | 36.460 | 26.49 |
| 400 | 17.16 | 36.385 | 26.55 |
| 450 | 16.59 | 36.284 | 26.61 |
| 500 | 15.76 | 36.146 | 26.70 |
| 550 | 14.63 | 35.957 | 26.81 |
| 600 | 13.40 | 35.757 | 26.92 |
| 650 | 12.25 | 35.594 | 27.02 |
| 700 | 11.04 | 35.431 | 27.12 |
| 750 | 9.79 | 35.274 | 27.22 |
| 800 | 8.93 | 35.191 | 27.30 |
| 850 | 7.78 | 35.111 | 27.41 |
| 900 | 7.00 | 35.074 | 27.50 |
| 950 | 6.34 | 35.075 | 27.59 |
| 1000 | 5.75 | 35.065 | 27.66 |
| 1500 | 4.04 | 34.992 | 27.80 |
| 2000 | 3.77 | 34.984 | 27.82 |
| 2500 | 3.25 | 34.961 | 27.85 |
| 3000 | 2.72 | 34.931 | 27.88 |
| 3500 | 2.37 | 34.909 | 27.89 |
| 4000 | 2.29 | 34.900 | 27.89 |
| 4100 | 2.26 | 34.897 | 27.89 |

RES-STACS23-86 CTD 71 RESEARCHER
Date 02 06 86 Latitude 26.520 N
Time 1144 Z Longitude 76.377 W



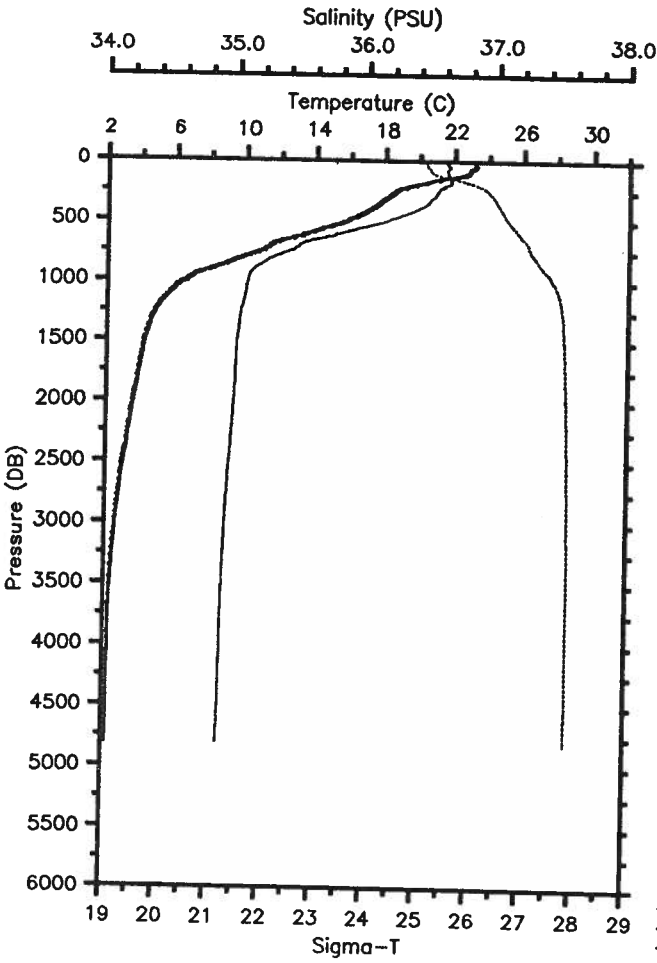

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.04 | 36.633 | 25.18 |
| 10 | 23.02 | 36.634 | 25.18 |
| 20 | 23.03 | 36.635 | 25.18 |
| 30 | 23.03 | 36.635 | 25.18 |
| 40 | 23.03 | 36.635 | 25.18 |
| 50 | 23.03 | 36.634 | 25.18 |
| 60 | 23.03 | 36.634 | 25.18 |
| 70 | 23.04 | 36.635 | 25.18 |
| 80 | 23.03 | 36.632 | 25.18 |
| 90 | 23.02 | 36.631 | 25.18 |
| 100 | 23.01 | 36.626 | 25.18 |
| 110 | 22.97 | 36.617 | 25.19 |
| 120 | 22.92 | 36.617 | 25.20 |
| 130 | 22.63 | 36.601 | 25.27 |
| 140 | 21.41 | 36.644 | 25.65 |
| 150 | 21.18 | 36.646 | 25.71 |
| 160 | 20.50 | 36.654 | 25.91 |
| 170 | 20.19 | 36.635 | 25.97 |
| 180 | 19.86 | 36.625 | 26.06 |
| 190 | 19.46 | 36.598 | 26.14 |
| 200 | 19.35 | 36.602 | 26.17 |
| 250 | 18.44 | 36.520 | 26.34 |
| 300 | 18.08 | 36.506 | 26.42 |
| 350 | 17.67 | 36.480 | 26.49 |
| 400 | 17.20 | 36.391 | 26.55 |
| 450 | 16.56 | 36.282 | 26.62 |
| 500 | 15.55 | 36.111 | 26.72 |
| 550 | 14.69 | 35.970 | 26.80 |
| 600 | 13.63 | 35.804 | 26.90 |
| 650 | 12.60 | 35.650 | 27.00 |
| 700 | 11.38 | 35.471 | 27.09 |
| 750 | 10.51 | 35.360 | 27.16 |
| 800 | 9.28 | 35.219 | 27.26 |
| 850 | 8.36 | 35.143 | 27.35 |
| 900 | 7.39 | 35.099 | 27.46 |
| 950 | 6.70 | 35.083 | 27.55 |
| 1000 | 6.16 | 35.073 | 27.61 |
| 1500 | 4.17 | 34.997 | 27.79 |
| 2000 | 3.62 | 34.982 | 27.83 |
| 2500 | 3.02 | 34.948 | 27.86 |
| 3000 | 2.56 | 34.923 | 27.88 |
| 3500 | 2.36 | 34.908 | 27.89 |
| 4000 | 2.30 | 34.900 | 27.89 |
| 4500 | 2.31 | 34.897 | 27.89 |
| 4854 | 2.30 | 34.890 | 27.88 |

RES-STACS23-86 CTD 72 RESEARCHER
Date 02 06 86 Latitude 26.543 N
Time 1700 Z Longitude 76.516 W




| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.42 | 36.628 | 25.06 |
| 10 | 23.41 | 36.626 | 25.07 |
| 20 | 23.26 | 36.630 | 25.11 |
| 30 | 23.15 | 36.606 | 25.13 |
| 40 | 23.03 | 36.571 | 25.13 |
| 50 | 23.04 | 36.590 | 25.15 |
| 60 | 23.08 | 36.604 | 25.14 |
| 70 | 23.06 | 36.597 | 25.15 |
| 80 | 22.99 | 36.571 | 25.15 |
| 90 | 23.00 | 36.590 | 25.16 |
| 100 | 22.99 | 36.584 | 25.16 |
| 110 | 22.93 | 36.599 | 25.18 |
| 120 | 22.82 | 36.583 | 25.21 |
| 130 | 22.79 | 36.582 | 25.21 |
| 140 | 22.66 | 36.631 | 25.29 |
| 150 | 21.53 | 36.609 | 25.59 |
| 160 | 20.67 | 36.635 | 25.85 |
| 170 | 20.17 | 36.620 | 25.97 |
| 180 | 19.91 | 36.619 | 26.04 |
| 190 | 19.56 | 36.589 | 26.11 |
| 200 | 19.24 | 36.542 | 26.16 |
| 250 | 18.44 | 36.502 | 26.33 |
| 300 | 18.14 | 36.491 | 26.40 |
| 350 | 17.49 | 36.433 | 26.51 |
| 400 | 16.99 | 36.357 | 26.58 |
| 450 | 16.59 | 36.293 | 26.62 |
| 500 | 15.96 | 36.183 | 26.68 |
| 550 | 15.11 | 36.039 | 26.77 |
| 600 | 13.84 | 35.834 | 26.88 |
| 650 | 12.51 | 35.635 | 27.00 |
| 700 | 11.41 | 35.476 | 27.09 |
| 750 | 10.40 | 35.349 | 27.17 |
| 800 | 9.18 | 35.213 | 27.27 |
| 850 | 8.28 | 35.136 | 27.36 |
| 900 | 7.28 | 35.089 | 27.47 |
| 950 | 6.49 | 35.078 | 27.57 |
| 1000 | 6.05 | 35.070 | 27.62 |
| 1500 | 4.18 | 35.003 | 27.79 |
| 2000 | 3.65 | 34.984 | 27.83 |
| 2500 | 3.12 | 34.955 | 27.86 |
| 3000 | 2.63 | 34.926 | 27.88 |
| 3500 | 2.42 | 34.912 | 27.89 |
| 4000 | 2.32 | 34.903 | 27.89 |
| 4500 | 2.31 | 34.896 | 27.88 |
| 4886 | 2.28 | 34.887 | 27.88 |

RES-STACS23-86 CTD 73 RESEARCHER
Date 02 07 86 Latitude 26.497 N
Time 0106 Z Longitude 76.145 W

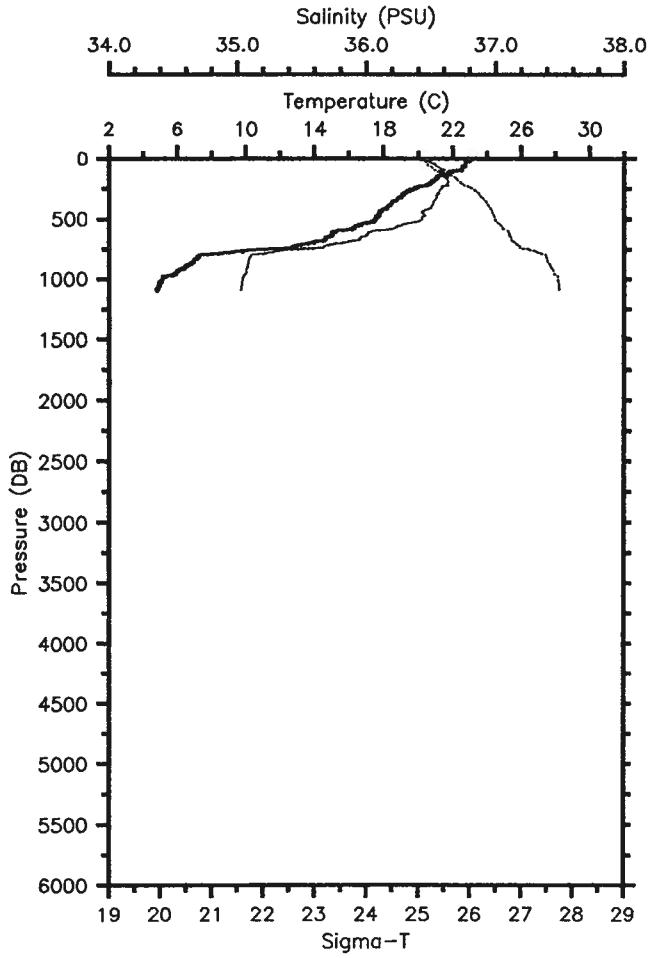



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.15 | 36.590 | 25.12 |
| 10 | 23.15 | 36.592 | 25.12 |
| 20 | 23.16 | 36.608 | 25.12 |
| 30 | 23.16 | 36.613 | 25.13 |
| 40 | 23.17 | 36.614 | 25.13 |
| 50 | 23.16 | 36.629 | 25.14 |
| 60 | 23.09 | 36.626 | 25.16 |
| 70 | 22.92 | 36.611 | 25.20 |
| 80 | 22.90 | 36.609 | 25.20 |
| 90 | 22.84 | 36.608 | 25.22 |
| 100 | 22.81 | 36.613 | 25.23 |
| 110 | 22.63 | 36.613 | 25.28 |
| 120 | 22.40 | 36.616 | 25.35 |
| 130 | 22.08 | 36.633 | 25.45 |
| 140 | 21.84 | 36.623 | 25.57 |
| 150 | 21.16 | 36.642 | 25.72 |
| 160 | 20.90 | 36.627 | 25.78 |
| 170 | 20.64 | 36.643 | 25.86 |
| 180 | 20.40 | 36.631 | 25.92 |
| 190 | 20.00 | 36.637 | 26.03 |
| 200 | 19.80 | 36.618 | 26.07 |
| 250 | 18.81 | 36.540 | 26.32 |
| 300 | 18.14 | 36.512 | 26.41 |
| 350 | 17.70 | 36.460 | 26.48 |
| 400 | 17.18 | 36.387 | 26.55 |
| 450 | 16.55 | 36.279 | 26.62 |
| 500 | 15.79 | 36.152 | 26.70 |
| 550 | 14.84 | 35.993 | 26.79 |
| 600 | 13.73 | 35.816 | 26.89 |
| 650 | 12.62 | 35.649 | 26.99 |
| 700 | 11.47 | 35.485 | 27.08 |
| 750 | 11.02 | 35.426 | 27.12 |
| 800 | 9.90 | 35.287 | 27.21 |
| 850 | 9.04 | 35.202 | 27.29 |
| 900 | 8.10 | 35.133 | 27.38 |
| 950 | 7.07 | 35.092 | 27.50 |
| 1000 | 6.59 | 35.080 | 27.56 |
| 1500 | 4.20 | 35.003 | 27.79 |
| 2000 | 3.57 | 34.982 | 27.84 |
| 2500 | 3.03 | 34.951 | 27.86 |
| 3000 | 2.62 | 34.925 | 27.88 |
| 3500 | 2.36 | 34.908 | 27.89 |
| 4000 | 2.28 | 34.899 | 27.89 |
| 4500 | 2.26 | 34.893 | 27.89 |
| 4808 | 2.23 | 34.883 | 27.88 |

RES-STACS24-86 CTD 1 RESEARCHER

Date 03 28 86 Latitude 26.546 N

Time 1808 Z Longitude 76.846 W

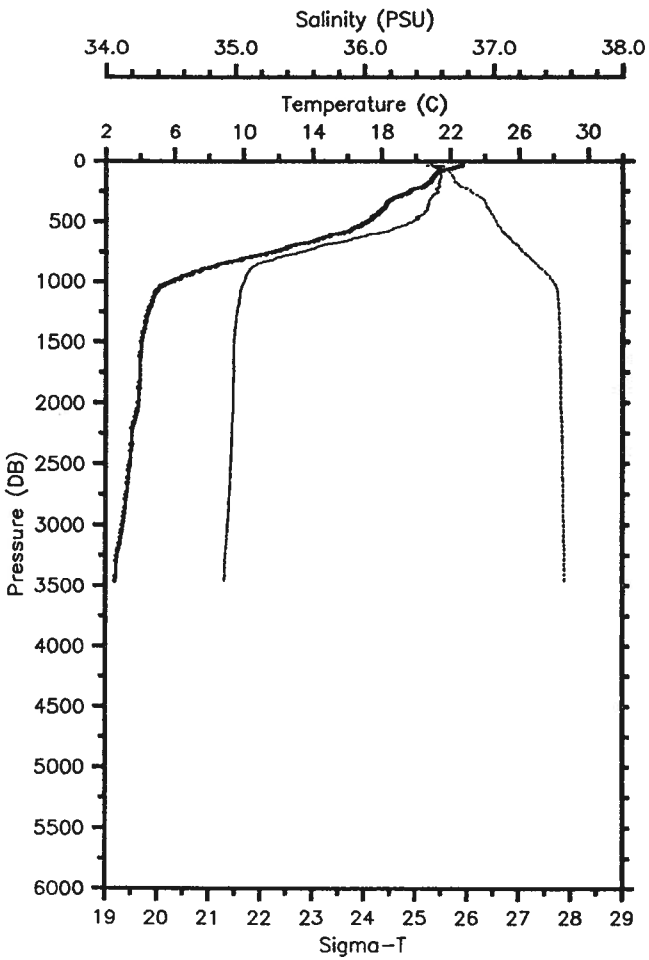



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.05 | 36.347 | 24.96 |
| 10 | 23.03 | 36.446 | 25.04 |
| 20 | 22.95 | 36.461 | 25.08 |
| 30 | 22.78 | 36.495 | 25.15 |
| 40 | 22.78 | 36.514 | 25.17 |
| 50 | 22.77 | 36.537 | 25.18 |
| 60 | 22.68 | 36.533 | 25.21 |
| 70 | 22.56 | 36.559 | 25.26 |
| 80 | 22.55 | 36.567 | 25.27 |
| 90 | 22.55 | 36.587 | 25.28 |
| 100 | 22.25 | 36.587 | 25.37 |
| 110 | 21.74 | 36.548 | 25.48 |
| 120 | 21.76 | 36.586 | 25.51 |
| 130 | 21.69 | 36.579 | 25.52 |
| 140 | 21.39 | 36.554 | 25.59 |
| 150 | 21.17 | 36.623 | 25.70 |
| 160 | 21.09 | 36.632 | 25.73 |
| 170 | 21.02 | 36.619 | 25.74 |
| 180 | 20.95 | 36.629 | 25.77 |
| 190 | 20.83 | 36.634 | 25.80 |
| 200 | 20.75 | 36.630 | 25.82 |
| 250 | 19.78 | 36.584 | 26.05 |
| 300 | 19.10 | 36.546 | 26.19 |
| 350 | 18.62 | 36.525 | 26.30 |
| 400 | 18.25 | 36.503 | 26.38 |
| 450 | 17.78 | 36.435 | 26.44 |
| 500 | 17.57 | 36.430 | 26.49 |
| 550 | 16.61 | 36.275 | 26.60 |
| 600 | 15.26 | 36.071 | 26.76 |
| 650 | 14.74 | 35.967 | 26.79 |
| 700 | 13.79 | 35.822 | 26.88 |
| 750 | 11.04 | 35.474 | 27.16 |
| 800 | 7.32 | 35.109 | 27.48 |
| 850 | 6.98 | 35.092 | 27.51 |
| 900 | 6.48 | 35.082 | 27.58 |
| 950 | 5.96 | 35.071 | 27.63 |
| 1000 | 5.11 | 35.044 | 27.72 |
| 1092 | 4.80 | 35.029 | 27.74 |

RES-STACS24-86 CTD 2 RESEARCHER

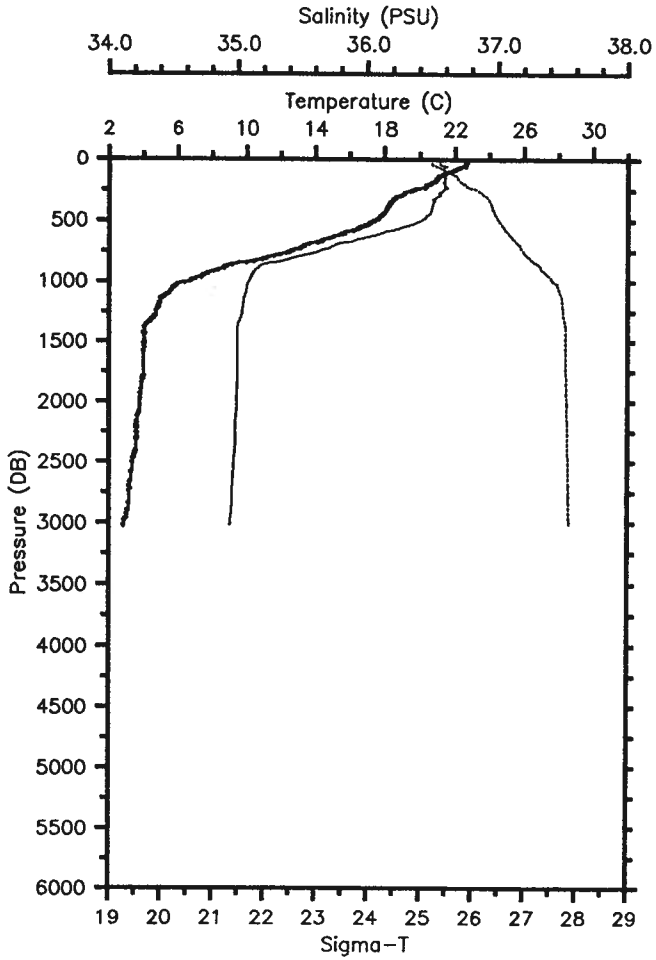
Date 03 29 86 Latitude 26.517 N

Time 0346 Z Longitude 76.768 W



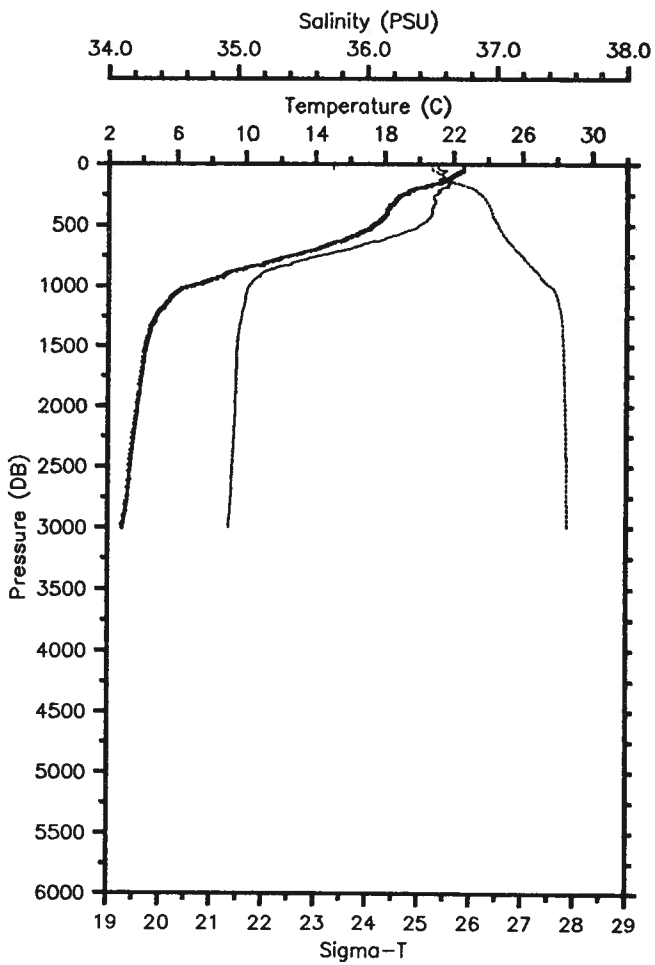

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 22.71 | 36.518 | 25.19 |
| 10 | 22.73 | 36.516 | 25.18 |
| 20 | 22.73 | 36.516 | 25.18 |
| 30 | 22.72 | 36.522 | 25.19 |
| 40 | 22.55 | 36.618 | 25.31 |
| 50 | 22.30 | 36.591 | 25.36 |
| 60 | 22.04 | 36.567 | 25.42 |
| 70 | 21.64 | 36.576 | 25.53 |
| 80 | 21.35 | 36.586 | 25.62 |
| 90 | 21.29 | 36.592 | 25.64 |
| 100 | 21.21 | 36.594 | 25.67 |
| 110 | 21.16 | 36.592 | 25.68 |
| 120 | 21.07 | 36.595 | 25.71 |
| 130 | 21.03 | 36.596 | 25.72 |
| 140 | 20.98 | 36.593 | 25.73 |
| 150 | 20.95 | 36.587 | 25.73 |
| 160 | 20.94 | 36.585 | 25.74 |
| 170 | 20.91 | 36.590 | 25.75 |
| 180 | 20.72 | 36.579 | 25.79 |
| 190 | 20.63 | 36.579 | 25.81 |
| 200 | 20.56 | 36.578 | 25.83 |
| 250 | 19.70 | 36.574 | 26.06 |
| 300 | 18.78 | 36.519 | 26.26 |
| 350 | 18.33 | 36.503 | 26.36 |
| 400 | 18.06 | 36.490 | 26.42 |
| 450 | 17.58 | 36.435 | 26.49 |
| 500 | 17.15 | 36.374 | 26.55 |
| 550 | 16.41 | 36.247 | 26.63 |
| 600 | 15.52 | 36.103 | 26.72 |
| 650 | 14.32 | 35.903 | 26.83 |
| 700 | 12.74 | 35.666 | 26.98 |
| 750 | 11.64 | 35.514 | 27.08 |
| 800 | 10.05 | 35.318 | 27.21 |
| 850 | 8.59 | 35.172 | 27.34 |
| 900 | 7.58 | 35.116 | 27.45 |
| 950 | 6.53 | 35.085 | 27.57 |
| 1000 | 5.77 | 35.071 | 27.66 |
| 1500 | 4.09 | 34.993 | 27.79 |
| 2000 | 3.89 | 34.987 | 27.81 |
| 2500 | 3.41 | 34.970 | 27.84 |
| 3000 | 3.00 | 34.945 | 27.86 |
| 3458 | 2.54 | 34.919 | 27.88 |

RES-STACS24-86 CTD 3 RESEARCHER
Date 03 29 86 Latitude 26.601 N
Time 0811 Z Longitude 76.671 W



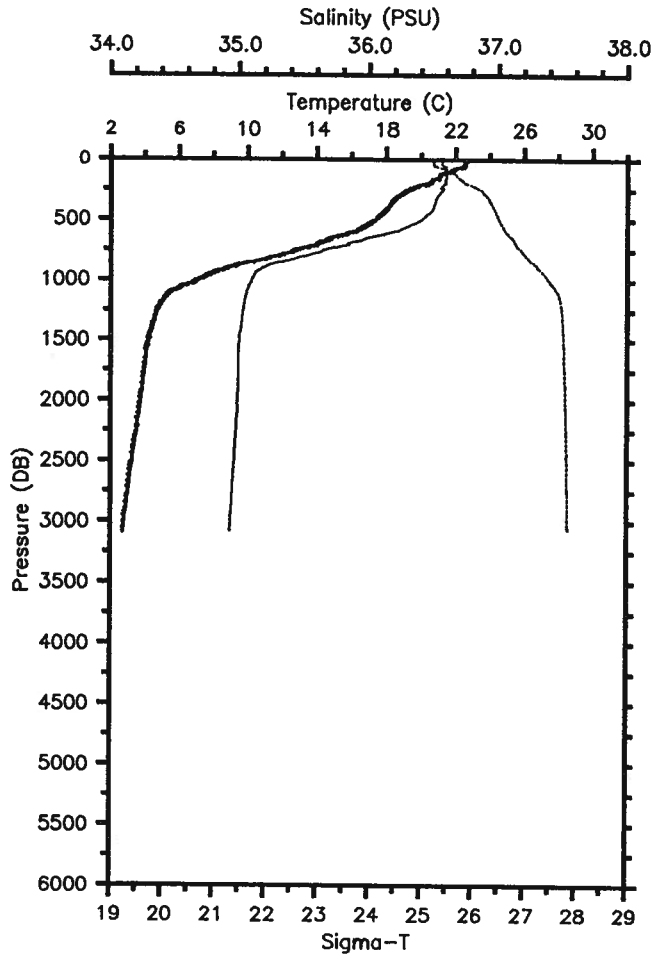

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 22.69 | 36.549 | 25.22 |
| 10 | 22.65 | 36.553 | 25.23 |
| 20 | 22.65 | 36.553 | 25.23 |
| 30 | 22.65 | 36.553 | 25.23 |
| 40 | 22.65 | 36.553 | 25.23 |
| 50 | 22.64 | 36.569 | 25.25 |
| 60 | 22.42 | 36.609 | 25.34 |
| 70 | 22.18 | 36.584 | 25.39 |
| 80 | 22.05 | 36.579 | 25.42 |
| 90 | 21.94 | 36.585 | 25.46 |
| 100 | 21.72 | 36.590 | 25.52 |
| 110 | 21.45 | 36.595 | 25.60 |
| 120 | 21.36 | 36.593 | 25.63 |
| 130 | 21.18 | 36.596 | 25.68 |
| 140 | 21.07 | 36.596 | 25.71 |
| 150 | 21.03 | 36.597 | 25.72 |
| 160 | 20.96 | 36.591 | 25.73 |
| 170 | 20.93 | 36.591 | 25.74 |
| 180 | 20.85 | 36.589 | 25.76 |
| 190 | 20.67 | 36.588 | 25.81 |
| 200 | 20.54 | 36.587 | 25.84 |
| 250 | 19.59 | 36.577 | 26.09 |
| 300 | 18.78 | 36.540 | 26.27 |
| 350 | 18.33 | 36.504 | 26.36 |
| 400 | 18.11 | 36.489 | 26.40 |
| 450 | 17.87 | 36.469 | 26.45 |
| 500 | 17.40 | 36.408 | 26.52 |
| 550 | 16.58 | 36.277 | 26.61 |
| 600 | 15.72 | 36.123 | 26.69 |
| 650 | 14.68 | 35.951 | 26.79 |
| 700 | 13.39 | 35.750 | 26.91 |
| 750 | 12.59 | 35.632 | 26.98 |
| 800 | 11.28 | 35.453 | 27.09 |
| 850 | 9.51 | 35.239 | 27.24 |
| 900 | 8.40 | 35.139 | 27.34 |
| 950 | 7.39 | 35.107 | 27.47 |
| 1000 | 6.62 | 35.087 | 27.56 |
| 1500 | 4.03 | 34.995 | 27.80 |
| 2000 | 3.81 | 34.988 | 27.82 |
| 2500 | 3.38 | 34.968 | 27.85 |
| 3000 | 2.89 | 34.939 | 27.87 |
| 3018 | 2.86 | 34.938 | 27.87 |

RES-STACS24-86 CTD 4 RESEARCHER
Date 03 29 86 Latitude 26.534 N
Time 1218 Z Longitude 76.568 W



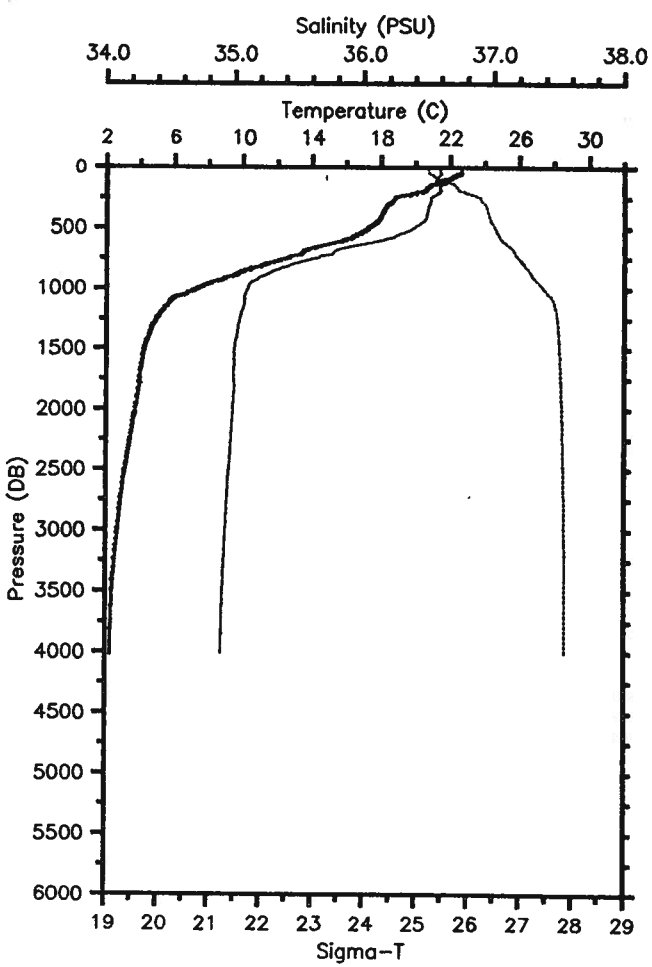

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 22.58 | 36.547 | 25.25 |
| 10 | 22.58 | 36.547 | 25.25 |
| 20 | 22.58 | 36.546 | 25.25 |
| 30 | 22.58 | 36.546 | 25.25 |
| 40 | 22.58 | 36.552 | 25.25 |
| 50 | 22.57 | 36.567 | 25.26 |
| 60 | 22.45 | 36.609 | 25.33 |
| 70 | 22.35 | 36.600 | 25.35 |
| 80 | 22.19 | 36.579 | 25.38 |
| 90 | 22.04 | 36.584 | 25.43 |
| 100 | 21.95 | 36.590 | 25.46 |
| 110 | 21.81 | 36.587 | 25.49 |
| 120 | 21.60 | 36.564 | 25.54 |
| 130 | 21.50 | 36.552 | 25.56 |
| 140 | 21.42 | 36.611 | 25.62 |
| 150 | 21.29 | 36.631 | 25.67 |
| 160 | 21.00 | 36.631 | 25.75 |
| 170 | 20.68 | 36.625 | 25.83 |
| 180 | 20.46 | 36.626 | 25.90 |
| 190 | 20.19 | 36.624 | 25.97 |
| 200 | 19.77 | 36.575 | 26.04 |
| 250 | 19.05 | 36.528 | 26.19 |
| 300 | 18.62 | 36.523 | 26.30 |
| 350 | 18.32 | 36.512 | 26.37 |
| 400 | 18.12 | 36.502 | 26.41 |
| 450 | 17.83 | 36.470 | 26.46 |
| 500 | 17.34 | 36.404 | 26.53 |
| 550 | 16.74 | 36.304 | 26.59 |
| 600 | 15.93 | 36.165 | 26.68 |
| 650 | 14.91 | 35.996 | 26.78 |
| 700 | 14.02 | 35.856 | 26.86 |
| 750 | 12.63 | 35.643 | 26.98 |
| 800 | 11.34 | 35.458 | 27.09 |
| 850 | 9.98 | 35.296 | 27.20 |
| 900 | 8.82 | 35.184 | 27.31 |
| 950 | 7.93 | 35.129 | 27.41 |
| 1000 | 6.86 | 35.092 | 27.53 |
| 1500 | 4.20 | 35.000 | 27.79 |
| 2000 | 3.71 | 34.986 | 27.83 |
| 2500 | 3.28 | 34.964 | 27.85 |
| 3000 | 2.83 | 34.938 | 27.87 |

RES-STACS24-86 CTD 5 RESEARCHER
Date 03 29 86 Latitude 26.506 N
Time 1618 Z Longitude 76.434 W



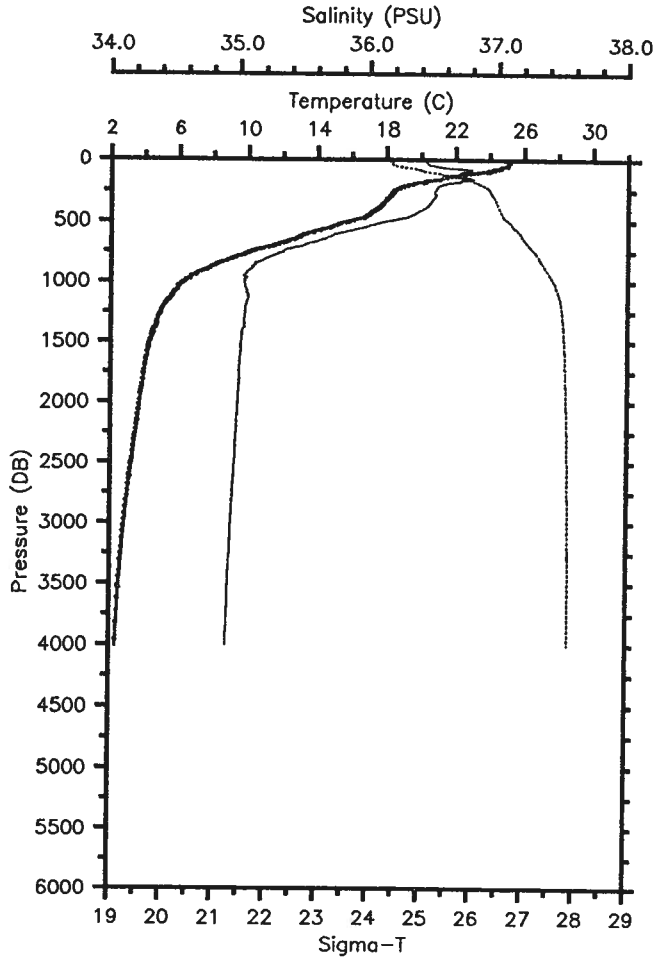

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 22.61 | 36.564 | 25.23 |
| 10 | 22.61 | 36.561 | 25.23 |
| 20 | 22.60 | 36.562 | 25.24 |
| 30 | 22.58 | 36.561 | 25.24 |
| 40 | 22.57 | 36.562 | 25.24 |
| 50 | 22.56 | 36.567 | 25.25 |
| 60 | 22.48 | 36.589 | 25.29 |
| 70 | 22.15 | 36.584 | 25.38 |
| 80 | 21.92 | 36.599 | 25.46 |
| 90 | 21.82 | 36.591 | 25.48 |
| 100 | 21.67 | 36.583 | 25.52 |
| 110 | 21.39 | 36.571 | 25.58 |
| 120 | 21.19 | 36.594 | 25.66 |
| 130 | 21.11 | 36.597 | 25.68 |
| 140 | 21.07 | 36.596 | 25.69 |
| 150 | 21.06 | 36.596 | 25.70 |
| 160 | 20.86 | 36.591 | 25.74 |
| 170 | 20.68 | 36.588 | 25.79 |
| 180 | 20.62 | 36.591 | 25.81 |
| 190 | 20.54 | 36.590 | 25.83 |
| 200 | 20.41 | 36.589 | 25.87 |
| 250 | 19.29 | 36.567 | 26.15 |
| 300 | 18.74 | 36.528 | 26.26 |
| 350 | 18.36 | 36.510 | 26.34 |
| 400 | 18.09 | 36.495 | 26.40 |
| 450 | 17.73 | 36.460 | 26.46 |
| 500 | 17.34 | 36.403 | 26.51 |
| 550 | 16.77 | 36.311 | 26.58 |
| 600 | 16.08 | 36.192 | 26.65 |
| 650 | 14.84 | 35.989 | 26.77 |
| 700 | 13.95 | 35.827 | 26.84 |
| 750 | 12.83 | 35.665 | 26.94 |
| 800 | 11.88 | 35.533 | 27.03 |
| 850 | 10.50 | 35.358 | 27.14 |
| 900 | 8.96 | 35.196 | 27.28 |
| 950 | 7.85 | 35.124 | 27.39 |
| 1000 | 7.07 | 35.097 | 27.49 |
| 1500 | 4.23 | 35.002 | 27.76 |
| 2000 | 3.76 | 34.986 | 27.80 |
| 2500 | 3.27 | 34.963 | 27.83 |
| 3000 | 2.80 | 34.936 | 27.85 |
| 3078 | 2.73 | 34.933 | 27.86 |

RES-STACS24-86 CTD 6 RESEARCHER
Date 03 30 86 Latitude 26.505 N
Time 0415 Z Longitude 75.933 W



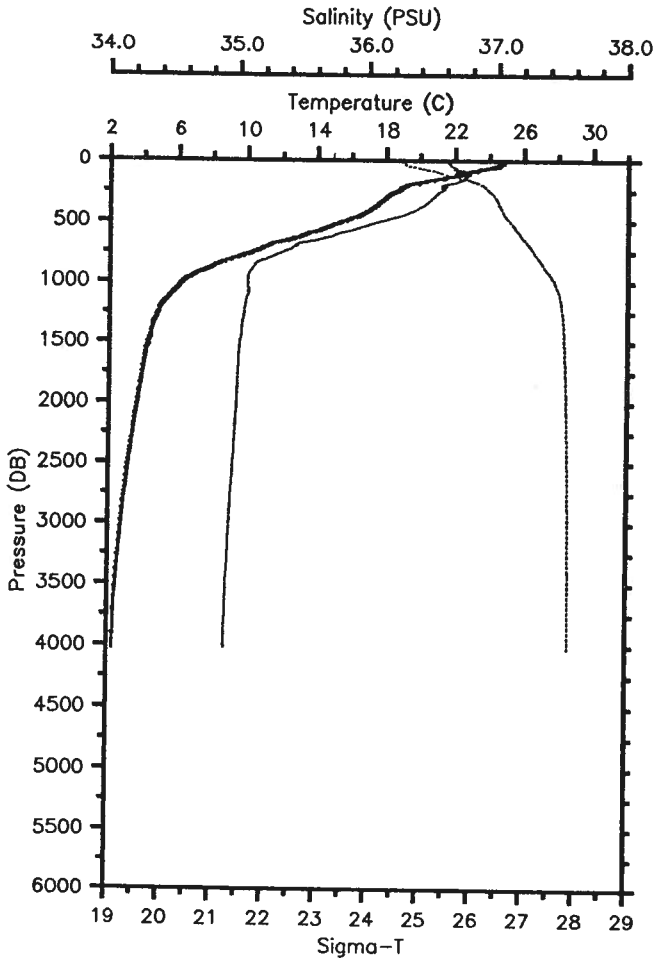

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 22.65 | 36.586 | 25.24 |
| 10 | 22.65 | 36.586 | 25.24 |
| 20 | 22.65 | 36.586 | 25.24 |
| 30 | 22.65 | 36.587 | 25.24 |
| 40 | 22.65 | 36.590 | 25.24 |
| 50 | 22.59 | 36.596 | 25.27 |
| 60 | 22.39 | 36.592 | 25.32 |
| 70 | 22.28 | 36.582 | 25.34 |
| 80 | 22.15 | 36.571 | 25.37 |
| 90 | 21.99 | 36.560 | 25.41 |
| 100 | 21.69 | 36.563 | 25.49 |
| 110 | 21.49 | 36.567 | 25.55 |
| 120 | 21.29 | 36.578 | 25.62 |
| 130 | 21.21 | 36.619 | 25.67 |
| 140 | 20.92 | 36.606 | 25.74 |
| 150 | 20.79 | 36.589 | 25.76 |
| 160 | 20.76 | 36.591 | 25.77 |
| 170 | 20.66 | 36.587 | 25.80 |
| 180 | 20.60 | 36.593 | 25.82 |
| 190 | 20.51 | 36.594 | 25.84 |
| 200 | 20.38 | 36.583 | 25.88 |
| 250 | 18.80 | 36.517 | 26.24 |
| 300 | 18.42 | 36.507 | 26.32 |
| 350 | 18.20 | 36.494 | 26.37 |
| 400 | 18.01 | 36.482 | 26.41 |
| 450 | 17.79 | 36.460 | 26.44 |
| 500 | 17.29 | 36.387 | 26.51 |
| 550 | 16.63 | 36.277 | 26.58 |
| 600 | 15.86 | 36.147 | 26.66 |
| 650 | 14.47 | 35.915 | 26.79 |
| 700 | 13.47 | 35.769 | 26.89 |
| 750 | 12.61 | 35.643 | 26.97 |
| 800 | 11.33 | 35.459 | 27.07 |
| 850 | 10.15 | 35.318 | 27.18 |
| 900 | 9.28 | 35.215 | 27.24 |
| 950 | 8.17 | 35.124 | 27.35 |
| 1000 | 7.32 | 35.101 | 27.45 |
| 1500 | 4.24 | 34.997 | 27.76 |
| 2000 | 3.71 | 34.985 | 27.80 |
| 2500 | 3.13 | 34.958 | 27.84 |
| 3000 | 2.70 | 34.931 | 27.86 |
| 3500 | 2.38 | 34.910 | 27.87 |
| 4000 | 2.29 | 34.900 | 27.87 |
| 4008 | 2.29 | 34.900 | 27.87 |

RES-STACS24-86 CTD 7 RESEARCHER
Date 03 31 86 Latitude 24.289 N
Time 0316 Z Longitude 72.029 W



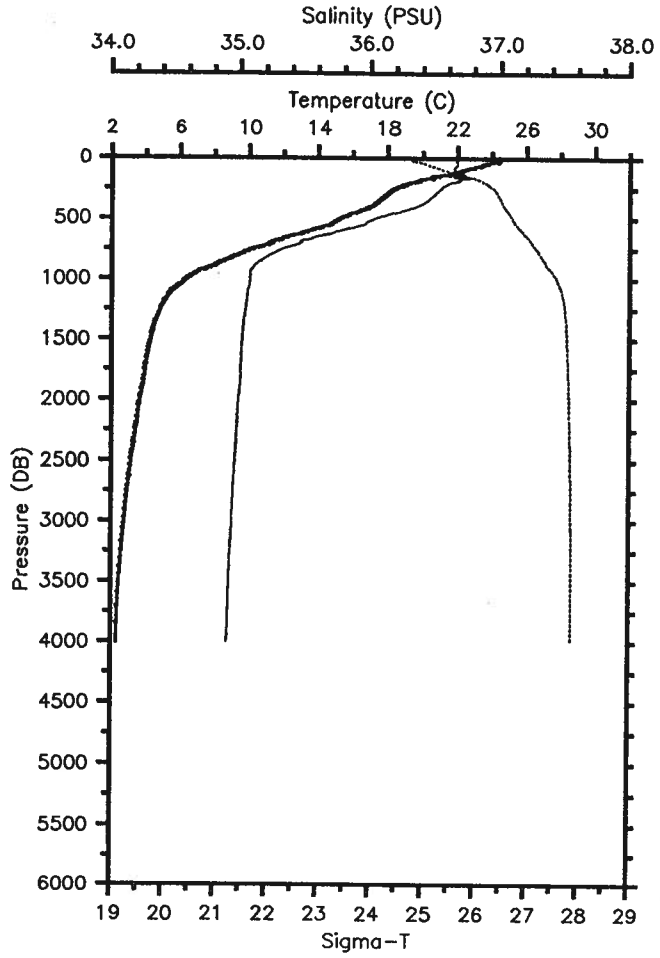

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.17 | 36.407 | 24.37 |
| 10 | 25.16 | 36.425 | 24.39 |
| 20 | 25.13 | 36.437 | 24.41 |
| 30 | 25.08 | 36.448 | 24.43 |
| 40 | 25.05 | 36.459 | 24.45 |
| 50 | 24.96 | 36.489 | 24.50 |
| 60 | 24.65 | 36.546 | 24.64 |
| 70 | 24.47 | 36.633 | 24.76 |
| 80 | 24.22 | 36.792 | 24.95 |
| 90 | 23.97 | 36.782 | 25.02 |
| 100 | 23.37 | 36.709 | 25.14 |
| 110 | 22.89 | 36.715 | 25.28 |
| 120 | 22.43 | 36.745 | 25.44 |
| 130 | 21.75 | 36.650 | 25.56 |
| 140 | 21.29 | 36.635 | 25.68 |
| 150 | 21.32 | 36.776 | 25.78 |
| 160 | 21.09 | 36.809 | 25.86 |
| 170 | 20.38 | 36.721 | 25.99 |
| 180 | 20.21 | 36.706 | 26.02 |
| 190 | 19.68 | 36.623 | 26.10 |
| 200 | 19.32 | 36.577 | 26.16 |
| 250 | 18.49 | 36.511 | 26.32 |
| 300 | 18.16 | 36.508 | 26.40 |
| 350 | 17.84 | 36.477 | 26.46 |
| 400 | 17.41 | 36.419 | 26.52 |
| 450 | 16.89 | 36.333 | 26.58 |
| 500 | 15.82 | 36.150 | 26.69 |
| 550 | 14.75 | 35.972 | 26.79 |
| 600 | 13.46 | 35.771 | 26.91 |
| 650 | 12.65 | 35.654 | 26.99 |
| 700 | 11.55 | 35.500 | 27.08 |
| 750 | 10.20 | 35.338 | 27.20 |
| 800 | 9.20 | 35.230 | 27.29 |
| 850 | 8.22 | 35.119 | 27.35 |
| 900 | 7.55 | 35.085 | 27.43 |
| 950 | 6.74 | 35.030 | 27.50 |
| 1000 | 6.28 | 35.040 | 27.57 |
| 1500 | 4.30 | 35.009 | 27.78 |
| 2000 | 3.72 | 34.986 | 27.83 |
| 2500 | 3.26 | 34.965 | 27.85 |
| 3000 | 2.85 | 34.939 | 27.87 |
| 3500 | 2.56 | 34.920 | 27.88 |
| 4000 | 2.39 | 34.907 | 27.89 |

RES-STACS24-86 CTD 8 RESEARCHER
Date 03 31 86 Latitude 23.946 N
Time 0711 Z Longitude 72.202 W



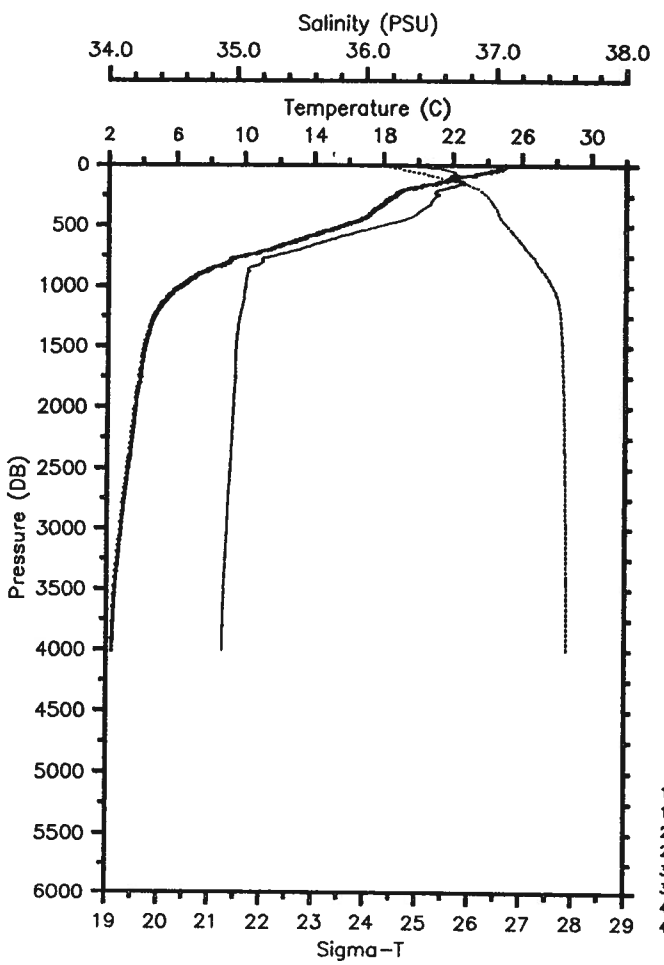

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 24.81 | 36.612 | 24.64 |
| 10 | 24.81 | 36.610 | 24.64 |
| 20 | 24.80 | 36.610 | 24.64 |
| 30 | 24.65 | 36.625 | 24.70 |
| 40 | 24.57 | 36.628 | 24.72 |
| 50 | 24.32 | 36.645 | 24.81 |
| 60 | 23.94 | 36.669 | 24.94 |
| 70 | 23.57 | 36.675 | 25.06 |
| 80 | 23.32 | 36.709 | 25.16 |
| 90 | 22.89 | 36.718 | 25.29 |
| 100 | 22.45 | 36.674 | 25.38 |
| 110 | 22.37 | 36.711 | 25.43 |
| 120 | 22.25 | 36.779 | 25.52 |
| 130 | 21.88 | 36.761 | 25.61 |
| 140 | 21.42 | 36.750 | 25.73 |
| 150 | 21.06 | 36.755 | 25.83 |
| 160 | 20.60 | 36.732 | 25.94 |
| 170 | 20.31 | 36.706 | 26.00 |
| 180 | 19.94 | 36.677 | 26.07 |
| 190 | 19.60 | 36.643 | 26.14 |
| 200 | 19.25 | 36.581 | 26.18 |
| 250 | 18.64 | 36.562 | 26.32 |
| 300 | 18.01 | 36.502 | 26.44 |
| 350 | 17.58 | 36.448 | 26.50 |
| 400 | 17.10 | 36.373 | 26.56 |
| 450 | 16.46 | 36.261 | 26.63 |
| 500 | 15.43 | 36.086 | 26.73 |
| 550 | 14.52 | 35.938 | 26.82 |
| 600 | 13.48 | 35.773 | 26.91 |
| 650 | 12.45 | 35.623 | 27.00 |
| 700 | 11.20 | 35.443 | 27.10 |
| 750 | 10.29 | 35.343 | 27.19 |
| 800 | 9.27 | 35.231 | 27.27 |
| 850 | 8.28 | 35.128 | 27.35 |
| 900 | 7.58 | 35.095 | 27.43 |
| 950 | 6.79 | 35.070 | 27.52 |
| 1000 | 6.26 | 35.064 | 27.59 |
| 1500 | 4.26 | 35.007 | 27.79 |
| 2000 | 3.66 | 34.985 | 27.83 |
| 2500 | 3.15 | 34.958 | 27.86 |
| 3000 | 2.77 | 34.934 | 27.88 |
| 3500 | 2.46 | 34.915 | 27.89 |
| 4000 | 2.33 | 34.903 | 27.89 |
| 4020 | 2.33 | 34.903 | 27.89 |

RES-STACS24-86 CTD 9 RESEARCHER
Date 03 31 86 Latitude 23.665 N
Time 1145 Z Longitude 72.262 W



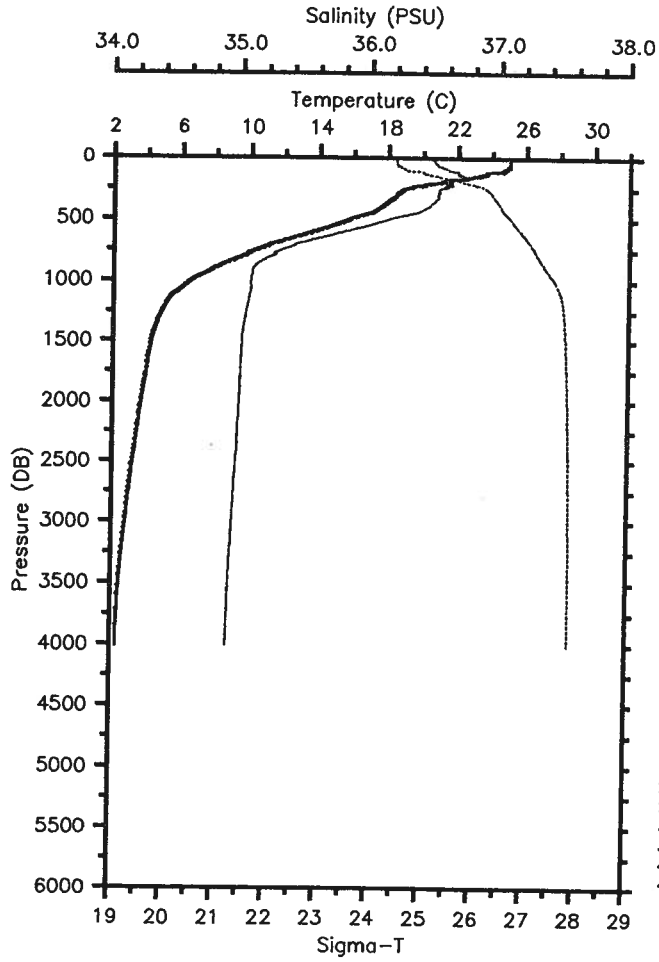

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 24.42 | 36.668 | 24.80 |
| 10 | 24.39 | 36.663 | 24.80 |
| 20 | 24.38 | 36.668 | 24.81 |
| 30 | 24.38 | 36.659 | 24.80 |
| 40 | 23.75 | 36.668 | 25.00 |
| 50 | 23.55 | 36.670 | 25.06 |
| 60 | 23.35 | 36.665 | 25.11 |
| 70 | 23.05 | 36.654 | 25.19 |
| 80 | 22.81 | 36.642 | 25.25 |
| 90 | 22.57 | 36.647 | 25.33 |
| 100 | 22.32 | 36.649 | 25.40 |
| 110 | 22.12 | 36.686 | 25.48 |
| 120 | 21.82 | 36.666 | 25.55 |
| 130 | 21.60 | 36.651 | 25.60 |
| 140 | 21.35 | 36.705 | 25.71 |
| 150 | 20.65 | 36.653 | 25.87 |
| 160 | 20.62 | 36.730 | 25.93 |
| 170 | 20.25 | 36.714 | 26.02 |
| 180 | 19.90 | 36.688 | 26.09 |
| 190 | 19.71 | 36.679 | 26.14 |
| 200 | 19.35 | 36.626 | 26.19 |
| 250 | 18.43 | 36.548 | 26.37 |
| 300 | 17.96 | 36.494 | 26.44 |
| 350 | 17.51 | 36.437 | 26.51 |
| 400 | 17.00 | 36.354 | 26.57 |
| 450 | 16.17 | 36.212 | 26.66 |
| 500 | 15.27 | 36.041 | 26.73 |
| 550 | 14.71 | 35.960 | 26.79 |
| 600 | 13.57 | 35.792 | 26.91 |
| 650 | 12.32 | 35.604 | 27.01 |
| 700 | 11.32 | 35.469 | 27.10 |
| 750 | 10.24 | 35.332 | 27.19 |
| 800 | 9.38 | 35.236 | 27.26 |
| 850 | 8.55 | 35.160 | 27.34 |
| 900 | 7.76 | 35.103 | 27.41 |
| 950 | 6.89 | 35.072 | 27.51 |
| 1000 | 6.36 | 35.073 | 27.58 |
| 1500 | 4.30 | 35.013 | 27.79 |
| 2000 | 3.64 | 34.983 | 27.83 |
| 2500 | 3.14 | 34.958 | 27.86 |
| 3000 | 2.77 | 34.935 | 27.88 |
| 3500 | 2.48 | 34.916 | 27.89 |
| 4000 | 2.34 | 34.904 | 27.89 |

RES-STACS24-86 CTD 10 RESEARCHER
Date 03 31 86 Latitude 23.337 N
Time 1505 Z Longitude 72.378 W



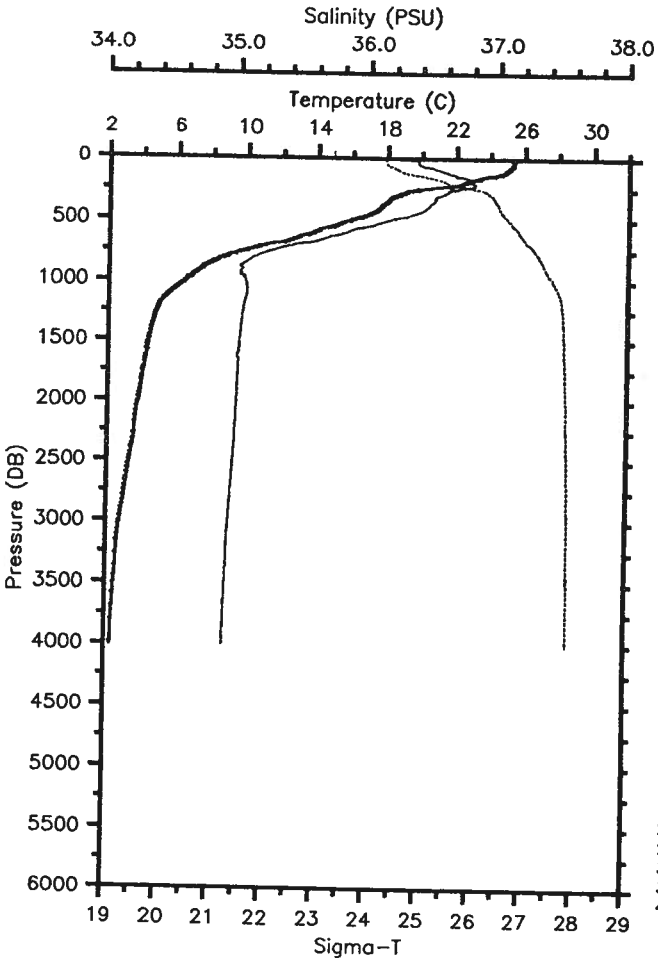

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 24.89 | 36.125 | 24.25 |
| 10 | 25.01 | 36.261 | 24.31 |
| 20 | 24.93 | 36.459 | 24.48 |
| 30 | 24.68 | 36.558 | 24.63 |
| 40 | 24.52 | 36.613 | 24.73 |
| 50 | 24.17 | 36.663 | 24.87 |
| 60 | 23.89 | 36.686 | 24.97 |
| 70 | 23.48 | 36.684 | 25.09 |
| 80 | 23.27 | 36.705 | 25.17 |
| 90 | 22.75 | 36.642 | 25.27 |
| 100 | 22.36 | 36.646 | 25.39 |
| 110 | 22.09 | 36.633 | 25.45 |
| 120 | 21.83 | 36.665 | 25.55 |
| 130 | 21.67 | 36.752 | 25.66 |
| 140 | 21.28 | 36.744 | 25.76 |
| 150 | 21.06 | 36.768 | 25.84 |
| 160 | 20.63 | 36.719 | 25.92 |
| 170 | 20.26 | 36.693 | 26.00 |
| 180 | 19.94 | 36.639 | 26.05 |
| 190 | 19.64 | 36.617 | 26.11 |
| 200 | 19.26 | 36.584 | 26.18 |
| 250 | 18.70 | 36.562 | 26.31 |
| 300 | 18.14 | 36.503 | 26.40 |
| 350 | 17.64 | 36.454 | 26.49 |
| 400 | 17.22 | 36.389 | 26.55 |
| 450 | 16.72 | 36.302 | 26.60 |
| 500 | 15.70 | 36.135 | 26.71 |
| 550 | 14.60 | 35.948 | 26.81 |
| 600 | 13.52 | 35.782 | 26.91 |
| 650 | 12.46 | 35.625 | 27.00 |
| 700 | 11.45 | 35.487 | 27.09 |
| 750 | 10.02 | 35.306 | 27.21 |
| 800 | 9.12 | 35.209 | 27.28 |
| 850 | 8.11 | 35.102 | 27.36 |
| 900 | 7.33 | 35.084 | 27.46 |
| 950 | 6.77 | 35.075 | 27.53 |
| 1000 | 6.29 | 35.072 | 27.59 |
| 1500 | 4.16 | 35.001 | 27.79 |
| 2000 | 3.64 | 34.984 | 27.83 |
| 2500 | 3.21 | 34.961 | 27.86 |
| 3000 | 2.82 | 34.939 | 27.87 |
| 3500 | 2.48 | 34.916 | 27.89 |
| 4000 | 2.34 | 34.903 | 27.89 |
| 4002 | 2.34 | 34.904 | 27.89 |

RES-STACS24-86 CTD 11 RESEARCHER
Date 03 31 86 Latitude 23.069 N
Time 2047 Z Longitude 72.487 W



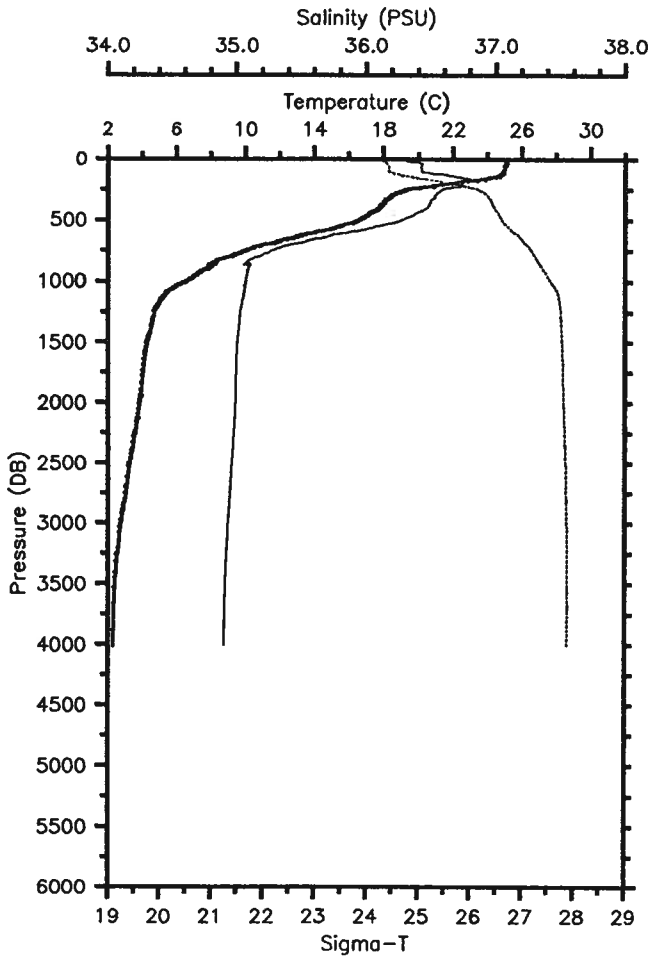

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 20 | 25.04 | 36.478 | 24.47 |
| 30 | 25.04 | 36.485 | 24.47 |
| 40 | 25.04 | 36.486 | 24.47 |
| 50 | 25.02 | 36.504 | 24.49 |
| 60 | 25.01 | 36.508 | 24.50 |
| 70 | 24.98 | 36.526 | 24.52 |
| 80 | 24.89 | 36.543 | 24.56 |
| 90 | 24.78 | 36.584 | 24.63 |
| 100 | 24.66 | 36.593 | 24.67 |
| 110 | 24.37 | 36.644 | 24.79 |
| 120 | 23.69 | 36.661 | 25.01 |
| 130 | 23.63 | 36.662 | 25.03 |
| 140 | 23.28 | 36.666 | 25.13 |
| 150 | 23.00 | 36.717 | 25.25 |
| 160 | 22.63 | 36.737 | 25.38 |
| 170 | 22.20 | 36.753 | 25.51 |
| 180 | 21.31 | 36.616 | 25.66 |
| 190 | 21.11 | 36.601 | 25.70 |
| 200 | 20.95 | 36.601 | 25.74 |
| 250 | 18.99 | 36.535 | 26.21 |
| 300 | 18.44 | 36.514 | 26.34 |
| 350 | 17.99 | 36.490 | 26.43 |
| 400 | 17.53 | 36.437 | 26.50 |
| 450 | 16.87 | 36.331 | 26.58 |
| 500 | 15.72 | 36.134 | 26.70 |
| 550 | 14.76 | 35.976 | 26.79 |
| 600 | 13.61 | 35.793 | 26.90 |
| 650 | 12.49 | 35.621 | 26.99 |
| 700 | 11.22 | 35.427 | 27.09 |
| 750 | 10.29 | 35.308 | 27.16 |
| 800 | 9.54 | 35.233 | 27.23 |
| 850 | 8.61 | 35.137 | 27.31 |
| 900 | 7.81 | 35.084 | 27.39 |
| 950 | 7.15 | 35.078 | 27.48 |
| 1000 | 6.51 | 35.071 | 27.56 |
| 1500 | 4.24 | 35.002 | 27.78 |
| 2000 | 3.69 | 34.986 | 27.83 |
| 2500 | 3.20 | 34.961 | 27.86 |
| 3000 | 2.80 | 34.937 | 27.87 |
| 3500 | 2.48 | 34.917 | 27.89 |
| 4000 | 2.34 | 34.904 | 27.89 |
| 4002 | 2.34 | 34.903 | 27.89 |

RES-STACS24-86 CTD 12 RESEARCHER
Date 04 01 86 Latitude 22.810 N
Time 0033 Z Longitude 72.628 W



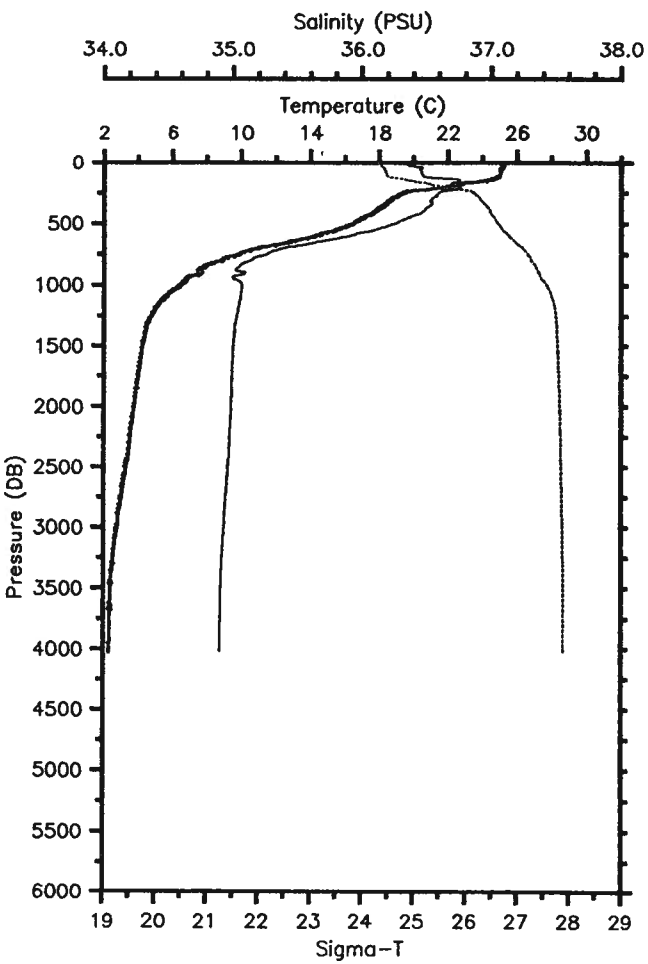

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.26 | 36.250 | 24.23 |
| 10 | 25.27 | 36.268 | 24.24 |
| 20 | 25.34 | 36.369 | 24.29 |
| 30 | 25.33 | 36.372 | 24.30 |
| 40 | 25.33 | 36.371 | 24.30 |
| 50 | 25.30 | 36.374 | 24.31 |
| 60 | 25.18 | 36.402 | 24.37 |
| 70 | 25.16 | 36.438 | 24.40 |
| 80 | 25.11 | 36.488 | 24.45 |
| 90 | 24.99 | 36.513 | 24.51 |
| 100 | 24.90 | 36.549 | 24.56 |
| 110 | 24.83 | 36.573 | 24.60 |
| 120 | 24.64 | 36.599 | 24.68 |
| 130 | 24.32 | 36.653 | 24.82 |
| 140 | 23.85 | 36.650 | 24.95 |
| 150 | 23.58 | 36.706 | 25.08 |
| 160 | 23.31 | 36.765 | 25.20 |
| 170 | 22.93 | 36.751 | 25.30 |
| 180 | 22.77 | 36.779 | 25.37 |
| 190 | 22.49 | 36.779 | 25.45 |
| 200 | 22.34 | 36.795 | 25.50 |
| 250 | 19.82 | 36.647 | 26.08 |
| 300 | 18.56 | 36.556 | 26.34 |
| 350 | 18.02 | 36.497 | 26.43 |
| 400 | 17.57 | 36.442 | 26.50 |
| 450 | 17.03 | 36.355 | 26.56 |
| 500 | 15.92 | 36.167 | 26.68 |
| 550 | 14.93 | 36.008 | 26.78 |
| 600 | 13.84 | 35.828 | 26.88 |
| 650 | 12.81 | 35.670 | 26.97 |
| 700 | 11.25 | 35.446 | 27.10 |
| 750 | 9.94 | 35.271 | 27.19 |
| 800 | 8.78 | 35.135 | 27.28 |
| 850 | 7.94 | 35.055 | 27.35 |
| 900 | 7.40 | 35.025 | 27.40 |
| 950 | 6.85 | 35.011 | 27.47 |
| 1000 | 6.42 | 35.049 | 27.56 |
| 1500 | 4.32 | 35.008 | 27.78 |
| 2000 | 3.76 | 34.988 | 27.82 |
| 2500 | 3.27 | 34.963 | 27.85 |
| 3000 | 2.79 | 34.935 | 27.87 |
| 3500 | 2.49 | 34.916 | 27.89 |
| 4000 | 2.34 | 34.903 | 27.89 |

RES-STACS24-86 CTD 13 RESEARCHER
Date 04 01 86 Latitude 22.645 N
Time 0327 Z Longitude 72.667 W



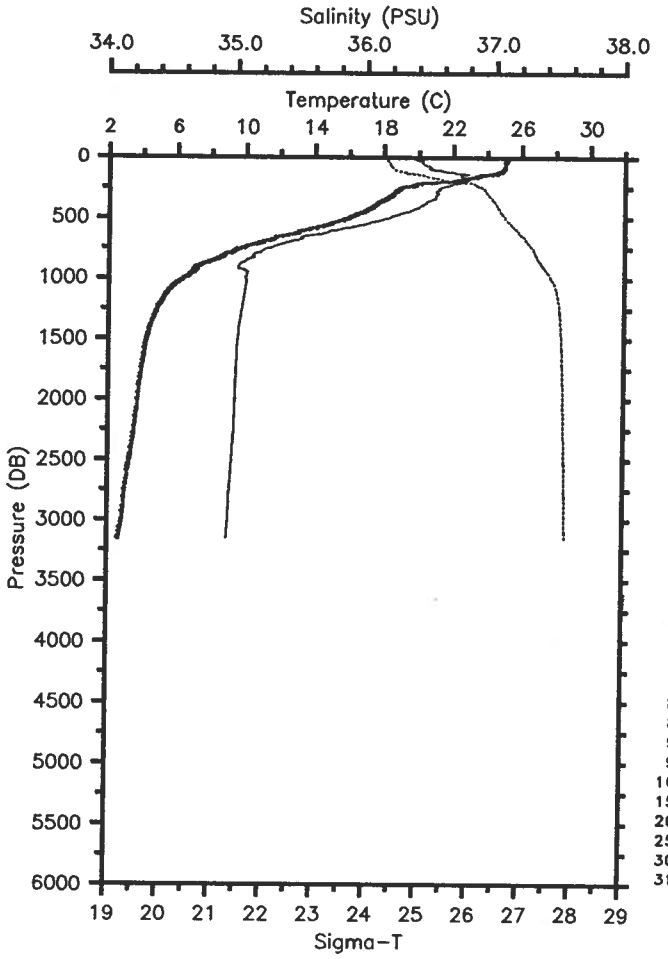

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.07 | 36.306 | 24.33 |
| 10 | 25.07 | 36.304 | 24.33 |
| 20 | 25.08 | 36.314 | 24.33 |
| 30 | 25.14 | 36.407 | 24.38 |
| 40 | 25.12 | 36.430 | 24.41 |
| 50 | 25.07 | 36.427 | 24.42 |
| 60 | 25.02 | 36.423 | 24.43 |
| 70 | 25.01 | 36.423 | 24.43 |
| 80 | 25.00 | 36.424 | 24.44 |
| 90 | 24.99 | 36.424 | 24.44 |
| 100 | 24.99 | 36.424 | 24.44 |
| 110 | 24.94 | 36.447 | 24.47 |
| 120 | 24.86 | 36.527 | 24.56 |
| 130 | 24.73 | 36.624 | 24.67 |
| 140 | 24.58 | 36.682 | 24.74 |
| 150 | 24.24 | 36.728 | 24.90 |
| 160 | 23.89 | 36.778 | 25.04 |
| 170 | 23.51 | 36.822 | 25.18 |
| 180 | 22.71 | 36.756 | 25.37 |
| 190 | 22.27 | 36.723 | 25.47 |
| 200 | 21.96 | 36.739 | 25.57 |
| 250 | 19.37 | 36.596 | 26.16 |
| 300 | 18.51 | 36.529 | 26.33 |
| 350 | 18.08 | 36.492 | 26.41 |
| 400 | 17.74 | 36.463 | 26.47 |
| 450 | 17.15 | 36.375 | 26.55 |
| 500 | 16.61 | 36.282 | 26.61 |
| 550 | 15.60 | 36.113 | 26.71 |
| 600 | 14.23 | 35.888 | 26.84 |
| 650 | 12.73 | 35.662 | 26.98 |
| 700 | 11.28 | 35.446 | 27.09 |
| 750 | 10.06 | 35.285 | 27.18 |
| 800 | 9.24 | 35.188 | 27.25 |
| 850 | 8.14 | 35.077 | 27.33 |
| 900 | 7.70 | 35.089 | 27.41 |
| 950 | 7.11 | 35.078 | 27.49 |
| 1000 | 6.58 | 35.070 | 27.55 |
| 1500 | 4.29 | 35.007 | 27.78 |
| 2000 | 3.86 | 34.992 | 27.82 |
| 2500 | 3.27 | 34.964 | 27.85 |
| 3000 | 2.74 | 34.934 | 27.88 |
| 3500 | 2.41 | 34.912 | 27.89 |
| 4000 | 2.31 | 34.901 | 27.89 |
| 4004 | 2.31 | 34.902 | 27.89 |

RES-STACS24-86 CTD 14 RESEARCHER
Date 04 01 86 Latitude 22.578 N
Time 0647 Z Longitude 72.690 W



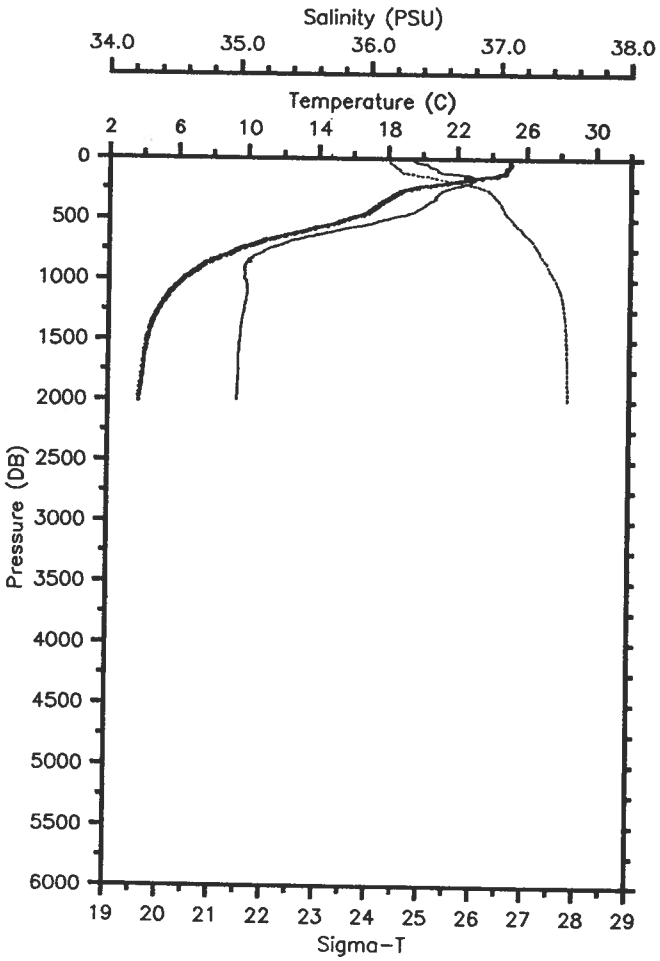

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.09 | 36.307 | 24.32 |
| 10 | 25.08 | 36.295 | 24.32 |
| 20 | 25.14 | 36.349 | 24.34 |
| 30 | 25.18 | 36.405 | 24.37 |
| 40 | 25.16 | 36.466 | 24.42 |
| 50 | 25.09 | 36.460 | 24.44 |
| 60 | 25.04 | 36.450 | 24.44 |
| 70 | 25.04 | 36.461 | 24.45 |
| 80 | 25.01 | 36.461 | 24.46 |
| 90 | 25.00 | 36.465 | 24.47 |
| 100 | 24.99 | 36.469 | 24.48 |
| 110 | 24.96 | 36.475 | 24.49 |
| 120 | 24.84 | 36.509 | 24.55 |
| 130 | 24.67 | 36.663 | 24.72 |
| 140 | 24.48 | 36.735 | 24.83 |
| 150 | 24.09 | 36.751 | 24.96 |
| 160 | 23.65 | 36.748 | 25.09 |
| 170 | 22.95 | 36.696 | 25.25 |
| 180 | 22.65 | 36.705 | 25.35 |
| 190 | 22.28 | 36.700 | 25.45 |
| 200 | 21.97 | 36.752 | 25.58 |
| 250 | 19.40 | 36.597 | 26.15 |
| 300 | 18.75 | 36.546 | 26.28 |
| 350 | 18.27 | 36.537 | 26.40 |
| 400 | 17.76 | 36.473 | 26.48 |
| 450 | 17.09 | 36.370 | 26.56 |
| 500 | 16.48 | 36.263 | 26.63 |
| 550 | 15.57 | 36.110 | 26.72 |
| 600 | 14.38 | 35.913 | 26.83 |
| 650 | 12.79 | 35.651 | 26.96 |
| 700 | 11.01 | 35.405 | 27.11 |
| 750 | 9.88 | 35.266 | 27.20 |
| 800 | 8.86 | 35.144 | 27.27 |
| 850 | 7.86 | 35.049 | 27.35 |
| 900 | 7.64 | 35.093 | 27.42 |
| 950 | 6.75 | 35.005 | 27.48 |
| 1000 | 6.46 | 35.069 | 27.57 |
| 1500 | 4.24 | 35.004 | 27.79 |
| 2000 | 3.76 | 34.987 | 27.82 |
| 2500 | 3.29 | 34.965 | 27.85 |
| 3000 | 2.80 | 34.937 | 27.88 |
| 3500 | 2.41 | 34.912 | 27.89 |
| 4000 | 2.35 | 34.904 | 27.89 |
| 4020 | 2.34 | 34.904 | 27.89 |

RES-STACS24-86 CTD 15 RESEARCHER
Date 04 01 86 Latitude 22.495 N
Time 0950 Z Longitude 72.757 W



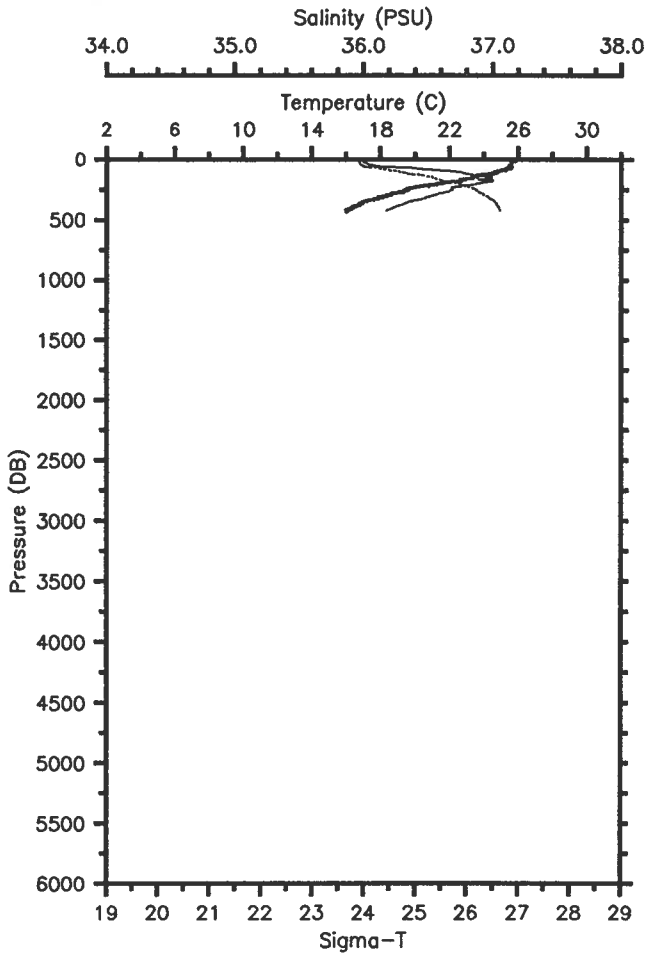

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 24.92 | 36.095 | 24.21 |
| 10 | 25.15 | 36.354 | 24.34 |
| 20 | 25.15 | 36.380 | 24.36 |
| 30 | 25.14 | 36.411 | 24.38 |
| 40 | 25.06 | 36.423 | 24.42 |
| 50 | 25.03 | 36.431 | 24.43 |
| 60 | 25.03 | 36.442 | 24.44 |
| 70 | 25.02 | 36.471 | 24.47 |
| 80 | 25.01 | 36.488 | 24.48 |
| 90 | 24.96 | 36.481 | 24.49 |
| 100 | 24.91 | 36.493 | 24.52 |
| 110 | 24.83 | 36.583 | 24.61 |
| 120 | 24.65 | 36.626 | 24.70 |
| 130 | 24.55 | 36.685 | 24.77 |
| 140 | 24.10 | 36.774 | 24.97 |
| 150 | 23.56 | 36.731 | 25.10 |
| 160 | 23.33 | 36.730 | 25.17 |
| 170 | 22.92 | 36.786 | 25.33 |
| 180 | 22.51 | 36.783 | 25.45 |
| 190 | 22.20 | 36.750 | 25.51 |
| 200 | 21.64 | 36.756 | 25.67 |
| 250 | 19.03 | 36.574 | 26.23 |
| 300 | 18.57 | 36.553 | 26.33 |
| 350 | 18.02 | 36.506 | 26.44 |
| 400 | 17.41 | 36.419 | 26.52 |
| 450 | 16.84 | 36.323 | 26.58 |
| 500 | 15.97 | 36.176 | 26.68 |
| 550 | 14.89 | 35.998 | 26.78 |
| 600 | 13.56 | 35.781 | 26.90 |
| 650 | 12.19 | 35.560 | 27.01 |
| 700 | 11.04 | 35.412 | 27.11 |
| 750 | 9.81 | 35.258 | 27.21 |
| 800 | 8.80 | 35.130 | 27.27 |
| 850 | 8.11 | 35.067 | 27.33 |
| 900 | 7.13 | 35.007 | 27.43 |
| 950 | 6.89 | 35.073 | 27.51 |
| 1000 | 6.34 | 35.065 | 27.58 |
| 1500 | 4.24 | 35.007 | 27.79 |
| 2000 | 3.74 | 34.986 | 27.82 |
| 2500 | 3.27 | 34.963 | 27.85 |
| 3000 | 2.85 | 34.939 | 27.87 |
| 3150 | 2.65 | 34.927 | 27.88 |

RES-STACS24-86 CTD 16 RESEARCHER
Date 04 01 86 Latitude 22.428 N
Time 1215 Z Longitude 72.772 W



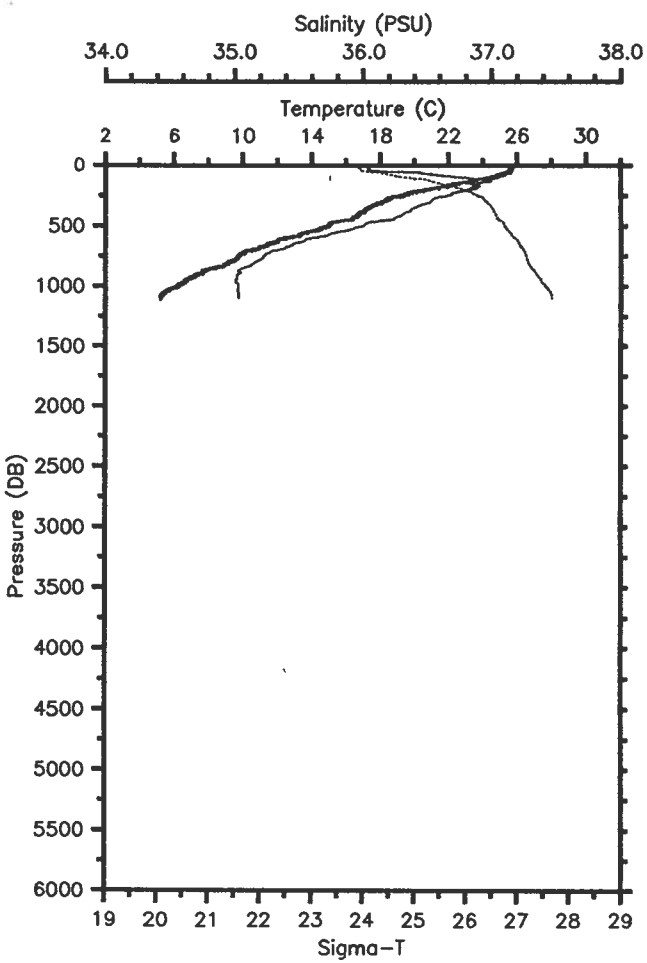

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.01 | 36.306 | 24.35 |
| 10 | 25.02 | 36.302 | 24.34 |
| 20 | 25.04 | 36.336 | 24.36 |
| 30 | 25.03 | 36.341 | 24.36 |
| 40 | 25.06 | 36.383 | 24.39 |
| 50 | 25.06 | 36.436 | 24.43 |
| 60 | 25.01 | 36.445 | 24.45 |
| 70 | 24.97 | 36.452 | 24.47 |
| 80 | 24.88 | 36.500 | 24.53 |
| 90 | 24.83 | 36.516 | 24.56 |
| 100 | 24.82 | 36.519 | 24.56 |
| 110 | 24.81 | 36.518 | 24.57 |
| 120 | 24.72 | 36.561 | 24.63 |
| 130 | 24.39 | 36.692 | 24.82 |
| 140 | 24.33 | 36.769 | 24.90 |
| 150 | 23.64 | 36.786 | 25.12 |
| 160 | 23.16 | 36.714 | 25.21 |
| 170 | 22.93 | 36.737 | 25.29 |
| 180 | 22.54 | 36.755 | 25.42 |
| 190 | 21.97 | 36.774 | 25.59 |
| 200 | 21.52 | 36.776 | 25.72 |
| 250 | 19.35 | 36.609 | 26.18 |
| 300 | 18.39 | 36.522 | 26.36 |
| 350 | 17.83 | 36.477 | 26.46 |
| 400 | 17.32 | 36.405 | 26.53 |
| 450 | 16.81 | 36.319 | 26.59 |
| 500 | 15.75 | 36.141 | 26.70 |
| 550 | 14.67 | 35.963 | 26.80 |
| 600 | 13.28 | 35.737 | 26.92 |
| 650 | 11.87 | 35.529 | 27.04 |
| 700 | 10.62 | 35.359 | 27.14 |
| 750 | 9.48 | 35.218 | 27.23 |
| 800 | 8.74 | 35.132 | 27.28 |
| 850 | 7.88 | 35.072 | 27.37 |
| 900 | 7.26 | 35.037 | 27.43 |
| 950 | 6.78 | 35.040 | 27.50 |
| 1000 | 6.30 | 35.038 | 27.56 |
| 1500 | 4.25 | 35.006 | 27.79 |
| 2000 | 3.77 | 34.988 | 27.82 |

RES-STACS24-86 CTD 17 RESEARCHER
Date 04 01 86 Latitude 20.793 N
Time 2125 Z Longitude 73.155 W



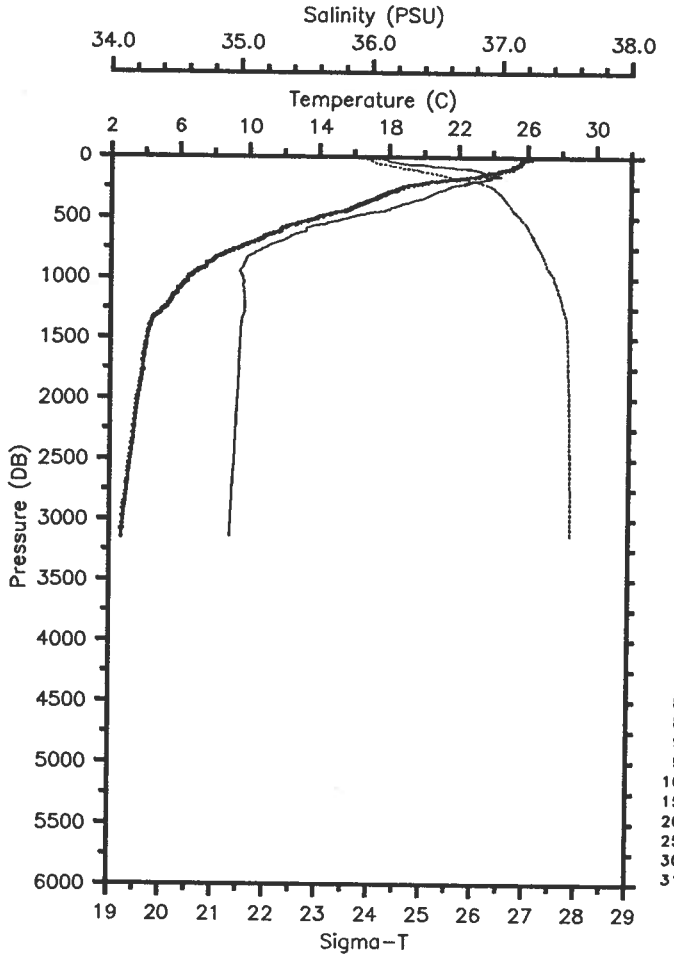

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.78 | 36.013 | 23.87 |
| 10 | 25.81 | 36.010 | 23.86 |
| 20 | 25.59 | 35.998 | 23.91 |
| 30 | 25.62 | 36.022 | 23.92 |
| 40 | 25.61 | 36.033 | 23.94 |
| 50 | 25.53 | 36.076 | 23.99 |
| 60 | 25.52 | 36.109 | 24.02 |
| 70 | 25.52 | 36.319 | 24.18 |
| 80 | 25.30 | 36.428 | 24.33 |
| 90 | 25.18 | 36.549 | 24.46 |
| 100 | 24.80 | 36.692 | 24.68 |
| 110 | 24.66 | 36.774 | 24.79 |
| 120 | 24.44 | 36.813 | 24.89 |
| 130 | 23.72 | 36.846 | 25.12 |
| 140 | 23.69 | 36.919 | 25.19 |
| 150 | 23.34 | 36.985 | 25.34 |
| 160 | 23.03 | 36.956 | 25.41 |
| 170 | 22.62 | 36.893 | 25.48 |
| 180 | 22.65 | 36.994 | 25.55 |
| 190 | 22.02 | 36.949 | 25.70 |
| 200 | 21.52 | 36.898 | 25.80 |
| 250 | 19.48 | 36.690 | 26.19 |
| 300 | 18.31 | 36.539 | 26.37 |
| 350 | 17.06 | 36.358 | 26.54 |
| 400 | 16.31 | 36.233 | 26.63 |
| 426 | 16.01 | 36.181 | 26.66 |

RES-STACS24-86 CTD 18 RESEARCHER
Date 04 01 86 Latitude 20.722 N
Time 2412 Z Longitude 73.115 W



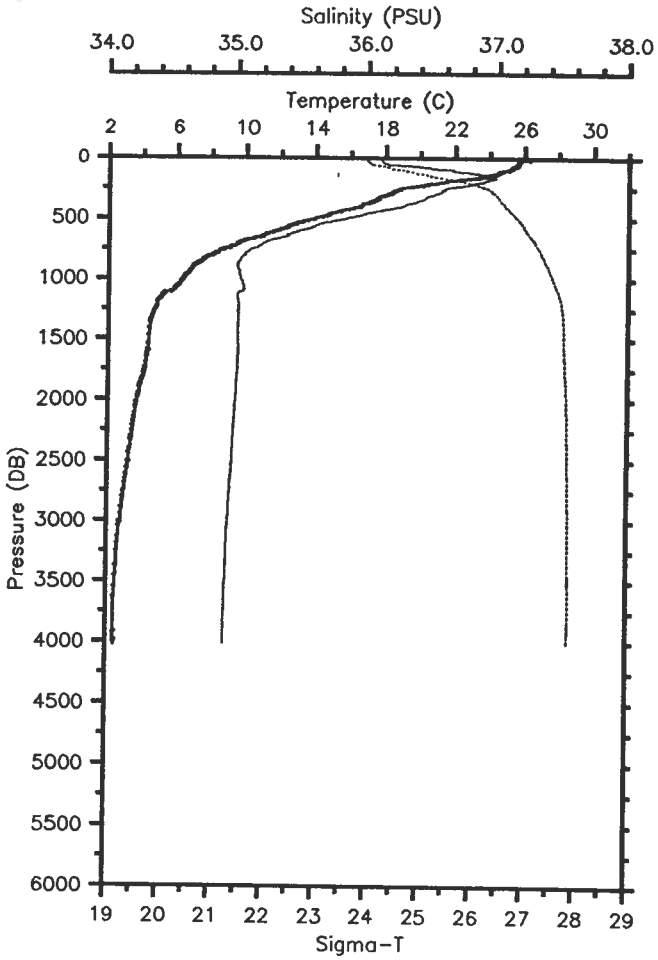

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.74 | 36.029 | 23.89 |
| 10 | 25.74 | 36.029 | 23.89 |
| 20 | 25.72 | 36.045 | 23.91 |
| 30 | 25.59 | 36.040 | 23.95 |
| 40 | 25.54 | 36.035 | 23.96 |
| 50 | 25.58 | 36.123 | 24.01 |
| 60 | 25.43 | 36.426 | 24.29 |
| 70 | 25.22 | 36.513 | 24.42 |
| 80 | 24.95 | 36.555 | 24.53 |
| 90 | 24.81 | 36.654 | 24.65 |
| 100 | 24.43 | 36.763 | 24.85 |
| 110 | 24.13 | 36.868 | 25.02 |
| 120 | 23.58 | 36.981 | 25.27 |
| 130 | 23.33 | 36.977 | 25.34 |
| 140 | 23.04 | 36.956 | 25.41 |
| 150 | 22.34 | 36.844 | 25.53 |
| 160 | 22.04 | 36.856 | 25.62 |
| 170 | 21.93 | 36.880 | 25.67 |
| 180 | 21.45 | 36.876 | 25.80 |
| 190 | 21.03 | 36.833 | 25.88 |
| 200 | 20.74 | 36.816 | 25.95 |
| 250 | 19.18 | 36.856 | 26.24 |
| 300 | 18.12 | 36.525 | 26.41 |
| 350 | 17.29 | 36.401 | 26.52 |
| 400 | 16.79 | 36.319 | 26.58 |
| 450 | 16.10 | 36.200 | 26.65 |
| 500 | 14.97 | 36.002 | 26.75 |
| 550 | 13.77 | 35.804 | 26.86 |
| 600 | 12.47 | 35.603 | 26.97 |
| 650 | 11.44 | 35.456 | 27.05 |
| 700 | 10.54 | 35.342 | 27.12 |
| 750 | 9.75 | 35.230 | 27.17 |
| 800 | 9.17 | 35.163 | 27.22 |
| 850 | 8.35 | 35.078 | 27.28 |
| 900 | 7.42 | 35.035 | 27.39 |
| 950 | 6.76 | 35.009 | 27.46 |
| 1000 | 6.20 | 35.031 | 27.55 |
| 1100 | 5.22 | 35.035 | 27.68 |

RES-STACS24-86 CTD 19 RESEARCHER
Date 04 02 86 Latitude 20.532 N
Time 0303 Z Longitude 73.094 W



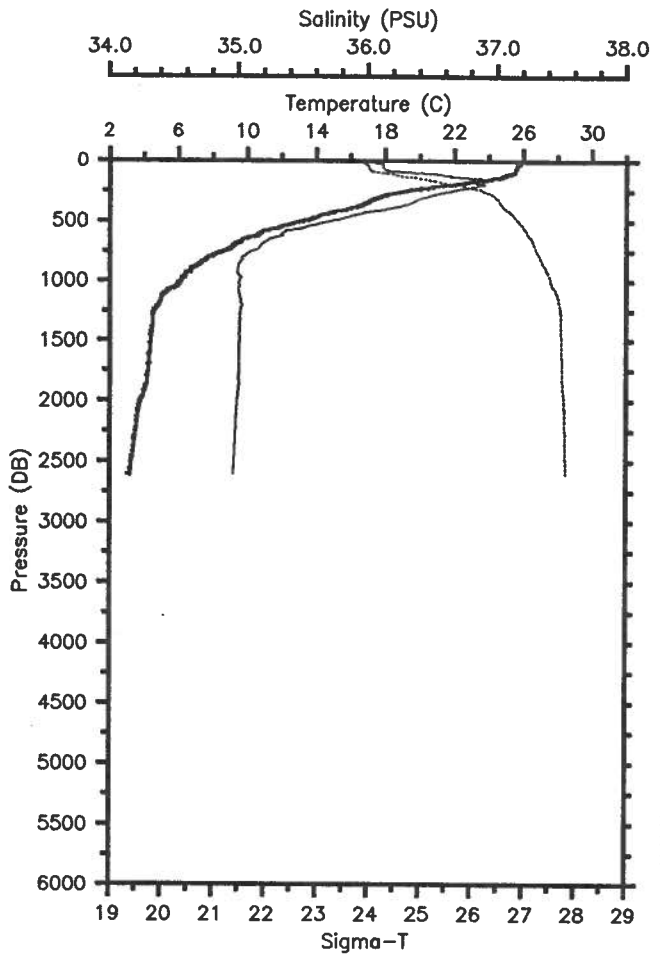

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.20 | 35.985 | 23.73 |
| 10 | 26.22 | 35.984 | 23.73 |
| 20 | 25.97 | 36.084 | 23.88 |
| 30 | 25.72 | 36.110 | 23.98 |
| 40 | 25.64 | 36.143 | 24.03 |
| 50 | 25.61 | 36.192 | 24.07 |
| 60 | 25.56 | 36.251 | 24.14 |
| 70 | 25.40 | 36.437 | 24.32 |
| 80 | 25.27 | 36.490 | 24.40 |
| 90 | 25.14 | 36.633 | 24.55 |
| 100 | 24.94 | 36.728 | 24.69 |
| 110 | 24.50 | 36.819 | 24.89 |
| 120 | 24.34 | 36.839 | 24.95 |
| 130 | 23.78 | 36.866 | 25.14 |
| 140 | 23.53 | 36.898 | 25.24 |
| 150 | 23.33 | 36.955 | 25.34 |
| 160 | 23.04 | 36.993 | 25.45 |
| 170 | 22.43 | 36.884 | 25.54 |
| 180 | 21.92 | 36.911 | 25.71 |
| 190 | 21.24 | 36.863 | 25.86 |
| 200 | 20.65 | 36.800 | 25.98 |
| 250 | 18.79 | 36.601 | 26.32 |
| 300 | 17.82 | 36.477 | 26.47 |
| 350 | 17.09 | 36.372 | 26.56 |
| 400 | 16.20 | 36.215 | 26.65 |
| 450 | 15.40 | 36.084 | 26.74 |
| 500 | 13.89 | 35.826 | 26.87 |
| 550 | 12.75 | 35.655 | 26.97 |
| 600 | 11.81 | 35.498 | 27.03 |
| 650 | 10.99 | 35.397 | 27.11 |
| 700 | 10.30 | 35.305 | 27.16 |
| 750 | 9.44 | 35.198 | 27.22 |
| 800 | 8.61 | 35.110 | 27.29 |
| 850 | 7.97 | 35.042 | 27.33 |
| 900 | 7.54 | 35.024 | 27.38 |
| 950 | 6.90 | 34.994 | 27.45 |
| 1000 | 6.48 | 35.018 | 27.52 |
| 1500 | 4.13 | 35.001 | 27.79 |
| 2000 | 3.62 | 34.982 | 27.83 |
| 2500 | 3.19 | 34.959 | 27.86 |
| 3000 | 2.78 | 34.935 | 27.87 |
| 3140 | 2.70 | 34.931 | 27.88 |

RES-STACS24-86 CTD 20 RESEARCHER
Date 04 02 86 Latitude 20.405 N
Time 0627 Z Longitude 73.064 W



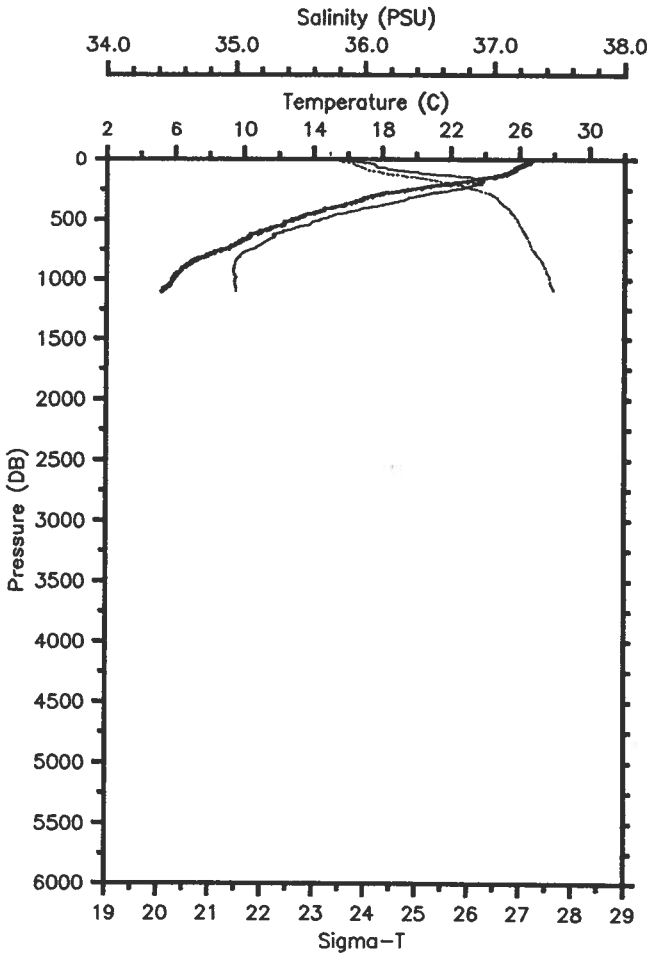

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.28 | 35.970 | 23.70 |
| 10 | 26.28 | 35.973 | 23.70 |
| 20 | 25.72 | 36.100 | 23.97 |
| 30 | 25.66 | 36.106 | 23.99 |
| 40 | 25.63 | 36.110 | 24.01 |
| 50 | 25.53 | 36.144 | 24.06 |
| 60 | 25.53 | 36.171 | 24.08 |
| 70 | 25.35 | 36.375 | 24.29 |
| 80 | 25.26 | 36.461 | 24.39 |
| 90 | 25.13 | 36.495 | 24.45 |
| 100 | 24.89 | 36.651 | 24.64 |
| 110 | 24.58 | 36.670 | 24.75 |
| 120 | 24.46 | 36.781 | 24.87 |
| 130 | 24.39 | 36.866 | 24.96 |
| 140 | 23.95 | 36.913 | 25.12 |
| 150 | 23.72 | 36.921 | 25.20 |
| 160 | 23.45 | 36.961 | 25.31 |
| 170 | 22.74 | 36.965 | 25.52 |
| 180 | 22.18 | 36.911 | 25.64 |
| 190 | 21.53 | 36.890 | 25.80 |
| 200 | 21.32 | 36.875 | 25.85 |
| 250 | 18.91 | 36.601 | 26.28 |
| 300 | 18.11 | 36.514 | 26.42 |
| 350 | 17.38 | 36.408 | 26.52 |
| 400 | 16.57 | 36.269 | 26.61 |
| 450 | 15.18 | 36.040 | 26.75 |
| 500 | 13.94 | 35.839 | 26.87 |
| 550 | 12.72 | 35.626 | 26.95 |
| 600 | 11.78 | 35.491 | 27.03 |
| 650 | 10.89 | 35.385 | 27.11 |
| 700 | 9.59 | 35.214 | 27.21 |
| 750 | 8.81 | 35.129 | 27.27 |
| 800 | 8.03 | 35.052 | 27.33 |
| 850 | 7.45 | 35.017 | 27.39 |
| 900 | 6.89 | 34.995 | 27.45 |
| 950 | 6.66 | 35.012 | 27.50 |
| 1000 | 6.36 | 35.022 | 27.54 |
| 1500 | 4.35 | 35.003 | 27.77 |
| 2000 | 3.69 | 34.986 | 27.83 |
| 2500 | 3.22 | 34.961 | 27.85 |
| 3000 | 2.78 | 34.932 | 27.87 |
| 3500 | 2.50 | 34.917 | 27.88 |
| 4000 | 2.46 | 34.910 | 27.88 |
| 4012 | 2.46 | 34.911 | 27.88 |

RES-STACS24-86 CTD 21 RESEARCHER
Date 04 02 86 Latitude 20.329 N
Time 0922 Z Longitude 73.010 W



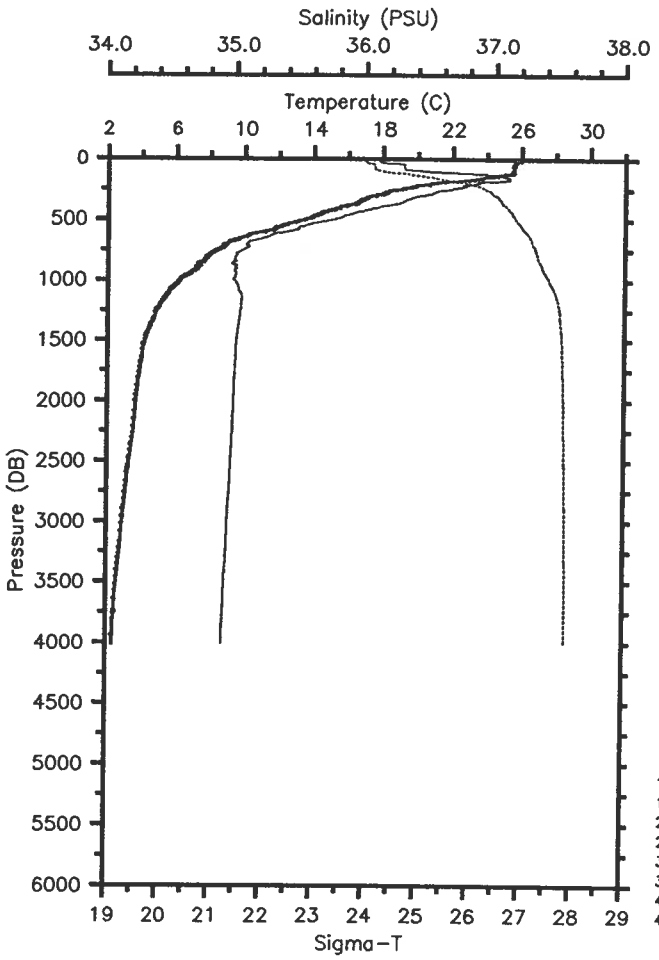

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.85 | 36.047 | 23.87 |
| 10 | 25.85 | 36.046 | 23.87 |
| 20 | 25.82 | 36.058 | 23.89 |
| 30 | 25.65 | 36.114 | 23.99 |
| 40 | 25.61 | 36.117 | 24.00 |
| 50 | 25.58 | 36.113 | 24.01 |
| 60 | 25.55 | 36.116 | 24.02 |
| 70 | 25.55 | 36.128 | 24.03 |
| 80 | 25.53 | 36.143 | 24.04 |
| 90 | 25.51 | 36.193 | 24.09 |
| 100 | 25.35 | 36.366 | 24.27 |
| 110 | 25.08 | 36.540 | 24.48 |
| 120 | 24.93 | 36.596 | 24.57 |
| 130 | 24.77 | 36.642 | 24.66 |
| 140 | 24.25 | 36.764 | 24.91 |
| 150 | 23.96 | 36.884 | 25.08 |
| 160 | 23.57 | 36.882 | 25.20 |
| 170 | 23.05 | 36.854 | 25.33 |
| 180 | 22.63 | 36.841 | 25.44 |
| 190 | 22.15 | 36.879 | 25.61 |
| 200 | 21.73 | 36.885 | 25.73 |
| 250 | 19.20 | 36.646 | 26.23 |
| 300 | 17.69 | 36.457 | 26.47 |
| 350 | 16.90 | 36.335 | 26.56 |
| 400 | 15.82 | 36.151 | 26.68 |
| 450 | 14.31 | 35.900 | 26.82 |
| 500 | 13.23 | 35.719 | 26.91 |
| 550 | 11.93 | 35.520 | 27.01 |
| 600 | 10.77 | 35.341 | 27.08 |
| 650 | 9.81 | 35.243 | 27.17 |
| 700 | 9.25 | 35.172 | 27.21 |
| 750 | 8.65 | 35.107 | 27.26 |
| 800 | 7.80 | 35.030 | 27.33 |
| 850 | 7.34 | 35.011 | 27.38 |
| 900 | 6.76 | 34.992 | 27.45 |
| 950 | 6.44 | 35.001 | 27.50 |
| 1000 | 6.16 | 35.007 | 27.54 |
| 1500 | 4.41 | 35.007 | 27.75 |
| 2000 | 3.80 | 34.989 | 27.80 |
| 2500 | 3.26 | 34.963 | 27.83 |
| 2602 | 3.12 | 34.956 | 27.84 |

RES-STACS24-86 CTD 22 RESEARCHER
Date 04 02 86 Latitude 20.145 N
Time 1312 Z Longitude 72.985 W



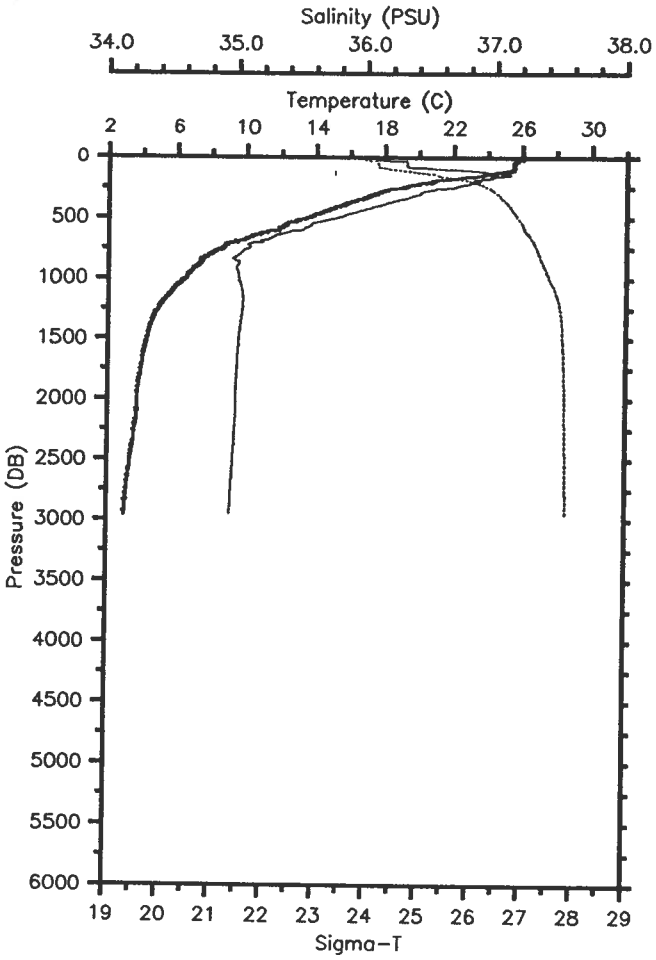

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.58 | 35.854 | 23.50 |
| 10 | 26.58 | 35.855 | 23.50 |
| 20 | 26.60 | 35.893 | 23.52 |
| 30 | 26.50 | 35.963 | 23.60 |
| 40 | 26.26 | 36.071 | 23.76 |
| 50 | 26.11 | 36.076 | 23.81 |
| 60 | 25.93 | 36.090 | 23.88 |
| 70 | 25.76 | 36.124 | 23.96 |
| 80 | 25.77 | 36.169 | 23.99 |
| 90 | 25.69 | 36.224 | 24.06 |
| 100 | 25.53 | 36.305 | 24.17 |
| 110 | 25.38 | 36.411 | 24.29 |
| 120 | 25.20 | 36.451 | 24.38 |
| 130 | 24.89 | 36.579 | 24.57 |
| 140 | 24.61 | 36.683 | 24.73 |
| 150 | 24.22 | 36.826 | 24.96 |
| 160 | 23.89 | 36.853 | 25.14 |
| 170 | 23.27 | 36.846 | 25.26 |
| 180 | 22.97 | 36.915 | 25.40 |
| 190 | 22.60 | 36.916 | 25.50 |
| 200 | 21.95 | 36.839 | 25.63 |
| 250 | 19.75 | 36.707 | 26.13 |
| 300 | 17.84 | 36.454 | 26.48 |
| 350 | 16.51 | 36.267 | 26.60 |
| 400 | 15.19 | 36.046 | 26.74 |
| 450 | 14.01 | 35.847 | 26.84 |
| 500 | 12.81 | 35.658 | 26.94 |
| 550 | 12.21 | 35.564 | 26.99 |
| 600 | 10.96 | 35.364 | 27.07 |
| 650 | 10.29 | 35.298 | 27.14 |
| 700 | 9.56 | 35.208 | 27.19 |
| 750 | 8.87 | 35.127 | 27.24 |
| 800 | 7.85 | 35.035 | 27.32 |
| 850 | 7.00 | 35.000 | 27.42 |
| 900 | 6.53 | 34.987 | 27.47 |
| 950 | 6.12 | 34.985 | 27.53 |
| 1000 | 5.84 | 34.993 | 27.57 |
| 1100 | 5.24 | 35.003 | 27.65 |

RES-STACS24-86 CTD 23 RESEARCHER
Date 04 03 86 Latitude 19.082 N
Time 1917 Z Longitude 66.132 W



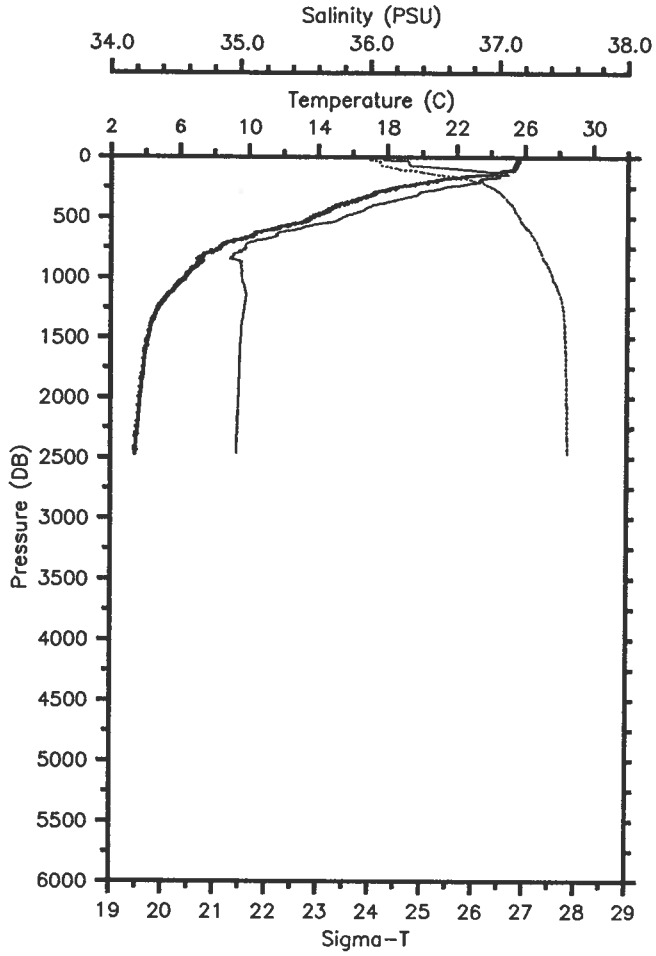

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.96 | 36.090 | 23.89 |
| 10 | 25.96 | 36.100 | 23.90 |
| 20 | 25.74 | 36.108 | 23.97 |
| 30 | 25.66 | 36.114 | 24.00 |
| 40 | 25.59 | 36.245 | 24.12 |
| 50 | 25.58 | 36.296 | 24.16 |
| 60 | 25.55 | 36.290 | 24.17 |
| 70 | 25.55 | 36.296 | 24.17 |
| 80 | 25.55 | 36.297 | 24.17 |
| 90 | 25.51 | 36.314 | 24.20 |
| 100 | 25.49 | 36.453 | 24.31 |
| 110 | 25.51 | 36.605 | 24.42 |
| 120 | 25.19 | 36.863 | 24.71 |
| 130 | 24.91 | 36.947 | 24.86 |
| 140 | 24.50 | 37.048 | 25.06 |
| 150 | 23.90 | 37.081 | 25.27 |
| 160 | 23.61 | 37.103 | 25.37 |
| 170 | 23.12 | 37.104 | 25.51 |
| 180 | 22.38 | 37.037 | 25.68 |
| 190 | 21.58 | 36.878 | 25.78 |
| 200 | 20.87 | 36.869 | 25.97 |
| 250 | 19.04 | 36.657 | 26.29 |
| 300 | 17.65 | 36.452 | 26.49 |
| 350 | 16.68 | 36.298 | 26.60 |
| 400 | 15.52 | 36.100 | 26.72 |
| 450 | 14.39 | 35.906 | 26.82 |
| 500 | 13.48 | 35.756 | 26.90 |
| 550 | 12.16 | 35.537 | 26.99 |
| 600 | 11.18 | 35.407 | 27.08 |
| 650 | 9.85 | 35.226 | 27.17 |
| 700 | 8.93 | 35.090 | 27.22 |
| 750 | 8.40 | 35.056 | 27.28 |
| 800 | 7.86 | 34.997 | 27.31 |
| 850 | 7.49 | 34.986 | 27.36 |
| 900 | 7.23 | 34.995 | 27.40 |
| 950 | 6.73 | 34.997 | 27.47 |
| 1000 | 6.23 | 34.982 | 27.53 |
| 1500 | 4.19 | 35.005 | 27.79 |
| 2000 | 3.67 | 34.985 | 27.83 |
| 2500 | 3.29 | 34.965 | 27.85 |
| 3000 | 2.91 | 34.942 | 27.87 |
| 3500 | 2.58 | 34.922 | 27.88 |
| 4000 | 2.38 | 34.907 | 27.89 |
| 4004 | 2.38 | 34.906 | 27.89 |

RES-STACS24-86 CTD 24 RESEARCHER
Date 04 03 86 Latitude 18.918 N
Time 2346 Z Longitude 66.122 W



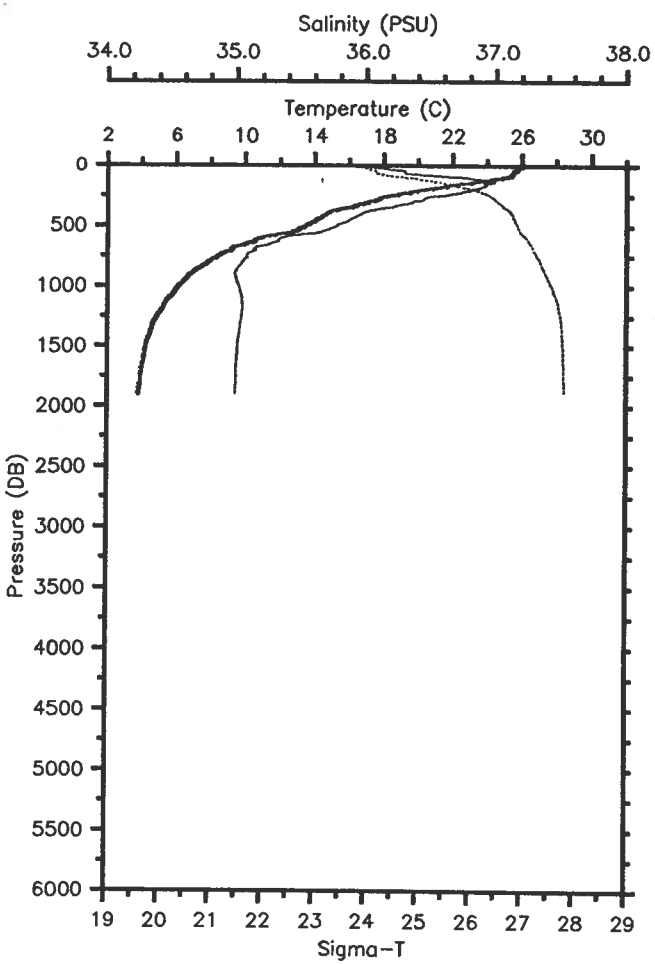

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.02 | 36.100 | 23.88 |
| 10 | 26.01 | 36.102 | 23.88 |
| 20 | 25.73 | 36.065 | 23.94 |
| 30 | 25.68 | 36.132 | 24.01 |
| 40 | 25.54 | 36.303 | 24.18 |
| 50 | 25.49 | 36.303 | 24.19 |
| 60 | 25.48 | 36.303 | 24.20 |
| 70 | 25.47 | 36.304 | 24.20 |
| 80 | 25.46 | 36.308 | 24.21 |
| 90 | 25.47 | 36.490 | 24.34 |
| 100 | 25.47 | 36.623 | 24.44 |
| 110 | 25.24 | 36.815 | 24.66 |
| 120 | 24.81 | 36.910 | 24.86 |
| 130 | 24.30 | 36.983 | 25.07 |
| 140 | 23.93 | 37.088 | 25.26 |
| 150 | 23.69 | 37.104 | 25.35 |
| 160 | 22.73 | 36.954 | 25.51 |
| 170 | 22.32 | 36.970 | 25.64 |
| 180 | 21.74 | 36.919 | 25.77 |
| 190 | 20.93 | 36.824 | 25.92 |
| 200 | 20.78 | 36.866 | 25.99 |
| 250 | 18.99 | 36.654 | 26.31 |
| 300 | 17.43 | 36.402 | 26.50 |
| 350 | 18.38 | 36.245 | 26.63 |
| 400 | 15.39 | 36.081 | 26.73 |
| 450 | 14.42 | 35.919 | 26.82 |
| 500 | 13.47 | 35.762 | 26.91 |
| 550 | 12.27 | 35.561 | 26.99 |
| 600 | 11.82 | 35.501 | 27.03 |
| 650 | 10.31 | 35.280 | 27.14 |
| 700 | 9.43 | 35.190 | 27.22 |
| 750 | 8.81 | 35.088 | 27.27 |
| 800 | 7.91 | 35.014 | 27.32 |
| 850 | 7.39 | 34.976 | 27.37 |
| 900 | 7.09 | 34.993 | 27.42 |
| 950 | 6.70 | 35.000 | 27.48 |
| 1000 | 6.43 | 35.007 | 27.52 |
| 1500 | 4.26 | 35.010 | 27.79 |
| 2000 | 3.71 | 34.986 | 27.83 |
| 2500 | 3.32 | 34.967 | 27.85 |
| 2948 | 3.03 | 34.949 | 27.86 |

RES-STACS24-86 CTD 25 RESEARCHER
Date 04 04 86 Latitude 18.826 N
Time 0240 Z Longitude 66.121 W



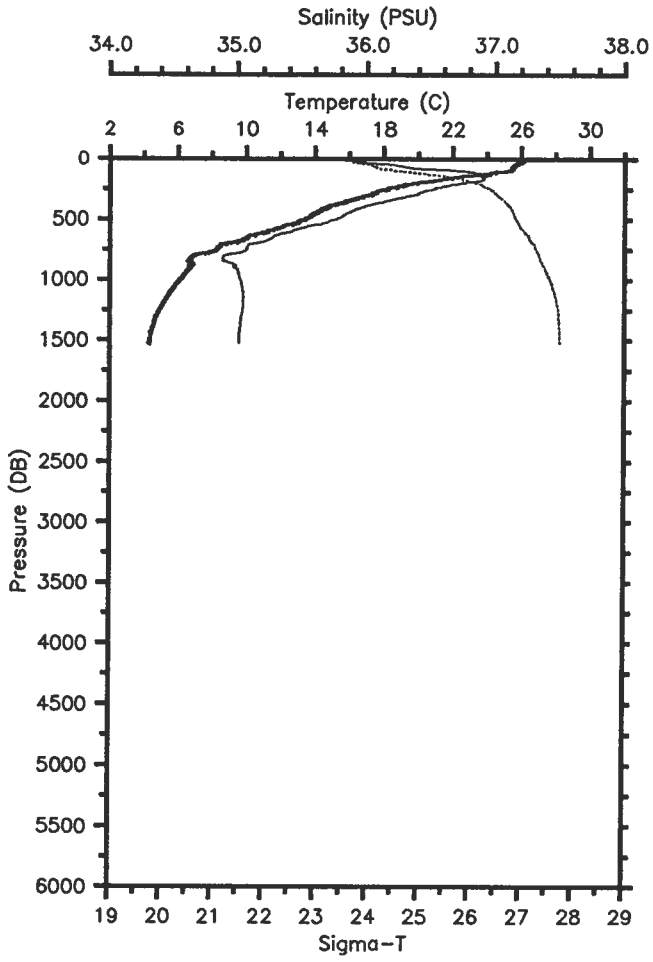

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 30 | 25.66 | 36.139 | 24.02 |
| 40 | 25.52 | 36.299 | 24.18 |
| 50 | 25.48 | 36.297 | 24.19 |
| 60 | 25.48 | 36.299 | 24.20 |
| 70 | 25.48 | 36.307 | 24.20 |
| 80 | 25.46 | 36.452 | 24.32 |
| 90 | 25.39 | 36.540 | 24.41 |
| 100 | 25.34 | 36.671 | 24.52 |
| 110 | 25.04 | 36.790 | 24.70 |
| 120 | 24.72 | 36.932 | 24.91 |
| 130 | 24.32 | 36.974 | 25.06 |
| 140 | 24.11 | 37.039 | 25.17 |
| 150 | 23.45 | 37.035 | 25.37 |
| 160 | 22.51 | 36.995 | 25.61 |
| 170 | 22.23 | 36.997 | 25.69 |
| 180 | 21.30 | 36.859 | 25.84 |
| 190 | 20.98 | 36.844 | 25.92 |
| 200 | 20.52 | 36.858 | 26.06 |
| 250 | 18.55 | 36.567 | 26.35 |
| 300 | 17.24 | 36.382 | 26.53 |
| 350 | 16.31 | 36.228 | 26.64 |
| 400 | 15.02 | 36.015 | 26.77 |
| 450 | 14.48 | 35.929 | 26.82 |
| 500 | 13.57 | 35.784 | 26.90 |
| 550 | 12.68 | 35.637 | 26.97 |
| 600 | 11.34 | 35.436 | 27.07 |
| 650 | 10.28 | 35.280 | 27.14 |
| 700 | 9.08 | 35.117 | 27.22 |
| 750 | 8.32 | 35.035 | 27.27 |
| 800 | 7.56 | 34.972 | 27.34 |
| 850 | 7.20 | 34.946 | 27.37 |
| 900 | 6.98 | 35.006 | 27.45 |
| 950 | 6.58 | 35.014 | 27.51 |
| 1000 | 6.32 | 35.012 | 27.54 |
| 1500 | 4.16 | 35.005 | 27.79 |
| 2000 | 3.69 | 34.986 | 27.83 |
| 2462 | 3.44 | 34.974 | 27.84 |

RES-STACS24-86 CTD 26 RESEARCHER
Date 04 04 86 Latitude 18.739 N
Time 0510 Z Longitude 66.126 W



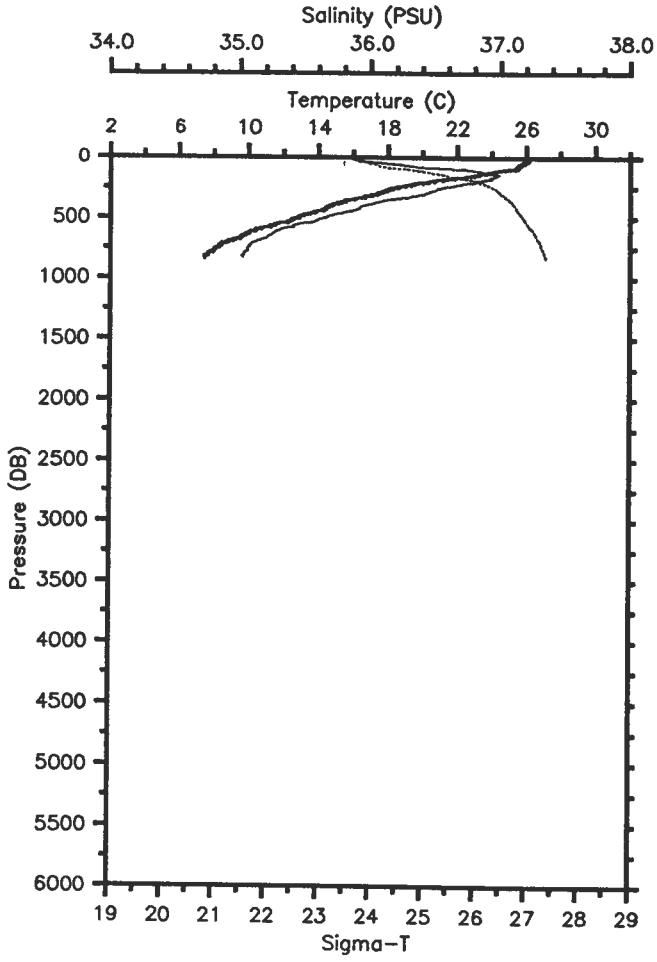

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.04 | 35.922 | 23.74 |
| 10 | 26.03 | 35.907 | 23.73 |
| 20 | 25.80 | 36.043 | 23.90 |
| 30 | 25.74 | 36.162 | 24.01 |
| 40 | 25.61 | 36.221 | 24.09 |
| 50 | 25.53 | 36.295 | 24.18 |
| 60 | 25.50 | 36.297 | 24.19 |
| 70 | 25.46 | 36.325 | 24.22 |
| 80 | 25.40 | 36.483 | 24.36 |
| 90 | 25.26 | 36.598 | 24.49 |
| 100 | 24.85 | 36.766 | 24.74 |
| 110 | 24.40 | 36.821 | 24.92 |
| 120 | 24.18 | 36.975 | 25.10 |
| 130 | 23.53 | 36.986 | 25.30 |
| 140 | 23.11 | 36.978 | 25.42 |
| 150 | 22.59 | 36.919 | 25.53 |
| 160 | 22.13 | 36.927 | 25.66 |
| 170 | 21.70 | 36.917 | 25.78 |
| 180 | 21.32 | 36.884 | 25.86 |
| 190 | 20.85 | 36.870 | 25.98 |
| 200 | 20.31 | 36.830 | 26.09 |
| 250 | 18.44 | 36.563 | 26.37 |
| 300 | 17.14 | 36.360 | 26.54 |
| 350 | 15.94 | 36.173 | 26.68 |
| 400 | 14.69 | 35.963 | 26.80 |
| 450 | 14.10 | 35.869 | 26.85 |
| 500 | 13.46 | 35.767 | 26.91 |
| 550 | 12.74 | 35.653 | 26.97 |
| 600 | 10.97 | 35.359 | 27.08 |
| 650 | 10.08 | 35.264 | 27.16 |
| 700 | 9.22 | 35.149 | 27.22 |
| 750 | 8.42 | 35.072 | 27.29 |
| 800 | 7.85 | 35.043 | 27.35 |
| 850 | 7.33 | 35.010 | 27.40 |
| 900 | 6.80 | 34.985 | 27.46 |
| 950 | 6.47 | 34.994 | 27.51 |
| 1000 | 6.11 | 35.015 | 27.57 |
| 1500 | 4.23 | 35.007 | 27.79 |
| 1894 | 3.81 | 34.991 | 27.82 |

RES-STACS24-86 CTD 27 RESEARCHER
Date 04 04 86 Latitude 18.670 N
Time 0653 Z Longitude 66.118 W



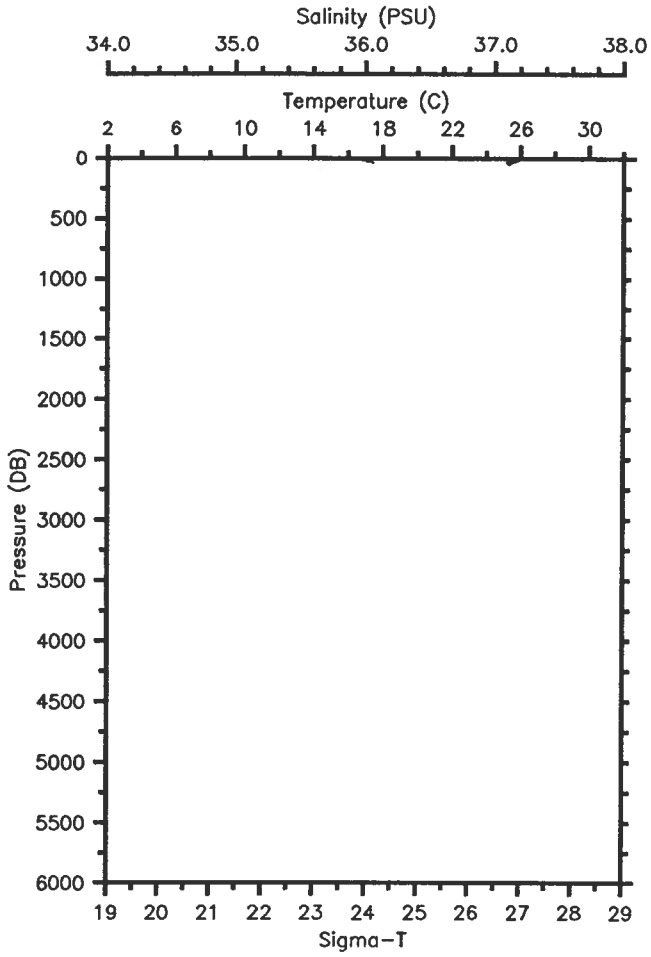

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.18 | 35.894 | 23.65 |
| 10 | 26.20 | 35.893 | 23.65 |
| 20 | 26.04 | 35.918 | 23.72 |
| 30 | 25.97 | 35.922 | 23.74 |
| 40 | 25.79 | 36.052 | 23.90 |
| 50 | 25.64 | 36.203 | 24.06 |
| 60 | 25.54 | 36.263 | 24.13 |
| 70 | 25.50 | 36.318 | 24.19 |
| 80 | 25.48 | 36.402 | 24.26 |
| 90 | 25.44 | 36.547 | 24.38 |
| 100 | 25.22 | 36.712 | 24.57 |
| 110 | 24.54 | 36.795 | 24.84 |
| 120 | 24.07 | 36.900 | 25.06 |
| 130 | 23.73 | 36.947 | 25.20 |
| 140 | 22.64 | 36.929 | 25.50 |
| 150 | 22.14 | 36.885 | 25.61 |
| 160 | 21.84 | 36.907 | 25.71 |
| 170 | 21.37 | 36.905 | 25.84 |
| 180 | 20.95 | 36.886 | 25.95 |
| 190 | 20.25 | 36.796 | 26.07 |
| 200 | 19.94 | 36.758 | 26.12 |
| 250 | 18.19 | 36.523 | 26.39 |
| 300 | 17.19 | 36.378 | 26.53 |
| 350 | 15.84 | 36.150 | 26.67 |
| 400 | 14.70 | 35.985 | 26.78 |
| 450 | 13.96 | 35.846 | 26.85 |
| 500 | 13.44 | 35.763 | 26.90 |
| 550 | 12.32 | 35.575 | 26.97 |
| 600 | 11.30 | 35.426 | 27.05 |
| 650 | 10.06 | 35.268 | 27.15 |
| 700 | 8.87 | 35.126 | 27.24 |
| 750 | 8.30 | 35.074 | 27.29 |
| 800 | 6.97 | 34.899 | 27.34 |
| 850 | 6.67 | 34.907 | 27.39 |
| 900 | 6.65 | 34.975 | 27.45 |
| 950 | 6.43 | 35.006 | 27.50 |
| 1000 | 6.14 | 35.022 | 27.55 |
| 1500 | 4.38 | 35.012 | 27.76 |
| 1526 | 4.34 | 35.012 | 27.76 |

RES-STACS24-86 CTD 28 RESEARCHER
Date 04 04 86 Latitude 18.576 N
Time 0827 Z Longitude 66.114 W



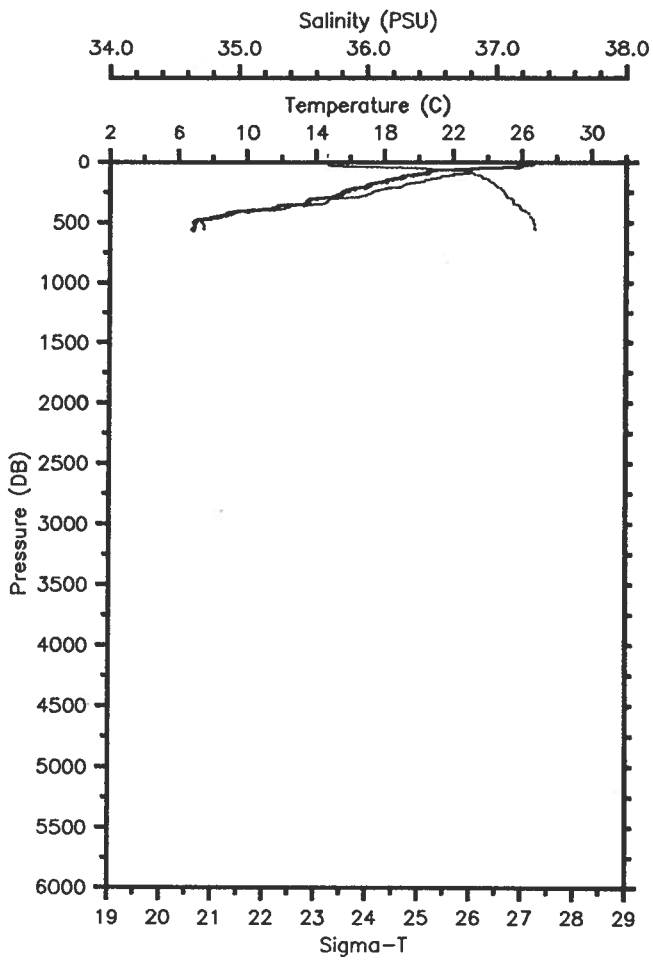

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.13 | 35.861 | 23.65 |
| 10 | 26.14 | 35.861 | 23.64 |
| 20 | 26.08 | 35.872 | 23.67 |
| 30 | 25.97 | 35.914 | 23.73 |
| 40 | 25.88 | 35.992 | 23.82 |
| 50 | 25.72 | 36.114 | 23.96 |
| 60 | 25.65 | 36.219 | 24.07 |
| 70 | 25.55 | 36.280 | 24.14 |
| 80 | 25.48 | 36.364 | 24.23 |
| 90 | 25.41 | 36.545 | 24.39 |
| 100 | 24.83 | 36.750 | 24.72 |
| 110 | 24.32 | 36.811 | 24.92 |
| 120 | 23.88 | 36.860 | 25.09 |
| 130 | 23.63 | 36.915 | 25.20 |
| 140 | 23.23 | 36.989 | 25.36 |
| 150 | 22.90 | 36.972 | 25.46 |
| 160 | 22.48 | 36.957 | 25.58 |
| 170 | 21.89 | 36.923 | 25.71 |
| 180 | 21.25 | 36.915 | 25.88 |
| 190 | 20.70 | 36.854 | 25.99 |
| 200 | 20.33 | 36.821 | 26.06 |
| 250 | 18.37 | 36.550 | 26.37 |
| 300 | 17.42 | 36.418 | 26.50 |
| 350 | 15.88 | 36.150 | 26.66 |
| 400 | 14.72 | 35.956 | 26.77 |
| 450 | 13.85 | 35.824 | 26.86 |
| 500 | 12.80 | 35.656 | 26.94 |
| 550 | 11.64 | 35.466 | 27.02 |
| 600 | 10.42 | 35.301 | 27.11 |
| 650 | 9.66 | 35.223 | 27.18 |
| 700 | 8.79 | 35.126 | 27.25 |
| 750 | 8.18 | 35.062 | 27.30 |
| 800 | 7.67 | 35.033 | 27.35 |
| 830 | 7.46 | 35.019 | 27.37 |

RES-STACS24-86 CTD 29 RESEARCHER
Date 04 09 86 Latitude 11.495 N
Time 1757 Z Longitude 63.547 W



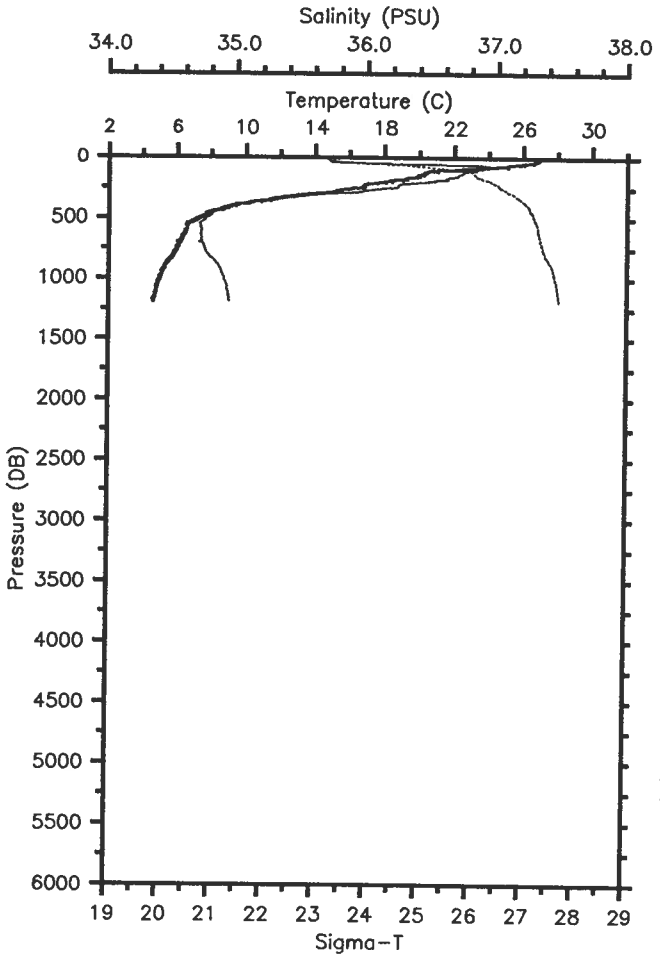

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.81 | 35.954 | 23.83 |
| 10 | 25.79 | 35.960 | 23.84 |
| 20 | 25.49 | 36.004 | 23.97 |
| 30 | 25.33 | 36.047 | 24.05 |
| 40 | 25.29 | 36.057 | 24.07 |

RES-STACS24-86 CTD 30 RESEARCHER
Date 04 09 86 Latitude 11.678 N
Time 2012 Z Longitude 63.562 W



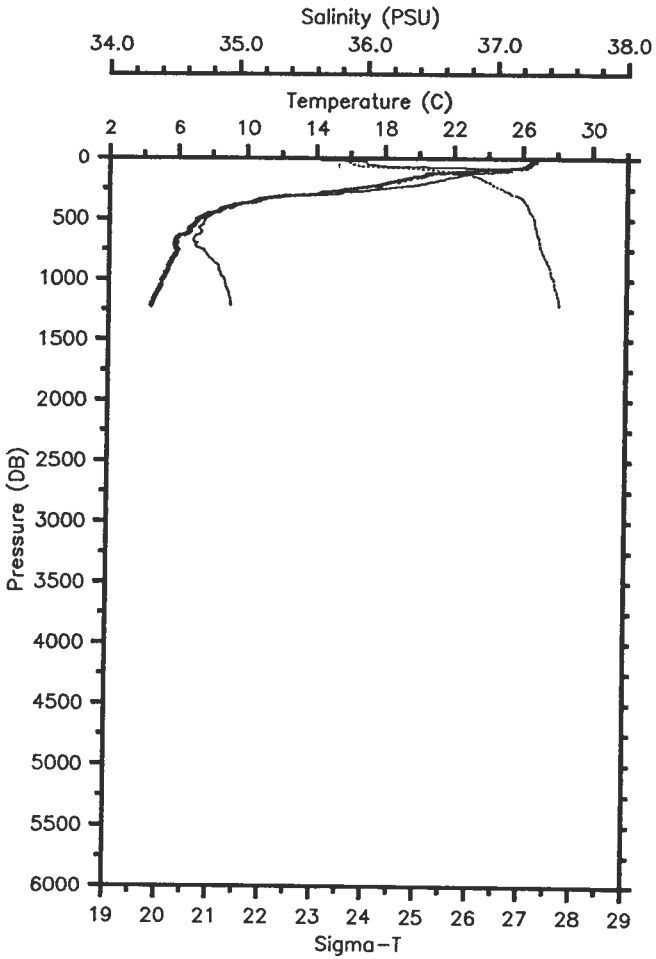

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.59 | 35.725 | 23.42 |
| 10 | 26.59 | 35.723 | 23.41 |
| 20 | 26.45 | 35.729 | 23.46 |
| 30 | 25.88 | 35.896 | 23.62 |
| 40 | 25.88 | 36.039 | 23.88 |
| 50 | 23.75 | 36.459 | 24.84 |
| 60 | 22.78 | 36.608 | 25.24 |
| 70 | 20.61 | 36.631 | 25.86 |
| 80 | 20.64 | 36.776 | 25.96 |
| 90 | 20.53 | 36.796 | 26.01 |
| 100 | 20.05 | 36.717 | 26.08 |
| 110 | 19.72 | 36.682 | 26.12 |
| 120 | 19.12 | 36.572 | 26.21 |
| 130 | 19.01 | 36.566 | 26.23 |
| 140 | 18.59 | 36.504 | 26.29 |
| 150 | 18.17 | 36.448 | 26.35 |
| 160 | 18.18 | 36.441 | 26.35 |
| 170 | 17.71 | 36.387 | 26.42 |
| 180 | 17.30 | 36.313 | 26.47 |
| 190 | 17.11 | 36.290 | 26.49 |
| 200 | 16.99 | 36.273 | 26.51 |
| 250 | 15.60 | 36.040 | 26.66 |
| 300 | 14.14 | 35.792 | 26.79 |
| 350 | 13.36 | 35.646 | 26.84 |
| 400 | 10.44 | 35.153 | 27.01 |
| 450 | 8.36 | 34.893 | 27.16 |
| 500 | 6.91 | 34.712 | 27.23 |
| 550 | 6.89 | 34.728 | 27.24 |
| 560 | 6.84 | 34.727 | 27.25 |

RES-STACS24-86 CTD 31 RESEARCHER
Date 04 09 86 Latitude 11.838 N
Time 2147 Z Longitude 63.538 W




| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.91 | 35.681 | 23.28 |
| 10 | 26.89 | 35.653 | 23.27 |
| 20 | 26.80 | 35.697 | 23.33 |
| 30 | 26.72 | 35.714 | 23.37 |
| 40 | 26.44 | 35.752 | 23.48 |
| 50 | 25.97 | 36.147 | 23.93 |
| 60 | 25.29 | 36.730 | 24.58 |
| 70 | 24.92 | 36.946 | 24.86 |
| 80 | 23.82 | 36.922 | 25.17 |
| 90 | 22.70 | 36.883 | 25.47 |
| 100 | 22.03 | 36.835 | 25.62 |
| 110 | 20.98 | 36.838 | 25.92 |
| 120 | 20.42 | 36.745 | 26.00 |
| 130 | 20.28 | 36.731 | 26.02 |
| 140 | 20.13 | 36.717 | 26.05 |
| 150 | 19.96 | 36.692 | 26.08 |
| 160 | 19.81 | 36.678 | 26.11 |
| 170 | 19.29 | 36.609 | 26.19 |
| 180 | 19.10 | 36.599 | 26.23 |
| 190 | 18.40 | 36.503 | 26.34 |
| 200 | 18.07 | 36.457 | 26.39 |
| 250 | 16.52 | 36.193 | 26.56 |
| 300 | 13.67 | 35.685 | 26.80 |
| 350 | 11.40 | 35.308 | 26.96 |
| 400 | 9.25 | 34.995 | 27.09 |
| 450 | 7.96 | 34.828 | 27.16 |
| 500 | 7.29 | 34.764 | 27.21 |
| 550 | 6.60 | 34.709 | 27.26 |
| 600 | 6.54 | 34.721 | 27.28 |
| 650 | 6.35 | 34.719 | 27.31 |
| 700 | 6.15 | 34.714 | 27.33 |
| 750 | 6.00 | 34.747 | 27.37 |
| 800 | 5.82 | 34.772 | 27.42 |
| 850 | 5.54 | 34.821 | 27.49 |
| 900 | 5.31 | 34.858 | 27.55 |
| 950 | 5.15 | 34.881 | 27.58 |
| 1000 | 5.03 | 34.899 | 27.61 |
| 1186 | 4.62 | 34.938 | 27.69 |

RES-STACS24-86 CTD 32 RESEARCHER
Date 04 10 86 Latitude 12.031 N
Time 0033 Z Longitude 63.596 W

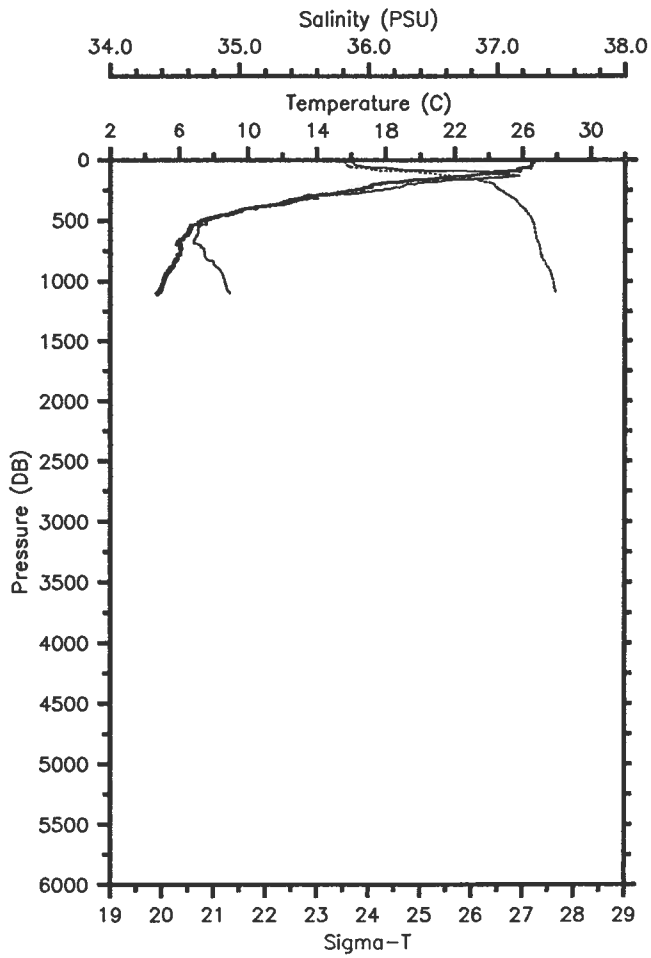



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.74 | 35.629 | 23.30 |
| 10 | 26.75 | 35.629 | 23.29 |
| 20 | 26.74 | 35.633 | 23.30 |
| 30 | 26.53 | 35.990 | 23.63 |
| 40 | 26.47 | 35.990 | 23.65 |
| 50 | 26.42 | 35.998 | 23.67 |
| 60 | 26.24 | 36.074 | 23.79 |
| 70 | 26.07 | 36.251 | 23.98 |
| 80 | 25.84 | 36.926 | 24.56 |
| 90 | 24.39 | 36.989 | 25.05 |
| 100 | 23.38 | 37.038 | 25.39 |
| 110 | 22.45 | 37.053 | 25.67 |
| 120 | 21.49 | 36.874 | 25.80 |
| 130 | 20.49 | 36.717 | 25.96 |
| 140 | 20.34 | 36.738 | 26.01 |
| 150 | 19.97 | 36.696 | 26.08 |
| 160 | 19.50 | 36.630 | 26.15 |
| 170 | 19.25 | 36.597 | 26.19 |
| 180 | 18.86 | 36.548 | 26.26 |
| 190 | 18.75 | 36.533 | 26.27 |
| 200 | 18.26 | 36.465 | 26.35 |
| 250 | 16.22 | 36.133 | 26.59 |
| 300 | 13.73 | 35.711 | 26.81 |
| 350 | 10.52 | 35.180 | 27.02 |
| 400 | 9.01 | 34.959 | 27.10 |
| 450 | 8.09 | 34.836 | 27.15 |
| 500 | 7.17 | 34.746 | 27.22 |
| 550 | 6.94 | 34.726 | 27.23 |
| 600 | 6.66 | 34.711 | 27.26 |
| 650 | 5.99 | 34.665 | 27.31 |
| 700 | 5.93 | 34.682 | 27.33 |
| 750 | 5.95 | 34.716 | 27.36 |
| 800 | 5.82 | 34.760 | 27.41 |
| 850 | 5.62 | 34.805 | 27.47 |
| 900 | 5.45 | 34.847 | 27.52 |
| 950 | 5.29 | 34.861 | 27.55 |
| 1000 | 5.07 | 34.895 | 27.61 |
| 1216 | 4.47 | 34.947 | 27.71 |

RES-STACS24-86 CTD 33 RESEARCHER

Date 04 10 86 Latitude 12.172 N

Time 0223 Z Longitude 63.562 W

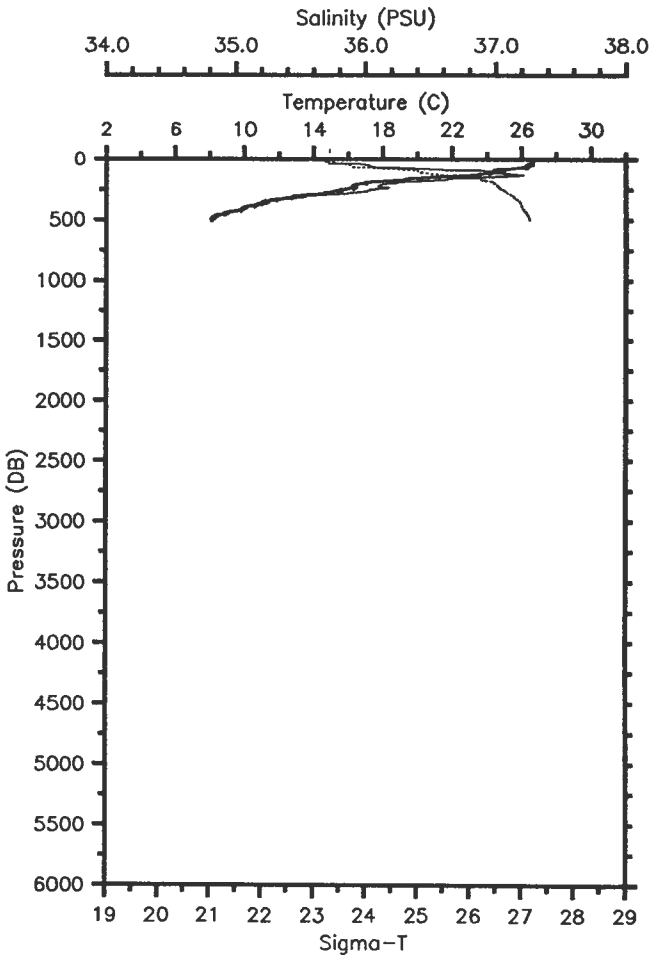



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.67 | 35.680 | 23.36 |
| 10 | 26.67 | 35.684 | 23.36 |
| 20 | 26.56 | 35.874 | 23.54 |
| 30 | 26.54 | 35.885 | 23.55 |
| 40 | 26.53 | 35.889 | 23.56 |
| 50 | 26.48 | 35.944 | 23.62 |
| 60 | 26.45 | 35.971 | 23.65 |
| 70 | 25.91 | 36.171 | 23.97 |
| 80 | 25.75 | 36.262 | 24.08 |
| 90 | 25.80 | 36.548 | 24.28 |
| 100 | 24.56 | 36.962 | 24.98 |
| 110 | 24.48 | 37.061 | 25.08 |
| 120 | 23.47 | 37.001 | 25.33 |
| 130 | 22.99 | 37.177 | 25.61 |
| 140 | 22.11 | 37.098 | 25.80 |
| 150 | 21.29 | 36.963 | 25.93 |
| 160 | 20.60 | 36.838 | 26.02 |
| 170 | 19.42 | 36.599 | 26.15 |
| 180 | 18.90 | 36.546 | 26.25 |
| 190 | 17.90 | 36.393 | 26.38 |
| 200 | 17.48 | 36.331 | 26.44 |
| 250 | 16.15 | 36.104 | 26.58 |
| 300 | 13.39 | 35.554 | 26.76 |
| 350 | 12.07 | 35.411 | 26.91 |
| 400 | 10.10 | 35.098 | 27.03 |
| 450 | 8.74 | 34.930 | 27.12 |
| 500 | 7.36 | 34.758 | 27.20 |
| 550 | 6.73 | 34.692 | 27.23 |
| 600 | 6.54 | 34.682 | 27.25 |
| 650 | 6.25 | 34.660 | 27.27 |
| 700 | 6.02 | 34.689 | 27.33 |
| 750 | 6.09 | 34.729 | 27.35 |
| 800 | 5.93 | 34.736 | 27.37 |
| 850 | 5.71 | 34.802 | 27.45 |
| 900 | 5.49 | 34.843 | 27.51 |
| 950 | 5.22 | 34.875 | 27.57 |
| 1000 | 5.10 | 34.890 | 27.60 |
| 1100 | 4.76 | 34.927 | 27.67 |

RES-STACS24-86 CTD 34 RESEARCHER

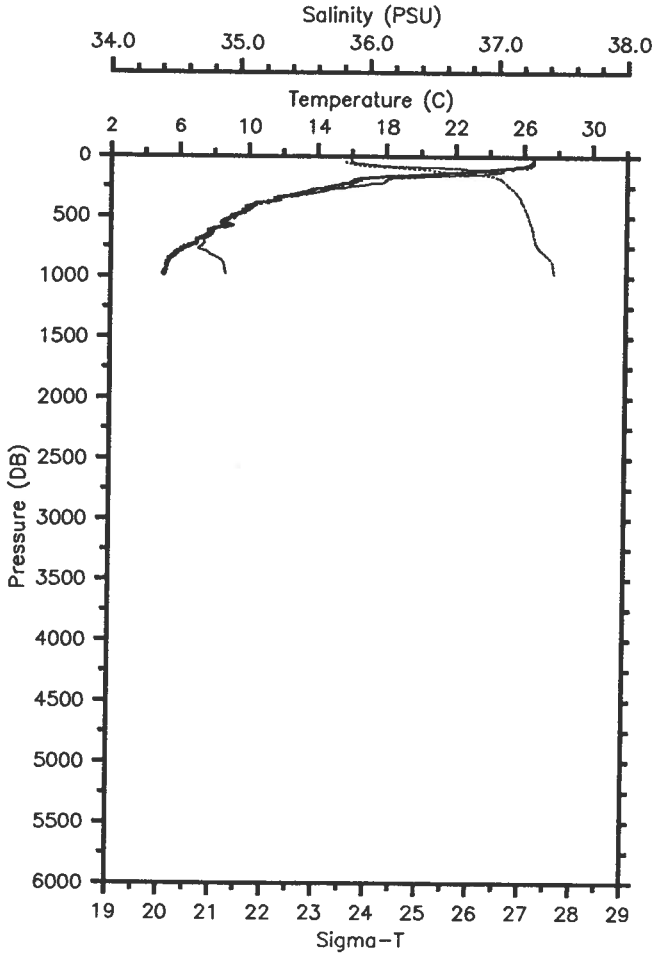
Date 04 10 86 Latitude 12.337 N

Time 0412 Z Longitude 63.550 W



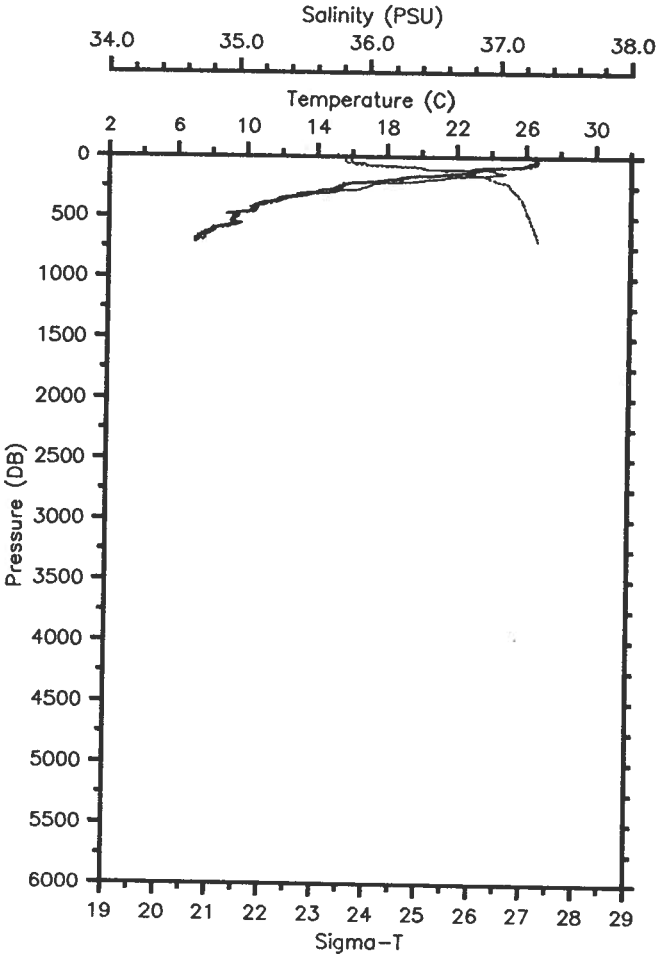

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.62 | 35.691 | 23.38 |
| 10 | 26.62 | 35.691 | 23.38 |
| 20 | 26.62 | 35.691 | 23.38 |
| 30 | 26.63 | 35.711 | 23.39 |
| 40 | 26.49 | 35.928 | 23.60 |
| 50 | 26.34 | 36.021 | 23.72 |
| 60 | 26.30 | 36.040 | 23.74 |
| 70 | 26.06 | 36.151 | 23.90 |
| 80 | 25.07 | 36.467 | 24.45 |
| 90 | 24.45 | 36.635 | 24.76 |
| 100 | 24.63 | 37.056 | 25.03 |
| 110 | 24.32 | 37.003 | 25.08 |
| 120 | 23.78 | 37.072 | 25.29 |
| 130 | 23.48 | 37.205 | 25.49 |
| 140 | 22.40 | 37.136 | 25.75 |
| 150 | 20.94 | 36.926 | 25.99 |
| 160 | 19.60 | 36.687 | 26.17 |
| 170 | 19.27 | 36.627 | 26.21 |
| 180 | 18.30 | 36.470 | 26.34 |
| 190 | 17.20 | 36.270 | 26.46 |
| 200 | 16.98 | 36.223 | 26.48 |
| 250 | 15.84 | 36.064 | 26.62 |
| 300 | 13.41 | 35.833 | 26.82 |
| 350 | 11.20 | 35.260 | 26.96 |
| 400 | 10.04 | 35.074 | 27.02 |
| 450 | 8.83 | 34.922 | 27.10 |
| 500 | 8.10 | 34.837 | 27.15 |

RES-STACS24-86 CTD 35 RESEARCHER
Date 04 10 86 Latitude 12.515 N
Time 0556 Z Longitude 63.498 W



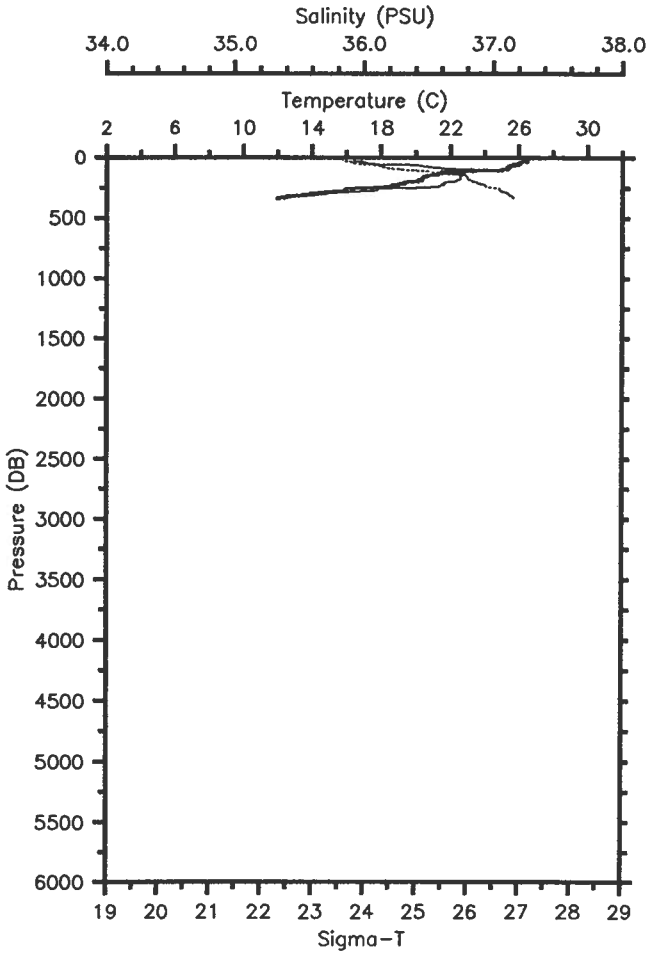

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.54 | 35.858 | 23.53 |
| 10 | 26.55 | 35.857 | 23.53 |
| 20 | 26.55 | 35.857 | 23.53 |
| 30 | 26.56 | 35.858 | 23.53 |
| 40 | 26.56 | 35.859 | 23.53 |
| 50 | 26.53 | 35.877 | 23.55 |
| 60 | 26.45 | 35.929 | 23.61 |
| 70 | 26.29 | 36.015 | 23.73 |
| 80 | 26.14 | 36.085 | 23.83 |
| 90 | 25.49 | 36.430 | 24.29 |
| 100 | 24.81 | 36.708 | 24.71 |
| 110 | 23.98 | 36.870 | 25.08 |
| 120 | 23.06 | 36.918 | 25.39 |
| 130 | 22.13 | 37.010 | 25.73 |
| 140 | 21.22 | 36.949 | 25.94 |
| 150 | 20.04 | 36.785 | 26.13 |
| 160 | 18.80 | 36.579 | 26.30 |
| 170 | 17.72 | 36.394 | 26.43 |
| 180 | 16.52 | 36.168 | 26.54 |
| 190 | 16.44 | 36.155 | 26.55 |
| 200 | 16.19 | 36.119 | 26.58 |
| 250 | 14.78 | 35.881 | 26.72 |
| 300 | 13.14 | 35.591 | 26.84 |
| 350 | 11.53 | 35.315 | 26.94 |
| 400 | 10.32 | 35.094 | 26.99 |
| 450 | 9.76 | 35.034 | 27.04 |
| 500 | 9.21 | 34.978 | 27.09 |
| 550 | 8.44 | 34.869 | 27.12 |
| 600 | 8.03 | 34.839 | 27.16 |
| 650 | 7.63 | 34.786 | 27.18 |
| 700 | 7.03 | 34.720 | 27.21 |
| 750 | 6.53 | 34.707 | 27.27 |
| 800 | 5.88 | 34.754 | 27.40 |
| 850 | 5.41 | 34.836 | 27.52 |
| 900 | 5.29 | 34.876 | 27.56 |
| 950 | 5.20 | 34.886 | 27.58 |
| 978 | 5.11 | 34.894 | 27.60 |

RES-STACS24-86 CTD 36 RESEARCHER
Date 04 10 86 Latitude 12.760 N
Time 1027 Z Longitude 63.533 W



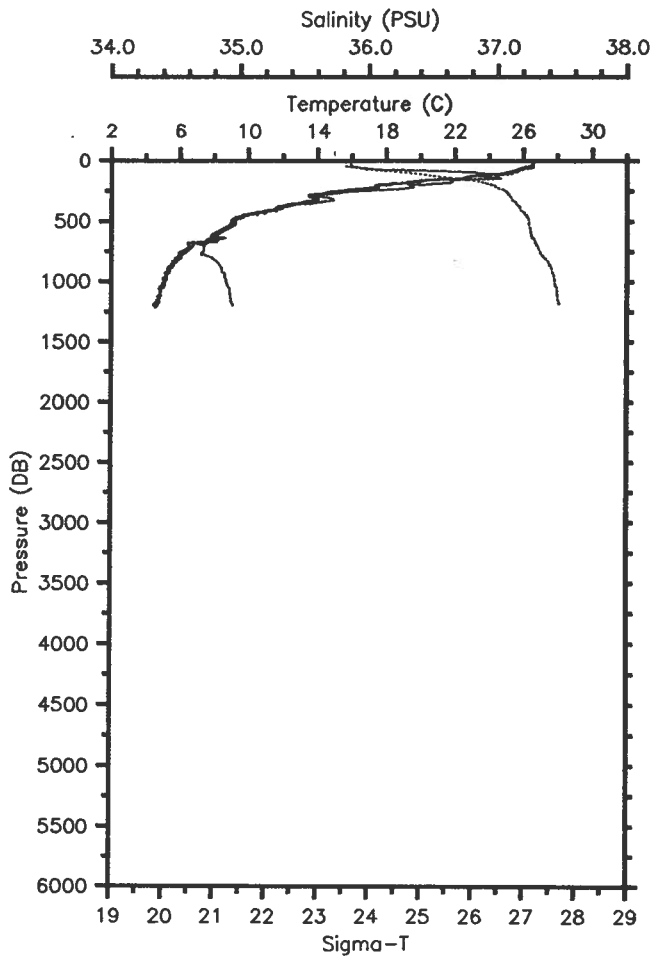

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.55 | 35.859 | 23.53 |
| 10 | 26.54 | 35.859 | 23.53 |
| 20 | 26.54 | 35.859 | 23.53 |
| 30 | 26.55 | 35.860 | 23.53 |
| 40 | 26.55 | 35.861 | 23.53 |
| 50 | 26.55 | 35.869 | 23.54 |
| 60 | 26.24 | 35.969 | 23.71 |
| 70 | 26.10 | 36.007 | 23.78 |
| 80 | 25.35 | 36.337 | 24.26 |
| 90 | 24.04 | 36.421 | 24.72 |
| 100 | 22.99 | 36.403 | 25.02 |
| 110 | 23.20 | 36.945 | 25.37 |
| 120 | 22.98 | 36.956 | 25.44 |
| 130 | 22.56 | 36.977 | 25.58 |
| 140 | 22.14 | 37.028 | 25.74 |
| 150 | 21.24 | 36.953 | 25.93 |
| 160 | 19.94 | 36.766 | 26.14 |
| 170 | 19.13 | 36.627 | 26.25 |
| 180 | 18.82 | 36.573 | 26.29 |
| 190 | 18.17 | 36.466 | 26.37 |
| 200 | 17.82 | 36.407 | 26.41 |
| 250 | 15.29 | 35.984 | 26.68 |
| 300 | 13.82 | 35.704 | 26.79 |
| 350 | 11.95 | 35.377 | 26.91 |
| 400 | 10.73 | 35.148 | 26.96 |
| 450 | 10.35 | 35.115 | 27.00 |
| 500 | 9.33 | 34.962 | 27.05 |
| 550 | 9.13 | 34.964 | 27.09 |
| 600 | 8.07 | 34.826 | 27.15 |
| 650 | 7.49 | 34.774 | 27.19 |
| 700 | 6.99 | 34.725 | 27.22 |

RES-STACS24-86 CTD 37 RESEARCHER
Date 04 10 86 Latitude 13.002 N
Time 1305 Z Longitude 63.546 W



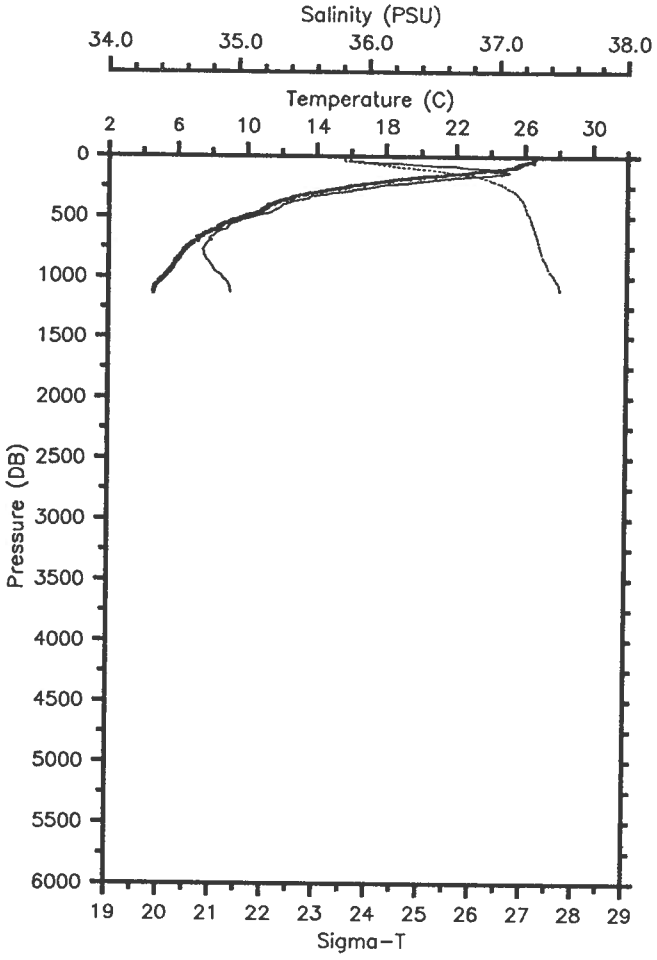

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.52 | 35.926 | 23.59 |
| 10 | 26.52 | 35.923 | 23.59 |
| 20 | 26.52 | 35.923 | 23.59 |
| 30 | 26.51 | 35.924 | 23.59 |
| 40 | 26.11 | 35.992 | 23.77 |
| 50 | 25.98 | 36.031 | 23.84 |
| 60 | 25.79 | 36.233 | 24.05 |
| 70 | 25.48 | 36.444 | 24.30 |
| 80 | 25.41 | 36.514 | 24.38 |
| 90 | 25.32 | 36.612 | 24.48 |
| 100 | 25.08 | 36.861 | 24.74 |
| 110 | 23.44 | 36.627 | 25.06 |
| 120 | 22.45 | 36.626 | 25.34 |
| 130 | 21.58 | 36.651 | 25.61 |
| 140 | 21.24 | 36.759 | 25.79 |
| 150 | 20.67 | 36.739 | 25.92 |
| 160 | 20.44 | 36.741 | 25.99 |
| 170 | 20.39 | 36.744 | 26.01 |
| 180 | 20.35 | 36.741 | 26.01 |
| 190 | 20.12 | 36.717 | 26.06 |
| 200 | 19.70 | 36.673 | 26.13 |
| 250 | 17.47 | 36.396 | 26.49 |
| 300 | 13.89 | 35.721 | 26.79 |
| 340 | 12.01 | 35.382 | 26.90 |

RES-STACS24-86 CTD 38 RESEARCHER
Date 04 10 86 Latitude 13.245 N
Time 1447 Z Longitude 63.532 W



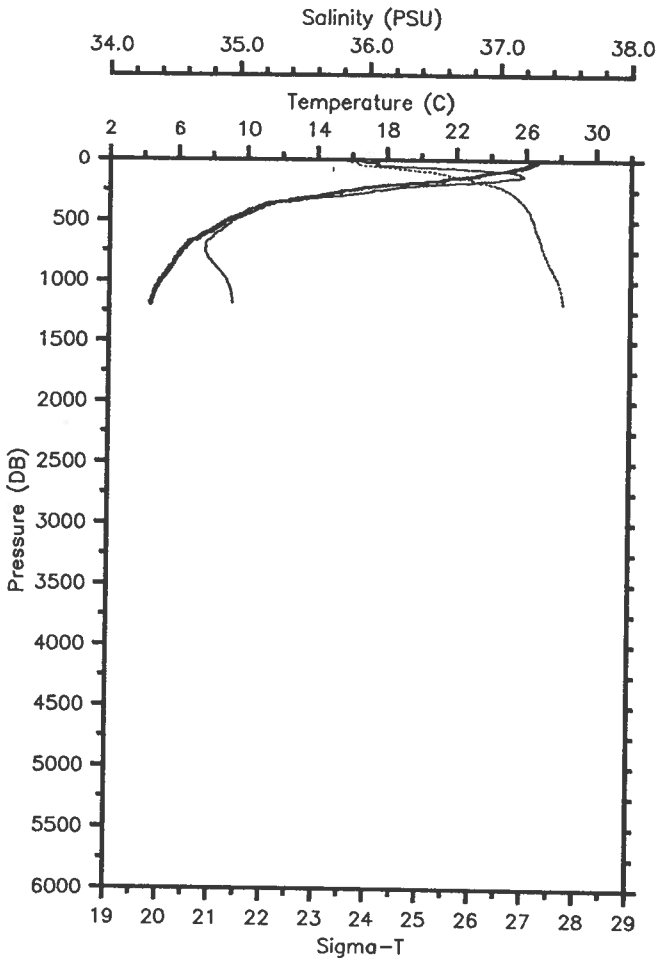

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.53 | 35.860 | 23.54 |
| 10 | 26.53 | 35.860 | 23.53 |
| 20 | 26.52 | 35.860 | 23.54 |
| 30 | 26.52 | 35.860 | 23.54 |
| 40 | 26.52 | 35.860 | 23.54 |
| 50 | 26.39 | 35.883 | 23.60 |
| 60 | 26.17 | 35.967 | 23.73 |
| 70 | 25.80 | 36.003 | 23.87 |
| 80 | 25.60 | 36.355 | 24.20 |
| 90 | 25.33 | 36.634 | 24.49 |
| 100 | 25.11 | 36.867 | 24.74 |
| 110 | 24.56 | 36.936 | 24.96 |
| 120 | 23.63 | 36.828 | 25.15 |
| 130 | 22.89 | 36.865 | 25.40 |
| 140 | 22.62 | 37.011 | 25.59 |
| 150 | 22.20 | 37.006 | 25.70 |
| 160 | 20.40 | 36.627 | 25.91 |
| 170 | 19.97 | 36.647 | 26.04 |
| 180 | 19.33 | 36.637 | 26.20 |
| 190 | 18.70 | 36.550 | 26.30 |
| 200 | 17.83 | 36.386 | 26.39 |
| 250 | 15.41 | 35.994 | 26.66 |
| 300 | 13.78 | 35.645 | 26.75 |
| 350 | 13.06 | 35.584 | 26.85 |
| 400 | 11.60 | 35.319 | 26.93 |
| 450 | 9.76 | 35.056 | 27.06 |
| 500 | 9.03 | 34.962 | 27.10 |
| 550 | 8.75 | 34.928 | 27.12 |
| 600 | 8.11 | 34.829 | 27.14 |
| 650 | 7.73 | 34.841 | 27.21 |
| 700 | 6.68 | 34.721 | 27.26 |
| 750 | 6.28 | 34.716 | 27.31 |
| 800 | 5.97 | 34.777 | 27.40 |
| 850 | 5.58 | 34.832 | 27.49 |
| 900 | 5.36 | 34.856 | 27.54 |
| 950 | 5.15 | 34.880 | 27.58 |
| 1000 | 5.08 | 34.892 | 27.60 |
| 1202 | 4.56 | 34.943 | 27.70 |

RES-STACS24-86 CTD 39 RESEARCHER
Date 04 10 86 Latitude 13.492 N
Time 1640 Z Longitude 63.557 W



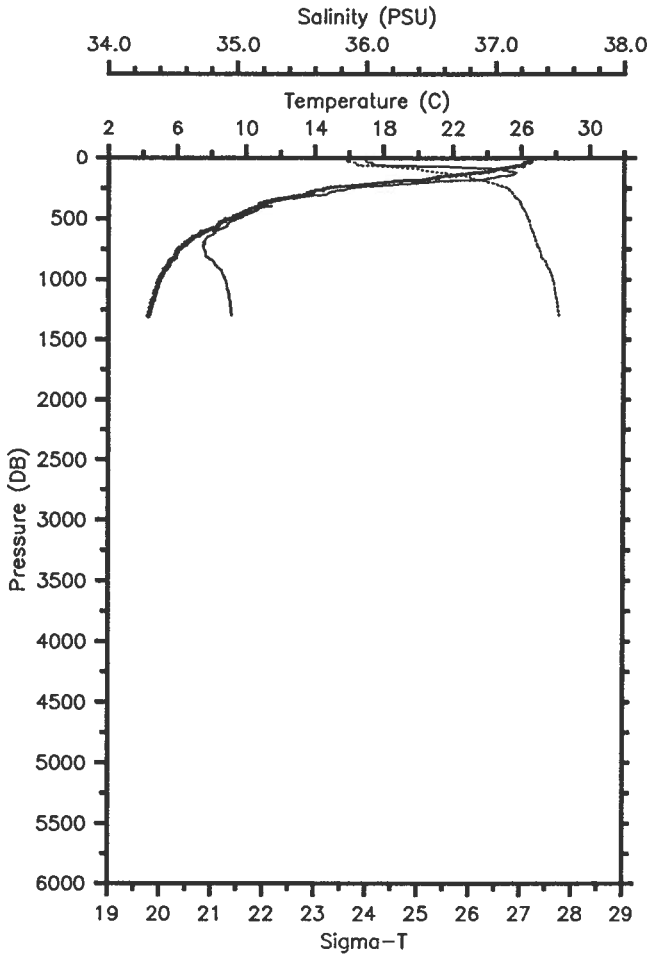

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.60 | 35.854 | 23.51 |
| 10 | 26.57 | 35.847 | 23.51 |
| 20 | 26.52 | 35.853 | 23.53 |
| 30 | 26.52 | 35.853 | 23.54 |
| 40 | 26.51 | 35.855 | 23.54 |
| 50 | 26.06 | 35.945 | 23.75 |
| 60 | 25.82 | 36.144 | 23.97 |
| 70 | 25.63 | 36.392 | 24.22 |
| 80 | 25.60 | 36.575 | 24.37 |
| 90 | 25.27 | 36.708 | 24.57 |
| 100 | 24.92 | 36.867 | 24.80 |
| 110 | 24.26 | 36.972 | 25.07 |
| 120 | 23.42 | 36.927 | 25.29 |
| 130 | 22.96 | 37.055 | 25.52 |
| 140 | 22.45 | 37.074 | 25.68 |
| 150 | 21.53 | 36.970 | 25.86 |
| 160 | 20.90 | 36.879 | 25.97 |
| 170 | 19.91 | 36.729 | 26.12 |
| 180 | 19.36 | 36.634 | 26.19 |
| 190 | 18.84 | 36.566 | 26.28 |
| 200 | 18.28 | 36.466 | 26.34 |
| 250 | 15.84 | 36.063 | 26.62 |
| 300 | 13.93 | 35.779 | 26.82 |
| 350 | 12.51 | 35.535 | 26.92 |
| 400 | 11.33 | 35.346 | 27.00 |
| 450 | 10.85 | 35.274 | 27.03 |
| 500 | 9.83 | 35.124 | 27.10 |
| 550 | 8.90 | 34.980 | 27.14 |
| 600 | 8.27 | 34.913 | 27.19 |
| 650 | 7.49 | 34.818 | 27.23 |
| 700 | 7.15 | 34.792 | 27.25 |
| 750 | 6.59 | 34.741 | 27.29 |
| 800 | 6.27 | 34.735 | 27.33 |
| 850 | 6.03 | 34.750 | 27.37 |
| 900 | 5.78 | 34.790 | 27.44 |
| 950 | 5.57 | 34.817 | 27.48 |
| 1000 | 5.21 | 34.878 | 27.57 |
| 1126 | 4.60 | 34.940 | 27.70 |

RES-STACS24-86 CTD 40 RESEARCHER
Date 04 10 86 Latitude 13.748 N
Time 1921 Z Longitude 63.560 W



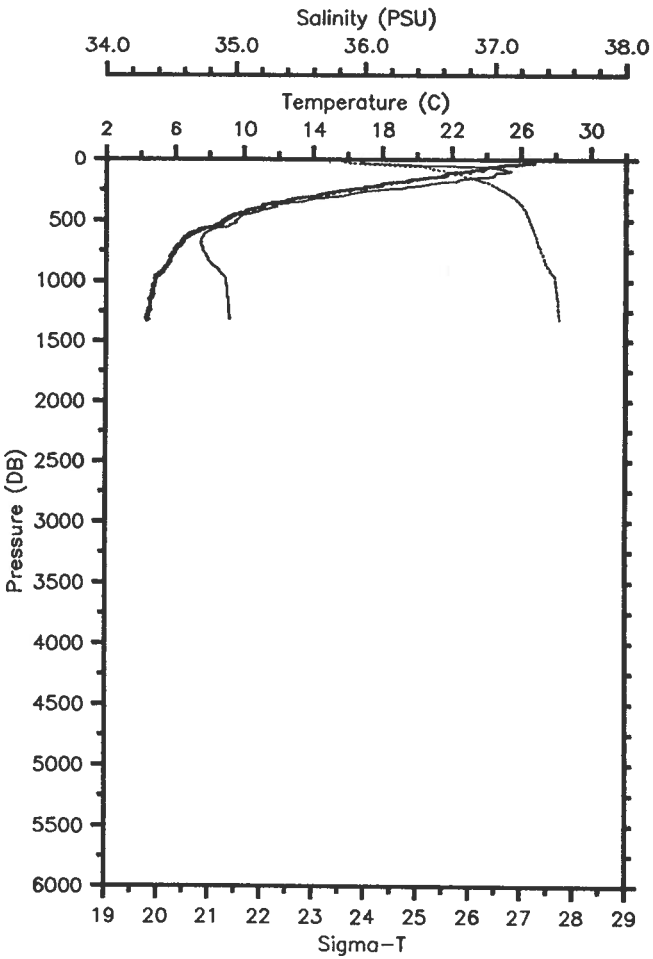

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.62 | 35.937 | 23.56 |
| 10 | 26.63 | 35.932 | 23.56 |
| 20 | 26.51 | 35.935 | 23.60 |
| 30 | 26.35 | 36.069 | 23.75 |
| 40 | 26.19 | 36.059 | 23.79 |
| 50 | 26.02 | 36.077 | 23.86 |
| 60 | 25.75 | 36.278 | 24.09 |
| 70 | 25.39 | 36.608 | 24.46 |
| 80 | 25.16 | 36.835 | 24.70 |
| 90 | 24.86 | 36.960 | 24.88 |
| 100 | 24.10 | 37.097 | 25.22 |
| 110 | 23.71 | 37.147 | 25.37 |
| 120 | 23.36 | 37.160 | 25.49 |
| 130 | 23.10 | 37.185 | 25.58 |
| 140 | 22.50 | 37.165 | 25.74 |
| 150 | 21.81 | 37.089 | 25.88 |
| 160 | 21.29 | 36.998 | 25.95 |
| 170 | 21.11 | 36.977 | 25.99 |
| 180 | 20.32 | 36.825 | 26.08 |
| 190 | 19.64 | 36.701 | 26.17 |
| 200 | 18.69 | 36.548 | 26.30 |
| 250 | 15.95 | 36.096 | 26.62 |
| 300 | 14.09 | 35.795 | 26.80 |
| 350 | 11.80 | 35.357 | 26.92 |
| 400 | 10.55 | 35.188 | 27.02 |
| 450 | 9.74 | 35.087 | 27.08 |
| 500 | 8.83 | 34.968 | 27.14 |
| 550 | 8.30 | 34.904 | 27.17 |
| 600 | 7.71 | 34.842 | 27.21 |
| 650 | 7.16 | 34.792 | 27.25 |
| 700 | 6.52 | 34.742 | 27.30 |
| 750 | 6.22 | 34.740 | 27.34 |
| 800 | 5.93 | 34.758 | 27.39 |
| 850 | 5.75 | 34.790 | 27.44 |
| 900 | 5.49 | 34.835 | 27.51 |
| 950 | 5.26 | 34.875 | 27.57 |
| 1000 | 4.97 | 34.907 | 27.63 |
| 1188 | 4.41 | 34.953 | 27.73 |

RES-STACS24-86 CTD 41 RESEARCHER
Date 04 10 86 Latitude 14.015 N
Time 2224 Z Longitude 63.563 W



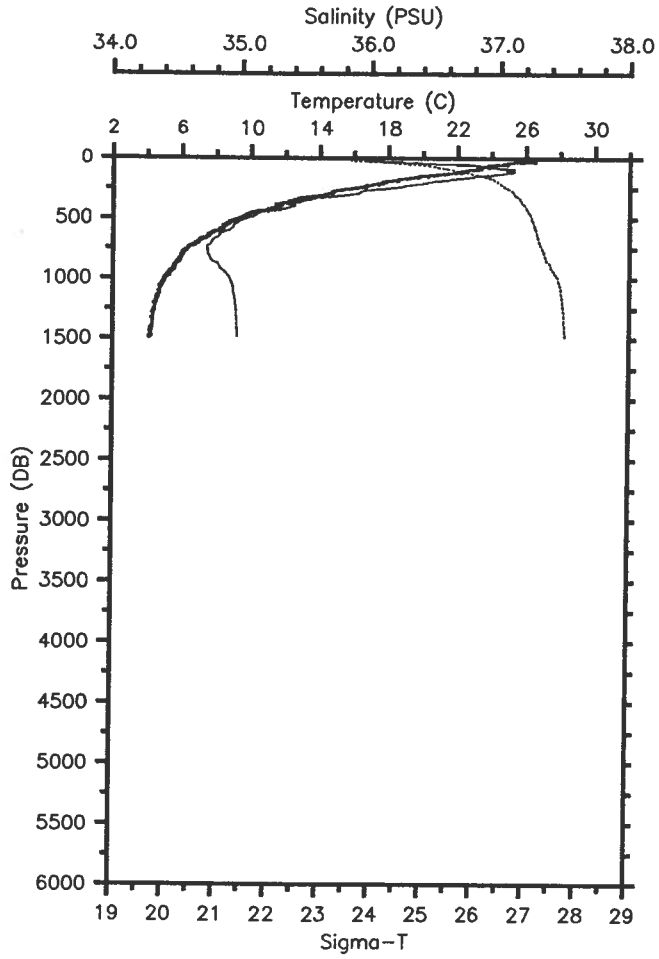

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.58 | 35.991 | 23.62 |
| 10 | 26.58 | 35.991 | 23.62 |
| 20 | 26.58 | 35.992 | 23.62 |
| 30 | 26.54 | 35.995 | 23.64 |
| 40 | 26.19 | 36.041 | 23.78 |
| 50 | 26.16 | 36.044 | 23.79 |
| 60 | 26.09 | 36.085 | 23.84 |
| 70 | 25.58 | 36.540 | 24.35 |
| 80 | 25.16 | 36.821 | 24.69 |
| 90 | 24.67 | 37.005 | 24.98 |
| 100 | 24.42 | 37.054 | 25.09 |
| 110 | 24.11 | 37.102 | 25.22 |
| 120 | 23.65 | 37.155 | 25.40 |
| 130 | 22.68 | 37.153 | 25.68 |
| 140 | 22.24 | 37.124 | 25.78 |
| 150 | 21.53 | 37.039 | 25.92 |
| 160 | 21.12 | 37.002 | 26.00 |
| 170 | 20.67 | 36.936 | 26.08 |
| 180 | 20.32 | 36.877 | 26.13 |
| 190 | 18.77 | 36.592 | 26.31 |
| 200 | 18.19 | 36.488 | 26.38 |
| 250 | 14.65 | 35.879 | 26.74 |
| 300 | 13.57 | 35.694 | 26.83 |
| 350 | 11.48 | 35.336 | 26.97 |
| 400 | 10.86 | 35.256 | 27.02 |
| 450 | 9.82 | 35.113 | 27.09 |
| 500 | 9.05 | 35.010 | 27.14 |
| 550 | 8.40 | 34.924 | 27.17 |
| 600 | 7.71 | 34.838 | 27.21 |
| 650 | 6.93 | 34.767 | 27.27 |
| 700 | 6.47 | 34.735 | 27.30 |
| 750 | 6.09 | 34.741 | 27.36 |
| 800 | 5.93 | 34.753 | 27.39 |
| 850 | 5.59 | 34.815 | 27.48 |
| 900 | 5.43 | 34.846 | 27.52 |
| 950 | 5.18 | 34.885 | 27.58 |
| 1000 | 5.00 | 34.905 | 27.62 |
| 1302 | 4.34 | 34.957 | 27.74 |

RES-STACS24-86 CTD 42 RESEARCHER
Date 04 11 86 Latitude 14.340 N
Time 0032 Z Longitude 63.536 W



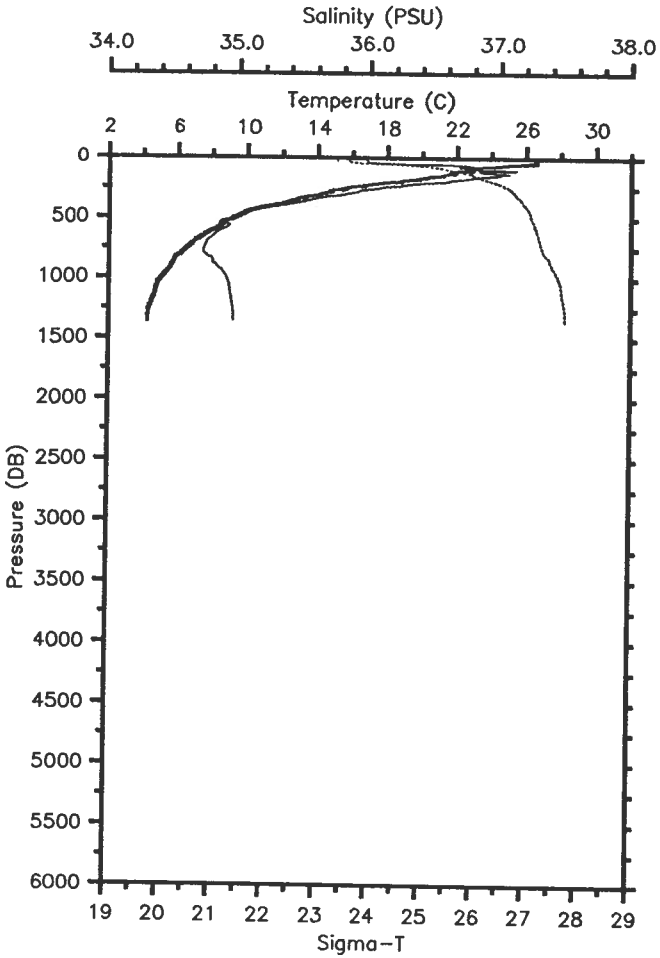

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.76 | 35.949 | 23.53 |
| 10 | 26.77 | 35.946 | 23.53 |
| 20 | 26.69 | 35.984 | 23.58 |
| 30 | 26.44 | 35.976 | 23.65 |
| 40 | 25.91 | 36.177 | 23.97 |
| 50 | 24.85 | 36.412 | 24.47 |
| 60 | 24.62 | 36.856 | 24.88 |
| 70 | 23.85 | 37.011 | 25.23 |
| 80 | 23.78 | 37.066 | 25.29 |
| 90 | 23.27 | 37.084 | 25.45 |
| 100 | 23.00 | 37.119 | 25.56 |
| 110 | 22.16 | 37.077 | 25.77 |
| 120 | 21.73 | 36.998 | 25.83 |
| 130 | 21.60 | 36.991 | 25.86 |
| 140 | 21.42 | 36.984 | 25.90 |
| 150 | 20.72 | 36.879 | 26.02 |
| 160 | 20.23 | 36.802 | 26.09 |
| 170 | 19.64 | 36.718 | 26.19 |
| 180 | 19.41 | 36.713 | 26.24 |
| 190 | 18.65 | 36.597 | 26.35 |
| 200 | 18.10 | 36.505 | 26.42 |
| 250 | 16.11 | 36.142 | 26.62 |
| 300 | 14.28 | 35.842 | 26.80 |
| 350 | 12.32 | 35.520 | 26.95 |
| 400 | 10.86 | 35.285 | 27.04 |
| 450 | 9.65 | 35.108 | 27.11 |
| 500 | 8.90 | 35.008 | 27.16 |
| 550 | 8.33 | 34.950 | 27.20 |
| 600 | 7.12 | 34.782 | 27.25 |
| 650 | 6.53 | 34.736 | 27.30 |
| 700 | 6.33 | 34.733 | 27.32 |
| 750 | 5.99 | 34.747 | 27.37 |
| 800 | 5.76 | 34.776 | 27.43 |
| 850 | 5.64 | 34.805 | 27.47 |
| 900 | 5.37 | 34.859 | 27.54 |
| 950 | 5.04 | 34.899 | 27.61 |
| 1000 | 4.84 | 34.922 | 27.65 |
| 1320 | 4.38 | 34.956 | 27.73 |

RES-STACS24-86 CTD 43 RESEARCHER
Date 04 11 86 Latitude 14.677 N
Time 0324 Z Longitude 63.537 W




| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.56 | 35.952 | 23.60 |
| 10 | 26.55 | 35.952 | 23.60 |
| 20 | 26.55 | 35.953 | 23.60 |
| 30 | 26.02 | 36.067 | 23.85 |
| 40 | 24.99 | 36.368 | 24.40 |
| 50 | 24.86 | 36.725 | 24.71 |
| 60 | 23.84 | 36.655 | 24.96 |
| 70 | 23.79 | 36.965 | 25.21 |
| 80 | 23.29 | 36.925 | 25.33 |
| 90 | 23.22 | 37.085 | 25.47 |
| 100 | 22.61 | 37.045 | 25.62 |
| 110 | 22.29 | 37.088 | 25.74 |
| 120 | 21.96 | 37.089 | 25.84 |
| 130 | 21.34 | 37.007 | 25.95 |
| 140 | 20.83 | 36.961 | 26.05 |
| 150 | 19.85 | 36.800 | 26.19 |
| 160 | 19.53 | 36.772 | 26.25 |
| 170 | 18.99 | 36.674 | 26.32 |
| 180 | 18.55 | 36.605 | 26.38 |
| 190 | 18.14 | 36.526 | 26.42 |
| 200 | 17.73 | 36.447 | 26.46 |
| 250 | 15.94 | 36.135 | 26.65 |
| 300 | 14.40 | 35.859 | 26.78 |
| 350 | 12.53 | 35.505 | 26.89 |
| 400 | 11.63 | 35.401 | 26.99 |
| 450 | 10.14 | 35.149 | 27.06 |
| 500 | 9.38 | 35.041 | 27.11 |
| 550 | 8.62 | 34.948 | 27.16 |
| 600 | 8.18 | 34.908 | 27.19 |
| 650 | 7.50 | 34.822 | 27.23 |
| 700 | 6.96 | 34.768 | 27.26 |
| 750 | 6.34 | 34.727 | 27.31 |
| 800 | 6.06 | 34.735 | 27.36 |
| 850 | 5.88 | 34.762 | 27.40 |
| 900 | 5.60 | 34.820 | 27.48 |
| 950 | 5.32 | 34.864 | 27.55 |
| 1000 | 5.04 | 34.904 | 27.62 |
| 1482 | 4.18 | 34.967 | 27.76 |

RES-STACS24-86 CTD 44 RESEARCHER
Date 04 11 86 Latitude 15.005 N
Time 0655 Z Longitude 63.543 W

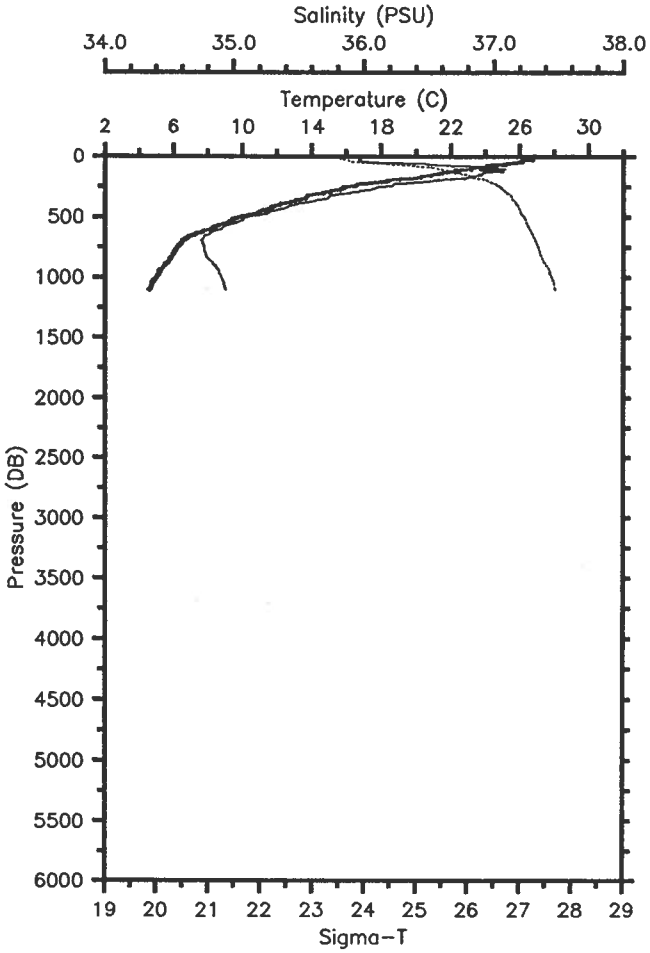



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.61 | 35.976 | 23.60 |
| 10 | 26.62 | 35.975 | 23.59 |
| 20 | 26.62 | 35.976 | 23.60 |
| 30 | 26.61 | 35.977 | 23.60 |
| 40 | 26.44 | 35.983 | 23.66 |
| 50 | 25.83 | 36.210 | 24.02 |
| 60 | 24.87 | 36.713 | 24.69 |
| 70 | 24.04 | 36.812 | 25.02 |
| 80 | 22.82 | 36.700 | 25.29 |
| 90 | 22.58 | 36.780 | 25.42 |
| 100 | 22.86 | 37.099 | 25.58 |
| 110 | 21.98 | 36.878 | 25.67 |
| 120 | 21.63 | 36.874 | 25.76 |
| 130 | 21.86 | 37.067 | 25.85 |
| 140 | 21.26 | 36.995 | 25.96 |
| 150 | 20.87 | 36.936 | 26.02 |
| 160 | 20.30 | 36.825 | 26.09 |
| 170 | 19.94 | 36.761 | 26.14 |
| 180 | 19.31 | 36.670 | 26.23 |
| 190 | 18.84 | 36.606 | 26.31 |
| 200 | 18.44 | 36.555 | 26.37 |
| 250 | 15.72 | 36.082 | 26.66 |
| 300 | 14.28 | 35.827 | 26.78 |
| 350 | 12.72 | 35.554 | 26.90 |
| 400 | 11.32 | 35.325 | 26.99 |
| 450 | 9.89 | 35.090 | 27.06 |
| 500 | 9.20 | 34.988 | 27.10 |
| 550 | 8.43 | 34.890 | 27.14 |
| 600 | 8.04 | 34.873 | 27.19 |
| 650 | 7.48 | 34.809 | 27.22 |
| 700 | 6.91 | 34.754 | 27.26 |
| 750 | 6.52 | 34.732 | 27.29 |
| 800 | 6.18 | 34.734 | 27.34 |
| 850 | 5.78 | 34.798 | 27.44 |
| 900 | 5.61 | 34.827 | 27.49 |
| 950 | 5.36 | 34.874 | 27.55 |
| 1000 | 5.03 | 34.906 | 27.62 |
| 1352 | 4.26 | 34.958 | 27.75 |

RES-STACS24-86 CTD 45 RESEARCHER

Date 04 11 86 Latitude 15.340 N

Time 1014 Z Longitude 63.548 W

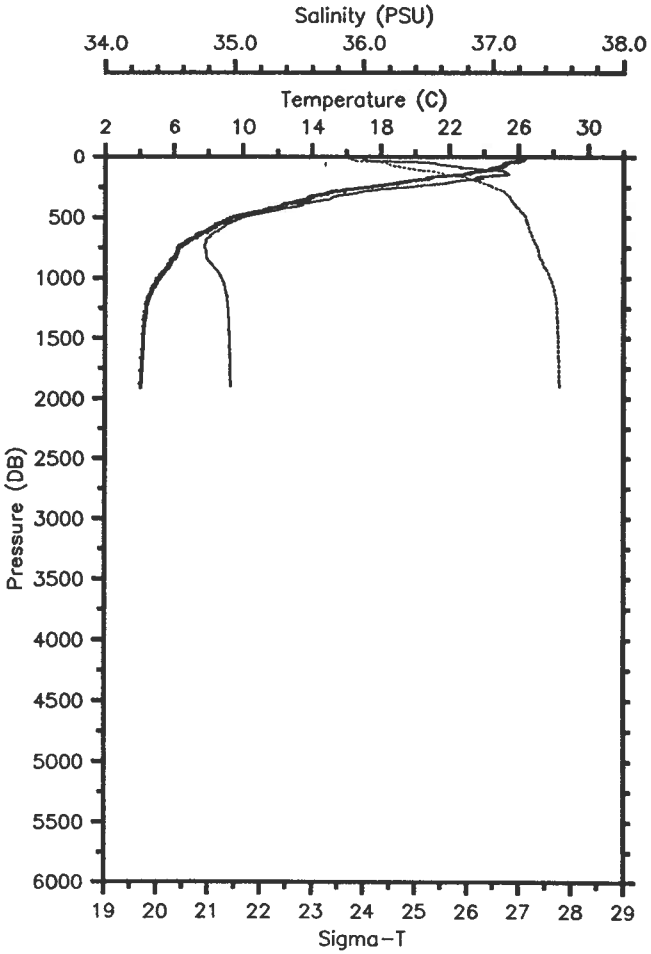



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.75 | 35.975 | 23.55 |
| 10 | 26.75 | 35.975 | 23.55 |
| 20 | 26.76 | 35.975 | 23.55 |
| 30 | 26.37 | 35.962 | 23.66 |
| 40 | 26.14 | 35.972 | 23.74 |
| 50 | 25.93 | 36.085 | 23.89 |
| 60 | 25.39 | 36.381 | 24.28 |
| 70 | 24.56 | 36.490 | 24.62 |
| 80 | 24.16 | 36.788 | 24.97 |
| 90 | 24.05 | 37.032 | 25.18 |
| 100 | 23.21 | 36.997 | 25.41 |
| 110 | 22.87 | 37.011 | 25.51 |
| 120 | 22.45 | 37.044 | 25.66 |
| 130 | 21.87 | 36.968 | 25.77 |
| 140 | 21.44 | 36.915 | 25.85 |
| 150 | 21.05 | 36.885 | 25.93 |
| 160 | 20.74 | 36.876 | 26.01 |
| 170 | 20.35 | 36.841 | 26.09 |
| 180 | 19.95 | 36.780 | 26.15 |
| 190 | 18.95 | 36.641 | 26.30 |
| 200 | 18.41 | 36.552 | 26.38 |
| 250 | 16.09 | 36.150 | 26.63 |
| 300 | 14.68 | 35.901 | 26.75 |
| 350 | 13.56 | 35.712 | 26.85 |
| 400 | 12.13 | 35.480 | 26.96 |
| 450 | 11.09 | 35.306 | 27.02 |
| 500 | 9.87 | 35.122 | 27.09 |
| 550 | 9.13 | 35.024 | 27.14 |
| 600 | 8.20 | 34.908 | 27.19 |
| 650 | 7.16 | 34.806 | 27.26 |
| 700 | 6.54 | 34.752 | 27.31 |
| 750 | 6.25 | 34.770 | 27.36 |
| 800 | 6.02 | 34.780 | 27.40 |
| 850 | 5.82 | 34.804 | 27.44 |
| 900 | 5.53 | 34.850 | 27.51 |
| 950 | 5.20 | 34.887 | 27.58 |
| 1000 | 5.03 | 34.905 | 27.62 |
| 1102 | 4.61 | 34.940 | 27.69 |

RES-STACS24-86 CTD 46 RESEARCHER

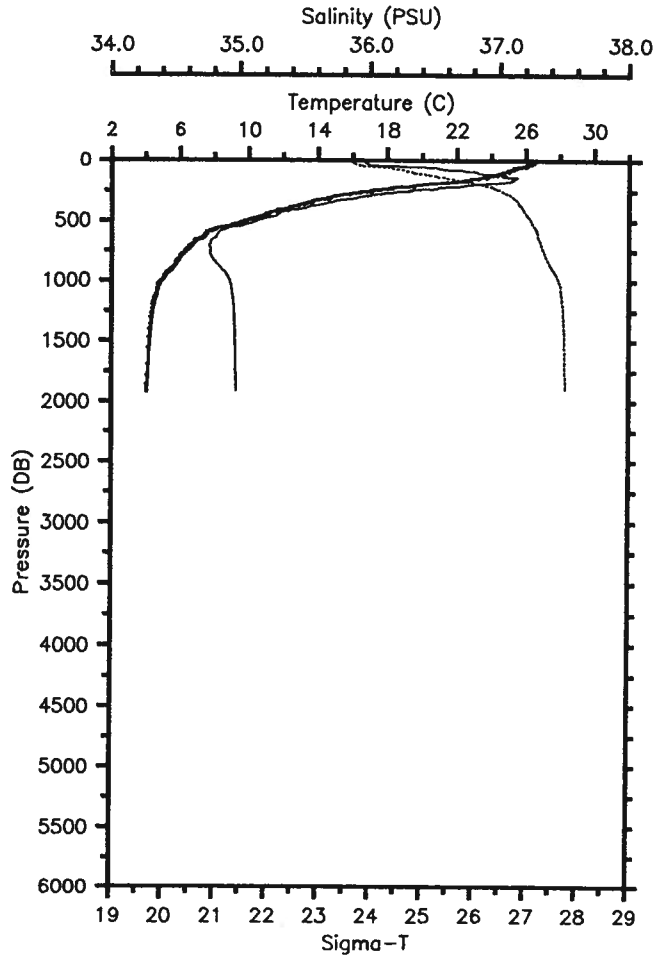
Date 04 11 86 Latitude 15.667 N

Time 1430 Z Longitude 63.478 W



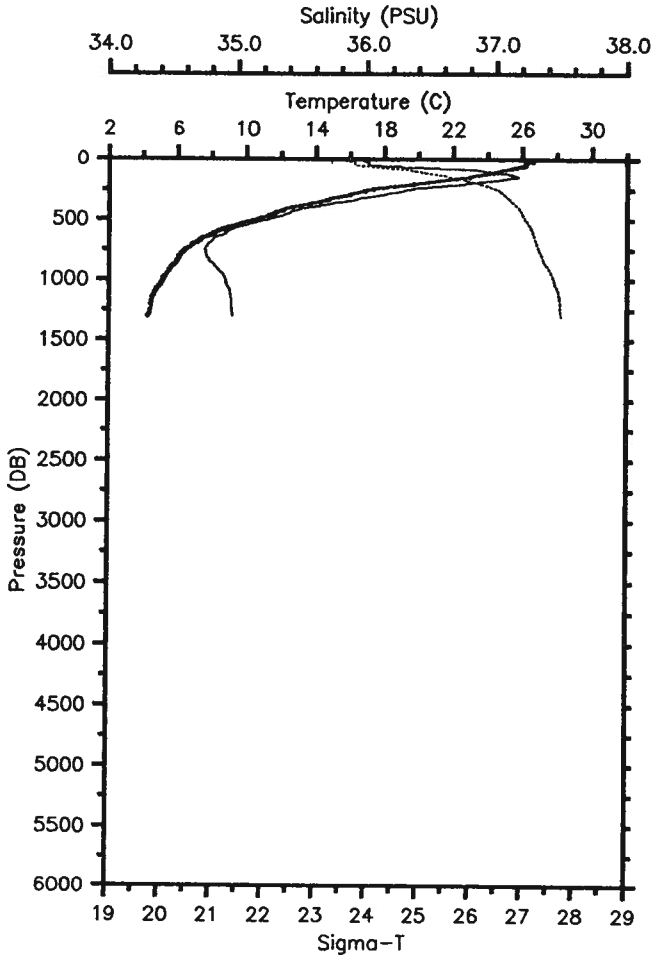

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.32 | 35.995 | 23.70 |
| 10 | 26.32 | 35.992 | 23.70 |
| 20 | 26.26 | 35.998 | 23.73 |
| 30 | 26.07 | 36.024 | 23.80 |
| 40 | 25.89 | 36.191 | 23.99 |
| 50 | 25.40 | 36.492 | 24.37 |
| 60 | 25.21 | 36.563 | 24.48 |
| 70 | 25.18 | 36.620 | 24.53 |
| 80 | 24.97 | 36.693 | 24.65 |
| 90 | 24.73 | 36.764 | 24.78 |
| 100 | 24.50 | 36.874 | 24.93 |
| 110 | 24.36 | 36.977 | 25.05 |
| 120 | 23.82 | 37.084 | 25.29 |
| 130 | 23.29 | 37.099 | 25.46 |
| 140 | 23.07 | 37.110 | 25.53 |
| 150 | 22.80 | 37.127 | 25.62 |
| 160 | 22.01 | 37.053 | 25.79 |
| 170 | 20.99 | 36.874 | 25.94 |
| 180 | 20.84 | 36.921 | 26.02 |
| 190 | 20.30 | 36.822 | 26.09 |
| 200 | 19.73 | 36.735 | 26.17 |
| 250 | 17.35 | 36.362 | 26.49 |
| 300 | 14.95 | 35.951 | 26.73 |
| 350 | 13.75 | 35.744 | 26.83 |
| 400 | 12.46 | 35.525 | 26.93 |
| 450 | 10.98 | 35.299 | 27.03 |
| 500 | 9.46 | 35.081 | 27.13 |
| 550 | 8.68 | 34.984 | 27.16 |
| 600 | 8.06 | 34.889 | 27.20 |
| 650 | 7.33 | 34.814 | 27.25 |
| 700 | 6.80 | 34.779 | 27.29 |
| 750 | 6.29 | 34.764 | 27.35 |
| 800 | 6.16 | 34.781 | 27.38 |
| 850 | 5.89 | 34.792 | 27.42 |
| 900 | 5.69 | 34.831 | 27.48 |
| 950 | 5.41 | 34.871 | 27.55 |
| 1000 | 5.16 | 34.896 | 27.60 |
| 1500 | 4.22 | 34.962 | 27.75 |
| 1900 | 4.08 | 34.972 | 27.78 |

RES-STACS24-86 CTD 47 RESEARCHER
Date 04 11 86 Latitude 16.010 N
Time 1708 Z Longitude 63.500 W



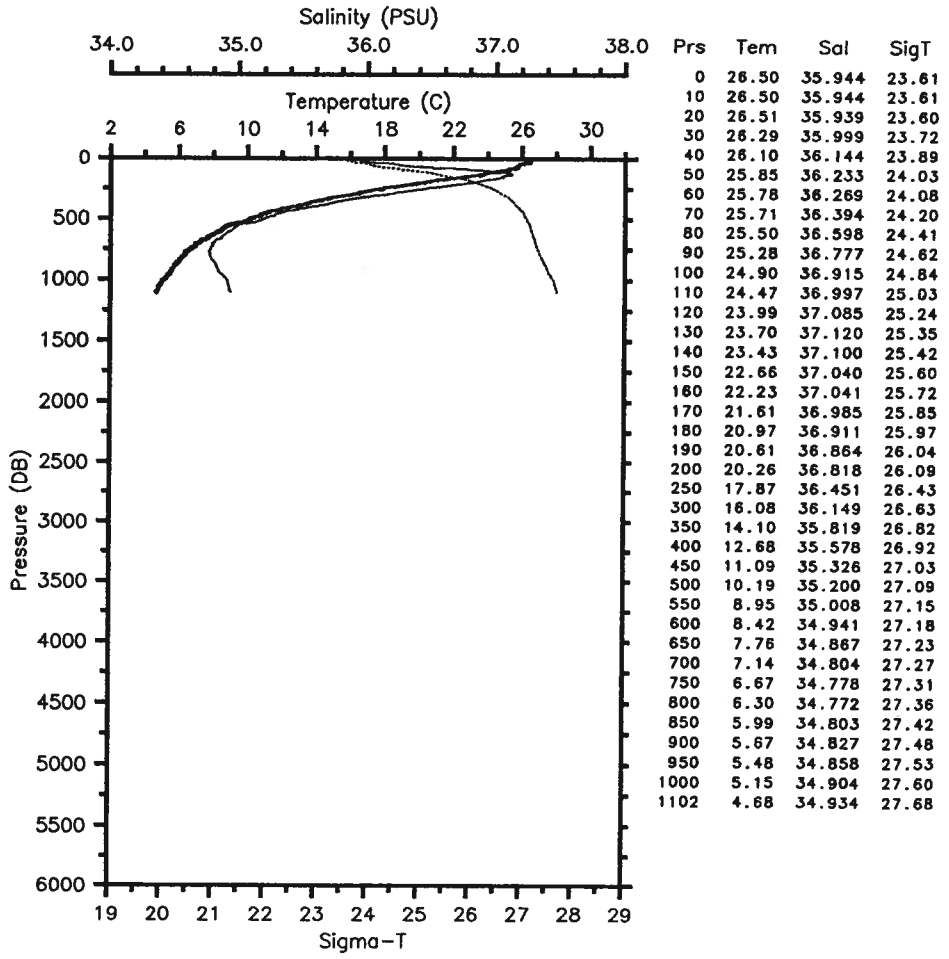

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.50 | 35.971 | 23.63 |
| 10 | 26.50 | 35.971 | 23.63 |
| 20 | 26.34 | 35.964 | 23.67 |
| 30 | 26.30 | 35.978 | 23.70 |
| 40 | 26.04 | 35.990 | 23.79 |
| 50 | 25.88 | 36.155 | 23.96 |
| 60 | 25.36 | 36.490 | 24.38 |
| 70 | 25.29 | 36.535 | 24.43 |
| 80 | 24.99 | 36.696 | 24.65 |
| 90 | 25.01 | 36.749 | 24.68 |
| 100 | 24.69 | 36.828 | 24.84 |
| 110 | 24.43 | 36.872 | 24.95 |
| 120 | 24.17 | 37.018 | 25.14 |
| 130 | 23.74 | 37.016 | 25.26 |
| 140 | 23.48 | 37.131 | 25.43 |
| 150 | 22.90 | 37.107 | 25.58 |
| 160 | 22.51 | 37.099 | 25.68 |
| 170 | 22.15 | 37.093 | 25.78 |
| 180 | 21.51 | 37.027 | 25.91 |
| 190 | 20.70 | 36.895 | 26.04 |
| 200 | 19.80 | 36.765 | 26.18 |
| 250 | 17.03 | 36.310 | 26.53 |
| 300 | 14.81 | 35.928 | 26.75 |
| 350 | 13.42 | 35.682 | 26.85 |
| 400 | 12.19 | 35.479 | 26.94 |
| 450 | 10.96 | 35.291 | 27.03 |
| 500 | 9.88 | 35.141 | 27.10 |
| 550 | 8.70 | 34.981 | 27.17 |
| 600 | 7.59 | 34.833 | 27.22 |
| 650 | 7.17 | 34.796 | 27.26 |
| 700 | 6.71 | 34.763 | 27.29 |
| 750 | 6.38 | 34.768 | 27.34 |
| 800 | 6.03 | 34.775 | 27.39 |
| 850 | 5.80 | 34.810 | 27.45 |
| 900 | 5.55 | 34.852 | 27.51 |
| 950 | 5.19 | 34.892 | 27.59 |
| 1000 | 4.90 | 34.919 | 27.64 |
| 1500 | 4.25 | 34.962 | 27.75 |
| 1910 | 4.08 | 34.971 | 27.78 |

RES-STACS24-86 CTD 48 RESEARCHER
Date 04 11 86 Latitude 16.488 N
Time 2015 Z Longitude 63.538 W



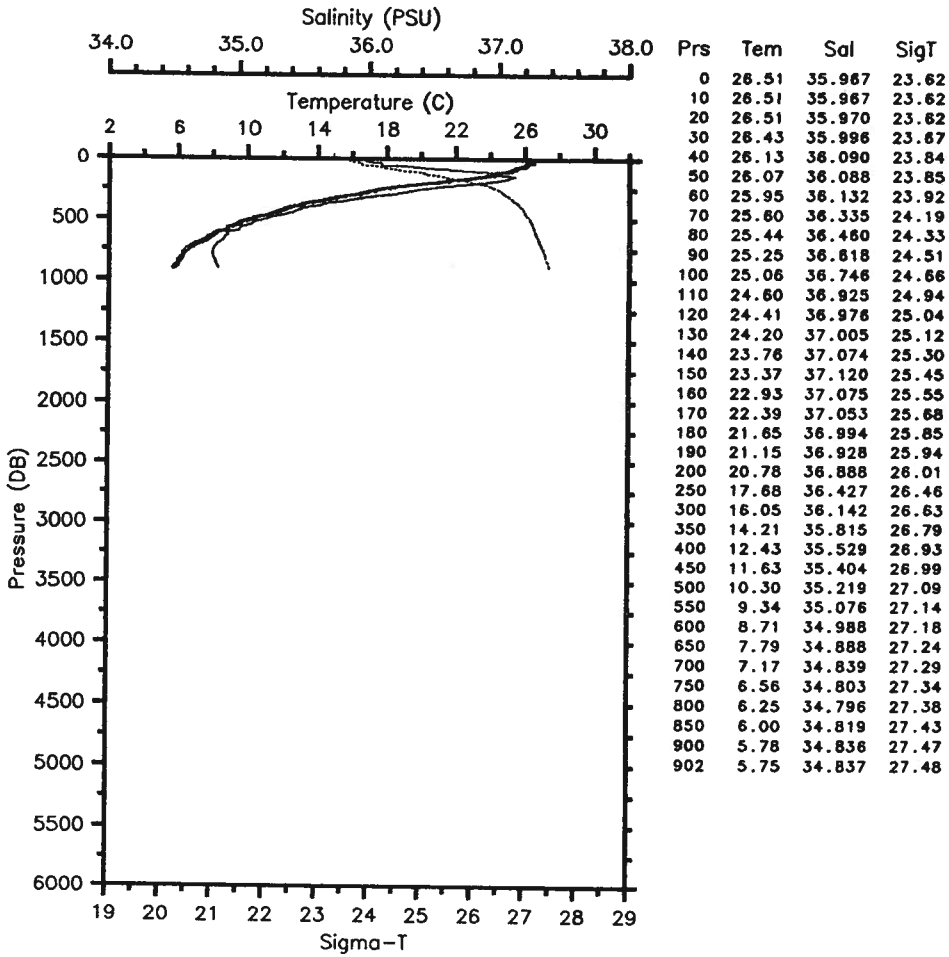

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.64 | 35.964 | 23.58 |
| 10 | 26.63 | 35.963 | 23.58 |
| 20 | 26.49 | 35.970 | 23.63 |
| 30 | 26.21 | 36.011 | 23.75 |
| 40 | 26.19 | 36.010 | 23.75 |
| 50 | 26.17 | 36.008 | 23.76 |
| 60 | 25.92 | 36.222 | 24.00 |
| 70 | 25.61 | 36.295 | 24.15 |
| 80 | 25.23 | 36.616 | 24.51 |
| 90 | 24.81 | 36.863 | 24.83 |
| 100 | 24.60 | 36.923 | 24.93 |
| 110 | 24.37 | 37.013 | 25.07 |
| 120 | 23.94 | 37.091 | 25.26 |
| 130 | 23.53 | 37.116 | 25.40 |
| 140 | 23.17 | 37.154 | 25.54 |
| 150 | 22.90 | 37.167 | 25.63 |
| 160 | 22.18 | 37.083 | 25.77 |
| 170 | 21.64 | 37.027 | 25.88 |
| 180 | 21.06 | 36.930 | 25.97 |
| 190 | 20.55 | 36.867 | 26.06 |
| 200 | 19.76 | 36.759 | 26.18 |
| 250 | 17.17 | 36.334 | 26.51 |
| 300 | 15.76 | 36.096 | 26.66 |
| 350 | 14.35 | 35.853 | 26.79 |
| 400 | 12.67 | 35.563 | 26.91 |
| 450 | 11.61 | 35.399 | 26.99 |
| 500 | 10.63 | 35.244 | 27.05 |
| 550 | 9.40 | 35.070 | 27.13 |
| 600 | 8.33 | 34.925 | 27.19 |
| 650 | 7.47 | 34.825 | 27.23 |
| 700 | 6.95 | 34.774 | 27.27 |
| 750 | 6.47 | 34.747 | 27.31 |
| 800 | 6.09 | 34.753 | 27.37 |
| 850 | 5.91 | 34.776 | 27.41 |
| 900 | 5.57 | 34.833 | 27.50 |
| 950 | 5.34 | 34.880 | 27.56 |
| 1000 | 5.15 | 34.904 | 27.60 |
| 1306 | 4.27 | 34.959 | 27.75 |

RES-STACS24-86 CTD 49 RESEARCHER
Date 04 12 86 Latitude 16.837 N
Time 0047 Z Longitude 63.540 W



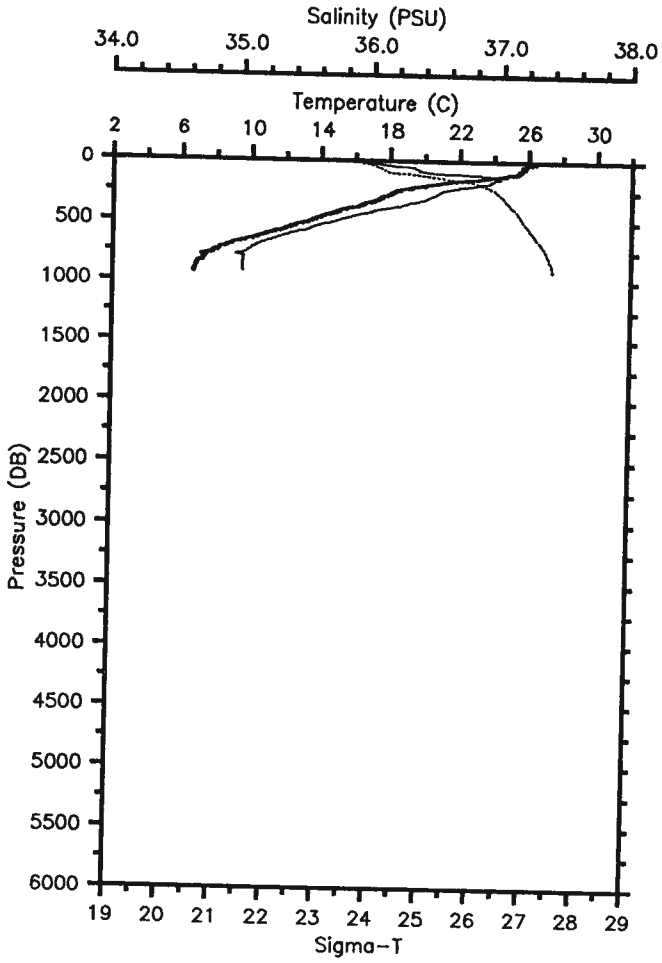

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.50 | 35.944 | 23.61 |
| 10 | 26.50 | 35.944 | 23.61 |
| 20 | 26.51 | 35.939 | 23.60 |
| 30 | 26.29 | 35.999 | 23.72 |
| 40 | 26.10 | 36.144 | 23.89 |
| 50 | 25.85 | 36.233 | 24.03 |
| 60 | 25.78 | 36.269 | 24.08 |
| 70 | 25.71 | 36.394 | 24.20 |
| 80 | 25.50 | 36.598 | 24.41 |
| 90 | 25.28 | 36.777 | 24.62 |
| 100 | 24.90 | 36.915 | 24.84 |
| 110 | 24.47 | 36.997 | 25.03 |
| 120 | 23.99 | 37.085 | 25.24 |
| 130 | 23.70 | 37.120 | 25.35 |
| 140 | 23.43 | 37.100 | 25.42 |
| 150 | 22.66 | 37.040 | 25.60 |
| 160 | 22.23 | 37.041 | 25.72 |
| 170 | 21.61 | 36.985 | 25.85 |
| 180 | 20.97 | 36.911 | 25.97 |
| 190 | 20.61 | 36.864 | 26.04 |
| 200 | 20.26 | 36.818 | 26.09 |
| 250 | 17.87 | 36.451 | 26.43 |
| 300 | 16.08 | 36.149 | 26.63 |
| 350 | 14.10 | 35.819 | 26.82 |
| 400 | 12.68 | 35.578 | 26.92 |
| 450 | 11.09 | 35.326 | 27.03 |
| 500 | 10.19 | 35.200 | 27.09 |
| 550 | 8.95 | 35.008 | 27.15 |
| 600 | 8.42 | 34.941 | 27.18 |
| 650 | 7.76 | 34.867 | 27.23 |
| 700 | 7.14 | 34.804 | 27.27 |
| 750 | 6.67 | 34.778 | 27.31 |
| 800 | 6.30 | 34.772 | 27.36 |
| 850 | 5.99 | 34.803 | 27.42 |
| 900 | 5.67 | 34.827 | 27.48 |
| 950 | 5.48 | 34.858 | 27.53 |
| 1000 | 5.15 | 34.904 | 27.60 |
| 1102 | 4.68 | 34.934 | 27.68 |

RES-STACS24-86 CTD 50 RESEARCHER
Date 04 12 86 Latitude 17.173 N
Time 0311 Z Longitude 63.549 W



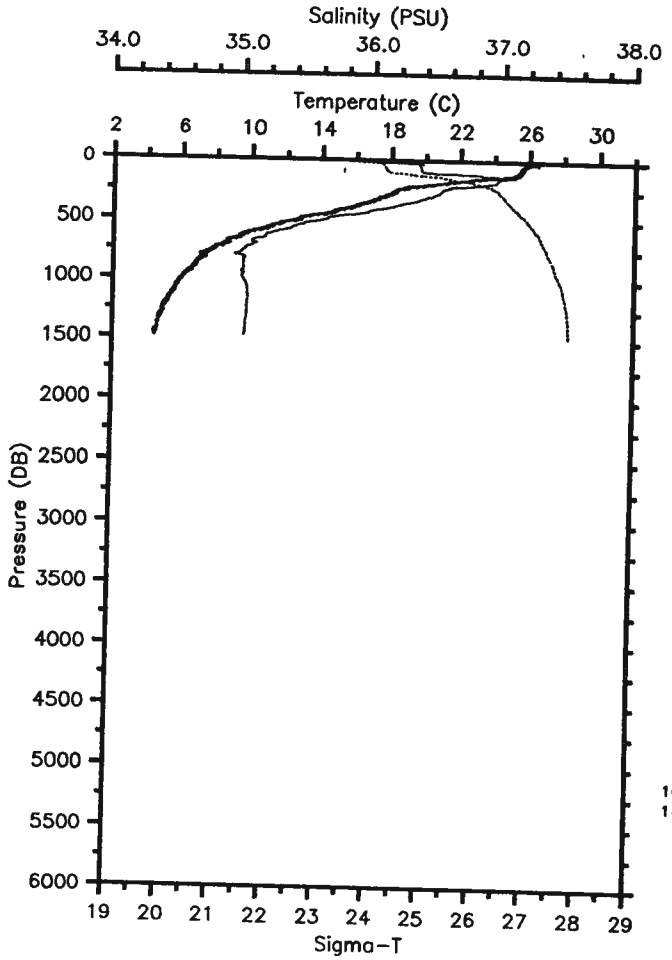

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.51 | 35.967 | 23.62 |
| 10 | 26.51 | 35.967 | 23.62 |
| 20 | 26.51 | 35.970 | 23.62 |
| 30 | 26.43 | 35.996 | 23.67 |
| 40 | 26.13 | 36.090 | 23.84 |
| 50 | 26.07 | 36.088 | 23.85 |
| 60 | 25.95 | 36.132 | 23.92 |
| 70 | 25.60 | 36.335 | 24.19 |
| 80 | 25.44 | 36.460 | 24.33 |
| 90 | 25.25 | 36.618 | 24.51 |
| 100 | 25.06 | 36.746 | 24.66 |
| 110 | 24.60 | 36.925 | 24.94 |
| 120 | 24.41 | 36.976 | 25.04 |
| 130 | 24.20 | 37.005 | 25.12 |
| 140 | 23.76 | 37.074 | 25.30 |
| 150 | 23.37 | 37.120 | 25.45 |
| 160 | 22.93 | 37.075 | 25.55 |
| 170 | 22.39 | 37.053 | 25.68 |
| 180 | 21.65 | 36.994 | 25.85 |
| 190 | 21.15 | 36.928 | 25.94 |
| 200 | 20.78 | 36.888 | 26.01 |
| 250 | 17.68 | 36.427 | 26.46 |
| 300 | 16.05 | 36.142 | 26.63 |
| 350 | 14.21 | 35.815 | 26.79 |
| 400 | 12.43 | 35.529 | 26.93 |
| 450 | 11.63 | 35.404 | 26.99 |
| 500 | 10.30 | 35.219 | 27.09 |
| 550 | 9.34 | 35.076 | 27.14 |
| 600 | 8.71 | 34.988 | 27.18 |
| 650 | 7.79 | 34.888 | 27.24 |
| 700 | 7.17 | 34.839 | 27.29 |
| 750 | 6.56 | 34.803 | 27.34 |
| 800 | 6.25 | 34.796 | 27.38 |
| 850 | 6.00 | 34.819 | 27.43 |
| 900 | 5.78 | 34.836 | 27.47 |
| 902 | 5.75 | 34.837 | 27.48 |

RES-STACS24-86 CTD 51 RESEARCHER
Date 04 12 86 Latitude 18.573 N
Time 2200 Z Longitude 66.120 W



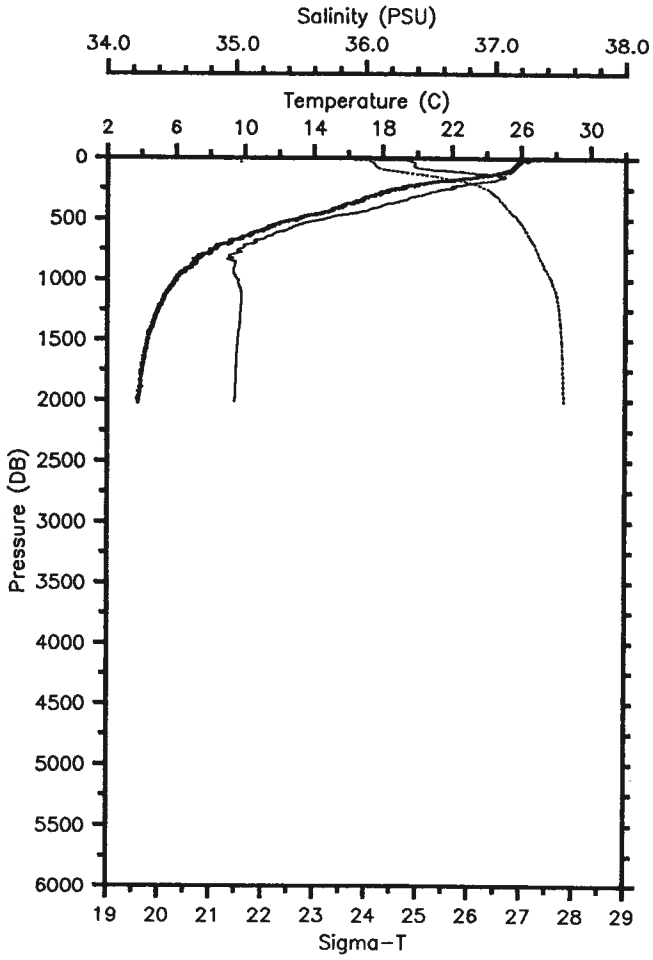

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.40 | 35.902 | 23.61 |
| 10 | 26.39 | 35.906 | 23.61 |
| 20 | 26.14 | 35.933 | 23.71 |
| 30 | 25.87 | 36.048 | 23.89 |
| 40 | 25.69 | 36.136 | 24.01 |
| 50 | 25.73 | 36.241 | 24.08 |
| 60 | 25.70 | 36.323 | 24.15 |
| 70 | 25.60 | 36.349 | 24.20 |
| 80 | 25.52 | 36.359 | 24.23 |
| 90 | 25.44 | 36.395 | 24.28 |
| 100 | 25.28 | 36.482 | 24.40 |
| 110 | 24.73 | 36.772 | 24.78 |
| 120 | 24.55 | 36.908 | 24.94 |
| 130 | 23.84 | 36.953 | 25.19 |
| 140 | 23.30 | 36.969 | 25.36 |
| 150 | 22.74 | 36.967 | 25.52 |
| 160 | 21.97 | 36.925 | 25.71 |
| 170 | 21.39 | 36.922 | 25.87 |
| 180 | 20.96 | 36.894 | 25.96 |
| 190 | 20.48 | 36.837 | 26.05 |
| 200 | 20.07 | 36.781 | 26.12 |
| 250 | 18.31 | 36.529 | 26.38 |
| 300 | 17.53 | 36.441 | 26.51 |
| 350 | 16.53 | 36.278 | 26.62 |
| 400 | 15.36 | 36.075 | 26.74 |
| 450 | 14.22 | 35.875 | 26.83 |
| 500 | 13.30 | 35.716 | 26.90 |
| 550 | 12.16 | 35.540 | 27.00 |
| 600 | 10.99 | 35.384 | 27.09 |
| 650 | 9.88 | 35.236 | 27.18 |
| 700 | 8.62 | 35.105 | 27.28 |
| 750 | 7.83 | 35.035 | 27.35 |
| 800 | 7.31 | 35.009 | 27.40 |
| 850 | 6.91 | 35.000 | 27.45 |
| 900 | 6.77 | 34.998 | 27.47 |
| 924 | 6.67 | 35.003 | 27.49 |

RES-STACS24-86 CTD 52 RESEARCHER
Date 04 13 86 Latitude 18.669 N
Time 0020 Z Longitude 66.117 W



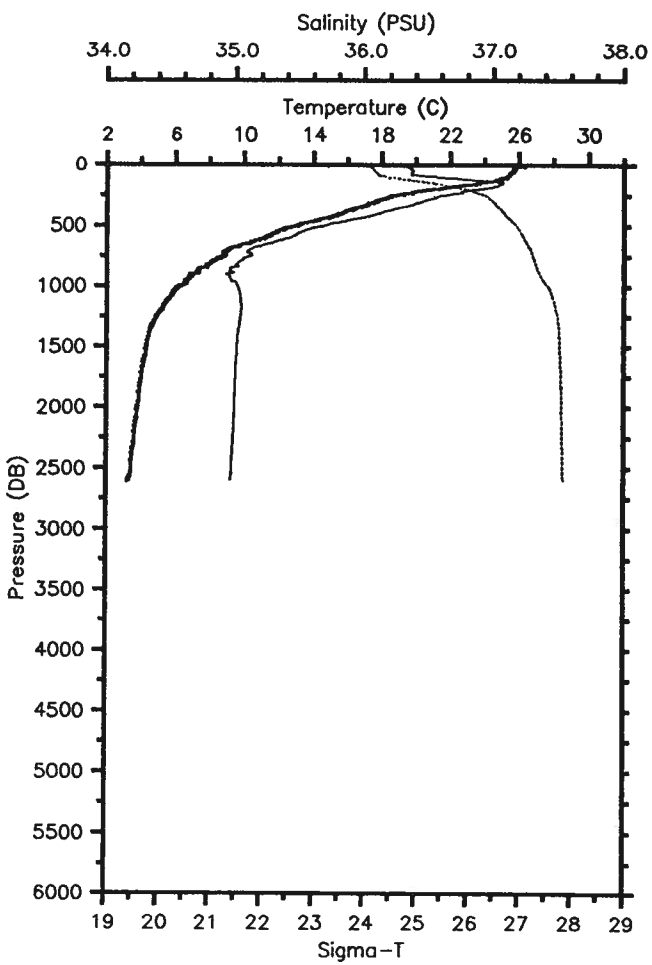

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.44 | 35.902 | 23.60 |
| 10 | 26.45 | 35.902 | 23.59 |
| 20 | 26.38 | 35.940 | 23.65 |
| 30 | 25.88 | 36.359 | 24.12 |
| 40 | 25.65 | 36.344 | 24.18 |
| 50 | 25.65 | 36.357 | 24.19 |
| 60 | 25.58 | 36.357 | 24.21 |
| 70 | 25.53 | 36.380 | 24.23 |
| 80 | 25.49 | 36.358 | 24.24 |
| 90 | 25.42 | 36.371 | 24.27 |
| 100 | 25.35 | 36.406 | 24.31 |
| 110 | 25.15 | 36.675 | 24.58 |
| 120 | 24.83 | 36.850 | 24.81 |
| 130 | 24.36 | 36.995 | 25.06 |
| 140 | 23.60 | 37.032 | 25.32 |
| 150 | 22.83 | 36.957 | 25.48 |
| 160 | 22.51 | 36.958 | 25.58 |
| 170 | 21.84 | 36.951 | 25.76 |
| 180 | 21.29 | 36.936 | 25.91 |
| 190 | 20.76 | 36.898 | 26.02 |
| 200 | 20.25 | 36.813 | 26.10 |
| 250 | 18.28 | 36.526 | 26.39 |
| 300 | 17.60 | 36.450 | 26.50 |
| 350 | 16.66 | 36.288 | 26.60 |
| 400 | 15.57 | 36.102 | 26.71 |
| 450 | 14.24 | 35.877 | 26.83 |
| 500 | 12.69 | 35.621 | 26.95 |
| 550 | 11.26 | 35.411 | 27.07 |
| 600 | 10.14 | 35.268 | 27.16 |
| 650 | 9.33 | 35.169 | 27.22 |
| 700 | 8.66 | 35.099 | 27.27 |
| 750 | 7.90 | 35.016 | 27.32 |
| 800 | 7.07 | 34.933 | 27.38 |
| 850 | 6.96 | 35.005 | 27.45 |
| 900 | 6.70 | 35.005 | 27.48 |
| 950 | 6.32 | 34.994 | 27.53 |
| 1000 | 6.01 | 35.004 | 27.58 |
| 1474 | 4.47 | 35.018 | 27.77 |

RES-STACS24-86 CTD 53 RESEARCHER
Date 04 13 86 Latitude 18.757 N
Time 0223 Z Longitude 66.118 W



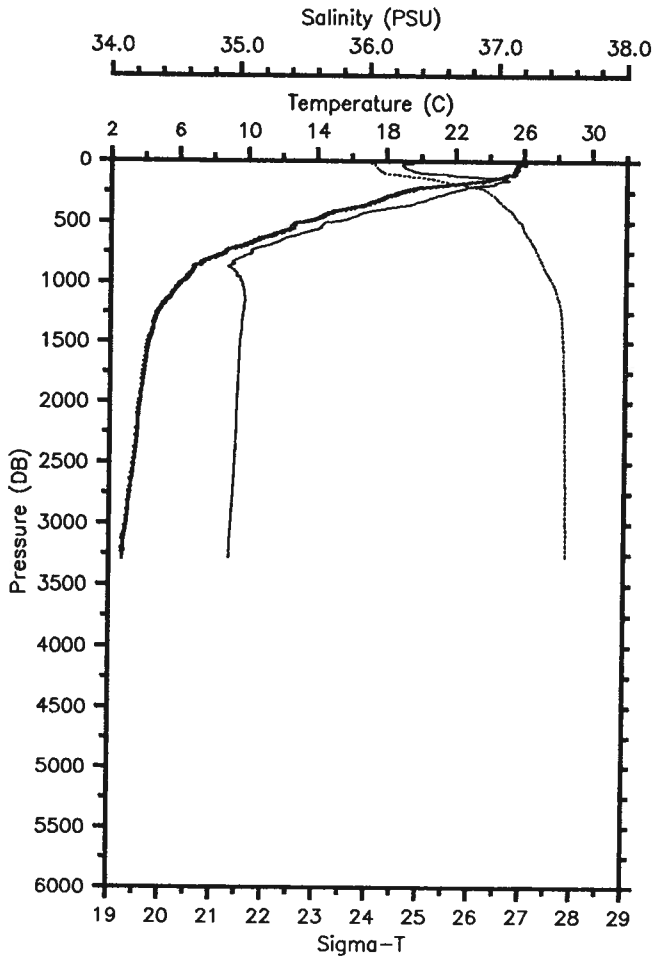

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.41 | 36.032 | 23.70 |
| 10 | 26.42 | 36.030 | 23.70 |
| 20 | 26.01 | 36.321 | 24.05 |
| 30 | 25.90 | 36.356 | 24.11 |
| 40 | 25.82 | 36.385 | 24.15 |
| 50 | 25.77 | 36.381 | 24.17 |
| 60 | 25.70 | 36.373 | 24.18 |
| 70 | 25.63 | 36.377 | 24.21 |
| 80 | 25.53 | 36.392 | 24.25 |
| 90 | 25.51 | 36.454 | 24.30 |
| 100 | 25.30 | 36.530 | 24.43 |
| 110 | 25.10 | 36.687 | 24.61 |
| 120 | 24.75 | 36.809 | 24.80 |
| 130 | 24.68 | 36.981 | 24.95 |
| 140 | 24.21 | 37.030 | 25.13 |
| 150 | 23.63 | 37.077 | 25.34 |
| 160 | 23.25 | 37.073 | 25.45 |
| 170 | 22.52 | 37.029 | 25.63 |
| 180 | 22.11 | 37.015 | 25.74 |
| 190 | 21.41 | 36.958 | 25.89 |
| 200 | 20.81 | 36.885 | 26.00 |
| 250 | 19.03 | 36.669 | 26.31 |
| 300 | 17.63 | 36.453 | 26.49 |
| 350 | 16.66 | 36.287 | 26.60 |
| 400 | 15.55 | 36.111 | 26.72 |
| 450 | 14.47 | 35.928 | 26.82 |
| 500 | 13.05 | 35.688 | 26.93 |
| 550 | 11.72 | 35.478 | 27.03 |
| 600 | 10.94 | 35.373 | 27.10 |
| 650 | 9.90 | 35.234 | 27.17 |
| 700 | 9.04 | 35.141 | 27.24 |
| 750 | 8.17 | 35.030 | 27.29 |
| 800 | 7.37 | 34.944 | 27.34 |
| 850 | 7.20 | 34.996 | 27.41 |
| 900 | 6.80 | 34.983 | 27.45 |
| 950 | 6.27 | 34.981 | 27.52 |
| 1000 | 5.99 | 35.013 | 27.58 |
| 1500 | 4.37 | 35.014 | 27.78 |
| 2000 | 3.79 | 34.991 | 27.82 |
| 2008 | 3.79 | 34.990 | 27.82 |

RES-STACS24-86 CTD 54 RESEARCHER
Date 04 13 86 Latitude 18.842 N
Time 0448 Z Longitude 66.127 W



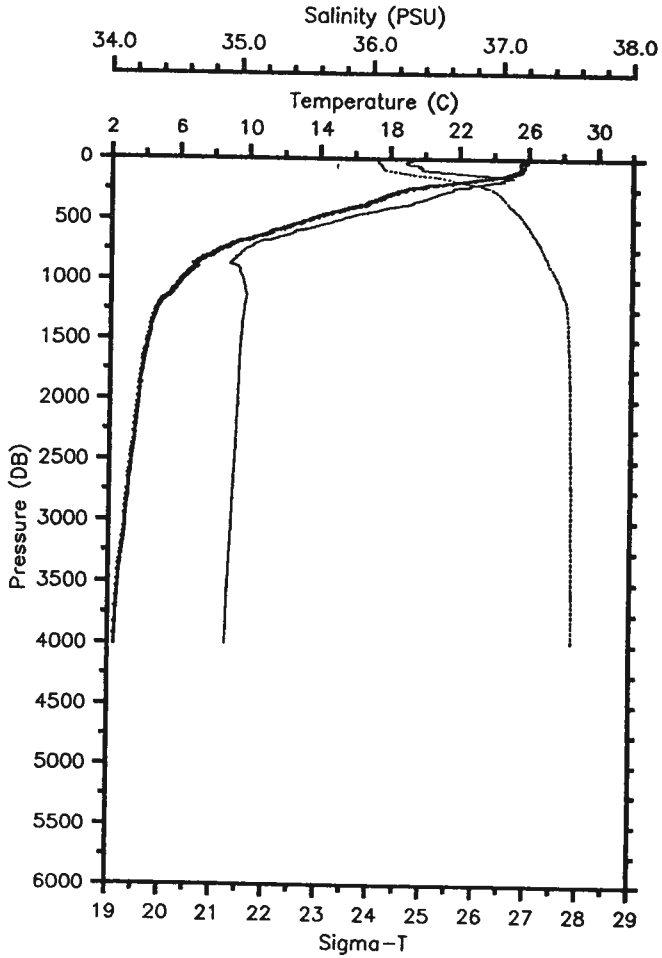

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.35 | 36.186 | 23.84 |
| 10 | 26.31 | 36.197 | 23.86 |
| 20 | 25.86 | 36.323 | 24.09 |
| 30 | 25.74 | 36.366 | 24.17 |
| 40 | 25.68 | 36.363 | 24.18 |
| 50 | 25.69 | 36.381 | 24.19 |
| 60 | 25.58 | 36.371 | 24.22 |
| 70 | 25.49 | 36.369 | 24.25 |
| 80 | 25.44 | 36.363 | 24.26 |
| 90 | 25.32 | 36.430 | 24.34 |
| 100 | 25.34 | 36.566 | 24.44 |
| 110 | 24.99 | 36.668 | 24.63 |
| 120 | 24.84 | 36.773 | 24.75 |
| 130 | 24.70 | 36.961 | 24.93 |
| 140 | 24.21 | 37.031 | 25.14 |
| 150 | 23.64 | 37.073 | 25.34 |
| 160 | 23.37 | 37.072 | 25.42 |
| 170 | 22.72 | 37.041 | 25.58 |
| 180 | 22.16 | 37.002 | 25.71 |
| 190 | 21.71 | 36.983 | 25.82 |
| 200 | 21.24 | 36.907 | 25.90 |
| 250 | 18.89 | 36.635 | 26.32 |
| 300 | 17.69 | 36.464 | 26.49 |
| 350 | 16.63 | 36.285 | 26.61 |
| 400 | 15.54 | 36.103 | 26.72 |
| 450 | 14.33 | 35.899 | 26.83 |
| 500 | 13.10 | 35.700 | 26.93 |
| 550 | 11.94 | 35.515 | 27.02 |
| 600 | 11.20 | 35.423 | 27.09 |
| 650 | 10.21 | 35.273 | 27.15 |
| 700 | 9.07 | 35.114 | 27.22 |
| 750 | 8.86 | 35.125 | 27.26 |
| 800 | 8.10 | 35.028 | 27.30 |
| 850 | 7.46 | 34.960 | 27.34 |
| 900 | 6.91 | 34.926 | 27.39 |
| 950 | 6.66 | 34.965 | 27.46 |
| 1000 | 6.26 | 35.010 | 27.55 |
| 1500 | 4.33 | 35.012 | 27.78 |
| 2000 | 3.81 | 34.991 | 27.82 |
| 2500 | 3.44 | 34.974 | 27.84 |
| 2596 | 3.29 | 34.965 | 27.85 |

RES-STACS24-86 CTD 55 RESEARCHER
Date 04 13 86 Latitude 18.947 N
Time 0725 Z Longitude 66.103 W



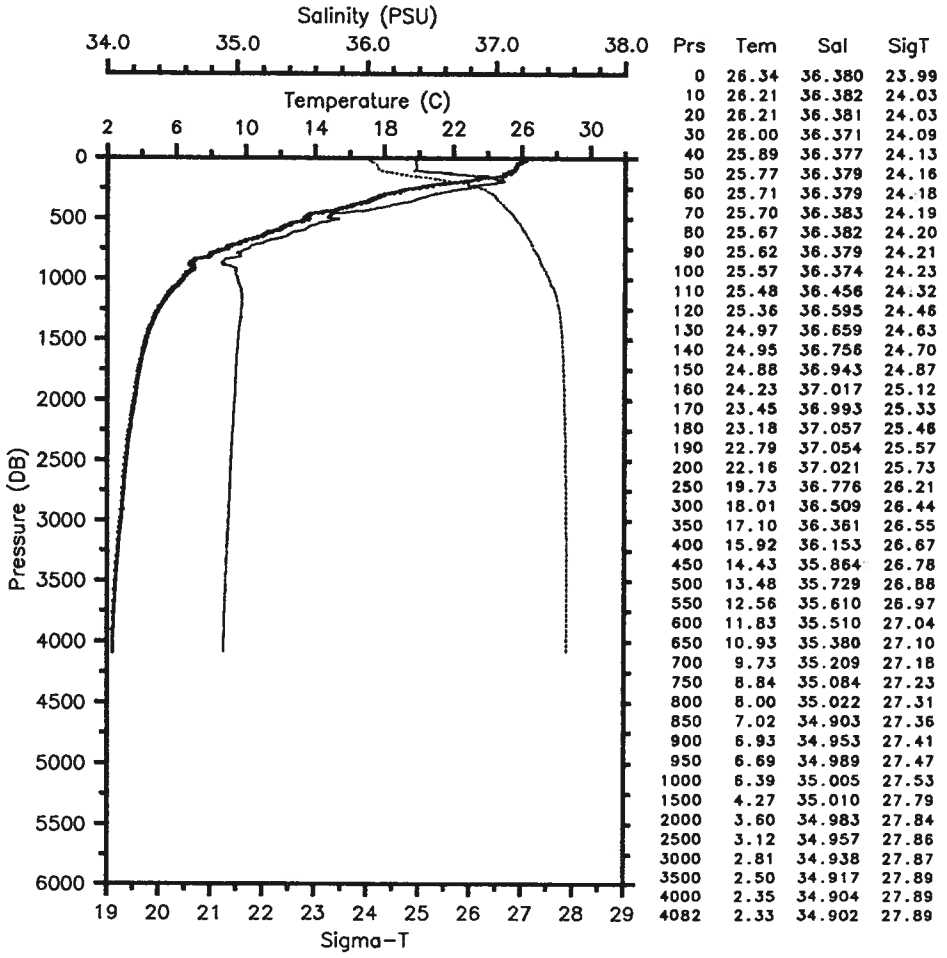

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.07 | 36.339 | 24.04 |
| 10 | 26.07 | 36.340 | 24.04 |
| 20 | 26.07 | 36.339 | 24.04 |
| 30 | 25.68 | 36.259 | 24.10 |
| 40 | 25.64 | 36.255 | 24.11 |
| 50 | 25.61 | 36.274 | 24.14 |
| 60 | 25.55 | 36.276 | 24.16 |
| 70 | 25.59 | 36.315 | 24.17 |
| 80 | 25.55 | 36.329 | 24.20 |
| 90 | 25.43 | 36.352 | 24.25 |
| 100 | 25.42 | 36.409 | 24.30 |
| 110 | 25.36 | 36.439 | 24.49 |
| 120 | 24.94 | 36.686 | 24.65 |
| 130 | 24.78 | 36.868 | 24.84 |
| 140 | 24.41 | 37.024 | 25.07 |
| 150 | 24.01 | 37.050 | 25.21 |
| 160 | 23.62 | 37.078 | 25.35 |
| 170 | 22.95 | 37.003 | 25.48 |
| 180 | 22.46 | 36.977 | 25.61 |
| 190 | 21.83 | 36.975 | 25.78 |
| 200 | 21.11 | 36.870 | 25.90 |
| 250 | 18.93 | 36.642 | 26.31 |
| 300 | 17.87 | 36.490 | 26.46 |
| 350 | 16.99 | 36.346 | 26.57 |
| 400 | 15.48 | 36.089 | 26.72 |
| 450 | 14.36 | 35.906 | 26.83 |
| 500 | 13.23 | 35.719 | 26.92 |
| 550 | 12.56 | 35.631 | 26.99 |
| 600 | 11.55 | 35.464 | 27.05 |
| 650 | 10.52 | 35.326 | 27.13 |
| 700 | 9.58 | 35.202 | 27.20 |
| 750 | 8.69 | 35.103 | 27.27 |
| 800 | 7.85 | 35.014 | 27.33 |
| 850 | 7.29 | 34.966 | 27.37 |
| 900 | 6.80 | 34.957 | 27.43 |
| 950 | 6.46 | 34.977 | 27.49 |
| 1000 | 6.13 | 35.020 | 27.57 |
| 1500 | 4.25 | 35.008 | 27.79 |
| 2000 | 3.76 | 34.989 | 27.82 |
| 2500 | 3.42 | 34.973 | 27.85 |
| 3000 | 2.99 | 34.947 | 27.87 |
| 3278 | 2.78 | 34.934 | 27.87 |

RES-STACS24-86 CTD 56 RESEARCHER
Date 04 13 86 Latitude 19.097 N
Time 1050 Z Longitude 66.134 W



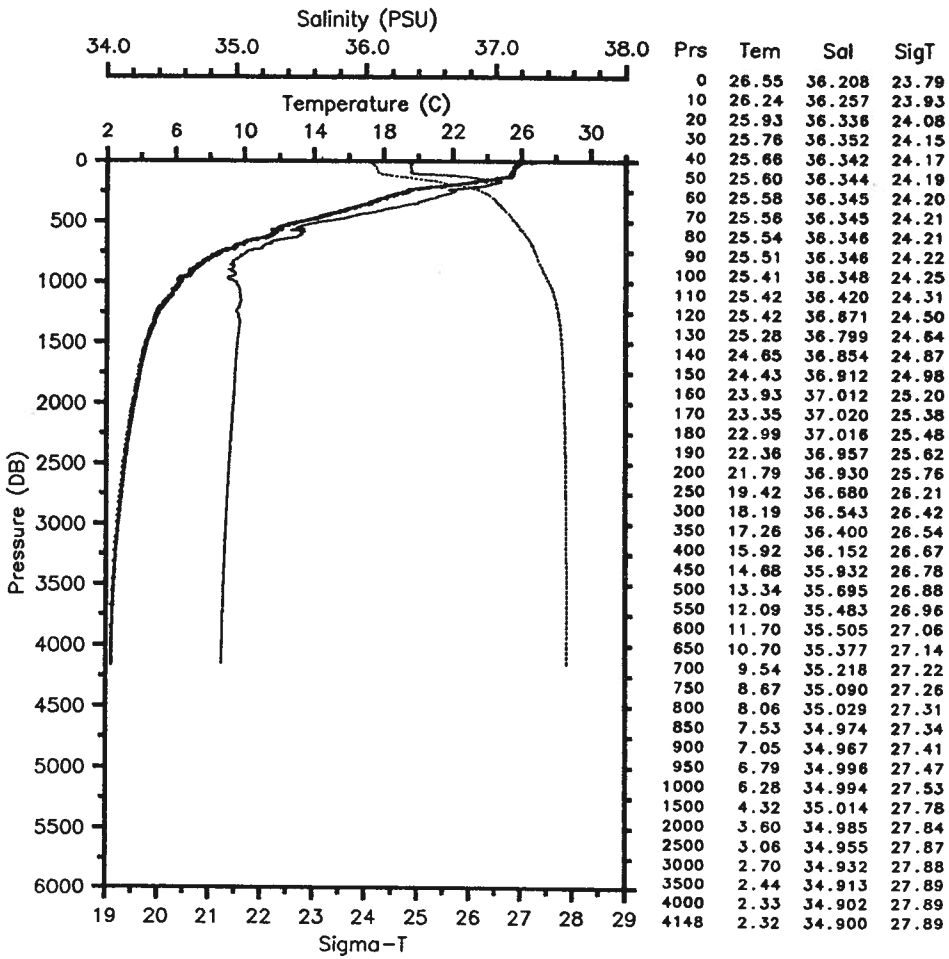

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.93 | 36.314 | 24.07 |
| 10 | 25.92 | 36.305 | 24.06 |
| 20 | 25.90 | 36.303 | 24.07 |
| 30 | 25.68 | 36.258 | 24.10 |
| 40 | 25.59 | 36.254 | 24.13 |
| 50 | 25.55 | 36.284 | 24.16 |
| 60 | 25.71 | 36.367 | 24.17 |
| 70 | 25.67 | 36.359 | 24.18 |
| 80 | 25.63 | 36.373 | 24.20 |
| 90 | 25.61 | 36.378 | 24.22 |
| 100 | 25.47 | 36.449 | 24.31 |
| 110 | 25.22 | 36.534 | 24.45 |
| 120 | 24.99 | 36.647 | 24.61 |
| 130 | 24.81 | 36.799 | 24.78 |
| 140 | 24.71 | 36.984 | 24.95 |
| 150 | 23.94 | 37.067 | 25.24 |
| 160 | 23.52 | 37.058 | 25.36 |
| 170 | 22.93 | 37.000 | 25.49 |
| 180 | 22.53 | 36.995 | 25.60 |
| 190 | 21.98 | 36.961 | 25.73 |
| 200 | 21.48 | 36.890 | 25.82 |
| 250 | 18.94 | 36.615 | 26.29 |
| 300 | 17.90 | 36.490 | 26.46 |
| 350 | 16.99 | 36.351 | 26.57 |
| 400 | 15.89 | 36.156 | 26.68 |
| 450 | 14.66 | 35.954 | 26.80 |
| 500 | 13.51 | 35.766 | 26.90 |
| 550 | 12.48 | 35.606 | 26.98 |
| 600 | 11.32 | 35.411 | 27.05 |
| 650 | 10.34 | 35.292 | 27.14 |
| 700 | 9.19 | 35.128 | 27.21 |
| 750 | 8.37 | 35.037 | 27.27 |
| 800 | 7.86 | 34.996 | 27.31 |
| 850 | 7.11 | 34.933 | 27.37 |
| 900 | 6.95 | 34.978 | 27.43 |
| 950 | 6.48 | 34.999 | 27.51 |
| 1000 | 6.13 | 35.017 | 27.57 |
| 1500 | 4.21 | 35.007 | 27.79 |
| 2000 | 3.68 | 34.987 | 27.83 |
| 2500 | 3.28 | 34.966 | 27.85 |
| 3000 | 2.94 | 34.944 | 27.87 |
| 3500 | 2.55 | 34.920 | 27.88 |
| 4000 | 2.38 | 34.905 | 27.89 |

RES-STACS24-86 CTD 57 RESEARCHER
Date 04 13 86 Latitude 19.246 N
Time 1538 Z Longitude 66.113 W



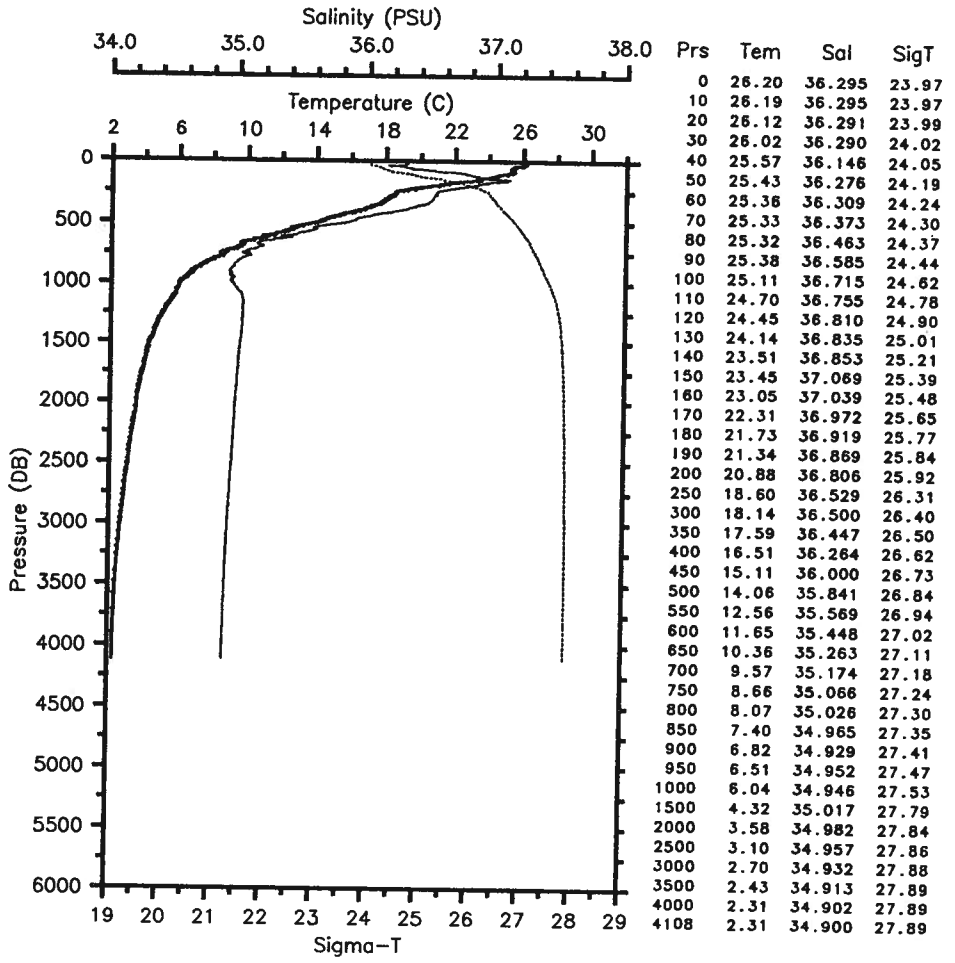

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.34 | 36.380 | 23.99 |
| 10 | 26.21 | 36.382 | 24.03 |
| 20 | 26.21 | 36.381 | 24.03 |
| 30 | 26.00 | 36.371 | 24.09 |
| 40 | 25.89 | 36.377 | 24.13 |
| 50 | 25.77 | 36.379 | 24.16 |
| 60 | 25.71 | 36.379 | 24.18 |
| 70 | 25.70 | 36.383 | 24.19 |
| 80 | 25.67 | 36.382 | 24.20 |
| 90 | 25.62 | 36.379 | 24.21 |
| 100 | 25.57 | 36.374 | 24.23 |
| 110 | 25.48 | 36.456 | 24.32 |
| 120 | 25.36 | 36.595 | 24.46 |
| 130 | 24.97 | 36.659 | 24.63 |
| 140 | 24.95 | 36.756 | 24.70 |
| 150 | 24.88 | 36.943 | 24.87 |
| 160 | 24.23 | 37.017 | 25.12 |
| 170 | 23.45 | 36.993 | 25.33 |
| 180 | 23.18 | 37.057 | 25.46 |
| 190 | 22.79 | 37.054 | 25.57 |
| 200 | 22.16 | 37.021 | 25.73 |
| 250 | 19.73 | 36.776 | 26.21 |
| 300 | 18.01 | 36.509 | 26.44 |
| 350 | 17.10 | 36.361 | 26.55 |
| 400 | 15.92 | 36.153 | 26.67 |
| 450 | 14.43 | 35.864 | 26.78 |
| 500 | 13.48 | 35.729 | 26.88 |
| 550 | 12.56 | 35.610 | 26.97 |
| 600 | 11.83 | 35.510 | 27.04 |
| 650 | 10.93 | 35.380 | 27.10 |
| 700 | 9.73 | 35.209 | 27.18 |
| 750 | 8.84 | 35.084 | 27.23 |
| 800 | 8.00 | 35.022 | 27.31 |
| 850 | 7.02 | 34.903 | 27.36 |
| 900 | 6.93 | 34.953 | 27.41 |
| 950 | 6.69 | 34.989 | 27.47 |
| 1000 | 6.39 | 35.005 | 27.53 |
| 1500 | 4.27 | 35.010 | 27.79 |
| 2000 | 3.60 | 34.983 | 27.84 |
| 2500 | 3.12 | 34.957 | 27.86 |
| 3000 | 2.81 | 34.938 | 27.87 |
| 3500 | 2.50 | 34.917 | 27.89 |
| 4000 | 2.35 | 34.904 | 27.89 |
| 4082 | 2.33 | 34.902 | 27.89 |

RES-STACS24-86 CTD 58 RESEARCHER
Date 04 13 86 Latitude 19.583 N
Time 1938 Z Longitude 66.113 W



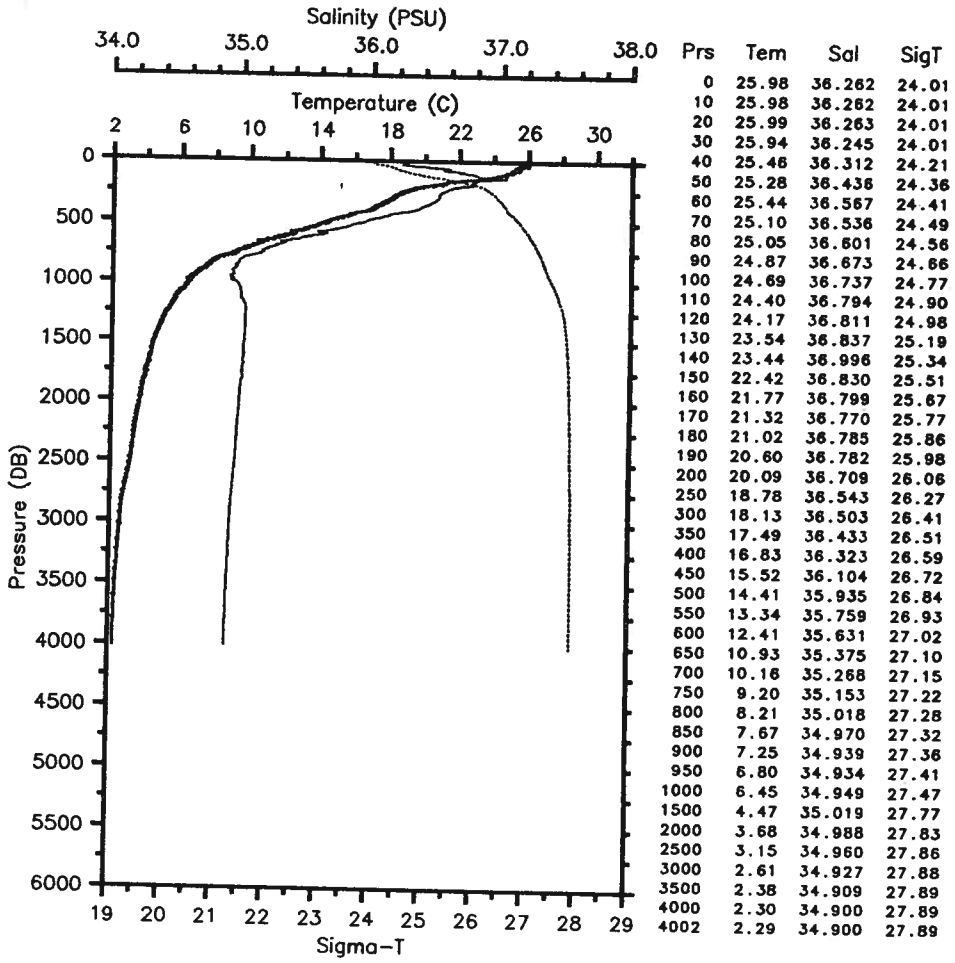

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.55 | 36.208 | 23.79 |
| 10 | 26.24 | 36.257 | 23.93 |
| 20 | 25.93 | 36.336 | 24.08 |
| 30 | 25.76 | 36.352 | 24.15 |
| 40 | 25.66 | 36.342 | 24.17 |
| 50 | 25.60 | 36.344 | 24.19 |
| 60 | 25.58 | 36.345 | 24.20 |
| 70 | 25.56 | 36.345 | 24.21 |
| 80 | 25.54 | 36.346 | 24.21 |
| 90 | 25.51 | 36.346 | 24.22 |
| 100 | 25.41 | 36.348 | 24.25 |
| 110 | 25.42 | 36.420 | 24.31 |
| 120 | 25.42 | 36.671 | 24.50 |
| 130 | 25.28 | 36.799 | 24.64 |
| 140 | 24.65 | 36.854 | 24.87 |
| 150 | 24.43 | 36.912 | 24.98 |
| 160 | 23.93 | 37.012 | 25.20 |
| 170 | 23.35 | 37.020 | 25.38 |
| 180 | 22.99 | 37.016 | 25.48 |
| 190 | 22.36 | 36.957 | 25.62 |
| 200 | 21.79 | 36.930 | 25.76 |
| 250 | 19.42 | 36.680 | 26.21 |
| 300 | 18.19 | 36.543 | 26.42 |
| 350 | 17.26 | 36.400 | 26.54 |
| 400 | 15.92 | 36.152 | 26.67 |
| 450 | 14.68 | 35.932 | 26.78 |
| 500 | 13.34 | 35.695 | 26.88 |
| 550 | 12.09 | 35.483 | 26.96 |
| 600 | 11.70 | 35.505 | 27.06 |
| 650 | 10.70 | 35.377 | 27.14 |
| 700 | 9.54 | 35.218 | 27.22 |
| 750 | 8.67 | 35.090 | 27.26 |
| 800 | 8.06 | 35.029 | 27.31 |
| 850 | 7.53 | 34.974 | 27.34 |
| 900 | 7.05 | 34.967 | 27.41 |
| 950 | 6.79 | 34.996 | 27.47 |
| 1000 | 6.28 | 34.994 | 27.53 |
| 1500 | 4.32 | 35.014 | 27.78 |
| 2000 | 3.60 | 34.985 | 27.84 |
| 2500 | 3.06 | 34.955 | 27.87 |
| 3000 | 2.70 | 34.932 | 27.88 |
| 3500 | 2.44 | 34.913 | 27.89 |
| 4000 | 2.33 | 34.902 | 27.89 |
| 4148 | 2.32 | 34.900 | 27.89 |

RES-STACS24-86 CTD 59 RESEARCHER
Date 04 13 86 Latitude 19.919 N
Time 2346 Z Longitude 66.116 W



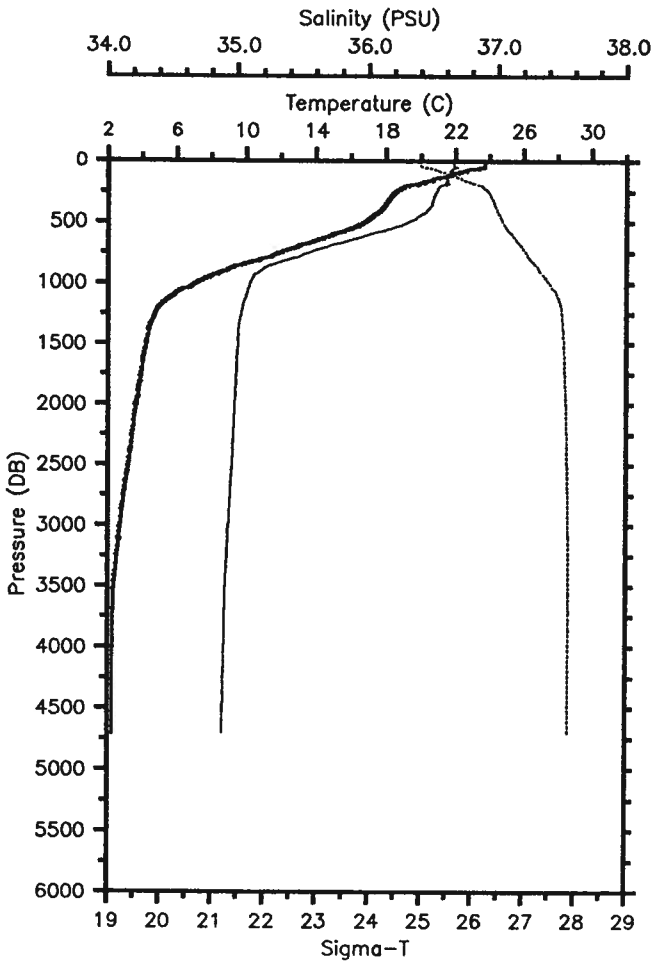

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.20 | 36.295 | 23.97 |
| 10 | 26.19 | 36.295 | 23.97 |
| 20 | 26.12 | 36.291 | 23.99 |
| 30 | 26.02 | 36.290 | 24.02 |
| 40 | 25.57 | 36.146 | 24.05 |
| 50 | 25.43 | 36.276 | 24.19 |
| 60 | 25.36 | 36.309 | 24.24 |
| 70 | 25.33 | 36.373 | 24.30 |
| 80 | 25.32 | 36.463 | 24.37 |
| 90 | 25.38 | 36.585 | 24.44 |
| 100 | 25.11 | 36.715 | 24.62 |
| 110 | 24.70 | 36.755 | 24.78 |
| 120 | 24.45 | 36.810 | 24.90 |
| 130 | 24.14 | 36.835 | 25.01 |
| 140 | 23.51 | 36.853 | 25.21 |
| 150 | 23.45 | 37.069 | 25.39 |
| 160 | 23.05 | 37.039 | 25.48 |
| 170 | 22.31 | 36.972 | 25.65 |
| 180 | 21.73 | 36.919 | 25.77 |
| 190 | 21.34 | 36.869 | 25.84 |
| 200 | 20.88 | 36.806 | 25.92 |
| 250 | 18.60 | 36.529 | 26.31 |
| 300 | 18.14 | 36.500 | 26.40 |
| 350 | 17.59 | 36.447 | 26.50 |
| 400 | 16.51 | 36.264 | 26.62 |
| 450 | 15.11 | 36.000 | 26.73 |
| 500 | 14.06 | 35.841 | 26.84 |
| 550 | 12.56 | 35.569 | 26.94 |
| 600 | 11.65 | 35.448 | 27.02 |
| 650 | 10.36 | 35.263 | 27.11 |
| 700 | 9.57 | 35.174 | 27.18 |
| 750 | 8.66 | 35.066 | 27.24 |
| 800 | 8.07 | 35.026 | 27.30 |
| 850 | 7.40 | 34.965 | 27.35 |
| 900 | 6.82 | 34.929 | 27.41 |
| 950 | 6.51 | 34.952 | 27.47 |
| 1000 | 6.04 | 34.946 | 27.53 |
| 1500 | 4.32 | 35.017 | 27.79 |
| 2000 | 3.58 | 34.982 | 27.84 |
| 2500 | 3.10 | 34.957 | 27.86 |
| 3000 | 2.70 | 34.932 | 27.88 |
| 3500 | 2.43 | 34.913 | 27.89 |
| 4000 | 2.31 | 34.902 | 27.89 |
| 4108 | 2.31 | 34.900 | 27.89 |

RES-STACS24-86 CTD 60 RESEARCHER
Date 04 14 86 Latitude 20.257 N
Time 0353 Z Longitude 66.128 W



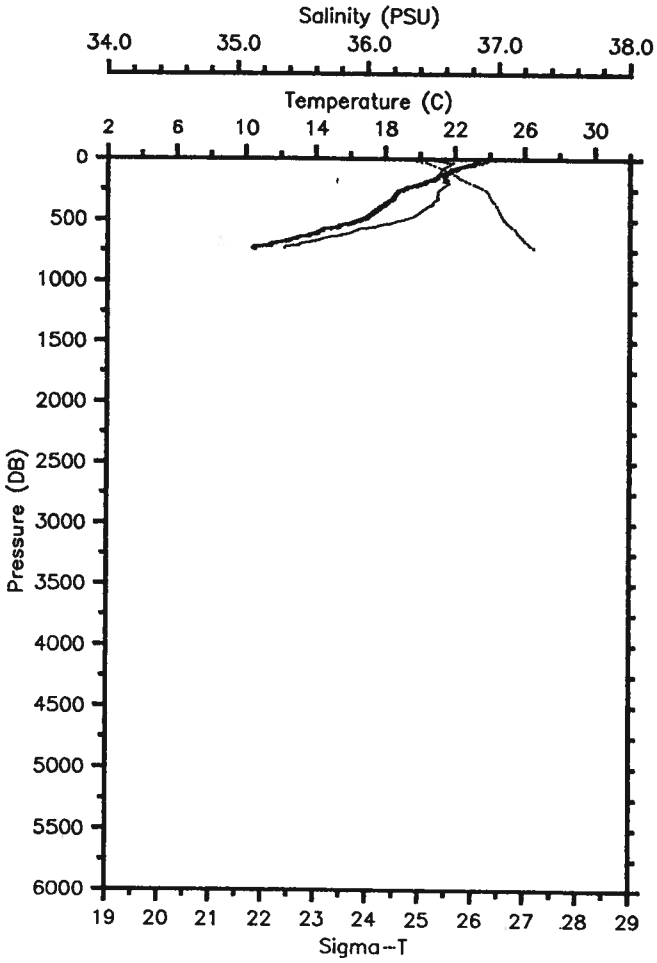

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.98 | 36.262 | 24.01 |
| 10 | 25.98 | 36.262 | 24.01 |
| 20 | 25.99 | 36.263 | 24.01 |
| 30 | 25.94 | 36.245 | 24.01 |
| 40 | 25.46 | 36.312 | 24.21 |
| 50 | 25.28 | 36.436 | 24.36 |
| 60 | 25.44 | 36.567 | 24.41 |
| 70 | 25.10 | 36.536 | 24.49 |
| 80 | 25.05 | 36.601 | 24.56 |
| 90 | 24.87 | 36.673 | 24.66 |
| 100 | 24.69 | 36.737 | 24.77 |
| 110 | 24.40 | 36.794 | 24.90 |
| 120 | 24.17 | 36.811 | 24.98 |
| 130 | 23.54 | 36.837 | 25.19 |
| 140 | 23.44 | 36.996 | 25.34 |
| 150 | 22.42 | 36.830 | 25.51 |
| 160 | 21.77 | 36.799 | 25.67 |
| 170 | 21.32 | 36.770 | 25.77 |
| 180 | 21.02 | 36.785 | 25.86 |
| 190 | 20.60 | 36.782 | 25.98 |
| 200 | 20.09 | 36.709 | 26.06 |
| 250 | 18.78 | 36.543 | 26.27 |
| 300 | 18.13 | 36.503 | 26.41 |
| 350 | 17.49 | 36.433 | 26.51 |
| 400 | 16.83 | 36.323 | 26.59 |
| 450 | 15.52 | 36.104 | 26.72 |
| 500 | 14.41 | 35.935 | 26.84 |
| 550 | 13.34 | 35.759 | 26.93 |
| 600 | 12.41 | 35.631 | 27.02 |
| 650 | 10.93 | 35.375 | 27.10 |
| 700 | 10.16 | 35.268 | 27.15 |
| 750 | 9.20 | 35.153 | 27.22 |
| 800 | 8.21 | 35.018 | 27.28 |
| 850 | 7.67 | 34.970 | 27.32 |
| 900 | 7.25 | 34.939 | 27.36 |
| 950 | 6.80 | 34.934 | 27.41 |
| 1000 | 6.45 | 34.949 | 27.47 |
| 1500 | 4.47 | 35.019 | 27.77 |
| 2000 | 3.68 | 34.988 | 27.83 |
| 2500 | 3.15 | 34.960 | 27.86 |
| 3000 | 2.61 | 34.927 | 27.88 |
| 3500 | 2.38 | 34.909 | 27.89 |
| 4000 | 2.30 | 34.900 | 27.89 |
| 4002 | 2.29 | 34.900 | 27.89 |

RES-STACS24-86 CTD 61 RESEARCHER
Date 04 16 86 Latitude 26.513 N
Time 0826 Z Longitude 75.940 W



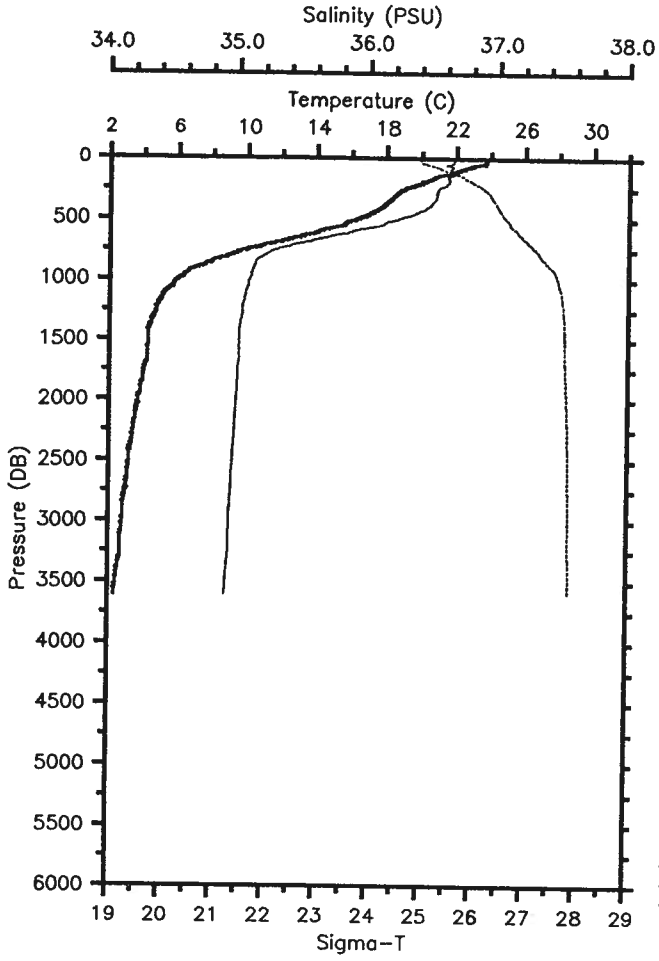

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.72 | 36.679 | 25.02 |
| 10 | 23.73 | 36.650 | 24.99 |
| 20 | 23.74 | 36.653 | 24.99 |
| 30 | 23.73 | 36.655 | 24.99 |
| 40 | 23.73 | 36.655 | 25.00 |
| 50 | 23.63 | 36.671 | 25.04 |
| 60 | 23.38 | 36.667 | 25.11 |
| 70 | 22.77 | 36.640 | 25.26 |
| 80 | 22.63 | 36.638 | 25.30 |
| 90 | 22.31 | 36.624 | 25.38 |
| 100 | 21.94 | 36.633 | 25.49 |
| 110 | 21.81 | 36.622 | 25.52 |
| 120 | 21.58 | 36.611 | 25.58 |
| 130 | 21.26 | 36.613 | 25.67 |
| 140 | 20.96 | 36.598 | 25.74 |
| 150 | 20.74 | 36.597 | 25.80 |
| 160 | 20.61 | 36.606 | 25.84 |
| 170 | 20.21 | 36.598 | 25.94 |
| 180 | 20.00 | 36.607 | 26.00 |
| 190 | 19.81 | 36.616 | 26.06 |
| 200 | 19.28 | 36.561 | 26.16 |
| 250 | 18.57 | 36.521 | 26.31 |
| 300 | 18.23 | 36.500 | 26.38 |
| 350 | 17.98 | 36.483 | 26.43 |
| 400 | 17.69 | 36.451 | 26.48 |
| 450 | 17.24 | 36.390 | 26.54 |
| 500 | 16.72 | 36.300 | 26.60 |
| 550 | 15.98 | 36.175 | 26.67 |
| 600 | 14.92 | 36.002 | 26.78 |
| 650 | 14.03 | 35.858 | 26.86 |
| 700 | 12.97 | 35.695 | 26.96 |
| 750 | 11.98 | 35.552 | 27.04 |
| 800 | 10.95 | 35.415 | 27.13 |
| 850 | 9.78 | 35.276 | 27.22 |
| 900 | 8.84 | 35.184 | 27.31 |
| 950 | 7.87 | 35.122 | 27.41 |
| 1000 | 7.13 | 35.095 | 27.50 |
| 1500 | 4.24 | 35.004 | 27.79 |
| 2000 | 3.63 | 34.980 | 27.83 |
| 2500 | 3.22 | 34.960 | 27.85 |
| 3000 | 2.74 | 34.932 | 27.88 |
| 3500 | 2.38 | 34.909 | 27.89 |
| 4000 | 2.29 | 34.899 | 27.89 |
| 4500 | 2.27 | 34.890 | 27.88 |
| 4704 | 2.26 | 34.886 | 27.88 |

RES-STACS24-86 CTD 62 RESEARCHER
Date 04 16 86 Latitude 26.536 N
Time 2007 Z Longitude 76.836 W



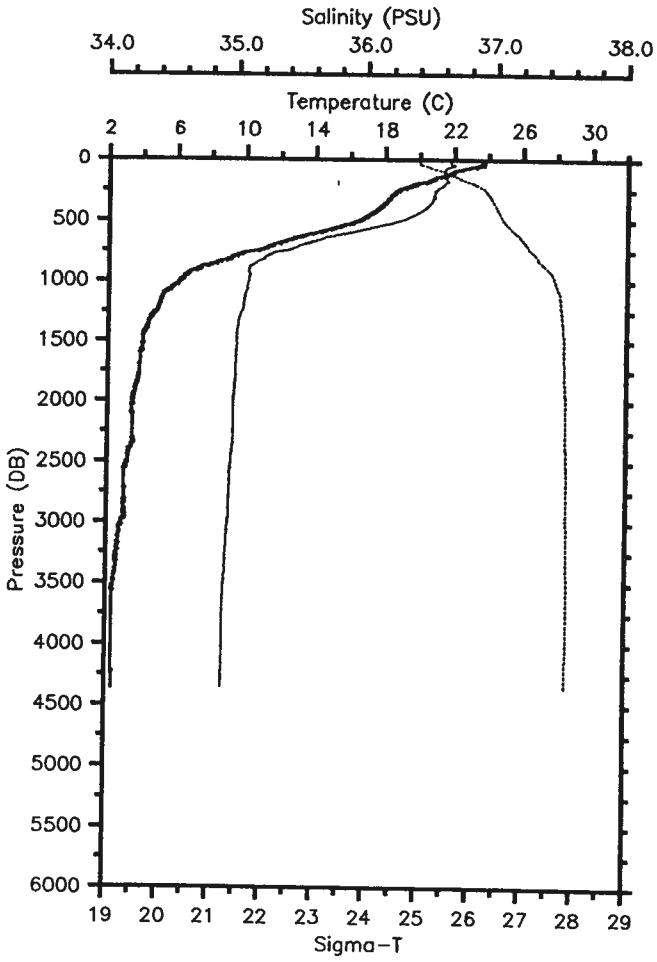

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.94 | 36.388 | 24.73 |
| 10 | 23.78 | 36.469 | 24.84 |
| 20 | 23.66 | 36.535 | 24.92 |
| 30 | 23.51 | 36.603 | 25.02 |
| 40 | 23.10 | 36.647 | 25.17 |
| 50 | 22.85 | 36.636 | 25.24 |
| 60 | 22.60 | 36.619 | 25.29 |
| 70 | 22.33 | 36.585 | 25.35 |
| 80 | 22.10 | 36.590 | 25.41 |
| 90 | 21.85 | 36.562 | 25.47 |
| 100 | 21.79 | 36.559 | 25.48 |
| 110 | 21.62 | 36.550 | 25.52 |
| 120 | 21.42 | 36.555 | 25.58 |
| 130 | 21.22 | 36.562 | 25.64 |
| 140 | 21.07 | 36.595 | 25.71 |
| 150 | 21.03 | 36.599 | 25.72 |
| 160 | 20.84 | 36.581 | 25.76 |
| 170 | 20.67 | 36.598 | 25.82 |
| 180 | 20.46 | 36.596 | 25.87 |
| 190 | 20.28 | 36.606 | 25.93 |
| 200 | 20.11 | 36.626 | 25.99 |
| 250 | 19.03 | 36.554 | 26.22 |
| 300 | 18.57 | 36.531 | 26.32 |
| 350 | 18.20 | 36.506 | 26.39 |
| 400 | 17.89 | 36.449 | 26.48 |
| 450 | 17.24 | 36.385 | 26.54 |
| 500 | 16.58 | 36.277 | 26.61 |
| 550 | 15.40 | 36.079 | 26.73 |
| 600 | 14.19 | 35.884 | 26.85 |
| 650 | 12.95 | 35.686 | 26.95 |
| 700 | 11.50 | 35.485 | 27.08 |
| 738 | 10.45 | 35.359 | 27.17 |

RES-STACS24-86 CTD 63 RESEARCHER
Date 04 16 86 Latitude 26.521 N
Time 2202 Z Longitude 76.739 W



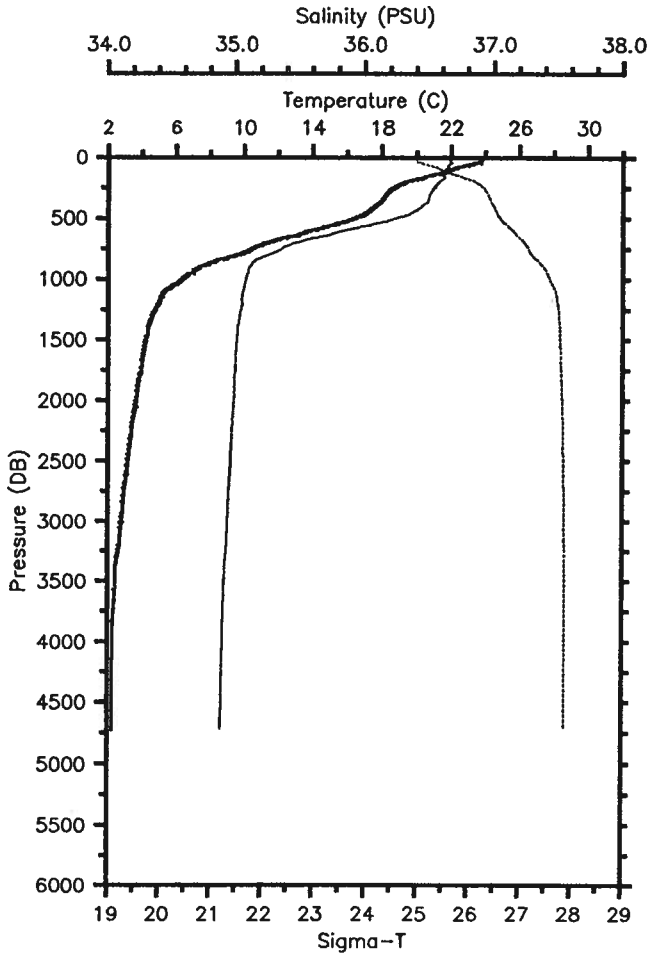

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.77 | 36.651 | 24.98 |
| 10 | 23.77 | 36.648 | 24.98 |
| 20 | 23.76 | 36.647 | 24.98 |
| 30 | 23.70 | 36.646 | 24.99 |
| 40 | 23.68 | 36.645 | 25.00 |
| 50 | 23.35 | 36.616 | 25.07 |
| 60 | 23.01 | 36.601 | 25.16 |
| 70 | 22.76 | 36.630 | 25.26 |
| 80 | 22.51 | 36.634 | 25.33 |
| 90 | 22.32 | 36.618 | 25.38 |
| 100 | 22.10 | 36.619 | 25.44 |
| 110 | 21.85 | 36.631 | 25.52 |
| 120 | 21.80 | 36.640 | 25.54 |
| 130 | 21.48 | 36.671 | 25.65 |
| 140 | 20.99 | 36.616 | 25.74 |
| 150 | 20.79 | 36.602 | 25.79 |
| 160 | 20.68 | 36.602 | 25.82 |
| 170 | 20.56 | 36.613 | 25.86 |
| 180 | 20.37 | 36.611 | 25.91 |
| 190 | 20.10 | 36.608 | 25.98 |
| 200 | 20.05 | 36.609 | 25.99 |
| 250 | 19.03 | 36.532 | 26.20 |
| 300 | 18.50 | 36.517 | 26.33 |
| 350 | 18.12 | 36.496 | 26.40 |
| 400 | 17.73 | 36.457 | 26.47 |
| 450 | 17.09 | 36.363 | 26.56 |
| 500 | 16.24 | 36.220 | 26.65 |
| 550 | 15.52 | 36.103 | 26.72 |
| 600 | 14.12 | 35.875 | 26.86 |
| 650 | 12.97 | 35.690 | 26.95 |
| 700 | 11.36 | 35.479 | 27.10 |
| 750 | 9.97 | 35.302 | 27.21 |
| 800 | 8.96 | 35.202 | 27.30 |
| 850 | 7.96 | 35.132 | 27.40 |
| 900 | 7.09 | 35.114 | 27.52 |
| 950 | 6.37 | 35.099 | 27.60 |
| 1000 | 5.98 | 35.080 | 27.64 |
| 1500 | 4.28 | 35.003 | 27.78 |
| 2000 | 3.67 | 34.982 | 27.83 |
| 2500 | 3.17 | 34.958 | 27.86 |
| 3000 | 2.82 | 34.937 | 27.87 |
| 3500 | 2.46 | 34.914 | 27.89 |
| 3604 | 2.37 | 34.908 | 27.89 |

RES-STACS24-86 CTD 64 RESEARCHER
Date 04 17 86 Latitude 26.583 N
Time 0125 Z Longitude 76.633 W



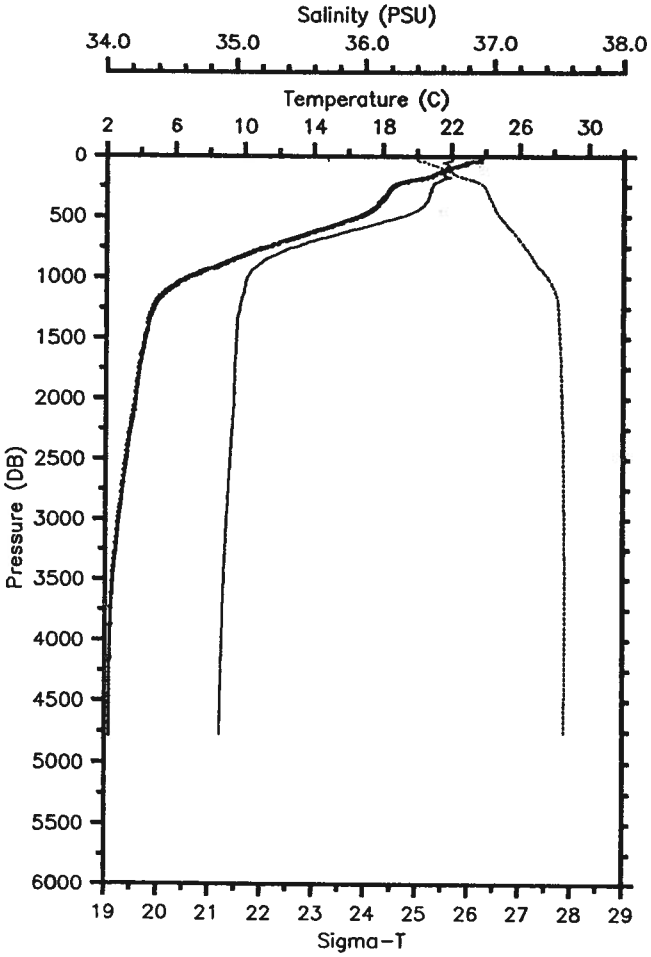

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.67 | 36.634 | 25.00 |
| 10 | 23.67 | 36.634 | 24.99 |
| 20 | 23.68 | 36.635 | 24.99 |
| 30 | 23.68 | 36.637 | 24.99 |
| 40 | 23.69 | 36.643 | 25.00 |
| 50 | 23.43 | 36.664 | 25.09 |
| 60 | 23.16 | 36.640 | 25.15 |
| 70 | 22.77 | 36.598 | 25.23 |
| 80 | 22.45 | 36.605 | 25.33 |
| 90 | 22.19 | 36.589 | 25.39 |
| 100 | 21.95 | 36.588 | 25.46 |
| 110 | 21.88 | 36.601 | 25.49 |
| 120 | 21.62 | 36.601 | 25.56 |
| 130 | 21.40 | 36.599 | 25.62 |
| 140 | 21.14 | 36.607 | 25.70 |
| 150 | 20.91 | 36.599 | 25.75 |
| 160 | 20.78 | 36.606 | 25.79 |
| 170 | 20.57 | 36.612 | 25.85 |
| 180 | 20.43 | 36.623 | 25.90 |
| 190 | 20.05 | 36.601 | 25.99 |
| 200 | 19.81 | 36.591 | 26.04 |
| 250 | 18.83 | 36.536 | 26.26 |
| 300 | 18.36 | 36.508 | 26.35 |
| 350 | 18.06 | 36.493 | 26.42 |
| 400 | 17.66 | 36.448 | 26.48 |
| 450 | 17.14 | 36.369 | 26.55 |
| 500 | 16.50 | 36.262 | 26.62 |
| 550 | 15.39 | 36.075 | 26.73 |
| 600 | 14.14 | 35.872 | 26.85 |
| 650 | 12.77 | 35.668 | 26.97 |
| 700 | 11.64 | 35.509 | 27.07 |
| 750 | 10.70 | 35.382 | 27.15 |
| 800 | 9.24 | 35.220 | 27.27 |
| 850 | 8.28 | 35.144 | 27.36 |
| 900 | 7.20 | 35.091 | 27.48 |
| 950 | 6.55 | 35.095 | 27.58 |
| 1000 | 6.17 | 35.085 | 27.62 |
| 1500 | 4.02 | 34.996 | 27.80 |
| 2000 | 3.46 | 34.974 | 27.84 |
| 2500 | 3.14 | 34.956 | 27.86 |
| 3000 | 2.87 | 34.939 | 27.87 |
| 3500 | 2.43 | 34.912 | 27.89 |
| 4000 | 2.36 | 34.903 | 27.89 |
| 4352 | 2.39 | 34.902 | 27.88 |

RES-STACS24-86 CTD 65 RESEARCHER
Date 04 17 86 Latitude 26.537 N
Time 0618 Z Longitude 76.528 W



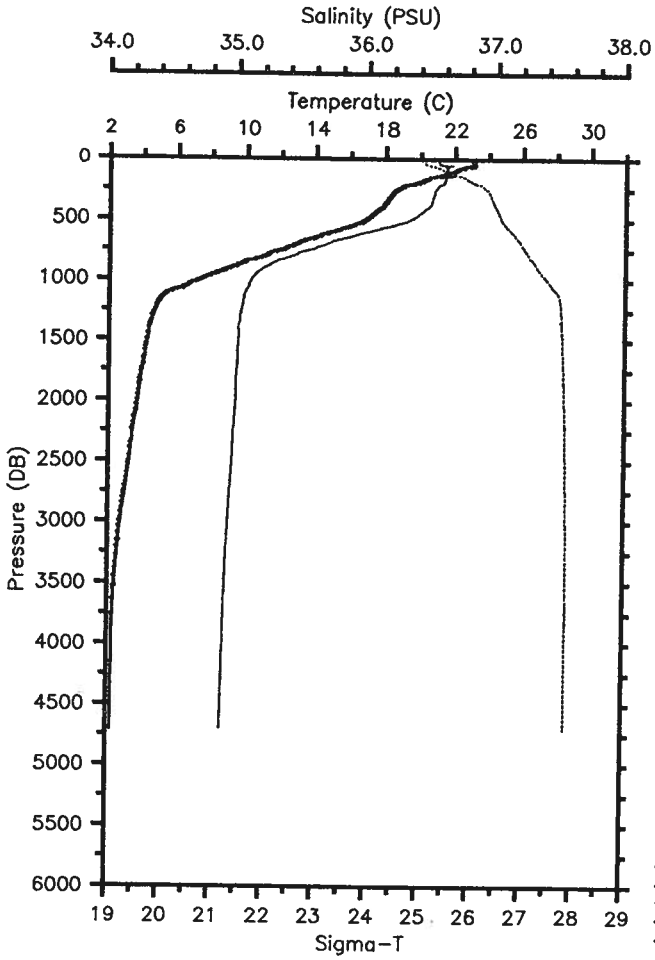

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.73 | 36.650 | 24.99 |
| 10 | 23.73 | 36.659 | 25.00 |
| 20 | 23.74 | 36.659 | 24.99 |
| 30 | 23.74 | 36.659 | 24.99 |
| 40 | 23.65 | 36.669 | 25.03 |
| 50 | 23.32 | 36.664 | 25.12 |
| 60 | 23.06 | 36.645 | 25.18 |
| 70 | 22.65 | 36.640 | 25.30 |
| 80 | 22.36 | 36.649 | 25.39 |
| 90 | 22.14 | 36.626 | 25.43 |
| 100 | 21.92 | 36.623 | 25.49 |
| 110 | 21.69 | 36.636 | 25.56 |
| 120 | 21.56 | 36.634 | 25.60 |
| 130 | 21.33 | 36.631 | 25.66 |
| 140 | 21.01 | 36.602 | 25.73 |
| 150 | 20.73 | 36.611 | 25.81 |
| 160 | 20.49 | 36.619 | 25.88 |
| 170 | 20.34 | 36.616 | 25.92 |
| 180 | 19.97 | 36.602 | 26.01 |
| 190 | 19.70 | 36.589 | 26.07 |
| 200 | 19.38 | 36.572 | 26.14 |
| 250 | 18.69 | 36.541 | 26.29 |
| 300 | 18.24 | 36.503 | 26.38 |
| 350 | 17.99 | 36.488 | 26.43 |
| 400 | 17.56 | 36.436 | 26.50 |
| 450 | 17.13 | 36.369 | 26.55 |
| 500 | 16.38 | 36.239 | 26.63 |
| 550 | 15.33 | 36.061 | 26.73 |
| 600 | 13.98 | 35.858 | 26.87 |
| 650 | 12.89 | 35.688 | 26.97 |
| 700 | 11.43 | 35.484 | 27.09 |
| 750 | 10.47 | 35.358 | 27.17 |
| 800 | 9.62 | 35.259 | 27.24 |
| 850 | 8.34 | 35.149 | 27.36 |
| 900 | 7.40 | 35.105 | 27.46 |
| 950 | 7.01 | 35.095 | 27.51 |
| 1000 | 6.38 | 35.078 | 27.59 |
| 1500 | 4.25 | 35.009 | 27.79 |
| 2000 | 3.68 | 34.985 | 27.83 |
| 2500 | 3.19 | 34.959 | 27.86 |
| 3000 | 2.80 | 34.936 | 27.87 |
| 3500 | 2.45 | 34.914 | 27.89 |
| 4000 | 2.31 | 34.902 | 27.89 |
| 4500 | 2.28 | 34.892 | 27.88 |
| 4716 | 2.28 | 34.888 | 27.88 |

RES-STACS24-86 CTD 66 RESEARCHER
Date 04 17 86 Latitude 26.503 N
Time 2320 Z Longitude 76.387 W



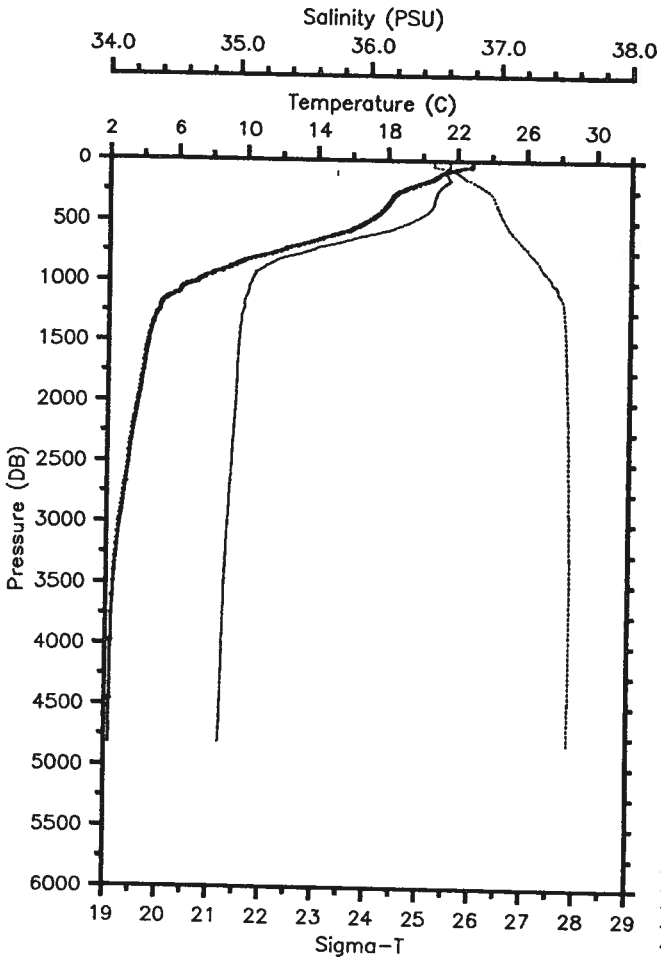

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.72 | 36.751 | 25.07 |
| 10 | 23.72 | 36.669 | 25.01 |
| 20 | 23.73 | 36.669 | 25.01 |
| 30 | 23.73 | 36.669 | 25.01 |
| 40 | 23.67 | 36.666 | 25.02 |
| 50 | 23.01 | 36.605 | 25.17 |
| 60 | 22.88 | 36.627 | 25.22 |
| 70 | 22.74 | 36.645 | 25.27 |
| 80 | 22.40 | 36.642 | 25.37 |
| 90 | 22.17 | 36.632 | 25.43 |
| 100 | 21.92 | 36.635 | 25.50 |
| 110 | 21.72 | 36.634 | 25.56 |
| 120 | 21.50 | 36.624 | 25.61 |
| 130 | 21.37 | 36.615 | 25.64 |
| 140 | 21.18 | 36.615 | 25.69 |
| 150 | 21.08 | 36.611 | 25.72 |
| 160 | 20.93 | 36.610 | 25.76 |
| 170 | 20.80 | 36.632 | 25.81 |
| 180 | 20.58 | 36.661 | 25.89 |
| 190 | 20.21 | 36.613 | 25.95 |
| 200 | 19.75 | 36.592 | 26.06 |
| 250 | 18.60 | 36.522 | 26.30 |
| 300 | 18.29 | 36.503 | 26.37 |
| 350 | 18.05 | 36.488 | 26.42 |
| 400 | 17.74 | 36.460 | 26.47 |
| 450 | 17.31 | 36.402 | 26.53 |
| 500 | 16.57 | 36.277 | 26.61 |
| 550 | 15.66 | 36.122 | 26.71 |
| 600 | 14.60 | 35.952 | 26.81 |
| 650 | 13.48 | 35.774 | 26.91 |
| 700 | 12.37 | 35.608 | 27.01 |
| 750 | 11.33 | 35.464 | 27.09 |
| 800 | 10.26 | 35.334 | 27.19 |
| 850 | 9.36 | 35.233 | 27.26 |
| 900 | 8.61 | 35.172 | 27.33 |
| 950 | 7.55 | 35.114 | 27.45 |
| 1000 | 6.73 | 35.084 | 27.54 |
| 1500 | 4.27 | 35.005 | 27.78 |
| 2000 | 3.73 | 34.988 | 27.83 |
| 2500 | 3.20 | 34.960 | 27.86 |
| 3000 | 2.76 | 34.934 | 27.88 |
| 3500 | 2.43 | 34.914 | 27.89 |
| 4000 | 2.29 | 34.900 | 27.89 |
| 4500 | 2.25 | 34.890 | 27.88 |
| 4776 | 2.27 | 34.887 | 27.88 |

RES-STACS24-86 CTD 67 RESEARCHER
Date 04 18 86 Latitude 26.463 N
Time 0437 Z Longitude 76.140 W



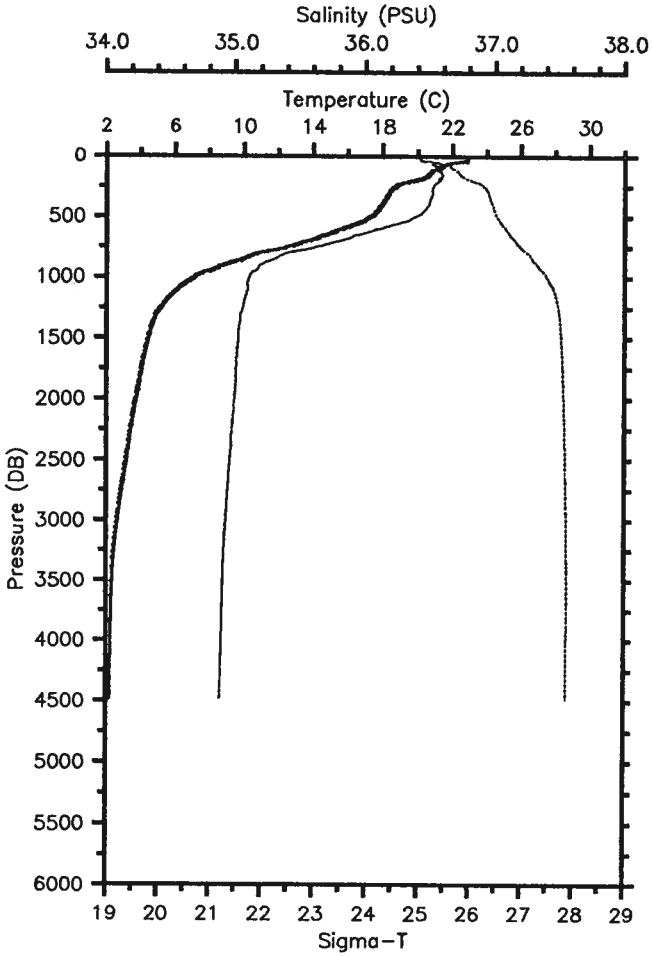

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.07 | 36.538 | 25.10 |
| 10 | 23.08 | 36.537 | 25.09 |
| 20 | 23.08 | 36.538 | 25.10 |
| 30 | 23.08 | 36.538 | 25.09 |
| 40 | 23.10 | 36.540 | 25.09 |
| 50 | 23.13 | 36.573 | 25.11 |
| 60 | 22.73 | 36.602 | 25.25 |
| 70 | 22.50 | 36.606 | 25.31 |
| 80 | 22.25 | 36.605 | 25.38 |
| 90 | 22.10 | 36.600 | 25.42 |
| 100 | 21.94 | 36.592 | 25.46 |
| 110 | 21.65 | 36.590 | 25.54 |
| 120 | 21.46 | 36.606 | 25.61 |
| 130 | 21.27 | 36.639 | 25.68 |
| 140 | 20.99 | 36.653 | 25.77 |
| 150 | 20.56 | 36.595 | 25.85 |
| 160 | 20.45 | 36.593 | 25.87 |
| 170 | 20.25 | 36.585 | 25.92 |
| 180 | 20.11 | 36.586 | 25.96 |
| 190 | 19.93 | 36.585 | 26.01 |
| 200 | 19.66 | 36.578 | 26.07 |
| 250 | 18.67 | 36.520 | 26.26 |
| 300 | 18.30 | 36.502 | 26.36 |
| 350 | 18.07 | 36.491 | 26.41 |
| 400 | 17.73 | 36.461 | 26.48 |
| 450 | 17.30 | 36.397 | 26.53 |
| 500 | 16.84 | 36.323 | 26.58 |
| 550 | 15.98 | 36.181 | 26.68 |
| 600 | 14.90 | 36.003 | 26.78 |
| 650 | 13.86 | 35.838 | 26.88 |
| 700 | 12.90 | 35.690 | 26.96 |
| 750 | 12.01 | 35.570 | 27.05 |
| 800 | 11.09 | 35.435 | 27.12 |
| 850 | 9.90 | 35.293 | 27.22 |
| 900 | 9.06 | 35.205 | 27.29 |
| 950 | 8.16 | 35.141 | 27.38 |
| 1000 | 7.28 | 35.103 | 27.48 |
| 1500 | 4.24 | 35.003 | 27.78 |
| 2000 | 3.70 | 34.986 | 27.83 |
| 2500 | 3.23 | 34.961 | 27.85 |
| 3000 | 2.72 | 34.932 | 27.88 |
| 3500 | 2.41 | 34.912 | 27.89 |
| 4000 | 2.30 | 34.900 | 27.89 |
| 4500 | 2.27 | 34.892 | 27.88 |
| 4702 | 2.26 | 34.887 | 27.88 |

RES-STACS24-86 CTD 68 RESEARCHER
Date 04 18 86 Latitude 27.807 N
Time 1448 Z Longitude 75.460 W



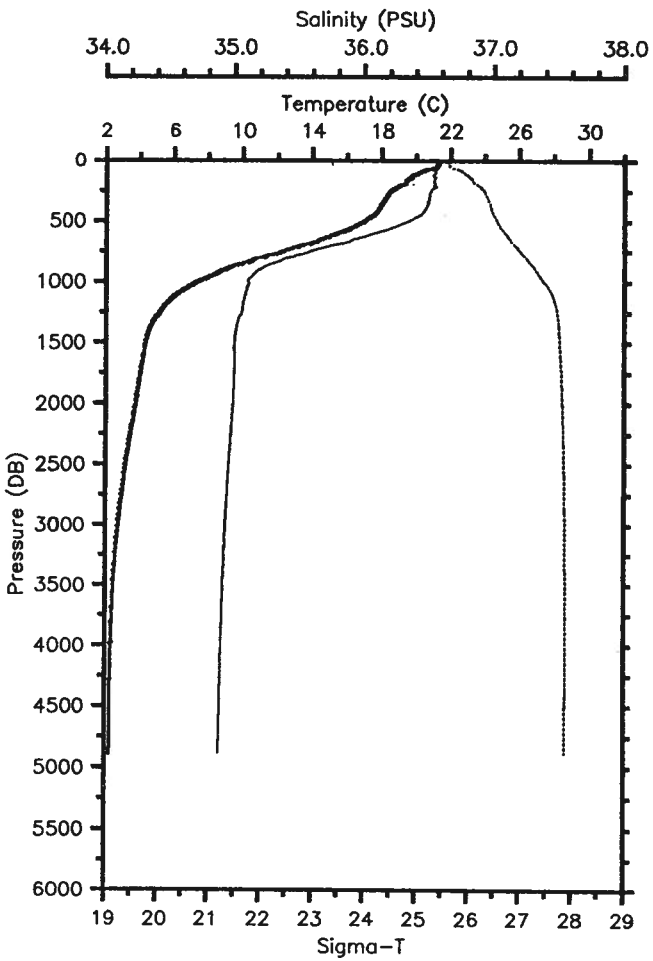

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 22.87 | 36.598 | 25.20 |
| 10 | 22.87 | 36.606 | 25.21 |
| 20 | 22.86 | 36.606 | 25.21 |
| 30 | 22.86 | 36.606 | 25.21 |
| 40 | 22.85 | 36.607 | 25.21 |
| 50 | 22.84 | 36.608 | 25.22 |
| 60 | 22.40 | 36.606 | 25.34 |
| 70 | 22.04 | 36.584 | 25.43 |
| 80 | 21.62 | 36.577 | 25.54 |
| 90 | 21.43 | 36.583 | 25.60 |
| 100 | 21.28 | 36.590 | 25.65 |
| 110 | 21.01 | 36.570 | 25.70 |
| 120 | 20.96 | 36.587 | 25.73 |
| 130 | 20.84 | 36.597 | 25.77 |
| 140 | 20.75 | 36.595 | 25.79 |
| 150 | 20.65 | 36.600 | 25.82 |
| 160 | 20.46 | 36.602 | 25.88 |
| 170 | 20.29 | 36.617 | 25.93 |
| 180 | 20.11 | 36.605 | 25.97 |
| 190 | 19.82 | 36.574 | 26.03 |
| 200 | 19.65 | 36.568 | 26.07 |
| 250 | 18.83 | 36.523 | 26.24 |
| 300 | 18.31 | 36.500 | 26.36 |
| 350 | 18.10 | 36.491 | 26.41 |
| 400 | 17.81 | 36.466 | 26.46 |
| 450 | 17.42 | 36.411 | 26.51 |
| 500 | 16.87 | 36.323 | 26.58 |
| 550 | 16.22 | 36.215 | 26.65 |
| 600 | 15.41 | 36.073 | 26.73 |
| 650 | 14.20 | 35.882 | 26.84 |
| 700 | 13.12 | 35.710 | 26.94 |
| 750 | 11.97 | 35.550 | 27.04 |
| 800 | 10.70 | 35.385 | 27.15 |
| 850 | 9.54 | 35.262 | 27.25 |
| 900 | 8.82 | 35.188 | 27.31 |
| 950 | 7.90 | 35.130 | 27.41 |
| 1000 | 7.19 | 35.102 | 27.49 |
| 1500 | 4.34 | 35.010 | 27.78 |
| 2000 | 3.76 | 34.989 | 27.82 |
| 2500 | 3.23 | 34.962 | 27.85 |
| 3000 | 2.74 | 34.933 | 27.88 |
| 3500 | 2.41 | 34.912 | 27.89 |
| 4000 | 2.31 | 34.901 | 27.89 |
| 4500 | 2.27 | 34.892 | 27.88 |
| 4806 | 2.25 | 34.883 | 27.88 |

RES-STACS24-86 CTD 69 RESEARCHER
Date 04 19 86 Latitude 29.116 N
Time 0117 Z Longitude 74.821 W



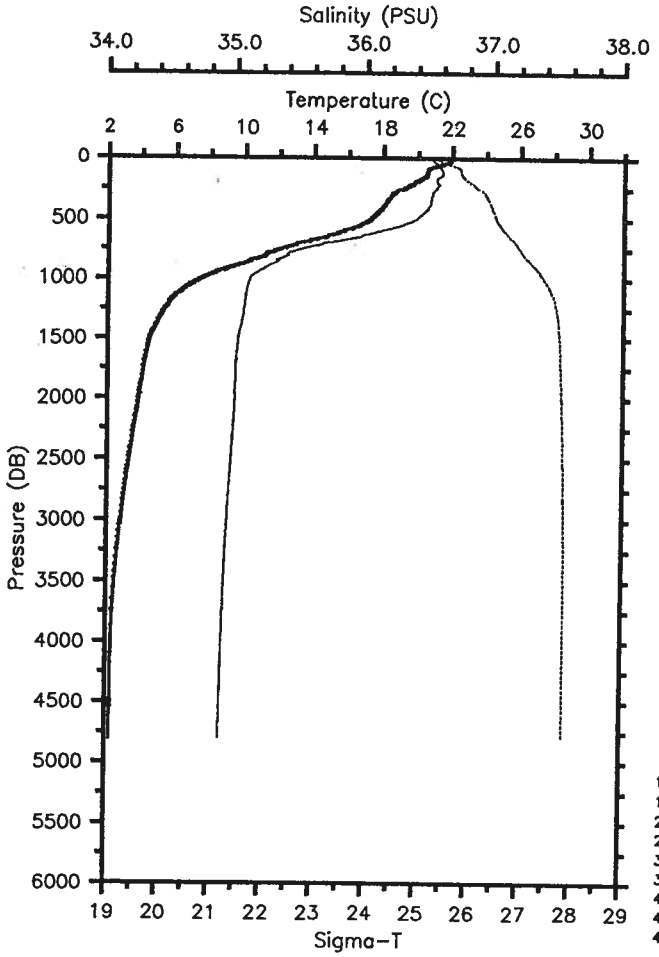

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 22.89 | 36.412 | 25.05 |
| 10 | 22.89 | 36.416 | 25.06 |
| 20 | 22.88 | 36.418 | 25.06 |
| 30 | 22.87 | 36.420 | 25.07 |
| 40 | 22.74 | 36.437 | 25.12 |
| 50 | 22.21 | 36.548 | 25.35 |
| 60 | 21.81 | 36.534 | 25.46 |
| 70 | 21.56 | 36.510 | 25.51 |
| 80 | 21.46 | 36.575 | 25.58 |
| 90 | 21.34 | 36.581 | 25.62 |
| 100 | 21.18 | 36.582 | 25.67 |
| 110 | 20.92 | 36.567 | 25.73 |
| 120 | 20.84 | 36.565 | 25.75 |
| 130 | 20.79 | 36.583 | 25.78 |
| 140 | 20.70 | 36.581 | 25.80 |
| 150 | 20.65 | 36.591 | 25.82 |
| 160 | 20.58 | 36.591 | 25.84 |
| 170 | 20.43 | 36.588 | 25.87 |
| 180 | 20.27 | 36.580 | 25.91 |
| 190 | 20.02 | 36.573 | 25.97 |
| 200 | 19.66 | 36.564 | 26.06 |
| 250 | 18.73 | 36.521 | 26.27 |
| 300 | 18.37 | 36.515 | 26.36 |
| 350 | 18.16 | 36.499 | 26.40 |
| 400 | 17.95 | 36.483 | 26.44 |
| 450 | 17.68 | 36.448 | 26.48 |
| 500 | 17.23 | 36.379 | 26.53 |
| 550 | 16.56 | 36.265 | 26.61 |
| 600 | 15.64 | 36.113 | 26.70 |
| 650 | 14.73 | 35.953 | 26.78 |
| 700 | 13.69 | 35.802 | 26.89 |
| 750 | 12.53 | 35.628 | 26.99 |
| 800 | 10.93 | 35.414 | 27.13 |
| 850 | 10.00 | 35.312 | 27.21 |
| 900 | 8.87 | 35.197 | 27.31 |
| 950 | 8.01 | 35.157 | 27.42 |
| 1000 | 7.15 | 35.107 | 27.50 |
| 1500 | 4.46 | 35.023 | 27.78 |
| 2000 | 3.75 | 34.994 | 27.83 |
| 2500 | 3.18 | 34.961 | 27.86 |
| 3000 | 2.66 | 34.929 | 27.88 |
| 3500 | 2.36 | 34.910 | 27.89 |
| 4000 | 2.27 | 34.898 | 27.89 |
| 4476 | 2.21 | 34.885 | 27.88 |

RES-STACS24-86 CTD 70 RESEARCHER
Date 04 19 86 Latitude 28.988 N
Time 0747 Z Longitude 75.462 W



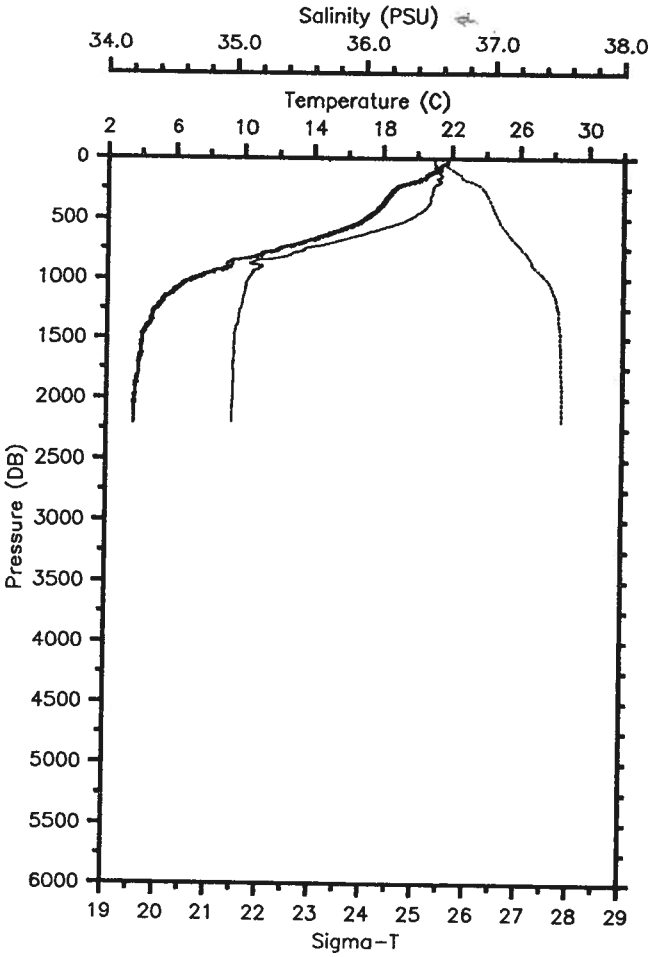

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 21.33 | 36.575 | 25.62 |
| 10 | 21.33 | 36.575 | 25.62 |
| 20 | 21.33 | 36.575 | 25.62 |
| 30 | 21.33 | 36.574 | 25.62 |
| 40 | 21.24 | 36.564 | 25.64 |
| 50 | 21.21 | 36.563 | 25.64 |
| 60 | 21.10 | 36.552 | 25.66 |
| 70 | 20.70 | 36.541 | 25.77 |
| 80 | 20.43 | 36.547 | 25.84 |
| 90 | 20.26 | 36.552 | 25.89 |
| 100 | 20.10 | 36.548 | 25.93 |
| 110 | 20.01 | 36.537 | 25.95 |
| 120 | 19.80 | 36.532 | 26.00 |
| 130 | 19.75 | 36.540 | 26.02 |
| 140 | 19.65 | 36.542 | 26.05 |
| 150 | 19.55 | 36.540 | 26.07 |
| 160 | 19.47 | 36.537 | 26.09 |
| 170 | 19.44 | 36.537 | 26.10 |
| 180 | 19.41 | 36.538 | 26.11 |
| 190 | 19.32 | 36.541 | 26.13 |
| 200 | 19.11 | 36.536 | 26.18 |
| 250 | 18.56 | 36.514 | 26.31 |
| 300 | 18.28 | 36.500 | 26.37 |
| 350 | 18.07 | 36.491 | 26.41 |
| 400 | 17.83 | 36.468 | 26.46 |
| 450 | 17.56 | 36.435 | 26.50 |
| 500 | 17.02 | 36.347 | 26.56 |
| 550 | 16.34 | 36.231 | 26.63 |
| 600 | 15.43 | 36.079 | 26.72 |
| 650 | 14.49 | 35.921 | 26.81 |
| 700 | 13.47 | 35.769 | 26.91 |
| 750 | 12.38 | 35.601 | 27.00 |
| 800 | 11.21 | 35.450 | 27.11 |
| 850 | 10.00 | 35.305 | 27.21 |
| 900 | 8.94 | 35.196 | 27.30 |
| 950 | 8.16 | 35.139 | 27.38 |
| 1000 | 7.39 | 35.101 | 27.46 |
| 1500 | 4.33 | 35.001 | 27.77 |
| 2000 | 3.77 | 34.991 | 27.82 |
| 2500 | 3.18 | 34.959 | 27.86 |
| 3000 | 2.75 | 34.934 | 27.88 |
| 3500 | 2.48 | 34.916 | 27.89 |
| 4000 | 2.35 | 34.904 | 27.89 |
| 4500 | 2.30 | 34.894 | 27.88 |
| 4882 | 2.27 | 34.884 | 27.88 |

RES-STACS24-86 CTD 71 RESEARCHER
Date 04 19 86 Latitude 28.997 N
Time 1239 Z Longitude 76.150 W



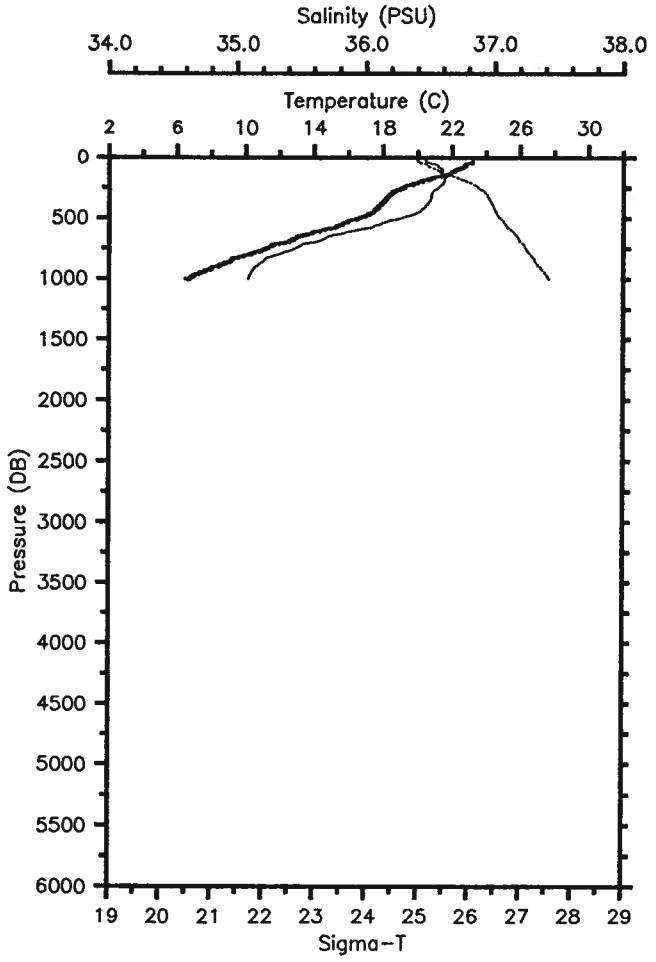

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 21.93 | 36.510 | 25.40 |
| 10 | 21.93 | 36.509 | 25.40 |
| 20 | 21.93 | 36.509 | 25.40 |
| 30 | 21.84 | 36.521 | 25.44 |
| 40 | 21.68 | 36.541 | 25.50 |
| 50 | 21.48 | 36.543 | 25.55 |
| 60 | 21.10 | 36.562 | 25.67 |
| 70 | 20.92 | 36.574 | 25.73 |
| 80 | 20.66 | 36.569 | 25.80 |
| 90 | 20.60 | 36.578 | 25.82 |
| 100 | 20.60 | 36.587 | 25.83 |
| 110 | 20.59 | 36.589 | 25.83 |
| 120 | 20.57 | 36.592 | 25.84 |
| 130 | 20.55 | 36.593 | 25.85 |
| 140 | 20.52 | 36.590 | 25.85 |
| 150 | 20.41 | 36.577 | 25.87 |
| 160 | 20.27 | 36.559 | 25.90 |
| 170 | 20.17 | 36.546 | 25.91 |
| 180 | 20.06 | 36.542 | 25.94 |
| 190 | 19.88 | 36.548 | 25.99 |
| 200 | 19.80 | 36.548 | 26.01 |
| 250 | 19.20 | 36.545 | 26.17 |
| 300 | 18.51 | 36.511 | 26.32 |
| 350 | 18.22 | 36.498 | 26.38 |
| 400 | 17.93 | 36.484 | 26.44 |
| 450 | 17.64 | 36.444 | 26.48 |
| 500 | 17.28 | 36.390 | 26.53 |
| 550 | 16.66 | 36.288 | 26.60 |
| 600 | 15.72 | 36.121 | 26.69 |
| 650 | 14.74 | 35.962 | 26.79 |
| 700 | 13.32 | 35.729 | 26.91 |
| 750 | 12.07 | 35.516 | 26.99 |
| 800 | 11.20 | 35.393 | 27.06 |
| 850 | 10.32 | 35.330 | 27.17 |
| 900 | 9.29 | 35.240 | 27.28 |
| 950 | 8.31 | 35.166 | 27.38 |
| 1000 | 7.45 | 35.106 | 27.46 |
| 1500 | 4.48 | 35.016 | 27.77 |
| 2000 | 3.85 | 34.992 | 27.82 |
| 2500 | 3.29 | 34.965 | 27.85 |
| 3000 | 2.85 | 34.938 | 27.87 |
| 3500 | 2.50 | 34.916 | 27.88 |
| 4000 | 2.34 | 34.903 | 27.89 |
| 4500 | 2.29 | 34.894 | 27.88 |
| 4802 | 2.28 | 34.887 | 27.88 |

RES-STACS24-86 CTD 72 RESEARCHER
Date 04 19 86 Latitude 29.000 N
Time 1749 Z Longitude 76.803 W



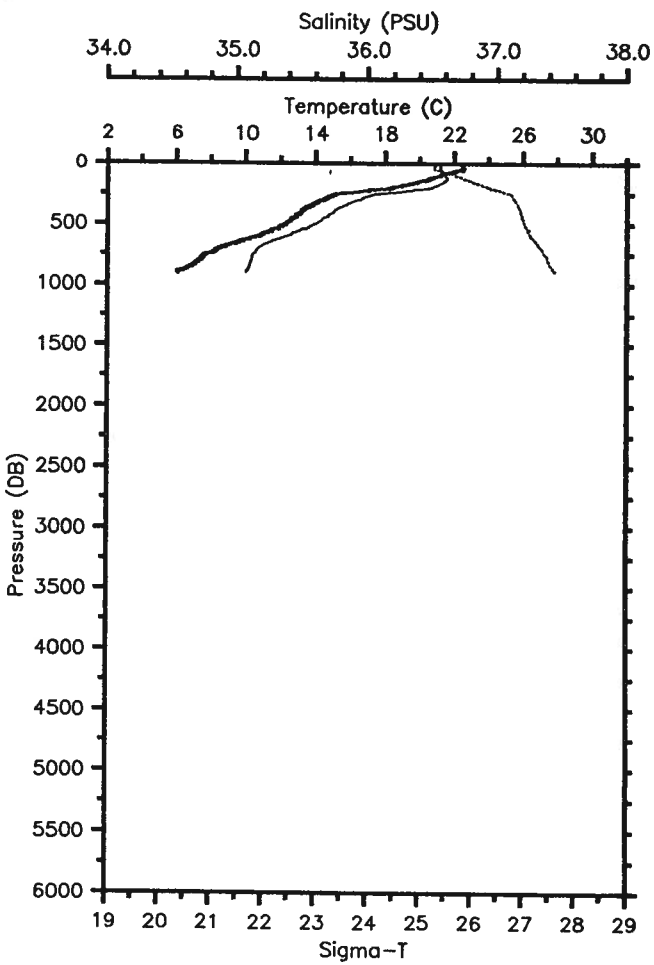

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 21.75 | 36.531 | 25.47 |
| 10 | 21.75 | 36.531 | 25.47 |
| 20 | 21.74 | 36.530 | 25.47 |
| 30 | 21.72 | 36.529 | 25.48 |
| 40 | 21.71 | 36.529 | 25.48 |
| 50 | 21.70 | 36.531 | 25.48 |
| 60 | 21.40 | 36.539 | 25.57 |
| 70 | 21.33 | 36.539 | 25.59 |
| 80 | 21.29 | 36.548 | 25.61 |
| 90 | 21.20 | 36.565 | 25.65 |
| 100 | 21.11 | 36.586 | 25.69 |
| 110 | 20.97 | 36.586 | 25.73 |
| 120 | 20.80 | 36.568 | 25.76 |
| 130 | 20.66 | 36.575 | 25.80 |
| 140 | 20.53 | 36.590 | 25.85 |
| 150 | 20.50 | 36.590 | 25.86 |
| 160 | 20.46 | 36.583 | 25.86 |
| 170 | 20.26 | 36.549 | 25.89 |
| 180 | 20.16 | 36.566 | 25.93 |
| 190 | 19.86 | 36.582 | 26.02 |
| 200 | 19.58 | 36.571 | 26.09 |
| 250 | 18.73 | 36.522 | 26.27 |
| 300 | 18.43 | 36.515 | 26.34 |
| 350 | 18.13 | 36.500 | 26.40 |
| 400 | 17.83 | 36.471 | 26.46 |
| 450 | 17.42 | 36.414 | 26.51 |
| 500 | 16.98 | 36.341 | 26.56 |
| 550 | 16.32 | 36.225 | 26.63 |
| 600 | 15.46 | 36.078 | 26.72 |
| 650 | 14.41 | 35.915 | 26.82 |
| 700 | 13.35 | 35.749 | 26.92 |
| 750 | 12.02 | 35.537 | 27.02 |
| 800 | 11.00 | 35.428 | 27.13 |
| 850 | 9.38 | 35.177 | 27.21 |
| 900 | 9.11 | 35.194 | 27.27 |
| 950 | 8.07 | 35.136 | 27.39 |
| 1000 | 7.09 | 35.100 | 27.51 |
| 1500 | 4.07 | 34.990 | 27.79 |
| 2000 | 3.64 | 34.981 | 27.83 |
| 2190 | 3.61 | 34.980 | 27.83 |

RES-STACS24-86 CTD 73 RESEARCHER
Date 04 19 86 Latitude 29.003 N
Time 2230 Z Longitude 77.470 W



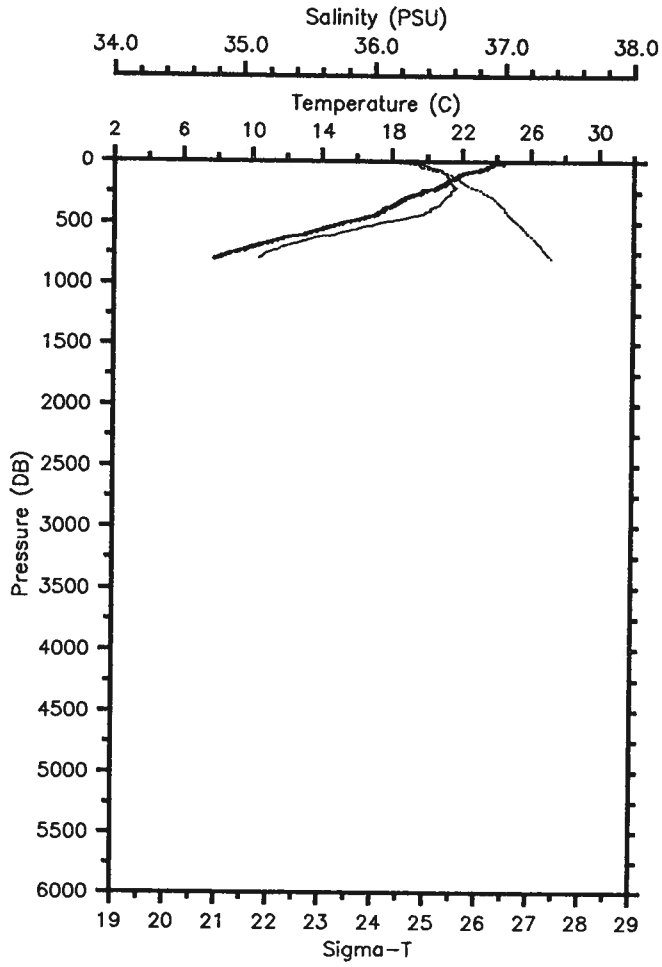

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 23.20 | 36.462 | 25.00 |
| 10 | 23.21 | 36.460 | 25.00 |
| 20 | 23.21 | 36.461 | 25.00 |
| 30 | 23.22 | 36.462 | 25.00 |
| 40 | 23.21 | 36.465 | 25.00 |
| 50 | 23.00 | 36.503 | 25.09 |
| 60 | 22.83 | 36.547 | 25.18 |
| 70 | 22.76 | 36.559 | 25.20 |
| 80 | 22.67 | 36.564 | 25.23 |
| 90 | 22.50 | 36.576 | 25.29 |
| 100 | 22.27 | 36.594 | 25.37 |
| 110 | 22.16 | 36.592 | 25.40 |
| 120 | 22.02 | 36.588 | 25.44 |
| 130 | 21.93 | 36.584 | 25.46 |
| 140 | 21.74 | 36.586 | 25.51 |
| 150 | 21.41 | 36.588 | 25.61 |
| 160 | 21.07 | 36.625 | 25.73 |
| 170 | 20.80 | 36.613 | 25.79 |
| 180 | 20.62 | 36.612 | 25.84 |
| 190 | 20.31 | 36.607 | 25.92 |
| 200 | 20.11 | 36.607 | 25.98 |
| 250 | 19.18 | 36.560 | 26.18 |
| 300 | 18.45 | 36.507 | 26.33 |
| 350 | 18.12 | 36.498 | 26.41 |
| 400 | 17.74 | 36.462 | 26.47 |
| 450 | 17.37 | 36.410 | 26.52 |
| 500 | 16.57 | 36.278 | 26.61 |
| 550 | 15.62 | 36.111 | 26.71 |
| 600 | 14.42 | 35.925 | 26.83 |
| 650 | 13.04 | 35.714 | 26.95 |
| 700 | 12.32 | 35.607 | 27.02 |
| 750 | 11.24 | 35.455 | 27.10 |
| 800 | 10.27 | 35.332 | 27.18 |
| 850 | 9.13 | 35.212 | 27.28 |
| 900 | 8.31 | 35.152 | 27.37 |
| 950 | 7.39 | 35.108 | 27.47 |
| 1000 | 6.70 | 35.085 | 27.55 |
| 1004 | 6.51 | 35.086 | 27.57 |

RES-STACS24-86 CTD 74 RESEARCHER
Date 04 20 86 Latitude 28.998 N
Time 0143 Z Longitude 78.138 W



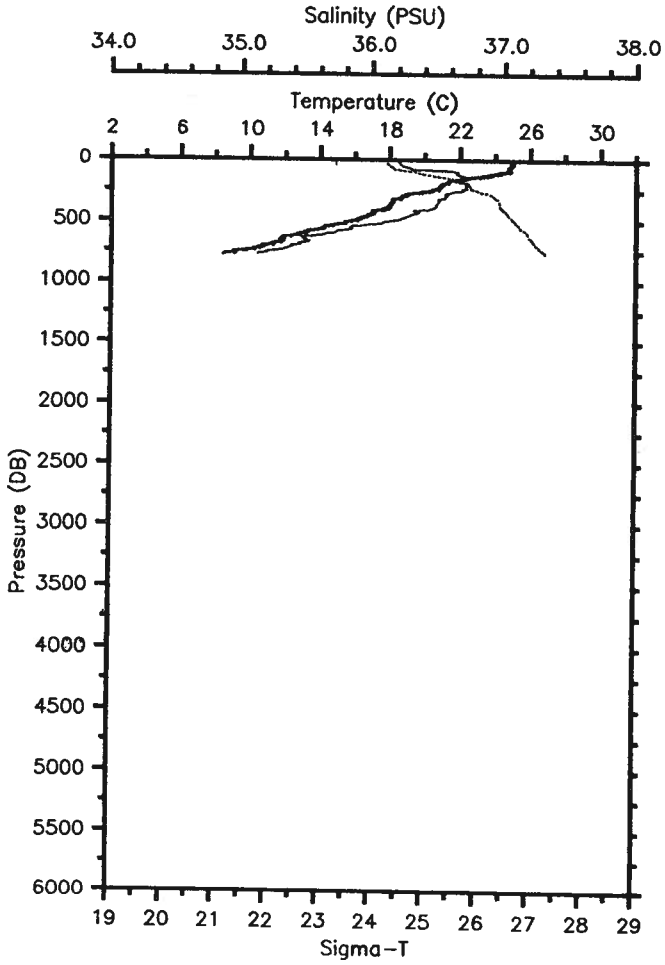

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 22.48 | 36.558 | 25.29 |
| 10 | 22.47 | 36.558 | 25.29 |
| 20 | 22.48 | 36.558 | 25.28 |
| 30 | 22.48 | 36.559 | 25.28 |
| 40 | 22.49 | 36.558 | 25.28 |
| 50 | 22.48 | 36.557 | 25.28 |
| 60 | 22.17 | 36.567 | 25.38 |
| 70 | 21.97 | 36.576 | 25.44 |
| 80 | 21.64 | 36.586 | 25.54 |
| 90 | 21.34 | 36.599 | 25.64 |
| 100 | 21.21 | 36.599 | 25.67 |
| 110 | 20.90 | 36.600 | 25.76 |
| 120 | 20.65 | 36.612 | 25.84 |
| 130 | 20.51 | 36.606 | 25.87 |
| 140 | 20.22 | 36.601 | 25.94 |
| 150 | 19.91 | 36.592 | 26.02 |
| 160 | 19.69 | 36.578 | 26.07 |
| 170 | 19.37 | 36.558 | 26.13 |
| 180 | 19.02 | 36.538 | 26.21 |
| 190 | 18.74 | 36.516 | 26.26 |
| 200 | 18.35 | 36.490 | 26.34 |
| 250 | 15.29 | 36.084 | 26.76 |
| 300 | 14.52 | 35.944 | 26.82 |
| 350 | 13.74 | 35.822 | 26.90 |
| 400 | 13.20 | 35.741 | 26.94 |
| 450 | 12.75 | 35.669 | 26.98 |
| 500 | 12.31 | 35.607 | 27.02 |
| 550 | 11.51 | 35.487 | 27.08 |
| 600 | 10.77 | 35.393 | 27.14 |
| 650 | 9.61 | 35.261 | 27.24 |
| 700 | 8.54 | 35.167 | 27.34 |
| 750 | 7.79 | 35.125 | 27.42 |
| 800 | 7.37 | 35.107 | 27.47 |
| 850 | 6.91 | 35.093 | 27.53 |
| 900 | 6.07 | 35.068 | 27.62 |
| 902 | 6.05 | 35.068 | 27.62 |

RES-STACS24-86 CTD 75 RESEARCHER
Date 04 20 86 Latitude 29.005 N
Time 0536 Z Longitude 78.808 W



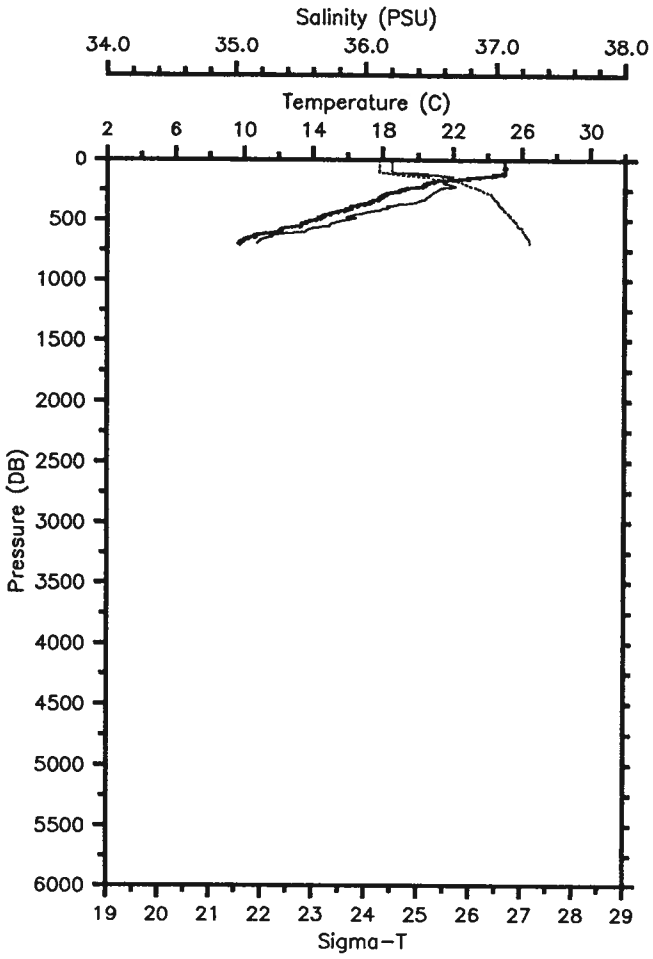

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 24.40 | 36.245 | 24.48 |
| 10 | 24.41 | 36.245 | 24.48 |
| 20 | 24.04 | 36.302 | 24.64 |
| 30 | 23.73 | 36.371 | 24.78 |
| 40 | 23.54 | 36.411 | 24.87 |
| 50 | 23.47 | 36.419 | 24.89 |
| 60 | 23.22 | 36.470 | 25.00 |
| 70 | 23.04 | 36.506 | 25.08 |
| 80 | 22.72 | 36.513 | 25.18 |
| 90 | 22.33 | 36.524 | 25.30 |
| 100 | 22.03 | 36.534 | 25.39 |
| 110 | 21.84 | 36.554 | 25.46 |
| 120 | 21.78 | 36.554 | 25.48 |
| 130 | 21.68 | 36.558 | 25.51 |
| 140 | 21.57 | 36.574 | 25.55 |
| 150 | 21.33 | 36.572 | 25.62 |
| 160 | 21.22 | 36.571 | 25.65 |
| 170 | 21.15 | 36.577 | 25.67 |
| 180 | 21.06 | 36.587 | 25.70 |
| 190 | 20.93 | 36.595 | 25.75 |
| 200 | 20.74 | 36.603 | 25.80 |
| 250 | 19.74 | 36.583 | 26.06 |
| 300 | 18.73 | 36.536 | 26.28 |
| 350 | 18.20 | 36.498 | 26.39 |
| 400 | 17.53 | 36.424 | 26.49 |
| 450 | 16.67 | 36.288 | 26.60 |
| 500 | 15.27 | 36.055 | 26.74 |
| 550 | 14.10 | 35.873 | 26.86 |
| 600 | 13.03 | 35.711 | 26.95 |
| 650 | 11.41 | 35.479 | 27.09 |
| 700 | 10.09 | 35.319 | 27.20 |
| 750 | 8.89 | 35.183 | 27.30 |
| 800 | 7.81 | 35.118 | 27.42 |

RES-STACS24-86 CTD 76 RESEARCHER
Date 04 20 86 Latitude 29.011 N
Time 1111 Z Longitude 79.100 W



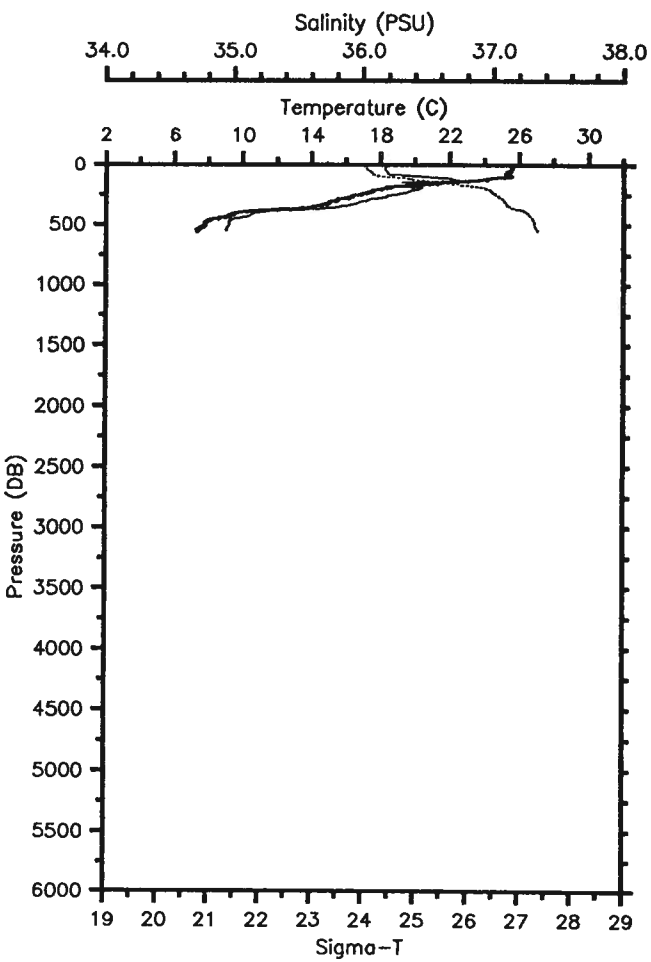

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.04 | 36.201 | 24.26 |
| 10 | 25.04 | 36.195 | 24.25 |
| 20 | 25.04 | 36.198 | 24.25 |
| 30 | 24.96 | 36.209 | 24.29 |
| 40 | 24.92 | 36.218 | 24.31 |
| 50 | 24.89 | 36.230 | 24.33 |
| 60 | 24.80 | 36.271 | 24.38 |
| 70 | 24.77 | 36.287 | 24.40 |
| 80 | 24.78 | 36.319 | 24.43 |
| 90 | 24.74 | 36.589 | 24.64 |
| 100 | 24.26 | 36.648 | 24.83 |
| 110 | 23.96 | 36.642 | 24.92 |
| 120 | 23.57 | 36.657 | 25.04 |
| 130 | 23.16 | 36.708 | 25.20 |
| 140 | 22.63 | 36.696 | 25.34 |
| 150 | 22.13 | 36.734 | 25.52 |
| 160 | 21.82 | 36.705 | 25.58 |
| 170 | 21.39 | 36.639 | 25.65 |
| 180 | 21.33 | 36.664 | 25.69 |
| 190 | 21.07 | 36.723 | 25.80 |
| 200 | 20.94 | 36.712 | 25.83 |
| 250 | 20.28 | 36.690 | 25.99 |
| 300 | 18.72 | 36.557 | 26.30 |
| 350 | 18.13 | 36.500 | 26.41 |
| 400 | 17.67 | 36.443 | 26.48 |
| 450 | 16.78 | 36.292 | 26.58 |
| 500 | 15.82 | 36.146 | 26.69 |
| 550 | 14.27 | 35.833 | 26.79 |
| 600 | 13.16 | 35.713 | 26.93 |
| 650 | 11.84 | 35.462 | 27.00 |
| 700 | 11.21 | 35.449 | 27.11 |
| 750 | 9.69 | 35.266 | 27.23 |
| 776 | 8.51 | 35.121 | 27.31 |

RES-STACS24-86 CTD 77 RESEARCHER
Date 04 20 86 Latitude 29.042 N
Time 1305 Z Longitude 79.450 W



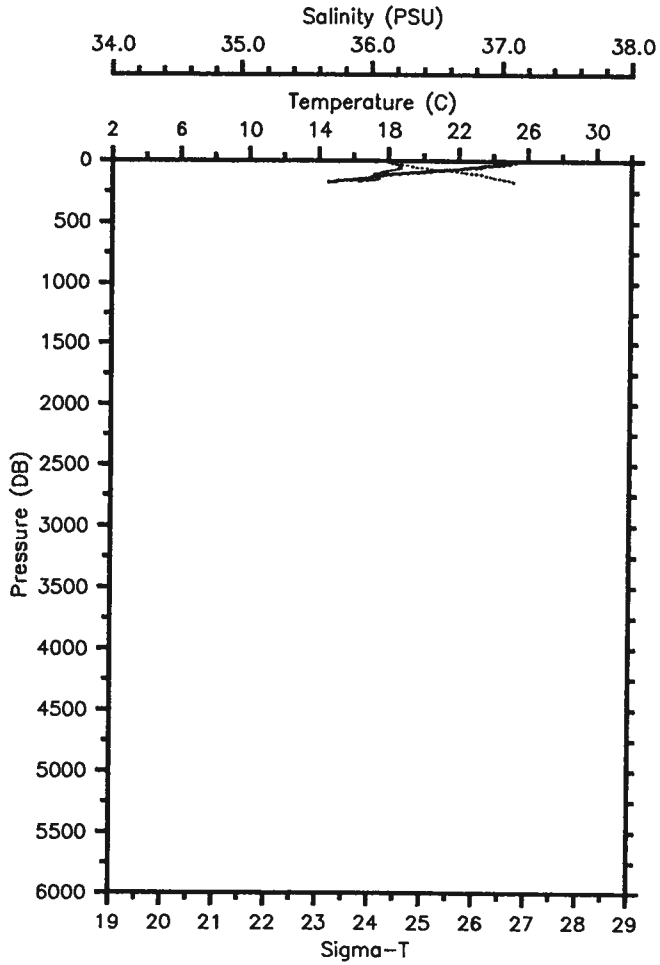

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.01 | 36.203 | 24.27 |
| 10 | 25.00 | 36.203 | 24.27 |
| 20 | 25.00 | 36.202 | 24.27 |
| 30 | 25.00 | 36.202 | 24.27 |
| 40 | 25.00 | 36.203 | 24.27 |
| 50 | 25.00 | 36.203 | 24.27 |
| 60 | 25.00 | 36.203 | 24.27 |
| 70 | 25.01 | 36.203 | 24.27 |
| 80 | 25.01 | 36.203 | 24.27 |
| 90 | 25.01 | 36.202 | 24.27 |
| 100 | 25.01 | 36.202 | 24.27 |
| 110 | 25.01 | 36.212 | 24.27 |
| 120 | 24.67 | 36.416 | 24.53 |
| 130 | 24.57 | 36.576 | 24.68 |
| 140 | 24.12 | 36.648 | 24.87 |
| 150 | 22.94 | 36.642 | 25.21 |
| 160 | 22.40 | 36.691 | 25.41 |
| 170 | 21.74 | 36.647 | 25.56 |
| 180 | 20.95 | 36.606 | 25.75 |
| 190 | 20.66 | 36.610 | 25.82 |
| 200 | 20.43 | 36.605 | 25.89 |
| 250 | 19.06 | 36.559 | 26.21 |
| 300 | 18.03 | 36.489 | 26.42 |
| 350 | 17.34 | 36.403 | 26.53 |
| 400 | 16.20 | 36.174 | 26.62 |
| 450 | 15.02 | 35.975 | 26.74 |
| 500 | 14.19 | 35.879 | 26.84 |
| 550 | 13.30 | 35.726 | 26.91 |
| 600 | 12.07 | 35.546 | 27.02 |
| 650 | 10.40 | 35.260 | 27.10 |
| 700 | 9.73 | 35.167 | 27.15 |

RES-STACS24-86 CTD 78 RESEARCHER
Date 04 20 86 Latitude 29.066 N
Time 1602 Z Longitude 79.821 W



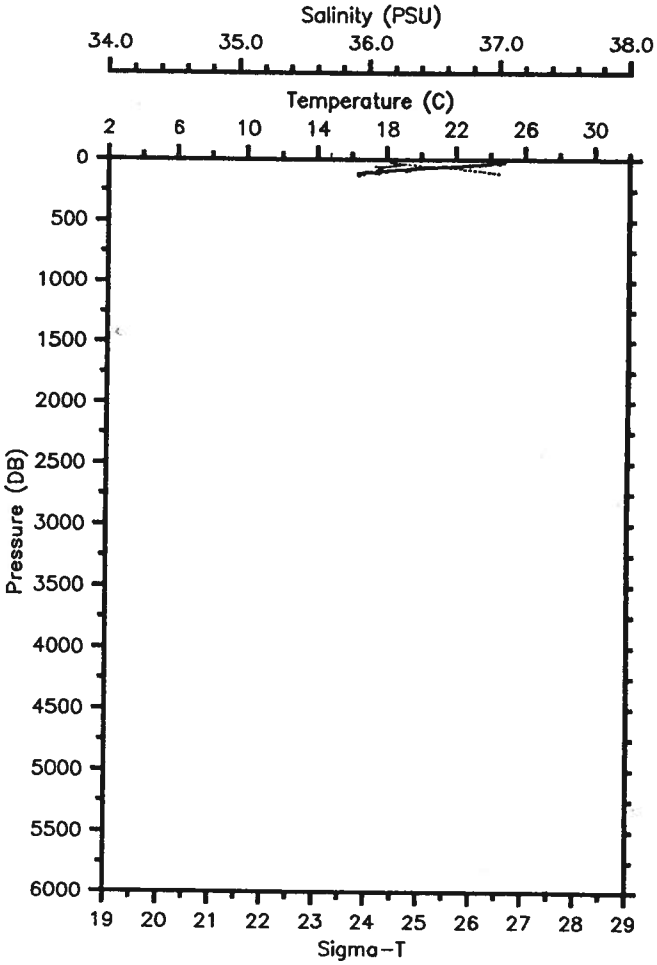

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.63 | 36.176 | 24.06 |
| 10 | 25.61 | 36.173 | 24.06 |
| 20 | 25.59 | 36.172 | 24.07 |
| 30 | 25.58 | 36.171 | 24.07 |
| 40 | 25.55 | 36.169 | 24.08 |
| 50 | 25.47 | 36.176 | 24.11 |
| 60 | 25.34 | 36.186 | 24.15 |
| 70 | 25.26 | 36.191 | 24.18 |
| 80 | 25.25 | 36.197 | 24.19 |
| 90 | 25.38 | 36.319 | 24.24 |
| 100 | 25.42 | 36.471 | 24.34 |
| 110 | 24.63 | 36.615 | 24.70 |
| 120 | 24.14 | 36.688 | 24.90 |
| 130 | 23.65 | 36.733 | 25.08 |
| 140 | 22.73 | 36.635 | 25.27 |
| 150 | 20.98 | 36.298 | 25.51 |
| 160 | 21.10 | 36.568 | 25.68 |
| 170 | 20.11 | 36.466 | 25.87 |
| 180 | 19.02 | 36.364 | 26.08 |
| 190 | 18.51 | 36.425 | 26.25 |
| 200 | 18.14 | 36.439 | 26.36 |
| 250 | 16.78 | 36.253 | 26.55 |
| 300 | 15.42 | 36.030 | 26.69 |
| 350 | 14.15 | 35.824 | 26.81 |
| 400 | 9.80 | 35.179 | 27.14 |
| 450 | 8.51 | 35.032 | 27.24 |
| 500 | 7.81 | 34.958 | 27.29 |
| 550 | 7.32 | 34.936 | 27.34 |
| 552 | 7.30 | 34.936 | 27.35 |

RES-STACS24-86 CTD 79 RESEARCHER
Date 04 20 86 Latitude 29.022 N
Time 1806 Z Longitude 80.029 W



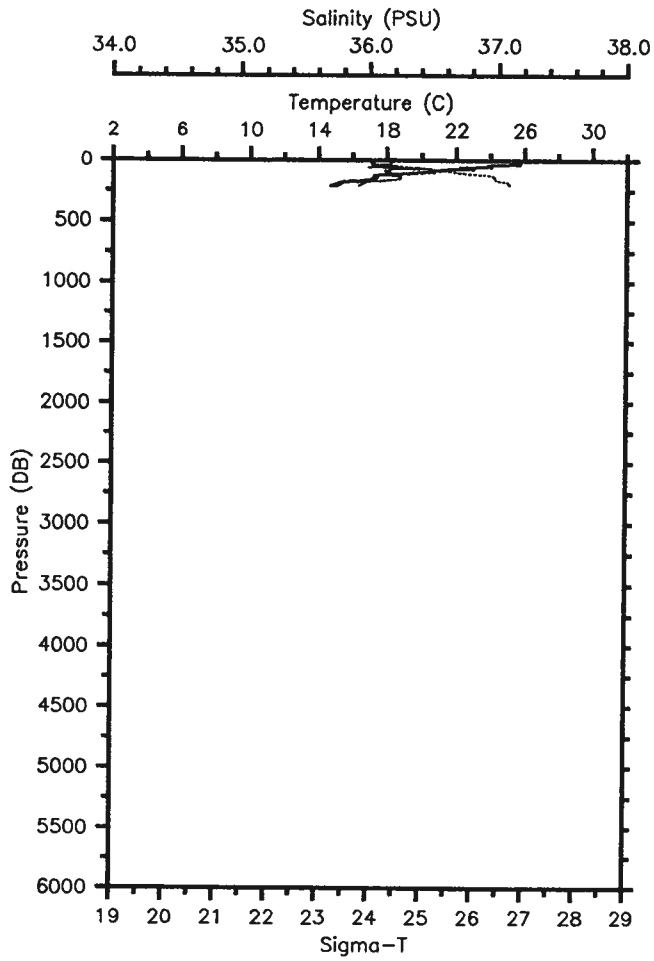

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.26 | 36.211 | 24.20 |
| 10 | 25.01 | 36.221 | 24.28 |
| 20 | 24.91 | 36.223 | 24.31 |
| 30 | 24.52 | 36.224 | 24.43 |
| 40 | 23.55 | 36.213 | 24.71 |
| 50 | 23.25 | 36.227 | 24.81 |
| 60 | 22.43 | 36.193 | 25.02 |
| 70 | 21.87 | 36.210 | 25.19 |
| 80 | 20.78 | 36.140 | 25.44 |
| 90 | 20.13 | 36.109 | 25.59 |
| 100 | 19.11 | 36.057 | 25.82 |
| 110 | 18.18 | 36.025 | 26.03 |
| 120 | 17.66 | 36.015 | 26.15 |
| 130 | 17.19 | 36.019 | 26.27 |
| 140 | 16.96 | 36.034 | 26.33 |
| 150 | 16.35 | 36.065 | 26.50 |
| 160 | 15.59 | 35.996 | 26.62 |
| 170 | 14.97 | 35.928 | 26.71 |
| 176 | 14.60 | 35.895 | 26.77 |

RES-STACS24-86 CTD 80 RESEARCHER
Date 04 21 86 Latitude 27.005 N
Time 0706 Z Longitude 79.933 W



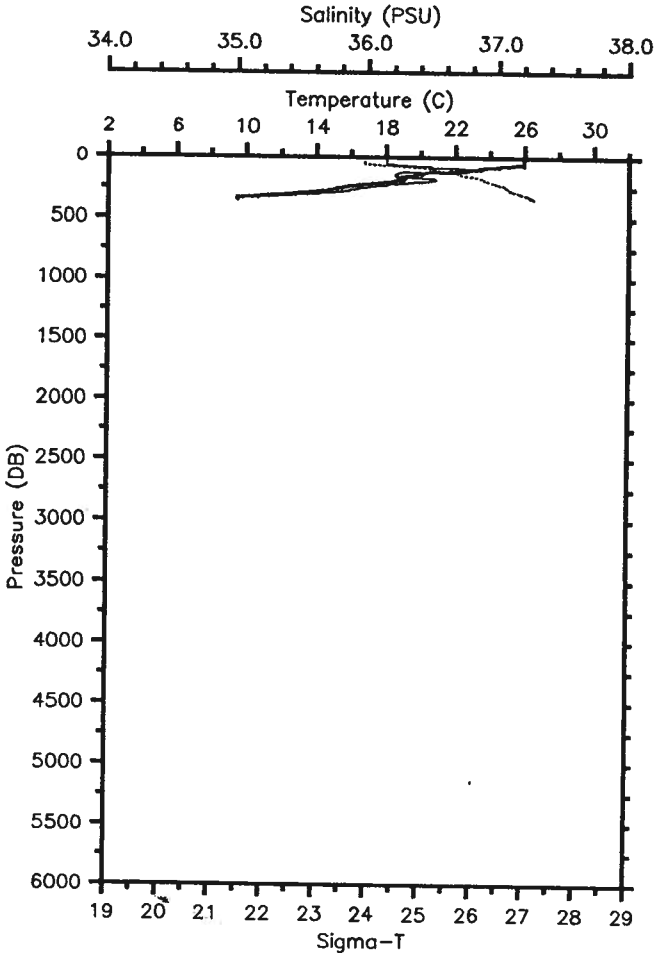

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 24.75 | 36.173 | 24.33 |
| 10 | 24.74 | 36.187 | 24.34 |
| 20 | 24.74 | 36.190 | 24.34 |
| 30 | 24.18 | 36.184 | 24.50 |
| 40 | 23.56 | 36.271 | 24.75 |
| 50 | 22.61 | 36.192 | 24.97 |
| 60 | 21.63 | 36.142 | 25.21 |
| 70 | 19.97 | 36.076 | 25.61 |
| 80 | 19.29 | 36.073 | 25.78 |
| 90 | 18.39 | 36.052 | 26.00 |
| 100 | 17.71 | 36.072 | 26.18 |
| 110 | 16.70 | 36.018 | 26.38 |
| 120 | 16.42 | 36.072 | 26.49 |
| 122 | 16.40 | 36.073 | 26.50 |

RES-STACS24-86 CTD 81 RESEARCHER
Date 04 21 86 Latitude 27.026 N
Time 0943 Z Longitude 79.873 W



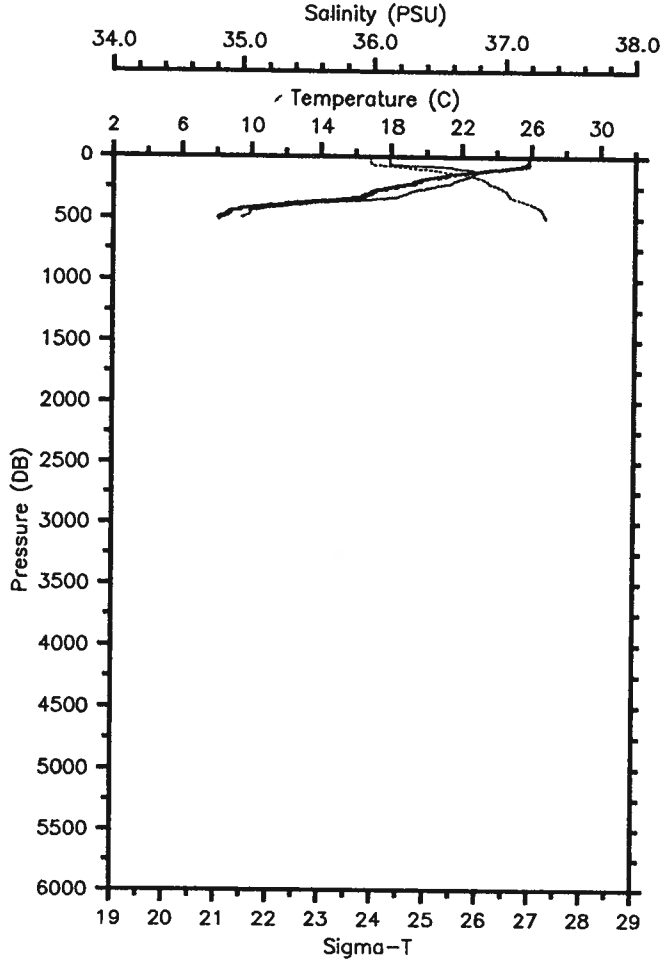

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.72 | 36.160 | 24.01 |
| 10 | 25.72 | 36.161 | 24.02 |
| 20 | 25.71 | 36.161 | 24.02 |
| 30 | 25.71 | 36.158 | 24.02 |
| 40 | 24.20 | 36.033 | 24.38 |
| 50 | 23.92 | 36.179 | 24.58 |
| 60 | 22.55 | 35.983 | 24.83 |
| 70 | 22.95 | 36.476 | 25.09 |
| 80 | 21.33 | 36.157 | 25.30 |
| 90 | 20.72 | 36.129 | 25.45 |
| 100 | 20.13 | 36.154 | 25.63 |
| 110 | 19.31 | 36.131 | 25.82 |
| 120 | 18.10 | 36.109 | 26.11 |
| 130 | 17.33 | 36.178 | 26.36 |
| 140 | 17.32 | 36.238 | 26.40 |
| 150 | 17.23 | 36.235 | 26.42 |
| 160 | 17.13 | 36.211 | 26.43 |
| 170 | 16.50 | 36.078 | 26.47 |
| 180 | 15.51 | 35.965 | 26.62 |
| 190 | 15.19 | 35.955 | 26.68 |
| 200 | 15.01 | 35.926 | 26.70 |
| 210 | 14.76 | 35.915 | 26.75 |

RES-STACS24-86 CTD 82 RESEARCHER
Date 04 21 86 Latitude 27.009 N
Time 1146 Z Longitude 79.783 W



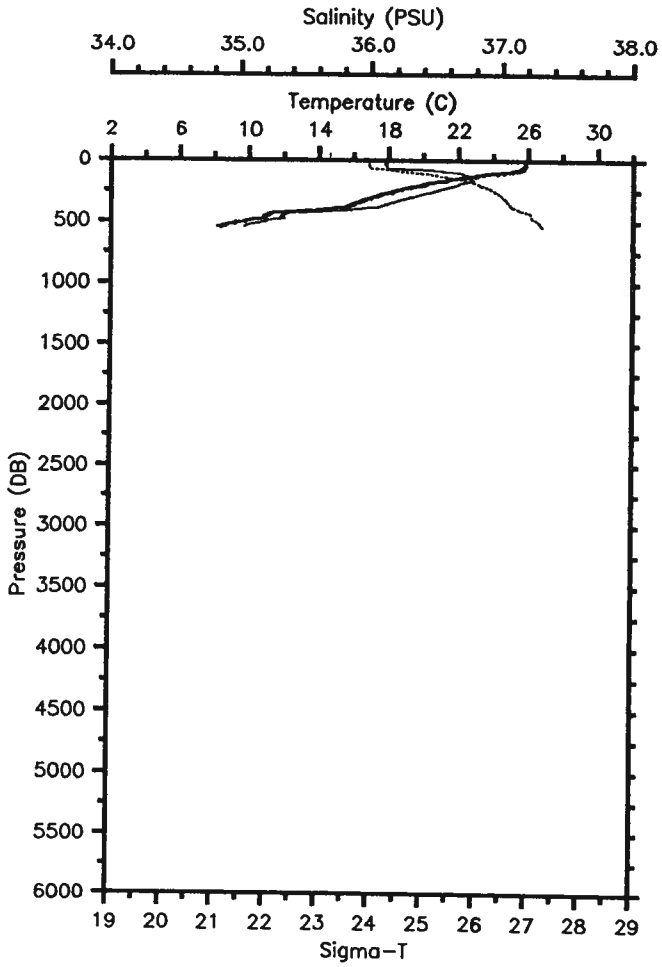

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.93 | 36.141 | 23.94 |
| 10 | 25.95 | 36.140 | 23.93 |
| 20 | 25.95 | 36.140 | 23.93 |
| 30 | 25.95 | 36.140 | 23.93 |
| 40 | 25.96 | 36.140 | 23.93 |
| 50 | 25.96 | 36.140 | 23.93 |
| 60 | 25.80 | 36.167 | 24.00 |
| 70 | 24.98 | 36.307 | 24.35 |
| 80 | 24.07 | 36.485 | 24.76 |
| 90 | 23.59 | 36.727 | 25.09 |
| 100 | 23.22 | 36.777 | 25.24 |
| 110 | 22.49 | 36.678 | 25.37 |
| 120 | 21.69 | 36.529 | 25.48 |
| 130 | 20.13 | 36.232 | 25.69 |
| 140 | 19.89 | 36.217 | 25.74 |
| 150 | 19.55 | 36.216 | 25.82 |
| 160 | 18.95 | 36.200 | 25.97 |
| 170 | 19.01 | 36.400 | 26.10 |
| 180 | 18.97 | 36.511 | 26.20 |
| 190 | 18.79 | 36.506 | 26.24 |
| 200 | 18.49 | 36.448 | 26.27 |
| 250 | 15.50 | 35.988 | 26.64 |
| 300 | 12.77 | 35.626 | 26.94 |
| 348 | 9.48 | 35.151 | 27.18 |

RES-STACS24-86 CTD 83 RESEARCHER
Date 04 21 86 Latitude 27.011 N
Time 1312 Z Longitude 79.679 W



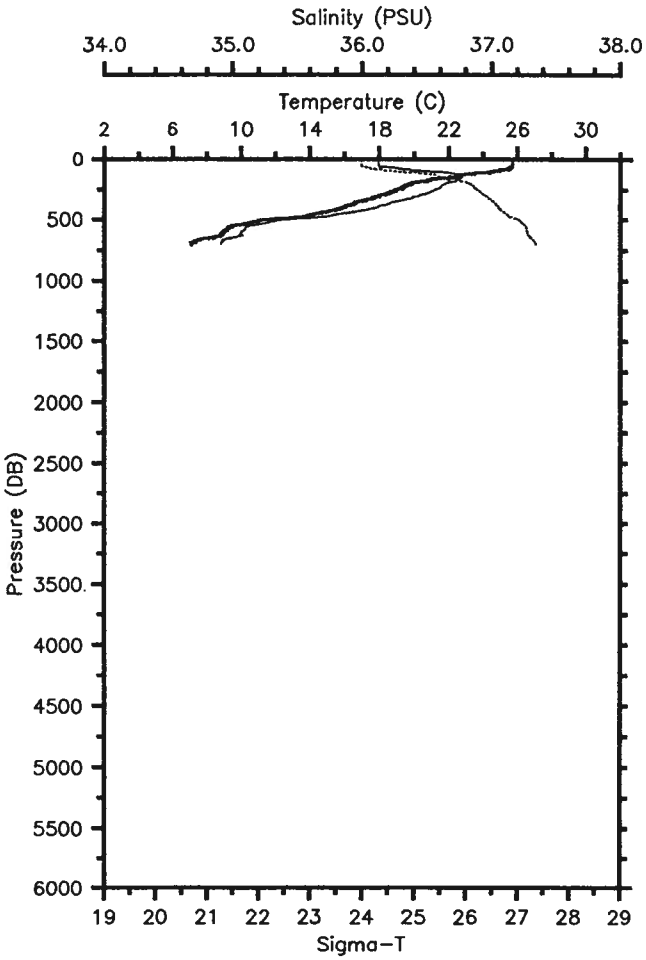

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.85 | 36.121 | 23.95 |
| 10 | 25.86 | 36.120 | 23.94 |
| 20 | 25.86 | 36.119 | 23.94 |
| 30 | 25.85 | 36.120 | 23.94 |
| 40 | 25.85 | 36.119 | 23.95 |
| 50 | 25.84 | 36.120 | 23.95 |
| 60 | 25.83 | 36.125 | 23.96 |
| 70 | 25.61 | 36.188 | 24.07 |
| 80 | 25.20 | 36.538 | 24.46 |
| 90 | 24.75 | 36.598 | 24.64 |
| 100 | 24.21 | 36.666 | 24.86 |
| 110 | 23.47 | 36.755 | 25.15 |
| 120 | 23.00 | 36.770 | 25.29 |
| 130 | 22.21 | 36.781 | 25.53 |
| 140 | 21.69 | 36.757 | 25.66 |
| 150 | 21.20 | 36.741 | 25.78 |
| 160 | 20.86 | 36.733 | 25.87 |
| 170 | 20.58 | 36.702 | 25.92 |
| 180 | 20.02 | 36.674 | 26.05 |
| 190 | 19.70 | 36.635 | 26.10 |
| 200 | 19.48 | 36.614 | 26.15 |
| 250 | 18.05 | 36.445 | 26.38 |
| 300 | 16.79 | 36.255 | 26.55 |
| 350 | 15.11 | 36.001 | 26.74 |
| 400 | 11.13 | 35.381 | 27.07 |
| 450 | 8.77 | 35.053 | 27.22 |
| 500 | 8.10 | 35.000 | 27.28 |

RES-STACS24-86 CTD 84 RESEARCHER
Date 04 21 86 Latitude 27.013 N
Time 1418 Z Longitude 79.612 W



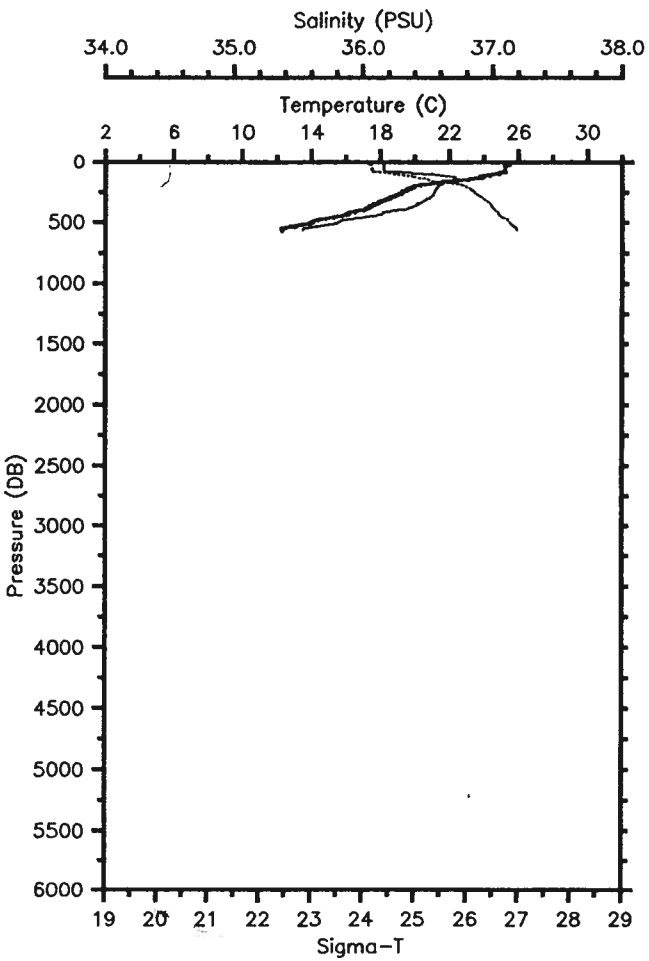

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.79 | 36.116 | 23.96 |
| 10 | 25.81 | 36.117 | 23.96 |
| 20 | 25.80 | 36.117 | 23.96 |
| 30 | 25.79 | 36.117 | 23.96 |
| 40 | 25.79 | 36.117 | 23.96 |
| 50 | 25.78 | 36.117 | 23.97 |
| 60 | 25.74 | 36.117 | 23.98 |
| 70 | 25.66 | 36.185 | 24.05 |
| 80 | 25.35 | 36.442 | 24.34 |
| 90 | 25.11 | 36.545 | 24.49 |
| 100 | 24.61 | 36.630 | 24.71 |
| 110 | 23.73 | 36.702 | 25.03 |
| 120 | 23.23 | 36.715 | 25.19 |
| 130 | 23.01 | 36.739 | 25.27 |
| 140 | 22.24 | 36.751 | 25.50 |
| 150 | 21.93 | 36.748 | 25.58 |
| 160 | 21.44 | 36.767 | 25.73 |
| 170 | 21.06 | 36.778 | 25.85 |
| 180 | 20.53 | 36.705 | 25.94 |
| 190 | 20.18 | 36.674 | 26.01 |
| 200 | 19.95 | 36.661 | 26.06 |
| 250 | 18.35 | 36.489 | 26.34 |
| 300 | 17.20 | 36.322 | 26.50 |
| 350 | 16.14 | 36.150 | 26.62 |
| 400 | 14.40 | 35.880 | 26.80 |
| 450 | 11.08 | 35.341 | 27.05 |
| 500 | 9.76 | 35.199 | 27.17 |
| 546 | 8.25 | 35.019 | 27.27 |

RES-STACS24-86 CTD 85 RESEARCHER
Date 04 21 86 Latitude 27.012 N
Time 1522 Z Longitude 79.502 W



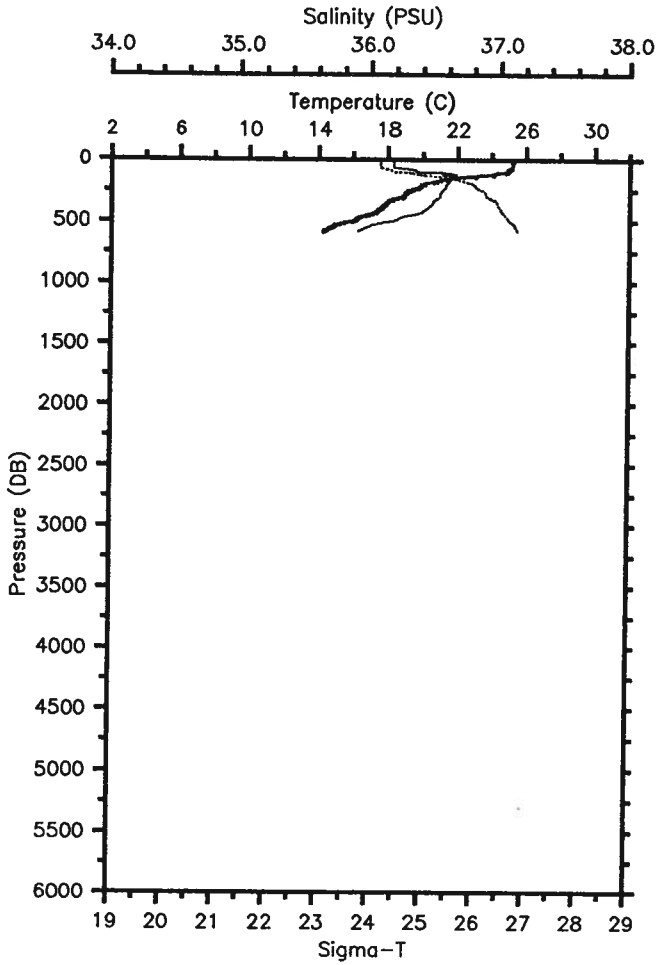

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.72 | 36.126 | 23.99 |
| 10 | 25.72 | 36.125 | 23.99 |
| 20 | 25.71 | 36.124 | 23.99 |
| 30 | 25.71 | 36.124 | 23.99 |
| 40 | 25.71 | 36.124 | 23.99 |
| 50 | 25.71 | 36.124 | 23.99 |
| 60 | 25.68 | 36.127 | 24.00 |
| 70 | 25.57 | 36.230 | 24.12 |
| 80 | 25.45 | 36.288 | 24.20 |
| 90 | 24.99 | 36.370 | 24.40 |
| 100 | 24.66 | 36.470 | 24.58 |
| 110 | 24.10 | 36.646 | 24.88 |
| 120 | 23.42 | 36.728 | 25.14 |
| 130 | 22.60 | 36.752 | 25.40 |
| 140 | 22.47 | 36.761 | 25.44 |
| 150 | 22.06 | 36.763 | 25.56 |
| 160 | 21.59 | 36.758 | 25.69 |
| 170 | 20.95 | 36.732 | 25.84 |
| 180 | 20.74 | 36.724 | 25.89 |
| 190 | 20.19 | 36.677 | 26.01 |
| 200 | 19.88 | 36.648 | 26.07 |
| 250 | 19.00 | 36.565 | 26.23 |
| 300 | 18.02 | 36.441 | 26.39 |
| 350 | 16.91 | 36.274 | 26.53 |
| 400 | 15.97 | 36.121 | 26.63 |
| 450 | 14.52 | 35.876 | 26.77 |
| 500 | 11.69 | 35.443 | 27.01 |
| 550 | 9.58 | 35.147 | 27.16 |
| 600 | 8.97 | 35.069 | 27.20 |
| 650 | 8.18 | 34.999 | 27.27 |
| 700 | 7.09 | 34.912 | 27.36 |

RES-STACS24-86 CTD 86 RESEARCHER
Date 04 21 86 Latitude 27.014 N
Time 1647 Z Longitude 79.371 W



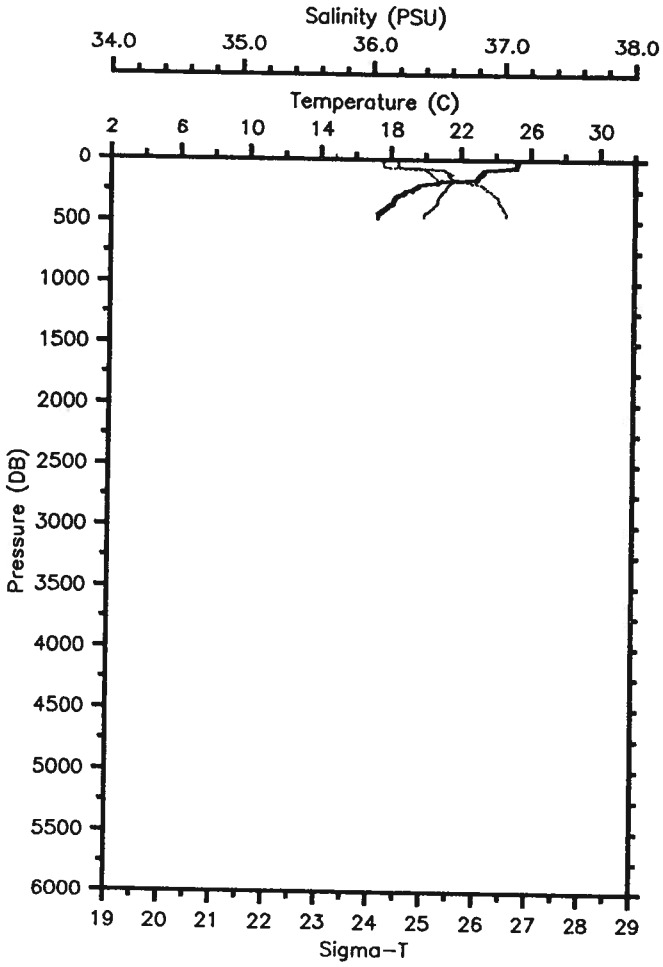

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.48 | 36.159 | 24.09 |
| 10 | 25.49 | 36.168 | 24.09 |
| 20 | 25.42 | 36.166 | 24.11 |
| 30 | 25.25 | 36.160 | 24.16 |
| 40 | 25.23 | 36.160 | 24.17 |
| 50 | 25.22 | 36.161 | 24.17 |
| 60 | 25.22 | 36.160 | 24.17 |
| 70 | 25.22 | 36.160 | 24.17 |
| 80 | 25.21 | 36.168 | 24.18 |
| 90 | 24.92 | 36.372 | 24.42 |
| 100 | 24.58 | 36.496 | 24.62 |
| 110 | 24.15 | 36.611 | 24.84 |
| 120 | 23.89 | 36.687 | 24.97 |
| 130 | 23.74 | 36.709 | 25.03 |
| 140 | 23.26 | 36.720 | 25.18 |
| 150 | 22.92 | 36.729 | 25.29 |
| 160 | 22.19 | 36.622 | 25.41 |
| 170 | 21.48 | 36.621 | 25.61 |
| 180 | 20.91 | 36.619 | 25.77 |
| 190 | 20.33 | 36.603 | 25.91 |
| 200 | 20.00 | 36.580 | 25.98 |
| 250 | 19.24 | 36.551 | 26.16 |
| 300 | 18.56 | 36.518 | 26.31 |
| 350 | 17.68 | 36.430 | 26.46 |
| 400 | 16.86 | 36.284 | 26.55 |
| 450 | 15.73 | 36.083 | 26.66 |
| 500 | 14.04 | 35.818 | 26.83 |
| 550 | 12.36 | 35.553 | 26.97 |
| 564 | 12.29 | 35.536 | 26.97 |

RES-STACS24-86 CTD 87 RESEARCHER
Date 04 21 86 Latitude 27.008 N
Time 1830 Z Longitude 79.277 W



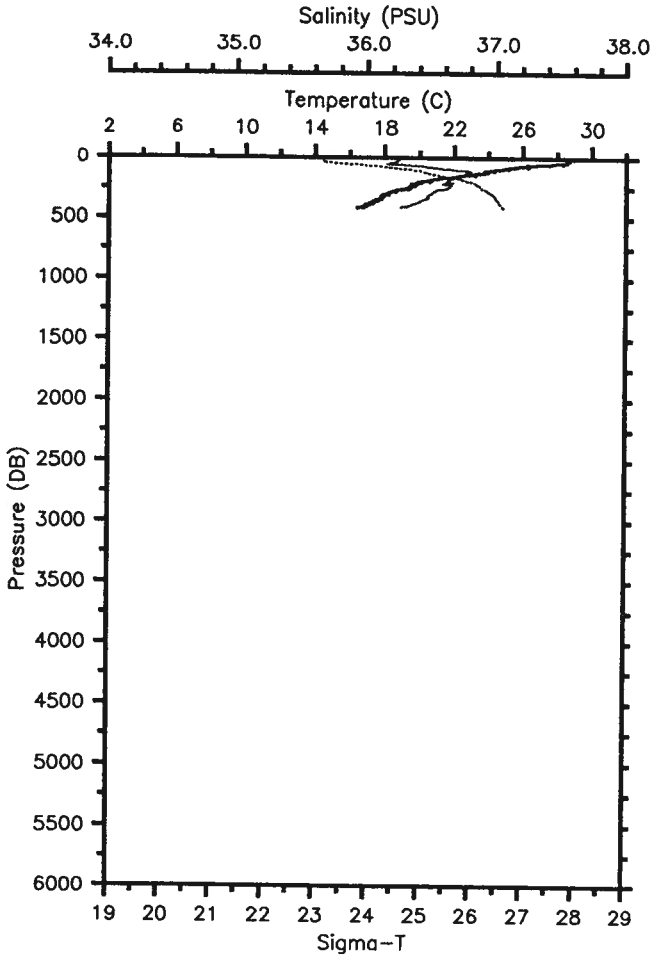

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.33 | 36.181 | 24.15 |
| 10 | 25.28 | 36.176 | 24.16 |
| 20 | 25.22 | 36.174 | 24.18 |
| 30 | 25.22 | 36.174 | 24.18 |
| 40 | 25.21 | 36.175 | 24.18 |
| 50 | 25.21 | 36.175 | 24.19 |
| 60 | 25.21 | 36.176 | 24.19 |
| 70 | 25.20 | 36.183 | 24.19 |
| 80 | 25.04 | 36.298 | 24.33 |
| 90 | 24.94 | 36.342 | 24.39 |
| 100 | 24.91 | 36.352 | 24.41 |
| 110 | 24.22 | 36.574 | 24.79 |
| 120 | 24.10 | 36.645 | 24.88 |
| 130 | 23.18 | 36.575 | 25.09 |
| 140 | 22.73 | 36.653 | 25.28 |
| 150 | 21.73 | 36.602 | 25.53 |
| 160 | 21.41 | 36.603 | 25.62 |
| 170 | 21.03 | 36.599 | 25.72 |
| 180 | 20.70 | 36.599 | 25.81 |
| 190 | 20.27 | 36.590 | 25.92 |
| 200 | 20.10 | 36.586 | 25.96 |
| 250 | 19.34 | 36.550 | 26.13 |
| 300 | 18.89 | 36.533 | 26.24 |
| 350 | 17.95 | 36.477 | 26.43 |
| 400 | 17.54 | 36.427 | 26.49 |
| 450 | 16.88 | 36.322 | 26.57 |
| 500 | 15.96 | 36.173 | 26.68 |
| 550 | 14.71 | 35.970 | 26.80 |
| 584 | 14.30 | 35.903 | 26.84 |

RES-STACS24-86 CTD 88 RESEARCHER
Date 04 21 86 Latitude 27.002 N
Time 1943 Z Longitude 79.196 W



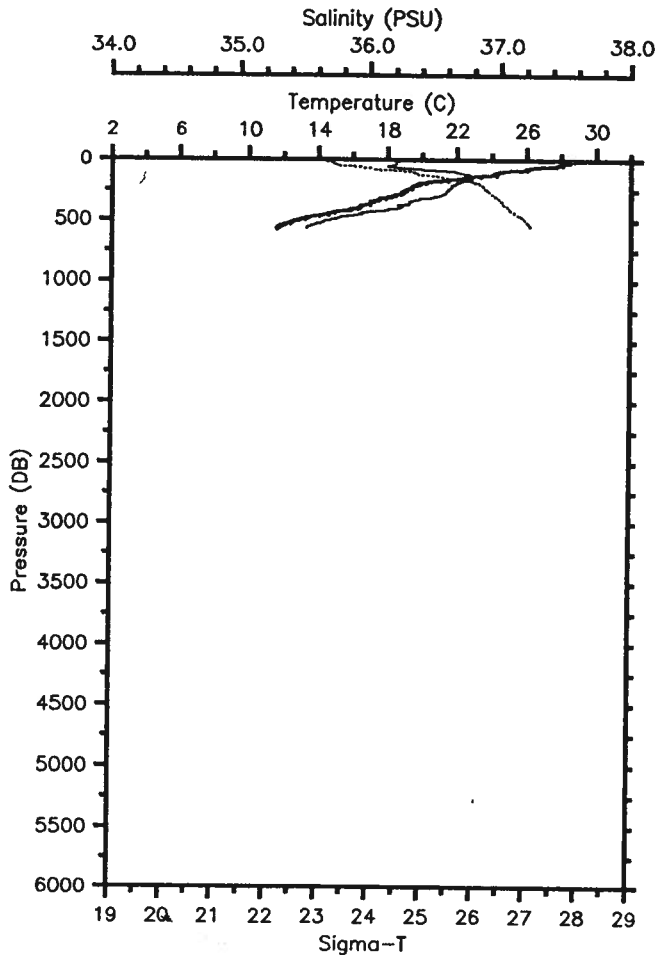

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 25.26 | 36.187 | 24.18 |
| 10 | 25.30 | 36.187 | 24.17 |
| 20 | 25.22 | 36.189 | 24.19 |
| 30 | 25.22 | 36.190 | 24.19 |
| 40 | 25.21 | 36.191 | 24.20 |
| 50 | 25.19 | 36.189 | 24.20 |
| 60 | 25.16 | 36.186 | 24.21 |
| 70 | 24.79 | 36.297 | 24.41 |
| 80 | 23.94 | 36.541 | 24.85 |
| 90 | 23.34 | 36.544 | 25.02 |
| 100 | 23.24 | 36.560 | 25.07 |
| 110 | 23.25 | 36.584 | 25.08 |
| 120 | 23.18 | 36.597 | 25.11 |
| 130 | 23.07 | 36.589 | 25.12 |
| 140 | 22.99 | 36.580 | 25.15 |
| 150 | 22.93 | 36.593 | 25.18 |
| 160 | 22.89 | 36.615 | 25.21 |
| 170 | 22.38 | 36.649 | 25.39 |
| 180 | 20.91 | 36.597 | 25.75 |
| 190 | 20.67 | 36.596 | 25.82 |
| 200 | 19.97 | 36.580 | 25.99 |
| 250 | 19.22 | 36.549 | 26.17 |
| 300 | 18.36 | 36.501 | 26.35 |
| 350 | 18.16 | 36.491 | 26.39 |
| 400 | 17.69 | 36.443 | 26.47 |
| 450 | 17.29 | 36.387 | 26.53 |
| 472 | 17.28 | 36.386 | 26.53 |

RES-STACS25-86 CTD 1 RESEARCHER
Date 07 17 86 Latitude 27.002 N
Time 0055 Z Longitude 76.193 W



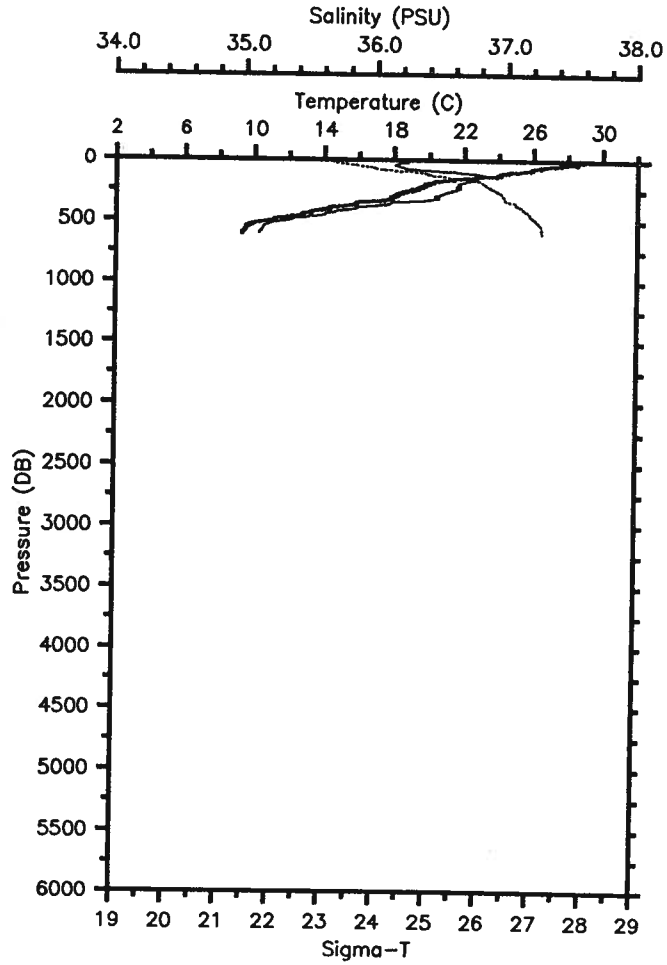

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.94 | 36.261 | 23.05 |
| 10 | 28.71 | 36.252 | 23.12 |
| 20 | 28.61 | 36.244 | 23.15 |
| 30 | 28.55 | 36.233 | 23.16 |
| 40 | 28.34 | 36.213 | 23.22 |
| 50 | 27.73 | 36.177 | 23.39 |
| 60 | 26.38 | 36.169 | 23.82 |
| 70 | 25.95 | 36.396 | 24.12 |
| 80 | 25.27 | 36.492 | 24.41 |
| 90 | 24.95 | 36.551 | 24.55 |
| 100 | 24.33 | 36.662 | 24.82 |
| 110 | 23.99 | 36.779 | 25.01 |
| 120 | 23.78 | 36.800 | 25.09 |
| 130 | 23.36 | 36.755 | 25.18 |
| 140 | 23.18 | 36.749 | 25.23 |
| 150 | 22.34 | 36.712 | 25.44 |
| 160 | 21.93 | 36.703 | 25.55 |
| 170 | 21.14 | 36.662 | 25.74 |
| 180 | 20.70 | 36.622 | 25.83 |
| 190 | 20.53 | 36.629 | 25.88 |
| 200 | 20.08 | 36.607 | 25.98 |
| 250 | 19.35 | 36.610 | 26.18 |
| 300 | 18.11 | 36.482 | 26.40 |
| 350 | 17.53 | 36.426 | 26.50 |
| 400 | 16.83 | 36.311 | 26.58 |
| 414 | 16.47 | 36.257 | 26.62 |

RES-STACS25-86 CTD 2 RESEARCHER
Date 07 17 86 Latitude 27.013 N
Time 0227 Z Longitude 79.287 W



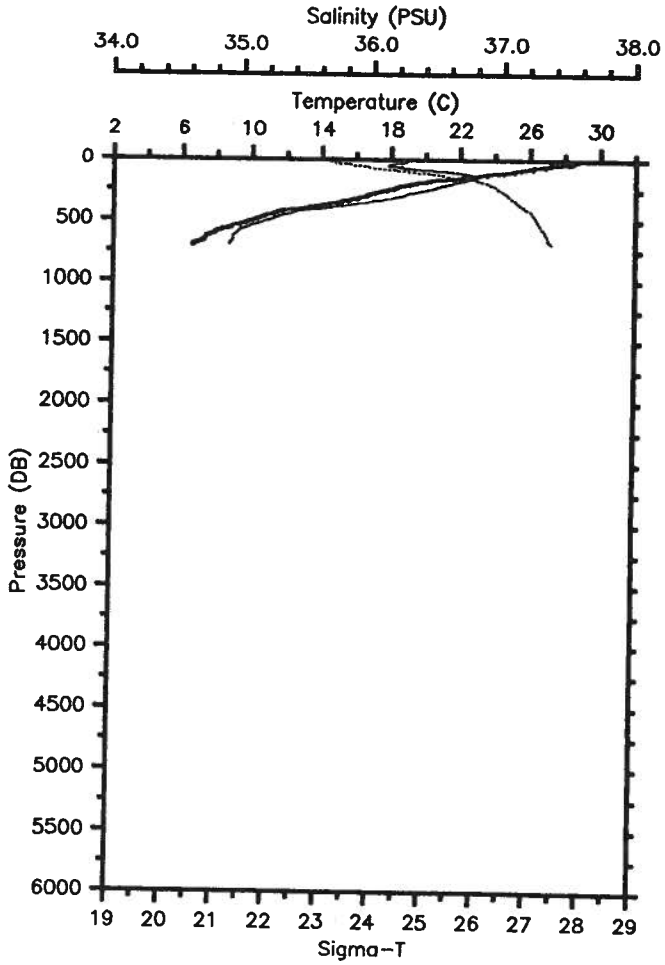

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.84 | 36.242 | 23.07 |
| 10 | 28.64 | 36.229 | 23.13 |
| 20 | 28.46 | 36.209 | 23.17 |
| 30 | 28.08 | 36.199 | 23.29 |
| 40 | 27.95 | 36.199 | 23.33 |
| 50 | 27.70 | 36.173 | 23.40 |
| 60 | 26.56 | 36.173 | 23.76 |
| 70 | 26.11 | 36.234 | 23.95 |
| 80 | 25.95 | 36.402 | 24.13 |
| 90 | 24.93 | 36.535 | 24.54 |
| 100 | 24.43 | 36.656 | 24.79 |
| 110 | 24.20 | 36.696 | 24.89 |
| 120 | 24.24 | 36.757 | 24.92 |
| 130 | 23.39 | 36.745 | 25.16 |
| 140 | 22.76 | 36.783 | 25.37 |
| 150 | 22.40 | 36.772 | 25.47 |
| 160 | 21.78 | 36.772 | 25.64 |
| 170 | 21.23 | 36.741 | 25.77 |
| 180 | 20.42 | 36.691 | 25.96 |
| 190 | 20.00 | 36.662 | 26.05 |
| 200 | 19.81 | 36.664 | 26.10 |
| 250 | 19.11 | 36.599 | 26.23 |
| 300 | 18.33 | 36.526 | 26.37 |
| 350 | 17.01 | 36.297 | 26.52 |
| 400 | 16.32 | 36.225 | 26.63 |
| 450 | 14.57 | 35.910 | 26.78 |
| 500 | 12.92 | 35.694 | 26.96 |
| 550 | 11.81 | 35.537 | 27.06 |
| 570 | 11.61 | 35.504 | 27.07 |

RES-STACS25-86 CTD 3 RESEARCHER
Date 07 17 86 Latitude 27.022 N
Time 0413 Z Longitude 79.375 W



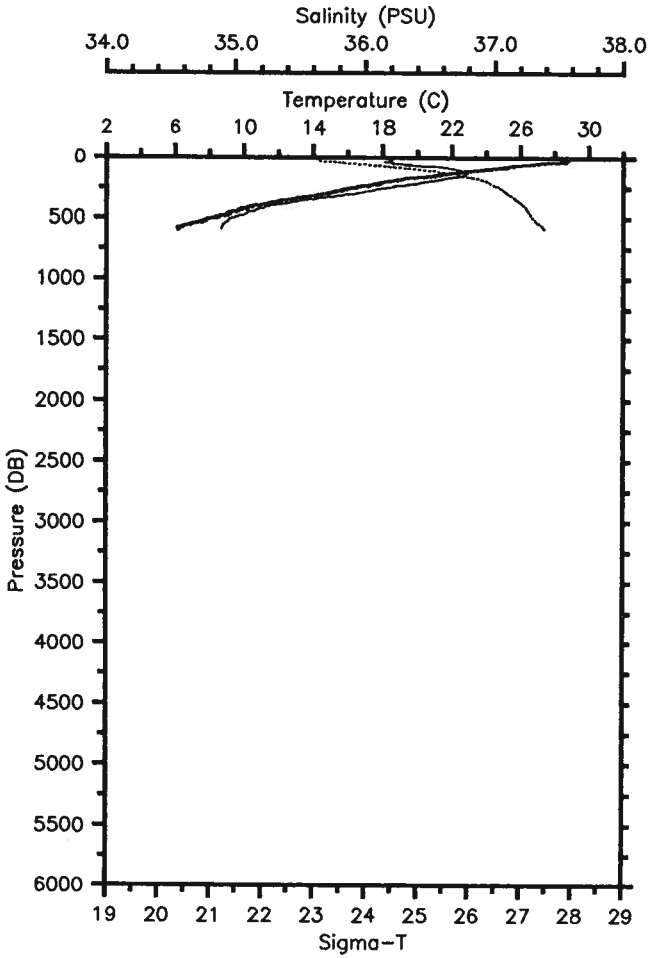

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.90 | 36.251 | 23.06 |
| 10 | 28.57 | 36.222 | 23.15 |
| 20 | 28.55 | 36.235 | 23.16 |
| 30 | 28.34 | 36.209 | 23.21 |
| 40 | 27.50 | 36.165 | 23.46 |
| 50 | 26.71 | 36.144 | 23.69 |
| 60 | 26.43 | 36.173 | 23.80 |
| 70 | 25.97 | 36.202 | 23.97 |
| 80 | 25.79 | 36.303 | 24.10 |
| 90 | 25.34 | 36.437 | 24.34 |
| 100 | 24.62 | 36.615 | 24.70 |
| 110 | 24.16 | 36.717 | 24.91 |
| 120 | 24.13 | 36.800 | 24.99 |
| 130 | 23.89 | 36.826 | 25.08 |
| 140 | 22.73 | 36.729 | 25.34 |
| 150 | 22.00 | 36.727 | 25.55 |
| 160 | 21.33 | 36.694 | 25.71 |
| 170 | 20.82 | 36.711 | 25.86 |
| 180 | 20.27 | 36.680 | 25.99 |
| 190 | 20.10 | 36.658 | 26.02 |
| 200 | 19.80 | 36.630 | 26.08 |
| 250 | 19.04 | 36.605 | 26.26 |
| 300 | 17.90 | 36.443 | 26.42 |
| 350 | 15.91 | 36.117 | 26.64 |
| 400 | 14.29 | 35.843 | 26.79 |
| 450 | 12.77 | 35.605 | 26.93 |
| 500 | 11.02 | 35.332 | 27.05 |
| 550 | 9.55 | 35.137 | 27.15 |
| 600 | 9.28 | 35.102 | 27.17 |
| 606 | 9.27 | 35.105 | 27.18 |

RES-STACS25-86 CTD 4 RESEARCHER
Date 07 17 86 Latitude 27.025 N
Time 0545 Z Longitude 79.503 W



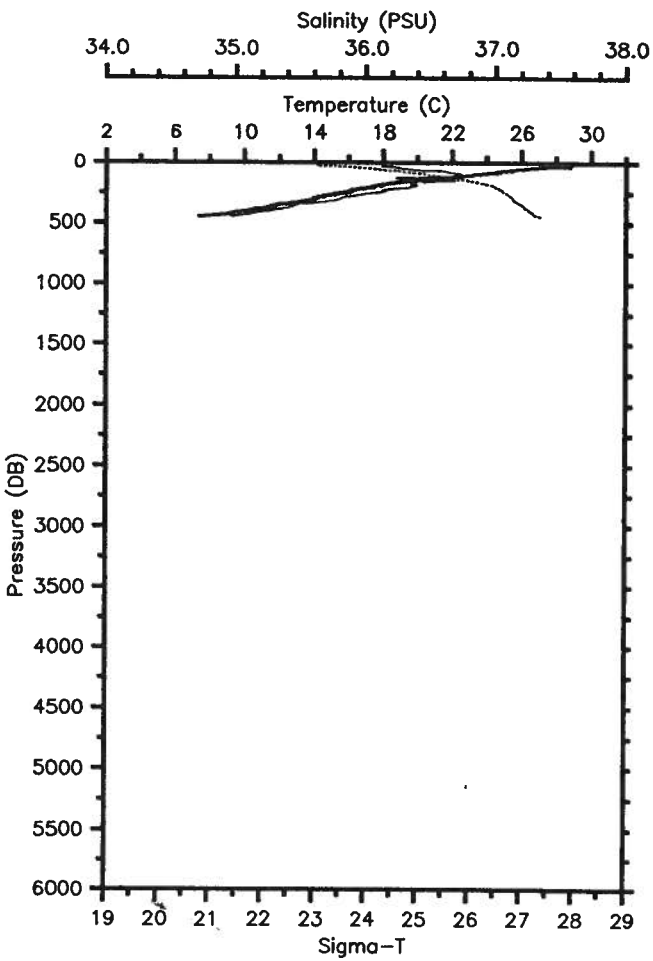

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.74 | 36.224 | 23.09 |
| 10 | 28.51 | 36.201 | 23.15 |
| 20 | 28.47 | 36.255 | 23.20 |
| 30 | 28.27 | 36.240 | 23.26 |
| 40 | 27.23 | 36.122 | 23.51 |
| 50 | 26.86 | 36.107 | 23.62 |
| 60 | 26.21 | 36.128 | 23.84 |
| 70 | 26.00 | 36.213 | 23.97 |
| 80 | 25.55 | 36.322 | 24.19 |
| 90 | 25.13 | 36.475 | 24.44 |
| 100 | 24.77 | 36.599 | 24.64 |
| 110 | 24.25 | 36.669 | 24.85 |
| 120 | 23.51 | 36.747 | 25.13 |
| 130 | 23.05 | 36.751 | 25.27 |
| 140 | 22.56 | 36.781 | 25.43 |
| 150 | 21.98 | 36.778 | 25.59 |
| 160 | 21.30 | 36.764 | 25.77 |
| 170 | 20.38 | 36.708 | 25.98 |
| 180 | 20.03 | 36.658 | 26.04 |
| 190 | 19.48 | 36.625 | 26.16 |
| 200 | 19.24 | 36.596 | 26.20 |
| 250 | 17.80 | 36.412 | 26.42 |
| 300 | 16.48 | 36.214 | 26.59 |
| 350 | 14.97 | 35.957 | 26.73 |
| 400 | 13.06 | 35.639 | 26.89 |
| 450 | 11.17 | 35.355 | 27.04 |
| 500 | 10.07 | 35.202 | 27.12 |
| 550 | 8.82 | 35.046 | 27.20 |
| 600 | 7.89 | 34.956 | 27.28 |
| 650 | 7.27 | 34.914 | 27.33 |
| 700 | 6.56 | 34.891 | 27.41 |

RES-STACS25-86 CTD 5 RESEARCHER
Date 07 17 86 Latitude 27.010 N
Time 0738 Z Longitude 79.625 W



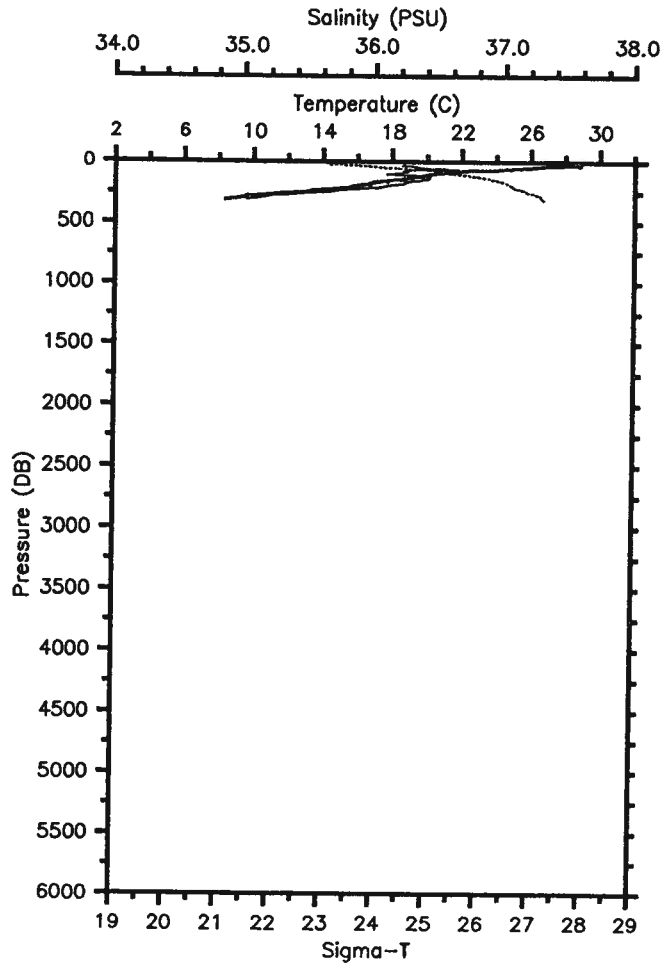

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.79 | 36.195 | 23.05 |
| 10 | 28.79 | 36.195 | 23.05 |
| 20 | 28.70 | 36.190 | 23.08 |
| 30 | 28.63 | 36.204 | 23.11 |
| 40 | 27.62 | 36.154 | 23.41 |
| 50 | 26.95 | 36.224 | 23.68 |
| 60 | 26.40 | 36.333 | 23.94 |
| 70 | 25.55 | 36.351 | 24.21 |
| 80 | 25.17 | 36.589 | 24.51 |
| 90 | 24.64 | 36.647 | 24.71 |
| 100 | 23.87 | 36.710 | 24.99 |
| 110 | 23.23 | 36.742 | 25.21 |
| 120 | 22.51 | 36.757 | 25.42 |
| 130 | 22.02 | 36.788 | 25.59 |
| 140 | 21.54 | 36.772 | 25.71 |
| 150 | 21.12 | 36.758 | 25.82 |
| 160 | 20.61 | 36.724 | 25.93 |
| 170 | 19.79 | 36.652 | 26.09 |
| 180 | 19.17 | 36.592 | 26.21 |
| 190 | 18.81 | 36.555 | 26.28 |
| 200 | 18.28 | 36.482 | 26.35 |
| 250 | 16.42 | 36.185 | 26.58 |
| 300 | 14.84 | 35.937 | 26.75 |
| 350 | 12.81 | 35.611 | 26.92 |
| 400 | 10.65 | 35.279 | 27.07 |
| 450 | 9.50 | 35.122 | 27.15 |
| 500 | 8.34 | 34.995 | 27.24 |
| 550 | 6.99 | 34.912 | 27.37 |
| 592 | 6.20 | 34.892 | 27.46 |

RES-STACS25-86 CTD 6 RESEARCHER
Date 07 17 86 Latitude 27.025 N
Time 0853 Z Longitude 79.680 W



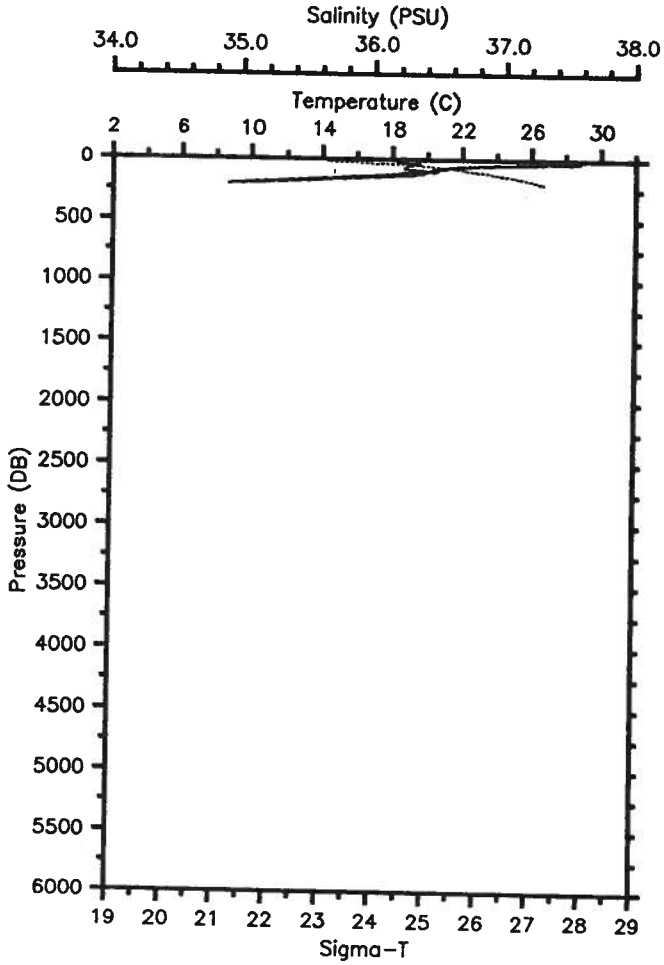

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.83 | 36.202 | 23.04 |
| 10 | 28.84 | 36.201 | 23.04 |
| 20 | 28.79 | 36.195 | 23.05 |
| 30 | 28.74 | 36.196 | 23.07 |
| 40 | 27.12 | 36.226 | 23.62 |
| 50 | 26.28 | 36.273 | 23.93 |
| 60 | 25.55 | 36.359 | 24.22 |
| 70 | 24.93 | 36.517 | 24.53 |
| 80 | 24.57 | 36.634 | 24.73 |
| 90 | 24.02 | 36.693 | 24.94 |
| 100 | 23.30 | 36.734 | 25.18 |
| 110 | 22.75 | 36.785 | 25.38 |
| 120 | 21.83 | 36.580 | 25.48 |
| 130 | 20.48 | 36.238 | 25.60 |
| 140 | 19.97 | 36.283 | 25.76 |
| 150 | 20.32 | 36.663 | 25.96 |
| 160 | 19.21 | 36.394 | 26.05 |
| 170 | 18.83 | 36.381 | 26.19 |
| 180 | 18.08 | 36.350 | 26.30 |
| 190 | 17.81 | 36.364 | 26.38 |
| 200 | 17.45 | 36.361 | 26.47 |
| 250 | 15.72 | 36.084 | 26.66 |
| 300 | 14.03 | 35.806 | 26.82 |
| 350 | 11.93 | 35.468 | 26.98 |
| 400 | 10.34 | 35.278 | 27.13 |
| 450 | 7.44 | 34.960 | 27.34 |

RES-STACS25-86 CTD 7 RESEARCHER
Date 07 17 86 Latitude 27.032 N
Time 1016 Z Longitude 79.787 W



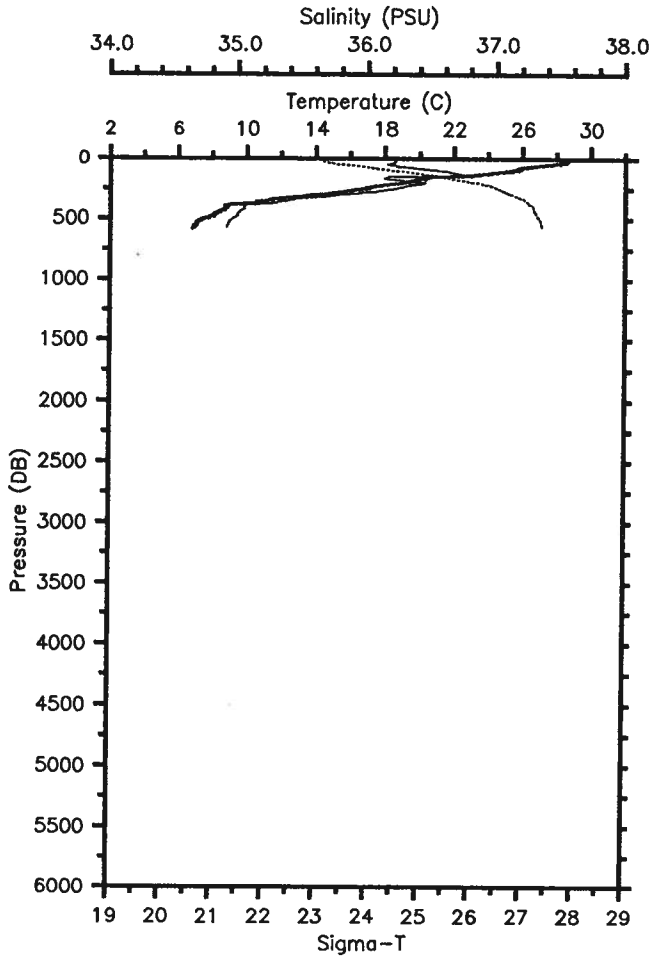

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.86 | 36.231 | 23.08 |
| 10 | 28.87 | 36.231 | 23.05 |
| 20 | 28.80 | 36.222 | 23.07 |
| 30 | 28.52 | 36.218 | 23.16 |
| 40 | 26.59 | 36.292 | 23.84 |
| 50 | 25.78 | 36.341 | 24.13 |
| 60 | 24.73 | 36.406 | 24.51 |
| 70 | 23.18 | 36.353 | 24.92 |
| 80 | 21.67 | 36.206 | 25.24 |
| 90 | 21.40 | 36.244 | 25.35 |
| 100 | 20.41 | 36.133 | 25.53 |
| 110 | 20.03 | 36.177 | 25.67 |
| 120 | 19.81 | 36.370 | 25.87 |
| 130 | 19.19 | 36.404 | 26.06 |
| 140 | 18.75 | 36.419 | 26.19 |
| 150 | 18.14 | 36.385 | 26.31 |
| 160 | 17.45 | 36.293 | 26.41 |
| 170 | 16.98 | 36.246 | 26.49 |
| 180 | 16.70 | 36.216 | 26.54 |
| 190 | 16.29 | 36.160 | 26.59 |
| 200 | 15.77 | 36.078 | 26.65 |
| 250 | 12.60 | 35.627 | 26.94 |
| 300 | 9.10 | 35.102 | 27.20 |
| 314 | 8.40 | 35.012 | 27.24 |

RES-STACS25-86 CTD 8 RESEARCHER
Date 07 17 86 Latitude 27.030 N
Time 1209 Z Longitude 79.867 W



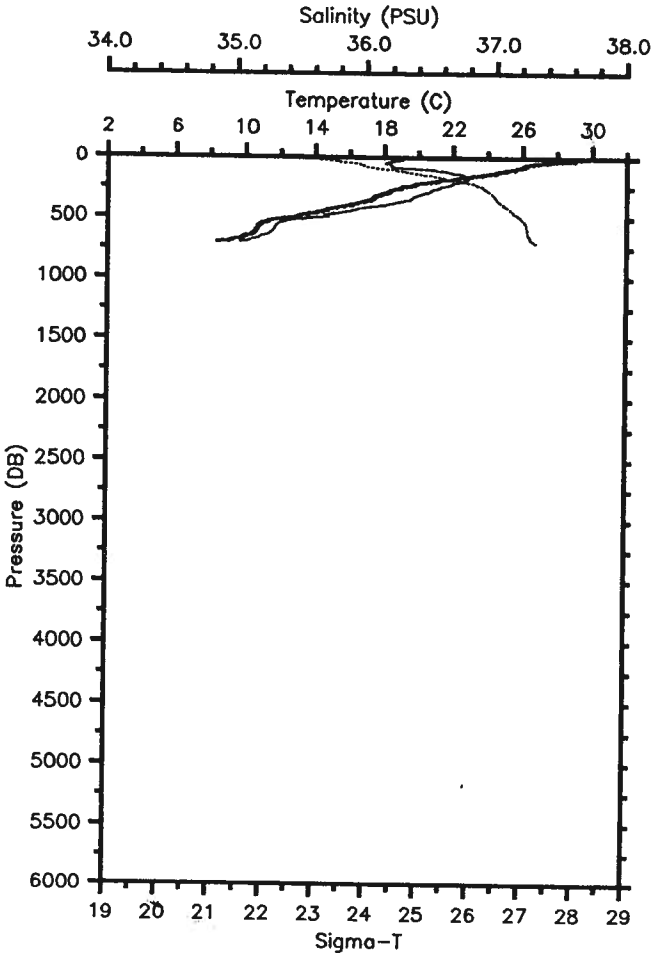

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.76 | 36.245 | 23.10 |
| 10 | 28.77 | 36.244 | 23.10 |
| 20 | 28.62 | 36.221 | 23.13 |
| 30 | 27.00 | 36.169 | 23.62 |
| 40 | 25.37 | 36.264 | 24.20 |
| 50 | 23.20 | 36.252 | 24.84 |
| 60 | 21.99 | 36.253 | 25.19 |
| 70 | 21.03 | 36.212 | 25.43 |
| 80 | 20.59 | 36.244 | 25.57 |
| 90 | 20.34 | 36.377 | 25.74 |
| 100 | 19.83 | 36.383 | 25.88 |
| 110 | 18.88 | 36.374 | 26.12 |
| 120 | 18.36 | 36.373 | 26.25 |
| 130 | 17.55 | 36.296 | 26.39 |
| 140 | 16.56 | 36.164 | 26.53 |
| 150 | 15.23 | 35.984 | 26.70 |
| 160 | 14.06 | 35.805 | 26.81 |
| 170 | 12.83 | 35.622 | 26.93 |
| 180 | 11.70 | 35.464 | 27.02 |
| 190 | 10.48 | 35.285 | 27.11 |
| 200 | 9.28 | 35.113 | 27.18 |
| 204 | 8.75 | 35.060 | 27.22 |

RES-STACS25-86 CTD 9 RESEARCHER
Date 07 18 86 Latitude 29.068 N
Time 1430 Z Longitude 79.817 W



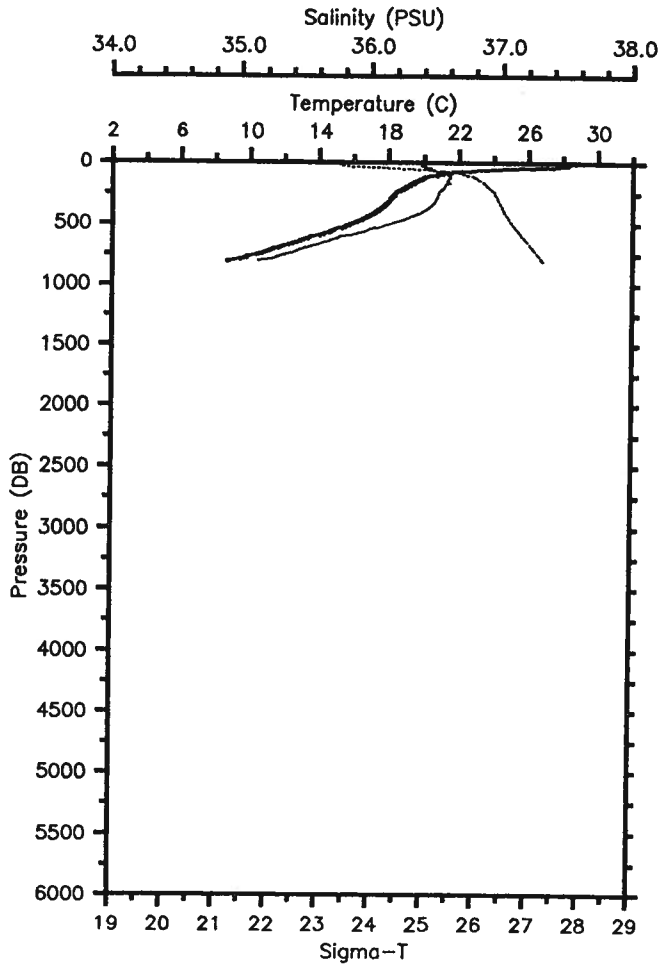

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.67 | 36.162 | 23.07 |
| 10 | 28.66 | 36.162 | 23.07 |
| 20 | 28.58 | 36.214 | 23.14 |
| 30 | 28.43 | 36.204 | 23.18 |
| 40 | 28.00 | 36.197 | 23.31 |
| 50 | 27.38 | 36.151 | 23.48 |
| 60 | 26.84 | 36.182 | 23.68 |
| 70 | 26.17 | 36.231 | 23.93 |
| 80 | 25.83 | 36.342 | 24.12 |
| 90 | 25.69 | 36.441 | 24.24 |
| 100 | 25.21 | 36.561 | 24.48 |
| 110 | 24.57 | 36.637 | 24.73 |
| 120 | 24.08 | 36.688 | 24.91 |
| 130 | 23.42 | 36.738 | 25.15 |
| 140 | 22.82 | 36.733 | 25.32 |
| 150 | 20.69 | 36.157 | 25.48 |
| 160 | 20.32 | 36.144 | 25.57 |
| 170 | 20.00 | 36.153 | 25.66 |
| 180 | 19.60 | 36.271 | 25.85 |
| 190 | 19.36 | 36.337 | 25.97 |
| 200 | 19.01 | 36.442 | 26.14 |
| 250 | 16.79 | 36.215 | 26.51 |
| 300 | 14.10 | 35.801 | 26.80 |
| 350 | 11.24 | 35.391 | 27.06 |
| 400 | 8.78 | 35.047 | 27.21 |
| 450 | 8.31 | 35.003 | 27.25 |
| 500 | 7.48 | 34.954 | 27.33 |
| 550 | 7.05 | 34.921 | 27.37 |
| 574 | 6.90 | 34.912 | 27.38 |

RES-STACS25-86 CTD 10 RESEARCHER
Date 07 18 86 Latitude 29.033 N
Time 1946 Z Longitude 79.448 W



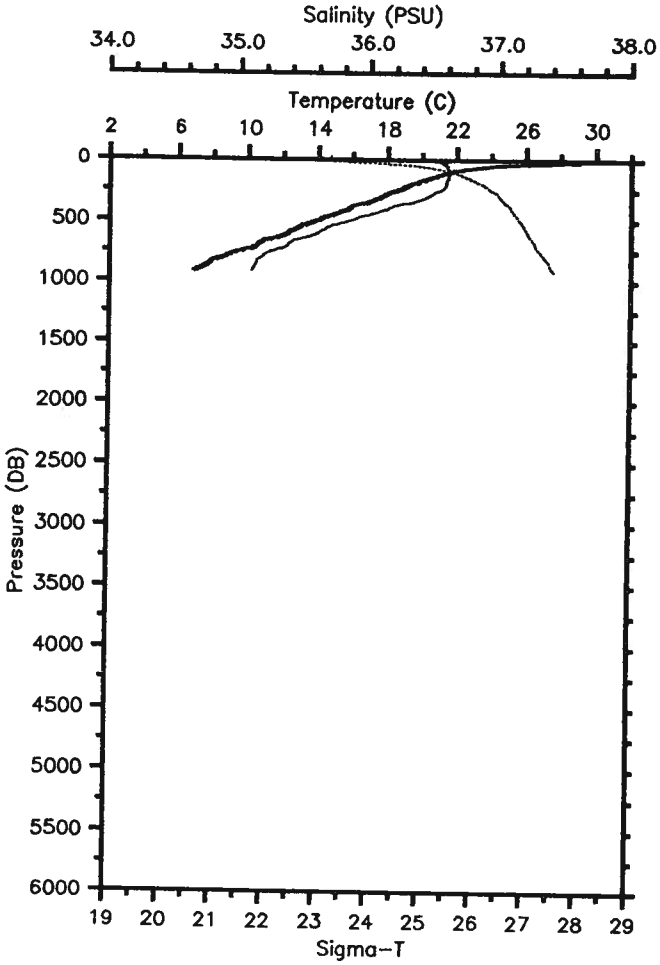

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 29.38 | 36.265 | 22.91 |
| 10 | 29.03 | 36.258 | 23.02 |
| 20 | 28.90 | 36.250 | 23.06 |
| 30 | 27.73 | 36.187 | 23.40 |
| 40 | 27.15 | 36.168 | 23.57 |
| 50 | 26.44 | 36.134 | 23.77 |
| 60 | 26.15 | 36.181 | 23.90 |
| 70 | 26.07 | 36.190 | 23.93 |
| 80 | 25.85 | 36.193 | 24.00 |
| 90 | 25.60 | 36.299 | 24.16 |
| 100 | 25.22 | 36.504 | 24.43 |
| 110 | 24.77 | 36.554 | 24.60 |
| 120 | 24.48 | 36.639 | 24.76 |
| 130 | 24.14 | 36.672 | 24.89 |
| 140 | 23.72 | 36.738 | 25.06 |
| 150 | 23.15 | 36.756 | 25.24 |
| 160 | 22.80 | 36.770 | 25.35 |
| 170 | 22.30 | 36.774 | 25.50 |
| 180 | 22.02 | 36.772 | 25.58 |
| 190 | 21.23 | 36.746 | 25.78 |
| 200 | 20.85 | 36.741 | 25.88 |
| 250 | 19.00 | 36.568 | 26.24 |
| 300 | 17.95 | 36.438 | 26.40 |
| 350 | 17.22 | 36.330 | 26.50 |
| 400 | 15.88 | 36.109 | 26.65 |
| 450 | 14.41 | 35.873 | 26.79 |
| 500 | 12.80 | 35.655 | 26.96 |
| 550 | 10.92 | 35.321 | 27.06 |
| 600 | 10.61 | 35.277 | 27.08 |
| 650 | 10.02 | 35.193 | 27.12 |
| 700 | 8.85 | 35.065 | 27.21 |
| 708 | 8.34 | 35.010 | 27.25 |

RES-STACS25-86 CTD 11 RESEARCHER
Date 07 19 86 Latitude 29.010 N
Time 0255 Z Longitude 78.808 W



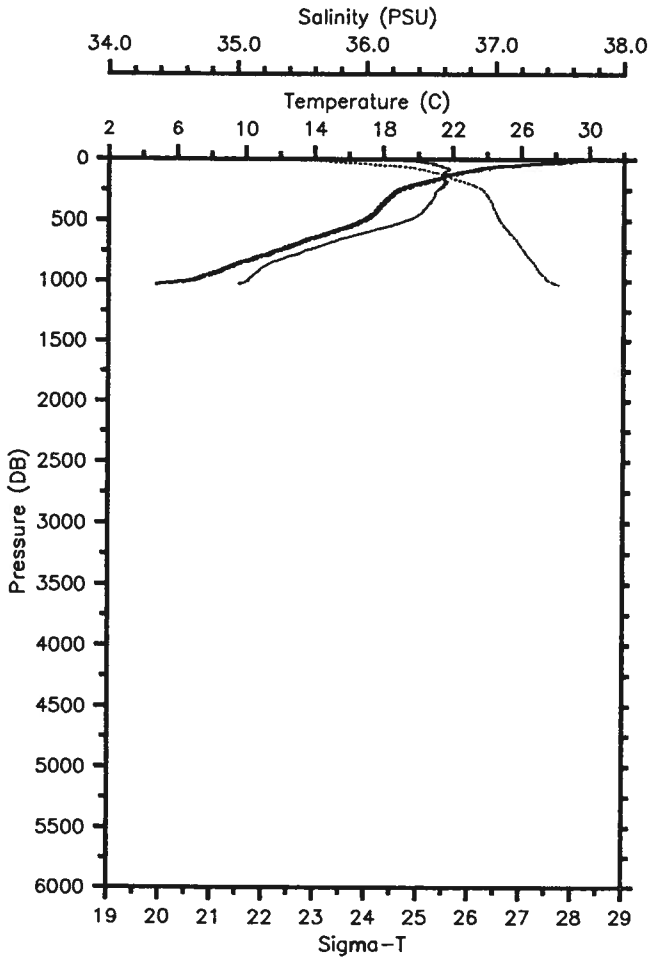

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.69 | 36.368 | 23.22 |
| 10 | 28.33 | 36.396 | 23.36 |
| 20 | 28.24 | 36.406 | 23.39 |
| 30 | 27.84 | 36.378 | 23.50 |
| 40 | 26.78 | 36.418 | 23.88 |
| 50 | 24.70 | 36.440 | 24.54 |
| 60 | 23.53 | 36.462 | 24.91 |
| 70 | 22.47 | 36.476 | 25.23 |
| 80 | 21.56 | 36.612 | 25.58 |
| 90 | 21.13 | 36.607 | 25.70 |
| 100 | 20.76 | 36.600 | 25.79 |
| 110 | 20.33 | 36.590 | 25.90 |
| 120 | 20.07 | 36.596 | 25.98 |
| 130 | 19.92 | 36.596 | 26.02 |
| 140 | 19.79 | 36.586 | 26.04 |
| 150 | 19.58 | 36.583 | 26.10 |
| 160 | 19.43 | 36.582 | 26.13 |
| 170 | 19.40 | 36.588 | 26.15 |
| 180 | 19.22 | 36.563 | 26.18 |
| 190 | 19.08 | 36.555 | 26.21 |
| 200 | 18.97 | 36.552 | 26.23 |
| 250 | 18.39 | 36.512 | 26.35 |
| 300 | 18.08 | 36.494 | 26.41 |
| 350 | 17.75 | 36.461 | 26.47 |
| 400 | 17.27 | 36.390 | 26.53 |
| 450 | 16.60 | 36.282 | 26.61 |
| 500 | 15.82 | 36.147 | 26.69 |
| 550 | 14.82 | 35.978 | 26.78 |
| 600 | 13.74 | 35.791 | 26.87 |
| 650 | 12.74 | 35.661 | 26.97 |
| 700 | 11.53 | 35.488 | 27.07 |
| 750 | 10.40 | 35.351 | 27.18 |
| 800 | 9.06 | 35.165 | 27.26 |
| 810 | 8.68 | 35.124 | 27.29 |

RES-STACS25-86 CTD 12 RESEARCHER
Date 07 19 86 Latitude 29.007 N
Time 0715 Z Longitude 78.000 W



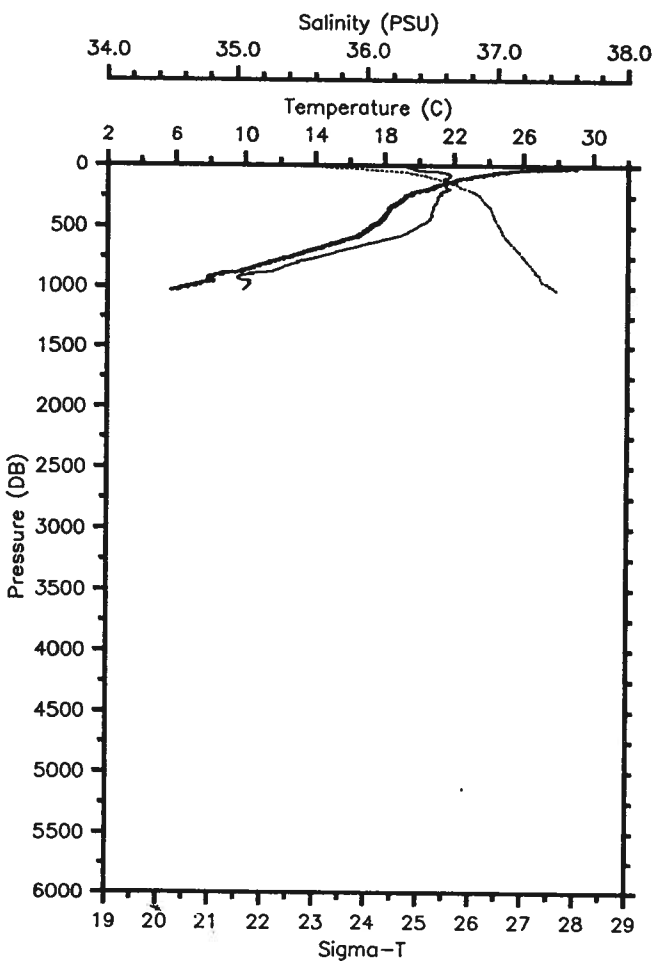

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 29.02 | 36.507 | 23.21 |
| 10 | 28.94 | 36.492 | 23.22 |
| 20 | 28.30 | 36.521 | 23.46 |
| 30 | 26.48 | 36.565 | 24.08 |
| 40 | 25.07 | 36.559 | 24.52 |
| 50 | 23.88 | 36.602 | 24.91 |
| 60 | 23.39 | 36.592 | 25.05 |
| 70 | 22.70 | 36.599 | 25.25 |
| 80 | 22.24 | 36.606 | 25.39 |
| 90 | 21.84 | 36.601 | 25.50 |
| 100 | 21.63 | 36.614 | 25.57 |
| 110 | 21.32 | 36.604 | 25.64 |
| 120 | 20.95 | 36.594 | 25.74 |
| 130 | 20.85 | 36.602 | 25.77 |
| 140 | 20.63 | 36.606 | 25.84 |
| 150 | 20.37 | 36.604 | 25.90 |
| 160 | 20.14 | 36.598 | 25.96 |
| 170 | 19.90 | 36.590 | 26.02 |
| 180 | 19.79 | 36.589 | 26.05 |
| 190 | 19.51 | 36.581 | 26.11 |
| 200 | 19.33 | 36.586 | 26.17 |
| 250 | 18.55 | 36.544 | 26.33 |
| 300 | 17.65 | 36.445 | 26.48 |
| 350 | 16.85 | 36.325 | 26.58 |
| 400 | 15.71 | 36.136 | 26.70 |
| 450 | 14.87 | 35.995 | 26.78 |
| 500 | 13.89 | 35.841 | 26.88 |
| 550 | 12.96 | 35.688 | 26.95 |
| 600 | 12.28 | 35.603 | 27.02 |
| 650 | 11.30 | 35.467 | 27.10 |
| 700 | 10.51 | 35.368 | 27.17 |
| 750 | 9.56 | 35.255 | 27.24 |
| 800 | 8.60 | 35.172 | 27.34 |
| 850 | 7.76 | 35.124 | 27.43 |
| 900 | 7.12 | 35.097 | 27.50 |
| 916 | 6.85 | 35.091 | 27.53 |

RES-STACS25-86 CTD 13 RESEARCHER
Date 07 19 86 Latitude 29.003 N
Time 1049 Z Longitude 77.497 W



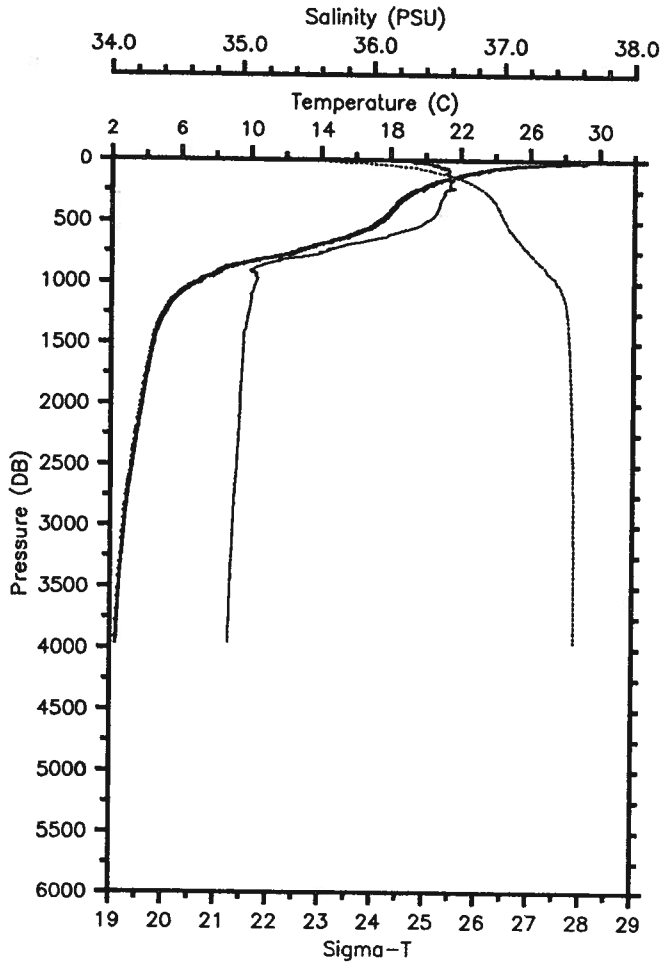

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 29.18 | 36.310 | 23.01 |
| 10 | 29.10 | 36.280 | 23.01 |
| 20 | 28.62 | 36.382 | 23.25 |
| 30 | 27.90 | 36.451 | 23.54 |
| 40 | 26.69 | 36.538 | 23.99 |
| 50 | 25.74 | 36.533 | 24.29 |
| 60 | 24.71 | 36.573 | 24.64 |
| 70 | 24.12 | 36.635 | 24.86 |
| 80 | 23.65 | 36.643 | 25.01 |
| 90 | 23.33 | 36.642 | 25.10 |
| 100 | 22.94 | 36.603 | 25.18 |
| 110 | 22.54 | 36.591 | 25.29 |
| 120 | 22.26 | 36.632 | 25.40 |
| 130 | 21.86 | 36.585 | 25.48 |
| 140 | 21.63 | 36.588 | 25.55 |
| 150 | 21.44 | 36.592 | 25.60 |
| 160 | 21.20 | 36.588 | 25.67 |
| 170 | 20.96 | 36.609 | 25.75 |
| 180 | 20.59 | 36.607 | 25.85 |
| 190 | 20.36 | 36.619 | 25.92 |
| 200 | 20.11 | 36.621 | 25.99 |
| 250 | 18.91 | 36.551 | 26.25 |
| 300 | 18.44 | 36.526 | 26.35 |
| 350 | 18.06 | 36.497 | 26.42 |
| 400 | 17.74 | 36.458 | 26.47 |
| 450 | 17.39 | 36.412 | 26.52 |
| 500 | 16.83 | 36.315 | 26.58 |
| 550 | 15.96 | 36.168 | 26.67 |
| 600 | 14.86 | 35.984 | 26.78 |
| 650 | 13.69 | 35.806 | 26.89 |
| 700 | 12.79 | 35.675 | 26.98 |
| 750 | 11.72 | 35.519 | 27.06 |
| 800 | 10.69 | 35.387 | 27.15 |
| 850 | 9.64 | 35.262 | 27.24 |
| 900 | 8.70 | 35.180 | 27.33 |
| 950 | 7.80 | 35.126 | 27.42 |
| 1000 | 6.71 | 35.085 | 27.55 |
| 1028 | 4.85 | 35.023 | 27.73 |

RES-STACS25-86 CTD 14 RESEARCHER
Date 07 19 86 Latitude 28.997 N
Time 1406 Z Longitude 76.990 W



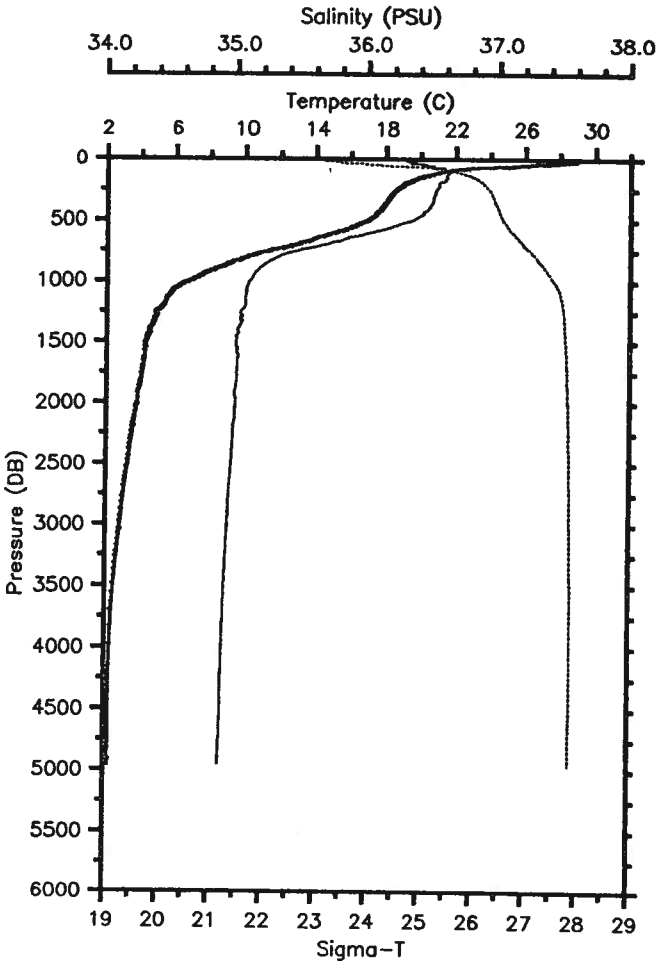

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 29.00 | 36.385 | 23.13 |
| 10 | 28.99 | 36.388 | 23.13 |
| 20 | 28.66 | 36.303 | 23.18 |
| 30 | 27.11 | 36.354 | 23.72 |
| 40 | 25.83 | 36.386 | 24.15 |
| 50 | 25.22 | 36.554 | 24.47 |
| 60 | 24.41 | 36.580 | 24.73 |
| 70 | 24.01 | 36.625 | 24.89 |
| 80 | 23.60 | 36.638 | 25.02 |
| 90 | 23.15 | 36.628 | 25.14 |
| 100 | 22.92 | 36.634 | 25.22 |
| 110 | 22.39 | 36.586 | 25.33 |
| 120 | 22.15 | 36.602 | 25.41 |
| 130 | 21.94 | 36.606 | 25.47 |
| 140 | 21.66 | 36.627 | 25.57 |
| 150 | 21.47 | 36.618 | 25.61 |
| 160 | 21.08 | 36.601 | 25.71 |
| 170 | 20.92 | 36.604 | 25.75 |
| 180 | 20.81 | 36.605 | 25.78 |
| 190 | 20.55 | 36.604 | 25.85 |
| 200 | 20.28 | 36.620 | 25.94 |
| 250 | 19.23 | 36.545 | 26.16 |
| 300 | 18.83 | 36.534 | 26.25 |
| 350 | 18.30 | 36.504 | 26.37 |
| 400 | 18.08 | 36.495 | 26.41 |
| 450 | 17.80 | 36.470 | 26.46 |
| 500 | 17.24 | 36.389 | 26.54 |
| 550 | 16.76 | 36.307 | 26.59 |
| 600 | 15.97 | 36.171 | 26.67 |
| 650 | 14.84 | 35.985 | 26.78 |
| 700 | 13.65 | 35.799 | 26.89 |
| 750 | 12.59 | 35.639 | 26.99 |
| 800 | 11.37 | 35.474 | 27.09 |
| 850 | 10.26 | 35.337 | 27.19 |
| 900 | 8.57 | 35.116 | 27.30 |
| 950 | 8.04 | 35.075 | 27.35 |
| 1000 | 6.67 | 35.084 | 27.55 |
| 1028 | 5.77 | 35.056 | 27.65 |

RES-STACS25-86 CTD 15 RESEARCHER
Date 07 19 86 Latitude 28.988 N
Time 1919 Z Longitude 76.473 W



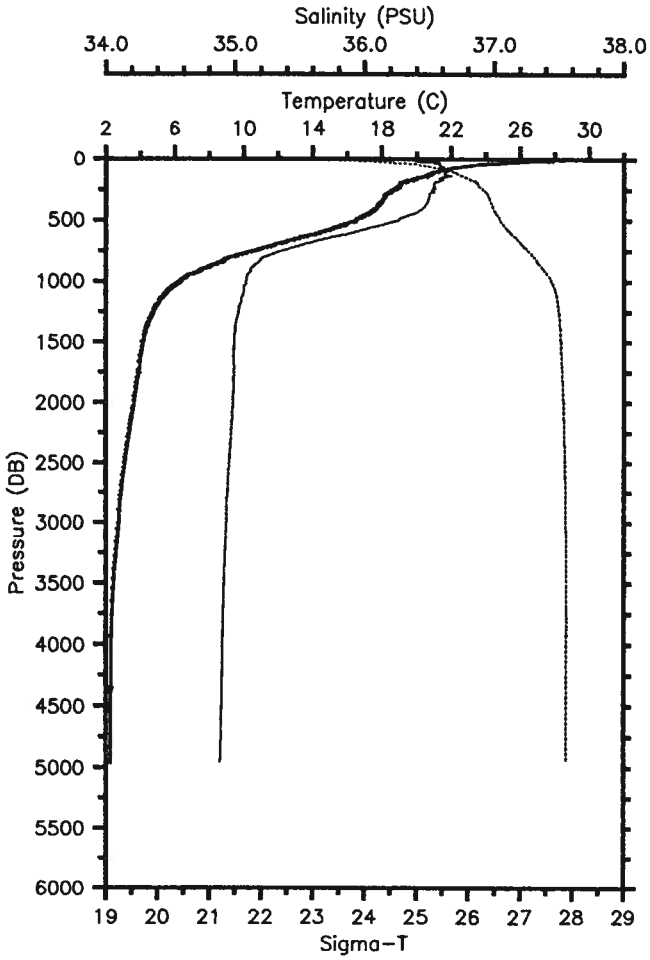

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 29.17 | 36.435 | 23.10 |
| 10 | 29.15 | 36.433 | 23.11 |
| 20 | 28.32 | 36.333 | 23.31 |
| 30 | 26.83 | 36.377 | 23.83 |
| 40 | 25.94 | 36.500 | 24.20 |
| 50 | 24.98 | 36.476 | 24.48 |
| 60 | 24.50 | 36.559 | 24.69 |
| 70 | 23.81 | 36.511 | 24.86 |
| 80 | 23.51 | 36.583 | 25.00 |
| 90 | 23.17 | 36.584 | 25.11 |
| 100 | 22.89 | 36.573 | 25.18 |
| 110 | 22.49 | 36.566 | 25.29 |
| 120 | 22.20 | 36.583 | 25.38 |
| 130 | 21.97 | 36.609 | 25.47 |
| 140 | 21.71 | 36.599 | 25.53 |
| 150 | 21.45 | 36.598 | 25.60 |
| 160 | 21.15 | 36.607 | 25.69 |
| 170 | 20.88 | 36.604 | 25.77 |
| 180 | 20.63 | 36.593 | 25.83 |
| 190 | 20.42 | 36.591 | 25.88 |
| 200 | 20.29 | 36.587 | 25.91 |
| 250 | 19.43 | 36.554 | 26.11 |
| 300 | 18.86 | 36.534 | 26.25 |
| 350 | 18.41 | 36.511 | 26.34 |
| 400 | 18.13 | 36.497 | 26.40 |
| 450 | 17.83 | 36.472 | 26.46 |
| 500 | 17.35 | 36.406 | 26.53 |
| 550 | 16.86 | 36.326 | 26.58 |
| 600 | 15.92 | 36.162 | 26.68 |
| 650 | 14.97 | 36.003 | 26.77 |
| 700 | 13.68 | 35.776 | 26.87 |
| 750 | 12.70 | 35.643 | 26.97 |
| 800 | 11.36 | 35.465 | 27.09 |
| 850 | 9.60 | 35.209 | 27.20 |
| 900 | 8.30 | 35.081 | 27.31 |
| 950 | 7.80 | 35.102 | 27.40 |
| 1000 | 7.06 | 35.109 | 27.52 |
| 1500 | 4.44 | 35.017 | 27.77 |
| 2000 | 3.79 | 34.989 | 27.82 |
| 2500 | 3.24 | 34.964 | 27.86 |
| 3000 | 2.80 | 34.937 | 27.87 |
| 3500 | 2.51 | 34.918 | 27.88 |
| 3954 | 2.36 | 34.906 | 27.89 |

RES-STACS25-86 CTD 16 RESEARCHER
Date 07 20 86 Latitude 28.990 N
Time 0027 Z Longitude 75.990 W



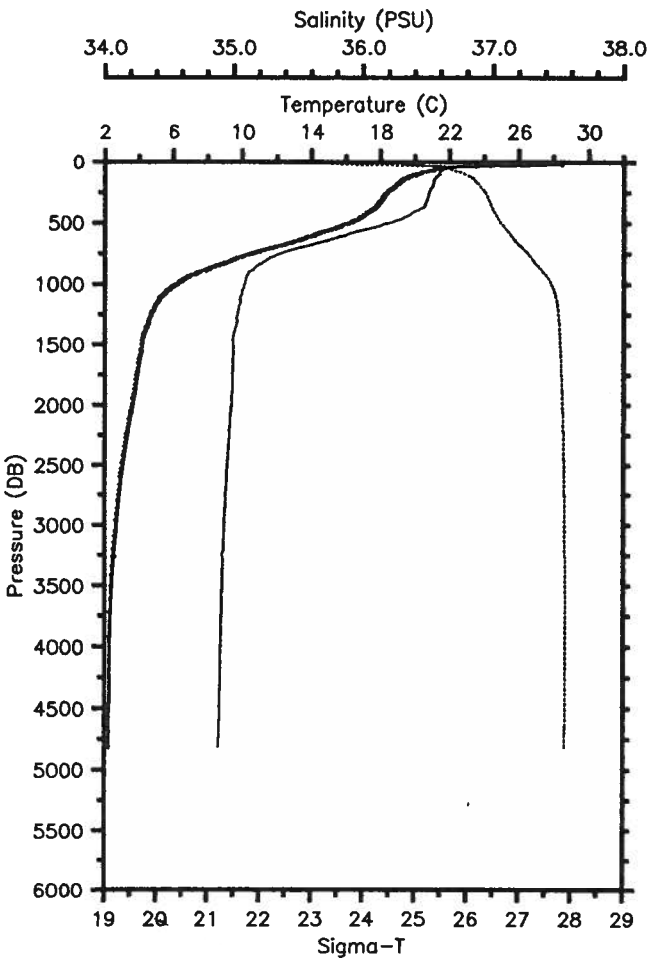

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.92 | 36.302 | 23.09 |
| 10 | 28.90 | 36.295 | 23.09 |
| 20 | 28.74 | 36.291 | 23.14 |
| 30 | 28.03 | 36.358 | 23.43 |
| 40 | 26.69 | 36.412 | 23.90 |
| 50 | 25.89 | 36.439 | 24.17 |
| 60 | 24.76 | 36.483 | 24.55 |
| 70 | 22.98 | 36.542 | 25.13 |
| 80 | 22.36 | 36.581 | 25.34 |
| 90 | 21.78 | 36.588 | 25.50 |
| 100 | 21.38 | 36.594 | 25.62 |
| 110 | 21.06 | 36.601 | 25.71 |
| 120 | 20.78 | 36.602 | 25.79 |
| 130 | 20.46 | 36.599 | 25.88 |
| 140 | 20.13 | 36.595 | 25.96 |
| 150 | 19.93 | 36.604 | 26.02 |
| 160 | 19.74 | 36.596 | 26.07 |
| 170 | 19.57 | 36.593 | 26.11 |
| 180 | 19.43 | 36.589 | 26.14 |
| 190 | 19.17 | 36.546 | 26.18 |
| 200 | 19.05 | 36.536 | 26.20 |
| 250 | 18.60 | 36.519 | 26.30 |
| 300 | 18.28 | 36.503 | 26.37 |
| 350 | 18.06 | 36.490 | 26.42 |
| 400 | 17.74 | 36.460 | 26.47 |
| 450 | 17.47 | 36.425 | 26.51 |
| 500 | 16.95 | 36.333 | 26.57 |
| 550 | 16.09 | 36.187 | 26.66 |
| 600 | 15.14 | 36.029 | 26.75 |
| 650 | 13.96 | 35.840 | 26.86 |
| 700 | 12.93 | 35.680 | 26.95 |
| 750 | 11.46 | 35.479 | 27.08 |
| 800 | 10.16 | 35.318 | 27.19 |
| 850 | 9.18 | 35.228 | 27.29 |
| 900 | 8.26 | 35.167 | 27.38 |
| 950 | 7.50 | 35.128 | 27.47 |
| 1000 | 6.79 | 35.099 | 27.55 |
| 1500 | 4.28 | 34.996 | 27.77 |
| 2000 | 3.78 | 34.992 | 27.82 |
| 2500 | 3.27 | 34.964 | 27.85 |
| 3000 | 2.83 | 34.937 | 27.87 |
| 3500 | 2.48 | 34.916 | 27.89 |
| 4000 | 2.30 | 34.902 | 27.89 |
| 4500 | 2.26 | 34.893 | 27.89 |
| 4950 | 2.24 | 34.883 | 27.88 |

RES-STACS25-86 CTD 17 RESEARCHER
Date 07 20 86 Latitude 29.007 N
Time 0552 Z Longitude 75.488 W



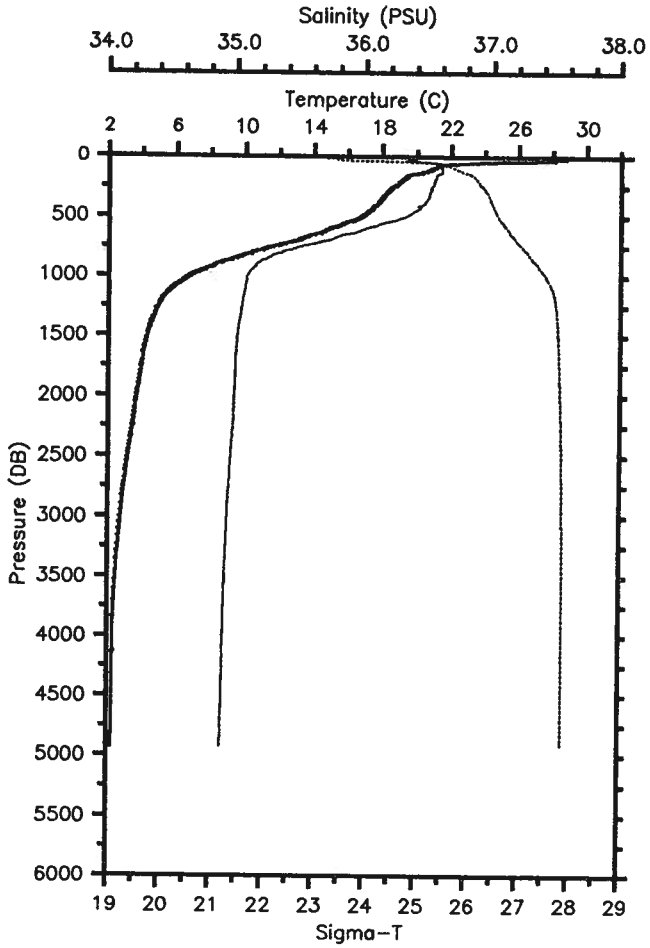

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.44 | 36.384 | 23.31 |
| 10 | 27.91 | 36.382 | 23.48 |
| 20 | 26.76 | 36.387 | 23.86 |
| 30 | 25.41 | 36.570 | 24.42 |
| 40 | 24.16 | 36.578 | 24.81 |
| 50 | 23.34 | 36.585 | 25.05 |
| 60 | 22.81 | 36.599 | 25.22 |
| 70 | 22.28 | 36.595 | 25.37 |
| 80 | 21.89 | 36.604 | 25.49 |
| 90 | 21.53 | 36.607 | 25.59 |
| 100 | 21.28 | 36.627 | 25.67 |
| 110 | 21.03 | 36.621 | 25.74 |
| 120 | 20.85 | 36.620 | 25.78 |
| 130 | 20.65 | 36.615 | 25.84 |
| 140 | 20.55 | 36.651 | 25.89 |
| 150 | 20.18 | 36.596 | 25.95 |
| 160 | 19.92 | 36.576 | 26.00 |
| 170 | 19.73 | 36.588 | 26.06 |
| 180 | 19.42 | 36.578 | 26.14 |
| 190 | 19.18 | 36.539 | 26.17 |
| 200 | 19.14 | 36.540 | 26.18 |
| 250 | 18.72 | 36.526 | 26.28 |
| 300 | 18.20 | 36.500 | 26.39 |
| 350 | 17.97 | 36.485 | 26.43 |
| 400 | 17.68 | 36.452 | 26.48 |
| 450 | 17.21 | 36.380 | 26.54 |
| 500 | 16.54 | 36.266 | 26.61 |
| 550 | 15.61 | 36.103 | 26.70 |
| 600 | 14.49 | 35.919 | 26.81 |
| 650 | 13.18 | 35.717 | 26.93 |
| 700 | 11.86 | 35.531 | 27.05 |
| 750 | 10.65 | 35.374 | 27.15 |
| 800 | 9.37 | 35.242 | 27.27 |
| 850 | 8.53 | 35.179 | 27.35 |
| 900 | 7.59 | 35.122 | 27.45 |
| 950 | 6.79 | 35.097 | 27.55 |
| 1000 | 6.32 | 35.086 | 27.60 |
| 1500 | 4.18 | 34.992 | 27.76 |
| 2000 | 3.65 | 34.985 | 27.83 |
| 2500 | 3.12 | 34.956 | 27.86 |
| 3000 | 2.75 | 34.933 | 27.88 |
| 3500 | 2.46 | 34.915 | 27.89 |
| 4000 | 2.32 | 34.903 | 27.89 |
| 4500 | 2.29 | 34.896 | 27.89 |
| 4952 | 2.26 | 34.885 | 27.88 |

RES-STACS25-86 CTD 18 RESEARCHER
Date 07 20 86 Latitude 29.012 N
Time 1133 Z Longitude 74.987 W



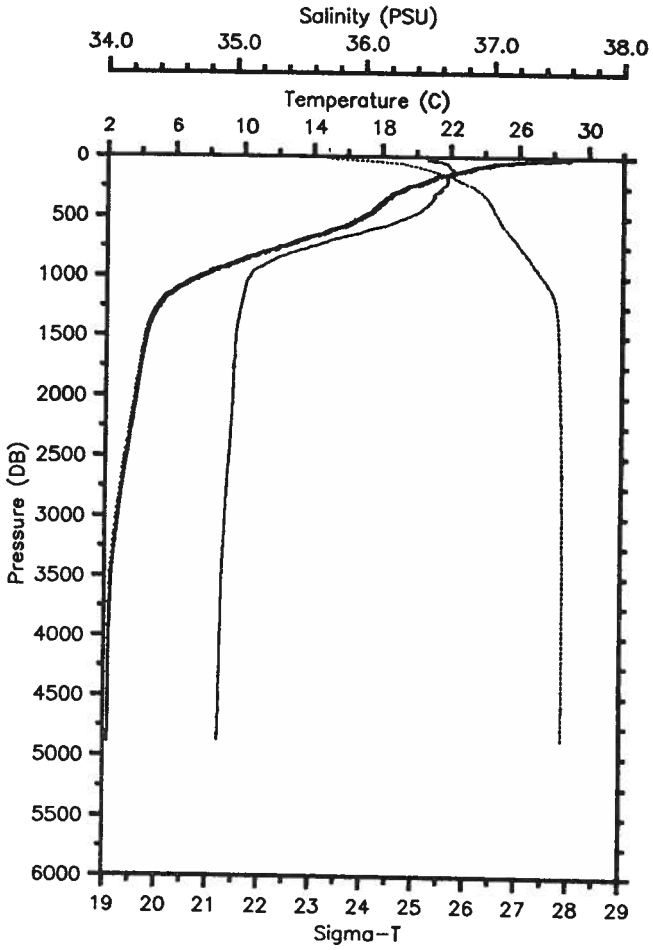

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.46 | 36.389 | 23.31 |
| 10 | 28.46 | 36.388 | 23.31 |
| 20 | 27.81 | 36.382 | 23.52 |
| 30 | 24.82 | 36.413 | 24.48 |
| 40 | 22.52 | 36.638 | 25.33 |
| 50 | 21.78 | 36.623 | 25.53 |
| 60 | 21.25 | 36.616 | 25.67 |
| 70 | 21.05 | 36.612 | 25.73 |
| 80 | 20.67 | 36.593 | 25.81 |
| 90 | 20.35 | 36.588 | 25.90 |
| 100 | 20.15 | 36.592 | 25.95 |
| 110 | 19.88 | 36.580 | 26.01 |
| 120 | 19.66 | 36.567 | 26.06 |
| 130 | 19.50 | 36.563 | 26.10 |
| 140 | 19.35 | 36.551 | 26.13 |
| 150 | 19.25 | 36.545 | 26.15 |
| 160 | 19.17 | 36.542 | 26.17 |
| 170 | 19.11 | 36.547 | 26.19 |
| 180 | 18.98 | 36.541 | 26.22 |
| 190 | 18.91 | 36.538 | 26.24 |
| 200 | 18.85 | 36.536 | 26.25 |
| 250 | 18.39 | 36.510 | 26.35 |
| 300 | 18.13 | 36.495 | 26.40 |
| 350 | 17.86 | 36.478 | 26.45 |
| 400 | 17.43 | 36.413 | 26.51 |
| 450 | 16.95 | 36.337 | 26.57 |
| 500 | 16.25 | 36.215 | 26.64 |
| 550 | 15.23 | 36.045 | 26.74 |
| 600 | 14.20 | 35.873 | 26.84 |
| 650 | 13.12 | 35.709 | 26.94 |
| 700 | 11.84 | 35.524 | 27.04 |
| 750 | 10.55 | 35.369 | 27.16 |
| 800 | 9.50 | 35.260 | 27.26 |
| 850 | 8.52 | 35.183 | 27.36 |
| 900 | 7.56 | 35.120 | 27.45 |
| 950 | 6.76 | 35.097 | 27.55 |
| 1000 | 6.20 | 35.084 | 27.61 |
| 1500 | 4.18 | 34.997 | 27.79 |
| 2000 | 3.63 | 34.986 | 27.83 |
| 2500 | 3.06 | 34.954 | 27.86 |
| 3000 | 2.70 | 34.931 | 27.88 |
| 3500 | 2.42 | 34.913 | 27.89 |
| 4000 | 2.30 | 34.902 | 27.89 |
| 4500 | 2.27 | 34.894 | 27.89 |
| 4818 | 2.24 | 34.886 | 27.88 |

RES-STACS25-86 CTD 19 RESEARCHER
Date 07 20 86 Latitude 28.430 N
Time 1801 Z Longitude 75.305 W



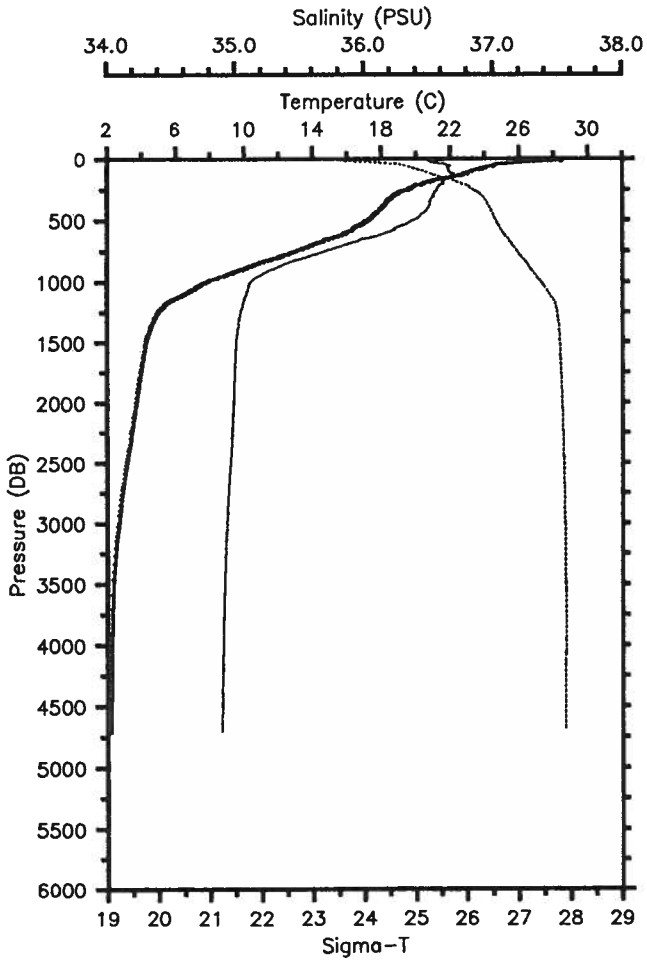

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.77 | 36.322 | 23.15 |
| 10 | 28.75 | 36.325 | 23.16 |
| 20 | 28.33 | 36.371 | 23.34 |
| 30 | 27.85 | 36.374 | 23.50 |
| 40 | 25.25 | 36.387 | 24.33 |
| 50 | 23.17 | 36.548 | 25.08 |
| 60 | 22.10 | 36.586 | 25.41 |
| 70 | 21.44 | 36.587 | 25.60 |
| 80 | 21.21 | 36.590 | 25.66 |
| 90 | 21.07 | 36.592 | 25.70 |
| 100 | 20.88 | 36.598 | 25.76 |
| 110 | 20.73 | 36.600 | 25.80 |
| 120 | 20.53 | 36.594 | 25.85 |
| 130 | 20.33 | 36.595 | 25.91 |
| 140 | 20.03 | 36.591 | 25.99 |
| 150 | 19.61 | 36.559 | 26.07 |
| 160 | 19.49 | 36.550 | 26.10 |
| 170 | 19.36 | 36.551 | 26.13 |
| 180 | 19.25 | 36.546 | 26.15 |
| 190 | 19.15 | 36.540 | 26.18 |
| 200 | 19.10 | 36.541 | 26.19 |
| 250 | 18.61 | 36.516 | 26.30 |
| 300 | 18.23 | 36.501 | 26.38 |
| 350 | 17.94 | 36.481 | 26.44 |
| 400 | 17.65 | 36.448 | 26.48 |
| 450 | 17.24 | 36.390 | 26.54 |
| 500 | 16.76 | 36.310 | 26.59 |
| 550 | 15.83 | 36.151 | 26.69 |
| 600 | 14.92 | 36.000 | 26.78 |
| 650 | 14.00 | 35.841 | 26.85 |
| 700 | 13.05 | 35.709 | 26.95 |
| 750 | 11.67 | 35.507 | 27.06 |
| 800 | 10.39 | 35.350 | 27.18 |
| 850 | 9.40 | 35.241 | 27.26 |
| 900 | 8.29 | 35.157 | 27.37 |
| 950 | 7.53 | 35.112 | 27.45 |
| 1000 | 6.76 | 35.079 | 27.53 |
| 1500 | 4.30 | 35.006 | 27.78 |
| 2000 | 3.69 | 34.985 | 27.83 |
| 2500 | 3.18 | 34.958 | 27.86 |
| 3000 | 2.76 | 34.933 | 27.88 |
| 3500 | 2.48 | 34.916 | 27.89 |
| 4000 | 2.34 | 34.904 | 27.89 |
| 4500 | 2.30 | 34.897 | 27.89 |
| 4928 | 2.27 | 34.887 | 27.88 |

RES-STACS25-86 CTD 20 RESEARCHER
Date 07 21 86 Latitude 27.807 N
Time 0414 Z Longitude 75.637 W



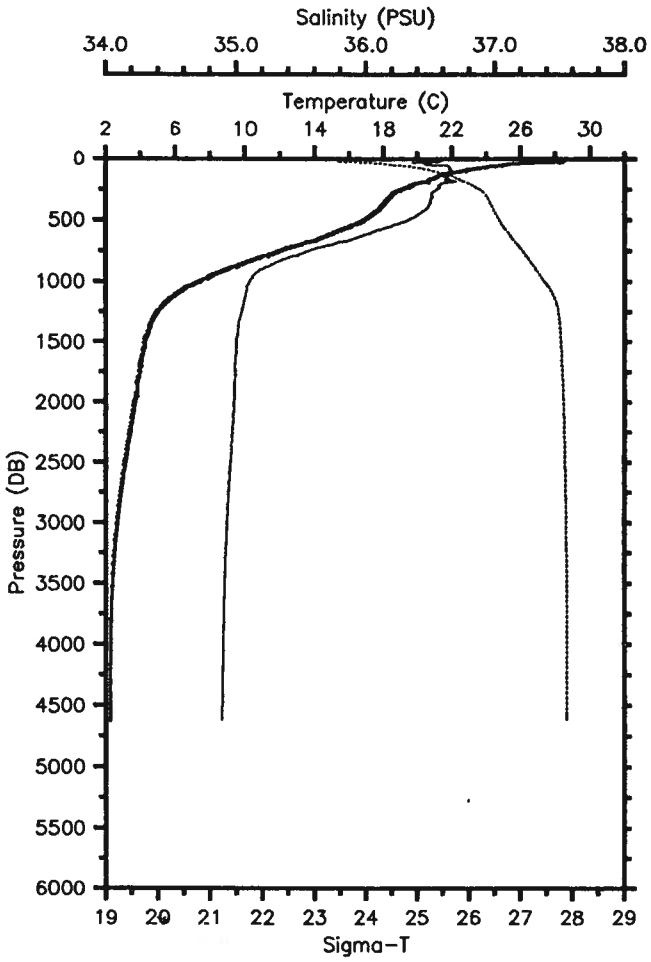

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.86 | 36.377 | 23.16 |
| 10 | 28.91 | 36.405 | 23.17 |
| 20 | 28.88 | 36.561 | 23.30 |
| 30 | 27.93 | 36.525 | 23.59 |
| 40 | 26.48 | 36.524 | 24.05 |
| 50 | 25.58 | 36.514 | 24.40 |
| 60 | 24.77 | 36.634 | 24.67 |
| 70 | 24.27 | 36.650 | 24.83 |
| 80 | 24.02 | 36.654 | 24.91 |
| 90 | 23.56 | 36.662 | 25.05 |
| 100 | 23.28 | 36.659 | 25.13 |
| 110 | 23.11 | 36.690 | 25.20 |
| 120 | 22.86 | 36.696 | 25.28 |
| 130 | 22.58 | 36.692 | 25.36 |
| 140 | 22.26 | 36.681 | 25.44 |
| 150 | 22.04 | 36.709 | 25.52 |
| 160 | 21.51 | 36.658 | 25.63 |
| 170 | 21.18 | 36.645 | 25.71 |
| 180 | 21.11 | 36.647 | 25.73 |
| 190 | 20.91 | 36.637 | 25.78 |
| 200 | 20.74 | 36.642 | 25.83 |
| 250 | 19.58 | 36.606 | 26.11 |
| 300 | 18.88 | 36.574 | 26.27 |
| 350 | 18.34 | 36.532 | 26.38 |
| 400 | 17.90 | 36.494 | 26.46 |
| 450 | 17.53 | 36.443 | 26.51 |
| 500 | 16.99 | 36.356 | 26.57 |
| 550 | 16.37 | 36.249 | 26.64 |
| 600 | 15.47 | 36.095 | 26.73 |
| 650 | 14.58 | 35.947 | 26.81 |
| 700 | 13.33 | 35.751 | 26.93 |
| 750 | 12.47 | 35.623 | 27.00 |
| 800 | 11.35 | 35.470 | 27.09 |
| 850 | 10.26 | 35.334 | 27.19 |
| 900 | 9.45 | 35.250 | 27.26 |
| 950 | 8.48 | 35.167 | 27.35 |
| 1000 | 7.64 | 35.113 | 27.44 |
| 1500 | 4.37 | 35.009 | 27.77 |
| 2000 | 3.79 | 34.987 | 27.82 |
| 2500 | 3.23 | 34.960 | 27.85 |
| 3000 | 2.78 | 34.934 | 27.87 |
| 3500 | 2.41 | 34.911 | 27.89 |
| 4000 | 2.30 | 34.901 | 27.89 |
| 4500 | 2.29 | 34.896 | 27.89 |
| 4880 | 2.26 | 34.888 | 27.88 |

RES-STACS25-86 CTD 21 RESEARCHER
Date 07 21 86 Latitude 27.183 N
Time 1137 Z Longitude 75.735 W



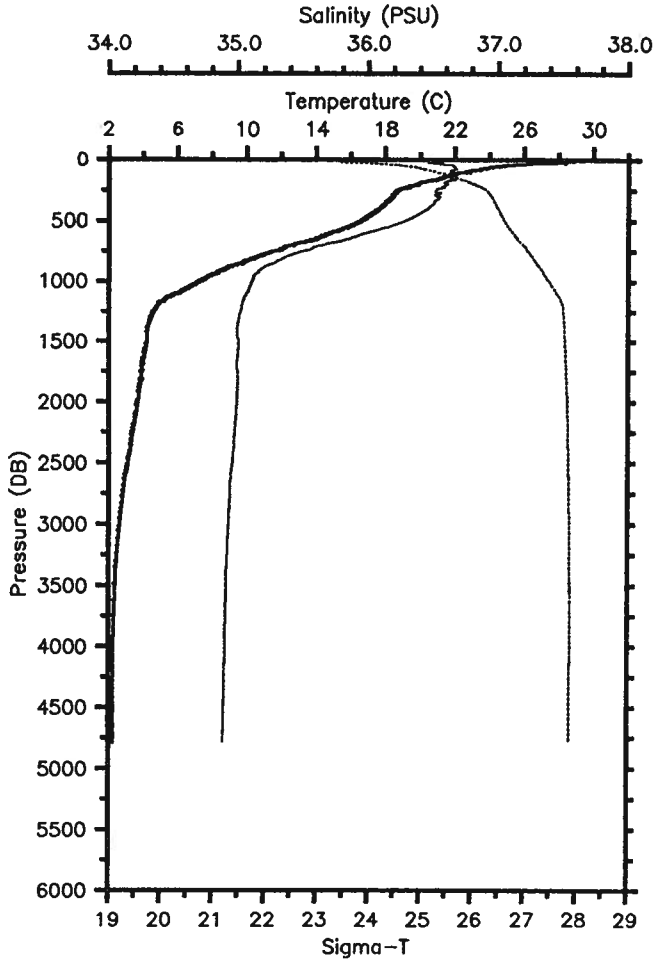

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.48 | 36.633 | 23.49 |
| 10 | 28.47 | 36.634 | 23.49 |
| 20 | 28.18 | 36.567 | 23.53 |
| 30 | 26.47 | 36.559 | 24.08 |
| 40 | 25.37 | 36.570 | 24.43 |
| 50 | 24.67 | 36.634 | 24.70 |
| 60 | 24.42 | 36.658 | 24.79 |
| 70 | 24.10 | 36.648 | 24.88 |
| 80 | 23.86 | 36.655 | 24.96 |
| 90 | 23.58 | 36.650 | 25.03 |
| 100 | 23.33 | 36.659 | 25.12 |
| 110 | 23.12 | 36.660 | 25.18 |
| 120 | 22.98 | 36.697 | 25.24 |
| 130 | 22.73 | 36.683 | 25.31 |
| 140 | 22.50 | 36.705 | 25.39 |
| 150 | 22.15 | 36.688 | 25.48 |
| 160 | 21.76 | 36.671 | 25.57 |
| 170 | 21.38 | 36.644 | 25.66 |
| 180 | 20.99 | 36.613 | 25.74 |
| 190 | 20.81 | 36.616 | 25.79 |
| 200 | 20.53 | 36.604 | 25.86 |
| 250 | 19.57 | 36.563 | 26.09 |
| 300 | 18.72 | 36.530 | 26.28 |
| 350 | 18.32 | 36.506 | 26.36 |
| 400 | 18.02 | 36.497 | 26.43 |
| 450 | 17.62 | 36.449 | 26.49 |
| 500 | 17.24 | 36.389 | 26.54 |
| 550 | 16.61 | 36.283 | 26.61 |
| 600 | 15.98 | 36.180 | 26.68 |
| 650 | 14.95 | 36.008 | 26.76 |
| 700 | 14.03 | 35.856 | 26.86 |
| 750 | 13.04 | 35.709 | 26.95 |
| 800 | 12.00 | 35.558 | 27.04 |
| 850 | 10.82 | 35.402 | 27.14 |
| 900 | 9.83 | 35.284 | 27.22 |
| 950 | 8.83 | 35.194 | 27.32 |
| 1000 | 7.82 | 35.118 | 27.41 |
| 1500 | 4.29 | 35.004 | 27.78 |
| 2000 | 3.73 | 34.986 | 27.82 |
| 2500 | 3.18 | 34.958 | 27.86 |
| 3000 | 2.71 | 34.931 | 27.88 |
| 3500 | 2.39 | 34.911 | 27.89 |
| 4000 | 2.28 | 34.900 | 27.89 |
| 4500 | 2.25 | 34.892 | 27.89 |
| 4704 | 2.23 | 34.886 | 27.88 |

RES-STACS25-86 CTD 22 RESEARCHER
Date 07 21 86 Latitude 26.523 N
Time 1837 Z Longitude 75.937 W



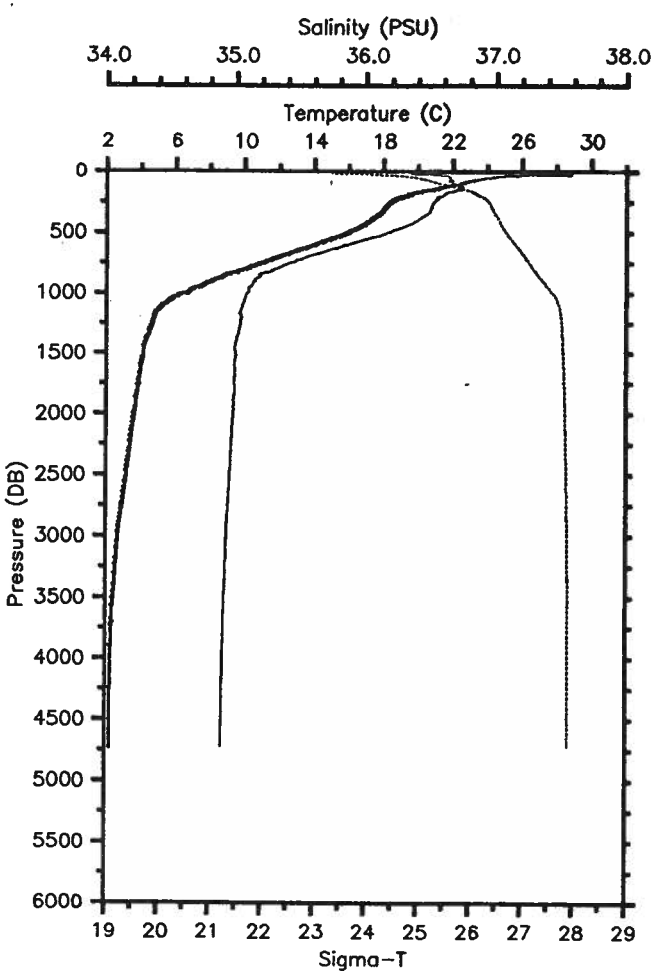

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.55 | 36.584 | 23.42 |
| 10 | 28.49 | 36.583 | 23.44 |
| 20 | 28.44 | 36.580 | 23.46 |
| 30 | 27.43 | 36.438 | 23.68 |
| 40 | 25.60 | 36.480 | 24.30 |
| 50 | 25.00 | 36.502 | 24.50 |
| 60 | 24.46 | 36.638 | 24.76 |
| 70 | 23.94 | 36.654 | 24.93 |
| 80 | 23.36 | 36.659 | 25.11 |
| 90 | 22.94 | 36.666 | 25.23 |
| 100 | 22.61 | 36.662 | 25.32 |
| 110 | 22.23 | 36.640 | 25.42 |
| 120 | 21.75 | 36.615 | 25.53 |
| 130 | 21.57 | 36.624 | 25.59 |
| 140 | 21.27 | 36.633 | 25.68 |
| 150 | 21.07 | 36.621 | 25.73 |
| 160 | 20.88 | 36.639 | 25.79 |
| 170 | 20.68 | 36.620 | 25.83 |
| 180 | 20.68 | 36.681 | 25.88 |
| 190 | 20.36 | 36.655 | 25.95 |
| 200 | 19.97 | 36.586 | 26.00 |
| 250 | 19.04 | 36.555 | 26.22 |
| 300 | 18.45 | 36.514 | 26.34 |
| 350 | 18.16 | 36.502 | 26.40 |
| 400 | 17.84 | 36.478 | 26.46 |
| 450 | 17.39 | 36.412 | 26.52 |
| 500 | 16.87 | 36.330 | 26.58 |
| 550 | 16.13 | 36.202 | 26.66 |
| 600 | 15.17 | 36.049 | 26.76 |
| 650 | 14.31 | 35.912 | 26.84 |
| 700 | 13.17 | 35.739 | 26.95 |
| 750 | 12.02 | 35.564 | 27.04 |
| 800 | 10.98 | 35.424 | 27.13 |
| 850 | 9.97 | 35.302 | 27.21 |
| 900 | 8.98 | 35.201 | 27.30 |
| 950 | 8.12 | 35.132 | 27.38 |
| 1000 | 7.42 | 35.107 | 27.46 |
| 1500 | 4.28 | 35.003 | 27.78 |
| 2000 | 3.69 | 34.984 | 27.83 |
| 2500 | 3.14 | 34.955 | 27.86 |
| 3000 | 2.68 | 34.930 | 27.88 |
| 3500 | 2.39 | 34.911 | 27.89 |
| 4000 | 2.29 | 34.900 | 27.89 |
| 4500 | 2.26 | 34.893 | 27.89 |
| 4618 | 2.24 | 34.889 | 27.88 |

RES-STACS25-86 CTD 23 RESEARCHER
Date 07 21 86 Latitude 26.505 N
Time 2352 Z Longitude 76.145 W



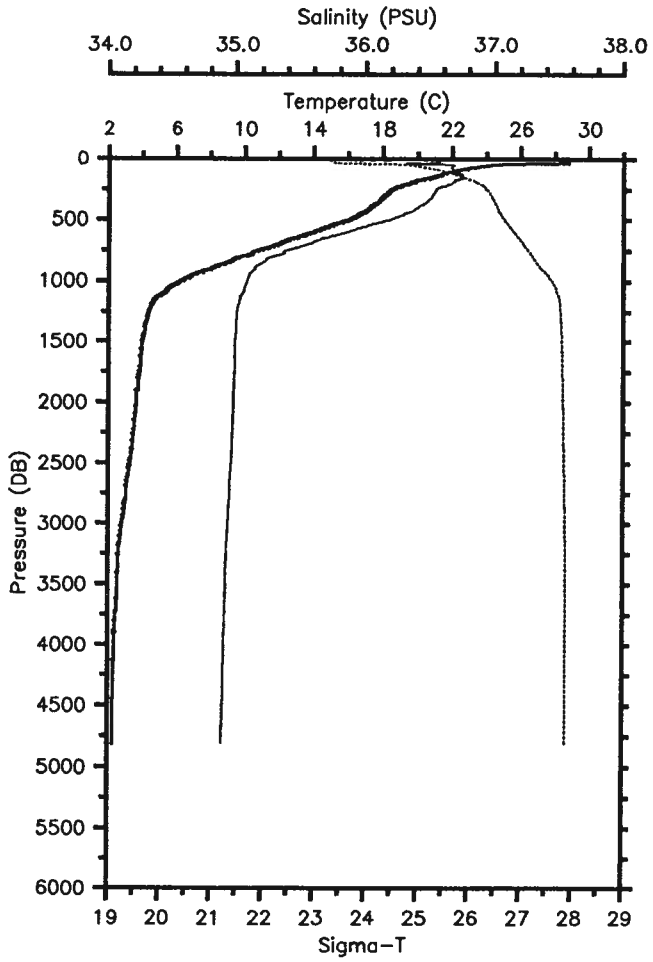

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.84 | 36.492 | 23.26 |
| 10 | 28.69 | 36.567 | 23.37 |
| 20 | 28.38 | 36.573 | 23.47 |
| 30 | 26.70 | 36.474 | 23.94 |
| 40 | 25.68 | 36.579 | 24.35 |
| 50 | 24.82 | 36.685 | 24.67 |
| 60 | 24.22 | 36.659 | 24.85 |
| 70 | 23.84 | 36.670 | 24.97 |
| 80 | 23.46 | 36.676 | 25.09 |
| 90 | 22.97 | 36.639 | 25.20 |
| 100 | 22.70 | 36.644 | 25.28 |
| 110 | 22.20 | 36.634 | 25.42 |
| 120 | 21.86 | 36.658 | 25.53 |
| 130 | 21.56 | 36.633 | 25.80 |
| 140 | 21.36 | 36.631 | 25.65 |
| 150 | 21.20 | 36.643 | 25.71 |
| 160 | 21.00 | 36.659 | 25.77 |
| 170 | 20.65 | 36.645 | 25.86 |
| 180 | 20.28 | 36.601 | 25.93 |
| 190 | 20.00 | 36.586 | 25.99 |
| 200 | 19.89 | 36.614 | 26.04 |
| 250 | 18.68 | 36.523 | 26.28 |
| 300 | 18.37 | 36.535 | 26.37 |
| 350 | 18.03 | 36.511 | 26.44 |
| 400 | 17.64 | 36.463 | 26.50 |
| 450 | 17.15 | 36.384 | 26.56 |
| 500 | 16.58 | 36.287 | 26.62 |
| 550 | 15.82 | 36.158 | 26.70 |
| 600 | 14.83 | 35.991 | 26.79 |
| 650 | 13.95 | 35.850 | 26.87 |
| 700 | 12.66 | 35.656 | 26.99 |
| 750 | 11.62 | 35.504 | 27.07 |
| 800 | 10.55 | 35.369 | 27.16 |
| 850 | 9.74 | 35.281 | 27.23 |
| 900 | 8.71 | 35.179 | 27.32 |
| 950 | 7.96 | 35.127 | 27.40 |
| 1000 | 7.27 | 35.108 | 27.49 |
| 1500 | 4.22 | 35.005 | 27.79 |
| 2000 | 3.70 | 34.993 | 27.83 |
| 2500 | 3.15 | 34.958 | 27.86 |
| 3000 | 2.66 | 34.929 | 27.88 |
| 3500 | 2.39 | 34.912 | 27.89 |
| 4000 | 2.28 | 34.901 | 27.89 |
| 4500 | 2.27 | 34.895 | 27.89 |
| 4778 | 2.26 | 34.889 | 27.88 |

RES-STACS25-86 CTD 24 RESEARCHER
Date 07 22 86 Latitude 26.535 N
Time 0552 Z Longitude 76.403 W



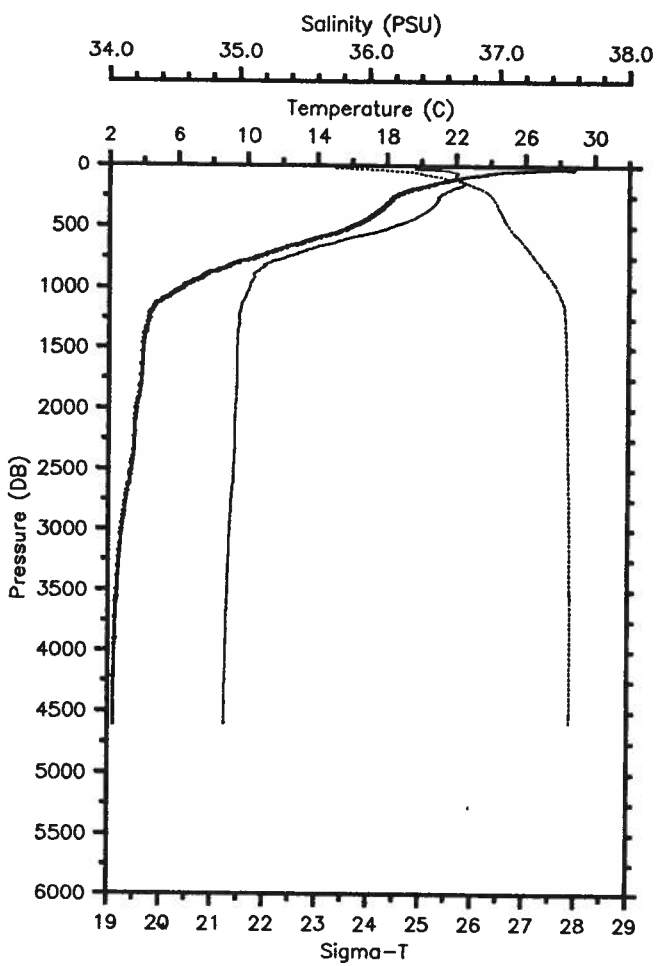

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.78 | 36.577 | 23.34 |
| 10 | 28.77 | 36.574 | 23.34 |
| 20 | 28.77 | 36.574 | 23.34 |
| 30 | 26.55 | 36.447 | 23.97 |
| 40 | 25.14 | 36.636 | 24.55 |
| 50 | 24.31 | 36.638 | 24.81 |
| 60 | 23.79 | 36.650 | 24.97 |
| 70 | 23.31 | 36.644 | 25.11 |
| 80 | 22.99 | 36.635 | 25.19 |
| 90 | 22.77 | 36.676 | 25.29 |
| 100 | 22.48 | 36.680 | 25.38 |
| 110 | 22.22 | 36.708 | 25.47 |
| 120 | 21.89 | 36.720 | 25.57 |
| 130 | 21.57 | 36.735 | 25.67 |
| 140 | 21.25 | 36.733 | 25.76 |
| 150 | 20.98 | 36.744 | 25.85 |
| 160 | 20.49 | 36.692 | 25.94 |
| 170 | 20.21 | 36.674 | 26.00 |
| 180 | 19.79 | 36.820 | 26.07 |
| 190 | 19.59 | 36.609 | 26.11 |
| 200 | 19.41 | 36.599 | 26.15 |
| 250 | 18.47 | 36.524 | 26.34 |
| 300 | 18.12 | 36.501 | 26.41 |
| 350 | 17.80 | 36.474 | 26.47 |
| 400 | 17.26 | 36.400 | 26.54 |
| 450 | 16.74 | 36.313 | 26.60 |
| 500 | 16.03 | 36.189 | 26.67 |
| 550 | 15.09 | 36.031 | 26.76 |
| 600 | 14.09 | 35.872 | 26.86 |
| 650 | 13.05 | 35.715 | 26.95 |
| 700 | 12.04 | 35.567 | 27.04 |
| 750 | 11.19 | 35.454 | 27.11 |
| 800 | 10.21 | 35.330 | 27.19 |
| 850 | 8.99 | 35.187 | 27.29 |
| 900 | 8.17 | 35.144 | 27.38 |
| 950 | 7.48 | 35.122 | 27.47 |
| 1000 | 6.76 | 35.097 | 27.55 |
| 1500 | 4.18 | 35.000 | 27.79 |
| 2000 | 3.85 | 34.983 | 27.83 |
| 2500 | 3.18 | 34.957 | 27.86 |
| 3000 | 2.73 | 34.932 | 27.88 |
| 3500 | 2.46 | 34.916 | 27.89 |
| 4000 | 2.33 | 34.905 | 27.89 |
| 4500 | 2.30 | 34.898 | 27.89 |
| 4722 | 2.29 | 34.893 | 27.88 |

RES-STACS25-86 CTD 25 RESEARCHER
Date 07 22 86 Latitude 26.540 N
Time 1114 Z Longitude 76.525 W



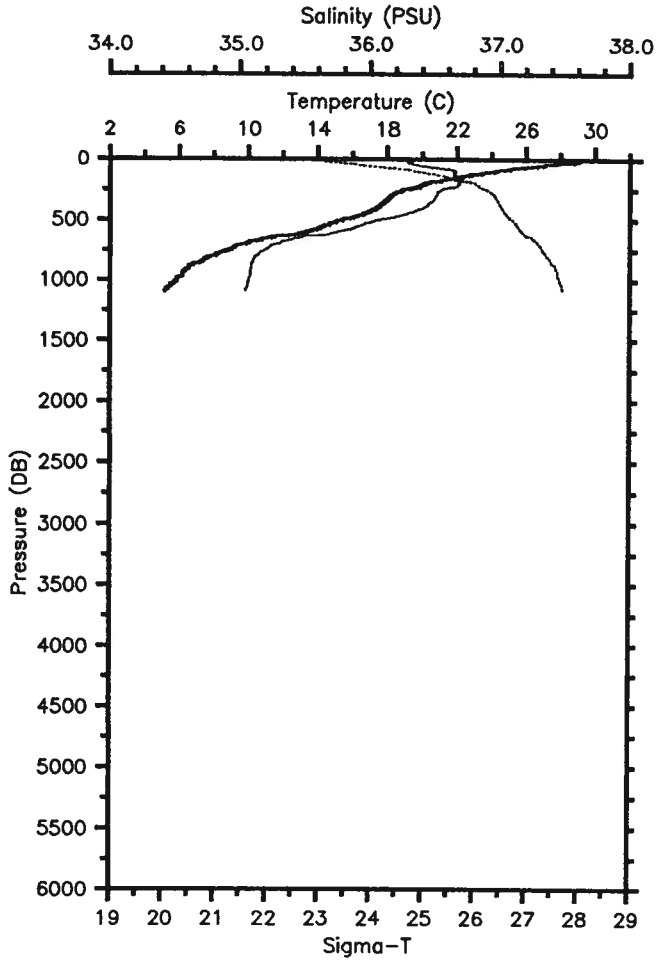

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.79 | 36.574 | 23.34 |
| 10 | 28.77 | 36.570 | 23.34 |
| 20 | 28.77 | 36.569 | 23.34 |
| 30 | 28.71 | 36.560 | 23.35 |
| 40 | 26.46 | 36.360 | 23.93 |
| 50 | 24.33 | 36.676 | 24.83 |
| 60 | 23.86 | 36.671 | 24.97 |
| 70 | 23.27 | 36.655 | 25.13 |
| 80 | 22.84 | 36.662 | 25.26 |
| 90 | 22.45 | 36.684 | 25.39 |
| 100 | 22.15 | 36.721 | 25.50 |
| 110 | 21.76 | 36.709 | 25.60 |
| 120 | 21.52 | 36.726 | 25.68 |
| 130 | 21.36 | 36.744 | 25.74 |
| 140 | 21.07 | 36.740 | 25.82 |
| 150 | 20.85 | 36.750 | 25.88 |
| 160 | 20.52 | 36.748 | 25.97 |
| 170 | 20.22 | 36.709 | 26.02 |
| 180 | 19.88 | 36.684 | 26.09 |
| 190 | 19.74 | 36.679 | 26.13 |
| 200 | 19.53 | 36.666 | 26.17 |
| 250 | 18.53 | 36.538 | 26.33 |
| 300 | 18.10 | 36.511 | 26.42 |
| 350 | 17.73 | 36.475 | 26.49 |
| 400 | 17.26 | 36.403 | 26.54 |
| 450 | 16.67 | 36.300 | 26.61 |
| 500 | 16.03 | 36.191 | 26.67 |
| 550 | 14.92 | 36.009 | 26.78 |
| 600 | 14.02 | 35.863 | 26.87 |
| 650 | 12.91 | 35.688 | 26.96 |
| 700 | 11.96 | 35.563 | 27.05 |
| 750 | 10.81 | 35.405 | 27.14 |
| 800 | 9.85 | 35.294 | 27.23 |
| 850 | 8.96 | 35.205 | 27.30 |
| 900 | 8.05 | 35.148 | 27.40 |
| 950 | 6.97 | 35.096 | 27.52 |
| 1000 | 6.21 | 35.081 | 27.61 |
| 1500 | 3.99 | 34.991 | 27.80 |
| 2000 | 3.64 | 34.980 | 27.83 |
| 2500 | 3.29 | 34.962 | 27.85 |
| 3000 | 2.82 | 34.938 | 27.87 |
| 3500 | 2.56 | 34.921 | 27.88 |
| 4000 | 2.40 | 34.909 | 27.89 |
| 4500 | 2.32 | 34.899 | 27.89 |
| 4804 | 2.30 | 34.893 | 27.88 |

RES-STACS25-86 CTD 26 RESEARCHER
Date 07 22 86 Latitude 26.580 N
Time 1711 Z Longitude 76.617 W



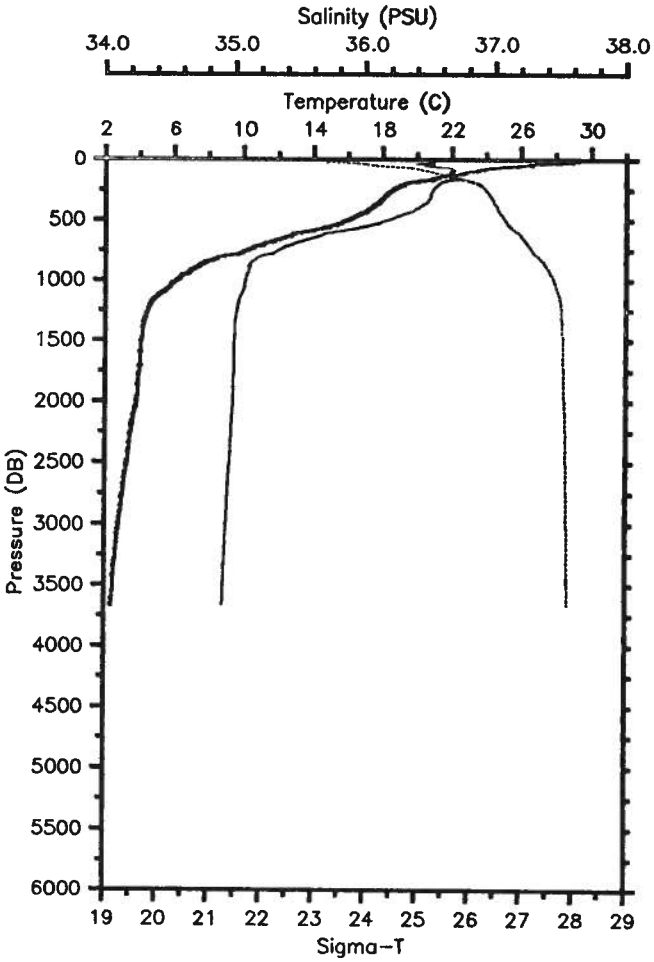

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.86 | 36.544 | 23.29 |
| 10 | 28.80 | 36.541 | 23.31 |
| 20 | 28.76 | 36.541 | 23.32 |
| 30 | 28.01 | 36.413 | 23.47 |
| 40 | 25.99 | 36.577 | 24.25 |
| 50 | 24.82 | 36.623 | 24.64 |
| 60 | 24.19 | 36.679 | 24.88 |
| 70 | 23.75 | 36.681 | 25.01 |
| 80 | 23.24 | 36.668 | 25.15 |
| 90 | 22.77 | 36.666 | 25.28 |
| 100 | 22.33 | 36.678 | 25.42 |
| 110 | 21.94 | 36.685 | 25.53 |
| 120 | 21.60 | 36.688 | 25.63 |
| 130 | 21.33 | 36.703 | 25.72 |
| 140 | 21.09 | 36.726 | 25.80 |
| 150 | 20.76 | 36.729 | 25.89 |
| 160 | 20.47 | 36.721 | 25.97 |
| 170 | 20.29 | 36.710 | 26.00 |
| 180 | 19.96 | 36.671 | 26.06 |
| 190 | 19.65 | 36.652 | 26.13 |
| 200 | 19.38 | 36.626 | 26.18 |
| 250 | 18.52 | 36.540 | 26.34 |
| 300 | 18.15 | 36.520 | 26.42 |
| 350 | 17.80 | 36.476 | 26.47 |
| 400 | 17.30 | 36.407 | 26.54 |
| 450 | 16.79 | 36.322 | 26.60 |
| 500 | 16.02 | 36.187 | 26.67 |
| 550 | 15.21 | 36.054 | 26.75 |
| 600 | 13.88 | 35.842 | 26.88 |
| 650 | 12.83 | 35.686 | 26.98 |
| 700 | 11.64 | 35.515 | 27.08 |
| 750 | 10.59 | 35.377 | 27.16 |
| 800 | 9.40 | 35.241 | 27.26 |
| 850 | 8.52 | 35.164 | 27.34 |
| 900 | 7.56 | 35.112 | 27.45 |
| 950 | 6.89 | 35.101 | 27.53 |
| 1000 | 6.32 | 35.080 | 27.59 |
| 1500 | 3.99 | 34.989 | 27.80 |
| 2000 | 3.63 | 34.978 | 27.83 |
| 2500 | 3.34 | 34.964 | 27.85 |
| 3000 | 2.78 | 34.934 | 27.87 |
| 3500 | 2.52 | 34.918 | 27.88 |
| 4000 | 2.37 | 34.907 | 27.89 |
| 4500 | 2.33 | 34.899 | 27.89 |
| 4604 | 2.33 | 34.898 | 27.88 |

RES-STACS25-86 CTD 27 RESEARCHER
Date 07 22 86 Latitude 26.542 N
Time 2316 Z Longitude 76.838 W



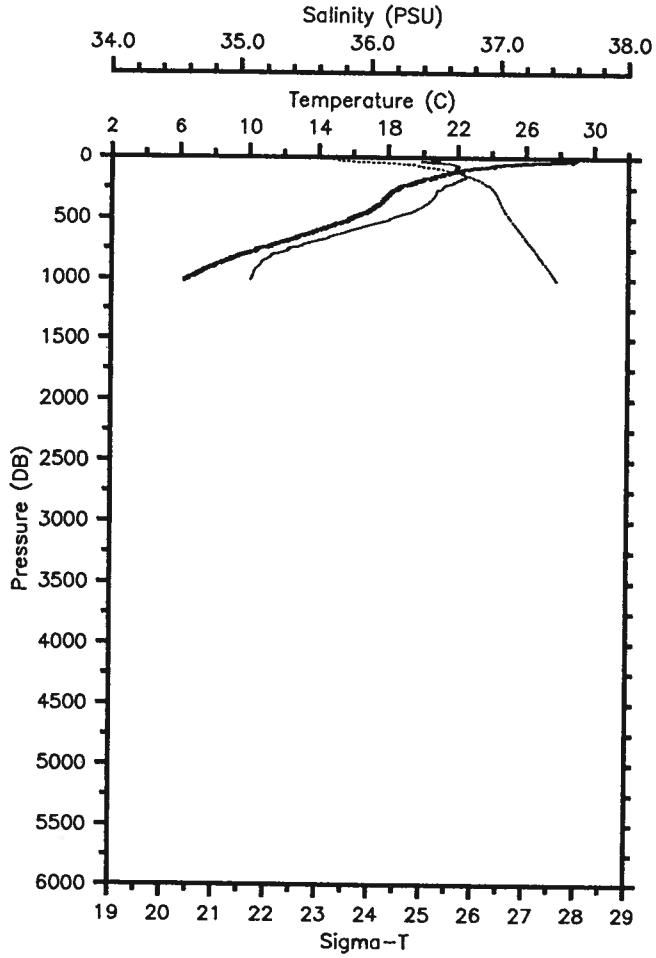

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 29.08 | 36.330 | 23.06 |
| 10 | 29.04 | 36.322 | 23.06 |
| 20 | 28.83 | 36.312 | 23.13 |
| 30 | 28.00 | 36.295 | 23.39 |
| 40 | 27.15 | 36.325 | 23.69 |
| 50 | 26.74 | 36.372 | 23.85 |
| 60 | 26.39 | 36.410 | 23.99 |
| 70 | 25.47 | 36.495 | 24.35 |
| 80 | 25.03 | 36.594 | 24.56 |
| 90 | 24.43 | 36.645 | 24.78 |
| 100 | 24.19 | 36.658 | 24.86 |
| 110 | 23.56 | 36.643 | 25.03 |
| 120 | 23.13 | 36.649 | 25.17 |
| 130 | 22.72 | 36.644 | 25.28 |
| 140 | 22.32 | 36.691 | 25.43 |
| 150 | 22.07 | 36.679 | 25.49 |
| 160 | 21.74 | 36.684 | 25.59 |
| 170 | 21.25 | 36.645 | 25.70 |
| 180 | 21.08 | 36.713 | 25.79 |
| 190 | 20.47 | 36.674 | 25.93 |
| 200 | 20.15 | 36.684 | 26.02 |
| 250 | 18.94 | 36.549 | 26.24 |
| 300 | 18.22 | 36.508 | 26.39 |
| 350 | 17.83 | 36.474 | 26.46 |
| 400 | 17.33 | 36.405 | 26.53 |
| 450 | 16.62 | 36.286 | 26.61 |
| 500 | 15.40 | 36.080 | 26.73 |
| 550 | 14.39 | 35.919 | 26.83 |
| 600 | 13.30 | 35.747 | 26.93 |
| 650 | 11.21 | 35.462 | 27.11 |
| 700 | 9.86 | 35.297 | 27.23 |
| 750 | 8.82 | 35.191 | 27.32 |
| 800 | 7.89 | 35.122 | 27.41 |
| 850 | 7.25 | 35.097 | 27.48 |
| 900 | 6.55 | 35.087 | 27.57 |
| 950 | 6.21 | 35.079 | 27.61 |
| 1000 | 5.87 | 35.069 | 27.64 |
| 1090 | 5.18 | 35.044 | 27.71 |

RES-STACS25-86 CTD 28 RESEARCHER
Date 07 23 86 Latitude 26.528 N
Time 0220 Z Longitude 76.735 W



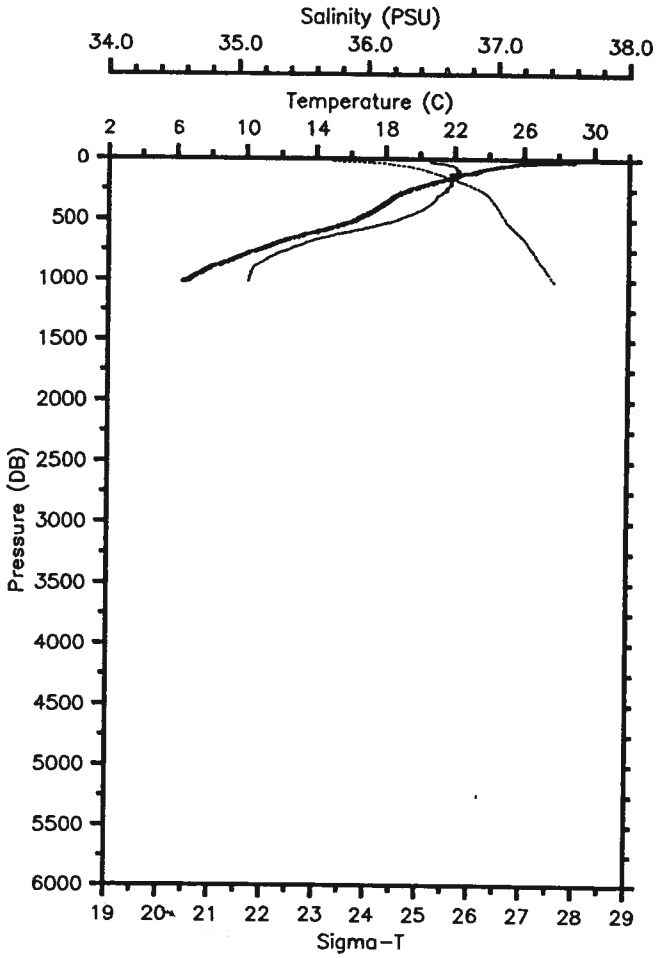

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 29.23 | 36.485 | 23.12 |
| 10 | 29.11 | 36.525 | 23.19 |
| 20 | 28.93 | 36.524 | 23.25 |
| 30 | 27.77 | 36.481 | 23.61 |
| 40 | 26.60 | 36.525 | 24.02 |
| 50 | 25.89 | 36.455 | 24.19 |
| 60 | 25.16 | 36.499 | 24.45 |
| 70 | 24.34 | 36.663 | 24.82 |
| 80 | 23.78 | 36.676 | 25.00 |
| 90 | 23.46 | 36.679 | 25.09 |
| 100 | 22.95 | 36.648 | 25.22 |
| 110 | 22.62 | 36.654 | 25.32 |
| 120 | 22.31 | 36.665 | 25.41 |
| 130 | 21.98 | 36.690 | 25.53 |
| 140 | 21.45 | 36.646 | 25.64 |
| 150 | 21.11 | 36.676 | 25.76 |
| 160 | 20.85 | 36.647 | 25.81 |
| 170 | 20.64 | 36.681 | 25.89 |
| 180 | 20.07 | 36.626 | 26.00 |
| 190 | 19.55 | 36.579 | 26.10 |
| 200 | 19.27 | 36.566 | 26.16 |
| 250 | 18.58 | 36.516 | 26.30 |
| 300 | 18.14 | 36.501 | 26.40 |
| 350 | 17.82 | 36.476 | 26.46 |
| 400 | 17.35 | 36.410 | 26.53 |
| 450 | 16.71 | 36.304 | 26.60 |
| 500 | 15.95 | 36.174 | 26.68 |
| 550 | 15.04 | 36.021 | 26.77 |
| 600 | 13.40 | 35.757 | 26.91 |
| 650 | 12.23 | 35.592 | 27.02 |
| 700 | 11.15 | 35.449 | 27.12 |
| 750 | 10.19 | 35.333 | 27.20 |
| 800 | 8.90 | 35.201 | 27.31 |
| 850 | 7.79 | 35.127 | 27.43 |
| 900 | 7.21 | 35.110 | 27.50 |
| 950 | 6.69 | 35.093 | 27.56 |
| 1000 | 6.12 | 35.077 | 27.62 |
| 1500 | 4.09 | 34.993 | 27.79 |
| 2000 | 3.83 | 34.986 | 27.81 |
| 2500 | 3.30 | 34.962 | 27.85 |
| 3000 | 2.82 | 34.936 | 27.87 |
| 3500 | 2.51 | 34.918 | 27.89 |
| 3658 | 2.41 | 34.911 | 27.89 |

RES-STACS25-86 CTD 29 RESEARCHER
Date 07 24 86 Latitude 26.590 N
Time 0259 Z Longitude 76.632 W



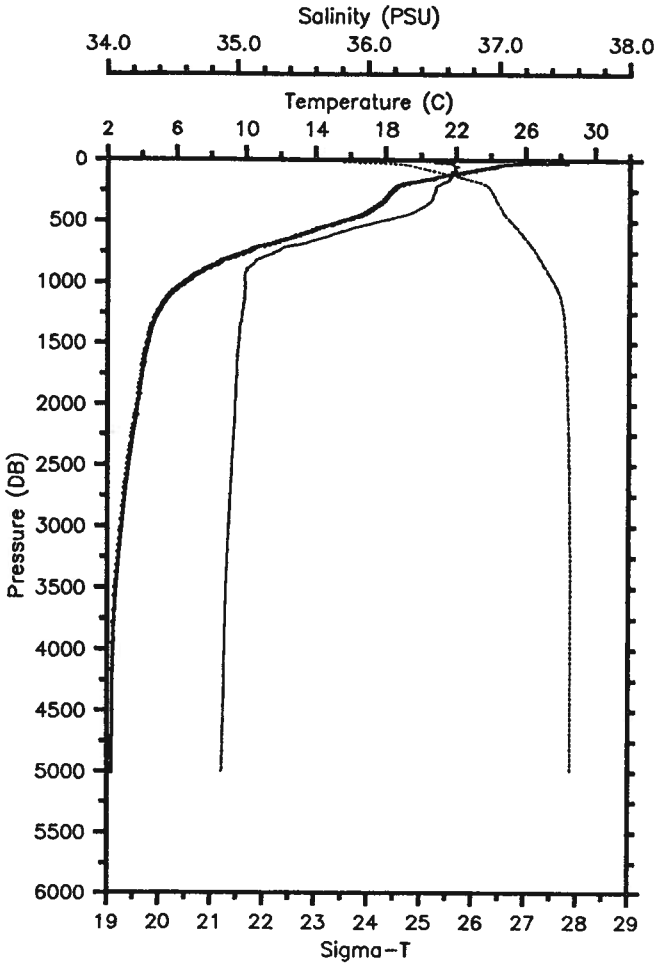

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.99 | 36.481 | 23.20 |
| 10 | 28.93 | 36.485 | 23.22 |
| 20 | 28.79 | 36.524 | 23.30 |
| 30 | 28.58 | 36.482 | 23.34 |
| 40 | 26.60 | 36.424 | 23.94 |
| 50 | 25.39 | 36.607 | 24.46 |
| 60 | 24.43 | 36.643 | 24.78 |
| 70 | 24.04 | 36.677 | 24.92 |
| 80 | 23.65 | 36.672 | 25.03 |
| 90 | 22.88 | 36.664 | 25.25 |
| 100 | 22.38 | 36.675 | 25.40 |
| 110 | 22.04 | 36.677 | 25.50 |
| 120 | 21.66 | 36.687 | 25.61 |
| 130 | 21.40 | 36.687 | 25.69 |
| 140 | 21.20 | 36.712 | 25.76 |
| 150 | 20.93 | 36.722 | 25.84 |
| 160 | 20.65 | 36.730 | 25.93 |
| 170 | 20.44 | 36.724 | 25.98 |
| 180 | 20.06 | 36.688 | 26.05 |
| 190 | 19.84 | 36.676 | 26.10 |
| 200 | 19.59 | 36.653 | 26.15 |
| 250 | 18.59 | 36.550 | 26.33 |
| 300 | 18.07 | 36.499 | 26.42 |
| 350 | 17.73 | 36.461 | 26.47 |
| 400 | 17.29 | 36.401 | 26.54 |
| 450 | 16.76 | 36.311 | 26.59 |
| 500 | 15.88 | 36.162 | 26.69 |
| 550 | 14.95 | 36.010 | 26.76 |
| 600 | 13.94 | 35.849 | 26.87 |
| 650 | 12.88 | 35.694 | 26.97 |
| 700 | 11.85 | 35.543 | 27.06 |
| 750 | 10.61 | 35.366 | 27.15 |
| 800 | 9.60 | 35.248 | 27.23 |
| 850 | 8.68 | 35.175 | 27.33 |
| 900 | 7.91 | 35.137 | 27.42 |
| 950 | 7.12 | 35.101 | 27.50 |
| 1000 | 6.49 | 35.082 | 27.57 |
| 1014 | 6.25 | 35.076 | 27.60 |

RES-STACS25-86 CTD 30 RESEARCHER
Date 07 24 86 Latitude 26.293 N
Time 1735 Z Longitude 76.197 W



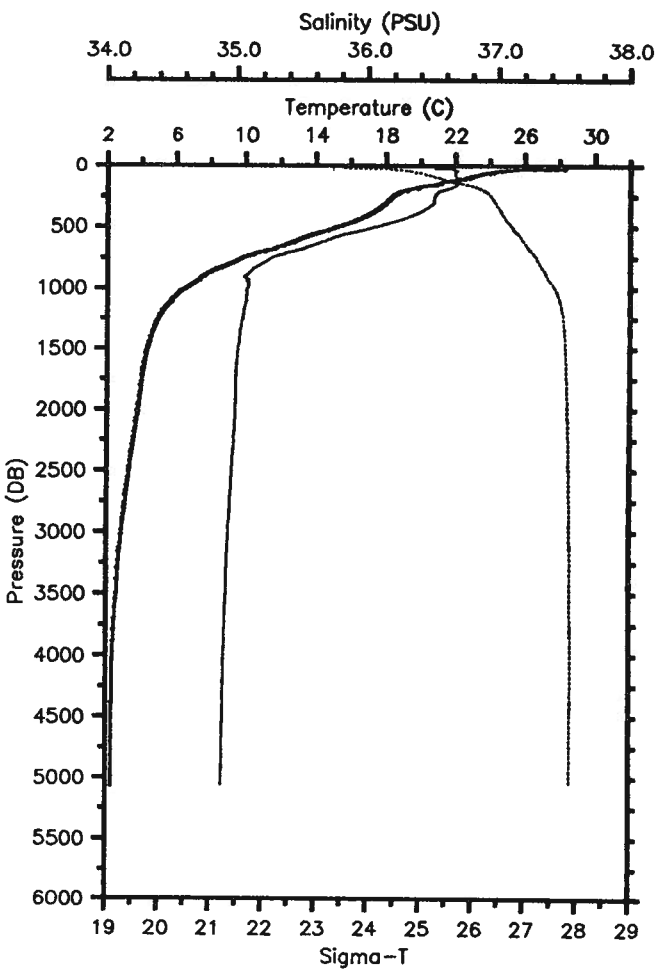

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 29.10 | 36.343 | 23.06 |
| 10 | 28.84 | 36.491 | 23.26 |
| 20 | 28.77 | 36.501 | 23.29 |
| 30 | 27.09 | 36.509 | 23.85 |
| 40 | 25.71 | 36.581 | 24.34 |
| 50 | 25.27 | 36.619 | 24.50 |
| 60 | 24.80 | 36.654 | 24.67 |
| 70 | 24.35 | 36.680 | 24.83 |
| 80 | 23.95 | 36.685 | 24.95 |
| 90 | 23.63 | 36.685 | 25.05 |
| 100 | 23.36 | 36.688 | 25.13 |
| 110 | 23.18 | 36.708 | 25.20 |
| 120 | 22.83 | 36.676 | 25.27 |
| 130 | 22.38 | 36.630 | 25.37 |
| 140 | 22.21 | 36.668 | 25.44 |
| 150 | 22.03 | 36.692 | 25.51 |
| 160 | 21.71 | 36.667 | 25.58 |
| 170 | 21.51 | 36.671 | 25.64 |
| 180 | 21.20 | 36.650 | 25.71 |
| 190 | 20.93 | 36.644 | 25.78 |
| 200 | 20.68 | 36.641 | 25.85 |
| 250 | 19.49 | 36.605 | 26.14 |
| 300 | 18.68 | 36.549 | 26.30 |
| 350 | 18.20 | 36.511 | 26.40 |
| 400 | 17.63 | 36.447 | 26.49 |
| 450 | 17.07 | 36.361 | 26.56 |
| 500 | 16.37 | 36.240 | 26.63 |
| 550 | 15.33 | 36.063 | 26.73 |
| 600 | 14.12 | 35.873 | 26.85 |
| 650 | 12.83 | 35.674 | 26.97 |
| 700 | 11.69 | 35.517 | 27.07 |
| 750 | 10.76 | 35.393 | 27.14 |
| 800 | 9.77 | 35.277 | 27.23 |
| 850 | 8.94 | 35.198 | 27.30 |
| 900 | 7.92 | 35.117 | 27.40 |
| 950 | 7.30 | 35.101 | 27.48 |
| 1000 | 6.68 | 35.083 | 27.55 |
| 1020 | 6.32 | 35.079 | 27.59 |

RES-STACS25-86 CTD 31 RESEARCHER
Date 07 25 86 Latitude 24.310 N
Time 1523 Z Longitude 72.038 W



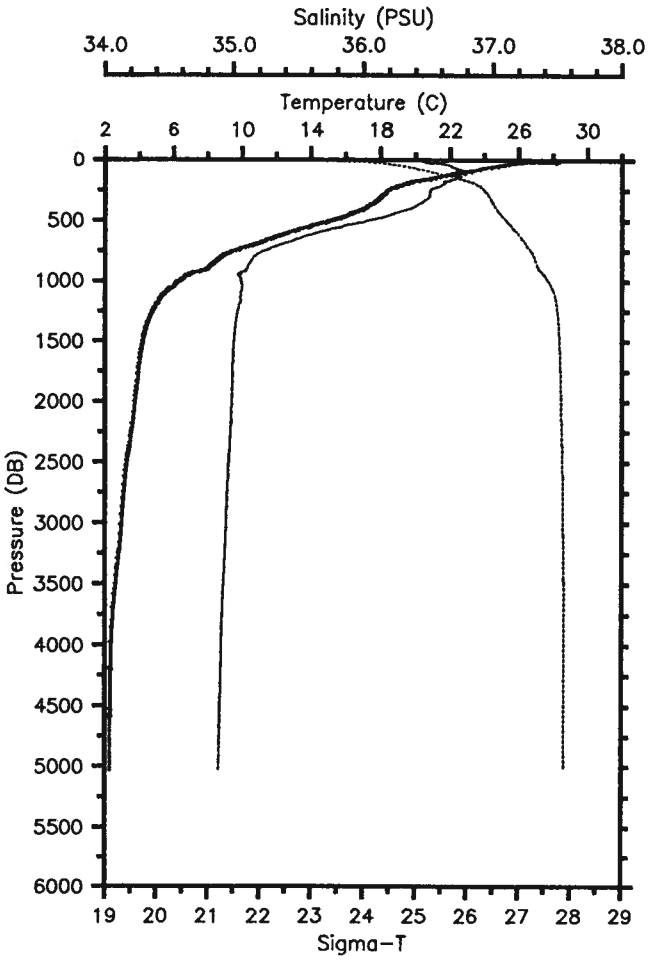

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.42 | 36.552 | 23.45 |
| 10 | 28.39 | 36.598 | 23.49 |
| 20 | 28.38 | 36.624 | 23.51 |
| 30 | 25.92 | 36.592 | 24.28 |
| 40 | 24.79 | 36.644 | 24.67 |
| 50 | 24.36 | 36.650 | 24.80 |
| 60 | 24.11 | 36.675 | 24.90 |
| 70 | 23.73 | 36.660 | 25.00 |
| 80 | 23.36 | 36.663 | 25.11 |
| 90 | 23.03 | 36.671 | 25.21 |
| 100 | 22.57 | 36.633 | 25.32 |
| 110 | 22.23 | 36.647 | 25.42 |
| 120 | 21.81 | 36.650 | 25.54 |
| 130 | 21.32 | 36.615 | 25.65 |
| 140 | 21.04 | 36.628 | 25.74 |
| 150 | 20.78 | 36.631 | 25.81 |
| 160 | 20.41 | 36.618 | 25.90 |
| 170 | 20.08 | 36.612 | 25.99 |
| 180 | 19.63 | 36.589 | 26.09 |
| 190 | 19.29 | 36.573 | 26.17 |
| 200 | 18.99 | 36.551 | 26.23 |
| 250 | 18.42 | 36.511 | 26.34 |
| 300 | 18.09 | 36.492 | 26.41 |
| 350 | 17.75 | 36.465 | 26.47 |
| 400 | 17.22 | 36.389 | 26.54 |
| 450 | 16.63 | 36.289 | 26.61 |
| 500 | 15.59 | 36.108 | 26.71 |
| 550 | 14.46 | 35.931 | 26.82 |
| 600 | 13.43 | 35.771 | 26.92 |
| 650 | 12.38 | 35.626 | 27.02 |
| 700 | 11.13 | 35.442 | 27.11 |
| 750 | 10.09 | 35.306 | 27.19 |
| 800 | 9.09 | 35.191 | 27.27 |
| 850 | 8.36 | 35.128 | 27.34 |
| 900 | 7.60 | 35.073 | 27.41 |
| 950 | 6.99 | 35.057 | 27.49 |
| 1000 | 6.52 | 35.059 | 27.55 |
| 1500 | 4.35 | 35.011 | 27.78 |
| 2000 | 3.74 | 34.983 | 27.82 |
| 2500 | 3.23 | 34.960 | 27.85 |
| 3000 | 2.84 | 34.938 | 27.87 |
| 3500 | 2.51 | 34.918 | 27.89 |
| 4000 | 2.35 | 34.906 | 27.89 |
| 4500 | 2.30 | 34.899 | 27.89 |
| 5000 | 2.26 | 34.885 | 27.88 |

RES-STACS25-86 CTD 32 RESEARCHER
Date 07 25 86 Latitude 24.070 N
Time 2013 Z Longitude 72.107 W



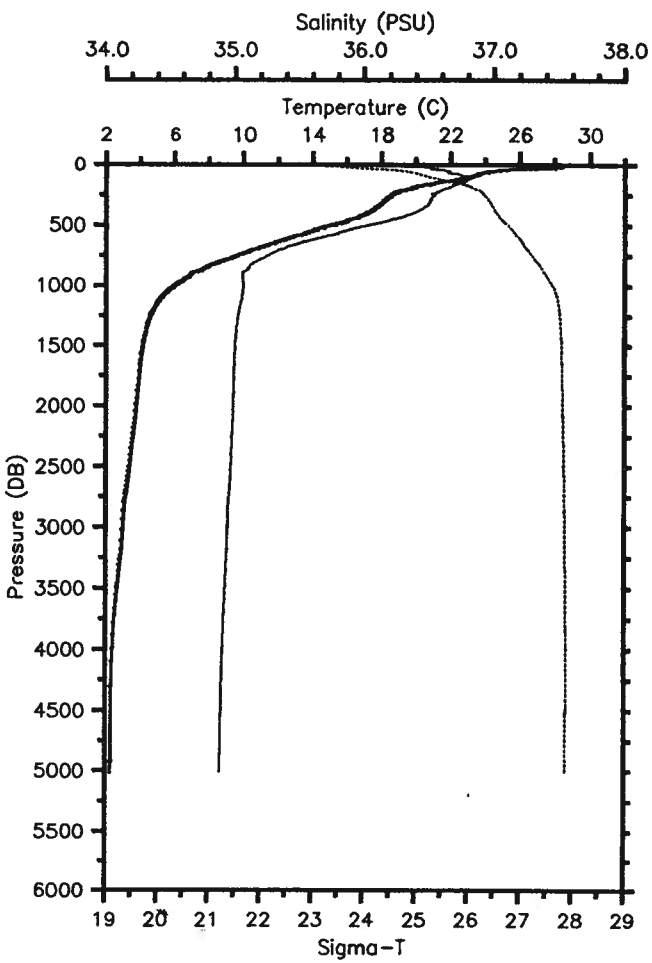

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.45 | 36.556 | 23.44 |
| 10 | 28.30 | 36.549 | 23.48 |
| 20 | 28.28 | 36.550 | 23.49 |
| 30 | 25.81 | 36.629 | 24.34 |
| 40 | 24.94 | 36.673 | 24.64 |
| 50 | 24.28 | 36.682 | 24.83 |
| 60 | 23.95 | 36.667 | 24.94 |
| 70 | 23.50 | 36.664 | 25.07 |
| 80 | 23.21 | 36.666 | 25.15 |
| 90 | 22.87 | 36.669 | 25.26 |
| 100 | 22.60 | 36.688 | 25.35 |
| 110 | 22.28 | 36.691 | 25.44 |
| 120 | 21.95 | 36.696 | 25.54 |
| 130 | 21.31 | 36.648 | 25.68 |
| 140 | 21.17 | 36.680 | 25.74 |
| 150 | 20.91 | 36.673 | 25.81 |
| 160 | 20.54 | 36.677 | 25.91 |
| 170 | 20.04 | 36.659 | 26.03 |
| 180 | 19.76 | 36.639 | 26.09 |
| 190 | 19.41 | 36.600 | 26.15 |
| 200 | 19.20 | 36.580 | 26.20 |
| 250 | 18.40 | 36.511 | 26.35 |
| 300 | 18.04 | 36.502 | 26.43 |
| 350 | 17.55 | 36.440 | 26.50 |
| 400 | 16.98 | 36.354 | 26.57 |
| 450 | 16.25 | 36.227 | 26.65 |
| 500 | 15.30 | 36.067 | 26.74 |
| 550 | 14.15 | 35.874 | 26.85 |
| 600 | 13.13 | 35.716 | 26.94 |
| 650 | 12.22 | 35.589 | 27.02 |
| 700 | 11.05 | 35.437 | 27.13 |
| 750 | 9.78 | 35.266 | 27.22 |
| 800 | 9.04 | 35.187 | 27.28 |
| 850 | 8.18 | 35.111 | 27.35 |
| 900 | 7.58 | 35.067 | 27.41 |
| 950 | 7.07 | 35.075 | 27.49 |
| 1000 | 6.53 | 35.081 | 27.57 |
| 1500 | 4.34 | 35.007 | 27.78 |
| 2000 | 3.81 | 34.988 | 27.82 |
| 2500 | 3.29 | 34.963 | 27.85 |
| 3000 | 2.86 | 34.938 | 27.87 |
| 3500 | 2.60 | 34.922 | 27.88 |
| 4000 | 2.39 | 34.907 | 27.89 |
| 4500 | 2.34 | 34.898 | 27.88 |
| 5000 | 2.33 | 34.891 | 27.88 |
| 5062 | 2.33 | 34.888 | 27.88 |

RES-STACS25-86 CTD 33 RESEARCHER
Date 07 26 86 Latitude 23.843 N
Time 0127 Z Longitude 72.185 W



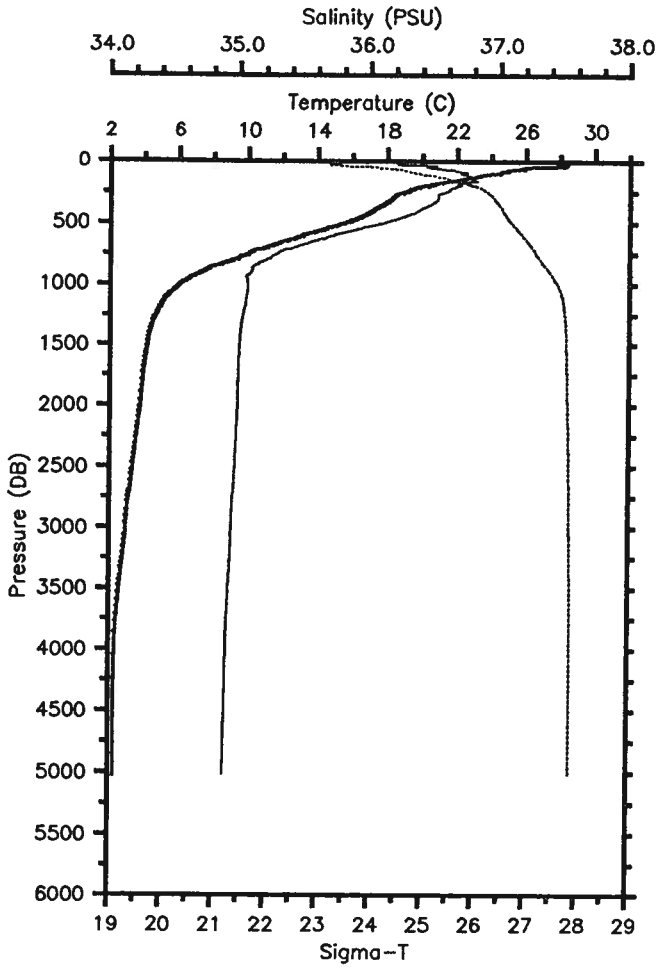

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.36 | 36.511 | 23.43 |
| 10 | 28.31 | 36.518 | 23.45 |
| 20 | 26.55 | 36.491 | 24.00 |
| 30 | 25.65 | 36.585 | 24.36 |
| 40 | 25.17 | 36.648 | 24.56 |
| 50 | 24.74 | 36.673 | 24.70 |
| 60 | 24.35 | 36.693 | 24.84 |
| 70 | 23.92 | 36.723 | 24.99 |
| 80 | 23.68 | 36.744 | 25.08 |
| 90 | 23.15 | 36.711 | 25.21 |
| 100 | 22.95 | 36.773 | 25.31 |
| 110 | 22.38 | 36.701 | 25.42 |
| 120 | 22.03 | 36.708 | 25.52 |
| 130 | 21.62 | 36.717 | 25.65 |
| 140 | 21.35 | 36.744 | 25.74 |
| 150 | 21.08 | 36.718 | 25.80 |
| 160 | 20.77 | 36.694 | 25.86 |
| 170 | 20.31 | 36.667 | 25.97 |
| 180 | 19.84 | 36.617 | 26.06 |
| 190 | 19.65 | 36.630 | 26.11 |
| 200 | 19.39 | 36.615 | 26.17 |
| 250 | 18.43 | 36.515 | 26.34 |
| 300 | 18.08 | 36.509 | 26.42 |
| 350 | 17.63 | 36.453 | 26.49 |
| 400 | 17.10 | 36.369 | 26.56 |
| 450 | 16.21 | 36.215 | 26.65 |
| 500 | 15.14 | 36.043 | 26.76 |
| 550 | 13.94 | 35.845 | 26.87 |
| 600 | 12.75 | 35.659 | 26.97 |
| 650 | 11.73 | 35.511 | 27.05 |
| 700 | 10.68 | 35.379 | 27.15 |
| 750 | 9.60 | 35.251 | 27.24 |
| 800 | 8.80 | 35.161 | 27.30 |
| 850 | 8.39 | 35.129 | 27.34 |
| 900 | 7.97 | 35.104 | 27.38 |
| 950 | 6.86 | 35.048 | 27.50 |
| 1000 | 6.37 | 35.060 | 27.57 |
| 1500 | 4.25 | 35.006 | 27.79 |
| 2000 | 3.77 | 34.987 | 27.82 |
| 2500 | 3.29 | 34.963 | 27.85 |
| 3000 | 2.98 | 34.945 | 27.86 |
| 3500 | 2.64 | 34.925 | 27.88 |
| 4000 | 2.40 | 34.908 | 27.89 |
| 4500 | 2.33 | 34.898 | 27.88 |
| 5000 | 2.31 | 34.889 | 27.88 |
| 5024 | 2.31 | 34.889 | 27.88 |

RES-STACS25-86 CTD 34 RESEARCHER
Date 07 26 86 Latitude 23.612 N
Time 0721 Z Longitude 72.288 W



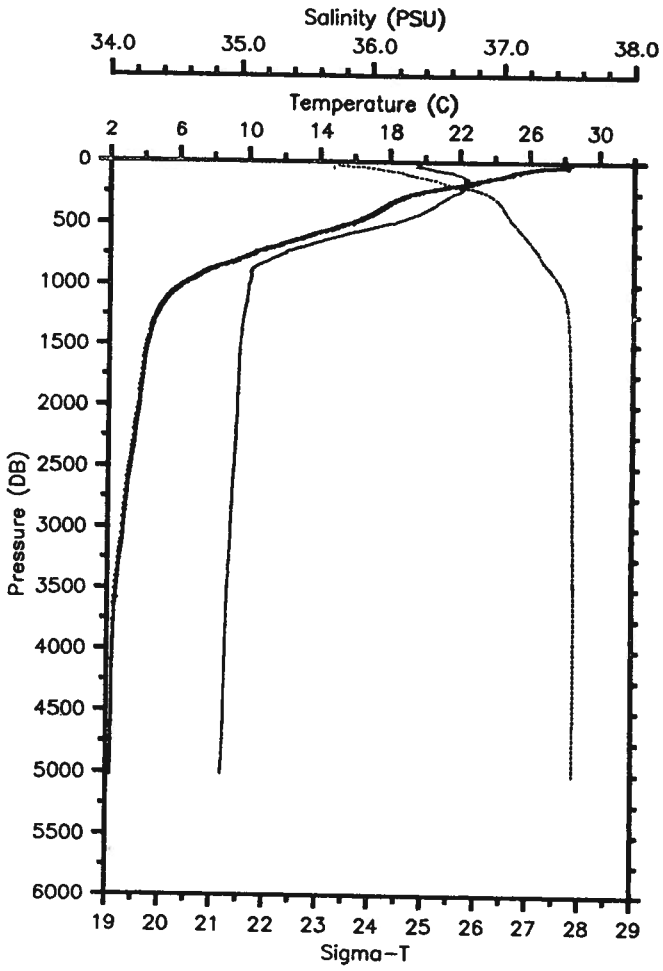

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.36 | 36.253 | 23.24 |
| 10 | 28.33 | 36.256 | 23.25 |
| 20 | 28.03 | 36.427 | 23.48 |
| 30 | 27.24 | 36.526 | 23.81 |
| 40 | 25.42 | 36.518 | 24.38 |
| 50 | 24.70 | 36.620 | 24.68 |
| 60 | 24.24 | 36.657 | 24.84 |
| 70 | 23.82 | 36.659 | 24.97 |
| 80 | 23.67 | 36.737 | 25.07 |
| 90 | 23.41 | 36.753 | 25.16 |
| 100 | 23.23 | 36.802 | 25.25 |
| 110 | 22.91 | 36.787 | 25.33 |
| 120 | 22.51 | 36.789 | 25.45 |
| 130 | 22.16 | 36.794 | 25.55 |
| 140 | 21.75 | 36.784 | 25.66 |
| 150 | 21.17 | 36.734 | 25.79 |
| 160 | 20.89 | 36.722 | 25.85 |
| 170 | 20.48 | 36.704 | 25.95 |
| 180 | 20.07 | 36.676 | 26.04 |
| 190 | 19.88 | 36.653 | 26.08 |
| 200 | 19.57 | 36.621 | 26.13 |
| 250 | 18.58 | 36.535 | 26.32 |
| 300 | 18.13 | 36.508 | 26.41 |
| 350 | 17.70 | 36.463 | 26.48 |
| 400 | 17.18 | 36.383 | 26.55 |
| 450 | 16.29 | 36.230 | 26.64 |
| 500 | 15.11 | 36.035 | 26.76 |
| 550 | 13.95 | 35.850 | 26.87 |
| 600 | 12.77 | 35.675 | 26.98 |
| 650 | 11.76 | 35.513 | 27.05 |
| 700 | 10.63 | 35.361 | 27.14 |
| 750 | 9.70 | 35.264 | 27.23 |
| 800 | 8.69 | 35.185 | 27.32 |
| 850 | 7.84 | 35.108 | 27.40 |
| 900 | 7.04 | 35.062 | 27.48 |
| 950 | 6.55 | 35.061 | 27.55 |
| 1000 | 5.99 | 35.063 | 27.62 |
| 1500 | 4.17 | 35.001 | 27.79 |
| 2000 | 3.79 | 34.987 | 27.82 |
| 2500 | 3.39 | 34.970 | 27.85 |
| 3000 | 3.02 | 34.947 | 27.86 |
| 3500 | 2.66 | 34.926 | 27.88 |
| 4000 | 2.41 | 34.909 | 27.89 |
| 4500 | 2.33 | 34.899 | 27.89 |
| 5000 | 2.31 | 34.889 | 27.88 |
| 5008 | 2.31 | 34.891 | 27.88 |

RES-STACS25-86 CTD 35 RESEARCHER
Date 07 26 86 Latitude 23.357 N
Time 1627 Z Longitude 72.413 W



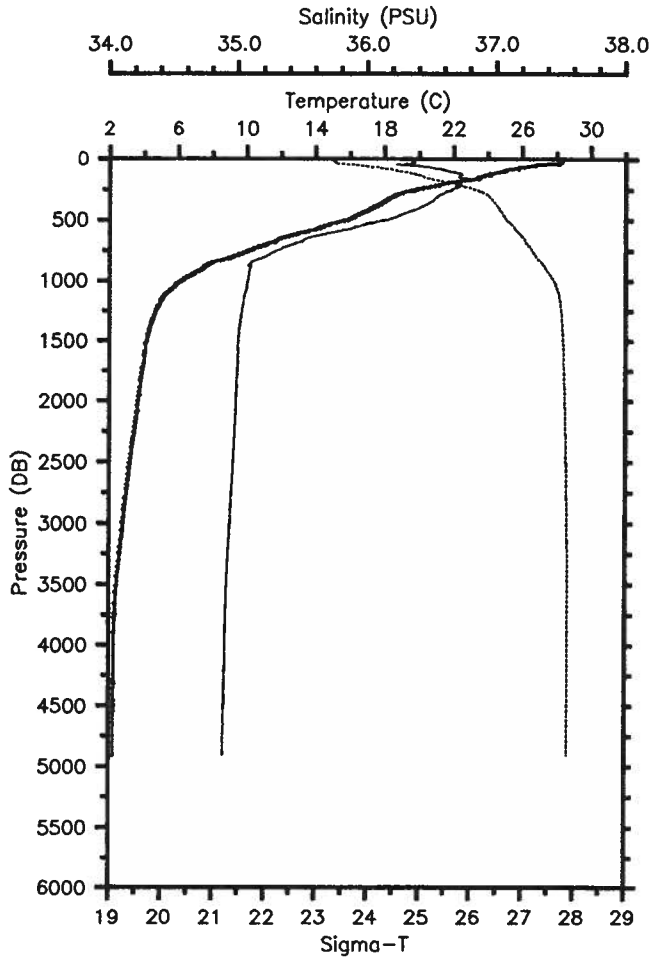

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.91 | 36.253 | 23.39 |
| 10 | 28.34 | 36.201 | 23.21 |
| 20 | 28.24 | 36.219 | 23.25 |
| 30 | 28.32 | 36.207 | 23.22 |
| 40 | 27.83 | 36.482 | 23.59 |
| 50 | 25.97 | 36.445 | 24.15 |
| 60 | 25.80 | 36.491 | 24.24 |
| 70 | 25.05 | 36.628 | 24.58 |
| 80 | 24.83 | 36.671 | 24.67 |
| 90 | 24.56 | 36.733 | 24.80 |
| 100 | 24.25 | 36.709 | 24.88 |
| 110 | 23.67 | 36.724 | 25.06 |
| 120 | 23.33 | 36.768 | 25.20 |
| 130 | 23.04 | 36.787 | 25.30 |
| 140 | 22.57 | 36.785 | 25.43 |
| 150 | 22.20 | 36.800 | 25.55 |
| 160 | 21.82 | 36.779 | 25.64 |
| 170 | 21.25 | 36.749 | 25.77 |
| 180 | 20.82 | 36.674 | 25.83 |
| 190 | 20.57 | 36.678 | 25.91 |
| 200 | 20.30 | 36.685 | 25.99 |
| 250 | 18.99 | 36.576 | 26.25 |
| 300 | 18.28 | 36.517 | 26.38 |
| 350 | 17.75 | 36.468 | 26.48 |
| 400 | 17.13 | 36.374 | 26.56 |
| 450 | 16.45 | 36.260 | 26.63 |
| 500 | 15.55 | 36.110 | 26.72 |
| 550 | 14.36 | 35.911 | 26.83 |
| 600 | 13.16 | 35.725 | 26.94 |
| 650 | 12.13 | 35.568 | 27.02 |
| 700 | 11.08 | 35.429 | 27.11 |
| 750 | 10.03 | 35.295 | 27.20 |
| 800 | 9.14 | 35.206 | 27.28 |
| 850 | 8.10 | 35.116 | 27.37 |
| 900 | 7.32 | 35.089 | 27.46 |
| 950 | 6.60 | 35.053 | 27.54 |
| 1000 | 6.05 | 35.062 | 27.62 |
| 1500 | 4.18 | 35.001 | 27.79 |
| 2000 | 3.78 | 34.987 | 27.82 |
| 2500 | 3.36 | 34.968 | 27.85 |
| 3000 | 2.96 | 34.944 | 27.87 |
| 3500 | 2.60 | 34.923 | 27.88 |
| 4000 | 2.37 | 34.906 | 27.89 |
| 4500 | 2.31 | 34.898 | 27.89 |
| 5000 | 2.30 | 34.888 | 27.88 |
| 5016 | 2.30 | 34.888 | 27.88 |

RES-STACS25-86 CTD 36 RESEARCHER
Date 07 26 86 Latitude 23.135 N
Time 2117 Z Longitude 72.470 W



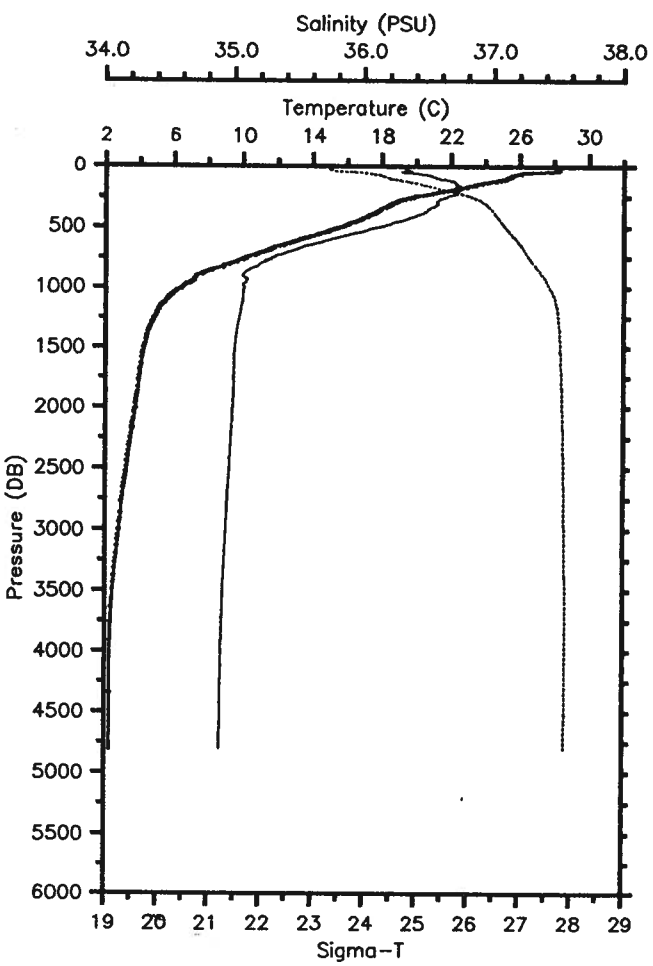

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.43 | 36.325 | 23.27 |
| 10 | 28.34 | 36.325 | 23.30 |
| 20 | 28.23 | 36.352 | 23.36 |
| 30 | 28.22 | 36.355 | 23.36 |
| 40 | 27.88 | 36.344 | 23.47 |
| 50 | 26.53 | 36.409 | 23.95 |
| 60 | 26.10 | 36.440 | 24.11 |
| 70 | 25.78 | 36.500 | 24.25 |
| 80 | 25.38 | 36.539 | 24.41 |
| 90 | 25.04 | 36.620 | 24.57 |
| 100 | 24.85 | 36.642 | 24.65 |
| 110 | 24.63 | 36.673 | 24.74 |
| 120 | 24.37 | 36.689 | 24.83 |
| 130 | 23.92 | 36.721 | 24.99 |
| 140 | 23.63 | 36.732 | 25.08 |
| 150 | 23.20 | 36.697 | 25.18 |
| 160 | 23.00 | 36.764 | 25.29 |
| 170 | 22.66 | 36.736 | 25.37 |
| 180 | 22.39 | 36.742 | 25.45 |
| 190 | 21.86 | 36.717 | 25.58 |
| 200 | 21.35 | 36.660 | 25.68 |
| 250 | 19.69 | 36.655 | 26.12 |
| 300 | 18.60 | 36.557 | 26.33 |
| 350 | 17.86 | 36.480 | 26.46 |
| 400 | 17.28 | 36.400 | 26.54 |
| 450 | 16.66 | 36.293 | 26.61 |
| 500 | 15.92 | 36.172 | 26.68 |
| 550 | 14.72 | 35.972 | 26.80 |
| 600 | 13.53 | 35.781 | 26.91 |
| 650 | 12.44 | 35.622 | 27.00 |
| 700 | 11.37 | 35.469 | 27.09 |
| 750 | 10.34 | 35.344 | 27.18 |
| 800 | 9.45 | 35.235 | 27.25 |
| 850 | 8.37 | 35.133 | 27.34 |
| 900 | 7.47 | 35.078 | 27.43 |
| 950 | 6.90 | 35.083 | 27.52 |
| 1000 | 6.22 | 35.068 | 27.60 |
| 1500 | 4.20 | 35.004 | 27.79 |
| 2000 | 3.76 | 34.988 | 27.82 |
| 2500 | 3.27 | 34.964 | 27.85 |
| 3000 | 2.88 | 34.940 | 27.87 |
| 3500 | 2.50 | 34.917 | 27.88 |
| 4000 | 2.33 | 34.904 | 27.89 |
| 4500 | 2.28 | 34.894 | 27.89 |
| 5000 | 2.21 | 34.878 | 27.88 |
| 5008 | 2.21 | 34.877 | 27.88 |

RES-STACS25-86 CTD 37 RESEARCHER
Date 07 27 86 Latitude 22.992 N
Time 0156 Z Longitude 72.560 W



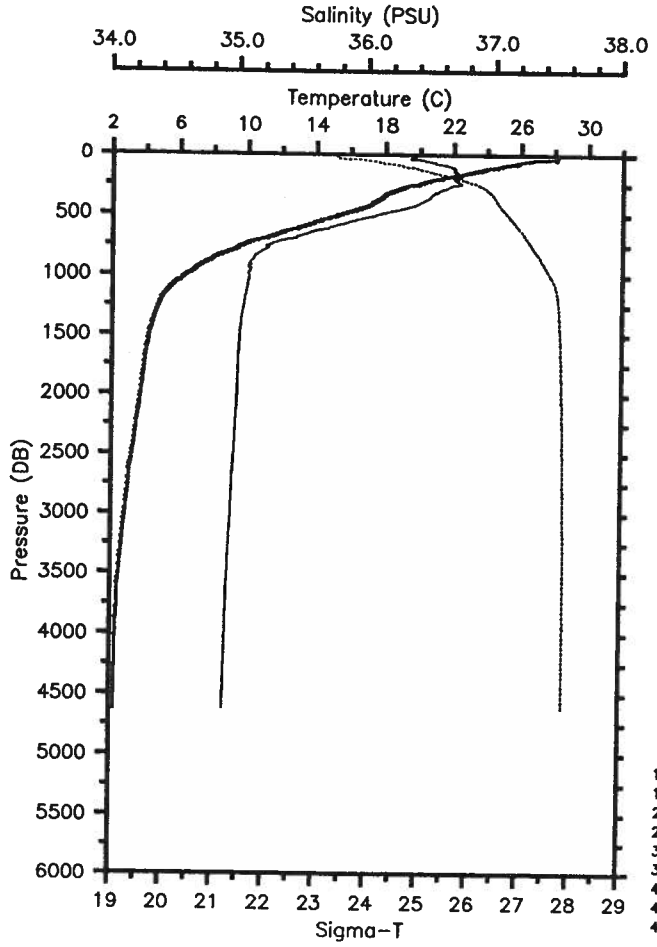

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.40 | 36.331 | 23.29 |
| 10 | 28.31 | 36.330 | 23.31 |
| 20 | 28.24 | 36.337 | 23.34 |
| 30 | 28.16 | 36.366 | 23.39 |
| 40 | 28.11 | 36.368 | 23.41 |
| 50 | 26.83 | 36.244 | 23.73 |
| 60 | 26.59 | 36.389 | 23.92 |
| 70 | 26.06 | 36.461 | 24.14 |
| 80 | 25.73 | 36.524 | 24.29 |
| 90 | 25.19 | 36.575 | 24.49 |
| 100 | 24.99 | 36.613 | 24.58 |
| 110 | 24.70 | 36.657 | 24.70 |
| 120 | 24.30 | 36.708 | 24.87 |
| 130 | 24.09 | 36.732 | 24.94 |
| 140 | 23.78 | 36.713 | 25.02 |
| 150 | 23.51 | 36.705 | 25.09 |
| 160 | 23.43 | 36.762 | 25.16 |
| 170 | 23.16 | 36.780 | 25.26 |
| 180 | 22.54 | 36.744 | 25.41 |
| 190 | 22.05 | 36.716 | 25.53 |
| 200 | 21.68 | 36.723 | 25.64 |
| 250 | 19.90 | 36.656 | 26.07 |
| 300 | 18.58 | 36.552 | 26.33 |
| 350 | 17.99 | 36.499 | 26.44 |
| 400 | 17.33 | 36.410 | 26.53 |
| 450 | 16.59 | 36.282 | 26.61 |
| 500 | 15.88 | 36.165 | 26.69 |
| 550 | 14.56 | 35.946 | 26.81 |
| 600 | 13.45 | 35.764 | 26.91 |
| 650 | 12.05 | 35.546 | 27.02 |
| 700 | 11.20 | 35.440 | 27.10 |
| 750 | 10.19 | 35.312 | 27.18 |
| 800 | 9.32 | 35.219 | 27.26 |
| 850 | 8.05 | 35.104 | 27.37 |
| 900 | 7.48 | 35.095 | 27.45 |
| 950 | 6.86 | 35.082 | 27.52 |
| 1000 | 6.24 | 35.077 | 27.60 |
| 1500 | 4.20 | 35.003 | 27.79 |
| 2000 | 3.70 | 34.985 | 27.83 |
| 2500 | 3.25 | 34.962 | 27.85 |
| 3000 | 2.83 | 34.939 | 27.87 |
| 3500 | 2.48 | 34.915 | 27.89 |
| 4000 | 2.31 | 34.902 | 27.89 |
| 4500 | 2.29 | 34.895 | 27.89 |
| 4906 | 2.28 | 34.886 | 27.88 |

RES-STACS25-86 CTD 38 RESEARCHER
Date 07 27 86 Latitude 22.840 N
Time 0849 Z Longitude 72.620 W



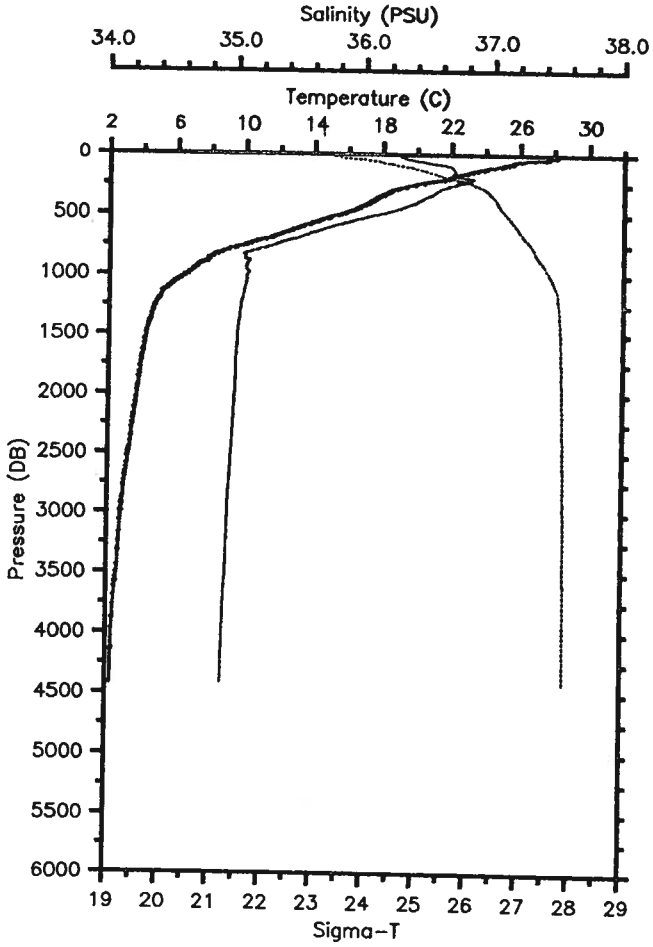

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.28 | 36.314 | 23.32 |
| 10 | 28.26 | 36.314 | 23.32 |
| 20 | 28.26 | 36.315 | 23.32 |
| 30 | 28.25 | 36.322 | 23.33 |
| 40 | 28.03 | 36.358 | 23.43 |
| 50 | 26.90 | 36.301 | 23.75 |
| 60 | 26.07 | 36.388 | 24.08 |
| 70 | 25.78 | 36.460 | 24.22 |
| 80 | 25.51 | 36.518 | 24.35 |
| 90 | 25.38 | 36.540 | 24.41 |
| 100 | 25.21 | 36.570 | 24.48 |
| 110 | 24.95 | 36.626 | 24.61 |
| 120 | 24.61 | 36.686 | 24.74 |
| 130 | 24.16 | 36.699 | 24.90 |
| 140 | 23.76 | 36.708 | 25.02 |
| 150 | 23.45 | 36.719 | 25.12 |
| 160 | 23.11 | 36.715 | 25.22 |
| 170 | 22.85 | 36.705 | 25.29 |
| 180 | 22.39 | 36.704 | 25.42 |
| 190 | 22.16 | 36.753 | 25.52 |
| 200 | 21.70 | 36.726 | 25.63 |
| 250 | 19.89 | 36.638 | 26.06 |
| 300 | 18.66 | 36.556 | 26.31 |
| 350 | 17.97 | 36.496 | 26.44 |
| 400 | 17.37 | 36.419 | 26.53 |
| 450 | 16.55 | 36.277 | 26.62 |
| 500 | 15.56 | 36.114 | 26.72 |
| 550 | 14.50 | 35.930 | 26.82 |
| 600 | 13.31 | 35.745 | 26.92 |
| 650 | 12.21 | 35.579 | 27.02 |
| 700 | 11.26 | 35.439 | 27.09 |
| 750 | 10.19 | 35.300 | 27.17 |
| 800 | 9.22 | 35.200 | 27.26 |
| 850 | 8.19 | 35.117 | 27.36 |
| 900 | 7.30 | 35.060 | 27.44 |
| 950 | 7.00 | 35.089 | 27.51 |
| 1000 | 6.46 | 35.072 | 27.57 |
| 1500 | 4.23 | 35.001 | 27.78 |
| 2000 | 3.73 | 34.984 | 27.82 |
| 2500 | 3.24 | 34.962 | 27.85 |
| 3000 | 2.81 | 34.937 | 27.87 |
| 3500 | 2.44 | 34.913 | 27.89 |
| 4000 | 2.30 | 34.900 | 27.89 |
| 4500 | 2.28 | 34.894 | 27.89 |
| 4802 | 2.28 | 34.889 | 27.88 |

RES-STACS25-86 CTD 39 RESEARCHER
Date 07 27 86 Latitude 22.690 N
Time 1433 Z Longitude 72.610 W



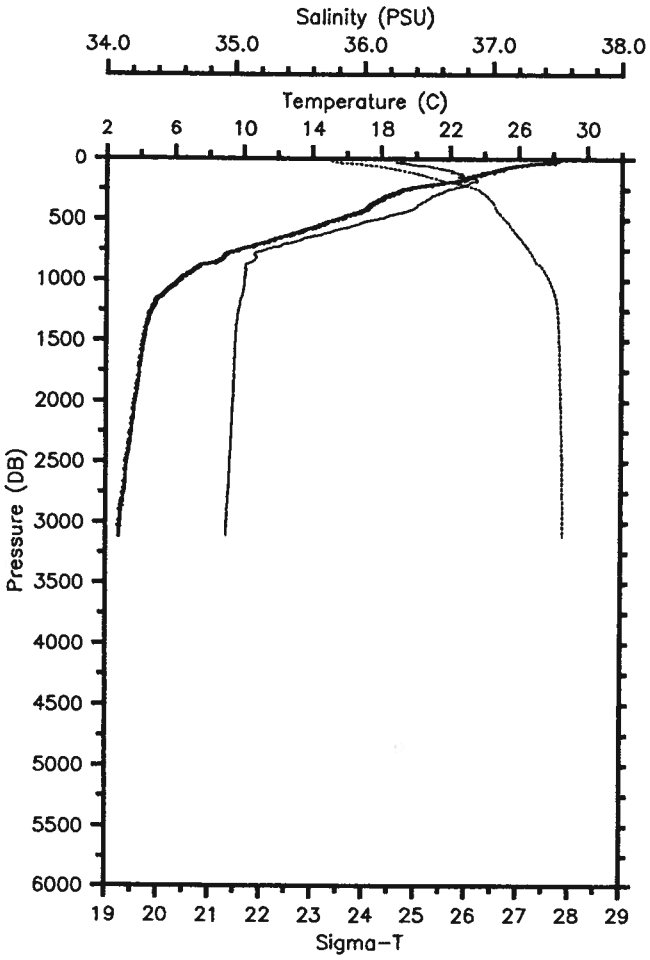

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.10 | 36.336 | 23.39 |
| 10 | 28.09 | 36.332 | 23.39 |
| 20 | 28.09 | 36.333 | 23.39 |
| 30 | 28.10 | 36.362 | 23.41 |
| 40 | 27.83 | 36.326 | 23.47 |
| 50 | 26.58 | 36.429 | 23.95 |
| 60 | 26.14 | 36.465 | 24.11 |
| 70 | 25.81 | 36.506 | 24.25 |
| 80 | 25.55 | 36.526 | 24.35 |
| 90 | 25.06 | 36.588 | 24.54 |
| 100 | 24.74 | 36.637 | 24.68 |
| 110 | 24.41 | 36.658 | 24.79 |
| 120 | 23.94 | 36.683 | 24.95 |
| 130 | 23.66 | 36.675 | 25.03 |
| 140 | 23.28 | 36.670 | 25.14 |
| 150 | 23.00 | 36.695 | 25.24 |
| 160 | 22.70 | 36.694 | 25.32 |
| 170 | 22.37 | 36.706 | 25.43 |
| 180 | 22.02 | 36.720 | 25.54 |
| 190 | 21.62 | 36.716 | 25.65 |
| 200 | 21.32 | 36.702 | 25.72 |
| 250 | 19.94 | 36.723 | 26.11 |
| 300 | 18.59 | 36.568 | 26.34 |
| 350 | 17.88 | 36.487 | 26.46 |
| 400 | 17.31 | 36.409 | 26.54 |
| 450 | 16.60 | 36.290 | 26.62 |
| 500 | 15.41 | 36.089 | 26.74 |
| 550 | 14.28 | 35.901 | 26.84 |
| 600 | 13.25 | 35.738 | 26.93 |
| 650 | 12.02 | 35.550 | 27.03 |
| 700 | 11.10 | 35.436 | 27.12 |
| 750 | 9.78 | 35.249 | 27.20 |
| 800 | 9.05 | 35.186 | 27.28 |
| 850 | 8.10 | 35.116 | 27.37 |
| 900 | 7.48 | 35.082 | 27.43 |
| 950 | 6.99 | 35.089 | 27.51 |
| 1000 | 6.38 | 35.073 | 27.58 |
| 1500 | 4.20 | 35.004 | 27.79 |
| 2000 | 3.72 | 34.987 | 27.83 |
| 2500 | 3.23 | 34.962 | 27.85 |
| 3000 | 2.84 | 34.939 | 27.87 |
| 3500 | 2.51 | 34.919 | 27.89 |
| 4000 | 2.33 | 34.904 | 27.89 |
| 4500 | 2.28 | 34.895 | 27.89 |
| 4620 | 2.28 | 34.894 | 27.89 |

RES-STACS25-86 CTD 40 RESEARCHER
Date 07 27 86 Latitude 22.590 N
Time 1921 Z Longitude 72.710 W



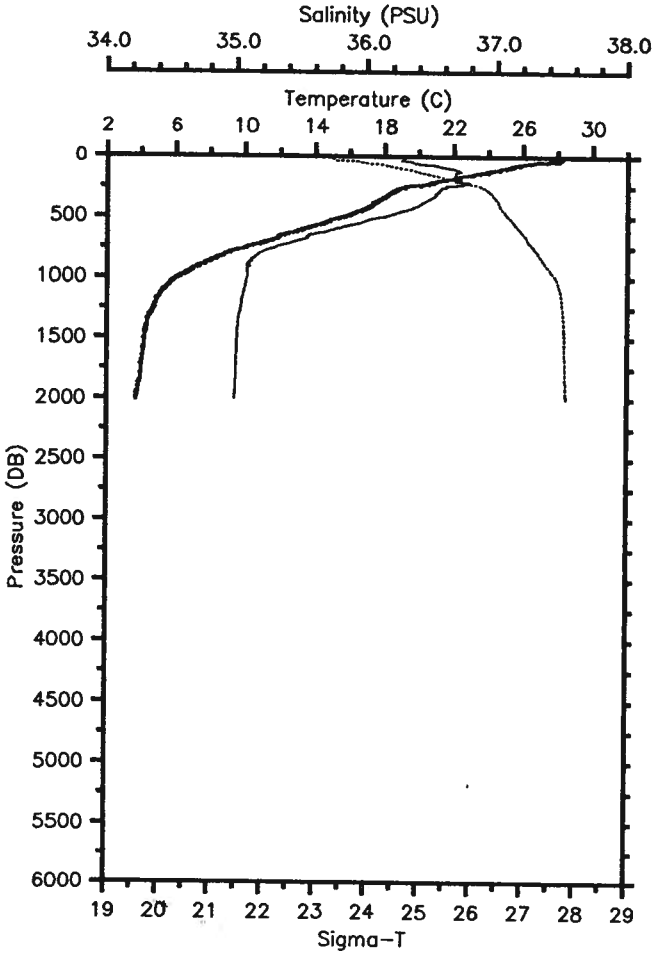

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.20 | 36.309 | 23.33 |
| 10 | 28.14 | 36.304 | 23.35 |
| 20 | 28.08 | 36.308 | 23.37 |
| 30 | 27.68 | 36.310 | 23.51 |
| 40 | 26.99 | 36.314 | 23.73 |
| 50 | 26.27 | 36.366 | 24.00 |
| 60 | 25.70 | 36.428 | 24.22 |
| 70 | 25.57 | 36.479 | 24.30 |
| 80 | 25.24 | 36.552 | 24.46 |
| 90 | 24.98 | 36.624 | 24.59 |
| 100 | 24.66 | 36.660 | 24.72 |
| 110 | 24.11 | 36.666 | 24.89 |
| 120 | 23.90 | 36.683 | 24.96 |
| 130 | 23.53 | 36.692 | 25.08 |
| 140 | 23.21 | 36.691 | 25.17 |
| 150 | 22.98 | 36.691 | 25.24 |
| 160 | 22.61 | 36.679 | 25.34 |
| 170 | 22.41 | 36.680 | 25.40 |
| 180 | 22.13 | 36.695 | 25.49 |
| 190 | 21.89 | 36.735 | 25.59 |
| 200 | 21.84 | 36.834 | 25.67 |
| 250 | 19.88 | 36.690 | 26.10 |
| 300 | 18.57 | 36.567 | 26.35 |
| 350 | 17.79 | 36.485 | 26.48 |
| 400 | 17.21 | 36.395 | 26.55 |
| 450 | 16.52 | 36.278 | 26.63 |
| 500 | 15.50 | 36.103 | 26.73 |
| 550 | 14.37 | 35.918 | 26.84 |
| 600 | 13.28 | 35.738 | 26.93 |
| 650 | 12.30 | 35.595 | 27.01 |
| 700 | 11.24 | 35.455 | 27.10 |
| 750 | 10.05 | 35.308 | 27.20 |
| 800 | 8.93 | 35.165 | 27.28 |
| 850 | 7.97 | 35.057 | 27.34 |
| 900 | 7.47 | 35.082 | 27.44 |
| 950 | 6.97 | 35.069 | 27.50 |
| 1000 | 6.46 | 35.075 | 27.57 |
| 1500 | 4.20 | 35.003 | 27.79 |
| 2000 | 3.66 | 34.985 | 27.83 |
| 2500 | 3.21 | 34.961 | 27.86 |
| 3000 | 2.81 | 34.938 | 27.87 |
| 3500 | 2.60 | 34.924 | 27.88 |
| 4000 | 2.32 | 34.903 | 27.89 |
| 4408 | 2.27 | 34.896 | 27.89 |

RES–STACS25–86 CTD 41 RESEARCHER
Date 07 27 86 Latitude 22.495 N
Time 2347 Z Longitude 72.745 W



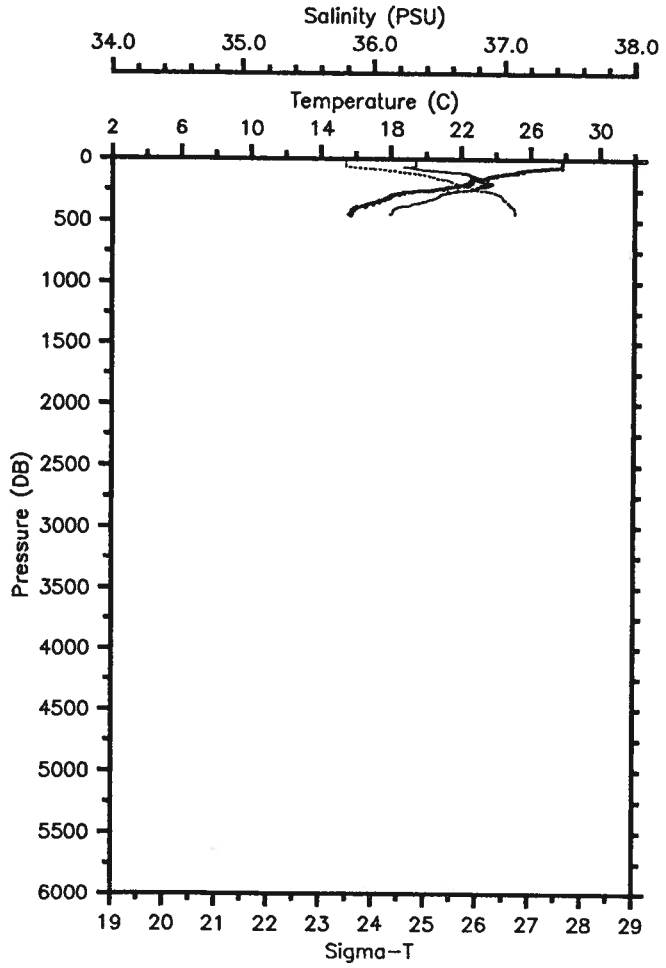

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.31 | 36.301 | 23.29 |
| 10 | 28.30 | 36.299 | 23.29 |
| 20 | 28.11 | 36.299 | 23.36 |
| 30 | 27.99 | 36.281 | 23.38 |
| 40 | 27.11 | 36.329 | 23.70 |
| 50 | 26.38 | 36.366 | 23.97 |
| 60 | 25.85 | 36.475 | 24.21 |
| 70 | 25.49 | 36.530 | 24.37 |
| 80 | 25.17 | 36.582 | 24.50 |
| 90 | 24.93 | 36.621 | 24.61 |
| 100 | 24.59 | 36.682 | 24.76 |
| 110 | 24.31 | 36.704 | 24.86 |
| 120 | 23.98 | 36.753 | 24.99 |
| 130 | 23.78 | 36.768 | 25.06 |
| 140 | 23.40 | 36.768 | 25.18 |
| 150 | 23.08 | 36.733 | 25.24 |
| 160 | 22.89 | 36.770 | 25.33 |
| 170 | 22.90 | 36.869 | 25.40 |
| 180 | 22.52 | 36.877 | 25.51 |
| 190 | 22.17 | 36.828 | 25.57 |
| 200 | 21.84 | 36.809 | 25.71 |
| 250 | 19.53 | 36.675 | 26.18 |
| 300 | 18.47 | 36.550 | 26.36 |
| 350 | 17.78 | 36.469 | 26.47 |
| 400 | 17.27 | 36.402 | 26.54 |
| 450 | 16.57 | 36.280 | 26.62 |
| 500 | 15.50 | 36.097 | 26.72 |
| 550 | 14.46 | 35.933 | 26.83 |
| 600 | 13.40 | 35.762 | 26.92 |
| 650 | 12.19 | 35.573 | 27.01 |
| 700 | 11.11 | 35.412 | 27.09 |
| 750 | 9.76 | 35.241 | 27.20 |
| 800 | 8.93 | 35.158 | 27.27 |
| 850 | 8.42 | 35.135 | 27.33 |
| 900 | 7.28 | 35.075 | 27.46 |
| 950 | 6.76 | 35.070 | 27.53 |
| 1000 | 6.28 | 35.073 | 27.59 |
| 1500 | 4.21 | 35.003 | 27.79 |
| 2000 | 3.70 | 34.985 | 27.83 |
| 2500 | 3.19 | 34.960 | 27.86 |
| 3000 | 2.82 | 34.937 | 27.87 |
| 3110 | 2.77 | 34.935 | 27.88 |

RES–STACS25–86 CTD 42 RESEARCHER
Date 07 28 86 Latitude 22.447 N
Time 0209 Z Longitude 72.773 W



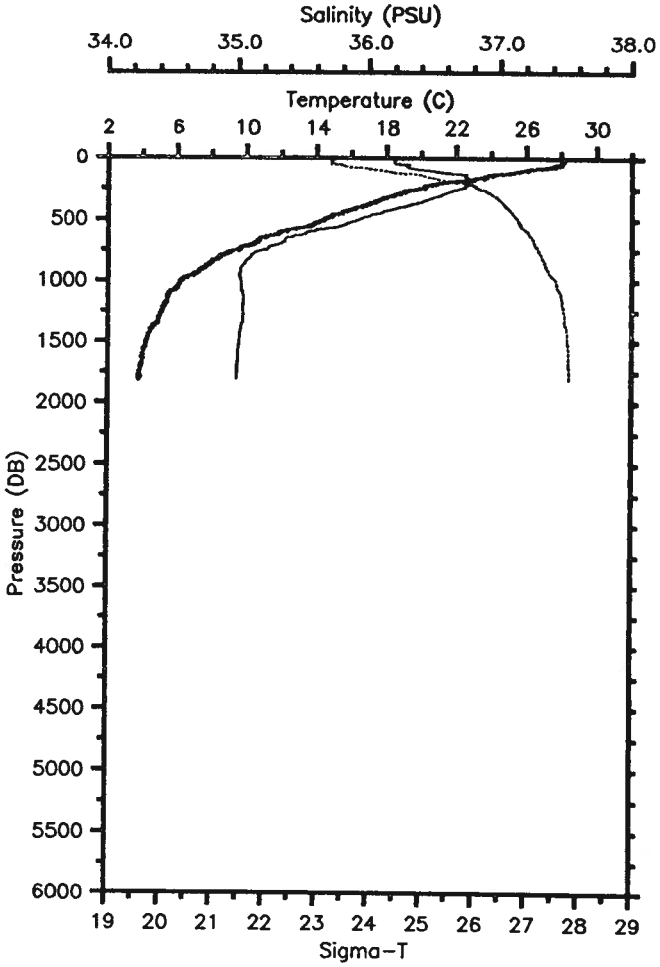

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.24 | 36.289 | 23.31 |
| 10 | 28.25 | 36.288 | 23.30 |
| 20 | 28.16 | 36.282 | 23.33 |
| 30 | 28.08 | 36.284 | 23.36 |
| 40 | 27.56 | 36.295 | 23.53 |
| 50 | 26.63 | 36.351 | 23.88 |
| 60 | 26.09 | 36.393 | 24.08 |
| 70 | 25.65 | 36.498 | 24.29 |
| 80 | 25.38 | 36.549 | 24.41 |
| 90 | 25.16 | 36.582 | 24.51 |
| 100 | 24.75 | 36.655 | 24.69 |
| 110 | 24.48 | 36.698 | 24.80 |
| 120 | 24.04 | 36.689 | 24.93 |
| 130 | 23.79 | 36.698 | 25.01 |
| 140 | 23.34 | 36.681 | 25.13 |
| 150 | 23.10 | 36.684 | 25.20 |
| 160 | 22.57 | 36.674 | 25.34 |
| 170 | 22.22 | 36.681 | 25.45 |
| 180 | 22.02 | 36.693 | 25.52 |
| 190 | 21.60 | 36.697 | 25.64 |
| 200 | 21.15 | 36.682 | 25.75 |
| 250 | 19.22 | 36.610 | 26.21 |
| 300 | 18.39 | 36.544 | 26.37 |
| 350 | 17.83 | 36.487 | 26.47 |
| 400 | 17.31 | 36.409 | 26.54 |
| 450 | 16.63 | 36.291 | 26.61 |
| 500 | 15.70 | 36.138 | 26.71 |
| 550 | 14.60 | 35.959 | 26.82 |
| 600 | 13.42 | 35.782 | 26.91 |
| 650 | 12.11 | 35.567 | 27.03 |
| 700 | 11.33 | 35.464 | 27.09 |
| 750 | 10.10 | 35.308 | 27.19 |
| 800 | 9.01 | 35.182 | 27.28 |
| 850 | 8.15 | 35.111 | 27.36 |
| 900 | 7.45 | 35.073 | 27.43 |
| 950 | 6.81 | 35.082 | 27.53 |
| 1000 | 6.15 | 35.078 | 27.62 |
| 1500 | 4.21 | 35.005 | 27.79 |
| 2000 | 3.72 | 34.986 | 27.83 |
| 2002 | 3.72 | 34.987 | 27.83 |

RES-STACS25-86 CTD 43 RESEARCHER
Date 07 28 86 Latitude 20.800 N
Time 1141 Z Longitude 73.132 W




| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.80 | 36.319 | 23.47 |
| 10 | 27.81 | 36.319 | 23.47 |
| 20 | 27.81 | 36.318 | 23.47 |
| 30 | 27.81 | 36.319 | 23.47 |
| 40 | 27.81 | 36.318 | 23.47 |
| 50 | 27.81 | 36.319 | 23.47 |
| 60 | 27.82 | 36.319 | 23.47 |
| 70 | 27.31 | 36.221 | 23.56 |
| 80 | 26.58 | 36.317 | 23.86 |
| 90 | 25.72 | 36.372 | 24.18 |
| 100 | 25.23 | 36.518 | 24.44 |
| 110 | 25.11 | 36.599 | 24.54 |
| 120 | 24.52 | 36.717 | 24.80 |
| 130 | 24.06 | 36.747 | 24.97 |
| 140 | 23.80 | 36.777 | 25.06 |
| 150 | 23.52 | 36.797 | 25.16 |
| 160 | 23.39 | 36.810 | 25.21 |
| 170 | 22.77 | 36.815 | 25.39 |
| 180 | 22.51 | 36.806 | 25.46 |
| 190 | 22.47 | 36.835 | 25.50 |
| 200 | 22.36 | 36.904 | 25.58 |
| 250 | 20.50 | 36.749 | 25.98 |
| 300 | 18.01 | 36.506 | 26.44 |
| 350 | 17.18 | 36.383 | 26.55 |
| 400 | 15.90 | 36.166 | 26.68 |
| 450 | 15.61 | 36.115 | 26.71 |
| 452 | 15.65 | 36.127 | 26.71 |

RES-STACS25-86 CTD 44 RESEARCHER
Date 07 28 86 Latitude 20.662 N
Time 1758 Z Longitude 73.067 W

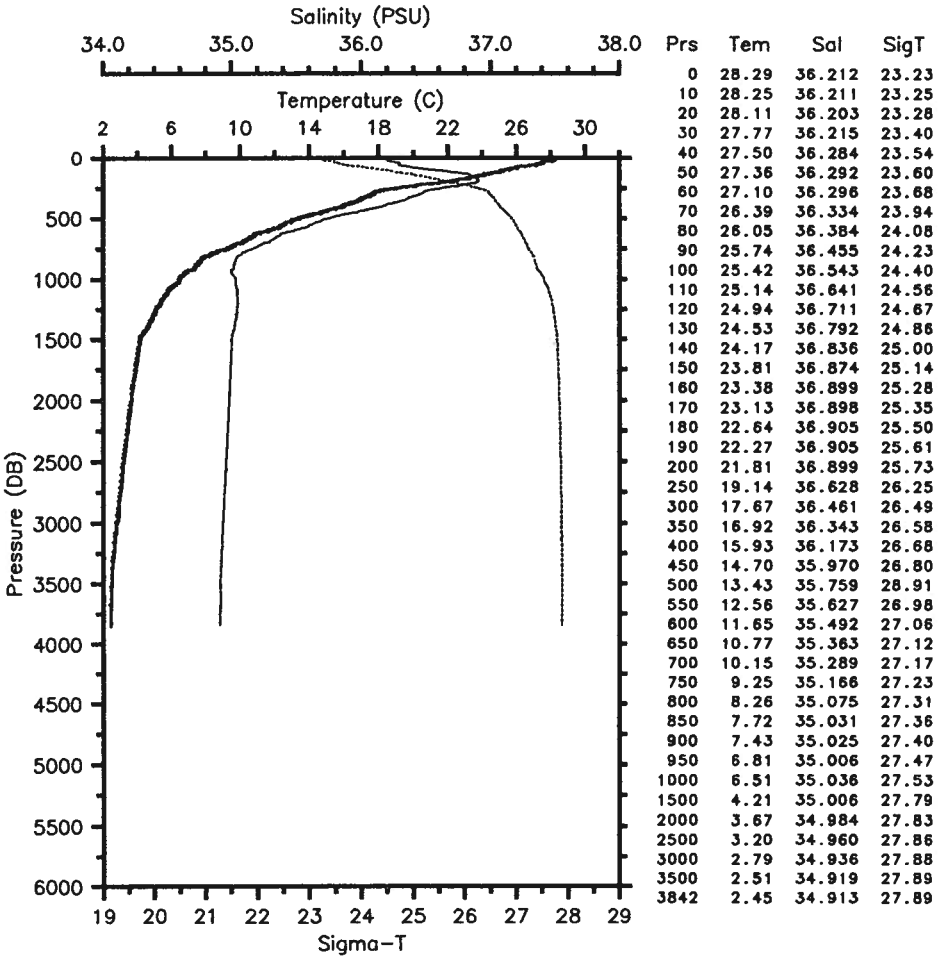



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.16 | 36.200 | 23.26 |
| 10 | 28.15 | 36.200 | 23.27 |
| 20 | 28.14 | 36.200 | 23.27 |
| 30 | 28.04 | 36.194 | 23.30 |
| 40 | 28.03 | 36.195 | 23.30 |
| 50 | 28.00 | 36.231 | 23.34 |
| 60 | 27.70 | 36.305 | 23.49 |
| 70 | 27.43 | 36.299 | 23.58 |
| 80 | 26.72 | 36.301 | 23.81 |
| 90 | 26.19 | 36.352 | 24.01 |
| 100 | 25.82 | 36.443 | 24.20 |
| 110 | 25.44 | 36.512 | 24.37 |
| 120 | 25.12 | 36.589 | 24.52 |
| 130 | 24.33 | 36.725 | 24.87 |
| 140 | 23.88 | 36.741 | 25.01 |
| 150 | 23.67 | 36.732 | 25.07 |
| 160 | 23.36 | 36.764 | 25.19 |
| 170 | 23.01 | 36.767 | 25.29 |
| 180 | 22.52 | 36.778 | 25.44 |
| 190 | 21.87 | 36.780 | 25.63 |
| 200 | 21.14 | 36.742 | 25.80 |
| 250 | 19.87 | 36.695 | 26.11 |
| 300 | 18.44 | 36.551 | 26.37 |
| 350 | 17.38 | 36.411 | 26.52 |
| 400 | 16.39 | 36.246 | 26.63 |
| 450 | 15.38 | 36.078 | 26.74 |
| 500 | 14.45 | 35.927 | 26.82 |
| 550 | 13.66 | 35.799 | 26.89 |
| 600 | 12.09 | 35.544 | 27.01 |
| 650 | 10.88 | 35.374 | 27.11 |
| 700 | 10.42 | 35.327 | 27.15 |
| 750 | 9.50 | 35.215 | 27.22 |
| 800 | 8.47 | 35.098 | 27.30 |
| 850 | 7.90 | 35.049 | 27.35 |
| 900 | 7.43 | 35.015 | 27.39 |
| 950 | 6.97 | 35.012 | 27.45 |
| 1000 | 6.14 | 35.021 | 27.57 |
| 1500 | 4.22 | 35.006 | 27.79 |
| 1804 | 3.80 | 34.988 | 27.82 |

RES-STACS25-86 CTD 45 RESEARCHER

Date 07 28 86 Latitude 20.502 N

Time 2057 Z Longitude 73.095 W

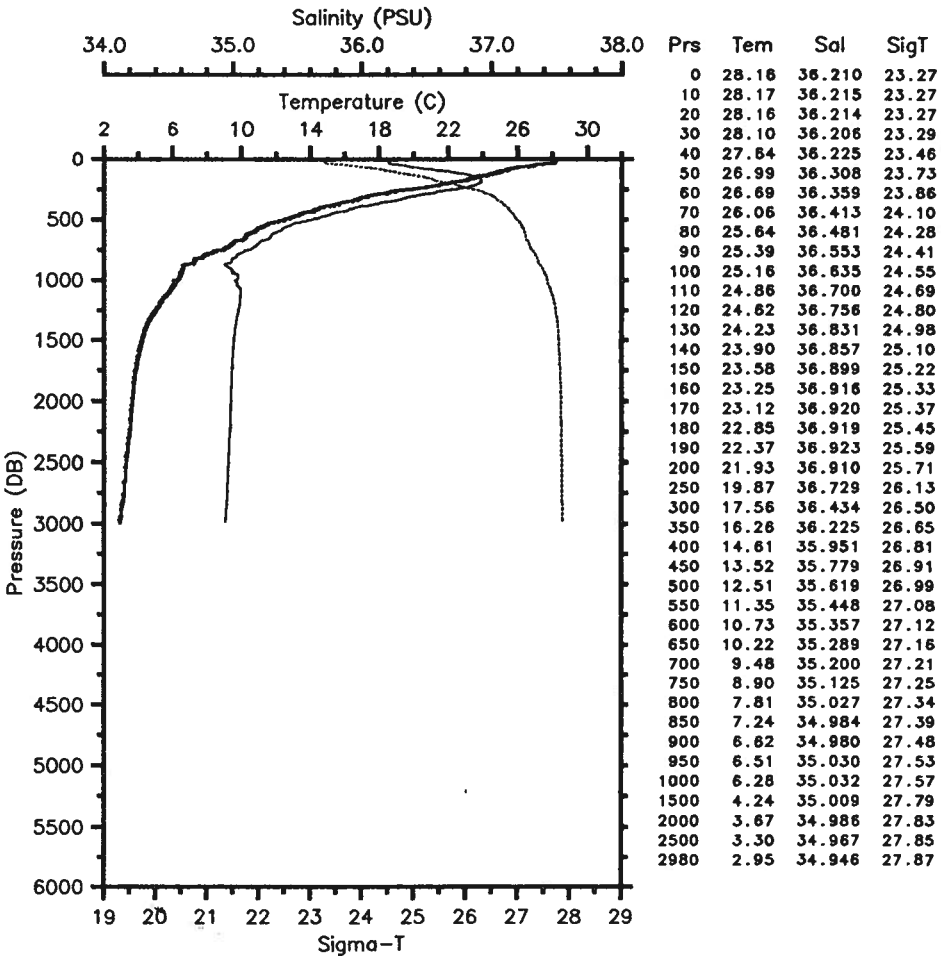



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.29 | 36.212 | 23.23 |
| 10 | 28.25 | 36.211 | 23.25 |
| 20 | 28.11 | 36.203 | 23.28 |
| 30 | 27.77 | 36.215 | 23.40 |
| 40 | 27.50 | 36.284 | 23.54 |
| 50 | 27.36 | 36.292 | 23.60 |
| 60 | 27.10 | 36.296 | 23.68 |
| 70 | 26.39 | 36.334 | 23.94 |
| 80 | 26.05 | 36.384 | 24.08 |
| 90 | 25.74 | 36.455 | 24.23 |
| 100 | 25.42 | 36.543 | 24.40 |
| 110 | 25.14 | 36.641 | 24.56 |
| 120 | 24.94 | 36.711 | 24.67 |
| 130 | 24.53 | 36.792 | 24.86 |
| 140 | 24.17 | 36.836 | 25.00 |
| 150 | 23.81 | 36.874 | 25.14 |
| 160 | 23.38 | 36.899 | 25.28 |
| 170 | 23.13 | 36.898 | 25.35 |
| 180 | 22.64 | 36.905 | 25.50 |
| 190 | 22.27 | 36.905 | 25.61 |
| 200 | 21.81 | 36.899 | 25.73 |
| 250 | 19.14 | 36.628 | 26.25 |
| 300 | 17.67 | 36.461 | 26.49 |
| 350 | 16.92 | 36.343 | 26.58 |
| 400 | 15.93 | 36.173 | 26.68 |
| 450 | 14.70 | 35.970 | 26.80 |
| 500 | 13.43 | 35.759 | 26.91 |
| 550 | 12.56 | 35.627 | 26.98 |
| 600 | 11.65 | 35.492 | 27.06 |
| 650 | 10.77 | 35.363 | 27.12 |
| 700 | 10.15 | 35.289 | 27.17 |
| 750 | 9.25 | 35.166 | 27.23 |
| 800 | 8.26 | 35.075 | 27.31 |
| 850 | 7.72 | 35.031 | 27.36 |
| 900 | 7.43 | 35.025 | 27.40 |
| 950 | 6.81 | 35.006 | 27.47 |
| 1000 | 6.51 | 35.036 | 27.53 |
| 1500 | 4.21 | 35.006 | 27.79 |
| 2000 | 3.67 | 34.984 | 27.83 |
| 2500 | 3.20 | 34.960 | 27.86 |
| 3000 | 2.79 | 34.936 | 27.88 |
| 3500 | 2.51 | 34.919 | 27.89 |
| 3842 | 2.45 | 34.913 | 27.89 |

RES-STACS25-86 CTD 46 RESEARCHER

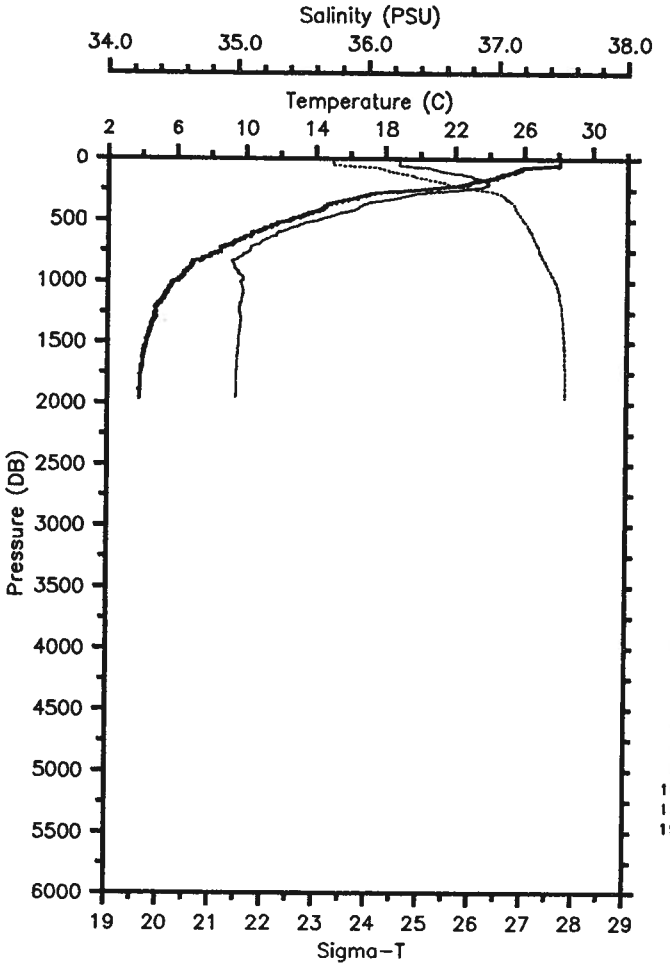
Date 07 29 86 Latitude 20.367 N

Time 0052 Z Longitude 73.092 W



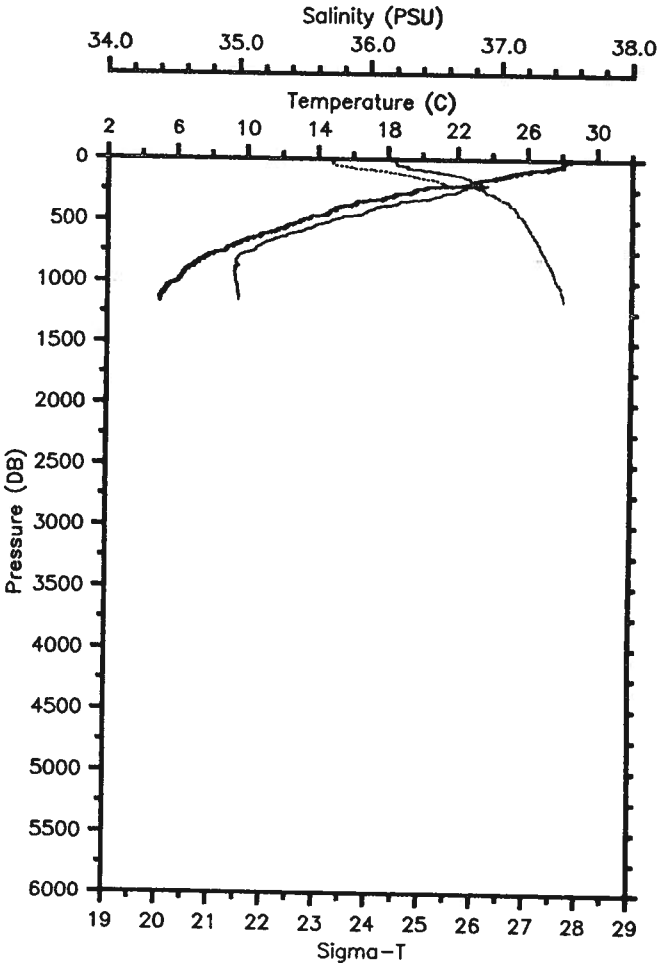

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.16 | 36.210 | 23.27 |
| 10 | 28.17 | 36.215 | 23.27 |
| 20 | 28.16 | 36.214 | 23.27 |
| 30 | 28.10 | 36.206 | 23.29 |
| 40 | 27.84 | 36.225 | 23.46 |
| 50 | 26.99 | 36.308 | 23.73 |
| 60 | 26.69 | 36.359 | 23.86 |
| 70 | 26.06 | 36.413 | 24.10 |
| 80 | 25.64 | 36.481 | 24.28 |
| 90 | 25.39 | 36.553 | 24.41 |
| 100 | 25.16 | 36.635 | 24.55 |
| 110 | 24.86 | 36.700 | 24.69 |
| 120 | 24.62 | 36.756 | 24.80 |
| 130 | 24.23 | 36.831 | 24.98 |
| 140 | 23.90 | 36.857 | 25.10 |
| 150 | 23.58 | 36.899 | 25.22 |
| 160 | 23.25 | 36.916 | 25.33 |
| 170 | 23.12 | 36.920 | 25.37 |
| 180 | 22.85 | 36.919 | 25.45 |
| 190 | 22.37 | 36.923 | 25.59 |
| 200 | 21.93 | 36.910 | 25.71 |
| 250 | 19.87 | 36.729 | 26.13 |
| 300 | 17.56 | 36.434 | 26.50 |
| 350 | 16.26 | 36.225 | 26.65 |
| 400 | 14.61 | 35.951 | 26.81 |
| 450 | 13.52 | 35.779 | 26.91 |
| 500 | 12.51 | 35.619 | 26.99 |
| 550 | 11.35 | 35.448 | 27.08 |
| 600 | 10.73 | 35.357 | 27.12 |
| 650 | 10.22 | 35.289 | 27.16 |
| 700 | 9.48 | 35.200 | 27.21 |
| 750 | 8.90 | 35.125 | 27.25 |
| 800 | 7.81 | 35.027 | 27.34 |
| 850 | 7.24 | 34.984 | 27.39 |
| 900 | 6.82 | 34.980 | 27.48 |
| 950 | 6.51 | 35.030 | 27.53 |
| 1000 | 6.28 | 35.032 | 27.57 |
| 1500 | 4.24 | 35.009 | 27.79 |
| 2000 | 3.67 | 34.986 | 27.83 |
| 2500 | 3.30 | 34.967 | 27.85 |
| 2980 | 2.95 | 34.946 | 27.87 |

RES-STACS25-86 CTD 47 RESEARCHER
Date 07 29 86 Latitude 20.263 N
Time 0807 Z Longitude 73.020 W




| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.05 | 36.238 | 23.33 |
| 10 | 28.06 | 36.241 | 23.33 |
| 20 | 28.06 | 36.241 | 23.33 |
| 30 | 28.06 | 36.240 | 23.33 |
| 40 | 28.05 | 36.241 | 23.33 |
| 50 | 28.05 | 36.240 | 23.33 |
| 60 | 27.27 | 36.288 | 23.62 |
| 70 | 26.12 | 36.427 | 24.09 |
| 80 | 25.84 | 36.482 | 24.22 |
| 90 | 25.67 | 36.517 | 24.30 |
| 100 | 25.47 | 36.554 | 24.39 |
| 110 | 25.28 | 36.607 | 24.49 |
| 120 | 24.99 | 36.664 | 24.62 |
| 130 | 24.73 | 36.732 | 24.75 |
| 140 | 24.51 | 36.789 | 24.86 |
| 150 | 24.41 | 36.808 | 24.91 |
| 160 | 24.06 | 36.850 | 25.04 |
| 170 | 23.82 | 36.877 | 25.14 |
| 180 | 23.40 | 36.900 | 25.28 |
| 190 | 22.95 | 36.919 | 25.42 |
| 200 | 22.80 | 36.922 | 25.47 |
| 250 | 19.96 | 36.700 | 26.09 |
| 300 | 16.83 | 36.313 | 26.58 |
| 350 | 15.23 | 36.055 | 26.75 |
| 400 | 14.43 | 35.927 | 26.83 |
| 450 | 13.49 | 35.774 | 26.91 |
| 500 | 12.49 | 35.617 | 26.99 |
| 550 | 11.47 | 35.464 | 27.07 |
| 600 | 10.39 | 35.306 | 27.14 |
| 650 | 9.86 | 35.240 | 27.18 |
| 700 | 9.14 | 35.158 | 27.24 |
| 750 | 8.55 | 35.098 | 27.29 |
| 800 | 7.85 | 35.026 | 27.34 |
| 850 | 6.93 | 34.966 | 27.42 |
| 900 | 6.64 | 34.986 | 27.48 |
| 950 | 6.40 | 35.026 | 27.54 |
| 1000 | 5.88 | 35.025 | 27.61 |
| 1500 | 4.25 | 35.008 | 27.79 |
| 1950 | 3.85 | 34.991 | 27.82 |

RES-STACS25-86 CTD 48 RESEARCHER
Date 07 29 86 Latitude 20.145 N
Time 1553 Z Longitude 72.970 W

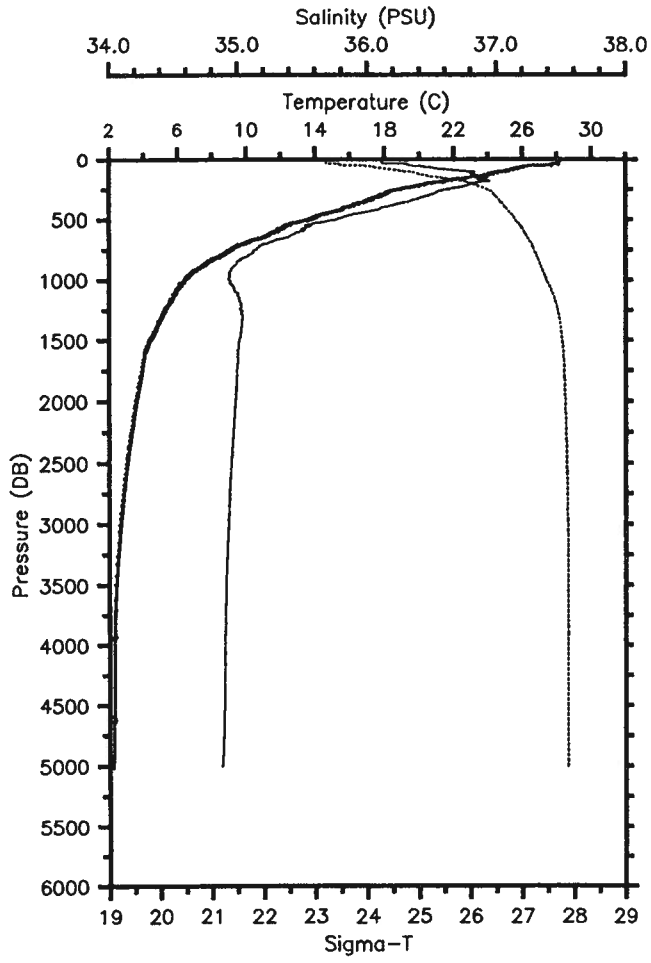



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.47 | 36.137 | 23.11 |
| 10 | 28.23 | 36.160 | 23.21 |
| 20 | 28.10 | 36.190 | 23.28 |
| 30 | 28.07 | 36.196 | 23.29 |
| 40 | 28.06 | 36.197 | 23.30 |
| 50 | 28.06 | 36.201 | 23.30 |
| 60 | 27.65 | 36.281 | 23.49 |
| 70 | 27.26 | 36.287 | 23.62 |
| 80 | 26.82 | 36.295 | 23.77 |
| 90 | 26.12 | 36.400 | 24.07 |
| 100 | 25.63 | 36.476 | 24.28 |
| 110 | 25.33 | 36.509 | 24.40 |
| 120 | 24.94 | 36.617 | 24.60 |
| 130 | 24.75 | 36.662 | 24.69 |
| 140 | 24.46 | 36.712 | 24.82 |
| 150 | 24.13 | 36.726 | 24.93 |
| 160 | 23.80 | 36.760 | 25.05 |
| 170 | 23.26 | 36.759 | 25.21 |
| 180 | 23.03 | 36.783 | 25.30 |
| 190 | 22.93 | 36.829 | 25.36 |
| 200 | 22.79 | 36.847 | 25.41 |
| 250 | 19.63 | 36.685 | 26.16 |
| 300 | 18.34 | 36.538 | 26.38 |
| 350 | 16.25 | 36.225 | 26.65 |
| 400 | 15.08 | 36.031 | 26.77 |
| 450 | 14.54 | 35.943 | 26.82 |
| 500 | 13.04 | 35.697 | 26.94 |
| 550 | 12.24 | 35.575 | 27.01 |
| 600 | 11.34 | 35.443 | 27.08 |
| 650 | 10.33 | 35.307 | 27.15 |
| 700 | 9.32 | 35.178 | 27.23 |
| 750 | 8.77 | 35.123 | 27.27 |
| 800 | 7.66 | 34.999 | 27.34 |
| 850 | 7.08 | 34.979 | 27.41 |
| 900 | 6.65 | 34.984 | 27.47 |
| 950 | 6.29 | 34.971 | 27.51 |
| 1000 | 6.01 | 34.980 | 27.56 |
| 1152 | 5.01 | 35.004 | 27.70 |

RES-STACS25-86 CTD 49 RESEARCHER

Date 07 31 86 Latitude 20.845 N

Time 0135 Z Longitude 66.130 W

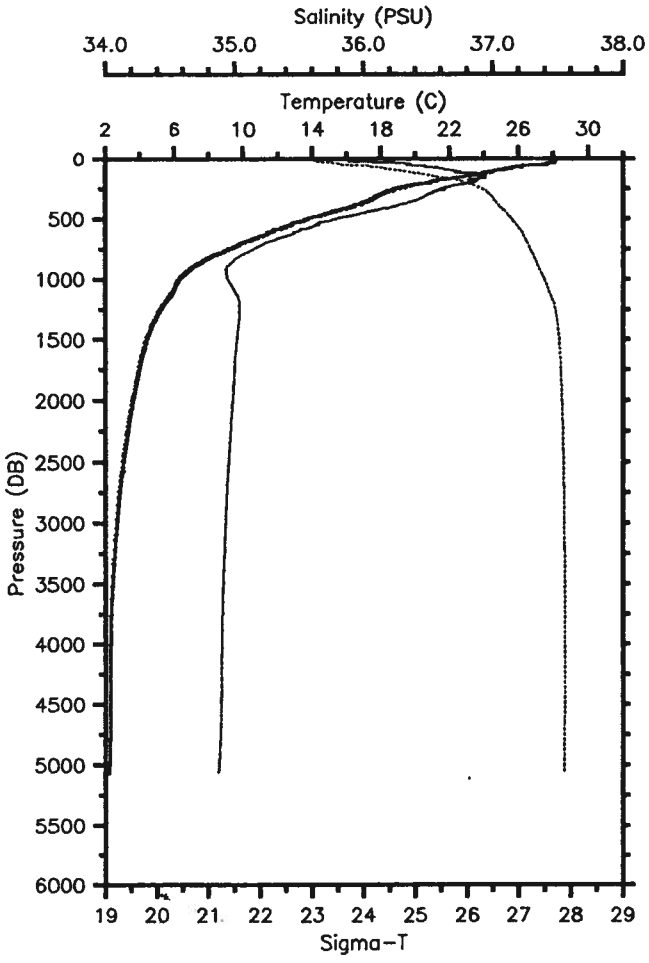



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.18 | 36.100 | 23.18 |
| 10 | 28.18 | 36.101 | 23.18 |
| 20 | 28.11 | 36.110 | 23.21 |
| 30 | 28.10 | 36.113 | 23.22 |
| 40 | 27.82 | 36.303 | 23.46 |
| 50 | 27.62 | 36.319 | 23.53 |
| 60 | 26.20 | 36.390 | 24.04 |
| 70 | 25.90 | 36.495 | 24.21 |
| 80 | 25.63 | 36.548 | 24.34 |
| 90 | 25.34 | 36.634 | 24.49 |
| 100 | 25.09 | 36.723 | 24.64 |
| 110 | 24.61 | 36.831 | 24.86 |
| 120 | 24.22 | 36.802 | 24.96 |
| 130 | 24.05 | 36.836 | 25.04 |
| 140 | 23.77 | 36.896 | 25.16 |
| 150 | 23.09 | 36.853 | 25.33 |
| 160 | 22.68 | 36.932 | 25.51 |
| 170 | 21.96 | 36.852 | 25.65 |
| 180 | 21.59 | 36.881 | 25.78 |
| 190 | 21.31 | 36.918 | 25.88 |
| 200 | 20.68 | 36.838 | 26.00 |
| 250 | 18.91 | 36.643 | 26.32 |
| 300 | 17.81 | 36.486 | 26.47 |
| 350 | 16.93 | 36.334 | 26.57 |
| 400 | 15.77 | 36.125 | 26.68 |
| 450 | 14.72 | 35.945 | 26.78 |
| 500 | 13.72 | 35.774 | 26.86 |
| 550 | 12.28 | 35.528 | 26.96 |
| 600 | 11.73 | 35.490 | 27.04 |
| 650 | 10.95 | 35.387 | 27.10 |
| 700 | 9.86 | 35.229 | 27.17 |
| 750 | 9.14 | 35.142 | 27.23 |
| 800 | 8.51 | 35.080 | 27.28 |
| 850 | 7.80 | 34.995 | 27.32 |
| 900 | 7.25 | 34.960 | 27.37 |
| 950 | 6.80 | 34.939 | 27.42 |
| 1000 | 6.44 | 34.936 | 27.47 |
| 1500 | 4.41 | 35.017 | 27.78 |
| 2000 | 3.62 | 34.985 | 27.83 |
| 2500 | 3.09 | 34.955 | 27.86 |
| 3000 | 2.69 | 34.930 | 27.88 |
| 3500 | 2.43 | 34.913 | 27.89 |
| 4000 | 2.32 | 34.903 | 27.89 |
| 4500 | 2.29 | 34.896 | 27.89 |
| 5000 | 2.23 | 34.880 | 27.88 |
| 5002 | 2.23 | 34.880 | 27.88 |

RES-STACS25-86 CTD 50 RESEARCHER

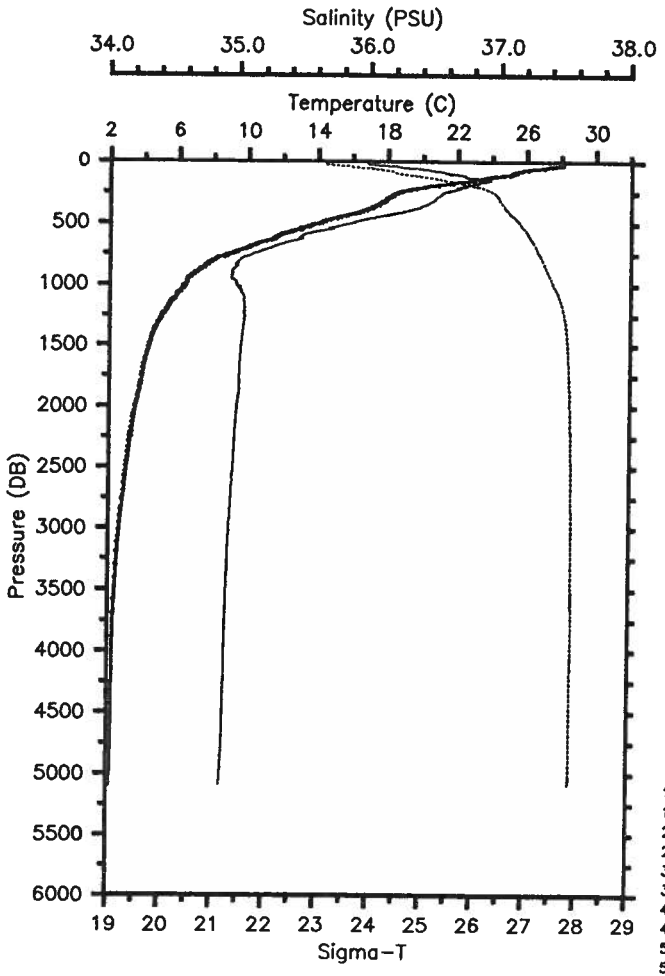
Date 07 31 86 Latitude 20.507 N

Time 0704 Z Longitude 66.117 W



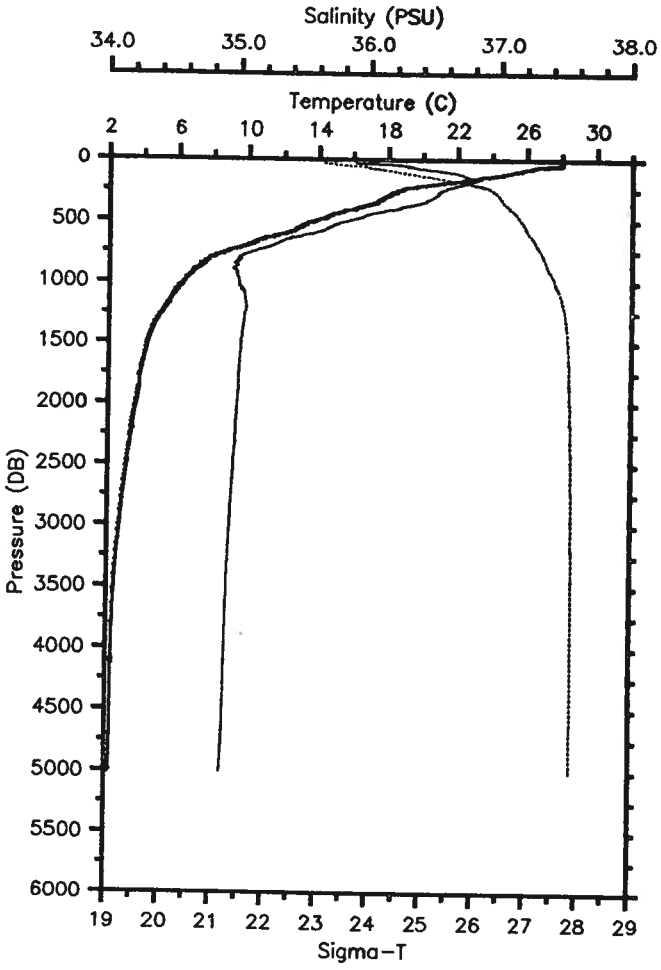

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.09 | 35.892 | 23.06 |
| 10 | 28.10 | 35.889 | 23.05 |
| 20 | 28.10 | 35.888 | 23.05 |
| 30 | 28.03 | 35.996 | 23.15 |
| 40 | 27.78 | 36.322 | 23.49 |
| 50 | 27.60 | 36.367 | 23.58 |
| 60 | 26.34 | 36.437 | 24.03 |
| 70 | 26.02 | 36.510 | 24.19 |
| 80 | 25.59 | 36.588 | 24.38 |
| 90 | 25.22 | 36.627 | 24.52 |
| 100 | 24.72 | 36.695 | 24.73 |
| 110 | 24.44 | 36.744 | 24.85 |
| 120 | 23.95 | 36.730 | 24.98 |
| 130 | 23.87 | 36.886 | 25.13 |
| 140 | 23.56 | 36.941 | 25.26 |
| 150 | 22.99 | 36.900 | 25.40 |
| 160 | 22.42 | 36.943 | 25.59 |
| 170 | 21.96 | 36.908 | 25.70 |
| 180 | 21.33 | 36.813 | 25.80 |
| 190 | 21.17 | 36.886 | 25.90 |
| 200 | 20.89 | 36.867 | 25.96 |
| 250 | 18.85 | 36.602 | 26.30 |
| 300 | 17.99 | 36.505 | 26.45 |
| 350 | 17.30 | 36.409 | 26.54 |
| 400 | 16.28 | 36.228 | 26.64 |
| 450 | 15.00 | 38.008 | 26.77 |
| 500 | 13.77 | 35.796 | 26.87 |
| 550 | 12.81 | 35.661 | 26.96 |
| 600 | 11.73 | 35.506 | 27.05 |
| 650 | 10.88 | 35.378 | 27.11 |
| 700 | 9.89 | 35.236 | 27.17 |
| 750 | 9.16 | 35.151 | 27.23 |
| 800 | 8.30 | 35.050 | 27.29 |
| 850 | 7.65 | 34.988 | 27.34 |
| 900 | 7.06 | 34.940 | 27.38 |
| 950 | 6.67 | 34.936 | 27.43 |
| 1000 | 6.30 | 34.949 | 27.49 |
| 1500 | 4.42 | 35.021 | 27.78 |
| 2000 | 3.61 | 34.986 | 27.84 |
| 2500 | 3.07 | 34.956 | 27.87 |
| 3000 | 2.69 | 34.932 | 27.88 |
| 3500 | 2.43 | 34.914 | 27.89 |
| 4000 | 2.31 | 34.903 | 27.89 |
| 4500 | 2.29 | 34.896 | 27.89 |
| 5000 | 2.23 | 34.881 | 27.88 |
| 5060 | 2.21 | 34.877 | 27.88 |

RES-STACS25-86 CTD 51 RESEARCHER
Date 07 31 86 Latitude 20.178 N
Time 1221 Z Longitude 66.135 W



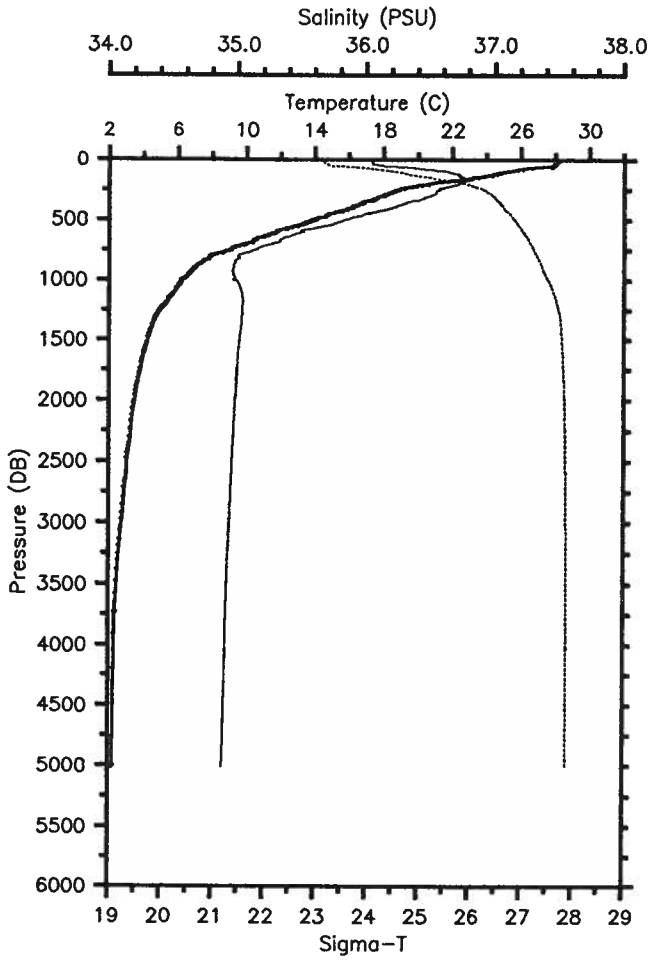

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.07 | 35.976 | 23.13 |
| 10 | 28.06 | 35.969 | 23.13 |
| 20 | 28.05 | 35.974 | 23.13 |
| 30 | 28.02 | 35.978 | 23.14 |
| 40 | 27.66 | 36.114 | 23.36 |
| 50 | 27.02 | 36.221 | 23.65 |
| 60 | 26.52 | 36.310 | 23.88 |
| 70 | 25.97 | 36.423 | 24.14 |
| 80 | 25.60 | 36.457 | 24.28 |
| 90 | 25.33 | 36.542 | 24.42 |
| 100 | 25.17 | 36.574 | 24.50 |
| 110 | 25.00 | 36.662 | 24.62 |
| 120 | 24.31 | 36.713 | 24.87 |
| 130 | 23.81 | 36.723 | 25.02 |
| 140 | 23.54 | 36.818 | 25.17 |
| 150 | 23.16 | 36.880 | 25.33 |
| 160 | 22.71 | 36.889 | 25.47 |
| 170 | 22.01 | 36.830 | 25.62 |
| 180 | 21.63 | 36.825 | 25.73 |
| 190 | 21.10 | 36.789 | 25.83 |
| 200 | 20.57 | 36.718 | 25.94 |
| 250 | 18.67 | 36.573 | 26.32 |
| 300 | 17.98 | 36.501 | 26.44 |
| 350 | 17.49 | 36.440 | 26.52 |
| 400 | 16.66 | 36.293 | 26.60 |
| 450 | 15.35 | 36.074 | 26.74 |
| 500 | 14.20 | 35.882 | 26.84 |
| 550 | 13.09 | 35.713 | 26.94 |
| 600 | 11.82 | 35.494 | 27.03 |
| 650 | 11.10 | 35.413 | 27.10 |
| 700 | 10.08 | 35.266 | 27.16 |
| 750 | 9.12 | 35.133 | 27.22 |
| 800 | 8.10 | 35.013 | 27.29 |
| 850 | 7.55 | 34.970 | 27.34 |
| 900 | 7.05 | 34.942 | 27.39 |
| 950 | 6.58 | 34.939 | 27.45 |
| 1000 | 6.41 | 34.974 | 27.50 |
| 1500 | 4.34 | 35.017 | 27.79 |
| 2000 | 3.56 | 34.985 | 27.84 |
| 2500 | 3.03 | 34.954 | 27.87 |
| 3000 | 2.66 | 34.930 | 27.88 |
| 3500 | 2.42 | 34.914 | 27.89 |
| 4000 | 2.31 | 34.903 | 27.89 |
| 4500 | 2.28 | 34.895 | 27.89 |
| 5000 | 2.21 | 34.879 | 27.88 |
| 5086 | 2.18 | 34.873 | 27.88 |

RES-STACS25-86 CTD 52 RESEARCHER
Date 07 31 86 Latitude 19.843 N
Time 1700 Z Longitude 66.125 W



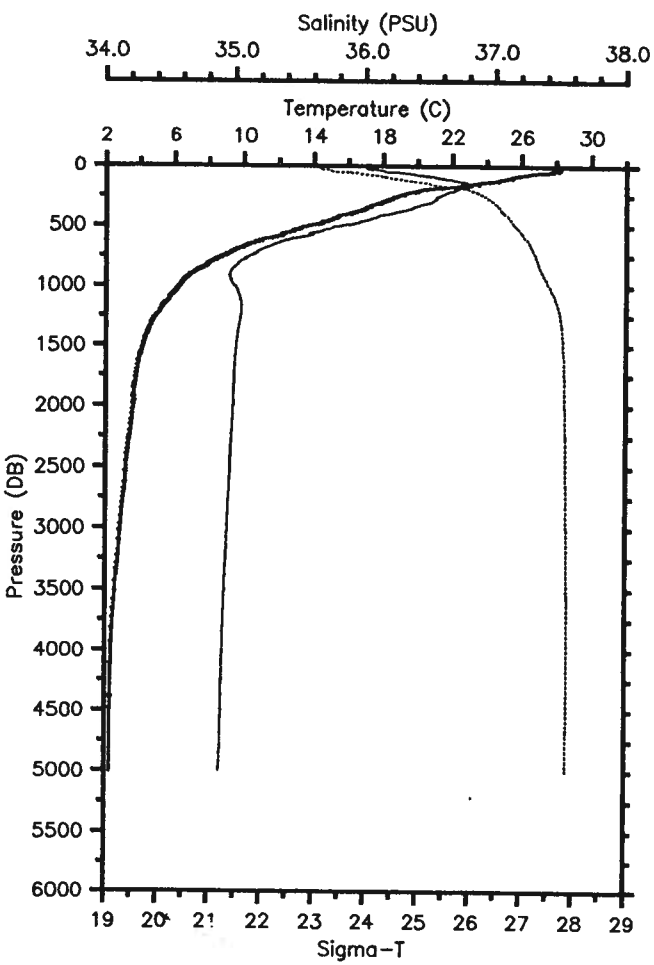

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.07 | 35.875 | 23.05 |
| 10 | 28.02 | 35.877 | 23.07 |
| 20 | 28.00 | 35.877 | 23.07 |
| 30 | 28.00 | 35.880 | 23.08 |
| 40 | 27.92 | 36.163 | 23.32 |
| 50 | 27.37 | 36.290 | 23.59 |
| 60 | 26.52 | 36.302 | 23.87 |
| 70 | 26.26 | 36.353 | 23.99 |
| 80 | 25.82 | 36.431 | 24.19 |
| 90 | 25.57 | 36.517 | 24.33 |
| 100 | 25.22 | 36.590 | 24.50 |
| 110 | 24.87 | 36.657 | 24.65 |
| 120 | 24.52 | 36.683 | 24.78 |
| 130 | 24.10 | 36.716 | 24.93 |
| 140 | 23.49 | 36.740 | 25.13 |
| 150 | 23.25 | 36.814 | 25.26 |
| 160 | 22.80 | 36.822 | 25.39 |
| 170 | 22.24 | 36.792 | 25.53 |
| 180 | 21.69 | 36.775 | 25.67 |
| 190 | 21.19 | 36.741 | 25.79 |
| 200 | 20.67 | 36.715 | 25.91 |
| 250 | 18.61 | 36.537 | 26.31 |
| 300 | 17.90 | 36.494 | 26.46 |
| 350 | 17.28 | 36.406 | 26.54 |
| 400 | 16.14 | 36.210 | 26.66 |
| 450 | 14.73 | 35.977 | 26.80 |
| 500 | 13.84 | 35.832 | 26.88 |
| 550 | 12.94 | 35.694 | 26.96 |
| 600 | 12.15 | 35.575 | 27.02 |
| 650 | 10.82 | 35.376 | 27.12 |
| 700 | 9.95 | 35.262 | 27.18 |
| 750 | 8.84 | 35.119 | 27.26 |
| 800 | 7.79 | 34.986 | 27.31 |
| 850 | 7.26 | 34.959 | 27.37 |
| 900 | 6.85 | 34.949 | 27.42 |
| 950 | 6.53 | 34.977 | 27.49 |
| 1000 | 6.27 | 34.994 | 27.53 |
| 1500 | 4.24 | 35.010 | 27.79 |
| 2000 | 3.59 | 34.984 | 27.84 |
| 2500 | 3.09 | 34.958 | 27.86 |
| 3000 | 2.70 | 34.933 | 27.88 |
| 3500 | 2.43 | 34.915 | 27.89 |
| 4000 | 2.32 | 34.905 | 27.89 |
| 4500 | 2.29 | 34.897 | 27.89 |
| 5000 | 2.20 | 34.877 | 27.88 |
| 5006 | 2.20 | 34.877 | 27.88 |

RES-STACS25-86 CTD 53 RESEARCHER
Date 07 31 86 Latitude 19.592 N
Time 2146 Z Longitude 66.123 W



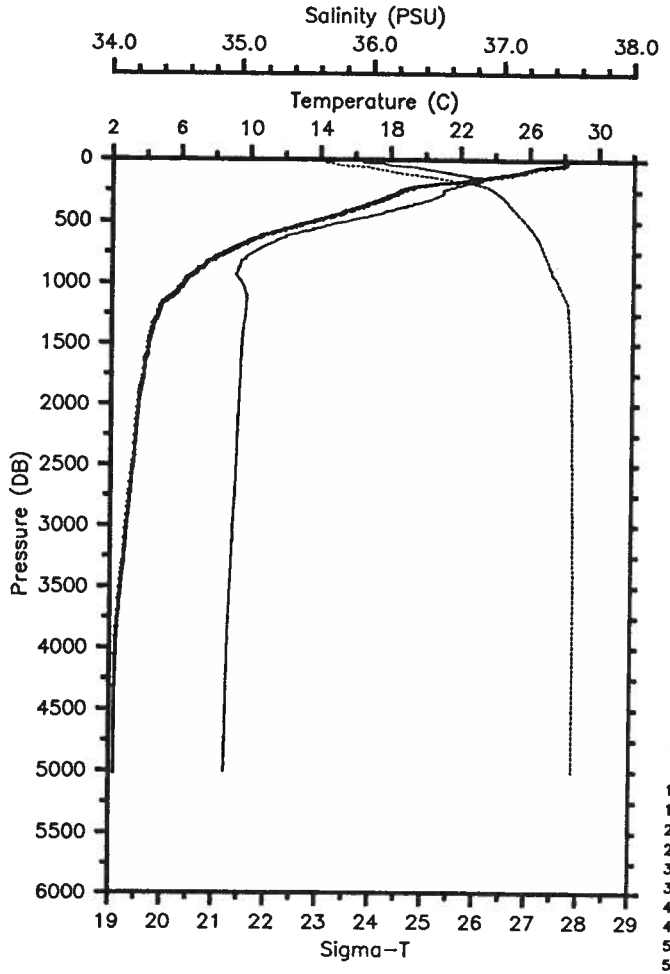

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.24 | 36.031 | 23.11 |
| 10 | 28.16 | 36.028 | 23.14 |
| 20 | 28.08 | 36.040 | 23.17 |
| 30 | 28.06 | 36.044 | 23.18 |
| 40 | 27.98 | 36.044 | 23.21 |
| 50 | 27.89 | 36.121 | 23.29 |
| 60 | 27.55 | 36.221 | 23.48 |
| 70 | 26.52 | 36.350 | 23.91 |
| 80 | 26.01 | 36.434 | 24.13 |
| 90 | 25.67 | 36.521 | 24.30 |
| 100 | 25.32 | 36.606 | 24.48 |
| 110 | 24.92 | 36.653 | 24.63 |
| 120 | 24.61 | 36.699 | 24.76 |
| 130 | 24.38 | 36.717 | 24.85 |
| 140 | 23.92 | 36.730 | 24.99 |
| 150 | 23.27 | 36.737 | 25.19 |
| 160 | 23.02 | 36.787 | 25.30 |
| 170 | 22.52 | 36.781 | 25.44 |
| 180 | 21.88 | 36.758 | 25.61 |
| 190 | 21.34 | 36.742 | 25.74 |
| 200 | 20.84 | 36.729 | 25.87 |
| 250 | 18.92 | 36.568 | 26.26 |
| 300 | 18.02 | 36.516 | 26.44 |
| 350 | 17.04 | 36.356 | 26.56 |
| 400 | 16.18 | 36.217 | 26.66 |
| 450 | 15.01 | 36.018 | 26.77 |
| 500 | 14.02 | 35.859 | 26.86 |
| 550 | 13.03 | 35.707 | 26.95 |
| 600 | 11.76 | 35.501 | 27.04 |
| 650 | 10.87 | 35.378 | 27.11 |
| 700 | 10.04 | 35.281 | 27.18 |
| 750 | 9.14 | 35.155 | 27.24 |
| 800 | 7.99 | 35.008 | 27.30 |
| 850 | 7.46 | 34.978 | 27.36 |
| 900 | 7.03 | 34.968 | 27.41 |
| 950 | 6.68 | 34.965 | 27.46 |
| 1000 | 6.24 | 34.961 | 27.51 |
| 1500 | 4.27 | 35.013 | 27.79 |
| 2000 | 3.51 | 34.982 | 27.84 |
| 2500 | 3.08 | 34.956 | 27.86 |
| 3000 | 2.77 | 34.937 | 27.88 |
| 3500 | 2.50 | 34.919 | 27.89 |
| 4000 | 2.35 | 34.907 | 27.89 |
| 4500 | 2.30 | 34.898 | 27.89 |
| 5000 | 2.25 | 34.884 | 27.88 |
| 5008 | 2.25 | 34.883 | 27.88 |

RES-STACS25-86 CTD 54 RESEARCHER
Date 08 01 86 Latitude 19.345 N
Time 0238 Z Longitude 66.120 W



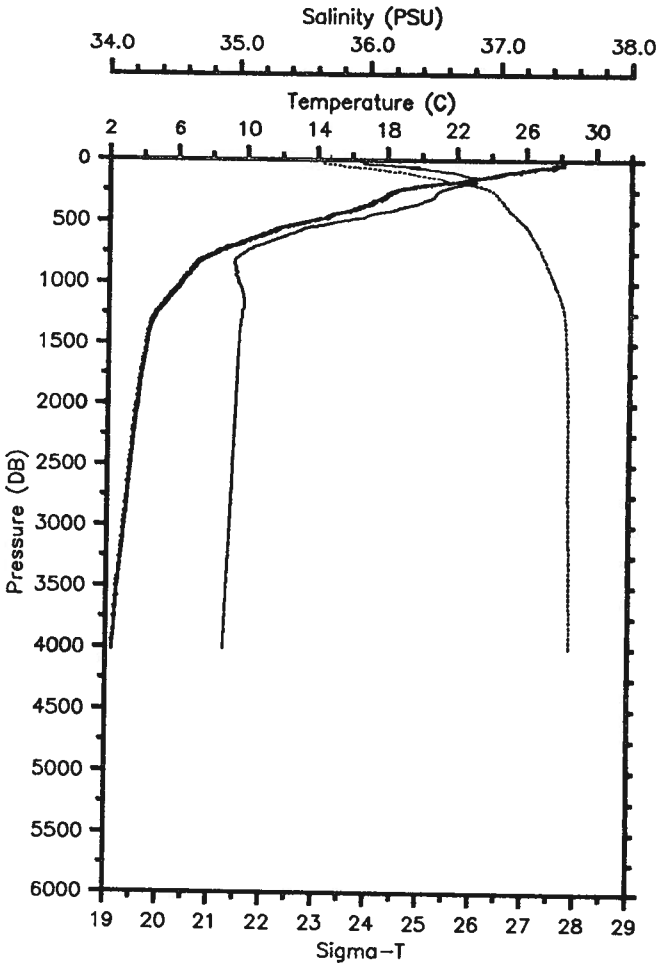

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.18 | 36.006 | 23.11 |
| 10 | 28.19 | 36.007 | 23.11 |
| 20 | 28.16 | 36.006 | 23.12 |
| 30 | 28.09 | 36.017 | 23.15 |
| 40 | 27.80 | 36.127 | 23.33 |
| 50 | 27.59 | 36.152 | 23.41 |
| 60 | 26.77 | 36.287 | 23.78 |
| 70 | 26.27 | 36.361 | 23.99 |
| 80 | 25.87 | 36.434 | 24.18 |
| 90 | 25.56 | 36.491 | 24.31 |
| 100 | 25.31 | 36.565 | 24.45 |
| 110 | 24.99 | 36.621 | 24.59 |
| 120 | 24.70 | 36.677 | 24.72 |
| 130 | 24.21 | 36.733 | 24.91 |
| 140 | 23.66 | 36.748 | 25.08 |
| 150 | 23.18 | 36.754 | 25.23 |
| 160 | 22.83 | 36.736 | 25.32 |
| 170 | 22.33 | 36.811 | 25.52 |
| 180 | 21.67 | 36.752 | 25.66 |
| 190 | 20.74 | 36.718 | 25.89 |
| 200 | 20.27 | 36.697 | 26.00 |
| 250 | 18.92 | 36.575 | 26.26 |
| 300 | 18.00 | 36.509 | 26.45 |
| 350 | 17.07 | 36.371 | 26.57 |
| 400 | 16.04 | 36.191 | 26.67 |
| 450 | 14.96 | 36.019 | 26.78 |
| 500 | 13.74 | 35.809 | 26.88 |
| 550 | 12.67 | 35.649 | 26.98 |
| 600 | 11.66 | 35.499 | 27.06 |
| 650 | 10.41 | 35.323 | 27.15 |
| 700 | 9.53 | 35.204 | 27.21 |
| 750 | 8.81 | 35.117 | 27.26 |
| 800 | 8.10 | 35.036 | 27.31 |
| 850 | 7.56 | 34.989 | 27.35 |
| 900 | 6.97 | 34.956 | 27.41 |
| 950 | 6.54 | 34.965 | 27.48 |
| 1000 | 6.28 | 34.990 | 27.53 |
| 1500 | 4.16 | 35.007 | 27.80 |
| 2000 | 3.60 | 34.985 | 27.84 |
| 2500 | 3.19 | 34.961 | 27.86 |
| 3000 | 2.87 | 34.942 | 27.87 |
| 3500 | 2.57 | 34.923 | 27.88 |
| 4000 | 2.37 | 34.907 | 27.89 |
| 4500 | 2.31 | 34.899 | 27.89 |
| 4998 | 2.28 | 34.887 | 27.88 |

RES-STACS25-86 CTD 55 RESEARCHER
Date 08 01 86 Latitude 19.168 N
Time 0654 Z Longitude 66.128 W



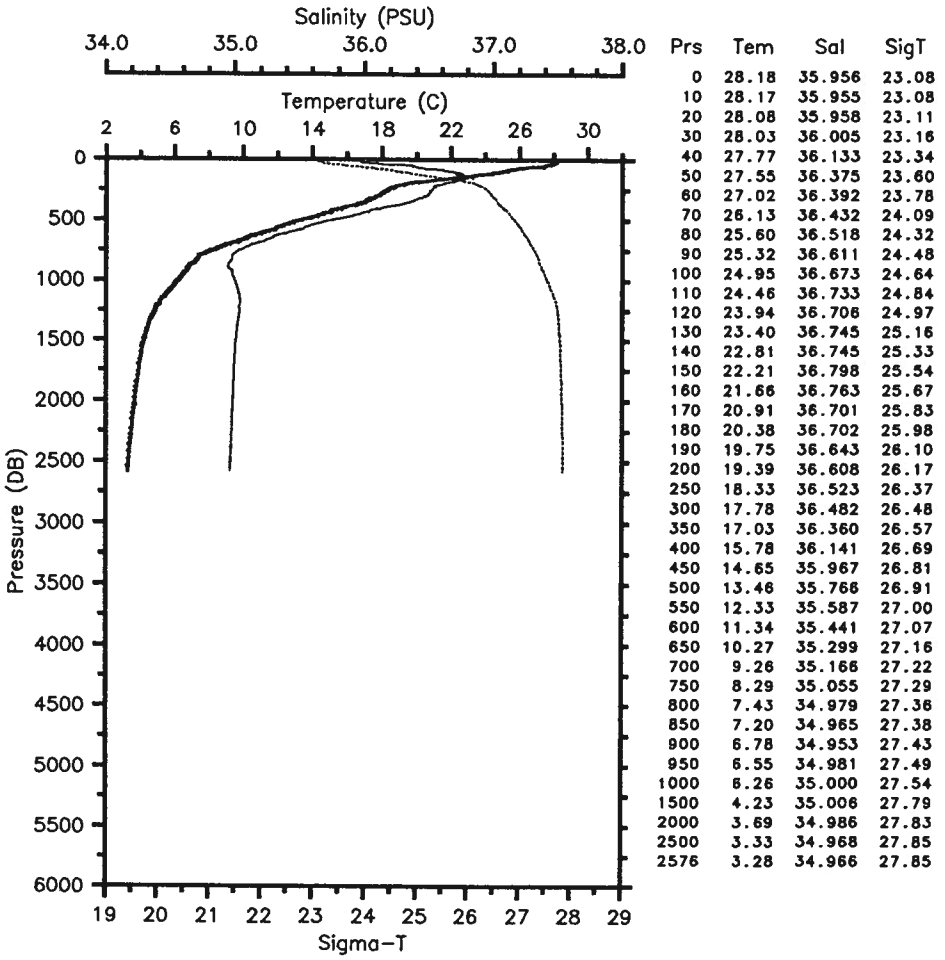

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.08 | 35.926 | 23.09 |
| 10 | 28.08 | 35.921 | 23.08 |
| 20 | 28.09 | 35.920 | 23.08 |
| 30 | 28.05 | 36.071 | 23.21 |
| 40 | 27.91 | 36.107 | 23.28 |
| 50 | 27.48 | 36.188 | 23.48 |
| 60 | 26.76 | 36.313 | 23.80 |
| 70 | 26.25 | 36.372 | 24.01 |
| 80 | 26.00 | 36.416 | 24.12 |
| 90 | 25.73 | 36.485 | 24.26 |
| 100 | 25.48 | 36.539 | 24.38 |
| 110 | 25.12 | 36.591 | 24.53 |
| 120 | 24.75 | 36.653 | 24.69 |
| 130 | 24.23 | 36.709 | 24.89 |
| 140 | 23.72 | 36.751 | 25.07 |
| 150 | 23.22 | 36.773 | 25.23 |
| 160 | 22.61 | 36.768 | 25.40 |
| 170 | 22.40 | 36.835 | 25.52 |
| 180 | 21.86 | 36.797 | 25.64 |
| 190 | 20.92 | 36.732 | 25.85 |
| 200 | 20.38 | 36.701 | 25.98 |
| 250 | 18.62 | 36.540 | 26.31 |
| 300 | 17.86 | 36.488 | 26.46 |
| 350 | 17.02 | 36.365 | 26.57 |
| 400 | 15.88 | 36.163 | 26.69 |
| 450 | 14.83 | 35.993 | 26.79 |
| 500 | 13.63 | 35.805 | 26.90 |
| 550 | 12.37 | 35.599 | 27.00 |
| 600 | 11.22 | 35.431 | 27.09 |
| 650 | 10.12 | 35.283 | 27.17 |
| 700 | 9.34 | 35.179 | 27.22 |
| 750 | 8.63 | 35.095 | 27.27 |
| 800 | 7.95 | 35.029 | 27.32 |
| 850 | 7.43 | 34.989 | 27.37 |
| 900 | 6.96 | 34.971 | 27.42 |
| 950 | 6.48 | 34.968 | 27.49 |
| 1000 | 6.18 | 35.004 | 27.55 |
| 1500 | 4.17 | 35.007 | 27.79 |
| 2000 | 3.61 | 34.986 | 27.84 |
| 2500 | 3.31 | 34.968 | 27.85 |
| 3000 | 2.95 | 34.947 | 27.87 |
| 3500 | 2.62 | 34.926 | 27.88 |
| 4000 | 2.37 | 34.909 | 27.89 |
| 4500 | 2.31 | 34.900 | 27.89 |
| 5000 | 2.30 | 34.891 | 27.88 |
| 5010 | 2.30 | 34.890 | 27.88 |

RES-STACS25-86 CTD 56 RESEARCHER
Date 08 01 86 Latitude 19.017 N
Time 1124 Z Longitude 66.132 W



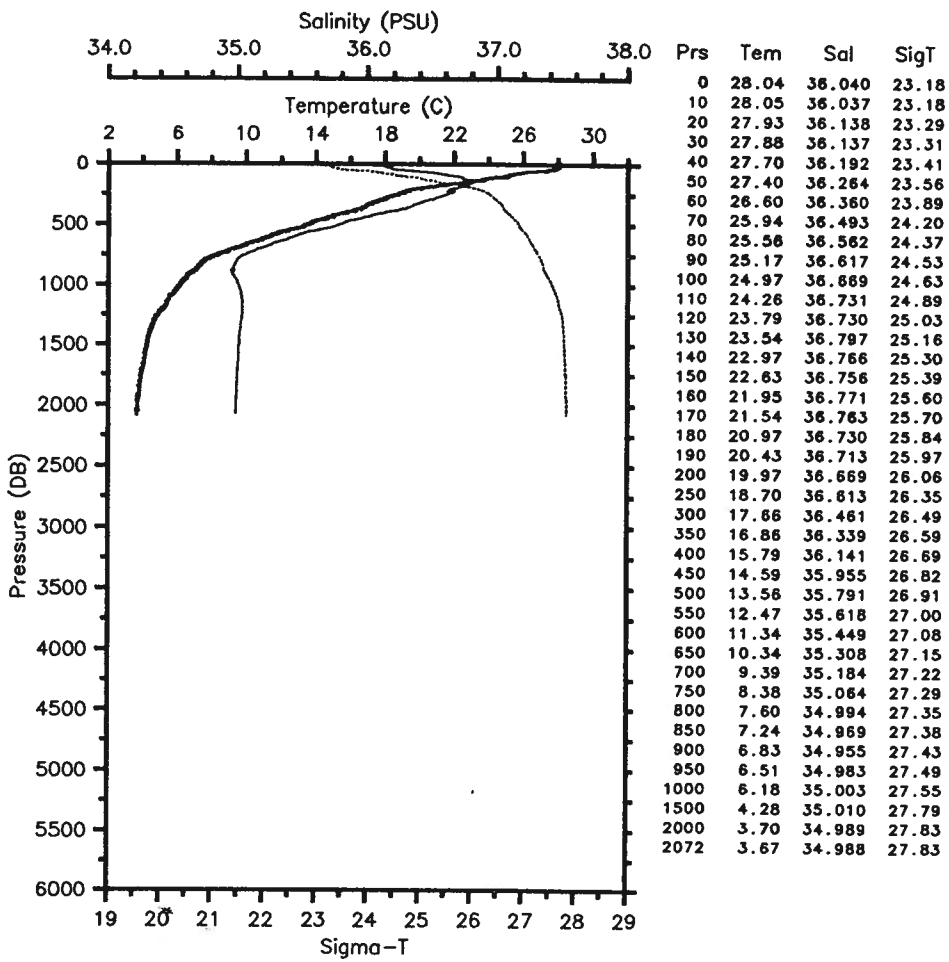

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.10 | 35.951 | 23.10 |
| 10 | 28.11 | 35.951 | 23.09 |
| 20 | 28.12 | 35.951 | 23.09 |
| 30 | 28.12 | 35.951 | 23.09 |
| 40 | 27.72 | 36.090 | 23.33 |
| 50 | 27.57 | 36.240 | 23.49 |
| 60 | 27.16 | 36.304 | 23.67 |
| 70 | 26.39 | 36.411 | 24.00 |
| 80 | 25.81 | 36.498 | 24.24 |
| 90 | 25.64 | 36.550 | 24.33 |
| 100 | 24.88 | 36.653 | 24.65 |
| 110 | 24.56 | 36.686 | 24.77 |
| 120 | 24.22 | 36.717 | 24.89 |
| 130 | 24.00 | 36.760 | 24.99 |
| 140 | 23.60 | 36.823 | 25.16 |
| 150 | 22.89 | 36.799 | 25.35 |
| 160 | 22.58 | 36.799 | 25.44 |
| 170 | 22.23 | 36.758 | 25.51 |
| 180 | 21.79 | 36.803 | 25.67 |
| 190 | 20.98 | 36.742 | 25.84 |
| 200 | 20.46 | 36.704 | 25.98 |
| 250 | 18.52 | 36.542 | 26.34 |
| 300 | 17.88 | 36.490 | 26.46 |
| 350 | 17.08 | 36.374 | 26.57 |
| 400 | 16.15 | 36.209 | 26.66 |
| 450 | 14.81 | 35.994 | 26.80 |
| 500 | 13.54 | 35.783 | 26.91 |
| 550 | 12.04 | 35.542 | 27.02 |
| 600 | 11.16 | 35.417 | 27.09 |
| 650 | 10.13 | 35.277 | 27.16 |
| 700 | 9.18 | 35.157 | 27.23 |
| 750 | 8.31 | 35.059 | 27.29 |
| 800 | 7.56 | 34.990 | 27.35 |
| 850 | 7.08 | 34.970 | 27.40 |
| 900 | 6.74 | 34.978 | 27.46 |
| 950 | 6.42 | 34.983 | 27.50 |
| 1000 | 6.22 | 35.003 | 27.55 |
| 1500 | 4.22 | 35.009 | 27.79 |
| 2000 | 3.71 | 34.990 | 27.83 |
| 2500 | 3.31 | 34.968 | 27.85 |
| 3000 | 2.98 | 34.948 | 27.87 |
| 3500 | 2.60 | 34.924 | 27.88 |
| 4000 | 2.37 | 34.907 | 27.89 |
| 4010 | 2.36 | 34.907 | 27.89 |

RES-STACS25-86 CTD 57 RESEARCHER
Date 08 01 86 Latitude 18.838 N
Time 2039 Z Longitude 66.135 W



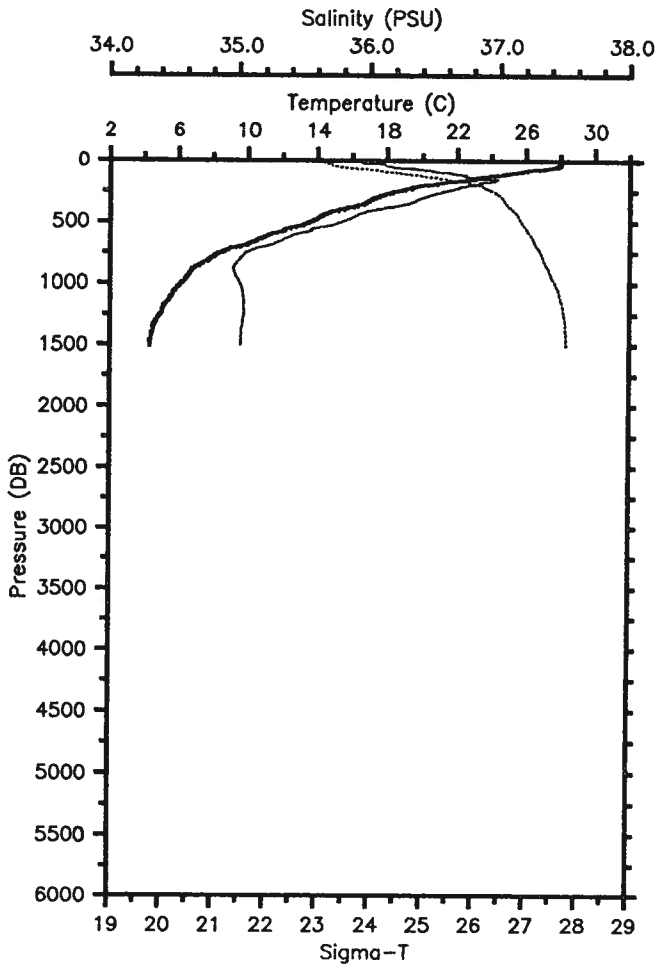

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.18 | 35.956 | 23.08 |
| 10 | 28.17 | 35.955 | 23.08 |
| 20 | 28.08 | 35.958 | 23.11 |
| 30 | 28.03 | 36.005 | 23.16 |
| 40 | 27.77 | 36.133 | 23.34 |
| 50 | 27.55 | 36.375 | 23.60 |
| 60 | 27.02 | 36.392 | 23.78 |
| 70 | 26.13 | 36.432 | 24.09 |
| 80 | 25.60 | 36.518 | 24.32 |
| 90 | 25.32 | 36.611 | 24.48 |
| 100 | 24.95 | 36.673 | 24.64 |
| 110 | 24.46 | 36.733 | 24.84 |
| 120 | 23.94 | 36.706 | 24.97 |
| 130 | 23.40 | 36.745 | 25.16 |
| 140 | 22.81 | 36.745 | 25.33 |
| 150 | 22.21 | 36.798 | 25.54 |
| 160 | 21.66 | 36.763 | 25.67 |
| 170 | 20.91 | 36.701 | 25.83 |
| 180 | 20.38 | 36.702 | 25.98 |
| 190 | 19.75 | 36.643 | 26.10 |
| 200 | 19.39 | 36.608 | 26.17 |
| 250 | 18.33 | 36.523 | 26.37 |
| 300 | 17.78 | 36.482 | 26.48 |
| 350 | 17.03 | 36.360 | 26.57 |
| 400 | 15.78 | 36.141 | 26.69 |
| 450 | 14.65 | 35.967 | 26.81 |
| 500 | 13.46 | 35.766 | 26.91 |
| 550 | 12.33 | 35.587 | 27.00 |
| 600 | 11.34 | 35.441 | 27.07 |
| 650 | 10.27 | 35.299 | 27.16 |
| 700 | 9.26 | 35.166 | 27.22 |
| 750 | 8.29 | 35.055 | 27.29 |
| 800 | 7.43 | 34.979 | 27.36 |
| 850 | 7.20 | 34.965 | 27.38 |
| 900 | 6.78 | 34.953 | 27.43 |
| 950 | 6.55 | 34.981 | 27.49 |
| 1000 | 6.26 | 35.000 | 27.54 |
| 1500 | 4.23 | 35.006 | 27.79 |
| 2000 | 3.69 | 34.986 | 27.83 |
| 2500 | 3.33 | 34.968 | 27.85 |
| 2576 | 3.28 | 34.966 | 27.85 |

RES-STACS25-86 CTD 58 RESEARCHER
Date 08 01 86 Latitude 18.755 N
Time 2326 Z Longitude 66.127 W



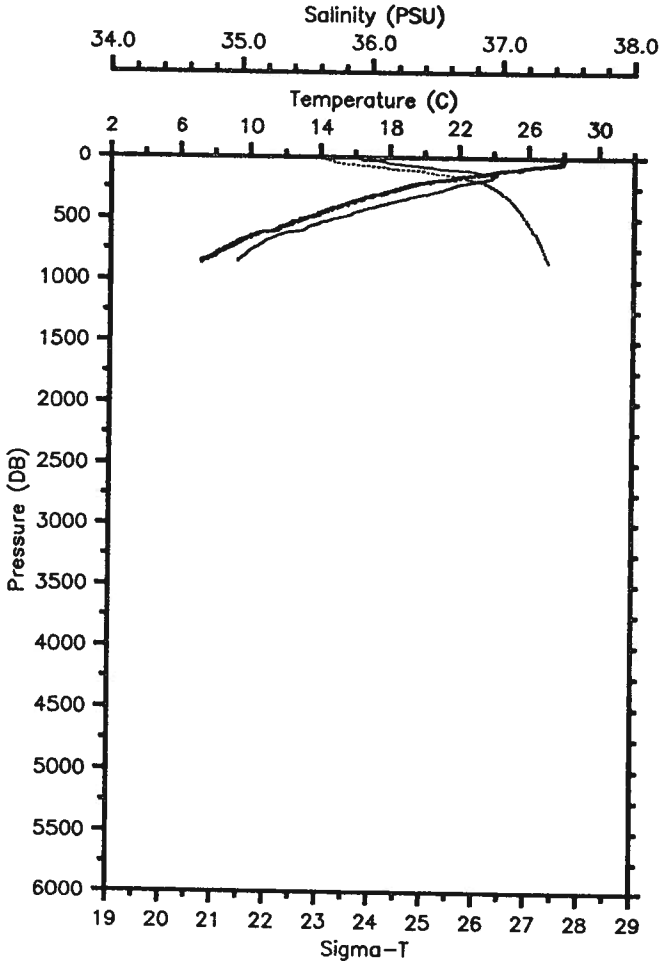

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.04 | 36.040 | 23.18 |
| 10 | 28.05 | 36.037 | 23.18 |
| 20 | 27.93 | 36.138 | 23.29 |
| 30 | 27.88 | 36.137 | 23.31 |
| 40 | 27.70 | 36.192 | 23.41 |
| 50 | 27.40 | 36.264 | 23.56 |
| 60 | 26.60 | 36.360 | 23.89 |
| 70 | 25.94 | 36.493 | 24.20 |
| 80 | 25.56 | 36.562 | 24.37 |
| 90 | 25.17 | 36.617 | 24.53 |
| 100 | 24.97 | 36.669 | 24.63 |
| 110 | 24.26 | 36.731 | 24.89 |
| 120 | 23.79 | 36.730 | 25.03 |
| 130 | 23.54 | 36.797 | 25.16 |
| 140 | 22.97 | 36.766 | 25.30 |
| 150 | 22.63 | 36.756 | 25.39 |
| 160 | 21.95 | 36.771 | 25.60 |
| 170 | 21.54 | 36.763 | 25.70 |
| 180 | 20.97 | 36.730 | 25.84 |
| 190 | 20.43 | 36.713 | 25.97 |
| 200 | 19.97 | 36.669 | 26.06 |
| 250 | 18.70 | 36.613 | 26.35 |
| 300 | 17.86 | 36.461 | 26.49 |
| 350 | 16.86 | 36.339 | 26.59 |
| 400 | 15.79 | 36.141 | 26.69 |
| 450 | 14.59 | 35.955 | 26.82 |
| 500 | 13.56 | 35.791 | 26.91 |
| 550 | 12.47 | 35.618 | 27.00 |
| 600 | 11.34 | 35.449 | 27.08 |
| 650 | 10.34 | 35.308 | 27.15 |
| 700 | 9.39 | 35.184 | 27.22 |
| 750 | 8.38 | 35.064 | 27.29 |
| 800 | 7.60 | 34.994 | 27.35 |
| 850 | 7.24 | 34.969 | 27.38 |
| 900 | 6.83 | 34.955 | 27.43 |
| 950 | 6.51 | 34.983 | 27.49 |
| 1000 | 6.18 | 35.003 | 27.55 |
| 1500 | 4.28 | 35.010 | 27.79 |
| 2000 | 3.70 | 34.989 | 27.83 |
| 2072 | 3.67 | 34.988 | 27.83 |

RES-STACS25-86 CTD 59 RESEARCHER
Date 08 02 86 Latitude 18.667 N
Time 0433 Z Longitude 66.128 W



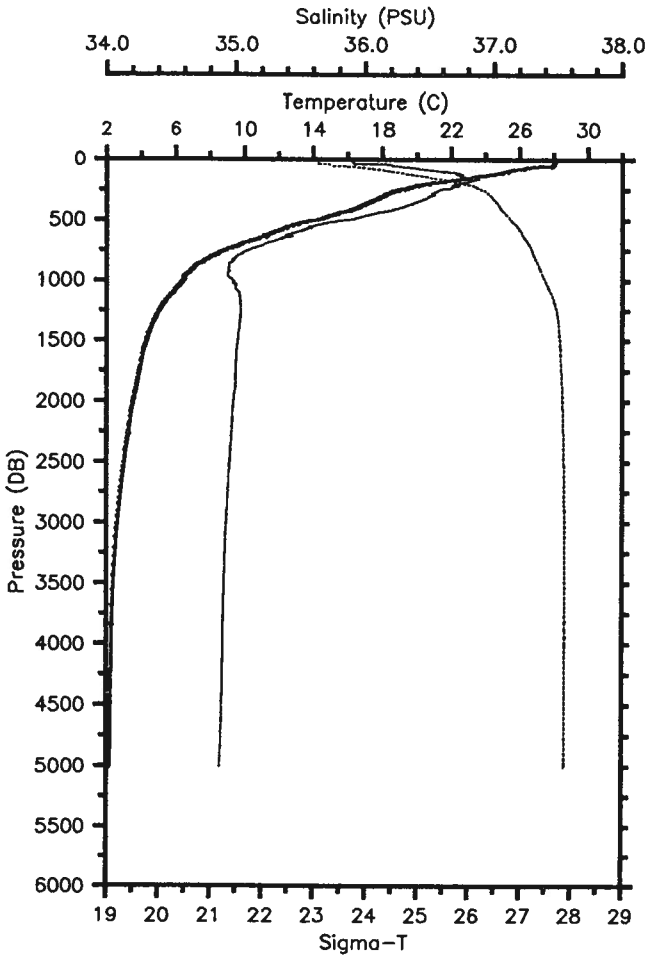

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.01 | 35.940 | 23.12 |
| 10 | 28.02 | 35.941 | 23.12 |
| 20 | 28.02 | 35.940 | 23.12 |
| 30 | 28.00 | 36.060 | 23.21 |
| 40 | 27.95 | 36.118 | 23.27 |
| 50 | 27.77 | 36.153 | 23.36 |
| 60 | 27.44 | 36.209 | 23.51 |
| 70 | 26.58 | 36.361 | 23.90 |
| 80 | 26.06 | 36.445 | 24.12 |
| 90 | 25.76 | 36.480 | 24.25 |
| 100 | 25.21 | 36.608 | 24.51 |
| 110 | 24.80 | 36.661 | 24.68 |
| 120 | 24.24 | 36.723 | 24.89 |
| 130 | 23.70 | 36.748 | 25.07 |
| 140 | 23.17 | 36.792 | 25.26 |
| 150 | 22.74 | 36.877 | 25.45 |
| 160 | 22.53 | 36.964 | 25.58 |
| 170 | 21.93 | 36.954 | 25.74 |
| 180 | 21.10 | 36.837 | 25.88 |
| 190 | 20.84 | 36.857 | 25.97 |
| 200 | 20.22 | 36.785 | 26.08 |
| 250 | 18.58 | 36.583 | 26.36 |
| 300 | 17.38 | 36.417 | 26.53 |
| 350 | 16.66 | 36.299 | 26.61 |
| 400 | 15.31 | 36.049 | 26.73 |
| 450 | 14.25 | 35.894 | 26.84 |
| 500 | 13.56 | 35.787 | 26.91 |
| 550 | 12.43 | 35.606 | 26.99 |
| 600 | 11.39 | 35.453 | 27.08 |
| 650 | 10.50 | 35.332 | 27.14 |
| 700 | 9.62 | 35.208 | 27.20 |
| 750 | 8.43 | 35.067 | 27.28 |
| 800 | 7.84 | 35.011 | 27.33 |
| 850 | 7.22 | 34.969 | 27.38 |
| 900 | 6.73 | 34.960 | 27.45 |
| 950 | 6.48 | 34.971 | 27.49 |
| 1000 | 6.13 | 35.006 | 27.56 |
| 1500 | 4.34 | 35.012 | 27.78 |
| 1502 | 4.34 | 35.013 | 27.78 |

RES-STACS25-86 CTD 60 RESEARCHER
Date 08 02 86 Latitude 18.578 N
Time 0616 Z Longitude 66.123 W



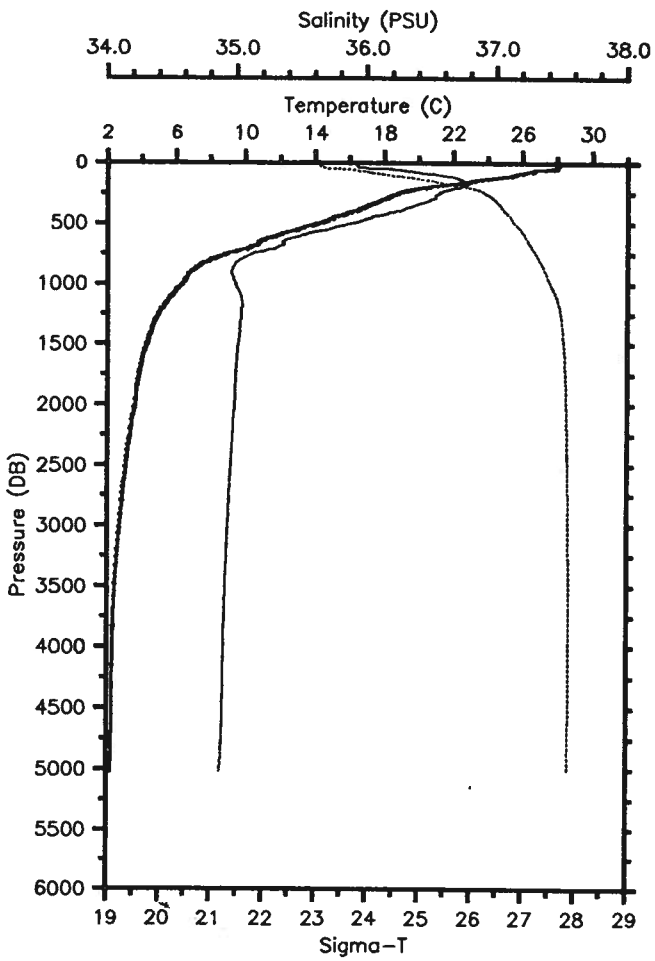

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.98 | 35.922 | 23.12 |
| 10 | 27.98 | 35.918 | 23.11 |
| 20 | 27.99 | 35.916 | 23.11 |
| 30 | 27.99 | 36.018 | 23.18 |
| 40 | 27.91 | 36.100 | 23.27 |
| 50 | 27.72 | 36.159 | 23.38 |
| 60 | 27.37 | 36.227 | 23.54 |
| 70 | 26.49 | 36.331 | 23.90 |
| 80 | 25.85 | 36.443 | 24.19 |
| 90 | 25.61 | 36.497 | 24.30 |
| 100 | 25.06 | 36.580 | 24.54 |
| 110 | 24.31 | 36.764 | 24.90 |
| 120 | 23.99 | 36.813 | 25.04 |
| 130 | 23.59 | 36.870 | 25.20 |
| 140 | 23.32 | 36.957 | 25.34 |
| 150 | 22.56 | 36.911 | 25.53 |
| 160 | 22.07 | 36.929 | 25.68 |
| 170 | 21.75 | 36.922 | 25.77 |
| 180 | 21.30 | 36.867 | 25.85 |
| 190 | 20.72 | 36.836 | 25.99 |
| 200 | 20.27 | 36.781 | 26.06 |
| 250 | 18.67 | 36.589 | 26.34 |
| 300 | 17.50 | 36.429 | 26.51 |
| 350 | 16.19 | 36.211 | 26.65 |
| 400 | 15.10 | 36.034 | 26.76 |
| 450 | 14.10 | 35.873 | 26.86 |
| 500 | 13.24 | 35.735 | 26.93 |
| 550 | 12.30 | 35.578 | 27.00 |
| 600 | 11.51 | 35.479 | 27.07 |
| 650 | 10.07 | 35.268 | 27.17 |
| 700 | 9.26 | 35.169 | 27.23 |
| 750 | 8.60 | 35.092 | 27.27 |
| 800 | 8.02 | 35.033 | 27.32 |
| 850 | 7.24 | 34.971 | 27.38 |
| 854 | 7.23 | 34.973 | 27.39 |

RES-STACS25-86 CTD 61 RESEARCHER
Date 08 02 86 Latitude 20.177 N
Time 1518 Z Longitude 66.123 W



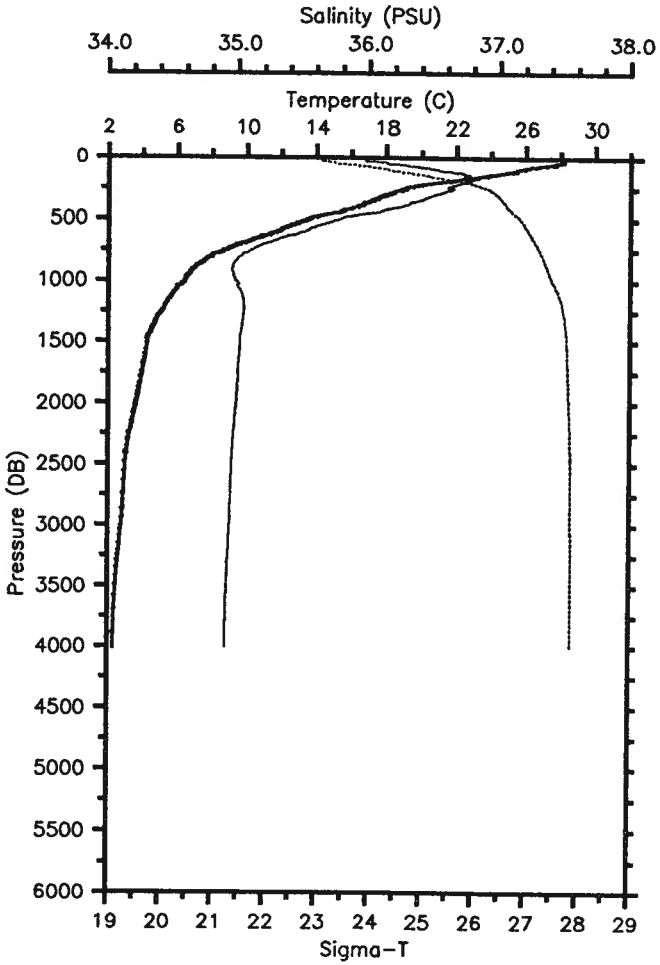

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.03 | 35.877 | 23.07 |
| 10 | 28.02 | 35.896 | 23.08 |
| 20 | 28.02 | 35.899 | 23.09 |
| 30 | 28.02 | 35.905 | 23.09 |
| 40 | 27.97 | 36.156 | 23.29 |
| 50 | 27.95 | 36.206 | 23.34 |
| 60 | 26.81 | 36.290 | 23.77 |
| 70 | 26.31 | 36.392 | 24.01 |
| 80 | 25.73 | 36.440 | 24.23 |
| 90 | 25.46 | 36.519 | 24.37 |
| 100 | 25.12 | 36.602 | 24.53 |
| 110 | 24.88 | 36.715 | 24.69 |
| 120 | 24.54 | 36.753 | 24.83 |
| 130 | 23.93 | 36.740 | 25.00 |
| 140 | 23.45 | 36.767 | 25.16 |
| 150 | 23.21 | 36.801 | 25.26 |
| 160 | 22.63 | 36.866 | 25.48 |
| 170 | 22.08 | 36.849 | 25.62 |
| 180 | 21.62 | 36.811 | 25.72 |
| 190 | 21.09 | 36.767 | 25.83 |
| 200 | 20.70 | 36.736 | 25.91 |
| 250 | 18.95 | 36.579 | 26.26 |
| 300 | 18.10 | 36.527 | 26.43 |
| 350 | 17.32 | 36.409 | 26.54 |
| 400 | 16.53 | 36.272 | 26.62 |
| 450 | 15.32 | 36.055 | 26.73 |
| 500 | 14.19 | 35.864 | 26.83 |
| 550 | 12.71 | 35.608 | 26.94 |
| 600 | 11.75 | 35.483 | 27.03 |
| 650 | 10.89 | 35.357 | 27.09 |
| 700 | 9.84 | 35.230 | 27.18 |
| 750 | 8.91 | 35.106 | 27.24 |
| 800 | 8.09 | 35.008 | 27.29 |
| 850 | 7.50 | 34.971 | 27.34 |
| 900 | 7.06 | 34.947 | 27.39 |
| 950 | 6.65 | 34.939 | 27.44 |
| 1000 | 6.47 | 34.977 | 27.49 |
| 1500 | 4.35 | 35.015 | 27.78 |
| 2000 | 3.57 | 34.982 | 27.84 |
| 2500 | 3.05 | 34.954 | 27.87 |
| 3000 | 2.66 | 34.928 | 27.88 |
| 3500 | 2.42 | 34.912 | 27.89 |
| 4000 | 2.30 | 34.901 | 27.89 |
| 4500 | 2.26 | 34.895 | 27.89 |
| 5000 | 2.21 | 34.877 | 27.88 |
| 5006 | 2.21 | 34.877 | 27.88 |

RES-STACS25-86 CTD 62 RESEARCHER
Date 08 02 86 Latitude 19.837 N
Time 2006 Z Longitude 66.127 W



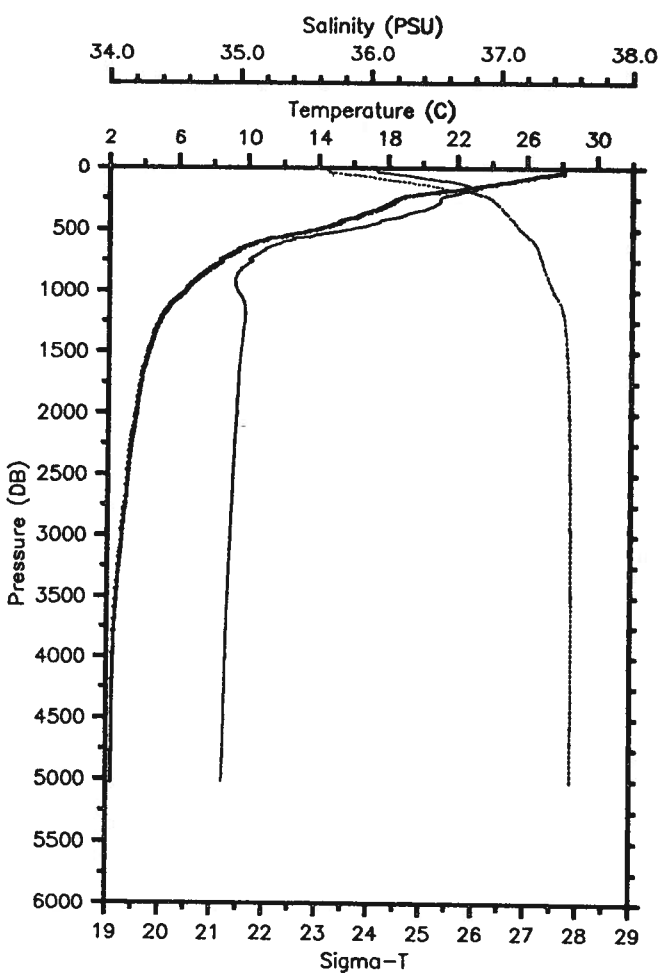

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.12 | 35.926 | 23.07 |
| 10 | 28.10 | 35.924 | 23.08 |
| 20 | 28.04 | 35.922 | 23.10 |
| 30 | 28.03 | 35.924 | 23.10 |
| 40 | 27.98 | 35.989 | 23.17 |
| 50 | 27.54 | 36.194 | 23.46 |
| 60 | 26.70 | 36.262 | 23.79 |
| 70 | 26.56 | 36.323 | 23.87 |
| 80 | 26.14 | 36.408 | 24.07 |
| 90 | 25.78 | 36.464 | 24.23 |
| 100 | 25.52 | 36.561 | 24.38 |
| 110 | 25.14 | 36.626 | 24.55 |
| 120 | 24.56 | 36.676 | 24.76 |
| 130 | 24.07 | 36.702 | 24.93 |
| 140 | 23.50 | 36.735 | 25.12 |
| 150 | 23.05 | 36.749 | 25.26 |
| 160 | 22.68 | 36.800 | 25.41 |
| 170 | 22.27 | 36.791 | 25.52 |
| 180 | 21.60 | 36.750 | 25.68 |
| 190 | 21.03 | 36.737 | 25.83 |
| 200 | 20.62 | 36.719 | 25.92 |
| 250 | 18.83 | 36.571 | 26.28 |
| 300 | 17.99 | 36.505 | 26.44 |
| 350 | 17.12 | 36.380 | 26.56 |
| 400 | 16.28 | 36.232 | 26.65 |
| 450 | 15.09 | 36.038 | 26.77 |
| 500 | 14.23 | 35.888 | 26.84 |
| 550 | 13.04 | 35.708 | 26.95 |
| 600 | 11.83 | 35.500 | 27.03 |
| 650 | 10.86 | 35.357 | 27.10 |
| 700 | 10.29 | 35.318 | 27.17 |
| 750 | 8.91 | 35.112 | 27.24 |
| 800 | 8.03 | 35.026 | 27.31 |
| 850 | 7.35 | 34.981 | 27.37 |
| 900 | 6.86 | 34.959 | 27.43 |
| 950 | 6.62 | 34.974 | 27.47 |
| 1000 | 6.36 | 34.989 | 27.52 |
| 1500 | 4.30 | 35.010 | 27.78 |
| 2000 | 3.62 | 34.983 | 27.83 |
| 2500 | 3.08 | 34.956 | 27.86 |
| 3000 | 2.72 | 34.933 | 27.88 |
| 3500 | 2.45 | 34.915 | 27.89 |
| 4000 | 2.33 | 34.904 | 27.89 |
| 4500 | 2.29 | 34.896 | 27.89 |
| 5000 | 2.20 | 34.877 | 27.88 |
| 5016 | 2.20 | 34.877 | 27.88 |

RES-STACS25-86 CTD 63 RESEARCHER
Date 08 03 86 Latitude 19.583 N
Time 0044 Z Longitude 66.117 W



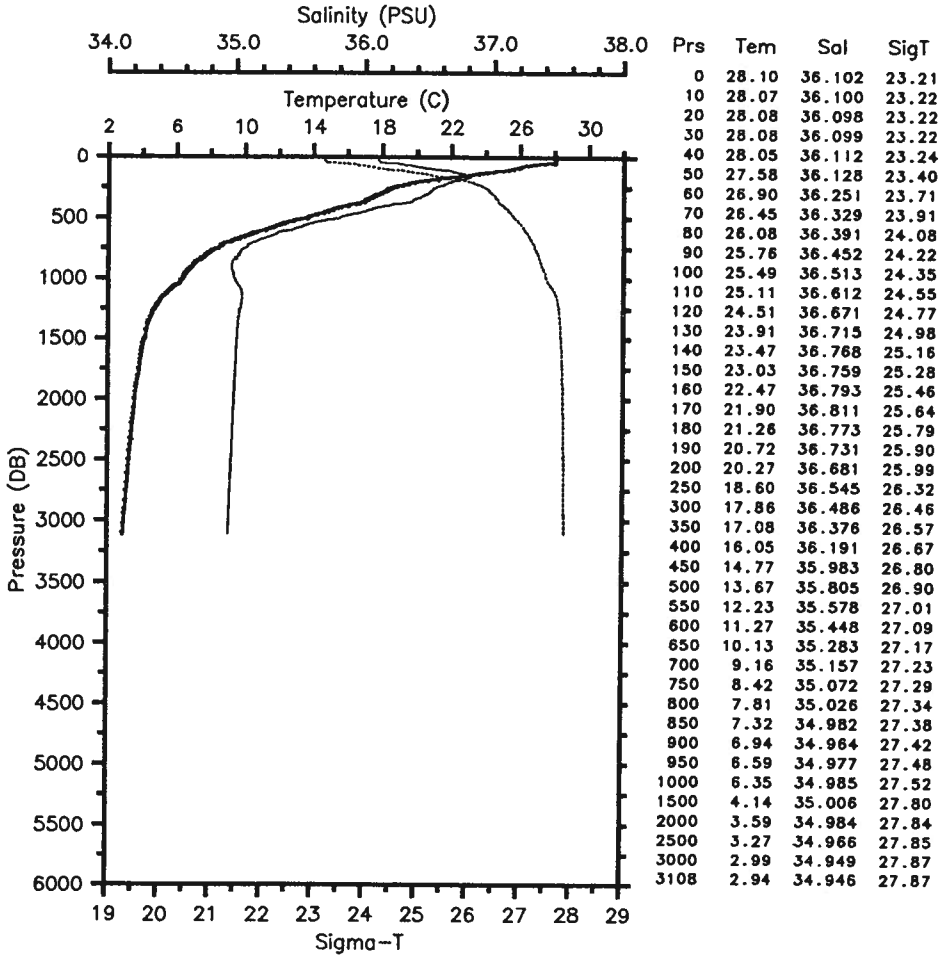

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.16 | 35.974 | 23.09 |
| 10 | 28.16 | 35.973 | 23.09 |
| 20 | 28.17 | 35.974 | 23.09 |
| 30 | 28.09 | 35.970 | 23.11 |
| 40 | 27.77 | 36.121 | 23.33 |
| 50 | 27.69 | 36.142 | 23.37 |
| 60 | 27.04 | 36.251 | 23.67 |
| 70 | 26.51 | 36.324 | 23.89 |
| 80 | 26.08 | 36.417 | 24.10 |
| 90 | 25.73 | 36.473 | 24.25 |
| 100 | 25.49 | 36.528 | 24.37 |
| 110 | 25.27 | 36.582 | 24.47 |
| 120 | 24.82 | 36.653 | 24.67 |
| 130 | 24.39 | 36.717 | 24.84 |
| 140 | 23.88 | 36.764 | 25.03 |
| 150 | 23.49 | 36.755 | 25.14 |
| 160 | 23.09 | 36.729 | 25.24 |
| 170 | 22.69 | 36.830 | 25.43 |
| 180 | 21.99 | 36.785 | 25.59 |
| 190 | 21.67 | 36.767 | 25.67 |
| 200 | 21.07 | 36.740 | 25.82 |
| 250 | 19.16 | 36.648 | 26.26 |
| 300 | 18.02 | 36.512 | 26.44 |
| 350 | 17.19 | 36.386 | 26.55 |
| 400 | 16.38 | 36.250 | 26.64 |
| 450 | 15.14 | 36.040 | 26.76 |
| 500 | 13.57 | 35.786 | 26.90 |
| 550 | 12.56 | 35.627 | 26.98 |
| 600 | 11.80 | 35.520 | 27.05 |
| 650 | 10.78 | 35.367 | 27.12 |
| 700 | 9.68 | 35.217 | 27.20 |
| 750 | 8.82 | 35.113 | 27.25 |
| 800 | 8.00 | 35.030 | 27.32 |
| 850 | 7.41 | 34.974 | 27.36 |
| 900 | 6.94 | 34.956 | 27.41 |
| 950 | 6.66 | 34.963 | 27.46 |
| 1000 | 6.43 | 34.978 | 27.50 |
| 1500 | 4.26 | 35.013 | 27.79 |
| 2000 | 3.65 | 34.986 | 27.83 |
| 2500 | 3.00 | 34.951 | 27.87 |
| 3000 | 2.79 | 34.938 | 27.88 |
| 3500 | 2.46 | 34.916 | 27.89 |
| 4000 | 2.34 | 34.905 | 27.89 |
| 4004 | 2.34 | 34.905 | 27.89 |

RES-STACS25-86 CTD 64 RESEARCHER
Date 08 03 86 Latitude 19.342 N
Time 0448 Z Longitude 66.125 W



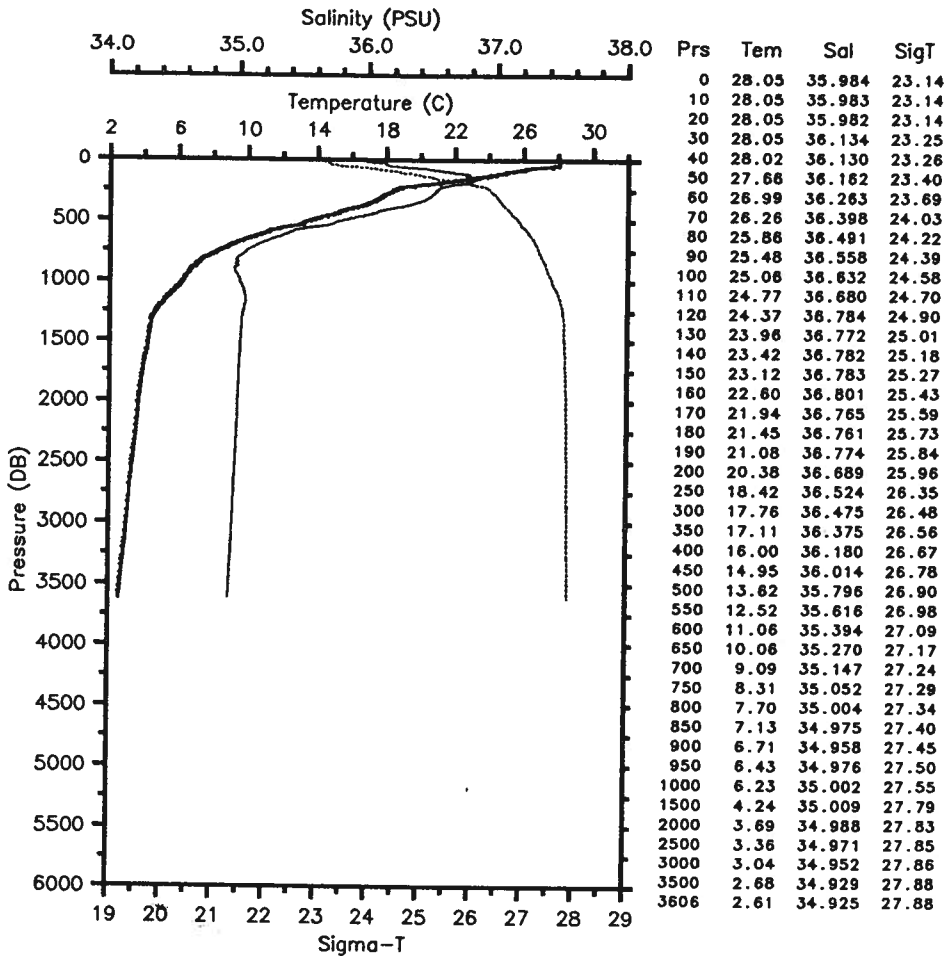

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.09 | 36.050 | 23.18 |
| 10 | 28.09 | 36.049 | 23.17 |
| 20 | 28.09 | 36.049 | 23.17 |
| 30 | 28.10 | 36.050 | 23.17 |
| 40 | 27.98 | 36.087 | 23.24 |
| 50 | 27.85 | 36.154 | 23.40 |
| 60 | 27.01 | 36.249 | 23.67 |
| 70 | 26.48 | 36.335 | 23.91 |
| 80 | 26.15 | 36.388 | 24.05 |
| 90 | 25.83 | 36.440 | 24.19 |
| 100 | 25.39 | 36.522 | 24.39 |
| 110 | 25.09 | 36.617 | 24.56 |
| 120 | 24.58 | 36.662 | 24.74 |
| 130 | 24.25 | 36.703 | 24.88 |
| 140 | 23.78 | 36.738 | 25.04 |
| 150 | 23.35 | 36.769 | 25.19 |
| 160 | 22.72 | 36.738 | 25.35 |
| 170 | 22.44 | 36.749 | 25.44 |
| 180 | 22.10 | 36.815 | 25.59 |
| 190 | 21.20 | 36.711 | 25.76 |
| 200 | 20.63 | 36.710 | 25.91 |
| 250 | 18.64 | 36.533 | 26.30 |
| 300 | 17.99 | 36.505 | 26.45 |
| 350 | 17.07 | 36.360 | 26.56 |
| 400 | 16.21 | 36.222 | 26.66 |
| 450 | 15.13 | 36.043 | 26.76 |
| 500 | 13.89 | 35.838 | 26.87 |
| 550 | 12.20 | 35.568 | 27.01 |
| 600 | 10.60 | 35.344 | 27.13 |
| 650 | 9.66 | 35.220 | 27.20 |
| 700 | 9.09 | 35.149 | 27.24 |
| 750 | 8.39 | 35.072 | 27.29 |
| 800 | 8.00 | 35.039 | 27.32 |
| 850 | 7.53 | 34.991 | 27.36 |
| 900 | 7.09 | 34.969 | 27.40 |
| 950 | 6.69 | 34.968 | 27.46 |
| 1000 | 6.40 | 34.983 | 27.51 |
| 1500 | 4.32 | 35.013 | 27.78 |
| 2000 | 3.63 | 34.985 | 27.83 |
| 2500 | 3.16 | 34.959 | 27.86 |
| 3000 | 2.83 | 34.940 | 27.87 |
| 3500 | 2.54 | 34.920 | 27.88 |
| 4000 | 2.38 | 34.908 | 27.89 |
| 4500 | 2.33 | 34.900 | 27.89 |
| 5000 | 2.29 | 34.888 | 27.88 |
| 5014 | 2.29 | 34.886 | 27.88 |

RES-STACS25-86 CTD 65 RESEARCHER
Date 08 03 86 Latitude 19.168 N
Time 0858 Z Longitude 66.133 W



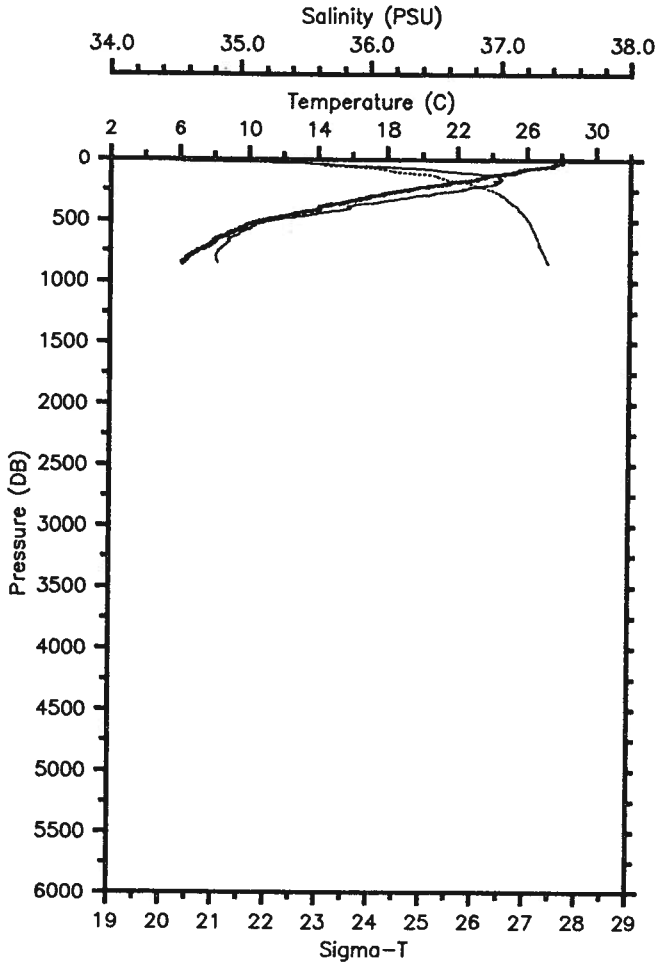

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.10 | 36.102 | 23.21 |
| 10 | 28.07 | 36.100 | 23.22 |
| 20 | 28.08 | 36.098 | 23.22 |
| 30 | 28.08 | 36.099 | 23.22 |
| 40 | 28.05 | 36.112 | 23.24 |
| 50 | 27.58 | 36.128 | 23.40 |
| 60 | 26.90 | 36.251 | 23.71 |
| 70 | 26.45 | 36.329 | 23.91 |
| 80 | 26.08 | 36.391 | 24.08 |
| 90 | 25.76 | 36.452 | 24.22 |
| 100 | 25.49 | 36.513 | 24.35 |
| 110 | 25.11 | 36.612 | 24.55 |
| 120 | 24.51 | 36.671 | 24.77 |
| 130 | 23.91 | 36.715 | 24.98 |
| 140 | 23.47 | 36.768 | 25.16 |
| 150 | 23.03 | 36.759 | 25.28 |
| 160 | 22.47 | 36.793 | 25.46 |
| 170 | 21.90 | 36.811 | 25.64 |
| 180 | 21.26 | 36.773 | 25.79 |
| 190 | 20.72 | 36.731 | 25.90 |
| 200 | 20.27 | 36.681 | 25.99 |
| 250 | 18.60 | 36.545 | 26.32 |
| 300 | 17.86 | 36.486 | 26.46 |
| 350 | 17.08 | 36.376 | 26.57 |
| 400 | 16.05 | 36.191 | 26.67 |
| 450 | 14.77 | 35.983 | 26.80 |
| 500 | 13.67 | 35.805 | 26.90 |
| 550 | 12.23 | 35.578 | 27.01 |
| 600 | 11.27 | 35.448 | 27.09 |
| 650 | 10.13 | 35.283 | 27.17 |
| 700 | 9.16 | 35.157 | 27.23 |
| 750 | 8.42 | 35.072 | 27.29 |
| 800 | 7.81 | 35.026 | 27.34 |
| 850 | 7.32 | 34.982 | 27.38 |
| 900 | 6.94 | 34.964 | 27.42 |
| 950 | 6.59 | 34.977 | 27.48 |
| 1000 | 6.35 | 34.985 | 27.52 |
| 1500 | 4.14 | 35.006 | 27.80 |
| 2000 | 3.59 | 34.984 | 27.84 |
| 2500 | 3.27 | 34.966 | 27.85 |
| 3000 | 2.99 | 34.949 | 27.87 |
| 3108 | 2.94 | 34.946 | 27.87 |

RES-STACS25-86 CTD 66 RESEARCHER
Date 08 03 86 Latitude 18.998 N
Time 1222 Z Longitude 66.120 W



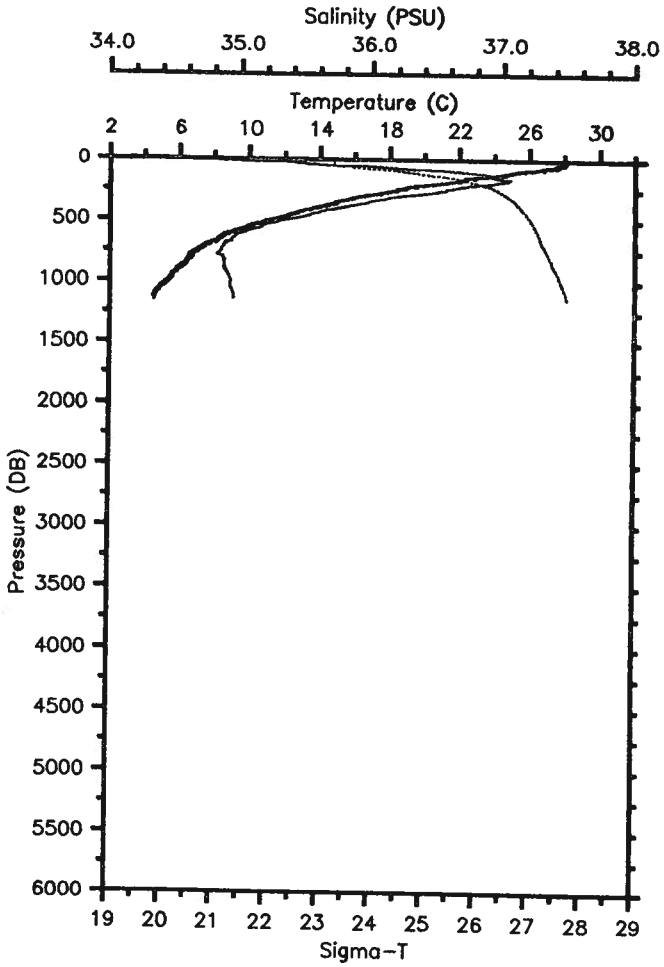

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.05 | 35.984 | 23.14 |
| 10 | 28.05 | 35.983 | 23.14 |
| 20 | 28.05 | 35.982 | 23.14 |
| 30 | 28.05 | 36.134 | 23.25 |
| 40 | 28.02 | 36.130 | 23.26 |
| 50 | 27.66 | 36.162 | 23.40 |
| 60 | 26.99 | 36.263 | 23.69 |
| 70 | 26.26 | 36.398 | 24.03 |
| 80 | 25.86 | 36.491 | 24.22 |
| 90 | 25.48 | 36.558 | 24.39 |
| 100 | 25.06 | 36.632 | 24.58 |
| 110 | 24.77 | 36.680 | 24.70 |
| 120 | 24.37 | 36.784 | 24.90 |
| 130 | 23.96 | 36.772 | 25.01 |
| 140 | 23.42 | 36.782 | 25.18 |
| 150 | 23.12 | 36.783 | 25.27 |
| 160 | 22.60 | 36.801 | 25.43 |
| 170 | 21.94 | 36.765 | 25.59 |
| 180 | 21.45 | 36.761 | 25.73 |
| 190 | 21.08 | 36.774 | 25.84 |
| 200 | 20.38 | 36.689 | 25.96 |
| 250 | 18.42 | 36.524 | 26.35 |
| 300 | 17.76 | 36.475 | 26.48 |
| 350 | 17.11 | 36.375 | 26.56 |
| 400 | 16.00 | 36.180 | 26.67 |
| 450 | 14.95 | 36.014 | 26.78 |
| 500 | 13.62 | 35.796 | 26.90 |
| 550 | 12.52 | 35.616 | 26.98 |
| 600 | 11.06 | 35.394 | 27.09 |
| 650 | 10.06 | 35.270 | 27.17 |
| 700 | 9.09 | 35.147 | 27.24 |
| 750 | 8.31 | 35.052 | 27.29 |
| 800 | 7.70 | 35.004 | 27.34 |
| 850 | 7.13 | 34.975 | 27.40 |
| 900 | 6.71 | 34.958 | 27.45 |
| 950 | 6.43 | 34.976 | 27.50 |
| 1000 | 6.23 | 35.002 | 27.55 |
| 1500 | 4.24 | 35.009 | 27.79 |
| 2000 | 3.69 | 34.988 | 27.83 |
| 2500 | 3.36 | 34.971 | 27.85 |
| 3000 | 3.04 | 34.952 | 27.86 |
| 3500 | 2.68 | 34.929 | 27.88 |
| 3606 | 2.61 | 34.925 | 27.88 |

RES-STACS25-86 CTD 67 RESEARCHER
Date 08 04 86 Latitude 17.168 N
Time 0803 Z Longitude 63.568 W



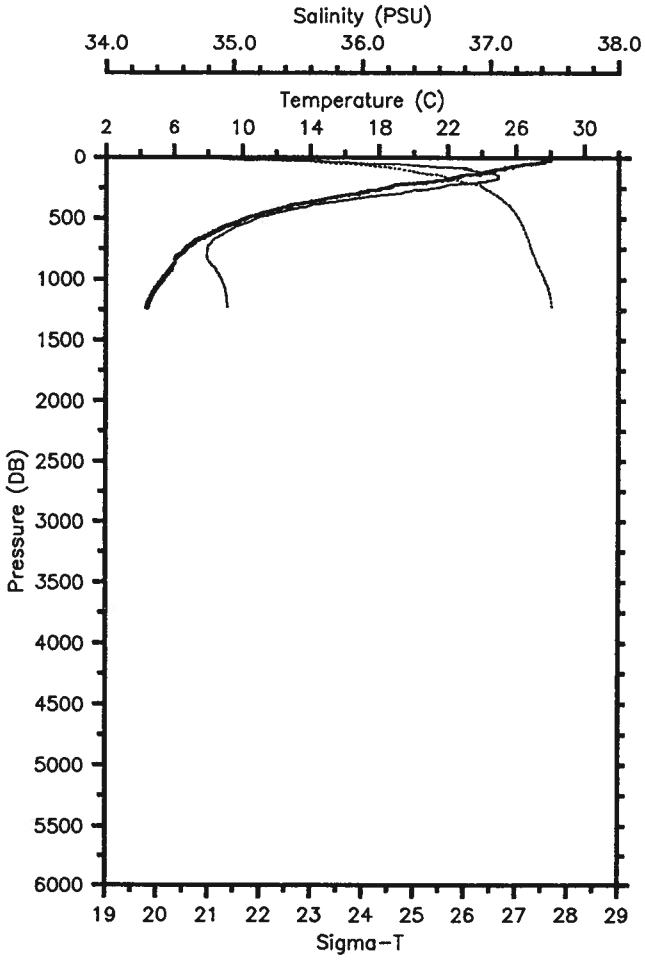

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.06 | 34.493 | 22.01 |
| 10 | 28.06 | 34.492 | 22.02 |
| 20 | 28.07 | 34.497 | 22.02 |
| 30 | 27.82 | 35.496 | 22.85 |
| 40 | 27.59 | 35.672 | 23.05 |
| 50 | 27.52 | 35.762 | 23.15 |
| 60 | 27.02 | 36.081 | 23.55 |
| 70 | 26.24 | 36.326 | 23.98 |
| 80 | 25.74 | 36.449 | 24.23 |
| 90 | 25.54 | 36.522 | 24.35 |
| 100 | 25.34 | 36.613 | 24.48 |
| 110 | 25.05 | 36.706 | 24.64 |
| 120 | 24.47 | 36.858 | 24.93 |
| 130 | 23.87 | 36.966 | 25.19 |
| 140 | 23.61 | 36.987 | 25.28 |
| 150 | 23.41 | 36.992 | 25.34 |
| 160 | 23.17 | 37.003 | 25.42 |
| 170 | 22.79 | 37.001 | 25.53 |
| 180 | 22.18 | 36.981 | 25.69 |
| 190 | 21.62 | 36.980 | 25.85 |
| 200 | 21.32 | 36.945 | 25.90 |
| 250 | 19.19 | 36.709 | 26.30 |
| 300 | 17.09 | 36.356 | 26.55 |
| 350 | 15.57 | 36.074 | 26.69 |
| 400 | 14.12 | 35.847 | 26.83 |
| 450 | 12.60 | 35.576 | 26.94 |
| 500 | 10.83 | 35.253 | 27.02 |
| 550 | 9.81 | 35.110 | 27.09 |
| 600 | 8.95 | 35.012 | 27.16 |
| 650 | 8.14 | 34.918 | 27.21 |
| 700 | 7.81 | 34.891 | 27.24 |
| 750 | 7.03 | 34.827 | 27.30 |
| 800 | 6.49 | 34.812 | 27.36 |
| 850 | 6.16 | 34.826 | 27.42 |
| 852 | 6.16 | 34.826 | 27.42 |

RES-STACS25-86 CTD 68 RESEARCHER
Date 08 04 86 Latitude 16.833 N
Time 1049 Z Longitude 63.553 W



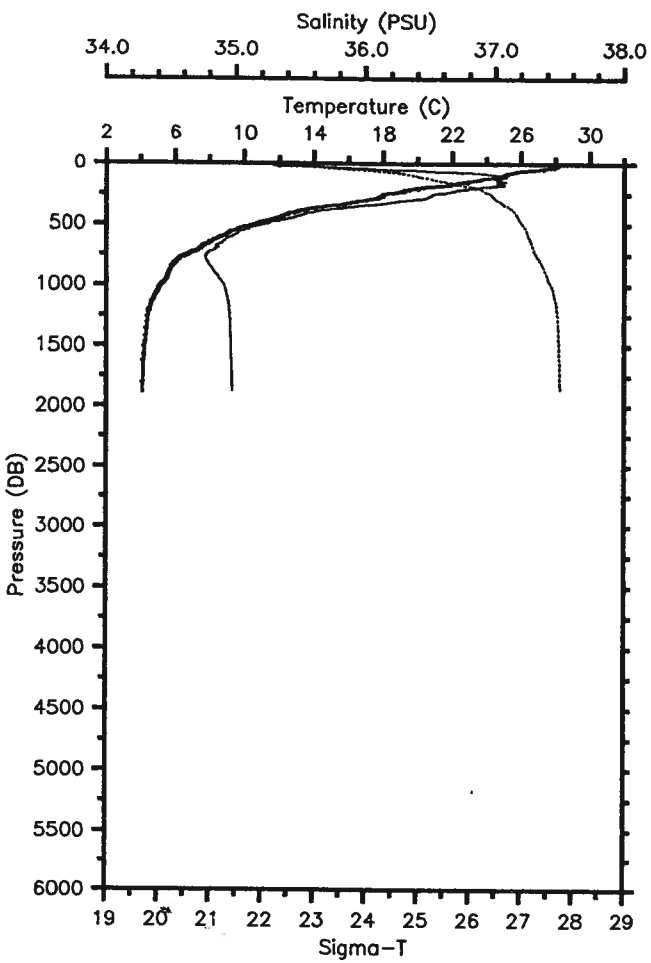

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.95 | 34.850 | 22.32 |
| 10 | 27.96 | 34.849 | 22.32 |
| 20 | 27.96 | 34.848 | 22.31 |
| 30 | 27.95 | 35.406 | 22.74 |
| 40 | 27.66 | 35.489 | 22.89 |
| 50 | 27.59 | 35.664 | 23.05 |
| 60 | 27.16 | 36.030 | 23.46 |
| 70 | 26.77 | 36.136 | 23.67 |
| 80 | 25.97 | 36.365 | 24.09 |
| 90 | 25.46 | 36.572 | 24.41 |
| 100 | 25.11 | 36.698 | 24.61 |
| 110 | 24.80 | 36.806 | 24.79 |
| 120 | 24.35 | 36.907 | 25.00 |
| 130 | 23.91 | 36.963 | 25.17 |
| 140 | 23.22 | 36.993 | 25.40 |
| 150 | 22.38 | 36.925 | 25.59 |
| 160 | 22.30 | 37.051 | 25.71 |
| 170 | 22.01 | 37.034 | 25.78 |
| 180 | 21.53 | 36.992 | 25.88 |
| 190 | 21.01 | 36.922 | 25.97 |
| 200 | 20.49 | 36.855 | 26.06 |
| 250 | 18.40 | 36.567 | 26.39 |
| 300 | 16.53 | 36.229 | 26.59 |
| 350 | 14.95 | 35.967 | 26.75 |
| 400 | 13.64 | 35.744 | 26.86 |
| 450 | 12.37 | 35.537 | 26.95 |
| 500 | 11.19 | 35.320 | 27.01 |
| 550 | 9.99 | 35.158 | 27.10 |
| 600 | 9.08 | 35.040 | 27.16 |
| 650 | 8.33 | 34.943 | 27.20 |
| 700 | 7.62 | 34.878 | 27.26 |
| 750 | 7.04 | 34.847 | 27.31 |
| 800 | 6.67 | 34.859 | 27.37 |
| 850 | 6.39 | 34.870 | 27.42 |
| 900 | 5.94 | 34.880 | 27.49 |
| 950 | 5.59 | 34.905 | 27.55 |
| 1000 | 5.39 | 34.923 | 27.59 |
| 1142 | 4.55 | 34.946 | 27.71 |

RES-STACS25-86 CTD 69 RESEARCHER
Date 08 04 86 Latitude 16.480 N
Time 1615 Z Longitude 63.545 W



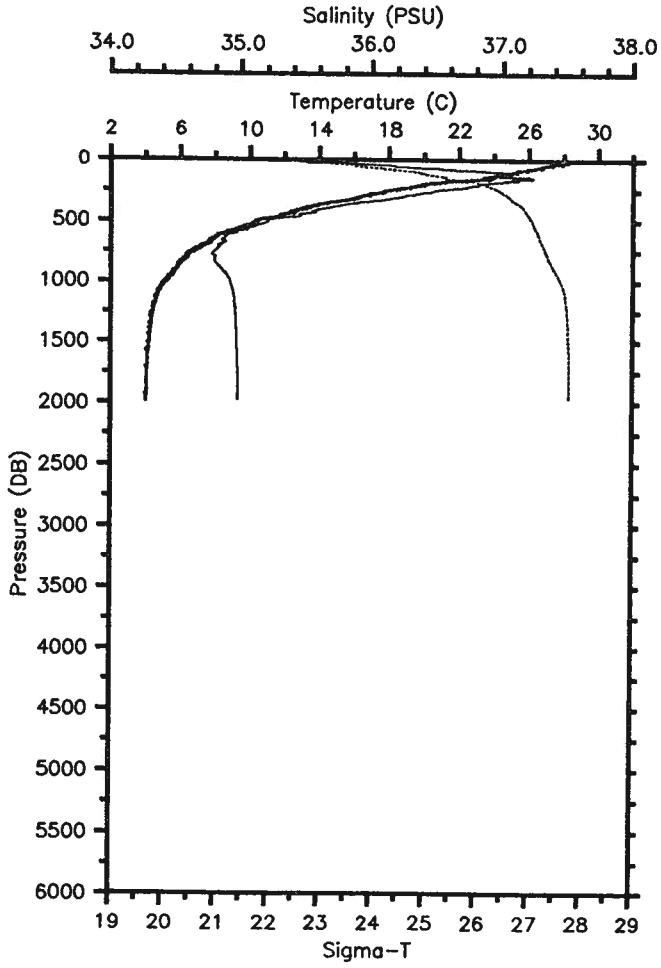

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.00 | 34.945 | 22.36 |
| 10 | 28.00 | 34.944 | 22.35 |
| 20 | 27.96 | 34.965 | 22.38 |
| 30 | 27.69 | 35.607 | 22.95 |
| 40 | 27.49 | 35.790 | 23.16 |
| 50 | 27.03 | 35.985 | 23.45 |
| 60 | 26.35 | 36.336 | 23.93 |
| 70 | 25.90 | 36.497 | 24.20 |
| 80 | 25.55 | 36.605 | 24.39 |
| 90 | 25.39 | 36.829 | 24.61 |
| 100 | 24.83 | 36.822 | 24.77 |
| 110 | 24.62 | 36.863 | 24.87 |
| 120 | 24.27 | 36.927 | 25.02 |
| 130 | 23.94 | 36.985 | 25.16 |
| 140 | 23.57 | 37.043 | 25.32 |
| 150 | 22.86 | 37.066 | 25.54 |
| 160 | 22.58 | 37.064 | 25.62 |
| 170 | 22.28 | 37.064 | 25.71 |
| 180 | 22.09 | 37.055 | 25.75 |
| 190 | 21.60 | 37.004 | 25.85 |
| 200 | 20.96 | 36.905 | 25.96 |
| 250 | 18.38 | 36.576 | 26.39 |
| 300 | 16.64 | 36.269 | 26.58 |
| 350 | 14.66 | 35.897 | 26.74 |
| 400 | 12.86 | 35.599 | 26.89 |
| 450 | 11.51 | 35.381 | 26.98 |
| 500 | 10.21 | 35.183 | 27.06 |
| 550 | 9.34 | 35.070 | 27.12 |
| 600 | 8.58 | 34.975 | 27.17 |
| 650 | 7.85 | 34.892 | 27.21 |
| 700 | 7.20 | 34.829 | 27.26 |
| 750 | 6.74 | 34.799 | 27.30 |
| 800 | 6.38 | 34.791 | 27.34 |
| 850 | 6.07 | 34.800 | 27.39 |
| 900 | 5.92 | 34.848 | 27.44 |
| 950 | 5.66 | 34.879 | 27.50 |
| 1000 | 5.41 | 34.901 | 27.55 |
| 1228 | 4.46 | 34.953 | 27.70 |

RES-STACS25-86 CTD 70 RESEARCHER
Date 08 04 86 Latitude 15.998 N
Time 1956 Z Longitude 63.420 W



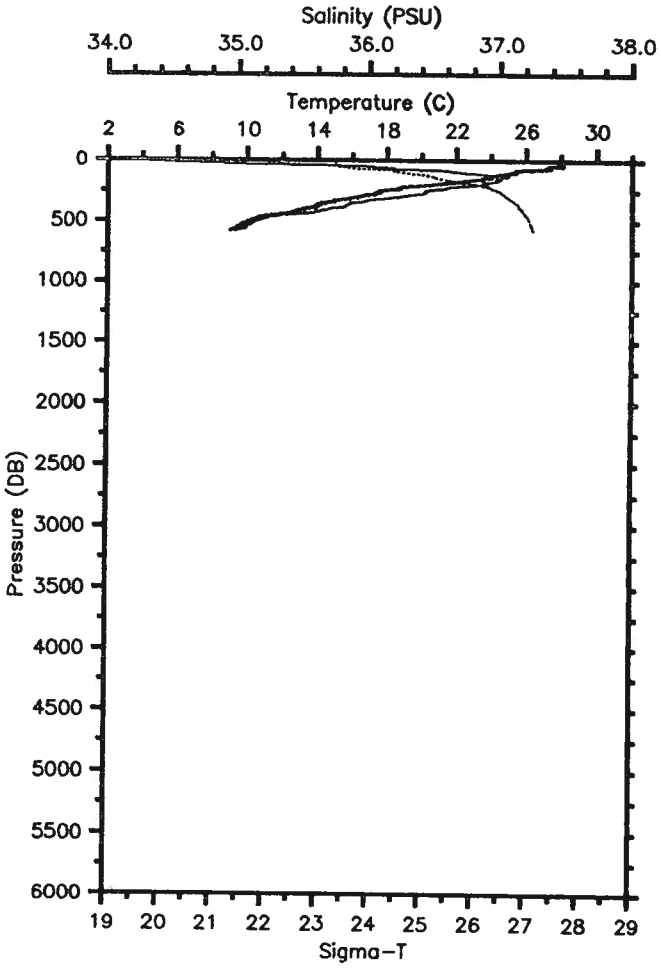

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 10 | 28.11 | 35.280 | 22.57 |
| 20 | 27.97 | 35.298 | 22.63 |
| 30 | 27.76 | 35.593 | 22.92 |
| 40 | 27.34 | 35.864 | 23.26 |
| 50 | 26.91 | 36.139 | 23.61 |
| 60 | 26.05 | 36.427 | 24.10 |
| 70 | 25.71 | 36.623 | 24.35 |
| 80 | 25.24 | 36.874 | 24.69 |
| 90 | 25.08 | 36.955 | 24.80 |
| 100 | 24.89 | 37.052 | 24.93 |
| 110 | 24.64 | 37.080 | 25.03 |
| 120 | 24.13 | 37.002 | 25.12 |
| 130 | 23.66 | 37.038 | 25.29 |
| 140 | 23.35 | 37.013 | 25.36 |
| 150 | 22.92 | 37.052 | 25.52 |
| 160 | 22.35 | 37.044 | 25.67 |
| 170 | 22.03 | 37.020 | 25.75 |
| 180 | 21.72 | 37.061 | 25.87 |
| 190 | 20.80 | 36.937 | 26.03 |
| 200 | 19.95 | 36.812 | 26.16 |
| 250 | 18.14 | 36.525 | 26.41 |
| 300 | 17.11 | 36.357 | 26.53 |
| 350 | 15.00 | 35.972 | 26.72 |
| 400 | 13.03 | 35.622 | 26.87 |
| 450 | 11.93 | 35.445 | 26.95 |
| 500 | 10.60 | 35.231 | 27.03 |
| 550 | 9.48 | 35.072 | 27.10 |
| 600 | 8.72 | 34.971 | 27.14 |
| 650 | 8.02 | 34.899 | 27.19 |
| 700 | 7.53 | 34.862 | 27.24 |
| 750 | 6.75 | 34.785 | 27.28 |
| 800 | 6.13 | 34.772 | 27.36 |
| 850 | 5.80 | 34.804 | 27.42 |
| 900 | 5.64 | 34.836 | 27.47 |
| 950 | 5.49 | 34.872 | 27.52 |
| 1000 | 5.18 | 34.909 | 27.58 |
| 1500 | 4.24 | 34.962 | 27.73 |
| 1874 | 4.10 | 34.972 | 27.75 |

RES-STACS25-86 CTD 71 RESEARCHER
Date 08 04 86 Latitude 15.832 N
Time 2220 Z Longitude 63.550 W



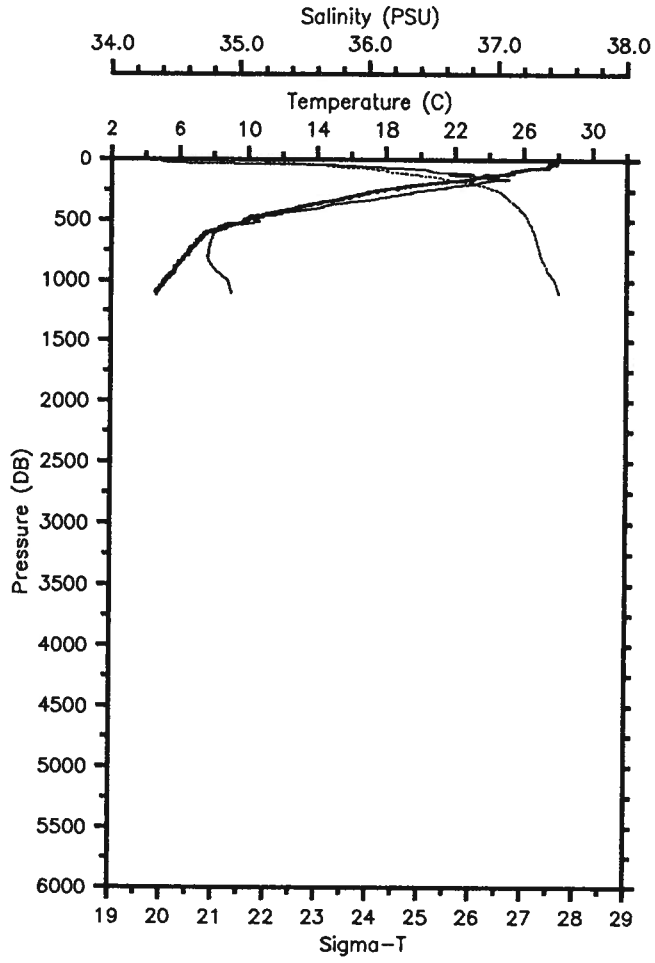

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.19 | 35.312 | 22.59 |
| 10 | 28.20 | 35.300 | 22.58 |
| 20 | 27.96 | 35.489 | 22.80 |
| 30 | 27.51 | 35.804 | 23.18 |
| 40 | 27.22 | 35.988 | 23.41 |
| 50 | 26.83 | 36.174 | 23.68 |
| 60 | 26.59 | 36.224 | 23.79 |
| 70 | 26.07 | 36.395 | 24.08 |
| 80 | 25.79 | 36.617 | 24.34 |
| 90 | 25.40 | 36.807 | 24.60 |
| 100 | 25.11 | 37.024 | 24.86 |
| 110 | 24.91 | 37.070 | 24.95 |
| 120 | 24.37 | 36.971 | 25.04 |
| 130 | 23.91 | 37.003 | 25.20 |
| 140 | 23.70 | 37.205 | 25.42 |
| 150 | 23.75 | 37.235 | 25.43 |
| 160 | 22.74 | 37.080 | 25.61 |
| 170 | 21.83 | 37.010 | 25.81 |
| 180 | 21.08 | 36.951 | 25.97 |
| 190 | 20.57 | 36.874 | 26.06 |
| 200 | 19.98 | 36.813 | 26.17 |
| 250 | 17.99 | 36.499 | 26.44 |
| 300 | 16.43 | 36.247 | 26.62 |
| 350 | 14.57 | 35.902 | 26.78 |
| 400 | 13.05 | 35.642 | 26.90 |
| 450 | 11.85 | 35.443 | 26.98 |
| 500 | 10.39 | 35.204 | 27.06 |
| 550 | 9.69 | 35.102 | 27.10 |
| 600 | 8.62 | 34.967 | 27.17 |
| 650 | 7.89 | 34.867 | 27.21 |
| 700 | 7.34 | 34.836 | 27.26 |
| 750 | 6.77 | 34.802 | 27.32 |
| 800 | 6.39 | 34.799 | 27.36 |
| 850 | 6.00 | 34.804 | 27.42 |
| 900 | 5.75 | 34.849 | 27.49 |
| 950 | 5.51 | 34.890 | 27.55 |
| 1000 | 5.18 | 34.911 | 27.60 |
| 1500 | 4.22 | 34.965 | 27.76 |
| 1976 | 4.07 | 34.975 | 27.78 |

RES-STACS25-86 CTD 72 RESEARCHER
Date 08 05 86 Latitude 15.497 N
Time 0104 Z Longitude 63.553 W



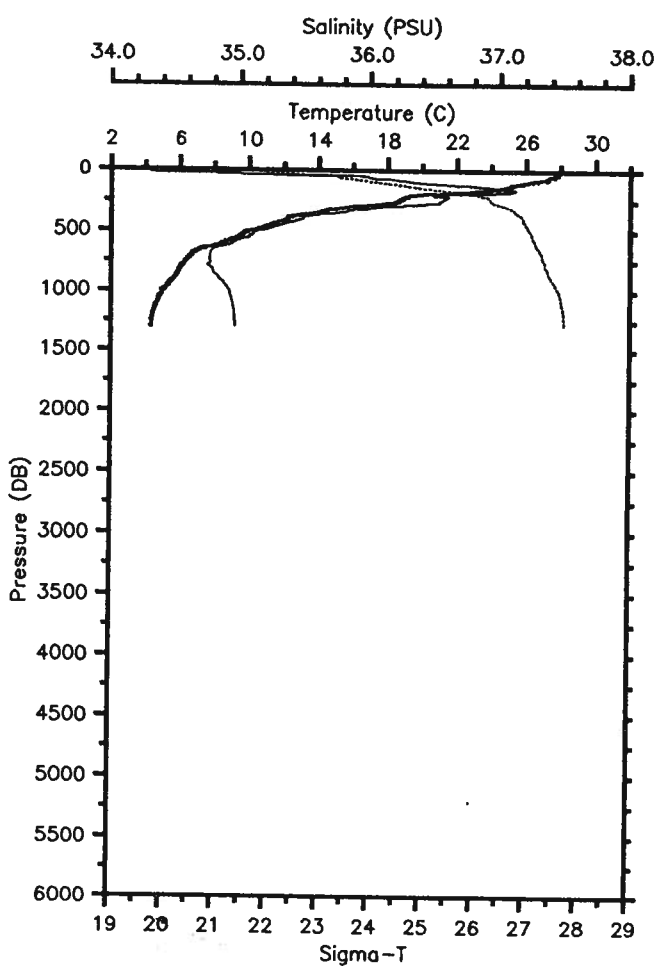

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.94 | 34.436 | 22.01 |
| 10 | 27.95 | 34.436 | 22.01 |
| 20 | 27.93 | 34.478 | 22.04 |
| 30 | 27.97 | 34.857 | 22.32 |
| 40 | 28.03 | 35.232 | 22.58 |
| 50 | 27.35 | 35.951 | 23.34 |
| 60 | 27.29 | 36.077 | 23.46 |
| 70 | 26.84 | 36.199 | 23.69 |
| 80 | 25.56 | 36.495 | 24.32 |
| 90 | 25.39 | 36.620 | 24.46 |
| 100 | 25.15 | 36.707 | 24.61 |
| 110 | 24.72 | 36.841 | 24.84 |
| 120 | 24.15 | 36.915 | 25.06 |
| 130 | 24.00 | 37.037 | 25.20 |
| 140 | 23.71 | 37.004 | 25.27 |
| 150 | 23.53 | 37.004 | 25.32 |
| 160 | 22.81 | 36.992 | 25.52 |
| 170 | 22.41 | 36.987 | 25.63 |
| 180 | 21.58 | 36.891 | 25.79 |
| 190 | 21.08 | 36.902 | 25.94 |
| 200 | 20.40 | 36.810 | 26.05 |
| 250 | 17.62 | 36.434 | 26.48 |
| 300 | 16.33 | 36.223 | 26.63 |
| 350 | 14.44 | 35.891 | 26.80 |
| 400 | 13.22 | 35.696 | 26.91 |
| 450 | 11.59 | 35.371 | 26.97 |
| 500 | 10.15 | 35.143 | 27.06 |
| 550 | 9.47 | 35.058 | 27.11 |
| 574 | 9.10 | 35.009 | 27.13 |

RES-STACS25-86 CTD 73 RESEARCHER
Date 08 05 86 Latitude 15.343 N
Time 0252 Z Longitude 63.560 W



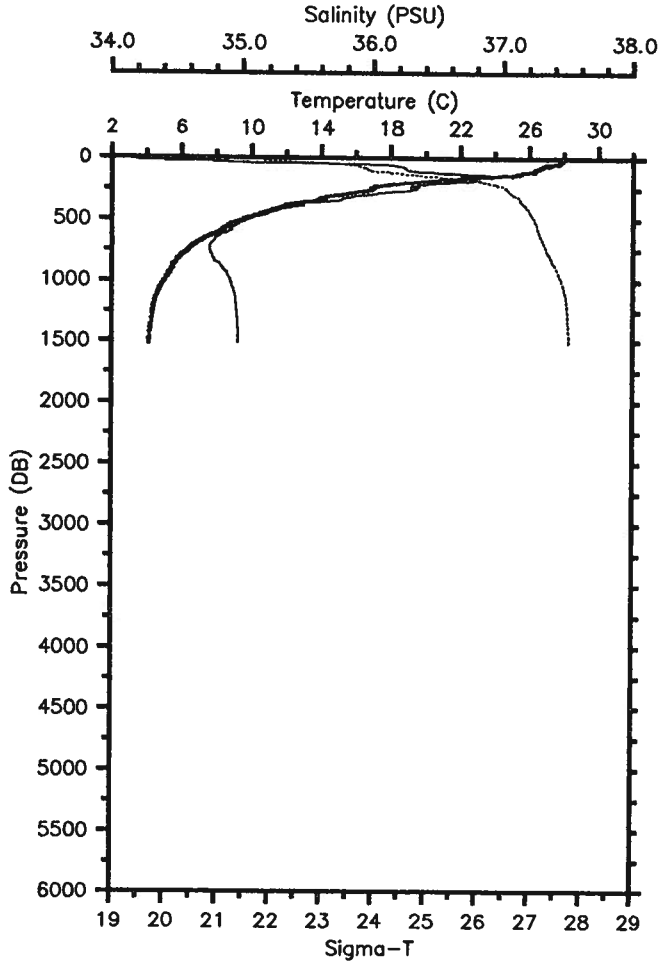

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.92 | 34.391 | 21.98 |
| 10 | 27.92 | 34.388 | 21.98 |
| 20 | 27.92 | 34.390 | 21.98 |
| 30 | 27.82 | 34.550 | 22.14 |
| 40 | 27.59 | 35.413 | 22.86 |
| 50 | 27.47 | 35.745 | 23.15 |
| 60 | 27.42 | 36.059 | 23.40 |
| 70 | 26.67 | 36.179 | 23.73 |
| 80 | 25.97 | 36.423 | 24.14 |
| 90 | 25.45 | 36.459 | 24.32 |
| 100 | 25.37 | 36.506 | 24.39 |
| 110 | 25.07 | 36.729 | 24.65 |
| 120 | 24.44 | 36.658 | 24.78 |
| 130 | 23.76 | 36.679 | 25.00 |
| 140 | 23.73 | 36.909 | 25.19 |
| 150 | 23.01 | 36.920 | 25.41 |
| 160 | 22.99 | 37.087 | 25.54 |
| 170 | 22.33 | 36.954 | 25.63 |
| 180 | 21.50 | 36.894 | 25.81 |
| 190 | 20.83 | 36.843 | 25.96 |
| 200 | 20.33 | 36.811 | 26.07 |
| 250 | 17.58 | 36.435 | 26.49 |
| 300 | 16.01 | 36.170 | 26.66 |
| 350 | 14.29 | 35.853 | 26.80 |
| 400 | 12.83 | 35.616 | 26.92 |
| 450 | 11.10 | 35.329 | 27.03 |
| 500 | 9.79 | 35.105 | 27.09 |
| 550 | 8.59 | 34.941 | 27.16 |
| 600 | 7.61 | 34.814 | 27.21 |
| 650 | 7.24 | 34.792 | 27.24 |
| 700 | 6.91 | 34.771 | 27.27 |
| 750 | 6.61 | 34.760 | 27.30 |
| 800 | 6.30 | 34.748 | 27.34 |
| 850 | 5.98 | 34.768 | 27.39 |
| 900 | 5.75 | 34.801 | 27.45 |
| 950 | 5.48 | 34.858 | 27.53 |
| 1000 | 5.17 | 34.908 | 27.60 |
| 1106 | 4.67 | 34.937 | 27.68 |

RES-STACS25-86 CTD 74 RESEARCHER
Date 08 05 86 Latitude 15.032 N
Time 0807 Z Longitude 63.522 W



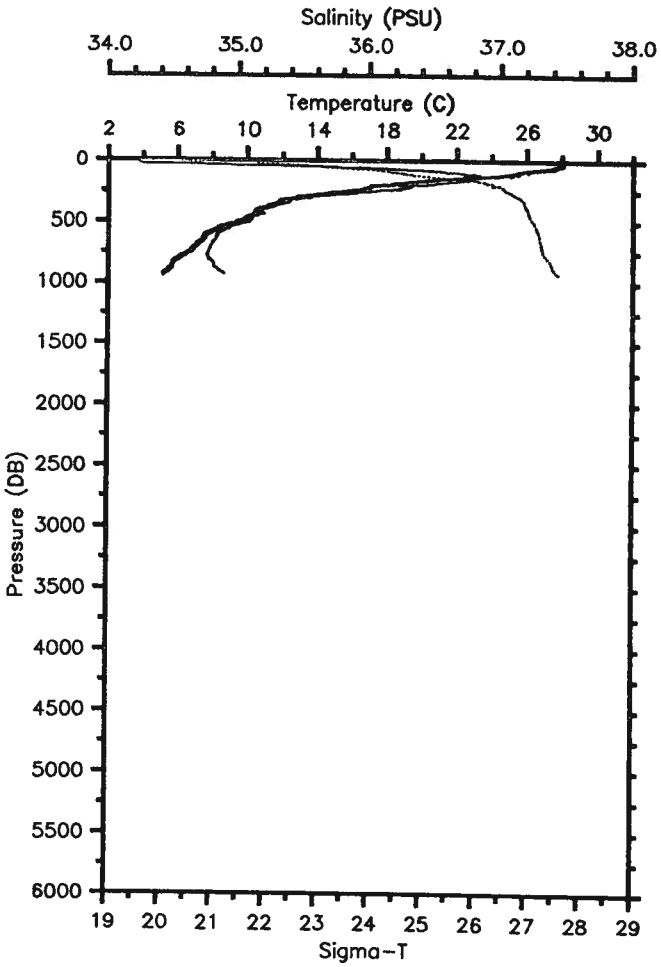

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.82 | 34.300 | 21.95 |
| 10 | 27.83 | 34.299 | 21.95 |
| 20 | 27.82 | 34.300 | 21.95 |
| 30 | 27.78 | 34.755 | 22.30 |
| 40 | 27.62 | 35.218 | 22.70 |
| 50 | 27.31 | 35.980 | 23.38 |
| 60 | 27.30 | 35.983 | 23.38 |
| 70 | 27.08 | 36.096 | 23.54 |
| 80 | 26.64 | 36.205 | 23.76 |
| 90 | 26.19 | 36.306 | 23.98 |
| 100 | 25.88 | 36.381 | 24.13 |
| 110 | 25.45 | 36.528 | 24.38 |
| 120 | 25.16 | 36.670 | 24.58 |
| 130 | 25.05 | 36.851 | 24.75 |
| 140 | 24.74 | 36.935 | 24.90 |
| 150 | 24.18 | 37.018 | 25.14 |
| 160 | 23.60 | 37.117 | 25.38 |
| 170 | 22.79 | 37.096 | 25.60 |
| 180 | 22.07 | 37.030 | 25.76 |
| 190 | 20.30 | 36.617 | 25.93 |
| 200 | 19.45 | 36.505 | 26.07 |
| 250 | 18.61 | 36.547 | 26.32 |
| 300 | 15.83 | 36.100 | 26.65 |
| 350 | 13.94 | 35.762 | 26.81 |
| 400 | 12.21 | 35.483 | 26.94 |
| 450 | 11.28 | 35.328 | 27.00 |
| 500 | 10.03 | 35.139 | 27.08 |
| 550 | 9.43 | 35.069 | 27.12 |
| 600 | 8.55 | 34.945 | 27.17 |
| 650 | 7.22 | 34.801 | 27.25 |
| 700 | 6.71 | 34.767 | 27.30 |
| 750 | 6.35 | 34.762 | 27.34 |
| 800 | 6.07 | 34.757 | 27.37 |
| 850 | 5.89 | 34.790 | 27.42 |
| 900 | 5.65 | 34.833 | 27.49 |
| 950 | 5.33 | 34.877 | 27.56 |
| 1000 | 4.95 | 34.915 | 27.64 |
| 1302 | 4.34 | 34.957 | 27.74 |

RES-STACS25-86 CTD 75 RESEARCHER
Date 08 05 86 Latitude 14.683 N
Time 1511 Z Longitude 63.567 W



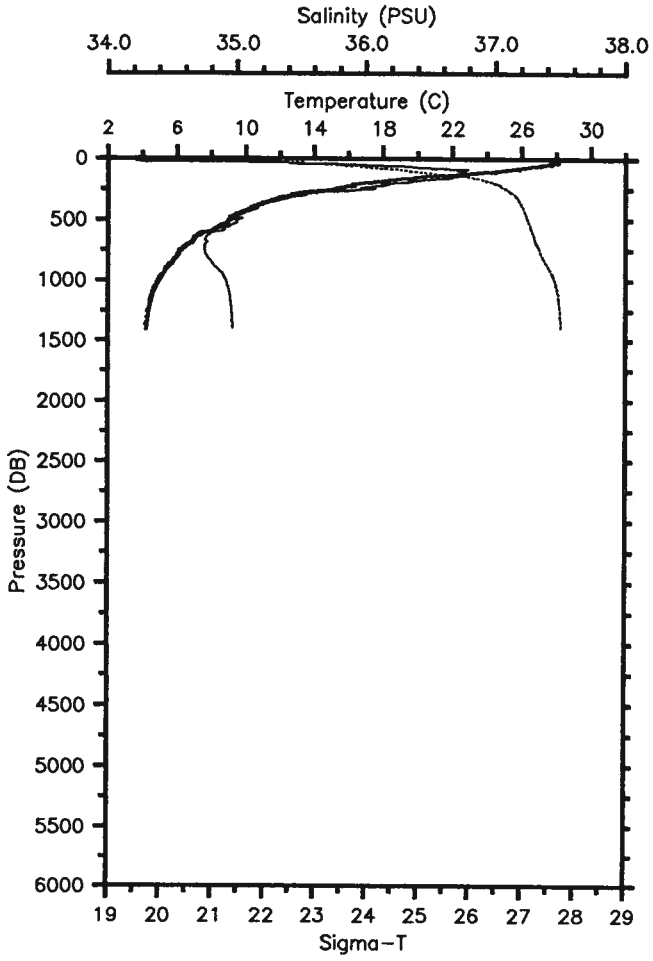

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.02 | 35.250 | 22.92 |
| 10 | 27.92 | 34.185 | 21.83 |
| 20 | 27.89 | 34.185 | 21.84 |
| 30 | 27.81 | 34.734 | 22.28 |
| 40 | 27.71 | 35.006 | 22.52 |
| 50 | 26.97 | 35.855 | 23.39 |
| 60 | 27.05 | 36.128 | 23.57 |
| 70 | 26.71 | 36.197 | 23.73 |
| 80 | 26.54 | 36.246 | 23.82 |
| 90 | 26.35 | 36.250 | 23.89 |
| 100 | 26.32 | 36.266 | 23.91 |
| 110 | 25.98 | 36.346 | 24.08 |
| 120 | 25.50 | 36.497 | 24.34 |
| 130 | 25.26 | 36.745 | 24.60 |
| 140 | 24.75 | 36.892 | 24.87 |
| 150 | 23.22 | 36.720 | 25.19 |
| 160 | 22.10 | 36.742 | 25.53 |
| 170 | 21.52 | 36.743 | 25.69 |
| 180 | 20.68 | 36.791 | 25.96 |
| 190 | 19.97 | 36.688 | 26.08 |
| 200 | 19.09 | 36.530 | 26.18 |
| 250 | 16.92 | 36.315 | 26.56 |
| 300 | 15.24 | 35.989 | 26.70 |
| 350 | 13.74 | 35.728 | 26.82 |
| 400 | 11.76 | 35.378 | 26.95 |
| 450 | 10.53 | 35.177 | 27.02 |
| 500 | 9.57 | 35.058 | 27.09 |
| 550 | 8.70 | 34.945 | 27.14 |
| 600 | 8.28 | 34.906 | 27.18 |
| 650 | 7.45 | 34.804 | 27.22 |
| 700 | 6.83 | 34.762 | 27.28 |
| 750 | 6.41 | 34.749 | 27.32 |
| 800 | 5.98 | 34.765 | 27.39 |
| 850 | 5.70 | 34.790 | 27.45 |
| 900 | 5.47 | 34.847 | 27.52 |
| 950 | 5.27 | 34.879 | 27.57 |
| 1000 | 5.05 | 34.904 | 27.61 |
| 1500 | 4.17 | 34.967 | 27.76 |
| 1514 | 4.17 | 34.966 | 27.76 |

RES-STACS25-86 CTD 76 RESEARCHER
Date 08 05 86 Latitude 14.340 N
Time 1800 Z Longitude 63.565 W



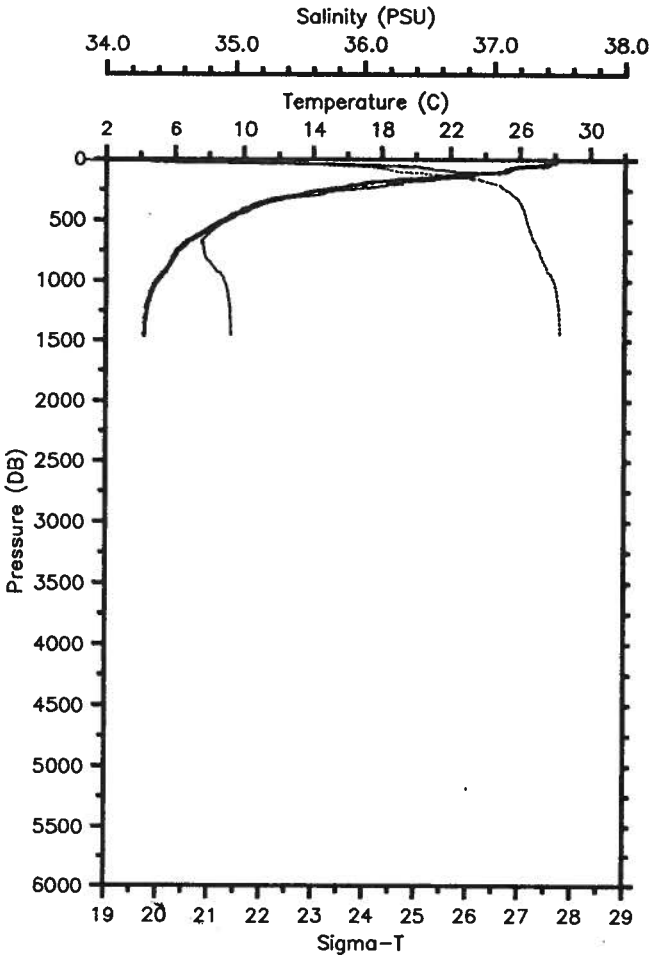

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.99 | 34.243 | 21.85 |
| 10 | 27.98 | 34.241 | 21.85 |
| 20 | 27.98 | 34.239 | 21.85 |
| 30 | 27.92 | 34.242 | 21.87 |
| 40 | 27.75 | 34.872 | 22.40 |
| 50 | 27.57 | 35.607 | 23.01 |
| 60 | 27.32 | 35.885 | 23.30 |
| 70 | 26.47 | 36.253 | 23.85 |
| 80 | 25.99 | 36.485 | 24.18 |
| 90 | 25.55 | 36.569 | 24.38 |
| 100 | 25.42 | 36.734 | 24.54 |
| 110 | 25.11 | 36.827 | 24.71 |
| 120 | 24.37 | 36.730 | 24.86 |
| 130 | 23.29 | 36.767 | 25.21 |
| 140 | 22.30 | 36.764 | 25.49 |
| 150 | 21.10 | 36.743 | 25.81 |
| 160 | 20.36 | 36.749 | 26.02 |
| 170 | 19.79 | 36.674 | 26.11 |
| 180 | 19.11 | 36.563 | 26.21 |
| 190 | 18.42 | 36.505 | 26.34 |
| 200 | 18.02 | 36.420 | 26.37 |
| 250 | 15.75 | 36.049 | 26.63 |
| 300 | 12.90 | 35.551 | 26.86 |
| 350 | 11.74 | 35.365 | 26.94 |
| 400 | 10.65 | 35.187 | 27.00 |
| 450 | 10.29 | 35.158 | 27.04 |
| 500 | 9.48 | 35.070 | 27.11 |
| 550 | 8.40 | 34.931 | 27.18 |
| 600 | 7.65 | 34.842 | 27.22 |
| 650 | 7.45 | 34.823 | 27.24 |
| 700 | 7.00 | 34.782 | 27.27 |
| 750 | 6.68 | 34.765 | 27.30 |
| 800 | 6.07 | 34.765 | 27.38 |
| 850 | 5.68 | 34.807 | 27.46 |
| 900 | 5.47 | 34.844 | 27.52 |
| 928 | 5.16 | 34.889 | 27.59 |

RES-STACS25-86 CTD 77 RESEARCHER
Date 08 05 86 Latitude 14.163 N
Time 2102 Z Longitude 63.513 W



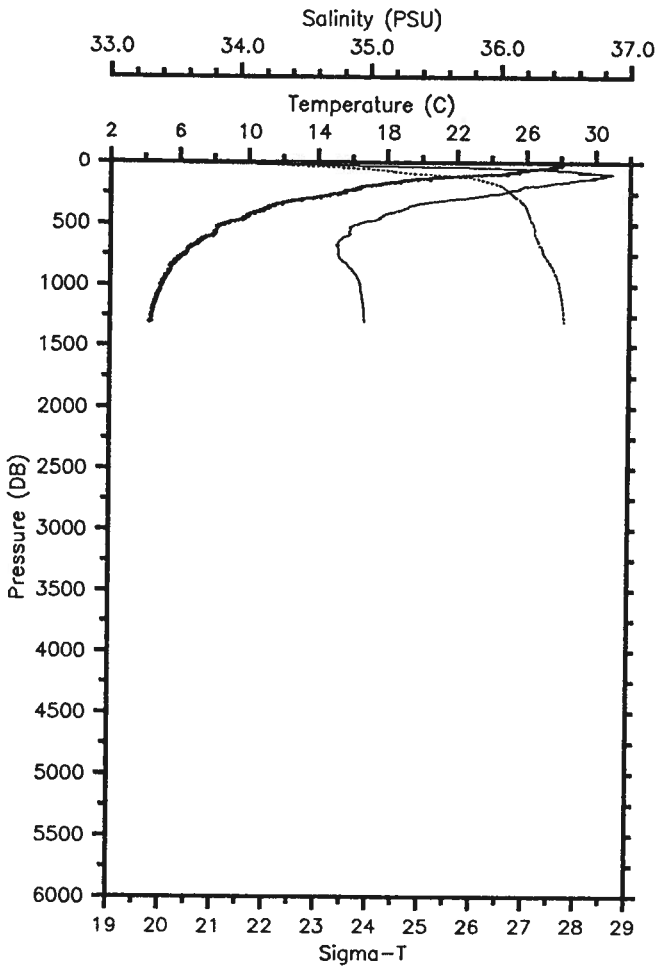

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.86 | 34.223 | 21.88 |
| 10 | 27.86 | 34.219 | 21.88 |
| 20 | 27.86 | 34.221 | 21.88 |
| 30 | 28.07 | 35.050 | 22.43 |
| 40 | 27.71 | 35.444 | 22.85 |
| 50 | 27.15 | 35.992 | 23.44 |
| 60 | 26.81 | 36.204 | 23.71 |
| 70 | 26.13 | 36.399 | 24.07 |
| 80 | 25.70 | 36.605 | 24.36 |
| 90 | 25.14 | 36.783 | 24.67 |
| 100 | 24.53 | 36.733 | 24.81 |
| 110 | 23.73 | 36.748 | 25.06 |
| 120 | 22.98 | 36.791 | 25.32 |
| 130 | 22.13 | 36.773 | 25.55 |
| 140 | 21.48 | 36.763 | 25.72 |
| 150 | 20.22 | 36.684 | 26.01 |
| 160 | 19.79 | 36.667 | 26.11 |
| 170 | 18.83 | 36.507 | 26.23 |
| 180 | 18.30 | 36.421 | 26.30 |
| 190 | 17.58 | 36.322 | 26.40 |
| 200 | 17.22 | 36.279 | 26.46 |
| 250 | 15.48 | 36.053 | 26.69 |
| 300 | 12.70 | 35.536 | 26.89 |
| 350 | 11.43 | 35.310 | 26.98 |
| 400 | 10.31 | 35.140 | 27.03 |
| 450 | 9.59 | 35.047 | 27.08 |
| 500 | 9.16 | 35.015 | 27.12 |
| 550 | 8.58 | 34.948 | 27.16 |
| 600 | 7.90 | 34.861 | 27.20 |
| 650 | 7.03 | 34.757 | 27.24 |
| 700 | 6.74 | 34.754 | 27.28 |
| 750 | 6.26 | 34.748 | 27.34 |
| 800 | 6.02 | 34.765 | 27.39 |
| 850 | 5.76 | 34.800 | 27.45 |
| 900 | 5.39 | 34.846 | 27.53 |
| 950 | 5.17 | 34.890 | 27.59 |
| 1000 | 4.97 | 34.913 | 27.63 |
| 1400 | 4.23 | 34.965 | 27.76 |

RES-STACS25-86 CTD 78 RESEARCHER
Date 08 05 86 Latitude 14.000 N
Time 2308 Z Longitude 63.562 W



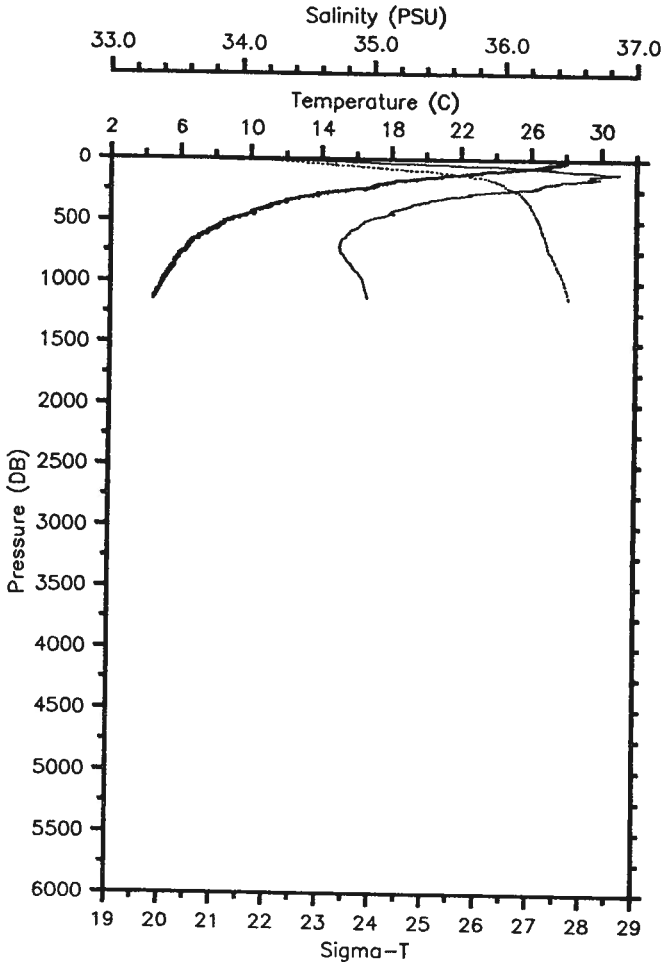

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.03 | 33.829 | 21.53 |
| 10 | 27.98 | 33.923 | 21.61 |
| 20 | 27.93 | 34.325 | 21.93 |
| 30 | 27.69 | 34.817 | 22.38 |
| 40 | 27.56 | 35.764 | 23.13 |
| 50 | 27.15 | 36.087 | 23.51 |
| 60 | 26.05 | 36.377 | 24.08 |
| 70 | 25.52 | 36.482 | 24.31 |
| 80 | 25.31 | 36.518 | 24.41 |
| 90 | 25.27 | 36.627 | 24.51 |
| 100 | 25.02 | 36.703 | 24.64 |
| 110 | 24.38 | 36.865 | 24.96 |
| 120 | 22.89 | 36.787 | 25.34 |
| 130 | 22.19 | 36.784 | 25.54 |
| 140 | 21.32 | 36.805 | 25.80 |
| 150 | 20.78 | 36.741 | 25.90 |
| 160 | 19.76 | 36.586 | 26.05 |
| 170 | 18.81 | 36.541 | 26.26 |
| 180 | 18.29 | 36.436 | 26.32 |
| 190 | 17.41 | 36.252 | 26.39 |
| 200 | 16.86 | 36.242 | 26.52 |
| 250 | 14.81 | 35.894 | 26.72 |
| 300 | 12.89 | 35.571 | 26.87 |
| 350 | 11.10 | 35.275 | 26.99 |
| 400 | 10.23 | 35.150 | 27.05 |
| 450 | 9.47 | 35.036 | 27.09 |
| 500 | 8.89 | 34.955 | 27.12 |
| 550 | 8.21 | 34.870 | 27.16 |
| 600 | 7.63 | 34.806 | 27.20 |
| 650 | 7.07 | 34.756 | 27.24 |
| 700 | 6.59 | 34.750 | 27.30 |
| 750 | 6.15 | 34.755 | 27.36 |
| 800 | 5.95 | 34.769 | 27.40 |
| 850 | 5.75 | 34.809 | 27.45 |
| 900 | 5.54 | 34.842 | 27.51 |
| 950 | 5.25 | 34.889 | 27.58 |
| 1000 | 4.97 | 34.910 | 27.63 |
| 1452 | 4.22 | 34.966 | 27.76 |

RES-STACS25-86 CTD 79 RESEARCHER
Date 08 06 86 Latitude 13.828 N
Time 0119 Z Longitude 63.557 W



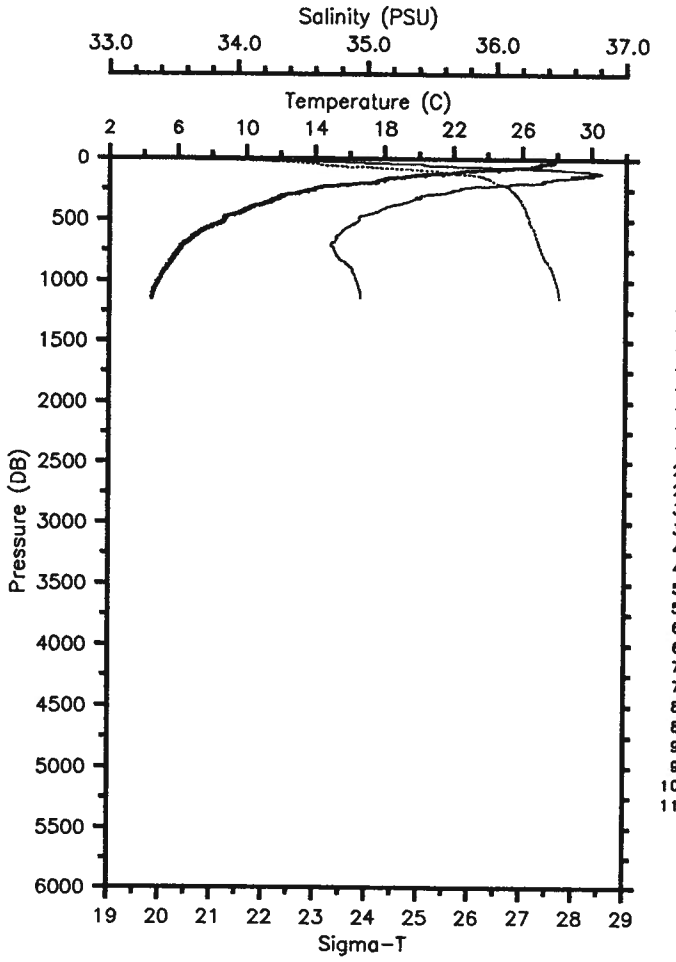

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.85 | 33.552 | 21.38 |
| 10 | 27.85 | 33.535 | 21.37 |
| 20 | 28.01 | 34.016 | 21.67 |
| 30 | 27.73 | 34.870 | 22.41 |
| 40 | 27.40 | 35.720 | 23.15 |
| 50 | 26.83 | 36.176 | 23.68 |
| 60 | 26.12 | 36.407 | 24.08 |
| 70 | 25.55 | 36.566 | 24.38 |
| 80 | 25.28 | 36.619 | 24.50 |
| 90 | 24.90 | 36.797 | 24.75 |
| 100 | 23.51 | 36.839 | 25.20 |
| 110 | 22.22 | 36.802 | 25.54 |
| 120 | 21.14 | 36.698 | 25.76 |
| 130 | 20.45 | 36.729 | 25.98 |
| 140 | 19.54 | 36.608 | 26.13 |
| 150 | 18.95 | 36.540 | 26.23 |
| 160 | 18.68 | 36.501 | 26.27 |
| 170 | 17.89 | 36.398 | 26.39 |
| 180 | 17.55 | 36.364 | 26.44 |
| 190 | 16.98 | 36.270 | 26.51 |
| 200 | 16.47 | 36.176 | 26.56 |
| 250 | 15.31 | 36.014 | 26.70 |
| 300 | 13.11 | 35.618 | 26.87 |
| 350 | 11.44 | 35.338 | 26.98 |
| 400 | 10.60 | 35.209 | 27.03 |
| 450 | 9.78 | 35.074 | 27.07 |
| 500 | 8.61 | 34.915 | 27.13 |
| 550 | 8.10 | 34.845 | 27.16 |
| 600 | 7.81 | 34.822 | 27.18 |
| 650 | 7.08 | 34.752 | 27.23 |
| 700 | 6.52 | 34.750 | 27.31 |
| 750 | 6.29 | 34.749 | 27.34 |
| 800 | 5.81 | 34.783 | 27.43 |
| 850 | 5.48 | 34.831 | 27.50 |
| 900 | 5.36 | 34.877 | 27.56 |
| 950 | 5.13 | 34.907 | 27.61 |
| 1000 | 4.96 | 34.923 | 27.64 |
| 1300 | 4.32 | 34.961 | 27.74 |

RES-STACS25-86 CTD 80 RESEARCHER
Date 08 06 86 Latitude 13.658 N
Time 0341 Z Longitude 63.560 W



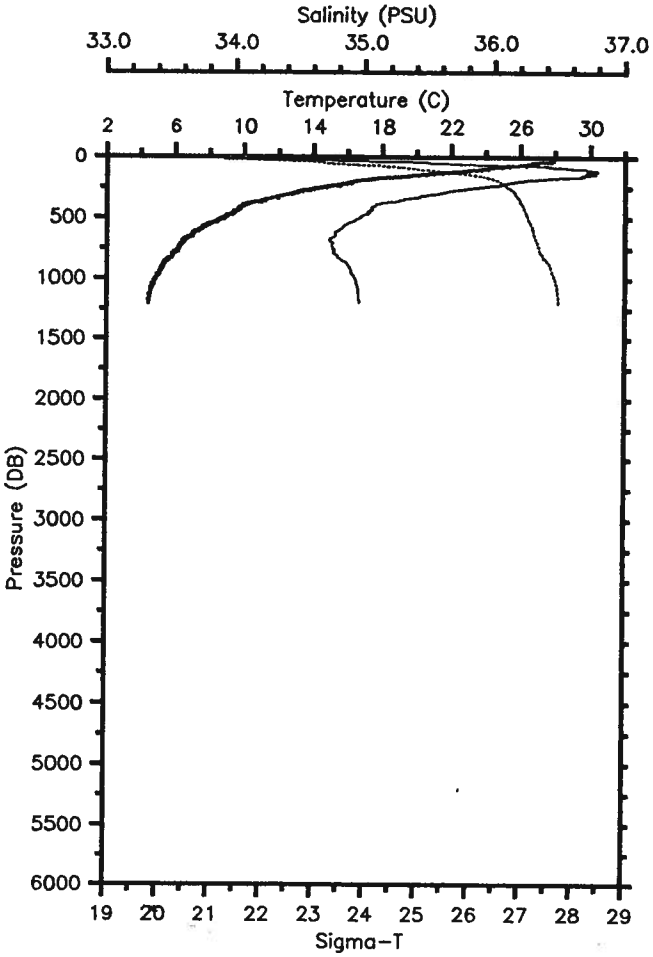

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.87 | 33.552 | 21.37 |
| 10 | 27.88 | 33.551 | 21.37 |
| 20 | 27.89 | 34.604 | 22.15 |
| 30 | 27.56 | 34.968 | 22.53 |
| 40 | 27.24 | 35.380 | 22.95 |
| 50 | 26.78 | 35.645 | 23.29 |
| 60 | 26.43 | 36.045 | 23.71 |
| 70 | 25.91 | 36.313 | 24.07 |
| 80 | 25.16 | 36.368 | 24.35 |
| 90 | 24.44 | 36.443 | 24.62 |
| 100 | 23.32 | 36.692 | 25.14 |
| 110 | 22.96 | 36.783 | 25.32 |
| 120 | 22.19 | 36.792 | 25.54 |
| 130 | 21.49 | 36.646 | 25.63 |
| 140 | 20.86 | 36.678 | 25.83 |
| 150 | 20.04 | 36.630 | 26.01 |
| 160 | 19.50 | 36.675 | 26.19 |
| 170 | 18.95 | 36.554 | 26.24 |
| 180 | 18.18 | 36.424 | 26.33 |
| 190 | 17.90 | 36.398 | 26.38 |
| 200 | 17.36 | 36.331 | 26.47 |
| 250 | 15.63 | 36.057 | 26.66 |
| 300 | 13.48 | 35.677 | 26.84 |
| 350 | 11.97 | 35.413 | 26.93 |
| 400 | 10.81 | 35.232 | 27.01 |
| 450 | 10.06 | 35.135 | 27.07 |
| 500 | 8.79 | 34.957 | 27.14 |
| 550 | 8.20 | 34.888 | 27.17 |
| 600 | 7.55 | 34.813 | 27.21 |
| 650 | 6.98 | 34.776 | 27.27 |
| 700 | 6.50 | 34.741 | 27.30 |
| 750 | 6.30 | 34.745 | 27.33 |
| 800 | 5.90 | 34.774 | 27.41 |
| 850 | 5.67 | 34.817 | 27.47 |
| 900 | 5.46 | 34.848 | 27.52 |
| 950 | 5.22 | 34.887 | 27.58 |
| 1000 | 4.99 | 34.915 | 27.63 |
| 1138 | 4.47 | 34.952 | 27.72 |

RES-STACS25-86 CTD 81 RESEARCHER
Date 08 06 86 Latitude 13.482 N
Time 1052 Z Longitude 63.552 W



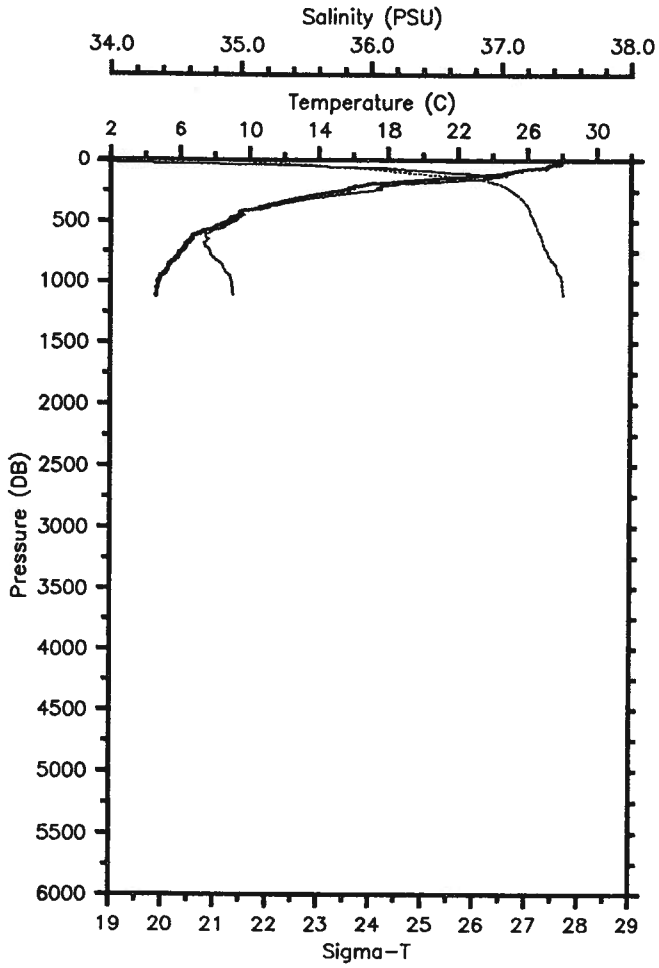

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.78 | 33.527 | 21.38 |
| 10 | 27.79 | 33.531 | 21.38 |
| 20 | 27.80 | 33.963 | 21.70 |
| 30 | 27.52 | 34.805 | 22.42 |
| 40 | 27.11 | 35.152 | 22.82 |
| 50 | 26.97 | 35.444 | 23.08 |
| 60 | 26.68 | 35.572 | 23.27 |
| 70 | 26.06 | 36.162 | 23.91 |
| 80 | 24.80 | 36.388 | 24.47 |
| 90 | 23.66 | 36.552 | 24.94 |
| 100 | 22.55 | 36.721 | 25.39 |
| 110 | 22.18 | 36.777 | 25.54 |
| 120 | 21.38 | 36.787 | 25.77 |
| 130 | 20.30 | 36.732 | 26.02 |
| 140 | 19.57 | 36.683 | 26.18 |
| 150 | 19.12 | 36.643 | 26.26 |
| 160 | 18.23 | 36.462 | 26.35 |
| 170 | 17.99 | 36.423 | 26.38 |
| 180 | 17.63 | 36.357 | 26.42 |
| 190 | 17.57 | 36.372 | 26.45 |
| 200 | 16.92 | 36.226 | 26.49 |
| 250 | 13.95 | 35.719 | 26.77 |
| 300 | 12.27 | 35.447 | 26.90 |
| 350 | 11.44 | 35.330 | 26.97 |
| 400 | 10.25 | 35.148 | 27.04 |
| 450 | 9.56 | 35.046 | 27.08 |
| 500 | 8.73 | 34.936 | 27.13 |
| 550 | 8.05 | 34.870 | 27.18 |
| 600 | 7.34 | 34.801 | 27.23 |
| 650 | 6.89 | 34.765 | 27.27 |
| 700 | 6.34 | 34.723 | 27.31 |
| 750 | 6.08 | 34.746 | 27.36 |
| 800 | 5.83 | 34.770 | 27.41 |
| 850 | 5.59 | 34.833 | 27.49 |
| 900 | 5.35 | 34.879 | 27.56 |
| 950 | 5.06 | 34.899 | 27.61 |
| 1000 | 4.90 | 34.918 | 27.64 |
| 1142 | 4.49 | 34.949 | 27.71 |

RES-STACS25-86 CTD 82 RESEARCHER
Date 08 06 86 Latitude 13.332 N
Time 1258 Z Longitude 63.543 W



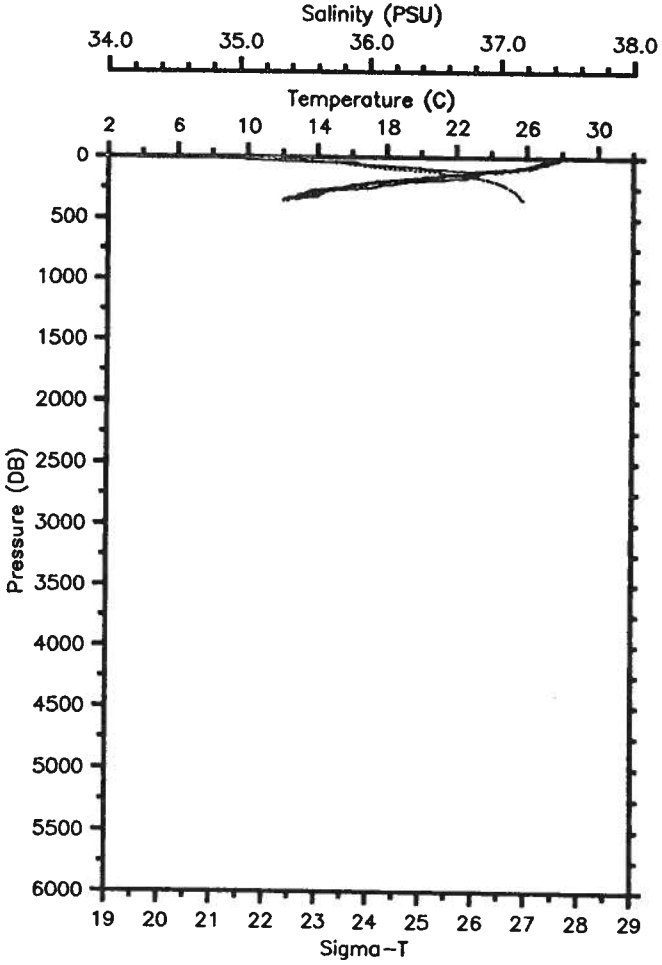

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.88 | 33.909 | 21.63 |
| 10 | 27.89 | 33.910 | 21.63 |
| 20 | 27.88 | 33.914 | 21.64 |
| 30 | 27.74 | 34.747 | 22.31 |
| 40 | 27.13 | 35.311 | 22.93 |
| 50 | 26.68 | 35.498 | 23.22 |
| 60 | 26.31 | 35.745 | 23.52 |
| 70 | 25.42 | 36.164 | 24.11 |
| 80 | 24.89 | 36.407 | 24.46 |
| 90 | 24.15 | 36.554 | 24.79 |
| 100 | 23.78 | 36.708 | 25.02 |
| 110 | 22.99 | 36.758 | 25.29 |
| 120 | 22.48 | 36.787 | 25.46 |
| 130 | 21.46 | 36.898 | 25.68 |
| 140 | 20.76 | 36.763 | 25.92 |
| 150 | 19.82 | 36.681 | 26.11 |
| 160 | 19.21 | 36.657 | 26.25 |
| 170 | 18.42 | 36.507 | 26.34 |
| 180 | 17.51 | 36.377 | 26.46 |
| 190 | 17.10 | 36.300 | 26.50 |
| 200 | 16.49 | 36.203 | 26.58 |
| 250 | 14.59 | 35.878 | 26.76 |
| 300 | 12.85 | 35.581 | 26.89 |
| 350 | 11.25 | 35.297 | 26.98 |
| 400 | 9.94 | 35.077 | 27.04 |
| 450 | 9.42 | 35.022 | 27.09 |
| 500 | 8.86 | 34.965 | 27.13 |
| 550 | 7.99 | 34.865 | 27.19 |
| 600 | 7.33 | 34.800 | 27.24 |
| 650 | 6.89 | 34.764 | 27.27 |
| 700 | 6.46 | 34.745 | 27.31 |
| 750 | 6.19 | 34.748 | 27.35 |
| 800 | 5.86 | 34.773 | 27.41 |
| 850 | 5.51 | 34.819 | 27.49 |
| 900 | 5.28 | 34.874 | 27.56 |
| 950 | 5.07 | 34.894 | 27.60 |
| 1000 | 4.84 | 34.922 | 27.65 |
| 1200 | 4.43 | 34.955 | 27.73 |

RES-STACS25-86 CTD 83 RESEARCHER
Date 08 06 86 Latitude 13.177 N
Time 1454 Z Longitude 63.545 W



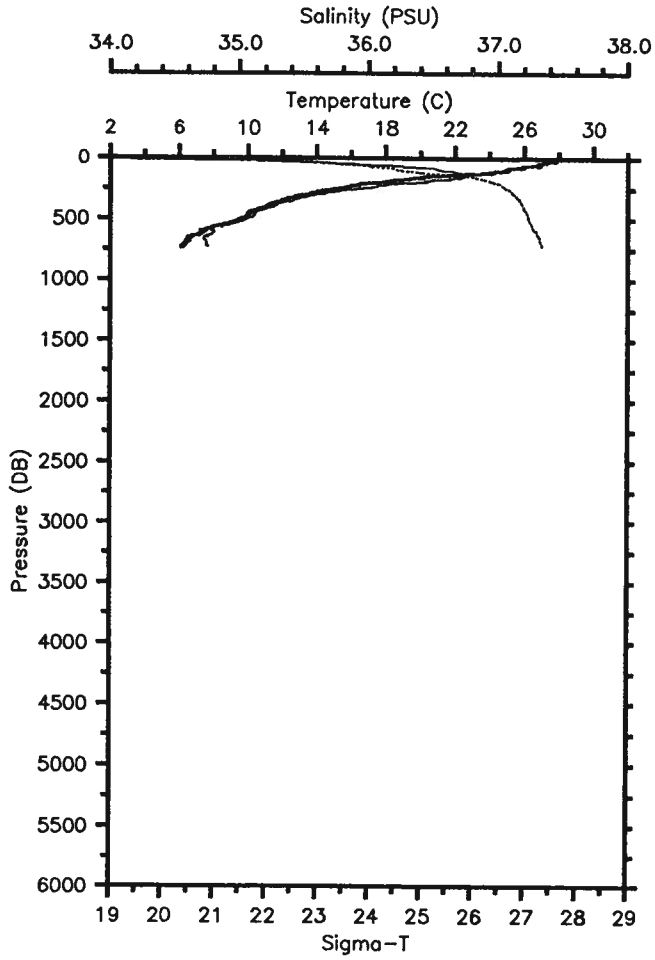

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.81 | 33.905 | 21.65 |
| 10 | 27.82 | 33.904 | 21.65 |
| 20 | 27.80 | 33.919 | 21.67 |
| 30 | 27.85 | 34.121 | 21.80 |
| 40 | 27.30 | 35.251 | 22.83 |
| 50 | 27.11 | 35.572 | 23.13 |
| 60 | 27.01 | 35.786 | 23.33 |
| 70 | 26.16 | 36.151 | 23.87 |
| 80 | 25.65 | 36.286 | 24.13 |
| 90 | 25.24 | 36.460 | 24.39 |
| 100 | 24.84 | 36.557 | 24.59 |
| 110 | 24.77 | 36.780 | 24.78 |
| 120 | 23.52 | 36.750 | 25.13 |
| 130 | 22.68 | 36.964 | 25.53 |
| 140 | 21.96 | 36.905 | 25.69 |
| 150 | 21.12 | 36.891 | 25.92 |
| 160 | 20.13 | 36.740 | 26.07 |
| 170 | 19.07 | 36.599 | 26.24 |
| 180 | 18.27 | 36.474 | 26.35 |
| 190 | 17.29 | 36.286 | 26.45 |
| 200 | 16.79 | 36.198 | 26.50 |
| 250 | 15.34 | 36.022 | 26.70 |
| 300 | 13.27 | 35.653 | 26.86 |
| 350 | 11.59 | 35.363 | 26.97 |
| 400 | 10.34 | 35.156 | 27.03 |
| 450 | 9.49 | 35.028 | 27.08 |
| 500 | 8.83 | 34.963 | 27.14 |
| 550 | 8.07 | 34.876 | 27.19 |
| 600 | 7.13 | 34.761 | 27.23 |
| 650 | 6.70 | 34.750 | 27.28 |
| 700 | 6.31 | 34.722 | 27.31 |
| 750 | 6.03 | 34.763 | 27.38 |
| 800 | 5.80 | 34.787 | 27.43 |
| 850 | 5.42 | 34.845 | 27.52 |
| 900 | 5.25 | 34.871 | 27.57 |
| 950 | 4.89 | 34.916 | 27.64 |
| 1000 | 4.78 | 34.927 | 27.66 |
| 1112 | 4.64 | 34.940 | 27.69 |

RES-STACS25-86 CTD 84 RESEARCHER
Date 08 06 86 Latitude 13.027 N
Time 1715 Z Longitude 63.540 W



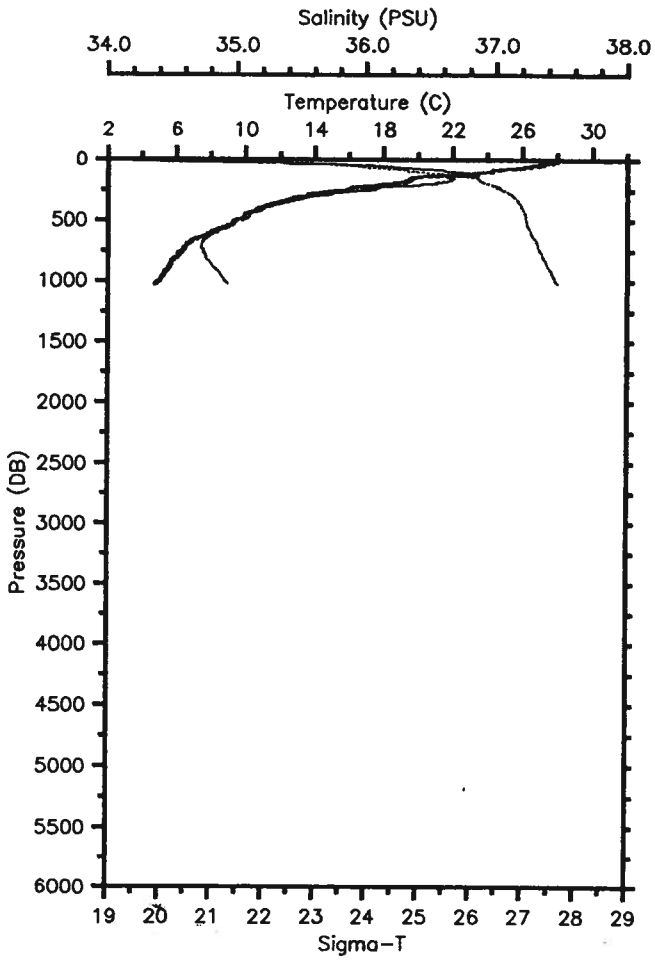

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.78 | 34.122 | 21.83 |
| 10 | 27.77 | 34.116 | 21.83 |
| 20 | 27.39 | 35.025 | 22.63 |
| 30 | 27.34 | 35.112 | 22.71 |
| 40 | 27.04 | 35.471 | 23.08 |
| 50 | 26.87 | 35.917 | 23.47 |
| 60 | 26.50 | 35.940 | 23.61 |
| 70 | 26.19 | 36.105 | 23.83 |
| 80 | 26.10 | 36.243 | 23.96 |
| 90 | 25.53 | 36.405 | 24.26 |
| 100 | 25.10 | 36.514 | 24.47 |
| 110 | 24.25 | 36.651 | 24.83 |
| 120 | 22.92 | 36.788 | 25.33 |
| 130 | 22.77 | 36.820 | 25.40 |
| 140 | 22.73 | 36.839 | 25.43 |
| 150 | 21.14 | 36.750 | 25.81 |
| 160 | 21.00 | 36.756 | 25.85 |
| 170 | 20.04 | 36.748 | 26.10 |
| 180 | 19.12 | 36.613 | 26.24 |
| 190 | 18.60 | 36.505 | 26.29 |
| 200 | 17.56 | 36.307 | 26.40 |
| 250 | 15.55 | 36.020 | 26.65 |
| 300 | 13.37 | 35.617 | 26.81 |
| 350 | 12.09 | 35.432 | 26.93 |

RES-STACS25-86 CTD 85 RESEARCHER
Date 08 06 86 Latitude 12.842 N
Time 1914 Z Longitude 63.557 W



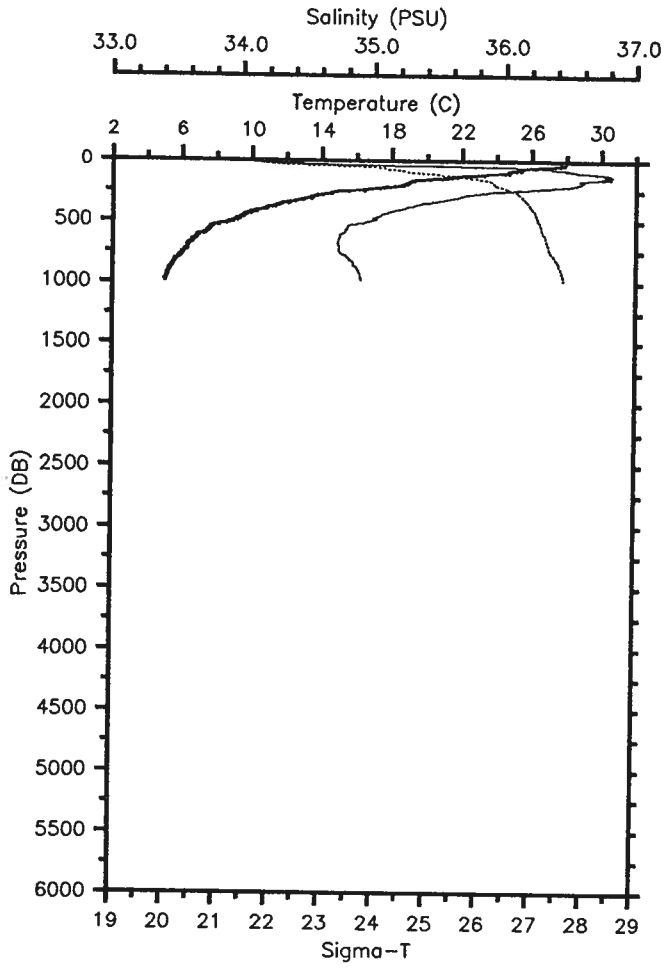

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.83 | 34.155 | 21.84 |
| 10 | 27.86 | 34.157 | 21.83 |
| 20 | 27.72 | 34.393 | 22.05 |
| 30 | 27.29 | 35.276 | 22.85 |
| 40 | 26.88 | 35.636 | 23.26 |
| 50 | 26.89 | 35.870 | 23.43 |
| 60 | 26.32 | 36.074 | 23.77 |
| 70 | 25.93 | 36.274 | 24.04 |
| 80 | 25.29 | 36.450 | 24.37 |
| 90 | 25.05 | 36.527 | 24.50 |
| 100 | 24.88 | 36.565 | 24.58 |
| 110 | 24.30 | 36.659 | 24.83 |
| 120 | 23.63 | 36.690 | 25.05 |
| 130 | 22.49 | 36.709 | 25.39 |
| 140 | 21.77 | 36.760 | 25.64 |
| 150 | 20.59 | 36.721 | 25.93 |
| 160 | 20.09 | 36.720 | 26.07 |
| 170 | 19.48 | 36.650 | 26.17 |
| 180 | 18.64 | 36.483 | 26.28 |
| 190 | 18.14 | 36.430 | 26.35 |
| 200 | 17.83 | 36.434 | 26.43 |
| 250 | 15.17 | 35.942 | 26.68 |
| 300 | 13.41 | 35.606 | 26.80 |
| 350 | 12.01 | 35.417 | 26.93 |
| 400 | 11.10 | 35.267 | 26.98 |
| 450 | 10.09 | 35.124 | 27.05 |
| 500 | 9.65 | 35.068 | 27.08 |
| 550 | 8.61 | 34.927 | 27.14 |
| 600 | 7.34 | 34.797 | 27.23 |
| 650 | 6.77 | 34.758 | 27.28 |
| 700 | 6.39 | 34.742 | 27.32 |
| 730 | 6.17 | 34.757 | 27.36 |

RES-STACS25-86 CTD 86 RESEARCHER
Date 08 06 86 Latitude 12.670 N
Time 2115 Z Longitude 63.553 W



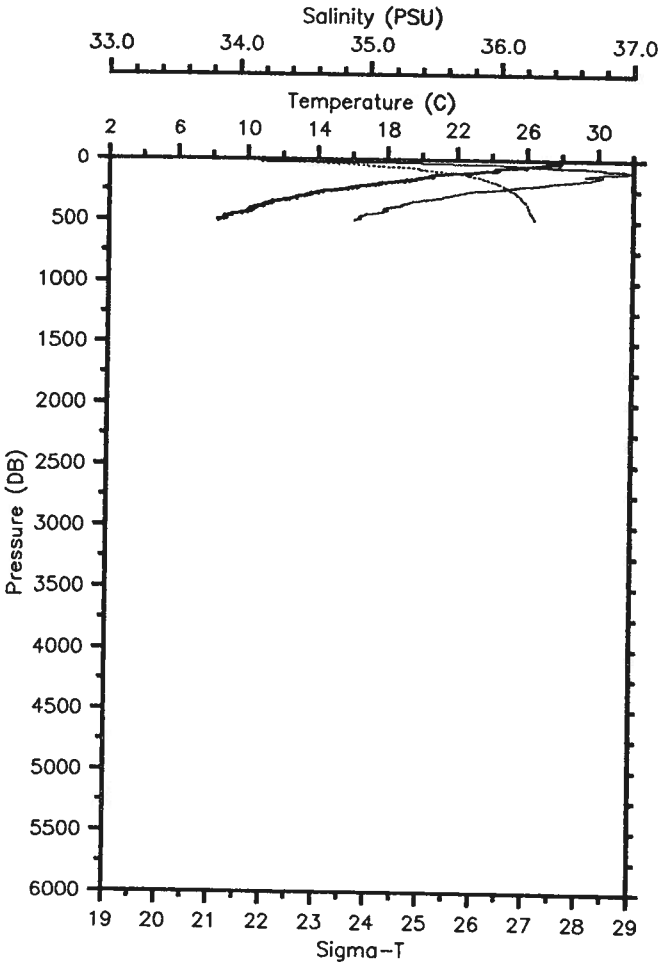

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.95 | 34.190 | 21.82 |
| 10 | 27.98 | 34.183 | 21.81 |
| 20 | 27.74 | 34.270 | 21.95 |
| 30 | 27.21 | 35.330 | 22.92 |
| 40 | 27.02 | 35.762 | 23.31 |
| 50 | 26.55 | 36.045 | 23.67 |
| 60 | 26.22 | 36.184 | 23.88 |
| 70 | 25.72 | 36.337 | 24.15 |
| 80 | 24.72 | 36.513 | 24.59 |
| 90 | 24.29 | 36.599 | 24.78 |
| 100 | 24.20 | 36.641 | 24.84 |
| 110 | 23.36 | 36.777 | 25.19 |
| 120 | 22.09 | 36.770 | 25.55 |
| 130 | 21.73 | 36.864 | 25.73 |
| 140 | 20.46 | 36.669 | 25.93 |
| 150 | 19.68 | 36.618 | 26.10 |
| 160 | 19.60 | 36.676 | 26.16 |
| 170 | 19.47 | 36.660 | 26.18 |
| 180 | 19.30 | 36.631 | 26.21 |
| 190 | 18.84 | 36.553 | 26.27 |
| 200 | 18.50 | 36.503 | 26.31 |
| 250 | 15.89 | 36.069 | 26.61 |
| 300 | 13.50 | 35.644 | 26.81 |
| 350 | 11.96 | 35.401 | 26.93 |
| 400 | 10.73 | 35.207 | 27.00 |
| 450 | 10.04 | 35.107 | 27.05 |
| 500 | 9.47 | 35.012 | 27.07 |
| 550 | 8.97 | 34.940 | 27.10 |
| 600 | 8.07 | 34.832 | 27.15 |
| 650 | 7.20 | 34.770 | 27.23 |
| 700 | 6.57 | 34.724 | 27.28 |
| 750 | 6.34 | 34.736 | 27.32 |
| 800 | 6.07 | 34.760 | 27.38 |
| 850 | 5.69 | 34.791 | 27.45 |
| 900 | 5.49 | 34.835 | 27.51 |
| 950 | 5.24 | 34.870 | 27.56 |
| 1000 | 4.95 | 34.907 | 27.63 |
| 1022 | 4.76 | 34.928 | 27.67 |

RES-STACS25-86 CTD 87 RESEARCHER
Date 08 07 86 Latitude 12.507 N
Time 0110 Z Longitude 63.513 W



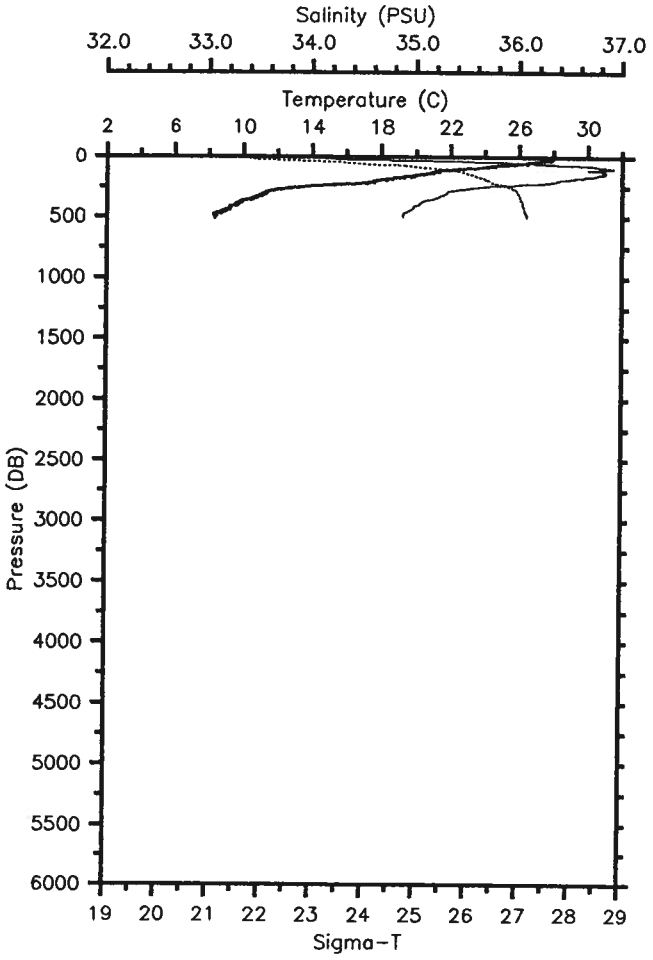

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.91 | 34.078 | 21.75 |
| 10 | 27.93 | 34.065 | 21.74 |
| 20 | 27.84 | 34.136 | 21.82 |
| 30 | 27.83 | 34.352 | 21.98 |
| 40 | 27.46 | 35.060 | 22.64 |
| 50 | 26.45 | 36.058 | 23.71 |
| 60 | 25.70 | 36.329 | 24.15 |
| 70 | 25.43 | 36.361 | 24.26 |
| 80 | 25.00 | 36.463 | 24.47 |
| 90 | 24.70 | 36.540 | 24.62 |
| 100 | 24.55 | 36.663 | 24.75 |
| 110 | 23.44 | 36.754 | 25.15 |
| 120 | 22.79 | 36.755 | 25.34 |
| 130 | 21.81 | 36.799 | 25.66 |
| 140 | 21.28 | 36.752 | 25.77 |
| 150 | 20.38 | 36.714 | 25.98 |
| 160 | 19.36 | 36.571 | 26.15 |
| 170 | 19.12 | 36.601 | 26.23 |
| 180 | 18.95 | 36.584 | 26.26 |
| 190 | 18.81 | 36.566 | 26.28 |
| 200 | 18.62 | 36.540 | 26.31 |
| 250 | 15.60 | 36.008 | 26.63 |
| 300 | 13.45 | 35.651 | 26.82 |
| 350 | 12.12 | 35.425 | 26.91 |
| 400 | 10.78 | 35.225 | 27.01 |
| 450 | 9.57 | 35.053 | 27.09 |
| 500 | 8.86 | 34.968 | 27.13 |
| 550 | 7.65 | 34.793 | 27.18 |
| 600 | 7.30 | 34.768 | 27.22 |
| 650 | 6.71 | 34.730 | 27.27 |
| 700 | 6.36 | 34.725 | 27.31 |
| 750 | 6.09 | 34.733 | 27.35 |
| 800 | 5.78 | 34.796 | 27.44 |
| 850 | 5.49 | 34.834 | 27.51 |
| 900 | 5.28 | 34.874 | 27.56 |
| 950 | 5.16 | 34.890 | 27.59 |
| 980 | 5.08 | 34.898 | 27.61 |

RES-STACS25-86 CTD 88 RESEARCHER
Date 08 07 86 Latitude 12.340 N
Time 0309 Z Longitude 63.553 W



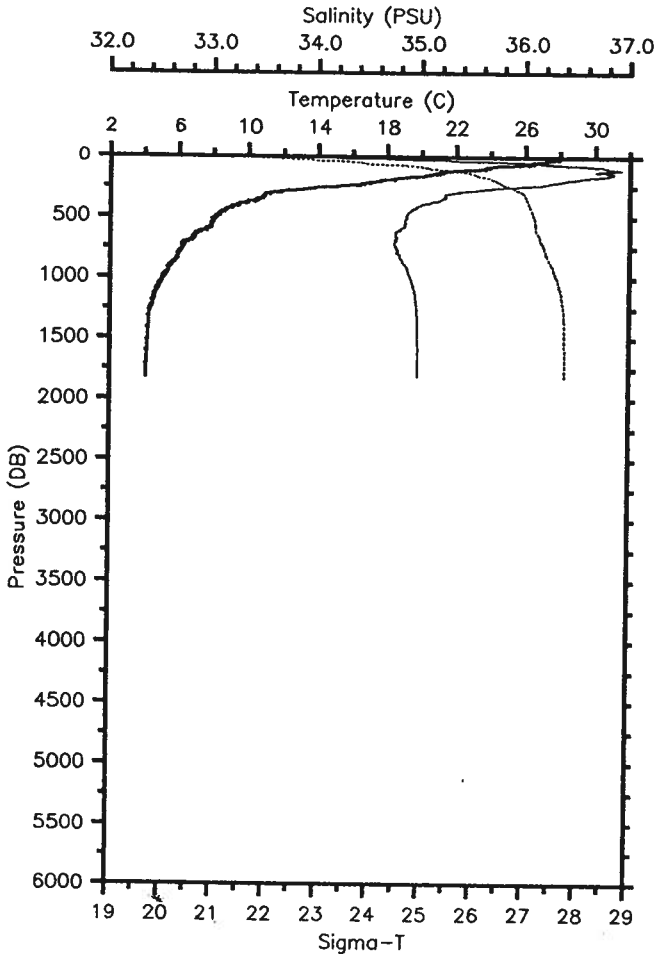

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.92 | 33.839 | 21.57 |
| 10 | 27.91 | 33.860 | 21.59 |
| 20 | 27.83 | 34.191 | 21.86 |
| 30 | 27.23 | 35.277 | 22.87 |
| 40 | 26.88 | 35.927 | 23.47 |
| 50 | 26.27 | 36.199 | 23.87 |
| 60 | 25.80 | 36.396 | 24.17 |
| 70 | 24.23 | 36.691 | 24.87 |
| 80 | 24.29 | 36.792 | 24.93 |
| 90 | 24.08 | 36.954 | 25.11 |
| 100 | 23.16 | 36.968 | 25.40 |
| 110 | 22.29 | 36.870 | 25.58 |
| 120 | 21.24 | 36.724 | 25.76 |
| 130 | 20.51 | 36.633 | 25.89 |
| 140 | 20.51 | 36.763 | 25.99 |
| 150 | 19.92 | 36.719 | 26.11 |
| 160 | 19.61 | 36.690 | 26.17 |
| 170 | 19.06 | 36.600 | 26.25 |
| 180 | 18.50 | 36.510 | 26.32 |
| 190 | 17.75 | 36.403 | 26.43 |
| 200 | 17.41 | 36.347 | 26.46 |
| 250 | 15.18 | 35.946 | 26.68 |
| 300 | 13.24 | 35.615 | 26.84 |
| 350 | 11.39 | 35.321 | 26.97 |
| 400 | 10.34 | 35.142 | 27.02 |
| 450 | 9.25 | 34.991 | 27.09 |
| 500 | 8.33 | 34.880 | 27.15 |
| 502 | 8.28 | 34.875 | 27.15 |

RES-STACS25-86 CTD 89 RESEARCHER
Date 08 07 86 Latitude 12.187 N
Time 0511 Z Longitude 63.577 W



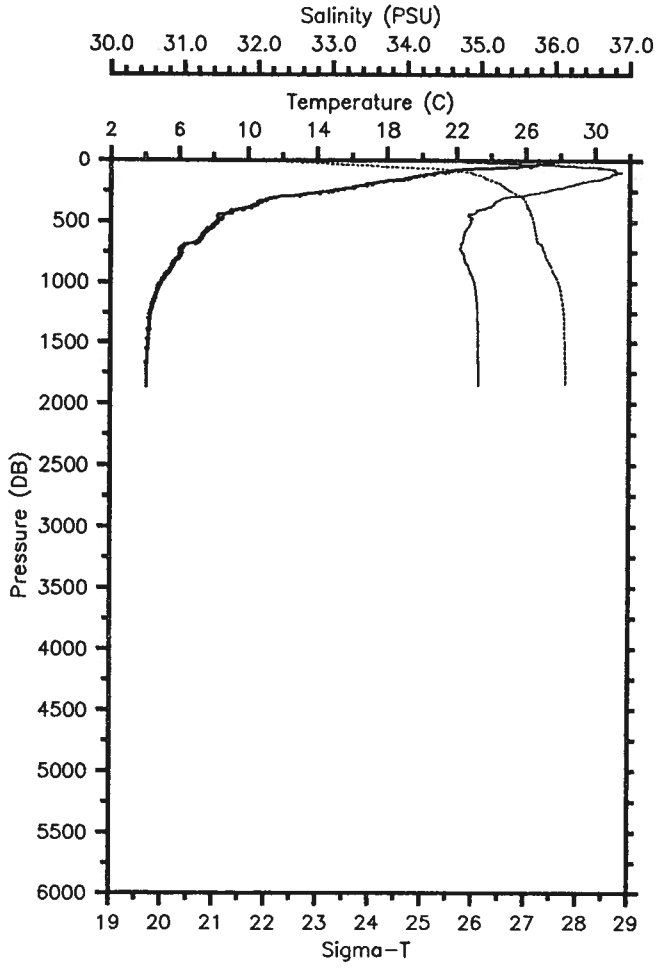

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.83 | 32.632 | 20.69 |
| 10 | 27.89 | 33.496 | 21.32 |
| 20 | 27.83 | 34.212 | 21.88 |
| 30 | 27.68 | 34.612 | 22.23 |
| 40 | 27.03 | 35.399 | 23.03 |
| 50 | 26.51 | 35.979 | 23.63 |
| 60 | 26.07 | 36.229 | 23.96 |
| 70 | 25.16 | 36.443 | 24.40 |
| 80 | 24.52 | 36.712 | 24.80 |
| 90 | 23.91 | 36.768 | 25.03 |
| 100 | 22.84 | 36.913 | 25.45 |
| 110 | 22.03 | 36.755 | 25.56 |
| 120 | 21.28 | 36.803 | 25.81 |
| 130 | 21.05 | 36.840 | 25.90 |
| 140 | 20.74 | 36.835 | 25.98 |
| 150 | 20.16 | 36.774 | 26.09 |
| 160 | 19.81 | 36.734 | 26.15 |
| 170 | 19.24 | 36.639 | 26.23 |
| 180 | 18.62 | 36.541 | 26.31 |
| 190 | 18.26 | 36.477 | 26.35 |
| 200 | 17.61 | 36.361 | 26.43 |
| 250 | 13.49 | 35.621 | 26.79 |
| 300 | 11.32 | 35.297 | 26.97 |
| 350 | 10.56 | 35.181 | 27.02 |
| 400 | 9.60 | 35.027 | 27.06 |
| 450 | 8.94 | 34.937 | 27.10 |
| 500 | 8.33 | 34.873 | 27.14 |
| 504 | 8.32 | 34.872 | 27.14 |

RES-STACS25-86 CTD 90 RESEARCHER
Date 08 07 86 Latitude 12.182 N
Time 0734 Z Longitude 63.505 W



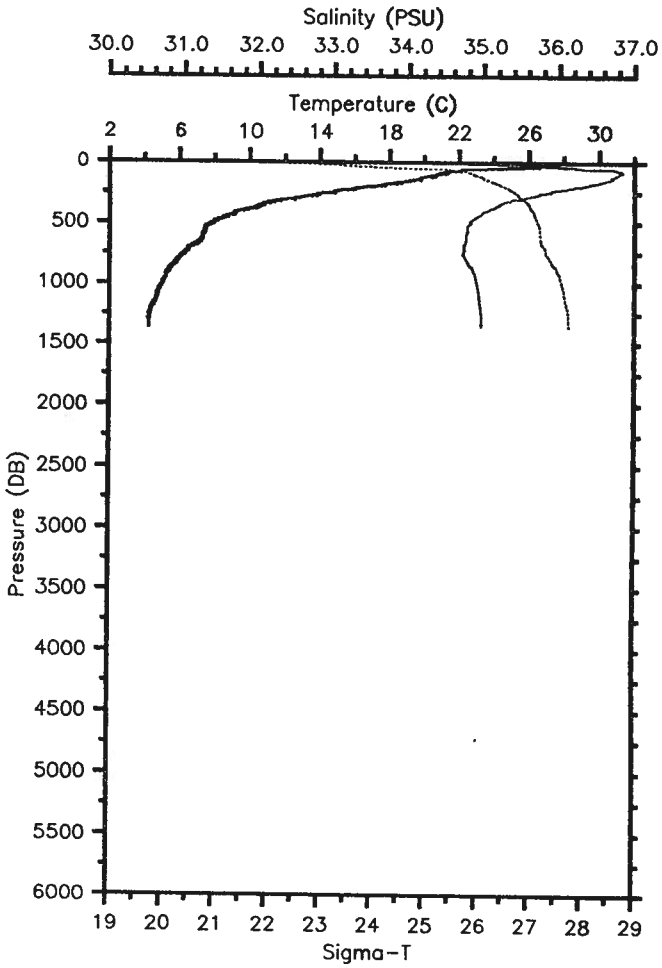

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.68 | 32.306 | 20.50 |
| 10 | 27.86 | 34.144 | 21.82 |
| 20 | 27.67 | 34.626 | 22.24 |
| 30 | 27.23 | 35.229 | 22.84 |
| 40 | 26.79 | 35.734 | 23.36 |
| 50 | 26.26 | 36.125 | 23.82 |
| 60 | 26.13 | 36.212 | 23.93 |
| 70 | 24.98 | 36.514 | 24.51 |
| 80 | 23.98 | 36.692 | 24.95 |
| 90 | 23.73 | 36.780 | 25.09 |
| 100 | 23.39 | 36.847 | 25.24 |
| 110 | 22.29 | 36.853 | 25.56 |
| 120 | 21.37 | 36.669 | 25.68 |
| 130 | 21.05 | 36.783 | 25.86 |
| 140 | 20.73 | 36.818 | 25.97 |
| 150 | 20.38 | 36.814 | 26.06 |
| 160 | 19.92 | 36.719 | 26.11 |
| 170 | 19.08 | 36.596 | 26.24 |
| 180 | 18.49 | 36.524 | 26.33 |
| 190 | 17.99 | 36.437 | 26.39 |
| 200 | 17.61 | 36.372 | 26.43 |
| 250 | 15.02 | 35.905 | 26.68 |
| 300 | 11.60 | 35.331 | 26.94 |
| 350 | 10.68 | 35.208 | 27.01 |
| 400 | 9.41 | 34.993 | 27.06 |
| 450 | 8.60 | 34.897 | 27.12 |
| 500 | 8.12 | 34.849 | 27.16 |
| 550 | 7.93 | 34.845 | 27.18 |
| 600 | 7.61 | 34.796 | 27.19 |
| 650 | 6.93 | 34.744 | 27.25 |
| 700 | 6.53 | 34.743 | 27.30 |
| 750 | 6.14 | 34.755 | 27.36 |
| 800 | 5.95 | 34.765 | 27.39 |
| 850 | 5.80 | 34.804 | 27.44 |
| 900 | 5.50 | 34.842 | 27.51 |
| 950 | 5.33 | 34.869 | 27.55 |
| 1000 | 5.08 | 34.893 | 27.60 |
| 1500 | 4.20 | 34.965 | 27.76 |
| 1810 | 4.12 | 34.971 | 27.77 |

RES-STACS25-86 CTD 91 RESEARCHER
Date 08 07 86 Latitude 11.997 N
Time 1033 Z Longitude 63.533 W



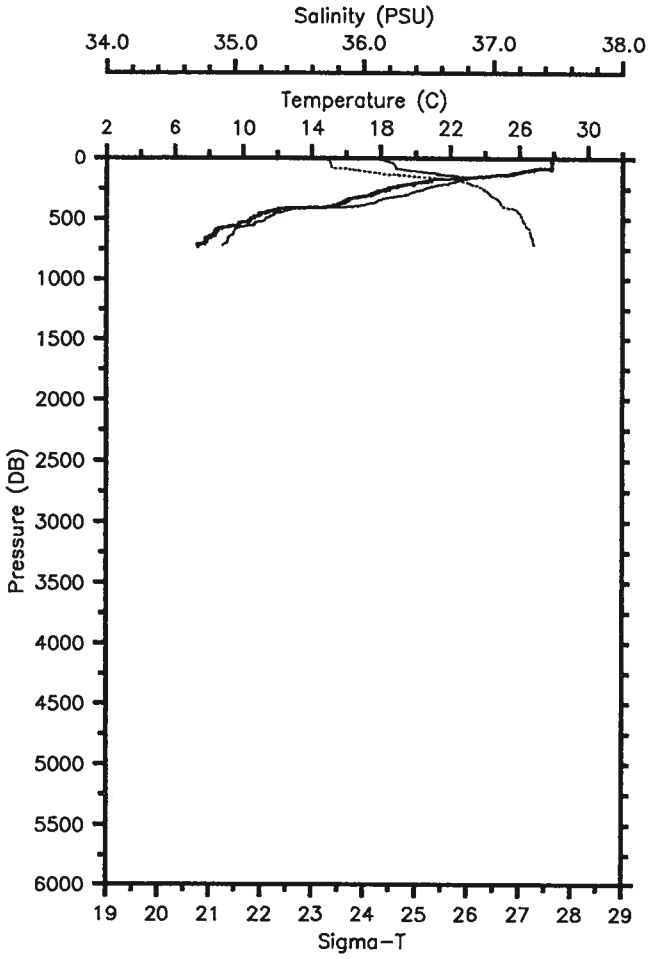

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.79 | 30.992 | 19.48 |
| 10 | 27.54 | 34.791 | 22.41 |
| 20 | 27.42 | 34.992 | 22.60 |
| 30 | 26.80 | 35.504 | 23.18 |
| 40 | 26.29 | 36.055 | 23.76 |
| 50 | 25.67 | 36.347 | 24.17 |
| 60 | 24.51 | 36.611 | 24.73 |
| 70 | 22.67 | 36.806 | 25.42 |
| 80 | 22.00 | 36.786 | 25.59 |
| 90 | 21.57 | 36.828 | 25.75 |
| 100 | 20.88 | 36.857 | 25.96 |
| 110 | 20.60 | 36.801 | 25.99 |
| 120 | 20.11 | 36.751 | 26.08 |
| 130 | 19.74 | 36.713 | 26.15 |
| 140 | 19.36 | 36.669 | 26.22 |
| 150 | 19.04 | 36.614 | 26.26 |
| 160 | 18.51 | 36.512 | 26.32 |
| 170 | 17.97 | 36.432 | 26.39 |
| 180 | 17.43 | 36.348 | 26.46 |
| 190 | 17.11 | 36.298 | 26.50 |
| 200 | 16.80 | 36.241 | 26.53 |
| 250 | 14.85 | 35.897 | 26.71 |
| 300 | 11.77 | 35.364 | 26.93 |
| 350 | 10.54 | 35.176 | 27.01 |
| 400 | 9.51 | 35.009 | 27.06 |
| 450 | 8.30 | 34.825 | 27.11 |
| 500 | 8.27 | 34.863 | 27.15 |
| 550 | 7.88 | 34.823 | 27.17 |
| 600 | 7.45 | 34.774 | 27.20 |
| 650 | 7.21 | 34.755 | 27.22 |
| 700 | 6.27 | 34.726 | 27.32 |
| 750 | 6.12 | 34.749 | 27.36 |
| 800 | 5.98 | 34.773 | 27.40 |
| 850 | 5.68 | 34.803 | 27.46 |
| 900 | 5.49 | 34.846 | 27.52 |
| 950 | 5.19 | 34.881 | 27.58 |
| 1000 | 4.95 | 34.911 | 27.63 |
| 1500 | 4.20 | 34.965 | 27.76 |
| 1852 | 4.12 | 34.971 | 27.77 |

RES-STACS25-86 CTD 92 RESEARCHER
Date 08 07 86 Latitude 11.848 N
Time 1344 Z Longitude 63.555 W



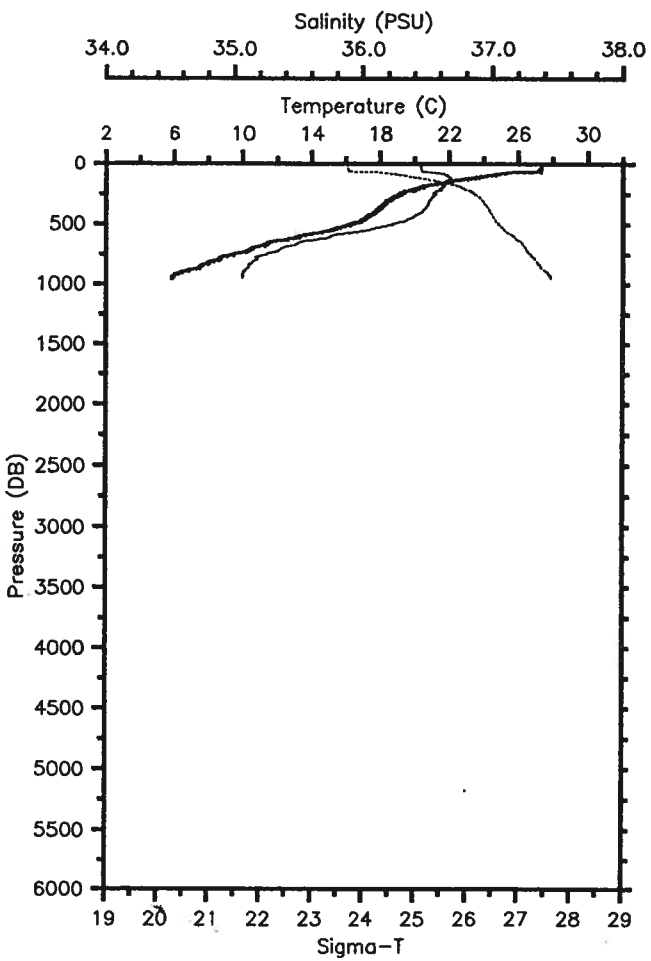

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.64 | 31.707 | 20.06 |
| 10 | 27.57 | 34.529 | 22.20 |
| 20 | 26.77 | 34.975 | 22.79 |
| 30 | 26.49 | 35.684 | 23.42 |
| 40 | 25.94 | 36.212 | 23.99 |
| 50 | 24.06 | 36.217 | 24.56 |
| 60 | 22.11 | 36.744 | 25.53 |
| 70 | 21.91 | 36.803 | 25.63 |
| 80 | 21.30 | 36.836 | 25.83 |
| 90 | 20.94 | 36.818 | 25.91 |
| 100 | 20.72 | 36.781 | 25.94 |
| 110 | 20.44 | 36.771 | 26.01 |
| 120 | 19.93 | 36.718 | 26.11 |
| 130 | 19.78 | 36.707 | 26.14 |
| 140 | 19.62 | 36.697 | 26.17 |
| 150 | 19.17 | 36.628 | 26.24 |
| 160 | 18.67 | 36.549 | 26.31 |
| 170 | 18.27 | 36.497 | 26.37 |
| 180 | 17.73 | 36.404 | 26.43 |
| 190 | 17.51 | 36.370 | 26.46 |
| 200 | 16.95 | 36.265 | 26.51 |
| 250 | 14.58 | 35.827 | 26.72 |
| 300 | 12.55 | 35.492 | 26.88 |
| 350 | 10.75 | 35.205 | 27.00 |
| 400 | 9.56 | 35.032 | 27.07 |
| 450 | 8.64 | 34.898 | 27.11 |
| 500 | 7.94 | 34.822 | 27.16 |
| 550 | 7.48 | 34.774 | 27.19 |
| 600 | 7.32 | 34.761 | 27.21 |
| 650 | 7.23 | 34.755 | 27.21 |
| 700 | 6.51 | 34.724 | 27.29 |
| 750 | 6.29 | 34.716 | 27.31 |
| 800 | 5.91 | 34.751 | 27.39 |
| 850 | 5.62 | 34.802 | 27.47 |
| 900 | 5.35 | 34.855 | 27.54 |
| 950 | 5.15 | 34.887 | 27.59 |
| 1000 | 5.02 | 34.902 | 27.62 |
| 1356 | 4.24 | 34.962 | 27.75 |

RES-STACS26-86 CTD 1 RESEARCHER
Date 10 24 86 Latitude 27.039 N
Time 2014 Z Longitude 79.515 W



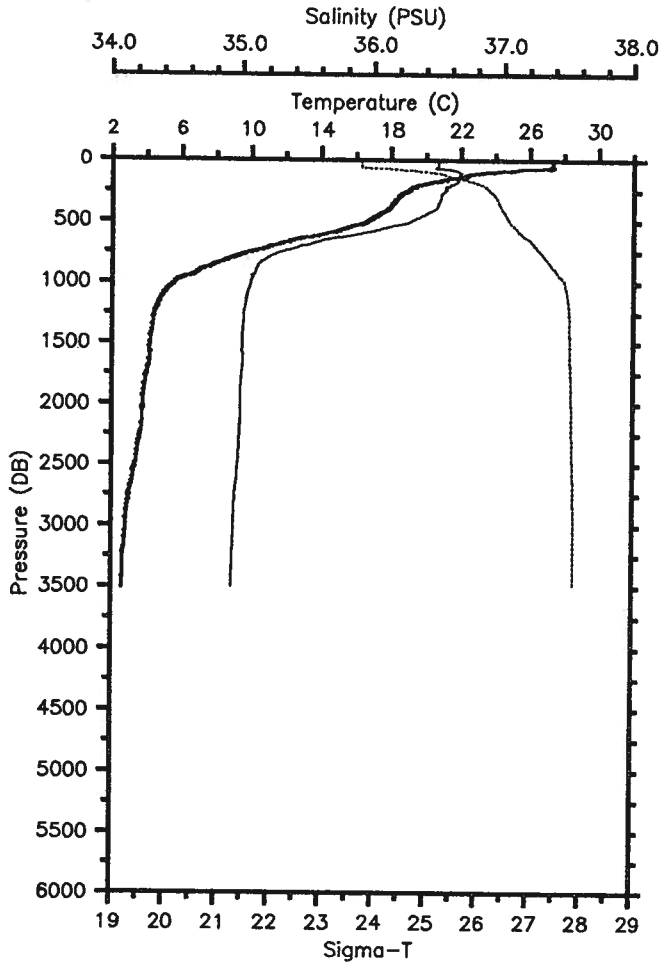

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.86 | 35.993 | 23.19 |
| 10 | 27.86 | 36.090 | 23.26 |
| 20 | 27.87 | 36.152 | 23.31 |
| 30 | 27.88 | 36.188 | 23.33 |
| 40 | 27.88 | 36.222 | 23.36 |
| 50 | 27.88 | 36.233 | 23.36 |
| 60 | 27.88 | 36.242 | 23.37 |
| 70 | 27.88 | 36.247 | 23.37 |
| 80 | 27.87 | 36.254 | 23.38 |
| 90 | 26.99 | 36.269 | 23.68 |
| 100 | 26.62 | 36.328 | 23.84 |
| 110 | 26.21 | 36.420 | 24.04 |
| 120 | 25.84 | 36.509 | 24.22 |
| 130 | 25.55 | 36.581 | 24.37 |
| 140 | 24.85 | 36.595 | 24.59 |
| 150 | 24.16 | 36.700 | 24.88 |
| 160 | 22.77 | 36.763 | 25.34 |
| 170 | 22.27 | 36.819 | 25.53 |
| 180 | 20.92 | 36.736 | 25.84 |
| 190 | 20.69 | 36.730 | 25.90 |
| 200 | 20.29 | 36.693 | 25.98 |
| 250 | 18.48 | 36.483 | 26.29 |
| 300 | 17.48 | 36.348 | 26.43 |
| 350 | 15.99 | 36.115 | 26.61 |
| 400 | 15.03 | 35.938 | 26.69 |
| 450 | 11.35 | 35.365 | 27.00 |
| 500 | 10.45 | 35.244 | 27.06 |
| 550 | 9.74 | 35.151 | 27.11 |
| 600 | 8.44 | 34.997 | 27.20 |
| 650 | 8.08 | 34.958 | 27.23 |
| 700 | 7.74 | 34.940 | 27.27 |
| 726 | 7.35 | 34.907 | 27.30 |

RES-STACS26-86 CTD 2 RESEARCHER
Date 10 26 86 Latitude 26.552 N
Time 0245 Z Longitude 76.852 W



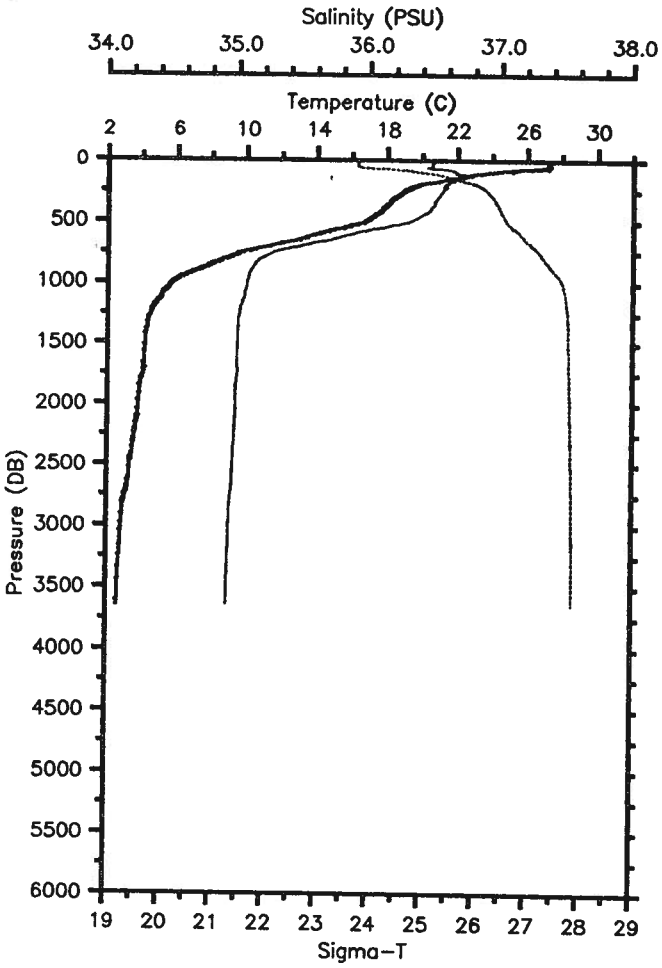

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.34 | 36.447 | 23.70 |
| 10 | 27.34 | 36.446 | 23.70 |
| 20 | 27.34 | 36.446 | 23.70 |
| 30 | 27.34 | 36.446 | 23.70 |
| 40 | 27.32 | 36.451 | 23.71 |
| 50 | 27.31 | 36.454 | 23.72 |
| 60 | 27.30 | 36.457 | 23.72 |
| 70 | 26.18 | 36.473 | 24.09 |
| 80 | 25.23 | 36.592 | 24.48 |
| 90 | 24.74 | 36.637 | 24.66 |
| 100 | 24.23 | 36.646 | 24.82 |
| 110 | 23.78 | 36.669 | 24.97 |
| 120 | 23.34 | 36.668 | 25.10 |
| 130 | 22.88 | 36.683 | 25.25 |
| 140 | 22.32 | 36.643 | 25.38 |
| 150 | 21.98 | 36.656 | 25.48 |
| 160 | 21.57 | 36.651 | 25.60 |
| 170 | 21.22 | 36.625 | 25.67 |
| 180 | 20.78 | 36.635 | 25.80 |
| 190 | 20.51 | 36.622 | 25.86 |
| 200 | 20.25 | 36.616 | 25.93 |
| 250 | 19.19 | 36.556 | 26.16 |
| 300 | 18.55 | 36.520 | 26.30 |
| 350 | 18.13 | 36.498 | 26.39 |
| 400 | 17.72 | 36.461 | 26.46 |
| 450 | 17.18 | 36.376 | 26.53 |
| 500 | 16.30 | 36.221 | 26.62 |
| 550 | 15.18 | 36.044 | 26.74 |
| 600 | 13.32 | 35.750 | 26.91 |
| 650 | 11.62 | 35.513 | 27.06 |
| 700 | 10.57 | 35.377 | 27.15 |
| 750 | 9.50 | 35.248 | 27.23 |
| 800 | 8.54 | 35.164 | 27.32 |
| 850 | 7.54 | 35.109 | 27.43 |
| 900 | 6.45 | 35.079 | 27.56 |
| 950 | 5.85 | 35.065 | 27.62 |
| 952 | 5.84 | 35.065 | 27.62 |

RES-STACS26-86 CTD 3 RESEARCHER
Date 10 26 86 Latitude 26.523 N
Time 0849 Z Longitude 76.762 W



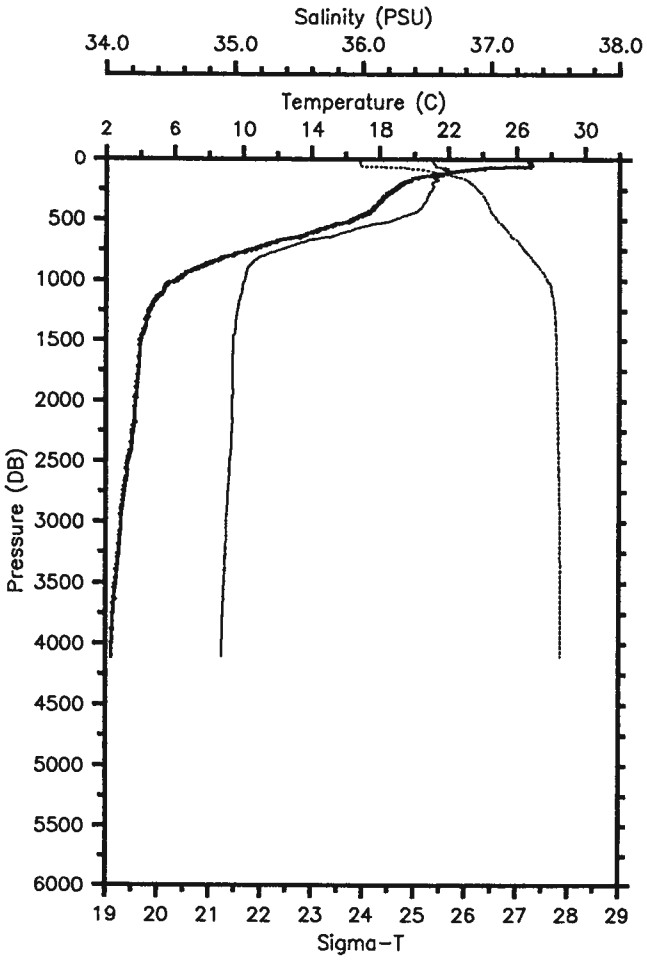

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.32 | 36.488 | 23.76 |
| 10 | 27.32 | 36.495 | 23.76 |
| 20 | 27.32 | 36.495 | 23.76 |
| 30 | 27.32 | 36.495 | 23.76 |
| 40 | 27.32 | 36.493 | 23.76 |
| 50 | 27.32 | 36.493 | 23.76 |
| 60 | 27.29 | 36.486 | 23.77 |
| 70 | 26.10 | 36.520 | 24.17 |
| 80 | 25.17 | 36.603 | 24.52 |
| 90 | 24.26 | 36.644 | 24.83 |
| 100 | 23.36 | 36.664 | 25.11 |
| 110 | 22.77 | 36.668 | 25.28 |
| 120 | 22.45 | 36.653 | 25.37 |
| 130 | 22.26 | 36.691 | 25.45 |
| 140 | 21.93 | 36.705 | 25.55 |
| 150 | 21.35 | 36.657 | 25.68 |
| 160 | 21.04 | 36.637 | 25.75 |
| 170 | 20.78 | 36.645 | 25.82 |
| 180 | 20.33 | 36.637 | 25.94 |
| 190 | 20.06 | 36.617 | 26.00 |
| 200 | 19.73 | 36.595 | 26.07 |
| 250 | 18.95 | 36.547 | 26.23 |
| 300 | 18.40 | 36.514 | 26.35 |
| 350 | 18.12 | 36.497 | 26.41 |
| 400 | 17.83 | 36.473 | 26.46 |
| 450 | 17.23 | 36.390 | 26.54 |
| 500 | 16.63 | 36.290 | 26.61 |
| 550 | 15.57 | 36.114 | 26.72 |
| 600 | 14.34 | 35.915 | 26.84 |
| 650 | 12.57 | 35.644 | 27.00 |
| 700 | 11.35 | 35.482 | 27.10 |
| 750 | 10.03 | 35.314 | 27.21 |
| 800 | 8.94 | 35.198 | 27.30 |
| 850 | 7.94 | 35.124 | 27.40 |
| 900 | 7.10 | 35.103 | 27.51 |
| 950 | 6.34 | 35.079 | 27.59 |
| 1000 | 5.60 | 35.064 | 27.67 |
| 1500 | 4.21 | 34.998 | 27.78 |
| 2000 | 3.78 | 34.983 | 27.82 |
| 2500 | 3.37 | 34.965 | 27.84 |
| 3000 | 2.86 | 34.937 | 27.87 |
| 3500 | 2.64 | 34.922 | 27.88 |

RES-STACS26-86 CTD 4 RESEARCHER
Date 10 26 86 Latitude 26.532 N
Time 2228 Z Longitude 76.750 W



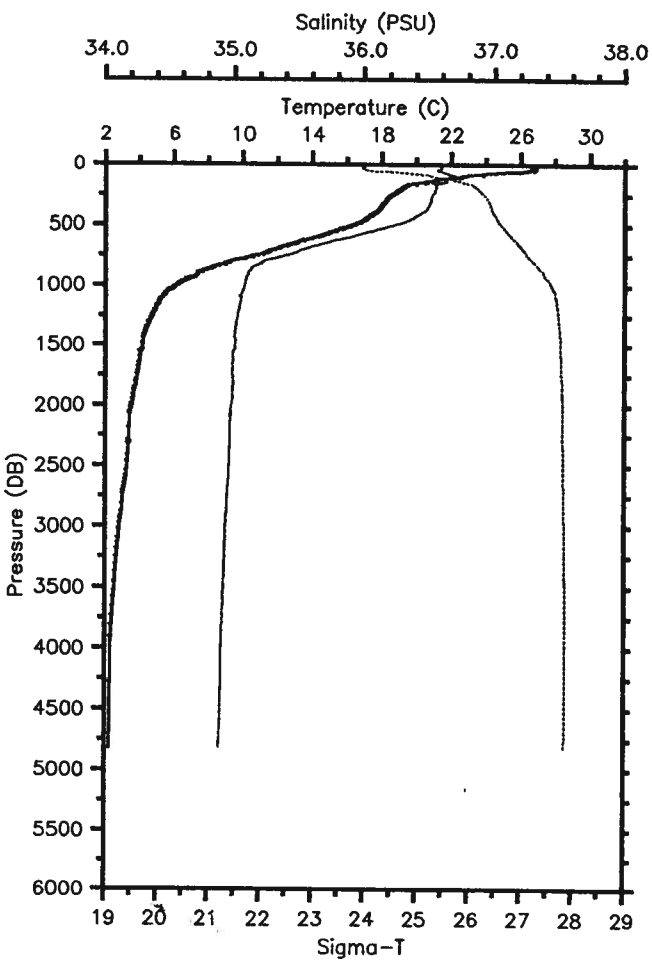

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.25 | 36.482 | 23.77 |
| 10 | 27.25 | 36.480 | 23.77 |
| 20 | 27.25 | 36.479 | 23.77 |
| 30 | 27.25 | 36.473 | 23.77 |
| 40 | 27.25 | 36.476 | 23.77 |
| 50 | 27.23 | 36.476 | 23.78 |
| 60 | 27.12 | 36.469 | 23.81 |
| 70 | 25.85 | 36.507 | 24.24 |
| 80 | 25.01 | 36.604 | 24.57 |
| 90 | 24.25 | 36.648 | 24.83 |
| 100 | 23.61 | 36.655 | 25.03 |
| 110 | 22.98 | 36.655 | 25.21 |
| 120 | 22.73 | 36.721 | 25.34 |
| 130 | 22.30 | 36.707 | 25.45 |
| 140 | 22.03 | 36.697 | 25.52 |
| 150 | 21.55 | 36.664 | 25.63 |
| 160 | 21.28 | 36.660 | 25.70 |
| 170 | 20.89 | 36.638 | 25.79 |
| 180 | 20.34 | 36.598 | 25.91 |
| 190 | 19.96 | 36.599 | 26.01 |
| 200 | 19.70 | 36.580 | 26.06 |
| 250 | 18.98 | 36.555 | 26.23 |
| 300 | 18.47 | 36.523 | 26.34 |
| 350 | 18.11 | 36.487 | 26.40 |
| 400 | 17.77 | 36.465 | 26.47 |
| 450 | 17.29 | 36.397 | 26.53 |
| 500 | 16.75 | 36.310 | 26.60 |
| 550 | 15.55 | 36.107 | 26.72 |
| 600 | 14.17 | 35.883 | 26.85 |
| 650 | 13.04 | 35.718 | 26.96 |
| 700 | 11.42 | 35.492 | 27.10 |
| 750 | 9.84 | 35.285 | 27.22 |
| 800 | 8.89 | 35.194 | 27.31 |
| 850 | 7.92 | 35.131 | 27.41 |
| 900 | 7.16 | 35.100 | 27.50 |
| 950 | 6.28 | 35.077 | 27.60 |
| 1000 | 5.70 | 35.068 | 27.66 |
| 1500 | 4.17 | 34.996 | 27.79 |
| 2000 | 3.79 | 34.983 | 27.82 |
| 2500 | 3.32 | 34.964 | 27.85 |
| 3000 | 2.84 | 34.936 | 27.87 |
| 3500 | 2.66 | 34.925 | 27.88 |
| 3632 | 2.62 | 34.922 | 27.88 |

RES-STACS26-86 CTD 5 RESEARCHER
Date 10 27 86 Latitude 26.582 N
Time 0730 Z Longitude 76.642 W



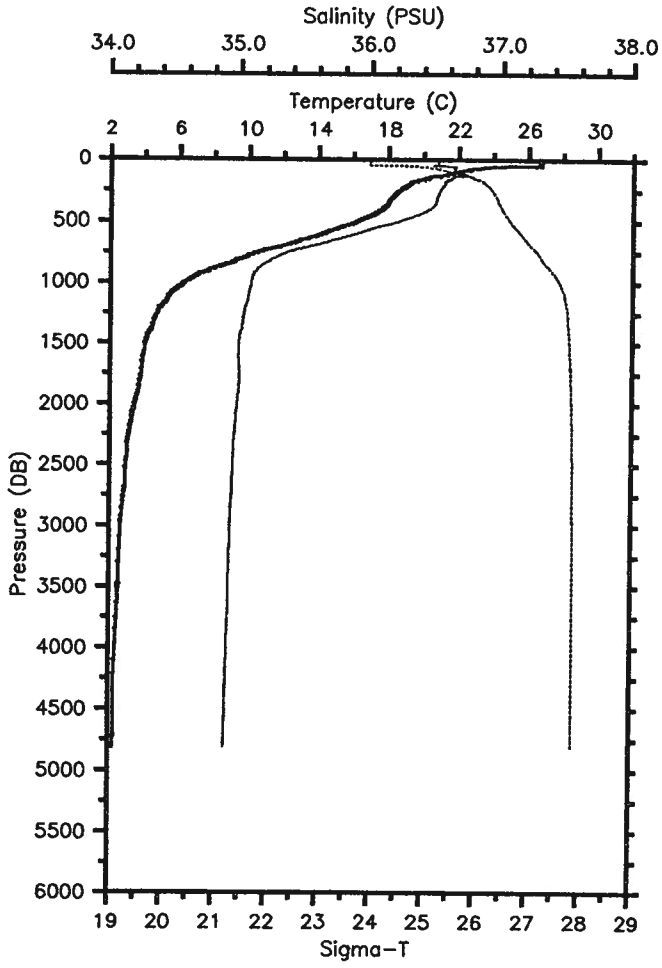

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.78 | 36.544 | 23.95 |
| 10 | 26.79 | 36.541 | 23.95 |
| 20 | 26.80 | 36.542 | 23.95 |
| 30 | 26.81 | 36.545 | 23.95 |
| 40 | 26.81 | 36.554 | 23.95 |
| 50 | 26.82 | 36.564 | 23.96 |
| 60 | 26.80 | 36.564 | 23.96 |
| 70 | 24.67 | 36.631 | 24.68 |
| 80 | 23.96 | 36.642 | 24.90 |
| 90 | 23.16 | 36.646 | 25.14 |
| 100 | 22.58 | 36.689 | 25.34 |
| 110 | 22.15 | 36.650 | 25.43 |
| 120 | 21.35 | 36.558 | 25.58 |
| 130 | 21.03 | 36.549 | 25.67 |
| 140 | 20.77 | 36.617 | 25.79 |
| 150 | 20.31 | 36.561 | 25.87 |
| 160 | 19.90 | 36.552 | 25.97 |
| 170 | 19.83 | 36.581 | 26.02 |
| 180 | 19.66 | 36.580 | 26.06 |
| 190 | 19.44 | 36.545 | 26.09 |
| 200 | 19.32 | 36.542 | 26.12 |
| 250 | 18.82 | 36.539 | 26.25 |
| 300 | 18.33 | 36.510 | 26.35 |
| 350 | 18.02 | 36.491 | 26.41 |
| 400 | 17.67 | 36.454 | 26.47 |
| 450 | 17.20 | 36.385 | 26.53 |
| 500 | 16.35 | 36.242 | 26.62 |
| 550 | 15.19 | 36.042 | 26.73 |
| 600 | 14.10 | 35.869 | 26.84 |
| 650 | 13.05 | 35.706 | 26.93 |
| 700 | 11.52 | 35.501 | 27.07 |
| 750 | 10.46 | 35.362 | 27.16 |
| 800 | 9.30 | 35.229 | 27.25 |
| 850 | 8.22 | 35.143 | 27.35 |
| 900 | 7.36 | 35.104 | 27.45 |
| 950 | 6.62 | 35.089 | 27.54 |
| 1000 | 6.16 | 35.079 | 27.59 |
| 1500 | 4.04 | 34.990 | 27.77 |
| 2000 | 3.71 | 34.981 | 27.80 |
| 2500 | 3.29 | 34.961 | 27.83 |
| 3000 | 2.89 | 34.937 | 27.85 |
| 3500 | 2.59 | 34.920 | 27.86 |
| 4000 | 2.35 | 34.903 | 27.87 |
| 4102 | 2.33 | 34.901 | 27.87 |

RES-STACS26-86 CTD 6 RESEARCHER
Date 10 27 86 Latitude 26.542 N
Time 2200 Z Longitude 76.524 W



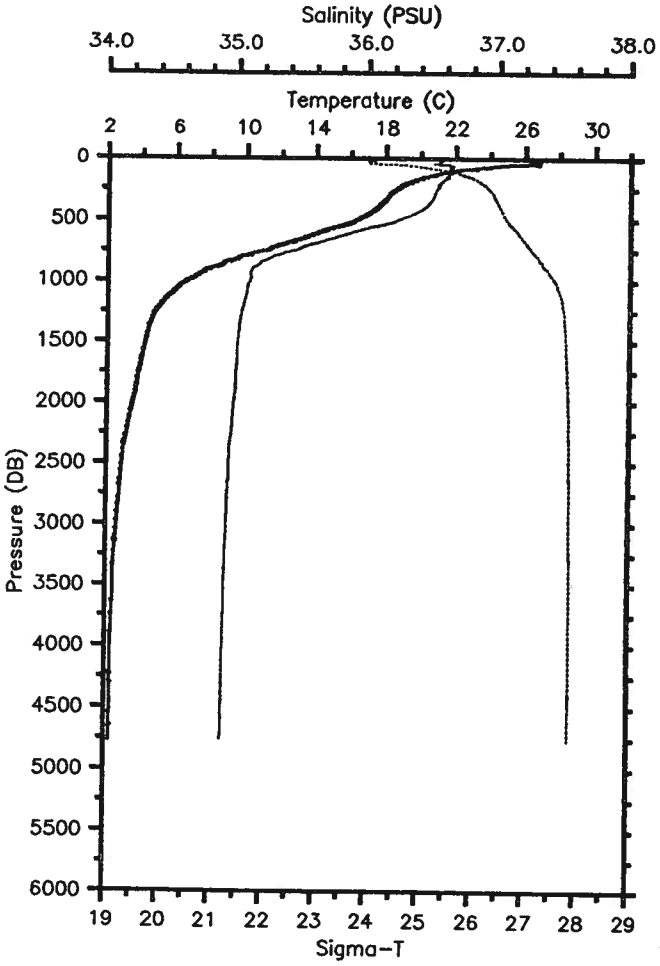

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.88 | 36.587 | 23.96 |
| 10 | 26.86 | 36.584 | 23.96 |
| 20 | 26.76 | 36.590 | 24.00 |
| 30 | 26.81 | 36.589 | 23.98 |
| 40 | 26.80 | 36.589 | 23.98 |
| 50 | 26.40 | 36.566 | 24.09 |
| 60 | 25.74 | 36.568 | 24.30 |
| 70 | 24.41 | 36.609 | 24.74 |
| 80 | 23.76 | 36.631 | 24.95 |
| 90 | 22.94 | 36.695 | 25.24 |
| 100 | 22.58 | 36.716 | 25.36 |
| 110 | 21.86 | 36.645 | 25.51 |
| 120 | 21.33 | 36.625 | 25.64 |
| 130 | 21.04 | 36.631 | 25.73 |
| 140 | 20.62 | 36.614 | 25.83 |
| 150 | 20.21 | 36.577 | 25.91 |
| 160 | 19.80 | 36.550 | 26.00 |
| 170 | 19.50 | 36.553 | 26.08 |
| 180 | 19.33 | 36.543 | 26.12 |
| 190 | 19.20 | 36.541 | 26.15 |
| 200 | 19.11 | 36.543 | 26.17 |
| 250 | 18.58 | 36.522 | 26.29 |
| 300 | 18.26 | 36.513 | 26.37 |
| 350 | 17.99 | 36.491 | 26.42 |
| 400 | 17.60 | 36.442 | 26.48 |
| 450 | 17.08 | 36.360 | 26.54 |
| 500 | 16.28 | 36.225 | 26.63 |
| 550 | 15.36 | 36.072 | 26.72 |
| 600 | 14.32 | 35.898 | 26.81 |
| 650 | 13.04 | 35.713 | 26.94 |
| 700 | 11.90 | 35.551 | 27.04 |
| 750 | 10.93 | 35.421 | 27.12 |
| 800 | 9.37 | 35.240 | 27.25 |
| 850 | 8.29 | 35.147 | 27.35 |
| 900 | 7.37 | 35.104 | 27.45 |
| 950 | 6.78 | 35.090 | 27.52 |
| 1000 | 6.12 | 35.080 | 27.60 |
| 1500 | 4.19 | 35.009 | 27.77 |
| 2000 | 3.52 | 34.977 | 27.82 |
| 2500 | 3.27 | 34.960 | 27.83 |
| 3000 | 2.83 | 34.935 | 27.85 |
| 3500 | 2.54 | 34.918 | 27.86 |
| 4000 | 2.33 | 34.902 | 27.87 |
| 4500 | 2.28 | 34.894 | 27.86 |
| 4810 | 2.27 | 34.888 | 27.86 |

RES-STACS26-86 CTD 7 RESEARCHER
Date 10 28 86 Latitude 26.519 N
Time 0736 Z Longitude 76.370 W




| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.71 | 36.509 | 23.97 |
| 10 | 26.71 | 36.509 | 23.97 |
| 20 | 26.72 | 36.509 | 23.97 |
| 30 | 26.72 | 36.509 | 23.97 |
| 40 | 26.72 | 36.509 | 23.96 |
| 50 | 25.12 | 36.535 | 24.49 |
| 60 | 23.60 | 36.634 | 25.01 |
| 70 | 23.18 | 36.632 | 25.14 |
| 80 | 22.66 | 36.637 | 25.29 |
| 90 | 22.22 | 36.643 | 25.42 |
| 100 | 21.82 | 36.638 | 25.53 |
| 110 | 21.64 | 36.704 | 25.63 |
| 120 | 21.34 | 36.705 | 25.72 |
| 130 | 20.95 | 36.696 | 25.82 |
| 140 | 20.39 | 36.630 | 25.92 |
| 150 | 20.18 | 36.610 | 25.96 |
| 160 | 19.95 | 36.608 | 26.02 |
| 170 | 19.64 | 36.584 | 26.08 |
| 180 | 19.34 | 36.559 | 26.14 |
| 190 | 19.25 | 36.562 | 26.17 |
| 200 | 19.18 | 36.565 | 26.19 |
| 250 | 18.60 | 36.526 | 26.31 |
| 300 | 18.24 | 36.506 | 26.38 |
| 350 | 18.00 | 36.492 | 26.43 |
| 400 | 17.62 | 36.450 | 26.49 |
| 450 | 17.01 | 36.352 | 26.57 |
| 500 | 16.19 | 36.209 | 26.65 |
| 550 | 15.16 | 36.034 | 26.75 |
| 600 | 14.23 | 35.894 | 26.85 |
| 650 | 13.11 | 35.725 | 26.95 |
| 700 | 11.97 | 35.558 | 27.05 |
| 750 | 10.51 | 35.369 | 27.17 |
| 800 | 9.60 | 35.263 | 27.24 |
| 850 | 8.69 | 35.178 | 27.33 |
| 900 | 7.69 | 35.123 | 27.44 |
| 950 | 6.87 | 35.092 | 27.53 |
| 1000 | 6.30 | 35.082 | 27.60 |
| 1500 | 4.03 | 34.989 | 27.80 |
| 2000 | 3.44 | 34.974 | 27.84 |
| 2500 | 2.95 | 34.945 | 27.87 |
| 3000 | 2.67 | 34.928 | 27.88 |
| 3500 | 2.55 | 34.919 | 27.88 |
| 4000 | 2.39 | 34.907 | 27.89 |
| 4500 | 2.31 | 34.896 | 27.88 |
| 4804 | 2.29 | 34.890 | 27.88 |

RES-STACS26-86 CTD 8 RESEARCHER
Date 10 28 86 Latitude 26.491 N
Time 1226 Z Longitude 76.130 W

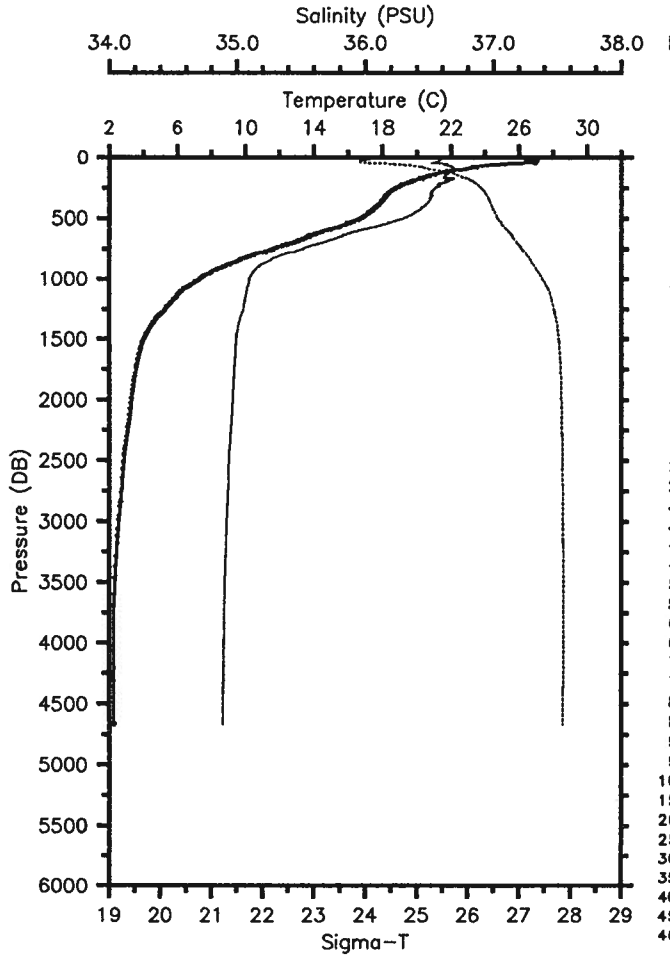



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.77 | 36.542 | 23.97 |
| 10 | 26.74 | 36.542 | 23.98 |
| 20 | 26.74 | 36.542 | 23.98 |
| 30 | 26.74 | 36.543 | 23.98 |
| 40 | 26.73 | 36.541 | 23.98 |
| 50 | 25.23 | 36.622 | 24.52 |
| 60 | 24.30 | 36.638 | 24.81 |
| 70 | 23.60 | 36.635 | 25.02 |
| 80 | 23.13 | 36.644 | 25.16 |
| 90 | 22.34 | 36.618 | 25.37 |
| 100 | 21.97 | 36.632 | 25.48 |
| 110 | 21.56 | 36.646 | 25.61 |
| 120 | 21.17 | 36.635 | 25.71 |
| 130 | 20.84 | 36.618 | 25.79 |
| 140 | 20.57 | 36.615 | 25.86 |
| 150 | 20.28 | 36.596 | 25.92 |
| 160 | 20.06 | 36.615 | 26.00 |
| 170 | 19.79 | 36.583 | 26.04 |
| 180 | 19.59 | 36.566 | 26.08 |
| 190 | 19.45 | 36.566 | 26.12 |
| 200 | 19.23 | 36.552 | 26.16 |
| 250 | 18.59 | 36.521 | 26.31 |
| 300 | 18.18 | 36.502 | 26.40 |
| 350 | 17.88 | 36.477 | 26.45 |
| 400 | 17.50 | 36.428 | 26.51 |
| 450 | 16.98 | 36.347 | 26.57 |
| 500 | 16.27 | 36.223 | 26.64 |
| 550 | 15.36 | 36.075 | 26.74 |
| 600 | 14.14 | 35.880 | 26.85 |
| 650 | 13.29 | 35.744 | 26.93 |
| 700 | 12.08 | 35.574 | 27.04 |
| 750 | 11.16 | 35.448 | 27.11 |
| 800 | 9.65 | 35.266 | 27.24 |
| 850 | 8.69 | 35.173 | 27.32 |
| 900 | 7.88 | 35.111 | 27.40 |
| 950 | 7.26 | 35.095 | 27.48 |
| 1000 | 6.54 | 35.095 | 27.58 |
| 1500 | 4.19 | 35.000 | 27.79 |
| 2000 | 3.49 | 34.975 | 27.84 |
| 2500 | 2.90 | 34.940 | 27.87 |
| 3000 | 2.63 | 34.924 | 27.88 |
| 3500 | 2.43 | 34.910 | 27.89 |
| 4000 | 2.34 | 34.903 | 27.89 |
| 4500 | 2.31 | 34.897 | 27.89 |
| 4760 | 2.29 | 34.891 | 27.88 |

RES-STACS26-86 CTD 9 RESEARCHER

Date 10 28 86 Latitude 26.493 N

Time 1704 Z Longitude 75.935 W

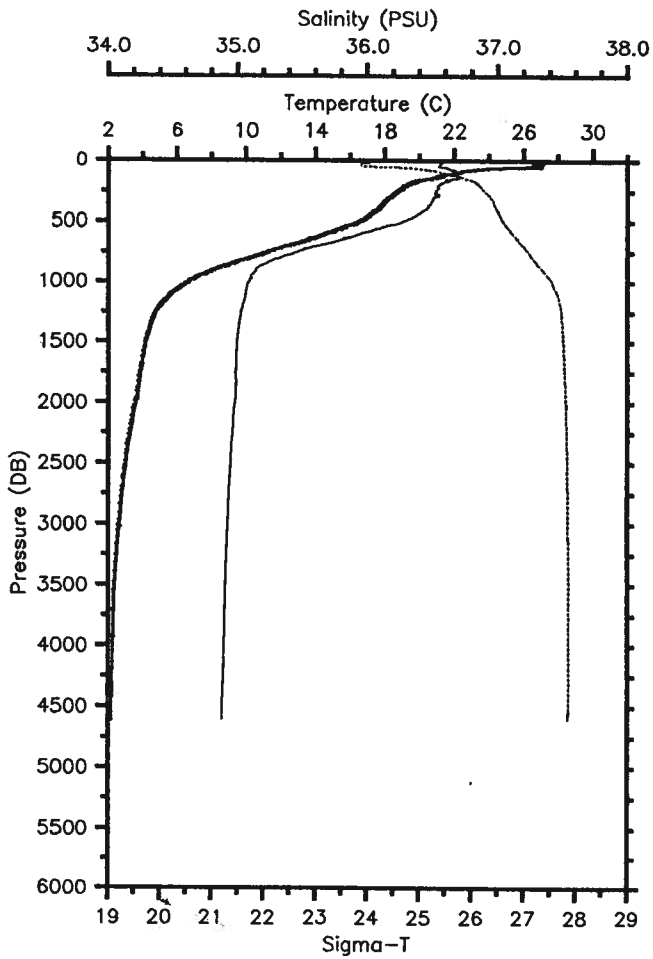



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.93 | 36.584 | 23.94 |
| 10 | 26.70 | 36.584 | 24.01 |
| 20 | 26.43 | 36.594 | 24.10 |
| 30 | 27.04 | 36.574 | 23.89 |
| 40 | 26.95 | 36.550 | 23.90 |
| 50 | 25.42 | 36.597 | 24.42 |
| 60 | 24.59 | 36.628 | 24.70 |
| 70 | 23.83 | 36.648 | 24.94 |
| 80 | 23.42 | 36.671 | 25.08 |
| 90 | 23.07 | 36.676 | 25.19 |
| 100 | 22.63 | 36.665 | 25.31 |
| 110 | 22.06 | 36.690 | 25.49 |
| 120 | 21.54 | 36.660 | 25.61 |
| 130 | 21.19 | 36.611 | 25.67 |
| 140 | 20.96 | 36.633 | 25.75 |
| 150 | 20.66 | 36.626 | 25.83 |
| 160 | 20.42 | 36.617 | 25.89 |
| 170 | 20.31 | 36.686 | 25.97 |
| 180 | 20.08 | 36.677 | 26.02 |
| 190 | 19.80 | 36.645 | 26.07 |
| 200 | 19.60 | 36.636 | 26.12 |
| 250 | 18.77 | 36.545 | 26.26 |
| 300 | 18.31 | 36.513 | 26.36 |
| 350 | 18.02 | 36.501 | 26.42 |
| 400 | 17.67 | 36.458 | 26.47 |
| 450 | 17.24 | 36.393 | 26.53 |
| 500 | 16.68 | 36.296 | 26.59 |
| 550 | 15.83 | 36.142 | 26.67 |
| 600 | 14.80 | 35.946 | 26.79 |
| 650 | 13.69 | 35.808 | 26.88 |
| 700 | 12.74 | 35.665 | 26.96 |
| 750 | 11.66 | 35.520 | 27.06 |
| 800 | 10.36 | 35.347 | 27.16 |
| 850 | 9.52 | 35.253 | 27.23 |
| 900 | 8.63 | 35.164 | 27.31 |
| 950 | 7.91 | 35.126 | 27.39 |
| 1000 | 7.32 | 35.100 | 27.45 |
| 1500 | 4.04 | 34.994 | 27.78 |
| 2000 | 3.32 | 34.968 | 27.83 |
| 2500 | 2.88 | 34.940 | 27.85 |
| 3000 | 2.57 | 34.923 | 27.86 |
| 3500 | 2.34 | 34.908 | 27.87 |
| 4000 | 2.27 | 34.900 | 27.87 |
| 4500 | 2.27 | 34.895 | 27.87 |
| 4686 | 2.31 | 34.894 | 27.86 |

RES-STACS26-86 CTD 10 RESEARCHER

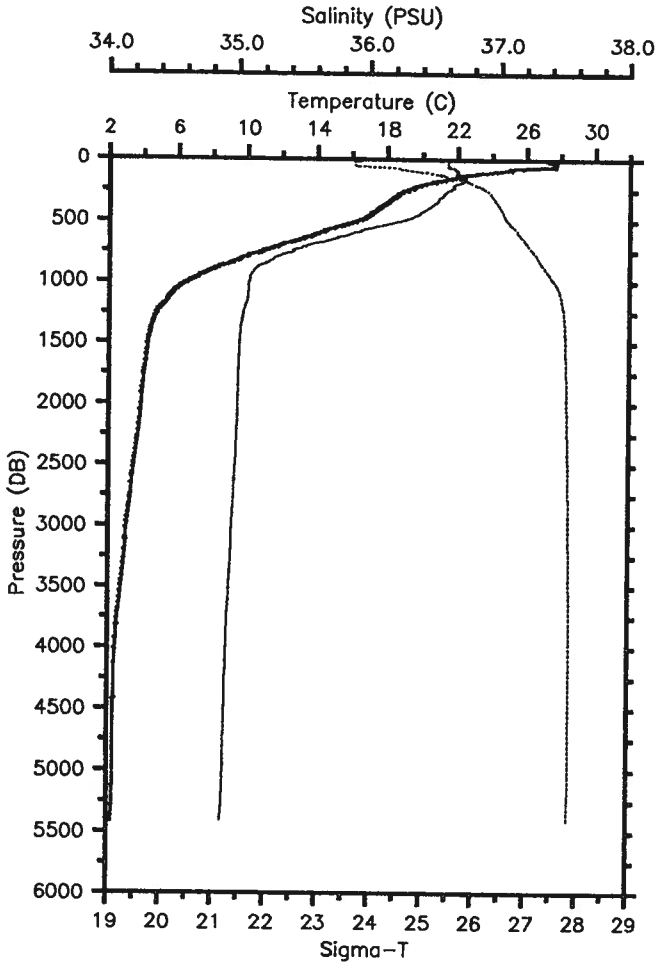
Date 10 28 86 Latitude 26.513 N

Time 2203 Z Longitude 75.461 W



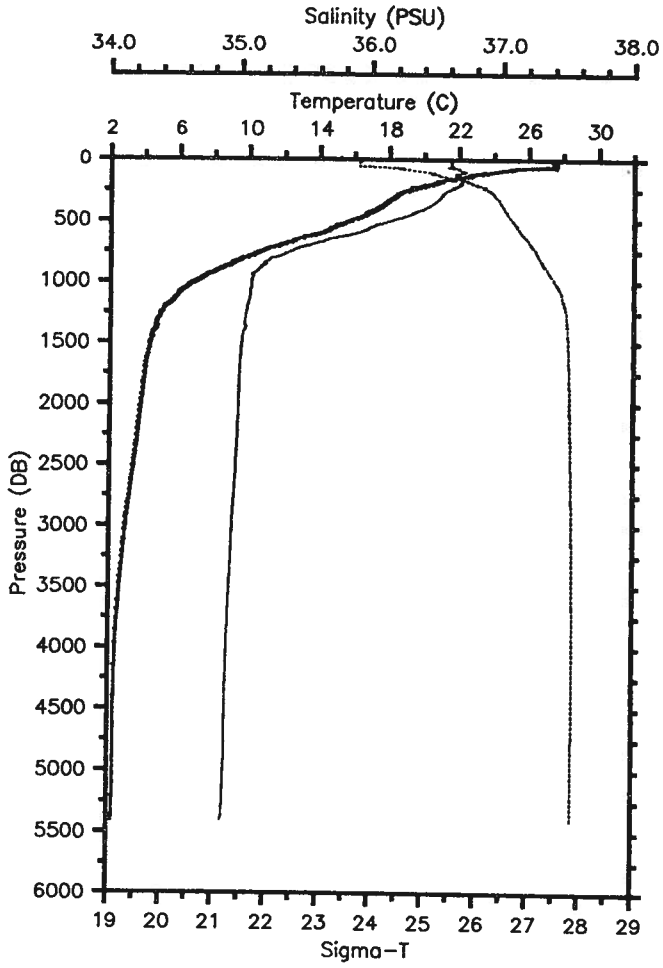

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.38 | 36.558 | 23.77 |
| 10 | 26.82 | 36.557 | 23.95 |
| 20 | 26.98 | 36.559 | 23.90 |
| 30 | 27.03 | 36.559 | 23.89 |
| 40 | 27.02 | 36.559 | 23.89 |
| 50 | 26.79 | 36.547 | 23.95 |
| 60 | 24.55 | 36.620 | 24.70 |
| 70 | 23.58 | 36.634 | 25.01 |
| 80 | 22.94 | 36.662 | 25.21 |
| 90 | 22.40 | 36.689 | 25.39 |
| 100 | 22.10 | 36.680 | 25.47 |
| 110 | 21.65 | 36.651 | 25.57 |
| 120 | 21.40 | 36.667 | 25.65 |
| 130 | 21.18 | 36.721 | 25.76 |
| 140 | 20.82 | 36.701 | 25.84 |
| 150 | 20.48 | 36.664 | 25.90 |
| 160 | 20.00 | 36.603 | 25.99 |
| 170 | 19.83 | 36.633 | 26.05 |
| 180 | 19.54 | 36.583 | 26.09 |
| 190 | 19.39 | 36.559 | 26.11 |
| 200 | 19.26 | 36.556 | 26.14 |
| 250 | 18.75 | 36.530 | 26.26 |
| 300 | 18.28 | 36.510 | 26.36 |
| 350 | 17.95 | 36.489 | 26.43 |
| 400 | 17.61 | 36.449 | 26.48 |
| 450 | 17.14 | 36.378 | 26.54 |
| 500 | 16.55 | 36.274 | 26.60 |
| 550 | 15.58 | 36.109 | 26.70 |
| 600 | 14.63 | 35.951 | 26.79 |
| 650 | 13.67 | 35.810 | 26.88 |
| 700 | 12.46 | 35.632 | 26.99 |
| 750 | 11.30 | 35.470 | 27.09 |
| 800 | 10.22 | 35.328 | 27.17 |
| 850 | 9.15 | 35.218 | 27.26 |
| 900 | 8.13 | 35.143 | 27.37 |
| 950 | 7.27 | 35.105 | 27.46 |
| 1000 | 6.68 | 35.092 | 27.54 |
| 1500 | 4.19 | 34.996 | 27.76 |
| 2000 | 3.62 | 34.981 | 27.81 |
| 2500 | 3.02 | 34.948 | 27.84 |
| 3000 | 2.65 | 34.924 | 27.86 |
| 3500 | 2.37 | 34.907 | 27.87 |
| 4000 | 2.26 | 34.896 | 27.87 |
| 4500 | 2.18 | 34.880 | 27.86 |
| 4604 | 2.19 | 34.879 | 27.86 |

RES-STACS26-86 CTD 11 RESEARCHER
Date 10 29 86 Latitude 24.282 N
Time 1938 Z Longitude 72.035 W




| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.69 | 36.596 | 23.70 |
| 10 | 27.69 | 36.593 | 23.70 |
| 20 | 27.68 | 36.591 | 23.70 |
| 30 | 27.66 | 36.590 | 23.71 |
| 40 | 27.65 | 36.593 | 23.71 |
| 50 | 27.65 | 36.597 | 23.71 |
| 60 | 27.57 | 36.595 | 23.74 |
| 70 | 25.60 | 36.615 | 24.38 |
| 80 | 25.13 | 36.647 | 24.55 |
| 90 | 24.62 | 36.664 | 24.72 |
| 100 | 24.04 | 36.665 | 24.89 |
| 110 | 23.23 | 36.673 | 25.14 |
| 120 | 22.81 | 36.651 | 25.24 |
| 130 | 22.52 | 36.662 | 25.33 |
| 140 | 22.08 | 36.681 | 25.48 |
| 150 | 21.70 | 36.671 | 25.57 |
| 160 | 21.42 | 36.728 | 25.69 |
| 170 | 21.21 | 36.727 | 25.75 |
| 180 | 20.79 | 36.714 | 25.86 |
| 190 | 20.56 | 36.696 | 25.91 |
| 200 | 20.20 | 36.667 | 25.98 |
| 250 | 19.17 | 36.616 | 26.21 |
| 300 | 18.50 | 36.554 | 26.34 |
| 350 | 18.01 | 36.506 | 26.42 |
| 400 | 17.49 | 36.439 | 26.50 |
| 450 | 17.04 | 36.369 | 26.56 |
| 500 | 16.31 | 36.242 | 26.63 |
| 550 | 15.16 | 36.048 | 26.75 |
| 600 | 14.12 | 35.879 | 26.84 |
| 650 | 13.14 | 35.732 | 26.93 |
| 700 | 11.91 | 35.543 | 27.03 |
| 750 | 10.91 | 35.424 | 27.12 |
| 800 | 9.83 | 35.290 | 27.21 |
| 850 | 8.94 | 35.204 | 27.29 |
| 900 | 8.04 | 35.122 | 27.36 |
| 950 | 7.21 | 35.090 | 27.46 |
| 1000 | 6.57 | 35.077 | 27.54 |
| 1500 | 4.26 | 35.005 | 27.76 |
| 2000 | 3.88 | 34.989 | 27.79 |
| 2500 | 3.48 | 34.973 | 27.82 |
| 3000 | 3.06 | 34.949 | 27.84 |
| 3500 | 2.75 | 34.929 | 27.85 |
| 4000 | 2.44 | 34.910 | 27.86 |
| 4500 | 2.35 | 34.899 | 27.86 |
| 5000 | 2.34 | 34.891 | 27.86 |
| 5404 | 2.24 | 34.871 | 27.85 |

RES-STACS26-86 CTD 12 RESEARCHER
Date 10 30 86 Latitude 23.948 N
Time 0140 Z Longitude 72.158 W

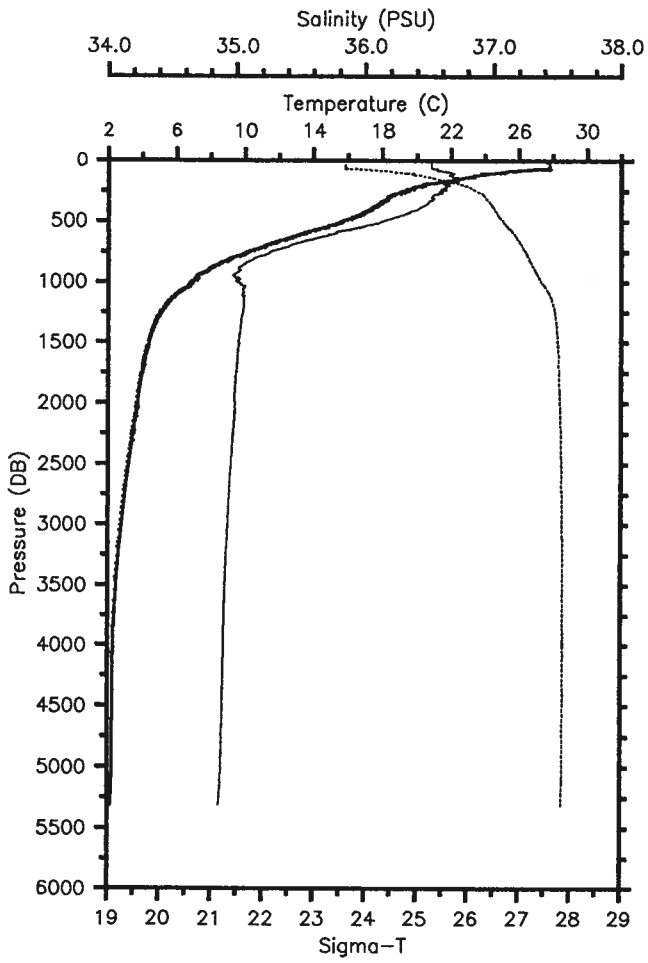



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.53 | 36.604 | 23.76 |
| 10 | 27.53 | 36.606 | 23.76 |
| 20 | 27.49 | 36.604 | 23.77 |
| 30 | 27.53 | 36.606 | 23.76 |
| 40 | 27.53 | 36.605 | 23.76 |
| 50 | 27.54 | 36.606 | 23.76 |
| 60 | 27.36 | 36.621 | 23.83 |
| 70 | 25.64 | 36.627 | 24.38 |
| 80 | 25.00 | 36.661 | 24.60 |
| 90 | 24.42 | 36.670 | 24.78 |
| 100 | 23.90 | 36.717 | 24.97 |
| 110 | 23.05 | 36.681 | 25.20 |
| 120 | 22.93 | 36.641 | 25.20 |
| 130 | 22.70 | 36.649 | 25.27 |
| 140 | 22.36 | 36.657 | 25.38 |
| 150 | 21.82 | 36.633 | 25.51 |
| 160 | 21.37 | 36.700 | 25.69 |
| 170 | 21.13 | 36.697 | 25.75 |
| 180 | 20.91 | 36.691 | 25.81 |
| 190 | 20.63 | 36.685 | 25.88 |
| 200 | 20.38 | 36.674 | 25.94 |
| 250 | 19.12 | 36.595 | 26.21 |
| 300 | 18.34 | 36.530 | 26.36 |
| 350 | 17.83 | 36.482 | 26.45 |
| 400 | 17.29 | 36.403 | 26.52 |
| 450 | 16.66 | 36.298 | 26.59 |
| 500 | 15.80 | 36.151 | 26.68 |
| 550 | 14.91 | 36.010 | 26.77 |
| 600 | 14.24 | 35.908 | 26.84 |
| 650 | 12.88 | 35.693 | 26.95 |
| 700 | 11.82 | 35.536 | 27.04 |
| 750 | 10.73 | 35.393 | 27.13 |
| 800 | 9.90 | 35.282 | 27.19 |
| 850 | 8.96 | 35.175 | 27.26 |
| 900 | 8.25 | 35.139 | 27.34 |
| 950 | 7.54 | 35.098 | 27.42 |
| 1000 | 6.88 | 35.079 | 27.50 |
| 1500 | 4.32 | 35.007 | 27.76 |
| 2000 | 3.82 | 34.986 | 27.79 |
| 2500 | 3.41 | 34.970 | 27.82 |
| 3000 | 2.95 | 34.944 | 27.84 |
| 3500 | 2.62 | 34.924 | 27.86 |
| 4000 | 2.41 | 34.909 | 27.86 |
| 4500 | 2.34 | 34.899 | 27.86 |
| 5000 | 2.33 | 34.891 | 27.86 |
| 5402 | 2.24 | 34.871 | 27.85 |

RES-STACS26-86 CTD 13 RESEARCHER

Date 10 30 86 Latitude 23.585 N

Time 0654 Z Longitude 72.293 W

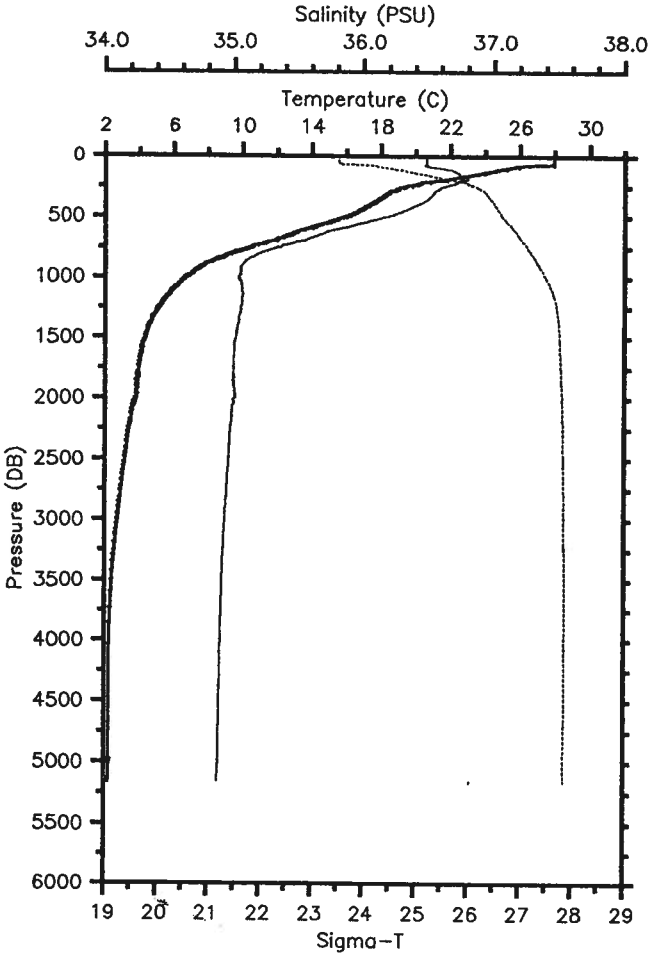



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.26 | 36.614 | 24.17 |
| 10 | 27.77 | 36.514 | 23.61 |
| 20 | 27.77 | 36.514 | 23.61 |
| 30 | 27.77 | 36.514 | 23.61 |
| 40 | 27.78 | 36.514 | 23.61 |
| 50 | 27.78 | 36.514 | 23.61 |
| 60 | 27.78 | 36.514 | 23.61 |
| 70 | 27.78 | 36.516 | 23.61 |
| 80 | 26.03 | 36.565 | 24.21 |
| 90 | 25.34 | 36.611 | 24.46 |
| 100 | 24.97 | 36.667 | 24.61 |
| 110 | 24.11 | 36.686 | 24.89 |
| 120 | 23.64 | 36.651 | 25.00 |
| 130 | 23.30 | 36.669 | 25.11 |
| 140 | 22.93 | 36.718 | 25.26 |
| 150 | 22.47 | 36.701 | 25.38 |
| 160 | 22.11 | 36.743 | 25.51 |
| 170 | 21.72 | 36.720 | 25.61 |
| 180 | 21.25 | 36.688 | 25.71 |
| 190 | 20.63 | 36.608 | 25.82 |
| 200 | 20.48 | 36.641 | 25.89 |
| 250 | 19.26 | 36.576 | 26.16 |
| 300 | 18.36 | 36.515 | 26.34 |
| 350 | 17.89 | 36.482 | 26.44 |
| 400 | 17.32 | 36.407 | 26.52 |
| 450 | 16.65 | 36.290 | 26.59 |
| 500 | 15.69 | 36.137 | 26.69 |
| 550 | 14.66 | 35.968 | 26.79 |
| 600 | 13.49 | 35.777 | 26.89 |
| 650 | 12.39 | 35.596 | 26.98 |
| 700 | 11.21 | 35.420 | 27.06 |
| 750 | 10.15 | 35.267 | 27.13 |
| 800 | 9.23 | 35.143 | 27.19 |
| 850 | 8.48 | 35.062 | 27.25 |
| 900 | 7.86 | 35.025 | 27.31 |
| 950 | 7.18 | 34.970 | 27.37 |
| 1000 | 6.90 | 35.002 | 27.43 |
| 1500 | 4.40 | 35.018 | 27.76 |
| 2000 | 3.75 | 34.988 | 27.80 |
| 2500 | 3.22 | 34.960 | 27.83 |
| 3000 | 2.80 | 34.933 | 27.85 |
| 3500 | 2.49 | 34.914 | 27.86 |
| 4000 | 2.33 | 34.901 | 27.86 |
| 4500 | 2.29 | 34.893 | 27.86 |
| 5000 | 2.26 | 34.882 | 27.86 |
| 5306 | 2.18 | 34.866 | 27.85 |

RES-STACS26-86 CTD 14 RESEARCHER

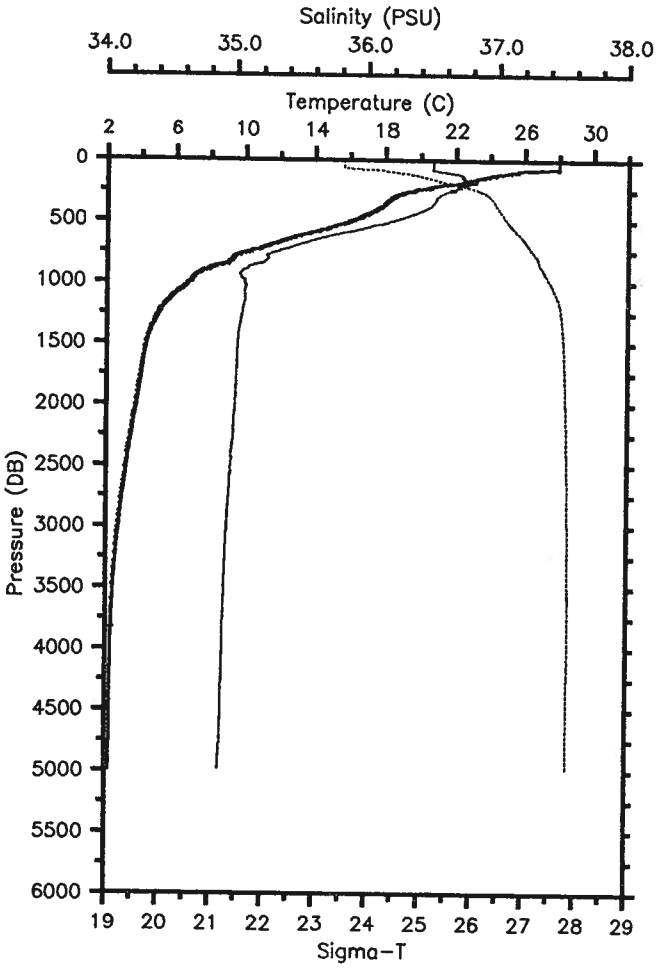
Date 10 30 86 Latitude 23.336 N

Time 1138 Z Longitude 72.404 W



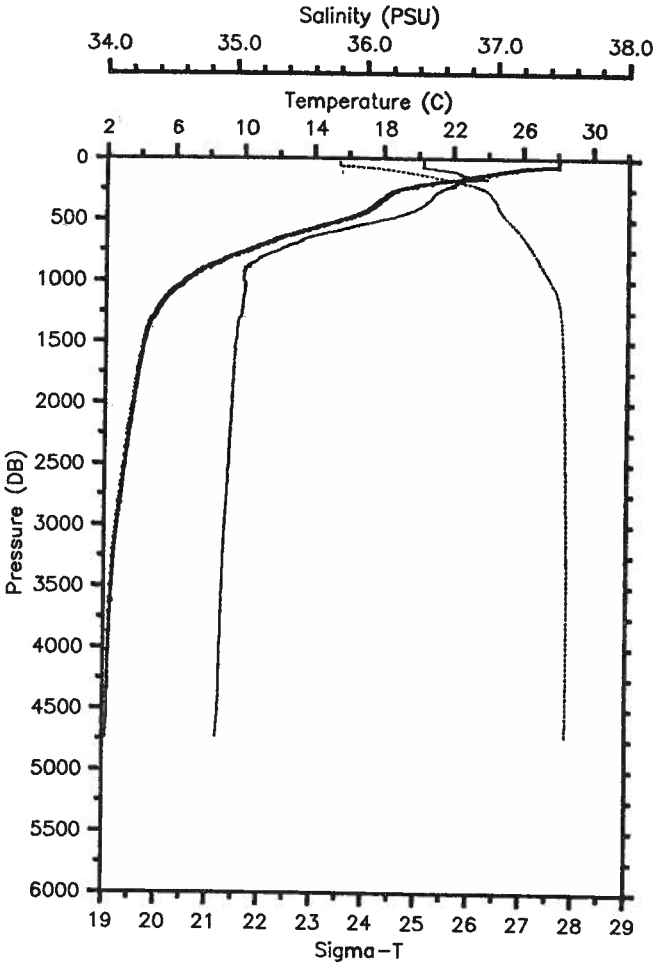

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.95 | 36.482 | 23.53 |
| 10 | 27.94 | 36.481 | 23.53 |
| 20 | 27.94 | 36.481 | 23.53 |
| 30 | 27.95 | 36.481 | 23.53 |
| 40 | 27.95 | 36.481 | 23.53 |
| 50 | 27.95 | 36.482 | 23.53 |
| 60 | 27.95 | 36.482 | 23.53 |
| 70 | 27.31 | 36.479 | 23.73 |
| 80 | 25.90 | 36.486 | 24.19 |
| 90 | 25.66 | 36.521 | 24.29 |
| 100 | 25.26 | 36.598 | 24.47 |
| 110 | 24.87 | 36.656 | 24.64 |
| 120 | 24.53 | 36.691 | 24.77 |
| 130 | 24.16 | 36.706 | 24.89 |
| 140 | 23.89 | 36.722 | 24.98 |
| 150 | 23.43 | 36.734 | 25.12 |
| 160 | 23.04 | 36.741 | 25.24 |
| 170 | 22.70 | 36.768 | 25.36 |
| 180 | 22.26 | 36.791 | 25.51 |
| 190 | 21.85 | 36.799 | 25.63 |
| 200 | 21.40 | 36.768 | 25.73 |
| 250 | 19.45 | 36.623 | 26.15 |
| 300 | 18.47 | 36.542 | 26.34 |
| 350 | 17.93 | 36.494 | 26.44 |
| 400 | 17.37 | 36.416 | 26.51 |
| 450 | 16.75 | 36.313 | 26.58 |
| 500 | 16.01 | 36.190 | 26.66 |
| 550 | 14.94 | 36.014 | 26.77 |
| 600 | 13.74 | 35.813 | 26.87 |
| 650 | 12.72 | 35.661 | 26.96 |
| 700 | 11.82 | 35.539 | 27.04 |
| 750 | 10.52 | 35.358 | 27.14 |
| 800 | 9.35 | 35.206 | 27.22 |
| 850 | 8.44 | 35.111 | 27.29 |
| 900 | 7.74 | 35.063 | 27.36 |
| 950 | 7.20 | 35.052 | 27.43 |
| 1000 | 6.67 | 35.032 | 27.49 |
| 1500 | 4.34 | 35.014 | 27.76 |
| 2000 | 3.78 | 35.001 | 27.81 |
| 2500 | 3.16 | 34.960 | 27.84 |
| 3000 | 2.74 | 34.932 | 27.85 |
| 3500 | 2.41 | 34.910 | 27.87 |
| 4000 | 2.28 | 34.898 | 27.87 |
| 4500 | 2.27 | 34.891 | 27.86 |
| 5000 | 2.28 | 34.884 | 27.86 |
| 5154 | 2.23 | 34.875 | 27.85 |

RES-STACS26-86 CTD 15 RESEARCHER
Date 10 30 86 Latitude 23.068 N
Time 1632 Z Longitude 72.510 W



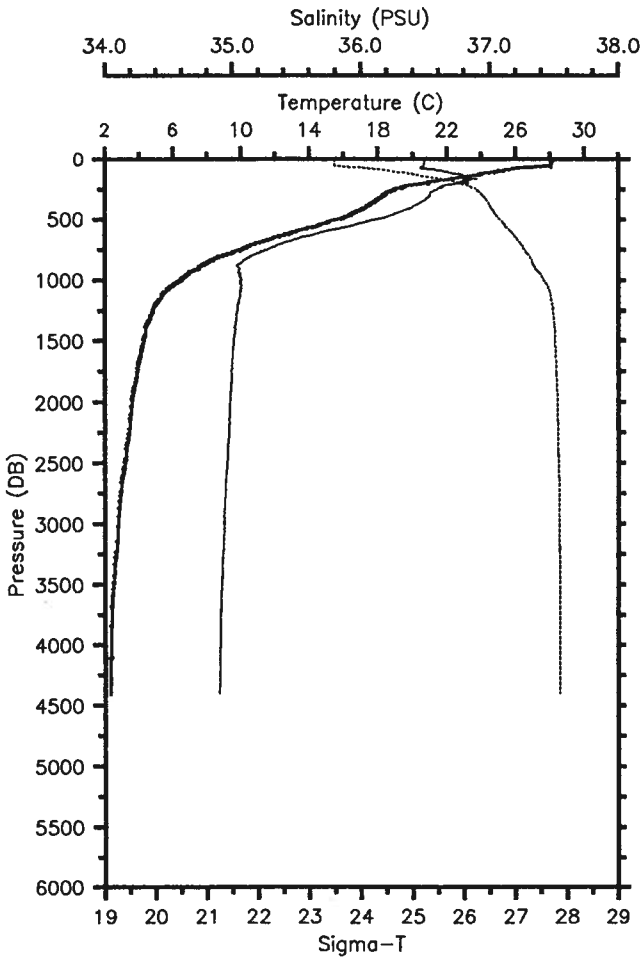

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.96 | 36.496 | 23.54 |
| 10 | 27.96 | 36.495 | 23.54 |
| 20 | 27.96 | 36.495 | 23.54 |
| 30 | 27.95 | 36.495 | 23.54 |
| 40 | 27.95 | 36.495 | 23.54 |
| 50 | 27.95 | 36.495 | 23.54 |
| 60 | 27.95 | 36.494 | 23.54 |
| 70 | 27.93 | 36.491 | 23.54 |
| 80 | 26.41 | 36.491 | 24.03 |
| 90 | 25.61 | 36.539 | 24.32 |
| 100 | 25.22 | 36.585 | 24.47 |
| 110 | 24.78 | 36.665 | 24.67 |
| 120 | 24.32 | 36.707 | 24.84 |
| 130 | 23.96 | 36.724 | 24.96 |
| 140 | 23.63 | 36.731 | 25.06 |
| 150 | 23.23 | 36.729 | 25.18 |
| 160 | 23.08 | 36.733 | 25.23 |
| 170 | 22.73 | 36.729 | 25.32 |
| 180 | 22.41 | 36.749 | 25.43 |
| 190 | 22.18 | 36.824 | 25.56 |
| 200 | 21.44 | 36.737 | 25.70 |
| 250 | 19.58 | 36.641 | 26.13 |
| 300 | 18.49 | 36.537 | 26.33 |
| 350 | 18.05 | 36.503 | 26.41 |
| 400 | 17.57 | 36.446 | 26.49 |
| 450 | 16.87 | 36.333 | 26.57 |
| 500 | 16.03 | 36.192 | 26.66 |
| 550 | 14.98 | 36.015 | 26.76 |
| 600 | 13.72 | 35.814 | 26.88 |
| 650 | 12.45 | 35.621 | 26.98 |
| 700 | 11.41 | 35.470 | 27.07 |
| 750 | 10.32 | 35.327 | 27.15 |
| 800 | 9.34 | 35.235 | 27.25 |
| 850 | 9.01 | 35.200 | 27.27 |
| 900 | 7.82 | 35.067 | 27.35 |
| 950 | 7.10 | 35.032 | 27.43 |
| 1000 | 6.82 | 35.062 | 27.49 |
| 1500 | 4.32 | 35.008 | 27.76 |
| 2000 | 3.74 | 34.989 | 27.80 |
| 2500 | 3.17 | 34.957 | 27.83 |
| 3000 | 2.73 | 34.931 | 27.85 |
| 3500 | 2.43 | 34.912 | 27.87 |
| 4000 | 2.31 | 34.900 | 27.87 |
| 4500 | 2.27 | 34.892 | 27.86 |
| 4982 | 2.19 | 34.873 | 27.85 |

RES-STACS26-86 CTD 16 RESEARCHER
Date 10 30 86 Latitude 22.826 N
Time 2125 Z Longitude 72.612 W



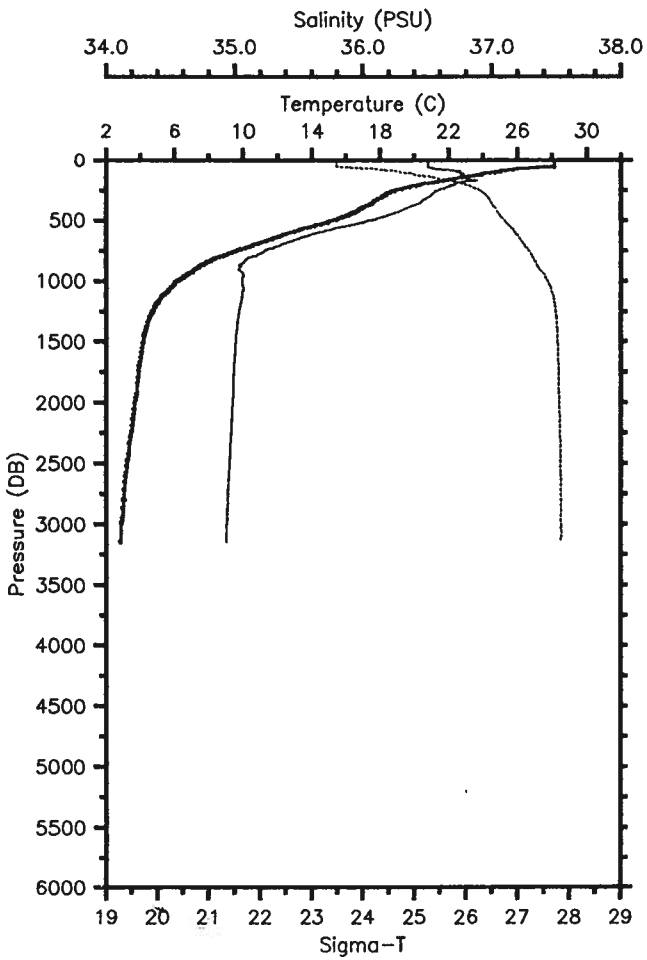

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.02 | 36.438 | 23.47 |
| 10 | 28.03 | 36.438 | 23.47 |
| 20 | 27.98 | 36.436 | 23.48 |
| 30 | 27.98 | 36.437 | 23.49 |
| 40 | 27.98 | 36.437 | 23.49 |
| 50 | 27.98 | 36.436 | 23.48 |
| 60 | 27.97 | 36.437 | 23.49 |
| 70 | 27.47 | 36.434 | 23.65 |
| 80 | 26.29 | 36.431 | 24.03 |
| 90 | 25.75 | 36.519 | 24.26 |
| 100 | 25.32 | 36.604 | 24.46 |
| 110 | 24.72 | 36.674 | 24.69 |
| 120 | 24.41 | 36.701 | 24.81 |
| 130 | 23.94 | 36.728 | 24.97 |
| 140 | 23.48 | 36.747 | 25.12 |
| 150 | 23.15 | 36.797 | 25.26 |
| 160 | 23.05 | 36.856 | 25.33 |
| 170 | 22.53 | 36.869 | 25.49 |
| 180 | 21.97 | 36.764 | 25.57 |
| 190 | 21.40 | 36.708 | 25.69 |
| 200 | 20.79 | 36.690 | 25.84 |
| 250 | 19.14 | 36.598 | 26.21 |
| 300 | 18.26 | 36.515 | 26.37 |
| 350 | 17.81 | 36.478 | 26.45 |
| 400 | 17.41 | 36.421 | 26.51 |
| 450 | 16.77 | 36.314 | 26.58 |
| 500 | 15.87 | 36.163 | 26.67 |
| 550 | 14.56 | 35.947 | 26.80 |
| 600 | 13.47 | 35.775 | 26.90 |
| 650 | 12.27 | 35.584 | 26.99 |
| 700 | 11.38 | 35.478 | 27.08 |
| 750 | 10.41 | 35.354 | 27.16 |
| 800 | 9.46 | 35.233 | 27.23 |
| 850 | 8.64 | 35.156 | 27.30 |
| 900 | 7.81 | 35.080 | 27.37 |
| 950 | 7.24 | 35.071 | 27.44 |
| 1000 | 6.89 | 35.061 | 27.51 |
| 1500 | 4.27 | 35.007 | 27.76 |
| 2000 | 3.69 | 34.984 | 27.81 |
| 2500 | 3.21 | 34.962 | 27.84 |
| 3000 | 2.76 | 34.932 | 27.85 |
| 3500 | 2.45 | 34.913 | 27.86 |
| 4000 | 2.32 | 34.901 | 27.87 |
| 4500 | 2.26 | 34.890 | 27.86 |
| 4728 | 2.17 | 34.878 | 27.86 |

RES-STACS26-86 CTD 17 RESEARCHER
Date 10 31 86 Latitude 22.573 N
Time 0156 Z Longitude 72.709 W



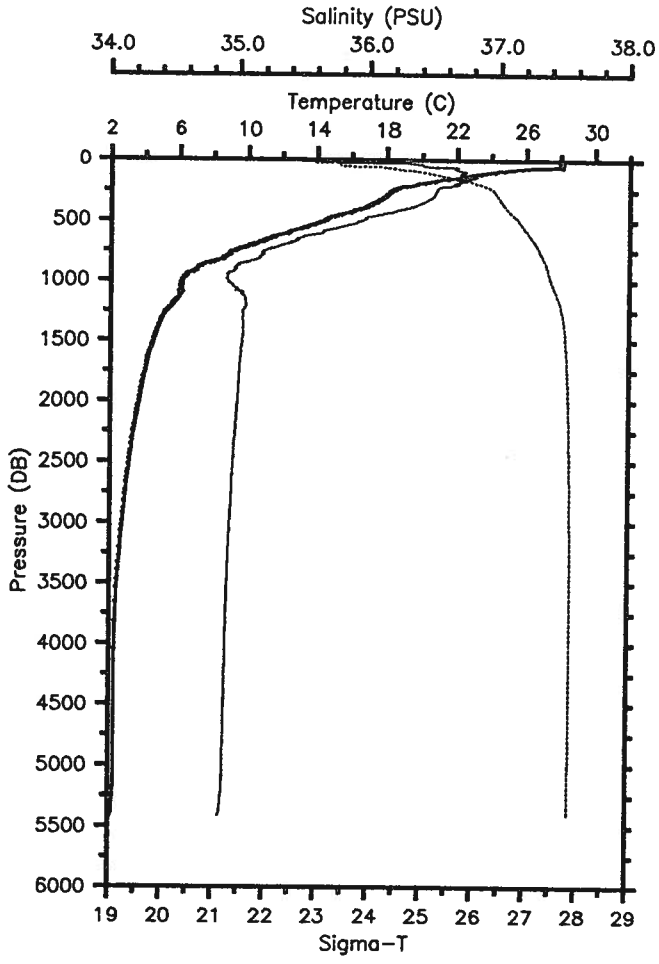

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.10 | 36.495 | 23.49 |
| 10 | 28.09 | 36.494 | 23.49 |
| 20 | 28.09 | 36.493 | 23.49 |
| 30 | 28.09 | 36.493 | 23.49 |
| 40 | 28.09 | 36.492 | 23.49 |
| 50 | 28.08 | 36.490 | 23.49 |
| 60 | 28.07 | 36.485 | 23.49 |
| 70 | 26.73 | 36.469 | 23.91 |
| 80 | 25.87 | 36.479 | 24.19 |
| 90 | 25.33 | 36.587 | 24.44 |
| 100 | 24.97 | 36.639 | 24.59 |
| 110 | 24.55 | 36.687 | 24.76 |
| 120 | 24.03 | 36.712 | 24.93 |
| 130 | 23.83 | 36.789 | 25.05 |
| 140 | 23.44 | 36.796 | 25.17 |
| 150 | 22.90 | 36.786 | 25.32 |
| 160 | 22.31 | 36.793 | 25.49 |
| 170 | 22.04 | 36.825 | 25.60 |
| 180 | 21.48 | 36.843 | 25.77 |
| 190 | 21.05 | 36.786 | 25.84 |
| 200 | 20.94 | 36.833 | 25.91 |
| 250 | 19.01 | 36.594 | 26.24 |
| 300 | 18.32 | 36.531 | 26.37 |
| 350 | 17.83 | 36.482 | 26.45 |
| 400 | 17.28 | 36.401 | 26.52 |
| 450 | 16.57 | 36.285 | 26.60 |
| 500 | 15.70 | 36.133 | 26.69 |
| 550 | 14.59 | 35.952 | 26.80 |
| 600 | 13.23 | 35.731 | 26.91 |
| 650 | 12.00 | 35.543 | 27.01 |
| 700 | 10.87 | 35.394 | 27.11 |
| 750 | 10.00 | 35.279 | 27.17 |
| 800 | 8.95 | 35.164 | 27.25 |
| 850 | 8.10 | 35.078 | 27.32 |
| 900 | 7.58 | 35.052 | 27.38 |
| 950 | 6.94 | 35.065 | 27.48 |
| 1000 | 6.48 | 35.071 | 27.55 |
| 1500 | 4.30 | 35.014 | 27.77 |
| 2000 | 3.61 | 34.983 | 27.81 |
| 2500 | 3.22 | 34.961 | 27.83 |
| 3000 | 2.81 | 34.935 | 27.85 |
| 3500 | 2.52 | 34.917 | 27.86 |
| 4000 | 2.38 | 34.905 | 27.86 |
| 4402 | 2.34 | 34.899 | 27.86 |

RES-STACS26-86 CTD 18 RESEARCHER
Date 10 31 86 Latitude 22.467 N
Time 0516 Z Longitude 72.763 W



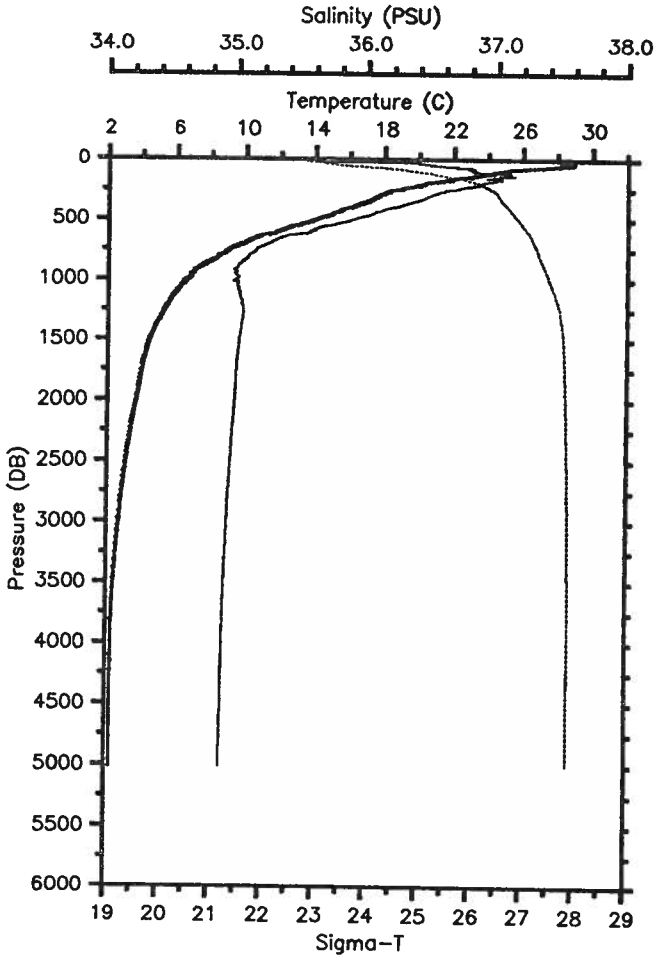

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.11 | 36.506 | 23.49 |
| 10 | 28.12 | 36.506 | 23.49 |
| 20 | 28.12 | 36.506 | 23.49 |
| 30 | 28.12 | 36.506 | 23.49 |
| 40 | 28.13 | 36.505 | 23.49 |
| 50 | 28.13 | 36.506 | 23.49 |
| 60 | 27.63 | 36.519 | 23.66 |
| 70 | 26.39 | 36.554 | 24.09 |
| 80 | 25.71 | 36.638 | 24.36 |
| 90 | 25.01 | 36.726 | 24.65 |
| 100 | 24.73 | 36.730 | 24.73 |
| 110 | 24.05 | 36.782 | 24.98 |
| 120 | 23.86 | 36.778 | 25.03 |
| 130 | 23.31 | 36.807 | 25.22 |
| 140 | 22.84 | 36.814 | 25.36 |
| 150 | 22.44 | 36.794 | 25.46 |
| 160 | 22.01 | 36.827 | 25.60 |
| 170 | 21.84 | 36.889 | 25.70 |
| 180 | 21.29 | 36.793 | 25.78 |
| 190 | 20.76 | 36.731 | 25.88 |
| 200 | 20.33 | 36.712 | 25.98 |
| 250 | 18.86 | 36.584 | 26.27 |
| 300 | 18.11 | 36.519 | 26.41 |
| 350 | 17.59 | 36.451 | 26.49 |
| 400 | 16.87 | 36.335 | 26.57 |
| 450 | 16.20 | 36.220 | 26.64 |
| 500 | 15.25 | 36.061 | 26.74 |
| 550 | 14.03 | 35.866 | 26.85 |
| 600 | 12.74 | 35.655 | 26.95 |
| 650 | 11.71 | 35.505 | 27.04 |
| 700 | 10.60 | 35.358 | 27.13 |
| 750 | 9.59 | 35.238 | 27.21 |
| 800 | 8.64 | 35.136 | 27.28 |
| 850 | 7.84 | 35.071 | 27.35 |
| 900 | 7.18 | 35.038 | 27.42 |
| 950 | 6.69 | 35.070 | 27.52 |
| 1000 | 6.13 | 35.059 | 27.58 |
| 1500 | 4.19 | 35.010 | 27.77 |
| 2000 | 3.68 | 34.986 | 27.81 |
| 2500 | 3.23 | 34.963 | 27.83 |
| 3000 | 2.88 | 34.940 | 27.85 |
| 3142 | 2.85 | 34.937 | 27.85 |

RES-STACS26-86 CTD 19 RESEARCHER
Date 11 01 86 Latitude 21.168 N
Time 1350 Z Longitude 66.119 W



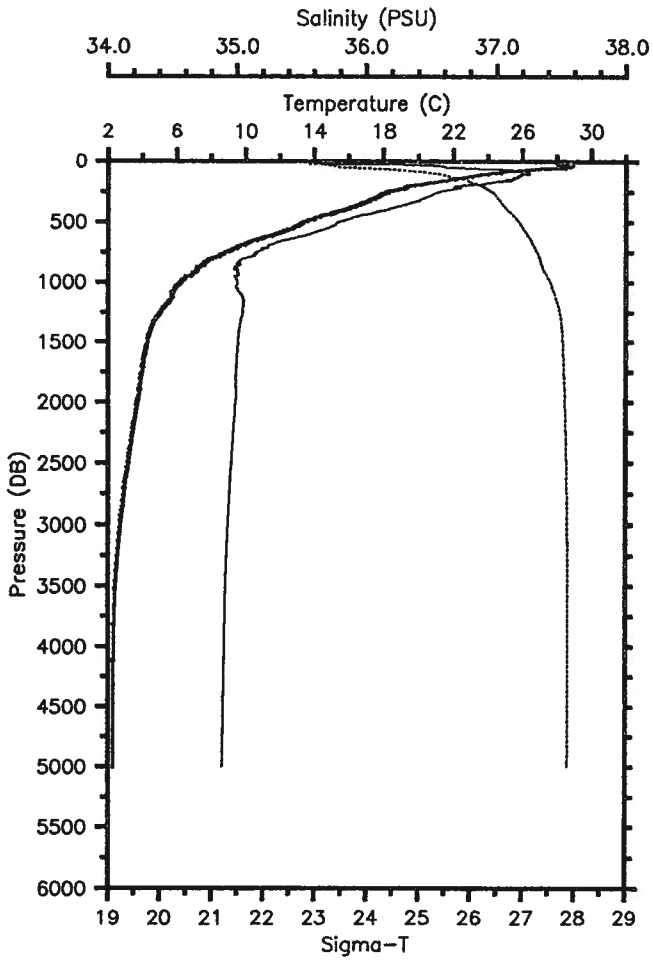

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.92 | 35.594 | 22.89 |
| 10 | 27.93 | 35.627 | 22.91 |
| 20 | 27.93 | 35.627 | 22.91 |
| 30 | 28.06 | 36.292 | 23.37 |
| 40 | 28.10 | 36.401 | 23.43 |
| 50 | 28.10 | 36.410 | 23.44 |
| 60 | 26.43 | 36.644 | 24.16 |
| 70 | 25.72 | 36.646 | 24.38 |
| 80 | 25.08 | 36.671 | 24.60 |
| 90 | 24.33 | 36.710 | 24.86 |
| 100 | 23.84 | 36.730 | 25.02 |
| 110 | 23.41 | 36.729 | 25.14 |
| 120 | 22.84 | 36.705 | 25.29 |
| 130 | 22.56 | 36.763 | 25.42 |
| 140 | 22.23 | 36.825 | 25.56 |
| 150 | 21.76 | 36.773 | 25.65 |
| 160 | 21.12 | 36.686 | 25.76 |
| 170 | 20.78 | 36.751 | 25.91 |
| 180 | 20.37 | 36.683 | 25.96 |
| 190 | 20.00 | 36.664 | 26.05 |
| 200 | 19.72 | 36.676 | 26.13 |
| 250 | 18.32 | 36.517 | 26.37 |
| 300 | 17.91 | 36.489 | 26.45 |
| 350 | 17.32 | 36.413 | 26.54 |
| 400 | 16.51 | 36.274 | 26.63 |
| 450 | 15.35 | 36.086 | 26.75 |
| 500 | 14.38 | 35.949 | 26.86 |
| 550 | 13.43 | 35.797 | 26.94 |
| 600 | 12.39 | 35.645 | 27.03 |
| 650 | 11.27 | 35.469 | 27.11 |
| 700 | 10.36 | 35.364 | 27.19 |
| 750 | 9.27 | 35.208 | 27.26 |
| 800 | 8.72 | 35.166 | 27.31 |
| 850 | 7.70 | 35.037 | 27.37 |
| 900 | 7.01 | 34.958 | 27.40 |
| 950 | 6.45 | 34.910 | 27.44 |
| 1000 | 6.13 | 34.908 | 27.48 |
| 1500 | 4.51 | 35.023 | 27.77 |
| 2000 | 3.69 | 34.988 | 27.83 |
| 2500 | 3.14 | 34.956 | 27.86 |
| 3000 | 2.75 | 34.933 | 27.88 |
| 3500 | 2.45 | 34.913 | 27.89 |
| 4000 | 2.33 | 34.902 | 27.89 |
| 4500 | 2.31 | 34.895 | 27.88 |
| 5000 | 2.30 | 34.887 | 27.88 |
| 5412 | 2.10 | 34.854 | 27.87 |

RES-STACS26-86 CTD 20 RESEARCHER
Date 11 01 86 Latitude 20.836 N
Time 2016 Z Longitude 66.152 W



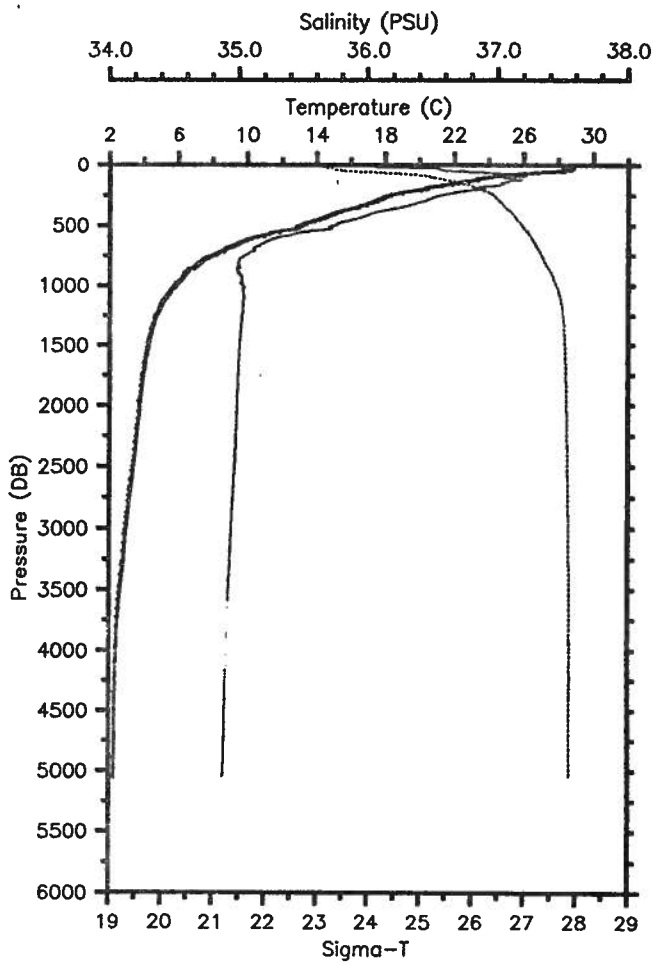

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.13 | 35.604 | 22.83 |
| 10 | 28.13 | 35.604 | 22.83 |
| 20 | 28.13 | 35.606 | 22.83 |
| 30 | 28.76 | 36.398 | 23.21 |
| 40 | 28.65 | 36.436 | 23.28 |
| 50 | 28.25 | 36.514 | 23.47 |
| 60 | 27.44 | 36.599 | 23.80 |
| 70 | 26.48 | 36.734 | 24.21 |
| 80 | 25.52 | 36.822 | 24.58 |
| 90 | 24.89 | 36.800 | 24.76 |
| 100 | 24.40 | 36.818 | 24.92 |
| 110 | 24.23 | 36.985 | 25.09 |
| 120 | 23.92 | 37.087 | 25.26 |
| 130 | 23.52 | 37.074 | 25.37 |
| 140 | 23.05 | 37.069 | 25.51 |
| 150 | 22.32 | 36.987 | 25.64 |
| 160 | 21.89 | 37.025 | 25.81 |
| 170 | 21.51 | 36.988 | 25.88 |
| 180 | 21.18 | 36.964 | 25.96 |
| 190 | 20.81 | 36.906 | 26.07 |
| 200 | 20.31 | 36.883 | 26.13 |
| 250 | 18.85 | 36.675 | 26.36 |
| 300 | 17.67 | 36.481 | 26.50 |
| 350 | 16.93 | 36.359 | 26.59 |
| 400 | 15.98 | 36.198 | 26.69 |
| 450 | 15.01 | 36.045 | 26.79 |
| 500 | 14.08 | 35.889 | 26.88 |
| 550 | 13.03 | 35.732 | 26.97 |
| 600 | 11.99 | 35.577 | 27.06 |
| 650 | 10.57 | 35.345 | 27.14 |
| 700 | 9.81 | 35.248 | 27.20 |
| 750 | 9.04 | 35.151 | 27.25 |
| 800 | 8.42 | 35.082 | 27.29 |
| 850 | 7.95 | 35.053 | 27.34 |
| 900 | 7.30 | 35.000 | 27.40 |
| 950 | 6.85 | 34.986 | 27.45 |
| 1000 | 6.53 | 34.985 | 27.49 |
| 1500 | 4.43 | 35.016 | 27.77 |
| 2000 | 3.69 | 34.984 | 27.83 |
| 2500 | 3.12 | 34.954 | 27.86 |
| 3000 | 2.72 | 34.930 | 27.88 |
| 3500 | 2.44 | 34.910 | 27.89 |
| 4000 | 2.32 | 34.900 | 27.89 |
| 4500 | 2.30 | 34.894 | 27.88 |
| 5000 | 2.29 | 34.885 | 27.88 |
| 5006 | 2.29 | 34.885 | 27.88 |

RES-STACS26-86 CTD 21 RESEARCHER
Date 11 02 86 Latitude 20.312 N
Time 0538 Z Longitude 66.195 W



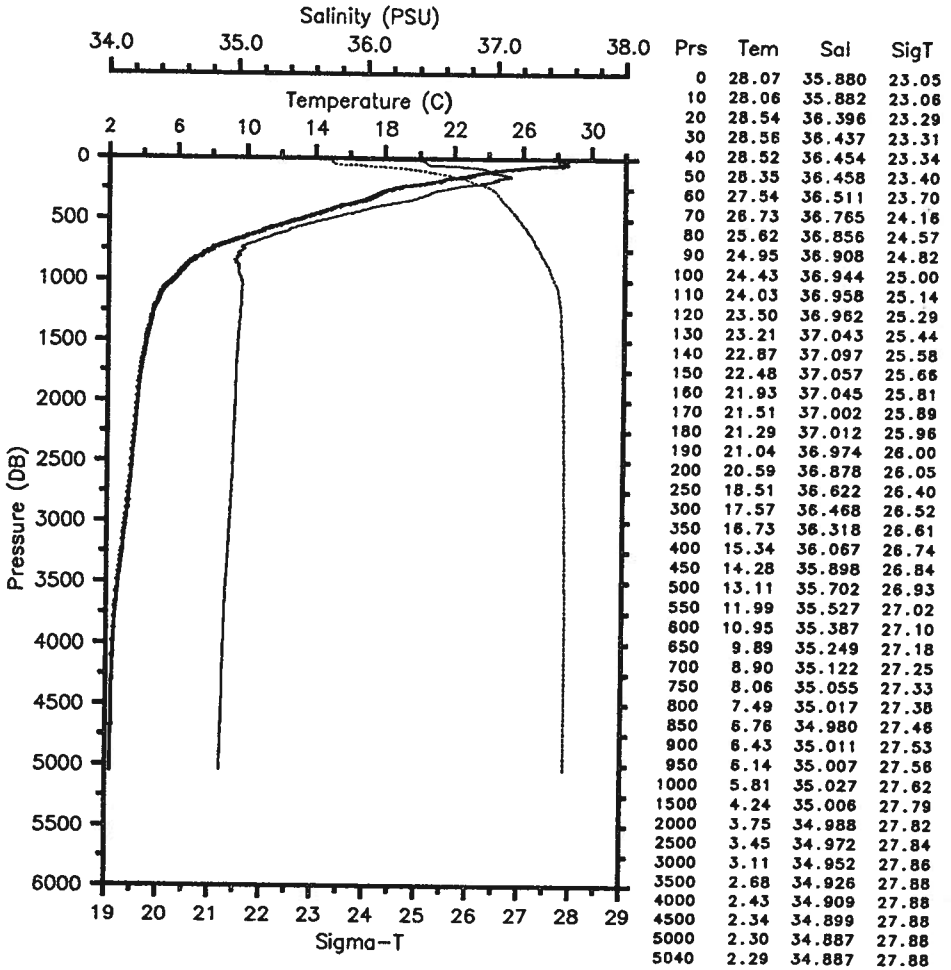

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.08 | 35.601 | 22.84 |
| 10 | 28.09 | 35.618 | 22.85 |
| 20 | 28.09 | 35.613 | 22.85 |
| 30 | 28.58 | 36.152 | 23.09 |
| 40 | 28.78 | 36.571 | 23.34 |
| 50 | 28.47 | 36.605 | 23.47 |
| 60 | 27.53 | 36.862 | 23.97 |
| 70 | 26.40 | 37.110 | 24.52 |
| 80 | 25.43 | 37.153 | 24.86 |
| 90 | 24.76 | 37.225 | 25.12 |
| 100 | 24.14 | 37.247 | 25.32 |
| 110 | 23.57 | 37.193 | 25.45 |
| 120 | 23.13 | 37.166 | 25.56 |
| 130 | 22.83 | 37.162 | 25.64 |
| 140 | 22.31 | 37.132 | 25.77 |
| 150 | 21.86 | 37.073 | 25.85 |
| 160 | 21.39 | 37.059 | 25.97 |
| 170 | 20.99 | 36.982 | 26.02 |
| 180 | 20.47 | 36.918 | 26.11 |
| 190 | 20.16 | 36.866 | 26.16 |
| 200 | 19.48 | 36.719 | 26.23 |
| 250 | 18.32 | 36.572 | 26.41 |
| 300 | 17.56 | 36.456 | 26.51 |
| 350 | 16.75 | 36.331 | 26.61 |
| 400 | 15.75 | 36.161 | 26.71 |
| 450 | 14.40 | 35.941 | 26.85 |
| 500 | 13.39 | 35.792 | 26.94 |
| 550 | 12.77 | 35.711 | 27.01 |
| 600 | 11.80 | 35.572 | 27.09 |
| 650 | 10.55 | 35.379 | 27.17 |
| 700 | 9.62 | 35.240 | 27.22 |
| 750 | 8.85 | 35.153 | 27.28 |
| 800 | 8.08 | 35.070 | 27.34 |
| 850 | 7.50 | 34.992 | 27.36 |
| 900 | 7.22 | 35.010 | 27.42 |
| 950 | 6.62 | 34.984 | 27.48 |
| 1000 | 6.24 | 35.001 | 27.54 |
| 1500 | 4.30 | 35.008 | 27.78 |
| 2000 | 3.73 | 34.990 | 27.83 |
| 2500 | 3.19 | 34.957 | 27.85 |
| 3000 | 2.73 | 34.929 | 27.87 |
| 3500 | 2.45 | 34.911 | 27.88 |
| 4000 | 2.34 | 34.901 | 27.89 |
| 4500 | 2.31 | 34.894 | 27.88 |
| 5000 | 2.30 | 34.885 | 27.88 |

RES-STACS26-86 CTD 22 RESEARCHER
Date 11 02 86 Latitude 19.848 N
Time 1106 Z Longitude 66.133 W



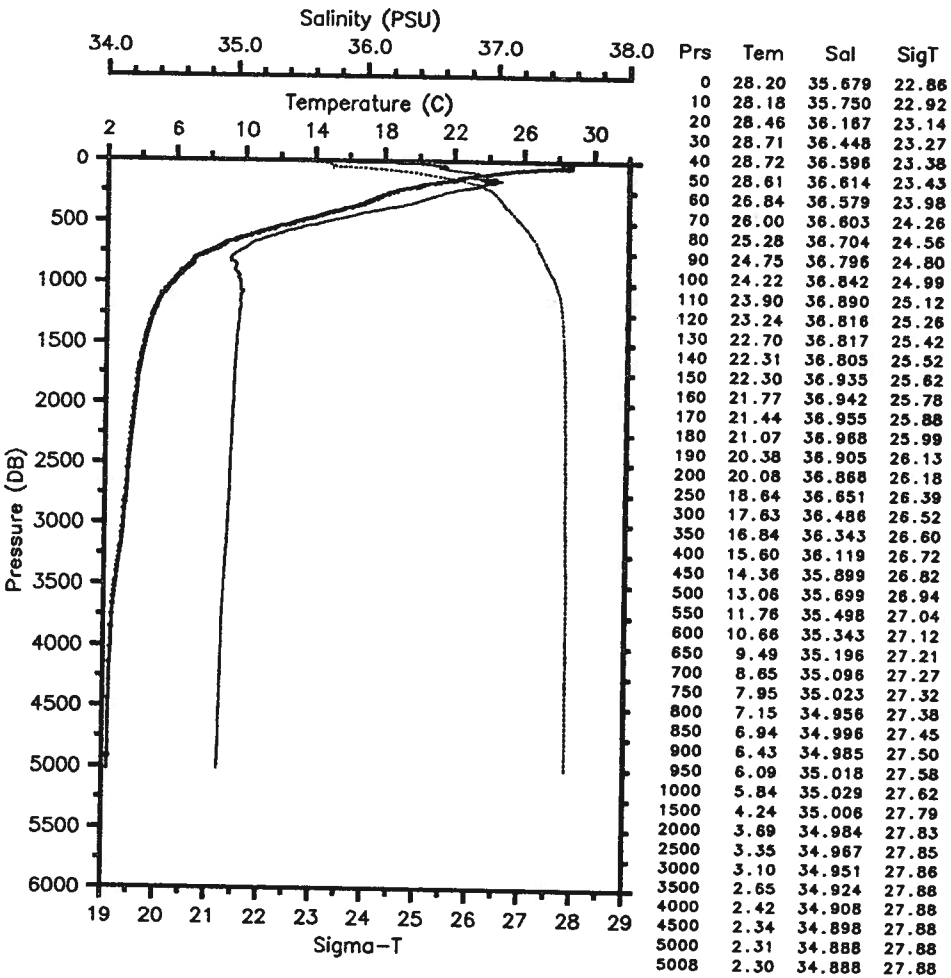

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.25 | 36.033 | 23.11 |
| 10 | 28.25 | 36.048 | 23.12 |
| 20 | 28.26 | 36.059 | 23.13 |
| 30 | 28.81 | 36.529 | 23.30 |
| 40 | 28.67 | 36.558 | 23.37 |
| 50 | 28.34 | 36.633 | 23.53 |
| 60 | 27.45 | 36.832 | 23.97 |
| 70 | 26.31 | 36.999 | 24.46 |
| 80 | 25.32 | 37.137 | 24.88 |
| 90 | 24.73 | 37.219 | 25.12 |
| 100 | 24.17 | 37.140 | 25.23 |
| 110 | 23.58 | 37.065 | 25.35 |
| 120 | 23.33 | 37.163 | 25.50 |
| 130 | 22.91 | 37.145 | 25.61 |
| 140 | 22.43 | 37.078 | 25.69 |
| 150 | 22.00 | 37.023 | 25.77 |
| 160 | 21.65 | 37.021 | 25.87 |
| 170 | 21.28 | 37.015 | 25.97 |
| 180 | 20.61 | 36.871 | 26.04 |
| 190 | 20.35 | 36.831 | 26.08 |
| 200 | 20.21 | 36.863 | 26.14 |
| 250 | 18.33 | 36.578 | 26.42 |
| 300 | 17.45 | 36.435 | 26.52 |
| 350 | 16.45 | 36.270 | 26.64 |
| 400 | 15.01 | 36.030 | 26.78 |
| 450 | 14.17 | 35.899 | 26.86 |
| 500 | 13.13 | 35.744 | 26.96 |
| 550 | 11.83 | 35.545 | 27.06 |
| 600 | 10.36 | 35.300 | 27.14 |
| 650 | 9.43 | 35.184 | 27.21 |
| 700 | 8.67 | 35.110 | 27.28 |
| 750 | 7.97 | 35.045 | 27.33 |
| 800 | 7.35 | 34.998 | 27.39 |
| 850 | 6.93 | 35.003 | 27.45 |
| 900 | 6.36 | 34.993 | 27.52 |
| 950 | 6.15 | 35.018 | 27.57 |
| 1000 | 5.81 | 35.030 | 27.62 |
| 1500 | 4.25 | 35.006 | 27.79 |
| 2000 | 3.75 | 34.986 | 27.82 |
| 2500 | 3.39 | 34.968 | 27.84 |
| 3000 | 2.97 | 34.945 | 27.87 |
| 3500 | 2.61 | 34.922 | 27.88 |
| 4000 | 2.41 | 34.906 | 27.88 |
| 4500 | 2.33 | 34.897 | 27.88 |
| 5000 | 2.29 | 34.886 | 27.88 |
| 5046 | 2.27 | 34.882 | 27.88 |

RES-STACS26-86 CTD 23 RESEARCHER
Date 11 02 86 Latitude 19.584 N
Time 1529 Z Longitude 66.117 W



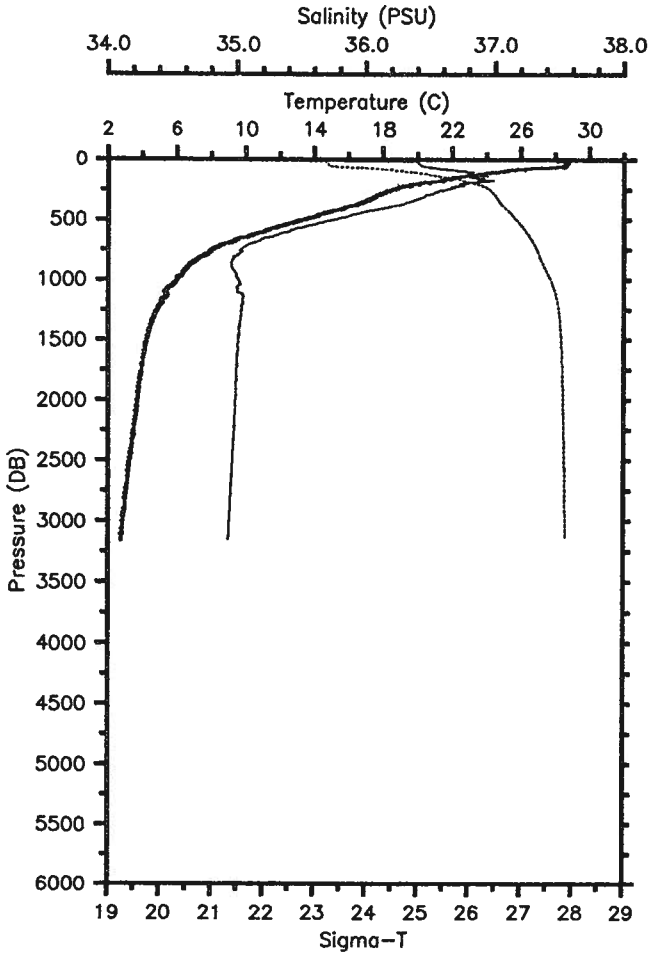

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.07 | 35.880 | 23.05 |
| 10 | 28.06 | 35.882 | 23.06 |
| 20 | 28.54 | 36.396 | 23.29 |
| 30 | 28.56 | 36.437 | 23.31 |
| 40 | 28.52 | 36.454 | 23.34 |
| 50 | 28.35 | 36.458 | 23.40 |
| 60 | 27.54 | 36.511 | 23.70 |
| 70 | 26.73 | 36.765 | 24.16 |
| 80 | 25.62 | 36.856 | 24.57 |
| 90 | 24.95 | 36.908 | 24.82 |
| 100 | 24.43 | 36.944 | 25.00 |
| 110 | 24.03 | 36.958 | 25.14 |
| 120 | 23.50 | 36.962 | 25.29 |
| 130 | 23.21 | 37.043 | 25.44 |
| 140 | 22.87 | 37.097 | 25.58 |
| 150 | 22.48 | 37.057 | 25.66 |
| 160 | 21.93 | 37.045 | 25.81 |
| 170 | 21.51 | 37.002 | 25.89 |
| 180 | 21.29 | 37.012 | 25.96 |
| 190 | 21.04 | 36.974 | 26.00 |
| 200 | 20.59 | 36.878 | 26.05 |
| 250 | 18.51 | 36.622 | 26.40 |
| 300 | 17.57 | 36.468 | 26.52 |
| 350 | 16.73 | 36.318 | 26.61 |
| 400 | 15.34 | 36.067 | 26.74 |
| 450 | 14.28 | 35.898 | 26.84 |
| 500 | 13.11 | 35.702 | 26.93 |
| 550 | 11.99 | 35.527 | 27.02 |
| 600 | 10.95 | 35.387 | 27.10 |
| 650 | 9.89 | 35.249 | 27.18 |
| 700 | 8.90 | 35.122 | 27.25 |
| 750 | 8.06 | 35.055 | 27.33 |
| 800 | 7.49 | 35.017 | 27.38 |
| 850 | 6.76 | 34.980 | 27.46 |
| 900 | 6.43 | 35.011 | 27.53 |
| 950 | 6.14 | 35.007 | 27.56 |
| 1000 | 5.81 | 35.027 | 27.62 |
| 1500 | 4.24 | 35.006 | 27.79 |
| 2000 | 3.75 | 34.988 | 27.82 |
| 2500 | 3.45 | 34.972 | 27.84 |
| 3000 | 3.11 | 34.952 | 27.86 |
| 3500 | 2.68 | 34.926 | 27.88 |
| 4000 | 2.43 | 34.909 | 27.88 |
| 4500 | 2.34 | 34.899 | 27.88 |
| 5000 | 2.30 | 34.887 | 27.88 |
| 5040 | 2.29 | 34.887 | 27.88 |

RES-STACS26-86 CTD 24 RESEARCHER
Date 11 02 86 Latitude 19.342 N
Time 1930 Z Longitude 66.117 W



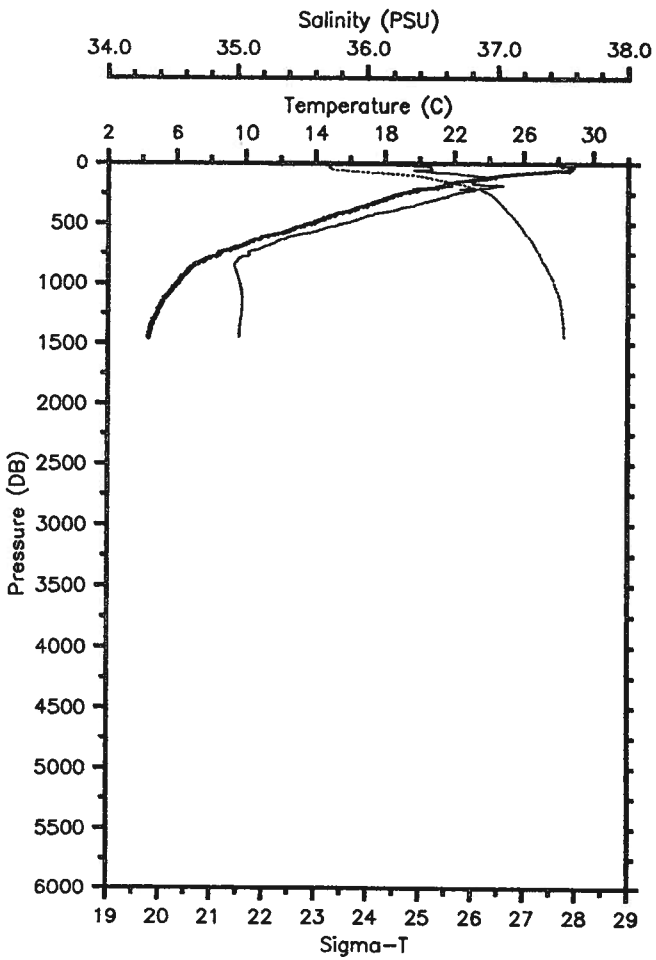

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.20 | 35.679 | 22.86 |
| 10 | 28.18 | 35.750 | 22.92 |
| 20 | 28.46 | 36.167 | 23.14 |
| 30 | 28.71 | 36.448 | 23.27 |
| 40 | 28.72 | 36.596 | 23.38 |
| 50 | 28.61 | 36.614 | 23.43 |
| 60 | 26.84 | 36.579 | 23.98 |
| 70 | 26.00 | 36.603 | 24.26 |
| 80 | 25.28 | 36.704 | 24.56 |
| 90 | 24.75 | 36.796 | 24.80 |
| 100 | 24.22 | 36.842 | 24.99 |
| 110 | 23.90 | 36.890 | 25.12 |
| 120 | 23.24 | 36.816 | 25.26 |
| 130 | 22.70 | 36.817 | 25.42 |
| 140 | 22.31 | 36.805 | 25.52 |
| 150 | 22.30 | 36.935 | 25.62 |
| 160 | 21.77 | 36.942 | 25.78 |
| 170 | 21.44 | 36.955 | 25.88 |
| 180 | 21.07 | 36.968 | 25.99 |
| 190 | 20.38 | 36.905 | 26.13 |
| 200 | 20.08 | 36.868 | 26.18 |
| 250 | 18.64 | 36.651 | 26.39 |
| 300 | 17.63 | 36.486 | 26.52 |
| 350 | 16.84 | 36.343 | 26.60 |
| 400 | 15.60 | 36.119 | 26.72 |
| 450 | 14.36 | 35.899 | 26.82 |
| 500 | 13.06 | 35.699 | 26.94 |
| 550 | 11.76 | 35.498 | 27.04 |
| 600 | 10.66 | 35.343 | 27.12 |
| 650 | 9.49 | 35.196 | 27.21 |
| 700 | 8.65 | 35.096 | 27.27 |
| 750 | 7.95 | 35.023 | 27.32 |
| 800 | 7.15 | 34.956 | 27.38 |
| 850 | 6.94 | 34.996 | 27.45 |
| 900 | 6.43 | 34.985 | 27.50 |
| 950 | 6.09 | 35.018 | 27.58 |
| 1000 | 5.84 | 35.029 | 27.62 |
| 1500 | 4.24 | 35.006 | 27.79 |
| 2000 | 3.69 | 34.984 | 27.83 |
| 2500 | 3.35 | 34.967 | 27.85 |
| 3000 | 3.10 | 34.951 | 27.86 |
| 3500 | 2.65 | 34.924 | 27.88 |
| 4000 | 2.42 | 34.908 | 27.88 |
| 4500 | 2.34 | 34.898 | 27.88 |
| 5000 | 2.31 | 34.888 | 27.88 |
| 5008 | 2.30 | 34.888 | 27.88 |

RES-STACS26-86 CTD 25 RESEARCHER
Date 11 03 86 Latitude 18.930 N
Time 0029 Z Longitude 66.114 W



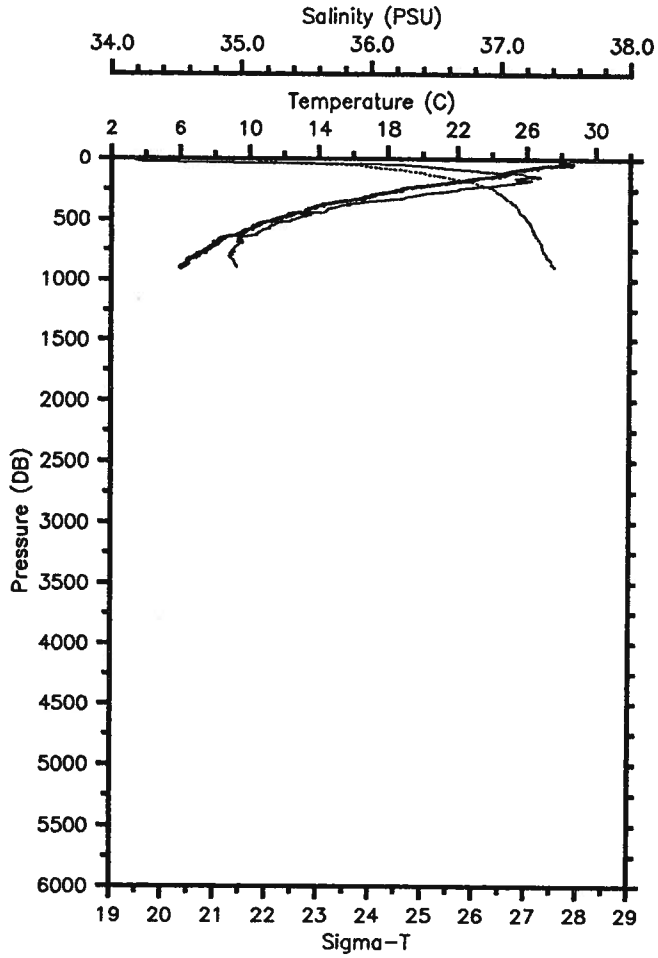

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.18 | 35.230 | 22.53 |
| 10 | 28.16 | 35.244 | 22.55 |
| 20 | 28.75 | 36.394 | 23.22 |
| 30 | 28.70 | 36.404 | 23.24 |
| 40 | 28.66 | 36.417 | 23.26 |
| 50 | 28.62 | 36.423 | 23.28 |
| 60 | 28.42 | 36.456 | 23.37 |
| 70 | 27.22 | 36.488 | 23.79 |
| 80 | 26.10 | 36.566 | 24.20 |
| 90 | 25.34 | 36.694 | 24.54 |
| 100 | 24.86 | 36.774 | 24.74 |
| 110 | 24.28 | 36.821 | 24.96 |
| 120 | 23.70 | 36.809 | 25.12 |
| 130 | 23.45 | 36.889 | 25.25 |
| 140 | 22.80 | 36.826 | 25.39 |
| 150 | 22.08 | 36.807 | 25.59 |
| 160 | 21.97 | 36.916 | 25.70 |
| 170 | 21.43 | 36.877 | 25.82 |
| 180 | 21.28 | 36.924 | 25.91 |
| 190 | 20.71 | 36.886 | 26.03 |
| 200 | 20.10 | 36.779 | 26.11 |
| 250 | 18.52 | 36.622 | 26.40 |
| 300 | 17.58 | 36.461 | 26.51 |
| 350 | 16.92 | 36.351 | 26.59 |
| 400 | 15.83 | 36.155 | 26.69 |
| 450 | 14.52 | 35.938 | 26.82 |
| 500 | 13.38 | 35.759 | 26.92 |
| 550 | 12.16 | 35.563 | 27.01 |
| 600 | 11.07 | 35.410 | 27.10 |
| 650 | 9.98 | 35.257 | 27.18 |
| 700 | 8.89 | 35.115 | 27.25 |
| 750 | 8.03 | 35.026 | 27.31 |
| 800 | 7.59 | 35.006 | 27.36 |
| 850 | 7.02 | 34.959 | 27.40 |
| 900 | 6.59 | 34.958 | 27.46 |
| 950 | 6.34 | 34.989 | 27.52 |
| 1000 | 5.99 | 35.005 | 27.56 |
| 1500 | 4.27 | 35.008 | 27.79 |
| 2000 | 3.73 | 34.986 | 27.82 |
| 2500 | 3.28 | 34.963 | 27.85 |
| 3000 | 2.87 | 34.938 | 27.87 |
| 3148 | 2.76 | 34.933 | 27.87 |

RES-STACS26-86 CTD 26 RESEARCHER
Date 11 03 86 Latitude 18.670 N
Time 0435 Z Longitude 66.118 W



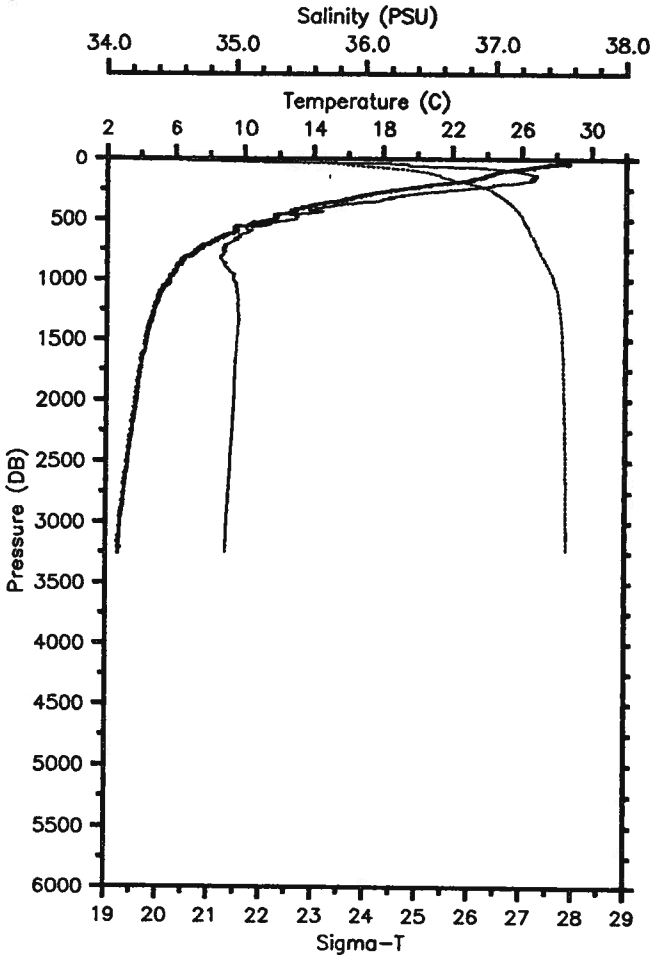

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.20 | 35.209 | 22.51 |
| 10 | 28.20 | 35.215 | 22.51 |
| 20 | 28.72 | 36.319 | 23.17 |
| 30 | 28.75 | 36.461 | 23.26 |
| 40 | 28.70 | 36.480 | 23.30 |
| 50 | 28.66 | 36.483 | 23.31 |
| 60 | 28.35 | 36.430 | 23.38 |
| 70 | 27.35 | 36.470 | 23.73 |
| 80 | 26.29 | 36.600 | 24.17 |
| 90 | 25.55 | 36.710 | 24.48 |
| 100 | 24.69 | 36.767 | 24.79 |
| 110 | 24.35 | 36.888 | 24.98 |
| 120 | 23.84 | 36.915 | 25.16 |
| 130 | 23.38 | 36.858 | 25.25 |
| 140 | 23.14 | 36.923 | 25.37 |
| 150 | 22.31 | 36.809 | 25.52 |
| 160 | 21.94 | 36.802 | 25.62 |
| 170 | 21.57 | 36.811 | 25.73 |
| 180 | 21.61 | 36.986 | 25.85 |
| 190 | 21.31 | 36.961 | 25.92 |
| 200 | 21.01 | 36.956 | 26.00 |
| 250 | 18.93 | 36.681 | 26.34 |
| 300 | 17.94 | 36.525 | 26.47 |
| 350 | 16.95 | 36.359 | 26.58 |
| 400 | 15.95 | 36.183 | 26.68 |
| 450 | 14.74 | 35.976 | 26.80 |
| 500 | 13.76 | 35.830 | 26.90 |
| 550 | 12.74 | 35.659 | 26.97 |
| 600 | 11.50 | 35.468 | 27.07 |
| 650 | 10.36 | 35.317 | 27.16 |
| 700 | 9.41 | 35.192 | 27.22 |
| 750 | 8.39 | 35.080 | 27.30 |
| 800 | 7.70 | 35.007 | 27.34 |
| 850 | 6.95 | 34.974 | 27.43 |
| 900 | 6.64 | 34.987 | 27.48 |
| 950 | 6.29 | 35.003 | 27.54 |
| 1000 | 6.01 | 35.018 | 27.59 |
| 1450 | 4.37 | 35.012 | 27.78 |

RES-STACS26-86 CTD 27 RESEARCHER
Date 11 04 86 Latitude 17.751 N
Time 0536 Z Longitude 61.617 W



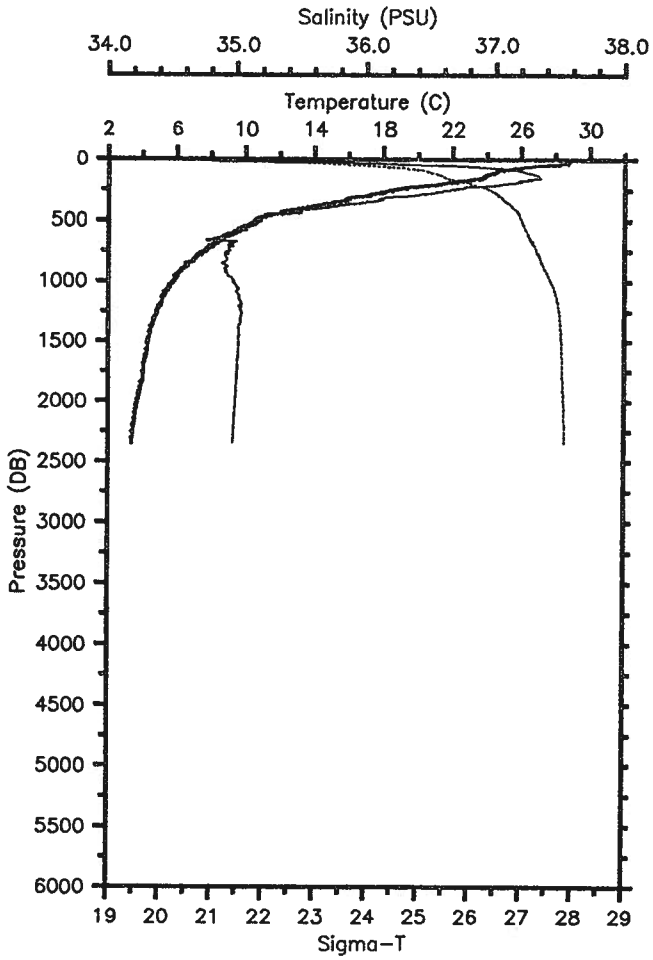

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.93 | 34.179 | 21.82 |
| 10 | 27.92 | 34.188 | 21.83 |
| 20 | 27.93 | 34.190 | 21.83 |
| 30 | 28.10 | 34.455 | 21.97 |
| 40 | 28.62 | 35.500 | 22.59 |
| 50 | 27.70 | 36.241 | 23.45 |
| 60 | 26.83 | 36.374 | 23.83 |
| 70 | 26.42 | 36.488 | 24.04 |
| 80 | 25.92 | 36.621 | 24.30 |
| 90 | 25.45 | 36.699 | 24.51 |
| 100 | 25.06 | 36.827 | 24.72 |
| 110 | 24.94 | 36.957 | 24.86 |
| 120 | 24.79 | 37.170 | 25.07 |
| 130 | 24.57 | 37.208 | 25.16 |
| 140 | 24.29 | 37.264 | 25.29 |
| 150 | 23.79 | 37.229 | 25.41 |
| 160 | 22.98 | 37.131 | 25.57 |
| 170 | 22.67 | 37.177 | 25.70 |
| 180 | 22.29 | 37.214 | 25.84 |
| 190 | 21.75 | 37.143 | 25.93 |
| 200 | 21.26 | 37.076 | 26.02 |
| 250 | 18.81 | 36.683 | 26.37 |
| 300 | 17.15 | 36.356 | 26.54 |
| 350 | 15.44 | 36.035 | 26.69 |
| 400 | 13.80 | 35.743 | 26.82 |
| 450 | 12.67 | 35.557 | 26.91 |
| 500 | 11.61 | 35.421 | 27.01 |
| 550 | 10.48 | 35.258 | 27.09 |
| 600 | 9.69 | 35.147 | 27.14 |
| 650 | 8.55 | 35.004 | 27.21 |
| 700 | 8.15 | 35.004 | 27.28 |
| 750 | 7.58 | 34.944 | 27.31 |
| 800 | 7.12 | 34.939 | 27.38 |
| 850 | 6.45 | 34.946 | 27.47 |
| 900 | 6.06 | 34.971 | 27.54 |

RES-STACS26-86 CTD 28 RESEARCHER
Date 11 04 86 Latitude 17.847 N
Time 0753 Z Longitude 61.538 W



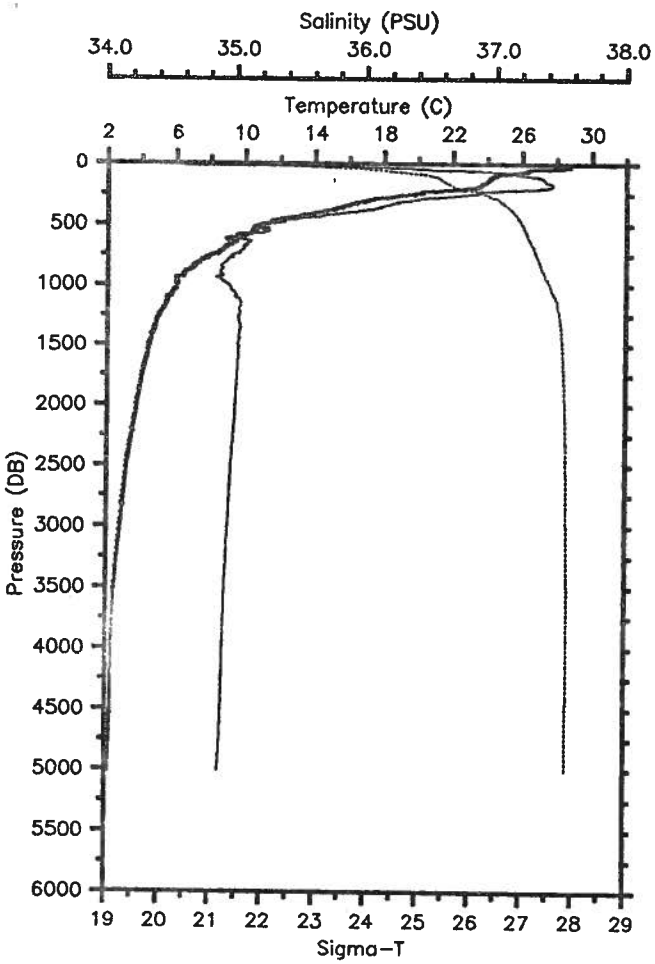

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.00 | 34.096 | 21.74 |
| 10 | 28.01 | 34.144 | 21.77 |
| 20 | 28.20 | 34.425 | 21.92 |
| 30 | 28.53 | 34.993 | 22.24 |
| 40 | 28.29 | 36.145 | 23.18 |
| 50 | 27.42 | 36.325 | 23.60 |
| 60 | 26.82 | 36.357 | 23.82 |
| 70 | 26.60 | 36.811 | 24.23 |
| 80 | 26.03 | 36.979 | 24.54 |
| 90 | 25.44 | 37.082 | 24.80 |
| 100 | 24.95 | 37.138 | 24.99 |
| 110 | 24.58 | 37.206 | 25.16 |
| 120 | 24.35 | 37.249 | 25.26 |
| 130 | 24.14 | 37.292 | 25.35 |
| 140 | 23.91 | 37.316 | 25.44 |
| 150 | 23.72 | 37.297 | 25.48 |
| 160 | 23.30 | 37.263 | 25.58 |
| 170 | 23.09 | 37.289 | 25.66 |
| 180 | 22.92 | 37.284 | 25.71 |
| 190 | 22.21 | 37.211 | 25.86 |
| 200 | 21.65 | 37.143 | 25.96 |
| 250 | 19.08 | 36.749 | 26.38 |
| 300 | 16.84 | 36.270 | 26.54 |
| 350 | 15.52 | 36.093 | 26.72 |
| 400 | 13.38 | 35.674 | 26.85 |
| 450 | 12.73 | 35.590 | 26.92 |
| 500 | 11.75 | 35.467 | 27.02 |
| 550 | 10.41 | 35.230 | 27.08 |
| 600 | 9.54 | 35.117 | 27.14 |
| 650 | 8.72 | 35.036 | 27.21 |
| 700 | 8.03 | 34.962 | 27.26 |
| 750 | 7.32 | 34.904 | 27.32 |
| 800 | 6.94 | 34.898 | 27.37 |
| 850 | 6.38 | 34.897 | 27.44 |
| 900 | 6.07 | 34.922 | 27.50 |
| 950 | 5.89 | 34.970 | 27.56 |
| 1000 | 5.64 | 34.976 | 27.60 |
| 1500 | 4.33 | 35.010 | 27.78 |
| 2000 | 3.75 | 34.988 | 27.82 |
| 2500 | 3.26 | 34.963 | 27.85 |
| 3000 | 2.83 | 34.937 | 27.87 |
| 3246 | 2.72 | 34.929 | 27.88 |

RES-STACS26-86 CTD 29 RESEARCHER
Date 11 04 86 Latitude 17.934 N
Time 1105 Z Longitude 61.467 W



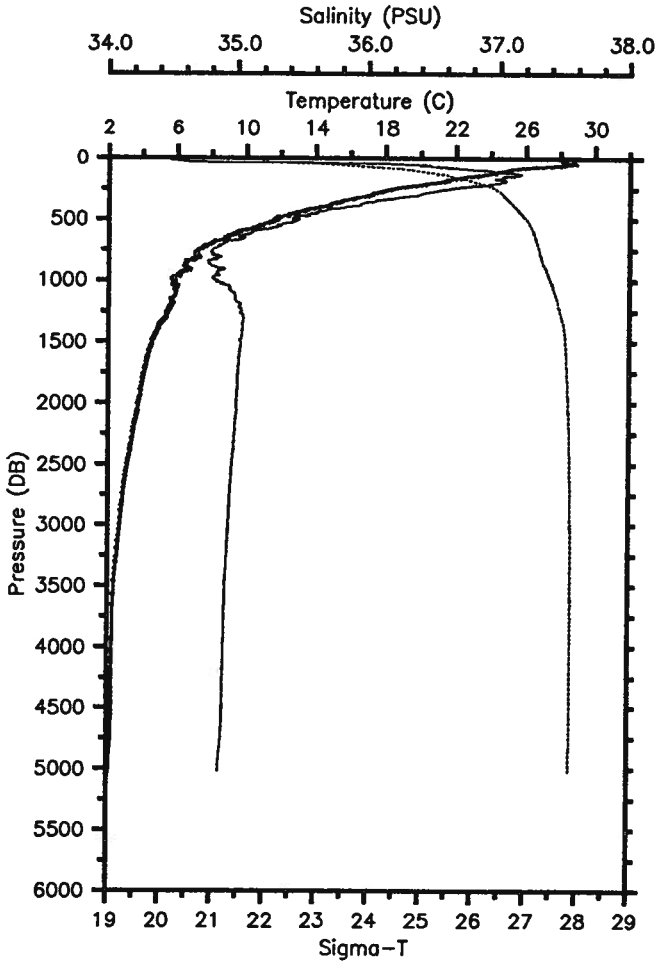

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 20 | 28.58 | 34.805 | 22.08 |
| 30 | 28.72 | 35.832 | 22.80 |
| 40 | 28.23 | 36.207 | 23.25 |
| 50 | 27.15 | 36.637 | 23.92 |
| 60 | 26.43 | 36.819 | 24.29 |
| 70 | 25.79 | 37.021 | 24.64 |
| 80 | 25.12 | 37.123 | 24.93 |
| 90 | 24.75 | 37.175 | 25.08 |
| 100 | 24.48 | 37.222 | 25.20 |
| 110 | 24.36 | 37.249 | 25.28 |
| 120 | 24.07 | 37.301 | 25.38 |
| 130 | 23.94 | 37.324 | 25.44 |
| 140 | 23.83 | 37.331 | 25.48 |
| 150 | 23.70 | 37.347 | 25.53 |
| 160 | 23.36 | 37.306 | 25.60 |
| 170 | 22.96 | 37.279 | 25.69 |
| 180 | 22.31 | 37.199 | 25.82 |
| 190 | 21.90 | 37.193 | 25.93 |
| 200 | 21.29 | 37.084 | 26.02 |
| 250 | 18.56 | 36.655 | 26.42 |
| 300 | 16.95 | 36.329 | 26.56 |
| 350 | 15.18 | 35.997 | 26.72 |
| 400 | 13.36 | 35.665 | 26.85 |
| 450 | 11.54 | 35.350 | 26.97 |
| 500 | 10.59 | 35.176 | 27.01 |
| 550 | 9.94 | 35.100 | 27.06 |
| 600 | 9.28 | 35.024 | 27.11 |
| 650 | 8.33 | 34.901 | 27.17 |
| 700 | 8.12 | 34.963 | 27.25 |
| 750 | 7.65 | 34.945 | 27.30 |
| 800 | 7.13 | 34.913 | 27.35 |
| 850 | 6.61 | 34.881 | 27.40 |
| 900 | 6.25 | 34.901 | 27.46 |
| 950 | 5.97 | 34.928 | 27.52 |
| 1000 | 5.81 | 34.973 | 27.58 |
| 1500 | 4.33 | 35.013 | 27.78 |
| 2000 | 3.71 | 34.988 | 27.83 |
| 2344 | 3.39 | 34.971 | 27.85 |

RES-STACS26-86 CTD 30 RESEARCHER
Date 11 04 86 Latitude 18.108 N
Time 1508 Z Longitude 61.257 W



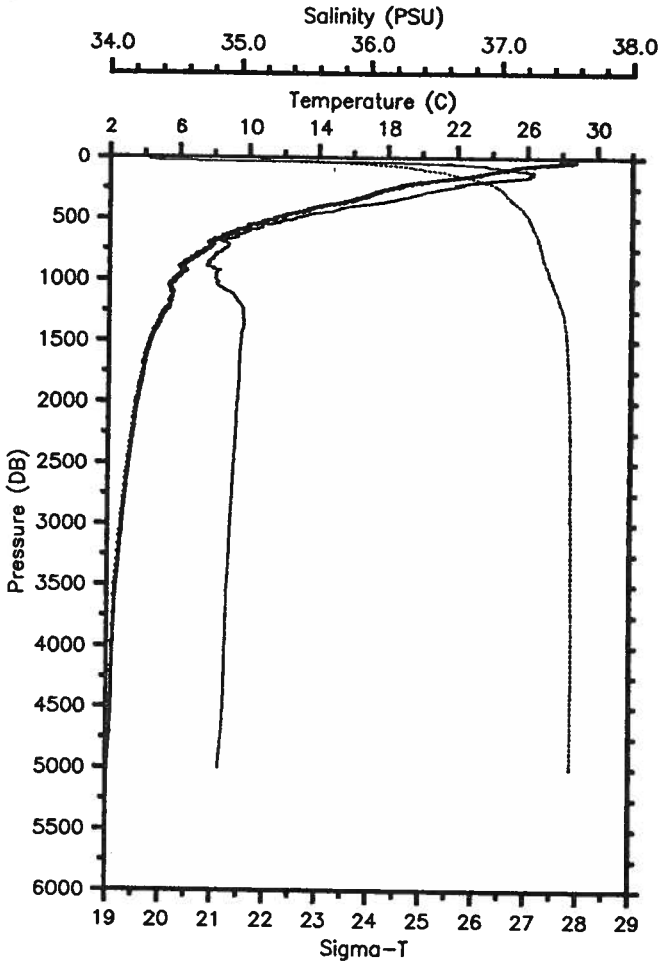

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.08 | 34.549 | 22.05 |
| 10 | 28.08 | 34.547 | 22.05 |
| 20 | 28.08 | 34.551 | 22.05 |
| 30 | 28.61 | 35.890 | 22.88 |
| 40 | 27.98 | 36.304 | 23.40 |
| 50 | 26.31 | 36.423 | 24.03 |
| 60 | 26.29 | 36.843 | 24.35 |
| 70 | 25.77 | 37.029 | 24.66 |
| 80 | 25.11 | 37.116 | 24.93 |
| 90 | 24.68 | 37.158 | 25.09 |
| 100 | 24.41 | 37.240 | 25.23 |
| 110 | 24.26 | 37.319 | 25.34 |
| 120 | 24.12 | 37.356 | 25.41 |
| 130 | 24.08 | 37.359 | 25.42 |
| 140 | 23.99 | 37.388 | 25.46 |
| 150 | 23.87 | 37.376 | 25.50 |
| 160 | 23.76 | 37.411 | 25.56 |
| 170 | 23.67 | 37.428 | 25.60 |
| 180 | 23.54 | 37.430 | 25.64 |
| 190 | 23.36 | 37.416 | 25.68 |
| 200 | 23.01 | 37.354 | 25.74 |
| 250 | 19.79 | 36.857 | 26.25 |
| 300 | 17.04 | 36.344 | 26.55 |
| 350 | 15.69 | 36.121 | 26.70 |
| 400 | 14.27 | 35.874 | 26.82 |
| 450 | 12.22 | 35.474 | 26.93 |
| 500 | 10.93 | 35.252 | 27.00 |
| 550 | 10.49 | 35.226 | 27.06 |
| 600 | 9.65 | 35.084 | 27.10 |
| 650 | 9.27 | 35.085 | 27.16 |
| 700 | 8.70 | 35.047 | 27.22 |
| 750 | 7.95 | 34.958 | 27.27 |
| 800 | 7.40 | 34.924 | 27.32 |
| 850 | 6.93 | 34.882 | 27.36 |
| 900 | 6.45 | 34.871 | 27.41 |
| 950 | 6.03 | 34.873 | 27.47 |
| 1000 | 6.00 | 34.932 | 27.52 |
| 1500 | 4.42 | 35.013 | 27.77 |
| 2000 | 3.72 | 34.989 | 27.83 |
| 2500 | 3.16 | 34.959 | 27.86 |
| 3000 | 2.81 | 34.936 | 27.87 |
| 3500 | 2.47 | 34.914 | 27.89 |
| 4000 | 2.33 | 34.902 | 27.89 |
| 4500 | 2.28 | 34.892 | 27.88 |
| 5000 | 2.17 | 34.870 | 27.88 |
| 5010 | 2.17 | 34.870 | 27.88 |

RES-STACS26-86 CTD 31 RESEARCHER
Date 11 04 86 Latitude 18.465 N
Time 2121 Z Longitude 60.897 W




| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.11 | 34.476 | 21.98 |
| 10 | 28.13 | 34.479 | 21.98 |
| 20 | 28.14 | 34.486 | 21.99 |
| 30 | 28.23 | 34.605 | 22.04 |
| 40 | 28.73 | 35.463 | 22.52 |
| 50 | 28.47 | 36.236 | 23.19 |
| 60 | 27.95 | 36.476 | 23.54 |
| 70 | 26.70 | 36.513 | 23.97 |
| 80 | 26.03 | 36.666 | 24.30 |
| 90 | 25.25 | 36.761 | 24.62 |
| 100 | 24.91 | 36.882 | 24.81 |
| 110 | 24.50 | 36.941 | 24.98 |
| 120 | 24.26 | 37.046 | 25.13 |
| 130 | 23.84 | 37.156 | 25.34 |
| 140 | 23.25 | 37.146 | 25.51 |
| 150 | 22.76 | 37.038 | 25.57 |
| 160 | 22.32 | 37.028 | 25.69 |
| 170 | 21.86 | 36.964 | 25.77 |
| 180 | 21.50 | 37.037 | 25.92 |
| 190 | 21.33 | 37.044 | 25.98 |
| 200 | 20.86 | 37.000 | 26.07 |
| 250 | 18.44 | 36.620 | 26.42 |
| 300 | 17.13 | 36.391 | 26.57 |
| 350 | 15.48 | 36.051 | 26.69 |
| 400 | 14.21 | 35.830 | 26.80 |
| 450 | 12.79 | 35.592 | 26.91 |
| 500 | 11.59 | 35.415 | 27.01 |
| 550 | 10.81 | 35.310 | 27.07 |
| 600 | 9.63 | 35.137 | 27.14 |
| 650 | 8.77 | 35.005 | 27.18 |
| 700 | 7.98 | 34.899 | 27.22 |
| 750 | 7.24 | 34.810 | 27.26 |
| 800 | 7.19 | 34.851 | 27.30 |
| 850 | 6.51 | 34.770 | 27.33 |
| 900 | 6.52 | 34.835 | 27.37 |
| 950 | 6.09 | 34.830 | 27.43 |
| 1000 | 5.80 | 34.838 | 27.47 |
| 1500 | 4.56 | 35.022 | 27.76 |
| 2000 | 3.79 | 34.991 | 27.82 |
| 2500 | 3.15 | 34.958 | 27.86 |
| 3000 | 2.72 | 34.931 | 27.88 |
| 3500 | 2.38 | 34.909 | 27.89 |
| 4000 | 2.28 | 34.898 | 27.89 |
| 4500 | 2.26 | 34.890 | 27.88 |
| 5000 | 2.12 | 34.863 | 27.87 |
| 5022 | 2.11 | 34.863 | 27.87 |

RES-STACS26-86 CTD 32 RESEARCHER
Date 11 05 86 Latitude 18.831 N
Time 0256 Z Longitude 60.509 W

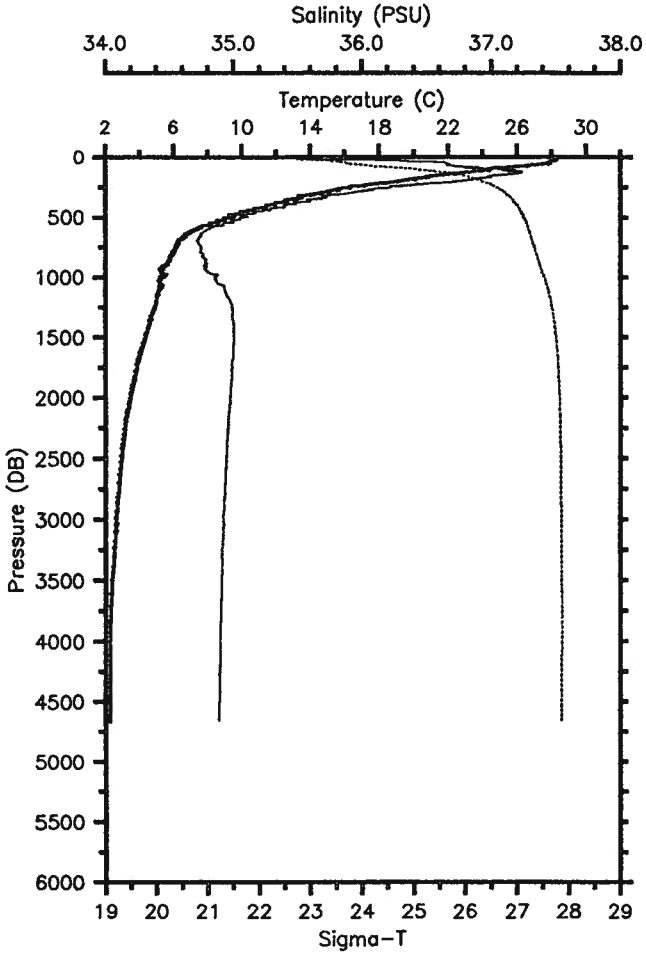



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.97 | 34.306 | 21.91 |
| 10 | 27.96 | 34.307 | 21.91 |
| 20 | 27.96 | 34.307 | 21.91 |
| 30 | 27.98 | 34.319 | 21.91 |
| 40 | 28.68 | 35.378 | 22.48 |
| 50 | 27.80 | 36.375 | 23.51 |
| 60 | 27.07 | 36.676 | 23.98 |
| 70 | 26.11 | 36.850 | 24.42 |
| 80 | 25.48 | 36.904 | 24.65 |
| 90 | 25.24 | 37.031 | 24.82 |
| 100 | 24.83 | 37.058 | 24.97 |
| 110 | 24.42 | 37.136 | 25.15 |
| 120 | 23.99 | 37.209 | 25.34 |
| 130 | 23.68 | 37.233 | 25.45 |
| 140 | 23.35 | 37.234 | 25.55 |
| 150 | 22.91 | 37.212 | 25.65 |
| 160 | 22.47 | 37.202 | 25.78 |
| 170 | 21.99 | 37.158 | 25.88 |
| 180 | 21.32 | 37.071 | 26.00 |
| 190 | 20.69 | 36.953 | 26.08 |
| 200 | 20.08 | 36.820 | 26.15 |
| 250 | 18.30 | 36.615 | 26.45 |
| 300 | 17.08 | 36.388 | 26.58 |
| 350 | 16.03 | 36.202 | 26.68 |
| 400 | 14.24 | 35.883 | 26.84 |
| 450 | 13.07 | 35.686 | 26.93 |
| 500 | 11.53 | 35.424 | 27.03 |
| 550 | 10.48 | 35.250 | 27.08 |
| 600 | 9.35 | 35.075 | 27.14 |
| 650 | 8.48 | 34.959 | 27.19 |
| 700 | 7.72 | 34.854 | 27.22 |
| 750 | 7.68 | 34.895 | 27.26 |
| 800 | 6.99 | 34.811 | 27.29 |
| 850 | 6.51 | 34.763 | 27.32 |
| 900 | 6.05 | 34.742 | 27.36 |
| 950 | 6.16 | 34.823 | 27.41 |
| 1000 | 5.79 | 34.817 | 27.46 |
| 1500 | 4.40 | 35.013 | 27.77 |
| 2000 | 3.84 | 34.985 | 27.83 |
| 2500 | 3.18 | 34.960 | 27.86 |
| 3000 | 2.82 | 34.937 | 27.87 |
| 3500 | 2.49 | 34.913 | 27.88 |
| 4000 | 2.34 | 34.902 | 27.89 |
| 4500 | 2.26 | 34.890 | 27.88 |
| 5000 | 2.06 | 34.858 | 27.87 |
| 5004 | 2.06 | 34.856 | 27.87 |

RES-STACS26-86 CTD 33 RESEARCHER

Date 11 06 86 Latitude 13.000 N

Time 1318 Z Longitude 56.867 W

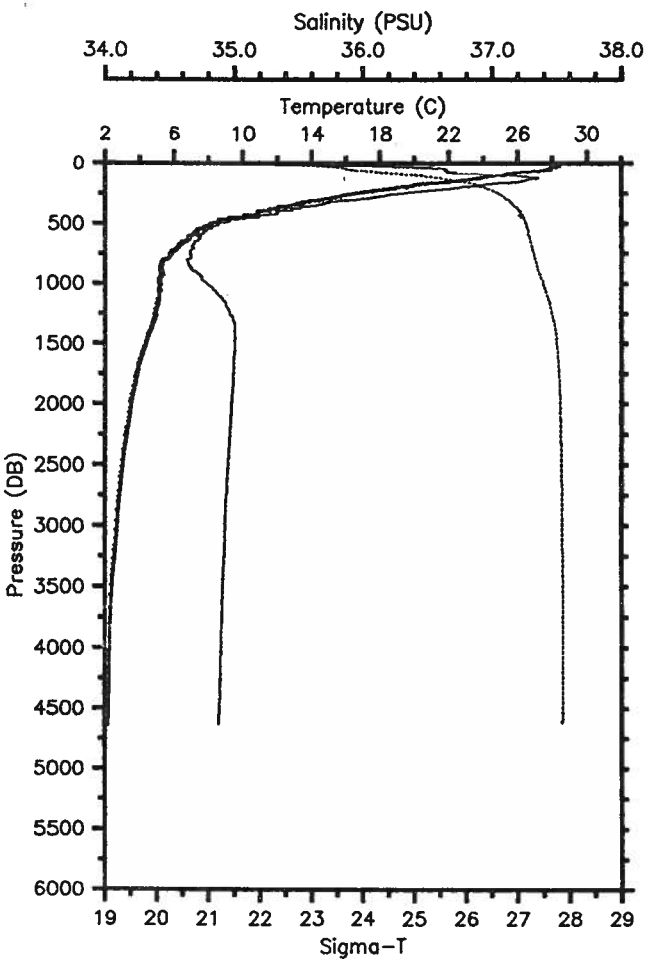



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.23 | 35.578 | 22.76 |
| 10 | 28.23 | 35.581 | 22.76 |
| 20 | 28.23 | 35.585 | 22.76 |
| 30 | 28.09 | 36.270 | 23.32 |
| 40 | 27.97 | 36.565 | 23.58 |
| 50 | 27.83 | 36.657 | 23.70 |
| 60 | 27.45 | 36.657 | 23.82 |
| 70 | 26.71 | 36.670 | 24.07 |
| 80 | 26.04 | 36.769 | 24.36 |
| 90 | 25.23 | 36.832 | 24.66 |
| 100 | 24.36 | 36.963 | 25.02 |
| 110 | 24.33 | 37.121 | 25.15 |
| 120 | 23.47 | 37.180 | 25.45 |
| 130 | 22.93 | 37.240 | 25.65 |
| 140 | 22.31 | 37.196 | 25.80 |
| 150 | 21.65 | 37.097 | 25.91 |
| 160 | 20.99 | 36.989 | 26.01 |
| 170 | 20.67 | 36.984 | 26.10 |
| 180 | 20.13 | 36.886 | 26.17 |
| 190 | 19.68 | 36.850 | 26.26 |
| 200 | 19.20 | 36.777 | 26.33 |
| 250 | 16.34 | 36.230 | 26.62 |
| 300 | 14.53 | 35.905 | 26.77 |
| 350 | 13.03 | 35.646 | 26.89 |
| 400 | 11.44 | 35.401 | 27.01 |
| 450 | 10.06 | 35.137 | 27.05 |
| 500 | 9.36 | 35.063 | 27.11 |
| 550 | 8.15 | 34.920 | 27.19 |
| 600 | 7.34 | 34.813 | 27.22 |
| 650 | 6.70 | 34.751 | 27.26 |
| 700 | 6.32 | 34.722 | 27.29 |
| 750 | 6.15 | 34.746 | 27.33 |
| 800 | 5.99 | 34.762 | 27.37 |
| 850 | 5.83 | 34.786 | 27.41 |
| 900 | 5.50 | 34.781 | 27.44 |
| 950 | 5.28 | 34.797 | 27.48 |
| 1000 | 5.26 | 34.855 | 27.53 |
| 1500 | 4.36 | 35.005 | 27.75 |
| 2000 | 3.48 | 34.976 | 27.82 |
| 2500 | 2.96 | 34.947 | 27.85 |
| 3000 | 2.65 | 34.923 | 27.86 |
| 3500 | 2.40 | 34.908 | 27.87 |
| 4000 | 2.28 | 34.898 | 27.87 |
| 4500 | 2.27 | 34.891 | 27.86 |
| 4654 | 2.27 | 34.888 | 27.86 |

RES-STACS26-86 CTD 34 RESEARCHER

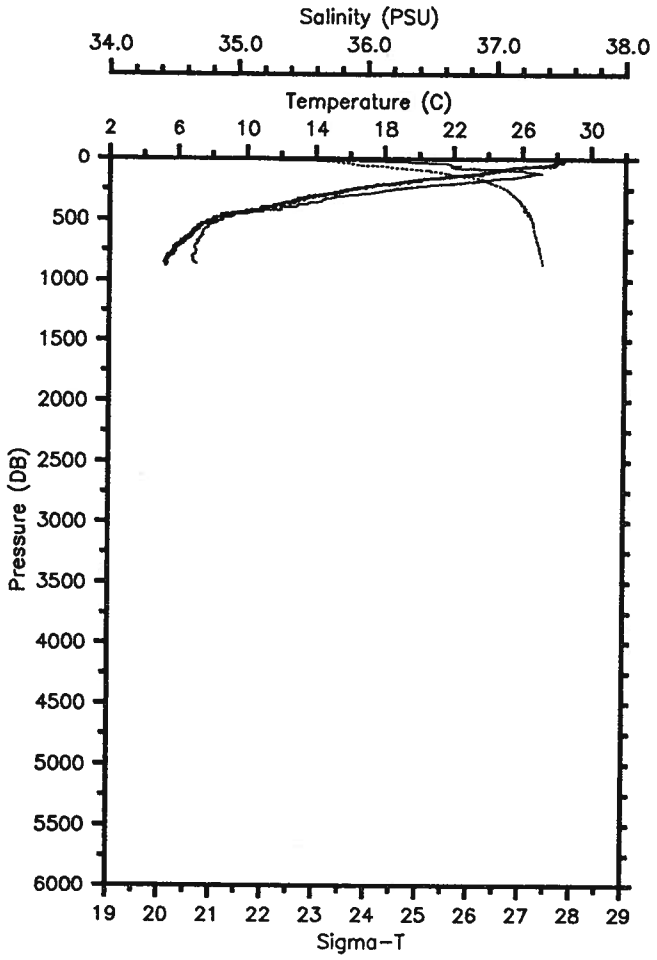
Date 11 06 86 Latitude 13.002 N

Time 1755 Z Longitude 57:248 W



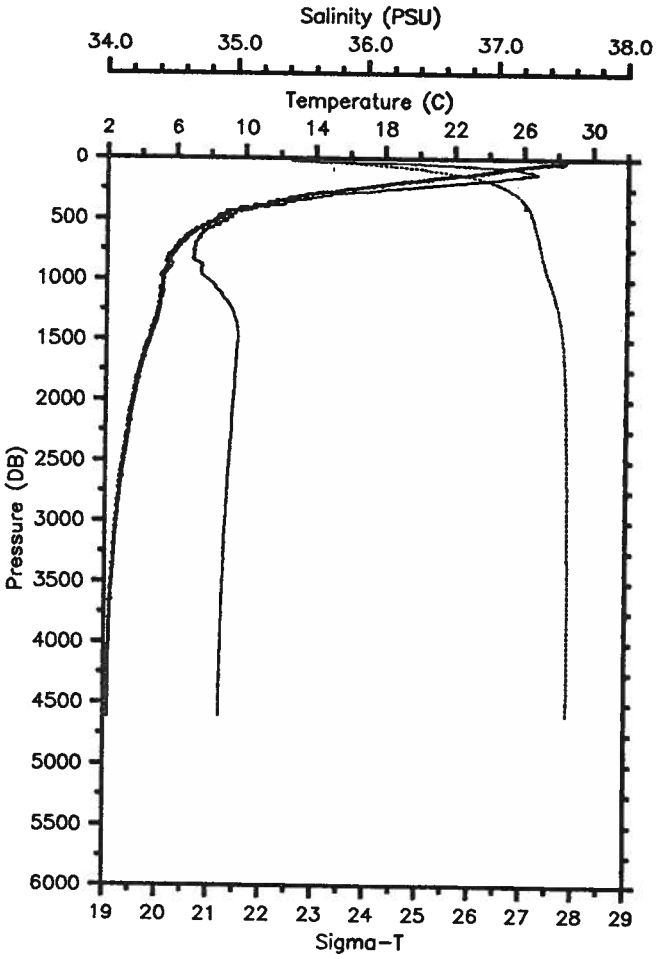

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.20 | 35.293 | 22.55 |
| 10 | 28.21 | 35.312 | 22.56 |
| 20 | 28.24 | 35.431 | 22.64 |
| 30 | 28.16 | 36.203 | 23.25 |
| 40 | 27.91 | 36.515 | 23.57 |
| 50 | 27.84 | 36.643 | 23.69 |
| 60 | 27.53 | 36.652 | 23.79 |
| 70 | 26.60 | 36.725 | 24.15 |
| 80 | 25.51 | 36.672 | 24.45 |
| 90 | 25.24 | 36.947 | 24.74 |
| 100 | 24.69 | 37.161 | 25.07 |
| 110 | 24.28 | 37.244 | 25.26 |
| 120 | 23.82 | 37.309 | 25.45 |
| 130 | 23.32 | 37.309 | 25.59 |
| 140 | 22.80 | 37.264 | 25.71 |
| 150 | 22.24 | 37.225 | 25.84 |
| 160 | 21.55 | 37.155 | 25.98 |
| 170 | 20.52 | 37.008 | 26.16 |
| 180 | 20.01 | 36.939 | 26.24 |
| 190 | 19.72 | 36.887 | 26.28 |
| 200 | 19.01 | 36.759 | 26.36 |
| 250 | 16.60 | 36.313 | 26.62 |
| 300 | 14.67 | 35.971 | 26.79 |
| 350 | 12.84 | 35.650 | 26.93 |
| 400 | 10.89 | 35.333 | 27.05 |
| 450 | 9.43 | 34.998 | 27.05 |
| 500 | 8.11 | 34.874 | 27.16 |
| 550 | 7.42 | 34.788 | 27.19 |
| 600 | 7.00 | 34.731 | 27.21 |
| 650 | 6.68 | 34.712 | 27.24 |
| 700 | 6.22 | 34.673 | 27.27 |
| 750 | 5.83 | 34.661 | 27.31 |
| 800 | 5.47 | 34.642 | 27.34 |
| 850 | 5.28 | 34.655 | 27.37 |
| 900 | 5.29 | 34.702 | 27.40 |
| 950 | 5.26 | 34.750 | 27.45 |
| 1000 | 5.17 | 34.791 | 27.49 |
| 1500 | 4.39 | 35.007 | 27.75 |
| 2000 | 3.54 | 34.980 | 27.82 |
| 2500 | 3.04 | 34.953 | 27.84 |
| 3000 | 2.72 | 34.930 | 27.85 |
| 3500 | 2.41 | 34.910 | 27.87 |
| 4000 | 2.28 | 34.898 | 27.87 |
| 4500 | 2.22 | 34.886 | 27.86 |
| 4630 | 2.19 | 34.879 | 27.86 |

RES-STACS26-86 CTD 35 RESEARCHER
Date 11 06 86 Latitude 12.997 N
Time 2004 Z Longitude 57.249 W



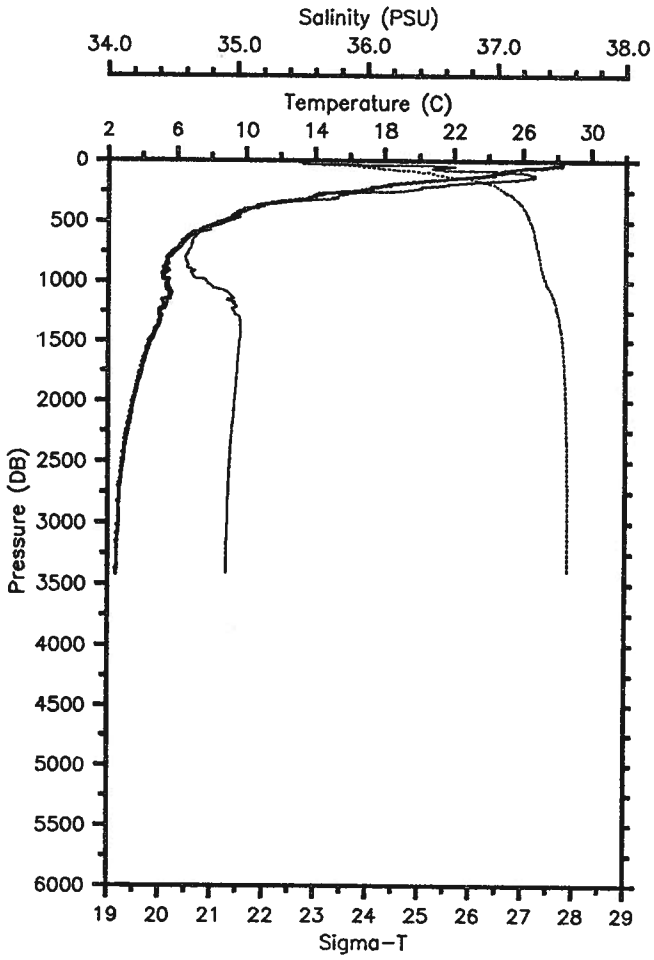

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.23 | 35.279 | 22.55 |
| 10 | 28.22 | 35.286 | 22.56 |
| 20 | 28.33 | 35.839 | 22.94 |
| 30 | 28.04 | 36.302 | 23.38 |
| 40 | 27.88 | 36.612 | 23.67 |
| 50 | 27.68 | 36.650 | 23.76 |
| 60 | 26.77 | 36.666 | 24.07 |
| 70 | 25.64 | 36.643 | 24.40 |
| 80 | 25.34 | 36.772 | 24.60 |
| 90 | 25.05 | 37.053 | 24.90 |
| 100 | 24.45 | 37.220 | 25.21 |
| 110 | 24.08 | 37.283 | 25.36 |
| 120 | 23.69 | 37.349 | 25.53 |
| 130 | 23.01 | 37.236 | 25.65 |
| 140 | 22.19 | 37.221 | 25.87 |
| 150 | 21.57 | 37.167 | 26.00 |
| 160 | 20.75 | 37.040 | 26.13 |
| 170 | 20.13 | 36.957 | 26.24 |
| 180 | 19.68 | 36.873 | 26.29 |
| 190 | 19.27 | 36.799 | 26.34 |
| 200 | 18.84 | 36.723 | 26.40 |
| 250 | 16.02 | 36.211 | 26.69 |
| 300 | 14.30 | 35.888 | 26.83 |
| 350 | 12.76 | 35.645 | 26.96 |
| 400 | 10.93 | 35.324 | 27.06 |
| 450 | 9.23 | 35.051 | 27.14 |
| 500 | 8.12 | 34.882 | 27.18 |
| 550 | 7.22 | 34.765 | 27.22 |
| 600 | 6.86 | 34.727 | 27.24 |
| 650 | 6.50 | 34.699 | 27.27 |
| 700 | 6.13 | 34.682 | 27.31 |
| 750 | 5.81 | 34.668 | 27.34 |
| 800 | 5.44 | 34.644 | 27.36 |
| 850 | 5.26 | 34.652 | 27.39 |
| 868 | 5.27 | 34.672 | 27.40 |

RES-STACS26-86 CTD 36 RESEARCHER
Date 11 06 86 Latitude 13.010 N
Time 2344 Z Longitude 57.590 W



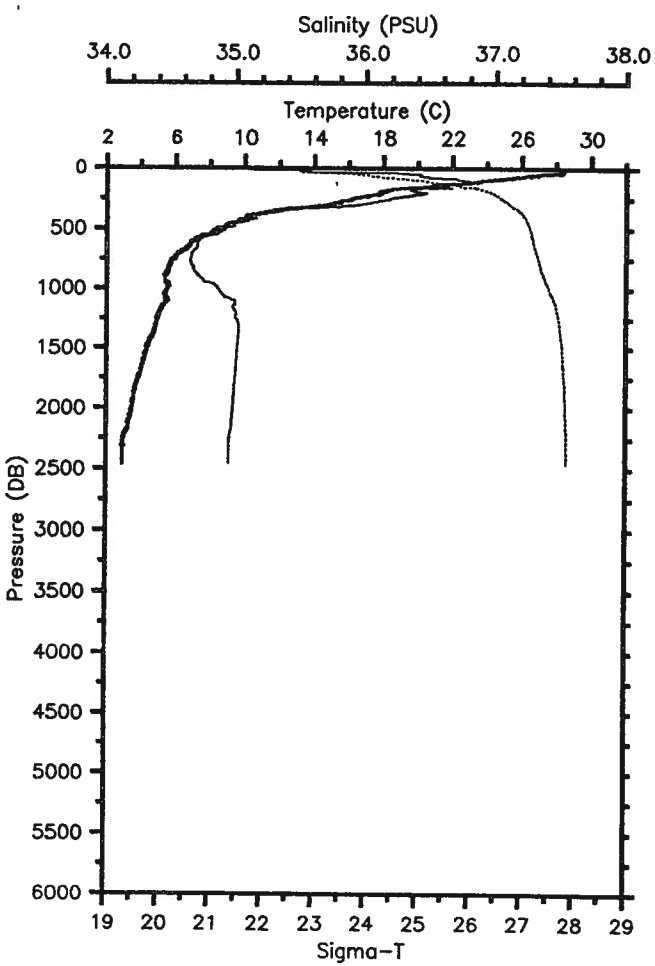

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.30 | 35.411 | 22.62 |
| 10 | 28.30 | 35.410 | 22.62 |
| 20 | 28.29 | 35.412 | 22.63 |
| 30 | 28.24 | 35.549 | 22.75 |
| 40 | 27.60 | 36.314 | 23.54 |
| 50 | 26.88 | 36.497 | 23.91 |
| 60 | 26.27 | 36.774 | 24.31 |
| 70 | 25.71 | 36.926 | 24.60 |
| 80 | 25.19 | 37.090 | 24.88 |
| 90 | 24.70 | 37.151 | 25.08 |
| 100 | 24.36 | 37.188 | 25.21 |
| 110 | 23.91 | 37.261 | 25.40 |
| 120 | 23.51 | 37.286 | 25.54 |
| 130 | 23.01 | 37.294 | 25.69 |
| 140 | 22.20 | 37.186 | 25.84 |
| 150 | 21.64 | 37.175 | 25.99 |
| 160 | 20.86 | 37.055 | 26.11 |
| 170 | 20.51 | 37.023 | 26.18 |
| 180 | 19.95 | 36.928 | 26.26 |
| 190 | 19.21 | 36.802 | 26.36 |
| 200 | 18.81 | 36.708 | 26.39 |
| 250 | 16.18 | 36.234 | 26.67 |
| 300 | 13.47 | 35.725 | 26.88 |
| 350 | 11.80 | 35.436 | 26.98 |
| 400 | 10.56 | 35.243 | 27.06 |
| 450 | 8.98 | 34.991 | 27.13 |
| 500 | 8.40 | 34.922 | 27.17 |
| 550 | 7.87 | 34.864 | 27.21 |
| 600 | 7.13 | 34.764 | 27.23 |
| 650 | 6.83 | 34.714 | 27.27 |
| 700 | 6.25 | 34.683 | 27.29 |
| 750 | 5.98 | 34.674 | 27.32 |
| 800 | 5.68 | 34.669 | 27.35 |
| 850 | 5.49 | 34.672 | 27.38 |
| 900 | 5.63 | 34.736 | 27.41 |
| 950 | 5.32 | 34.729 | 27.44 |
| 1000 | 5.26 | 34.776 | 27.49 |
| 1500 | 4.51 | 35.014 | 27.76 |
| 2000 | 3.61 | 34.984 | 27.83 |
| 2500 | 3.06 | 34.956 | 27.87 |
| 3000 | 2.67 | 34.929 | 27.88 |
| 3500 | 2.40 | 34.911 | 27.89 |
| 4000 | 2.28 | 34.899 | 27.89 |
| 4500 | 2.26 | 34.891 | 27.89 |
| 4604 | 2.26 | 34.890 | 27.88 |

RES-STACS26-86 CTD 37 RESEARCHER
Date 11 07 86 Latitude 13.008 N
Time 0346 Z Longitude 57.955 W



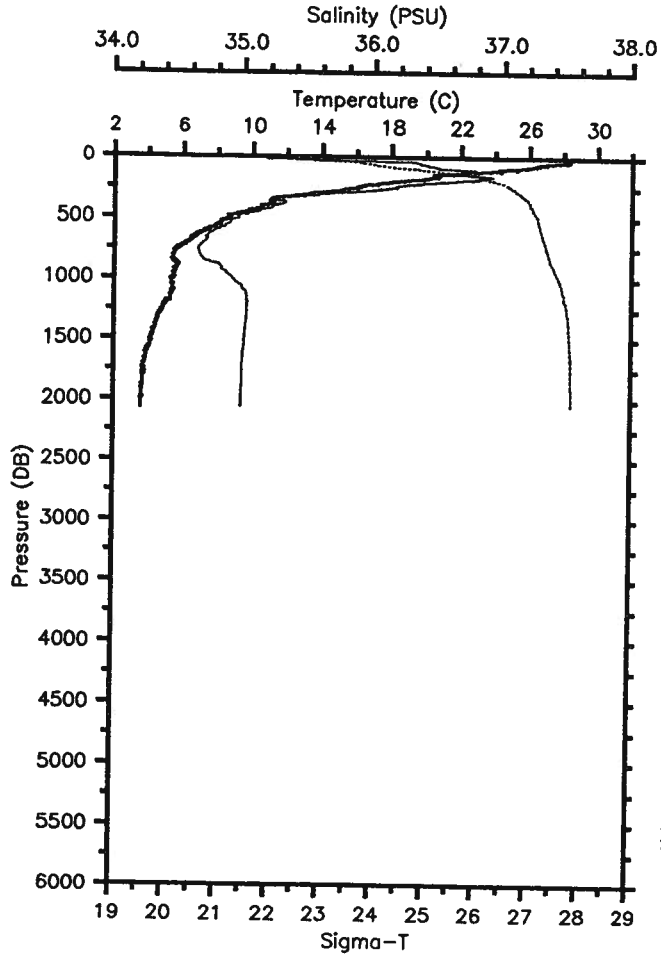

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.18 | 35.432 | 22.68 |
| 10 | 28.19 | 35.454 | 22.69 |
| 20 | 28.19 | 35.489 | 22.72 |
| 30 | 28.20 | 35.532 | 22.75 |
| 40 | 27.81 | 36.451 | 23.57 |
| 50 | 27.27 | 36.658 | 23.90 |
| 60 | 26.39 | 36.577 | 24.12 |
| 70 | 25.42 | 36.519 | 24.38 |
| 80 | 24.84 | 36.609 | 24.63 |
| 90 | 25.10 | 37.118 | 24.93 |
| 100 | 24.40 | 37.220 | 25.22 |
| 110 | 24.23 | 37.262 | 25.30 |
| 120 | 23.78 | 37.286 | 25.46 |
| 130 | 23.04 | 37.267 | 25.66 |
| 140 | 22.25 | 37.243 | 25.87 |
| 150 | 21.63 | 37.172 | 25.99 |
| 160 | 20.74 | 37.048 | 26.14 |
| 170 | 20.06 | 36.918 | 26.22 |
| 180 | 19.30 | 36.777 | 26.32 |
| 190 | 18.75 | 36.678 | 26.38 |
| 200 | 18.32 | 36.623 | 26.45 |
| 250 | 16.47 | 36.277 | 26.64 |
| 300 | 13.90 | 35.763 | 26.81 |
| 350 | 11.50 | 35.331 | 26.96 |
| 400 | 9.98 | 35.088 | 27.04 |
| 450 | 9.31 | 35.008 | 27.09 |
| 500 | 8.66 | 34.935 | 27.14 |
| 550 | 7.71 | 34.811 | 27.19 |
| 600 | 6.93 | 34.704 | 27.22 |
| 650 | 6.47 | 34.658 | 27.24 |
| 700 | 6.20 | 34.642 | 27.26 |
| 750 | 5.82 | 34.620 | 27.30 |
| 800 | 5.49 | 34.594 | 27.32 |
| 850 | 5.42 | 34.611 | 27.34 |
| 900 | 5.34 | 34.635 | 27.37 |
| 950 | 5.18 | 34.653 | 27.40 |
| 1000 | 5.45 | 34.755 | 27.45 |
| 1500 | 4.43 | 35.015 | 27.77 |
| 2000 | 3.47 | 34.977 | 27.84 |
| 2500 | 2.87 | 34.942 | 27.87 |
| 3000 | 2.62 | 34.925 | 27.88 |
| 3410 | 2.50 | 34.915 | 27.88 |

RES-STACS26-86 CTD 38 RESEARCHER
Date 11 07 86 Latitude 12.998 N
Time 0707 Z Longitude 58.315 W



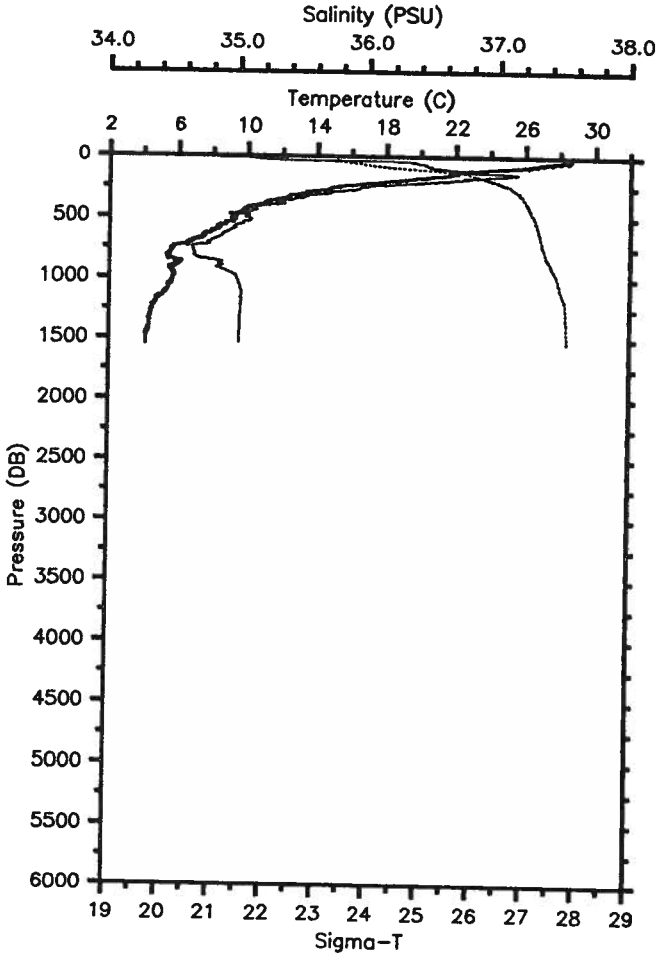

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.23 | 35.132 | 22.44 |
| 10 | 28.23 | 35.131 | 22.44 |
| 20 | 28.36 | 35.480 | 22.66 |
| 30 | 28.33 | 35.567 | 22.74 |
| 40 | 28.01 | 36.227 | 23.34 |
| 50 | 27.00 | 36.409 | 23.80 |
| 60 | 26.42 | 36.420 | 23.99 |
| 70 | 25.76 | 36.473 | 24.24 |
| 80 | 25.27 | 36.527 | 24.43 |
| 90 | 24.68 | 36.697 | 24.74 |
| 100 | 23.88 | 36.737 | 25.01 |
| 110 | 23.44 | 36.811 | 25.20 |
| 120 | 22.90 | 36.823 | 25.36 |
| 130 | 21.71 | 36.623 | 25.55 |
| 140 | 21.00 | 36.579 | 25.71 |
| 150 | 20.80 | 36.606 | 25.79 |
| 160 | 19.67 | 36.609 | 26.09 |
| 170 | 18.58 | 36.364 | 26.19 |
| 180 | 18.29 | 36.348 | 26.25 |
| 190 | 18.08 | 36.372 | 26.32 |
| 200 | 17.79 | 36.381 | 26.40 |
| 250 | 16.26 | 36.180 | 26.61 |
| 300 | 14.79 | 35.943 | 26.76 |
| 350 | 11.68 | 35.367 | 26.95 |
| 400 | 10.06 | 35.101 | 27.04 |
| 450 | 9.42 | 35.046 | 27.10 |
| 500 | 8.42 | 34.901 | 27.15 |
| 550 | 7.98 | 34.854 | 27.18 |
| 600 | 7.04 | 34.712 | 27.21 |
| 650 | 6.73 | 34.698 | 27.24 |
| 700 | 6.23 | 34.662 | 27.28 |
| 750 | 5.94 | 34.651 | 27.31 |
| 800 | 5.65 | 34.653 | 27.34 |
| 850 | 5.59 | 34.679 | 27.37 |
| 900 | 5.36 | 34.714 | 27.43 |
| 950 | 5.48 | 34.784 | 27.47 |
| 1000 | 5.50 | 34.854 | 27.52 |
| 1500 | 4.34 | 35.011 | 27.78 |
| 2000 | 3.49 | 34.978 | 27.84 |
| 2450 | 2.95 | 34.947 | 27.87 |

RES-STACS26-86 CTD 39 RESEARCHER
Date 11 07 86 Latitude 12.995 N
Time 1010 Z Longitude 58.669 W




| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.18 | 35.166 | 22.48 |
| 10 | 28.19 | 35.163 | 22.48 |
| 20 | 28.20 | 35.171 | 22.48 |
| 30 | 28.26 | 35.509 | 22.71 |
| 40 | 27.55 | 36.253 | 23.50 |
| 50 | 26.98 | 36.355 | 23.77 |
| 60 | 26.55 | 36.363 | 23.91 |
| 70 | 26.23 | 36.411 | 24.05 |
| 80 | 25.68 | 36.461 | 24.26 |
| 90 | 25.22 | 36.513 | 24.44 |
| 100 | 24.25 | 36.696 | 24.87 |
| 110 | 23.78 | 36.726 | 25.03 |
| 120 | 22.81 | 36.723 | 25.31 |
| 130 | 21.63 | 36.683 | 25.62 |
| 140 | 20.92 | 36.613 | 25.76 |
| 150 | 20.70 | 36.851 | 26.00 |
| 160 | 20.64 | 36.913 | 26.07 |
| 170 | 20.16 | 36.837 | 26.14 |
| 180 | 19.79 | 36.796 | 26.21 |
| 190 | 18.90 | 36.644 | 26.32 |
| 200 | 18.23 | 36.529 | 26.40 |
| 250 | 16.01 | 36.157 | 26.65 |
| 300 | 13.38 | 35.657 | 26.84 |
| 350 | 11.16 | 35.265 | 26.97 |
| 400 | 10.68 | 35.237 | 27.04 |
| 450 | 9.77 | 35.118 | 27.10 |
| 500 | 8.64 | 34.958 | 27.16 |
| 550 | 8.11 | 34.887 | 27.19 |
| 600 | 7.38 | 34.795 | 27.22 |
| 650 | 6.71 | 34.717 | 27.26 |
| 700 | 6.31 | 34.702 | 27.30 |
| 750 | 5.71 | 34.651 | 27.33 |
| 800 | 5.49 | 34.658 | 27.37 |
| 850 | 5.41 | 34.689 | 27.40 |
| 900 | 5.68 | 34.821 | 27.47 |
| 950 | 5.53 | 34.865 | 27.53 |
| 1000 | 5.41 | 34.916 | 27.58 |
| 1500 | 4.17 | 35.005 | 27.79 |
| 2000 | 3.62 | 34.982 | 27.83 |
| 2054 | 3.62 | 34.983 | 27.83 |

RES-STACS26-86 CTD 40 RESEARCHER
Date 11 07 86 Latitude 13.002 N
Time 1303 Z Longitude 59.020 W

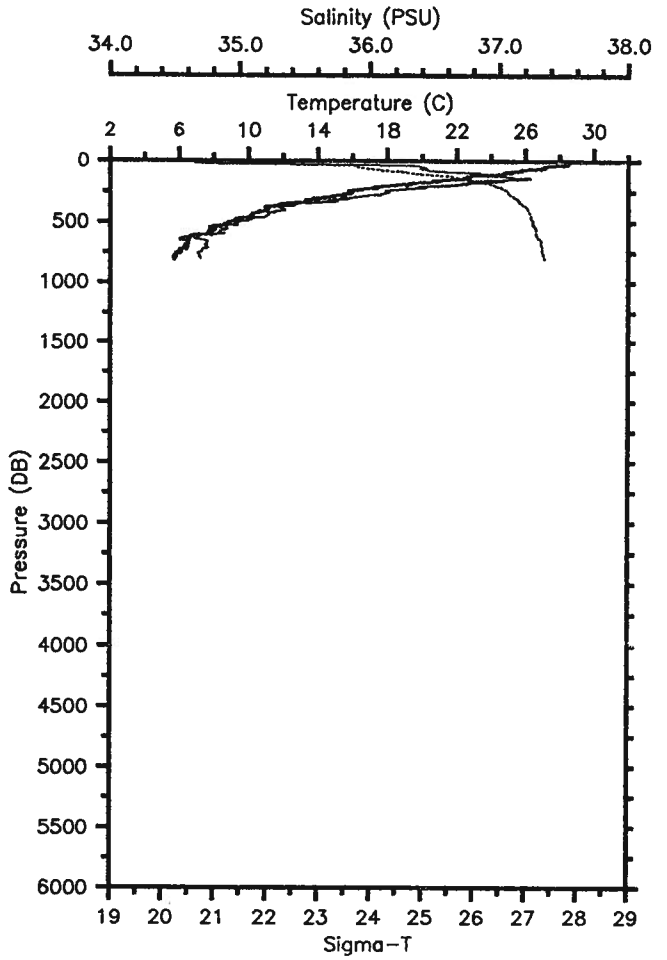



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.24 | 34.841 | 22.22 |
| 10 | 28.22 | 34.839 | 22.22 |
| 20 | 28.37 | 35.032 | 22.32 |
| 30 | 28.43 | 35.189 | 22.41 |
| 40 | 28.06 | 36.160 | 23.27 |
| 50 | 27.55 | 36.355 | 23.58 |
| 60 | 26.95 | 36.366 | 23.80 |
| 70 | 26.51 | 36.432 | 23.97 |
| 80 | 25.97 | 36.468 | 24.17 |
| 90 | 25.31 | 36.474 | 24.38 |
| 100 | 24.20 | 36.559 | 24.78 |
| 110 | 23.20 | 36.647 | 25.14 |
| 120 | 22.52 | 36.784 | 25.44 |
| 130 | 21.75 | 36.863 | 25.72 |
| 140 | 21.83 | 37.025 | 25.82 |
| 150 | 21.80 | 37.096 | 25.94 |
| 160 | 20.78 | 36.974 | 26.08 |
| 170 | 20.32 | 36.874 | 26.12 |
| 180 | 19.64 | 36.777 | 26.23 |
| 190 | 19.15 | 36.687 | 26.29 |
| 200 | 18.54 | 36.590 | 26.37 |
| 250 | 15.19 | 35.983 | 26.70 |
| 300 | 13.41 | 35.704 | 26.87 |
| 350 | 11.87 | 35.426 | 26.96 |
| 400 | 10.74 | 35.250 | 27.04 |
| 450 | 9.74 | 35.101 | 27.09 |
| 500 | 9.16 | 35.053 | 27.15 |
| 550 | 8.76 | 35.031 | 27.20 |
| 600 | 8.26 | 34.965 | 27.23 |
| 650 | 7.51 | 34.873 | 27.27 |
| 700 | 6.79 | 34.785 | 27.30 |
| 750 | 5.71 | 34.643 | 27.33 |
| 800 | 5.53 | 34.662 | 27.37 |
| 850 | 5.68 | 34.763 | 27.43 |
| 900 | 5.91 | 34.878 | 27.49 |
| 950 | 5.85 | 34.908 | 27.55 |
| 1000 | 5.71 | 34.981 | 27.59 |
| 1500 | 4.17 | 35.006 | 27.79 |
| 1534 | 4.17 | 35.006 | 27.79 |

RES-STACS26-86 CTD 41 RESEARCHER

Date 11 07 86 Latitude 13.002 N

Time 1533 Z Longitude 59.374 W

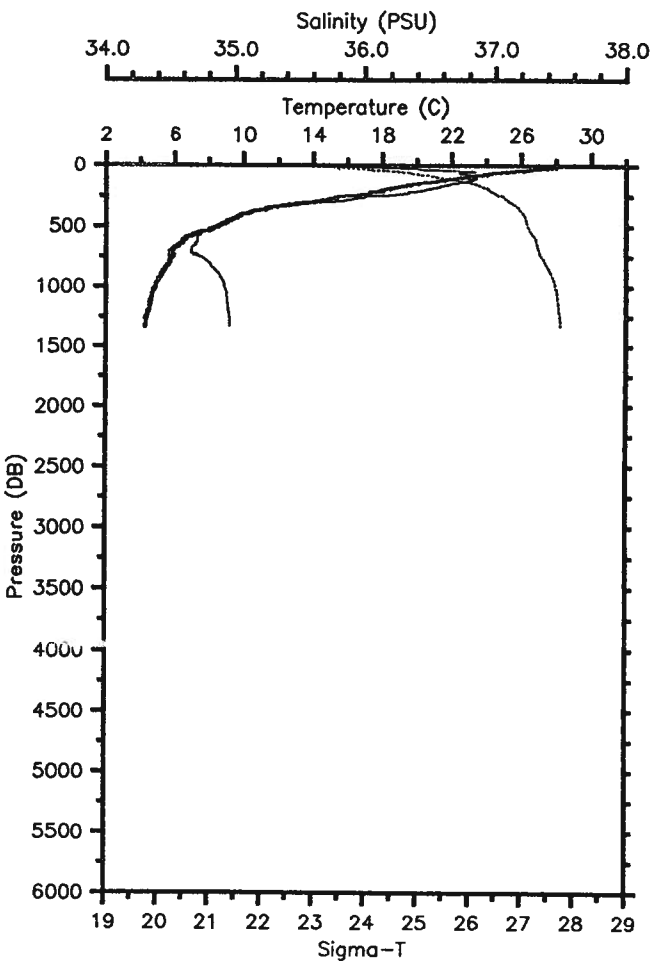



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.29 | 34.663 | 22.07 |
| 10 | 28.29 | 34.663 | 22.07 |
| 20 | 28.23 | 34.662 | 22.09 |
| 30 | 28.42 | 35.323 | 22.52 |
| 40 | 27.40 | 36.329 | 23.61 |
| 50 | 27.11 | 36.398 | 23.75 |
| 60 | 26.84 | 36.428 | 23.86 |
| 70 | 25.95 | 36.417 | 24.14 |
| 80 | 25.56 | 36.485 | 24.31 |
| 90 | 24.85 | 36.614 | 24.63 |
| 100 | 24.88 | 36.837 | 24.79 |
| 110 | 24.34 | 36.902 | 25.00 |
| 120 | 22.87 | 36.902 | 25.43 |
| 130 | 22.58 | 37.085 | 25.65 |
| 140 | 22.72 | 37.241 | 25.73 |
| 150 | 21.86 | 37.122 | 25.89 |
| 160 | 20.67 | 36.894 | 26.04 |
| 170 | 20.66 | 36.950 | 26.09 |
| 180 | 19.44 | 36.716 | 26.23 |
| 190 | 19.13 | 36.745 | 26.34 |
| 200 | 18.43 | 36.613 | 26.42 |
| 250 | 15.83 | 36.121 | 26.67 |
| 300 | 14.41 | 35.898 | 26.81 |
| 350 | 12.09 | 35.448 | 26.94 |
| 400 | 11.10 | 35.348 | 27.05 |
| 450 | 10.13 | 35.199 | 27.10 |
| 500 | 8.93 | 35.000 | 27.15 |
| 550 | 7.82 | 34.856 | 27.21 |
| 600 | 7.88 | 34.879 | 27.22 |
| 650 | 6.28 | 34.702 | 27.30 |
| 700 | 6.39 | 34.745 | 27.32 |
| 750 | 6.06 | 34.703 | 27.33 |
| 800 | 5.72 | 34.699 | 27.37 |
| 804 | 5.72 | 34.700 | 27.37 |

RES-STACS26-86 CTD 42 RESEARCHER

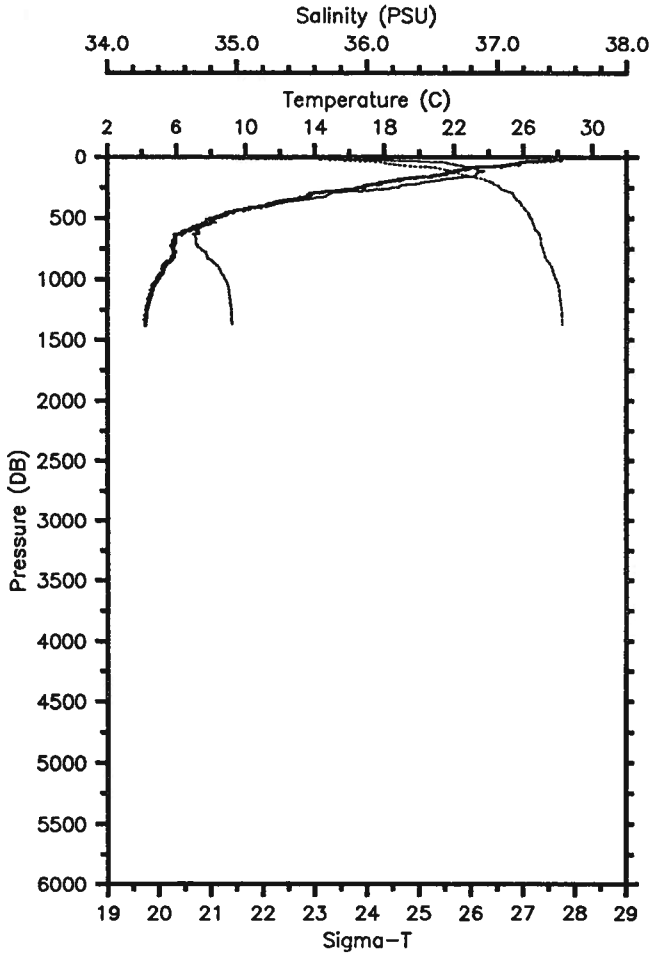
Date 11 11 86 Latitude 11.860 N

Time 0744 Z Longitude 63.528 W



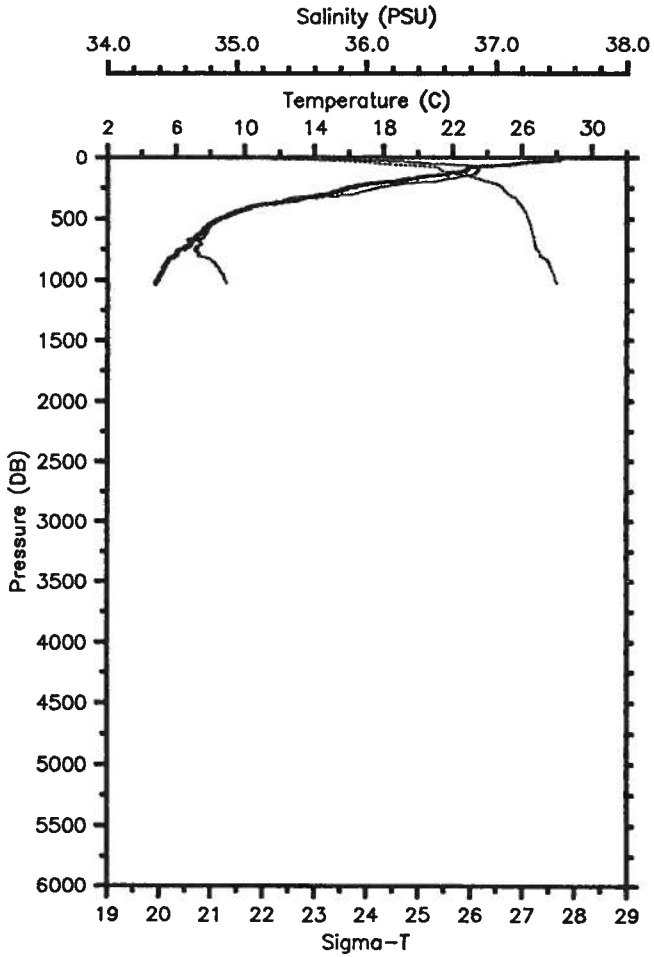

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.90 | 34.810 | 22.31 |
| 10 | 27.99 | 35.412 | 22.73 |
| 20 | 27.54 | 36.112 | 23.40 |
| 30 | 26.82 | 36.395 | 23.85 |
| 40 | 26.37 | 36.546 | 24.10 |
| 50 | 25.42 | 36.832 | 24.62 |
| 60 | 24.59 | 36.759 | 24.82 |
| 70 | 24.03 | 36.749 | 24.98 |
| 80 | 23.59 | 36.823 | 25.16 |
| 90 | 23.07 | 36.845 | 25.33 |
| 100 | 22.63 | 36.811 | 25.43 |
| 110 | 22.12 | 36.859 | 25.62 |
| 120 | 21.62 | 36.833 | 25.74 |
| 130 | 21.16 | 36.805 | 25.84 |
| 140 | 20.42 | 36.723 | 25.98 |
| 150 | 19.92 | 36.668 | 26.07 |
| 160 | 19.46 | 36.628 | 26.16 |
| 170 | 19.12 | 36.581 | 26.22 |
| 180 | 18.78 | 36.553 | 26.28 |
| 190 | 18.44 | 36.519 | 26.34 |
| 200 | 18.08 | 36.460 | 26.39 |
| 250 | 15.70 | 36.035 | 26.63 |
| 300 | 14.04 | 35.741 | 26.77 |
| 350 | 11.36 | 35.288 | 26.95 |
| 400 | 9.92 | 35.073 | 27.04 |
| 450 | 9.15 | 34.961 | 27.08 |
| 500 | 8.54 | 34.880 | 27.12 |
| 550 | 7.42 | 34.757 | 27.19 |
| 600 | 6.64 | 34.707 | 27.26 |
| 650 | 6.27 | 34.694 | 27.30 |
| 700 | 5.87 | 34.660 | 27.32 |
| 750 | 5.84 | 34.729 | 27.38 |
| 800 | 5.70 | 34.796 | 27.45 |
| 850 | 5.43 | 34.833 | 27.51 |
| 900 | 5.23 | 34.875 | 27.57 |
| 950 | 5.01 | 34.903 | 27.62 |
| 1000 | 4.89 | 34.916 | 27.64 |
| 1330 | 4.30 | 34.960 | 27.74 |

RES-STACS26-86 CTD 43 RESEARCHER
Date 11 11 86 Latitude 12.173 N
Time 1003 Z Longitude 63.567 W




| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.15 | 34.457 | 21.96 |
| 10 | 28.15 | 34.460 | 21.96 |
| 20 | 27.99 | 35.698 | 22.94 |
| 30 | 27.38 | 36.163 | 23.49 |
| 40 | 26.36 | 36.457 | 24.04 |
| 50 | 25.78 | 36.621 | 24.35 |
| 60 | 25.44 | 36.651 | 24.47 |
| 70 | 25.03 | 36.711 | 24.64 |
| 80 | 23.77 | 36.780 | 25.08 |
| 90 | 22.99 | 36.824 | 25.34 |
| 100 | 22.69 | 36.851 | 25.45 |
| 110 | 22.26 | 36.845 | 25.56 |
| 120 | 21.99 | 36.892 | 25.68 |
| 130 | 21.64 | 36.848 | 25.74 |
| 140 | 21.46 | 36.843 | 25.79 |
| 150 | 21.07 | 36.836 | 25.89 |
| 160 | 20.69 | 36.821 | 25.98 |
| 170 | 19.94 | 36.707 | 26.10 |
| 180 | 19.23 | 36.611 | 26.21 |
| 190 | 18.88 | 36.572 | 26.27 |
| 200 | 18.40 | 36.513 | 26.35 |
| 250 | 16.81 | 36.248 | 26.53 |
| 300 | 13.83 | 35.727 | 26.80 |
| 350 | 12.86 | 35.556 | 26.87 |
| 400 | 11.22 | 35.280 | 26.97 |
| 450 | 9.29 | 34.981 | 27.08 |
| 500 | 8.21 | 34.853 | 27.15 |
| 550 | 7.64 | 34.802 | 27.19 |
| 600 | 6.82 | 34.710 | 27.24 |
| 650 | 5.97 | 34.680 | 27.32 |
| 700 | 5.86 | 34.688 | 27.34 |
| 750 | 5.83 | 34.723 | 27.38 |
| 800 | 5.89 | 34.768 | 27.40 |
| 850 | 5.65 | 34.810 | 27.47 |
| 900 | 5.29 | 34.860 | 27.55 |
| 950 | 5.19 | 34.882 | 27.58 |
| 1000 | 4.93 | 34.912 | 27.64 |
| 1374 | 4.24 | 34.963 | 27.75 |

RES-STACS26-86 CTD 44 RESEARCHER
Date 11 11 86 Latitude 12.514 N
Time 1258 Z Longitude 63.492 W

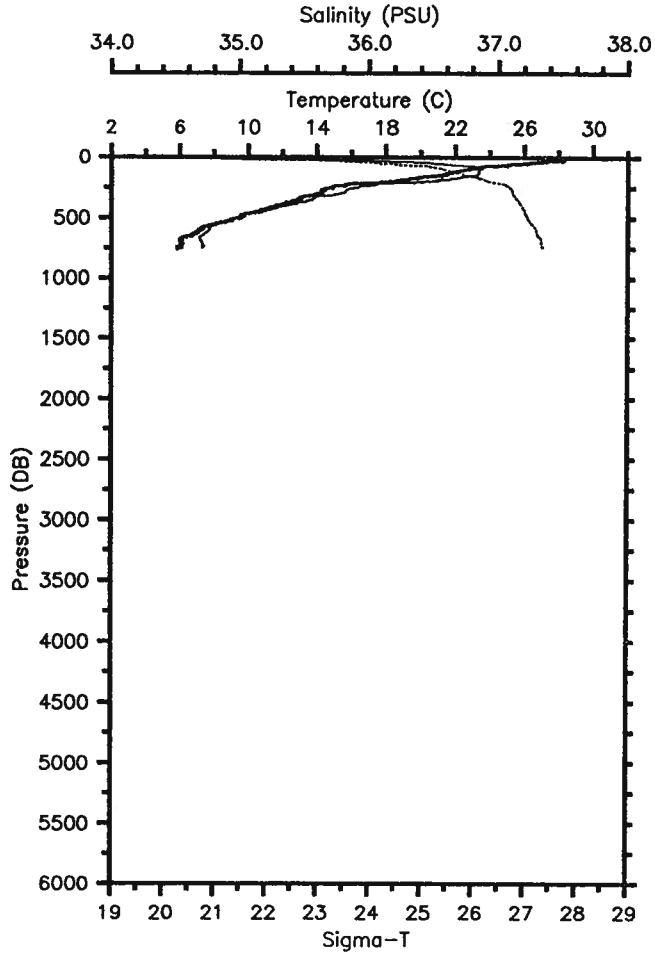



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.19 | 34.432 | 21.93 |
| 10 | 28.19 | 34.503 | 21.98 |
| 20 | 28.02 | 35.783 | 23.00 |
| 30 | 27.39 | 36.142 | 23.47 |
| 40 | 26.40 | 36.347 | 23.94 |
| 50 | 25.79 | 36.471 | 24.23 |
| 60 | 25.27 | 36.660 | 24.53 |
| 70 | 24.02 | 36.857 | 25.06 |
| 80 | 23.02 | 36.848 | 25.35 |
| 90 | 22.89 | 36.864 | 25.40 |
| 100 | 22.77 | 36.867 | 25.43 |
| 110 | 22.71 | 36.865 | 25.45 |
| 120 | 22.29 | 36.861 | 25.57 |
| 130 | 21.74 | 36.846 | 25.71 |
| 140 | 21.55 | 36.831 | 25.75 |
| 150 | 20.68 | 36.767 | 25.94 |
| 160 | 20.13 | 36.712 | 26.05 |
| 170 | 19.90 | 36.689 | 26.09 |
| 180 | 19.21 | 36.595 | 26.20 |
| 190 | 18.89 | 36.557 | 26.26 |
| 200 | 18.45 | 36.481 | 26.31 |
| 250 | 15.89 | 36.086 | 26.62 |
| 300 | 14.80 | 35.899 | 26.73 |
| 350 | 12.50 | 35.501 | 26.90 |
| 400 | 10.46 | 35.143 | 27.00 |
| 450 | 9.39 | 34.992 | 27.07 |
| 500 | 8.55 | 34.881 | 27.12 |
| 550 | 7.92 | 34.809 | 27.16 |
| 600 | 7.60 | 34.783 | 27.18 |
| 650 | 7.20 | 34.758 | 27.22 |
| 700 | 6.87 | 34.725 | 27.24 |
| 750 | 6.41 | 34.694 | 27.28 |
| 800 | 5.98 | 34.702 | 27.34 |
| 850 | 5.53 | 34.813 | 27.48 |
| 900 | 5.30 | 34.860 | 27.55 |
| 950 | 5.11 | 34.890 | 27.60 |
| 1000 | 4.95 | 34.908 | 27.63 |
| 1026 | 4.79 | 34.924 | 27.66 |

RES-STACS26-86 CTD 45 RESEARCHER

Date 11 11 86 Latitude 12.844 N

Time 1539 Z Longitude 63.547 W

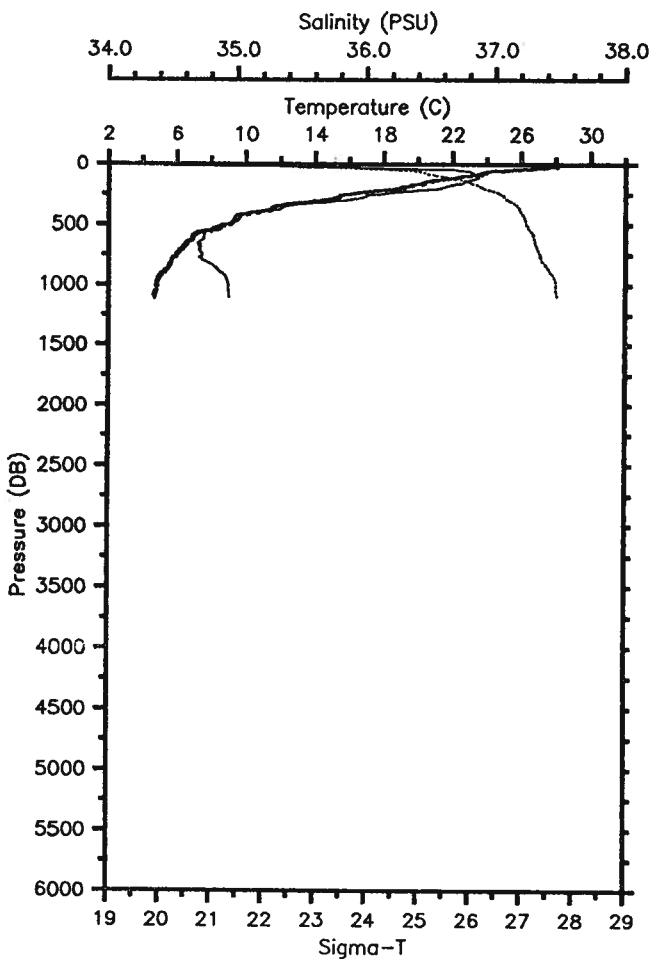



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.24 | 34.797 | 22.19 |
| 10 | 28.22 | 34.811 | 22.20 |
| 20 | 28.22 | 34.968 | 22.32 |
| 30 | 27.43 | 35.980 | 23.34 |
| 40 | 26.80 | 36.328 | 23.80 |
| 50 | 26.05 | 36.480 | 24.15 |
| 60 | 25.14 | 36.607 | 24.53 |
| 70 | 24.05 | 36.777 | 24.99 |
| 80 | 23.49 | 36.828 | 25.19 |
| 90 | 23.04 | 36.854 | 25.35 |
| 100 | 22.67 | 36.851 | 25.45 |
| 110 | 22.23 | 36.849 | 25.58 |
| 120 | 21.84 | 36.849 | 25.69 |
| 130 | 21.59 | 36.848 | 25.76 |
| 140 | 21.42 | 36.846 | 25.80 |
| 150 | 21.03 | 36.822 | 25.89 |
| 160 | 20.20 | 36.725 | 26.04 |
| 170 | 19.80 | 36.688 | 26.12 |
| 180 | 19.34 | 36.630 | 26.20 |
| 190 | 18.73 | 36.543 | 26.29 |
| 200 | 18.30 | 36.460 | 26.33 |
| 250 | 14.90 | 35.920 | 26.72 |
| 300 | 14.08 | 35.778 | 26.79 |
| 350 | 12.91 | 35.567 | 26.87 |
| 400 | 11.70 | 35.365 | 26.95 |
| 450 | 10.59 | 35.172 | 27.00 |
| 500 | 9.51 | 35.010 | 27.08 |
| 550 | 8.15 | 34.840 | 27.14 |
| 600 | 7.14 | 34.764 | 27.23 |
| 650 | 6.47 | 34.702 | 27.28 |
| 700 | 6.09 | 34.708 | 27.33 |
| 750 | 5.87 | 34.709 | 27.36 |

RES-STACS26-86 CTD 46 RESEARCHER

Date 11 11 86 Latitude 13.185 N

Time 1759 Z Longitude 63.552 W

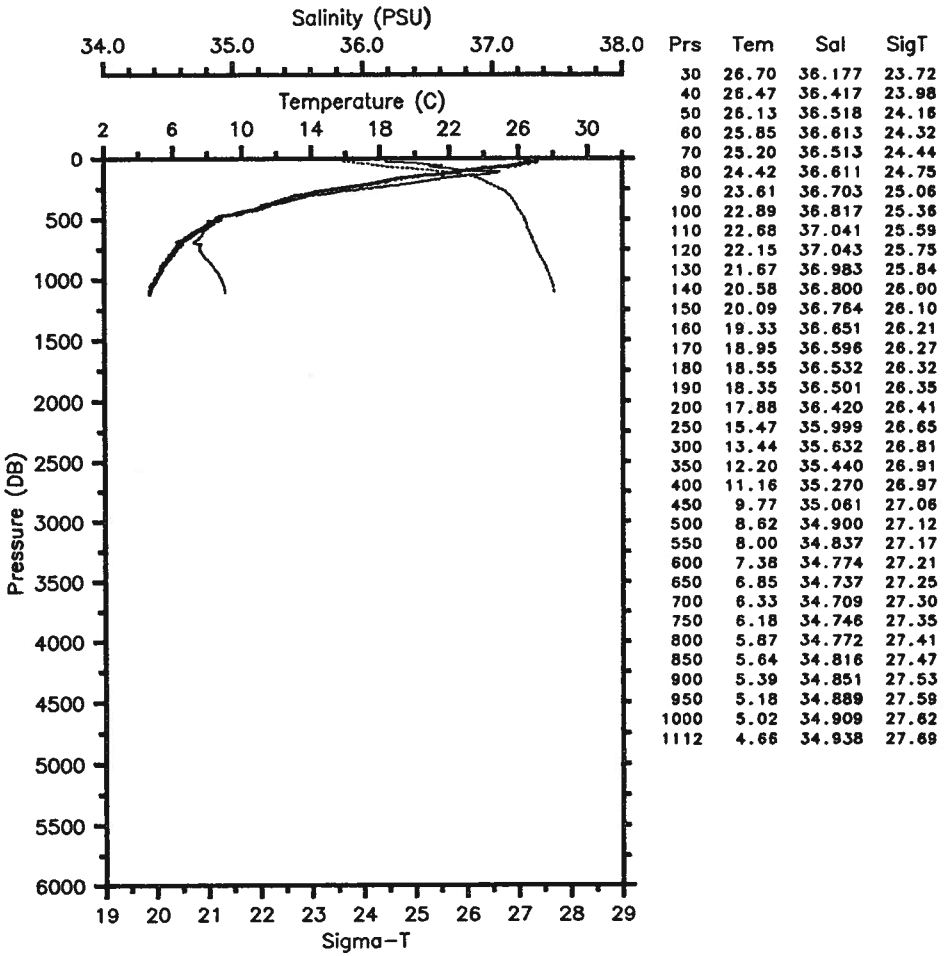



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.12 | 34.310 | 21.86 |
| 10 | 28.09 | 34.338 | 21.89 |
| 20 | 27.64 | 35.302 | 22.76 |
| 30 | 26.94 | 35.908 | 23.44 |
| 40 | 26.28 | 36.363 | 24.00 |
| 50 | 25.14 | 36.690 | 24.59 |
| 60 | 24.04 | 36.804 | 25.01 |
| 70 | 23.75 | 36.824 | 25.12 |
| 80 | 23.58 | 36.830 | 25.17 |
| 90 | 23.05 | 36.841 | 25.33 |
| 100 | 22.61 | 36.861 | 25.48 |
| 110 | 22.27 | 36.864 | 25.58 |
| 120 | 21.83 | 36.851 | 25.69 |
| 130 | 21.15 | 36.816 | 25.85 |
| 140 | 20.81 | 36.787 | 25.92 |
| 150 | 20.42 | 36.754 | 26.01 |
| 160 | 20.28 | 36.742 | 26.03 |
| 170 | 19.70 | 36.672 | 26.13 |
| 180 | 19.52 | 36.644 | 26.16 |
| 190 | 19.21 | 36.610 | 26.21 |
| 200 | 18.89 | 36.569 | 26.27 |
| 250 | 16.05 | 36.101 | 26.60 |
| 300 | 14.43 | 35.832 | 26.78 |
| 350 | 11.77 | 35.377 | 26.94 |
| 400 | 10.42 | 35.126 | 27.00 |
| 450 | 9.38 | 34.983 | 27.06 |
| 500 | 8.81 | 34.919 | 27.11 |
| 550 | 7.86 | 34.826 | 27.18 |
| 600 | 6.95 | 34.741 | 27.24 |
| 650 | 6.54 | 34.697 | 27.26 |
| 700 | 6.29 | 34.709 | 27.31 |
| 750 | 5.99 | 34.727 | 27.36 |
| 800 | 5.71 | 34.732 | 27.40 |
| 850 | 5.53 | 34.823 | 27.49 |
| 900 | 5.21 | 34.875 | 27.57 |
| 950 | 4.91 | 34.916 | 27.64 |
| 1000 | 4.82 | 34.927 | 27.66 |
| 1102 | 4.67 | 34.937 | 27.68 |

RES-STACS26-86 CTD 47 RESEARCHER

Date 11 11 86 Latitude 13.486 N

Time 2115 Z Longitude 63.558 W

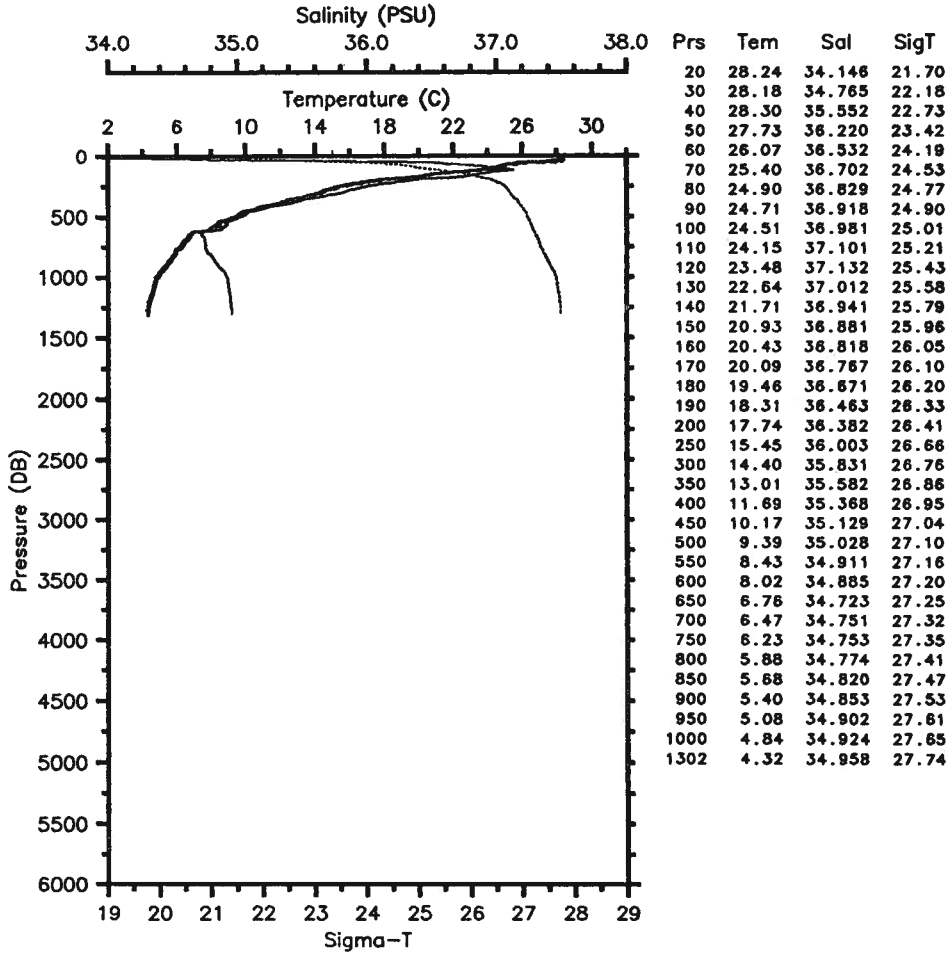



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 30 | 26.70 | 36.177 | 23.72 |
| 40 | 26.47 | 36.417 | 23.98 |
| 50 | 26.13 | 36.518 | 24.16 |
| 60 | 25.85 | 36.613 | 24.32 |
| 70 | 25.20 | 36.513 | 24.44 |
| 80 | 24.42 | 36.611 | 24.75 |
| 90 | 23.61 | 36.703 | 25.06 |
| 100 | 22.89 | 36.817 | 25.36 |
| 110 | 22.68 | 37.041 | 25.59 |
| 120 | 22.15 | 37.043 | 25.75 |
| 130 | 21.67 | 36.983 | 25.84 |
| 140 | 20.58 | 36.800 | 26.00 |
| 150 | 20.09 | 36.764 | 26.10 |
| 160 | 19.33 | 36.651 | 26.21 |
| 170 | 18.95 | 36.596 | 26.27 |
| 180 | 18.55 | 36.532 | 26.32 |
| 190 | 18.35 | 36.501 | 26.35 |
| 200 | 17.88 | 36.420 | 26.41 |
| 250 | 15.47 | 35.999 | 26.65 |
| 300 | 13.44 | 35.632 | 26.81 |
| 350 | 12.20 | 35.440 | 26.91 |
| 400 | 11.16 | 35.270 | 26.97 |
| 450 | 9.77 | 35.061 | 27.06 |
| 500 | 8.62 | 34.900 | 27.12 |
| 550 | 8.00 | 34.837 | 27.17 |
| 600 | 7.38 | 34.774 | 27.21 |
| 650 | 6.85 | 34.737 | 27.25 |
| 700 | 6.33 | 34.709 | 27.30 |
| 750 | 6.18 | 34.746 | 27.35 |
| 800 | 5.87 | 34.772 | 27.41 |
| 850 | 5.64 | 34.816 | 27.47 |
| 900 | 5.39 | 34.851 | 27.53 |
| 950 | 5.18 | 34.889 | 27.59 |
| 1000 | 5.02 | 34.909 | 27.62 |
| 1112 | 4.66 | 34.938 | 27.69 |

RES-STACS26-86 CTD 48 RESEARCHER

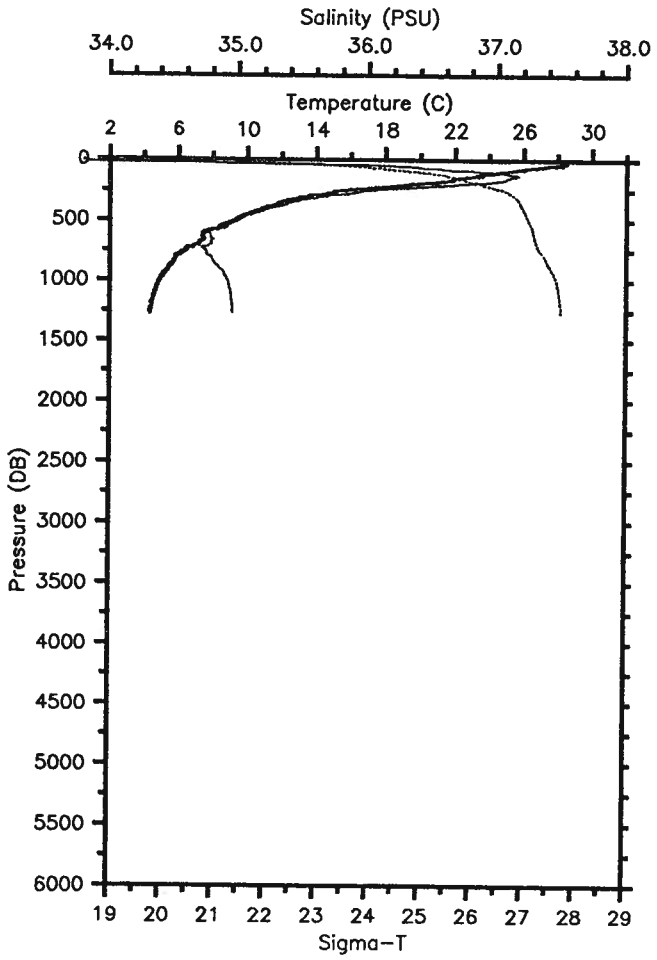
Date 11 12 86 Latitude 13.836 N

Time 0028 Z Longitude 63.552 W



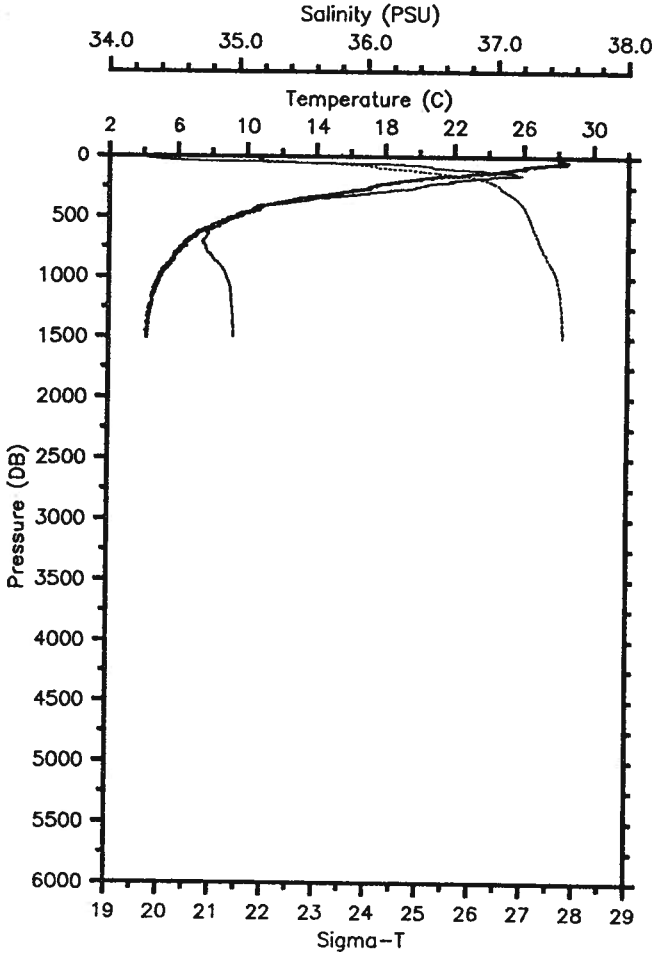

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 20 | 28.24 | 34.146 | 21.70 |
| 30 | 28.18 | 34.765 | 22.18 |
| 40 | 28.30 | 35.552 | 22.73 |
| 50 | 27.73 | 36.220 | 23.42 |
| 60 | 26.07 | 36.532 | 24.19 |
| 70 | 25.40 | 36.702 | 24.53 |
| 80 | 24.90 | 36.829 | 24.77 |
| 90 | 24.71 | 36.918 | 24.90 |
| 100 | 24.51 | 36.981 | 25.01 |
| 110 | 24.15 | 37.101 | 25.21 |
| 120 | 23.48 | 37.132 | 25.43 |
| 130 | 22.64 | 37.012 | 25.58 |
| 140 | 21.71 | 36.941 | 25.79 |
| 150 | 20.93 | 36.881 | 25.96 |
| 160 | 20.43 | 36.818 | 26.05 |
| 170 | 20.09 | 36.767 | 26.10 |
| 180 | 19.46 | 36.671 | 26.20 |
| 190 | 18.31 | 36.463 | 26.33 |
| 200 | 17.74 | 36.382 | 26.41 |
| 250 | 15.45 | 36.003 | 26.66 |
| 300 | 14.40 | 35.831 | 26.76 |
| 350 | 13.01 | 35.582 | 26.86 |
| 400 | 11.69 | 35.368 | 26.95 |
| 450 | 10.17 | 35.129 | 27.04 |
| 500 | 9.39 | 35.028 | 27.10 |
| 550 | 8.43 | 34.911 | 27.16 |
| 600 | 8.02 | 34.885 | 27.20 |
| 650 | 6.76 | 34.723 | 27.25 |
| 700 | 6.47 | 34.751 | 27.32 |
| 750 | 6.23 | 34.753 | 27.35 |
| 800 | 5.88 | 34.774 | 27.41 |
| 850 | 5.68 | 34.820 | 27.47 |
| 900 | 5.40 | 34.853 | 27.53 |
| 950 | 5.08 | 34.902 | 27.61 |
| 1000 | 4.84 | 34.924 | 27.65 |
| 1302 | 4.32 | 34.958 | 27.74 |

RES-STACS26-86 CTD 49 RESEARCHER
Date 11 12 86 Latitude 14.171 N
Time 0306 Z Longitude 63.555 W



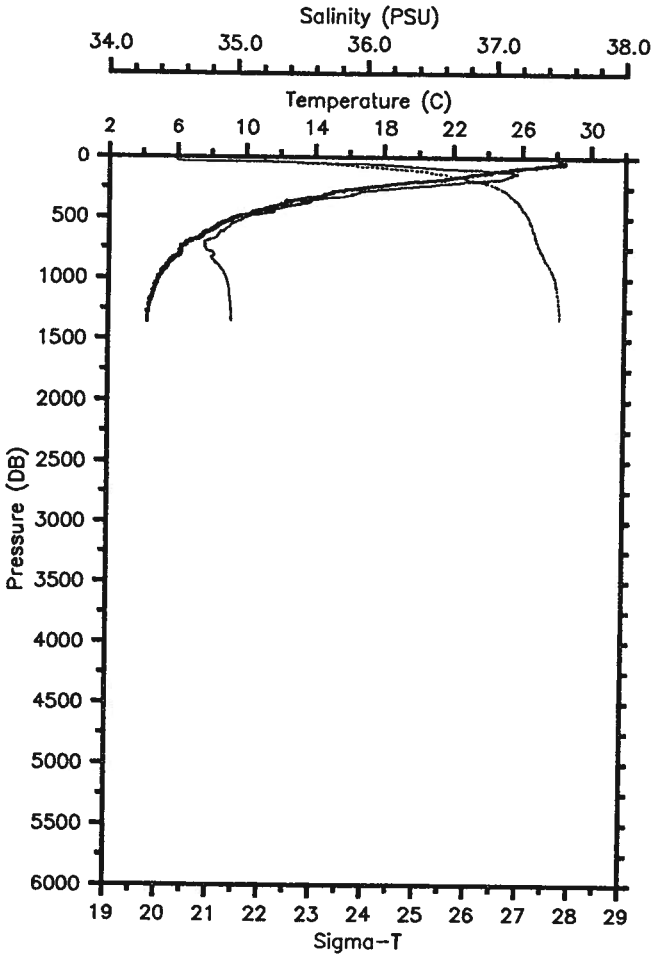

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.19 | 33.798 | 21.45 |
| 10 | 28.19 | 33.802 | 21.45 |
| 20 | 28.20 | 33.821 | 21.46 |
| 30 | 28.43 | 34.638 | 22.00 |
| 40 | 27.95 | 35.607 | 22.89 |
| 50 | 27.26 | 36.186 | 23.55 |
| 60 | 26.66 | 36.372 | 23.88 |
| 70 | 26.01 | 36.490 | 24.17 |
| 80 | 25.51 | 36.600 | 24.41 |
| 90 | 25.09 | 36.851 | 24.73 |
| 100 | 24.56 | 36.981 | 24.99 |
| 110 | 24.02 | 37.061 | 25.22 |
| 120 | 23.56 | 37.126 | 25.40 |
| 130 | 23.18 | 37.137 | 25.52 |
| 140 | 22.68 | 37.129 | 25.66 |
| 150 | 22.09 | 37.082 | 25.79 |
| 160 | 21.86 | 37.060 | 25.84 |
| 170 | 21.61 | 37.010 | 25.87 |
| 180 | 20.96 | 36.930 | 25.99 |
| 190 | 20.06 | 36.806 | 26.14 |
| 200 | 19.40 | 36.675 | 26.21 |
| 250 | 15.74 | 36.055 | 26.64 |
| 300 | 13.59 | 35.688 | 26.82 |
| 350 | 12.02 | 35.418 | 26.93 |
| 400 | 11.02 | 35.251 | 26.99 |
| 450 | 10.05 | 35.099 | 27.04 |
| 500 | 9.36 | 35.009 | 27.09 |
| 550 | 8.48 | 34.908 | 27.15 |
| 600 | 7.54 | 34.778 | 27.19 |
| 650 | 7.44 | 34.785 | 27.21 |
| 700 | 7.22 | 34.790 | 27.24 |
| 750 | 6.43 | 34.733 | 27.31 |
| 800 | 5.87 | 34.781 | 27.42 |
| 850 | 5.71 | 34.806 | 27.46 |
| 900 | 5.44 | 34.850 | 27.52 |
| 950 | 5.15 | 34.887 | 27.59 |
| 1000 | 4.91 | 34.910 | 27.64 |
| 1268 | 4.38 | 34.954 | 27.73 |

RES-STACS26-86 CTD 50 RESEARCHER
Date 11 12 86 Latitude 14.675 N
Time 0635 Z Longitude 63.557 W



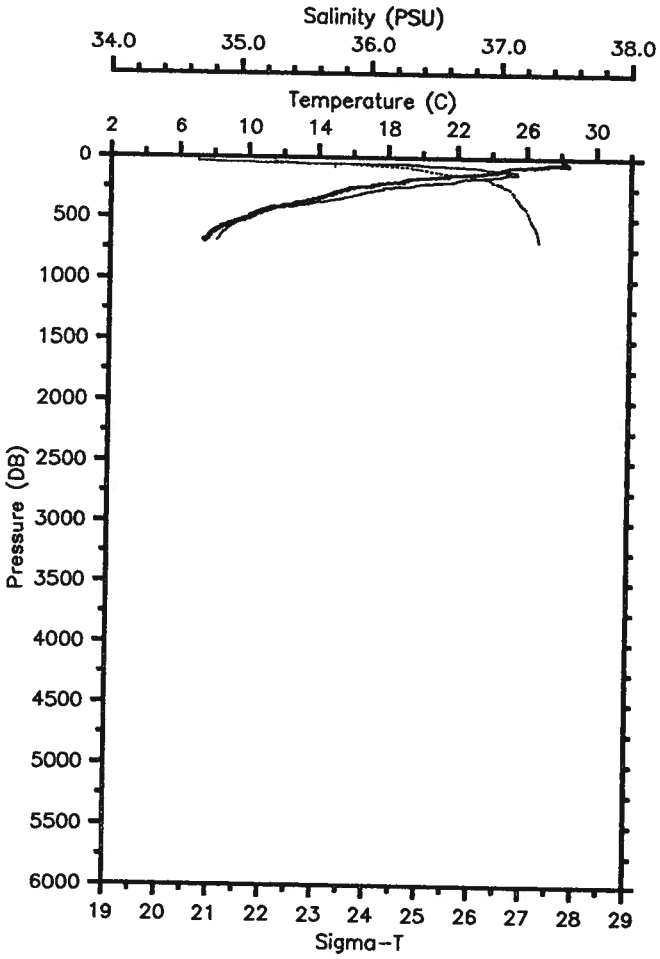

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.98 | 34.291 | 21.89 |
| 10 | 28.00 | 34.294 | 21.89 |
| 20 | 28.02 | 34.309 | 21.89 |
| 30 | 28.13 | 34.459 | 21.97 |
| 40 | 28.28 | 34.668 | 22.07 |
| 50 | 28.42 | 35.312 | 22.51 |
| 60 | 27.89 | 35.943 | 23.16 |
| 70 | 26.95 | 36.366 | 23.78 |
| 80 | 26.11 | 36.483 | 24.14 |
| 90 | 26.05 | 36.502 | 24.17 |
| 100 | 25.56 | 36.598 | 24.40 |
| 110 | 25.09 | 36.802 | 24.70 |
| 120 | 24.60 | 36.944 | 24.95 |
| 130 | 24.07 | 37.072 | 25.21 |
| 140 | 23.03 | 37.133 | 25.56 |
| 150 | 22.50 | 37.129 | 25.71 |
| 160 | 21.60 | 37.024 | 25.88 |
| 170 | 20.75 | 36.941 | 26.06 |
| 180 | 20.12 | 36.834 | 26.14 |
| 190 | 19.64 | 36.750 | 26.21 |
| 200 | 19.03 | 36.660 | 26.30 |
| 250 | 17.24 | 36.398 | 26.55 |
| 300 | 15.46 | 36.043 | 26.69 |
| 350 | 13.01 | 35.605 | 26.88 |
| 400 | 11.34 | 35.307 | 26.97 |
| 450 | 10.37 | 35.164 | 27.03 |
| 500 | 9.39 | 35.031 | 27.10 |
| 550 | 8.42 | 34.890 | 27.14 |
| 600 | 7.68 | 34.803 | 27.19 |
| 650 | 7.10 | 34.767 | 27.24 |
| 700 | 6.59 | 34.735 | 27.29 |
| 750 | 6.28 | 34.748 | 27.34 |
| 800 | 5.94 | 34.762 | 27.39 |
| 850 | 5.76 | 34.807 | 27.45 |
| 900 | 5.46 | 34.854 | 27.53 |
| 950 | 5.15 | 34.887 | 27.59 |
| 1000 | 4.95 | 34.908 | 27.63 |
| 1496 | 4.20 | 34.964 | 27.76 |

RES-STACS26-86 CTD 51 RESEARCHER
Date 11 12 86 Latitude 15.003 N
Time 1048 Z Longitude 63.556 W




| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.12 | 34.530 | 22.02 |
| 10 | 28.12 | 34.528 | 22.02 |
| 20 | 28.12 | 34.526 | 22.02 |
| 30 | 28.13 | 34.528 | 22.02 |
| 40 | 28.36 | 35.248 | 22.48 |
| 50 | 28.34 | 35.651 | 22.79 |
| 60 | 27.75 | 36.086 | 23.31 |
| 70 | 27.03 | 36.241 | 23.66 |
| 80 | 26.33 | 36.396 | 24.00 |
| 90 | 25.70 | 36.535 | 24.30 |
| 100 | 25.28 | 36.726 | 24.58 |
| 110 | 24.73 | 36.959 | 24.92 |
| 120 | 24.20 | 37.120 | 25.20 |
| 130 | 23.89 | 37.141 | 25.31 |
| 140 | 23.18 | 37.128 | 25.51 |
| 150 | 22.90 | 37.125 | 25.59 |
| 160 | 22.34 | 37.079 | 25.72 |
| 170 | 21.89 | 37.068 | 25.84 |
| 180 | 21.51 | 37.048 | 25.93 |
| 190 | 20.84 | 36.930 | 26.02 |
| 200 | 20.11 | 36.839 | 26.15 |
| 250 | 16.93 | 36.296 | 26.54 |
| 300 | 14.87 | 35.928 | 26.73 |
| 350 | 13.19 | 35.627 | 26.86 |
| 400 | 11.89 | 35.436 | 26.97 |
| 450 | 10.43 | 35.198 | 27.05 |
| 500 | 9.43 | 35.064 | 27.12 |
| 550 | 8.64 | 34.976 | 27.18 |
| 600 | 8.06 | 34.911 | 27.21 |
| 650 | 7.50 | 34.855 | 27.25 |
| 700 | 6.75 | 34.771 | 27.29 |
| 750 | 6.25 | 34.749 | 27.34 |
| 800 | 6.20 | 34.815 | 27.40 |
| 850 | 5.72 | 34.806 | 27.46 |
| 900 | 5.42 | 34.858 | 27.53 |
| 950 | 5.12 | 34.896 | 27.60 |
| 1000 | 4.92 | 34.918 | 27.64 |
| 1350 | 4.30 | 34.958 | 27.74 |

RES-STACS26-86 CTD 52 RESEARCHER
Date 11 12 86 Latitude 15.505 N
Time 1453 Z Longitude 63.554 W

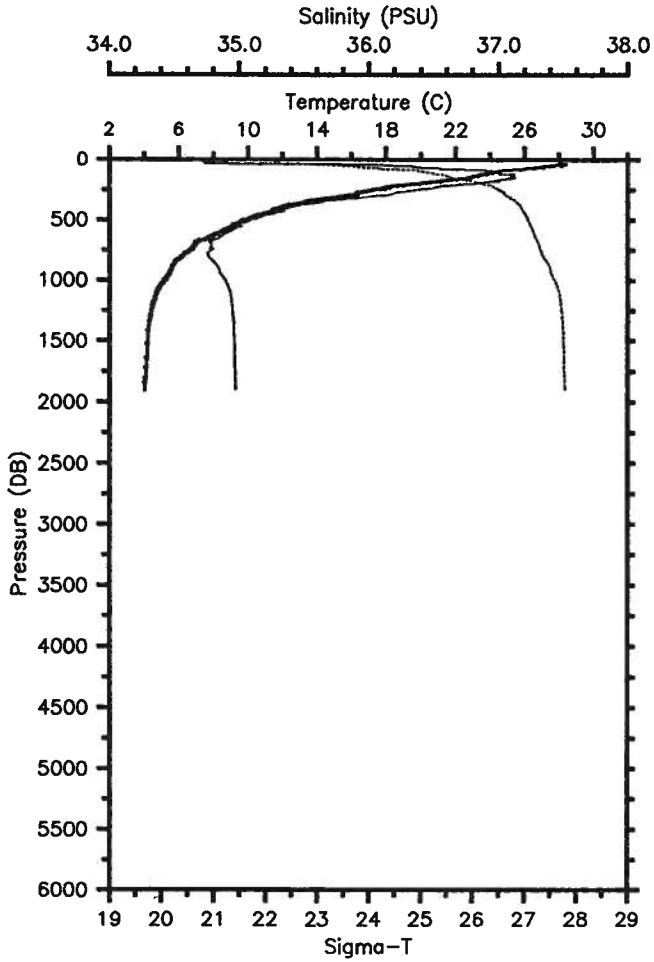



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.09 | 34.671 | 22.14 |
| 10 | 28.08 | 34.672 | 22.14 |
| 20 | 28.08 | 34.672 | 22.14 |
| 30 | 28.09 | 34.672 | 22.14 |
| 40 | 28.12 | 34.749 | 22.19 |
| 50 | 28.31 | 35.297 | 22.54 |
| 60 | 27.18 | 36.333 | 23.68 |
| 70 | 26.31 | 36.490 | 24.08 |
| 80 | 25.19 | 36.754 | 24.63 |
| 90 | 24.83 | 36.846 | 24.81 |
| 100 | 24.59 | 36.957 | 24.97 |
| 110 | 24.30 | 37.053 | 25.13 |
| 120 | 24.03 | 37.120 | 25.26 |
| 130 | 23.45 | 37.100 | 25.41 |
| 140 | 22.55 | 37.082 | 25.66 |
| 150 | 21.47 | 37.012 | 25.91 |
| 160 | 20.96 | 36.935 | 26.00 |
| 170 | 20.08 | 36.805 | 26.14 |
| 180 | 19.21 | 36.704 | 26.29 |
| 190 | 18.95 | 36.664 | 26.32 |
| 200 | 18.82 | 36.636 | 26.33 |
| 250 | 16.10 | 36.158 | 26.63 |
| 300 | 14.82 | 35.928 | 26.74 |
| 350 | 13.70 | 35.737 | 26.84 |
| 400 | 12.03 | 35.432 | 26.94 |
| 450 | 10.68 | 35.213 | 27.02 |
| 500 | 9.91 | 35.094 | 27.08 |
| 550 | 8.90 | 34.970 | 27.13 |
| 600 | 8.17 | 34.894 | 27.19 |
| 650 | 7.73 | 34.847 | 27.21 |
| 690 | 7.42 | 34.818 | 27.24 |

RES-STACS26-86 CTD 53 RESEARCHER

Date 11 12 86 Latitude 16.011 N

Time 1852 Z Longitude 63.577 W

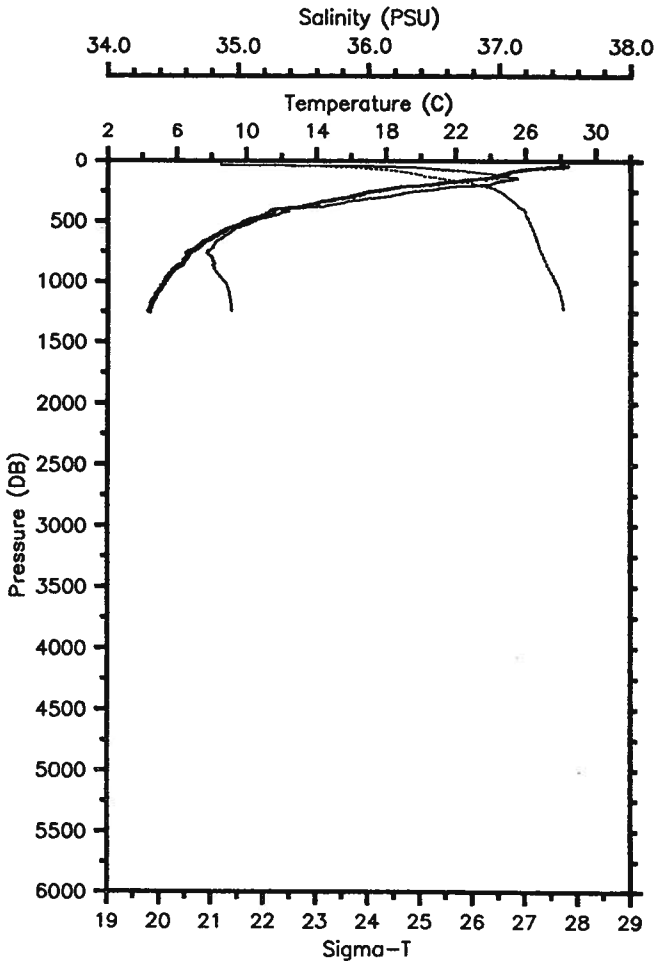



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.04 | 34.725 | 22.20 |
| 10 | 28.04 | 34.726 | 22.20 |
| 20 | 28.04 | 34.725 | 22.20 |
| 30 | 28.04 | 34.731 | 22.20 |
| 40 | 28.15 | 35.747 | 22.93 |
| 50 | 27.59 | 36.177 | 23.43 |
| 60 | 27.08 | 36.342 | 23.72 |
| 70 | 26.37 | 36.427 | 24.02 |
| 80 | 25.71 | 36.640 | 24.38 |
| 90 | 24.66 | 36.937 | 24.93 |
| 100 | 24.29 | 36.956 | 25.05 |
| 110 | 23.92 | 37.000 | 25.20 |
| 120 | 23.61 | 37.000 | 25.29 |
| 130 | 23.33 | 37.111 | 25.46 |
| 140 | 23.03 | 37.113 | 25.55 |
| 150 | 22.78 | 37.126 | 25.63 |
| 160 | 22.24 | 37.062 | 25.73 |
| 170 | 21.50 | 36.989 | 25.89 |
| 180 | 21.06 | 36.959 | 25.99 |
| 190 | 20.29 | 36.854 | 26.11 |
| 200 | 19.88 | 36.785 | 26.17 |
| 250 | 17.20 | 36.348 | 26.52 |
| 300 | 15.42 | 36.020 | 26.68 |
| 350 | 13.27 | 35.639 | 26.85 |
| 400 | 11.81 | 35.385 | 26.94 |
| 450 | 10.95 | 35.266 | 27.01 |
| 500 | 9.73 | 35.071 | 27.07 |
| 550 | 9.05 | 34.990 | 27.12 |
| 600 | 8.42 | 34.919 | 27.17 |
| 650 | 7.68 | 34.841 | 27.22 |
| 700 | 6.95 | 34.785 | 27.28 |
| 750 | 6.67 | 34.782 | 27.31 |
| 800 | 6.19 | 34.763 | 27.36 |
| 850 | 5.82 | 34.804 | 27.44 |
| 900 | 5.61 | 34.838 | 27.50 |
| 950 | 5.48 | 34.856 | 27.53 |
| 1000 | 5.18 | 34.896 | 27.59 |
| 1500 | 4.22 | 34.984 | 27.76 |
| 1892 | 4.04 | 34.971 | 27.78 |

RES-STACS26-86 CTD 54 RESEARCHER

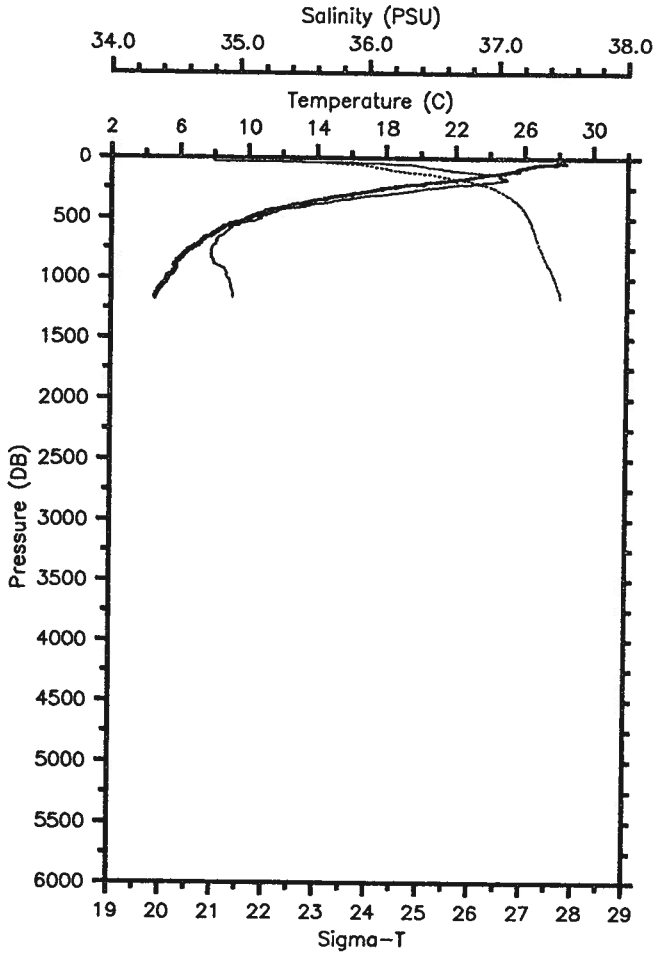
Date 11 12 86 Latitude 16.484 N

Time 2314 Z Longitude 63.545 W



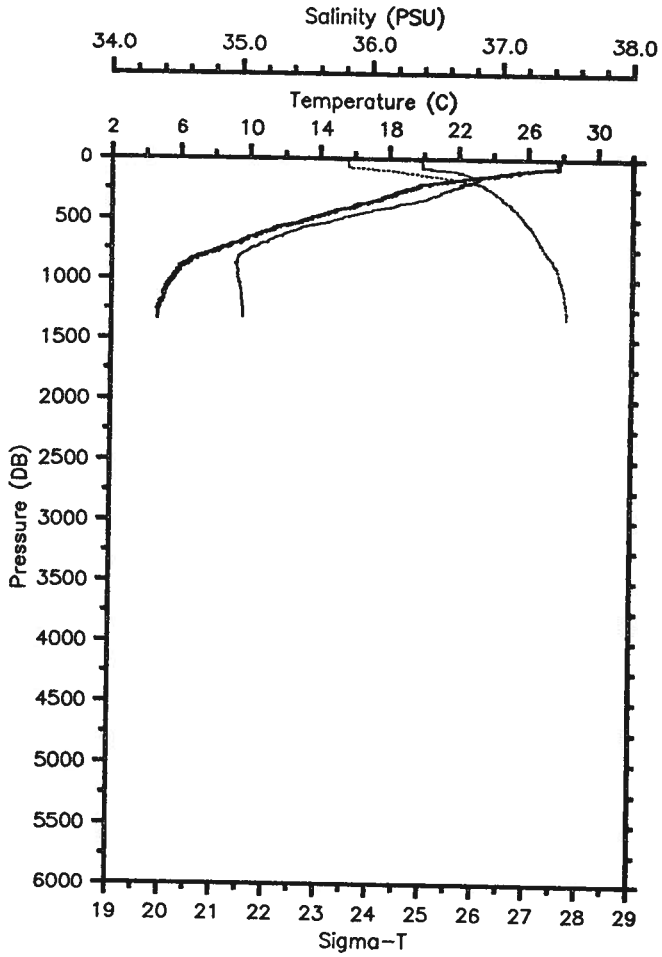

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.06 | 34.875 | 22.30 |
| 10 | 28.07 | 34.872 | 22.30 |
| 20 | 28.08 | 34.870 | 22.29 |
| 30 | 28.08 | 34.870 | 22.29 |
| 40 | 28.08 | 34.870 | 22.29 |
| 50 | 27.93 | 36.176 | 23.32 |
| 60 | 27.00 | 36.408 | 23.80 |
| 70 | 26.17 | 36.537 | 24.16 |
| 80 | 25.61 | 36.678 | 24.44 |
| 90 | 25.23 | 36.780 | 24.64 |
| 100 | 24.95 | 36.881 | 24.80 |
| 110 | 24.74 | 36.962 | 24.92 |
| 120 | 24.47 | 36.969 | 25.03 |
| 130 | 24.34 | 36.990 | 25.07 |
| 140 | 24.03 | 37.129 | 25.26 |
| 150 | 23.42 | 37.088 | 25.41 |
| 160 | 22.55 | 37.005 | 25.60 |
| 170 | 22.11 | 37.017 | 25.74 |
| 180 | 21.42 | 36.977 | 25.90 |
| 190 | 20.99 | 36.948 | 26.00 |
| 200 | 20.55 | 36.907 | 26.09 |
| 250 | 17.33 | 36.384 | 26.51 |
| 300 | 15.90 | 36.122 | 26.65 |
| 350 | 14.10 | 35.808 | 26.81 |
| 400 | 11.87 | 35.419 | 26.96 |
| 450 | 11.15 | 35.317 | 27.01 |
| 500 | 10.02 | 35.136 | 27.07 |
| 550 | 9.21 | 35.021 | 27.12 |
| 600 | 8.54 | 34.941 | 27.16 |
| 650 | 7.93 | 34.878 | 27.21 |
| 700 | 7.37 | 34.819 | 27.24 |
| 750 | 6.75 | 34.763 | 27.29 |
| 800 | 6.57 | 34.795 | 27.34 |
| 850 | 6.34 | 34.820 | 27.39 |
| 900 | 5.84 | 34.816 | 27.45 |
| 950 | 5.56 | 34.857 | 27.52 |
| 1000 | 5.32 | 34.894 | 27.57 |
| 1248 | 4.41 | 34.954 | 27.73 |

RES-STACS26-86 CTD 55 RESEARCHER
Date 11 13 86 Latitude 16.838 N
Time 0237 Z Longitude 63.561 W



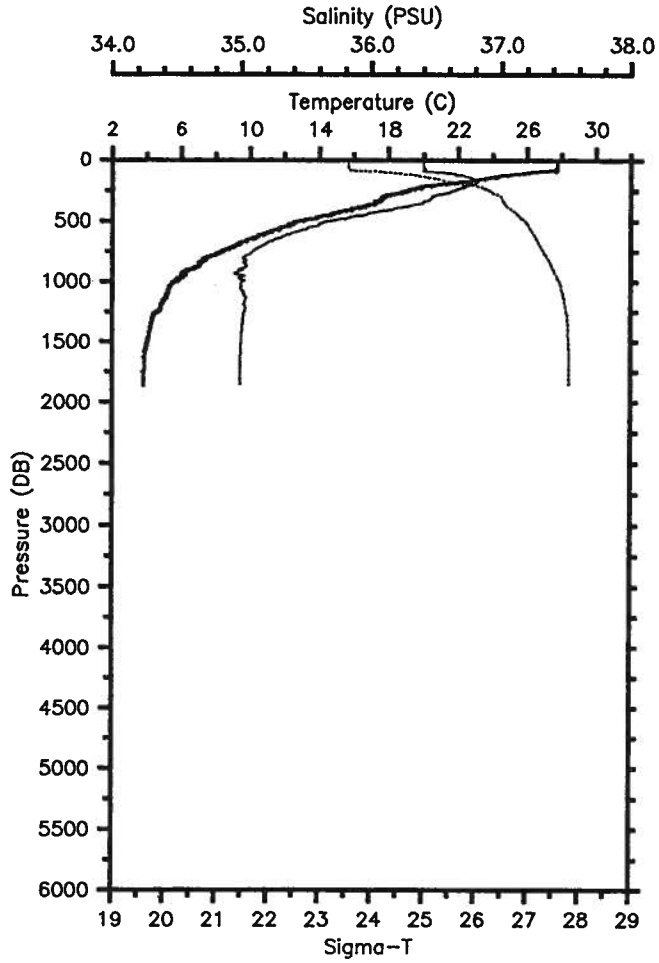

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.94 | 34.793 | 22.28 |
| 10 | 27.94 | 34.791 | 22.28 |
| 20 | 27.94 | 34.790 | 22.28 |
| 30 | 27.95 | 34.795 | 22.28 |
| 40 | 27.92 | 35.885 | 23.11 |
| 50 | 27.37 | 36.133 | 23.47 |
| 60 | 26.59 | 36.365 | 23.90 |
| 70 | 26.25 | 36.425 | 24.05 |
| 80 | 25.94 | 36.475 | 24.19 |
| 90 | 25.68 | 36.566 | 24.34 |
| 100 | 25.54 | 36.623 | 24.42 |
| 110 | 25.19 | 36.717 | 24.60 |
| 120 | 24.88 | 36.826 | 24.78 |
| 130 | 24.28 | 36.929 | 25.04 |
| 140 | 23.75 | 37.002 | 25.25 |
| 150 | 23.39 | 37.015 | 25.37 |
| 160 | 22.86 | 37.021 | 25.53 |
| 170 | 22.60 | 37.059 | 25.63 |
| 180 | 22.04 | 37.067 | 25.80 |
| 190 | 21.26 | 36.998 | 25.98 |
| 200 | 20.86 | 36.931 | 26.02 |
| 250 | 18.01 | 36.475 | 26.42 |
| 300 | 16.07 | 36.154 | 26.64 |
| 350 | 14.01 | 35.779 | 26.80 |
| 400 | 12.37 | 35.517 | 26.94 |
| 450 | 10.97 | 35.286 | 27.02 |
| 500 | 10.05 | 35.155 | 27.08 |
| 550 | 8.94 | 34.993 | 27.14 |
| 600 | 8.31 | 34.915 | 27.18 |
| 650 | 7.84 | 34.870 | 27.22 |
| 700 | 7.25 | 34.819 | 27.26 |
| 750 | 6.72 | 34.782 | 27.31 |
| 800 | 6.30 | 34.778 | 27.36 |
| 850 | 5.96 | 34.794 | 27.42 |
| 900 | 5.69 | 34.823 | 27.47 |
| 950 | 5.65 | 34.892 | 27.53 |
| 1000 | 5.28 | 34.900 | 27.58 |
| 1166 | 4.56 | 34.947 | 27.70 |

RES-STACS26-86 CTD 56 RESEARCHER
Date 11 15 86 Latitude 20.150 N
Time 0032 Z Longitude 72.984 W



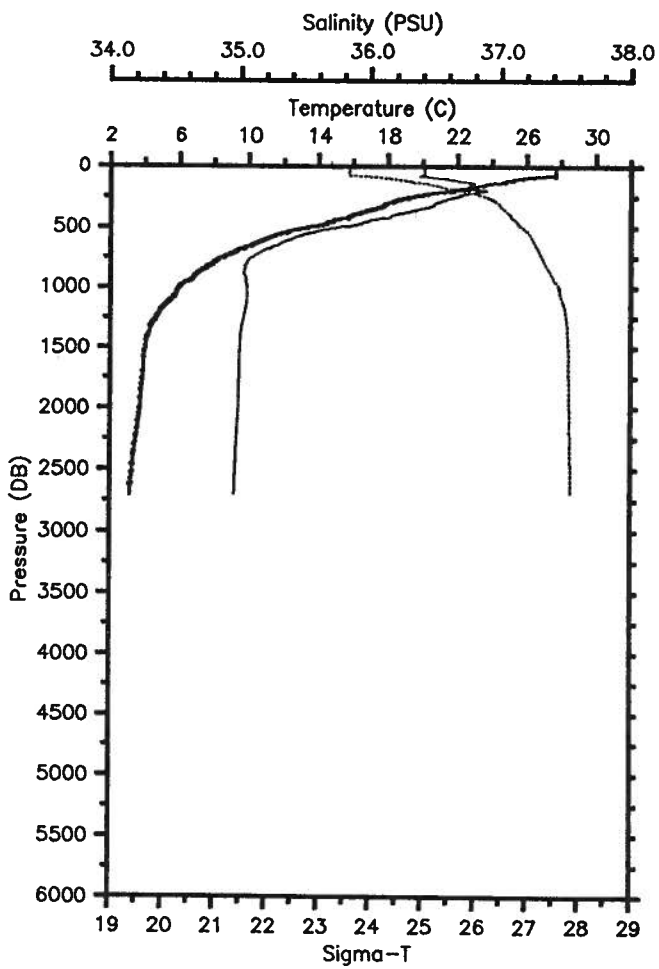

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.85 | 36.319 | 23.46 |
| 10 | 27.85 | 36.321 | 23.46 |
| 20 | 27.76 | 36.383 | 23.53 |
| 30 | 27.75 | 36.386 | 23.54 |
| 40 | 27.74 | 36.387 | 23.54 |
| 50 | 27.72 | 36.387 | 23.55 |
| 60 | 27.72 | 36.387 | 23.55 |
| 70 | 27.72 | 36.389 | 23.55 |
| 80 | 27.02 | 36.441 | 23.82 |
| 90 | 26.34 | 36.450 | 24.04 |
| 100 | 25.65 | 36.602 | 24.37 |
| 110 | 25.10 | 36.677 | 24.60 |
| 120 | 24.81 | 36.660 | 24.67 |
| 130 | 24.23 | 36.732 | 24.90 |
| 140 | 23.88 | 36.753 | 25.02 |
| 150 | 23.25 | 36.796 | 25.24 |
| 160 | 22.71 | 36.810 | 25.41 |
| 170 | 22.24 | 36.821 | 25.55 |
| 180 | 21.75 | 36.810 | 25.68 |
| 190 | 21.22 | 36.781 | 25.81 |
| 200 | 20.65 | 36.743 | 25.93 |
| 250 | 19.23 | 36.612 | 26.21 |
| 300 | 18.19 | 36.510 | 26.40 |
| 350 | 17.10 | 36.358 | 26.55 |
| 400 | 15.95 | 36.174 | 26.68 |
| 450 | 14.54 | 35.935 | 26.81 |
| 500 | 13.52 | 35.773 | 26.90 |
| 550 | 12.35 | 35.593 | 27.00 |
| 600 | 11.19 | 35.423 | 27.09 |
| 650 | 10.33 | 35.311 | 27.16 |
| 700 | 9.43 | 35.198 | 27.22 |
| 750 | 8.32 | 35.070 | 27.30 |
| 800 | 7.45 | 34.998 | 27.37 |
| 850 | 6.58 | 34.989 | 27.47 |
| 900 | 5.97 | 34.965 | 27.55 |
| 950 | 5.78 | 34.970 | 27.58 |
| 1000 | 5.57 | 34.970 | 27.60 |
| 1326 | 4.70 | 35.010 | 27.74 |

RES-STACS26-86 CTD 57 RESEARCHER
Date 11 15 86 Latitude 20.246 N
Time 0219 Z Longitude 73.004 W



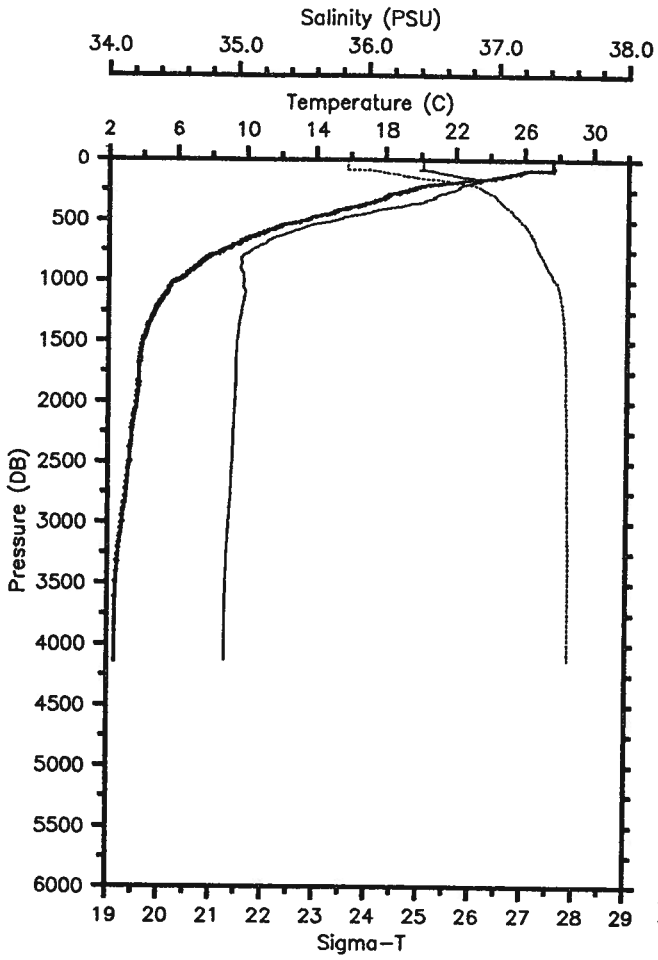

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.74 | 36.401 | 23.55 |
| 10 | 27.75 | 36.402 | 23.55 |
| 20 | 27.75 | 36.401 | 23.55 |
| 30 | 27.75 | 36.401 | 23.55 |
| 40 | 27.75 | 36.401 | 23.55 |
| 50 | 27.75 | 36.401 | 23.55 |
| 60 | 27.75 | 36.400 | 23.55 |
| 70 | 27.73 | 36.411 | 23.57 |
| 80 | 27.69 | 36.416 | 23.58 |
| 90 | 27.16 | 36.403 | 23.75 |
| 100 | 26.17 | 36.500 | 24.13 |
| 110 | 25.61 | 36.634 | 24.41 |
| 120 | 24.94 | 36.652 | 24.63 |
| 130 | 24.29 | 36.730 | 24.88 |
| 140 | 23.92 | 36.763 | 25.02 |
| 150 | 23.62 | 36.785 | 25.12 |
| 160 | 23.06 | 36.798 | 25.30 |
| 170 | 22.72 | 36.810 | 25.41 |
| 180 | 22.05 | 36.816 | 25.60 |
| 190 | 21.69 | 36.794 | 25.69 |
| 200 | 20.97 | 36.772 | 25.87 |
| 250 | 19.06 | 36.633 | 26.27 |
| 300 | 17.68 | 36.486 | 26.49 |
| 350 | 17.21 | 36.393 | 26.55 |
| 400 | 15.89 | 36.169 | 26.69 |
| 450 | 14.59 | 35.948 | 26.81 |
| 500 | 12.81 | 35.667 | 26.97 |
| 550 | 11.85 | 35.521 | 27.04 |
| 600 | 10.87 | 35.386 | 27.12 |
| 650 | 9.92 | 35.260 | 27.19 |
| 700 | 9.17 | 35.168 | 27.24 |
| 750 | 8.39 | 35.090 | 27.30 |
| 800 | 7.56 | 35.021 | 27.38 |
| 850 | 7.05 | 35.028 | 27.45 |
| 900 | 6.37 | 34.974 | 27.51 |
| 950 | 6.20 | 35.019 | 27.56 |
| 1000 | 5.64 | 35.001 | 27.62 |
| 1500 | 4.06 | 34.997 | 27.80 |
| 1850 | 3.82 | 34.987 | 27.82 |

RES-STACS26-86 CTD 58 RESEARCHER
Date 11 15 86 Latitude 20.317 N
Time 0512 Z Longitude 73.003 W



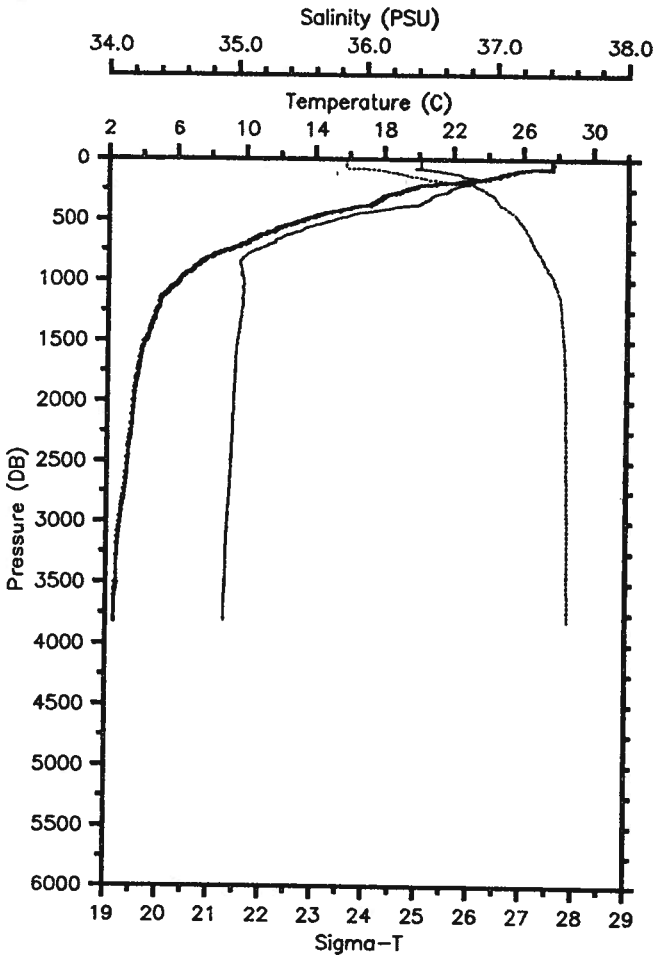

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.65 | 36.414 | 23.59 |
| 10 | 27.65 | 36.414 | 23.59 |
| 20 | 27.65 | 36.414 | 23.59 |
| 30 | 27.65 | 36.410 | 23.59 |
| 40 | 27.66 | 36.414 | 23.59 |
| 50 | 27.66 | 36.414 | 23.59 |
| 60 | 27.68 | 36.414 | 23.59 |
| 70 | 27.67 | 36.414 | 23.59 |
| 80 | 26.73 | 36.437 | 23.91 |
| 90 | 26.00 | 36.477 | 24.17 |
| 100 | 25.42 | 36.580 | 24.42 |
| 110 | 25.16 | 36.623 | 24.54 |
| 120 | 24.75 | 36.681 | 24.71 |
| 130 | 24.55 | 36.789 | 24.85 |
| 140 | 23.75 | 36.758 | 25.07 |
| 150 | 23.52 | 36.792 | 25.16 |
| 160 | 23.07 | 36.805 | 25.30 |
| 170 | 22.85 | 36.792 | 25.35 |
| 180 | 22.58 | 36.799 | 25.44 |
| 190 | 21.94 | 36.819 | 25.64 |
| 200 | 21.71 | 36.880 | 25.75 |
| 250 | 19.28 | 36.645 | 26.22 |
| 300 | 17.96 | 36.501 | 26.45 |
| 350 | 17.05 | 36.366 | 26.57 |
| 400 | 15.92 | 36.172 | 26.68 |
| 450 | 14.83 | 35.989 | 26.79 |
| 500 | 13.38 | 35.758 | 26.92 |
| 550 | 11.85 | 35.522 | 27.04 |
| 600 | 10.98 | 35.395 | 27.11 |
| 650 | 10.20 | 35.294 | 27.16 |
| 700 | 9.26 | 35.172 | 27.23 |
| 750 | 8.57 | 35.096 | 27.28 |
| 800 | 7.96 | 35.049 | 27.34 |
| 850 | 7.31 | 35.031 | 27.42 |
| 900 | 6.86 | 35.037 | 27.49 |
| 950 | 6.44 | 35.043 | 27.55 |
| 1000 | 5.96 | 35.048 | 27.62 |
| 1500 | 4.03 | 34.996 | 27.80 |
| 2000 | 3.73 | 34.985 | 27.82 |
| 2500 | 3.27 | 34.961 | 27.85 |
| 2694 | 3.15 | 34.955 | 27.86 |

RES-STACS26-86 CTD 59 RESEARCHER
Date 11 15 86 Latitude 20.406 N
Time 0936 Z Longitude 73.061 W




| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.64 | 36.418 | 23.60 |
| 10 | 27.64 | 36.418 | 23.60 |
| 20 | 27.64 | 36.417 | 23.60 |
| 30 | 27.64 | 36.417 | 23.60 |
| 40 | 27.64 | 36.418 | 23.60 |
| 50 | 27.65 | 36.418 | 23.60 |
| 60 | 27.65 | 36.418 | 23.60 |
| 70 | 27.66 | 36.418 | 23.59 |
| 80 | 27.64 | 36.418 | 23.60 |
| 90 | 26.12 | 36.470 | 24.12 |
| 100 | 25.81 | 36.523 | 24.26 |
| 110 | 25.54 | 36.564 | 24.38 |
| 120 | 25.10 | 36.642 | 24.57 |
| 130 | 24.86 | 36.676 | 24.67 |
| 140 | 24.44 | 36.696 | 24.81 |
| 150 | 24.20 | 36.807 | 24.97 |
| 160 | 23.18 | 36.778 | 25.25 |
| 170 | 22.56 | 36.830 | 25.47 |
| 180 | 22.18 | 36.856 | 25.59 |
| 190 | 21.53 | 36.802 | 25.74 |
| 200 | 20.90 | 36.766 | 25.88 |
| 250 | 19.31 | 36.660 | 26.23 |
| 300 | 18.08 | 36.519 | 26.43 |
| 350 | 17.31 | 36.423 | 26.55 |
| 400 | 15.82 | 36.151 | 26.69 |
| 450 | 14.65 | 35.953 | 26.80 |
| 500 | 13.43 | 35.765 | 26.91 |
| 550 | 11.93 | 35.537 | 27.04 |
| 600 | 11.01 | 35.406 | 27.11 |
| 650 | 10.02 | 35.267 | 27.18 |
| 700 | 9.51 | 35.201 | 27.21 |
| 750 | 8.64 | 35.104 | 27.28 |
| 800 | 7.85 | 35.037 | 27.35 |
| 850 | 7.39 | 35.027 | 27.40 |
| 900 | 6.98 | 35.019 | 27.46 |
| 950 | 6.52 | 35.043 | 27.54 |
| 1000 | 5.93 | 35.046 | 27.62 |
| 1500 | 4.01 | 34.996 | 27.80 |
| 2000 | 3.68 | 34.982 | 27.83 |
| 2500 | 3.26 | 34.962 | 27.85 |
| 3000 | 2.84 | 34.937 | 27.87 |
| 3500 | 2.50 | 34.917 | 27.88 |
| 4000 | 2.45 | 34.911 | 27.88 |
| 4130 | 2.46 | 34.910 | 27.88 |

RES-STACS26-86 CTD 60 RESEARCHER
Date 11 15 86 Latitude 20.538 N
Time 1251 Z Longitude 73.083 W

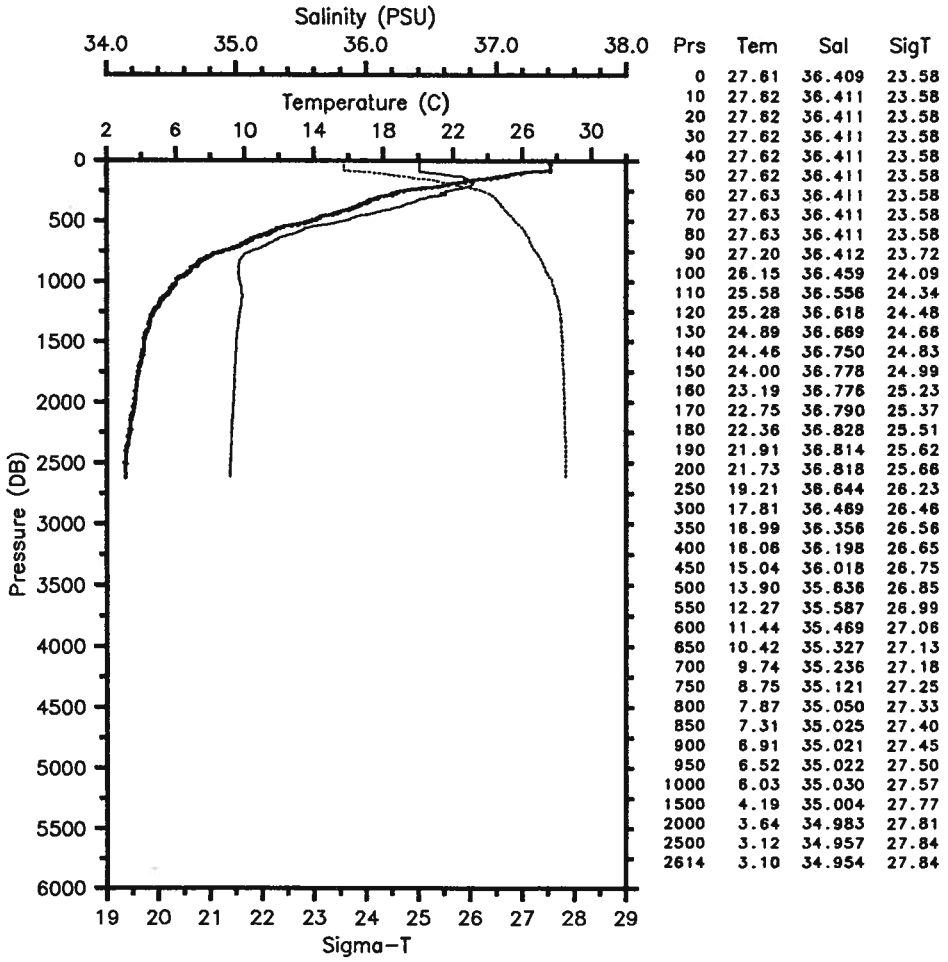



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.62 | 36.415 | 23.60 |
| 10 | 27.62 | 36.414 | 23.60 |
| 20 | 27.63 | 36.414 | 23.60 |
| 30 | 27.63 | 36.414 | 23.60 |
| 40 | 27.64 | 36.413 | 23.60 |
| 50 | 27.64 | 36.414 | 23.60 |
| 60 | 27.64 | 36.414 | 23.60 |
| 70 | 27.64 | 36.414 | 23.60 |
| 80 | 26.79 | 36.368 | 23.84 |
| 90 | 26.02 | 36.489 | 24.17 |
| 100 | 25.58 | 36.561 | 24.36 |
| 110 | 25.31 | 36.611 | 24.48 |
| 120 | 25.05 | 36.671 | 24.61 |
| 130 | 24.69 | 36.723 | 24.76 |
| 140 | 24.56 | 36.729 | 24.80 |
| 150 | 24.15 | 36.754 | 24.94 |
| 160 | 23.90 | 36.854 | 25.09 |
| 170 | 23.57 | 36.868 | 25.20 |
| 180 | 22.58 | 36.809 | 25.45 |
| 190 | 22.23 | 36.820 | 25.55 |
| 200 | 21.25 | 36.781 | 25.80 |
| 250 | 19.26 | 36.638 | 26.22 |
| 300 | 18.15 | 36.520 | 26.41 |
| 350 | 17.55 | 36.445 | 26.51 |
| 400 | 16.24 | 36.220 | 26.65 |
| 450 | 14.52 | 35.934 | 26.81 |
| 500 | 13.40 | 35.758 | 26.92 |
| 550 | 12.33 | 35.595 | 27.00 |
| 600 | 11.60 | 35.486 | 27.06 |
| 650 | 10.60 | 35.345 | 27.13 |
| 700 | 10.00 | 35.274 | 27.18 |
| 750 | 9.08 | 35.163 | 27.25 |
| 800 | 8.11 | 35.066 | 27.33 |
| 850 | 7.40 | 35.023 | 27.40 |
| 900 | 7.00 | 35.032 | 27.46 |
| 950 | 6.47 | 35.036 | 27.54 |
| 1000 | 6.17 | 35.049 | 27.59 |
| 1500 | 4.17 | 35.003 | 27.79 |
| 2000 | 3.54 | 34.978 | 27.84 |
| 2500 | 3.19 | 34.960 | 27.86 |
| 3000 | 2.79 | 34.936 | 27.87 |
| 3500 | 2.57 | 34.922 | 27.88 |
| 3812 | 2.47 | 34.915 | 27.89 |

RES-STACS26-86 CTD 61 RESEARCHER

Date 11 15 86 Latitude 20.638 N

Time 1630 Z Longitude 73.107 W

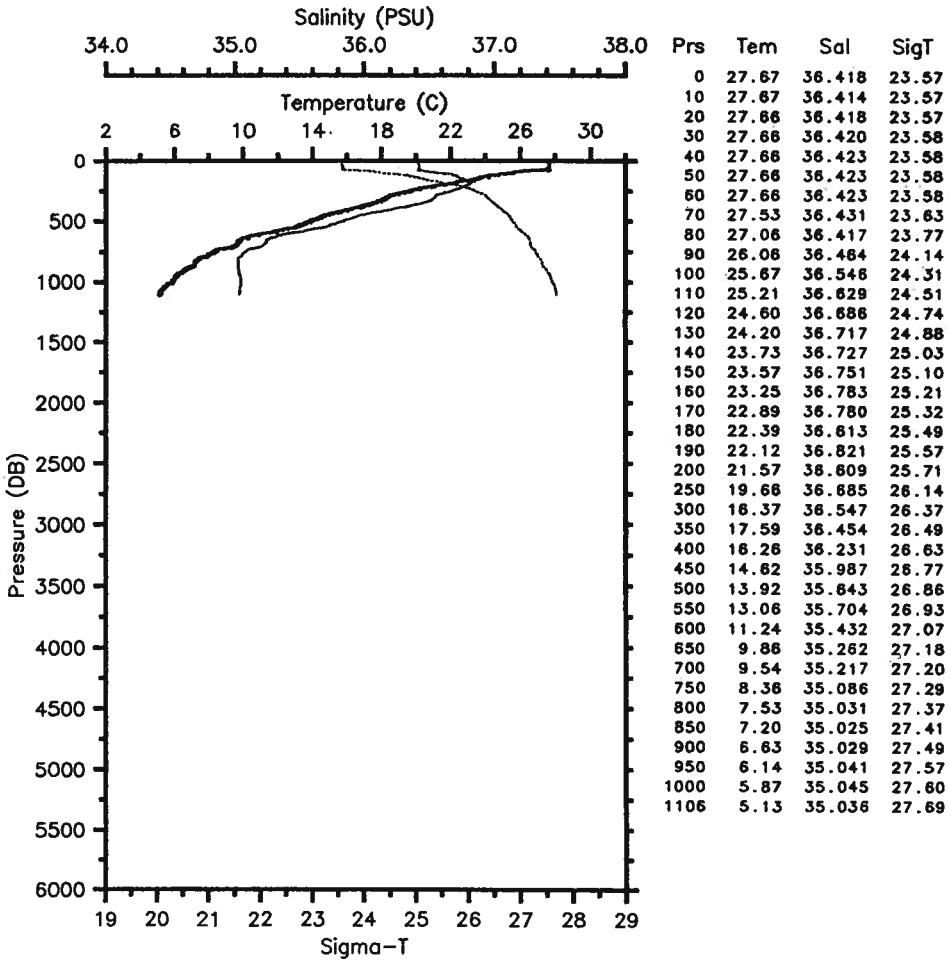



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.61 | 36.409 | 23.58 |
| 10 | 27.62 | 36.411 | 23.58 |
| 20 | 27.62 | 36.411 | 23.58 |
| 30 | 27.62 | 36.411 | 23.58 |
| 40 | 27.62 | 36.411 | 23.58 |
| 50 | 27.62 | 36.411 | 23.58 |
| 60 | 27.63 | 36.411 | 23.58 |
| 70 | 27.63 | 36.411 | 23.58 |
| 80 | 27.63 | 36.411 | 23.58 |
| 90 | 27.20 | 36.412 | 23.72 |
| 100 | 26.15 | 36.459 | 24.09 |
| 110 | 25.58 | 36.556 | 24.34 |
| 120 | 25.28 | 36.618 | 24.48 |
| 130 | 24.89 | 36.669 | 24.66 |
| 140 | 24.46 | 36.750 | 24.83 |
| 150 | 24.00 | 36.778 | 24.99 |
| 160 | 23.19 | 36.776 | 25.23 |
| 170 | 22.75 | 36.790 | 25.37 |
| 180 | 22.36 | 36.828 | 25.51 |
| 190 | 21.91 | 36.814 | 25.62 |
| 200 | 21.73 | 36.818 | 25.66 |
| 250 | 19.21 | 36.644 | 26.23 |
| 300 | 17.81 | 36.469 | 26.46 |
| 350 | 16.99 | 36.356 | 26.56 |
| 400 | 16.06 | 36.198 | 26.65 |
| 450 | 15.04 | 36.018 | 26.75 |
| 500 | 13.90 | 35.836 | 26.85 |
| 550 | 12.27 | 35.587 | 26.99 |
| 600 | 11.44 | 35.469 | 27.06 |
| 650 | 10.42 | 35.327 | 27.13 |
| 700 | 9.74 | 35.236 | 27.18 |
| 750 | 8.75 | 35.121 | 27.25 |
| 800 | 7.87 | 35.050 | 27.33 |
| 850 | 7.31 | 35.025 | 27.40 |
| 900 | 6.91 | 35.021 | 27.45 |
| 950 | 6.52 | 35.022 | 27.50 |
| 1000 | 6.03 | 35.030 | 27.57 |
| 1500 | 4.19 | 35.004 | 27.77 |
| 2000 | 3.64 | 34.983 | 27.81 |
| 2500 | 3.12 | 34.957 | 27.84 |
| 2614 | 3.10 | 34.954 | 27.84 |

RES-STACS26-86 CTD 62 RESEARCHER

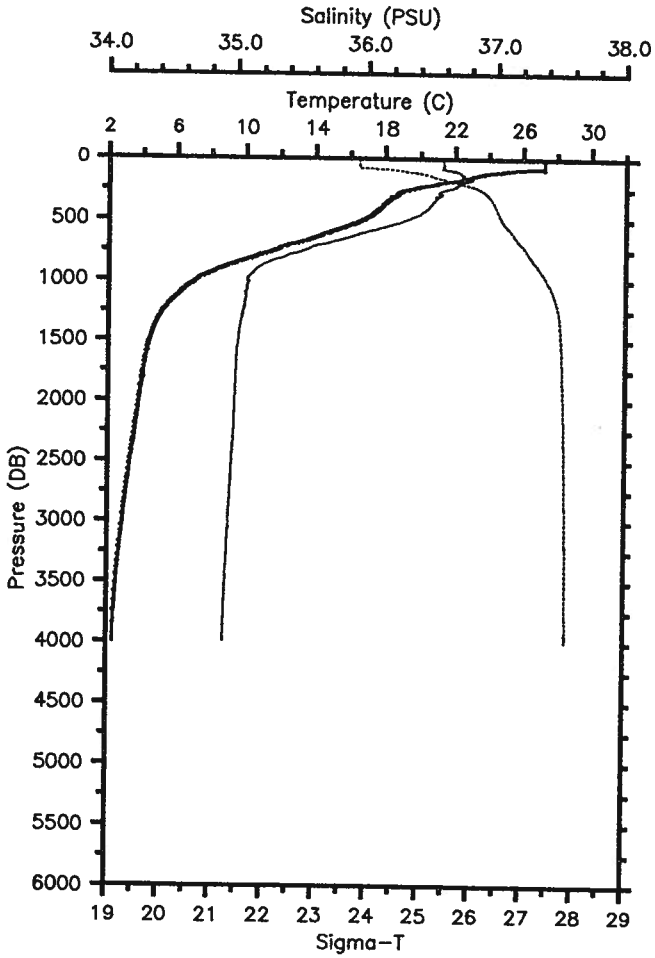
Date 11 15 86 Latitude 20.728 N

Time 1929 Z Longitude 73.115 W



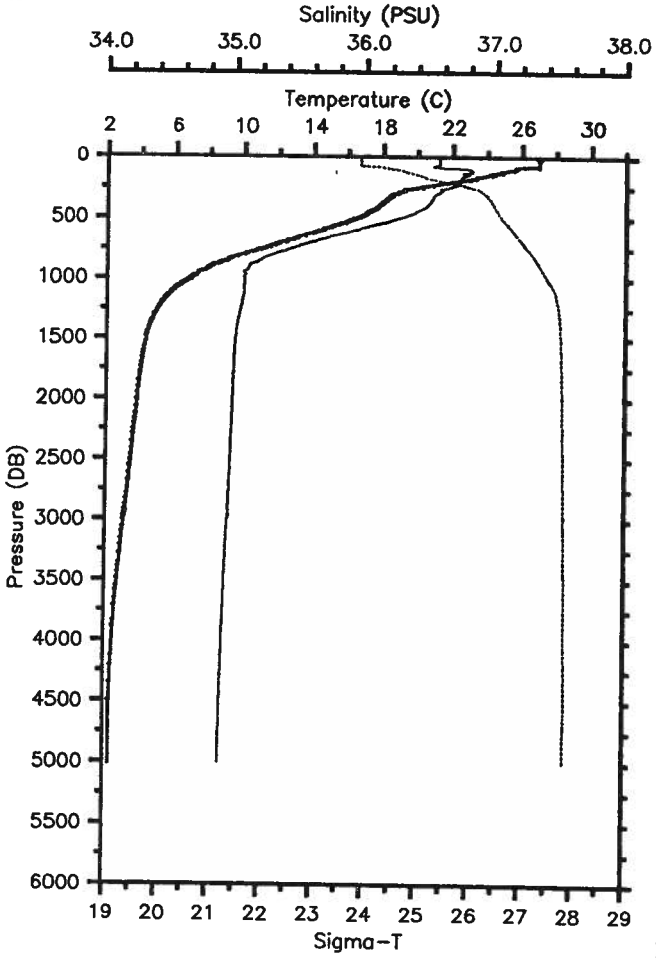

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.67 | 36.418 | 23.57 |
| 10 | 27.67 | 36.414 | 23.57 |
| 20 | 27.66 | 36.418 | 23.57 |
| 30 | 27.66 | 36.420 | 23.58 |
| 40 | 27.66 | 36.423 | 23.58 |
| 50 | 27.66 | 36.423 | 23.58 |
| 60 | 27.66 | 36.423 | 23.58 |
| 70 | 27.53 | 36.431 | 23.63 |
| 80 | 27.06 | 36.417 | 23.77 |
| 90 | 26.06 | 36.484 | 24.14 |
| 100 | 25.67 | 36.546 | 24.31 |
| 110 | 25.21 | 36.629 | 24.51 |
| 120 | 24.60 | 36.686 | 24.74 |
| 130 | 24.20 | 36.717 | 24.88 |
| 140 | 23.73 | 36.727 | 25.03 |
| 150 | 23.57 | 36.751 | 25.10 |
| 160 | 23.25 | 36.783 | 25.21 |
| 170 | 22.89 | 36.780 | 25.32 |
| 180 | 22.39 | 36.813 | 25.49 |
| 190 | 22.12 | 36.821 | 25.57 |
| 200 | 21.57 | 36.809 | 25.71 |
| 250 | 19.68 | 36.685 | 26.14 |
| 300 | 18.37 | 36.547 | 26.37 |
| 350 | 17.59 | 36.454 | 26.49 |
| 400 | 16.26 | 36.231 | 26.63 |
| 450 | 14.82 | 35.987 | 26.77 |
| 500 | 13.92 | 35.843 | 26.86 |
| 550 | 13.06 | 35.704 | 26.93 |
| 600 | 11.24 | 35.432 | 27.07 |
| 650 | 9.86 | 35.262 | 27.18 |
| 700 | 9.54 | 35.217 | 27.20 |
| 750 | 8.36 | 35.086 | 27.29 |
| 800 | 7.53 | 35.031 | 27.37 |
| 850 | 7.20 | 35.025 | 27.41 |
| 900 | 6.63 | 35.029 | 27.49 |
| 950 | 6.14 | 35.041 | 27.57 |
| 1000 | 5.87 | 35.045 | 27.60 |
| 1106 | 5.13 | 35.036 | 27.69 |

RES-STACS26-86 CTD 63 RESEARCHER
Date 11 16 86 Latitude 24.289 N
Time 1513 Z Longitude 72.014 W




| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.24 | 36.576 | 23.83 |
| 10 | 27.24 | 36.576 | 23.83 |
| 20 | 27.24 | 36.577 | 23.83 |
| 30 | 27.24 | 36.578 | 23.83 |
| 40 | 27.24 | 36.578 | 23.83 |
| 50 | 27.25 | 36.578 | 23.83 |
| 60 | 27.25 | 36.579 | 23.83 |
| 70 | 27.25 | 36.579 | 23.83 |
| 80 | 27.23 | 36.578 | 23.83 |
| 90 | 25.51 | 36.619 | 24.41 |
| 100 | 24.92 | 36.647 | 24.61 |
| 110 | 24.42 | 36.698 | 24.80 |
| 120 | 23.76 | 36.708 | 25.01 |
| 130 | 23.41 | 36.731 | 25.13 |
| 140 | 23.15 | 36.723 | 25.20 |
| 150 | 22.96 | 36.737 | 25.26 |
| 160 | 22.65 | 36.746 | 25.36 |
| 170 | 22.35 | 36.782 | 25.47 |
| 180 | 21.97 | 36.770 | 25.57 |
| 190 | 21.47 | 36.745 | 25.69 |
| 200 | 21.00 | 36.704 | 25.79 |
| 250 | 19.39 | 36.609 | 26.15 |
| 300 | 18.63 | 36.560 | 26.31 |
| 350 | 18.12 | 36.507 | 26.40 |
| 400 | 17.73 | 36.465 | 26.48 |
| 450 | 17.32 | 36.405 | 26.52 |
| 500 | 16.73 | 36.301 | 26.58 |
| 550 | 15.83 | 36.153 | 26.68 |
| 600 | 14.85 | 35.992 | 26.77 |
| 650 | 13.88 | 35.840 | 26.86 |
| 700 | 12.73 | 35.669 | 26.97 |
| 750 | 11.69 | 35.525 | 27.06 |
| 800 | 10.58 | 35.378 | 27.15 |
| 850 | 9.51 | 35.243 | 27.23 |
| 900 | 8.57 | 35.159 | 27.31 |
| 950 | 7.80 | 35.114 | 27.39 |
| 1000 | 7.13 | 35.080 | 27.46 |
| 1500 | 4.43 | 35.011 | 27.75 |
| 2000 | 3.82 | 34.986 | 27.79 |
| 2500 | 3.33 | 34.964 | 27.83 |
| 3000 | 2.90 | 34.942 | 27.85 |
| 3500 | 2.55 | 34.919 | 27.86 |
| 3986 | 2.37 | 34.906 | 27.87 |

RES-STACS26-86 CTD 64 RESEARCHER
Date 11 17 86 Latitude 24.849 N
Time 0011 Z Longitude 73.005 W

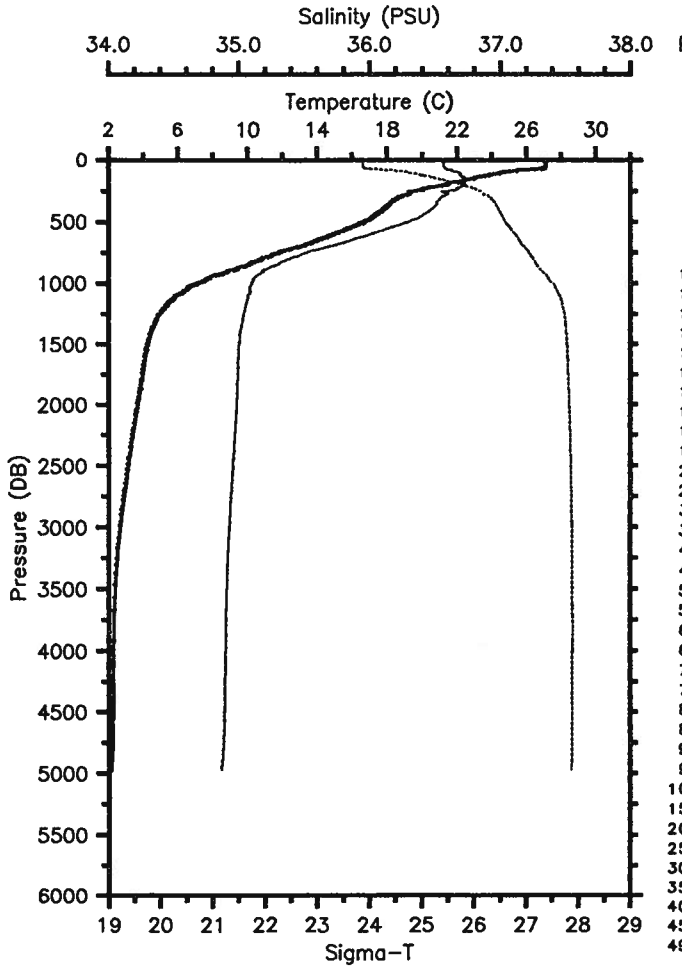



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.08 | 36.572 | 23.88 |
| 10 | 27.07 | 36.566 | 23.88 |
| 20 | 26.99 | 36.566 | 23.90 |
| 30 | 26.98 | 36.564 | 23.90 |
| 40 | 26.98 | 36.564 | 23.91 |
| 50 | 26.98 | 36.563 | 23.91 |
| 60 | 26.98 | 36.564 | 23.91 |
| 70 | 26.97 | 36.562 | 23.91 |
| 80 | 26.87 | 36.536 | 23.92 |
| 90 | 25.72 | 36.572 | 24.31 |
| 100 | 25.62 | 36.732 | 24.46 |
| 110 | 25.31 | 36.804 | 24.61 |
| 120 | 24.96 | 36.815 | 24.73 |
| 130 | 24.73 | 36.816 | 24.80 |
| 140 | 24.27 | 36.741 | 24.88 |
| 150 | 24.09 | 36.786 | 24.97 |
| 160 | 23.76 | 36.773 | 25.06 |
| 170 | 23.40 | 36.735 | 25.14 |
| 180 | 23.17 | 36.722 | 25.19 |
| 190 | 22.91 | 36.745 | 25.29 |
| 200 | 22.40 | 36.708 | 25.40 |
| 250 | 20.31 | 36.664 | 25.95 |
| 300 | 18.87 | 36.567 | 26.26 |
| 350 | 18.24 | 36.512 | 26.37 |
| 400 | 17.82 | 36.475 | 26.45 |
| 450 | 17.25 | 36.397 | 26.53 |
| 500 | 16.57 | 36.280 | 26.60 |
| 550 | 15.62 | 36.124 | 26.70 |
| 600 | 14.59 | 35.955 | 26.80 |
| 650 | 13.38 | 35.759 | 26.90 |
| 700 | 12.37 | 35.602 | 26.99 |
| 750 | 11.26 | 35.457 | 27.08 |
| 800 | 10.07 | 35.314 | 27.19 |
| 850 | 9.05 | 35.202 | 27.27 |
| 900 | 8.13 | 35.107 | 27.34 |
| 950 | 7.36 | 35.068 | 27.42 |
| 1000 | 6.94 | 35.065 | 27.48 |
| 1500 | 4.33 | 35.004 | 27.75 |
| 2000 | 3.84 | 34.982 | 27.79 |
| 2500 | 3.48 | 34.970 | 27.82 |
| 3000 | 3.11 | 34.951 | 27.84 |
| 3500 | 2.78 | 34.930 | 27.85 |
| 4000 | 2.53 | 34.915 | 27.86 |
| 4500 | 2.38 | 34.901 | 27.86 |
| 5000 | 2.36 | 34.895 | 27.86 |
| 5004 | 2.36 | 34.896 | 27.86 |

RES-STACS26-86 CTD 65 RESEARCHER

Date 11 17 86 Latitude 25.405 N

Time 0750 Z Longitude 73.972 W

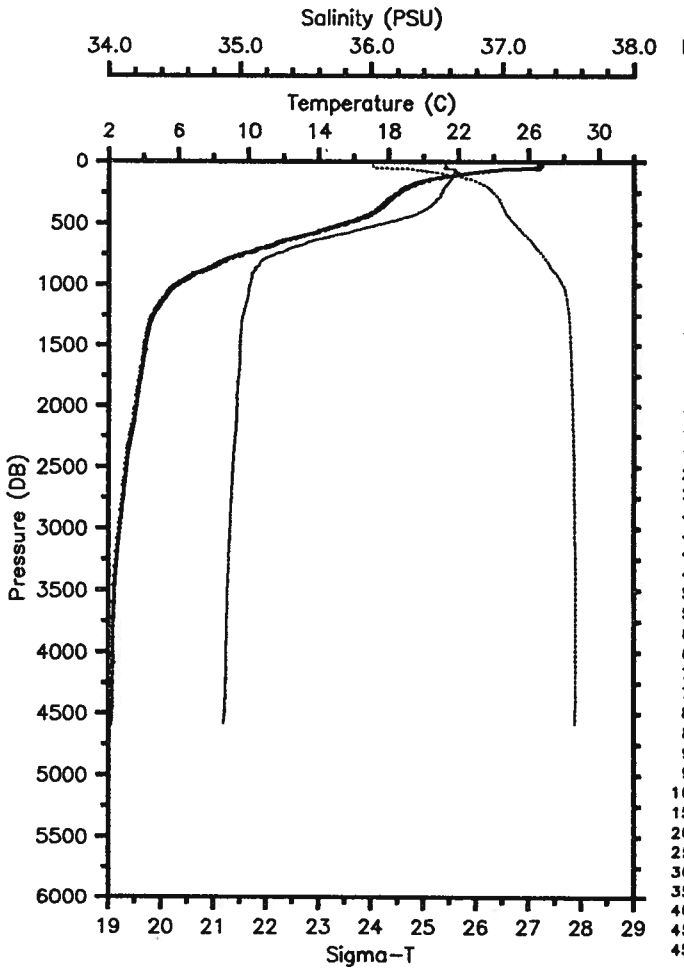



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.16 | 36.579 | 23.88 |
| 10 | 27.18 | 36.575 | 23.87 |
| 20 | 27.16 | 36.569 | 23.87 |
| 30 | 27.14 | 36.569 | 23.88 |
| 40 | 27.14 | 36.568 | 23.88 |
| 50 | 27.13 | 36.568 | 23.88 |
| 60 | 27.10 | 36.573 | 23.89 |
| 70 | 26.85 | 36.588 | 23.98 |
| 80 | 25.72 | 36.595 | 24.34 |
| 90 | 25.18 | 36.627 | 24.54 |
| 100 | 24.65 | 36.682 | 24.74 |
| 110 | 24.31 | 36.702 | 24.86 |
| 120 | 23.89 | 36.691 | 24.97 |
| 130 | 23.50 | 36.706 | 25.10 |
| 140 | 23.13 | 36.726 | 25.22 |
| 150 | 22.88 | 36.712 | 25.29 |
| 160 | 22.56 | 36.726 | 25.39 |
| 170 | 22.21 | 36.732 | 25.49 |
| 180 | 21.73 | 36.664 | 25.58 |
| 190 | 21.52 | 36.711 | 25.67 |
| 200 | 21.31 | 36.730 | 25.74 |
| 250 | 19.53 | 36.592 | 26.12 |
| 300 | 18.68 | 36.548 | 26.30 |
| 350 | 18.18 | 36.509 | 26.40 |
| 400 | 17.76 | 36.470 | 26.47 |
| 450 | 17.26 | 36.402 | 26.54 |
| 500 | 16.70 | 36.302 | 26.60 |
| 550 | 15.81 | 36.154 | 26.70 |
| 600 | 14.92 | 36.014 | 26.79 |
| 650 | 13.99 | 35.860 | 26.87 |
| 700 | 13.00 | 35.702 | 26.95 |
| 750 | 11.81 | 35.526 | 27.05 |
| 800 | 10.79 | 35.392 | 27.14 |
| 850 | 9.95 | 35.290 | 27.21 |
| 900 | 8.85 | 35.182 | 27.30 |
| 950 | 7.87 | 35.125 | 27.41 |
| 1000 | 7.12 | 35.103 | 27.50 |
| 1500 | 4.28 | 35.004 | 27.78 |
| 2000 | 3.69 | 34.985 | 27.83 |
| 2500 | 3.14 | 34.955 | 27.86 |
| 3000 | 2.68 | 34.929 | 27.88 |
| 3500 | 2.38 | 34.909 | 27.89 |
| 4000 | 2.28 | 34.899 | 27.89 |
| 4500 | 2.26 | 34.890 | 27.88 |
| 4968 | 2.15 | 34.868 | 27.88 |

RES-STACS26-86 CTD 66 RESEARCHER

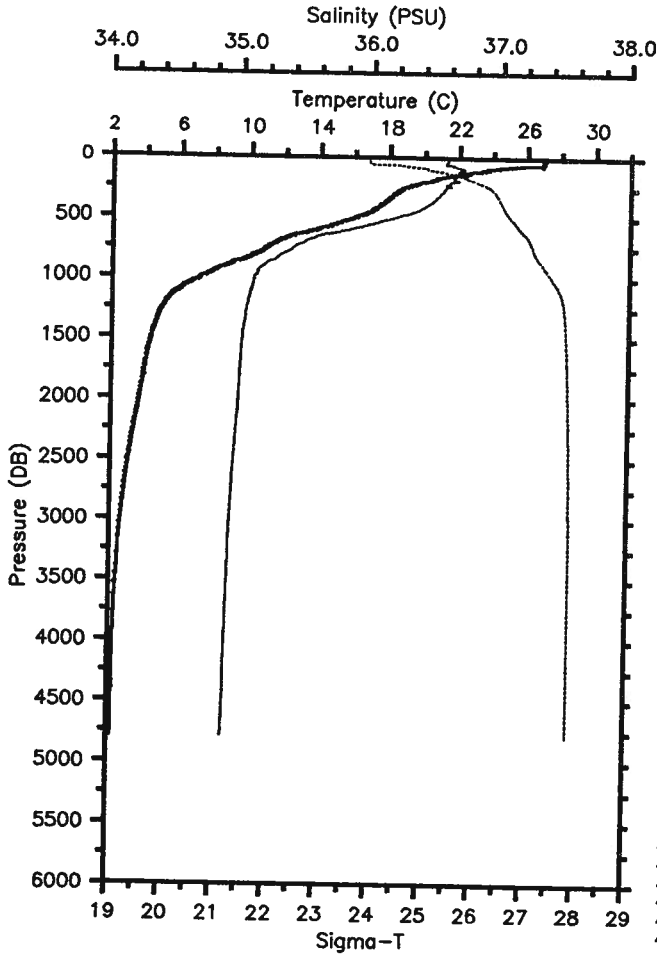
Date 11 17 86 Latitude 25.973 N

Time 1541 Z Longitude 74.961 W



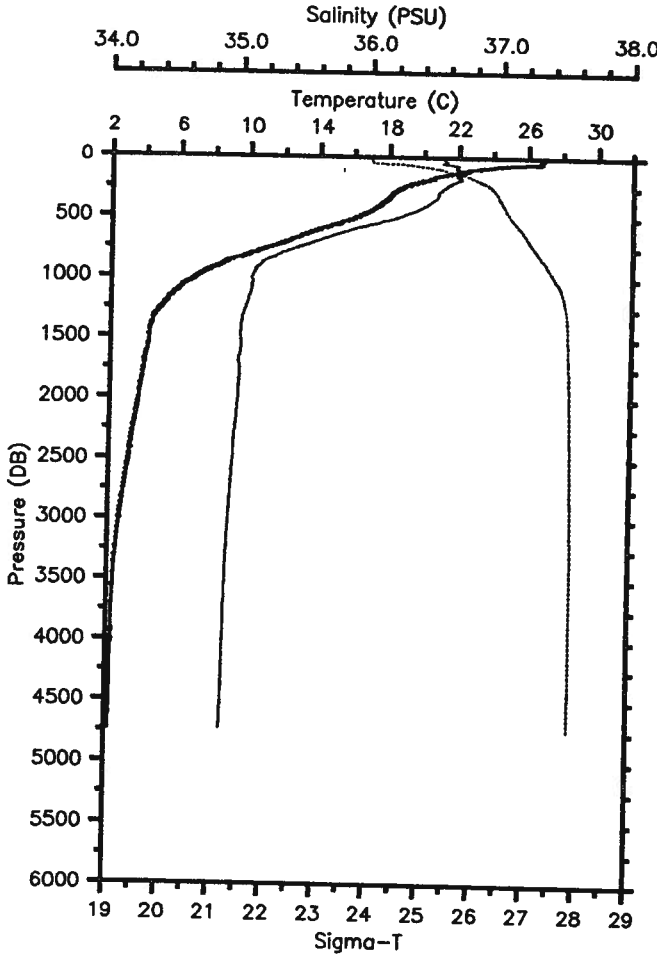

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.80 | 36.575 | 23.99 |
| 10 | 26.76 | 36.574 | 24.00 |
| 20 | 26.76 | 36.575 | 24.00 |
| 30 | 26.71 | 36.569 | 24.01 |
| 40 | 26.61 | 36.575 | 24.05 |
| 50 | 26.59 | 36.576 | 24.06 |
| 60 | 25.04 | 36.619 | 24.57 |
| 70 | 24.12 | 36.648 | 24.87 |
| 80 | 23.37 | 36.635 | 25.08 |
| 90 | 22.81 | 36.657 | 25.26 |
| 100 | 22.31 | 36.660 | 25.41 |
| 110 | 21.88 | 36.666 | 25.53 |
| 120 | 21.40 | 36.640 | 25.65 |
| 130 | 20.98 | 36.621 | 25.75 |
| 140 | 20.46 | 36.612 | 25.89 |
| 150 | 20.21 | 36.607 | 25.95 |
| 160 | 19.91 | 36.598 | 26.02 |
| 170 | 19.73 | 36.593 | 26.07 |
| 180 | 19.50 | 36.583 | 26.12 |
| 190 | 19.33 | 36.577 | 26.16 |
| 200 | 19.14 | 36.572 | 26.20 |
| 250 | 18.58 | 36.541 | 26.32 |
| 300 | 18.06 | 36.502 | 26.42 |
| 350 | 17.70 | 36.465 | 26.48 |
| 400 | 17.23 | 36.391 | 26.54 |
| 450 | 16.53 | 36.271 | 26.62 |
| 500 | 15.54 | 36.103 | 26.72 |
| 550 | 14.39 | 35.921 | 26.83 |
| 600 | 13.23 | 35.735 | 26.93 |
| 650 | 11.90 | 35.548 | 27.05 |
| 700 | 10.85 | 35.408 | 27.14 |
| 750 | 9.69 | 35.276 | 27.24 |
| 800 | 8.65 | 35.177 | 27.33 |
| 850 | 7.98 | 35.136 | 27.40 |
| 900 | 7.13 | 35.102 | 27.50 |
| 950 | 6.48 | 35.086 | 27.58 |
| 1000 | 5.93 | 35.078 | 27.64 |
| 1500 | 4.11 | 35.001 | 27.80 |
| 2000 | 3.58 | 34.980 | 27.83 |
| 2500 | 3.01 | 34.948 | 27.86 |
| 3000 | 2.63 | 34.926 | 27.88 |
| 3500 | 2.34 | 34.907 | 27.89 |
| 4000 | 2.24 | 34.896 | 27.89 |
| 4500 | 2.19 | 34.884 | 27.88 |
| 4584 | 2.15 | 34.876 | 27.88 |

RES-STACS26-86 CTD 67 RESEARCHER
Date 11 17 86 Latitude 26.487 N
Time 2317 Z Longitude 75.939 W



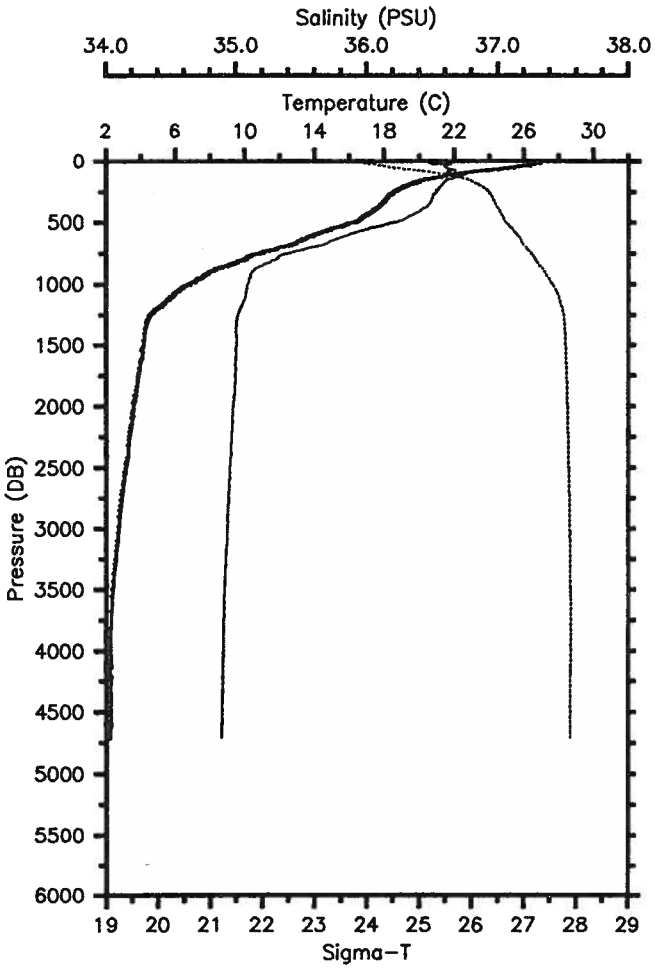

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.08 | 36.578 | 23.90 |
| 10 | 27.04 | 36.578 | 23.91 |
| 20 | 26.99 | 36.576 | 23.93 |
| 30 | 26.98 | 36.574 | 23.93 |
| 40 | 26.96 | 36.568 | 23.93 |
| 50 | 26.91 | 36.564 | 23.95 |
| 60 | 26.70 | 36.559 | 24.01 |
| 70 | 25.00 | 36.622 | 24.59 |
| 80 | 24.32 | 36.663 | 24.82 |
| 90 | 23.75 | 36.701 | 25.02 |
| 100 | 23.54 | 36.698 | 25.08 |
| 110 | 23.12 | 36.704 | 25.21 |
| 120 | 22.64 | 36.729 | 25.37 |
| 130 | 22.10 | 36.665 | 25.47 |
| 140 | 21.74 | 36.664 | 25.57 |
| 150 | 21.53 | 36.701 | 25.66 |
| 160 | 21.02 | 36.632 | 25.75 |
| 170 | 20.74 | 36.622 | 25.82 |
| 180 | 20.54 | 36.616 | 25.87 |
| 190 | 20.39 | 36.660 | 25.94 |
| 200 | 19.98 | 36.607 | 26.01 |
| 250 | 18.78 | 36.563 | 26.29 |
| 300 | 18.23 | 36.518 | 26.39 |
| 350 | 17.85 | 36.480 | 26.46 |
| 400 | 17.36 | 36.409 | 26.53 |
| 450 | 16.82 | 36.319 | 26.59 |
| 500 | 15.95 | 36.172 | 26.68 |
| 550 | 14.98 | 36.014 | 26.78 |
| 600 | 13.80 | 35.826 | 26.88 |
| 650 | 12.38 | 35.603 | 27.00 |
| 700 | 11.55 | 35.482 | 27.07 |
| 750 | 10.94 | 35.398 | 27.11 |
| 800 | 10.35 | 35.323 | 27.16 |
| 850 | 9.84 | 35.259 | 27.23 |
| 900 | 8.65 | 35.167 | 27.32 |
| 950 | 7.86 | 35.125 | 27.41 |
| 1000 | 7.11 | 35.092 | 27.50 |
| 1500 | 4.30 | 35.007 | 27.78 |
| 2000 | 3.65 | 34.982 | 27.83 |
| 2500 | 3.06 | 34.950 | 27.86 |
| 3000 | 2.64 | 34.925 | 27.88 |
| 3500 | 2.41 | 34.910 | 27.89 |
| 4000 | 2.28 | 34.898 | 27.89 |
| 4500 | 2.25 | 34.890 | 27.88 |
| 4786 | 2.21 | 34.880 | 27.86 |

RES-STACS26-86 CTD 68 RESEARCHER
Date 11 18 86 Latitude 26.483 N
Time 0311 Z Longitude 76.161 W



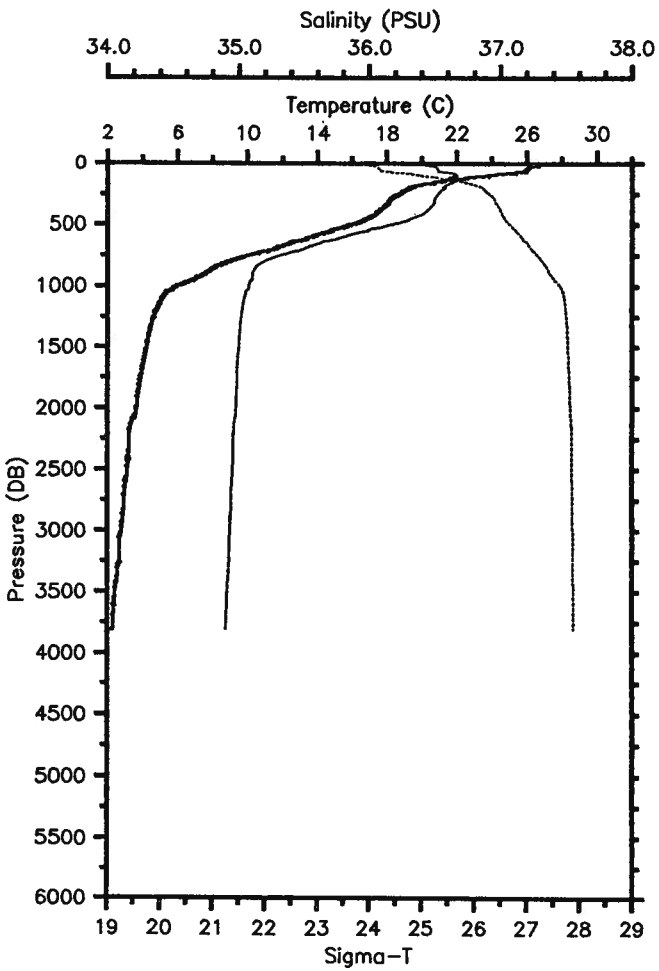

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.89 | 36.554 | 23.94 |
| 10 | 26.85 | 36.549 | 23.95 |
| 20 | 26.77 | 36.546 | 23.98 |
| 30 | 26.74 | 36.560 | 24.00 |
| 40 | 26.73 | 36.572 | 24.01 |
| 50 | 26.61 | 36.552 | 24.03 |
| 60 | 25.31 | 36.593 | 24.47 |
| 70 | 24.35 | 36.654 | 24.81 |
| 80 | 23.83 | 36.657 | 24.97 |
| 90 | 23.27 | 36.662 | 25.13 |
| 100 | 22.65 | 36.649 | 25.30 |
| 110 | 22.47 | 36.675 | 25.37 |
| 120 | 22.11 | 36.706 | 25.50 |
| 130 | 21.83 | 36.719 | 25.59 |
| 140 | 21.40 | 36.691 | 25.69 |
| 150 | 21.01 | 36.664 | 25.77 |
| 160 | 20.65 | 36.646 | 25.86 |
| 170 | 20.59 | 36.680 | 25.90 |
| 180 | 20.37 | 36.684 | 25.96 |
| 190 | 20.04 | 36.665 | 26.04 |
| 200 | 19.79 | 36.644 | 26.09 |
| 250 | 18.77 | 36.568 | 26.30 |
| 300 | 18.19 | 36.508 | 26.40 |
| 350 | 17.89 | 36.486 | 26.46 |
| 400 | 17.46 | 36.425 | 26.51 |
| 450 | 16.90 | 36.336 | 26.58 |
| 500 | 16.11 | 36.203 | 26.66 |
| 550 | 15.18 | 36.045 | 26.75 |
| 600 | 14.07 | 35.862 | 26.86 |
| 650 | 13.08 | 35.716 | 26.95 |
| 700 | 12.22 | 35.590 | 27.02 |
| 750 | 11.15 | 35.446 | 27.11 |
| 800 | 10.07 | 35.310 | 27.20 |
| 850 | 9.08 | 35.205 | 27.29 |
| 900 | 8.30 | 35.148 | 27.36 |
| 950 | 7.51 | 35.105 | 27.45 |
| 1000 | 6.88 | 35.082 | 27.52 |
| 1500 | 4.23 | 35.002 | 27.78 |
| 2000 | 3.68 | 34.987 | 27.83 |
| 2500 | 3.16 | 34.956 | 27.86 |
| 3000 | 2.67 | 34.928 | 27.88 |
| 3500 | 2.37 | 34.908 | 27.89 |
| 4000 | 2.28 | 34.897 | 27.89 |
| 4500 | 2.25 | 34.890 | 27.88 |
| 4726 | 2.21 | 34.882 | 27.88 |

RES-STACS26-86 CTD 69 RESEARCHER
Date 11 18 86 Latitude 26.506 N
Time 0809 Z Longitude 76.381 W



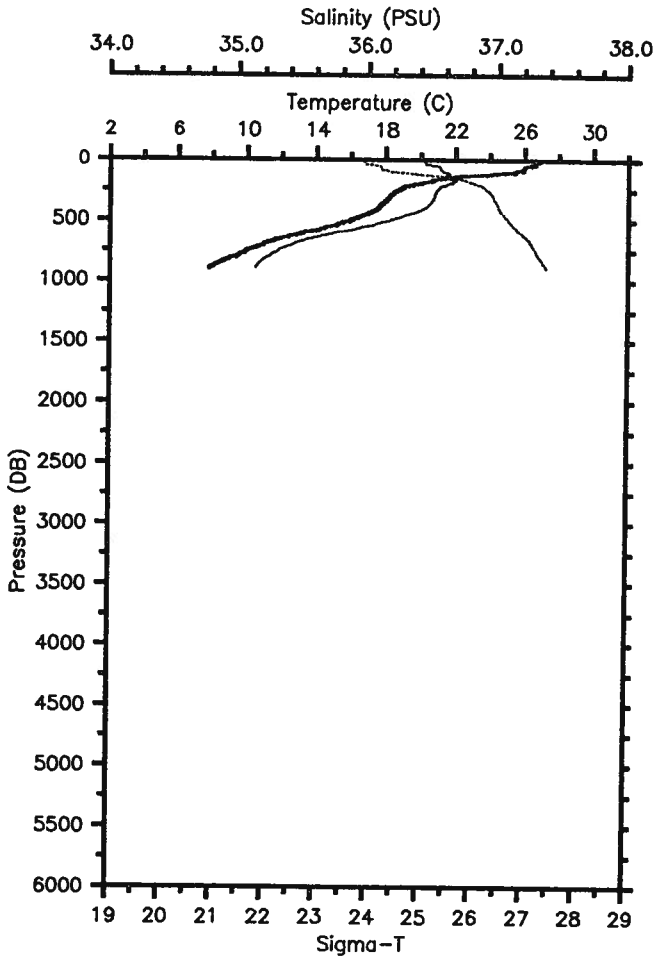

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.02 | 36.496 | 23.86 |
| 10 | 26.94 | 36.484 | 23.87 |
| 20 | 26.70 | 36.476 | 23.95 |
| 30 | 26.35 | 36.615 | 24.16 |
| 40 | 25.96 | 36.617 | 24.28 |
| 50 | 25.50 | 36.606 | 24.42 |
| 60 | 25.00 | 36.600 | 24.57 |
| 70 | 24.43 | 36.641 | 24.77 |
| 80 | 23.86 | 36.667 | 24.96 |
| 90 | 23.01 | 36.613 | 25.17 |
| 100 | 22.43 | 36.607 | 25.33 |
| 110 | 22.03 | 36.713 | 25.53 |
| 120 | 21.59 | 36.717 | 25.66 |
| 130 | 21.31 | 36.711 | 25.73 |
| 140 | 20.85 | 36.670 | 25.82 |
| 150 | 20.35 | 36.610 | 25.91 |
| 160 | 20.07 | 36.607 | 25.99 |
| 170 | 19.88 | 36.595 | 26.03 |
| 180 | 19.70 | 36.586 | 26.07 |
| 190 | 19.47 | 36.574 | 26.12 |
| 200 | 19.28 | 36.565 | 26.16 |
| 250 | 18.55 | 36.528 | 26.32 |
| 300 | 18.19 | 36.503 | 26.39 |
| 350 | 17.88 | 36.480 | 26.45 |
| 400 | 17.42 | 36.421 | 26.52 |
| 450 | 16.88 | 36.332 | 26.58 |
| 500 | 16.29 | 36.229 | 26.64 |
| 550 | 15.01 | 36.017 | 26.77 |
| 600 | 13.99 | 35.860 | 26.87 |
| 650 | 13.15 | 35.731 | 26.95 |
| 700 | 12.21 | 35.592 | 27.03 |
| 750 | 10.92 | 35.413 | 27.13 |
| 800 | 10.01 | 35.313 | 27.21 |
| 850 | 9.04 | 35.208 | 27.29 |
| 900 | 8.01 | 35.126 | 27.39 |
| 950 | 7.55 | 35.115 | 27.45 |
| 1000 | 6.87 | 35.093 | 27.53 |
| 1500 | 4.18 | 35.003 | 27.79 |
| 2000 | 3.62 | 34.978 | 27.83 |
| 2500 | 3.15 | 34.951 | 27.85 |
| 3000 | 2.75 | 34.933 | 27.88 |
| 3500 | 2.39 | 34.912 | 27.89 |
| 4000 | 2.27 | 34.900 | 27.89 |
| 4500 | 2.28 | 34.894 | 27.89 |
| 4708 | 2.24 | 34.887 | 27.88 |

RES-STACS26-86 CTD 70 RESEARCHER
Date 11 18 86 Latitude 26.513 N
Time 1254 Z Longitude 76.733 W



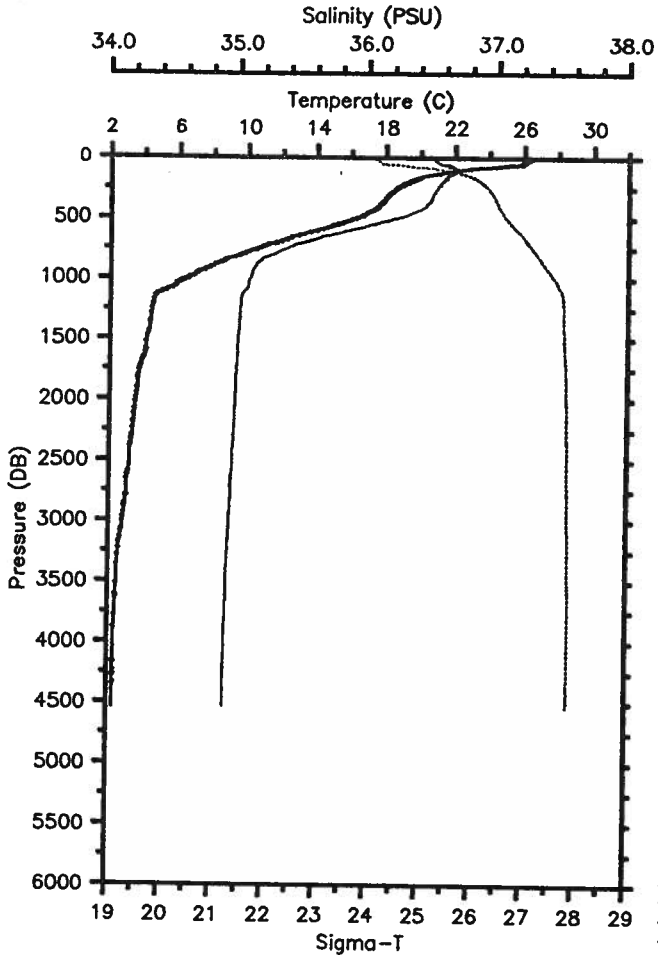

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.68 | 36.425 | 23.91 |
| 10 | 26.68 | 36.424 | 23.91 |
| 20 | 26.51 | 36.444 | 23.98 |
| 30 | 26.17 | 36.505 | 24.13 |
| 40 | 26.07 | 36.516 | 24.18 |
| 50 | 26.00 | 36.523 | 24.20 |
| 60 | 25.95 | 36.527 | 24.22 |
| 70 | 25.56 | 36.535 | 24.35 |
| 80 | 25.13 | 36.635 | 24.56 |
| 90 | 24.30 | 36.656 | 24.83 |
| 100 | 23.85 | 36.669 | 24.97 |
| 110 | 23.03 | 36.614 | 25.17 |
| 120 | 22.54 | 36.654 | 25.34 |
| 130 | 21.84 | 36.628 | 25.52 |
| 140 | 21.34 | 36.619 | 25.65 |
| 150 | 20.91 | 36.636 | 25.78 |
| 160 | 20.68 | 36.635 | 25.85 |
| 170 | 20.15 | 36.606 | 25.96 |
| 180 | 19.72 | 36.580 | 26.06 |
| 190 | 19.50 | 36.574 | 26.11 |
| 200 | 19.33 | 36.586 | 26.16 |
| 250 | 18.70 | 36.528 | 26.28 |
| 300 | 18.18 | 36.497 | 26.39 |
| 350 | 17.86 | 36.475 | 26.45 |
| 400 | 17.47 | 36.428 | 26.51 |
| 450 | 16.86 | 36.327 | 26.58 |
| 500 | 16.02 | 36.183 | 26.67 |
| 550 | 14.83 | 35.990 | 26.79 |
| 600 | 13.61 | 35.798 | 26.90 |
| 650 | 12.46 | 35.630 | 27.01 |
| 700 | 11.50 | 35.498 | 27.09 |
| 750 | 10.10 | 35.323 | 27.21 |
| 800 | 8.92 | 35.194 | 27.30 |
| 850 | 8.10 | 35.129 | 27.38 |
| 900 | 7.54 | 35.102 | 27.44 |
| 950 | 6.89 | 35.099 | 27.53 |
| 1000 | 5.96 | 35.076 | 27.64 |
| 1500 | 4.24 | 35.000 | 27.78 |
| 2000 | 3.66 | 34.979 | 27.83 |
| 2500 | 3.14 | 34.954 | 27.86 |
| 3000 | 2.79 | 34.933 | 27.87 |
| 3500 | 2.43 | 34.912 | 27.89 |
| 3802 | 2.31 | 34.903 | 27.89 |

RES-STACS26-86 CTD 71 RESEARCHER
Date 11 18 86 Latitude 26.532 N
Time 1623 Z Longitude 76.825 W



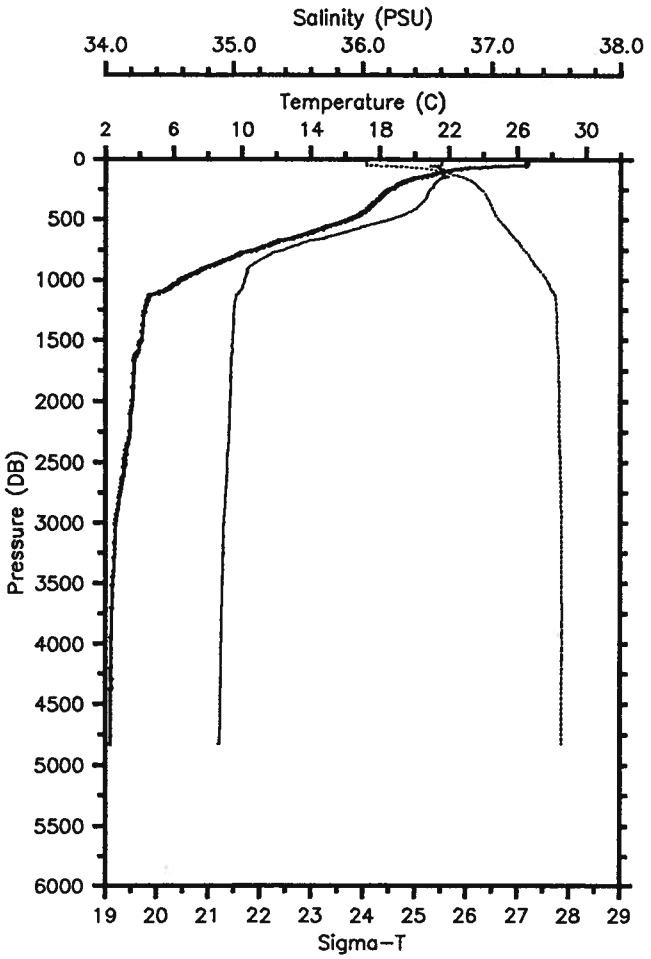

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.90 | 36.373 | 23.80 |
| 10 | 26.84 | 36.386 | 23.83 |
| 20 | 26.66 | 36.434 | 23.93 |
| 30 | 26.66 | 36.436 | 23.93 |
| 40 | 26.41 | 36.476 | 24.04 |
| 50 | 26.10 | 36.525 | 24.17 |
| 60 | 25.98 | 36.547 | 24.23 |
| 70 | 25.97 | 36.550 | 24.23 |
| 80 | 25.92 | 36.552 | 24.25 |
| 90 | 25.59 | 36.563 | 24.36 |
| 100 | 25.42 | 36.575 | 24.42 |
| 110 | 24.50 | 36.620 | 24.74 |
| 120 | 23.88 | 36.626 | 24.93 |
| 130 | 22.68 | 36.585 | 25.25 |
| 140 | 22.01 | 36.643 | 25.48 |
| 150 | 21.48 | 36.622 | 25.61 |
| 160 | 21.03 | 36.643 | 25.75 |
| 170 | 20.70 | 36.665 | 25.86 |
| 180 | 20.48 | 36.648 | 25.91 |
| 190 | 20.07 | 36.623 | 26.00 |
| 200 | 19.83 | 36.626 | 26.06 |
| 250 | 18.71 | 36.521 | 26.28 |
| 300 | 18.24 | 36.508 | 26.38 |
| 350 | 17.89 | 36.480 | 26.45 |
| 400 | 17.53 | 36.428 | 26.50 |
| 450 | 16.82 | 36.313 | 26.58 |
| 500 | 15.93 | 36.172 | 26.68 |
| 550 | 14.86 | 35.993 | 26.78 |
| 600 | 13.36 | 35.762 | 26.93 |
| 650 | 11.98 | 35.566 | 27.05 |
| 700 | 10.93 | 35.422 | 27.14 |
| 750 | 9.98 | 35.307 | 27.21 |
| 800 | 9.35 | 35.239 | 27.27 |
| 850 | 8.44 | 35.158 | 27.35 |
| 896 | 7.80 | 35.129 | 27.43 |

RES-STACS26-86 CTD 72 RESEARCHER
Date 11 18 86 Latitude 26.588 N
Time 2220 Z Longitude 76.624 W



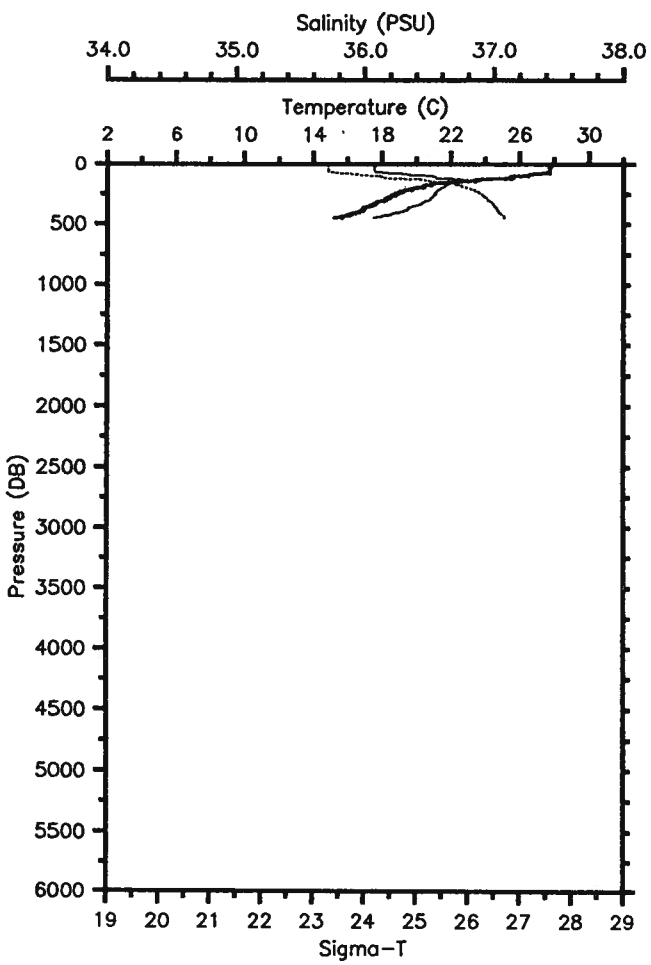

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.51 | 36.477 | 24.01 |
| 10 | 26.31 | 36.485 | 24.08 |
| 20 | 26.15 | 36.502 | 24.14 |
| 30 | 26.01 | 36.518 | 24.20 |
| 40 | 25.98 | 36.529 | 24.22 |
| 50 | 25.91 | 36.547 | 24.25 |
| 60 | 25.51 | 36.583 | 24.40 |
| 70 | 24.61 | 36.642 | 24.72 |
| 80 | 23.66 | 36.603 | 24.97 |
| 90 | 22.89 | 36.666 | 25.25 |
| 100 | 22.39 | 36.692 | 25.41 |
| 110 | 21.98 | 36.687 | 25.52 |
| 120 | 21.51 | 36.665 | 25.64 |
| 130 | 21.11 | 36.651 | 25.74 |
| 140 | 20.74 | 36.652 | 25.84 |
| 150 | 20.34 | 36.623 | 25.93 |
| 160 | 20.03 | 36.597 | 25.99 |
| 170 | 19.84 | 36.589 | 26.03 |
| 180 | 19.65 | 36.600 | 26.09 |
| 190 | 19.48 | 36.581 | 26.12 |
| 200 | 19.29 | 36.566 | 26.16 |
| 250 | 18.63 | 36.531 | 26.30 |
| 300 | 18.18 | 36.496 | 26.39 |
| 350 | 17.92 | 36.480 | 26.44 |
| 400 | 17.57 | 36.441 | 26.50 |
| 450 | 16.97 | 36.347 | 26.57 |
| 500 | 16.25 | 36.222 | 26.65 |
| 550 | 15.21 | 36.050 | 26.75 |
| 600 | 14.07 | 35.865 | 26.86 |
| 650 | 12.82 | 35.681 | 26.97 |
| 700 | 11.76 | 35.522 | 27.06 |
| 750 | 10.61 | 35.374 | 27.16 |
| 800 | 9.64 | 35.273 | 27.25 |
| 850 | 8.65 | 35.172 | 27.33 |
| 900 | 7.86 | 35.123 | 27.41 |
| 950 | 7.08 | 35.099 | 27.51 |
| 1000 | 6.40 | 35.082 | 27.59 |
| 1500 | 4.13 | 34.991 | 27.79 |
| 2000 | 3.53 | 34.973 | 27.83 |
| 2500 | 3.18 | 34.954 | 27.85 |
| 3000 | 2.81 | 34.934 | 27.87 |
| 3500 | 2.50 | 34.916 | 27.88 |
| 4000 | 2.36 | 34.905 | 27.89 |
| 4500 | 2.34 | 34.900 | 27.88 |
| 4530 | 2.34 | 34.899 | 27.88 |

RES-STACS26-86 CTD 73 RESEARCHER
Date 11 19 86 Latitude 26.542 N
Time 0232 Z Longitude 76.522 W



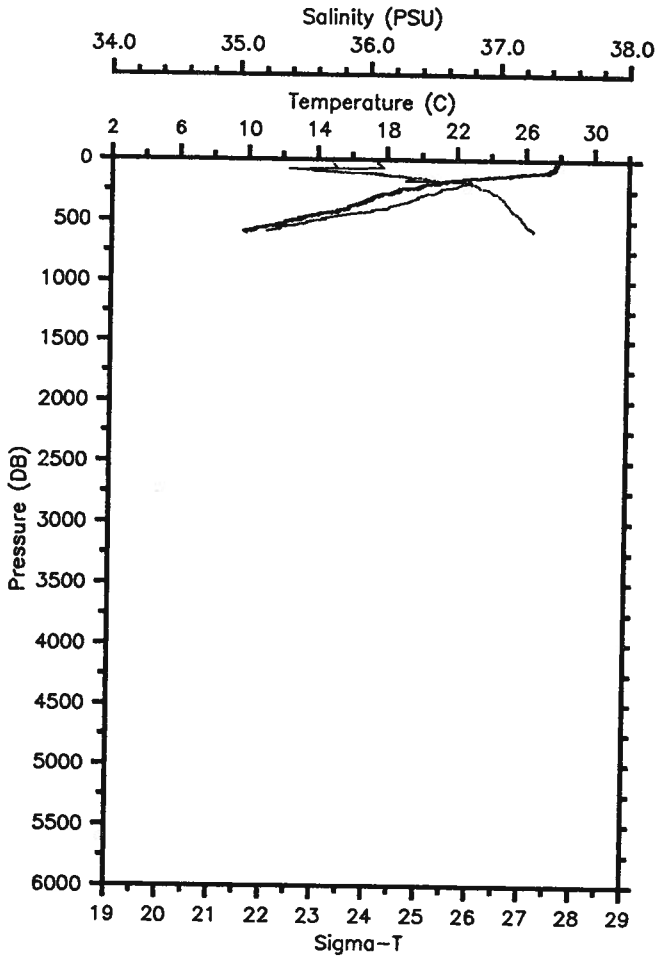

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 26.66 | 36.485 | 23.95 |
| 10 | 26.61 | 36.591 | 24.04 |
| 20 | 26.59 | 36.609 | 24.06 |
| 30 | 26.58 | 36.607 | 24.07 |
| 40 | 26.56 | 36.612 | 24.07 |
| 50 | 26.54 | 36.607 | 24.08 |
| 60 | 24.94 | 36.574 | 24.55 |
| 70 | 23.72 | 36.595 | 24.94 |
| 80 | 22.71 | 36.588 | 25.22 |
| 90 | 22.28 | 36.636 | 25.38 |
| 100 | 21.92 | 36.621 | 25.47 |
| 110 | 21.62 | 36.653 | 25.58 |
| 120 | 21.30 | 36.628 | 25.65 |
| 130 | 21.05 | 36.627 | 25.72 |
| 140 | 20.68 | 36.620 | 25.82 |
| 150 | 20.35 | 36.658 | 25.94 |
| 160 | 19.94 | 36.598 | 26.00 |
| 170 | 19.76 | 36.591 | 26.04 |
| 180 | 19.49 | 36.577 | 26.10 |
| 190 | 19.32 | 36.569 | 26.14 |
| 200 | 19.18 | 36.560 | 26.17 |
| 250 | 18.56 | 36.518 | 26.30 |
| 300 | 18.16 | 36.498 | 26.38 |
| 350 | 17.78 | 36.470 | 26.46 |
| 400 | 17.40 | 36.420 | 26.51 |
| 450 | 16.94 | 36.344 | 26.56 |
| 500 | 16.26 | 36.223 | 26.63 |
| 550 | 15.22 | 36.053 | 26.74 |
| 600 | 14.18 | 35.888 | 26.84 |
| 650 | 13.04 | 35.711 | 26.94 |
| 700 | 11.73 | 35.524 | 27.05 |
| 750 | 10.82 | 35.398 | 27.12 |
| 800 | 9.59 | 35.265 | 27.23 |
| 850 | 8.77 | 35.184 | 27.30 |
| 900 | 7.84 | 35.118 | 27.39 |
| 950 | 7.06 | 35.101 | 27.49 |
| 1000 | 6.38 | 35.087 | 27.57 |
| 1500 | 4.12 | 34.995 | 27.77 |
| 2000 | 3.59 | 34.974 | 27.81 |
| 2500 | 3.13 | 34.952 | 27.84 |
| 3000 | 2.64 | 34.924 | 27.86 |
| 3500 | 2.45 | 34.912 | 27.86 |
| 4000 | 2.35 | 34.904 | 27.87 |
| 4500 | 2.32 | 34.897 | 27.86 |
| 4826 | 2.21 | 34.878 | 27.88 |

RES-STACS26-86 CTD 74 RESEARCHER
Date 11 20 86 Latitude 26.996 N
Time 0318 Z Longitude 76.193 W



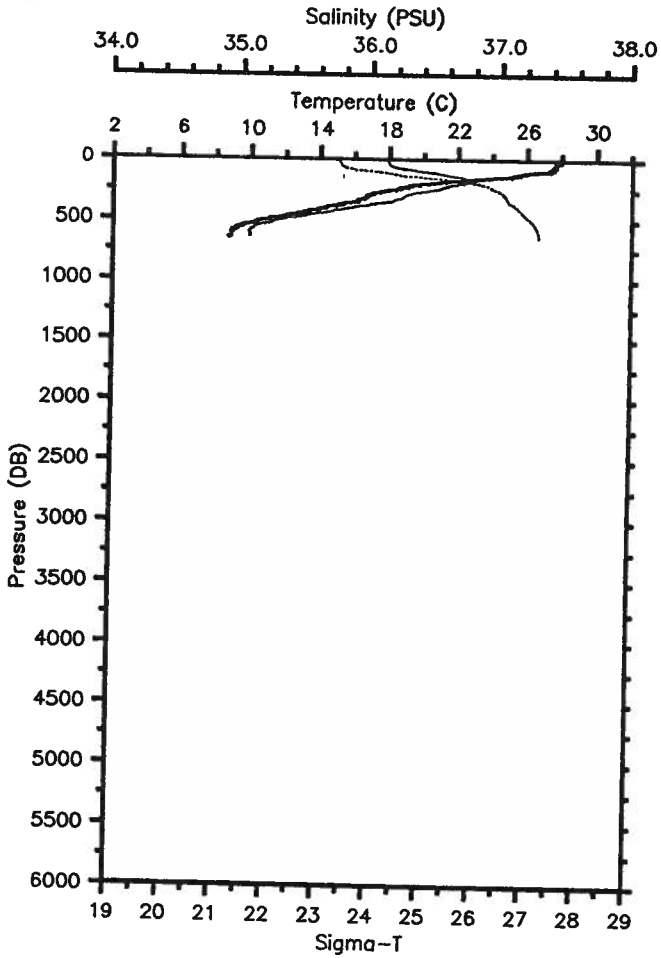

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.75 | 36.081 | 23.29 |
| 10 | 27.75 | 36.081 | 23.29 |
| 20 | 27.75 | 36.078 | 23.29 |
| 30 | 27.74 | 36.076 | 23.29 |
| 40 | 27.74 | 36.077 | 23.29 |
| 50 | 27.74 | 36.078 | 23.29 |
| 60 | 27.74 | 36.079 | 23.29 |
| 70 | 27.70 | 36.106 | 23.33 |
| 80 | 26.96 | 36.275 | 23.69 |
| 90 | 26.59 | 36.341 | 23.86 |
| 100 | 26.14 | 36.480 | 24.11 |
| 110 | 25.48 | 36.548 | 24.37 |
| 120 | 25.26 | 36.562 | 24.44 |
| 130 | 23.69 | 36.775 | 25.08 |
| 140 | 23.26 | 36.810 | 25.23 |
| 150 | 21.98 | 36.677 | 25.50 |
| 160 | 21.16 | 36.647 | 25.71 |
| 170 | 20.92 | 36.646 | 25.77 |
| 180 | 20.49 | 36.625 | 25.87 |
| 190 | 20.40 | 36.621 | 25.89 |
| 200 | 19.92 | 36.593 | 26.00 |
| 250 | 18.79 | 36.546 | 26.26 |
| 300 | 18.18 | 36.504 | 26.38 |
| 350 | 17.31 | 36.388 | 26.51 |
| 400 | 16.68 | 36.294 | 26.58 |
| 450 | 15.28 | 36.064 | 26.73 |

RES-STACS26-86 CTD 75 RESEARCHER
Date 11 20 86 Latitude 27.002 N
Time 0452 Z Longitude 79.286 W



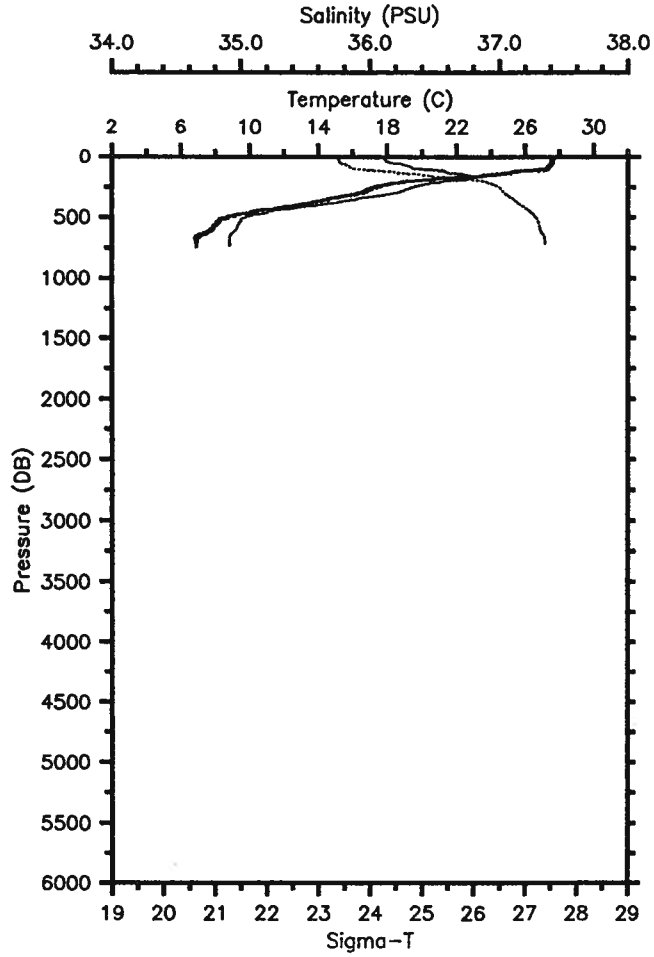

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.82 | 36.068 | 23.28 |
| 10 | 27.84 | 36.066 | 23.27 |
| 20 | 27.82 | 36.065 | 23.27 |
| 30 | 27.80 | 36.062 | 23.28 |
| 40 | 27.75 | 36.071 | 23.30 |
| 50 | 27.71 | 36.082 | 23.32 |
| 60 | 27.69 | 36.094 | 23.34 |
| 70 | 27.68 | 36.106 | 23.35 |
| 80 | 27.49 | 35.422 | 22.90 |
| 90 | 27.37 | 35.584 | 23.06 |
| 100 | 27.10 | 35.672 | 23.21 |
| 110 | 26.09 | 35.872 | 23.68 |
| 120 | 25.34 | 36.063 | 24.06 |
| 130 | 24.78 | 36.151 | 24.30 |
| 140 | 23.87 | 36.277 | 24.67 |
| 150 | 22.91 | 36.305 | 24.97 |
| 160 | 22.40 | 36.320 | 25.13 |
| 170 | 21.88 | 36.297 | 25.28 |
| 180 | 21.25 | 36.778 | 25.80 |
| 190 | 20.96 | 36.777 | 25.87 |
| 200 | 20.40 | 36.714 | 25.98 |
| 250 | 18.69 | 36.547 | 26.30 |
| 300 | 17.34 | 36.383 | 26.51 |
| 350 | 16.61 | 36.284 | 26.61 |
| 400 | 15.74 | 36.141 | 26.70 |
| 450 | 14.01 | 35.837 | 26.85 |
| 500 | 12.53 | 35.583 | 26.96 |
| 550 | 11.04 | 35.357 | 27.07 |
| 592 | 9.74 | 35.200 | 27.17 |

RES-STACS26-86 CTD 76 RESEARCHER
Date 11 20 86 Latitude 27.009 N
Time 0619 Z Longitude 79.382 W



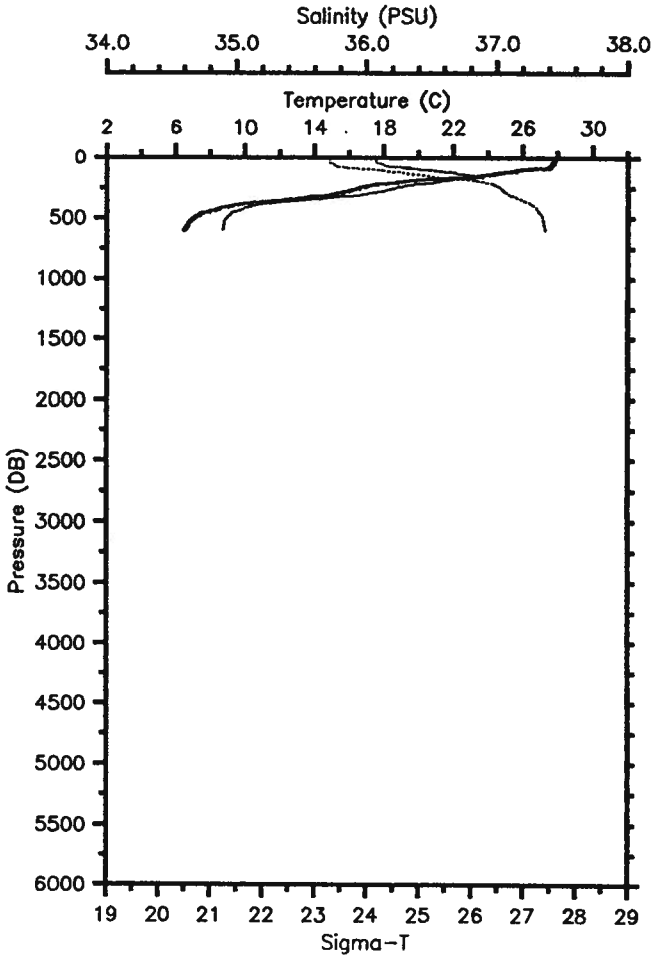

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.91 | 36.138 | 23.30 |
| 10 | 27.92 | 36.137 | 23.30 |
| 20 | 27.91 | 36.133 | 23.30 |
| 30 | 27.85 | 36.120 | 23.37 |
| 40 | 27.62 | 36.127 | 23.39 |
| 50 | 27.81 | 36.133 | 23.39 |
| 60 | 27.56 | 36.151 | 23.43 |
| 70 | 27.50 | 36.180 | 23.47 |
| 80 | 27.47 | 36.236 | 23.52 |
| 90 | 27.30 | 36.306 | 23.63 |
| 100 | 26.61 | 36.353 | 23.88 |
| 110 | 25.95 | 36.453 | 24.16 |
| 120 | 25.58 | 36.524 | 24.33 |
| 130 | 25.23 | 36.583 | 24.49 |
| 140 | 24.95 | 36.621 | 24.60 |
| 150 | 24.00 | 36.701 | 24.95 |
| 160 | 22.95 | 36.772 | 25.31 |
| 170 | 22.40 | 36.802 | 25.49 |
| 180 | 21.33 | 36.772 | 25.77 |
| 190 | 20.85 | 36.737 | 25.87 |
| 200 | 20.17 | 36.690 | 26.02 |
| 250 | 18.37 | 36.507 | 26.35 |
| 300 | 16.72 | 36.253 | 26.56 |
| 350 | 16.14 | 36.157 | 26.62 |
| 400 | 14.35 | 35.857 | 26.79 |
| 450 | 12.91 | 35.618 | 26.91 |
| 500 | 11.06 | 35.334 | 27.04 |
| 550 | 9.59 | 35.133 | 27.14 |
| 600 | 8.92 | 35.054 | 27.19 |
| 650 | 8.73 | 35.049 | 27.22 |

RES-STACS26-86 CTD 77 RESEARCHER
Date 11 20 86 Latitude 27.017 N
Time 0754 Z Longitude 79.500 W



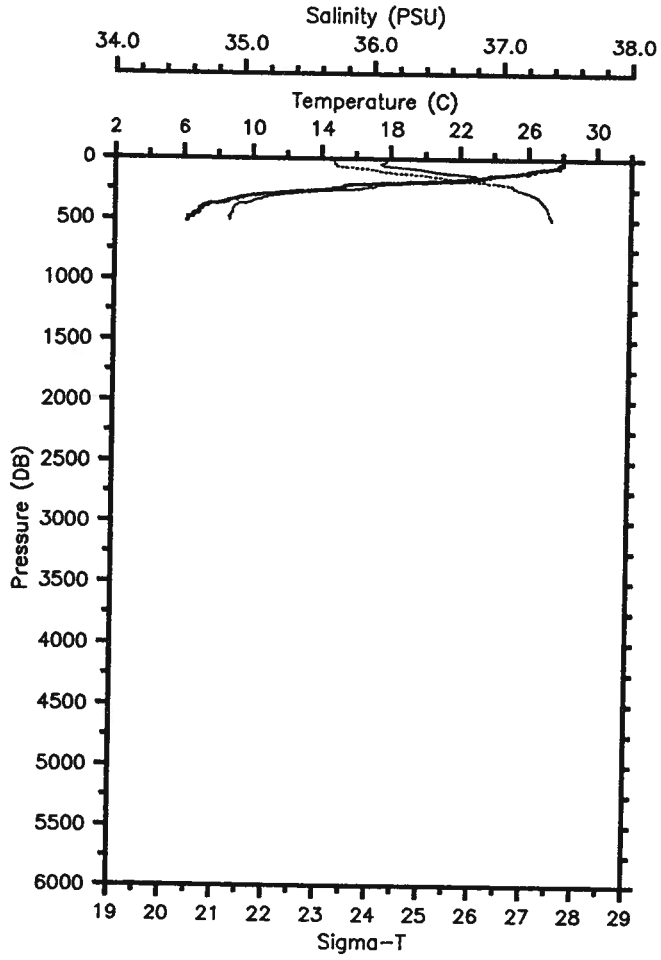

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.68 | 36.096 | 23.35 |
| 10 | 27.67 | 36.105 | 23.36 |
| 20 | 27.61 | 36.114 | 23.38 |
| 30 | 27.58 | 36.121 | 23.39 |
| 40 | 27.58 | 36.127 | 23.40 |
| 50 | 27.58 | 36.157 | 23.42 |
| 60 | 27.55 | 36.228 | 23.49 |
| 70 | 27.48 | 36.266 | 23.54 |
| 80 | 27.40 | 36.300 | 23.59 |
| 90 | 27.35 | 36.320 | 23.62 |
| 100 | 27.27 | 36.351 | 23.67 |
| 110 | 26.83 | 36.501 | 23.92 |
| 120 | 25.68 | 36.531 | 24.31 |
| 130 | 25.20 | 36.594 | 24.50 |
| 140 | 24.69 | 36.657 | 24.71 |
| 150 | 24.20 | 36.748 | 24.92 |
| 160 | 23.43 | 36.797 | 25.19 |
| 170 | 21.98 | 36.765 | 25.58 |
| 180 | 20.89 | 36.770 | 25.89 |
| 190 | 20.49 | 36.740 | 25.97 |
| 200 | 19.31 | 36.587 | 26.17 |
| 250 | 17.25 | 36.328 | 26.49 |
| 300 | 16.31 | 36.185 | 26.60 |
| 350 | 14.58 | 35.898 | 26.77 |
| 400 | 12.77 | 35.604 | 26.92 |
| 450 | 10.34 | 35.235 | 27.09 |
| 500 | 8.72 | 35.043 | 27.22 |
| 550 | 8.11 | 34.991 | 27.27 |
| 600 | 7.80 | 34.963 | 27.30 |
| 650 | 7.07 | 34.923 | 27.37 |
| 700 | 6.90 | 34.913 | 27.38 |
| 730 | 6.91 | 34.915 | 27.38 |

RES-STACS26-86 CTD 78 RESEARCHER
Date 11 20 86 Latitude 27.014 N
Time 0953 Z Longitude 79.618 W



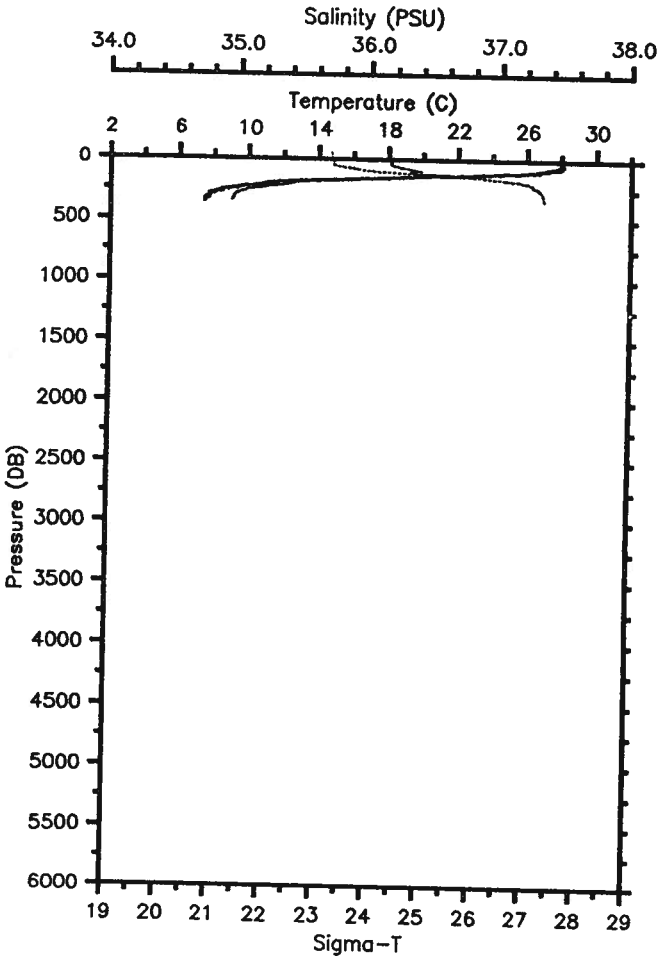

| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.77 | 36.069 | 23.29 |
| 10 | 27.78 | 36.074 | 23.30 |
| 20 | 27.78 | 36.076 | 23.30 |
| 30 | 27.79 | 36.077 | 23.29 |
| 40 | 27.79 | 36.077 | 23.29 |
| 50 | 27.69 | 36.111 | 23.35 |
| 60 | 27.65 | 36.130 | 23.38 |
| 70 | 27.61 | 36.153 | 23.41 |
| 80 | 27.59 | 36.304 | 23.53 |
| 90 | 27.25 | 36.313 | 23.65 |
| 100 | 26.16 | 36.418 | 24.07 |
| 110 | 25.83 | 36.534 | 24.33 |
| 120 | 25.29 | 36.605 | 24.48 |
| 130 | 24.59 | 36.680 | 24.76 |
| 140 | 24.28 | 36.735 | 24.89 |
| 150 | 23.68 | 36.820 | 25.13 |
| 160 | 23.18 | 36.871 | 25.32 |
| 170 | 21.95 | 36.765 | 25.59 |
| 180 | 20.59 | 36.693 | 25.91 |
| 190 | 19.82 | 36.635 | 26.07 |
| 200 | 18.99 | 36.537 | 26.21 |
| 250 | 16.61 | 36.231 | 26.57 |
| 300 | 15.27 | 36.011 | 26.71 |
| 350 | 12.29 | 35.562 | 26.99 |
| 400 | 9.29 | 35.144 | 27.20 |
| 450 | 7.94 | 35.002 | 27.30 |
| 500 | 7.07 | 34.928 | 27.37 |
| 550 | 6.74 | 34.904 | 27.40 |
| 600 | 6.52 | 34.897 | 27.42 |

RES-STACS26-86 CTD 79 RESEARCHER
Date 11 20 86 Latitude 27.022 N
Time 1121 Z Longitude 79.683 W




| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 28.03 | 36.104 | 23.24 |
| 10 | 28.03 | 36.102 | 23.24 |
| 20 | 28.02 | 36.101 | 23.24 |
| 30 | 28.03 | 36.098 | 23.23 |
| 40 | 27.95 | 36.069 | 23.24 |
| 50 | 27.81 | 36.061 | 23.28 |
| 60 | 27.82 | 36.078 | 23.28 |
| 70 | 27.65 | 36.156 | 23.40 |
| 80 | 26.92 | 36.289 | 23.74 |
| 90 | 26.43 | 36.379 | 23.96 |
| 100 | 26.10 | 36.442 | 24.11 |
| 110 | 25.92 | 36.477 | 24.19 |
| 120 | 25.35 | 36.576 | 24.44 |
| 130 | 24.83 | 36.715 | 24.77 |
| 140 | 23.79 | 36.787 | 25.08 |
| 150 | 23.49 | 36.834 | 25.20 |
| 160 | 22.91 | 36.873 | 25.40 |
| 170 | 22.02 | 36.819 | 25.61 |
| 180 | 21.06 | 36.730 | 25.81 |
| 190 | 19.52 | 36.534 | 26.08 |
| 200 | 17.93 | 36.329 | 26.32 |
| 250 | 14.61 | 35.904 | 26.77 |
| 300 | 10.34 | 35.285 | 27.14 |
| 350 | 8.56 | 35.076 | 27.27 |
| 400 | 7.09 | 34.921 | 27.36 |
| 450 | 6.77 | 34.905 | 27.40 |
| 500 | 6.25 | 34.892 | 27.46 |
| 510 | 6.23 | 34.892 | 27.46 |

RES-STACS26-86 CTD 80 RESEARCHER
Date 11 20 86 Latitude 27.014 N
Time 1248 Z Longitude 79.787 W

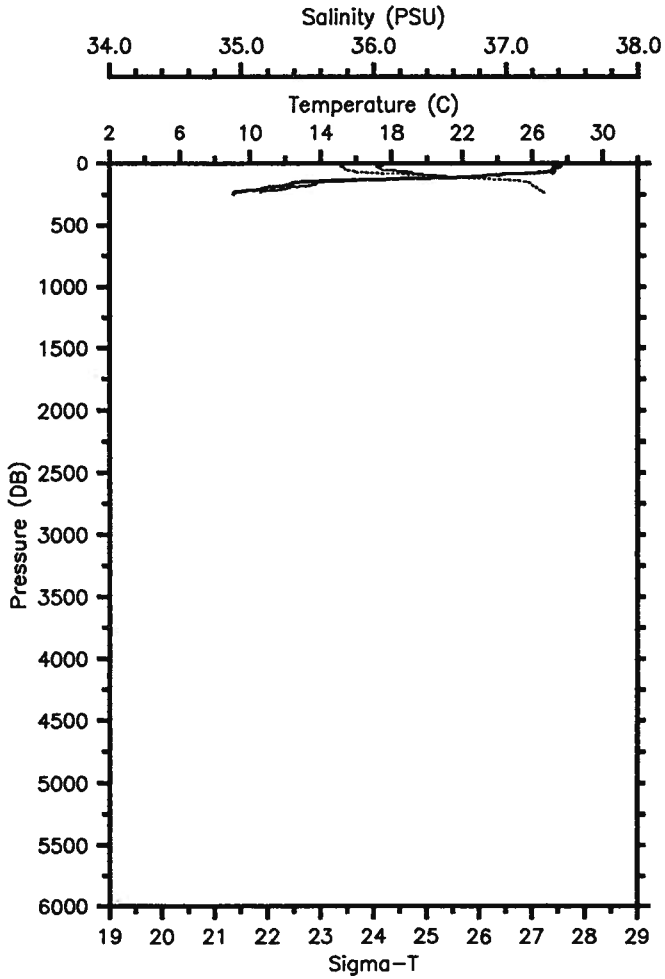



| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.98 | 36.152 | 23.29 |
| 10 | 27.99 | 36.152 | 23.29 |
| 20 | 27.99 | 36.151 | 23.28 |
| 30 | 28.00 | 36.151 | 23.28 |
| 40 | 28.00 | 36.152 | 23.28 |
| 50 | 27.98 | 36.165 | 23.30 |
| 60 | 27.86 | 36.198 | 23.36 |
| 70 | 27.40 | 36.237 | 23.54 |
| 80 | 27.01 | 36.305 | 23.72 |
| 90 | 26.70 | 36.332 | 23.84 |
| 100 | 25.86 | 36.303 | 24.08 |
| 110 | 24.49 | 36.329 | 24.52 |
| 120 | 23.14 | 36.523 | 25.07 |
| 130 | 21.77 | 36.372 | 25.34 |
| 140 | 19.71 | 36.353 | 25.89 |
| 150 | 18.18 | 36.254 | 26.20 |
| 160 | 16.53 | 36.055 | 26.45 |
| 170 | 15.02 | 35.866 | 26.65 |
| 180 | 13.07 | 35.619 | 26.88 |
| 190 | 11.93 | 35.494 | 27.00 |
| 200 | 11.28 | 35.403 | 27.08 |
| 250 | 8.84 | 35.099 | 27.24 |
| 300 | 7.72 | 34.952 | 27.30 |
| 348 | 7.45 | 34.936 | 27.33 |

RES-STACS26-86 CTD 81 RESEARCHER

Date 11 20 86 Latitude 27.041 N

Time 1527 Z Longitude 79.868 W




| Prs | Tem | Sal | SigT |
|---|---|---|---|
| 0 | 27.66 | 36.091 | 23.35 |
| 10 | 27.58 | 36.076 | 23.36 |
| 20 | 27.54 | 36.066 | 23.37 |
| 30 | 27.28 | 36.021 | 23.42 |
| 40 | 27.25 | 36.040 | 23.44 |
| 50 | 27.25 | 36.059 | 23.46 |
| 60 | 27.22 | 36.097 | 23.50 |
| 70 | 27.19 | 36.288 | 23.65 |
| 80 | 26.09 | 36.272 | 23.99 |
| 90 | 24.39 | 36.353 | 24.57 |
| 100 | 23.28 | 36.461 | 24.98 |
| 110 | 22.43 | 36.553 | 25.29 |
| 120 | 19.85 | 36.297 | 25.81 |
| 130 | 17.52 | 36.146 | 26.28 |
| 140 | 14.85 | 35.900 | 26.72 |
| 150 | 13.05 | 35.642 | 26.90 |
| 160 | 12.40 | 35.564 | 26.97 |
| 170 | 12.31 | 35.543 | 26.97 |
| 180 | 11.90 | 35.507 | 27.02 |
| 190 | 11.25 | 35.399 | 27.06 |
| 200 | 10.85 | 35.357 | 27.10 |
| 234 | 9.14 | 35.143 | 27.23 |

## 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-STACS23-86

| XBT NO. | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| DAY (GMT) | 14 | 15 | 15 | 15 | 16 | 17 | 16 |
| TIME (GMT) | 2256 | 1029 | 1453 | 1939 | 0028 | 0300 | 0724 |
| LAT (N) | 28.17 | 29.02 | 29.02 | 29.02 | 29.00 | 29.00 | 29.02 |
| LON (W) | 79.67 | 79.63 | 79.27 | 78.95 | 78.67 | 78.33 | 77.67 |
| SURF T (C) | 25.5 | 25.0 | 24.1 | 24.3 | 24.2 | 22.7 | 22.7 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | | |
| 25 | 89 | 64 | | | | | |
| 24 | 115 | 77 | 136 | 68 | 96 | | |
| 23 | 149 | 133 | 166 | 119 | 122 | 135 | 25 |
| 22 | 162 | 143 | 175 | 194 | 160 | 171 | 115 |
| 21 | 182 | 154 | 186 | 206 | 168 | 231 | 126 |
| 20 | 199 | 162 | 217 | 245 | 193 | 471 | 145 |
| 19 | 213 | 202 | 249 | 274 | 379 | 512 | 194 |
| 18 | 233 | 225 | 336 | 386 | 456 | 542 | 323 |
| 17 | 267 | 252 | 429 | 463 | 523 | 582 | 448 |
| 16 | 299 | 298 | 472 | 498 | | 626 | 516 |
| 15 | 335 | 344 | 520 | | | 668 | 572 |
| 14 | 360 | 366 | | | | 718 | 612 |
| 13 | 390 | 402 | | | | 736 | 651 |
| 12 | 433 | 434 | | | | | 684 |
| 11 | 458 | 469 | | | | | 729 |
| 10 | | 518 | | | | | |
| 9 | | 592 | | | | | |
| 8 | | 651 | | | | | |
| 7 | | 695 | | | | | |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| DAY (GMT) | 16 | 16 | 16 | 16 | 16 | 17 | 18 |
| TIME (GMT) | 0838 | 1204 | 1317 | 1944 | 2053 | 1518 | 0314 |
| LAT (N) | 29.02 | 29.00 | 29.00 | 29.00 | 29.07 | 28.23 | 27.78 |
| LON (W) | 77.33 | 76.67 | 76.33 | 75.67 | 79.33 | 75.35 | 75.65 |
| SURF T (C) | 22.8 | 23.2 | 22.9 | 23.1 | 23.0 | 22.9 | 23.4 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | | |
| 25 | | | | | | | |
| 24 | | | | | | | |
| 23 | | 119 | | 81 | 120 | | 109 |
| 22 | 100 | 128 | 147 | 137 | 147 | 164 | 141 |
| 21 | 113 | 158 | 179 | 162 | 159 | 179 | 164 |
| 20 | 142 | 184 | 204 | 200 | 190 | 215 | 189 |
| 19 | 187 | 229 | 259 | 298 | 241 | 264 | 253 |
| 18 | 312 | 373 | | 470 | 381 | | 361 |
| 17 | 433 | 498 | | 572 | 510 | | 477 |
| 16 | 505 | 564 | | 641 | 582 | | |
| 15 | 550 | 619 | | 686 | 620 | | |
| 14 | 598 | 666 | | 736 | 668 | | |
| 13 | 653 | 714 | | | 720 | | |
| 12 | 689 | 760 | | | | | |
| 11 | 730 | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| DAY (GMT) | 18 | 19 | 19 | 19 | 19 | 19 | 20 |
| TIME (GMT) | 1519 | 0333 | 1525 | 2100 | 2304 | 2358 | 0112 |
| LAT (N) | 26.90 | 26.53 | 26.53 | 26.55 | 26.32 | 26.10 | 25.88 |
| LON (W) | 76.13 | 76.65 | 76.73 | 76.83 | 76.76 | 76.68 | 76.60 |
| SURF T (C) | 23.9 | 24.0 | 24.0 | 24.0 | 23.8 | 24.1 | 24.0 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | | |
| 25 | | | | | | | |
| 24 | | | | 0 | | 103 | |
| 23 | 118 | 125 | 121 | 141 | 107 | 108 | 114 |
| 22 | 137 | 149 | 140 | 166 | 136 | 134 | 135 |
| 21 | 153 | 172 | 168 | 191 | 155 | 153 | 153 |
| 20 | 177 | 195 | 194 | 222 | 190 | 181 | 180 |
| 19 | 230 | 247 | 239 | 246 | 239 | 226 | 216 |
| 18 | 339 | 345 | 328 | 316 | 319 | 318 | 306 |
| 17 | 463 | 458 | 424 | 425 | 412 | 412 | 405 |
| 16 | | | 486 | 473 | 468 | 467 | 454 |
| 15 | | | | 510 | 508 | 509 | 507 |
| 14 | | | | 553 | 559 | 534 | 539 |
| 13 | | | | 588 | 603 | 568 | 573 |
| 12 | | | | 618 | 637 | 632 | 624 |
| 11 | | | | 636 | 674 | 685 | 661 |
| 10 | | | | 659 | 703 | 728 | 709 |
| 9 | | | | 720 | 745 | | 745 |
| 8 | | | | | | | |
| 7 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| DAY (GMT) | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| TIME (GMT) | 0210 | 1611 | 1728 | 1820 | 1925 | 2031 | 2158 |
| LAT (N) | 25.67 | 23.03 | 22.80 | 22.55 | 22.32 | 22.07 | 21.83 |
| LON (W) | 76.52 | 74.67 | 74.60 | 74.50 | 74.43 | 74.38 | 74.28 |
| SURF T (C) | 23.8 | 25.9 | 25.8 | 25.9 | 25.9 | 26.0 | 26.3 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | 1 | 5 |
| 25 | | 101 | 111 | 110 | 110 | 111 | 96 |
| 24 | | 110 | 119 | 120 | 118 | 119 | 115 |
| 23 | 157 | 120 | 138 | 138 | 142 | 137 | 131 |
| 22 | 167 | 156 | 157 | 162 | 161 | 161 | 157 |
| 21 | 180 | 185 | 180 | 177 | 188 | 181 | 179 |
| 20 | 196 | 214 | 206 | 205 | 206 | 211 | 194 |
| 19 | 236 | 244 | 241 | 238 | 242 | 252 | 222 |
| 18 | 311 | 309 | 311 | 308 | 301 | 314 | 284 |
| 17 | 401 | 374 | 376 | 387 | 372 | 385 | 386 |
| 16 | 444 | 435 | 429 | 437 | 426 | 437 | 444 |
| 15 | 476 | 479 | 466 | 477 | 472 | 476 | 491 |
| 14 | 520 | 528 | 510 | 522 | 515 | 515 | 531 |
| 13 | 561 | 558 | 562 | 557 | 575 | 542 | 565 |
| 12 | 613 | 586 | 600 | 607 | 615 | 599 | 594 |
| 11 | 646 | 639 | 638 | 650 | 655 | 653 | 636 |
| 10 | 696 | 671 | 682 | 699 | 705 | 698 | 684 |
| 9 | 736 | 729 | 725 | 741 | 756 | 750 | 737 |
| 8 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| DAY (GMT) | 20 | 21 | 21 | 21 | 21 | 21 | 22 |
| TIME (GMT) | 2256 | 0006 | 0059 | 0259 | 1653 | 2204 | 0037 |
| LAT (N) | 21.62 | 21.40 | 21.17 | 20.87 | 20.32 | 20.25 | 20.15 |
| LON (W) | 74.15 | 74.03 | 73.88 | 73.73 | 73.02 | 72.98 | 72.68 |
| SURF T (C) | 26.2 | 26.1 | 26.1 | 25.9 | 26.7 | 27.1 | 27.1 |
| 28 | | | | | | | |
| 27 | | | | | | 11 | 10 |
| 26 | 5 | 5 | 4 | | 55 | 69 | 59 |
| 25 | 98 | 89 | 113 | 108 | 118 | 111 | 108 |
| 24 | 114 | 108 | 127 | 118 | 132 | 129 | 126 |
| 23 | 142 | 134 | 140 | 132 | 156 | 143 | 137 |
| 22 | 163 | 163 | 164 | 159 | 171 | 165 | 153 |
| 21 | 189 | 189 | 184 | 181 | 186 | 183 | 179 |
| 20 | 217 | 218 | 203 | 209 | 204 | 216 | 198 |
| 19 | 268 | 237 | 231 | 244 | 238 | 228 | 218 |
| 18 | 340 | 300 | 290 | | 284 | 262 | 266 |
| 17 | 369 | 384 | 378 | | 359 | 348 | 325 |
| 16 | 394 | 432 | 448 | | 428 | 394 | 393 |
| 15 | 437 | 487 | 493 | | 464 | 432 | 429 |
| 14 | 492 | 522 | 523 | | | 476 | 459 |
| 13 | 527 | 563 | 560 | | | 518 | 507 |
| 12 | 572 | 605 | 599 | | | 553 | 564 |
| 11 | 636 | 650 | 647 | | | 617 | 618 |
| 10 | 691 | 687 | 675 | | | 663 | 677 |
| 9 | 731 | 727 | 734 | | | 699 | 722 |
| 8 | | | | | | | |
| 7 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| DAY (GMT) | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| TIME (GMT) | 0129 | 0238 | 0341 | 0429 | 0802 | 0903 | 1000 |
| LAT (N) | 20.13 | 20.13 | 20.13 | 20.12 | 20.13 | 20.13 | 20.13 |
| LON (W) | 72.42 | 72.14 | 71.89 | 71.42 | 70.83 | 70.57 | 70.32 |
| SURF T (C) | 26.8 | 26.4 | 26.6 | 26.3 | 26.0 | 25.8 | 26.0 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | 106 | 52 | 62 | 23 | 68 | | 53 |
| 25 | 123 | 118 | 120 | 111 | 97 | 82 | 96 |
| 24 | 137 | 143 | 132 | 127 | 119 | 106 | 114 |
| 23 | 154 | 163 | 149 | 154 | 135 | 129 | 136 |
| 22 | 174 | 178 | 177 | 171 | 156 | 150 | 158 |
| 21 | 196 | 186 | 197 | 201 | 175 | 162 | 179 |
| 20 | 209 | 203 | 217 | 217 | 197 | 195 | 199 |
| 19 | 244 | 231 | 239 | 242 | 224 | 220 | 237 |
| 18 | 294 | 278 | 277 | 282 | 272 | 272 | 274 |
| 17 | 356 | 344 | 340 | 344 | 340 | 338 | 347 |
| 16 | 390 | 374 | 377 | 385 | 393 | 383 | 382 |
| 15 | 444 | 422 | 418 | 419 | 422 | 425 | 437 |
| 14 | 482 | 465 | 450 | 456 | 462 | 466 | 467 |
| 13 | 523 | 504 | 488 | 487 | 495 | 518 | 512 |
| 12 | 559 | 532 | 534 | 529 | 542 | 559 | 556 |
| 11 | 606 | 571 | 594 | 579 | 580 | 595 | 606 |
| 10 | 673 | 635 | 652 | 638 | 644 | 632 | 667 |
| 9 | 731 | 692 | 706 | 683 | 697 | 725 | |
| 8 | | 727 | 748 | 744 | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 43 | 44 | 45 | 46 | 47 | 48 | 49 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| DAY (GMT) | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| TIME (GMT) | 1223 | 1116 | 1326 | 1427 | 1544 | 1657 | 1921 |
| LAT (N) | 20.17 | 20.13 | 20.22 | 20.27 | 20.32 | 20.35 | 20.32 |
| LON (W) | 69.78 | 70.05 | 69.53 | 69.25 | 68.97 | 68.70 | 68.17 |
| SURF T (C) | 25.7 | 25.8 | 25.7 | 26.1 | 26.1 | 25.8 | 25.8 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | 48 | | 29 | 21 | | |
| 25 | 112 | 112 | 121 | 122 | 126 | 123 | 135 |
| 24 | 125 | 136 | 131 | 131 | 138 | 139 | 161 |
| 23 | 150 | 148 | 153 | 152 | 146 | 149 | 176 |
| 22 | 165 | 164 | 168 | 176 | 168 | 178 | 188 |
| 21 | 193 | 192 | 202 | 192 | 187 | 211 | 207 |
| 20 | 219 | 210 | 231 | 216 | 214 | 232 | 232 |
| 19 | 266 | 239 | 259 | 258 | 229 | 254 | 267 |
| 18 | 340 | 290 | 311 | 291 | 281 | 302 | 299 |
| 17 | 424 | 362 | 379 | 364 | 354 | 352 | 358 |
| 16 | 482 | 403 | 422 | 412 | 397 | 385 | 391 |
| 15 | 522 | 472 | 475 | 447 | 431 | 433 | 432 |
| 14 | | 546 | 521 | 488 | 472 | 472 | 487 |
| 13 | | 570 | 556 | 544 | 534 | 521 | 531 |
| 12 | | 629 | 610 | 588 | 581 | 554 | 579 |
| 11 | | | | 622 | 612 | 603 | 632 |
| 10 | | | | 670 | 661 | 646 | 667 |
| 9 | | | | 718 | | 712 | 748 |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 50 | 51 | 52 | 53 | 54 | 55 | 56 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| DAY (GMT) | 22 | 22 | 22 | 23 | 23 | 23 | 23 |
| TIME (GMT) | 2023 | 2137 | 2347 | 0059 | 0210 | 0327 | 1554 |
| LAT (N) | 20.32 | 20.30 | 20.29 | 20.24 | 20.26 | 20.25 | 19.58 |
| LON (W) | 67.97 | 67.63 | 67.10 | 66.83 | 66.55 | 66.30 | 66.07 |
| SURF T (C) | 26.0 | 26.1 | 25.9 | 25.7 | 25.5 | 25.7 | 25.7 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | 4 | 5 | | | | 61 | 65 |
| 25 | 130 | 127 | 127 | 102 | 101 | 86 | 115 |
| 24 | 159 | 144 | 145 | 139 | 114 | 116 | 156 |
| 23 | 180 | 172 | 169 | 150 | 126 | 152 | 167 |
| 22 | 195 | 190 | 178 | 167 | 162 | 168 | 182 |
| 21 | 212 | 225 | 206 | 187 | 184 | 186 | 211 |
| 20 | 245 | 244 | 236 | 217 | 204 | 206 | 234 |
| 19 | 267 | 267 | 267 | 246 | 239 | 229 | 256 |
| 18 | 302 | 299 | 291 | 285 | 285 | 267 | 285 |
| 17 | 360 | 353 | 330 | 336 | 344 | 330 | 323 |
| 16 | 394 | 403 | 364 | 378 | 381 | 371 | 371 |
| 15 | 464 | 432 | 402 | 407 | 420 | 398 | 405 |
| 14 | 492 | 469 | 438 | 444 | 463 | 442 | |
| 13 | 598 | 512 | 467 | 471 | 499 | 480 | |
| 12 | 623 | 553 | 529 | 514 | 518 | 535 | |
| 11 | 692 | 580 | 576 | 555 | 541 | 559 | |
| 10 | 743 | 633 | 626 | 617 | 594 | 598 | |
| 9 | | 686 | 702 | 682 | 641 | 662 | |
| 8 | | | | 752 | 724 | 728 | |
| 7 | | | | | | | |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 57 | 58 | 59 | 60 | 61 | 62 | 63 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| DAY (GMT) | 22 | 24 | 28 | 28 | 28 | 28 | 28 |
| TIME (GMT) | 2231 | 1200 | 1511 | 1556 | 1642 | 1731 | 1816 |
| LAT (N) | 20.30 | 18.58 | 18.20 | 18.08 | 17.97 | 17.85 | 17.73 |
| LON (W) | 67.37 | 66.12 | 64.82 | 64.72 | 64.58 | 64.45 | 64.32 |
| SURF T (C) | 25.9 | 26.0 | 25.9 | 25.9 | 25.9 | 25.9 | 26.0 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | 58 | 75 | | | | 86 | 8 |
| 25 | 129 | 96 | 113 | 110 | 111 | 122 | 114 |
| 24 | 143 | 115 | 146 | 146 | 142 | 155 | 148 |
| 23 | 160 | 138 | 168 | 181 | 166 | 180 | 168 |
| 22 | 195 | 158 | 177 | 191 | 189 | 197 | 181 |
| 21 | 214 | 196 | 191 | 204 | 206 | 220 | 202 |
| 20 | 233 | 210 | 197 | 224 | 222 | 232 | 214 |
| 19 | 252 | 231 | 231 | 242 | 240 | 246 | 235 |
| 18 | 287 | 272 | | 277 | 255 | 266 | 252 |
| 17 | 343 | 333 | | 328 | 282 | 292 | 269 |
| 16 | 386 | 371 | | 354 | 330 | 313 | 300 |
| 15 | 417 | 402 | | 394 | 350 | 354 | 338 |
| 14 | 460 | 445 | | 419 | 392 | 390 | 365 |
| 13 | 488 | | | 452 | 434 | 415 | 392 |
| 12 | 513 | | | 485 | 468 | 435 | 429 |
| 11 | 545 | | | 544 | 509 | 497 | 454 |
| 10 | 582 | | | 594 | 560 | 556 | 495 |
| 9 | 640 | | | 668 | 620 | 629 | 564 |
| 8 | 686 | | | 718 | 658 | 694 | 615 |
| 7 | | | | | | | 728 |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| DAY (GMT) | 28 | 28 | 28 | 28 | 28 | 29 | 30 |
| TIME (GMT) | 1856 | 1942 | 2015 | 2115 | 2150 | 1227 | 0016 |
| LAT (N) | 17.62 | 17.50 | 17.37 | 17.25 | 17.14 | 16.00 | 15.01 |
| LON (W) | 64.18 | 64.07 | 63.94 | 63.78 | 63.71 | 63.48 | 63.53 |
| SURF T (C) | 26.1 | 26.0 | 26.2 | 26.1 | 26.2 | 26.0 | 26.2 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | 18 | 10 | 3 | 6 | 9 | 103 | 90 |
| 25 | 114 | 108 | 110 | 115 | 117 | 114 | 108 |
| 24 | 137 | 138 | 147 | 137 | 132 | 142 | 140 |
| 23 | 155 | 159 | 163 | 153 | 164 | 172 | 156 |
| 22 | 168 | 173 | 179 | 172 | 184 | 186 | 170 |
| 21 | 183 | 191 | 192 | 194 | 196 | 198 | 185 |
| 20 | 200 | 206 | 214 | 222 | 209 | 222 | 200 |
| 19 | 219 | 223 | 227 | 232 | 228 | 241 | 217 |
| 18 | 254 | 243 | 254 | 262 | 248 | 262 | 234 |
| 17 | 296 | 268 | 275 | 284 | 267 | 289 | 262 |
| 16 | 317 | 309 | 308 | 306 | 291 | 308 | 275 |
| 15 | 350 | 341 | 335 | 331 | 319 | 328 | 307 |
| 14 | 371 | 367 | 360 | 360 | 348 | 367 | 346 |
| 13 | 408 | 403 | 378 | 395 | 378 | 397 | 392 |
| 12 | 452 | 438 | 411 | 415 | 415 | 433 | 418 |
| 11 | 504 | 479 | 460 | 461 | 444 | 472 | |
| 10 | 529 | | 502 | 513 | 488 | | |
| 9 | | | 557 | 573 | 518 | | |
| 8 | | | 605 | 610 | 587 | | |
| 7 | | | 719 | 708 | 667 | | |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 71 | 72 | 73 | 74 | 75 | 76 | 77 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 1 | 1 | 2 | 1 | 1 | 2 | 2 |
| DAY (GMT) | 30 | 31 | 1 | 31 | 31 | 1 | 1 |
| TIME (GMT) | 1157 | 0008 | 1200 | 2157 | 2324 | 0048 | 0228 |
| LAT (N) | 14.00 | 12.73 | 12.17 | 11.69 | 11.83 | 12.16 | 12.48 |
| LON (W) | 63.53 | 63.57 | 63.55 | 63.65 | 63.76 | 63.97 | 64.19 |
| SURF T (C) | 26.0 | 26.1 | 26.0 | 25.7 | 25.7 | 26.0 | 26.1 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | 76 | 77 | 41 | | | | 60 |
| 25 | 96 | 89 | 53 | 17 | 16 | 50 | 72 |
| 24 | 112 | 102 | 62 | 27 | 26 | 64 | 77 |
| 23 | 120 | 119 | 71 | 32 | 42 | 72 | 81 |
| 22 | 130 | 134 | 79 | 35 | 45 | 79 | 101 |
| 21 | 138 | 142 | 101 | 48 | 54 | 98 | 108 |
| 20 | 152 | 156 | 118 | 74 | 92 | 117 | 116 |
| 19 | 166 | 164 | 131 | 122 | 125 | 134 | 134 |
| 18 | 181 | 181 | 149 | 195 | 161 | 152 | 155 |
| 17 | 202 | 204 | 179 | 220 | 188 | 179 | 187 |
| 16 | 213 | 239 | 201 | 257 | 209 | 207 | 202 |
| 15 | 236 | 269 | 235 | 289 | 251 | 236 | 225 |
| 14 | 257 | 309 | 255 | 301 | 275 | 259 | 243 |
| 13 | 288 | 343 | 300 | 325 | 311 | 288 | 270 |
| 12 | 326 | 383 | 334 | 344 | 323 | 314 | 316 |
| 11 | 362 | 404 | 383 | 369 | 347 | 350 | 337 |
| 10 | 424 | 420 | 423 | 397 | 385 | 407 | 381 |
| 9 | | | 477 | 436 | 436 | 478 | 459 |
| 8 | | | | | 501 | 556 | 538 |
| 7 | | | | | | 650 | 628 |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 78 | 79 | 80 | 81 | 82 | 83 | 84 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| DAY (GMT) | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| TIME (GMT) | 0357 | 0534 | 0656 | 0828 | 0957 | 1127 | 1251 |
| LAT (N) | 12.78 | 13.17 | 13.53 | 13.82 | 14.12 | 14.40 | 14.72 |
| LON (W) | 64.35 | 64.57 | 64.77 | 64.92 | 65.16 | 65.33 | 65.53 |
| SURF T (C) | 26.2 | 26.4 | 26.1 | 25.9 | 26.0 | 26.0 | 26.1 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | 50 | 68 | 33 | 62 | 74 | 14 | 12 |
| 25 | 77 | 92 | 90 | 81 | 94 | 100 | 110 |
| 24 | 85 | 100 | 102 | 108 | 116 | 124 | 125 |
| 23 | 91 | 113 | 116 | 123 | 134 | 142 | 141 |
| 22 | 105 | 130 | 132 | 135 | 144 | 158 | 160 |
| 21 | 116 | 147 | 147 | 148 | 162 | 171 | 177 |
| 20 | 134 | 158 | 161 | 160 | 172 | 183 | 190 |
| 19 | 160 | 174 | 174 | 177 | 188 | 201 | 200 |
| 18 | 183 | 186 | 189 | 191 | 204 | 218 | 213 |
| 17 | 211 | 203 | 211 | 207 | 223 | 247 | 228 |
| 16 | 231 | 224 | 234 | 228 | 249 | 268 | 254 |
| 15 | 256 | 256 | 257 | 249 | 265 | 294 | 287 |
| 14 | 277 | 280 | 284 | 271 | 300 | 320 | 314 |
| 13 | 302 | 312 | 311 | 300 | 332 | 348 | 344 |
| 12 | 326 | 326 | 339 | 336 | 367 | 388 | 373 |
| 11 | 366 | 359 | 368 | 380 | 417 | 417 | 416 |
| 10 | 405 | 406 | 406 | 420 | 459 | 451 | 467 |
| 9 | 459 | 450 | 461 | 460 | 515 | 484 | 525 |
| 8 | 519 | 510 | 515 | 535 | 569 | 540 | 580 |
| 7 | 617 | 593 | 639 | 609 | 636 | 588 | 646 |
| 6 | | 743 | | 746 | | 726 | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 85 | 86 | 87 | 88 | 89 | 90 | 91 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| DAY (GMT) | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| TIME (GMT) | 1551 | 1725 | 1853 | 2010 | 2158 | 2326 | 0057 |
| LAT (N) | 15.35 | 15.65 | 15.97 | 16.26 | 16.56 | 16.83 | 17.11 |
| LON (W) | 65.90 | 66.10 | 66.30 | 66.47 | 66.66 | 66.85 | 67.01 |
| SURF T (C) | 26.3 | 26.4 | 26.4 | 26.0 | 25.9 | 26.1 | 26.0 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | 112 | 95 | 39 | 11 | 46 | 17 | 108 |
| 25 | 128 | 111 | 111 | 117 | 119 | 124 | 124 |
| 24 | 143 | 138 | 141 | 142 | 156 | 153 | 158 |
| 23 | 159 | 148 | 156 | 158 | 166 | 169 | 176 |
| 22 | 173 | 161 | 169 | 175 | 184 | 184 | 193 |
| 21 | 183 | 175 | 185 | 187 | 197 | 194 | 209 |
| 20 | 197 | 188 | 205 | 200 | 210 | 214 | 223 |
| 19 | 217 | 208 | 215 | 215 | 227 | 228 | 239 |
| 18 | 239 | 226 | 246 | 232 | 247 | 252 | 257 |
| 17 | 266 | 258 | 258 | 260 | 268 | 288 | 282 |
| 16 | 301 | 278 | 291 | 282 | 305 | 324 | 304 |
| 15 | 323 | 303 | 318 | 316 | 328 | 342 | 332 |
| 14 | 354 | 323 | 345 | 346 | 352 | 371 | 358 |
| 13 | 380 | 363 | 385 | 382 | 379 | 396 | 399 |
| 12 | 426 | 421 | 415 | 419 | | 417 | 445 |
| 11 | 455 | 457 | 451 | 462 | | 480 | 489 |
| 10 | 509 | 503 | 496 | 509 | | 524 | 533 |
| 9 | 548 | 556 | 556 | 551 | | 607 | 590 |
| 8 | 622 | 618 | 606 | 589 | | 656 | 662 |
| 7 | 716 | 659 | 654 | 653 | | | |
| 6 | | | 757 | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 92 | 93 | 94 | 95 | 96 | 97 | 98 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| DAY (GMT) | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| TIME (GMT) | 0208 | 0358 | 0527 | 0658 | 0827 | 1126 | 1251 |
| LAT (N) | 17.44 | 17.75 | 18.07 | 18.37 | 18.63 | 19.25 | 19.43 |
| LON (W) | 67.18 | 67.38 | 67.55 | 67.72 | 67.85 | 68.15 | 68.25 |
| SURF T (C) | 26.0 | 25.9 | 26.0 | 26.0 | 26.0 | 25.5 | 25.7 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | 28 | 89 | 85 | 0 | 52 | | 78 |
| 25 | 113 | 112 | 98 | 101 | 100 | 125 | 120 |
| 24 | 137 | 139 | 137 | 113 | 116 | 152 | 149 |
| 23 | 164 | 165 | 149 | 134 | 142 | 162 | 169 |
| 22 | 183 | 179 | 180 | 141 | 155 | 195 | 192 |
| 21 | 202 | 194 | 194 | 155 | 165 | 211 | 202 |
| 20 | 216 | 212 | 220 | 173 | 185 | 229 | 222 |
| 19 | 234 | 239 | 243 | 209 | 225 | 260 | 253 |
| 18 | 261 | 272 | 269 | 244 | 249 | 281 | 291 |
| 17 | 280 | 300 | 317 | 263 | 308 | 318 | 345 |
| 16 | 314 | 338 | 351 | | 371 | 364 | 388 |
| 15 | 352 | 379 | 399 | | 418 | 409 | 418 |
| 14 | 385 | 409 | 448 | | 434 | 450 | 452 |
| 13 | 419 | 455 | 488 | | 461 | 500 | 486 |
| 12 | 462 | 509 | 524 | | 480 | 551 | 541 |
| 11 | 498 | 540 | 562 | | 525 | 588 | 599 |
| 10 | 538 | 588 | 619 | | 567 | 633 | 654 |
| 9 | 603 | 626 | 668 | | 599 | 673 | 710 |
| 8 | 673 | 688 | 731 | | | 731 | |
| 7 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 99 | 100 | 101 | 102 | 103 | 104 | 105 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| DAY (GMT) | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| TIME (GMT) | 1424 | 1552 | 1721 | 1853 | 2011 | 2149 | 2311 |
| LAT (N) | 19.75 | 19.97 | 20.28 | 20.53 | 20.72 | 20.94 | 21.15 |
| LON (W) | 68.40 | 68.55 | 68.77 | 69.00 | 69.32 | 69.68 | 69.97 |
| SURF T (C) | 25.8 | 25.8 | 25.6 | 25.6 | 25.7 | 25.7 | 25.6 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | 85 | 86 | | | | 105 | |
| 25 | 104 | 104 | 100 | 125 | 136 | 125 | 112 |
| 24 | 122 | 117 | 134 | 138 | 163 | 152 | 132 |
| 23 | 145 | 148 | 163 | 164 | 186 | 177 | 153 |
| 22 | 184 | 168 | 177 | 184 | 202 | 207 | 183 |
| 21 | 207 | 198 | 199 | 201 | 213 | 234 | 209 |
| 20 | 226 | 229 | 235 | 229 | 251 | 264 | 227 |
| 19 | 251 | 253 | 259 | 267 | 269 | 302 | 255 |
| 18 | 280 | 281 | 288 | 305 | 298 | 365 | 306 |
| 17 | 321 | 376 | 337 | 353 | 329 | | 374 |
| 16 | 361 | 412 | 383 | 390 | 368 | | 418 |
| 15 | 398 | | 424 | 426 | 410 | | 469 |
| 14 | 450 | | 467 | 458 | 464 | | 503 |
| 13 | 502 | | 500 | 511 | 526 | | 545 |
| 12 | 537 | | | 566 | 576 | | 576 |
| 11 | 573 | | | 606 | 618 | | 647 |
| 10 | 609 | | | 664 | 660 | | 702 |
| 9 | | | | 731 | | | 741 |
| 8 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 106 | 107 | 108 | 109 | 110 | 111 | 112 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| DAY (GMT) | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| TIME (GMT) | 0041 | 0208 | 0345 | 0526 | 0657 | 0829 | 0955 |
| LAT (N) | 21.35 | 21.55 | 21.73 | 21.92 | 22.07 | 22.27 | 22.48 |
| LON (W) | 70.26 | 70.55 | 70.87 | 71.20 | 71.55 | 71.88 | 72.20 |
| SURF T (C) | 25.4 | 25.5 | 25.5 | 25.4 | 25.4 | 25.5 | 25.3 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | | 54 |
| 25 | 106 | 110 | 90 | 86 | 101 | 106 | |
| 24 | 129 | 132 | 109 | 106 | 120 | 132 | |
| 23 | 150 | 148 | 146 | 133 | 149 | 153 | |
| 22 | 177 | 170 | | 162 | 177 | 168 | |
| 21 | 212 | 194 | | 194 | 193 | 198 | |
| 20 | 239 | 223 | | 207 | 221 | 212 | |
| 19 | 261 | 256 | | 239 | 246 | 239 | |
| 18 | 332 | 314 | | 397 | 305 | 310 | |
| 17 | 407 | 379 | | 436 | 403 | 389 | |
| 16 | 459 | 433 | | 523 | | 444 | |
| 15 | 498 | 478 | | 559 | | 485 | |
| 14 | 544 | 520 | | | | 533 | |
| 13 | 583 | 567 | | | | 573 | |
| 12 | 626 | 614 | | | | 630 | |
| 11 | 668 | 655 | | | | 672 | |
| 10 | 733 | 701 | | | | 710 | |
| 9 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 113 | 114 | 115 | 116 | 117 | 118 | 119 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| DAY (GMT) | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| TIME (GMT) | 1250 | 1449 | 1620 | 1750 | 1924 | 2040 | 2225 |
| LAT (N) | 22.92 | 23.12 | 23.35 | 23.60 | 23.80 | 24.00 | 24.21 |
| LON (W) | 72.78 | 73.07 | 73.35 | 73.61 | 73.93 | 74.26 | 74.38 |
| SURF T (C) | 25.1 | 25.2 | 25.0 | 25.3 | 24.9 | 25.1 | 25.1 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | | |
| 25 | 94 | 99 | 106 | 112 | 101 | 124 | 71 |
| 24 | 111 | 113 | 126 | 136 | 143 | 138 | 155 |
| 23 | 131 | 136 | 141 | 152 | 162 | 166 | 166 |
| 22 | 160 | 153 | 163 | 175 | 183 | 185 | 187 |
| 21 | 181 | 175 | 182 | 198 | 203 | 204 | 207 |
| 20 | 201 | 197 | 218 | 239 | 237 | 229 | 237 |
| 19 | 240 | 231 | 251 | 284 | 271 | 272 | 266 |
| 18 | 303 | 325 | 331 | 332 | 342 | 317 | 321 |
| 17 | 379 | 399 | 406 | 393 | 399 | 412 | 409 |
| 16 | 437 | 457 | 441 | 455 | 450 | 463 | 465 |
| 15 | 482 | 495 | 494 | 505 | 485 | 507 | 512 |
| 14 | 538 | 525 | 537 | 545 | 531 | 553 | 551 |
| 13 | 568 | 571 | 584 | 593 | 579 | 592 | 597 |
| 12 | 608 | 603 | 617 | 635 | 629 | 635 | 631 |
| 11 | 670 | 641 | 669 | 682 | 677 | 679 | 667 |
| 10 | 728 | | 716 | 722 | 716 | 732 | 715 |
| 9 | | | | | | | |
| 8 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 120 | 121 | 122 | 123 | 124 | 125 | 126 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| DAY (GMT) | 3 | 4 | 4 | 4 | 4 | 4 | 4 |
| TIME (GMT) | 2345 | 0128 | 0257 | 0411 | 0555 | 0727 | 0858 |
| LAT (N) | 24.64 | 24.72 | 24.97 | 25.25 | 25.52 | 25.75 | 26.00 |
| LON (W) | 74.88 | 74.89 | 75.13 | 75.42 | 75.68 | 75.95 | 76.20 |
| SURF T (C) | 24.7 | 24.8 | 24.7 | 24.3 | 23.6 | 23.6 | 23.9 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | | |
| 25 | | | | | | | |
| 24 | 126 | 110 | 123 | 66 | | | |
| 23 | 147 | 133 | 155 | 151 | 176 | 120 | 123 |
| 22 | 183 | 159 | 174 | 170 | 188 | 136 | 128 |
| 21 | 208 | 195 | 200 | 193 | 235 | 159 | 141 |
| 20 | 229 | 221 | 231 | 218 | 268 | 190 | 167 |
| 19 | 261 | 252 | 265 | 264 | 305 | 235 | 205 |
| 18 | 325 | 330 | 342 | 325 | 333 | 303 | 312 |
| 17 | 400 | 439 | 435 | 399 | 350 | 389 | 400 |
| 16 | 460 | 499 | 480 | 445 | 379 | 437 | 457 |
| 15 | 507 | 531 | 519 | 480 | 402 | 477 | 516 |
| 14 | 565 | 573 | 558 | 511 | 431 | 525 | 559 |
| 13 | 605 | 611 | 592 | 551 | 467 | 562 | 597 |
| 12 | 656 | 646 | 622 | 582 | 509 | 611 | 635 |
| 11 | 688 | 687 | 658 | 616 | 558 | 658 | 676 |
| 10 | 730 | 738 | 693 | 660 | 624 | 705 | 723 |
| 9 | | | 733 | 721 | 685 | 749 | |
| 8 | | | | | 730 | | |
| 7 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 127 | 128 | 129 | 130 | 131 | 132 | 133 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| DAY (GMT) | 4 | 4 | 5 | 6 | 7 | 7 | 7 |
| TIME (GMT) | 1025 | 1151 | 1254 | 1256 | 1055 | 1250 | 1453 |
| LAT (N) | 26.27 | 26.50 | 26.77 | 26.77 | 26.50 | 26.50 | 26.53 |
| LON (W) | 76.50 | 76.77 | 76.86 | 76.85 | 76.00 | 75.50 | 74.97 |
| SURF T (C) | 23.1 | 23.0 | 23.3 | 23.1 | 23.8 | 24.0 | 24.0 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | | |
| 25 | | | | | | | |
| 24 | | | | | | 19 | 0 |
| 23 | 124 | 139 | 150 | 128 | 111 | 138 | 126 |
| 22 | 149 | 166 | 162 | 141 | 136 | 155 | 146 |
| 21 | 169 | 180 | 183 | 163 | 159 | 197 | 171 |
| 20 | 196 | 207 | 210 | 187 | 182 | 208 | 195 |
| 19 | 225 | 230 | 235 | 228 | 218 | 248 | 246 |
| 18 | 310 | 318 | 351 | 330 | 330 | 353 | 393 |
| 17 | 405 | 413 | | 440 | 429 | 450 | 501 |
| 16 | 463 | 467 | | | 494 | 503 | 565 |
| 15 | 503 | 504 | | | 542 | 579 | 632 |
| 14 | 540 | 533 | | | 598 | 628 | 677 |
| 13 | 578 | 569 | | | 649 | 670 | 722 |
| 12 | 622 | 608 | | | 689 | 709 | |
| 11 | 675 | 649 | | | 736 | | |
| 10 | 725 | 689 | | | | | |
| 9 | | 730 | | | | | |
| 8 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 134 | 135 | 136 | 137 | 138 | 139 | 140 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| DAY (GMT) | 7 | 7 | 7 | 8 | 8 | 8 | 8 |
| TIME (GMT) | 1743 | 2142 | 2348 | 0143 | 0420 | 0615 | 0816 |
| LAT (N) | 27.03 | 27.53 | 28.00 | 28.50 | 29.00 | 29.00 | 29.00 |
| LON (W) | 74.47 | 73.98 | 74.00 | 74.00 | 74.50 | 75.00 | 75.50 |
| SURF T (C) | 24.2 | 23.6 | 23.0 | 22.9 | 22.1 | 22.6 | 22.6 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | | |
| 25 | | | | | | | |
| 24 | 18 | | | | | | |
| 23 | 144 | 85 | | | | | |
| 22 | 154 | 108 | 81 | 54 | 9 | 81 | 117 |
| 21 | 176 | 145 | 136 | 122 | 55 | 120 | 133 |
| 20 | 198 | 169 | 163 | 156 | 120 | 150 | 164 |
| 19 | 234 | 214 | 218 | 202 | 154 | 192 | 217 |
| 18 | 346 | 354 | 348 | 343 | 300 | 315 | 354 |
| 17 | 486 | 479 | 484 | 450 | 416 | 448 | 476 |
| 16 | 555 | 535 | 555 | 519 | 491 | 509 | 531 |
| 15 | 600 | 582 | 609 | 572 | 539 | 550 | 592 |
| 14 | 644 | 625 | 654 | 620 | 585 | 598 | 637 |
| 13 | 689 | 660 | 688 | 664 | 625 | 639 | 688 |
| 12 | 738 | 702 | 732 | 703 | 673 | 674 | 737 |
| 11 | | 759 | | 736 | 718 | 723 | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 141 | 142 | 143 | 144 | 145 | 146 | 147 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| DAY (GMT) | 8 | 8 | 8 | 8 | 8 | 8 | 9 |
| TIME (GMT) | 1033 | 1330 | 1521 | 1932 | 2128 | 2335 | 0320 |
| LAT (N) | 29.00 | 28.50 | 28.50 | 28.50 | 28.50 | 28.00 | 28.00 |
| LON (W) | 76.00 | 76.50 | 76.00 | 75.00 | 74.50 | 74.50 | 75.50 |
| SURF T (C) | 22.7 | 22.6 | 23.0 | 22.9 | 23.0 | 22.7 | 22.7 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | | |
| 25 | | | | | | | |
| 24 | | | | | | | |
| 23 | | | | | 5 | | |
| 22 | 165 | 179 | 182 | 149 | 30 | 56 | 152 |
| 21 | 177 | 211 | 197 | 162 | 66 | 130 | 179 |
| 20 | 205 | 247 | 226 | 185 | 138 | 159 | 216 |
| 19 | 246 | 296 | | 221 | 174 | 195 | 301 |
| 18 | 386 | 435 | | 376 | 335 | 345 | 437 |
| 17 | 502 | 555 | | 488 | 455 | 471 | 558 |
| 16 | 573 | 621 | | 560 | 514 | 541 | 614 |
| 15 | 617 | 665 | | 609 | 565 | 596 | 660 |
| 14 | 665 | 711 | | 650 | 623 | 637 | 711 |
| 13 | 722 | | | 695 | 661 | 682 | |
| 12 | | | | 742 | 697 | 720 | |
| 11 | | | | | 734 | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 148 | 149 | 150 | 151 | 152 | 153 | 154 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| DAY (GMT) | 9 | 9 | 9 | 9 | 9 | 9 | 10 |
| TIME (GMT) | 0723 | 1034 | 1437 | 1653 | 1810 | 2003 | 2300 |
| LAT (N) | 28.00 | 27.50 | 27.50 | 27.50 | 27.50 | 27.50 | 27.00 |
| LON (W) | 76.50 | 77.00 | 76.00 | 75.43 | 75.00 | 74.50 | 75.00 |
| SURF T (C) | 22.8 | 23.6 | 22.8 | 23.6 | 23.8 | 24.0 | 24.4 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | | |
| 25 | | | | | | | |
| 24 | | | | | | | |
| 23 | | 109 | | 50 | 94 | 65 | 87 |
| 22 | 126 | 127 | 58 | 97 | 139 | 102 | 144 |
| 21 | 132 | 163 | 120 | 129 | 172 | 149 | 163 |
| 20 | 149 | 190 | 172 | 163 | 205 | 196 | 188 |
| 19 | 329 | 237 | 220 | 210 | 239 | 230 | 225 |
| 18 | 474 | 330 | 373 | 337 | 362 | 359 | 262 |
| 17 | 595 | 422 | 496 | 469 | 474 | 461 | 375 |
| 16 | 677 | 484 | 558 | 550 | 542 | 537 | 498 |
| 15 | 723 | 532 | 598 | 598 | 598 | 588 | 558 |
| 14 | | 589 | 649 | 648 | 640 | 627 | 604 |
| 13 | | 626 | 693 | 680 | | 673 | 649 |
| 12 | | 682 | 739 | 728 | | 718 | 689 |
| 11 | | 721 | | | | 758 | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 155 | 156 | 157 | 158 | 159 | 160 | 161 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| DAY (GMT) | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| TIME (GMT) | 0052 | 0215 | 0415 | 0504 | 0536 | 0626 | 0710 |
| LAT (N) | 27.00 | 27.00 | 27.00 | 26.85 | 26.70 | 26.50 | 26.35 |
| LON (W) | 75.50 | 76.00 | 76.50 | 76.58 | 76.65 | 76.75 | 76.85 |
| SURF T (C) | 24.4 | 24.2 | 23.9 | 23.8 | 23.7 | 23.8 | 24.0 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | | |
| 25 | | | | | | | |
| 24 | 46 | 29 | | | | | 1 |
| 23 | 150 | 106 | 69 | 131 | 144 | 165 | 130 |
| 22 | 169 | 150 | 148 | 143 | 154 | 186 | 196 |
| 21 | 207 | 164 | 258 | 163 | 176 | 195 | 202 |
| 20 | 222 | 188 | 289 | 193 | 206 | 221 | 218 |
| 19 | 259 | 223 | 339 | 224 | 251 | 261 | 252 |
| 18 | 344 | 325 | 391 | 304 | 346 | 346 | 320 |
| 17 | 453 | 446 | 449 | 394 | 458 | 426 | 397 |
| 16 | 524 | 501 | 485 | 474 | | | 452 |
| 15 | 577 | 543 | 554 | 518 | | | |
| 14 | 625 | 596 | 612 | 558 | | | |
| 13 | 671 | 644 | 653 | 596 | | | |
| 12 | 711 | 679 | | 636 | | | |
| 11 | 756 | | | 686 | | | |
| 10 | | | | 737 | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS23-86

| XBT NO. | 162 | 163 | 164 | 165 | 166 | 167 | 168 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| DAY (GMT) | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| TIME (GMT) | 0754 | 0827 | 0928 | 0942 | 1033 | 1118 | 1203 |
| LAT (N) | 26.20 | 26.03 | 25.88 | 25.78 | 25.80 | 25.80 | 25.83 |
| LON (W) | 76.93 | 76.92 | 77.05 | 77.07 | 77.28 | 77.45 | 77.64 |
| SURF T (C) | 23.6 | 23.3 | 23.6 | 23.5 | 24.2 | 24.2 | 24.3 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | | |
| 25 | | | | | | | |
| 24 | | | | | 58 | 33 | 112 |
| 23 | 164 | 176 | 151 | 123 | 147 | 138 | 171 |
| 22 | 202 | 200 | 185 | 190 | 175 | 156 | 189 |
| 21 | 218 | 213 | 203 | 206 | 201 | 185 | 214 |
| 20 | 242 | 244 | 230 | 226 | 228 | 214 | 240 |
| 19 | 274 | 279 | 264 | 285 | 257 | 249 | 278 |
| 18 | 354 | 357 | 342 | 344 | 350 | 336 | 350 |
| 17 | 434 | 431 | 424 | 417 | 413 | 418 | 408 |
| 16 | | | 476 | 469 | 477 | 465 | 455 |
| 15 | | | 526 | 494 | 511 | 504 | |
| 14 | | | 542 | 524 | 547 | 545 | |
| 13 | | | 578 | 549 | 585 | 579 | |
| 12 | | | 609 | 578 | 617 | 622 | |
| 11 | | | 675 | 635 | 651 | 654 | |
| 10 | | | 713 | 684 | 690 | 692 | |
| 9 | | | | 721 | | 737 | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |

ISOTHERM DEPTHS (m)

R/V RESEARCHER RES-STACS23-86

| | |
|---|---|
| XBT NO. | 170 |
| YEAR | 1986 |
| MONTH | 2 |
| DAY (GMT) | 10 |
| TIME (GMT) | 1252 |
| LAT (N) | 25.85 |
| LON (W) | 77.82 |
| SURF T (C) | 24.5 |
| 28 | |
| 27 | |
| 26 | |
| 25 | |
| 24 | 156 |
| 23 | 164 |
| 22 | 182 |
| 21 | 209 |
| 20 | 245 |
| 19 | 281 |
| 18 | 338 |
| 17 | |
| 16 | |
| 15 | |
| 14 | |
| 13 | |
| 12 | |
| 11 | |
| 10 | |
| 9 | |
| 8 | |
| 7 | |
| 6 | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS24-86

| XBT NO. | 1 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| DAY (GMT) | 25 | 26 | 27 | 28 | 29 | 30 | 30 |
| TIME (GMT) | 1753 | 1922 | 1925 | 1752 | 1752 | 0958 | 1159 |
| LAT (N) | 25.97 | 26.48 | 26.49 | 26.54 | 26.50 | 26.28 | 26.03 |
| LON (W) | 79.64 | 76.22 | 76.54 | 76.84 | 76.42 | 75.64 | 75.28 |
| SURF T (C) | 25.4 | 22.2 | 22.1 | 23.0 | 22.8 | 22.9 | 23.0 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | | |
| 25 | 121 | | | | | | |
| 24 | 169 | | | | | | |
| 23 | 182 | | | 4 | | | 41 |
| 22 | 193 | 56 | 1 | 93 | 76 | 80 | 73 |
| 21 | 198 | 125 | 138 | 182 | 174 | 112 | 135 |
| 20 | 217 | 217 | 237 | 238 | 224 | 189 | 188 |
| 19 | 229 | 261 | 275 | 300 | 286 | 220 | 223 |
| 18 | 245 | 386 | 429 | 437 | 431 | 337 | 333 |
| 17 | 269 | | | | | 449 | 449 |
| 16 | 289 | | | | | 518 | 494 |
| 15 | 327 | | | | | 569 | 557 |
| 14 | 373 | | | | | 610 | 601 |
| 13 | 383 | | | | | 649 | 637 |
| 12 | 405 | | | | | 696 | 676 |
| 11 | 432 | | | | | 747 | 718 |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS24-86

| XBT NO. | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| DAY (GMT) | 30 | 30 | 30 | 30 | 30 | 30 | 31 |
| TIME (GMT) | 1351 | 1554 | 1753 | 1953 | 2152 | 2352 | 0146 |
| LAT (N) | 25.81 | 25.61 | 25.37 | 25.14 | 24.90 | 24.66 | 24.48 |
| LON (W) | 74.81 | 74.38 | 73.88 | 73.52 | 73.13 | 72.72 | 72.32 |
| SURF T (C) | 22.9 | 23.7 | 24.3 | 24.3 | 23.8 | 24.1 | 24.6 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | | |
| 25 | | | | | | | |
| 24 | | | 46 | 5 | | 2 | 43 |
| 23 | | 10 | 98 | 61 | 50 | 51 | 70 |
| 22 | 88 | 59 | 127 | 100 | 79 | 68 | 94 |
| 21 | 139 | 93 | 153 | 120 | 98 | 88 | 122 |
| 20 | 182 | 155 | 167 | 143 | 122 | 111 | 145 |
| 19 | 213 | 192 | 209 | 171 | 169 | 147 | 179 |
| 18 | 343 | 437 | 307 | 274 | 274 | 251 | 270 |
| 17 | 447 | 529 | 399 | 386 | 390 | | 388 |
| 16 | 503 | 565 | 455 | 460 | 458 | | 445 |
| 15 | 544 | 612 | 501 | 503 | 497 | | 486 |
| 14 | 593 | 682 | 556 | 538 | 543 | | 531 |
| 13 | 646 | | 603 | 576 | 580 | | 580 |
| 12 | 685 | | 639 | 616 | 619 | | 615 |
| 11 | 733 | | 700 | 659 | 668 | | 660 |
| 10 | | | 728 | 704 | 713 | | 700 |
| 9 | | | 740 | 741 | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS24-86

| XBT NO. | 16 | 17 | 18 | 19 | 21 | 22 | 23 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 3 | 4 | 4 | 4 | 4 | 4 | 4 |
| DAY (GMT) | 31 | 1 | 2 | 3 | 3 | 4 | 8 |
| TIME (GMT) | 1755 | 1753 | 1751 | 0540 | 1805 | 0631 | 1551 |
| LAT (N) | 23.35 | 21.55 | 20.15 | 19.79 | 19.17 | 18.73 | 17.48 |
| LON (W) | 72.40 | 72.68 | 72.18 | 69.37 | 66.55 | 66.13 | 64.91 |
| SURF T (C) | 25.0 | 26.0 | 26.4 | 25.9 | 25.8 | 26.0 | 26.3 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | 28 | | | 20 | 30 |
| 25 | 9 | 80 | 108 | 79 | 113 | 106 | 92 |
| 24 | 52 | 109 | 149 | 121 | 127 | 125 | 117 |
| 23 | 79 | 152 | 178 | 167 | 152 | 139 | 143 |
| 22 | 107 | 184 | 194 | 179 | 171 | 157 | 161 |
| 21 | 150 | 223 | 218 | 196 | 197 | 179 | 174 |
| 20 | 177 | 239 | 241 | 234 | 210 | 202 | 199 |
| 19 | 217 | 290 | 265 | 269 | 242 | 222 | 221 |
| 18 | 325 | 330 | 313 | 314 | 293 | 243 | 234 |
| 17 | 426 | 405 | 363 | 359 | 345 | 294 | 262 |
| 16 | | 479 | 410 | 384 | 394 | 341 | 289 |
| 15 | | | 445 | 420 | 427 | 374 | 315 |
| 14 | | | 483 | 478 | 470 | 463 | 339 |
| 13 | | | | | | | 372 |
| 12 | | | | | | | 404 |
| 11 | | | | | | | 438 |
| 10 | | | | | | | 494 |
| 9 | | | | | | | 571 |
| 8 | | | | | | | 642 |
| 7 | | | | | | | 712 |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS24-86

| XBT NO. | 24 | 26 | 27 | 28 | 29 | 30 | 31 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| DAY (GMT) | 8 | 8 | 8 | 8 | 9 | 9 | 9 |
| TIME (GMT) | 1751 | 2007 | 2150 | 2343 | 0145 | 0343 | 0542 |
| LAT (N) | 17.06 | 16.60 | 16.16 | 15.80 | 15.25 | 14.78 | 14.32 |
| LON (W) | 64.82 | 64.74 | 64.61 | 64.52 | 64.43 | 64.33 | 64.25 |
| SURF T (C) | 26.5 | 26.4 | 26.8 | 26.4 | 26.4 | 26.6 | 26.5 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | 56 | 38 | 61 | 29 | 63 | 76 | 33 |
| 25 | 108 | 107 | 103 | 104 | 110 | 104 | 75 |
| 24 | 128 | 126 | 133 | 127 | 133 | 135 | 90 |
| 23 | 152 | 147 | 153 | 147 | 160 | 148 | 113 |
| 22 | 173 | 161 | 176 | 178 | 170 | 163 | 127 |
| 21 | 190 | 176 | 190 | 192 | 183 | 186 | 145 |
| 20 | 216 | 190 | 201 | 205 | 196 | 195 | 161 |
| 19 | 228 | 205 | 216 | 224 | 213 | 205 | 177 |
| 18 | 244 | 227 | 233 | 240 | 228 | 220 | 198 |
| 17 | 266 | 252 | 251 | 261 | 242 | 239 | 222 |
| 16 | 295 | 278 | 273 | 292 | 271 | 266 | 262 |
| 15 | 324 | 302 | 292 | 314 | 298 | 283 | 283 |
| 14 | 357 | 328 | 320 | 342 | 325 | 316 | 306 |
| 13 | 391 | 368 | 347 | 374 | 364 | 338 | 325 |
| 12 | 429 | 400 | 395 | 398 | 399 | 369 | 352 |
| 11 | 463 | 449 | 444 | 420 | 445 | 418 | 384 |
| 10 | 509 | 498 | 490 | 470 | 480 | 465 | 422 |
| 9 | 567 | 564 | 530 | 518 | 530 | 512 | 475 |
| 8 | 631 | 619 | 617 | 592 | 610 | 570 | 549 |
| 7 | 698 | | | 676 | 687 | 664 | 636 |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS24-86

| XBT NO. | 32 | 33 | 34 | 35 | 36 | 37 | 38 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| DAY (GMT) | 9 | 9 | 9 | 9 | 9 | 9 | 10 |
| TIME (GMT) | 0752 | 0953 | 1147 | 1357 | 1550 | 1751 | 0547 |
| LAT (N) | 13.87 | 13.44 | 13.00 | 12.55 | 12.19 | 11.77 | 12.48 |
| LON (W) | 64.13 | 63.99 | 63.92 | 63.80 | 63.74 | 63.63 | 63.50 |
| SURF T (C) | 26.4 | 26.6 | 26.5 | 26.5 | 26.7 | 26.7 | 26.6 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | 48 | 58 | 56 | 68 | 81 | 36 | 72 |
| 25 | 66 | 101 | 90 | 107 | 92 | 49 | 96 |
| 24 | 99 | 125 | 113 | 117 | 101 | 55 | 109 |
| 23 | 124 | 138 | 126 | 138 | 112 | 63 | 125 |
| 22 | 135 | 159 | 145 | 164 | 118 | 69 | 134 |
| 21 | 146 | 173 | 168 | 169 | 123 | 101 | 145 |
| 20 | 159 | 185 | 199 | 182 | 148 | 135 | 153 |
| 19 | 182 | 200 | 209 | 200 | 163 | 152 | 158 |
| 18 | 202 | 209 | 218 | 212 | 180 | 174 | 165 |
| 17 | 226 | 227 | 236 | 228 | 209 | 194 | 184 |
| 16 | 247 | 249 | 250 | 241 | 230 | 227 | 239 |
| 15 | 274 | 265 | 274 | 251 | 254 | 259 | 263 |
| 14 | 303 | 289 | 321 | 270 | 267 | 272 | 291 |
| 13 | 328 | 322 | 355 | 280 | 278 | 295 | 322 |
| 12 | 355 | 344 | 370 | 301 | 289 | 308 | 352 |
| 11 | 385 | 377 | 427 | 333 | 302 | 326 | 391 |
| 10 | 420 | 423 | 469 | 376 | | 342 | 440 |
| 9 | 496 | 474 | 517 | 441 | | 371 | |
| 8 | 536 | 520 | 546 | 520 | | 378 | |
| 7 | 617 | 604 | 604 | 580 | | 459 | |
| 6 | 736 | | 716 | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS24-86

| XBT NO. | 39 | 40 | 41 | 42 | 44 | 45 | 46 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| DAY (GMT) | 10 | 11 | 11 | 12 | 13 | 13 | 14 |
| TIME (GMT) | 1750 | 0542 | 1751 | 0627 | 0552 | 1752 | 0757 |
| LAT (N) | 13.50 | 13.82 | 15.97 | 17.25 | 18.84 | 19.25 | 20.40 |
| LON (W) | 66.55 | 63.56 | 63.50 | 63.84 | 66.13 | 66.12 | 66.32 |
| SURF T (C) | 26.7 | 26.5 | 26.6 | 26.5 | 26.3 | 26.4 | 26.1 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | 54 | 44 | 53 | 40 | 16 | 33 | 19 |
| 25 | 95 | 53 | 101 | 102 | 119 | 133 | 87 |
| 24 | 112 | 77 | 130 | 144 | 147 | 156 | 121 |
| 23 | 129 | 99 | 154 | 159 | 172 | 181 | 136 |
| 22 | 144 | 122 | 167 | 171 | 189 | 201 | 154 |
| 21 | 158 | 136 | 179 | 186 | 204 | 213 | 177 |
| 20 | 168 | 154 | 194 | 193 | 220 | 234 | 197 |
| 19 | 184 | 169 | 204 | 210 | 241 | 262 | 221 |
| 18 | 205 | 190 | 223 | 248 | 290 | 305 | 284 |
| 17 | 224 | 211 | 261 | 268 | 340 | 356 | 360 |
| 16 | 241 | 240 | 286 | 300 | 387 | 398 | 415 |
| 15 | 267 | 266 | 315 | 339 | 423 | 436 | 456 |
| 14 | 297 | 305 | 341 | 375 | | 460 | 490 |
| 13 | 322 | 329 | 385 | 404 | | | |
| 12 | 367 | 350 | 411 | 458 | | | |
| 11 | 435 | 401 | 460 | | | | |
| 10 | | 443 | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS24-86

| XBT NO. | 47 | 48 | 49 | 50 | 51 | 52 | 53 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| DAY (GMT) | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| TIME (GMT) | 0940 | 1149 | 1357 | 1551 | 1750 | 1952 | 2150 |
| LAT (N) | 20.70 | 20.98 | 21.27 | 21.51 | 21.77 | 21.97 | 22.27 |
| LON (W) | 66.72 | 67.07 | 67.45 | 67.78 | 68.19 | 68.46 | 68.81 |
| SURF T (C) | 26.0 | 25.8 | 25.7 | 25.6 | 26.0 | 26.1 | 25.7 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | 14 | | | | | 7 | |
| 25 | 83 | 93 | 85 | 85 | 105 | 112 | 88 |
| 24 | 125 | 123 | 124 | 122 | 138 | 130 | 121 |
| 23 | 147 | 151 | 137 | 142 | 157 | 156 | 145 |
| 22 | 168 | 178 | 156 | 156 | 177 | 182 | 179 |
| 21 | 188 | 196 | 192 | 181 | 193 | 199 | 204 |
| 20 | 212 | 211 | 208 | 208 | 210 | 218 | 235 |
| 19 | 237 | 235 | 232 | 239 | 240 | 246 | 261 |
| 18 | 295 | 303 | 296 | 284 | 311 | 311 | 315 |
| 17 | 360 | 369 | 360 | 356 | 393 | 378 | 380 |
| 16 | 402 | 410 | 407 | 417 | 435 | 437 | 434 |
| 15 | 442 | 445 | 455 | 449 | 475 | 478 | 485 |
| 14 | 485 | 484 | 497 | 490 | 518 | 527 | 533 |
| 13 | 518 | 556 | 534 | 525 | 561 | 570 | 570 |
| 12 | 546 | 609 | 587 | 587 | 619 | 620 | 617 |
| 11 | 591 | 671 | 631 | | 663 | 672 | 674 |
| 10 | | | 677 | | | 719 | 729 |
| 9 | | | 722 | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS24-86

| XBT NO. | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| DAY (GMT) | 14 | 15 | 15 | 15 | 15 | 15 | 15 |
| TIME (GMT) | 2337 | 0142 | 0344 | 0536 | 0753 | 0955 | 1152 |
| LAT (N) | 22.55 | 22.77 | 22.03 | 23.27 | 23.53 | 23.80 | 24.07 |
| LON (W) | 69.17 | 69.67 | 70.07 | 70.43 | 70.82 | 71.22 | 71.60 |
| SURF T (C) | 25.8 | 25.9 | 25.8 | 25.6 | 25.2 | 25.1 | 24.6 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | | |
| 25 | 90 | 81 | 44 | 75 | 33 | 24 | |
| 24 | 135 | 132 | 75 | 106 | 66 | 38 | 38 |
| 23 | 167 | 153 | 124 | 131 | 107 | 75 | 58 |
| 22 | 182 | 178 | 155 | 151 | 128 | 96 | 78 |
| 21 | 202 | 195 | 179 | 176 | 154 | 122 | 104 |
| 20 | 214 | 212 | 202 | 186 | 188 | 139 | 129 |
| 19 | 258 | 245 | 251 | 204 | 220 | 173 | 154 |
| 18 | 330 | 321 | 326 | 314 | 300 | 283 | 267 |
| 17 | 396 | 404 | 424 | 409 | 385 | 386 | 363 |
| 16 | 448 | 463 | 476 | 462 | 446 | 446 | 431 |
| 15 | 500 | 499 | 521 | 515 | 491 | 494 | 483 |
| 14 | 534 | 547 | 580 | 561 | 534 | 531 | 520 |
| 13 | 579 | 591 | 625 | 604 | 585 | 573 | 539 |
| 12 | 624 | 649 | 679 | 631 | 640 | 610 | 578 |
| 11 | 665 | 692 | | | 686 | 647 | 632 |
| 10 | 715 | | | | | 696 | 675 |
| 9 | | | | | | | 722 |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS24-86

| XBT NO. | 61 | 62 | 63 | 64 | 65 | 66 | 67 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| DAY (GMT) | 15 | 15 | 15 | 15 | 15 | 15 | 16 |
| TIME (GMT) | 1357 | 1552 | 1751 | 1950 | 2151 | 2355 | 0146 |
| LAT (N) | 24.30 | 24.58 | 24.83 | 25.07 | 25.30 | 25.45 | 25.73 |
| LON (W) | 72.03 | 72.45 | 72.86 | 73.25 | 73.69 | 74.05 | 74.47 |
| SURF T (C) | 24.9 | 24.2 | 24.1 | 24.1 | 24.2 | 24.1 | 23.7 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | | |
| 25 | | | | | | | |
| 24 | 76 | 44 | 9 | 7 | 17 | 52 | |
| 23 | 108 | 77 | 61 | 56 | 62 | 76 | 69 |
| 22 | 131 | 96 | 78 | 89 | 91 | 93 | 101 |
| 21 | 145 | 121 | 93 | 106 | 106 | 120 | 134 |
| 20 | 167 | 150 | 125 | 126 | 133 | 152 | 152 |
| 19 | 192 | 192 | 162 | 163 | 169 | 193 | 185 |
| 18 | 288 | 295 | 275 | 264 | 290 | 283 | 314 |
| 17 | 399 | 394 | 376 | 373 | 388 | 390 | 419 |
| 16 | 463 | 458 | 441 | 443 | 448 | 454 | 466 |
| 15 | 504 | 505 | 489 | 493 | 494 | 494 | 526 |
| 14 | 548 | 552 | 541 | 541 | 536 | 544 | 570 |
| 13 | 586 | 589 | 589 | 585 | 578 | 592 | 613 |
| 12 | 622 | 630 | 640 | 618 | 626 | 628 | 652 |
| 11 | 668 | 667 | 677 | 651 | 668 | 663 | 689 |
| 10 | 714 | 716 | 718 | 703 | 706 | 705 | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS24-86

| XBT NO. | 68 | 69 | 70 | 71 | 72 | 73 | 74 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| DAY (GMT) | 16 | 16 | 16 | 17 | 18 | 18 | 18 |
| TIME (GMT) | 0330 | 0540 | 0758 | 0558 | 0455 | 0955 | 1059 |
| LAT (N) | 25.97 | 26.20 | 26.40 | 26.56 | 26.48 | 26.58 | 26.78 |
| LON (W) | 75.03 | 75.35 | 75.73 | 76.63 | 76.21 | 76.08 | 75.98 |
| SURF T (C) | 23.0 | 22.9 | 23.7 | 23.7 | 23.6 | 22.7 | 22.6 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | | |
| 25 | | | | | | | |
| 24 | | | | | | | |
| 23 | 16 | | 55 | 66 | 64 | | |
| 22 | 69 | 72 | 90 | 102 | 98 | 77 | 84 |
| 21 | 103 | 110 | 122 | 150 | 143 | 110 | 114 |
| 20 | 159 | 154 | 168 | 190 | 187 | 173 | 165 |
| 19 | 197 | 190 | 206 | 238 | 216 | | 206 |
| 18 | 286 | 326 | 324 | 363 | 342 | | 335 |
| 17 | 410 | 427 | 456 | | 450 | | 456 |
| 16 | 460 | 495 | 515 | | 515 | | 520 |
| 15 | 524 | 544 | 562 | | 558 | | 614 |
| 14 | 581 | 581 | 609 | | 608 | | 694 |
| 13 | 624 | 630 | 645 | | 667 | | |
| 12 | 673 | 674 | 697 | | 714 | | |
| 11 | 705 | | 742 | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS24-86

| XBT NO. | 75 | 76 | 77 | 78 | 79 | 80 | 82 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| DAY (GMT) | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| TIME (GMT) | 1158 | 1257 | 1356 | 1456 | 1948 | 2053 | 2209 |
| LAT (N) | 26.98 | 27.18 | 27.38 | 27.60 | 27.97 | 28.18 | 28.40 |
| LON (W) | 75.88 | 75.77 | 75.68 | 75.57 | 75.38 | 75.11 | 75.14 |
| SURF T (C) | 22.6 | 22.9 | 23.0 | 22.9 | 22.9 | 22.8 | 21.2 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | | |
| 25 | | | | | | | |
| 24 | | | | | | | |
| 23 | | | 8 | | | | |
| 22 | 80 | 80 | 71 | 63 | 80 | 58 | |
| 21 | 118 | 113 | 109 | 111 | 122 | 106 | 42 |
| 20 | 172 | 181 | 175 | 168 | 191 | 156 | 71 |
| 19 | 214 | 227 | 205 | 211 | 232 | 219 | 160 |
| 18 | 348 | 351 | 340 | 348 | 358 | 330 | 319 |
| 17 | 463 | 462 | 462 | 445 | 464 | 462 | 463 |
| 16 | 518 | 524 | 536 | 523 | 522 | 534 | 525 |
| 15 | 562 | 570 | 585 | 558 | 587 | 581 | 584 |
| 14 | 612 | 613 | 624 | 617 | 644 | 623 | 624 |
| 13 | 652 | 662 | 671 | 663 | 682 | 667 | 659 |
| 12 | 703 | 697 | 720 | 710 | 724 | 708 | 713 |
| 11 | | | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS24-86

| XBT NO. | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| DAY (GMT) | 18 | 18 | 19 | 19 | 19 | 19 | 19 |
| TIME (GMT) | 2252 | 2339 | 0041 | 0607 | 1218 | 1715 | 2055 |
| LAT (N) | 28.56 | 28.74 | 28.93 | 29.05 | 28.98 | 29.01 | 29.02 |
| LON (W) | 75.09 | 75.01 | 74.90 | 75.15 | 75.80 | 76.47 | 76.78 |
| SURF T (C) | 21.4 | 21.4 | 22.0 | 22.5 | 21.6 | 21.7 | 21.9 |
| 28 | | | | | | | |
| 27 | | | | | | | |
| 26 | | | | | | | |
| 25 | | | | | | | |
| 24 | | | | | | | |
| 23 | | | | | | | |
| 22 | | | | 31 | | | |
| 21 | 57 | 50 | 69 | 100 | 82 | 105 | 100 |
| 20 | 104 | 108 | 147 | 176 | 162 | 165 | 167 |
| 19 | 184 | 205 | 217 | 253 | 203 | 211 | 208 |
| 18 | 325 | 326 | 358 | 372 | 327 | 342 | 346 |
| 17 | 449 | 460 | 482 | 490 | 463 | 465 | 467 |
| 16 | 528 | 520 | 555 | 568 | 533 | 545 | 542 |
| 15 | 577 | 579 | 598 | 612 | 587 | 587 | 587 |
| 14 | 625 | 618 | 640 | 652 | 625 | 627 | 621 |
| 13 | 670 | 661 | 683 | 687 | 674 | 666 | 664 |
| 12 | 714 | 704 | 717 | 727 | 715 | | 705 |
| 11 | | 742 | | | | | |
| 10 | | | | | | | |
| 9 | | | | | | | |
| 8 | | | | | | | |
| 7 | | | | | | | |
| 6 | | | | | | | |

ISOTHERM DEPTHS (m)

R/V RESEARCHER RES-STAC824-86

| XBT NO. | 90 | 91 | 92 |
|---|---|---|---|
| YEAR | 86 | 86 | 86 |
| MONTH | 4 | 4 | 4 |
| DAY (GMT) | 19 | 20 | 20 |
| TIME (GMT) | 2238 | 0156 | 0556 |
| LAT (N) | 29.02 | 29.01 | 28.99 |
| LON (W) | 77.13 | 77.80 | 78.47 |
| SURF T (C) | 23.0 | 23.0 | 22.8 |
| 28 | | | |
| 27 | | | |
| 26 | | | |
| 25 | | | |
| 24 | | | |
| 23 | 45 | 30 | |
| 22 | 64 | 132 | 115 |
| 21 | 117 | 191 | 152 |
| 20 | 191 | 224 | 180 |
| 19 | 249 | 252 | 210 |
| 18 | 366 | 283 | 260 |
| 17 | 480 | 322 | 330 |
| 16 | 555 | 365 | 379 |
| 15 | 598 | 412 | 425 |
| 14 | 636 | 462 | 484 |
| 13 | 672 | 505 | 510 |
| 12 | | 555 | 542 |
| 11 | | 614 | 601 |
| 10 | | | 643 |
| 9 | | | 687 |
| 8 | | | |
| 7 | | | |
| 6 | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS25-87

| XBT NO. | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| DAY (GMT) | 15 | 16 | 16 | 16 | 16 | 16 | 16 |
| TIME (GMT) | 2355 | 1149 | 1825 | 1845 | 1909 | 1933 | 1948 |
| LAT (N) | 26.38 | 27.02 | 27.00 | 27.00 | 27.00 | 27.00 | 27.00 |
| LON (W) | 79.79 | 79.87 | 79.93 | 79.87 | 79.78 | 79.68 | 79.61 |
| SURF T (C) | 29.2 | 28.7 | 28.8 | 28.8 | 29.1 | 29.0 | 29.1 |
| 28 | 43 | 33 | 22 | 32 | 30 | 40 | 36 |
| 27 | 47 | 37 | 25 | 35 | 34 | 49 | 49 |
| 26 | 59 | 44 | 28 | 40 | 48 | 61 | 64 |
| 25 | 73 | 47 | 35 | 48 | 58 | 76 | 86 |
| 24 | 79 | 51 | 41 | 52 | 68 | 90 | 99 |
| 23 | 82 | 59 | 48 | 59 | 70 | 95 | 112 |
| 22 | 91 | 69 | 52 | 69 | 78 | 99 | 128 |
| 21 | 101 | 79 | 55 | 78 | 95 | 107 | 146 |
| 20 | 126 | 105 | 59 | 91 | 114 | 133 | 160 |
| 19 | 145 | 118 | 61 | 112 | 137 | 155 | 175 |
| 18 | 165 | 124 | 63 | 119 | 152 | 174 | 202 |
| 17 | 191 | 131 | 65 | 123 | 169 | 200 | 231 |
| 16 | 225 | 137 | 68 | 127 | 187 | 228 | 257 |
| 15 | 250 | 142 | 74 | 134 | 204 | 255 | 286 |
| 14 | 267 | 148 | 78 | 141 | 219 | 286 | 309 |
| 13 | 283 | 152 | 83 | 147 | 237 | 313 | 337 |
| 12 | 293 | 157 | 90 | 156 | 243 | 329 | 371 |
| 11 | 314 | 161 | 97 | 163 | 250 | 359 | 395 |
| 10 | 331 | 174 | | 176 | 258 | 382 | 422 |
| 9 | 351 | | | 185 | 268 | 397 | 455 |
| 8 | | | | 229 | 338 | 425 | 486 |
| 7 | | | | | 356 | 435 | 525 |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS25-87

| XBT NO. | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| DAY (GMT) | 16 | 16 | 16 | 16 | 16 | 17 | 17 |
| TIME (GMT) | 2005 | 2023 | 2053 | 2109 | 2129 | 0926 | 2136 |
| LAT (N) | 28.00 | 27.00 | 27.00 | 27.02 | 27.00 | 27.04 | 27.02 |
| LON (W) | 79.50 | 79.50 | 79.38 | 79.28 | 79.20 | 79.70 | 79.50 |
| SURF T (C) | 29.0 | 28.7 | 29.0 | 29.0 | 29.0 | 28.9 | 29.0 |
| 28 | 33 | 43 | 36 | 44 | 51 | 40 | 53 |
| 27 | 53 | 57 | 54 | 56 | 61 | 43 | 64 |
| 26 | 71 | 73 | 79 | 78 | 69 | 54 | 88 |
| 25 | 93 | 90 | 102 | 93 | 94 | 68 | 103 |
| 24 | 108 | 107 | 117 | 120 | 112 | 77 | 116 |
| 23 | 125 | 129 | 132 | 134 | 131 | 85 | 129 |
| 22 | 135 | 147 | 150 | 151 | 148 | 90 | 147 |
| 21 | 149 | 174 | 164 | 169 | 174 | 101 | 167 |
| 20 | 165 | 194 | 222 | 198 | 202 | 114 | 181 |
| 19 | 180 | 212 | 254 | 252 | 249 | 142 | 202 |
| 18 | 224 | 235 | 286 | 287 | 305 | 165 | 231 |
| 17 | 251 | 259 | 320 | 347 | 378 | 186 | 260 |
| 16 | 282 | 308 | 362 | 387 | | 224 | 300 |
| 15 | 319 | 331 | 380 | 423 | | 246 | 340 |
| 14 | 331 | 352 | 413 | 450 | | 262 | 356 |
| 13 | 356 | 373 | 450 | 497 | | 271 | 381 |
| 12 | 383 | 408 | 463 | | | 278 | 413 |
| 11 | 409 | 440 | 497 | | | 295 | 446 |
| 10 | 447 | 480 | 537 | | | | |
| 9 | 496 | 524 | | | | 316 | |
| 8 | 538 | 580 | | | | 327 | |
| 7 | 603 | 645 | | | | 382 | |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS25-87

| XBT NO. | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| DAY (GMT) | 18 | 18 | 19 | 19 | 20 | 20 | 21 |
| TIME (GMT) | 0948 | 2143 | 0957 | 2153 | 0933 | 2145 | 0920 |
| LAT (N) | 28.55 | 29.01 | 29.01 | 28.98 | 28.98 | 28.03 | 27.20 |
| LON (W) | 79.86 | 79.09 | 77.60 | 76.19 | 75.03 | 75.52 | 75.72 |
| SURF T (C) | 29.1 | 29.8 | 29.1 | 28.9 | 28.6 | 29.1 | 28.5 |
| 28 | 43 | 35 | 24 | 42 | 25 | 34 | 26 |
| 27 | 51 | 44 | 36 | 46 | 32 | 45 | 30 |
| 26 | 64 | 70 | 52 | 51 | 34 | 59 | 38 |
| 25 | 80 | 101 | 70 | 60 | 37 | 73 | 50 |
| 24 | 92 | 117 | 83 | 72 | 42 | 87 | 80 |
| 23 | 97 | 128 | 103 | 87 | 51 | 101 | 123 |
| 22 | 103 | 141 | 126 | 109 | 62 | 122 | 156 |
| 21 | 114 | 161 | 159 | 136 | 82 | 156 | 181 |
| 20 | 133 | 201 | 199 | 177 | 115 | 198 | 221 |
| 19 | 156 | 249 | 240 | 260 | 192 | 257 | 280 |
| 18 | 175 | 348 | 357 | 396 | 334 | 392 | 406 |
| 17 | 187 | 439 | 470 | | 443 | | |
| 16 | 195 | 484 | | | | | |
| 15 | 204 | | | | | | |
| 14 | 225 | | | | | | |
| 13 | 248 | | | | | | |
| 12 | 259 | | | | | | |
| 11 | 274 | | | | | | |
| 10 | 293 | | | | | | |
| 9 | 312 | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS25-87

| XBT NO. | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| DAY (GMT) | 21 | 22 | 22 | 23 | 24 | 24 | 24 |
| TIME (GMT) | 2153 | 0933 | 2133 | 1748 | 0537 | 1754 | 1906 |
| LAT (N) | 26.48 | 26.53 | 26.55 | 26.53 | 26.61 | 26.30 | 26.20 |
| LON (W) | 76.13 | 76.52 | 76.84 | 76.52 | 76.63 | 76.18 | 75.98 |
| SURF T (C) | 28.9 | 28.8 | 29.3 | 29.0 | 29.0 | 29.0 | 29.0 |
| 28 | 29 | 41 | 40 | 36 | 38 | 27 | 33 |
| 27 | 34 | 43 | 50 | 38 | 41 | 33 | 36 |
| 26 | 41 | 47 | 66 | 42 | 49 | 41 | 40 |
| 25 | 53 | 51 | 84 | 46 | 59 | 62 | 61 |
| 24 | 71 | 61 | 102 | 62 | 75 | 82 | 81 |
| 23 | 93 | 79 | 124 | 80 | 91 | 114 | 102 |
| 22 | 120 | 105 | 158 | 108 | 112 | 152 | 136 |
| 21 | 162 | 147 | 191 | 144 | 153 | 186 | 170 |
| 20 | 193 | 177 | 215 | 176 | 189 | 229 | 217 |
| 19 | 237 | 224 | 238 | 210 | 229 | 278 | 264 |
| 18 | 363 | 325 | 332 | 317 | 332 | 369 | 358 |
| 17 | 469 | 442 | 431 | 431 | 459 | 450 | 453 |
| 16 | | | | | | | 521 |
| 15 | | | | | | | 573 |
| 14 | | | | | | | 610 |
| 13 | | | | | | | 653 |
| 12 | | | | | | | 695 |
| 11 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS25-87

| XBT NO. | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| DAY (GMT) | 24 | 24 | 25 | 25 | 25 | 25 | 25 |
| TIME (GMT) | 2053 | 2253 | 0045 | 0243 | 0446 | 0906 | 1038 |
| LAT (N) | 26.05 | 25.81 | 25.59 | 25.38 | 25.17 | 24.76 | 24.57 |
| LON (W) | 75.57 | 75.17 | 74.76 | 74.31 | 73.90 | 73.53 | 72.62 |
| SURF T (C) | 29.3 | 29.4 | 29.1 | 29.1 | 28.9 | 28.7 | 28.4 |
| 28 | 24 | 26 | 27 | 25 | 25 | 24 | 30 |
| 27 | 31 | 28 | 29 | 28 | 28 | 28 | 33 |
| 26 | 37 | 36 | 38 | 38 | 38 | 37 | 39 |
| 25 | 50 | 46 | 49 | 54 | 49 | 47 | 52 |
| 24 | 79 | 74 | 72 | 72 | 70 | 64 | 63 |
| 23 | 110 | 110 | 108 | 107 | 98 | 89 | 79 |
| 22 | 150 | 150 | 146 | 139 | 122 | 112 | 96 |
| 21 | 182 | 178 | 173 | 167 | 155 | 133 | 123 |
| 20 | 215 | 228 | 207 | 196 | 178 | 157 | 155 |
| 19 | 248 | 264 | 245 | 230 | 212 | 227 | 200 |
| 18 | 376 | 378 | 369 | 352 | | 330 | 308 |
| 17 | 485 | 478 | 489 | 464 | | 427 | 411 |
| 16 | 549 | 541 | 547 | 525 | | 489 | 472 |
| 15 | 589 | 593 | 598 | 573 | | 539 | 523 |
| 14 | 642 | 633 | 646 | 622 | | 578 | 563 |
| 13 | 687 | 676 | 687 | 668 | | 625 | 609 |
| 12 | 726 | 719 | 727 | 712 | | 676 | 661 |
| 11 | | | | 757 | | 720 | 703 |
| 10 | | | | | | | 754 |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS25-87

| XBT NO. | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| DAY (GMT) | 25 | 26 | 26 | 26 | 27 | 27 | 28 |
| TIME (GMT) | 1246 | 1228 | 1306 | 1609 | 0347 | 1606 | 1605 |
| LAT (N) | 24.38 | 23.37 | 23.37 | 23.37 | 23.01 | 22.70 | 20.72 |
| LON (W) | 72.20 | 72.39 | 72.39 | 72.39 | 72.55 | 72.66 | 73.13 |
| SURF T (C) | 28.5 | 28.5 | 28.3 | 28.5 | 28.3 | 28.3 | 28.1 |
| 28 | 24 | 39 | 38 | 39 | 45 | 39 | 38 |
| 27 | 27 | 46 | 44 | 46 | 51 | 48 | 66 |
| 26 | 31 | 54 | 53 | 53 | 72 | 72 | 91 |
| 25 | 39 | 77 | 74 | 77 | 98 | 95 | 126 |
| 24 | 64 | 102 | 101 | 100 | 136 | 125 | 149 |
| 23 | 88 | | 129 | 125 | 175 | 163 | 179 |
| 22 | 110 | | 162 | 151 | 196 | 189 | 206 |
| 21 | 137 | | 185 | 173 | 221 | 216 | 229 |
| 20 | 167 | | 214 | 202 | 246 | 252 | 254 |
| 19 | 210 | | 252 | 242 | 283 | 289 | 279 |
| 18 | 310 | | 336 | 319 | 358 | 349 | 335 |
| 17 | 407 | | 417 | 396 | 432 | 436 | 373 |
| 16 | 467 | | 475 | 454 | 486 | 480 | 420 |
| 15 | 512 | | | | | | |
| 14 | 556 | | | | | | |
| 13 | 595 | | | | | | |
| 12 | 642 | | | | | | |
| 11 | 688 | | | | | | |
| 10 | 720 | | | | | | |
| 9 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS25-87

| XBT NO. | 43 | 44 | 45 | 46 | 47 | 48 | 49 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 7 | 7 | 7 | 7 | 7 | 7 | 8 |
| DAY (GMT) | 29 | 29 | 30 | 30 | 31 | 31 | 1 |
| TIME (GMT) | 0347 | 1603 | 0351 | 1600 | 0413 | 1608 | 0413 |
| LAT (N) | 20.33 | 20.14 | 20.14 | 20.59 | 20.76 | 19.83 | 19.34 |
| LON (W) | 73.03 | 72.98 | 70.30 | 67.59 | 66.20 | 66.12 | 66.12 |
| SURF T (C) | 28.1 | 28.6 | 28.1 | 28.2 | 28.2 | 28.2 | 28.1 |
| 28 | 59 | 55 | 52 | 35 | 44 | 43 | 40 |
| 27 | 72 | 79 | 81 | 57 | 56 | 58 | 60 |
| 26 | 86 | 98 | 92 | 72 | 77 | 80 | 86 |
| 25 | 128 | 119 | 121 | 106 | 113 | 116 | 119 |
| 24 | 161 | 158 | 144 | 137 | 143 | 138 | 144 |
| 23 | 191 | 184 | 159 | 156 | 161 | 162 | 163 |
| 22 | 213 | 223 | 189 | 178 | 180 | 182 | 184 |
| 21 | 232 | 227 | 206 | 194 | 205 | 201 | 197 |
| 20 | 248 | 243 | 233 | 206 | 223 | 220 | 215 |
| 19 | 262 | 277 | 260 | 232 | 252 | 248 | 247 |
| 18 | 273 | 305 | 333 | 278 | 328 | 314 | 310 |
| 17 | 293 | 337 | 401 | 337 | 383 | 375 | 366 |
| 16 | 320 | 381 | | 399 | 435 | 415 | 414 |
| 15 | 367 | 418 | | 442 | 482 | 451 | 464 |
| 14 | 438 | | | | | | |
| 13 | 484 | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
| 10 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS25-87

| XBT NO. | 50 | 51 | 52 | 53 | 54 | 55 | 56 |
|---|---|---|---|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 | 1986 |
| MONTH | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| DAY (GMT) | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| TIME (GMT) | 1608 | 0411 | 1608 | 0521 | 1721 | 0501 | 1717 |
| LAT (N) | 18.94 | 18.67 | 20.17 | 19.34 | 18.49 | 17.15 | 16.37 |
| LON (W) | 66.11 | 66.11 | 66.12 | 55.13 | 66.10 | 63.87 | 63.54 |
| SURF T (C) | 28.1 | 28.1 | 28.0 | 28.2 | 27.7 | 28.2 | 28.1 |
| 28 | 44 | 47 | 48 | 48 | | 60 | 21 |
| 27 | 70 | 69 | 61 | 65 | 57 | 76 | 63 |
| 26 | 93 | 87 | 76 | 88 | 69 | 94 | 79 |
| 25 | 110 | 110 | 113 | 119 | | 120 | 117 |
| 24 | 131 | 128 | 134 | 145 | | 136 | 139 |
| 23 | 155 | 151 | 160 | 165 | | 167 | 159 |
| 22 | 176 | 170 | 174 | 186 | | 178 | 181 |
| 21 | 188 | 188 | 189 | 199 | | 202 | 208 |
| 20 | 204 | 206 | 213 | 218 | | 229 | 220 |
| 19 | 234 | 241 | 242 | 242 | | 257 | 238 |
| 18 | 315 | 276 | 300 | 325 | | 280 | 274 |
| 17 | 384 | 341 | 375 | 375 | | 309 | 298 |
| 16 | | 387 | 420 | 418 | | 340 | 325 |
| 15 | | 422 | 462 | | | 371 | 348 |
| 14 | | | | | | 410 | 382 |
| 13 | | | | | | | |
| 12 | | | | | | | |
| 11 | | | | | | | |
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ISOTHERM DEPTHS (m)

R/V RESEARCHER RES-STACS25-87

| XBT NO. | 57 | 58 | 59 |
|---|---|---|---|
| YEAR | 1986 | 1986 | 1986 |
| MONTH | 8 | 8 | 8 |
| DAY (GMT) | 5 | 5 | 6 |
| TIME (GMT) | 0524 | 1717 | 0536 |
| LAT (N) | 16.11 | 14.34 | 13.48 |
| LON (W) | 64.48 | 63.57 | 63.56 |
| SURF T (C) | 27.9 | 28.0 | 27.8 |
| 28 | | 4 | |
| 27 | 85 | 66 | 65 |
| 26 | 113 | 83 | 83 |
| 25 | 140 | 119 | 106 |
| 24 | 164 | 129 | 110 |
| 23 | 177 | 139 | 124 |
| 22 | 188 | 149 | 139 |
| 21 | 196 | 164 | 146 |
| 20 | 201 | 176 | 153 |
| 19 | 221 | 191 | 175 |
| 18 | 279 | 201 | 201 |
| 17 | 293 | 227 | 222 |
| 16 | 313 | 250 | 240 |
| 15 | 336 | 269 | 255 |
| 14 | 365 | 280 | 292 |
| 13 | 386 | 302 | 324 |
| 12 | 431 | 327 | 340 |
| 11 | 471 | 387 | 377 |
| 10 | | | 416 |
| 9 | | | |
| 8 | | | |
| 7 | | | |
| 6 | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS26-86

| XBT NO. | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| DAY (GMT) | 23 | 24 | 24 | 24 | 24 | 24 | 24 |
| TIME (GMT) | 1654 | 0448 | 1653 | 1812 | 1839 | 1859 | 1930 |
| LAT (N) | 25.83 | 27.04 | 27.01 | 27.00 | 27.00 | 27.00 | 27.00 |
| LON (W) | 79.83 | 79.69 | 79.19 | 79.17 | 79.28 | 79.37 | 79.50 |
| SURF T (C) | 27.9 | 27.7 | 27.8 | 27.9 | 27.6 | 27.8 | 28.0 |
| 28 | | | | | | | 84 |
| 27 | 122 | 97 | 87 | 67 | 85 | 96 | 94 |
| 26 | 145 | 115 | 116 | 103 | 114 | 110 | 120 |
| 25 | 156 | 133 | 130 | 115 | 126 | 120 | 135 |
| 24 | 160 | 156 | 143 | 133 | 138 | 133 | 148 |
| 23 | 166 | 168 | 159 | 145 | 151 | 144 | 155 |
| 22 | 171 | 189 | | 171 | 163 | 151 | 165 |
| 21 | 177 | 196 | | 188 | 176 | 193 | 175 |
| 20 | 181 | 202 | | 208 | 243 | 226 | 211 |
| 19 | 186 | 211 | | 245 | 266 | 242 | 229 |
| 18 | 197 | 232 | | 322 | 304 | 287 | 270 |
| 17 | 202 | 267 | | 383 | 375 | 389 | 304 |
| 16 | 206 | 290 | | | 426 | 435 | 365 |
| 15 | 211 | 299 | | | 465 | 451 | 387 |
| 14 | 221 | 310 | | | 494 | 493 | 404 |
| 13 | 237 | 336 | | | 521 | 517 | 411 |
| 12 | 249 | 354 | | | | 535 | 418 |
| 11 | 286 | 381 | | | | 542 | 465 |
| 10 | 301 | 424 | | | | | 543 |
| 9 | 318 | 454 | | | | | 574 |
| 8 | 343 | | | | | | 656 |
| 7 | | | | | | | |
| 6 | | | | | | | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS26-86

| XBT NO. | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| DAY (GMT) | 24 | 24 | 24 | 24 | 24 | 25 | 25 |
| TIME (GMT) | 2111 | 2129 | 2151 | 2211 | 2229 | 1018 | 2224 |
| LAT (N) | 27.00 | 27.00 | 27.00 | 27.00 | 27.00 | 27.00 | 27.06 |
| LON (W) | 79.62 | 79.68 | 79.78 | 79.87 | 79.93 | 79.28 | 77.50 |
| SURF T (C) | 27.9 | 27.7 | 27.8 | 27.9 | 27.9 | 27.6 | 27.4 |
| 28 | | | | | | | |
| 27 | 86 | 101 | 110 | 95 | 81 | 97 | 39 |
| 26 | 105 | 116 | 124 | 99 | 84 | 114 | 94 |
| 25 | 132 | 138 | 125 | 101 | 87 | 134 | 110 |
| 24 | 143 | 146 | 128 | 103 | 91 | 146 | 133 |
| 23 | 161 | 154 | 133 | 106 | 96 | 154 | 154 |
| 22 | 172 | 168 | 136 | 108 | 101 | 167 | 172 |
| 21 | 188 | 180 | 140 | 111 | 106 | 194 | 187 |
| 20 | 200 | 186 | 148 | 116 | 110 | 218 | 213 |
| 19 | 211 | 196 | 151 | 126 | 112 | 259 | 269 |
| 18 | 226 | 204 | 154 | 132 | 114 | 337 | 393 |
| 17 | 250 | 217 | 163 | 137 | 121 | 433 | |
| 16 | 284 | 254 | 167 | 154 | 126 | 463 | |
| 15 | 314 | 278 | 177 | 159 | 130 | 481 | |
| 14 | 329 | 288 | 204 | 165 | 133 | | |
| 13 | 346 | 299 | 220 | 193 | 137 | | |
| 12 | 371 | 319 | 246 | 215 | | | |
| 11 | 394 | 339 | 267 | 241 | | | |
| 10 | 416 | 350 | 282 | | | | |
| 9 | 478 | 397 | 318 | | | | |
| 8 | 522 | 454 | 333 | | | | |
| 7 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS26-86

| XBT NO. | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| DAY (GMT) | 26 | 26 | 27 | 27 | 28 | 29 | 29 |
| TIME (GMT) | 1007 | 1544 | 0331 | 1553 | 1553 | 0407 | 1553 |
| LAT (N) | 26.54 | 26.78 | 26.58 | 26.57 | 26.52 | 25.98 | 24.51 |
| LON (W) | 76.77 | 76.71 | 76.63 | 76.64 | 75.93 | 74.67 | 71.34 |
| SURF T (C) | 27.4 | 27.1 | 26.9 | 26.9 | 27.3 | 27.5 | 27.6 |
| 28 | | | | | | | |
| 27 | 74 | 78 | 17 | | 47 | 91 | 72 |
| 26 | 80 | 82 | 69 | 71 | 52 | 99 | 83 |
| 25 | 97 | 84 | 71 | 75 | 61 | 118 | 107 |
| 24 | 112 | 95 | 82 | 87 | 72 | 136 | 136 |
| 23 | 125 | 109 | 95 | 101 | 99 | 149 | 167 |
| 22 | 150 | 128 | 115 | 120 | 117 | 174 | 192 |
| 21 | 175 | 155 | 143 | 139 | 140 | 201 | 220 |
| 20 | 212 | 193 | 171 | 171 | 187 | 230 | 241 |
| 19 | 265 | 237 | 243 | 247 | 243 | 275 | 279 |
| 18 | 385 | 347 | 376 | 372 | 369 | 377 | 387 |
| 17 | 478 | 450 | 480 | 466 | | 462 | 477 |
| 16 | | 497 | | | | | |
| 15 | | 546 | | | | | |
| 14 | | 587 | | | | | |
| 13 | | 617 | | | | | |
| 12 | | 641 | | | | | |
| 11 | | 684 | | | | | |
| 10 | | 734 | | | | | |
| 9 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS26-86

| XBT NO. | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| DAY (GMT) | 30 | 30 | 31 | 31 | 31 | 31 | 31 |
| TIME (GMT) | 0343 | 1553 | 0348 | 0655 | 0853 | 1051 | 1256 |
| LAT (N) | 23.85 | 23.08 | 22.50 | 22.44 | 22.36 | 22.28 | 22.19 |
| LON (W) | 72.20 | 72.50 | 72.73 | 72.63 | 72.18 | 71.74 | 71.29 |
| SURF T (C) | 27.5 | 28.0 | 28.2 | 28.2 | 28.0 | 28.0 | 28.2 |
| 28 | | 71 | 59 | 62 | 74 | 9 | 64 |
| 27 | 73 | 74 | 62 | 64 | 77 | 68 | 67 |
| 26 | 77 | 84 | 75 | 71 | 83 | 81 | 75 |
| 25 | 92 | 110 | 101 | 89 | 98 | 103 | 94 |
| 24 | 116 | 136 | 124 | 112 | 124 | 121 | 102 |
| 23 | 139 | 167 | 146 | 136 | 147 | 142 | 128 |
| 22 | 165 | 196 | 171 | 158 | 170 | 172 | 156 |
| 21 | 194 | 219 | 195 | 183 | 192 | 199 | 185 |
| 20 | 217 | 248 | 221 | 207 | 218 | 228 | 207 |
| 19 | 258 | 276 | 257 | 239 | 247 | 265 | 246 |
| 18 | 350 | 374 | 339 | 307 | 325 | 315 | 317 |
| 17 | 442 | 456 | 422 | 386 | 398 | 391 | 397 |
| 16 | | | 485 | 437 | 452 | 442 | 455 |
| 15 | | | | 486 | 496 | 488 | 496 |
| 14 | | | | 524 | 527 | 522 | 543 |
| 13 | | | | 564 | 576 | 562 | 579 |
| 12 | | | | 603 | 624 | 599 | 632 |
| 11 | | | | 643 | 662 | 641 | 662 |
| 10 | | | | 702 | 697 | 676 | 687 |
| 9 | | | | 748 | 744 | 735 | 714 |
| 8 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS26-86

| XBT NO. | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 10 | 10 | 10 | 10 | 10 | 11 | 11 |
| DAY (GMT) | 31 | 31 | 31 | 31 | 31 | 1 | 1 |
| TIME (GMT) | 1457 | 1653 | 1906 | 2053 | 2253 | 0047 | 0236 |
| LAT (N) | 22.10 | 22.01 | 21.92 | 21.85 | 21.76 | 21.64 | 21.55 |
| LON (W) | 70.82 | 70.35 | 69.95 | 69.47 | 69.02 | 68.57 | 68.12 |
| SURF T (C) | 28.2 | 28.3 | 28.4 | 28.0 | 28.0 | 28.1 | 27.8 |
| 28 | 54 | 58 | 52 | 59 | 64 | 72 | 69 |
| 27 | 58 | 63 | 58 | 68 | 67 | 74 | 72 |
| 26 | 66 | 75 | 68 | 80 | 77 | 80 | 83 |
| 25 | 78 | 92 | 85 | 90 | 92 | 93 | 95 |
| 24 | 107 | 107 | 106 | 101 | 118 | 115 | 116 |
| 23 | 127 | 135 | 132 | 117 | 145 | 146 | 138 |
| 22 | 167 | 166 | 151 | 165 | 171 | 161 | 159 |
| 21 | 180 | 186 | 169 | 175 | 191 | 180 | 176 |
| 20 | 197 | 214 | 213 | 184 | 207 | 195 | 199 |
| 19 | 225 | 235 | 243 | 200 | 246 | 226 | 225 |
| 18 | 311 | 308 | 308 | 354 | 326 | 319 | 303 |
| 17 | 404 | 365 | 384 | 418 | 386 | 392 | 392 |
| 16 | 457 | 402 | 447 | 475 | 431 | 439 | 443 |
| 15 | 500 | 448 | 495 | 499 | 482 | 486 | 489 |
| 14 | 547 | 494 | 545 | 534 | 522 | 523 | 539 |
| 13 | 592 | 557 | 591 | 596 | 577 | 571 | 585 |
| 12 | 633 | 589 | 641 | 632 | 627 | 637 | 621 |
| 11 | 692 | 640 | 708 | 701 | 669 | 684 | 676 |
| 10 | 739 | 674 | 738 | 753 | | 719 | |
| 9 | | 747 | | | | | |
| 8 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS26-86

| XBT NO. | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| DAY (GMT) | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| TIME (GMT) | 0444 | 0640 | 0850 | 1049 | 1252 | 1452 | 0241 |
| LAT (N) | 21.48 | 21.40 | 21.32 | 21.21 | 21.16 | 21.17 | 20.33 |
| LON (W) | 67.67 | 67.23 | 66.77 | 66.33 | 66.12 | 66.11 | 66.12 |
| SURF T (C) | 27.9 | 27.8 | 28.0 | 28.0 | 28.0 | 28.0 | 28.1 |
| 28 | 61 | 61 | 61 | 57 | 60 | 63 | 55 |
| 27 | 65 | 63 | 64 | 63 | 64 | 68 | 74 |
| 26 | 73 | 71 | 69 | 69 | 70 | 75 | 85 |
| 25 | 89 | 85 | 82 | 77 | 85 | 88 | 93 |
| 24 | 103 | 104 | 102 | 93 | 99 | 105 | 111 |
| 23 | 126 | 123 | 121 | 121 | 115 | 125 | 133 |
| 22 | 143 | 146 | 144 | 139 | 141 | 145 | 158 |
| 21 | 166 | 165 | 158 | 156 | 155 | 158 | 180 |
| 20 | 193 | 185 | 185 | 173 | 180 | 180 | 205 |
| 19 | 229 | 223 | 213 | 208 | 208 | 208 | 222 |
| 18 | 306 | 306 | 280 | 278 | 283 | 275 | 281 |
| 17 | 372 | 369 | 365 | 356 | 366 | 357 | 344 |
| 16 | 413 | 430 | 417 | 408 | 418 | 411 | 400 |
| 15 | 470 | 468 | 461 | 456 | 450 | 442 | 447 |
| 14 | 525 | 514 | 514 | 494 | 503 | 504 | |
| 13 | 566 | 558 | 545 | 548 | 546 | 544 | |
| 12 | 608 | 611 | 593 | 590 | 587 | 582 | |
| 11 | 659 | 662 | 648 | | 635 | 634 | |
| 10 | 696 | 718 | 700 | | 681 | 679 | |
| 9 | 746 | | 754 | | 733 | 736 | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS26-86

| XBT NO. | 43 | 44 | 45 | 46 | 47 | 48 | 49 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| DAY (GMT) | 2 | 3 | 3 | 4 | 4 | 5 | 5 |
| TIME (GMT) | 1456 | 0302 | 1451 | 0246 | 1455 | 0253 | 0555 |
| LAT (N) | 19.65 | 18.90 | 18.13 | 17.80 | 18.11 | 18.82 | 18.53 |
| LON (W) | 65.96 | 66.11 | 64.61 | 62.06 | 61.25 | 60.52 | 60.33 |
| SURF T (C) | 28.1 | 28.1 | 28.4 | 28.4 | 28.1 | 28.0 | 27.9 |
| 28 | 63 | 69 | 54 | 80 | 43 | 58 | 54 |
| 27 | 67 | 71 | 69 | 89 | 50 | 68 | 65 |
| 26 | 81 | 79 | 85 | 99 | 69 | 80 | 72 |
| 25 | 97 | 95 | 106 | 116 | 84 | 103 | 89 |
| 24 | 120 | 113 | 130 | 137 | 143 | 130 | 107 |
| 23 | 150 | 141 | 164 | 169 | 198 | 159 | 139 |
| 22 | 168 | 160 | 189 | 178 | 214 | 180 | 158 |
| 21 | 195 | 191 | 211 | 203 | 226 | 198 | 176 |
| 20 | 222 | 212 | 232 | 224 | 242 | 217 | 197 |
| 19 | 239 | 247 | 259 | 247 | 260 | 235 | 212 |
| 18 | 280 | 286 | 308 | 281 | 275 | 270 | 243 |
| 17 | 349 | 350 | 351 | | 297 | 314 | 293 |
| 16 | 387 | 393 | 397 | | 341 | 352 | 329 |
| 15 | 424 | 443 | 427 | | 394 | 387 | 356 |
| 14 | 472 | | 481 | | 425 | 416 | 391 |
| 13 | | | | | 440 | 455 | 430 |
| 12 | | | | | 481 | | 461 |
| 11 | | | | | | | 491 |
| 10 | | | | | | | 540 |
| 9 | | | | | | | 580 |
| 8 | | | | | | | 615 |
| 7 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS26-86

| XBT NO. | 50 | 51 | 52 | 53 | 54 | 55 | 56 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| DAY (GMT) | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| TIME (GMT) | 0747 | 0953 | 1151 | 1350 | 1554 | 1753 | 1953 |
| LAT (N) | 18.11 | 17.73 | 17.36 | 17.01 | 16.65 | 16.33 | 15.98 |
| LON (W) | 60.10 | 59.95 | 59.60 | 59.37 | 59.15 | 58.92 | 58.72 |
| SURF T (C) | 27.9 | 28.0 | 27.9 | 28.2 | 28.2 | 28.2 | 28.4 |
| 28 | 57 | 50 | 58 | 45 | 60 | 51 | 56 |
| 27 | 64 | 60 | 65 | 55 | 70 | 59 | 65 |
| 26 | 71 | 69 | 86 | 77 | 85 | 72 | 77 |
| 25 | 91 | 83 | 100 | 91 | 99 | 95 | 102 |
| 24 | 118 | 112 | 124 | 120 | 123 | 114 | 126 |
| 23 | 156 | 138 | 144 | 149 | 147 | 147 | 142 |
| 22 | 168 | 157 | 164 | 167 | 168 | 171 | 166 |
| 21 | 179 | 177 | 180 | 185 | 187 | 188 | 185 |
| 20 | 198 | 197 | 204 | 211 | 205 | 208 | 202 |
| 19 | 222 | 219 | 225 | 230 | 225 | 225 | 228 |
| 18 | 244 | 248 | 255 | 254 | 246 | 242 | 249 |
| 17 | 285 | 276 | 296 | 292 | 277 | 270 | 274 |
| 16 | 321 | 327 | 340 | 323 | 314 | 304 | 307 |
| 15 | 368 | 354 | 369 | 357 | 356 | 346 | 344 |
| 14 | 432 | 401 | 410 | 399 | 396 | 366 | 374 |
| 13 | 466 | 444 | 439 | 443 | 420 | 406 | 404 |
| 12 | 520 | 490 | 486 | 473 | 472 | 448 | 447 |
| 11 | 578 | 517 | 532 | 513 | 497 | 481 | 464 |
| 10 | 621 | 557 | 576 | 555 | 536 | 506 | 496 |
| 9 | 668 | 605 | 619 | 595 | 594 | 520 | 559 |
| 8 | 719 | 650 | | 647 | 628 | | 606 |
| 7 | | | | 728 | 703 | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS26-86

| XBT NO. | 57 | 58 | 59 | 60 | 61 | 62 | 63 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| DAY (GMT) | 5 | 5 | 6 | 6 | 6 | 6 | 6 |
| TIME (GMT) | 2153 | 2352 | 0137 | 0345 | 0550 | 0751 | 0948 |
| LAT (N) | 15.60 | 15.27 | 14.89 | 14.53 | 14.13 | 13.72 | 13.35 |
| LON (W) | 58.48 | 58.28 | 58.04 | 57.82 | 57.57 | 57.33 | 57.10 |
| SURF T (C) | 28.3 | 28.5 | 28.0 | 28.1 | 28.1 | 28.1 | 28.2 |
| 28 | 45 | 59 | 44 | 44 | 42 | 51 | 61 |
| 27 | 53 | 77 | 60 | 57 | 57 | 65 | 74 |
| 26 | 60 | 104 | 75 | 73 | 71 | 80 | 84 |
| 25 | 89 | 136 | 101 | 89 | 89 | 92 | 107 |
| 24 | 133 | 159 | 123 | 104 | 113 | 118 | 129 |
| 23 | 154 | 185 | 142 | 122 | 134 | 133 | 151 |
| 22 | 193 | 198 | 155 | 144 | 152 | 151 | 169 |
| 21 | 205 | 217 | 175 | 167 | 164 | 167 | 179 |
| 20 | 216 | 234 | 188 | 177 | 179 | 187 | 199 |
| 19 | 228 | 258 | 203 | 192 | 201 | 202 | 212 |
| 18 | 243 | 280 | 226 | 215 | 224 | 220 | 229 |
| 17 | 264 | 307 | 239 | 227 | 246 | 241 | 245 |
| 16 | 284 | 332 | 258 | 239 | 273 | 263 | 263 |
| 15 | 308 | 354 | 283 | 274 | 295 | 288 | 277 |
| 14 | 336 | 388 | 313 | 295 | 319 | 312 | 291 |
| 13 | 355 | 423 | 338 | 320 | 343 | 337 | 323 |
| 12 | 383 | 460 | 366 | 352 | 356 | 373 | 360 |
| 11 | 423 | 524 | 408 | 391 | 385 | 387 | 397 |
| 10 | 464 | | 449 | 426 | 412 | 451 | 420 |
| 9 | 510 | | 521 | 485 | 468 | 499 | 470 |
| 8 | 566 | | 566 | 560 | 523 | 543 | 553 |
| 7 | 668 | | 636 | 638 | 606 | 612 | 631 |
| 6 | | | | | | 683 | |

ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS26-86

| XBT NO. | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| DAY (GMT) | 6 | 7 | 10 | 11 | 11 | 12 | 12 |
| TIME (GMT) | 2153 | 0951 | 1451 | 0242 | 1446 | 0244 | 1450 |
| LAT (N) | 13.01 | 13.00 | 12.97 | 11.83 | 12.74 | 14.15 | 15.50 |
| LON (W) | 57.53 | 58.67 | 59.87 | 62.49 | 63.53 | 63.52 | 63.56 |
| SURF T (C) | 28.4 | 28.2 | 28.2 | 28.1 | 28.3 | 28.2 | 28.2 |
| 28 | 44 | 39 | 54 | 33 | 33 | 47 | 54 |
| 27 | 52 | 53 | 62 | 49 | 48 | 62 | 65 |
| 26 | 73 | 79 | 73 | 61 | 60 | 79 | 78 |
| 25 | 94 | 95 | 100 | 95 | 68 | 98 | 91 |
| 24 | 113 | 110 | 127 | 107 | 77 | 116 | 126 |
| 23 | 134 | 121 | 144 | 111 | 101 | 137 | 139 |
| 22 | 152 | 131 | 155 | 119 | 130 | 157 | 152 |
| 21 | 169 | 145 | 166 | 140 | 157 | 183 | 166 |
| 20 | 185 | 180 | 171 | 161 | 180 | 194 | 176 |
| 19 | 199 | 198 | 187 | 178 | 203 | 209 | 198 |
| 18 | 223 | 214 | 199 | 222 | 218 | 223 | 214 |
| 17 | 238 | 230 | 219 | 226 | 243 | 236 | 240 |
| 16 | 260 | 259 | 249 | 246 | 250 | 254 | 253 |
| 15 | 282 | 281 | 274 | 260 | 273 | 272 | 294 |
| 14 | 302 | 298 | 301 | 270 | 313 | 290 | 343 |
| 13 | 324 | 320 | 331 | 284 | 350 | 321 | 378 |
| 12 | 345 | 338 | 358 | 307 | 379 | 357 | 417 |
| 11 | 389 | 402 | 390 | 347 | 409 | 412 | 448 |
| 10 | 415 | 446 | 421 | 389 | 444 | 462 | |
| 9 | 471 | | 446 | 469 | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS26-86

| XBT NO. | 71 | 72 | 73 | 74 | 75 | 76 | 77 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| DAY (GMT) | 13 | 13 | 14 | 14 | 15 | 15 | 16 |
| TIME (GMT) | 0257 | 1455 | 0258 | 1450 | 0309 | 1451 | 0253 |
| LAT (N) | 16.83 | 17.60 | 19.08 | 20.14 | 20.22 | 20.63 | 22.14 |
| LON (W) | 63.55 | 66.37 | 68.50 | 71.17 | 73.03 | 73.11 | 72.63 |
| SURF T (C) | 28.0 | 28.0 | 27.9 | 27.7 | 27.7 | 27.7 | 27.4 |
| 28 | 50 | 58 | | | | | |
| 27 | 69 | 72 | 69 | 78 | 91 | 93 | 80 |
| 26 | 90 | 82 | 76 | 81 | 103 | 113 | 86 |
| 25 | 128 | 104 | 91 | 95 | 126 | 135 | 106 |
| 24 | 143 | 123 | 128 | 107 | 146 | 158 | 131 |
| 23 | 163 | 136 | 154 | 138 | 174 | 173 | 150 |
| 22 | 185 | 158 | 174 | 152 | 203 | 197 | 177 |
| 21 | 202 | 172 | 188 | 174 | 217 | 217 | 200 |
| 20 | 219 | 207 | 206 | 205 | 233 | 230 | 226 |
| 19 | 236 | 245 | 240 | 239 | 257 | 252 | 266 |
| 18 | 258 | 291 | 300 | 300 | 293 | 300 | 347 |
| 17 | 284 | 331 | 353 | 364 | 356 | 355 | 429 |
| 16 | 308 | 380 | 387 | 402 | 404 | 406 | 479 |
| 15 | 337 | 426 | 435 | 450 | 448 | 447 | |
| 14 | 361 | 458 | 471 | | 471 | | |
| 13 | 387 | | | | | | |
| 12 | 423 | | | | | | |
| 11 | 462 | | | | | | |
| 10 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS26-86

| XBT NO. | 78 | 79 | 80 | 81 | 82 | 83 | 84 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| DAY (GMT) | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| TIME (GMT) | 0437 | 0452 | 0548 | 0642 | 0842 | 0943 | 1050 |
| LAT (N) | 22.43 | 22.43 | 22.67 | 22.90 | 23.30 | 23.52 | 23.72 |
| LON (W) | 72.77 | 72.75 | 72.66 | 72.57 | 72.90 | 72.32 | 72.25 |
| SURF T (C) | 27.3 | 27.4 | 27.4 | 27.1 | 27.0 | 26.9 | 26.9 |
| 28 | | | | | | | |
| 27 | 66 | 68 | 82 | 32 | 60 | | |
| 26 | 73 | 74 | 85 | 73 | 73 | 86 | 80 |
| 25 | 86 | 89 | 93 | 80 | 79 | 89 | 97 |
| 24 | 110 | 106 | 109 | 98 | 94 | 104 | 112 |
| 23 | 135 | 134 | 130 | 116 | 121 | 119 | 128 |
| 22 | 160 | 162 | 155 | 137 | 140 | 145 | 154 |
| 21 | 187 | 183 | 178 | 168 | 171 | 169 | 171 |
| 20 | 208 | 216 | 202 | 195 | 199 | 203 | 191 |
| 19 | 247 | 247 | 245 | 242 | 234 | 234 | 249 |
| 18 | 314 | 323 | 321 | 323 | 317 | 321 | 320 |
| 17 | 404 | 403 | 400 | 404 | 404 | 425 | 420 |
| 16 | 460 | 459 | 458 | 459 | 468 | 488 | 478 |
| 15 | 495 | 497 | 504 | 505 | 508 | 537 | 534 |
| 14 | 540 | 543 | 547 | 544 | 555 | 578 | 581 |
| 13 | 581 | 584 | 604 | 576 | 601 | 608 | 620 |
| 12 | 624 | 622 | 649 | 613 | 638 | 658 | 659 |
| 11 | 673 | 667 | 694 | 661 | 680 | 696 | 703 |
| 10 | 715 | 706 | 734 | 710 | 716 | 735 | 748 |
| 9 | 754 | | | 756 | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS26-86

| XBT NO. | 85 | 86 | 87 | 88 | 89 | 90 | 91 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| DAY (GMT) | 16 | 16 | 16 | 16 | 17 | 17 | 17 |
| TIME (GMT) | 1153 | 1250 | 1852 | 2052 | 0252 | 0434 | 1056 |
| LAT (N) | 23.92 | 24.13 | 24.59 | 24.72 | 25.00 | 25.26 | 25.57 |
| LON (W) | 72.17 | 72.08 | 72.54 | 72.80 | 73.25 | 73.71 | 74.27 |
| SURF T (C) | 27.0 | 27.3 | 27.4 | 27.2 | 27.1 | 27.0 | 27.1 |
| 28 | | | | | | | |
| 27 | 61 | 77 | 79 | 39 | 86 | 23 | 64 |
| 26 | 86 | 82 | 83 | 74 | 92 | 83 | 85 |
| 25 | 97 | 95 | 95 | 103 | 112 | 100 | 103 |
| 24 | 110 | 113 | 130 | 138 | 141 | 122 | 123 |
| 23 | 129 | 138 | 168 | 171 | 162 | 147 | 149 |
| 22 | 148 | 159 | 195 | 210 | 187 | 175 | 175 |
| 21 | 176 | 177 | 216 | 228 | 210 | 197 | 198 |
| 20 | 198 | 195 | 241 | 247 | 237 | 220 | 223 |
| 19 | 247 | 252 | 288 | 281 | 282 | 281 | 262 |
| 18 | 361 | 361 | 362 | 358 | 364 | 366 | 361 |
| 17 | 467 | 464 | 436 | 439 | 461 | 456 | 458 |
| 16 | 519 | 522 | 493 | 497 | 512 | 510 | 523 |
| 15 | 562 | 561 | 540 | 540 | 558 | 551 | 566 |
| 14 | 609 | 605 | 587 | 592 | 601 | 606 | 609 |
| 13 | 652 | 651 | 621 | 629 | 643 | 647 | 656 |
| 12 | 691 | 697 | 662 | 678 | 690 | 696 | 694 |
| 11 | 724 | 739 | 714 | 721 | 733 | 737 | 725 |
| 10 | | | 753 | | | | |
| 9 | | | | | | | |
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ISOTHERM DEPTHS (M)

R/V RESEARCHER RES-STACS26-86

| XBT NO. | 92 | 93 | 94 | 95 | 96 | 97 | 98 |
|---|---|---|---|---|---|---|---|
| YEAR | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| MONTH | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| DAY (GMT) | 17 | 17 | 17 | 18 | 18 | 19 | 19 |
| TIME (GMT) | 1256 | 1852 | 2052 | 0851 | 2052 | 0851 | 2052 |
| LAT (N) | 25.65 | 26.16 | 26.45 | 26.50 | 26.58 | 26.82 | 27.37 |
| LON (W) | 74.57 | 75.29 | 75.75 | 76.38 | 76.63 | 76.73 | 78.32 |
| SURF T (C) | 27.4 | 26.9 | 27.4 | 27.0 | 26.7 | 26.2 | 27.1 |
| 28 | | | | | | | |
| 27 | 72 | | 50 | 0 | | | 18 |
| 26 | 77 | 65 | 55 | 50 | 42 | 43 | 110 |
| 25 | 87 | 67 | 68 | 65 | 68 | 54 | 122 |
| 24 | 103 | 69 | 85 | 82 | 83 | 63 | 139 |
| 23 | 119 | 76 | 108 | 96 | 93 | 85 | 154 |
| 22 | 143 | 85 | 132 | 114 | 116 | 99 | 167 |
| 21 | 166 | 102 | 153 | 144 | 139 | 128 | 193 |
| 20 | 194 | 131 | 183 | 173 | 166 | 167 | 230 |
| 19 | 236 | 185 | 226 | 227 | 223 | 236 | 276 |
| 18 | 340 | 291 | 332 | 345 | 352 | 349 | 393 |
| 17 | 429 | 408 | 429 | 442 | 460 | 469 | 479 |
| 16 | 491 | 470 | 497 | | | | |
| 15 | 532 | 510 | 547 | | | | |
| 14 | 561 | 551 | 594 | | | | |
| 13 | 604 | 591 | 634 | | | | |
| 12 | 644 | 633 | 684 | | | | |
| 11 | 680 | 675 | 724 | | | | |
| 10 | 712 | 717 | | | | | |
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ISOTHERM DEPTHS (m)

R/V RESEARCHER RES-STACS26-86

| XBT NO. | 99 |
|---|---|
| YEAR | 86 |
| MONTH | 11 |
| DAY (GMT) | 20 |
| TIME (GMT) | 0852 |
| LAT (N) | 27.00 |
| LON (W) | 79.58 |
| SURF T (C) | 27.7 |
| 28 | |
| 27 | 114 |
| 26 | 126 |
| 25 | 146 |
| 24 | 161 |
| 23 | 171 |
| 22 | 180 |
| 21 | 185 |
| 20 | 198 |
| 19 | 214 |
| 18 | 237 |
| 17 | 261 |
| 16 | 300 |
| 15 | 327 |
| 14 | 350 |
| 13 | 379 |
| 12 | 415 |
| 11 | 436 |
| 10 | 455 |
| 9 | |
| 8 | |
| 7 | |
| 6 | |