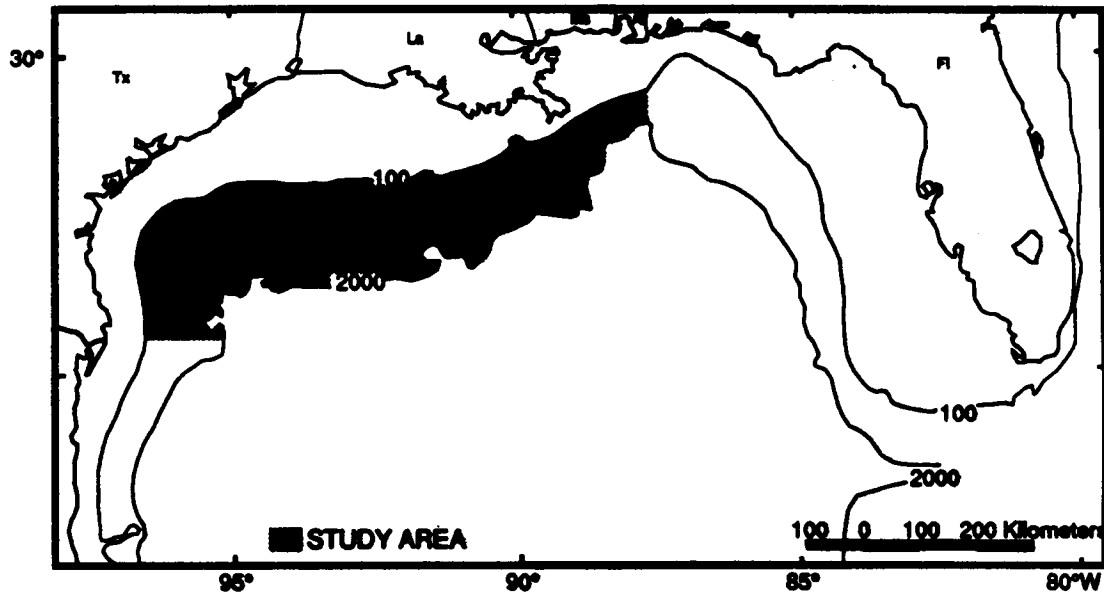


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GULFCET CRUISE 02 HYDROGRAPHIC DATA

XBT, CTD, AND NISKIN BOTTLE DATA FROM 10-25 AUGUST,
1992 CRUISE ON R/V PELICAN



Technical Report 93-02-T of the Department of Marine Biology
Texas A&M University at Galveston, Galveston, Texas 77553

Prepared for the U.S. Minerals Management Service by the Data
Management Office of the GulfCet project, under contract number
14-35-0001-30619

March 1993

Guillermo Soro Fargion

G.S. Fargion,
Technical Editor

Randall Davis

R.W. Davis,
Program Manager, GulfCet

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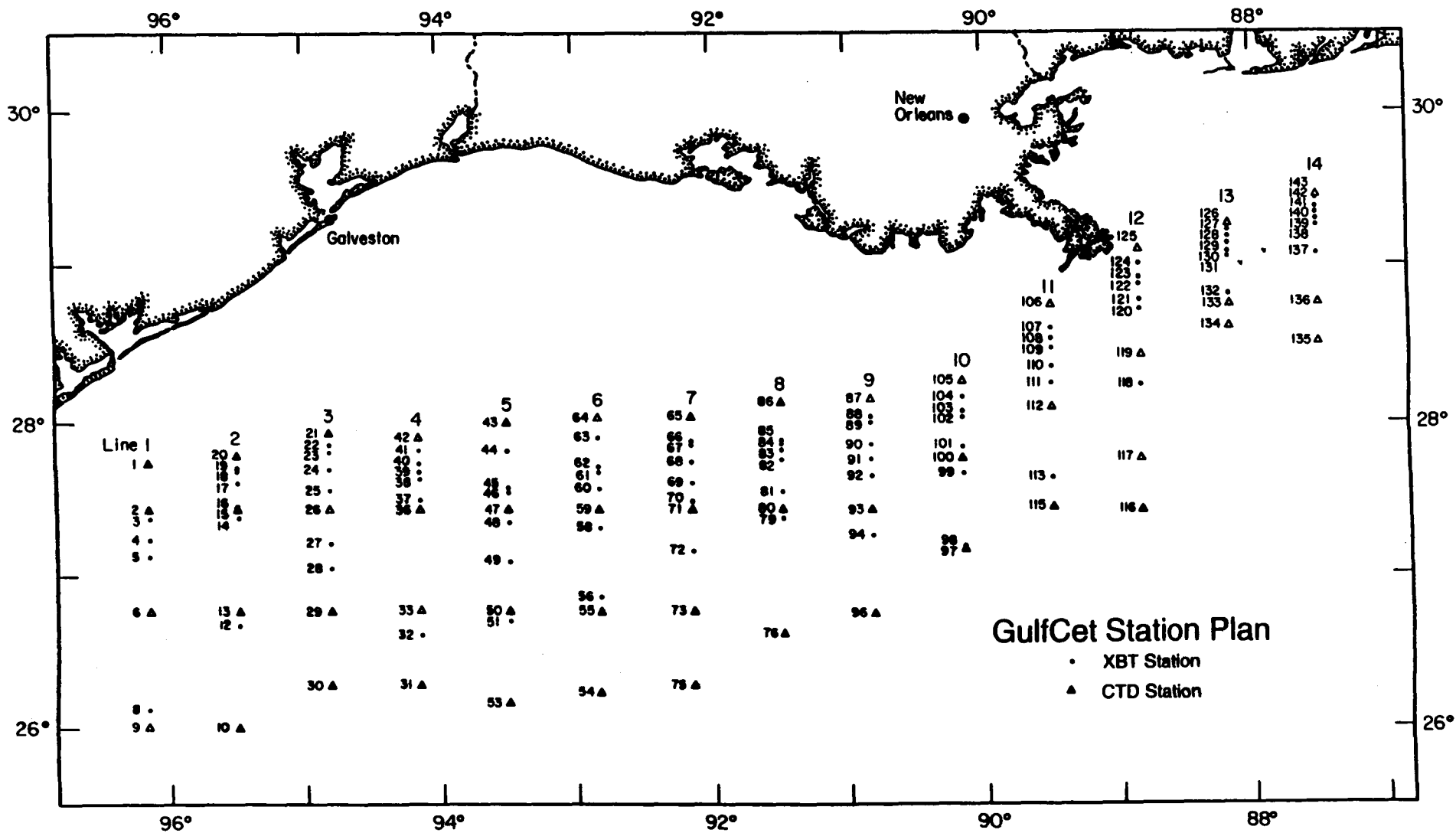
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Figure 1. GulfCet Station Plan: XBT and CTD Stations



INTRODUCTION

The data presented in this report were collected to satisfy, in part, the objectives of Mineral Management Service (MMS) contract number 14-35-0001-30619, "Distribution and Abundance of Marine Mammals in the North-Central and Western Gulf of Mexico". This program includes aerial, acoustic, visual, and hydrographic surveys, a sperm whale tagging and tracking program, and a remote sensing survey. The program involves the combined efforts of Texas A&M University at Galveston (TAMUG), Texas Institute of Oceanography (TIO), Texas A&M University at College Station (TAMU), the National Marine Fisheries Service (NMFS) at the Southeast Fisheries Science Center, and Oregon State University's Hatfield Marine Science Center. This MMS program, named GulfCet, is designed to ascertain the distribution, abundance, seasonality, and movement patterns of cetaceans along the continental slope from the Florida-Alabama border to the Texas-Mexico border between the 100 and 2000 meter isobaths.

The GulfCet program participates in four TAMU sponsored cruises per year, one cruise per season, for two of the three years of the contract period. These data were collected on the second TAMU GulfCet cruise, a fourteen day summer cruise, August 10-24, 1992, aboard the Louisiana Universities Marine Consortium (LUMCON) ship, R/V *Pelican*. This cruise had a threefold purpose: a visual survey of marine mammals, a continuously recording acoustic survey, and a hydrographic survey. A transect consisting of fourteen North-South track lines (Figure 1) was followed during the cruise. Due to inclement weather, track line one was not done on this cruise. The stations were surveyed in reverse order, beginning with station 143 on track line fourteen.

Data from the hydrographic survey are presented in this report. Requests for data should be sent to the Minerals Management Service at the Gulf of Mexico Regional OCS Office in New Orleans, or via Dr. Giulietta Fargion, GulfCet DMO, TAMUG, Galveston, Texas, (OMNET/ G. Fargion). The data in this report are available in digital form.

STANDARD PROCEDURES

Data in this report were obtained with CTD lowerings, rosette casts, XBT deployments, and LUMCON's continuously recording proprietary system, Multiple Interface Data Acquisition System (MIDAS) (Walser, et al., 1992). Sea-Bird Electronics SBE 9 CTD was used on this cruise, and lowered to the sea floor, or to a maximum depth of 1000 m. Sparton of Canada's XBT probes, with Sippican's XBT launcher and MK-12 hardware and software, were used. A rosette holding 12 5-liter Niskin bottles was lowered with the CTD.

Expendable Bathythermograph (XBT) Data:

XBT's (Appendix A, Table 1) were launched at the depths of 200, 350, 500, 800, 1000, and 1500 meters along each track line, using T-7, T-10, and T-20 XBT probes. Four additional T-7 XBT's were launched at specific marine mammal sightings.

Conductivity/Temperature/Depth (CTD) Data:

CTD stations (see Appendix A, Table 2, which shows desired station positions) were located at the 100 and 2000 m isobaths (except at the Mexican border), and at 40 nautical mile intervals on each track line. Vertical profiles of salinity, temperature, oxygen, and beam attenuation coefficient (transmissometry) were measured at every station. At stations less than 500 m., in situ fluorescence was also measured. CTD station 12-119 was canceled due to inclement weather, and a XBT was launched instead.

LUMCON's Sea Tech, Inc., fluorometer (500 m.) was replaced at station 03-021 (due to suspected electrical problems) with TAMUG's Sea Tech fluorometer (500 m.), model 204. Data from LUMCON's Sea Tech, Inc., transmissometer (5 cm. path) are not presented here due to thermal effects, or suspected instrument pressure problems. Readout values increased (>15%) at depths greater than 250 m.

The CTD temperature, oxygen, and conductivity sensors on LUMCON's SBE 9 CTD are calibrated annually at Sea-Bird Electronics. Pre- and post-cruise calibrations were not provided by LUMCON.

Continuous Recording Data:

A continuous recording of navigation data, surface hydrographic data (salinity, temperature, fluorescence, light transmission, and sea water flow rate), meteorological data (wind speed, wind direction, air temperature, barometric pressure, and solar irradiance) were collected with the MIDAS system. The MIDAS system sampling rate is an average of every fifteen seconds. This system uses a Sea-Bird Electronics' temperature sensor, and a Sea Tech, Inc., fluorometer and transmissometer. The conductivity-temperature meter on the MIDAS is calibrated annually at Sea-Bird Electronics.

Rosette Cast Data:

The rosette was lowered with the CTD at all designated stations. The bottles were closed on the upcast, and twelve water samples were taken at each station. A salinity sample was taken from the shallowest and deepest bottle. For stations on track lines 4, 8, 9, 10, 11, 12, 13, and 14 that were 100 m. in depth, water samples were taken at depths of 0, 5, 15, 20, 30, 40, 50, 60, 70, and 80 m. For all other stations on these track lines, the sampling depths were 0, 10, 20, 30, 40, 55, 70, 85, 100, 125, and 150 m. Due to insufficient chlorophyll filters, water samples were taken at depths of 0, 10, 25, 50, 75, and 100 m. for stations on track lines 2, 3, 5, 6, and 7 that were greater than 500 m. For stations on these five track lines that were less than 500 m. in depth, samples were taken for salinity only. In situ fluorometric measurements provided chlorophyll data for stations less than 500 m. on these five track lines.

Salinity samples were analyzed at TAMU, using a Guildline Connectively Coupled Salinometer (model number 8400A). The Salinometer was standardized with Wormley Standard Seawater. The salinity samples taken at the surface at station 11-115, and 721.6 m at station 10-100, were lost due to sample bottle breakage. Chlorophyll sample data are not included in this report. These data will be included in a subsequent technical report.

TABULATED DATA

The "start time" for hydrographic casts is Central Standard Time. Bottom depth was determined acoustically (DATA SONIC SBT 220), but in some cases the depth was estimated from bathymetric charts.

Expendable Bathythermograph (XBT) Data:

Raw frequency data were processed with an in-house conversion program using Sparton's drop rates (Sparton of Canada, 1992). No data are shown for stations 05-048, 06-061, 11-108, and 14-138 due to probe failure. The processed XBT data were interpolated using a program developed at Scripps Institute of Oceanography. Interpolations are at 1 m. steps, and data are listed at 10 m. intervals. The 20° C isotherm and temperatures at 100 m. are shown in Table 3 of Appendix A, using data taken from XBT's. Figure 2 of Appendix B shows a plot of the temperature values taken from the MIDAS versus those taken from the XBT's at near surface depths.

Conductivity/Temperature/Depth (CTD) Data:

CTD data are tabulated to "standard levels" (UNESCO, 1991). The CTD data were acquired at 24 Hz and processed using Sea-Bird's Seasoft software (version 4.015, Sea-Bird Electronics, 1992).

The following CTD data processing steps were used:

- | | |
|---------------------|--|
| 1. DATCNV | Converts raw data to binary engineering units and stores data in CNV files. |
| 2. SPLIT | Splits the CNV files into upcast and downcast files. |
| 3. WILDEDIT | Checks for and marks 'wild' data points. |
| 4. FILTER | Filters data columns to produce zero phase time shifts. |
| 5. ALIGNCTD | Aligns specific temperature, conductivity, and oxygen measurements with their corresponding pressure measurement. |
| 6. In-house program | Converts temperature to ITS-90 scale (UNESCO, 1991). |
| 7. CELLTM | Removes conductivity cell thermal mass effects from conductivity data. |
| 8. LOOPEDIT | Marks the scan where CTD is moving less than the minimum velocity or traveling backwards due to ship roll. |
| 9. DERIVE | Computes dissolved oxygen and depth. |
| 10. BINA VG | Averages the data into 1 m. depth bins. |
| 11. DERIVE | Computes salinity (PSS-78), density (EOS80), potential temperature (Pot. Temp), specific volume anomaly (SVA), and sound velocity (Chen-Millero) using Fofonoff and Millard's (1983) formulas. Also computes dynamic height anomaly (Dyn Ht.). |

No data corrections were made due to the lack of pre- and post-cruise calibration of the CTD. Figure 3 (Appendix B) shows a plot for CTD sea surface temperature versus MIDAS sea surface temperature. Figure 4 (Appendix B) shows a CTD versus XBT temperature comparison (0 to 300 m. range; the XBT station to CTD cast proximity was 2 nautical miles). Station positions for the processed CTD data indicate actual occupied positions.

Column headings and units for the tabulated CTD data are as follows:

<u>Depth</u>	Depth	m
<u>Temp</u>	Temperature	°C
<u>Pot. Temp</u>	Potential Temperature	°C
<u>Salinity</u>	Salinity	PSU
<u>Density</u>	Density	kg/m ³
<u>SVA</u>	Specific Volume Anomaly	10 ⁻⁸ m ³ /kg
<u>Dyn Ht</u>	Dynamic Height	dyn m
<u>Sound V</u>	Sound Velocity	m/s
<u>Oxy</u>	Oxygen	mg/l
<u>Fluor.</u>	Fluorescence	v
<u>Pressure</u>	Pressure	db

Continuous Recording Data:

The continuously recording data were processed with an in-house program which:

1. Cuts cruise track lines from the continuously recorded file.
2. Plots raw data with no corrections.

Salinity Data:

These data were computed using the recommended Joint Panel on Oceanographic Tables and Standards (JPOTS) formula (UNESCO, 1991). Values are reported to four decimal places. The data from station 02-015 , depth 499.5 m., indicate an anomalous value for the Niskin bottle salinity. Station 11-106, depth 0.3 m., also shows anomalous values for both bottle and CTD salinities. Figure 5 of Appendix B is a plot of the salinity values obtained with the CTD versus those obtained from Niskin water samples. Figure 6 (Appendix B) shows a plot of the sample depth versus salinity difference between Niskin bottle and CTD values.

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PERSONNEL

GulfCet Cruise 02 Personnel

Ship's Captain:

Chris Riffe, R/V *Pelican*

Chief Scientist:

Robert Benson

TAMU GulfCet PI, Professor

Scientific Staff:

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TAMUG, GulfCet PI, Research Associate Specialist

Jeff Norris

TAMU, Research Associate

Tom Jefferson

TAMU, Graduate Student

Logan Respass

TAMUG, Marine Technician

Andrew Schiro

TAMUG, Marine Technician

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John Hausman

TAMU, Student

Dagmar Fertl

TAMU, Graduate Student

Shane Kanatous

TAMU, Graduate Student

Bill Stevens

TAMUG, Marine Technician

Lisa De Los Santos

TAMUG, Student

Adam Grundt

TAMUG, Intern

GulfCet Analytical and Processing Personnel:

Sample Analysis:

Logan Respass

TAMUG, Marine Technician

Cheryl Schroeder

TAMUG, Student

Data Processing and Programming:

David Brandon

TAMUG, Programmer

Report Writing and Quality Assurance:

Giulietta Fargion

TAMUG, GulfCet PI, Research Associate Specialist

Cheryl Schroeder

TAMUG, Student

EXPENDABLE BATHYTHERMOGRAPH (XBT) DATA:

-DATA SUMMARY TABLES

Cruise: GULFCET 02 Station: 02-012 Probe Type: T-7
 Latitude: 26° 41.10' N Longitude: 95° 30.00' W Date: 23-Aug-1992 Time: 202

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.44	310.00	13.96	610.00	8.17
20.00	29.45	320.00	13.74	620.00	8.05
30.00	29.44	330.00	13.49	630.00	7.94
40.00	27.84	340.00	13.22	640.00	7.78
50.00	26.14	350.00	13.07	650.00	7.72
60.00	24.94	360.00	12.76	660.00	7.54
70.00	24.12	370.00	12.56	670.00	7.41
80.00	23.57	380.00	12.35	680.00	7.30
90.00	23.18	390.00	12.11	690.00	7.17
100.00	22.90	400.00	11.80	700.00	7.05
110.00	22.60	410.00	11.56	710.00	6.94
120.00	22.19	420.00	11.28	720.00	6.88
130.00	21.73	430.00	10.98	730.00	6.77
140.00	21.03	440.00	10.66	740.00	6.67
150.00	20.50	450.00	10.46	750.00	6.61
160.00	20.03	460.00	10.32	760.00	6.56
170.00	19.67	470.00	10.20		
180.00	19.06	480.00	10.01		
190.00	18.67	490.00	9.92		
200.00	18.14	500.00	9.75		
210.00	17.65	510.00	9.56		
220.00	17.00	520.00	9.38		
230.00	16.59	530.00	9.19		
240.00	16.19	540.00	9.07		
250.00	15.73	550.00	8.97		
260.00	15.38	560.00	8.83		
270.00	15.11	570.00	8.68		
280.00	14.72	580.00	8.48		
290.00	14.48	590.00	8.41		
300.00	14.19	600.00	8.29		

Cruise: GULFCET 02 Station: 02-014 Probe Type: T-7
 Latitude: 27° 23.01' N Longitude: 95° 29.96' W Date: 22-Aug-1992 Time: 1755

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.54	310.00	12.96	610.00	7.55
20.00	29.44	320.00	12.62	620.00	7.45
30.00	29.42	330.00	12.36	630.00	7.38
40.00	26.94	340.00	11.97	640.00	7.24
50.00	25.07	350.00	11.80	650.00	7.14
60.00	24.06	360.00	11.63	660.00	7.11
70.00	23.48	370.00	11.42	670.00	7.10
80.00	22.92	380.00	11.13	680.00	6.99
90.00	22.42	390.00	10.96	690.00	6.83
100.00	21.84	400.00	10.72	700.00	6.78
110.00	21.16	410.00	10.64	710.00	6.67
120.00	20.67	420.00	10.43	720.00	6.57
130.00	20.78	430.00	10.30	730.00	6.38
140.00	20.22	440.00	10.10	740.00	6.26
150.00	19.53	450.00	9.82	750.00	6.13
160.00	18.95	460.00	9.67	760.00	6.09
170.00	18.44	470.00	9.59		
180.00	17.96	480.00	9.51		
190.00	17.24	490.00	9.31		
200.00	16.70	500.00	9.09		
210.00	16.32	510.00	8.94		
220.00	15.84	520.00	8.87		
230.00	15.54	530.00	8.75		
240.00	15.18	540.00	8.45		
250.00	14.93	550.00	8.19		
260.00	14.58	560.00	8.14		
270.00	14.23	570.00	7.97		
280.00	13.88	580.00	7.83		
290.00	13.43	590.00	7.76		
300.00	13.14	600.00	7.62		

Cruise: GULFCET 02 Station: 02-016 Probe Type: T-7
 Latitude: 27° 28.00' N Longitude: 95° 29.98' W Date: 22-Aug-1992 Time: 1613

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.35	310.00	12.24	610.00	7.06
20.00	29.28	320.00	12.01	620.00	6.68
30.00	29.27	330.00	11.80	630.00	6.62
40.00	25.99	340.00	11.61	640.00	6.60
50.00	24.48	350.00	11.40	650.00	6.55
60.00	23.52	360.00	11.16	660.00	6.49
70.00	22.98	370.00	10.91	670.00	6.47
80.00	22.38	380.00	10.66	680.00	6.45
90.00	21.89	390.00	10.40	690.00	6.45
100.00	21.36	400.00	10.20	700.00	6.43
110.00	20.62	410.00	10.06	710.00	6.41
120.00	20.24	420.00	9.90	720.00	6.36
130.00	19.44	430.00	9.72	730.00	6.30
140.00	19.02	440.00	9.64	740.00	5.90
150.00	18.68	450.00	9.45		
160.00	18.17	460.00	9.29		
170.00	17.53	470.00	9.12		
180.00	17.00	480.00	8.97		
190.00	16.36	490.00	8.76		
200.00	15.98	500.00	8.68		
210.00	15.70	510.00	8.54		
220.00	15.18	520.00	8.36		
230.00	14.88	530.00	8.20		
240.00	14.47	540.00	8.04		
250.00	14.09	550.00	7.88		
260.00	13.78	560.00	7.71		
270.00	13.43	570.00	7.53		
280.00	13.08	580.00	7.53		
290.00	12.74	590.00	7.19		
300.00	12.41	600.00	7.09		

Cruise: GULFCET 02 Station: 02-017 Probe Type: T-7
 Latitude: 27° 36.50' N Longitude: 95° 30.00' W Date: 22-Aug-1992 Time: 1453

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	28.94	310.00	11.78
20.00	28.85	320.00	11.62
30.00	28.21	330.00	11.37
40.00	24.55	340.00	11.16
50.00	23.30	350.00	10.94
60.00	22.72	360.00	10.87
70.00	22.25	370.00	10.72
80.00	21.68	380.00	10.42
90.00	21.00	390.00	10.12
100.00	19.94	400.00	9.75
110.00	19.69	410.00	9.65
120.00	19.17	420.00	9.52
130.00	18.81	430.00	9.40
140.00	18.24	440.00	9.20
150.00	17.72	450.00	9.02
160.00	17.21	460.00	8.92
170.00	16.79	470.00	8.79
180.00	16.28	480.00	8.55
190.00	15.85	490.00	8.41
200.00	15.44		
210.00	14.88		
220.00	14.48		
230.00	14.13		
240.00	13.81		
250.00	13.58		
260.00	13.20		
270.00	12.89		
280.00	12.62		
290.00	12.22		
300.00	12.02		

Cruise: GULFCET 02
Latitude: 27° 41.48' N

Station: 02-018
Longitude: 95° 29.92' W

Probe Type: T-7
Date: 22-Aug-1992

Time: 1352

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	28.04	310.00	11.17
20.00	28.10	320.00	10.83
30.00	25.64	330.00	10.59
40.00	24.04	340.00	10.28
50.00	23.07	350.00	10.08
60.00	22.44	360.00	9.89
70.00	21.67	370.00	9.80
80.00	20.68		
90.00	20.00		
100.00	19.71		
110.00	19.15		
120.00	18.64		
130.00	18.03		
140.00	17.71		
150.00	17.29		
160.00	16.73		
170.00	16.09		
180.00	15.66		
190.00	15.34		
200.00	14.99		
210.00	14.46		
220.00	14.09		
230.00	13.55		
240.00	13.27		
250.00	12.84		
260.00	12.53		
270.00	12.36		
280.00	12.16		
290.00	11.74		
300.00	11.57		

Cruise: GULFCET 02
Latitude: 27° 42.05' N

Station: 02-019
Longitude: 95° 29.95' W

Probe Type: T-10
Date: 22-Aug-1992

Time: 1347

Depth (m)	Temp. (°C)
10.00	27.99
20.00	27.86
30.00	24.99
40.00	23.67
50.00	22.96
60.00	22.53
70.00	21.84
80.00	20.71
90.00	20.00
100.00	19.67
110.00	19.15
120.00	18.52
130.00	18.23
140.00	17.70
150.00	17.12
160.00	16.72
170.00	16.19
180.00	15.70
190.00	15.43
200.00	15.08

Cruise: GULFCET 02 Station: 02-EX4 Probe Type: T-7
 Latitude: 27° 11.43' N Longitude: 95° 29.99' W Date: 22-Aug-1992 Time: 1949

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.38	310.00	13.72	610.00	8.07
20.00	29.29	320.00	13.62	620.00	7.95
30.00	29.27	330.00	13.39	630.00	7.87
40.00	27.68	340.00	13.01	640.00	7.77
50.00	25.67	350.00	12.64	650.00	7.70
60.00	24.90	360.00	12.33	660.00	7.59
70.00	23.77	370.00	11.93	670.00	7.46
80.00	23.15	380.00	11.81	680.00	7.40
90.00	22.78	390.00	11.56	690.00	7.29
100.00	22.39	400.00	11.29	700.00	7.21
110.00	21.64	410.00	11.19	710.00	7.10
120.00	20.98	420.00	10.99	720.00	7.05
130.00	20.53	430.00	10.83	730.00	6.99
140.00	20.45	440.00	10.64	740.00	6.91
150.00	20.47	450.00	10.45	750.00	6.77
160.00	19.66	460.00	10.34	760.00	6.71
170.00	19.03	470.00	10.18		
180.00	18.20	480.00	10.03		
190.00	17.82	490.00	9.84		
200.00	17.32	500.00	9.63		
210.00	16.61	510.00	9.43		
220.00	16.30	520.00	9.32		
230.00	15.86	530.00	9.16		
240.00	15.67	540.00	9.05		
250.00	15.26	550.00	8.88		
260.00	14.77	560.00	8.74		
270.00	14.23	570.00	8.61		
280.00	14.04	580.00	8.42		
290.00	13.95	590.00	8.24		
300.00	13.87	600.00	8.15		

Cruise: GULFCET 02 Station: 03-022 Probe Type: T-10
 Latitude: 27° 51.48' N Longitude: 94° 49.95' W Date: 22-Aug-1992 Time: 619

Depth (m)	Temp. (°C)
10.00	28.29
20.00	27.77
30.00	23.87
40.00	22.13
50.00	21.51
60.00	20.27
70.00	19.26
80.00	18.39
90.00	17.96
100.00	17.68
110.00	17.56
120.00	17.24
130.00	16.90
140.00	16.45
150.00	16.12
160.00	15.50
170.00	15.36
180.00	15.31
190.00	15.25
200.00	14.90

Cruise: GULFCET 02
Latitude: 27° 46.90' N

Station: 03-023
Longitude: 94° 49.98' W

Probe Type: T-7
Date: 22-Aug-1992

Time: 558

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	28.22	310.00	11.15
20.00	26.42	320.00	11.05
30.00	23.73	330.00	10.89
40.00	21.93	340.00	10.56
50.00	20.51	350.00	10.42
60.00	19.86	360.00	10.34
70.00	19.12		
80.00	18.47		
90.00	18.09		
100.00	17.79		
110.00	17.30		
120.00	16.90		
130.00	16.61		
140.00	16.43		
150.00	16.06		
160.00	15.76		
170.00	15.42		
180.00	15.13		
190.00	14.79		
200.00	14.54		
210.00	14.21		
220.00	13.93		
230.00	13.58		
240.00	13.26		
250.00	12.86		
260.00	12.67		
270.00	12.28		
280.00	11.90		
290.00	11.50		
300.00	11.31		

Cruise: GULFCET 02
Latitude: 27° 42.00' N

Station: 03-024
Longitude: 94° 50.00' W

Probe Type: T-7
Date: 22-Aug-1992

Time: 500

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	28.46	310.00	11.70
20.00	28.33	320.00	11.32
30.00	23.41	330.00	11.05
40.00	22.05	340.00	10.87
50.00	21.08	350.00	10.76
60.00	20.09	360.00	10.52
70.00	19.20	370.00	10.10
80.00	18.74	380.00	9.71
90.00	18.60	390.00	9.66
100.00	18.14	400.00	9.39
110.00	17.74	410.00	9.21
120.00	17.10	420.00	8.97
130.00	16.76	430.00	8.92
140.00	16.30	440.00	8.88
150.00	15.87	450.00	8.79
160.00	15.64	460.00	8.69
170.00	15.31	470.00	8.49
180.00	14.95	480.00	8.34
190.00	14.61		
200.00	14.41		
210.00	14.19		
220.00	13.85		
230.00	13.61		
240.00	13.36		
250.00	13.10		
260.00	12.83		
270.00	12.65		
280.00	12.33		
290.00	12.06		
300.00	11.90		

Cruise: GULFCET 02 Station: 03-025 Probe Type: T-7
 Latitude: 27° 33.92' N Longitude: 94° 50.08' W Date: 22-Aug-1992 Time: 351

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	28.19	310.00	11.79	610.00	6.97
20.00	27.77	320.00	11.52	620.00	6.83
30.00	24.48	330.00	11.34	630.00	6.74
40.00	22.93	340.00	11.24	640.00	6.65
50.00	21.84	350.00	11.03	650.00	6.58
60.00	21.04	360.00	10.89	660.00	6.54
70.00	20.44	370.00	10.54	670.00	6.49
80.00	19.81	380.00	10.42	680.00	6.47
90.00	19.51	390.00	10.36	690.00	6.43
100.00	19.14	400.00	10.20	700.00	6.39
110.00	18.51	410.00	10.03	710.00	6.36
120.00	18.09	420.00	9.84	720.00	6.30
130.00	17.59	430.00	9.64	730.00	6.21
140.00	17.11	440.00	9.51	740.00	6.21
150.00	16.62	450.00	9.33	750.00	6.09
160.00	16.31	460.00	9.13	760.00	6.08
170.00	15.94	470.00	8.91		
180.00	15.43	480.00	8.72		
190.00	15.00	490.00	8.61		
200.00	14.63	500.00	8.41		
210.00	14.33	510.00	8.24		
220.00	14.04	520.00	8.16		
230.00	13.72	530.00	8.02		
240.00	13.47	540.00	7.85		
250.00	13.19	550.00	7.67		
260.00	13.06	560.00	7.65		
270.00	12.77	570.00	7.54		
280.00	12.62	580.00	7.34		
290.00	12.38	590.00	7.16		
300.00	12.15	600.00	7.05		

Cruise: GULFCET 02 Station: 03-027 Probe Type: T-7
 Latitude: 27° 22.91' N Longitude: 94° 50.01' W Date: 22-Aug-1992 Time: 111

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.19	310.00	12.58
20.00	29.19	320.00	12.29
30.00	29.18	330.00	11.92
40.00	26.20	340.00	11.74
50.00	24.81	350.00	11.58
60.00	23.65	360.00	11.30
70.00	23.04	370.00	10.99
80.00	22.53	380.00	10.87
90.00	21.98	390.00	10.67
100.00	21.13	400.00	10.57
110.00	20.37	410.00	10.30
120.00	19.89	420.00	10.07
130.00	19.20	430.00	9.92
140.00	18.76	440.00	9.73
150.00	18.50	450.00	9.64
160.00	18.23	460.00	9.54
170.00	17.64	470.00	9.33
180.00	16.96	480.00	9.08
190.00	16.47	490.00	9.01
200.00	15.93	500.00	8.87
210.00	15.47	510.00	8.67
220.00	15.15	520.00	8.51
230.00	14.82	530.00	8.45
240.00	14.54	540.00	8.31
250.00	14.22	550.00	8.14
260.00	13.85	560.00	8.07
270.00	13.62	570.00	7.88
280.00	13.33	580.00	7.73
290.00	13.09		
300.00	12.77		

Cruise: GULFCET 02 Station: 03-028 Probe Type: T-7
 Latitude: 27° 3.48' N Longitude: 94° 49.98' W Date: 21-Aug-1992 Time: 2218

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.00	310.00	13.62	610.00	7.65
20.00	28.95	320.00	13.35	620.00	7.52
30.00	29.08	330.00	12.93	630.00	7.38
40.00	27.60	340.00	12.65	640.00	7.30
50.00	25.52	350.00	12.49	650.00	7.16
60.00	24.45	360.00	12.13	660.00	7.00
70.00	23.69	370.00	11.78	670.00	6.93
80.00	23.31	380.00	11.57	680.00	6.82
90.00	22.95	390.00	11.23	690.00	6.71
100.00	22.77	400.00	10.94	700.00	6.61
110.00	22.58	410.00	10.69	710.00	6.50
120.00	22.04	420.00	10.47	720.00	6.43
130.00	21.20	430.00	10.25	730.00	6.36
140.00	20.70	440.00	10.10	740.00	6.29
150.00	20.45	450.00	10.01	750.00	6.21
160.00	20.27	460.00	9.84	760.00	6.17
170.00	19.84	470.00	9.69		
180.00	19.00	480.00	9.56		
190.00	18.28	490.00	9.41		
200.00	18.01	500.00	9.31		
210.00	17.30	510.00	9.19		
220.00	16.72	520.00	8.98		
230.00	16.29	530.00	8.84		
240.00	15.96	540.00	8.72		
250.00	15.59	550.00	8.52		
260.00	15.21	560.00	8.34		
270.00	14.88	570.00	8.26		
280.00	14.50	580.00	8.12		
290.00	14.19	590.00	7.99		
300.00	13.90	600.00	7.83		

Cruise: GULFCET 02 Station: 04-032 Probe Type: T-7
 Latitude: 26° 37.07' N Longitude: 94° 9.98' W Date: 21-Aug-1992 Time: 517

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	28.77	310.00	12.34	610.00	7.06
20.00	28.77	320.00	12.03	620.00	6.91
30.00	28.77	330.00	11.74	630.00	6.81
40.00	26.23	340.00	11.43	640.00	6.71
50.00	24.66	350.00	11.14	650.00	6.65
60.00	23.67	360.00	10.92	660.00	6.52
70.00	23.17	370.00	10.79	670.00	6.44
80.00	22.70	380.00	10.60	680.00	6.41
90.00	22.44	390.00	10.45	690.00	6.31
100.00	21.56	400.00	10.34	700.00	6.24
110.00	20.89	410.00	10.23	710.00	6.16
120.00	19.87	420.00	10.07	720.00	6.09
130.00	19.03	430.00	9.85	730.00	6.03
140.00	18.31	440.00	9.71	740.00	5.93
150.00	17.89	450.00	9.52	750.00	5.86
160.00	17.54	460.00	9.36	760.00	5.80
170.00	17.02	470.00	9.26		
180.00	16.66	480.00	9.18		
190.00	16.32	490.00	9.04		
200.00	15.98	500.00	8.84		
210.00	15.53	510.00	8.70		
220.00	15.20	520.00	8.52		
230.00	14.76	530.00	8.40		
240.00	14.43	540.00	8.29		
250.00	14.17	550.00	8.14		
260.00	13.94	560.00	7.92		
270.00	13.59	570.00	7.78		
280.00	13.30	580.00	7.60		
290.00	13.08	590.00	7.45		
300.00	12.71	600.00	7.25		

Cruise: GULFCET 02
Latitude: 27° 30.02' N

Station: 04-037
Longitude: 94° 10.04' W

Probe Type: T-7
Date: 20-Aug-1992

Time: 1909

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	28.78	310.00	11.05	610.00	6.70
20.00	28.84	320.00	10.93	620.00	6.51
30.00	26.58	330.00	10.85	630.00	6.42
40.00	24.06	340.00	10.70	640.00	6.32
50.00	22.90	350.00	10.53	650.00	6.28
60.00	21.98	360.00	10.33	660.00	6.24
70.00	20.20	370.00	10.14	670.00	6.22
80.00	19.29	380.00	9.93	680.00	6.22
90.00	18.08	390.00	9.68	690.00	6.21
100.00	17.61	400.00	9.59	700.00	6.20
110.00	17.05	410.00	9.41	710.00	6.07
120.00	16.49	420.00	9.20	720.00	5.99
130.00	16.11	430.00	9.06	730.00	5.96
140.00	15.62	440.00	8.89	740.00	5.95
150.00	15.31	450.00	8.73	750.00	5.94
160.00	14.95	460.00	8.55	760.00	5.87
170.00	14.61	470.00	8.48		
180.00	14.27	480.00	8.33		
190.00	13.98	490.00	8.25		
200.00	13.64	500.00	8.22		
210.00	13.48	510.00	8.11		
220.00	13.27	520.00	7.95		
230.00	12.94	530.00	7.83		
240.00	12.73	540.00	7.67		
250.00	12.44	550.00	7.54		
260.00	12.18	560.00	7.43		
270.00	11.93	570.00	7.25		
280.00	11.73	580.00	7.07		
290.00	11.48	590.00	6.82		
300.00	11.28	600.00	6.78		

Cruise: GULFCET 02
Latitude: 27° 38.12' N

Station: 04-038
Longitude: 94° 9.94' W

Probe Type: T-7
Date: 20-Aug-1992

Time: 1728

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	28.94	310.00	10.88	610.00	6.68
20.00	28.81	320.00	10.68	620.00	6.60
30.00	25.17	330.00	10.49	630.00	6.50
40.00	23.73	340.00	10.35	640.00	6.43
50.00	22.72	350.00	10.18	650.00	6.37
60.00	20.59	360.00	10.05	660.00	6.31
70.00	19.86	370.00	9.88	670.00	6.27
80.00	19.52	380.00	9.76	680.00	6.23
90.00	18.87	390.00	9.62	690.00	6.21
100.00	18.22	400.00	9.40	700.00	6.19
110.00	17.63	410.00	9.25	710.00	6.13
120.00	17.20	420.00	9.20	720.00	6.09
130.00	16.55	430.00	9.01		
140.00	16.03	440.00	8.82		
150.00	15.69	450.00	8.76		
160.00	15.31	460.00	8.60		
170.00	14.90	470.00	8.40		
180.00	14.69	480.00	8.25		
190.00	14.19	490.00	8.15		
200.00	13.81	500.00	8.07		
210.00	13.44	510.00	7.96		
220.00	13.18	520.00	7.83		
230.00	12.91	530.00	7.72		
240.00	12.66	540.00	7.57		
250.00	12.39	550.00	7.41		
260.00	12.12	560.00	7.28		
270.00	11.85	570.00	7.13		
280.00	11.60	580.00	6.98		
290.00	11.27	590.00	6.88		
300.00	11.08	600.00	6.76		

Cruise: GULFCET 02 Station: 04-039 Probe Type: T-7
 Latitude: 27° 41.02' N Longitude: 94° 10.02' W Date: 20-Aug-1992 Time: 1703

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.05	310.00	10.96
20.00	29.05	320.00	10.83
30.00	26.54	330.00	10.63
40.00	24.16	340.00	10.38
50.00	22.32	350.00	10.31
60.00	20.93	360.00	10.19
70.00	20.25	370.00	9.96
80.00	19.95	380.00	9.80
90.00	19.15	390.00	9.56
100.00	18.61	400.00	9.49
110.00	18.01	410.00	9.36
120.00	17.48	420.00	9.13
130.00	16.98	430.00	9.00
140.00	16.44	440.00	8.89
150.00	15.90	450.00	8.78
160.00	15.44	460.00	8.56
170.00	14.91	470.00	8.37
180.00	14.59	480.00	8.14
190.00	14.30	490.00	8.02
200.00	13.96	500.00	7.95
210.00	13.70	510.00	7.91
220.00	13.41	520.00	7.87
230.00	13.01	530.00	7.86
240.00	12.74	540.00	7.66
250.00	12.49		
260.00	12.24		
270.00	12.02		
280.00	11.82		
290.00	11.59		
300.00	11.11		

Cruise: GULFCET 02 Station: 04-040 Probe Type: T-7
 Latitude: 27° 44.12' N Longitude: 94° 10.00' W Date: 20-Aug-1992 Time: 1637

Depth (m)	Temp. (°C)
10.00	28.94
20.00	29.05
30.00	27.90
40.00	24.32
50.00	21.92
60.00	20.75
70.00	19.96
80.00	19.53
90.00	19.26
100.00	18.88
110.00	18.30
120.00	17.63
130.00	17.00
140.00	16.49
150.00	16.09
160.00	15.58
170.00	15.31
180.00	14.84
190.00	14.40
200.00	14.08
210.00	13.71
220.00	13.19
230.00	12.96
240.00	12.79
250.00	12.46
260.00	12.30
270.00	12.01
280.00	11.83
290.00	11.60

Cruise: GULFCET 02 Station: 04-041 Probe Type: T-10
 Latitude: 27° 49.56' N Longitude: 94° 10.01' W Date: 20-Aug-1992 Time: 1552

Depth (m)	Temp. (°C)
10.00	29.14
20.00	29.13
30.00	26.89
40.00	23.82
50.00	21.67
60.00	20.74
70.00	19.97
80.00	19.68
90.00	19.37
100.00	19.06
110.00	17.90
120.00	17.25
130.00	16.79
140.00	16.41
150.00	16.20
160.00	15.90
170.00	15.34
180.00	15.08

Cruise: GULFCET 02 Station: 04-EX2 Probe Type: XBT
 Latitude: 27° 29.08' N Longitude: 94° 9.10' W Date: 22-Aug-1992 Time: 1949

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	28.66	200.00	13.65	400.00	9.51	600.00	6.85
20.00	28.74	210.00	13.44	410.00	9.37	610.00	6.68
30.00	26.00	220.00	13.06	420.00	9.12	620.00	6.52
40.00	23.85	230.00	12.83	430.00	8.98	630.00	6.29
50.00	22.75	240.00	12.54	440.00	8.84	640.00	6.23
60.00	21.84	250.00	12.35	450.00	8.72	650.00	6.20
70.00	19.69	260.00	12.07	460.00	8.60	660.00	6.18
80.00	18.99	270.00	11.87	470.00	8.45	670.00	6.11
90.00	17.92	280.00	11.69	480.00	8.29	680.00	6.10
100.00	17.46	290.00	11.45	490.00	8.19	690.00	6.09
110.00	16.83	300.00	11.28	500.00	8.05	700.00	6.06
120.00	16.36	310.00	11.11	510.00	7.91	710.00	6.02
130.00	16.04	320.00	10.93	520.00	7.82	720.00	5.94
140.00	15.53	330.00	10.82	530.00	7.73	730.00	5.92
150.00	15.07	340.00	10.65	540.00	7.58	740.00	5.87
160.00	14.71	350.00	10.48	550.00	7.49	750.00	5.85
170.00	14.44	360.00	10.28	560.00	7.42	760.00	5.84
180.00	14.23	370.00	10.05	570.00	7.24		
190.00	13.94	380.00	9.84	580.00	6.99		
		390.00	9.75	590.00	6.94		

Cruise: GULFCET 02 Station: 05-044 Probe Type: T-10
 Latitude: 27° 49.35' N Longitude: 93° 30.50' W Date: 20-Aug-1992 Time: 2008

Depth (m)	Temp. (°C)
10.00	29.37
20.00	29.83
30.00	29.56
40.00	27.42
50.00	24.56
60.00	21.84
70.00	20.76
80.00	19.61
90.00	18.88
100.00	18.58
110.00	18.08
120.00	17.63
130.00	17.05
140.00	16.83
150.00	16.64
160.00	16.18
170.00	15.87
180.00	15.49
190.00	14.82

Cruise: GULFCET 02
Latitude: 27° 34.93' N

Station: 05-045
Longitude: 93° 29.98' W

Probe Type: T-7
Date: 20-Aug-1992

Time: 625

Depth (m)	Temp. (°C)
10.00	29.37
20.00	29.39
30.00	28.49
40.00	24.44
50.00	22.07
60.00	20.93
70.00	20.38
80.00	19.68
90.00	18.85
100.00	18.35
110.00	17.67
120.00	17.17
130.00	16.55
140.00	15.85
150.00	15.49
160.00	15.23
170.00	14.84
180.00	14.56
190.00	14.45
200.00	14.30
210.00	13.92
220.00	13.61
230.00	13.44
240.00	13.10
250.00	12.85
260.00	12.64
270.00	12.44
280.00	12.05
290.00	11.91
300.00	11.80

Cruise: GULFCET 02
Latitude: 27° 32.99' N

Station: 05-046
Longitude: 93° 29.96' W

Probe Type: T-7
Date: 20-Aug-1992

Time: 606

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.20	310.00	10.82
20.00	29.57	320.00	10.66
30.00	28.28	330.00	10.50
40.00	24.68	340.00	10.36
50.00	22.30	350.00	10.19
60.00	21.25	360.00	10.08
70.00	20.85	370.00	9.94
80.00	19.91	380.00	9.73
90.00	19.27	390.00	9.58
100.00	18.12	400.00	9.52
110.00	17.70	410.00	9.28
120.00	16.95	420.00	9.16
130.00	16.57	430.00	9.10
140.00	16.22	440.00	8.89
150.00	15.93		
160.00	15.47		
170.00	15.12		
180.00	14.69		
190.00	14.31		
200.00	14.12		
210.00	14.00		
220.00	13.46		
230.00	13.12		
240.00	12.91		
250.00	12.71		
260.00	12.45		
270.00	12.16		
280.00	11.85		
290.00	11.39		
300.00	10.97		

Cruise: GULFCET 02 Station: 05-049 Probe Type: T-7
 Latitude: 27° 5.96' N Longitude: 93° 30.02' W Date: 20-Aug-1992 Time: 23

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.38	310.00	10.39	610.00	6.22
20.00	29.42	320.00	10.23	620.00	6.14
30.00	27.56	330.00	10.05	630.00	6.08
40.00	24.63	340.00	9.91	640.00	6.06
50.00	23.34	350.00	9.74	650.00	6.04
60.00	22.16	360.00	9.60	660.00	5.95
70.00	20.77	370.00	9.48	670.00	5.90
80.00	19.73	380.00	9.35	680.00	5.76
90.00	18.67	390.00	9.18	690.00	5.71
100.00	17.83	400.00	8.99	700.00	5.64
110.00	17.22	410.00	8.86	710.00	5.59
120.00	16.31	420.00	8.68	720.00	5.57
130.00	15.87	430.00	8.49	730.00	5.54
140.00	15.31	440.00	8.33	740.00	5.51
150.00	14.75	450.00	8.12	750.00	5.51
160.00	14.32	460.00	7.93	760.00	5.48
170.00	13.83	470.00	7.77		
180.00	13.58	480.00	7.60		
190.00	13.18	490.00	7.34		
200.00	12.98	500.00	7.23		
210.00	12.73	510.00	7.10		
220.00	12.43	520.00	7.03		
230.00	12.10	530.00	6.87		
240.00	11.84	540.00	6.73		
250.00	11.58	550.00	6.63		
260.00	11.39	560.00	6.53		
270.00	11.23	570.00	6.47		
280.00	10.99	580.00	6.39		
290.00	10.80	590.00	6.33		
300.00	10.62	600.00	6.28		

Cruise: GULFCET 02 Station: 05-051 Probe Type: T-7
 Latitude: 26° 43.15' N Longitude: 93° 30.05' W Date: 19-Aug-1992 Time: 1955

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.32	310.00	8.99	610.00	6.10
20.00	29.29	320.00	8.68	620.00	6.06
30.00	27.79	330.00	8.48	630.00	5.98
40.00	25.94	340.00	8.30	640.00	5.92
50.00	23.80	350.00	8.11	650.00	5.86
60.00	22.12	360.00	7.94	660.00	5.83
70.00	21.15	370.00	7.79	670.00	5.75
80.00	20.38	380.00	7.67	680.00	5.68
90.00	19.99	390.00	7.57	690.00	5.66
100.00	19.48	400.00	7.50	700.00	5.62
110.00	18.81	410.00	7.45	710.00	5.59
120.00	17.86	420.00	7.34	720.00	5.55
130.00	17.03	430.00	7.25	730.00	5.44
140.00	16.15	440.00	7.10	740.00	5.43
150.00	15.22	450.00	7.00	750.00	5.41
160.00	14.58	460.00	6.92	760.00	5.35
170.00	13.95	470.00	6.84		
180.00	13.53	480.00	6.76		
190.00	13.10	490.00	6.69		
200.00	12.70	500.00	6.64		
210.00	12.31	510.00	6.60		
220.00	11.87	520.00	6.52		
230.00	11.51	530.00	6.41		
240.00	11.19	540.00	6.33		
250.00	10.82	550.00	6.32		
260.00	10.44	560.00	6.28		
270.00	10.13	570.00	6.28		
280.00	9.73	580.00	6.24		
290.00	9.45	590.00	6.20		
300.00	9.14	600.00	6.11		

Cruise: GULFCET 02
Latitude: 26° 52.04' N

Station: 06-056
Longitude: 92° 50.01' W

Probe Type: T-7
Date: 18-Aug-1992

Time: 2312

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.35	310.00	11.30	610.00	6.88
20.00	29.82	320.00	11.19	620.00	6.83
30.00	27.70	330.00	10.95	630.00	6.78
40.00	24.88	340.00	10.66	640.00	6.64
50.00	23.02	350.00	10.43	650.00	6.56
60.00	21.68	360.00	10.20	660.00	6.45
70.00	20.60	370.00	10.02	670.00	6.39
80.00	19.81	380.00	9.89	680.00	6.31
90.00	18.98	390.00	9.77	690.00	6.22
100.00	18.48	400.00	9.59	700.00	6.16
110.00	17.90	410.00	9.41	710.00	6.12
120.00	17.23	420.00	9.24	720.00	6.02
130.00	16.71	430.00	9.10	730.00	5.99
140.00	16.19	440.00	8.94	740.00	5.90
150.00	15.78	450.00	8.80	750.00	5.86
160.00	15.41	460.00	8.59	760.00	5.81
170.00	15.18	470.00	8.39		
180.00	14.78	480.00	8.28		
190.00	14.45	490.00	8.17		
200.00	14.15	500.00	8.07		
210.00	13.79	510.00	7.98		
220.00	13.52	520.00	7.89		
230.00	13.31	530.00	7.75		
240.00	12.89	540.00	7.63		
250.00	12.66	550.00	7.54		
260.00	12.44	560.00	7.44		
270.00	12.16	570.00	7.33		
280.00	11.97	580.00	7.23		
290.00	11.73	590.00	7.10		
300.00	11.46	600.00	7.02		

Cruise: GULFCET 02
Latitude: 27° 18.74' N

Station: 06-058
Longitude: 92° 50.00' W

Probe Type: T-7
Date: 18-Aug-1992

Time: 1854

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.28	310.00	10.82	610.00	6.73
20.00	29.25	320.00	10.66	620.00	6.64
30.00	25.59	330.00	10.47	630.00	6.57
40.00	23.56	340.00	10.29	640.00	6.44
50.00	22.38	350.00	10.12	650.00	6.38
60.00	21.01	360.00	9.88	660.00	6.29
70.00	20.21	370.00	9.73	670.00	6.23
80.00	19.80	380.00	9.58	680.00	6.22
90.00	18.90	390.00	9.48	690.00	6.17
100.00	18.28	400.00	9.41	700.00	6.07
110.00	17.89	410.00	9.22	710.00	5.98
120.00	17.30	420.00	9.08	720.00	5.93
130.00	16.82	430.00	8.91	730.00	5.84
140.00	16.50	440.00	8.79	740.00	5.80
150.00	16.06	450.00	8.65	750.00	5.74
160.00	15.56	460.00	8.54	760.00	5.70
170.00	15.13	470.00	8.42		
180.00	14.68	480.00	8.26		
190.00	14.36	490.00	8.10		
200.00	13.97	500.00	7.87		
210.00	13.65	510.00	7.77		
220.00	13.31	520.00	7.61		
230.00	13.07	530.00	7.53		
240.00	12.78	540.00	7.46		
250.00	12.46	550.00	7.39		
260.00	12.19	560.00	7.34		
270.00	11.87	570.00	7.27		
280.00	11.50	580.00	7.12		
290.00	11.14	590.00	6.91		
300.00	10.96	600.00	6.81		

Cruise: GULFCET 02 Station: 06-060 Probe Type: T-7
 Latitude: 27° 34.56' N Longitude: 92° 49.98' W Date: 18-Aug-1992 Time: 1555

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.23	310.00	10.79	610.00	6.85
20.00	28.73	320.00	10.56	620.00	6.79
30.00	25.13	330.00	10.44	630.00	6.64
40.00	23.65	340.00	10.23	640.00	6.53
50.00	22.28	350.00	10.12	650.00	6.47
60.00	20.30	360.00	9.96	660.00	6.36
70.00	19.59	370.00	9.72		
80.00	19.00	380.00	9.57		
90.00	18.26	390.00	9.48		
100.00	17.77	400.00	9.29		
110.00	17.35	410.00	9.13		
120.00	16.91	420.00	8.98		
130.00	16.50	430.00	8.85		
140.00	16.06	440.00	8.70		
150.00	15.55	450.00	8.58		
160.00	14.95	460.00	8.45		
170.00	14.46	470.00	8.32		
180.00	14.12	480.00	8.18		
190.00	13.95	490.00	8.09		
200.00	13.70	500.00	7.94		
210.00	13.41	510.00	7.87		
220.00	13.17	520.00	7.73		
230.00	12.87	530.00	7.58		
240.00	12.51	540.00	7.46		
250.00	12.20	550.00	7.30		
260.00	12.02	560.00	7.22		
270.00	11.84	570.00	7.05		
280.00	11.54	580.00	7.03		
290.00	11.37	590.00	6.93		
300.00	11.09	600.00	6.88		

Cruise: GULFCET 02 Station: 06-062 Probe Type: T-7
 Latitude: 27° 42.98' N Longitude: 92° 49.95' W Date: 18-Aug-1992 Time: 1358

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.20	310.00	11.18
20.00	28.94	320.00	10.98
30.00	25.40	330.00	10.88
40.00	23.10		
50.00	22.42		
60.00	20.97		
70.00	20.37		
80.00	19.75		
90.00	18.61		
100.00	17.76		
110.00	17.34		
120.00	16.99		
130.00	16.59		
140.00	16.05		
150.00	15.58		
160.00	15.14		
170.00	14.74		
180.00	14.36		
190.00	14.10		
200.00	13.64		
210.00	13.39		
220.00	13.23		
230.00	12.99		
240.00	12.90		
250.00	12.50		
260.00	12.08		
270.00	12.00		
280.00	11.71		
290.00	11.49		
300.00	11.35		

Cruise: GULFCET 02
Latitude: 27° 54.51' N

Station: 06-063
Longitude: 92° 50.00' W

Probe Type: T-10
Date: 18-Aug-1992
Time: 1204

Depth (m)	Temp. (°C)
10.00	29.24
20.00	29.19
30.00	28.06
40.00	24.75
50.00	22.27
60.00	21.02
70.00	20.13
80.00	19.68
90.00	19.17
100.00	18.53
110.00	18.06
120.00	17.31
130.00	16.97
140.00	16.77
150.00	16.26
160.00	16.04
170.00	15.74
180.00	15.15
190.00	14.96

Cruise: GULFCET 02
Latitude: 26° 36.00' N

Station: 06-EX5
Longitude: 92° 50.00' W

Probe Type: T-7
Date: 19-Aug-1992
Time: 322

Depth (m)	Temp. (°C)
10.00	29.62
20.00	29.96
30.00	29.74
40.00	28.82
50.00	25.41
60.00	23.61
70.00	22.54
80.00	21.86
90.00	21.31
100.00	20.66
110.00	19.97
120.00	19.23
130.00	18.45
140.00	17.75
150.00	17.03
160.00	16.58
170.00	16.09
180.00	15.87
190.00	15.35
200.00	15.01

Cruise: GULFCET 02 **Station:** 07-066 **Probe Type:** T-10
Latitude: 27° 52.98' N **Longitude:** 92° 9.89' W **Date:** 18-Aug-1992 **Time:** 449

Depth (m)	Temp. (°C)
10.00	29.34
20.00	29.33
30.00	27.49
40.00	24.54
50.00	23.29
60.00	21.70
70.00	20.54
80.00	19.78
90.00	19.09
100.00	18.59
110.00	17.99
120.00	17.83
130.00	17.36
140.00	16.87
150.00	16.41
160.00	15.93
170.00	15.56
180.00	15.20
190.00	14.92
200.00	14.66

Cruise: GULFCET 02 **Station:** 07-067 **Probe Type:** T-7
Latitude: 27° 51.99' N **Longitude:** 92° 9.86' W **Date:** 18-Aug-1992 **Time:** 437

Depth (m)	Temp. (°C)
10.00	29.32
20.00	29.31
30.00	27.40
40.00	24.33
50.00	23.04
60.00	21.89
70.00	20.47
80.00	19.66
90.00	19.07
100.00	18.30
110.00	17.94
120.00	17.60
130.00	17.23
140.00	16.72
150.00	16.35
160.00	15.80
170.00	15.50
180.00	15.24
190.00	14.89
200.00	14.47
210.00	14.25
220.00	13.94
230.00	13.75
240.00	13.53
250.00	13.20
260.00	13.05
270.00	12.71
280.00	12.33
290.00	12.03

Cruise: GULFCET 02 Station: 07-068 Probe Type: T-7
 Latitude: 27° 44.94' N Longitude: 92° 10.07' W Date: 18-Aug-1992 Time: 331

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.32	310.00	11.10
20.00	29.25	320.00	10.86
30.00	25.74	330.00	10.80
40.00	23.78	340.00	10.59
50.00	22.28	350.00	10.26
60.00	21.00	360.00	10.08
70.00	20.21	370.00	9.92
80.00	19.32	380.00	9.70
90.00	18.94	390.00	9.48
100.00	18.35	400.00	9.14
110.00	17.94	410.00	8.83
120.00	17.61	420.00	8.74
130.00	16.95	430.00	8.59
140.00	16.54	440.00	8.58
150.00	16.07	450.00	8.58
160.00	15.52	460.00	8.57
170.00	15.33	470.00	8.48
180.00	14.92	480.00	8.34
190.00	14.59	490.00	8.15
200.00	14.19		
210.00	13.91		
220.00	13.58		
230.00	13.30		
240.00	13.06		
250.00	12.69		
260.00	12.38		
270.00	12.19		
280.00	11.85		
290.00	11.48		
300.00	11.26		

Cruise: GULFCET 02 Station: 07-069 Probe Type: T-7
 Latitude: 27° 37.04' N Longitude: 92° 10.02' W Date: 18-Aug-1992 Time: 216

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.28	310.00	11.46	610.00	6.73
20.00	29.10	320.00	11.22	620.00	6.62
30.00	25.47	330.00	10.93	630.00	6.58
40.00	24.12	340.00	10.74		
50.00	22.64	350.00	10.52		
60.00	21.16	360.00	10.24		
70.00	20.37	370.00	10.14		
80.00	19.41	380.00	9.91		
90.00	18.89	390.00	9.74		
100.00	18.33	400.00	9.48		
110.00	17.72	410.00	9.33		
120.00	17.24	420.00	9.19		
130.00	16.81	430.00	9.01		
140.00	16.48	440.00	8.83		
150.00	16.15	450.00	8.70		
160.00	15.92	460.00	8.57		
170.00	15.63	470.00	8.39		
180.00	15.28	480.00	8.29		
190.00	14.75	490.00	8.12		
200.00	14.27	500.00	8.02		
210.00	14.01	510.00	7.90		
220.00	13.71	520.00	7.84		
230.00	13.41	530.00	7.71		
240.00	13.15	540.00	7.58		
250.00	12.96	550.00	7.45		
260.00	12.84	560.00	7.31		
270.00	12.51	570.00	7.19		
280.00	12.18	580.00	7.07		
290.00	11.99	590.00	6.90		
300.00	11.74	600.00	6.86		

Cruise: GULFCET 02 Station: 07-070 Probe Type: T-7
 Latitude: 27° 29.46' N Longitude: 92° 9.98' W Date: 18-Aug-1992 Time: 106

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.24	310.00	11.41	610.00	6.88
20.00	28.97	320.00	11.20	620.00	6.81
30.00	25.90	330.00	10.94	630.00	6.69
40.00	23.94	340.00	10.76	640.00	6.64
50.00	22.05	350.00	10.57	650.00	6.56
60.00	21.31	360.00	10.34	660.00	6.50
70.00	20.43	370.00	10.09	670.00	6.42
80.00	19.79	380.00	9.87	680.00	6.36
90.00	19.21	390.00	9.59	690.00	6.29
100.00	18.30	400.00	9.42	700.00	6.18
110.00	17.67	410.00	9.21	710.00	6.09
120.00	17.26	420.00	9.18	720.00	6.08
130.00	16.79	430.00	9.01	730.00	6.02
140.00	16.43	440.00	8.77	740.00	5.97
150.00	16.10	450.00	8.65	750.00	5.93
160.00	15.82	460.00	8.44	760.00	5.87
170.00	15.35	470.00	8.35		
180.00	15.01	480.00	8.23		
190.00	14.71	490.00	8.16		
200.00	14.46	500.00	8.10		
210.00	14.22	510.00	7.96		
220.00	13.89	520.00	7.86		
230.00	13.64	530.00	7.75		
240.00	13.33	540.00	7.67		
250.00	13.11	550.00	7.51		
260.00	12.87	560.00	7.36		
270.00	12.49	570.00	7.26		
280.00	12.16	580.00	7.17		
290.00	11.87	590.00	7.06		
300.00	11.66	600.00	6.98		

Cruise: GULFCET 02 Station: 07-072 Probe Type: T-7
 Latitude: 27° 9.49' N Longitude: 92° 10.05' W Date: 17-Aug-1992 Time: 2054

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.66	310.00	11.73	610.00	7.06
20.00	29.61	320.00	11.53	620.00	6.95
30.00	29.12	330.00	11.38	630.00	6.84
40.00	25.73	340.00	11.16	640.00	6.79
50.00	24.34	350.00	10.99	650.00	6.71
60.00	22.76	360.00	10.71	660.00	6.62
70.00	21.94	370.00	10.54	670.00	6.55
80.00	20.69	380.00	10.37	680.00	6.45
90.00	20.04	390.00	10.22	690.00	6.37
100.00	19.25	400.00	9.99	700.00	6.31
110.00	18.61	410.00	9.83	710.00	6.23
120.00	18.23	420.00	9.69	720.00	6.18
130.00	17.85	430.00	9.51	730.00	6.10
140.00	17.40	440.00	9.34	740.00	6.00
150.00	16.88	450.00	9.19	750.00	5.96
160.00	16.35	460.00	8.97	760.00	5.90
170.00	15.92	470.00	8.77		
180.00	15.35	480.00	8.61		
190.00	14.93	490.00	8.50		
200.00	14.73	500.00	8.39		
210.00	14.40	510.00	8.25		
220.00	14.15	520.00	8.11		
230.00	13.94	530.00	7.97		
240.00	13.67	540.00	7.85		
250.00	13.30	550.00	7.75		
260.00	13.01	560.00	7.61		
270.00	12.83	570.00	7.52		
280.00	12.39	580.00	7.45		
290.00	12.13	590.00	7.29		
300.00	11.94	600.00	7.19		

Cruise: GULFCET 02 Station: 08-079 Probe Type: T-7
 Latitude: 27° 23.05' N Longitude: 91° 29.96' W Date: 16-Aug-1992 Time: 2139

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.50	310.00	12.35	610.00	7.16
20.00	29.59	320.00	12.03	620.00	7.10
30.00	29.60	330.00	11.85	630.00	7.02
40.00	27.94	340.00	11.60	640.00	6.94
50.00	25.60	350.00	11.19	650.00	6.85
60.00	24.21	360.00	10.96	660.00	6.74
70.00	23.37	370.00	10.80	670.00	6.61
80.00	22.88	380.00	10.62	680.00	6.53
90.00	22.49	390.00	10.37	690.00	6.48
100.00	21.57	400.00	10.17	700.00	6.39
110.00	20.94	410.00	10.10	710.00	6.33
120.00	20.01	420.00	9.93	720.00	6.22
130.00	19.51	430.00	9.68	730.00	6.15
140.00	19.13	440.00	9.50	740.00	6.02
150.00	18.28	450.00	9.30	750.00	5.97
160.00	18.16	460.00	9.13	760.00	5.89
170.00	17.54	470.00	8.93		
180.00	16.90	480.00	8.85		
190.00	16.47	490.00	8.61		
200.00	16.07	500.00	8.42		
210.00	15.71	510.00	8.28		
220.00	15.20	520.00	8.14		
230.00	15.02	530.00	8.03		
240.00	14.41	540.00	7.93		
250.00	14.06	550.00	7.85		
260.00	13.84	560.00	7.79		
270.00	13.38	570.00	7.67		
280.00	13.06	580.00	7.48		
290.00	12.75	590.00	7.38		
300.00	12.59	600.00	7.31		

Cruise: GULFCET 02 Station: 08-081 Probe Type: T-7
 Latitude: 27° 32.95' N Longitude: 91° 29.98' W Date: 16-Aug-1992 Time: 1849

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.61	310.00	12.01	610.00	6.96
20.00	29.61	320.00	11.77	620.00	6.88
30.00	29.53	330.00	11.53	630.00	6.80
40.00	27.04	340.00	11.29	640.00	6.76
50.00	25.00	350.00	11.07	650.00	6.61
60.00	23.81	360.00	10.78	660.00	6.45
70.00	22.24	370.00	10.58	670.00	6.34
80.00	20.98	380.00	10.34	680.00	6.27
90.00	20.52	390.00	10.11	690.00	6.20
100.00	20.15	400.00	9.88	700.00	6.13
110.00	19.83	410.00	9.66	710.00	6.07
120.00	19.46	420.00	9.49	720.00	5.99
130.00	18.94	430.00	9.30	730.00	5.92
140.00	18.48	440.00	9.11	740.00	5.88
150.00	18.05	450.00	8.99	750.00	5.84
160.00	17.62	460.00	8.81	760.00	5.78
170.00	17.15	470.00	8.69		
180.00	16.67	480.00	8.57		
190.00	16.40	490.00	8.43		
200.00	16.05	500.00	8.27		
210.00	15.63	510.00	8.16		
220.00	15.20	520.00	8.08		
230.00	14.89	530.00	7.99		
240.00	14.48	540.00	7.91		
250.00	14.13	550.00	7.69		
260.00	13.55	560.00	7.56		
270.00	13.33	570.00	7.41		
280.00	13.04	580.00	7.26		
290.00	12.68	590.00	7.17		
300.00	12.35	600.00	7.07		

Cruise: GULFCET 02 Station: 08-082 Probe Type: T-7
 Latitude: 27° 45.44' N Longitude: 91° 30.14' W Date: 16-Aug-1992 Time: 1644

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.67	310.00	11.82	610.00	6.71
20.00	30.09	320.00	11.74	620.00	6.63
30.00	28.06	330.00	11.41	630.00	6.59
40.00	24.87	340.00	11.17	640.00	6.57
50.00	23.30	350.00	10.92	650.00	6.48
60.00	22.28	360.00	10.63	660.00	6.45
70.00	21.41	370.00	10.60	670.00	6.45
80.00	20.78	380.00	10.03	680.00	6.37
90.00	20.55	390.00	9.56	690.00	6.35
100.00	19.96	400.00	9.15	700.00	6.25
110.00	19.31	410.00	8.88		
120.00	18.61	420.00	8.78		
130.00	18.26	430.00	8.58		
140.00	17.81	440.00	8.48		
150.00	17.20	450.00	8.38		
160.00	16.67	460.00	8.21		
170.00	16.17	470.00	8.05		
180.00	15.64	480.00	7.89		
190.00	15.18	490.00	7.82		
200.00	14.85	500.00	7.68		
210.00	14.50	510.00	7.58		
220.00	14.19	520.00	7.46		
230.00	13.88	530.00	7.29		
240.00	13.50	540.00	7.25		
250.00	13.15	550.00	7.19		
260.00	12.84	560.00	7.13		
270.00	12.59	570.00	7.06		
280.00	12.48	580.00	6.94		
290.00	12.26	590.00	6.83		
300.00	12.04	600.00	6.79		

Cruise: GULFCET 02 Station: 08-083 Probe Type: T-7
 Latitude: 27° 49.45' N Longitude: 91° 29.94' W Date: 16-Aug-1992 Time: 1559

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.75	310.00	11.34
20.00	29.89	320.00	10.99
30.00	27.01	330.00	10.65
40.00	24.62	340.00	10.48
50.00	22.80	350.00	10.31
60.00	21.92	360.00	10.06
70.00	21.07		
80.00	20.67		
90.00	19.98		
100.00	19.28		
110.00	18.54		
120.00	18.22		
130.00	17.89		
140.00	17.51		
150.00	17.18		
160.00	16.51		
170.00	16.11		
180.00	15.73		
190.00	15.48		
200.00	15.10		
210.00	14.74		
220.00	14.17		
230.00	13.72		
240.00	13.34		
250.00	13.22		
260.00	12.82		
270.00	12.38		
280.00	12.16		
290.00	12.06		
300.00	11.75		

Cruise: GULFCET 02
Latitude: 27° 51.98' N

Station: 08-084
Longitude: 91° 29.88' W

Probe Type: T-7
Date: 16-Aug-1992

Time: 1535

Depth (m)	Temp. (°C)
10.00	29.54
20.00	29.08
30.00	26.93
40.00	24.38
50.00	22.58
60.00	21.60
70.00	21.03
80.00	20.24
90.00	19.37
100.00	18.56
110.00	17.96
120.00	17.58
130.00	17.30
140.00	16.90
150.00	16.78
160.00	16.43
170.00	16.19
180.00	15.86
190.00	15.53
200.00	14.85
210.00	14.35
220.00	14.04
230.00	13.42
240.00	13.34
250.00	13.12

Cruise: GULFCET 02
Latitude: 27° 52.98' N

Station: 08-085
Longitude: 91° 29.91' W

Probe Type: T-10
Date: 16-Aug-1992

Time: 1521

Depth (m)	Temp. (°C)
10.00	29.52
20.00	29.71
30.00	27.46
40.00	24.74
50.00	22.96
60.00	21.82
70.00	21.01
80.00	20.33
90.00	19.63
100.00	18.89
110.00	18.20
120.00	17.84
130.00	17.64
140.00	17.28
150.00	17.03
160.00	16.55
170.00	16.29
180.00	15.91
190.00	15.55
200.00	15.00

Cruise: GULFCET 02 Station: 08-EX1 Probe Type: T-7
 Latitude: 27° 27.18' N Longitude: 91° 30.40' W Date: 16-Aug-1992 Time: 1945

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.45	310.00	11.99
20.00	29.45	320.00	11.65
30.00	29.44	330.00	11.43
40.00	28.55	340.00	11.16
50.00	25.41	350.00	10.97
60.00	23.96	360.00	10.78
70.00	23.04	370.00	10.62
80.00	22.05	380.00	10.36
90.00	21.34	390.00	10.19
100.00	20.72	400.00	10.04
110.00	20.12	410.00	9.85
120.00	19.57	420.00	9.65
130.00	18.91	430.00	9.47
140.00	18.81	440.00	9.27
150.00	18.17	450.00	9.05
160.00	17.74	460.00	8.94
170.00	17.09	470.00	8.80
180.00	16.45	480.00	8.59
190.00	16.16	490.00	8.47
200.00	15.70	500.00	8.35
210.00	15.59	510.00	8.25
220.00	15.08		
230.00	14.56		
240.00	14.33		
250.00	13.80		
260.00	13.43		
270.00	13.25		
280.00	12.99		
290.00	12.65		
300.00	12.27		

Cruise: GULFCET 02 Station: 09-088 Probe Type: T-10
 Latitude: 28° 2.49' N Longitude: 90° 50.01' W Date: 16-Aug-1992 Time: 651

Depth (m)	Temp. (°C)
10.00	29.59
20.00	30.45
30.00	29.83
40.00	23.37
50.00	21.98
60.00	20.79
70.00	20.40
80.00	19.87
90.00	19.42
100.00	19.14
110.00	18.64
120.00	17.94
130.00	17.37
140.00	16.91
150.00	16.65
160.00	16.48
170.00	16.17
180.00	15.71
190.00	15.20

Cruise: GULFCET 02
Latitude: 28° .02' N

Station: 09-089
Longitude: 90° 50.06' W

Probe Type: T-7
Date: 16-Aug-1992

Time: 625

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	30.39	310.00	11.29
20.00	30.52	320.00	11.14
30.00	28.85		
40.00	24.35		
50.00	22.04		
60.00	20.75		
70.00	20.63		
80.00	20.09		
90.00	19.04		
100.00	18.47		
110.00	18.17		
120.00	17.88		
130.00	17.42		
140.00	16.81		
150.00	16.27		
160.00	16.02		
170.00	15.63		
180.00	15.41		
190.00	15.05		
200.00	14.64		
210.00	14.42		
220.00	14.14		
230.00	13.82		
240.00	13.37		
250.00	13.14		
260.00	12.83		
270.00	12.67		
280.00	12.45		
290.00	12.06		
300.00	11.72		

Cruise: GULFCET 02
Latitude: 27° 51.94' N

Station: 09-090
Longitude: 90° 49.95' W

Probe Type: T-7
Date: 16-Aug-1992

Time: 457

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.91	310.00	11.01
20.00	30.44	320.00	10.74
30.00	29.12	330.00	10.25
40.00	25.57	340.00	10.01
50.00	22.10	350.00	9.87
60.00	20.75	360.00	9.72
70.00	20.02	370.00	9.53
80.00	19.43	380.00	9.46
90.00	19.14	390.00	9.15
100.00	18.98	400.00	9.02
110.00	18.54	410.00	8.96
120.00	17.77	420.00	8.87
130.00	17.27	430.00	8.71
140.00	16.84		
150.00	16.42		
160.00	16.21		
170.00	15.83		
180.00	15.41		
190.00	15.07		
200.00	14.88		
210.00	14.66		
220.00	14.29		
230.00	14.07		
240.00	13.75		
250.00	13.47		
260.00	13.05		
270.00	12.42		
280.00	11.86		
290.00	11.53		
300.00	11.46		

Cruise: GULFCET 02 Station: 09-091 Probe Type: T-7
 Latitude: 27° 46.80' N Longitude: 90° 50.00' W Date: 16-Aug-1992 Time: 403

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.74	310.00	11.92	610.00	6.76
20.00	30.50	320.00	11.59	620.00	6.67
30.00	29.04	330.00	11.28	630.00	6.61
40.00	25.98	340.00	11.03	640.00	6.60
50.00	23.35	350.00	10.83	650.00	6.57
60.00	21.47	360.00	10.47	660.00	6.47
70.00	21.01	370.00	10.26		
80.00	19.89	380.00	10.09		
90.00	19.24	390.00	9.64		
100.00	18.58	400.00	9.41		
110.00	18.46	410.00	9.37		
120.00	17.95	420.00	9.20		
130.00	17.44	430.00	9.03		
140.00	17.03	440.00	8.87		
150.00	16.53	450.00	8.65		
160.00	16.10	460.00	8.52		
170.00	15.67	470.00	8.42		
180.00	15.20	480.00	8.21		
190.00	15.07	490.00	8.07		
200.00	14.60	500.00	8.03		
210.00	14.37	510.00	7.90		
220.00	14.13	520.00	7.71		
230.00	13.94	530.00	7.66		
240.00	13.75	540.00	7.58		
250.00	13.48	550.00	7.52		
260.00	13.25	560.00	7.36		
270.00	13.02	570.00	7.29		
280.00	12.73	580.00	7.14		
290.00	12.56	590.00	6.98		
300.00	12.10	600.00	6.87		

Cruise: GULFCET 02 Station: 09-092 Probe Type: T-7
 Latitude: 27° 39.50' N Longitude: 90° 50.00' W Date: 16-Aug-1992 Time: 304

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.48	310.00	11.55	610.00	6.80
20.00	29.97	320.00	11.41	620.00	6.66
30.00	26.88	330.00	11.15	630.00	6.59
40.00	24.92	340.00	11.03	640.00	6.42
50.00	23.22	350.00	10.87	650.00	6.34
60.00	21.90	360.00	10.62	660.00	6.30
70.00	21.11	370.00	10.29	670.00	6.26
80.00	20.66	380.00	10.03	680.00	6.21
90.00	19.85	390.00	9.82	690.00	6.14
100.00	19.26	400.00	9.69	700.00	6.05
110.00	18.42	410.00	9.57	710.00	6.02
120.00	18.03	420.00	9.44	720.00	5.97
130.00	17.63	430.00	9.21	730.00	5.95
140.00	17.03	440.00	9.00	740.00	5.92
150.00	16.65	450.00	8.75	750.00	5.92
160.00	16.26	460.00	8.55	760.00	5.90
170.00	15.84	470.00	8.40	770.00	5.84
180.00	15.45	480.00	8.36	780.00	5.73
190.00	15.32	490.00	8.30	790.00	5.67
200.00	14.99	500.00	8.14	800.00	5.67
210.00	14.59	510.00	7.97	810.00	5.65
220.00	14.15	520.00	7.87	820.00	5.63
230.00	13.78	530.00	7.74	830.00	5.56
240.00	13.54	540.00	7.58		
250.00	13.08	550.00	7.46		
260.00	12.81	560.00	7.32		
270.00	12.49	570.00	7.20		
280.00	12.21	580.00	7.08		
290.00	11.97	590.00	6.96		
300.00	11.72	600.00	6.87		

Cruise: GULFCET 02
Latitude: 27° 15.95' N

Station: 09-094
Longitude: 90° 49.27' W

Probe Type: T-20
Date: 15-Aug-1992

Time: 2201

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	30.22	310.00	12.08	610.00	7.11	910.00	5.18
20.00	30.07	320.00	11.92	620.00	7.01	920.00	5.14
30.00	29.65	330.00	11.70	630.00	6.92	930.00	5.11
40.00	29.17	340.00	11.41	640.00	6.81	940.00	5.08
50.00	25.89	350.00	11.25	650.00	6.69	950.00	5.07
60.00	24.53	360.00	10.94	660.00	6.62	960.00	5.03
70.00	22.48	370.00	10.64	670.00	6.52	970.00	4.99
80.00	21.72	380.00	10.46	680.00	6.42	980.00	4.96
90.00	21.17	390.00	10.31	690.00	6.33	990.00	4.91
100.00	20.24	400.00	10.17	700.00	6.27		
110.00	19.85	410.00	9.98	710.00	6.21		
120.00	19.51	420.00	9.83	720.00	6.15		
130.00	19.08	430.00	9.71	730.00	6.10		
140.00	18.92	440.00	9.57	740.00	6.02		
150.00	18.26	450.00	9.40	750.00	5.97		
160.00	17.37	460.00	9.25	760.00	5.89		
170.00	16.68	470.00	9.01	770.00	5.84		
180.00	16.01	480.00	8.83	780.00	5.80		
190.00	15.61	490.00	8.65	790.00	5.75		
200.00	15.22	500.00	8.43	800.00	5.70		
210.00	15.00	510.00	8.20	810.00	5.65		
220.00	14.41	520.00	8.11	820.00	5.62		
230.00	13.97	530.00	8.06	830.00	5.55		
240.00	13.85	540.00	7.88	840.00	5.49		
250.00	13.59	550.00	7.80	850.00	5.43		
260.00	13.25	560.00	7.57	860.00	5.38		
270.00	13.04	570.00	7.43	870.00	5.34		
280.00	12.84	580.00	7.37	880.00	5.28		
290.00	12.60	590.00	7.26	890.00	5.26		
300.00	12.36	600.00	7.17	900.00	5.23		

Cruise: GULFCET 02
Latitude: 27° 11.54' N

Station: 10-098
Longitude: 90° 9.99' W

Probe Type: T-20
Date: 15-Aug-1992

Time: 803

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.81	310.00	12.42	610.00	6.73
20.00	30.38	320.00	12.12	620.00	6.67
30.00	29.92	330.00	11.64	630.00	6.59
40.00	29.32	340.00	11.28	640.00	6.53
50.00	27.33	350.00	10.92	650.00	6.49
60.00	25.49	360.00	10.70	660.00	6.45
70.00	23.40	370.00	10.25	670.00	6.37
80.00	22.87	380.00	9.76	680.00	6.32
90.00	22.03	390.00	9.48	690.00	6.24
100.00	21.29	400.00	9.33	700.00	6.12
110.00	20.75	410.00	9.19	710.00	6.03
120.00	20.28	420.00	9.01	720.00	5.95
130.00	19.99	430.00	8.95	730.00	5.95
140.00	19.14	440.00	8.79	740.00	5.85
150.00	17.99	450.00	8.63	750.00	5.82
160.00	17.53	460.00	8.52	760.00	5.75
170.00	17.22	470.00	8.41	770.00	5.65
180.00	16.84	480.00	8.24	780.00	5.62
190.00	16.57	490.00	8.13	790.00	5.57
200.00	16.23	500.00	7.98	800.00	5.56
210.00	15.75	510.00	7.90	810.00	5.51
220.00	15.38	520.00	7.72	820.00	5.50
230.00	15.19	530.00	7.59	830.00	5.44
240.00	14.69	540.00	7.40	840.00	5.37
250.00	14.24	550.00	7.26	850.00	5.35
260.00	14.00	560.00	7.18	860.00	5.26
270.00	13.77	570.00	7.10	870.00	5.21
280.00	13.49	580.00	7.01	880.00	5.16
290.00	13.15	590.00	6.88		
300.00	12.76	600.00	6.78		

Cruise: GULFCET 02 Station: 10-099 Probe Type: T-20
 Latitude: 27° 40.00' N Longitude: 90° 10.00' W Date: 15-Aug-1992 Time: 331

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.63	310.00	10.81	610.00	6.49
20.00	30.55	320.00	10.56	620.00	6.37
30.00	29.56	330.00	10.33	630.00	6.25
40.00	25.57	340.00	10.15	640.00	6.14
50.00	23.77	350.00	9.98	650.00	6.02
60.00	22.60	360.00	9.83	660.00	5.96
70.00	21.76	370.00	9.74	670.00	5.91
80.00	20.87	380.00	9.55	680.00	5.83
90.00	19.51	390.00	9.30	690.00	5.76
100.00	18.66	400.00	9.09	700.00	5.74
110.00	18.14	410.00	8.93	710.00	5.71
120.00	17.64	420.00	8.71	720.00	5.67
130.00	17.03	430.00	8.55	730.00	5.64
140.00	16.56	440.00	8.50	740.00	5.62
150.00	16.26	450.00	8.40	750.00	5.58
160.00	15.82	460.00	8.26	760.00	5.56
170.00	15.57	470.00	8.07		
180.00	14.99	480.00	7.95		
190.00	14.56	490.00	7.85		
200.00	14.03	500.00	7.65		
210.00	13.80	510.00	7.49		
220.00	13.53	520.00	7.36		
230.00	13.14	530.00	7.25		
240.00	12.78	540.00	7.16		
250.00	12.48	550.00	6.98		
260.00	12.18	560.00	6.88		
270.00	11.86	570.00	6.82		
280.00	11.61	580.00	6.73		
290.00	11.43	590.00	6.66		
300.00	11.15	600.00	6.56		

Cruise: GULFCET 02 Station: 10-101 Probe Type: T-7
 Latitude: 27° 49.88' N Longitude: 90° 9.88' W Date: 15-Aug-1992 Time: 59

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.38	310.00	10.91	610.00	6.63
20.00	30.34	320.00	10.70	620.00	6.53
30.00	26.95	330.00	10.42	630.00	6.44
40.00	24.22	340.00	10.33	640.00	6.39
50.00	22.45	350.00	10.17	650.00	6.39
60.00	21.47	360.00	9.96	660.00	6.36
70.00	20.97	370.00	9.79	670.00	6.32
80.00	20.29	380.00	9.74	680.00	6.27
90.00	19.43	390.00	9.53	690.00	6.20
100.00	18.70	400.00	9.35	700.00	6.16
110.00	17.95	410.00	9.23	710.00	6.09
120.00	17.37	420.00	8.96	720.00	6.09
130.00	16.90	430.00	8.71	730.00	6.07
140.00	16.39	440.00	8.45	740.00	6.06
150.00	15.97	450.00	8.36	750.00	6.03
160.00	15.55	460.00	8.18	760.00	5.98
170.00	15.25	470.00	8.13		
180.00	14.78	480.00	7.97		
190.00	14.32	490.00	7.72		
200.00	13.97	500.00	7.61		
210.00	13.63	510.00	7.55		
220.00	13.38	520.00	7.39		
230.00	12.98	530.00	7.34		
240.00	12.82	540.00	7.20		
250.00	12.52	550.00	7.14		
260.00	12.33	560.00	7.05		
270.00	11.87	570.00	6.94		
280.00	11.65	580.00	6.78		
290.00	11.43	590.00	6.72		
300.00	11.19	600.00	6.67		

Cruise: GULFCET 02 **Station:** 10-102 **Probe Type:** T-7
Latitude: 28° 1.93' N **Longitude:** 90° 10.06' W **Date:** 14-Aug-1992 **Time:** 2301

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.80	310.00	11.10
20.00	30.17	320.00	10.90
30.00	26.68	330.00	10.65
40.00	23.56	340.00	10.41
50.00	21.77	350.00	10.25
60.00	21.02	360.00	10.01
70.00	20.27	370.00	9.81
80.00	20.09	380.00	9.55
90.00	19.42	390.00	9.32
100.00	18.87	400.00	9.14
110.00	18.22	410.00	8.76
120.00	17.66	420.00	8.63
130.00	17.18	430.00	8.59
140.00	16.80	440.00	8.54
150.00	16.28	450.00	8.36
160.00	15.89	460.00	8.24
170.00	15.41	470.00	8.18
180.00	14.94	480.00	8.04
190.00	14.77	490.00	7.93
200.00	14.74		
210.00	14.13		
220.00	13.91		
230.00	13.59		
240.00	13.29		
250.00	12.94		
260.00	12.63		
270.00	12.38		
280.00	12.09		
290.00	11.77		
300.00	11.40		

Cruise: GULFCET 02 **Station:** 10-103 **Probe Type:** T-7
Latitude: 28° 4.04' N **Longitude:** 90° 10.09' W **Date:** 14-Aug-1992 **Time:** 2240

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.70	310.00	11.13
20.00	29.35	320.00	11.09
30.00	26.89	330.00	10.76
40.00	23.12	340.00	10.55
50.00	21.40	350.00	10.40
60.00	21.26	360.00	10.06
70.00	20.14		
80.00	19.83		
90.00	19.17		
100.00	18.86		
110.00	18.57		
120.00	18.16		
130.00	17.57		
140.00	17.00		
150.00	16.39		
160.00	15.96		
170.00	15.66		
180.00	15.36		
190.00	15.00		
200.00	14.67		
210.00	14.51		
220.00	14.12		
230.00	13.89		
240.00	13.20		
250.00	12.81		
260.00	12.54		
270.00	12.28		
280.00	12.09		
290.00	11.86		
300.00	11.56		

Cruise: GULFCET 02 Station: 10-104 Probe Type: T-10
Latitude: 28° 9.47' N Longitude: 90° 10.03' W Date: 14-Aug-1992 Time: 2150

Depth (m)	Temp. (°C)
10.00	29.98
20.00	30.22
30.00	28.84
40.00	24.08
50.00	21.62
60.00	20.49
70.00	20.08
80.00	19.70
90.00	19.44
100.00	18.98
110.00	18.55
120.00	17.78
130.00	17.27
140.00	16.70
150.00	16.19
160.00	15.81
170.00	15.42
180.00	15.30

Cruise: GULFCET 02 Station: 11-107 Probe Type: T-10
Latitude: 28° 36.61' N Longitude: 89° 30.03' W Date: 14-Aug-1992 Time: 1356

Depth (m)	Temp. (°C)
10.00	30.15
20.00	28.35
30.00	25.09
40.00	22.95
50.00	21.57
60.00	20.85
70.00	20.27
80.00	19.74
90.00	19.06
100.00	18.57
110.00	18.36
120.00	17.60
130.00	17.28
140.00	17.13

Cruise: GULFCET 02
Latitude: 28° 28.01' N

Station: 11-109
Longitude: 89° 30.04' W

Probe Type: T-7
Date: 14-Aug-1992

Time: 1239

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.97	310.00	11.50
20.00	28.03	320.00	11.10
30.00	24.82	330.00	10.80
40.00	22.31	340.00	10.47
50.00	21.60	350.00	10.15
60.00	20.55	360.00	9.96
70.00	19.87	370.00	9.95
80.00	19.07	380.00	9.67
90.00	18.64	390.00	9.10
100.00	17.90	400.00	8.77
110.00	17.18	410.00	8.70
120.00	16.76	420.00	8.67
130.00	16.44	430.00	8.62
140.00	16.04	440.00	8.62
150.00	15.85	450.00	8.62
160.00	15.61	460.00	8.61
170.00	15.15	470.00	8.61
180.00	14.83	480.00	8.46
190.00	14.65	490.00	8.30
200.00	14.23	500.00	8.21
210.00	14.00	510.00	8.04
220.00	13.72	520.00	8.00
230.00	13.54	530.00	7.96
240.00	13.07	540.00	7.53
250.00	12.91		
260.00	12.71		
270.00	12.42		
280.00	12.08		
290.00	11.85		
300.00	11.58		

Cruise: GULFCET 02
Latitude: 28° 21.48' N

Station: 11-110
Longitude: 89° 29.98' W

Probe Type: T-7
Date: 14-Aug-1992

Time: 1137

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.61	310.00	11.33	610.00	6.71
20.00	30.34	320.00	11.07	620.00	6.66
30.00	26.53	330.00	10.92	630.00	6.58
40.00	24.05	340.00	10.71	640.00	6.51
50.00	21.25	350.00	10.51	650.00	6.47
60.00	20.54	360.00	10.16	660.00	6.44
70.00	20.30	370.00	9.89	670.00	6.32
80.00	19.61	380.00	9.74	680.00	6.27
90.00	18.94	390.00	9.59	690.00	6.22
100.00	18.24	400.00	9.48	700.00	6.21
110.00	17.71	410.00	9.36	710.00	6.11
120.00	17.11	420.00	9.14	720.00	6.01
130.00	16.57	430.00	9.05	730.00	5.91
140.00	16.10	440.00	8.92	740.00	5.85
150.00	15.85	450.00	8.79	750.00	5.85
160.00	15.44	460.00	8.69	760.00	5.85
170.00	15.13	470.00	8.53		
180.00	14.68	480.00	8.36		
190.00	14.35	490.00	8.10		
200.00	14.02	500.00	7.84		
210.00	13.75	510.00	7.77		
220.00	13.36	520.00	7.59		
230.00	13.03	530.00	7.49		
240.00	12.71	540.00	7.36		
250.00	12.55	550.00	7.34		
260.00	12.36	560.00	7.20		
270.00	12.25	570.00	7.08		
280.00	11.93	580.00	6.94		
290.00	11.76	590.00	6.89		
300.00	11.50	600.00	6.77		

Cruise: GULFCET 02 Station: 11-111 Probe Type: T-20
 Latitude: 28° 15.01' N Longitude: 89° 30.07' W Date: 14-Aug-1992 Time: 1033

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.87	310.00	11.21	610.00	6.78	910.00	5.28
20.00	29.96	320.00	11.01	620.00	6.72	920.00	5.27
30.00	30.22	330.00	10.81	630.00	6.61	930.00	5.26
40.00	24.95	340.00	10.53	640.00	6.50	940.00	5.20
50.00	23.16	350.00	10.31	650.00	6.42		
60.00	21.22	360.00	10.07	660.00	6.31		
70.00	20.43	370.00	9.91	670.00	6.22		
80.00	19.75	380.00	9.77	680.00	6.14		
90.00	18.98	390.00	9.62	690.00	6.05		
100.00	18.13	400.00	9.44	700.00	5.96		
110.00	17.48	410.00	9.27	710.00	5.90		
120.00	16.98	420.00	9.13	720.00	5.86		
130.00	16.57	430.00	9.04	730.00	5.83		
140.00	16.07	440.00	8.96	740.00	5.77		
150.00	15.69	450.00	8.85	750.00	5.70		
160.00	15.43	460.00	8.79	760.00	5.63		
170.00	15.07	470.00	8.67	770.00	5.61		
180.00	14.87	480.00	8.43	780.00	5.58		
190.00	14.51	490.00	8.21	790.00	5.54		
200.00	14.07	500.00	8.00	800.00	5.53		
210.00	13.87	510.00	7.90	810.00	5.48		
220.00	13.60	520.00	7.83	820.00	5.45		
230.00	13.29	530.00	7.71	830.00	5.42		
240.00	12.95	540.00	7.53	840.00	5.42		
250.00	12.71	550.00	7.48	850.00	5.39		
260.00	12.49	560.00	7.30	860.00	5.37		
270.00	12.18	570.00	7.18	870.00	5.35		
280.00	11.88	580.00	7.10	880.00	5.34		
290.00	11.64	590.00	7.02	890.00	5.33		
300.00	11.44	600.00	6.94	900.00	5.30		

Cruise: GULFCET 02 Station: 11-113 Probe Type: T-20
 Latitude: 27° 38.00' N Longitude: 89° 29.90' W Date: 14-Aug-1992 Time: 300

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.73	310.00	10.80	610.00	6.41	910.00	5.06
20.00	30.21	320.00	10.57	620.00	6.35	920.00	5.04
30.00	30.23	330.00	10.33	630.00	6.29	930.00	5.03
40.00	26.84	340.00	10.14	640.00	6.19	940.00	5.01
50.00	24.25	350.00	10.00	650.00	6.13	950.00	5.00
60.00	23.37	360.00	9.83	660.00	6.02	960.00	4.98
70.00	22.38	370.00	9.56	670.00	5.96	970.00	4.98
80.00	21.28	380.00	9.42	680.00	5.90	980.00	4.96
90.00	20.63	390.00	9.24	690.00	5.88	990.00	4.94
100.00	19.51	400.00	9.07	700.00	5.82		
110.00	18.83	410.00	8.90	710.00	5.75		
120.00	18.14	420.00	8.72	720.00	5.72		
130.00	17.52	430.00	8.61	730.00	5.66		
140.00	17.09	440.00	8.48	740.00	5.56		
150.00	16.61	450.00	8.40	750.00	5.57		
160.00	16.32	460.00	8.15	760.00	5.55		
170.00	15.90	470.00	7.88	770.00	5.46		
180.00	15.31	480.00	7.82	780.00	5.43		
190.00	14.97	490.00	7.62	790.00	5.39		
200.00	14.47	500.00	7.50	800.00	5.35		
210.00	14.10	510.00	7.37	810.00	5.32		
220.00	13.86	520.00	7.25	820.00	5.29		
230.00	13.48	530.00	7.16	830.00	5.25		
240.00	13.12	540.00	7.09	840.00	5.24		
250.00	12.89	550.00	6.98	850.00	5.20		
260.00	12.65	560.00	6.85	860.00	5.14		
270.00	12.36	570.00	6.81	870.00	5.12		
280.00	12.09	580.00	6.75	880.00	5.10		
290.00	11.62	590.00	6.60	890.00	5.09		
300.00	11.16	600.00	6.51	900.00	5.07		

Cruise: GULFCET 02
Latitude: 28° 26.00' N

Station: 12-119
Longitude: 88° 50.00' W

Probe Type: T-7
Date:

Time:

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.81	310.00	11.56	610.00	6.69	910.00	5.03
20.00	30.34	320.00	11.29	620.00	6.60	920.00	4.99
30.00	27.74	330.00	11.02	630.00	6.55	930.00	5.00
40.00	24.52	340.00	10.81	640.00	6.47	940.00	4.97
50.00	22.80	350.00	10.47	650.00	6.37	950.00	4.98
60.00	21.30	360.00	10.19	660.00	6.26	960.00	4.96
70.00	20.34	370.00	10.03	670.00	6.19	970.00	4.93
80.00	19.83	380.00	9.84	680.00	6.14	980.00	4.92
90.00	19.33	390.00	9.59	690.00	6.09	990.00	4.91
100.00	18.77	400.00	9.27	700.00	6.06		
110.00	18.20	410.00	9.04	710.00	6.01		
120.00	17.64	420.00	8.90	720.00	5.94		
130.00	17.40	430.00	8.77	730.00	5.89		
140.00	16.95	440.00	8.71	740.00	5.83		
150.00	16.47	450.00	8.55	750.00	5.74		
160.00	16.26	460.00	8.35	760.00	5.68		
170.00	15.78	470.00	8.15	770.00	5.57		
180.00	15.32	480.00	7.96	780.00	5.53		
190.00	15.05	490.00	7.84	790.00	5.48		
200.00	14.77	500.00	7.70	800.00	5.43		
210.00	14.51	510.00	7.65	810.00	5.41		
220.00	14.23	520.00	7.51	820.00	5.38		
230.00	13.98	530.00	7.41	830.00	5.32		
240.00	13.73	540.00	7.30	840.00	5.30		
250.00	13.43	550.00	7.22	850.00	5.25		
260.00	12.94	560.00	7.14	860.00	5.19		
270.00	12.55	570.00	7.03	870.00	5.15		
280.00	12.41	580.00	6.95	880.00	5.11		
290.00	12.05	590.00	6.79	890.00	5.06		
300.00	11.65	600.00	6.73	900.00	5.04		

Cruise: GULFCET 02
Latitude: 28° 43.50' N

Station: 12-120
Longitude: 88° 50.00' W

Probe Type: T-20
Date: 13-Aug-1992

Time: 511

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.86	310.00	10.88	610.00	7.12	910.00	5.45
20.00	28.53	320.00	10.74	620.00	7.06	920.00	5.44
30.00	25.10	330.00	10.63	630.00	6.96	930.00	5.44
40.00	22.30	340.00	10.50	640.00	6.83	940.00	5.44
50.00	21.55	350.00	10.11	650.00	6.73	950.00	5.43
60.00	20.89	360.00	9.91	660.00	6.67	960.00	5.42
70.00	20.61	370.00	9.76	670.00	6.63	970.00	5.42
80.00	20.01	380.00	9.59	680.00	6.54	980.00	5.43
90.00	19.53	390.00	9.40	690.00	6.54	990.00	5.42
100.00	18.91	400.00	9.24	700.00	6.46		
110.00	18.25	410.00	8.98	710.00	6.41		
120.00	16.99	420.00	8.74	720.00	6.35		
130.00	16.66	430.00	8.62	730.00	6.32		
140.00	16.72	440.00	8.54	740.00	6.23		
150.00	16.35	450.00	8.43	750.00	6.17		
160.00	15.77	460.00	8.36	760.00	6.12		
170.00	15.09	470.00	8.32	770.00	6.06		
180.00	14.65	480.00	8.23	780.00	6.00		
190.00	14.31	490.00	8.07	790.00	5.93		
200.00	14.09	500.00	8.04	800.00	5.86		
210.00	13.77	510.00	7.99	810.00	5.83		
220.00	13.45	520.00	7.91	820.00	5.81		
230.00	13.10	530.00	7.83	830.00	5.77		
240.00	12.81	540.00	7.78	840.00	5.76		
250.00	12.32	550.00	7.72	850.00	5.71		
260.00	12.10	560.00	7.63	860.00	5.66		
270.00	11.93	570.00	7.47	870.00	5.30		
280.00	11.83	580.00	7.36	880.00	5.48		
290.00	11.59	590.00	7.25	890.00	5.44		
300.00	11.22	600.00	7.18	900.00	5.43		

Cruise: GULFCET 02 Station: 12-121 Probe Type: T-7
 Latitude: 28° 47.00' N Longitude: 88° 50.00' W Date: 13-Aug-1992 Time: 435

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.89	310.00	10.60	610.00	7.14
20.00	29.30	320.00	10.37	620.00	7.03
30.00	24.31	330.00	10.10	630.00	6.95
40.00	21.94	340.00	9.93	640.00	6.90
50.00	21.13	350.00	9.74	650.00	6.86
60.00	20.71	360.00	9.55	660.00	6.79
70.00	20.18	370.00	9.44	670.00	6.73
80.00	19.85	380.00	9.29	680.00	6.63
90.00	19.38	390.00	9.24	690.00	6.40
100.00	19.02	400.00	9.17	700.00	6.30
110.00	18.29	410.00	9.02	710.00	6.14
120.00	17.54	420.00	8.95	720.00	6.02
130.00	16.94	430.00	8.67		
140.00	16.43	440.00	8.53		
150.00	15.86	450.00	8.38		
160.00	15.33	460.00	8.33		
170.00	14.99	470.00	8.29		
180.00	14.81	480.00	8.27		
190.00	14.34	490.00	8.23		
200.00	14.00	500.00	8.17		
210.00	13.74	510.00	8.18		
220.00	13.34	520.00	8.14		
230.00	13.13	530.00	8.08		
240.00	12.79	540.00	7.93		
250.00	12.43	550.00	7.80		
260.00	12.09	560.00	7.65		
270.00	11.70	570.00	7.51		
280.00	11.39	580.00	7.39		
290.00	11.19	590.00	7.29		
300.00	10.98	600.00	7.19		

Cruise: GULFCET 02 Station: 12-122 Probe Type: T-7
 Latitude: 28° 53.00' N Longitude: 88° 50.00' W Date: 13-Aug-1992 Time: 328

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	30.32	310.00	10.92
20.00	28.68	320.00	10.68
30.00	25.59	330.00	10.47
40.00	22.64	340.00	10.33
50.00	21.56	350.00	10.16
60.00	20.75	360.00	9.96
70.00	20.13	370.00	9.96
80.00	19.78	380.00	9.98
90.00	19.33	390.00	9.98
100.00	18.87	400.00	9.71
110.00	18.46	410.00	9.21
120.00	17.94		
130.00	17.47		
140.00	17.03		
150.00	16.47		
160.00	16.24		
170.00	15.64		
180.00	15.38		
190.00	14.79		
200.00	14.55		
210.00	14.32		
220.00	13.94		
230.00	13.31		
240.00	12.82		
250.00	12.36		
260.00	12.23		
270.00	12.07		
280.00	11.80		
290.00	11.65		
300.00	11.31		

Cruise: GULFCET 02
Latitude: 28° 55.50' N

Station: 12-123
Longitude: 88° 50.00' W

Probe Type: T-7
Date: 13-Aug-1992
Time: 302

Depth (m)	Temp. (°C)
10.00	29.70
20.00	29.63
30.00	23.44
40.00	22.43
50.00	21.41
60.00	20.59
70.00	20.21
80.00	19.78
90.00	19.30
100.00	18.92
110.00	18.49
120.00	18.07
130.00	17.63
140.00	17.07
150.00	16.70
160.00	16.30
170.00	15.86
180.00	15.39
190.00	15.04
200.00	14.70
210.00	14.03
220.00	13.74
230.00	13.50
240.00	13.24
250.00	13.06
260.00	12.68
270.00	12.24
280.00	12.11
290.00	11.40

Cruise: GULFCET 02
Latitude: 29° 0.00' N

Station: 12-124
Longitude: 88° 50.00' W

Probe Type: T-10
Date: 13-Aug-1992
Time: 216

Depth (m)	Temp. (°C)
10.00	30.27
20.00	30.04
30.00	25.24
40.00	22.88
50.00	21.74
60.00	21.09
70.00	20.47
80.00	19.99
90.00	19.39
100.00	19.33
110.00	18.92
120.00	18.39
130.00	18.24
140.00	17.63
150.00	17.20
160.00	16.70
170.00	16.27
180.00	15.91
190.00	15.52

Cruise: GULFCET 02 Station: 13-127 Probe Type: T-10
 Latitude: 29° 10.05' N Longitude: 88° 9.95' W Date: 12-Aug-1992 Time: 1833

Depth (m)	Temp. (°C)
10.00	30.08
20.00	30.25
30.00	29.80
40.00	26.16
50.00	23.68
60.00	21.76
70.00	21.18
80.00	20.73
90.00	20.24
100.00	20.00
110.00	19.62
120.00	18.74
130.00	18.27
140.00	17.68
150.00	17.07
160.00	16.72
170.00	16.02
180.00	15.41
190.00	14.94
200.00	14.47

Cruise: GULFCET 02 Station: 13-128 Probe Type: T-7
 Latitude: 29° 10.58' N Longitude: 88° 10.00' W Date: 12-Aug-1992 Time: 1808

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	30.36	310.00	10.56
20.00	30.44	320.00	10.22
30.00	29.68	330.00	10.04
40.00	25.49	340.00	9.93
50.00	23.62	350.00	9.71
60.00	21.77		
70.00	20.97		
80.00	20.68		
90.00	20.12		
100.00	19.75		
110.00	19.39		
120.00	18.75		
130.00	17.84		
140.00	17.33		
150.00	16.66		
160.00	16.19		
170.00	15.71		
180.00	15.43		
190.00	14.76		
200.00	14.43		
210.00	14.04		
220.00	13.72		
230.00	13.50		
240.00	13.12		
250.00	12.74		
260.00	12.31		
270.00	12.03		
280.00	11.54		
290.00	11.31		
300.00	11.00		

Cruise: GULFCET 02 Station: 13-129 Probe Type: T-7
 Latitude: 29° 5.49' N Longitude: 88° 10.01' W Date: 12-Aug-1992 Time: 1718

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	30.58	310.00	11.16
20.00	30.23	320.00	10.87
30.00	29.93	330.00	10.60
40.00	25.96	340.00	10.43
50.00	23.78	350.00	10.17
60.00	22.11	360.00	10.04
70.00	20.89	370.00	9.80
80.00	20.41	380.00	9.66
90.00	20.00	390.00	9.52
100.00	19.15	400.00	9.42
110.00	18.94	410.00	9.20
120.00	18.36	420.00	9.06
130.00	17.74	430.00	8.96
140.00	17.41	440.00	8.90
150.00	16.84	450.00	8.73
160.00	16.45	460.00	8.53
170.00	16.12	470.00	8.39
180.00	15.85	480.00	8.24
190.00	15.53	490.00	8.11
200.00	15.22	500.00	8.03
210.00	14.76		
220.00	14.34		
230.00	13.85		
240.00	13.42		
250.00	12.97		
260.00	12.60		
270.00	12.32		
280.00	12.04		
290.00	11.72		
300.00	11.47		

Cruise: GULFCET 02 Station: 13-130 Probe Type: T-7
 Latitude: 29° 5.13' N Longitude: 88° 10.02' W Date: 12-Aug-1992 Time: 1714

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	30.62	310.00	11.27	610.00	6.88
20.00	30.31	320.00	10.84	620.00	6.85
30.00	29.45	330.00	10.57	630.00	6.78
40.00	25.92	340.00	10.40	640.00	6.72
50.00	23.79	350.00	10.23	650.00	6.59
60.00	21.83	360.00	10.03	660.00	6.46
70.00	20.89	370.00	9.86	670.00	6.36
80.00	20.36	380.00	9.62	680.00	6.28
90.00	19.90	390.00	9.45	690.00	6.19
100.00	19.13	400.00	9.32	700.00	6.11
110.00	18.93	410.00	9.20	710.00	6.04
120.00	18.32	420.00	9.01	720.00	5.95
130.00	17.88	430.00	8.92	730.00	5.89
140.00	17.30	440.00	8.81	740.00	5.88
150.00	16.84	450.00	8.77	750.00	5.89
160.00	16.45	460.00	8.63		
170.00	16.14	470.00	8.37		
180.00	15.86	480.00	8.30		
190.00	15.48	490.00	8.12		
200.00	15.10	500.00	7.94		
210.00	14.58	510.00	7.84		
220.00	14.29	520.00	7.77		
230.00	13.78	530.00	7.71		
240.00	13.34	540.00	7.51		
250.00	12.90	550.00	7.42		
260.00	12.50	560.00	7.36		
270.00	12.17	570.00	7.23		
280.00	11.91	580.00	7.14		
290.00	11.76	590.00	7.08		
300.00	11.48	600.00	6.93		

Cruise: GULFCET 02 Station: 13-131 Probe Type: T-20
 Latitude: 29° 3.05' N Longitude: 88° 10.04' W Date: 12-Aug-1992 Time: 1654

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.90	310.00	11.14	610.00	6.73	910.00	5.19
20.00	30.40	320.00	10.85	620.00	6.65	920.00	5.18
30.00	29.76	330.00	10.62	630.00	6.57	930.00	5.17
40.00	26.56	340.00	10.54	640.00	6.54		
50.00	24.24	350.00	10.23	650.00	6.53		
60.00	22.21	360.00	10.06	660.00	6.45		
70.00	21.25	370.00	9.76	670.00	6.39		
80.00	20.49	380.00	9.55	680.00	6.33		
90.00	19.96	390.00	9.30	690.00	6.25		
100.00	19.46	400.00	9.10	700.00	6.15		
110.00	19.19	410.00	9.00	710.00	6.11		
120.00	18.81	420.00	8.90	720.00	6.03		
130.00	18.13	430.00	8.67	730.00	5.96		
140.00	17.47	440.00	8.58	740.00	5.92		
150.00	16.96	450.00	8.45	750.00	5.82		
160.00	16.61	460.00	8.26	760.00	5.74		
170.00	16.20	470.00	8.15	770.00	5.66		
180.00	15.94	480.00	8.01	780.00	5.63		
190.00	15.49	490.00	7.98	790.00	5.59		
200.00	14.96	500.00	7.92	800.00	5.54		
210.00	14.62	510.00	7.74	810.00	5.51		
220.00	14.20	520.00	7.64	820.00	5.44		
230.00	13.66	530.00	7.57	830.00	5.39		
240.00	13.27	540.00	7.45	840.00	5.35		
250.00	13.04	550.00	7.30	850.00	5.31		
260.00	12.77	560.00	7.19	860.00	5.27		
270.00	12.44	570.00	7.11	870.00	5.25		
280.00	12.15	580.00	7.10	880.00	5.23		
290.00	12.00	590.00	6.97	890.00	5.22		
300.00	11.60	600.00	6.81	900.00	5.21		

Cruise: GULFCET 02 Station: 13-132 Probe Type: T-20
 Latitude: 28° 49.00' N Longitude: 88° 10.00' W Date: 12-Aug-1992 Time: 1446

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	29.90	310.00	10.13	610.00	6.48	910.00	5.06
20.00	30.32	320.00	9.82	620.00	6.42	920.00	5.04
30.00	29.45	330.00	9.63	630.00	6.40	930.00	4.99
40.00	25.83	340.00	9.45	640.00	6.34	940.00	4.96
50.00	23.89	350.00	9.31	650.00	6.27	950.00	4.93
60.00	23.05	360.00	9.21	660.00	6.25	960.00	4.92
70.00	21.87	370.00	9.00	670.00	6.21	970.00	4.88
80.00	21.15	380.00	8.82	680.00	6.08	980.00	4.85
90.00	20.69	390.00	8.69	690.00	6.00	990.00	4.84
100.00	20.21	400.00	8.57	700.00	5.97		
110.00	19.70	410.00	8.47	710.00	5.93		
120.00	19.12	420.00	8.36	720.00	5.91		
130.00	18.67	430.00	8.22	730.00	5.86		
140.00	18.14	440.00	8.13	740.00	5.77		
150.00	17.50	450.00	8.04	750.00	5.73		
160.00	16.81	460.00	7.89	760.00	5.67		
170.00	16.21	470.00	7.76	770.00	5.63		
180.00	15.69	480.00	7.62	780.00	5.60		
190.00	15.22	490.00	7.44	790.00	5.53		
200.00	14.96	500.00	7.39	800.00	5.48		
210.00	14.52	510.00	7.31	810.00	5.43		
220.00	14.02	520.00	7.24	820.00	5.41		
230.00	13.45	530.00	7.21	830.00	5.40		
240.00	12.86	540.00	7.12	840.00	5.38		
250.00	12.52	550.00	7.06	850.00	5.34		
260.00	11.89	560.00	6.95	860.00	5.30		
270.00	11.63	570.00	6.85	870.00	5.26		
280.00	11.26	580.00	6.74	880.00	5.22		
290.00	10.77	590.00	6.71	890.00	5.20		
300.00	10.68	600.00	6.58	900.00	5.13		

Cruise: GULFCET 02
Latitude: 29° 4.00' N

Station: 14-137
Longitude: 87° 30.06' W

Probe Type: T-20
Date: 12-Aug-1992

Time: 2000

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	30.43	310.00	12.16	610.00	7.01
20.00	30.39	320.00	11.81	620.00	6.91
30.00	28.55	330.00	11.64	630.00	6.81
40.00	25.74	340.00	11.43	640.00	6.74
50.00	23.68	350.00	11.11	650.00	6.74
60.00	22.76	360.00	10.96	660.00	6.68
70.00	21.85	370.00	10.64	670.00	6.60
80.00	21.23	380.00	10.38	680.00	6.50
90.00	20.78	390.00	10.16	690.00	6.39
100.00	20.41	400.00	10.02	700.00	6.35
110.00	20.03	410.00	9.78	710.00	6.31
120.00	19.70	420.00	9.47	720.00	6.23
130.00	19.12	430.00	9.21	730.00	6.21
140.00	18.48	440.00	8.98	740.00	6.12
150.00	17.85	450.00	8.85	750.00	6.07
160.00	17.53	460.00	8.80	760.00	6.00
170.00	17.14	470.00	8.77	770.00	5.98
180.00	16.67	480.00	8.70	780.00	5.91
190.00	16.25	490.00	8.66		
200.00	15.91	500.00	8.54		
210.00	15.48	510.00	8.39		
220.00	15.08	520.00	8.21		
230.00	14.75	530.00	8.02		
240.00	14.46	540.00	7.86		
250.00	14.07	550.00	7.69		
260.00	13.77	560.00	7.54		
270.00	13.40	570.00	7.38		
280.00	13.00	580.00	7.27		
290.00	12.70	590.00	7.17		
300.00	12.52	600.00	7.08		

Cruise: GULFCET 02
Latitude: 29° 17.00' N

Station: 14-139
Longitude: 87° 29.92' W

Probe Type: T-7
Date: 11-Aug-1992

Time: 1758

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	30.38	310.00	11.09	610.00	6.97
20.00	30.30	320.00	10.93	620.00	6.89
30.00	29.75	330.00	10.81	630.00	6.81
40.00	25.45	340.00	10.53	640.00	6.73
50.00	23.84	350.00	10.09	650.00	6.65
60.00	22.52	360.00	9.91	660.00	6.56
70.00	21.85	370.00	9.72	670.00	6.46
80.00	20.94	380.00	9.51	680.00	6.37
90.00	20.40	390.00	9.24	690.00	6.31
100.00	19.97	400.00	9.08	700.00	6.21
110.00	19.61	410.00	8.93	710.00	6.19
120.00	19.19	420.00	8.83	720.00	6.10
130.00	18.18	430.00	8.78	730.00	6.06
140.00	17.56	440.00	8.71	740.00	6.02
150.00	16.96	450.00	8.70	750.00	5.98
160.00	16.42	460.00	8.68	760.00	5.81
170.00	15.97	470.00	8.61		
180.00	15.64	480.00	8.52		
190.00	15.10	490.00	8.49		
200.00	14.67	500.00	8.39		
210.00	14.28	510.00	8.17		
220.00	13.95	520.00	7.91		
230.00	13.50	530.00	7.83		
240.00	13.07	540.00	7.77		
250.00	12.79	550.00	7.66		
260.00	12.48	560.00	7.64		
270.00	12.19	570.00	7.54		
280.00	11.96	580.00	7.44		
290.00	11.63	590.00	7.25		
300.00	11.32	600.00	7.10		

Cruise: GULFCET 02
Latitude: 29° 20.03' N

Station: 14-140
Longitude: 87° 29.91' W

Probe Type: T-7
Date: 11-Aug-1992 Time: 1731

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	30.25	310.00	10.42
20.00	30.47	320.00	10.10
30.00	29.56	330.00	9.79
40.00	25.86	340.00	9.73
50.00	24.51	350.00	9.51
60.00	23.41	360.00	9.46
70.00	22.15	370.00	9.44
80.00	21.48	380.00	9.41
90.00	20.94	390.00	9.38
100.00	20.42	400.00	9.37
110.00	20.07	410.00	9.38
120.00	19.25	420.00	9.33
130.00	18.65	430.00	9.33
140.00	17.93	440.00	9.33
150.00	17.10	450.00	9.13
160.00	16.12		
170.00	15.50		
180.00	14.86		
190.00	14.16		
200.00	13.67		
210.00	13.23		
220.00	12.85		
230.00	12.21		
240.00	11.91		
250.00	11.47		
260.00	11.31		
270.00	11.17		
280.00	10.98		
290.00	10.80		
300.00	10.66		

Cruise: GULFCET 02
Latitude: 29° 22.00' N

Station: 14-141
Longitude: 87° 29.99' W

Probe Type: T-7
Date: 11-Aug-1992 Time: 1712

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	30.41	310.00	10.02
20.00	30.26	320.00	9.89
30.00	28.58	330.00	9.83
40.00	25.78	340.00	9.79
50.00	23.54	350.00	9.74
60.00	22.72		
70.00	22.14		
80.00	21.45		
90.00	20.85		
100.00	20.39		
110.00	20.22		
120.00	19.75		
130.00	18.14		
140.00	17.12		
150.00	16.02		
160.00	15.19		
170.00	14.36		
180.00	13.94		
190.00	13.54		
200.00	12.43		
210.00	11.95		
220.00	11.68		
230.00	11.43		
240.00	11.09		
250.00	10.99		
260.00	10.91		
270.00	10.67		
280.00	10.45		
290.00	10.21		
300.00	10.11		

Cruise: GULFCET 02
Latitude: 29° 24.96' N

Station: 14-142
Longitude: 87° 29.87' W

Probe Type: T-10
Date: 11-Aug-1992

Time: 1645

Depth (m)	Temp. (°C)
10.00	30.74
20.00	29.99
30.00	27.59
40.00	24.09
50.00	22.53
60.00	21.57
70.00	20.92
80.00	20.76
90.00	20.55
100.00	20.05
110.00	19.27
120.00	18.15
130.00	17.63
140.00	16.91
150.00	16.16
160.00	15.48
170.00	15.01
180.00	13.66
190.00	13.07

CONDUCTIVITY/ TEMPERATURE/DEPTH (CTD) DATA:

-DATA SUMMARY TABLES

**-PLOTS OF TEMPERATURE, SALINITY, AND SOUND
VELOCITY VERSUS DEPTH**

**- PLOTS OF TEMPERATURE VERSUS SALINITY FOR :
ALL CTD STATIONS, LINES 11 AND 12 CTD STATIONS,
OFFSHORE STATIONS (STATIONS AT THE 2000 M ISOBATH),
INSHORE STATIONS (STATIONS AT 100 M ISOBATH (EXCEPT
STATIONS 11-106 AND 12-125))**

Cruise: GULFCET 02
 Date: 23-Aug-92
 Depth: 1600 m
 Barometer: 30.03

Station: 02-010
 Time: 805
 Wind Dir: 130.0°
 Air Temp Dry: 23.3 °C

Lat: 26° 04.96' N
 Wind Speed: 7.0 m/s
 Air Temp Wet: 28.3 °C

Long: 92° 29.99' W
 Wave Dir: 90 °
 Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.126	29.124	36.088	22.841	501.10	.035	1545.07	5.263	.160	10.07
20	28.892	28.887	36.079	22.913	494.69	.086	1544.73	5.314	.164	20.14
30	26.865	26.858	36.006	23.521	436.96	.133	1540.34	5.822	.189	30.20
50	24.346	24.335	36.222	24.465	347.68	.210	1534.97	5.977	.228	50.34
75	23.197	23.182	36.269	24.840	312.90	.292	1532.59	5.609	.361	75.52
100	22.692	22.671	36.418	25.100	289.13	.367	1531.88	5.452	.404	100.69
125	22.339	22.314	36.397	25.185	282.01	.439	1531.37	5.168	.312	125.88
150	21.613	21.583	36.406	25.396	262.74	.508	1529.91	4.347	.228	151.06
200	19.191	19.154	36.504	26.123	195.16	.631	1524.25	3.639	.181	201.44
250	16.770	16.728	36.241	26.523	158.20	.720	1517.73	3.546	.106	251.83
300	14.697	14.652	35.934	26.760	136.50	.792	1511.80	3.443	.116	302.23
400	11.730	11.678	35.487	27.020	112.86	.917	1503.13	3.217	.122	403.07
500	9.805	9.746	35.214	27.153	100.98	1.024	1497.69	3.106	.128	503.96

Cruise: GULFCET 02
 Date: 23-Aug-92
 Depth: 1320 m
 Barometer: 30.01

Station: 02-013
 Time: 16
 Wind Dir: 140.0°
 Air Temp Dry: 27.2 °C

Lat: 26° 46.03' N
 Wind Speed: 8.0 m/s
 Air Temp Wet: 24.4 °C

Long: 95° 29.98' W
 Wave Dir: 140°
 Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.435	29.432	36.262	22.868	498.60	.045	1545.90	5.094	.160	10.07
20	29.432	29.427	36.263	22.869	498.87	.095	1546.07	5.093	.164	20.14
30	29.382	29.375	36.264	22.887	497.60	.146	1546.13	5.077	.172	30.20
50	25.693	25.682	36.317	24.125	380.20	.235	1538.30	5.891	.220	50.34
75	23.612	23.596	36.373	24.798	317.00	.320	1533.74	5.811	.335	75.52
100	22.750	22.730	36.404	25.073	291.76	.396	1532.02	5.535	.445	100.69
125	21.630	21.605	36.338	25.340	267.14	.467	1529.46	5.052	.325	125.88
150	20.328	20.300	36.333	25.693	234.36	.530	1526.37	4.834	.222	151.06
200	17.862	17.827	36.380	26.365	171.90	.632	1520.29	3.508	.141	201.44
250	15.883	15.843	36.114	26.633	147.46	.711	1514.88	3.517	.103	251.83
300	14.273	14.228	35.869	26.801	132.36	.782	1510.37	3.431	.110	302.23
400	11.681	11.629	35.481	27.025	112.38	.905	1502.96	3.207	.117	403.07
500	9.790	9.732	35.215	27.156	100.67	1.012	1497.64	2.935	.129	503.96

Cruise: GULFCET 02
 Date: 22-Aug-92
 Depth: 875 m
 Barometer: 30.01

Station: 02-015
 Time: 1637
 Wind Dir: 88.0 °
 Air Temp Dry: 27.5 °C

Lat: 27° 26.04' N
 Wind Speed: 3.5 m/s
 Air Temp Wet: 24.4 °C

Long: 95° 29.93' W
 Wave Dir: 70 °
 Secchi Depth: 30.5 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.290	29.288	36.431	23.044	481.73	.044	1545.77	4.938	.135	10.07
20	29.245	29.240	36.429	23.057	480.91	.093	1545.85	4.922	.143	20.14
30	29.082	29.074	36.418	23.104	476.87	.141	1545.66	5.002	.152	30.20
50	24.731	24.720	36.348	24.444	349.73	.221	1536.04	5.783	.198	50.34
75	22.828	22.812	36.359	25.016	296.16	.301	1531.75	5.547	.383	75.52
100	21.340	21.321	36.311	25.400	260.48	.372	1528.24	5.092	.503	100.69
125	20.237	20.213	36.468	25.820	221.33	.433	1525.85	4.041	.300	125.88
150	18.810	18.782	36.490	26.211	184.99	.483	1522.31	3.521	.228	151.06
200	16.444	16.411	36.199	26.567	152.27	.567	1515.86	3.353	.136	201.44
250	14.736	14.698	35.943	26.758	135.18	.639	1511.10	3.328	.106	251.83
300	13.083	13.040	35.684	26.907	121.77	.704	1506.26	3.212	.110	302.23
400	10.605	10.555	35.335	27.108	103.73	.817	1499.03	3.037	.121	403.07
500	9.044	8.988	35.123	27.208	95.07	.917	1494.81	3.078	.124	503.96

Cruise: GULFCET 02
 Date: 22-Aug-92
 Depth: 96 m
 Barometer: 30.06

Station: 02-020
 Time: 1235
 Wind Dir: 45.0 °
 Air Temp Dry: 29.4 °C

Lat: 27° 46.94' N
 Wind Speed: 4.6 m/s
 Air Temp Wet: 25.0 °C

Long: 95° 30.00' W
 Wave Dir: 45 °
 Secchi Depth: 21 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	28.520	28.518	36.170	23.105	475.87	.044	1543.85	5.119	.132	10.07
20	28.353	28.348	36.178	23.167	470.44	.091	1543.67	5.138	.149	20.14
30	24.932	24.926	36.293	24.341	358.74	.131	1536.13	5.866	.177	30.20
50	23.145	23.134	36.385	24.944	302.04	.196	1532.16	5.631	.286	50.34
75	21.087	21.073	36.368	25.513	248.76	.266	1527.21	4.653	.746	75.52

Cruise: GULFCET 02
 Date: 22-Aug-92
 Depth: 102 m
 Barometer: 30.05

Station: 03-021
 Time: 655
 Wind Dir: 70.0 °
 Air Temp Dry: 26.1 °C

Lat: 27° 56.04' N
 Wind Speed: 2.0 m/s
 Air Temp Wet: 23.3 °C

Long: 94° 49.99' W
 Wave Dir: 90 °
 Secchi Depth: 28 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	28.429	28.427	36.145	23.117	474.78	.038	1543.63	5.071	.163	10.07
20	25.869	25.865	36.339	24.087	382.62	.083	1538.23	5.715	.173	20.14
30	23.885	23.879	36.367	24.713	323.32	.119	1533.66	5.774	.190	30.20
50	20.741	20.731	36.365	25.606	238.99	.177	1525.85	4.798	.584	50.34
75	19.101	19.087	36.335	26.017	200.72	.230	1521.70	3.946	.511	75.52
100	18.518	18.500	36.373	26.195	184.64	.277	1520.51	3.426	.457	100.69

Cruise: GULFCET 02
 Date: 22-Aug-92
 Depth: 905 m
 Barometer: 30.01

Station: 03-026
 Time: 13
 Wind Dir: 100.0°
 Air Temp Dry: 27.2 °C

Lat: 27° 26.01' N
 Wind Speed: 3.0 m/s
 Air Temp Wet: 23.9 °C

Long: 94° 49.90' W
 Wave Dir: 270°
 Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.156	29.153	36.411	23.074	478.87	.039	1545.47	5.039		10.07
20	29.150	29.145	36.411	23.076	479.11	.087	1545.63	5.004		20.14
30	27.028	27.021	36.447	23.801	410.25	.133	1541.18	5.576		30.20
50	23.901	23.890	36.417	24.746	321.00	.206	1534.08	5.875		50.34
75	22.213	22.197	36.370	25.201	278.55	.280	1530.18	5.352		75.52
100	20.584	20.565	36.356	25.641	237.48	.345	1526.26	4.510		100.69
125	19.123	19.100	36.537	26.166	188.38	.397	1522.83	3.737		125.88
150	17.886	17.859	36.436	26.402	166.66	.441	1519.59	3.865		151.06
200	15.643	15.611	36.080	26.661	143.15	.520	1513.27	3.540		201.44
250	13.971	13.934	35.823	26.831	128.03	.589	1508.51	3.436		251.83
300	12.696	12.655	35.637	26.948	117.66	.651	1504.92	3.337		302.23
400	10.591	10.542	35.321	27.100	104.50	.762	1498.96	3.165		403.07
500	8.935	8.879	35.104	27.210	94.73	.862	1494.38	3.099		503.96

Cruise: GULFCET 02
Date: 21-Aug-92
Depth: 1420 m
Barometer: 30.02

Station: 03-029

Time: 1838
Wind Dir: 93.0 °
Air Temp Dry: 26.6 °C

Lat: 26° 45.97' N
Wind Speed: 4.6 m/s
Air Temp Wet: 23.9 °C

Long: 94° 49.93' W
Wave Dir: 95 °
Secchi Depth: 27 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.395	29.392	36.134	22.785	506.45	.046	1545.68	4.817		10.07
20	29.329	29.324	36.156	22.824	503.17	.097	1545.74	4.821		20.14
30	29.517	29.510	36.531	23.042	482.78	.146	1546.70	4.800		30.20
50	25.336	25.325	36.375	24.279	365.47	.234	1537.52	5.598		50.34
75	23.455	23.440	36.370	24.842	312.77	.318	1533.35	5.583		75.52
100	22.860	22.839	36.402	25.039	294.94	.394	1532.30	5.413		100.69
125	21.939	21.914	36.335	25.251	275.64	.466	1530.27	5.154		125.88
150	20.693	20.664	36.336	25.596	243.61	.532	1527.37	4.770		151.06
200	18.735	18.699	36.534	26.264	181.72	.637	1522.99	3.776		201.44
250	16.029	15.989	36.157	26.632	147.61	.721	1515.38	3.480		251.83
300	14.063	14.019	35.838	26.822	130.28	.790	1509.66	3.466		302.23
400	11.639	11.587	35.481	27.032	111.62	.911	1502.81	3.305		403.07
500	9.870	9.811	35.220	27.147	101.64	1.018	1497.93	3.257		503.96
600	8.442	8.377	35.050	27.246	92.71	1.116	1494.15	3.313		604.90
700	7.166	7.096	34.943	27.351	82.88	1.205	1490.84	3.560		705.89
800	6.319	6.244	34.911	27.441	74.54	1.284	1489.17	3.918		806.92
900	5.543	5.464	34.918	27.545	64.70	1.354	1487.76	4.355		908.01
1000	5.063	4.978	34.934	27.615	58.32	1.417	1487.52	4.712		1009.14

Cruise: GULFCET 02
Date: 21-Aug-92
Depth: 2000 m
Barometer: 30.08

Station: 03-030

Time: 1307
Wind Dir: 355.0°
Air Temp Dry: 24.4 °C

Lat: 26° 17.02' N
Wind Speed: 6.5 m/s
Air Temp Wet: 23.9 °C

Long: 94° 50.13' W
Wave Dir: 0 °
Secchi Depth: 17 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.184	29.182	36.117	22.843	500.92	.045	1545.22	4.839		10.07
20	29.184	29.179	36.119	22.845	501.13	.096	1545.39	4.855		20.14
30	29.143	29.135	36.110	22.852	500.92	.146	1545.46	4.826		30.20
50	25.247	25.236	36.334	24.276	365.74	.229	1537.27	5.591		50.34
75	23.406	23.390	36.389	24.871	310.04	.313	1533.24	5.568		75.52
100	22.709	22.689	36.383	25.069	292.10	.389	1531.89	5.322		100.69
125	22.251	22.226	36.376	25.194	281.10	.461	1531.12	5.190		125.88
150	21.011	20.982	36.335	25.509	251.91	.529	1528.23	4.735		151.06
200	18.318	18.283	36.441	26.298	178.32	.635	1521.69	3.480		201.44
250	16.100	16.059	36.145	26.606	150.09	.716	1515.59	3.401		251.83
300	14.335	14.290	35.879	26.796	132.92	.787	1510.58	3.339		302.23
400	11.720	11.667	35.495	27.028	112.12	.909	1503.11	3.208		403.07
500	9.730	9.671	35.199	27.154	100.84	1.016	1497.40	3.198		503.96
600	8.261	8.197	35.034	27.261	91.08	1.113	1493.45	3.214		604.90
700	7.054	6.985	34.933	27.359	81.93	1.201	1490.39	3.468		705.89
800	6.188	6.114	34.906	27.455	73.07	1.279	1488.64	3.888		806.92
900	5.637	5.557	34.912	27.529	66.42	1.349	1488.13	4.164		908.01
1000	5.142	5.056	34.928	27.601	59.81	1.413	1487.83	4.470		1009.14

Cruise: GULFCET 02
 Date: 21-Aug-92
 Depth: 2000 m
 Barometer: 30.05

Station: 04-031
 Time: 809
 Wind Dir: 100.0°
 Air Temp Dry: 23.8 °C

Lat: 26° 16.92' N
 Wind Speed: 6.0 m/s
 Air Temp Wet: 23.3 °C

Long: 94° 09.99' W
 Wave Dir: 170°
 Secchi Depth: 21 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	28.865	28.863	36.439	23.192	467.55	.043	1544.88	5.267		10.07
20	28.864	28.860	36.442	23.195	467.73	.090	1545.05	5.159		20.14
30	28.850	28.843	36.449	23.205	467.23	.137	1545.20	5.141		30.20
50	25.147	25.136	36.300	24.281	365.31	.222	1536.99	5.969		50.34
75	23.240	23.225	36.373	24.907	306.57	.305	1532.81	5.838		75.52
100	21.668	21.648	36.357	25.344	265.81	.379	1529.16	5.312		100.69
125	19.659	19.636	36.476	25.980	206.13	.438	1524.27	3.873		125.88
150	18.315	18.289	36.462	26.315	175.01	.486	1520.86	3.665		151.06
200	16.110	16.077	36.151	26.609	148.27	.567	1514.79	3.588		201.44
250	14.460	14.422	35.895	26.781	132.89	.637	1510.16	3.499		251.83
300	12.903	12.861	35.675	26.936	118.94	.701	1505.66	3.395		302.23
400	10.652	10.603	35.334	27.099	104.62	.812	1499.19	3.308		403.07
500	9.002	8.946	35.111	27.205	95.29	.913	1494.64	3.321		503.96
600	7.754	7.692	34.984	27.298	86.99	1.005	1491.48	3.484		604.90
700	6.660	6.593	34.925	27.406	76.91	1.087	1488.85	3.820		705.89
800	5.891	5.819	34.906	27.493	68.98	1.161	1487.47	4.225		806.92
900	5.458	5.379	34.916	27.554	63.71	1.228	1487.42	4.403		908.01
1000	5.111	5.025	34.928	27.605	59.39	1.290	1487.71	4.614		1009.14

Cruise: GULFCET 02
 Date: 21-Aug-92
 Depth: 1350 m
 Barometer: 30.00

Station: 04-033
 Time: 304
 Wind Dir: 170.0°
 Air Temp Dry: 27.2 °C

Lat: 26° 45.92' N
 Wind Speed: 2.0 m/s
 Air Temp Wet: 23.3 °C

Long: 94° 09.93' W
 Wave Dir: Z °
 Secchi Depth: Z m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	28.911	28.908	36.485	23.212	465.69	.037	1545.02	5.206		10.07
20	28.913	28.908	36.485	23.212	466.16	.084	1545.20	5.167		20.14
30	28.888	28.880	36.485	23.220	465.81	.131	1545.31	5.161		30.20
50	24.487	24.477	36.315	24.493	345.04	.209	1535.42	6.045		50.34
75	22.576	22.560	36.351	25.083	289.80	.288	1531.09	5.768		75.52
100	21.129	21.109	36.287	25.441	256.61	.357	1527.65	5.460		100.69
125	19.416	19.393	36.466	26.036	200.81	.414	1523.58	3.822		125.88
150	17.879	17.853	36.390	26.368	169.84	.460	1519.52	3.680		151.06
200	15.981	15.949	36.140	26.630	146.21	.539	1514.38	3.629		201.44
250	14.249	14.212	35.875	26.812	129.93	.609	1509.46	3.544		251.83
300	12.877	12.835	35.655	26.927	119.82	.672	1505.55	3.460		302.23
400	10.653	10.603	35.330	27.096	104.89	.784	1499.19	3.332		403.07
500	8.961	8.906	35.117	27.216	94.18	.884	1494.49	3.391		503.96
600	7.597	7.536	34.968	27.309	85.76	.975	1490.86	3.573		604.90
700	6.503	6.437	34.915	27.420	75.44	1.057	1488.23	3.956		705.89
800	5.709	5.638	34.914	27.522	65.95	1.128	1486.75	4.381		806.92
900	5.083	5.007	34.931	27.611	57.65	1.190	1485.92	4.857		908.01
1000	4.667	4.585	34.950	27.674	51.96	1.246	1485.92	5.264		1009.14

Cruise: GULFCET 02
 Date: 20-Aug-92
 Depth: 826 m
 Barometer: 30.01

Station: 04-036
 Time: 2045
 Wind Dir: 98.0 °
 Air Temp Dry: 23.8 °C

Lat: 27° 26.06' N
 Wind Speed: 2.6 m/s
 Air Temp Wet: 19.5 °C

Long: 94° 10.12' W
 Wave Dir: Z °
 Secchi Depth: Z m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	28.606	28.604	36.013	22.958	489.91	.044	1543.87	5.099		10.07
20	28.490	28.485	36.257	23.181	469.09	.093	1544.05	5.065		20.14
30	25.499	25.493	36.212	24.106	381.18	.136	1537.40	5.826		30.20
50	22.888	22.878	36.377	25.013	295.53	.203	1531.50	5.631		50.34
75	19.810	19.796	36.390	25.874	214.38	.269	1523.75	4.202		75.52
100	17.302	17.285	36.313	26.450	160.28	.314	1516.89	3.550		100.69
125	15.905	15.885	36.126	26.637	143.16	.352	1512.88	3.533		125.88
150	14.975	14.952	35.977	26.732	134.74	.387	1510.23	3.477		151.06
200	13.385	13.356	35.733	26.883	121.41	.451	1505.65	3.478		201.44
250	12.146	12.113	35.531	26.974	113.66	.510	1502.11	3.584		251.83
300	11.163	11.125	35.394	27.053	106.92	.566	1499.40	3.539		302.23
400	9.597	9.551	35.192	27.171	97.05	.669	1495.25	3.349		403.07
500	8.104	8.052	35.018	27.273	87.99	.762	1491.18	3.444		503.96
600	7.130	7.072	34.949	27.360	80.35	.847	1489.04	3.656		604.90
700	6.306	6.241	34.915	27.446	72.67	.925	1487.45	3.939		705.89
800	5.755	5.684	34.912	27.514	66.70	.994	1486.93	4.297		806.92

Cruise: GULFCET 02
 Date: 20-Aug-92
 Depth: 95 m
 Barometer: 30.02

Station: 04-042
 Time: 1435
 Wind Dir: 261.0°
 Air Temp Dry: 26.6 °C

Lat: 27° 53.97' N
 Wind Speed: 2.4 m/s
 Air Temp Wet: 22.8 °C

Long: 94° 09.94' W
 Wave Dir: 100°
 Secchi Depth: 21 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.000	28.997	35.884	22.730	511.71	.047	1544.58	5.094		10.07
20	28.795	28.790	36.044	22.919	494.06	.098	1544.48	5.232		20.14
30	25.437	25.430	36.179	24.100	381.73	.142	1537.21	5.858		30.20
50	21.437	21.428	36.261	25.335	264.75	.207	1527.60	5.653		50.34
75	19.928	19.914	36.245	25.733	227.81	.268	1523.92	4.776		75.52

Cruise: GULFCET 02
 Date: 20-Aug-92
 Depth: 93 m
 Barometer: 30.07

Station: 05-043
 Time: 1013
 Wind Dir: 230.0°
 Air Temp Dry: 24.4 °C

Lat: 28° 00.01' N
 Wind Speed: 8.0 m/s
 Air Temp Wet: 23.9 °C

Long: 93° 30.06' W
 Wave Dir: 250°
 Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.287	29.284	34.851	21.859	595.10	.054	1544.11	5.253		10.07
20	29.877	29.872	35.578	22.204	562.43	.113	1546.28	5.249		20.14
30	28.466	28.458	36.084	23.059	481.18	.165	1543.98	5.390		30.20
50	22.227	22.217	36.289	25.135	283.86	.238	1529.70	5.679		50.34
75	19.800	19.786	36.229	25.753	225.82	.303	1523.54	4.411		75.52

Cruise: GULFCET 02
 Date: 20-Aug-92
 Depth: 578 m
 Barometer: 30.01

Station: 05-047
 Time: 349
 Wind Dir: 140.0°
 Air Temp Dry: 26.6 °C

Lat: 27° 25.99' N
 Wind Speed: 4.0 m/s
 Air Temp Wet: 23.9 °C

Long: 93° 30.00' W
 Wave Dir: 180°
 Secchi Depth: Z m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.225	29.223	36.130	22.839	501.31	.047	1545.32	5.232		10.07
20	29.155	29.150	36.168	22.891	496.76	.097	1545.38	5.180		20.14
30	25.172	25.165	36.269	24.250	367.41	.139	1536.68	6.046		30.20
50	22.471	22.460	36.365	25.123	284.98	.202	1530.42	5.870		50.34
75	20.389	20.374	36.361	25.698	231.14	.267	1525.31	4.725		75.52
100	18.041	18.023	36.380	26.321	172.68	.316	1519.14	3.583		100.69
125	17.020	16.999	36.298	26.507	155.70	.358	1516.46	3.924		125.88
150	15.536	15.512	36.073	26.681	139.73	.395	1512.09	3.923		151.06
200	13.740	13.712	35.777	26.843	125.33	.461	1506.87	3.806		201.44
250	12.576	12.542	35.593	26.938	117.25	.522	1503.63	3.636		251.83
300	11.409	11.371	35.433	27.038	108.49	.579	1500.30	3.550		302.23
400	9.249	9.204	35.130	27.180	95.86	.682	1493.90	3.442		403.07
500	7.982	7.930	35.001	27.277	87.45	.774	1490.70	3.639		503.96

Cruise: GULFCET 02
 Date: 19-Aug-92
 Depth: 1470 m
 Barometer:

Station: 05-050
 Time: 2020
 Wind Dir: °
 Air Temp Dry: °C

Lat: 26° 46.04' N
 Wind Speed: m/s
 Air Temp Wet: °C

Long: 93° 30.06' W
 Wave Dir: °
 Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.368	29.365	36.015	22.705	514.18	.047	1545.50	5.025		10.07
20	29.331	29.326	36.052	22.746	510.69	.099	1545.63	4.995		20.14
30	26.923	26.916	36.179	23.632	426.36	.147	1540.66	5.631		30.20
50	23.342	23.332	36.268	24.798	316.01	.219	1532.53	5.819		50.34
75	21.121	21.106	36.229	25.398	259.72	.291	1527.14	5.761		75.52
100	19.682	19.664	36.330	25.862	216.42	.352	1523.75	4.451		100.69
125	17.940	17.918	36.364	26.333	172.32	.401	1519.24	3.473		125.88
150	15.727	15.703	36.078	26.641	143.52	.440	1512.69	3.482		151.06
200	12.958	12.930	35.678	26.928	117.08	.504	1504.18	3.587		201.44
250	10.765	10.734	35.346	27.088	102.26	.559	1497.11	3.629		251.83
300	9.028	8.995	35.137	27.222	89.81	.607	1491.44	3.689		302.23
400	7.614	7.574	34.985	27.320	81.38	.692	1487.61	3.713		403.07
500	6.740	6.693	34.927	27.397	74.87	.771	1485.84	3.969		503.96
600	6.196	6.142	34.911	27.458	70.01	.844	1485.35	4.174		604.90
700	5.756	5.694	34.912	27.514	65.40	.912	1485.27	4.396		705.89
800	5.322	5.253	34.925	27.577	60.03	.975	1485.21	4.636		806.92
900	5.165	5.088	34.929	27.600	58.85	1.036	1486.25	4.733		908.01
1000	4.893	4.809	34.950	27.648	54.88	1.094	1486.85	6.421		1009.14

Cruise: GULFCET 02
 Date: 19-Aug-92
 Depth: 2000 m
 Barometer: 30.08

Station: 05-053
 Time: 1316
 Wind Dir: 228.0°
 Air Temp Dry: 31.6 °C

Lat: 26° 10.00' N
 Wind Speed: 2.0 m/s
 Air Temp Wet: 26.7 °C

Long: 93° 29.90' W
 Wave Dir: 155°
 Secchi Depth: 23 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.656	29.653	35.952	22.560	528.00	.048	1546.04	4.817		10.07
20	29.686	29.681	36.073	22.641	520.70	.101	1546.40	4.808		20.14
30	29.500	29.492	36.282	22.861	500.08	.153	1546.40	4.854		30.20
50	25.187	25.176	36.352	24.308	362.73	.238	1537.14	5.652		50.34
75	23.200	23.184	36.384	24.927	304.66	.323	1532.72	5.527		75.52
100	20.745	20.726	36.320	25.570	244.23	.391	1526.65	4.751		100.69
125	19.624	19.601	36.512	26.016	202.70	.447	1524.21	3.556		125.88
150	17.709	17.683	36.375	26.398	166.96	.492	1519.00	3.444		151.06
200	15.335	15.304	36.043	26.702	139.18	.569	1512.27	3.435		201.44
250	13.719	13.682	35.787	26.856	125.51	.635	1507.64	3.321		251.83
300	12.141	12.101	35.535	26.978	114.57	.696	1502.93	3.213		302.23
400	10.106	10.058	35.269	27.144	99.93	.804	1497.17	3.221		403.07
500	8.463	8.409	35.062	27.252	90.35	.900	1492.58	3.263		503.96
600	7.355	7.295	34.960	27.338	82.76	.987	1489.92	3.468		604.90
700	6.553	6.487	34.923	27.419	75.55	1.067	1488.43	3.684		705.89
800	5.878	5.806	34.911	27.498	68.46	1.139	1487.42	4.026		806.92
900	5.397	5.319	34.921	27.566	62.48	1.205	1487.18	4.365		908.01
1000	5.054	4.968	34.934	27.617	58.15	1.266	1487.48	4.550		1009.14

Cruise: GULFCET 02
 Date: 19-Aug-92
 Depth: 2000 m
 Barometer: 30.07

Station: 06-054
 Time: 710
 Wind Dir: 230.0°
 Air Temp Dry: 28.0 °C

Lat: 26° 13.95' N
 Wind Speed: 3.8 m/s
 Air Temp Wet: 22.8 °C
 Long: 92° 49.87' W
 Wave Dir: 180°
 Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.396	29.393	36.146	22.794	505.64	.046	1545.70	5.004		10.07
20	29.376	29.371	36.392	22.985	487.78	.096	1546.08	4.990		20.14
30	29.310	29.303	36.467	23.064	480.69	.145	1546.19	5.016		30.20
50	25.312	25.301	36.463	24.354	358.39	.227	1537.56	5.776		50.34
75	23.318	23.302	36.435	24.931	304.25	.309	1533.07	5.852		75.52
100	22.385	22.365	36.373	25.154	284.00	.383	1531.05	5.631		100.69
125	20.827	20.803	36.279	25.517	250.25	.450	1527.25	5.606		125.88
150	20.117	20.089	36.420	25.815	222.72	.511	1525.89	4.450		151.06
200	17.532	17.498	36.345	26.420	166.60	.606	1519.28	3.580		201.44
250	15.107	15.068	36.017	26.733	137.68	.683	1512.36	3.570		251.83
300	13.210	13.168	35.719	26.908	121.71	.748	1506.73	3.431		302.23
400	10.995	10.944	35.386	27.077	106.89	.863	1500.46	3.372		403.07
500	9.214	9.157	35.140	27.194	96.55	.965	1495.45	3.398		503.96
600	7.892	7.829	35.006	27.295	87.42	1.059	1492.03	3.502		604.90
700	6.838	6.770	34.925	27.382	79.42	1.143	1489.55	3.820		705.89
800	6.088	6.015	34.907	27.468	71.64	1.220	1488.25	4.183		806.92
900	5.491	5.412	34.916	27.550	64.12	1.288	1487.55	4.512		908.01
1000	5.145	5.059	34.928	27.601	59.84	1.350	1487.84	4.728		1009.14

Cruise: GULFCET 02
 Date: 19-Aug-92
 Depth: 1745 m
 Barometer: 30.07

Station: 06-055
 Time: 12
 Wind Dir: 160.0°
 Air Temp Dry: 27.7 °C

Lat: 26° 46.10' N
 Wind Speed: 5.2 m/s
 Air Temp Wet: 25.0 °C
 Long: 92° 49.94' W
 Wave Dir: 130°
 Secchi Depth: Z m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.737	29.735	35.711	22.352	547.93	.053	1545.96	5.069		10.07
20	29.669	29.664	36.125	22.685	516.45	.107	1546.42	5.097		20.14
30	27.242	27.235	36.198	23.545	434.73	.154	1541.40	5.615		30.20
50	23.745	23.734	36.319	24.718	323.62	.230	1533.59	5.920		50.34
75	21.114	21.100	36.320	25.469	252.96	.301	1527.22	5.173		75.52
100	19.287	19.269	36.410	26.027	200.75	.359	1522.73	3.877		100.69
125	17.641	17.619	36.340	26.389	166.99	.404	1518.34	3.527		125.88
150	16.274	16.250	36.178	26.591	148.37	.444	1514.49	3.615		151.06
200	14.494	14.464	35.922	26.795	130.18	.514	1509.47	3.547		201.44
250	13.101	13.065	35.695	26.912	119.99	.577	1505.50	3.463		251.83
300	11.848	11.809	35.504	27.010	111.38	.636	1501.89	3.413		302.23
400	9.924	9.876	35.234	27.148	99.42	.741	1496.48	3.376		403.07
500	8.390	8.337	35.047	27.251	90.32	.837	1492.29	3.420		503.96
600	7.319	7.259	34.951	27.336	82.88	.924	1489.77	3.613		604.90
700	6.481	6.415	34.917	27.424	74.95	1.004	1488.14	3.912		705.89
800	5.836	5.764	34.911	27.504	67.84	1.076	1487.25	4.196		806.92
900	5.411	5.333	34.920	27.563	62.76	1.142	1487.24	4.516		908.01
1000	5.058	4.973	34.933	27.615	58.34	1.203	1487.50	5.580		1009.14

Cruise: GULFCET 02
 Date: 18-Aug-92
 Depth: 1035 m
 Barometer: 30.04

Station: 06-059
 Time: 1649
 Wind Dir: 192.3°
 Air Temp Dry: °C

Lat: 27° 25.95' N
 Wind Speed: 1.8 m/s
 Air Temp Wet: °C

Long: 92° 49.97' W
 Wave Dir: 140°
 Secchi Depth: 22 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.101	29.098	36.121	22.874	497.93	.046	1545.05	4.897		10.07
20	28.996	28.991	36.075	22.876	498.26	.096	1544.95	4.932		20.14
30	25.202	25.196	36.231	24.212	371.09	.138	1536.71	5.722		30.20
50	21.448	21.438	36.368	25.414	257.31	.199	1527.75	5.433		50.34
75	19.731	19.717	36.475	25.960	206.23	.256	1523.63	3.708		75.52
100	18.036	18.018	36.397	26.335	171.34	.303	1519.14	3.463		100.69
125	16.751	16.730	36.244	26.530	153.45	.344	1515.59	3.509		125.88
150	15.589	15.565	36.074	26.669	140.85	.381	1512.26	3.515		151.06
200	13.849	13.820	35.801	26.839	125.76	.447	1507.25	3.427		201.44
250	12.239	12.205	35.544	26.966	114.47	.507	1502.44	3.586		251.83
300	11.280	11.242	35.403	27.038	108.42	.564	1499.81	3.440		302.23
400	9.326	9.281	35.135	27.171	96.76	.665	1494.19	3.441		403.07
500	8.020	7.968	34.999	27.270	88.14	.758	1490.84	3.410		503.96
600	6.973	6.915	34.923	27.362	79.96	.843	1488.40	3.594		604.90
700	6.155	6.091	34.904	27.458	71.35	.919	1486.84	3.912		705.89
800	5.707	5.636	34.913	27.521	65.99	.988	1486.74	4.139		806.92
900	5.393	5.314	34.922	27.567	62.40	1.053	1487.16	4.333		908.01
1000	5.064	4.979	34.934	27.616	58.29	1.114	1487.52	4.609		1009.14

Cruise: GULFCET 02
 Date: 18-Aug-92
 Depth: 99 m
 Barometer: 30.09

Station: 06-064
 Time: 1038
 Wind Dir: 216.2°
 Air Temp Dry: 28.3 °C

Lat: 28° 01.95' N
 Wind Speed: 3.9 m/s
 Air Temp Wet: 25.0 °C

Long: 92° 50.00' W
 Wave Dir: 180°
 Secchi Depth: 21 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.435	29.432	35.308	22.151	567.09	.052	1544.90	4.915		10.07
20	29.454	29.449	35.594	22.360	547.57	.108	1545.41	4.986		20.14
30	26.224	26.217	35.985	23.708	419.12	.156	1538.85	5.583		30.20
50	21.695	21.685	36.208	25.223	275.44	.225	1528.22	5.506		50.34
75	19.674	19.660	36.346	25.876	214.17	.286	1523.32	4.287		75.52

Cruise: GULFCET 02
 Date: 18-Aug-92
 Depth: 103 m
 Barometer: 30.06

Station: 07-065
 Time: 622
 Wind Dir: 182.0°
 Air Temp Dry: Y °C

Lat: 28° 02.04' N
 Wind Speed: 5.0 m/s
 Air Temp Wet: Y °C

Long: 92° 09.96' W
 Wave Dir: MIX°
 Secchi Depth: Z m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.416	29.414	34.409	21.483	631.08	.051	1543.92	4.900		10.07
20	29.559	29.553	35.770	22.457	538.30	.109	1545.82	4.972		20.14
30	26.661	26.654	36.060	23.626	426.91	.157	1539.94	5.473		30.20
50	23.098	23.088	36.365	24.942	302.21	.229	1532.02	5.563		50.34
75	20.357	20.343	36.403	25.739	227.28	.294	1525.27	4.626		75.52
100	18.570	18.552	36.376	26.184	185.68	.345	1520.66	3.592		100.69

Cruise: GULFCET 02
 Date: 17-Aug-92
 Depth: 814 m
 Barometer: 29.99

Station: 07-071
 Time: 2338
 Wind Dir: 164.0°
 Air Temp Dry: °C

Lat: 27° 26.01' N
 Wind Speed: 3.2 m/s
 Air Temp Wet: °C

Long: 92° 09.93' W
 Wave Dir: 145°
 Secchi Depth: 21 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.237	29.234	36.071	22.791	505.88	.046	1545.28	4.786		10.07
20	28.562	28.558	36.232	23.138	473.16	.096	1544.18	4.951		20.14
30	25.693	25.686	36.298	24.111	380.71	.139	1537.94	5.541		30.20
50	22.039	22.029	36.275	25.178	279.79	.204	1529.20	5.405		50.34
75	20.036	20.022	36.369	25.799	221.57	.267	1524.35	4.442		75.52
100	18.539	18.521	36.437	26.239	180.50	.316	1520.64	3.405		100.69
125	17.329	17.308	36.324	26.452	160.91	.359	1517.40	3.464		125.88
150	16.358	16.334	36.185	26.577	149.74	.398	1514.75	3.436		151.06
200	14.732	14.702	35.935	26.753	134.17	.469	1510.24	3.404		201.44
250	13.421	13.385	35.746	26.886	122.59	.534	1506.62	3.335		251.83
300	11.828	11.788	35.508	27.017	110.69	.592	1501.83	3.281		302.23
400	9.927	9.880	35.232	27.146	99.62	.698	1496.49	3.171		403.07
500	8.250	8.197	35.012	27.246	90.69	.794	1491.72	3.309		503.96
600	7.292	7.233	34.945	27.335	82.97	.882	1489.66	3.394		604.90
700	6.159	6.095	34.906	27.458	71.30	.960	1486.86	3.805		705.89

Cruise: GULFCET 02
 Date: 17-Aug-92
 Depth: 1800 m
 Barometer: 30.02

Station: 07-073
 Time: 1620
 Wind Dir: 106.2°
 Air Temp Dry: °C

Lat: 26° 45.99' N
 Wind Speed: 3.2 m/s
 Air Temp Wet: °C

Long: 92° 09.98' W
 Wave Dir: Z °
 Secchi Depth: Z m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.555	29.553	36.168	22.757	509.21	.046	1546.06	4.648		10.07
20	29.540	29.535	36.171	22.764	508.91	.098	1546.20	4.600		20.14
30	29.040	29.033	36.219	22.968	489.83	.149	1545.36	4.777		30.20
50	25.411	25.400	36.344	24.233	369.84	.231	1537.67	5.422		50.34
75	23.433	23.417	36.390	24.863	310.73	.315	1533.31	5.400		75.52
100	22.556	22.536	36.389	25.117	287.54	.390	1531.50	5.136		100.69
125	20.605	20.581	36.302	25.595	242.83	.457	1526.67	4.645		125.88
150	19.804	19.776	36.520	25.975	207.53	.515	1525.14	3.557		151.06
200	16.683	16.650	36.241	26.544	154.56	.604	1516.63	3.502		201.44
250	15.002	14.964	35.980	26.729	138.08	.677	1511.99	3.400		251.83
300	13.358	13.315	35.737	26.892	123.31	.743	1507.24	3.276		302.23
400	10.960	10.910	35.375	27.075	107.09	.857	1500.33	3.189		403.07
500	9.253	9.196	35.146	27.192	96.79	.960	1495.60	3.141		503.96
600	7.799	7.737	34.988	27.295	87.37	1.052	1491.65	3.259		604.90
700	6.712	6.645	34.918	27.394	78.13	1.135	1489.05	3.526		705.89
800	6.014	5.941	34.908	27.479	70.51	1.211	1487.96	3.914		806.92
900	5.505	5.425	34.915	27.548	64.37	1.279	1487.60	4.146		908.01
1000	5.102	5.017	34.929	27.607	59.21	1.341	1487.67	4.483		1009.14

Cruise: GULFCET 02
 Date: 17-Aug-92
 Depth: 2000 m
 Barometer: 30.05

Station: 07-075
 Time: 1104
 Wind Dir: 11.0 °
 Air Temp Dry: 26.9 °C

Lat: 26° 16.90' N
 Wind Speed: 1.3 m/s
 Air Temp Wet: 22.8 °C

Long: 92° 10.05' W
 Wave Dir: 210°
 Secchi Depth: 31 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.714	29.711	36.278	22.785	506.48	.046	1546.50	4.952		10.07
20	29.715	29.710	36.279	22.786	506.85	.097	1546.68	4.902		20.14
30	28.744	28.736	36.261	23.099	477.29	.147	1544.77	5.274		30.20
50	27.291	27.279	36.319	23.620	428.41	.238	1541.98	5.212		50.34
75	25.131	25.115	36.432	24.386	356.32	.338	1537.52	5.705		75.52
100	23.334	23.313	36.450	24.938	304.60	.420	1533.55	5.600		100.69
125	22.813	22.788	36.455	25.093	290.75	.494	1532.66	5.374		125.88
150	21.367	21.337	36.373	25.440	258.58	.565	1529.22	4.788		151.06
200	18.303	18.268	36.448	26.307	177.48	.670	1521.65	3.514		201.44
250	16.050	16.009	36.139	26.614	149.35	.751	1515.43	3.534		251.83
300	14.224	14.180	35.866	26.810	131.56	.822	1510.21	3.456		302.23
400	11.368	11.317	35.430	27.043	110.38	.942	1501.82	3.490		403.07
500	9.354	9.297	35.145	27.174	98.53	1.047	1495.97	3.401		503.96
600	7.961	7.898	34.999	27.279	89.00	1.142	1492.28	3.515		604.90
700	6.824	6.756	34.918	27.379	79.75	1.228	1489.48	3.774		705.89
800	6.093	6.020	34.908	27.468	71.62	1.304	1488.27	4.113		806.92
900	5.630	5.550	34.915	27.532	66.09	1.374	1488.11	4.378		908.01
1000	5.044	4.959	34.934	27.618	58.07	1.437	1487.44	4.811		1009.14

Cruise: GULFCET 02
 Date: 17-Aug-92
 Depth: 2000 m
 Barometer: 29.97

Station: 08-076
 Time: 500
 Wind Dir: 117.0°
 Air Temp Dry: 27.2 °C

Lat: 26° 37.02' N
 Wind Speed: 3.5 m/s
 Air Temp Wet: 23.9 °C

Long: 91° 30.01' W
 Wave Dir: 180°
 Secchi Depth: Z m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.643	29.641	36.282	22.812	503.90	.046	1546.36	4.767		10.07
20	29.646	29.642	36.286	22.814	504.12	.096	1546.54	4.774		20.14
30	28.493	28.486	36.248	23.173	470.30	.145	1544.22	5.098		30.20
50	26.821	26.810	36.244	23.715	419.36	.233	1540.84	5.160		50.34
75	26.077	26.060	36.235	23.943	398.56	.336	1539.54	5.016		75.52
100	25.180	25.158	36.446	24.381	357.80	.432	1538.07	4.488		100.69
125	23.557	23.531	36.801	25.139	286.58	.514	1534.91	4.095		125.88
150	21.642	21.612	36.853	25.729	231.19	.578	1530.48	4.001		151.06
200	18.644	18.608	36.494	26.256	182.41	.681	1522.68	3.729		201.44
250	16.407	16.365	36.214	26.588	151.89	.763	1516.60	4.046		251.83
300	14.599	14.554	35.924	26.774	135.13	.835	1511.48	3.544		302.23
400	11.565	11.513	35.453	27.024	112.32	.959	1502.52	3.404		403.07
500	9.540	9.482	35.171	27.164	99.68	1.065	1496.68	3.445		503.96
600	8.082	8.019	35.000	27.262	90.81	1.161	1492.74	3.561		604.90
700	7.047	6.978	34.933	27.360	81.83	1.248	1490.37	3.752		705.89
800	6.114	6.040	34.905	27.463	72.13	1.326	1488.35	4.144		806.92
900	5.536	5.457	34.915	27.544	64.83	1.395	1487.73	4.477		908.01
1000	5.107	5.021	34.931	27.608	59.13	1.457	1487.69	4.734		1009.14

Cruise: GULFCET 02 **Station:** 08-080
Date: 16-Aug-92 **Time:** 2016 **Lat:** 27° 26.03' N **Long:** 91° 30.02' W
Depth: 950 m **Wind Dir:** ° **Wind Speed:** 4.2 m/s **Wave Dir:** Z °
Barometer: 30.02 **Air Temp Dry:** 26.6 °C **Air Temp Wet:** 23.9 °C **Secchi Depth:** Z m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.480	29.478	36.140	22.761	508.81	.042	1545.87	4.774		10.07
20	29.477	29.473	36.146	22.766	508.69	.093	1546.04	4.785		20.14
30	29.447	29.440	36.153	22.782	507.64	.144	1546.15	4.802		30.20
50	25.654	25.643	36.263	24.096	382.91	.235	1538.16	5.573		50.34
75	22.815	22.800	36.416	25.063	291.73	.316	1531.78	5.474		75.52
100	20.853	20.833	36.369	25.578	243.52	.385	1527.00	4.759		100.69
125	19.268	19.245	36.497	26.098	194.85	.440	1523.20	3.617		125.88
150	18.361	18.334	36.498	26.330	173.54	.487	1521.03	3.863		151.06
200	15.865	15.833	36.109	26.633	145.92	.566	1513.99	3.684		201.44
250	14.188	14.151	35.856	26.809	130.11	.636	1509.24	3.781		251.83
300	12.840	12.798	35.640	26.921	120.28	.698	1505.41	3.647		302.23
400	10.420	10.372	35.269	27.089	105.34	.811	1498.29	3.634		403.07
500	8.749	8.694	35.070	27.213	94.27	.912	1493.65	3.517		503.96
600	7.456	7.396	34.944	27.310	85.48	1.002	1490.29	3.668		604.90
700	6.486	6.420	34.905	27.414	75.93	1.084	1488.15	3.929		705.89
800	5.806	5.734	34.907	27.504	67.73	1.156	1487.13	4.212		806.92
900	5.376	5.298	34.928	27.574	61.73	1.221	1487.10	4.393		908.01

Cruise: GULFCET 02 **Station:** 08-086
Date: 16-Aug-92 **Time:** 1242 **Lat:** 28° 07.53' N **Long:** 91° 30.00' W
Depth: 98 m **Wind Dir:** 359.0° **Wind Speed:** 5.6 m/s **Wave Dir:** 0 °
Barometer: 30.04 **Air Temp Dry:** 28.8 °C **Air Temp Wet:** 25.0 °C **Secchi Depth:** 15 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.384	29.382	32.526	20.082	765.52	.070	1541.89	4.784		10.07
20	27.928	27.923	35.790	23.015	484.95	.130	1542.33	4.899		20.14
30	24.972	24.965	35.884	24.020	389.34	.172	1535.78	5.368		30.20
50	21.300	21.290	36.221	25.343	264.03	.233	1527.19	5.531		50.34
75	19.538	19.525	36.290	25.869	214.81	.293	1522.88	4.326		75.52

Cruise: GULFCET 02 **Station:** 09-087
Date: 16-Aug-92 **Time:** 816 **Lat:** 28° 09.00' N **Long:** 90° 49.95' W
Depth: 109 m **Wind Dir:** ° **Wind Speed:** 6.2 m/s **Wave Dir:** °
Barometer: 30.02 **Air Temp Dry:** 27.7 °C **Air Temp Wet:** 22.2 °C **Secchi Depth:** m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.597	29.594	32.513	20.002	773.25	.062	1542.33	4.889		10.07
20	28.687	28.682	35.116	22.258	557.30	.128	1543.27	5.044		20.14
30	25.433	25.426	35.634	23.690	420.85	.176	1536.62	5.501		30.20
50	21.099	21.090	36.213	25.392	259.39	.243	1526.65	5.127		50.34
75	19.684	19.670	36.348	25.875	214.23	.302	1523.35	3.655		75.52
100	18.998	18.980	36.375	26.074	196.17	.354	1521.88	3.425		100.69

Cruise: GULFCET 02
 Date: 15-Aug-92
 Depth: 1300 m
 Barometer: 30.03

Station: 09-093
 Time: 2350
 Wind Dir: 45.8 °
 Air Temp Dry: 27.7 °C

Lat: 27° 25.96' N
 Wind Speed: 4.9 m/s
 Air Temp Wet: 24.4 °C

Long: 90° 50.05' W
 Wave Dir: Z °
 Secchi Depth: Z m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.724	29.721	33.892	20.992	678.16	.062	1544.03	4.858		10.07
20	29.902	29.897	35.706	22.291	554.12	.125	1546.47	4.872		20.14
30	27.300	27.293	35.833	23.251	462.74	.177	1541.14	5.362		30.20
50	22.997	22.986	36.294	24.918	304.53	.253	1531.68	5.726		50.34
75	21.476	21.461	36.389	25.422	257.48	.324	1528.26	5.402		75.52
100	19.706	19.687	36.518	25.999	203.40	.382	1524.03	3.998		100.69
125	18.369	18.347	36.427	26.274	178.03	.429	1520.56	3.862		125.88
150	17.013	16.988	36.179	26.417	165.00	.473	1516.72	3.718		151.06
200	15.100	15.069	35.912	26.654	143.63	.550	1511.38	3.919		201.44
250	13.519	13.483	35.643	26.786	132.08	.618	1506.82	3.831		251.83
300	12.221	12.181	35.461	26.905	121.46	.681	1503.11	3.799		302.23
400	10.045	9.998	35.187	27.091	104.89	.793	1496.86	3.687		403.07
500	8.473	8.419	35.019	27.217	93.66	.893	1492.56	3.774		503.96
600	7.340	7.281	34.939	27.323	84.10	.983	1489.84	3.858		604.90
700	6.348	6.283	34.903	27.431	74.15	1.062	1487.60	4.021		705.89
800	5.726	5.655	34.908	27.515	66.62	1.133	1486.81	4.392		806.92
900	5.336	5.258	34.922	27.574	61.64	1.198	1486.93	4.559		908.01
1000	5.015	4.930	34.935	27.622	57.60	1.258	1487.33	4.729		1009.14

Cruise: GULFCET 02
 Date: 15-Aug-92
 Depth: 2000 m
 Barometer: 30.02

Station: 09-096
 Time: 1550
 Wind Dir: 36.0 °
 Air Temp Dry: 27.7 °C

Lat: 26° 45.00' N
 Wind Speed: 2.3 m/s
 Air Temp Wet: 24.4 °C

Long: 90° 49.97' W
 Wave Dir: 20 °
 Secchi Depth: 27 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.628	29.626	36.308	22.837	501.53	.046	1546.36	4.790		10.07
20	29.610	29.605	36.345	22.870	498.77	.096	1546.53	4.761		20.14
30	28.314	28.307	36.269	23.248	463.10	.145	1543.85	5.257		30.20
50	27.342	27.330	36.249	23.551	435.01	.235	1542.02	5.327		50.34
75	26.583	26.566	36.221	23.773	414.83	.342	1540.69	5.163		75.52
100	25.856	25.834	36.275	24.043	390.09	.444	1539.49	4.952		100.69
125	25.331	25.303	36.388	24.291	367.39	.539	1538.79	4.653		125.88
150	24.765	24.733	36.639	24.654	333.79	.629	1538.13	4.422		151.06
200	21.745	21.705	36.821	25.675	238.21	.771	1531.55	4.169		201.44
250	17.707	17.664	36.483	26.482	162.45	.865	1520.79	3.761		251.83
300	15.335	15.288	36.097	26.744	138.26	.940	1514.00	3.610		302.23
400	12.323	12.269	35.560	26.962	118.77	1.067	1505.24	3.858		403.07
500	10.190	10.129	35.260	27.123	104.21	1.178	1499.13	3.641		503.96
600	8.323	8.259	35.028	27.247	92.49	1.278	1493.68	3.672		604.90
700	7.145	7.076	34.929	27.343	83.59	1.368	1490.74	3.905		705.89
800	6.281	6.206	34.902	27.439	74.66	1.448	1489.01	4.122		806.92
900	5.620	5.540	34.910	27.529	66.33	1.519	1488.06	4.515		908.01
1000	5.164	5.078	34.927	27.598	60.18	1.582	1487.92	4.851		1009.14

Cruise: GULFCET 02
 Date: 15-Aug-92
 Depth: 2000 m
 Barometer: 30.04

Station: 10-097
 Time: 823
 Wind Dir: 142.0°
 Air Temp Dry: Y °C

Lat: 27° 10.06' N
 Wind Speed: 5.0 m/s
 Air Temp Wet: Y °C

Long: 90° 09.92' W
 Wave Dir: 210°
 Secchi Depth: Z m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	30.077	30.074	34.883	21.615	618.49	.053	1545.80	4.851		10.07
20	30.024	30.018	36.130	22.568	527.63	.110	1547.16	4.789		20.14
30	29.826	29.819	36.187	22.678	517.55	.162	1546.98	4.816		30.20
50	26.348	26.337	36.019	23.695	421.18	.257	1539.51	5.526		50.34
75	22.521	22.506	36.225	25.003	297.41	.345	1530.81	5.612		75.52
100	21.275	21.255	36.350	25.448	255.91	.415	1528.11	5.422		100.69
125	20.037	20.014	36.574	25.954	208.60	.476	1525.42	4.184		125.88
150	18.687	18.660	36.472	26.228	183.28	.526	1521.94	3.810		151.06
200	16.282	16.249	36.189	26.598	149.33	.608	1515.36	3.723		201.44
250	14.675	14.637	35.934	26.765	134.53	.680	1510.90	3.666		251.83
300	13.171	13.128	35.690	26.894	123.04	.745	1506.56	3.672		302.23
400	9.792	9.745	35.188	27.135	100.60	.856	1495.95	3.556		403.07
500	8.154	8.102	35.009	27.258	89.42	.951	1491.36	3.495		503.96
600	7.082	7.023	34.927	27.350	81.24	1.037	1488.83	3.663		604.90
700	6.209	6.145	34.905	27.451	72.05	1.114	1487.06	3.991		705.89
800	5.643	5.573	34.909	27.526	65.42	1.184	1486.48	4.300		806.92
900	5.228	5.151	34.925	27.589	60.00	1.247	1486.50	4.529		908.01
1000	4.844	4.760	34.942	27.648	54.84	1.305	1486.64	4.838		1009.14

Cruise: GULFCET 02
 Date: 15-Aug-92
 Depth: 800 m
 Barometer: 30.04

Station: 10-100
 Time: 142
 Wind Dir: 93.0 °
 Air Temp Dry: 25.0 °C

Lat: 27° 45.99' N
 Wind Speed: 2.6 m/s
 Air Temp Wet: 22.8 °C

Long: 90° 09.96' W
 Wave Dir: 80 °
 Secchi Depth: Z m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	30.170	30.168	34.454	21.261	652.37	.065	1545.55	4.864		10.07
20	29.398	29.393	36.073	22.738	511.39	.122	1545.80	5.013		20.14
30	26.468	26.461	36.333	23.894	401.39	.169	1539.79	5.411		30.20
50	23.036	23.025	36.543	25.096	287.64	.239	1532.06	5.238		50.34
75	20.445	20.431	36.558	25.833	218.34	.303	1525.68	4.270		75.52
100	18.391	18.373	36.481	26.310	173.76	.351	1520.27	3.794		100.69
125	17.015	16.994	36.297	26.507	155.65	.393	1516.44	3.745		125.88
150	16.127	16.103	36.155	26.608	146.75	.431	1514.01	3.747		151.06
200	14.518	14.488	35.901	26.773	132.19	.500	1509.52	3.594		201.44
250	12.731	12.697	35.624	26.931	118.01	.563	1504.19	3.743		251.83
300	11.588	11.549	35.440	27.010	111.28	.621	1500.92	3.656		302.23
400	9.459	9.413	35.154	27.164	97.51	.725	1494.70	3.412		403.07
500	8.077	8.025	34.998	27.261	89.12	.819	1491.05	3.482		503.96
600	6.858	6.801	34.915	27.372	78.94	.904	1487.95	3.736		604.90
700	6.001	5.937	34.910	27.482	68.82	.979	1486.24	4.129		705.89

Cruise: GULFCET 02
 Date: 14-Aug-92
 Depth: 94 m
 Barometer: 30.04

Station: 10-105
 Time: 2030
 Wind Dir: 93.0 °
 Air Temp Dry: 25.5 °C

Lat: 28° 15.91' N
 Wind Speed: 2.6 m/s
 Air Temp Wet: 23.9 °C

Long: 90° 10.05' W
 Wave Dir: Z °
 Secchi Depth: Z m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.924	29.921	35.620	22.220	560.56	.058	1546.25	4.934		10.07
20	29.331	29.326	35.970	22.684	516.59	.113	1545.55	4.970		20.14
30	25.238	25.232	35.841	23.906	400.23	.158	1536.38	5.572		30.20
50	20.990	20.980	36.345	25.523	246.90	.218	1526.50	5.419		50.34
75	19.899	19.885	36.365	25.831	218.44	.275	1523.97	3.784		75.52

Cruise: GULFCET 02 **Station:** 11-106
Date: 14-Aug-92 **Time:** 1522 **Lat:** 28° 44.97' N **Long:** 89° 30.12' W
Depth: 95 m **Wind Dir:** 88.5 ° **Wind Speed:** 4.7 m/s **Wave Dir:** 85 °
Barometer: 30.03 **Air Temp Dry:** 24.4 °C **Air Temp Wet:** 23.9 °C **Secchi Depth:** 1-2 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.410	29.407	35.511	22.312	551.70	.076	1545.06	4.810		10.07
20	25.634	25.630	36.200	24.055	385.66	.123	1537.53	5.132		20.14
30	23.420	23.413	36.128	24.669	327.47	.159	1532.23	5.251		30.20
50	21.419	21.409	36.270	25.347	263.60	.217	1527.56	5.178		50.34
75	20.379	20.365	36.331	25.677	233.13	.278	1525.25	3.403		75.52

Cruise: GULFCET 02 **Station:** 11-112
Date: 13-Aug-92 **Time:** 728 **Lat:** 28° 06.03' N **Long:** 89° 30.00' W
Depth: 1075 m **Wind Dir:** 140.0° **Wind Speed:** 4.2 m/s **Wave Dir:** 140°
Barometer: 30.02 **Air Temp Dry:** 27.2 °C **Air Temp Wet:** 25.0 °C **Secchi Depth:** 20.5 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	30.443	30.441	35.137	21.679	612.29	.049	1546.82	4.906		10.07
20	30.213	30.208	35.856	22.298	553.53	.106	1547.27	4.873		20.14
30	28.383	28.376	36.179	23.157	471.73	.157	1543.91	5.244		30.20
50	22.187	22.177	36.072	24.981	298.46	.232	1529.36	5.441		50.34
75	19.539	19.525	36.380	25.938	208.29	.293	1522.99	4.241		75.52
100	18.646	18.628	36.438	26.213	183.00	.342	1520.95	3.599		100.69
125	17.216	17.195	36.333	26.487	157.64	.385	1517.08	3.723		125.88
150	16.375	16.350	36.192	26.578	149.61	.424	1514.81	3.831		151.06
200	14.397	14.367	35.881	26.784	131.13	.493	1509.11	3.800		201.44
250	12.868	12.834	35.638	26.915	119.61	.556	1504.66	3.599		251.83
300	11.765	11.725	35.478	27.006	111.72	.615	1501.57	3.389		302.23
400	9.651	9.605	35.167	27.142	99.77	.721	1495.41	3.419		403.07
500	8.214	8.161	35.015	27.253	89.95	.816	1491.59	3.310		503.96
600	7.117	7.058	34.926	27.344	81.84	.904	1488.96	3.548		604.90
700	6.312	6.247	34.902	27.435	73.66	.982	1487.46	3.801		705.89
800	5.539	5.469	34.912	27.541	63.82	1.051	1486.06	4.238		806.92
900	5.249	5.172	34.922	27.584	60.48	1.114	1486.58	4.348		908.01
1000	4.977	4.893	34.932	27.625	57.28	1.173	1487.17	4.510		1009.14

Cruise: GULFCET 02 **Station:** 11-115
Date: 13-Aug-92 **Time:** 2346 **Lat:** 27° 27.02' N **Long:** 89° 29.95' W
Depth: 2000 m **Wind Dir:** 219.0° **Wind Speed:** 5.3 m/s **Wave Dir:** Z °
Barometer: 30.02 **Air Temp Dry:** 27.7 °C **Air Temp Wet:** 25.8 °C **Secchi Depth:** Z m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.816	29.813	34.706	21.571	622.65	.044	1545.08	4.908		10.07
20	30.426	30.421	35.534	21.983	583.64	.106	1547.37	4.890		20.14
30	29.864	29.857	35.969	22.502	534.44	.162	1546.83	4.996		30.20
50	25.952	25.941	36.412	24.117	380.99	.255	1539.01	5.495		50.34
75	22.155	22.140	36.367	25.215	277.24	.336	1530.02	5.652		75.52
100	20.749	20.730	36.535	25.733	228.76	.400	1526.90	4.513		100.69
125	19.025	19.002	36.463	26.135	191.31	.453	1522.47	3.916		125.88
150	17.090	17.065	36.262	26.462	160.76	.497	1517.04	3.710		151.06
200	14.177	14.148	35.864	26.818	127.87	.568	1508.39	3.757		201.44
250	12.606	12.572	35.598	26.936	117.50	.629	1503.74	3.792		251.83
300	11.299	11.261	35.403	27.035	108.70	.686	1499.88	3.682		302.23
400	8.399	8.357	35.035	27.241	89.44	.786	1490.64	3.780		403.07
500	6.985	6.937	34.912	27.352	79.36	.870	1486.77	4.009		503.96
600	6.273	6.218	34.902	27.440	71.75	.946	1485.64	4.275		604.90
700	5.770	5.708	34.906	27.507	66.07	1.016	1485.31	4.432		705.89
800	5.368	5.299	34.918	27.567	61.13	1.081	1485.38	4.653		806.92
900	5.037	4.961	34.931	27.616	57.07	1.141	1485.73	4.908		908.01
1000	4.710	4.627	34.945	27.666	52.85	1.196	1486.09	5.070		1009.14

Cruise: GULFCET 02
 Date: 13-Aug-92
 Depth: 2000 m
 Barometer: 30.00

Station: 12-116

Time: 1815
 Wind Dir: 223.0°
 Air Temp Dry: 27.2 °C

Lat: 27° 25.97' N
 Wind Speed: 4.5 m/s
 Air Temp Wet: 25.3 °C

Long: 88° 49.89' W
 Wave Dir: 210°
 Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.272	29.270	35.926	22.671	517.43	.042	1545.21	4.891		10.07
20	29.256	29.251	35.944	22.689	516.04	.094	1545.36	4.943		20.14
30	28.564	28.556	36.133	23.063	480.78	.144	1544.25	5.103		30.20
50	24.347	24.336	36.392	24.593	335.50	.225	1535.16	5.713		50.34
75	21.580	21.565	36.353	25.366	262.82	.299	1528.50	5.250		75.52
100	19.966	19.947	36.536	25.944	208.65	.358	1524.76	4.089		100.69
125	18.028	18.007	36.433	26.364	169.40	.406	1519.58	3.747		125.88
150	17.101	17.076	36.299	26.489	158.29	.447	1517.12	3.839		151.06
200	14.985	14.954	35.988	26.738	135.66	.520	1511.10	3.961		201.44
250	13.699	13.663	35.765	26.843	126.76	.586	1507.55	3.849		251.83
300	12.509	12.468	35.591	26.950	117.41	.648	1504.24	3.575		302.23
400	10.185	10.137	35.237	27.105	103.64	.758	1497.42	3.528		403.07
500	8.675	8.621	35.055	27.214	94.15	.857	1493.36	3.561		503.96
600	7.364	7.304	34.941	27.321	84.33	.947	1489.93	3.623		604.90
700	6.421	6.355	34.900	27.419	75.37	1.028	1487.88	4.106		705.89
800	5.732	5.661	34.904	27.511	67.00	1.100	1486.83	4.389		806.92
900	5.324	5.246	34.917	27.571	61.84	1.165	1486.88	4.747		908.01
1000	5.002	4.917	34.929	27.619	57.84	1.225	1487.26	4.943		1009.14

Cruise: GULFCET 02
 Date: 13-Aug-92
 Depth: 95 m
 Barometer: 29.95

Station: 12-125

Time: 22
 Wind Dir: 200.0°
 Air Temp Dry: Z °C

Lat: 29° 06.29' N
 Wind Speed: 7.5 m/s
 Air Temp Wet: Z °C

Long: 88° 50.06' W
 Wave Dir: 180°
 Secchi Depth: Z m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	30.224	30.222	33.861	20.798	696.75	.050	1545.04	4.915		10.07
20	25.913	25.909	35.725	23.610	428.10	.104	1537.68	5.152		20.14
30	23.752	23.745	36.300	24.702	324.37	.140	1533.25	5.444		30.20
50	21.906	21.896	36.429	25.332	265.09	.198	1529.02	5.016		50.34
75	20.564	20.549	36.320	25.620	238.59	.261	1525.74	3.157		75.52

Cruise: GULFCET 02
 Date: 12-Aug-92
 Depth: 95 m
 Barometer: 29.95

Station: 13-126

Time: 1915
 Wind Dir: 175.3°
 Air Temp Dry: 27.5 °C

Lat: 29° 16.49' N
 Wind Speed: 6.7 m/s
 Air Temp Wet: 25.0 °C

Long: 88° 09.91' W
 Wave Dir: 130°
 Secchi Depth: 13 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	30.541	30.539	34.760	21.363	642.61	.073	1546.63	4.820		10.07
20	29.976	29.971	35.606	22.192	563.67	.132	1546.52	4.784		20.14
30	28.049	28.042	36.084	23.196	468.06	.185	1543.07	5.128		30.20
75	21.087	21.073	36.403	25.540	246.23	.311	1527.24	4.812		75.52

Cruise: GULFCET 02
 Date: 12-Aug-92
 Depth: 1850 m
 Barometer: 29.98

Station: 13-133
 Time: 1325
 Wind Dir: 184.4°
 Air Temp Dry: 28.8 °C

Lat: 28° 46.01' N
 Wind Speed: 5.5 m/s
 Air Temp Wet: 25.6 °C

Long: 88° 09.92' W
 Wave Dir: 150°
 Secchi Depth: 21 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	29.843	29.841	33.708	20.814	695.24	0.000	1544.09	4.640		9.76
20	30.202	30.197	35.807	22.264	556.72	.060	1547.19	4.532		20.14
30	29.028	29.021	35.993	22.803	505.65	.115	1545.10	4.754		30.20
50	23.177	23.166	36.258	24.838	312.11	.180	1532.10	5.317		50.34
75	21.084	21.070	36.301	25.463	253.55	.238	1527.12	4.636		75.52
100	20.211	20.192	36.362	25.746	227.48	.298	1525.24	4.219		100.69
125	19.168	19.145	36.445	26.084	196.16	.348	1522.86	3.442		125.88
150	17.940	17.914	36.393	26.356	171.07	.393	1519.70	3.333		151.06
200	15.114	15.083	36.009	26.726	136.89	.468	1511.53	3.317		201.44
250	12.691	12.657	35.622	26.937	117.37	.525	1504.05	3.186		251.83
300	10.690	10.653	35.322	27.083	103.84	.580	1497.65	3.152		302.23
400	8.649	8.606	35.054	27.216	91.95	.671	1491.60	3.214		403.07
500	7.650	7.600	34.958	27.293	85.61	.759	1489.38	3.296		503.96
600	6.818	6.760	34.911	27.374	78.65	.832	1487.79	3.605		604.93
700	6.045	5.982	34.901	27.469	70.14	.901	1486.40	3.892		705.89
800	5.610	5.539	34.908	27.529	65.08	.966	1486.34	4.056		806.92
900	5.195	5.118	34.923	27.592	59.67	1.024	1486.36	4.313		908.01
1000	4.901	4.817	34.934	27.635	56.18	1.079	1486.86	4.613		1009.08

Cruise: GULFCET 02
 Date: 12-Aug-92
 Depth: 2000 m
 Barometer: 29.97

Station: 13-134
 Time: 900
 Wind Dir: 171.6°
 Air Temp Dry: 27.7 °C

Lat: 28° 37.03' N
 Wind Speed: 6.9 m/s
 Air Temp Wet: 22.2 °C

Long: 88° 09.89' W
 Wave Dir: 140°
 Secchi Depth: 25 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	30.234	30.231	35.546	22.058	576.02	.061	1546.82	4.775		10.07
20	29.983	29.978	35.602	22.186	564.19	.118	1546.53	4.793		20.14
30	29.597	29.590	35.891	22.534	531.31	.174	1546.19	4.897		30.20
50	24.081	24.070	36.380	24.664	328.74	.261	1534.49	5.443		50.34
75	20.969	20.955	36.323	25.511	248.94	.315	1526.84	4.716		75.52
100	19.889	19.870	36.440	25.891	213.63	.371	1524.44	4.189		100.19
125	18.708	18.686	36.444	26.201	184.98	.420	1521.55	3.541		125.88
150	17.606	17.580	36.399	26.443	162.75	.464	1518.73	3.866		151.06
200	15.887	15.855	36.145	26.655	143.78	.537	1514.10	3.768		201.44
250	13.627	13.591	35.763	26.856	125.44	.598	1507.32	3.665		251.83
300	11.461	11.422	35.431	27.027	109.61	.657	1500.47	3.511		302.23
400	9.145	9.100	35.113	27.184	95.46	.750	1493.50	3.501		403.07
500	7.856	7.805	34.971	27.273	87.76	.839	1490.18	3.473		503.96
600	6.787	6.730	34.910	27.377	78.30	.915	1487.67	3.401		605.18
700	6.182	6.117	34.898	27.449	72.16	.986	1486.94	3.920		705.89
800	5.522	5.453	34.913	27.544	63.51	1.055	1486.00	4.328		806.92
900	5.187	5.110	34.922	27.591	59.67	1.109	1486.33	4.451		908.01
1000	4.872	4.788	34.938	27.641	55.51	1.162	1486.74	4.671		1008.86

Cruise: GULFCET 02
Date: 12-Aug-92
Depth: 2000 m
Barometer: 29.93

Station: 14-135

Time: 318
Wind Dir: 171.0°
Air Temp Dry: 28.3 °C

Lat: 28° 31.07' N
Wind Speed: 6.0 m/s
Air Temp Wet: 25.0 °C

Long: 87° 29.92' W
Wave Dir: 90 °
Secchi Depth: Z m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	30.244	30.241	35.466	21.994	582.10	.064	1546.75	4.700		10.07
20	27.910	27.905	35.923	23.120	474.84	.118	1542.43	5.044		20.14
30	25.098	25.092	36.229	24.242	368.21	.159	1536.46	5.388		30.20
50	22.919	22.909	36.265	24.919	304.45	.219	1531.45	5.647		49.90
75	21.140	21.125	36.230	25.394	260.08	.275	1527.19	5.393		75.52
100	20.432	20.413	36.297	25.638	237.79	.335	1525.78	4.810		100.69
150	18.508	18.482	36.465	26.268	179.46	.436	1521.42	3.617		151.06
200	16.649	16.615	36.246	26.556	153.41	.515	1516.54	3.739		201.43
250	14.712	14.674	35.950	26.769	134.13	.575	1511.03	3.590		251.83
300	13.463	13.420	35.733	26.867	125.77	.639	1507.58	3.455		302.23
400	10.565	10.516	35.291	27.081	106.23	.747	1498.84	3.209		403.07
500	8.622	8.568	35.041	27.210	94.40	.847	1493.15	3.190		503.96
600	7.445	7.385	34.929	27.300	86.39	.931	1490.23	3.313		604.90
700	6.502	6.436	34.897	27.406	76.68	1.002	1488.20	3.589		705.89
800	5.852	5.780	34.899	27.492	68.97	1.071	1487.30	3.916		806.92
900	5.392	5.313	34.912	27.559	63.09	1.131	1487.14	4.202		908.01
1000	5.005	4.920	34.929	27.619	57.87	1.183	1487.27	3.916		1009.14

Cruise: GULFCET 02
Date: 11-Aug-92
Depth: 1600 m
Barometer: 29.97

Station: 14-136

Time: 2307
Wind Dir: 139.3°
Air Temp Dry: 28.3 °C

Lat: 28° 46.03' N
Wind Speed: 6.0 m/s
Air Temp Wet: 25.6 °C

Long: 87° 29.99' W
Wave Dir: Z °
Secchi Depth: Z m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	30.300	30.297	33.261	20.323	742.35	.073	1544.58	4.857		10.07
20	30.126	30.121	35.696	22.207	562.19	.137	1546.92	4.888		20.14
30	26.482	26.475	36.021	23.654	424.24	.187	1539.48	5.490		30.20
50	22.884	22.873	36.261	24.926	303.77	.256	1531.36	5.792		50.34
75	20.987	20.972	36.241	25.444	255.36	.297	1526.80	5.463		75.52
100	20.098	20.079	36.202	25.655	236.14	.359	1524.76	5.201		100.69
125	19.821	19.797	36.435	25.905	213.21	.416	1524.67	3.977		125.88
150	18.864	18.837	36.539	26.235	182.73	.466	1522.52	3.780		151.06
250	14.754	14.716	35.948	26.758	135.21	.601	1511.16	3.750		251.83
300	13.241	13.198	35.700	26.887	123.71	.665	1506.81	3.517		302.23
400	10.506	10.457	35.281	27.084	105.91	.773	1498.61	3.265		403.07
500	8.654	8.599	35.056	27.218	93.75	.873	1493.28	3.091		503.96
600	7.351	7.291	34.930	27.314	84.94	.952	1489.87	3.397		604.90
700	6.521	6.455	34.897	27.403	76.99	1.021	1488.27	3.643		705.89
800	5.875	5.803	34.900	27.489	69.25	1.090	1487.40	4.031		806.92
900	5.398	5.320	34.912	27.558	63.19	1.151	1487.17	4.345		908.01

Cruise: GULFCET 02
Date: 11-Aug-92
Depth: 82 m
Barometer: 29.95

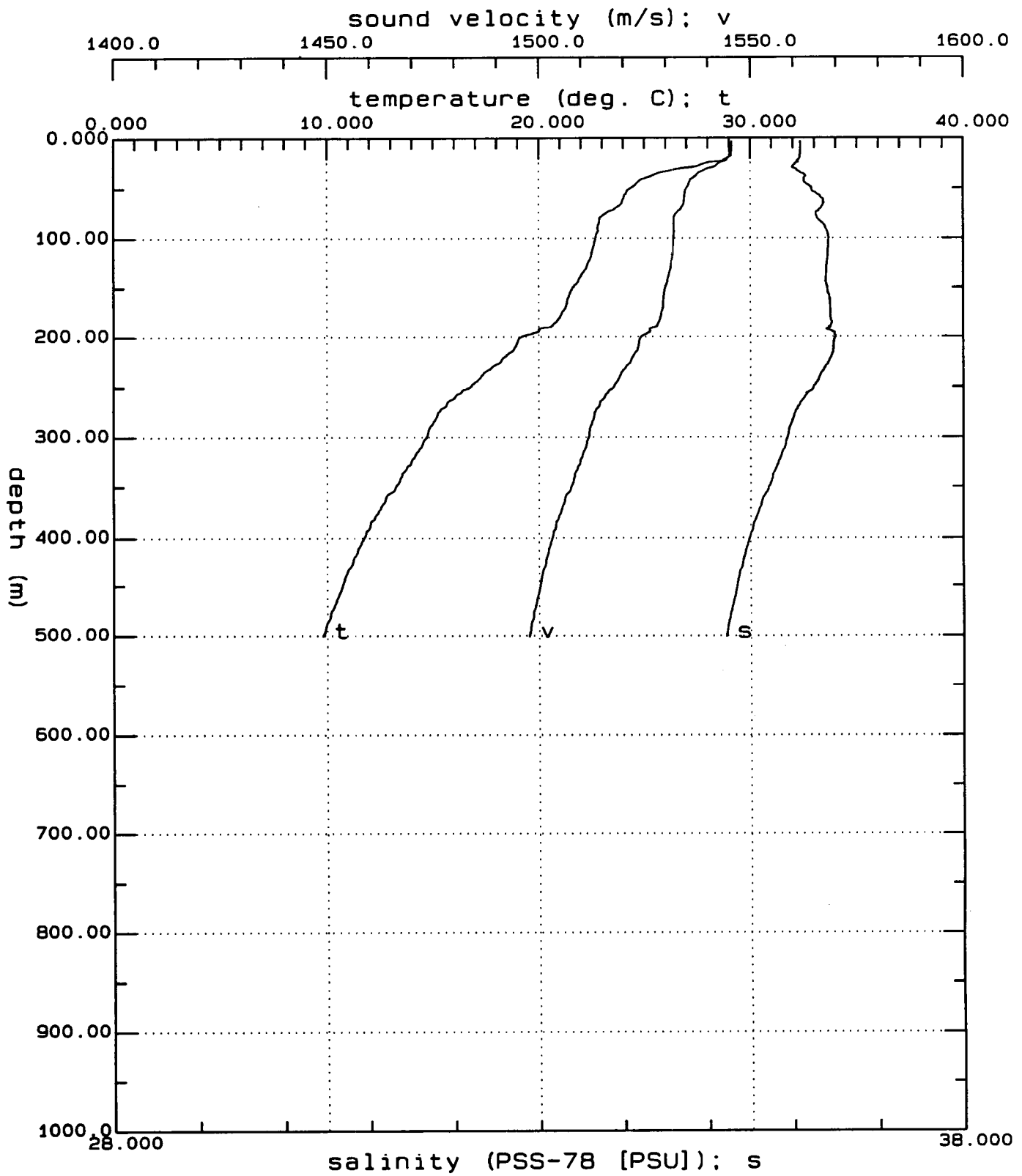
Station: 14-143

Time: 1555
Wind Dir: 133.4°
Air Temp Dry: 29.4 °C

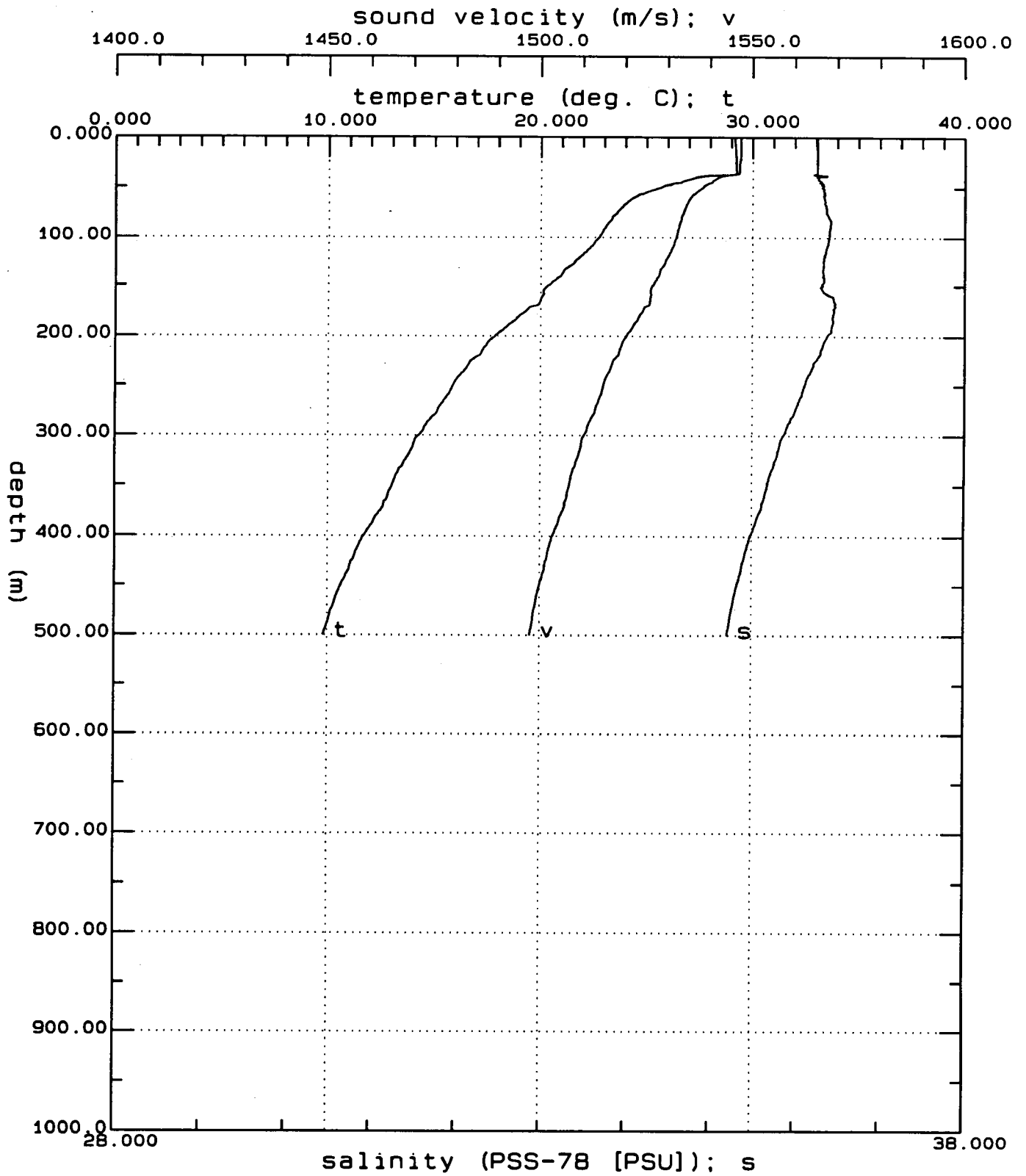
Lat: 29° 27.09' N
Wind Speed: 5.1 m/s
Air Temp Wet: 25.6 °C

Long: 87° 29.89' W
Wave Dir: 150°
Secchi Depth: 15 m

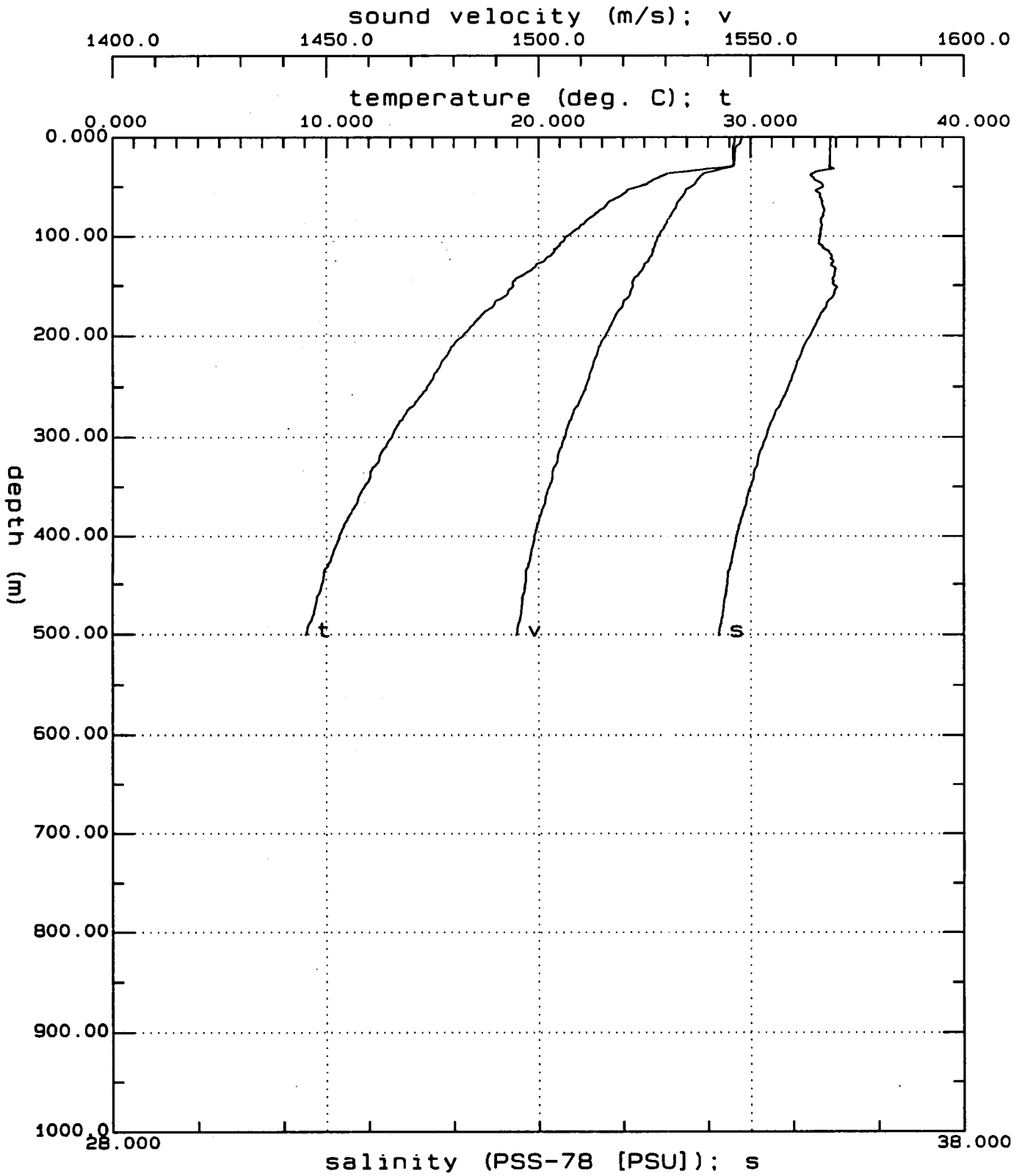
Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	30.512	30.509	33.052	20.094	764.35	.083	1544.80	4.541		10.07
20	28.841	28.836	35.886	22.785	506.87	.146	1544.42	4.714		20.14
30	23.728	23.722	36.042	24.513	342.38	.189	1532.91	4.996		30.20
50	21.438	21.429	36.237	25.316	266.57	.245	1527.58	4.006		50.31
75	20.738	20.724	36.278	25.540	246.18	.292	1526.17	3.797		75.52



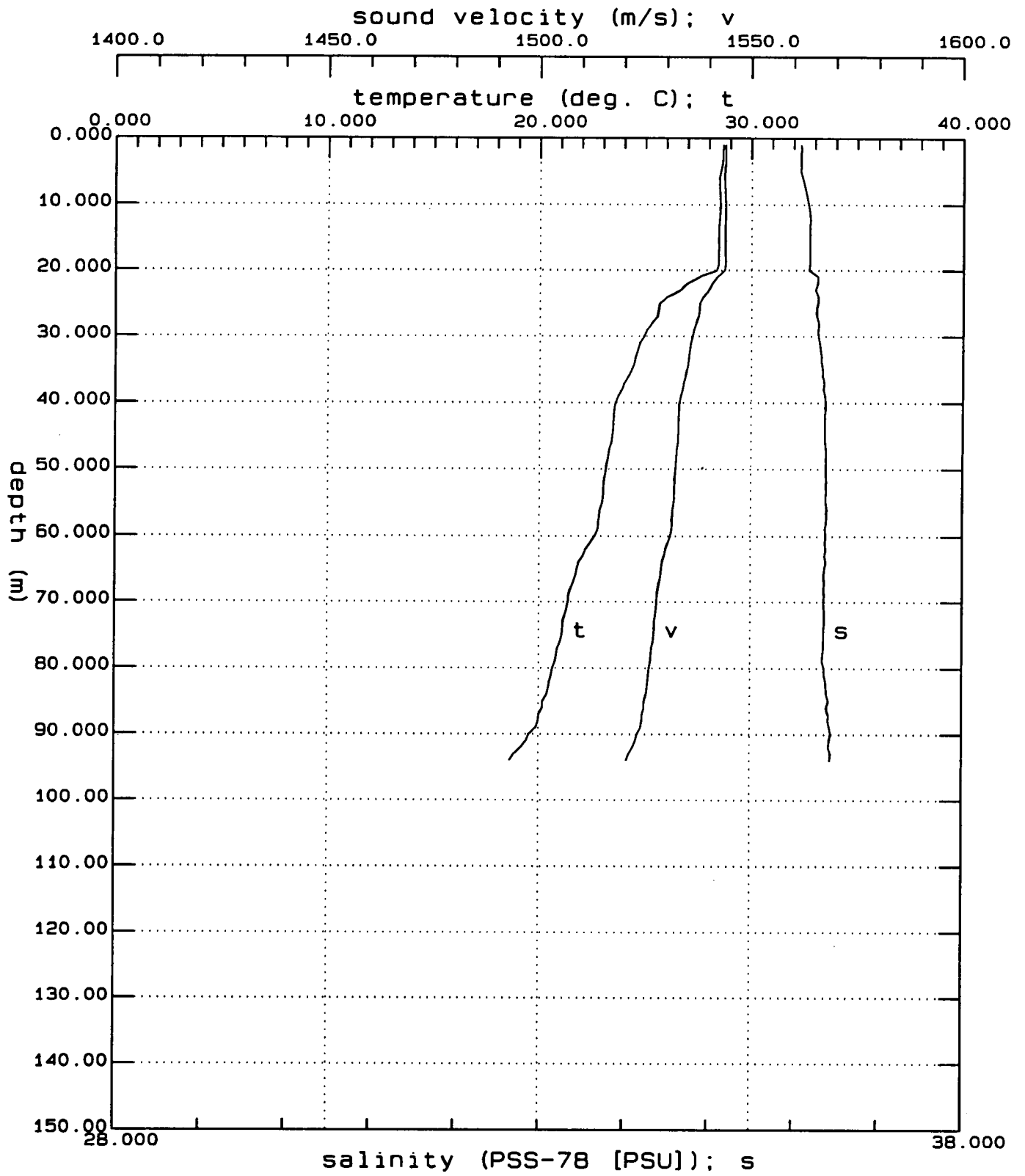
02-010.CNV: Gulfcet Cruise 02



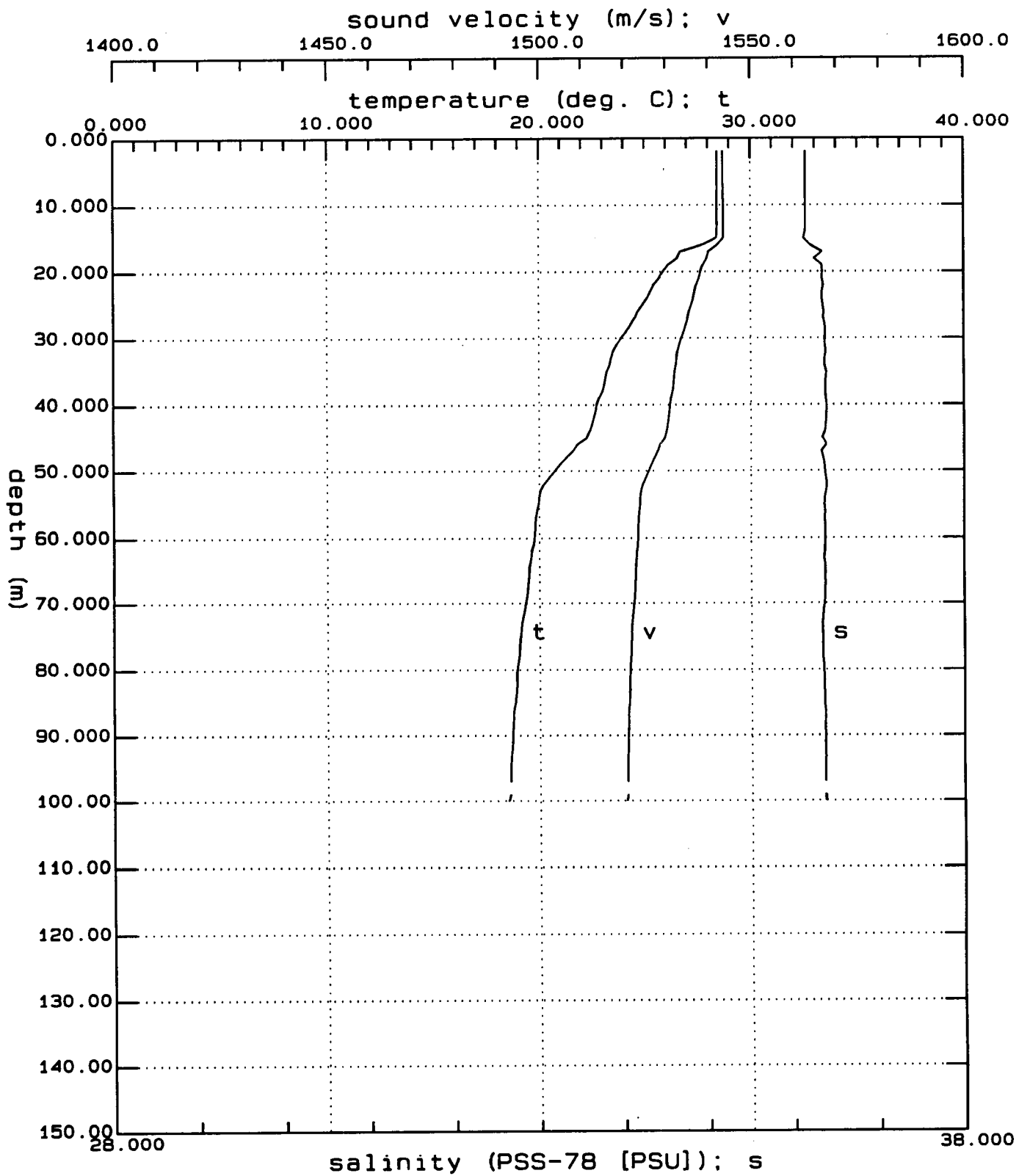
02-013.CNV: Gulfcet Cruise 02



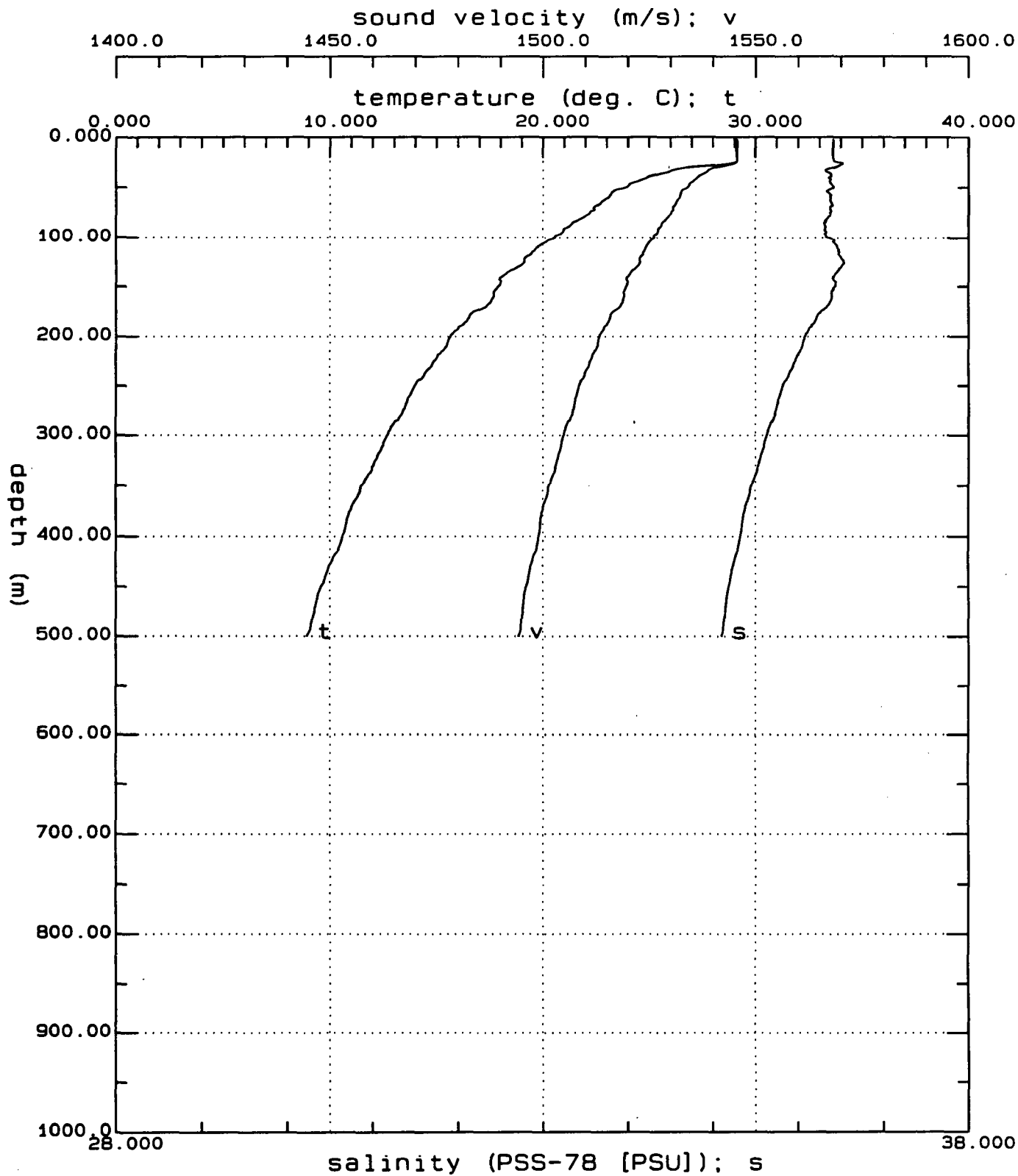
02-015.CNV: Gulfcet Cruise 02



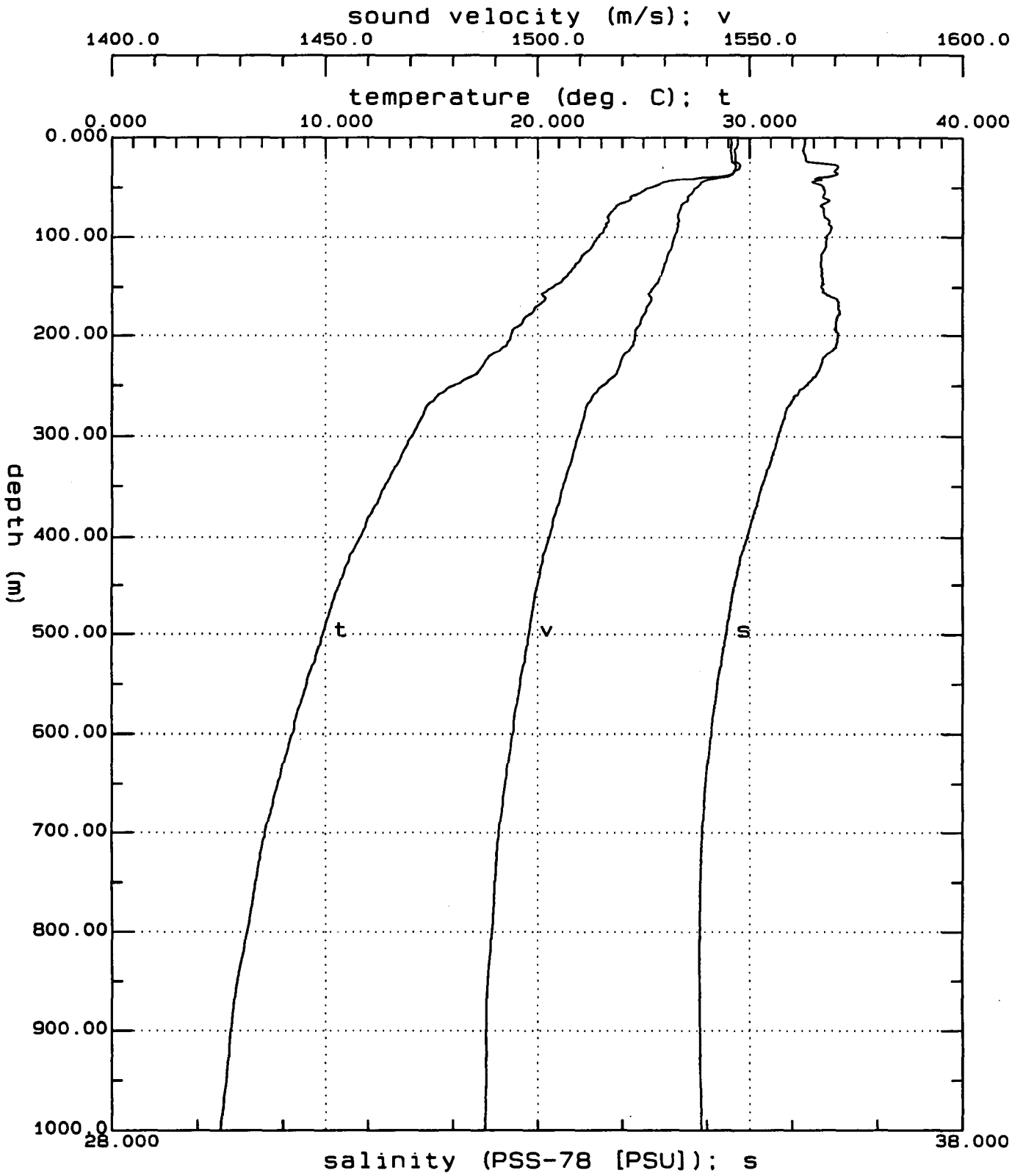
02-020.CNV: Gulfcet Cruise 02



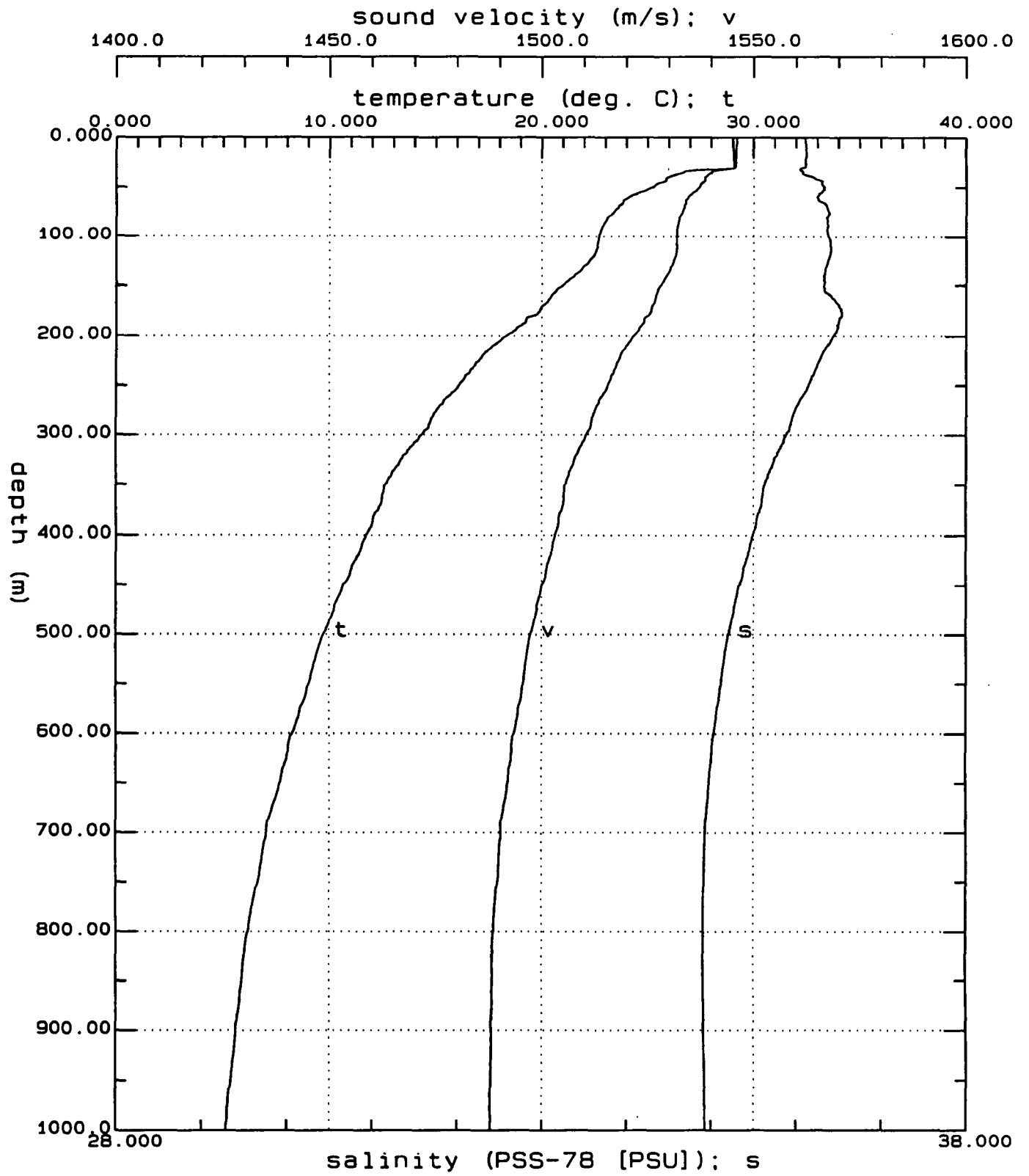
03-021.CNV: Gulfcet Cruise 02



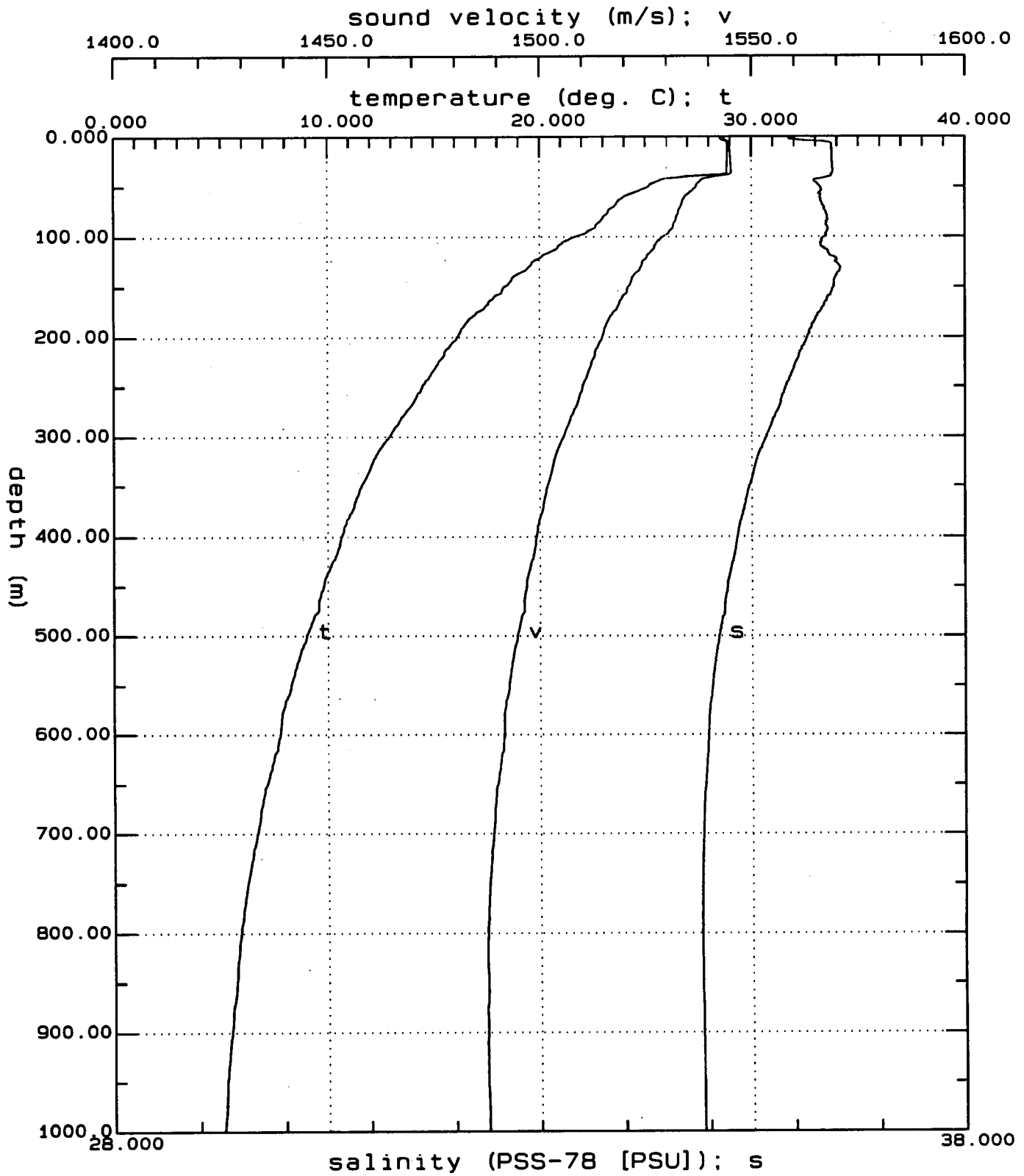
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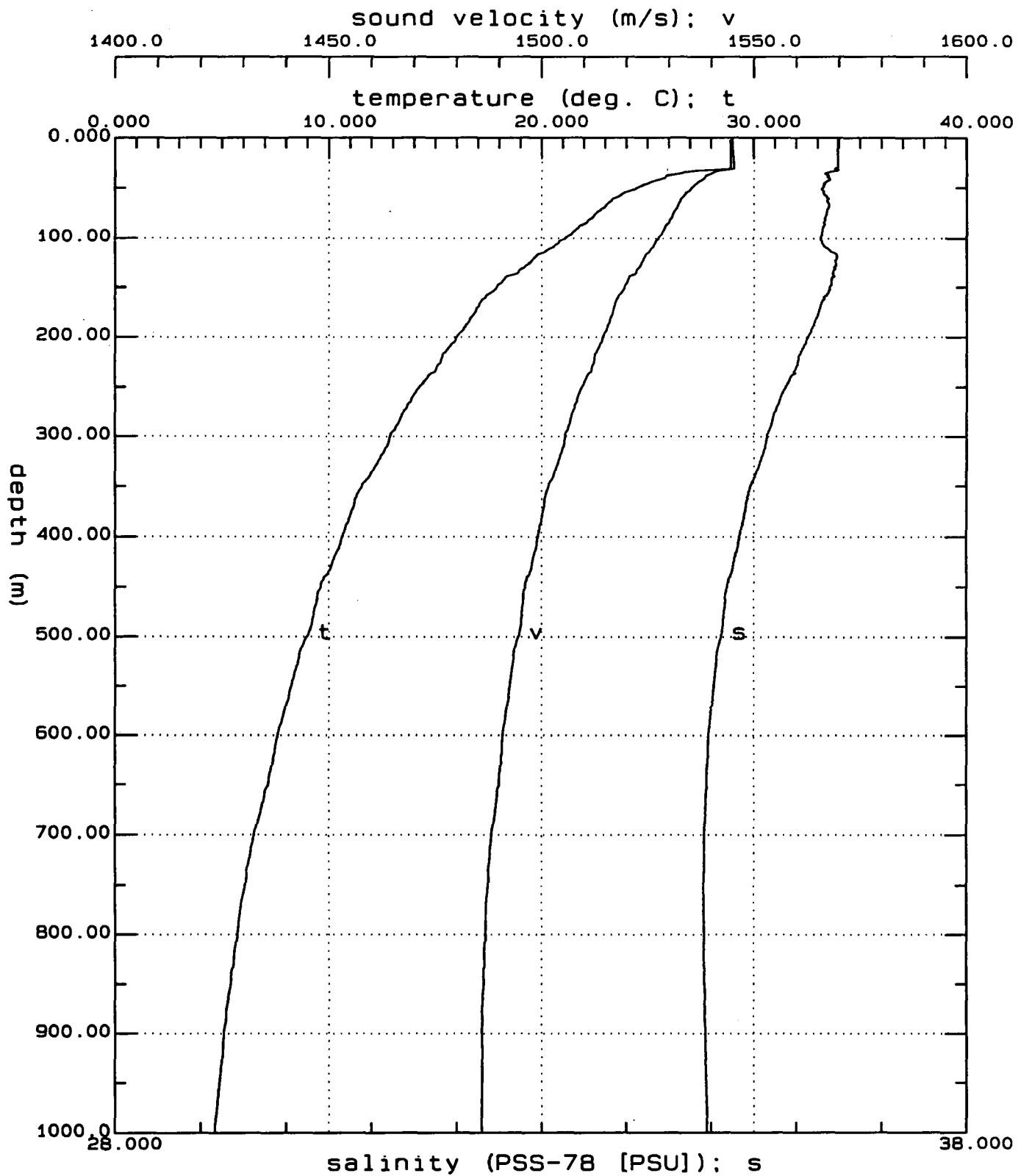
03-029.CNV: Gulfcet Cruise 02



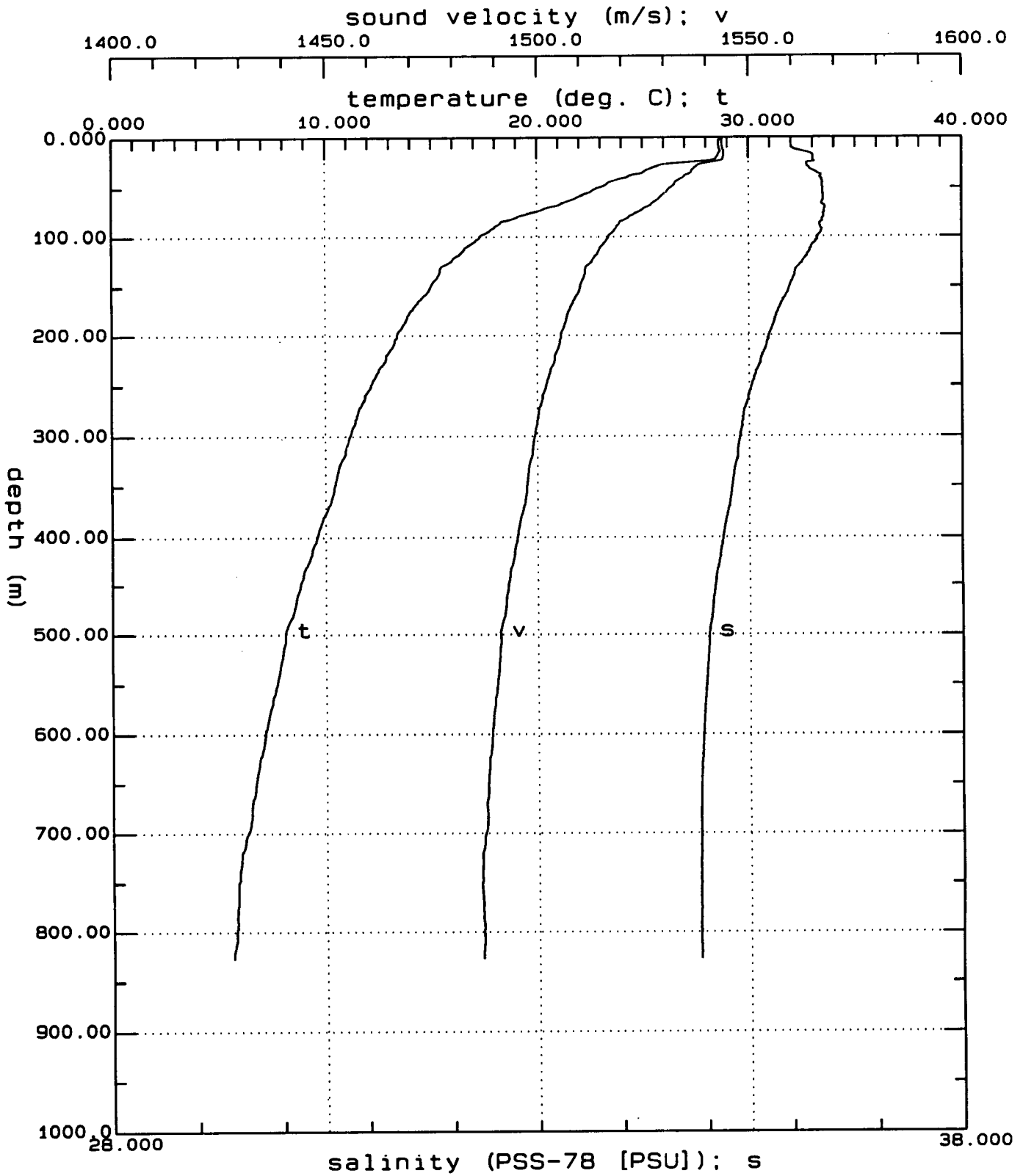
03-030.CNV: Gulfcet Cruise 02



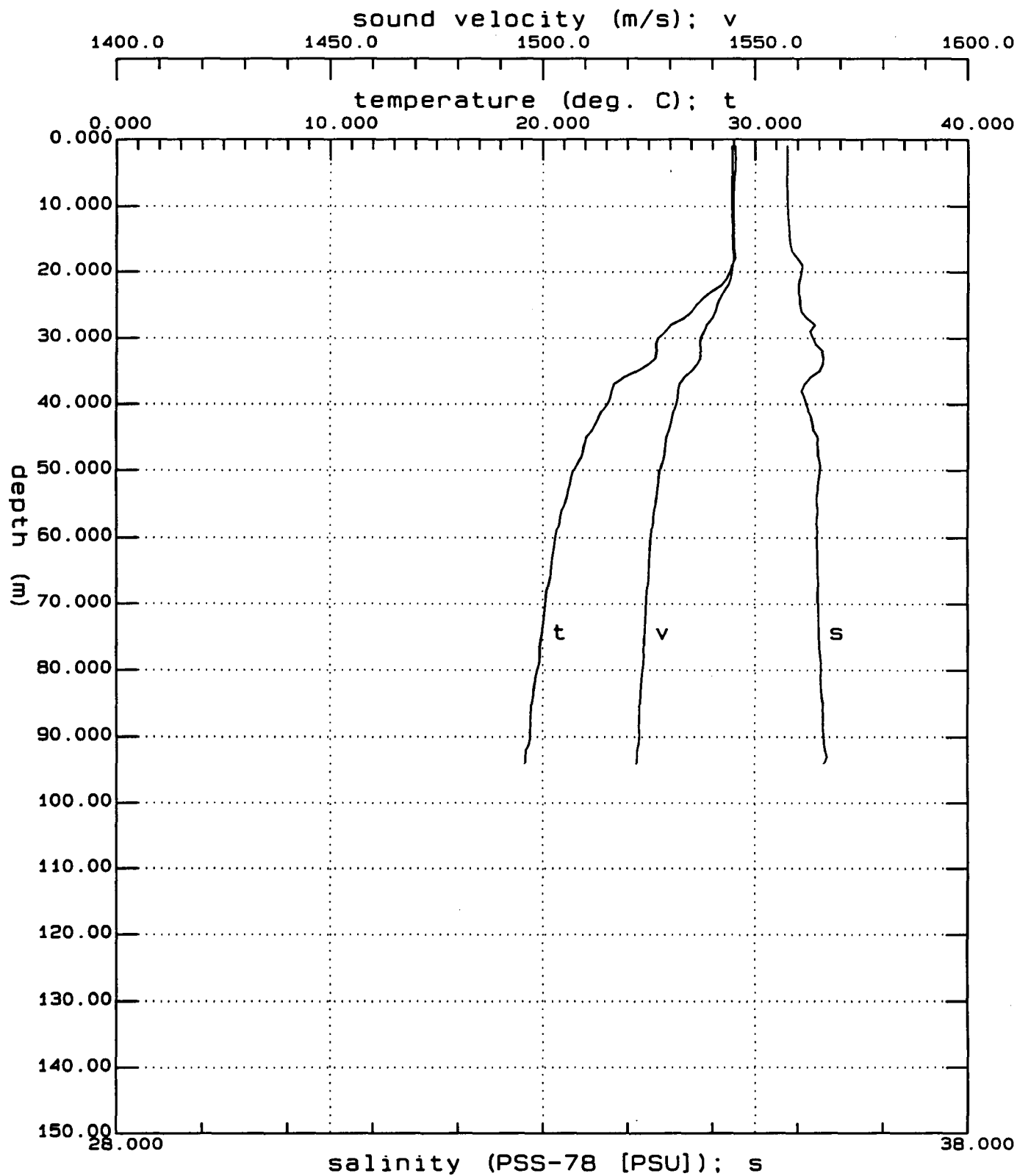
04-031.CNV: Gulfcet Cruise 02



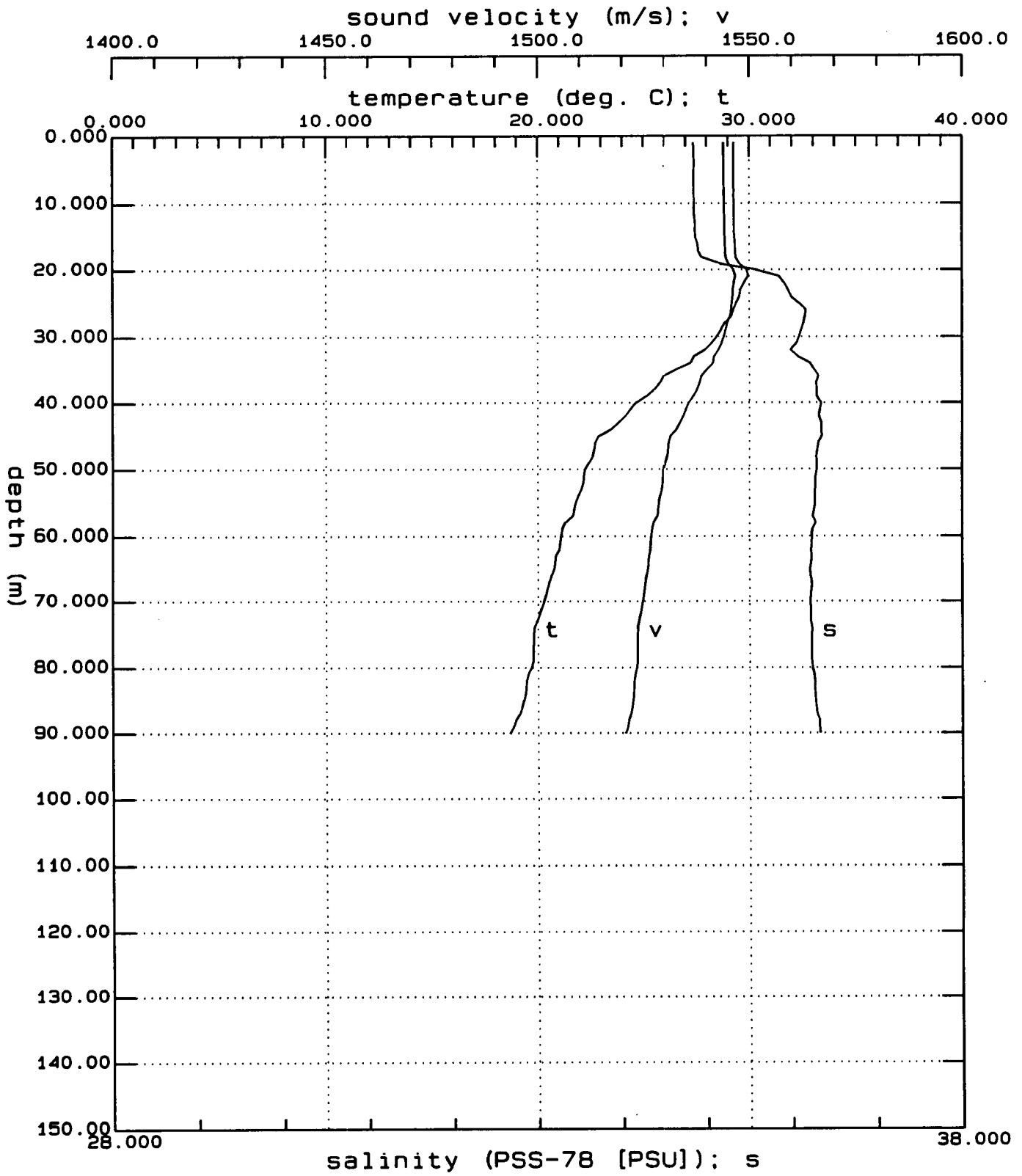
04-033.CNV: Gulfcet Cruise 02



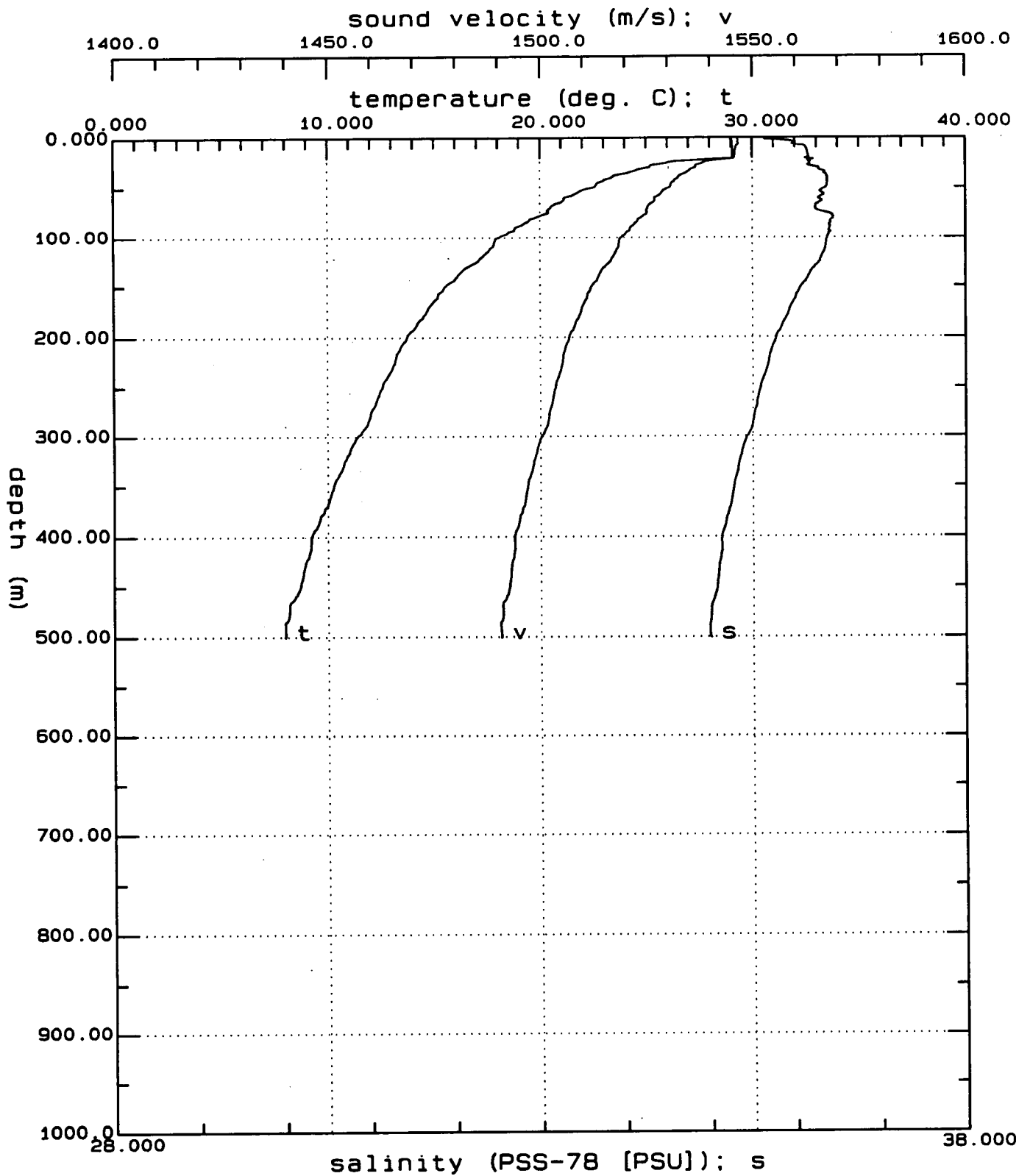
04-036.CNV: Gulfcet Cruise 02



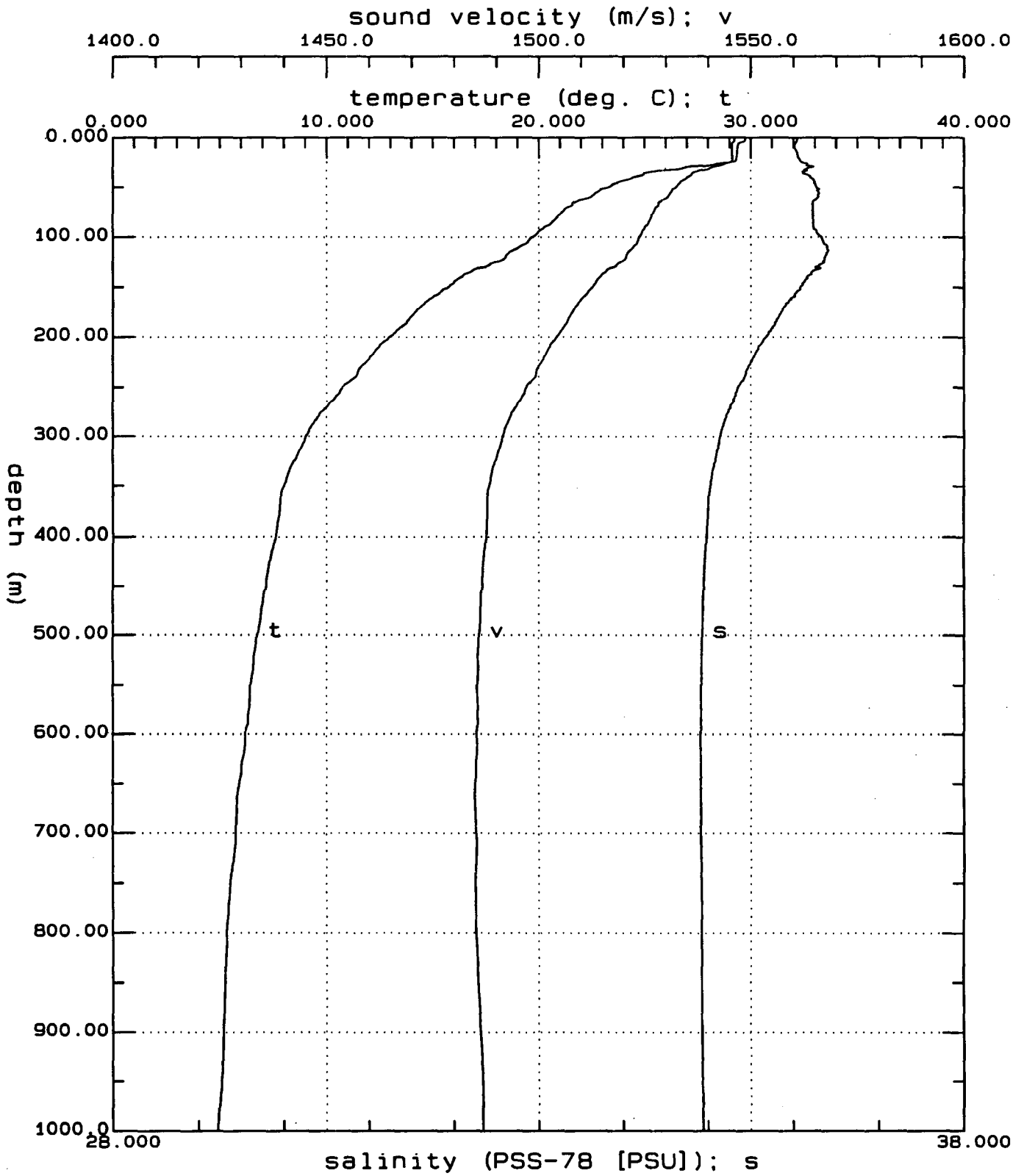
04-042.CNV: Gulfcet Cruise 02



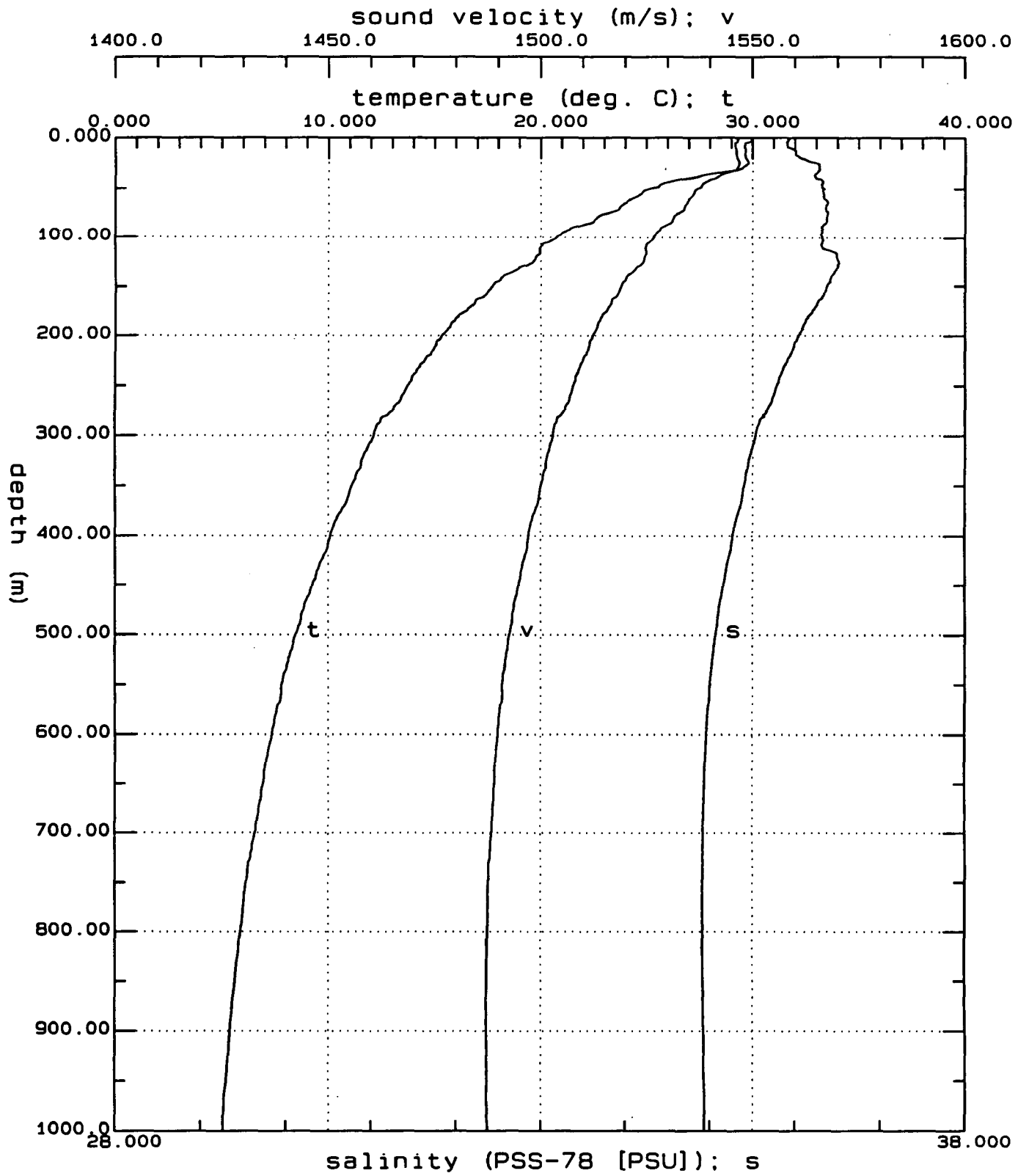
05-43.CNV: Gulfcet Cruise 02



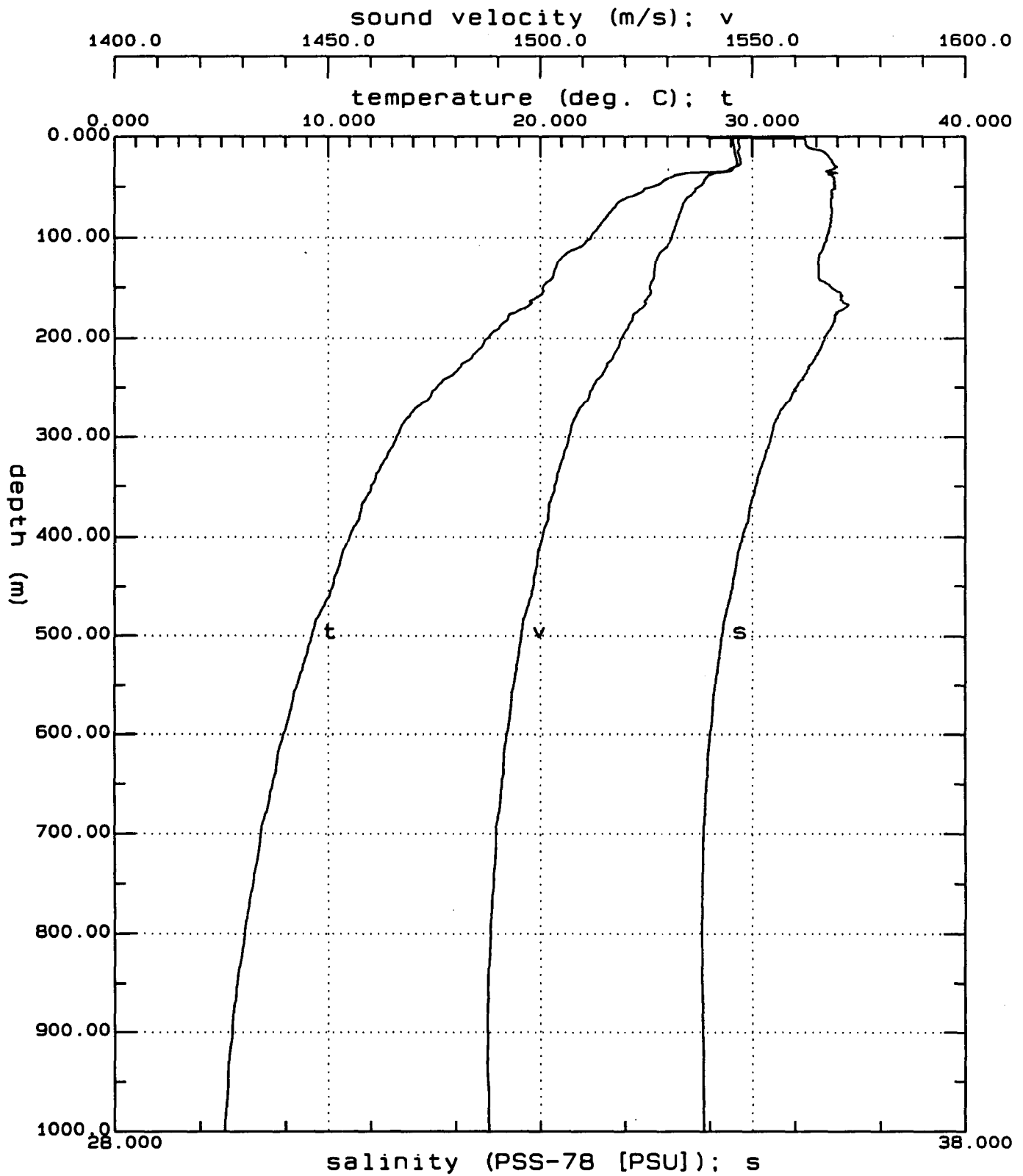
05-47.CNV: Gulfcet Cruise 02



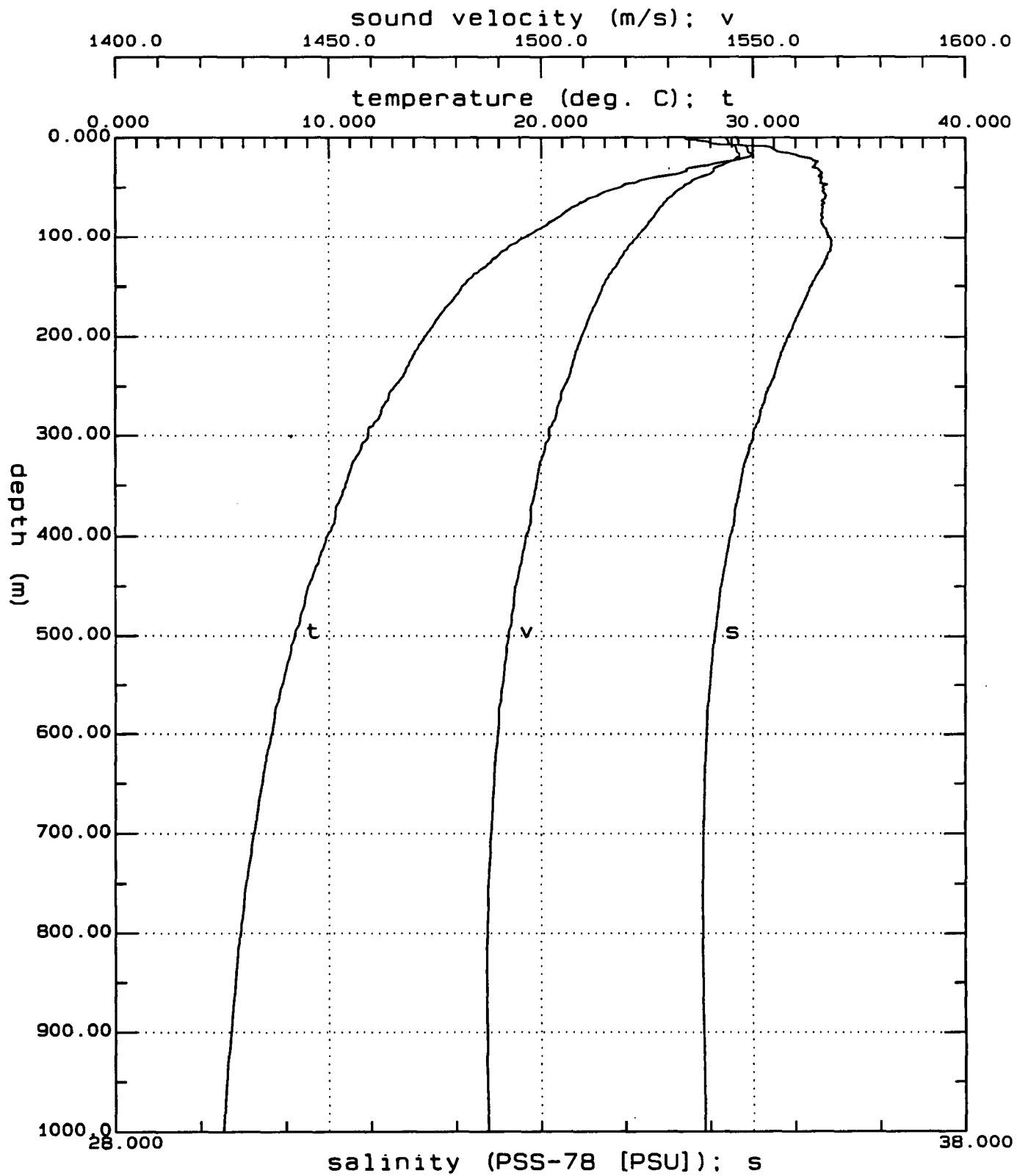
05-050.CNV: Gulfcet Cruise 02



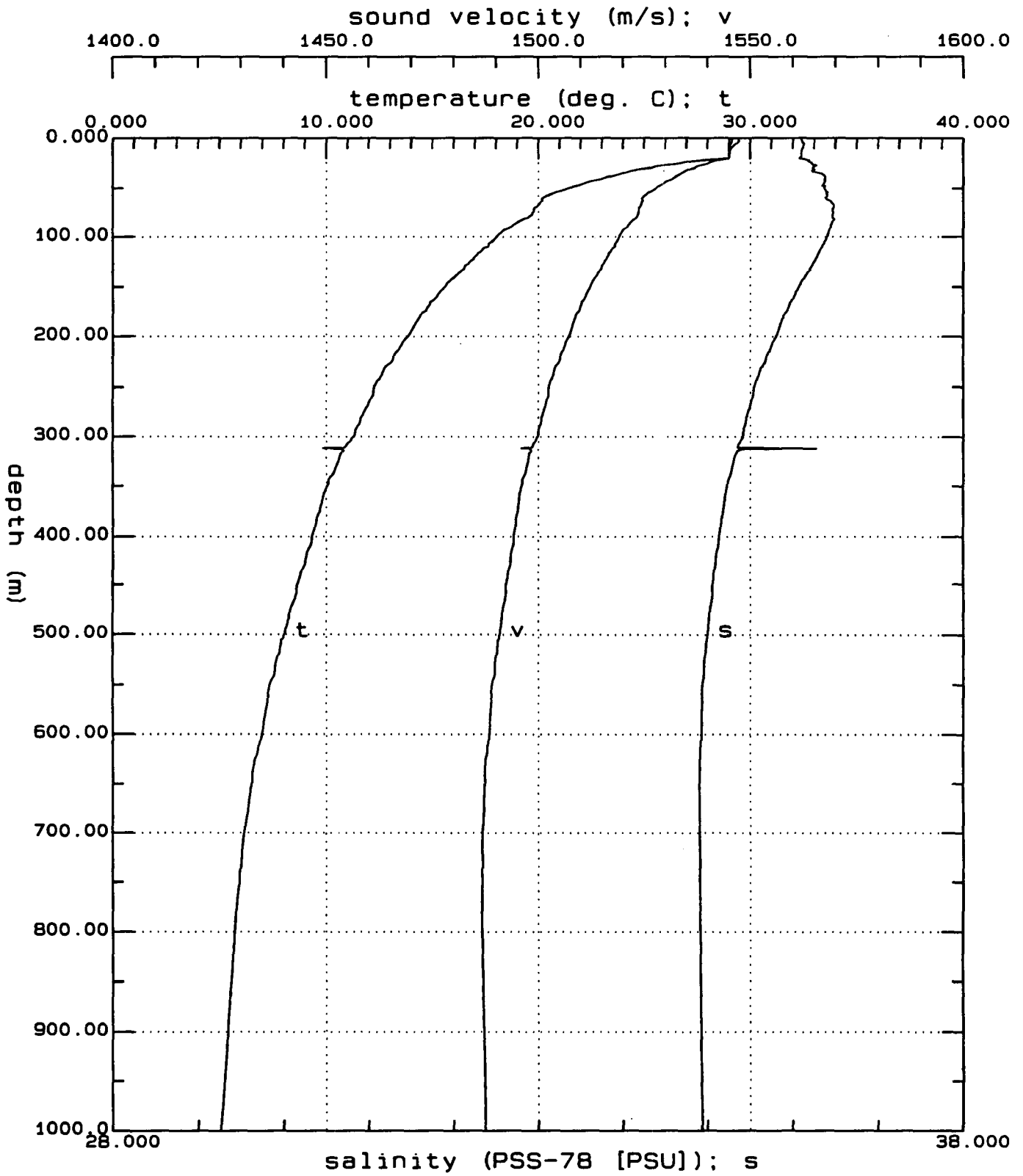
05-053.CNV: Gulfcet Cruise 02



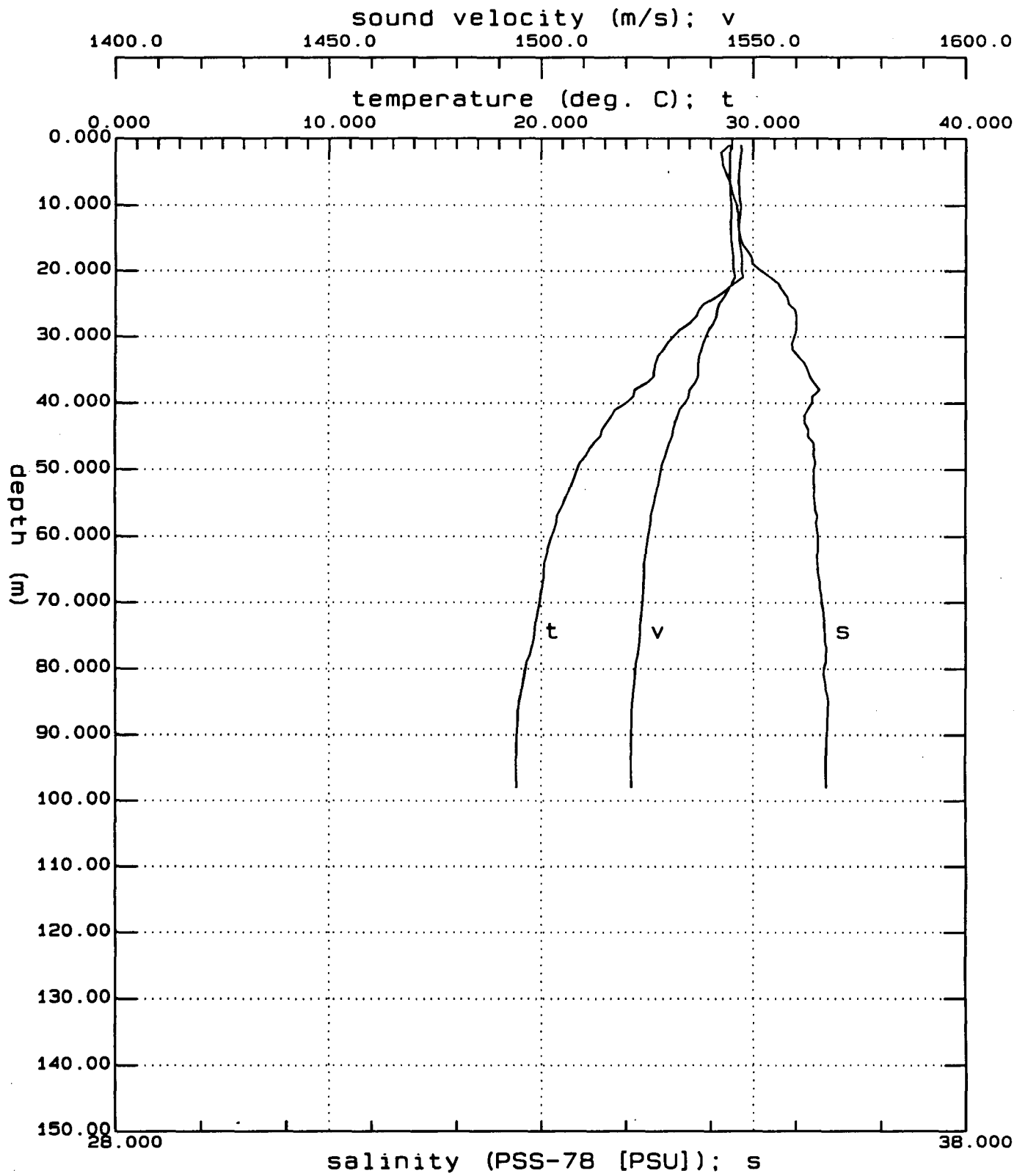
06-54.CNV: Gulfcet Cruise 02



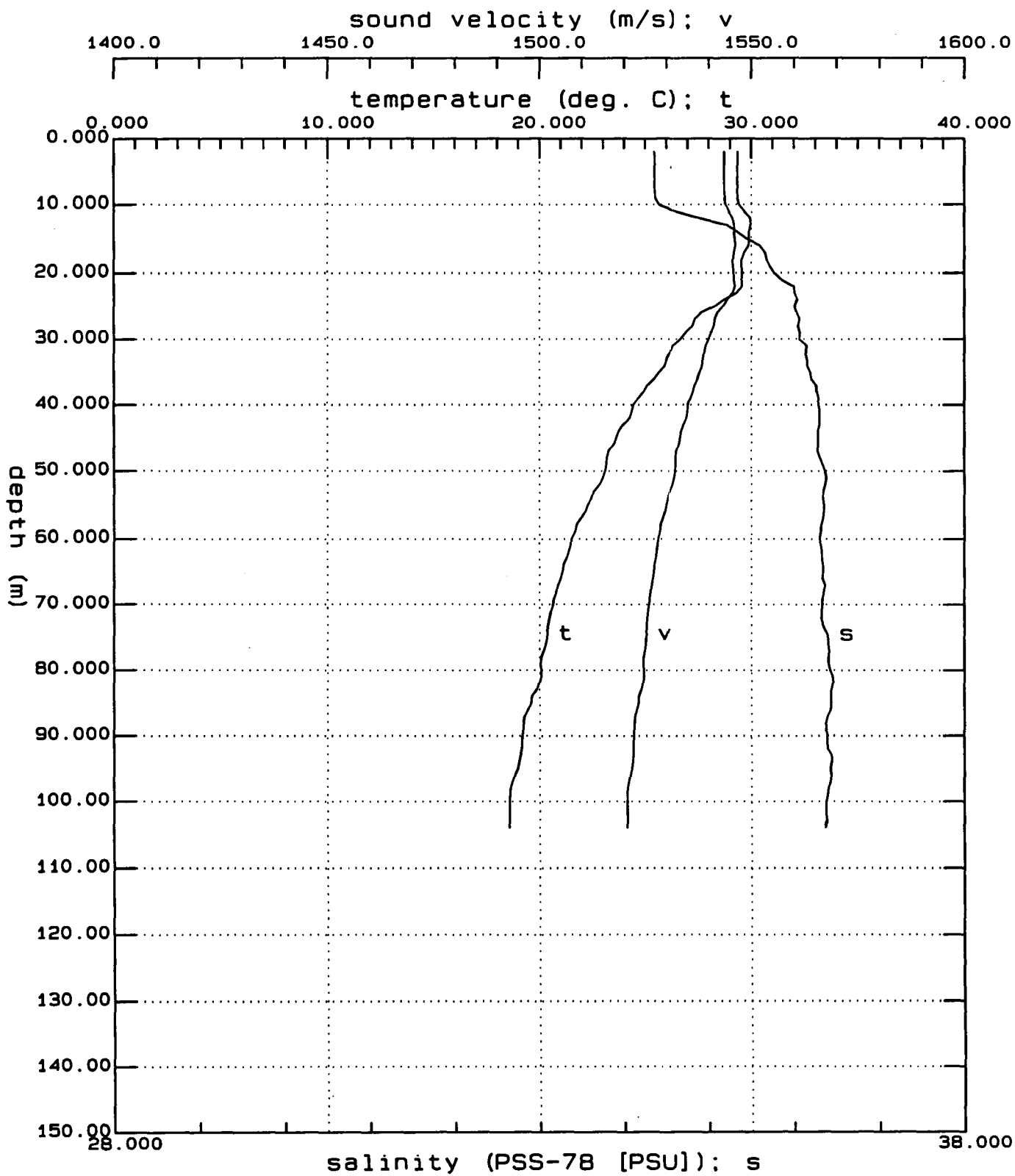
06-055.CNV: Gulfcet Cruise 02



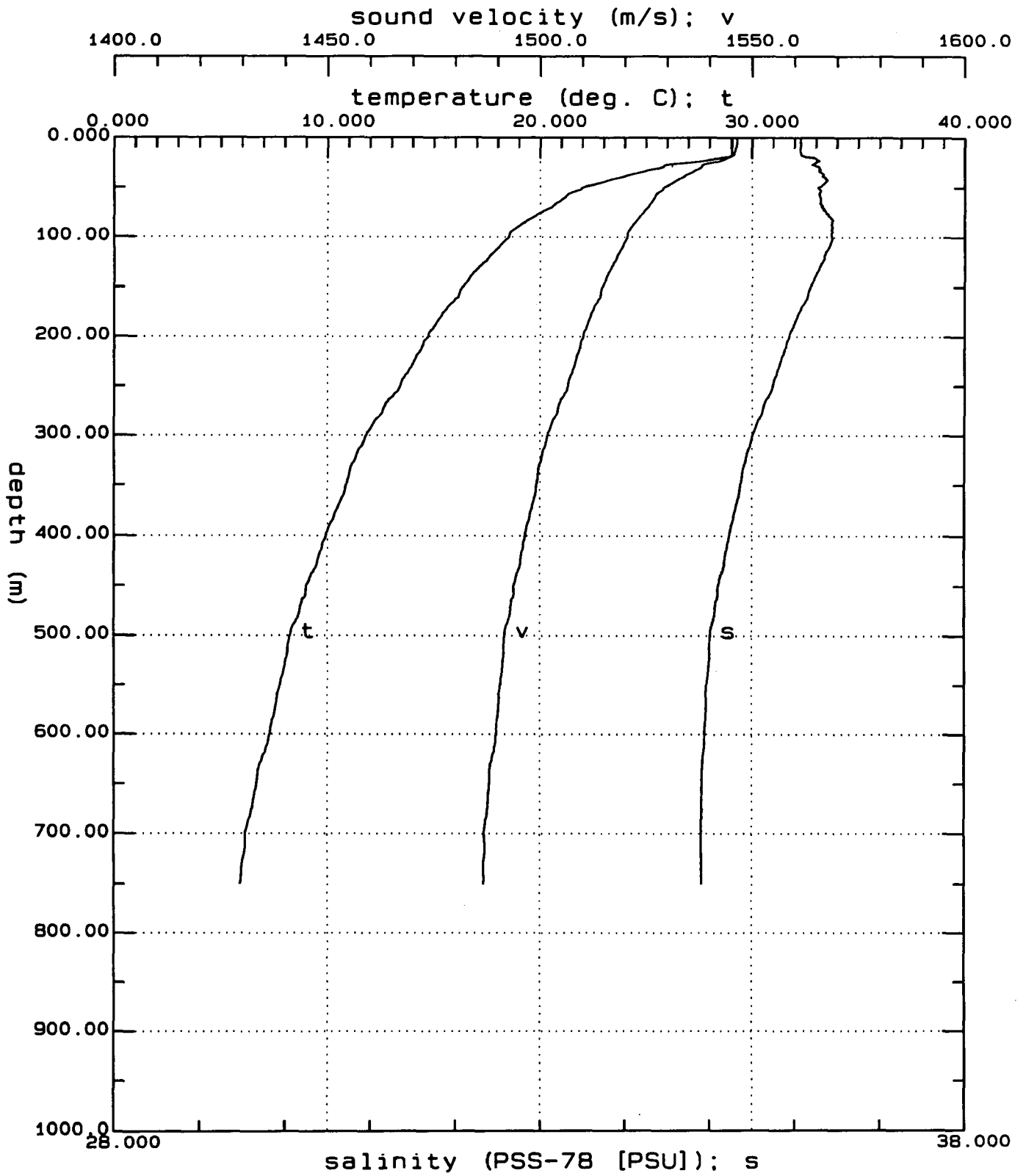
06-059.CNV: Gulfcet Cruise 02



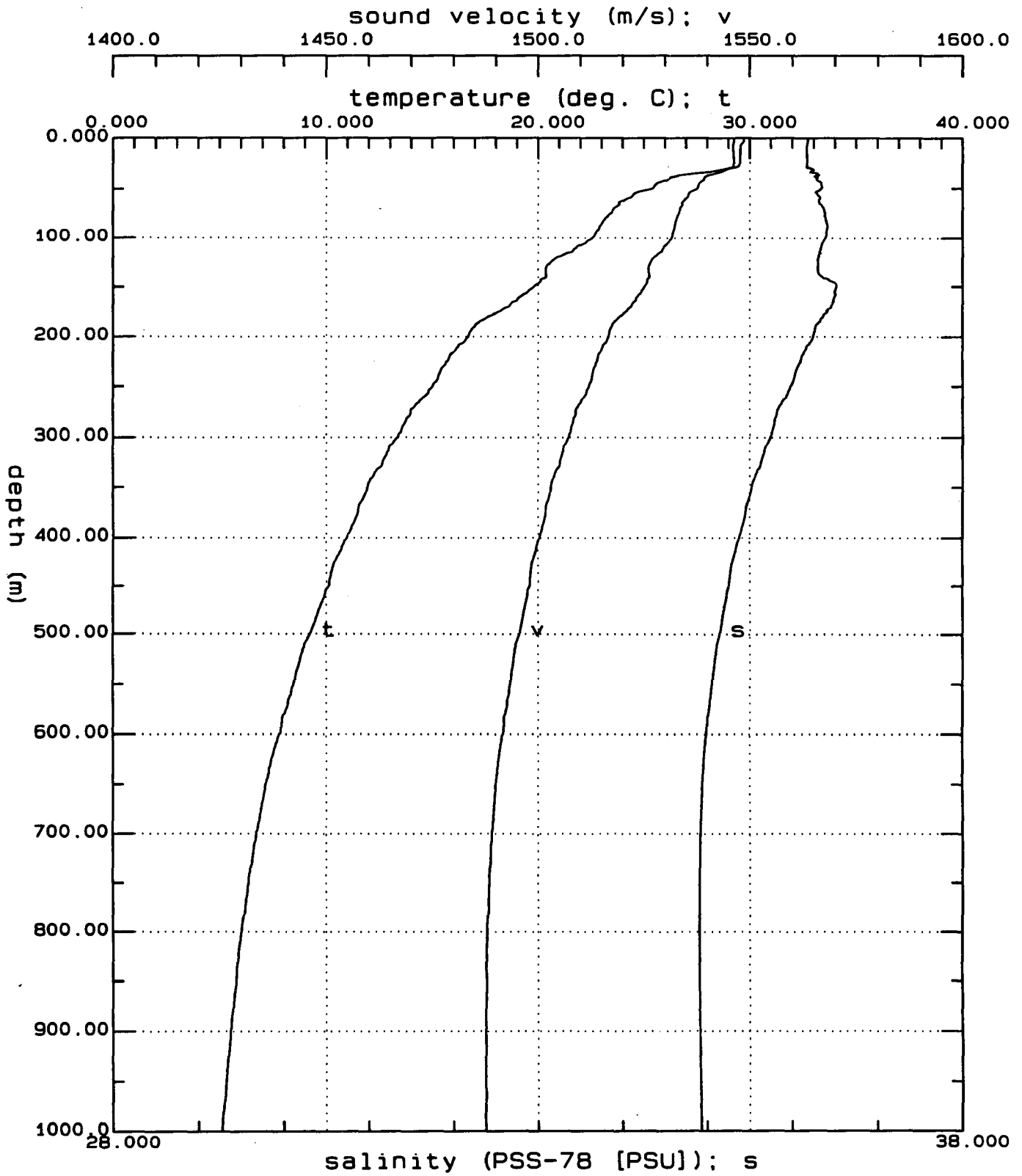
06-64.CNV: Gulfcet Cruise 02



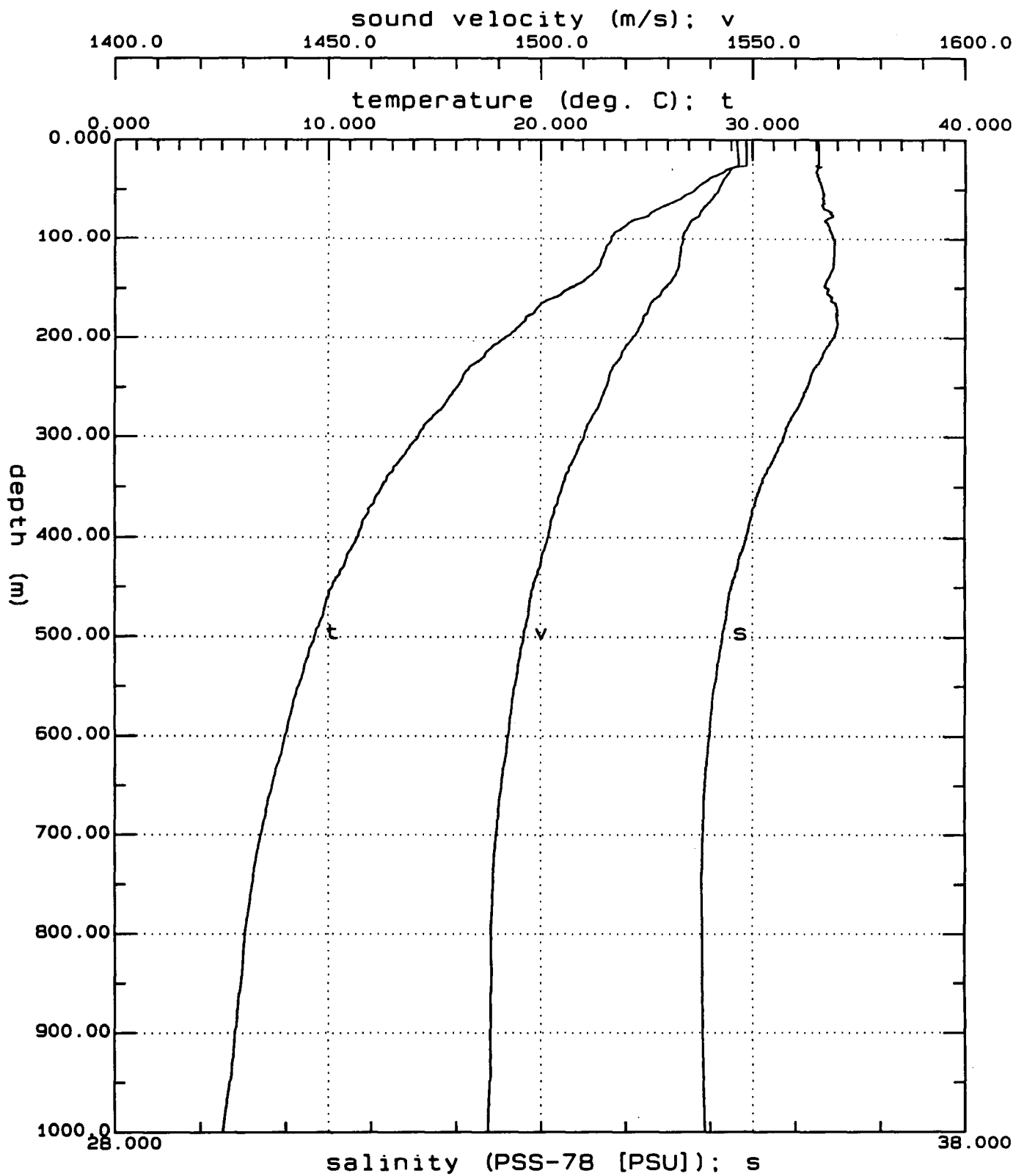
07-65.CNV: Gulfcet Cruise 02



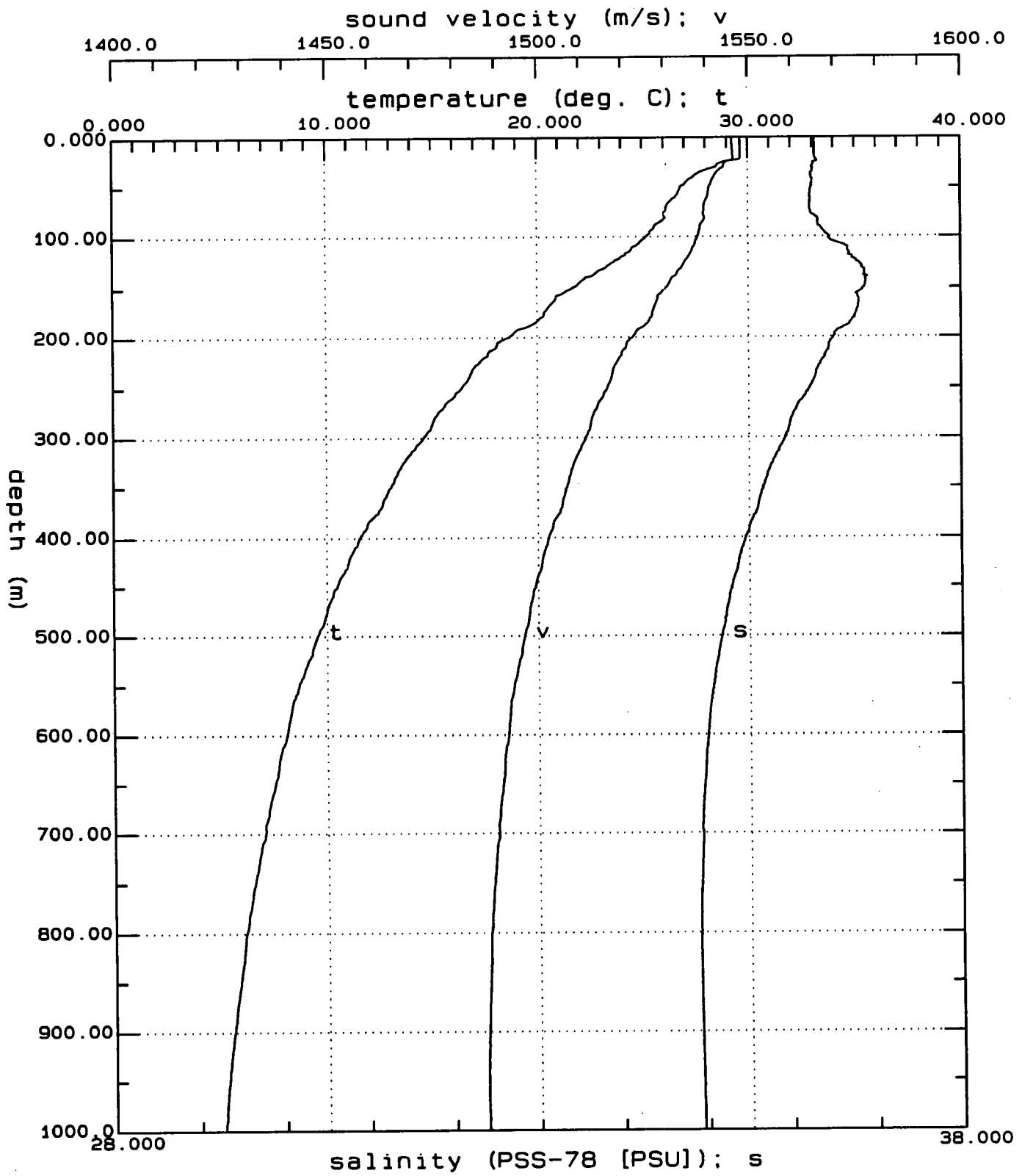
07-071.CNV: Gulfcet Cruise 02



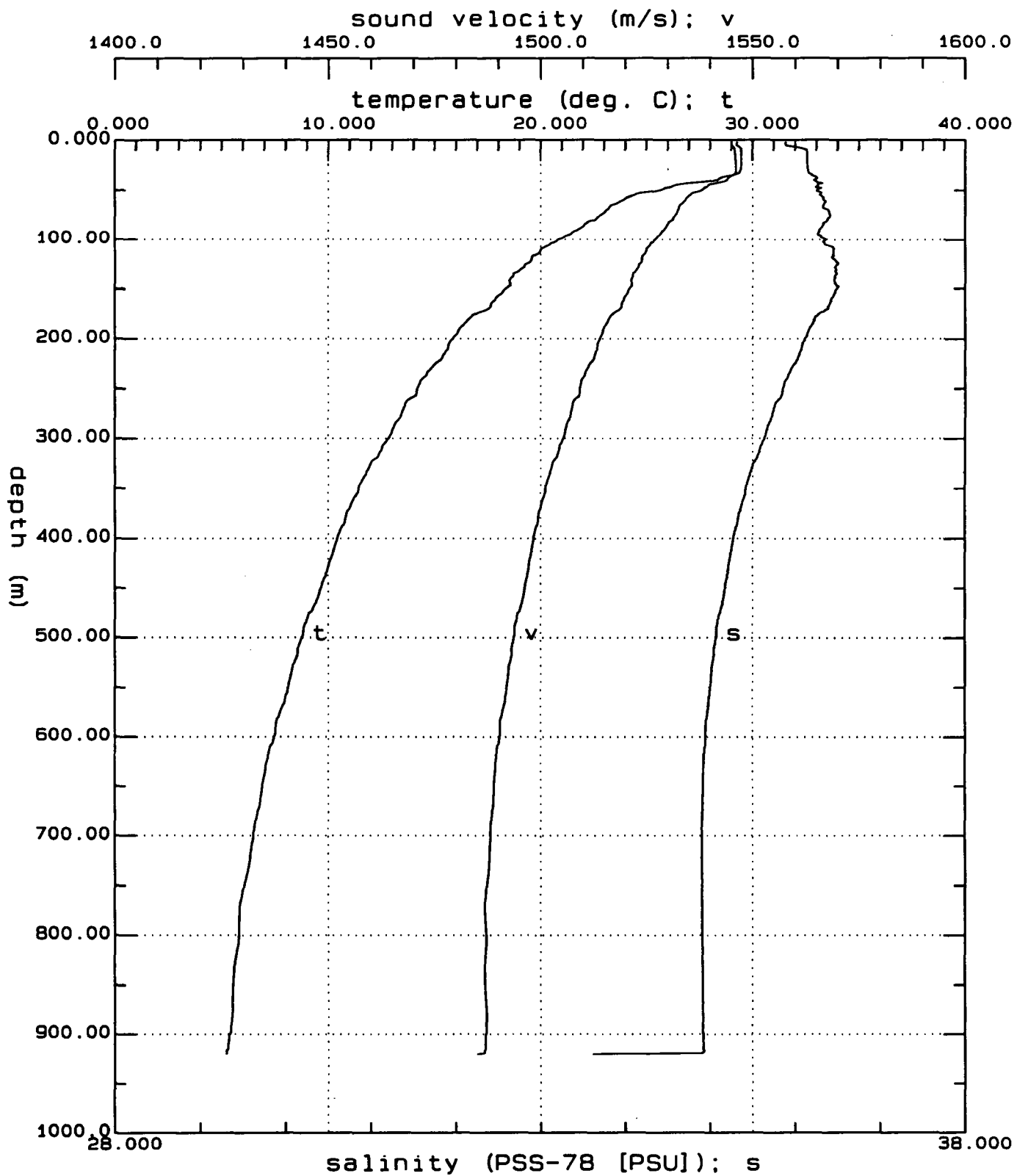
07-073.CNV: Gulfcet Cruise 02



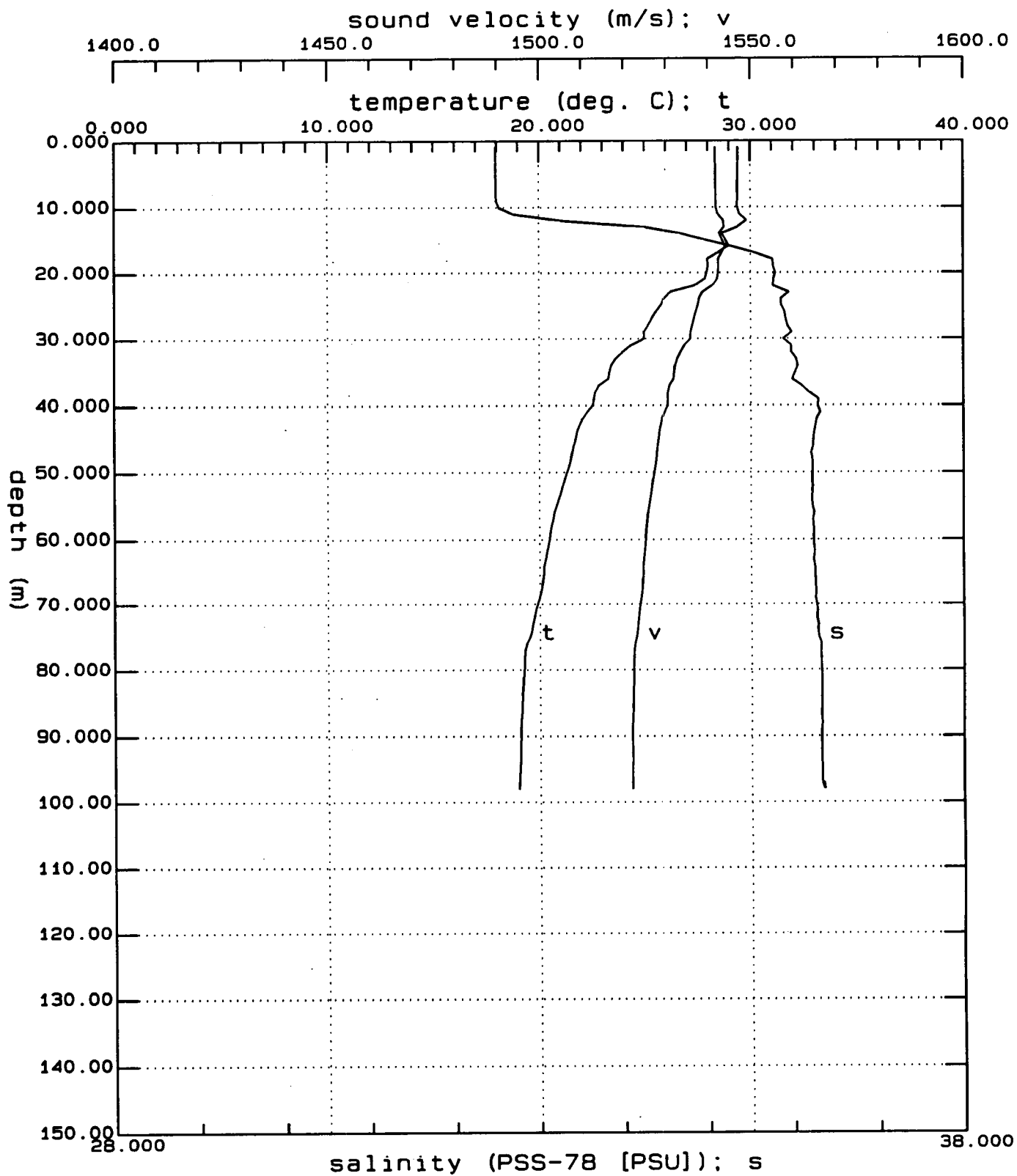
07-75.CNV: Gulfcet Cruise 02



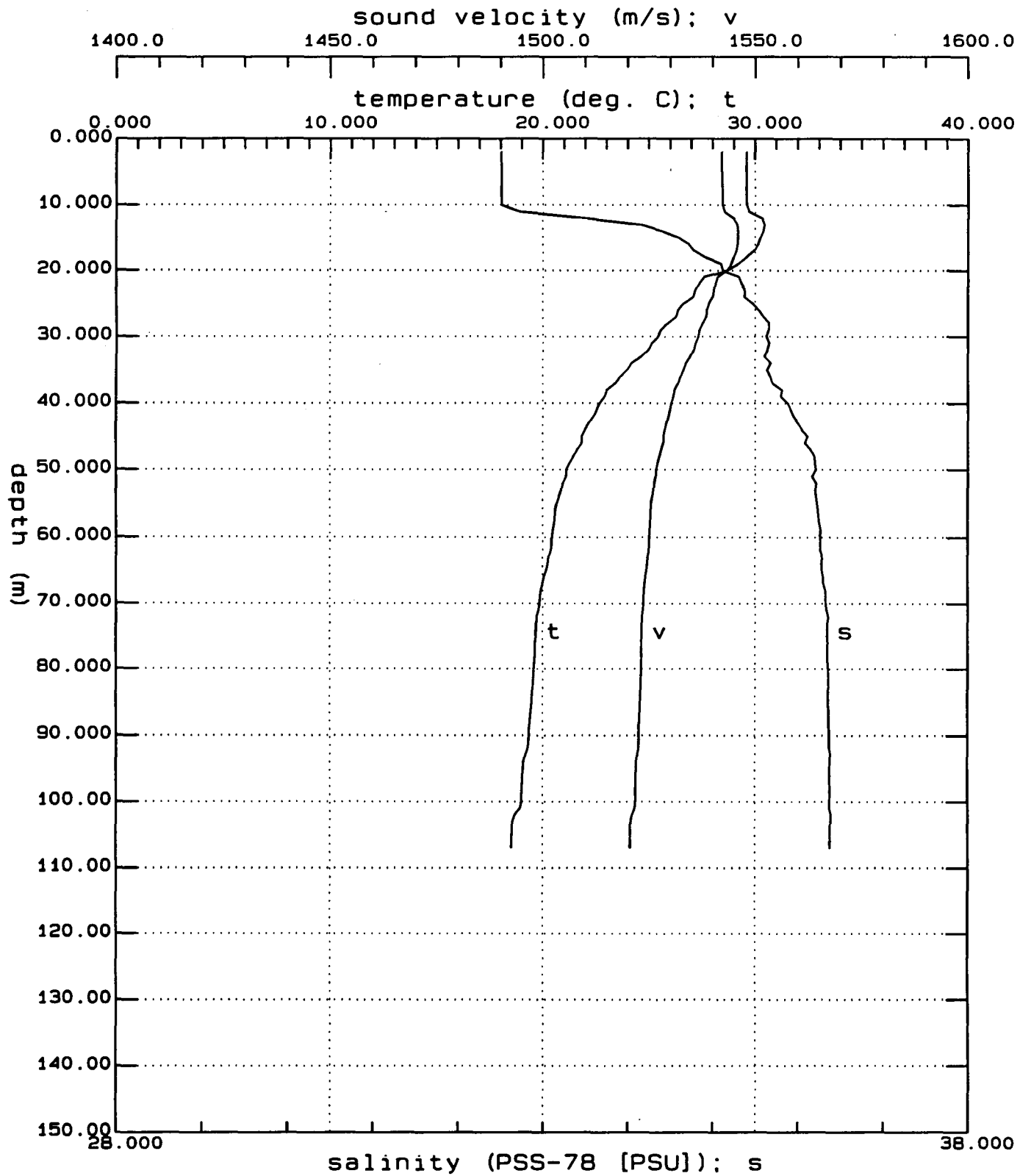
08-76.CNV: Gulfcet Cruise 02



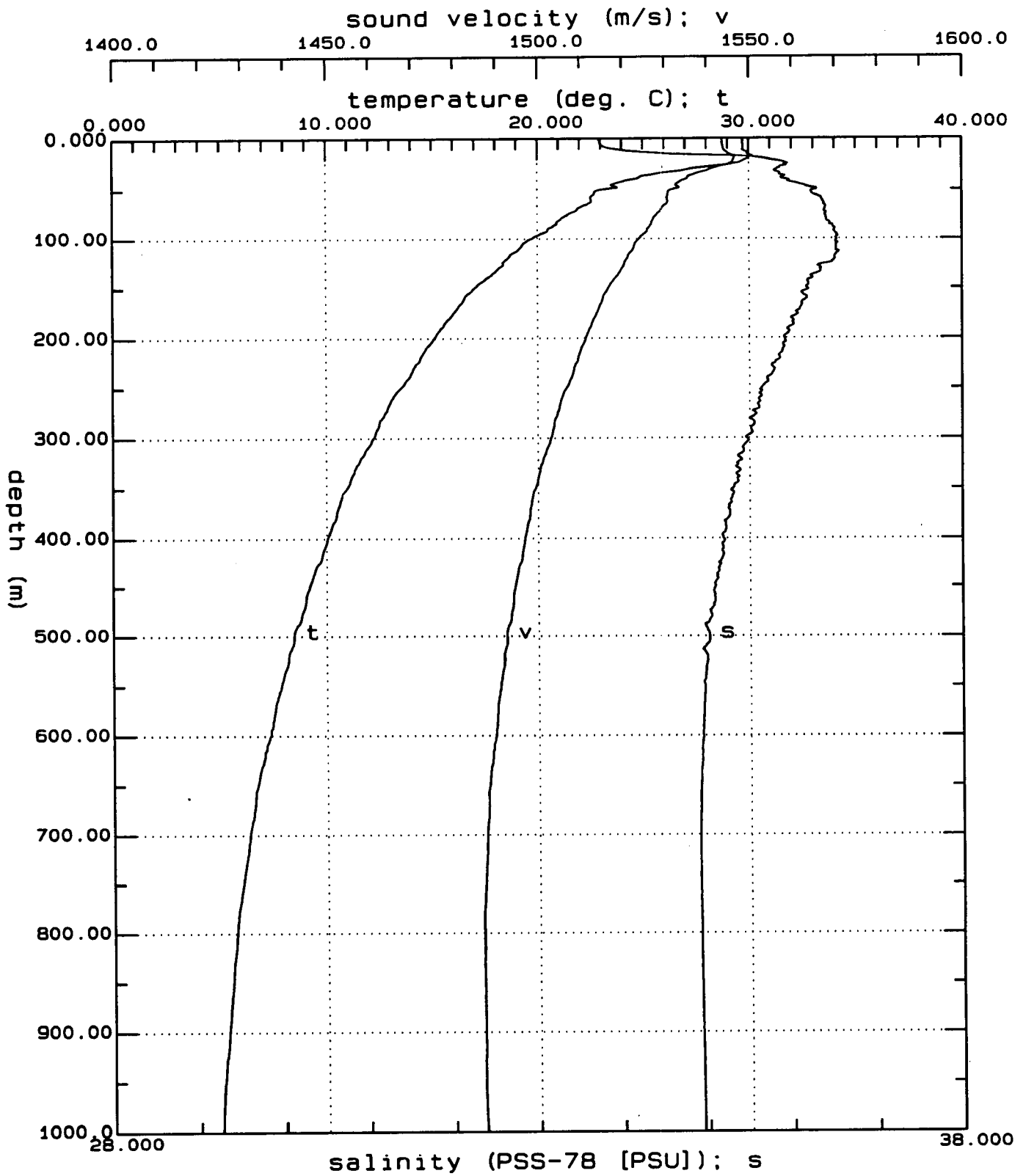
08-080.CNV: Gulfcet Cruise 02



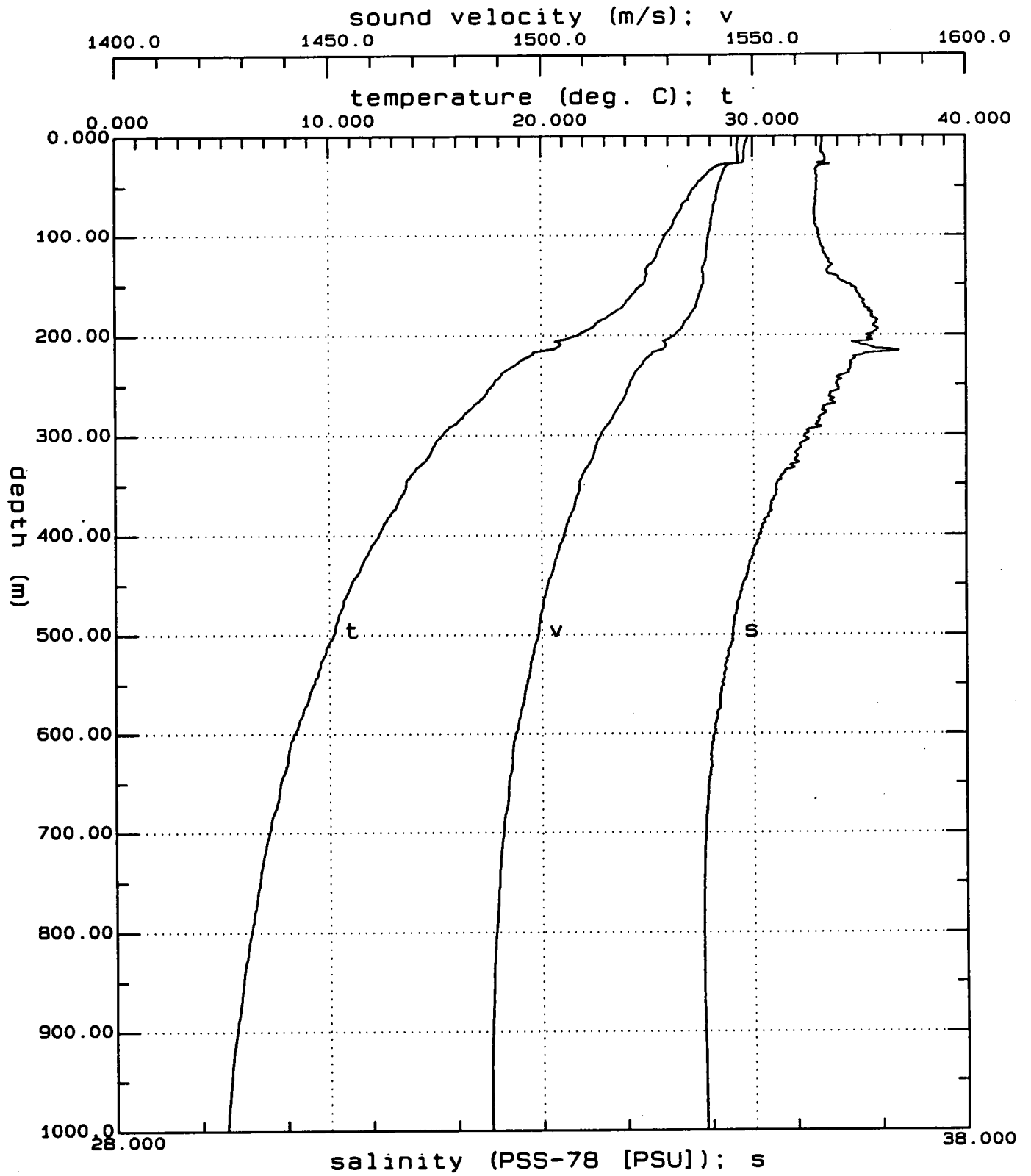
08-086.CNV: Gulfcet Cruise 02



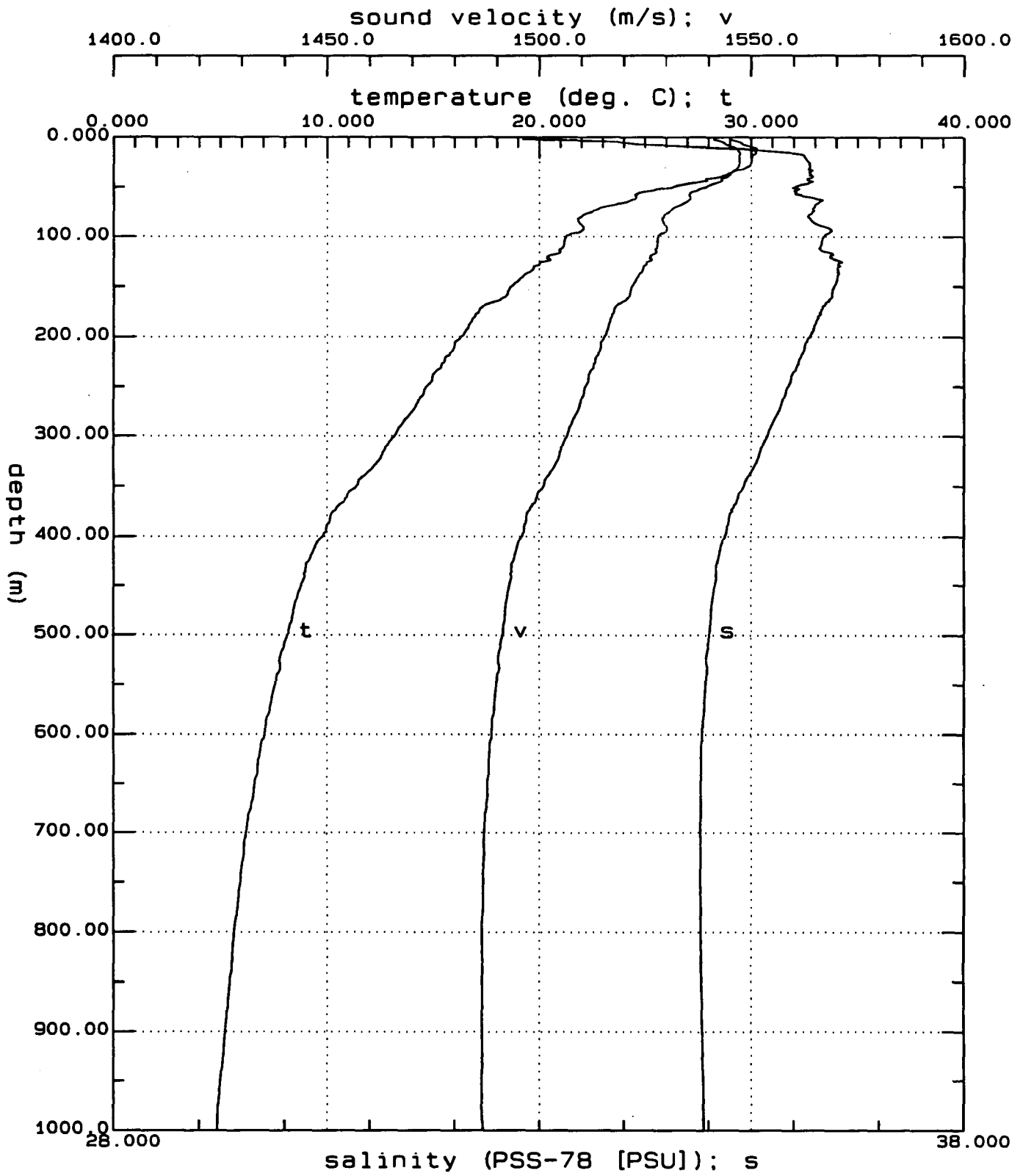
09-87.CNV: Gulfcet Cruise 02



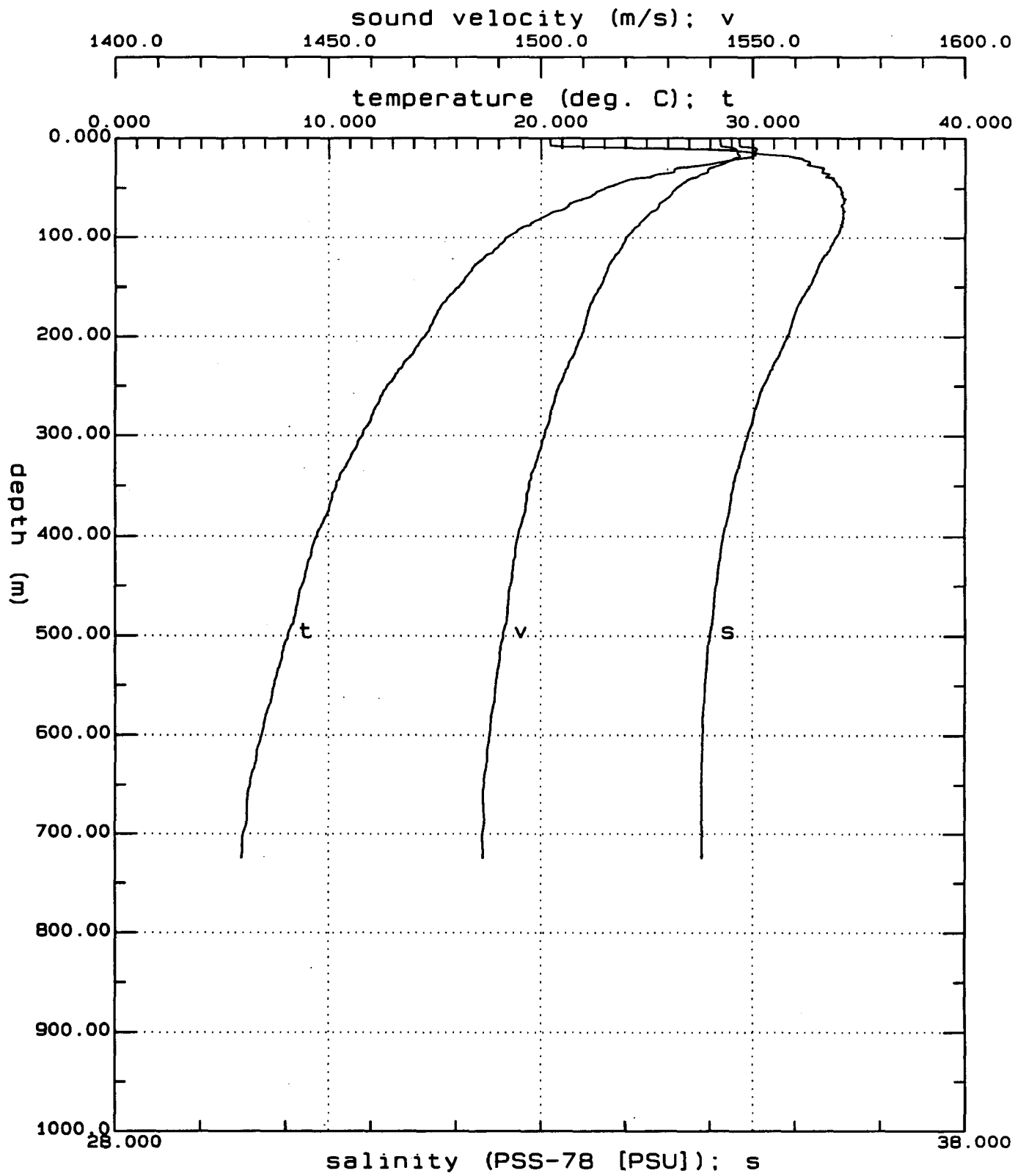
09-093.CNV: Gulfcet Cruise 02



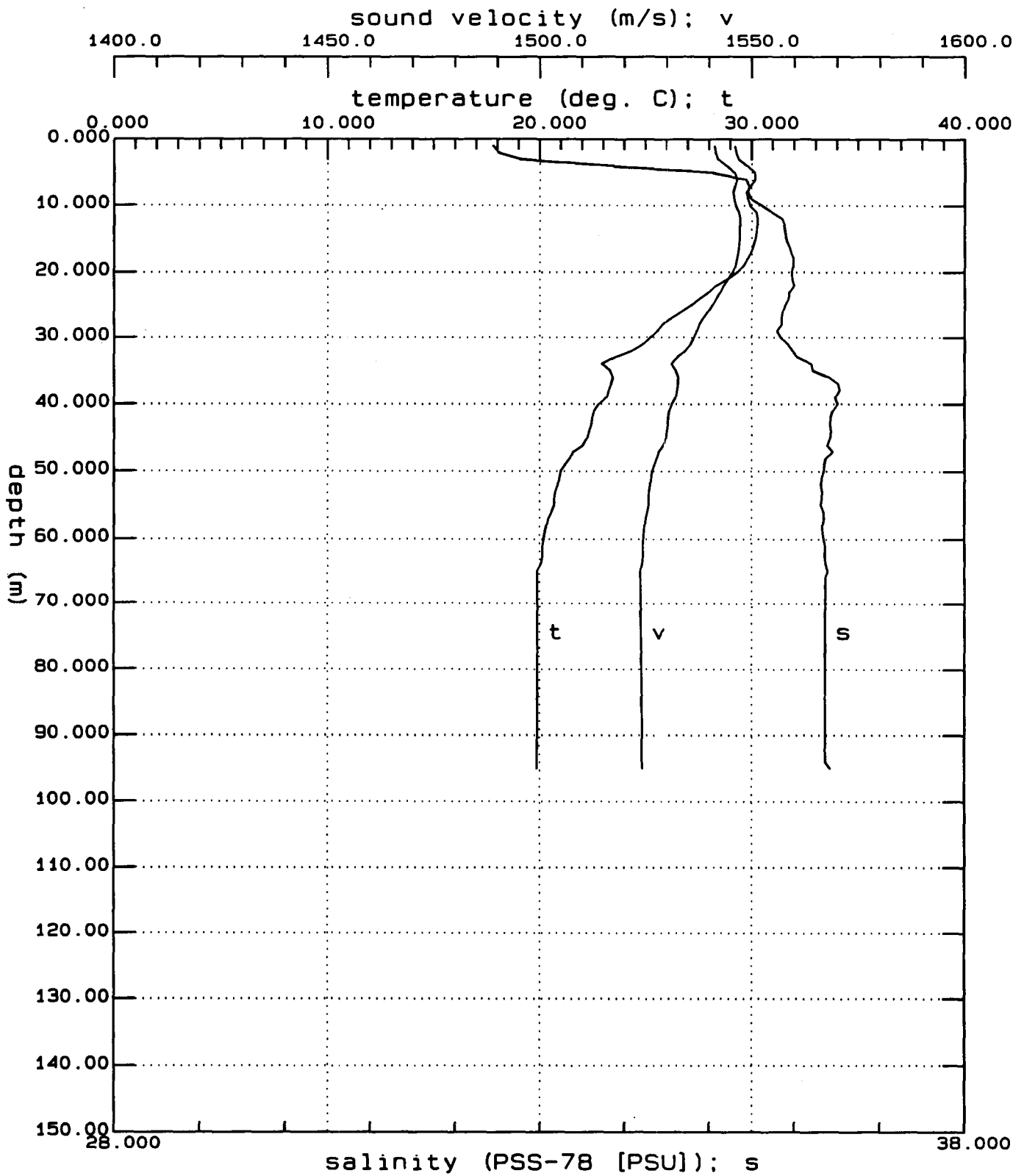
09-096.CNV: Gulfcet Cruise 02



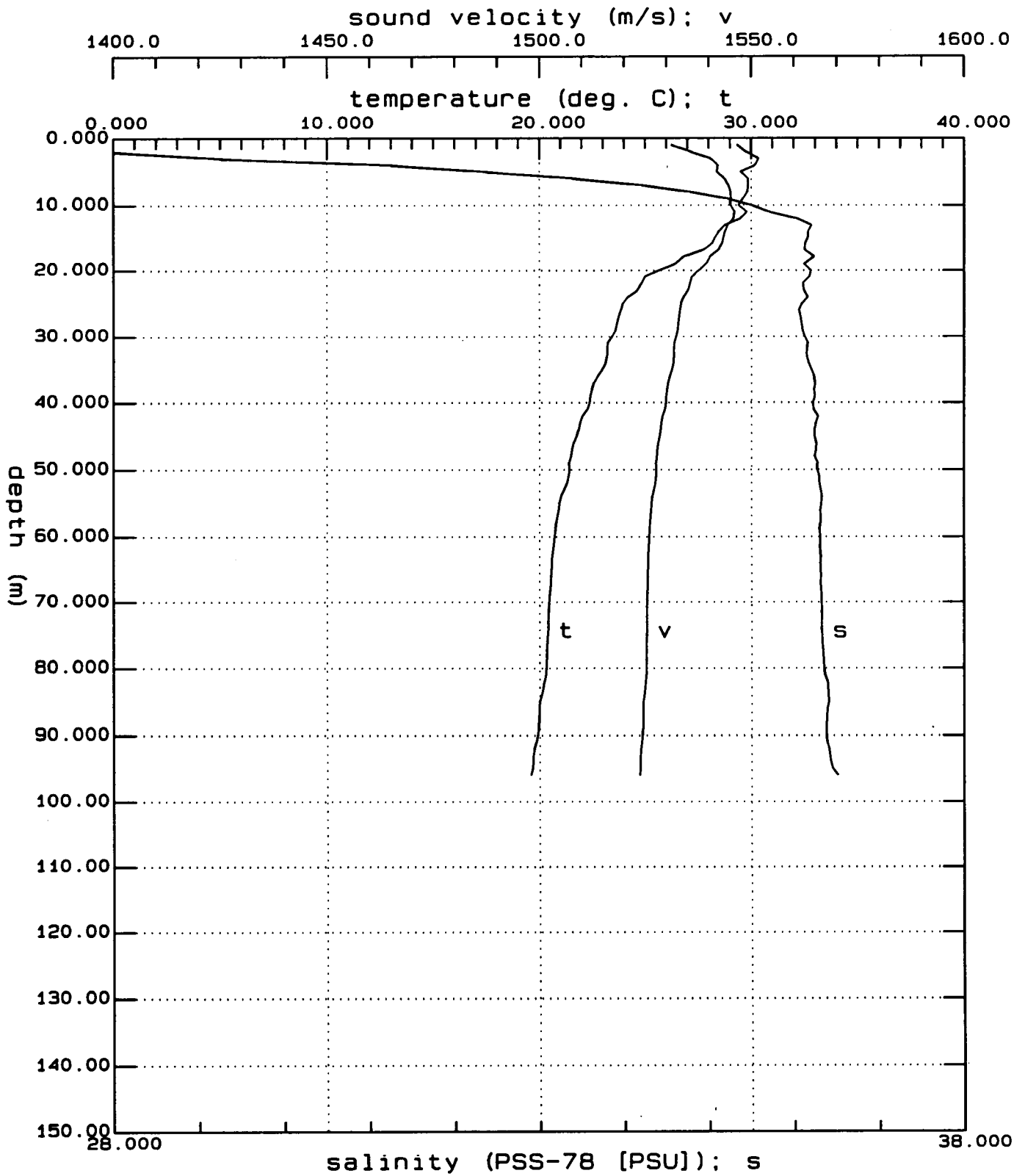
10-97.CNV: Gulfcet Cruise 02



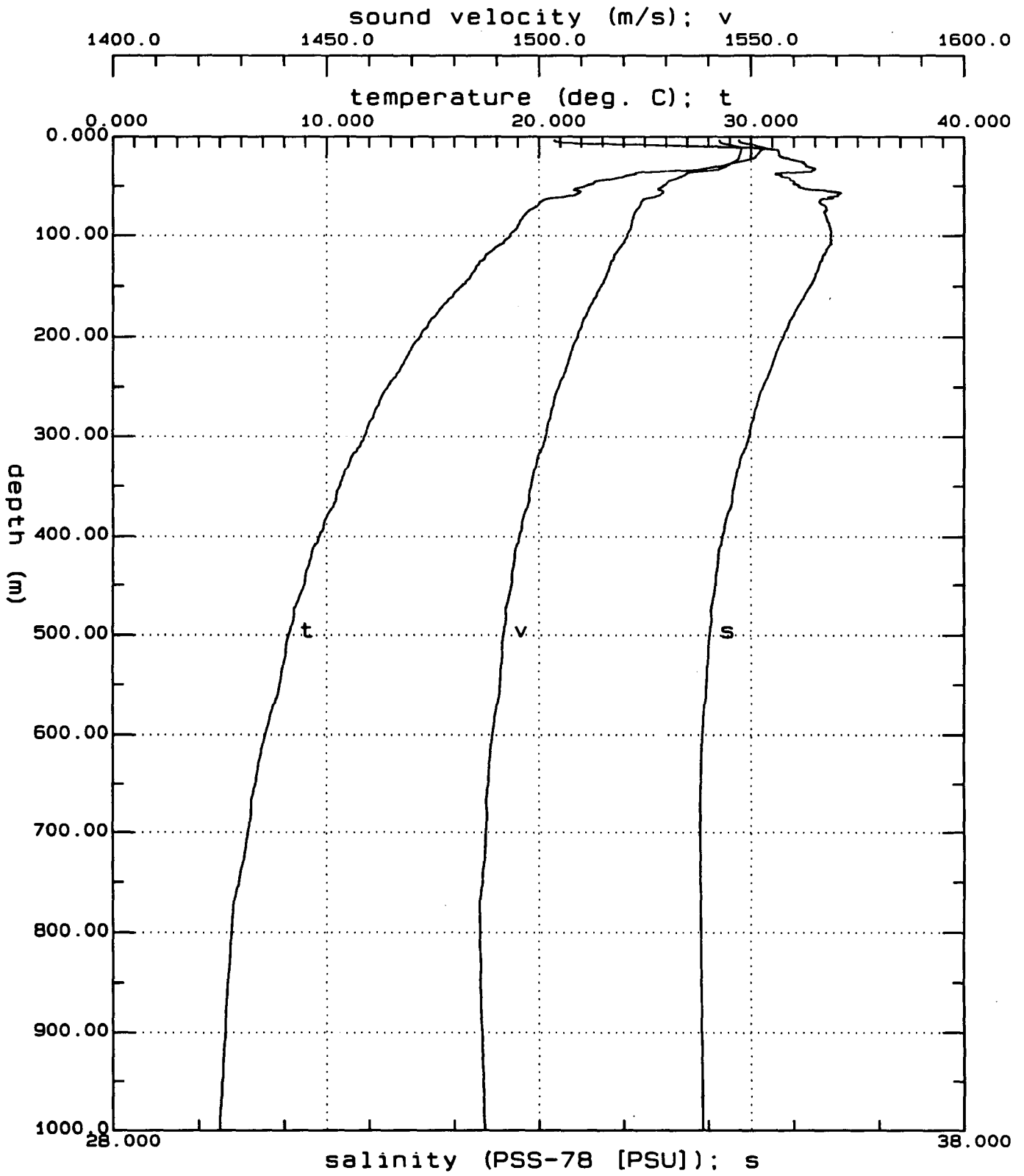
10-100.CNV: Gulfcet Cruise 02



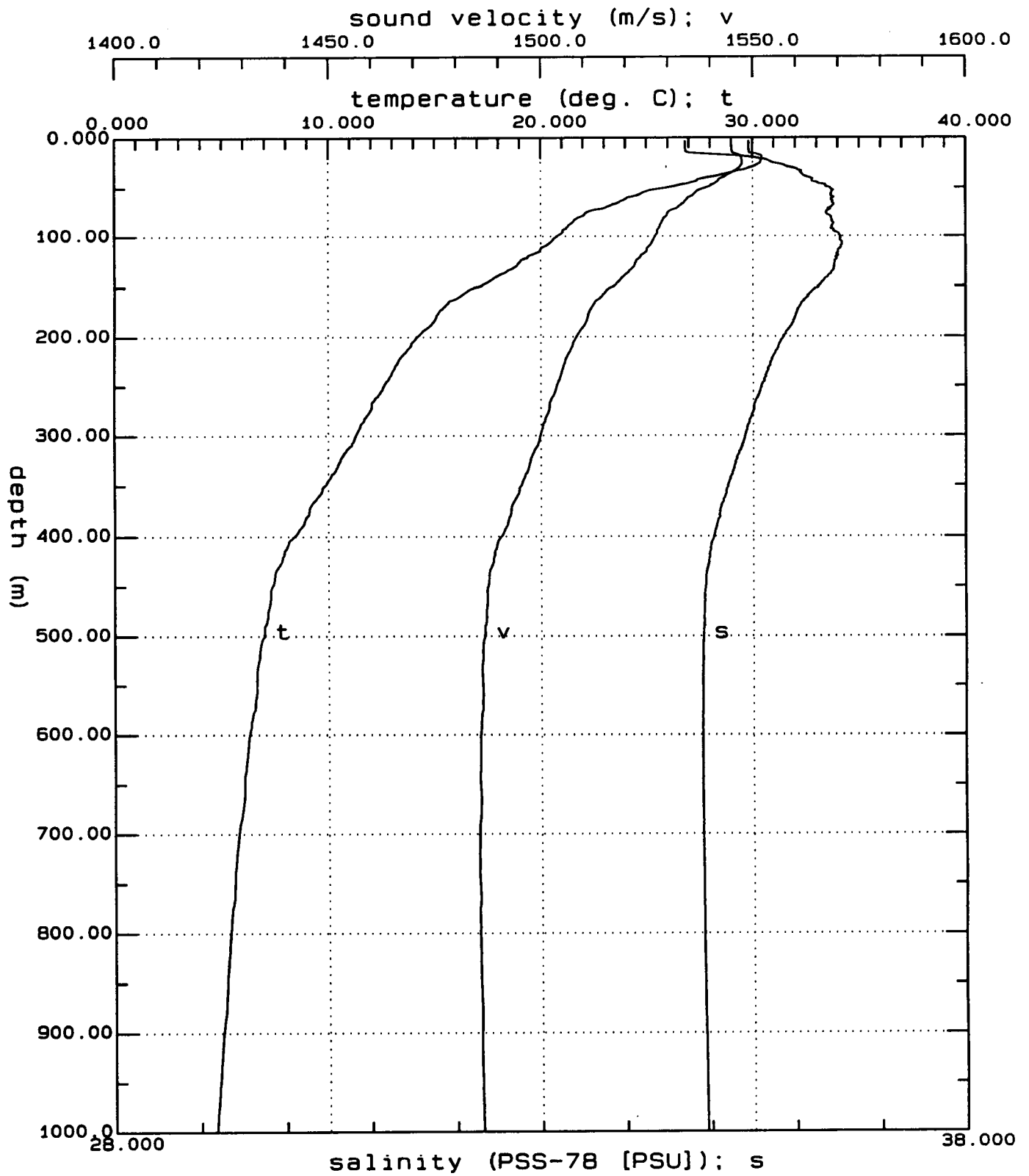
10-105.CNV: Gulfcet Cruise 02



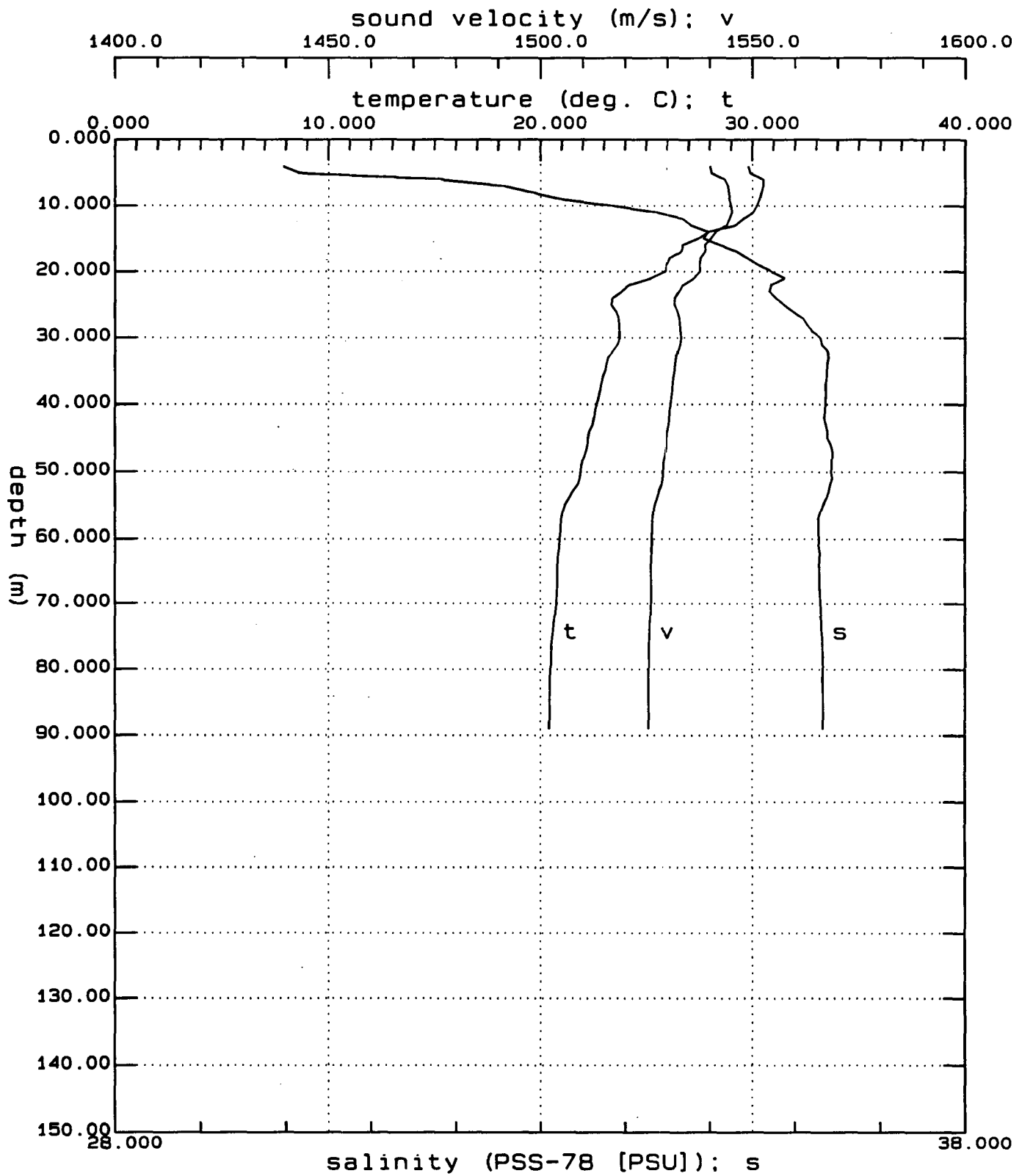
11-106.CNV: Gulfcet Cruise 02



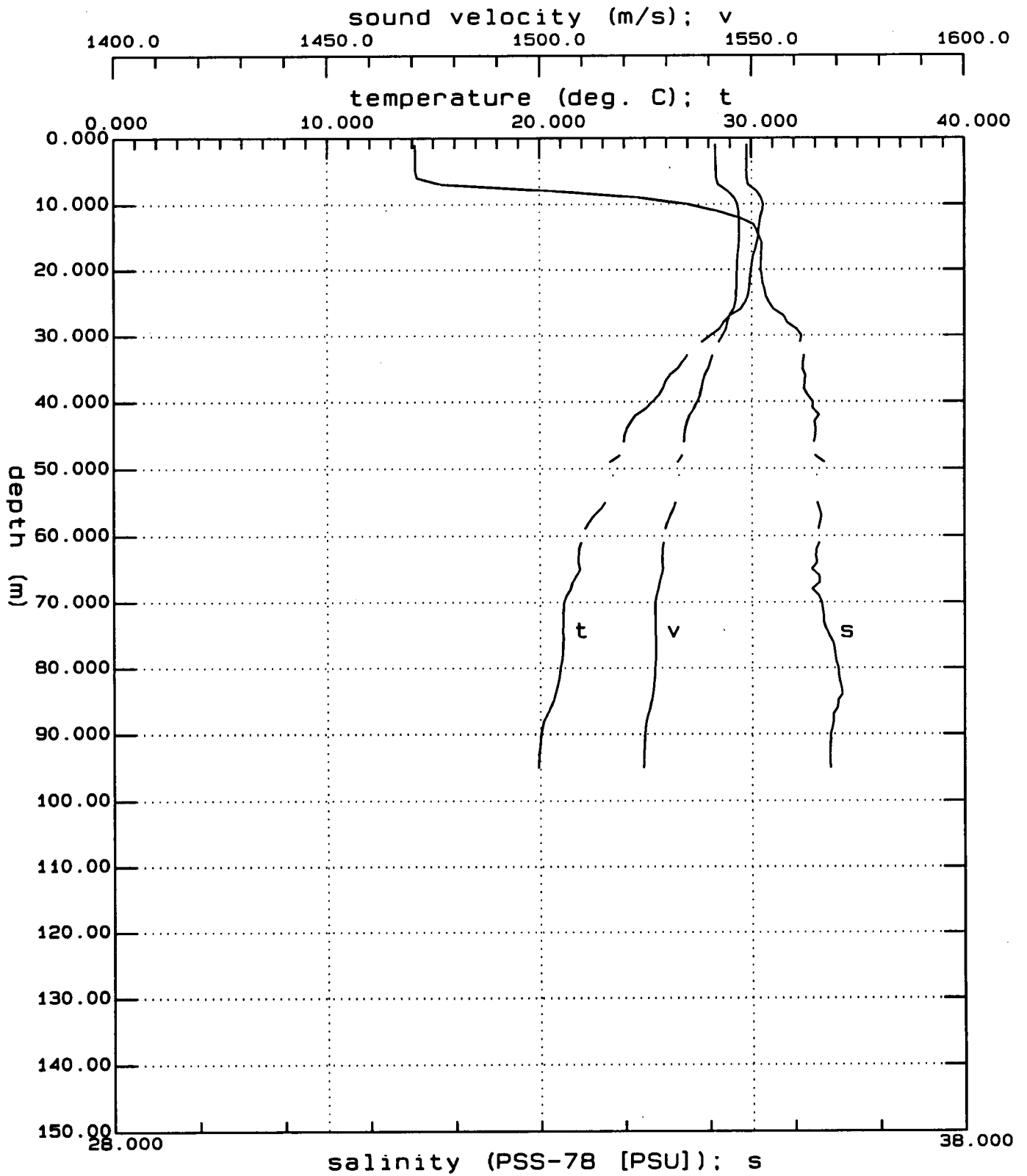
11-112.CNV: Gulfcet Cruise 02



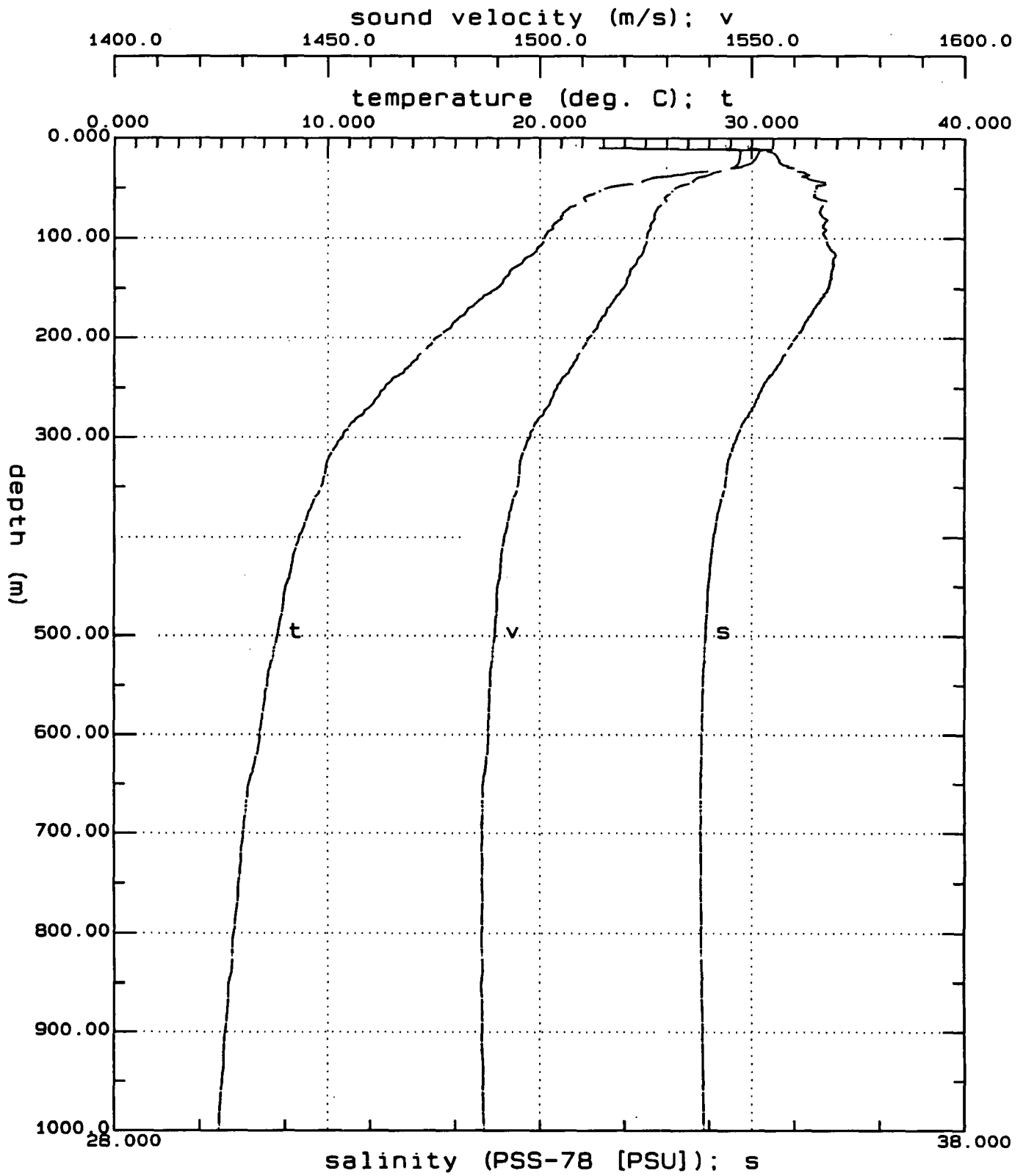
11-115.CNV: Gulfcet Cruise 02



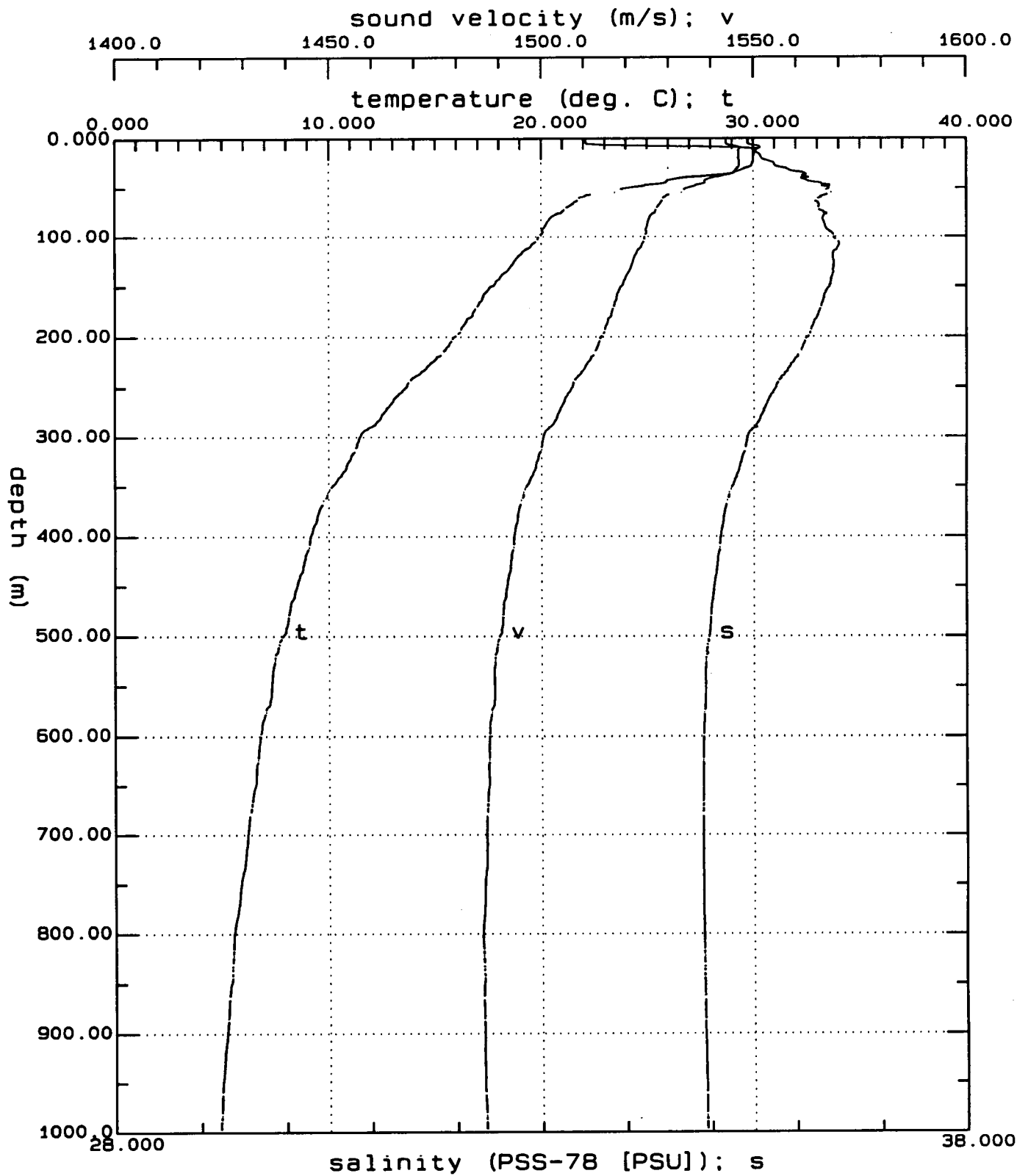
12-125.CNV: Gulfcet Cruise 02



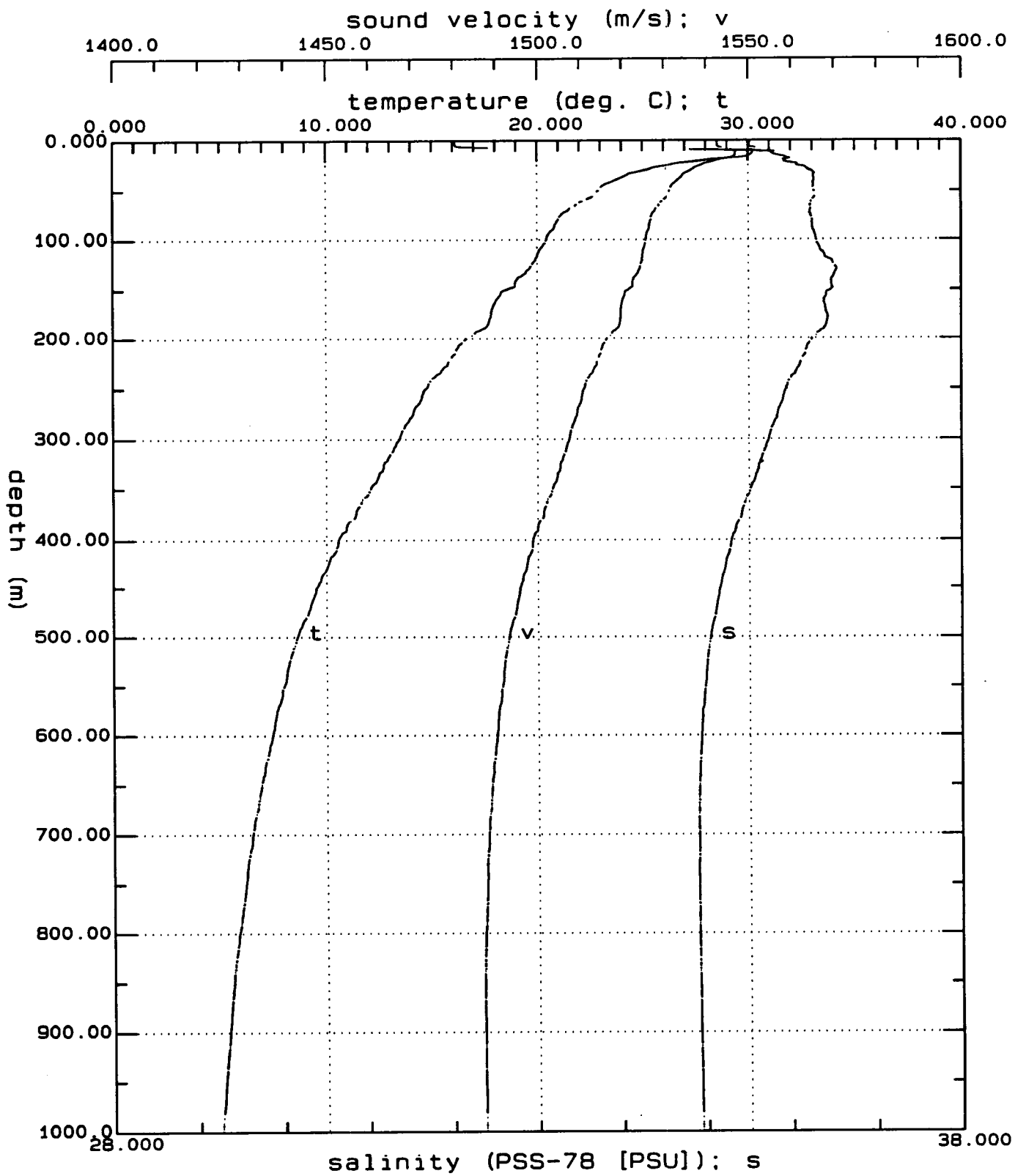
13-126.CNV: Gulfcet Cruise 02



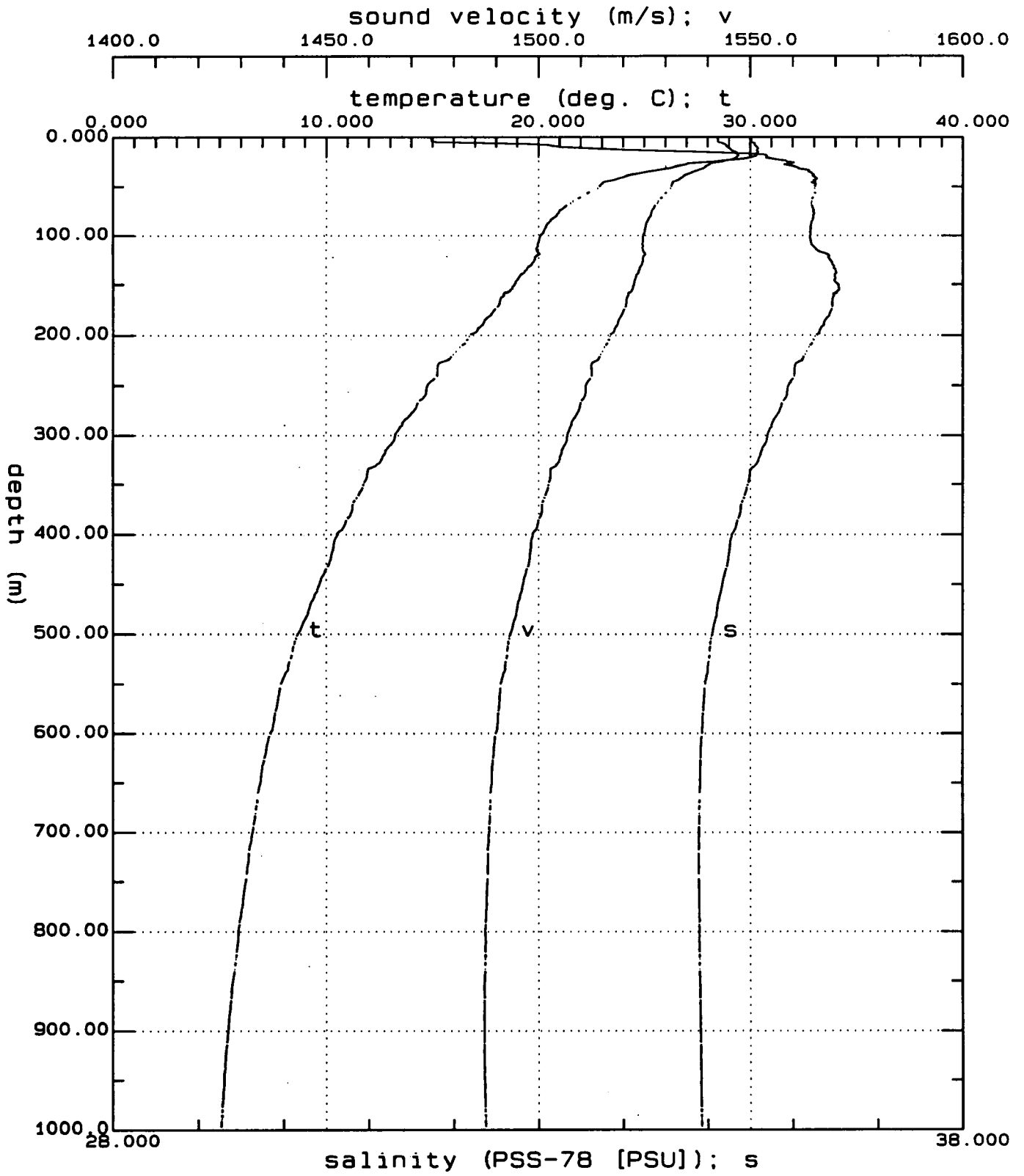
13-133.CNV: Gulfcet Cruise 02



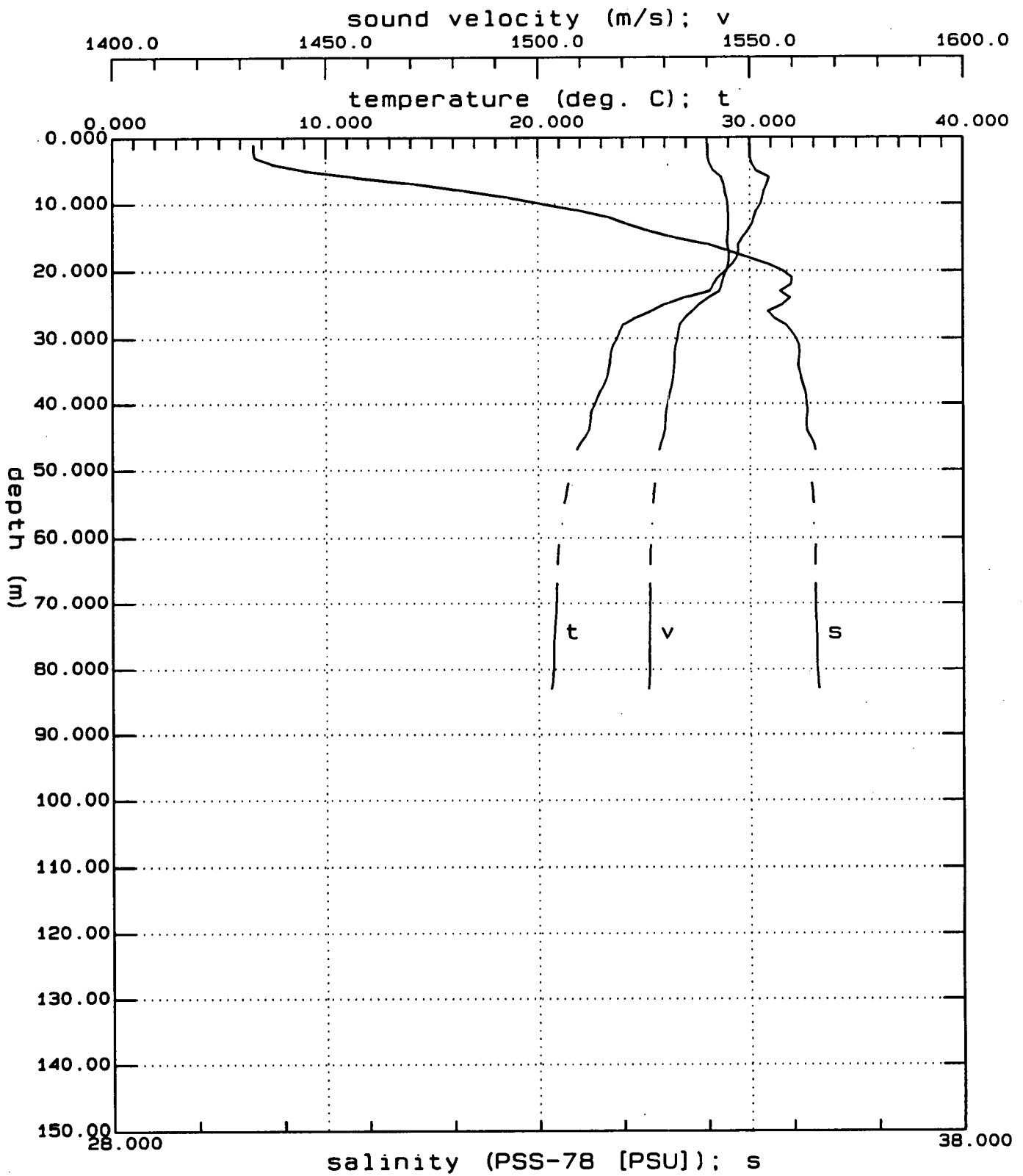
13-134.CNV: Gulfcet Cruise 02



14-135.CNV: Gulfcet Cruise 02

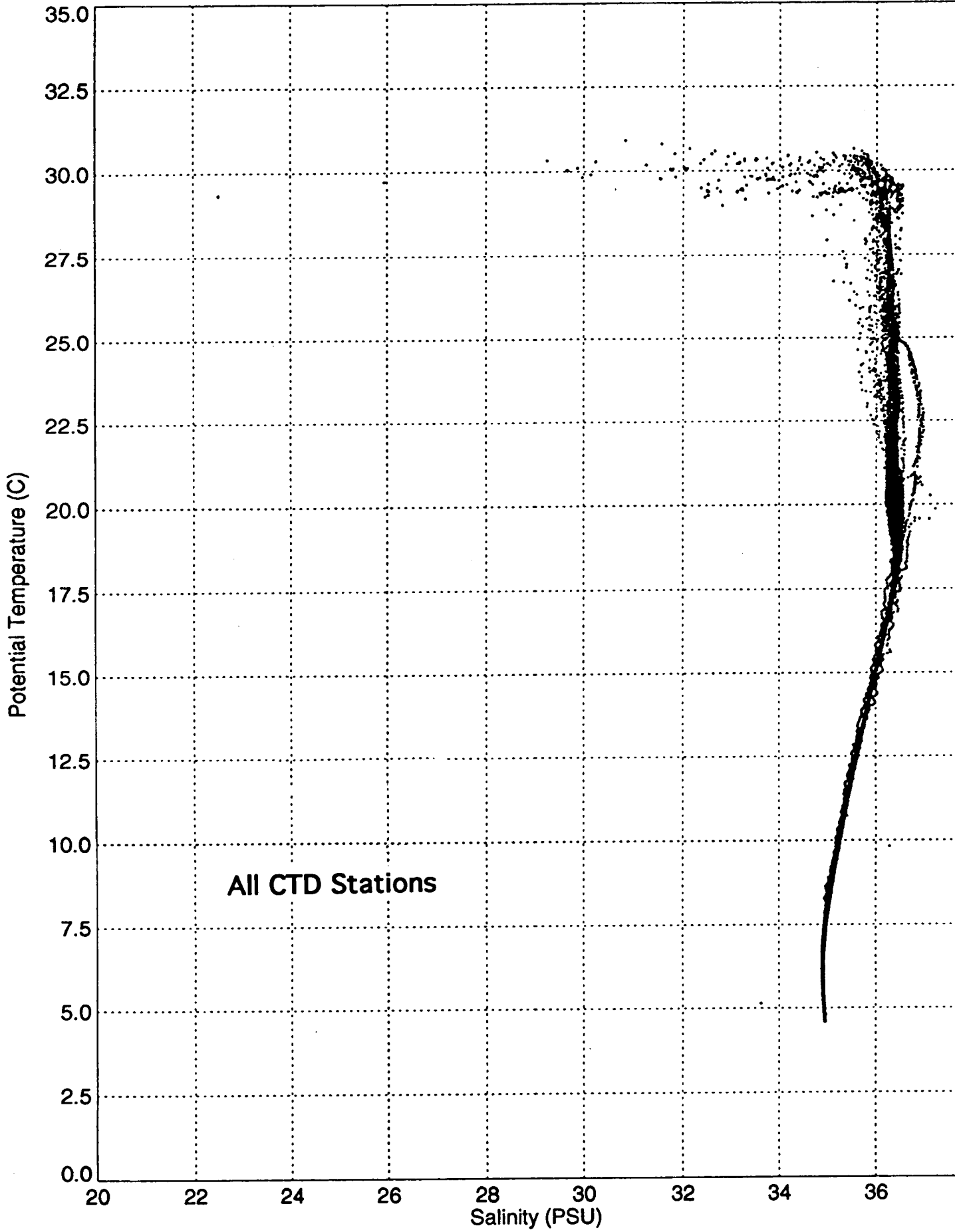


14-136.CNV: Gulfcet Cruise 02



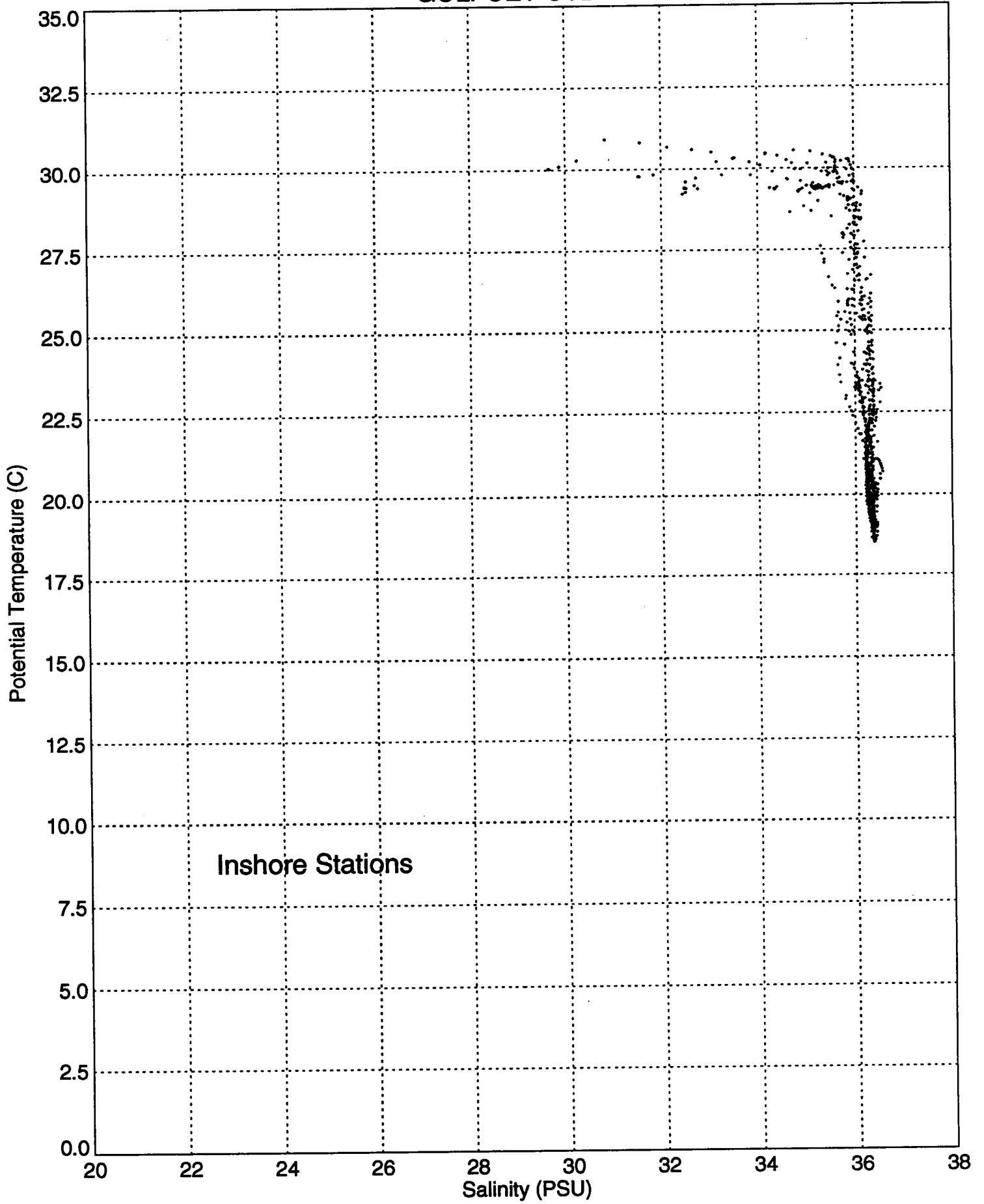
14-143.CNV: Gulfcet Cruise 02

GULFCET CTD

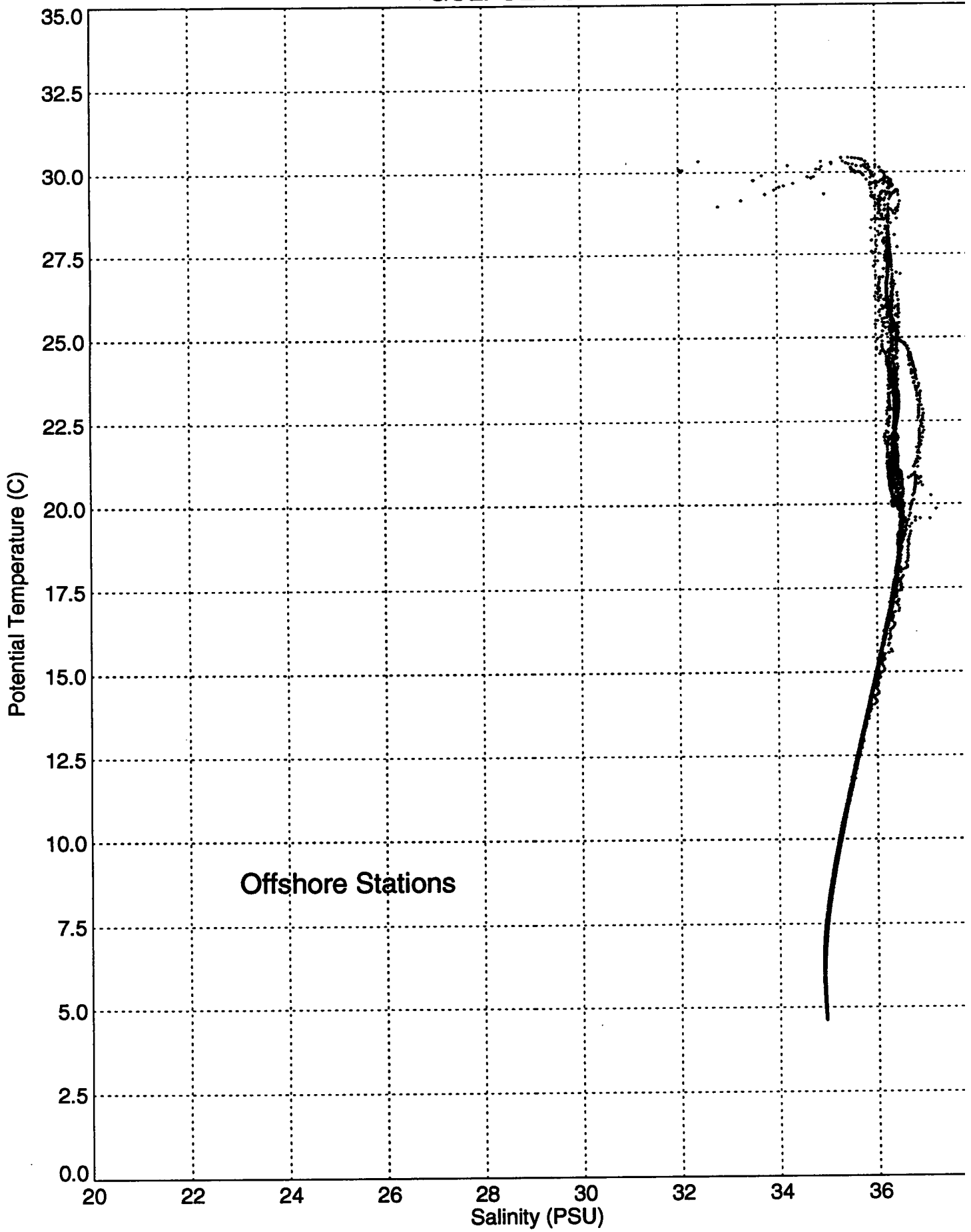


All CTD Stations

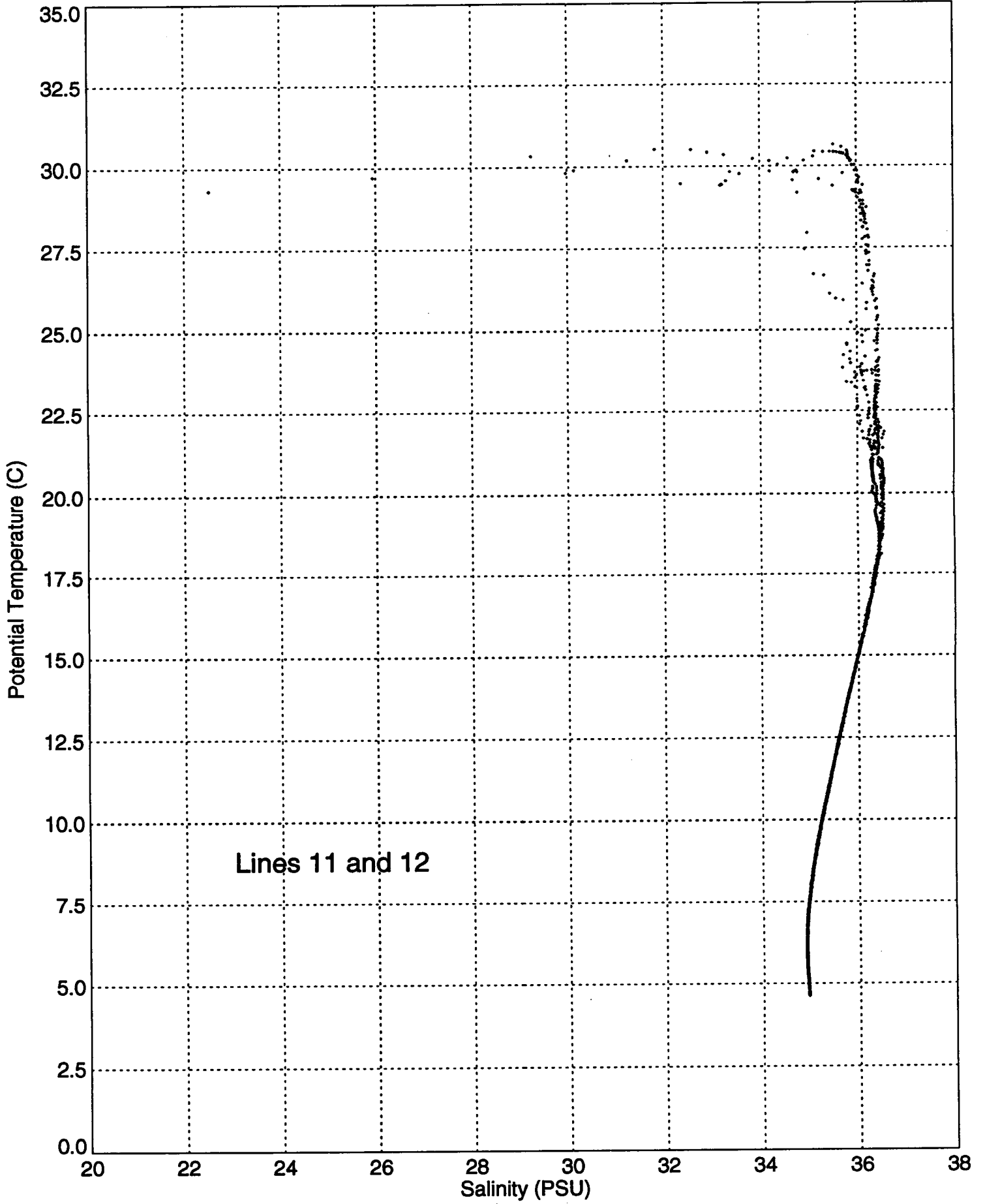
GULFCET CTD



GULFCET CTD



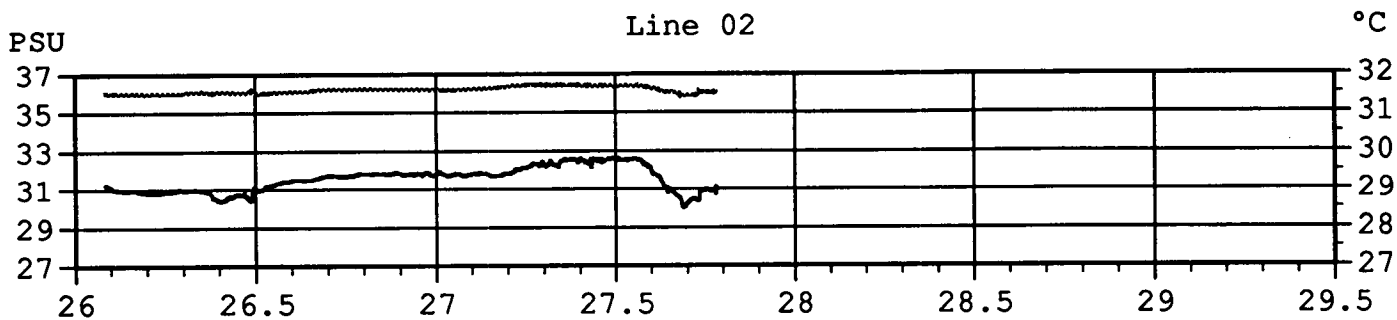
GULFCET CTD



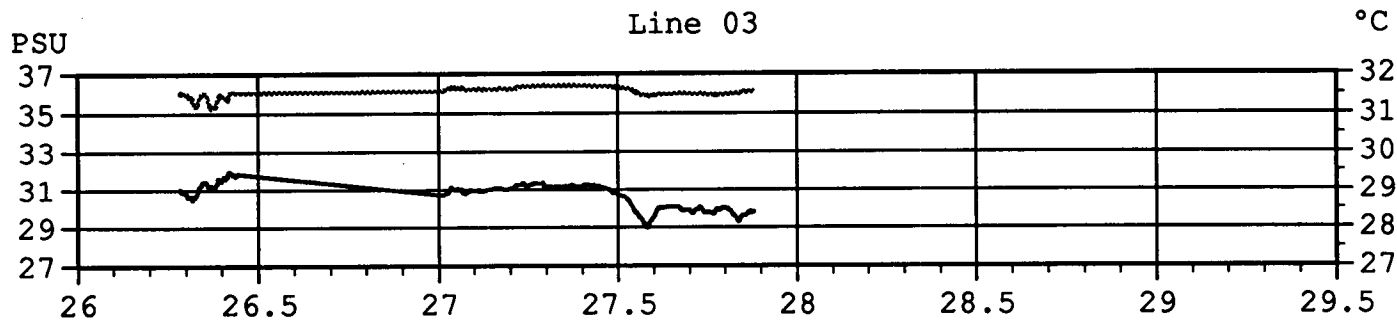
CONTINUOUSLY RECORDING DATA:

- PLOTS OF TEMPERATURE AND SALINITY

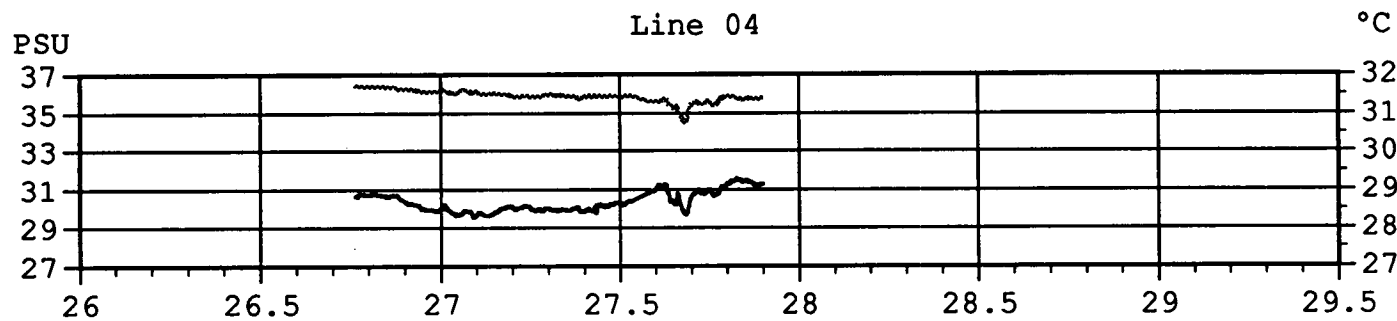
Line 02



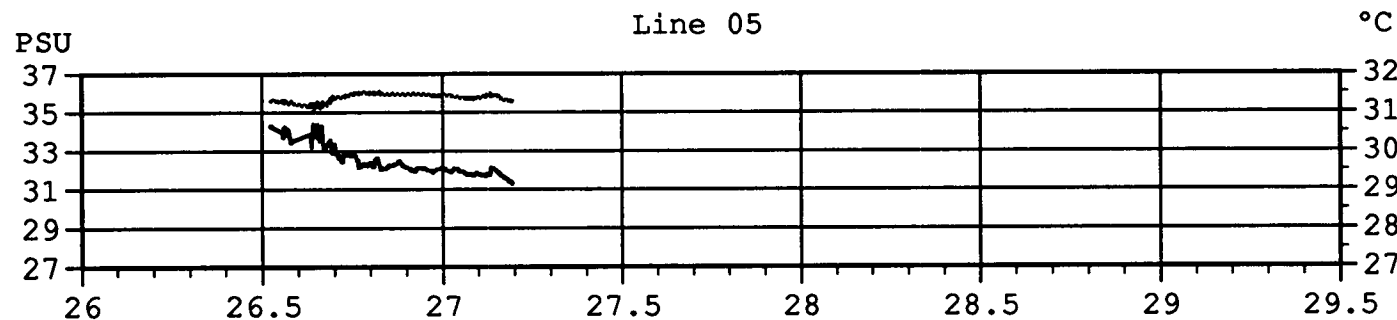
Line 03



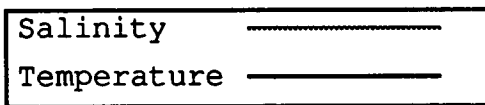
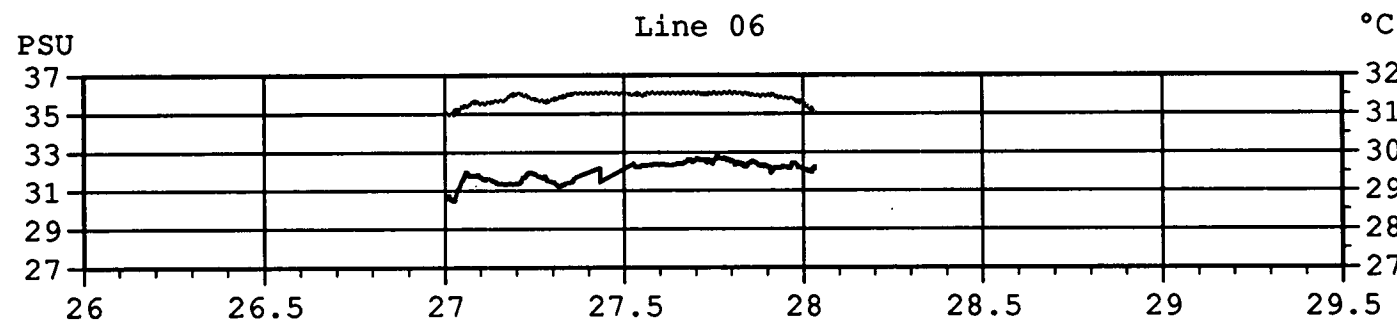
Line 04

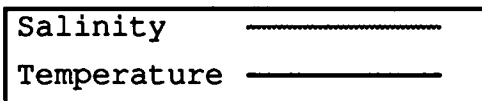
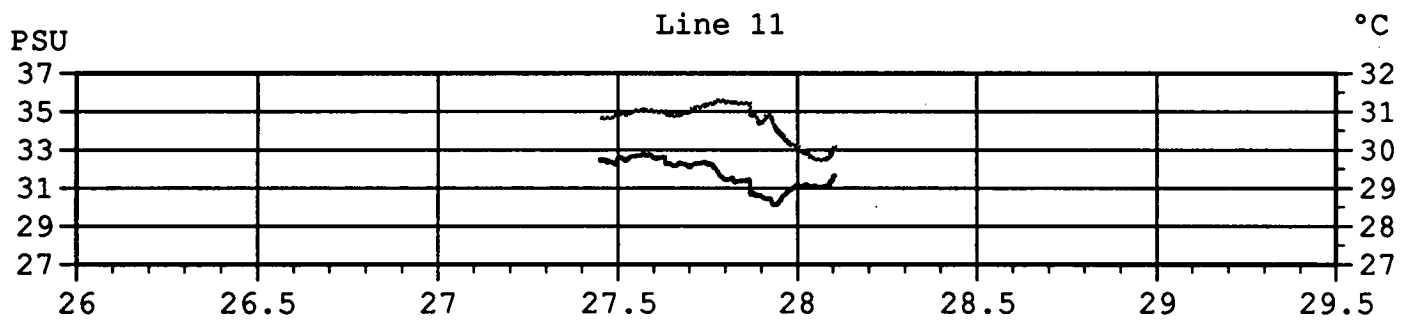
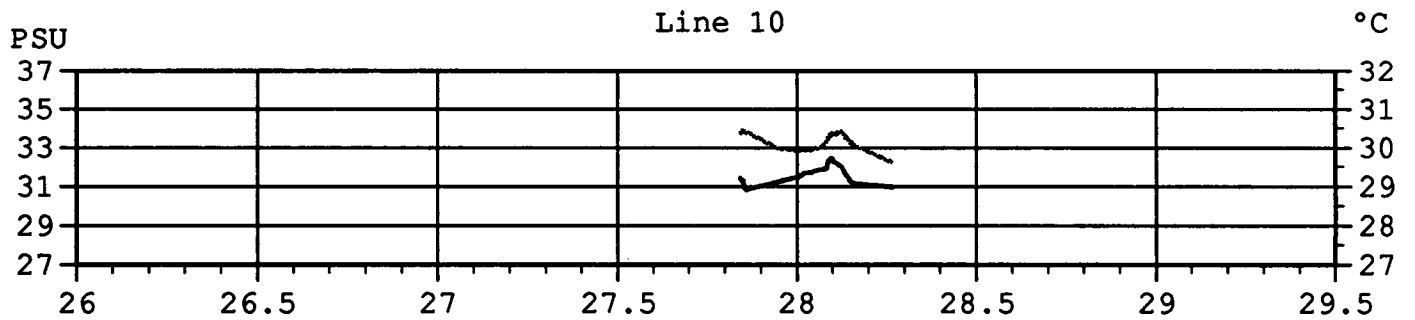
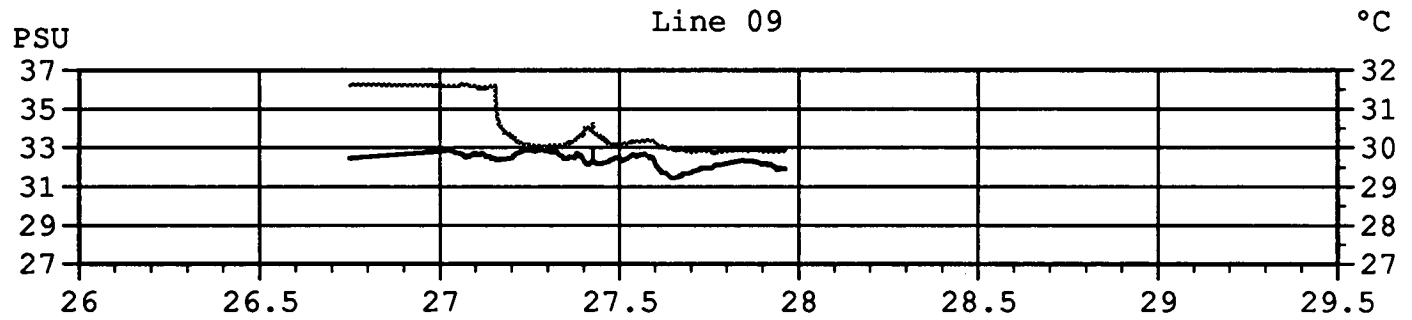
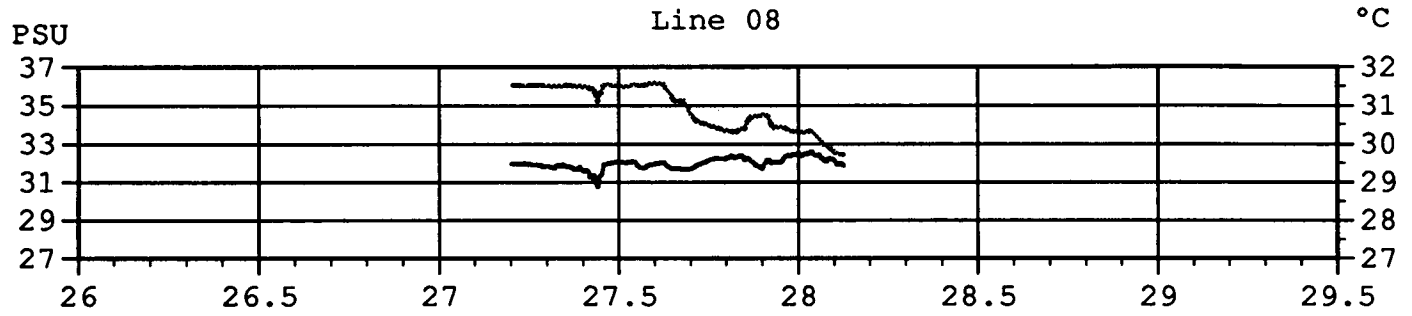
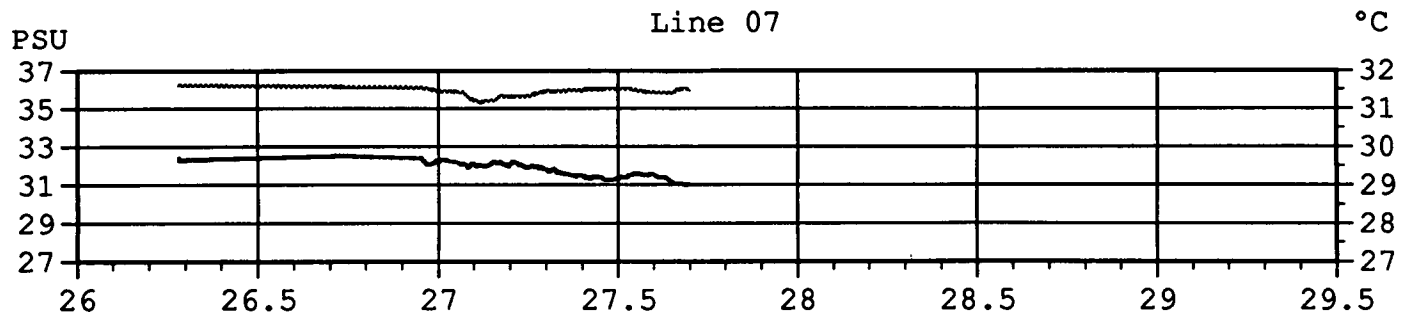


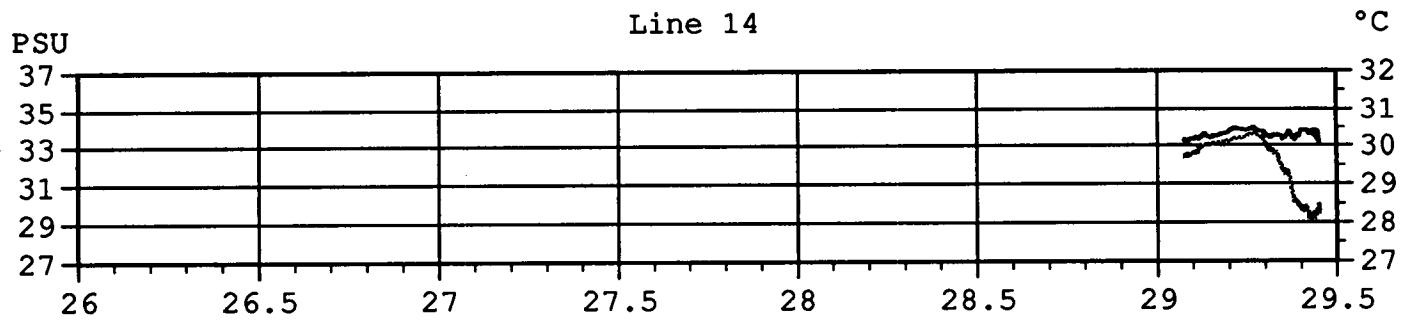
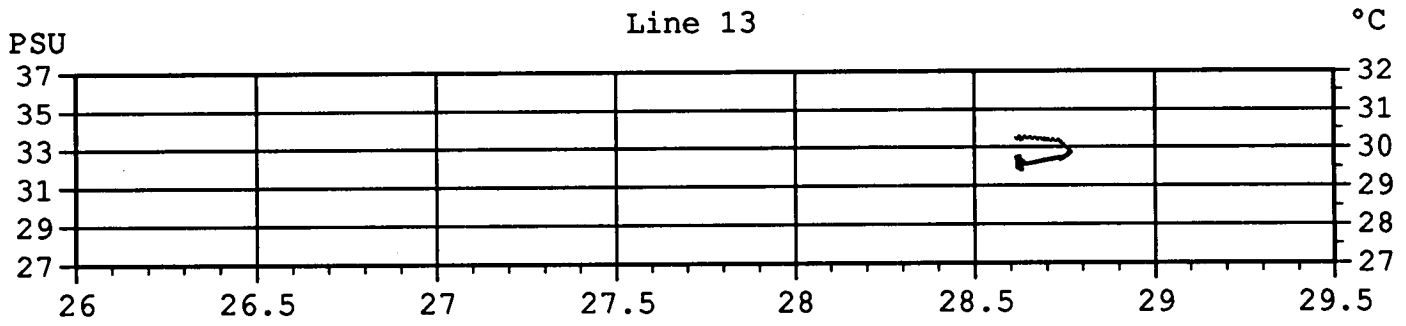
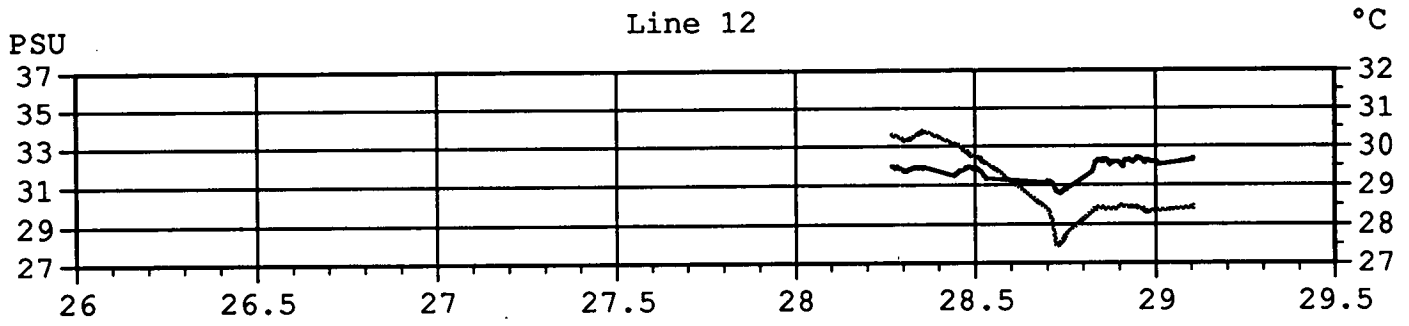
Line 05



Line 06







SALINITY DATA:

-DATA SUMMARY TABLE

-MEAN AND STANDARD DEVIATION TABLE

Station	Sample Depth	Salinity Bottle	Salinity CTD	Difference Bottle-CTD	Station	Sample Depth	Salinity Bottle	Salinity CTD	Difference Bottle-CTD
02-010	1.0	36.0714	36.088	-0.016	07-071	0.0	36.0504	36.069	-0.018
02-010	499.1	35.2049	35.214	-0.009	07-071	748.1	34.9038	34.906	-0.002
02-013	0.0	36.2397	36.261	-0.021	07-073	0.0	36.1587	36.183	-0.024
02-013	498.1	35.1980	35.216	-0.018	07-073	999.4	34.9268	34.929	-0.002
02-015	0.0	36.3125	36.438	-0.125	07-075	0.0	36.2750	36.274	0.001
02-015*	499.5	36.3953	35.124	1.271	07-075	999.7	34.9316	34.932	0.000
02-020	0.8	36.0590	36.085	-0.026	08-076	0.0	36.2539	36.283	-0.029
02-020	92.7	36.3914	36.455	-0.064	08-076	999.6	34.9308	34.931	0.000
03-021	0.3	36.1199	36.144	-0.024	08-080	0.0	35.8780	35.884	-0.006
03-021	99.2	36.3411	36.366	-0.025	08-080	909.0	34.9248	34.925	0.000
03-026	0.0	36.4757	36.413	0.063	08-086	0.5	32.5392	32.491	0.049
03-026	498.5	35.0999	35.106	-0.006	08-086	96.6	36.3036	36.322	-0.018
03-029	0.0	36.1451	36.148	-0.003	09-087	0.1	32.5848	32.512	0.072
03-029	1000.6	34.9304	34.934	-0.003	09-087	104.4	36.3527	36.375	-0.022
03-030	0.0	36.0787	36.107	-0.029	09-093	0.0	33.9030	33.742	0.161
03-030	999.5	34.9258	34.928	-0.002	09-093	1000.1	34.9293	34.935	-0.006
04-031	0.0	35.9218	35.935	-0.013	09-096	0.0	36.2904	36.311	-0.021
04-031	997.2	34.9461	34.929	0.018	09-096	999.8	34.9326	34.927	0.006
04-033	0.0	36.4446	36.486	-0.042	10-097	0.0	33.3335	33.281	0.052
04-033	999.3	34.9521	34.950	0.002	10-097	999.0	34.9478	34.943	0.005
04-036	0.0	35.9286	35.994	-0.066	10-100	0.0	33.1540	33.110	0.044
04-036	799.6	34.9088	34.913	-0.004	10-105	0.4	32.4749	32.446	0.029
04-042	0.2	35.8549	35.876	-0.021	10-105	92.6	36.3343	36.364	-0.030
04-042	92.1	36.2906	36.313	-0.022	11-106*	0.3	14.1061	22.521	-8.415
05-043	0.3	34.8659	34.848	0.018	11-106	92.8	36.3926	36.389	0.003
05-043	89.0	36.2241	36.318	-0.094	11-112	0.0	33.3137	33.186	0.128
05-047	101.0	35.6432	35.641	0.003	11-112	149.4	36.1636	36.164	0.000
05-047	499.0	34.9811	34.995	-0.014	11-115	149.6	36.1952	36.204	-0.008
05-050	0.0	36.0168	36.046	-0.029	12-116	0.0	35.8654	35.924	-0.058
05-050	998.5	34.9364	34.940	-0.004	12-116	1000.1	34.9324	34.930	0.003
05-053	0.0	35.9235	35.922	0.002	13-126	0.1	31.5380	31.533	0.005
05-053	999.2	34.9335	34.934	0.000	13-126	93.8	36.3743	36.413	-0.039
06-054	0.0	36.1150	36.117	-0.002	13-133	79.0	36.3514	36.358	-0.007
06-054	999.3	34.9243	34.928	-0.004	13-133	9.1	32.6740	33.421	-0.747
06-055	0.0	34.7388	34.694	0.045	13-134	0.0	33.5377	33.527	0.010
06-055	999.3	34.9277	34.932	-0.004	13-134	993.5	34.9355	34.934	0.001
06-059	0.0	36.0104	36.100	-0.089	14-135	0.0	32.1634	32.028	0.136
06-059	999.3	34.9270	34.934	-0.007	14-135	998.7	34.9312	34.925	0.006
06-064	1.1	35.1347	35.123	0.011	14-136	0.0	32.0208	31.740	0.281
06-064	96.2	36.3343	36.362	-0.027	14-136	997.4	34.9260	34.925	0.001
07-065	1.2	34.3815	34.359	0.022	14-143	0.0	32.2851	29.872	2.413
07-065	101.9	36.3442	36.373	-0.029	14-143	73.66	36.2450	36.265	-0.020

Note : * anomalous value

Cruise 02 Salinity Means and Standard Deviations

	Mean	Standard Deviation
Bottle Salinity	34.9388536	2.0814028
CTD Salinity	35.2719276	1.57879924
Bottle and CTD Salinities	35.1053906	1.83010102

APPENDIX A:
STATION POSITIONS

Table 1. XBT station positions and probe type

XBT Station	Date	Start Time	Latitude	Longitude	Probe Type	XBT Station	Date	Start Time	Latitude	Longitude	Probe Type
02-012	23-Aug-92	202	26° 41.10	95° 30.00	T-7	08-082	16-Aug-92	1644	27° 45.44	91° 30.14	T-7
02-014	22-Aug-92	1755	27° 23.01	95° 29.96	T-7	08-083	16-Aug-92	1559	27° 49.45	91° 29.94	T-7
02-016	22-Aug-92	1613	27° 28.00	95° 29.98	T-7	08-084	16-Aug-92	1535	27° 51.98	91° 29.88	T-7
02-017	22-Aug-92	1453	27° 36.50	95° 30.00	T-7	08-085	16-Aug-92	1521	27° 52.98	91° 29.91	T-10
02-018	22-Aug-92	1352	27° 41.48	95° 29.92	T-7	08-Ex1	16-Aug-92	1945	27° 27.18	91° 30.40	T-7
02-019	22-Aug-92	1347	27° 42.05	95° 29.95	T-10	09-088	16-Aug-92	651	28° 02.49	90° 50.01	T-10
02-Ex4	22-Aug-92	1944	27° 11.43	95° 29.99	T-7	09-089	16-Aug-92	625	28° 00.02	90° 50.06	T-7
03-022	22-Aug-92	619	27° 51.48	94° 49.95	T-10	09-090	16-Aug-92	457	27° 51.94	90° 49.95	T-7
03-023	22-Aug-92	558	27° 46.90	94° 49.98	T-7	09-091	16-Aug-92	403	27° 46.8	90° 50.00	T-7
03-024	22-Aug-92	500	27° 42	94° 50	T-7	09-092	16-Aug-92	304	27° 39.5	90° 50	T-20
03-025	22-Aug-92	351	27° 33.92	94° 50.08	T-7	09-094	15-Aug-92	2201	27° 15.95	90° 49.27	T-20
03-027	22-Aug-92	111	27° 22.91	94° 50.01	T-7	10-098	15-Aug-92	803	27° 11.54	90° 09.99	T-20
03-028	21-Aug-92	2218	27° 03.48	94° 49.98	T-7	10-099	15-Aug-92	331	27° 40	90° 10	T-7
04-032	21-Aug-92	517	26° 37.07	94° 09.98	T-7	10-101	15-Aug-92	59	27° 49.88	90° 09.88	T-7
04-037	20-Aug-92	1909	27° 30.02	94° 10.04	T-7	10-102	14-Aug-92	2301	28° 01.93	90° 10.06	T-7
04-038	20-Aug-92	1728	27° 38.12	94° 09.94	T-7	10-103	14-Aug-92	2240	28° 04.04	90° 10.09	T-7
04-039	20-Aug-92	1703	27° 41.02	94° 10.02	T-7	10-104	14-Aug-92	2150	28° 09.47	90° 10.03	T-10
04-040	20-Aug-92	1637	27° 44.12	94° 10.00	T-7	11-107	14-Aug-92	1356	28° 36.61	89° 30.03	T-10
04-041	20-Aug-92	1552	27° 49.56	94° 10.01	T-10	11-108*	14-Aug-92	1314	28° 31.98	89° 29.98	T-7
04-Ex2	20-Aug-92	2003	27° 29.05	94° 09.10	T-7	11-109	14-Aug-92	1239	28° 28.01	89° 30.04	T-7
05-044	20-Aug-92	2008	27° 49.35	93° 30.5	T-10	11-110	14-Aug-92	1137	28° 21.48	89° 29.98	T-7
05-045	20-Aug-92	625	27° 34.93	93° 29.98	T-7	11-111	14-Aug-92	1033	28° 15.01	89° 30.07	T-20
05-046	20-Aug-92	606	27° 32.99	93° 29.96	T-7	11-113	14-Aug-92	300	27° 38	89° 29.9	T-20
05-048*	20-Aug-92	257	27° 20.94	93° 30.00	T-7	12-119	13-Aug-92	843	28° 26	88° 50	T-7
05-049	20-Aug-92	23	27° 05.96	93° 30.02	T-7	12-120	13-Aug-92	511	28° 43.5	88° 50	T-20
05-051	19-Aug-92	1955	26° 43.15	93° 30.05	T-7	12-121	13-Aug-92	435	28° 47	88° 50	T-7
06-Ex5	19-Aug-92	322	26° 36.00	92° 50.00	T-7	12-122	13-Aug-92	328	28° 53	88° 50	T-7
06-056	18-Aug-92	2312	26° 52.04	92° 50.01	T-7	12-123	13-Aug-92	302	28° 55.5	88° 50	T-7
06-058	18-Aug-92	1854	27° 18.74	92° 50.00	T-7	12-124	13-Aug-92	216	29° 00	88° 50	T-10
06-060	18-Aug-92	1555	27° 34.56	92° 49.98	T-7	13-127	12-Aug-92	1833	29° 10.05	88° 09.95	T-10
06-061*	18-Aug-92	1411	27° 41.01	92° 49.99	T-7	13-128	12-Aug-92	1808	29° 10.58	88° 10.00	T-7
06-062	18-Aug-92	1358	27° 42.98	92° 49.95	T-7	13-129	12-Aug-92	1718	29° 08.49	88° 10.01	T-7
06-063	18-Aug-92	1204	27° 54.51	92° 50.00	T-10	13-130	12-Aug-92	1714	29° 05.13	88° 10.02	T-7
07-066	18-Aug-92	449	27° 52.98	92° 09.89	T-10	13-131	12-Aug-92	1654	29° 03.05	88° 10.04	T-20
07-067	18-Aug-92	437	27° 51.99	92° 09.86	T-7	13-132	12-Aug-92	1446	28° 49	88° 10	T-20
07-068	18-Aug-92	331	27° 44.95	92° 10.07	T-7	14-137	12-Aug-92	2000	29° 04.00	87° 30.06	T-20
07-069	18-Aug-92	216	27° 37.04	92° 10.02	T-7	14-138*	12-Aug-92	1817	29° 14.99	87° 29.97	T-20
07-070	18-Aug-92	106	27° 29.46	92° 09.98	T-7	14-139	11-Aug-92	1758	29° 17.00	87° 29.92	T-7
07-072	17-Aug-92	2054	27° 09.49	92° 10.05	T-7	14-140	11-Aug-92	1731	29° 20.03	87° 29.91	T-7
08-079	16-Aug-92	2139	27° 23.05	91° 29.96	T-7	14-141	11-Aug-92	1712	29° 22.00	87° 29.99	T-7
08-081	16-Aug-92	1849	27° 32.95	91° 29.98	T-7	14-142	11-Aug-92	1645	29° 24.96	87° 29.87	T-10

Note : * "bad" probe

Table 2 . CTD Station Position with Depth and Distance Offshore (km)

Station	Latitude	Longitude	Depth	Km Offshore
02-010	26 00.0	95 30.00	1600	311.3
02-013	26 46.0	95 30.00	1320	226.06
02-015	27 26.0	95 30.00	875	151.94
02-020	27 47.0	95 30.00	96	113.03
03-021	27 56.0	94 50.00	102	142.68
03-026	27 26.0	94 50.00	905	198.27
03-029	26 46.0	94 50.00	1420	272.39
03-030	26 17.0	94 50.00	2000	326.13
04-031	26 17.0	94 10.00	2000	374.68
04-033	26 46.0	94 10.00	1350	320.94
04-036	27 26.0	94 10.00	826	246.82
04-042	27 54.0	94 10.00	95	194.94
05-043	28 00.0	93 30.00	93	198.27
05-047	27 26.0	93 30.00	578	261.27
05-050	26 46.0	93 30.00	1470	335.39
05-053	26 10.0	93 30.00	2000	402.1
06-054	26 14.0	92 50.00	2000	376.16
06-055	26 46.0	92 50.00	1745	316.87
06-059	27 26.0	92 50.00	1035	242.75
06-064	28 02.0	92 50.00	99	176.04
07-065	28 02.0	92 10.00	103	170.48
07-071	27 26.0	92 10.00	814	237.19
07-073	26 46.0	92 10.00	1800	311.31
07-075	26 17.0	92 10.00	2000	365.05
08-076	26 37.0	91 30.00	2000	324.83
08-080	27 26.0	91 30.00	950	234.03
08-086	28 07.5	91 30.00	98	157.13
09-087	28 09.0	90 50.00	109	104.88
09-093	27 26.0	90 50.00	1300	184.56
09-096	26 45.0	90 50.00	2000	260.53
10-097	27 10.0	90 10.00	2000	214.95
10-100	27 46.0	90 10.00	800	148.24
10-105	28 16.0	90 10.00	94	92.65
11-106	28 45.0	89 30.00	95	50.03
11-112	28 06.0	89 30.00	1075	122.3
11-115	27 27.0	89 30.00	2000	194.56
12-116	27 26.0	88 50.00	2000	210.32
12-125	29 06.5	88 50.00	95	24.09
13-126	29 16.5	88 10.00	95	115.07
13-133	28 46.0	88 10.00	1850	171.59
13-134	28 37.0	88 10.00	2000	188.26
14-135	28 31.0	87 30.00	2000	198.27
14-136	28 46.0	87 30.00	1600	170.47
14-143	29 27.0	87 30.00	82	94.5

Table 3. XBT position and depth of 20° C isotherm and temperature at 100 m

XBT Station	Latitude	Longitude	20°C Depth m	Temp. at 100 m	XBT Station	Latitude	Longitude	20°C Depth m	Temp. at 100 m
02-012	26° 41.10	95° 30.00	161	22.90	08-082	27° 45.44	91° 30.14	99	19.96
02-014	27° 23.01	95° 29.96	143	21.84	08-083	27° 49.45	91° 29.94	90	19.28
02-016	27° 28.00	95° 29.98	124	21.36	08-084	27° 51.98	91° 29.88	83	18.56
02-017	27° 36.50	95° 30.00	99	19.94	08-085	27° 52.98	91° 29.91	87	18.89
02-018	27° 41.48	95° 29.92	90	19.71	08-Ex1	27° 27.18	91° 30.40	112	20.72
02-019	27° 42.05	95° 29.95	90	19.67	09-088	28° 02.49	90° 50.01	78	19.14
02-Ex4	27° 11.43	95° 29.99	157	22.39	09-089	28° 00.02	90° 50.06	81	18.47
03-022	27° 51.48	94° 49.95	62	17.68	09-090	27° 51.94	90° 49.95	70	18.98
03-023	27° 46.90	94° 49.98	59	17.79	09-091	27° 46.8	90° 50.00	79	18.58
03-024	27° 42	94° 50	61	18.14	09-092	27° 39.5	90° 50	86	19.26
03-025	27° 33.92	94° 50.08	77	19.14	09-094	27° 15.95	90° 49.27	106	20.24
03-027	27° 22.91	94° 50.01	119	21.13	10-098	27° 11.54	90° 09.99	130	21.29
03-028	27° 03.48	94° 49.98	167	22.77	10-099	27° 40	90° 10	87	18.66
04-032	26° 37.07	94° 09.98	119	21.56	10-101	27° 49.88	90° 09.88	83	18.70
04-037	27° 30.02	94° 10.04	71	17.61	10-102	28° 01.93	90° 10.06	81	18.87
04-038	27° 38.12	94° 09.94	68	18.22	10-103	28° 04.04	90° 10.09	73	18.86
04-039	27° 41.02	94° 10.02	79	18.61	10-104	28° 09.47	90° 10.03	73	18.98
04-040	27° 44.12	94° 10.00	69	18.88	11-107	28° 36.61	89° 30.03	73	18.57
04-041	27° 49.56	94° 10.01	69	19.06	11-109	28° 28.01	89° 30.04	68	17.90
04-Ex2	27° 29.05	94° 09.10	68	17.46	11-110	28° 21.48	89° 29.98	75	18.24
05-044	27° 49.35	93° 30.5	76	18.58	11-111	28° 15.01	89° 30.07	76	18.13
05-045	27° 34.93	93° 29.98	75	18.35	11-113	27° 38	89° 29.9	96	19.51
05-046	27° 32.99	93° 29.96	78	18.12	12-119	28° 26	88° 50	79	18.77
05-049	27° 05.96	93° 30.02	78	17.83	12-120	28° 43.5	88° 50	80	18.91
05-051	26° 43.15	93° 30.05	89	19.48	12-121	28° 47	88° 50	75	19.02
06-Ex5	26° 36.00	92° 50.00	109	20.66	12-122	28° 53	88° 50	73	18.87
06-056	26° 52.04	92° 50.01	78	18.48	12-123	28° 55.5	88° 50	76	18.92
06-058	27° 18.74	92° 50.00	73	18.28	12-124	29° 00	88° 50	80	19.33
06-060	27° 34.56	92° 49.98	65	17.77	13-127	29° 10.05	88° 09.95	100	20.00
06-062	27° 42.98	92° 49.95	74	17.76	13-128	29° 10.58	88° 10.00	96	19.75
06-063	27° 54.51	92° 50.00	72	18.53	13-129	29° 08.49	88° 10.01	90	19.15
07-066	27° 52.98	92° 09.89	75	18.59	13-130	29° 05.13	88° 10.02	86	19.13
07-067	27° 51.99	92° 09.86	75	18.30	13-131	29° 03.05	88° 10.04	89	19.46
07-068	27° 44.95	92° 10.07	72	18.35	13-132	28° 49	88° 10	106	20.21
07-069	27° 37.04	92° 10.02	74	18.33	14-137	29° 04.00	87° 30.06	112	20.41
07-070	27° 29.46	92° 09.98	76	18.30	14-139	29° 17.00	87° 29.92	100	19.97
07-072	27° 09.49	92° 10.05	91	19.25	14-140	29° 20.03	87° 29.91	111	20.42
08-079	27° 23.05	91° 29.96	120	21.57	14-141	29° 22.00	87° 29.99	118	20.39
08-081	27° 32.95	91° 29.98	105	20.15	14-142	29° 24.96	87° 29.87	101	20.05

APPENDIX B:
TEMPERATURE AND SALINITY

Figure 2. Temperature Values (°C) : XBT (at 1.29 m) versus MIDAS (~ 1.00 m)

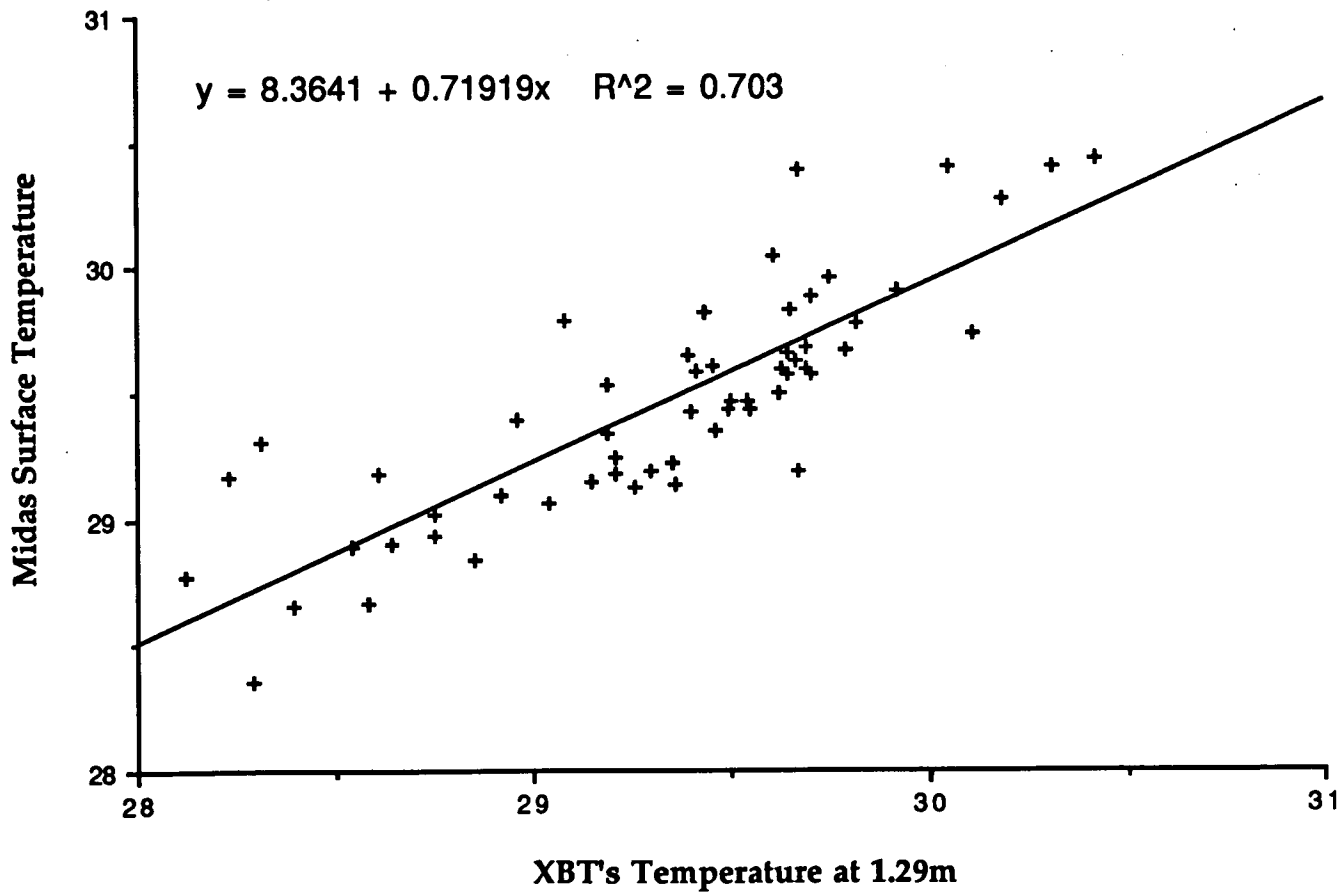


Figure 3. Sea Surface Temperature Values (°C) : CTD versus MIDAS

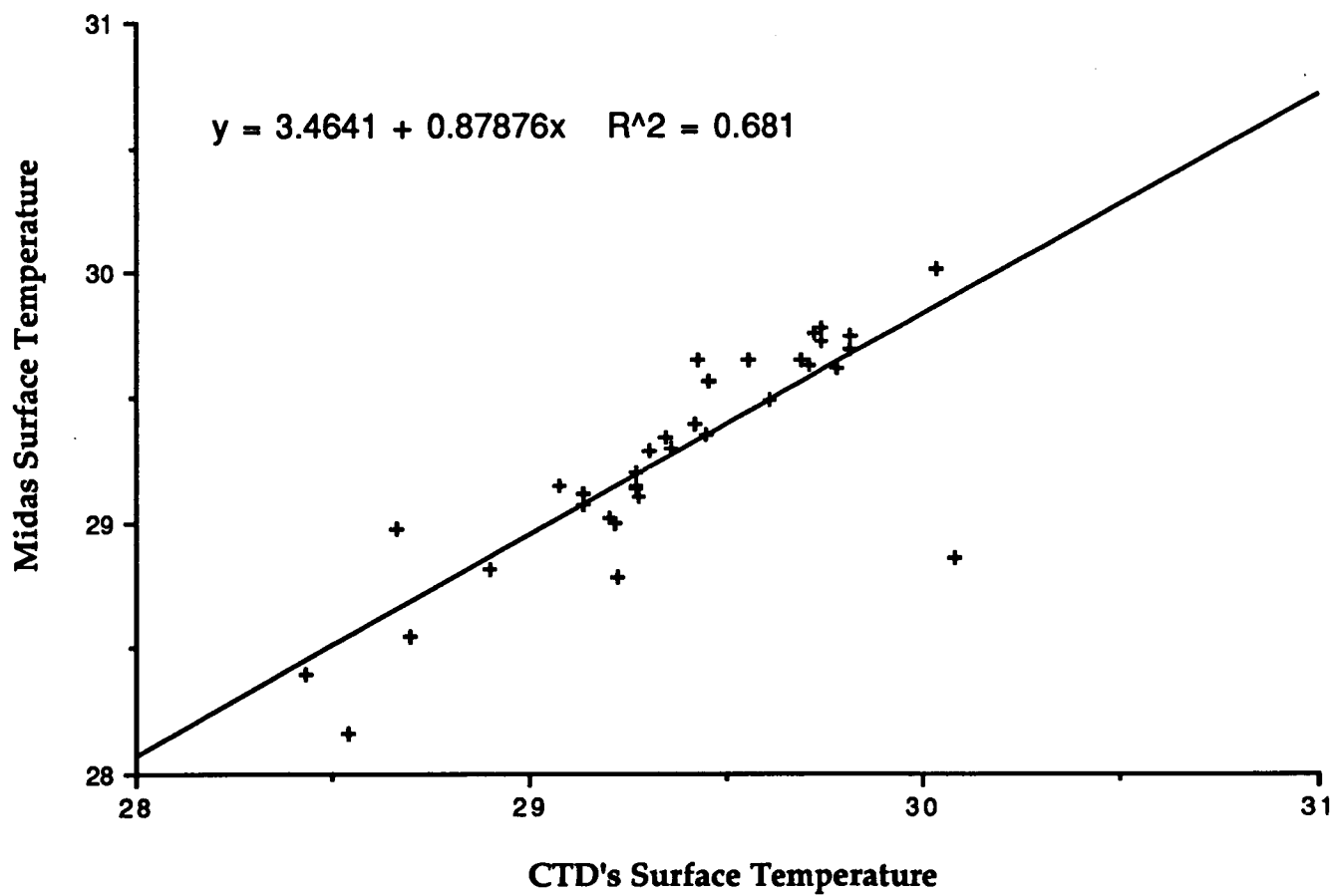


Figure 4. Temperature values (°C) : CTD versus XBT
(0-300 m temperature range with 2 mi proximity of XBT to CTD station)

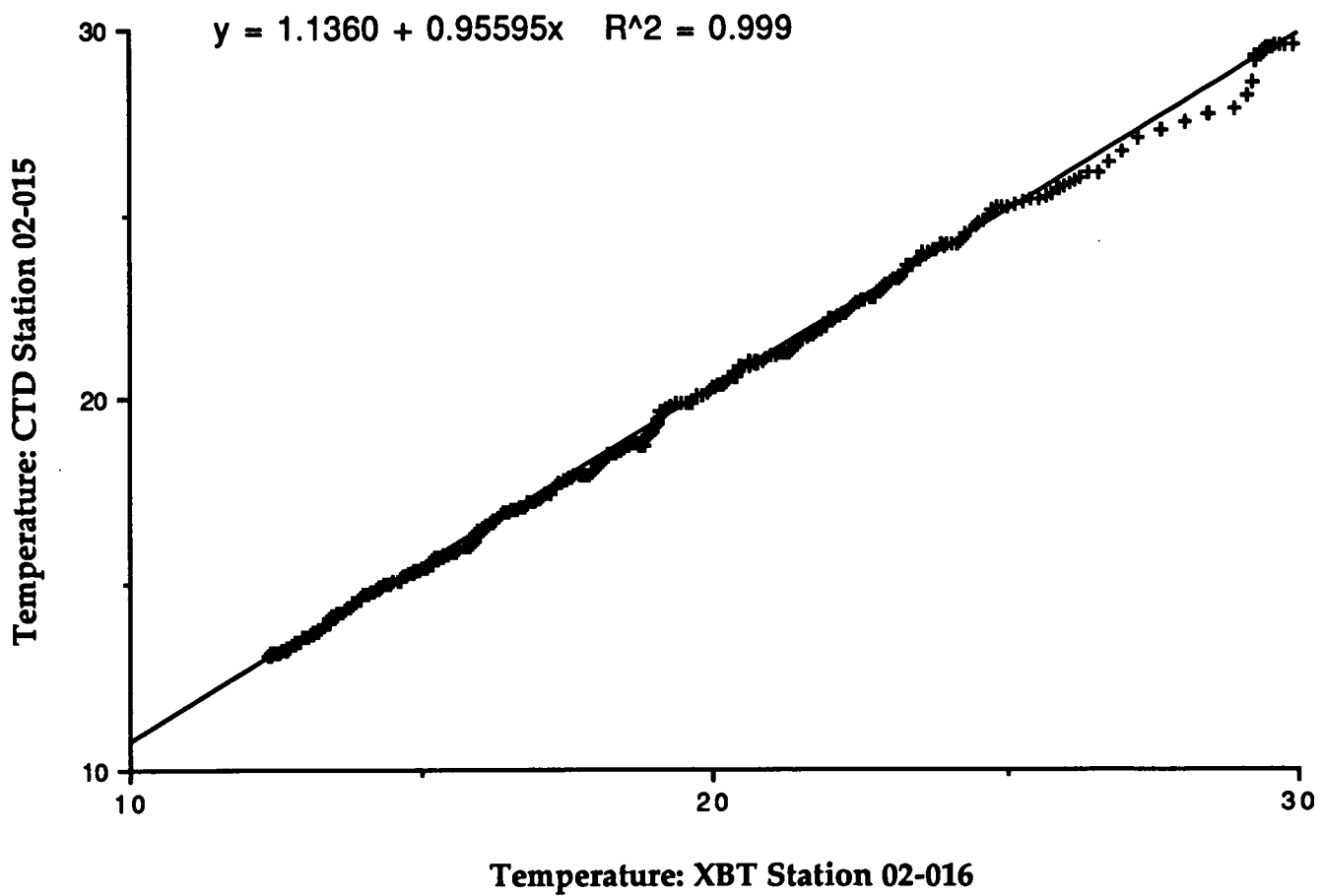


Figure 5. Bottle salinity versus CTD salinity

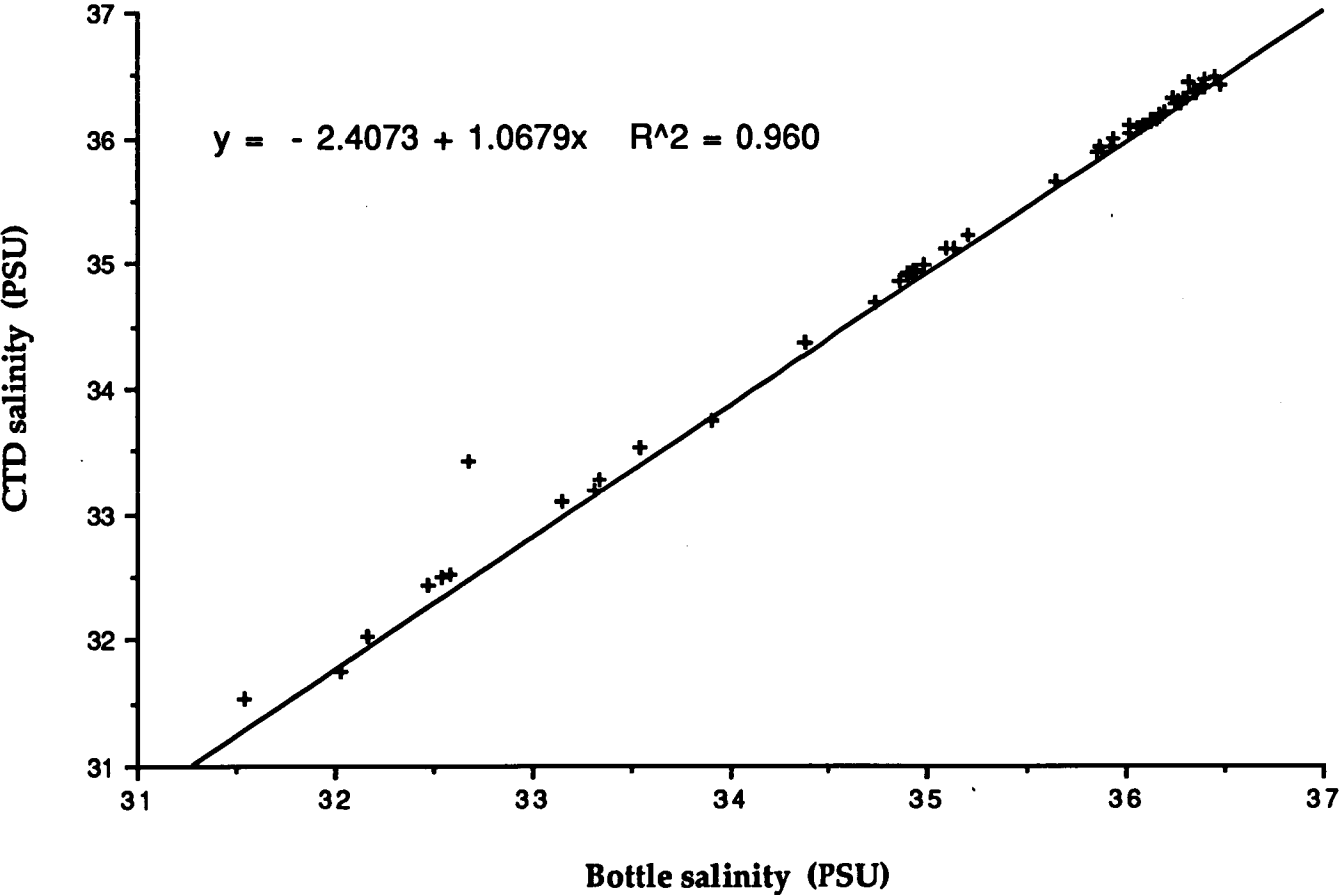
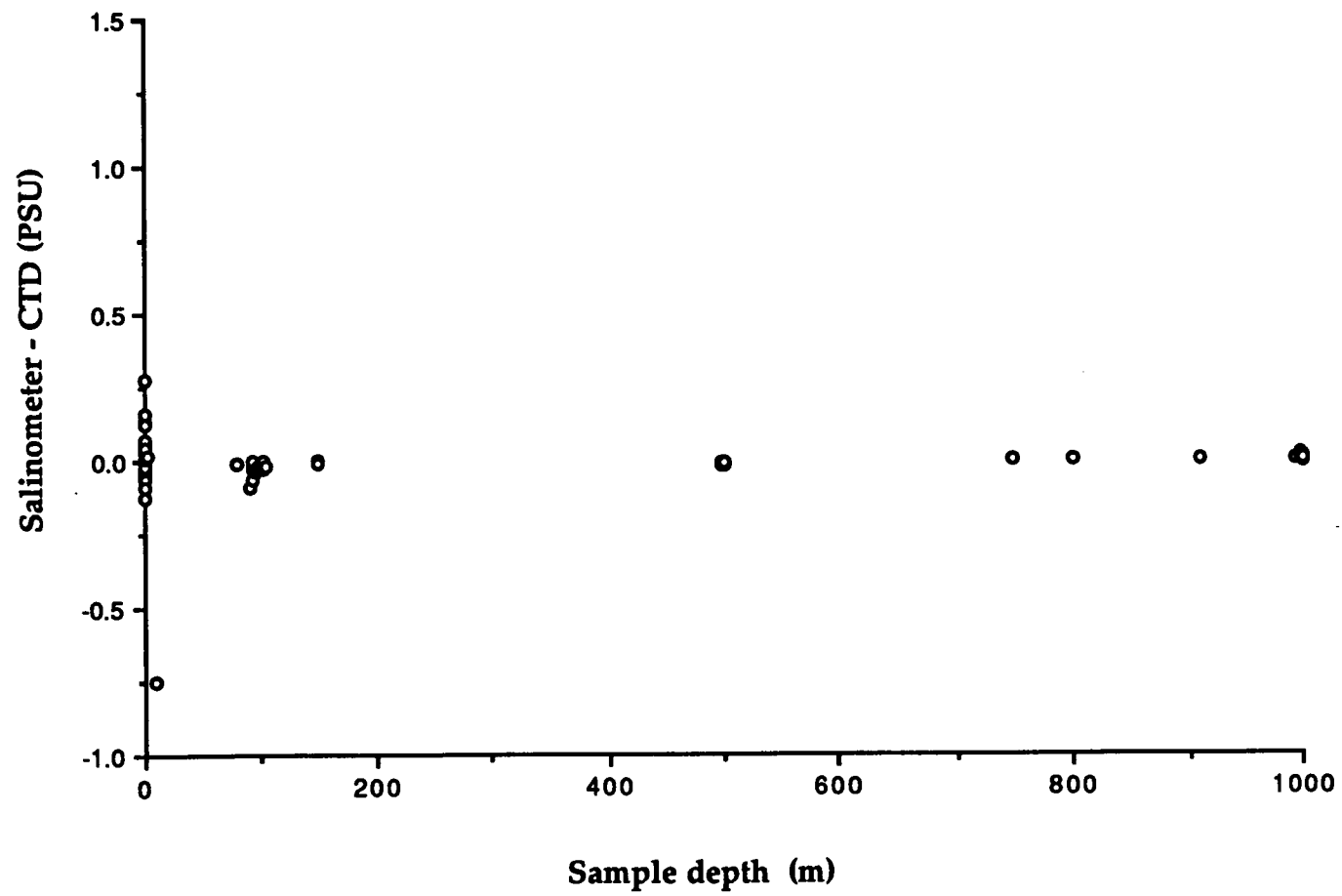


Figure 6. Sample depth versus difference between bottle and CTD salinity values





The Department of the Interior Mission

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering sound use of our land and water resources; protecting our fish, wildlife, and biological diversity; preserving the environmental and cultural values of our national parks and historical places; and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people by encouraging stewardship and citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.



The Minerals Management Service Mission

As a bureau of the Department of the Interior, the Minerals Management Service's (MMS) primary responsibilities are to manage the mineral resources located on the Nation's Outer Continental Shelf (OCS), collect revenue from the Federal OCS and onshore Federal and Indian lands, and distribute those revenues.

Moreover, in working to meet its responsibilities, the **Offshore Minerals Management Program** administers the OCS competitive leasing program and oversees the safe and environmentally sound exploration and production of our Nation's offshore natural gas, oil and other mineral resources. The MMS **Minerals Revenue Management** meets its responsibilities by ensuring the efficient, timely and accurate collection and disbursement of revenue from mineral leasing and production due to Indian tribes and allottees, States and the U.S. Treasury.

The MMS strives to fulfill its responsibilities through the general guiding principles of: (1) being responsive to the public's concerns and interests by maintaining a dialogue with all potentially affected parties and (2) carrying out its programs with an emphasis on working to enhance the quality of life for all Americans by lending MMS assistance and expertise to economic development and environmental protection.