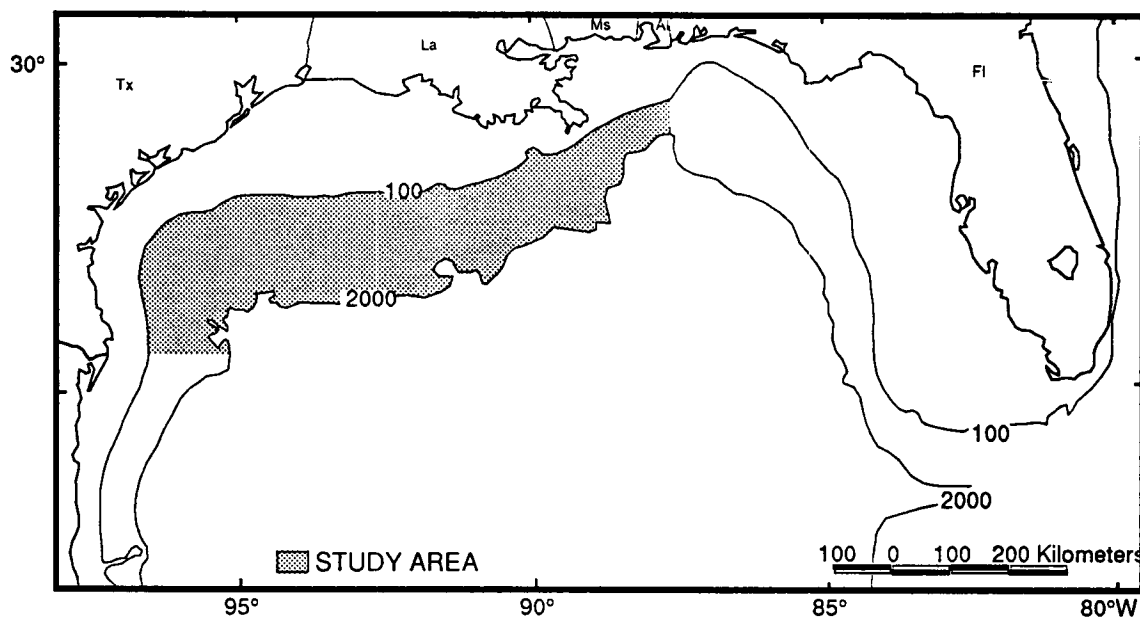


GULFCET CRUISE 06 HYDROGRAPHIC DATA

XBT, CTD, AND NISKIN BOTTLE DATA FROM AUGUST 27-
SEPTEMBER 7, 1993 CRUISE ON R/V *PELICAN*



Technical Report 94-02-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

January 1994

G.S. Fargion,
Technical Editor

R.W. Davis,
Program Manager, GulfCet

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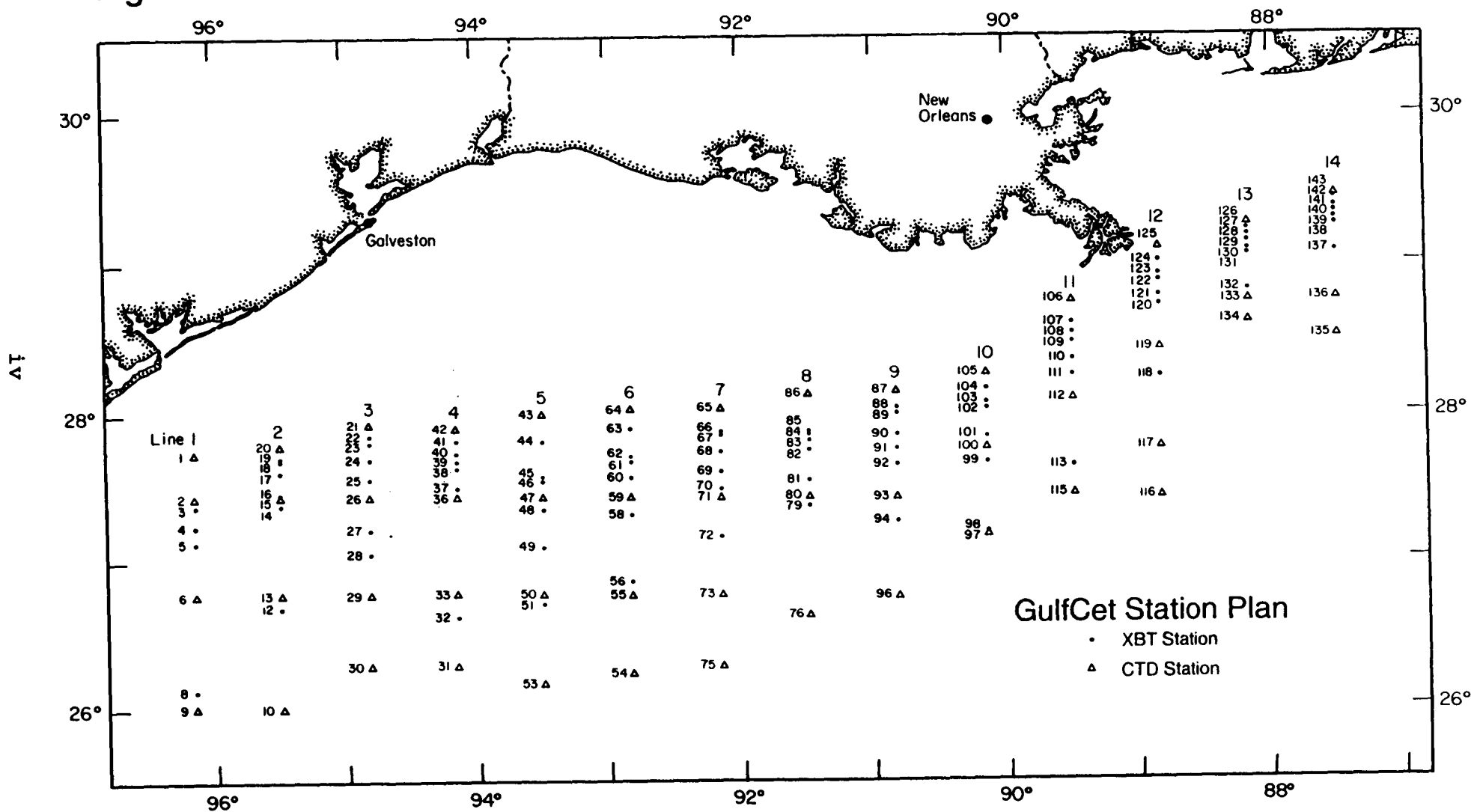
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Figure 1. GulfCet Station Plan: XBT and CTD Stations



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 sixth TAMU GulfCet cruise, a twelve day summer cruise, August 27-September 7, 1993, 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 twelve North-South track lines (Figure 1) was followed during the cruise. Track lines 1 and 2 were dropped from the station plan following a GulfCet cruise evaluation. The stations were sampled in reverse order, beginning with line 14, station 143.

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, and XBT deployments. Sea-Bird Electronics SBE 9 Plus CTD was used on this cruise, and lowered to the sea floor, or to a maximum depth of 800 m. Spartron of Canada XBT probes, hardware, and software, along with Sippican's XBT launcher were also 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.

Conductivity/Temperature/Depth (CTD) Data:

CTD stations (see Appendix A, Table 2) were located at the 100 and 2000 m isobaths (except at the Mexican border), and at 40 nautical mile intervals along 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. Due to time constraints, no CTD casts were made on track line 3, but XBT's were deployed at the CTD station positions along this track line.

The CTD temperature, pressure, dissolved oxygen, and conductivity sensors are calibrated semi-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 collected at each station. Chlorophyll samples were taken from either

six or twelve of the Niskin bottles, depending upon the CTD station. A salinity sample was taken from each bottle at the following stations: 04-033, 05-050, 06-059, 06-054, 07-073, 08-076, 09-093, 10-097, 11-112, 12-116, 13-133, and 14-135.

Salinity samples were analyzed at TAMU, using a Guildline Conductivity Coupled Salinometer (model number 8400A). The Salinometer was standardized with Wormley Standard Seawater. Salinity values are reported to four decimal places.

Chlorophyll samples were filtered on board and kept under liquid nitrogen until return to shore. The chlorophyll data are not presented in this report, but will be reported in a later 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). The processed XBT data were interpolated using a program developed at Scripps Institution of Oceanography. Interpolations are at 1 m steps, and data are listed at 10 m intervals. Probe failures occurred at stations 08-079, 09-091, and 14-138. Twenty five extra XBT probes were deployed at specific marine mammal sightings, or to delineate certain hydrographic features. The extra probes are listed by their corresponding track line number followed by EX. BL indicates that the probe was deployed between track lines. Five extra probes were deployed at specific marine mammal sightings. Four additional XBT's were deployed at the unsampled CTD stations on track line 3. Seventeen XBT probes were deployed to better define the Mississippi River plume, and to further define the boundaries of the Loop Current and various eddies. Most of these probes are listed with the letter B in their station designation.

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. |

No data corrections were made. The temperature sensor as well as the conductivity sensor were calibrated prior to this cruise at Sea-Bird Electronics. On April 21, 1993, a drift of 0.00328 was obtained for the temperature sensor. A drift of 0.00015 was detected for the conductivity sensor on August 5, 1993.

Station positions for the processed CTD data indicate actual occupied positions. Figure 2 (Appendix B) shows a CTD versus XBT temperature comparison for CTD station 04-033 and for an XBT deployed at that same station.

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>Sound V</u>	Sound Velocity	m/s
<u>Oxy</u>	Oxygen	mg/l
<u>Fluor.</u>	Fluorescence	v
<u>Pressure:</u>	Pressure	db

Temperature Data:

The processed XBT data were calibrated against the CTD cast data. Scatter plots were made of the CTD depth and XBT depth difference (for the compared isotherm) versus XBT isotherm depth (Singer, 1990). The first order empirical fit was $y=0.047x - 2.9$. A depth adjustment was made in the data to compensate for the fact that XBT isotherms were shallower than CTD isotherms.

The temperature profiles and isotherm maps were plotted using this corrected temperature data and were all generated with *Surfer* software (version 4, Golden Software, Inc.).

Rosette Cast Data:

Salinity data were computed using the recommended Joint Panel on Oceanographic Tables and Standards (JPOTS) formula (UNESCO, 1991). The surface salinity contour map was generated with *Surfer* software (version 4, Golden Software, Inc.) from CTD salinity data. Figure 3 of Appendix B is a plot of the CTD salinity values versus those obtained from Niskin water samples at the same stations. The difference between the Niskin bottle salinity values and the CTD values is plotted versus depth in Figure 4 (Appendix B).

The mean and standard deviation for the Niskin bottle salinities and CTD salinities are as follows:

Mean Niskin bottle salinity: 35.7264	Mean CTD salinity: 35.7152
Niskin bottle standard deviation: 1.0692	CTD standard deviation: 1.1017

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PERSONNEL

GulfCet Cruise 06 Personnel:

Ship's Captain:

Chris Riffe, R/V *Pelican*

Chief Scientist:

Bernd Würsig TAMUG, Professor, PI

Scientific Staff:

Jeff Norris	TAMU, Research Associate
Tom Jefferson	TAMU, Graduate Student
Logan Respass	TAMUG, Marine Technician
Troy Sparks	TAMU, Graduate Student
Stefan Bräger	Volunteer
Spencer Lynn	TAMU, Graduate Student
David Weller	TAMU, Graduate Student
Lisa de los Santos	TAMUG, Student
David Brandon	TAMUG, Computer Programmer
Luis Montaña	Volunteer
Shane Kanatous	TAMU, Graduate Student
Mary Howley	TAMUG, Clerk
Dwight Peake	Volunteer

GulfCet Analytical and Processing Personnel:

Sample Analysis:

Logan Respass TAMUG, Marine Technician

Data Processing and Programming:

David Brandon TAMUG, Computer Programmer
Ted Engelhardt TAMUG, Clerk

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 06
Latitude: 27° 55.98' N

Station: 03-021
Longitude: 94° 50.04' W

Probe Type: T-10
Date: 6-Sep-1993 **Time:** 1117

Depth (m)	Temp. (°C)
0.00	29.13
10.00	29.23
20.00	29.04
30.00	28.96
40.00	28.45
50.00	25.94
60.00	24.27
70.00	22.67
80.00	21.07
90.00	20.04
100.00	18.39

Cruise: GULFCET 06
Latitude: 27° 51.53' N

Station: 03-022
Longitude: 94° 49.98' W

Probe Type: T-10
Date: 6-Sep-1993 **Time:** 1038

Depth (m)	Temp. (°C)
0.00	29.76
10.00	29.74
20.00	29.21
30.00	28.94
40.00	28.73
50.00	26.41
60.00	24.09
70.00	22.77
80.00	21.32
90.00	20.34
100.00	19.28
110.00	18.43
120.00	17.57
130.00	17.09
140.00	16.71
150.00	16.07
160.00	15.70
170.00	15.34
180.00	15.06
190.00	14.64

Cruise: GULFCET 06
Latitude: 27° 49.07' N

Station: 03-023
Longitude: 94° 49.91' W

Probe Type: T-7
Date: 6-Sep-1993 Time: 1017

Depth (m)	Temp. (°C)
0.00	29.43
10.00	29.79
20.00	29.80
30.00	29.90
40.00	29.11
50.00	26.94
60.00	25.06
70.00	23.43
80.00	21.94
90.00	20.64
100.00	19.94

Cruise: GULFCET 06
Latitude: 27° 42.01' N

Station: 03-024
Longitude: 94° 50.02' W

Probe Type: T-7
Date: 6-Sep-1993 Time: 0919

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.53	310.00	11.36
10.00	29.84	320.00	11.16
20.00	29.87	330.00	10.98
30.00	29.94	340.00	10.75
40.00	29.75	350.00	10.49
50.00	28.83	360.00	10.31
60.00	25.68	370.00	9.96
70.00	23.85		
80.00	22.01		
90.00	20.96		
100.00	20.12		
110.00	19.26		
120.00	18.48		
130.00	17.51		
140.00	16.96		
150.00	16.39		
160.00	15.94		
170.00	15.49		
180.00	15.21		
190.00	14.71		
200.00	14.45		
210.00	14.17		
220.00	13.82		
230.00	13.45		
240.00	13.17		
250.00	12.93		
260.00	12.60		
270.00	12.23		
280.00	12.05		
290.00	11.88		
300.00	11.67		

Cruise: GULFCET 06
Latitude: 27° 34.00' N

Station: 03-025
Longitude: 94° 50.01' W

Probe Type: T-7
Date: 6-Sep-1993 Time: 0816

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.75	310.00	11.67	610.00	6.89
10.00	29.79	320.00	11.39	620.00	6.85
20.00	29.89	330.00	11.15	630.00	6.75
30.00	29.86	340.00	11.02	640.00	6.58
40.00	29.77	350.00	10.87	650.00	6.48
50.00	28.43	360.00	10.69	660.00	6.28
60.00	26.60	370.00	10.44	670.00	6.22
70.00	24.25	380.00	10.24	680.00	6.20
80.00	22.64	390.00	10.02	690.00	6.11
90.00	21.62	400.00	9.77	700.00	6.02
100.00	20.62	410.00	9.49	710.00	5.97
110.00	19.51	420.00	9.30	720.00	5.89
120.00	18.77	430.00	9.17	730.00	5.85
130.00	17.92	440.00	9.03	740.00	5.77
140.00	17.35	450.00	8.81	750.00	5.73
150.00	16.95	460.00	8.72		
160.00	16.53	470.00	8.51		
170.00	16.13	480.00	8.36		
180.00	15.66	490.00	8.25		
190.00	15.30	500.00	8.18		
200.00	14.92	510.00	8.03		
210.00	14.55	520.00	7.79		
220.00	14.20	530.00	7.70		
230.00	13.84	540.00	7.57		
240.00	13.48	550.00	7.37		
250.00	13.09	560.00	7.23		
260.00	12.89	570.00	7.14		
270.00	12.58	580.00	7.04		
280.00	12.33	590.00	7.00		
290.00	12.16	600.00	6.97		
300.00	11.92				

Cruise: GULFCET 06
Latitude: 27° 26.00' N

Station: 03-026
Longitude: 94° 50.01' W

Probe Type: T-7
Date: 6-Sep-1993 Time: 0711

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.75	310.00	11.88	610.00	7.02
10.00	29.79	320.00	11.62	620.00	6.96
20.00	29.88	330.00	11.32	630.00	6.88
30.00	29.85	340.00	11.18	640.00	6.80
40.00	29.75	350.00	10.96	650.00	6.75
50.00	28.11	360.00	10.77	660.00	6.66
60.00	26.21	370.00	10.56	670.00	6.54
70.00	24.78	380.00	10.41	680.00	6.43
80.00	23.68	390.00	10.22	690.00	6.39
90.00	22.54	400.00	10.04	700.00	6.29
100.00	21.23	410.00	9.85	710.00	6.17
110.00	19.91	420.00	9.74	720.00	6.10
120.00	19.21	430.00	9.59	730.00	6.00
130.00	18.49	440.00	9.43	740.00	5.94
140.00	17.71	450.00	9.28	750.00	5.88
150.00	17.20	460.00	9.10	760.00	5.84
160.00	16.73	470.00	8.89	770.00	5.81
170.00	16.24	480.00	8.76	780.00	5.77
180.00	15.90	490.00	8.58	790.00	5.74
190.00	15.50	500.00	8.44	800.00	5.72
200.00	15.07	510.00	8.34	810.00	5.61
210.00	14.74	520.00	8.21		
220.00	14.57	530.00	8.01		
230.00	14.16	540.00	7.79		
240.00	13.85	550.00	7.68		
250.00	13.54	560.00	7.62		
260.00	13.24	570.00	7.51		
270.00	12.94	580.00	7.40		
280.00	12.64	590.00	7.24		
290.00	12.41	600.00	7.14		
300.00	12.09				

Cruise: GULFCET 06
Latitude: 27° 23.09' N

Station: 03-027
Longitude: 94° 49.70' W

Probe Type: T-7
Date: 6-Sep-1993 Time: 0650

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.78	310.00	12.00	610.00	7.04
10.00	29.81	320.00	11.78	620.00	6.93
20.00	29.94	330.00	11.55	630.00	6.89
30.00	29.90	340.00	11.28	640.00	6.76
40.00	29.52	350.00	11.06	650.00	6.63
50.00	27.89	360.00	10.84	660.00	6.52
60.00	25.98	370.00	10.60	670.00	6.47
70.00	25.02	380.00	10.42	680.00	6.39
80.00	23.59	390.00	10.24	690.00	6.31
90.00	22.38	400.00	10.08	700.00	6.27
100.00	21.20	410.00	9.87	710.00	6.17
110.00	20.41	420.00	9.69	720.00	6.12
120.00	19.10	430.00	9.57	730.00	6.07
130.00	18.18	440.00	9.40	740.00	6.00
140.00	17.57	450.00	9.23	750.00	5.95
150.00	17.20	460.00	9.10	760.00	5.90
160.00	16.84	470.00	8.96	770.00	5.84
170.00	16.30	480.00	8.86	780.00	5.78
180.00	15.93	490.00	8.71	790.00	5.73
190.00	15.50	500.00	8.50	800.00	5.67
200.00	15.09	510.00	8.38	810.00	5.62
210.00	14.66	520.00	8.21		
220.00	14.35	530.00	8.08		
230.00	14.07	540.00	7.98		
240.00	13.82	550.00	7.86		
250.00	13.57	560.00	7.66		
260.00	13.27	570.00	7.58		
270.00	12.90	580.00	7.47		
280.00	12.67	590.00	7.34		
290.00	12.46	600.00	7.22		
300.00	12.21				

Cruise: GULFCET 06
Latitude: 27° 03.49' N

Station: 03-028
Longitude: 94° 50.05' W

Probe Type: T-7
Date: 6-Sep-1993 Time: 0400

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.62	310.00	11.96	610.00	7.29
10.00	30.09	320.00	11.68	620.00	7.19
20.00	29.87	330.00	11.50	630.00	7.07
30.00	29.80	340.00	11.31	640.00	7.01
40.00	29.05	350.00	11.04	650.00	6.93
50.00	27.86	360.00	10.86	660.00	6.84
60.00	25.42	370.00	10.67	670.00	6.76
70.00	24.34	380.00	10.51	680.00	6.67
80.00	23.56	390.00	10.36	690.00	6.57
90.00	22.78	400.00	10.19	700.00	6.49
100.00	22.16	410.00	10.07	710.00	6.40
110.00	21.33	420.00	9.93	720.00	6.32
120.00	20.11	430.00	9.80	730.00	6.23
130.00	18.77	440.00	9.61	740.00	6.18
140.00	18.16	450.00	9.34	750.00	6.12
150.00	17.41	460.00	9.23	760.00	6.01
160.00	16.94	470.00	9.05	770.00	5.98
170.00	16.62	480.00	8.98	780.00	5.92
180.00	16.24	490.00	8.85	790.00	5.87
190.00	15.75	500.00	8.69	800.00	5.83
200.00	15.32	510.00	8.52		
210.00	15.02	520.00	8.32		
220.00	14.58	530.00	8.21		
230.00	14.21	540.00	8.09		
240.00	13.90	550.00	7.93		
250.00	13.55	560.00	7.81		
260.00	13.28	570.00	7.74		
270.00	13.00	580.00	7.66		
280.00	12.78	590.00	7.55		
290.00	12.53	600.00	7.39		
300.00	12.24				

Cruise: GULFCET 06
Latitude: 26° 46.00' N

Station: 03-029
Longitude: 94° 49.81' W

Probe Type: T-7
Date: 6-Sep-1993 Time: 0128

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.83	310.00	11.63	610.00	6.95
10.00	29.84	320.00	11.42	620.00	6.83
20.00	29.85	330.00	11.20	630.00	6.77
30.00	29.80	340.00	11.02	640.00	6.67
40.00	29.18	350.00	10.76	650.00	6.54
50.00	27.04	360.00	10.48	660.00	6.44
60.00	24.74	370.00	10.27	670.00	6.36
70.00	23.68	380.00	10.02	680.00	6.31
80.00	22.77	390.00	9.82	690.00	6.25
90.00	21.87	400.00	9.63	700.00	6.19
100.00	21.08	410.00	9.57	710.00	6.15
110.00	19.95	420.00	9.38	720.00	6.09
120.00	19.22	430.00	9.24	730.00	6.02
130.00	18.43	440.00	9.10	740.00	5.96
140.00	17.78	450.00	8.99	750.00	5.93
150.00	17.17	460.00	8.91	760.00	5.86
160.00	16.69	470.00	8.70	770.00	5.82
170.00	16.14	480.00	8.57	780.00	5.77
180.00	15.56	490.00	8.43	790.00	5.72
190.00	15.10	500.00	8.30	800.00	5.67
200.00	14.66	510.00	8.13	810.00	5.61
210.00	14.26	520.00	8.00	820.00	5.56
220.00	13.94	530.00	7.87		
230.00	13.67	540.00	7.71		
240.00	13.43	550.00	7.62		
250.00	13.08	560.00	7.46		
260.00	12.87	570.00	7.35		
270.00	12.55	580.00	7.23		
280.00	12.36	590.00	7.15		
290.00	12.13	600.00	7.07		
300.00	11.90				

Cruise: GULFCET 06
Latitude: 26° 18.16' N

Station: 03-030
Longitude: 94° 50.16' W

Probe Type: T-20
Date: 5-Sep-1993 Time: 2229

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.21	310.00	10.66	610.00	6.57	910.00	5.09
10.00	29.26	320.00	10.45	620.00	6.47	920.00	5.06
20.00	29.09	330.00	10.34	630.00	6.37	930.00	5.01
30.00	28.86	340.00	10.15	640.00	6.33	940.00	4.96
40.00	25.41	350.00	9.92	650.00	6.23	950.00	4.92
50.00	23.76	360.00	9.74	660.00	6.19	960.00	4.88
60.00	22.77	370.00	9.56	670.00	6.11	970.00	4.86
70.00	21.52	380.00	9.42	680.00	6.05	980.00	4.84
80.00	20.32	390.00	9.21	690.00	5.98	990.00	4.82
90.00	19.41	400.00	9.04	700.00	5.96		
100.00	18.68	410.00	8.91	710.00	5.91		
110.00	17.76	420.00	8.80	720.00	5.80		
120.00	17.03	430.00	8.69	730.00	5.76		
130.00	16.36	440.00	8.59	740.00	5.70		
140.00	15.95	450.00	8.39	750.00	5.64		
150.00	15.53	460.00	8.26	760.00	5.60		
160.00	15.03	470.00	8.10	770.00	5.57		
170.00	14.65	480.00	7.89	780.00	5.50		
180.00	14.21	490.00	7.76	790.00	5.45		
190.00	13.82	500.00	7.68	800.00	5.43		
200.00	13.57	510.00	7.54	810.00	5.40		
210.00	13.25	520.00	7.37	820.00	5.35		
220.00	12.96	530.00	7.28	830.00	5.30		
230.00	12.69	540.00	7.20	840.00	5.25		
240.00	12.40	550.00	7.08	850.00	5.23		
250.00	12.02	560.00	6.99	860.00	5.20		
260.00	11.82	570.00	6.87	870.00	5.19		
270.00	11.64	580.00	6.80	880.00	5.18		
280.00	11.39	590.00	6.73	890.00	5.16		
290.00	11.21	600.00	6.65	900.00	5.13		
300.00	10.91						

Cruise: GULFCET 06
Latitude: 26° 31.05' N

Station: 03-B11
Longitude: 94° 50.09' W

Probe Type: T-7
Date: 5-Sep-1993 Time: 2354

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.29	310.00	10.61	610.00	6.68
10.00	29.46	320.00	10.41	620.00	6.61
20.00	29.41	330.00	10.30	630.00	6.52
30.00	28.99	340.00	10.17	640.00	6.46
40.00	26.93	350.00	10.02	650.00	6.39
50.00	24.69	360.00	9.82	660.00	6.33
60.00	23.50	370.00	9.69	670.00	6.25
70.00	22.42	380.00	9.45	680.00	6.18
80.00	21.84	390.00	9.28	690.00	6.12
90.00	21.13	400.00	9.13	700.00	6.05
100.00	19.96	410.00	8.96	710.00	5.99
110.00	19.19	420.00	8.86	720.00	5.95
120.00	18.86	430.00	8.76	730.00	5.89
130.00	18.04	440.00	8.69	740.00	5.83
140.00	16.96	450.00	8.56	750.00	5.77
150.00	15.83	460.00	8.38	760.00	5.75
160.00	14.98	470.00	8.25	770.00	5.72
170.00	14.44	480.00	8.06	780.00	5.68
180.00	13.91	490.00	7.99	790.00	5.65
190.00	13.61	500.00	7.85	800.00	5.61
200.00	13.25	510.00	7.70	810.00	5.56
210.00	12.99	520.00	7.65		
220.00	12.74	530.00	7.57		
230.00	12.38	540.00	7.44		
240.00	12.15	550.00	7.33		
250.00	11.94	560.00	7.24		
260.00	11.63	570.00	7.06		
270.00	11.51	580.00	7.00		
280.00	11.24	590.00	6.88		
290.00	11.08	600.00	6.78		
300.00	10.90				

Cruise: GULFCET 06
Latitude: 26° 36.96' N

Station: 04-032
Longitude: 94° 10.03' W

Probe Type: T-20
Date: 5-Sep-1993 Time: 1515

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.83	310.00	11.94	610.00	7.12	910.00	5.18
10.00	29.86	320.00	11.74	620.00	7.03	920.00	5.11
20.00	29.86	330.00	11.56	630.00	6.91	930.00	5.01
30.00	29.82	340.00	11.27	640.00	6.78	940.00	4.94
40.00	29.20	350.00	11.00	650.00	6.69	950.00	4.89
50.00	27.25	360.00	10.70	660.00	6.66	960.00	4.85
60.00	24.76	370.00	10.51	670.00	6.58	970.00	4.81
70.00	23.83	380.00	10.40	680.00	6.46	980.00	4.79
80.00	22.90	390.00	10.26	690.00	6.35	990.00	4.76
90.00	22.39	400.00	10.09	700.00	6.27		
100.00	21.60	410.00	9.94	710.00	6.16		
110.00	20.90	420.00	9.78	720.00	6.08		
120.00	20.05	430.00	9.60	730.00	6.02		
130.00	19.42	440.00	9.39	740.00	5.94		
140.00	18.85	450.00	9.21	750.00	5.91		
150.00	18.46	460.00	9.06	760.00	5.85		
160.00	17.64	470.00	8.90	770.00	5.79		
170.00	17.33	480.00	8.72	780.00	5.79		
180.00	16.68	490.00	8.57	790.00	5.77		
190.00	16.04	500.00	8.41	800.00	5.67		
200.00	15.62	510.00	8.25	810.00	5.60		
210.00	15.19	520.00	8.14	820.00	5.53		
220.00	14.86	530.00	8.01	830.00	5.50		
230.00	14.47	540.00	7.90	840.00	5.48		
240.00	14.06	550.00	7.77	850.00	5.43		
250.00	13.56	560.00	7.63	860.00	5.39		
260.00	13.23	570.00	7.48	870.00	5.35		
270.00	12.96	580.00	7.32	880.00	5.32		
280.00	12.69	590.00	7.29	890.00	5.29		
290.00	12.55	600.00	7.26	900.00	5.22		
300.00	12.26						

Cruise: GULFCET 06
Latitude: 26° 46.61 N

Station: 04-033
Longitude: 94° 10.15' W

Probe Type: T-7
Date: 5-Sep-1993
Time: 1314

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.61	310.00	12.88
10.00	29.84	320.00	12.59
20.00	29.80	330.00	12.31
30.00	29.82	340.00	11.97
40.00	28.79	350.00	11.75
50.00	25.41	360.00	11.46
60.00	24.52	370.00	11.26
70.00	23.92	380.00	11.21
80.00	23.30	390.00	10.99
90.00	22.83	400.00	10.74
100.00	22.27	410.00	10.61
110.00	21.64	420.00	10.36
120.00	21.17		
130.00	19.80		
140.00	18.61		
150.00	18.07		
160.00	17.74		
170.00	17.35		
180.00	16.87		
190.00	16.54		
200.00	16.24		
210.00	15.81		
220.00	15.46		
230.00	15.21		
240.00	14.95		
250.00	14.56		
260.00	14.23		
270.00	13.82		
280.00	13.57		
290.00	13.38		
300.00	13.18		

Cruise: GULFCET 06
Latitude: 27° 30.00' N

Station: 04-037
Longitude: 94° 10.00' W

Probe Type: T-20
Date: 5-Sep-1993
Time: 0640

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.95	310.00	11.97	610.00	6.36	910.00	5.23
10.00	29.99	320.00	11.60	620.00	6.30	920.00	5.19
20.00	30.00	330.00	11.39	630.00	6.27	930.00	5.03
30.00	29.98	340.00	11.10	640.00	6.24		
40.00	29.89	350.00	10.92	650.00	6.21		
50.00	28.08	360.00	10.77	660.00	6.16		
60.00	25.34	370.00	10.62	670.00	6.15		
70.00	23.84	380.00	10.45	680.00	6.06		
80.00	22.51	390.00	10.30	690.00	6.00		
90.00	21.36	400.00	10.08	700.00	5.98		
100.00	20.49	410.00	9.92	710.00	5.97		
110.00	19.99	420.00	9.79	720.00	5.95		
120.00	19.37	430.00	9.59	730.00	5.91		
130.00	18.68	440.00	9.45	740.00	5.86		
140.00	18.12	450.00	9.16	750.00	5.82		
150.00	17.59	460.00	8.96	760.00	5.78		
160.00	17.20	470.00	8.82	770.00	5.74		
170.00	16.71	480.00	8.70	780.00	5.72		
180.00	16.06	490.00	8.43	790.00	5.67		
190.00	15.76	500.00	8.21	800.00	5.66		
200.00	15.26	510.00	7.90	810.00	5.59		
210.00	14.87	520.00	7.72	820.00	5.56		
220.00	14.43	530.00	7.46	830.00	5.53		
230.00	14.14	540.00	7.30	840.00	5.52		
240.00	13.92	550.00	7.19	850.00	5.47		
250.00	13.66	560.00	7.07	860.00	5.45		
260.00	13.44	570.00	6.93	870.00	5.40		
270.00	13.12	580.00	6.86	880.00	5.32		
280.00	12.82	590.00	6.71	890.00	5.28		
290.00	12.42	600.00	6.53	900.00	5.25		
300.00	12.17						

Cruise: GULFCET 06
Latitude: 27° 38.00' N

Station: 04-038
Longitude: 94° 10.00' W

Probe Type: T-7
Date: 5-Sep-1993 Time: 0537

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.85	310.00	11.42	610.00	6.63
10.00	29.92	320.00	11.12	620.00	6.50
20.00	29.92	330.00	10.81	630.00	6.38
30.00	30.01	340.00	10.65	640.00	6.33
40.00	29.16	350.00	10.46	650.00	6.27
50.00	28.01	360.00	10.30	660.00	6.23
60.00	24.68	370.00	10.20	670.00	6.21
70.00	23.19	380.00	10.02	680.00	6.19
80.00	22.16	390.00	9.79	690.00	6.15
90.00	21.02	400.00	9.42	700.00	6.14
100.00	19.95	410.00	9.01		
110.00	19.24	420.00	8.79		
120.00	18.42	430.00	8.63		
130.00	17.56	440.00	8.45		
140.00	17.01	450.00	8.21		
150.00	16.63	460.00	8.04		
160.00	16.18	470.00	7.91		
170.00	15.88	480.00	7.80		
180.00	15.54	490.00	7.71		
190.00	15.07	500.00	7.61		
200.00	14.69	510.00	7.52		
210.00	14.24	520.00	7.47		
220.00	13.86	530.00	7.41		
230.00	13.52	540.00	7.26		
240.00	13.26	550.00	7.14		
250.00	12.95	560.00	7.08		
260.00	12.74	570.00	7.01		
270.00	12.55	580.00	6.90		
280.00	12.27	590.00	6.79		
290.00	12.10	600.00	6.72		
300.00	11.90				

Cruise: GULFCET 06
Latitude: 27° 41.00' N

Station: 04-039
Longitude: 94° 10.01' W

Probe Type: T-7
Date: 5-Sep-1993 Time: 0512

Depth (m)	Temp. (°C)
0.00	29.72
10.00	29.74
20.00	29.75
30.00	29.83
40.00	29.21
50.00	26.67
60.00	24.04
70.00	22.62
80.00	21.63
90.00	20.86
100.00	19.96
110.00	18.82
120.00	18.01
130.00	17.39
140.00	16.96
150.00	16.61
160.00	15.99
170.00	15.58
180.00	15.21
190.00	14.79
200.00	14.49
210.00	14.04
220.00	13.75
230.00	13.35
240.00	12.76
250.00	12.35
260.00	12.29

Cruise: GULFCET 06
Latitude: 27° 44.00' N

Station: 04-040
Longitude: 94° 10.02' W

Probe Type: T-7
Date: 5-Sep-1993

Time: 0445

Depth (m)	Temp. (°C)
0.00	29.80
10.00	29.82
20.00	29.82
30.00	29.92
40.00	29.27
50.00	26.60
60.00	24.15
70.00	22.48
80.00	21.28
90.00	20.67
100.00	20.04
110.00	18.83
120.00	18.39
130.00	17.49
140.00	16.96
150.00	16.42
160.00	16.00
170.00	15.51
180.00	15.08
190.00	14.63
200.00	14.32
210.00	13.75
220.00	13.26
230.00	12.75
240.00	12.26
250.00	11.85
260.00	11.64
270.00	11.45
280.00	11.18
290.00	10.93
300.00	10.47

Cruise: GULFCET 06
Latitude: 27° 49.96' N

Station: 04-041
Longitude: 94° 10.02' W

Probe Type: T-10
Date: 5-Sep-1993

Time: 0400

Depth (m)	Temp. (°C)
0.00	29.54
10.00	29.62
20.00	29.62
30.00	29.63
40.00	28.31
50.00	25.66
60.00	23.88
70.00	22.71
80.00	21.14
90.00	20.18
100.00	19.31
110.00	18.62
120.00	17.83
130.00	16.88
140.00	16.39
150.00	16.04

Cruise: GULFCET 06
Latitude: 27° 06.00' N

Station: 04-B10
Longitude: 94° 09.97' W

Probe Type: T-7
Date: 5-Sep-1993 Time: 1041

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.84	310.00	12.61	610.00	7.45
10.00	29.91	320.00	12.30	620.00	7.55
20.00	29.36	330.00	12.14	630.00	7.20
30.00	29.30	340.00	11.90	640.00	6.96
40.00	28.70	350.00	11.54	650.00	6.92
50.00	27.22	360.00	11.30	660.00	6.70
60.00	25.15	370.00	11.06	670.00	6.67
70.00	24.37	380.00	10.79	680.00	6.62
80.00	23.51	390.00	10.69	690.00	6.62
90.00	22.58	400.00	10.57	700.00	6.49
100.00	21.90	410.00	10.38	710.00	6.41
110.00	21.58	420.00	10.19	720.00	6.34
120.00	21.22	430.00	10.04	730.00	5.96
130.00	20.08	440.00	10.00	740.00	5.94
140.00	19.14	450.00	9.93	750.00	5.99
150.00	18.51	460.00	9.72	760.00	5.89
160.00	17.76	470.00	9.21	770.00	5.94
170.00	17.29	480.00	9.21	780.00	5.87
180.00	16.45	490.00	9.10	790.00	5.83
190.00	16.15	500.00	9.00	800.00	5.76
200.00	15.84	510.00	8.88	810.00	5.62
210.00	15.55	520.00	8.75	820.00	5.55
220.00	15.28	530.00	8.64		
230.00	14.95	540.00	8.48		
240.00	14.80	550.00	8.06		
250.00	14.44	560.00	7.93		
260.00	13.72	570.00	7.83		
270.00	13.66	580.00	7.76		
280.00	13.01	590.00	7.49		
290.00	13.10	600.00	7.53		
300.00	12.86				

Cruise: GULFCET 06
Latitude: 27° 34.99' N

Station: 05-045
Longitude: 93° 29.46' W

Probe Type: T-7
Date: 4-Sep-1993 Time: 2011

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.68	310.00	10.75
10.00	29.35	320.00	10.37
20.00	29.32		
30.00	26.95		
40.00	24.51		
50.00	23.32		
60.00	22.41		
70.00	21.11		
80.00	19.13		
90.00	17.93		
100.00	15.21		
110.00	14.84		
120.00	14.57		
130.00	14.21		
140.00	13.97		
150.00	13.75		
160.00	13.47		
170.00	12.80		
180.00	12.69		
190.00	12.54		
200.00	12.07		
210.00	11.75		
220.00	11.66		
230.00	11.52		
240.00	11.39		
250.00	11.30		
260.00	11.16		
270.00	11.02		
280.00	10.95		
290.00	10.94		
300.00	10.92		

Cruise: GULFCET 06
Latitude: 27° 32.99' N

Station: 05-046
Longitude: 93° 30.01' W

Probe Type: T-7
Date: 4-Sep-1993

Time: 1955

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.66	310.00	10.18
10.00	29.33	320.00	10.04
20.00	29.28	330.00	9.99
30.00	26.91	340.00	9.84
40.00	24.34	350.00	9.74
50.00	23.23	360.00	9.58
60.00	22.33	370.00	9.41
70.00	21.14	380.00	9.22
80.00	19.48	390.00	9.13
90.00	17.72	400.00	9.05
100.00	15.85	410.00	8.96
110.00	15.19	420.00	8.76
120.00	14.60	430.00	8.64
130.00	14.23		
140.00	13.80		
150.00	13.50		
160.00	13.21		
170.00	12.91		
180.00	12.68		
190.00	12.43		
200.00	12.22		
210.00	12.06		
220.00	11.82		
230.00	11.57		
240.00	11.31		
250.00	11.09		
260.00	10.93		
270.00	10.80		
280.00	10.68		
290.00	10.55		
300.00	10.28		

Cruise: GULFCET 06
Latitude: 27° 21.00' N

Station: 05-048
Longitude: 93° 29.95' W

Probe Type: T-7
Date: 4-Sep-1993

Time: 1534

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	30.09	310.00	11.45	610.00	6.76
10.00	29.62	320.00	11.13	620.00	6.76
20.00	29.45	330.00	10.92	630.00	6.74
30.00	29.45	340.00	10.72	640.00	6.64
40.00	27.29	350.00	10.42	650.00	6.59
50.00	25.61	360.00	10.14	660.00	6.44
60.00	24.42	370.00	10.00	670.00	6.32
70.00	23.58	380.00	9.92	680.00	6.29
80.00	23.04	390.00	9.78		
90.00	21.90	400.00	9.58		
100.00	20.21	410.00	9.33		
110.00	18.79	420.00	9.04		
120.00	17.56	430.00	8.71		
130.00	16.93	440.00	8.58		
140.00	16.52	450.00	8.66		
150.00	16.10	460.00	8.49		
160.00	15.50	470.00	8.43		
170.00	15.11	480.00	8.38		
180.00	14.62	490.00	8.22		
190.00	14.44	500.00	8.10		
200.00	14.02	510.00	8.31		
210.00	13.82	520.00	7.98		
220.00	13.45	530.00	7.66		
230.00	13.19	540.00	7.54		
240.00	12.90	550.00	7.65		
250.00	12.74	560.00	7.54		
260.00	12.44	570.00	7.31		
270.00	12.34	580.00	7.24		
280.00	12.06	590.00	6.96		
290.00	11.89	600.00	6.85		
300.00	11.60				

Cruise: GULFCET 06
Latitude: 27° 05.98' N

Station: 05-049
Longitude: 93° 29.98' W

Probe Type: T-20
Date: 4-Sep-1993 Time: 1518

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.85	310.00	11.92	610.00	6.52
10.00	29.87	320.00	11.65	620.00	6.43
20.00	30.07	330.00	11.45	630.00	6.29
30.00	29.86	340.00	11.31	640.00	6.16
40.00	28.12	350.00	11.00	650.00	6.08
50.00	25.61	360.00	10.82	660.00	6.03
60.00	24.65	370.00	10.56	670.00	5.99
70.00	23.97	380.00	10.42	680.00	5.92
80.00	23.24	390.00	10.22	690.00	5.86
90.00	22.71	400.00	9.97	700.00	5.78
100.00	21.92	410.00	9.73	710.00	5.76
110.00	20.72	420.00	9.48	720.00	5.72
120.00	19.81	430.00	9.27	730.00	5.70
130.00	19.01	440.00	8.95	740.00	5.66
140.00	18.45	450.00	8.76	750.00	5.59
150.00	17.93	460.00	8.38	760.00	5.57
160.00	17.27	470.00	8.23	770.00	5.51
170.00	16.67	480.00	8.00	780.00	5.50
180.00	15.72	490.00	7.81	790.00	5.38
190.00	14.79	500.00	7.61	800.00	5.32
200.00	14.24	510.00	7.52	810.00	5.31
210.00	13.70	520.00	7.33	820.00	5.29
220.00	13.21	530.00	7.19	830.00	5.25
230.00	12.97	540.00	7.08	840.00	5.24
240.00	12.69	550.00	6.99	850.00	5.23
250.00	12.51	560.00	6.92	860.00	5.18
260.00	12.34	570.00	6.83	870.00	5.13
270.00	12.21	580.00	6.77	880.00	5.12
280.00	12.15	590.00	6.68		
290.00	12.03	600.00	6.62		
300.00	11.98				

Cruise: GULFCET 06
Latitude: 26° 43.00' N

Station: 05-051
Longitude: 93° 29.90' W

Probe Type: T-20
Date: 4-Sep-1993 Time: 1059

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.87	310.00	12.23	610.00	7.22	910.00	5.13
10.00	29.95	320.00	11.99	620.00	7.08	920.00	5.06
20.00	29.93	330.00	11.82	630.00	6.97	930.00	5.01
30.00	29.91	340.00	11.60	640.00	6.86	940.00	4.96
40.00	27.49	350.00	11.36	650.00	6.72	950.00	4.92
50.00	25.74	360.00	11.22	660.00	6.58	960.00	4.88
60.00	24.97	370.00	11.00	670.00	6.49	970.00	4.83
70.00	24.39	380.00	10.80	680.00	6.44	980.00	4.80
80.00	23.99	390.00	10.66	690.00	6.33	990.00	4.77
90.00	23.54	400.00	10.52	700.00	6.24		
100.00	23.06	410.00	10.35	710.00	6.15		
110.00	22.60	420.00	10.22	720.00	6.12		
120.00	22.32	430.00	10.08	730.00	6.07		
130.00	21.63	440.00	9.88	740.00	5.98		
140.00	21.07	450.00	9.77	750.00	5.96		
150.00	20.48	460.00	9.39	760.00	5.90		
160.00	19.53	470.00	9.19	770.00	5.81		
170.00	18.68	480.00	9.09	780.00	5.77		
180.00	17.91	490.00	8.96	790.00	5.72		
190.00	17.54	500.00	8.78	800.00	5.69		
200.00	16.46	510.00	8.54	810.00	5.64		
210.00	15.74	520.00	8.34	820.00	5.60		
220.00	15.32	530.00	8.17	830.00	5.53		
230.00	14.84	540.00	8.03	840.00	5.44		
240.00	14.54	550.00	7.87	850.00	5.38		
250.00	14.12	560.00	7.72	860.00	5.30		
260.00	13.76	570.00	7.60	870.00	5.26		
270.00	13.35	580.00	7.50	880.00	5.24		
280.00	12.87	590.00	7.49	890.00	5.20		
290.00	12.64	600.00	7.33	900.00	5.18		
300.00	12.45						

Cruise: GULFCET 06
Latitude: 26° 26.10' N

Station: 05-B09
Longitude: 93° 29.90' W

Probe Type: T-7
Date: 4-Sep-1993 Time: 0819

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.73	310.00	12.05	610.00	7.19
10.00	29.74	320.00	11.78	620.00	7.13
20.00	29.83	330.00	11.53	630.00	6.99
30.00	29.90	340.00	11.26	640.00	6.91
40.00	29.02	350.00	11.10	650.00	6.78
50.00	27.85	360.00	10.84	660.00	6.72
60.00	25.60	370.00	10.65	670.00	6.67
70.00	24.54	380.00	10.47	680.00	6.63
80.00	23.98	390.00	10.25	690.00	6.53
90.00	23.46	400.00	10.01	700.00	6.41
100.00	22.66	410.00	9.86	710.00	6.28
110.00	21.83	420.00	9.72	720.00	6.21
120.00	21.21	430.00	9.58	730.00	6.17
130.00	20.49	440.00	9.43	740.00	6.12
140.00	19.80	450.00	9.21	750.00	6.03
150.00	19.29	460.00	9.01	760.00	5.97
160.00	18.55	470.00	8.88	770.00	5.89
170.00	18.08	480.00	8.73	780.00	5.80
180.00	17.16	490.00	8.63	790.00	5.73
190.00	16.74	500.00	8.49	800.00	5.67
200.00	16.14	510.00	8.35	810.00	5.63
210.00	15.62	520.00	8.25	820.00	5.58
220.00	15.14	530.00	8.10		
230.00	14.77	540.00	7.94		
240.00	14.52	550.00	7.82		
250.00	14.18	560.00	7.72		
260.00	13.73	570.00	7.57		
270.00	13.41	580.00	7.43		
280.00	12.89	590.00	7.35		
290.00	12.50	600.00	7.29		
300.00	12.29				

Cruise: GULFCET 06
Latitude: 26° 52.24' N

Station: 06-056
Longitude: 92° 49.81' W

Probe Type: T-20
Date: 3-Sep-1993 Time: 1811

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.44	310.00	11.02	610.00	6.54	910.00	5.01
10.00	29.69	320.00	10.81	620.00	6.48	920.00	4.98
20.00	29.68	330.00	10.60	630.00	6.38	930.00	4.98
30.00	29.52	340.00	10.35	640.00	6.31	940.00	4.95
40.00	27.93	350.00	10.19	650.00	6.26	950.00	4.90
50.00	24.94	360.00	9.95	660.00	6.17	960.00	4.86
60.00	23.80	370.00	9.81	670.00	6.12	970.00	4.84
70.00	22.94	380.00	9.67	680.00	6.03	980.00	4.81
80.00	22.01	390.00	9.51	690.00	5.97	990.00	4.78
90.00	20.43	400.00	9.32	700.00	5.88		
100.00	18.37	410.00	9.18	710.00	5.83		
110.00	17.65	420.00	8.78	720.00	5.76		
120.00	16.92	430.00	8.64	730.00	5.74		
130.00	16.78	440.00	8.53	740.00	5.67		
140.00	16.30	450.00	8.38	750.00	5.62		
150.00	15.90	460.00	8.25	760.00	5.60		
160.00	15.45	470.00	8.07	770.00	5.54		
170.00	15.13	480.00	7.99	780.00	5.53		
180.00	14.72	490.00	7.85	790.00	5.47		
190.00	14.45	500.00	7.71	800.00	5.40		
200.00	14.22	510.00	7.62	810.00	5.37		
210.00	13.80	520.00	7.52	820.00	5.34		
220.00	13.48	530.00	7.38	830.00	5.29		
230.00	13.21	540.00	7.26	840.00	5.25		
240.00	12.85	550.00	7.15	850.00	5.21		
250.00	12.65	560.00	7.06	860.00	5.18		
260.00	12.27	570.00	6.96	870.00	5.15		
270.00	12.11	580.00	6.87	880.00	5.12		
280.00	11.89	590.00	6.73	890.00	5.10		
290.00	11.51	600.00	6.61	900.00	5.05		
300.00	11.24						

Cruise: GULFCET 06
Latitude: 27° 18.94' N

Station: 06-058
Longitude: 92° 49.93' W

Probe Type: T-20
Date: 3-Sep-1993 Time: 1434

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.65	310.00	10.59	610.00	6.33	910.00	5.13
10.00	29.72	320.00	10.37	620.00	6.30	920.00	5.11
20.00	29.07	330.00	10.14	630.00	6.28	930.00	5.08
30.00	27.44	340.00	9.97	640.00	6.22	940.00	5.07
40.00	25.12	350.00	9.75	650.00	6.17	950.00	5.05
50.00	23.74	360.00	9.51	660.00	6.14	960.00	4.95
60.00	22.53	370.00	9.36	670.00	6.09	970.00	4.79
70.00	21.60	380.00	9.22	680.00	6.03		
80.00	20.61	390.00	9.07	690.00	6.00		
90.00	19.42	400.00	8.95	700.00	5.94		
100.00	18.51	410.00	8.80	710.00	5.91		
110.00	17.81	420.00	8.60	720.00	5.82		
120.00	17.18	430.00	8.42	730.00	5.78		
130.00	16.45	440.00	8.21	740.00	5.70		
140.00	16.00	450.00	8.03	750.00	5.65		
150.00	15.52	460.00	7.94	760.00	5.60		
160.00	15.02	470.00	7.81	770.00	5.57		
170.00	14.61	480.00	7.72	780.00	5.54		
180.00	14.14	490.00	7.59	790.00	5.52		
190.00	13.72	500.00	7.49	800.00	5.48		
200.00	13.32	510.00	7.40	810.00	5.45		
210.00	13.00	520.00	7.22	820.00	5.41		
220.00	12.66	530.00	7.10	830.00	5.40		
230.00	12.25	540.00	6.95	840.00	5.39		
240.00	11.99	550.00	6.81	850.00	5.36		
250.00	11.69	560.00	6.68	860.00	5.32		
260.00	11.46	570.00	6.61	870.00	5.29		
270.00	11.28	580.00	6.51	880.00	5.25		
280.00	11.15	590.00	6.44	890.00	5.21		
290.00	10.99	600.00	6.37	900.00	5.20		
300.00	10.76						

Cruise: GULFCET 06
Latitude: 29° 34.12' N

Station: 06-060
Longitude: 92° 49.98' W

Probe Type: T-7
Date: 3-Sep-1993 Time: 1133

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.83	310.00	10.80	610.00	6.53
10.00	29.91	320.00	10.56	620.00	6.44
20.00	29.83	330.00	10.39	630.00	6.34
30.00	27.97	340.00	10.21	640.00	6.26
40.00	25.27	350.00	10.01	650.00	6.23
50.00	24.42	360.00	9.88	660.00	6.17
60.00	23.43	370.00	9.71	670.00	6.11
70.00	22.37	380.00	9.44	680.00	6.06
80.00	21.20	390.00	9.30	690.00	6.03
90.00	20.29	400.00	9.14	700.00	5.99
100.00	19.52	410.00	8.97		
110.00	18.70	420.00	8.76		
120.00	17.78	430.00	8.55		
130.00	17.10	440.00	8.41		
140.00	16.69	450.00	8.29		
150.00	16.22	460.00	8.10		
160.00	15.96	470.00	7.91		
170.00	15.42	480.00	7.84		
180.00	14.93	490.00	7.74		
190.00	14.50	500.00	7.67		
200.00	14.16	510.00	7.62		
210.00	13.76	520.00	7.50		
220.00	13.47	530.00	7.33		
230.00	13.10	540.00	7.15		
240.00	12.80	550.00	7.05		
250.00	12.55	560.00	6.97		
260.00	12.27	570.00	6.89		
270.00	11.94	580.00	6.81		
280.00	11.64	590.00	6.71		
290.00	11.37	600.00	6.60		
300.00	11.03				

Cruise: GULFCET 06
Latitude: 27° 41.05' N

Station: 06-061
Longitude: 92° 50.10' W

Probe Type: T-7
Date: 3-Sep-1993

Time: 1023

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.81	310.00	10.60
10.00	29.80		
20.00	29.80		
30.00	28.60		
40.00	25.74		
50.00	24.04		
60.00	23.37		
70.00	22.40		
80.00	21.29		
90.00	20.22		
100.00	19.31		
110.00	18.55		
120.00	18.13		
130.00	17.32		
140.00	16.22		
150.00	16.00		
160.00	15.43		
170.00	15.06		
180.00	14.75		
190.00	14.43		
200.00	14.00		
210.00	13.71		
220.00	13.40		
230.00	13.17		
240.00	12.86		
250.00	12.52		
260.00	12.21		
270.00	11.65		
280.00	11.05		
290.00	10.99		
300.00	10.77		

Cruise: GULFCET 06
Latitude: 27° 43.43' N

Station: 06-062
Longitude: 92° 50.10' W

Probe Type: T-7
Date: 3-Sep-1993

Time: 0955

Depth (m)	Temp. (°C)
0.00	29.84
10.00	29.85
20.00	29.85
30.00	28.91
40.00	25.89
50.00	24.52
60.00	23.70
70.00	22.70
80.00	21.51
90.00	19.98
100.00	19.23
110.00	18.65
120.00	17.69
130.00	17.06
140.00	16.44
150.00	15.84
160.00	15.41
170.00	15.03
180.00	14.72
190.00	14.46
200.00	14.17
210.00	13.90
220.00	13.30
230.00	12.75
240.00	11.98
250.00	11.67
260.00	11.40
270.00	11.24
280.00	11.18
290.00	10.92

Cruise: GULFCET 06
Latitude: 27° 55.05' N

Station: 06-063
Longitude: 92° 49.76' W

Probe Type: T-10
Date: 3-Sep-1993 Time: 0811

Depth (m)	Temp. (°C)
0.00	29.70
10.00	29.71
20.00	29.66
30.00	29.22
40.00	27.40
50.00	25.27
60.00	24.06
70.00	22.90
80.00	21.85
90.00	20.24
100.00	19.33
110.00	18.43
120.00	17.58
130.00	16.78
140.00	16.12
150.00	15.79
160.00	15.45
170.00	15.21
180.00	14.78

Cruise: GULFCET 06
Latitude: 27° 05.96' N

Station: 06-B07
Longitude: 92° 49.93' W

Probe Type: T-7
Date: 3-Sep-1993 Time: 1621

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.28	310.00	10.66	610.00	6.62
10.00	29.43	320.00	10.38	620.00	6.52
20.00	29.28	330.00	10.21	630.00	6.42
30.00	27.87	340.00	10.10	640.00	6.34
40.00	25.32	350.00	9.88	650.00	6.29
50.00	23.78	360.00	9.70	660.00	6.19
60.00	22.52	370.00	9.53	670.00	6.13
70.00	21.14	380.00	9.27	680.00	6.06
80.00	20.26	390.00	9.11	690.00	5.98
90.00	18.83	400.00	8.88	700.00	5.92
100.00	18.50	410.00	8.74	710.00	5.86
110.00	18.11	420.00	8.65	720.00	5.80
120.00	17.73	430.00	8.48	730.00	5.77
130.00	16.98	440.00	8.37	740.00	5.68
140.00	16.63	450.00	8.17	750.00	5.62
150.00	16.17	460.00	8.09	760.00	5.57
160.00	15.71	470.00	8.02	770.00	5.53
170.00	15.30	480.00	7.90	780.00	5.45
180.00	14.89	490.00	7.72	790.00	5.40
190.00	14.41	500.00	7.62	800.00	5.39
200.00	14.09	510.00	7.54	810.00	5.38
210.00	13.70	520.00	7.48	820.00	5.36
220.00	13.30	530.00	7.38		
230.00	12.95	540.00	7.26		
240.00	12.58	550.00	7.20		
250.00	12.17	560.00	7.05		
260.00	11.88	570.00	6.97		
270.00	11.63	580.00	6.89		
280.00	11.40	590.00	6.79		
290.00	11.14	600.00	6.72		
300.00	10.80				

Cruise: GULFCET 06
Latitude: 27° 53.00' N

Station: 07-066
Longitude: 92° 10.03' W

Probe Type: T-10
Date: 3-Sep-1993
Time: 0130

Depth (m)	Temp. (°C)
0.00	29.95
10.00	29.90
20.00	29.98
30.00	29.38
40.00	26.53
50.00	24.27
60.00	22.73
70.00	21.69
80.00	20.99
90.00	19.76
100.00	18.68
110.00	17.69
120.00	17.04
130.00	16.48
140.00	16.12
150.00	15.71
160.00	15.44
170.00	14.93
180.00	14.72
190.00	14.61
200.00	13.64
210.00	13.22

Cruise: GULFCET 06
Latitude: 27° 51.99' N

Station: 07-067
Longitude: 92° 10.03' W

Probe Type: T-7
Date: 3-Sep-1993
Time: 0121

Depth (m)	Temp. (°C)
0.00	29.90
10.00	29.88
20.00	29.91
30.00	28.97
40.00	26.64
50.00	24.08
60.00	22.13
70.00	21.56
80.00	20.17
90.00	19.33
100.00	18.35
110.00	17.63
120.00	16.88
130.00	16.26
140.00	15.88
150.00	15.66
160.00	15.43
170.00	15.01
180.00	14.29
190.00	14.01
200.00	13.56
210.00	13.13
220.00	12.87
230.00	12.36
240.00	12.06
250.00	11.93
260.00	11.67
270.00	11.41

Cruise: GULFCET 06
Latitude: 27° 44.97' N

Station: 07-068
Longitude: 92° 09.97' W

Probe Type: T-7
Date: 3-Sep-1993

Time: 0021

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.75	310.00	10.49
10.00	29.93	320.00	10.31
20.00	29.89	330.00	10.19
30.00	29.16	340.00	9.96
40.00	26.56	350.00	9.81
50.00	23.75	360.00	9.75
60.00	22.48	370.00	9.58
70.00	21.47	380.00	9.45
80.00	20.60	390.00	9.36
90.00	19.37	400.00	9.27
100.00	18.60	410.00	9.10
110.00	18.05	420.00	8.93
120.00	17.21	430.00	8.77
130.00	16.54	440.00	8.62
140.00	15.84	450.00	8.48
150.00	15.43	460.00	8.34
160.00	15.06	470.00	8.25
170.00	14.69	480.00	8.23
180.00	14.18		
190.00	13.92		
200.00	13.36		
210.00	13.10		
220.00	12.82		
230.00	12.68		
240.00	12.27		
250.00	12.00		
260.00	11.89		
270.00	11.51		
280.00	11.29		
290.00	10.95		
300.00	10.72		

Cruise: GULFCET 06
Latitude: 27° 36.99' N

Station: 07-069
Longitude: 92° 09.91' W

Probe Type: T-7
Date: 2-Sep-1993

Time: 2318

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	30.08	310.00	10.36	610.00	6.54
10.00	30.04	320.00	10.18	620.00	6.51
20.00	30.02	330.00	9.98	630.00	6.39
30.00	28.71	340.00	9.81	640.00	6.30
40.00	26.16	350.00	9.63	650.00	6.26
50.00	23.81	360.00	9.46	660.00	6.24
60.00	22.15	370.00	9.21	670.00	6.12
70.00	21.14	380.00	9.04	680.00	6.02
80.00	20.14	390.00	8.92	690.00	5.95
90.00	19.37	400.00	8.77		
100.00	18.83	410.00	8.51		
110.00	18.07	420.00	8.40		
120.00	16.98	430.00	8.28		
130.00	16.33	440.00	8.18		
140.00	15.58	450.00	7.96		
150.00	15.14	460.00	7.83		
160.00	14.79	470.00	7.65		
170.00	14.32	480.00	7.54		
180.00	13.96	490.00	7.38		
190.00	13.59	500.00	7.23		
200.00	13.14	510.00	7.13		
210.00	12.90	520.00	7.04		
220.00	12.64	530.00	7.02		
230.00	12.27	540.00	6.97		
240.00	11.99	550.00	6.94		
250.00	11.79	560.00	6.88		
260.00	11.51	570.00	6.79		
270.00	11.30	580.00	6.68		
280.00	11.16	590.00	6.63		
290.00	10.94	600.00	6.58		
300.00	10.66				

Cruise: GULFCET 06
Latitude: 27° 29.50' N

Station: 07-070
Longitude: 92° 09.93' W

Probe Type: T-20
Date: 2-Sep-1993 Time: 2238

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	30.10	310.00	10.08	610.00	6.29
10.00	30.17	320.00	9.91	620.00	6.27
20.00	29.98	330.00	9.74	630.00	6.20
30.00	29.03	340.00	9.59	640.00	6.13
40.00	25.97	350.00	9.41	650.00	6.05
50.00	23.63	360.00	9.27	660.00	5.93
60.00	22.18	370.00	9.06	670.00	5.84
70.00	21.06	380.00	8.92	680.00	5.81
80.00	20.25	390.00	8.65	690.00	5.75
90.00	19.19	400.00	8.53	700.00	5.67
100.00	18.33	410.00	8.50	710.00	5.62
110.00	17.57	420.00	8.42	720.00	5.56
120.00	16.95	430.00	8.28	730.00	5.54
130.00	16.45	440.00	8.15	740.00	5.48
140.00	15.92	450.00	8.03	750.00	5.44
150.00	15.48	460.00	7.91		
160.00	14.80	470.00	7.78		
170.00	14.33	480.00	7.64		
180.00	13.80	490.00	7.48		
190.00	13.41	500.00	7.37		
200.00	13.03	510.00	7.19		
210.00	12.54	520.00	7.08		
220.00	12.32	530.00	6.99		
230.00	12.04	540.00	6.91		
240.00	11.80	550.00	6.80		
250.00	11.58	560.00	6.70		
260.00	11.26	570.00	6.61		
270.00	11.11	580.00	6.52		
280.00	10.79	590.00	6.41		
290.00	10.62	600.00	6.35		
300.00	10.34				

Cruise: GULFCET 06
Latitude: 27° 10.03' N

Station: 07-072
Longitude: 92° 10.11' W

Probe Type: T-20
Date: 2-Sep-1993 Time: 1851

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	30.43	310.00	9.36	610.00	5.81	910.00	4.81
10.00	30.19	320.00	9.07	620.00	5.79	920.00	4.75
20.00	30.10	330.00	8.90	630.00	5.73	930.00	4.74
30.00	29.94	340.00	8.76	640.00	5.70	940.00	4.72
40.00	28.42	350.00	8.64	650.00	5.67	950.00	4.70
50.00	26.17	360.00	8.41	660.00	5.62	960.00	4.68
60.00	23.38	370.00	8.20	670.00	5.60	970.00	4.67
70.00	22.31	380.00	8.07	680.00	5.58	980.00	4.63
80.00	21.59	390.00	7.96	690.00	5.55	990.00	4.62
90.00	20.29	400.00	7.88	700.00	5.51		
100.00	19.42	410.00	7.74	710.00	5.49		
110.00	18.69	420.00	7.50	720.00	5.38		
120.00	17.66	430.00	7.35	730.00	5.33		
130.00	16.96	440.00	7.25	740.00	5.28		
140.00	16.39	450.00	7.15	750.00	5.23		
150.00	15.84	460.00	7.01	760.00	5.20		
160.00	15.12	470.00	6.87	770.00	5.18		
170.00	14.59	480.00	6.77	780.00	5.15		
180.00	14.01	490.00	6.74	790.00	5.10		
190.00	13.46	500.00	6.65	800.00	5.05		
200.00	12.98	510.00	6.55	810.00	5.03		
210.00	12.54	520.00	6.51	820.00	5.00		
220.00	12.02	530.00	6.46	830.00	4.98		
230.00	11.50	540.00	6.36	840.00	4.95		
240.00	11.16	550.00	6.21	850.00	4.93		
250.00	10.90	560.00	6.08	860.00	4.91		
260.00	10.71	570.00	6.02	870.00	4.88		
270.00	10.42	580.00	5.97	880.00	4.87		
280.00	10.09	590.00	5.92	890.00	4.82		
290.00	9.76	600.00	5.86	900.00	4.81		
300.00	9.57						

Cruise: GULFCET 06
Latitude: 26° 31.00' N

Station: 07-B06
Longitude: 92° 10.00' W

Probe Type: T-7
Date: 2-Sep-1993 Time: 1125

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	30.05	310.00	11.80	610.00	6.92
10.00	29.92	320.00	11.58	620.00	6.78
20.00	29.92	330.00	11.39	630.00	6.66
30.00	29.83	340.00	11.17	640.00	6.55
40.00	29.48	350.00	10.95	650.00	6.43
50.00	27.35	360.00	10.73	660.00	6.33
60.00	25.20	370.00	10.52	670.00	6.29
70.00	24.35	380.00	10.34	680.00	6.22
80.00	23.86	390.00	10.17	690.00	6.12
90.00	23.15	400.00	9.97	700.00	6.06
100.00	22.55	410.00	9.81	710.00	6.01
110.00	22.09	420.00	9.64	720.00	5.94
120.00	21.31	430.00	9.49	730.00	5.90
130.00	20.16	440.00	9.29	740.00	5.86
140.00	19.55	450.00	9.14	750.00	5.81
150.00	18.59	460.00	8.96	760.00	5.78
160.00	18.01	470.00	8.84	770.00	5.71
170.00	17.44	480.00	8.68	780.00	5.65
180.00	17.10	490.00	8.54	790.00	5.59
190.00	16.55	500.00	8.41	800.00	5.54
200.00	16.19	510.00	8.31	810.00	5.48
210.00	15.78	520.00	8.13		
220.00	15.37	530.00	7.97		
230.00	14.88	540.00	7.81		
240.00	14.44	550.00	7.77		
250.00	14.00	560.00	7.59		
260.00	13.50	570.00	7.34		
270.00	13.15	580.00	7.29		
280.00	12.85	590.00	7.16		
290.00	12.54	600.00	7.02		
300.00	12.23				

Cruise: GULFCET 06
Latitude: 26° 47.71' N

Station: 07-EX7
Longitude: 92° 07.61' W

Probe Type: T-7
Date: 2-Sep-1993 Time: 1525

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	30.16	310.00	10.47	610.00	6.17
10.00	29.86	320.00	10.19	620.00	6.11
20.00	29.76	330.00	10.01	630.00	6.04
30.00	29.72	340.00	9.72	640.00	5.96
40.00	29.28	350.00	9.49	650.00	5.89
50.00	27.65	360.00	9.23	660.00	5.84
60.00	24.97	370.00	9.03	670.00	5.77
70.00	24.08	380.00	8.87	680.00	5.89
80.00	23.59	390.00	8.69	690.00	5.62
90.00	22.95	400.00	8.54	700.00	5.57
100.00	22.32	410.00	8.44	710.00	5.54
110.00	21.80	420.00	8.24	720.00	5.52
120.00	20.97	430.00	8.13	730.00	5.47
130.00	19.84	440.00	8.00	740.00	5.42
140.00	18.75	450.00	7.91	750.00	5.35
150.00	18.01	460.00	7.78	760.00	5.34
160.00	17.36	470.00	7.61	770.00	5.27
170.00	16.43	480.00	7.48	780.00	5.24
180.00	15.77	490.00	7.34	790.00	5.21
190.00	15.30	500.00	7.20	800.00	5.18
200.00	14.58	510.00	7.08	810.00	5.15
210.00	13.91	520.00	7.02		
220.00	13.38	530.00	6.95		
230.00	12.72	540.00	6.84		
240.00	12.41	550.00	6.71		
250.00	12.02	560.00	6.57		
260.00	11.78	570.00	6.50		
270.00	11.52	580.00	6.42		
280.00	11.21	590.00	6.35		
290.00	11.11	600.00	6.28		
300.00	10.78				

Cruise: GULFCET 06
Latitude: 27° 32.93' N

Station: 08-081
Longitude: 91° 30.28' W

Probe Type: T-20
Date: 1-Sep-1993 Time: 1755

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	30.03	310.00	10.80	610.00	6.52
10.00	30.03	320.00	10.63	620.00	6.44
20.00	29.82	330.00	10.43	630.00	6.34
30.00	28.02	340.00	10.34	640.00	6.28
40.00	25.62	350.00	10.17	650.00	6.22
50.00	23.65	360.00	9.86	660.00	6.13
60.00	22.25	370.00	9.68	670.00	6.04
70.00	21.45	380.00	9.55	680.00	6.01
80.00	20.25	390.00	9.36	690.00	5.97
90.00	19.19	400.00	9.17	700.00	5.89
100.00	18.08	410.00	9.03	710.00	5.79
110.00	17.68	420.00	8.84	720.00	5.69
120.00	16.91	430.00	8.70	730.00	5.63
130.00	16.21	440.00	8.49	740.00	5.55
140.00	15.82	450.00	8.31	750.00	5.47
150.00	15.45	460.00	8.10	760.00	5.44
160.00	15.14	470.00	7.96	770.00	5.42
170.00	14.63	480.00	7.88	780.00	5.36
180.00	14.22	490.00	7.70	790.00	5.33
190.00	13.87	500.00	7.56	800.00	5.31
200.00	13.49	510.00	7.47	810.00	5.21
210.00	13.22	520.00	7.30	820.00	5.06
220.00	12.92	530.00	7.23	830.00	5.05
230.00	12.55	540.00	7.09		
240.00	12.31	550.00	6.98		
250.00	12.05	560.00	6.86		
260.00	11.73	570.00	6.77		
270.00	11.56	580.00	6.71		
280.00	11.41	590.00	6.67		
290.00	11.20	600.00	6.59		
300.00	11.04				

Cruise: GULFCET 06
Latitude: 27° 45.53' N

Station: 08-082
Longitude: 91° 30.00' W

Probe Type: T-7
Date: 1-Sep-1993 Time: 1633

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	30.01	310.00	10.59	610.00	6.56
10.00	30.00	320.00	10.38	620.00	6.52
20.00	29.96	330.00	10.21	630.00	6.49
30.00	28.86	340.00	9.75	640.00	6.43
40.00	25.96	350.00	9.48	650.00	6.37
50.00	23.94	360.00	9.27	660.00	6.34
60.00	22.33	370.00	9.07	670.00	6.27
70.00	20.92	380.00	8.93	680.00	6.25
80.00	19.98	390.00	8.86	690.00	6.18
90.00	18.94	400.00	8.72	700.00	6.13
100.00	18.40	410.00	8.54		
110.00	17.86	420.00	8.35		
120.00	17.33	430.00	8.24		
130.00	16.70	440.00	8.13		
140.00	16.22	450.00	7.86		
150.00	15.66	460.00	7.79		
160.00	15.30	470.00	7.74		
170.00	14.65	480.00	7.62		
180.00	14.18	490.00	7.59		
190.00	13.93	500.00	7.41		
200.00	13.52	510.00	7.32		
210.00	13.19	520.00	7.19		
220.00	12.79	530.00	7.12		
230.00	12.54	540.00	7.09		
240.00	12.42	550.00	7.01		
250.00	12.09	560.00	6.95		
260.00	11.85	570.00	6.83		
270.00	11.48	580.00	6.77		
280.00	11.23	590.00	6.69		
290.00	10.98	600.00	6.62		
300.00	10.71				

Cruise: GULFCET 06
Latitude: 27° 49.50' N

Station: 08-083
Longitude: 91° 30.00' W

Probe Type: T-7
Date: 1-Sep-1993

Time: 1548

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	30.06	310.00	10.27
10.00	29.99	320.00	9.99
20.00	30.00	330.00	9.84
30.00	29.54	340.00	9.57
40.00	27.33	350.00	9.49
50.00	24.37	360.00	9.41
60.00	22.77		
70.00	21.72		
80.00	20.69		
90.00	19.45		
100.00	18.79		
110.00	18.09		
120.00	17.39		
130.00	16.97		
140.00	16.53		
150.00	15.87		
160.00	15.34		
170.00	14.48		
180.00	14.01		
190.00	13.63		
200.00	13.32		
210.00	12.90		
220.00	12.60		
230.00	12.12		
240.00	11.99		
250.00	11.71		
260.00	11.49		
270.00	11.26		
280.00	11.04		
290.00	10.79		
300.00	10.49		

Cruise: GULFCET 06
Latitude: 27° 52.00' N

Station: 08-084
Longitude: 91° 30.00' W

Probe Type: T-7
Date: 1-Sep-1993

Time: 1531

Depth (m)	Temp. (°C)
0.00	29.92
10.00	29.90
20.00	29.94
30.00	29.59
40.00	26.86
50.00	23.68
60.00	22.40
70.00	21.17
80.00	20.41
90.00	19.43
100.00	18.69
110.00	18.19
120.00	17.54
130.00	16.97
140.00	16.44
150.00	15.31
160.00	14.65
170.00	14.11
180.00	13.69
190.00	13.36
200.00	13.18
210.00	13.10
220.00	12.89
230.00	12.83
240.00	12.51
250.00	12.23

Cruise: GULFCET 06
Latitude: 27° 52.99' N

Station: 08-085
Longitude: 91° 29.94' W

Probe Type: T-10
Date: 1-Sep-1993 Time: 1525

Depth (m)	Temp. (°C)
0.00	29.84
10.00	29.86
20.00	29.90
30.00	29.49
40.00	26.64
50.00	23.86
60.00	22.59
70.00	21.16
80.00	20.33
90.00	19.53
100.00	18.85
110.00	18.04
120.00	17.25
130.00	16.84
140.00	16.55
150.00	15.45
160.00	14.72
170.00	14.31
180.00	13.84
190.00	13.57
200.00	13.50

Cruise: GULFCET 06
Latitude: 26° 59.98' N

Station: 08-B05
Longitude: 91° 30.00' W

Probe Type: T-7
Date: 1-Sep-1993 Time: 2327

Depth (m)	Temp. (°C)
0.00	29.87
10.00	29.86
20.00	29.85
30.00	29.76
40.00	28.52
50.00	25.56
60.00	24.04
70.00	22.79
80.00	21.77
90.00	20.50
100.00	19.67
110.00	19.12
120.00	18.49
130.00	17.67
140.00	16.81
150.00	16.43
160.00	16.02
170.00	15.70
180.00	15.36
190.00	14.90
200.00	14.52
210.00	14.21
220.00	13.94
230.00	13.62
240.00	13.24
250.00	13.00
260.00	12.72
270.00	12.48
280.00	12.20
290.00	11.85
300.00	11.64

Depth (m)	Temp. (°C)
310.00	11.35
320.00	11.03
330.00	10.77
340.00	10.63
350.00	10.48
360.00	10.25
370.00	9.93
380.00	9.67
390.00	9.46
400.00	9.24
410.00	9.04
420.00	8.87
430.00	8.68
440.00	8.56
450.00	8.51
460.00	8.22
470.00	8.07
480.00	7.90
490.00	7.82
500.00	7.72
510.00	7.61
520.00	7.48
530.00	7.35
540.00	7.21
550.00	7.14
560.00	7.08
570.00	6.96
580.00	6.85
590.00	6.75
600.00	6.69

Depth (m)	Temp. (°C)
610.00	6.58
620.00	6.49
630.00	6.41
640.00	6.38
650.00	6.35
660.00	6.25
670.00	6.18
680.00	6.10
690.00	6.01
700.00	5.92
710.00	5.88
720.00	5.85
730.00	5.81
740.00	5.75
750.00	5.67
760.00	5.63
770.00	5.59
780.00	5.53
790.00	5.47
800.00	5.42
810.00	5.38
820.00	5.34

Cruise: GULFCET 06
Latitude: 28° 02.52' N

Station: 09-088
Longitude: 90° 50.06' W

Probe Type: T-10
Date: 1-Sep-1993

Time: 0840

Depth (m)	Temp. (°C)
0.00	29.55
10.00	30.02
20.00	29.96
30.00	29.86
40.00	27.90
50.00	24.28
60.00	23.15
70.00	21.30
80.00	20.51
90.00	19.70
100.00	19.23
110.00	18.07
120.00	17.40
130.00	17.01
140.00	16.54
150.00	15.90
160.00	15.26
170.00	15.10
180.00	14.90
190.00	14.48

Cruise: GULFCET 06
Latitude: 28° 00.00' N

Station: 09-089
Longitude: 90° 50.00' W

Probe Type: T-7
Date: 1-Sep-1993

Time: 0723

Depth (m)	Temp. (°C)
0.00	29.66
10.00	30.05
20.00	30.04
30.00	29.79
40.00	28.21
50.00	25.06
60.00	22.28
70.00	21.16
80.00	20.19
90.00	19.53
100.00	18.76
110.00	18.04
120.00	17.50
130.00	16.89
140.00	16.51
150.00	16.13
160.00	15.43
170.00	14.65
180.00	14.20
190.00	13.79
200.00	13.57
210.00	13.38
220.00	13.12
230.00	12.61
240.00	12.33
250.00	11.99
260.00	11.37
270.00	10.73
280.00	10.50
290.00	10.22
300.00	9.99

Depth (m)	Temp. (°C)
310.00	9.75
320.00	9.61

Cruise: GULFCET 06
Latitude: 27° 52.00' N

Station: 09-090
Longitude: 90° 49.99' W

Probe Type: T-7
Date: 1-Sep-1993
Time: 0614

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	30.07	310.00	10.45
10.00	30.07	320.00	10.13
20.00	30.07	330.00	9.96
30.00	29.47	340.00	9.71
40.00	27.94	350.00	9.60
50.00	25.64	360.00	9.48
60.00	23.77	370.00	9.32
70.00	21.73	380.00	9.03
80.00	20.73	390.00	8.72
90.00	19.52	400.00	8.51
100.00	19.14	410.00	8.41
110.00	18.29	420.00	8.40
120.00	17.58		
130.00	16.70		
140.00	16.03		
150.00	15.50		
160.00	15.19		
170.00	14.72		
180.00	14.49		
190.00	14.08		
200.00	13.69		
210.00	13.20		
220.00	12.85		
230.00	12.51		
240.00	12.32		
250.00	12.04		
260.00	11.71		
270.00	11.41		
280.00	11.14		
290.00	10.85		
300.00	10.59		

Cruise: GULFCET 06
Latitude: 27° 39.49' N

Station: 09-092
Longitude: 90° 50.08' W

Probe Type: T-7
Date: 1-Sep-1993
Time: 0425

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.91	310.00	10.96	610.00	6.63
10.00	29.91	320.00	10.66	620.00	6.56
20.00	29.92	330.00	10.40	630.00	6.50
30.00	29.05	340.00	10.15	640.00	6.43
40.00	26.67	350.00	9.89	650.00	6.35
50.00	24.59	360.00	9.68	660.00	6.32
60.00	22.85	370.00	9.43	670.00	6.19
70.00	21.67	380.00	9.26	680.00	6.17
80.00	20.27	390.00	9.12	690.00	6.14
90.00	19.43	400.00	8.96	700.00	6.11
100.00	18.81	410.00	8.76	710.00	6.06
110.00	17.92	420.00	8.57	720.00	6.03
120.00	17.47	430.00	8.54	730.00	5.98
130.00	16.83	440.00	8.57	740.00	5.88
140.00	16.17	450.00	8.43	750.00	5.80
150.00	15.64	460.00	8.21	760.00	5.72
160.00	15.23	470.00	8.03	770.00	5.69
170.00	14.74	480.00	7.88	780.00	5.67
180.00	14.37	490.00	7.77	790.00	5.63
190.00	14.09	500.00	7.68	800.00	5.55
200.00	13.68	510.00	7.58	810.00	5.49
210.00	13.40	520.00	7.47	820.00	5.46
220.00	13.10	530.00	7.30		
230.00	12.94	540.00	7.24		
240.00	12.70	550.00	7.13		
250.00	12.38	560.00	7.04		
260.00	12.12	570.00	6.91		
270.00	11.86	580.00	6.84		
280.00	11.65	590.00	6.75		
290.00	11.46	600.00	6.69		
300.00	11.15				

Cruise: GULFCET 06
Latitude: 27° 16.00' N

Station: 09-094
Longitude: 90° 49.98' W

Probe Type: T-20
Date: 1-Sep-1993

Time: 0014

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	30.02	310.00	11.26	610.00	6.66	910.00	5.02
10.00	30.01	320.00	11.11	620.00	6.56	920.00	4.99
20.00	29.93	330.00	10.92	630.00	6.50	930.00	4.95
30.00	29.75	340.00	10.73	640.00	6.44	940.00	4.92
40.00	28.54	350.00	10.51	650.00	6.34	950.00	4.88
50.00	25.79	360.00	10.33	660.00	6.31	960.00	4.82
60.00	23.52	370.00	10.17	670.00	6.24	970.00	4.78
70.00	22.37	380.00	9.98	680.00	6.19	980.00	4.77
80.00	21.45	390.00	9.77	690.00	6.12	990.00	4.74
90.00	21.01	400.00	9.36	700.00	6.04		
100.00	19.51	410.00	9.22	710.00	6.02		
110.00	18.74	420.00	9.03	720.00	5.94		
120.00	18.05	430.00	8.87	730.00	5.92		
130.00	17.33	440.00	8.70	740.00	5.85		
140.00	16.59	450.00	8.51	750.00	5.81		
150.00	16.24	460.00	8.36	760.00	5.76		
160.00	15.82	470.00	8.23	770.00	5.71		
170.00	15.47	480.00	8.02	780.00	5.66		
180.00	15.01	490.00	7.98	790.00	5.57		
190.00	14.70	500.00	7.91	800.00	5.55		
200.00	14.37	510.00	7.77	810.00	5.50		
210.00	14.09	520.00	7.71	820.00	5.48		
220.00	13.69	530.00	7.58	830.00	5.42		
230.00	13.37	540.00	7.49	840.00	5.39		
240.00	13.09	550.00	7.42	850.00	5.31		
250.00	12.62	560.00	7.25	860.00	5.27		
260.00	12.32	570.00	7.08	870.00	5.22		
270.00	12.00	580.00	6.99	880.00	5.19		
280.00	11.82	590.00	6.89	890.00	5.10		
290.00	11.66	600.00	6.76	900.00	5.06		
300.00	11.56						

Cruise: GULFCET 06
Latitude: 26° 59.96' N

Station: 09-B04
Longitude: 90° 50.05' W

Probe Type: T-7
Date: 31-Aug-1993

Time: 2202

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.94	310.00	11.42	610.00	6.83
10.00	29.98	320.00	11.27	620.00	6.74
20.00	29.90	330.00	10.95	630.00	6.63
30.00	29.73	340.00	10.70	640.00	6.52
40.00	28.34	350.00	10.57	650.00	6.44
50.00	26.05	360.00	10.41	660.00	6.29
60.00	24.58	370.00	10.13	670.00	6.25
70.00	24.00	380.00	9.97	680.00	6.13
80.00	22.63	390.00	9.81	690.00	6.08
90.00	21.61	400.00	9.70	700.00	6.03
100.00	20.67	410.00	9.46	710.00	5.89
110.00	20.22	420.00	9.27	720.00	5.86
120.00	19.02	430.00	9.15	730.00	5.82
130.00	18.37	440.00	8.98	740.00	5.73
140.00	17.78	450.00	8.82	750.00	5.66
150.00	17.04	460.00	8.62	760.00	5.64
160.00	16.64	470.00	8.44	770.00	5.61
170.00	16.35	480.00	8.34	780.00	5.59
180.00	16.18	490.00	8.23	790.00	5.54
190.00	15.86	500.00	8.08	800.00	5.47
200.00	15.49	510.00	7.96	810.00	5.41
210.00	15.14	520.00	7.83	820.00	5.37
220.00	14.85	530.00	7.66		
230.00	14.43	540.00	7.54		
240.00	13.96	550.00	7.44		
250.00	13.63	560.00	7.35		
260.00	13.18	570.00	7.24		
270.00	12.75	580.00	7.09		
280.00	12.36	590.00	7.04		
290.00	12.05	600.00	6.93		
300.00	11.79				

Cruise: GULFCET 06
Latitude: 28° 49.43' N

Station: 09-EX6
Longitude: 90° 47.27' W

Probe Type: T-7
Date: 31-Aug-1993 Time: 1800

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	30.11	310.00	11.91	610.00	6.97
10.00	29.96	320.00	11.71	620.00	6.76
20.00	29.80	330.00	11.43	630.00	6.64
30.00	29.80	340.00	11.22	640.00	6.54
40.00	29.24	350.00	10.91	650.00	6.46
50.00	27.74	360.00	10.73	660.00	6.31
60.00	25.70	370.00	10.52	670.00	6.19
70.00	24.37	380.00	10.21	680.00	6.15
80.00	23.11	390.00	10.01	690.00	6.09
90.00	22.06	400.00	9.85	700.00	6.02
100.00	21.30	410.00	9.75	710.00	5.99
110.00	20.40	420.00	9.54	720.00	5.93
120.00	19.34	430.00	9.34	730.00	5.89
130.00	18.30	440.00	9.15	740.00	5.83
140.00	18.16	450.00	8.97	750.00	5.81
150.00	17.93	460.00	8.82	760.00	5.77
160.00	17.15	470.00	8.77	770.00	5.71
170.00	16.54	480.00	8.60	780.00	5.68
180.00	15.99	490.00	8.49	790.00	5.65
190.00	15.59	500.00	8.38	800.00	5.60
200.00	15.34	510.00	8.25	810.00	5.53
210.00	14.88	520.00	8.14	820.00	5.48
220.00	14.59	530.00	7.93		
230.00	14.24	540.00	7.82		
240.00	13.88	550.00	7.69		
250.00	13.56	560.00	7.54		
260.00	13.22	570.00	7.45		
270.00	12.89	580.00	7.38		
280.00	12.59	590.00	7.18		
290.00	12.27	600.00	7.09		
300.00	12.12				

Cruise: GULFCET 06
Latitude: 27° 11.48' N

Station: 10-098
Longitude: 90° 10.03' W

Probe Type: T-7
Date: 31-Aug-1993 Time: 1325

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	30.19	310.00	10.58	610.00	6.35
10.00	30.02	320.00	10.34	620.00	6.30
20.00	29.88	330.00	10.23	630.00	6.21
30.00	28.49	340.00	9.99	640.00	6.13
40.00	25.99	350.00	9.70	650.00	6.06
50.00	23.68	360.00	9.56	660.00	6.02
60.00	21.92	370.00	9.41	670.00	5.93
70.00	21.04	380.00	9.28	680.00	5.89
80.00	19.67	390.00	9.05	690.00	5.85
90.00	18.47	400.00	8.88	700.00	5.78
100.00	17.85	410.00	8.71	710.00	5.72
110.00	17.57	420.00	8.48	720.00	5.67
120.00	16.99	430.00	8.38	730.00	5.65
130.00	16.52	440.00	8.23	740.00	5.62
140.00	15.99	450.00	8.11	750.00	5.55
150.00	15.58	460.00	7.98	760.00	5.50
160.00	15.12	470.00	7.94	770.00	5.46
170.00	14.80	480.00	7.79	780.00	5.42
180.00	14.32	490.00	7.66	790.00	5.38
190.00	13.86	500.00	7.60	800.00	5.34
200.00	13.48	510.00	7.48	810.00	5.32
210.00	13.18	520.00	7.34	820.00	5.26
220.00	12.87	530.00	7.11		
230.00	12.70	540.00	7.00		
240.00	12.32	550.00	6.87		
250.00	11.97	560.00	6.78		
260.00	11.84	570.00	6.72		
270.00	11.45	580.00	6.64		
280.00	11.19	590.00	6.51		
290.00	11.03	600.00	6.47		
300.00	10.81				

Cruise: GULFCET 06
Latitude: 27° 40.00' N

Station: 10-099
Longitude: 90° 10.00' W

Probe Type: T-20
Date: 31-Aug-1993 Time: 0930

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.81	310.00	11.45	610.00	7.01	910.00	5.20
10.00	29.66	320.00	11.17	620.00	6.89	920.00	5.15
20.00	28.89	330.00	11.04	630.00	6.84	930.00	5.12
30.00	26.44	340.00	10.85	640.00	6.78	940.00	5.11
40.00	25.54	350.00	10.52	650.00	6.68		
50.00	23.92	360.00	10.29	660.00	6.55		
60.00	22.94	370.00	10.19	670.00	6.48		
70.00	22.66	380.00	10.10	680.00	6.41		
80.00	21.16	390.00	9.92	690.00	6.32		
90.00	19.93	400.00	9.89	700.00	6.24		
100.00	19.56	410.00	9.75	710.00	6.17		
110.00	19.03	420.00	9.50	720.00	6.08		
120.00	18.24	430.00	9.37	730.00	6.02		
130.00	17.85	440.00	9.24	740.00	5.92		
140.00	17.13	450.00	9.07	750.00	5.88		
150.00	16.81	460.00	8.87	760.00	5.87		
160.00	16.31	470.00	8.73	770.00	5.84		
170.00	16.09	480.00	8.62	780.00	5.83		
180.00	15.59	490.00	8.51	790.00	5.75		
190.00	15.17	500.00	8.35	800.00	5.72		
200.00	14.79	510.00	8.17	810.00	5.66		
210.00	14.49	520.00	8.04	820.00	5.64		
220.00	14.15	530.00	7.91	830.00	5.62		
230.00	13.87	540.00	7.74	840.00	5.58		
240.00	13.62	550.00	7.63	850.00	5.56		
250.00	13.27	560.00	7.50	860.00	5.50		
260.00	12.83	570.00	7.38	870.00	5.32		
270.00	12.56	580.00	7.31	880.00	5.30		
280.00	12.05	590.00	7.24	890.00	5.24		
290.00	11.77	600.00	7.16	900.00	5.21		
300.00	11.57						

Cruise: GULFCET 06
Latitude: 27° 50.00' N

Station: 10-101
Longitude: 90° 09.95' W

Probe Type: T-7
Date: 31-Aug-1993 Time: 0712

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.78	310.00	11.10
10.00	29.78	320.00	10.85
20.00	29.60	330.00	10.63
30.00	28.24	340.00	10.43
40.00	26.03	350.00	10.20
50.00	24.90	360.00	9.95
60.00	23.57	370.00	9.80
70.00	22.54	380.00	9.56
80.00	21.07	390.00	9.48
90.00	20.10	400.00	9.28
100.00	19.40	410.00	9.16
110.00	18.32	420.00	8.99
120.00	17.84	430.00	8.91
130.00	17.31	440.00	8.67
140.00	16.92	450.00	8.41
150.00	16.30	460.00	8.19
160.00	15.65	470.00	8.05
170.00	15.16	480.00	7.89
180.00	14.79	490.00	7.69
190.00	14.50	500.00	7.56
200.00	13.99	510.00	7.49
210.00	13.58	520.00	7.30
220.00	13.28	530.00	7.15
230.00	13.03	540.00	7.07
240.00	12.70	550.00	7.01
250.00	12.56	560.00	6.97
260.00	12.37	570.00	6.86
270.00	12.04		
280.00	11.80		
290.00	11.56		
300.00	11.36		

Cruise: GULFCET 06
Latitude: 28° 02.09' N

Station: 10-102
Longitude: 90° 10.06' W

Probe Type: T-7
Date: 31-Aug-1993 Time: 0534

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.81	310.00	10.81
10.00	29.86	320.00	10.60
20.00	29.86	330.00	10.32
30.00	29.36	340.00	10.08
40.00	26.81	350.00	9.83
50.00	25.05	360.00	9.64
60.00	23.38	370.00	9.36
70.00	22.21	380.00	9.24
80.00	21.23	390.00	9.12
90.00	20.20	400.00	8.94
100.00	19.72	410.00	8.69
110.00	18.91	420.00	8.48
120.00	17.96	430.00	7.97
130.00	17.33	440.00	7.91
140.00	16.77	450.00	7.77
150.00	16.33	460.00	7.61
160.00	15.71	470.00	7.54
170.00	15.09	480.00	7.39
180.00	14.62		
190.00	14.28		
200.00	13.72		
210.00	13.39		
220.00	12.85		
230.00	12.48		
240.00	12.31		
250.00	12.07		
260.00	11.76		
270.00	11.65		
280.00	11.47		
290.00	11.19		
300.00	11.00		

Cruise: GULFCET 06
Latitude: 28° 04.00' N

Station: 10-103
Longitude: 90° 10.00' W

Probe Type: T-7
Date: 31-Aug-1993 Time: 0519

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.83	310.00	10.48
10.00	29.87	320.00	10.19
20.00	29.88	330.00	9.97
30.00	29.55	340.00	9.81
40.00	27.42	350.00	9.74
50.00	24.98	360.00	9.64
60.00	23.48		
70.00	22.55		
80.00	21.35		
90.00	20.45		
100.00	19.83		
110.00	18.97		
120.00	17.96		
130.00	17.13		
140.00	16.52		
150.00	16.14		
160.00	15.70		
170.00	15.31		
180.00	14.93		
190.00	14.36		
200.00	13.84		
210.00	13.35		
220.00	13.07		
230.00	12.77		
240.00	12.36		
250.00	12.05		
260.00	11.76		
270.00	11.54		
280.00	11.42		
290.00	11.18		
300.00	10.93		

Cruise: GULFCET 06
Latitude: 28° 09.50' N

Station: 10-104
Longitude: 90° 10.00' W

Probe Type: T-10
Date: 31-Aug-1993 Time: 0431

Depth (m)	Temp. (°C)
0.00	29.81
10.00	29.94
20.00	29.96
30.00	29.70
40.00	28.08
50.00	25.16
60.00	22.77
70.00	21.78
80.00	21.48
90.00	20.52
100.00	19.66
110.00	18.99
120.00	18.56
130.00	17.76
140.00	17.19
150.00	16.39
160.00	15.94
170.00	15.70
180.00	14.99

Cruise: GULFCET 06
Latitude: 27° 26.05' N

Station: 10-B03
Longitude: 90° 09.88' W

Probe Type: T-7
Date: 31-Aug-1993 Time: 1127

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.90	310.00	11.08	610.00	6.64
10.00	29.72	320.00	10.89	620.00	6.52
20.00	28.78	330.00	10.68	630.00	6.49
30.00	26.85	340.00	10.37	640.00	6.41
40.00	25.57	350.00	10.01	650.00	6.36
50.00	23.66	360.00	9.81	660.00	6.29
60.00	21.92	370.00	9.71	670.00	6.22
70.00	21.08	380.00	9.61	680.00	6.15
80.00	20.05	390.00	9.42	690.00	6.10
90.00	19.37	400.00	9.25	700.00	6.03
100.00	18.78	410.00	9.18	710.00	5.97
110.00	18.15	420.00	9.20	720.00	5.91
120.00	17.67	430.00	9.09	730.00	5.86
130.00	17.07	440.00	8.77	740.00	5.77
140.00	16.50	450.00	8.42	750.00	5.70
150.00	16.32	460.00	8.25	760.00	5.69
160.00	15.85	470.00	8.14	770.00	5.63
170.00	15.57	480.00	8.04	780.00	5.61
180.00	15.19	490.00	7.98	790.00	5.55
190.00	14.87	500.00	7.86		
200.00	14.55	510.00	7.75		
210.00	14.06	520.00	7.67		
220.00	13.85	530.00	7.54		
230.00	13.50	540.00	7.43		
240.00	13.07	550.00	7.32		
250.00	12.71	560.00	7.17		
260.00	12.35	570.00	7.02		
270.00	12.07	580.00	6.90		
280.00	11.72	590.00	6.81		
290.00	11.43	600.00	6.67		
300.00	11.25				

Cruise: GULFCET 06
Latitude: 28° 36.00' N

Station: 11-107
Longitude: 89° 30.04' W

Probe Type: T-10
Date: 30-Aug-1993 Time: 2040

Depth (m)	Temp. (°C)
0.00	29.78
10.00	30.26
20.00	30.17
30.00	29.85
40.00	27.91
50.00	23.51
60.00	22.24
70.00	21.16
80.00	20.09
90.00	19.06
100.00	17.89
110.00	16.82
120.00	15.67
130.00	14.99

Cruise: GULFCET 06
Latitude: 28° 32.10' N

Station: 11-108
Longitude: 89° 30.01' W

Probe Type: T-7
Date: 30-Aug-1993 Time: 2008

Depth (m)	Temp. (°C)
0.00	29.60
10.00	30.01
20.00	29.99
30.00	29.71
40.00	28.26
50.00	25.06
60.00	23.80
70.00	21.83
80.00	20.68
90.00	20.25
100.00	19.61
110.00	18.50
120.00	16.43
130.00	15.55
140.00	14.74
150.00	14.14
160.00	13.84
170.00	13.37
180.00	13.13
190.00	12.91
200.00	12.50
210.00	11.99
220.00	11.75
230.00	11.54
240.00	11.15
250.00	10.82
260.00	10.60
270.00	10.38
280.00	10.36
290.00	10.18
300.00	9.95

Cruise: GULFCET 06
Latitude: 28° 28.31' N

Station: 11-109
Longitude: 89° 30.25' W

Probe Type: T-7
Date: 30-Aug-1993 Time: 1937

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.83	310.00	9.79
10.00	29.89	320.00	9.68
20.00	29.90	330.00	9.52
30.00	29.04	340.00	9.34
40.00	27.39	350.00	9.13
50.00	25.04	360.00	9.00
60.00	23.77	370.00	8.88
70.00	22.52	380.00	8.63
80.00	21.69	390.00	8.41
90.00	21.14	400.00	8.25
100.00	19.99	410.00	8.07
110.00	19.48	420.00	7.87
120.00	18.80	430.00	7.80
130.00	17.86	440.00	7.68
140.00	16.65	450.00	7.60
150.00	15.70	460.00	7.57
160.00	14.92	470.00	7.54
170.00	14.34	480.00	7.47
180.00	13.68	490.00	7.21
190.00	13.13	500.00	7.13
200.00	12.95	510.00	7.01
210.00	12.70		
220.00	12.37		
230.00	12.11		
240.00	11.93		
250.00	11.58		
260.00	11.23		
270.00	10.99		
280.00	10.73		
290.00	10.37		
300.00	10.03		

Cruise: GULFCET 06
Latitude: 28° 21.99' N

Station: 11-110
Longitude: 89° 30.27' W

Probe Type: T-7
Date: 30-Aug-1993 Time: 1839

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.98	310.00	11.24	610.00	6.55
10.00	29.56	320.00	10.98	620.00	6.47
20.00	29.09	330.00	10.90	630.00	6.37
30.00	27.69	340.00	10.67	640.00	6.33
40.00	26.99	350.00	10.42	650.00	6.20
50.00	26.15	360.00	10.33	660.00	6.10
60.00	25.45	370.00	10.11	670.00	6.03
70.00	24.31	380.00	9.90	680.00	5.94
80.00	23.38	390.00	9.67	690.00	5.92
90.00	22.29	400.00	9.51	700.00	5.91
100.00	21.58	410.00	9.31	710.00	5.88
110.00	20.58	420.00	9.16	720.00	5.85
120.00	19.58	430.00	8.98	730.00	5.73
130.00	18.82	440.00	8.85		
140.00	18.16	450.00	8.70		
150.00	17.59	460.00	8.42		
160.00	16.81	470.00	8.22		
170.00	16.35	480.00	8.19		
180.00	15.92	490.00	7.98		
190.00	15.37	500.00	7.73		
200.00	14.83	510.00	7.58		
210.00	14.61	520.00	7.51		
220.00	14.25	530.00	7.39		
230.00	13.92	540.00	7.31		
240.00	13.41	550.00	7.20		
250.00	13.04	560.00	6.97		
260.00	12.77	570.00	6.84		
270.00	12.37	580.00	6.75		
280.00	12.09	590.00	6.69		
290.00	11.81	600.00	6.63		
300.00	11.48				

Cruise: GULFCET 06
Latitude: 28° 15.11' N

Station: 11-111
Longitude: 89° 29.95' W

Probe Type: T-20
Date: 30-Aug-1993 Time: 1740

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	30.18	310.00	12.16	610.00	6.79
10.00	29.70	320.00	11.92	620.00	6.64
20.00	29.14	330.00	11.64	630.00	6.35
30.00	28.40	340.00	11.46	640.00	6.31
40.00	27.98	350.00	11.30	650.00	6.23
50.00	27.34	360.00	10.87	660.00	6.18
60.00	25.96	370.00	10.50	670.00	5.99
70.00	24.96	380.00	10.18	680.00	5.86
80.00	23.81	390.00	10.09	690.00	5.79
90.00	23.62	400.00	9.99	700.00	5.71
100.00	21.68	410.00	9.86	710.00	5.65
110.00	20.83	420.00	9.59	720.00	5.60
120.00	19.84	430.00	9.42	730.00	5.56
130.00	18.97	440.00	9.19	740.00	5.50
140.00	18.09	450.00	9.03	750.00	5.45
150.00	17.74	460.00	8.86	760.00	5.42
160.00	16.84	470.00	8.53	770.00	5.39
170.00	16.55	480.00	8.33	780.00	5.35
180.00	15.97	490.00	8.22	790.00	5.33
190.00	15.71	500.00	8.13	800.00	5.30
200.00	15.27	510.00	7.96	810.00	5.27
210.00	14.90	520.00	7.87	820.00	5.23
220.00	14.69	530.00	7.68	830.00	5.21
230.00	14.28	540.00	7.55	840.00	5.17
240.00	13.85	550.00	7.43	850.00	5.14
250.00	13.54	560.00	7.36	860.00	5.08
260.00	13.14	570.00	7.19	870.00	5.05
270.00	13.02	580.00	7.10	880.00	5.04
280.00	12.69	590.00	7.04	890.00	5.00
290.00	12.50	600.00	6.90	900.00	4.97
300.00	12.40				

Cruise: GULFCET 06
Latitude: 27° 37.99' N

Station: 11-113
Longitude: 89° 29.88' W

Probe Type: T-20
Date: 30-Aug-1993 Time: 1042

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.79	310.00	15.01	610.00	7.91	910.00	5.33
10.00	29.66	320.00	14.71	620.00	7.69	920.00	5.28
20.00	29.65	330.00	14.41	630.00	7.46	930.00	5.27
30.00	29.14	340.00	14.14	640.00	7.30	940.00	5.22
40.00	28.57	350.00	13.74	650.00	7.16	950.00	5.19
50.00	28.08	360.00	13.42	660.00	7.03	960.00	5.15
60.00	27.40	370.00	13.13	670.00	6.92	970.00	5.10
70.00	26.93	380.00	12.89	680.00	6.84	980.00	5.07
80.00	26.12	390.00	12.59	690.00	6.77	990.00	5.04
90.00	25.10	400.00	12.34	700.00	6.70		
100.00	24.54	410.00	12.03	710.00	6.63		
110.00	23.86	420.00	11.74	720.00	6.52		
120.00	22.96	430.00	11.43	730.00	6.47		
130.00	22.18	440.00	11.12	740.00	6.29		
140.00	21.29	450.00	10.80	750.00	6.20		
150.00	20.56	460.00	10.57	760.00	6.12		
160.00	19.97	470.00	10.12	770.00	6.05		
170.00	19.52	480.00	9.81	780.00	6.02		
180.00	19.21	490.00	9.53	790.00	5.96		
190.00	18.79	500.00	9.24	800.00	5.90		
200.00	18.50	510.00	9.12	810.00	5.84		
210.00	18.17	520.00	9.02	820.00	5.77		
220.00	17.79	530.00	8.93	830.00	5.74		
230.00	17.43	540.00	8.88	840.00	5.70		
240.00	17.14	550.00	8.83	850.00	5.62		
250.00	16.80	560.00	8.71	860.00	5.59		
260.00	16.60	570.00	8.49	870.00	5.53		
270.00	16.50	580.00	8.39	880.00	5.47		
280.00	16.22	590.00	8.26	890.00	5.40		
290.00	15.77	600.00	8.06	900.00	5.37		
300.00	15.51						

Cruise: GULFCET 06
Latitude: 27° 51.86' N

Station: 11-B02
Longitude: 89° 30.06' W

Probe Type: T-7
Date: 30-Aug-1993 Time: 1321

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.61	310.00	14.37
10.00	29.56	320.00	13.99
20.00	29.56	330.00	13.74
30.00	28.78	340.00	13.45
40.00	28.52	350.00	13.19
50.00	27.96	360.00	12.97
60.00	27.18	370.00	12.70
70.00	26.68	380.00	12.34
80.00	25.49	390.00	11.89
90.00	25.00	400.00	11.56
100.00	23.96	410.00	11.25
110.00	23.00	420.00	11.06
120.00	22.39	430.00	10.70
130.00	21.36	440.00	10.52
140.00	20.71		
150.00	20.26		
160.00	19.79		
170.00	19.29		
180.00	18.85		
190.00	18.43		
200.00	18.07		
210.00	17.72		
220.00	17.14		
230.00	16.89		
240.00	16.56		
250.00	16.30		
260.00	16.13		
270.00	15.93		
280.00	15.28		
290.00	14.96		
300.00	14.62		

Cruise: GULFCET 06
Latitude: 29° 17.31' N

Station: 11-EX3
Longitude: 89° 29.99' W

Probe Type: T-7
Date: 31-Aug-1993 Time: 1759

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.87	310.00	11.86	610.00	6.60
10.00	29.66	320.00	11.56	620.00	6.48
20.00	29.02	330.00	11.38	630.00	6.43
30.00	28.79	340.00	11.01	640.00	6.27
40.00	27.87	350.00	10.80	650.00	6.17
50.00	26.69	360.00	10.58	660.00	6.11
60.00	26.03	370.00	10.42	670.00	6.01
70.00	24.83	380.00	10.29	680.00	5.92
80.00	23.37	390.00	10.00	690.00	5.83
90.00	22.19	400.00	9.80	700.00	5.76
100.00	21.61	410.00	9.58	710.00	5.73
110.00	20.70	420.00	9.39	720.00	5.67
120.00	19.82	430.00	9.23	730.00	5.63
130.00	18.46	440.00	9.01	740.00	5.58
140.00	18.00	450.00	8.89	750.00	5.55
150.00	17.45	460.00	8.61	760.00	5.53
160.00	16.66	470.00	8.40	770.00	5.52
170.00	16.20	480.00	8.30	780.00	5.46
180.00	15.94	490.00	8.13	790.00	5.42
190.00	15.56	500.00	7.97	800.00	5.36
200.00	15.21	510.00	7.78	810.00	5.31
210.00	14.90	520.00	7.63	820.00	5.24
220.00	14.47	530.00	7.50		
230.00	14.08	540.00	7.44		
240.00	13.82	550.00	7.41		
250.00	13.60	560.00	7.31		
260.00	13.32	570.00	7.10		
270.00	13.01	580.00	7.02		
280.00	12.70	590.00	6.81		
290.00	12.44	600.00	6.68		
300.00	12.22				

Cruise: GULFCET 06
Latitude: 28° 14.41' N

Station: 12-118
Longitude: 88° 50.12' W

Probe Type: T-20
Date: 29-Aug-1993 Time: 1953

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	30.36	310.00	12.06	610.00	6.77	910.00	5.17
10.00	29.84	320.00	11.81	620.00	6.64	920.00	5.13
20.00	29.47	330.00	11.69	630.00	6.57	930.00	5.14
30.00	28.95	340.00	11.43	640.00	6.50	940.00	5.11
40.00	28.29	350.00	11.42	650.00	6.43	950.00	5.06
50.00	27.77	360.00	11.05	660.00	6.40	960.00	5.03
60.00	26.95	370.00	10.86	670.00	6.34		
70.00	25.89	380.00	10.76	680.00	6.28		
80.00	24.92	390.00	10.53	690.00	6.20		
90.00	24.30	400.00	10.27	700.00	6.15		
100.00	23.28	410.00	10.12	710.00	6.09		
110.00	22.12	420.00	9.98	720.00	6.03		
120.00	21.29	430.00	9.78	730.00	5.98		
130.00	20.43	440.00	9.65	740.00	5.93		
140.00	19.63	450.00	9.53	750.00	5.86		
150.00	18.89	460.00	9.33	760.00	5.79		
160.00	18.13	470.00	9.18	770.00	5.75		
170.00	17.61	480.00	9.02	780.00	5.70		
180.00	17.11	490.00	8.83	790.00	5.63		
190.00	16.65	500.00	8.64	800.00	5.57		
200.00	16.16	510.00	8.45	810.00	5.53		
210.00	15.78	520.00	8.25	820.00	5.48		
220.00	15.24	530.00	8.02	830.00	5.43		
230.00	14.81	540.00	7.80	840.00	5.40		
240.00	14.33	550.00	7.61	850.00	5.37		
250.00	13.83	560.00	7.45	860.00	5.33		
260.00	13.51	570.00	7.28	870.00	5.27		
270.00	13.18	580.00	7.13	880.00	5.24		
280.00	12.86	590.00	6.97	890.00	5.22		
290.00	12.60	600.00	6.85	900.00	5.19		
300.00	12.28						

Cruise: GULFCET 06
Latitude: 28° 43.60' N

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

Probe Type: T-20
Date: 29-Aug-1993 Time: 1414

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	30.70	310.00	10.37
10.00	30.12	320.00	10.22
20.00	29.83	330.00	10.09
30.00	29.75	340.00	9.94
40.00	28.19	350.00	9.80
50.00	24.48	360.00	9.64
60.00	22.77	370.00	9.53
70.00	20.65	380.00	9.40
80.00	20.20	390.00	9.20
90.00	19.46	400.00	9.03
100.00	18.70	410.00	8.80
110.00	18.06	420.00	8.64
120.00	17.21	430.00	8.48
130.00	16.50	440.00	8.36
140.00	16.11		
150.00	15.92		
160.00	15.78		
170.00	15.18		
180.00	14.77		
190.00	14.60		
200.00	14.44		
210.00	13.96		
220.00	13.44		
230.00	12.97		
240.00	12.35		
250.00	11.99		
260.00	11.65		
270.00	11.37		
280.00	11.05		
290.00	10.85		
300.00	10.62		

Cruise: GULFCET 06
Latitude: 28° 46.89' N

Station: 12-121
Longitude: 88° 49.94' W

Probe Type: T-7
Date: 29-Aug-1993 Time: 1334

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	30.22	310.00	10.53
10.00	30.29	320.00	10.30
20.00	29.91	330.00	10.01
30.00	29.42	340.00	9.90
40.00	23.64	350.00	9.80
50.00	22.23	360.00	9.67
60.00	21.07	370.00	9.52
70.00	20.52	380.00	9.24
80.00	19.59	390.00	9.04
90.00	19.10	400.00	9.02
100.00	18.50	410.00	8.79
110.00	17.82	420.00	8.59
120.00	17.42	430.00	8.41
130.00	16.99	440.00	8.34
140.00	16.66	450.00	8.14
150.00	16.08	460.00	8.04
160.00	15.57	470.00	7.97
170.00	15.12	480.00	7.87
180.00	14.59		
190.00	14.28		
200.00	14.01		
210.00	13.50		
220.00	13.14		
230.00	12.97		
240.00	12.59		
250.00	12.14		
260.00	11.60		
270.00	11.18		
280.00	11.01		
290.00	10.80		
300.00	10.59		

Cruise: GULFCET 06
Latitude: 28° 53.05' N

Station: 12-122
Longitude: 88° 49.98' W

Probe Type: T-7
Date: 29-Aug-1993 Time: 1244

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	30.17	310.00	10.74
10.00	30.02	320.00	10.50
20.00	29.94	330.00	10.25
30.00	23.49	340.00	9.95
40.00	21.63	350.00	9.83
50.00	21.31	360.00	9.54
60.00	20.50	370.00	9.27
70.00	19.47	380.00	9.20
80.00	18.71	390.00	8.94
90.00	17.92	400.00	8.95
100.00	17.27	410.00	8.95
110.00	16.85	420.00	8.89
120.00	16.30		
130.00	15.74		
140.00	15.18		
150.00	14.82		
160.00	14.62		
170.00	14.26		
180.00	13.92		
190.00	13.66		
200.00	13.45		
210.00	13.17		
220.00	12.93		
230.00	12.73		
240.00	12.43		
250.00	12.08		
260.00	11.90		
270.00	11.63		
280.00	11.39		
290.00	11.16		
300.00	10.97		

Cruise: GULFCET 06
Latitude: 28° 55.50' N

Station: 12-123
Longitude: 88° 50.11' W

Probe Type: T-7
Date: 29-Aug-1993 Time: 1222

Depth (m)	Temp. (°C)
0.00	29.79
10.00	29.79
20.00	27.90
30.00	23.75
40.00	22.26
50.00	21.18
60.00	20.78
70.00	19.77
80.00	18.96
90.00	18.32
100.00	17.31
110.00	16.63
120.00	16.21
130.00	15.89
140.00	15.54
150.00	15.20
160.00	14.98
170.00	14.64
180.00	14.26
190.00	13.92
200.00	13.58
210.00	13.21
220.00	12.97
230.00	12.58
240.00	12.43
250.00	12.14
260.00	11.75
270.00	11.41
280.00	11.14
290.00	10.74
300.00	10.55

Cruise: GULFCET 06
Latitude: 27° 59.97' N

Station: 12-B01
Longitude: 88° 50.01' W

Probe Type: T-7
Date: 29-Aug-1993 Time: 2153

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.87	310.00	13.98	610.00	7.79
10.00	29.69	320.00	13.64	620.00	7.59
20.00	29.45	330.00	13.43	630.00	7.46
30.00	28.98	340.00	13.03	640.00	7.30
40.00	28.55	350.00	12.71	650.00	7.18
50.00	27.78	360.00	12.63	660.00	7.03
60.00	27.18	370.00	12.39	670.00	6.91
70.00	26.65	380.00	12.09	680.00	6.82
80.00	26.29	390.00	11.77	690.00	6.71
90.00	25.95	400.00	11.62	700.00	6.67
100.00	25.38	410.00	11.36	710.00	6.57
110.00	24.17	420.00	11.07	720.00	6.50
120.00	23.52	430.00	10.87	730.00	6.44
130.00	22.86	440.00	10.64	740.00	6.38
140.00	22.23	450.00	10.45	750.00	6.32
150.00	21.52	460.00	10.38	760.00	6.25
160.00	20.36	470.00	10.17	770.00	6.17
170.00	19.52	480.00	9.94	780.00	6.13
180.00	18.67	490.00	9.86	790.00	6.05
190.00	18.39	500.00	9.64	800.00	5.98
200.00	18.09	510.00	9.47	810.00	5.93
210.00	17.16	520.00	9.28	820.00	5.83
220.00	16.64	530.00	9.01		
230.00	16.32	540.00	8.85		
240.00	15.92	550.00	8.67		
250.00	15.63	560.00	8.49		
260.00	15.27	570.00	8.33		
270.00	14.92	580.00	8.13		
280.00	14.63	590.00	8.00		
290.00	14.38	600.00	7.89		
300.00	14.18				

Cruise: GULFCET 06
Latitude: 28° 36.85' N

Station: 12-EX3
Longitude: 88° 49.94' W

Probe Type: T-7
Date: 29-Aug-1993 Time: 1512

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.87	310.00	10.95
10.00	29.66	320.00	10.70
20.00	29.29	330.00	10.46
30.00	27.90	340.00	10.31
40.00	26.52	350.00	10.15
50.00	24.32	360.00	9.88
60.00	23.54	370.00	9.67
70.00	22.37	380.00	9.49
80.00	21.16	390.00	9.30
90.00	20.38	400.00	9.17
100.00	20.03	410.00	9.04
110.00	19.38	420.00	8.86
120.00	18.08	430.00	8.63
130.00	17.45	440.00	8.52
140.00	16.77	450.00	8.32
150.00	16.29	460.00	8.16
160.00	15.70	470.00	8.08
170.00	15.34		
180.00	14.95		
190.00	14.68		
200.00	14.33		
210.00	13.96		
220.00	13.57		
230.00	13.28		
240.00	12.86		
250.00	12.62		
260.00	12.36		
270.00	11.97		
280.00	11.67		
290.00	11.41		
300.00	11.17		

Cruise: GULFCET 06
Latitude: 29° 13.01' N

Station: 13-127
Longitude: 88° 09.93' W

Probe Type: T-10
Date: 29-Aug-1993 Time: 0529

Depth (m)	Temp. (°C)
0.00	29.44
10.00	29.89
20.00	29.75
30.00	26.49
40.00	23.09
50.00	21.79
60.00	21.10
70.00	20.71
80.00	19.83
90.00	19.27
100.00	18.72
110.00	18.20
120.00	17.74
130.00	16.61
140.00	16.45
150.00	16.18
160.00	16.11
170.00	15.50
180.00	15.34
190.00	15.31
200.00	15.03
210.00	14.75

Cruise: GULFCET 06
Latitude: 29° 10.60' N

Station: 13-128
Longitude: 88° 10.05' W

Probe Type: T-7
Date: 29-Aug-1993 Time: 0505

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.48	310.00	10.81
10.00	29.98	320.00	10.73
20.00	29.86	330.00	10.55
30.00	29.44	340.00	10.43
40.00	24.43	350.00	10.37
50.00	22.30		
60.00	21.72		
70.00	20.93		
80.00	20.45		
90.00	19.71		
100.00	19.31		
110.00	18.28		
120.00	17.78		
130.00	17.13		
140.00	16.89		
150.00	16.33		
160.00	15.91		
170.00	15.57		
180.00	15.26		
190.00	14.95		
200.00	14.65		
210.00	14.43		
220.00	14.07		
230.00	13.75		
240.00	13.29		
250.00	12.62		
260.00	12.22		
270.00	11.85		
280.00	11.40		
290.00	11.33		
300.00	11.11		

Cruise: GULFCET 06
Latitude: 29° 08.59' N

Station: 13-129
Longitude: 88° 09.98' W

Probe Type: T-7
Date: 29-Aug-1993 Time: 0443

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.33	310.00	11.29
10.00	29.91	320.00	11.12
20.00	29.72	330.00	10.70
30.00	29.72	340.00	10.53
40.00	27.47	350.00	10.32
50.00	23.28	360.00	10.09
60.00	22.03	370.00	9.86
70.00	21.11	380.00	9.73
80.00	20.10	390.00	9.59
90.00	19.70	400.00	9.44
100.00	19.18	410.00	9.29
110.00	18.81	420.00	9.23
120.00	18.10	430.00	9.20
130.00	17.73	440.00	9.19
140.00	17.40	450.00	9.00
150.00	16.93	460.00	8.66
160.00	16.47	470.00	8.25
170.00	16.00	480.00	7.76
180.00	15.49		
190.00	15.18		
200.00	14.99		
210.00	14.60		
220.00	14.24		
230.00	13.93		
240.00	13.45		
250.00	13.16		
260.00	12.90		
270.00	12.67		
280.00	12.42		
290.00	11.88		
300.00	11.48		

Cruise: GULFCET 06
 Latitude: 29° 05.00' N

Station: 13-130
 Longitude: 88° 10.00' W

Probe Type: T-7
 Date: 29-Aug-1993 Time: 0411

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.69	310.00	11.54	610.00	6.24
10.00	30.05	320.00	11.33	620.00	6.18
20.00	29.83	330.00	10.97	630.00	6.07
30.00	29.72	340.00	10.75	640.00	5.97
40.00	26.99	350.00	10.51	650.00	5.89
50.00	22.65	360.00	10.35	660.00	5.80
60.00	21.13	370.00	10.18	670.00	5.73
70.00	20.22	380.00	9.96	680.00	5.66
80.00	19.53	390.00	9.74	690.00	5.60
90.00	19.01	400.00	9.62	700.00	5.58
100.00	18.69	410.00	9.47	710.00	5.52
110.00	18.21	420.00	9.30	720.00	5.52
120.00	17.67	430.00	9.09	730.00	5.51
130.00	17.46	440.00	8.78	740.00	5.43
140.00	16.91	450.00	8.59		
150.00	16.54	460.00	8.45		
160.00	16.27	470.00	8.33		
170.00	15.95	480.00	7.94		
180.00	15.55	490.00	7.72		
190.00	15.25	500.00	7.55		
200.00	14.95	510.00	7.37		
210.00	14.52	520.00	7.16		
220.00	14.28	530.00	6.97		
230.00	13.94	540.00	6.90		
240.00	13.58	550.00	6.83		
250.00	13.31	560.00	6.77		
260.00	12.94	570.00	6.67		
270.00	12.63	580.00	6.50		
280.00	12.40	590.00	6.43		
290.00	12.08	600.00	6.34		
300.00	11.85				

Cruise: GULFCET 06
 Latitude: 29° 03.00' N

Station: 13-131
 Longitude: 88° 10.00' W

Probe Type: T-20
 Date: 29-Aug-1993 Time: 0356

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.74	310.00	12.01	610.00	6.32	910.00	4.95
10.00	30.00	320.00	11.60	620.00	6.24	920.00	4.91
20.00	29.85	330.00	11.28	630.00	6.10		
30.00	29.82	340.00	10.96	640.00	5.97		
40.00	27.52	350.00	10.62	650.00	5.90		
50.00	22.81	360.00	10.48	660.00	5.83		
60.00	21.01	370.00	10.25	670.00	5.76		
70.00	20.61	380.00	10.03	680.00	5.71		
80.00	20.65	390.00	9.86	690.00	5.77		
90.00	20.09	400.00	9.62	700.00	5.62		
100.00	19.90	410.00	9.37	710.00	5.59		
110.00	19.53	420.00	9.19	720.00	5.53		
120.00	18.98	430.00	9.05	730.00	5.49		
130.00	18.74	440.00	8.87	740.00	5.46		
140.00	18.66	450.00	8.55	750.00	5.43		
150.00	18.37	460.00	8.32	760.00	5.37		
160.00	18.08	470.00	8.21	770.00	5.35		
170.00	17.89	480.00	7.97	780.00	5.33		
180.00	17.55	490.00	7.82	790.00	5.28		
190.00	17.38	500.00	7.69	800.00	5.26		
200.00	16.84	510.00	7.49	810.00	5.21		
210.00	16.60	520.00	7.36	820.00	5.17		
220.00	16.69	530.00	7.19	830.00	5.14		
230.00	16.55	540.00	7.10	840.00	5.12		
240.00	16.19	550.00	7.00	850.00	5.10		
250.00	15.66	560.00	6.87	860.00	5.06		
260.00	14.80	570.00	6.72	870.00	5.05		
270.00	14.18	580.00	6.62	880.00	5.06		
280.00	13.47	590.00	6.52	890.00	5.02		
290.00	12.88	600.00	6.39	900.00	4.99		
300.00	12.36						

Cruise: GULFCET 06
Latitude: 28° 49.00' N

Station: 13-132
Longitude: 88° 10.00' W

Probe Type: T-7
Date: 29-Aug-1993 Time: 0200

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.84	310.00	11.38	610.00	6.81
10.00	30.48	320.00	11.22	620.00	6.65
20.00	30.00	330.00	10.96		
30.00	29.13	340.00	10.86		
40.00	27.40	350.00	10.69		
50.00	25.38	360.00	10.44		
60.00	22.94	370.00	10.31		
70.00	21.47	380.00	10.11		
80.00	20.42	390.00	9.97		
90.00	19.46	400.00	9.83		
100.00	18.86	410.00	9.55		
110.00	18.22	420.00	9.28		
120.00	17.72	430.00	9.13		
130.00	17.21	440.00	8.94		
140.00	16.79	450.00	8.86		
150.00	16.37	460.00	8.68		
160.00	16.07	470.00	8.49		
170.00	15.91	480.00	8.36		
180.00	15.62	490.00	8.23		
190.00	15.26	500.00	8.20		
200.00	14.84	510.00	8.03		
210.00	14.53	520.00	7.86		
220.00	14.17	530.00	7.67		
230.00	13.85	540.00	7.53		
240.00	13.64	550.00	7.44		
250.00	13.30	560.00	7.37		
260.00	12.96	570.00	7.23		
270.00	12.69	580.00	7.08		
280.00	12.32	590.00	6.95		
290.00	12.11	600.00	6.89		
300.00	11.66				

Cruise: GULFCET 06
Latitude: 29° 03.97' N

Station: 14-137
Longitude: 87° 30.09' W

Probe Type: T-7
Date: 28-Aug-1993 Time: 1151

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.67	310.00	10.83	610.00	6.75
10.00	30.35	320.00	10.63	620.00	6.65
20.00	30.45	330.00	10.34	630.00	6.54
30.00	29.51	340.00	10.21	640.00	6.48
40.00	26.25	350.00	10.05	650.00	6.39
50.00	23.68	360.00	9.92	660.00	6.33
60.00	22.15	370.00	9.72	670.00	6.27
70.00	21.19	380.00	9.52	680.00	6.20
80.00	20.45	390.00	9.38	690.00	6.13
90.00	19.52	400.00	9.25	700.00	6.08
100.00	18.47	410.00	9.06	710.00	6.01
110.00	17.54	420.00	8.95	720.00	5.97
120.00	16.96	430.00	8.76	730.00	5.89
130.00	16.51	440.00	8.62	740.00	5.81
140.00	15.96	450.00	8.44	750.00	5.75
150.00	15.62	460.00	8.33	760.00	5.71
160.00	15.19	470.00	8.20	770.00	5.66
170.00	14.98	480.00	8.03	780.00	5.62
180.00	14.68	490.00	7.99	790.00	5.57
190.00	14.36	500.00	7.84	800.00	5.55
200.00	14.10	510.00	7.77	810.00	5.51
210.00	13.80	520.00	7.65	820.00	5.46
220.00	13.40	530.00	7.49		
230.00	13.00	540.00	7.39		
240.00	12.66	550.00	7.25		
250.00	12.33	560.00	7.16		
260.00	12.01	570.00	7.07		
270.00	11.74	580.00	6.97		
280.00	11.52	590.00	6.88		
290.00	11.22	600.00	6.78		
300.00	11.06				

Cruise: GULFCET 06
Latitude: 29° 19.85' N

Station: 14-140
Longitude: 87° 29.00' W

Probe Type: T-7
Date: 28-Aug-1993 Time: 0928

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.13	310.00	9.99
10.00	29.56	320.00	9.80
20.00	29.24	330.00	9.67
30.00	28.65	340.00	9.62
40.00	23.57	350.00	9.53
50.00	22.78	360.00	9.43
60.00	21.69	370.00	9.23
70.00	21.26	380.00	9.12
80.00	20.11	390.00	9.03
90.00	19.55	400.00	8.88
100.00	19.10	410.00	8.87
110.00	18.30	420.00	8.39
120.00	17.47		
130.00	16.83		
140.00	15.97		
150.00	15.60		
160.00	15.35		
170.00	14.84		
180.00	14.38		
190.00	14.01		
200.00	13.64		
210.00	12.99		
220.00	12.54		
230.00	12.19		
240.00	11.76		
250.00	11.65		
260.00	11.42		
270.00	11.01		
280.00	10.63		
290.00	10.37		
300.00	10.16		

Cruise: GULFCET 06
Latitude: 29° 21.98' N

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

Probe Type: T-7
Date: 28-Aug-1993 Time: 0912

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.25	310.00	9.99
10.00	29.21	320.00	9.76
20.00	29.08		
30.00	28.26		
40.00	23.49		
50.00	22.55		
60.00	21.54		
70.00	21.12		
80.00	20.23		
90.00	19.60		
100.00	19.42		
110.00	18.80		
120.00	17.79		
130.00	16.94		
140.00	16.18		
150.00	15.66		
160.00	15.22		
170.00	14.92		
180.00	14.63		
190.00	14.32		
200.00	13.94		
210.00	13.31		
220.00	12.65		
230.00	12.19		
240.00	11.67		
250.00	11.32		
260.00	10.97		
270.00	10.71		
280.00	10.47		
290.00	10.35		
300.00	10.14		

Cruise: GULFCET 06
Latitude: 29° 24.94' N

Station: 14-142
Longitude: 87° 30.01' W

Probe Type: T-10
Date: 28-Aug-1993 Time:

Depth (m)	Temp. (°C)
0.00	29.86
10.00	29.66
20.00	28.89
30.00	24.40
40.00	23.61
50.00	21.96
60.00	20.87
70.00	20.38
80.00	20.10
90.00	19.38
100.00	18.37
110.00	18.02
120.00	17.64
130.00	17.54
140.00	17.16
150.00	16.82
160.00	15.91
170.00	15.72
180.00	15.34
190.00	14.68

Cruise: GULFCET 06
Latitude: 29° 17.07' N

Station: 14-EX1
Longitude: 87° 29.53' W

Probe Type: T-7
Date: 28-Aug-1993 Time:

Depth (m)	Temp. (°C)
0.00	29.21
10.00	29.68
20.00	29.55
30.00	28.53
40.00	25.39
50.00	22.92
60.00	21.62
70.00	20.61
80.00	20.07
90.00	19.68
100.00	19.06
110.00	17.82
120.00	17.06
130.00	16.30
140.00	15.83
150.00	15.44
160.00	14.83
170.00	14.33
180.00	14.23
190.00	13.78
200.00	13.39
210.00	13.08
220.00	12.63
230.00	12.29
240.00	11.97
250.00	11.64
260.00	11.36
270.00	11.14
280.00	10.91
290.00	10.73
300.00	10.47

Depth (m)	Temp. (°C)
310.00	10.33
320.00	10.07
330.00	9.93
340.00	9.69
350.00	9.59
360.00	9.45
370.00	9.27
380.00	9.06
390.00	8.94
400.00	8.85
410.00	8.63
420.00	8.48
430.00	8.36
440.00	8.18
450.00	8.00
460.00	7.90
470.00	7.82
480.00	7.75
490.00	7.61
500.00	7.52
510.00	7.42
520.00	7.31
530.00	6.98
540.00	6.80
550.00	6.66
560.00	6.52
570.00	6.35
580.00	6.30
590.00	6.18
600.00	6.13

Depth (m)	Temp. (°C)
610.00	6.08
620.00	6.03
630.00	5.97
640.00	5.93
650.00	5.91
660.00	5.86
670.00	5.79
680.00	5.75
690.00	5.72
700.00	5.67
710.00	5.60
720.00	5.56
730.00	5.52
740.00	5.50
750.00	5.4

Cruise: GULFCET 06
Latitude: 29° 12.89' N

Station: BL-EX2
Longitude: 88° 23.53' W

Probe Type: T-7
Date: 29-Aug-1993 Time: 0753

Depth (m)	Temp. (°C)
0.00	29.70
10.00	29.95
20.00	29.50
30.00	24.42
40.00	21.17
50.00	20.52
60.00	19.80
70.00	19.29
80.00	18.59
90.00	18.07
100.00	17.35
110.00	17.01
120.00	16.68
130.00	16.33

Cruise: GULFCET 06
Latitude: 28° 35.48' N

Station: BL-EX4
Longitude: 89° 43.32' W

Probe Type: T-10
Date: 30-Aug-1993 Time: 2357

Depth (m)	Temp. (°C)
0.00	29.74
10.00	30.38
20.00	29.86
30.00	27.57
40.00	22.63
50.00	20.94
60.00	20.33
70.00	19.19
80.00	18.16
90.00	17.99
100.00	17.70
110.00	17.19

Cruise: GULFCET 06
Latitude: 28° 25.70' N

Station: BL-EX5
Longitude: 89° 56.50' W

Probe Type: T-10
Date: 31-Aug-1993 Time: 0136

Depth (m)	Temp. (°C)
0.00	29.81
10.00	30.19
20.00	30.10
30.00	29.52
40.00	28.27
50.00	22.87
60.00	20.88
70.00	20.37
80.00	20.03
90.00	19.79
100.00	19.45
110.00	18.84
120.00	18.00
130.00	17.34
140.00	16.75
150.00	16.01
160.00	15.04
170.00	14.66
180.00	14.07
190.00	13.82
200.00	13.00
210.00	12.40

Cruise: GULFCET 06
Latitude: 26° 17.00' N

Station: BL-EX8
Longitude: 94° 23.51' W

Probe Type: T-7
Date: 5-Sep-1993 Time: 1955

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.12	310.00	11.10	610.00	6.79
10.00	29.03	320.00	10.90	620.00	6.72
20.00	29.11	330.00	10.70	630.00	6.63
30.00	26.68	340.00	10.62	640.00	6.55
40.00	24.93	350.00	10.45	650.00	6.52
50.00	23.60	360.00	10.24	660.00	6.43
60.00	22.97	370.00	10.12	670.00	6.30
70.00	22.21	380.00	9.86	680.00	6.23
80.00	21.10	390.00	9.67	690.00	6.15
90.00	20.46	400.00	9.49	700.00	6.11
100.00	19.55	410.00	9.31	710.00	6.04
110.00	18.94	420.00	9.10	720.00	5.99
120.00	18.40	430.00	8.98	730.00	5.97
130.00	17.61	440.00	8.90	740.00	5.87
140.00	16.92	450.00	8.78	750.00	5.81
150.00	16.42	460.00	8.61	760.00	5.77
160.00	16.09	470.00	8.41	770.00	5.69
170.00	15.71	480.00	8.30	780.00	5.65
180.00	15.27	490.00	8.12	790.00	5.60
190.00	14.71	500.00	7.94	800.00	5.55
200.00	14.19	510.00	7.82		
210.00	13.78	520.00	7.65		
220.00	13.31	530.00	7.55		
230.00	12.98	540.00	7.49		
240.00	12.68	550.00	7.34		
250.00	12.46	560.00	7.22		
260.00	12.22	570.00	7.12		
270.00	12.06	580.00	7.05		
280.00	11.90	590.00	6.97		
290.00	11.68	600.00	6.87		
300.00	11.47				

Cruise: GULFCET 06
Latitude: 26° 16.95' N

Station: BL-EX9
Longitude: 94° 36.97' W

Probe Type: T-7
Date: 5-Sep-1993 Time: 2110

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.13	310.00	10.97	610.00	6.73
10.00	29.03	320.00	10.78	620.00	6.64
20.00	28.85	330.00	10.61	630.00	6.60
30.00	29.04	340.00	10.38	640.00	6.52
40.00	25.10	350.00	10.23	650.00	6.41
50.00	23.63	360.00	10.02	660.00	6.32
60.00	22.79	370.00	9.90	670.00	6.25
70.00	21.87	380.00	9.81	680.00	6.21
80.00	20.82	390.00	9.57	690.00	6.18
90.00	20.10	400.00	9.44	700.00	6.08
100.00	19.25	410.00	9.26	710.00	6.04
110.00	18.62	420.00	9.08	720.00	5.98
120.00	17.91	430.00	8.89	730.00	5.95
130.00	17.16	440.00	8.78	740.00	5.87
140.00	16.58	450.00	8.70	750.00	5.82
150.00	16.11	460.00	8.52	760.00	5.76
160.00	15.62	470.00	8.27	770.00	5.70
170.00	15.19	480.00	8.12	780.00	5.67
180.00	14.84	490.00	8.00	790.00	5.64
190.00	14.36	500.00	7.88	800.00	5.58
200.00	13.82	510.00	7.73	810.00	5.49
210.00	13.39	520.00	7.66		
220.00	13.15	530.00	7.55		
230.00	12.93	540.00	7.45		
240.00	12.69	550.00	7.29		
250.00	12.43	560.00	7.18		
260.00	12.17	570.00	7.05		
270.00	11.77	580.00	6.98		
280.00	11.52	590.00	6.88		
290.00	11.30	600.00	6.79		
300.00	11.13				

Cruise: GULFCET 06
Latitude: 26° 29.92' N

Station: 06-B08
Longitude: 92° 50.09' W

Probe Type: T-7
Date: 3-Sep-1993 Time: 2207

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.60	310.00	12.12	610.00	7.00
10.00	29.85	320.00	11.80	620.00	6.95
20.00	29.86	330.00	11.50	630.00	6.85
30.00	29.76	340.00	11.30	640.00	6.79
40.00	29.30	350.00	11.04	650.00	6.72
50.00	27.31	360.00	10.93	660.00	6.66
60.00	25.03	370.00	10.79	670.00	6.57
70.00	24.09	380.00	10.52	680.00	6.48
80.00	23.55	390.00	10.21	690.00	6.37
90.00	22.75	400.00	10.01	700.00	6.30
100.00	22.20	410.00	9.91	710.00	6.22
110.00	21.34	420.00	9.71	720.00	6.14
120.00	20.57	430.00	9.48	730.00	6.09
130.00	19.81	440.00	9.32	740.00	6.04
140.00	19.21	450.00	9.14	750.00	5.98
150.00	18.06	460.00	8.98	760.00	5.93
160.00	17.37	470.00	8.82	770.00	5.86
170.00	16.87	480.00	8.61	780.00	5.82
180.00	16.49	490.00	8.47	790.00	5.74
190.00	15.99	500.00	8.22	800.00	5.71
200.00	15.61	510.00	8.14	810.00	5.66
210.00	15.14	520.00	7.93	820.00	5.59
220.00	14.82	530.00	7.91		
230.00	14.36	540.00	7.81		
240.00	14.10	550.00	7.69		
250.00	13.85	560.00	7.56		
260.00	13.45	570.00	7.45		
270.00	13.10	580.00	7.32		
280.00	12.75	590.00	7.24		
290.00	12.49	600.00	7.11		
300.00	12.34				

CONDUCTIVITY/ TEMPERATURE/DEPTH (CTD) DATA:

-DATA SUMMARY TABLES

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

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

Cruise: GULFCET 06 **Station:** 04-031
Date: 5-Sep-93 **Time:** 1757 **Lat:** 26 17.00 **Long:** 94 09.93
Depth: 2000 m **Wind Dir:** 8.4 ° **Wind Speed:** 3.6 m/s **Wave Dir:** 320°
Barometer: 29.74 in. **Air Temp Dry:** 27 °C **Air Temp Wet:** 25 °C **Secchi Depth:** 31 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.266	29.264	5.525	22.372	546.02	1544.77	4.346		10.07
20	28.899	28.894	5.761	22.671	517.75	1544.41	4.517		20.14
30	28.364	28.356	6.426	23.350	453.40	1544.12	4.598		30.20
50	25.098	25.087	36.328	24.317	361.89	1536.90	5.132		50.34
75	22.590	22.574	36.304	25.043	293.60	1531.08	4.940		75.52
100	20.802	20.782	36.419	25.631	238.52	1526.92	4.000		100.69
125	19.004	18.981	36.444	26.126	192.17	1522.39	3.084		125.88
150	17.288	17.262	36.301	26.445	162.44	1517.67	3.164		151.06
200	15.017	14.986	35.999	26.739	135.57	1511.22	3.277		201.44
250	13.502	13.466	35.762	26.881	123.05	1506.90	3.221		251.83
300	12.087	12.047	35.541	26.994	113.07	1502.75	3.221		302.23
400	9.948	9.901	35.234	27.144	99.83	1496.56	3.090		403.07
500	9.028	8.972	35.117	27.205	95.29	1494.74	3.142		503.96
600	7.613	7.552	34.979	27.315	85.19	1490.93	3.285		604.90
700	6.438	6.372	34.913	27.427	74.63	1487.97	3.697		705.89
800	5.827	5.755	34.912	27.505	67.68	1487.22	4.037		806.92

Cruise: GULFCET 06 **Station:** 04-033
Date: 5-Sep-93 **Time:** 1323 **Lat:** 26 45.88 **Long:** 94 10.24
Depth: 1350 m **Wind Dir:** ° **Wind Speed:** 4.0 m/s **Wave Dir:** 300°
Barometer: 29.84 in. **Air Temp Dry:** 25 °C **Air Temp Wet:** 24.8 °C **Secchi Depth:** 23 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.988	29.986	36.156	22.600	524.18	1546.95	4.144		10.07
10	29.988	29.986	36.156	22.600	524.18	1546.95	4.144		10.07
20	29.873	29.868	36.309	22.754	509.90	1547.04	4.272		20.14
20	29.873	29.868	36.309	22.754	509.90	1547.04	4.272		20.14
30	29.829	29.822	36.356	22.805	505.49	1547.16	4.206		30.20
30	29.829	29.822	36.356	22.805	505.49	1547.16	4.206		30.20
50	26.160	26.148	36.241	23.922	399.53	1539.31	5.038		50.34
50	26.160	26.148	36.241	23.922	399.53	1539.31	5.038		50.34
75	23.953	23.937	36.335	24.668	329.33	1534.55	5.074		75.52
75	23.953	23.937	36.335	24.668	329.33	1534.55	5.074		75.52
100	22.524	22.504	36.287	25.049	293.96	1531.31	4.822		100.69
100	22.524	22.504	36.287	25.049	293.96	1531.31	4.822		100.69
125	20.702	20.678	36.451	25.682	234.58	1527.10	3.924		125.88
125	20.702	20.678	36.451	25.682	234.58	1527.10	3.924		125.88
150	18.699	18.672	36.508	26.253	180.99	1522.01	3.543		151.06
150	18.699	18.672	36.508	26.253	180.99	1522.01	3.543		151.06
200	16.504	16.471	36.219	26.569	152.13	1516.07	3.429		201.44
200	16.504	16.471	36.219	26.569	152.13	1516.07	3.429		201.44
250	14.644	14.606	35.938	26.775	133.58	1510.80	3.450		251.83
250	14.644	14.606	35.938	26.775	133.58	1510.80	3.450		251.83
300	13.323	13.280	35.722	26.887	123.78	1507.10	3.223		302.23
300	13.323	13.280	35.722	26.887	123.78	1507.10	3.223		302.23
400	11.064	11.013	35.383	27.063	108.34	1500.70	3.067		403.07
400	11.064	11.013	35.383	27.063	108.34	1500.70	3.067		403.07
500	9.373	9.316	35.155	27.179	98.12	1496.05	3.065		503.96
500	9.373	9.316	35.155	27.179	98.12	1496.05	3.065		503.96
600	7.813	7.751	34.988	27.293	87.57	1491.71	3.231		604.90
600	7.813	7.751	34.988	27.293	87.57	1491.71	3.231		604.90
700	6.598	6.532	34.914	27.407	76.80	1488.60	3.599		705.89
700	6.598	6.532	34.914	27.407	76.80	1488.60	3.599		705.89
800	5.962	5.890	34.908	27.485	69.79	1487.75	3.980		806.92
800	5.962	5.890	34.908	27.485	69.79	1487.75	3.980		806.92

Cruise: GULFCET 06 **Station:** 04-036
Date: 5-Sep-93 **Time:** 0716 **Lat:** 27 25.75 **Long:** 94 09.91
Depth: 826 m **Wind Dir:** 339 ° **Wind Speed:** 1.5 m/s **Wave Dir:** 155°
Barometer: 29.79 in. **Air Temp Dry:** 27.9 °C **Air Temp Wet:** 24.9 °C **Secchi Depth:** 28.5 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.852	29.849	35.655	22.271	555.69	1546.14	4.248		10.07
20	29.903	29.898	35.702	22.288	554.42	1546.46	4.348		20.14
30	29.765	29.758	36.023	22.576	527.35	1546.68	4.325		30.20
50	26.615	26.604	36.214	23.758	415.23	1540.34	5.133		50.34
75	22.893	22.877	36.231	24.900	307.16	1531.77	5.216		75.52
100	20.823	20.804	36.554	25.728	229.32	1527.12	3.750		100.69
125	19.008	18.986	36.460	26.137	191.12	1522.42	3.203		125.88
150	17.871	17.845	36.437	26.406	166.25	1519.54	3.739		151.06
200	16.016	15.984	36.150	26.629	146.28	1514.50	3.547		201.44
250	13.930	13.893	35.819	26.836	127.49	1508.37	3.130		251.83
300	12.665	12.624	35.615	26.937	118.68	1504.79	3.341		302.23
400	10.300	10.252	35.273	27.114	102.96	1497.87	3.047		403.07
500	8.634	8.579	35.068	27.230	92.59	1493.22	3.059		503.96
600	7.278	7.219	34.944	27.336	82.84	1489.61	3.283		604.90
700	6.151	6.087	34.908	27.461	71.04	1486.83	3.748		705.89
800	5.573	5.503	34.915	27.539	64.04	1486.21	4.122		806.92

Cruise: GULFCET 06 **Station:** 04-042
Date: 5-Sep-93 **Time:** 0314 **Lat:** 27 53.96 **Long:** 94 09.97
Depth: 96 m **Wind Dir:** 310.2 ° **Wind Speed:** 1.4 m/s **Wave Dir:** °
Barometer: 29.78 in. **Air Temp Dry:** 26.5 °C **Air Temp Wet:** 24.1 °C **Secchi Depth:** m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.509	29.507	35.809	22.502	533.50	1545.58	4.364	.088	10.07
20	29.651	29.646	36.100	22.672	517.67	1546.35	4.356	.083	20.14
30	28.765	28.758	36.020	22.911	495.31	1544.56	4.484	.088	30.20
50	24.296	24.285	36.281	24.525	342.03	1534.91	5.123	.153	50.34
75	21.667	21.652	36.334	25.327	266.50	1528.71	4.540	.408	75.52

Cruise: GULFCET 06 **Station:** 05-043
Date: 4-Sep-93 **Time:** 2319 **Lat:** 28 00.02 **Long:** 93 30.07
Depth: 91 m **Wind Dir:** 105.2 ° **Wind Speed:** 1.2 m/s **Wave Dir:** °
Barometer: 29.80 in. **Air Temp Dry:** 27 °C **Air Temp Wet:** 25 °C **Secchi Depth:** m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.737	29.735	35.843	22.451	538.45	1546.10	4.367	.078	10.07
20	29.433	29.428	36.033	22.696	515.39	1545.83	4.299	.089	20.14
30	28.611	28.604	36.212	23.107	476.57	1544.43	4.495	.098	30.20
50	23.633	23.623	36.193	24.655	329.58	1533.18	5.241	.146	50.34
75	20.701	20.687	36.398	25.642	236.51	1526.20	4.115	.345	75.52

Cruise: GULFCET 06 **Station:** 05-047
Date: 4-Sep-93 **Time:** 1823 **Lat:** 27 25.96 **Long:** 93 30.01
Depth: 565 m **Wind Dir:** 309 ° **Wind Speed:** 4.1 m/s **Wave Dir:** 330°
Barometer: 29.81 in. **Air Temp Dry:** 28.5 °C **Air Temp Wet:** 24.5 °C **Secchi Depth:** 31 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.240	29.238	36.237	22.914	494.10	1545.46	4.389		10.07
20	29.118	29.113	36.233	22.953	490.85	1545.37	4.487		20.14
30	28.655	28.648	36.237	23.111	476.16	1544.56	4.573		30.20
50	23.655	23.645	36.286	24.720	323.44	1533.33	5.046		50.34
75	21.740	21.725	36.347	25.316	267.54	1528.92	4.538		75.52
100	17.931	17.914	36.322	26.303	174.31	1518.75	3.432		100.69
125	15.080	15.061	35.995	26.723	134.88	1510.16	3.152		125.88
150	14.016	13.994	35.847	26.839	124.36	1507.01	3.159		151.06
200	12.706	12.679	35.632	26.942	115.61	1503.28	3.169		201.44
250	11.461	11.428	35.433	27.028	108.25	1499.64	3.366		251.83
300	10.754	10.716	35.341	27.086	103.58	1497.90	3.140		302.23
400	9.056	9.012	35.117	27.201	93.78	1493.18	3.200		403.07
500	7.550	7.499	34.955	27.305	84.37	1489.00	3.407		503.96

Cruise: GULFCET 06 **Station:** 05-050
Date: 4-Sep-93 **Time:** 1125 **Lat:** 26 46.00 **Long:** 93 29.99
Depth: 1470 m **Wind Dir:** 242 ° **Wind Speed:** 4.0 m/s **Wave Dir:** 180°
Barometer: 29.91 in. **Air Temp Dry:** 27.8 °C **Air Temp Wet:** 26.2 °C **Secchi Depth:** 33 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.863	29.861	35.472	22.129	569.20	1545.97	4.579		10.07
20	29.858	29.853	35.474	22.133	569.27	1546.13	4.392		20.14
30	29.430	29.423	35.746	22.482	536.28	1545.69	4.401		30.20
50	25.475	25.464	36.332	24.204	372.63	1537.81	5.518		50.34
75	24.166	24.150	36.368	24.629	333.06	1535.11	5.404		75.52
100	23.084	23.063	36.309	24.904	307.79	1532.76	5.200		100.69
125	22.303	22.278	36.331	25.145	285.75	1531.21	5.092		125.88
150	20.735	20.706	36.488	25.701	233.68	1527.65	3.953		151.06
200	17.052	17.018	36.323	26.518	157.10	1517.83	3.577		201.44
250	14.394	14.357	35.901	26.800	131.05	1509.96	3.309		251.83
300	12.993	12.951	35.676	26.919	120.63	1505.96	3.287		302.23
400	10.682	10.633	35.331	27.091	105.37	1499.30	3.126		403.07
500	9.008	8.952	35.113	27.206	95.21	1494.66	3.192		503.96
600	7.458	7.398	34.953	27.317	84.81	1490.31	3.372		604.90
700	6.372	6.306	34.900	27.425	74.68	1487.69	3.708		705.89
800	5.722	5.651	34.907	27.515	66.61	1486.79	4.004		806.92

Cruise: GULFCET 06 **Station:** 05-053
Date: 4-Sep-93 **Time:** 0514 **Lat:** 26 10.01 **Long:** 93 29.98
Depth: 2000 m **Wind Dir:** 164 ° **Wind Speed:** 2.7 m/s **Wave Dir:** °
Barometer: 29.90 in. **Air Temp Dry:** 27.8 °C **Air Temp Wet:** 25.5 °C **Secchi Depth:** m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.527	29.525	35.905	22.569	527.18	1545.72	4.424		10.07
20	29.556	29.552	36.062	22.676	517.30	1546.12	4.340		20.14
30	29.530	29.523	36.179	22.773	508.49	1546.35	4.347		30.20
50	28.409	28.397	36.627	23.486	441.20	1544.77	4.569		50.34
75	23.474	23.458	36.292	24.777	318.92	1533.31	5.133		75.52
100	21.934	21.914	36.282	25.213	278.35	1529.77	4.688		100.69
125	20.460	20.436	36.440	25.739	229.10	1526.43	3.683		125.88
150	18.940	18.913	36.464	26.157	190.04	1522.65	3.040		151.06
200	16.293	16.260	36.201	26.605	148.67	1515.40	3.238		201.44
250	14.049	14.012	35.840	26.827	128.41	1508.78	3.045		251.83
300	12.573	12.532	35.616	26.957	116.82	1504.48	2.948		302.23
400	10.183	10.135	35.261	27.125	101.81	1497.44	2.984		403.07
500	8.700	8.645	35.077	27.227	92.92	1493.48	3.019		503.96
600	7.417	7.357	34.957	27.326	83.93	1490.16	3.283		604.90
700	6.541	6.475	34.913	27.414	76.06	1488.37	3.550		705.89
800	5.850	5.778	34.908	27.499	68.28	1487.31	3.877		806.92

Cruise: GULFCET 06 Station: 06-054
 Date: 4-Sep-93 Time: 0029 Lat: 26 14.04 Long: 92 49.96
 Depth: 2000 m Wind Dir: 136 ° Wind Speed: 2.9 m/s Wave Dir: °
 Barometer: 29.94 in. Air Temp Dry: 27.2 °C Air Temp Wet: 25.5 °C Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.437	29.434	36.209	22.827	502.44	1545.85	4.374		10.07
20	29.434	29.429	36.208	22.828	502.82	1546.01	4.344		20.14
30	29.399	29.392	36.269	22.885	497.79	1546.17	4.332		30.20
50	27.987	27.975	36.293	23.374	451.86	1543.50	4.646		50.34
75	24.334	24.318	36.316	24.540	341.58	1535.46	5.190		75.52
100	22.174	22.154	36.282	25.145	284.84	1530.40	4.764		100.69
125	20.724	20.700	36.390	25.629	239.54	1527.09	3.741		125.88
150	19.402	19.375	36.475	26.046	200.66	1523.97	3.125		151.06
200	16.649	16.616	36.225	26.539	155.01	1516.51	3.232		201.44
250	14.200	14.163	35.864	26.813	129.78	1509.29	3.146		251.83
300	12.847	12.806	35.654	26.931	119.38	1505.45	3.080		302.23
400	10.663	10.614	35.328	27.093	105.23	1499.23	3.043		403.07
500	9.174	9.118	35.132	27.194	96.53	1495.30	3.064		503.96
600	7.989	7.926	35.003	27.278	89.14	1492.39	3.178		604.90
700	6.829	6.761	34.921	27.381	79.58	1489.51	3.442		705.89
800	6.098	6.024	34.905	27.465	71.90	1488.29	3.742		806.92

Cruise: GULFCET 06 Station: 06-055
 Date: 3-Sep-93 Time: 1907 Lat: 26 45.98 Long: 92 49.94
 Depth: 1745 m Wind Dir: 334.9 ° Wind Speed: 0.8 m/s Wave Dir 120°
 Barometer: 29.91 in. Air Temp Dry: 26.5 °C Air Temp Wet: 24 °C Secchi Depth: 35 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.894	29.892	35.794	22.361	547.07	1546.37	4.239		10.07
20	29.891	29.886	35.894	22.436	540.25	1546.64	4.251		20.14
30	29.732	29.725	35.939	22.524	532.30	1546.53	4.211		30.20
50	26.928	26.917	36.167	23.622	428.20	1541.00	4.704		50.34
75	22.826	22.810	36.199	24.895	307.65	1531.57	5.124		75.52
100	21.344	21.324	36.359	25.435	257.11	1528.30	4.325		100.69
125	17.787	17.765	36.375	26.379	167.93	1518.81	3.344		125.88
150	16.451	16.427	36.217	26.580	149.48	1515.07	3.403		151.06
200	14.884	14.853	35.974	26.750	134.52	1510.77	3.394		201.44
250	13.339	13.304	35.724	26.886	122.54	1506.33	3.283		251.83
300	12.220	12.180	35.558	26.981	114.33	1503.22	3.249		302.23
400	9.633	9.587	35.174	27.151	98.94	1495.36	3.176		403.07
500	8.330	8.277	35.035	27.251	90.26	1492.05	3.208		503.96
600	6.986	6.927	34.920	27.358	80.37	1488.45	3.582		604.90
700	6.159	6.095	34.905	27.458	71.34	1486.86	3.973		705.89

Cruise: GULFCET 06 Station: 06-059
 Date: 3-Sep-93 Time: 1246 Lat: 27 25.83 Long: 92 50.08
 Depth: 1035 m Wind Dir: 138.8 ° Wind Speed: 2.9 m/s Wave Dir 210°
 Barometer: 29.95 in. Air Temp Dry: 27.2 °C Air Temp Wet: 26.5 °C Secchi Depth: 29 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.802	29.800	35.740	22.352	547.94	1546.13	4.248		10.07
20	29.752	29.747	35.780	22.399	543.87	1546.23	4.243		20.14
30	28.212	28.205	35.994	23.075	479.58	1543.34	4.670		30.20
50	23.796	23.786	36.303	24.690	326.26	1533.70	5.145		50.34
75	21.800	21.785	36.358	25.308	268.34	1529.09	4.625		75.52
100	19.167	19.148	36.487	26.116	192.24	1522.48	3.353		100.69
125	17.695	17.673	36.359	26.390	166.94	1518.52	3.271		125.88
150	16.407	16.383	36.204	26.581	149.41	1514.92	3.165		151.06
200	13.953	13.924	35.834	26.843	125.42	1507.63	3.017		201.44
250	12.361	12.328	35.577	26.968	114.34	1502.89	3.178		251.83
300	11.245	11.207	35.411	27.052	107.13	1499.70	3.112		302.23
400	9.216	9.171	35.121	27.178	96.04	1493.77	3.211		403.07
500	7.871	7.819	34.981	27.279	87.19	1490.25	3.377		503.96
600	6.726	6.669	34.911	27.387	77.33	1487.43	3.601		604.90
700	6.146	6.082	34.905	27.459	71.17	1486.81	3.905		705.89
800	5.662	5.591	34.915	27.529	65.20	1486.56	4.118		806.92

Cruise: GULFCET 06 **Station:** 06-064
Date: 3-Sep-93 **Time:** 0655 **Lat:** 28 01.97 **Long:** 92 50.00
Depth: 96 m **Wind Dir:** 253.1 ° **Wind Speed:** 4.7 m/s **Wave Dir:** 80 °
Barometer: 29.88 in. **Air Temp Dry:** 28 °C **Air Temp Wet:** 26 °C **Secchi Depth:** m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.720	29.717	35.705	22.353	547.82	1545.92	4.329	.089	10.07
20	29.727	29.722	35.706	22.351	548.38	1546.10	4.280	.082	20.14
30	28.609	28.602	36.041	22.978	488.84	1544.25	4.521	.093	30.20
50	24.332	24.321	36.276	24.510	343.41	1534.99	5.219	.120	50.34
75	22.331	22.316	36.285	25.102	287.96	1530.39	4.914	.261	75.52

Cruise: GULFCET 06 **Station:** 07-065
Date: 3-Sep-93 **Time:** 0251 **Lat:** 28 02.11 **Long:** 92 10.01
Depth: 101 m **Wind Dir:** 206 ° **Wind Speed:** 2.6 m/s **Wave Dir:** °
Barometer: 29.88 in. **Air Temp Dry:** 26 °C **Air Temp Wet:** 24.2 °C **Secchi Depth:** m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.870	29.868	35.554	22.188	563.58	1546.07	4.306	.103	10.07
20	29.685	29.681	35.754	22.402	543.58	1546.07	4.258	.083	20.14
30	28.777	28.769	36.103	22.970	489.66	1544.68	4.526	.100	30.20
50	23.679	23.669	36.069	24.548	339.79	1533.16	5.276	.145	50.34
75	20.284	20.270	36.347	25.715	229.54	1525.01	4.068	.325	75.52

Cruise: GULFCET 06 **Station:** 07-071
Date: 2-Sep-93 **Time:** 2109 **Lat:** 27 25.93 **Long:** 92 10.03
Depth: 814 m **Wind Dir:** 99.3 ° **Wind Speed:** 3.6 m/s **Wave Dir:** °
Barometer: 29.87 in. **Air Temp Dry:** 27.5 °C **Air Temp Wet:** 26 °C **Secchi Depth:** m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	30.150	30.147	35.477	22.035	578.26	1546.57	4.299		10.07
20	30.070	30.065	35.495	22.076	574.72	1546.59	4.263		20.14
30	29.454	29.447	35.982	22.651	520.17	1545.99	4.405		30.20
50	24.106	24.096	36.154	24.486	345.75	1534.31	5.150		50.34
75	20.806	20.792	36.244	25.496	250.41	1526.31	4.857		75.52
100	19.407	19.388	36.417	26.001	203.19	1523.08	3.746		100.69
125	16.935	16.915	36.257	26.496	156.70	1516.16	3.224		125.88
150	15.138	15.115	36.023	26.731	134.87	1510.79	3.352		151.06
200	13.083	13.055	35.697	26.917	118.12	1504.61	3.250		201.44
250	11.599	11.566	35.466	27.028	108.32	1500.16	3.225		251.83
300	10.663	10.626	35.335	27.098	102.46	1497.57	3.181		302.23
400	8.971	8.927	35.103	27.203	93.45	1492.85	3.198		403.07
500	7.457	7.407	34.968	27.329	82.01	1488.66	3.368		503.96
600	6.549	6.493	34.902	27.403	75.56	1486.72	3.711		604.90
700	5.796	5.734	34.906	27.505	66.36	1485.42	4.104		705.89

Cruise: GULFCET 06 Station: 07-073
 Date: 2-Sep-93 Time: 1340 Lat: 26 45.97 Long: 92 09.96
 Depth: 1800 m Wind Dir: 318.9 ° Wind Speed: 4.2 m/s Wave Dir 320°
 Barometer: 29.85 in. Air Temp Dry: 28 °C Air Temp Wet: 26 °C Secchi Depth: 35 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.954	29.952	35.962	22.466	536.99	1546.67	4.447		10.07
20	29.843	29.838	36.076	22.589	525.64	1546.73	4.512		20.14
30	29.710	29.702	36.168	22.704	515.11	1546.72	4.557		30.20
50	27.400	27.388	36.303	23.573	432.92	1542.21	4.924		50.34
75	24.136	24.120	36.350	24.625	333.47	1535.02	5.182		75.52
100	22.905	22.884	36.290	24.941	304.25	1532.29	5.134		100.69
125	21.856	21.831	36.393	25.319	269.18	1530.11	4.563		125.88
150	19.283	19.255	36.470	26.073	198.12	1523.63	3.657		151.06
200	15.538	15.507	36.085	26.689	140.46	1512.95	3.382		201.44
250	13.054	13.018	35.687	26.915	119.61	1505.34	3.263		251.83
300	10.956	10.918	35.356	27.061	106.06	1498.62	3.326		302.23
400	9.038	8.994	35.117	27.204	93.43	1493.11	3.287		403.07
500	7.513	7.463	34.950	27.306	84.21	1488.85	3.551		503.96
600	6.489	6.433	34.906	27.415	74.39	1486.49	3.861		604.90
700	5.814	5.752	34.907	27.503	66.58	1485.49	4.208		705.89
800	5.395	5.326	34.917	27.563	61.55	1485.49	4.429		806.92

Cruise: GULFCET 06 Station: 07-075
 Date: 2-Sep-93 Time: 0820 Lat: 26 16.96 Long: 92 09.97
 Depth: 2000 m Wind Dir: 346.1 ° Wind Speed: 2.2 m/s Wave Dir 125°
 Barometer: 29.86 in. Air Temp Dry: 27.9 °C Air Temp Wet: 25.5 °C Secchi Depth: 42 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.724	29.722	36.095	22.644	519.96	1546.33	3.945		10.07
20	29.665	29.660	36.135	22.694	515.58	1546.42	3.995		20.14
30	29.628	29.621	36.305	22.835	502.61	1546.69	4.025		30.20
50	28.187	28.175	36.311	23.322	456.90	1543.96	4.371		50.34
75	24.999	24.983	36.456	24.444	350.78	1537.23	4.567		75.52
100	23.288	23.267	36.268	24.814	316.42	1533.24	4.715		100.69
125	21.742	21.717	36.311	25.288	272.11	1529.72	4.487		125.88
150	20.286	20.257	36.473	25.811	223.17	1526.41	3.394		151.06
200	17.291	17.257	36.312	26.453	163.40	1518.53	2.965		201.44
250	15.058	15.019	35.991	26.724	138.51	1512.17	2.977		251.83
300	13.512	13.468	35.759	26.877	124.81	1507.77	2.969		302.23
400	11.136	11.085	35.395	27.059	108.73	1500.97	3.001		403.07
500	9.289	9.232	35.140	27.181	97.86	1495.73	3.037		503.96
600	7.783	7.721	34.975	27.287	88.03	1491.57	3.222		604.90
700	6.917	6.849	34.919	27.367	80.99	1489.85	3.419		705.89

Cruise: GULFCET 06 Station: 08-076
 Date: 2-Sep-93 Time: 0242 Lat: 26 36.96 Long: 91 29.89
 Depth: 2000 m Wind Dir: 20 ° Wind Speed: 1.8 m/s Wave Dir 315°
 Barometer: 29.83 in. Air Temp Dry: 25.5 °C Air Temp Wet: 25.1 °C Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.896	29.893	35.544	22.173	565.05	1546.12	4.312		10.07
20	29.901	29.896	35.544	22.171	565.66	1546.30	4.301		20.14
30	29.901	29.894	35.546	22.171	566.01	1546.47	4.273		30.20
50	26.268	26.257	36.208	23.863	405.18	1539.53	5.011		50.34
75	24.333	24.317	36.334	24.554	340.24	1535.48	5.094		75.52
100	22.916	22.896	36.290	24.938	304.56	1532.32	4.975		100.69
125	20.819	20.795	36.432	25.636	238.96	1527.40	4.292		125.88
150	18.570	18.543	36.453	26.243	181.86	1521.58	3.155		151.06
200	16.065	16.033	36.151	26.619	147.27	1514.65	3.147		201.44
250	14.617	14.579	35.931	26.775	133.56	1510.71	3.170		251.83
300	13.003	12.961	35.677	26.917	120.76	1505.99	3.444		302.23
400	10.633	10.584	35.321	27.092	105.26	1499.11	3.084		403.07
500	8.622	8.568	35.057	27.223	93.22	1493.17	3.168		503.96
600	7.491	7.430	34.951	27.311	85.45	1490.43	3.337		604.90
700	6.494	6.428	34.912	27.419	75.48	1488.19	3.666		705.89
800	5.800	5.728	34.907	27.505	67.68	1487.10	4.055		806.92

Cruise: GULFCET 06 **Station:** 08-080
Date: 1-Sep-93 **Time:** 1901 **Lat:** 27 25.98 **Long:** 91 29.99
Depth: 950 m **Wind Dir:** 333 ° **Wind Speed:** 4.0 m/s **Wave Dir:** 0 °
Barometer: 29.79 in. **Air Temp Dry:** 29 °C **Air Temp Wet:** 25.5 °C **Secchi Depth:** 30 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.889	29.887	35.653	22.256	557.08	1546.21	4.179		10.07
20	29.762	29.757	36.040	22.590	525.54	1546.53	4.304		20.14
30	27.836	27.829	36.292	23.423	446.42	1542.83	4.623		30.20
50	24.045	24.034	36.285	24.603	334.60	1534.30	5.021		50.34
75	21.187	21.172	36.363	25.482	251.72	1527.47	4.664		75.52
100	18.973	18.955	36.435	26.127	191.17	1521.88	3.440		100.69
125	17.623	17.601	36.351	26.402	165.80	1518.30	3.186		125.88
150	16.384	16.359	36.199	26.582	149.27	1514.84	3.259		151.06
200	13.982	13.953	35.826	26.831	126.61	1507.71	3.271		201.44
250	12.564	12.530	35.612	26.955	115.68	1503.62	3.089		251.83
300	11.304	11.266	35.423	27.050	107.34	1499.92	3.106		302.23
400	9.428	9.382	35.153	27.169	97.11	1494.58	3.152		403.07
500	7.987	7.935	35.002	27.278	87.40	1490.71	3.221		503.96
600	6.884	6.827	34.929	27.379	78.23	1488.07	3.516		604.90
700	6.106	6.042	34.904	27.464	70.68	1486.65	3.894		705.89
800	5.563	5.493	34.911	27.538	64.20	1486.16	4.196		806.92

Cruise: GULFCET 06 **Station:** 08-086
Date: 1-Sep-93 **Time:** 1320 **Lat:** 28 07.52 **Long:** 91 30.08
Depth: 100 m **Wind Dir:** 16.3 ° **Wind Speed:** 5.2 m/s **Wave Dir:** 45 °
Barometer: 29.85 in. **Air Temp Dry:** 28 °C **Air Temp Wet:** 26.5 °C **Secchi Depth:** 25 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.942	29.940	35.154	21.864	594.63	1545.80	4.269	.116	10.07
20	29.902	29.897	35.151	21.876	593.92	1545.89	4.307	.136	20.14
30	29.446	29.439	35.846	22.552	529.65	1545.83	4.416	.120	30.20
50	24.408	24.397	36.177	24.413	352.71	1535.07	5.102	.176	50.34
75	20.446	20.432	36.273	25.615	239.05	1525.37	4.010	.369	75.52

Cruise: GULFCET 06 **Station:** 09-087
Date: 1-Sep-93 **Time:** 0904 **Lat:** 28 08.99 **Long:** 90 50.00
Depth: 106 m **Wind Dir:** 336 ° **Wind Speed:** 3.3 m/s **Wave Dir:** °
Barometer: 29.84 in. **Air Temp Dry:** 27.5 °C **Air Temp Wet:** 26.2 °C **Secchi Depth:** 28 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	30.055	30.052	35.095	21.781	602.52	1545.98	4.349	.161	10.07
20	30.062	30.057	35.454	22.048	577.45	1546.54	4.312	.123	20.14
30	29.938	29.930	35.862	22.396	544.51	1546.87	4.416	.130	30.20
50	24.735	24.724	36.304	24.410	353.00	1536.00	5.234	.162	50.34
75	20.592	20.578	36.281	25.582	242.16	1525.77	4.493	.268	75.52

Cruise: GULFCET 06 **Station:** 09-093 **Lat:** 27 25.90 **Long:** 90 50.05
Date: 1-Sep-93 **Time:** 0142 **Wind Speed:** 5.4 m/s **Wave Dir** °
Depth: 832 m **Wind Dir:** 342 ° **Air Temp Wet:** 26 °C **Secchi Depth:** m
Barometer: 29.81 in. **Air Temp Dry:** 28 °C

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.994	29.991	35.379	22.015	580.18	1546.15	4.303		10.07
20	30.028	30.023	35.445	22.053	576.94	1546.46	4.283		20.14
30	29.621	29.614	35.906	22.537	531.06	1546.26	4.442		30.20
50	24.358	24.348	36.047	24.329	360.65	1534.81	5.201		50.34
75	21.754	21.739	36.304	25.280	270.99	1528.90	4.749		75.52
100	19.325	19.307	36.449	26.046	198.86	1522.88	3.481		100.69
125	17.546	17.525	36.356	26.424	163.65	1518.08	3.133		125.88
150	16.407	16.383	36.195	26.574	150.07	1514.91	3.190		151.06
200	14.239	14.209	35.867	26.807	128.90	1508.59	3.141		201.44
250	12.847	12.812	35.653	26.931	118.07	1504.61	3.117		251.83
300	11.640	11.601	35.472	27.025	109.85	1501.14	3.229		302.23
400	9.565	9.519	35.165	27.155	98.53	1495.10	3.228		403.07
500	8.081	8.028	34.994	27.258	89.40	1491.06	3.334		503.96
600	6.918	6.860	34.914	27.363	79.85	1488.18	3.579		604.90
700	6.166	6.102	34.901	27.453	71.78	1486.88	3.918		705.89
800	5.549	5.479	34.911	27.539	64.00	1486.11	4.291		806.92

Cruise: GULFCET 06 **Station:** 09-096 **Lat:** 26 44.98 **Long:** 90 50.02
Date: 31-Aug-93 **Time:** 1849 **Wind Speed:** 3.8 m/s **Wave Dir** 40 °
Depth: 2000 m **Wind Dir:** 348.1 ° **Air Temp Wet:** 25.2 °C **Secchi Depth:** 35 m
Barometer: 29.80 in. **Air Temp Dry:** 28 °C

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	30.153	30.151	36.248	22.612	523.04	1547.38	4.156		10.07
20	29.794	29.789	36.362	22.821	503.51	1546.93	4.197		20.14
30	29.743	29.735	36.387	22.857	500.45	1547.02	4.244		30.20
50	28.878	28.865	36.368	23.135	474.75	1545.51	4.354		50.34
75	24.416	24.400	36.295	24.499	345.48	1535.64	5.084		75.52
100	22.412	22.392	36.264	25.064	292.56	1531.00	4.791		100.69
125	20.083	20.060	36.455	25.851	218.39	1525.42	3.696		125.88
150	18.408	18.382	36.487	26.310	175.46	1521.16	3.366		151.06
200	15.891	15.859	36.119	26.635	145.71	1514.08	3.264		201.44
250	14.045	14.009	35.849	26.835	127.67	1508.78	3.133		251.83
300	12.605	12.564	35.611	26.946	117.82	1504.59	3.398		302.23
400	10.143	10.095	35.253	27.126	101.71	1497.29	3.054		403.07
500	8.604	8.549	35.062	27.230	92.52	1493.10	3.185		503.96
600	7.281	7.221	34.943	27.334	82.96	1489.61	3.383		604.90
700	6.246	6.181	34.903	27.445	72.69	1487.20	3.881		705.89
800	5.640	5.570	34.909	27.526	65.38	1486.47	4.201		806.92

Cruise: GULFCET 06 Station: 10-097
 Date: 31-Aug-93 Time: 1341 Lat: 27 09.97 Long: 90 10.02
 Depth: 2000 m Wind Dir: 311.1 ° Wind Speed: 7.1 m/s Wave Dir 130°
 Barometer: 29.83 in. Air Temp Dry: 28 °C Air Temp Wet: 25 °C Secchi Depth: 30 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	30.052	30.050	36.115	22.547	529.26	1547.03	4.210		10.07
20	29.956	29.951	36.124	22.587	525.83	1547.01	4.244		20.14
30	28.364	28.357	36.360	23.300	458.14	1544.05	4.756		30.20
50	23.709	23.698	36.495	24.862	309.92	1533.69	4.963		50.34
75	20.606	20.592	36.536	25.773	224.07	1526.10	4.279		75.52
100	18.187	18.169	36.398	26.298	174.84	1519.58	3.537		100.69
125	16.928	16.907	36.294	26.526	153.85	1516.18	3.626		125.88
150	15.940	15.916	36.143	26.642	143.49	1513.42	3.579		151.06
200	13.823	13.794	35.806	26.848	124.85	1507.17	3.488		201.44
250	12.355	12.321	35.563	26.958	115.28	1502.85	3.482		251.83
300	11.065	11.027	35.360	27.044	107.72	1499.01	3.419		302.23
400	9.110	9.066	35.111	27.187	95.08	1493.37	3.297		403.07
500	7.672	7.622	34.959	27.290	85.91	1489.47	3.388		503.96
600	6.763	6.706	34.912	27.383	77.78	1487.57	3.582		604.90
700	5.960	5.897	34.903	27.481	68.85	1486.07	3.988		705.89
800	5.477	5.407	34.913	27.550	62.91	1485.82	4.327		806.92

Cruise: GULFCET 06 Station: 10-100
 Date: 31-Aug-93 Time: 0758 Lat: 27 46.06 Long: 90 10.00
 Depth: 800 m Wind Dir: 334 ° Wind Speed: 5.7 m/s Wave Dir 129°
 Barometer: 29.83 in. Air Temp Dry: 28.7 °C Air Temp Wet: 26.5 °C Secchi Depth: 30 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.702	29.700	36.058	22.624	521.87	1546.25	4.340		10.07
20	29.263	29.258	36.163	22.851	500.57	1545.61	4.571		20.14
30	27.811	27.803	36.176	23.344	453.94	1542.65	4.718		30.20
50	24.328	24.318	36.282	24.516	342.89	1534.99	5.160		50.34
75	21.560	21.545	36.577	25.542	246.11	1528.70	4.065		75.52
100	19.550	19.532	36.536	26.054	198.15	1523.61	3.566		100.69
125	17.719	17.697	36.395	26.411	164.89	1518.63	3.679		125.88
150	16.665	16.640	36.261	26.564	151.07	1515.77	3.471		151.06
200	14.598	14.568	35.926	26.775	132.07	1509.81	3.482		201.44
250	12.915	12.880	35.665	26.926	118.54	1504.85	3.173		251.83
300	11.470	11.431	35.440	27.032	109.11	1500.51	3.249		302.23
400	9.549	9.503	35.159	27.153	98.70	1495.03	3.177		403.07
500	7.837	7.786	34.975	27.279	87.16	1490.12	3.268		503.96
600	6.734	6.677	34.914	27.388	77.24	1487.46	3.621		604.90
700	5.978	5.915	34.903	27.479	69.08	1486.14	4.011		705.89

Cruise: GULFCET 06 Station: 10-105
 Date: 31-Aug-93 Time: 0318 Lat: 28 15.99 Long: 90 10.00
 Depth: 90 m Wind Dir: 343.2 ° Wind Speed: 6.0 m/s Wave Dir °
 Barometer: 29.80 in. Air Temp Dry: 27.5 °C Air Temp Wet: 25 °C Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	30.050	30.048	35.463	22.059	575.98	1546.35	4.197	.085	10.07
20	29.962	29.956	35.742	22.298	553.46	1546.63	4.216	.088	20.14
30	29.559	29.552	35.837	22.507	533.93	1546.06	4.295	.092	30.20
50	24.882	24.871	36.158	24.255	367.76	1536.20	5.067	.141	50.34
75	21.203	21.188	36.272	25.409	258.71	1527.41	4.589	.302	75.52

Cruise: GULFCET 06 **Station:** 11-106
Date: 30-Aug-93 **Time:** 2200 **Lat:** 28 44.96 **Long:** 89 29.95
Depth: 95 m **Wind Dir:** 343.1 ° **Wind Speed:** 5.6 m/s **Wave Dir:** °
Barometer: 29.81 in. **Air Temp Dry:** 28 °C **Air Temp Wet:** 25.5 °C **Secchi Depth:** m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	30.208	30.205	34.897	21.580	621.79	1546.09	4.393	1.280	10.07
20	30.163	30.158	35.055	21.714	609.38	1546.33	4.257	.238	20.14
30	28.637	28.629	35.840	22.818	504.13	1544.10	4.460	.193	30.20
50	21.584	21.574	36.228	25.269	271.04	1527.95	4.542	.176	50.34
75	19.753	19.739	36.350	25.859	215.81	1523.55	2.934	.100	75.52

Cruise: GULFCET 06 **Station:** 11-112
Date: 30-Aug-93 **Time:** 1526 **Lat:** 28 06.13 **Long:** 89 29.97
Depth: 1075 m **Wind Dir:** 304.7 ° **Wind Speed:** 6.0 m/s **Wave Dir:** 30 °
Barometer: 29.80 in. **Air Temp Dry:** 29.2 °C **Air Temp Wet:** 26.2 °C **Secchi Depth:** 30 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	30.058	30.056	36.020	22.474	536.23	1546.95	4.219		10.07
20	29.826	29.821	36.199	22.688	516.24	1546.82	4.197		20.14
30	29.417	29.410	36.243	22.859	500.24	1546.18	4.272		30.20
50	27.549	27.537	36.279	23.507	439.23	1542.51	4.483		50.34
75	25.685	25.668	36.502	24.267	367.67	1538.91	4.452		75.52
100	24.165	24.143	36.698	24.880	310.24	1535.89	3.991		100.69
125	22.117	22.092	36.829	25.577	244.78	1531.27	3.891		125.88
150	19.722	19.694	36.581	26.044	201.01	1524.98	3.638		151.06
200	16.544	16.511	36.249	26.583	150.86	1516.22	3.851		201.44
250	14.498	14.460	35.918	26.791	131.98	1510.31	3.742		251.83
300	13.380	13.337	35.713	26.869	125.53	1507.28	3.666		302.23
400	11.251	11.199	35.382	27.028	111.76	1501.35	3.466		403.07
500	9.068	9.012	35.093	27.181	97.64	1494.86	3.287		503.96
600	7.811	7.749	34.966	27.275	89.18	1491.67	3.279		604.90
700	6.795	6.728	34.909	27.375	80.02	1489.36	3.510		705.89
800	5.523	5.453	34.909	27.541	63.84	1486.00	4.089		806.92

Cruise: GULFCET 06 **Station:** 11-115
Date: 30-Aug-93 **Time:** 0830 **Lat:** 27 27.80 **Long:** 89 29.93
Depth: 2000 m **Wind Dir:** 27 ° **Wind Speed:** 3.0 m/s **Wave Dir:** °
Barometer: 29.87 in. **Air Temp Dry:** °C **Air Temp Wet:** °C **Secchi Depth:** 16 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.596	29.594	36.242	22.798	505.24	1546.22	4.241		10.07
20	29.598	29.593	36.243	22.798	505.70	1546.39	4.253		20.14
30	29.133	29.126	36.190	22.915	494.89	1545.53	4.332		30.20
50	28.341	28.329	36.228	23.208	467.73	1544.20	4.460		50.34
75	26.770	26.753	36.372	23.827	409.66	1541.28	4.463		75.52
100	25.523	25.501	36.607	24.397	356.33	1539.06	4.105		100.69
125	23.629	23.602	36.858	25.161	284.47	1535.16	3.807		125.88
150	21.251	21.221	36.747	25.757	228.51	1529.32	3.740		151.06
200	18.934	18.897	36.616	26.275	180.70	1523.64	3.906		201.44
250	17.295	17.253	36.385	26.508	159.85	1519.47	4.096		251.83
300	15.917	15.869	36.148	26.651	147.34	1515.87	3.914		302.23
400	12.708	12.653	35.628	26.938	121.23	1506.62	3.138		403.07
500	9.992	9.933	35.216	27.122	104.03	1498.37	3.227		503.96
600	8.245	8.181	35.014	27.248	92.32	1493.37	3.292		604.90
700	6.955	6.887	34.918	27.361	81.61	1490.00	3.536		705.89
800	6.206	6.132	34.902	27.449	73.66	1488.71	3.856		806.92

Cruise: GULFCET 06 **Statio0:** 12-116
Date: 30-Aug-93 **Time:** 0347 **Lat:** 27 26.02 **Long:** 88 49.97
Depth: 2000 m **Wind Dir:** 282 ° **Wind Speed:** 3.8 m/s **Wave Dir**
Barometer: 29.81 in. **Air Temp Dry:** 27.8 °C **Air Temp Wet:** 25.5 °C **Secchi Depth:** m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.780	29.777	36.149	22.666	517.87	1546.51	4.219		10.07
20	29.726	29.721	36.142	22.679	517.04	1546.56	4.269		20.14
30	29.255	29.247	36.166	22.856	500.53	1545.76	4.364		30.20
50	28.613	28.601	36.166	23.071	480.81	1544.73	4.417		50.34
75	27.926	27.908	36.236	23.351	455.11	1543.73	4.488		75.52
100	26.336	26.313	36.438	24.015	392.73	1540.78	4.408		100.69
125	25.069	25.042	36.683	24.595	338.46	1538.48	3.970		125.88
150	23.384	23.353	36.854	25.230	278.90	1534.96	3.795		151.06
200	20.494	20.456	36.781	25.989	208.15	1528.16	3.809		201.44
250	19.004	18.959	36.633	26.270	182.98	1524.70	3.986		251.83
300	17.397	17.346	36.394	26.489	163.30	1520.62	4.135		302.23
400	15.083	15.021	36.005	26.730	142.50	1514.78	3.918		403.07
500	12.591	12.522	35.588	26.931	124.48	1507.85	3.553		503.96
600	10.034	9.962	35.233	27.129	105.66	1500.20	3.115		604.90
700	8.148	8.073	34.996	27.249	93.86	1494.65	3.248		705.89
800	6.952	6.873	34.915	27.359	83.35	1491.65	3.486		806.92

Cruise: GULFCET 06 **Station:** 12-117
Date: 30-Aug-93 **Time:** 0003 **Lat:** 27 45.73 **Long:** 88 49.25
Depth: 1575 m **Wind Dir:** 309 ° **Wind Speed:** 4.4 m/s **Wave Dir**
Barometer: 29.84 in. **Air Temp Dry:** 28 °C **Air Temp Wet:** 24.8 °C **Secchi Depth:** m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.800	29.798	36.197	22.695	515.09	1546.60	4.240		10.07
20	29.699	29.694	36.193	22.726	512.56	1546.55	4.267		20.14
30	29.270	29.262	36.156	22.844	501.68	1545.78	4.325		30.20
50	28.417	28.405	36.201	23.163	472.07	1544.34	4.469		50.34
75	27.248	27.230	36.309	23.627	428.79	1542.30	4.448		75.52
100	25.786	25.764	36.568	24.286	366.93	1539.64	4.258		100.69
125	24.366	24.339	36.768	24.872	311.99	1536.88	3.890		125.88
150	22.252	22.222	36.879	25.576	245.82	1532.10	3.719		151.06
200	19.887	19.849	36.722	26.107	196.82	1526.43	3.780		201.44
250	18.043	17.999	36.493	26.407	169.67	1521.79	4.056		251.83
300	16.299	16.250	36.207	26.608	151.64	1517.10	3.849		302.23
400	13.403	13.346	35.721	26.870	128.15	1509.04	3.561		403.07
500	11.273	11.209	35.382	27.024	114.54	1503.10	3.395		503.96
600	9.231	9.163	35.124	27.178	100.06	1497.16	3.170		604.90
700	7.578	7.507	34.951	27.298	88.46	1492.43	3.391		705.89
800	6.557	6.481	34.906	27.405	78.30	1490.10	3.726		806.92

Cruise: GULFCET 06 **Station:** 12-119
Date: 29-Aug-93 **Time:** 1713 **Lat:** 28 25.90 **Long:** 88 49.93
Depth: 1300 m **Wind Dir:** 231.6 ° **Wind Speed:** 3.9 m/s **Wave Dir:** 220°
Barometer: 29.82 in. **Air Temp Dry:** 31 °C **Air Temp Wet:** 27 °C **Secchi Depth:** 38 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.774	29.771	35.916	22.493	534.42	1546.25	4.627		10.07
20	29.817	29.812	36.063	22.589	525.68	1546.66	4.608		20.14
30	29.652	29.645	36.159	22.716	513.90	1546.59	4.644		30.20
50	25.763	25.751	36.270	24.068	385.60	1538.42	5.420		50.34
75	23.582	23.566	36.323	24.769	319.73	1533.61	5.384		75.52
100	21.619	21.599	36.272	25.293	270.71	1528.93	5.131		100.69
125	19.559	19.536	36.429	25.970	207.06	1523.93	3.961		125.88
150	17.619	17.594	36.352	26.403	166.52	1518.71	3.624		151.06
200	14.874	14.844	35.972	26.750	134.50	1510.74	3.564		201.44
250	13.238	13.202	35.714	26.899	121.26	1505.98	3.728		251.83
300	11.946	11.906	35.503	26.991	113.26	1502.22	3.805		302.23
400	9.909	9.862	35.211	27.133	100.86	1496.39	3.664		403.07
500	8.354	8.300	35.027	27.242	91.20	1492.13	3.663		503.96
600	7.098	7.039	34.927	27.348	81.47	1488.89	3.863		604.90
700	6.233	6.168	34.904	27.447	72.42	1487.15	4.148		705.89
800	5.594	5.523	34.911	27.534	64.63	1486.28	4.486		806.92

Cruise: GULFCET 06 **Station:** 12-125
Date: 29-Aug-93 **Time:** 1042 **Lat:** 29 06.32 **Long:** 88 49.97
Depth: 91 m **Wind Dir:** 341 ° **Wind Speed:** 4.8 m/s **Wave Dir:** °
Barometer: 29.91 in. **Air Temp Dry:** 28.2 °C **Air Temp Wet:** 25.8 °C **Secchi Depth:** 4 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	26.121	26.119	31.401	20.285	745.96	1533.38	3.846	1.723	10.07
20	23.786	23.782	36.162	24.587	334.90	1533.02	4.618	.341	20.14
30	22.046	22.040	36.225	25.138	282.79	1528.83	4.723	.166	30.20
50	20.598	20.589	36.331	25.619	237.79	1525.43	3.757	.115	50.34
75	18.785	18.772	36.438	26.177	185.55	1520.93	3.030	.106	75.52

Cruise: GULFCET 06 **Station:** 13-126
Date: 29-Aug-93 **Time:** 0610 **Lat:** 29 16.51 **Long:** 88 09.91
Depth: 97 m **Wind Dir:** 293 ° **Wind Speed:** 6.4 m/s **Wave Dir:** °
Barometer: 29.86 in. **Air Temp Dry:** 27.2 °C **Air Temp Wet:** 25.1 °C **Secchi Depth:** m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
20	29.789	29.784	35.249	21.987	583.21	1545.76	3.969	.407	20.14
30	25.428	25.422	35.799	23.815	408.86	1536.78	3.875	.419	30.20
50	21.911	21.901	36.249	25.194	278.22	1528.83	4.530	.196	50.34
75	19.716	19.702	36.370	25.884	213.43	1523.47	2.585	.156	75.52

Cruise: GULFCET 06 **Station:** 13-133
Date: 29-Aug-93 **Time:** 0053 **Lat:** 28 46.09 **Long:** 88 10.00
Depth: 1850 m **Wind Dir:** 275 ° **Wind Speed:** 2.4 m/s **Wave Dir:** °
Barometer: 29.87 in. **Air Temp Dry:** 28 °C **Air Temp Wet:** 25 °C **Secchi Depth:** m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
30	29.572	29.565	36.102	22.701	515.33	1546.36	4.267		30.20
50	25.844	25.832	36.251	24.028	389.41	1538.59	4.452		50.34
75	21.583	21.568	36.339	25.354	263.91	1528.49	4.603		75.52
100	19.190	19.172	36.455	26.086	195.11	1522.51	3.583		100.69
125	17.328	17.307	36.320	26.450	161.17	1517.40	3.388		125.88
150	16.577	16.553	36.242	26.569	150.52	1515.48	3.571		151.06
200	15.101	15.070	36.012	26.731	136.39	1511.50	3.694		201.44
250	13.585	13.549	35.761	26.863	124.75	1507.18	3.405		251.83
300	11.920	11.880	35.503	26.996	112.77	1502.13	3.332		302.23
400	10.114	10.067	35.233	27.115	102.73	1497.16	3.254		403.07
500	8.314	8.261	35.020	27.242	91.11	1491.97	3.269		503.96
600	7.106	7.047	34.924	27.344	81.84	1488.92	3.448		604.90
700	6.313	6.248	34.900	27.433	73.89	1487.46	3.706		705.89
800	5.717	5.646	34.907	27.515	66.57	1486.77	3.989		806.92

Cruise: GULFCET 06 **Station:** 13-134
Date: 28-Aug-93 **Time:** 2238 **Lat:** 28 36.96 **Long:** 88 10.05
Depth: 2000 m **Wind Dir:** 289 ° **Wind Speed:** 1.9 m/s **Wave Dir:** °
Barometer: 29.89 in. **Air Temp Dry:** 28 °C **Air Temp Wet:** 25 °C **Secchi Depth:** m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	30.600	30.598	35.249	21.709	609.45	1547.26	4.186		10.07
20	30.328	30.323	35.603	22.068	575.49	1547.24	4.203		20.14
30	30.081	30.074	36.036	22.478	536.72	1547.35	4.231		30.20
50	26.444	26.433	36.171	23.779	413.15	1539.90	4.420		50.34
75	22.288	22.273	36.513	25.288	270.30	1530.53	4.442		75.52
100	20.079	20.060	36.559	25.932	209.82	1525.10	3.756		100.69
125	18.007	17.985	36.415	26.356	170.17	1519.50	3.460		125.88
150	16.634	16.609	36.243	26.557	151.72	1515.65	3.405		151.06
200	14.648	14.618	35.939	26.775	132.09	1509.98	3.543		201.44
250	13.275	13.239	35.715	26.892	121.96	1506.10	3.337		251.83
300	11.969	11.929	35.509	26.992	113.20	1502.31	3.280		302.23
400	9.988	9.941	35.219	27.126	101.58	1496.69	3.158		403.07
500	8.367	8.314	35.019	27.234	91.97	1492.17	3.152		503.96
600	7.153	7.094	34.925	27.338	82.45	1489.10	3.304		604.90
700	6.308	6.244	34.899	27.433	73.87	1487.44	3.631		705.89

Cruise: GULFCET 06 **Station:** 14-135
Date: 28-Aug-93 **Time:** 1830 **Lat:** 28 30.93 **Long:** 87 31.13
Depth: 2000 m **Wind Dir:** 67.9 ° **Wind Speed:** 2.0 m/s **Wave Dir:** 0 °
Barometer: 29.84 in. **Air Temp Dry:** 28 °C **Air Temp Wet:** 25 °C **Secchi Depth:** 7.5 m

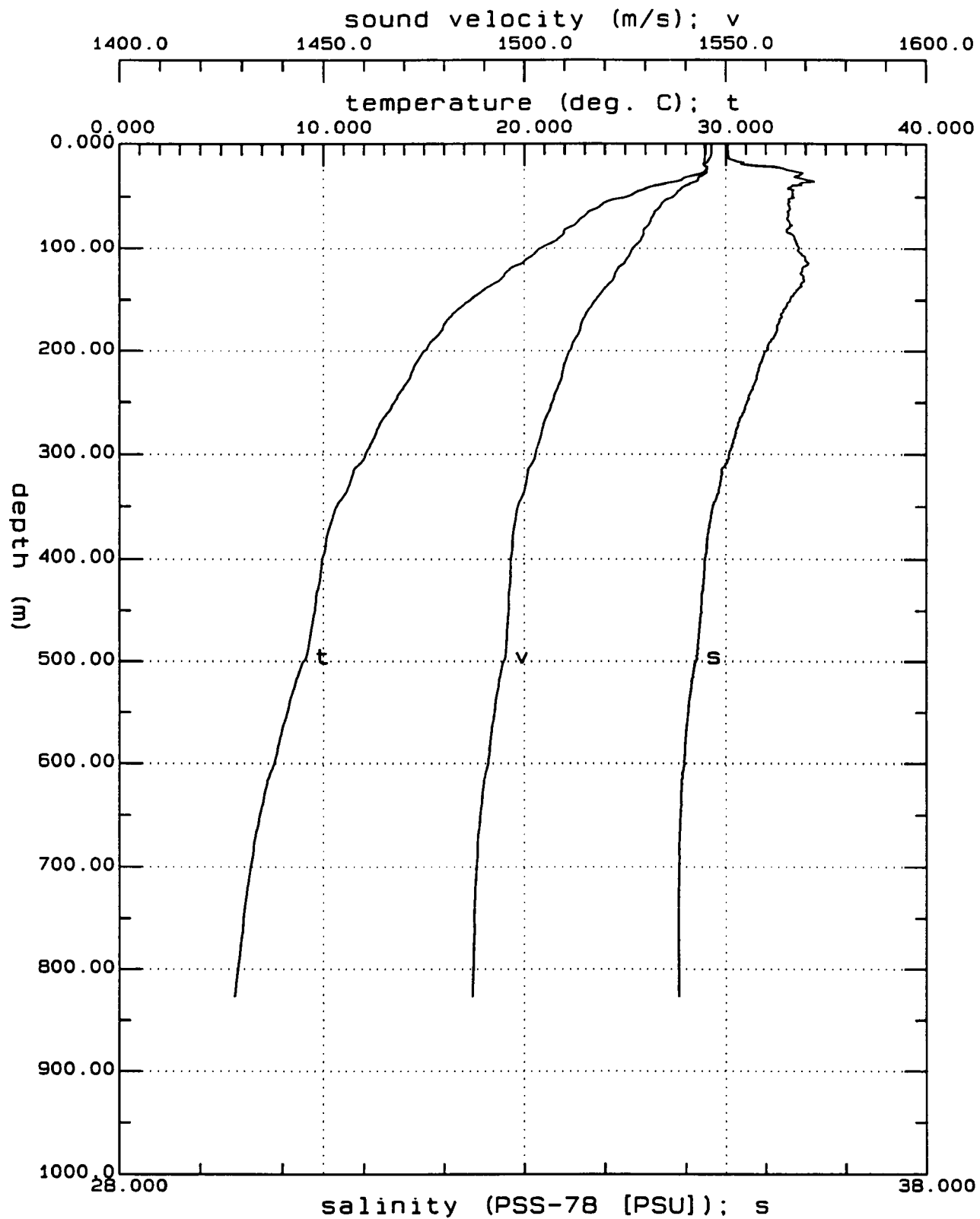
Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	30.226	30.223	32.233	19.579	813.88	1543.36	4.387		10.07
20	30.431	30.426	35.686	22.095	572.91	1547.54	4.126		20.14
30	28.660	28.653	35.619	22.644	520.76	1543.92	4.355		30.20
50	25.165	25.154	36.267	24.251	368.17	1537.00	4.773		50.34
75	22.615	22.599	36.619	25.275	271.49	1531.49	4.490		75.52
100	19.694	19.676	36.406	25.917	211.18	1523.87	3.824		100.69
125	18.154	18.132	36.430	26.330	172.65	1519.94	3.308		125.88
150	16.777	16.752	36.262	26.538	153.54	1516.11	3.480		151.06
200	14.819	14.788	35.969	26.760	133.53	1510.56	3.453		201.44
250	13.193	13.157	35.703	26.899	121.20	1505.82	3.427		251.83
300	11.948	11.908	35.504	26.992	113.18	1502.23	3.410		302.23
400	9.871	9.824	35.199	27.130	101.07	1496.24	3.291		403.07
500	8.503	8.449	35.033	27.223	93.10	1492.69	3.242		503.96
600	7.292	7.232	34.927	27.321	84.26	1489.64	3.418		604.90
700	6.538	6.472	34.899	27.402	77.10	1488.34	3.659		705.89
800	5.838	5.766	34.904	27.498	68.41	1487.25	4.009		806.92

Cruise: GULFCET 06 **Station:** 14-136
Date: 28-Aug-93 **Time:** 1457 **Lat:** 28 45.88 **Long:** 87 29.98
Depth: 1600 m **Wind Dir:** 38.4 ° **Wind Speed:** 4.7 m/s **Wave Dir:** 250°
Barometer: 29.85 in. **Air Temp Dry:** 28 °C **Air Temp Wet:** 26 °C **Secchi Depth:** 7 m

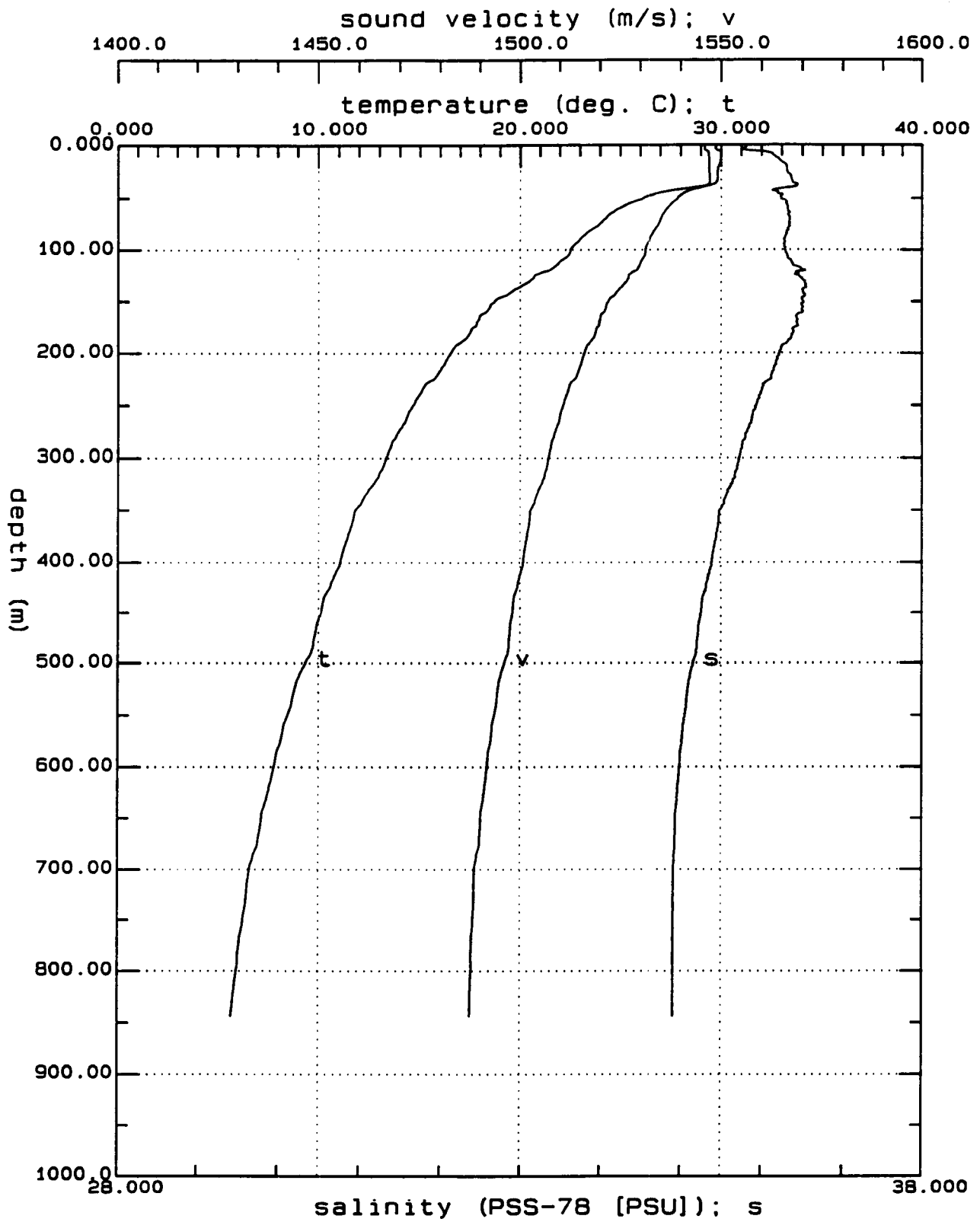
Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	30.719	30.716	34.557	21.150	663.04	1546.78	4.380		10.07
20	30.419	30.414	35.277	21.793	601.86	1547.09	4.248		20.14
30	29.458	29.451	35.681	22.424	541.85	1545.68	4.350		30.20
50	25.515	25.504	36.095	24.012	390.90	1537.65	4.681		50.34
75	22.000	21.985	36.283	25.195	279.12	1529.53	4.716		75.52
100	19.900	19.881	36.542	25.966	206.57	1524.59	3.875		100.69
125	17.539	17.517	36.367	26.434	162.70	1518.07	3.588		125.88
150	16.297	16.272	36.205	26.607	146.92	1514.59	3.549		151.06
200	14.323	14.293	35.884	26.802	129.42	1508.88	3.654		201.44
250	12.755	12.720	35.630	26.931	118.01	1504.28	3.424		251.83
300	11.472	11.434	35.433	27.026	109.69	1500.51	3.430		302.23
400	9.661	9.615	35.169	27.142	99.81	1495.45	3.308		403.07
500	8.675	8.621	35.052	27.211	94.39	1493.36	3.244		503.96
600	7.315	7.256	34.929	27.319	84.46	1489.73	3.390		604.90
700	6.472	6.406	34.903	27.415	75.84	1488.09	3.632		705.89

Cruise: GULFCET 06 **Station:** 14-143
Date: 28-Aug-93 **Time:** 0826 **Lat:** 29 24.99 **Long:** 87 30.00
Depth: 90 m **Wind Dir:** 354.1 ° **Wind Speed:** 5.7 m/s **Wave Dir:** 0 °
Barometer: 29.92 in. **Air Temp Dry:** 21.5 °C **Air Temp Wet:** 24.7 °C **Secchi Depth:** 9 m

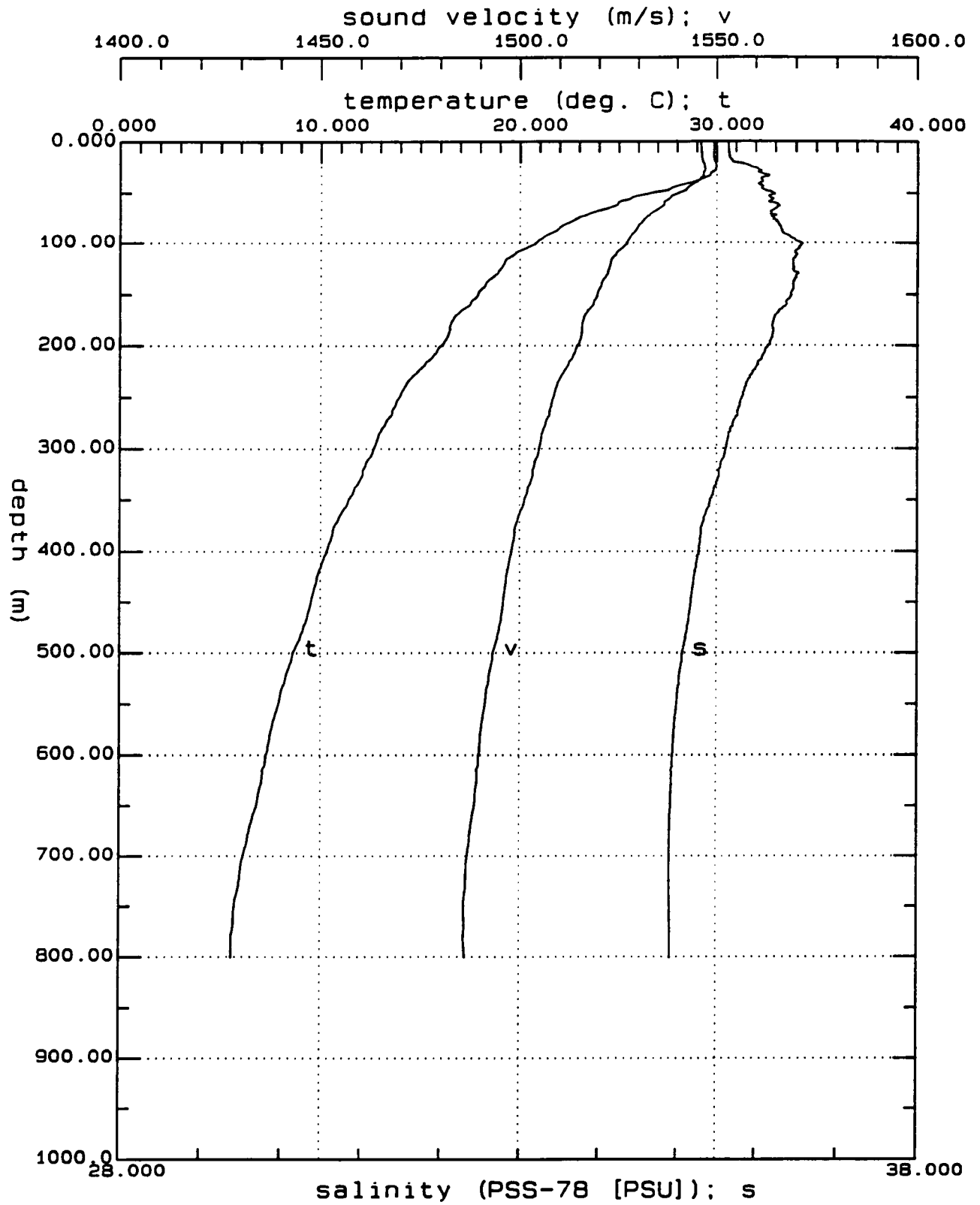
Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.470	29.467	31.088	18.977	871.86	1540.57	4.947	.672	10.07
20	28.619	28.614	34.477	21.800	601.09	1542.46	4.258	.473	20.14
30	24.411	24.404	35.485	23.888	401.95	1533.99	4.518	.374	30.20
50	21.403	21.393	36.346	25.409	257.74	1527.60	4.817	.322	50.34



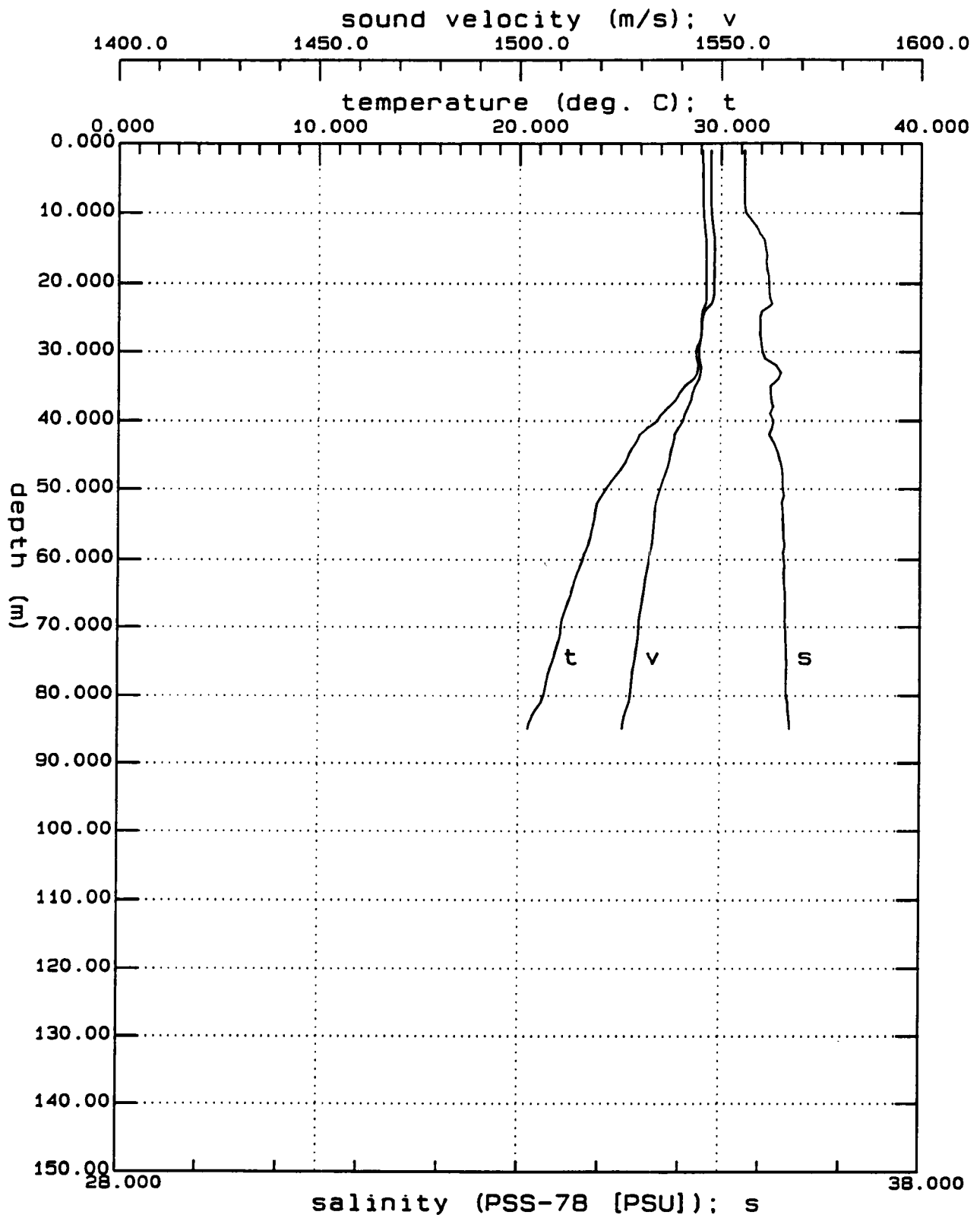
04-031.CNV: Gulfcet Cruise 06



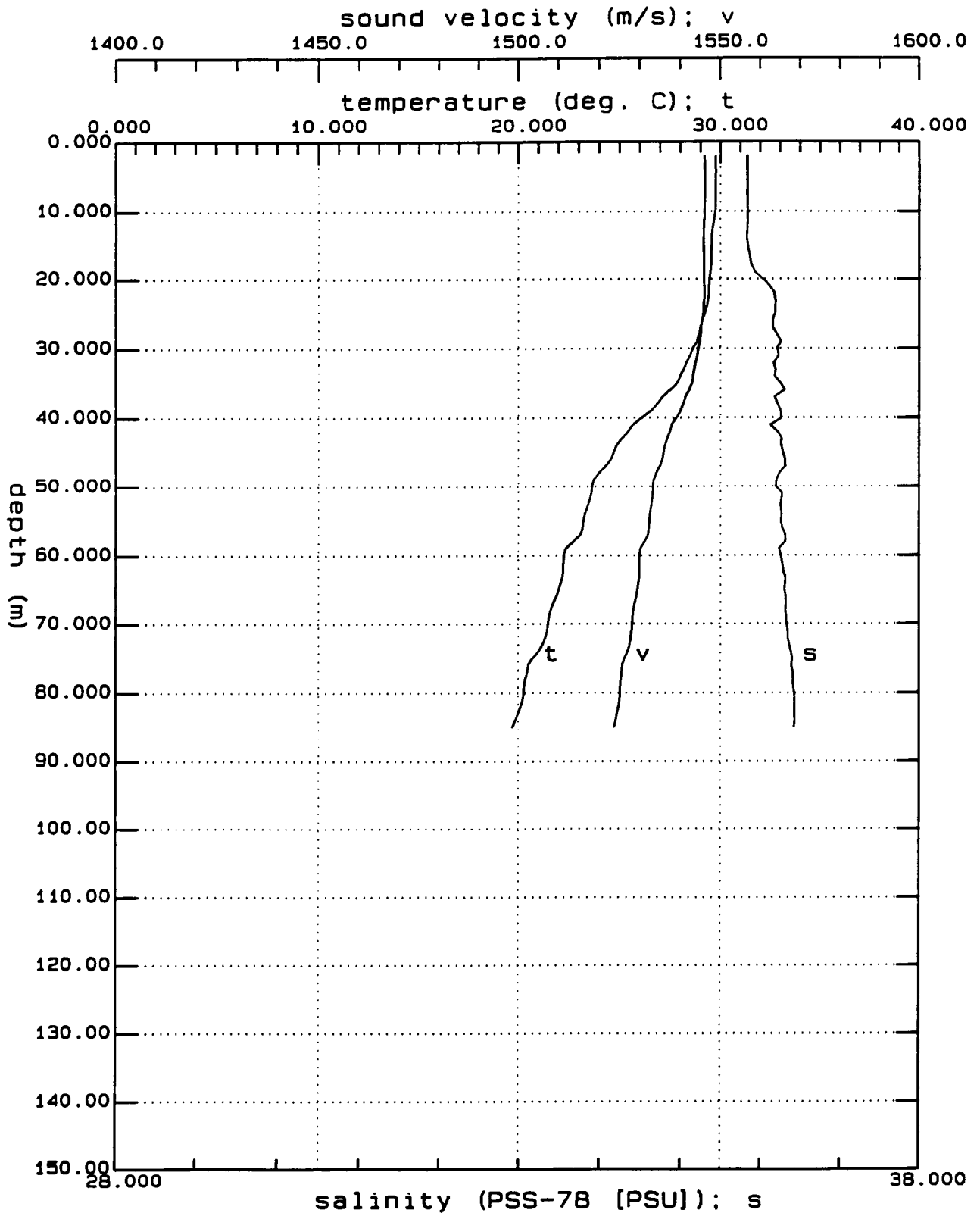
04-033.CNV: Gulfcet Cruise 06



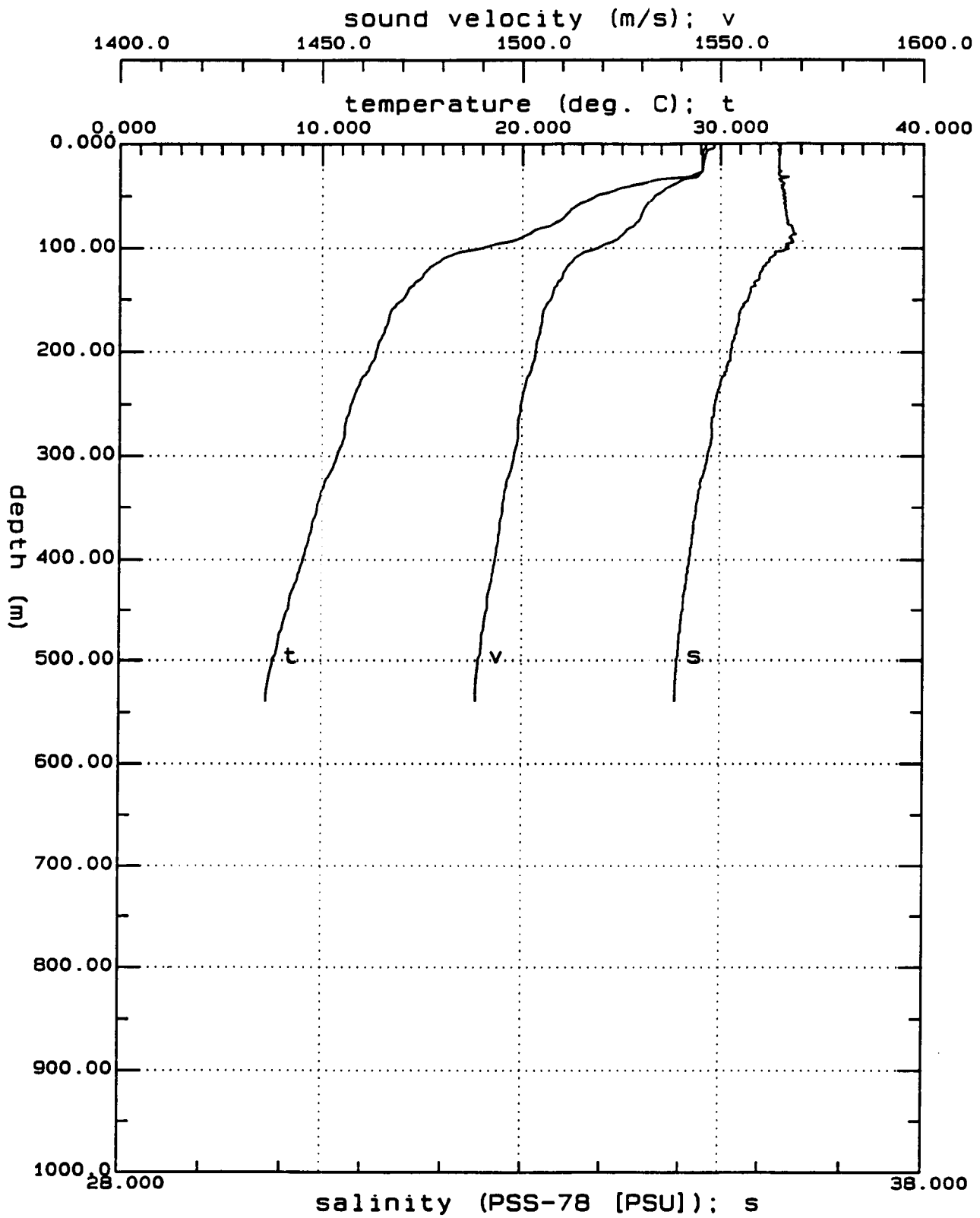
04-036.CNV: Gulfcet Cruise 06



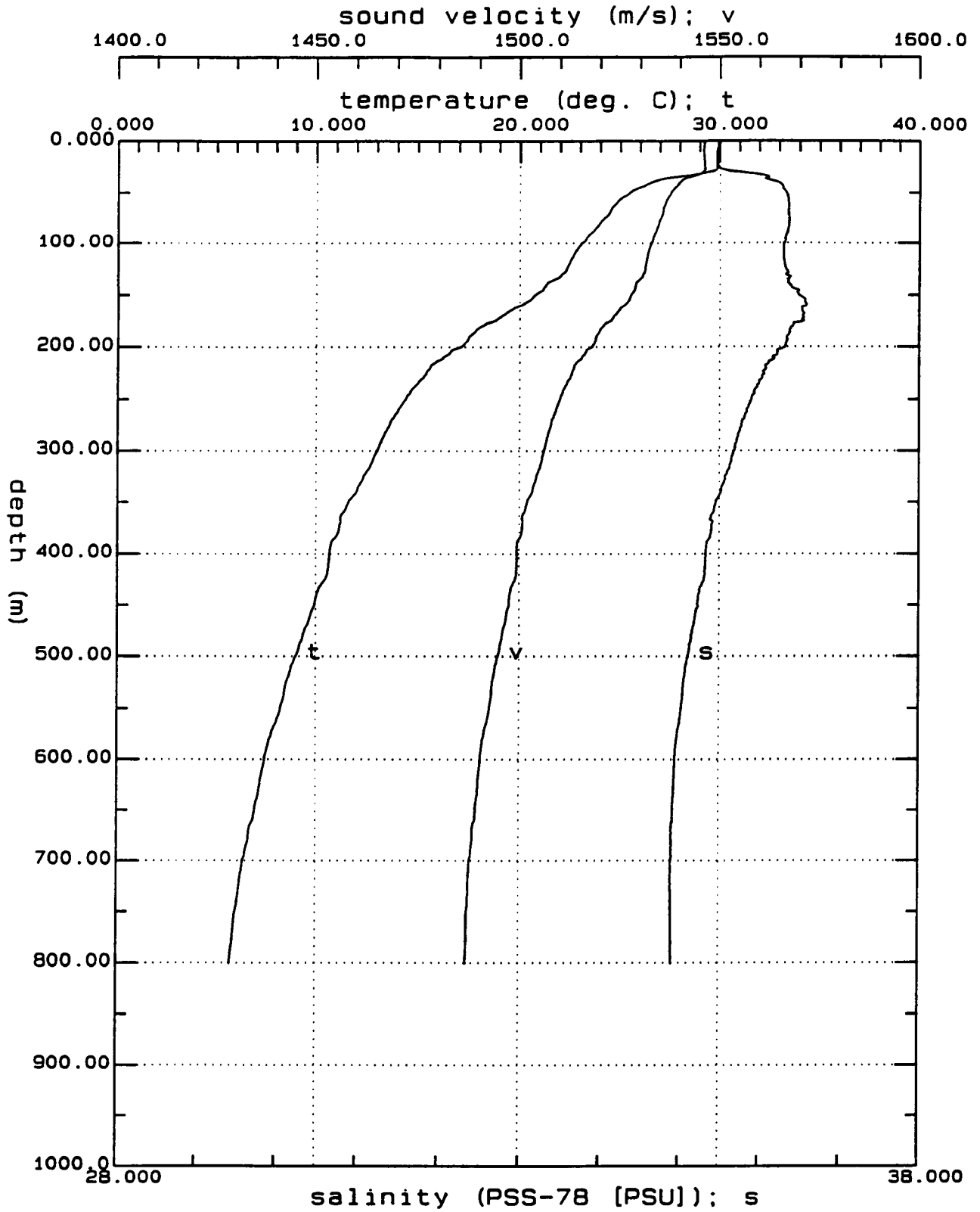
04-042.CNV: Gulfcet Cruise 06



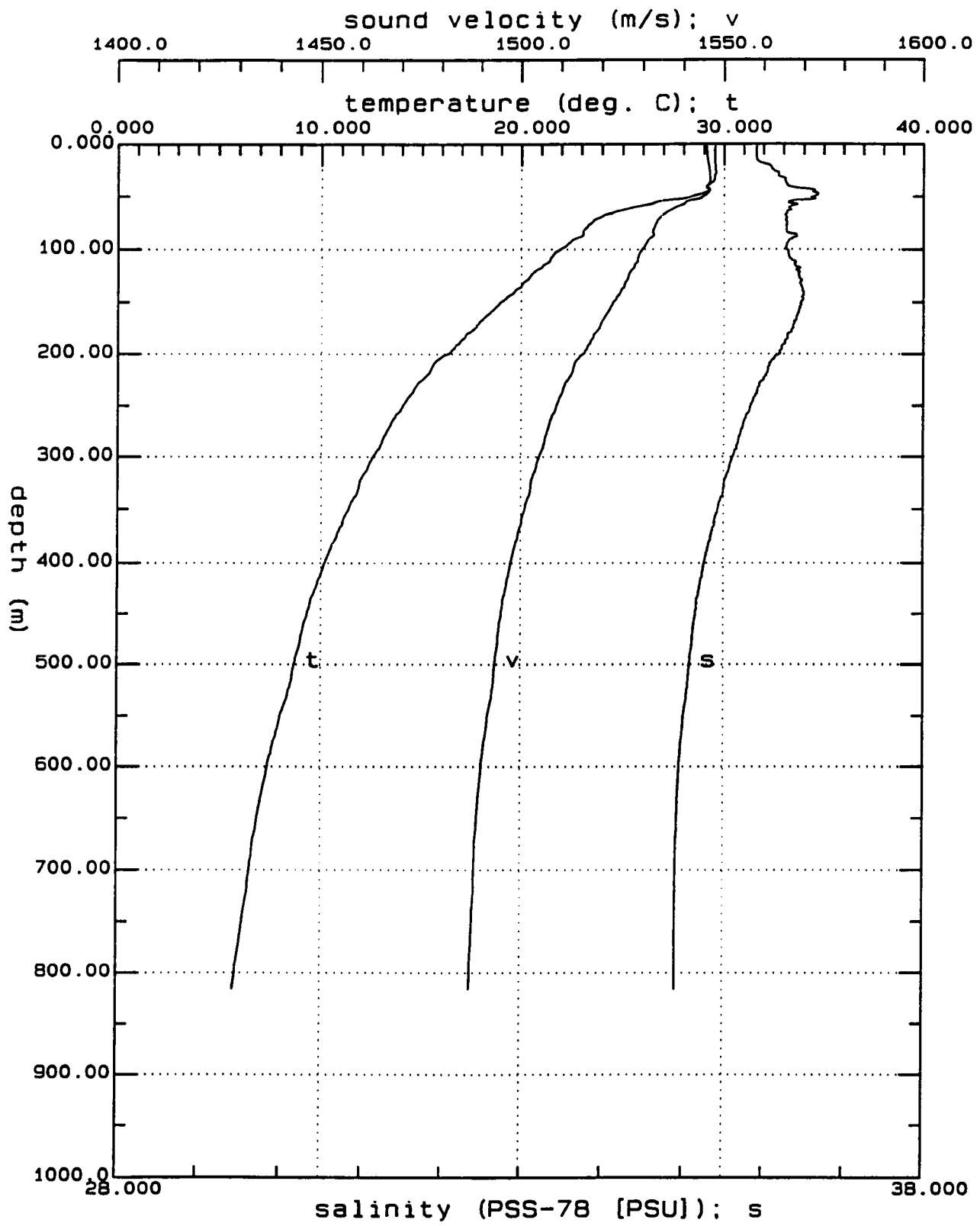
05-043.CNV: Gulfcet Cruise 06



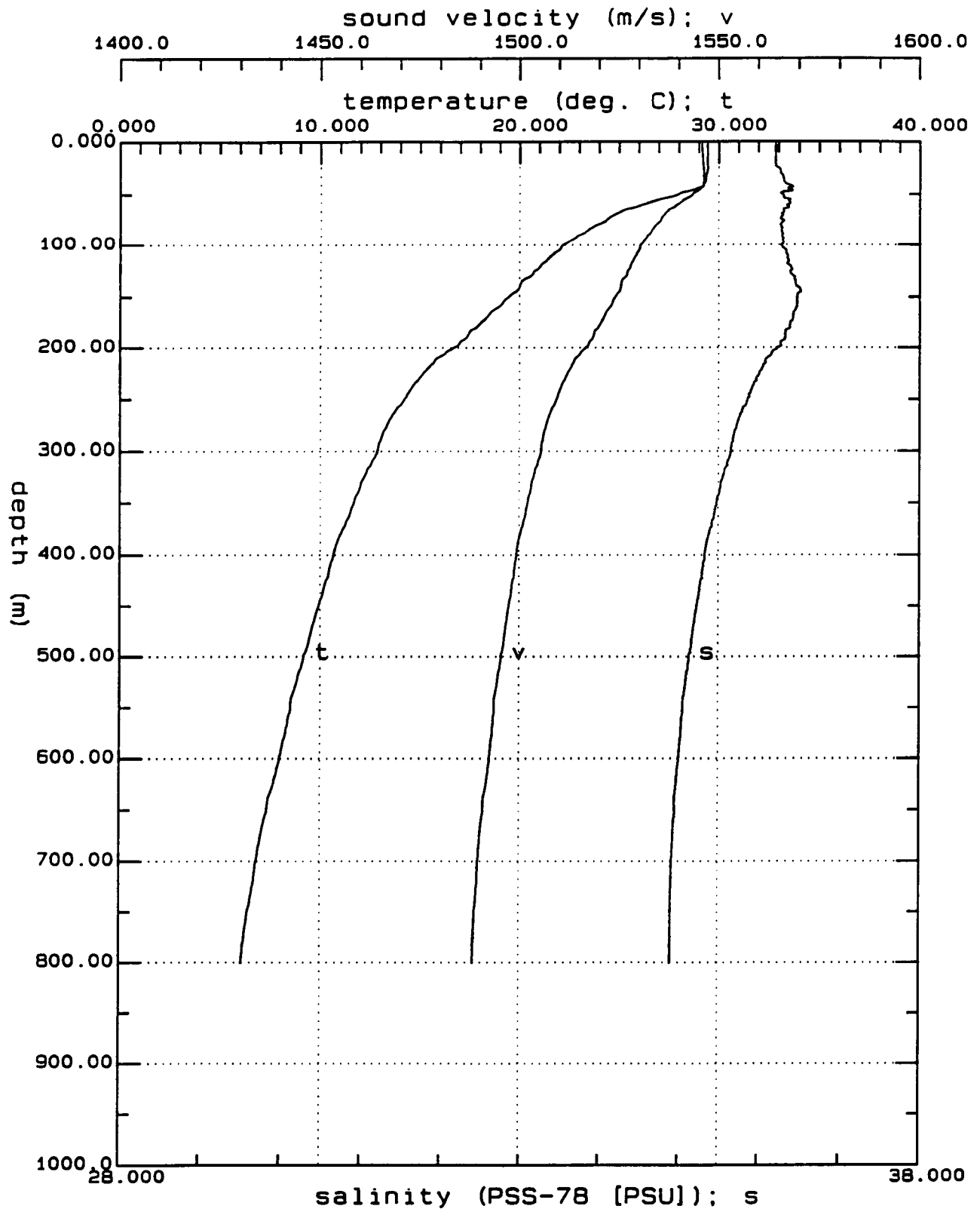
05-047.CNV: Gulfcet Cruise 06



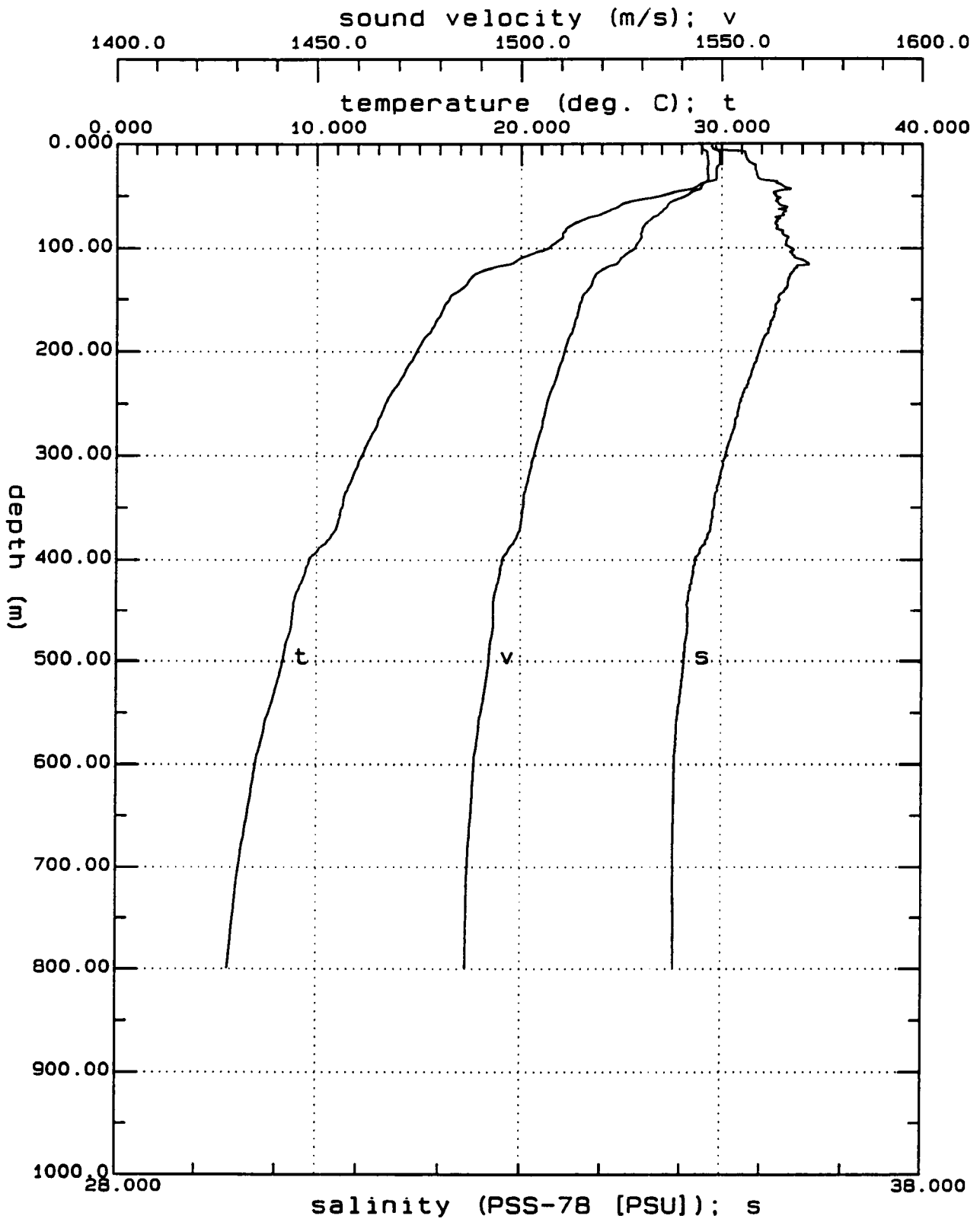
05-050.CNV: Gulfcet Cruise 06



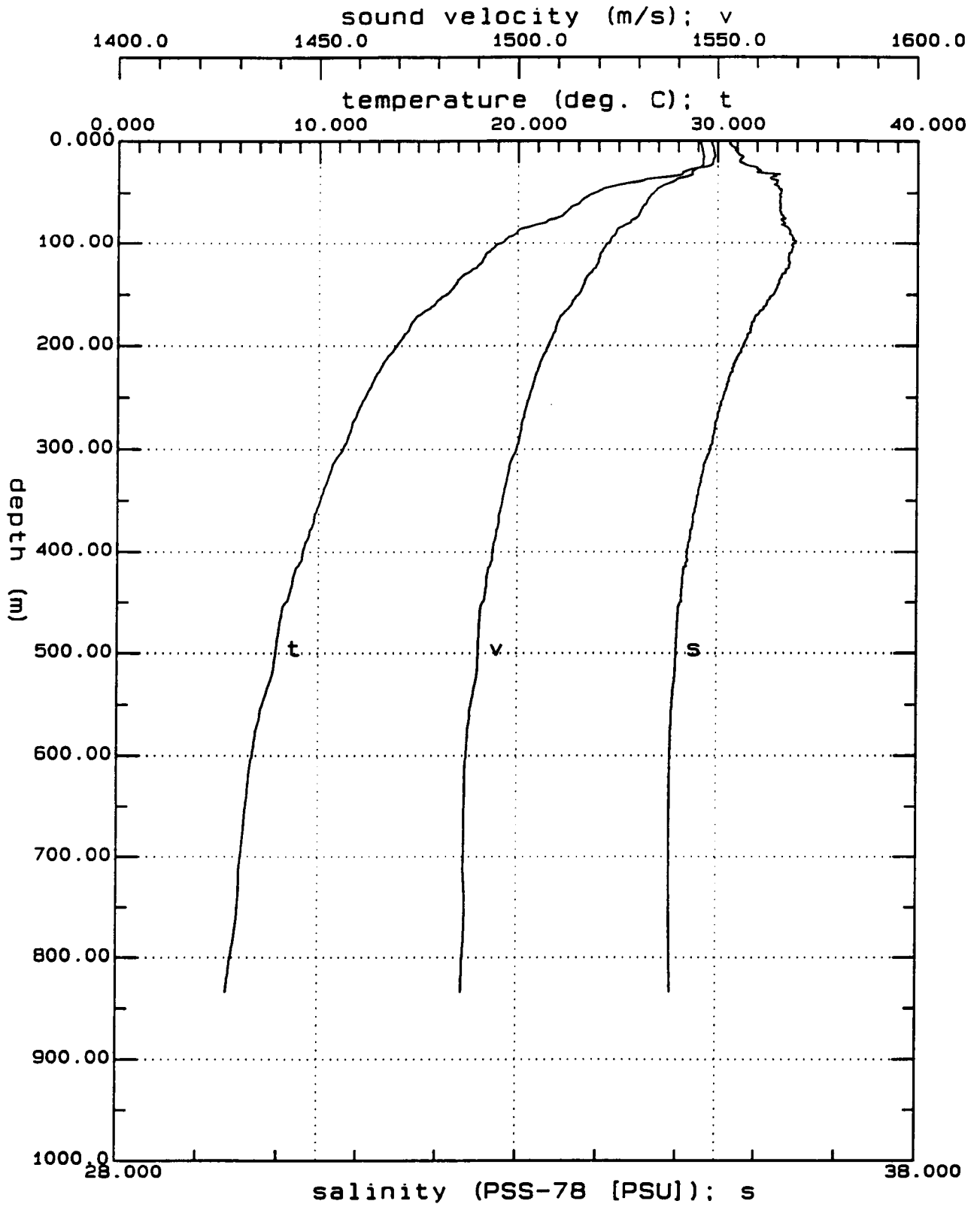
05-053.CNV: Gulfcet Cruise 06



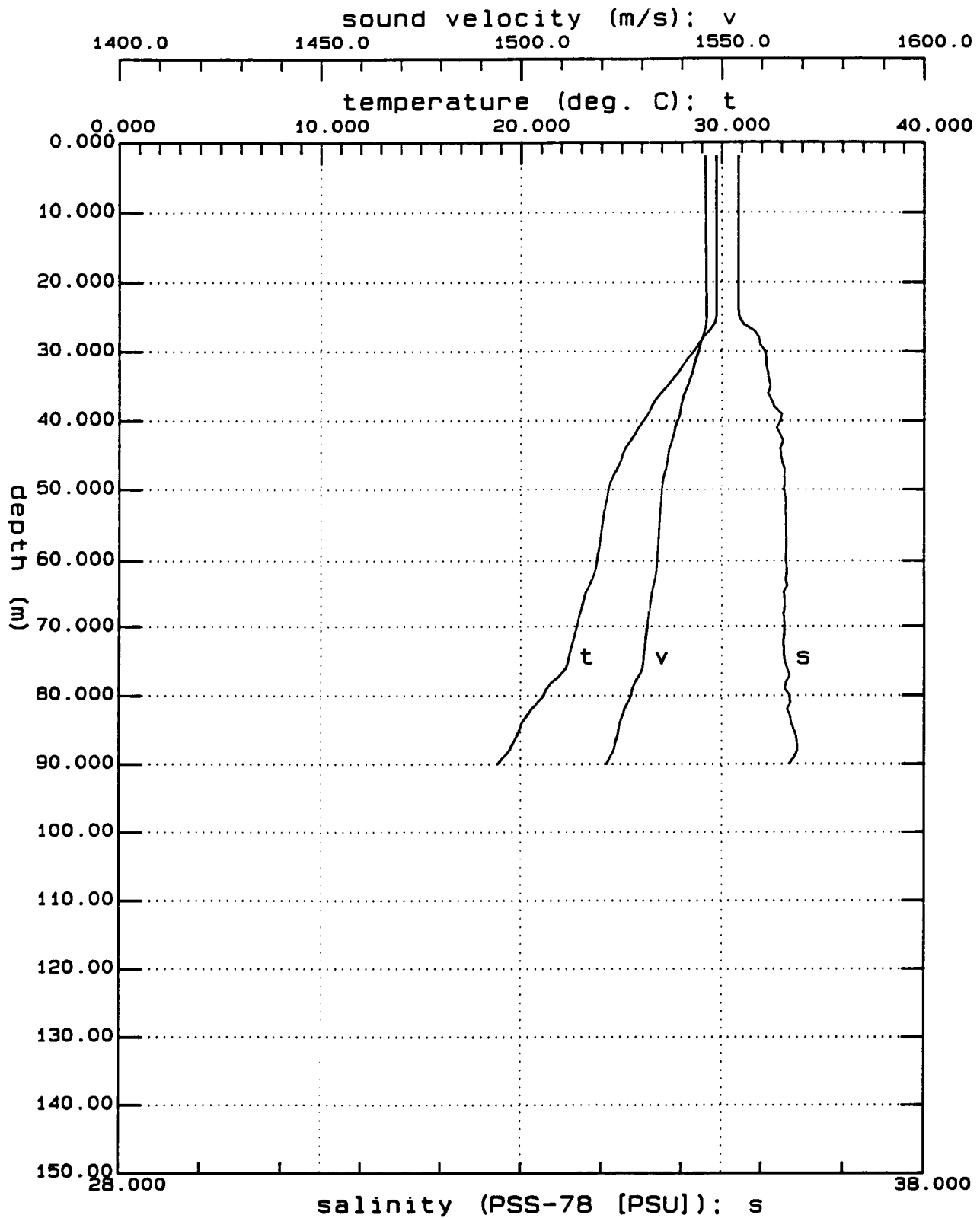
06-054.CNV: Gulfcet Cruise 06



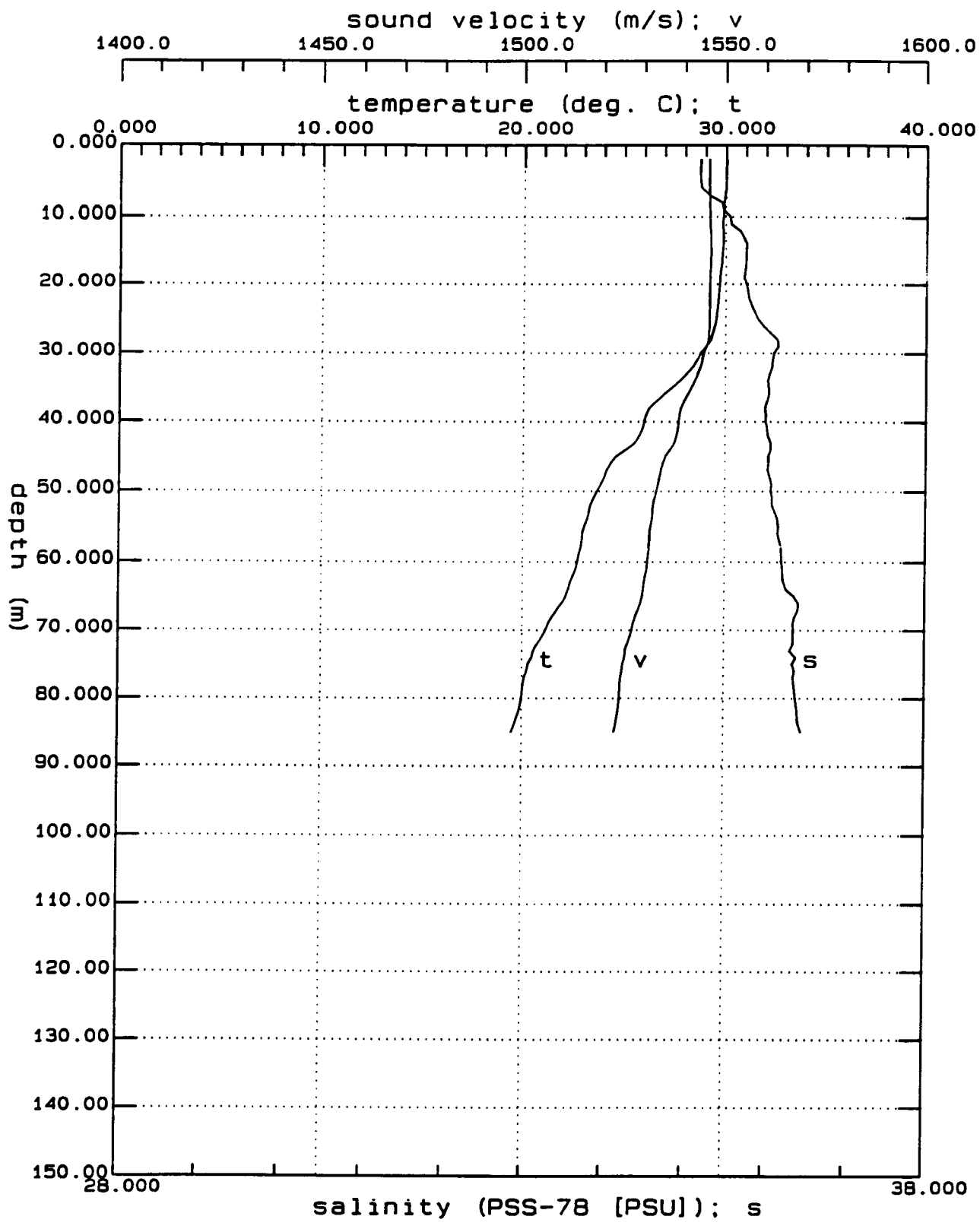
06-055.CNV: Gulfcet Cruise 06



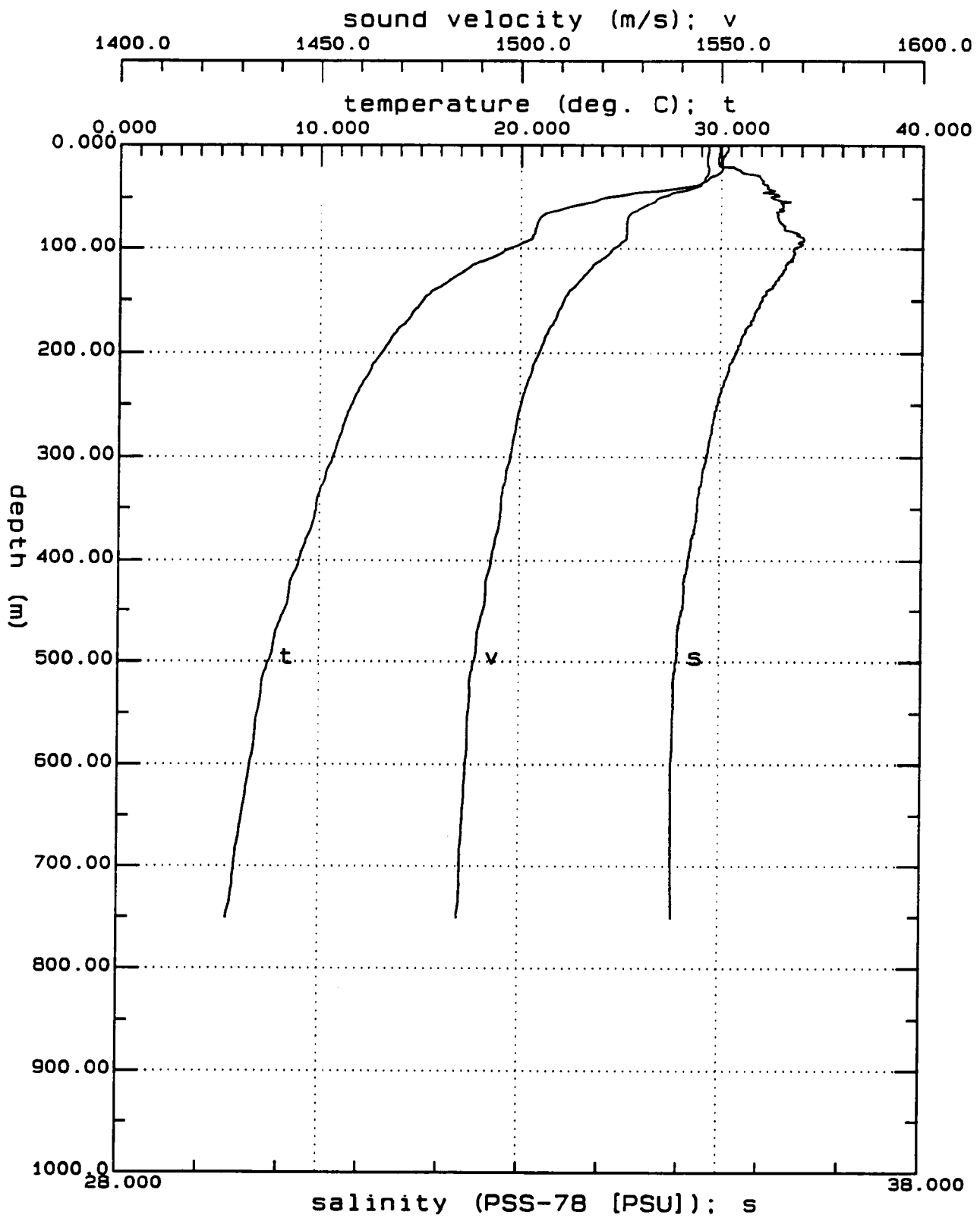
06-059.CNV: Gulfcet Cruise 06



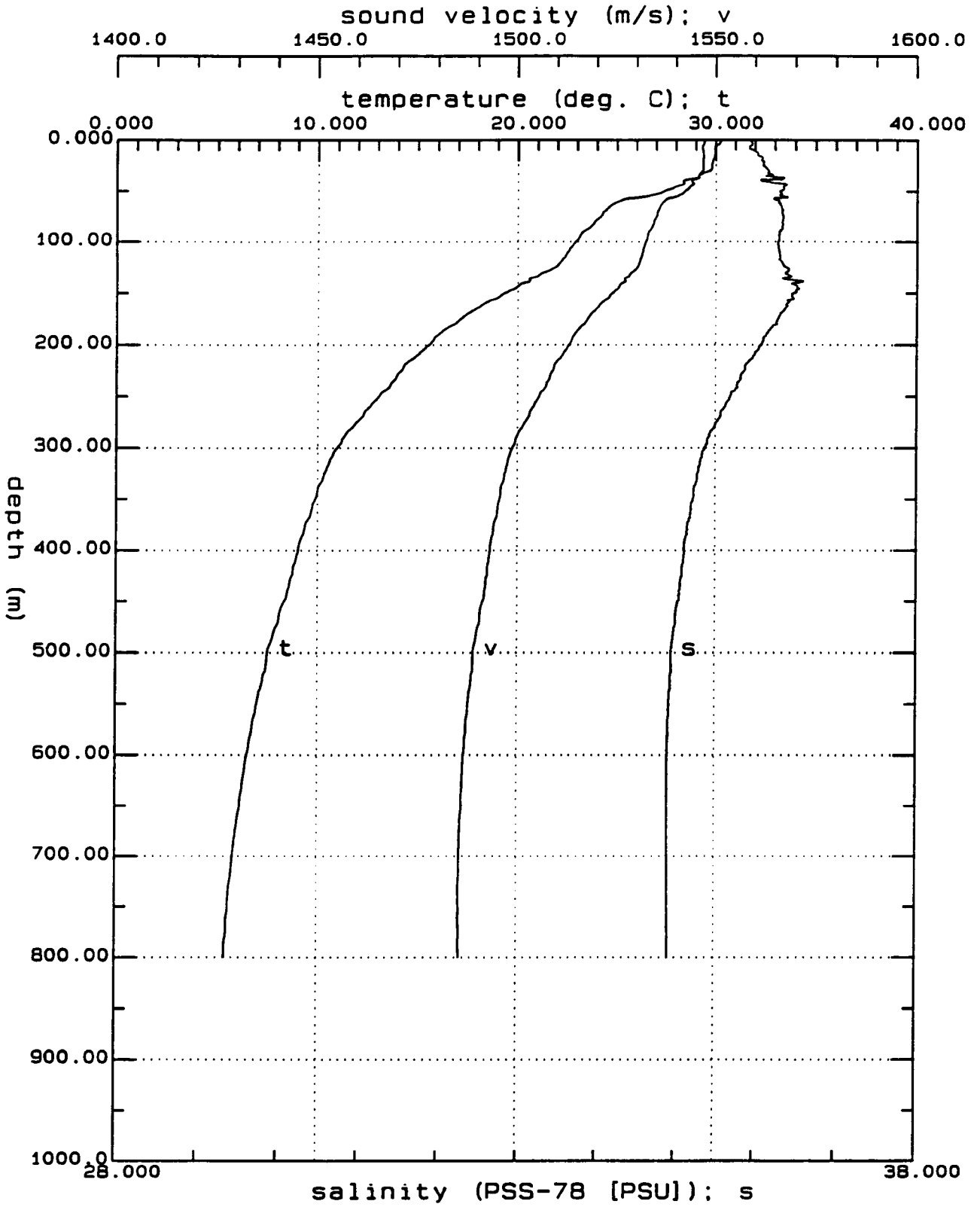
06-064.CNV: Gulfcet Cruise 06



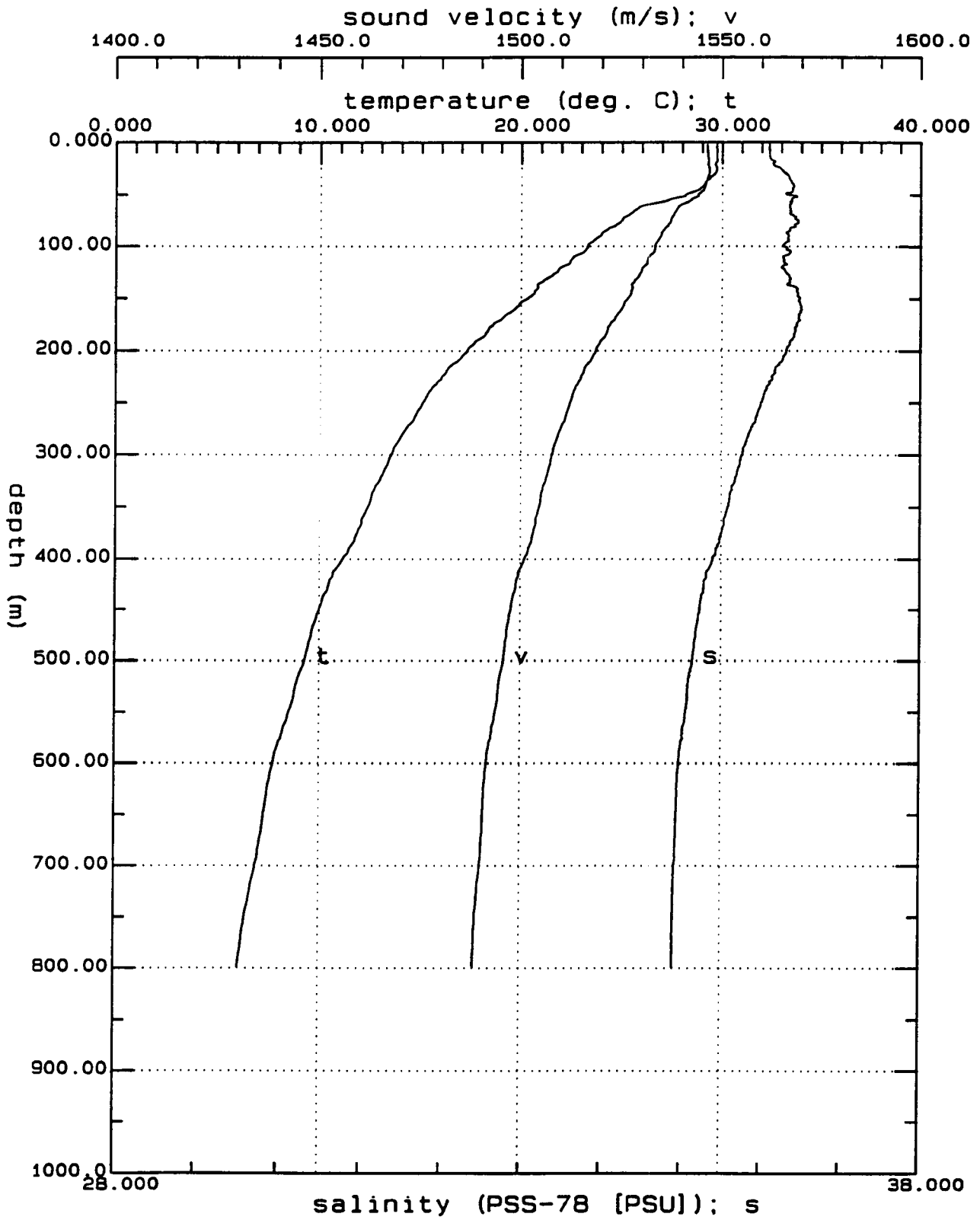
07-065.CNV: Gulfcet Cruise 06



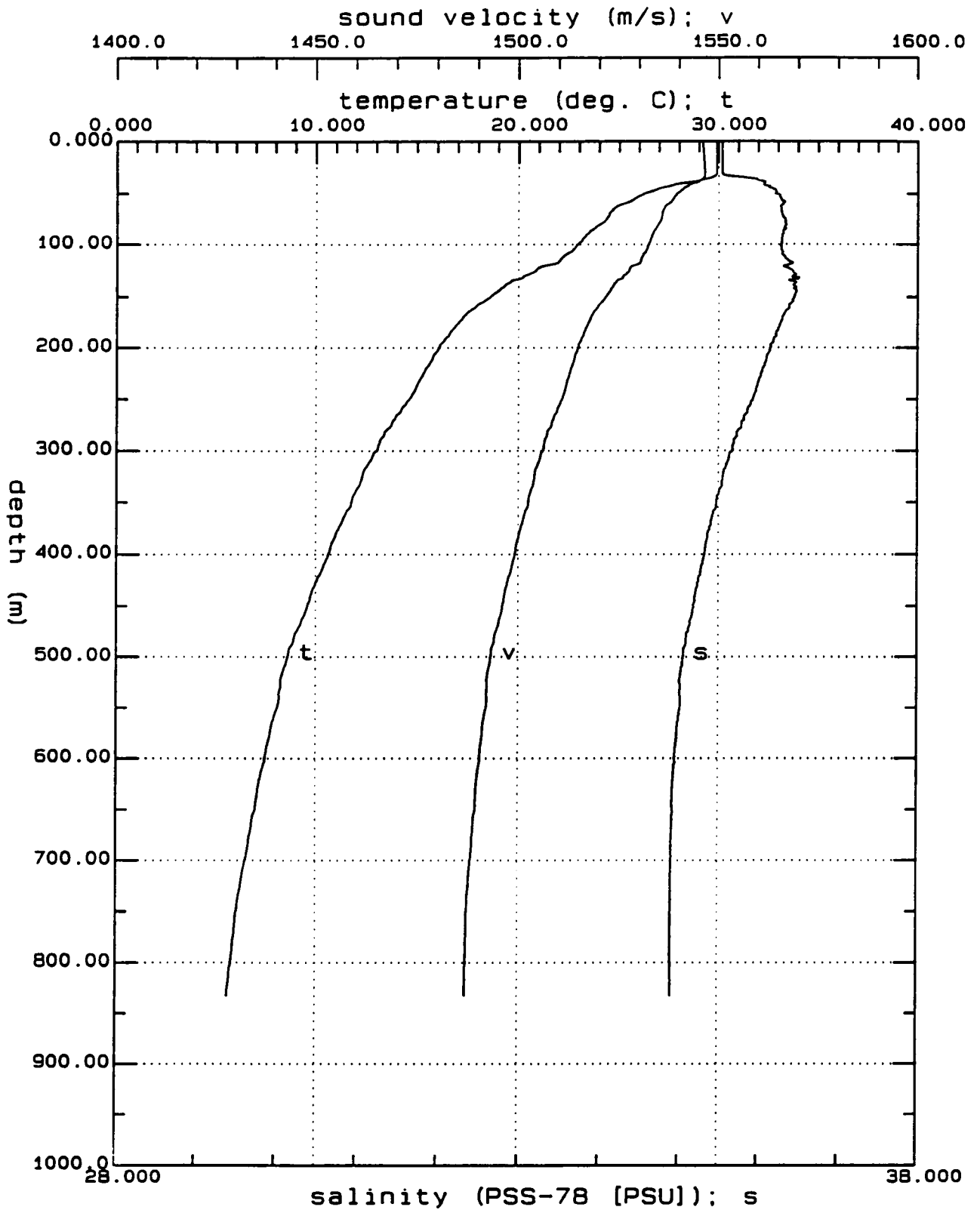
07-071.CNV: Gulfcet Cruise 06



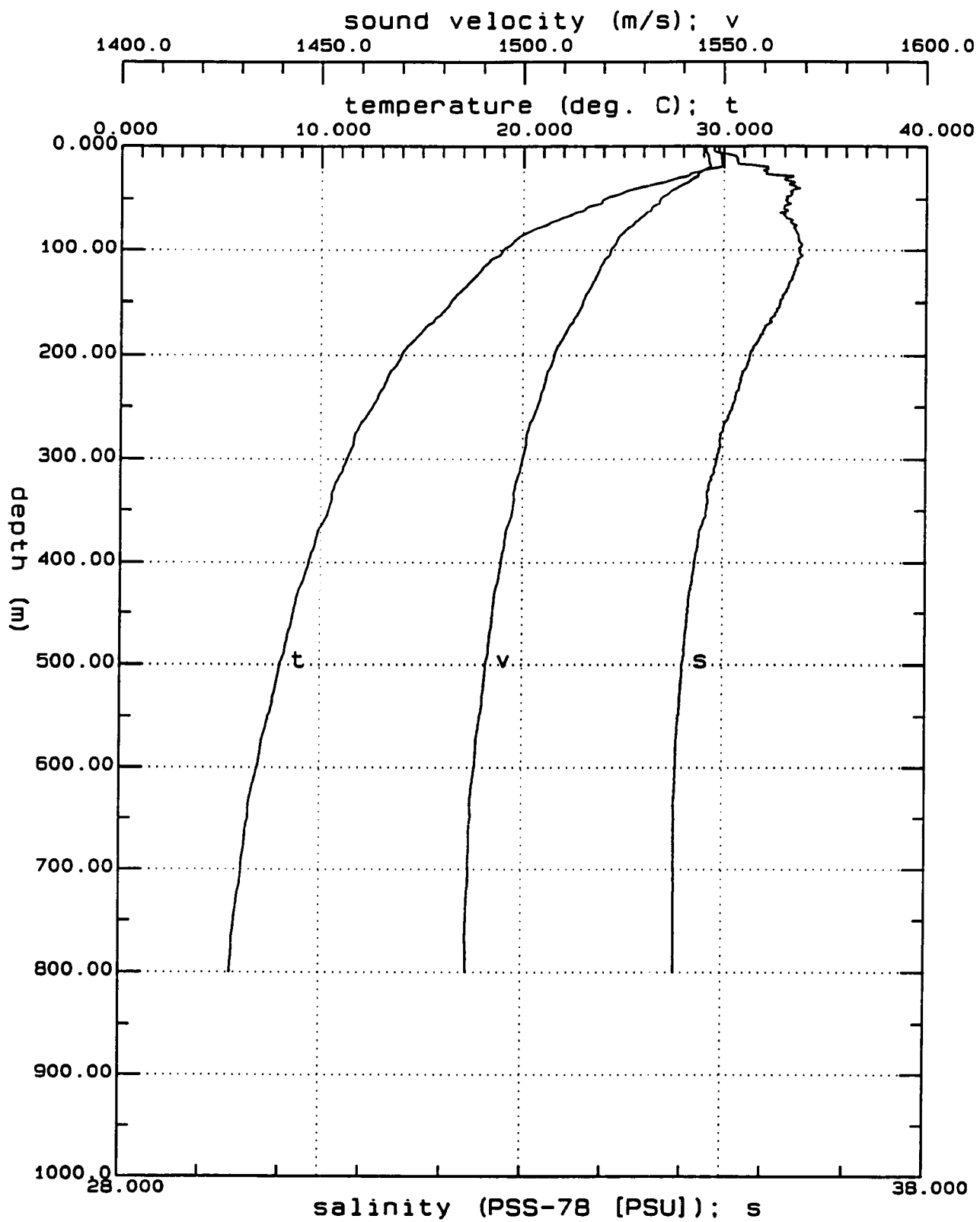
07-073.CNV: Gulfcet Cruise 06



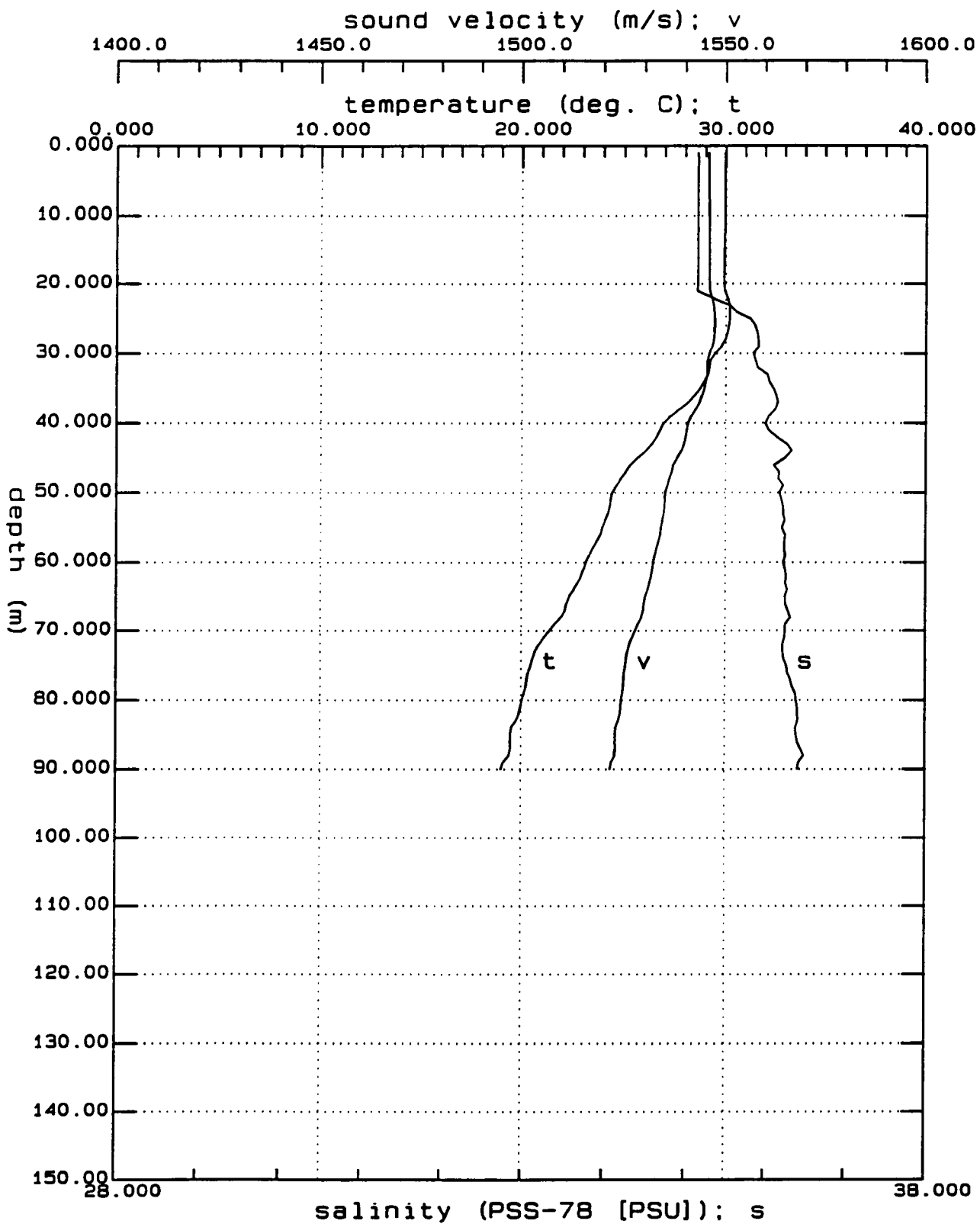
07-075.CNV: Gulfcet Cruise 06



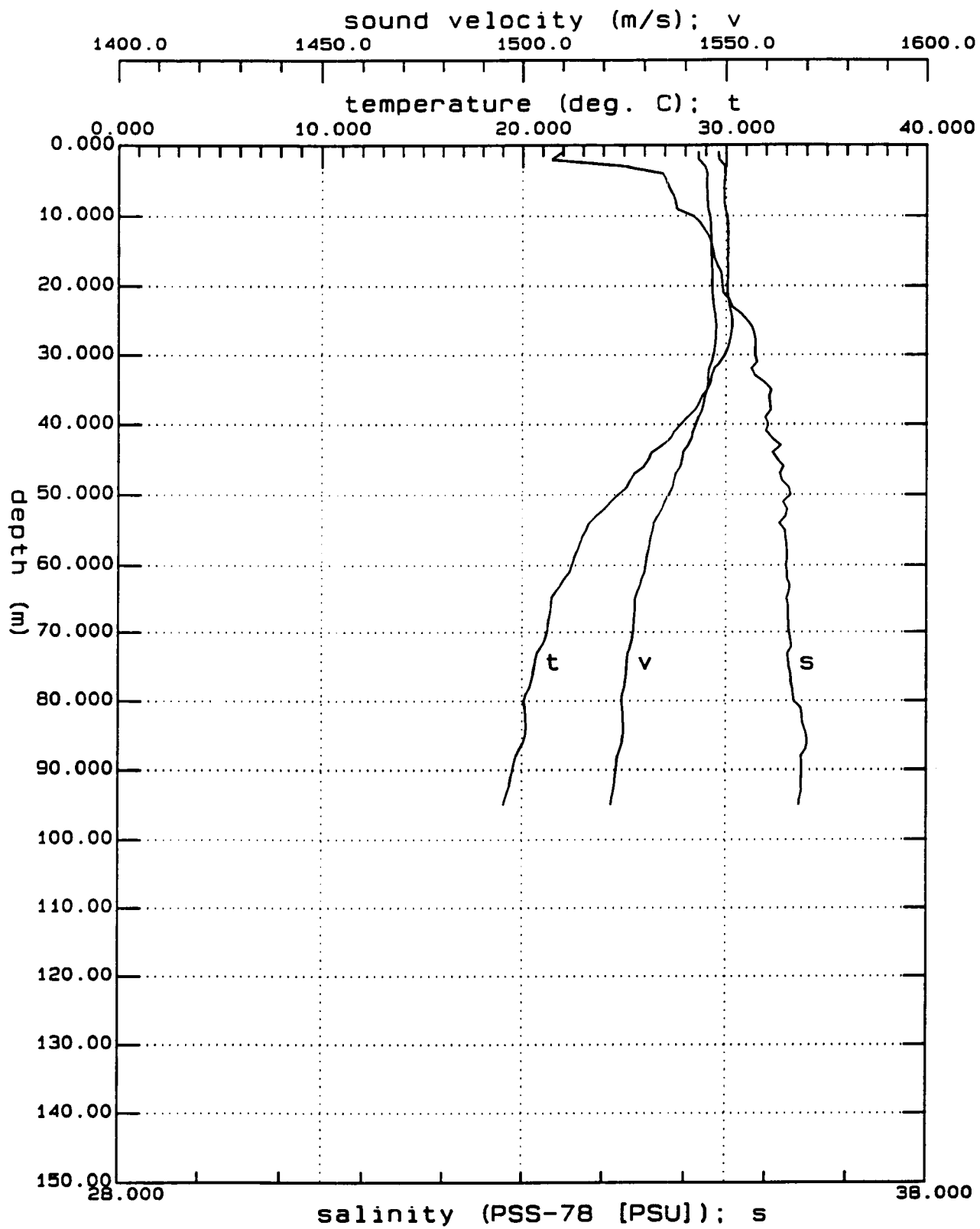
08-076.CNV: Gulfcet Cruise 06



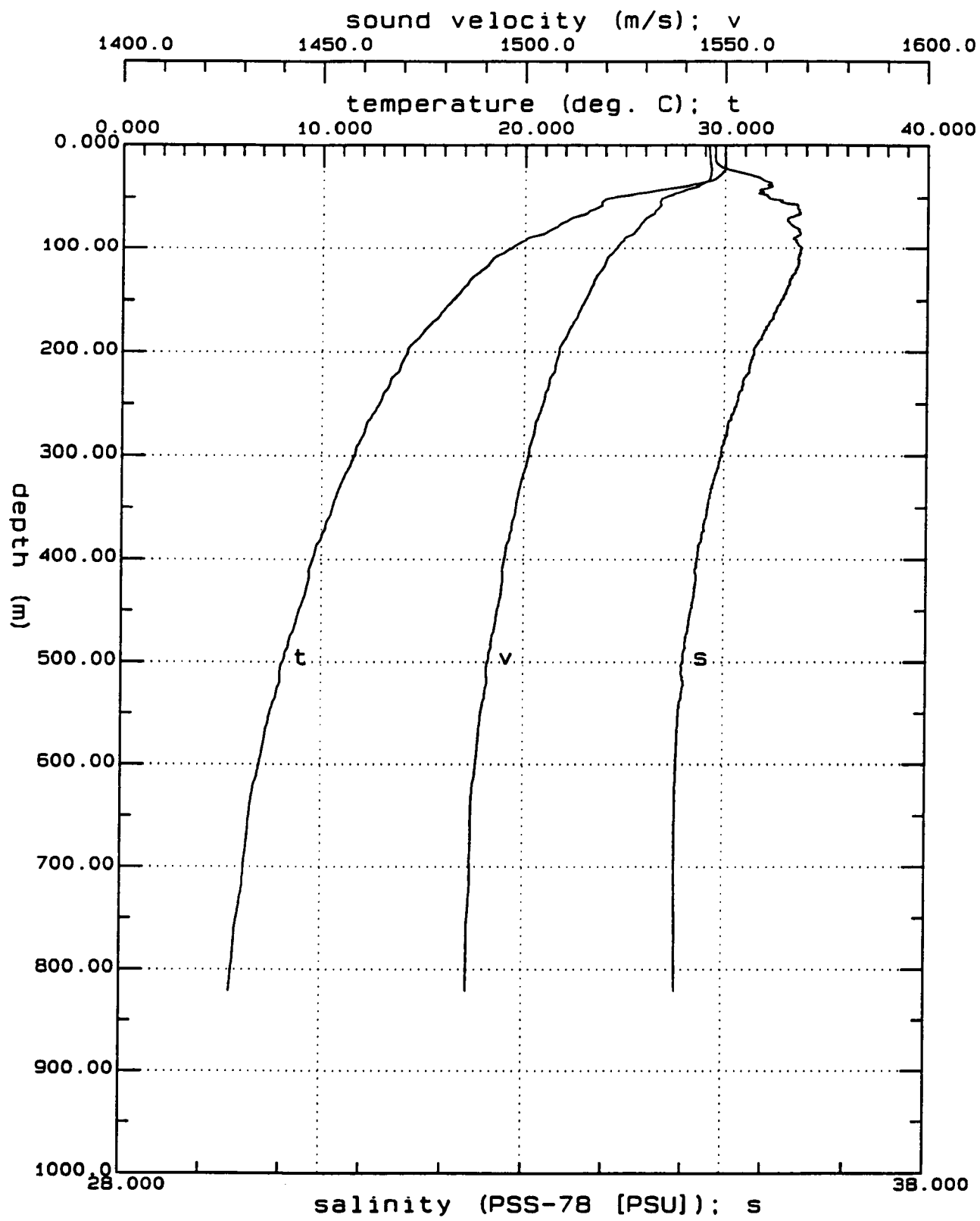
08-080.CNV: Gulfcet Cruise 06



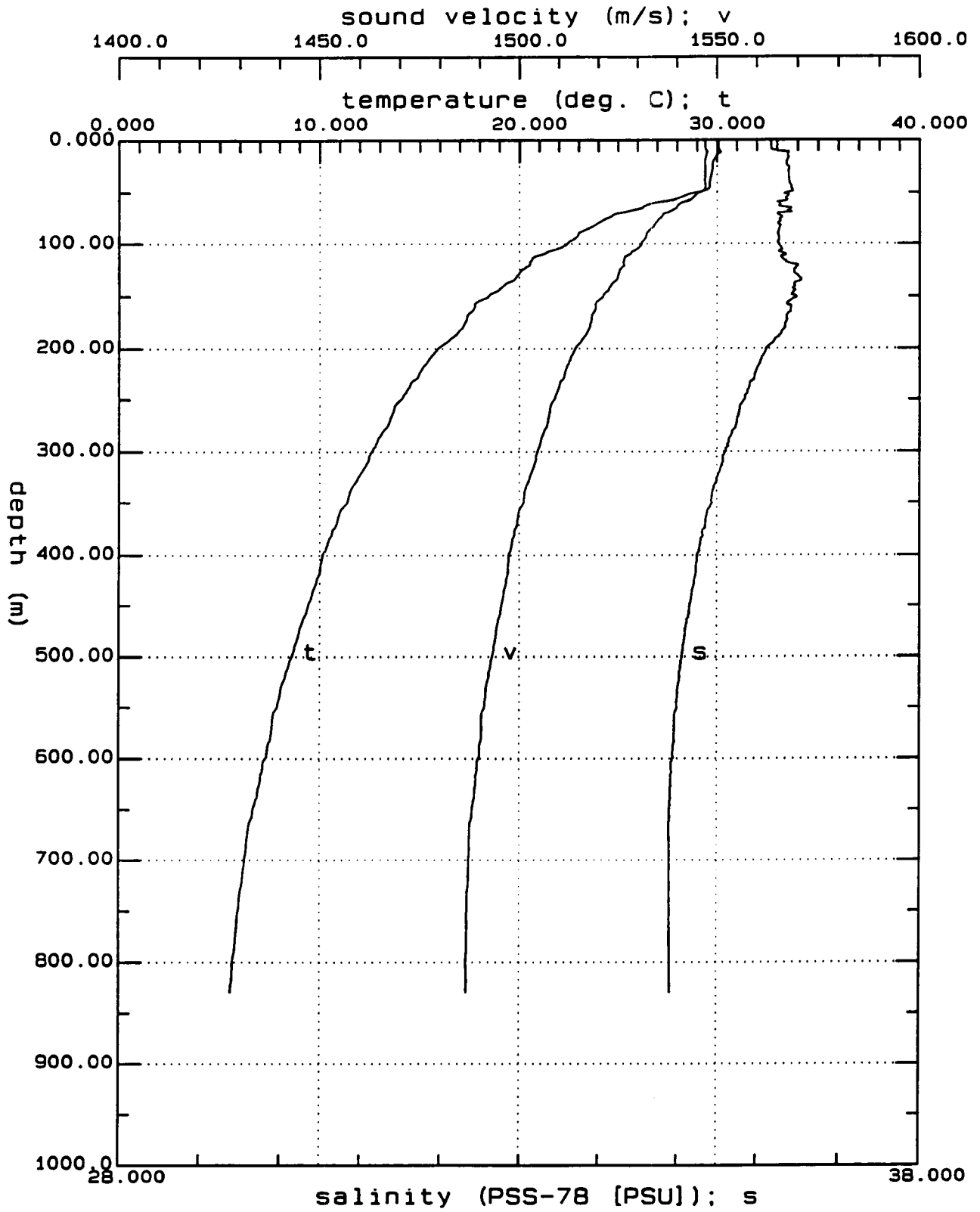
08-086.CNV: Gulfcet Cruise 06



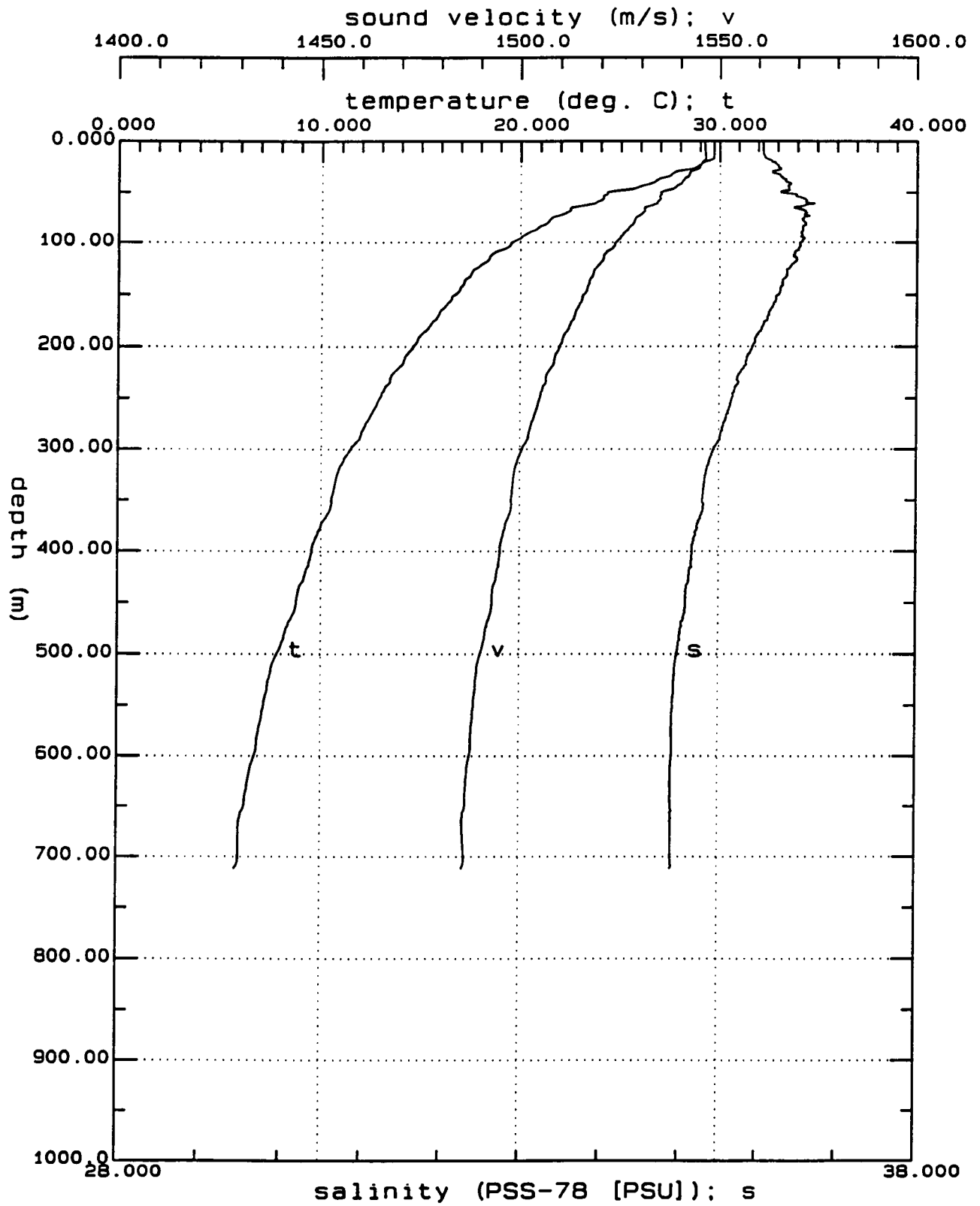
09-087.CNV: Gulfcet Cruise 06



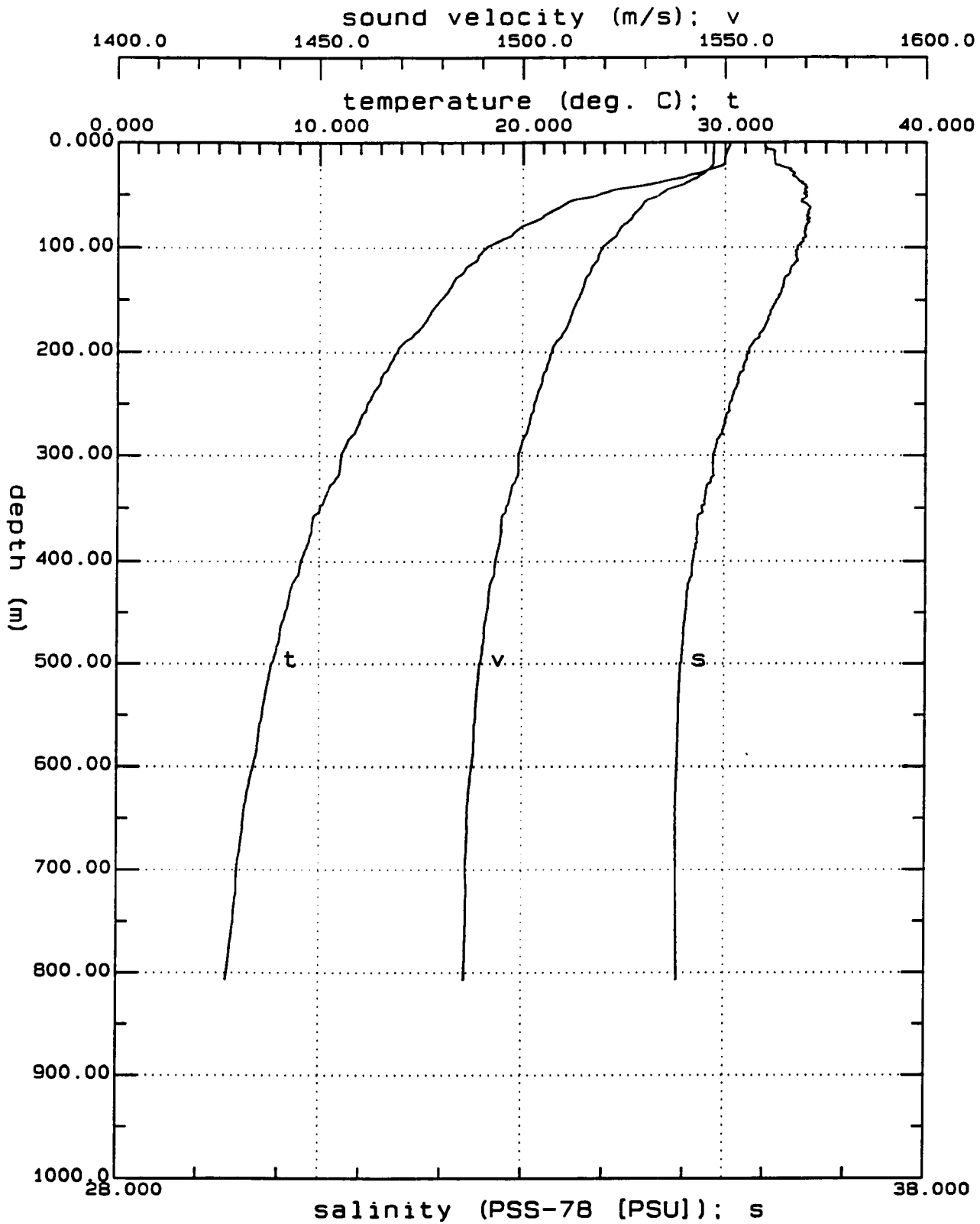
09-093.CNV: Gulfcet Cruise 06



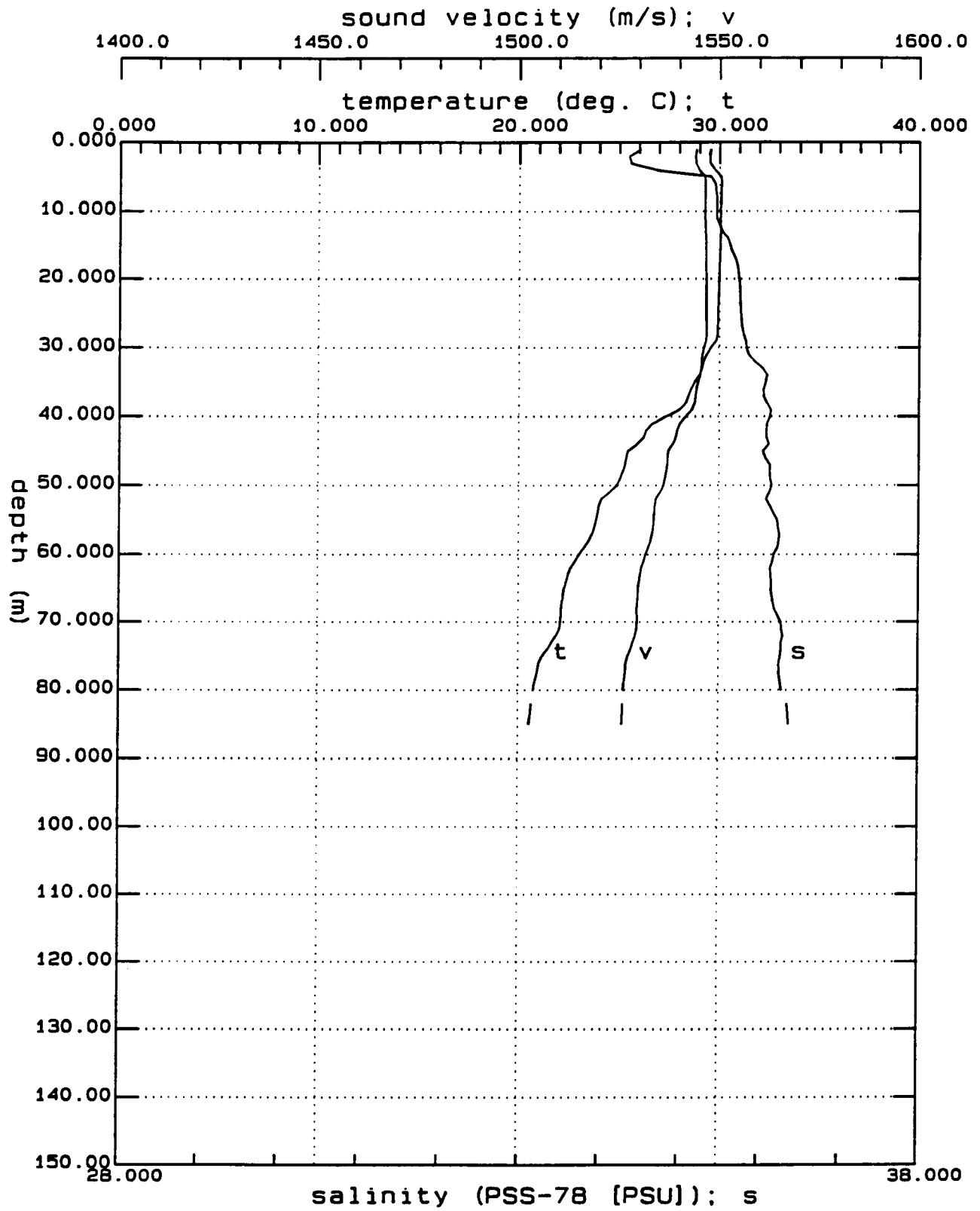
09-096.CNV: Gulfcet Cruise 06



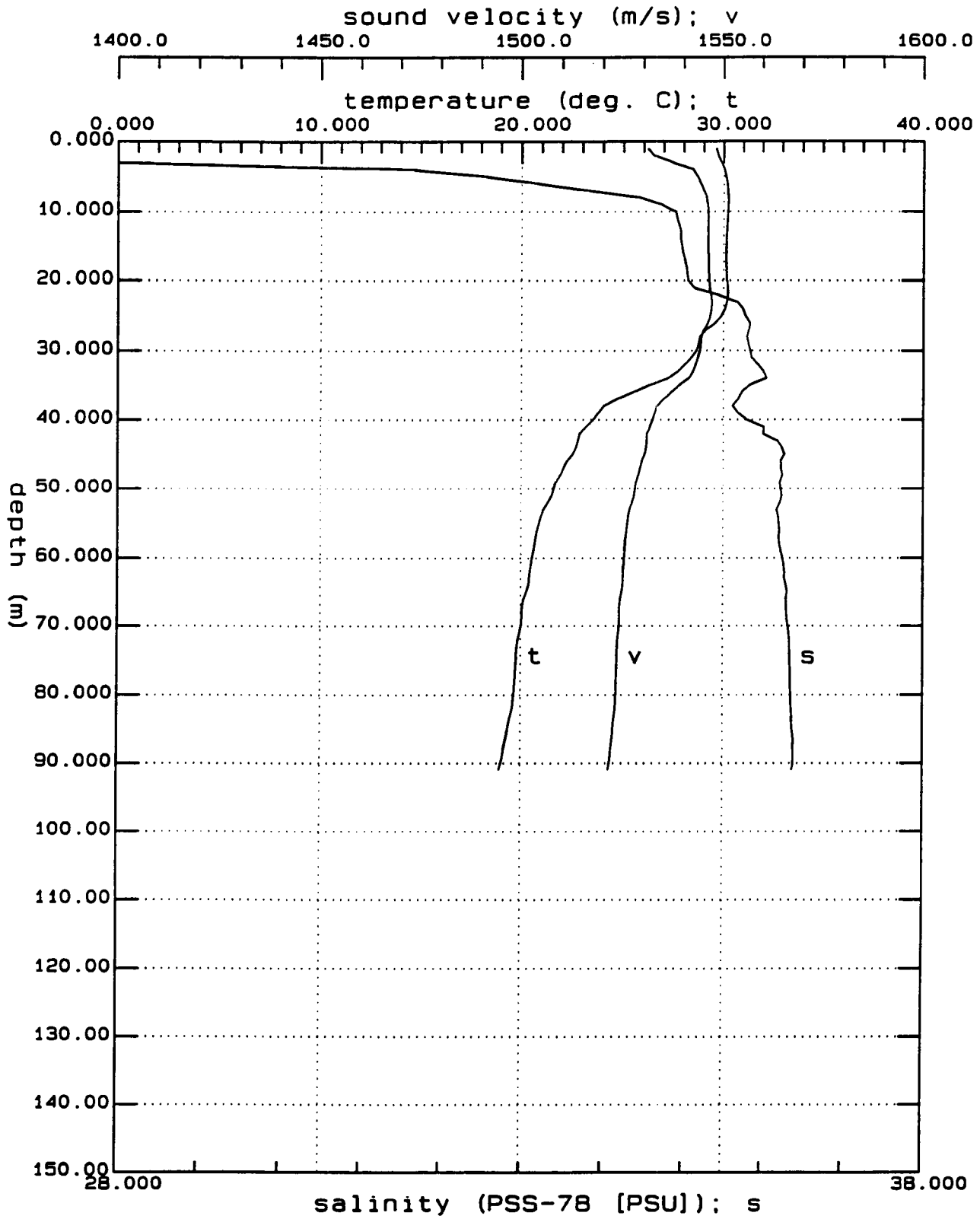
10-100.CNV: Gulfcet Cruise 06



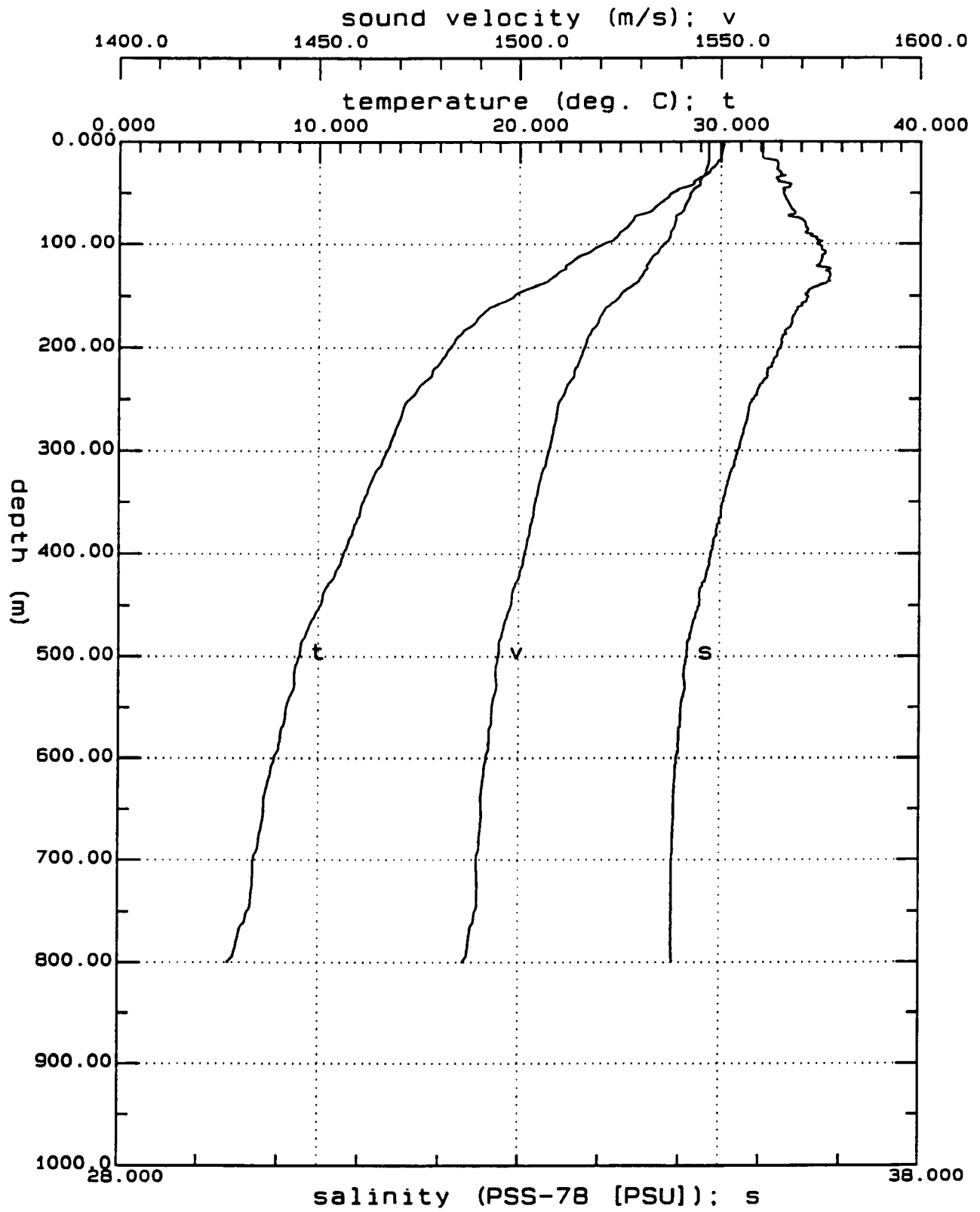
10-097.CNV: Gulfcet Cruise 06



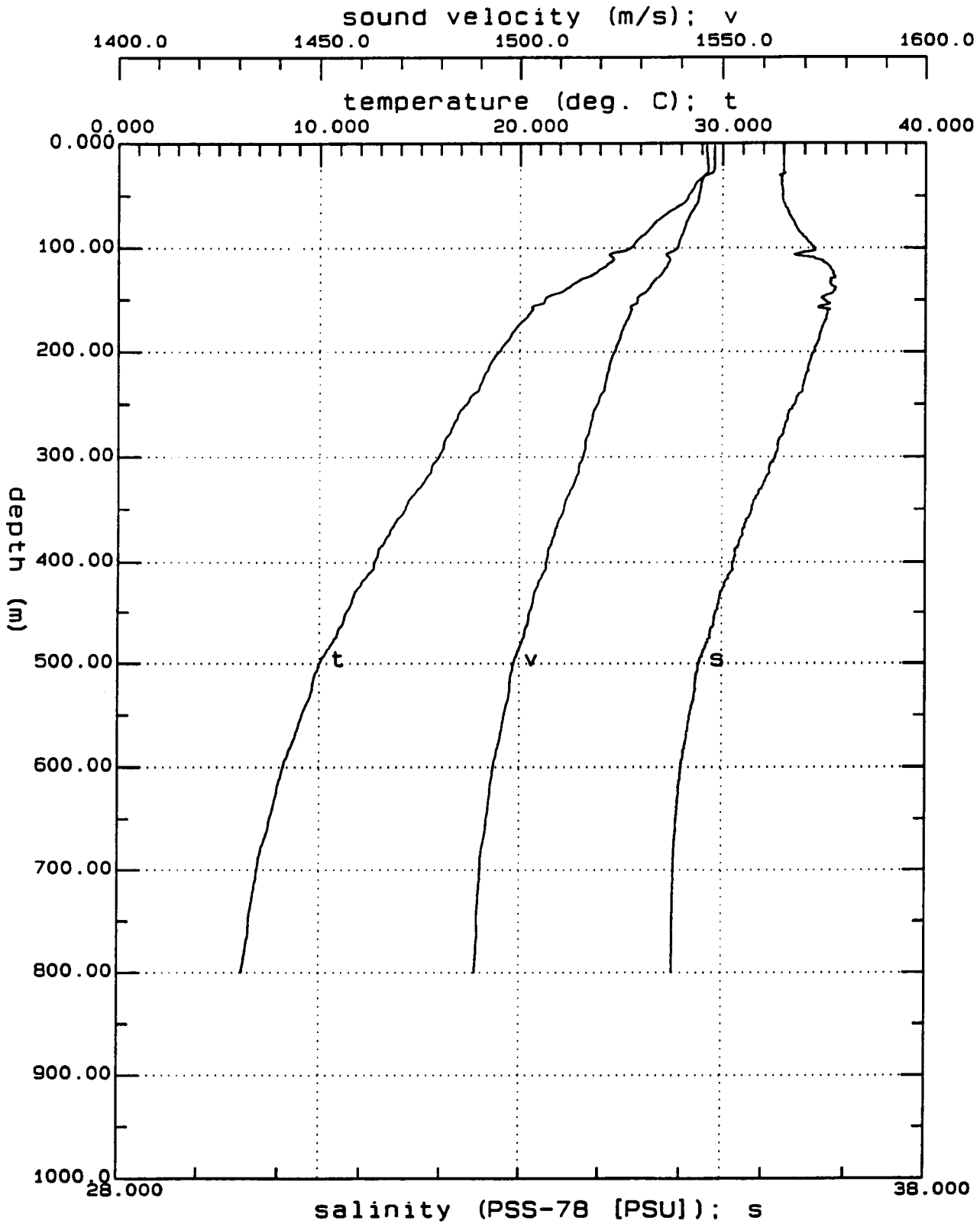
10-105.CNV: Gulfcet Cruise 06



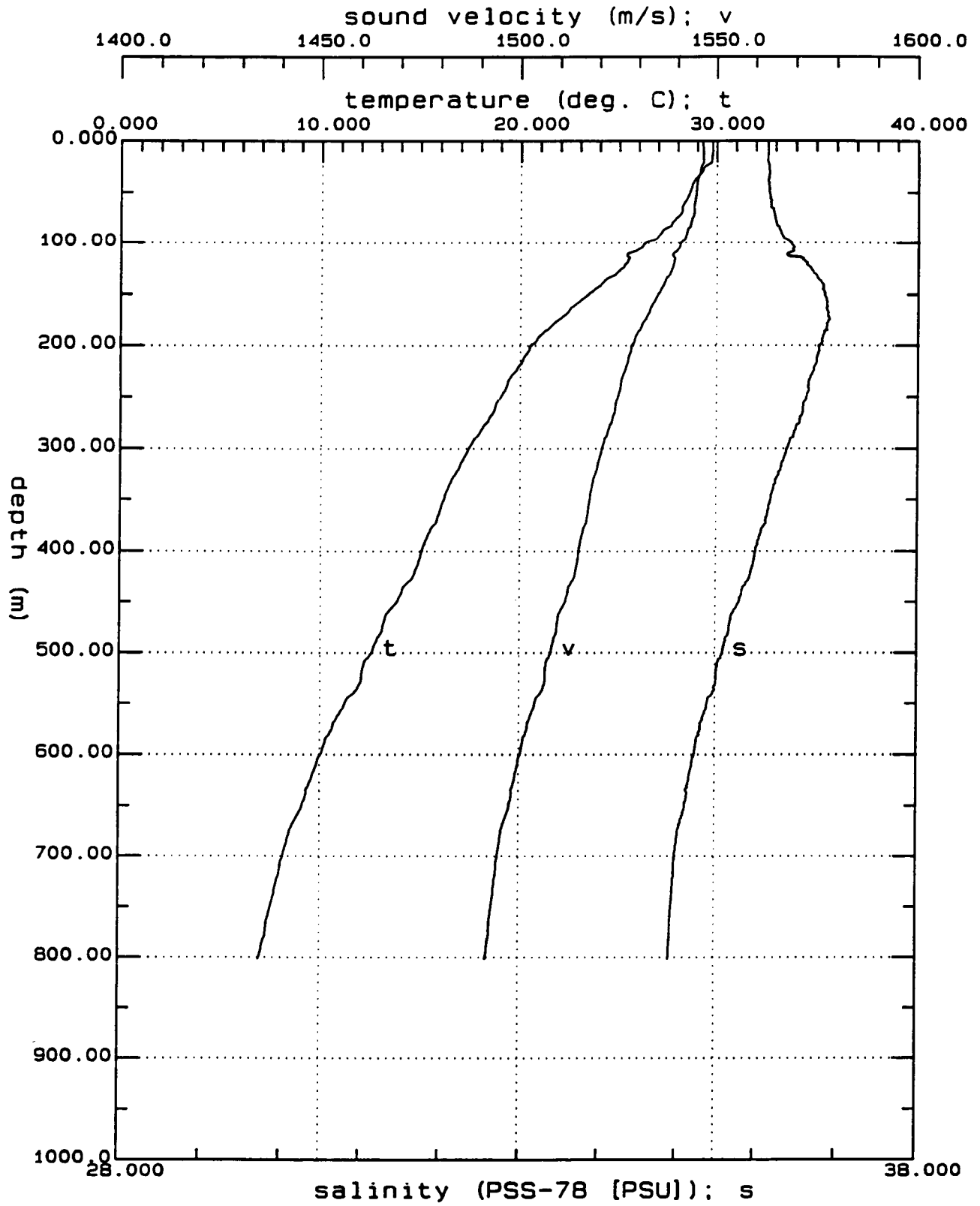
11-106.CNV: Gulfcet Cruise 06



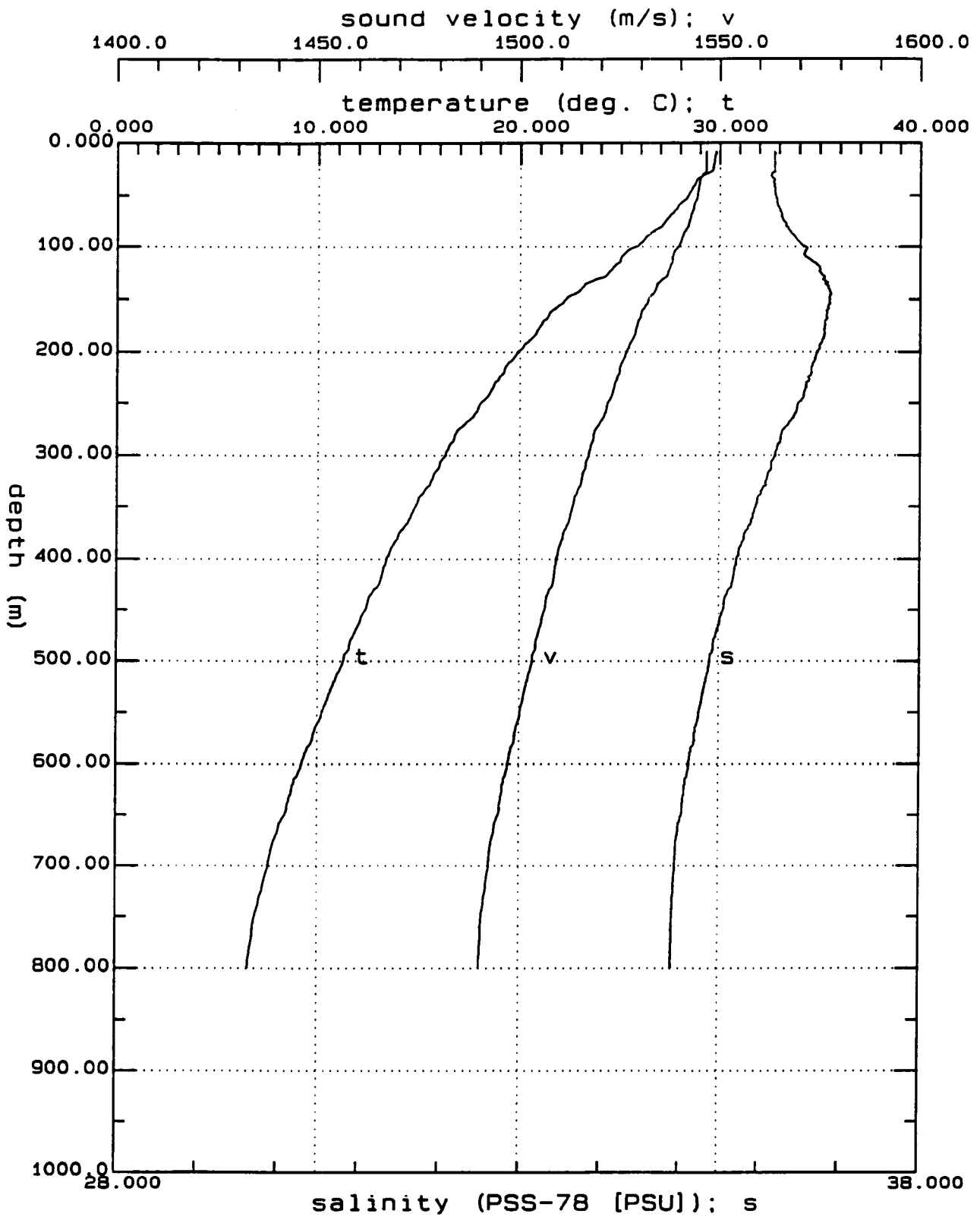
11-112.CNV: Gulfcet Cruise 06



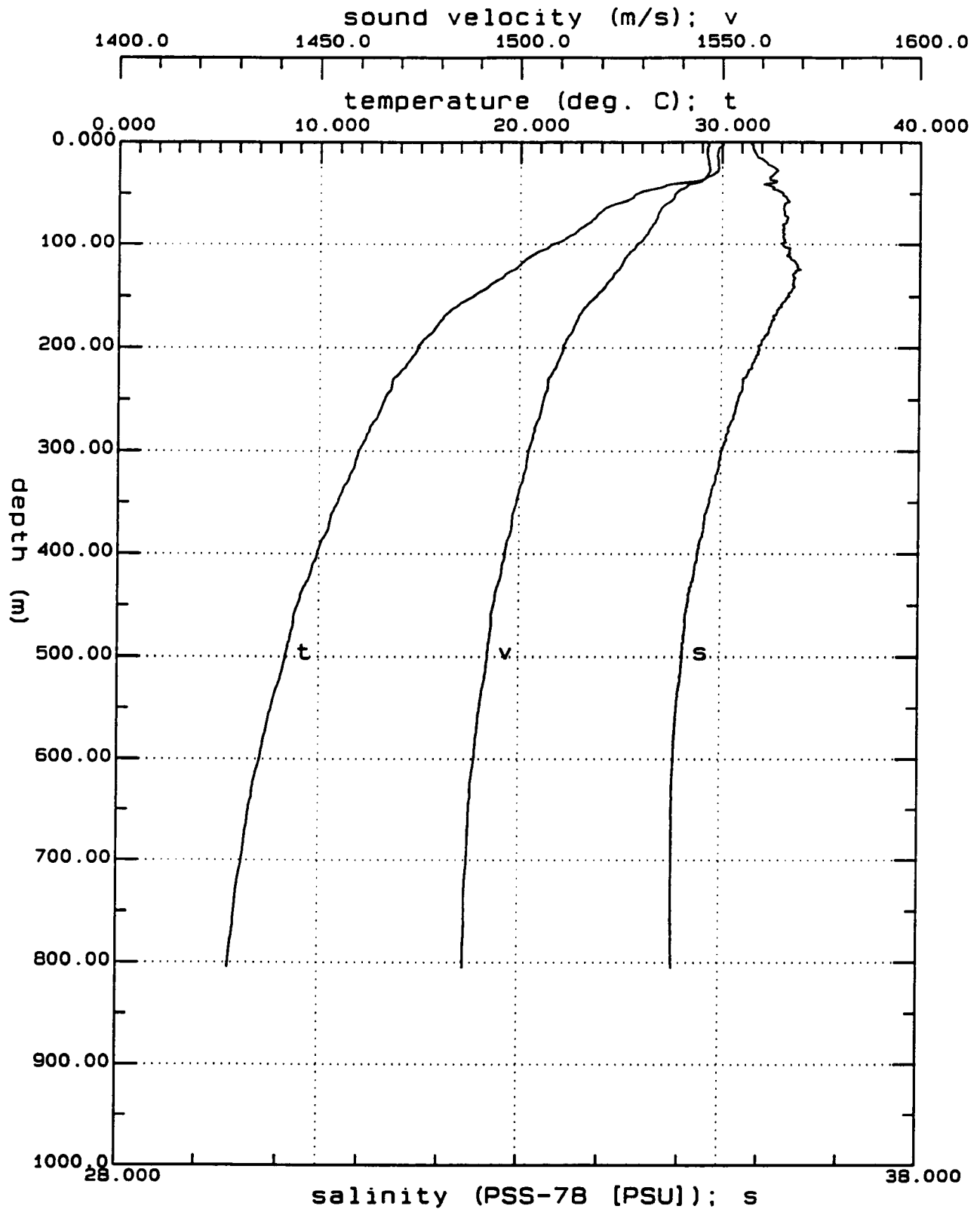
11-115.CNV: Gulfcet Cruise 06



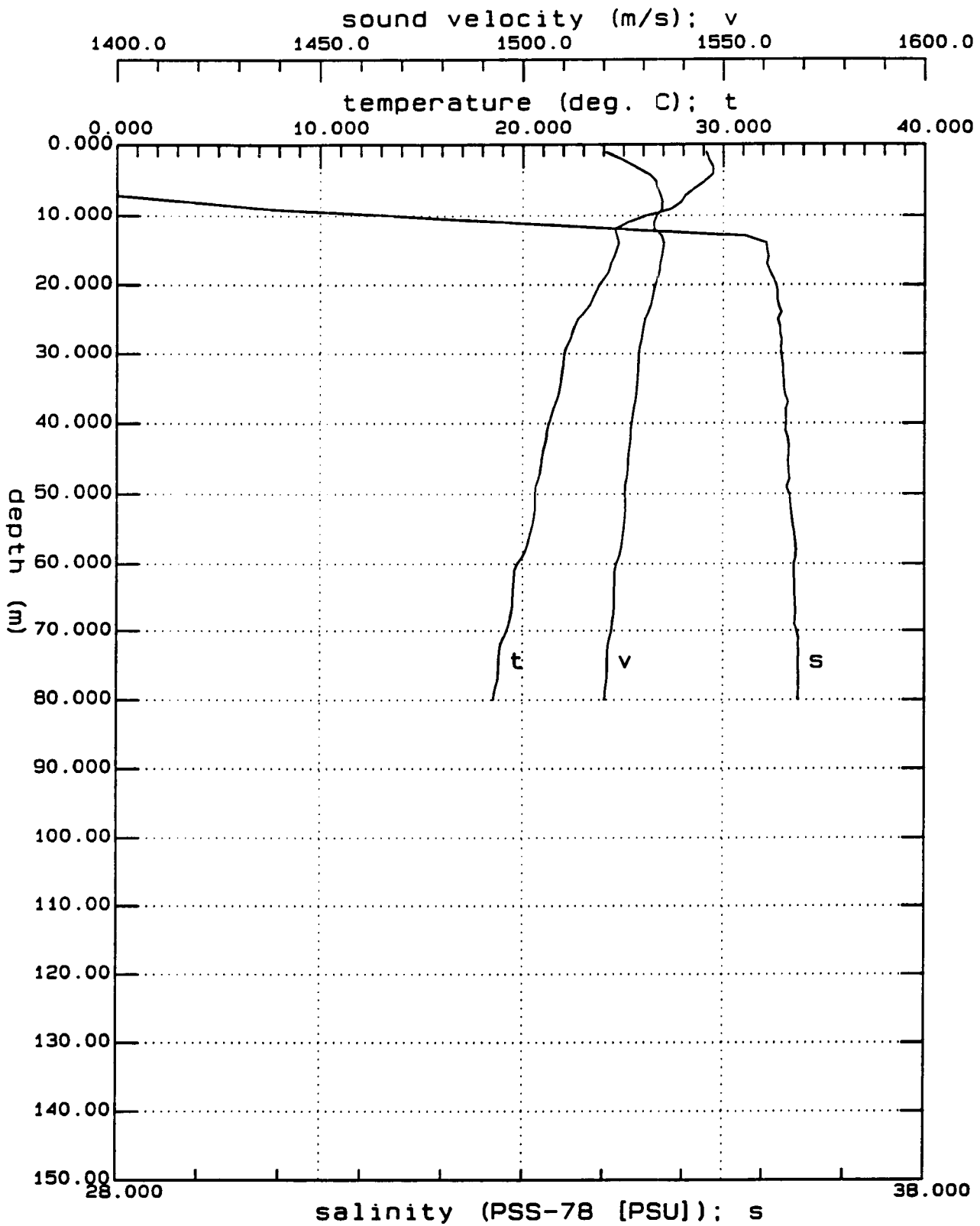
12-116.CNV: Gulfcet Cruise 06



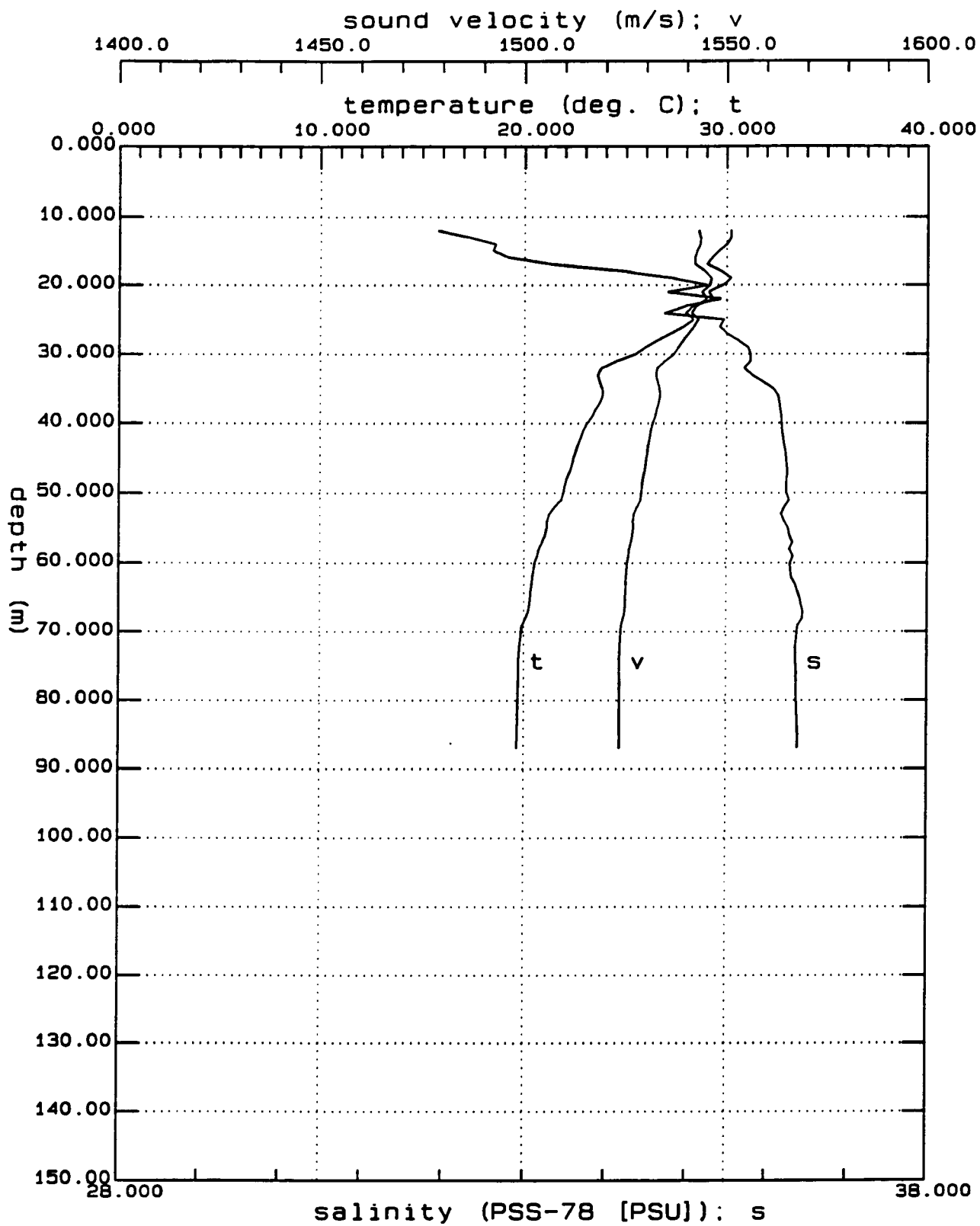
12-117.CNV: Gulfcet Cruise 06



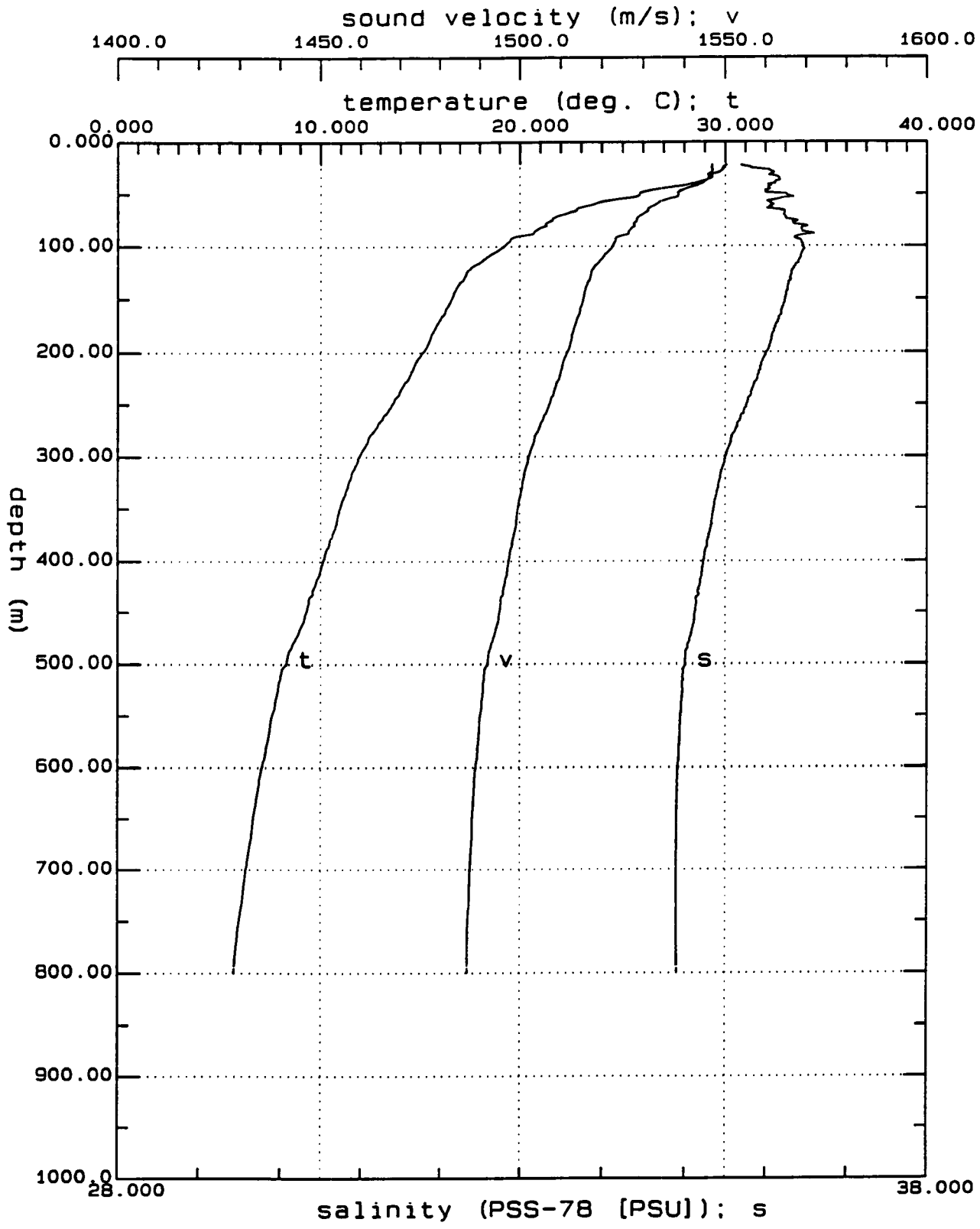
12-119.CNV: Gulfcet Cruise 06



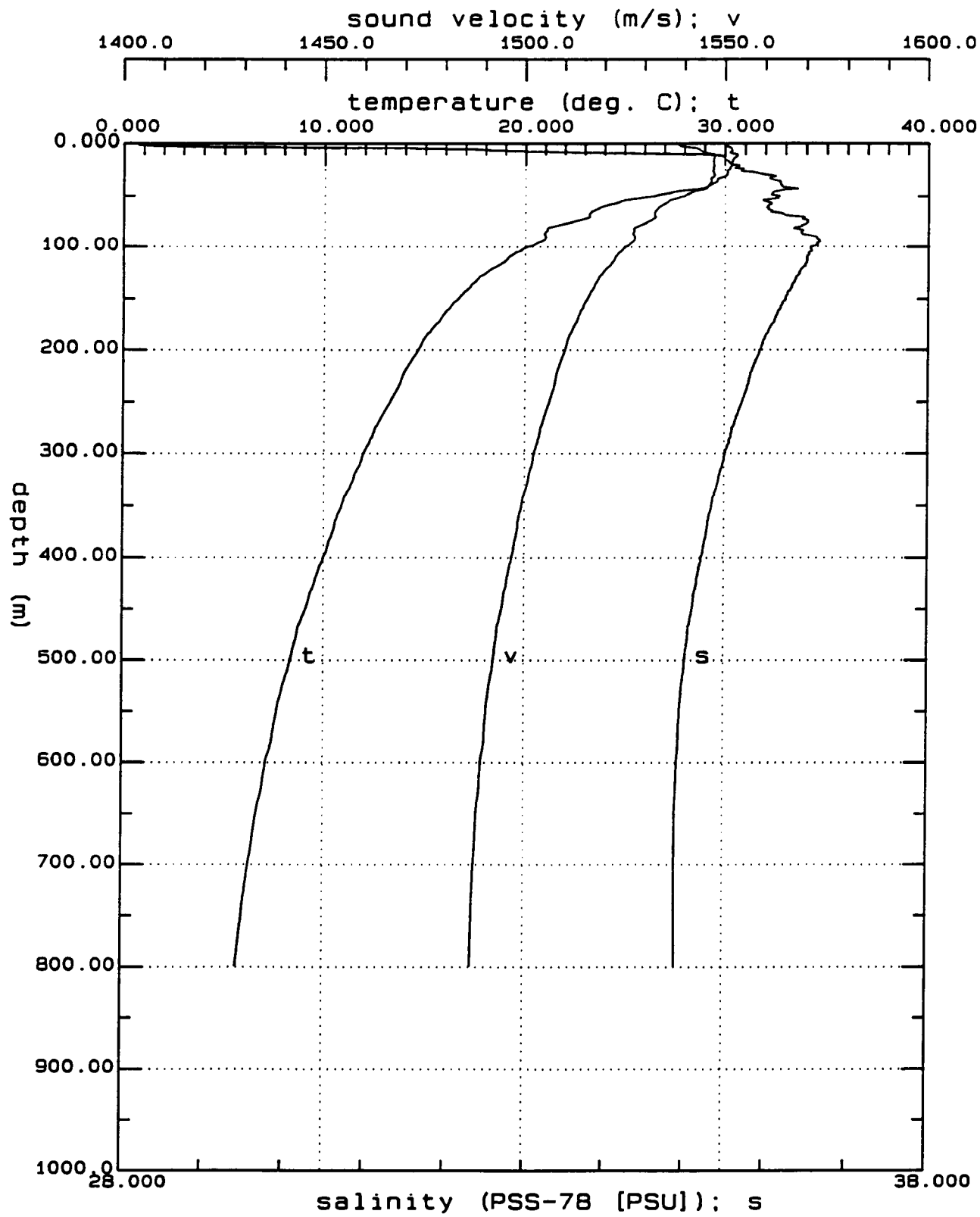
12-125.CNV: Gulfcet Cruise 06



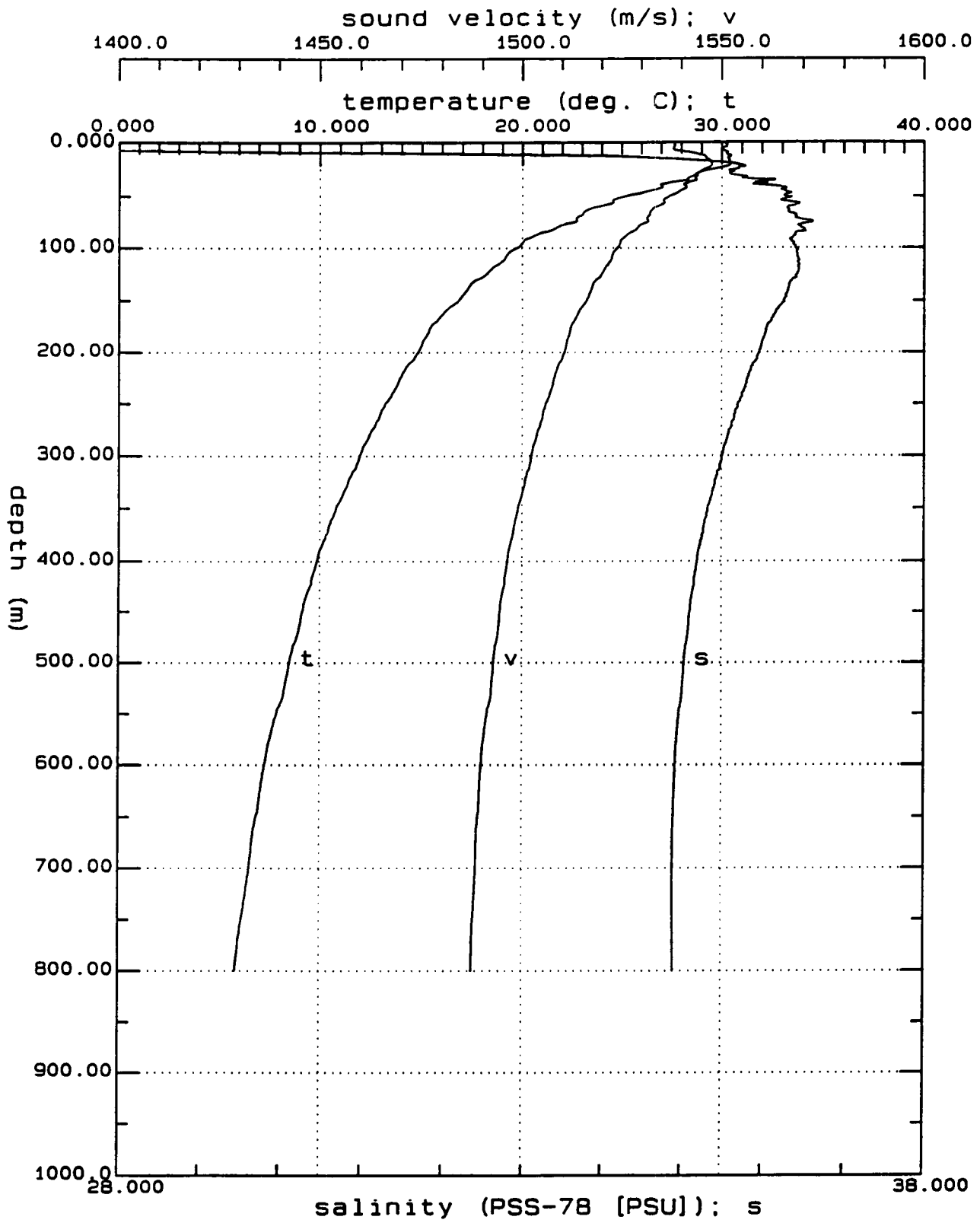
13-126.CNV: Gulfcet Cruise 06



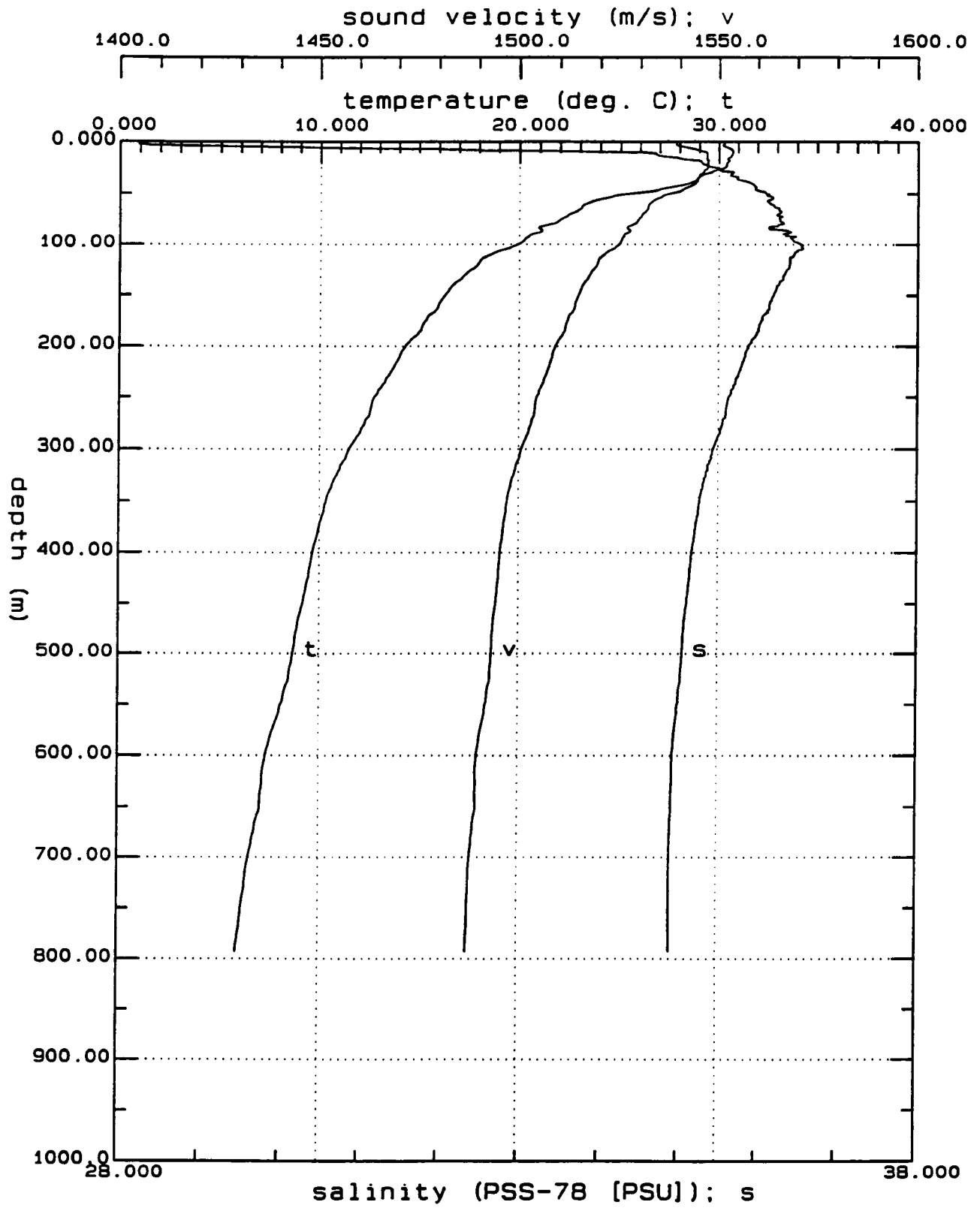
13-133.CNV: Gulfcet Cruise 06



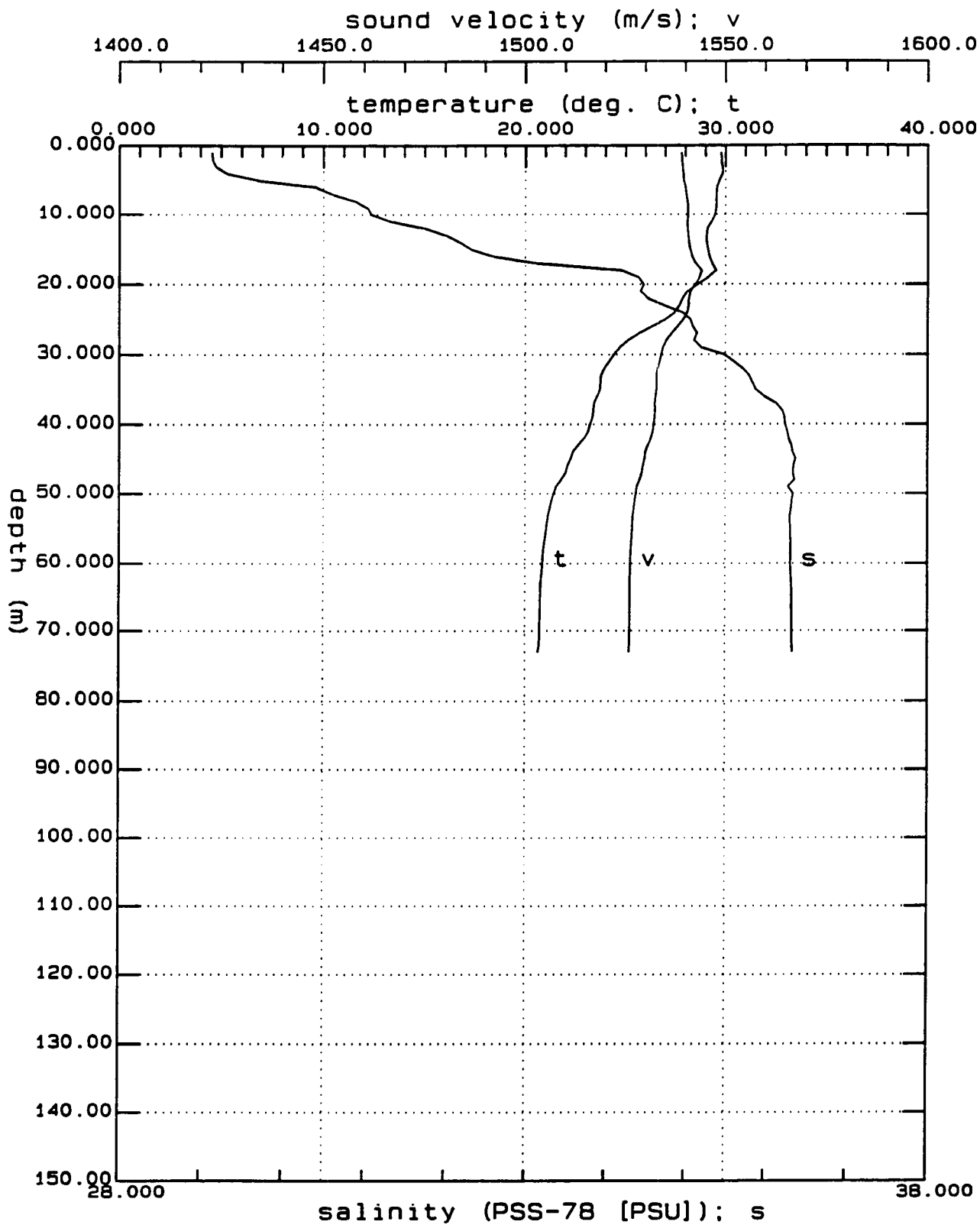
13-134.CNV: Gulfcet Cruise 06



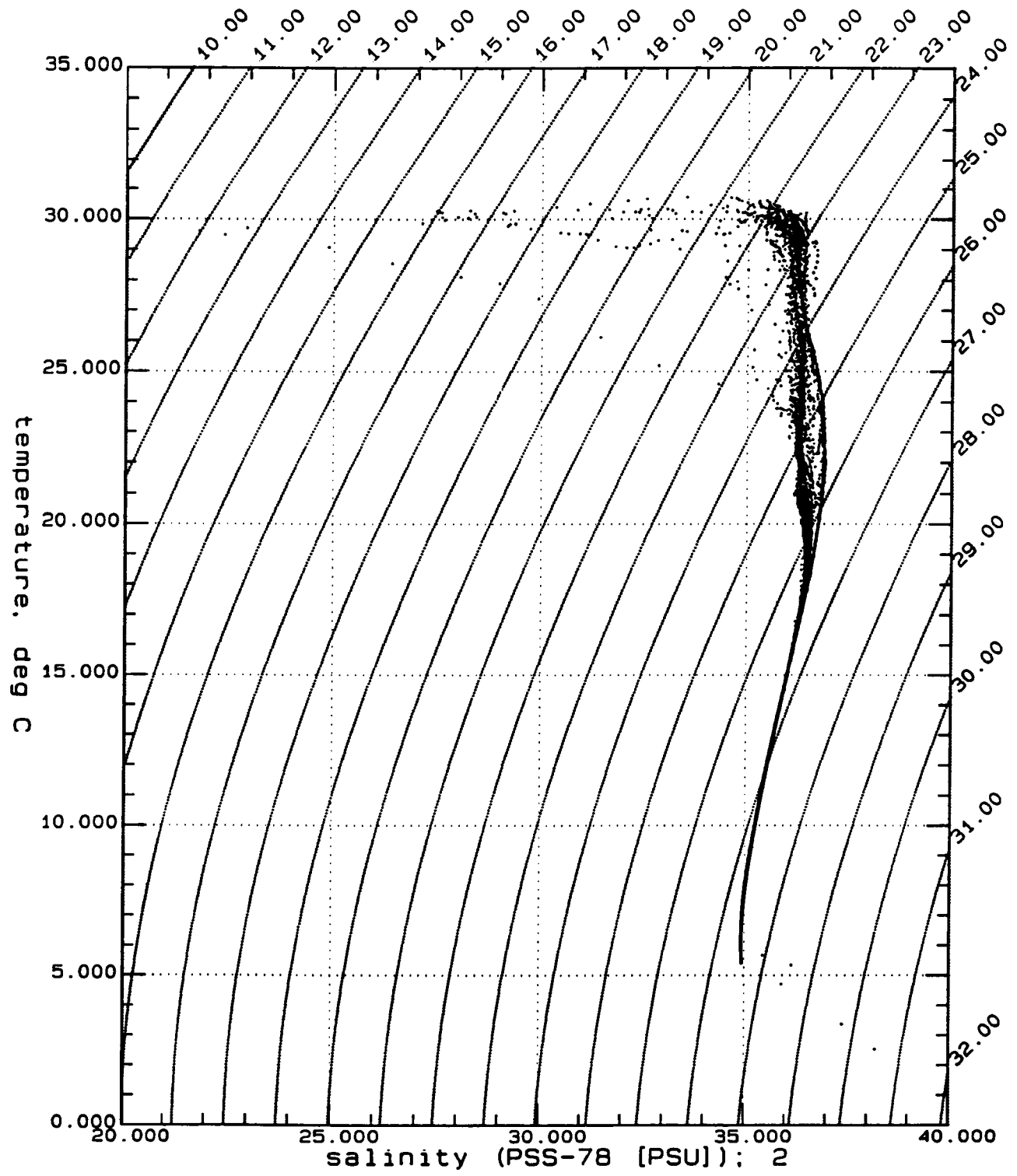
14-135.CNV: Gulfcet Cruise 06



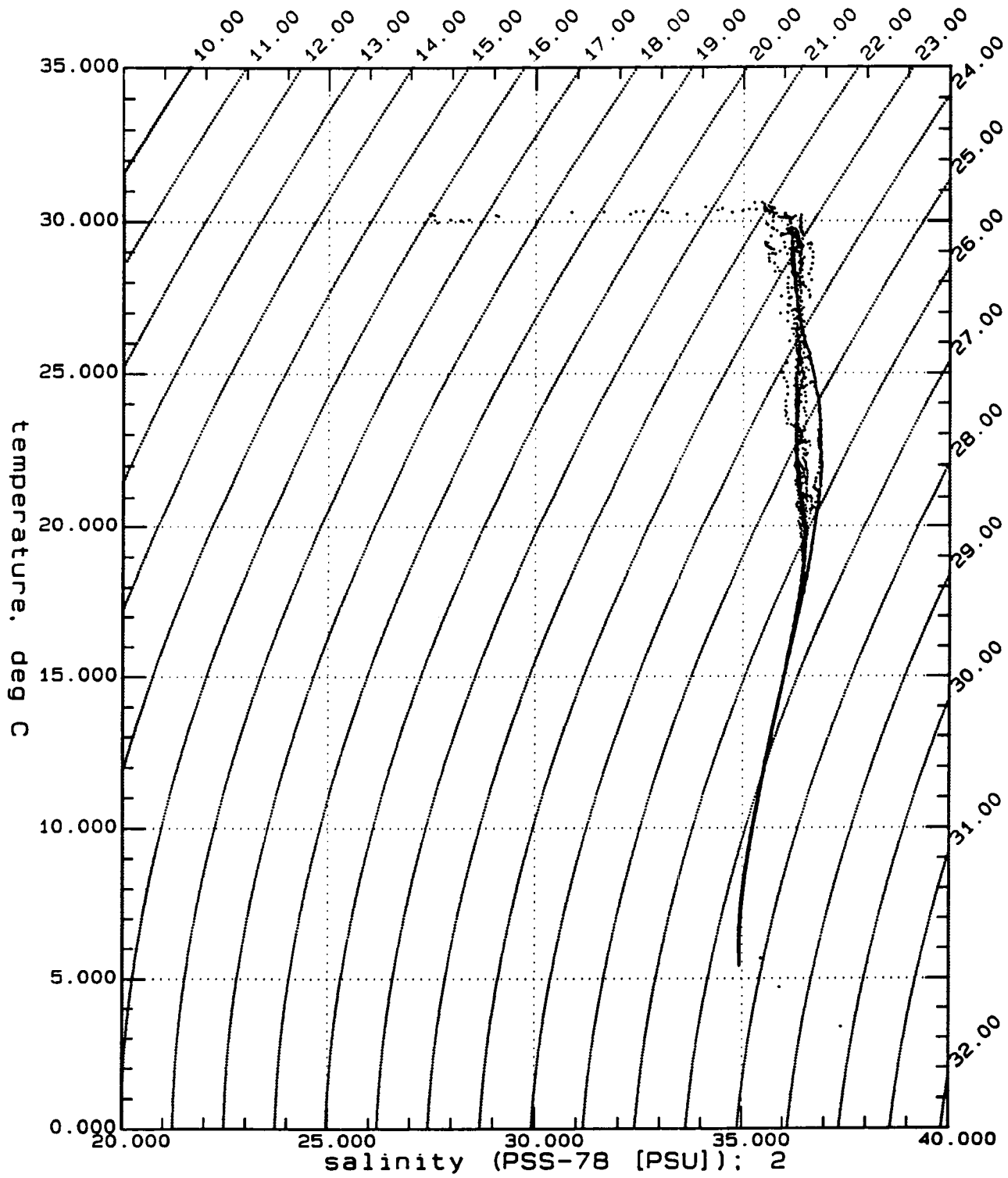
14-136.CNV: Gulfcet Cruise 06



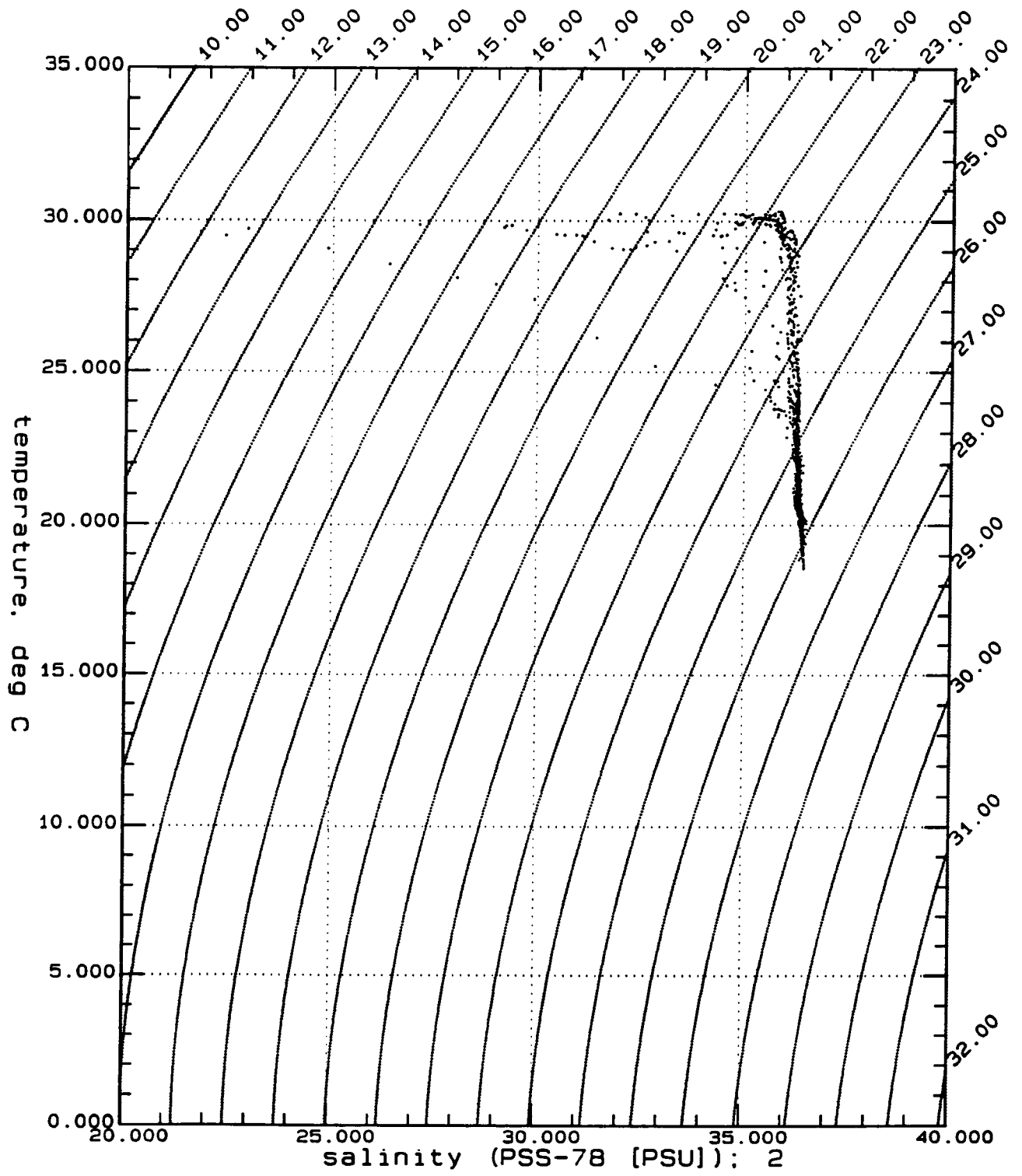
14-143.CNV: Gulfcet Cruise 06



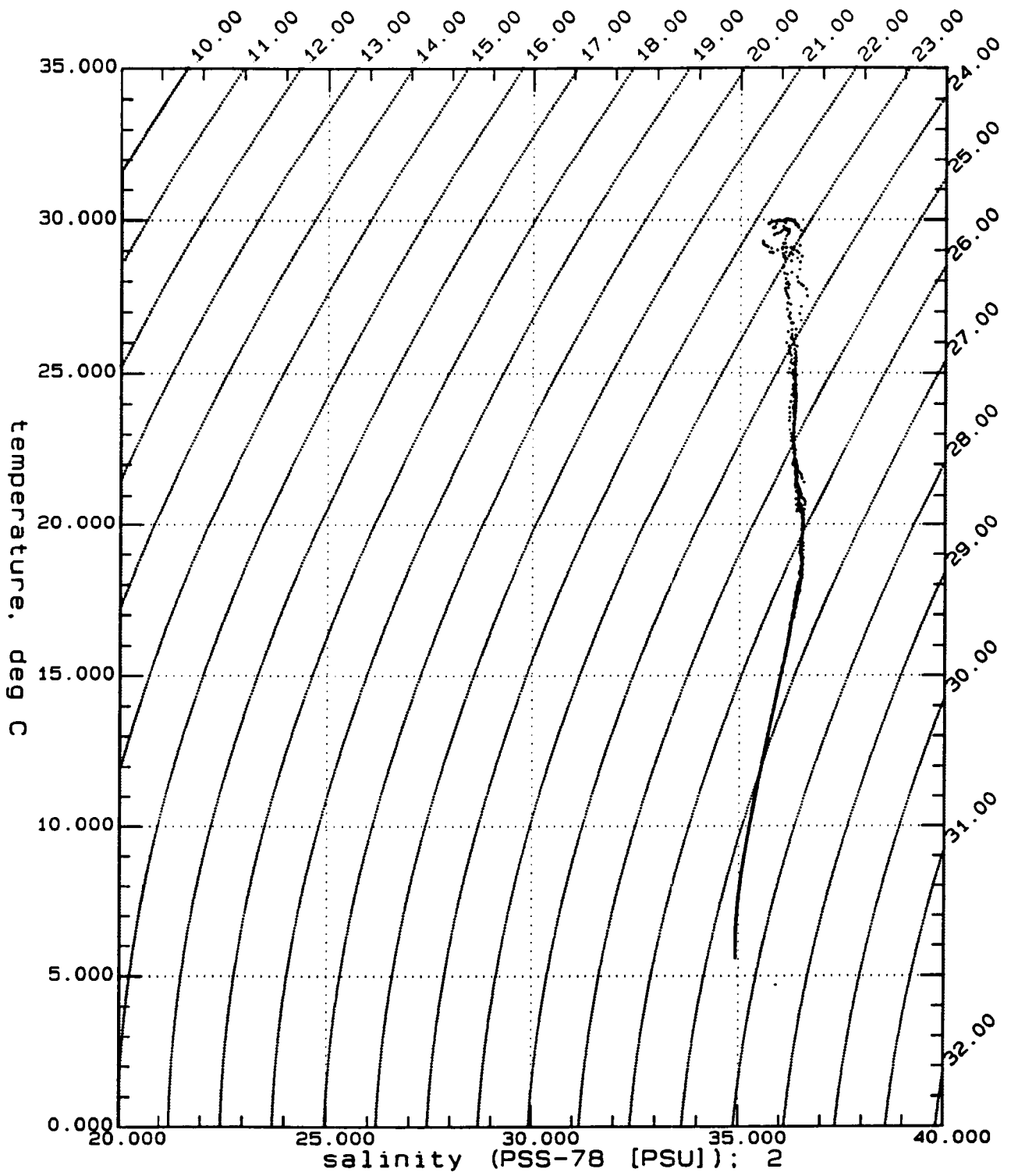
Gulfcet Cruise 06 - All Stations



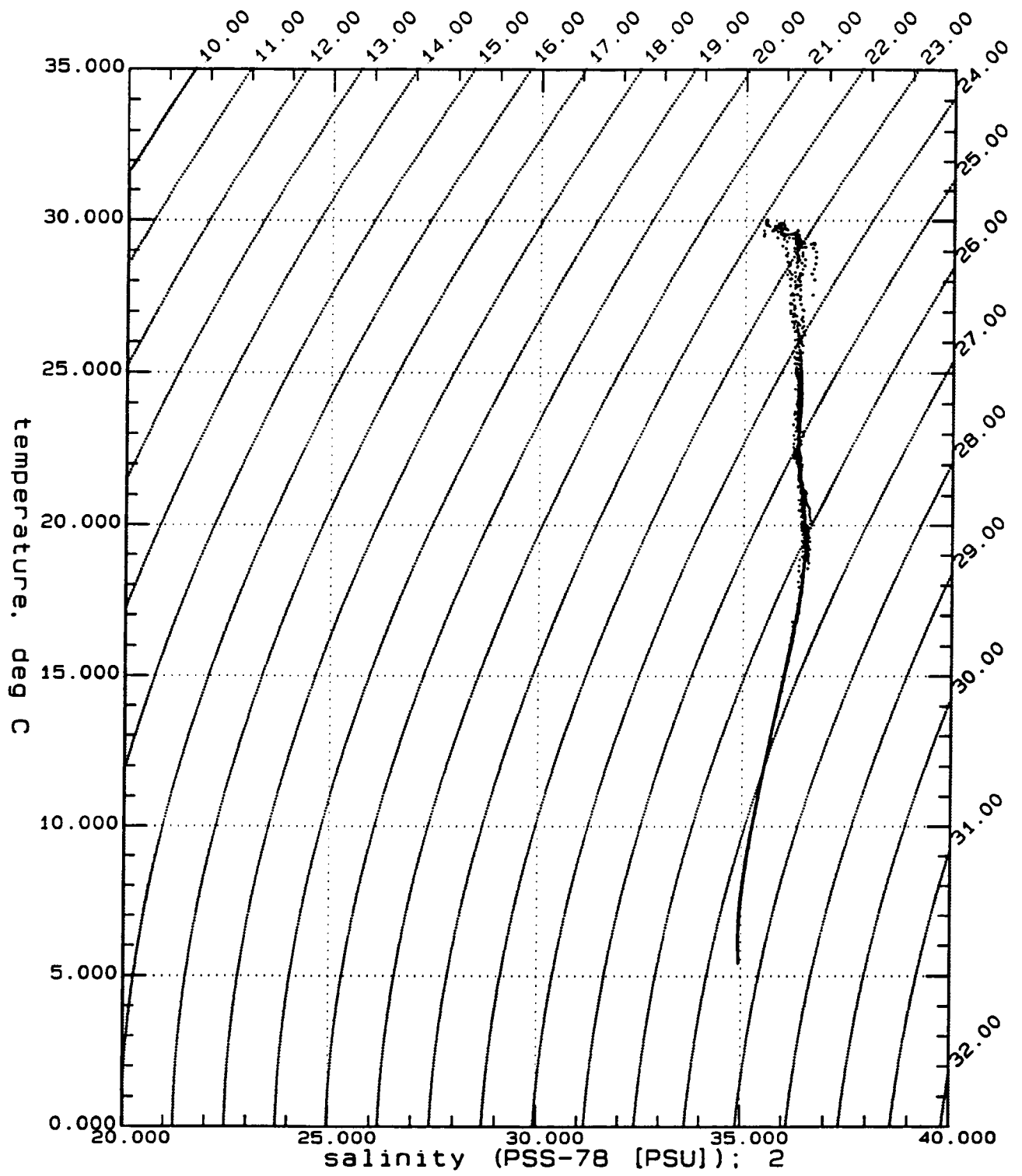
Gulfcet Cruise 06 - Offshore Stations



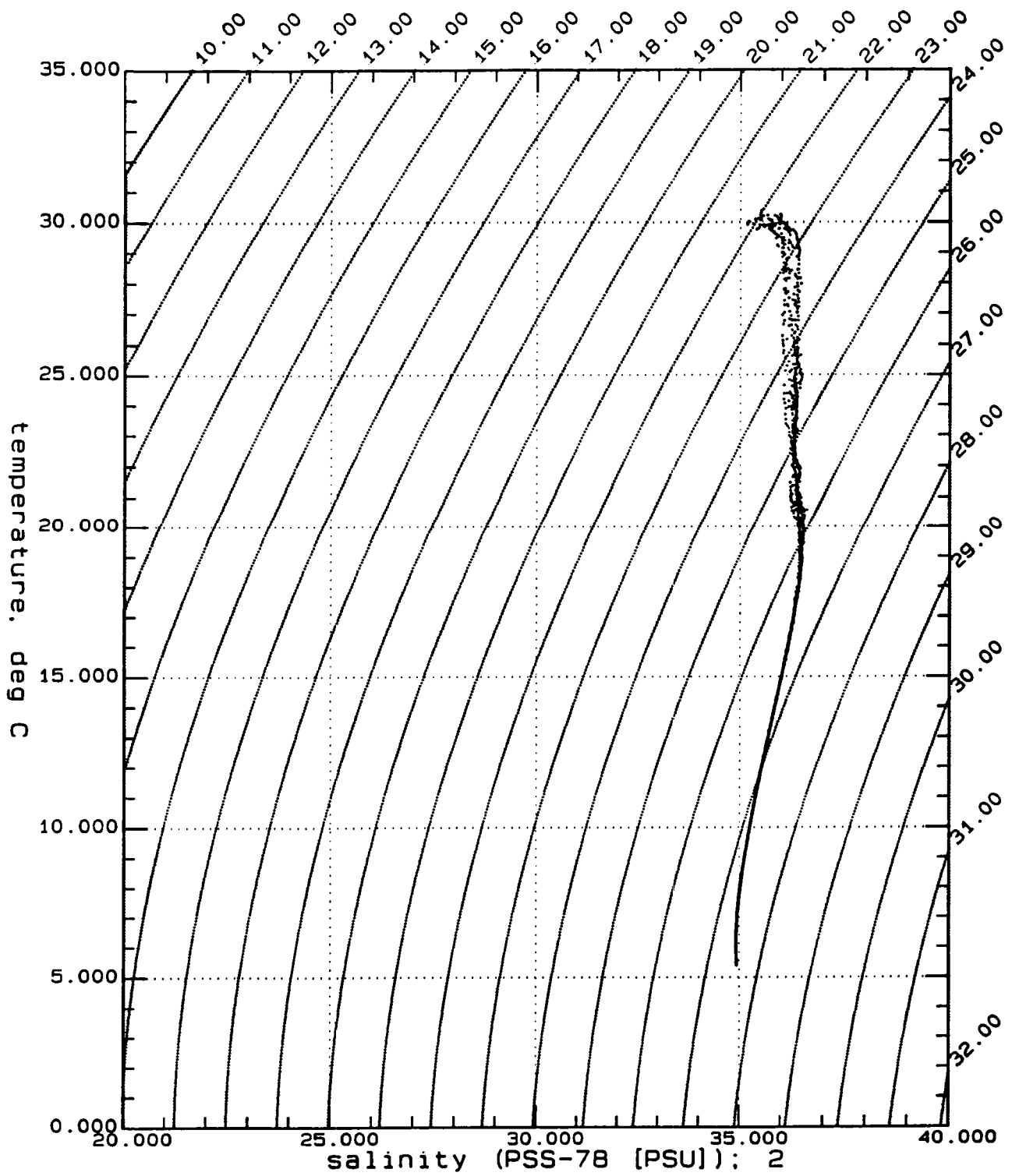
Gulfcet Cruise 06 - Inshore Stations



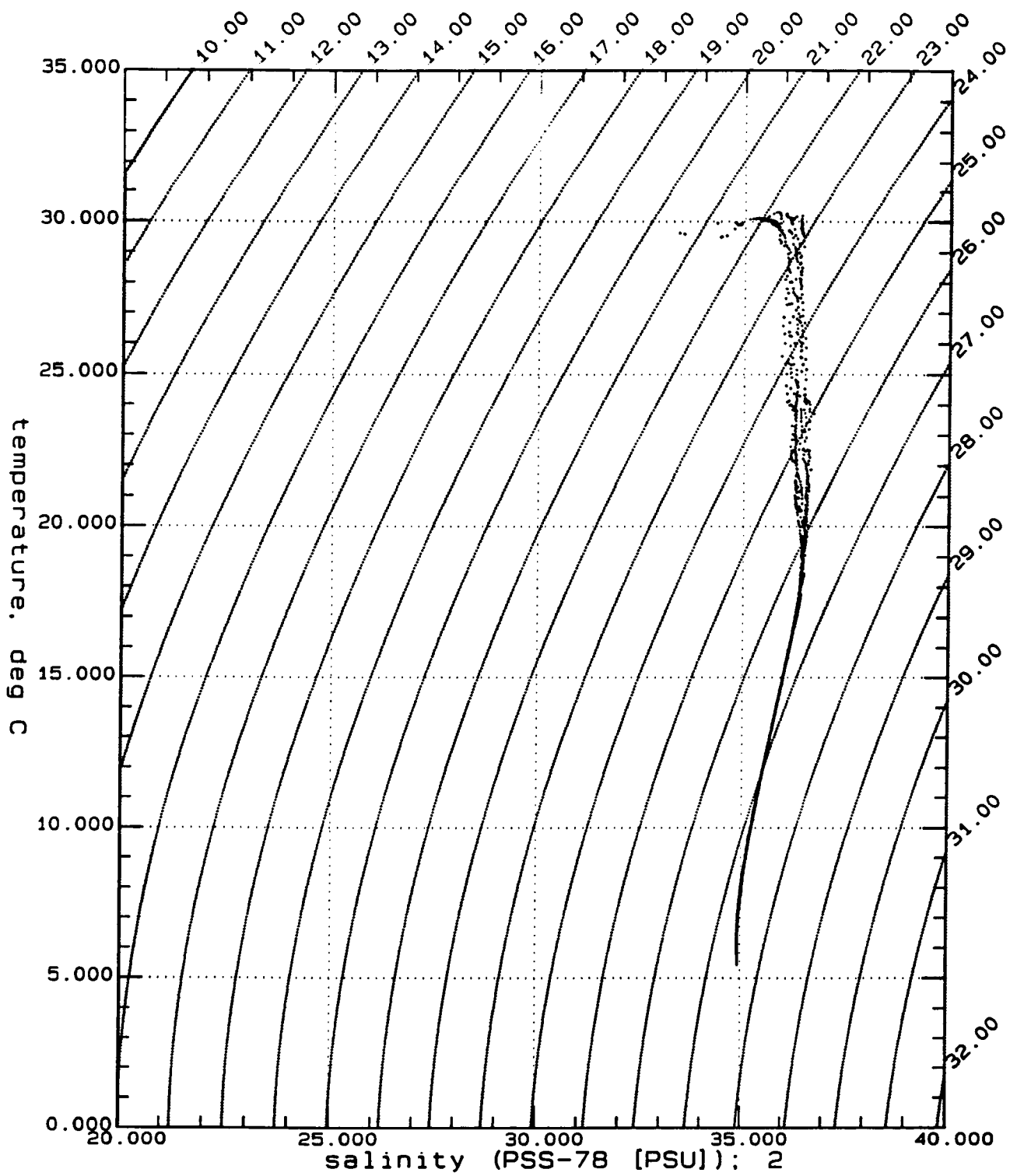
Gulfcet Cruise 06 - Lines 03 and 04



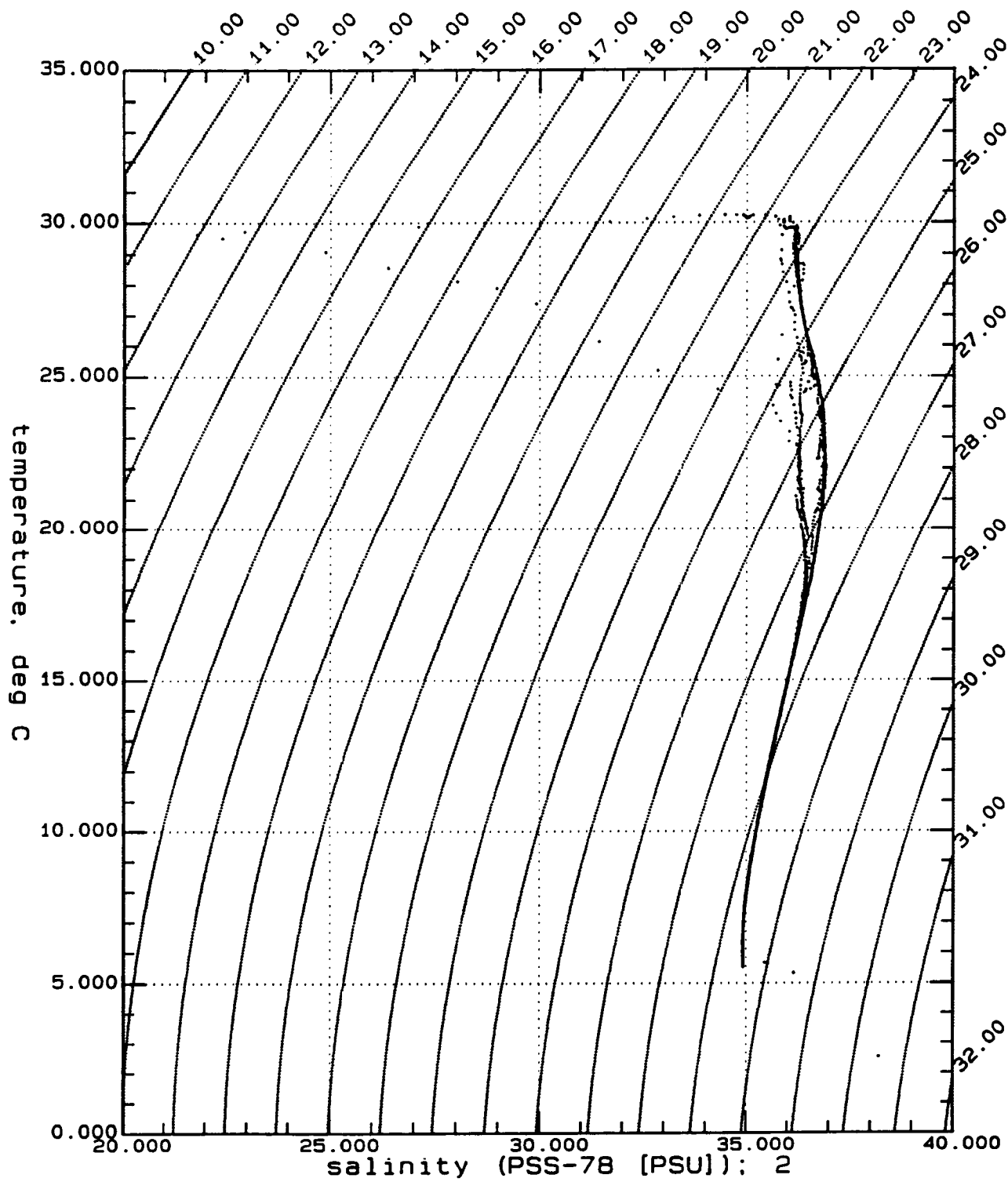
Gulfcet Cruise 06 - Lines 05 and 06



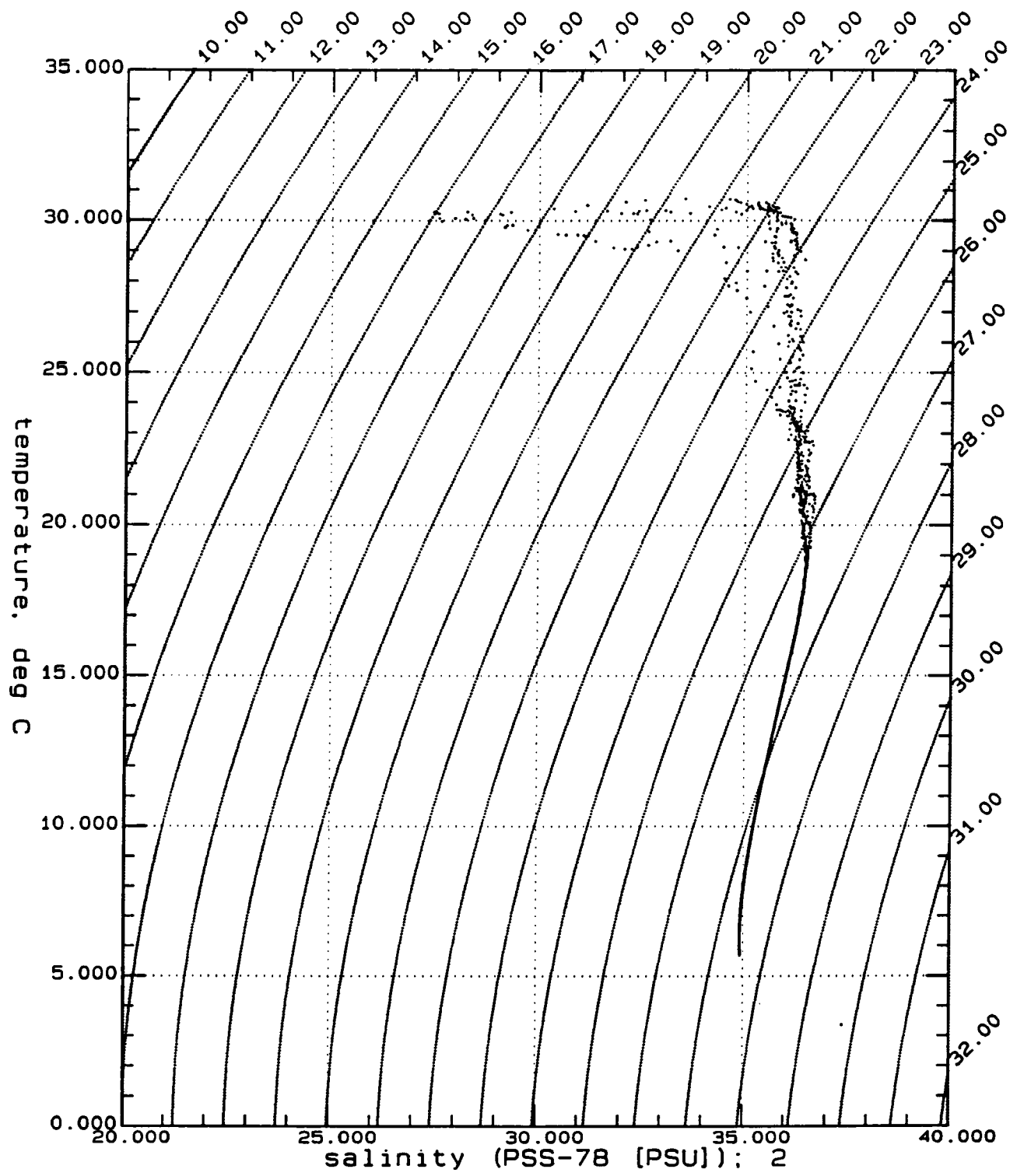
Gulfcet Cruise 06 - Lines 07 and 08



Gulfcet Cruise 06 - Lines 09 and 10



Gulfcet Cruise 06 - Lines 11 and 12



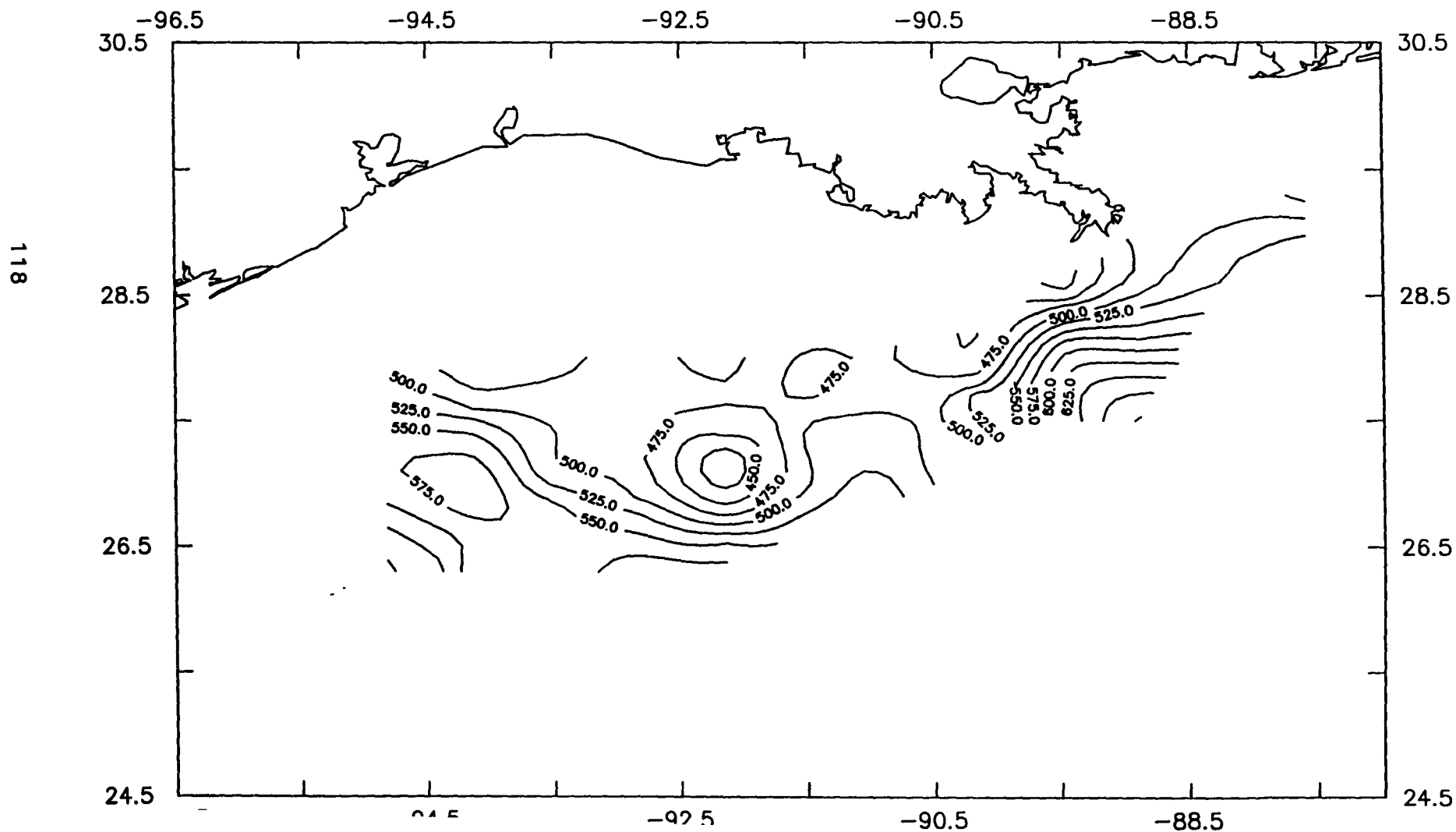
Gulfcet Cruise 06 - Lines 13 and 14

TEMPERATURE DATA:

- 8°, 15°, AND 20°C ISOTHERM MAPS
- TEMPERATURE PROFILES BY TRACK LINE

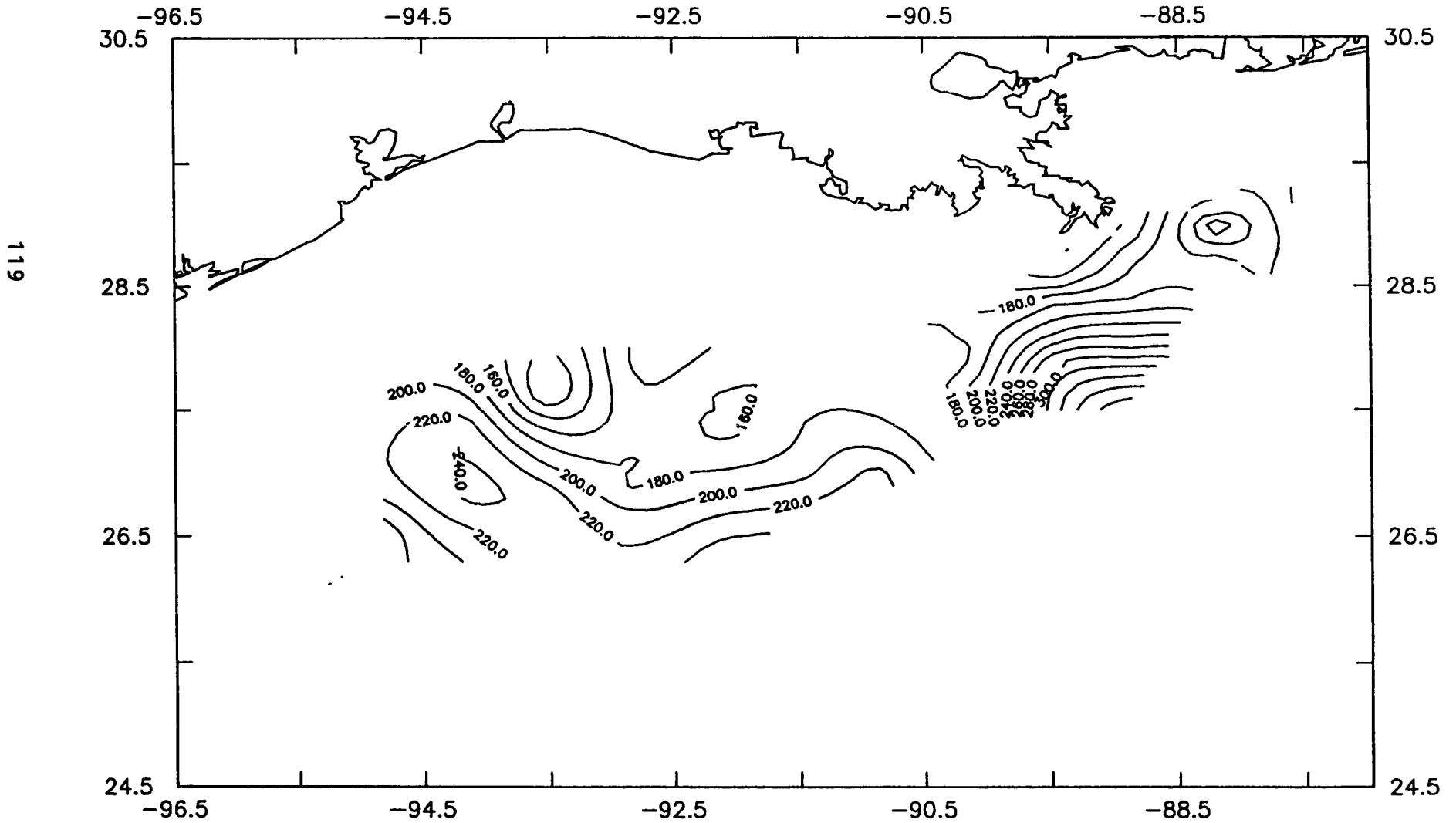
Depth of 8 °C Isotherm (m)

GulfCet 06



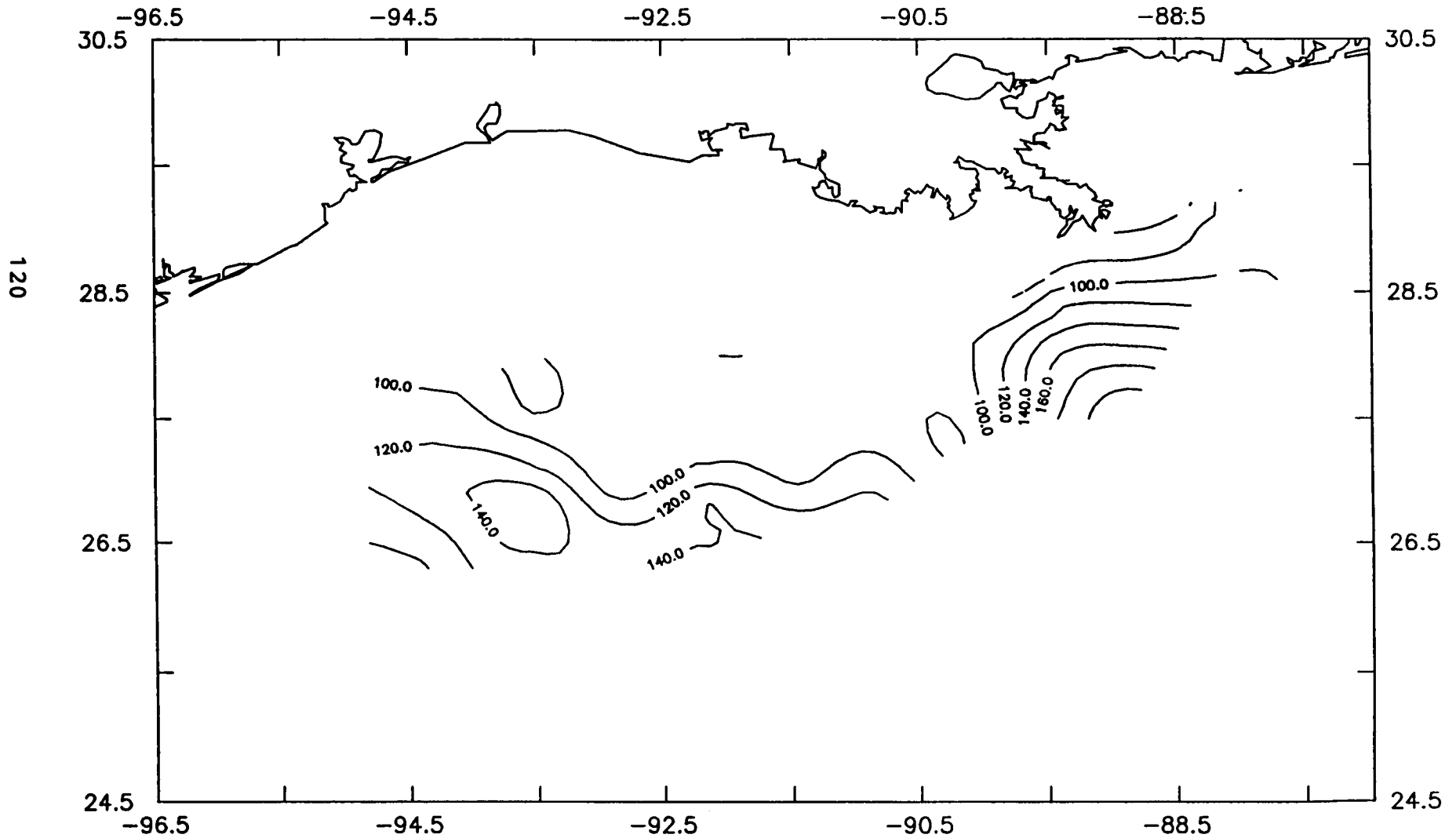
Depth of 15 °C Isotherm (m)

GulfCet 06



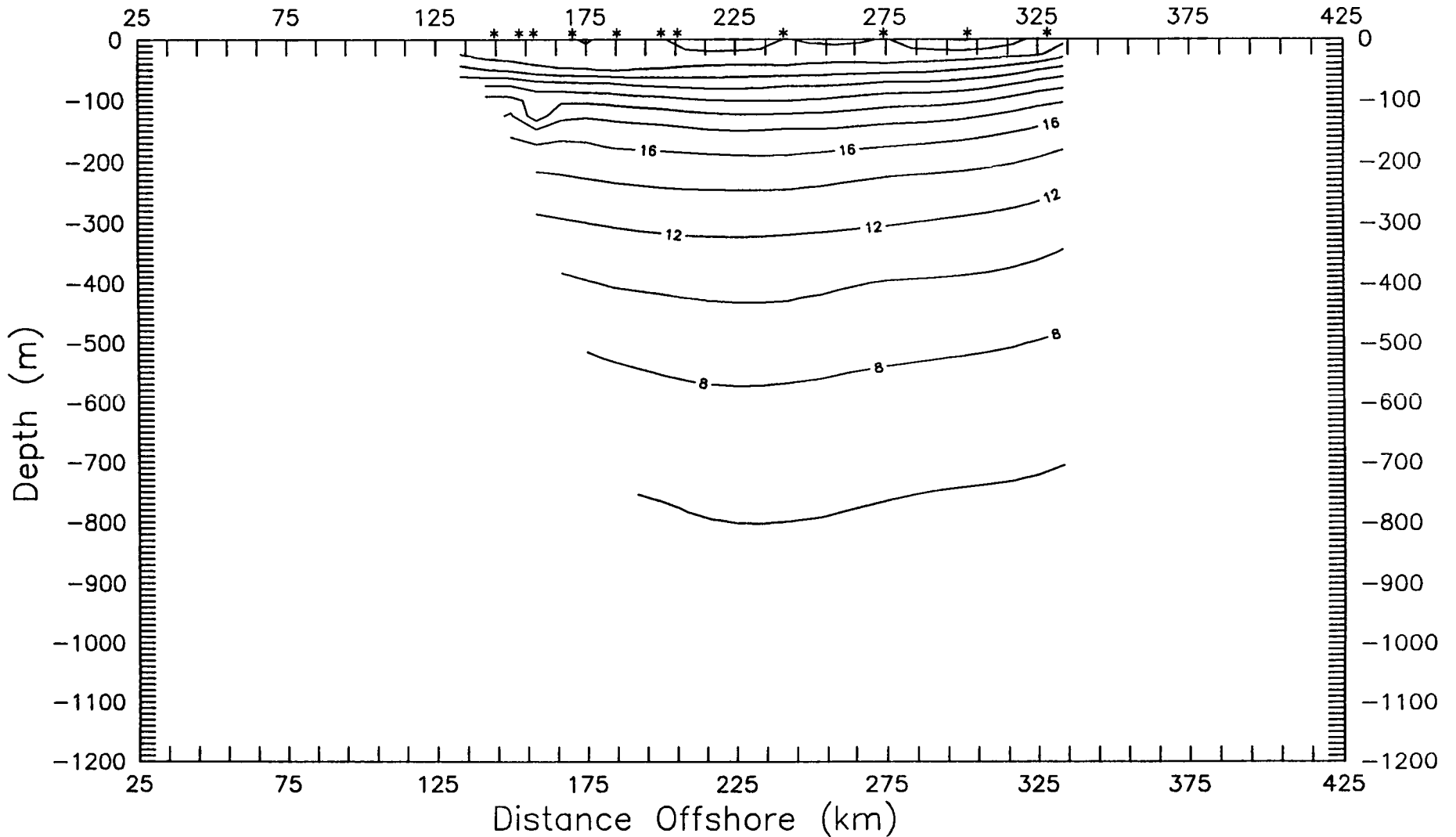
Depth of 20 °C Isotherm (m)

GulfCet 06



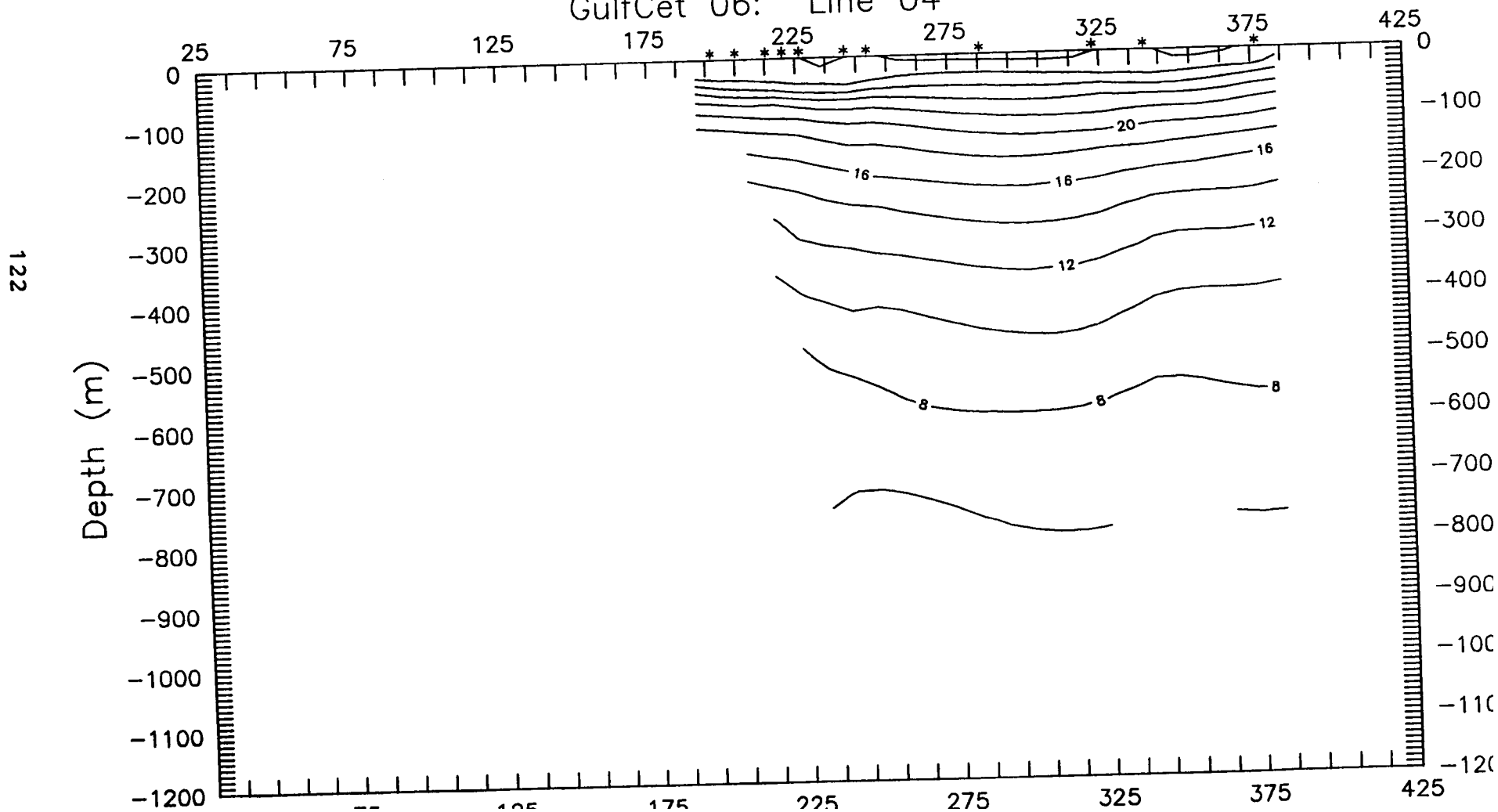
Temperature (°C)

GulfCet 06: Line 03



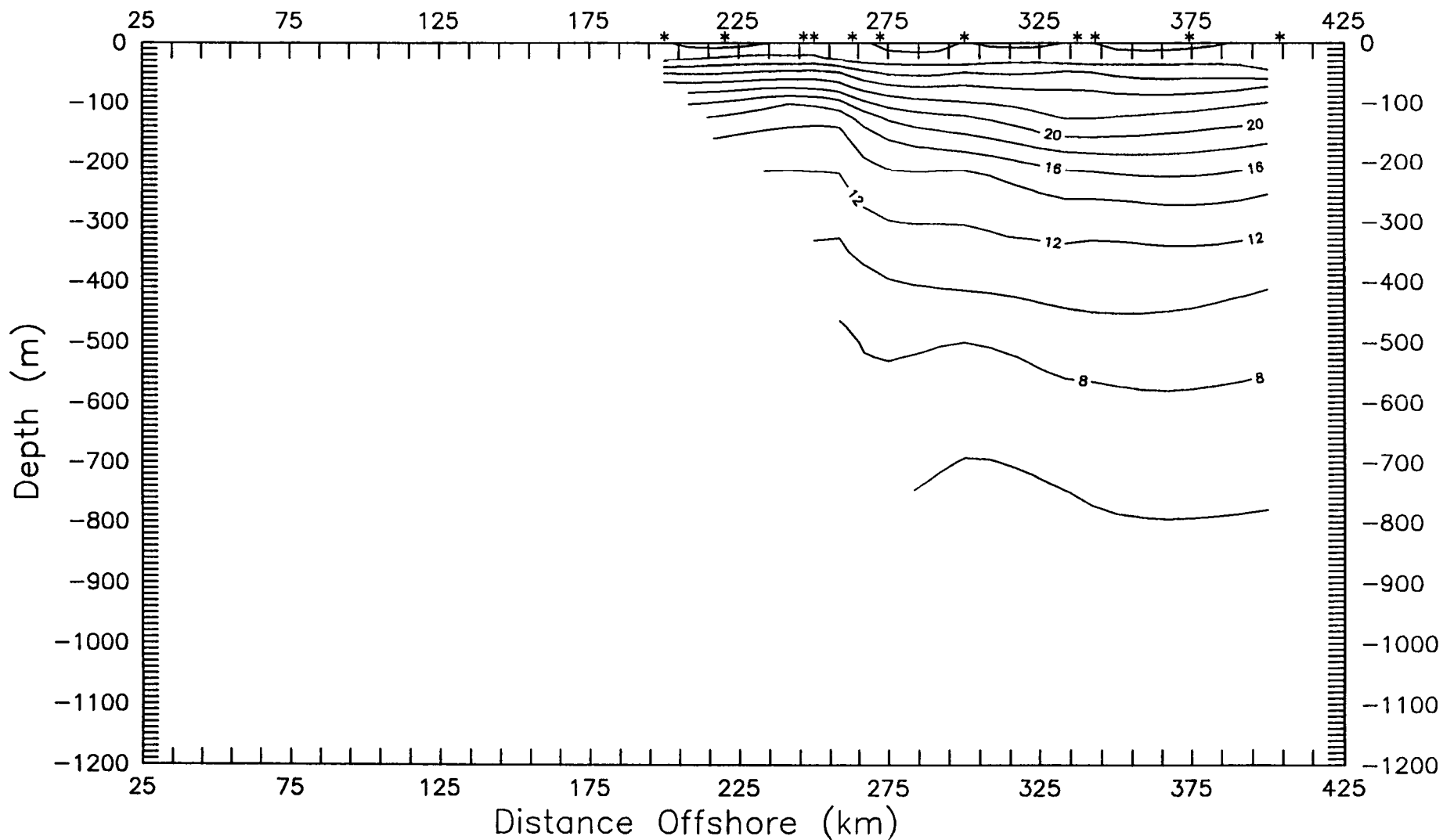
Temperature (°C)

GulfCet 06: Line 04



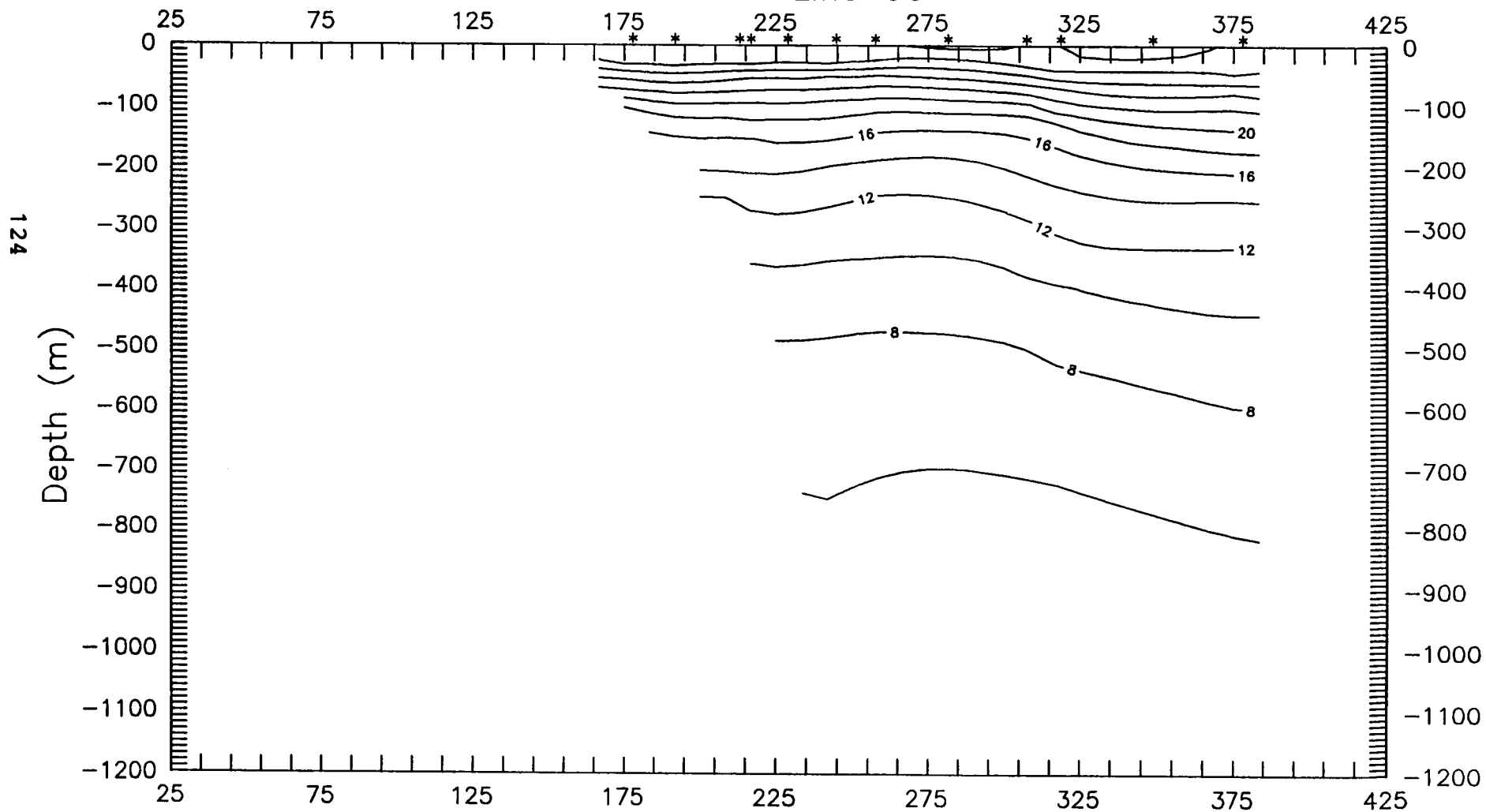
Temperature (°C)

GulfCet 06: Line 05



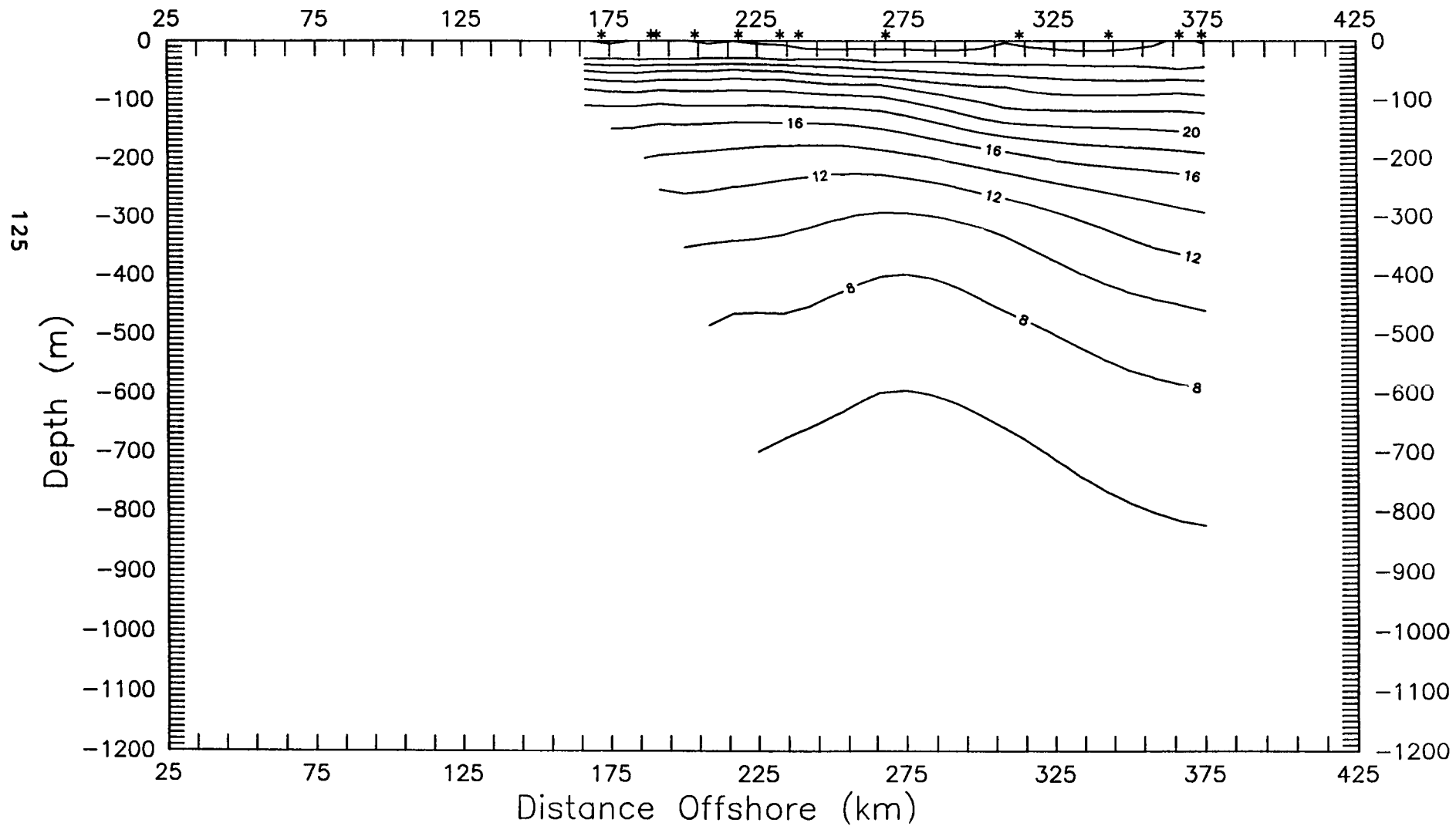
Temperature (°C)

GulfCet 06: Line 06



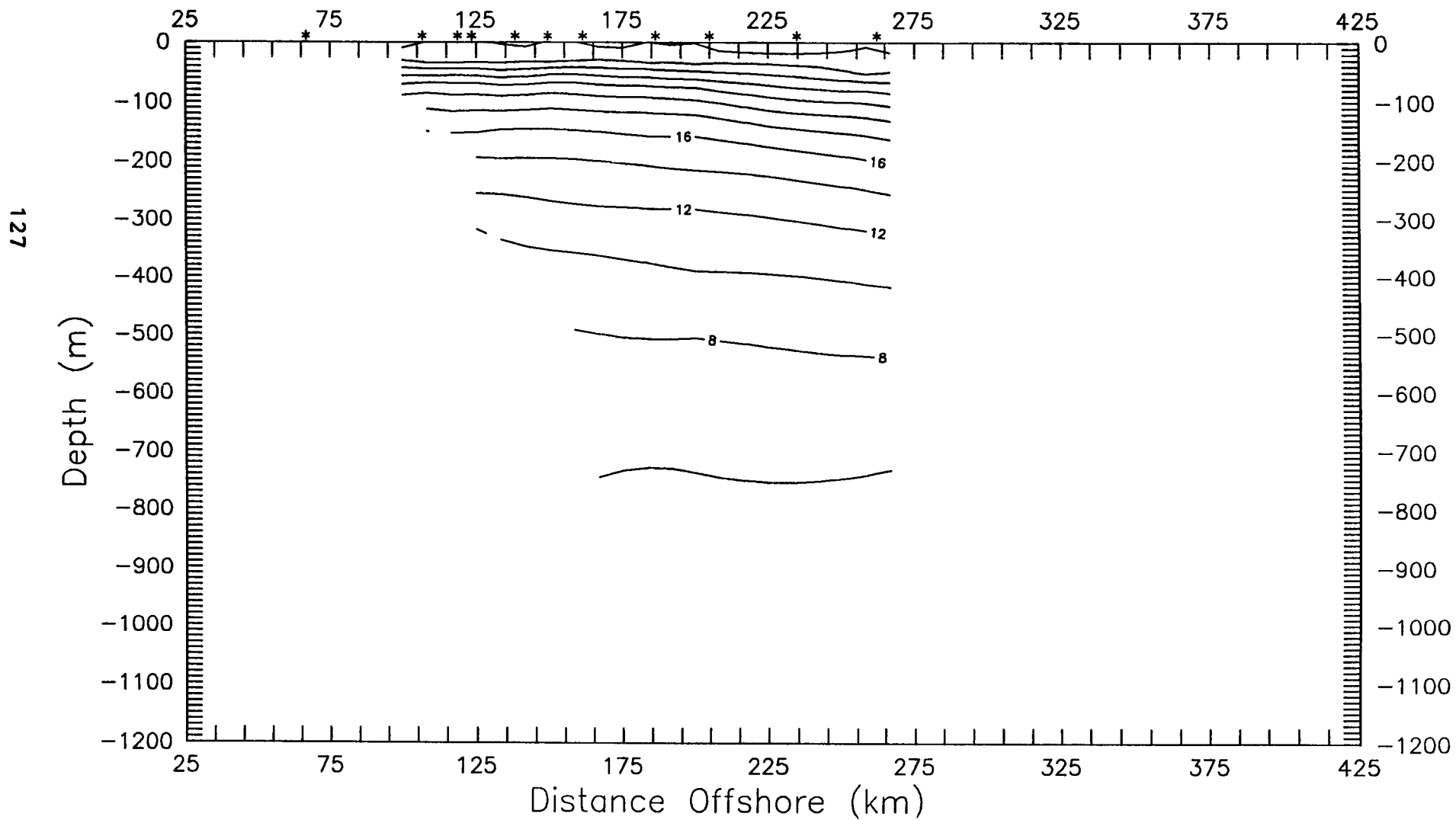
Temperature (°C)

GulfCet 06: Line 07



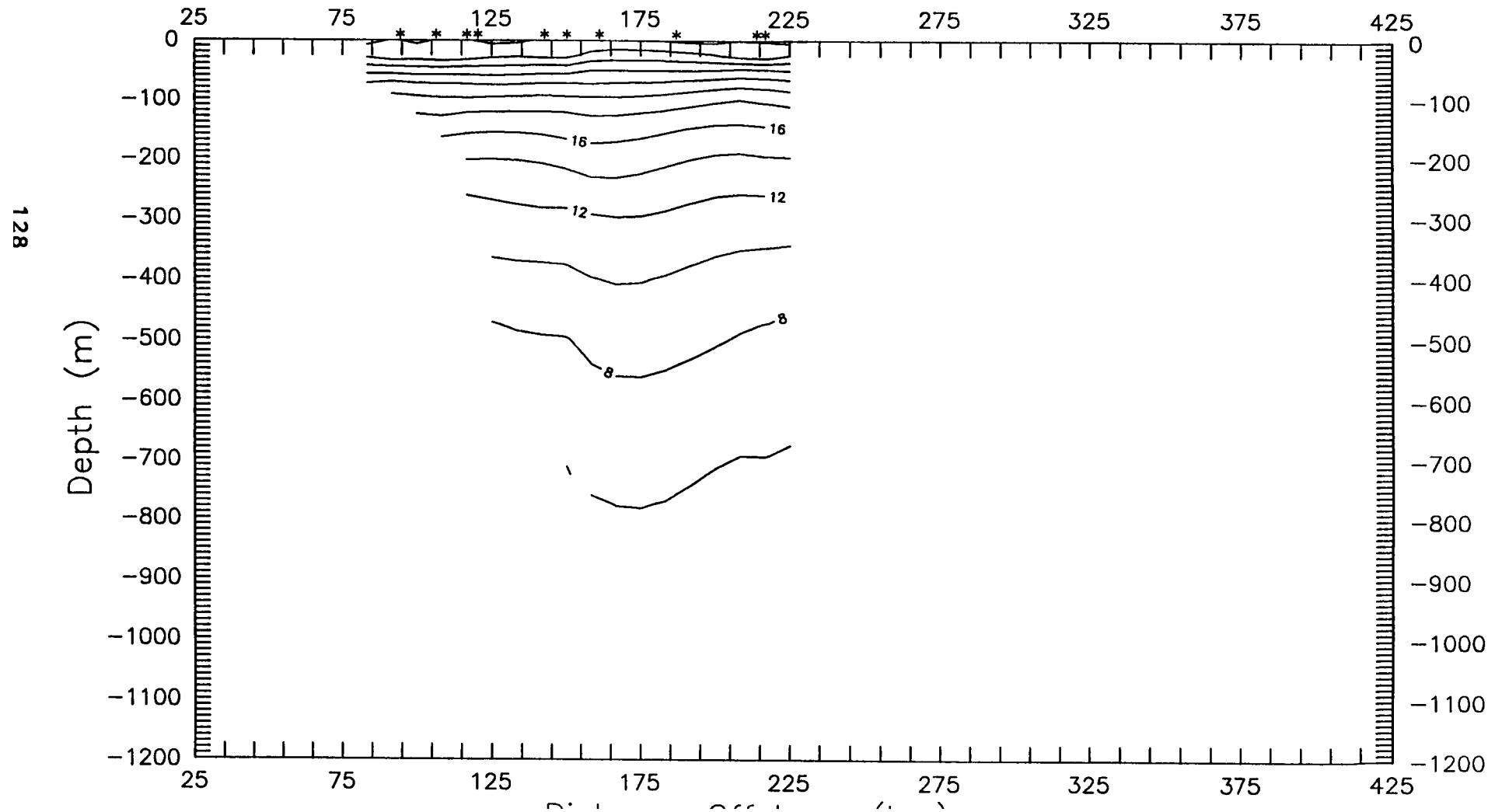
Temperature (°C)

GulfCet 06: Line 09



Temperature (°C)

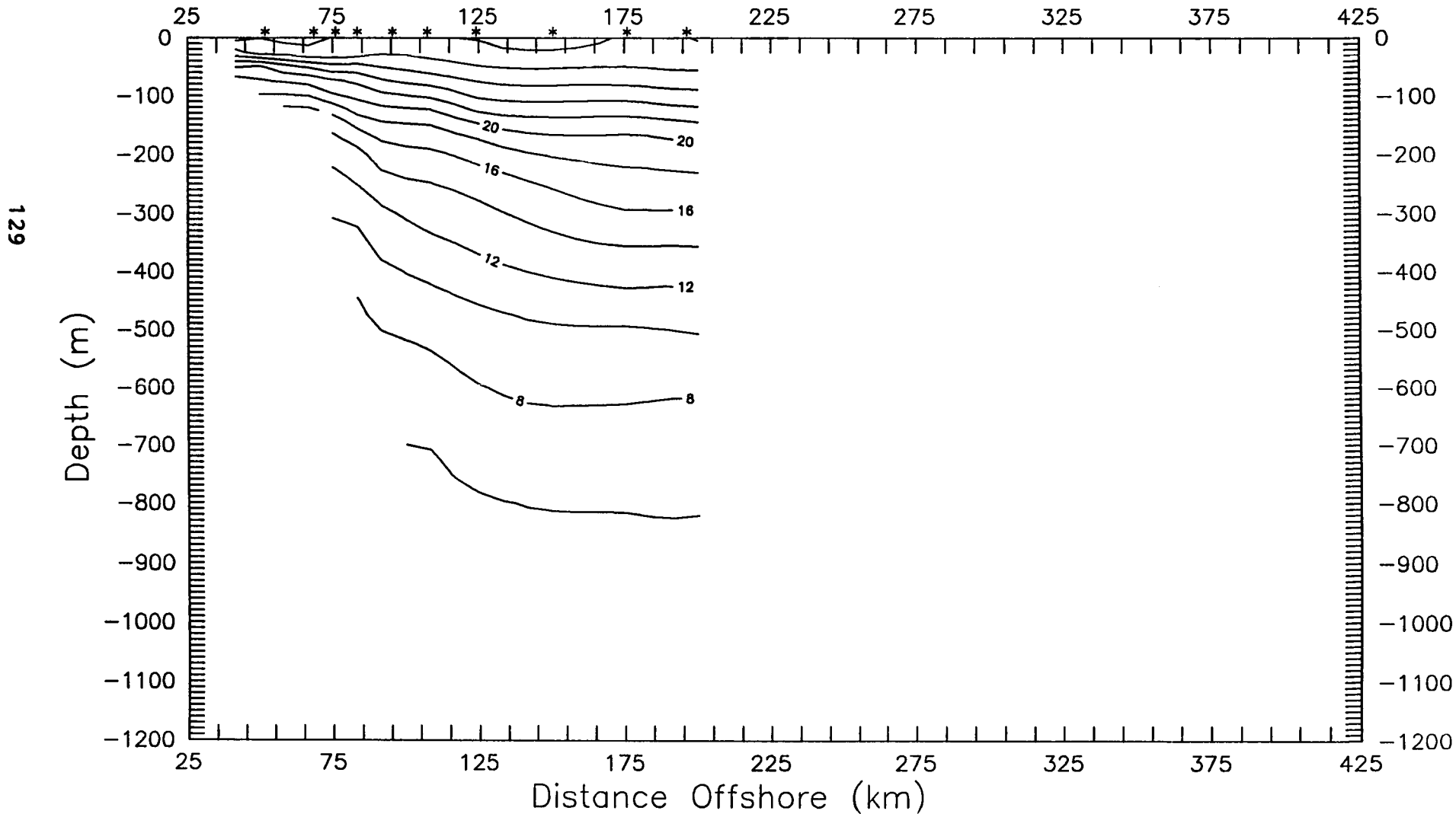
GulfCet 06: Line 10



128

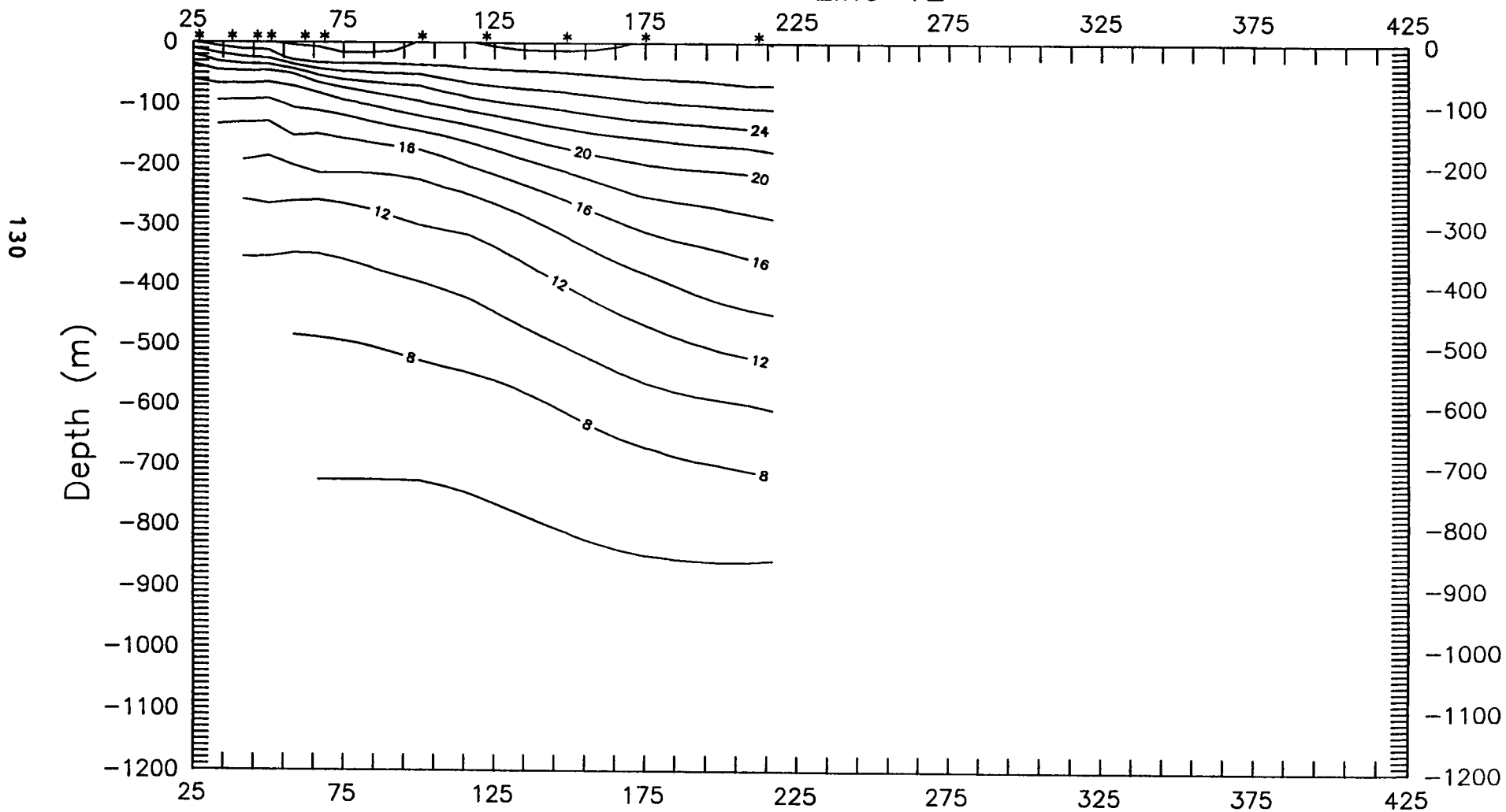
Temperature (°C)

GulfCet 06: Line 11



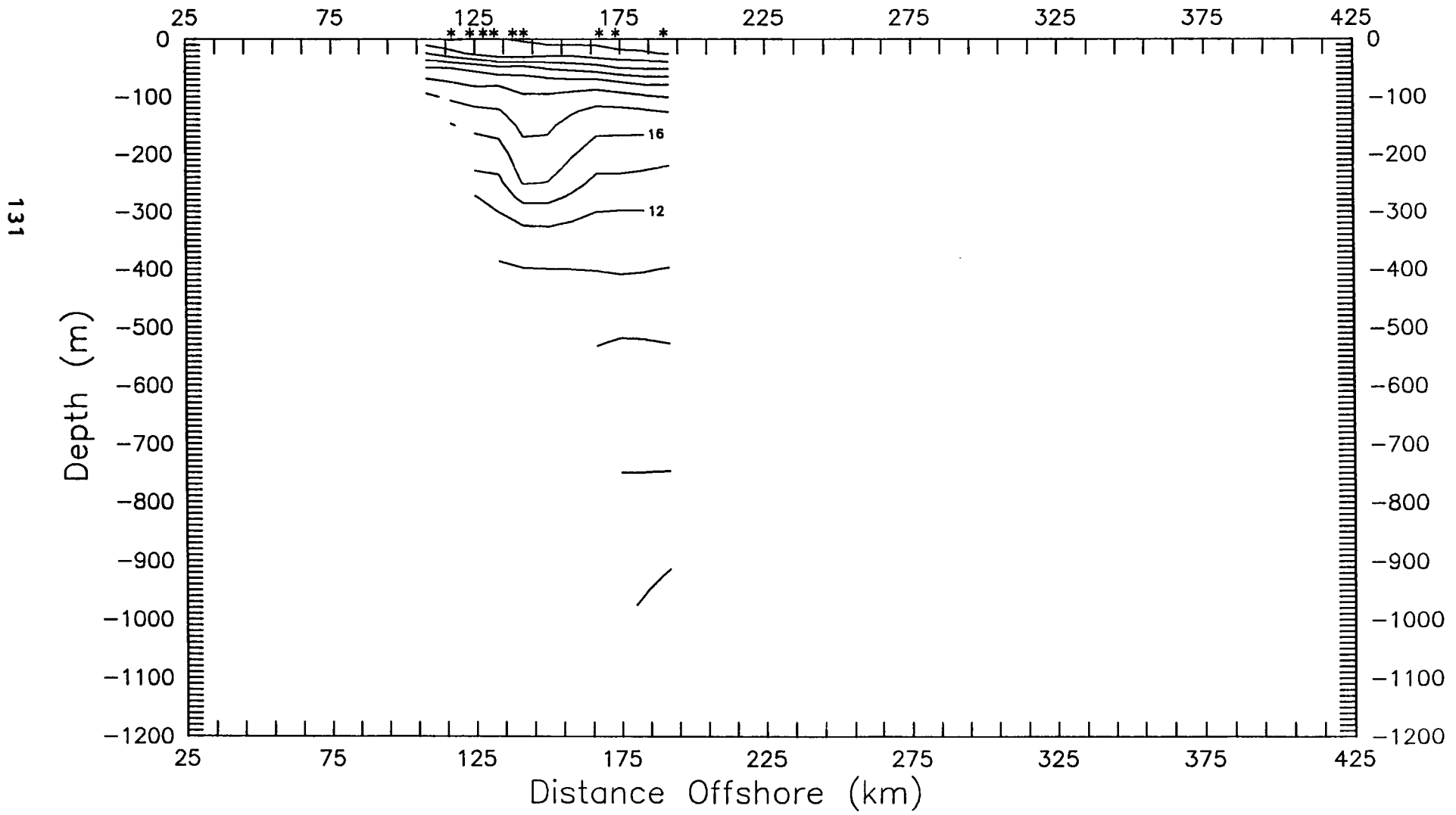
Temperature (°C)

GulfCet 06: Line 12



Temperature (°C)

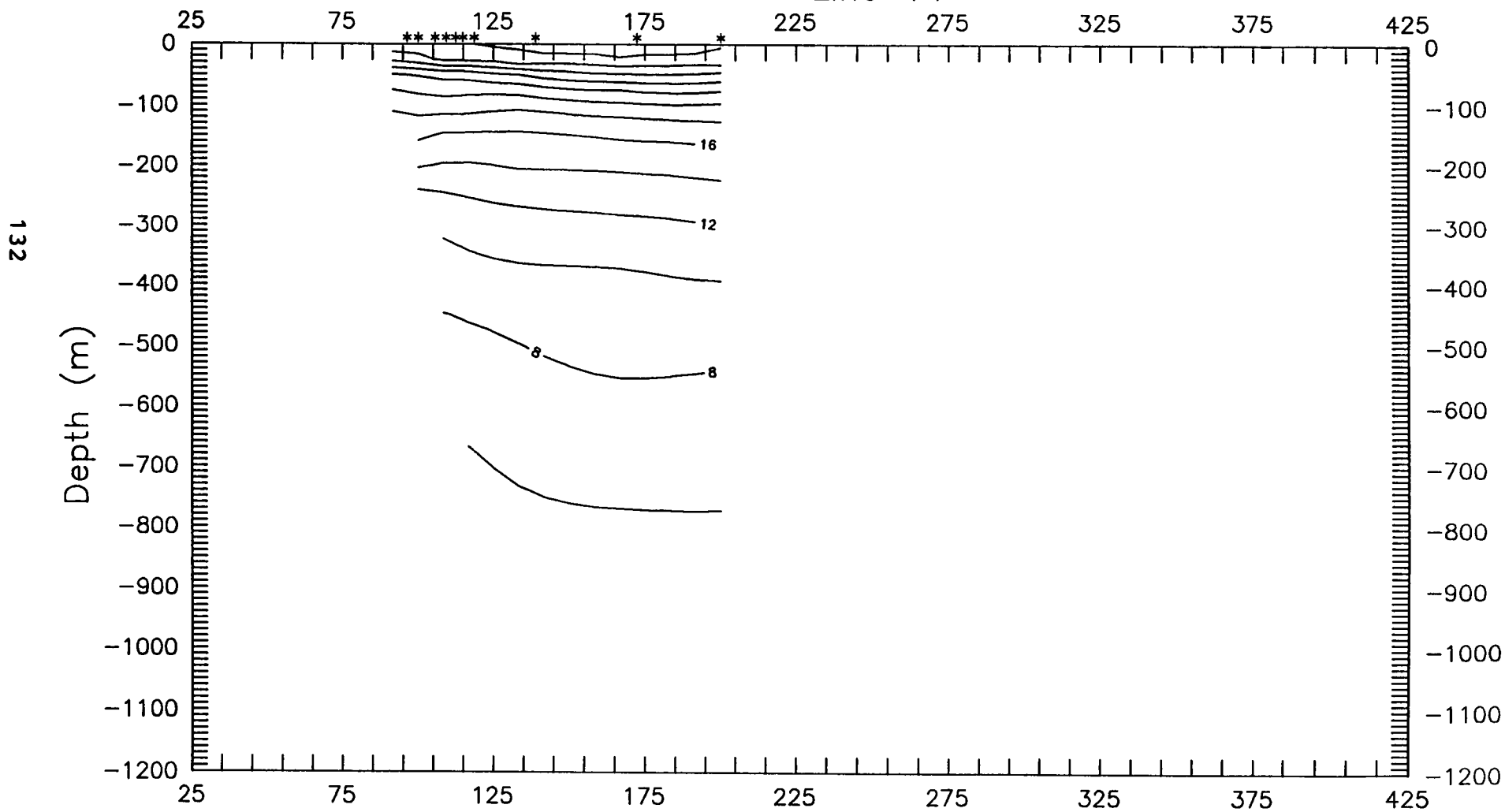
GulfCet 06: Line 13



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Temperature (°C)

GulfCet 06: Line 14



SALINITY DATA:

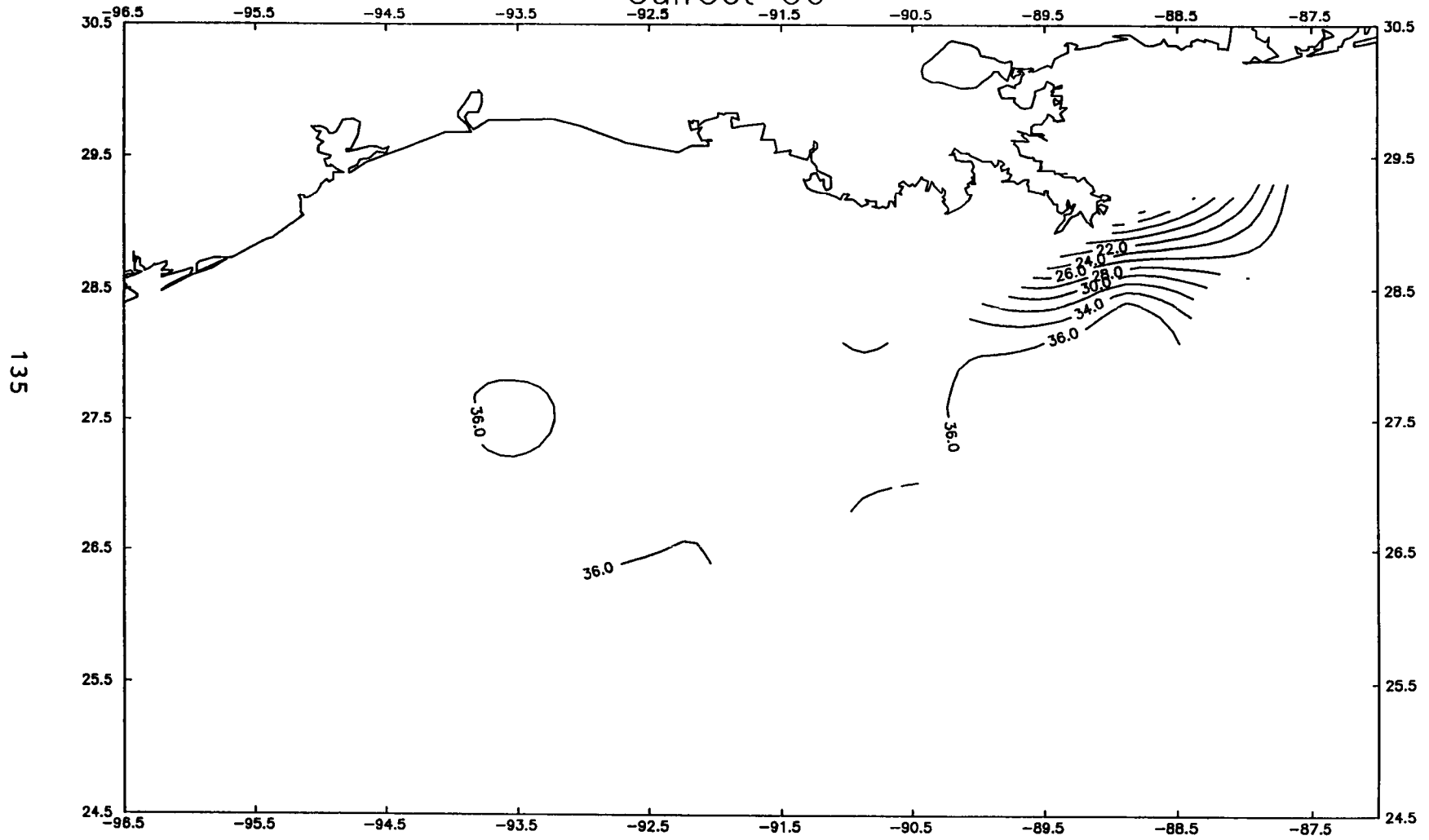
- DATA SUMMARY TABLE
- CTD SURFACE SALINITY MAP

Cruise 06 Salinity Data

Station	Depth	Bottle Salinity	Probe Salinity	Difference Bottle-Salinity	Station	Depth	Bottle Salinity	Probe Salinity	Difference Bottle-Salinity
03-026	surface	36.1596			08-076	807.5	34.9205	34.9072	0.0133
03-021	surface	35.7232			09-093	1.8	35.3596	35.3661	-0.0065
04-033	1.1	35.8145	35.8020	0.0125	09-093	9.9	35.3724	35.3660	0.0064
04-033	9.8	36.1360	36.1349	0.0011	09-093	19.4	35.4095	35.4151	-0.0056
04-033	20.1	36.2613	36.3098	-0.0485	09-093	40.3	36.0267	36.0286	-0.0019
04-033	41.1	36.2345	36.2313	0.0032	09-093	60.4	36.2480	36.2584	-0.0104
04-033	61.4	36.2901	36.3107	-0.0206	09-093	85.9	36.3783	36.3978	-0.0195
04-033	86.1	36.2682	36.2879	-0.0197	09-093	126.7	36.3176	36.3399	-0.0223
04-033	126.3	36.4423	36.4618	-0.0195	09-093	151.4	36.1539	36.1746	-0.0207
04-033	152.3	36.4562	36.4864	-0.0302	09-093	252.6	35.6034	35.6175	-0.0141
04-033	251.8	36.0029	35.9156	0.0873	09-093	403.0	35.1496	35.1545	-0.0049
04-033	402.8	35.3631	35.3758	-0.0127	09-093	555.1	34.9764	34.9377	0.0387
04-033	555.0	35.1139	35.0441	0.0698	09-093	807.6	34.9131	34.9118	0.0013
04-033	808.9	34.9043	34.9084	-0.0041	10-097	1.4	35.9900	36.0075	-0.0175
05-050	2.7	35.4587	35.4663	-0.0076	10-097	10.3	36.0799	36.1082	-0.0283
05-050	9.7	35.4647	35.4563	0.0084	10-097	20.3	36.0931	36.1072	-0.0141
05-050	20.2	35.4538	35.4559	-0.0021	10-097	41.0	36.4246	36.4501	-0.0255
05-050	40.2	36.1643	36.2122	-0.0479	10-097	57.3	36.4290	36.4627	-0.0337
05-050	60.7	36.3134	36.3399	-0.0265	10-097	86.2	36.4395	36.4639	-0.0244
05-050	86.3	36.3108	36.3377	-0.0269	10-097	126.9	36.2328	36.2589	-0.0261
05-050	126.9	36.3121	36.3240	-0.0119	10-097	152.1	36.0968	36.1163	-0.0195
05-050	151.3	36.4553	36.5029	-0.0476	10-097	253.0	35.5431	35.5458	-0.0027
05-050	252.0	35.8674	35.8744	-0.0070	10-097	403.0	35.1052	35.0984	0.0068
05-050	403.0	35.3196	35.3266	-0.0070	10-097	554.2	34.9572	34.9282	0.0290
05-050	554.7	35.0813	35.0252	0.0561	10-097	814.2	35.1973	34.9149	0.2824
05-050	807.6	34.9113	34.9073	0.0040	11-112	1.3	36.0006	36.0198	-0.0192
06-059	1.6	35.6404	35.6562	-0.0158	11-112	10.3	36.0138	36.0188	-0.0050
06-059	10.3	35.7205	35.7143	0.0062	11-112	20.2	36.1830	36.1989	-0.0159
06-059	19.7	35.7585	35.7595	-0.0010	11-112	40.3	36.2311	36.2202	0.0109
06-059	39.7	36.2129	36.2016	0.0113	11-112	60.4	36.3184	36.3479	-0.0295
06-059	61.5	36.2490	36.2712	-0.0222	11-112	85.5	36.5472	36.5566	-0.0094
06-059	86.8	36.3670	36.4017	-0.0347	11-112	126.0	36.8126	36.8465	-0.0339
06-059	127.8	36.2886	36.3213	-0.0327	11-112	152.5	36.5358	36.5646	-0.0288
06-059	152.4	36.1845	36.1767	0.0078	11-112	252.8	35.9002	35.9002	0.0000
06-059	252.4	35.5487	35.5568	-0.0081	11-112	403.9	35.3647	35.3720	-0.0073
06-059	403.1	35.1172	35.1230	-0.0058	11-112	555.5	35.1379	35.0207	0.1172
06-059	554.6	35.1034	34.9309	0.1725	11-112	804.7	35.1567	34.9111	0.2456
06-059	809.7	35.0725	34.9141	0.1584	12-116	809.8	34.9160	34.9138	0.0022
06-054	1.2	36.1771	36.2031	-0.0260	12-116	555.2	35.4290	35.3913	0.0377
06-054	9.9	36.1929	36.2016	-0.0087	12-116	403.6	35.9687	35.9921	-0.0234
06-054	20.1	36.2078	36.2009	0.0069	12-116	253.0	36.5702	36.6037	-0.0335
06-054	40.0	36.2859	36.3146	-0.0287	12-116	151.8	36.8038	36.8395	-0.0357
06-054	60.2	36.3286	36.3321	-0.0035	12-116	125.9	36.6177	36.6598	-0.0421
06-054	85.2	36.2553	36.2744	-0.0191	12-116	85.8	36.2603	36.2899	-0.0296
06-054	125.5	36.3846	36.3880	-0.0034	12-116	60.3	36.1576	36.1742	-0.0166
06-054	151.3	36.4510	36.4690	-0.0180	12-116	40.0	36.1540	36.1478	0.0062
06-054	252.1	36.2733	35.8534	0.4199	12-116	20.2	36.1177	36.1375	-0.0198
06-054	403.2	35.3173	35.3202	-0.0029	12-116	10.0	36.1155	36.1383	-0.0228
06-054	554.0	35.1910	35.0589	0.1321	12-116	1.0	36.1179	36.1393	-0.0214
06-054	807.2	34.9021	34.9049	-0.0028	13-133	1.5	28.7988	28.6424	0.1564
07-073	1.1	35.9198	35.9229	-0.0031	13-133	10.3	34.5819	34.7406	-0.1587
07-073	10.9	35.9033	35.9178	-0.0145	13-133	20.7	35.5893	35.6456	-0.0563
07-073	21.0	36.0643	36.0836	-0.0193	13-133	41.7	35.9862	36.0609	-0.0747
07-073	40.2	36.1993	36.2386	-0.0393	13-133	63.5	36.0948	36.1328	-0.0380
07-073	54.5	36.2634	36.2495	0.0139	13-133	88.4	36.4109	36.4188	-0.0079
07-073	85.8	36.2881	36.3062	-0.0181	13-133	129.0	36.3094	36.3159	-0.0065
07-073	126.5	36.3698	36.4130	-0.0432	13-133	156.2	36.2104	36.2097	0.0007
07-073	151.9	36.4161	36.4355	-0.0194	13-133	256.3	35.7336	35.7315	0.0021
07-073	252.3	35.6795	35.6967	-0.0172	13-133	405.4	35.2099	35.2140	-0.0041
07-073	406.1	35.0959	35.0988	-0.0029	13-133	555.7	35.1032	34.9527	0.1505
07-073	555.6	34.9522	34.9187	0.0335	13-133	804.6	35.4149	34.9055	0.5094
07-073	806.4	34.9144	34.9172	-0.0028	14-135	1.3	27.6119	27.4434	0.1685
08-076	1.3	35.5214	35.5317	-0.0103	14-135	10.0	32.5874	32.7609	-0.1735
08-076	9.8	35.5204	35.5297	-0.0093	14-135	20.5	35.3975	35.3696	0.0279
08-076	20.4	35.5199	35.5284	-0.0085	14-135	40.6	36.0670	36.1213	-0.0543
08-076	40.4	36.0288	36.0462	-0.0174	14-135	66.4	36.2696	36.2998	-0.0302
08-076	60.3	36.3392	36.3053	0.0339	14-135	86.3	36.3591	36.3159	0.0432
08-076	85.6	36.2834	36.3070	-0.0236	14-135	126.3	36.3729	36.4002	-0.0273
08-076	125.8	36.3688	36.4065	-0.0377	14-135	151.6	36.2174	36.2299	-0.0125
08-076	151.4	36.4012	36.4263	-0.0251	14-135	252.6	35.6739	35.6852	-0.0113
08-076	252.4	35.9050	35.9212	-0.0162	14-135	404.6	35.1902	35.1970	-0.0068
08-076	403.7	35.3311	35.3127	0.0184	14-135	556.9	35.2637	34.9711	0.2926
08-076	543.8	35.0620	35.0220	0.0400	14-135	807.1	34.8989	34.9032	-0.0043

CTD Surface Salinity (PSU)

GulfCet 06



**APPENDIX A:
STATION POSITIONS**

Table 1. Cruise 06 XBT Stations and Probe Types

XBT Station	Date	Start Time	Latitude	Longitude	Probe Type	XBT Station	Date	Start Time	Latitude	Longitude	Probe Type
03-021	9/6/93	1117	27°55.98	94°50.04	T-10	08-083	9/1/93	1548	27°49.50	91°30.00	T-7
03-022	9/6/93	1038	27°51.53	94°49.98	T-10	08-084	9/1/93	1531	27°52.00	91°30.00	T-7
03-023	9/6/93	1017	27°49.07	94°49.91	T-7	08-085	9/1/93	1525	27°52.99	91°29.94	T-10
03-024	9/6/93	0919	27°42.01	94°50.02	T-7	09-EX6	8/31/93	1800	28°49.43	90°47.27	T-7
03-025	9/6/93	0816	27°34.00	94°50.01	T-7	09-088	9/1/93	0840	28°02.52	90°50.06	T-10
03-026	9/6/93	0711	27°26.00	94°50.01	T-7	09-089	9/1/93	0723	28°00.00	90°50.00	T-7
03-027	9/6/93	0650	27°23.09	94°49.70	T-7	09-090	9/1/93	0614	27°52.00	90°49.99	T-7
03-028	9/6/93	0400	27°03.49	94°50.05	T-7	09-091*	9/1/93	0512	27°45.95	90°50.00	T-7
03-029	9/6/93	0128	26°46.00	94°49.81	T-7	09-092	9/1/93	0425	27°39.49	90°50.08	T-7
03-B11	9/5/93	2354	26°31.05	94°50.09	T-7	09-094	9/1/93	0014	27°16.00	90°49.98	T-20
03-030	9/5/93	2229	26°18.16	94°50.16	T-20	09-B04	8/31/93	2202	26°59.96	90°50.05	T-7
BL-EX9	9/5/93	2110	26°16.95	94°36.97	T-7	10-098	8/31/93	1325	27°11.48	90°10.03	T-7
04-032	9/5/93	1515	26°36.96	94°10.03	T-20	10-B03	8/31/93	1127	27°26.05	90°9.88	T-7
04-033	9/5/93	1314	26°46.61	94°10.15	T-7	10-099	8/31/93	0930	27°40.00	90°10.00	T-20
04-B10	9/5/93	1041	27°06.00	94°09.97	T-7	10-101	8/31/93	0712	27°50.00	90°09.95	T-7
04-037	9/5/93	0640	27°30.00	94°10.00	T-20	10-102	8/31/93	0534	28°02.09	90°10.06	T-7
04-038	9/5/93	0537	27°38.00	94°10.00	T-7	10-103	8/31/93	0519	28°04.00	90°10.00	T-7
04-039	9/5/93	0512	27°41.00	94°10.01	T-7	10-104	8/31/93	0431	28°09.50	90°10.00	T-10
04-040	9/5/93	0445	27°44.00	94°10.02	T-7	BL-EX5	8/31/93	0136	28°25.70	89°56.50	T-10
04-041	9/5/93	0400	27°49.96	94°10.02	T-10	BL-EX4	8/30/93	2357	28°35.48	89°43.32	T-10
BL-EX8	9/5/93	1955	26°17.00	94°23.51	T-7	11-107	8/30/93	2040	28°36.00	89°30.04	T-10
05-045	9/4/93	2011	27°34.99	93°29.46	T-7	11-108	8/30/93	2008	28°32.10	89°30.01	T-7
05-046	9/4/93	1955	27°32.99	93°30.01	T-7	11-109	8/30/93	1937	28°28.31	89°30.25	T-7
05-048	9/4/93	1534	27°21.00	93°29.95	T-7	11-110	8/30/93	1839	28°21.99	89°30.27	T-7
05-049	9/4/93	1518	27°05.98	93°29.98	T-20	11-111	8/30/93	1740	28°15.11	89°29.95	T-20
05-051	9/4/93	1059	26°43.00	93°29.90	T-20	11-B02	8/30/93	1321	27°51.86	89°30.06	T-7
05-B09	9/4/93	0819	26°26.10	93°29.90	T-7	11-EX3	8/31/93	1759	29°17.31	89°29.99	T-7
06-B08	9/3/93	2207	26°29.92	92°50.09	T-7	11-113	8/30/93	1042	27°37.99	89°29.88	T-20
06-056	9/3/93	1811	26°52.24	92°49.81	T-20	12-B01	8/29/93	2153	27°59.97	88°50.01	T-7
06-B07	9/3/93	1621	27°05.96	92°49.93	T-7	12-EX3	8/29/93	1512	28°36.85	88°49.94	T-7
06-058	9/3/93	1434	27°18.94	92°49.93	T-20	12-118	8/29/93	1953	28°14.41	88°50.12	T-20
06-060	9/3/93	1133	29°34.12	92°49.98	T-7	12-120	8/29/93	1414	28°43.60	88°50.00	T-20
06-061	9/3/93	1023	27°41.05	92°50.10	T-7	12-121	8/29/93	1334	28°46.89	88°49.94	T-7
06-062	9/3/93	0955	27°43.43	92°50.10	T-7	12-122	8/29/93	1244	28°53.05	88°49.98	T-7
06-063	9/3/93	0811	27°55.05	92°49.76	T-10	12-123	8/29/93	1222	28°55.50	88°50.11	T-7
07-EX7	9/2/93	1525	26°47.71	92°07.61	T-7	BL-EX2	8/29/93	0753	29°12.89	88°23.53	T-7
07-066	9/3/93	0130	27°53.00	92°10.03	T-10	13-127	8/29/93	0529	29°13.01	88°09.93	T-10
07-067	9/3/93	0121	27°51.99	92°10.03	T-7	13-128	8/29/93	0505	29°10.60	88°10.05	T-7
07-068	9/3/93	0021	27°44.97	92°09.97	T-7	13-129	8/29/93	0443	29°08.59	88°09.98	T-7
07-069	9/2/93	2318	27°36.99	92°09.91	T-7	13-130	8/29/93	0411	29°05.00	88°10.00	T-7
07-070	9/2/93	2238	27°29.50	92°09.93	T-20	13-131	8/29/93	0356	29°03.00	88°10.00	T-20
07-072	9/2/93	1851	27°10.03	92°10.11	T-20	13-132	8/29/93	0200	28°49.00	88°10.00	T-7
07-B06	9/2/93	1125	26°31.00	92°10.00	T-7	14-137	8/28/93	1151	29°03.97	87°30.09	T-7
08-B05	9/1/93	2327	26°59.98	91°30.00	T-7	14-138*	8/28/93	1021	29°15.00	87°30.00	T-20
08-079*	9/1/93	2015	27°22.71	91°29.98	T-20	14-140	8/28/93	0928	29°19.85	87°29.00	T-7
08-081	9/1/93	1755	27°32.93	91°30.28	T-20	14-141	8/28/93	0912	29°21.98	87°29.99	T-7
08-082	9/1/93	1633	27°45.53	91°30.00	T-7	14-142	8/28/93	?	29°24.94	87°30.01	T-10
						14-Ex1	8/28/93	?	29°17.07	87°29.53	T-7

Note: * "bad" probe

Table 2. Cruise 06 CTD Station Positions

Station	Date	Time	Latitude	Longitude	Depth (m)	Station	Date	Time	Latitude	Longitude	Depth (m)
04-031	9/5/93	1757	26°17.00	94°09.93	2000	09-087	9/1/93	0904	28°08.99	90°50.00	106
04-033	9/5/93	1323	26°45.88	94°10.24	1350	09-093	9/1/93	0142	27°25.90	90°50.05	832
04-036	9/5/93	0716	27°25.75	94°09.91	826	09-096	8/31/93	1849	26°44.98	90°50.02	2000
04-042	9/5/93	0314	27°53.96	94°09.97	96	10-097	8/31/93	1341	27°09.97	90°10.02	2000
05-043	9/4/93	2319	28°00.02	93°30.07	91	10-100	8/31/93	0758	27°46.06	90°10.00	721
05-047	9/4/93	1823	27°25.96	93°30.01	565	10-105	8/31/93	0318	28°15.99	90°10.00	90
05-050	9/4/93	1125	26°46.00	93°29.99	1470	11-106	8/30/93	2200	28°44.96	89°29.95	95
05-053	9/4/93	0514	26°10.01	93°29.98	2000	11-112	8/30/93	1526	28°06.13	89°29.97	1075
06-054	9/4/93	0029	26°14.04	92°49.96	2000	11-115	8/30/93	0830	27°27.80	89°29.93	2000
06-055	9/3/93	1907	26°45.98	92°49.94	1745	12-116	8/30/93	0347	27°26.02	88°49.97	2000
06-059	9/3/93	1246	27°25.83	92°50.08	1035	12-117	8/30/93	0003	27°45.73	88°49.25	1575
06-064	9/3/93	0655	28°01.97	92°50.00	96	12-119	8/29/93	1713	28°25.90	88°49.93	1300
07-065	9/3/93	0251	28°02.11	92°10.01	101	12-125	8/29/93	1042	29°06.32	88°49.97	91
07-071	9/2/93	2109	27°25.93	92°10.03	814	13-126	8/29/93	0610	29°16.51	88°09.91	97
07-073	9/2/93	1340	26°45.97	92°09.96	1800	13-133	8/29/93	0053	28°46.09	88°10.00	1850
07-075	9/2/93	0820	26°16.96	92°09.97	2000	13-134	8/28/93	2238	28°36.96	88°10.05	2000
08-076	9/2/93	0242	26°36.96	91°29.89	2000	14-135	8/28/93	1830	28°30.93	87°31.13	2000
08-080	9/1/93	1901	27°25.98	91°29.99	950	14-136	8/28/93	1457	28°45.88	87°29.98	1600
08-086	9/1/93	1320	28°07.52	91°30.08	100	14-143	8/28/93	0826	29°24.99	87°30.00	90

APPENDIX B:
TEMPERATURE AND SALINITY

Figure 2. CTD versus XBT Temperatures at Station 04-033

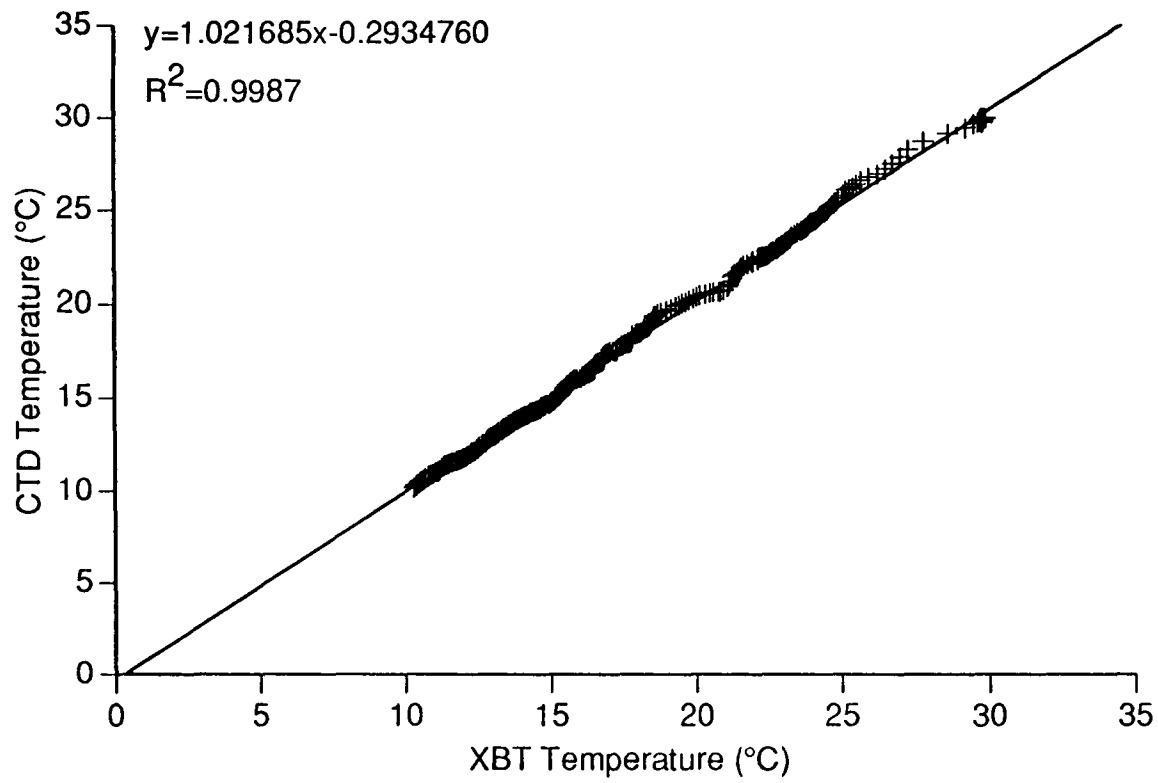


Figure 3. Niskin Bottle Salinity versus CTD Salinity

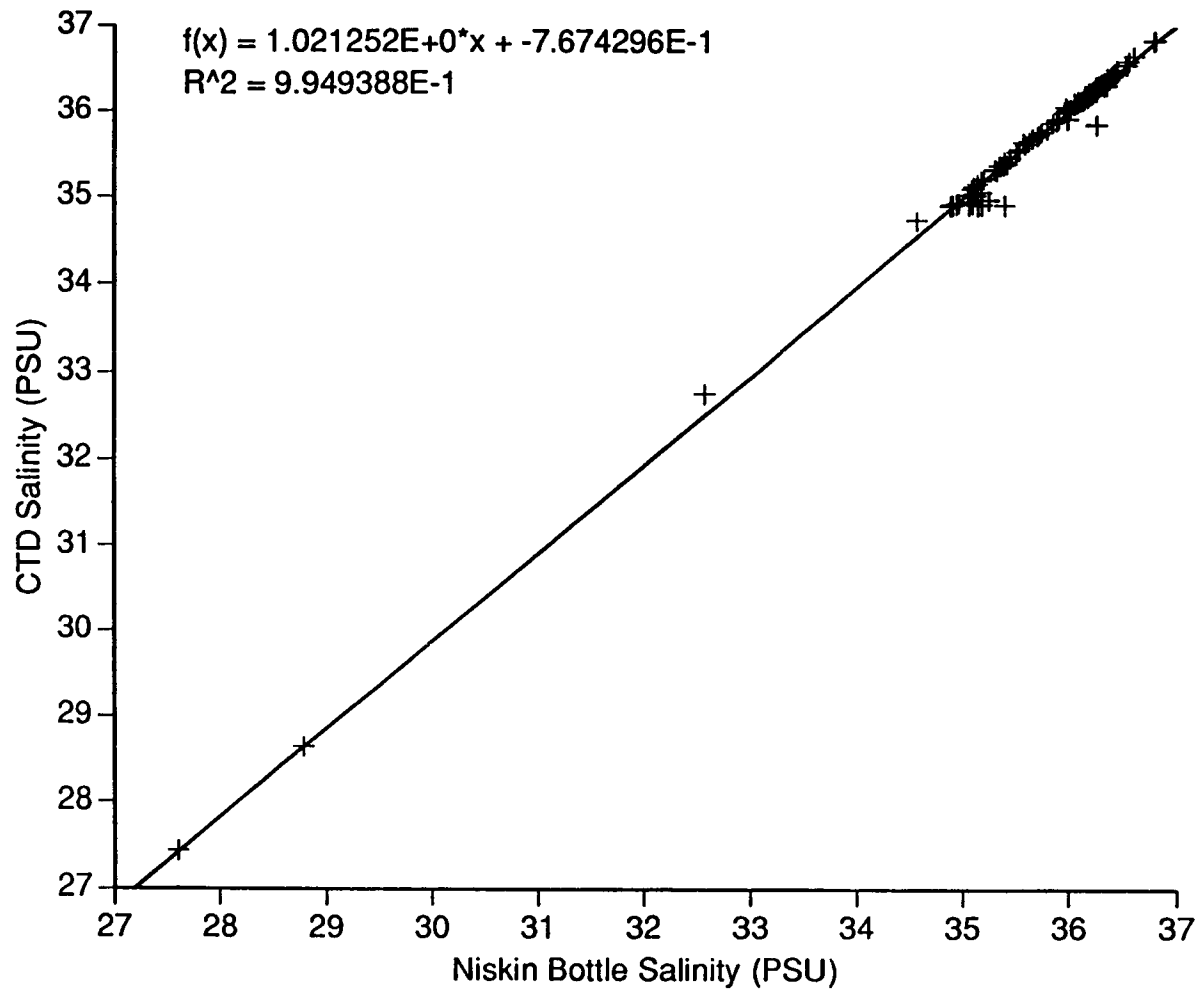
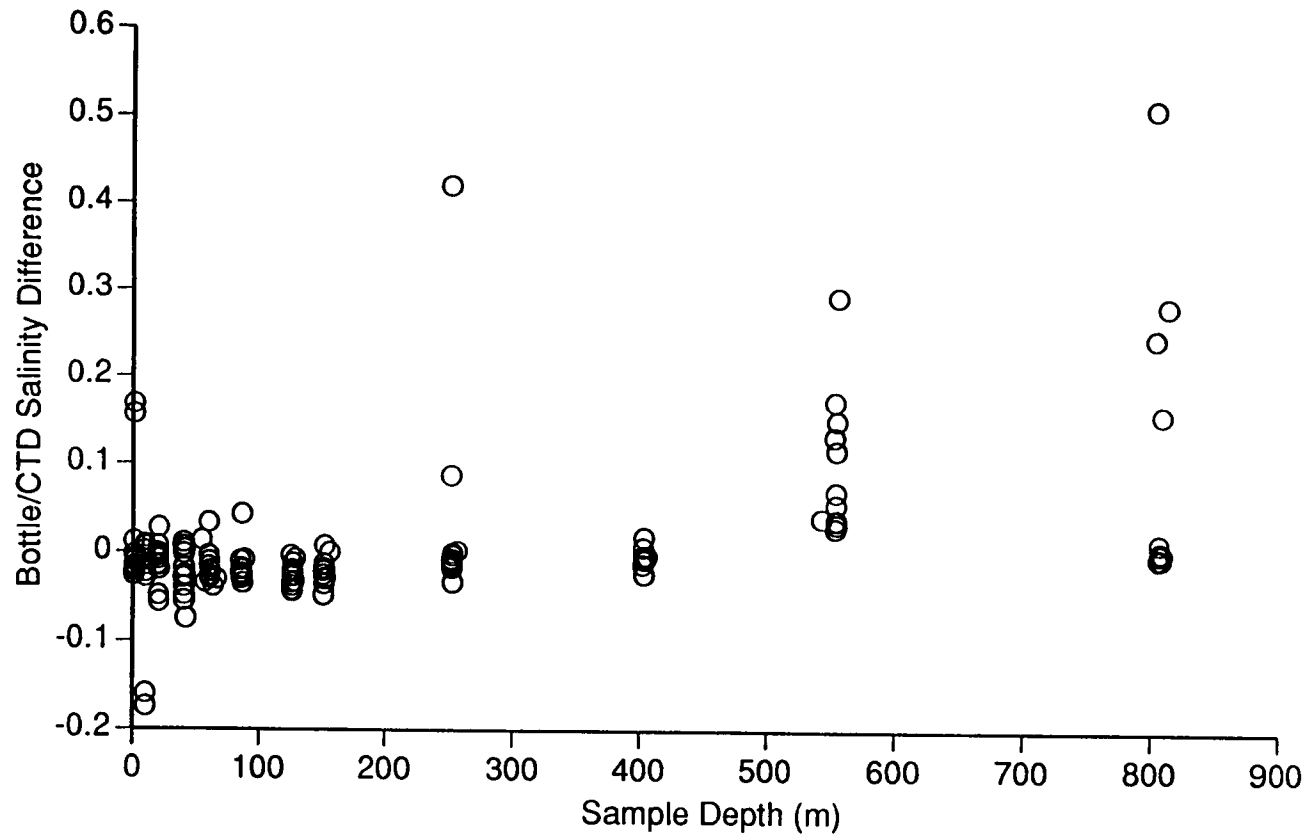


Figure 4. Sample Depth versus Bottle/CTD Salinity Difference





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.