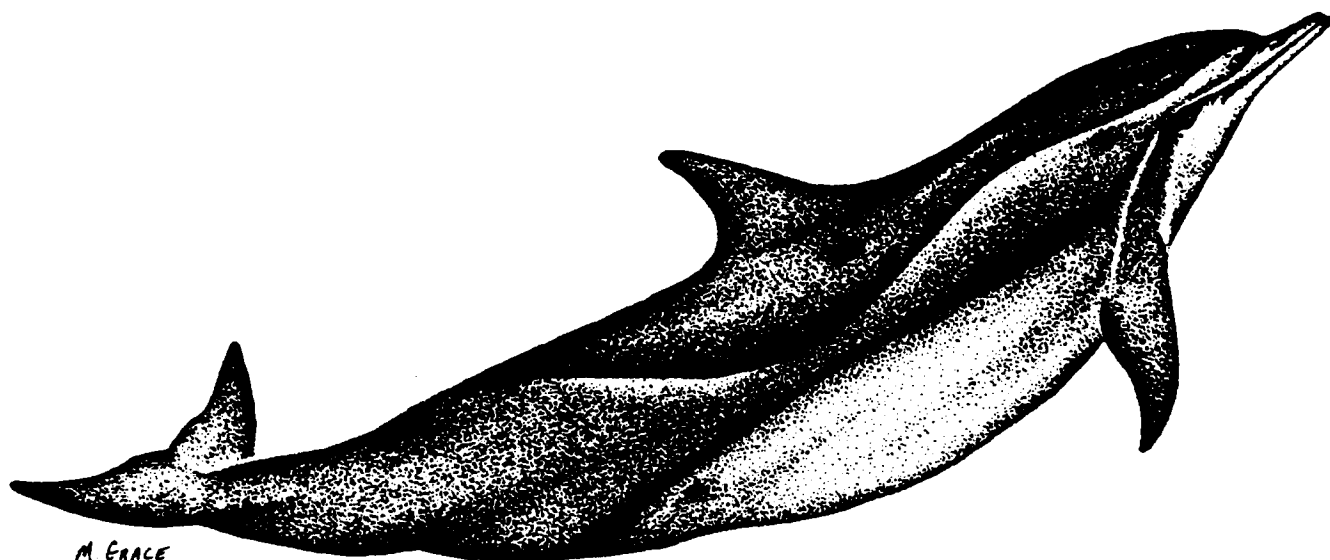


Distribution and Abundance of Cetaceans in the North-Central and Western Gulf of Mexico, Final Report

Volume III: Appendix C, Part 2 of 2



U.S. Department of the Interior
Minerals Management Service
Gulf of Mexico OCS Region

Distribution and Abundance of Cetaceans in the North-Central and Western Gulf of Mexico, Final Report

Volume III: Appendix C, Part 2 of 2

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Prepared under MMS Contract
14-35-0001-30619 and
Interagency Agreement 16197
by
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75 Virginia Beach Drive
Miami, Florida 33149

Published by

**U.S. Department of the Interior
Minerals Management Service
Gulf of Mexico OCS Region**

**New Orleans
May 1996**

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CITATION

Suggested citation:

Davis, R.W., and G.S. Fargion, eds. 1996. Distribution and abundance of cetaceans in the north-central and western Gulf of Mexico: Final report. Volume III: Appendix C, Part 2 of 2. OCS Study MMS 96-0028. Prepared by the Texas Institute of Oceanography and the National Marine Fisheries Service. U.S. Dept. of the Interior, Minerals Mgmt. Service, Gulf of Mexico OCS Region, New Orleans, LA. 489 pp.

ABOUT THE COVER

The cover art depicts a clymene dolphin and is the work of Mark Grace, an employee of the National Marine Fisheries Service Laboratory at Pascagoula, MS.

ABSTRACT

The purpose of this study (hereafter referred to as the GulfCet Program) was to determine the distribution and abundance of cetaceans (whales and dolphins) in areas potentially affected by future oil and gas activities along the continental slope in the north-central and western Gulf of Mexico. This 3.75 year project commenced on 1 October 1991 and concluded on 15 July 1995. The study area was bounded by the Florida-Alabama border, the Texas-Mexico border, and the 100 m and 2,000 m isobaths. The distribution and abundance of cetaceans were determined from seasonal aerial and shipboard visual surveys and shipboard acoustic surveys. In addition, hydrographic data were collected *in situ* and by satellite remote sensing to characterize the habitats of cetaceans in the study area. Finally, tagging and tracking of sperm whales using satellite telemetry was attempted.

Cetaceans were observed throughout the study area during all four seasons. Nineteen species were identified, including two species (melon-headed whales and Fraser's dolphins) that were previously thought to be rare in the Gulf. Pantropical spotted dolphins, bottlenose dolphins, clymene dolphins, striped dolphins, Atlantic spotted dolphins, and melon-headed whales were the most common small cetaceans. The most common large cetacean was the sperm whale. Only one species of baleen whale, the Bryde's whale, was sighted, and the estimated abundance of this species was very low. The mean annual abundance for all cetaceans was estimated to be 19,198 animals.

The oceanography in the study area was complex and dynamic, with mesoscale features that showed large annual and interannual variability. Warm- and cold-core rings (eddies) and the fresh water effluent from the Mississippi River were the most distinctive hydrographic features observed in the study area. The marine habitat for this area can be characterized as tropical to subtropical with a mixed layer that is seasonally deepest in the winter.

With the exception of bottom depth, there was no significant correlation of cetacean distribution with any of the hydrographic variables examined. Cetaceans could be divided into three groups relative to bottom depth. The first group, which occurred on the continental shelf or along the shelf break, consisted of Atlantic spotted dolphins and bottlenose dolphins. The second group consisted only of Risso's dolphin and occurred along the mid-to-upper slope. The third group included sperm whales, pygmy/dwarf sperm whales, pantropical spotted dolphins, striped dolphins, and *Mesoplodon* spp. This third or deep-water group typically occurred along the mid-to-lower slope in water over 1,000 m deep. There was some indication that sperm whales may be found in conjunction with the edge of warm-core rings, where upwelling events may enhance productivity and prey abundance.

The potential effects of oil and gas exploration and production activity on cetaceans along the continental slope cannot be predicted with certainty. However, it can be anticipated that cetaceans will encounter construction activity, ship traffic, seismic exploration, and underwater noise as the oil and gas industry moves into yet deeper water. The GulfCet Program has demonstrated that any future monitoring programs would need to be long-term, with relatively intensive sampling effort in order to detect significant changes in the abundance and distribution of most cetaceans.

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Survey Dates and Types of Data Collected

Survey	Dates	Marine Mammal Surveys		Hydrographic Surveys					
		Visual	Acoustic	CTD	XBT	Chlorophyll	Salinity	Nutrients	Remotely sensed SST
Spring 1992									
R/V <i>Longhorn</i>	Cruise 1	15 Apr-1 May 1992	✓	✓	✓	✓	✓	✓	✓
NOAA Ship <i>Oregon II</i>	Cruise 199								
	Leg 1	17 Apr-4 May 1992	✓		✓	✓	✓	✓	✓
	Leg 2	6-25 May 1992	✓		✓	✓	✓	✓	✓
	Leg 3	26 May-8 Jun 1992	✓		✓	✓	✓	✓	✓
Summer 1992									
R/V <i>Pelican</i>	Cruise 2	10-24 Aug 1992	✓	✓	✓	✓	✓	✓	✓
Aerial 1		10 Aug-19 Sep 1992	✓						✓
Fall 1992									
Aerial 2		3 Nov-16 Dec 1992	✓						✓
R/V <i>Pelican</i>	Cruise 3	8-22 Nov 1992	✓	✓	✓	✓	✓	✓	✓
Winter 1993									
NOAA Ship <i>Oregon II</i>	Cruise 203								
	Leg 1	5-17 Jan 1993	✓		✓	✓	✓	✓	✓
	Leg 2	18-30 Jan 1993	✓		✓	✓	✓	✓	✓
	Leg 3	1-14 Feb 1993	✓		✓	✓	✓	✓	✓
Aerial 3		1 Feb-22 Mar 1993	✓						✓
R/V <i>Pelican</i>	Cruise 4	12-27 Feb 1993	✓	✓	✓	✓	✓	✓	✓
Spring 1993									
Aerial 4		25 Apr-1 Jun 1993	✓						✓
NOAA Ship <i>Oregon II</i>	Cruise 204								
	Leg 1	3-17 May 1993	✓		✓	✓	✓	✓	✓
	Leg 2	18 May-2 Jun 1993	✓		✓	✓	✓	✓	✓
	Leg 3	4-15 Jun 1993	✓		✓	✓	✓	✓	✓
R/V <i>Pelican</i>	Cruise 5	23 May-5 Jun 1993	✓	✓	✓	✓	✓	✓	✓

Survey Dates and Types of Data Collected

Survey	Dates	Marine Mammal Surveys		Hydrographic Surveys					
		Visual	Acoustic	CTD	XBT	Chlorophyll	Salinity	Nutrients	Remotely sensed SST
Summer 1993									
Aerial 5		1-21 Aug 1993	✓						✓
R/V <i>Pelican</i>	Cruise 6	28 Aug-5 Sep 1993	✓	✓	✓	✓	✓	✓	✓
Fall 1993									
Aerial 6		31 Oct-16 Dec 1993	✓						✓
R/V <i>Pelican</i>	Cruise 7	3-14 Dec 1993	✓	✓	✓	✓	✓		✓
Winter 1994									
Aerial 7		31 Jan-15 Mar 1994	✓						✓
Spring 1994									
NOAA Ship <i>Oregon II</i>	Cruise 209								
	Leg 1	15-24 Apr 1994	✓		✓	✓		✓	✓
	Leg 2	27 Apr-18 May 1994	✓		✓	✓		✓	✓
	Leg 3	20-29 May 1994			✓	✓		✓	✓
	Leg 4	30 May-10 Jun 1994	✓		✓	✓		✓	✓
Aerial 8		2 May-2 Jun 1994	✓						✓
Summer 1994									
R/V <i>Pelican</i>	Cruise 8	20-28 Aug 1993	✓	✓		✓			

LIST OF ABBREVIATIONS AND ACRONYMS

The following acronyms and abbreviations are used throughout this report:

AAIW	Antarctic Intermediate Water
AGIS	Advanced Geographical Information System
AVHRR	Advanced Very High Resolution Radiometer
CETAP	Cetacean and Turtle Assessment Program
CI	Confidence Interval
CID	Conductivity, Temperature, and Depth Profiler
CV	Coefficient of Variation
CZCS	Coastal Zone Color Scanner
DB	Decibars
DBDB5	Digital Bathymetric Database-5 Minute Resolution
dB rel μ P	Decibels Relative to 1 micro Pascal
DDS	Delta Data Systems, Inc.
DMA	Defense Mapping Agency
Dyn Ht	Dynamic Height
ESA	Endangered Species Act
ESW	Effective Strip Width
ETP	Eastern Tropical Pacific
GCW	Gulf Common Water
GIS	Geographic Information System
GPS	Global Positioning System
GMMI	Gulf of Mexico Master Image
GulfCet	MMS North-central and Western Gulf of Mexico Cetacean Study (this study)
HPLC	High Pressure Liquid Chromatography
HMSC	Hatfield Marine Science Center, OSU
IMLS	Institute of Marine Life Sciences, TAMUG
IO	Independent Observer
IPS	Inches Per Second
K-S	Kolmogorov-Smirnov Two-Sample Statistical Test
LATEX-A	Louisiana and Texas Shelf Circulation and Transport Process Study
LATEX-B	Louisiana and Texas Mississippi River Plume Study
LATEX-C	Louisiana and Texas Eddy Circulation Study
LUMCON	Louisiana Universities Marine Consortium
MIDAS	Multiple Interface Data Acquisition System
MMPA	Marine Mammal Protection Act
MMRP	Marine Mammal Research Program, TAMUG
MMS	Minerals Management Service
NADW	North Atlantic Deep Water
NAVOCEANO	U.S. Naval Oceanographic Office
NESDIS	National Environmental Satellite, Data, and Information Service
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NODC	National Oceanographic Data Center
NOS	National Ocean Survey

LIST OF ABBREVIATIONS AND ACRONYMS (continued)

OCS	Outer Continental Shelf
ONR	Office of Naval Research
OSU	Oregon State University
PC	Personal Computer
PSS 78	The Practical Salinity Scale 1978
PSD	Perpendicular Sighting Distance
PSU	Practical Salinity Units
RTS	Real Time Spectrograms
PIT	Platform Transmitter Terminals
SAS	Statistical Analysis System
SBE	Sea-Bird Electronics, Inc.
SD	Standard Deviation
SE	Standard Error
SEAMAP	Southeast Area Monitoring and Assessment Program
SEFSC	Southeast Fisheries Science Center, NMFS
SGI	Silicon Graphics, Inc.
SIO	Scripps Institution of Oceanography
SLDR	Satellite-linked Depth Recorder
SPL	Sound Pressure Level
SRB	Scientific Review Board
SSC	Stennis Space Center
SST	Sea Surface Temperature
STI	Sea Tech, Inc.
SUW	Subtropical Underwater
SVA	Specific Volume Anomaly
TAMU	Texas A&M University (College Station)
TAMUG	Texas A&M University at Galveston
TAMUS	Texas A&M University System
TIO	Texas Institute of Oceanography
TL	Transmission Loss
T-S	Temperature-salinity Relationship
USGS	United States Geological Survey
VIM	Vibration Isolating Mechanisms
WMO	World Meteorological Organization
XBT	Expendable Bathythermograph

ACKNOWLEDGMENTS

Many persons contributed to this study, including the crews and graduate students who worked on the research vessels and aircraft, laboratory technicians, and the data management staff. The contributors to this report would like to recognize the efforts of T. Adams, M. Armstrong, A. Baldrige, N.B. Barros, M.F. Baumgartner, L. Bellaponni, S. Benson, S. Bräger, E. Brandon, P. Brown, I. Burke, T. Byrne, D.K. and M.C. Caldwell, R. Carroll, G. Childress, R. Clark, N. Clauss, V.G. Cockcroft, S. Collier, J. Cotton, P. Crotwell, L. Delos Santos, K. Dudzinski, T. Engelhardt, D. Fertl, A. Forest, T. Frohoff, C. Graham, A. Grundt, M.J. Hafner, E. Haubold, H.J. Herring, L. Higgins, W. Hoggard, M. Howley, D. Johnson, S. Kanatous, A. Landry, Jr., S. Leatherwood, D. Ljungblad, B. Mase, M.L. Mate, L. May, M.B. McDuff, J.G. Mead, L. Montaña-Luna, P. Mumford, S. Niekirk, D.K. Odell, S. O'Sullivan, W.F. Perrin, W.L. Perryman, J. Peterson, R. Pitman, K. Rademacher, L. Respass, F. Risinger, C. Roden, C. Rogers, D.J. Schmidly, L. Sharp, L.K.M. Shoda, K. Stafford, W.E. Stevens III, H. Svehlak, R.J. Tarpley, T. Tenbrink, Wang Ding, L. West, L. Wilkins, B. Wilson, and G.A.J. Worthy. Special thanks to the officers and crew of NOAA Ship *Oregon II* and the NOAA Aircraft Operations Center and pilots B. Taggart, S. Nokutis, T. O'Mara, S. Pape, M. Pickett, M. White. We thank Aspen Helicopters, Inc. and their pilot J. Drust. Special thanks also go to LUMCON's S. Rabalais, R/V *Pelican's* captain, C. Riffe and his crew, and the crew of University of Texas' R/V *Longhorn*. The direction and advice of R. Avent (Contracting Officer's Technical Representative) was of great service throughout this project. Thanks also go to the Scientific Review Board (SRB) members for their thoughtful review and comments on the goals and results of this project. The GulfCet Data Management Office wishes to express its appreciation to all those who served as reviewers of this document. D. Brandon served as data analyst and technical illustrator.

We gratefully acknowledge the Texas Institute of Oceanography and the National Marine Fisheries Service for cost-sharing the use of all research vessels used for the surveys and sperm whale tagging cruises on this project, and the Institute of Marine Life Sciences (TAMUG) for cost-sharing one set of "Big Eye" binoculars and various other research items.

This study was funded by the U.S Department of the Interior, Minerals Management Service, under contract C 14-35-0001-30619, and Interagency Agreement 16197 with the National Marine Fisheries Service.

INTRODUCTION

(repeated from Appendix C, Part 1)

Appendices A, B, and C are part of the third volume of the GulfCet Final Report. The report is a synthesis of the work completed for the Minerals Management Service project (termed 'GulfCet'), "The Distribution and Abundance of Cetaceans in the North-central and Western Gulf of Mexico," contract number 14-35-0001-30619. The appendices contain the actual data collected during the various shipboard and aerial surveys, as well as accessory information.

Appendix A contains the cetacean survey data collected during eight aerial surveys, eleven shipboard visual surveys (both TIO and NMFS-SEFSC), and seven shipboard acoustic surveys. Additionally, sighting summaries for TIO Cruise 8 (a focal sperm whale cruise) and opportunistic bird and sea turtle sighting data are included in this volume. Tables and figures compiled to ascertain the environmental profiles for the cetacean species observed are included in Appendix A as well.

Appendix B includes the processed NMFS-SEFSC hydrographic data collected during their four shipboard surveys. Each cruise's data are listed separately with the accompanying data arranged as follows: cruise personnel, stations occupied during each leg of a cruise, XBT and CTD data listings, and plots of the depths of the 8 °C, 15 °C, and 20 °C isotherms. Information pertinent to the Geographical Information System (GIS) is followed by 118 of the highest resolution satellite images obtained by SEFSC-Stennis Space Center throughout the duration of field work on the GulfCet Program.

Appendix C consists of TIO's processed hydrographic data. Part 1 of Appendix C contains data from TIO Cruises 1-4; Part 2, Cruises 5-8. These data were collected on seven seasonal cruises. Again, each cruise's data are listed separately. Cruise 1, the first spring survey, does not include CTD data because there was an equipment failure during this cruise. The general ordering of the data by cruise is as follows: cruise personnel, XBT and CTD data, analyzed temperature data plots, salinity data and accompanying salinity plots, chlorophyll data and concentration plots, mixed layer depth plots, fresh water fraction plots, dynamic height plots, and finally wind speed and direction plots. A more detailed listing of the exact information pertaining to each cruise may be found at the beginning of each cruise section. Technical reports have been published by Texas A&M at Galveston for each of TIO's GulfCet hydrographic surveys. Precise details regarding collection, processing, etc. may be found in these volumes (Fargion and Davis 1993a, 1993b, 1993c, 1993d, 1994a, 1994b, and 1994c).

Literature Cited

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VI. TIO CRUISE 5

6.1 Personnel

TIO Cruise 05 Personnel:

Ship's Captain:

Chris Riffe, *R/V Pelican*

Chief Scientist:

Jeff Norris TAMU, Research Associate

Scientific Staff:

Tom Jefferson	TAMU, Graduate Student
Logan Respass	TAMUG, Marine Technician
Mike Duncan	TAMU, Graduate Student
Laura Sharp	Intern
Brian Wilson	TAMUG, Student
David Weller	TAMU, Graduate Student
Luis Montaña-Luna	Volunteer
Andy Schiro	Volunteer
Mary Howley	TAMUG, Clerk
Shane Collier	TAMUG, Student
Ann Werner	TAMU, Graduate Student
Bill Stevens	TAMUG, Marine Technician
Ronnie Carroll	Volunteer

TIO 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

6.2 Expendable Bathythermograph (XBT) Data

Cruise 5 XBT Stations and Probe Types

XBT station	Date	Start time	Latitude (north)	Longitude (west)	Probe type	XBT station	Date	Start time	Latitude (north)	Longitude (west)	Probe type
03-Ex3	02 Jun 93	1309	26°21.87'	94°52.70'	T-7	09-088	28 May 93	2116	28°02.43'	90°49.99'	T-10
03-022	02 Jun 93	0350	27°51.5'	94°49.93'	T-10	09-089	28 May 93	2056	28°00.03'	90°50.05'	T-7
03-023	02 Jun 93	0328	27°49.00'	94°50.01'	T-7	09-090	28 May 93	1947	27°52.01'	90°50.06'	T-7
03-024	02 Jun 93	0129	27°42.00'	94°50.00'	T-7	09-091	28 May 93	1856	27°45.96'	90°50.03'	T-7
03-025	02 Jun 93	0124	27°34.00'	94°50.03'	T-7	09-092	28 May 93	1801	27°39.48'	90°50.03'	T-20
03-027	02 Jun 93	2328	27°23.23'	94°50.00'	T-20	09-094	28 May 93	1348	27°16.00'	90°50.00'	T-20
03-028*	02 Jun 93	2040	27°35.00'	94°50.00'	T-20	10-098	28 May 93	0332	27°11.50'	90°09.85'	T-20
04-Ex2	01 Jun 93	1805	27°31.00'	94°13.00'	T-7	10-099	27 May 93	2341	27°40.35'	90°09.92'	T-20
04-032	02 Jun 93	0416	26°37.00'	94°10.06'	T-20	10-101	27 May 93	2151	27°49.98'	90°09.88'	T-7
04-037*	01 Jun 93	1845	27°30.67'	94°09.99'	T-20	10-102	27 May 93	2016	28°01.57'	90°10.03'	T-7
04-038	01 Jun 93	1623	27°38.07'	94°09.99'	T-7	10-103	27 May 93	1957	28°03.94'	90°10.09'	T-7
04-039	01 Jun 93	1557	27°40.98'	94°10.00'	T-7	10-104	27 May 93	1903	28°09.38'	90°09.77'	T-10
04-040	01 Jun 93	1531	27°44.02'	94°10.03'	T-7	11-107	27 May 93	0844	28°35.96'	89°29.95'	T-10
04-041	01 Jun 93	1445	27°49.50'	94°09.99'	T-10	11-108	27 May 93	0810	28°32.00'	89°30.05'	T-7
05-044	01 Jun 93	0817	27°49.00'	93°30.01'	T-10	11-109	27 May 93	0738	28°27.79'	89°30.28'	T-7
05-045	01 Jun 93	0617	27°35.00'	93°30.01'	T-7	11-110	27 May 93	0648	28°21.51'	89°30.44'	T-7
05-046	01 Jun 93	0600	27°33.00'	93°29.99'	T-7	11-111	27 May 93	0555	28°14.98'	89°30.01'	T-20
05-048	01 Jun 93	0341	27°21.01'	93°29.90'	T-7	11-113	27 May 93	0018	27°37.91'	89°30.23'	T-20
05-049	01 Jun 93	0141	27°06.00'	93°29.98'	T-20	12-118	26 May 93	1645	28°14.51'	88°50.08'	T-20
05-051	31 May 93	2158	26°42.99'	93°30.00'	T-20	12-Ex1	26 May 93	1645	27°32.00'	88°50.00'	T-7
06-056	31 May 93	0613	26°52.00'	92°49.96'	T-20	12-120	26 May 93	1645	28°43.46'	88°50.01'	T-20
06-058	31 May 93	0233	27°19.04'	92°50.00'	T-20	12-121	26 May 93	1645	28°46.99'	88°50.00'	T-7
06-060	30 May 93	2355	27°34.50'	92°50.00'	T-7	12-122	26 May 93	1645	28°52.97'	88°49.93'	T-7
06-061	30 May 93	2259	27°41.00'	92°50.00'	T-7	12-123	26 May 93	1645	28°55.48'	88°49.83'	T-7
06-062	30 May 93	2245	24°42.82'	92°50.00'	T-7	12-124	26 May 93	1645	29°00.01'	88°49.97'	T-10
06-063	30 May 93	2100	27°54.50'	92°50.00'	T-10	13-127	25 May 93	2119	29°13.01'	88°10.13'	T-10
07-066	30 May 93	1421	27°53.00'	92°10.00'	T-10	13-128	25 May 93	2055	29°10.47'	88°09.96'	T-7
07-067	30 May 93	1413	27°51.99'	92°10.00'	T-7	13-129*	25 May 93	2037	29°08.51'	88°10.01'	T-7
07-068	30 May 93	1312	27°45.00'	92°10.00'	T-7	13-130	25 May 93	2003	29°04.95'	88°10.00'	T-7
07-069	30 May 93	1150	27°37.02'	92°10.03'	T-7	13-131	25 May 93	1911	29°02.95'	88°09.96'	T-20
07-070	30 May 93	1052	27°30.50'	92°10.12'	T-20	13-132	25 May 93	1711	29°49.00'	88°10.00'	T-20
07-072	30 May 93	0350	27°09.99'	92°09.97'	T-20	14-137	25 May 93	0319	29°03.88'	87°29.84'	T-20
08-079	29 May 93	0912	27°23.00'	91°30.00'	T-20	14-138	25 May 93	0147	29°15.02'	87°29.99'	T-20
08-081	29 May 93	0721	27°33.00'	91°30.08'	T-20	14-139	25 May 93	0130	29°16.96'	87°30.04'	T-7
08-082	29 May 93	0541	27°45.51'	91°30.00'	T-7	14-140	25 May 93	0107	29°20.00'	87°30.00'	T-7
08-083	29 May 93	0508	27°49.50'	91°30.07'	T-7	14-141*	25 May 93	0050	29°22.00'	87°30.00'	T-7
08-084	29 May 93	0447	27°52.00'	91°29.99'	T-7	14-142	25 May 93	0025	29°24.55'	87°29.94'	T-10
08-085	29 May 93	0438	27°52.99'	91°29.89'	T-10						

* denotes a malfunctioned probe.

XBT Data

Cruise: GULFCET 05
Latitude: 27° 51.50' N

Station: 03-022
Longitude: 94° 49.93' W

Probe Type: T-10
Date: 2-Jun-1993 Time: 0350

Depth (m)	Temp. (°C)
0.00	25.70
10.00	25.58
20.00	24.77
30.00	24.14
40.00	21.84
50.00	20.49
60.00	19.47
70.00	19.42
80.00	19.54
90.00	19.35
100.00	18.86
110.00	18.45
120.00	18.21
130.00	17.72
140.00	17.25
150.00	16.72
160.00	16.32
170.00	15.75
180.00	14.91

Cruise: GULFCET 05
Latitude: 27° 49.00' N

Station: 03-023
Longitude: 94° 50.01' W

Probe Type: T-7
Date: 2-Jun-1993 Time: 0328

Depth (m)	Temp. (°C)
0.00	25.76
10.00	25.33
20.00	24.06
30.00	23.96
40.00	22.36
50.00	20.48
60.00	19.69
70.00	19.46
80.00	19.73
90.00	19.43
100.00	18.59
110.00	17.99
120.00	17.55
130.00	16.97
140.00	16.37
150.00	16.09
160.00	15.75
170.00	15.34
180.00	15.01
190.00	14.56
200.00	13.97
210.00	13.91
220.00	13.68
230.00	13.44
240.00	13.26
250.00	13.07
260.00	12.72
270.00	12.42
280.00	11.88
290.00	11.75
300.00	11.47

Depth (m)	Temp. (°C)
310.00	11.37
320.00	11.19
330.00	11.11

Cruise: GULFCET 05
Latitude: 27° 42.00' N

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

Probe Type: T-7
Date: 2-Jun-1993 Time: 0129

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.71	310.00	11.23
10.00	25.57	320.00	10.99
20.00	24.78	330.00	10.93
30.00	23.49	340.00	10.80
40.00	23.06	350.00	10.52
50.00	22.68		
60.00	21.69		
70.00	20.66		
80.00	19.91		
90.00	19.24		
100.00	18.55		
110.00	17.85		
120.00	17.26		
130.00	16.66		
140.00	16.24		
150.00	15.99		
160.00	15.61		
170.00	15.27		
180.00	14.88		
190.00	14.46		
200.00	14.08		
210.00	13.96		
220.00	13.56		
230.00	13.25		
240.00	12.93		
250.00	12.79		
260.00	12.57		
270.00	12.31		
280.00	11.92		
290.00	11.81		
300.00	11.52		

Cruise: GULFCET 05
Latitude: 27° 34.00' N

Station: 03-025
Longitude: 94° 50.03' W

Probe Type: T-7
Date: 2-Jun-1993 Time: 0124

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.46	310.00	11.54	610.00	6.96
10.00	25.22	320.00	11.30		
20.00	24.71	330.00	11.14		
30.00	24.93	340.00	10.96		
40.00	24.72	350.00	10.74		
50.00	23.11	360.00	10.49		
60.00	22.51	370.00	10.15		
70.00	21.29	380.00	10.08		
80.00	20.05	390.00	9.71		
90.00	19.12	400.00	9.39		
100.00	18.41	410.00	9.04		
110.00	17.88	420.00	8.98		
120.00	17.17	430.00	8.87		
130.00	16.87	440.00	8.68		
140.00	16.57	450.00	8.56		
150.00	16.19	460.00	8.39		
160.00	15.92	470.00	8.27		
170.00	15.46	480.00	8.08		
180.00	15.14	490.00	8.02		
190.00	14.77	500.00	8.03		
200.00	14.27	510.00	7.99		
210.00	14.07	520.00	7.90		
220.00	13.74	530.00	7.82		
230.00	13.43	540.00	7.64		
240.00	13.05	550.00	7.28		
250.00	12.83	560.00	7.22		
260.00	12.57	570.00	7.15		
270.00	12.34	580.00	7.08		
280.00	12.13	590.00	7.08		
290.00	11.99	600.00	7.03		
300.00	11.71				

Cruise: GULFCET 05
Latitude: 27° 23.23' N

Station: 03-027
Longitude: 94° 50.00' W

Probe Type: T-20
Date: 2-Jun-1993 Time: 2328

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.79	310.00	11.04	610.00	7.11
10.00	25.55	320.00	10.88	620.00	7.02
20.00	25.05	330.00	10.74	630.00	6.92
30.00	24.94	340.00	10.47	640.00	6.87
40.00	24.49	350.00	10.32	650.00	6.72
50.00	23.31	360.00	10.20	660.00	6.63
60.00	21.56	370.00	10.03	670.00	6.56
70.00	21.86	380.00	9.87	680.00	6.50
80.00	20.44	390.00	9.76	690.00	6.44
90.00	18.72	400.00	9.53	700.00	6.34
100.00	18.26	410.00	9.39	710.00	6.25
110.00	17.49	420.00	9.24	720.00	6.12
120.00	17.14	430.00	9.05	730.00	6.00
130.00	16.67	440.00	8.82	740.00	5.93
140.00	16.20	450.00	8.65	750.00	5.83
150.00	15.75	460.00	8.50	760.00	5.78
160.00	15.27	470.00	8.43	770.00	5.73
170.00	14.91	480.00	8.37	780.00	5.67
180.00	14.61	490.00	8.33	790.00	5.64
190.00	14.22	500.00	8.24	800.00	5.63
200.00	13.94	510.00	8.14	810.00	5.58
210.00	13.50	520.00	7.99	820.00	5.57
220.00	13.21	530.00	7.79	830.00	5.54
230.00	12.91	540.00	7.70	840.00	5.51
240.00	12.64	550.00	7.56	850.00	5.46
250.00	12.48	560.00	7.50	860.00	5.38
260.00	12.14	570.00	7.41	870.00	5.33
270.00	11.84	580.00	7.36	880.00	5.22
280.00	11.71	590.00	7.26	890.00	5.20
290.00	11.40	600.00	7.18	900.00	5.18
300.00	11.18				

Cruise: GULFCET 05
Latitude: 26° 21.87' N

Station: 03-EX3
Longitude: 94° 52.70' W

Probe Type: T-7
Date: 2-Jun-1993 Time: 1309

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.99	310.00	10.84	610.00	6.11
10.00	24.73	320.00	10.63	620.00	6.06
20.00	24.25	330.00	10.51	630.00	6.01
30.00	23.47	340.00	10.19	640.00	5.88
40.00	23.06	350.00	10.18	650.00	5.80
50.00	22.31	360.00	9.81	660.00	5.76
60.00	22.09	370.00	9.49	670.00	5.71
70.00	20.41	380.00	9.44	680.00	5.69
80.00	20.20	390.00	9.30	690.00	5.63
90.00	19.86	400.00	9.01	700.00	5.60
100.00	19.39	410.00	8.81	710.00	5.53
110.00	18.30	420.00	8.56	720.00	5.47
120.00	17.73	430.00	8.43	730.00	5.46
130.00	17.16	440.00	8.16	740.00	5.43
140.00	16.44	450.00	7.88	750.00	5.38
150.00	15.91	460.00	7.79	760.00	5.31
160.00	15.71	470.00	7.60	770.00	5.22
170.00	14.95	480.00	7.37	780.00	5.18
180.00	14.71	490.00	7.20	790.00	5.14
190.00	14.32	500.00	7.10	800.00	5.10
200.00	14.04	510.00	6.99	810.00	5.08
210.00	13.59	520.00	6.94	820.00	5.07
220.00	13.43	530.00	6.75		
230.00	13.15	540.00	6.66		
240.00	12.71	550.00	6.63		
250.00	12.50	560.00	6.58		
260.00	12.26	570.00	6.49		
270.00	11.89	580.00	6.38		
280.00	11.59	590.00	6.28		
290.00	11.32	600.00	6.24		
300.00	11.03				

Cruise: GULFCET 05
Latitude: 26° 37.00' N

Station: 04-032
Longitude: 94° 10.06' W

Probe Type: T-20
Date: 2-Jun-1993 Time: 0416

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.89	310.00	10.48
10.00	25.46	320.00	10.26
20.00	24.20	330.00	10.05
30.00	22.77	340.00	9.88
40.00	21.97	350.00	9.72
50.00	21.18	360.00	9.42
60.00	20.61	370.00	9.23
70.00	19.98	380.00	9.04
80.00	19.09	390.00	8.79
90.00	18.65	400.00	8.87
100.00	17.93		
110.00	17.34		
120.00	16.75		
130.00	16.18		
140.00	15.62		
150.00	15.13		
160.00	14.70		
170.00	14.27		
180.00	13.86		
190.00	13.56		
200.00	13.12		
210.00	12.82		
220.00	12.54		
230.00	12.30		
240.00	12.00		
250.00	11.71		
260.00	11.48		
270.00	11.34		
280.00	11.04		
290.00	10.80		
300.00	10.64		

Cruise: GULFCET 05
Latitude: 27° 38.07' N

Station: 04-038
Longitude: 94° 09.99' W

Probe Type: T-7
Date: 1-Jun-1993 Time: 1623

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.51	310.00	11.55	610.00	7.38
10.00	25.20	320.00	11.37	620.00	7.16
20.00	24.20	330.00	11.11	630.00	6.99
30.00	22.33	340.00	10.90	640.00	6.93
40.00	21.06	350.00	10.70	650.00	6.78
50.00	20.47	360.00	10.53	660.00	6.69
60.00	19.80	370.00	10.38	670.00	6.65
70.00	19.40	380.00	10.21	680.00	6.54
80.00	18.72	390.00	10.05	690.00	6.44
90.00	18.01	400.00	9.94	700.00	6.36
100.00	17.39	410.00	9.71	710.00	6.32
110.00	16.71	420.00	9.41		
120.00	16.43	430.00	9.20		
130.00	16.19	440.00	8.95		
140.00	15.89	450.00	8.82		
150.00	15.46	460.00	8.73		
160.00	15.14	470.00	8.65		
170.00	14.95	480.00	8.51		
180.00	14.62	490.00	8.45		
190.00	14.54	500.00	8.40		
200.00	14.30	510.00	8.30		
210.00	14.02	520.00	8.22		
220.00	13.73	530.00	8.07		
230.00	13.47	540.00	7.99		
240.00	13.28	550.00	7.91		
250.00	13.10	560.00	7.85		
260.00	12.92	570.00	7.80		
270.00	12.67	580.00	7.68		
280.00	12.38	590.00	7.58		
290.00	11.97	600.00	7.45		
300.00	11.72				

Cruise: GULFCET 05
Latitude: 27° 40.98' N

Station: 04-039
Longitude: 94° 10.00' W

Probe Type: T-7
Date: 1-Jun-1993 Time: 1557

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.18	310.00	11.59
10.00	24.80	320.00	11.38
20.00	23.88	330.00	11.11
30.00	22.03	340.00	10.90
40.00	20.71	350.00	10.81
50.00	20.36	360.00	10.58
60.00	19.85	370.00	10.41
70.00	19.45	380.00	10.10
80.00	18.76	390.00	9.59
90.00	17.90	400.00	9.54
100.00	17.59	410.00	9.52
110.00	17.38	420.00	9.33
120.00	16.70	430.00	9.25
130.00	16.42	440.00	9.15
140.00	16.02	450.00	9.01
150.00	15.70	460.00	8.94
160.00	15.24	470.00	8.70
170.00	14.96	480.00	8.58
180.00	14.79	490.00	8.51
190.00	14.50	500.00	8.39
200.00	14.28	510.00	8.32
210.00	14.01	520.00	8.25
220.00	13.77	530.00	8.20
230.00	13.57	540.00	8.04
240.00	13.34		
250.00	13.21		
260.00	12.70		
270.00	12.42		
280.00	12.14		
290.00	11.95		
300.00	11.72		

Cruise: GULFCET 05
Latitude: 27° 44.02' N

Station: 04-040
Longitude: 94° 10.03' W

Probe Type: T-7
Date: 1-Jun-1993 Time: 1531

Depth (m)	Temp. (°C)
0.00	25.24
10.00	25.02
20.00	24.44
30.00	22.20
40.00	21.42
50.00	20.67
60.00	20.12
70.00	19.49
80.00	19.06
90.00	18.66
100.00	17.82
110.00	17.56
120.00	17.26
130.00	16.99
140.00	16.69
150.00	16.15
160.00	15.87
170.00	15.51
180.00	15.19
190.00	14.77
200.00	14.46
210.00	14.17
220.00	13.80
230.00	13.64
240.00	13.44
250.00	13.16
260.00	12.96
270.00	12.76
280.00	12.54
290.00	12.17
300.00	11.70

Cruise: GULFCET 05
Latitude: 27° 49.50' N

Station: 04-041
Longitude: 94° 09.99' W

Probe Type: T-10
Date: 1-Jun-1993 Time: 1445

Depth (m)	Temp. (°C)
0.00	25.05
10.00	24.81
20.00	23.88
30.00	21.16
40.00	21.16
50.00	20.22
60.00	19.45
70.00	19.25
80.00	18.99
90.00	18.74
100.00	18.51
110.00	18.13
120.00	17.66
130.00	17.19
140.00	16.82
150.00	16.61
160.00	16.30
170.00	15.82
180.00	15.64
190.00	15.43

Cruise: GULFCET 05
Latitude: 27° 31.00' N

Station: 04-EX2
Longitude: 94° 13.00' W

Probe Type: T-7
Date: 1-Jun-1993 Time: 1805

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.57	310.00	11.25	610.00	6.88
10.00	25.17	320.00	10.99	620.00	6.82
20.00	23.94	330.00	10.76	630.00	6.75
30.00	21.98	340.00	10.63	640.00	6.66
40.00	21.60	350.00	10.39	650.00	6.59
50.00	20.48	360.00	10.21	660.00	6.50
60.00	19.98	370.00	9.96	670.00	6.41
70.00	19.50	380.00	9.67	680.00	6.31
80.00	18.97	390.00	9.47	690.00	6.22
90.00	18.45	400.00	9.33	700.00	6.12
100.00	17.82	410.00	9.22	710.00	5.98
110.00	17.36	420.00	9.18	720.00	5.89
120.00	16.90	430.00	9.11	730.00	5.82
130.00	16.46	440.00	9.05	740.00	5.76
140.00	15.99	450.00	8.95		
150.00	15.68	460.00	8.71		
160.00	15.27	470.00	8.65		
170.00	14.92	480.00	8.55		
180.00	14.73	490.00	8.35		
190.00	14.44	500.00	8.28		
200.00	14.16	510.00	8.24		
210.00	13.90	520.00	8.06		
220.00	13.64	530.00	7.86		
230.00	13.26	540.00	7.72		
240.00	13.08	550.00	7.59		
250.00	12.86	560.00	7.51		
260.00	12.47	570.00	7.49		
270.00	12.15	580.00	7.32		
280.00	11.97	590.00	7.24		
290.00	11.77	600.00	6.99		
300.00	11.46				

Cruise: GULFCET 05
Latitude: 27° 49.00' N

Station: 05-044
Longitude: 93° 30.01' W

Probe Type: T-10
Date: 1-Jun-1993
Time: 0817

Depth (m)	Temp. (°C)
0.00	25.24
10.00	24.63
20.00	23.90
30.00	22.55
40.00	22.50
50.00	21.29
60.00	20.83
70.00	19.97
80.00	19.80
90.00	19.29
100.00	18.72
110.00	18.26
120.00	17.85
130.00	17.59
140.00	17.39
150.00	17.02
160.00	16.97
170.00	16.63
180.00	16.25
190.00	15.71

Cruise: GULFCET 05
Latitude: 27° 35.00' N

Station: 05-045
Longitude: 93° 30.01' W

Probe Type: T-7
Date: 1-Jun-1993
Time: 0617

Depth (m)	Temp. (°C)
0.00	25.47
10.00	25.08
20.00	24.36
30.00	23.81
40.00	22.84
50.00	22.11
60.00	21.48
70.00	20.82
80.00	20.52
90.00	19.85
100.00	19.52
110.00	18.72
120.00	17.64
130.00	17.14
140.00	16.82
150.00	16.35
160.00	15.87
170.00	15.32
180.00	15.03
190.00	14.81
200.00	14.58
210.00	14.31
220.00	13.84
230.00	13.48
240.00	13.22
250.00	13.10
260.00	12.58
270.00	12.33
280.00	12.19
290.00	12.09
300.00	12.01

Cruise: GULFCET 05
Latitude: 27° 33.00' N

Station: 05-046
Longitude: 93° 29.99' W

Probe Type: T-7
Date: 1-Jun-1993 Time: 0600

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.58	310.00	11.31
10.00	25.03	320.00	11.08
20.00	24.39	330.00	10.85
30.00	23.26	340.00	10.58
40.00	22.48	350.00	10.39
50.00	21.75	360.00	10.12
60.00	21.09	370.00	10.02
70.00	20.92	380.00	9.95
80.00	20.57	390.00	9.90
90.00	20.08	400.00	9.85
100.00	19.51	410.00	9.72
110.00	18.69	420.00	9.34
120.00	17.80		
130.00	17.26		
140.00	16.70		
150.00	16.40		
160.00	16.02		
170.00	15.73		
180.00	15.17		
190.00	14.82		
200.00	14.51		
210.00	14.27		
220.00	14.00		
230.00	13.51		
240.00	13.19		
250.00	12.72		
260.00	12.41		
270.00	12.07		
280.00	11.92		
290.00	11.74		
300.00	11.59		

Cruise: GULFCET 05
Latitude: 27° 21.01' N

Station: 05-048
Longitude: 93° 29.90' W

Probe Type: T-7
Date: 1-Jun-1993 Time: 0341

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.55	310.00	10.77	610.00	6.88
10.00	25.08	320.00	10.49	620.00	6.84
20.00	24.62	330.00	10.35	630.00	6.77
30.00	23.33	340.00	10.15		
40.00	22.95	350.00	9.98		
50.00	22.23	360.00	9.87		
60.00	21.26	370.00	9.60		
70.00	20.38	380.00	9.44		
80.00	20.29	390.00	9.32		
90.00	19.21	400.00	9.22		
100.00	18.52	410.00	9.14		
110.00	17.84	420.00	8.96		
120.00	17.25	430.00	8.78		
130.00	16.88	440.00	8.59		
140.00	16.51	450.00	8.47		
150.00	16.20	460.00	8.29		
160.00	15.78	470.00	8.19		
170.00	15.46	480.00	8.13		
180.00	15.21	490.00	8.07		
190.00	14.89	500.00	7.97		
200.00	14.57	510.00	7.80		
210.00	14.34	520.00	7.77		
220.00	14.04	530.00	7.64		
230.00	13.73	540.00	7.42		
240.00	13.26	550.00	7.36		
250.00	12.91	560.00	7.23		
260.00	12.53	570.00	7.11		
270.00	12.10	580.00	7.06		
280.00	11.90	590.00	6.98		
290.00	11.60	600.00	6.92		
300.00	11.09				

Cruise: GULFCET 05
Latitude: 27° 6.00' N

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

Probe Type: T-20
Date: 1-Jun-1993 Time: 0141

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.71	310.00	10.57	610.00	6.50
10.00	25.45	320.00	10.50	620.00	6.40
20.00	25.01	330.00	10.26	630.00	6.34
30.00	24.66	340.00	10.08	640.00	6.23
40.00	23.22	350.00	9.79	650.00	6.08
50.00	22.29	360.00	9.65	660.00	6.02
60.00	21.39	370.00	9.48	670.00	6.00
70.00	20.62	380.00	9.27	680.00	5.96
80.00	19.57	390.00	9.19	690.00	5.87
90.00	18.90	400.00	8.98	700.00	5.80
100.00	18.12	410.00	8.86	710.00	5.71
110.00	17.27	420.00	8.68	720.00	5.70
120.00	16.79	430.00	8.51	730.00	5.70
130.00	16.22	440.00	8.35	740.00	5.69
140.00	15.66	450.00	8.24	750.00	5.61
150.00	15.08	460.00	8.14		
160.00	14.66	470.00	7.99		
170.00	14.22	480.00	7.83		
180.00	13.74	490.00	7.66		
190.00	13.42	500.00	7.51		
200.00	13.21	510.00	7.33		
210.00	12.84	520.00	7.22		
220.00	12.59	530.00	7.07		
230.00	12.33	540.00	6.95		
240.00	12.04	550.00	6.88		
250.00	11.77	560.00	6.82		
260.00	11.50	570.00	6.75		
270.00	11.26	580.00	6.70		
280.00	11.05	590.00	6.63		
290.00	10.92	600.00	6.54		
300.00	10.76				

Cruise: GULFCET 05
Latitude: 26° 42.99' N

Station: 05-051
Longitude: 93° 30.00' W

Probe Type: T-20
Date: 31-May-1993 Time: 2158

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	26.17	310.00	10.14	610.00	6.21
10.00	25.32	320.00	10.01	620.00	6.14
20.00	23.97	330.00	9.84	630.00	6.05
30.00	22.88	340.00	9.61	640.00	5.99
40.00	22.06	350.00	9.49	650.00	5.93
50.00	21.37	360.00	9.33	660.00	5.86
60.00	20.74	370.00	9.02	670.00	5.82
70.00	20.23	380.00	8.88	680.00	5.78
80.00	19.65	390.00	8.77	690.00	5.73
90.00	18.82	400.00	8.48	700.00	5.71
100.00	17.85	410.00	8.38	710.00	5.67
110.00	17.24	420.00	8.08	720.00	5.61
120.00	16.37	430.00	8.04	730.00	5.55
130.00	15.73	440.00	7.87	740.00	5.53
140.00	15.07	450.00	7.81	750.00	5.46
150.00	14.71	460.00	7.70	760.00	5.43
160.00	14.42	470.00	7.57	770.00	5.39
170.00	14.02	480.00	7.51	780.00	5.33
180.00	13.62	490.00	7.40	790.00	5.31
190.00	13.26	500.00	7.27	800.00	5.26
200.00	13.03	510.00	7.19	810.00	5.23
210.00	12.78	520.00	7.03	820.00	5.19
220.00	12.44	530.00	6.96	830.00	5.16
230.00	12.01	540.00	6.90	840.00	5.05
240.00	11.71	550.00	6.75	850.00	5.04
250.00	11.43	560.00	6.71		
260.00	11.29	570.00	6.63		
270.00	11.00	580.00	6.52		
280.00	10.77	590.00	6.42		
290.00	10.64	600.00	6.30		
300.00	10.31				

Cruise: GULFCET 05
Latitude: 26° 52.00' N

Station: 06-056
Longitude: 92° 49.96' W

Probe Type: T-20
Date: 31-May-1993 Time: 0613

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	26.19	310.00	10.85	610.00	6.45
10.00	25.51	320.00	10.68	620.00	6.35
20.00	24.94	330.00	10.53	630.00	6.29
30.00	23.65	340.00	10.33	640.00	6.21
40.00	22.34	350.00	10.00	650.00	6.14
50.00	21.66	360.00	9.80	660.00	6.10
60.00	21.04	370.00	9.56	670.00	6.07
70.00	20.29	380.00	9.50	680.00	6.01
80.00	19.62	390.00	9.24	690.00	5.94
90.00	18.60	400.00	9.06	700.00	5.85
100.00	17.68	410.00	8.84	710.00	5.81
110.00	17.13	420.00	8.65	720.00	5.72
120.00	16.52	430.00	8.52	730.00	5.63
130.00	16.31	440.00	8.31	740.00	5.59
140.00	15.94	450.00	8.14	750.00	5.55
150.00	15.65	460.00	8.00	760.00	5.50
160.00	15.33	470.00	8.00	770.00	5.47
170.00	15.00	480.00	7.90	780.00	5.46
180.00	14.60	490.00	7.78	790.00	5.38
190.00	14.16	500.00	7.63	800.00	5.35
200.00	13.82	510.00	7.56	810.00	5.31
210.00	13.53	520.00	7.43	820.00	5.28
220.00	13.15	530.00	7.25	830.00	5.24
230.00	12.81	540.00	7.18	840.00	5.18
240.00	12.54	550.00	7.06	850.00	5.14
250.00	12.29	560.00	6.91	860.00	5.11
260.00	11.96	570.00	6.82		
270.00	11.70	580.00	6.72		
280.00	11.46	590.00	6.65		
290.00	11.29	600.00	6.57		
300.00	11.07				

Cruise: GULFCET 05
Latitude: 27° 19.04' N

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

Probe Type: T-20
Date: 31-May-1993 Time: 0233

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	26.11	310.00	11.33	610.00	5.98
10.00	25.52	320.00	11.10	620.00	5.95
20.00	24.84	330.00	10.77		
30.00	24.52	340.00	10.46		
40.00	23.32	350.00	10.07		
50.00	22.57	360.00	9.75		
60.00	21.77	370.00	9.54		
70.00	21.03	380.00	9.35		
80.00	20.32	390.00	9.14		
90.00	19.79	400.00	8.89		
100.00	19.07	410.00	8.57		
110.00	18.38	420.00	8.40		
120.00	17.62	430.00	8.11		
130.00	17.06	440.00	7.87		
140.00	16.50	450.00	7.58		
150.00	16.05	460.00	7.39		
160.00	15.49	470.00	7.20		
170.00	15.18	480.00	7.07		
180.00	14.87	490.00	6.85		
190.00	14.55	500.00	6.69		
200.00	14.38	510.00	6.62		
210.00	14.09	520.00	6.51		
220.00	13.81	530.00	6.41		
230.00	13.46	540.00	6.35		
240.00	13.17	550.00	6.29		
250.00	12.95	560.00	6.22		
260.00	12.68	570.00	6.21		
270.00	12.44	580.00	6.13		
280.00	12.25	590.00	6.06		
290.00	11.92	600.00	6.04		
300.00	11.61				

Cruise: GULFCET 05
Latitude: 27° 34.50' N

Station: 06-060
Longitude: 92° 50.00' W

Probe Type: T-7
Date: 30-May-1993 Time: 2355

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.69	310.00	10.83	610.00	6.75
10.00	25.06	320.00	10.70	620.00	6.57
20.00	24.71	330.00	10.47	630.00	6.46
30.00	23.89	340.00	10.17		
40.00	23.26	350.00	10.07		
50.00	22.48	360.00	9.93		
60.00	21.47	370.00	9.76		
70.00	20.66	380.00	9.62		
80.00	19.93	390.00	9.35		
90.00	19.13	400.00	9.22		
100.00	18.24	410.00	9.11		
110.00	17.79	420.00	8.96		
120.00	17.19	430.00	8.79		
130.00	16.63	440.00	8.53		
140.00	16.04	450.00	8.40		
150.00	15.50	460.00	8.29		
160.00	15.04	470.00	8.17		
170.00	14.72	480.00	8.09		
180.00	14.43	490.00	8.01		
190.00	14.08	500.00	7.88		
200.00	13.85	510.00	7.77		
210.00	13.62	520.00	7.64		
220.00	13.32	530.00	7.56		
230.00	12.98	540.00	7.44		
240.00	12.61	550.00	7.31		
250.00	12.38	560.00	7.16		
260.00	12.09	570.00	7.09		
270.00	11.84	580.00	6.96		
280.00	11.65	590.00	6.91		
290.00	11.37	600.00	6.87		
300.00	11.08				

Cruise: GULFCET 05
Latitude: 27° 41.00' N

Station: 06-061
Longitude: 92° 50.00' W

Probe Type: T-7
Date: 30-May-1993 Time: 2259

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.89	310.00	11.13
10.00	25.08	320.00	10.94
20.00	24.81	330.00	10.81
30.00	24.55	340.00	10.68
40.00	23.20	350.00	10.54
50.00	22.19	360.00	10.27
60.00	21.31		
70.00	20.80		
80.00	20.04		
90.00	19.62		
100.00	18.67		
110.00	17.96		
120.00	17.29		
130.00	16.83		
140.00	16.67		
150.00	16.14		
160.00	15.90		
170.00	15.39		
180.00	15.03		
190.00	14.61		
200.00	14.18		
210.00	13.76		
220.00	13.52		
230.00	13.22		
240.00	13.08		
250.00	12.73		
260.00	12.37		
270.00	12.16		
280.00	11.97		
290.00	11.58		
300.00	11.34		

Cruise: GULFCET 05
Latitude: 24° 42.82' N

Station: 06-062
Longitude: 92° 50.00' W

Probe Type: T-7
Date: 30-May-1993 Time: 2245

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	26.01	310.00	11.29
10.00	25.11	320.00	11.06
20.00	24.82	330.00	10.97
30.00	24.26	340.00	10.88
40.00	22.66	350.00	10.75
50.00	22.13		
60.00	21.06		
70.00	20.18		
80.00	19.93		
90.00	19.54		
100.00	18.51		
110.00	17.78		
120.00	17.30		
130.00	17.07		
140.00	16.54		
150.00	16.02		
160.00	15.68		
170.00	15.28		
180.00	14.84		
190.00	14.45		
200.00	14.23		
210.00	13.85		
220.00	13.42		
230.00	13.18		
240.00	12.77		
250.00	12.53		
260.00	12.26		
270.00	12.06		
280.00	11.77		
290.00	11.59		
300.00	11.48		

Cruise: GULFCET 05
Latitude: 27° 54.50' N

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

Probe Type: T-10
Date: 30-May-1993 Time: 2100

Depth (m)	Temp. (°C)
0.00	25.81
10.00	25.12
20.00	24.79
30.00	23.24
40.00	23.14
50.00	22.45
60.00	21.57
70.00	21.03
80.00	20.65
90.00	19.76
100.00	19.68
110.00	19.07
120.00	18.49
130.00	18.14
140.00	17.70
150.00	17.31
160.00	16.84
170.00	16.46
180.00	15.77
190.00	15.19

Cruise: GULFCET 05
Latitude: 27° 53.00' N

Station: 07-066
Longitude: 92° 10.00' W

Probe Type: T-10
Date: 30-May-1993 Time: 1421

Depth (m)	Temp. (°C)
0.00	26.36
10.00	24.99
20.00	24.80
30.00	24.51
40.00	23.11
50.00	22.72
60.00	21.84
70.00	21.05
80.00	20.69
90.00	20.39
100.00	19.90
110.00	19.45
120.00	18.67
130.00	18.32
140.00	17.67
150.00	17.23
160.00	16.71
170.00	16.51
180.00	16.14
190.00	15.68
200.00	15.47
210.00	15.16

Cruise: GULFCET 05
Latitude: 27° 51.99' N

Station: 07-067
Longitude: 92° 10.00' W

Probe Type: T-7
Date: 30-May-1993 Time: 1413

Depth (m)	Temp. (°C)
0.00	25.60
10.00	24.94
20.00	24.70
30.00	24.20
40.00	23.09
50.00	22.71
60.00	22.02
70.00	20.99
80.00	20.52
90.00	20.19
100.00	19.85
110.00	19.30
120.00	18.63
130.00	17.75
140.00	17.43
150.00	17.11
160.00	16.68
170.00	16.29
180.00	15.78
190.00	15.47
200.00	15.27
210.00	14.84
220.00	14.55
230.00	14.20
240.00	13.83
250.00	13.45
260.00	12.95
270.00	12.64
280.00	12.55
290.00	11.99

Cruise: GULFCET 05
Latitude: 27° 45.00' N

Station: 07-068
Longitude: 92° 10.00' W

Probe Type: T-7
Date: 30-May-1993 Time: 1312

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.61	310.00	11.79
10.00	25.08	320.00	11.63
20.00	24.81	330.00	11.41
30.00	24.50	340.00	11.04
40.00	23.31	350.00	10.76
50.00	22.74		
60.00	21.45		
70.00	20.68		
80.00	20.45		
90.00	19.71		
100.00	19.47		
110.00	18.80		
120.00	18.05		
130.00	17.84		
140.00	17.49		
150.00	17.14		
160.00	16.89		
170.00	16.48		
180.00	16.21		
190.00	15.95		
200.00	15.54		
210.00	15.19		
220.00	14.82		
230.00	14.52		
240.00	14.00		
250.00	13.70		
260.00	13.40		
270.00	13.22		
280.00	12.93		
290.00	12.53		
300.00	12.15		

Cruise: GULFCET 05
Latitude: 27° 37.02' N

Station: 07-069
Longitude: 92° 10.03' W

Probe Type: T-7
Date: 30-May-1993 Time: 1150

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.48	310.00	11.78	610.00	7.06
10.00	25.18	320.00	11.63	620.00	6.97
20.00	24.86	330.00	11.25	630.00	6.89
30.00	24.01	340.00	11.02	640.00	6.83
40.00	22.84	350.00	10.77	650.00	6.78
50.00	22.06	360.00	10.55	660.00	6.67
60.00	21.25	370.00	10.39	670.00	6.48
70.00	20.48	380.00	10.18	680.00	6.44
80.00	19.77	390.00	9.93		
90.00	19.13	400.00	9.78		
100.00	18.78	410.00	9.57		
110.00	18.68	420.00	9.37		
120.00	17.83	430.00	9.22		
130.00	17.50	440.00	9.05		
140.00	17.14	450.00	8.85		
150.00	16.94	460.00	8.77		
160.00	16.51	470.00	8.56		
170.00	16.07	480.00	8.45		
180.00	15.71	490.00	8.36		
190.00	15.49	500.00	8.15		
200.00	15.20	510.00	7.97		
210.00	15.00	520.00	7.84		
220.00	14.66	530.00	7.69		
230.00	14.08	540.00	7.60		
240.00	13.70	550.00	7.45		
250.00	13.28	560.00	7.40		
260.00	12.97	570.00	7.32		
270.00	12.61	580.00	7.25		
280.00	12.34	590.00	7.17		
290.00	12.20	600.00	7.12		
300.00	11.96				

Cruise: GULFCET 05
Latitude: 27° 30.50' N

Station: 07-070
Longitude: 92° 10.12' W

Probe Type: T-20
Date: 30-May-1993 Time: 1052

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.62	310.00	11.56	610.00	6.80
10.00	25.27	320.00	11.41	620.00	6.72
20.00	24.79	330.00	11.31	630.00	6.61
30.00	23.29	340.00	10.99	640.00	6.55
40.00	22.75	350.00	10.62	650.00	6.49
50.00	22.16	360.00	10.35	660.00	6.42
60.00	21.22	370.00	10.12	670.00	6.36
70.00	20.62	380.00	9.96	680.00	6.25
80.00	20.23	390.00	9.77	690.00	6.19
90.00	19.59	400.00	9.64		
100.00	18.87	410.00	9.47		
110.00	18.18	420.00	9.34		
120.00	18.23	430.00	9.12		
130.00	17.62	440.00	8.99		
140.00	17.07	450.00	8.81		
150.00	16.48	460.00	8.65		
160.00	15.89	470.00	8.54		
170.00	15.54	480.00	8.40		
180.00	15.21	490.00	8.22		
190.00	14.88	500.00	8.05		
200.00	14.61	510.00	7.93		
210.00	14.28	520.00	7.80		
220.00	14.05	530.00	7.69		
230.00	13.65	540.00	7.68		
240.00	13.31	550.00	7.55		
250.00	13.05	560.00	7.41		
260.00	12.80	570.00	7.19		
270.00	12.52	580.00	7.11		
280.00	12.31	590.00	7.04		
290.00	12.00	600.00	6.98		
300.00	11.78				

Cruise: GULFCET 05
Latitude: 27° 09.99' N

Station: 07-072
Longitude: 92° 09.97' W

Probe Type: T-20
Date: 30-May-1993 Time: 0350

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.46	310.00	11.59	610.00	6.68
10.00	24.97	320.00	11.24	620.00	6.61
20.00	24.69	330.00	11.06	630.00	6.52
30.00	23.27	340.00	10.86	640.00	6.46
40.00	22.70	350.00	10.68	650.00	6.34
50.00	21.68	360.00	10.52	660.00	6.30
60.00	20.59	370.00	10.32	670.00	6.23
70.00	20.46	380.00	10.09	680.00	6.15
80.00	19.71	390.00	9.83	690.00	6.07
90.00	19.34	400.00	9.59	700.00	5.98
100.00	18.86	410.00	9.44	710.00	5.89
110.00	18.60	420.00	9.26	720.00	5.83
120.00	18.20	430.00	9.00		
130.00	17.88	440.00	8.82		
140.00	17.69	450.00	8.70		
150.00	17.46	460.00	8.60		
160.00	17.05	470.00	8.39		
170.00	16.62	480.00	8.16		
180.00	16.10	490.00	7.94		
190.00	15.68	500.00	7.83		
200.00	15.35	510.00	7.67		
210.00	14.87	520.00	7.53		
220.00	14.40	530.00	7.45		
230.00	14.13	540.00	7.29		
240.00	13.58	550.00	7.19		
250.00	13.26	560.00	7.07		
260.00	12.92	570.00	7.00		
270.00	12.66	580.00	6.92		
280.00	12.32	590.00	6.86		
290.00	12.07	600.00	6.76		
300.00	11.92				

Cruise: GULFCET 05
Latitude: 27° 23.00' N

Station: 08-079
Longitude: 91° 30.00' W

Probe Type: T-20
Date: 29-May-1993 Time: 0912

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.42	310.00	10.98
10.00	25.08	320.00	10.90
20.00	24.97	330.00	10.79
30.00	23.69	340.00	10.73
40.00	23.07	350.00	10.62
50.00	22.13	360.00	10.52
60.00	21.23	370.00	10.39
70.00	20.46	380.00	10.27
80.00	19.40	390.00	10.14
90.00	18.97	400.00	9.88
100.00	17.79	410.00	9.65
110.00	17.02	420.00	9.49
120.00	16.42	430.00	9.18
130.00	15.81	440.00	9.01
140.00	15.54	450.00	8.86
150.00	15.06	460.00	8.58
160.00	14.79	470.00	8.44
170.00	14.40	480.00	8.21
180.00	14.01	490.00	8.13
190.00	13.62	500.00	7.94
200.00	13.23	510.00	7.79
210.00	12.87	520.00	7.54
220.00	12.48	530.00	7.45
230.00	12.17	540.00	7.33
240.00	11.90		
250.00	11.60		
260.00	11.47		
270.00	11.42		
280.00	11.31		
290.00	11.24		
300.00	11.10		

Cruise: GULFCET 05
Latitude: 27° 33.00' N

Station: 08-081
Longitude: 91° 30.08' W

Probe Type: T-20
Date: 29-May-1993 Time: 0721

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.26	310.00	11.26
10.00	25.14	320.00	11.11
20.00	25.08	330.00	10.86
30.00	23.52	340.00	10.67
40.00	22.41		
50.00	21.69		
60.00	20.65		
70.00	20.56		
80.00	19.89		
90.00	19.03		
100.00	18.47		
110.00	17.74		
120.00	17.18		
130.00	16.45		
140.00	15.97		
150.00	15.52		
160.00	15.01		
170.00	14.66		
180.00	14.27		
190.00	13.92		
200.00	13.64		
210.00	13.48		
220.00	13.24		
230.00	13.01		
240.00	12.74		
250.00	12.46		
260.00	12.25		
270.00	11.96		
280.00	11.78		
290.00	11.62		
300.00	11.44		

Cruise: GULFCET 05
Latitude: 27° 45.51' N

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

Probe Type: T-7
Date: 29-May-1993 Time: 0541

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.03	310.00	11.58	610.00	6.63
10.00	25.00	320.00	11.46	620.00	6.52
20.00	25.10	330.00	11.32	630.00	6.44
30.00	23.76	340.00	11.20	640.00	6.34
40.00	23.42	350.00	11.12	650.00	6.17
50.00	22.65	360.00	10.82	660.00	6.09
60.00	22.02	370.00	10.50		
70.00	21.78	380.00	10.37		
80.00	20.50	390.00	10.15		
90.00	20.07	400.00	9.98		
100.00	19.30	410.00	9.79		
110.00	18.81	420.00	9.67		
120.00	18.21	430.00	9.36		
130.00	17.20	440.00	9.24		
140.00	16.31	450.00	9.05		
150.00	15.84	460.00	8.86		
160.00	15.36	470.00	8.77		
170.00	14.85	480.00	8.60		
180.00	14.58	490.00	8.39		
190.00	14.44	500.00	8.26		
200.00	14.12	510.00	7.94		
210.00	13.76	520.00	7.63		
220.00	13.49	530.00	7.48		
230.00	13.16	540.00	7.39		
240.00	12.89	550.00	7.23		
250.00	12.61	560.00	7.16		
260.00	12.33	570.00	7.02		
270.00	12.21	580.00	6.92		
280.00	12.08	590.00	6.84		
290.00	11.96	600.00	6.74		
300.00	11.78				

Cruise: GULFCET 05
Latitude: 27° 49.50' N

Station: 08-083
Longitude: 91° 30.07' W

Probe Type: T-7
Date: 29-May-1993 Time: 0508

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.14	310.00	11.77
10.00	25.00	320.00	11.55
20.00	25.04	330.00	11.38
30.00	24.84	340.00	11.21
40.00	23.12	350.00	10.94
50.00	22.64	360.00	10.70
60.00	21.43	370.00	10.29
70.00	20.95	380.00	10.15
80.00	20.55		
90.00	20.13		
100.00	19.31		
110.00	18.71		
120.00	18.08		
130.00	17.21		
140.00	16.69		
150.00	16.41		
160.00	16.20		
170.00	15.63		
180.00	15.00		
190.00	14.77		
200.00	14.58		
210.00	14.32		
220.00	13.93		
230.00	13.61		
240.00	13.33		
250.00	12.96		
260.00	12.66		
270.00	12.41		
280.00	12.29		
290.00	12.09		
300.00	12.00		

Cruise: GULFCET 05
Latitude: 27° 52.00' N

Station: 08-084
Longitude: 91° 29.99' W

Probe Type: T-7
Date: 29-May-1993 Time: 0447

Depth (m)	Temp. (°C)
0.00	25.02
10.00	25.00
20.00	25.00
30.00	24.91
40.00	23.67
50.00	22.46
60.00	21.54
70.00	20.64
80.00	20.44
90.00	19.61
100.00	18.65
110.00	17.94
120.00	17.39
130.00	17.05
140.00	16.82
150.00	16.74
160.00	16.34
170.00	15.71
180.00	15.37
190.00	15.20
200.00	15.12
210.00	14.74
220.00	14.44
230.00	13.87
240.00	13.80
250.00	13.08

Cruise: GULFCET 05
Latitude: 27° 52.99' N

Station: 08-085
Longitude: 91° 29.89' W

Probe Type: T-10
Date: 29-May-1993 Time: 0438

Depth (m)	Temp. (°C)
0.00	25.13
10.00	25.00
20.00	24.99
30.00	24.93
40.00	23.68
50.00	22.70
60.00	21.56
70.00	20.80
80.00	20.29
90.00	20.03
100.00	19.03
110.00	18.44
120.00	17.55
130.00	17.22
140.00	16.90
150.00	16.86
160.00	16.54
170.00	16.28
180.00	15.78
190.00	15.48
200.00	15.43
210.00	14.98

Cruise: GULFCET 05
Latitude: 28° 2.43' N

Station: 09-088
Longitude: 90° 49.99' W

Probe Type: T-10
Date: 28-May-1993 Time: 2116

Depth (m)	Temp. (°C)
0.00	25.66
10.00	25.51
20.00	25.16
30.00	24.28
40.00	22.56
50.00	21.97
60.00	20.94
70.00	20.39
80.00	20.00
90.00	19.43
100.00	19.23
110.00	18.74
120.00	18.37
130.00	17.82
140.00	17.58
150.00	17.44
160.00	17.14
170.00	16.86
180.00	16.51
190.00	16.38
200.00	15.49

Cruise: GULFCET 05
Latitude: 28° .03' N

Station: 09-089
Longitude: 90° 50.05' W

Probe Type: T-7
Date: 28-May-1993 Time: 2056

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.60	310.00	11.38
10.00	25.37	320.00	10.90
20.00	24.40		
30.00	23.05		
40.00	22.39		
50.00	21.47		
60.00	20.79		
70.00	20.31		
80.00	20.14		
90.00	19.35		
100.00	19.00		
110.00	18.38		
120.00	17.65		
130.00	17.37		
140.00	16.90		
150.00	16.47		
160.00	15.87		
170.00	15.74		
180.00	15.55		
190.00	15.30		
200.00	15.07		
210.00	14.85		
220.00	14.66		
230.00	13.97		
240.00	13.68		
250.00	13.23		
260.00	13.01		
270.00	12.52		
280.00	12.21		
290.00	12.11		
300.00	11.90		

Cruise: GULFCET 05
Latitude: 27° 52.01' N

Station: 09-090
Longitude: 90° 50.06' W

Probe Type: T-7
Date: 28-May-1993 Time: 1947

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.34	310.00	10.99
10.00	24.87	320.00	10.81
20.00	23.92	330.00	10.69
30.00	22.97	340.00	10.61
40.00	22.37	350.00	10.57
50.00	21.80	360.00	10.37
60.00	20.94	370.00	10.26
70.00	20.77	380.00	10.22
80.00	20.23	390.00	10.11
90.00	19.82	400.00	10.08
100.00	19.24	410.00	10.02
110.00	18.08	420.00	9.81
120.00	17.40		
130.00	16.93		
140.00	16.50		
150.00	16.10		
160.00	15.45		
170.00	15.07		
180.00	14.75		
190.00	14.23		
200.00	13.90		
210.00	13.44		
220.00	13.21		
230.00	12.93		
240.00	12.58		
250.00	12.34		
260.00	12.23		
270.00	11.94		
280.00	11.77		
290.00	11.65		
300.00	11.54		

Cruise: GULFCET 05
Latitude: 27° 45.96' N

Station: 09-091
Longitude: 90° 50.03' W

Probe Type: T-7
Date: 28-May-1993 Time: 1856

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.22	310.00	11.01	610.00	6.44
10.00	25.48	320.00	10.75	620.00	6.32
20.00	24.80	330.00	10.53	630.00	6.30
30.00	23.05	340.00	10.34	640.00	6.23
40.00	21.94	350.00	10.21	650.00	6.18
50.00	21.41	360.00	9.87	660.00	6.14
60.00	20.79	370.00	9.76		
70.00	20.39	380.00	9.56		
80.00	19.99	390.00	9.31		
90.00	19.51	400.00	9.14		
100.00	19.04	410.00	8.79		
110.00	18.47	420.00	8.63		
120.00	17.94	430.00	8.52		
130.00	17.19	440.00	8.40		
140.00	16.40	450.00	8.30		
150.00	15.92	460.00	8.13		
160.00	15.53	470.00	8.04		
170.00	15.19	480.00	8.00		
180.00	14.95	490.00	7.94		
190.00	14.54	500.00	7.85		
200.00	14.10	510.00	7.80		
210.00	13.89	520.00	7.75		
220.00	13.55	530.00	7.64		
230.00	13.13	540.00	7.43		
240.00	12.79	550.00	7.26		
250.00	12.48	560.00	7.07		
260.00	12.18	570.00	6.85		
270.00	11.89	580.00	6.73		
280.00	11.55	590.00	6.57		
290.00	11.31	600.00	6.49		
300.00	11.16				

Cruise: GULFCET 05
Latitude: 27° 39.48' N

Station: 09-092
Longitude: 90° 50.03' W

Probe Type: T-20
Date: 28-May-1993 Time: 1801

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.26	310.00	10.54	610.00	6.52
10.00	25.12	320.00	10.34	620.00	6.45
20.00	25.19	330.00	10.17	630.00	6.32
30.00	24.27	340.00	9.83	640.00	6.28
40.00	22.76	350.00	9.64	650.00	6.18
50.00	21.83	360.00	9.40	660.00	6.13
60.00	21.47	370.00	9.27	670.00	6.05
70.00	20.83	380.00	9.04	680.00	5.96
80.00	19.90	390.00	8.86	690.00	5.91
90.00	19.40	400.00	8.72		
100.00	18.58	410.00	8.62		
110.00	18.01	420.00	8.49		
120.00	17.12	430.00	8.35		
130.00	16.67	440.00	8.15		
140.00	16.25	450.00	8.03		
150.00	15.71	460.00	7.97		
160.00	15.21	470.00	7.86		
170.00	14.94	480.00	7.75		
180.00	14.42	490.00	7.62		
190.00	14.05	500.00	7.51		
200.00	13.93	510.00	7.40		
210.00	13.67	520.00	7.29		
220.00	13.26	530.00	7.22		
230.00	13.01	540.00	7.10		
240.00	12.72	550.00	6.97		
250.00	12.18	560.00	6.88		
260.00	11.83	570.00	6.84		
270.00	11.44	580.00	6.77		
280.00	11.13	590.00	6.67		
290.00	11.01	600.00	6.57		
300.00	10.83				

Cruise: GULFCET 05
Latitude: 27° 16.00' N

Station: 09-094
Longitude: 90° 50.00' W

Probe Type: T-20
Date: 28-May-1993 Time: 1348

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.94	310.00	9.68	610.00	6.12	910.00	4.80
10.00	24.73	320.00	9.38	620.00	6.08	920.00	4.75
20.00	24.61	330.00	9.15	630.00	6.06	930.00	4.74
30.00	24.67	340.00	9.07	640.00	5.97	940.00	4.74
40.00	23.45	350.00	8.90	650.00	5.93	950.00	4.68
50.00	22.59	360.00	8.67	660.00	5.85	960.00	4.66
60.00	21.34	370.00	8.54	670.00	5.80	970.00	4.63
70.00	20.19	380.00	8.45	680.00	5.74	980.00	4.60
80.00	19.78	390.00	8.33	690.00	5.68	990.00	4.57
90.00	19.07	400.00	8.21	700.00	5.62		
100.00	18.34	410.00	7.98	710.00	5.57		
110.00	17.54	420.00	7.73	720.00	5.52		
120.00	16.96	430.00	7.59	730.00	5.46		
130.00	15.96	440.00	7.45	740.00	5.43		
140.00	15.43	450.00	7.40	750.00	5.37		
150.00	14.95	460.00	7.31	760.00	5.35		
160.00	14.54	470.00	7.23	770.00	5.31		
170.00	14.04	480.00	7.14	780.00	5.21		
180.00	13.68	490.00	7.01	790.00	5.15		
190.00	13.20	500.00	6.92	800.00	5.15		
200.00	12.88	510.00	6.83	810.00	5.08		
210.00	12.48	520.00	6.74	820.00	5.05		
220.00	12.13	530.00	6.66	830.00	5.06		
230.00	11.85	540.00	6.59	840.00	5.04		
240.00	11.50	550.00	6.56	850.00	5.02		
250.00	11.13	560.00	6.43	860.00	4.99		
260.00	10.76	570.00	6.39	870.00	4.94		
270.00	10.57	580.00	6.28	880.00	4.92		
280.00	10.41	590.00	6.20	890.00	4.89		
290.00	10.05	600.00	6.15	900.00	4.84		
300.00	9.92						

Cruise: GULFCET 05
Latitude: 27° 11.50' N

Station: 10-098
Longitude: 90° 9.85' W

Probe Type: T-20
Date: 28-May-1993 Time: 0332

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.21	310.00	11.03	610.00	6.56
10.00	25.24	320.00	10.83	620.00	6.50
20.00	25.17	330.00	10.59	630.00	6.40
30.00	24.36	340.00	10.43	640.00	6.31
40.00	23.05	350.00	10.23	650.00	6.26
50.00	22.08	360.00	9.97	660.00	6.16
60.00	21.23	370.00	9.74		
70.00	20.57	380.00	9.47		
80.00	20.25	390.00	9.38		
90.00	19.63	400.00	9.15		
100.00	18.36	410.00	8.89		
110.00	17.67	420.00	8.75		
120.00	17.07	430.00	8.50		
130.00	16.45	440.00	8.32		
140.00	16.07	450.00	8.16		
150.00	15.76	460.00	8.05		
160.00	15.47	470.00	7.93		
170.00	15.10	480.00	7.80		
180.00	14.82	490.00	7.69		
190.00	14.42	500.00	7.54		
200.00	14.28	510.00	7.49		
210.00	13.76	520.00	7.42		
220.00	13.46	530.00	7.34		
230.00	13.19	540.00	7.24		
240.00	12.90	550.00	7.12		
250.00	12.47	560.00	7.04		
260.00	12.15	570.00	6.95		
270.00	11.81	580.00	6.88		
280.00	11.60	590.00	6.76		
290.00	11.50	600.00	6.68		
300.00	11.20				

Cruise: GULFCET 05
Latitude: 27° 40.35' N

Station: 10-099
Longitude: 90° 09.92' W

Probe Type: T-20
Date: 27-May-1993 Time: 2341

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.69	310.00	10.76	610.00	6.46
10.00	25.64	320.00	10.62	620.00	6.38
20.00	25.60	330.00	10.32	630.00	6.29
30.00	24.32	340.00	10.24	640.00	6.25
40.00	23.10	350.00	9.98	650.00	6.17
50.00	22.15	360.00	9.77	660.00	6.13
60.00	21.71	370.00	9.68	670.00	6.07
70.00	20.59	380.00	9.58	680.00	5.96
80.00	20.25	390.00	9.38	690.00	5.85
90.00	19.54	400.00	9.11	700.00	5.82
100.00	18.54	410.00	8.94	710.00	5.77
110.00	17.80	420.00	8.65	720.00	5.75
120.00	17.26	430.00	8.52	730.00	5.70
130.00	16.61	440.00	8.48	740.00	5.66
140.00	16.21	450.00	8.34	750.00	5.58
150.00	15.80	460.00	8.12	760.00	5.52
160.00	15.19	470.00	8.00	770.00	5.45
170.00	14.79	480.00	7.75	780.00	5.36
180.00	14.22	490.00	7.65	790.00	5.33
190.00	13.90	500.00	7.51	800.00	5.26
200.00	13.45	510.00	7.37	810.00	5.24
210.00	13.11	520.00	7.34	820.00	5.21
220.00	12.81	530.00	7.25	830.00	5.17
230.00	12.53	540.00	7.08	840.00	5.15
240.00	12.26	550.00	7.04	850.00	5.13
250.00	12.03	560.00	6.95		
260.00	11.91	570.00	6.80		
270.00	11.69	580.00	6.70		
280.00	11.47	590.00	6.62		
290.00	11.24	600.00	6.56		
300.00	11.06				

Cruise: GULFCET 05
Latitude: 27° 49.98' N

Station: 10-101
Longitude: 90° 09.88' W

Probe Type: T-7
Date: 27-May-1993 Time: 2151

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.97	310.00	11.27	610.00	6.56
10.00	24.96	320.00	10.99	620.00	6.49
20.00	24.18	330.00	10.69	630.00	6.39
30.00	23.25	340.00	10.39	640.00	6.32
40.00	22.40	350.00	10.10	650.00	6.26
50.00	21.43	360.00	9.93	660.00	6.19
60.00	20.71	370.00	9.78	670.00	6.08
70.00	20.19	380.00	9.60	680.00	6.02
80.00	19.80	390.00	9.49	690.00	5.95
90.00	19.00	400.00	9.37	700.00	5.81
100.00	17.90	410.00	9.17	710.00	5.73
110.00	17.59	420.00	8.97		
120.00	17.09	430.00	8.76		
130.00	16.64	440.00	8.57		
140.00	16.05	450.00	8.40		
150.00	15.59	460.00	8.37		
160.00	15.27	470.00	8.24		
170.00	14.94	480.00	8.15		
180.00	14.72	490.00	8.02		
190.00	14.27	500.00	7.82		
200.00	14.00	510.00	7.64		
210.00	13.72	520.00	7.54		
220.00	13.47	530.00	7.37		
230.00	13.25	540.00	7.25		
240.00	12.85	550.00	7.14		
250.00	12.59	560.00	7.06		
260.00	12.25	570.00	6.98		
270.00	12.00	580.00	6.88		
280.00	11.79	590.00	6.78		
290.00	11.52	600.00	6.67		
300.00	11.31				

Cruise: GULFCET 05
Latitude: 28° 01.57' N

Station: 10-102
Longitude: 90° 10.03' W

Probe Type: T-7
Date: 27-May-1993 Time: 2016

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.36	310.00	11.33
10.00	25.33	320.00	11.07
20.00	25.22	330.00	10.88
30.00	24.54	340.00	10.65
40.00	22.66	350.00	10.52
50.00	22.09	360.00	10.45
60.00	21.69	370.00	10.20
70.00	21.22	380.00	10.05
80.00	20.32	390.00	9.94
90.00	19.67	400.00	9.85
100.00	18.95	410.00	9.80
110.00	18.28	420.00	9.77
120.00	17.55	430.00	9.68
130.00	16.85	440.00	9.61
140.00	16.35	450.00	9.56
150.00	15.79	460.00	9.36
160.00	15.51	470.00	9.29
170.00	15.30	480.00	9.17
180.00	14.77	490.00	9.04
190.00	14.52	500.00	8.73
200.00	14.31		
210.00	14.20		
220.00	13.92		
230.00	13.46		
240.00	13.13		
250.00	12.83		
260.00	12.49		
270.00	12.29		
280.00	12.26		
290.00	11.91		
300.00	11.68		

Cruise: GULFCET 05
Latitude: 28° 03.94' N

Station: 10-103
Longitude: 90° 10.09' W

Probe Type: T-7
Date: 27-May-1993 Time: 1957

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.34	310.00	11.45
10.00	25.30	320.00	11.21
20.00	25.26	330.00	11.14
30.00	23.11	340.00	11.04
40.00	22.23	350.00	10.90
50.00	21.80	360.00	10.64
60.00	21.15		
70.00	20.83		
80.00	20.40		
90.00	20.07		
100.00	19.18		
110.00	18.38		
120.00	17.74		
130.00	17.26		
140.00	16.67		
150.00	16.06		
160.00	15.79		
170.00	15.42		
180.00	15.06		
190.00	14.65		
200.00	14.46		
210.00	13.95		
220.00	13.55		
230.00	13.11		
240.00	12.77		
250.00	12.55		
260.00	12.37		
270.00	12.09		
280.00	11.92		
290.00	11.74		
300.00	11.59		

Cruise: GULFCET 05
Latitude: 28° 09.38' N

Station: 10-104
Longitude: 90° 09.77' W

Probe Type: T-10
Date: 27-May-1993 Time: 1903

Depth (m)	Temp. (°C)
0.00	24.32
10.00	25.24
20.00	24.07
30.00	23.47
40.00	22.37
50.00	21.22
60.00	20.76
70.00	20.50
80.00	20.34
90.00	19.84
100.00	19.38
110.00	18.99
120.00	18.43
130.00	17.69
140.00	17.32
150.00	17.10
160.00	16.82
170.00	16.48
180.00	16.34
190.00	16.19
200.00	15.54

Cruise: GULFCET 05
Latitude: 28° 35.96' N

Station: 11-107
Longitude: 89° 29.95' W

Probe Type: T-10
Date: 27-May-1993 Time: 0844

Depth (m)	Temp. (°C)
0.00	24.38
10.00	24.62
20.00	23.39
30.00	22.54
40.00	22.23
50.00	21.63
60.00	21.64
70.00	21.00
80.00	20.02
90.00	19.84
100.00	19.18
110.00	18.09
120.00	17.80
130.00	17.76
140.00	17.62
150.00	16.99
160.00	16.89

Cruise: GULFCET 05
Latitude: 28° 32.00' N

Station: 11-108
Longitude: 89° 30.05' W

Probe Type: T-7
Date: 27-May-1993 Time: 0810

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.86	310.00	11.28
10.00	24.81	320.00	11.14
20.00	23.42	330.00	11.05
30.00	22.76		
40.00	22.20		
50.00	21.44		
60.00	20.81		
70.00	20.50		
80.00	20.02		
90.00	19.40		
100.00	18.56		
110.00	17.87		
120.00	17.34		
130.00	17.11		
140.00	16.82		
150.00	16.43		
160.00	16.14		
170.00	15.58		
180.00	15.40		
190.00	14.94		
200.00	14.74		
210.00	14.35		
220.00	14.09		
230.00	13.70		
240.00	13.50		
250.00	13.09		
260.00	12.87		
270.00	12.52		
280.00	12.11		
290.00	11.91		
300.00	11.58		

Cruise: GULFCET 05
Latitude: 28° 27.79' N

Station: 11-109
Longitude: 89° 30.28' W

Probe Type: T-7
Date: 27-May-1993 Time: 0738

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.12	310.00	11.68
10.00	25.12	320.00	11.29
20.00	24.00	330.00	11.12
30.00	23.01	340.00	10.99
40.00	22.09	350.00	10.99
50.00	20.95	360.00	10.97
60.00	20.36	370.00	10.79
70.00	19.95	380.00	10.66
80.00	19.50	390.00	10.38
90.00	19.74	400.00	10.09
100.00	18.80	410.00	9.78
110.00	17.89	420.00	9.28
120.00	17.08	430.00	9.21
130.00	16.75	440.00	9.05
140.00	16.31	450.00	8.96
150.00	15.95	460.00	8.92
160.00	15.66	470.00	8.76
170.00	15.42	480.00	8.65
180.00	15.01	490.00	8.59
190.00	14.75	500.00	8.62
200.00	14.49	510.00	8.58
210.00	14.17	520.00	8.52
220.00	14.03	530.00	8.43
230.00	13.89	540.00	7.75
240.00	13.59		
250.00	13.27		
260.00	13.02		
270.00	12.69		
280.00	12.57		
290.00	12.29		
300.00	12.03		

Cruise: GULFCET 05
Latitude: 28° 21.51' N

Station: 11-110
Longitude: 89° 30.44' W

Probe Type: T-7
Date: 27-May-1993 Time: 0648

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.12	310.00	11.58	610.00	6.84
10.00	25.09	320.00	11.42	620.00	6.49
20.00	25.10	330.00	11.21	630.00	6.37
30.00	22.91	340.00	10.99	640.00	6.28
40.00	21.99	350.00	10.76	650.00	6.21
50.00	21.98	360.00	10.50	660.00	6.14
60.00	21.20	370.00	10.31	670.00	6.01
70.00	19.93	380.00	10.16	680.00	5.97
80.00	19.47	390.00	9.94	690.00	5.85
90.00	19.23	400.00	9.69		
100.00	18.36	410.00	9.64		
110.00	17.64	420.00	9.58		
120.00	17.10	430.00	9.55		
130.00	16.63	440.00	9.48		
140.00	16.29	450.00	9.33		
150.00	15.97	460.00	9.26		
160.00	15.66	470.00	9.20		
170.00	15.30	480.00	8.96		
180.00	15.07	490.00	8.71		
190.00	14.84	500.00	8.50		
200.00	14.51	510.00	8.37		
210.00	14.27	520.00	8.10		
220.00	13.87	530.00	7.91		
230.00	13.61	540.00	7.82		
240.00	13.46	550.00	7.68		
250.00	13.13	560.00	7.63		
260.00	12.99	570.00	7.40		
270.00	12.70	580.00	7.27		
280.00	12.45	590.00	7.24		
290.00	12.15	600.00	7.11		
300.00	11.78				

Cruise: GULFCET 05
Latitude: 28° 14.98' N

Station: 11-111
Longitude: 89° 30.01' W

Probe Type: T-20
Date: 27-May-1993 Time: 0555

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.66	310.00	11.68	610.00	6.75
10.00	25.57	320.00	11.40	620.00	6.67
20.00	25.52	330.00	11.19	630.00	6.63
30.00	23.30	340.00	10.85	640.00	6.58
40.00	22.36	350.00	10.59	650.00	6.48
50.00	21.14	360.00	10.42	660.00	6.44
60.00	20.69	370.00	10.24	670.00	6.37
70.00	20.36	380.00	10.07	680.00	6.35
80.00	20.03	390.00	9.99	690.00	6.28
90.00	19.07	400.00	9.81	700.00	6.23
100.00	18.49	410.00	9.61	710.00	6.14
110.00	17.91	420.00	9.31	720.00	6.08
120.00	17.38	430.00	9.14	730.00	6.02
130.00	16.98	440.00	9.02	740.00	5.93
140.00	16.59	450.00	8.84	750.00	5.90
150.00	16.29	460.00	8.67	760.00	5.87
160.00	16.01	470.00	8.60	770.00	5.77
170.00	15.63	480.00	8.46	780.00	5.73
180.00	15.20	490.00	8.34	790.00	5.66
190.00	14.87	500.00	8.20	800.00	5.59
200.00	14.55	510.00	8.13	810.00	5.55
210.00	14.35	520.00	8.15	820.00	5.52
220.00	14.09	530.00	7.95	830.00	5.48
230.00	13.85	540.00	7.85	840.00	5.43
240.00	13.57	550.00	7.61	850.00	5.39
250.00	13.28	560.00	7.47		
260.00	12.94	570.00	7.28		
270.00	12.64	580.00	7.14		
280.00	12.31	590.00	6.99		
290.00	12.15	600.00	6.88		
300.00	11.93				

Cruise: GULFCET 05
Latitude: 27° 37.91' N

Station: 11-113
Longitude: 89° 30.23' W

Probe Type: T-20
Date: 27-May-1993 Time: 0018

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.86	310.00	10.62	610.00	6.52	910.00	4.97
10.00	25.91	320.00	10.36	620.00	6.40	920.00	4.90
20.00	25.85	330.00	10.16	630.00	6.31	930.00	4.85
30.00	25.55	340.00	9.97	640.00	6.25	940.00	4.85
40.00	23.10	350.00	9.77	650.00	6.23	950.00	4.83
50.00	22.48	360.00	9.53	660.00	6.16	960.00	4.79
60.00	21.68	370.00	9.34	670.00	6.11	970.00	4.77
70.00	20.86	380.00	9.25	680.00	6.07	980.00	4.74
80.00	19.92	390.00	9.13	690.00	5.97	990.00	4.69
90.00	19.18	400.00	8.88	700.00	5.94		
100.00	18.61	410.00	8.67	710.00	5.89		
110.00	17.88	420.00	8.47	720.00	5.85		
120.00	17.22	430.00	8.37	730.00	5.77		
130.00	16.76	440.00	8.34	740.00	5.70		
140.00	16.28	450.00	8.26	750.00	5.65		
150.00	15.83	460.00	8.20	760.00	5.59		
160.00	15.26	470.00	7.98	770.00	5.55		
170.00	14.99	480.00	7.83	780.00	5.50		
180.00	14.45	490.00	7.62	790.00	5.42		
190.00	14.06	500.00	7.51	800.00	5.41		
200.00	13.69	510.00	7.45	810.00	5.31		
210.00	13.40	520.00	7.40	820.00	5.25		
220.00	12.98	530.00	7.28	830.00	5.24		
230.00	12.59	540.00	7.20	840.00	5.21		
240.00	12.29	550.00	7.12	850.00	5.15		
250.00	12.04	560.00	7.02	860.00	5.11		
260.00	11.86	570.00	6.92	870.00	5.07		
270.00	11.55	580.00	6.78	880.00	5.08		
280.00	11.30	590.00	6.70	890.00	5.04		
290.00	11.00	600.00	6.60	900.00	5.00		
300.00	10.92						

Cruise: GULFCET 05
Latitude: 28° 14.51' N

Station: 12-118
Longitude: 88° 50.08' W

Probe Type: T-20
Date: 26-May-1993 Time: 1645

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.61	310.00	9.09	610.00	6.06	910.00	4.89
10.00	25.60	320.00	8.98	620.00	6.02	920.00	4.86
20.00	25.59	330.00	8.88	630.00	5.98	930.00	4.84
30.00	25.54	340.00	8.78	640.00	5.91	940.00	4.83
40.00	25.41	350.00	8.64	650.00	5.83	950.00	4.76
50.00	24.95	360.00	8.55	660.00	5.81	960.00	4.74
60.00	23.80	370.00	8.40	670.00	5.76	970.00	4.70
70.00	22.59	380.00	8.31	680.00	5.72	980.00	4.67
80.00	21.26	390.00	8.01	690.00	5.69	990.00	4.67
90.00	20.41	400.00	7.91	700.00	5.65		
100.00	19.64	410.00	7.87	710.00	5.61		
110.00	18.37	420.00	7.87	720.00	5.58		
120.00	16.89	430.00	7.70	730.00	5.54		
130.00	16.14	440.00	7.59	740.00	5.48		
140.00	15.40	450.00	7.44	750.00	5.44		
150.00	14.82	460.00	7.26	760.00	5.42		
160.00	14.31	470.00	7.16	770.00	5.40		
170.00	13.87	480.00	7.06	780.00	5.37		
180.00	13.36	490.00	6.97	790.00	5.33		
190.00	12.98	500.00	6.92	800.00	5.32		
200.00	12.71	510.00	6.83	810.00	5.25		
210.00	12.45	520.00	6.73	820.00	5.22		
220.00	12.19	530.00	6.65	830.00	5.19		
230.00	11.88	540.00	6.56	840.00	5.12		
240.00	11.65	550.00	6.50	850.00	5.05		
250.00	11.33	560.00	6.41	860.00	5.01		
260.00	10.83	570.00	6.34	870.00	4.98		
270.00	10.43	580.00	6.24	880.00	4.96		
280.00	9.93	590.00	6.16	890.00	4.93		
290.00	9.60	600.00	6.09	900.00	4.93		
300.00	9.31						

Cruise: GULFCET 05
Latitude: 28° 43.46' N

Station: 12-120
Longitude: 88° 50.01' W

Probe Type: T-20
Date: 26-May-1993 Time: 1645

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.28	310.00	11.14
10.00	25.40	320.00	10.99
20.00	25.33	330.00	10.75
30.00	25.19	340.00	10.45
40.00	23.38	350.00	10.33
50.00	22.24	360.00	10.23
60.00	21.87	370.00	9.97
70.00	21.01	380.00	9.85
80.00	20.65	390.00	9.67
90.00	20.29	400.00	9.58
100.00	19.54	410.00	9.26
110.00	18.98	420.00	9.08
120.00	18.19	430.00	8.94
130.00	17.18	440.00	8.81
140.00	16.50	450.00	8.63
150.00	16.03	460.00	8.43
160.00	15.87	470.00	8.34
170.00	15.51	480.00	8.17
180.00	15.28	490.00	8.10
190.00	14.89	500.00	7.98
200.00	14.51	510.00	7.83
210.00	14.17	520.00	7.67
220.00	13.78		
230.00	13.42		
240.00	12.98		
250.00	12.77		
260.00	12.39		
270.00	12.09		
280.00	11.86		
290.00	11.61		
300.00	11.35		

Cruise: GULFCET 05
Latitude: 28° 46.99' N

Station: 12-121
Longitude: 88° 50.00' W

Probe Type: T-7
Date: 26-May-1993 Time: 1645

Depth (m)	Temp. (°C)
0.00	25.25
10.00	25.22
20.00	25.21
30.00	24.69
40.00	22.79
50.00	22.13
60.00	21.92
70.00	21.17
80.00	20.46
90.00	20.01
100.00	19.45
110.00	19.13
120.00	18.63

Cruise: GULFCET 05
Latitude: 28° 52.97' N

Station: 12-122
Longitude: 88° 49.93' W

Probe Type: T-7
Date: 26-May-1993 Time: 1645

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.31	310.00	11.65
10.00	25.12	320.00	11.30
20.00	25.32	330.00	11.08
30.00	24.24	340.00	10.86
40.00	23.32	350.00	10.68
50.00	22.67	360.00	10.59
60.00	21.68	370.00	10.36
70.00	21.02	380.00	10.24
80.00	20.90	390.00	10.22
90.00	20.28	400.00	10.19
100.00	19.60	410.00	10.14
110.00	19.20	420.00	9.96
120.00	18.52	430.00	9.52
130.00	18.04	440.00	9.26
140.00	17.54		
150.00	17.07		
160.00	16.33		
170.00	15.96		
180.00	15.58		
190.00	15.10		
200.00	14.63		
210.00	14.41		
220.00	13.96		
230.00	13.63		
240.00	13.27		
250.00	13.00		
260.00	12.52		
270.00	12.39		
280.00	12.24		
290.00	12.12		
300.00	12.00		

Cruise: GULFCET 05
Latitude: 28° 55.48' N

Station: 12-123
Longitude: 88° 49.83' W

Probe Type: T-7
Date: 26-May-1993 Time: 1645

Depth (m)	Temp. (°C)
0.00	24.98
10.00	25.17
20.00	25.24
30.00	25.06
40.00	23.74
50.00	22.86
60.00	21.85
70.00	21.90
80.00	20.85
90.00	20.40
100.00	19.95
110.00	19.50
120.00	18.99
130.00	18.41
140.00	17.91
150.00	17.47
160.00	17.05
170.00	16.74
180.00	16.43
190.00	16.07
200.00	15.68
210.00	15.47
220.00	15.05
230.00	14.60
240.00	14.42
250.00	14.11
260.00	13.35
270.00	12.87
280.00	12.50
290.00	11.98
300.00	11.93

Cruise: GULFCET 05
Latitude: 29° 00.01' N

Station: 12-124
Longitude: 88° 49.97' W

Probe Type: T-10
Date: 26-May-1993 Time: 1645

Depth (m)	Temp. (°C)
0.00	24.79
10.00	24.58
20.00	24.91
30.00	23.72
40.00	22.88
50.00	22.71
60.00	21.41
70.00	19.93
80.00	19.64
90.00	19.52
100.00	19.20
110.00	19.10
120.00	18.89
130.00	18.11
140.00	17.93
150.00	17.56
160.00	17.09
170.00	16.73
180.00	16.35
190.00	15.77

Cruise: GULFCET 05
Latitude: 27° 32.00' N

Station: 12-EX1
Longitude: 88° 50.00' W

Probe Type: T-7
Date: 26-May-1993 Time: 1645

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	26.03	310.00	9.32
10.00	26.05	320.00	9.19
20.00	26.08	330.00	9.10
30.00	26.05	340.00	8.98
40.00	24.63	350.00	8.79
50.00	23.27	360.00	8.60
60.00	21.68	370.00	8.46
70.00	20.67	380.00	8.27
80.00	19.97	390.00	8.15
90.00	18.96	400.00	8.09
100.00	18.11	410.00	8.07
110.00	17.08	420.00	7.99
120.00	16.57	430.00	7.93
130.00	15.42	440.00	7.73
140.00	14.63	450.00	7.68
150.00	13.88	460.00	7.64
160.00	13.38		
170.00	13.27		
180.00	12.58		
190.00	12.25		
200.00	12.00		
210.00	11.63		
220.00	11.22		
230.00	11.03		
240.00	10.64		
250.00	10.32		
260.00	9.82		
270.00	9.50		
280.00	9.41		
290.00	9.38		
300.00	9.36		

Cruise: GULFCET 05
Latitude: 29° 13.01' N

Station: 13-127
Longitude: 88° 10.13' W

Probe Type: T-10
Date: 25-May-1993 Time: 2119

Depth (m)	Temp. (°C)
0.00	24.69
10.00	24.37
20.00	23.30
30.00	21.92
40.00	21.08
50.00	19.90
60.00	20.15
70.00	20.98
80.00	20.31
90.00	19.92
100.00	19.32
110.00	18.62
120.00	18.20
130.00	17.72
140.00	17.17
150.00	16.70
160.00	16.15
170.00	15.75
180.00	15.35
190.00	14.75

Cruise: GULFCET 05
Latitude: 29° 10.47' N

Station: 13-128
Longitude: 88° 09.96' W

Probe Type: T-7
Date: 25-May-1993 Time: 2055

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.93	310.00	12.61
10.00	24.35	320.00	12.40
20.00	25.03	330.00	12.20
30.00	23.95	340.00	11.95
40.00	23.35	350.00	11.68
50.00	22.95	360.00	11.49
60.00	21.68		
70.00	20.84		
80.00	20.43		
90.00	19.67		
100.00	19.46		
110.00	19.07		
120.00	18.39		
130.00	17.77		
140.00	17.28		
150.00	16.79		
160.00	16.39		
170.00	16.04		
180.00	15.74		
190.00	15.35		
200.00	15.16		
210.00	14.94		
220.00	14.59		
230.00	14.32		
240.00	14.11		
250.00	13.88		
260.00	13.73		
270.00	13.55		
280.00	13.26		
290.00	13.01		
300.00	12.71		

Cruise: GULFCET 05
Latitude: 29° 04.95' N

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

Probe Type: T-7
Date: 25-May-1993 Time: 2003

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.67	310.00	11.82	610.00	6.86
10.00	24.97	320.00	11.58	620.00	6.79
20.00	24.78	330.00	11.41	630.00	6.70
30.00	23.87	340.00	11.24	640.00	6.59
40.00	23.02	350.00	10.88	650.00	6.45
50.00	21.78	360.00	10.68	660.00	6.36
60.00	21.58	370.00	10.59	670.00	6.32
70.00	21.25	380.00	10.26	680.00	6.27
80.00	20.44	390.00	10.08	690.00	6.20
90.00	20.40	400.00	9.90	700.00	6.11
100.00	19.68	410.00	9.84		
110.00	18.78	420.00	9.72		
120.00	17.85	430.00	9.50		
130.00	17.29	440.00	9.31		
140.00	16.86	450.00	9.24		
150.00	16.44	460.00	9.06		
160.00	16.18	470.00	8.78		
170.00	16.05	480.00	8.73		
180.00	15.73	490.00	8.61		
190.00	15.46	500.00	8.46		
200.00	15.02	510.00	8.29		
210.00	14.65	520.00	8.07		
220.00	14.44	530.00	7.88		
230.00	14.18	540.00	7.73		
240.00	13.79	550.00	7.55		
250.00	13.48	560.00	7.43		
260.00	13.18	570.00	7.32		
270.00	12.92	580.00	7.19		
280.00	12.70	590.00	7.09		
290.00	12.42	600.00	6.95		
300.00	12.24				

Cruise: GULFCET 05
Latitude: 29° 02.95' N

Station: 13-131
Longitude: 88° 09.96' W

Probe Type: T-20
Date: 25-May-1993 Time: 1911

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.66	310.00	11.93	610.00	7.31
10.00	24.87	320.00	11.63	620.00	7.16
20.00	24.85	330.00	11.42	630.00	7.07
30.00	23.93	340.00	11.21	640.00	7.02
40.00	23.41	350.00	11.03	650.00	6.91
50.00	22.43	360.00	10.56	660.00	6.78
60.00	21.60	370.00	10.31	670.00	6.63
70.00	21.28	380.00	10.19	680.00	6.57
80.00	20.76	390.00	10.16	690.00	6.44
90.00	20.48	400.00	9.98		
100.00	19.34	410.00	9.83		
110.00	18.96	420.00	9.74		
120.00	18.38	430.00	9.65		
130.00	17.79	440.00	9.59		
140.00	17.32	450.00	9.51		
150.00	16.77	460.00	9.37		
160.00	16.33	470.00	9.19		
170.00	16.06	480.00	9.09		
180.00	15.75	490.00	8.99		
190.00	15.46	500.00	8.85		
200.00	15.20	510.00	8.78		
210.00	15.00	520.00	8.64		
220.00	14.65	530.00	8.57		
230.00	14.31	540.00	8.40		
240.00	14.01	550.00	8.21		
250.00	13.72	560.00	7.86		
260.00	13.45	570.00	7.66		
270.00	13.24	580.00	7.54		
280.00	12.94	590.00	7.43		
290.00	12.60	600.00	7.36		
300.00	12.26				

Cruise: GULFCET 05
Latitude: 28° 49.00' N

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

Probe Type: T-20
Date: 25-May-1993 Time: 1711

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.50	310.00	11.60	610.00	7.01	910.00	5.23
10.00	25.39	320.00	11.43	620.00	6.93	920.00	5.20
20.00	25.29	330.00	11.23	630.00	6.86	930.00	5.18
30.00	24.29	340.00	11.04	640.00	6.80	940.00	5.16
40.00	23.63	350.00	10.83	650.00	6.76	950.00	5.12
50.00	22.42	360.00	10.67	660.00	6.68	960.00	5.10
60.00	22.00	370.00	10.47	670.00	6.57	970.00	5.08
70.00	21.58	380.00	10.25	680.00	6.47	980.00	5.03
80.00	21.01	390.00	10.06	690.00	6.36	990.00	4.98
90.00	20.49	400.00	9.98	700.00	6.31		
100.00	20.14	410.00	9.82	710.00	6.23		
110.00	19.55	420.00	9.61	720.00	6.17		
120.00	18.79	430.00	9.38	730.00	6.07		
130.00	17.80	440.00	9.30	740.00	6.00		
140.00	17.39	450.00	9.12	750.00	5.97		
150.00	16.68	460.00	8.96	760.00	5.91		
160.00	16.38	470.00	8.75	770.00	5.84		
170.00	15.77	480.00	8.63	780.00	5.81		
180.00	15.49	490.00	8.50	790.00	5.73		
190.00	15.11	500.00	8.33	800.00	5.69		
200.00	14.74	510.00	8.19	810.00	5.64		
210.00	14.39	520.00	8.06	820.00	5.58		
220.00	14.14	530.00	7.98	830.00	5.54		
230.00	13.82	540.00	7.86	840.00	5.50		
240.00	13.45	550.00	7.69	850.00	5.44		
250.00	13.18	560.00	7.58	860.00	5.40		
260.00	12.94	570.00	7.45	870.00	5.34		
270.00	12.68	580.00	7.33	880.00	5.33		
280.00	12.42	590.00	7.22	890.00	5.29		
290.00	12.14	600.00	7.13	900.00	5.25		
300.00	11.86						

Cruise: GULFCET 05
Latitude: 29° 03.88' N

Station: 14-137
Longitude: 87° 29.84' W

Probe Type: T-20
Date: 25-May-1993 Time: 0319

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.98	310.00	11.49	610.00	6.79
10.00	23.87	320.00	11.27	620.00	6.71
20.00	24.04	330.00	11.10	630.00	6.58
30.00	22.23	340.00	10.90	640.00	6.42
40.00	21.52	350.00	10.69	650.00	6.38
50.00	20.51	360.00	10.65	660.00	6.33
60.00	19.68	370.00	10.40	670.00	6.25
70.00	19.02	380.00	10.25	680.00	6.14
80.00	18.80	390.00	10.01		
90.00	18.42	400.00	9.81		
100.00	18.77	410.00	9.44		
110.00	18.46	420.00	9.20		
120.00	17.99	430.00	9.08		
130.00	17.48	440.00	8.84		
140.00	17.04	450.00	8.65		
150.00	16.79	460.00	8.46		
160.00	16.38	470.00	8.30		
170.00	15.89	480.00	8.17		
180.00	15.44	490.00	8.00		
190.00	15.10	500.00	7.91		
200.00	14.69	510.00	7.82		
210.00	14.31	520.00	7.79		
220.00	13.90	530.00	7.61		
230.00	13.64	540.00	7.51		
240.00	13.27	550.00	7.42		
250.00	12.92	560.00	7.31		
260.00	12.57	570.00	7.18		
270.00	12.34	580.00	7.08		
280.00	12.26	590.00	7.04		
290.00	11.98	600.00	6.97		
300.00	11.66				

Cruise: GULFCET 05
Latitude: 29° 15.02' N

Station: 14-138
Longitude: 87° 29.99' W

Probe Type: T-20
Date: 25-May-1993 Time: 0147

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.22	310.00	11.97	610.00	6.85
10.00	23.81	320.00	11.55	620.00	6.80
20.00	23.27	330.00	11.33	630.00	6.79
30.00	22.68	340.00	11.10	640.00	6.70
40.00	20.56	350.00	10.94	650.00	6.59
50.00	19.79	360.00	10.74	660.00	6.48
60.00	18.97	370.00	10.60	670.00	6.41
70.00	18.59	380.00	10.35	680.00	6.35
80.00	18.50	390.00	10.16	690.00	6.29
90.00	18.36	400.00	9.77	700.00	6.22
100.00	18.11	410.00	9.50	710.00	6.17
110.00	17.85	420.00	9.44	720.00	6.10
120.00	17.82	430.00	9.24	730.00	6.02
130.00	17.59	440.00	9.07	740.00	5.98
140.00	17.44	450.00	8.82	750.00	5.95
150.00	17.24	460.00	8.69	760.00	5.91
160.00	16.82	470.00	8.55	770.00	5.83
170.00	16.49	480.00	8.42	780.00	5.74
180.00	15.90	490.00	8.34	790.00	5.64
190.00	15.41	500.00	8.10		
200.00	15.20	510.00	8.00		
210.00	14.31	520.00	7.96		
220.00	14.00	530.00	7.78		
230.00	13.83	540.00	7.63		
240.00	13.69	550.00	7.56		
250.00	13.44	560.00	7.47		
260.00	13.20	570.00	7.32		
270.00	13.01	580.00	7.19		
280.00	12.62	590.00	7.10		
290.00	12.39	600.00	6.96		
300.00	12.19				

Cruise: GULFCET 05
Latitude: 29° 16.96' N

Station: 14-139
Longitude: 87° 30.04' W

Probe Type: T-7
Date: 25-May-1993 Time: 0130

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.23	310.00	11.83
10.00	23.79	320.00	11.65
20.00	23.37	330.00	11.54
30.00	22.20	340.00	11.29
40.00	20.35		
50.00	19.70		
60.00	18.88		
70.00	18.61		
80.00	18.39		
90.00	18.24		
100.00	17.99		
110.00	17.96		
120.00	17.73		
130.00	17.55		
140.00	17.21		
150.00	17.00		
160.00	16.74		
170.00	16.52		
180.00	15.97		
190.00	15.36		
200.00	15.10		
210.00	14.67		
220.00	14.34		
230.00	13.91		
240.00	13.43		
250.00	13.08		
260.00	12.91		
270.00	12.77		
280.00	12.38		
290.00	12.21		
300.00	12.19		

Cruise: GULFCET 05
Latitude: 29° 20.00' N

Station: 14-140
Longitude: 87° 30.00' W

Probe Type: T-7
Date: 25-May-1993 Time: 0107

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.68	310.00	11.93
10.00	23.88	320.00	11.85
20.00	23.77	330.00	11.73
30.00	23.64	340.00	11.64
40.00	22.09	350.00	11.38
50.00	20.37	360.00	10.97
60.00	19.69	370.00	10.66
70.00	18.75	380.00	10.23
80.00	18.40	390.00	10.08
90.00	18.17	400.00	9.84
100.00	18.01	410.00	9.70
110.00	17.95	420.00	9.53
120.00	18.16	430.00	9.28
130.00	18.07	440.00	9.19
140.00	17.67		
150.00	17.10		
160.00	16.57		
170.00	16.21		
180.00	15.84		
190.00	15.54		
200.00	15.12		
210.00	14.75		
220.00	14.31		
230.00	14.03		
240.00	13.78		
250.00	13.47		
260.00	13.11		
270.00	12.79		
280.00	12.70		
290.00	12.52		
300.00	12.38		

Cruise: GULFCET 05
Latitude: 29° 24.55' N

Station: 14-142
Longitude: 87° 29.94' W

Probe Type: T-10
Date: 25-May-1993 Time: 0025

Depth (m)	Temp. (°C)
0.00	23.73
10.00	23.89
20.00	22.96
30.00	20.94
40.00	20.59
50.00	20.16
60.00	19.37
70.00	19.13
80.00	18.82
90.00	18.23
100.00	18.07
110.00	17.93
120.00	17.89
130.00	17.44
140.00	17.05
150.00	16.46
160.00	15.96
170.00	15.79

6.3 Conductivity/Temperature/Depth (CTD) Data

Cruise 5 CTD Positions

CTD station	Date	Start time	Latitude (north)	Longitude (west)	CTD station	Date	Start time	Latitude (north)	Longitude (west)
03-021	03 Jun 93	0432	27°56.04'	94°49.95'	08-080	29 May 93	0819	27°25.97'	91°30.06'
03-026	02 Jun 93	2352	27°26.07'	94°49.99'	08-086	29 May 93	0215	28°07.52'	91°30.03'
03-029	02 Jun 93	1733	26°45.93'	94°50.03'	09-087	28 May 93	2221	28°09.09'	90°50.09'
03-030	02 Jun 93	1135	26°16.99'	94°49.99'	09-093	28 May 93	1520	27°26.00'	90°50.05'
04-031	02 Jun 93	0722	26°17.02'	94°10.00'	09-096	28 May 93	0909	26°44.66'	90°50.13'
04-033	02 Jun 93	0232	26°46.00'	94°09.98'	10-097	28 May 93	0355	27°09.87'	90°10.03'
04-036	01 Jun 93	2020	27°26.02'	94°09.98'	10-100	27 May 93	2230	27°45.70'	90°10.40'
04-042	01 Jun 93	1350	27°54.07'	94°10.15'	10-105	27 May 93	1747	28°16.04'	90°10.09'
05-043	01 Jun 93	1010	27°59.93'	93°30.00'	11-106	27 May 93	1010	28°45.07'	89°30.12'
05-047	01 Jun 93	0432	27°26.02'	93°29.98'	11-112	27 May 93	0421	28°06.29'	89°29.98'
05-050	31 May 93	2224	26°46.01'	93°29.99'	11-115	26 May 93	2216	27°26.97'	89°30.03'
05-053	31 May 93	1645	26°09.98'	93°30.07'	12-116	26 May 93	1748	27°26.09'	88°49.94'
06-054	31 May 93	1225	26°13.95'	92°49.94'	12-117	26 May 93	1412	27°49.97'	88°50.03'
06-055	31 May 93	0719	26°46.03'	92°50.03'	12-119	26 May 93	0749	28°26.03'	88°49.99'
06-059	31 May 93	0109	27°25.94'	92°50.00'	12-125	26 May 93	0153	29°06.49'	88°50.04'
06-064	30 May 93	1934	28°01.98'	92°50.08'	13-126	25 May 93	2159	29°16.56'	88°10.08'
07-065	30 May 93	1540	28°02.01'	92°10.00'	13-133	25 May 93	1624	28°46.16'	88°09.97'
07-071	30 May 93	0946	27°26.02'	92°10.00'	13-134	25 May 93	1430	28°37.00'	88°10.23'
07-073	30 May 93	0104	26°45.93'	92°10.00'	14-135	25 May 93	0857	28°30.98'	87°29.88'
07-075	29 May 93	2028	26°17.02'	92°10.06'	14-136	25 May 93	0558	28°45.77'	87°30.00'
08-076	29 May 93	1538	26°36.91'	91°29.82'	14-143	24 May 93	2339	29°27.00'	87°30.15'

CTD Data

Cruise: GULFCET 05 **Station:** 03-021
Date: 3-Jun-93 **Time:** 0432 **Lat:** 27 56.04 **Long:** 94 49.95
Depth: 102 m **Wind Dir:** 180 ° **Wind Speed:** 11. m/s **Wave Dir:** 180°
Barometer: 29.71 in. **Air Temp Dry:** 24.1 °C **Air Temp Wet:** 23.1 °C **Secchi Depth:** m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.480	25.478	31.104	20.257	748.65	1531.53	4.950	.182	10.07
20	22.516	22.512	33.855	23.205	466.69	1527.27	5.058	.347	20.14
30	22.371	22.365	35.425	24.438	349.43	1528.79	4.964	.370	30.20
50	19.881	19.872	35.726	25.349	263.39	1522.79	4.174	.311	50.34
75	19.357	19.343	35.851	25.581	242.16	1521.88	4.026	.272	75.52

Cruise: GULFCET 05 **Station:** 03-026
Date: 2-Jun-93 **Time:** 2352 **Lat:** 27 26.07 **Long:** 94 49.99
Depth: 905 m **Wind Dir:** 164.7° **Wind Speed:** 9.5 m/s **Wave Dir:** °
Barometer: 29.76 in **Air Temp Dry:** °C **Air Temp Wet:** °C **Secchi Depth:** m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.391	25.389	33.979	22.453	538.21	1534.40	4.915	.120	10.07
20	24.624	24.620	34.449	23.040	482.46	1533.22	4.999	.105	20.14
30	25.051	25.044	35.564	23.754	414.68	1535.63	4.910	.116	30.20
50	23.858	23.847	36.200	24.594	335.42	1533.74	4.983	.158	50.34
75	20.962	20.947	35.921	25.207	277.81	1526.37	4.211	.380	75.52
100	18.682	18.664	36.369	26.150	188.92	1520.97	3.397	.143	100.69
125	17.168	17.147	36.264	26.445	161.56	1516.86	3.140	.073	125.88
150	16.402	16.377	36.181	26.564	151.01	1514.88	3.094	.055	151.06
200	14.541	14.511	35.902	26.769	132.60	1509.60	3.074	.049	201.44
250	12.874	12.839	35.643	26.917	119.34	1504.69	2.991	.053	251.83
300	11.599	11.560	35.444	27.011	111.19	1500.96	2.952	.054	302.23
400	10.225	10.177	35.248	27.107	103.53	1497.57	2.869	.063	403.07

Cruise: GULFCET 05 **Station:** 03-029
Date: 2-Jun-93 **Time:** 1733 **Lat:** 26 45.93 **Long:** 94 50.03
Depth: 1420 m **Wind Dir:** 184 ° **Wind Speed:** 4.5 m/s **Wave Dir:** 180°
Barometer: 29.76 in. **Air Temp Dry:** °C **Air Temp Wet:** °C **Secchi Depth:** 22 m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.605	25.602	33.588	22.092	572.73	1534.49	4.950	.134	10.07
20	24.937	24.933	33.989	22.598	524.64	1533.49	4.987	.153	20.14
30	24.639	24.633	34.876	23.359	452.40	1533.89	4.967	.154	30.20
50	22.965	22.955	36.106	24.785	317.23	1531.40	4.930	.706	50.34
75	20.996	20.982	36.232	25.435	256.18	1526.81	4.475	.284	75.52
100	19.293	19.275	36.414	26.028	200.64	1522.75	3.747	.115	100.69
125	17.529	17.508	36.320	26.400	165.90	1517.99	3.194	.077	125.88
150	16.270	16.246	36.167	26.584	149.03	1514.46	3.142	.051	151.06
200	14.289	14.259	35.850	26.783	131.16	1508.73	3.158	.048	201.44
250	12.897	12.863	35.640	26.911	120.01	1504.76	2.968	.050	251.83
300	11.580	11.541	35.429	27.003	111.93	1500.88	3.118	.056	302.23
400	9.549	9.503	35.140	27.138	100.06	1495.01	3.067	.060	403.07

Cruise: GULFCET 05 Station: 03-030
 Date: 2-Jun-93 Time: 1135 Lat: 26 16.99 Long: 94 49.99
 Depth: 2000 m Wind Dir: 195 ° Wind Speed: 4.4 m/s Wave Dir: 220°
 Barometer: 29.80 in. Air Temp Dry: 28 °C Air Temp Wet: 25 °C Secchi Depth: 25 m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	24.930	24.928	35.057	23.408	446.96	1534.45	5.051	.091	10.07
20	24.910	24.906	35.614	23.835	406.61	1535.18	5.101	.103	20.14
30	24.725	24.718	35.893	24.102	381.56	1535.20	5.045	.121	30.20
50	22.870	22.860	35.942	24.687	326.46	1530.98	5.340	.217	50.34
75	21.326	21.312	36.078	25.227	275.99	1527.52	5.557	.186	75.52
100	19.547	19.529	36.332	25.899	212.89	1523.37	4.238	.299	100.69
125	18.082	18.060	36.386	26.314	174.13	1519.68	3.497	.137	125.88
150	16.223	16.199	36.143	26.576	149.79	1514.29	3.429	.057	151.06
200	13.947	13.918	35.815	26.829	126.73	1507.58	3.285	.051	201.44
250	12.681	12.647	35.611	26.931	117.97	1504.01	3.238	.049	251.83
300	11.559	11.521	35.440	27.016	110.70	1500.82	3.185	.053	302.23
400	9.046	9.002	35.096	27.186	95.12	1493.12	3.269	.056	403.07
500	7.079	7.031	34.922	27.347	79.99	1487.15	3.698	.057	503.96

Cruise: GULFCET 05 Station: 04-031
 Date: 2-Jun-93 Time: 0722 Lat: 26 17.02 Long: 94 10.00
 Depth: 2000 m Wind Dir: 183 ° Wind Speed: 4.8 m/s Wave Dir: °
 Barometer: 29.78 in. Air Temp Dry: 23.4 °C Air Temp Wet: 22.6 °C Secchi Depth: 30 m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.484	25.481	34.936	23.147	471.86	1535.65	4.866	.107	10.07
20	24.862	24.858	35.751	23.953	395.35	1535.21	4.879	.084	20.14
30	22.876	22.870	35.773	24.557	338.10	1530.47	5.238	.090	30.20
50	21.364	21.354	36.066	25.207	276.92	1527.19	5.351	.129	50.34
75	19.943	19.929	36.262	25.741	227.01	1523.98	4.564	.387	75.52
100	17.631	17.614	36.330	26.383	166.67	1517.88	3.226	.204	100.69
125	15.783	15.763	36.084	26.633	143.56	1512.45	3.264	.097	125.88
150	14.570	14.548	35.905	26.765	131.54	1508.86	3.203	.057	151.06
200	12.906	12.879	35.650	26.916	118.13	1503.97	3.062	.053	201.44
250	11.323	11.292	35.422	27.046	106.55	1499.15	3.076	.057	251.83
300	10.125	10.089	35.236	27.115	100.52	1495.54	3.079	.056	302.23
400	8.670	8.626	35.053	27.212	92.36	1491.67	3.169	.061	403.07
500	7.276	7.227	34.926	27.322	82.50	1487.91	3.381	.062	503.96

Cruise: GULFCET 05 Station: 04-033
 Date: 2-Jun-93 Time: 0232 Lat: 26 46.00 Long: 94 09.98
 Depth: 1350 m Wind Dir: 200 ° Wind Speed: 4.5 m/s Wave Dir: °
 Barometer: 29.77 in. Air Temp Dry: 23 °C Air Temp Wet: 22 °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.057	25.055	35.267	23.528	435.49	1534.99	4.934	.112	10.07
20	24.067	24.062	35.575	24.058	385.26	1533.07	5.114	.096	20.14
30	23.186	23.179	35.773	24.468	346.58	1531.26	5.150	.095	30.20
50	21.703	21.693	36.170	25.192	278.41	1528.20	5.334	.132	50.34
75	20.180	20.165	36.277	25.689	231.94	1524.64	4.765	.313	75.52
100	18.203	18.186	36.406	26.300	174.66	1519.64	3.215	.176	100.69
125	16.637	16.616	36.224	26.542	152.30	1515.22	3.147	.105	125.88
150	15.564	15.540	36.063	26.666	141.11	1512.17	3.246	.064	151.06
200	13.752	13.723	35.773	26.838	125.82	1506.90	3.268	.055	201.44
250	12.159	12.126	35.517	26.961	114.94	1502.14	3.130	.056	251.83
300	10.920	10.882	35.341	27.056	106.54	1498.48	3.061	.061	302.23
400	9.264	9.218	35.120	27.170	96.83	1493.94	3.052	.061	403.07

Cruise: GULFCET 05 Station: 04-036
 Date: 1-Jun-93 Time: 2020 Lat: 27 26.02 Long: 94 09.98
 Depth: 826 m Wind Dir: 39 ° Wind Speed: 3.7 m/s Wave Dir: °
 Barometer: 29.82 in. Air Temp Dry: °C Air Temp Wet: °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	24.955	24.952	34.194	22.748	509.99	1533.58	4.964	.111	10.07
20	24.129	24.125	34.885	23.518	436.83	1532.48	5.064	.104	20.14
30	22.647	22.641	35.567	24.467	346.71	1529.66	5.272	.113	30.20
50	20.725	20.715	35.781	25.165	280.89	1525.16	5.333	.202	50.34
75	19.617	19.603	36.226	25.799	221.44	1523.03	4.284	.359	75.52
100	18.291	18.274	36.356	26.240	180.40	1519.84	3.299	.162	100.69
125	16.641	16.621	36.207	26.528	153.67	1515.21	3.188	.085	125.88
150	15.874	15.850	36.105	26.628	144.79	1513.18	3.269	.064	151.06
200	13.874	13.845	35.784	26.821	127.49	1507.31	3.232	.055	201.44
250	12.510	12.476	35.568	26.932	117.82	1503.38	3.198	.055	251.83
300	11.207	11.169	35.368	27.025	109.66	1499.52	3.143	.059	302.23
400	9.514	9.468	35.135	27.140	99.82	1494.87	3.067	.061	403.07

Cruise: GULFCET 05 Station: 04-042
 Date: 1-Jun-93 Time: 1350 Lat: 27 54.07 Long: 94 10.15
 Depth: 96 m Wind Dir: 32.5 ° Wind Speed: 5.3 m/s Wave Dir: 30 °
 Barometer: 29.83 in. Air Temp Dry: °C Air Temp Wet: °C Secchi Depth: 27 m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	24.705	24.703	34.028	22.697	514.81	1532.80	5.005	.136	10.07
20	24.046	24.041	35.272	23.835	406.54	1532.69	4.997	.142	20.14
30	22.358	22.352	35.646	24.609	333.10	1529.00	5.246	.139	30.20
50	20.608	20.599	36.006	25.368	261.61	1525.09	5.189	.458	50.34
75	19.323	19.310	36.041	25.735	227.52	1522.00	4.527	.346	75.52

Cruise: GULFCET 05 Station: 05-043
 Date: 1-Jun-93 Time: 1010 Lat: 27 59.93 Long: 93 30.00
 Depth: 94 m Wind Dir: 30 ° Wind Speed: 21 m/s Wave Dir: 30 °
 Barometer: 29.84 in. Air Temp Dry: 24 °C Air Temp Wet: 21 °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	24.989	24.987	34.572	23.023	483.68	1534.07	5.157	.101	10.07
20	23.350	23.346	35.317	24.074	383.71	1531.01	5.373	.101	20.14
30	21.723	21.717	35.448	24.637	330.46	1527.12	5.541	.120	30.20
50	21.631	21.621	36.192	25.228	274.93	1528.04	5.473	.170	50.34
75	19.455	19.441	36.148	25.783	223.01	1522.49	4.639	.403	75.52

Cruise: GULFCET 05 Station: 05-047
 Date: 1-Jun-93 Time: 0432 Lat: 26.02 Long: 93 29.98
 Depth: 575 m Wind Dir: ° Wind Speed: m/s Wave Dir: °
 Barometer: in. Air Temp Dry: °C Air Temp Wet: °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	24.910	24.907	35.117	23.459	442.08	1534.47	4.896	.112	10.07
20	24.454	24.450	35.354	23.775	412.24	1533.79	4.996	.096	20.14
30	23.036	23.030	35.920	24.623	331.84	1531.04	5.213	.100	30.20
50	22.178	22.168	36.034	24.955	300.98	1529.29	5.340	.125	50.34
75	20.499	20.485	36.247	25.581	242.26	1525.48	4.918	.265	75.52
100	18.783	18.765	36.467	26.200	184.24	1521.37	3.643	.192	100.69
125	17.105	17.084	36.256	26.454	160.70	1516.66	3.364	.131	125.88
150	16.693	16.668	36.210	26.518	155.41	1515.79	3.315	.088	151.06
200	15.134	15.103	35.982	26.700	139.29	1511.57	3.294	.057	201.44
250	13.026	12.991	35.644	26.887	122.26	1505.19	3.382	.055	251.83
300	11.620	11.581	35.441	27.005	111.73	1501.03	3.283	.060	302.23
400	9.652	9.606	35.151	27.130	100.94	1495.40	3.172	.062	403.07
500	8.125	8.073	34.963	27.226	92.44	1491.19	3.271	.065	503.96

Cruise: GULFCET 05 Station: 05-050
 Date: 31-May-93 Time: 2224 Lat: 26 46.01 Long: 93 29.99
 Depth: 1470 m Wind Dir: 3.8 ° Wind Speed: 4.4 m/s Wave Dir: °
 Barometer: 29.81 in. Air Temp Dry: 24.5 °C Air Temp Wet: 23.5 °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.095	25.093	34.661	23.058	480.33	1534.43	4.864	.139	10.07
20	24.676	24.672	35.852	24.085	382.71	1534.87	4.954	.132	20.14
30	22.991	22.985	35.932	24.645	329.73	1530.94	5.192	.128	30.20
50	21.560	21.551	36.086	25.168	280.67	1527.73	5.313	.167	50.34
75	20.079	20.065	36.290	25.727	228.41	1524.38	5.106	.333	75.52
100	17.919	17.902	36.343	26.322	172.49	1518.74	3.289	.175	100.69
125	16.350	16.330	36.165	26.564	150.17	1514.28	3.180	.095	125.88
150	15.363	15.340	36.023	26.681	139.70	1511.50	3.120	.054	151.06
200	13.764	13.735	35.773	26.835	126.07	1506.94	3.053	.053	201.44
250	11.890	11.857	35.478	26.982	112.81	1501.17	3.088	.056	251.83
300	10.806	10.769	35.331	27.069	105.21	1498.07	2.981	.056	302.23
400	8.999	8.954	35.093	27.191	94.61	1492.94	3.097	.062	403.07

Cruise: GULFCET 05 Station: 05-053
 Date: 31-May-93 Time: 1645 Lat: 26 09.98 Long: 93 30.07
 Depth: 2000 m Wind Dir: 22.4 ° Wind Speed: 4.3 m/s Wave Dir: 10 °
 Barometer: 29.75 in. Air Temp Dry: 24.8 °C Air Temp Wet: 22.5 °C Secchi Depth: 26 m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.372	25.370	35.396	23.528	435.45	1535.88	4.822	.176	10.07
20	24.870	24.866	35.660	23.882	402.13	1535.13	4.920	.103	20.14
30	23.240	23.234	35.984	24.612	332.88	1531.63	5.160	.111	30.20
50	21.421	21.411	36.145	25.251	272.77	1527.43	5.329	.147	50.34
75	19.951	19.937	36.294	25.764	224.85	1524.03	4.897	.306	75.52
100	18.351	18.334	36.348	26.218	182.47	1520.00	3.489	.163	100.69
125	16.127	16.107	36.127	26.586	148.02	1513.56	3.071	.103	125.88
150	14.565	14.543	35.888	26.753	132.64	1508.82	3.012	.060	151.06
200	11.832	11.806	35.476	26.992	110.57	1500.14	3.061	.056	201.44
250	10.230	10.200	35.248	27.106	100.30	1495.10	3.105	.060	251.83
300	9.336	9.302	35.123	27.160	95.77	1492.55	3.132	.062	302.23
400	7.882	7.841	34.978	27.274	85.87	1488.63	3.174	.063	403.07

Cruise: GULFCET 05 Station: 06-054
 Date: 31-May-93 Time: 1225 Lat: 26 13.95 Long: 92 49.94
 Depth: 2000 m Wind Dir: 318 ° Wind Speed: 6.3 m/s Wave Dir: 310°
 Barometer: 29.80 in. Air Temp Dry: 23.5 °C Air Temp Wet: 22.5 °C Secchi Depth: 26 m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.804	25.802	35.605	23.553	433.11	1537.13	4.696	.095	10.07
20	26.099	26.095	35.988	23.750	414.76	1538.39	4.656	.088	20.14
30	24.816	24.809	35.885	24.068	384.77	1535.41	4.816	.100	30.20
50	22.671	22.660	36.110	24.872	308.87	1530.65	4.694	.622	50.34
75	19.928	19.914	36.379	25.834	218.18	1524.07	3.626	.277	75.52
100	17.842	17.825	36.363	26.357	169.22	1518.54	3.213	.097	100.69
125	16.256	16.236	36.154	26.577	148.89	1513.99	3.093	.056	125.88
150	15.238	15.215	36.002	26.693	138.52	1511.08	3.132	.055	151.06
200	13.259	13.231	35.693	26.878	121.84	1505.19	3.025	.053	201.44
250	11.605	11.573	35.441	27.008	110.27	1500.15	2.995	.057	251.83
300	10.407	10.371	35.264	27.088	103.23	1496.58	3.039	.059	302.23
400	8.926	8.882	35.083	27.196	94.16	1492.66	2.932	.063	403.07

Cruise: GULFCET 05 Station: 06-055
 Date: 31-May-93 Time: 0719 Lat: 26 46.03 Long: 92 50.03
 Depth: 1745 m Wind Dir: 60 ° Wind Speed: 2.4 m/s Wave Dir: 320°
 Barometer: 29.77 in. Air Temp Dry: 24.5 °C Air Temp Wet: 25.2 °C Secchi Depth: 26 m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.416	25.414	35.015	23.227	464.17	1535.57	4.880	.104	10.07
20	24.975	24.970	35.685	23.869	403.38	1535.41	4.798	.090	20.14
30	23.686	23.679	35.843	24.374	355.54	1532.59	5.024	.091	30.20
50	21.574	21.564	36.056	25.141	283.21	1527.73	5.127	.144	50.34
75	19.872	19.858	36.319	25.803	221.11	1523.84	4.000	.267	75.52
100	18.224	18.207	36.358	26.258	178.69	1519.64	3.266	.157	100.69
125	16.658	16.637	36.225	26.537	152.76	1515.29	3.200	.093	125.88
150	15.618	15.594	36.073	26.662	141.55	1512.35	3.207	.065	151.06
200	13.865	13.836	35.800	26.835	126.16	1507.30	3.216	.050	201.44
250	12.413	12.379	35.567	26.950	116.05	1503.05	3.138	.056	251.83
300	11.501	11.462	35.424	27.014	110.86	1500.60	3.059	.058	302.23
400	9.526	9.480	35.162	27.159	98.09	1494.95	2.988	.060	403.07

Cruise: GULFCET 05 Station: 06-059
 Date: 31-May-93 Time: 0109 Lat: 27 25.94 Long: 92 50.00
 Depth: 1035 m Wind Dir: ° Wind Speed: m/s Wave Dir: °
 Barometer: in. Air Temp Dry: °C Air Temp Wet: °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	24.906	24.904	35.783	23.964	393.90	1535.18	4.872	.093	10.07
20	24.776	24.772	36.154	24.284	363.79	1535.43	4.905	.088	20.14
30	23.884	23.878	36.209	24.593	334.68	1533.48	5.039	.094	30.20
50	22.742	22.732	36.216	24.933	303.13	1530.95	5.220	.133	50.34
75	20.377	20.363	36.405	25.735	227.65	1525.33	4.567	.345	75.52
100	19.044	19.026	36.484	26.146	189.38	1522.13	3.737	.191	100.69
125	17.384	17.363	36.320	26.436	162.45	1517.56	3.527	.133	125.88
150	16.067	16.043	36.139	26.609	146.63	1513.81	3.496	.070	151.06
200	14.468	14.438	35.889	26.775	132.03	1509.35	3.461	.056	201.44
250	12.905	12.870	35.620	26.893	121.65	1504.77	3.332	.056	251.83
300	11.467	11.428	35.410	27.010	111.23	1500.47	3.268	.059	302.23
400	9.446	9.401	35.122	27.141	99.71	1494.61	3.176	.061	403.07
500	7.666	7.615	34.932	27.270	87.77	1489.41	3.319	.064	503.96

Cruise: GULFCET 05 **Station:** 06-064
Date: 30-May-93 **Time:** 1934 **Lat:** 28 01.98 **Long:** 92 50.08
Depth: 96 m **Wind Dir:** 107 ° **Wind Speed:** 3.6 m/s **Wave Dir:** 90 °
Barometer: 29.79 in. **Air Temp Dry:** °C **Air Temp Wet:** °C **Secchi Depth:** 37 m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.234	25.231	36.180	24.164	374.87	1536.39	4.855	.083	10.07
20	24.899	24.894	36.180	24.266	365.47	1535.76	4.875	.077	20.14
30	23.916	23.909	36.235	24.604	333.71	1533.59	5.055	.089	30.20
50	22.771	22.761	36.401	25.064	290.61	1531.23	5.165	.117	50.34
75	20.237	20.223	36.319	25.706	230.32	1524.85	4.588	.477	75.52

Cruise: GULFCET 05 **Station:** 07-065
Date: 30-May-93 **Time:** 1540 **Lat:** 28 02.01 **Long:** 92 10.00
Depth: 101 m **Wind Dir:** 85 ° **Wind Speed:** 2.8 m/s **Wave Dir:** 90 °
Barometer: 29.82 in. **Air Temp Dry:** 26 °C **Air Temp Wet:** 23.5 °C **Secchi Depth:** 27 m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.047	25.045	36.116	24.172	374.01	1535.88	4.776	.093	10.07
20	24.789	24.785	36.099	24.238	368.14	1535.41	4.832	.085	20.14
30	23.481	23.475	36.215	24.717	322.92	1532.48	5.078	.092	30.20
50	22.561	22.551	36.295	25.045	292.47	1530.57	5.182	.116	50.34
75	20.828	20.814	36.501	25.686	232.35	1526.66	4.460	.416	75.52

Cruise: GULFCET 05 **Station:** 07-071
Date: 30-May-93 **Time:** 0946 **Lat:** 27 26.02 **Long:** 92 10.00
Depth: 814 m **Wind Dir:** 42 ° **Wind Speed:** 3.3 m/s **Wave Dir:**
Barometer: 29.88 in. **Air Temp Dry:** 26 °C **Air Temp Wet:** 24 °C **Secchi Depth:** 30 m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.088	25.085	35.920	24.012	389.31	1535.76	4.911	.083	10.07
20	24.690	24.686	36.083	24.256	366.46	1535.15	4.978	.074	20.14
30	23.396	23.390	36.257	24.774	317.50	1532.32	5.232	.085	30.20
50	22.232	22.222	36.293	25.137	283.68	1529.72	5.384	.113	50.34
75	20.723	20.709	36.450	25.675	233.33	1526.32	4.789	.312	75.52
100	19.582	19.564	36.625	26.113	192.55	1523.80	3.917	.189	100.69
125	18.400	18.378	36.513	26.332	172.55	1520.75	3.884	.111	125.88
150	17.406	17.380	36.370	26.469	160.21	1518.10	4.050	.063	151.06
200	15.524	15.493	36.063	26.675	141.82	1512.88	3.652	.055	201.44
250	13.524	13.488	35.732	26.854	125.66	1506.94	3.576	.053	251.83
300	12.185	12.145	35.518	26.956	116.63	1503.06	3.451	.057	302.23
400	9.993	9.946	35.196	27.107	103.36	1496.68	3.289	.062	403.07
500	8.430	8.376	34.999	27.208	94.42	1492.38	3.305	.062	503.96

Cruise: GULFCET 05 Station: 07-073
 Date: 30-May-93 Time: 0104 Lat: 26 45.93 Long: 92 10.00
 Depth: 1800 m Wind Dir: ° Wind Speed: m/s Wave Dir: °
 Barometer: in. Air Temp Dry: °C Air Temp Wet: °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.450	25.448	36.102	24.038	386.86	1536.82	4.755	.077	10.07
20	24.805	24.800	36.037	24.187	373.06	1535.38	4.852	.075	20.14
30	23.722	23.716	36.129	24.580	335.92	1532.99	4.994	.122	30.20
50	22.752	22.741	36.397	25.067	290.35	1531.17	5.096	.109	50.34
75	20.594	20.580	36.254	25.561	244.17	1525.75	5.093	.220	75.52
100	19.688	19.669	36.364	25.887	214.04	1523.80	4.350	.254	100.69
125	17.625	17.603	36.346	26.398	166.17	1518.30	3.419	.150	125.88
150	16.488	16.463	36.210	26.566	150.84	1515.17	3.445	.089	151.06
200	14.699	14.668	35.923	26.751	134.35	1510.12	3.302	.056	201.44
250	13.001	12.966	35.649	26.896	121.40	1505.12	3.184	.055	251.83
300	11.905	11.865	35.479	26.980	114.22	1502.06	3.129	.059	302.23
400	9.638	9.592	35.151	27.132	100.71	1495.34	3.113	.066	403.07
500	8.008	7.956	34.965	27.245	90.50	1490.75	3.037	.069	503.96

Cruise: GULFCET 05 Station: 07-075
 Date: 29-May-93 Time: 2028 Lat: 26 17.02 Long: 92 10.06
 Depth: 2000 m Wind Dir: 43 ° Wind Speed: 5.2 m/s Wave Dir: °
 Barometer: 29.90 in. Air Temp Dry: 25.2 °C Air Temp Wet: 24 °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	26.609	26.606	36.056	23.640	424.79	1539.47	4.587	.059	10.07
20	25.989	25.985	36.049	23.830	407.08	1538.20	4.638	.060	20.14
30	25.441	25.434	36.089	24.031	388.30	1537.13	4.689	.072	30.20
50	23.629	23.618	36.253	24.702	325.14	1533.23	5.011	.094	50.34
75	21.437	21.422	36.062	25.184	280.11	1527.80	5.230	.170	75.52
100	20.001	19.983	36.306	25.759	226.21	1524.61	4.358	.261	100.69
125	17.623	17.602	36.314	26.373	168.49	1518.26	3.175	.123	125.88
150	16.534	16.509	36.201	26.548	152.49	1515.30	3.122	.060	151.06
200	14.328	14.298	35.864	26.786	130.93	1508.87	3.089	.050	201.44
250	12.790	12.755	35.620	26.917	119.39	1504.38	2.986	.055	251.83
300	11.244	11.206	35.389	27.034	108.78	1499.67	2.903	.056	302.23
400	9.727	9.681	35.178	27.138	100.21	1495.70	2.910	.063	403.07

Cruise: GULFCET 05 Station: 08-076
 Date: 29-May-93 Time: 1538 Lat: 26 36.91 Long: 91 29.82
 Depth: 2000 m Wind Dir: 52.8 ° Wind Speed: 4.1 m/s Wave Dir: 80 °
 Barometer: 29.90 in. Air Temp Dry: 26 °C Air Temp Wet: 24.5 °C Secchi Depth: 28 m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.172	25.170	35.862	23.942	396.00	1535.90	4.986	.145	10.07
20	24.925	24.921	36.333	24.374	355.22	1535.99	5.009	.087	20.14
30	24.695	24.688	36.344	24.452	348.15	1535.61	5.001	.098	30.20
50	21.560	21.550	36.388	25.398	258.81	1528.06	5.192	.221	50.34
75	19.822	19.808	36.471	25.933	208.81	1523.88	4.138	.285	75.52
100	17.881	17.863	36.361	26.346	170.29	1518.65	3.527	.178	100.69
125	16.415	16.395	36.187	26.565	150.05	1514.51	3.386	.092	125.88
150	15.264	15.241	36.008	26.691	138.68	1511.17	3.379	.067	151.06
200	13.509	13.480	35.730	26.855	124.10	1506.06	3.193	.055	201.44
250	12.167	12.134	35.520	26.962	114.86	1502.17	3.273	.058	251.83
300	11.090	11.052	35.352	27.034	108.75	1499.09	3.198	.063	302.23
400	9.036	8.992	35.076	27.172	96.42	1493.06	3.086	.065	403.07

Cruise: GULFCET 05 Station: 08-080
 Date: 29-May-93 Time: 0819 Lat: 27 25.97 Long: 91 30.06
 Depth: 950 m Wind Dir: 83 ° Wind Speed: 5.7 m/s Wave Dir: 300°
 Barometer: 29.97 in. Air Temp Dry: 26 °C Air Temp Wet: 24.2 °C Secchi Depth: 30 m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.016	25.014	36.109	24.177	373.60	1535.80	4.858	.083	10.07
20	24.731	24.726	36.208	24.339	358.56	1535.38	4.900	.087	20.14
30	23.815	23.808	36.405	24.762	318.62	1533.52	4.950	.100	30.20
50	22.645	22.634	36.605	25.256	272.41	1531.13	4.542	.379	50.34
75	20.499	20.484	36.481	25.760	225.29	1525.74	4.006	.189	75.52
100	17.990	17.972	36.383	26.335	171.30	1518.99	3.475	.127	100.69
125	16.678	16.657	36.217	26.527	153.76	1515.34	3.191	.091	125.88
150	15.604	15.580	36.063	26.657	141.97	1512.29	3.292	.061	151.06
200	13.555	13.526	35.728	26.844	125.20	1506.20	3.539	.055	201.44
250	12.081	12.048	35.494	26.958	115.14	1501.84	3.410	.055	251.83
300	11.147	11.109	35.347	27.020	110.10	1499.28	3.304	.061	302.23
400	9.856	9.809	35.161	27.103	103.61	1496.14	3.224	.062	403.07

Cruise: GULFCET 05 Station: 08-086
 Date: 29-May-93 Time: 0215 Lat: 28 07.52 Long: 91 30.03
 Depth: 100 m Wind Dir: 87 ° Wind Speed: 8 m/s Wave Dir: °
 Barometer: 29.94 in. Air Temp Dry: 24.2 °C Air Temp Wet: 23 °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.038	25.036	36.212	24.248	366.85	1535.96	4.723	.100	10.07
20	24.827	24.822	36.292	24.373	355.30	1535.71	4.786	.099	20.14
30	24.208	24.202	36.290	24.558	338.07	1534.37	4.814	.111	30.20
50	22.745	22.735	36.638	25.252	272.77	1531.42	4.616	.328	50.34
75	19.733	19.719	36.203	25.751	225.99	1523.33	3.853	.255	75.52
100	19.266	19.248	36.287	25.938	209.17	1522.54	0.000	.203	100.69

Cruise: GULFCET 05 Station: 09-087
 Date: 28-May-93 Time: 2221 Lat: 28 09.09 Long: 90 50.09
 Depth: 99 m Wind Dir: ° Wind Speed: m/s Wave Dir: °
 Barometer: 29.96 in. Air Temp Dry: °C Air Temp Wet: °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.430	25.428	36.225	24.137	377.35	1536.91	4.689	.151	10.07
20	25.103	25.099	36.228	24.240	367.99	1536.30	4.711	.108	20.14
30	24.417	24.411	36.303	24.505	343.11	1534.89	4.830	.141	30.20
50	22.427	22.416	36.407	25.168	280.70	1530.35	4.683	.383	50.34
75	20.786	20.771	36.403	25.622	238.35	1526.43	4.383	.265	75.52

Cruise: GULFCET 05 Station: 09-093
 Date: 28-May-93 Time: 1520 Lat: 27 26.00 Long: 90 50.05
 Depth: 1300 m Wind Dir: 63.6 ° Wind Speed: 8.1 m/s Wave Dir: 55 °
 Barometer: 29.95 in. Air Temp Dry: 25.2 °C Air Temp Wet: 23 °C Secchi Depth: 27 m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.039	25.037	35.949	24.048	385.85	1535.68	4.698	.082	10.07
20	24.873	24.869	36.293	24.359	356.61	1535.82	4.738	.084	20.14
30	24.678	24.671	36.309	24.431	350.20	1535.53	4.779	.103	30.20
50	22.307	22.297	36.264	25.093	287.82	1529.88	5.159	.176	50.34
75	20.305	20.291	36.336	25.701	230.83	1525.05	4.755	.318	75.52
100	18.552	18.534	36.398	26.206	183.65	1520.63	3.662	.192	100.69
125	16.749	16.728	36.219	26.511	155.25	1515.55	3.605	.115	125.88
150	15.076	15.052	35.971	26.705	137.32	1510.54	3.548	.079	151.06
200	13.124	13.096	35.671	26.888	120.88	1504.72	3.373	.061	201.44
250	11.539	11.507	35.419	27.003	110.69	1499.89	3.290	.060	251.83
300	10.226	10.190	35.227	27.090	102.89	1495.89	3.159	.062	302.23
400	8.485	8.442	35.011	27.209	92.56	1490.93	3.151	.067	403.07

Cruise: GULFCET 05 Station: 09-096
 Date: 28-May-93 Time: 0909 Lat: 26 44.66 Long: 90 50.13
 Depth: 2000 m Wind Dir: 71 ° Wind Speed: 9.6 m/s Wave Dir: 260 °
 Barometer: 29.96 in. Air Temp Dry: °C Air Temp Wet: °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	24.762	24.760	36.172	24.301	361.71	1535.25	4.890	.080	10.07
20	24.685	24.680	36.179	24.331	359.34	1535.24	4.943	.084	20.14
30	23.172	23.166	36.149	24.757	319.07	1531.63	5.311	.104	30.20
50	21.848	21.838	36.216	25.186	278.94	1528.63	5.453	.153	50.34
75	20.339	20.324	36.256	25.631	237.49	1525.06	5.077	.279	75.52
100	19.446	19.428	36.372	25.956	207.47	1523.14	4.027	.205	100.69
125	16.620	16.599	36.207	26.532	153.22	1515.15	3.340	.132	125.88
150	15.439	15.415	36.034	26.672	140.52	1511.75	3.291	.072	151.06
200	13.355	13.326	35.713	26.874	122.31	1505.53	3.267	.057	201.44
250	11.997	11.964	35.516	26.991	111.96	1501.58	3.160	.060	251.83
300	10.663	10.626	35.300	27.071	105.00	1497.53	3.166	.062	302.23
400	8.781	8.737	35.047	27.190	94.56	1492.08	3.193	.069	403.07

Cruise: GULFCET 05 Station: 10-097
 Date: 28-May-93 Time: 0355 Lat: 27 09.87 Long: 90 10.03
 Depth: 2000 m Wind Dir: ° Wind Speed: m/s Wave Dir: °
 Barometer: in. Air Temp Dry: °C Air Temp Wet: °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.040	25.038	35.972	24.066	384.17	1535.71	4.685	.082	10.07
20	24.966	24.962	36.040	24.140	377.51	1535.77	4.724	.086	20.14
30	23.338	23.331	36.060	24.641	330.09	1531.95	4.980	.110	30.20
50	21.786	21.777	36.188	25.183	279.30	1528.44	5.085	.194	50.34
75	20.251	20.237	36.361	25.734	227.68	1524.93	4.434	.363	75.52
100	18.617	18.599	36.436	26.219	182.42	1520.86	3.499	.184	100.69
125	16.897	16.876	36.259	26.507	155.70	1516.04	3.397	.100	125.88
150	16.163	16.138	36.149	26.595	148.00	1514.11	3.339	.065	151.06
200	14.523	14.493	35.885	26.760	133.44	1509.52	3.335	.061	201.44
250	12.817	12.783	35.613	26.905	120.46	1504.46	3.271	.061	251.83
300	11.626	11.588	35.435	26.999	112.34	1501.05	3.211	.060	302.23
400	9.456	9.410	35.123	27.140	99.82	1494.65	3.122	.065	403.07
500	7.983	7.931	34.958	27.244	90.61	1490.64	3.200	.070	503.96

Cruise: GULFCET 05 Station: 10-100
 Date: 27-May-93 Time: 2230 Lat: 27 45.70 Long: 90 10.40
 Depth: 800 m Wind Dir: 99.7 ° Wind Speed: 7 m/s Wave Dir: °
 Barometer: 29.96 in. Air Temp Dry: 25 °C Air Temp Wet: 23.5 °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.231	25.229	36.237	24.208	370.63	1536.45	4.736	.085	10.07
20	24.990	24.985	36.198	24.252	366.86	1536.00	4.752	.088	20.14
30	23.627	23.621	36.232	24.687	325.81	1532.87	4.964	.114	30.20
50	22.011	22.001	36.220	25.143	283.02	1529.07	5.126	.220	50.34
75	20.226	20.212	36.306	25.699	231.02	1524.80	4.315	.125	75.52
100	18.321	18.303	36.457	26.310	173.77	1520.04	3.477	.104	100.69
125	17.012	16.991	36.291	26.504	155.99	1516.42	3.640	.070	125.88
150	16.047	16.023	36.126	26.605	147.06	1513.73	3.421	.060	151.06
200	14.298	14.268	35.859	26.789	130.68	1508.77	3.182	.053	201.44
250	12.632	12.598	35.577	26.914	119.51	1503.80	3.424	.056	251.83
300	11.465	11.426	35.399	27.001	111.99	1500.45	3.324	.058	302.23
400	9.399	9.354	35.112	27.142	99.63	1494.43	3.185	.062	403.07
500	8.090	8.038	34.980	27.245	90.59	1491.08	0.000	.064	503.96

Cruise: GULFCET 05 Station: 10-105
 Date: 27-May-93 Time: 1747 Lat: 28 16.04 Long: 90 10.09
 Depth: 93 m Wind Dir: 109.4° Wind Speed: 5.6 m/s Wave Dir: °
 Barometer: 29.95 in. Air Temp Dry: 25 °C Air Temp Wet: 23.5 °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	24.890	24.888	34.894	23.296	457.63	1534.18	5.044	.615	10.07
20	24.959	24.955	35.931	24.060	385.15	1535.64	4.877	.338	20.14
30	23.211	23.205	36.116	24.721	322.52	1531.70	4.872	.365	30.20
50	22.095	22.084	36.223	25.122	285.02	1529.29	4.909	.112	50.34
75	19.699	19.685	36.329	25.857	215.98	1523.37	3.594	.100	75.52

Cruise: GULFCET 05 Station: 11-106
 Date: 27-May-93 Time: 1010 Lat: 28 45.07 Long: 89 30.12
 Depth: 96 m Wind Dir: ° Wind Speed: m/s Wave Dir: °
 Barometer: in. Air Temp Dry: °C Air Temp Wet: °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	24.818	24.816	34.665	23.145	472.04	1533.76	4.816	.347	10.07
20	24.982	24.977	36.239	24.285	363.66	1536.02	4.746	.197	20.14
30	23.547	23.540	36.189	24.678	326.63	1532.62	4.921	.189	30.20
50	21.140	21.131	36.214	25.381	260.37	1526.76	4.807	.268	50.34
75	20.342	20.328	36.451	25.779	223.43	1525.28	3.905	.117	75.52

Cruise: GULFCET 05 Station: 11-112
 Date: 27-May-93 Time: 0421 Lat: 28 06.29 Long: 89 29.98
 Depth: 1075 m Wind Dir: ° Wind Speed: m/s Wave Dir: °
 Barometer: in. Air Temp Dry: °C Air Temp Wet: °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.480	25.478	36.247	24.139	377.23	1537.05	4.587	.121	10.07
20	25.427	25.422	36.302	24.196	372.16	1537.15	4.603	.119	20.14
30	23.390	23.384	36.296	24.805	314.52	1532.34	4.878	.142	30.20
50	20.986	20.976	36.156	25.380	260.50	1526.28	5.012	.207	50.34
75	20.424	20.410	36.691	25.940	208.18	1525.77	3.879	.268	75.52
100	18.271	18.254	36.484	26.342	170.66	1519.92	3.731	.121	100.69
125	17.184	17.163	36.331	26.493	157.08	1516.98	3.798	.079	125.88
150	16.399	16.375	36.199	26.578	149.63	1514.89	3.783	.058	151.06
200	14.665	14.634	35.918	26.755	133.97	1510.01	3.679	.052	201.44
250	13.295	13.260	35.686	26.865	124.45	1506.14	3.510	.055	251.83
300	11.800	11.761	35.455	26.981	114.09	1501.67	3.266	.056	302.23
400	9.874	9.827	35.178	27.113	102.70	1496.23	3.168	.062	403.07

Cruise: GULFCET 05 Station: 11-115
 Date: 26-May-93 Time: 2216 Lat: 27 26.97 Long: 89 30.03
 Depth: 2000 m Wind Dir: 80 ° Wind Speed: 6.7 m/s Wave Dir: °
 Barometer: 29.97 in. Air Temp Dry: 25.5 °C Air Temp Wet: 23 °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.711	25.709	36.338	24.136	377.53	1537.69	4.703	.093	10.07
20	25.711	25.706	36.339	24.136	377.90	1537.86	4.712	.091	20.14
30	24.368	24.362	36.413	24.603	333.75	1534.89	4.804	.121	30.20
50	22.015	22.005	36.231	25.150	282.36	1529.09	5.030	.161	50.34
75	20.251	20.237	36.340	25.718	229.19	1524.91	4.526	.301	75.52
100	18.775	18.757	36.431	26.174	186.65	1521.31	3.405	.192	100.69
125	16.959	16.938	36.254	26.488	157.46	1516.22	3.346	.092	125.88
150	16.084	16.060	36.145	26.610	146.56	1513.87	3.674	.067	151.06
200	14.282	14.252	35.853	26.787	130.82	1508.71	3.355	.057	201.44
250	12.581	12.547	35.579	26.926	118.41	1503.63	3.436	.054	251.83
300	11.496	11.458	35.420	27.011	111.07	1500.58	3.108	.059	302.23
400	9.385	9.339	35.122	27.151	98.70	1494.39	3.188	.065	403.07

Cruise: GULFCET 05 Station: 12-116
 Date: 26-May-93 Time: 1748 Lat: 27 26.09 Long: 88 49.94
 Depth: 2000 m Wind Dir: 93.8 ° Wind Speed: 7.3 m/s Wave Dir: 85 °
 Barometer: 29.93 in. Air Temp Dry: 25 °C Air Temp Wet: 22.5 °C Secchi Depth: 27 m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.323	25.321	36.114	24.086	382.22	1536.53	4.732	.121	10.07
20	25.113	25.109	36.149	24.177	373.95	1536.24	4.706	.118	20.14
30	24.877	24.871	36.192	24.282	364.41	1535.89	4.810	.122	30.20
50	23.936	23.926	36.245	24.605	334.34	1533.99	4.917	.188	50.34
75	21.248	21.233	36.508	25.576	242.82	1527.79	4.272	.362	75.52
100	18.816	18.798	36.395	26.136	190.26	1521.38	3.714	.231	100.69
125	17.286	17.265	36.249	26.406	165.36	1517.19	3.612	.118	125.88
150	15.331	15.308	35.990	26.663	141.39	1511.36	3.519	.077	151.06
200	12.795	12.767	35.611	26.909	118.81	1503.55	3.430	.061	201.44
250	11.110	11.079	35.349	27.028	108.09	1498.32	3.314	.062	251.83
300	9.560	9.526	35.166	27.157	96.23	1493.42	3.347	.059	302.23
400	8.288	8.246	34.987	27.220	91.33	1490.17	3.211	.063	403.07

Cruise: GULFCET 05 Station: 12-117
 Date: 26-May-93 Time: 1412 Lat: 27 49.97 Long: 88 50.03
 Depth: 1575 m Wind Dir: 100 ° Wind Speed: 7.4 m/s Wave Dir: 110°
 Barometer: 29.95 in. Air Temp Dry: 25 °C Air Temp Wet: 21.5 °C Secchi Depth: 32 m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.932	25.929	36.394	24.109	380.09	1538.27	4.640	.078	10.07
20	24.870	24.866	36.233	24.315	360.80	1535.75	4.806	.096	20.14
30	24.689	24.682	36.240	24.376	355.46	1535.49	4.819	.103	30.20
50	22.226	22.216	36.284	25.131	284.21	1529.70	5.121	.204	50.34
75	20.615	20.601	36.410	25.674	233.46	1525.98	4.695	.310	75.52
100	18.211	18.193	36.411	26.302	174.51	1519.67	3.758	.150	100.69
125	16.172	16.152	36.153	26.596	147.12	1513.73	3.696	.083	125.88
150	15.064	15.041	35.980	26.715	136.39	1510.51	3.524	.064	151.06
200	13.372	13.344	35.701	26.861	123.51	1505.57	3.491	.055	201.44
250	11.780	11.748	35.455	26.985	112.47	1500.77	3.320	.055	251.83
300	10.554	10.518	35.270	27.066	105.35	1497.11	3.227	.057	302.23
400	9.024	8.980	35.076	27.174	96.26	1493.01	3.055	.060	403.07

Cruise: GULFCET 05 Station: 12-119
 Date: 26-May-93 Time: 0749 Lat: 28 26.03 Long: 88 49.99
 Depth: 1300 m Wind Dir: 95 ° Wind Speed: 5.1 m/s Wave Dir: 310°
 Barometer: 29.96 in. Air Temp Dry: 24.9 °C Air Temp Wet: 21 °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.482	25.479	36.154	24.068	383.99	1536.95	4.680	.106	10.07
20	25.480	25.475	36.154	24.068	384.39	1537.12	4.687	.109	20.14
30	25.473	25.466	36.152	24.069	384.70	1537.27	4.640	.116	30.20
50	23.802	23.791	36.252	24.650	330.03	1533.66	4.792	.169	50.34
75	22.656	22.640	36.537	25.201	278.55	1531.50	4.193	.353	75.52
100	20.935	20.916	36.531	25.679	233.93	1527.40	3.929	.242	100.69
125	18.368	18.346	36.405	26.258	179.57	1520.53	3.729	.117	125.88
150	15.964	15.940	36.120	26.619	145.68	1513.47	3.743	.073	151.06
200	13.279	13.251	35.692	26.873	122.33	1505.26	3.497	.055	201.44
250	11.733	11.701	35.454	26.993	111.68	1500.60	3.395	.056	251.83
300	9.885	9.850	35.183	27.115	100.36	1494.61	3.402	.058	302.23
400	7.829	7.788	34.966	27.273	85.93	1488.41	3.344	.061	403.07

Cruise: GULFCET 05 Station: 12-125
 Date: 26-May-93 Time: 0153 Lat: 29 06.49 Long: 88 50.04
 Depth: 90 m Wind Dir: ° Wind Speed: m/s Wave Dir: °
 Barometer: in. Air Temp Dry: °C Air Temp Wet: °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	24.622	24.620	34.794	23.301	457.11	1533.42	4.842	.492	10.07
20	24.401	24.397	36.271	24.486	344.56	1534.65	4.765	.211	20.14
30	23.555	23.549	36.234	24.709	323.65	1532.69	4.866	.247	30.20
50	21.861	21.851	36.240	25.201	277.57	1528.69	4.622	.248	50.34
75	20.440	20.426	36.297	25.635	237.13	1525.38	3.681	.255	75.52

Cruise: GULFCET 05 Station: 13-126
 Date: 25-May-93 Time: 2159 Lat: 29 16.56 Long: 88 10.08
 Depth: 94 m Wind Dir: 127 ° Wind Speed: 6.7 m/s Wave Dir: °
 Barometer: 29.99 in. Air Temp Dry: 23.5 °C Air Temp Wet: 22 °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	23.990	23.988	34.361	23.162	470.37	1531.40	4.960	.227	10.07
20	22.825	22.821	35.034	24.012	389.68	1529.36	5.161	.232	20.14
30	21.310	21.304	35.084	24.475	345.85	1525.62	5.341	.231	30.20
50	20.313	20.304	35.801	25.291	268.88	1524.06	5.114	.262	50.34
75	19.296	19.282	36.117	25.800	221.37	1522.01	4.456	.212	75.52

Cruise: GULFCET 05 Station: 13-133
 Date: 25-May-93 Time: 1624 Lat: 28 46.16 Long: 88 09.97
 Depth: 1850 m Wind Dir: 157.4° Wind Speed: 6.7 m/s Wave Dir: 150°
 Barometer: 29.94 in. Air Temp Dry: 26 °C Air Temp Wet: 23.5 °C Secchi Depth: 25 m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.275	25.273	35.866	23.913	398.72	1536.15	4.837	.073	10.07
20	25.044	25.039	35.861	23.981	392.70	1535.76	4.789	.084	20.14
30	23.528	23.522	35.850	24.426	350.56	1532.20	5.019	.117	30.20
50	22.461	22.450	36.045	24.883	307.83	1530.04	5.104	.150	50.34
75	21.236	21.222	36.147	25.304	268.63	1527.36	4.957	.349	75.52
100	20.136	20.118	36.249	25.680	233.76	1524.91	4.551	.172	100.69
125	18.745	18.723	36.436	26.186	186.45	1521.65	3.334	.114	125.88
150	17.576	17.551	36.330	26.397	167.08	1518.56	3.197	.087	151.06
200	14.826	14.796	35.936	26.733	136.10	1510.54	3.662	.049	201.44
250	13.312	13.277	35.723	26.890	122.12	1506.23	3.402	.055	251.83
300	12.133	12.093	35.505	26.957	116.59	1502.87	3.332	.058	302.23
400	10.116	10.069	35.206	27.093	104.76	1497.13	3.088	.061	403.07

Cruise: GULFCET 05 Station: 13-134
 Date: 25-May-93 Time: 1430 Lat: 28 37.00 Long: 88 10.23
 Depth: 2000 m Wind Dir: 154.9° Wind Speed: 6.1 m/s Wave Dir: 160°
 Barometer: 29.95 in. Air Temp Dry: 26 °C Air Temp Wet: 24 °C Secchi Depth: 26 m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.299	25.297	35.795	23.853	404.51	1536.13	4.688	.075	10.07
20	25.276	25.272	35.810	23.871	403.14	1536.26	4.674	.084	20.14
30	23.478	23.471	35.800	24.403	352.75	1532.02	4.951	.108	30.20
50	22.218	22.208	35.993	24.913	304.98	1529.35	5.015	.150	50.34
75	21.458	21.443	36.129	25.229	275.77	1527.93	5.046	.226	75.52
100	20.532	20.513	36.215	25.548	246.31	1525.96	4.700	.199	100.69
125	19.186	19.164	36.393	26.039	200.38	1522.85	3.500	.114	125.88
150	17.634	17.608	36.337	26.388	167.94	1518.74	3.110	.086	151.06
200	15.310	15.279	36.013	26.685	140.81	1512.15	3.592	.052	201.44
250	13.078	13.043	35.646	26.879	123.09	1505.37	3.383	.054	251.83
300	11.765	11.725	35.445	26.980	114.13	1501.54	3.238	.056	302.23
400	9.957	9.910	35.183	27.103	103.73	1496.54	3.081	.062	403.07

Cruise: GULFCET 05 Station: 14-135
 Date: 25-May-93 Time: 0857 Lat: 28 30.98 Long: 87 29.88
 Depth: 2000 m Wind Dir: 150 ° Wind Speed: 10 m/s Wave Dir: 180°
 Barometer: 29.95 in. Air Temp Dry: °C Air Temp Wet: °C Secchi Depth: 30 m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	26.945	26.943	36.345	23.751	414.25	1540.55	4.487	.071	10.07
20	26.943	26.938	36.344	23.751	414.66	1540.71	4.480	.071	20.14
30	26.829	26.822	36.319	23.768	413.39	1540.60	4.471	.072	30.20
50	23.626	23.615	35.988	24.502	344.17	1532.93	4.932	.105	50.34
75	22.058	22.043	35.967	24.938	303.52	1529.33	5.024	.178	75.52
100	21.415	21.395	36.140	25.250	274.77	1528.25	5.047	.194	100.69
125	20.416	20.392	36.298	25.642	238.29	1526.15	4.340	.150	125.88
150	19.044	19.017	36.367	26.056	199.66	1522.84	3.595	.103	151.06
200	16.402	16.369	36.224	26.597	149.44	1515.76	3.894	.049	201.44
250	14.697	14.659	35.912	26.743	136.62	1510.94	3.667	.051	251.83
300	13.286	13.243	35.679	26.861	126.18	1506.93	3.494	.056	302.23
400	11.226	11.175	35.376	27.028	111.75	1501.26	3.025	.062	403.07

Cruise: GULFCET 05 Station: 14-136
 Date: 25-May-93 Time: 0558 Lat: 28 45.77 Long: 87 30.00
 Depth: 1600 m Wind Dir: 148 ° Wind Speed: 8.4 m/s Wave Dir: 180°
 Barometer: 29.92 in. Air Temp Dry: °C Air Temp Wet: °C Secchi Depth: m

Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.438	25.436	36.136	24.067	384.02	1536.83	4.648	.070	10.07
20	25.441	25.436	36.144	24.072	383.97	1537.02	4.640	.068	20.14
30	25.379	25.372	36.164	24.107	381.06	1537.06	4.636	.073	30.20
50	21.281	21.271	35.781	25.013	295.38	1526.65	5.010	.156	50.34
75	20.183	20.169	35.978	25.460	253.70	1524.32	4.904	.326	75.52
100	18.868	18.850	36.089	25.889	213.73	1521.19	4.489	.188	100.69
125	18.250	18.228	36.147	26.089	195.49	1519.90	4.234	.095	125.88
150	17.779	17.753	36.168	26.223	183.61	1518.97	4.142	.095	151.06
200	15.825	15.793	36.090	26.627	146.43	1513.84	3.523	.058	201.44
250	13.736	13.700	35.768	26.837	127.32	1507.68	3.476	.056	251.83
300	12.007	11.967	35.499	26.976	114.68	1502.43	3.394	.055	302.23
400	10.195	10.147	35.225	27.095	104.68	1497.44	3.369	.062	403.07

Cruise: GULFCET 05 Station: 14-143
 Date: 24-May-93 Time: 2339 Lat: 29 27.00 Long: 87 30.15
 Depth: m Wind Dir: ° Wind Speed: m/s Wave Dir: °
 Barometer: in. Air Temp Dry: °C Air Temp Wet: °C Secchi Depth: m

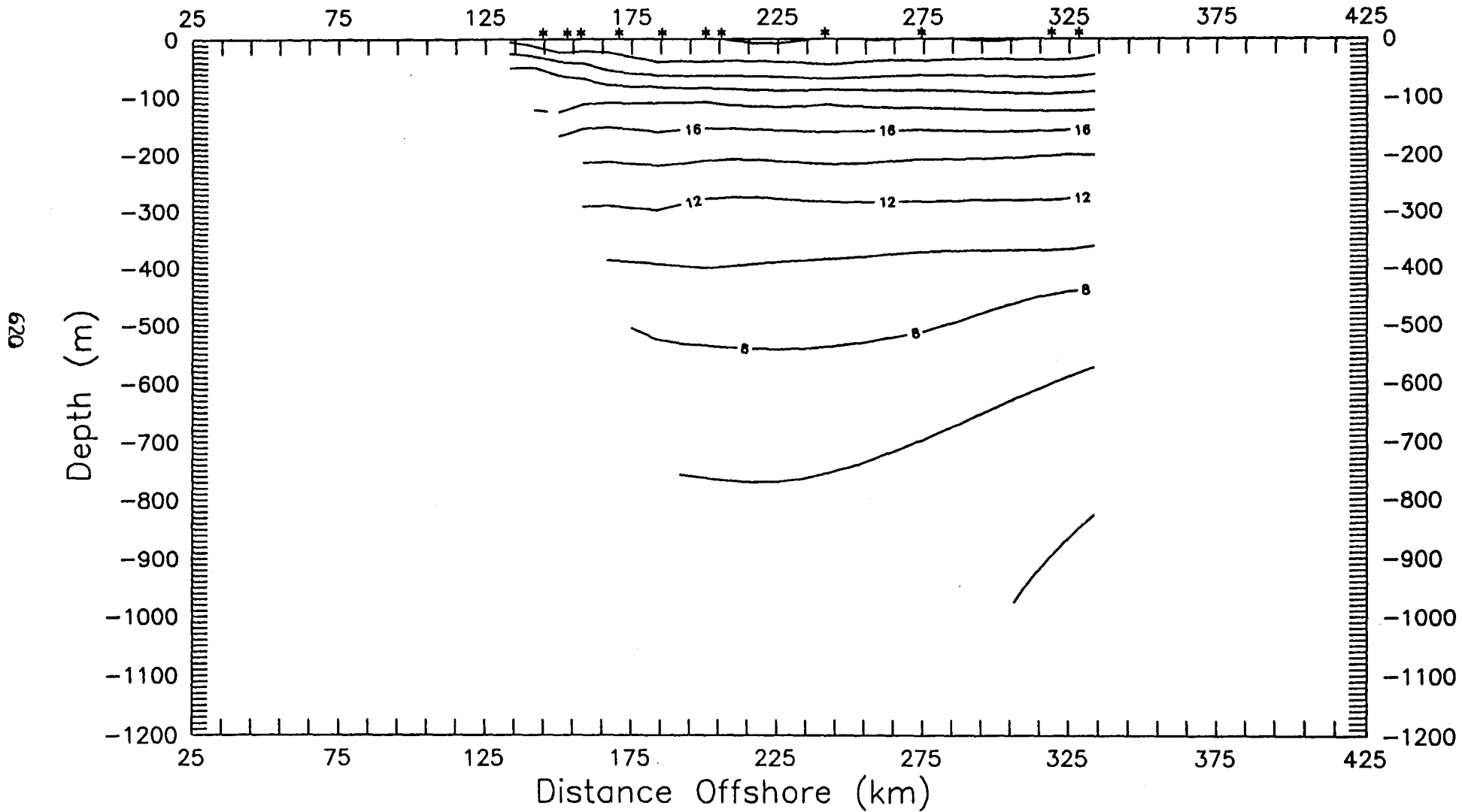
Depth	Temp	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	23.644	23.642	35.457	24.094	381.44	1531.73	5.233	.109	10.07
20	23.560	23.556	35.665	24.277	364.45	1531.91	5.144	.118	20.14
30	21.016	21.010	35.468	24.847	310.40	1525.26	5.425	.153	30.20
50	20.705	20.695	36.168	25.465	252.37	1525.53	5.101	.744	50.34
75	18.961	18.948	36.098	25.872	214.49	1521.04	0.000	.403	75.52

6.4 Analyzed Temperature Data

Vertical Temperature Profiles

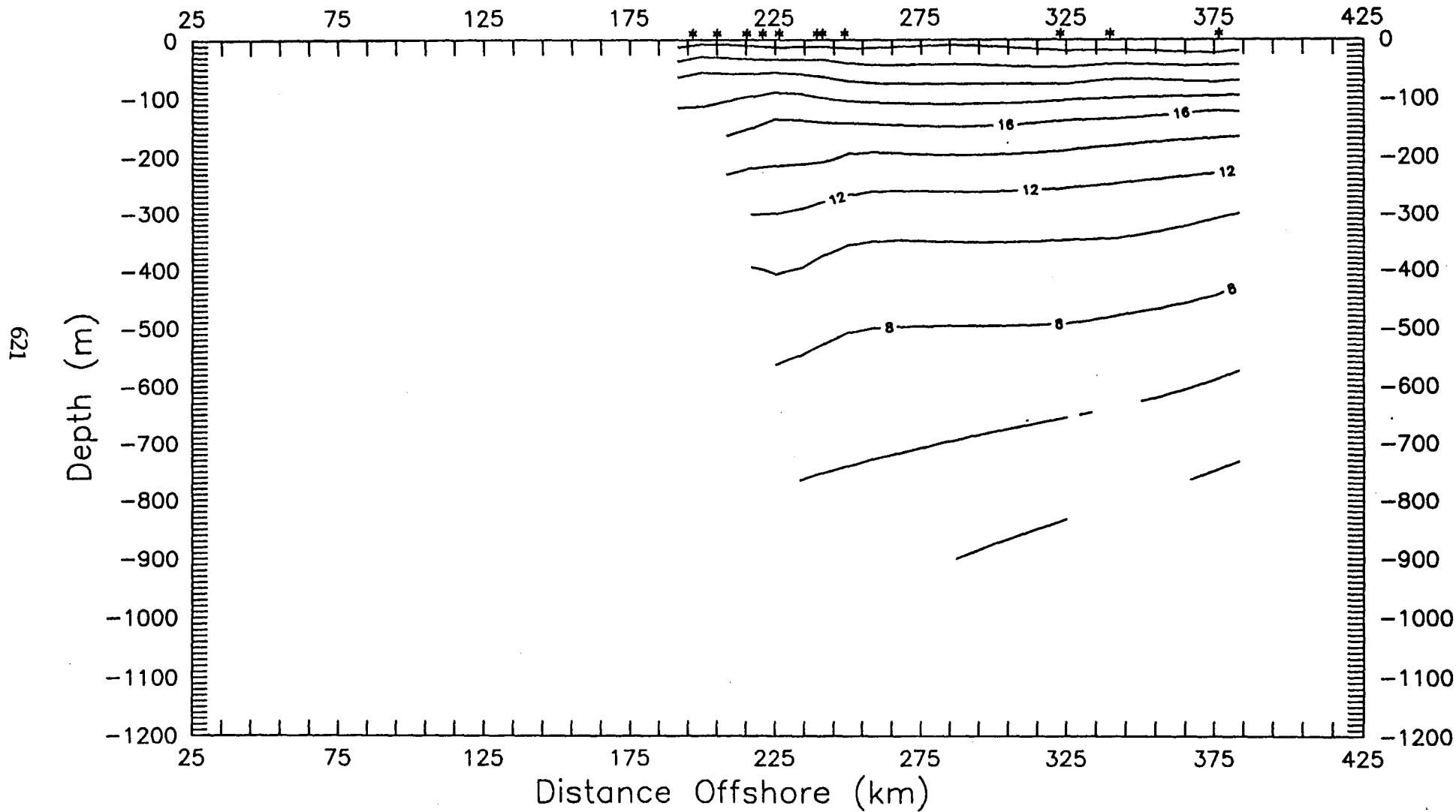
Temperature (°C)

GulfCet 05: Line 03



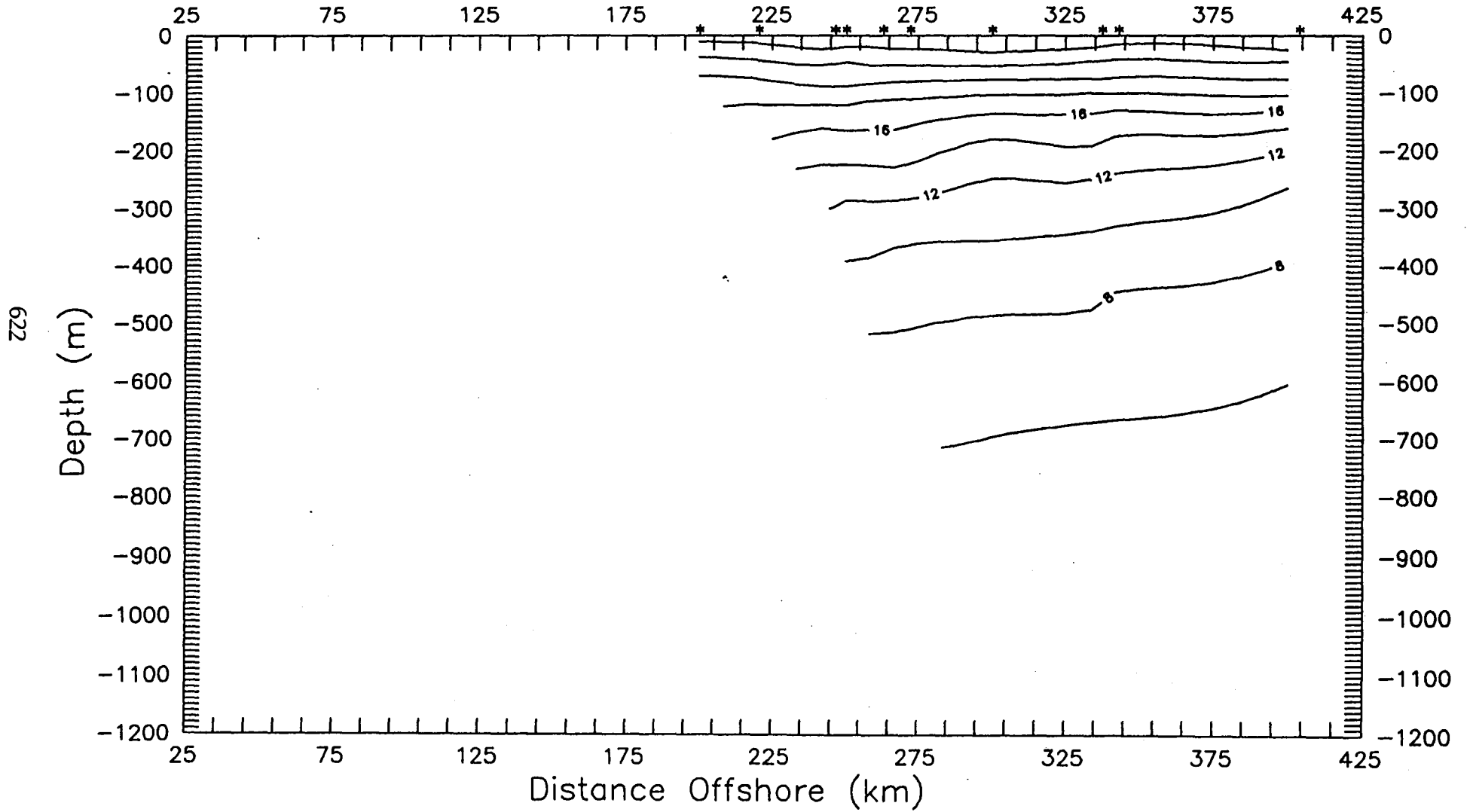
Temperature (°C)

GulfCet 05: Line 04



Temperature (°C)

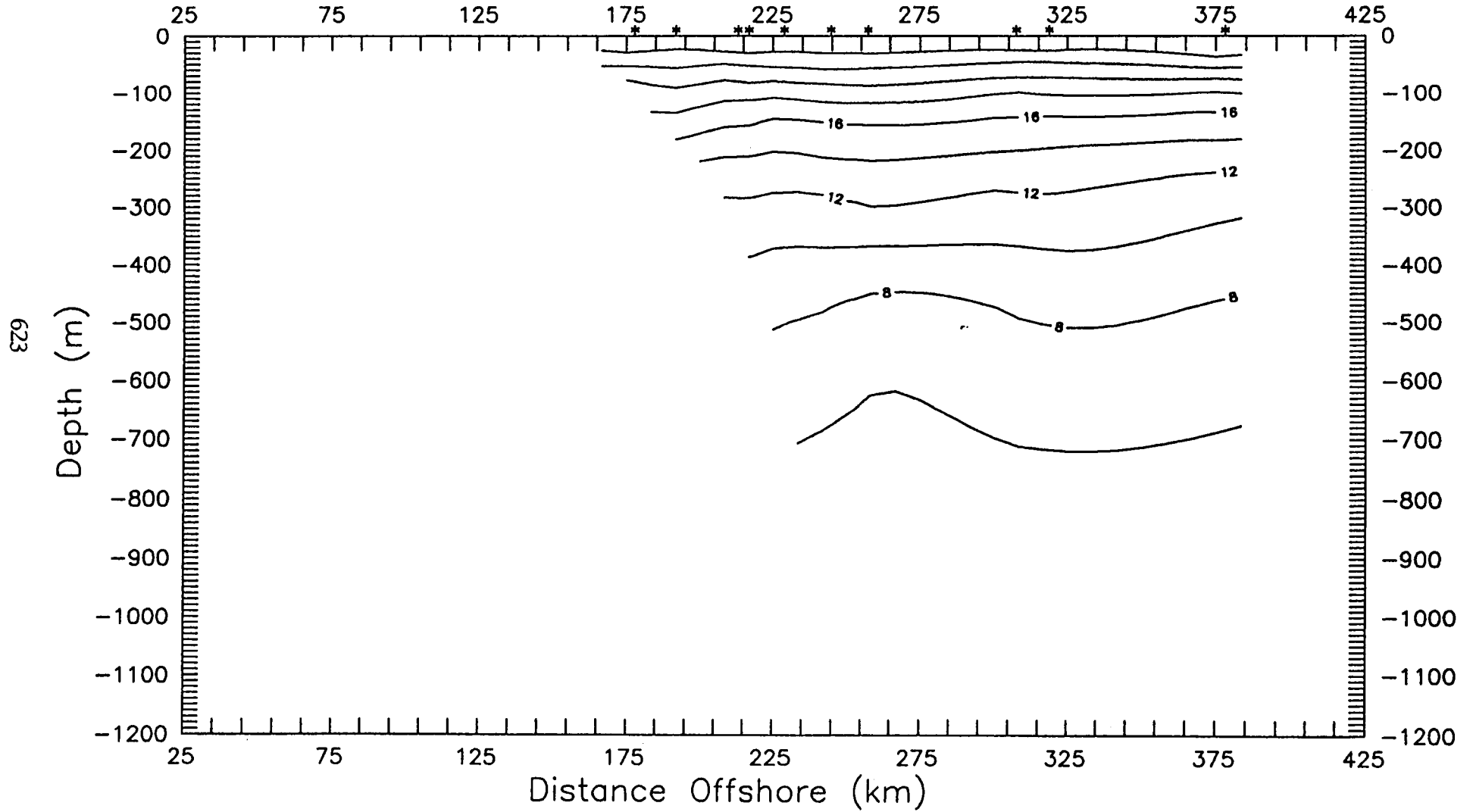
GulfCet 05: Line 05



622

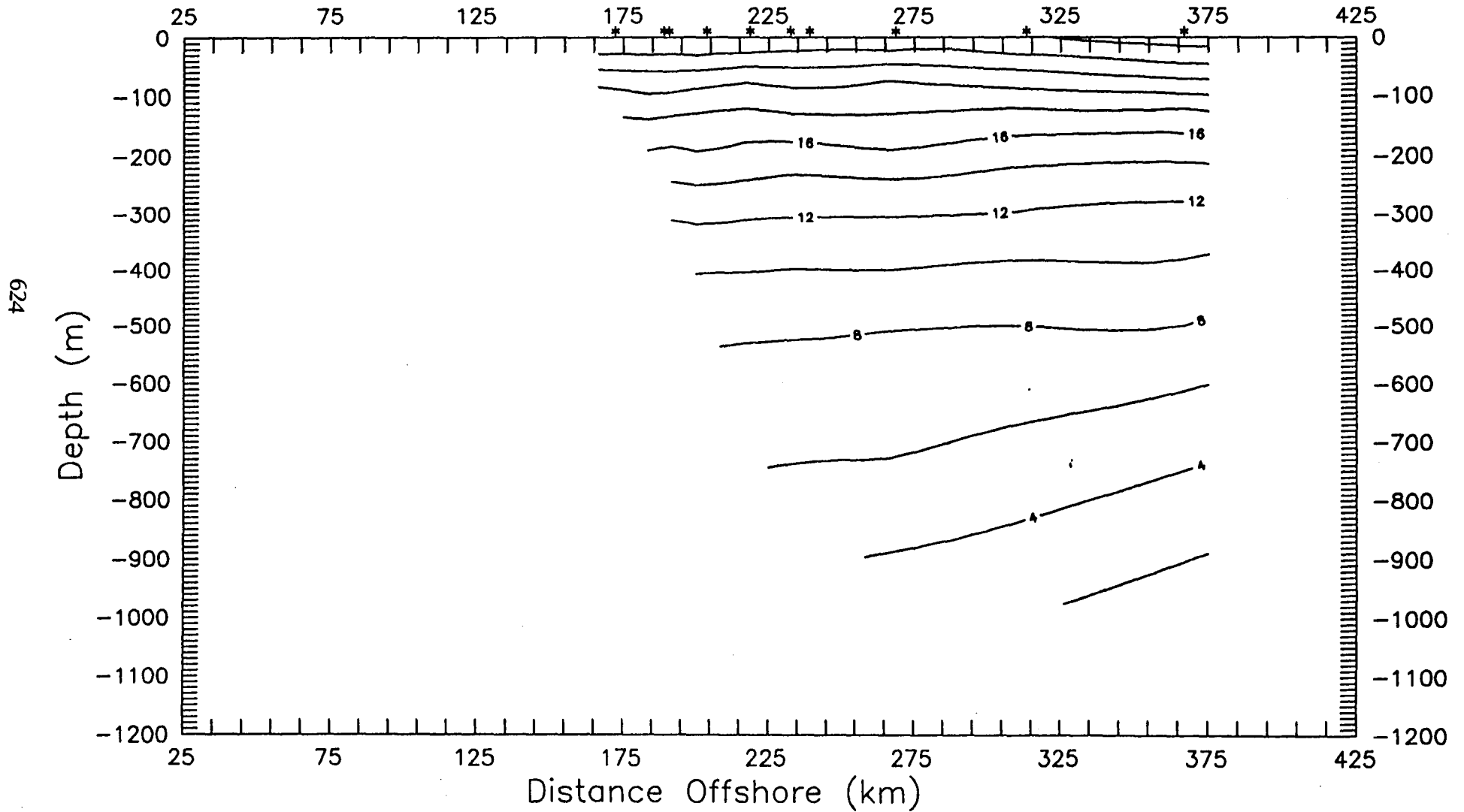
Temperature (°C)

GulfCet 05: Line 06



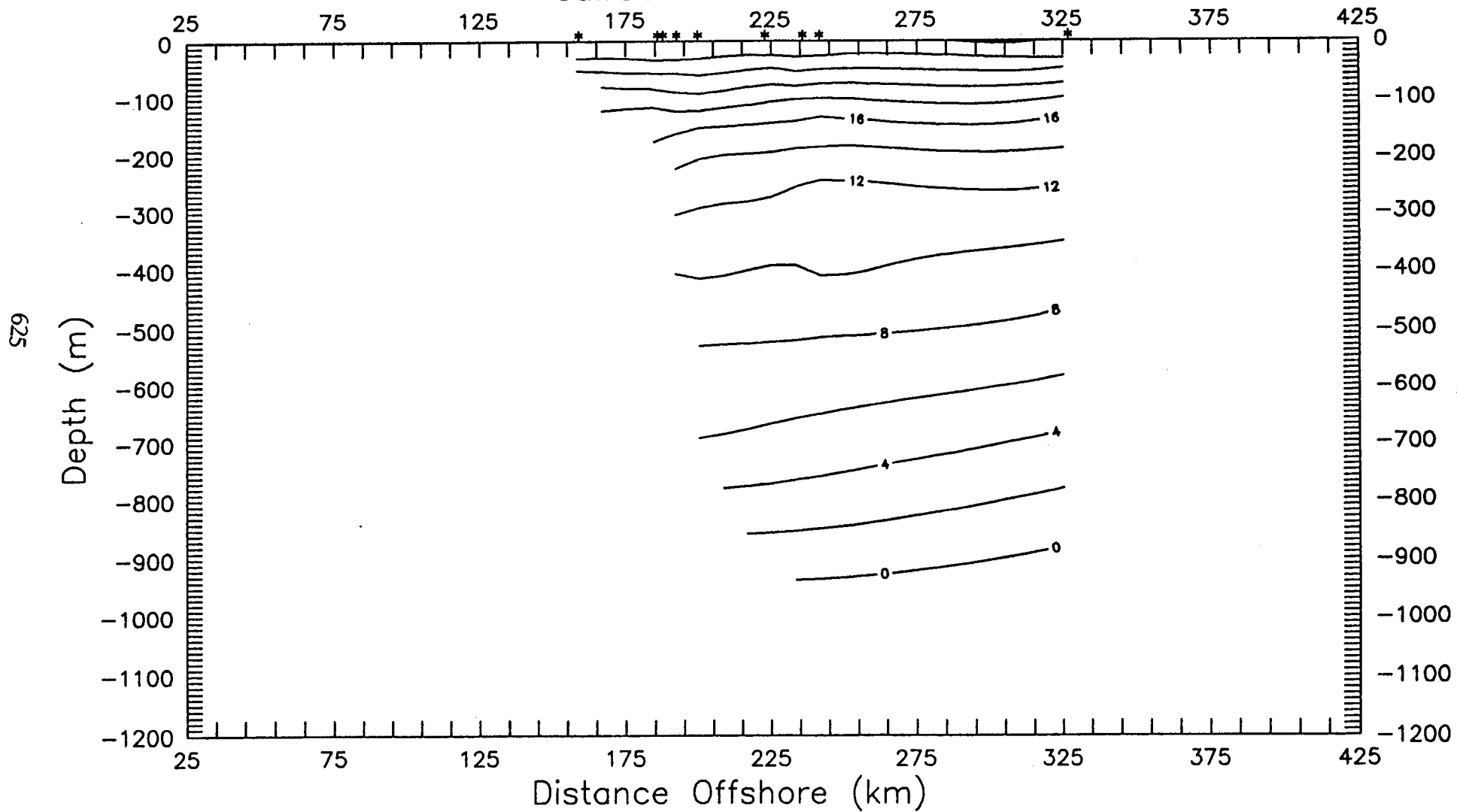
Temperature (°C)

GulfCet 05: Line 07



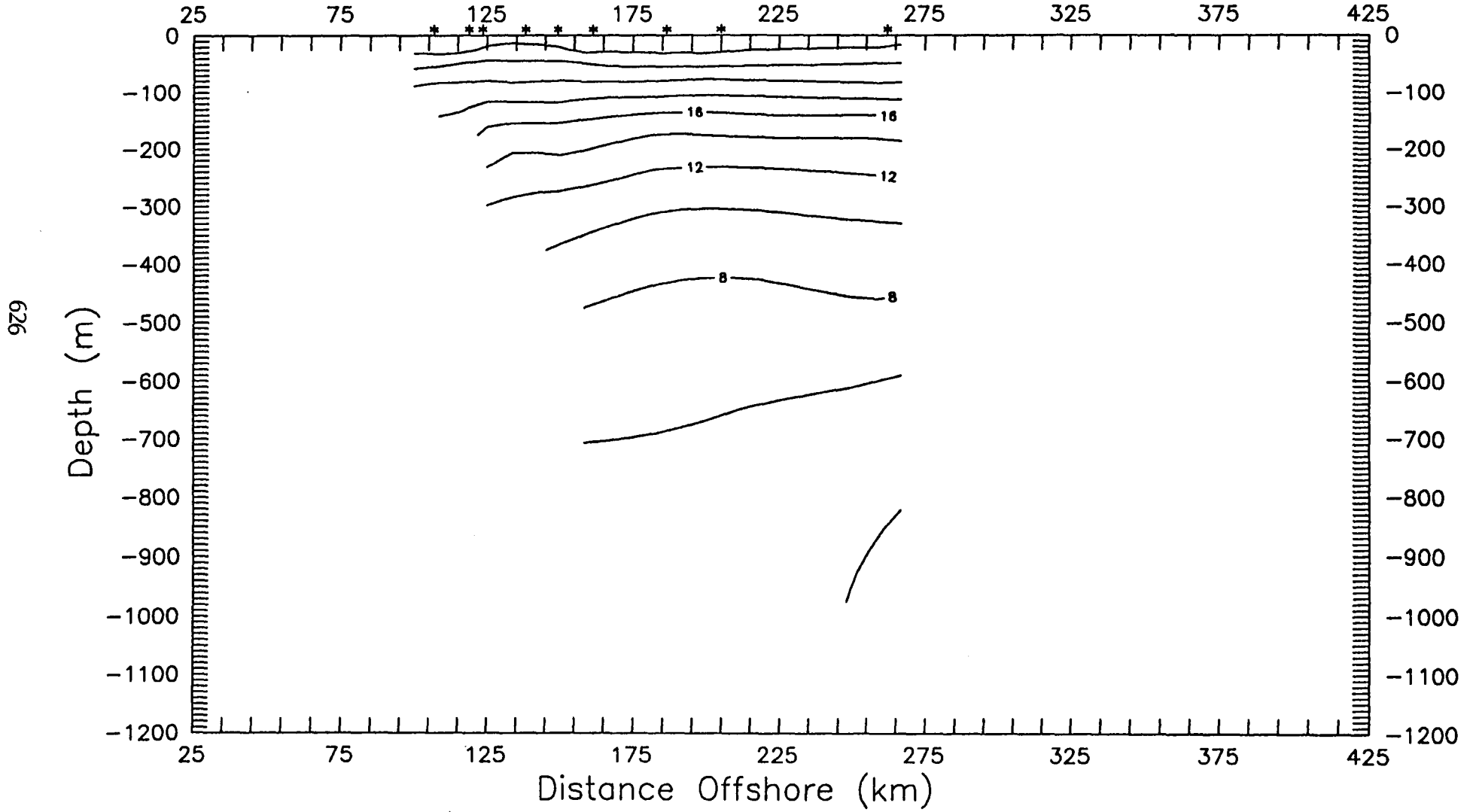
Temperature (°C)

GulfCet 05: Line 08



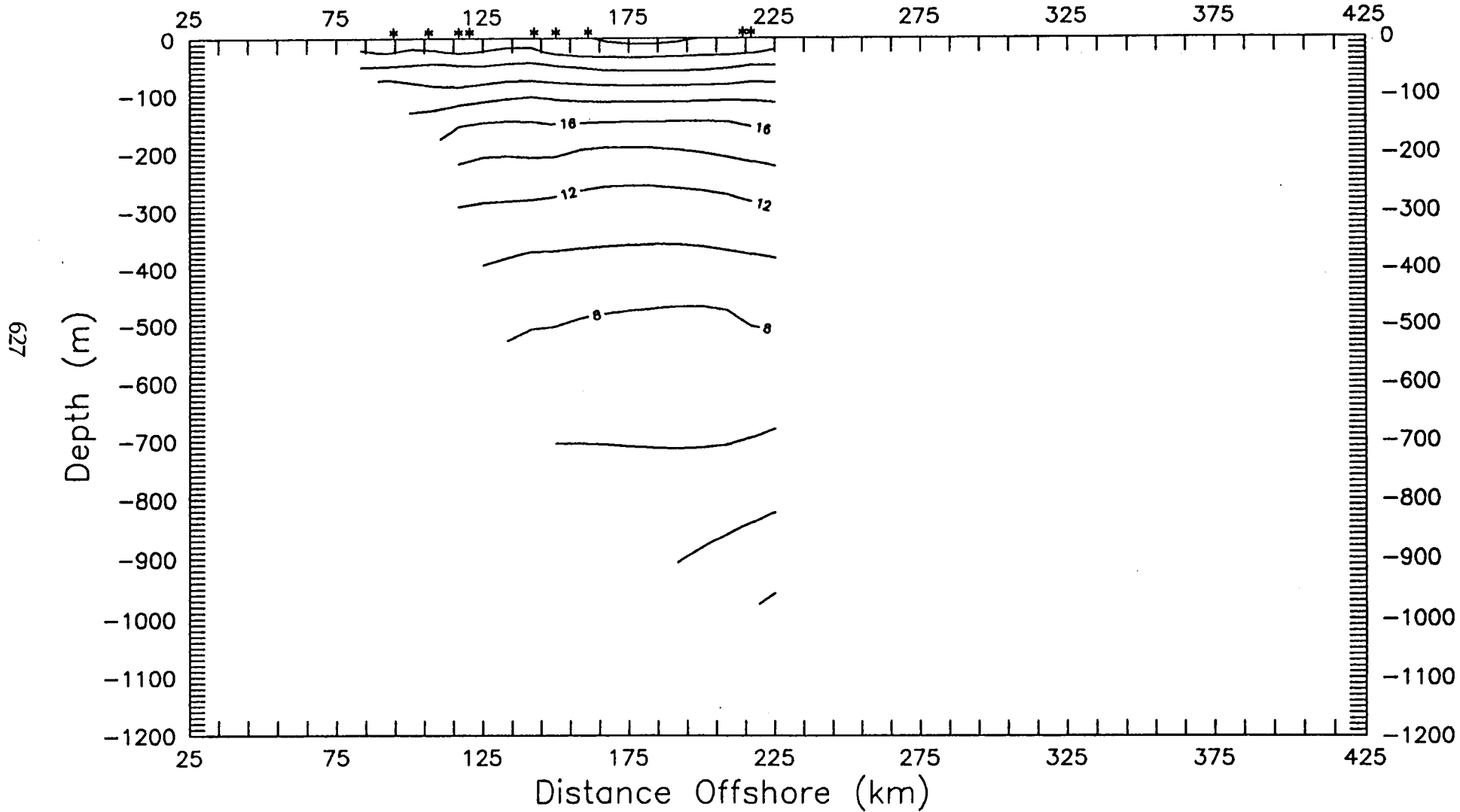
Temperature (°C)

GulfCet 05: Line 09



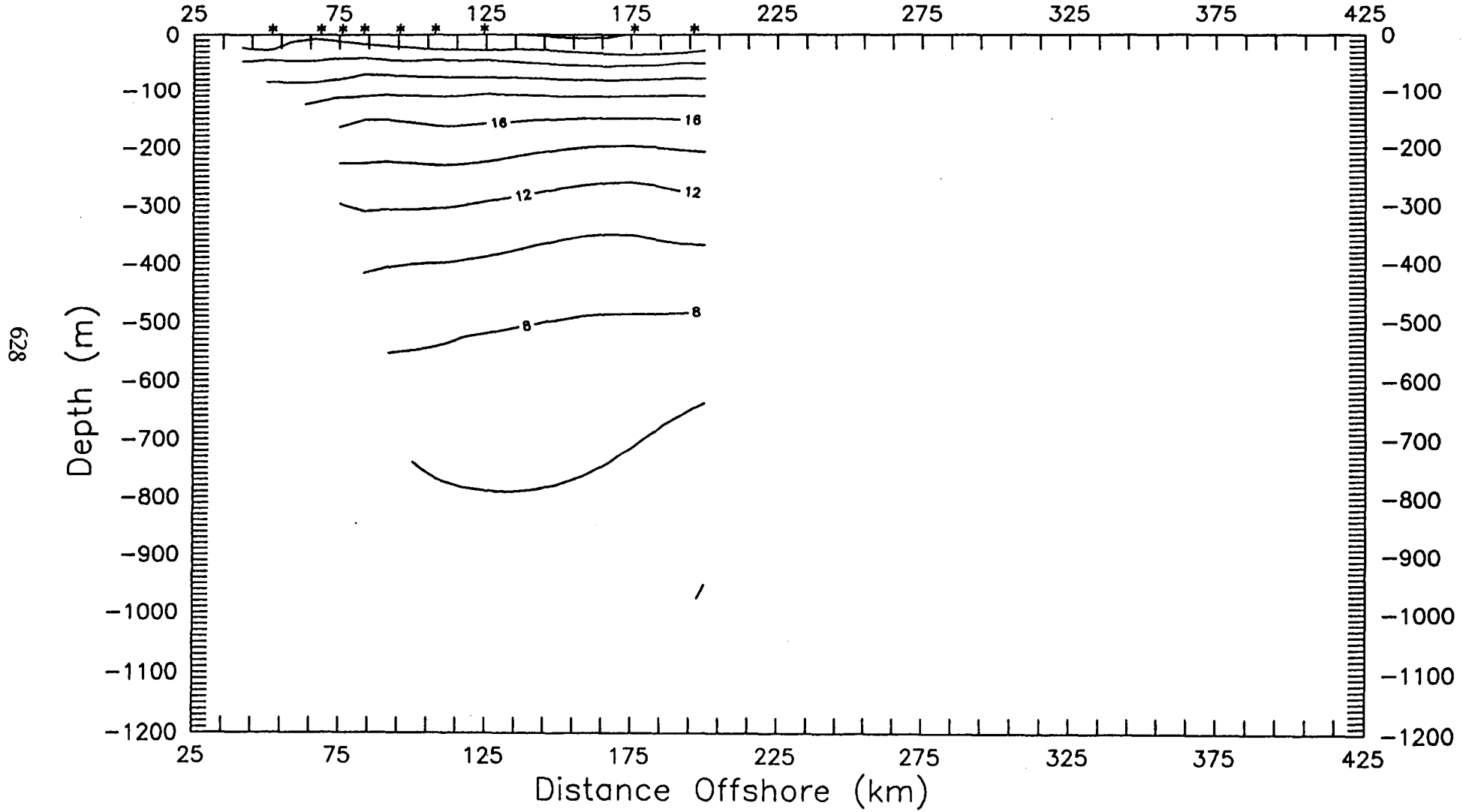
Temperature (°C)

GulfCet 05: Line 10



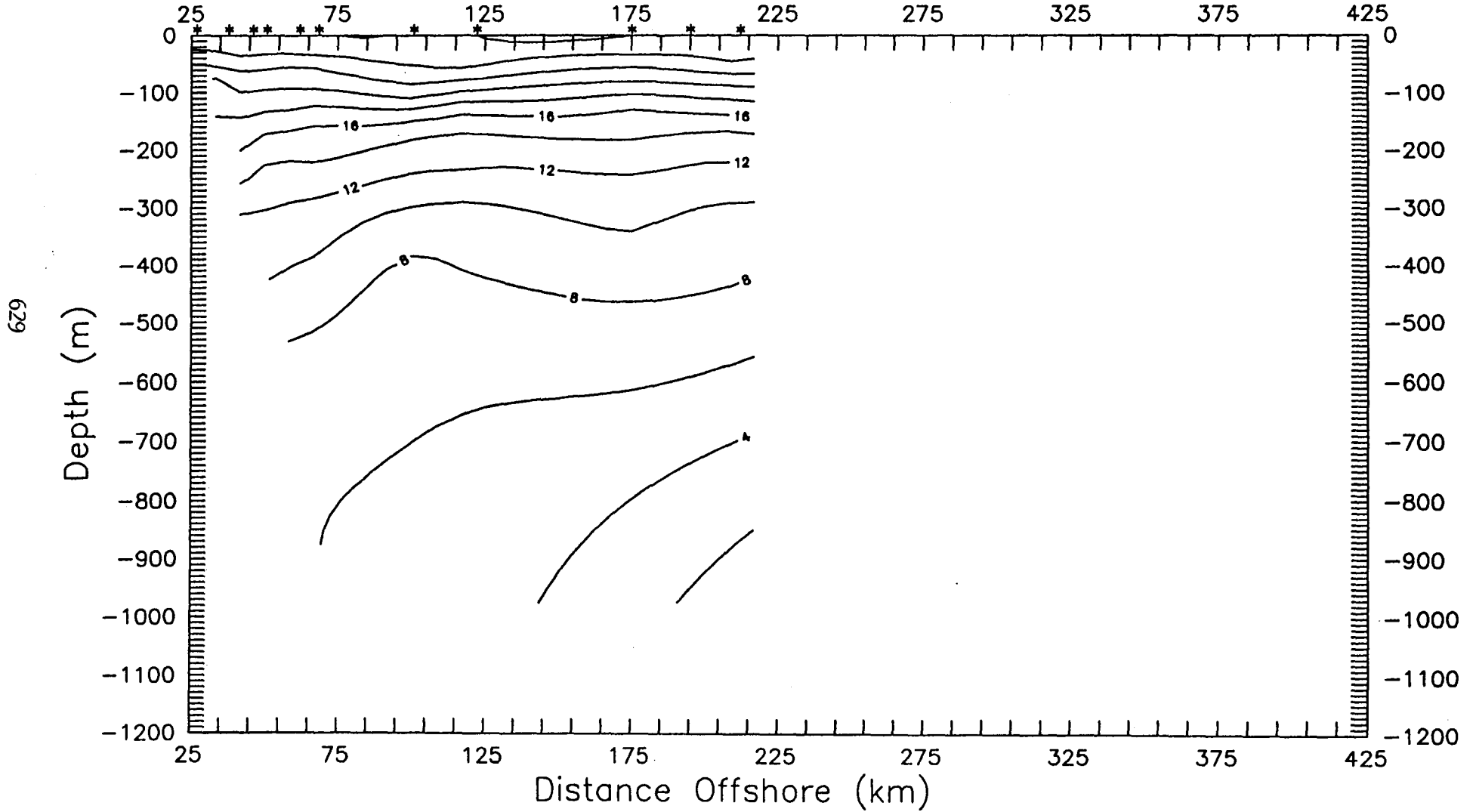
Temperature (°C)

GulfCet 05: Line 11



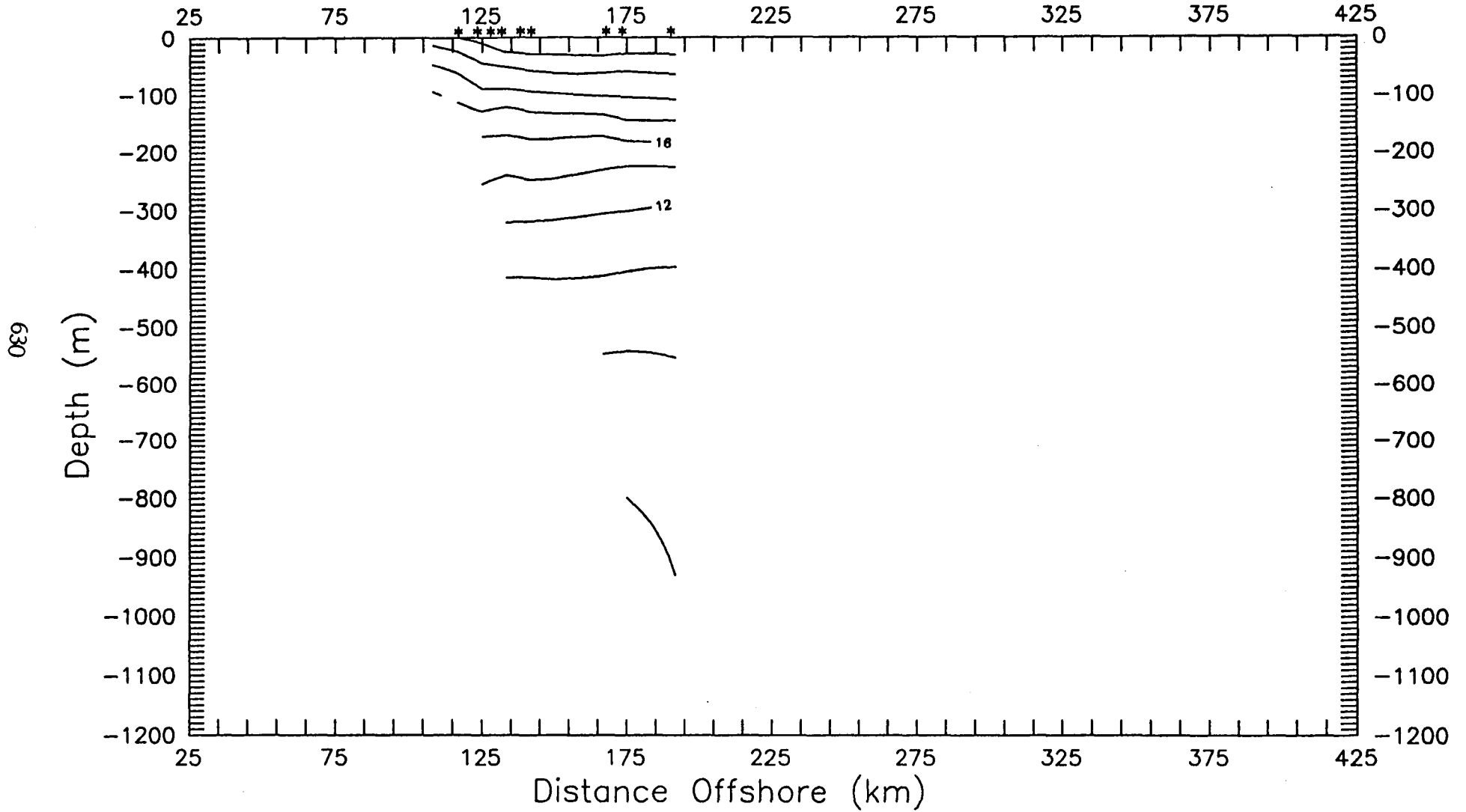
Temperature (°C)

GulfCet 05: Line 12



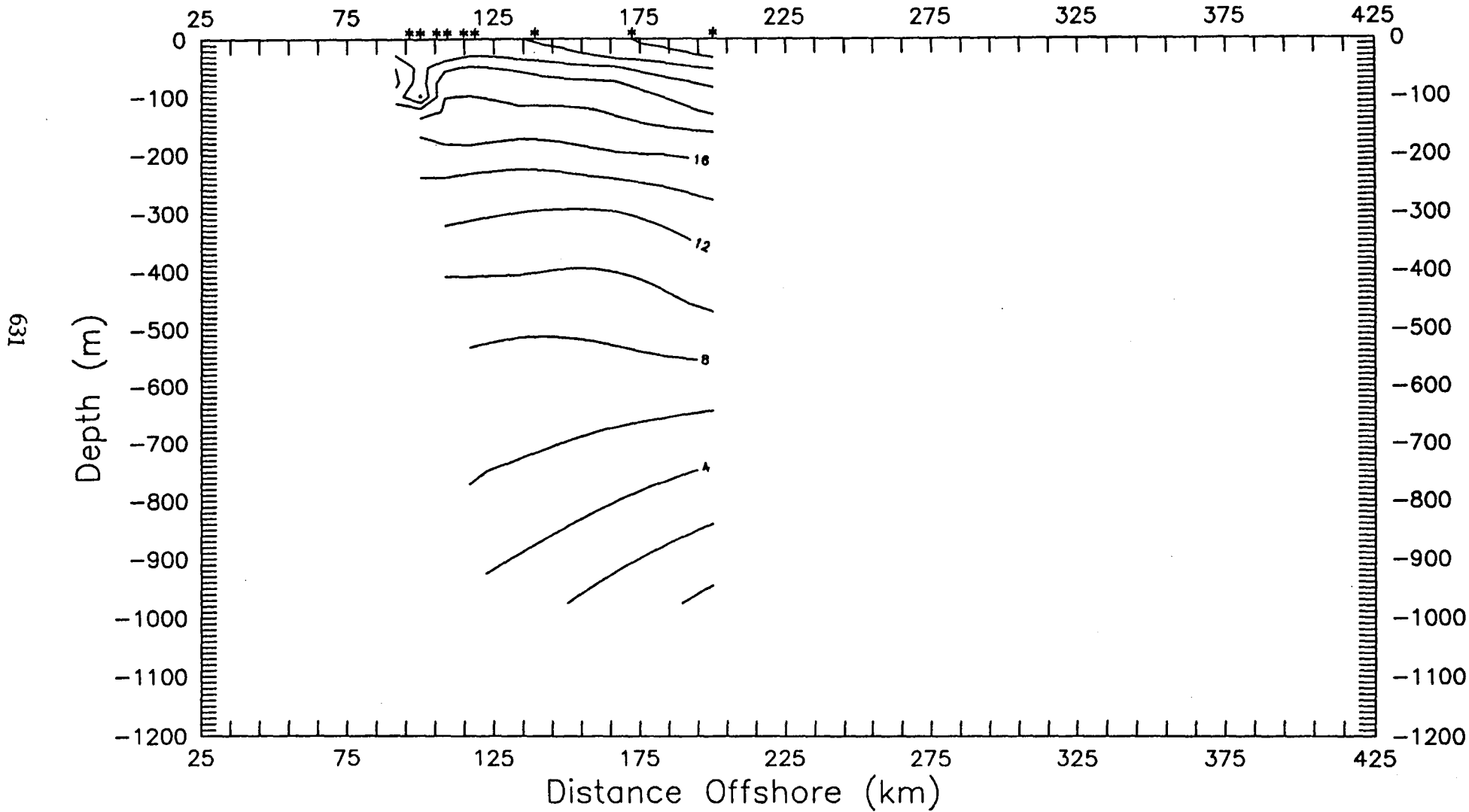
Temperature (°C)

GulfCet 05: Line 13



Temperature (°C)

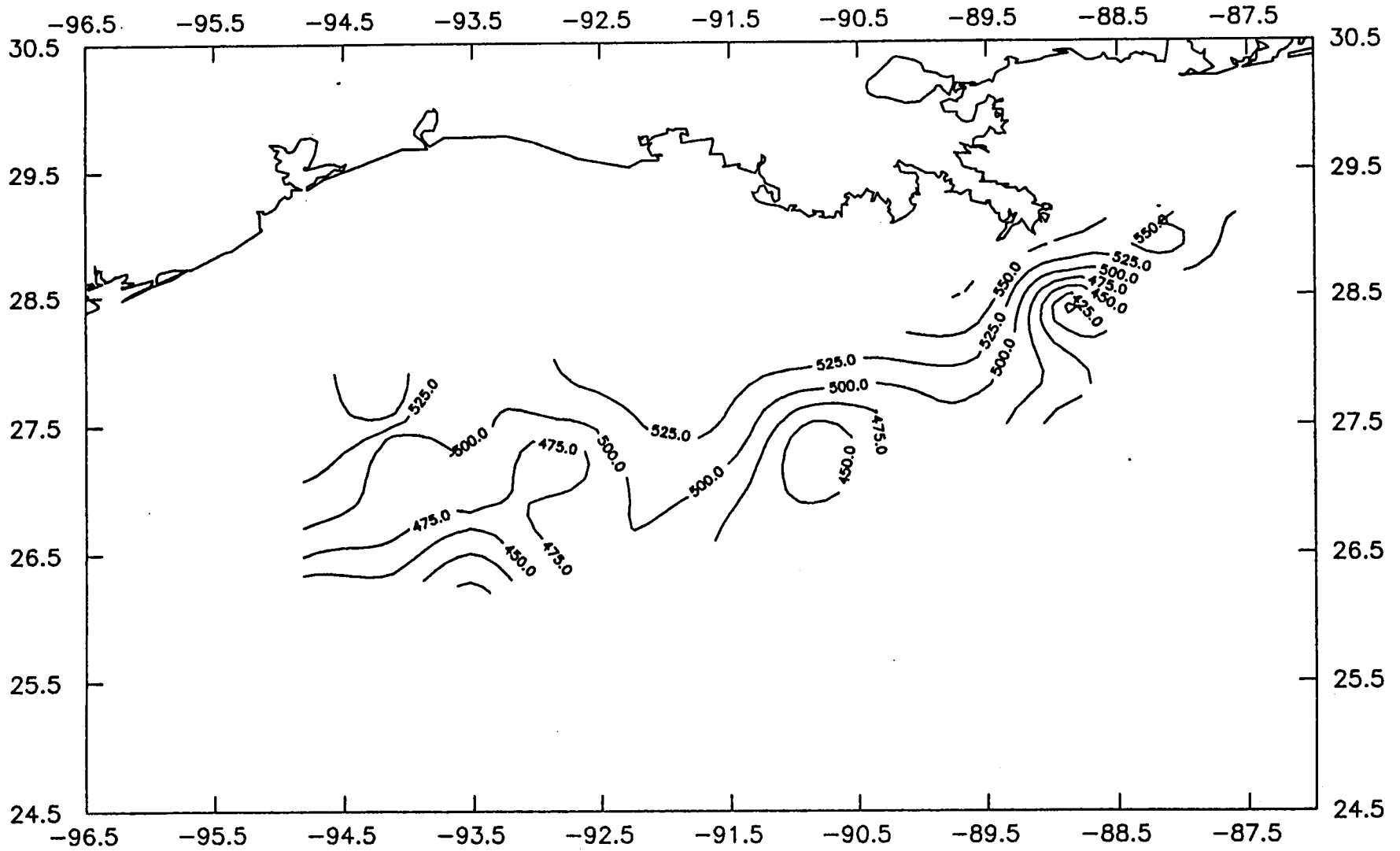
GulfCet 05: Line 14



Depth of 8 °C Isotherm (m)

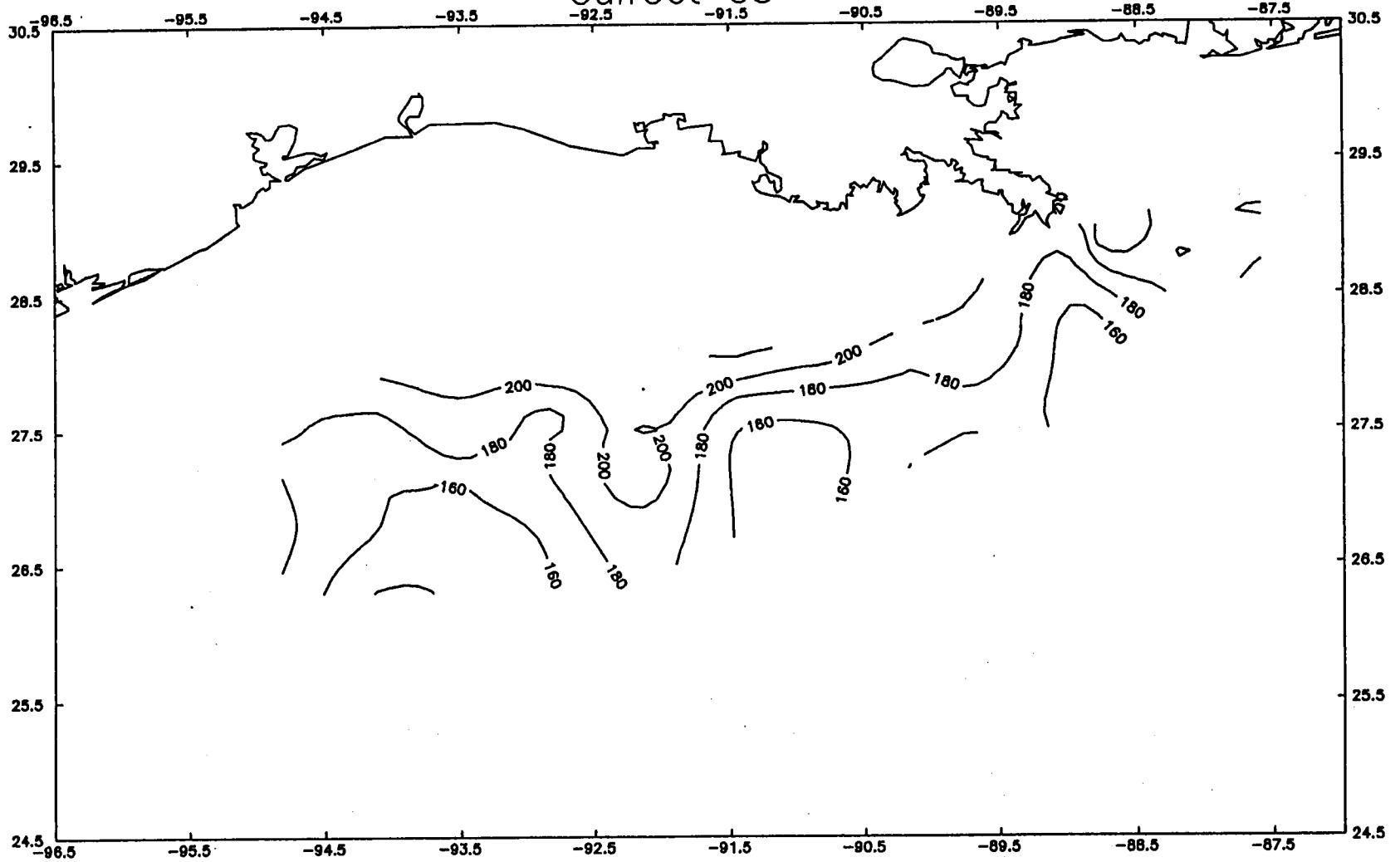
GulfCet 05

632



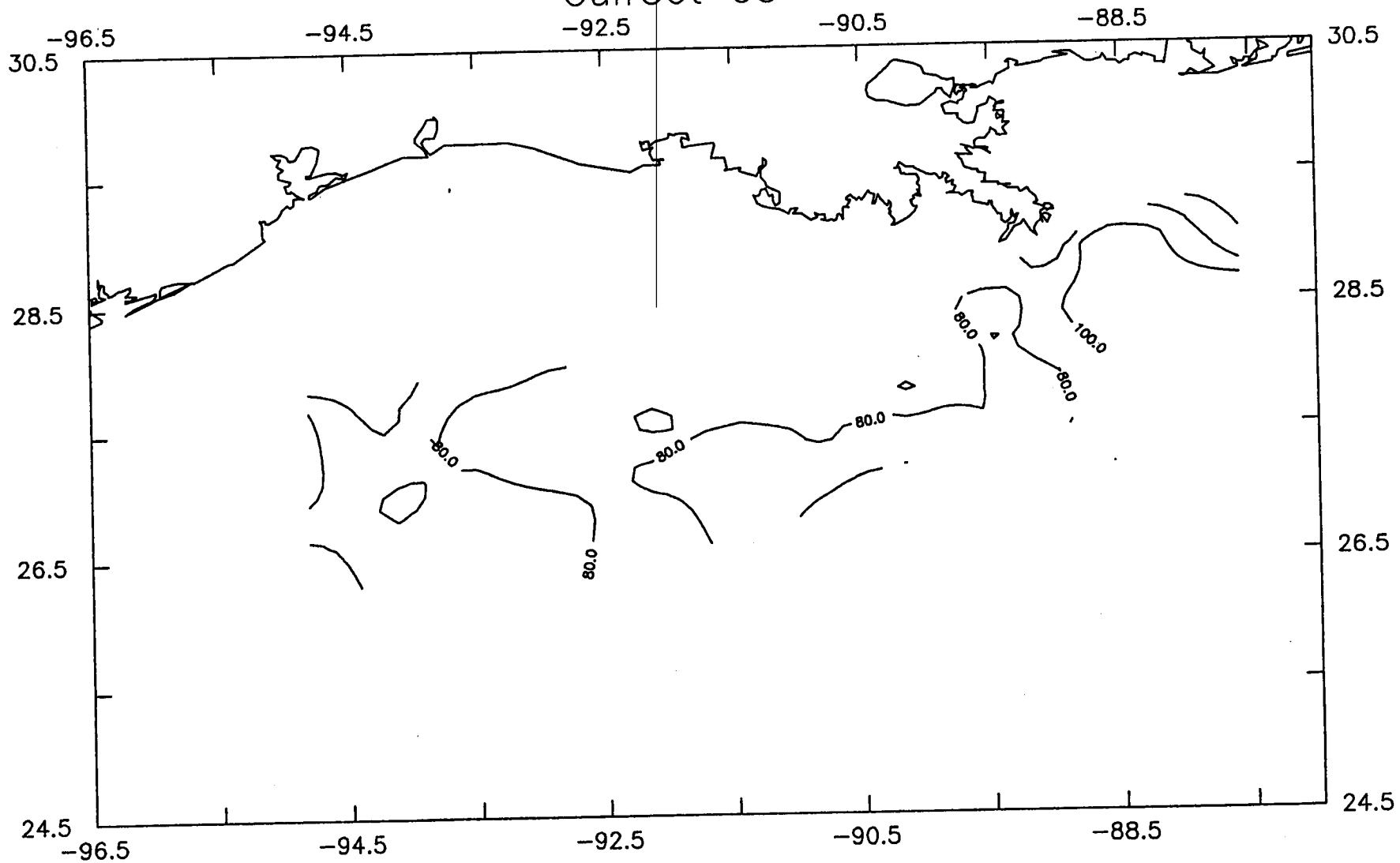
Depth of 15 °C Isotherm (m)

GulfCet_05



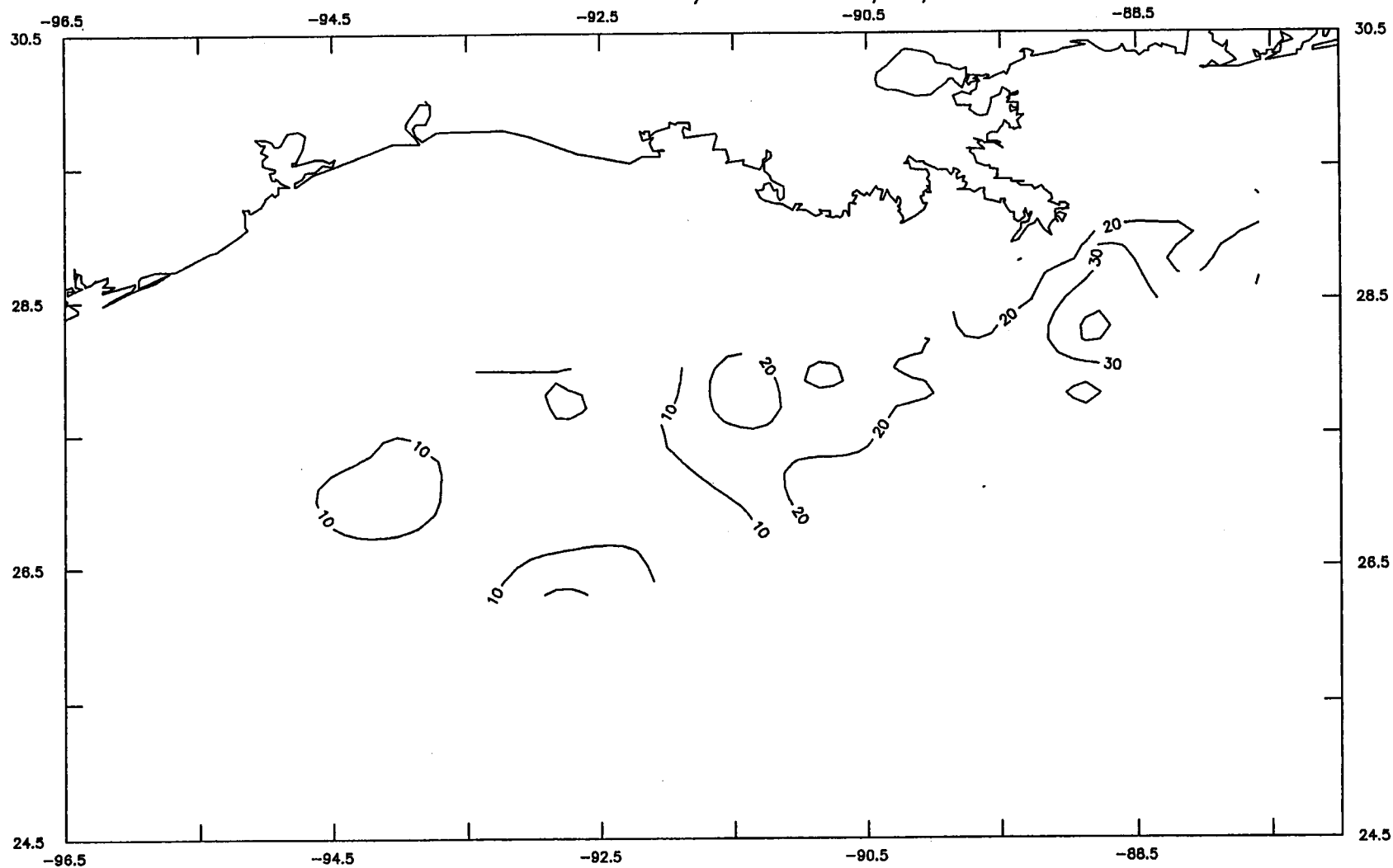
Depth of 20 °C Isotherm (m)

GulfCet 05



Mixed Layer Depth

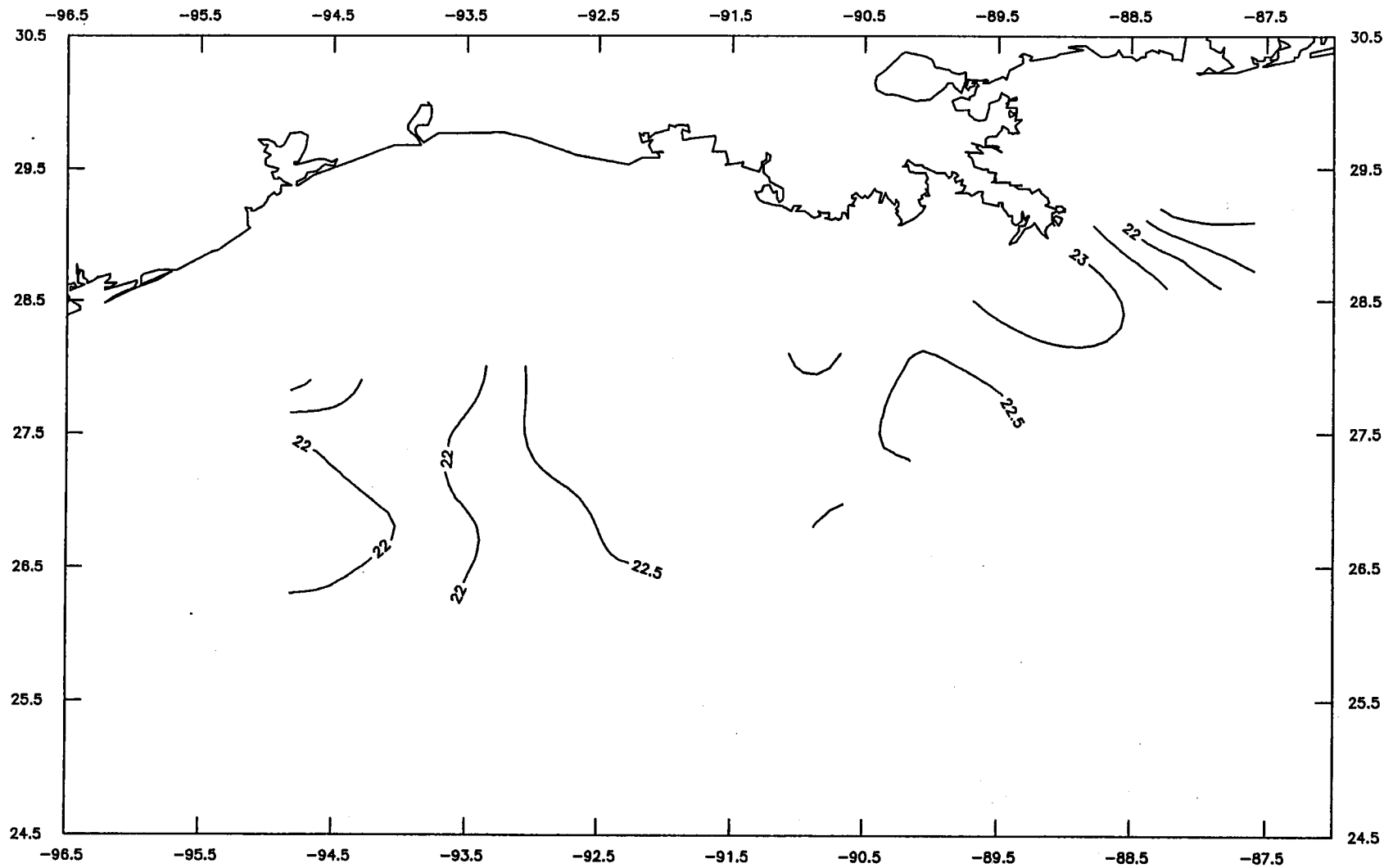
GulfCet 05 : 5/23 - 6/5/93



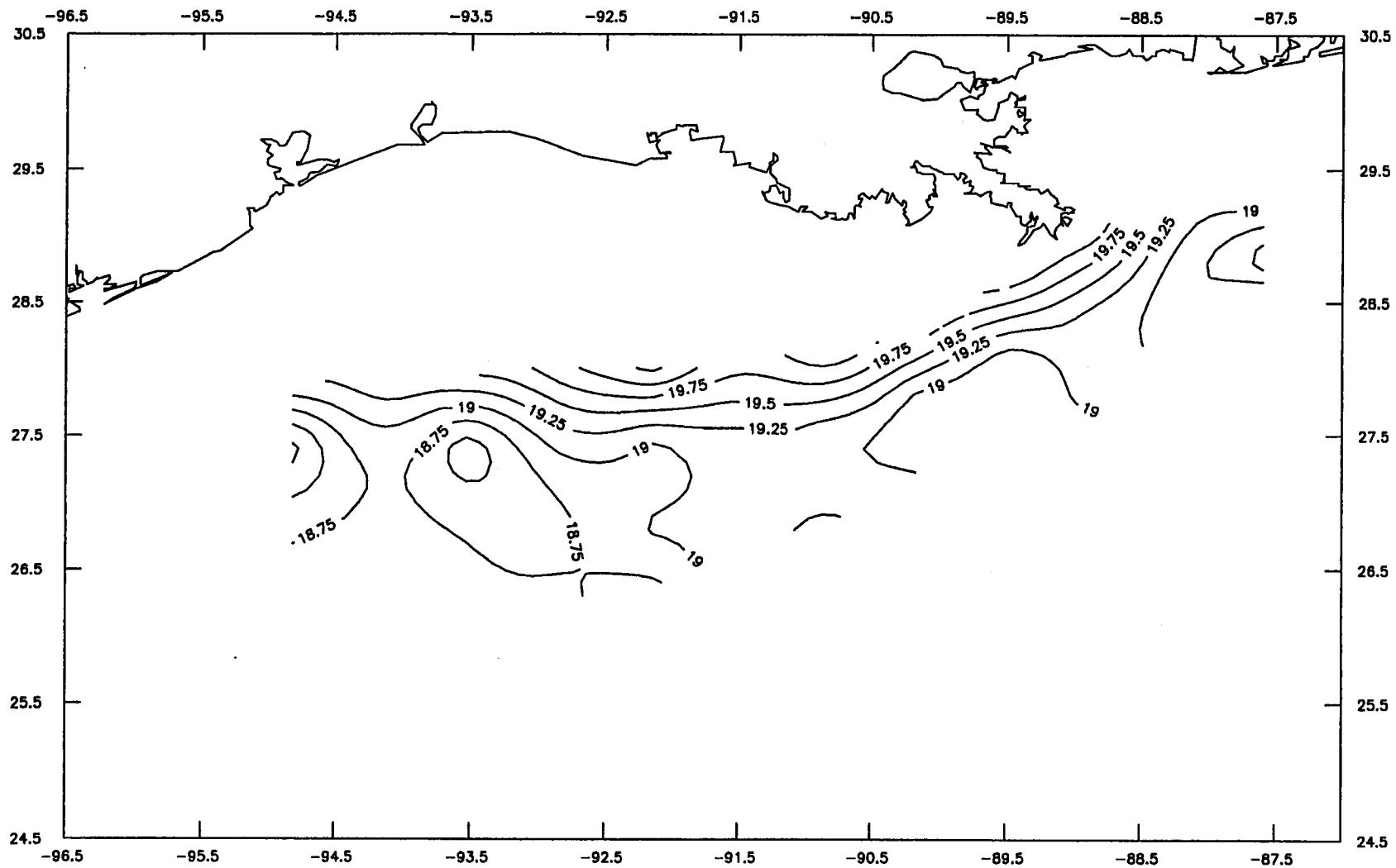
635

Temperature (°C) at Reference Density 25

GulfCet 05



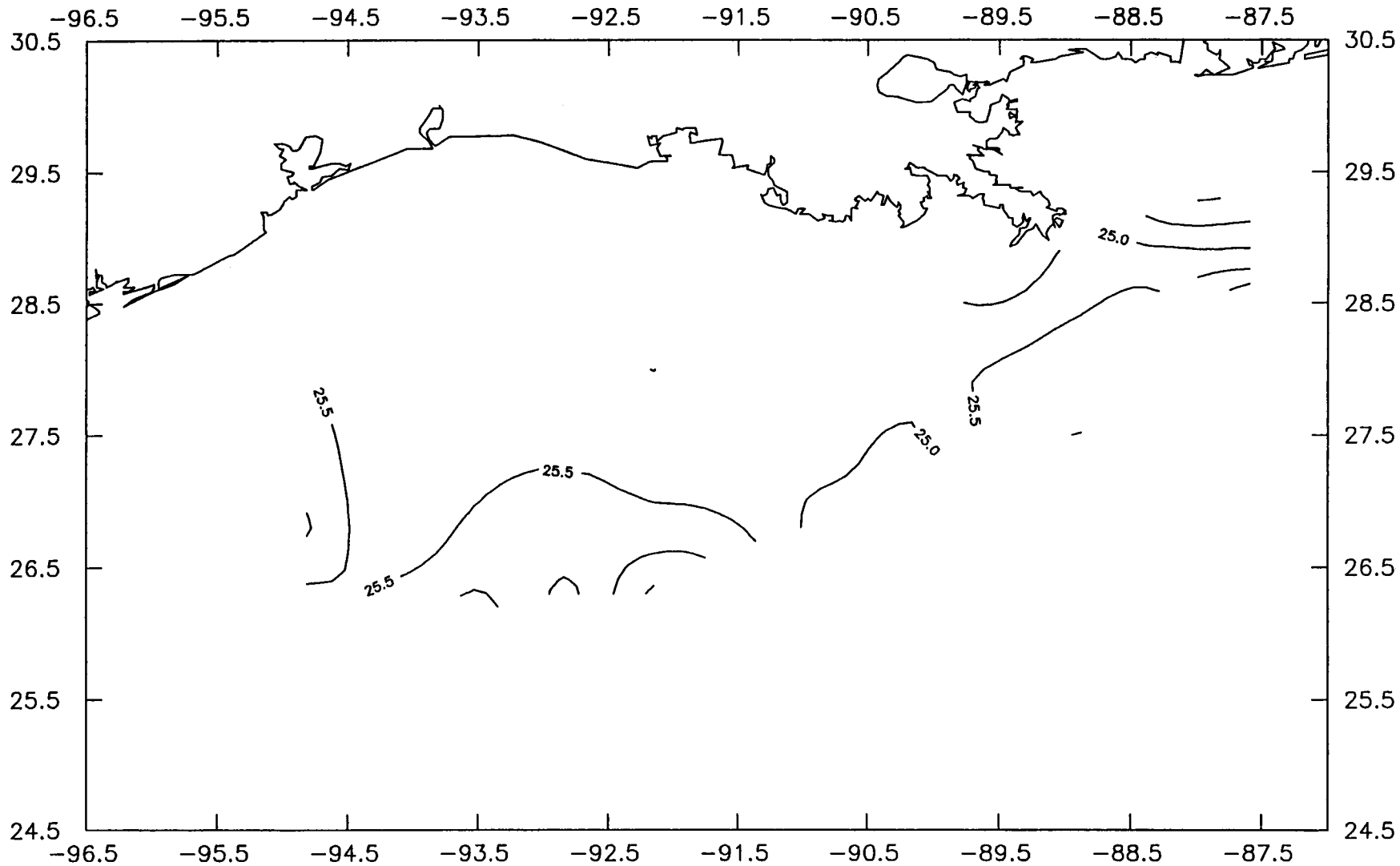
Temperature ($^{\circ}\text{C}$) at Reference Density 26 GulfCet 05



Surface Temperature (°C)

GulfCet 05

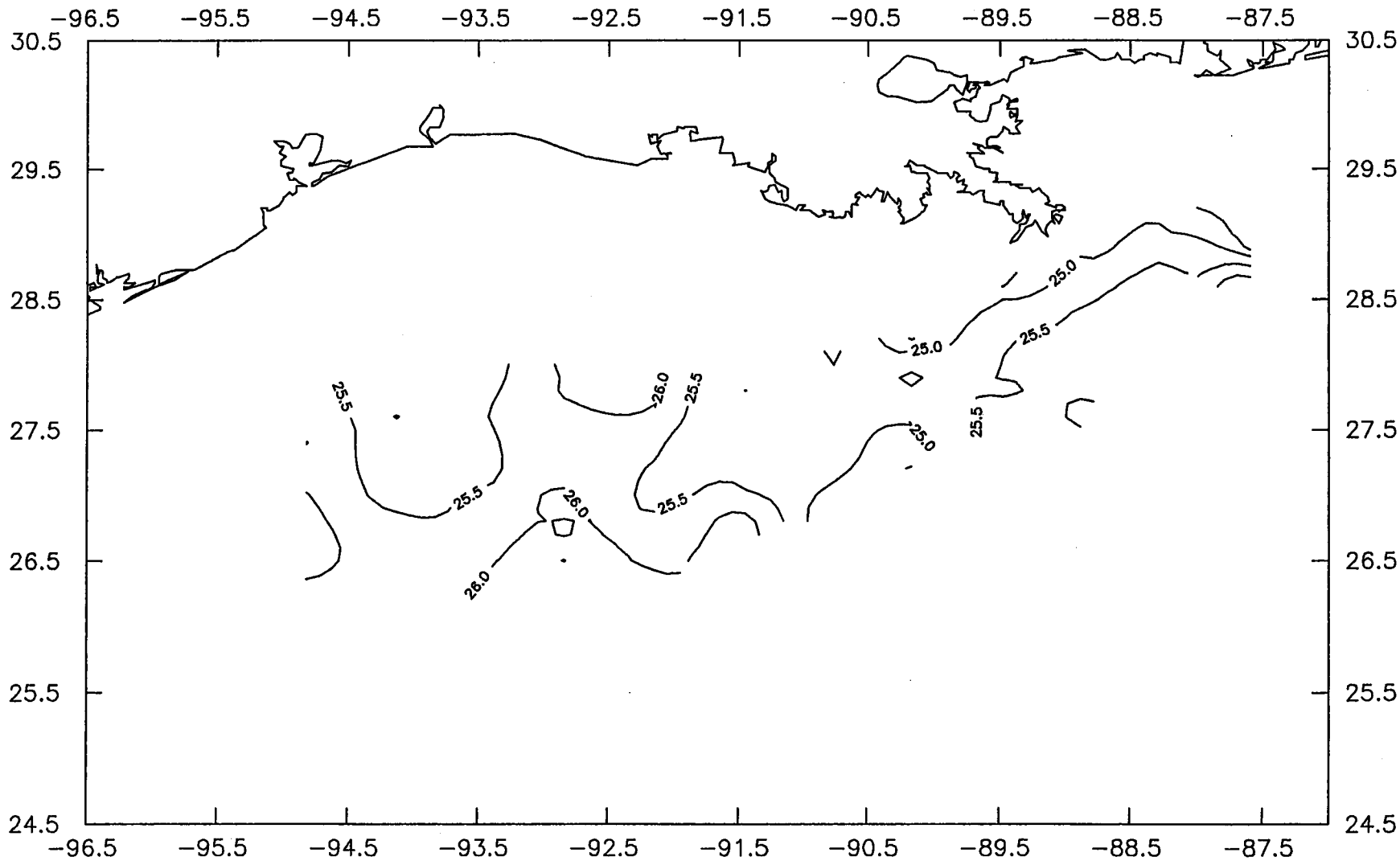
638



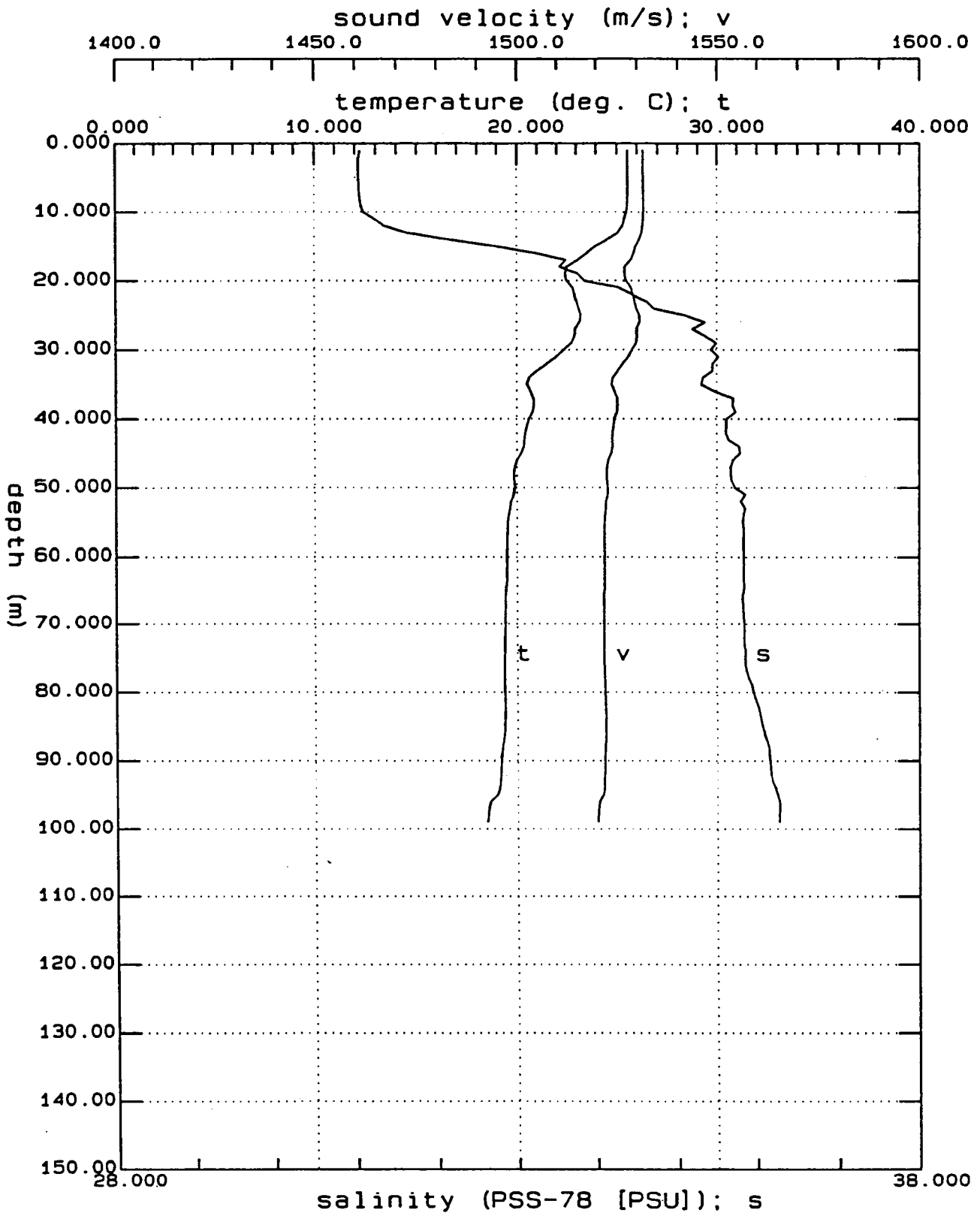
MIDAS Temperature (deg. C)

GulfCet 05

639



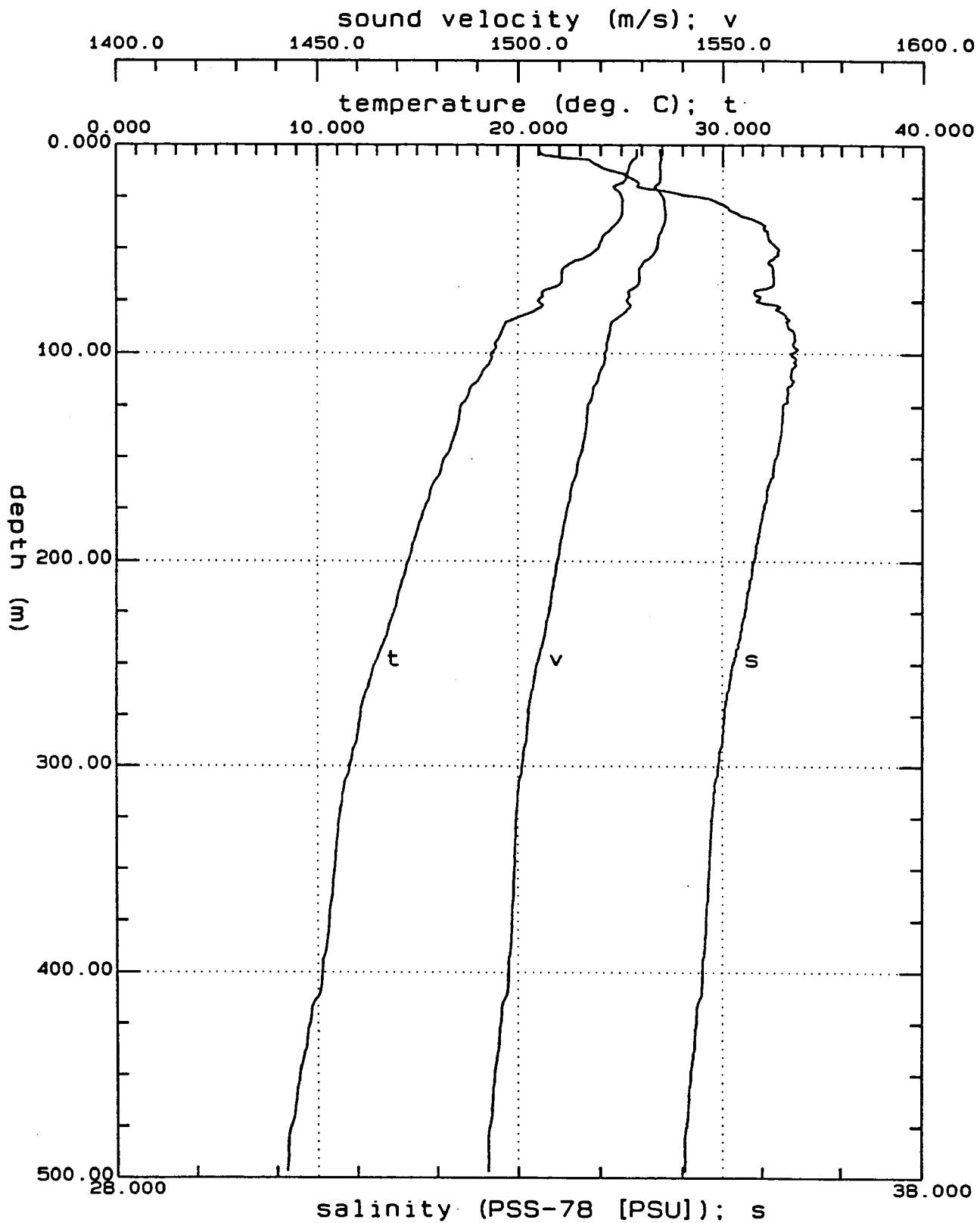
6.5 Vertical Profiles



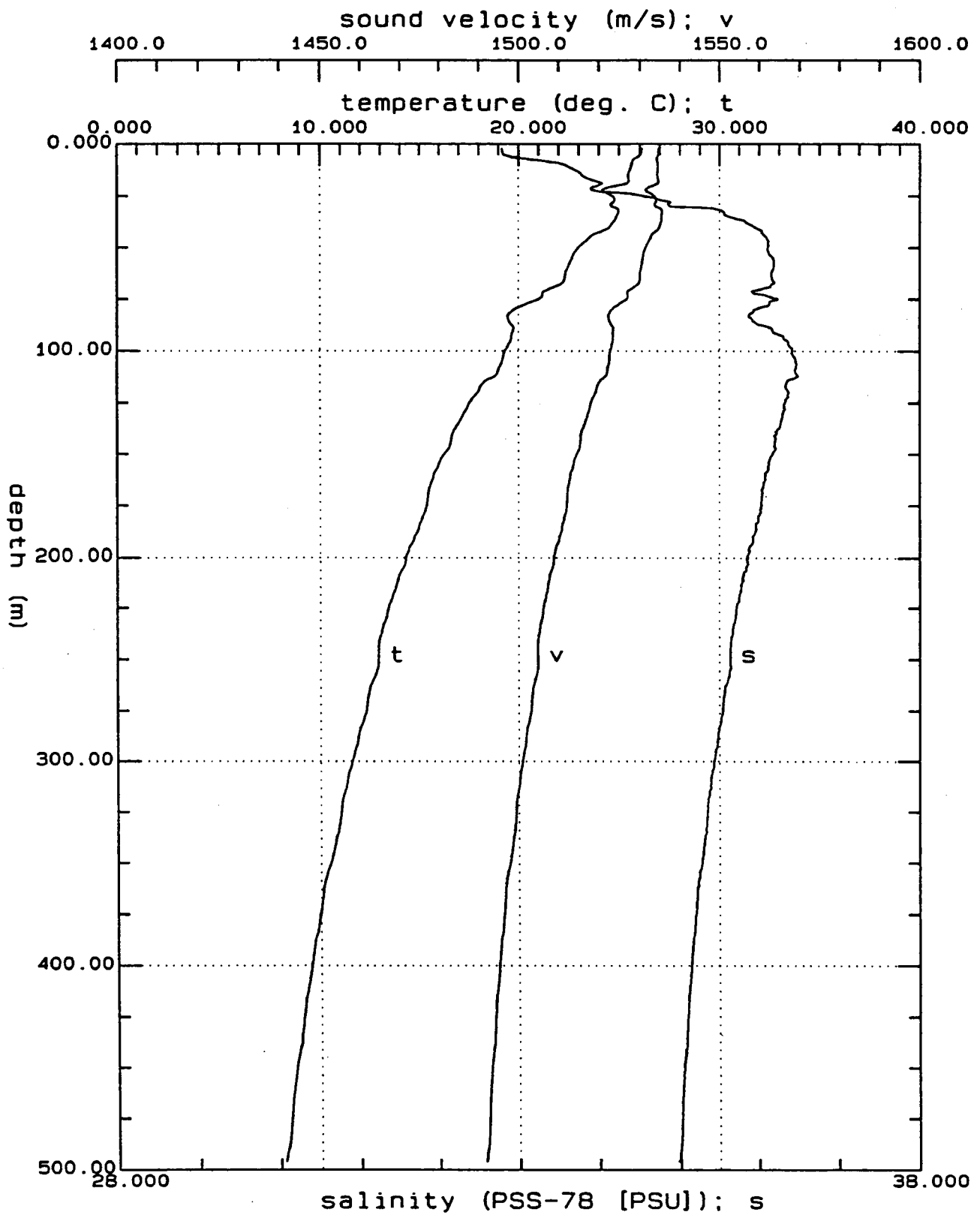
585

03-021.CNV: Gulfcet Cruise 05

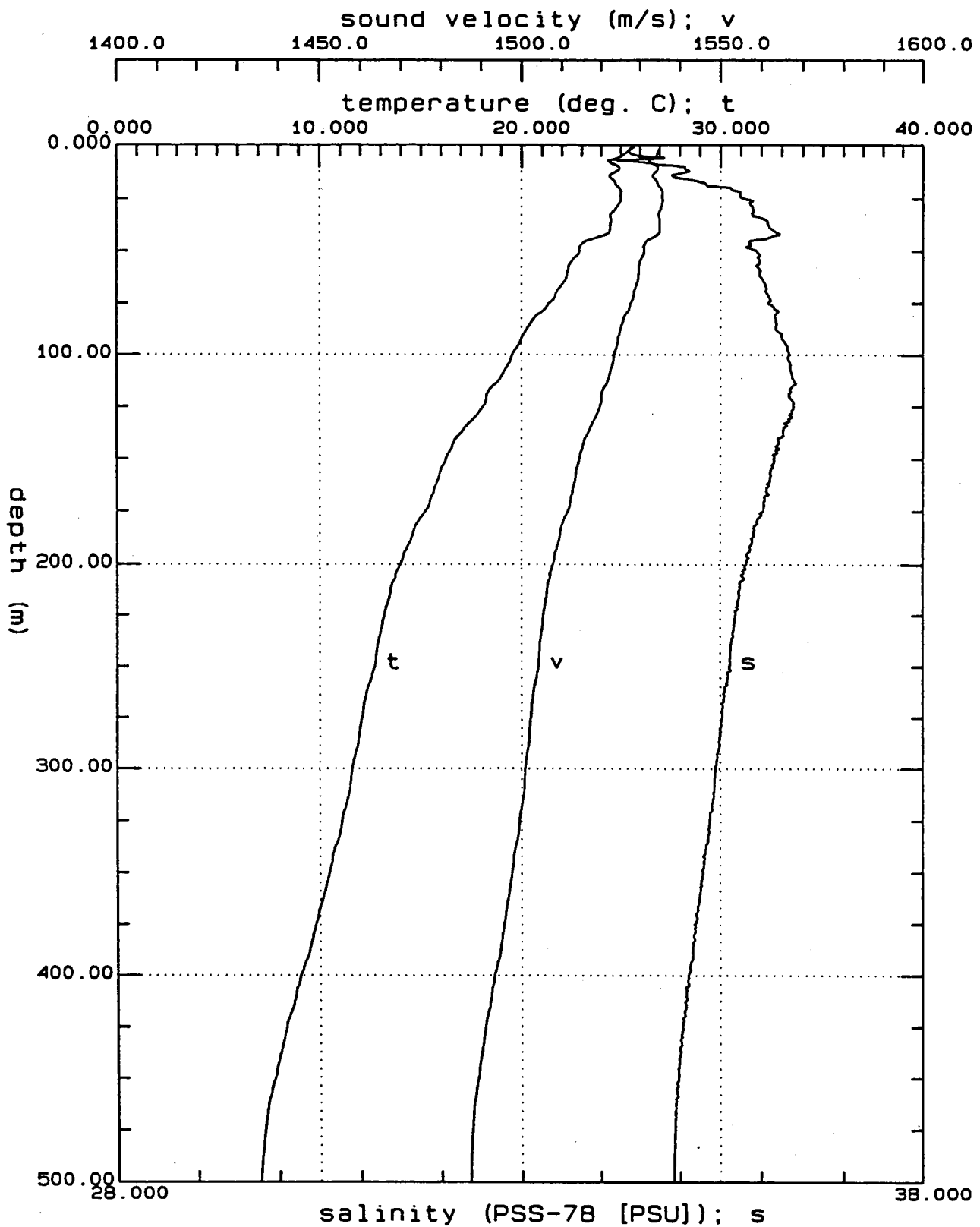
642



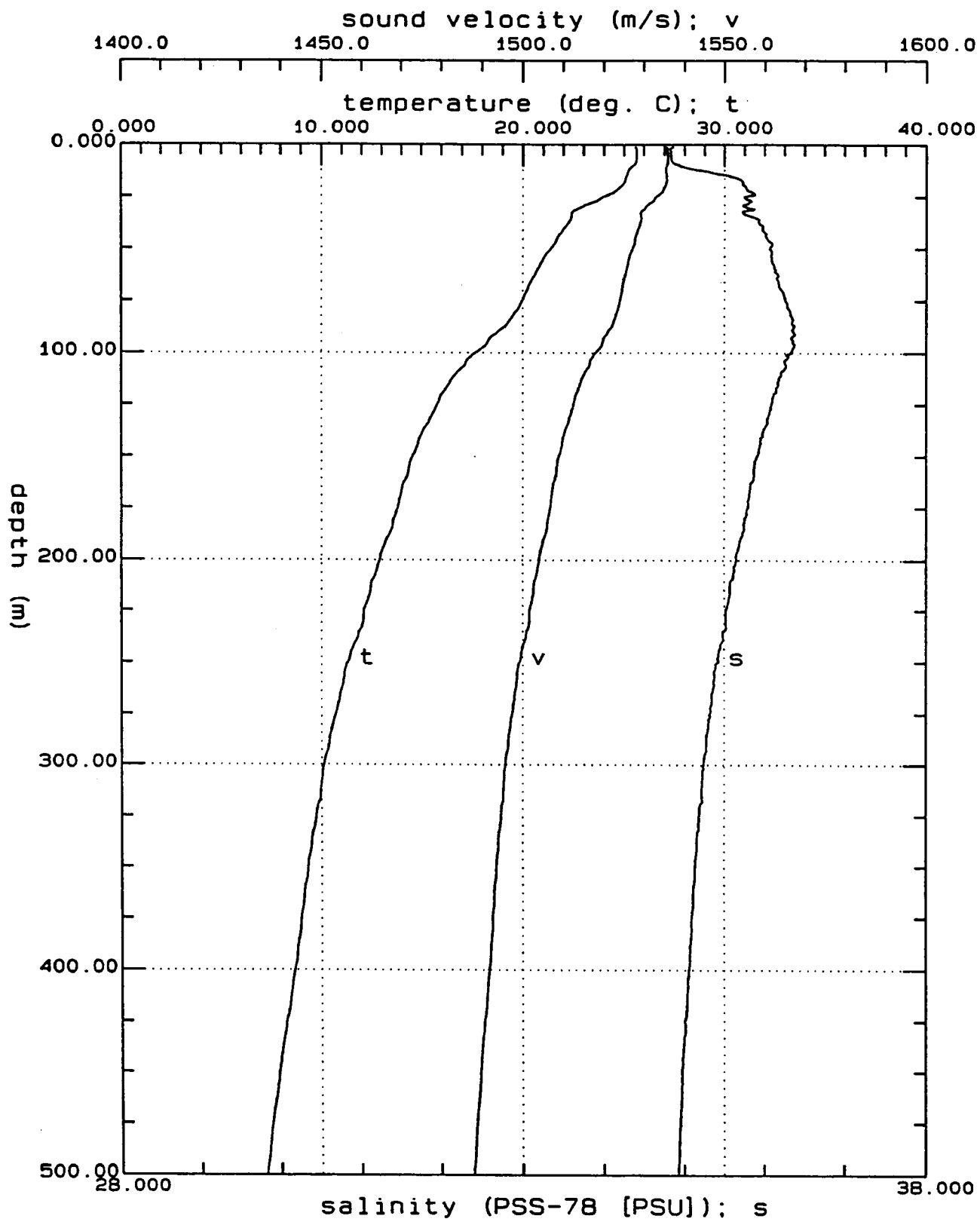
03-026.CNV: Gulfcet Cruise 05



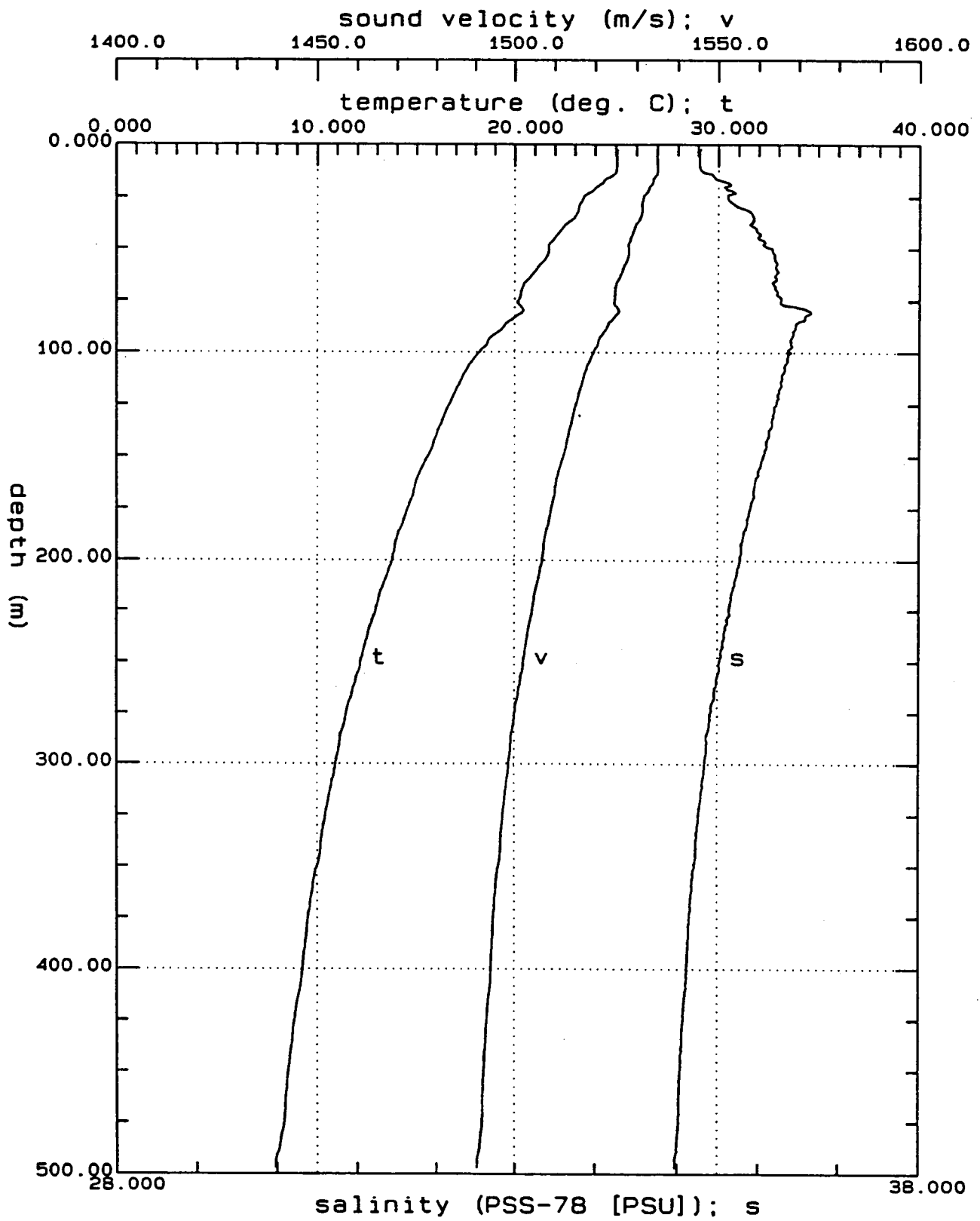
03-029.CNV: Gulfcet Cruise 05



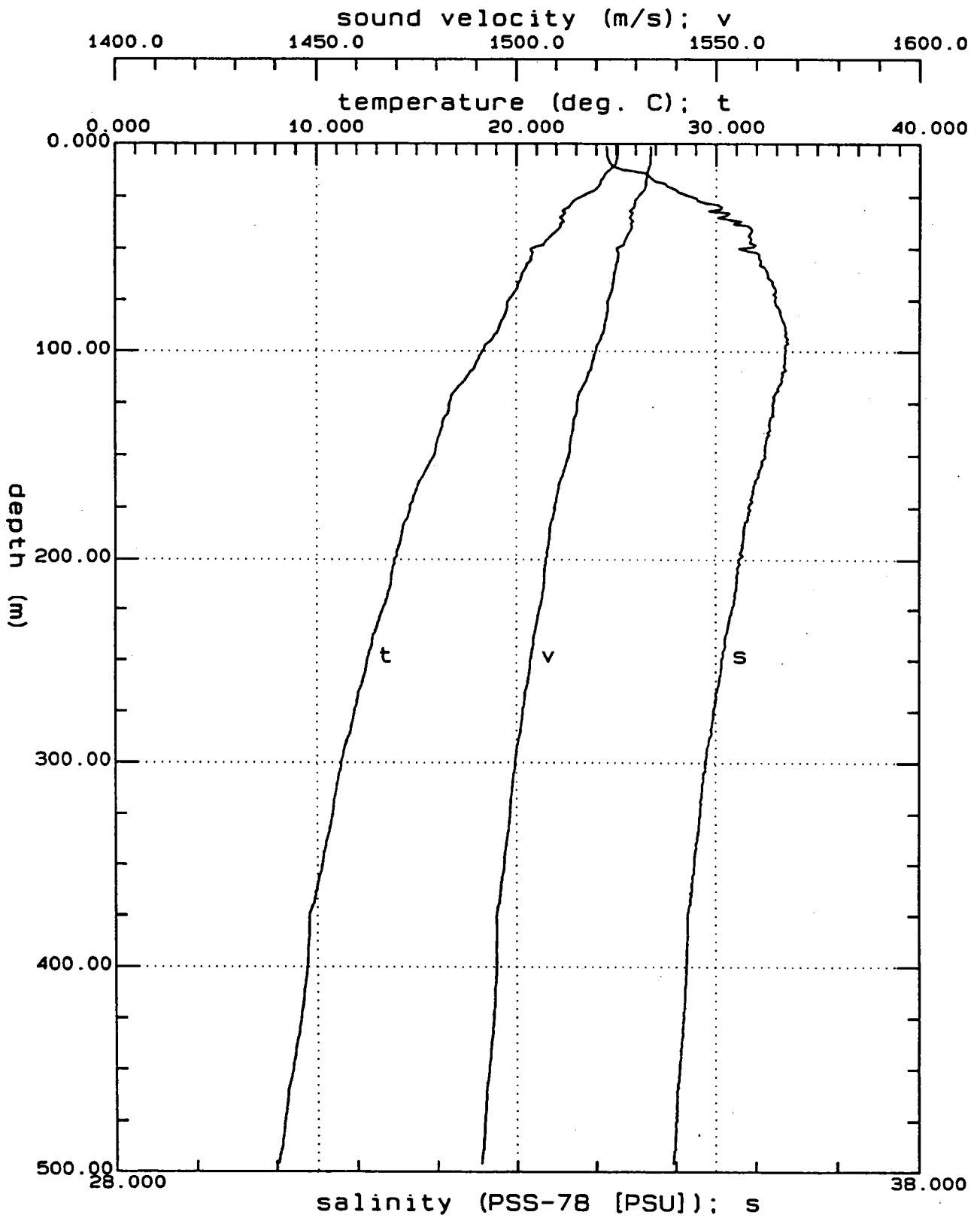
03-030.CNV: Gulfcet Cruise 05



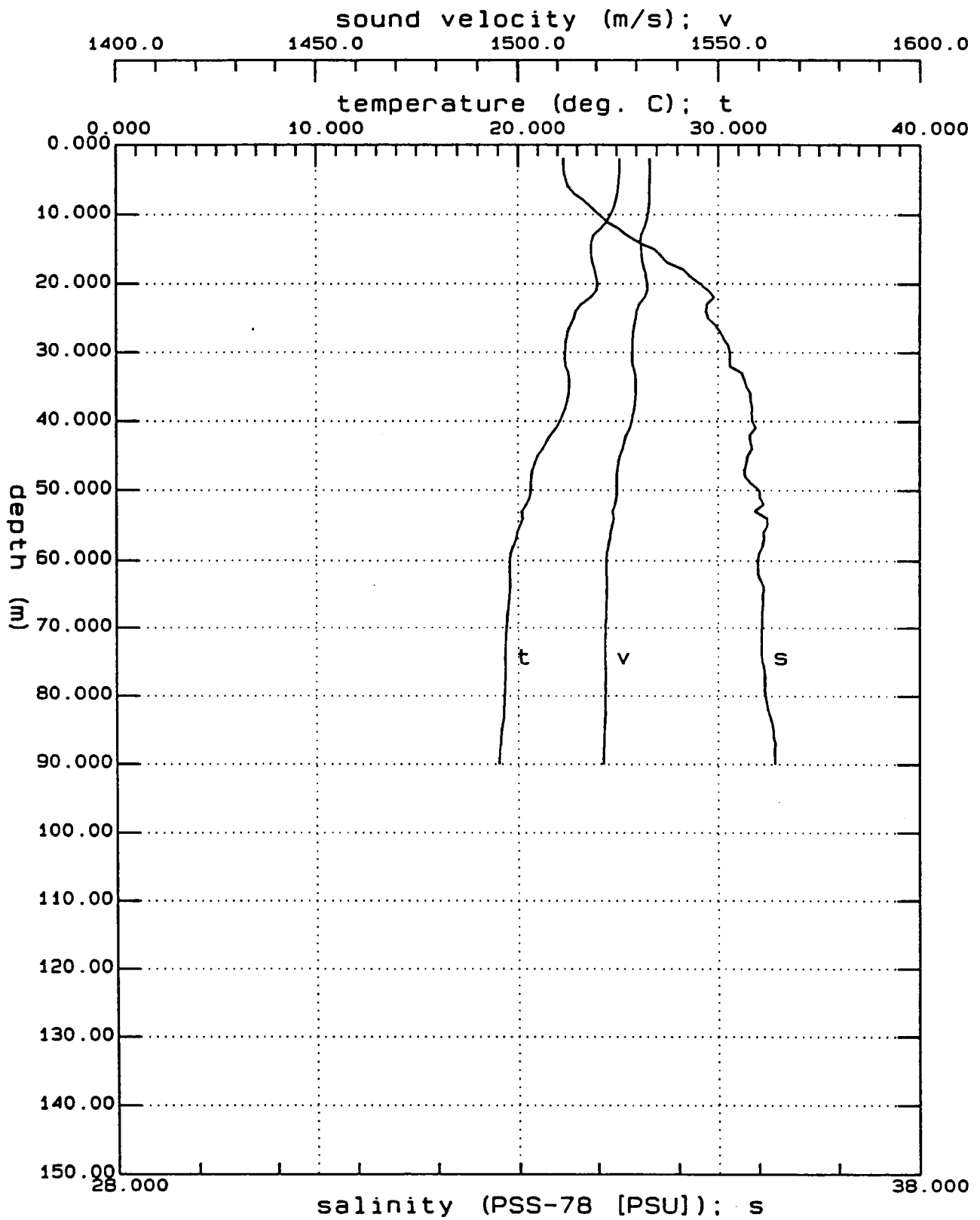
04-031.CNV: Gulfcet Cruise 05



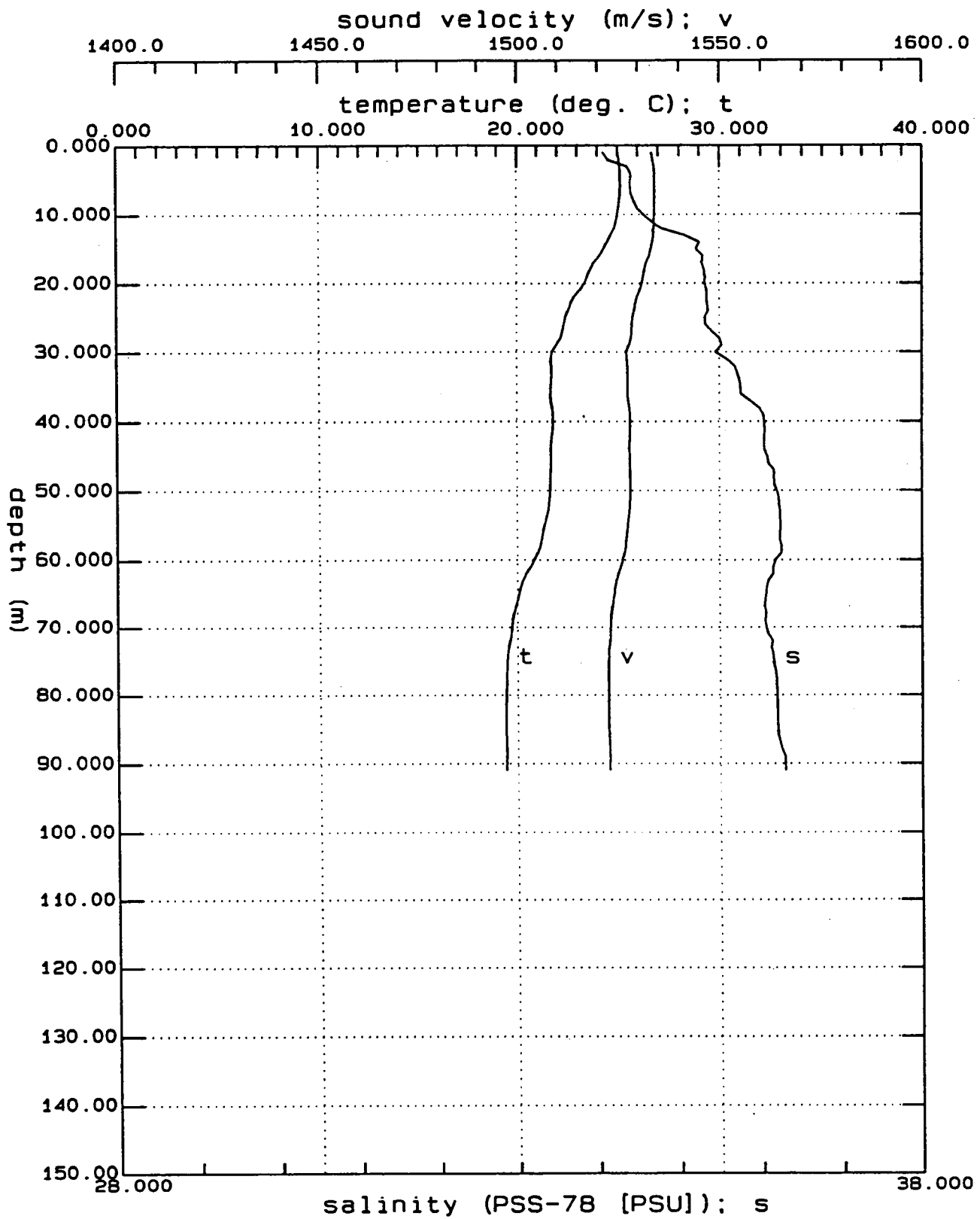
04-033.CNV: Gulfcet Cruise 05



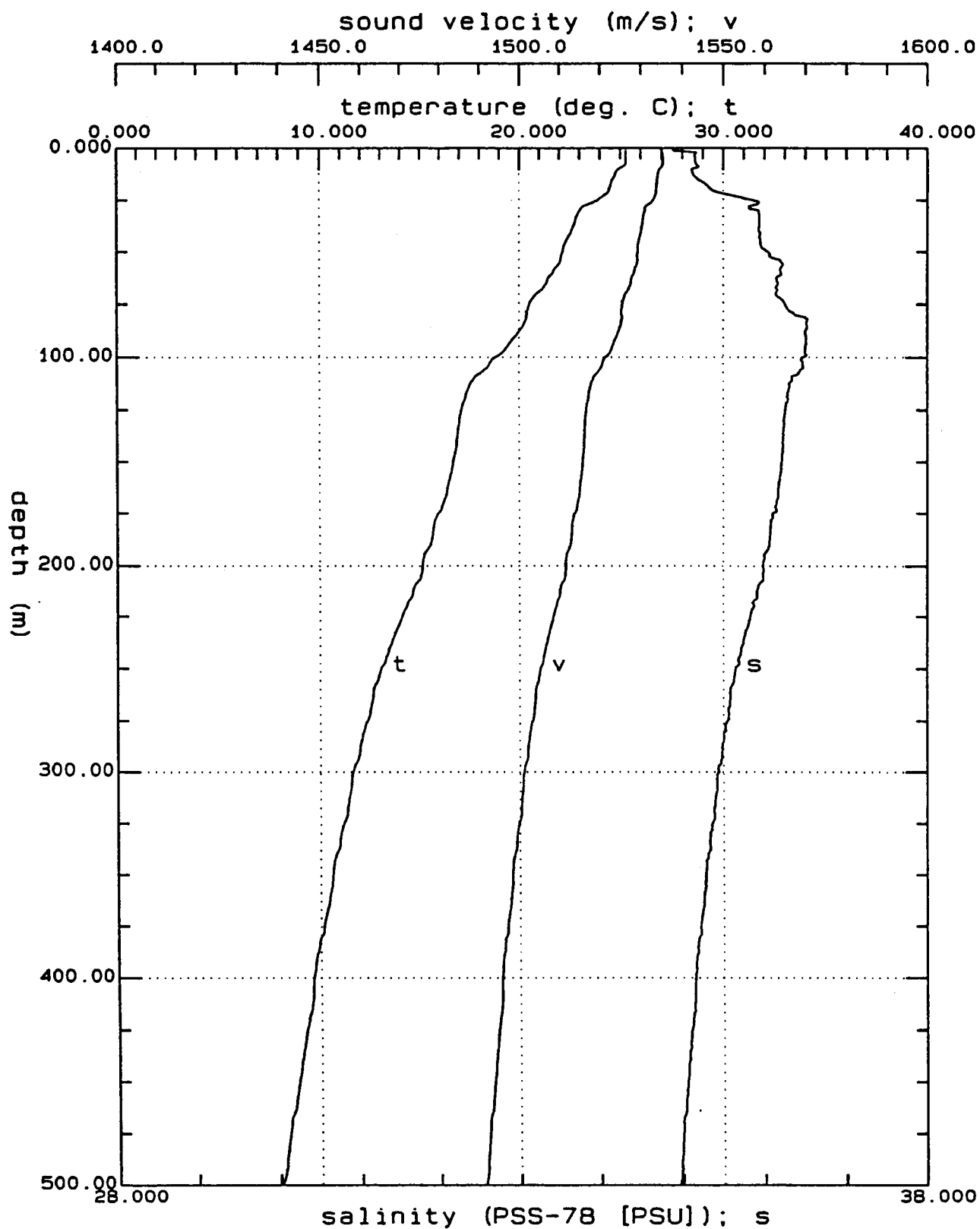
04-036.CNV: Gulfcet Cruise 05



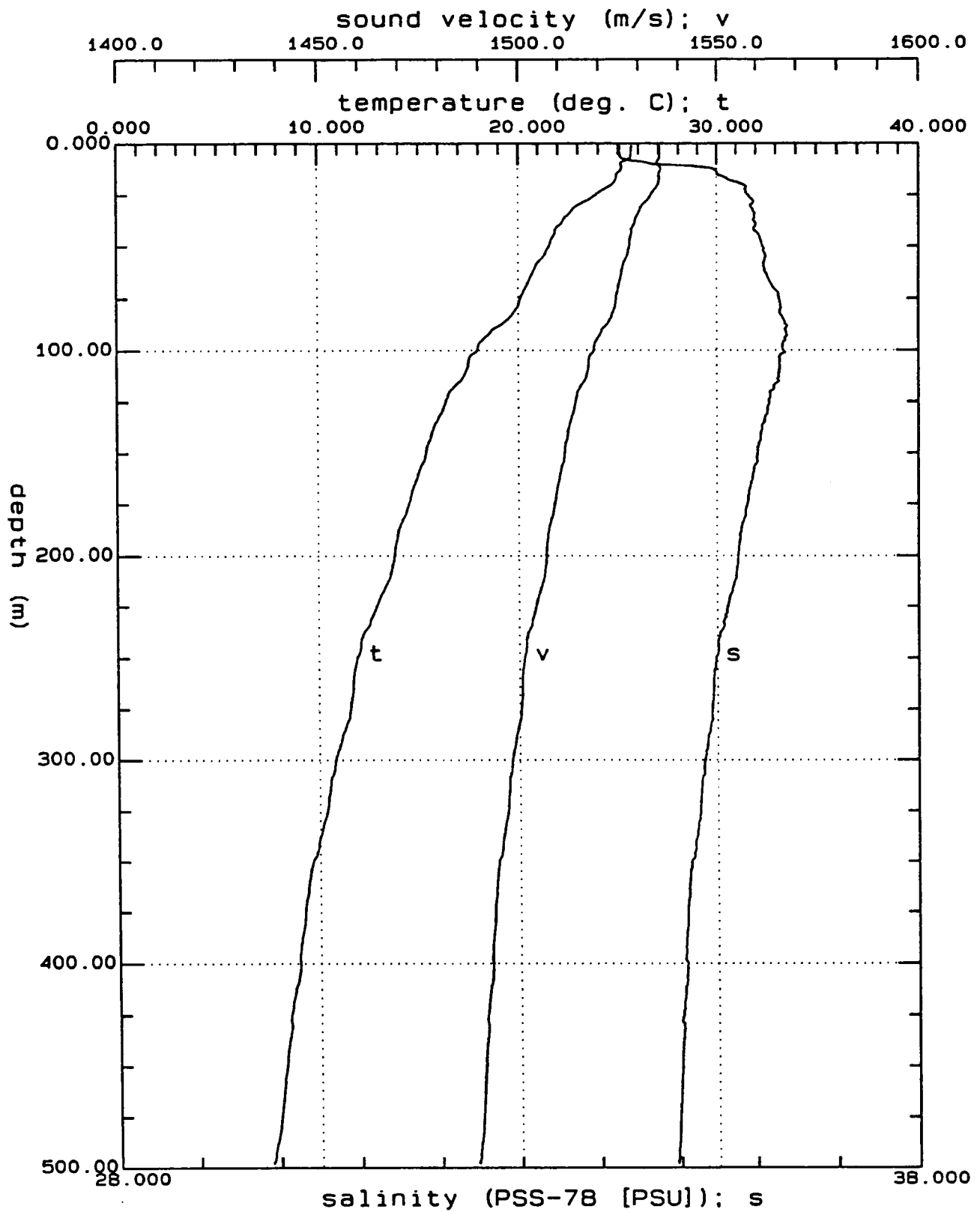
04-042.CNV: Gulfcet Cruise 05



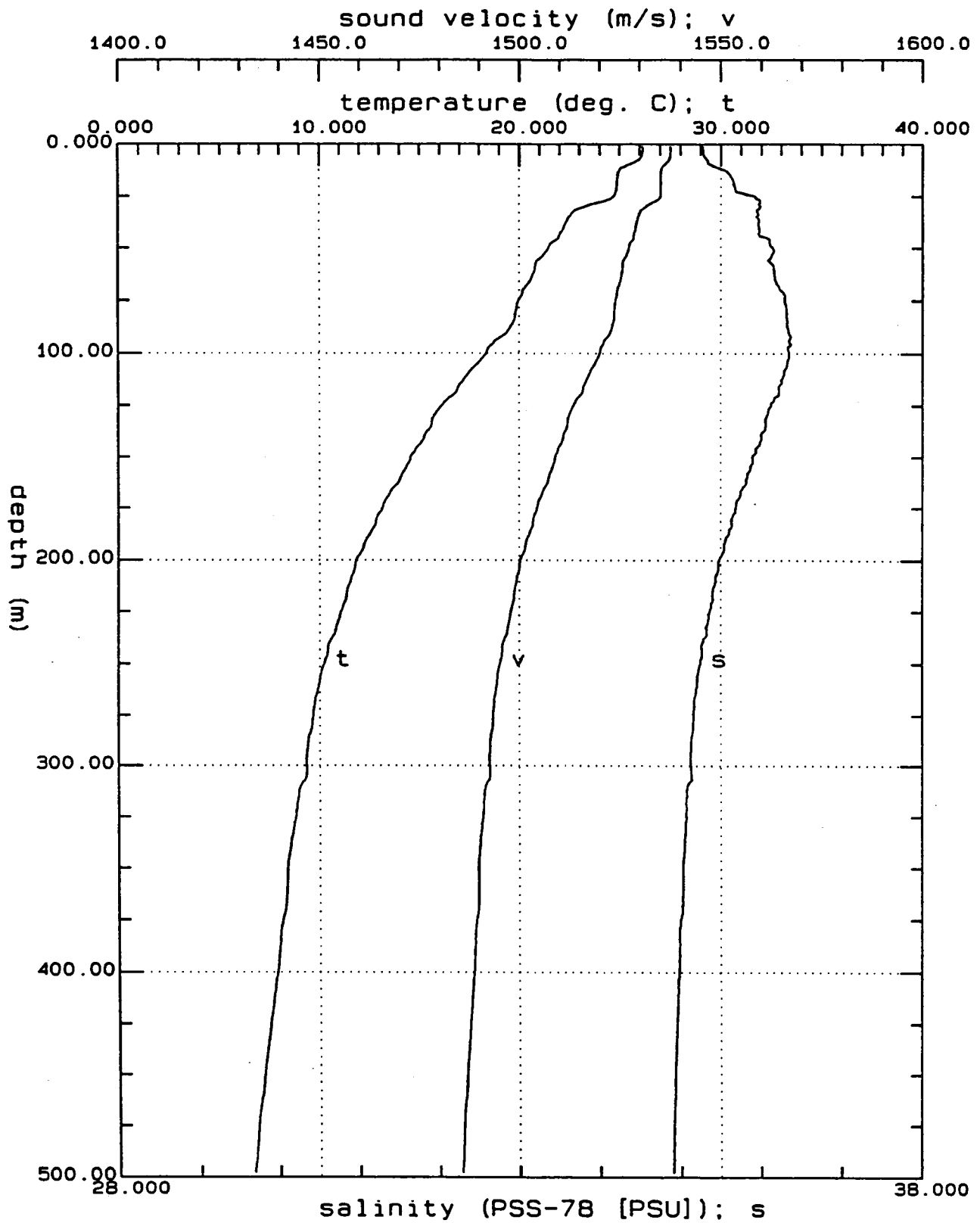
05-043.CNV: Gulfcet Cruise 05



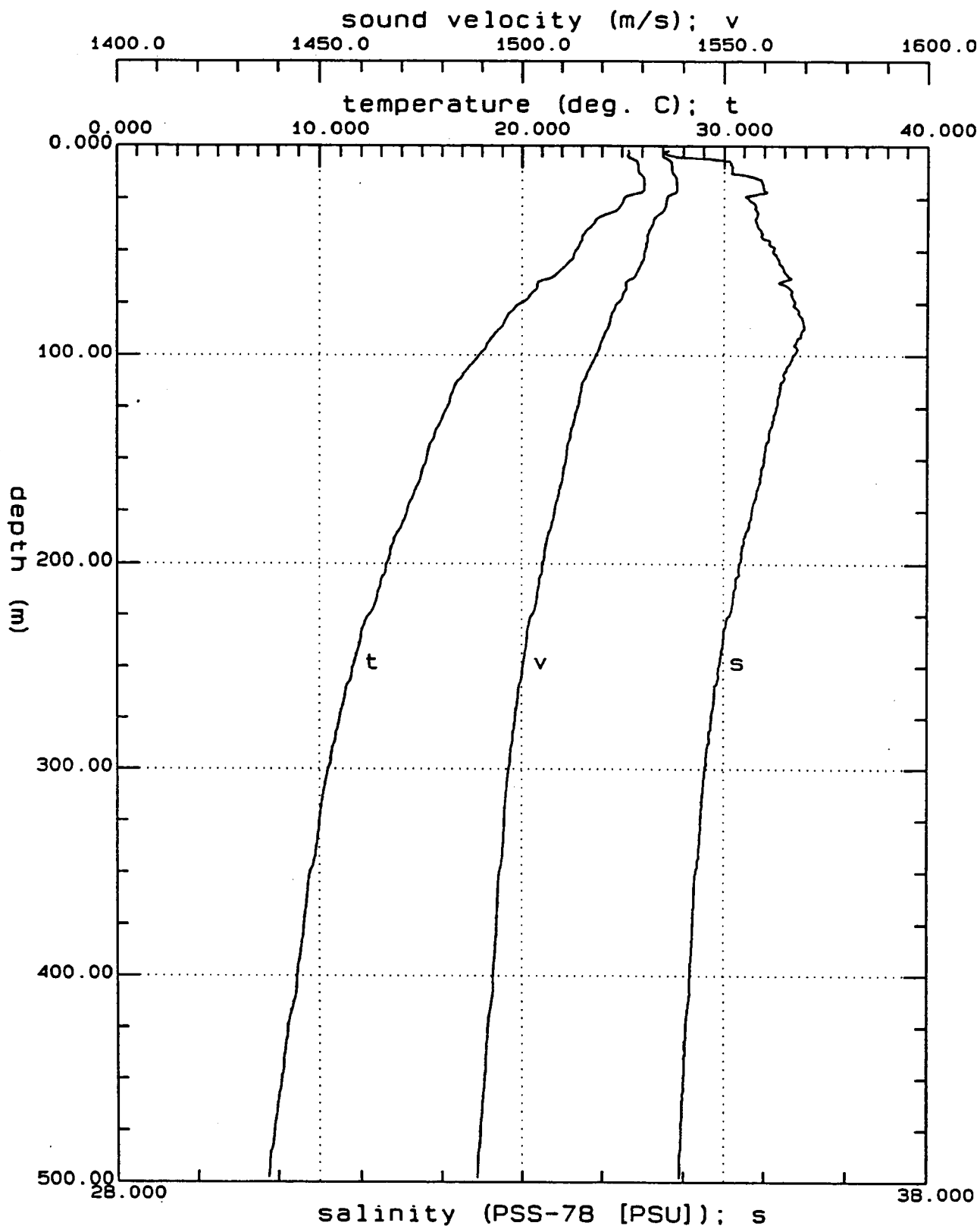
05-047.CNV: Gulfcet Cruise 05



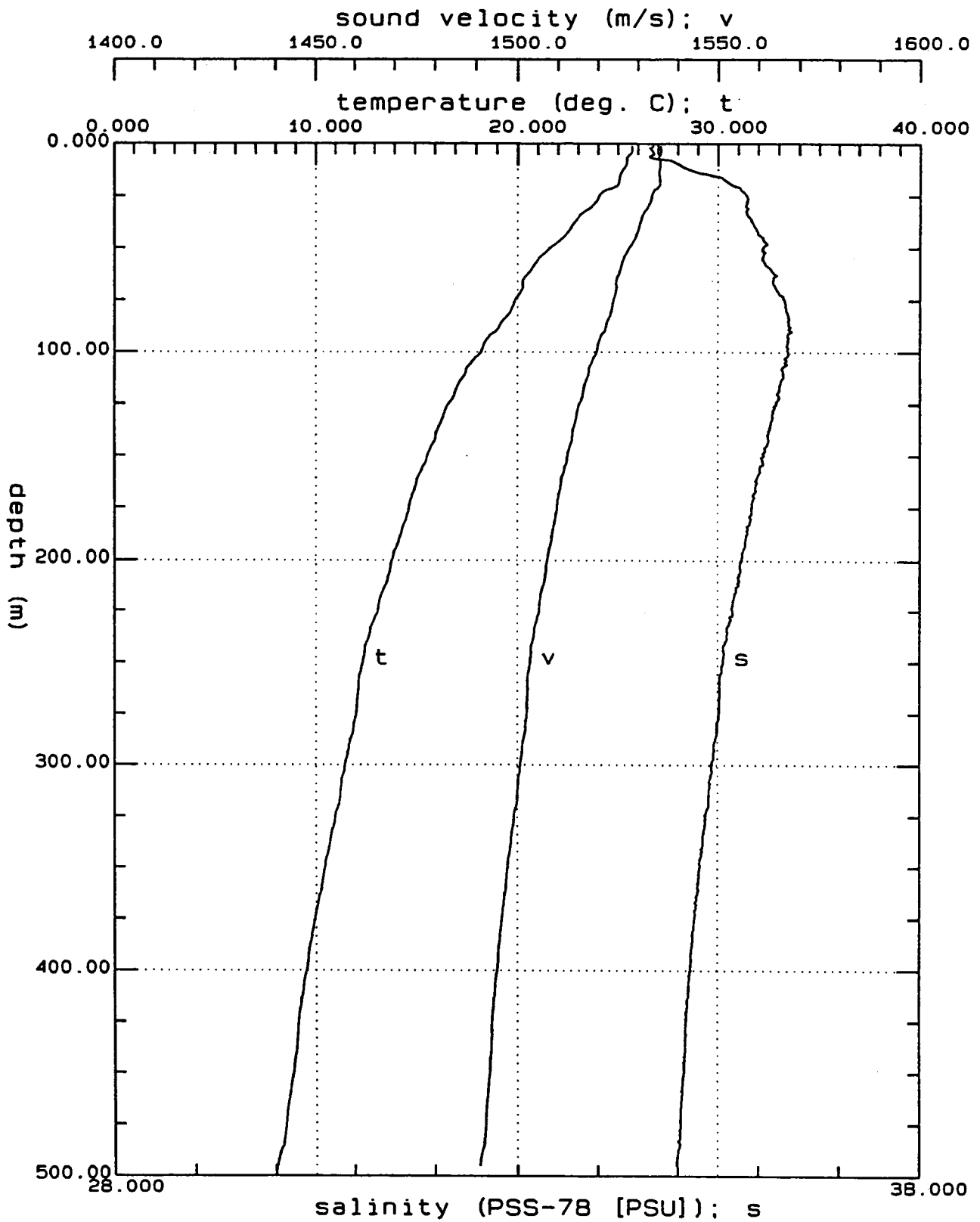
05-050.CNV: Gulfcet Cruise 05



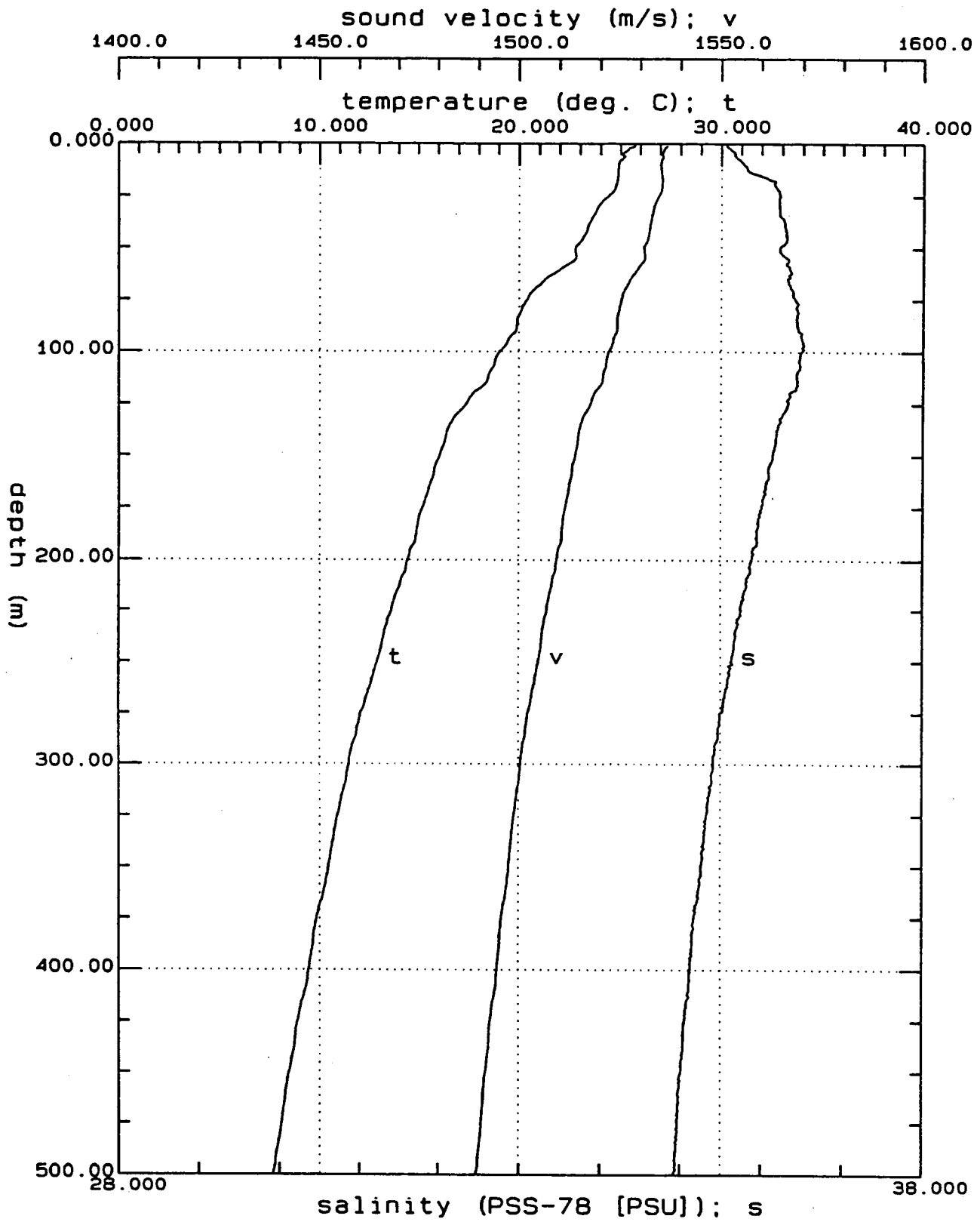
05-053.CNV: Gulfcet Cruise 05



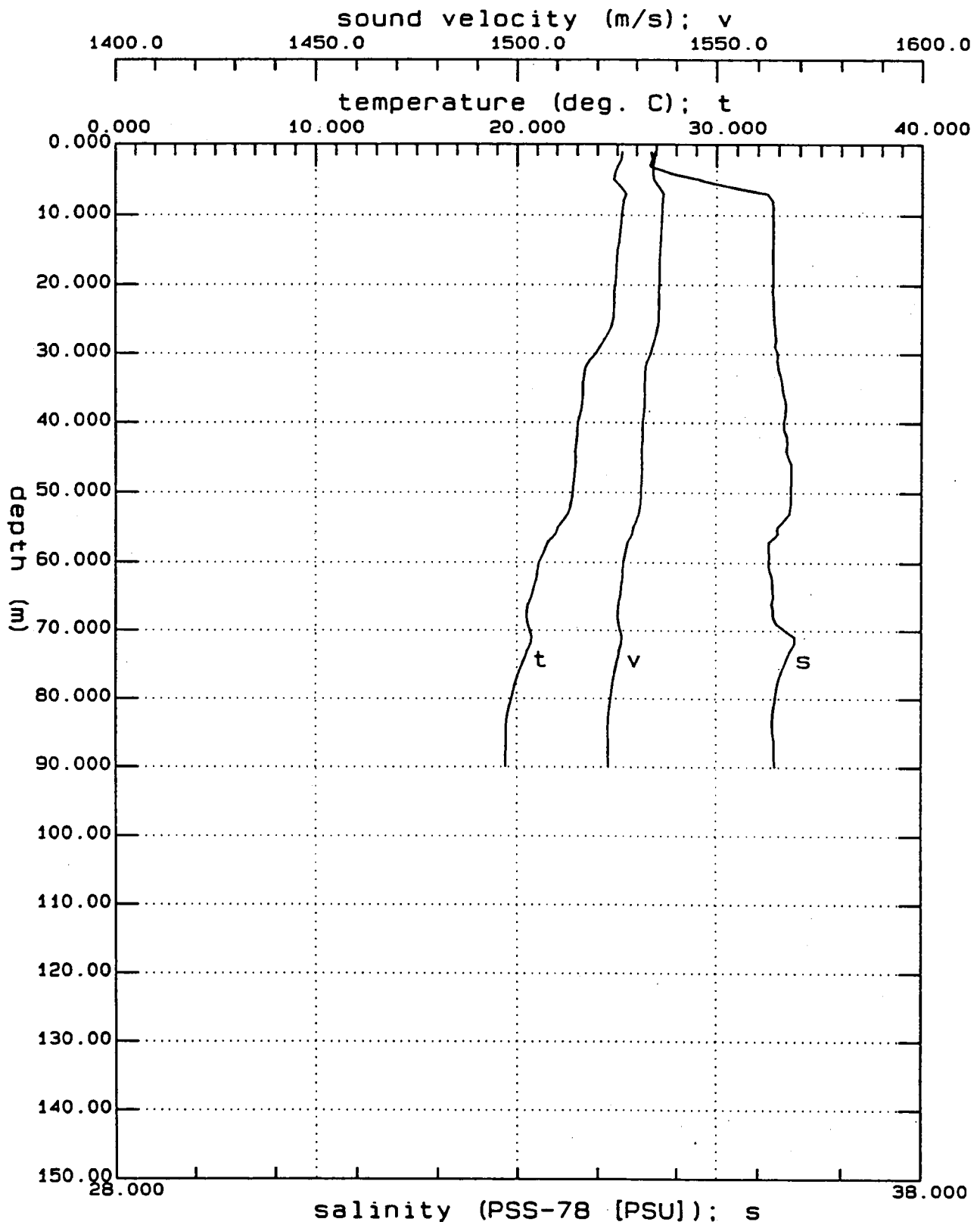
06-054.CNV: Gulfcet Cruise 05



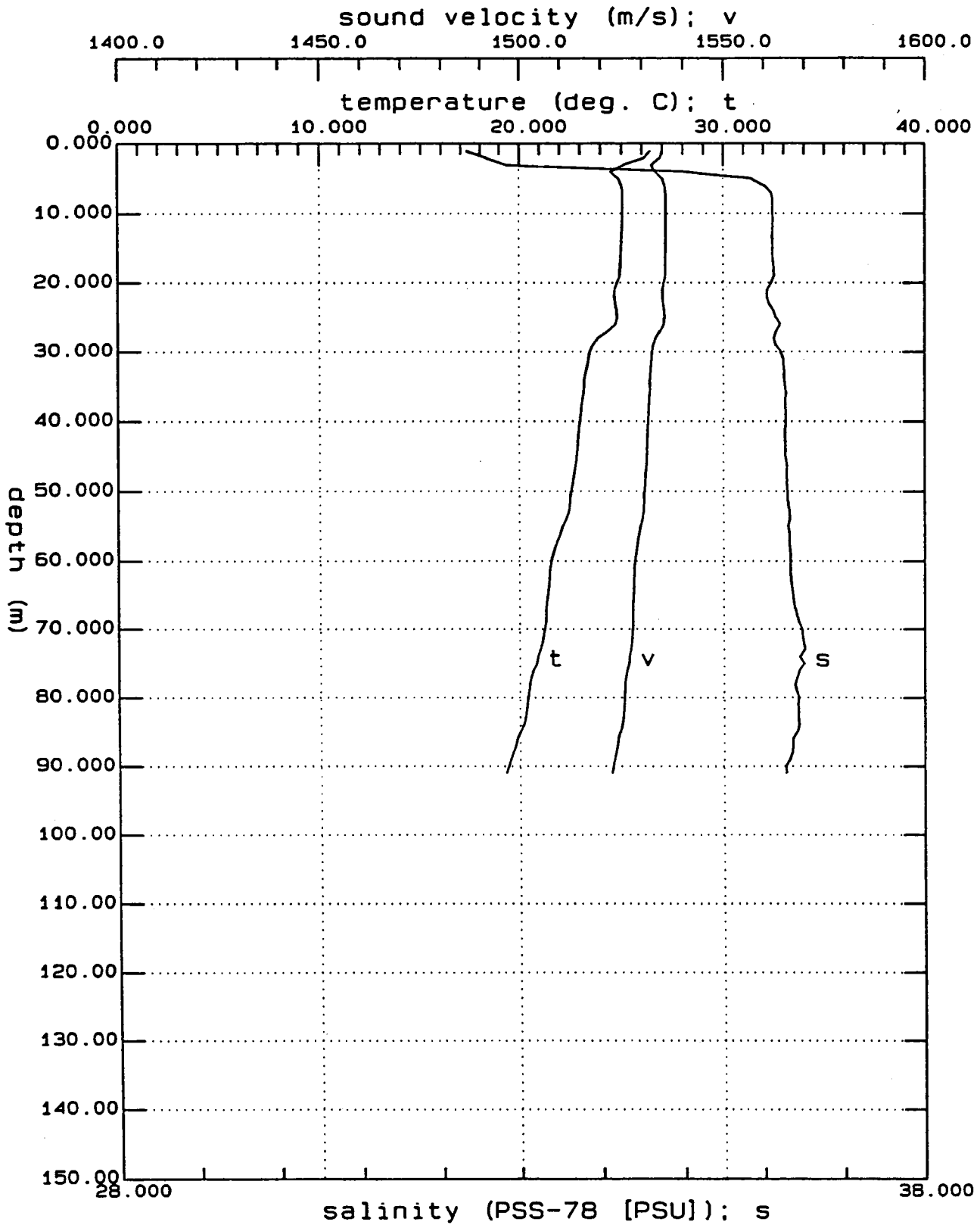
06-055.CNV: Gulfcet Cruise 05



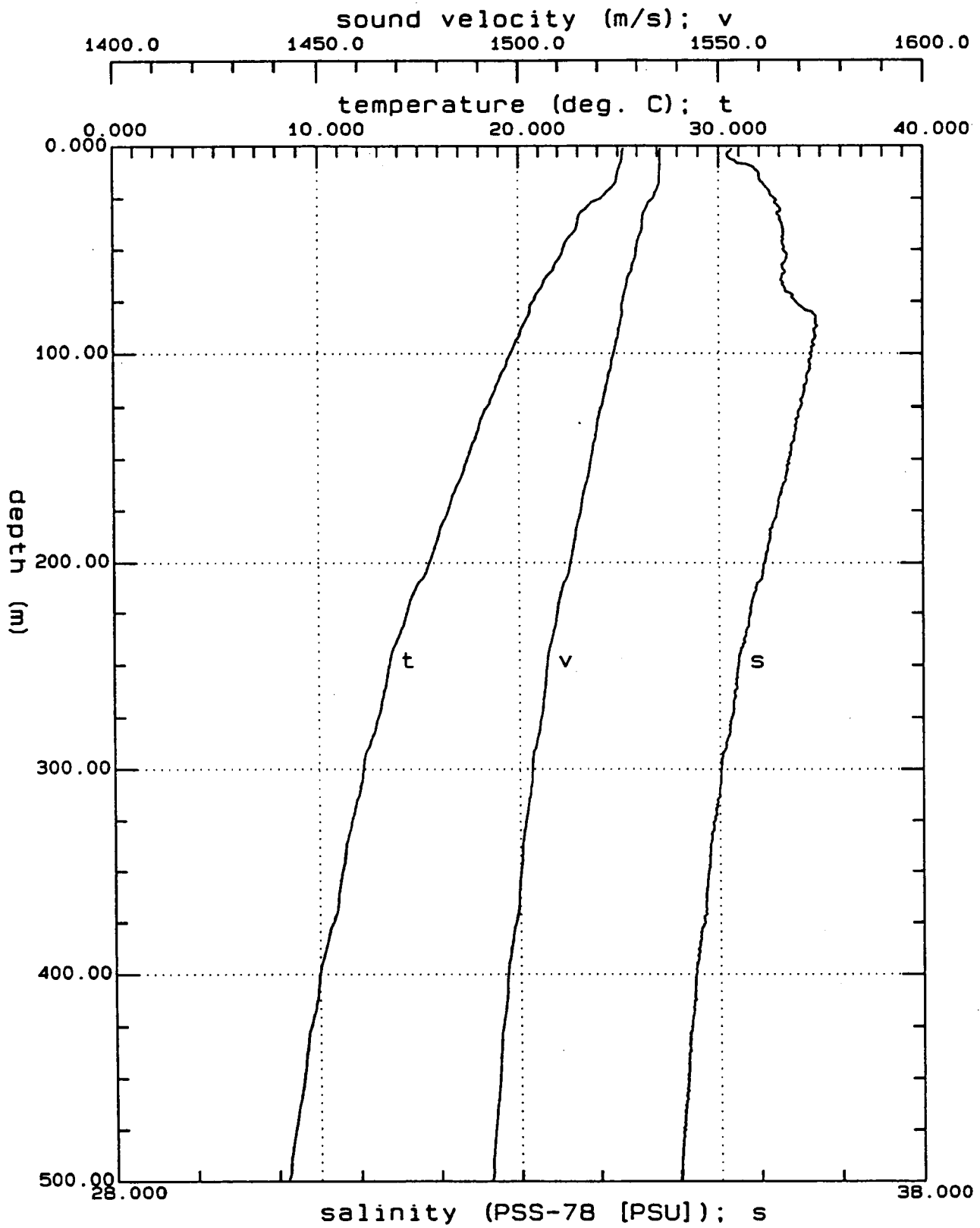
06-059.CNV: Gulfcet Cruise 05



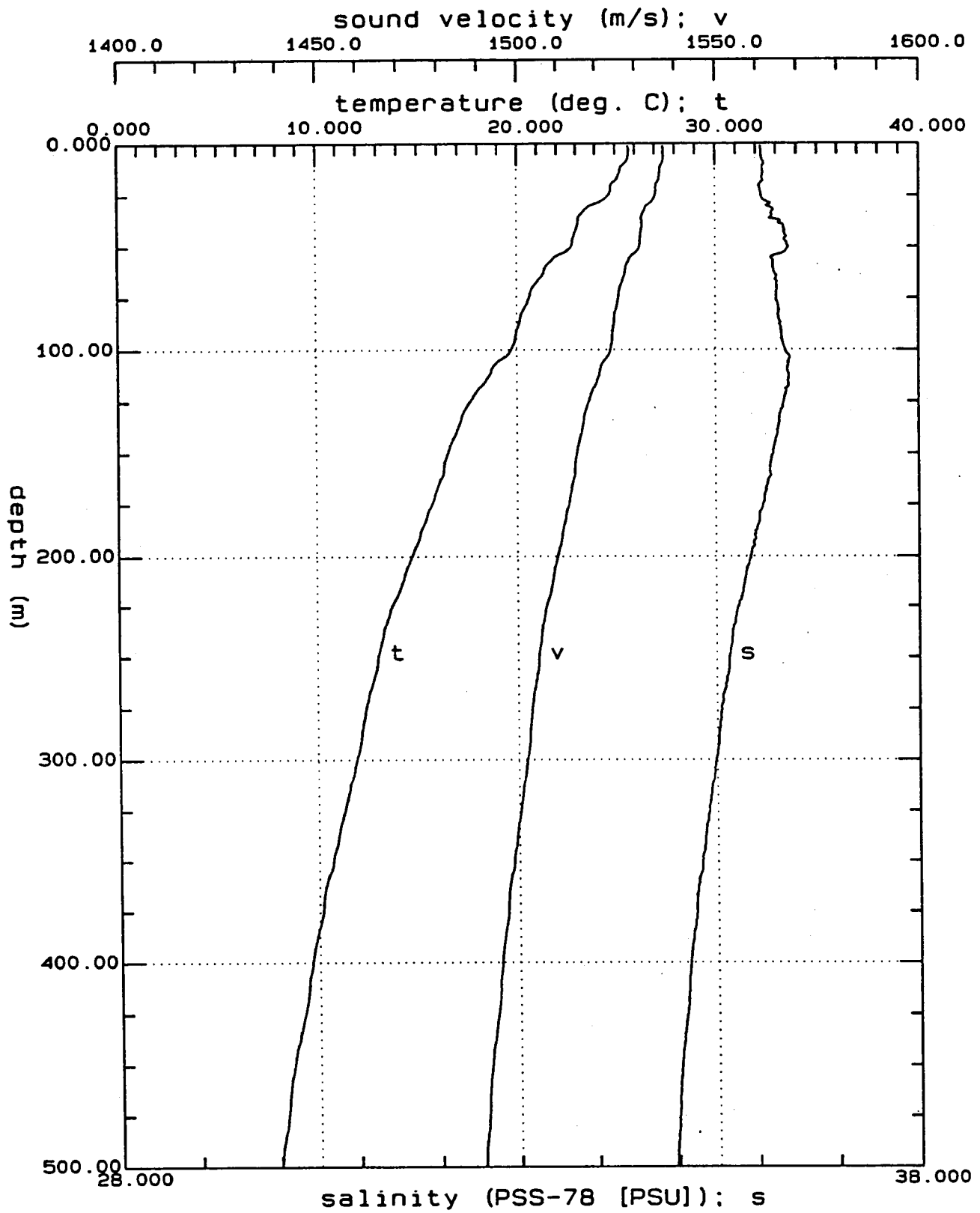
06-064.CNV: Gulfcet Cruise 05



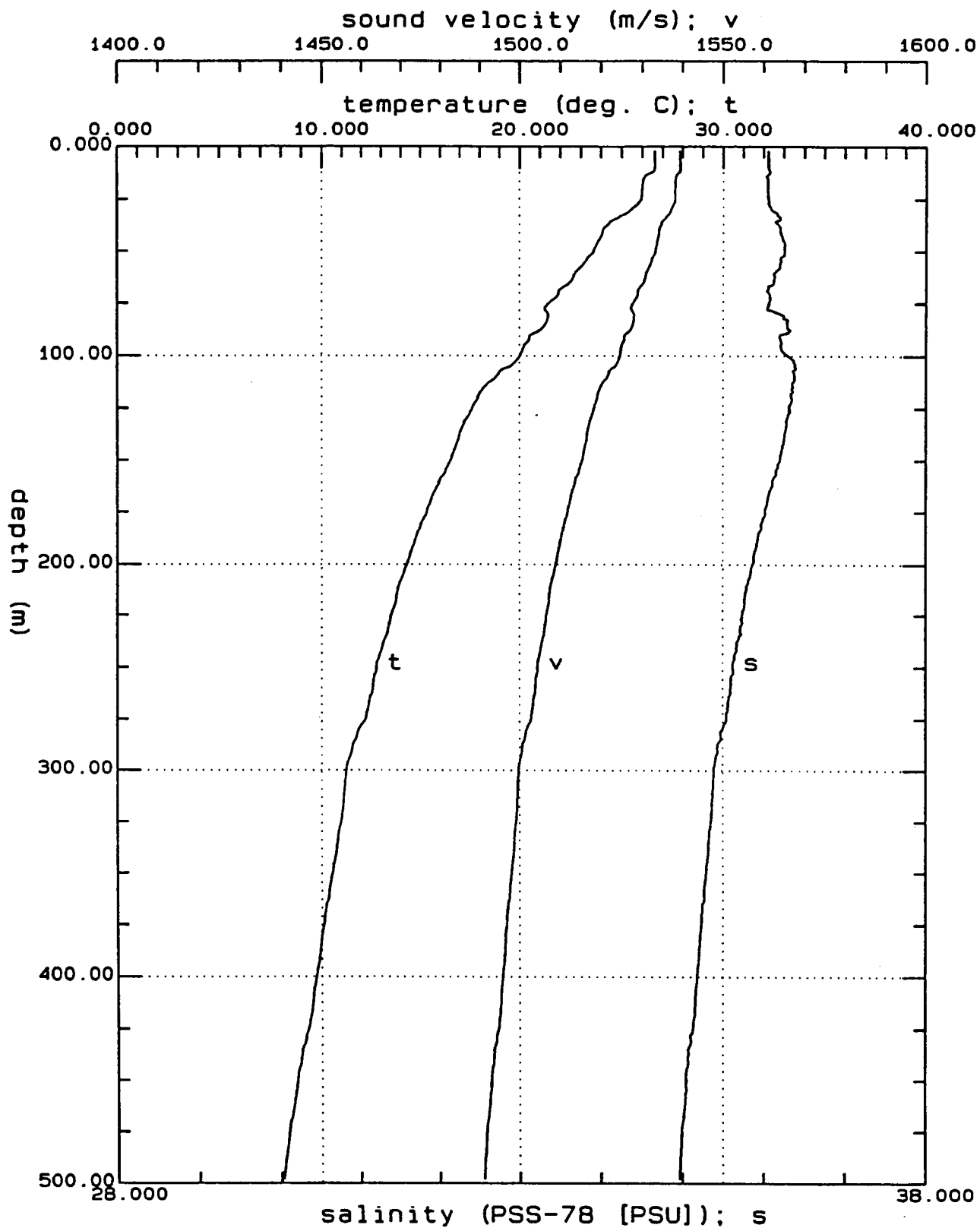
07-065.CNV: Gulfcet Cruise 05



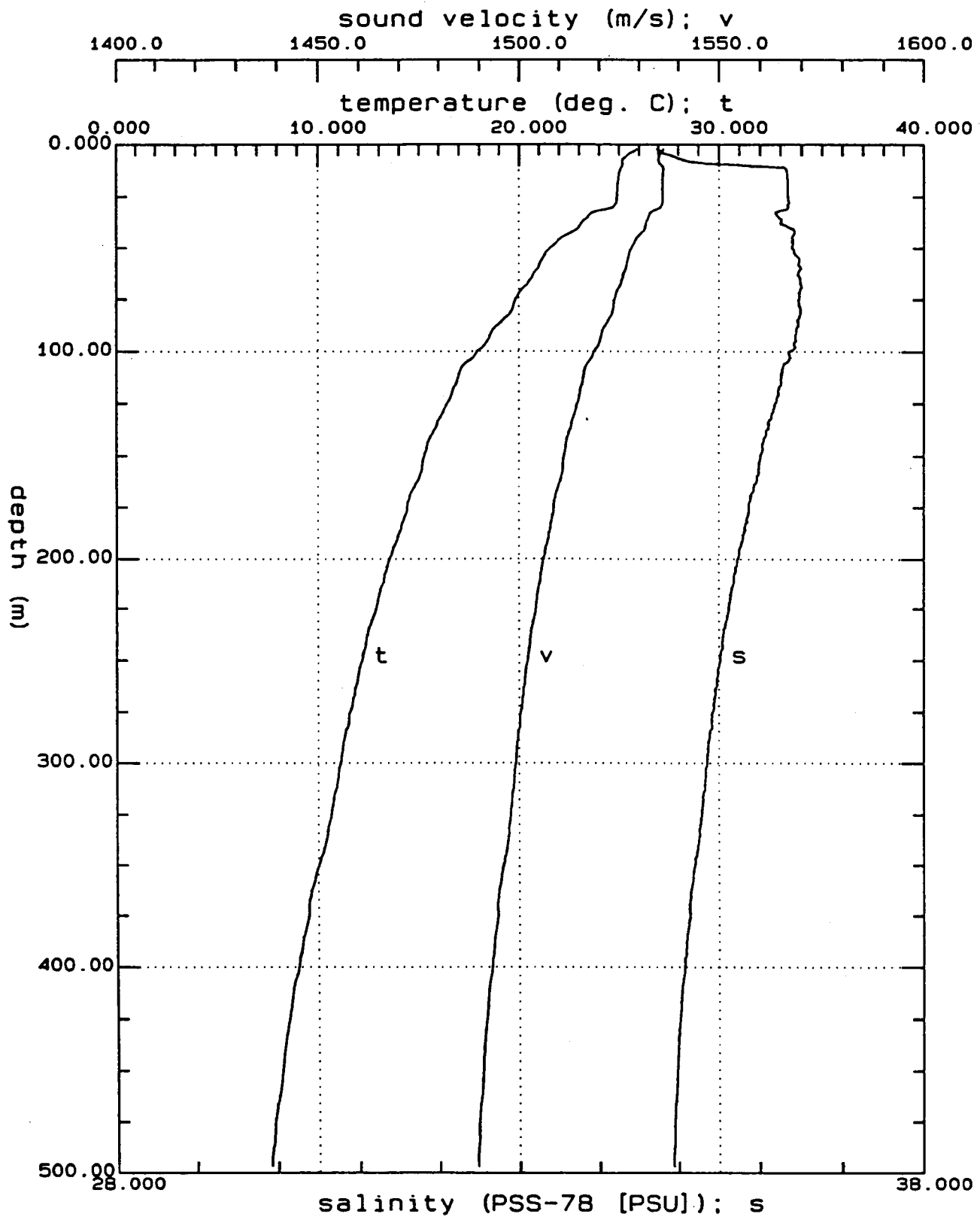
07-071.CNV: Gulfcet Cruise 05



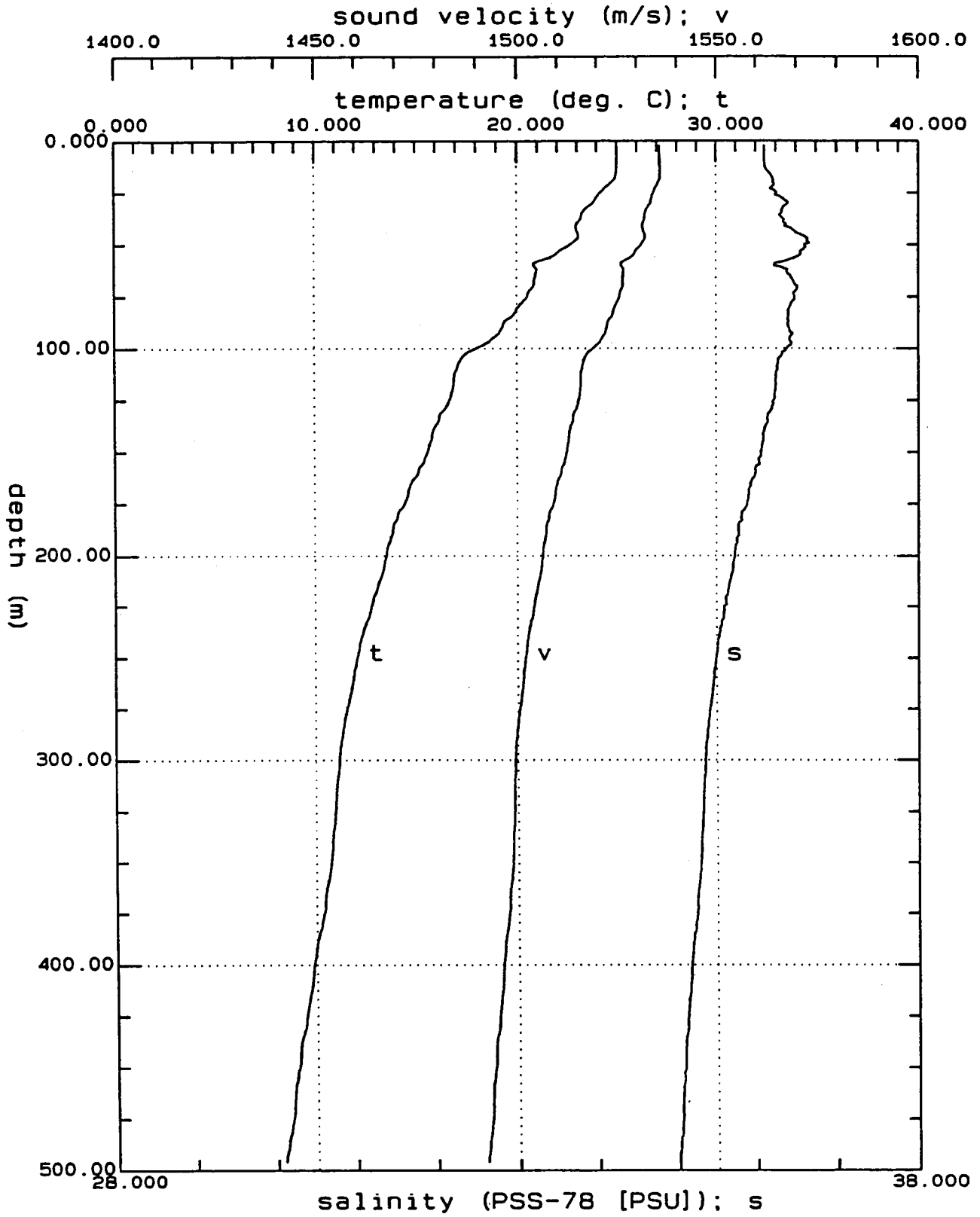
07-073.CNV: Gulfcet Cruise 05



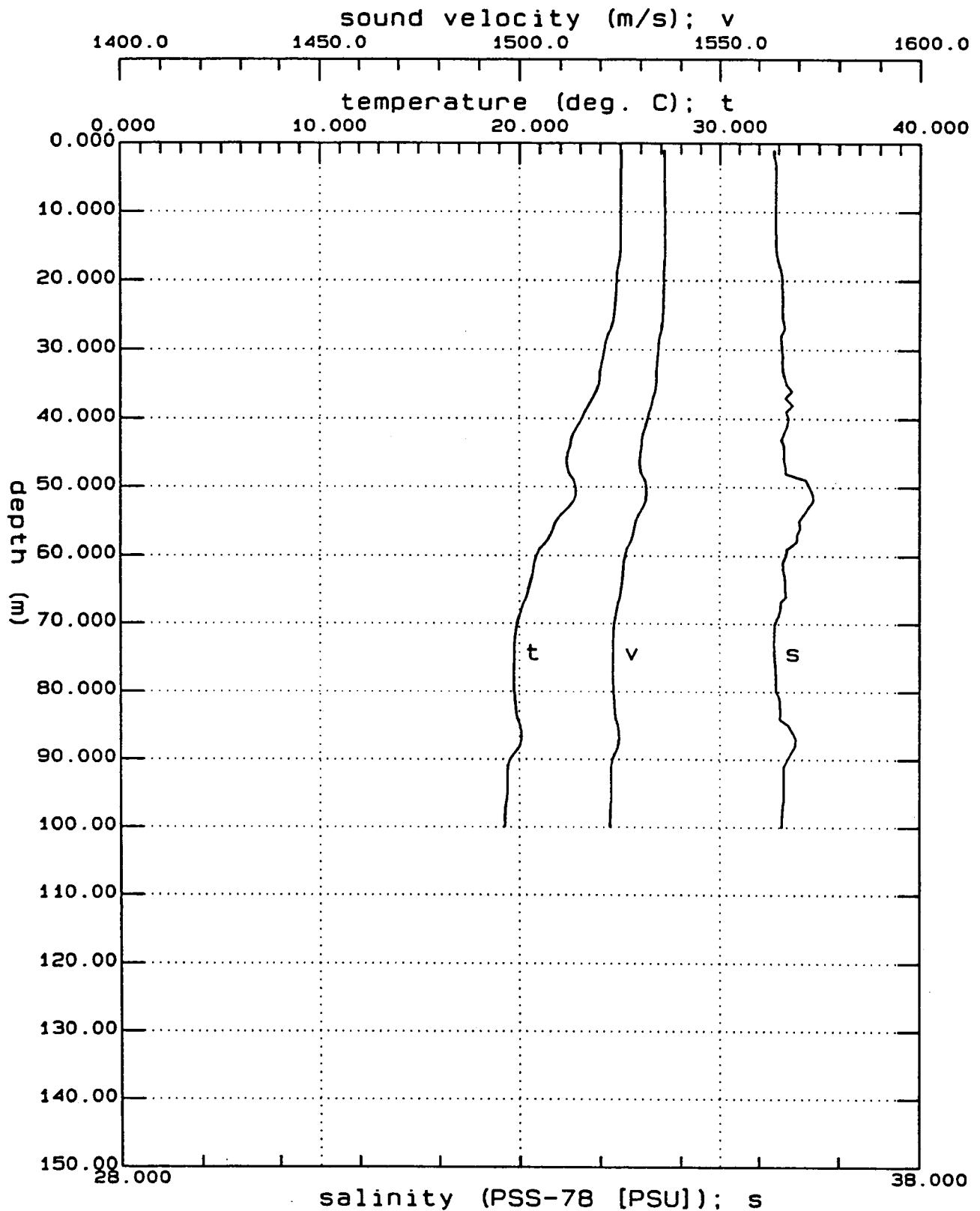
07-075.CNV: Gulfcet Cruise 05



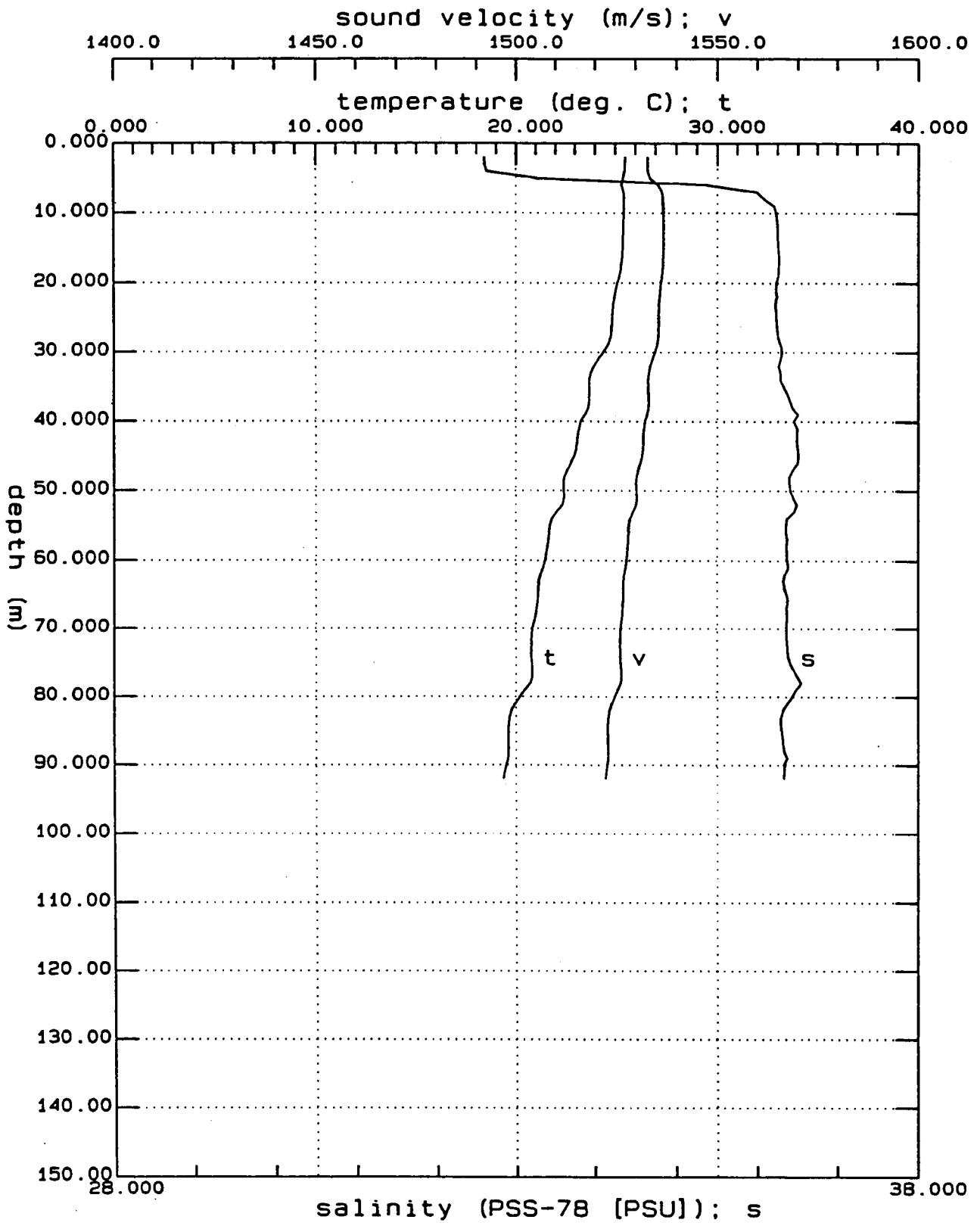
08-076.CNV: Gulfcet Cruise 05



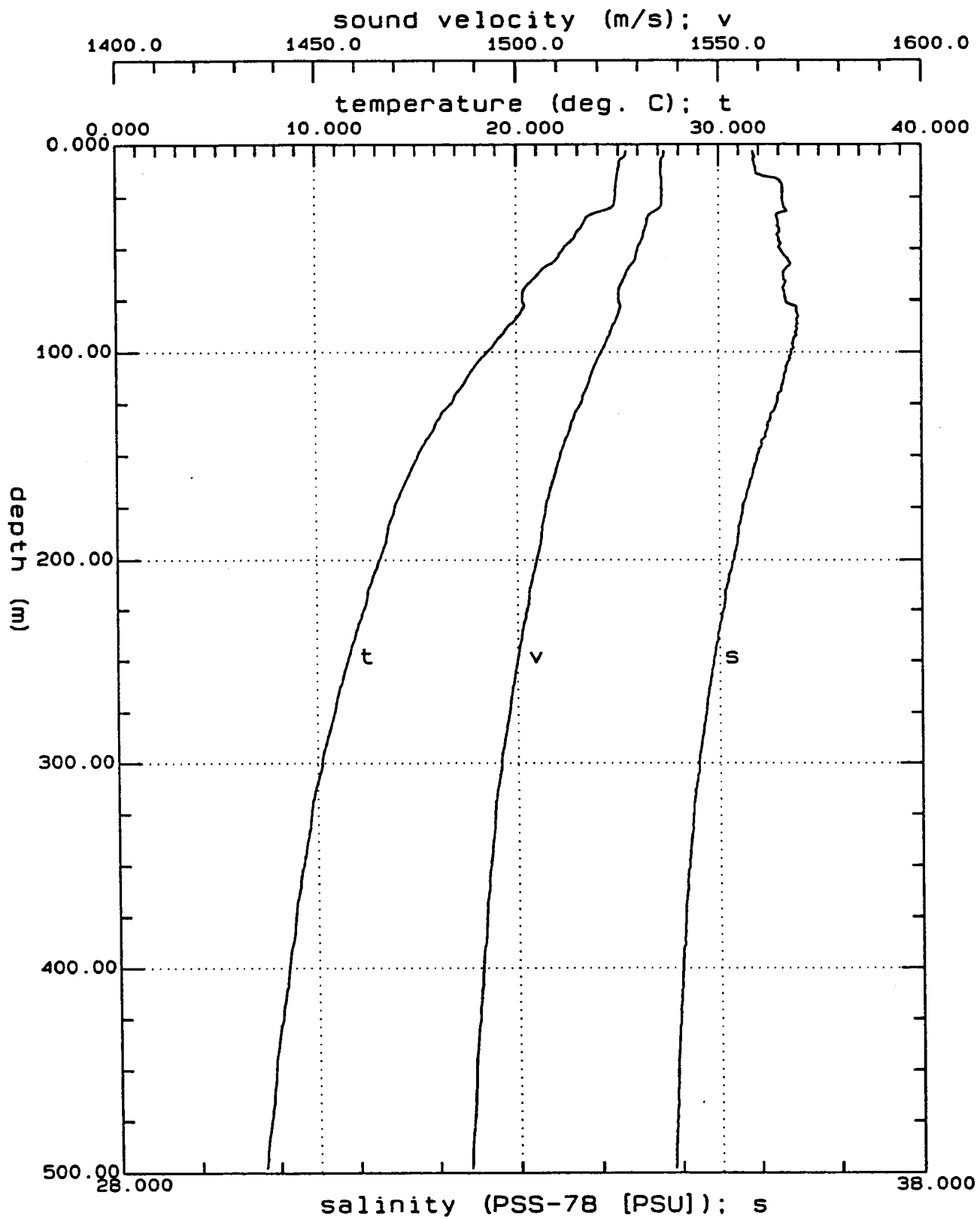
08-080.CNV: Gulfcet Cruise 05



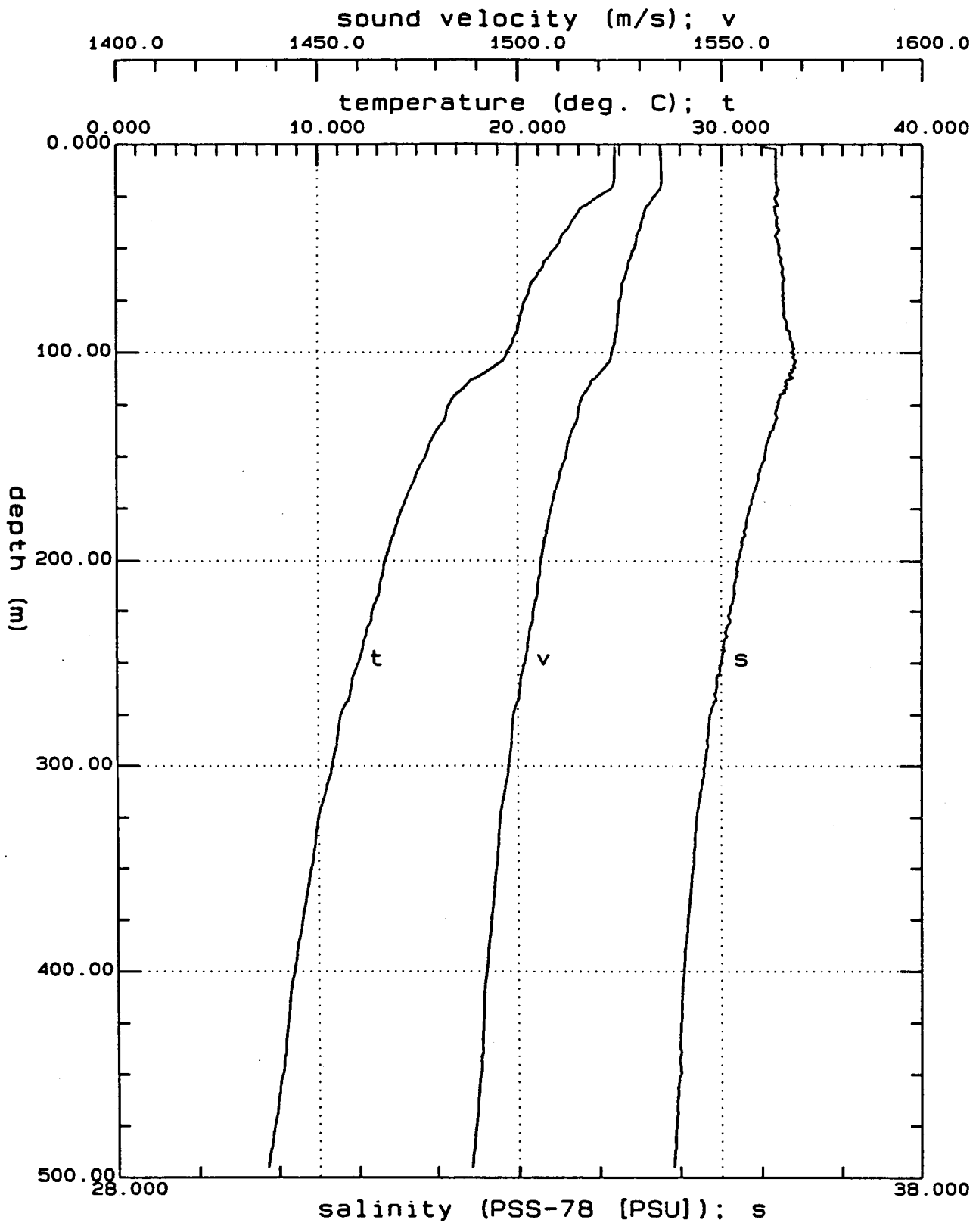
08-086.CNV: Gulfcet Cruise 05



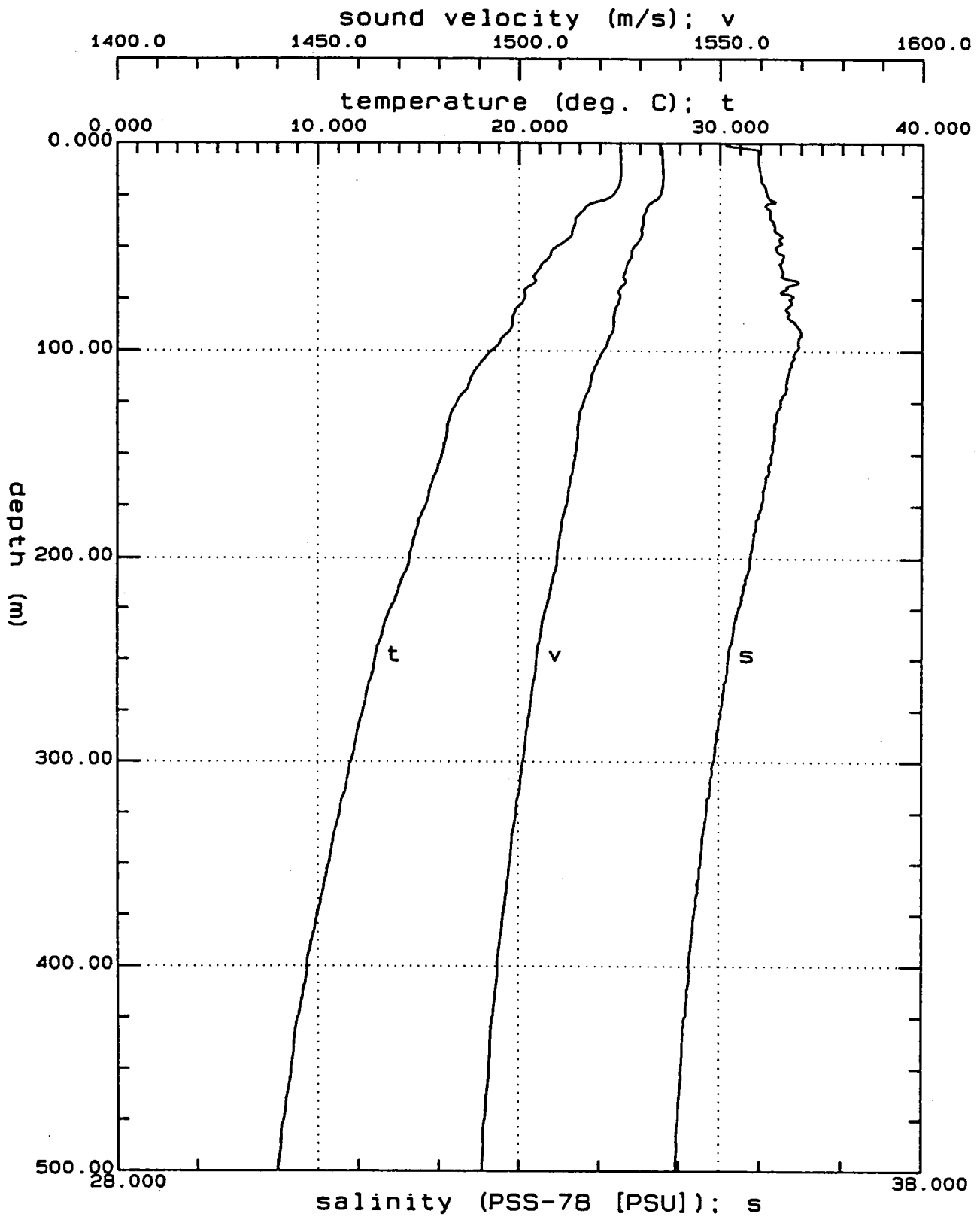
09-087.CNV: Gulfcet Cruise 05



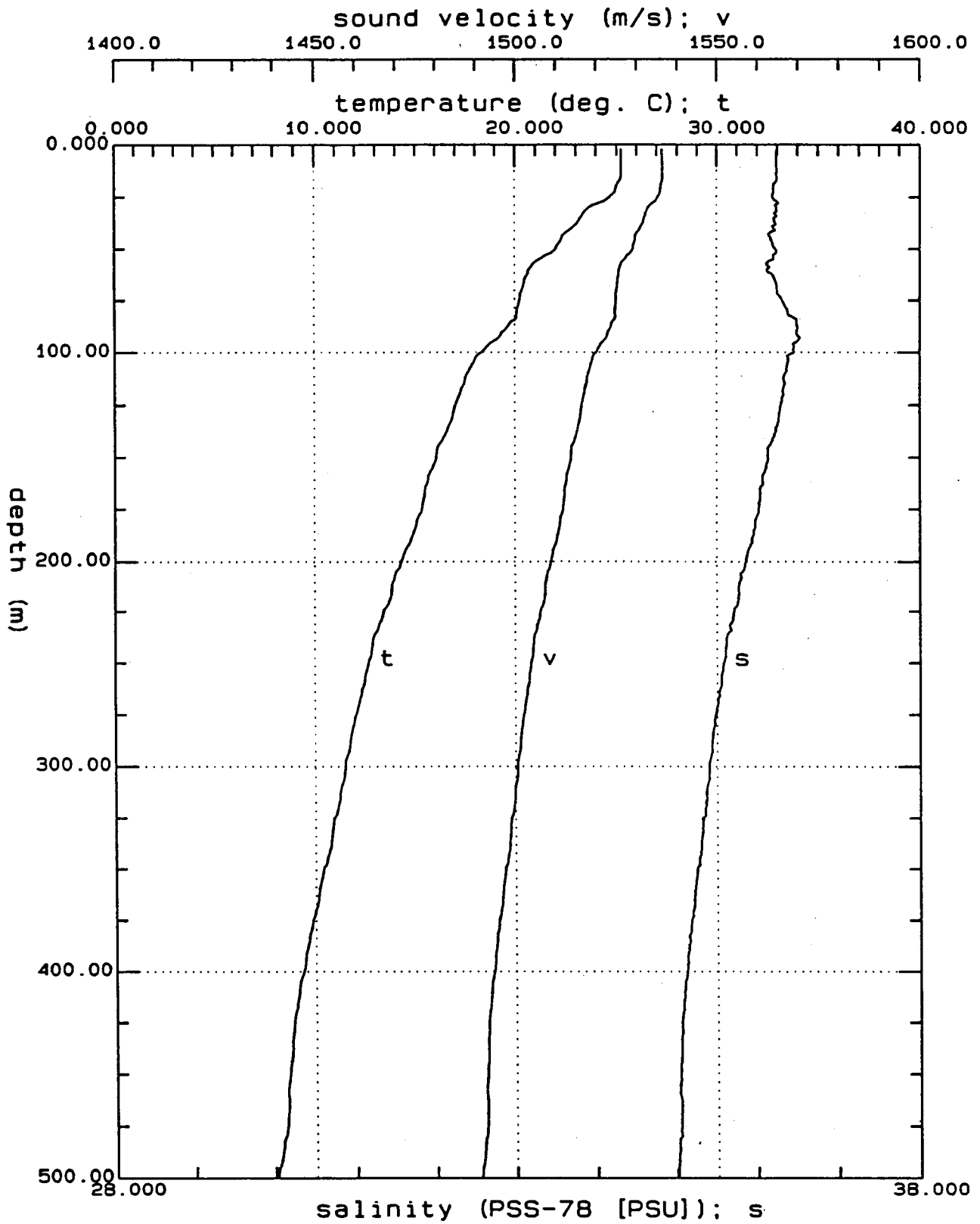
09-093.CNV: Gulfcet Cruise 05



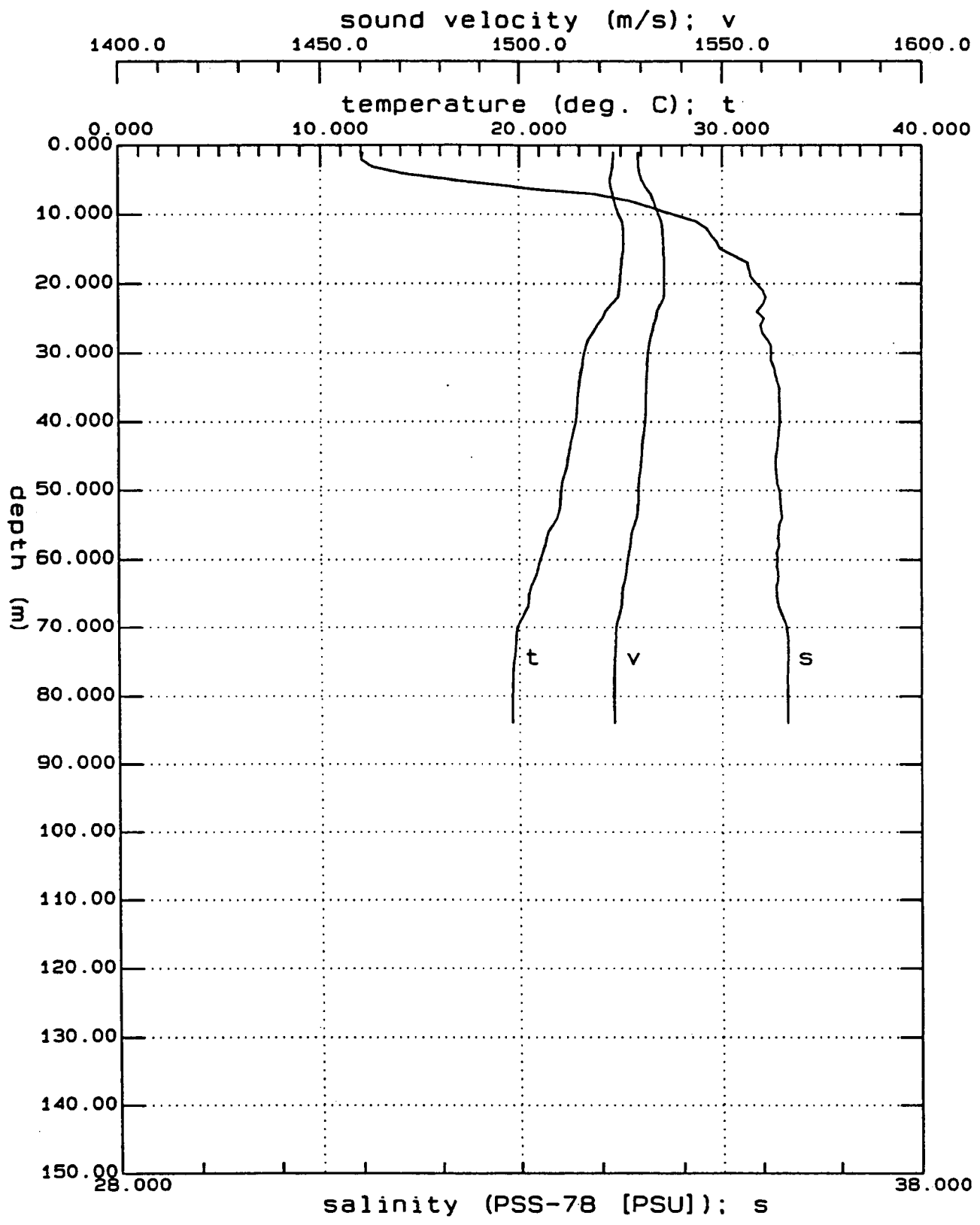
09-096.CNV: Gulfcet Cruise 05



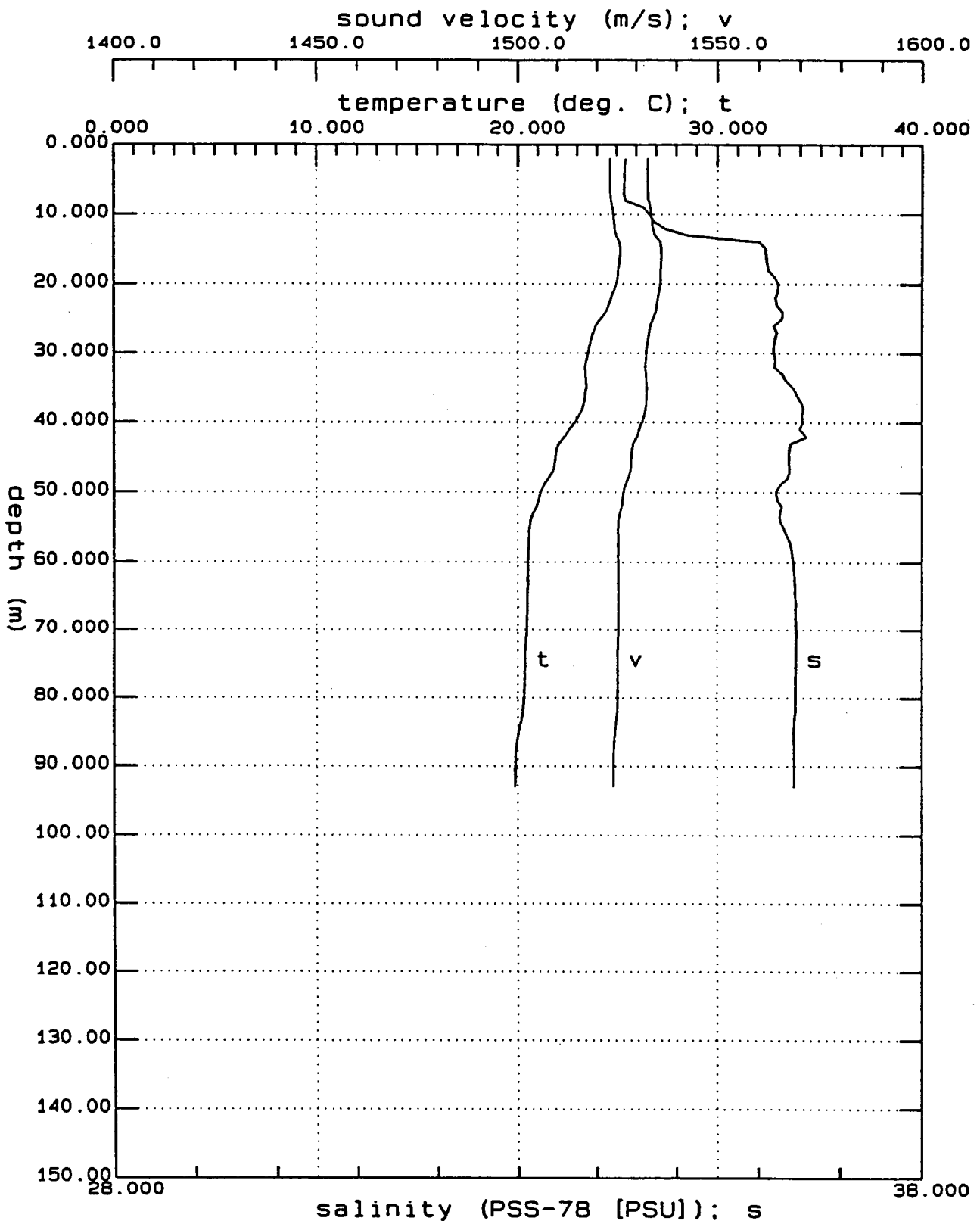
10-097.CNV: Gulfcet Cruise 05



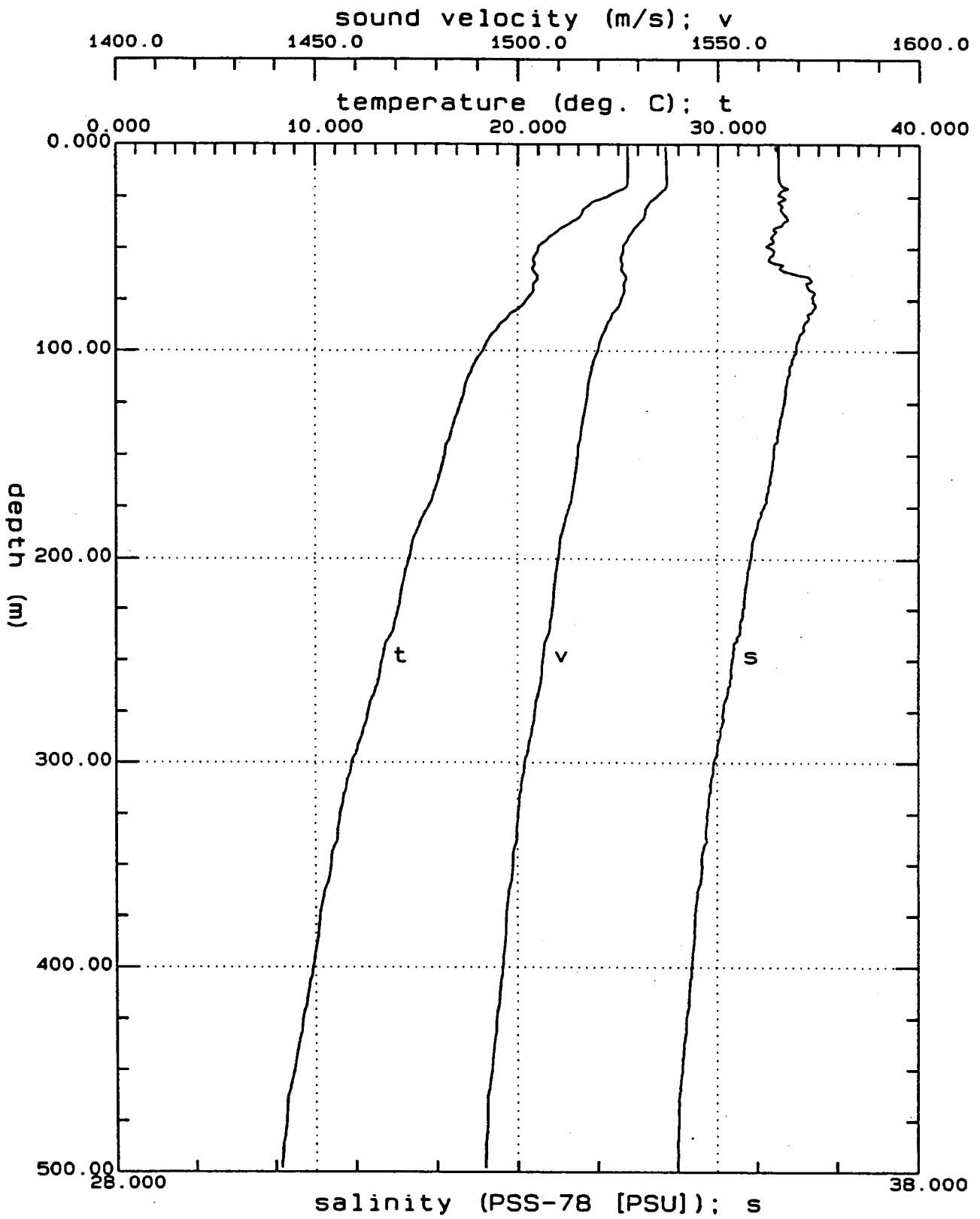
10-100.CNV: Gulfcet Cruise 05



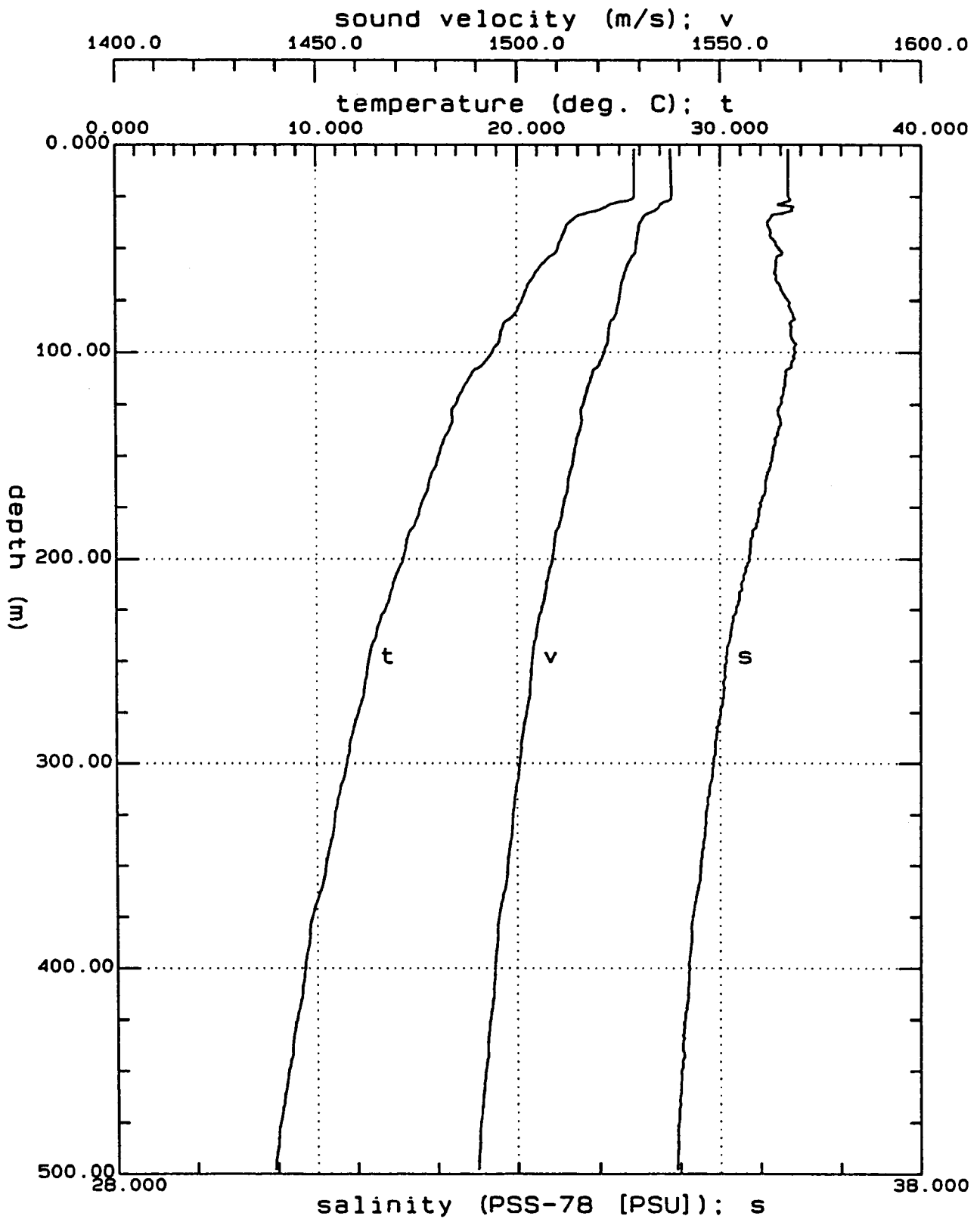
10-105.CNV: Gulfcet Cruise 05



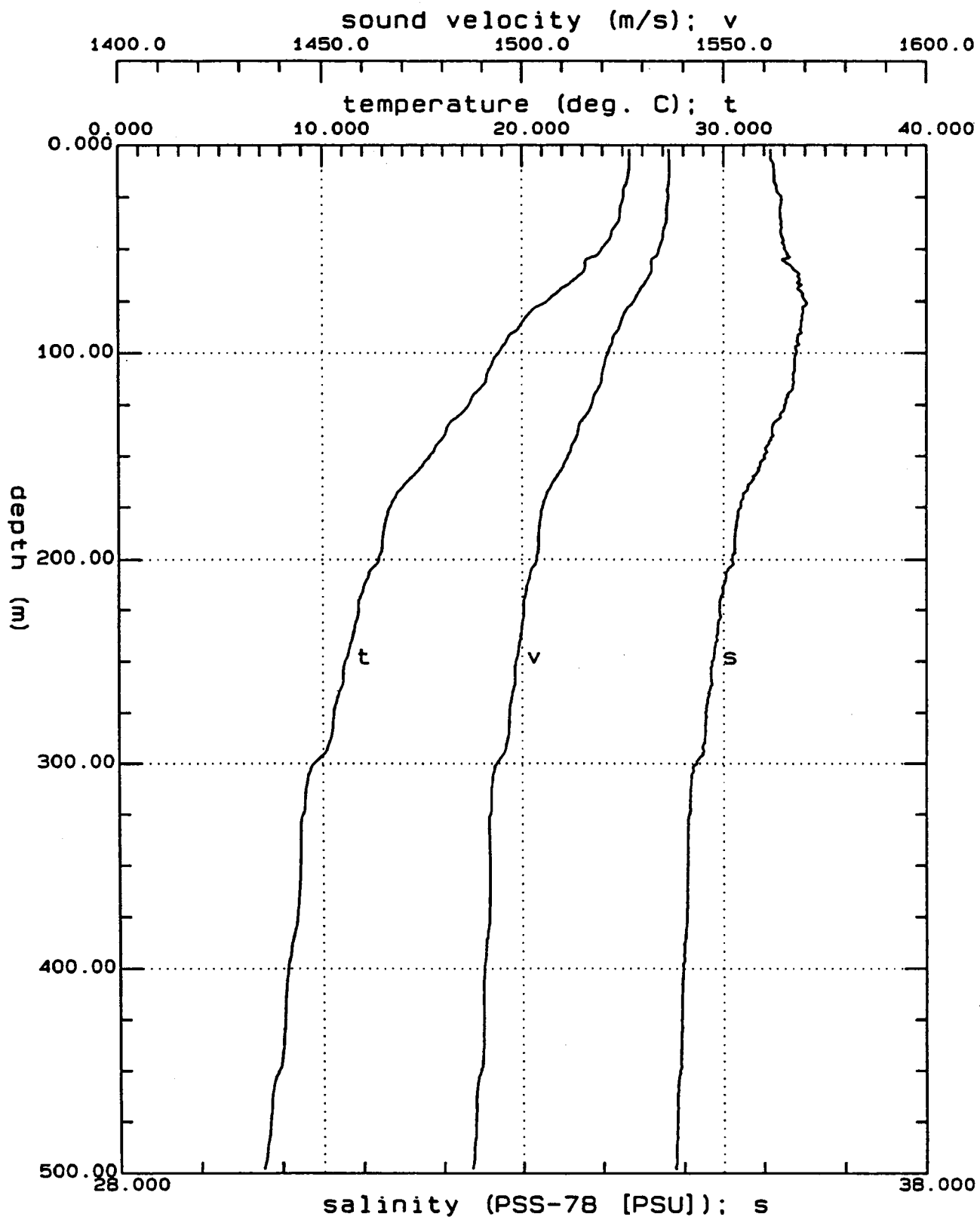
11-106.CNV: Gulfcet Cruise 05



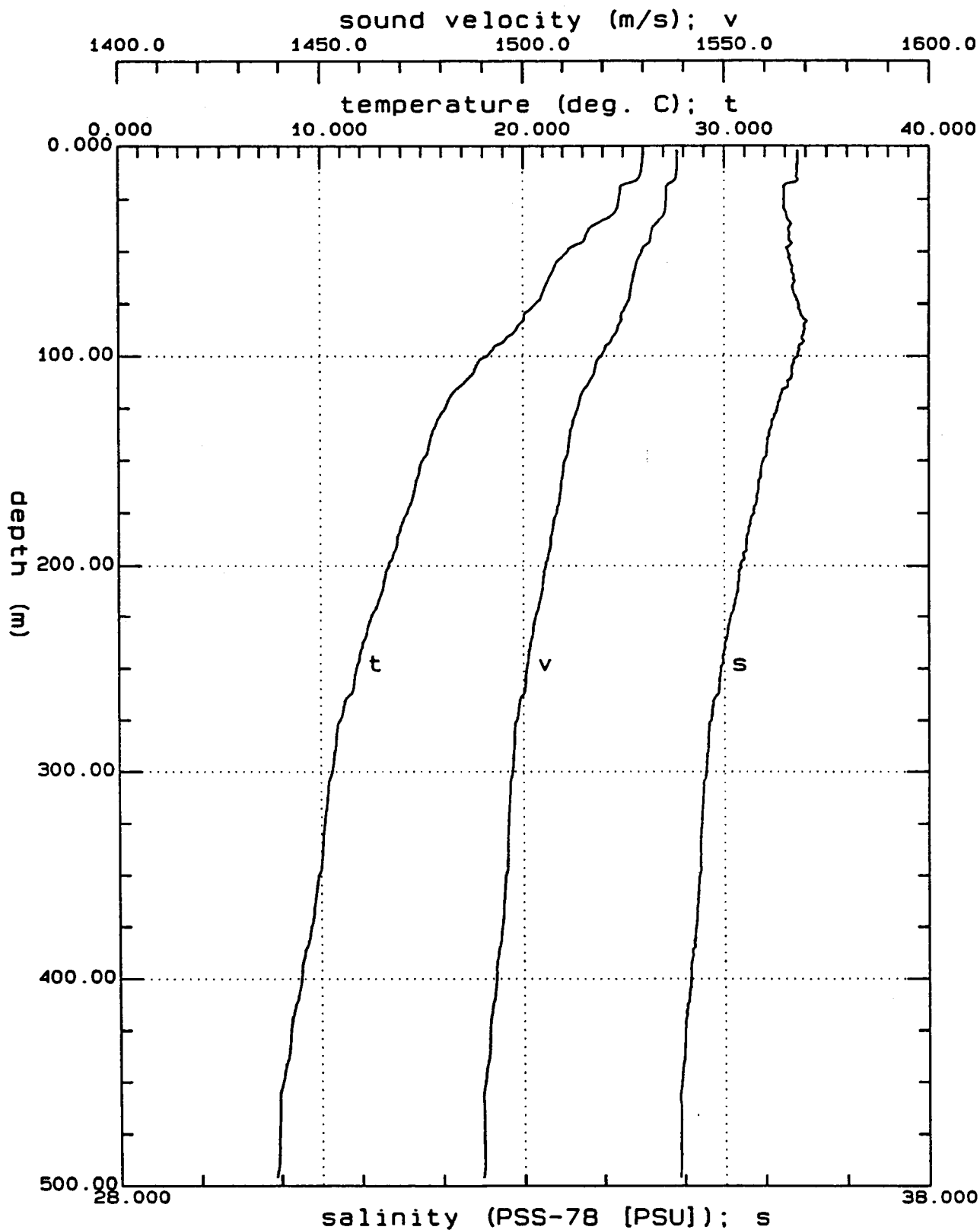
11-112.CNV: Gulfcet Cruise 05



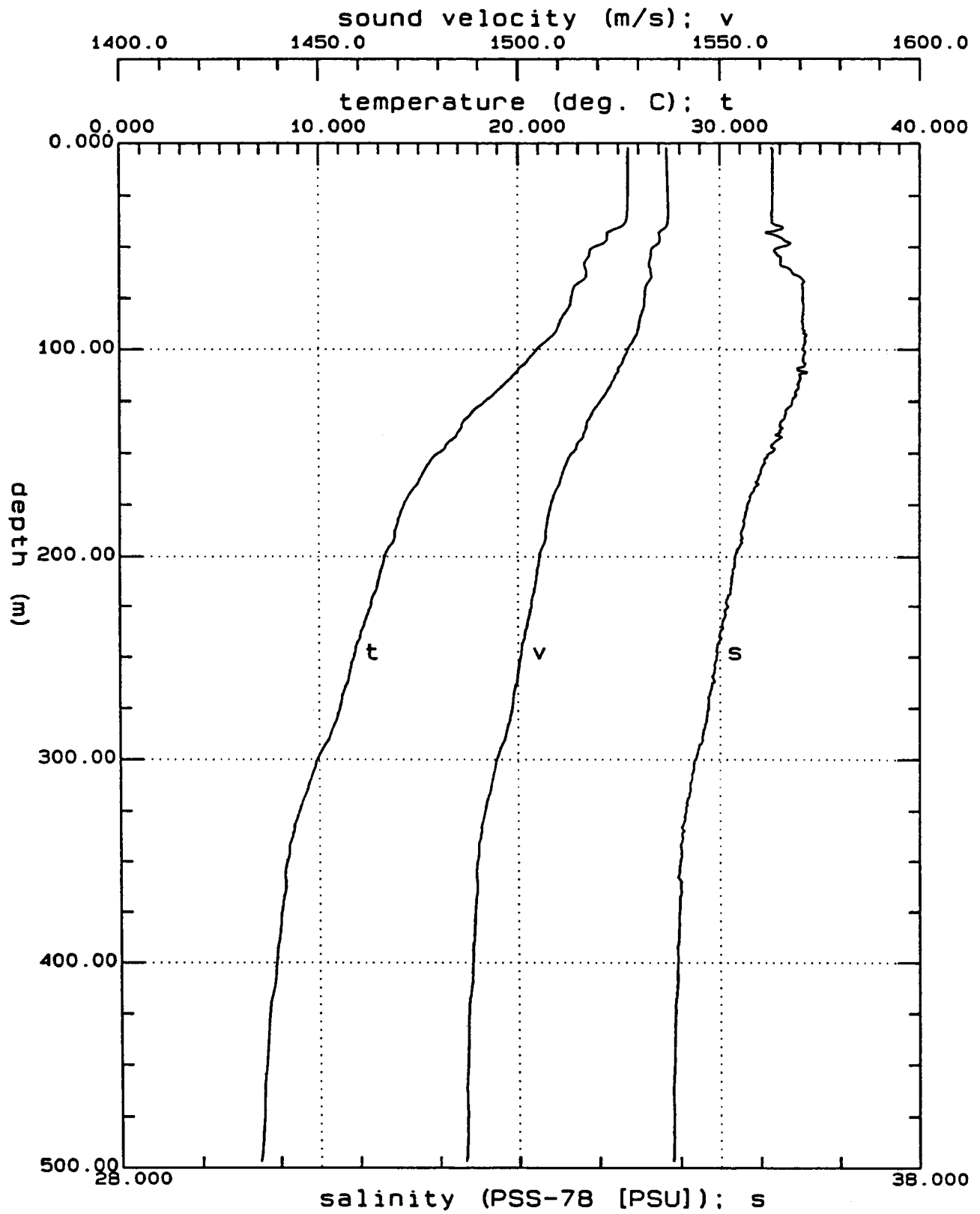
11-115.CNV: Gulfcet Cruise 05



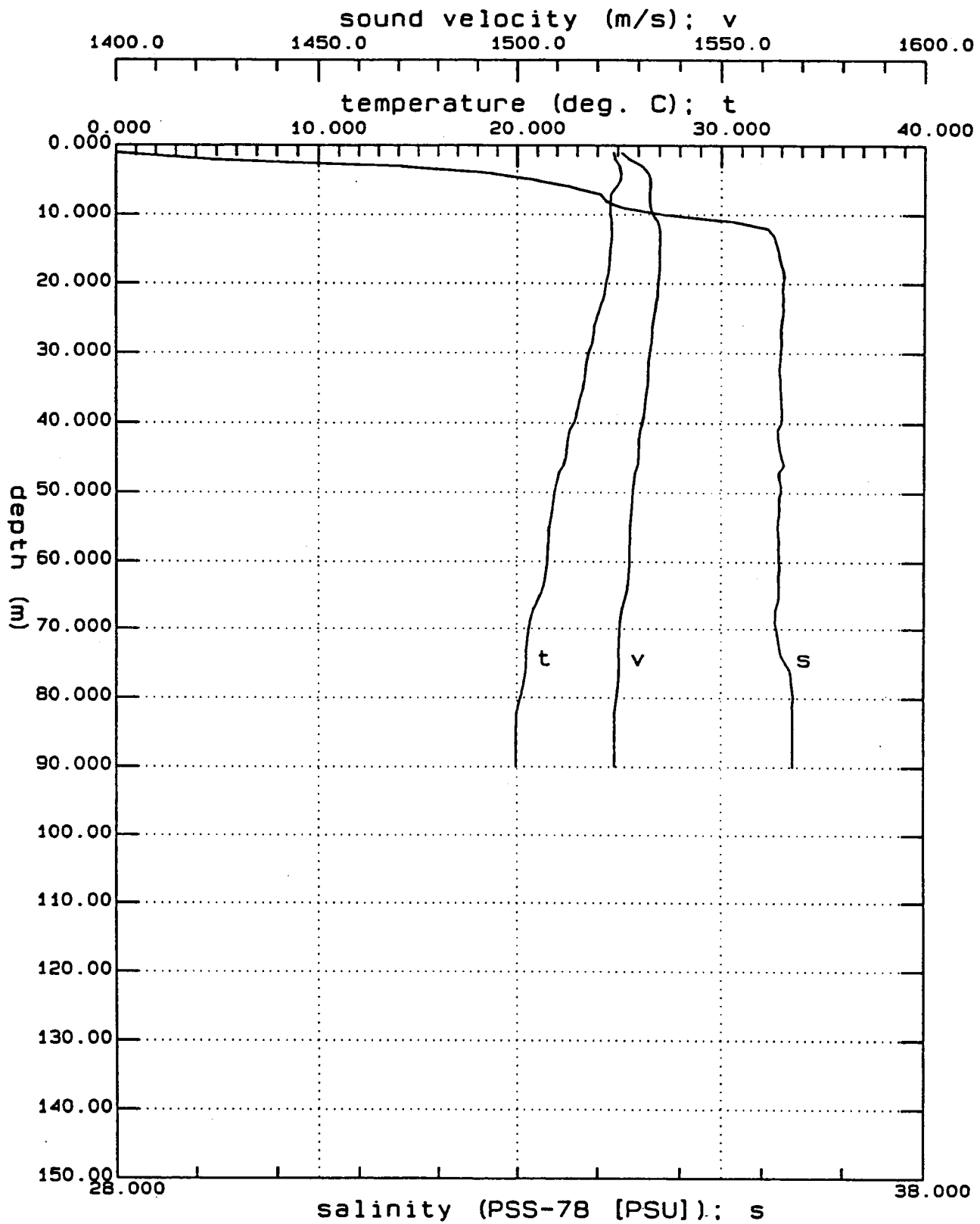
12-116.CNV: Gulfcet Cruise 05



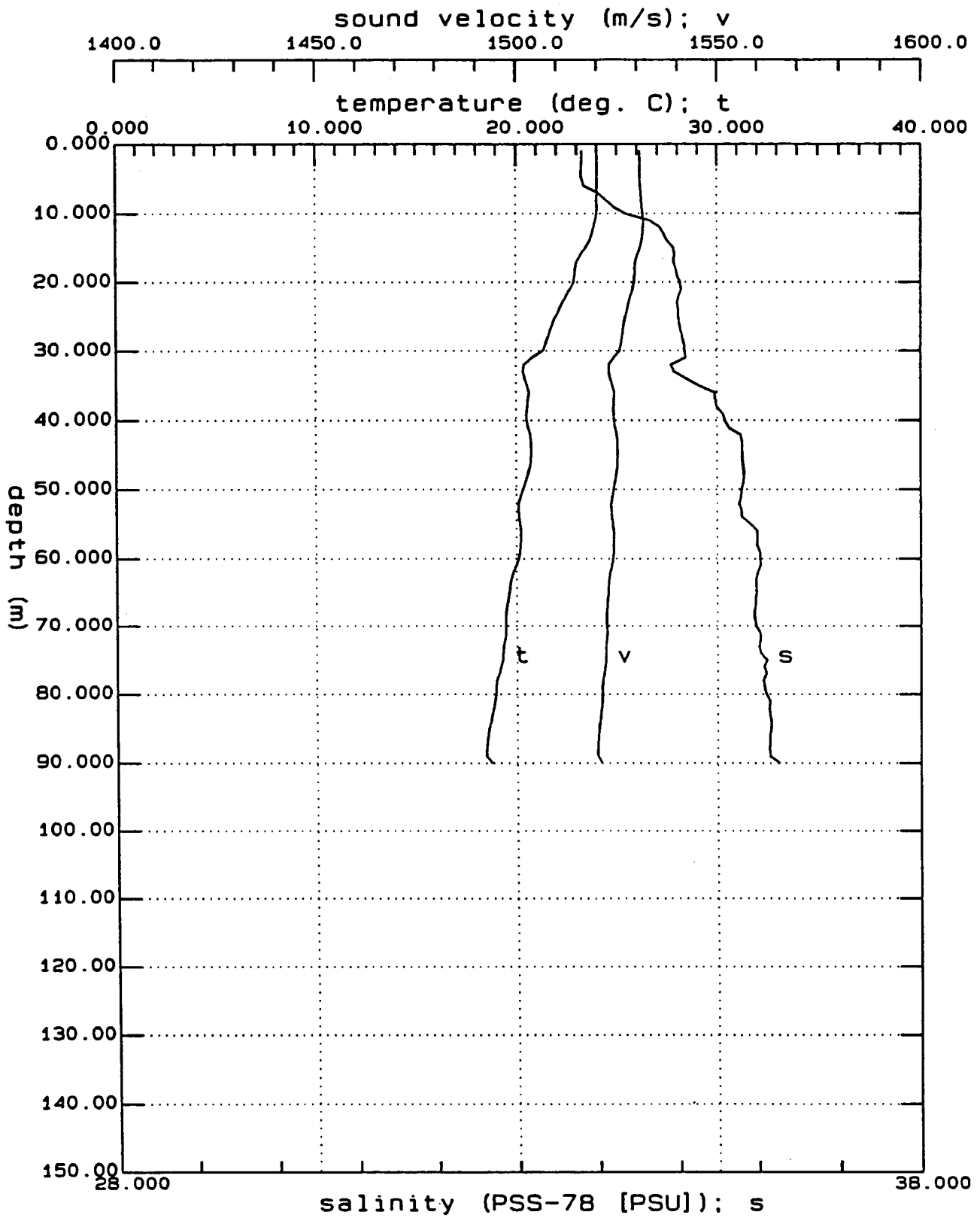
12-117.CNV: Gulfcet Cruise 05



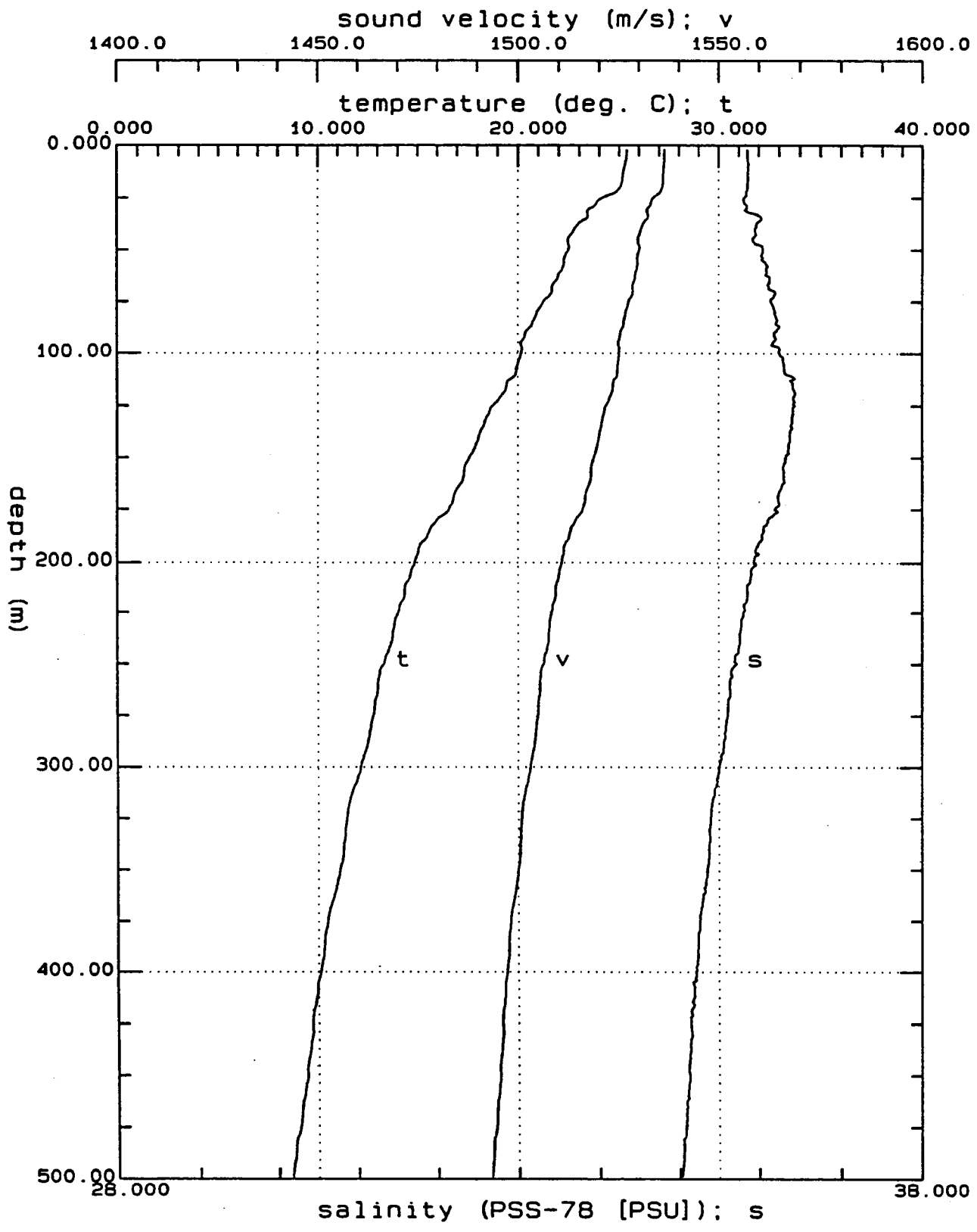
12-119.CNV: Gulfcet Cruise 05



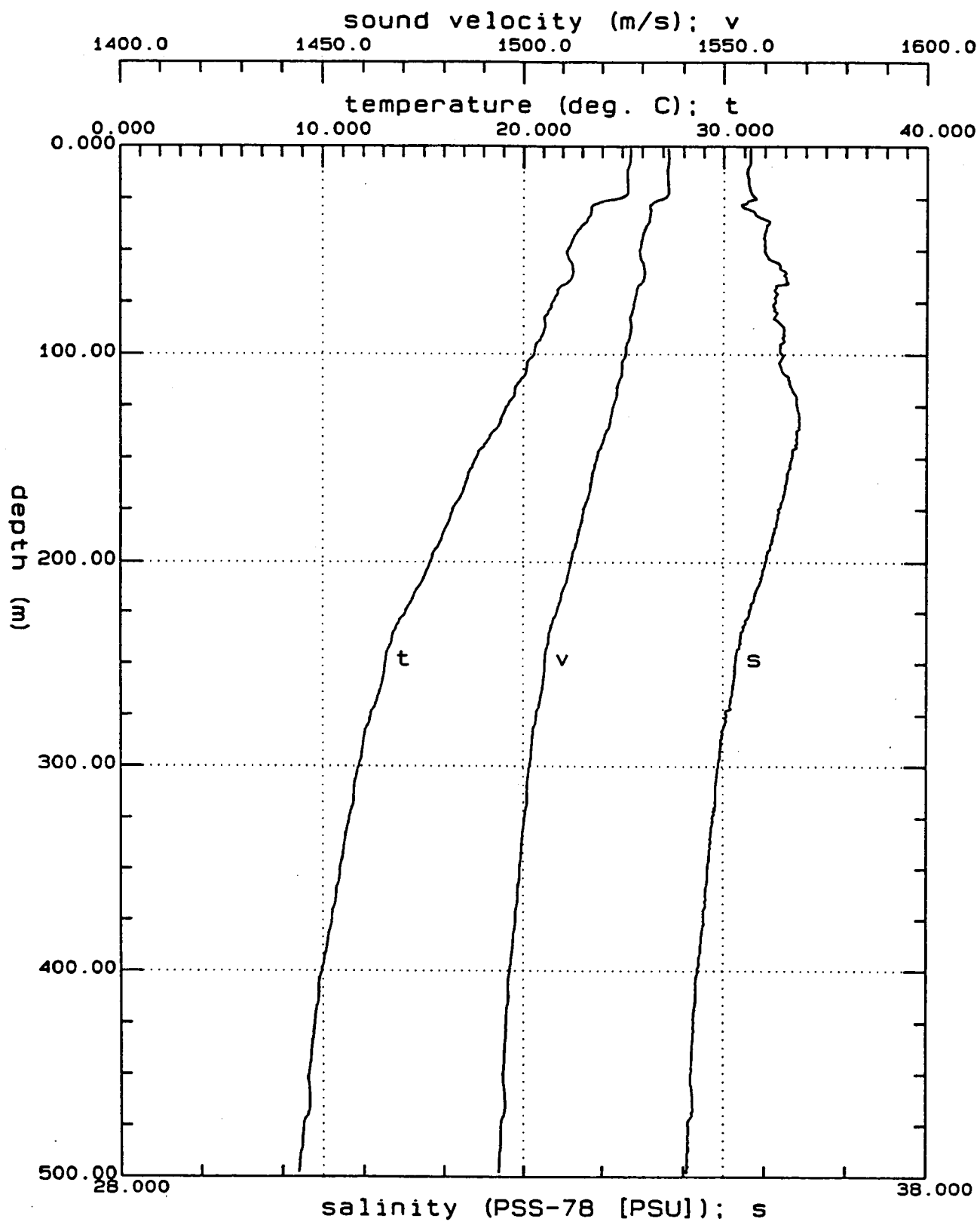
12-125.CNV: Gulfcet Cruise 05



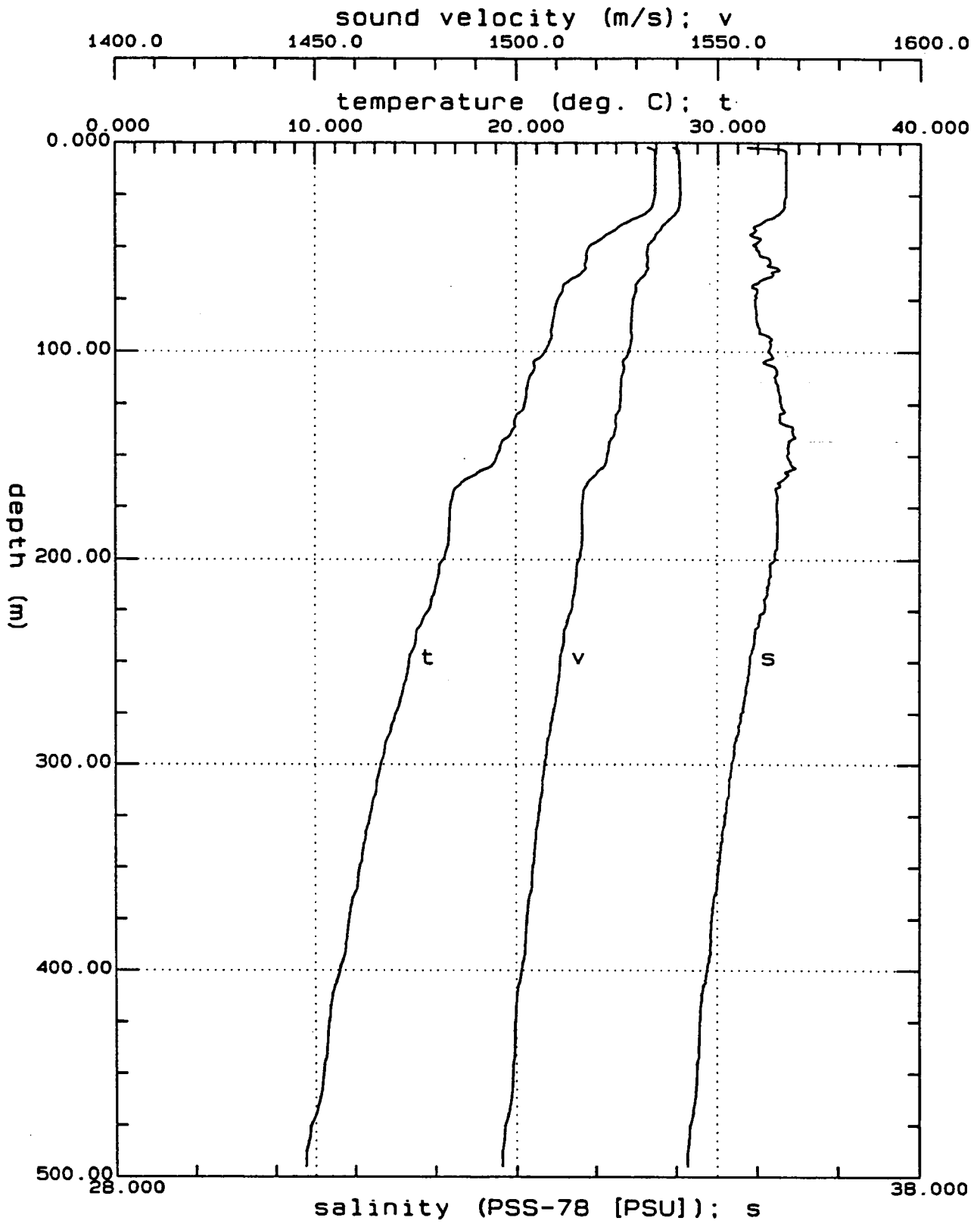
13-126.CNV: Gulfcet Cruise 05



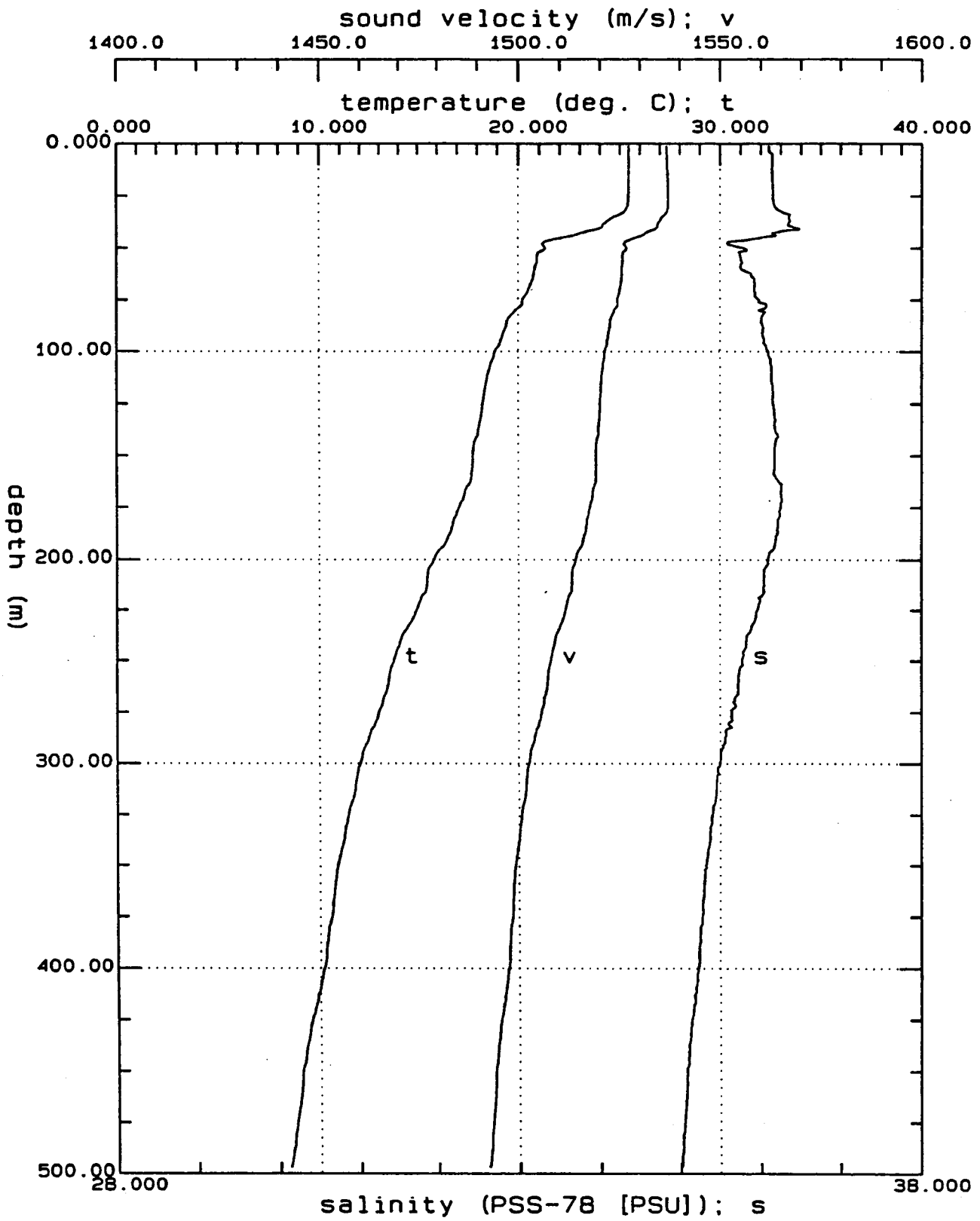
13-133.CNV: Gulfcet Cruise 05



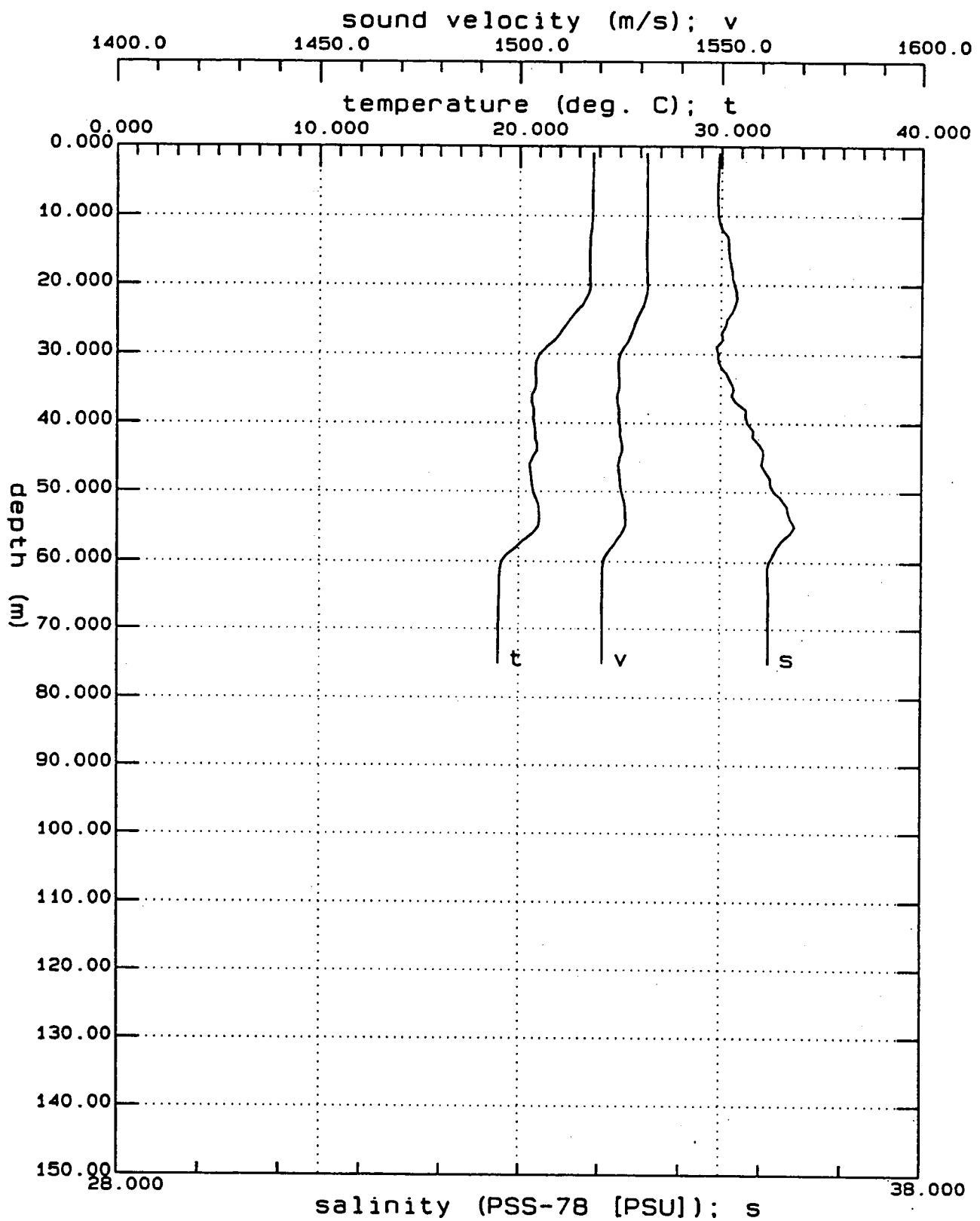
13-134.CNV: Gulfcet Cruise 05



14-135.CNV: Gulfcet Cruise 05

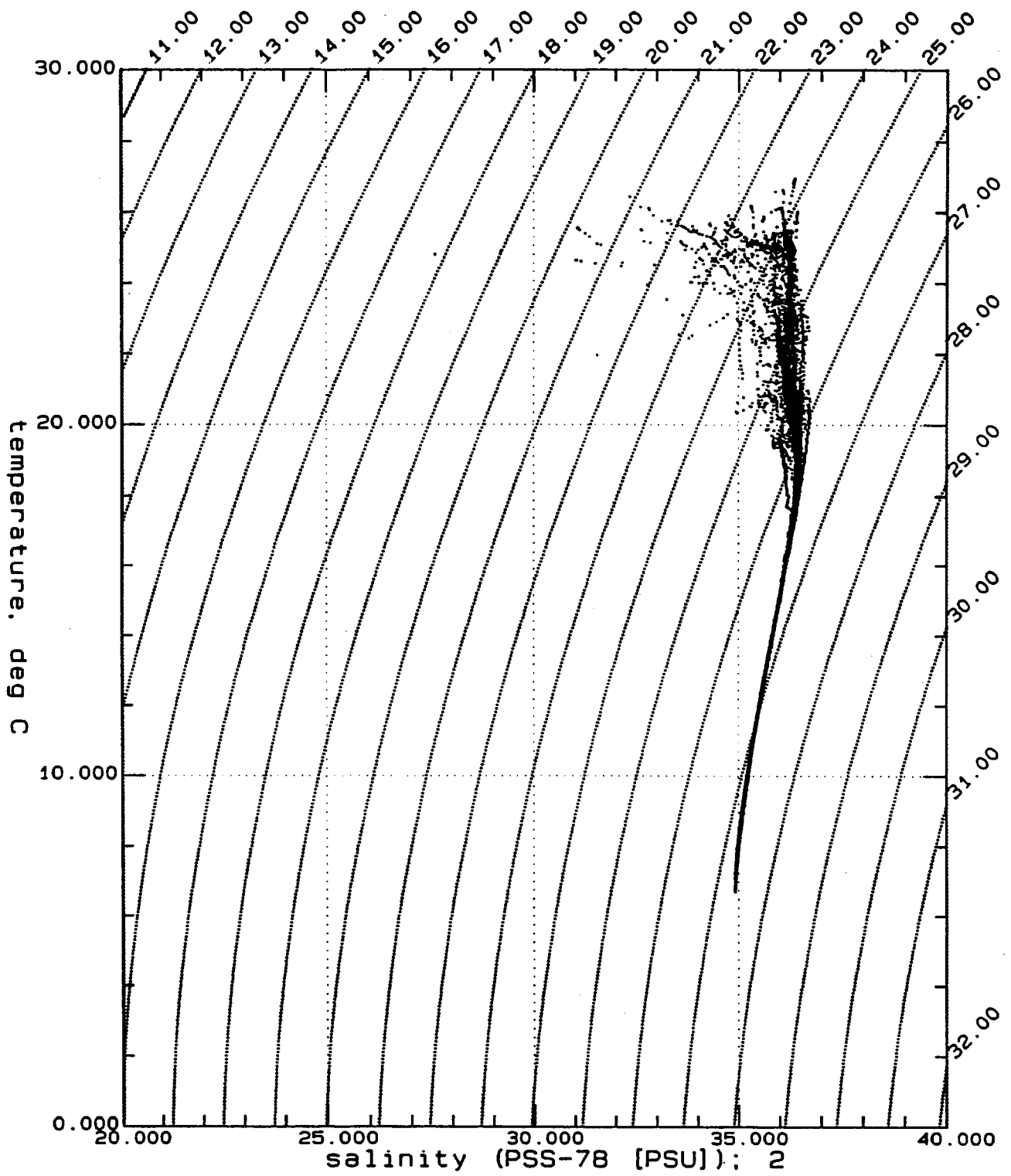


14-136.CNV: Gulfcet Cruise 05

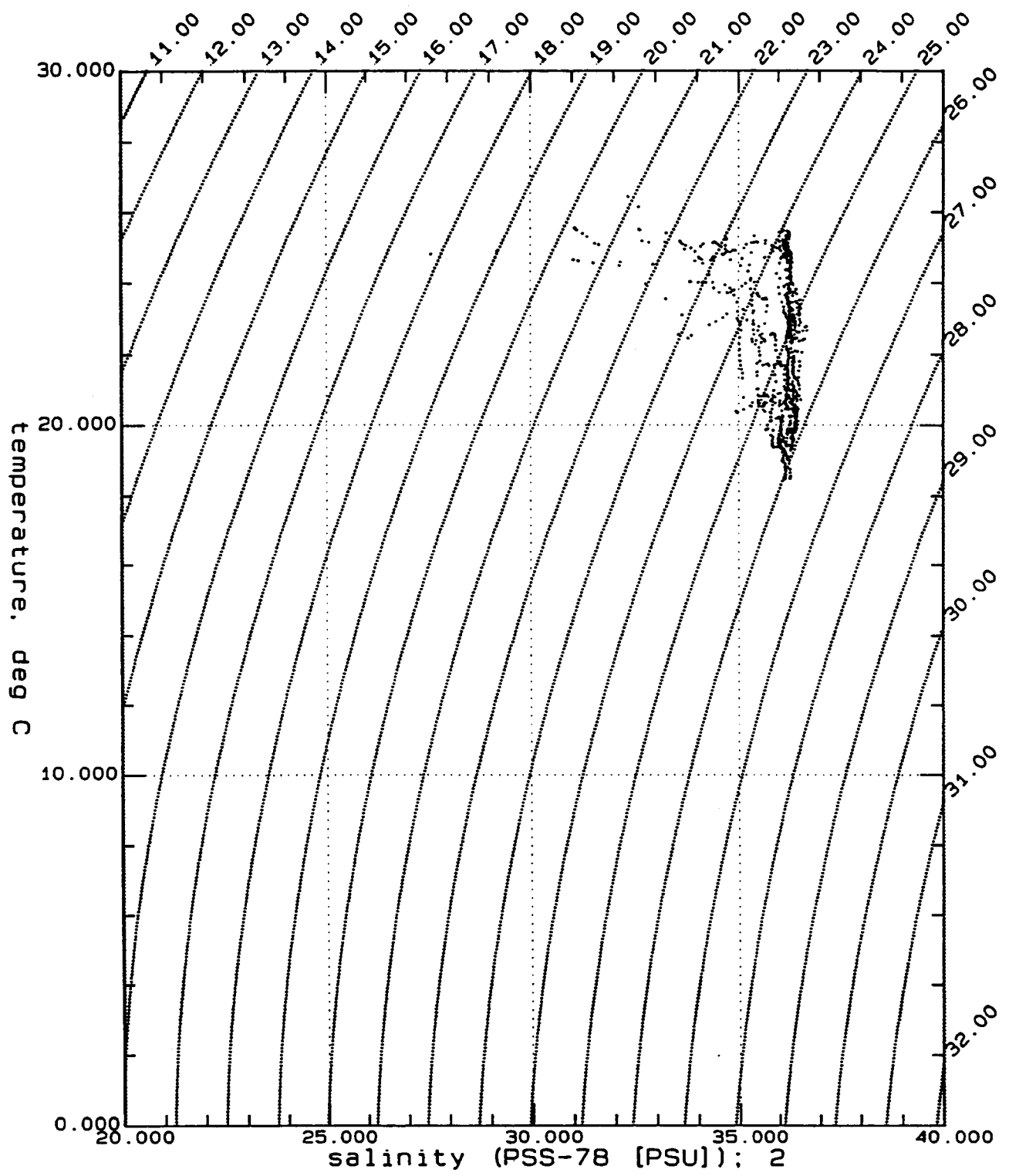


14-143.CNV: Gulfcet Cruise 05

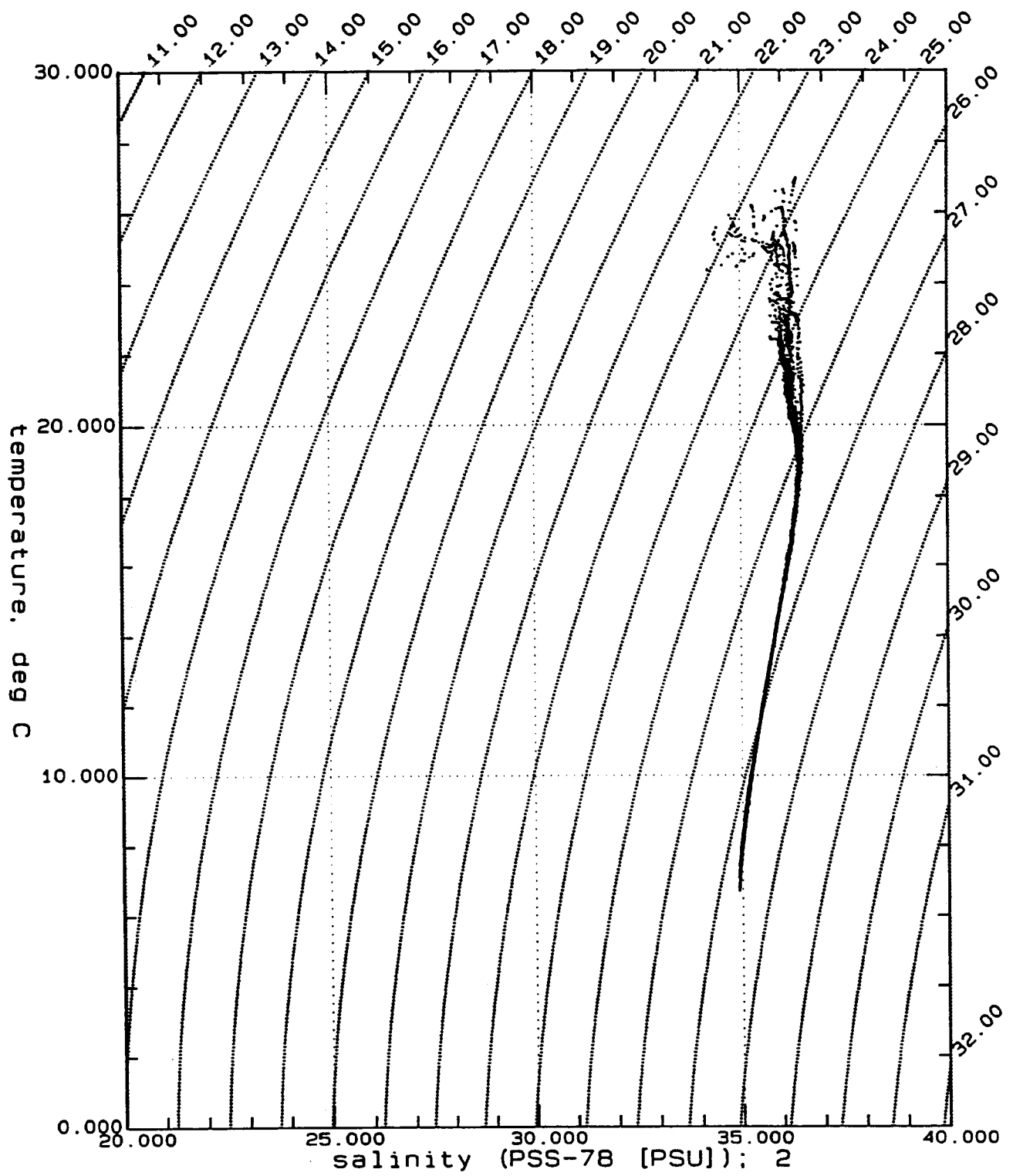
6.6 T-S Plots



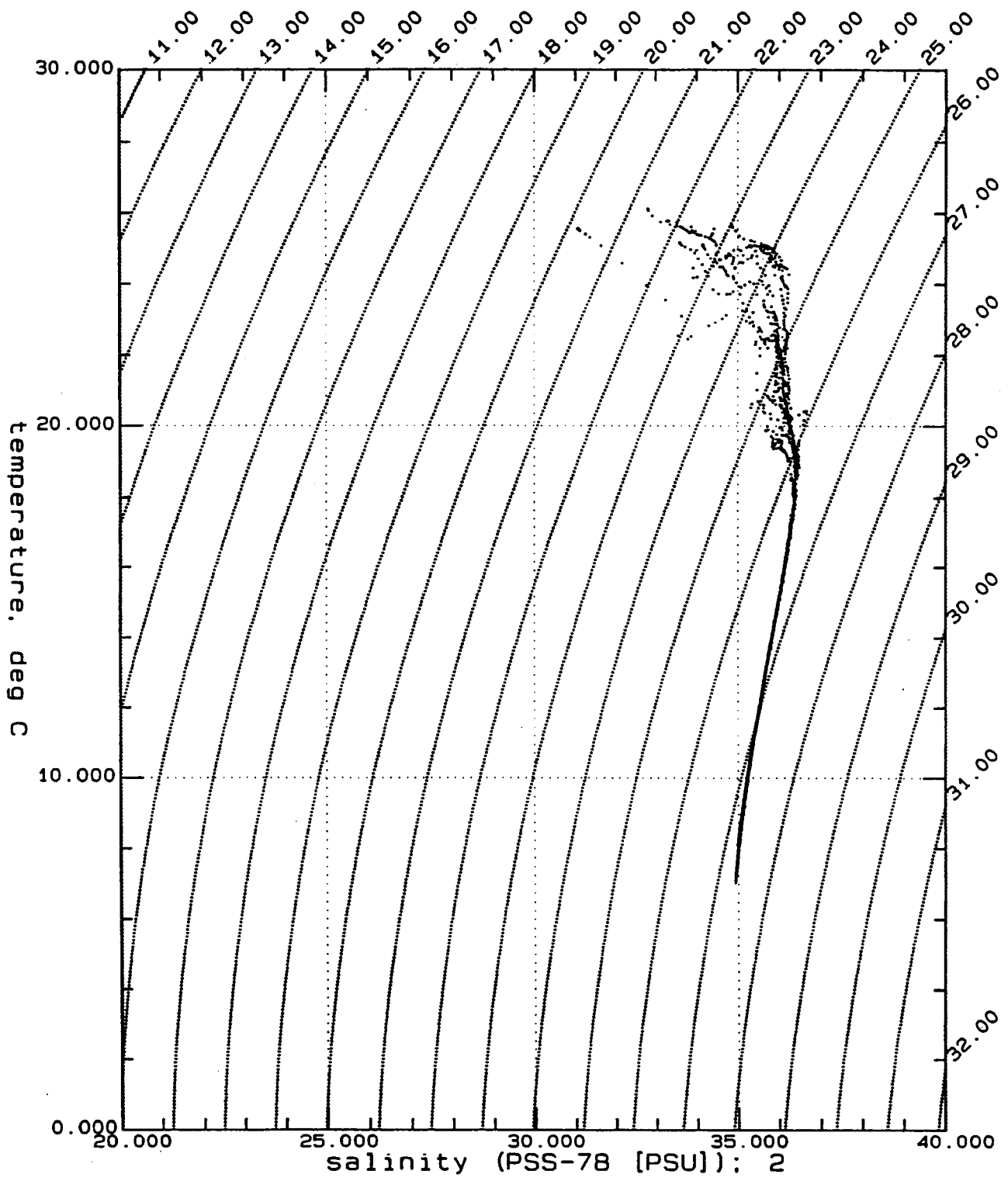
Gulfcet Cruise 05 - All Stations



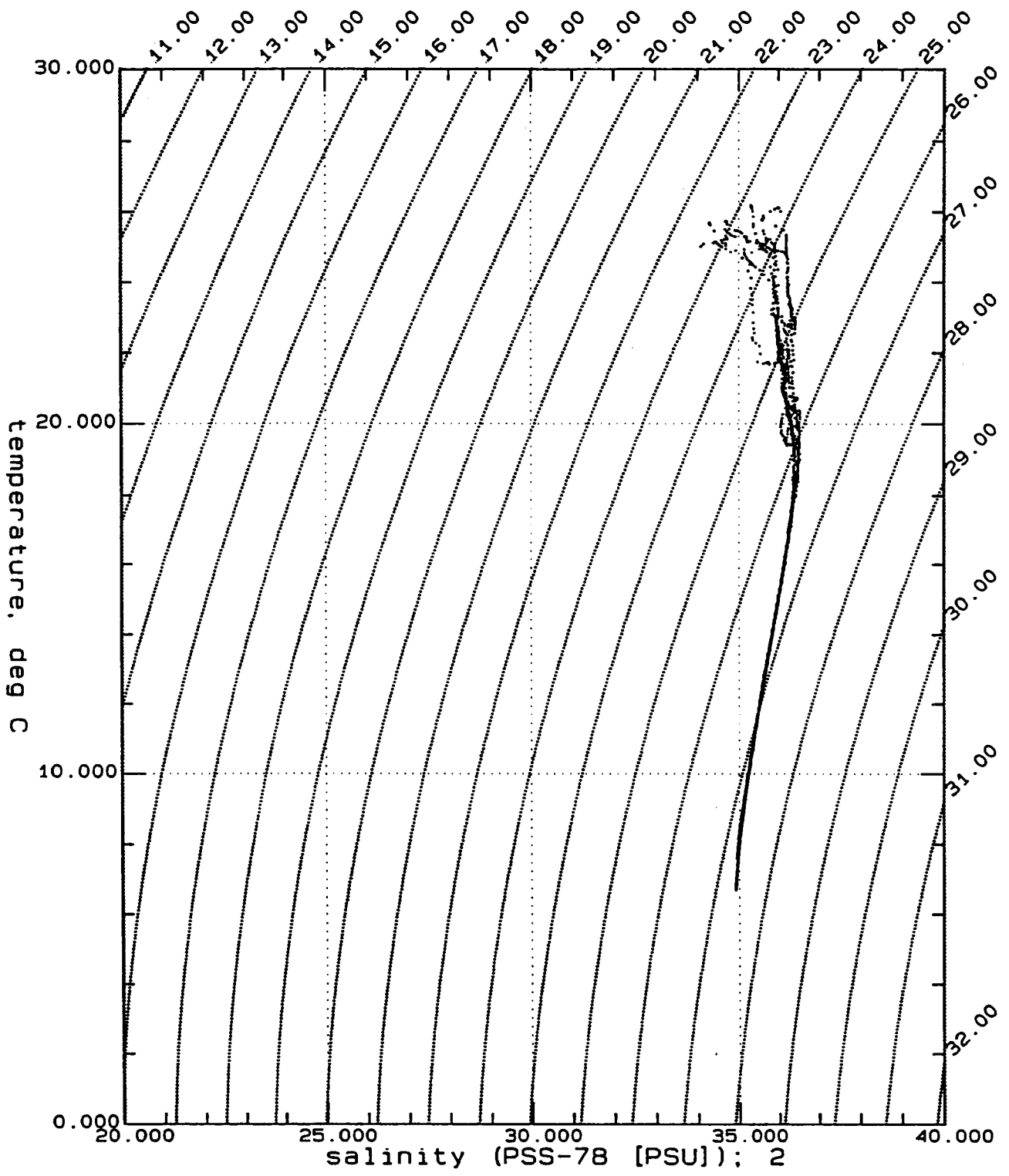
Gulfcet Cruise 05 - Inshore Stations



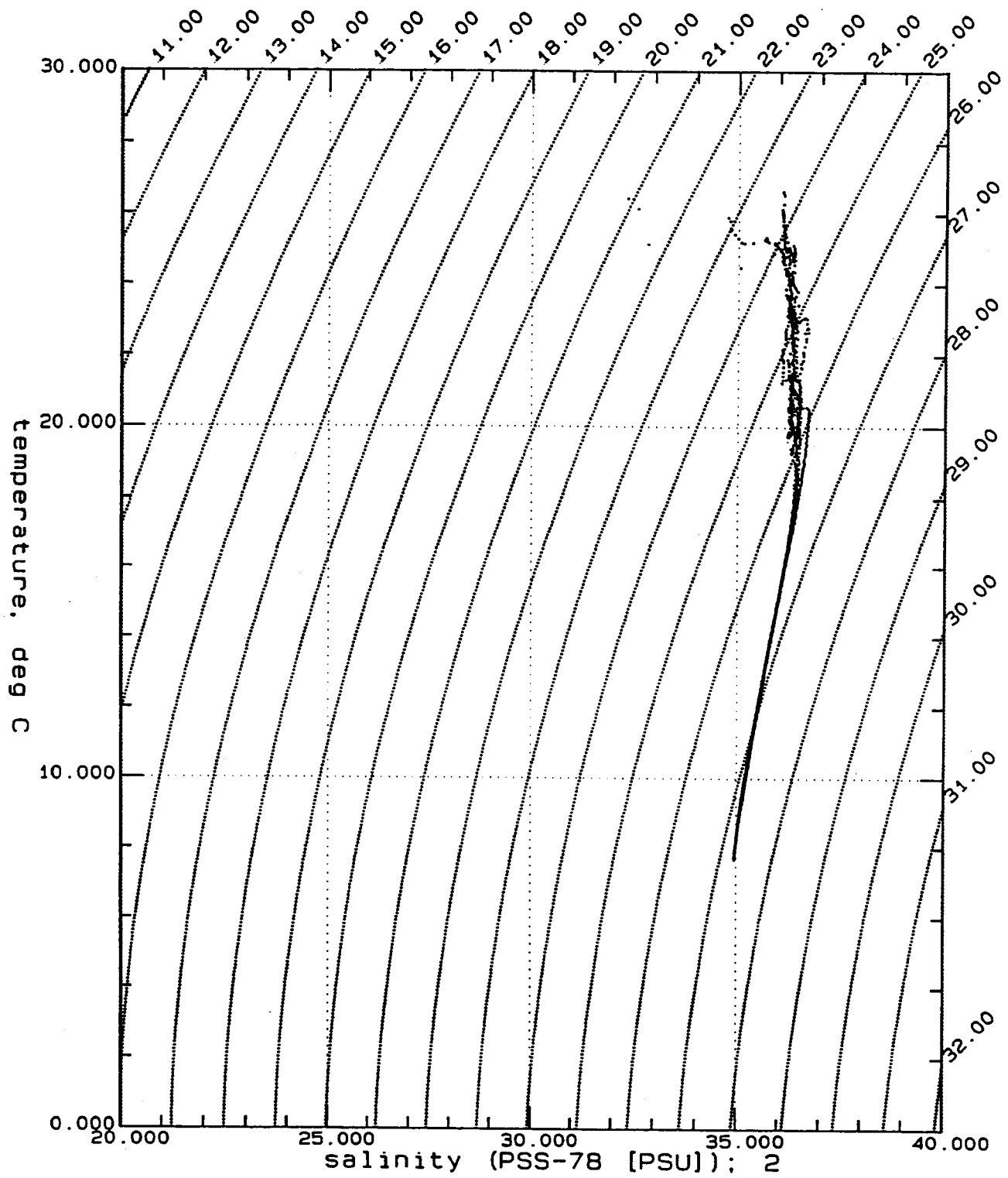
Gulfcet Cruise 05 - Offshore Stations



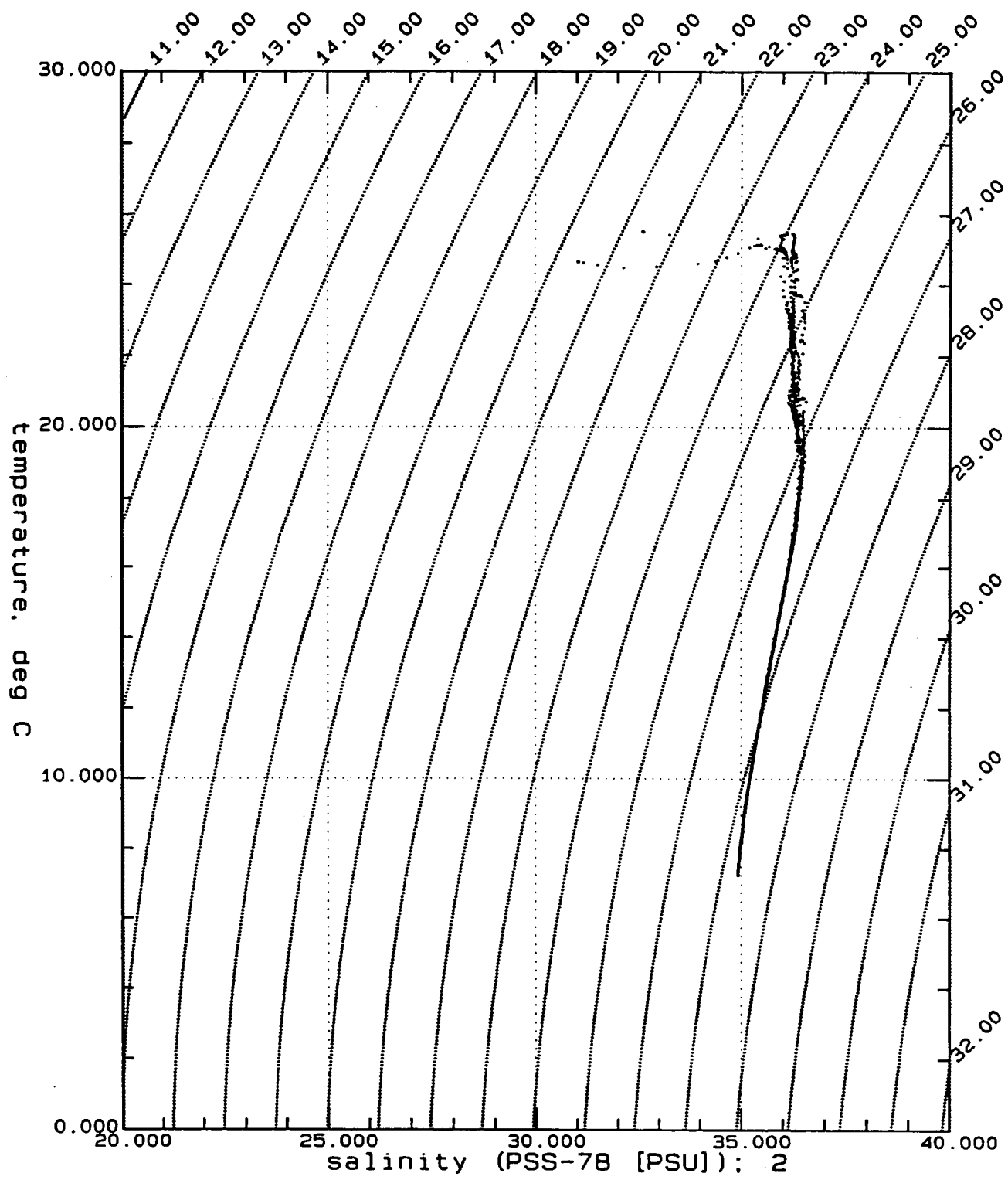
Gulfcet Cruise 05 - Lines 03 and 04



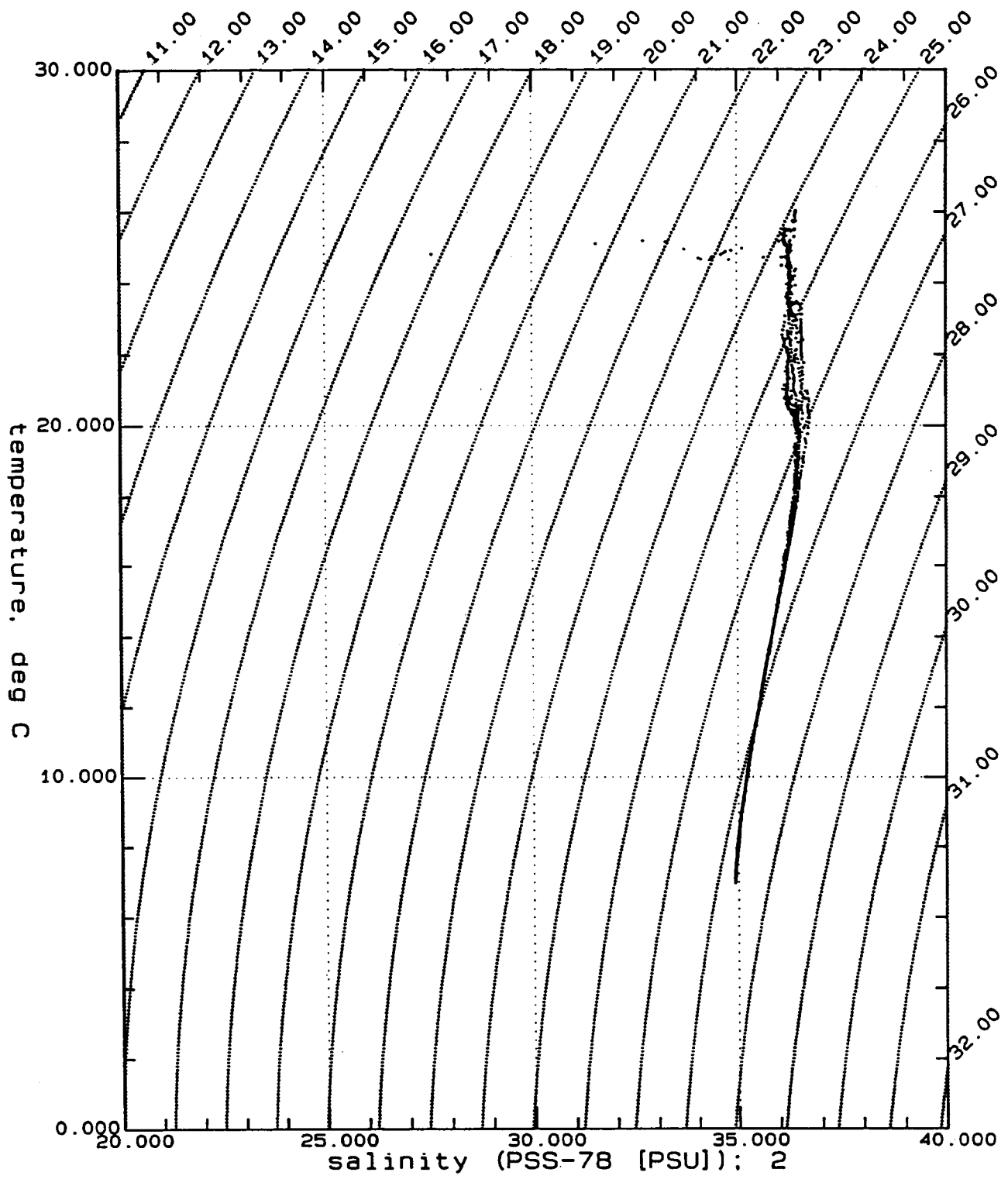
Gulfcet Cruise 05 - Lines 05 and 06



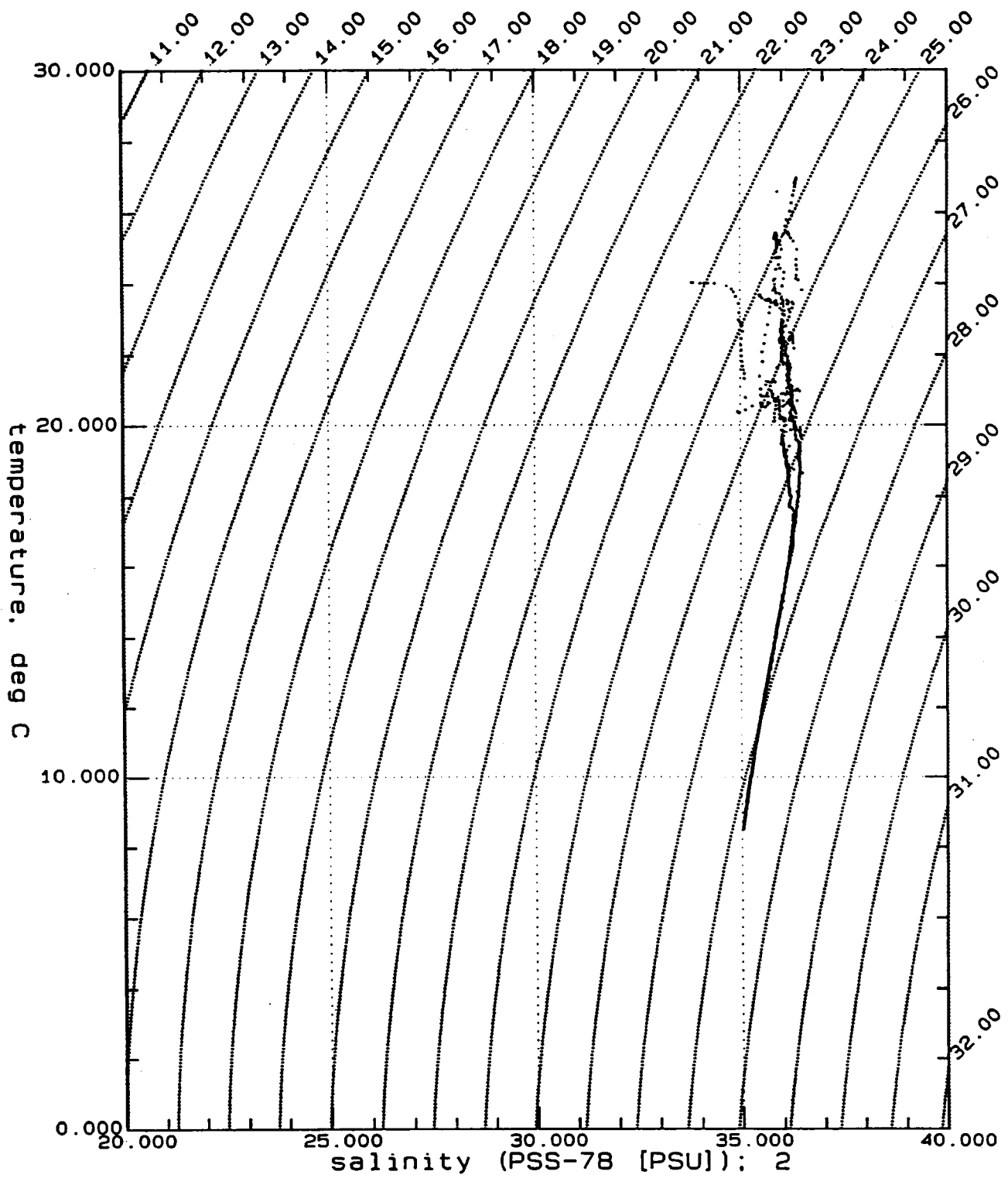
Gulfcet Cruise 05 - Lines 07 and 08



Gulfcet Cruise 05 - Lines 09 and 10

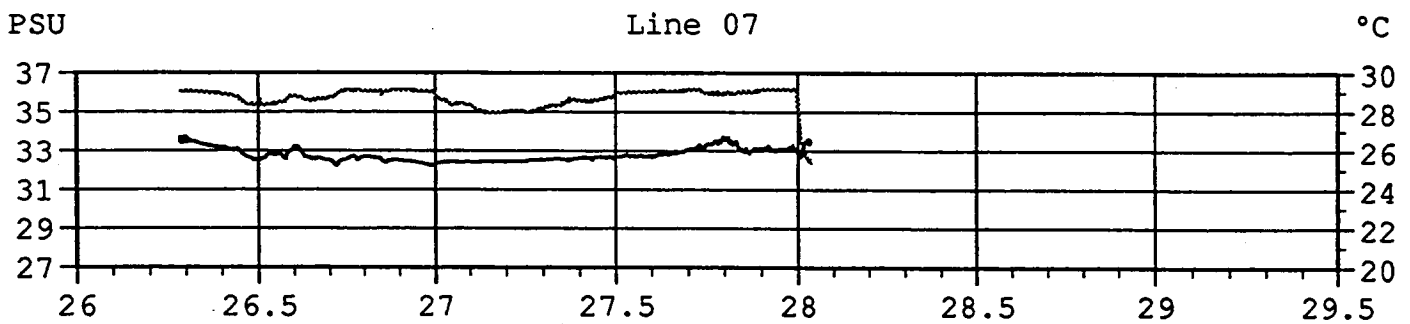
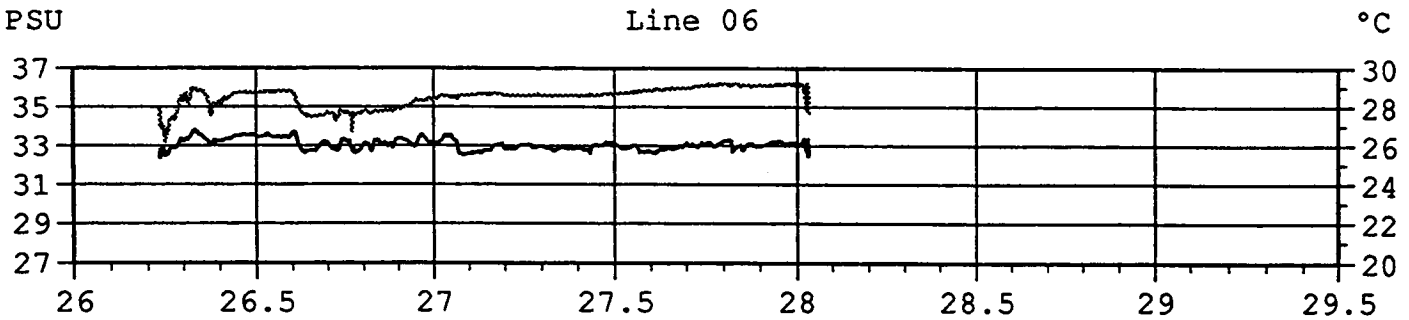
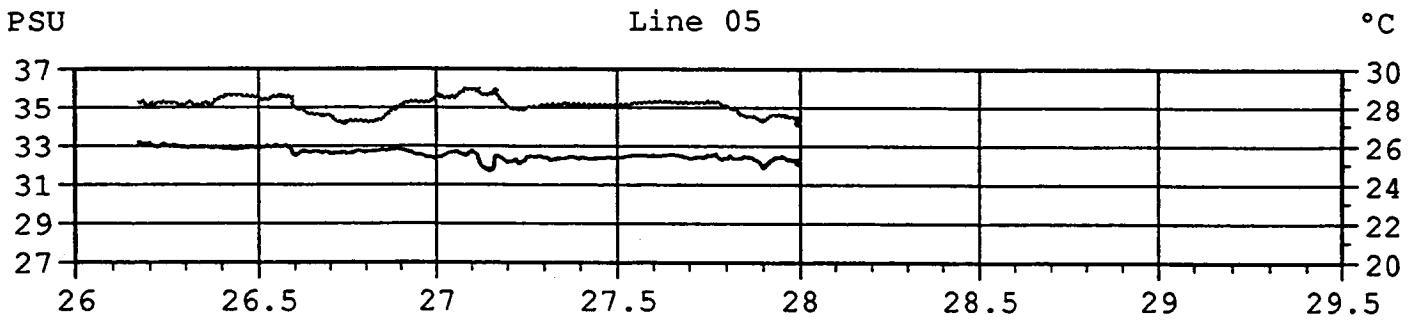
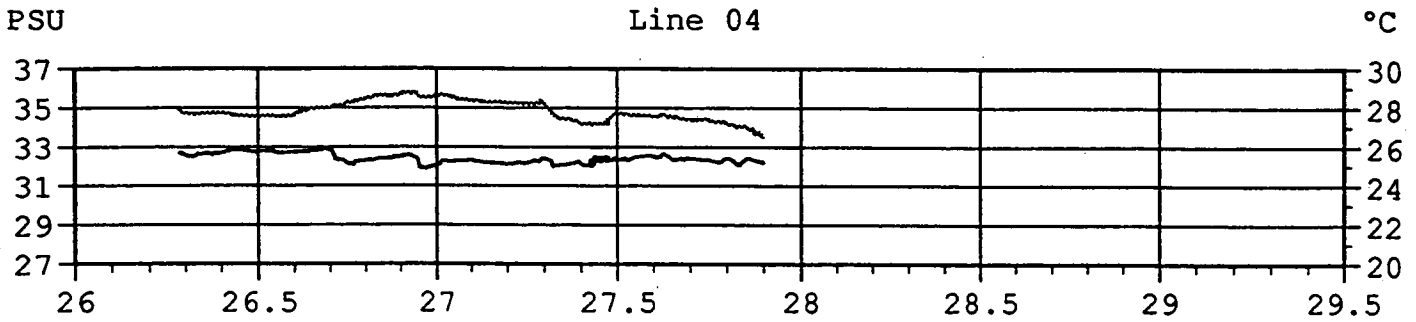
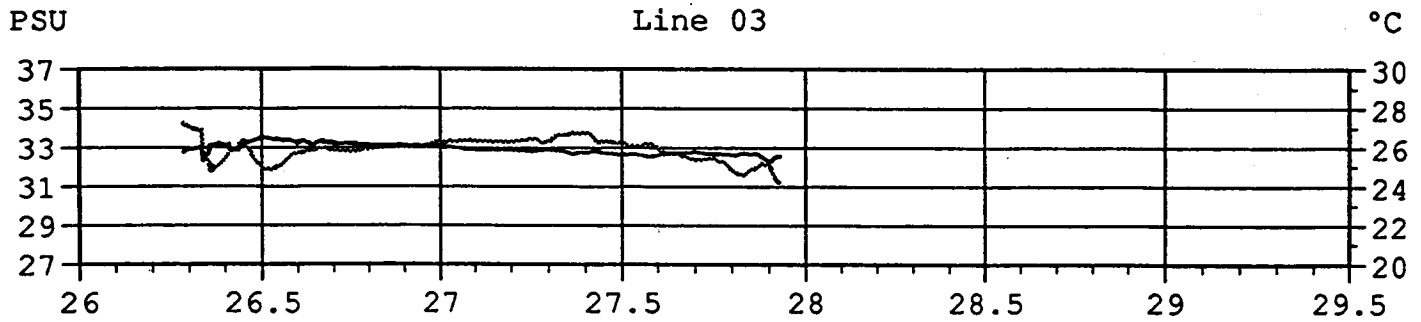


Gulfcet Cruise 05 - Lines 11 and 12



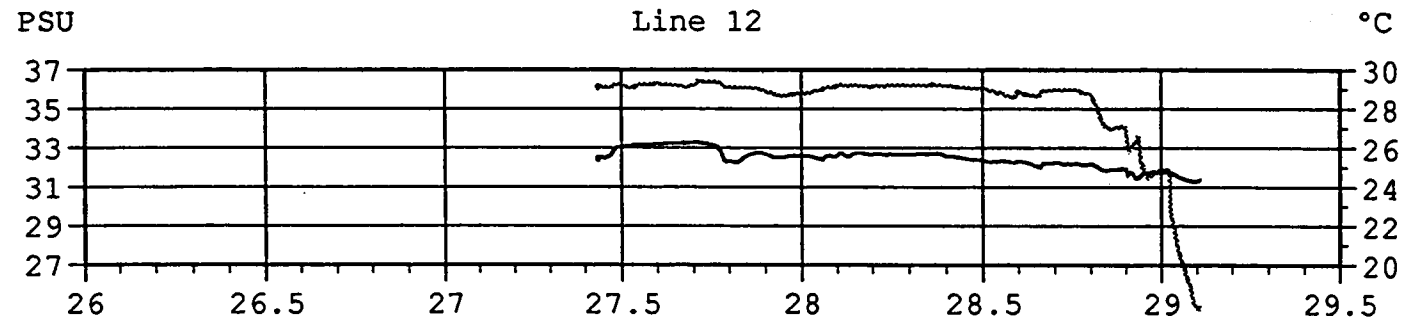
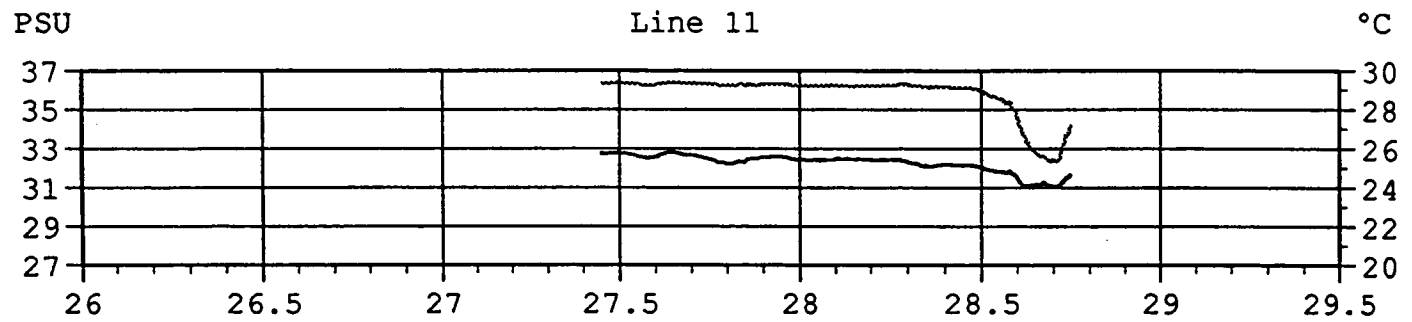
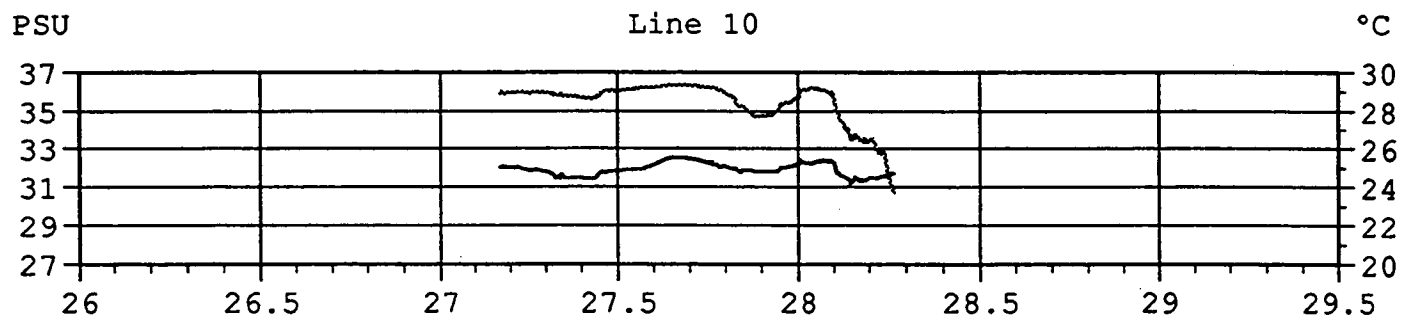
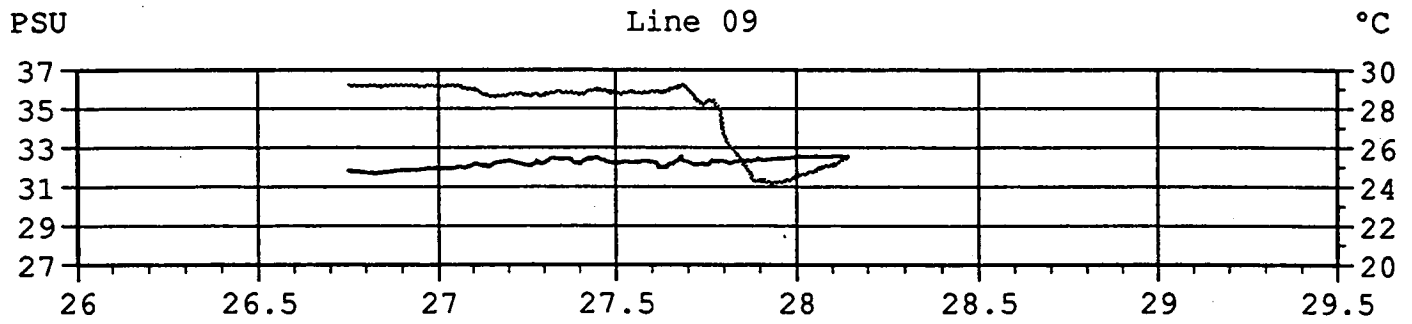
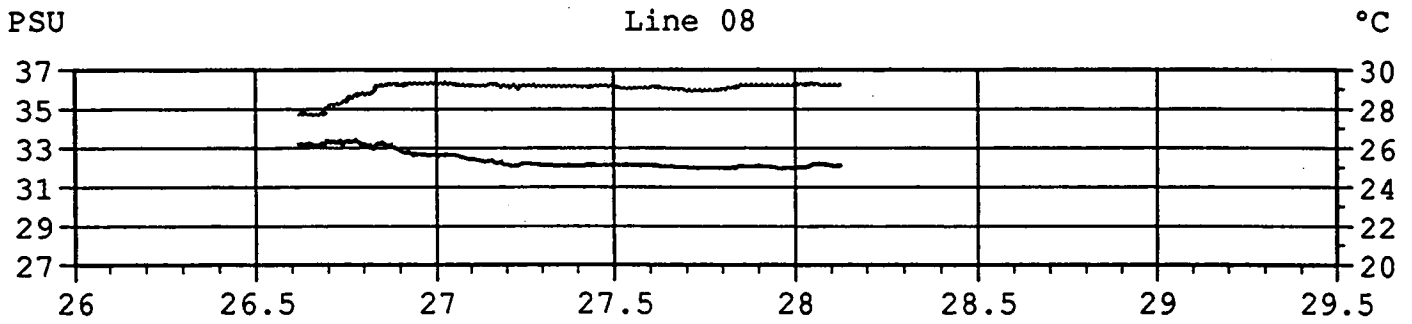
Gulfcet Cruise 05 - Lines 13 and 14

6.7 Continuously Recording Data



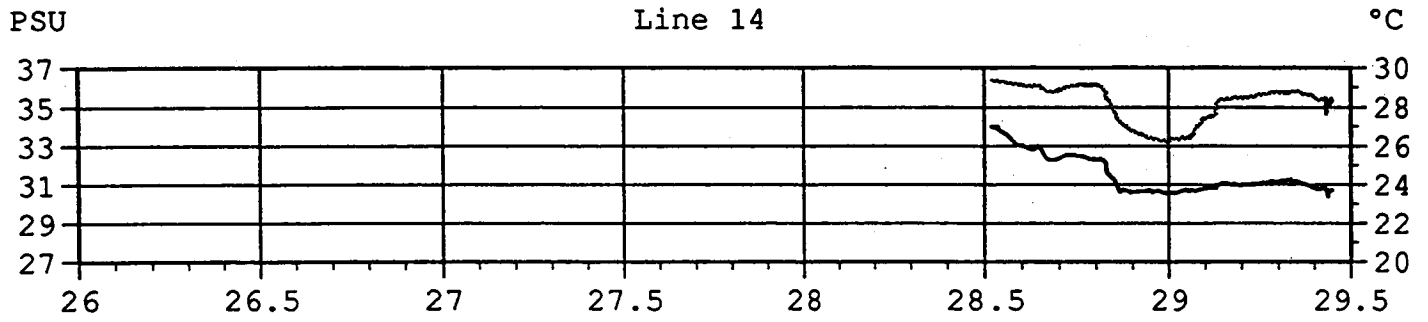
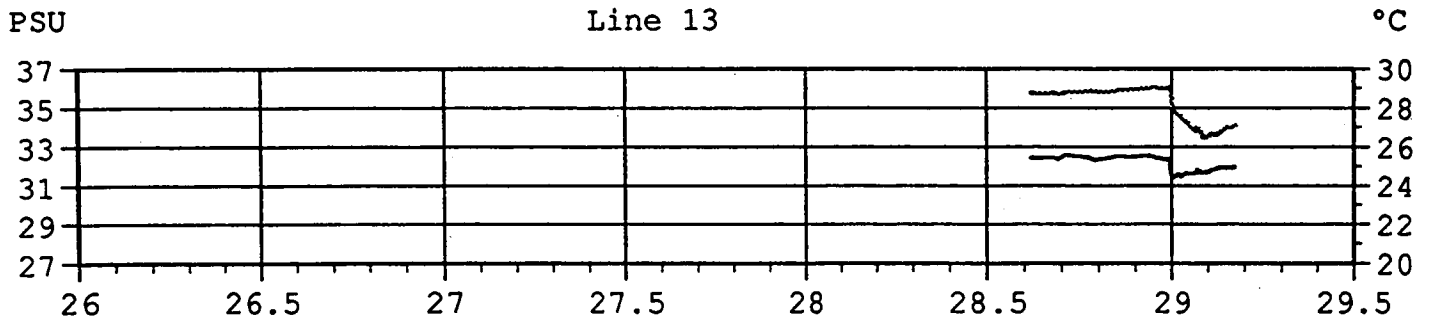
— Salinity

— Temperature



— Salinity

— Temperature



Salinity

Temperature

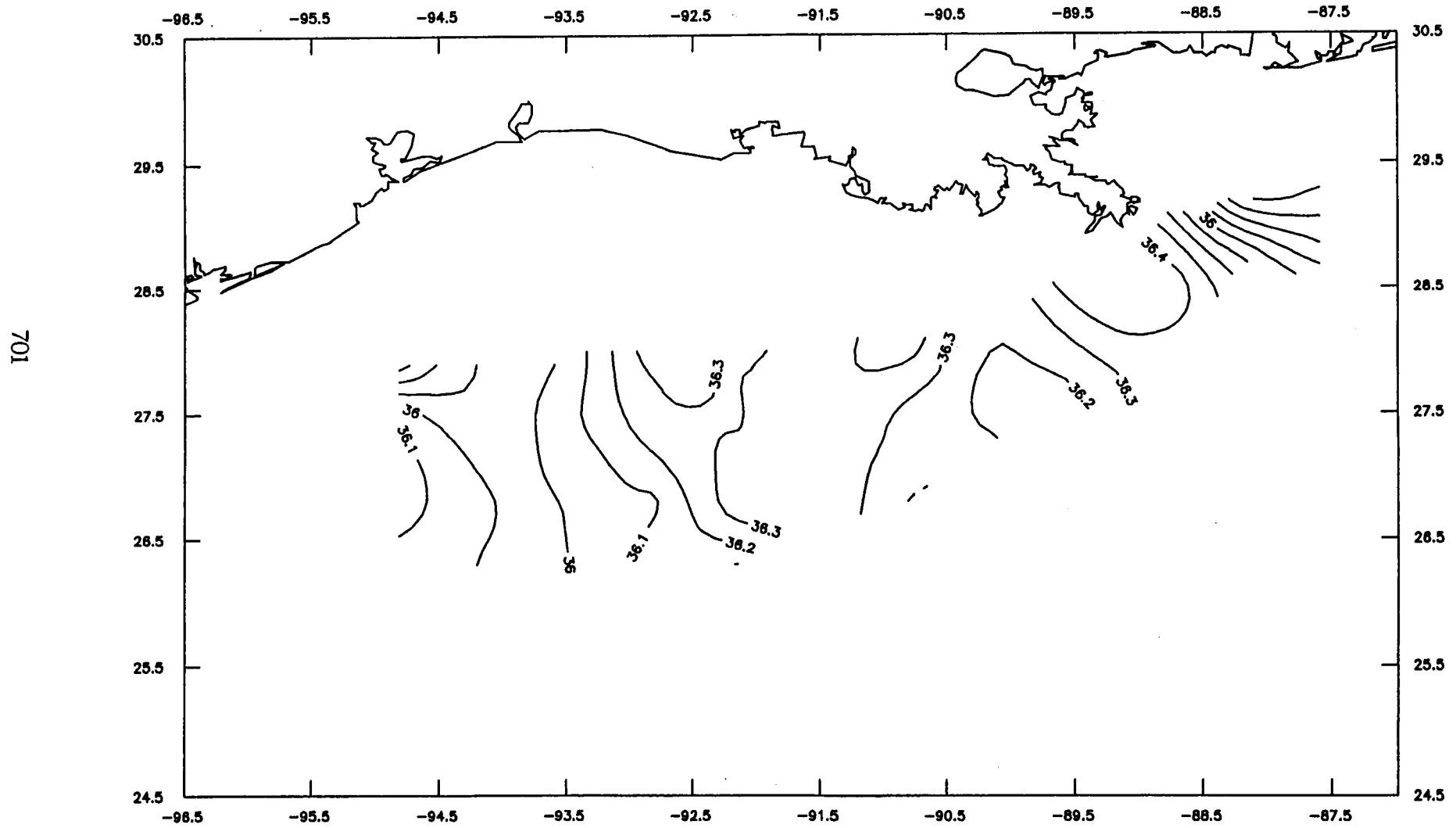
6.8 Salinity Data and Fresh Water Fraction

Data Summary Tables

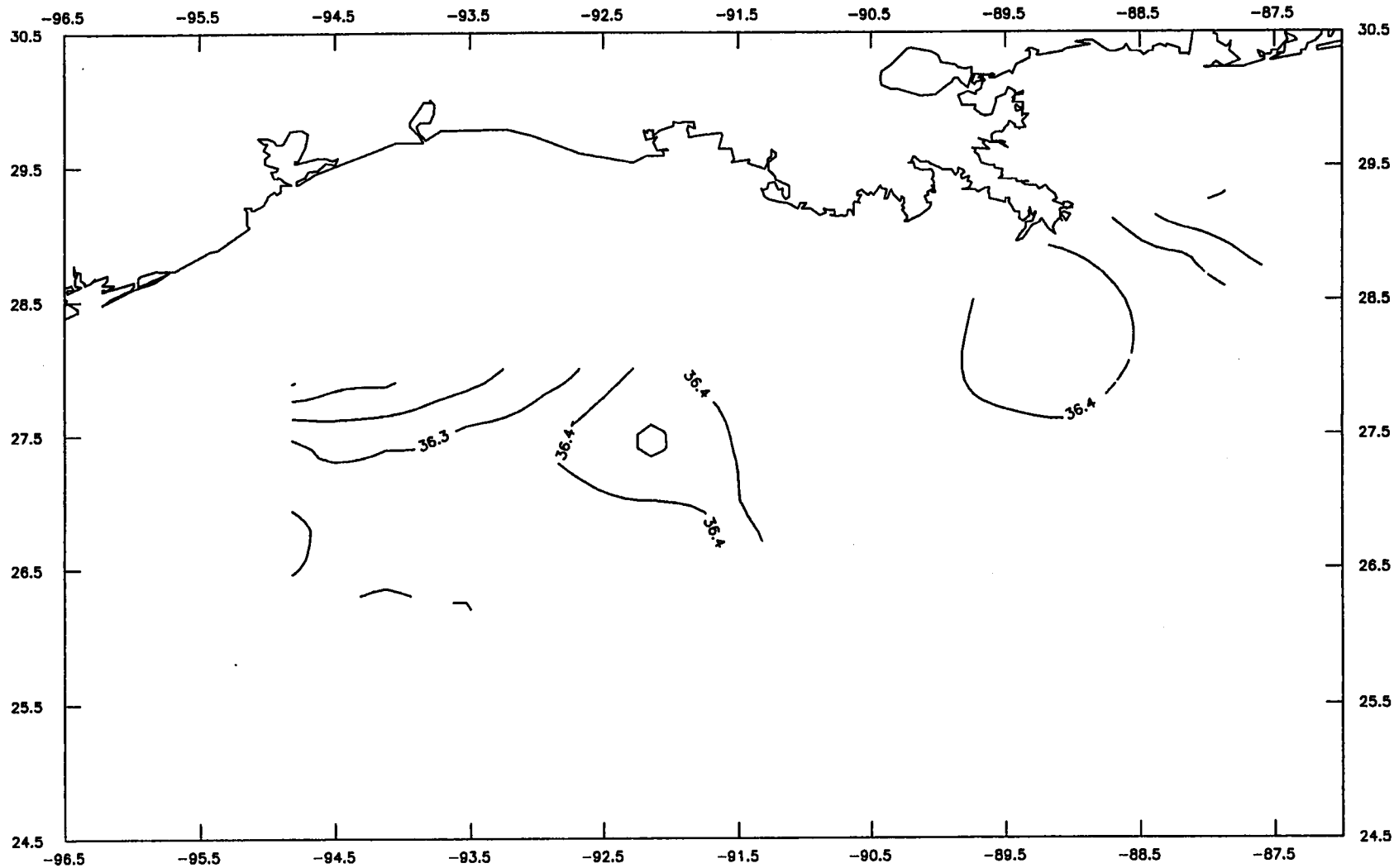
Station	Depth (m)	Bottle Salinity	CTD Salinity	Difference Bottle-CTD	Station	Depth (m)	Bottle Salinity	CTD Salinity	Difference Bottle-CTD
03-021	0.0	31.0349	31.0600	-0.025	08-086	1.9	36.2083	36.1901	0.0182
03-021	36.8	35.6752	35.7086	-0.033	08-086	40.8	36.3473	36.3590	-0.0117
03-026	0.0	33.3498	33.2600	0.090	09-087	0.0	32.8211	32.6000	0.2211
03-026	60.9	36.1188	36.1311	-0.012	09-087	90.1	35.8563	36.3297	-0.4734
03-029	2.0	32.8726	32.7915	0.081	09-093	0.0	35.9581	35.9300	0.0281
03-029	56.6	36.1650	36.1818	-0.017	09-093	78.1	36.4571	36.4741	-0.0170
03-030	1.2	34.3088	34.4170	-0.108	09-096	75.6	36.2515	36.2664	-0.0149
03-030	80.6	36.1573	36.1556	0.002	10-097	2.2	35.9817	35.7834	0.1983
04-031	1.6	34.8649	34.8164	0.049	10-097	68.3	36.3790	36.3980	-0.0190
04-031	68.6	36.1779	36.1967	-0.019	10-100	55.7	36.1584	36.1387	0.0197
04-033	1.3	35.2753	35.2900	-0.015	10-100	1.5	36.2299	36.2417	-0.0118
04-033	68.2	36.1852	36.2078	-0.023	10-105	2.156	25.5517	31.0694	-5.5177
04-042	1.2	33.6168	33.5700	0.047	10-105	83.164	36.3139	36.3259	-0.0120
04-042	59.6	36.0120	35.9890	0.023	11-106	1.68	34.2574	34.3676	-0.1102
05-043	2.9	34.4245	34.3677	0.057	11-106	43.4	36.3859	36.3815	0.0044
05-043	69.2	36.0559	36.0391	0.017	11-112	64	36.3086	36.5687	-0.2601
05-047	1.4	35.1665	34.8851	0.281	11-112	1.92	36.2746	36.2103	0.0644
05-047	75.8	36.2453	36.2573	-0.012	11-115	75.7	36.4850	36.3517	0.1333
05-050	1.9	34.2992	34.2733	0.026	11-115	2.047	36.3320	36.3390	-0.0070
05-050	79.2	36.2795	36.3129	-0.033	12-116	66.33	36.4526	36.4205	0.0321
05-053	1.3	35.2885	35.2804	0.008	12-116	1.222	36.0552	36.0787	-0.0235
05-053	69.9	36.2652	36.2348	0.030	12-119	501.89	34.9300	34.9014	0.0285
06-054	1.3	34.5756	34.8200	-0.244	12-119	75.68	36.5234	36.5338	-0.0104
06-054	55.0	36.3314	36.1874	0.144	12-119	1.47	36.1540	36.1364	0.0176
06-055	0.8	34.7034	34.6934	0.010	12-125	88.23	36.3749	36.3878	-0.0129
06-055	60.3	36.1628	36.1515	0.011	12-125	44	36.2050	36.2230	-0.0179
06-059	1.0	35.5992	35.5555	0.044	12-125	1.5	26.6190	28.3770	-1.7579
06-059	69.7	36.3666	36.3676	-0.0010	13-126	1.3	34.8817	33.8107	1.0711
06-064	0.8	34.8567	34.6857	0.1710	13-126	16.111	34.9365	34.9636	-0.0271
06-064	81.2	36.1925	36.1959	-0.0034	13-126	88.55	36.1449	36.1467	-0.0017
07-065	1.8	32.5444	32.5798	-0.0354	13-133	0.738	36.0998		
07-065	73.8	36.4661	36.4442	0.0219	13-133	60.73	35.8786	36.0933	-0.2146
07-071	0.8	35.5911	35.6592	-0.0681	13-133	75.079	36.1518	36.1464	0.0054
07-071	71.6	36.4073	36.4187	-0.0114	13-134	1.902	35.8076	35.8217	-0.0141
07-073	2.0	36.0640	36.0554	0.0086	13-134	67.022	36.1208	36.2128	-0.0920
07-073	83.3	36.2736	36.2746	-0.0010	13-134	87.788	36.2388	36.2360	0.0028
07-075	2.2	36.0542	36.0527	0.0015	14-135	499	35.1730	35.1329	0.0401
07-075	85.4	36.2665	36.2920	-0.0255	14-135	98.06	36.1512	36.1621	-0.0108
08-076	2.8	34.7789	34.7719	0.0070	14-135	1.5	36.3375	35.8702	0.4673
08-076	61.3	36.4633	36.4735	-0.0102	14-136	500.1	35.0367	35.0114	0.0253
08-080	46.9	36.1147	36.6496	-0.5349	14-136	80.52	36.0041	36.0151	-0.0110
08-080	2.2	36.6259	36.1096	0.5163	14-136	2.75	36.1299	36.0994	0.0305

Salinity (PSU) at Reference Density 25

GulfCet 05



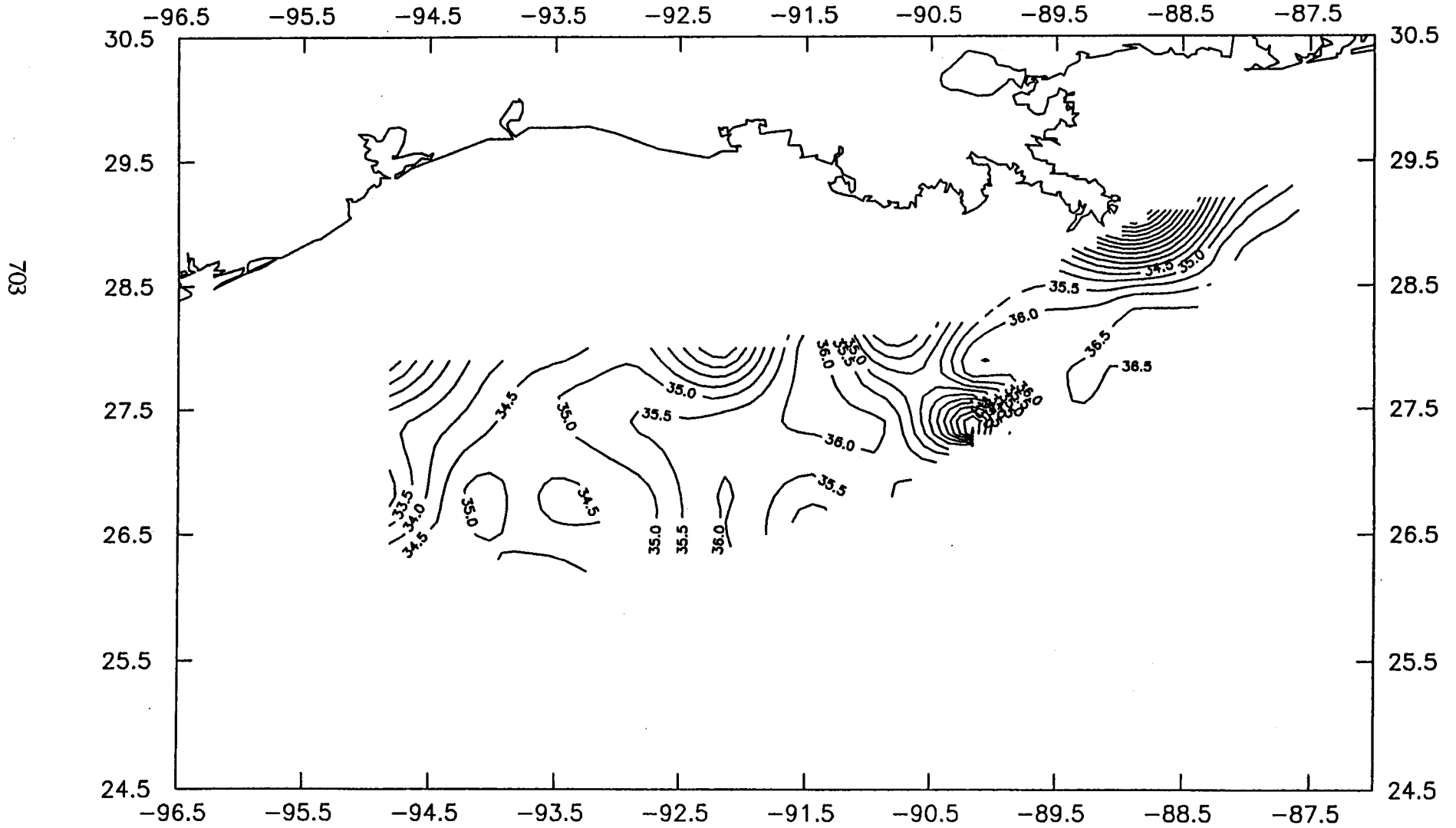
Salinity (PSU) at Reference Density 26 GulfCet 05



702

CTD Surface Salinity (PSU)

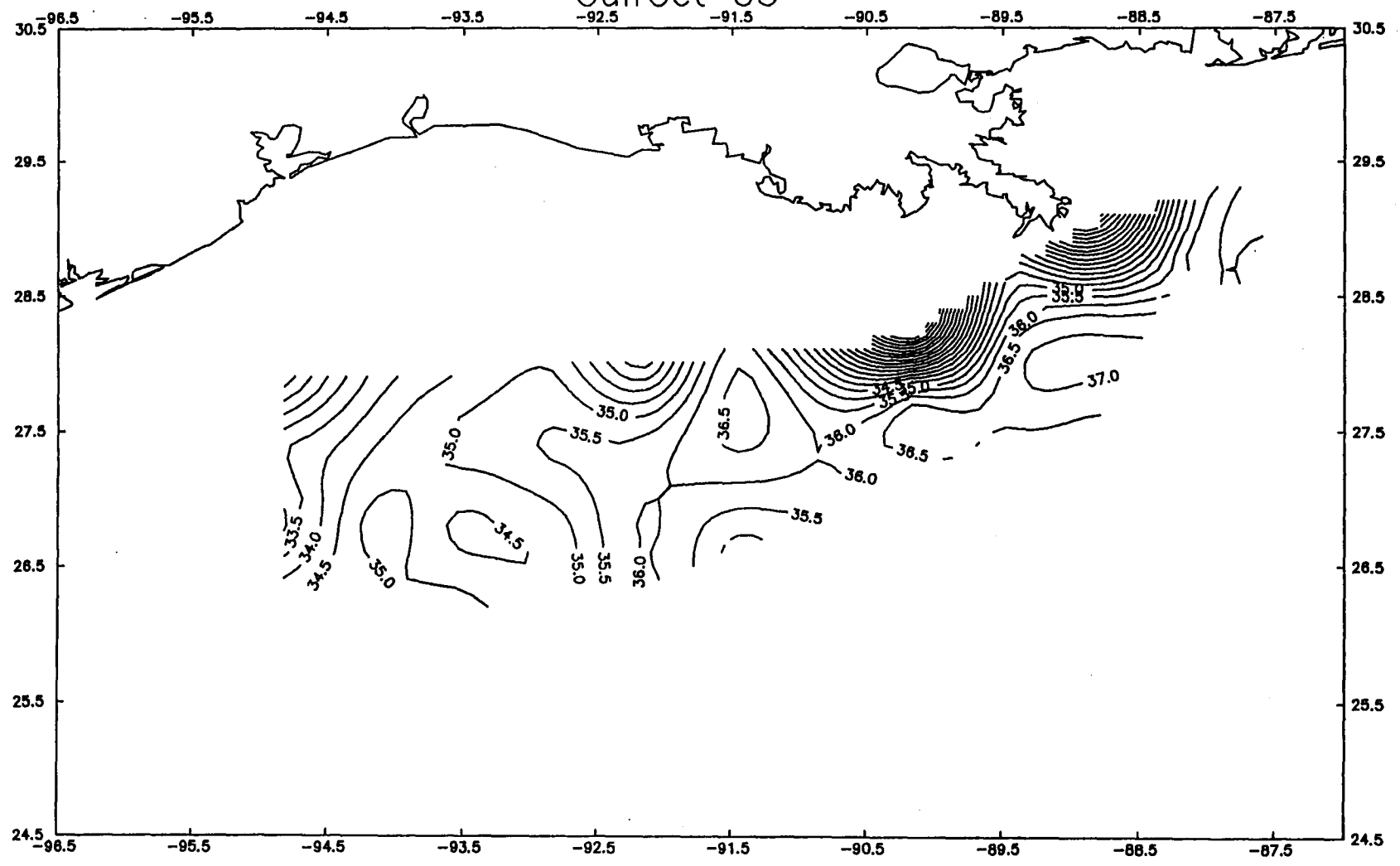
GulfCet 05



Niskin Bottle Surface Salinity (PSU)

GulfCet 05

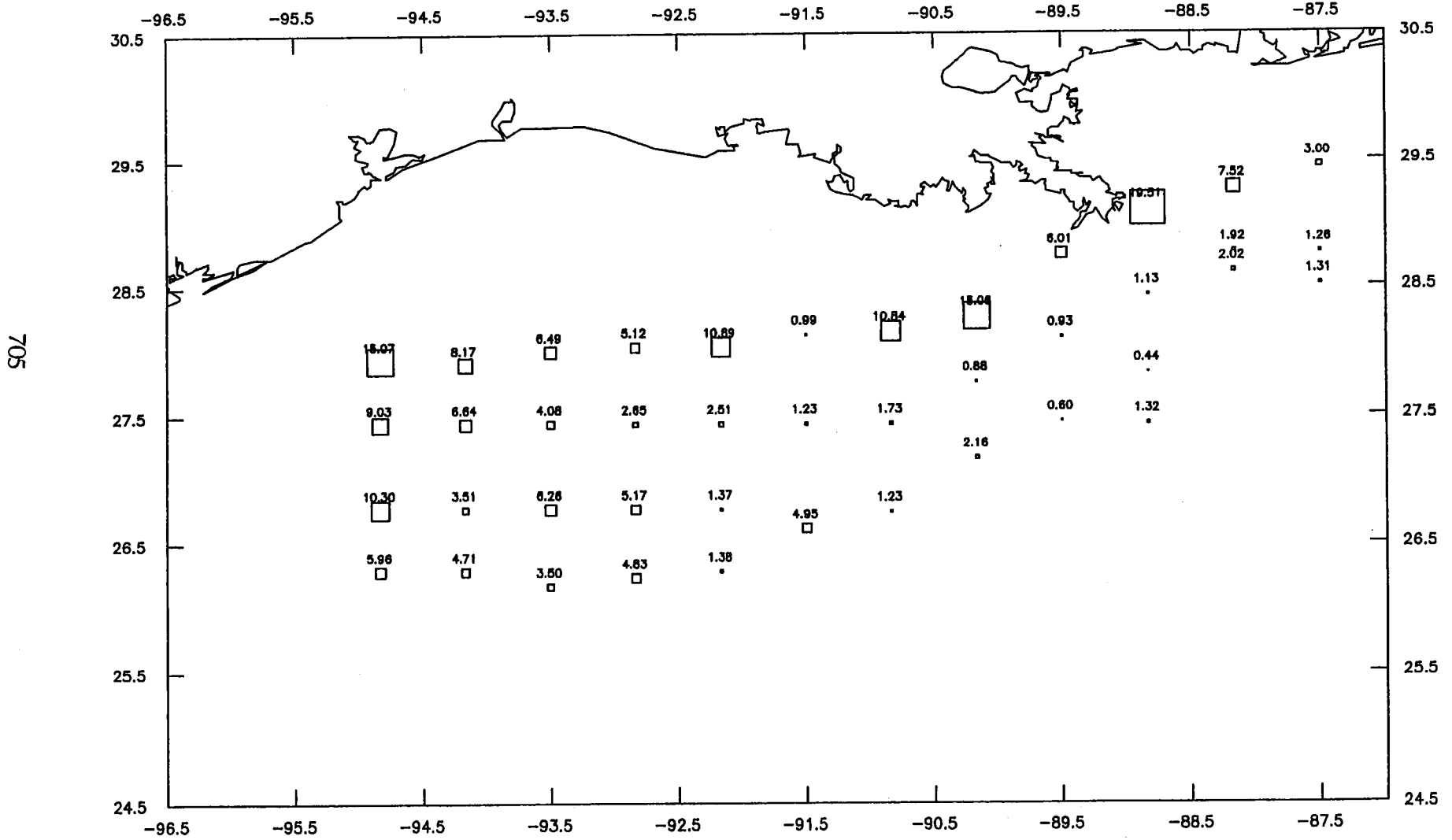
704



Reference 36.56 psu
0-3m average

Fresh Water Fraction (%)

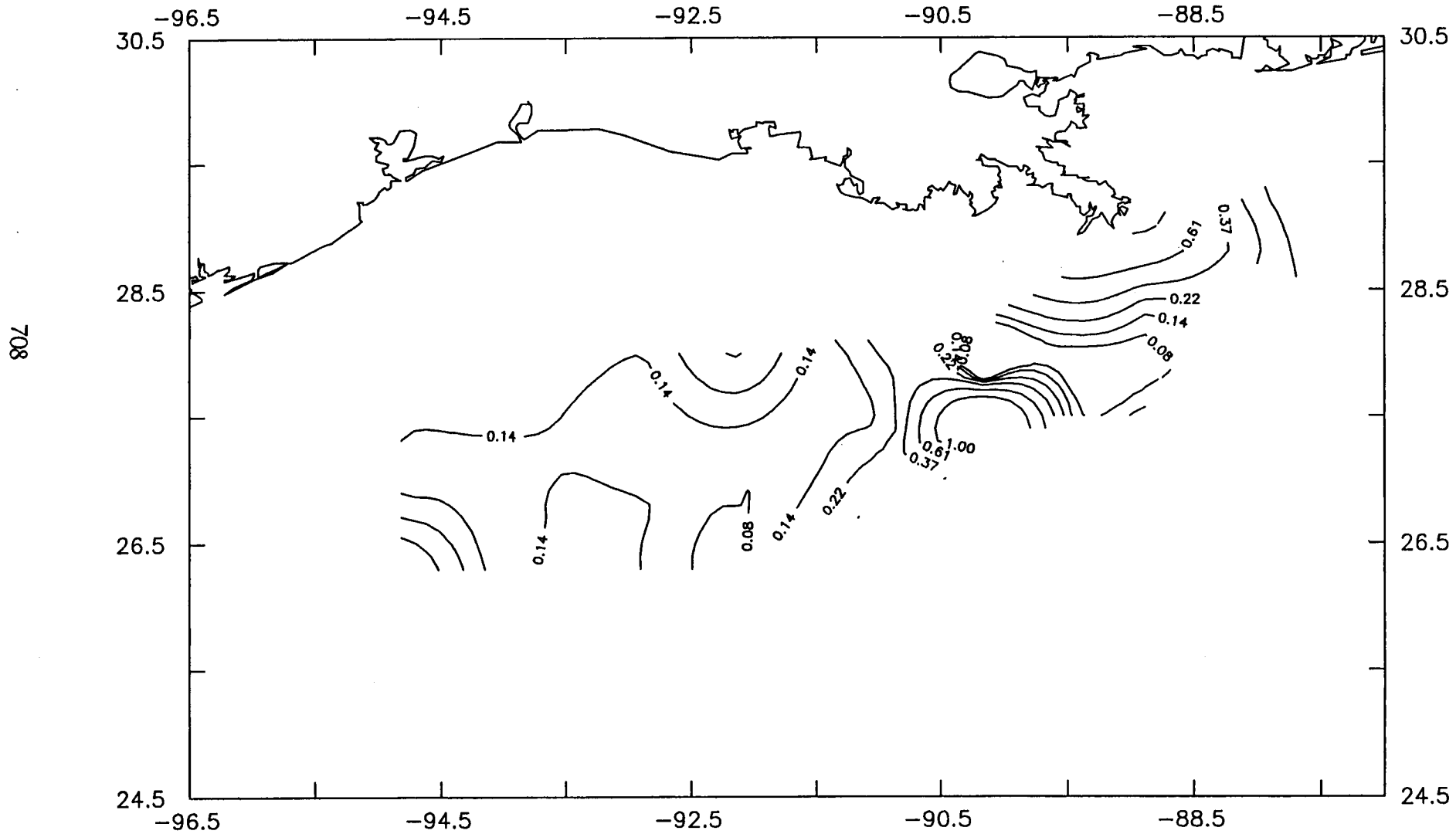
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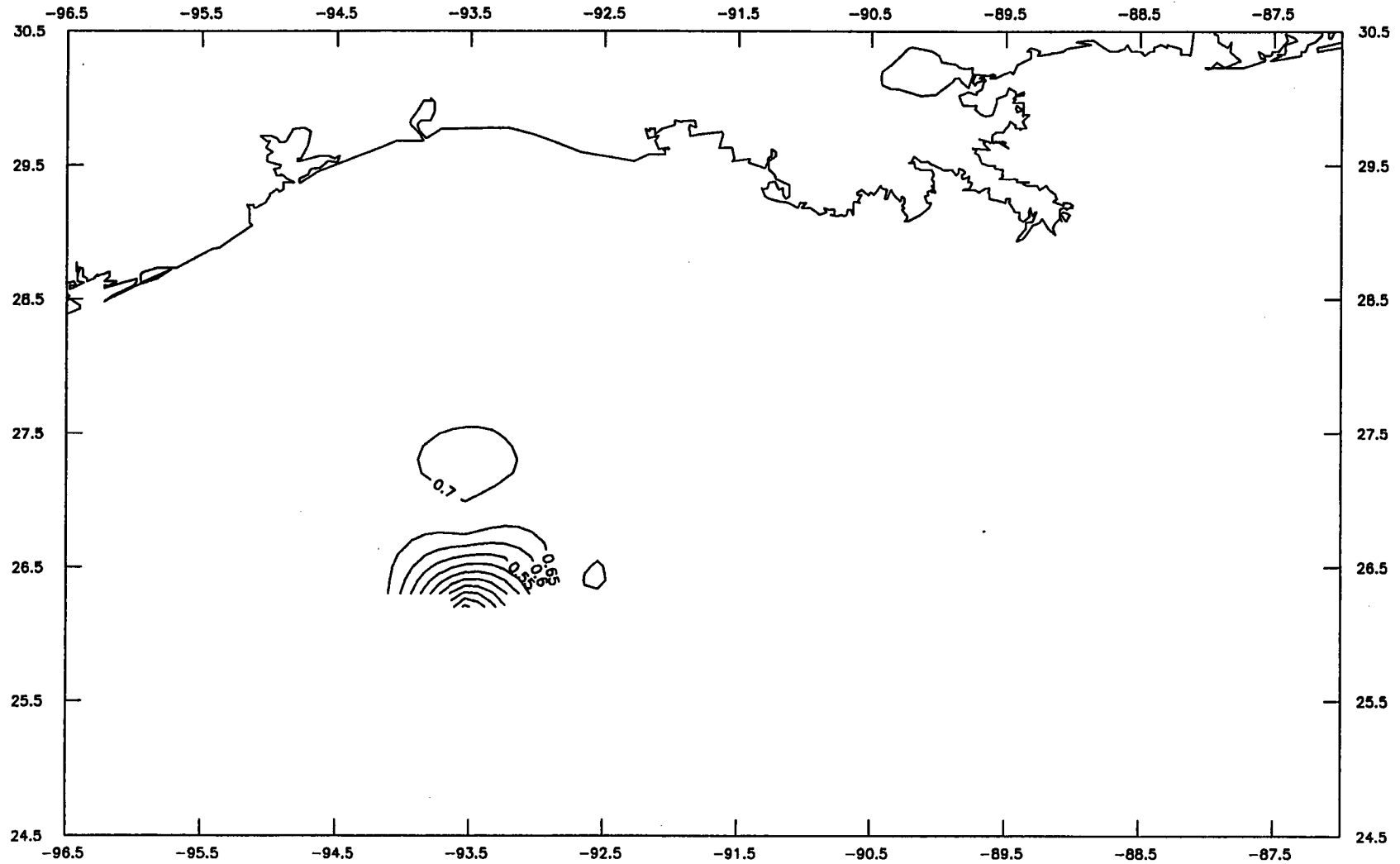
6.9 Chlorophyll Data

Surface Chla. (mg/m³)

GulfCet 05

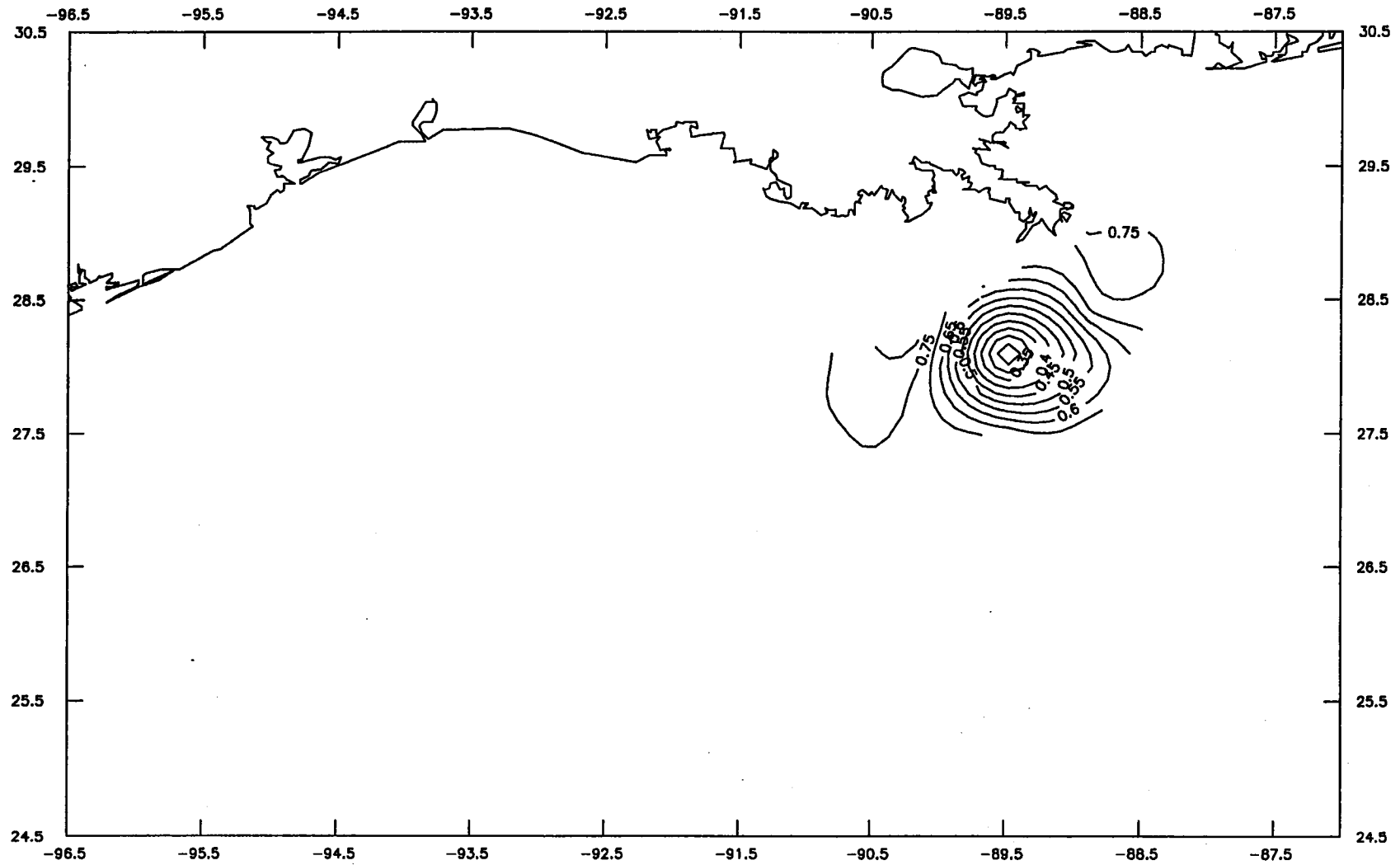


Chlorophyll (mg/m^3) at 10 m
GulfCet 05



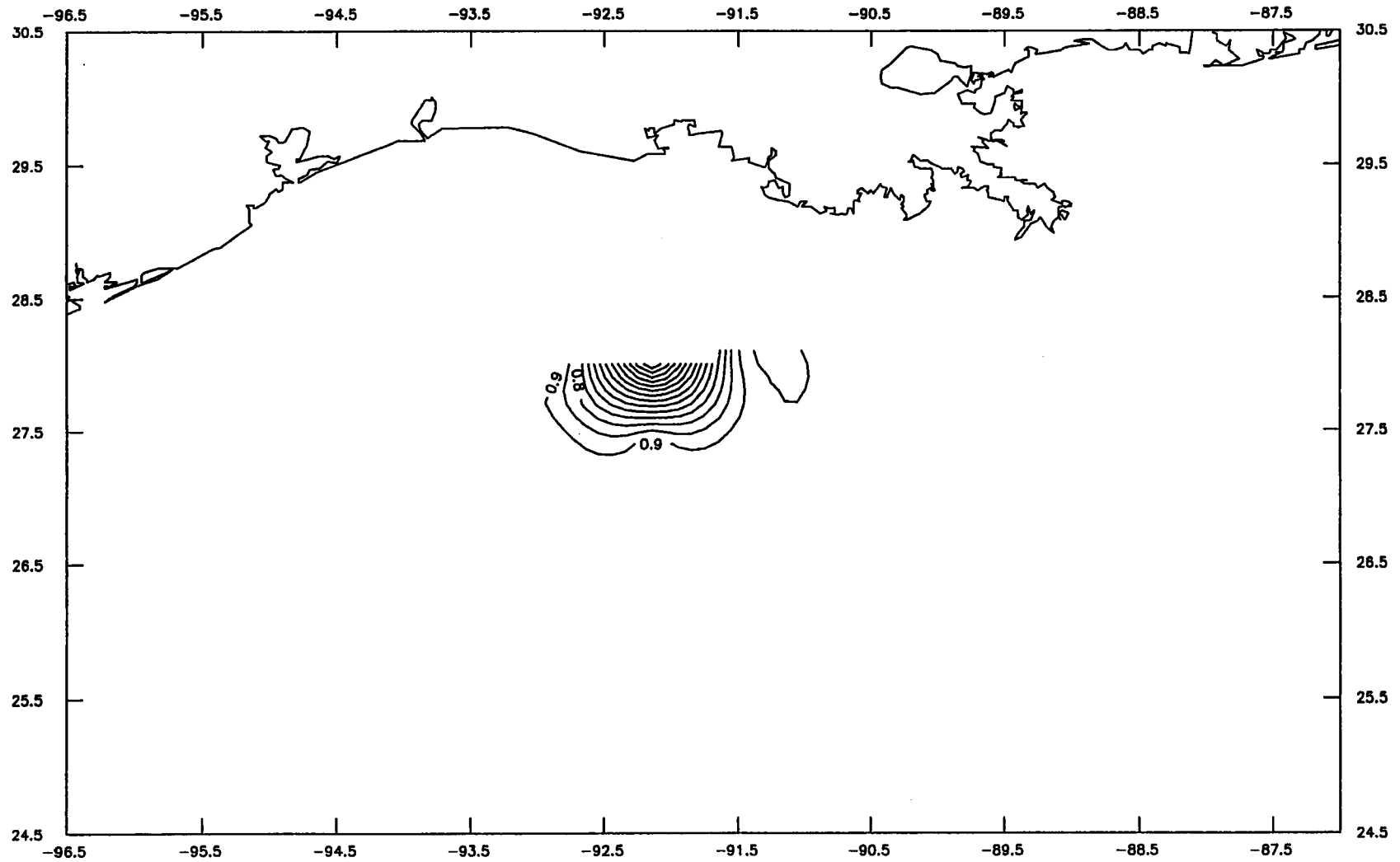
709

Chlorophyll (mg/m^3) at 30 m
GulfCet 05

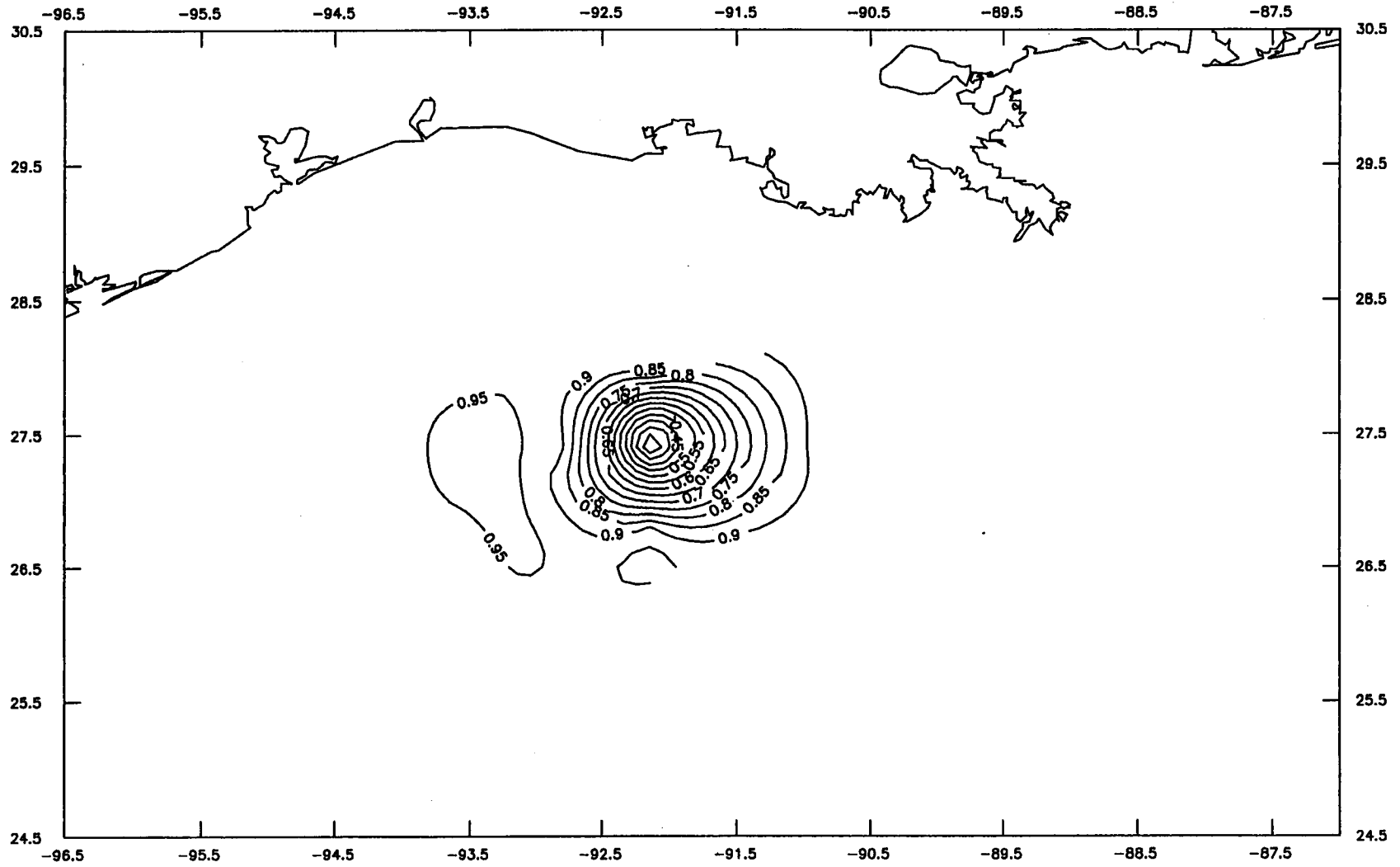


710

Chlorophyll (mg/m^3) at 40 m
GulfCet 05



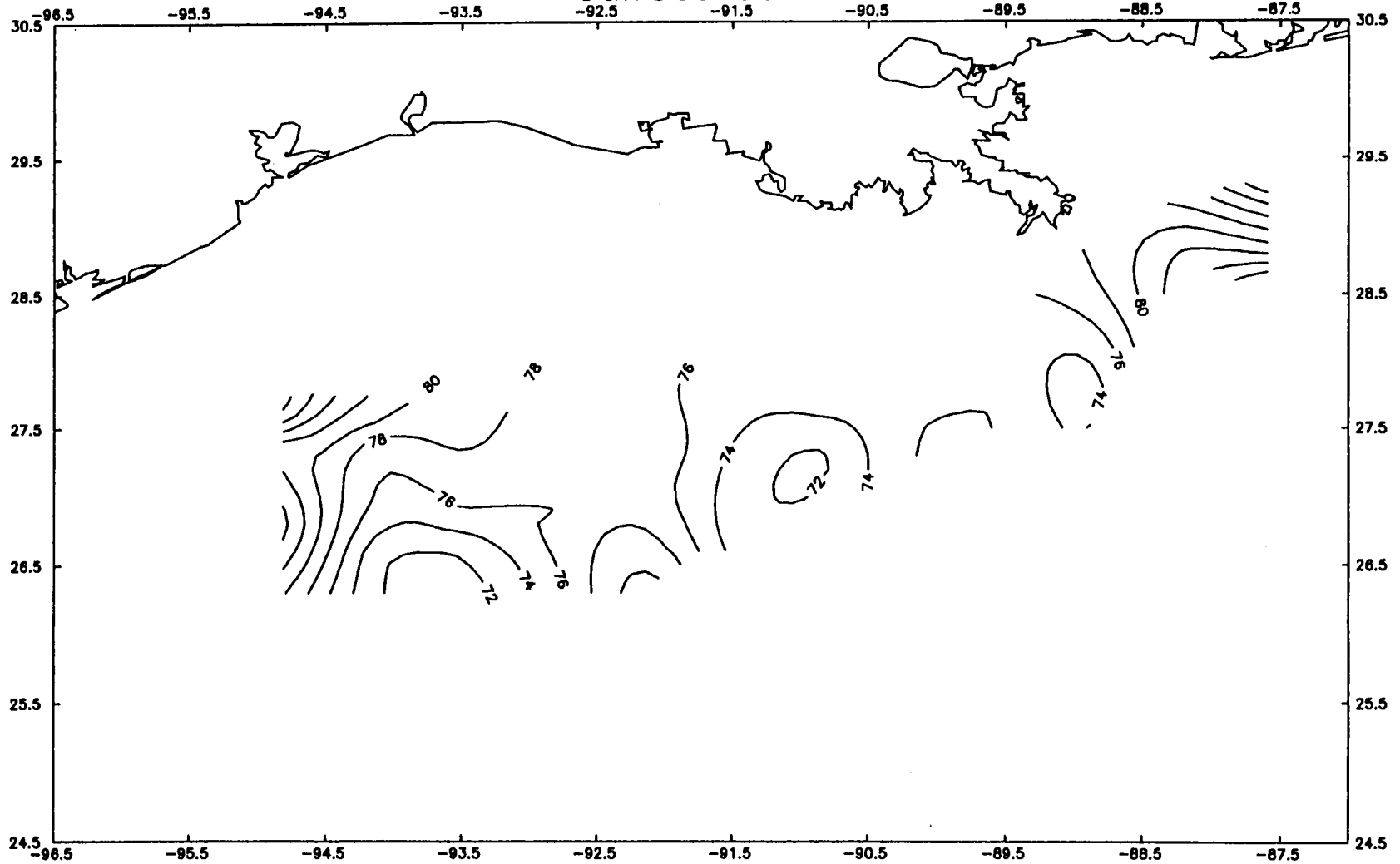
Chlorophyll (mg/m^3) at 50 m
GulfCet 05



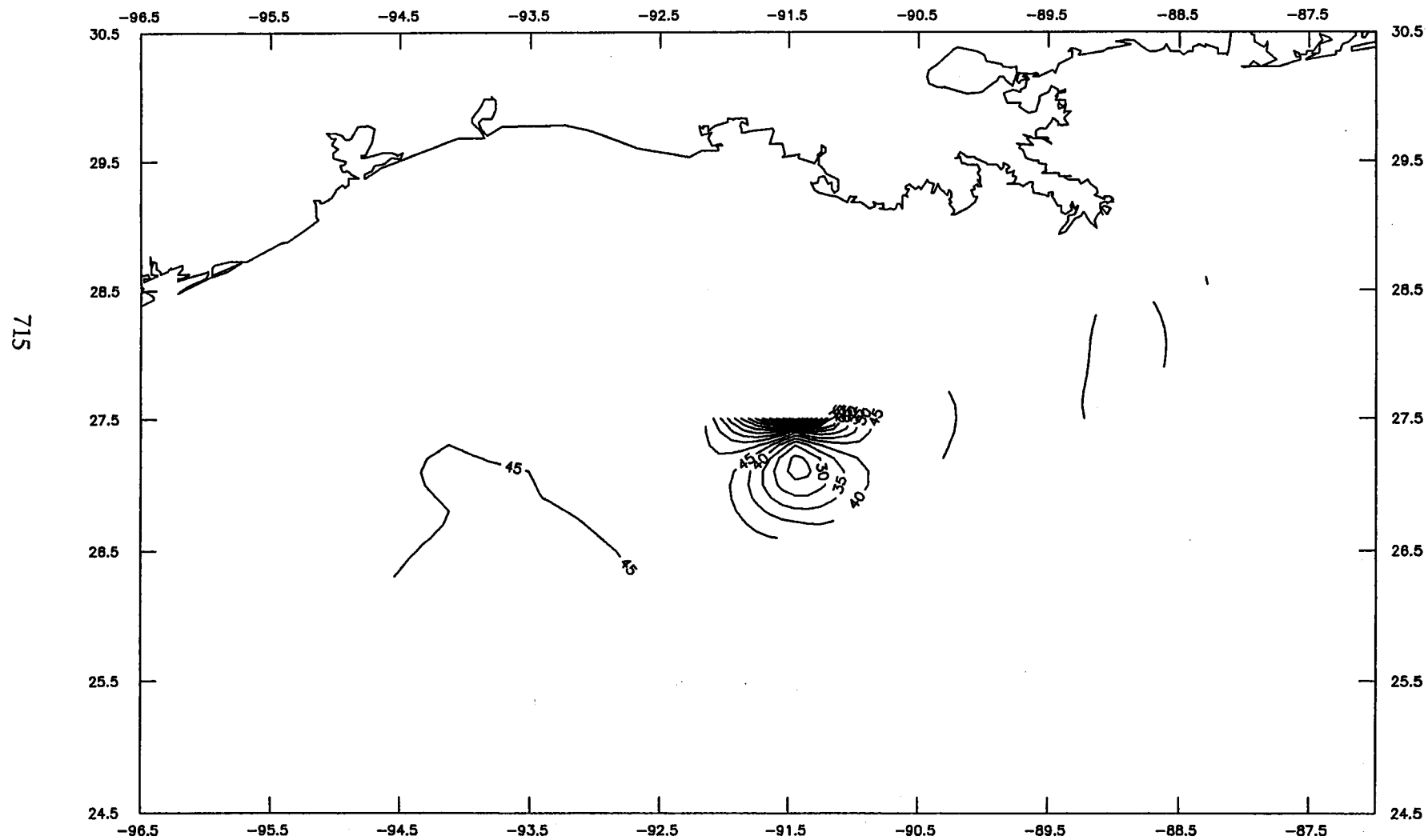
6.10 Dynamic Height Plots

Surface Dynamic Height (dyn. cm)

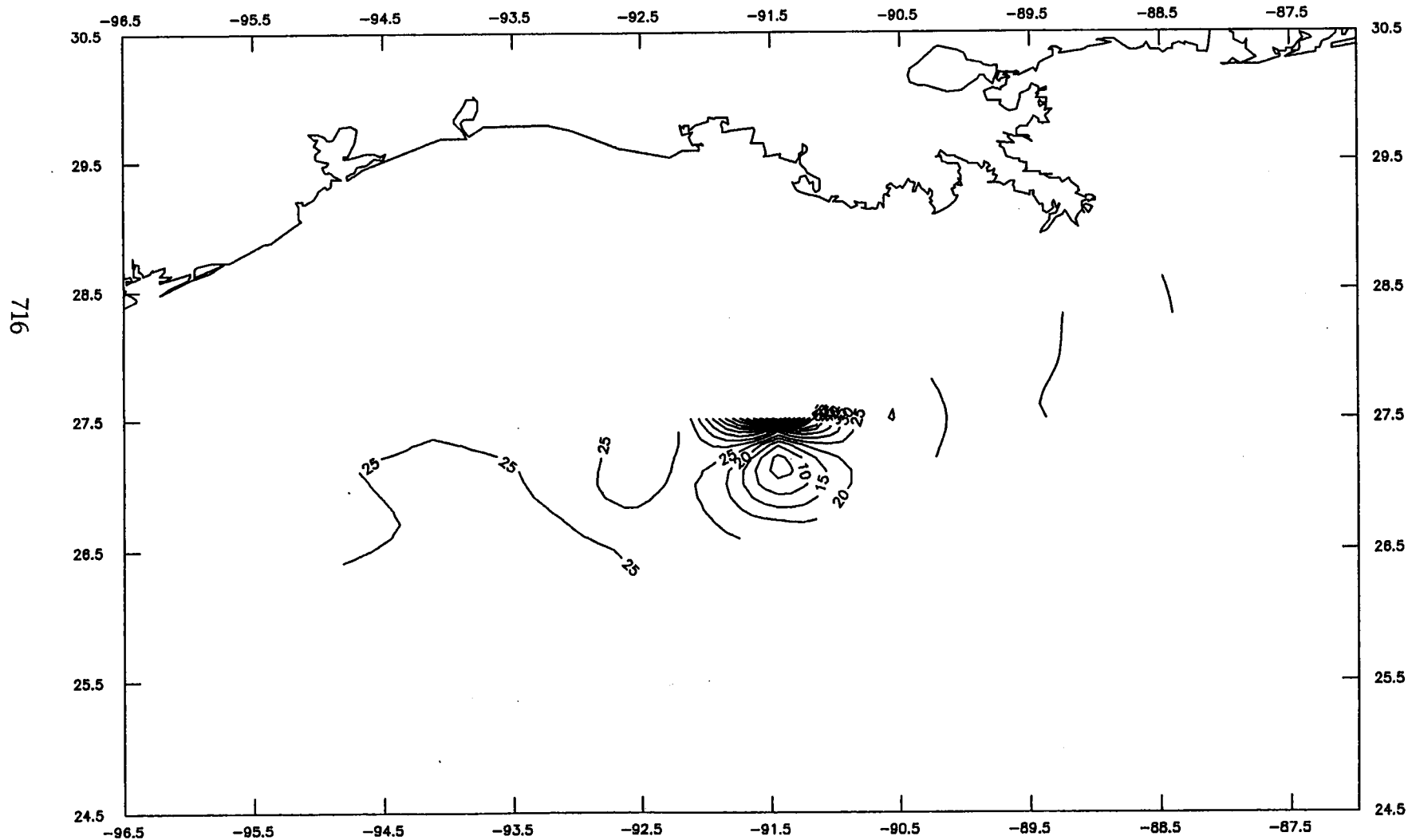
GulfCet_05



Dynamic Height (dyn. cm) 100m
GulfCet 05



Dynamic Height (dyn. cm) 250m
GulfCet 05

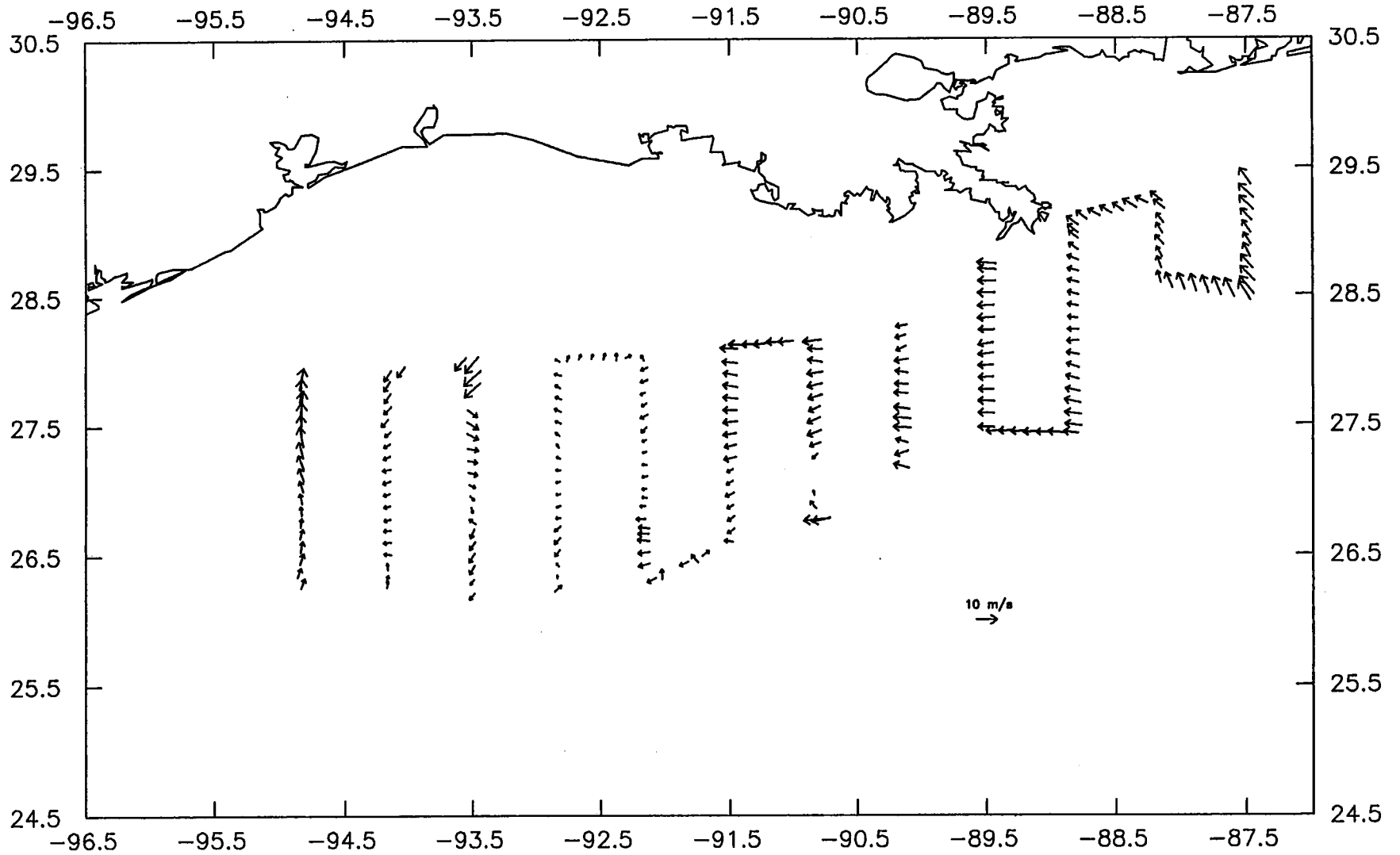


6.11 Wind Speed and Direction Plot

Wind Speed and Direction

GulfCet 05

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VII. TIO CRUISE 6

7.1 Personnel

TIO 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 Respess

TAMUG, Marine Technician

Troy Sparks

TAMU, Graduate Student

Stefan Bräger

Volunteer

Spencer Lynn

TAMU, Graduate Student

David Weller

TAMU, Graduate Student

Lisa Delos Santos

TAMUG, Student

David Brandon

TAMUG, Computer
Programmer

Luis Montañó-Luna

Volunteer

Shane Kanatous

TAMU, Graduate Student

Mary Howley

TAMUG, Clerk

Dwight Peake

Volunteer

TIO Analytical and Processing Personnel:

Sample Analysis:

Logan Respess

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

7.2 Expendable Bathythermograph (XBT) Data

Cruise 6 XBT Stations and Probe Types

XBT station	Date	Start time	Latitude (north)	Longitude (west)	Probe type	XBT station	Date	Start time	Latitude (north)	Longitude (west)	Probe type
03-021	06 Sep 93	1117	27°55.98'	94°50.04'	T-10	08-083	01 Sep 93	1548	27°49.50'	91°30.00'	T-7
03-022	06 Sep 93	1038	27°51.53'	94°49.98'	T-10	08-084	01 Sep 93	1531	27°52.00'	91°30.00'	T-7
03-023	06 Sep 93	1017	27°49.07'	94°49.91'	T-7	08-085	01 Sep 93	1525	27°52.99'	91°29.94'	T-10
03-024	06 Sep 93	0919	27°42.01'	94°50.02'	T-7	09-EX6	31 Aug 93	1800	28°49.43'	90°47.27'	T-7
03-025	06 Sep 93	0816	27°34.00'	94°50.01'	T-7	09-088	01 Sep 93	0840	28°02.52'	90°50.06'	T-10
03-026	06 Sep 93	0711	27°26.00'	94°50.01'	T-7	09-089	01 Sep 93	0723	28°00.00'	90°50.00'	T-7
03-027	06 Sep 93	0650	27°23.09'	94°49.70'	T-7	09-090	01 Sep 93	0614	27°52.00'	90°49.99'	T-7
03-028	06 Sep 93	0400	27°03.49'	94°50.05'	T-7	09-091*	01 Sep 93	0512	27°45.95'	90°50.00'	T-7
03-029	06 Sep 93	0128	26°46.00'	94°49.81'	T-7	09-092	01 Sep 93	0425	27°39.49'	90°50.08'	T-7
03-B11	05 Sep 93	2354	26°31.05'	94°50.09'	T-7	09-094	01 Sep 93	0014	27°16.00'	90°49.98'	T-20
03-030	05 Sep 93	2229	26°18.16'	94°50.16'	T-20	09-B04	31 Aug 93	2202	26°59.96'	90°50.05'	T-7
BL-EX9	05 Sep 93	2110	26°16.95'	94°36.97'	T-7	10-098	31 Aug 93	1325	27°11.48'	90°10.03'	T-7
04-032	05 Sep 93	1515	26°36.96'	94°10.03'	T-20	10-B03	31 Aug 93	1127	27°26.05'	90°9.88'	T-7
04-033	05 Sep 93	1314	26°46.61'	94°10.15'	T-7	10-099	31 Aug 93	0930	27°40.00'	90°10.00'	T-20
04-B10	05 Sep 93	1041	27°06.00'	94°09.97'	T-7	10-101	31 Aug 93	0712	27°50.00'	90°09.95'	T-7
04-037	05 Sep 93	0640	27°30.00'	94°10.00'	T-20	10-102	31 Aug 93	0534	28°02.09'	90°10.06'	T-7
04-038	05 Sep 93	0537	27°38.00'	94°10.00'	T-7	10-103	31 Aug 93	0519	28°04.00'	90°10.00'	T-7
04-039	05 Sep 93	0512	27°41.00'	94°10.01'	T-7	10-104	31 Aug 93	0431	28°09.50'	90°10.00'	T-10
04-040	05 Sep 93	0445	27°44.00'	94°10.02'	T-7	BL-EX5	31 Aug 93	0136	28°25.70'	89°56.50'	T-10
04-041	05 Sep 93	0400	27°49.96'	94°10.02'	T-10	BL-EX4	30 Aug 93	2357	28°35.48'	89°43.32'	T-10
BL-EX8	05 Sep 93	1955	26°17.00'	94°23.51'	T-7	11-107	30 Aug 93	2040	28°36.00'	89°30.04'	T-10
05-045	04 Sep 93	2011	27°34.99'	93°29.46'	T-7	11-108	30 Aug 93	2008	28°32.10'	89°30.01'	T-7
05-046	04 Sep 93	1955	27°32.99'	93°30.01'	T-7	11-109	30 Aug 93	1937	28°28.31'	89°30.25'	T-7
05-048	04 Sep 93	1534	27°21.00'	93°29.95'	T-7	11-110	30 Aug 93	1839	28°21.99'	89°30.27'	T-7
05-049	04 Sep 93	1518	27°05.98'	93°29.98'	T-20	11-111	30 Aug 93	1740	28°15.11'	89°29.95'	T-20
05-051	04 Sep 93	1059	26°43.00'	93°29.90'	T-20	11-B02	30 Aug 93	1321	27°51.86'	89°30.06'	T-7
05-B09	04 Sep 93	0819	26°26.10'	93°29.90'	T-7	11-EX3	31 Aug 93	1759	29°17.31'	89°29.99'	T-7
06-B08	03 Sep 93	2207	26°29.92'	92°50.09'	T-7	11-113	30 Aug 93	1042	27°37.99'	89°29.88'	T-20
06-056	03 Sep 93	1811	26°52.24'	92°49.81'	T-20	12-B01	29 Aug 93	2153	27°59.97'	88°50.01'	T-7
06-B07	03 Sep 93	1621	27°05.96'	92°49.93'	T-7	12-EX3	29 Aug 93	1512	28°36.85'	88°49.94'	T-7
06-058	03 Sep 93	1434	27°18.94'	92°49.93'	T-20	12-118	29 Aug 93	1953	28°14.41'	88°50.12'	T-20
06-060	03 Sep 93	1133	29°34.12'	92°49.98'	T-7	12-120	29 Aug 93	1414	28°43.60'	88°50.00'	T-20
06-061	03 Sep 93	1023	27°41.05'	92°50.10'	T-7	12-121	29 Aug 93	1334	28°46.89'	88°49.94'	T-7
06-062	03 Sep 93	0955	27°43.43'	92°50.10'	T-7	12-122	29 Aug 93	1244	28°53.05'	88°49.98'	T-7
06-063	03 Sep 93	0811	27°55.05'	92°49.76'	T-10	12-123	29 Aug 93	1222	28°55.50'	88°50.11'	T-7
07-EX7	02 Sep 93	1525	26°47.71'	92°07.61'	T-7	BL-EX2	29 Aug 93	0753	29°12.89'	88°23.53'	T-7
07-066	03 Sep 93	0130	27°53.00'	92°10.03'	T-10	13-127	29 Aug 93	0529	29°13.01'	88°09.93'	T-10
07-067	03 Sep 93	0121	27°51.99'	92°10.03'	T-7	13-128	29 Aug 93	0505	29°10.60'	88°10.05'	T-7
07-068	03 Sep 93	0021	27°44.97'	92°09.97'	T-7	13-129	29 Aug 93	0443	29°08.59'	88°09.98'	T-7
07-069	02 Sep 93	2318	27°36.99'	92.09.91'	T-7	13-130	29 Aug 93	0411	29°05.00'	88°10.00'	T-7
07-070	02 Sep 93	2238	27°29.50'	92.09.93'	T-20	13-131	29 Aug 93	0356	29°03.00'	88°10.00'	T-20
07-072	02 Sep 93	1851	27°10.03'	92°10.11'	T-20	13-132	29 Aug 93	0200	28°49.00'	88°10.00'	T-7
07-B06	02 Sep 93	1125	26°31.00'	92°10.00'	T-7	14-137	28 Aug 93	1151	29°03.97'	87°30.09'	T-7
08-B05	01 Sep 93	2327	26°59.98'	91°30.00'	T-7	14-138*	28 Aug 93	1021	29°15.00'	87°30.00'	T-20
08-079*	01 Sep 93	2015	27°22.71'	91°29.98'	T-20	14-140	28 Aug 93	0928	29°19.85'	87°29.00'	T-7
08-081	01 Sep 93	1755	27°32.93'	91°30.28'	T-20	14-141	28 Aug 93	0912	29°21.98'	87°29.99'	T-7
08-082	01 Sep 93	1633	27°45.53'	91°30.00'	T-7	14-142	28 Aug 93		29°24.94'	87°30.01'	T-10
						14-Ex1	28 Aug 93		29°17.07'	87°29.53'	T-7

* denotes a malfunctioned probe.

XBT Data

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)
0.00	29.28
10.00	29.43
20.00	29.28
30.00	27.87
40.00	25.32
50.00	23.78
60.00	22.52
70.00	21.14
80.00	20.26
90.00	18.83
100.00	18.50
110.00	18.11
120.00	17.73
130.00	16.98
140.00	16.63
150.00	16.17
160.00	15.71
170.00	15.30
180.00	14.89
190.00	14.41
200.00	14.09
210.00	13.70
220.00	13.30
230.00	12.95
240.00	12.58
250.00	12.17
260.00	11.88
270.00	11.63
280.00	11.40
290.00	11.14
300.00	10.80

Depth (m)	Temp. (°C)
310.00	10.66
320.00	10.38
330.00	10.21
340.00	10.10
350.00	9.88
360.00	9.70
370.00	9.53
380.00	9.27
390.00	9.11
400.00	8.88
410.00	8.74
420.00	8.65
430.00	8.48
440.00	8.37
450.00	8.17
460.00	8.09
470.00	8.02
480.00	7.90
490.00	7.72
500.00	7.62
510.00	7.54
520.00	7.48
530.00	7.38
540.00	7.26
550.00	7.20
560.00	7.05
570.00	6.97
580.00	6.89
590.00	6.79
600.00	6.72

Depth (m)	Temp. (°C)
610.00	6.62
620.00	6.52
630.00	6.42
640.00	6.34
650.00	6.29
660.00	6.19
670.00	6.13
680.00	6.06
690.00	5.98
700.00	5.92
710.00	5.86
720.00	5.80
730.00	5.77
740.00	5.68
750.00	5.62
760.00	5.57
770.00	5.53
780.00	5.45
790.00	5.40
800.00	5.39
810.00	5.38
820.00	5.36

Cruise: GULFCET 06 Station: 07-066 Probe Type: T-10
Latitude: 27° 53.00' N Longitude: 92° 10.03' W 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 Station: 07-067 Probe Type: T-7
Latitude: 27° 51.99' N Longitude: 92° 10.03' W 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)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.87	310.00	11.35	610.00	6.58
10.00	29.86	320.00	11.03	620.00	6.49
20.00	29.85	330.00	10.77	630.00	6.41
30.00	29.76	340.00	10.63	640.00	6.38
40.00	28.52	350.00	10.48	650.00	6.35
50.00	25.56	360.00	10.25	660.00	6.25
60.00	24.04	370.00	9.93	670.00	6.18
70.00	22.79	380.00	9.67	680.00	6.10
80.00	21.77	390.00	9.46	690.00	6.01
90.00	20.50	400.00	9.24	700.00	5.92
100.00	19.67	410.00	9.04	710.00	5.88
110.00	19.12	420.00	8.87	720.00	5.85
120.00	18.49	430.00	8.68	730.00	5.81
130.00	17.67	440.00	8.56	740.00	5.75
140.00	16.81	450.00	8.51	750.00	5.67
150.00	16.43	460.00	8.22	760.00	5.63
160.00	16.02	470.00	8.07	770.00	5.59
170.00	15.70	480.00	7.90	780.00	5.53
180.00	15.36	490.00	7.82	790.00	5.47
190.00	14.90	500.00	7.72	800.00	5.42
200.00	14.52	510.00	7.61	810.00	5.38
210.00	14.21	520.00	7.48	820.00	5.34
220.00	13.94	530.00	7.35		
230.00	13.62	540.00	7.21		
240.00	13.24	550.00	7.14		
250.00	13.00	560.00	7.08		
260.00	12.72	570.00	6.96		
270.00	12.48	580.00	6.85		
280.00	12.20	590.00	6.75		
290.00	11.85	600.00	6.69		
300.00	11.64				

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)	Depth (m)	Temp. (°C)
0.00	29.66	310.00	9.75
10.00	30.05	320.00	9.61
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		

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)
0.00	29.87
10.00	29.69
20.00	29.45
30.00	28.98
40.00	28.55
50.00	27.78
60.00	27.18
70.00	26.65
80.00	26.29
90.00	25.95
100.00	25.38
110.00	24.17
120.00	23.52
130.00	22.86
140.00	22.23
150.00	21.52
160.00	20.36
170.00	19.52
180.00	18.67
190.00	18.39
200.00	18.09
210.00	17.16
220.00	16.64
230.00	16.32
240.00	15.92
250.00	15.63
260.00	15.27
270.00	14.92
280.00	14.63
290.00	14.38
300.00	14.18

Depth (m)	Temp. (°C)
310.00	13.98
320.00	13.64
330.00	13.43
340.00	13.03
350.00	12.71
360.00	12.63
370.00	12.39
380.00	12.09
390.00	11.77
400.00	11.62
410.00	11.36
420.00	11.07
430.00	10.87
440.00	10.64
450.00	10.45
460.00	10.38
470.00	10.17
480.00	9.94
490.00	9.86
500.00	9.64
510.00	9.47
520.00	9.28
530.00	9.01
540.00	8.85
550.00	8.67
560.00	8.49
570.00	8.33
580.00	8.13
590.00	8.00
600.00	7.89

Depth (m)	Temp. (°C)
610.00	7.79
620.00	7.59
630.00	7.46
640.00	7.30
650.00	7.18
660.00	7.03
670.00	6.91
680.00	6.82
690.00	6.71
700.00	6.67
710.00	6.57
720.00	6.50
730.00	6.44
740.00	6.38
750.00	6.32
760.00	6.25
770.00	6.17
780.00	6.13
790.00	6.05
800.00	5.98
810.00	5.93
820.00	5.83

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				

7.3 Conductivity/Temperature/Depth (CTD) Data

Cruise 6 CTD Positions

CTD station	Date	Start time	Latitude (north)	Longitude (west)	Depth (m)	CTD station	Date	Start time	Latitude (north)	Longitude (west)	Depth (m)
04-031	05 Sep 93	1757	26°17.00'	94°09.93'	2000	09-087	01 Sep 93	0904	28°08.99'	90°50.00'	106
04-033	05 Sep 93	1323	26°45.88'	94°10.24'	1350	09-093	01 Sep 93	0142	27°25.90'	90°50.05'	832
04-036	05 Sep 93	0716	27°25.75'	94°09.91'	826	09-096	31 Aug 93	1849	26°44.98'	90°50.02'	2000
04-042	05 Sep 93	0314	27°53.96'	94°09.97'	96	10-097	31 Aug 93	1341	27°09.97'	90°10.02'	2000
05-043	04 Sep 93	2319	28°00.02'	93°30.07'	91	10-100	31 Aug 93	0758	27°46.06'	90°10.00'	721
05-047	04 Sep 93	1823	27°25.96'	93°30.01'	565	10-105	31 Aug 93	0318	28°15.99'	90°10.00'	90
05-050	04 Sep 93	1125	26°46.00'	93°29.99'	1470	11-106	30 Aug 93	2200	28°44.96'	89°29.95'	95
05-053	04 Sep 93	0514	26°10.01'	93°29.98'	2000	11-112	30 Aug 93	1526	28°06.13'	89°29.97'	1075
06-054	04 Sep 93	0029	26°14.04'	92°49.96'	2000	11-115	30 Aug 93	0830	27°27.80'	89°29.93'	2000
06-055	03 Sep 93	1907	26°45.98'	92°49.94'	1745	12-116	30 Aug 93	0347	27°26.02'	88°49.97'	2000
06-059	03 Sep 93	1246	27°25.83'	92°50.08'	1035	12-117	30 Aug 93	0003	27°45.73'	88°49.25'	1575
06-064	03 Sep 93	0655	28°01.97'	92°50.00'	96	12-119	29 Aug 93	1713	28°25.90'	88°49.93'	1300
07-065	03 Sep 93	0251	28°02.11'	92°10.01'	101	12-125	29 Aug 93	1042	29°06.32'	88°49.97'	91
07-071	02 Sep 93	2109	27°25.93'	92°10.03'	814	13-126	29 Aug 93	0610	29°16.51'	88°09.91'	97
07-073	02 Sep 93	1340	26°45.97'	92°09.96'	1800	13-133	29 Aug 93	0053	28°46.09'	88°10.00'	1850
07-075	02 Sep 93	0820	26°16.96'	92°09.97'	2000	13-134	28 Aug 93	2238	28°36.96'	88°10.05'	2000
08-076	02 Sep 93	0242	26°36.96'	91°29.89'	2000	14-135	28 Aug 93	1830	28°30.93'	87°31.13'	2000
08-080	01 Sep 93	1901	27°25.98'	91°29.99'	950	14-136	28 Aug 93	1457	28°45.88'	87°29.98'	1600
08-086	01 Sep 93	1320	28°07.52'	91°30.08'	100	14-143	28 Aug 93	0826	29°24.99'	87°30.00'	90

CTD Data

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	35.525	22.372	546.02	1544.77	4.346		10.07
20	28.899	28.894	35.761	22.671	517.75	1544.41	4.517		20.14
30	28.364	28.356	36.426	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
Date: 1-Sep-93 **Time:** 0142 **Lat:** 27 25.90 **Long:** 90 50.05
Depth: 832 m **Wind Dir:** 342 ° **Wind Speed:** 5.4 m/s **Wave Dir**
Barometer: 29.81 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	29.994	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
Date: 31-Aug-93 **Time:** 1849 **Lat:** 26 44.98 **Long:** 90 50.02
Depth: 2000 m **Wind Dir:** 348.1 ° **Wind Speed:** 3.8 m/s **Wave Dir** 40 °
Barometer: 29.80 in. **Air Temp Dry:** 28 °C **Air Temp Wet:** 25.2 °C **Secchi Depth:** 35 m

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

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

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

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

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

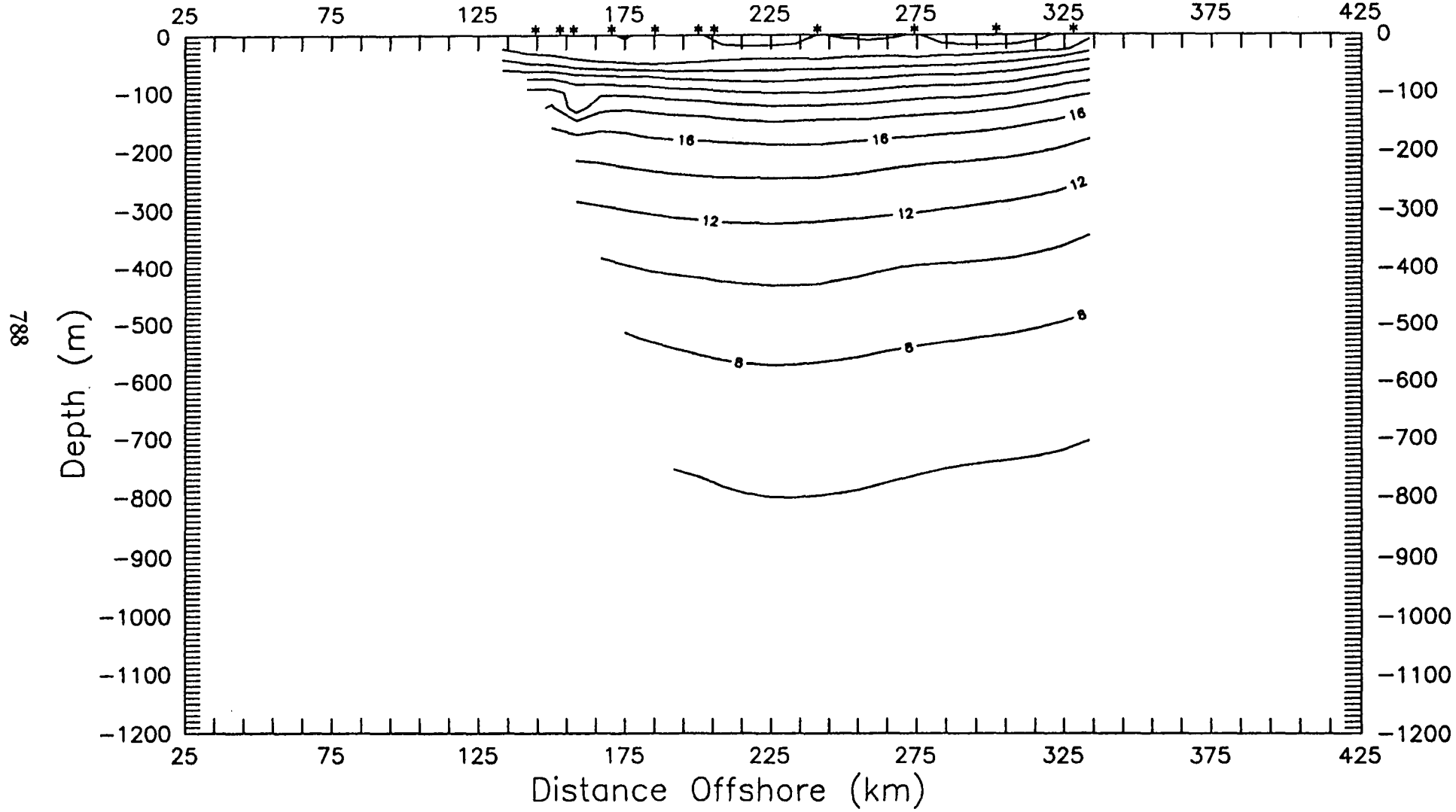
Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	29.470	29.467	31.088	18.977	871.86	1540.57	4.947	.672	10.07
20	28.619	28.614	34.477	21.800	601.09	1542.46	4.258	.473	20.14
30	24.411	24.404	35.485	23.888	401.95	1533.99	4.518	.374	30.20
50	21.403	21.393	36.346	25.409	257.74	1527.60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

7.4 Analyzed Temperature Data

Vertical Temperature Profiles

Temperature (°C)

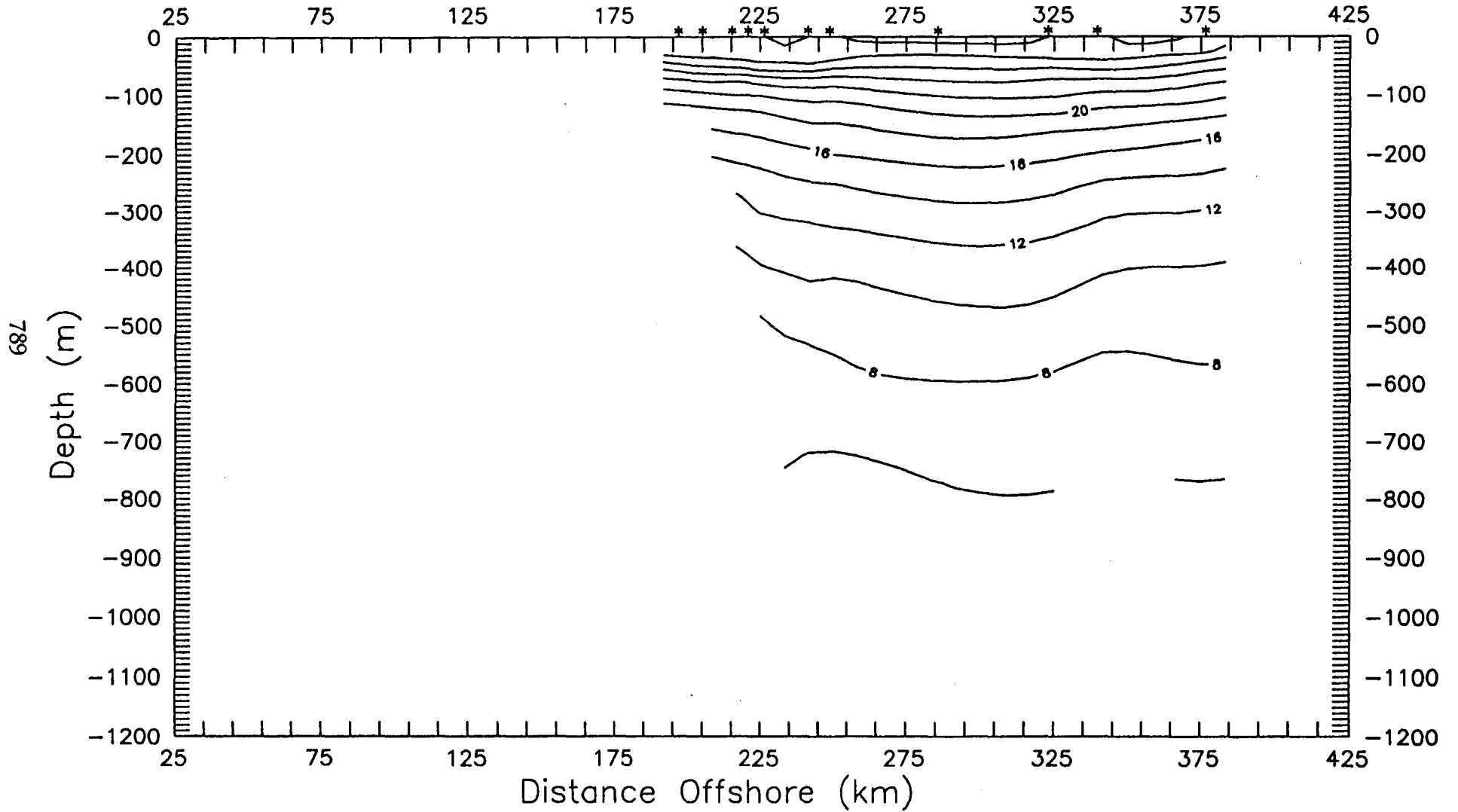
GulfCet 06: Line 03



887

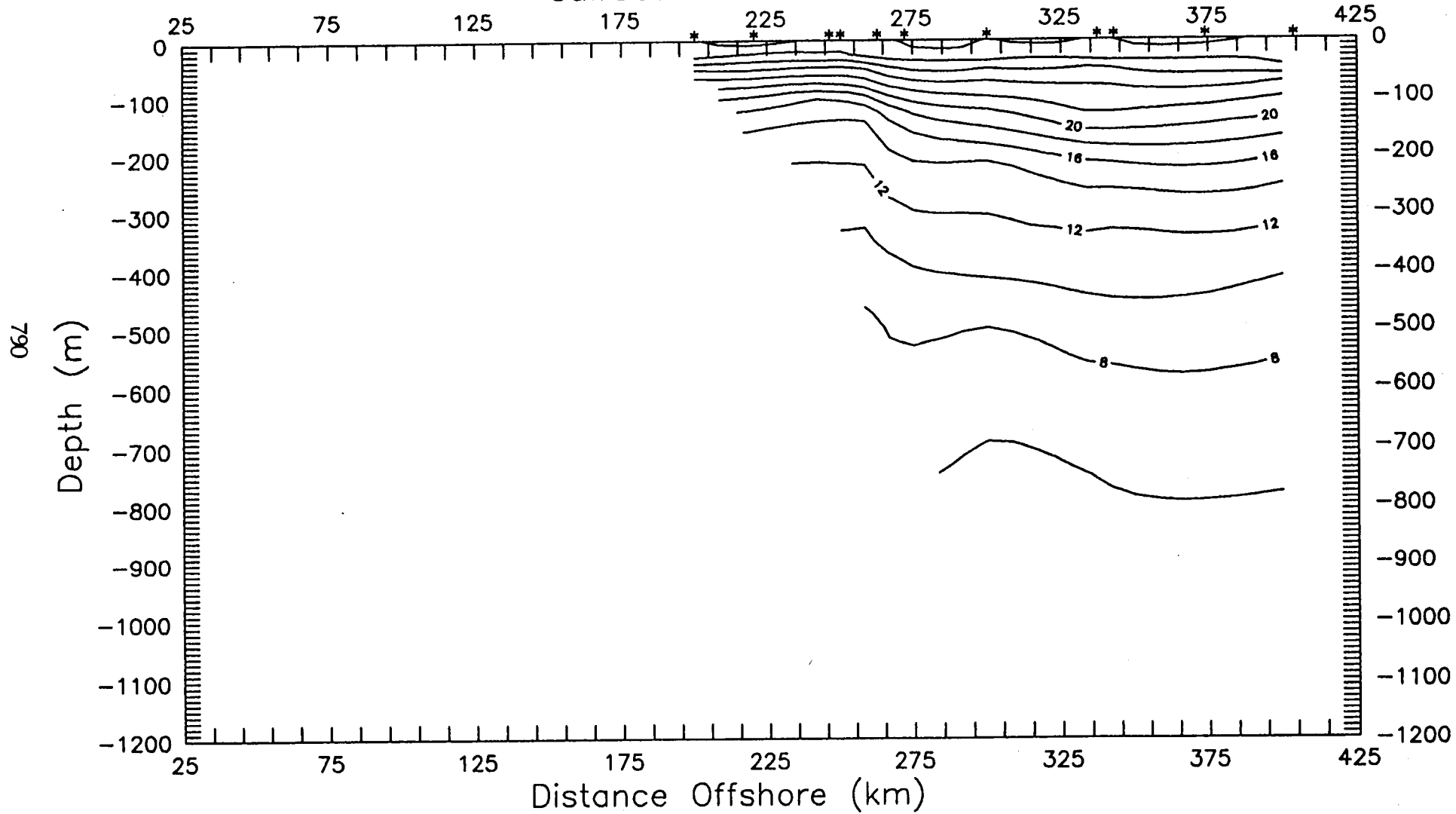
Temperature (°C)

GulfCet 06: Line 04



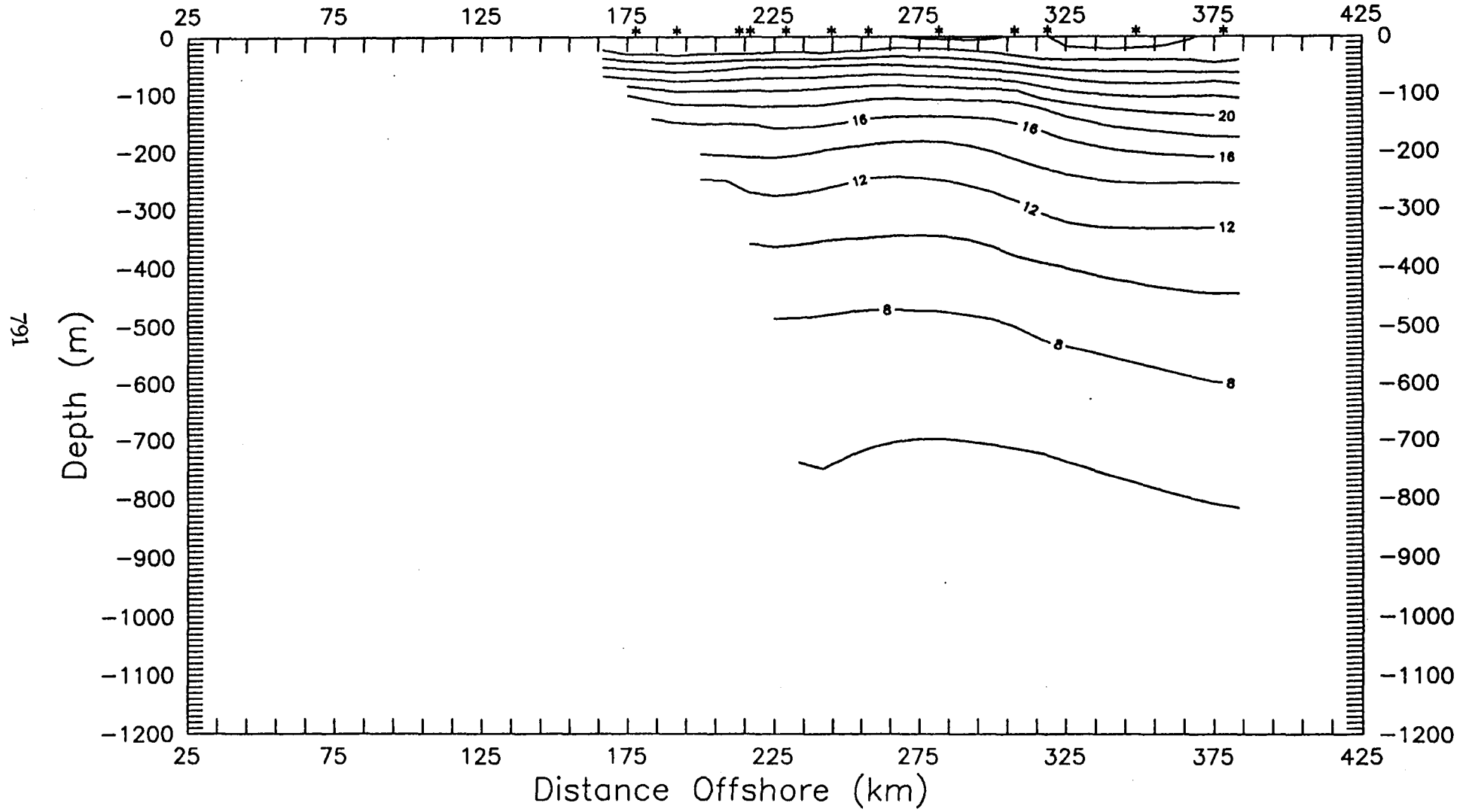
Temperature (°C)

GulfCet 06: Line 05



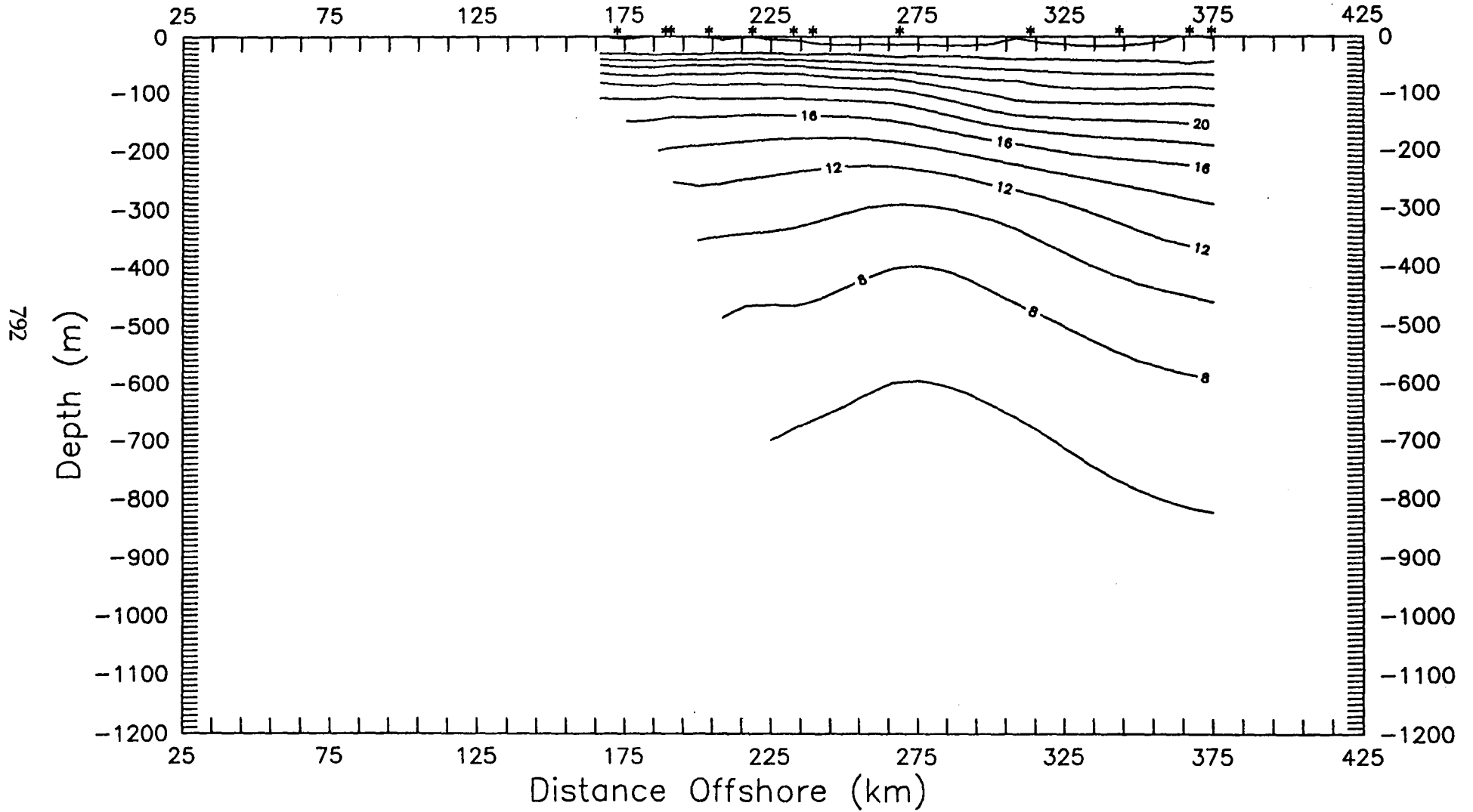
Temperature (°C)

GulfCet 06: Line 06



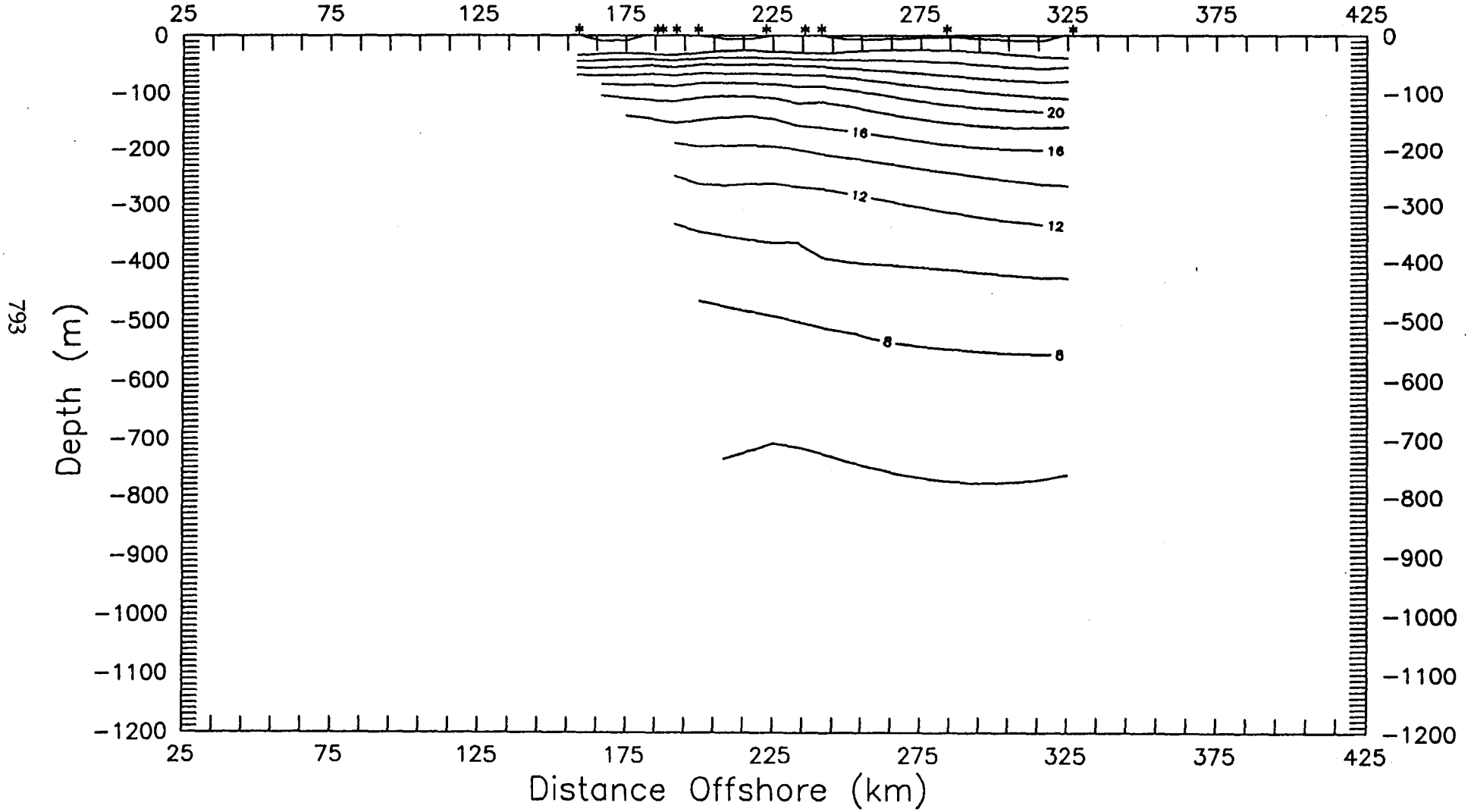
Temperature (°C)

GulfCet 06: Line 07



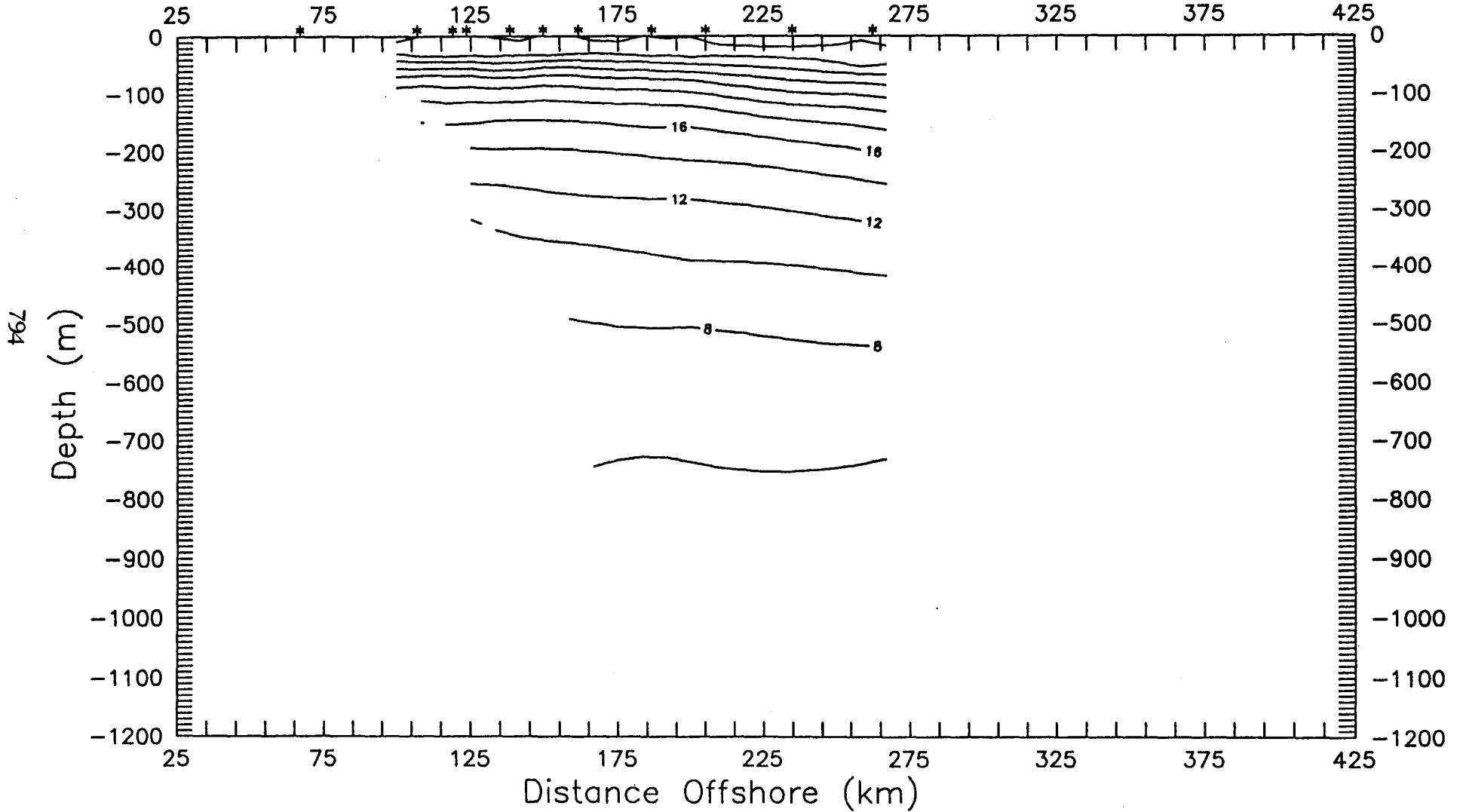
Temperature (°C)

GulfCet 06: Line 08



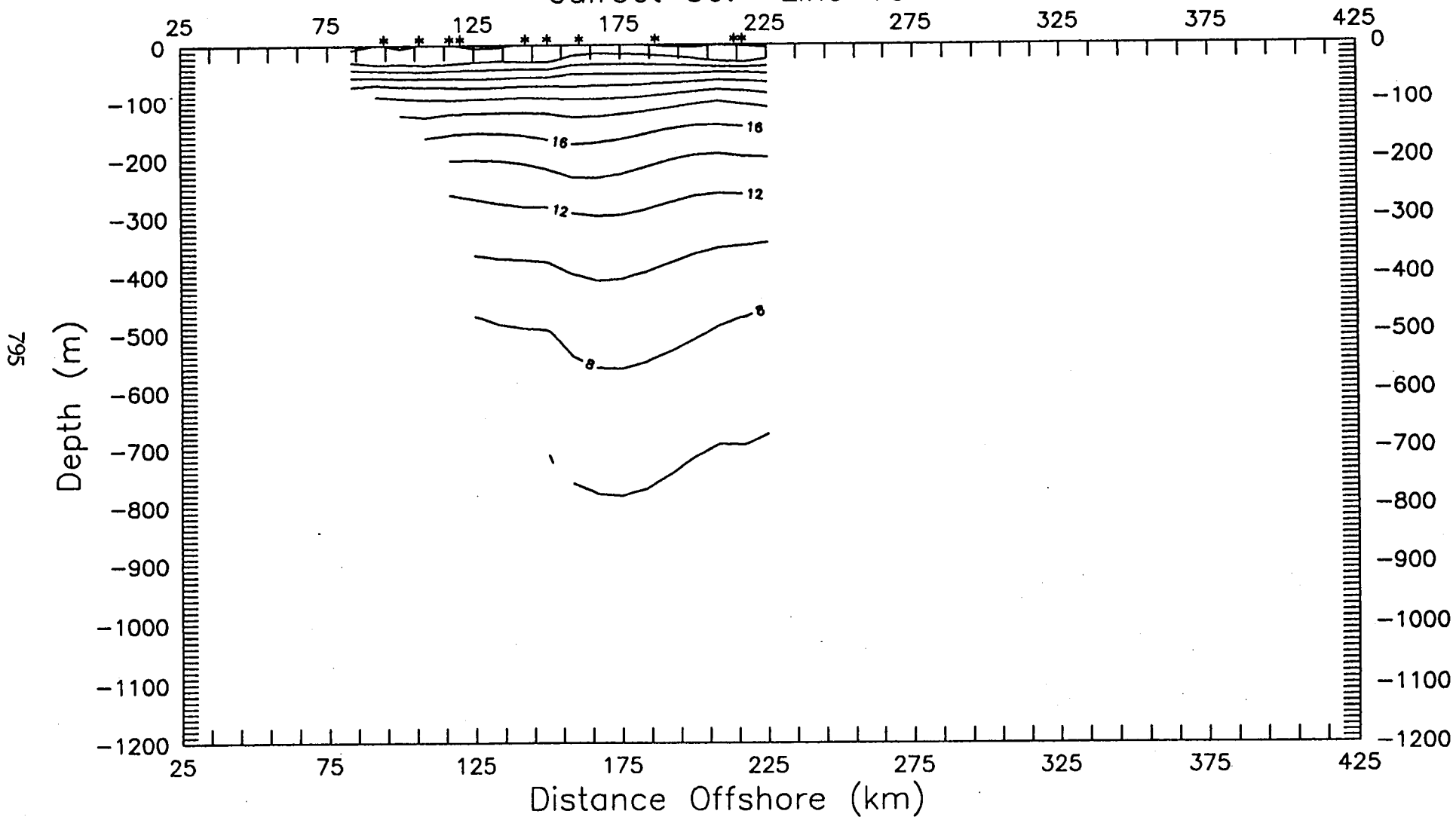
Temperature (°C)

GulfCet 06: Line 09



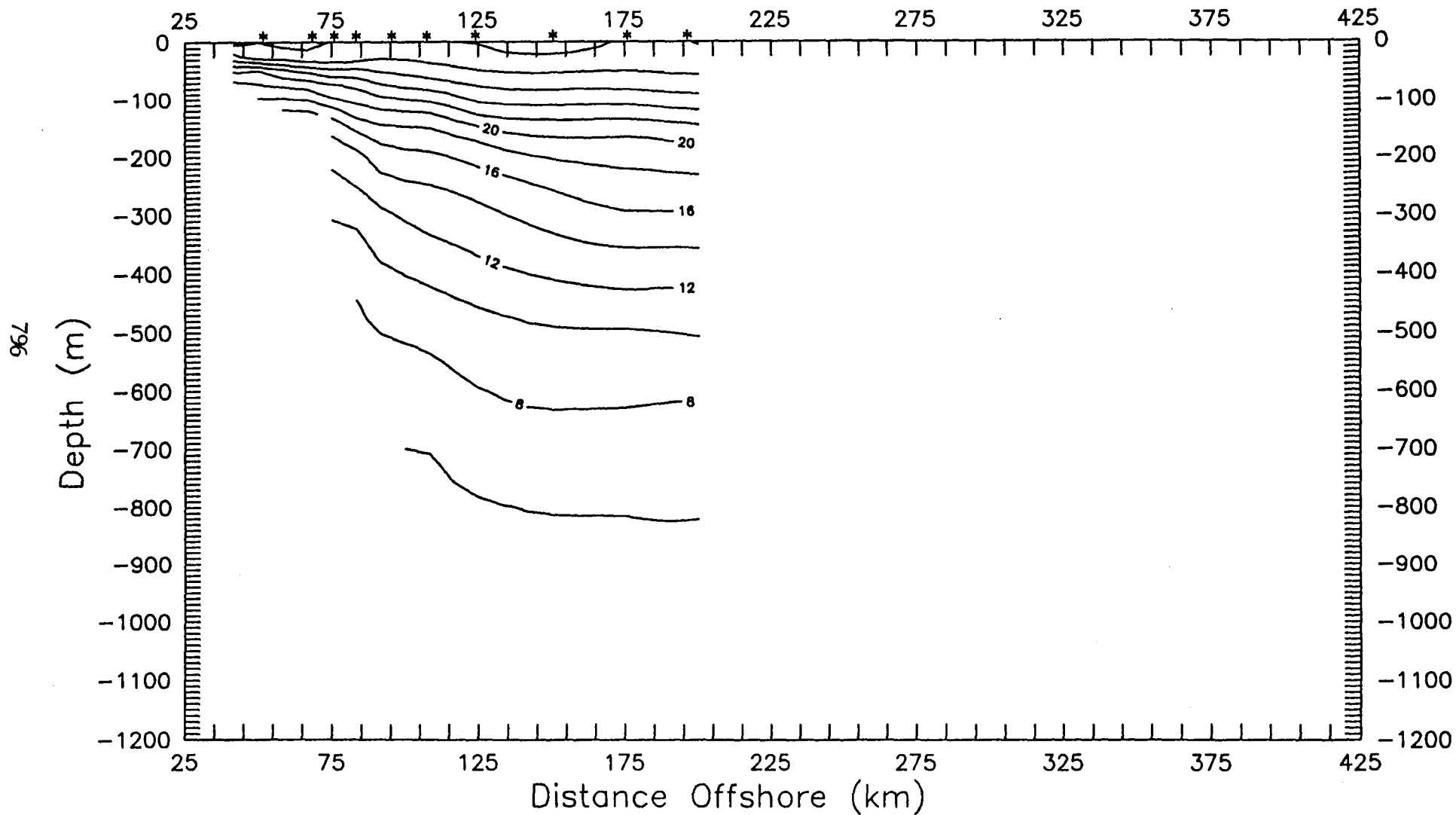
Temperature (°C)

GulfCet 06: Line 10



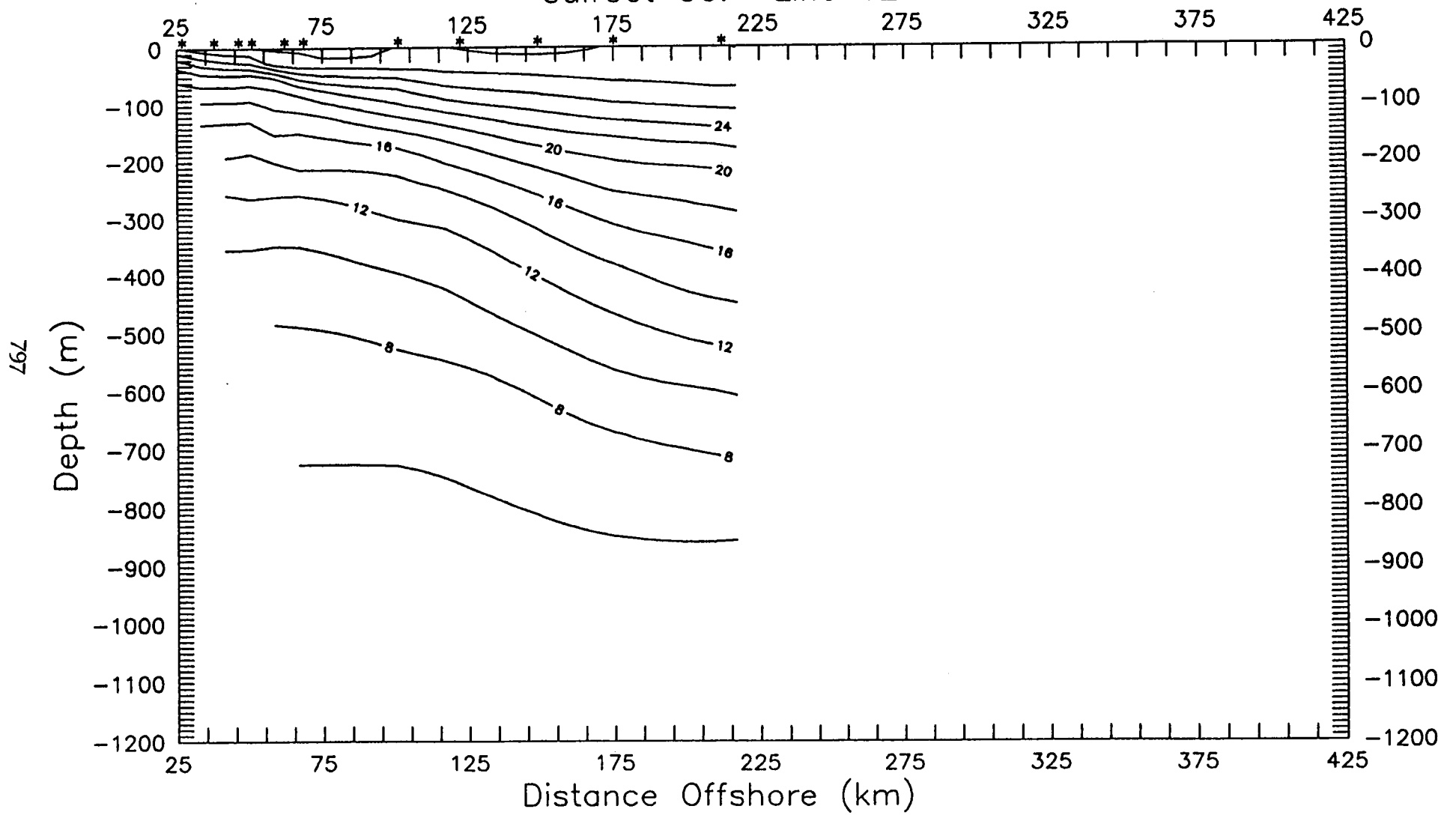
Temperature (°C)

GulfCet 06: Line 11



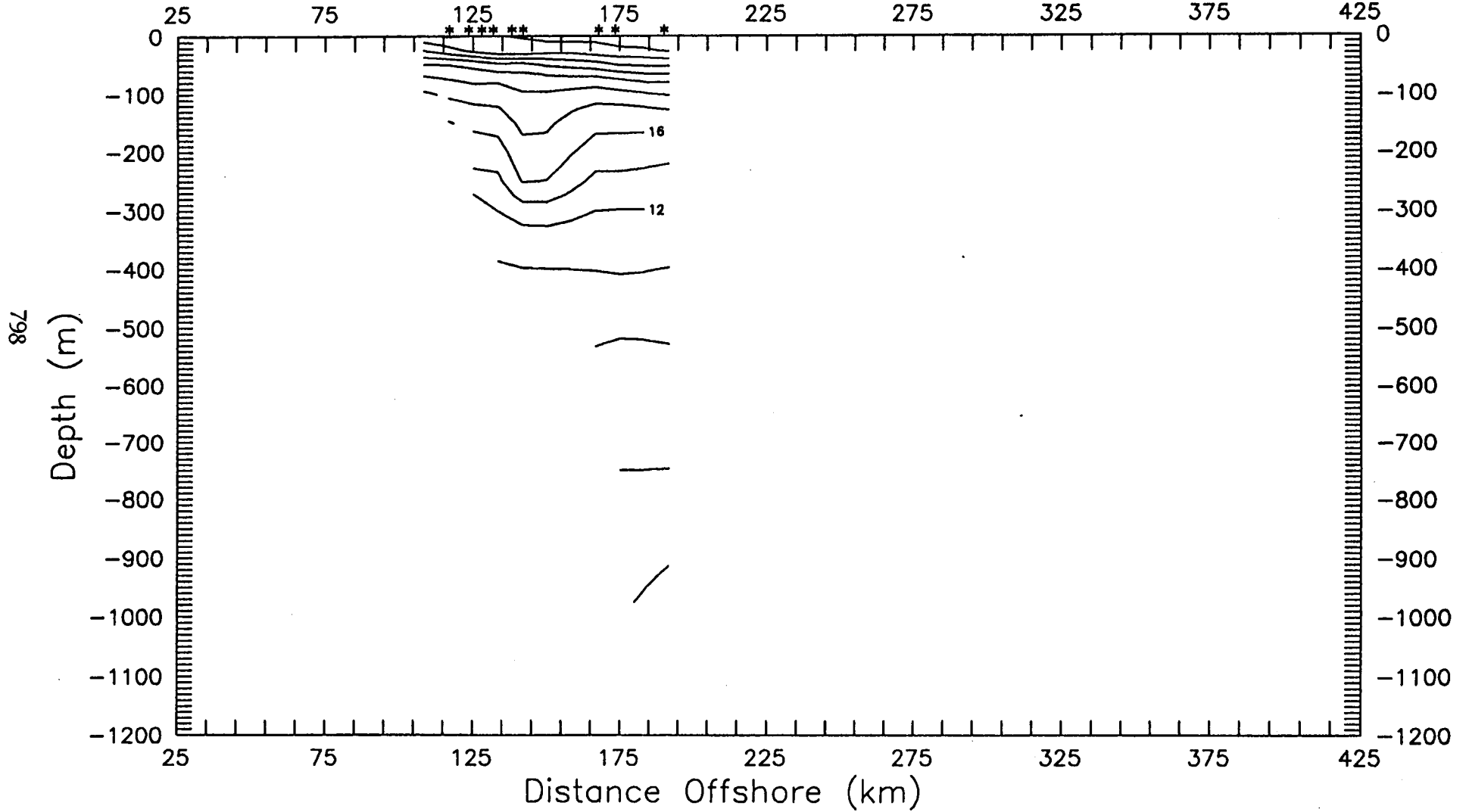
Temperature (°C)

GulfCet 06: Line 12



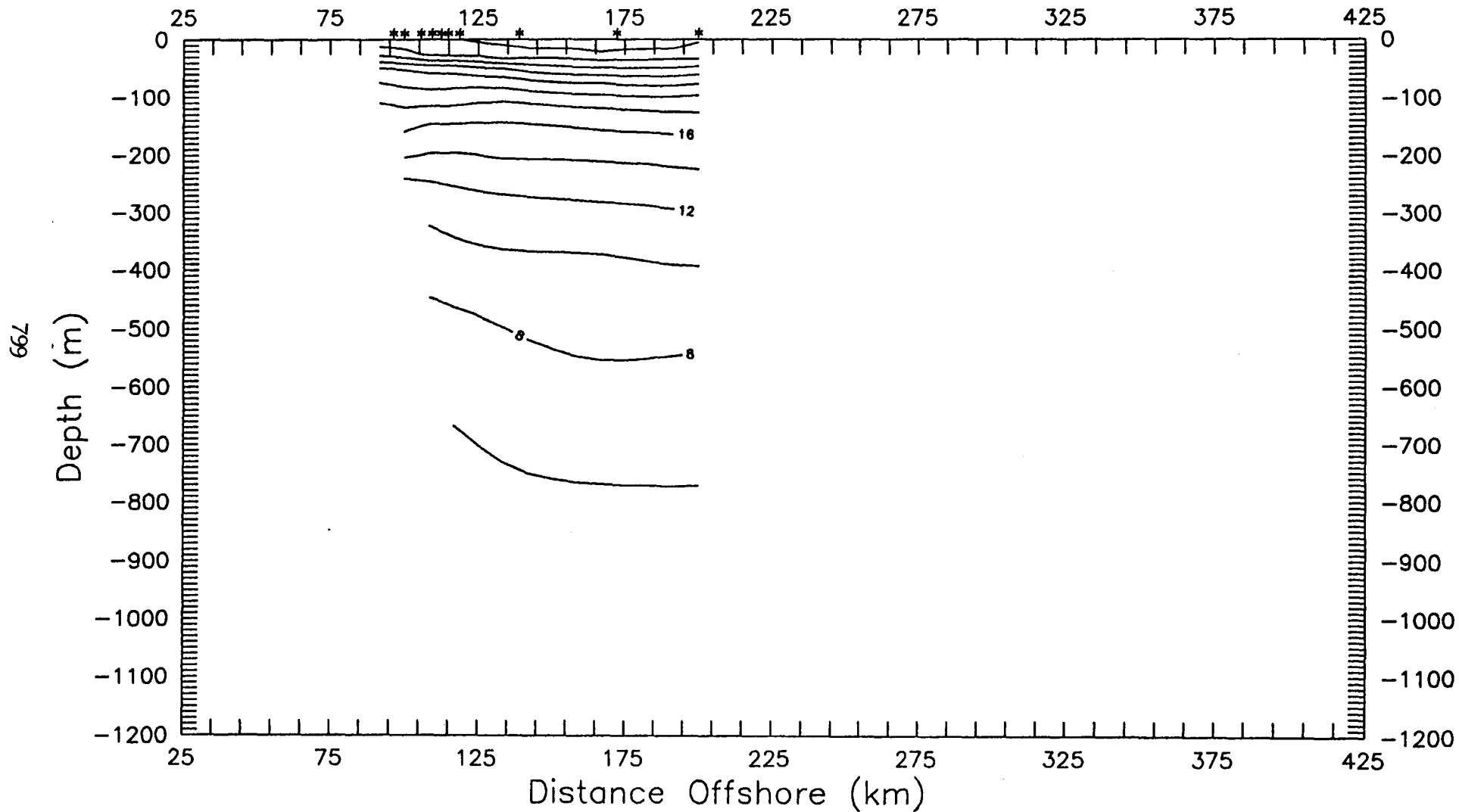
Temperature (°C)

GulfCet 06: Line 13



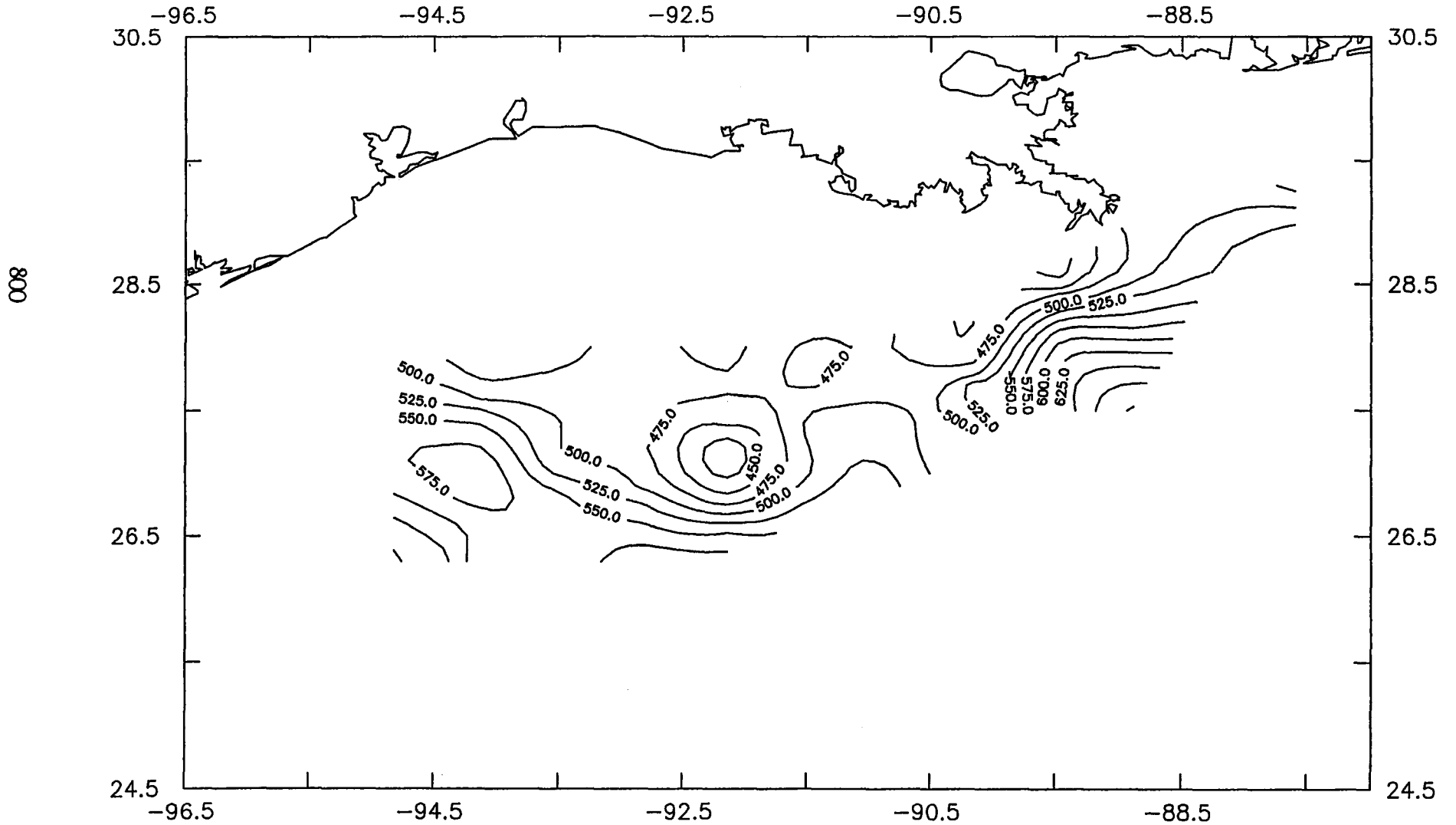
Temperature (°C)

GulfCet 06: Line 14



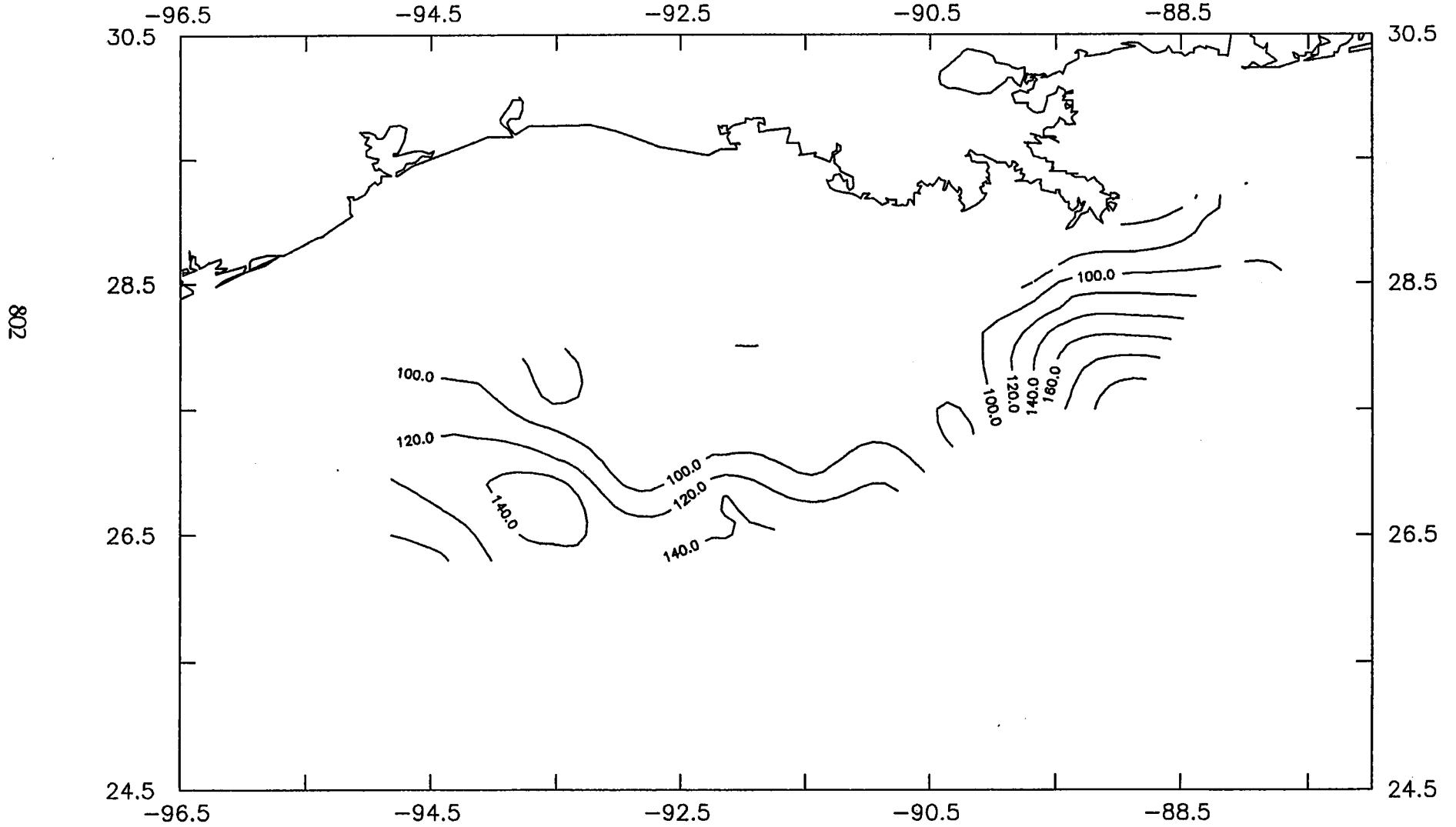
Depth of 8 °C Isotherm (m)

GulfCet 06



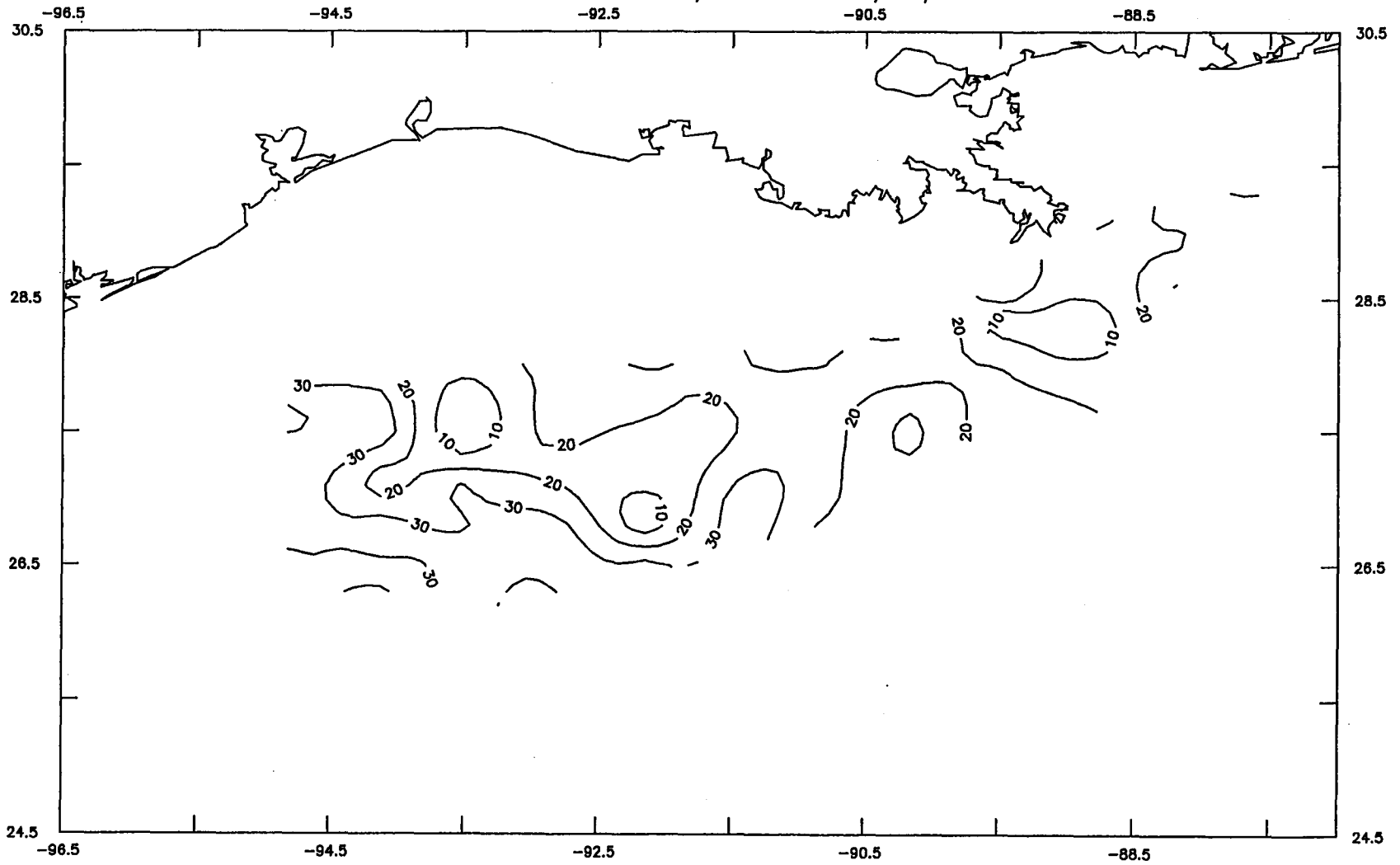
Depth of 20 °C Isotherm (m)

GulfCet 06



Mixed Layer Depth

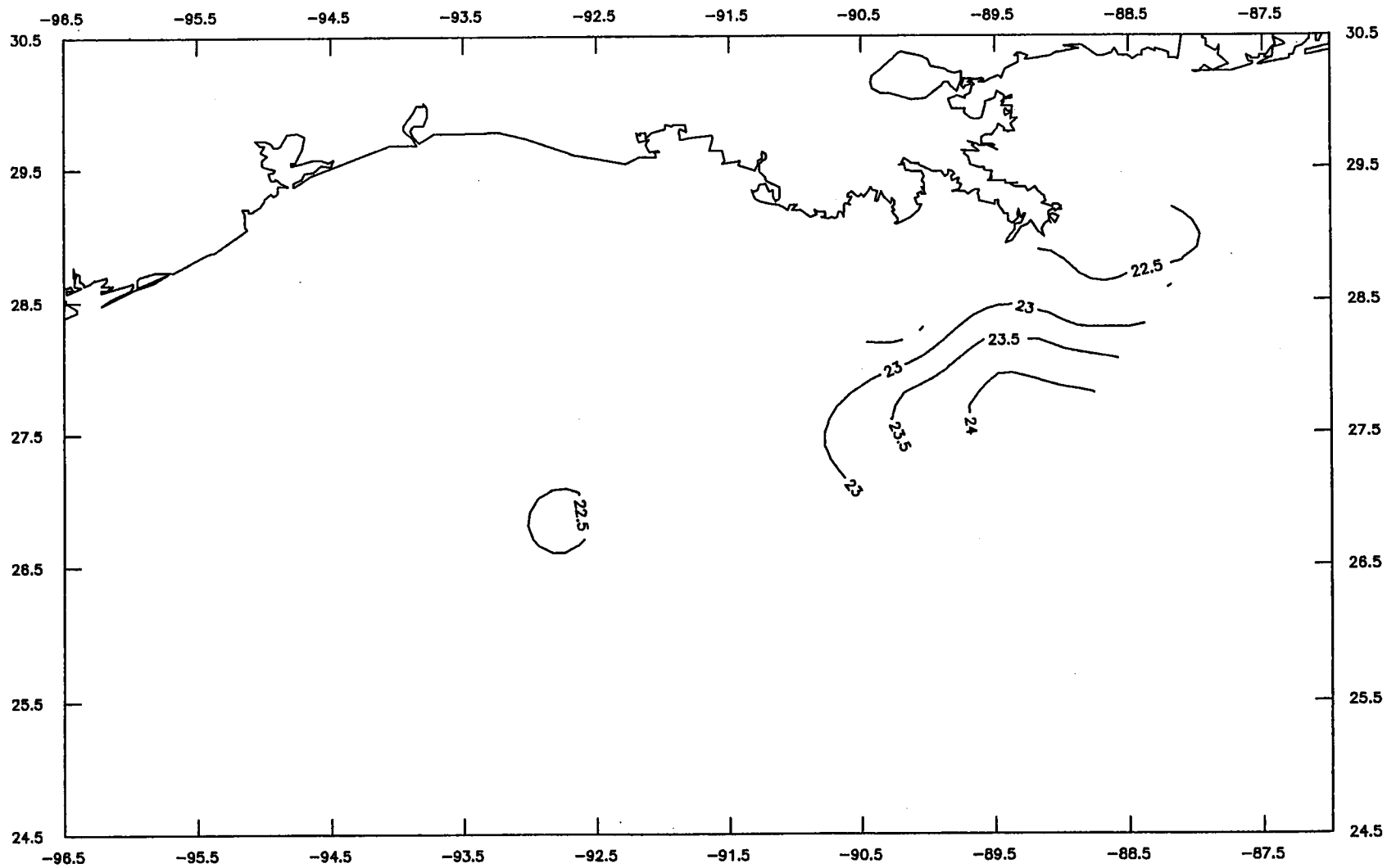
GulfCet 06 : 8/28 - 9/5/93



803

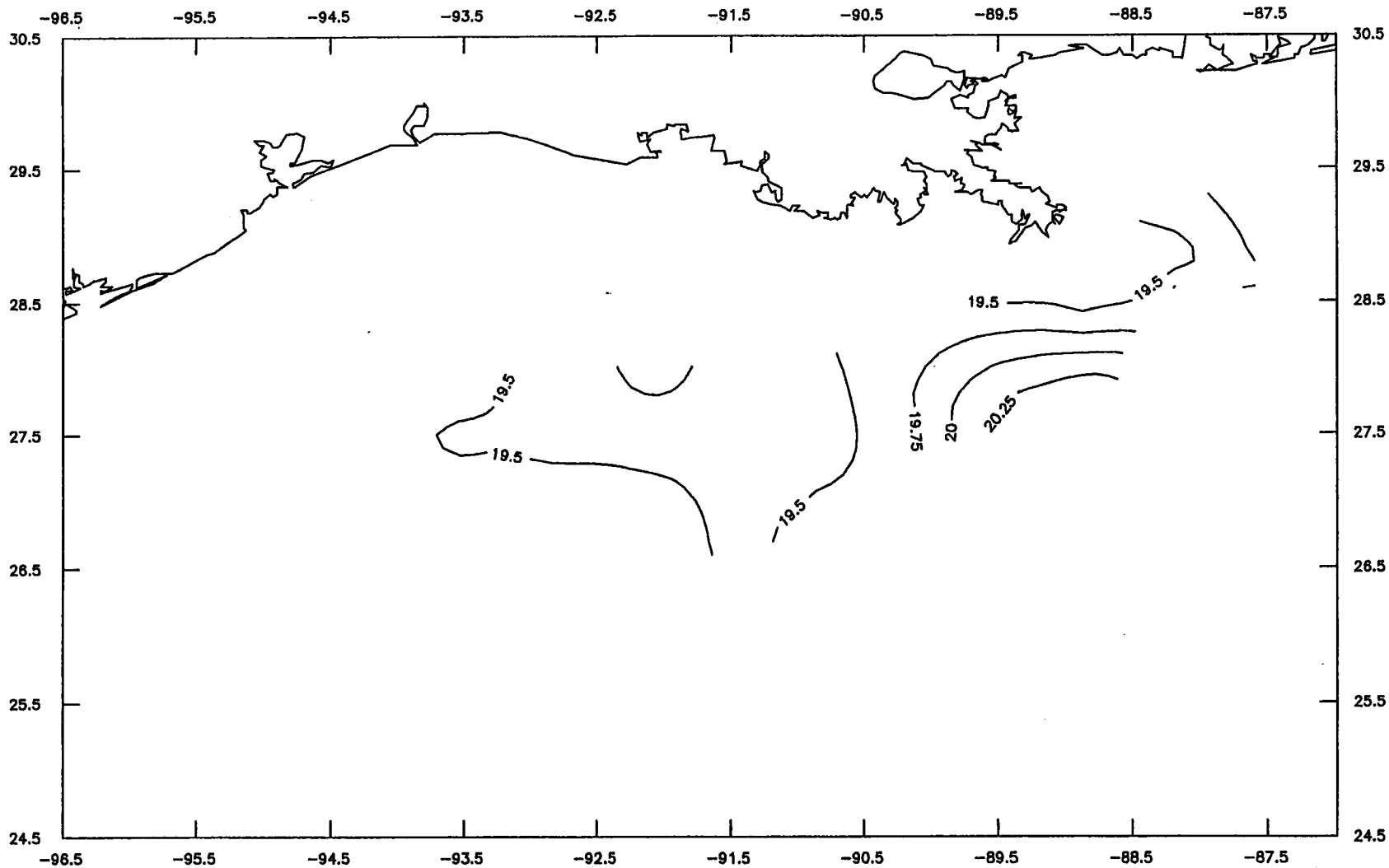
Temperature (°C) at Reference Density 25

GulfCet 06



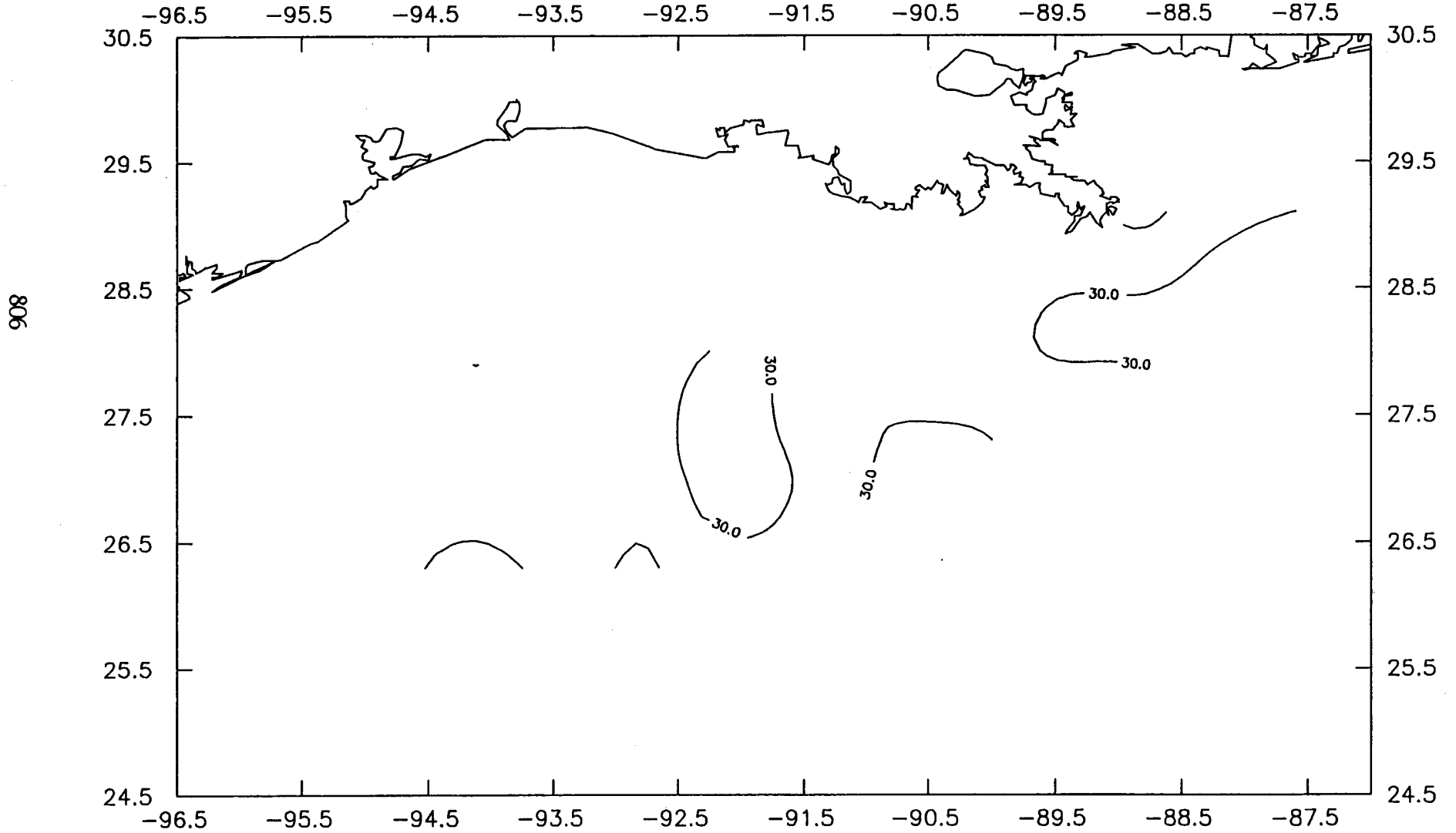
Temperature (°C) at Reference Density 26

GulfCet 06

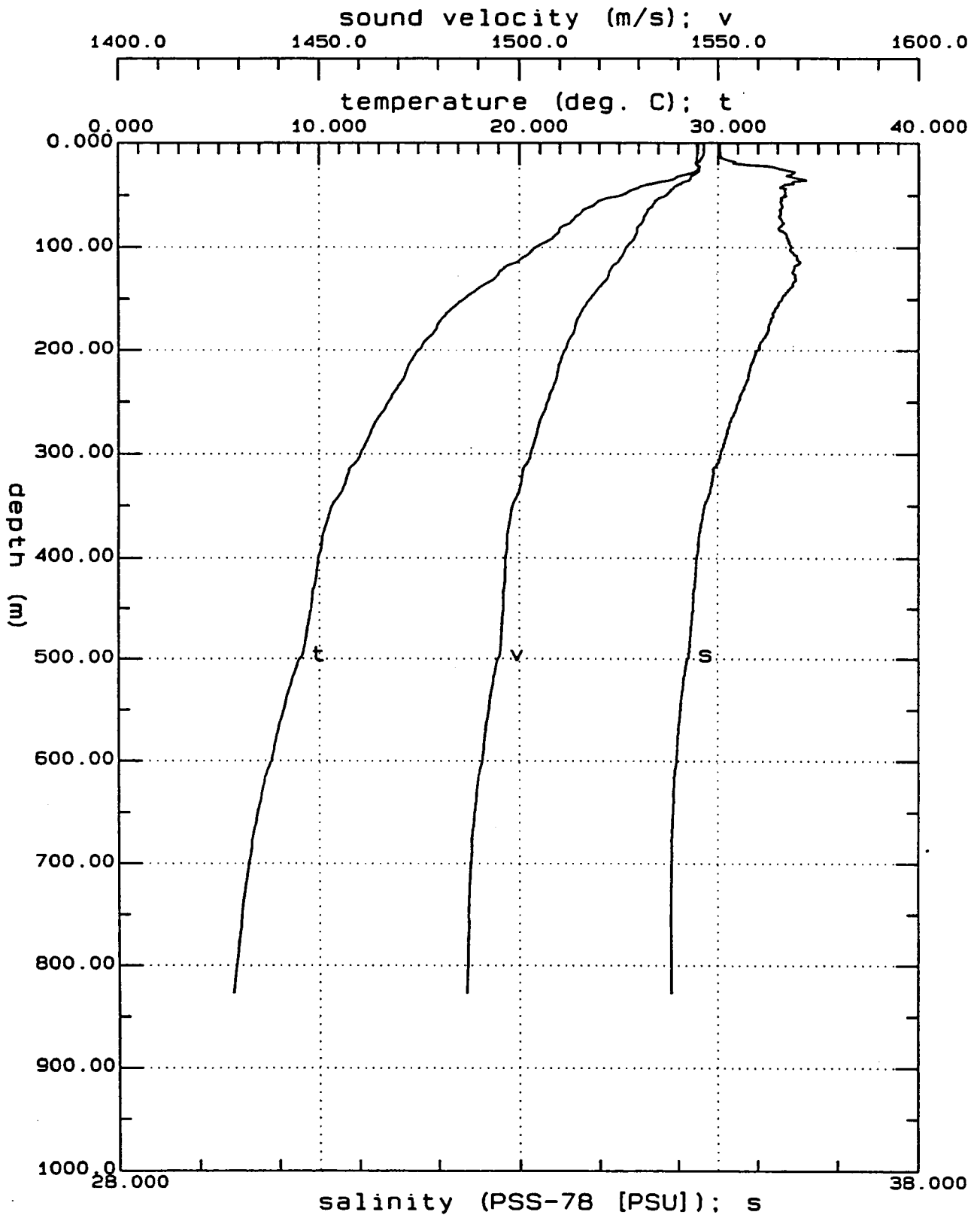


Surface Temperature (°C)

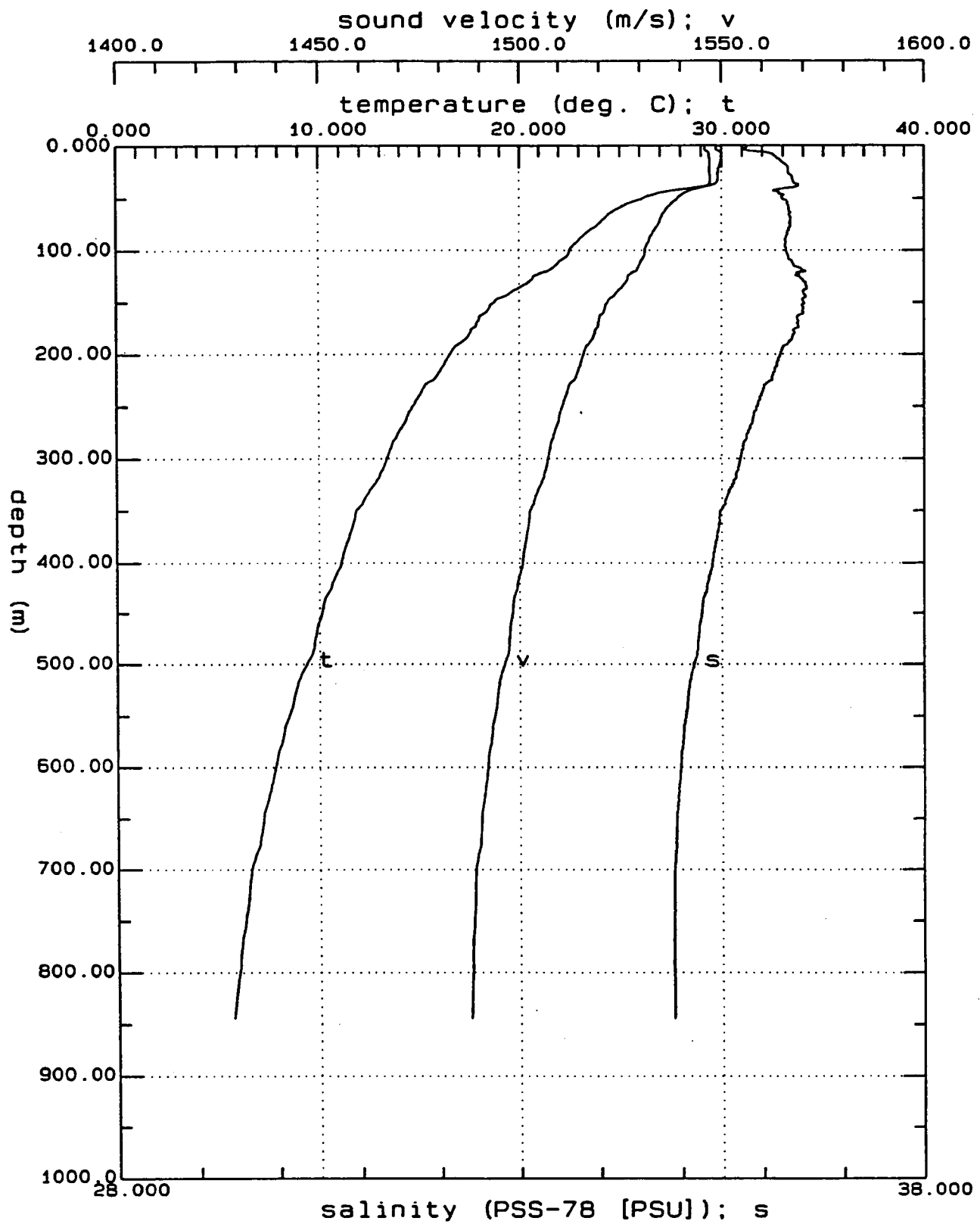
GulfCet 06



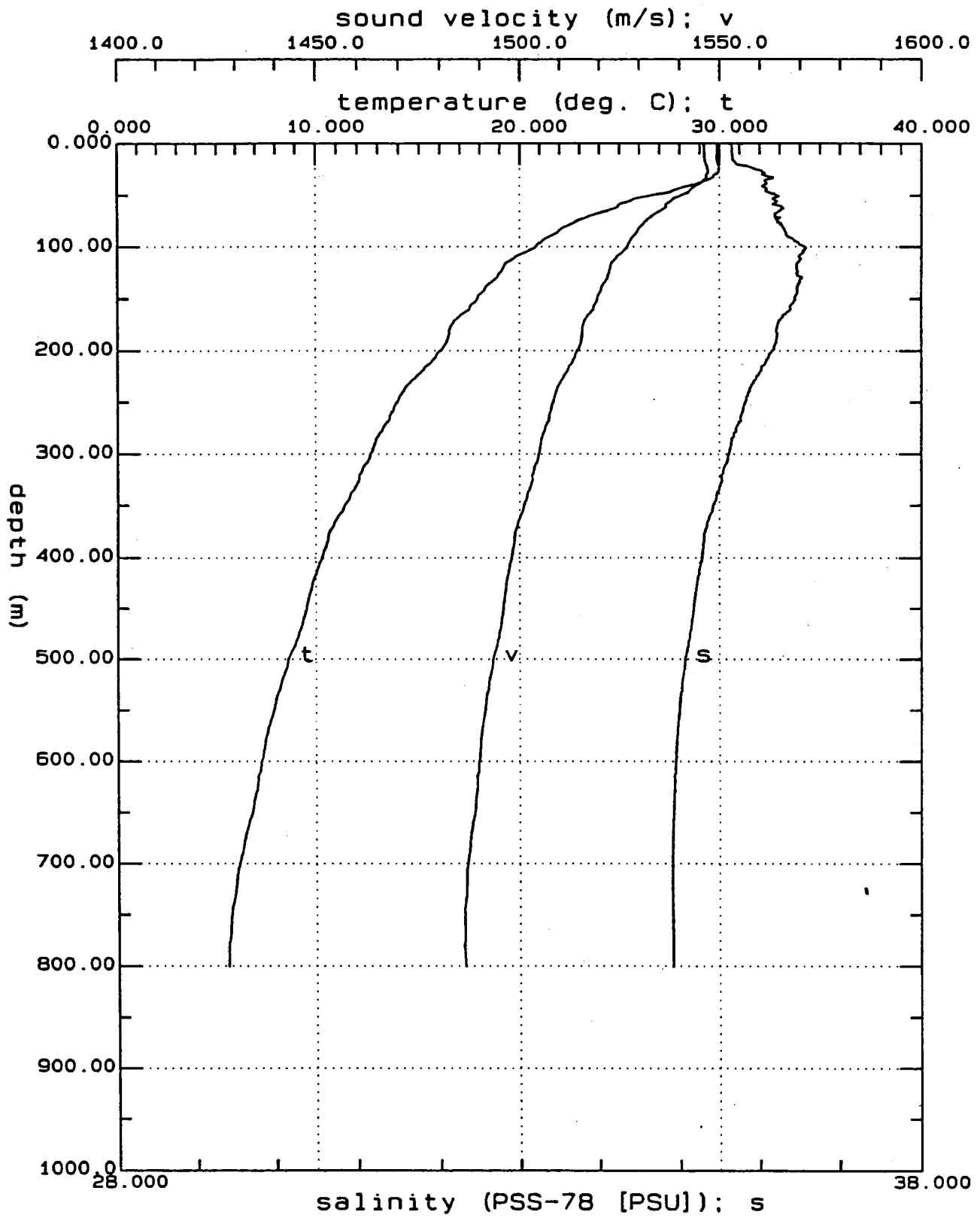
7.5 Vertical Profiles



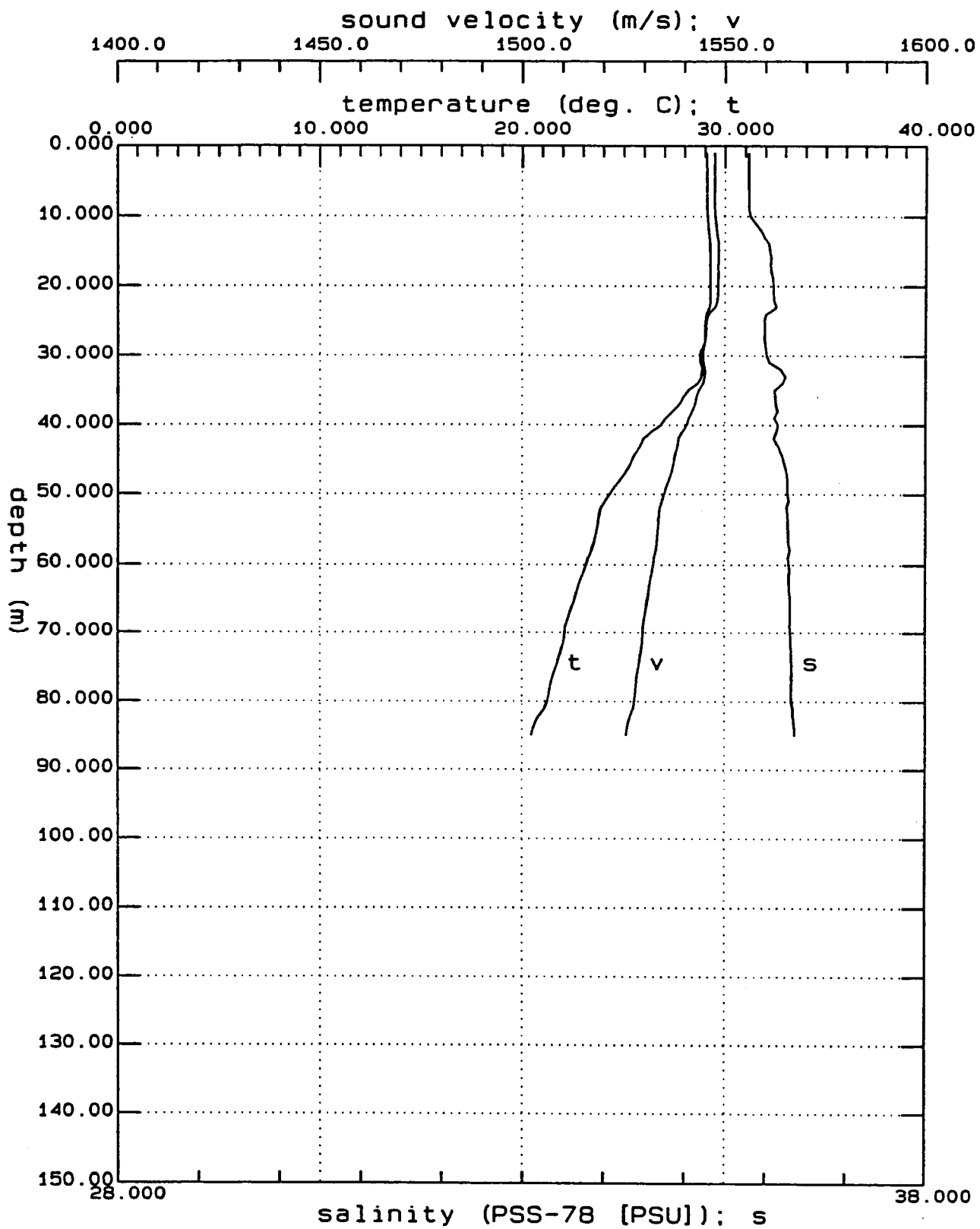
04-031.CNV: Gulfcet Cruise 06



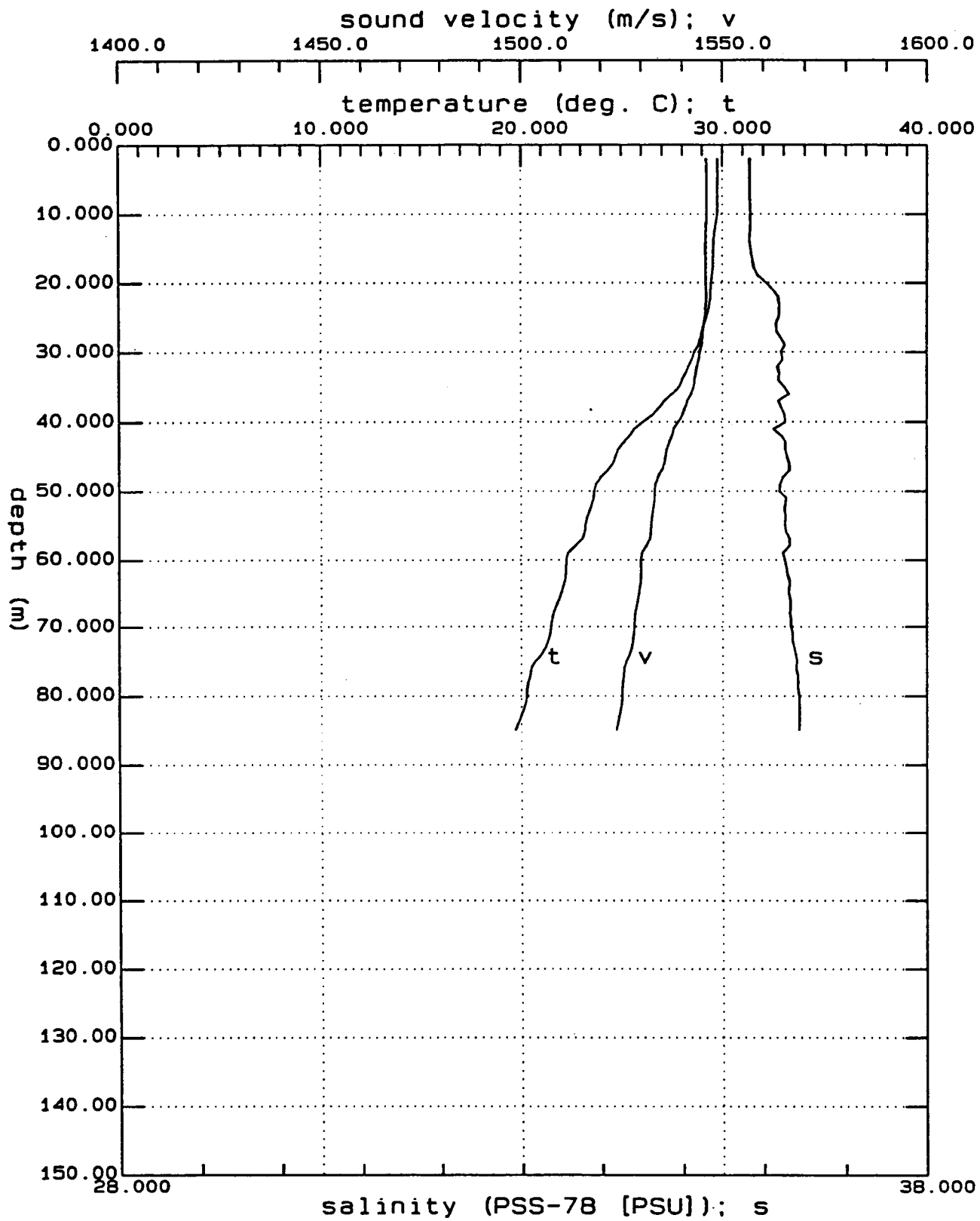
04-033.CNV: Gulfcet Cruise 06



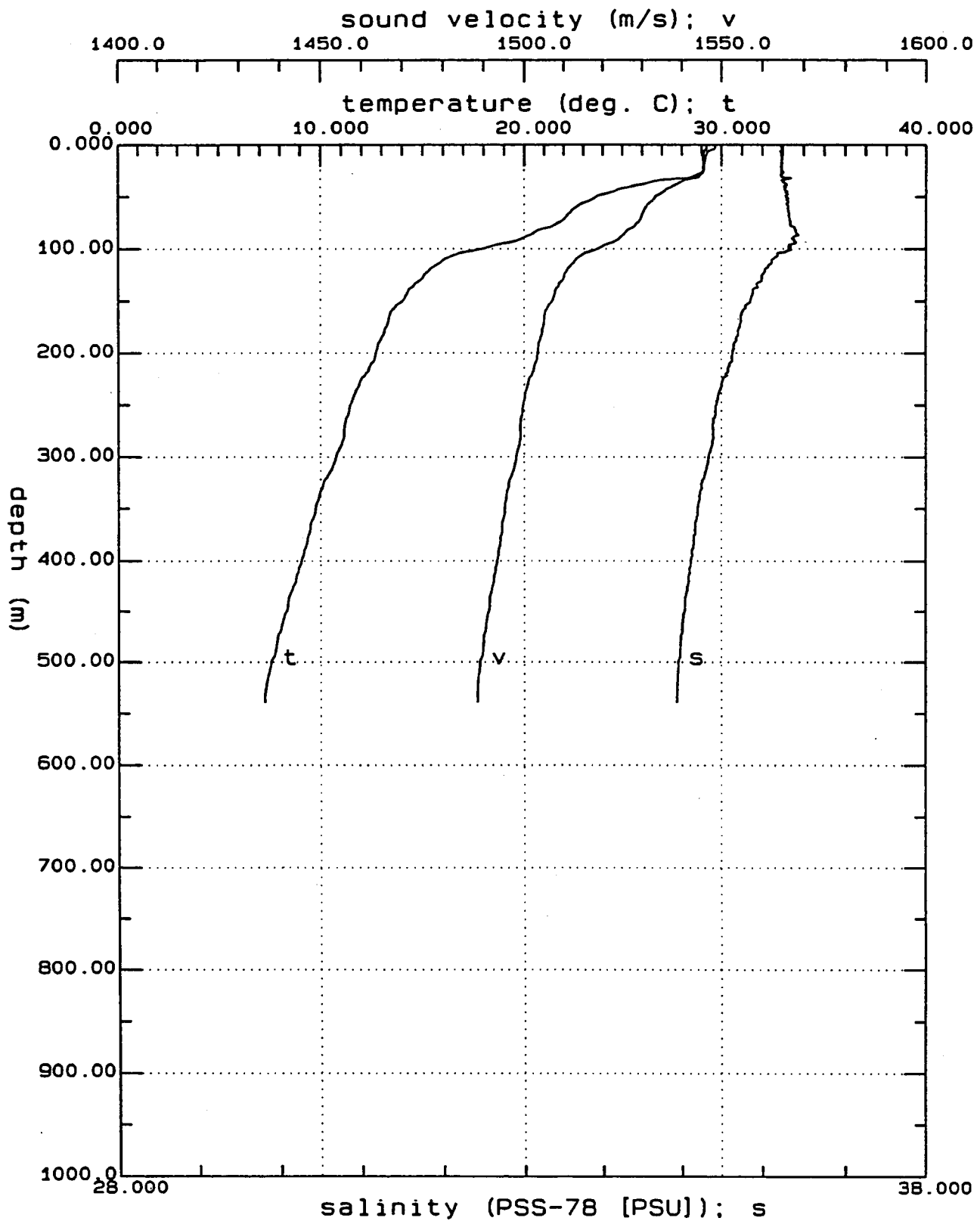
04-036.CNV: Gulfcet Cruise 06



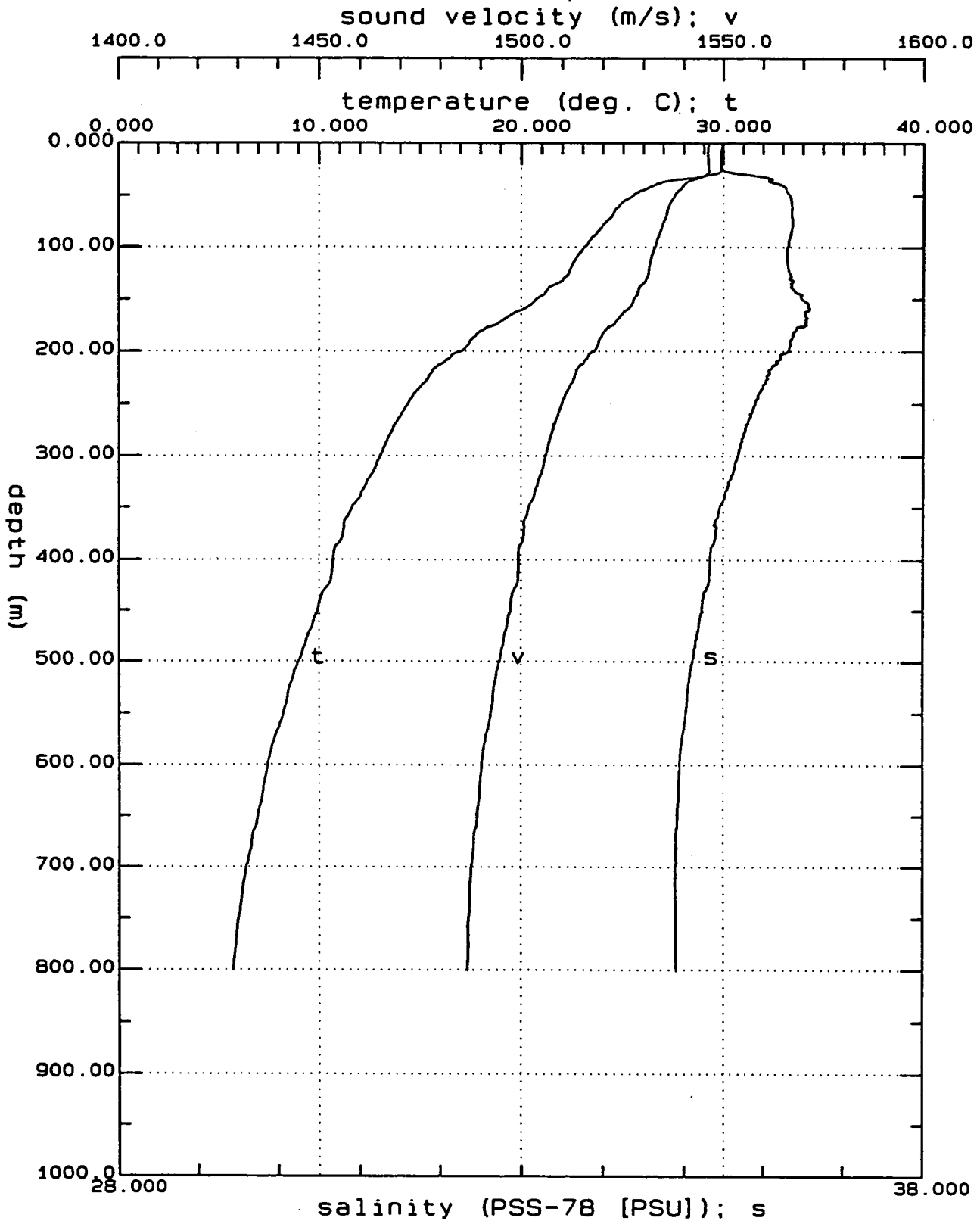
04-042.CNV: Gulfcet Cruise 06



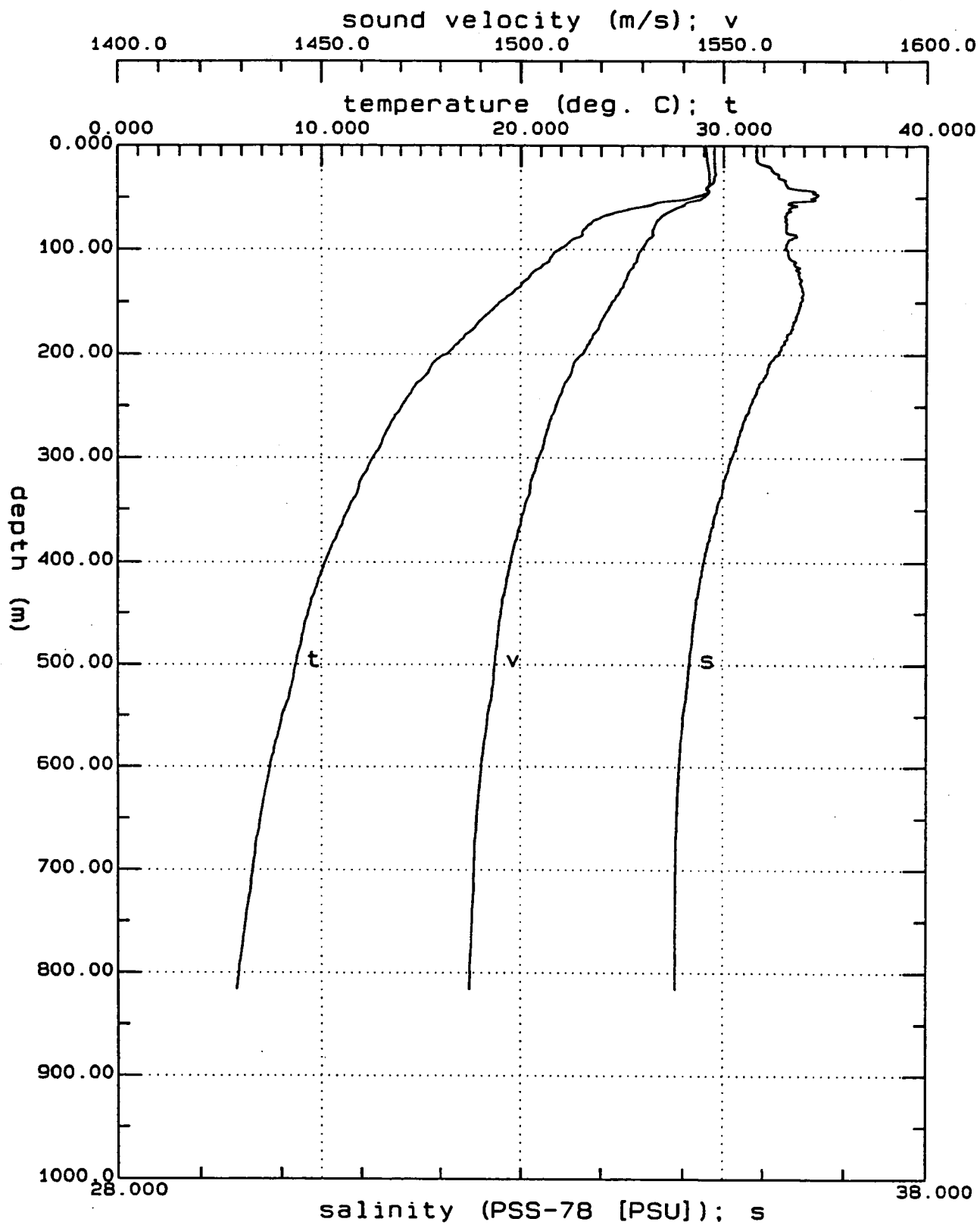
05-043.CNV: Gulfcet Cruise 06



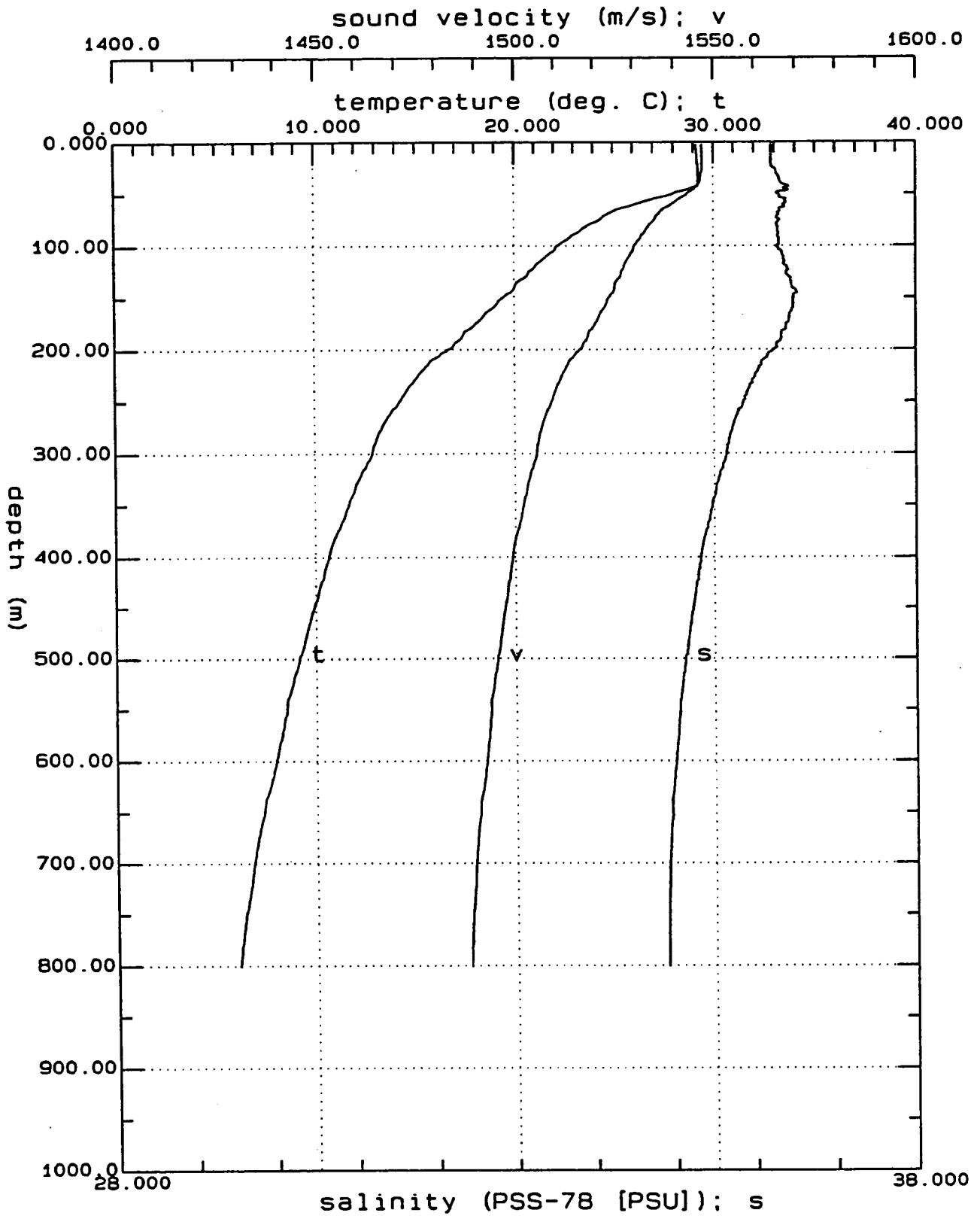
05-047.CNV: Gulfcet Cruise 06



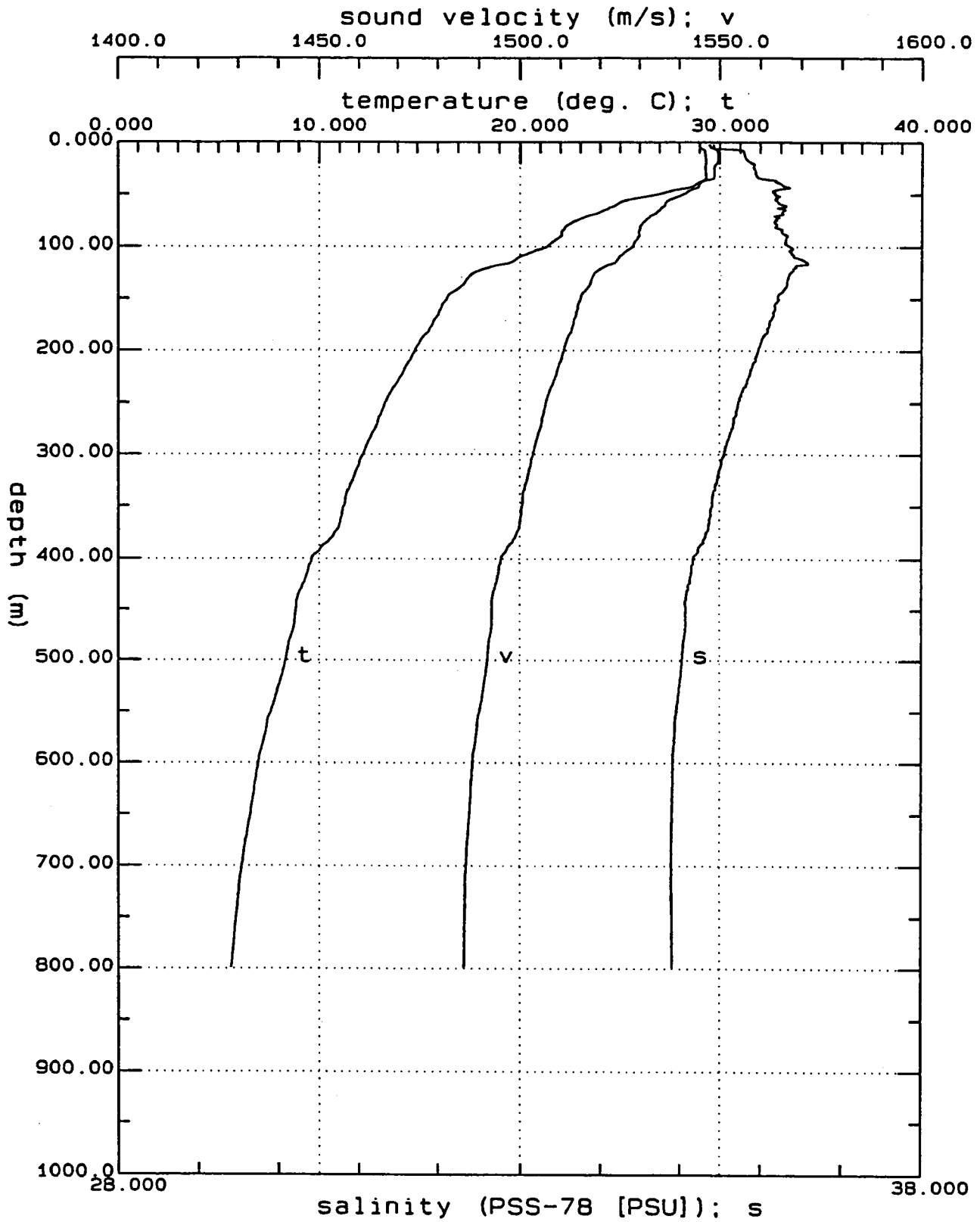
05-050.CNV: Gulfcet Cruise 06



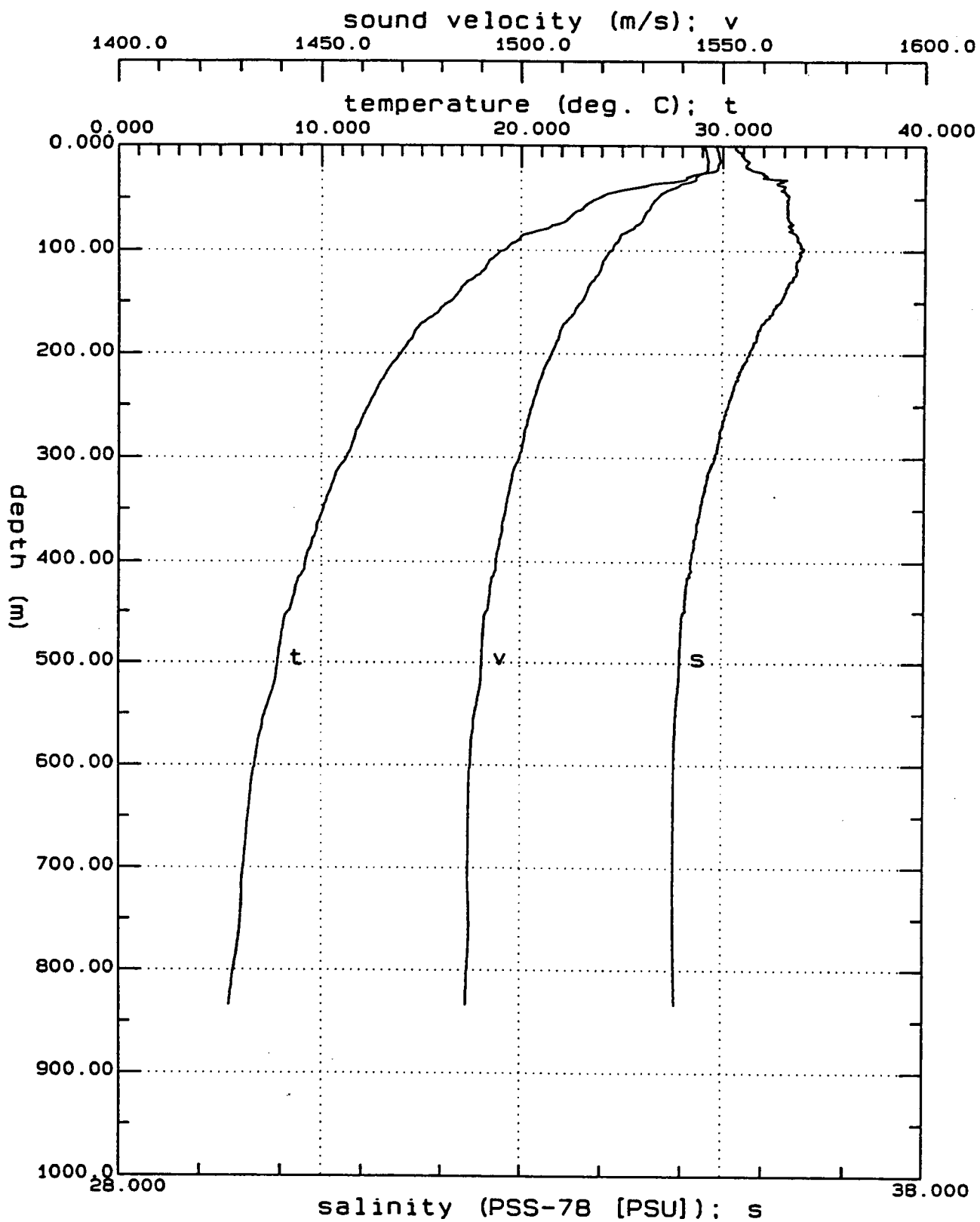
05-053.CNV: Gulfcet Cruise 06



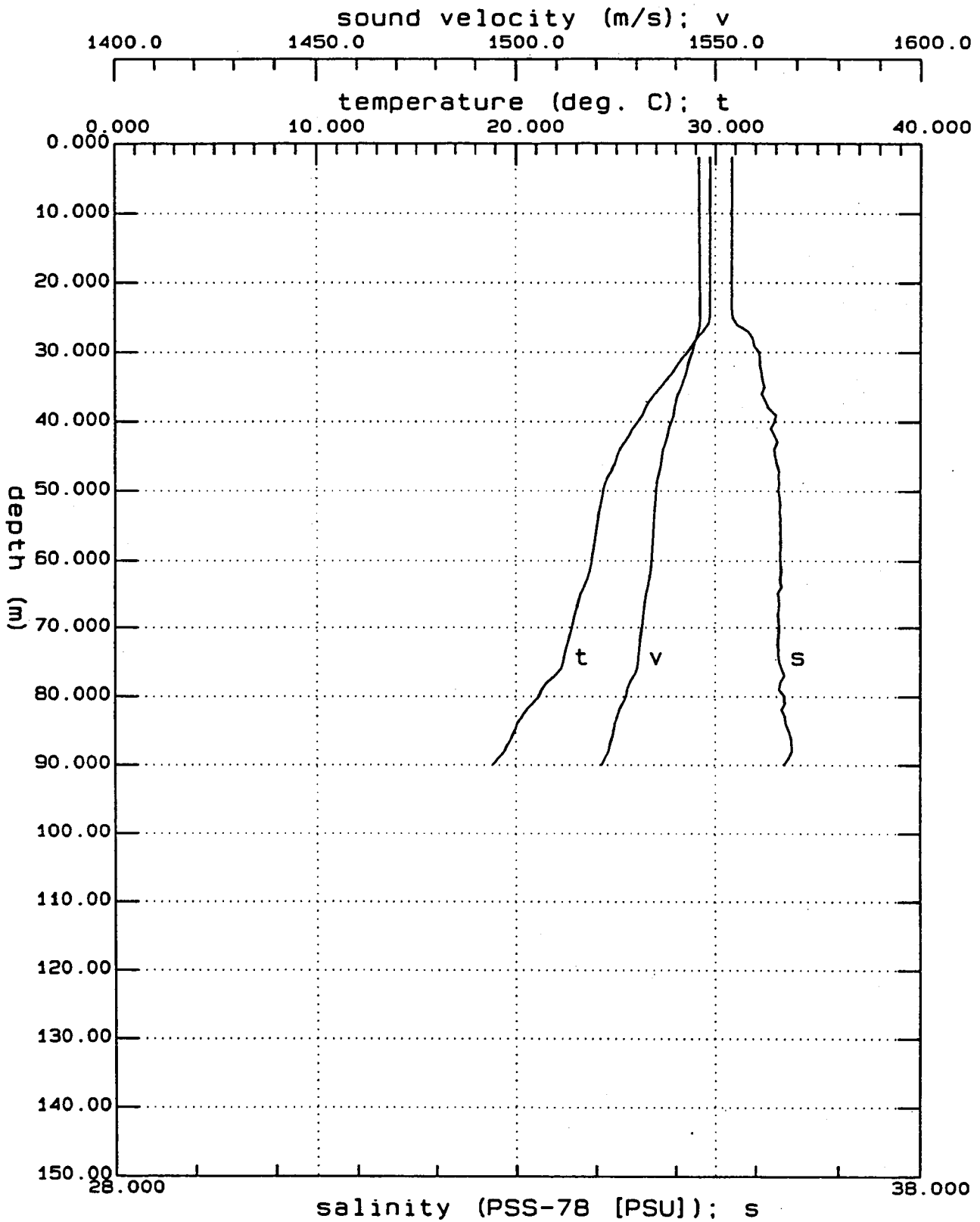
06-054.CNV: Gulfcet Cruise 06



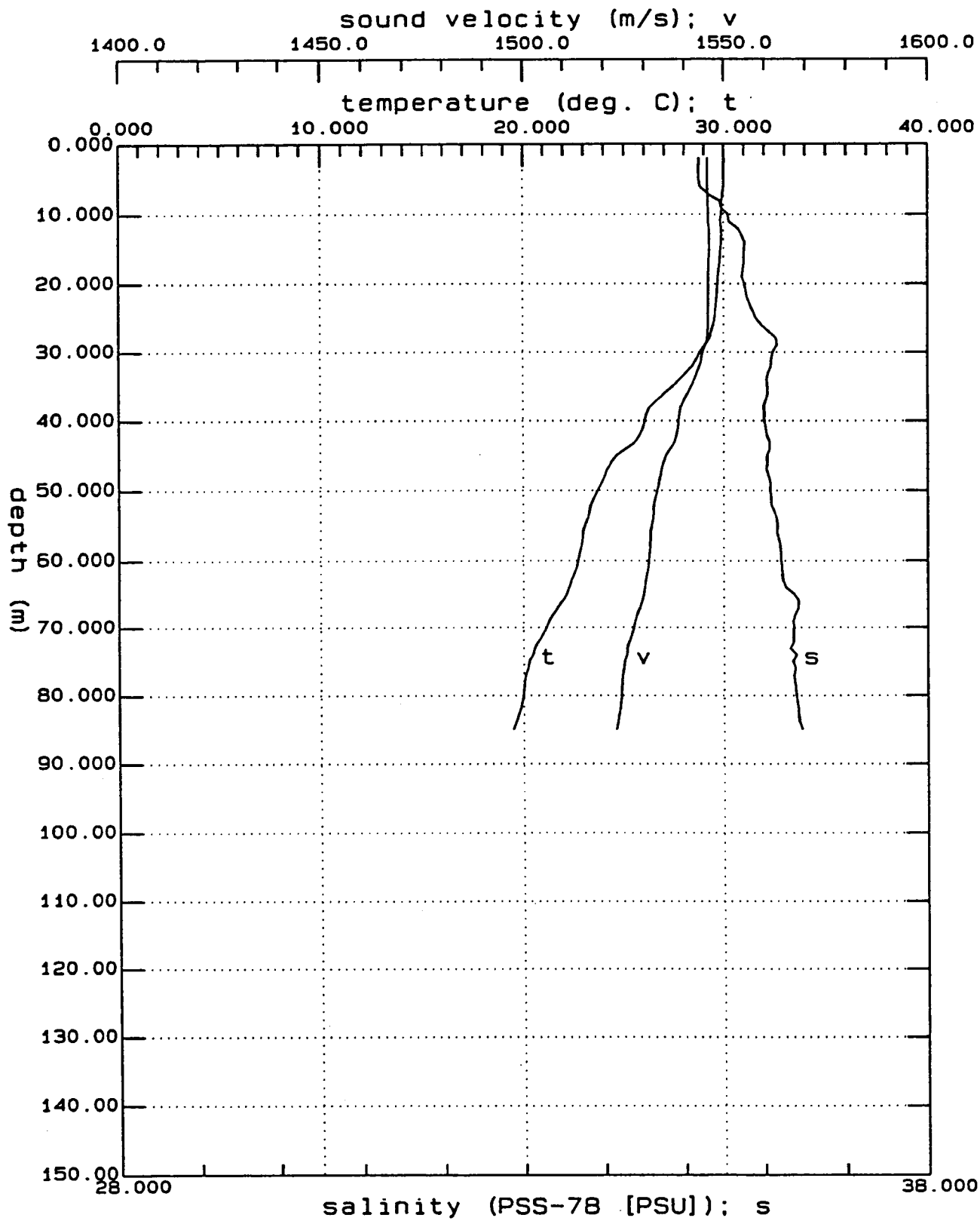
06-055.CNV: Gulfcet Cruise 06



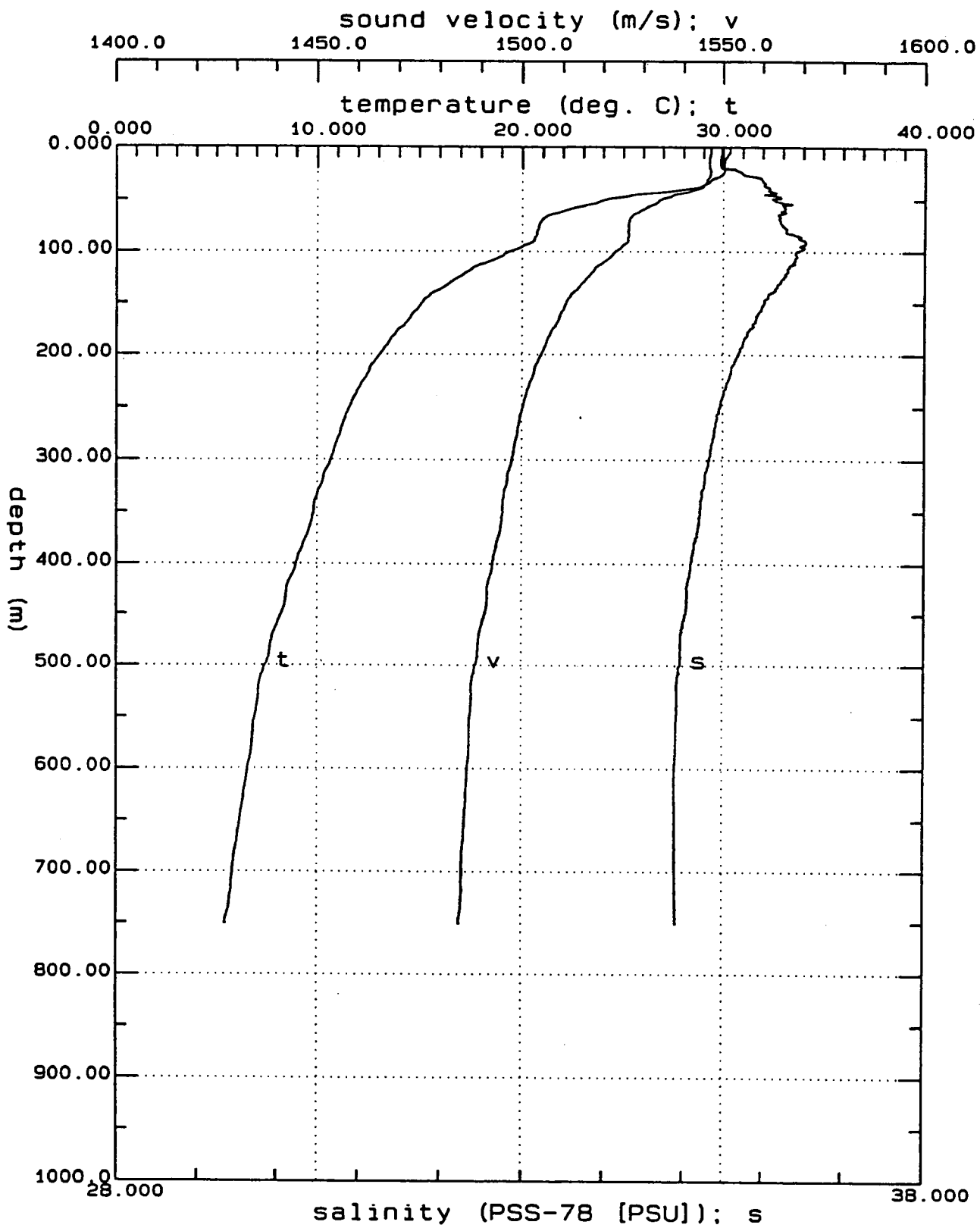
06-059.CNV: Gulfcet Cruise 06



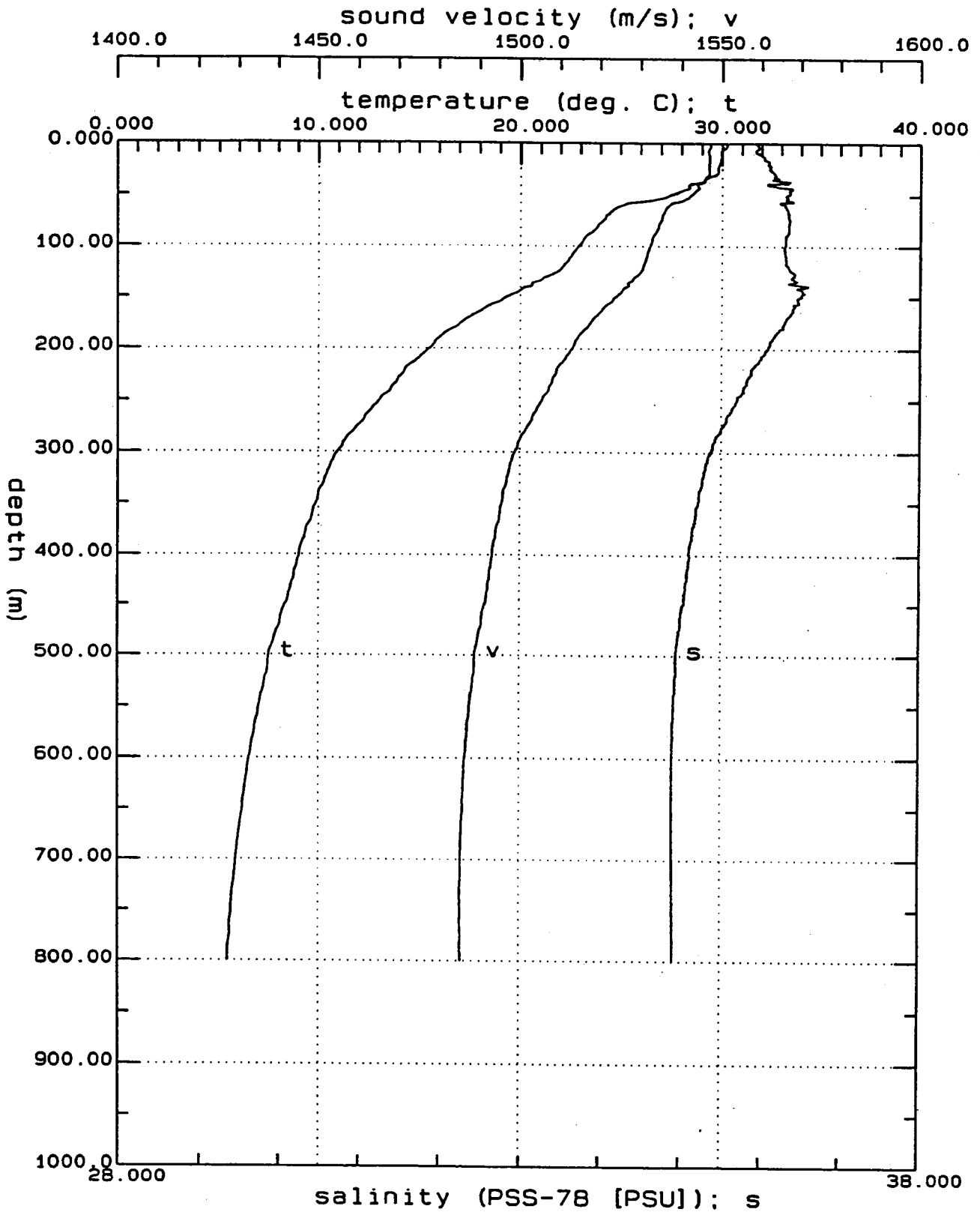
06-064.CNV: Gulfcet Cruise 06



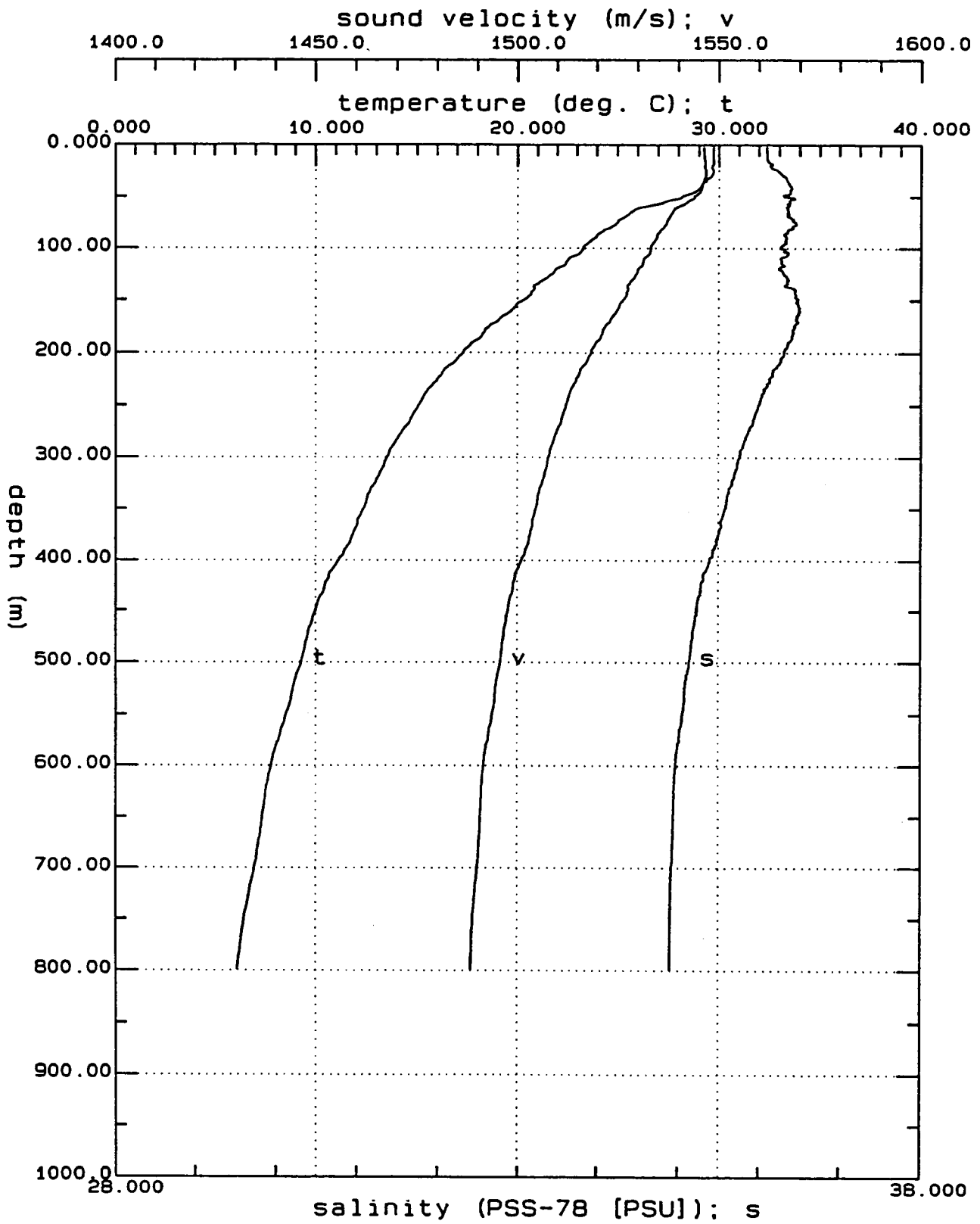
07-065.CNV: Gulfcet Cruise 06



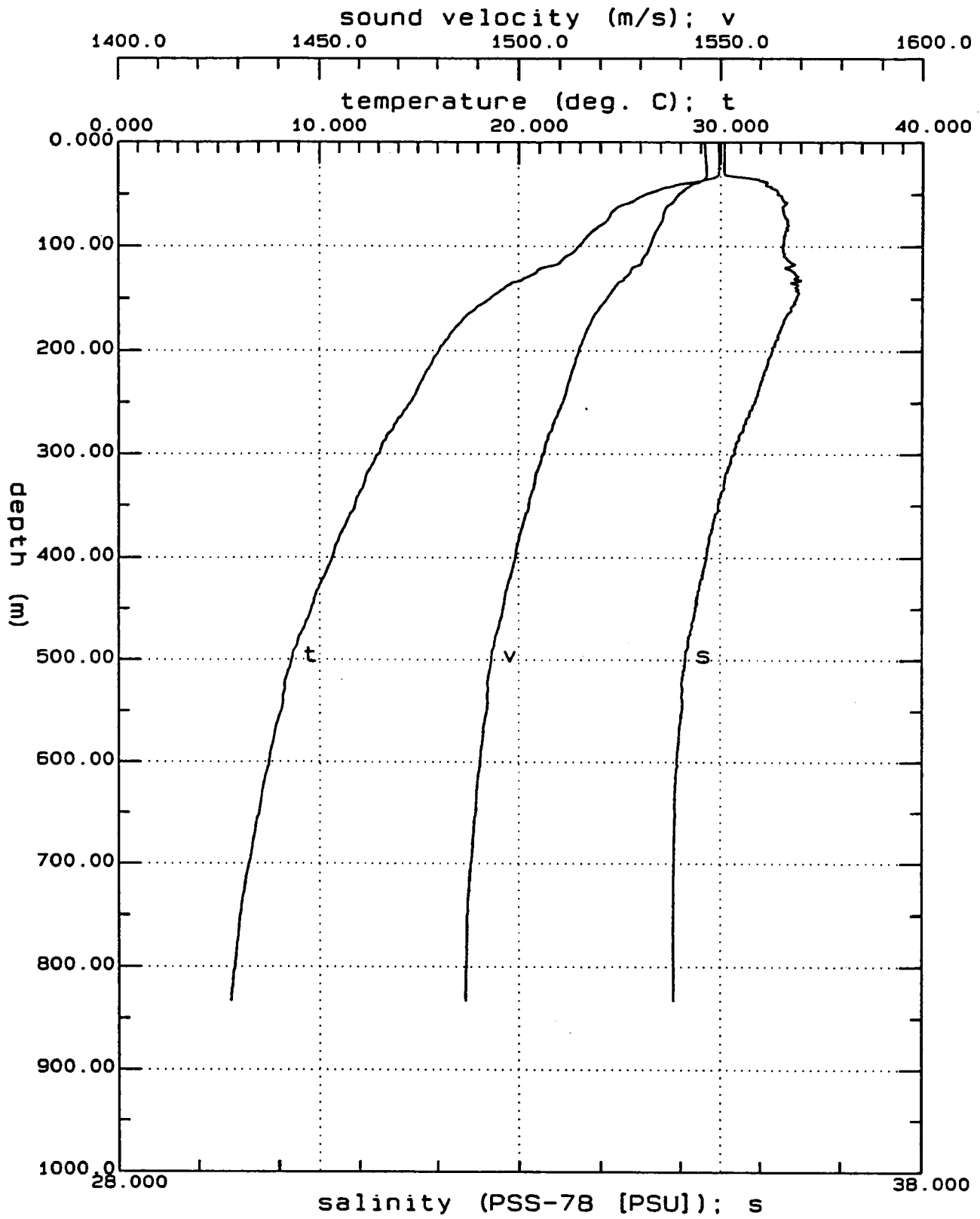
07-071.CNV: Gulfcet Cruise 06



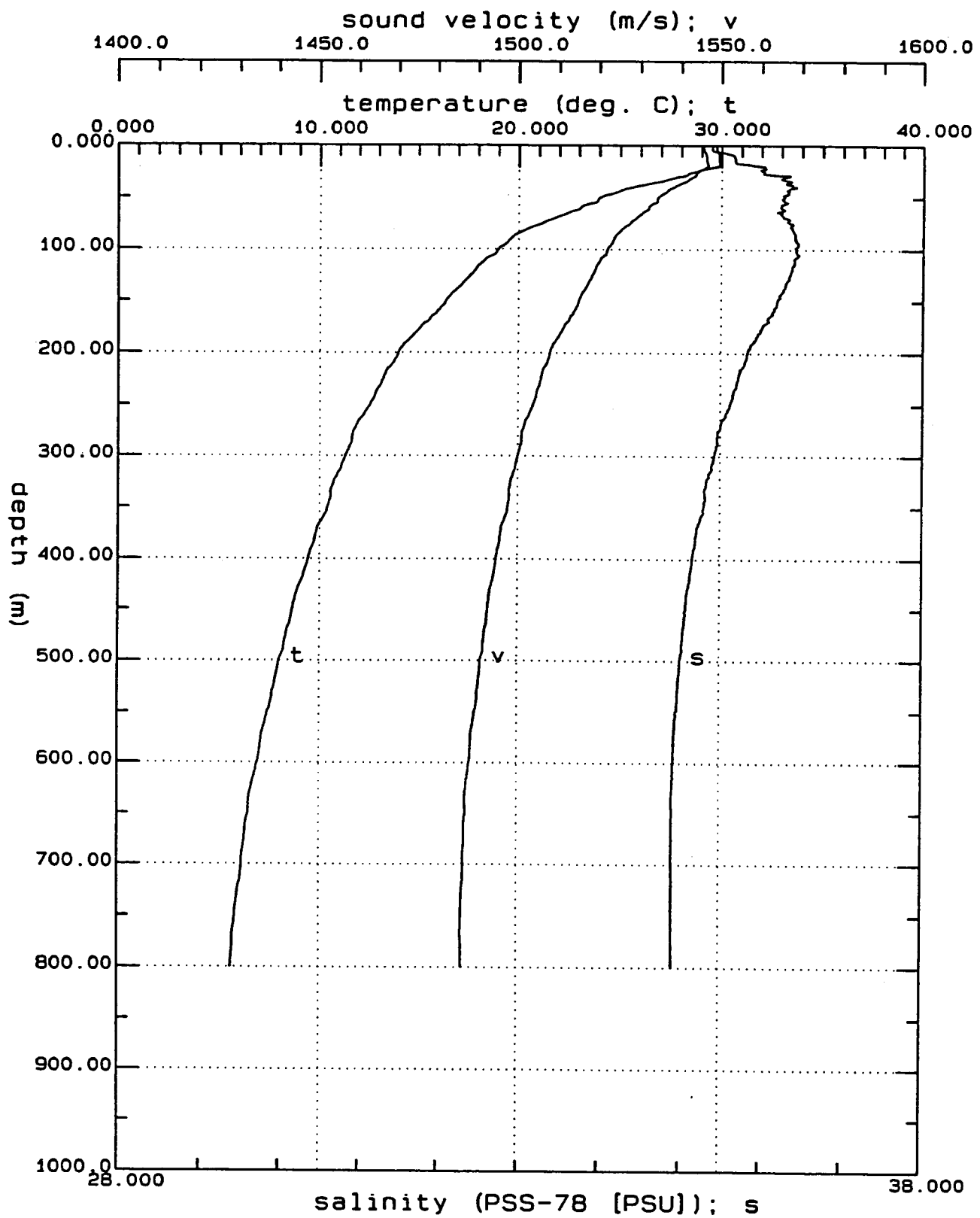
07-073.CNV: Gulfcet Cruise 06



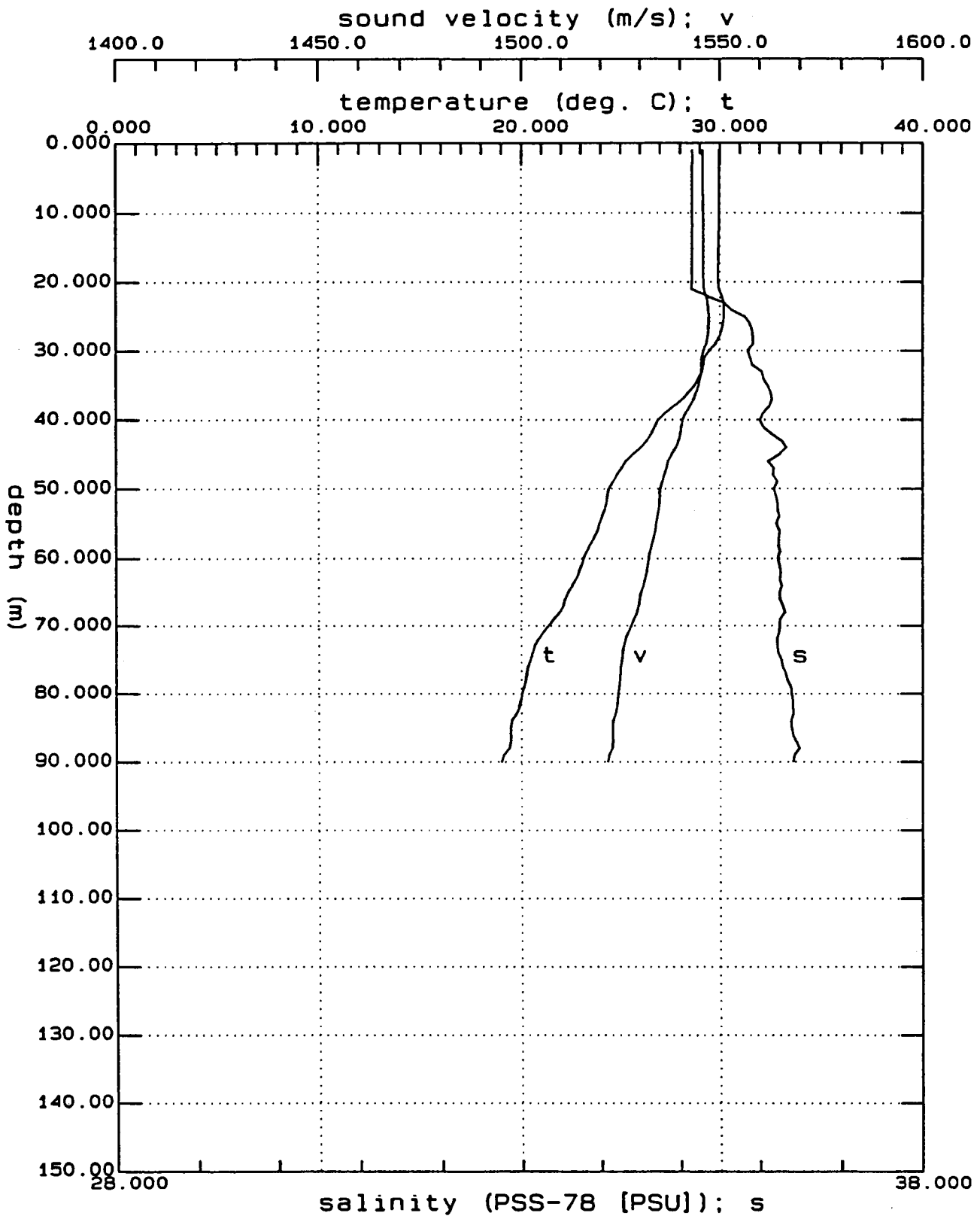
07-075.CNV: Gulfcet Cruise 06



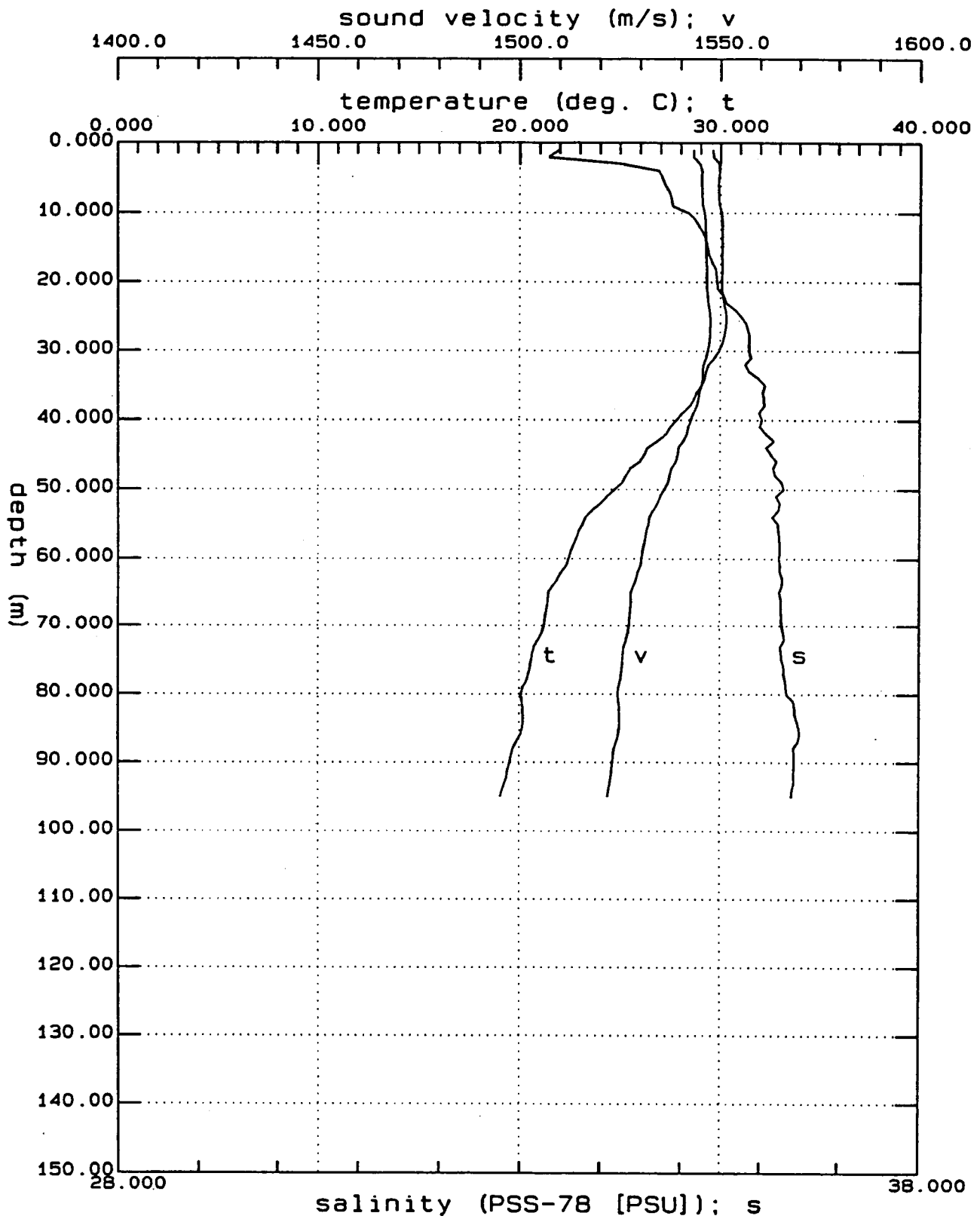
08-076.CNV: Gulfcet Cruise 06



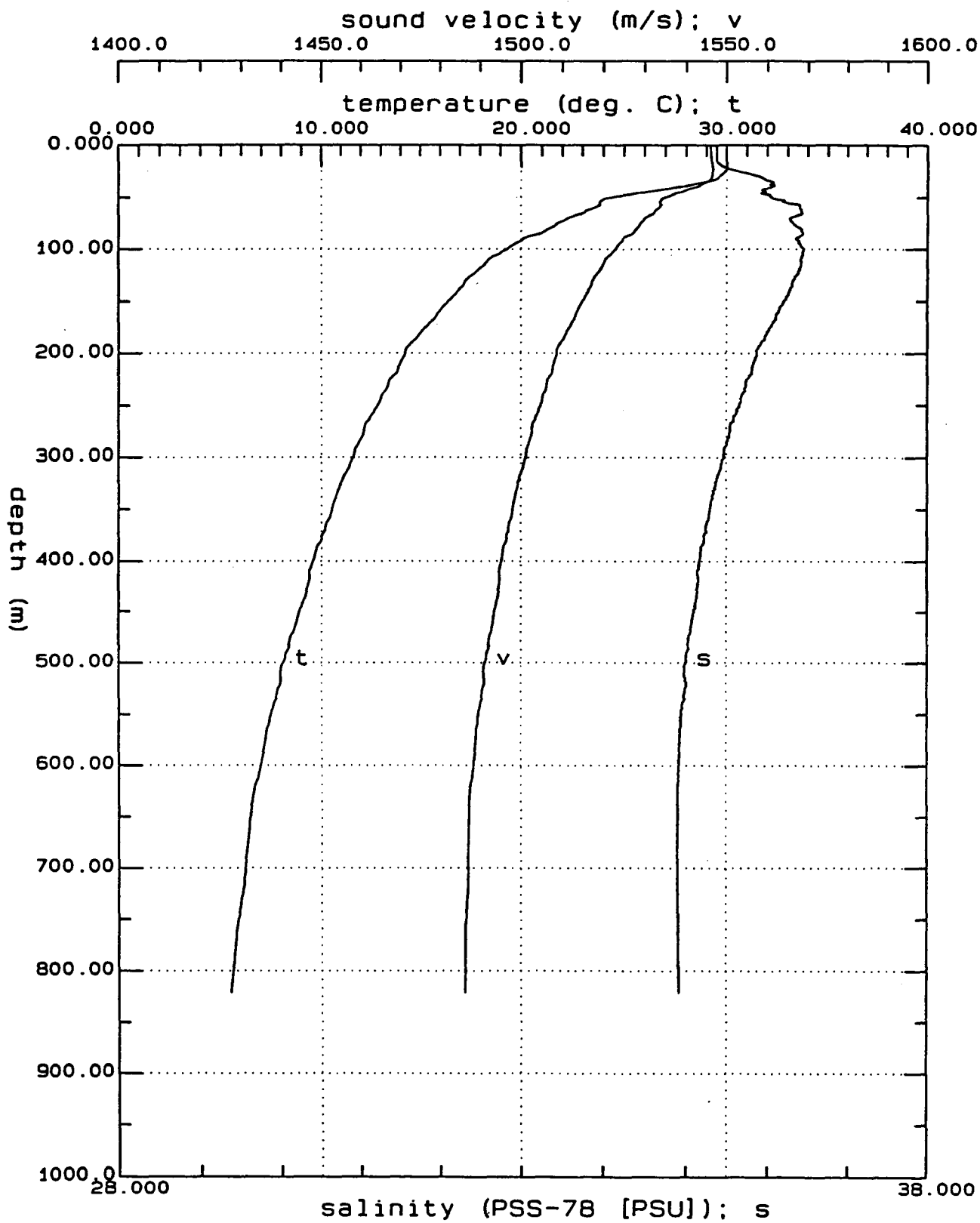
08-080.CNV: Gulfcet Cruise 06



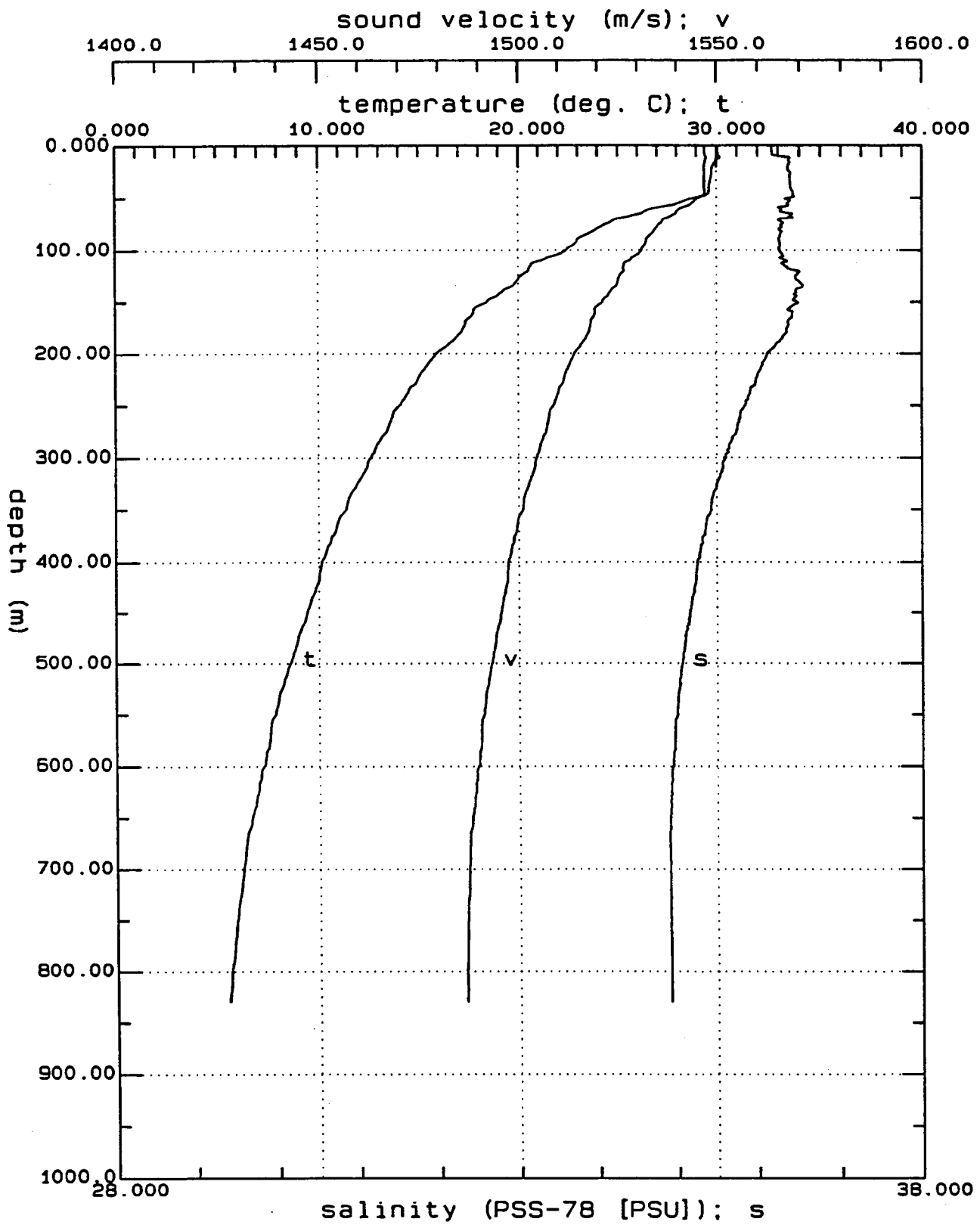
08-086.CNV: Gulfcet Cruise 06



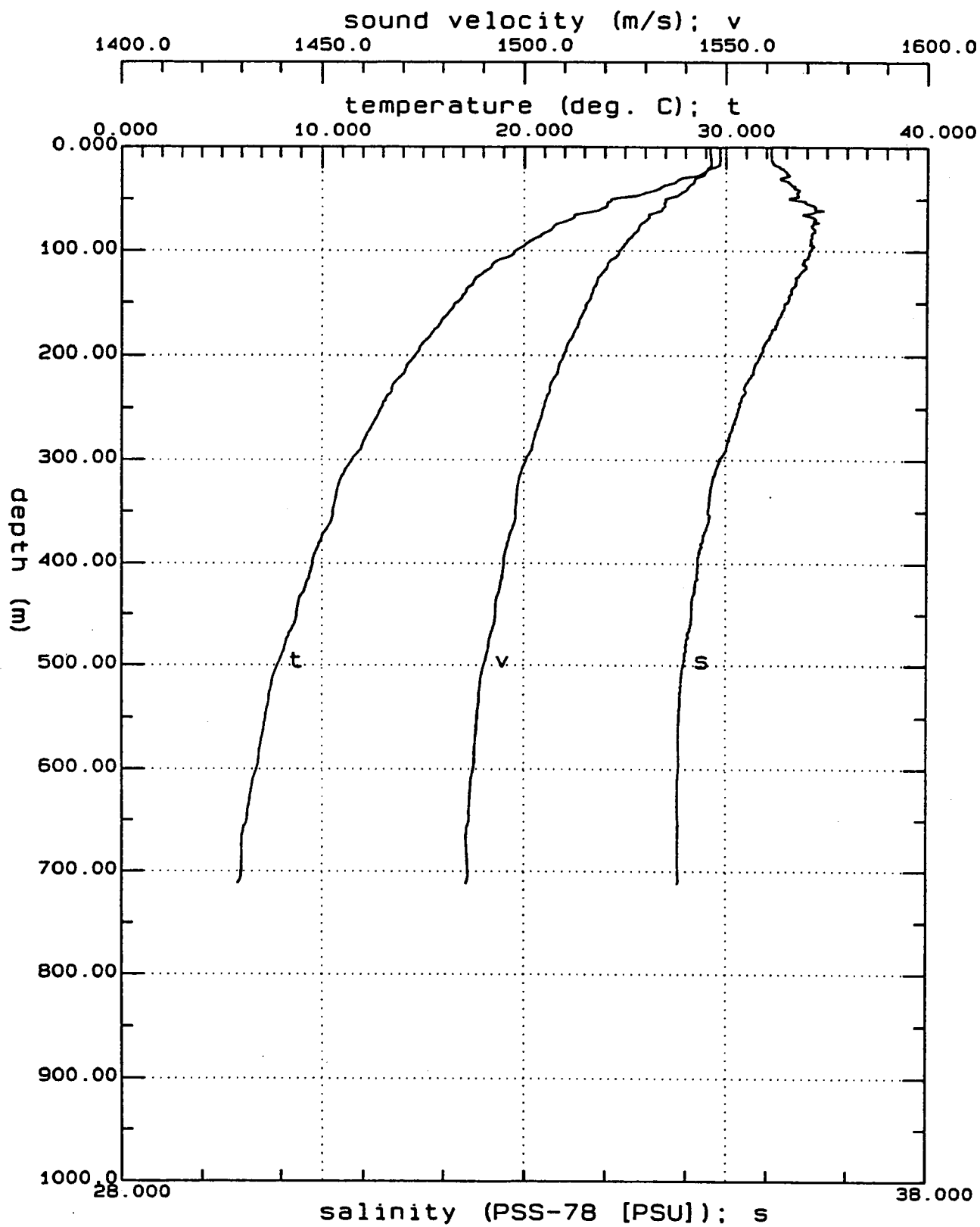
09-087.CNV: Gulfcet Cruise 06



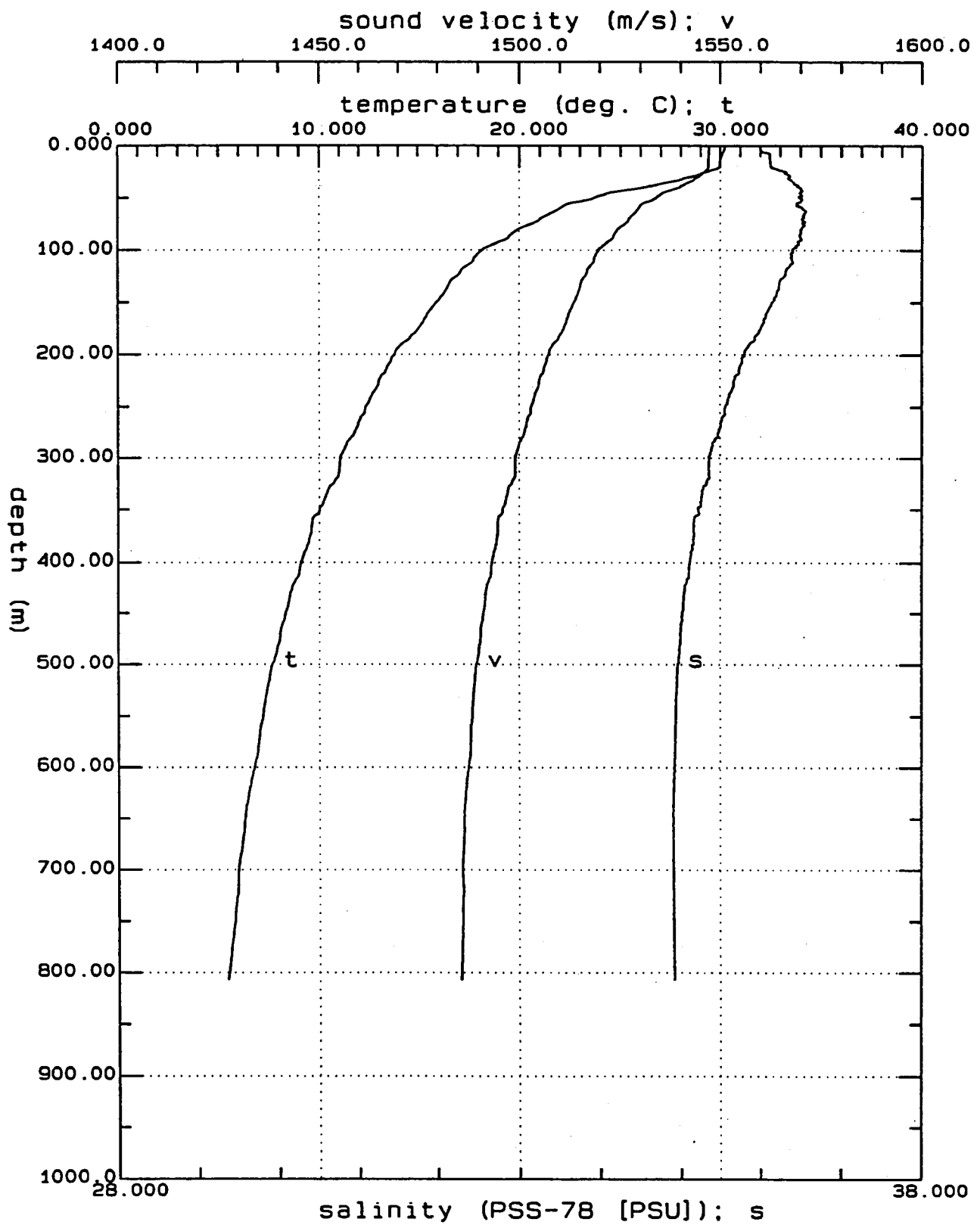
09-093.CNV: Gulfcet Cruise 06



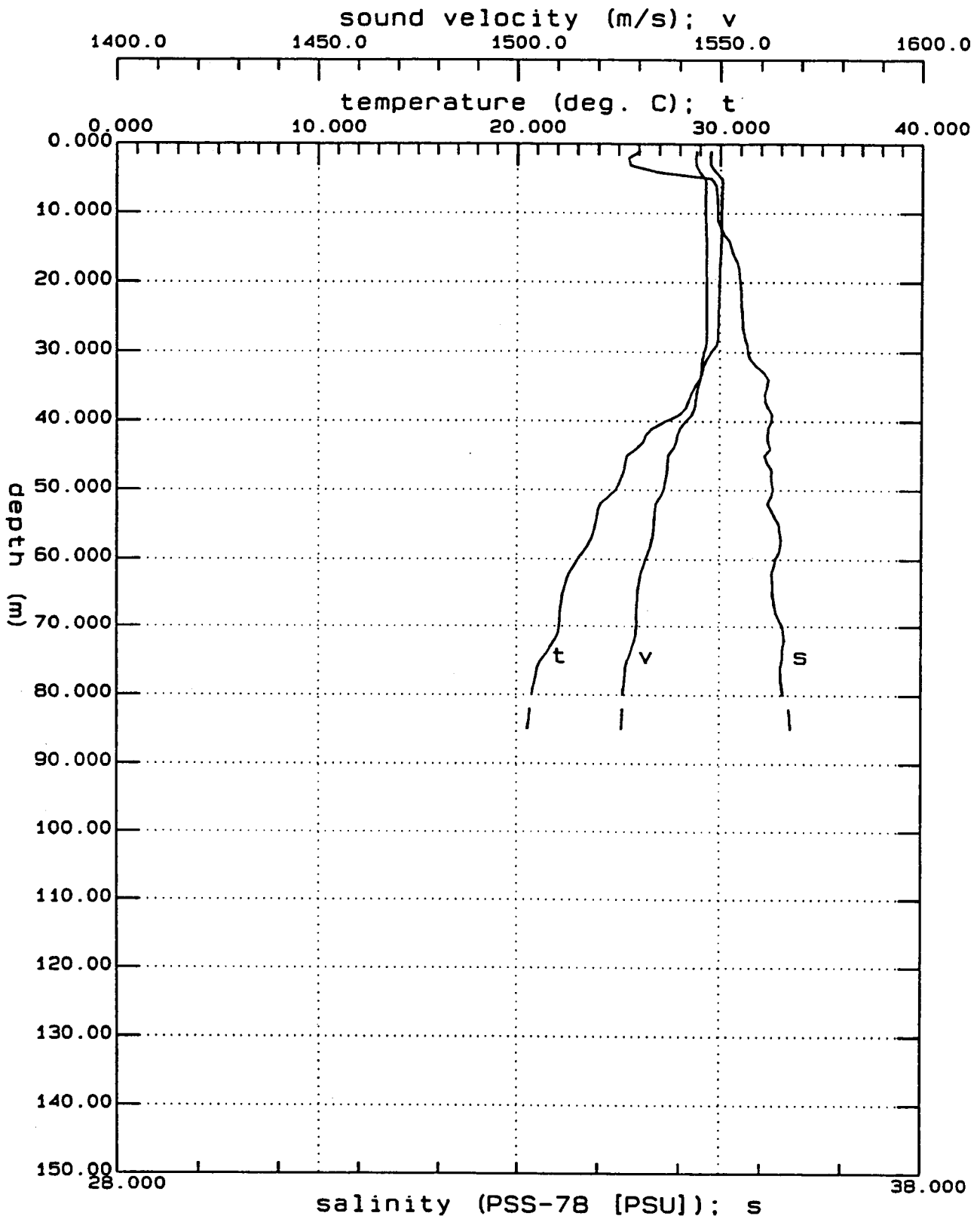
09-096.CNV: Gulfcet Cruise 06



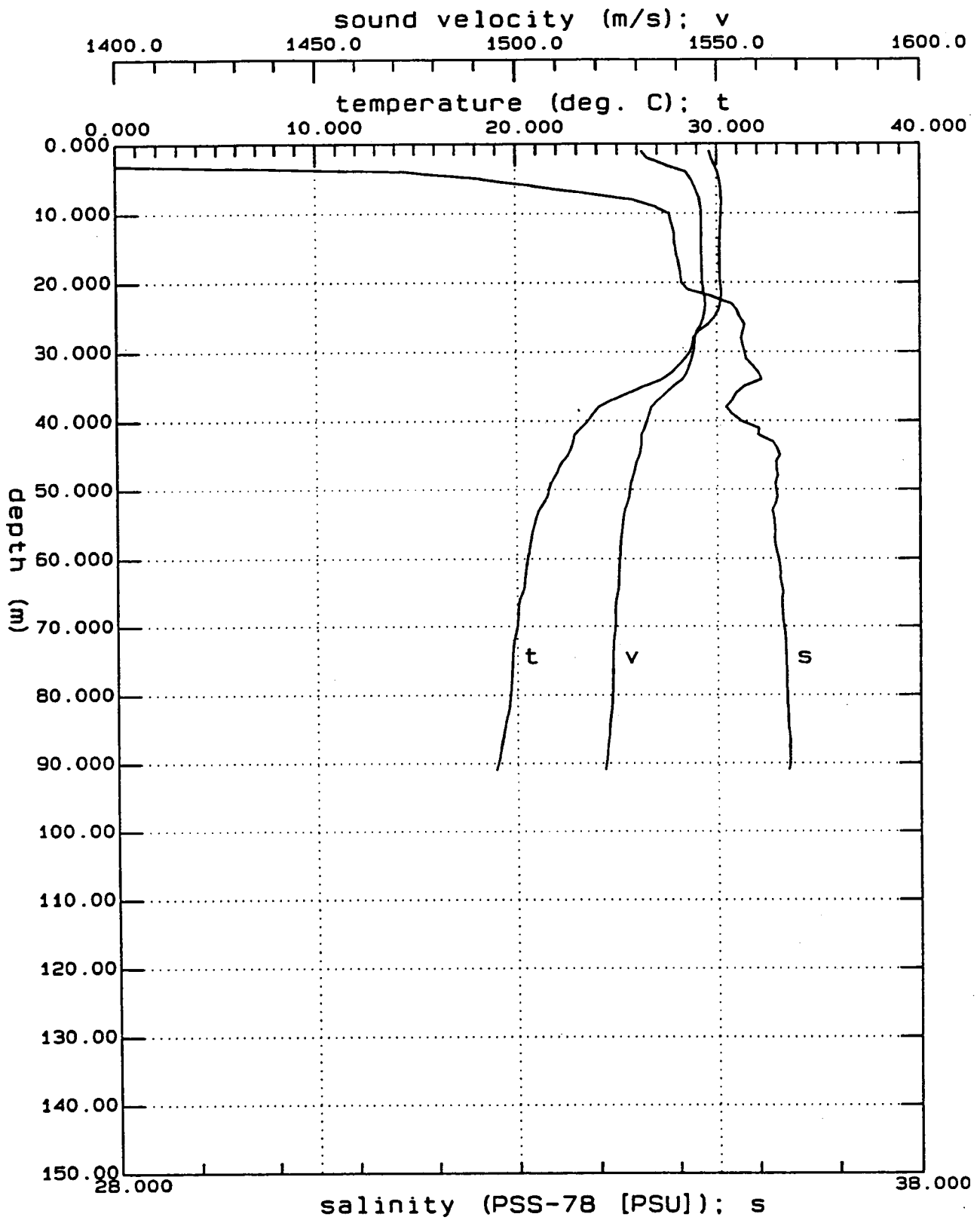
10-100.CNV: Gulfcet Cruise 06



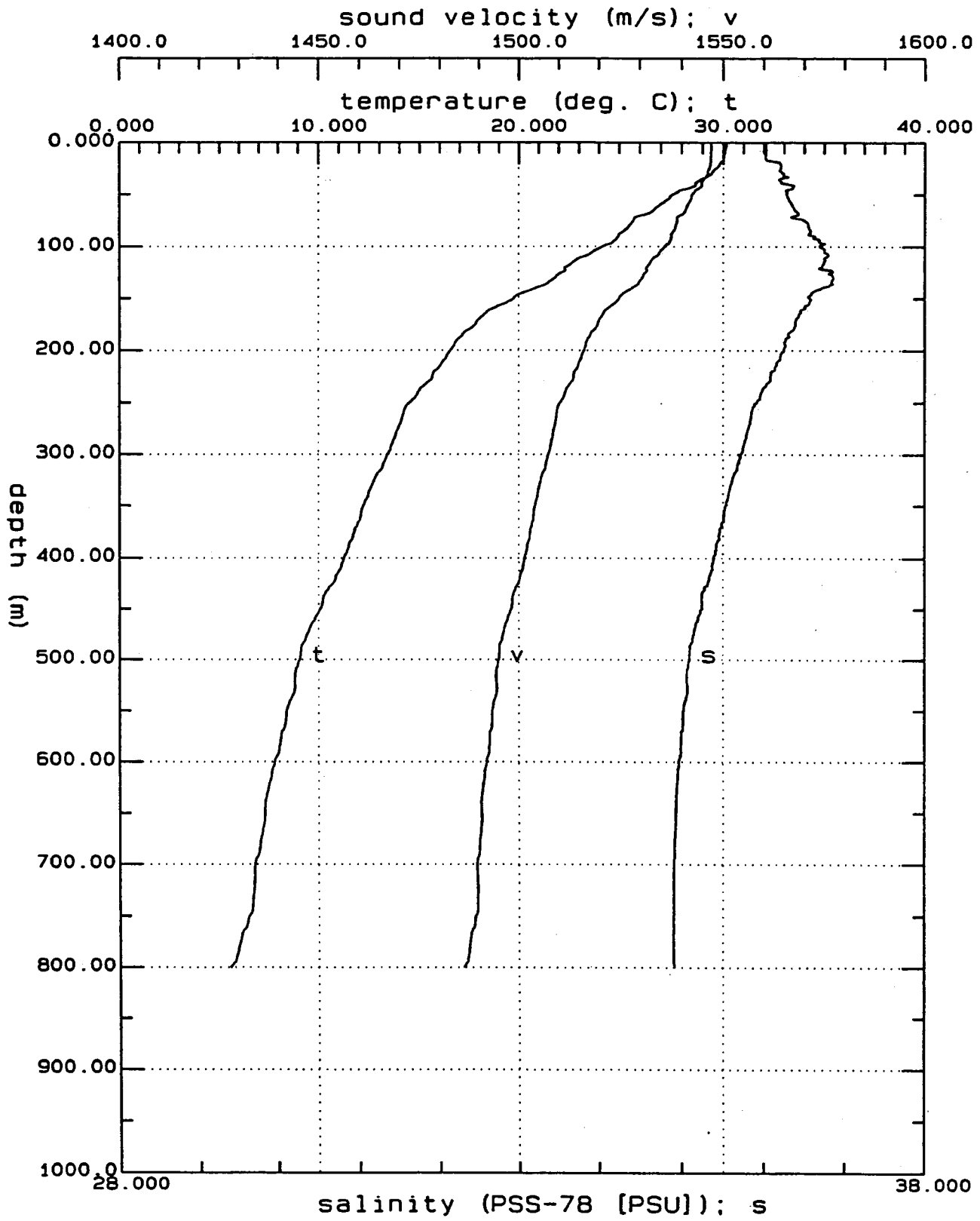
10-097.CNV: Gulfcet Cruise 06



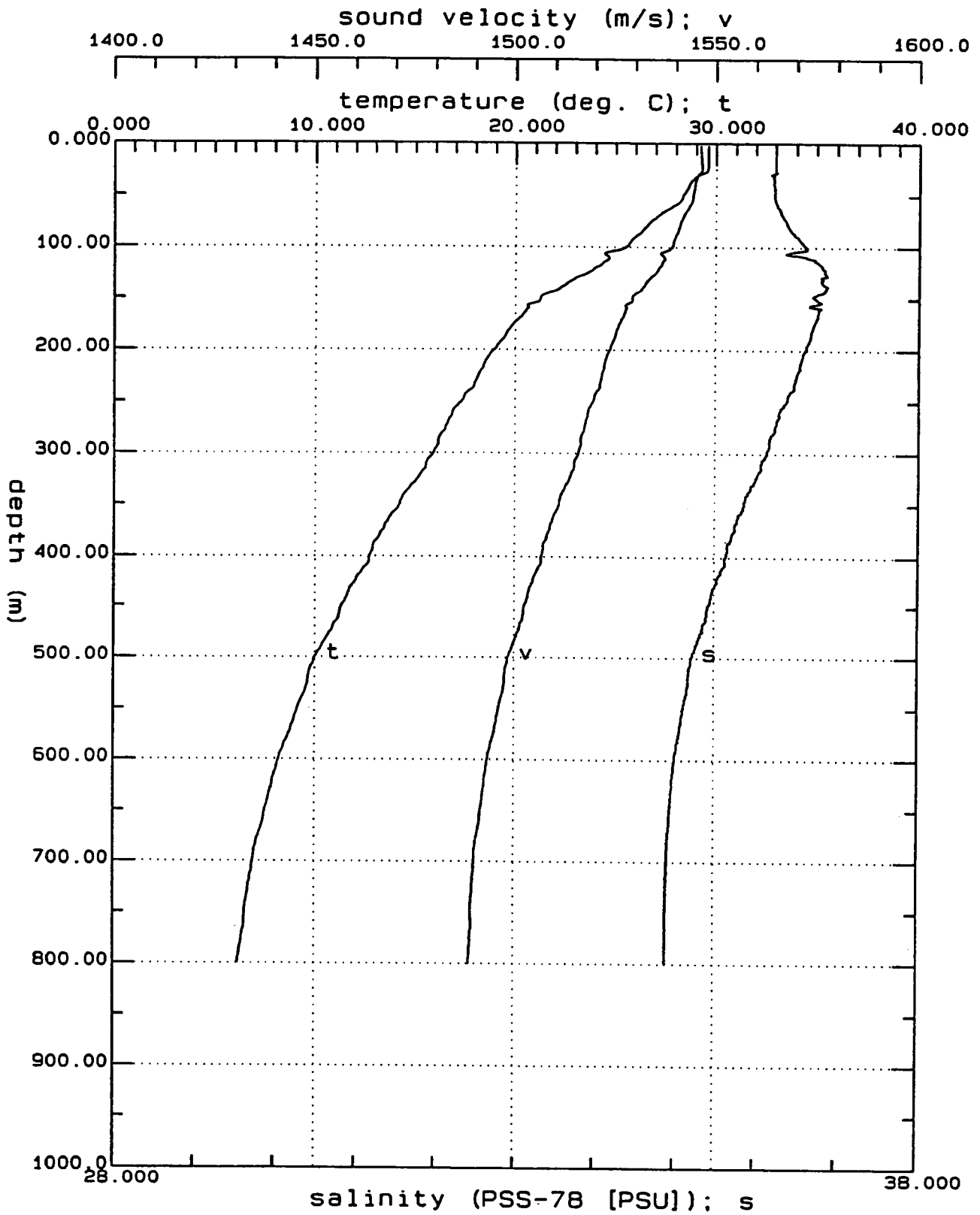
10-105.CNV: Gulfcet Cruise 06



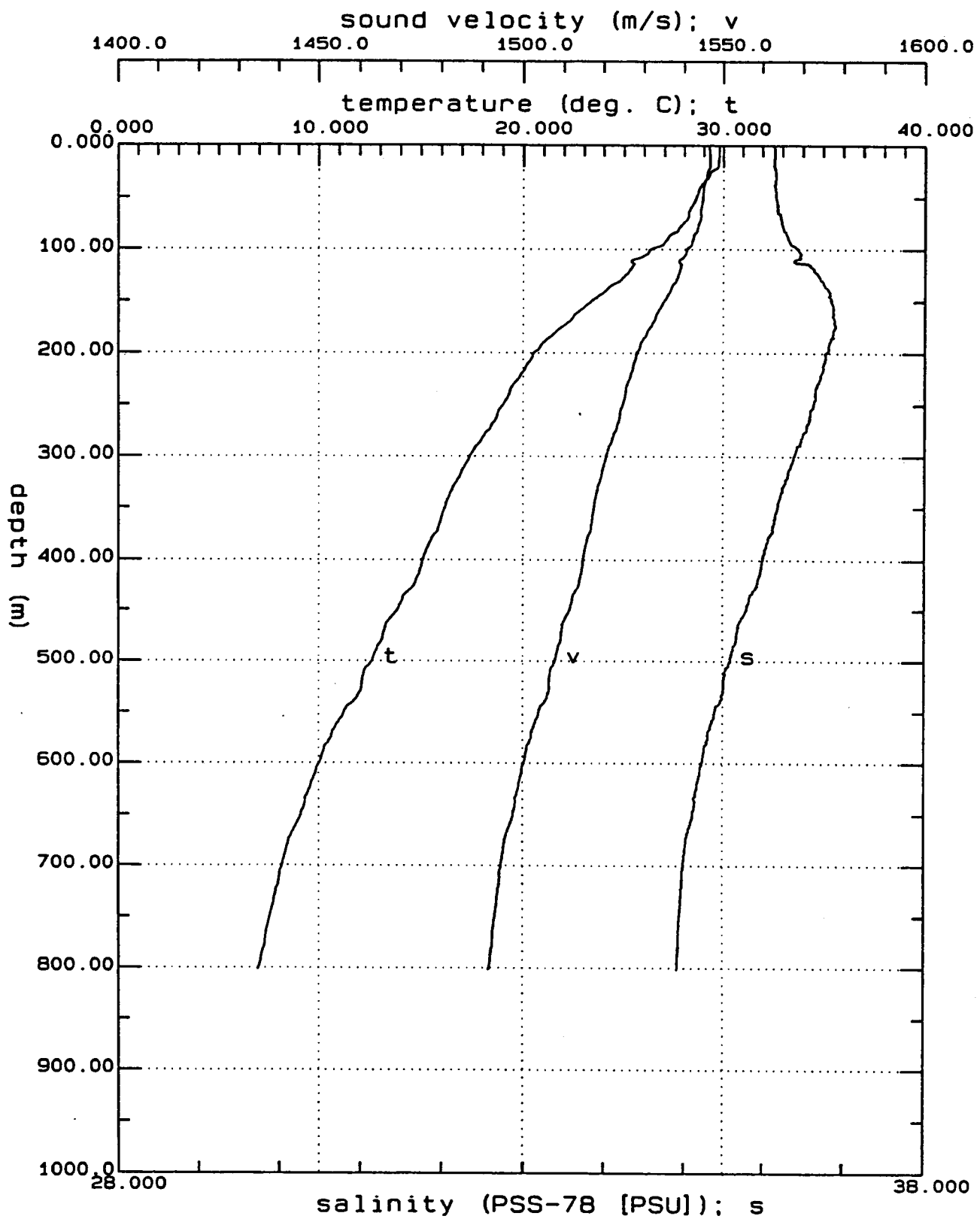
11-106.CNV: Gulfcet Cruise 06



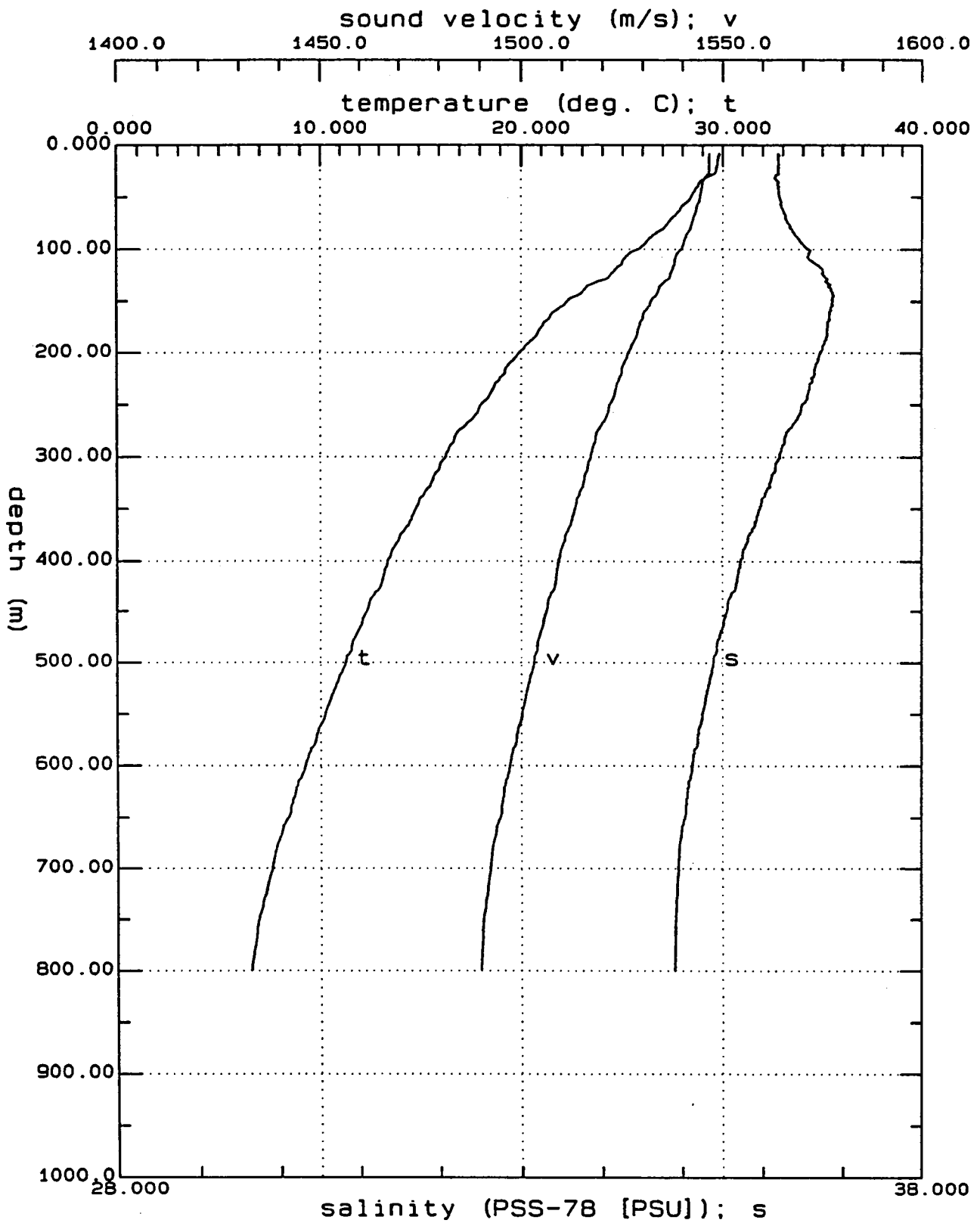
11-112.CNV: Gulfcet Cruise 06



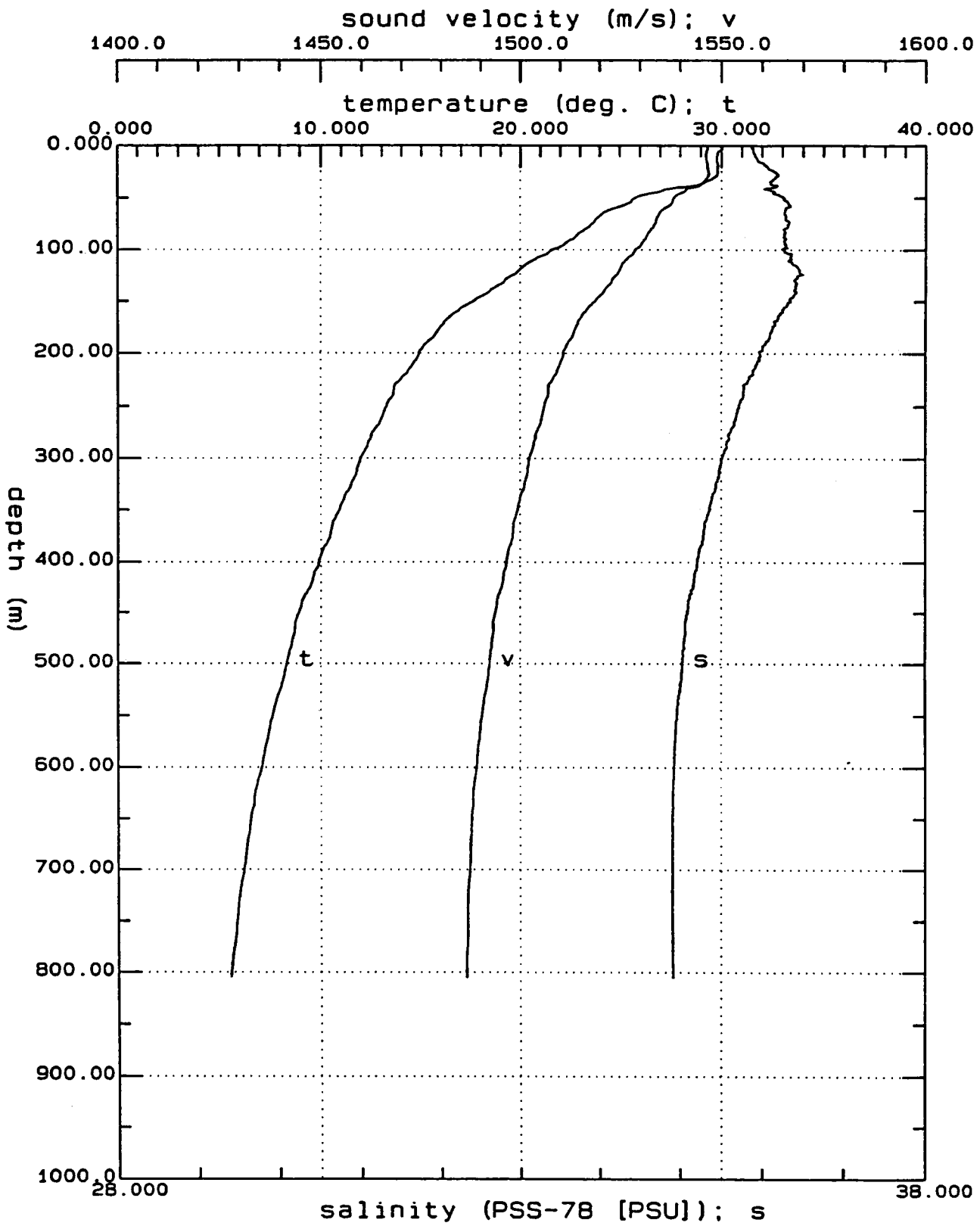
11-115.CNV: Gulfcet Cruise 06



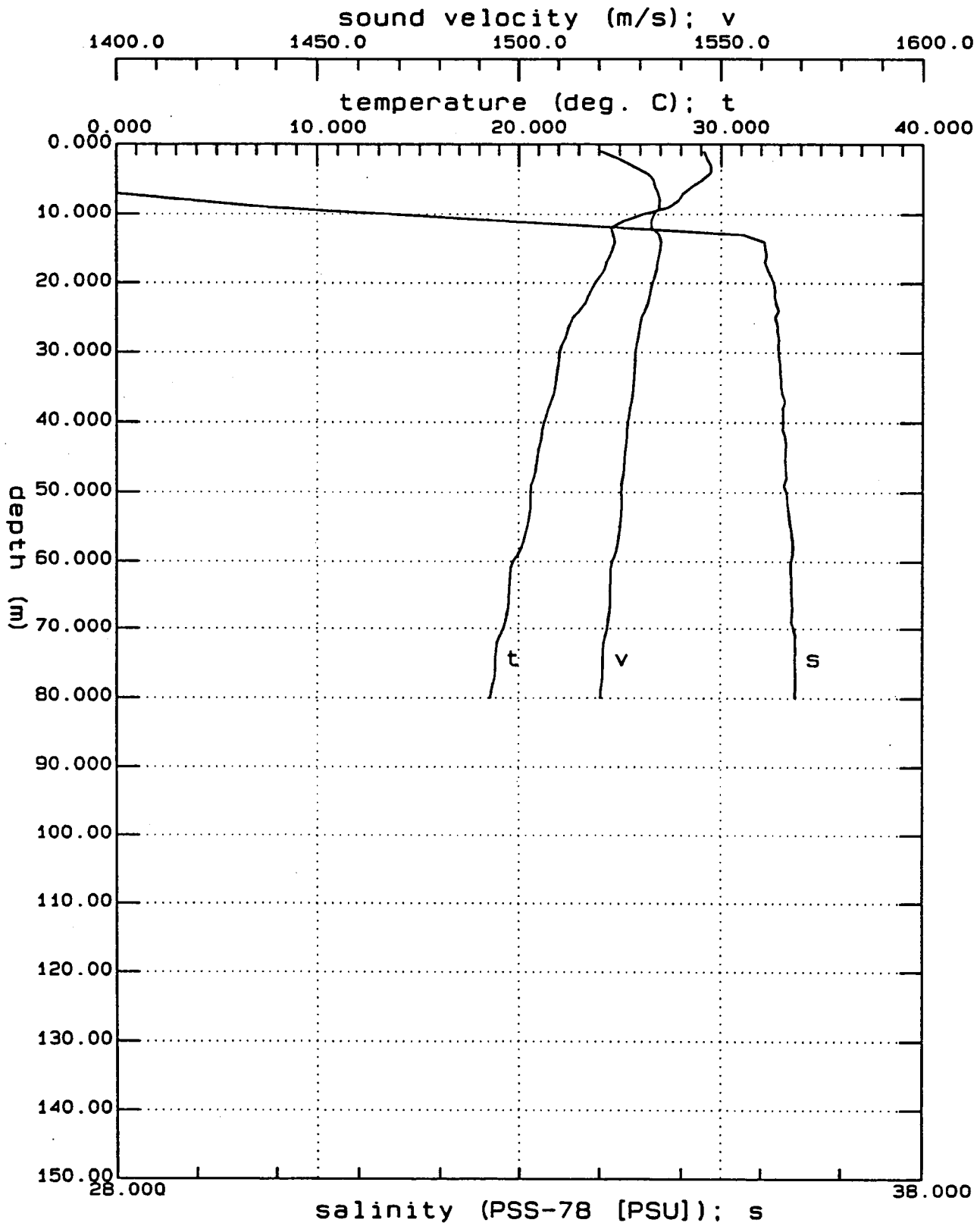
12-116.CNV: Gulfcet Cruise 06



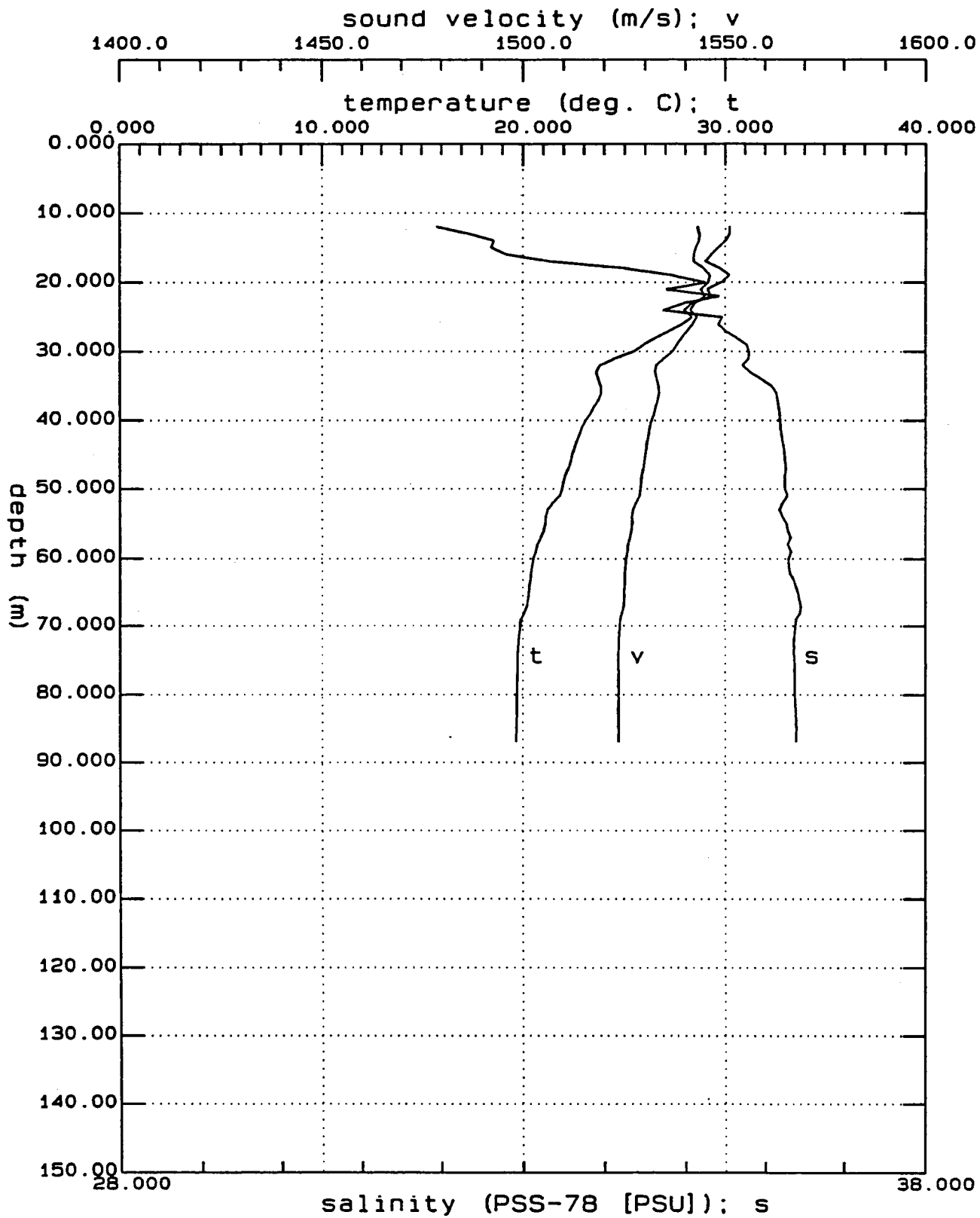
12-117.CNV: Gulfcet Cruise 06



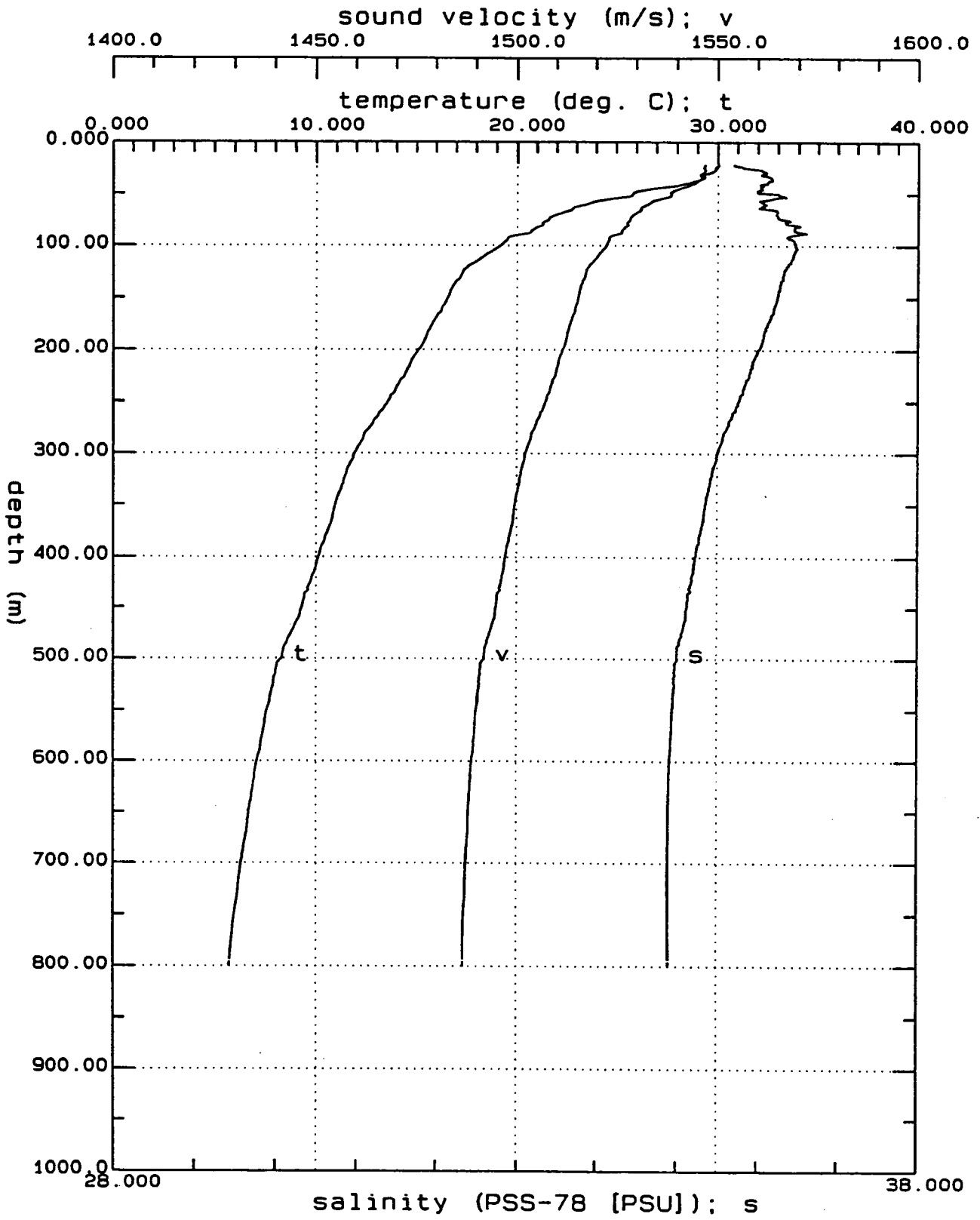
12-119.CNV: Gulfcet Cruise 06



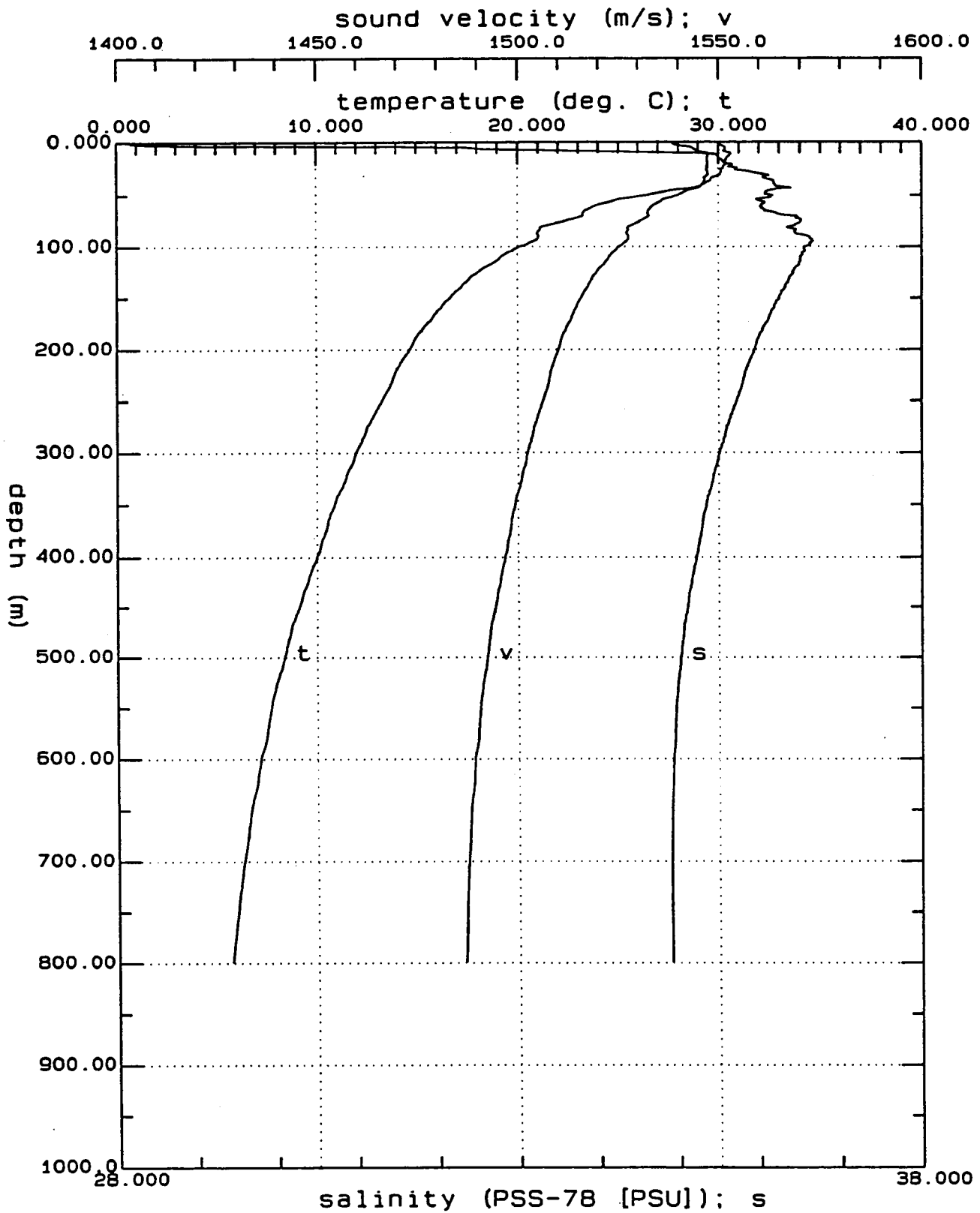
12-125.CNV: Gulfcet Cruise 06



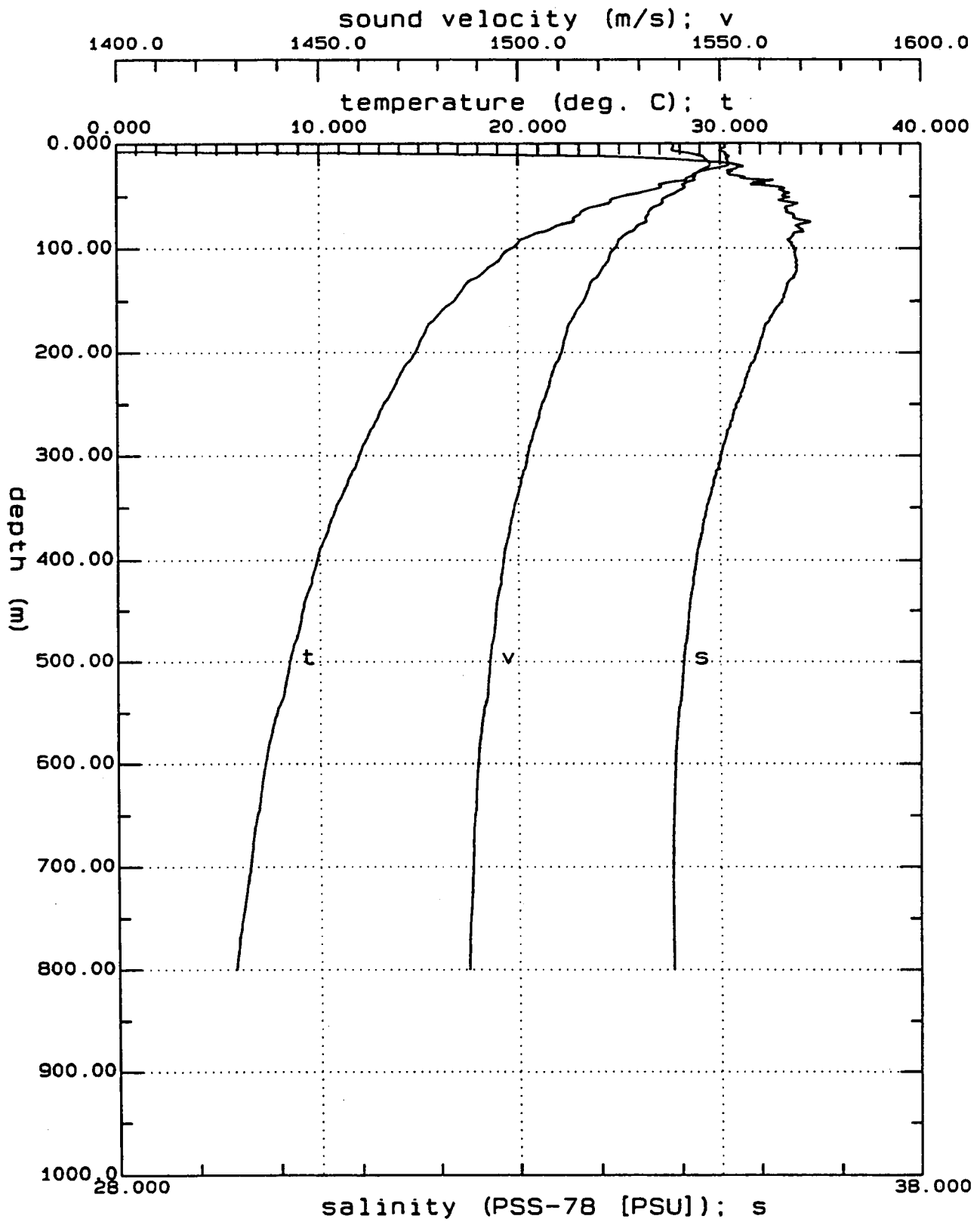
13-126.CNV: Gulfcet Cruise 06



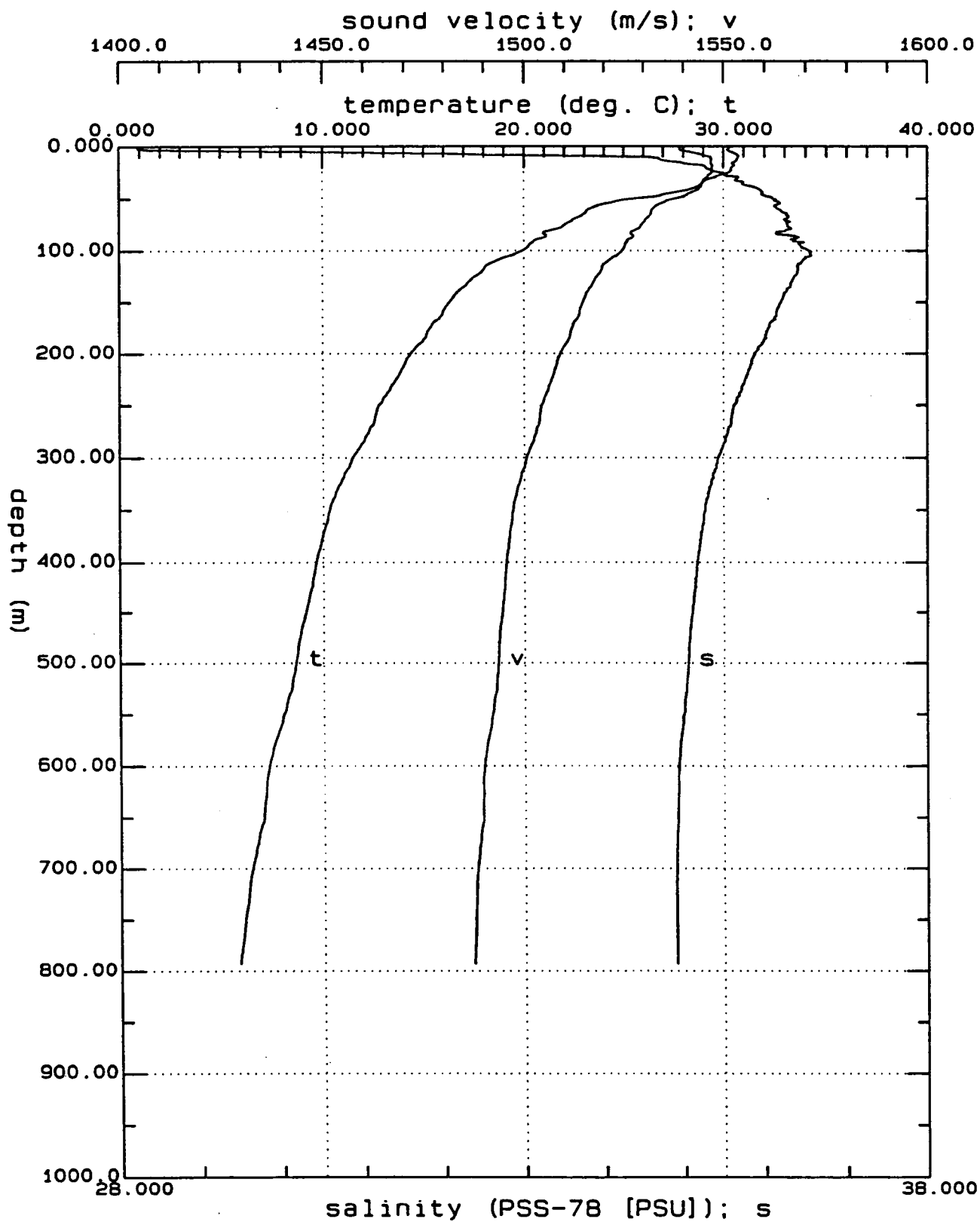
13-133.CNV: Gulfcet Cruise 06



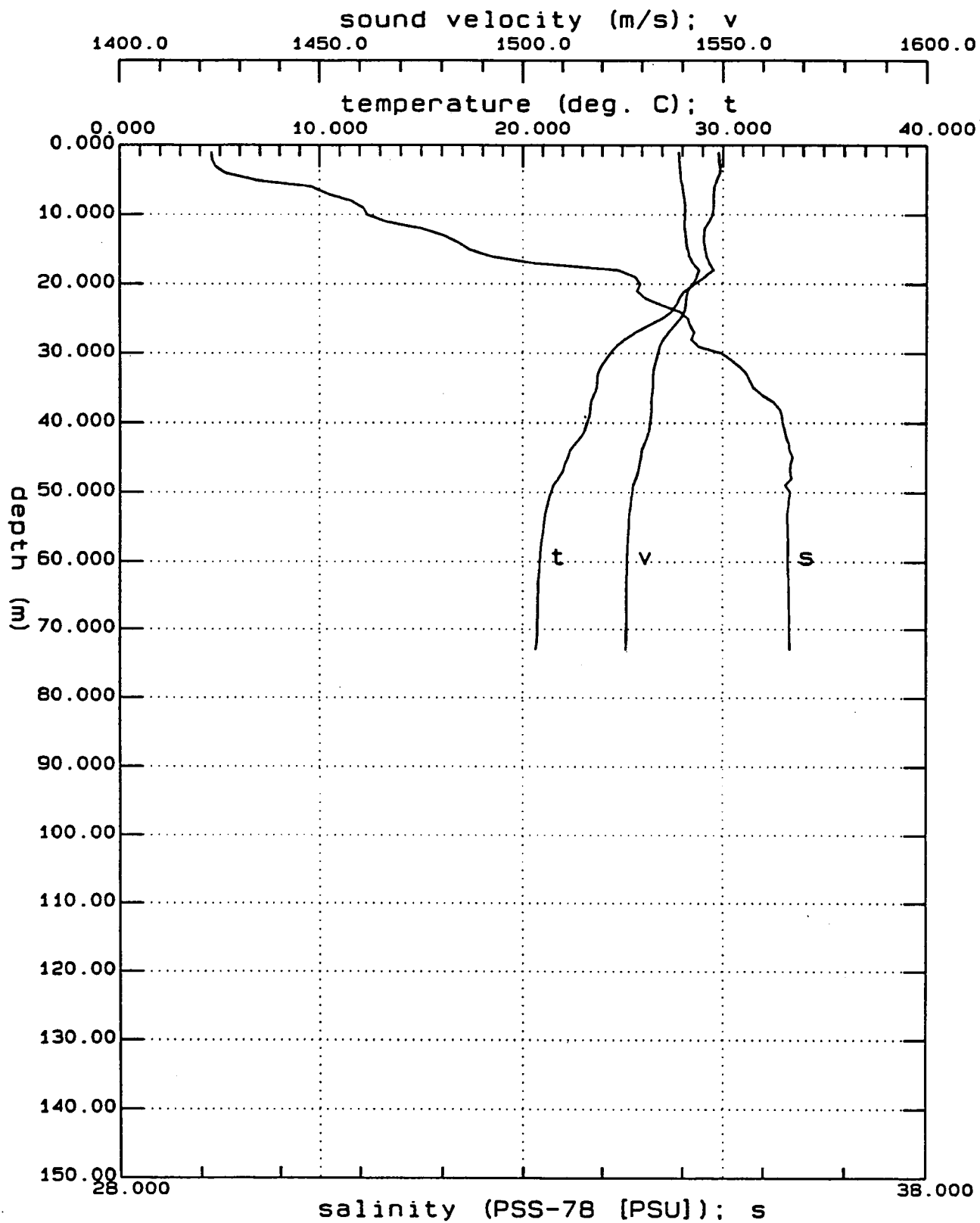
13-134.CNV: Gulfcet Cruise 06



14-135.CNV: Gulfcet Cruise 06

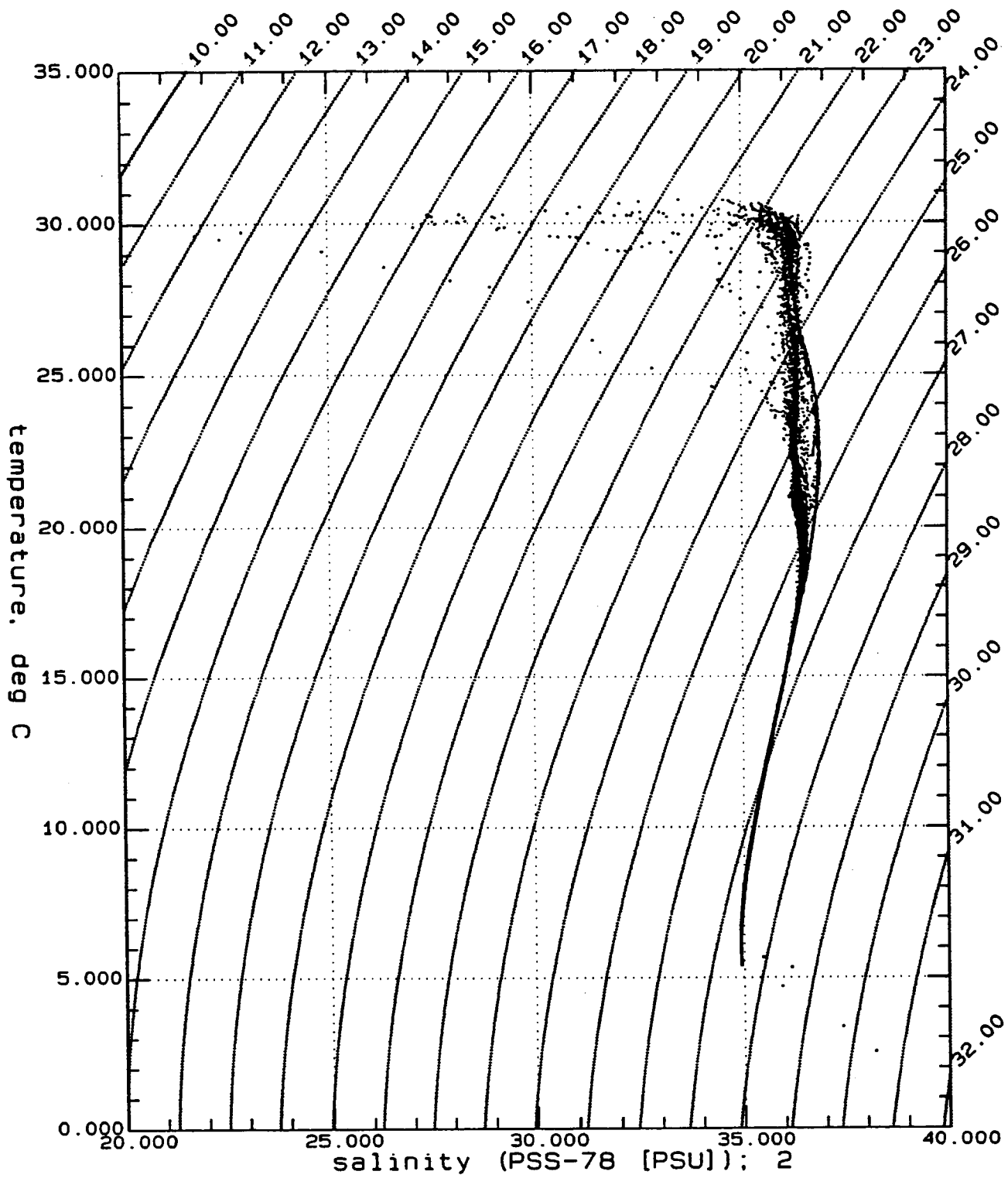


14-136.CNV: Gulfcet Cruise 06

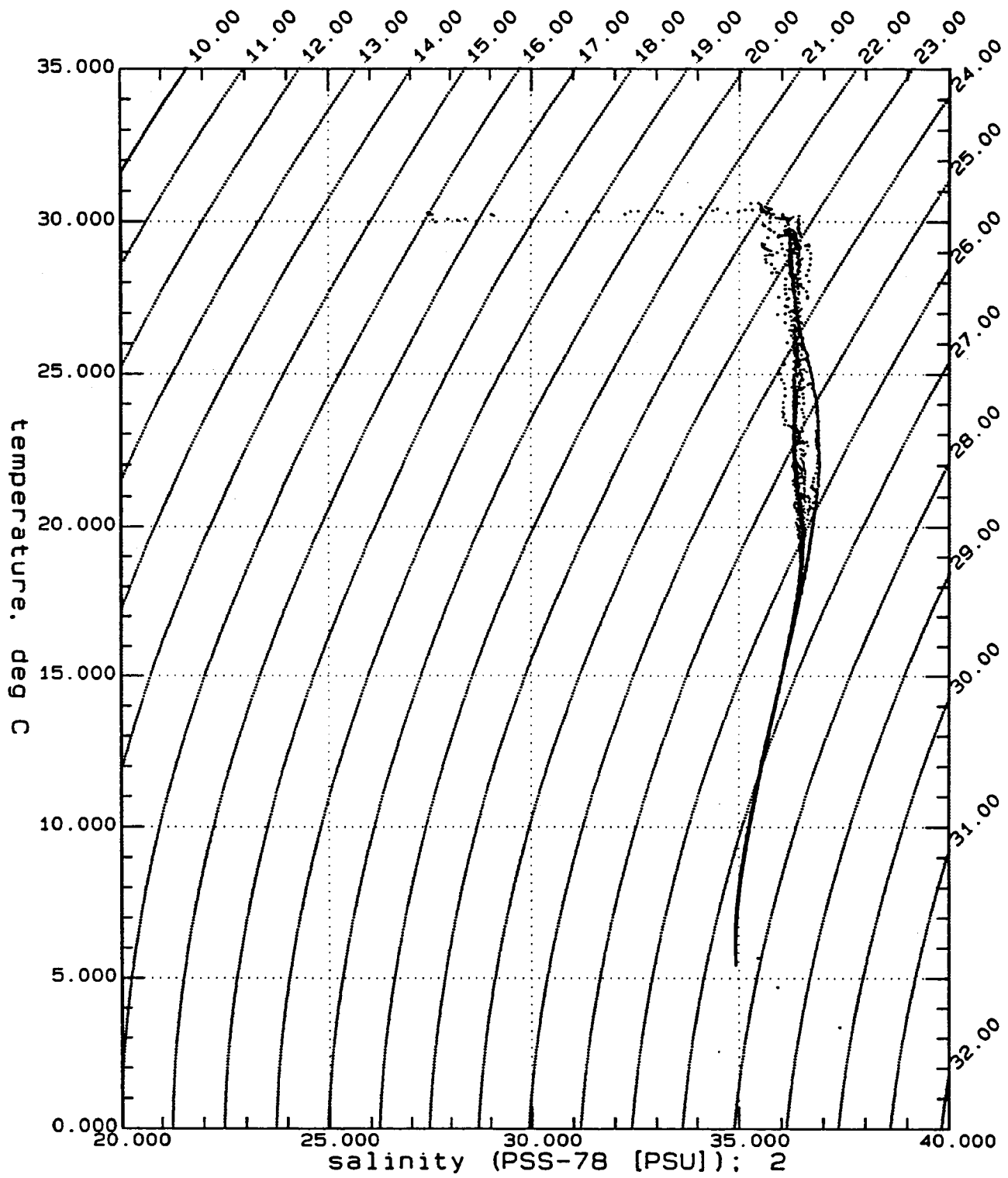


14-143.CNV: Gulfcet Cruise 06

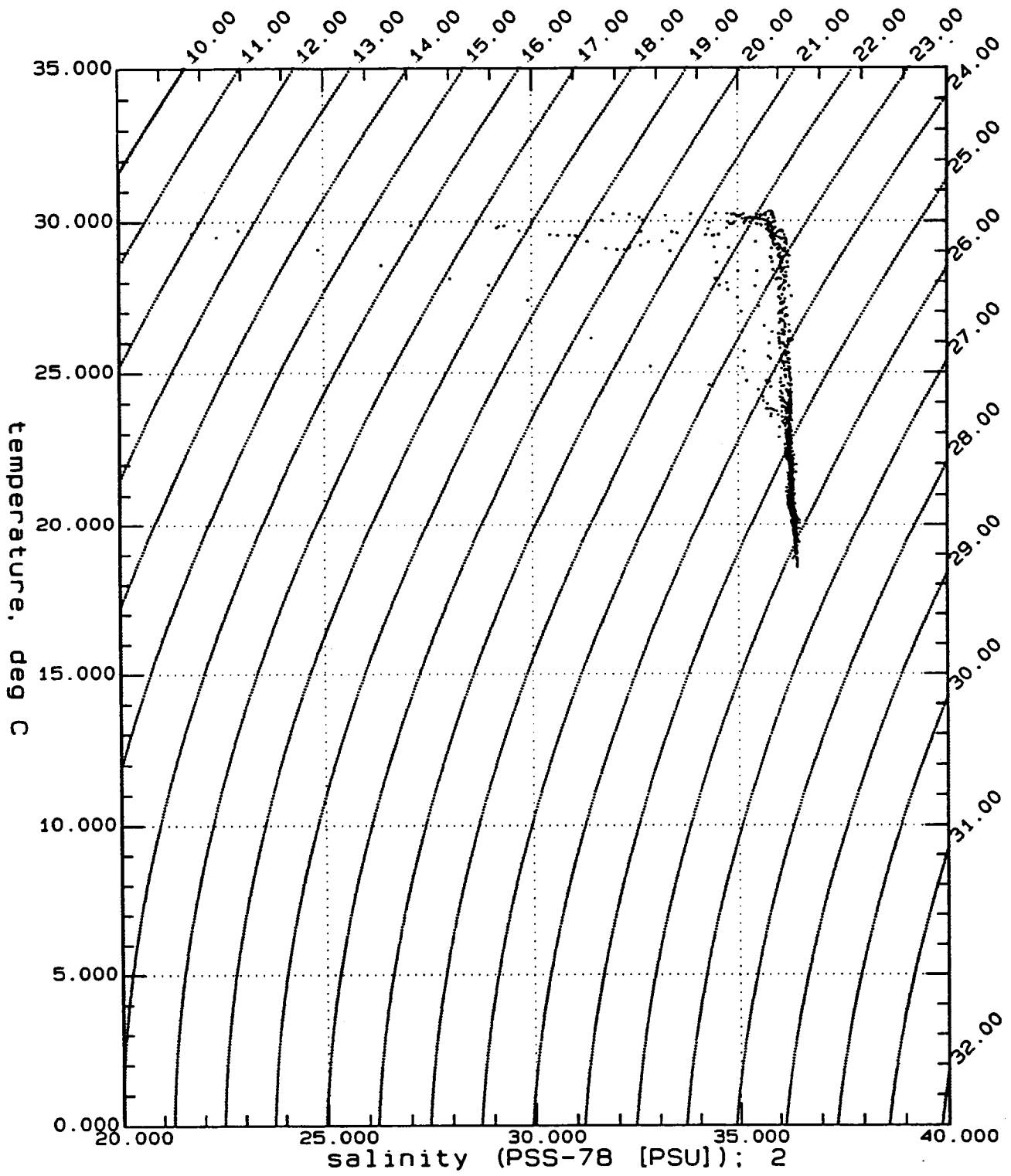
7.6 T-S Plots



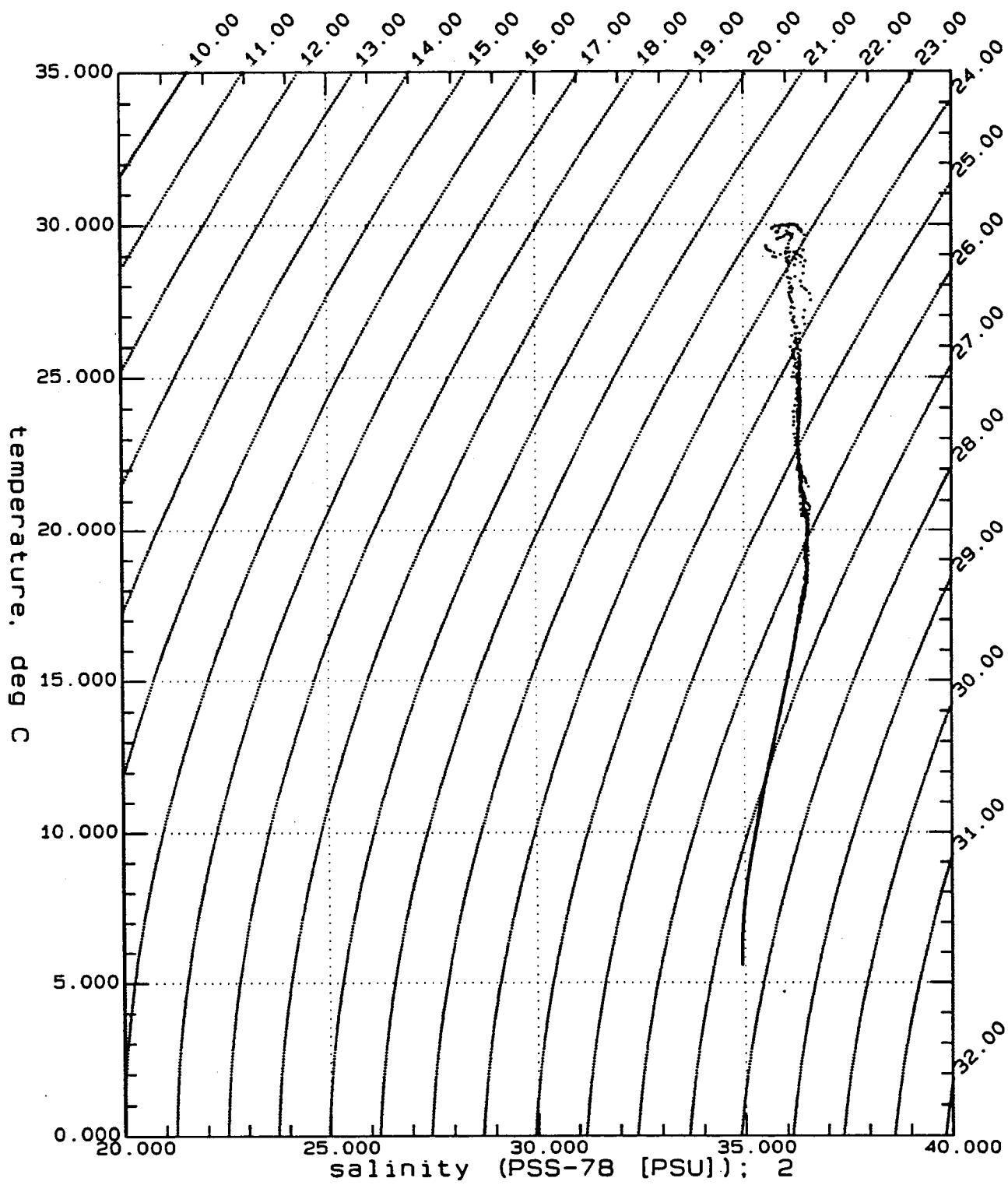
Gulfcet Cruise 06 - All Stations



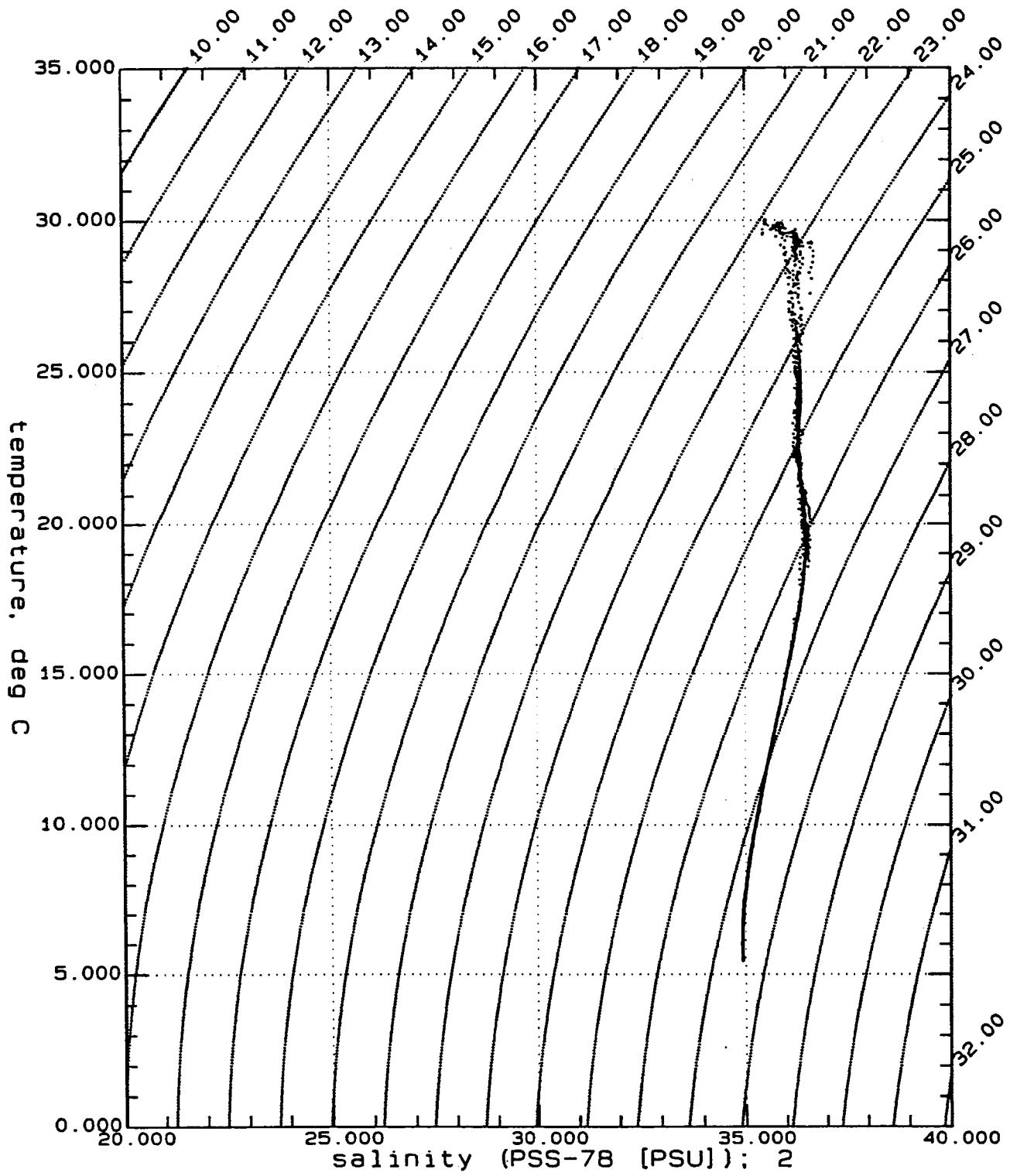
Gulfcet Cruise 06 - Offshore Stations



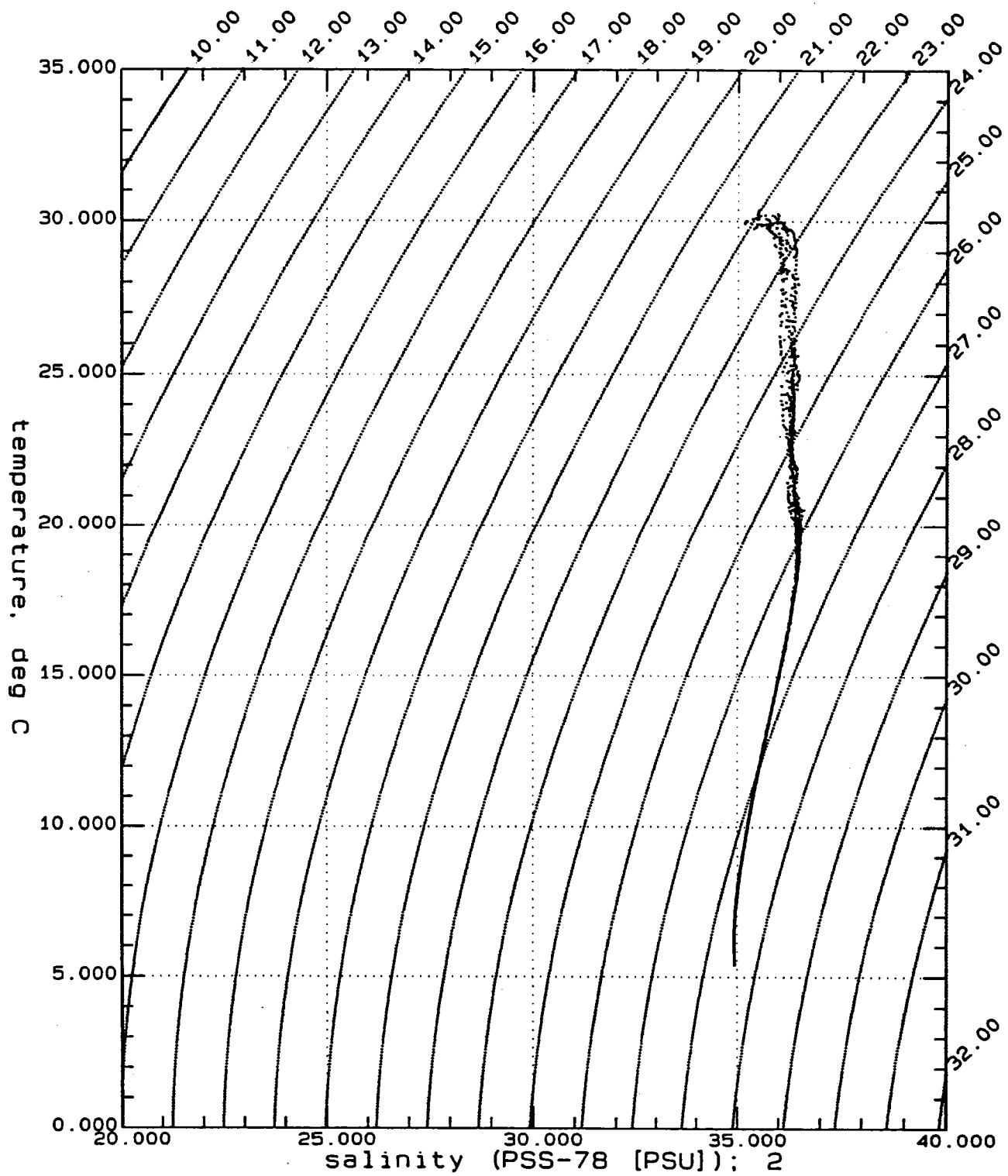
Gulfcet Cruise 06 - Inshore Stations



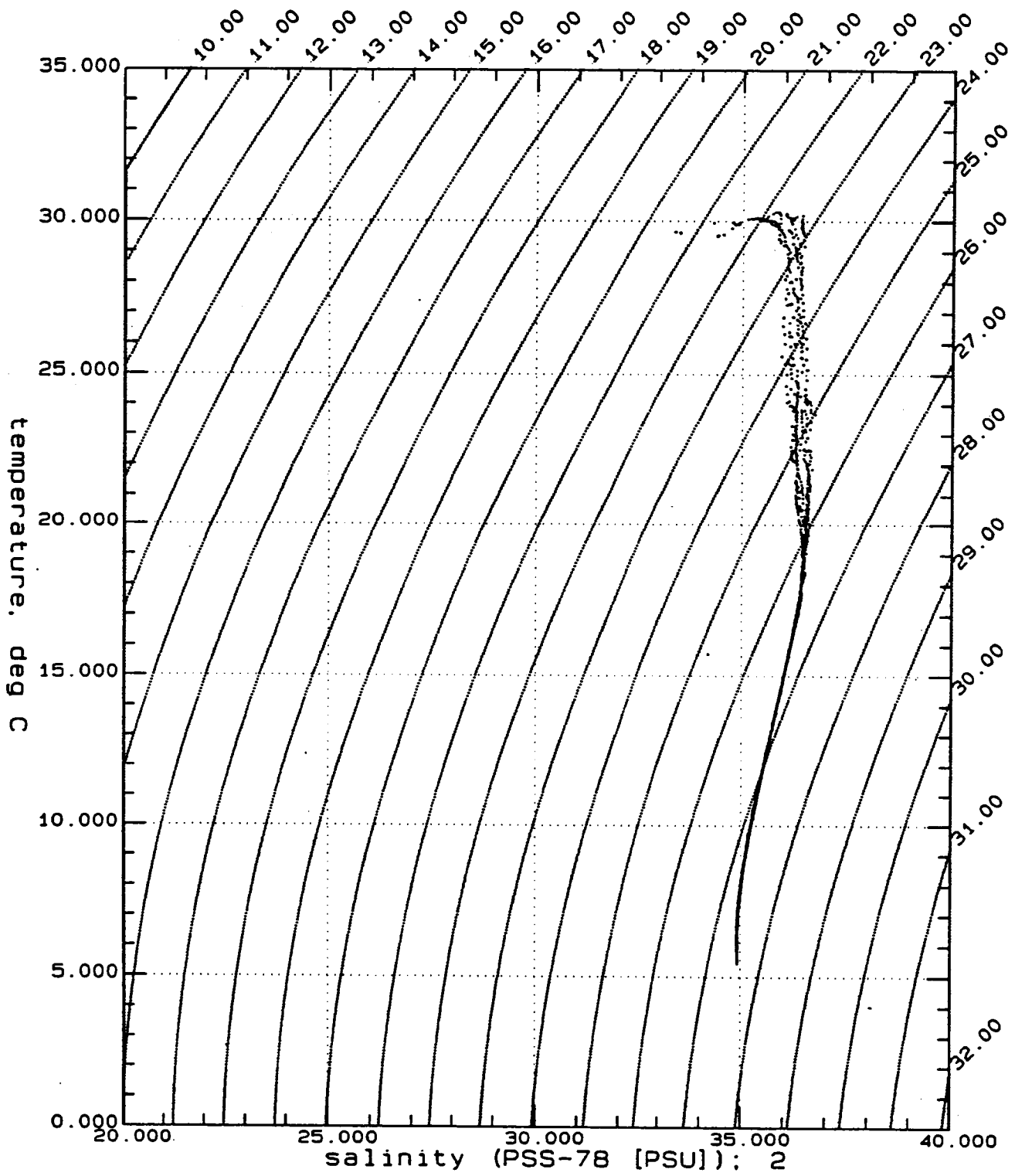
Gulfcet Cruise 06 - Lines 03 and 04



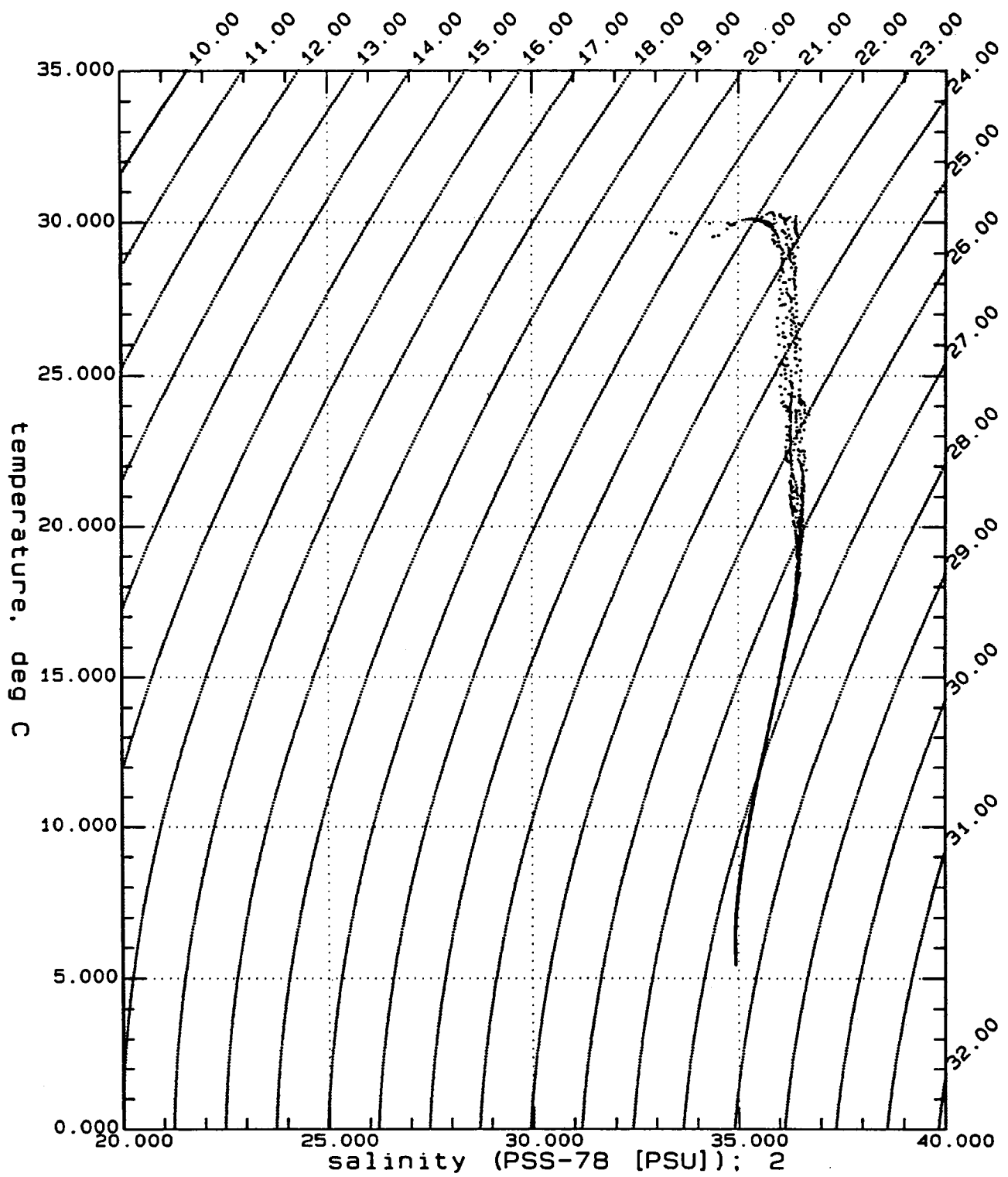
Gulfcet Cruise 06 - Lines 05 and 06



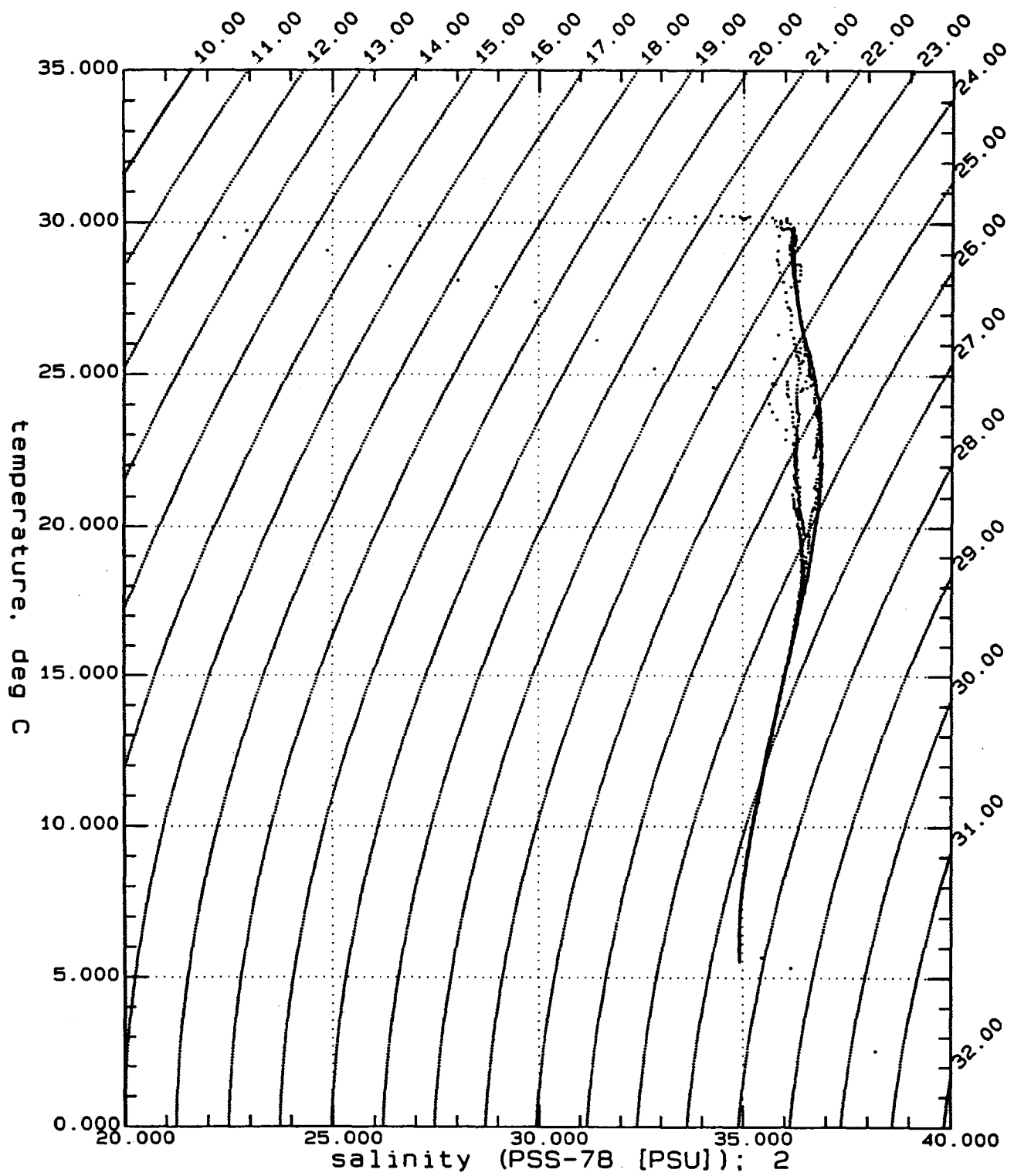
Gulfcet Cruise 06 - Lines 07 and 08



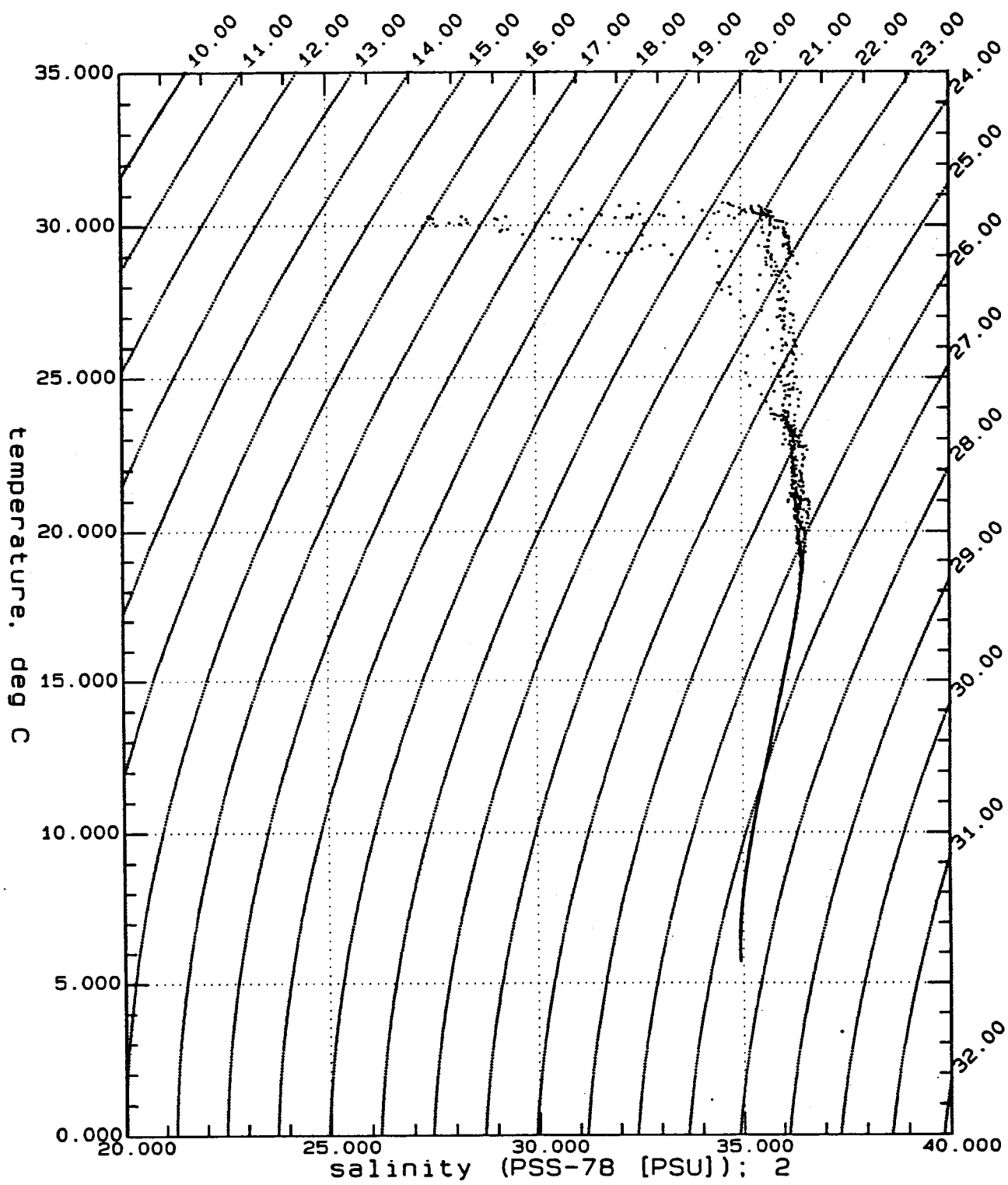
Gulfcet Cruise 06 - Lines 09 and 10



Gulfcet Cruise 06 - Lines 09 and 10



Gulfcet Cruise 06 - Lines 11 and 12



Gulfcet Cruise 06 - Lines 13 and 14

7.7 Salinity Data and Fresh Water Fraction

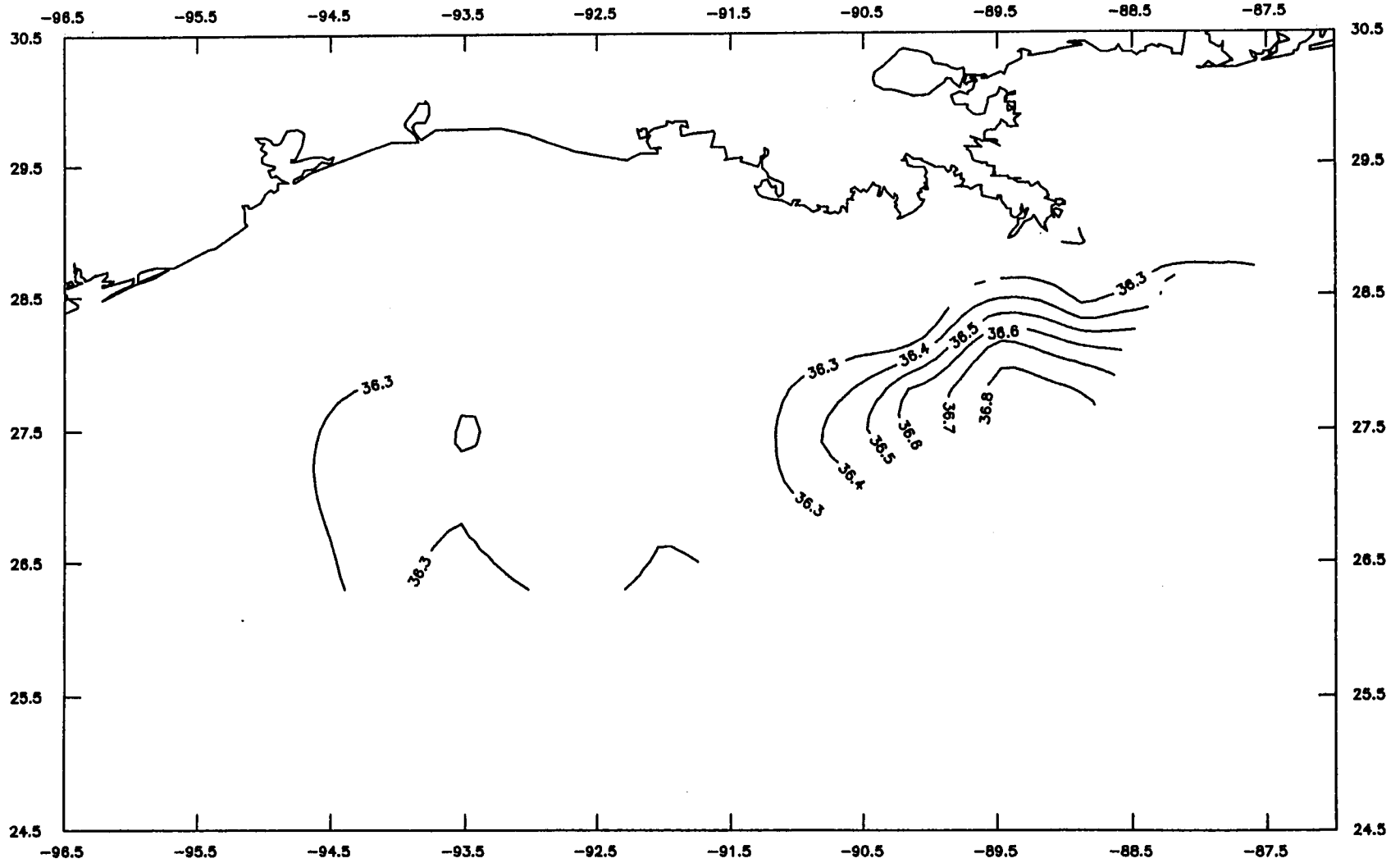
Data Summary Tables

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

Salinity (PSU) at Reference Density 25

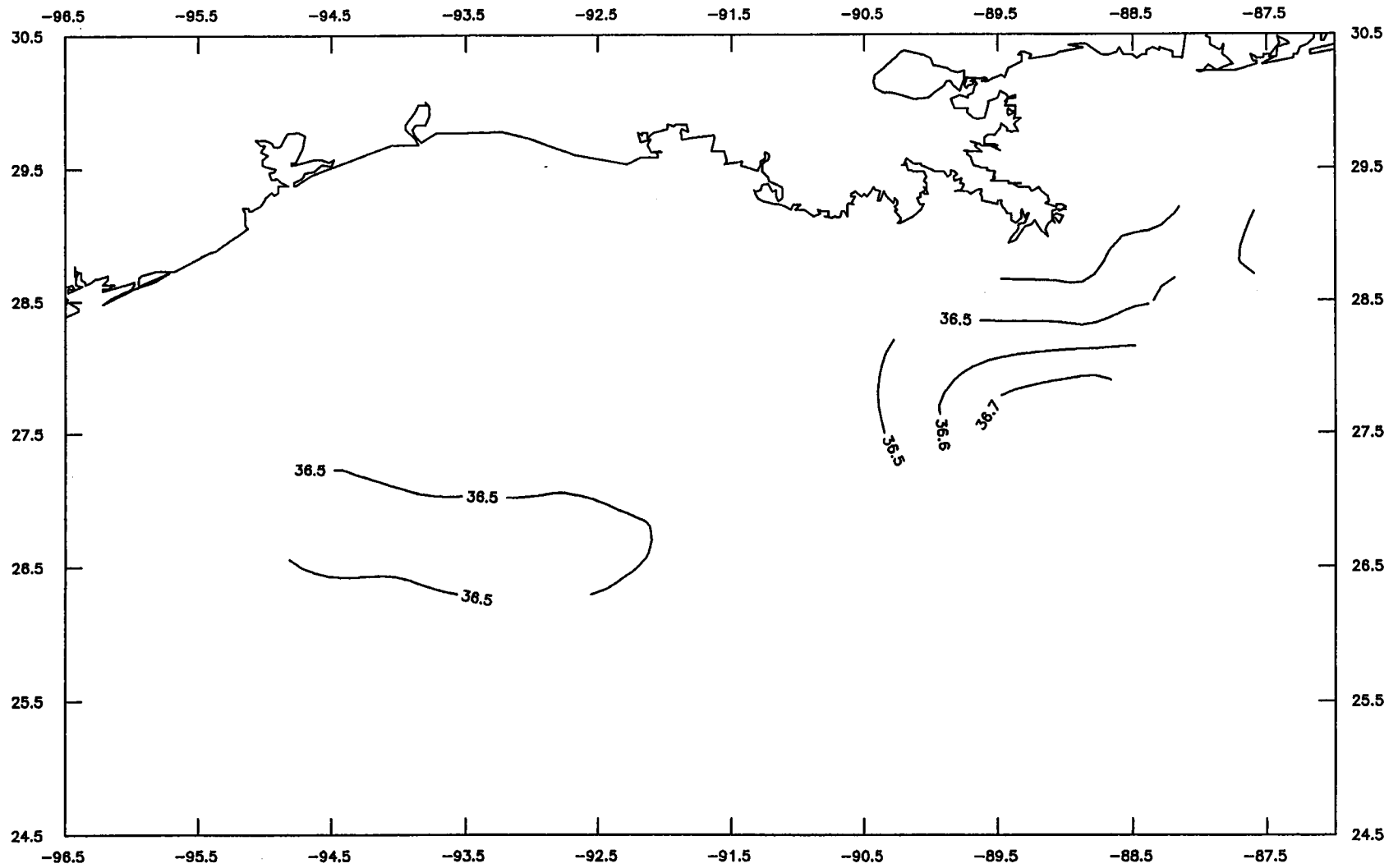
GulfCet 06

198



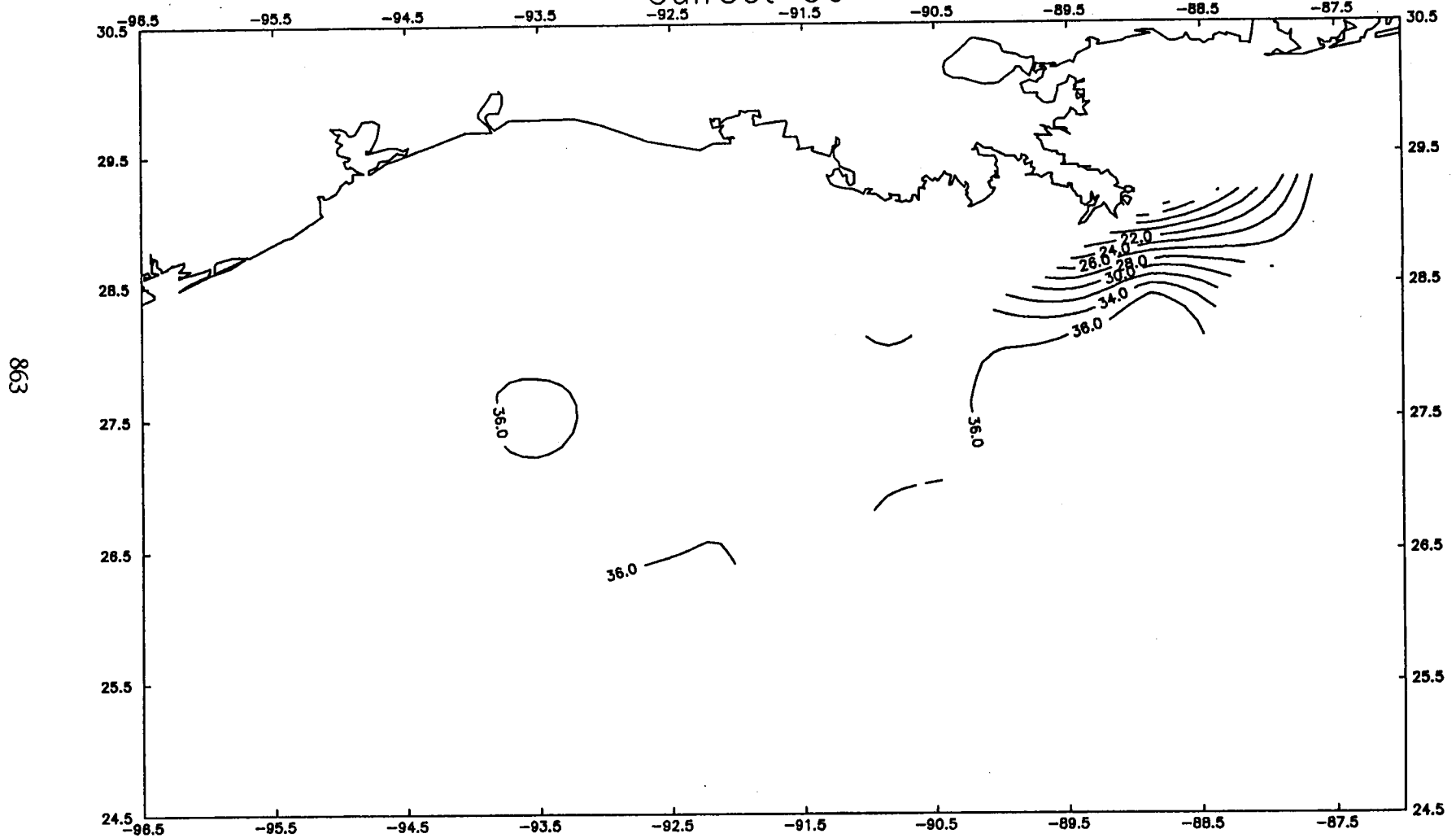
Salinity (PSU) at Reference Density 26

GulfCet 06



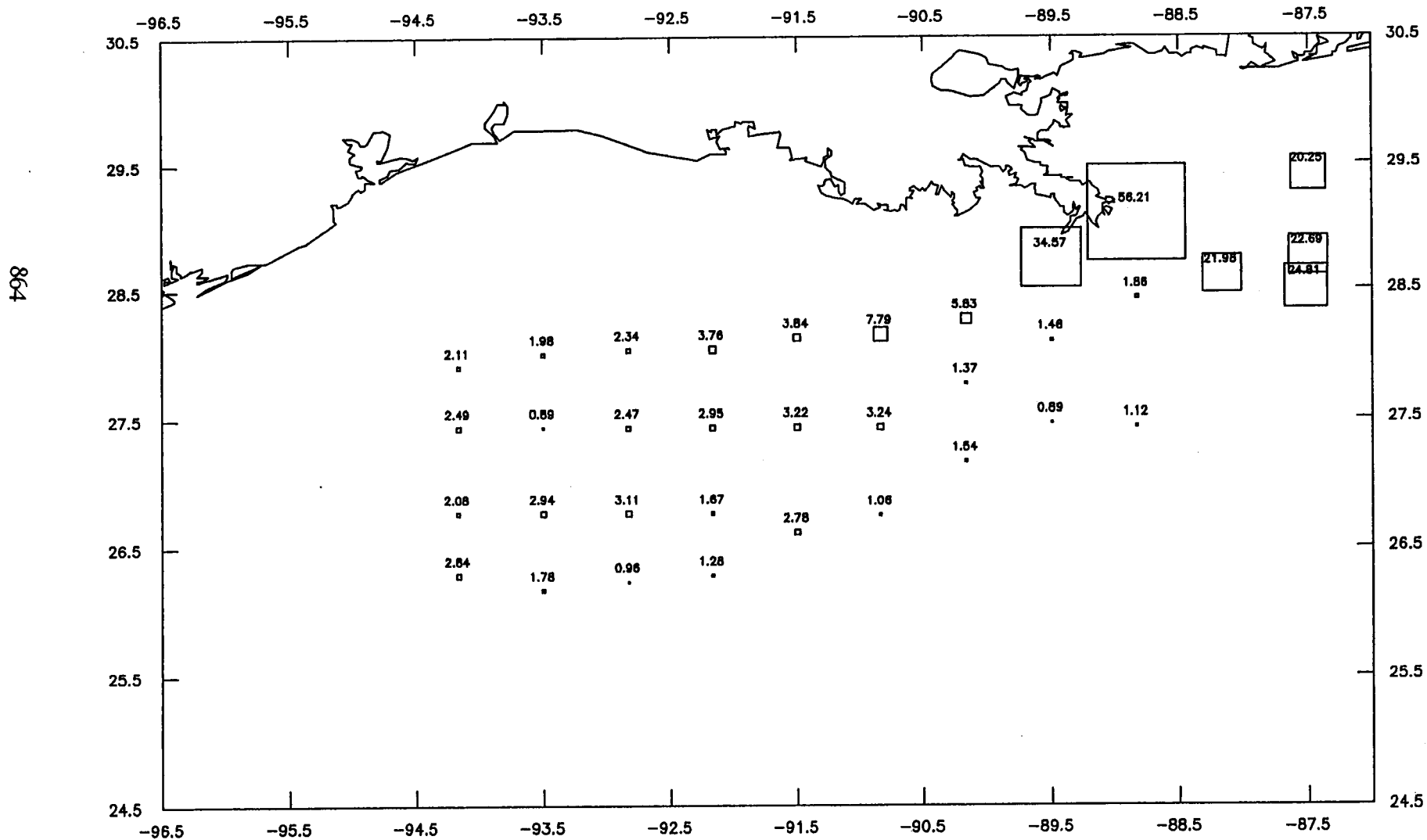
CTD Surface Salinity (PSU)

GulfCet 06



Fresh Water Fraction (%)

GulfCet 06

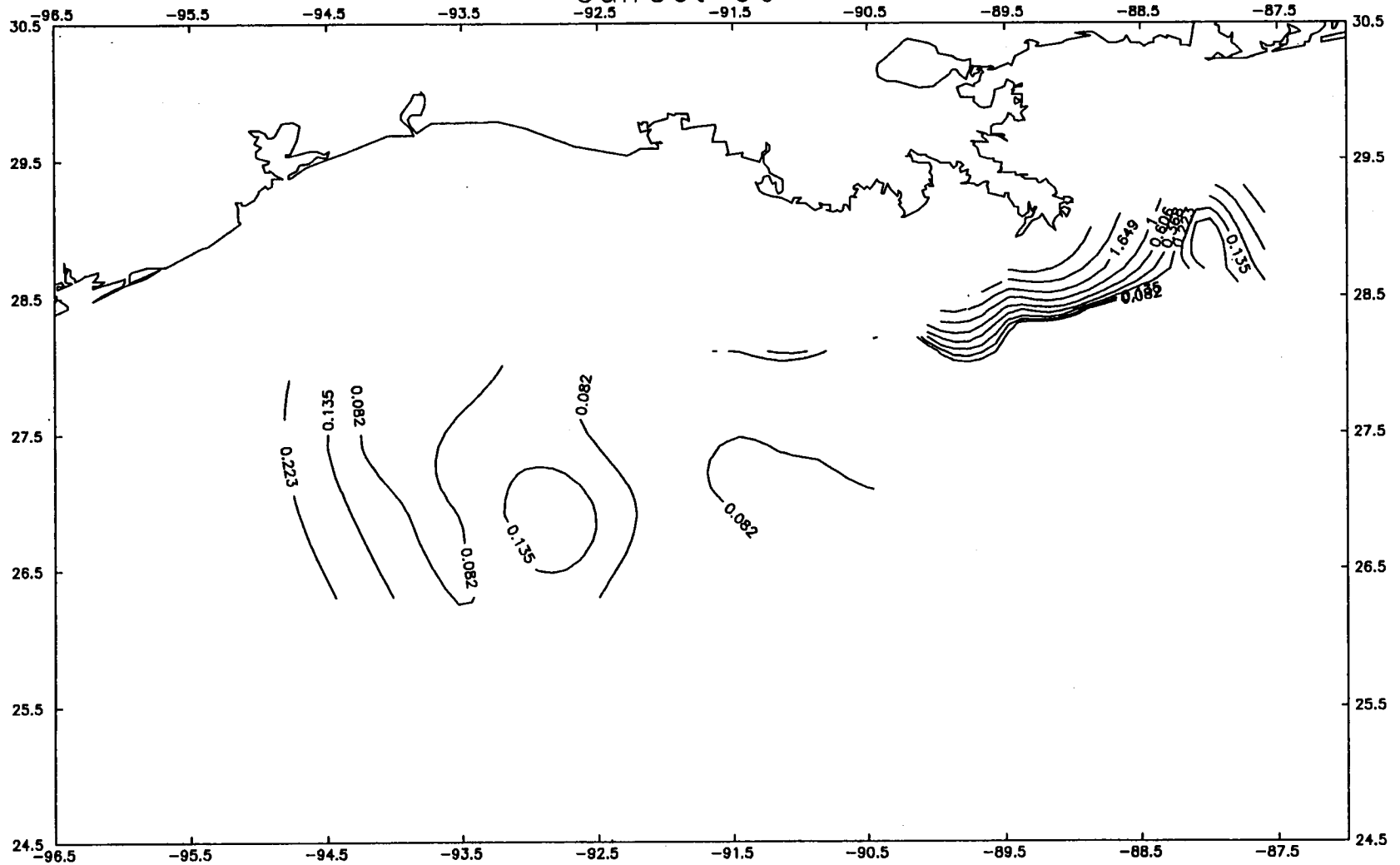


7.8 Chlorophyll Data

Surface Chla (mg/m³)

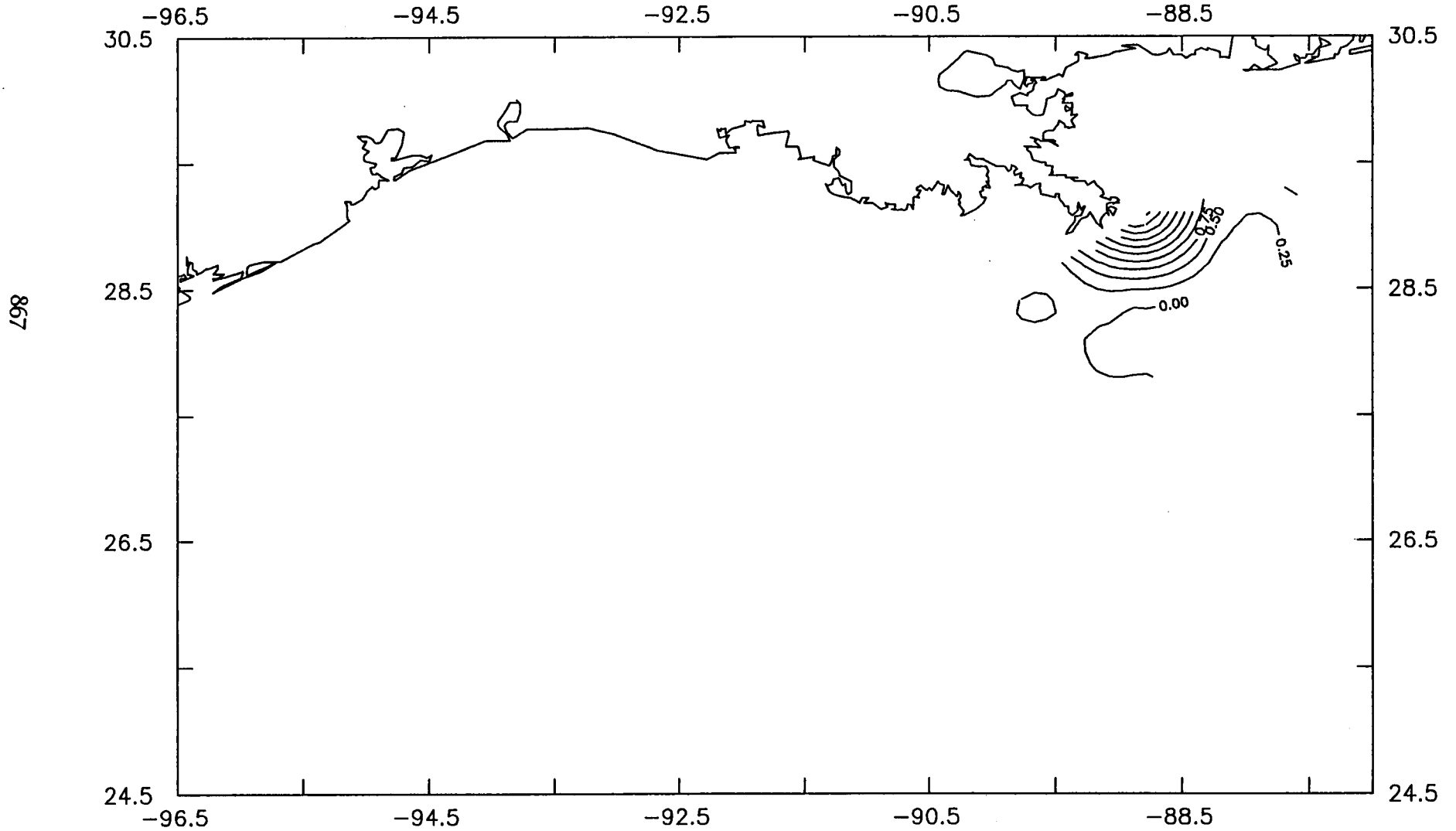
GulfCet 06

866



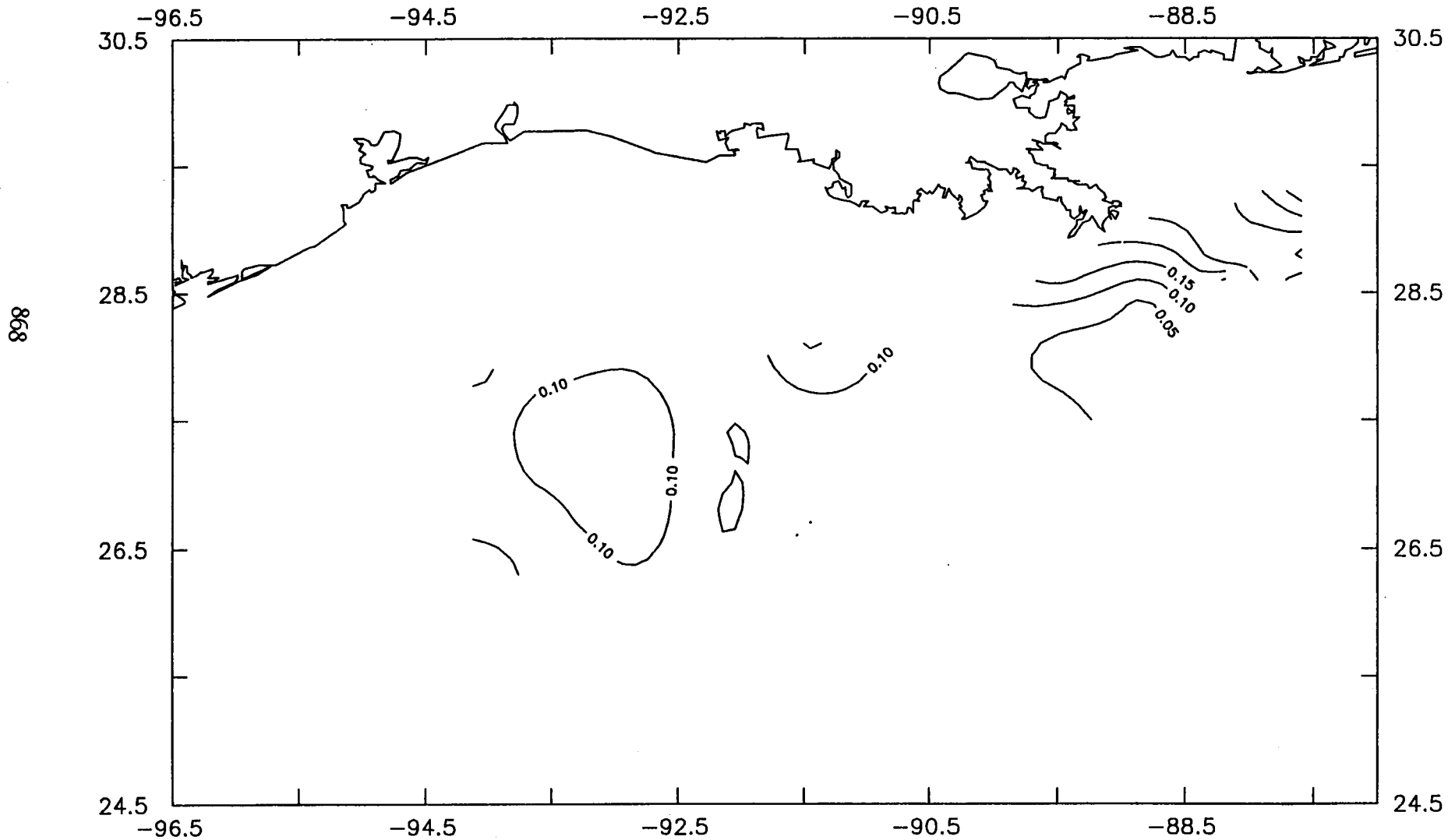
Chla.(mg/m³) at 10 m

GulfCet 06



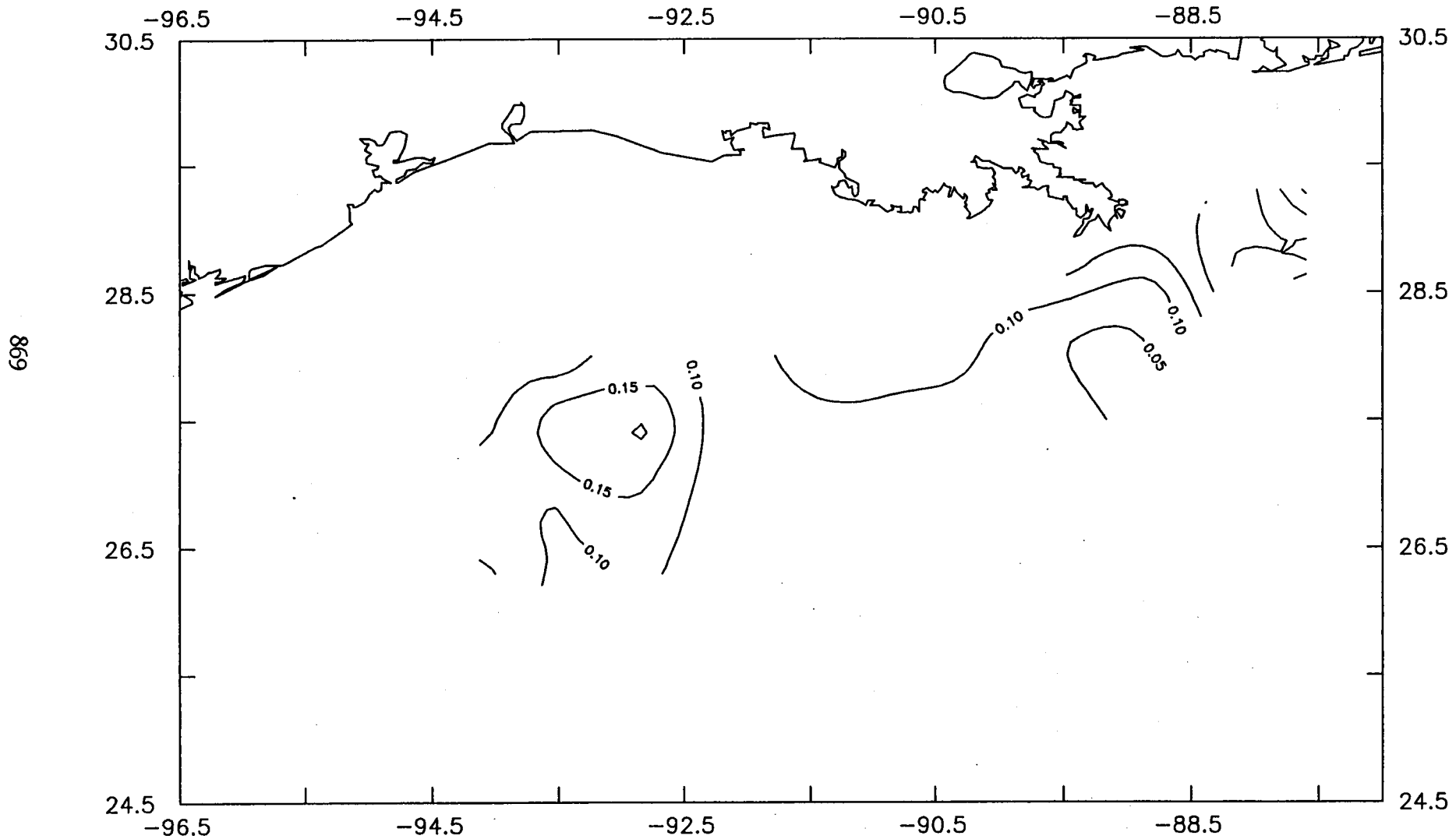
Chla.(mg/m³) at 20 m

GulfCet 06



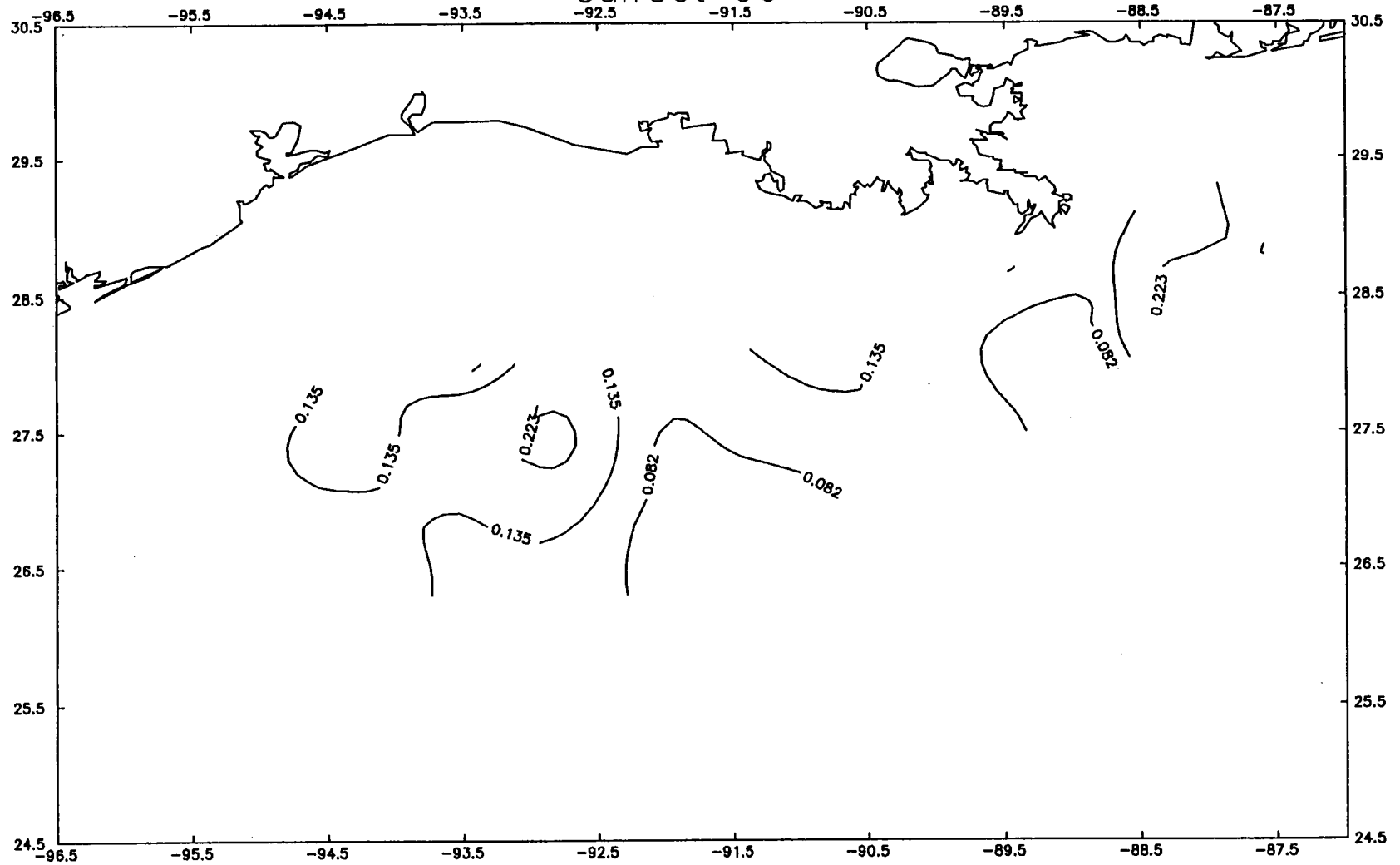
Chla.(mg/m³) at 30 m

GulfCet 06

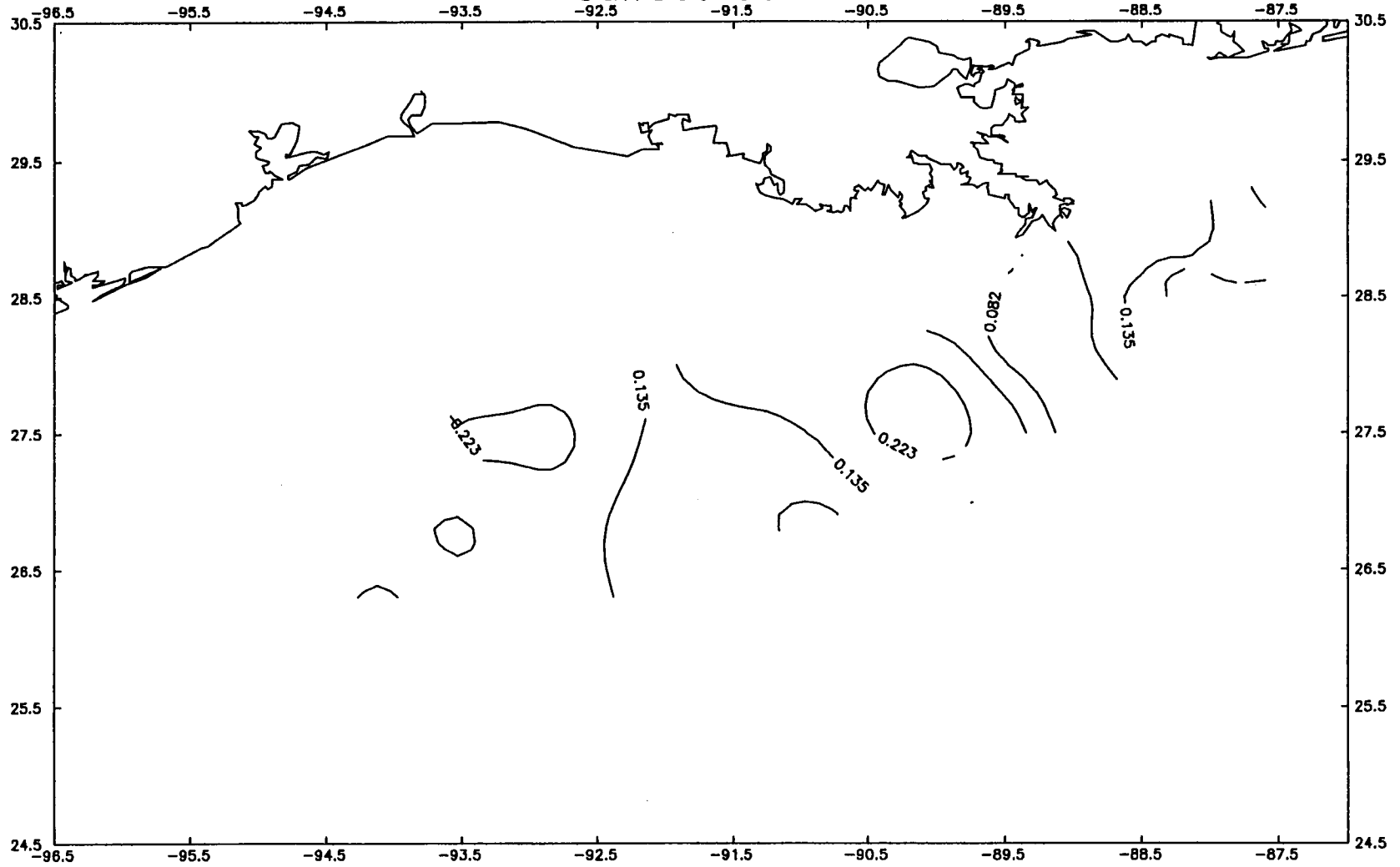


Chla (mg/m³) at 40 meters

GulfCet_06



Chla (mg/m^3) at 50 meters
GulfCet 06

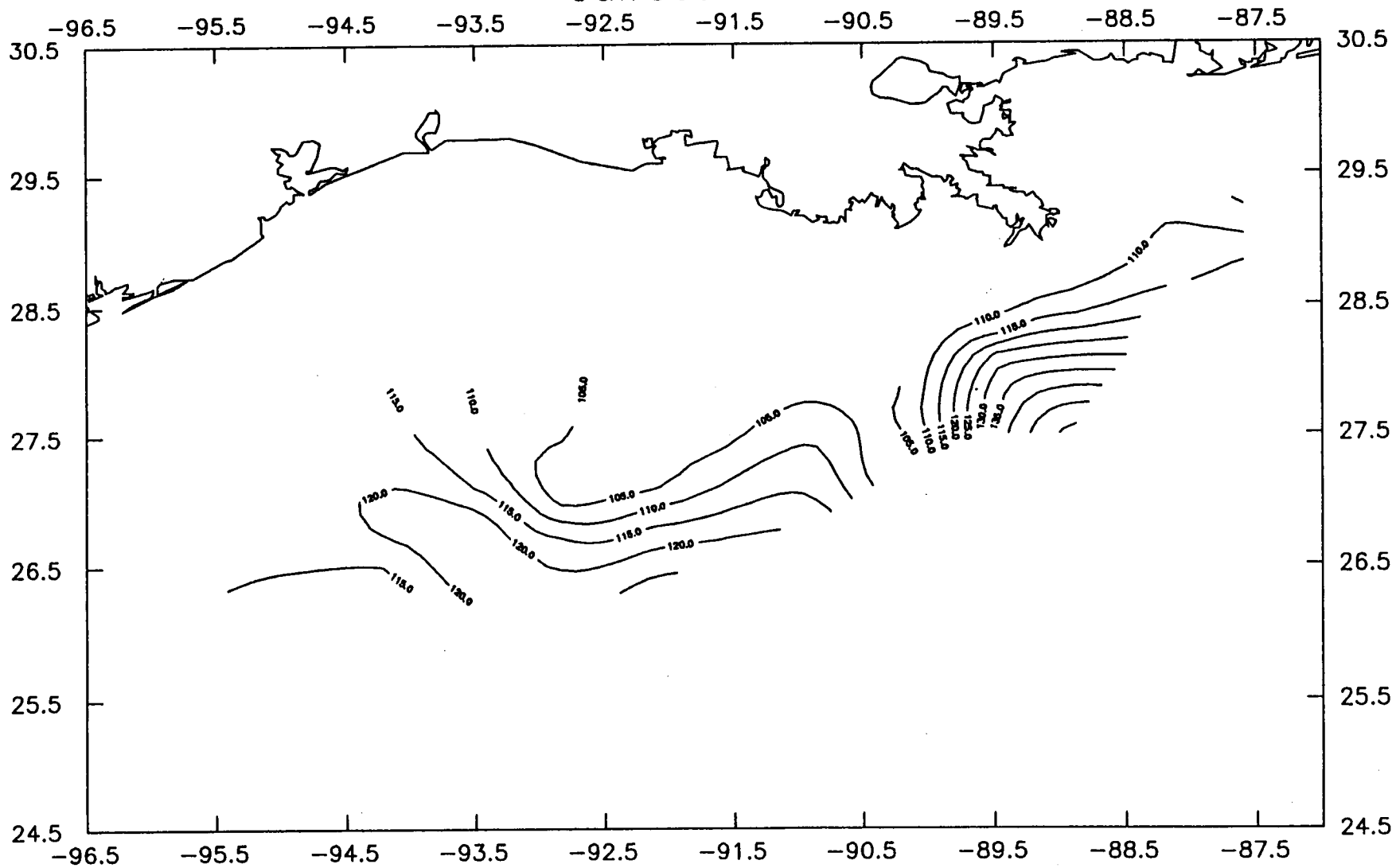


7.9 Dynamic Height Plots

Surface Dynamic Height (dyn cm.)

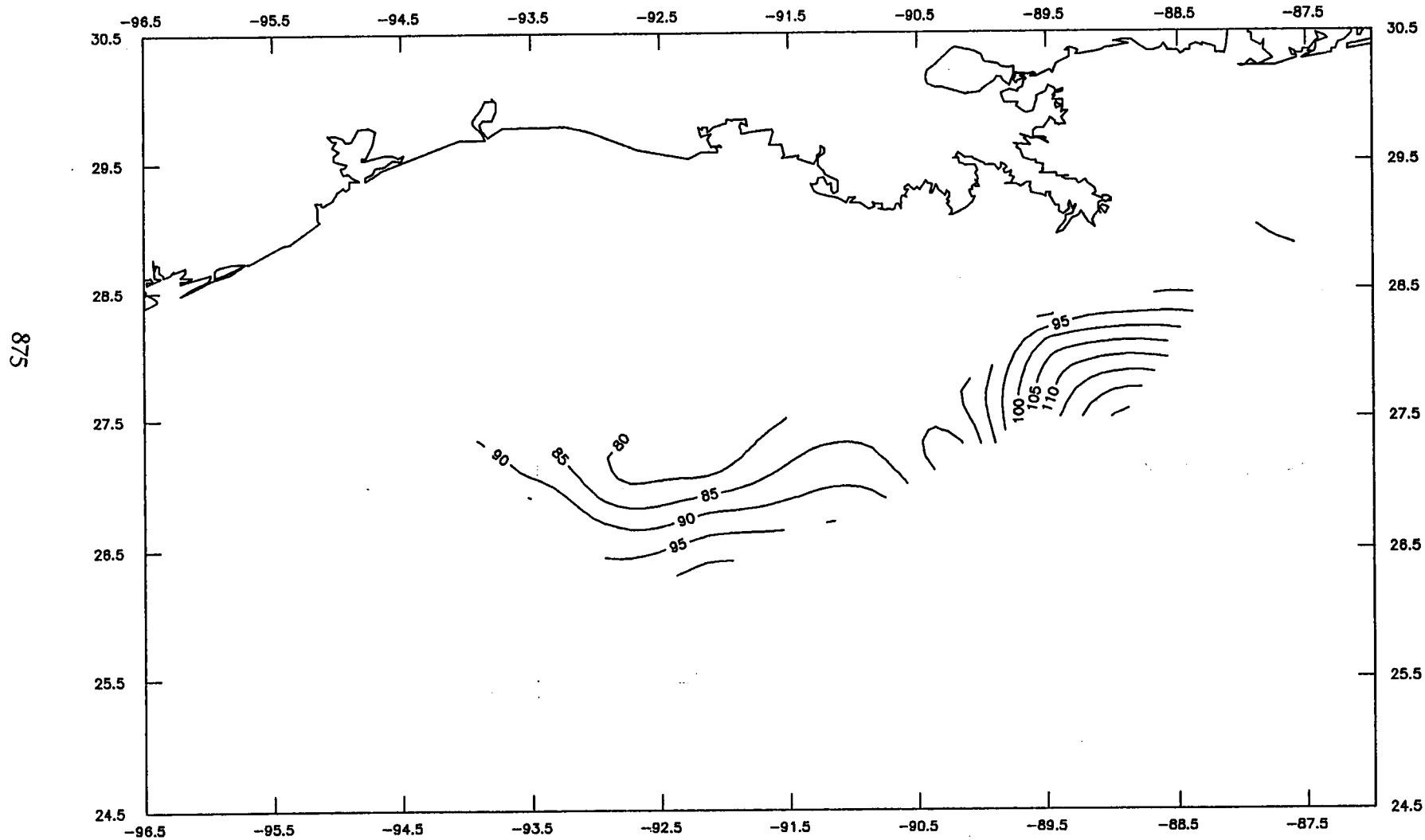
GulfCet 06

874

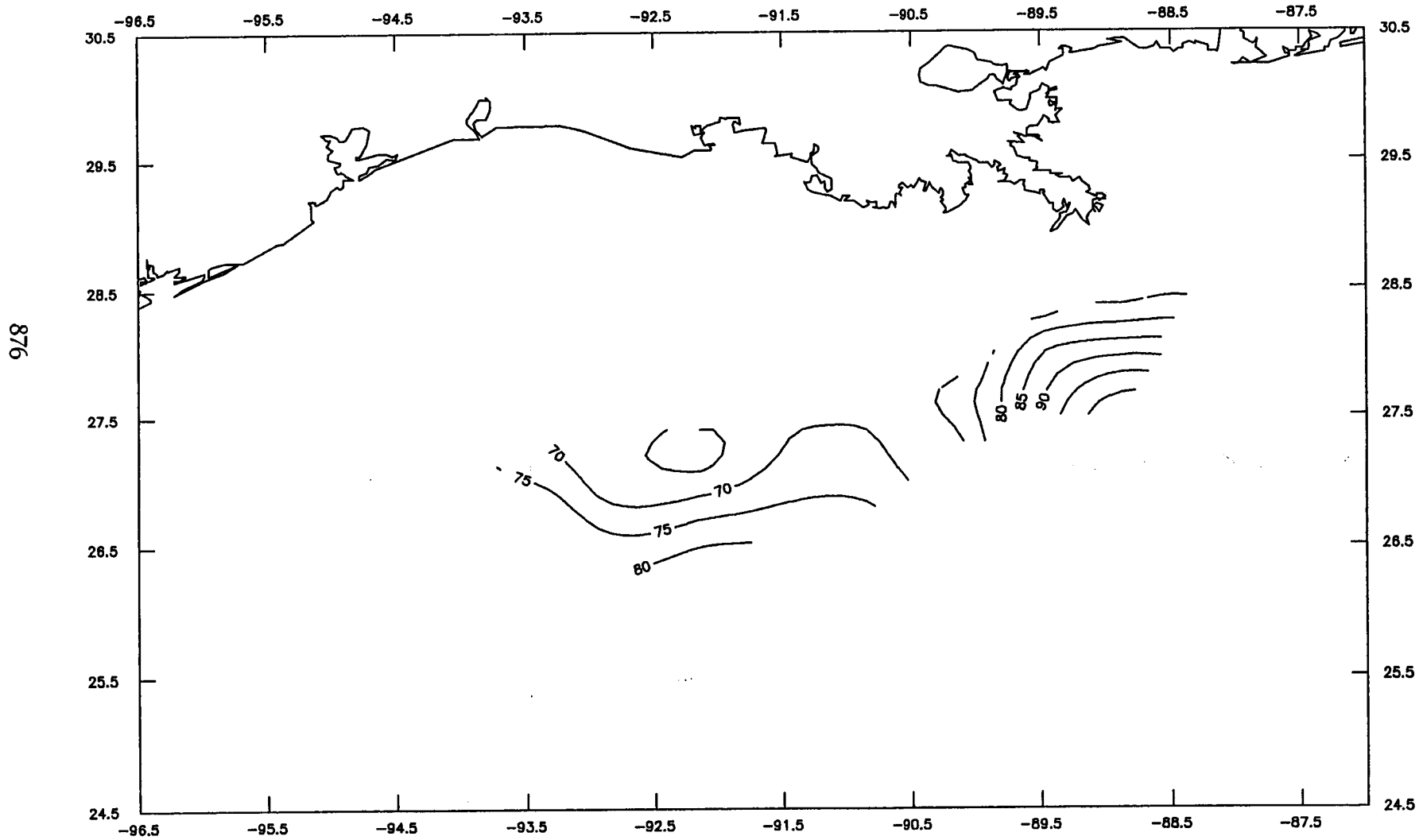


Dynamic Height (dyn.cm) 50m

GulfCet 06

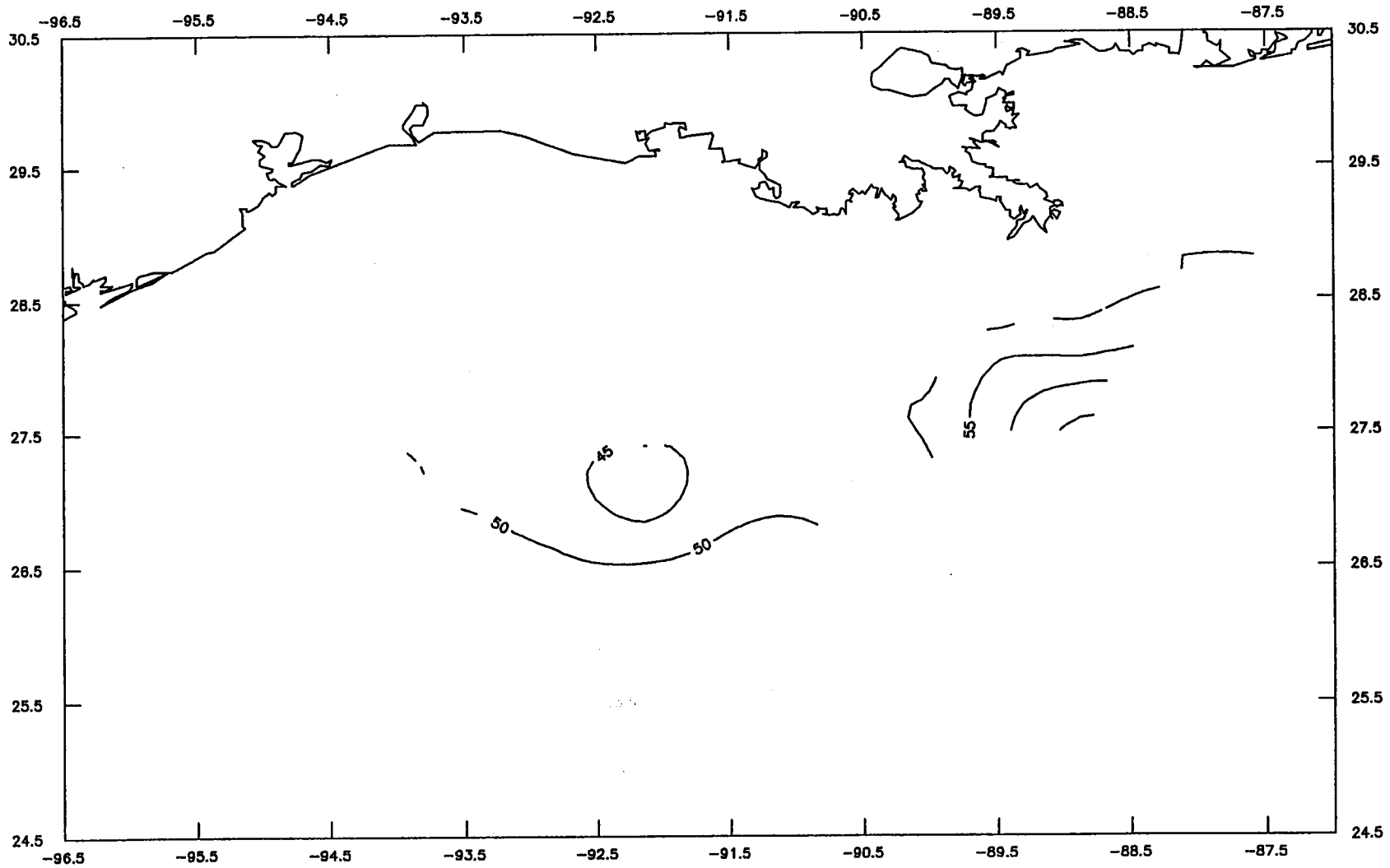


Dynamic Height (dyn.cm) 100m GulfCet 06

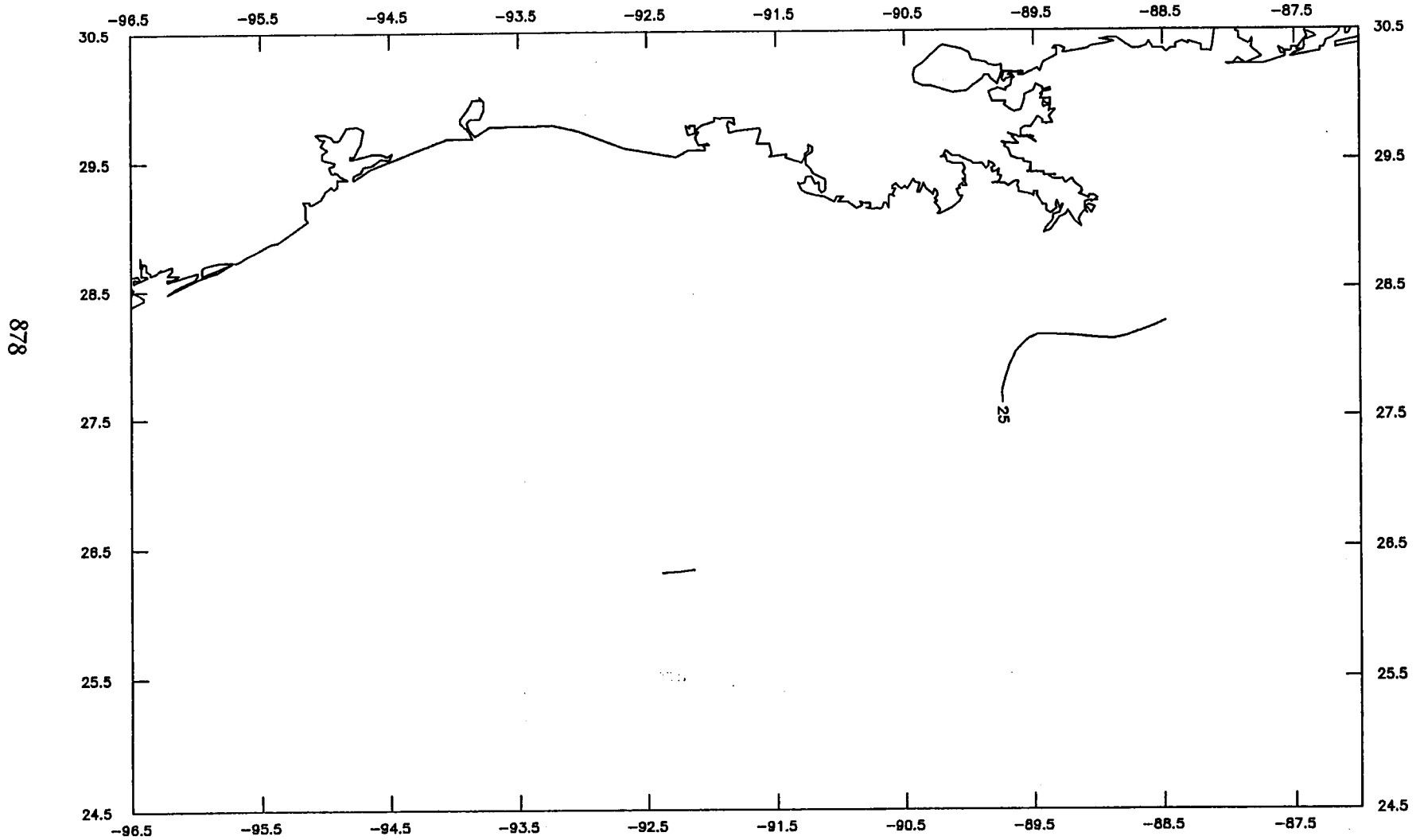


Dynamic Height (dyn.cm) 250m GulfCet 06

877

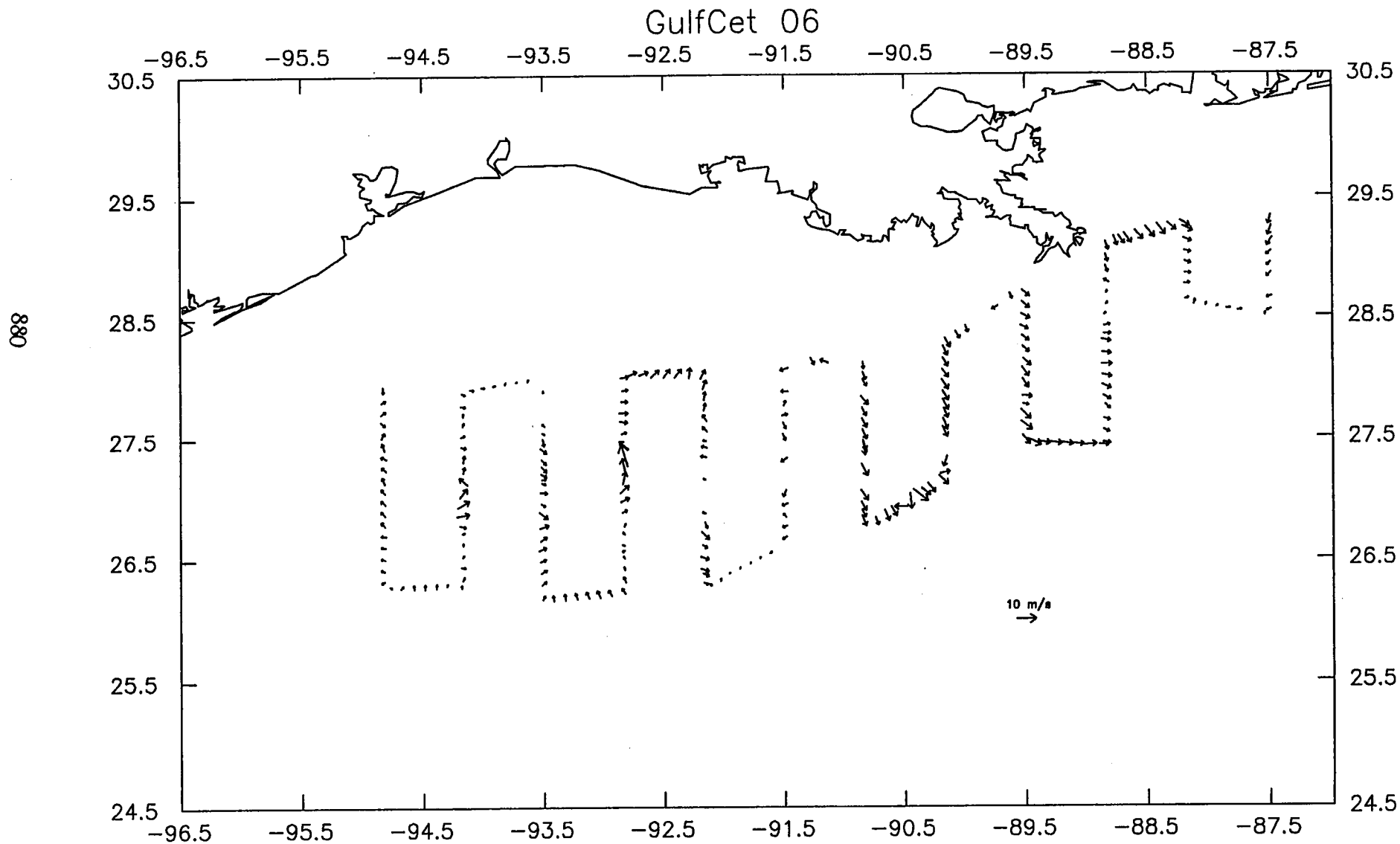


Dynamic Height (dyn.cm) 500m
GulfCet 06



7.10 Wind Speed and Direction Plot

Wind Speed and Direction



VIII. TIO CRUISE 7

8.1 Personnel

TIO Cruise 07 Personnel:

Ship's Captain:

Chris Riffe, *R/V Pelican*

Chief Scientist:

Jeff Norris

TAMU, Research Associate

Scientific Staff:

Tom Jefferson

TAMU, Graduate Student

Bill Stevens

Volunteer

Troy Sparks

TAMU, Graduate Student

Andy Schiro

Volunteer

David Weller

TAMU, Graduate Student

Kathleen Dudzinski

TAMU, Graduate Student

Logan Respass

TAMUG, Marine Technician

David Brandon

TAMUG, Computer

Programmer

Natalie Clauss

TAMU, Student

Shane Kanatous

TAMU, Graduate Student

Ted Engelhardt

TAMUG, Clerk

Alan Baldrige

Volunteer

Tricia Crowell

TAMU, Graduate Student

TIO 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

8.2 Expendable Bathythermograph (XBT) Data

Cruise 7 XBT Stations and Probe Types

XBT station	Date	Start time	Latitude (north)	Longitude (west)	Probe type	XBT station	Date	Start time	Latitude (north)	Longitude (west)	Probe type
05-049	12 Dec 93	0823	27°06.04'	93°30.14'	T-7	10-099	08 Dec 93	0318	27°40.01'	90°09.85'	T-7
05-051	12 Dec 93	0434	26°43.13'	93°29.90'	T-7	10-101	08 Dec 93	0117	27°49.99'	90°09.93'	T-7
05-B09	12 Dec 93	0140	26°26.00'	93°29.94'	T-7	10-102*	07 Dec 93	2332	28°02.00'	90°10.07'	T-7
06-EX7	11 Dec 93	1536	26°29.78'	92°50.06'	T-7	10-103	07 Dec 93	2314	28°04.02'	90°10.09'	T-7
06-EX6	11 Dec 93	1152	26°51.37'	92°49.66'	T-7	10-104	07 Dec 93	2227	28°09.50'	90°09.98'	T-10
06-EX5	11 Dec 93	1035	26°58.96'	92°49.58'	T-7	11-EX3	07 Dec 93	1415	28°32.31'	89°30.11'	T-7
06-B08	11 Dec 93	1533	26°30.09'	92°50.06'	T-7	11-EX2	07 Dec 93	0650	27°45.50'	89°29.78'	T-7
06-B07	11 Dec 93	0953	27°04.18'	92°49.65'	T-7	11-EX1	07 Dec 93	0530	28°37.81'	89°29.99'	T-10
06-058	11 Dec 93	0748	27°18.94'	92°50.00'	T-7	11-107	07 Dec 93	1446	28°35.99'	89°30.14'	T-7
06-060	11 Dec 93	0447	27°34.46'	92°50.10'	T-7	11-108	07 Dec 93	1412	28°32.00'	89°30.11'	T-7
06-061	11 Dec 93	0352	27°40.99'	92°50.17'	T-7	11-109	07 Dec 93	1338	28°28.03'	89°30.07'	T-7
06-062	11 Dec 93	0335	27°42.99'	92°50.12'	T-7	11-110	07 Dec 93	1243	28°21.53'	89°30.04'	T-7
06-063	11 Dec 93	0201	27°54.45'	92°49.97'	T-10	11-111	07 Dec 93	1151	28°15.00'	89°30.02'	T-7
07-066	10 Dec 93	1917	27°52.99'	92°09.96'	T-10	11-B02	07 Dec 93	0744	27°52.00'	89°30.03'	T-7
07-067	10 Dec 93	1909	27°52.00'	92°09.91'	T-7	11-113	07 Dec 93	0534	27°38.14'	89°29.98'	T-7
07-068*	10 Dec 93	1806	27°44.94'	92°10.05'	T-7	12-B01	06 Dec 93	1628	28°00.01'	88°50.08'	T-7
07-068	10 Dec 93	1809	27°45.19'	92°10.01'	T-7	12-118	06 Dec 93	1426	28°14.28'	88°50.15'	T-7
07-069	10 Dec 93	1654	27°37.00'	92.09.96'	T-7	12-120	06 Dec 93	0932	28°43.49'	88°49.90'	T-7
07-070	10 Dec 93	1547	27°29.48'	92.09.89'	T-7	12-121	06 Dec 93	0903	28°46.99'	88°50.00'	T-7
07-072	10 Dec 93	1200	27°09.99'	92°10.03'	T-7	12-122	06 Dec 93	0812	28°53.00'	88°89.95'	T-7
07-B06	10 Dec 93	0541	26°31.03'	92°10.03'	T-7	12-123	06 Dec 93		28°55.48'	88°49.95'	T-7
08-B05	09 Dec 93	1757	27°00.00'	91°30.00'	T-7	12-124	06 Dec 93	0711	29°00.00'	88°49.96'	T-10
08-079	09 Dec 93	1429	27°22.98'	91°29.90'	T-7	13-127	06 Dec 93	0131	29°13.01'	88°10.00'	T-10
08-081	09 Dec 93	1211	27°32.92'	91°29.87'	T-7	13-128	06 Dec 93	0110	29°10.50'	88°09.97'	T-7
08-082	09 Dec 93	1027	27°45.31'	91°30.00'	T-7	13-129	06 Dec 93	0054	29°08.52'	88°10.10'	T-7
08-083	09 Dec 93	0951	27°49.51'	91°29.98'	T-7	13-130	06 Dec 93	0024	29°05.00'	88°10.02'	T-7
08-084	09 Dec 93	0930	27°51.99'	91°30.01'	T-7	13-131	06 Dec 93	0008	29°02.99'	88°10.04'	T-7
08-085	09 Dec 93	0922	27°52.99'	91°30.07'	T-10	13-132	05 Dec 93	2208	28°48.98'	88°10.01'	T-7
09-088	09 Dec 93	0149	28°02.49'	90°49.98'	T-10	14-137	05 Dec 93	0820	29°04.00'	87°29.95'	T-7
09-089	09 Dec 93	0129	28°00.08'	90°50.33'	T-7	14-138	05 Dec 93	0647	29°15.01'	87°30.00'	T-7
09-090	09 Dec 93	0020	27°51.99'	90°49.91'	T-7	14-139	05 Dec 93	0630	29°17.01'	87°30.01'	T-7
09-091	08 Dec 93	2230	27°45.98'	90°50.03'	T-7	14-140	05 Dec 93	0604	29°19.99'	87°30.06'	T-7
09-092	08 Dec 93	2236	27°39.49'	90°50.02'	T-7	14-141	05 Dec 93	0547	29°22.00'	87°30.05'	T-7
09-094	08 Dec 93	1810	27°15.97'	90°50.01'	T-7	14-142	05 Dec 93	0522	29°25.01'	87°29.96'	T-10
09-B04	08 Dec 93	1557	27°00.02'	90°49.80'	T-7	NL-EX8	12 Dec 93	0934	27°14.35'	93°32.03'	T-7
10-EX4	08 Dec 93	2335	28°01.62'	90°10.07'	T-7	NL-EX9	12 Dec 93	1310	27°44.57'	93°43.40'	T-7
10-098	08 Dec 93	0713	27°11.49'	90°10.08'	T-7	NL-E10	12 Dec 93	1420	27°56.12'	93°48.50'	T-7
10-B03	08 Dec 93	0514	27°26.01'	90°09.99'	T-7						

* denotes a malfunctioned probe.

XBT Data

Cruise: GULFCET 07 **Station:** 05-049 **Probe Type:** T-7
Latitude: 27° 06.04' N **Longitude:** 93° 30.14' W **Date:** 12-Dec-1993 **Time:** 0823

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.03	310.00	11.76	620.00	6.88
10.00	24.00	320.00	11.53	630.00	6.77
20.00	23.98	330.00	11.33	640.00	6.68
30.00	23.94	340.00	11.08	650.00	6.65
40.00	23.91	350.00	10.78	660.00	6.58
50.00	23.90	360.00	10.65	670.00	6.44
60.00	23.89	370.00	10.30	680.00	6.37
70.00	23.84	380.00	10.20	690.00	6.28
80.00	23.52	390.00	10.08	700.00	6.22
90.00	22.59	400.00	9.92	710.00	6.12
100.00	20.79	410.00	9.72	720.00	6.05
110.00	19.76	420.00	9.58	730.00	6.04
120.00	19.22	430.00	9.43	740.00	6.01
130.00	18.56	440.00	9.20	750.00	5.97
140.00	17.69	450.00	9.08	760.00	5.93
150.00	17.06	460.00	8.93	770.00	5.87
160.00	16.68	470.00	8.75	780.00	5.80
170.00	16.15	480.00	8.64	790.00	5.77
180.00	15.80	490.00	8.56	800.00	5.70
190.00	15.40	500.00	8.37	810.00	5.64
200.00	15.10	510.00	8.28	820.00	5.61
210.00	14.59	520.00	8.17		
220.00	14.35	530.00	8.03		
230.00	14.02	540.00	7.85		
240.00	13.45	550.00	7.76		
250.00	13.07	560.00	7.63		
260.00	12.76	570.00	7.52		
270.00	12.67	580.00	7.40		
280.00	12.58	590.00	7.27		
290.00	12.50	600.00	7.17		
300.00	12.16	610.00	7.07		

Cruise: GULFCET 07 **Station:** 05-051 **Probe Type:** T-7
Latitude: 26° 43.13' N **Longitude:** 93° 29.90' W **Date:** 12-Dec-1993 **Time:** 0434

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.33	310.00	11.80	620.00	7.03
10.00	23.31	320.00	11.59	630.00	6.90
20.00	23.25	330.00	11.25	640.00	6.80
30.00	23.07	340.00	11.22	650.00	6.72
40.00	23.30	350.00	11.00	660.00	6.61
50.00	23.34	360.00	10.87	670.00	6.55
60.00	23.33	370.00	10.66	680.00	6.49
70.00	23.34	380.00	10.40	690.00	6.41
80.00	23.34	390.00	10.22	700.00	6.36
90.00	22.28	400.00	9.99	710.00	6.33
100.00	20.96	410.00	9.84	720.00	6.28
110.00	19.69	420.00	9.61	730.00	6.19
120.00	19.08	430.00	9.50	740.00	6.13
130.00	18.37	440.00	9.35	750.00	6.00
140.00	17.91	450.00	9.13	760.00	5.97
150.00	17.58	460.00	9.00	770.00	5.88
160.00	17.01	470.00	8.92	780.00	5.85
170.00	16.51	480.00	8.72	790.00	5.81
180.00	16.12	490.00	8.62	800.00	5.75
190.00	15.83	500.00	8.47	810.00	5.71
200.00	15.55	510.00	8.29	820.00	5.62
210.00	15.07	520.00	8.12		
220.00	14.70	530.00	7.96		
230.00	14.40	540.00	7.83		
240.00	14.02	550.00	7.68		
250.00	13.69	560.00	7.59		
260.00	13.22	570.00	7.51		
270.00	12.94	580.00	7.41		
280.00	12.63	590.00	7.29		
290.00	12.42	600.00	7.22		
300.00	12.01	610.00	7.10		

Cruise: GULFCET 07 Station: 05-B09 Probe Type: T-7
 Latitude: 26° 26.00' N Longitude: 93° 29.94' W Date: 12-Dec-1993 Time: 0140

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.29	310.00	11.85	620.00	7.29
10.00	24.34	320.00	11.64	630.00	7.22
20.00	24.34	330.00	11.41	640.00	7.18
30.00	24.33	340.00	11.18	650.00	7.14
40.00	24.34	350.00	10.99	660.00	7.10
50.00	24.34	360.00	10.74	670.00	7.02
60.00	24.34	370.00	10.53	680.00	6.96
70.00	24.35	380.00	10.29	690.00	6.81
80.00	24.10	390.00	9.97	700.00	6.65
90.00	22.51	400.00	9.82	710.00	6.52
100.00	21.46	410.00	9.64	720.00	6.41
110.00	20.13	420.00	9.41	730.00	6.36
120.00	19.21	430.00	9.23	740.00	6.30
130.00	18.72	440.00	9.01	750.00	6.20
140.00	18.30	450.00	8.78	760.00	6.10
150.00	17.84	460.00	8.56	770.00	6.00
160.00	17.34	470.00	8.43	780.00	5.89
170.00	16.87	480.00	8.25	790.00	5.82
180.00	16.36	490.00	8.14	800.00	5.73
190.00	15.96	500.00	8.07	810.00	5.67
200.00	15.64	510.00	8.03	820.00	5.61
210.00	15.27	520.00	7.92		
220.00	14.74	530.00	7.88		
230.00	14.31	540.00	7.81		
240.00	13.91	550.00	7.73		
250.00	13.65	560.00	7.68		
260.00	13.38	570.00	7.64		
270.00	13.07	580.00	7.57		
280.00	12.51	590.00	7.49		
290.00	12.32	600.00	7.43		
300.00	12.21	610.00	7.37		

Cruise: GULFCET 07 Station: 06-058 Probe Type: T-7
 Latitude: 27° 18.94' N Longitude: 92° 50.00' W Date: 11-Dec-1993 Time: 0748

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.80	310.00	11.16	620.00	6.60
10.00	23.76	320.00	10.93	630.00	6.52
20.00	23.76	330.00	10.62	640.00	6.45
30.00	23.76	340.00	10.37	650.00	6.39
40.00	23.75	350.00	10.19	660.00	6.30
50.00	23.49	360.00	10.04	670.00	6.23
60.00	21.36	370.00	9.89	680.00	6.20
70.00	20.48	380.00	9.62	690.00	6.11
80.00	19.53	390.00	9.40	700.00	6.08
90.00	18.66	400.00	9.17	710.00	6.04
100.00	18.11	410.00	8.99	720.00	6.03
110.00	17.64	420.00	8.89	730.00	6.01
120.00	17.07	430.00	8.78	740.00	5.92
130.00	16.63	440.00	8.60	750.00	5.84
140.00	16.23	450.00	8.42	760.00	5.81
150.00	15.77	460.00	8.28	770.00	5.76
160.00	15.30	470.00	8.18	780.00	5.73
170.00	15.02	480.00	8.04	790.00	5.67
180.00	14.75	490.00	7.84	800.00	5.57
190.00	14.32	500.00	7.74	810.00	5.56
200.00	13.90	510.00	7.64	820.00	5.52
210.00	13.54	520.00	7.57		
220.00	13.20	530.00	7.44		
230.00	12.90	540.00	7.31		
240.00	12.70	550.00	7.20		
250.00	12.43	560.00	7.08		
260.00	12.25	570.00	6.93		
270.00	12.07	580.00	6.84		
280.00	11.80	590.00	6.78		
290.00	11.64	600.00	6.73		
300.00	11.42	610.00	6.65		

Cruise: GULFCET 07 Station: 06-060 Probe Type: T-7
 Latitude: 27° 34.46' N Longitude: 92° 50.10' W Date: 11-Dec-1993 Time: 0447

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.56	310.00	10.92
10.00	23.54	320.00	10.67
20.00	23.54	330.00	10.54
30.00	23.56	340.00	10.36
40.00	23.55	350.00	10.05
50.00	23.52	360.00	9.98
60.00	22.81	370.00	9.94
70.00	20.68	380.00	9.89
80.00	19.27	390.00	9.81
90.00	18.58	400.00	9.58
100.00	17.92	410.00	9.38
110.00	17.34	420.00	9.23
120.00	16.88	430.00	9.21
130.00	16.53	440.00	9.18
140.00	16.24	450.00	9.09
150.00	16.03	460.00	9.02
160.00	15.54	470.00	8.73
170.00	15.19	480.00	8.60
180.00	14.70	490.00	8.45
190.00	14.29	500.00	8.40
200.00	13.87	510.00	8.34
210.00	13.52	520.00	8.28
220.00	13.26	530.00	8.20
230.00	13.05	540.00	8.17
240.00	12.79	550.00	8.14
250.00	12.42	560.00	8.16
260.00	11.92	570.00	7.96
270.00	11.68	580.00	7.95
280.00	11.39	590.00	7.92
290.00	11.07	600.00	7.75
300.00	10.95	610.00	7.70

Cruise: GULFCET 07 Station: 06-061 Probe Type: T-7
 Latitude: 27° 40.99' N Longitude: 92° 50.17' W Date: 11-Dec-1993 Time: 0352

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.02	310.00	11.75
10.00	23.99	320.00	11.50
20.00	23.99	330.00	11.37
30.00	23.82	340.00	11.31
40.00	23.70		
50.00	23.68		
60.00	23.19		
70.00	20.88		
80.00	19.91		
90.00	18.83		
100.00	18.45		
110.00	18.06		
120.00	17.40		
130.00	16.95		
140.00	16.57		
150.00	16.24		
160.00	15.66		
170.00	15.34		
180.00	14.92		
190.00	14.53		
200.00	14.22		
210.00	14.13		
220.00	13.94		
230.00	13.78		
240.00	13.48		
250.00	13.17		
260.00	12.89		
270.00	12.75		
280.00	12.66		
290.00	12.29		
300.00	12.09		

Cruise: GULFCET 07 Station: 06-062 Probe Type: T-7
 Latitude: 27° 42.99' N Longitude: 92° 50.12' W Date: 11-Dec-1993 Time: 0335

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.86	310.00	12.47
10.00	23.84	320.00	12.37
20.00	23.85		
30.00	23.86		
40.00	23.85		
50.00	23.57		
60.00	22.65		
70.00	21.03		
80.00	19.47		
90.00	18.84		
100.00	18.63		
110.00	18.00		
120.00	17.45		
130.00	17.14		
140.00	16.72		
150.00	16.29		
160.00	15.88		
170.00	15.53		
180.00	15.28		
190.00	14.98		
200.00	14.77		
210.00	14.70		
220.00	14.46		
230.00	14.25		
240.00	13.88		
250.00	13.54		
260.00	13.41		
270.00	13.27		
280.00	12.99		
290.00	12.91		
300.00	12.50		

Cruise: GULFCET 07 Station: 06-063 Probe Type: T-10
 Latitude: 27° 54.45' N Longitude: 92° 49.97' W Date: 11-Dec-1993 Time: 0201

Depth (m)	Temp. (°C)
0.00	23.54
10.00	23.39
20.00	23.03
30.00	23.00
40.00	22.91
50.00	22.90
60.00	22.95
70.00	22.86
80.00	20.40
90.00	19.91
100.00	19.31
110.00	18.67
120.00	18.11
130.00	17.69
140.00	17.47
150.00	17.04
160.00	16.64
170.00	16.32
180.00	15.79
190.00	15.59
200.00	15.07

Cruise: GULFCET 07 Station: 06-B07 Probe Type: T-7
 Latitude: 27° 04.18' N Longitude: 92° 49.65' W Date: 11-Dec-1993 Time: 0953

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.59	310.00	10.14	620.00	6.27
10.00	23.56	320.00	9.96	630.00	6.20
20.00	23.57	330.00	9.81	640.00	6.17
30.00	23.57	340.00	9.70	650.00	6.11
40.00	23.58	350.00	9.61	660.00	6.06
50.00	23.58	360.00	9.42	670.00	5.91
60.00	23.56	370.00	9.33	680.00	5.85
70.00	23.21	380.00	9.15	690.00	5.79
80.00	21.11	390.00	9.00	700.00	5.71
90.00	19.46	400.00	8.76	710.00	5.64
100.00	18.67	410.00	8.57	720.00	5.60
110.00	17.89	420.00	8.39	730.00	5.55
120.00	16.87	430.00	8.19	740.00	5.51
130.00	16.08	440.00	8.04	750.00	5.50
140.00	15.20	450.00	7.97	760.00	5.44
150.00	14.45	460.00	7.84	770.00	5.38
160.00	13.99	470.00	7.74	780.00	5.31
170.00	13.63	480.00	7.54	790.00	5.27
180.00	13.19	490.00	7.39	800.00	5.22
190.00	12.93	500.00	7.29	810.00	5.20
200.00	12.69	510.00	7.20	820.00	5.18
210.00	12.49	520.00	7.16		
220.00	12.14	530.00	7.06		
230.00	11.90	540.00	6.97		
240.00	11.72	550.00	6.84		
250.00	11.43	560.00	6.74		
260.00	11.18	570.00	6.67		
270.00	11.01	580.00	6.58		
280.00	10.78	590.00	6.49		
290.00	10.58	600.00	6.46		
300.00	10.38	610.00	6.41		

Cruise: GULFCET 07 Station: 06-B08 Probe Type: T-7
 Latitude: 26° 30.09' N Longitude: 92° 50.06' W Date: 11-Dec-1993 Time: 1533

Depth (m)	Temp. (°C)
0.00	23.71
10.00	23.70
20.00	23.71
30.00	23.70
40.00	23.71
50.00	23.71
60.00	23.71
70.00	22.97
80.00	22.04
90.00	21.61
100.00	21.15
110.00	20.65

Cruise: GULFCET 07
Latitude: 27° 52.99' N

Station: 07-066
Longitude: 92° 09.96' W

Probe Type: T-10
Date: 10-Dec-1993 Time: 1917

Depth (m)	Temp. (°C)
0.00	24.52
10.00	24.52
20.00	24.52
30.00	24.46
40.00	24.15
50.00	24.05
60.00	23.90
70.00	22.17
80.00	21.02
90.00	20.24
100.00	19.56
110.00	18.65
120.00	18.13
130.00	17.72
140.00	17.28
150.00	16.82
160.00	16.27
170.00	16.09
180.00	15.83
190.00	15.54
200.00	15.27
210.00	15.08

Cruise: GULFCET 07
Latitude: 27° 52.00' N

Station: 07-067
Longitude: 92° 09.91' W

Probe Type: T-7
Date: 10-Dec-1993 Time: 1909

Depth (m)	Temp. (°C)
0.00	24.56
10.00	24.56
20.00	24.56
30.00	24.54
40.00	24.21
50.00	24.06
60.00	23.68
70.00	22.42
80.00	20.88
90.00	20.12
100.00	19.19
110.00	18.68
120.00	17.95
130.00	17.59
140.00	17.26
150.00	16.89
160.00	16.28
170.00	16.05
180.00	15.68
190.00	15.33
200.00	15.06
210.00	14.70
220.00	14.41
230.00	14.00
240.00	13.66
250.00	13.34
260.00	13.17
270.00	12.92
280.00	12.62

Cruise: GULFCET 07 Station: 07-068 Probe Type: T-7
 Latitude: 27° 45.19' N Longitude: 92° 10.01' W Date: 10-Dec-1993 Time: 1809

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.85	310.00	11.23
10.00	24.81	320.00	11.08
20.00	24.20	330.00	10.94
30.00	23.93	340.00	10.79
40.00	23.84	350.00	10.72
50.00	23.81	360.00	10.60
60.00	23.54	370.00	10.48
70.00	21.90	380.00	10.22
80.00	20.76	390.00	10.11
90.00	19.71	400.00	10.09
100.00	18.88	410.00	9.99
110.00	18.22	420.00	9.58
120.00	17.75	430.00	9.33
130.00	17.30	440.00	9.19
140.00	16.95	450.00	9.08
150.00	16.63	460.00	9.02
160.00	15.88	470.00	9.01
170.00	15.35	480.00	8.99
180.00	15.10		
190.00	14.70		
200.00	14.45		
210.00	14.16		
220.00	13.84		
230.00	13.45		
240.00	13.33		
250.00	13.06		
260.00	12.82		
270.00	12.40		
280.00	11.89		
290.00	11.47		
300.00	11.30		

Cruise: GULFCET 07 Station: 07-069 Probe Type: T-7
 Latitude: 27° 37.00' N Longitude: 92° 09.96' W Date: 10-Dec-1993 Time: 1654

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.28	310.00	11.33	620.00	7.31
10.00	24.27	320.00	11.08	630.00	7.26
20.00	24.22	330.00	10.96	640.00	7.16
30.00	24.22	340.00	10.63	650.00	7.10
40.00	24.11	350.00	10.56	660.00	7.00
50.00	24.04	360.00	10.36	670.00	6.92
60.00	23.65	370.00	10.19	680.00	6.86
70.00	21.11	380.00	10.04	690.00	6.73
80.00	20.15	390.00	9.76	700.00	6.69
90.00	19.12	400.00	9.58	710.00	6.52
100.00	18.38	410.00	9.43		
110.00	17.70	420.00	9.17		
120.00	16.96	430.00	9.02		
130.00	16.80	440.00	8.92		
140.00	16.38	450.00	8.77		
150.00	15.98	460.00	8.62		
160.00	15.56	470.00	8.49		
170.00	15.19	480.00	8.33		
180.00	14.94	490.00	8.26		
190.00	14.49	500.00	8.20		
200.00	14.15	510.00	8.12		
210.00	13.92	520.00	8.04		
220.00	13.71	530.00	7.86		
230.00	13.38	540.00	7.85		
240.00	13.17	550.00	7.74		
250.00	12.79	560.00	7.65		
260.00	12.46	570.00	7.63		
270.00	12.25	580.00	7.52		
280.00	12.00	590.00	7.48		
290.00	11.73	600.00	7.44		
300.00	11.46	610.00	7.37		

Cruise: GULFCET 07 Station: 07-070 Probe Type: T-7
 Latitude: 27° 29.48' N Longitude: 92° 09.89' W Date: 10-Dec-1993 Time: 1547

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.27	310.00	11.41	620.00	6.82
10.00	24.27	320.00	11.13	630.00	6.73
20.00	24.21	330.00	10.94	640.00	6.68
30.00	24.12	340.00	10.76	650.00	6.52
40.00	24.00	350.00	10.56	660.00	6.43
50.00	23.68	360.00	10.35	670.00	6.30
60.00	22.04	370.00	10.17	680.00	6.28
70.00	21.17	380.00	10.06	690.00	6.26
80.00	19.95	390.00	9.90		
90.00	19.13	400.00	9.71		
100.00	18.46	410.00	9.48		
110.00	17.84	420.00	9.23		
120.00	17.27	430.00	9.09		
130.00	16.84	440.00	8.92		
140.00	16.32	450.00	8.82		
150.00	15.93	460.00	8.64		
160.00	15.59	470.00	8.55		
170.00	15.14	480.00	8.43		
180.00	14.79	490.00	8.22		
190.00	14.39	500.00	8.11		
200.00	14.11	510.00	7.96		
210.00	13.78	520.00	7.84		
220.00	13.56	530.00	7.75		
230.00	13.34	540.00	7.63		
240.00	13.05	550.00	7.47		
250.00	12.76	560.00	7.37		
260.00	12.58	570.00	7.29		
270.00	12.38	580.00	7.21		
280.00	12.07	590.00	7.08		
290.00	11.87	600.00	7.01		
300.00	11.57	610.00	6.94		

Cruise: GULFCET 07 Station: 07-072 Probe Type: T-7
 Latitude: 27° 09.99' N Longitude: 92° 10.03' W Date: 10-Dec-1993 Time: 1200

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.69	310.00	11.12
10.00	23.55	320.00	10.83
20.00	23.56	330.00	10.51
30.00	23.54	340.00	10.24
40.00	23.54	350.00	10.01
50.00	23.54	360.00	9.82
60.00	21.81	370.00	9.68
70.00	20.54	380.00	9.51
80.00	19.53	390.00	9.35
90.00	18.67	400.00	9.18
100.00	17.88	410.00	9.01
110.00	17.50	420.00	8.88
120.00	16.94	430.00	8.68
130.00	16.43	440.00	8.55
140.00	16.08	450.00	8.45
150.00	15.69	460.00	8.29
160.00	15.37	470.00	8.08
170.00	15.04	480.00	7.81
180.00	14.63	490.00	7.74
190.00	14.27	500.00	7.55
200.00	13.94	510.00	7.46
210.00	13.58	520.00	7.34
220.00	13.42	530.00	7.20
230.00	13.15	540.00	7.08
240.00	12.91	550.00	6.96
250.00	12.54	560.00	6.87
260.00	12.26	570.00	6.83
270.00	12.06	580.00	6.75
280.00	11.81	590.00	6.63
290.00	11.56	600.00	6.57
300.00	11.35		

Cruise: GULFCET 07 Station: 07-B06 Probe Type: T-7
 Latitude: 26° 31.03' N Longitude: 92° 10.03' W Date: 10-Dec-1993 Time: 0541

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.08	310.00	11.12	620.00	6.60
10.00	23.74	320.00	10.96	630.00	6.49
20.00	23.74	330.00	10.71	640.00	6.40
30.00	23.74	340.00	10.43	650.00	6.27
40.00	23.73	350.00	10.24	660.00	6.21
50.00	23.73	360.00	9.97	670.00	6.15
60.00	22.38	370.00	9.73	680.00	6.09
70.00	20.84	380.00	9.51	690.00	6.05
80.00	19.56	390.00	9.38	700.00	5.97
90.00	18.86	400.00	9.27	710.00	5.91
100.00	17.88	410.00	9.11	720.00	5.85
110.00	17.44	420.00	8.88	730.00	5.82
120.00	16.81	430.00	8.74	740.00	5.78
130.00	16.32	440.00	8.57	750.00	5.71
140.00	16.01	450.00	8.47	760.00	5.67
150.00	15.59	460.00	8.34		
160.00	15.23	470.00	8.20		
170.00	14.87	480.00	8.09		
180.00	14.38	490.00	7.96		
190.00	14.11	500.00	7.86		
200.00	13.83	510.00	7.69		
210.00	13.64	520.00	7.60		
220.00	13.32	530.00	7.48		
230.00	13.04	540.00	7.42		
240.00	12.67	550.00	7.32		
250.00	12.46	560.00	7.22		
260.00	12.18	570.00	7.08		
270.00	12.02	580.00	6.97		
280.00	11.79	590.00	6.86		
290.00	11.54	600.00	6.79		
300.00	11.38	610.00	6.71		

Cruise: GULFCET 07 Station: 08-079 Probe Type: T-7
 Latitude: 27° 22.98' N Longitude: 91° 29.90' W Date: 9-Dec-1993 Time: 1429

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.63	310.00	12.12	620.00	7.01
10.00	24.11	320.00	11.92	630.00	6.88
20.00	24.10	330.00	11.60	640.00	6.79
30.00	24.10	340.00	11.46	650.00	6.66
40.00	24.04	350.00	11.26	660.00	6.56
50.00	23.93	360.00	11.02	670.00	6.50
60.00	23.82	370.00	10.82	680.00	6.40
70.00	23.42	380.00	10.63	690.00	6.32
80.00	21.58	390.00	10.33	700.00	6.28
90.00	20.57	400.00	10.14	710.00	6.20
100.00	20.01	410.00	10.06	720.00	6.13
110.00	19.67	420.00	9.84	730.00	6.06
120.00	18.94	430.00	9.64	740.00	6.01
130.00	18.43	440.00	9.46	750.00	5.96
140.00	18.04	450.00	9.35	760.00	5.89
150.00	17.48	460.00	9.19	770.00	5.84
160.00	16.92	470.00	9.01	780.00	5.77
170.00	16.43	480.00	8.88	790.00	5.72
180.00	15.99	490.00	8.68	800.00	5.68
190.00	15.75	500.00	8.54	810.00	5.60
200.00	15.44	510.00	8.44		
210.00	15.19	520.00	8.34		
220.00	14.96	530.00	8.21		
230.00	14.61	540.00	8.03		
240.00	14.34	550.00	7.95		
250.00	14.06	560.00	7.80		
260.00	13.71	570.00	7.62		
270.00	13.46	580.00	7.52		
280.00	13.17	590.00	7.38		
290.00	12.72	600.00	7.31		
300.00	12.45	610.00	7.22		

Cruise: GULFCET 07 Station: 08-081 Probe Type: T-7
 Latitude: 27° 32.92' N Longitude: 91° 29.87' W Date: 9-Dec-1993 Time: 1211

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.26	310.00	12.08	620.00	7.03
10.00	24.06	320.00	11.91	630.00	6.92
20.00	24.00	330.00	11.68	640.00	6.85
30.00	23.98	340.00	11.47	650.00	6.80
40.00	23.94	350.00	11.22	660.00	6.76
50.00	23.23	360.00	11.01	670.00	6.64
60.00	22.48	370.00	10.78	680.00	6.57
70.00	21.87	380.00	10.58	690.00	6.49
80.00	21.41	390.00	10.41	700.00	6.42
90.00	20.83	400.00	10.24	710.00	6.31
100.00	19.92	410.00	9.97	720.00	6.24
110.00	19.22	420.00	9.84	730.00	6.19
120.00	18.65	430.00	9.67	740.00	6.15
130.00	18.07	440.00	9.45	750.00	6.06
140.00	17.65	450.00	9.25	760.00	6.00
150.00	17.07	460.00	9.07	770.00	5.92
160.00	16.64	470.00	8.96	780.00	5.86
170.00	16.30	480.00	8.76	790.00	5.77
180.00	16.02	490.00	8.61	800.00	5.70
190.00	15.72	500.00	8.40		
200.00	15.23	510.00	8.37		
210.00	14.90	520.00	8.27		
220.00	14.62	530.00	8.17		
230.00	14.14	540.00	8.02		
240.00	13.92	550.00	7.87		
250.00	13.55	560.00	7.70		
260.00	13.25	570.00	7.51		
270.00	12.99	580.00	7.41		
280.00	12.72	590.00	7.34		
290.00	12.48	600.00	7.20		
300.00	12.25	610.00	7.12		

Cruise: GULFCET 07 Station: 08-082 Probe Type: T-7
 Latitude: 27° 45.31' N Longitude: 91° 30.00' W Date: 9-Dec-1993 Time: 1027

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.02	310.00	11.71	620.00	7.11
10.00	24.82	320.00	11.53	630.00	7.02
20.00	24.80	330.00	11.21	640.00	6.88
30.00	24.32	340.00	11.03	650.00	6.77
40.00	24.07	350.00	10.81	660.00	6.71
50.00	23.70	360.00	10.56	670.00	6.69
60.00	23.13	370.00	10.44	680.00	6.64
70.00	22.41	380.00	10.39	690.00	6.58
80.00	21.31	390.00	10.19	700.00	6.51
90.00	20.48	400.00	10.03	710.00	6.39
100.00	19.39	410.00	9.80		
110.00	18.96	420.00	9.61		
120.00	18.23	430.00	9.44		
130.00	17.86	440.00	9.36		
140.00	17.35	450.00	9.20		
150.00	16.94	460.00	8.94		
160.00	16.63	470.00	8.72		
170.00	16.09	480.00	8.57		
180.00	15.77	490.00	8.52		
190.00	15.29	500.00	8.45		
200.00	14.85	510.00	8.41		
210.00	14.62	520.00	8.29		
220.00	14.30	530.00	8.22		
230.00	13.90	540.00	8.15		
240.00	13.65	550.00	8.05		
250.00	13.42	560.00	7.94		
260.00	12.93	570.00	7.86		
270.00	12.60	580.00	7.73		
280.00	12.33	590.00	7.65		
290.00	12.22	600.00	7.48		
300.00	11.91	610.00	7.27		

Cruise: GULFCET 07 **Station:** 08-083 **Probe Type:** T-7
Latitude: 27° 49.51' N **Longitude:** 91° 29.98' W **Date:** 9-Dec-1993 **Time:** 0951

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.39	310.00	11.95
10.00	25.18	320.00	11.60
20.00	24.88	330.00	11.11
30.00	24.53	340.00	11.01
40.00	24.10	350.00	10.84
50.00	23.98	360.00	10.69
60.00	23.24		
70.00	22.43		
80.00	21.97		
90.00	20.54		
100.00	19.71		
110.00	19.16		
120.00	18.80		
130.00	18.06		
140.00	17.46		
150.00	17.10		
160.00	16.80		
170.00	16.46		
180.00	15.89		
190.00	15.33		
200.00	15.05		
210.00	14.72		
220.00	14.31		
230.00	14.06		
240.00	13.76		
250.00	13.39		
260.00	13.16		
270.00	12.98		
280.00	12.64		
290.00	12.48		
300.00	12.27		

Cruise: GULFCET 07 **Station:** 08-084 **Probe Type:** T-7
Latitude: 27° 51.99' N **Longitude:** 91° 30.01' W **Date:** 9-Dec-1993 **Time:** 0930

Depth (m)	Temp. (°C)
0.00	25.03
10.00	25.00
20.00	25.00
30.00	24.73
40.00	24.25
50.00	23.92
60.00	23.83
70.00	22.73
80.00	21.26
90.00	20.44
100.00	19.57
110.00	18.83
120.00	18.10
130.00	17.88
140.00	17.42
150.00	16.97
160.00	16.59
170.00	16.07
180.00	15.70
190.00	15.24
200.00	15.00
210.00	14.67
220.00	14.06
230.00	13.77
240.00	13.37

Cruise: GULFCET 07
Latitude: 27° 52.99' N

Station: 08-085
Longitude: 91° 30.07' W

Probe Type: T-10
Date: 9-Dec-1993
Time: 0922

Depth (m)	Temp. (°C)
0.00	25.07
10.00	24.89
20.00	24.89
30.00	24.89
40.00	24.25
50.00	24.04
60.00	23.87
70.00	22.91
80.00	21.61
90.00	20.69
100.00	20.07
110.00	19.19
120.00	18.79
130.00	17.94
140.00	17.63
150.00	17.32
160.00	16.24
170.00	15.96
180.00	15.75
190.00	15.12

Cruise: GULFCET 07
Latitude: 27° 00.00' N

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

Probe Type: T-7
Date: 9-Dec-1993
Time: 1757

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.97	310.00	12.36	620.00	7.11
10.00	24.48	320.00	12.11	630.00	7.01
20.00	24.47	330.00	11.92	640.00	6.91
30.00	24.43	340.00	11.72	650.00	6.80
40.00	24.36	350.00	11.43	660.00	6.77
50.00	24.23	360.00	11.20	670.00	6.68
60.00	24.04	370.00	10.99	680.00	6.59
70.00	23.84	380.00	10.65	690.00	6.50
80.00	23.26	390.00	10.51	700.00	6.44
90.00	21.26	400.00	10.34	710.00	6.36
100.00	20.41	410.00	10.19	720.00	6.31
110.00	19.85	420.00	10.04	730.00	6.25
120.00	19.03	430.00	9.84	740.00	6.15
130.00	18.42	440.00	9.53	750.00	6.07
140.00	17.70	450.00	9.41	760.00	6.02
150.00	17.20	460.00	9.23	770.00	5.98
160.00	16.84	470.00	9.10	780.00	5.91
170.00	16.50	480.00	8.88	790.00	5.83
180.00	16.09	490.00	8.71	800.00	5.79
190.00	15.77	500.00	8.63	810.00	5.73
200.00	15.46	510.00	8.50	820.00	5.69
210.00	15.10	520.00	8.33		
220.00	14.77	530.00	8.24		
230.00	14.45	540.00	8.11		
240.00	14.26	550.00	8.05		
250.00	13.90	560.00	7.88		
260.00	13.57	570.00	7.73		
270.00	13.37	580.00	7.57		
280.00	13.19	590.00	7.50		
290.00	12.86	600.00	7.39		
300.00	12.55	610.00	7.27		

Cruise: GULFCET 07 **Station:** 09-088 **Probe Type:** T-10
Latitude: 28° 02.49' N **Longitude:** 90° 49.98' W **Date:** 9-Dec-1993 **Time:** 0149

Depth (m)	Temp. (°C)
0.00	23.49
10.00	23.43
20.00	23.42
30.00	23.42
40.00	23.42
50.00	23.39
60.00	23.36
70.00	23.32
80.00	22.56
90.00	19.11
100.00	18.94
110.00	18.18
120.00	17.65
130.00	17.33
140.00	17.10
150.00	16.81
160.00	16.59
170.00	16.26
180.00	16.16
190.00	15.79

Cruise: GULFCET 07 **Station:** 09-089 **Probe Type:** T-7
Latitude: 28° 00.08' N **Longitude:** 90° 50.33' W **Date:** 9-Dec-1993 **Time:** 0129

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.73	310.00	12.11
10.00	23.44	320.00	11.71
20.00	23.43		
30.00	23.33		
40.00	23.28		
50.00	23.24		
60.00	23.19		
70.00	23.13		
80.00	22.33		
90.00	20.07		
100.00	18.69		
110.00	17.67		
120.00	17.29		
130.00	16.99		
140.00	16.76		
150.00	16.57		
160.00	16.32		
170.00	16.03		
180.00	15.72		
190.00	15.55		
200.00	15.34		
210.00	15.19		
220.00	14.83		
230.00	14.46		
240.00	14.01		
250.00	13.90		
260.00	13.71		
270.00	13.07		
280.00	12.89		
290.00	12.42		
300.00	12.28		

Cruise: GULFCET 07 Station: 09-090 Probe Type: T-7
 Latitude: 27° 51.99' N Longitude: 90° 49.91' W Date: 9-Dec-1993 Time: 0020

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.19	310.00	12.11
10.00	24.11	320.00	12.05
20.00	23.85	330.00	11.93
30.00	23.78	340.00	11.51
40.00	23.44	350.00	11.28
50.00	23.29	360.00	11.13
60.00	23.24	370.00	10.99
70.00	23.25	380.00	10.81
80.00	22.48	390.00	10.78
90.00	20.82	400.00	10.71
100.00	20.19	410.00	10.71
110.00	19.19	420.00	10.68
120.00	18.28	430.00	10.69
130.00	17.88	440.00	9.98
140.00	17.40		
150.00	16.94		
160.00	16.45		
170.00	16.03		
180.00	15.77		
190.00	15.32		
200.00	15.14		
210.00	14.80		
220.00	14.35		
230.00	14.01		
240.00	13.58		
250.00	13.22		
260.00	12.89		
270.00	12.73		
280.00	12.62		
290.00	12.50		
300.00	12.39		

Cruise: GULFCET 07 Station: 09-091 Probe Type: T-7
 Latitude: 27° 45.98' N Longitude: 90° 50.03' W Date: 8-Dec-1993 Time: 2230

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.92	310.00	11.86	620.00	7.01
10.00	24.97	320.00	11.51	630.00	6.94
20.00	24.92	330.00	11.23	640.00	6.90
30.00	24.37	340.00	10.88	650.00	6.89
40.00	24.30	350.00	10.67	660.00	6.86
50.00	23.99	360.00	10.50	670.00	6.71
60.00	23.70	370.00	10.43		
70.00	23.58	380.00	10.27		
80.00	23.18	390.00	10.15		
90.00	21.20	400.00	10.01		
100.00	20.43	410.00	9.79		
110.00	19.83	420.00	9.73		
120.00	19.26	430.00	9.68		
130.00	18.81	440.00	9.59		
140.00	18.19	450.00	9.55		
150.00	17.31	460.00	9.48		
160.00	16.73	470.00	9.39		
170.00	16.37	480.00	9.23		
180.00	15.89	490.00	9.08		
190.00	15.40	500.00	9.03		
200.00	15.17	510.00	8.98		
210.00	14.83	520.00	8.87		
220.00	14.29	530.00	8.42		
230.00	13.99	540.00	7.92		
240.00	13.65	550.00	7.67		
250.00	13.26	560.00	7.55		
260.00	12.93	570.00	7.43		
270.00	12.81	580.00	7.24		
280.00	12.60	590.00	7.17		
290.00	12.25	600.00	7.11		
300.00	11.95	610.00	7.08		

Cruise: GULFCET 07 Station: 09-092 Probe Type: T-7
 Latitude: 27° 39.49' N Longitude: 90° 50.02' W Date: 8-Dec-1993 Time: 2236

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.33	310.00	12.23
10.00	25.38	320.00	12.00
20.00	25.39	330.00	11.75
30.00	25.38	340.00	11.56
40.00	25.22	350.00	11.31
50.00	24.97	360.00	11.07
60.00	24.65	370.00	10.80
70.00	24.28	380.00	10.58
80.00	23.66	390.00	10.51
90.00	22.61	400.00	10.35
100.00	21.82	410.00	10.14
110.00	20.92	420.00	9.98
120.00	20.13	430.00	9.73
130.00	19.41	440.00	9.57
140.00	18.83	450.00	9.36
150.00	18.24	460.00	9.02
160.00	17.60	470.00	8.93
170.00	17.14	480.00	8.87
180.00	16.69	490.00	8.71
190.00	16.29	500.00	8.64
200.00	15.92		
210.00	15.55		
220.00	15.20		
230.00	14.94		
240.00	14.56		
250.00	14.18		
260.00	13.79		
270.00	13.45		
280.00	13.21		
290.00	12.78		
300.00	12.44		

Cruise: GULFCET 07 Station: 09-094 Probe Type: T-7
 Latitude: 27° 15.97' N Longitude: 90° 50.01' W Date: 8-Dec-1993 Time: 1810

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.61	310.00	12.97	620.00	7.29
10.00	25.55	320.00	12.79	630.00	7.17
20.00	25.55	330.00	12.59	640.00	7.06
30.00	25.55	340.00	12.33	650.00	6.97
40.00	25.56	350.00	11.96	660.00	6.90
50.00	25.56	360.00	11.66	670.00	6.80
60.00	25.58	370.00	11.38	680.00	6.68
70.00	25.62	380.00	11.21	690.00	6.58
80.00	25.17	390.00	10.94	700.00	6.44
90.00	23.18	400.00	10.72	710.00	6.35
100.00	22.90	410.00	10.52	720.00	6.30
110.00	21.97	420.00	10.32	730.00	6.25
120.00	21.21	430.00	10.19	740.00	6.15
130.00	21.05	440.00	9.99	750.00	6.07
140.00	20.26	450.00	9.76	760.00	5.99
150.00	19.71	460.00	9.58	770.00	5.92
160.00	19.05	470.00	9.37	780.00	5.85
170.00	18.43	480.00	9.20	790.00	5.79
180.00	17.78	490.00	9.01	800.00	5.75
190.00	17.34	500.00	8.82	810.00	5.70
200.00	17.01	510.00	8.76		
210.00	16.53	520.00	8.63		
220.00	16.05	530.00	8.48		
230.00	15.56	540.00	8.27		
240.00	15.20	550.00	8.07		
250.00	14.77	560.00	7.93		
260.00	14.45	570.00	7.80		
270.00	14.12	580.00	7.78		
280.00	13.84	590.00	7.60		
290.00	13.63	600.00	7.49		
300.00	13.39	610.00	7.42		

Cruise: GULFCET 07 Station: 09-B04 Probe Type: T-7
 Latitude: 27° 00.02' N Longitude: 90° 49.80' W Date: 8-Dec-1993 Time: 1557

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.72	310.00	13.76	620.00	7.67
10.00	25.60	320.00	13.43	630.00	7.54
20.00	25.59	330.00	13.14	640.00	7.45
30.00	25.60	340.00	12.86	650.00	7.36
40.00	25.57	350.00	12.60	660.00	7.23
50.00	25.57	360.00	12.30	670.00	7.12
60.00	25.57	370.00	12.06	680.00	6.97
70.00	25.57	380.00	11.76	690.00	6.85
80.00	25.56	390.00	11.55	700.00	6.76
90.00	24.26	400.00	11.36	710.00	6.65
100.00	23.60	410.00	11.28	720.00	6.58
110.00	22.70	420.00	10.99	730.00	6.50
120.00	21.98	430.00	10.80	740.00	6.42
130.00	20.94	440.00	10.49	750.00	6.36
140.00	20.06	450.00	10.35	760.00	6.31
150.00	19.50	460.00	10.20	770.00	6.24
160.00	19.09	470.00	10.04	780.00	6.12
170.00	18.53	480.00	9.88	790.00	6.03
180.00	18.15	490.00	9.66	800.00	5.98
190.00	17.57	500.00	9.43	810.00	5.94
200.00	17.21	510.00	9.29	820.00	5.89
210.00	16.86	520.00	9.09		
220.00	16.51	530.00	8.91		
230.00	16.14	540.00	8.67		
240.00	15.81	550.00	8.53		
250.00	15.56	560.00	8.41		
260.00	15.30	570.00	8.29		
270.00	14.97	580.00	8.14		
280.00	14.68	590.00	8.00		
290.00	14.32	600.00	7.84		
300.00	14.01	610.00	7.78		

Cruise: GULFCET 07 Station: 10-098 Probe Type: T-7
 Latitude: 27° 11.49' N Longitude: 90° 10.08' W Date: 8-Dec-1993 Time: 0713

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.09	310.00	12.05	620.00	7.07
10.00	25.07	320.00	11.79	630.00	6.99
20.00	25.07	330.00	11.57	640.00	6.86
30.00	25.07	340.00	11.35	650.00	6.76
40.00	25.07	350.00	11.02	660.00	6.68
50.00	25.07	360.00	10.91	670.00	6.59
60.00	24.90	370.00	10.76	680.00	6.51
70.00	24.52	380.00	10.55	690.00	6.40
80.00	23.83	390.00	10.29	700.00	6.33
90.00	23.38	400.00	10.21	710.00	6.26
100.00	22.59	410.00	10.06	720.00	6.16
110.00	21.53	420.00	9.87	730.00	6.10
120.00	20.70	430.00	9.71	740.00	6.01
130.00	19.83	440.00	9.50	750.00	5.93
140.00	19.09	450.00	9.36	760.00	5.86
150.00	18.56	460.00	9.23	770.00	5.79
160.00	18.10	470.00	8.96	780.00	5.74
170.00	17.79	480.00	8.77	790.00	5.70
180.00	17.01	490.00	8.65	800.00	5.63
190.00	16.51	500.00	8.50		
200.00	16.22	510.00	8.39		
210.00	15.67	520.00	8.22		
220.00	14.99	530.00	8.10		
230.00	14.63	540.00	7.97		
240.00	14.39	550.00	7.90		
250.00	14.09	560.00	7.79		
260.00	13.78	570.00	7.63		
270.00	13.43	580.00	7.56		
280.00	12.97	590.00	7.41		
290.00	12.57	600.00	7.28		
300.00	12.35	610.00	7.21		

Cruise: GULFCET 07 Station: 10-099 Probe Type: T-7
 Latitude: 27° 40.01' N Longitude: 90° 09.85' W Date: 8-Dec-1993 Time: 0318

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.83	310.00	11.64	620.00	6.49
10.00	24.84	320.00	11.40	630.00	6.47
20.00	24.84	330.00	11.20	640.00	6.45
30.00	24.82	340.00	10.83	650.00	6.42
40.00	24.48	350.00	10.71	660.00	6.35
50.00	24.07	360.00	10.50	670.00	6.24
60.00	24.04	370.00	10.31	680.00	6.22
70.00	23.88	380.00	10.14	690.00	6.16
80.00	21.91	390.00	10.02	700.00	6.07
90.00	20.74	400.00	9.86	710.00	6.04
100.00	19.57	410.00	9.69	720.00	5.92
110.00	19.09	420.00	9.49	730.00	5.90
120.00	18.24	430.00	9.36	740.00	5.80
130.00	17.75	440.00	9.16	750.00	5.78
140.00	17.25	450.00	9.07	760.00	5.76
150.00	16.70	460.00	8.97	770.00	5.73
160.00	16.30	470.00	8.90	780.00	5.73
170.00	16.00	480.00	8.66	790.00	5.71
180.00	15.58	490.00	8.51	800.00	5.69
190.00	15.11	500.00	8.30	810.00	5.65
200.00	14.75	510.00	8.15	820.00	5.63
210.00	14.57	520.00	8.06		
220.00	14.36	530.00	7.91		
230.00	14.16	540.00	7.74		
240.00	13.95	550.00	7.60		
250.00	13.60	560.00	7.39		
260.00	13.33	570.00	7.22		
270.00	13.14	580.00	7.08		
280.00	12.67	590.00	7.00		
290.00	12.24	600.00	6.78		
300.00	12.02	610.00	6.60		

Cruise: GULFCET 07 Station: 10-101 Probe Type: T-7
 Latitude: 27° 49.99' N Longitude: 90° 09.93' W Date: 8-Dec-1993 Time: 0117

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.20	310.00	11.31	620.00	7.28
10.00	24.16	320.00	11.23	630.00	7.26
20.00	24.14	330.00	11.03	640.00	7.25
30.00	23.92	340.00	10.82	650.00	7.17
40.00	23.80	350.00	10.67	660.00	7.00
50.00	23.72	360.00	10.49	670.00	6.95
60.00	23.67	370.00	10.38	680.00	6.85
70.00	23.19	380.00	10.22	690.00	6.65
80.00	21.09	390.00	10.03	700.00	6.53
90.00	19.97	400.00	9.90	710.00	6.02
100.00	18.65	410.00	9.73	720.00	5.96
110.00	17.62	420.00	9.61	730.00	5.90
120.00	16.85	430.00	9.50	740.00	5.87
130.00	16.56	440.00	9.25	750.00	5.82
140.00	16.36	450.00	9.10		
150.00	15.91	460.00	8.98		
160.00	15.63	470.00	8.66		
170.00	15.38	480.00	8.44		
180.00	15.01	490.00	8.17		
190.00	14.66	500.00	8.13		
200.00	14.31	510.00	8.08		
210.00	14.27	520.00	7.96		
220.00	13.91	530.00	7.91		
230.00	13.62	540.00	7.90		
240.00	13.17	550.00	7.82		
250.00	12.82	560.00	7.68		
260.00	12.61	570.00	7.66		
270.00	12.27	580.00	7.62		
280.00	12.06	590.00	7.53		
290.00	11.73	600.00	7.37		
300.00	11.51	610.00	7.31		

Cruise: GULFCET 07 Station: 10-EX4 Probe Type: T-7
 Latitude: 28° 01.62' N Longitude: 90° 10.07' W Date: 8-Dec-1993 Time: 2335

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	21.55	310.00	11.90
10.00	21.57	320.00	11.76
20.00	22.83	330.00	11.63
30.00	22.91	340.00	11.52
40.00	22.96	350.00	11.38
50.00	23.26	360.00	11.32
60.00	22.43	370.00	11.14
70.00	20.71	380.00	11.08
80.00	19.01	390.00	10.76
90.00	18.27	400.00	10.50
100.00	17.83	410.00	10.34
110.00	17.32	420.00	10.31
120.00	16.85	430.00	10.24
130.00	16.51	440.00	10.18
140.00	16.30	450.00	10.15
150.00	16.16	460.00	10.00
160.00	15.54	470.00	9.77
170.00	15.10	480.00	9.54
180.00	14.98	490.00	9.47
190.00	14.83	500.00	9.42
200.00	14.31		
210.00	14.05		
220.00	13.67		
230.00	13.51		
240.00	13.21		
250.00	12.86		
260.00	12.60		
270.00	12.40		
280.00	12.22		
290.00	12.15		
300.00	12.12		

Cruise: GULFCET 07 Station: 10-103 Probe Type: T-7
 Latitude: 28° 04.02' N Longitude: 90° 10.09' W Date: 7-Dec-1993 Time: 2314

Depth (m)	Temp. (°C)
0.00	21.23
10.00	21.76
20.00	22.91
30.00	22.98
40.00	23.36
50.00	23.11
60.00	22.19
70.00	20.30
80.00	19.12
90.00	18.17
100.00	17.67
110.00	17.02
120.00	16.69
130.00	16.15
140.00	15.90
150.00	15.53
160.00	15.30
170.00	15.14
180.00	15.01
190.00	14.72
200.00	14.45
210.00	14.07
220.00	13.79
230.00	13.63
240.00	13.46
250.00	13.28
260.00	13.14
270.00	12.96

Cruise: GULFCET 07 Station: 10-104 Probe Type: T-10
 Latitude: 28° 09.50' N Longitude: 90° 09.98' W Date: 7-Dec-1993 Time: 2227

Depth (m)	Temp. (°C)
0.00	21.34
10.00	22.70
20.00	22.89
30.00	23.25
40.00	23.05
50.00	22.06
60.00	20.92
70.00	20.29
80.00	19.64
90.00	18.32
100.00	17.68
110.00	17.53
120.00	17.39
130.00	17.18
140.00	17.05
150.00	16.89
160.00	16.50
170.00	15.71
180.00	15.13

Cruise: GULFCET 07 Station: 10-B03 Probe Type: T-7
 Latitude: 27° 26.01' N Longitude: 90° 09.99' W Date: 8-Dec-1993 Time: 0514

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.90	310.00	12.10	620.00	7.09
10.00	24.87	320.00	11.95	630.00	7.05
20.00	24.87	330.00	11.74	640.00	7.00
30.00	24.88	340.00	11.45	650.00	6.89
40.00	24.88	350.00	11.23	660.00	6.74
50.00	24.90	360.00	11.03	670.00	6.61
60.00	24.90	370.00	10.73	680.00	6.54
70.00	24.47	380.00	10.54	690.00	6.47
80.00	23.93	390.00	10.30	700.00	6.39
90.00	22.59	400.00	10.09	710.00	6.28
100.00	21.20	410.00	9.89	720.00	6.15
110.00	20.28	420.00	9.70	730.00	6.05
120.00	19.52	430.00	9.42	740.00	6.01
130.00	18.99	440.00	9.22	750.00	5.97
140.00	18.53	450.00	9.05	760.00	5.91
150.00	17.85	460.00	8.94	770.00	5.86
160.00	17.41	470.00	8.81	780.00	5.81
170.00	16.82	480.00	8.70	790.00	5.74
180.00	16.32	490.00	8.61	800.00	5.67
190.00	16.03	500.00	8.49	810.00	5.60
200.00	15.69	510.00	8.35	820.00	5.55
210.00	15.20	520.00	8.17		
220.00	14.82	530.00	8.10		
230.00	14.50	540.00	7.98		
240.00	14.16	550.00	7.85		
250.00	13.80	560.00	7.70		
260.00	13.45	570.00	7.60		
270.00	13.27	580.00	7.49		
280.00	13.06	590.00	7.37		
290.00	12.68	600.00	7.29		
300.00	12.40	610.00	7.21		

Cruise: GULFCET 07
Latitude: 28° 35.99' N

Station: 11-107
Longitude: 89° 30.14' W

Probe Type: T-7
Date: 7-Dec-1993 Time: 1446

Depth (m)	Temp. (°C)
0.00	22.53
10.00	22.81
20.00	22.85
30.00	22.88
40.00	22.96
50.00	23.40
60.00	22.16
70.00	21.17
80.00	19.79
90.00	18.86
100.00	17.93
110.00	17.27
120.00	16.65

Cruise: GULFCET 07
Latitude: 28° 32.00' N

Station: 11-108
Longitude: 89° 30.11' W

Probe Type: T-7
Date: 7-Dec-1993 Time: 1412

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.01	310.00	13.01
10.00	22.95	320.00	12.85
20.00	22.96	330.00	12.62
30.00	23.01	340.00	11.64
40.00	23.10		
50.00	23.10		
60.00	22.51		
70.00	21.16		
80.00	19.91		
90.00	19.06		
100.00	18.52		
110.00	17.74		
120.00	17.00		
130.00	16.91		
140.00	16.24		
150.00	15.68		
160.00	15.24		
170.00	15.16		
180.00	15.06		
190.00	15.04		
200.00	14.97		
210.00	14.91		
220.00	14.76		
230.00	14.28		
240.00	14.28		
250.00	14.22		
260.00	13.83		
270.00	13.58		
280.00	13.46		
290.00	13.40		
300.00	13.38		

Cruise: GULFCET 07 Station: 11-109 Probe Type: T-7
 Latitude: 28° 28.03' N Longitude: 89° 30.07' W Date: 7-Dec-1993 Time: 1338

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.36	310.00	12.61
10.00	23.25	320.00	12.55
20.00	23.23	330.00	12.04
30.00	23.22	340.00	11.59
40.00	23.21	350.00	11.36
50.00	23.18	360.00	11.11
60.00	22.61	370.00	10.86
70.00	21.25	380.00	10.69
80.00	20.69	390.00	10.33
90.00	19.70	400.00	10.18
100.00	18.84	410.00	10.00
110.00	18.00	420.00	9.91
120.00	17.38	430.00	9.67
130.00	16.80	440.00	9.22
140.00	16.36	450.00	9.08
150.00	15.97	460.00	8.90
160.00	15.75	470.00	8.65
170.00	15.48	480.00	8.51
180.00	15.03	490.00	8.35
190.00	14.98	500.00	8.06
200.00	14.72		
210.00	14.39		
220.00	14.24		
230.00	13.91		
240.00	13.49		
250.00	13.26		
260.00	13.09		
270.00	12.99		
280.00	12.93		
290.00	12.86		
300.00	12.78		

Cruise: GULFCET 07 Station: 11-110 Probe Type: T-7
 Latitude: 28° 21.53' N Longitude: 89° 30.04' W Date: 7-Dec-1993 Time: 1243

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.50	310.00	11.54	620.00	7.09
10.00	23.41	320.00	11.41	630.00	7.05
20.00	23.39	330.00	11.17	640.00	6.94
30.00	23.36	340.00	10.91	650.00	6.88
40.00	23.38	350.00	10.72	660.00	6.83
50.00	23.35	360.00	10.39	670.00	6.72
60.00	22.75	370.00	10.25	680.00	6.66
70.00	21.44	380.00	9.93	690.00	6.47
80.00	20.27	390.00	9.80	700.00	6.42
90.00	19.44	400.00	9.55	710.00	6.29
100.00	18.81	410.00	9.24	720.00	6.18
110.00	18.52	420.00	9.06		
120.00	17.79	430.00	8.89		
130.00	16.98	440.00	8.78		
140.00	16.58	450.00	8.72		
150.00	16.11	460.00	8.68		
160.00	15.69	470.00	8.65		
170.00	15.20	480.00	8.55		
180.00	14.81	490.00	8.46		
190.00	14.45	500.00	8.32		
200.00	14.34	510.00	8.26		
210.00	14.03	520.00	8.23		
220.00	13.77	530.00	8.14		
230.00	13.44	540.00	8.10		
240.00	13.19	550.00	8.07		
250.00	12.94	560.00	7.96		
260.00	12.71	570.00	7.86		
270.00	12.33	580.00	7.71		
280.00	12.07	590.00	7.62		
290.00	11.85	600.00	7.35		
300.00	11.64	610.00	7.13		

Cruise: GULFCET 07 Station: 11-111 Probe Type: T-7
 Latitude: 28° 15.00' N Longitude: 89° 30.02' W Date: 7-Dec-1993 Time: 1151

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.44	310.00	10.74	620.00	6.77
10.00	23.34	320.00	10.48	630.00	6.72
20.00	23.33	330.00	10.25	640.00	6.68
30.00	23.32	340.00	10.11	650.00	6.60
40.00	23.33	350.00	10.04	660.00	6.57
50.00	23.23	360.00	9.93	670.00	6.53
60.00	22.02	370.00	9.71	680.00	6.44
70.00	20.83	380.00	9.64	690.00	6.38
80.00	20.15	390.00	9.57	700.00	6.34
90.00	19.29	400.00	9.29	710.00	6.30
100.00	18.53	410.00	9.11	720.00	6.18
110.00	17.85	420.00	8.86	730.00	6.13
120.00	16.95	430.00	8.77	740.00	6.11
130.00	16.50	440.00	8.68	750.00	6.05
140.00	16.13	450.00	8.49	760.00	5.98
150.00	15.88	460.00	8.30	770.00	5.89
160.00	15.53	470.00	8.16	780.00	5.84
170.00	15.12	480.00	7.95	790.00	5.79
180.00	14.65	490.00	7.94	800.00	5.66
190.00	14.28	500.00	7.89		
200.00	13.82	510.00	7.78		
210.00	13.47	520.00	7.64		
220.00	13.30	530.00	7.45		
230.00	12.98	540.00	7.37		
240.00	12.60	550.00	7.29		
250.00	12.42	560.00	7.22		
260.00	12.00	570.00	7.16		
270.00	11.70	580.00	7.06		
280.00	11.59	590.00	7.00		
290.00	11.29	600.00	6.87		
300.00	11.01	610.00	6.79		

Cruise: GULFCET 07 Station: 11-113 Probe Type: T-7
 Latitude: 27° 38.14' N Longitude: 89° 29.98' W Date: 7-Dec-1993 Time: 0534

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.03	310.00	10.10	620.00	6.20
10.00	21.70	320.00	9.90	630.00	6.14
20.00	22.81	330.00	9.72	640.00	6.08
30.00	23.18	340.00	9.61	650.00	6.00
40.00	23.58	350.00	9.39	660.00	5.88
50.00	23.39	360.00	9.13	670.00	5.84
60.00	23.32	370.00	8.90	680.00	5.75
70.00	21.38	380.00	8.75	690.00	5.67
80.00	20.20	390.00	8.55	700.00	5.59
90.00	19.25	400.00	8.39	710.00	5.56
100.00	17.86	410.00	8.20	720.00	5.52
110.00	16.74	420.00	8.13	730.00	5.48
120.00	16.22	430.00	8.05	740.00	5.41
130.00	15.84	440.00	7.88	750.00	5.36
140.00	15.52	450.00	7.73	760.00	5.31
150.00	15.16	460.00	7.59	770.00	5.26
160.00	14.74	470.00	7.50	780.00	5.25
170.00	14.26	480.00	7.37	790.00	5.22
180.00	13.85	490.00	7.23	800.00	5.19
190.00	13.61	500.00	7.10	810.00	5.14
200.00	13.23	510.00	7.04	820.00	5.12
210.00	12.83	520.00	6.95		
220.00	12.53	530.00	6.88		
230.00	12.17	540.00	6.76		
240.00	11.90	550.00	6.66		
250.00	11.64	560.00	6.61		
260.00	11.36	570.00	6.55		
270.00	11.11	580.00	6.47		
280.00	10.91	590.00	6.40		
290.00	10.60	600.00	6.35		
300.00	10.38	610.00	6.27		

Cruise: GULFCET 07 Station: 11-B02 Probe Type: T-7
 Latitude: 27° 52.00' N Longitude: 89° 30.03' W Date: 7-Dec-1993 Time: 0744

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.45	310.00	10.15	620.00	6.20
10.00	23.08	320.00	9.94	630.00	6.14
20.00	23.03	330.00	9.81	640.00	6.11
30.00	23.03	340.00	9.62	650.00	6.02
40.00	23.00	350.00	9.47	660.00	5.97
50.00	22.95	360.00	9.33	670.00	5.94
60.00	21.45	370.00	9.13	680.00	5.92
70.00	19.69	380.00	8.90	690.00	5.86
80.00	18.78	390.00	8.70	700.00	5.80
90.00	18.05	400.00	8.51	710.00	5.76
100.00	17.23	410.00	8.16	720.00	5.72
110.00	16.52	420.00	7.97	730.00	5.68
120.00	15.98	430.00	7.88	740.00	5.65
130.00	15.44	440.00	7.77	750.00	5.59
140.00	14.92	450.00	7.68	760.00	5.56
150.00	14.48	460.00	7.57	770.00	5.49
160.00	14.17	470.00	7.47	780.00	5.42
170.00	13.73	480.00	7.36	790.00	5.39
180.00	13.51	490.00	7.29	800.00	5.33
190.00	13.27	500.00	7.24	810.00	5.28
200.00	13.09	510.00	7.15		
210.00	12.85	520.00	7.08		
220.00	12.53	530.00	6.97		
230.00	12.17	540.00	6.88		
240.00	11.92	550.00	6.78		
250.00	11.68	560.00	6.73		
260.00	11.28	570.00	6.67		
270.00	11.15	580.00	6.59		
280.00	10.90	590.00	6.49		
290.00	10.68	600.00	6.38		
300.00	10.33	610.00	6.30		

Cruise: GULFCET 07 Station: 12-118 Probe Type: T-7
 Latitude: 28° 14.28' N Longitude: 88° 50.15' W Date: 6-Dec-1993 Time: 1426

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.42	310.00	11.39	620.00	6.78
10.00	23.40	320.00	11.19	630.00	6.72
20.00	23.42	330.00	11.01	640.00	6.69
30.00	23.41	340.00	10.81	650.00	6.63
40.00	23.42	350.00	10.71	660.00	6.59
50.00	23.48	360.00	10.51	670.00	6.52
60.00	23.03	370.00	10.23	680.00	6.45
70.00	21.16	380.00	10.11	690.00	6.34
80.00	20.50	390.00	10.00	700.00	6.25
90.00	19.60	400.00	9.82	710.00	6.14
100.00	19.04	410.00	9.66	720.00	6.04
110.00	18.47	420.00	9.46	730.00	6.01
120.00	17.78	430.00	9.31	740.00	5.95
130.00	17.41	440.00	9.18	750.00	5.89
140.00	17.14	450.00	8.95	760.00	5.80
150.00	16.66	460.00	8.74	770.00	5.75
160.00	16.12	470.00	8.57	780.00	5.70
170.00	15.73	480.00	8.46	790.00	5.65
180.00	15.25	490.00	8.32	800.00	5.63
190.00	14.95	500.00	8.16	810.00	5.58
200.00	14.52	510.00	8.00	820.00	5.53
210.00	14.20	520.00	7.82		
220.00	13.91	530.00	7.70		
230.00	13.61	540.00	7.57		
240.00	13.17	550.00	7.44		
250.00	12.85	560.00	7.37		
260.00	12.56	570.00	7.25		
270.00	12.35	580.00	7.17		
280.00	12.09	590.00	7.11		
290.00	11.85	600.00	6.97		
300.00	11.67	610.00	6.87		

Cruise: GULFCET 07 Station: 12-120 Probe Type: T-7
 Latitude: 28° 43.49' N Longitude: 88° 49.90' W Date: 6-Dec-1993 Time: 0932

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.42	310.00	11.80	620.00	7.28
10.00	23.44	320.00	11.66	630.00	7.11
20.00	23.44	330.00	11.56	640.00	6.96
30.00	23.44	340.00	11.42	650.00	6.83
40.00	23.44	350.00	11.15	660.00	6.75
50.00	23.45	360.00	10.96	670.00	6.57
60.00	23.43	370.00	10.73	680.00	6.47
70.00	21.91	380.00	10.50	690.00	6.36
80.00	21.47	390.00	10.39	700.00	6.21
90.00	20.65	400.00	10.26	710.00	6.12
100.00	19.20	410.00	10.06	720.00	6.02
110.00	18.57	420.00	9.94	730.00	5.95
120.00	18.13	430.00	9.78	740.00	5.88
130.00	17.49	440.00	9.60	750.00	5.82
140.00	17.00	450.00	9.40	760.00	5.76
150.00	16.40	460.00	9.22	770.00	5.70
160.00	15.97	470.00	8.95	780.00	5.64
170.00	15.56	480.00	8.75	790.00	5.58
180.00	15.16	490.00	8.60	800.00	5.53
190.00	14.92	500.00	8.50	810.00	5.44
200.00	14.65	510.00	8.36	820.00	5.42
210.00	14.34	520.00	8.24		
220.00	14.18	530.00	8.21		
230.00	13.96	540.00	8.12		
240.00	13.76	550.00	8.02		
250.00	13.36	560.00	7.91		
260.00	13.09	570.00	7.65		
270.00	12.78	580.00	7.67		
280.00	12.71	590.00	7.59		
290.00	12.39	600.00	7.47		
300.00	12.04	610.00	7.38		

Cruise: GULFCET 07 Station: 12-121 Probe Type: T-7
 Latitude: 28° 46.99' N Longitude: 88° 50.00' W Date: 6-Dec-1993 Time: 0903

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	21.73	310.00	11.95	620.00	7.21
10.00	22.04	320.00	11.75	630.00	7.07
20.00	23.04	330.00	11.59	640.00	6.99
30.00	23.52	340.00	11.37	650.00	6.90
40.00	23.77	350.00	11.12	660.00	6.88
50.00	23.85	360.00	10.96	670.00	6.81
60.00	23.69	370.00	10.75	680.00	6.57
70.00	22.24	380.00	10.63	690.00	6.36
80.00	20.90	390.00	10.39		
90.00	20.03	400.00	10.18		
100.00	19.17	410.00	10.02		
110.00	18.23	420.00	9.86		
120.00	17.69	430.00	9.71		
130.00	17.20	440.00	9.46		
140.00	16.67	450.00	9.25		
150.00	16.34	460.00	9.12		
160.00	16.06	470.00	8.95		
170.00	15.73	480.00	8.83		
180.00	15.31	490.00	8.74		
190.00	15.10	500.00	8.66		
200.00	14.90	510.00	8.50		
210.00	14.58	520.00	8.30		
220.00	14.26	530.00	8.17		
230.00	13.98	540.00	7.96		
240.00	13.69	550.00	7.85		
250.00	13.45	560.00	7.85		
260.00	13.33	570.00	7.70		
270.00	13.10	580.00	7.62		
280.00	12.73	590.00	7.57		
290.00	12.42	600.00	7.31		
300.00	12.19	610.00	7.28		

Cruise: GULFCET 07
Latitude: 28° 53.00' N

Station: 12-122
Longitude: 88° 89.95' W

Probe Type: T-7
Date: 6-Dec-1993 Time: 0812

Depth (m)	Temp. (°C)
0.00	21.50
10.00	21.82
20.00	22.20
30.00	22.93
40.00	23.29
50.00	23.19
60.00	22.58
70.00	21.26
80.00	19.76
90.00	19.32
100.00	18.67
110.00	18.01
120.00	17.29
130.00	16.93
140.00	16.44
150.00	16.13
160.00	15.80
170.00	15.43
180.00	15.13
190.00	14.87
200.00	14.62
210.00	14.41
220.00	14.17
230.00	13.96
240.00	13.84
250.00	13.73

Cruise: GULFCET 07
Latitude: 28° 55.48' N

Station: 12-123
Longitude: 88° 49.95' W

Probe Type: T-7
Date: 6-Dec-1993 Time:

Depth (m)	Temp. (°C)
0.00	20.75
10.00	21.13
20.00	22.03
30.00	22.94
40.00	22.91
50.00	22.93
60.00	22.49
70.00	21.09
80.00	20.47
90.00	19.45
100.00	18.88
110.00	18.37
120.00	17.92
130.00	17.46
140.00	16.97
150.00	16.61
160.00	16.33
170.00	16.10
180.00	15.59
190.00	15.31
200.00	15.02
210.00	14.92
220.00	14.85
230.00	14.76
240.00	14.72
250.00	14.66
260.00	14.65
270.00	14.60
280.00	14.58
290.00	14.52
300.00	13.15

Cruise: GULFCET 07 Station: 12-124 Probe Type: T-10
 Latitude: 29° 00.00' N Longitude: 88° 49.96' W Date: 6-Dec-1993 Time: 0711

Depth (m)	Temp. (°C)
0.00	20.32
10.00	21.49
20.00	22.13
30.00	23.31
40.00	23.34
50.00	23.31
60.00	21.29
70.00	20.21
80.00	18.80
90.00	18.19
100.00	17.83
110.00	17.59
120.00	17.38
130.00	17.24
140.00	16.66
150.00	16.28
160.00	16.07
170.00	16.02
180.00	16.01
190.00	16.00

Cruise: GULFCET 07 Station: 12-B01 Probe Type: T-7
 Latitude: 28° 00.01' N Longitude: 88° 50.08' W Date: 6-Dec-1993 Time: 1628

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.15	310.00	10.92	620.00	6.36
10.00	23.10	320.00	10.73	630.00	6.32
20.00	23.09	330.00	10.51	640.00	6.20
30.00	23.07	340.00	10.33	650.00	6.13
40.00	23.01	350.00	10.20	660.00	6.08
50.00	22.92	360.00	9.94	670.00	6.03
60.00	21.82	370.00	9.68	680.00	5.97
70.00	20.35	380.00	9.54	690.00	5.85
80.00	19.46	390.00	9.34	700.00	5.79
90.00	18.92	400.00	9.15	710.00	5.77
100.00	18.09	410.00	9.05	720.00	5.72
110.00	17.58	420.00	8.93	730.00	5.68
120.00	16.71	430.00	8.73	740.00	5.62
130.00	16.14	440.00	8.53	750.00	5.57
140.00	15.68	450.00	8.45	760.00	5.53
150.00	15.27	460.00	8.20	770.00	5.47
160.00	14.89	470.00	8.08	780.00	5.44
170.00	14.53	480.00	7.90	790.00	5.40
180.00	14.23	490.00	7.70	800.00	5.37
190.00	13.93	500.00	7.58	810.00	5.32
200.00	13.60	510.00	7.44	820.00	5.29
210.00	13.35	520.00	7.33		
220.00	13.09	530.00	7.19		
230.00	12.88	540.00	7.09		
240.00	12.56	550.00	6.98		
250.00	12.20	560.00	6.89		
260.00	11.98	570.00	6.79		
270.00	11.74	580.00	6.71		
280.00	11.54	590.00	6.61		
290.00	11.25	600.00	6.51		
300.00	11.09	610.00	6.44		

Cruise: GULFCET 07
Latitude: 29° 13.01' N

Station: 13-127
Longitude: 88° 10.00' W

Probe Type: T-10
Date: 6-Dec-1993 Time: 0031

Depth (m)	Temp. (°C)
0.00	23.10
10.00	23.09
20.00	23.09
30.00	23.09
40.00	23.09
50.00	23.09
60.00	21.98
70.00	20.69
80.00	20.03
90.00	19.28
100.00	18.62
110.00	18.16
120.00	17.68
130.00	17.27
140.00	17.03
150.00	16.76
160.00	16.48
170.00	16.38

Cruise: GULFCET 07
Latitude: 29° 10.50' N

Station: 13-128
Longitude: 88° 09.97' W

Probe Type: T-7
Date: 6-Dec-1993 Time: 0110

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.82	310.00	12.65
10.00	22.73	320.00	12.72
20.00	22.75	330.00	12.66
30.00	22.75	340.00	12.82
40.00	22.76	350.00	12.86
50.00	22.75	360.00	12.20
60.00	22.13		
70.00	21.00		
80.00	20.16		
90.00	19.28		
100.00	18.44		
110.00	17.91		
120.00	17.46		
130.00	17.04		
140.00	16.77		
150.00	16.49		
160.00	16.23		
170.00	16.01		
180.00	15.80		
190.00	15.62		
200.00	15.50		
210.00	15.16		
220.00	14.84		
230.00	14.75		
240.00	14.52		
250.00	14.21		
260.00	13.95		
270.00	13.81		
280.00	13.56		
290.00	13.26		
300.00	12.71		

Cruise: GULFCET 07 Station: 13-129 Probe Type: T-7
 Latitude: 29° 08.52' N Longitude: 88° 10.10' W Date: 6-Dec-1993 Time: 0054

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.62	310.00	12.37
10.00	22.58	320.00	12.17
20.00	22.60	330.00	11.97
30.00	22.60	340.00	11.68
40.00	22.64	350.00	11.52
50.00	22.67	360.00	11.29
60.00	22.38	370.00	11.22
70.00	21.19	380.00	10.98
80.00	20.49	390.00	10.84
90.00	19.56	400.00	10.71
100.00	19.01	410.00	10.54
110.00	18.25	420.00	10.35
120.00	17.86	430.00	10.13
130.00	17.38	440.00	9.68
140.00	16.89	450.00	9.40
150.00	16.69	460.00	9.25
160.00	16.38	470.00	9.08
170.00	16.08	480.00	8.74
180.00	15.83	490.00	8.63
190.00	15.54		
200.00	15.24		
210.00	14.89		
220.00	14.67		
230.00	14.52		
240.00	14.26		
250.00	14.05		
260.00	13.76		
270.00	13.52		
280.00	13.29		
290.00	12.95		
300.00	12.69		

Cruise: GULFCET 07 Station: 13-130 Probe Type: T-7
 Latitude: 29° 05.00' N Longitude: 88° 10.02' W Date: 6-Dec-1993 Time: 0024

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.52	310.00	11.96	620.00	6.91
10.00	22.48	320.00	11.72	630.00	6.77
20.00	22.50	330.00	11.55	640.00	6.68
30.00	22.57	340.00	11.32	650.00	6.60
40.00	22.60	350.00	11.13	660.00	6.47
50.00	22.64	360.00	10.87	670.00	6.37
60.00	22.57	370.00	10.79	680.00	6.32
70.00	21.28	380.00	10.67	690.00	6.17
80.00	20.21	390.00	10.41	700.00	6.08
90.00	19.48	400.00	10.31	710.00	6.01
100.00	19.11	410.00	10.07	720.00	5.92
110.00	18.45	420.00	9.90	730.00	5.82
120.00	17.82	430.00	9.77	740.00	5.75
130.00	17.41	440.00	9.60		
140.00	17.00	450.00	9.44		
150.00	16.59	460.00	9.21		
160.00	16.21	470.00	8.99		
170.00	15.78	480.00	8.89		
180.00	15.53	490.00	8.80		
190.00	15.05	500.00	8.62		
200.00	14.75	510.00	8.48		
210.00	14.43	520.00	8.35		
220.00	14.15	530.00	8.14		
230.00	13.86	540.00	7.92		
240.00	13.60	550.00	7.70		
250.00	13.35	560.00	7.52		
260.00	13.15	570.00	7.46		
270.00	12.89	580.00	7.33		
280.00	12.63	590.00	7.19		
290.00	12.35	600.00	7.15		
300.00	12.19	610.00	7.05		

Cruise: GULFCET 07 Station: 13-131 Probe Type: T-7
 Latitude: 29° 02.99' N Longitude: 88° 10.04' W Date: 6-Dec-1993 Time: 0008

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.37	310.00	11.97	620.00	7.08
10.00	23.36	320.00	11.76	630.00	6.93
20.00	23.35	330.00	11.51	640.00	6.87
30.00	23.35	340.00	11.26	650.00	6.79
40.00	23.35	350.00	10.98	660.00	6.72
50.00	23.32	360.00	10.75	670.00	6.66
60.00	23.00	370.00	10.58	680.00	6.54
70.00	21.67	380.00	10.44	690.00	6.44
80.00	20.81	390.00	10.24	700.00	6.35
90.00	19.95	400.00	10.08	710.00	6.25
100.00	19.24	410.00	9.95	720.00	6.16
110.00	18.58	420.00	9.81	730.00	6.10
120.00	18.08	430.00	9.62	740.00	6.03
130.00	17.44	440.00	9.44	750.00	5.97
140.00	16.99	450.00	9.34	760.00	5.92
150.00	16.58	460.00	9.15	770.00	5.86
160.00	16.16	470.00	8.98	780.00	5.78
170.00	15.89	480.00	8.85	790.00	5.66
180.00	15.62	490.00	8.75	800.00	5.64
190.00	15.25	500.00	8.58	810.00	5.58
200.00	14.99	510.00	8.45	820.00	5.54
210.00	14.65	520.00	8.29		
220.00	14.37	530.00	8.11		
230.00	14.06	540.00	8.01		
240.00	13.72	550.00	7.89		
250.00	13.51	560.00	7.79		
260.00	13.26	570.00	7.58		
270.00	13.01	580.00	7.43		
280.00	12.84	590.00	7.37		
290.00	12.58	600.00	7.21		
300.00	12.28	610.00	7.15		

Cruise: GULFCET 07 Station: 13-132 Probe Type: T-7
 Latitude: 28° 48.98' N Longitude: 88° 10.01' W Date: 5-Dec-1993 Time: 2208

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.41	310.00	12.35	620.00	7.28
10.00	23.31	320.00	12.12	630.00	7.21
20.00	23.31	330.00	11.80	640.00	7.01
30.00	23.31	340.00	11.54	650.00	6.80
40.00	23.32	350.00	11.24	660.00	6.77
50.00	23.31	360.00	11.04	670.00	6.71
60.00	23.31	370.00	10.91	680.00	6.63
70.00	23.31	380.00	10.73	690.00	6.53
80.00	21.87	390.00	10.57	700.00	6.46
90.00	20.58	400.00	10.39	710.00	6.39
100.00	19.39	410.00	10.34	720.00	6.30
110.00	18.58	420.00	10.32	730.00	6.21
120.00	18.24	430.00	9.95	740.00	6.13
130.00	17.87	440.00	9.66	750.00	6.06
140.00	17.31	450.00	9.48	760.00	5.99
150.00	16.99	460.00	9.34	770.00	5.93
160.00	16.75	470.00	9.12	780.00	5.89
170.00	16.35	480.00	9.06	790.00	5.81
180.00	16.00	490.00	8.93	800.00	5.77
190.00	15.71	500.00	8.74	810.00	5.72
200.00	15.33	510.00	8.54	820.00	5.64
210.00	15.06	520.00	8.34		
220.00	14.66	530.00	8.14		
230.00	14.22	540.00	8.08		
240.00	13.96	550.00	8.02		
250.00	13.73	560.00	7.91		
260.00	13.45	570.00	7.75		
270.00	13.21	580.00	7.70		
280.00	12.96	590.00	7.59		
290.00	12.76	600.00	7.48		
300.00	12.53	610.00	7.37		

Cruise: GULFCET 07 Station: 14-137 Probe Type: T-7
 Latitude: 29° 04.00' N Longitude: 87° 29.95' W Date: 5-Dec-1993 Time: 0820

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.74	310.00	11.65	620.00	6.98
10.00	22.74	320.00	11.42	630.00	6.90
20.00	22.74	330.00	11.18	640.00	6.73
30.00	22.75	340.00	11.01	650.00	6.62
40.00	22.75	350.00	10.81	660.00	6.50
50.00	22.75	360.00	10.64	670.00	6.42
60.00	22.74	370.00	10.45	680.00	6.35
70.00	21.37	380.00	10.32	690.00	6.27
80.00	20.57	390.00	10.07	700.00	6.20
90.00	19.61	400.00	9.84	710.00	6.13
100.00	19.01	410.00	9.75	720.00	6.03
110.00	18.32	420.00	9.64	730.00	5.95
120.00	17.74	430.00	9.39	740.00	5.88
130.00	17.16	440.00	9.22	750.00	5.82
140.00	16.86	450.00	9.04	760.00	5.75
150.00	16.42	460.00	8.85	770.00	5.67
160.00	16.01	470.00	8.71	780.00	5.61
170.00	15.66	480.00	8.65	790.00	5.57
180.00	15.28	490.00	8.56	800.00	5.55
190.00	14.96	500.00	8.40	810.00	5.52
200.00	14.59	510.00	8.31	820.00	5.47
210.00	14.16	520.00	8.17		
220.00	13.78	530.00	8.00		
230.00	13.59	540.00	7.84		
240.00	13.34	550.00	7.71		
250.00	13.02	560.00	7.71		
260.00	12.73	570.00	7.61		
270.00	12.49	580.00	7.51		
280.00	12.30	590.00	7.39		
290.00	12.08	600.00	7.25		
300.00	11.87	610.00	7.11		

Cruise: GULFCET 07 Station: 14-138 Probe Type: T-7
 Latitude: 29° 15.01' N Longitude: 87° 30.00' W Date: 5-Dec-1993 Time: 0647

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.81	310.00	11.49	620.00	6.81
10.00	22.83	320.00	11.27	630.00	6.74
20.00	22.84	330.00	11.08	640.00	6.69
30.00	22.84	340.00	10.98	650.00	6.53
40.00	22.84	350.00	10.88	660.00	6.41
50.00	22.85	360.00	10.75	670.00	6.29
60.00	22.85	370.00	10.64	680.00	6.18
70.00	21.34	380.00	10.61	690.00	6.15
80.00	20.22	390.00	10.45	700.00	6.10
90.00	19.33	400.00	10.26	710.00	5.98
100.00	18.58	410.00	10.07	720.00	5.92
110.00	18.13	420.00	9.95	730.00	5.83
120.00	17.71	430.00	9.66	740.00	5.77
130.00	17.28	440.00	9.54	750.00	5.73
140.00	16.80	450.00	9.54	760.00	5.67
150.00	16.31	460.00	9.37	770.00	5.64
160.00	15.92	470.00	9.33	780.00	5.58
170.00	15.51	480.00	9.25		
180.00	15.09	490.00	9.11		
190.00	14.86	500.00	8.93		
200.00	14.67	510.00	8.77		
210.00	14.32	520.00	8.46		
220.00	14.05	530.00	8.19		
230.00	13.74	540.00	7.96		
240.00	13.31	550.00	7.85		
250.00	13.07	560.00	7.60		
260.00	12.82	570.00	7.48		
270.00	12.53	580.00	7.29		
280.00	12.34	590.00	7.12		
290.00	12.00	600.00	7.01		
300.00	11.74	610.00	6.92		

Cruise: GULFCET 07 Station: 14-139 Probe Type: T-7
 Latitude: 29° 17.01' N Longitude: 87° 30.01' W Date: 5-Dec-1993 Time: 0630

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.76	310.00	11.82	620.00	7.18
10.00	22.77	320.00	11.65	630.00	7.06
20.00	22.79	330.00	11.44	640.00	7.02
30.00	22.80	340.00	11.20	650.00	6.97
40.00	22.79	350.00	11.01	660.00	6.92
50.00	22.80	360.00	10.90	670.00	6.83
60.00	22.80	370.00	10.74	680.00	6.63
70.00	21.63	380.00	10.49	690.00	6.45
80.00	20.42	390.00	10.43	700.00	6.18
90.00	19.58	400.00	10.41	710.00	5.97
100.00	18.86	410.00	10.20	720.00	5.81
110.00	18.25	420.00	10.08	730.00	5.74
120.00	17.75	430.00	10.03	740.00	5.70
130.00	17.22	440.00	9.93	750.00	5.55
140.00	16.76	450.00	9.86		
150.00	16.42	460.00	9.75		
160.00	16.06	470.00	9.67		
170.00	15.77	480.00	9.63		
180.00	15.47	490.00	9.58		
190.00	15.09	500.00	9.31		
200.00	14.80	510.00	9.00		
210.00	14.47	520.00	8.89		
220.00	14.30	530.00	8.63		
230.00	14.08	540.00	8.02		
240.00	13.79	550.00	7.99		
250.00	13.59	560.00	7.85		
260.00	13.24	570.00	7.79		
270.00	12.95	580.00	7.68		
280.00	12.62	590.00	7.45		
290.00	12.38	600.00	7.28		
300.00	12.04	610.00	7.27		

Cruise: GULFCET 07 Station: 14-140 Probe Type: T-7
 Latitude: 29° 19.99' N Longitude: 87° 30.06' W Date: 5-Dec-1993 Time: 0604

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.83	310.00	12.26
10.00	22.82	320.00	12.00
20.00	22.83	330.00	11.73
30.00	22.83	340.00	11.55
40.00	22.83	350.00	11.47
50.00	22.83	360.00	11.40
60.00	22.83	370.00	11.34
70.00	21.66		
80.00	20.40		
90.00	19.54		
100.00	18.84		
110.00	18.34		
120.00	17.63		
130.00	17.04		
140.00	16.84		
150.00	16.50		
160.00	16.04		
170.00	15.74		
180.00	15.44		
190.00	15.26		
200.00	15.05		
210.00	14.79		
220.00	14.63		
230.00	14.30		
240.00	14.06		
250.00	13.84		
260.00	13.67		
270.00	13.34		
280.00	13.11		
290.00	12.74		
300.00	12.47		

Cruise: GULFCET 07
Latitude: 29° 22.00' N

Station: 14-141
Longitude: 87° 30.05' W

Probe Type: T-7
Date: 5-Dec-1993 Time: 0547

Depth (m)	Temp. (°C)
0.00	22.65
10.00	22.65
20.00	22.66
30.00	22.65
40.00	22.62
50.00	22.64
60.00	22.70
70.00	21.14
80.00	20.35

Cruise: GULFCET 07
Latitude: 29° 25.01' N

Station: 14-142
Longitude: 87° 29.96' W

Probe Type: T-10
Date: 5-Dec-1993 Time: 0522

Depth (m)	Temp. (°C)
0.00	22.51
10.00	22.50
20.00	22.51
30.00	22.50
40.00	22.51
50.00	22.51
60.00	22.52
70.00	21.84
80.00	20.64
90.00	19.69
100.00	19.09
110.00	18.57
120.00	17.93
130.00	17.37
140.00	16.58
150.00	16.40
160.00	16.36

Cruise: GULFCET 07 Station: 06-EX5 Probe Type: T-7
 Latitude: 26° 58.96' N Longitude: 92° 49.58' W Date: 11-Dec-1993 Time: 1035

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.75	320.00	10.16	620.00	6.23
10.00	23.69	330.00	9.96	630.00	6.14
20.00	23.69	340.00	9.70	640.00	6.06
30.00	23.69	350.00	9.52	650.00	5.98
40.00	23.70	360.00	9.26	660.00	5.90
50.00	23.70	370.00	9.06	670.00	5.86
60.00	23.59	380.00	8.90	680.00	5.82
70.00	22.12	390.00	8.72	690.00	5.77
80.00	20.97	400.00	8.60	700.00	5.73
90.00	19.77	410.00	8.46	710.00	5.70
100.00	18.69	420.00	8.29	720.00	5.67
110.00	17.57	430.00	8.20	730.00	5.64
120.00	16.83	440.00	8.08	740.00	5.59
130.00	16.03	450.00	8.04	750.00	5.53
140.00	15.08	460.00	7.89	760.00	5.49
150.00	14.36	470.00	7.74	770.00	5.46
160.00	13.83	480.00	7.59	780.00	5.39
170.00	13.54	490.00	7.48	790.00	5.32
180.00	13.09	510.00	7.23	800.00	5.29
190.00	12.73	520.00	7.16	810.00	5.26
200.00	12.52	530.00	7.05	820.00	5.23
210.00	12.30	540.00	6.94		
220.00	12.06	550.00	6.90		
230.00	11.86	560.00	6.81		
240.00	11.60	570.00	6.75		
250.00	11.42	580.00	6.63		
260.00	11.21	590.00	6.50		
270.00	11.04	600.00	6.41		
280.00	10.92	610.00	6.29		
290.00	10.68				
300.00	10.51				
310.00	10.33				

Cruise: GULFCET 07 Station: 06-EX6 Probe Type: T-7
 Latitude: 26° 51.37' N Longitude: 92° 49.66' W Date: 11-Dec-1993 Time: 1152

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.58	310.00	10.14	620.00	6.25
10.00	23.58	320.00	9.98	630.00	6.17
20.00	23.56	330.00	9.74	640.00	6.10
30.00	23.56	340.00	9.54	650.00	6.02
40.00	23.55	350.00	9.38	660.00	5.98
50.00	23.55	360.00	9.21	670.00	5.90
60.00	23.54	370.00	9.07	680.00	5.83
70.00	21.82	380.00	8.88	690.00	5.79
80.00	20.63	390.00	8.72	700.00	5.72
90.00	19.34	400.00	8.55	710.00	5.67
100.00	18.68	410.00	8.43	720.00	5.63
110.00	17.58	420.00	8.32	730.00	5.62
120.00	16.93	430.00	8.17	740.00	5.56
130.00	16.07	440.00	7.98	750.00	5.53
140.00	15.44	450.00	7.85	760.00	5.47
150.00	14.93	460.00	7.76	770.00	5.42
160.00	14.36	470.00	7.71	780.00	5.41
170.00	13.92	480.00	7.53	790.00	5.37
180.00	13.62	490.00	7.51	800.00	5.33
190.00	13.24	500.00	7.40	810.00	5.30
200.00	12.83	510.00	7.37	820.00	5.28
210.00	12.40	520.00	7.20		
220.00	12.14	530.00	7.07		
230.00	11.77	540.00	6.97		
240.00	11.46	550.00	6.94		
250.00	11.30	560.00	6.78		
260.00	10.99	570.00	6.67		
270.00	10.83	580.00	6.59		
280.00	10.72	590.00	6.51		
290.00	10.55	600.00	6.39		
300.00	10.32	610.00	6.35		

Cruise: GULFCET 07 Station: 06-EX7 Probe Type: T-7
 Latitude: 26° 29.78' N Longitude: 92° 50.06' W Date: 11-Dec-1993 Time: 1536

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.68	310.00	10.68	620.00	6.37
10.00	23.57	320.00	10.37	630.00	6.29
20.00	23.58	330.00	10.15	640.00	6.20
30.00	23.58	340.00	10.01	650.00	6.14
40.00	23.57	350.00	9.84	660.00	6.09
50.00	23.59	360.00	9.69	670.00	6.05
60.00	23.54	370.00	9.60	680.00	5.99
70.00	21.52	380.00	9.36	690.00	5.92
80.00	20.31	390.00	9.13	700.00	5.86
90.00	19.22	400.00	9.01	710.00	5.83
100.00	18.36	410.00	8.85	720.00	5.77
110.00	17.66	420.00	8.64	730.00	5.72
120.00	17.29	430.00	8.50	740.00	5.65
130.00	16.89	440.00	8.40	750.00	5.61
140.00	16.27	450.00	8.26	760.00	5.56
150.00	15.80	460.00	8.13	770.00	5.53
160.00	15.43	470.00	7.94	780.00	5.50
170.00	15.11	480.00	7.82	790.00	5.46
180.00	14.76	490.00	7.69	800.00	5.40
190.00	14.43	500.00	7.55	810.00	5.37
200.00	14.03	510.00	7.44	820.00	5.33
210.00	13.73	520.00	7.24		
220.00	13.30	530.00	7.14		
230.00	12.90	540.00	7.01		
240.00	12.66	550.00	6.91		
250.00	12.40	560.00	6.85		
260.00	12.16	570.00	6.74		
270.00	11.80	580.00	6.63		
280.00	11.49	590.00	6.56		
290.00	11.21	600.00	6.50		
300.00	11.01	610.00	6.43		

Cruise: GULFCET 07 Station: 11-EX1 Probe Type: T-10
 Latitude: 28° 37.81' N Longitude: 89° 29.99' W Date: 7-Dec-1993 Time: 0530

Depth (m)	Temp. (°C)
0.00	21.64
10.00	21.64
20.00	22.06
30.00	22.94
40.00	23.39
50.00	23.21
60.00	23.29
70.00	21.41
80.00	20.13
90.00	18.97
100.00	18.55
110.00	17.39
120.00	16.61
130.00	16.03
140.00	15.74
150.00	15.35
160.00	15.02
170.00	14.64
180.00	14.14
190.00	13.78
200.00	13.49
210.00	13.08

Cruise: GULFCET 07 Station: 11-EX2 Probe Type: T-7
 Latitude: 27° 45.50' N Longitude: 89° 29.78' W Date: 7-Dec-1993 Time: 0650

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.88	310.00	10.16	620.00	6.22
10.00	22.71	320.00	9.99	630.00	6.16
20.00	22.93	330.00	9.77	640.00	6.07
30.00	22.95	340.00	9.62	650.00	5.99
40.00	22.96	350.00	9.40	660.00	5.93
50.00	22.97	360.00	9.18	670.00	5.87
60.00	22.97	370.00	9.01	680.00	5.81
70.00	22.08	380.00	8.91	690.00	5.74
80.00	20.80	390.00	8.71	700.00	5.67
90.00	19.54	400.00	8.60	710.00	5.61
100.00	18.41	410.00	8.41	720.00	5.57
110.00	17.43	420.00	8.24	730.00	5.53
120.00	16.62	430.00	8.00	740.00	5.50
130.00	15.87	440.00	7.85	750.00	5.45
140.00	15.23	450.00	7.77	760.00	5.38
150.00	14.74	460.00	7.70	770.00	5.34
160.00	14.24	470.00	7.44	780.00	5.32
170.00	13.94	480.00	7.36	790.00	5.28
180.00	13.62	490.00	7.30	800.00	5.26
190.00	13.29	500.00	7.22	810.00	5.23
200.00	12.97	510.00	7.15	820.00	5.20
210.00	12.77	520.00	6.99		
220.00	12.44	530.00	6.86		
230.00	12.30	540.00	6.72		
240.00	11.92	550.00	6.65		
250.00	11.59	560.00	6.57		
260.00	11.27	570.00	6.52		
270.00	11.04	580.00	6.48		
280.00	10.83	590.00	6.39		
290.00	10.58	600.00	6.36		
300.00	10.41	610.00	6.29		

Cruise: GULFCET 07 Station: 11-EX3 Probe Type: T-7
 Latitude: 28° 32.31' N Longitude: 89° 30.11' W Date: 7-Dec-1993 Time: 1415

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.98	310.00	13.23
10.00	22.95	320.00	13.10
20.00	22.99	330.00	12.26
30.00	23.06		
40.00	23.09		
50.00	23.04		
60.00	22.67		
70.00	21.06		
80.00	19.93		
90.00	18.93		
100.00	18.41		
110.00	17.62		
120.00	17.07		
130.00	16.88		
140.00	16.31		
150.00	15.62		
160.00	15.39		
170.00	15.15		
180.00	15.10		
190.00	15.04		
200.00	14.98		
210.00	14.96		
220.00	14.89		
230.00	14.39		
240.00	14.16		
250.00	14.15		
260.00	13.61		
270.00	13.52		
280.00	13.47		
290.00	13.42		
300.00	13.41		

Cruise: GULFCET 07
Latitude: 27° 56.12' N

Station: NL-E10
Longitude: 93° 48.50' W

Probe Type: T-7
Date: 12-Dec-1993 Time: 1420

Depth (m)	Temp. (°C)
0.00	23.65
10.00	23.48
20.00	23.47
30.00	23.48
40.00	23.49
50.00	23.16
60.00	22.71
70.00	22.30
80.00	20.51
90.00	19.26
100.00	18.61
110.00	18.25

Cruise: GULFCET 07
Latitude: 27° 14.35' N

Station: NL-EX8
Longitude: 93° 32.03' W

Probe Type: T-7
Date: 12-Dec-1993 Time: 0934

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.95	310.00	11.68	620.00	7.01
10.00	23.92	320.00	11.57	630.00	6.89
20.00	23.91	330.00	11.40	640.00	6.79
30.00	23.92	340.00	11.10	650.00	6.69
40.00	23.92	350.00	10.85	660.00	6.58
50.00	23.92	360.00	10.56	670.00	6.50
60.00	23.91	370.00	10.36	680.00	6.39
70.00	23.78	380.00	10.18	690.00	6.30
80.00	23.23	390.00	10.05	700.00	6.26
90.00	21.74	400.00	9.91	710.00	6.19
100.00	20.53	410.00	9.76	720.00	6.13
110.00	19.27	420.00	9.47	730.00	6.08
120.00	18.58	430.00	9.29	740.00	6.02
130.00	18.16	440.00	9.05	750.00	5.99
140.00	17.68	450.00	8.94	760.00	5.99
150.00	17.17	460.00	8.76	770.00	5.96
160.00	16.74	470.00	8.68		
170.00	16.42	480.00	8.56		
180.00	16.11	490.00	8.42		
190.00	15.66	500.00	8.32		
200.00	15.21	510.00	8.19		
210.00	14.85	520.00	8.00		
220.00	14.43	530.00	7.87		
230.00	14.12	540.00	7.78		
240.00	13.78	550.00	7.66		
250.00	13.49	560.00	7.58		
260.00	13.14	570.00	7.53		
270.00	12.86	580.00	7.45		
280.00	12.65	590.00	7.38		
290.00	12.42	600.00	7.27		
300.00	11.98	610.00	7.16		

Cruise: GULFCET 07
Latitude: 27° 44.57' N

Station: NL-EX9
Longitude: 93° 43.40' W

Probe Type: T-7
Date: 12-Dec-1993 Time: 1310

Depth (m)	Temp. (°C)
0.00	23.89
10.00	23.81
20.00	23.80
30.00	23.80
40.00	23.46
50.00	23.23
60.00	22.95
70.00	22.72
80.00	21.45
90.00	19.74
100.00	19.21
110.00	18.37
120.00	17.92
130.00	17.56
140.00	17.18
150.00	16.74
160.00	16.47
170.00	15.91
180.00	15.73
190.00	15.37
200.00	14.99
210.00	14.50
220.00	13.92

8.3 Conductivity/Temperature/Depth (CTD) Data

Cruise 7 CTD Positions

CTD station	Date	Start time	Latitude (north)	Longitude (west)	Depth (m)	CTD station	Date	Start time	Latitude (north)	Longitude (west)	Depth (m)
05-050	12 Dec 93	0438	26° 45.82'	93° 30.07'	1470	10-097	08 Dec 93	0728	27° 09.93'	90° 09.92'	2000
05-053	11 Dec 93	2237	26° 09.97'	93° 29.99'	2000	10-100	08 Dec 93	0151	27° 45.97'	90° 09.88'	735
06-054	11 Dec 93	1749	26° 14.04'	92° 50.00'	2000	10-105	07 Dec 93	2119	28° 15.95'	90° 09.95'	94
06-055	11 Dec 93	1243	26° 46.04'	92° 50.13'	1745	11-106	07 Dec 93	1602	28° 44.95'	89° 30.09'	95
06-059	11 Dec 93	0605	27° 25.99'	92° 50.00'	1035	11-112	07 Dec 93	0940	28° 05.98'	89° 29.99'	1075
06-064	11 Dec 93	0047	28° 01.96'	92° 49.98'	97	11-115	07 Dec 93	0302	27° 27.01'	89° 29.96'	2000
07-065	10 Dec 93	2037	28° 01.99'	92° 10.01'	101	12-116	06 Dec 93	2200	27° 25.90'	88° 49.97'	2000
07-071	10 Dec 93	1430	27° 25.88'	92° 09.91'	775	12-117	06 Dec 93	1828	27° 45.95'	88° 49.99'	1575
07-073	10 Dec 93	0752	26° 46.04'	92° 09.95'	1800	12-119	06 Dec 93	1205	28° 25.96'	88° 50.04'	1300
07-075	10 Dec 93	0309	26° 17.12'	92° 09.95'	2000	12-125	06 Dec 93	0605	29° 06.47'	88° 50.03'	90
08-076	09 Dec 93	2115	26° 37.02'	91° 29.96'	2000	13-126	06 Dec 93	0208	29° 16.46'	88° 09.97'	97
08-080	09 Dec 93	1311	27° 26.04'	91° 29.98'	940	13-133	05 Dec 93	2107	28° 45.97'	88° 09.96'	1850
08-086	09 Dec 93	0705	28° 07.47'	91° 30.03'	97	13-134	05 Dec 93	1857	28° 37.00'	88° 10.00'	2000
09-087	09 Dec 93	0249	28° 09.05'	90° 49.98'	99	14-135	05 Dec 93	1355	28° 30.98'	87° 29.98'	2000
09-093	08 Dec 93	1939	27° 26.04'	90° 50.01'	1300	14-136	05 Dec 93	1056	28° 45.97'	87° 30.04'	1600
09-096	08 Dec 93	1257	26° 45.02'	90° 50.06'	2000	14-143	05 Dec 93	0455	29° 26.84'	87° 29.97'	90

CTD Data

Cruise: GULFCET 07	Station: 05-050	Lat: 26° 45.82	Long: 93° 30.07
Date: 12-Dec-93	Time: 0438	Wind Speed: 5.7 m/s	Wave Dir: °
Depth: 1470 m	Wind Dir: 128 °	Air Temp Wet: 15.5 °C	Secchi Depth: m
Barometer: 29.97 in.	Air Temp Dry: 18.5 °C		

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	23.400	23.398	36.155	24.695	324.21	1531.88	4.883		10.07
20	23.400	23.396	36.155	24.695	324.59	1532.05	5.020		20.14
30	23.428	23.422	36.202	24.722	322.39	1532.34	5.042		30.20
50	23.493	23.483	36.264	24.750	320.52	1532.90	4.805		50.34
75	23.088	23.072	36.275	24.877	309.40	1532.32	4.776		75.52
100	22.170	22.150	36.531	25.335	266.73	1530.66	4.455		100.69
125	18.966	18.943	36.425	26.121	192.66	1522.26	3.220		125.88
150	17.323	17.297	36.311	26.444	162.55	1517.79	3.170		151.06
200	15.703	15.671	36.080	26.648	144.47	1513.45	3.175		201.44
250	13.755	13.719	35.770	26.835	127.52	1507.74	3.078		251.83
300	12.271	12.231	35.536	26.954	116.91	1503.37	3.038		302.23
400	10.288	10.240	35.252	27.100	104.26	1497.80	2.929		403.07
500	8.624	8.570	35.047	27.215	93.96	1493.16	3.012		503.96
600	7.552	7.491	34.946	27.298	86.74	1490.66	3.146		604.90
700	6.640	6.573	34.896	27.386	78.76	1488.74	3.493		705.89

Cruise: GULFCET 07	Station: 05-053	Lat: 26° 09.97	Long: 93° 29.99
Date: 11-Dec-93	Time: 2237	Wind Speed: 4.7 m/s	Wave Dir: °
Depth: 2000 m	Wind Dir: 94.5 °	Air Temp Wet: 15 °C	Secchi Depth: m
Barometer: 30.05 in.	Air Temp Dry: 19.5 °C		

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	24.298	24.296	36.310	24.546	338.40	1534.27	4.649		10.07
20	24.300	24.296	36.310	24.545	338.87	1534.45	4.779		20.14
30	24.288	24.281	36.311	24.550	338.80	1534.59	4.636		30.20
50	24.306	24.295	36.310	24.544	340.20	1534.97	4.622		50.34
75	24.309	24.293	36.312	24.544	341.19	1535.40	4.639		75.52
100	22.702	22.682	36.357	25.051	293.83	1531.84	4.359		100.69
125	20.577	20.553	36.502	25.755	227.64	1526.82	3.571		125.88
150	19.382	19.354	36.550	26.109	194.77	1523.99	3.252		151.06
200	16.171	16.138	36.142	26.588	150.26	1514.96	3.120		201.44
250	14.478	14.440	35.887	26.771	133.85	1510.21	3.125		251.83
300	12.918	12.876	35.638	26.904	121.92	1505.66	3.121		302.23
400	10.614	10.565	35.292	27.073	107.05	1499.01	3.144		403.07
500	8.807	8.752	35.057	27.194	96.14	1493.85	3.072		503.96
600	7.496	7.435	34.941	27.302	86.26	1490.44	3.283		604.90
700	6.483	6.417	34.888	27.401	77.12	1488.11	3.625		705.89
800	5.757	5.686	34.889	27.496	68.40	1486.91	3.977		806.92

Cruise: GULFCET 07 **Station:** 06-054
Date: 11-Dec-93 **Time:** 1749 **Lat:** 26° 14.04 **Long:** 92° 50.00
Depth: 2000 m **Wind Dir:** 40.6 ° **Wind Speed:** 7.4 m/s **Wave Dir:** °
Barometer: 30.02 in. **Air Temp Dry:** 19.2 °C **Air Temp Wet:** 16 °C **Secchi Depth:** m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	23.665	23.663	36.355	24.768	317.21	1532.76	4.856		10.07
20	23.667	23.663	36.354	24.767	317.71	1532.93	4.772		20.14
30	23.668	23.661	36.353	24.767	318.19	1533.10	4.818		30.20
50	23.679	23.668	36.372	24.777	317.95	1533.49	4.846		50.34
75	21.245	21.230	36.505	25.574	243.00	1527.78	4.551		75.52
100	18.558	18.541	36.376	26.187	185.39	1520.63	3.370		100.69
125	16.584	16.564	36.187	26.525	153.87	1515.02	3.283		125.88
150	15.216	15.193	35.994	26.691	138.66	1511.00	3.193		151.06
200	13.491	13.462	35.723	26.853	124.30	1505.99	3.237		201.44
250	11.986	11.953	35.491	26.974	113.62	1501.51	3.248		251.83
300	10.779	10.741	35.315	27.061	105.95	1497.95	3.102		302.23
400	9.040	8.995	35.093	27.185	95.21	1493.09	3.034		403.07
500	7.739	7.688	34.959	27.281	86.88	1489.72	3.184		503.96
600	6.647	6.590	34.891	27.382	77.72	1487.09	3.534		604.90
700	5.960	5.897	34.885	27.467	70.12	1486.04	3.788		705.89

Cruise: GULFCET 07 **Station:** 06-055
Date: 11-Dec-93 **Time:** 1243 **Lat:** 26° 46.04 **Long:** 92° 50.13
Depth: 1745 m **Wind Dir:** 72 ° **Wind Speed:** 16.0 m/s **Wave Dir:** 25 °
Barometer: 30.04 in. **Air Temp Dry:** 20.2 °C **Air Temp Wet:** 16.5 °C **Secchi Depth:** 25 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	23.635	23.633	36.338	24.765	317.55	1532.67	4.583		10.07
20	23.624	23.619	36.345	24.774	317.11	1532.81	4.483		20.14
30	23.635	23.629	36.344	24.770	317.91	1533.01	4.691		30.20
50	23.631	23.620	36.347	24.772	318.42	1533.34	4.795		50.34
75	20.728	20.713	36.513	25.722	228.90	1526.40	4.005		75.52
100	18.501	18.483	36.459	26.265	177.97	1520.56	3.365		100.69
125	17.150	17.129	36.286	26.466	159.56	1516.83	3.335		125.88
150	15.882	15.858	36.100	26.622	145.36	1513.19	3.272		151.06
200	13.729	13.700	35.785	26.852	124.53	1506.84	3.187		201.44
250	12.109	12.076	35.517	26.970	114.02	1501.96	3.177		251.83
300	11.020	10.982	35.355	27.049	107.27	1498.85	3.166		302.23
400	9.145	9.100	35.091	27.166	97.09	1493.47	3.192		403.07
500	7.721	7.670	34.947	27.274	87.45	1489.64	3.261		503.96
600	6.585	6.529	34.892	27.391	76.78	1486.85	3.587		604.90
700	5.781	5.719	34.890	27.494	67.38	1485.34	4.013		705.89
800	5.414	5.345	34.899	27.546	63.12	1485.55	4.227		806.92

Cruise: GULFCET 07
Date: 11-Dec-93
Depth: 1035 m
Barometer: 30.03 in.

Station: 06-059
Time: 0605
Wind Dir: 56 °
Air Temp Dry: 21 °C

Lat: 27° 25.99
Wind Speed: 12.0 m/s
Air Temp Wet: 17.5 °C

Long: 92° 50.00
Wave Dir: °
Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	23.552	23.550	36.359	24.805	313.73	1532.48	4.953		10.07
20	23.556	23.552	36.360	24.804	314.21	1532.66	4.943		20.14
30	23.558	23.552	36.360	24.804	314.64	1532.83	4.915		30.20
50	23.557	23.547	36.361	24.805	315.28	1533.17	4.914		50.34
75	19.948	19.934	36.528	25.943	207.88	1524.29	3.629		75.52
100	18.060	18.043	36.388	26.322	172.57	1519.20	3.333		100.69
125	16.875	16.854	36.256	26.510	155.40	1515.97	3.345		125.88
150	15.580	15.557	36.058	26.659	141.81	1512.21	3.268		151.06
200	14.024	13.995	35.813	26.811	128.44	1507.83	3.293		201.44
250	12.701	12.667	35.605	26.922	118.83	1504.07	3.267		251.83
300	11.713	11.673	35.465	27.006	111.71	1501.38	3.024		302.23
400	9.626	9.580	35.166	27.146	99.40	1495.32	3.005		403.07
500	8.161	8.108	34.993	27.245	90.71	1491.36	3.131		503.96
600	7.214	7.155	34.919	27.325	83.74	1489.33	3.353		604.90
700	6.507	6.441	34.889	27.399	77.37	1488.21	3.558		705.89
800	6.107	6.033	34.886	27.449	73.43	1488.30	3.706		806.92

Cruise: GULFCET 07
Date: 11-Dec-93
Depth: 97 m
Barometer: 29.97 in.

Station: 06-064
Time: 0047
Wind Dir: 54 °
Air Temp Dry: 22 °C

Lat: 28° 01.96
Wind Speed: 10.0 m/s
Air Temp Wet: 21 °C

Long: 92° 49.98
Wave Dir: °
Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	23.432	23.430	36.308	24.802	314.06	1532.12	4.845	.065	10.07
20	23.423	23.419	36.310	24.806	314.03	1532.27	4.890	.065	20.14
30	23.300	23.294	36.325	24.853	309.91	1532.15	4.933	.094	30.20
50	23.053	23.043	36.320	24.921	304.24	1531.86	4.898	.251	50.34
75	22.931	22.916	36.344	24.975	300.12	1531.99	4.872	.262	75.52

Cruise: GULFCET 07
Date: 10-Dec-93
Depth: 101 m
Barometer: 29.94 in.

Station: 07-065
Time: 2037
Wind Dir: 13.9 °
Air Temp Dry: 22 °C

Lat: 28° 01.99
Wind Speed: 6.1 m/s
Air Temp Wet: 20.8 °C

Long: 92° 10.01
Wave Dir: °
Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	24.286	24.284	36.265	24.516	341.28	1534.19	4.835	.053	10.07
20	24.277	24.272	36.266	24.519	341.35	1534.34	4.803	.065	20.14
30	24.148	24.141	36.284	24.572	336.76	1534.21	4.795	.062	30.20
50	23.471	23.461	36.280	24.769	318.76	1532.87	4.865	.168	50.34
75	22.932	22.917	36.265	24.915	305.82	1531.91	4.924	.278	75.52

Cruise: GULFCET 07 **Station:** 07-071
Date: 10-Dec-93 **Time:** 1430 **Lat:** 27° 25.88 **Long:** 92° 09.91
Depth: 775 m **Wind Dir:** 256 ° **Wind Speed:** 4.3 m/s **Wave Dir:** 225 °
Barometer: 29.87 in. **Air Temp Dry:** 24 °C **Air Temp Wet:** 22.5 °C **Secchi Depth:** 30 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	24.240	24.238	36.255	24.522	340.70	1534.07	4.754		10.07
20	24.216	24.212	36.256	24.530	340.36	1534.18	4.762		20.14
30	24.154	24.148	36.252	24.546	339.25	1534.20	4.815		30.20
50	23.483	23.472	36.279	24.764	319.17	1532.89	4.758		50.34
75	20.669	20.655	36.605	25.808	220.76	1526.34	3.841		75.52
100	18.406	18.389	36.398	26.243	180.13	1520.21	3.360		100.69
125	16.924	16.903	36.256	26.498	156.54	1516.12	3.279		125.88
150	15.697	15.673	36.072	26.643	143.34	1512.59	3.355		151.06
200	14.587	14.556	35.902	26.759	133.56	1509.74	3.238		201.44
250	12.921	12.886	35.635	26.901	120.88	1504.83	3.206		251.83
300	11.887	11.847	35.478	26.983	113.98	1501.99	3.112		302.23
400	9.795	9.748	35.178	27.127	101.32	1495.94	3.109		403.07
500	8.217	8.164	34.998	27.240	91.25	1491.58	3.114		503.96
600	7.097	7.038	34.914	27.337	82.46	1488.87	3.328		604.90
700	6.151	6.087	34.886	27.444	72.65	1486.80	3.714		705.89

Cruise: GULFCET 07 **Station:** 07-073
Date: 10-Dec-93 **Time:** 0752 **Lat:** 26° 46.04 **Long:** 92° 09.95
Depth: 1800 m **Wind Dir:** 223.5° **Wind Speed:** 4.3 m/s **Wave Dir:** 220 °
Barometer: 29.93 in. **Air Temp Dry:** 23 °C **Air Temp Wet:** 21 °C **Secchi Depth:** 30 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	23.692	23.690	36.331	24.742	319.70	1532.80	5.008		10.07
20	23.698	23.693	36.331	24.741	320.21	1532.98	4.999		20.14
30	23.698	23.692	36.331	24.741	320.65	1533.15	4.978		30.20
50	23.701	23.690	36.331	24.740	321.52	1533.50	4.933		50.34
75	19.954	19.940	36.546	25.955	206.69	1524.33	3.918		75.52
100	18.121	18.104	36.409	26.323	172.50	1519.40	3.526		100.69
125	16.988	16.967	36.278	26.499	156.41	1516.34	3.640		125.88
150	15.848	15.824	36.101	26.631	144.54	1513.09	3.384		151.06
200	13.997	13.967	35.816	26.819	127.66	1507.75	3.148		201.44
250	12.624	12.590	35.600	26.934	117.65	1503.80	3.118		251.83
300	11.226	11.188	35.381	27.031	109.05	1499.60	3.162		302.23
400	9.407	9.361	35.131	27.155	98.39	1494.48	3.143		403.07
500	7.882	7.831	34.965	27.264	88.60	1490.27	3.343		503.96
600	6.880	6.822	34.903	27.359	80.15	1488.01	3.557		604.90
700	6.088	6.024	34.884	27.450	71.91	1486.55	3.887		705.89
800	5.579	5.509	34.895	27.522	65.64	1486.21	4.179		806.92

Cruise: GULFCET 07 Station: 07-075
 Date: 10-Dec-93 Time: 0309
 Depth: 2000 m Wind Dir: 210.4°
 Barometer: 29.89 in. Air Temp Dry: 23.2 °C

Lat: 26° 17.12
 Wind Speed: 7.3 m/s
 Air Temp Wet: 20 °C

Long: 92° 09.95
 Wave Dir: °
 Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	23.784	23.782	36.293	24.687	325.01	1532.99	4.937		10.07
20	23.787	23.783	36.293	24.686	325.48	1533.16	4.910		20.14
30	23.790	23.783	36.293	24.685	325.93	1533.34	4.966		30.20
50	23.793	23.782	36.294	24.685	326.78	1533.68	4.960		50.34
75	22.603	22.588	36.401	25.113	286.93	1531.22	4.729		75.52
100	19.242	19.224	36.498	26.105	193.27	1522.71	3.694		100.69
125	17.088	17.067	36.257	26.459	160.21	1516.61	3.388		125.88
150	16.045	16.021	36.123	26.602	147.30	1513.72	3.291		151.06
200	14.231	14.202	35.841	26.788	130.67	1508.53	3.359		201.44
250	12.888	12.853	35.640	26.912	119.82	1504.73	3.250		251.83
300	11.746	11.707	35.459	26.994	112.81	1501.49	3.209		302.23
400	9.568	9.522	35.146	27.139	99.96	1495.09	3.219		403.07
500	8.219	8.167	35.000	27.241	91.10	1491.59	3.225		503.96
600	7.018	6.960	34.907	27.343	81.81	1488.56	3.487		604.90
700	6.124	6.061	34.888	27.448	72.16	1486.70	3.856		705.89
800	5.600	5.529	34.893	27.519	66.02	1486.29	4.164		806.92

Cruise: GULFCET 07 Station: 08-076
 Date: 9-Dec-93 Time: 2115
 Depth: 2000 m Wind Dir: 180.4°
 Barometer: 29.96 in. Air Temp Dry: 22.5 °C

Lat: 26° 37.02
 Wind Speed: 6.4 m/s
 Air Temp Wet: 20 °C

Long: 91° 29.96
 Wave Dir: °
 Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	24.034	24.032	36.282	24.604	332.89	1533.59	4.844		10.07
20	24.035	24.030	36.282	24.604	333.31	1533.76	4.856		20.14
30	24.033	24.027	36.279	24.602	333.86	1533.92	4.790		30.20
50	24.039	24.029	36.280	24.601	334.74	1534.28	4.824		50.34
75	24.025	24.009	36.278	24.604	335.49	1534.66	4.783		75.52
100	22.034	22.014	36.327	25.219	277.77	1530.08	4.526		100.69
125	20.008	19.984	36.524	25.924	211.49	1525.29	3.482		125.88
150	18.554	18.528	36.472	26.262	180.09	1521.56	3.459		151.06
200	16.086	16.054	36.133	26.601	149.03	1514.70	3.296		201.44
250	14.260	14.223	35.854	26.793	131.71	1509.47	3.130		251.83
300	12.903	12.861	35.633	26.904	121.98	1505.61	3.238		302.23
400	10.503	10.454	35.281	27.084	105.87	1498.60	3.172		403.07
500	8.811	8.756	35.064	27.199	95.65	1493.88	3.091		503.96
600	7.533	7.472	34.943	27.298	86.71	1490.58	3.250		604.90
700	6.555	6.489	34.889	27.392	78.07	1488.40	3.593		705.89
800	5.936	5.864	34.888	27.473	70.94	1487.62	3.846		806.92

Cruise: GULFCET 07 **Station:** 08-080
Date: 9-Dec-93 **Time:** 1311 **Lat:** 27° 26.04 **Long:** 91° 29.98
Depth: 940 m **Wind Dir:** 180.8° **Wind Speed:** 6.9 m/s **Wave Dir:** 140 °
Barometer: 29.98 in. **Air Temp Dry:** 23.5 °C **Air Temp Wet:** 20.8 °C **Secchi Depth:** 28 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	24.112	24.109	36.314	24.605	332.75	1533.82	4.867		10.07
20	24.103	24.099	36.316	24.609	332.80	1533.97	4.876		20.14
30	24.093	24.086	36.315	24.612	332.95	1534.11	4.917		30.20
50	23.903	23.892	36.322	24.674	327.84	1533.99	4.885		50.34
75	21.294	21.279	36.374	25.461	253.76	1527.76	4.138		75.52
100	20.253	20.234	36.575	25.897	213.13	1525.60	3.525		100.69
125	18.742	18.719	36.461	26.206	184.56	1521.67	3.222		125.88
150	17.486	17.460	36.318	26.410	165.84	1518.28	3.161		151.06
200	15.733	15.701	36.076	26.638	145.37	1513.54	3.245		201.44
250	14.263	14.226	35.849	26.789	132.11	1509.48	3.376		251.83
300	12.783	12.742	35.627	26.923	120.09	1505.20	3.216		302.23
400	10.606	10.557	35.286	27.070	107.35	1498.97	3.158		403.07
500	8.771	8.716	35.056	27.199	95.58	1493.72	3.056		503.96
600	7.495	7.434	34.936	27.298	86.63	1490.43	3.237		604.90
700	6.515	6.449	34.890	27.398	77.45	1488.24	3.539		705.89
800	5.852	5.781	34.887	27.483	69.85	1487.29	3.897		806.92

Cruise: GULFCET 07 **Station:** 08-086 **Lat:** 28° 07.47 **Long:** 91° 30.03
Date: 9-Dec-93 **Time:** 0705 **Wind Speed:** 11.0 m/s **Wave Dir:** 180 °
Depth: 97 m **Wind Dir:** 168 ° **Air Temp Dry:** 20 °C **Air Temp Wet:** 18.2 °C **Secchi Depth:** 22 m
Barometer: 30.04 in.

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	24.738	24.736	36.233	24.355	356.63	1535.26	4.812	.056	10.07
20	24.433	24.428	36.250	24.460	347.02	1534.71	4.818	.061	20.14
30	24.335	24.329	36.246	24.487	344.84	1534.63	4.861	.072	30.20
50	24.210	24.199	36.253	24.529	341.61	1534.67	4.886	.114	50.34
75	21.915	21.900	36.343	25.264	272.47	1529.37	4.396	.142	75.52

Cruise: GULFCET 07 **Station:** 09-087 **Lat:** 28° 09.05 **Long:** 90° 49.98
Date: 9-Dec-93 **Time:** 0249 **Wind Speed:** 4 m/s **Wave Dir:** °
Depth: 99 m **Wind Dir:** 146 ° **Air Temp Dry:** 21 °C **Air Temp Wet:** 19 °C **Secchi Depth:** m
Barometer: 30.03 in.

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	23.542	23.540	36.307	24.768	317.22	1532.40	4.942	.079	10.07
20	23.537	23.533	36.309	24.771	317.34	1532.56	4.912	.085	20.14
30	23.509	23.503	36.318	24.787	316.28	1532.67	4.937	.101	30.20
50	23.424	23.413	36.319	24.812	314.62	1532.79	4.886	.174	50.34
75	22.318	22.303	36.381	25.179	280.65	1530.46	4.542	.170	75.52

Cruise: GULFCET 07 Station: 09-093
 Date: 8-Dec-93 Time: 1939
 Depth: 1300 m Wind Dir: 142.7°
 Barometer: 30.06 in. Air Temp Dry: 21.2 °C

Lat: 27° 26.04
 Wind Speed: 21.0 m/s
 Air Temp Wet: 18.5 °C

Long: 90° 50.01
 Wave Dir: °
 Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.437	25.435	36.241	24.147	376.42	1536.94	4.598		10.07
20	25.434	25.430	36.242	24.149	376.68	1537.10	4.581		20.14
30	25.408	25.401	36.242	24.157	376.31	1537.21	4.605		30.20
50	25.365	25.354	36.245	24.173	375.63	1537.45	4.652		50.34
75	25.249	25.233	36.244	24.207	373.33	1537.60	4.580		75.52
100	23.329	23.308	36.334	24.852	312.81	1533.41	4.423		100.69
125	21.240	21.216	36.463	25.544	247.77	1528.56	3.866		125.88
150	19.183	19.156	36.442	26.077	197.67	1523.31	3.293		151.06
200	16.853	16.820	36.236	26.500	158.80	1517.14	3.136		201.44
250	15.308	15.269	36.016	26.688	142.03	1512.99	3.305		251.83
300	13.463	13.420	35.726	26.862	126.27	1507.57	3.069		302.23
400	11.022	10.972	35.346	27.042	110.29	1500.51	3.141		403.07
500	9.064	9.007	35.081	27.172	98.46	1494.83	3.118		503.96
600	7.887	7.825	34.965	27.264	90.35	1491.96	3.173		604.90
700	6.823	6.755	34.897	27.363	81.25	1489.45	3.441		705.89
800	6.143	6.069	34.885	27.444	73.98	1488.44	3.774		806.92

Cruise: GULFCET 07 Station: 09-096
 Date: 8-Dec-93 Time: 1257
 Depth: 2000 m Wind Dir: 66.1 °
 Barometer: 30.07 in. Air Temp Dry: 22.5 °C

Lat: 26° 45.02
 Wind Speed: 5.6 m/s
 Air Temp Wet: 19 °C

Long: 90° 50.06
 Wave Dir: 45 °
 Secchi Depth: 32 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.578	25.576	36.329	24.170	374.25	1537.37	4.712		10.07
20	25.565	25.560	36.327	24.172	374.45	1537.51	4.689		20.14
30	25.557	25.551	36.326	24.174	374.68	1537.66	4.667		30.20
50	25.557	25.546	36.326	24.174	375.51	1537.99	4.690		50.34
75	25.559	25.543	36.326	24.173	376.59	1538.42	4.615		75.52
100	24.349	24.327	36.337	24.552	341.47	1535.95	4.679		100.69
125	23.317	23.290	36.598	25.055	294.44	1534.09	4.231		125.88
150	21.127	21.097	36.580	25.664	237.30	1528.81	3.826		151.06
200	17.978	17.943	36.404	26.355	172.86	1520.66	3.484		201.44
250	15.840	15.800	36.104	26.635	147.24	1514.74	3.448		251.83
300	14.346	14.301	35.860	26.779	134.49	1510.59	3.166		302.23
400	11.201	11.150	35.373	27.030	111.52	1501.17	3.185		403.07
500	9.894	9.834	35.202	27.129	103.38	1498.00	2.903		503.96
600	8.657	8.592	35.054	27.215	95.89	1494.96	2.951		604.90
700	7.390	7.319	34.933	27.311	86.93	1491.69	3.170		705.89
800	6.330	6.256	34.880	27.415	76.97	1489.17	3.619		806.92

Cruise: GULFCET 07 Station: 10-097 Lat: 27° 09.93 Long: 90° 09.92
 Date: 8-Dec-93 Time: 0728 Wind Speed: 4.2 m/s Wave Dir: 90°
 Depth: 2000 m Wind Dir: 64.4° Air Temp Wet: 21.5 °C Secchi Depth: 24 m
 Barometer: 30.13 in. Air Temp Dry: 22 °C

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	25.049	25.047	36.247	24.271	364.62	1536.02	4.805		10.07
20	25.055	25.050	36.247	24.269	365.19	1536.21	4.862		20.14
30	25.055	25.048	36.247	24.269	365.62	1536.38	4.848		30.20
50	25.059	25.048	36.247	24.268	366.52	1536.72	4.772		50.34
75	24.625	24.609	36.268	24.416	353.44	1536.12	4.790		75.52
100	23.008	22.987	36.452	25.035	295.36	1532.73	4.391		100.69
125	21.011	20.987	36.502	25.637	238.91	1527.99	3.834		125.88
150	19.268	19.241	36.516	26.112	194.37	1523.64	3.346		151.06
200	16.517	16.484	36.204	26.555	153.52	1516.09	3.215		201.44
250	14.446	14.408	35.876	26.769	133.99	1510.10	3.314		251.83
300	12.780	12.738	35.614	26.914	120.98	1505.17	3.294		302.23
400	10.566	10.517	35.284	27.075	106.79	1498.83	3.143		403.07
500	8.804	8.749	35.056	27.194	96.17	1493.84	3.201		503.96
600	7.573	7.512	34.953	27.300	86.54	1490.75	3.297		604.90
700	6.595	6.529	34.898	27.394	77.93	1488.57	3.641		705.89
800	5.853	5.781	34.886	27.482	69.92	1487.29	4.065		806.92

Cruise: GULFCET 07 Station: 10-100 Lat: 27° 45.97 Long: 90° 09.88
 Date: 8-Dec-93 Time: 0151 Wind Speed: 1.2 m/s Wave Dir: °
 Depth: 735 m Wind Dir: 159.2° Air Temp Wet: 17.5 °C Secchi Depth: m
 Barometer: 30.08 in. Air Temp Dry: 20.5 °C

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	24.447	24.445	36.243	24.451	347.50	1534.56	4.911		10.07
20	24.435	24.431	36.242	24.454	347.60	1534.70	4.913		20.14
30	24.369	24.362	36.249	24.478	345.66	1534.72	4.872		30.20
50	24.252	24.241	36.252	24.516	342.84	1534.77	4.863		50.34
75	23.215	23.199	36.334	24.885	308.66	1532.70	4.757		75.52
100	19.412	19.393	36.414	25.997	203.54	1523.09	3.447		100.69
125	17.372	17.351	36.306	26.428	163.26	1517.51	3.310		125.88
150	16.288	16.264	36.173	26.584	149.05	1514.52	3.320		151.06
200	14.903	14.872	35.954	26.730	136.43	1510.81	3.313		201.44
250	13.157	13.121	35.668	26.880	123.02	1505.66	3.282		251.83
300	11.786	11.747	35.458	26.987	113.58	1501.62	3.211		302.23
400	10.115	10.068	35.220	27.104	103.69	1497.15	3.209		403.07
500	10.115	10.068	35.220	27.104	103.69	1497.15	3.209		403.07
600	8.446	8.392	35.009	27.213	93.97	1492.45	2.966		503.96
700	7.415	7.355	34.919	27.297	86.65	1490.10	3.139		604.90
800	6.494	6.428	34.886	27.398	77.40	1488.16	3.474		705.89

Cruise: GULFCET 07 Station: 10-105 Lat: 28° 15.95 Long: 90° 09.95
 Date: 7-Dec-93 Time: 2119 Wind Speed: 0.8 m/s Wave Dir: °
 Depth: 94 m Wind Dir: 260° Air Temp Wet: 17 °C Secchi Depth: m
 Barometer: 30.11 in. Air Temp Dry: 19.5 °C

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.699	22.697	35.201	24.174	373.82	1529.05	5.270	1.011	10.07
20	22.881	22.877	35.745	24.534	339.87	1530.28	4.993	.331	20.14
30	23.124	23.117	36.006	24.663	328.05	1531.35	4.856	.177	30.20
50	22.649	22.639	36.110	24.879	308.22	1530.59	4.611	.158	50.34
75	19.406	19.392	36.392	25.981	204.15	1522.63	2.903	.057	75.52

Cruise: GULFCET 07 Station: 11-106 Lat: 28° 44.95 Long: 89° 30.09
 Date: 7-Dec-93 Time: 1602 Wind Speed: 6.4 m/s Wave Dir: 40°
 Depth: 95 m Wind Dir: 64° Air Temp Wet: 16°C Secchi Depth: 5 m
 Barometer: 30.07 in. Air Temp Dry: 18°C

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.212	22.210	34.673	23.911	398.88	1527.21	4.808	.302	10.07
20	22.197	22.192	35.178	24.299	362.26	1527.90	4.728	.136	20.14
30	22.711	22.704	35.818	24.639	330.30	1530.10	4.691	.108	30.20
50	22.718	22.708	35.908	24.705	324.74	1530.55	4.629	.077	50.34
75	20.955	20.941	36.404	25.577	242.69	1526.89	3.622	.093	75.52

Cruise: GULFCET 07 Station: 11-112 Lat: 28° 05.98 Long: 89° 29.99
 Date: 7-Dec-93 Time: 0940 Wind Speed: 6.6 m/s Wave Dir: 90°
 Depth: 1075 m Wind Dir: 117.6° Air Temp Wet: 17°C Secchi Depth: 29 m
 Barometer: 30.12 in. Air Temp Dry: 20.5°C

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	23.186	23.184	36.122	24.732	320.64	1531.30	5.321		10.07
20	23.181	23.176	36.127	24.738	320.51	1531.46	5.237		20.14
30	23.135	23.129	36.143	24.764	318.45	1531.53	5.256		30.20
50	23.043	23.032	36.163	24.806	315.24	1531.66	5.224		50.34
75	20.718	20.704	36.520	25.730	228.13	1526.38	4.301		75.52
100	18.479	18.461	36.441	26.257	178.76	1520.47	3.571		100.69
125	16.909	16.888	36.265	26.508	155.57	1516.09	3.805		125.88
150	15.807	15.783	36.101	26.640	143.67	1512.96	3.795		151.06
200	13.791	13.762	35.779	26.834	126.16	1507.04	3.579		201.44
250	12.156	12.123	35.511	26.956	115.35	1502.12	3.443		251.83
300	11.089	11.051	35.349	27.032	108.93	1499.08	3.398		302.23
400	9.398	9.353	35.119	27.147	99.14	1494.43	3.330		403.07
500	7.997	7.945	34.969	27.250	90.01	1490.71	3.340		503.96
600	6.855	6.797	34.891	27.353	80.66	1487.90	3.570		604.90
700	6.149	6.085	34.882	27.440	72.95	1486.79	3.896		705.89
800	5.516	5.447	34.893	27.529	64.93	1485.95	4.204		806.92

Cruise: GULFCET 07 Station: 11-115 Lat: 27° 27.01 Long: 89° 29.96
 Date: 7-Dec-93 Time: 0302 Wind Speed: 3.9 m/s Wave Dir: °
 Depth: 2000 m Wind Dir: 66.9° Air Temp Wet: 16°C Secchi Depth: m
 Barometer: 30.05 in. Air Temp Dry: 19.5°C

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.940	22.938	35.807	24.565	336.62	1530.33	5.086		10.07
20	23.007	23.003	35.829	24.562	337.24	1530.70	5.061		20.14
30	23.102	23.095	35.907	24.594	334.63	1531.19	4.968		30.20
50	23.283	23.272	36.040	24.642	330.82	1532.13	4.910		50.34
75	21.553	21.538	36.352	25.372	262.21	1528.43	4.064		75.52
100	18.397	18.379	36.386	26.236	180.76	1520.18	3.260		100.69
125	17.291	17.270	36.311	26.452	160.98	1517.28	3.381		125.88
150	15.951	15.927	36.109	26.613	146.25	1513.42	3.228		151.06
200	13.964	13.935	35.802	26.815	128.03	1507.62	3.209		201.44
250	12.436	12.402	35.555	26.936	117.36	1503.12	3.275		251.83
300	11.246	11.208	35.376	27.024	109.75	1499.66	3.202		302.23
400	9.447	9.402	35.127	27.145	99.33	1494.62	3.136		403.07
500	7.924	7.872	34.957	27.252	89.75	1490.42	3.283		503.96
600	6.713	6.656	34.888	27.370	78.86	1487.35	3.597		604.90
700	6.069	6.006	34.882	27.450	71.87	1486.47	3.901		705.89
800	5.456	5.387	34.895	27.538	63.96	1485.71	4.301		806.92

Cruise: GULFCET 07 Station: 12-116
 Date: 7-Dec-93 Time: 2200
 Depth: 2000 m Wind Dir: 53 °
 Barometer: 30.08 in. Air Temp Dry: 18.2 °C

Lat: 27° 25.90 Long: 88° 49.97
 Wind Speed: 4.6 m/s Wave Dir: °
 Air Temp Wet: 15.5 °C Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.210	22.208	35.416	24.476	345.01	1528.03	5.056		10.07
20	22.219	22.215	35.438	24.490	344.07	1528.24	5.091		20.14
30	22.235	22.229	35.445	24.491	344.36	1528.46	5.092		30.20
50	22.268	22.258	36.357	25.175	280.04	1529.88	4.249		50.34
75	19.790	19.776	36.435	25.914	210.62	1523.74	3.272		75.52
100	17.475	17.458	36.309	26.406	164.54	1517.40	3.200		100.69
125	15.980	15.960	36.110	26.607	146.01	1513.09	3.241		125.88
150	14.772	14.749	35.925	26.737	134.25	1509.52	3.264		151.06
200	13.213	13.184	35.684	26.881	121.60	1505.03	3.246		201.44
250	11.930	11.897	35.482	26.977	113.25	1501.31	3.198		251.83
300	10.762	10.725	35.308	27.059	106.17	1497.89	3.132		302.23
400	9.116	9.072	35.090	27.170	96.71	1493.37	3.087		403.07
500	7.770	7.719	34.948	27.267	88.18	1489.83	3.203		503.96
600	6.647	6.590	34.889	27.380	77.85	1487.09	3.499		604.90
700	5.854	5.792	34.886	27.481	68.68	1485.62	3.884		705.89
800	5.267	5.199	34.903	27.567	60.89	1484.96	4.290		806.92

Cruise: GULFCET 07 Station: 12-117
 Date: 6-Dec-93 Time: 1828
 Depth: 1575 m Wind Dir: 349 °
 Barometer: 30.08 in. Air Temp Dry: 18.8 °C

Lat: 27° 45.95 Long: 88° 49.99
 Wind Speed: 6.3 m/s Wave Dir: °
 Air Temp Wet: 16 °C Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	23.115	23.113	36.154	24.777	316.37	1531.16	5.001		10.07
20	23.116	23.112	36.156	24.779	316.62	1531.33	4.896		20.14
30	23.107	23.101	36.173	24.794	315.58	1531.49	4.957		30.20
50	22.754	22.744	36.293	24.987	297.95	1531.06	4.852		50.34
75	19.587	19.573	36.543	26.050	197.70	1523.30	3.770		75.52
100	17.455	17.438	36.325	26.423	162.91	1517.36	3.680		100.69
125	16.274	16.254	36.173	26.587	147.95	1514.06	3.727		125.88
150	15.356	15.332	36.023	26.682	139.54	1511.47	3.688		151.06
200	13.673	13.644	35.749	26.836	126.00	1506.62	3.501		201.44
250	11.917	11.884	35.473	26.973	113.61	1501.26	3.401		251.83
300	10.513	10.476	35.264	27.070	105.02	1496.95	3.276		302.23
400	8.764	8.721	35.039	27.187	94.83	1492.01	3.266		403.07
500	7.308	7.259	34.896	27.294	85.21	1488.00	3.450		503.96
600	6.439	6.383	34.862	27.387	76.95	1486.24	3.714		604.90
700	5.841	5.778	34.885	27.482	68.53	1485.57	3.961		705.89
800	5.396	5.326	34.898	27.547	62.98	1485.47	4.211		806.92

Cruise: GULFCET 07 Station: 12-119
 Date: 6-Dec-93 Time: 1205
 Depth: 1300 m Wind Dir: 353 °
 Barometer: 30.05 in. Air Temp Dry: 18.5 °C

Lat: 28° 25.96
 Wind Speed: 5.8 m/s
 Air Temp Wet: 15.5 °C

Long: 88° 50.04
 Wave Dir: 350 °
 Secchi Depth: 26 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	23.363	23.361	35.944	24.546	338.44	1531.55	4.835		10.07
20	23.362	23.358	35.953	24.553	338.14	1531.73	4.894		20.14
30	23.360	23.353	35.976	24.571	336.80	1531.92	4.878		30.20
50	23.359	23.348	35.987	24.580	336.74	1532.26	4.900		50.34
75	22.144	22.129	36.573	25.375	262.03	1530.22	4.134		75.52
100	19.768	19.750	36.606	26.050	198.58	1524.30	3.693		100.69
125	18.383	18.361	36.481	26.312	174.43	1520.66	3.737		125.88
150	16.837	16.812	36.258	26.520	155.26	1516.28	3.558		151.06
200	15.237	15.206	36.004	26.695	139.88	1511.92	3.535		201.44
250	13.533	13.497	35.724	26.846	126.42	1506.96	3.501		251.83
300	12.239	12.199	35.518	26.946	117.63	1503.24	3.425		302.23
400	10.239	10.191	35.220	27.083	105.80	1497.59	3.315		403.07
500	8.661	8.607	35.014	27.184	96.96	1493.26	3.344		503.96
600	7.462	7.401	34.901	27.276	88.70	1490.26	3.417		604.90
700	6.568	6.502	34.885	27.388	78.52	1488.45	3.670		705.89
800	5.833	5.761	34.885	27.484	69.73	1487.21	4.061		806.92

Cruise: GULFCET 07 Station: 12-125
 Date: 6-Dec-93 Time: 0605
 Depth: 90 m Wind Dir: 318.2 °
 Barometer: 30.03 in. Air Temp Dry: 16 °C

Lat: 29° 06.47
 Wind Speed: 5.1 m/s
 Air Temp Wet: 15 °C

Long: 88° 50.03
 Wave Dir: °
 Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	21.556	21.555	34.530	23.985	391.83	1525.33	5.274	.404	10.07
20	22.848	22.844	35.758	24.554	338.02	1530.21	5.035	.171	20.14
30	22.915	22.909	35.859	24.611	332.93	1530.66	4.988	.147	30.20
50	22.854	22.844	35.876	24.642	330.80	1530.86	4.950	.118	50.34
75	19.128	19.115	36.429	26.082	194.60	1521.89	3.235	.058	75.52

Cruise: GULFCET 07 Station: 13-126
 Date: 6-Dec-93 Time: 0208
 Depth: 97 m Wind Dir: 323 °
 Barometer: 29.98 in. Air Temp Dry: 18 °C

Lat: 29° 16.46
 Wind Speed: 5.8 m/s
 Air Temp Wet: 15.5 °C

Long: 88° 09.97
 Wave Dir: °
 Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.495	22.493	35.841	24.718	321.99	1529.23	5.074	.276	10.07
20	22.513	22.508	35.841	24.713	322.82	1529.44	5.073	.300	20.14
30	22.510	22.504	35.841	24.714	323.15	1529.61	5.077	.256	30.20
50	22.499	22.489	35.921	24.778	317.79	1530.00	4.878	.266	50.34
75	19.595	19.581	36.463	25.986	203.70	1523.24	3.485	.086	75.52

Cruise: GULFCET 07 Station: 13-133
 Date: 5-Dec-93 Time: 2107
 Depth: 1850 m Wind Dir: 2.8 °
 Barometer: 29.98 in. Air Temp Dry: 17.8 °C

Lat: 28° 45.97
 Wind Speed: 3.8 m/s
 Air Temp Wet: 14 °C

Long: 88° 09.96
 Wave Dir: °
 Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	23.341	23.339	36.065	24.644	329.08	1531.63	4.823		10.07
20	23.341	23.337	36.065	24.644	329.44	1531.80	4.897		20.14
30	23.343	23.336	36.064	24.643	329.92	1531.97	4.924		30.20
50	23.347	23.336	36.064	24.642	330.82	1532.32	4.884		50.34
75	22.701	22.686	36.391	25.077	290.38	1531.46	4.686		75.52
100	20.068	20.049	36.545	25.924	210.59	1525.06	3.710		100.69
125	18.435	18.413	36.494	26.309	174.73	1520.83	3.668		125.88
150	17.208	17.182	36.286	26.453	161.70	1517.42	3.432		151.06
200	15.336	15.305	36.012	26.678	141.48	1512.23	3.570		201.44
250	14.137	14.100	35.828	26.799	131.08	1509.05	3.553		251.83
300	12.817	12.776	35.619	26.910	121.34	1505.30	3.503		302.23
400	10.687	10.638	35.283	27.053	108.99	1499.26	3.371		403.07
500	9.282	9.225	35.091	27.144	101.28	1495.64	3.273		503.96
600	7.786	7.724	34.936	27.256	91.00	1491.54	3.336		604.90
700	6.585	6.519	34.874	27.376	79.61	1488.49	3.674		705.89
800	6.006	5.933	34.883	27.459	72.28	1487.89	3.961		806.92

Cruise: GULFCET 07 Station: 13-134
 Date: 5-Dec-93 Time: 1857
 Depth: 2000 m Wind Dir: 317 °
 Barometer: 29.96 in. Air Temp Dry: 17.5 °C

Lat: 28° 37.00
 Wind Speed: 4 m/s
 Air Temp Wet: 15 °C

Long: 88° 10.00
 Wave Dir: °
 Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	23.329	23.327	36.057	24.642	329.28	1531.59	4.945		10.07
20	23.332	23.328	36.057	24.640	329.78	1531.77	4.936		20.14
30	23.333	23.326	36.057	24.640	330.18	1531.94	4.897		30.20
50	23.316	23.306	36.060	24.647	330.31	1532.24	4.941		50.34
75	21.896	21.881	36.636	25.492	250.86	1529.64	4.009		75.52
100	19.722	19.704	36.595	26.054	198.19	1524.16	3.652		100.69
125	18.162	18.140	36.452	26.345	171.22	1519.99	3.672		125.88
150	17.456	17.431	36.356	26.446	162.39	1518.23	3.764		151.06
200	16.107	16.074	36.145	26.605	148.59	1514.77	3.782		201.44
250	14.378	14.341	35.856	26.769	134.04	1509.86	3.551		251.83
300	12.990	12.948	35.638	26.890	123.36	1505.90	3.521		302.23
400	10.538	10.489	35.257	27.059	108.27	1498.70	3.362		403.07
500	8.869	8.814	35.022	27.157	99.66	1494.04	3.288		503.96
600	8.190	8.126	34.958	27.212	95.57	1493.09	3.268		604.90
700	7.055	6.986	34.899	27.332	84.51	1490.36	3.405		705.89
800	6.000	5.927	34.876	27.455	72.69	1487.86	3.883		806.92

Cruise: GULFCET 07 Station: 14-135
 Date: 5-Dec-93 Time: 1355
 Depth: 2000 m Wind Dir: 306 °
 Barometer: 29.94 in. Air Temp Dry: 17.5 °C

Lat: 28° 30.98
 Wind Speed: 3 m/s
 Air Temp Wet: 14.7 °C

Long: 87° 29.98
 Wave Dir: 320 °
 Secchi Depth: 30 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	23.390	23.388	36.043	24.613	332.03	1531.73	4.928		10.07
20	23.386	23.382	36.042	24.614	332.36	1531.89	4.924		20.14
30	23.383	23.377	36.041	24.614	332.71	1532.05	4.984		30.20
50	23.379	23.369	36.041	24.615	333.40	1532.38	4.964		50.34
75	21.131	21.117	36.531	25.625	238.13	1527.50	3.924		75.52
100	19.757	19.738	36.601	26.049	198.65	1524.26	3.581		100.69
125	18.409	18.387	36.480	26.305	175.13	1520.73	3.627		125.88
150	17.423	17.397	36.346	26.447	162.31	1518.12	3.790		151.06
200	15.564	15.533	36.047	26.654	143.85	1512.99	3.318		201.44
250	14.195	14.158	35.829	26.787	132.23	1509.24	3.344		251.83
300	13.420	13.378	35.713	26.860	126.37	1507.41	3.273		302.23
400	11.137	11.086	35.355	27.028	111.69	1500.92	3.137		403.07
500	9.577	9.519	35.140	27.133	102.63	1496.77	3.095		503.96
600	7.979	7.916	34.964	27.249	91.88	1492.30	3.133		604.90
700	6.703	6.636	34.885	27.369	80.43	1488.97	3.457		705.89

Cruise: GULFCET 07 Station: 14-136
 Date: 5-Dec-93 Time: 1056
 Depth: 1600 m Wind Dir: 344 °
 Barometer: 29.99 in. Air Temp Dry: 17 °C

Lat: 28° 45.97
 Wind Speed: 4.8 m/s
 Air Temp Wet: 16 °C

Long: 87° 30.04
 Wave Dir: 330 °
 Secchi Depth: m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	23.083	23.081	36.014	24.680	325.61	1530.92	4.986		10.07
20	23.040	23.036	36.004	24.685	325.52	1530.97	4.993		20.14
30	22.995	22.989	35.983	24.683	326.15	1531.00	5.004		30.20
50	22.998	22.988	35.988	24.685	326.66	1531.35	4.965		50.34
75	21.662	21.647	36.538	25.483	251.65	1528.92	4.325		75.52
100	19.527	19.508	36.576	26.091	194.70	1523.59	3.703		100.69
125	18.074	18.052	36.433	26.353	170.46	1519.71	3.717		125.88
150	17.067	17.042	36.288	26.488	158.35	1517.00	3.771		151.06
200	15.396	15.364	36.039	26.686	140.73	1512.45	3.752		201.44
250	13.968	13.931	35.798	26.811	129.85	1508.47	3.616		251.83
300	12.688	12.647	35.600	26.921	120.23	1504.85	3.387		302.23
400	10.573	10.524	35.278	27.069	107.35	1498.85	3.277		403.07
500	9.106	9.050	35.081	27.165	99.17	1494.98	3.257		503.96
600	7.744	7.682	34.945	27.269	89.72	1491.39	3.395		604.90
700	6.401	6.336	34.880	27.406	76.58	1487.78	3.840		705.89
800	5.794	5.723	34.886	27.489	69.19	1487.06	4.215		806.92

Cruise: GULFCET 07 Station: 14-143
 Date: 5-Dec-93 Time: 0455
 Depth: 90 m Wind Dir: 7.4 °
 Barometer: 29.90 in. Air Temp Dry: 15 °C

Lat: 29° 26.84
 Wind Speed: 34.0 m/s
 Air Temp Wet: 13.5 °C

Long: 87° 29.97
 Wave Dir: °
 Secchi Depth: m

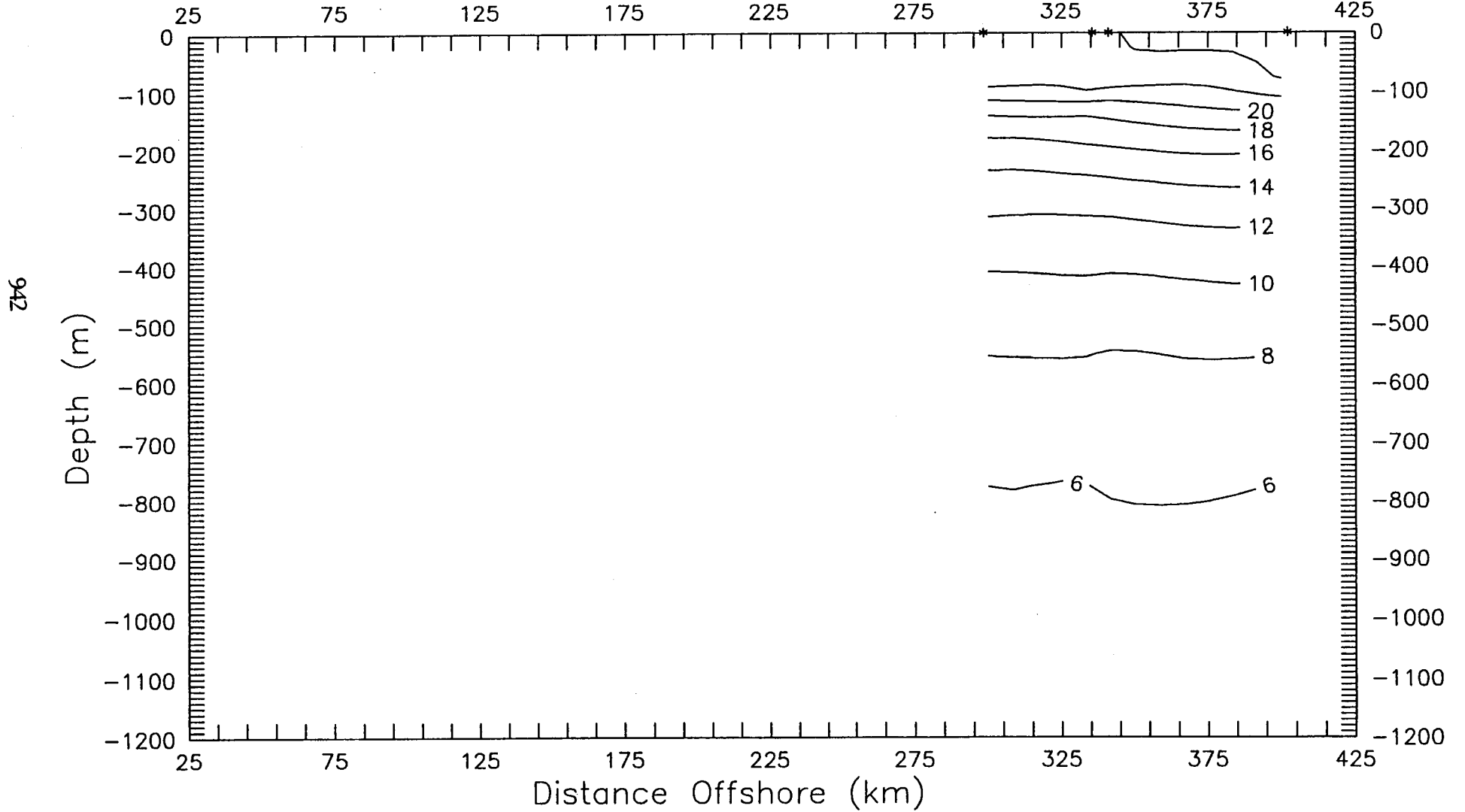
Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.557	22.555	35.753	24.634	330.03	1529.29	4.203	.234	10.07
20	22.512	22.508	35.787	24.672	326.75	1529.38	4.309	.211	20.14
30	22.535	22.529	35.763	24.648	329.46	1529.59	4.204	.226	30.20
50	22.531	22.520	35.813	24.687	326.53	1529.96	4.162	.239	50.34

8.4 Analyzed Temperature Data

Vertical Temperature Profiles

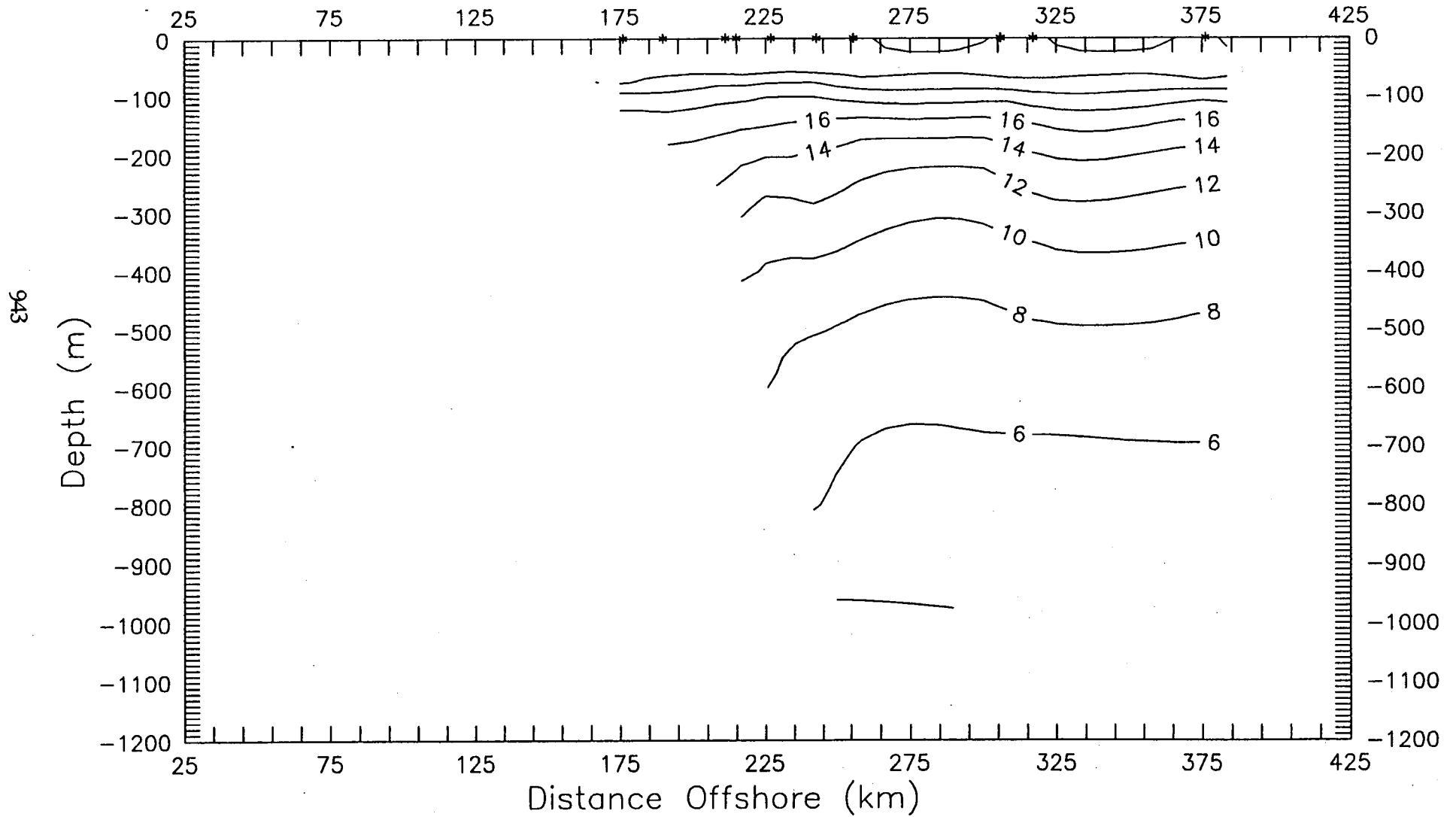
Temperature (°C)

GULFCET 07: Line 05



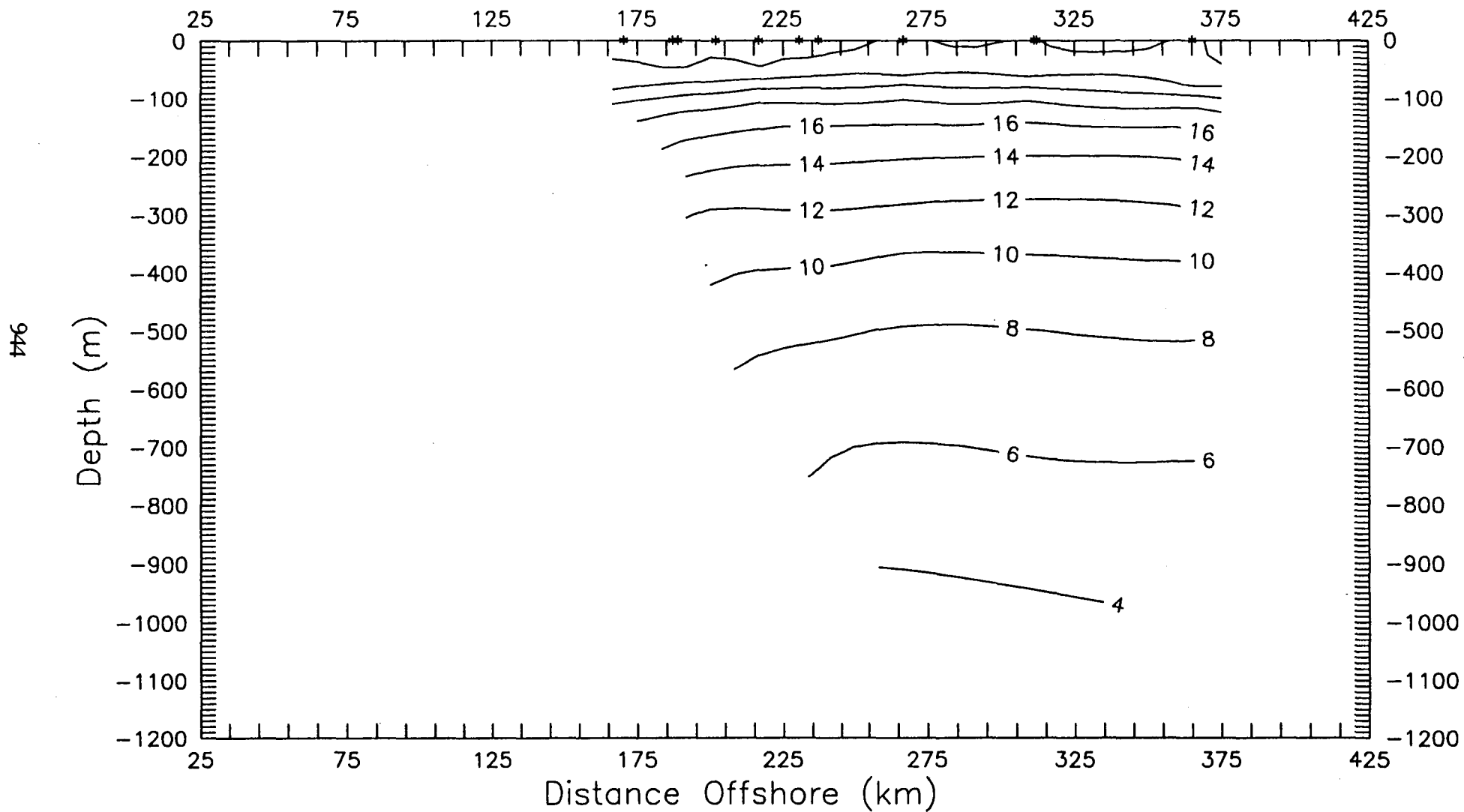
Temperature (°C)

GULFCET 07: Line 06



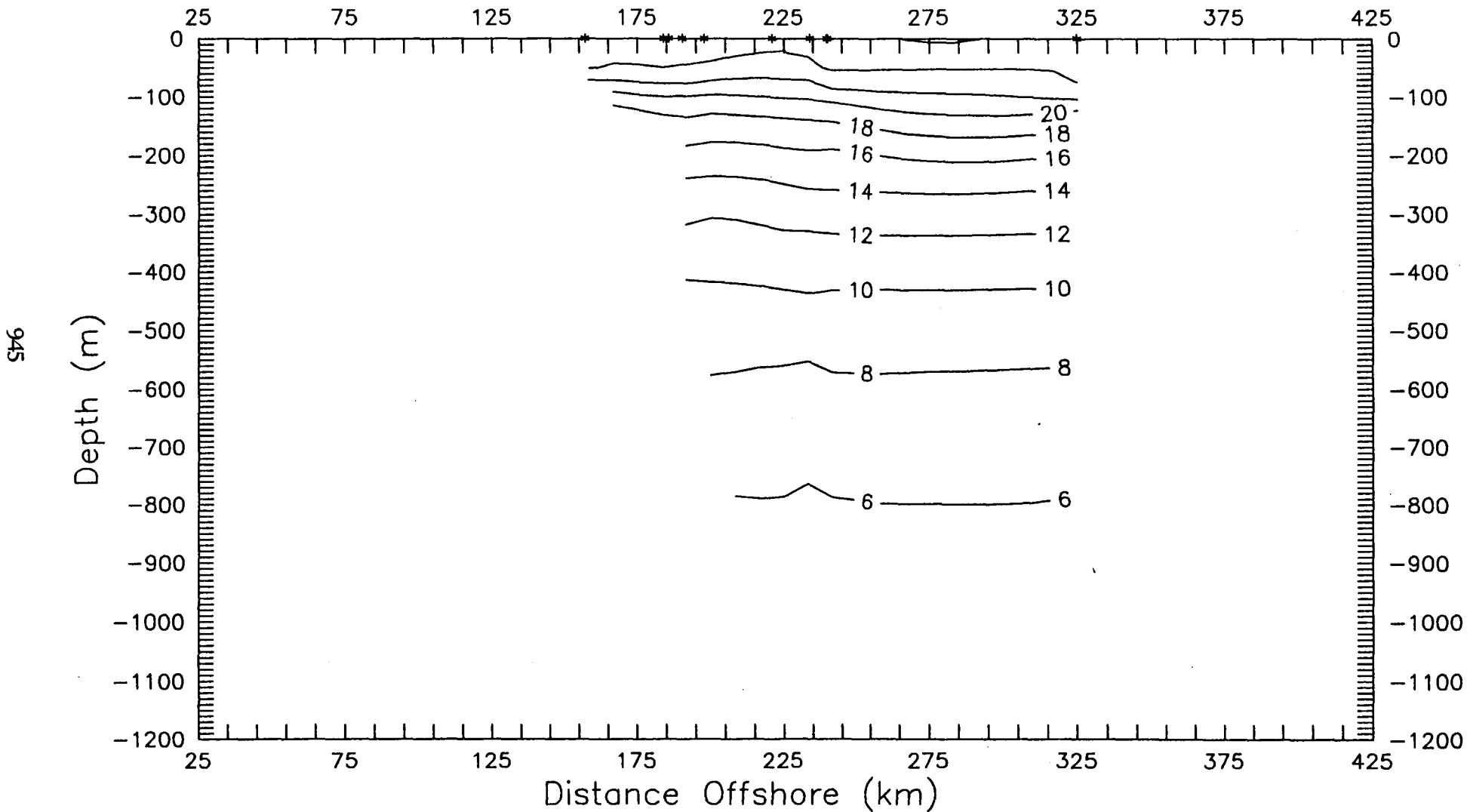
Temperature (°C)

GULFCET 07: Line 07



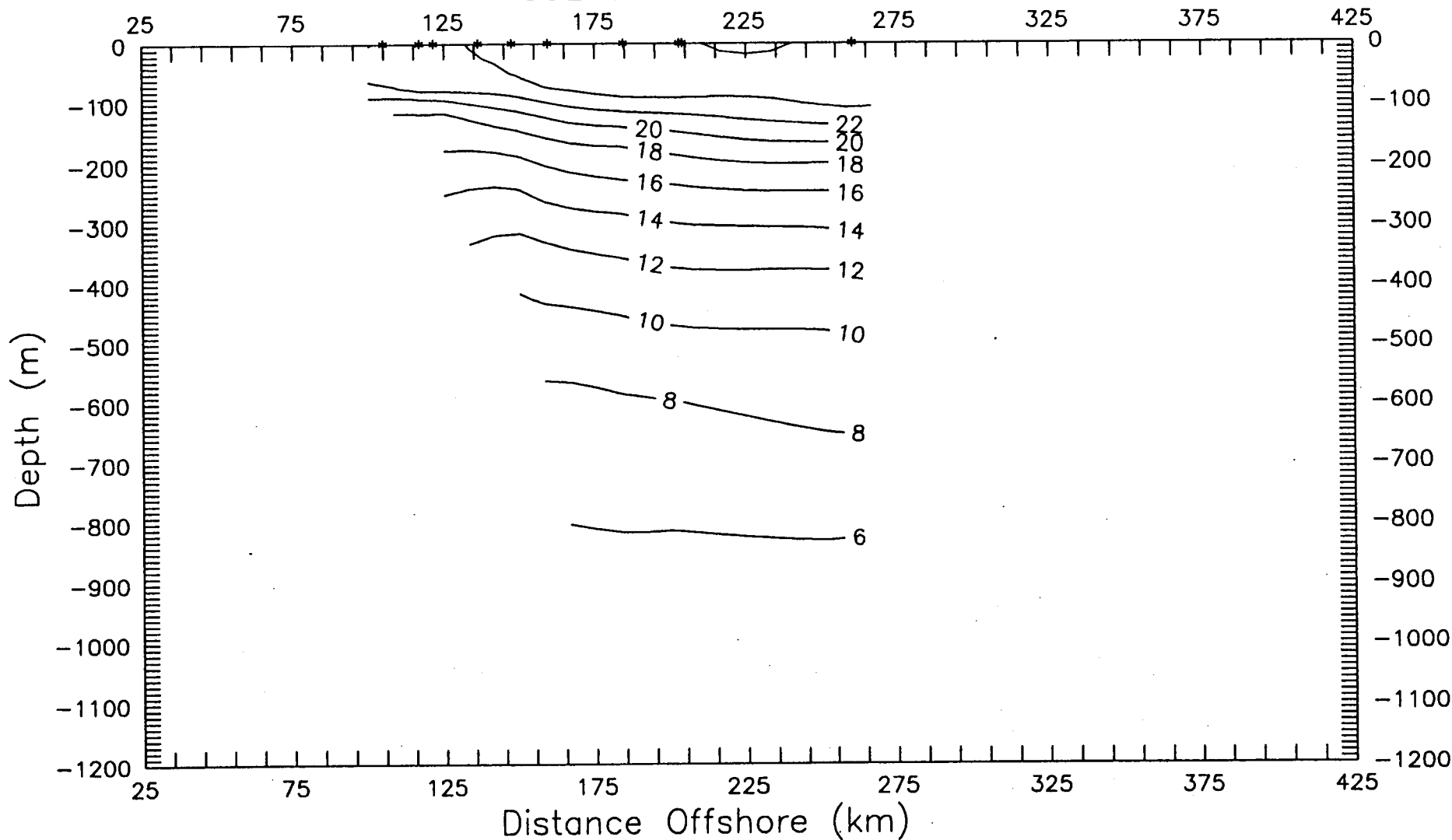
Temperature (°C)

GULFCET 07: Line 08



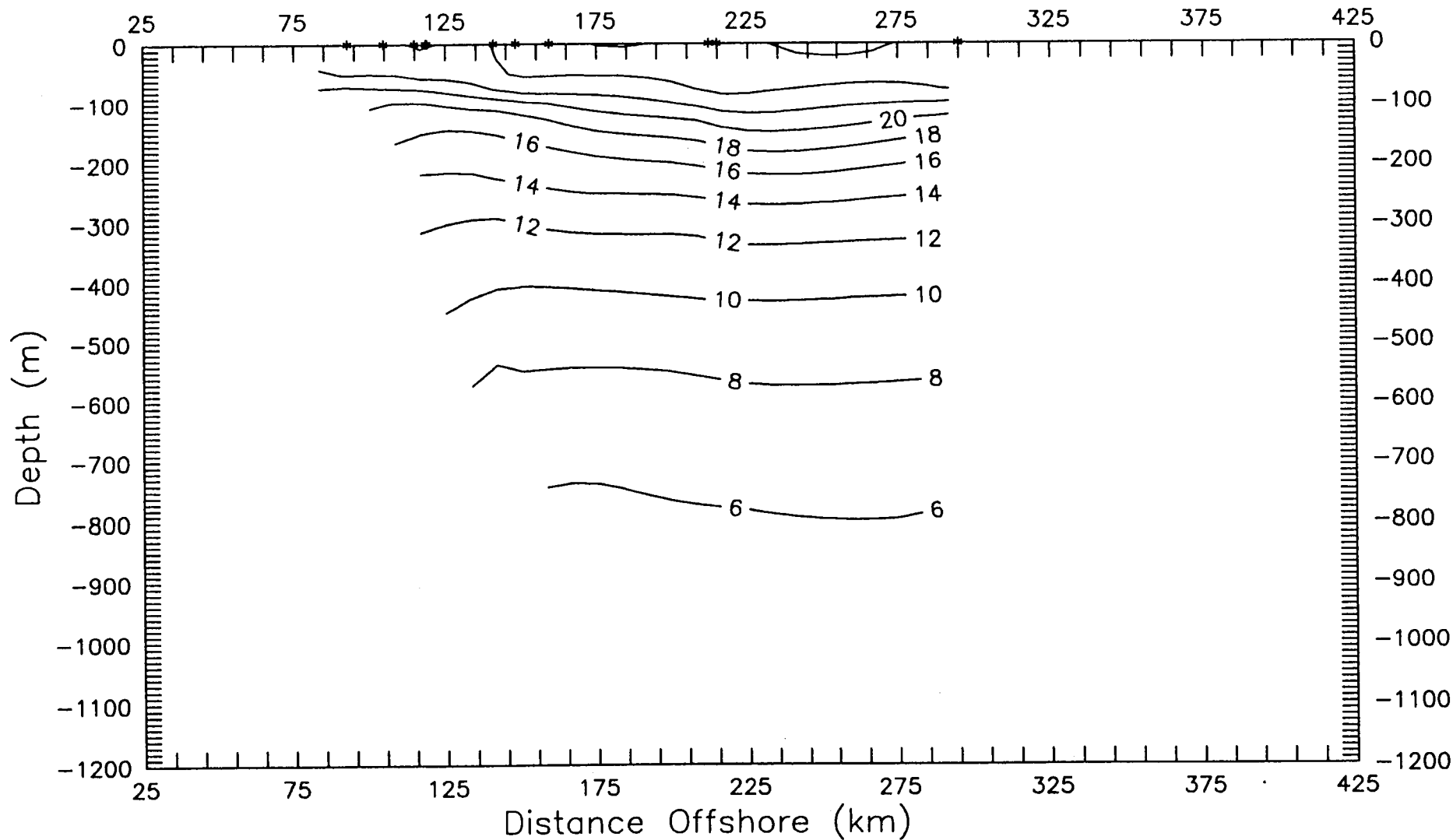
Temperature (°C)

GULFCET 07: Line 09



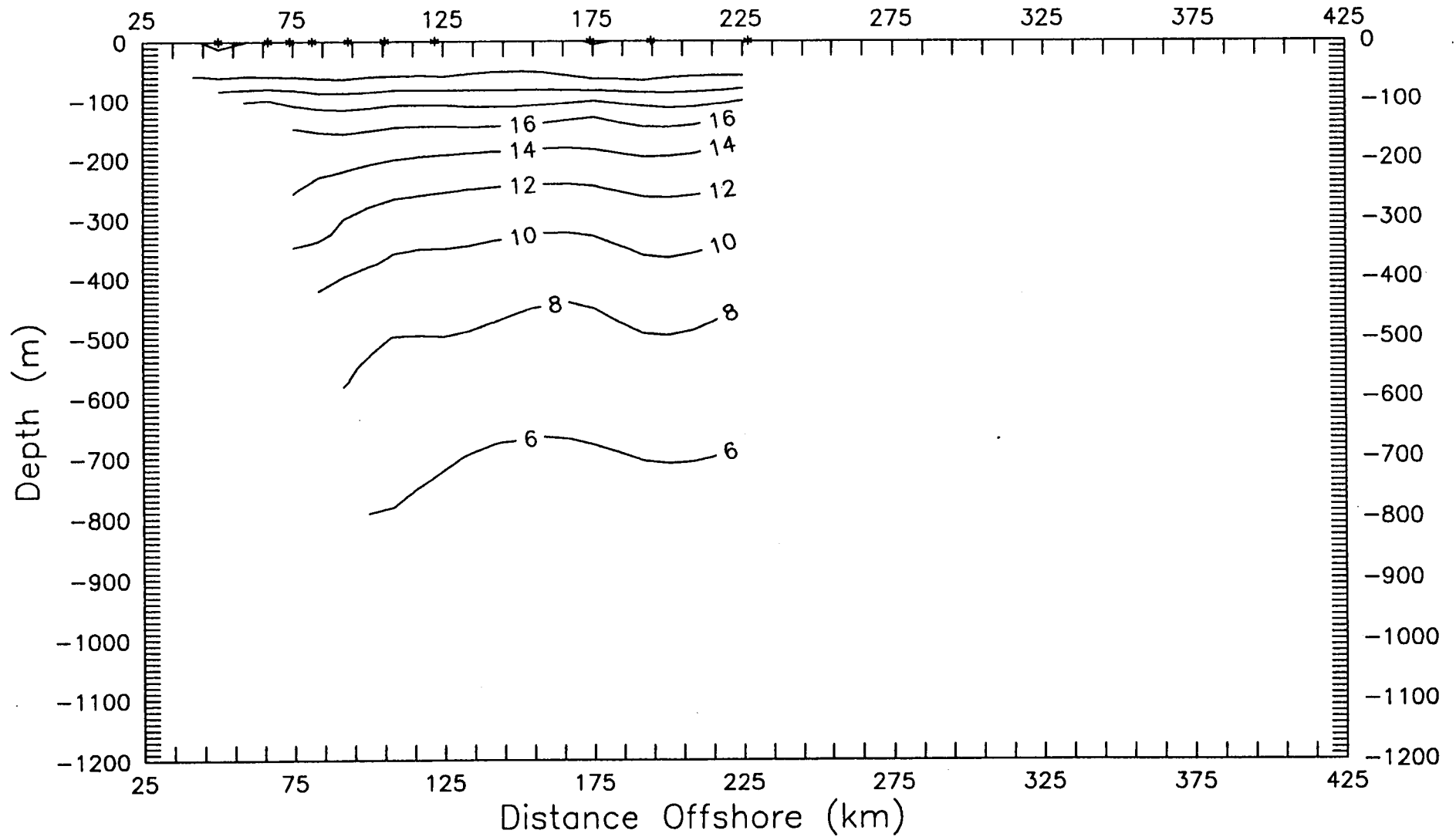
Temperature (°C)

GULFCET 07: Line 10



Temperature (°C)

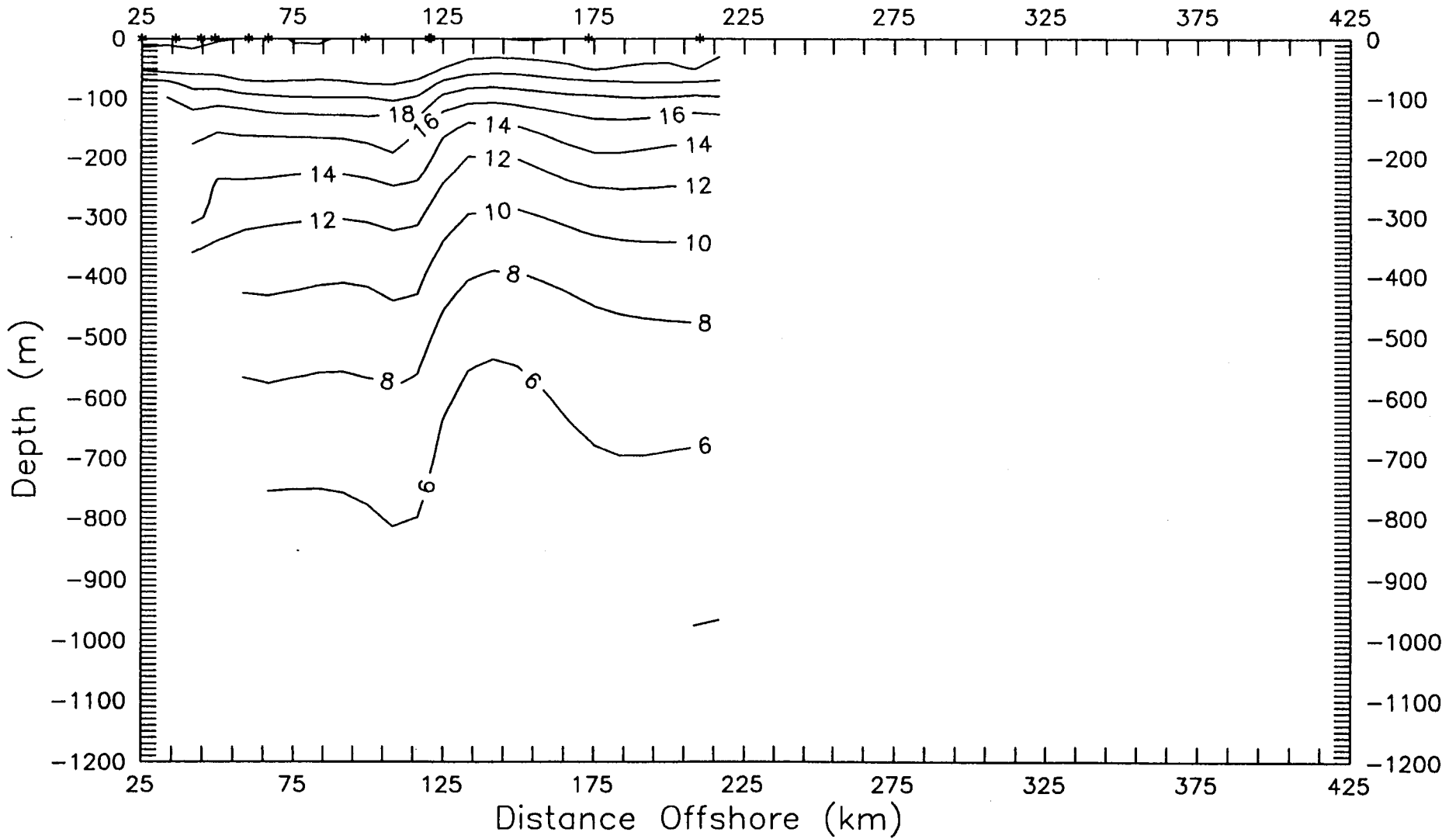
GULFCET 07: Line 11



Temperature (°C)

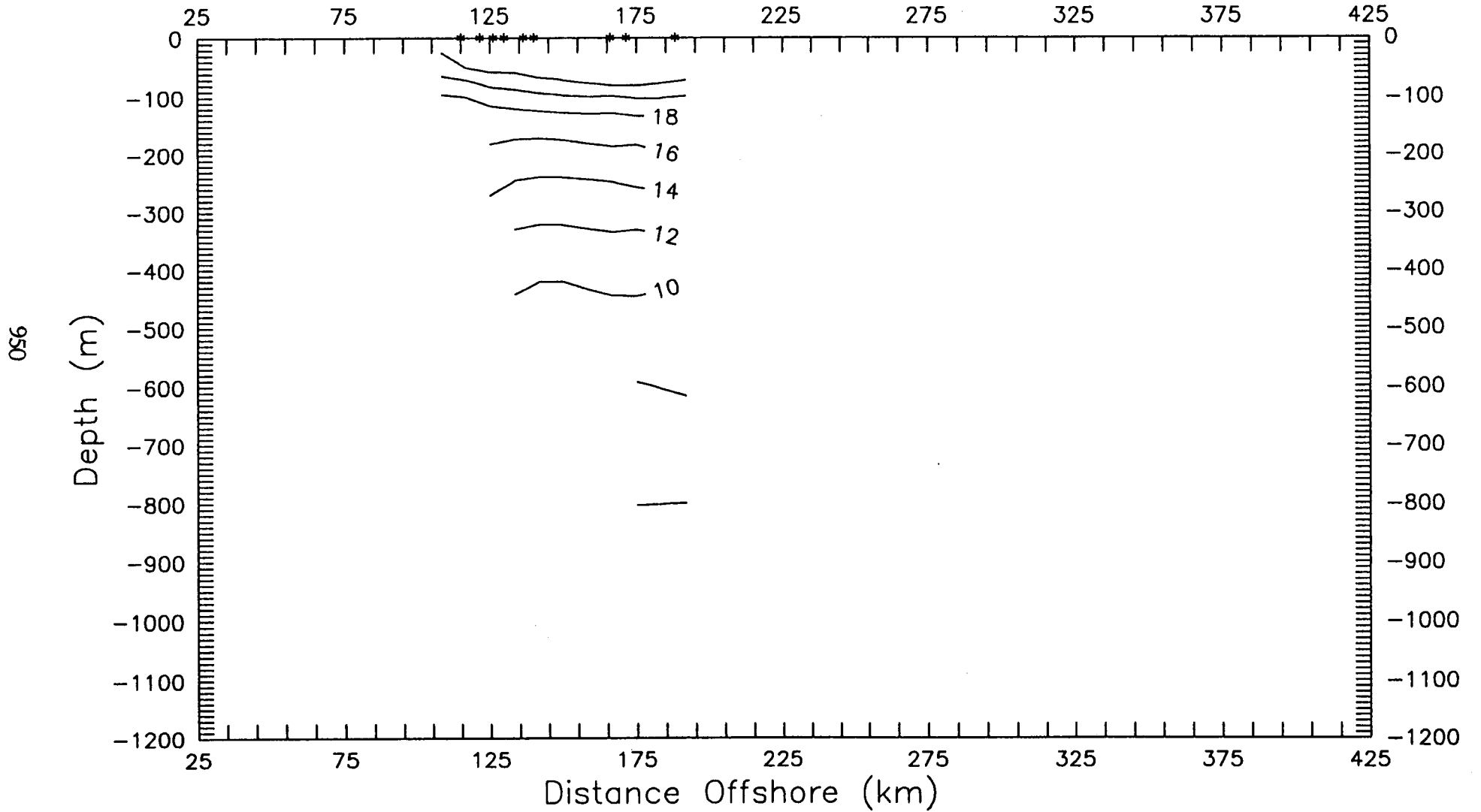
GULFCET 07: Line 12

949



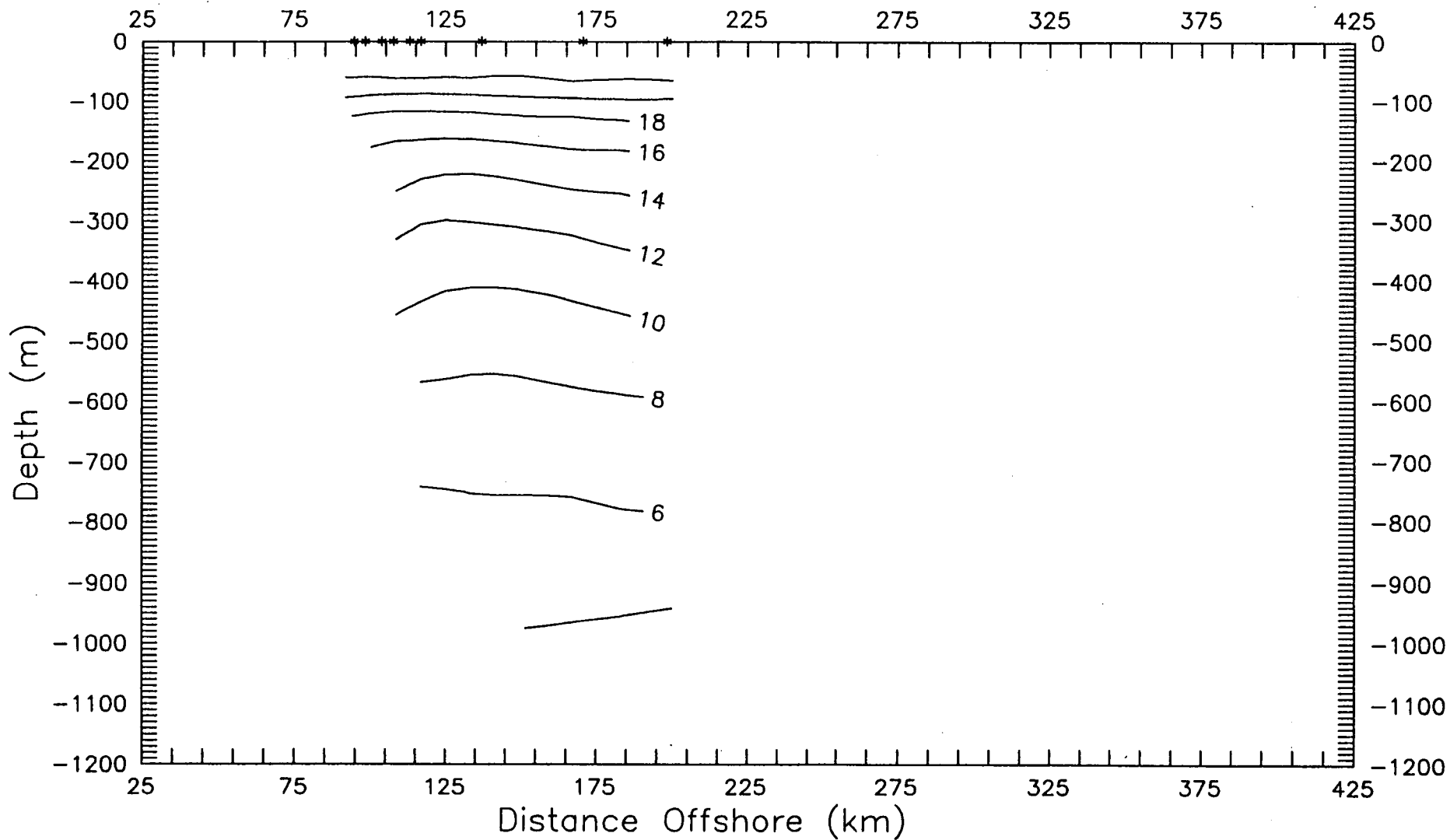
Temperature (°C)

GULFCET 07: Line 13



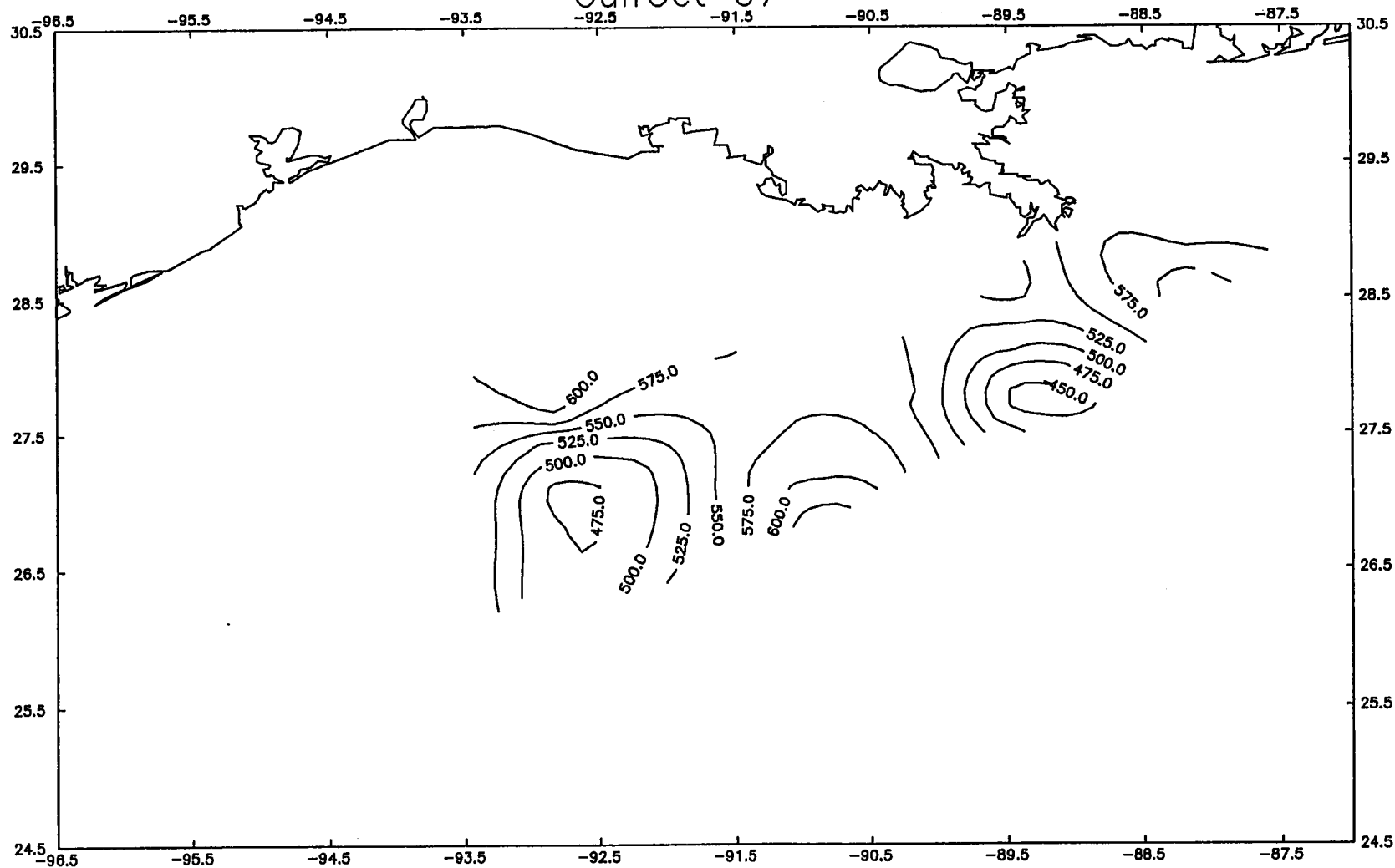
Temperature (°C)

GULFCET 07: Line 14



Depth of 8 °C Isotherm (m)

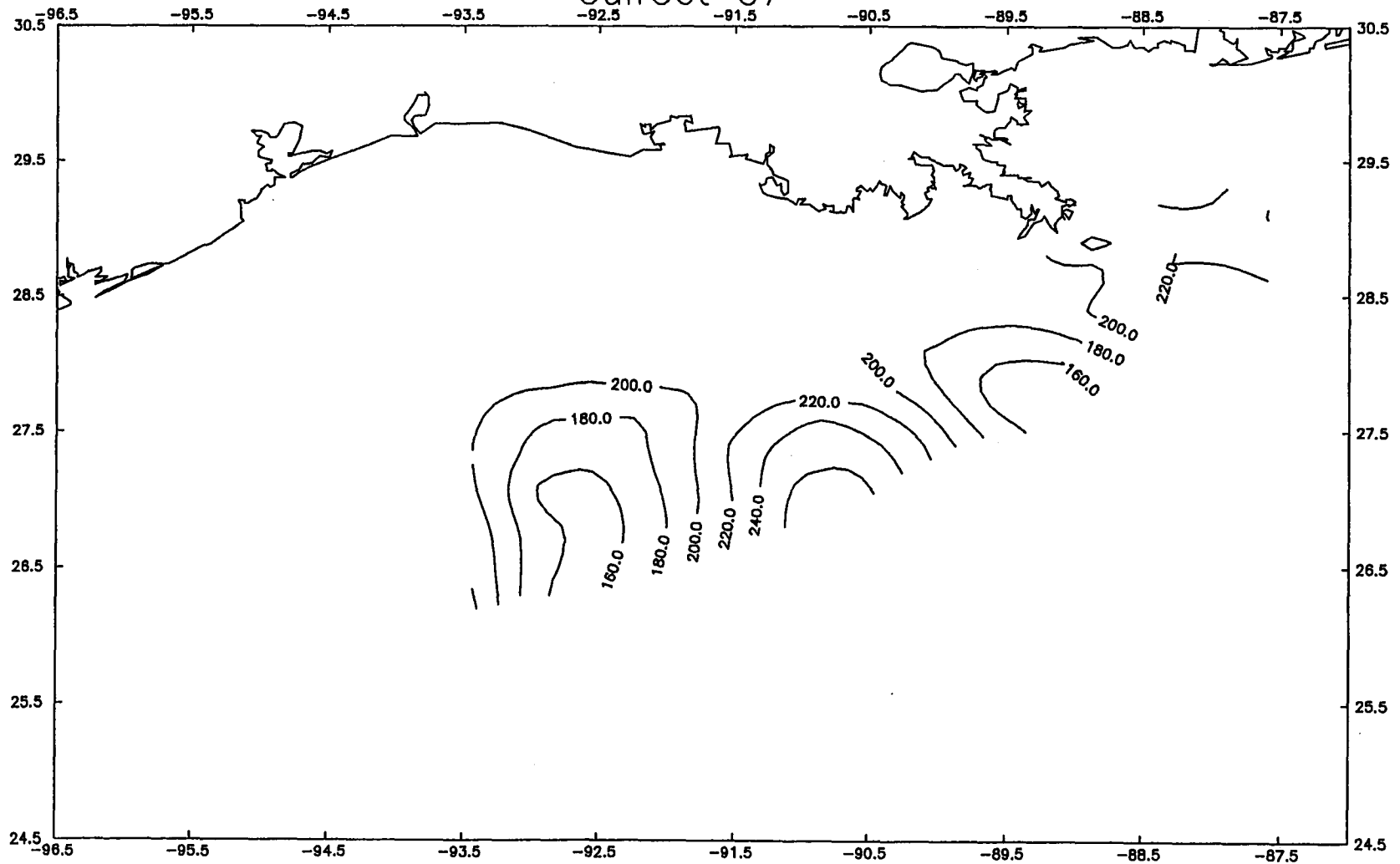
GulfCet_07



952

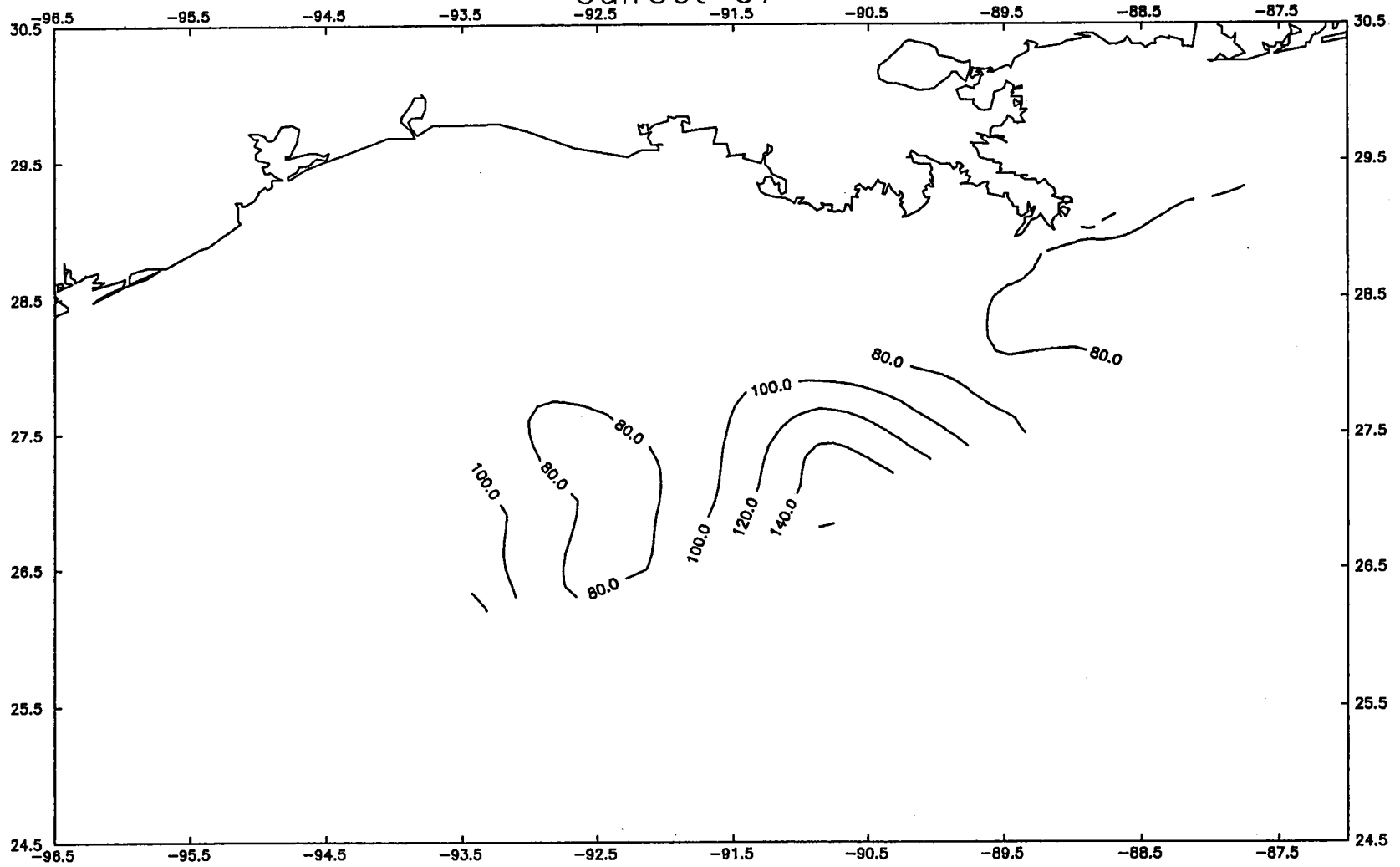
Depth of 15 °C Isotherm (m)

GulfCet 07



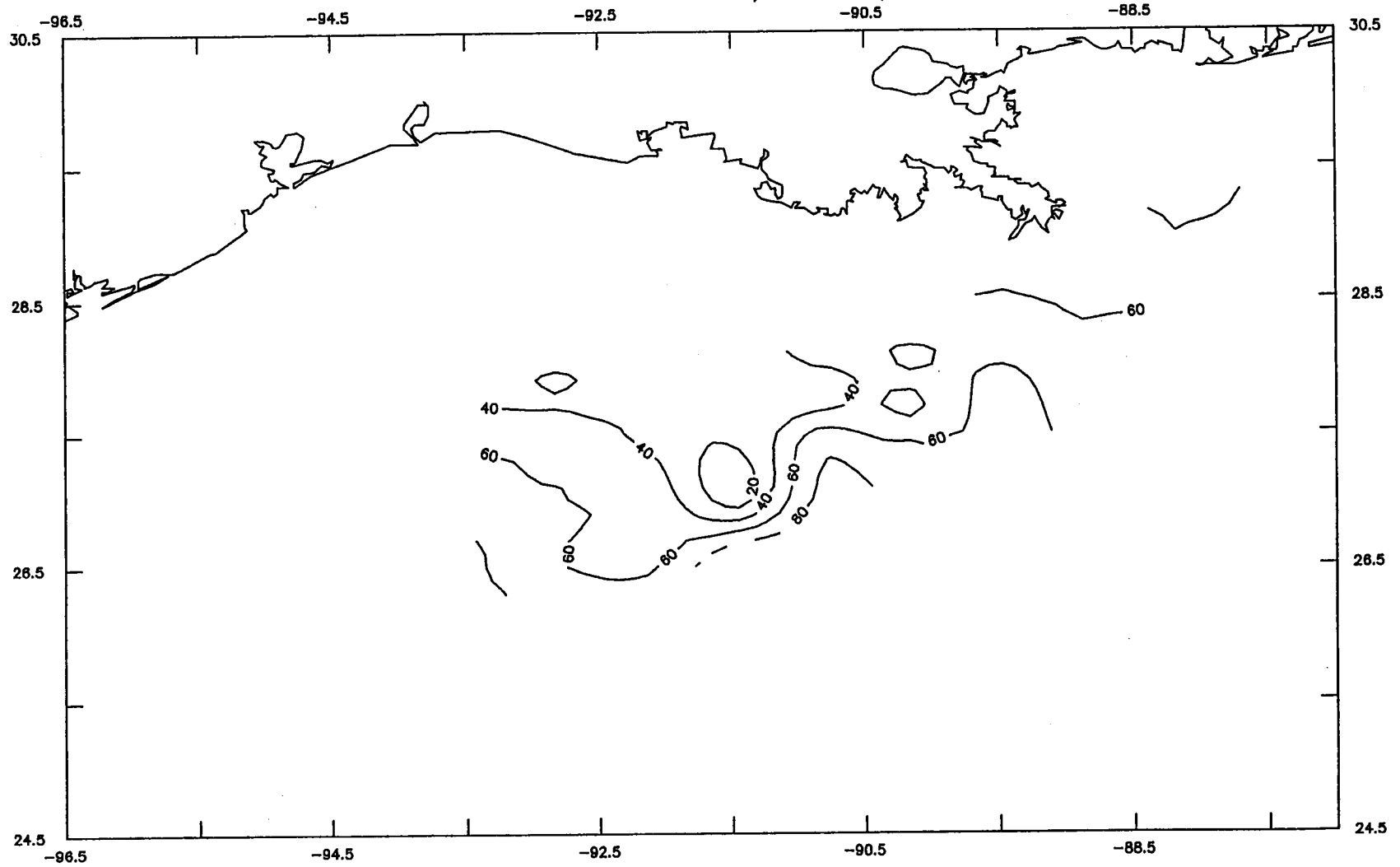
Depth of 20 °C Isotherm (m)

GulfCet_07



954

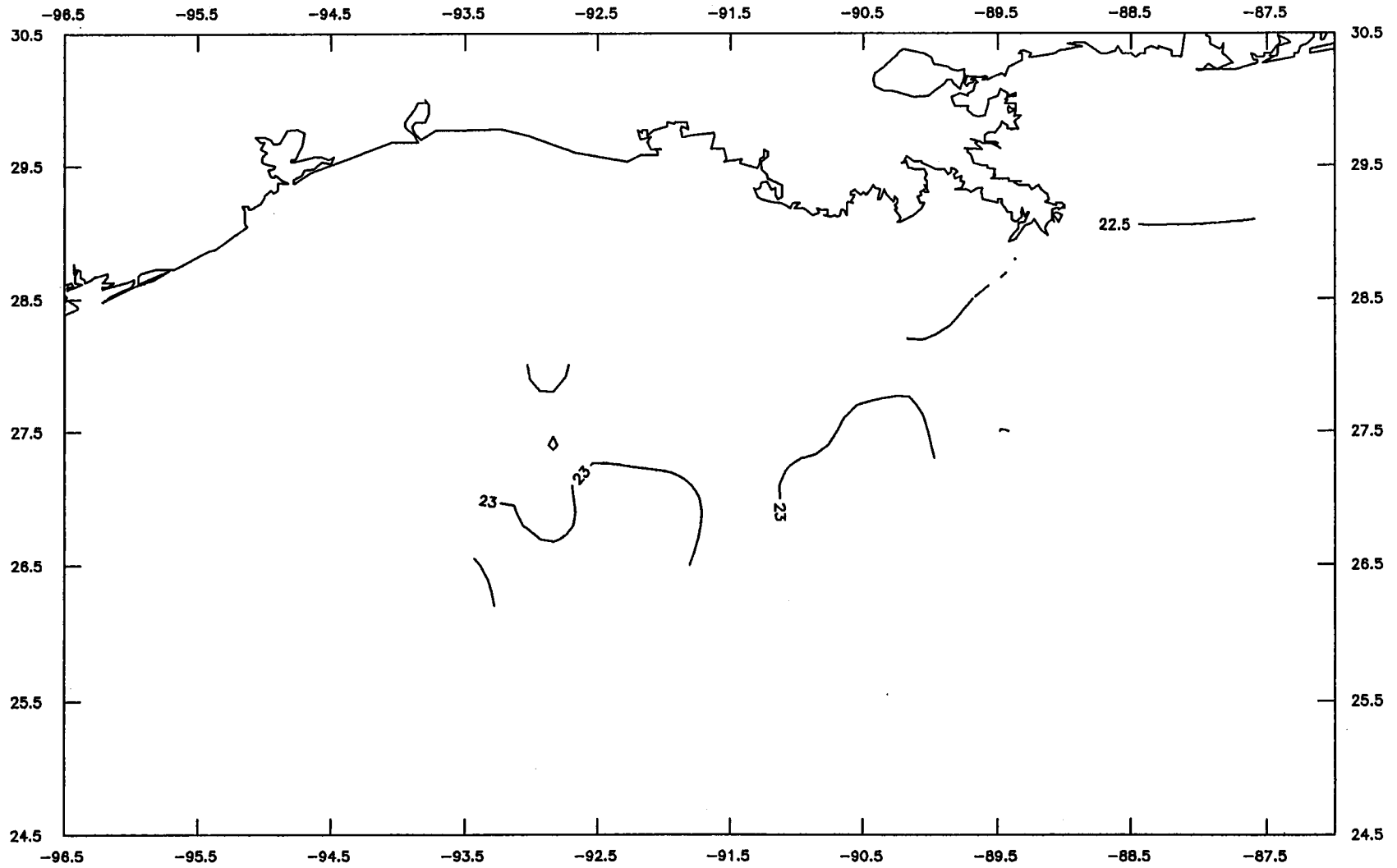
Mixed Layer Depth GulfCet 07 : 12/3-14/93



955

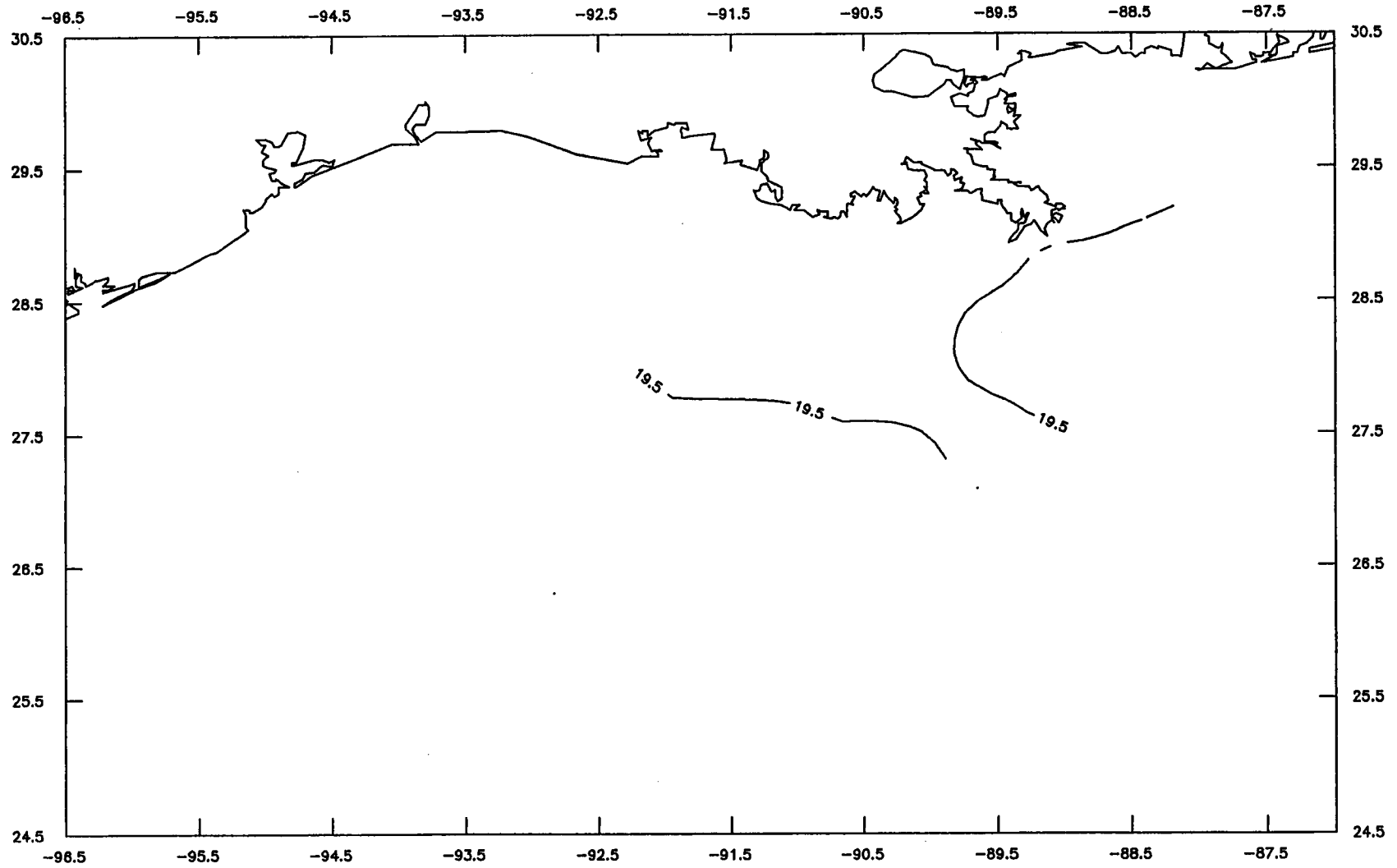
Temperature (°C) at Reference Density 25

GulfCet 07

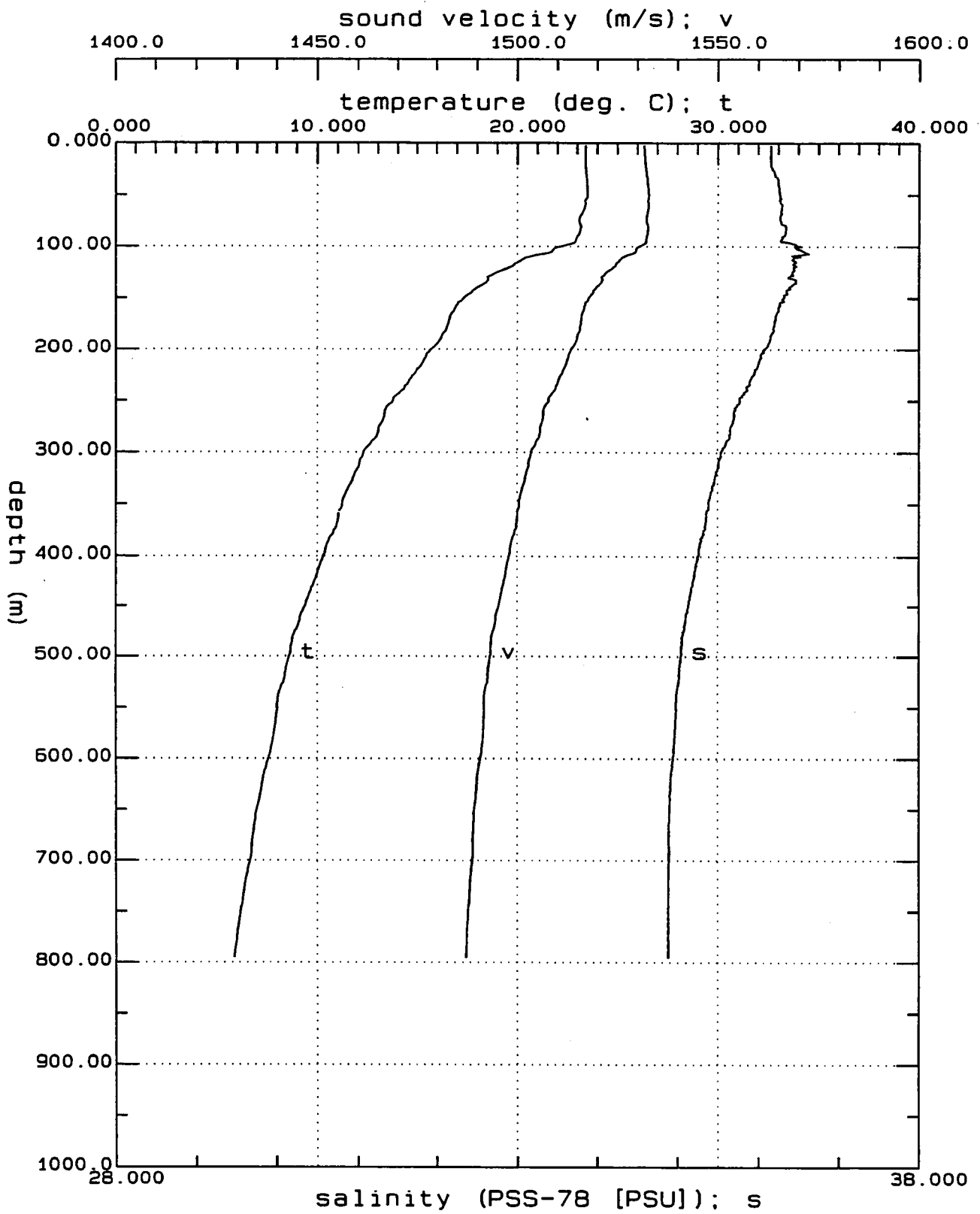


Temperature (°C) at Reference Density 26

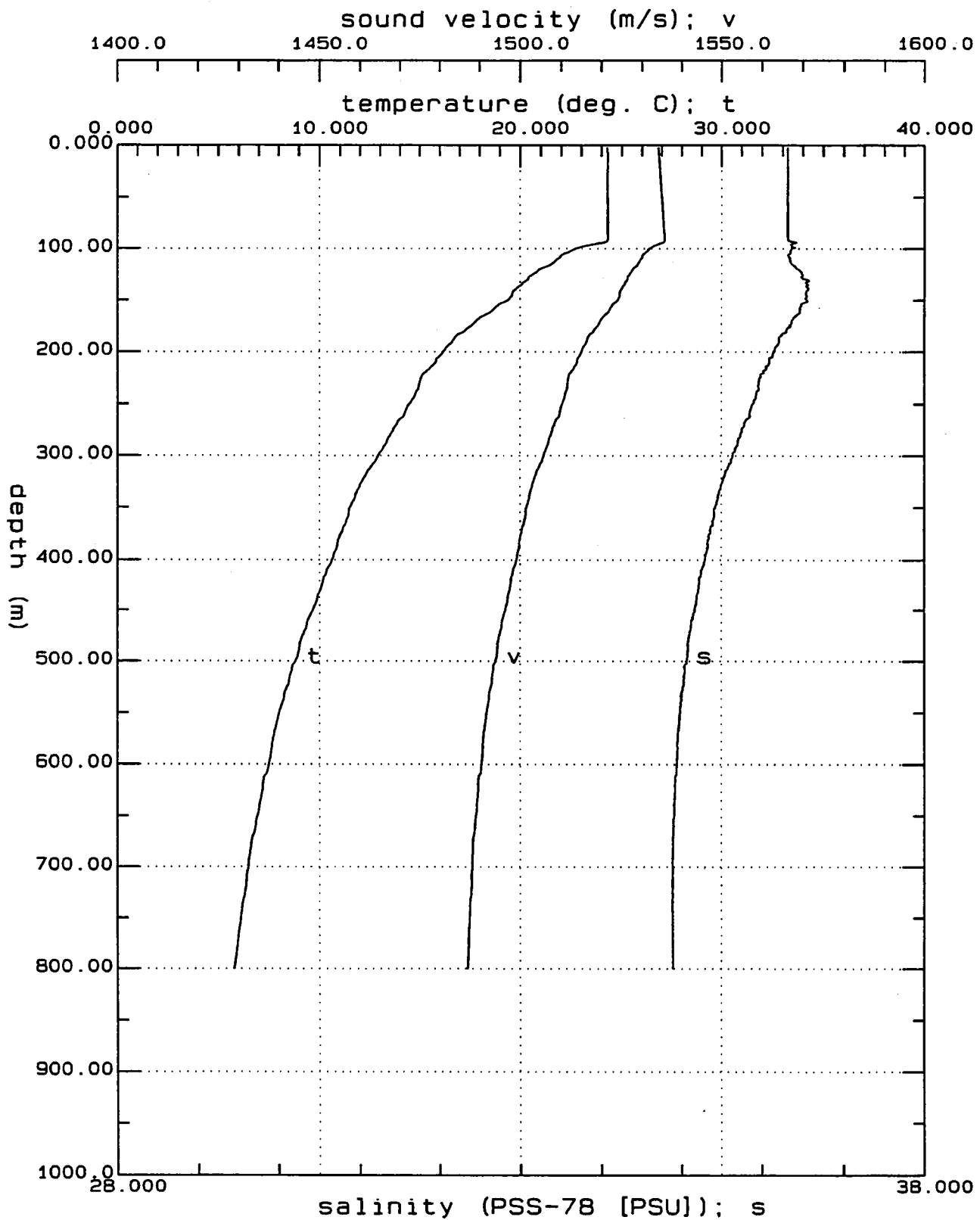
GulfCet 07



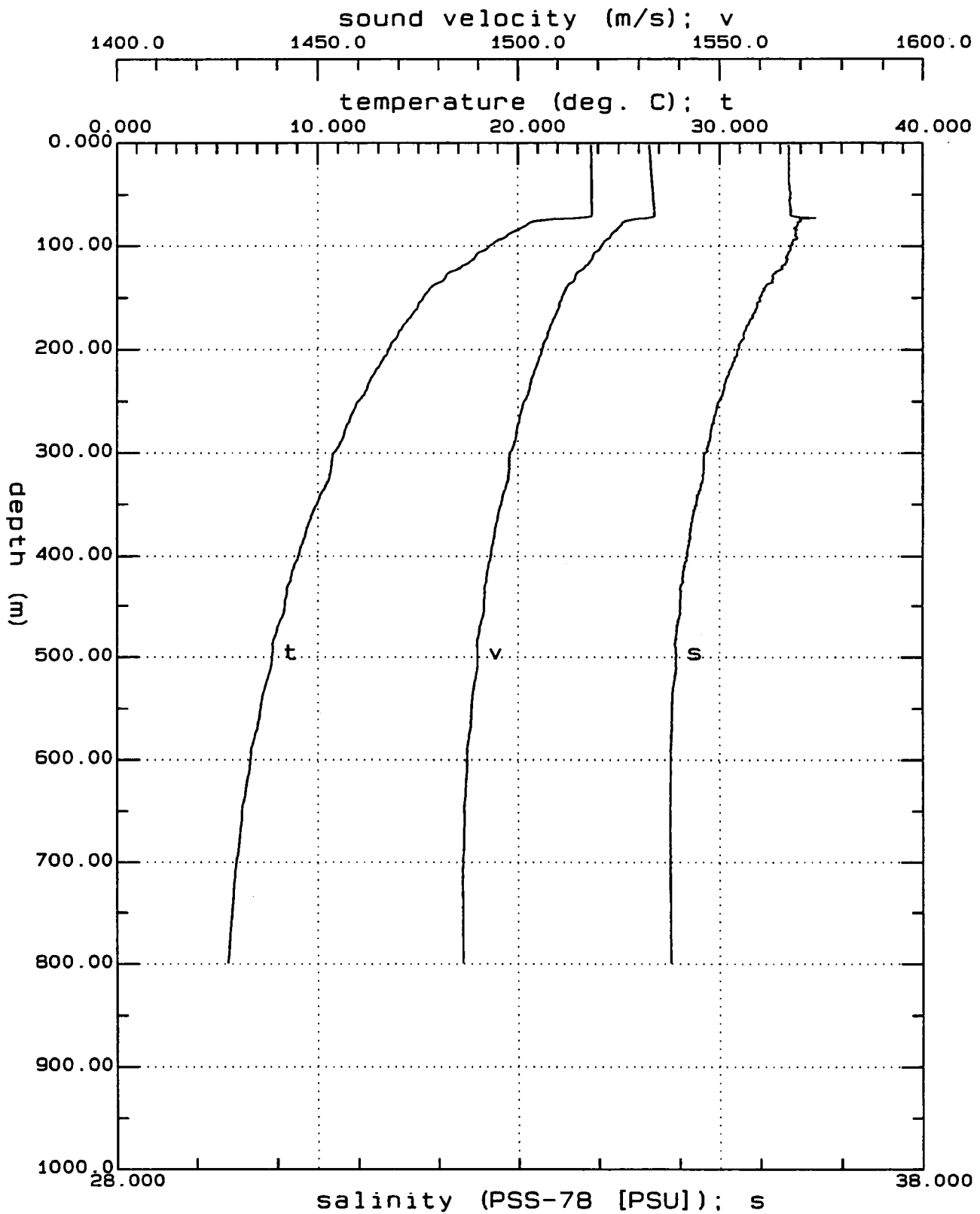
8.5 Vertical Profiles



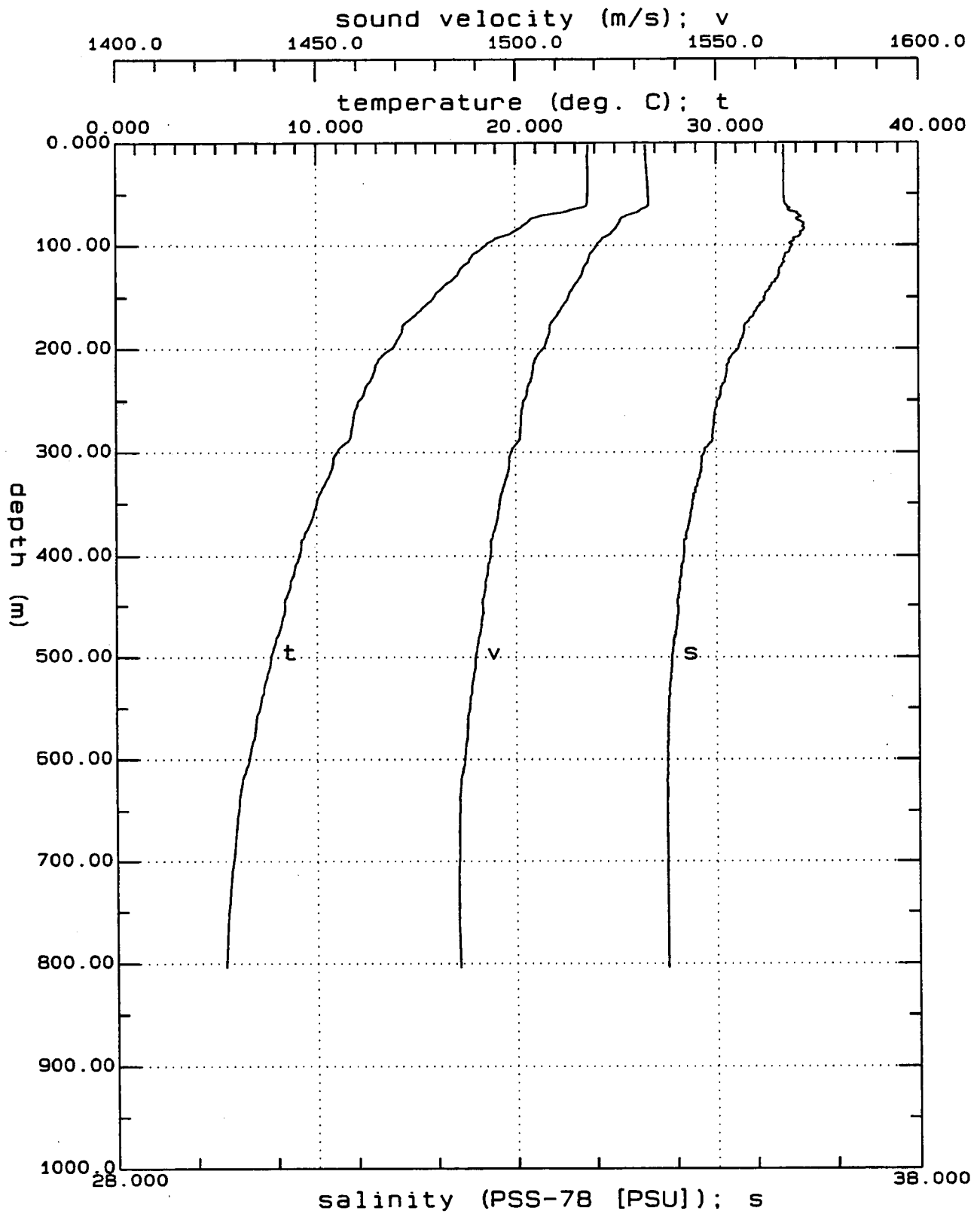
05-050.CNV: Gulfcet Cruise 07



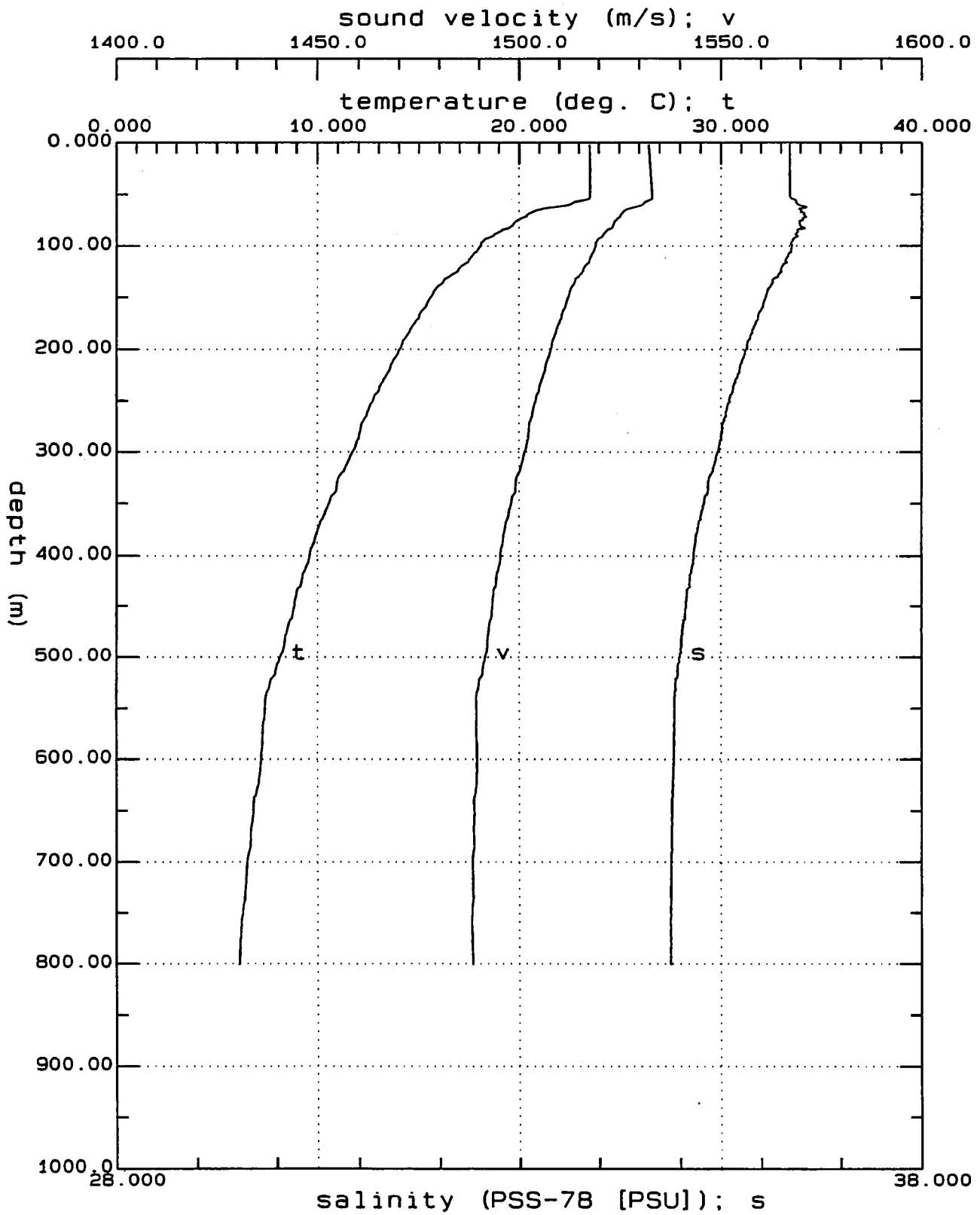
05-053.CNV: Gulfcet Cruise 07



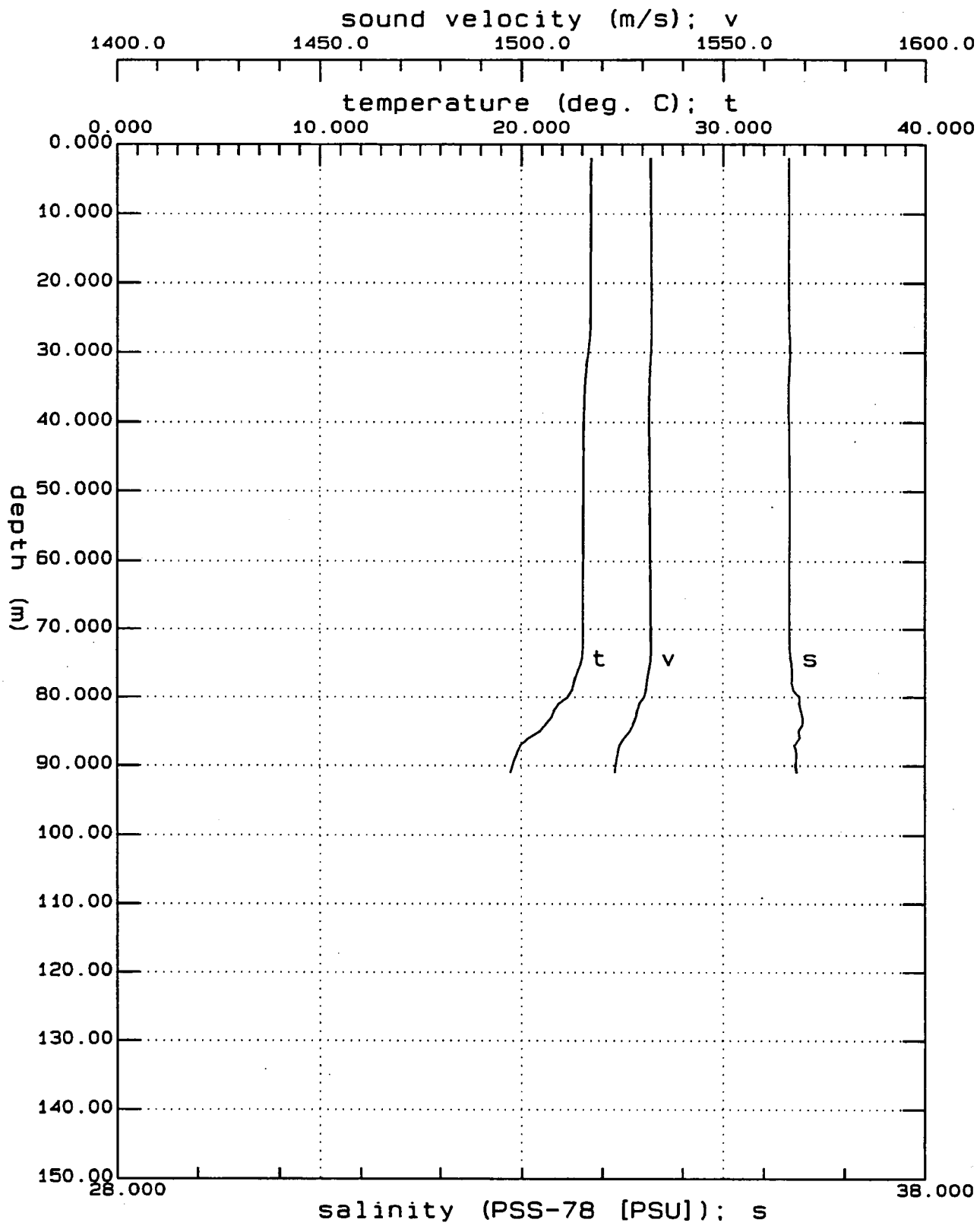
06-054.CNV: Gulfcet Cruise 07



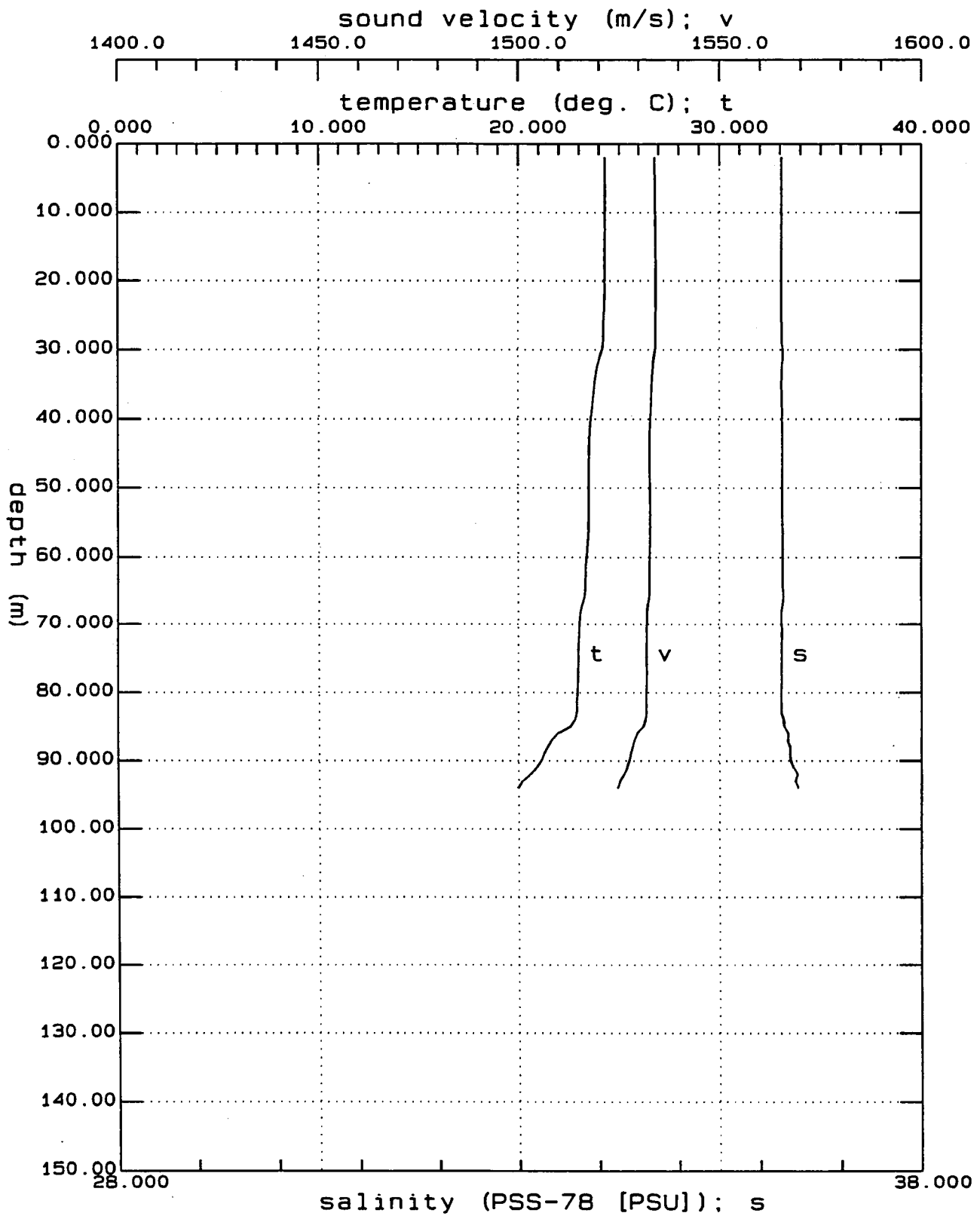
06-055.CNV: Gulfcet Cruise 07



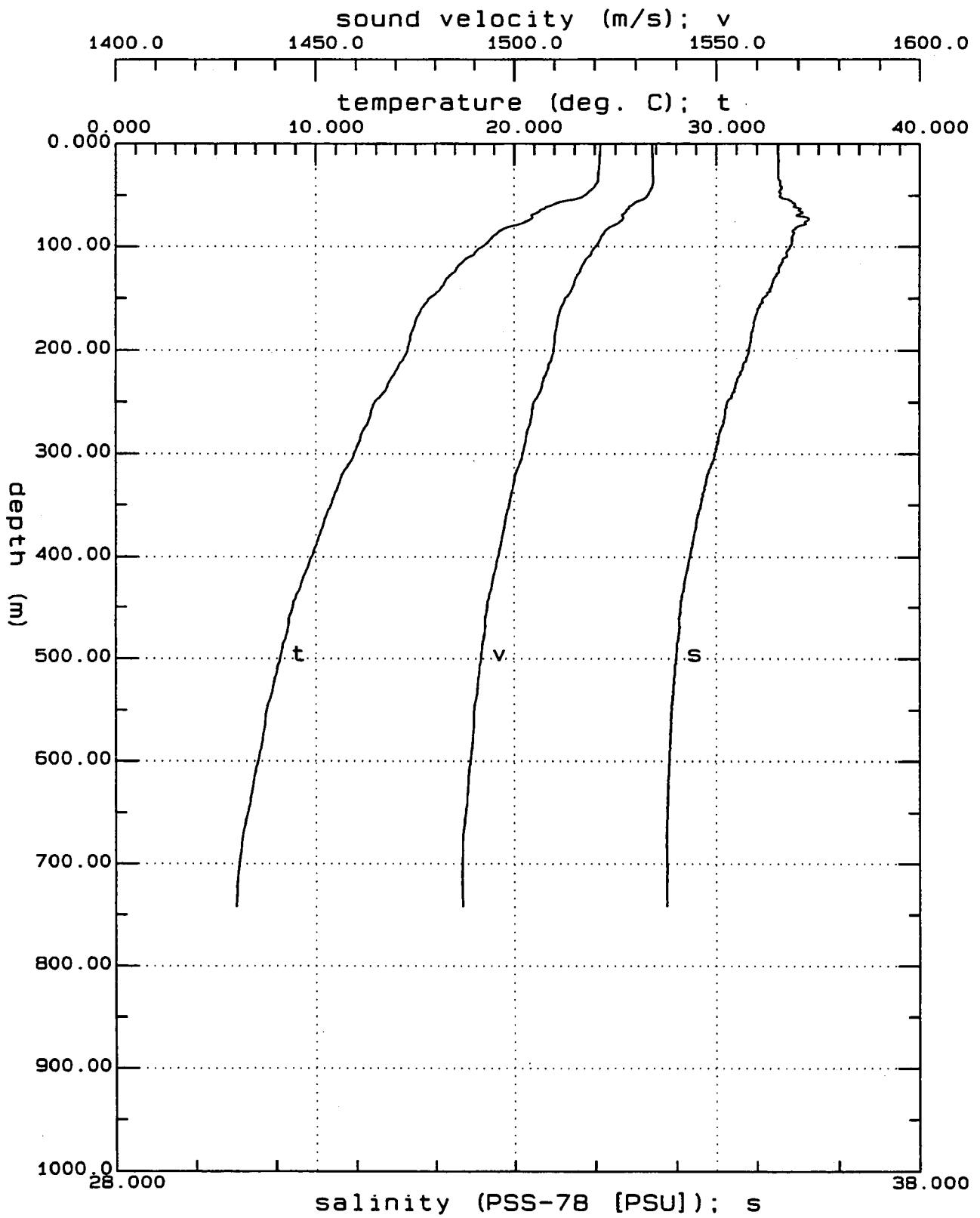
06-059.CNV: Gulfcet Cruise 07



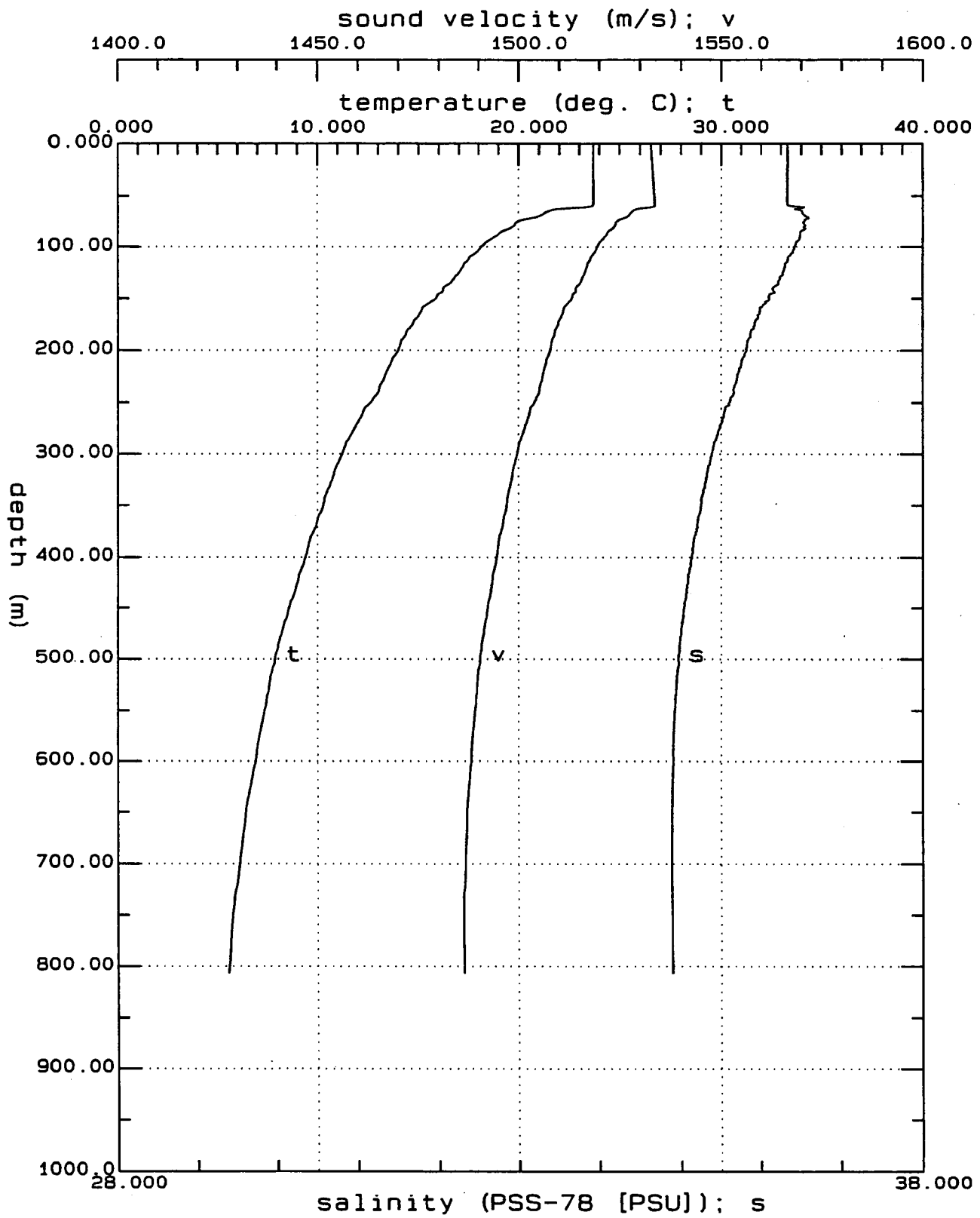
06-064.CNV: Gulfcet Cruise 07



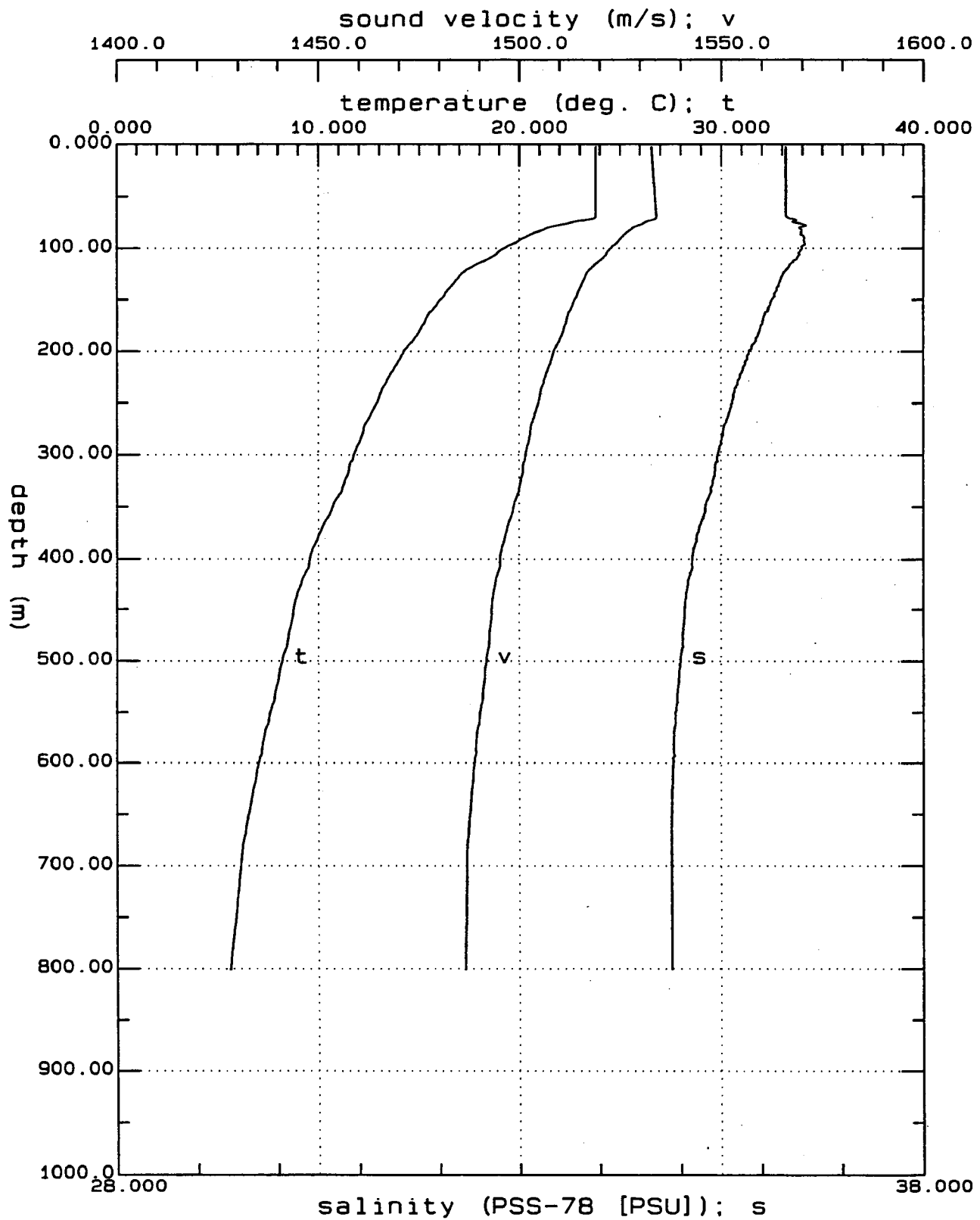
07-065.CNV: Gulfcet Cruise 07



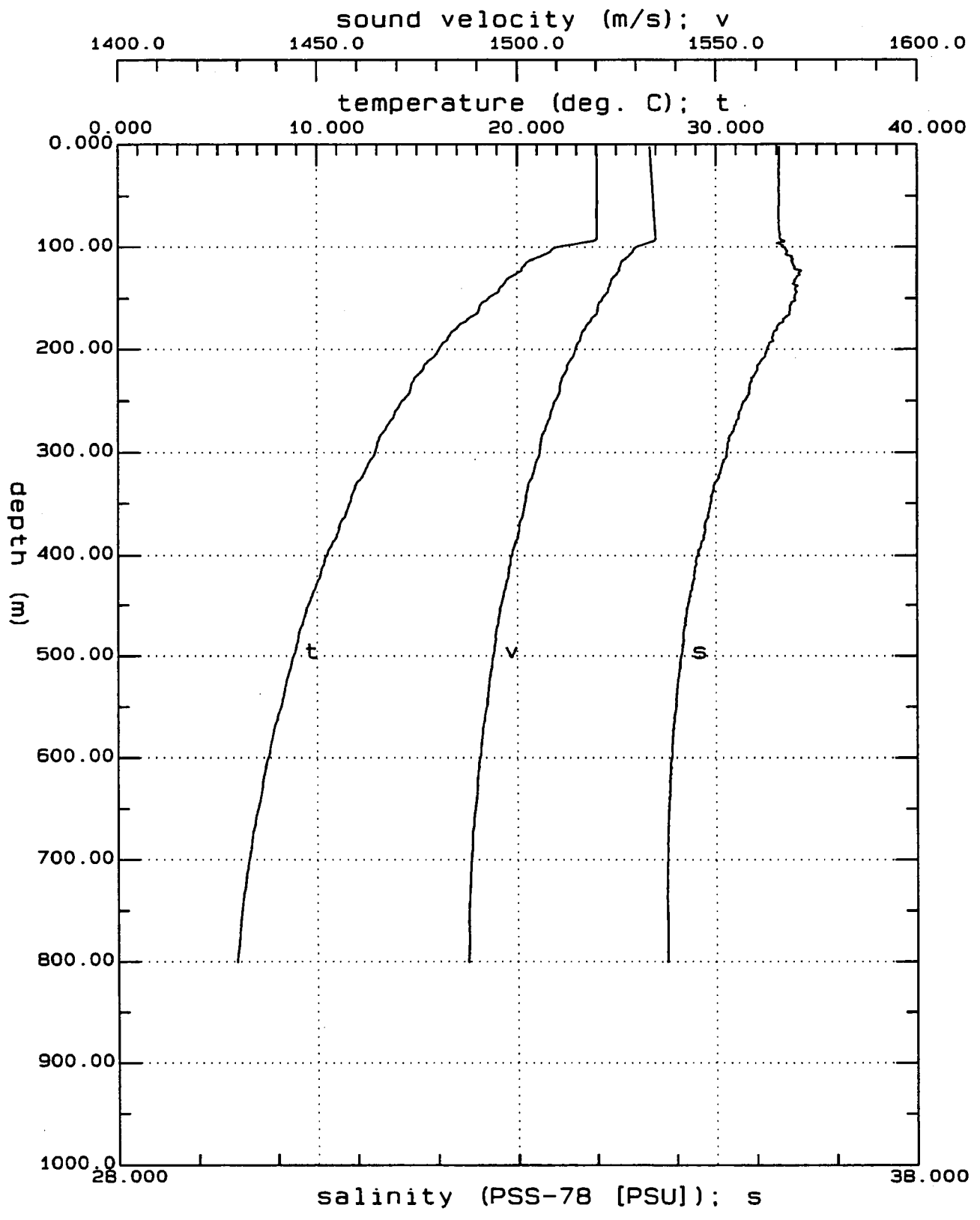
07-071.CNV: Gulfcet Cruise 07



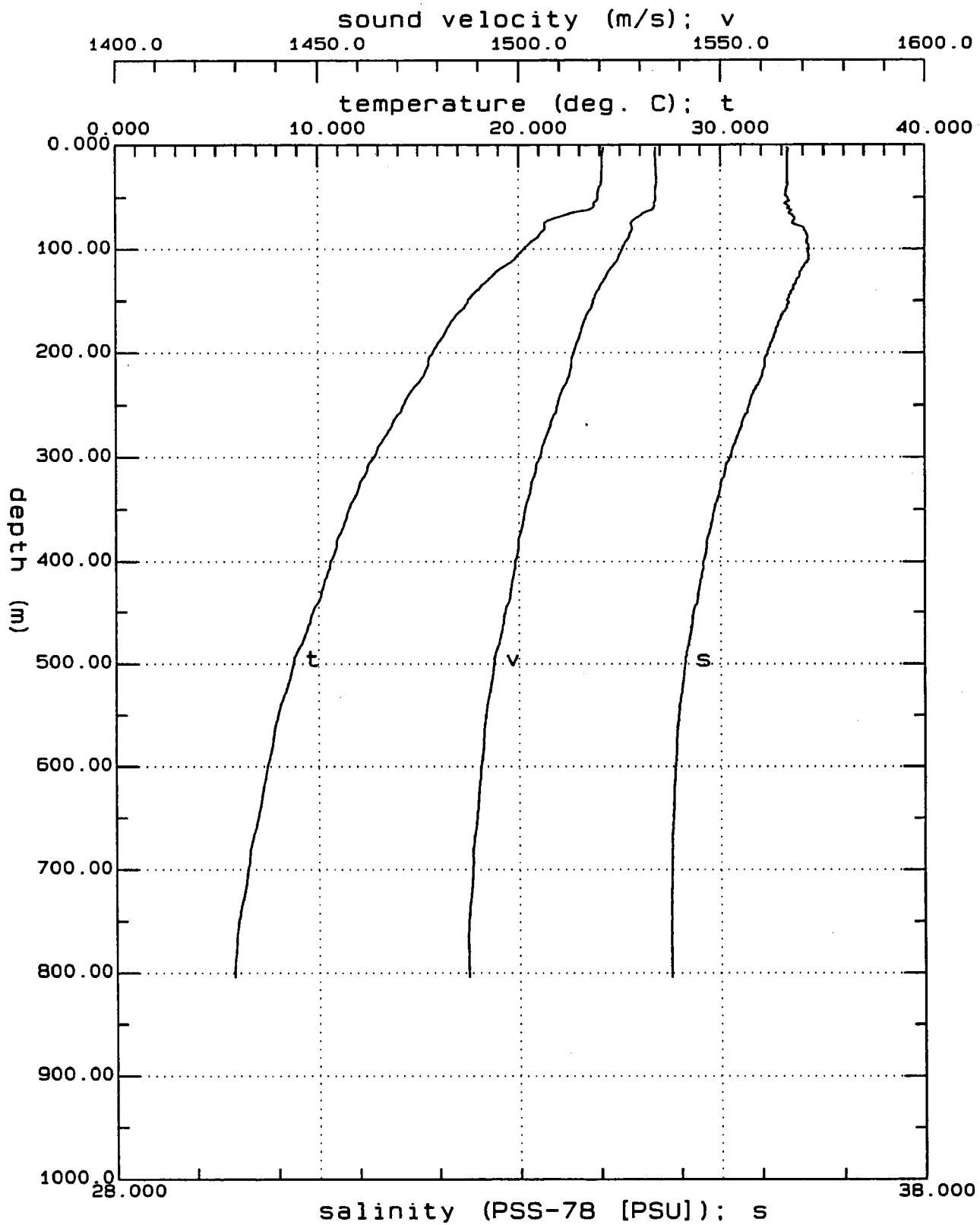
07-073.CNV: Gulfcet Cruise 07



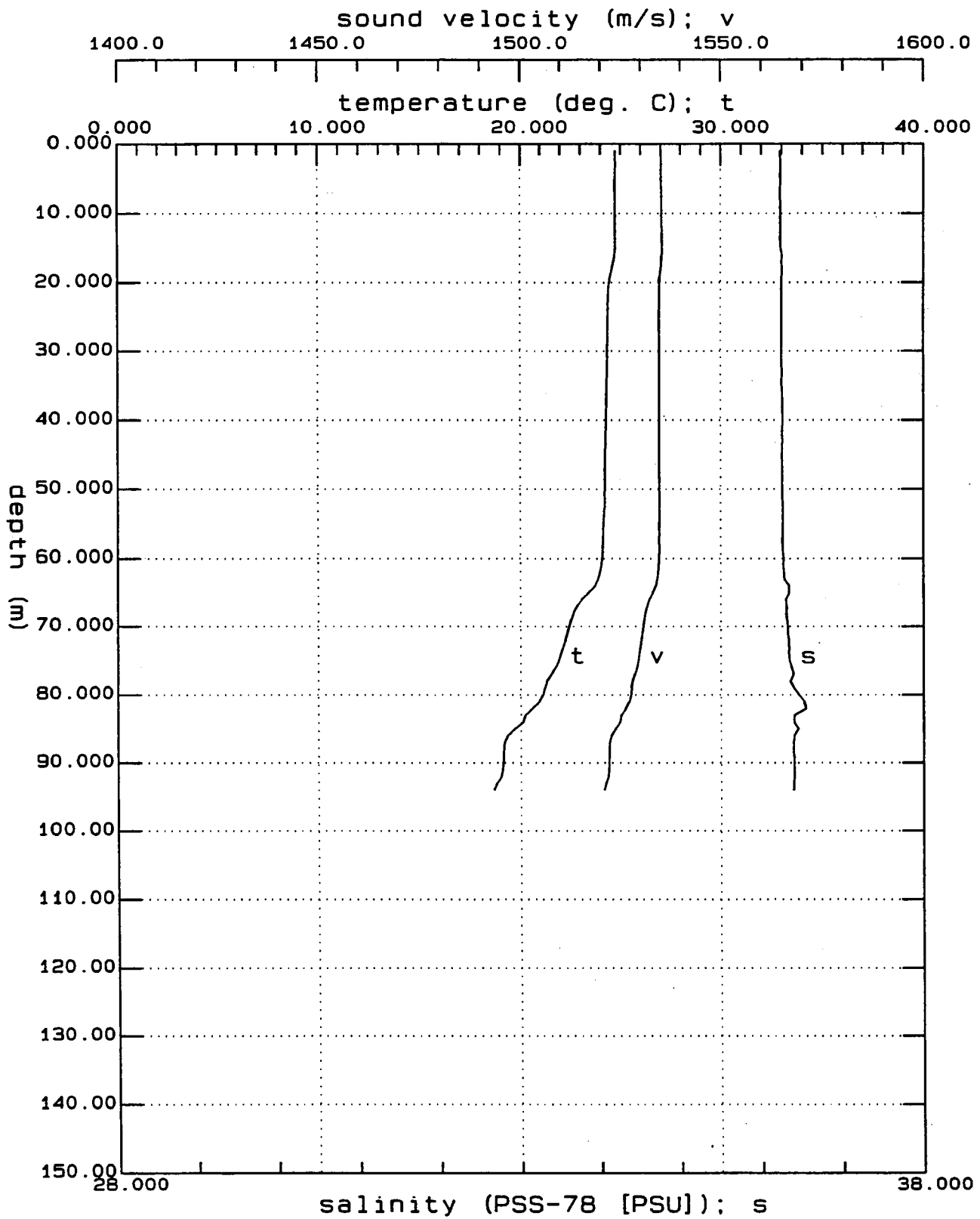
07-075.CNV: Gulfcet Cruise 07



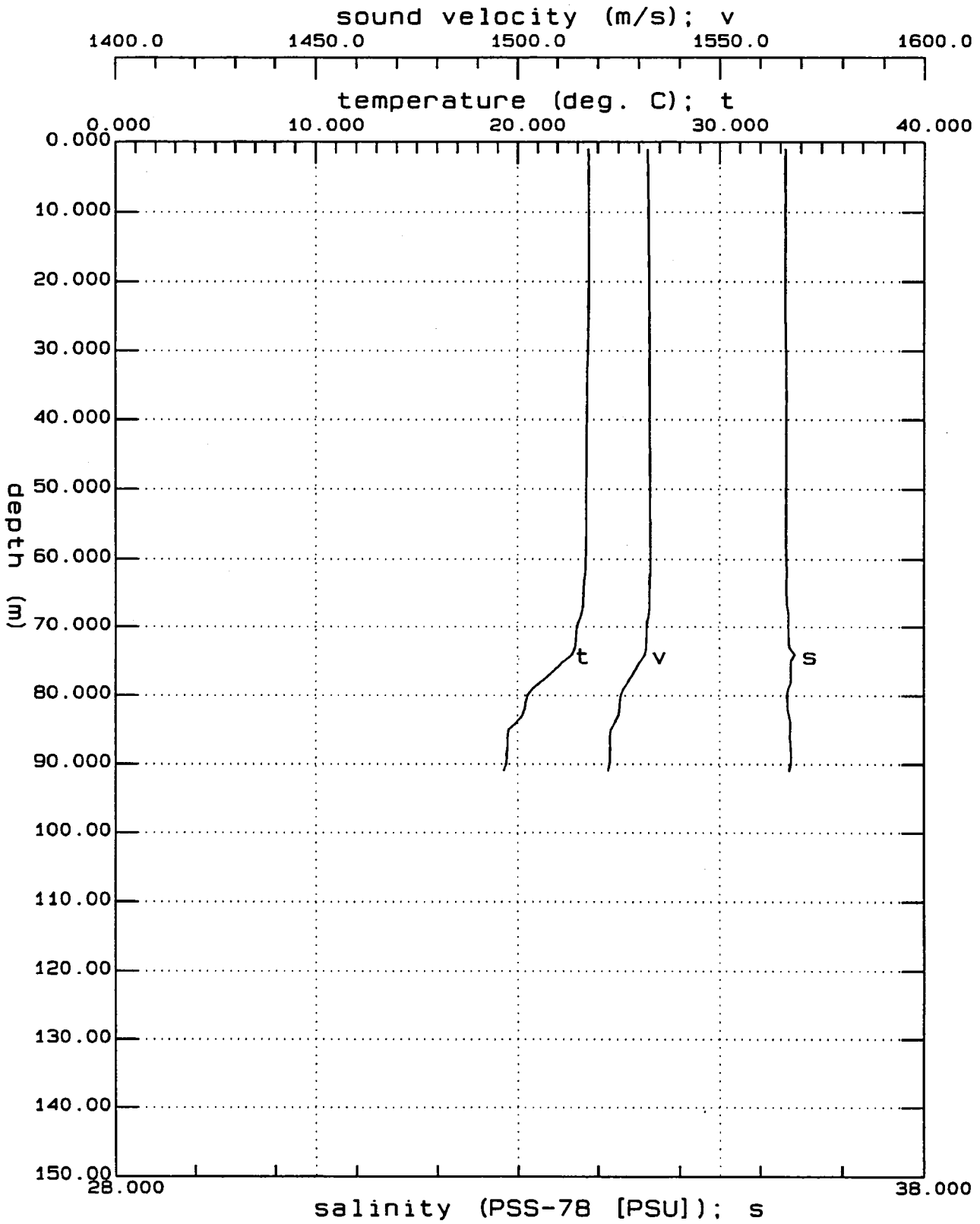
08-076.CNV: Gulfcet Cruise 07



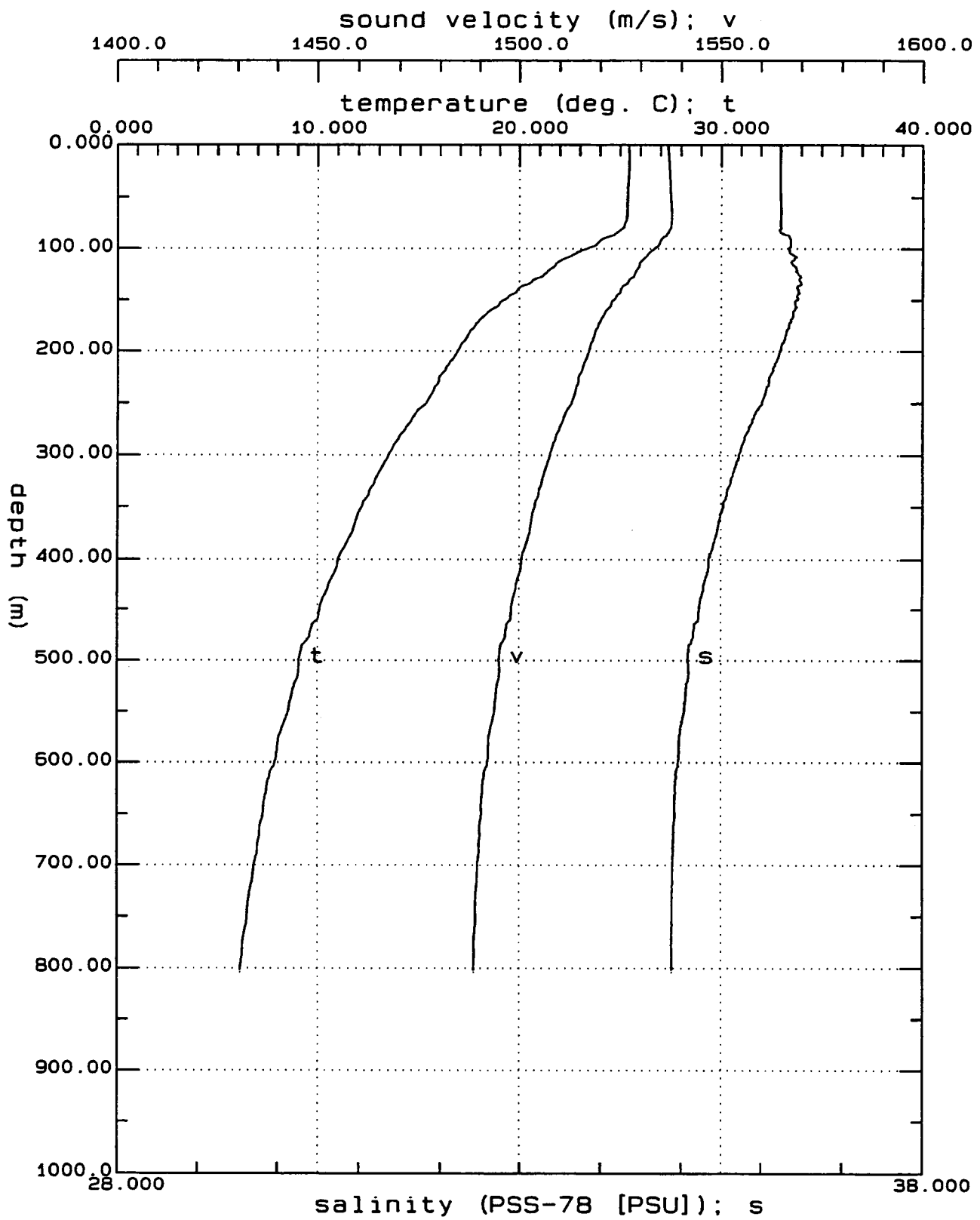
08-080.CNV: Gulfcet Cruise 07



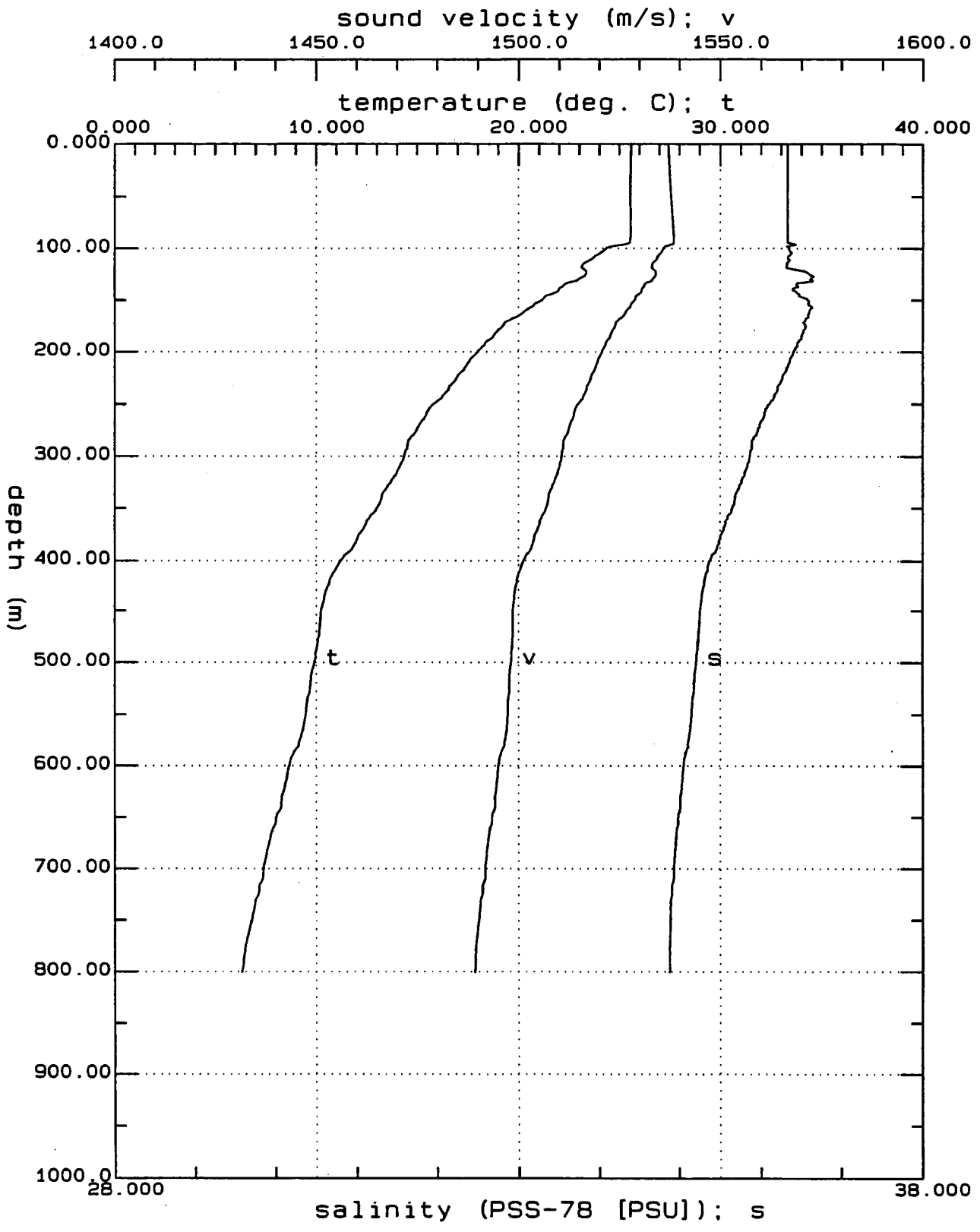
08-086.CNV: Gulfcet Cruise 07



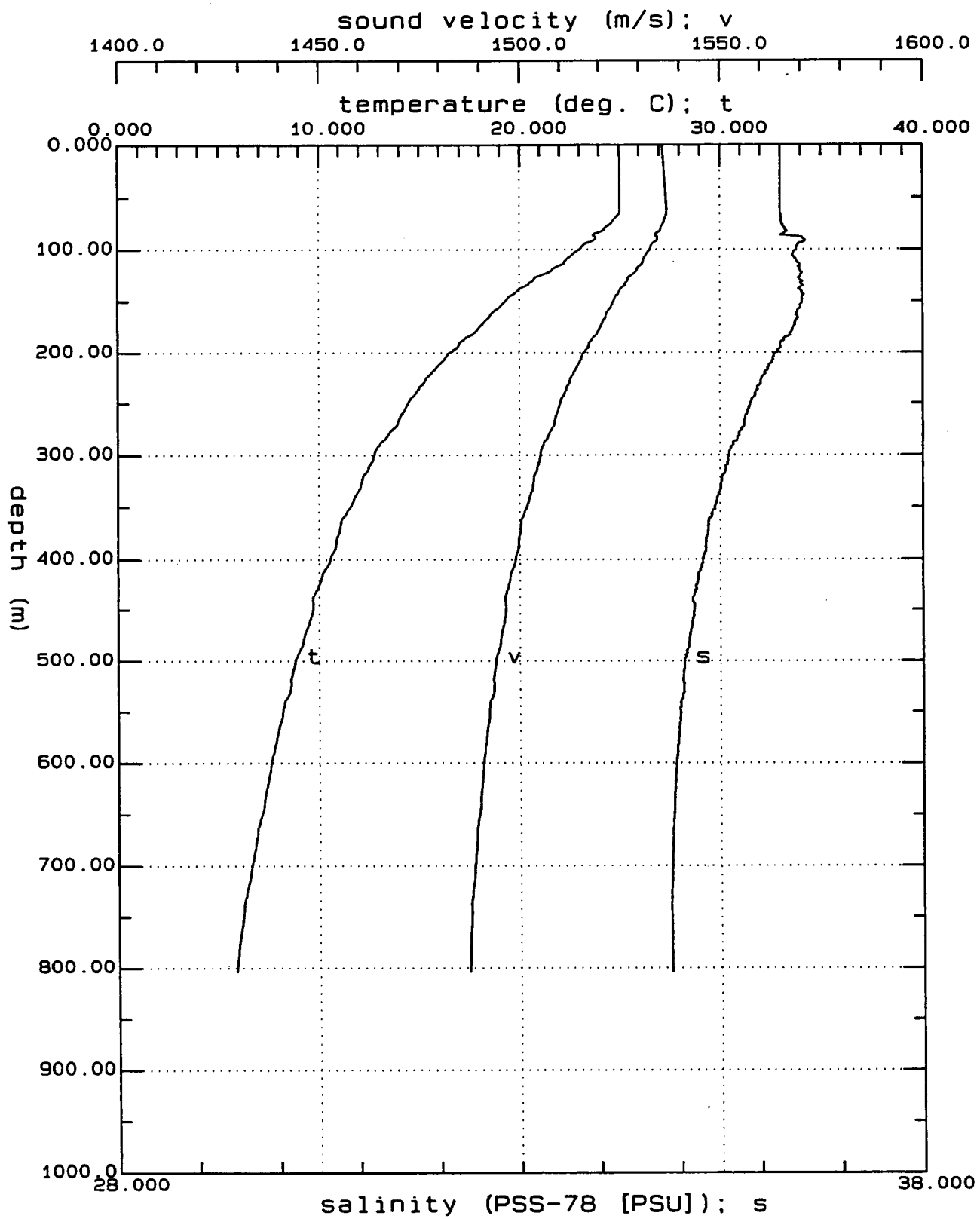
09-087.CNV: Gulfcet Cruise 07



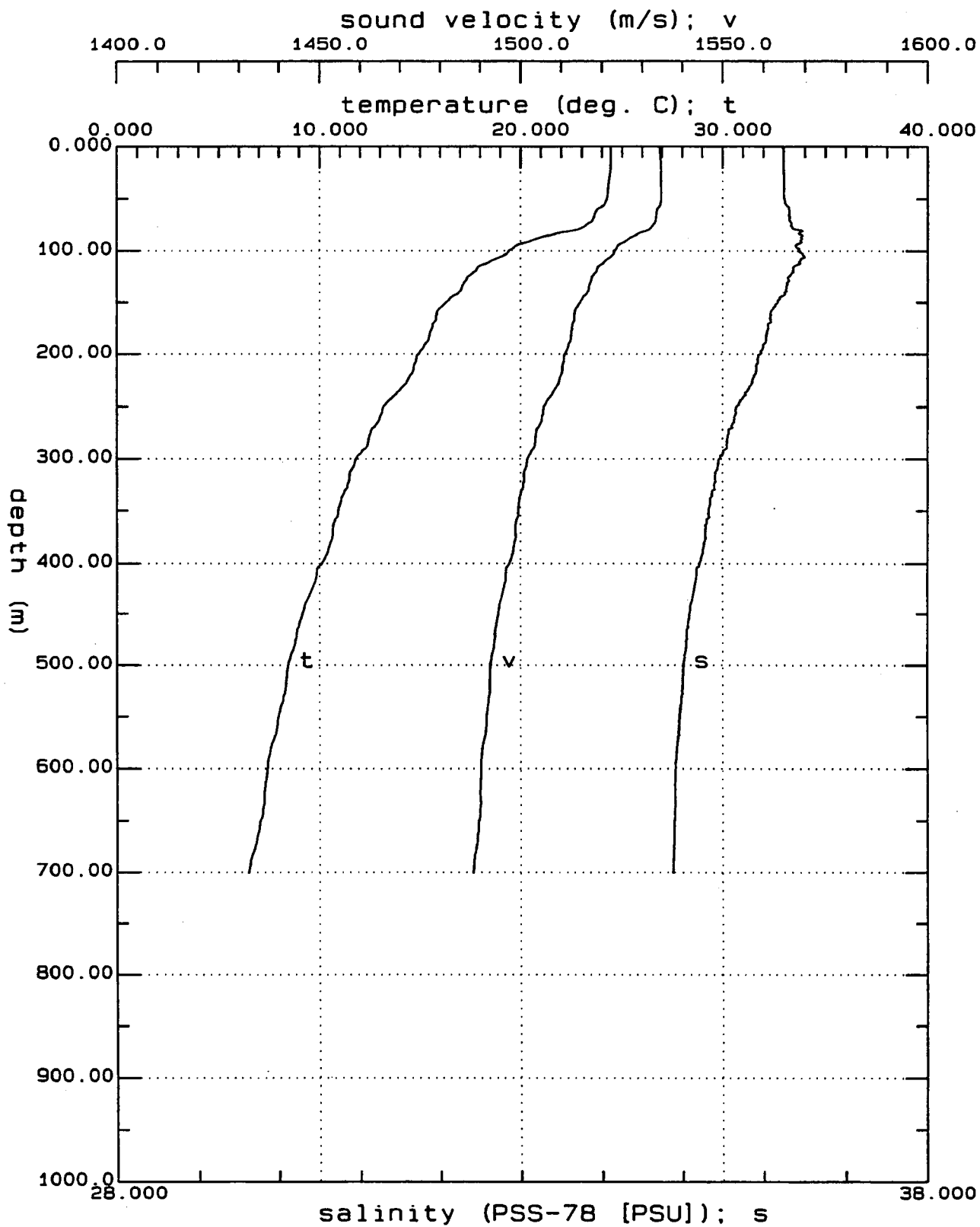
09-093.CNV: Gulfcet Cruise 07



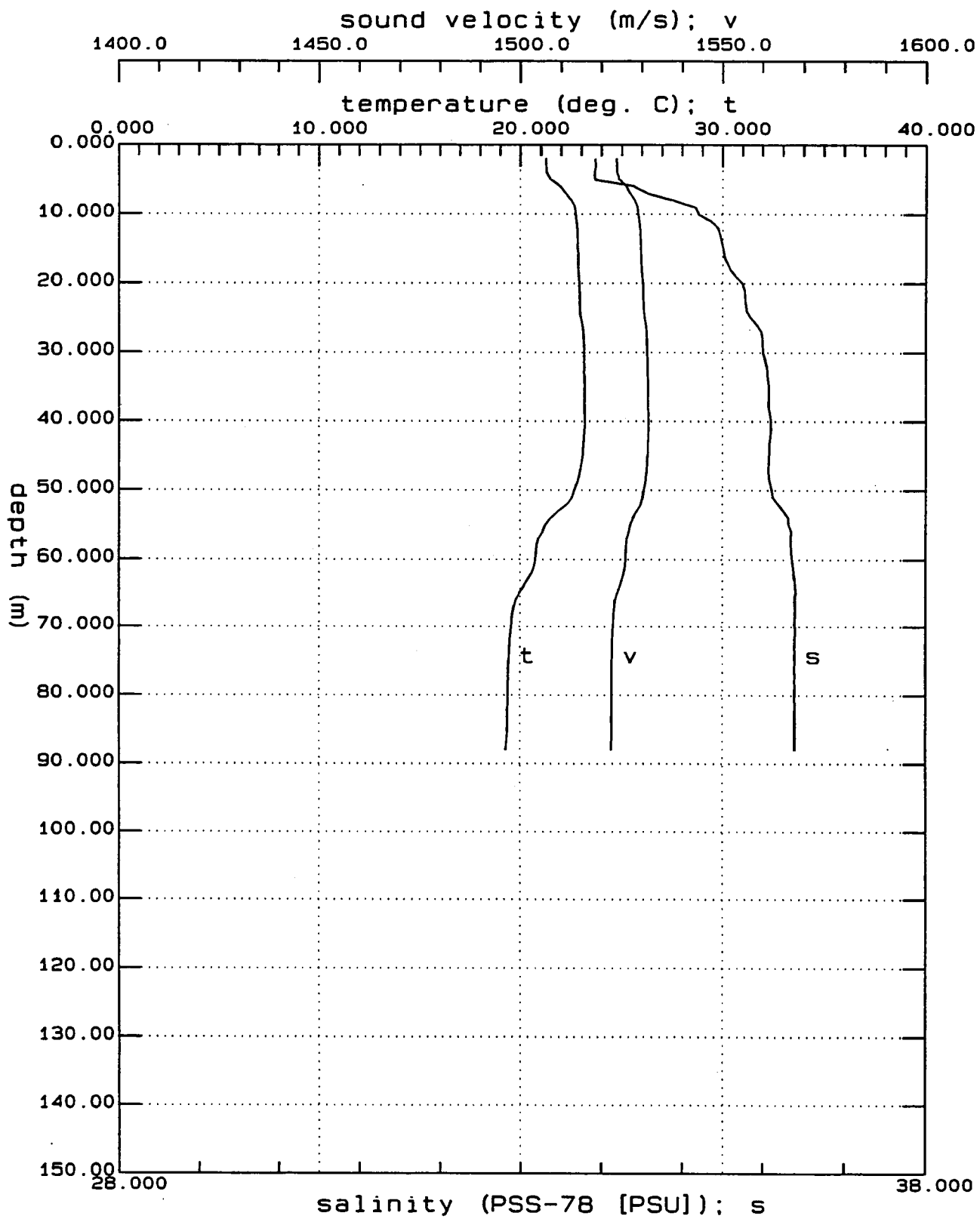
09-096.CNV: Gulfcet Cruise 07
975



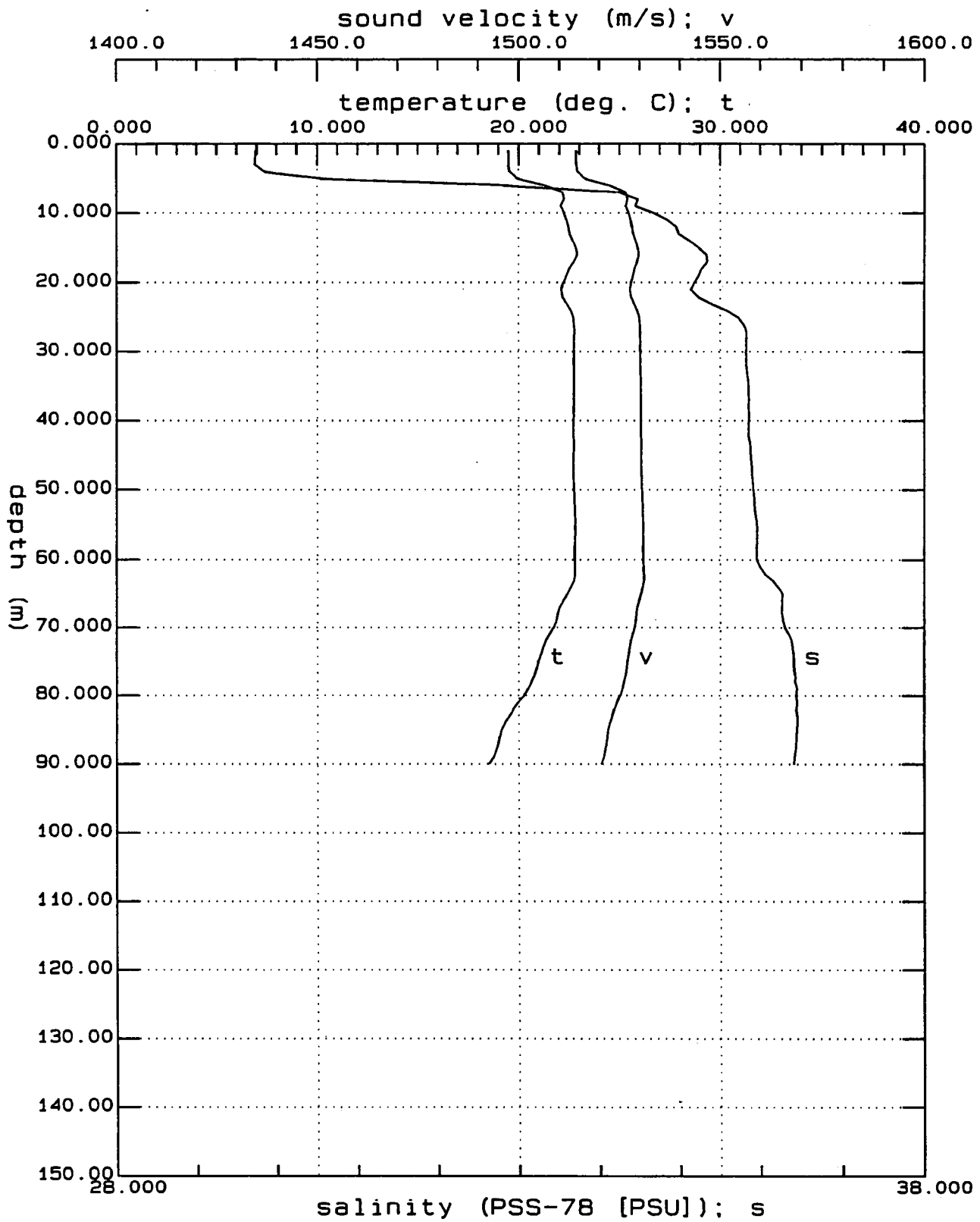
10-097.CNV: Gulfcet Cruise 07



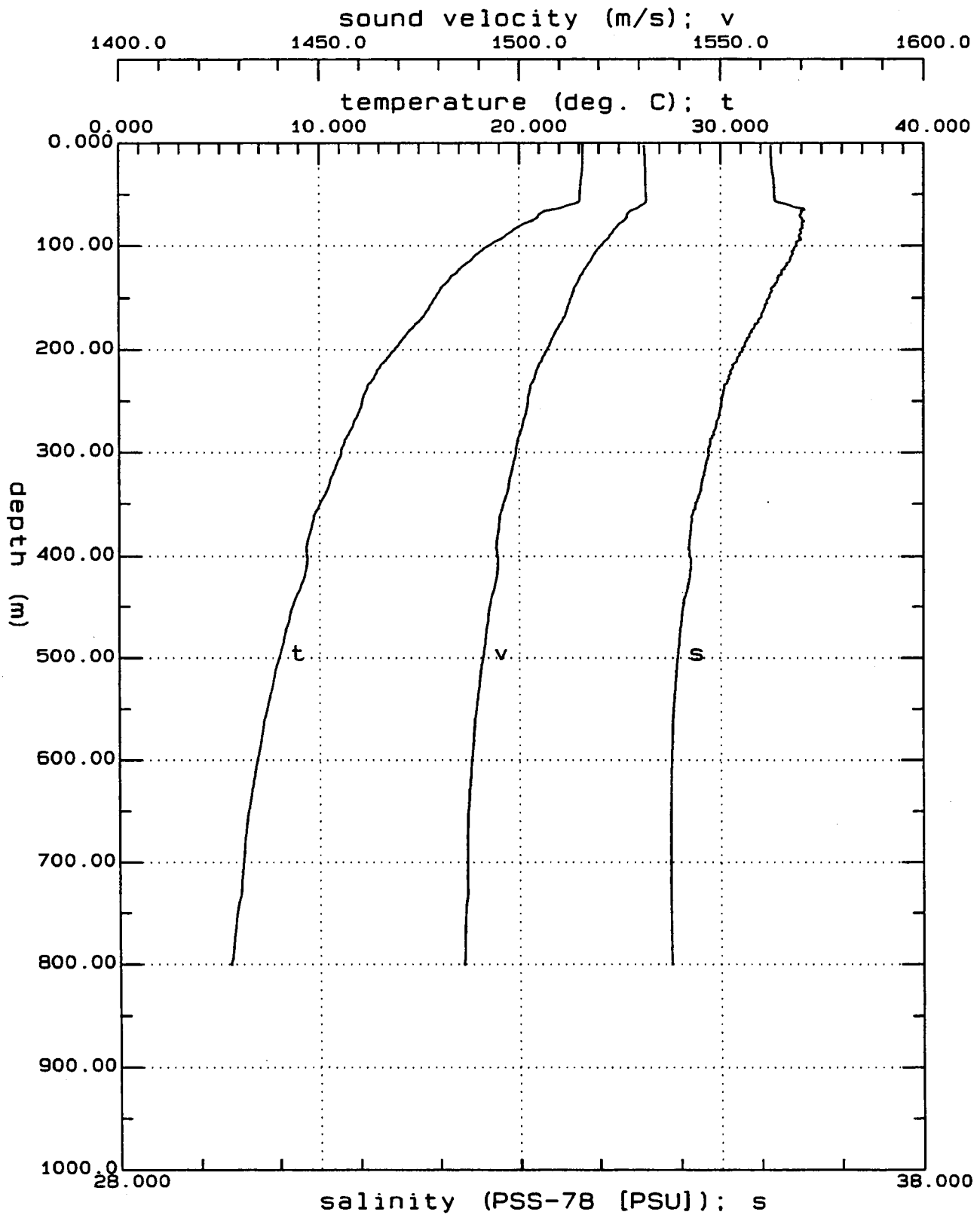
10-100.CNV: Gulfcet Cruise 07



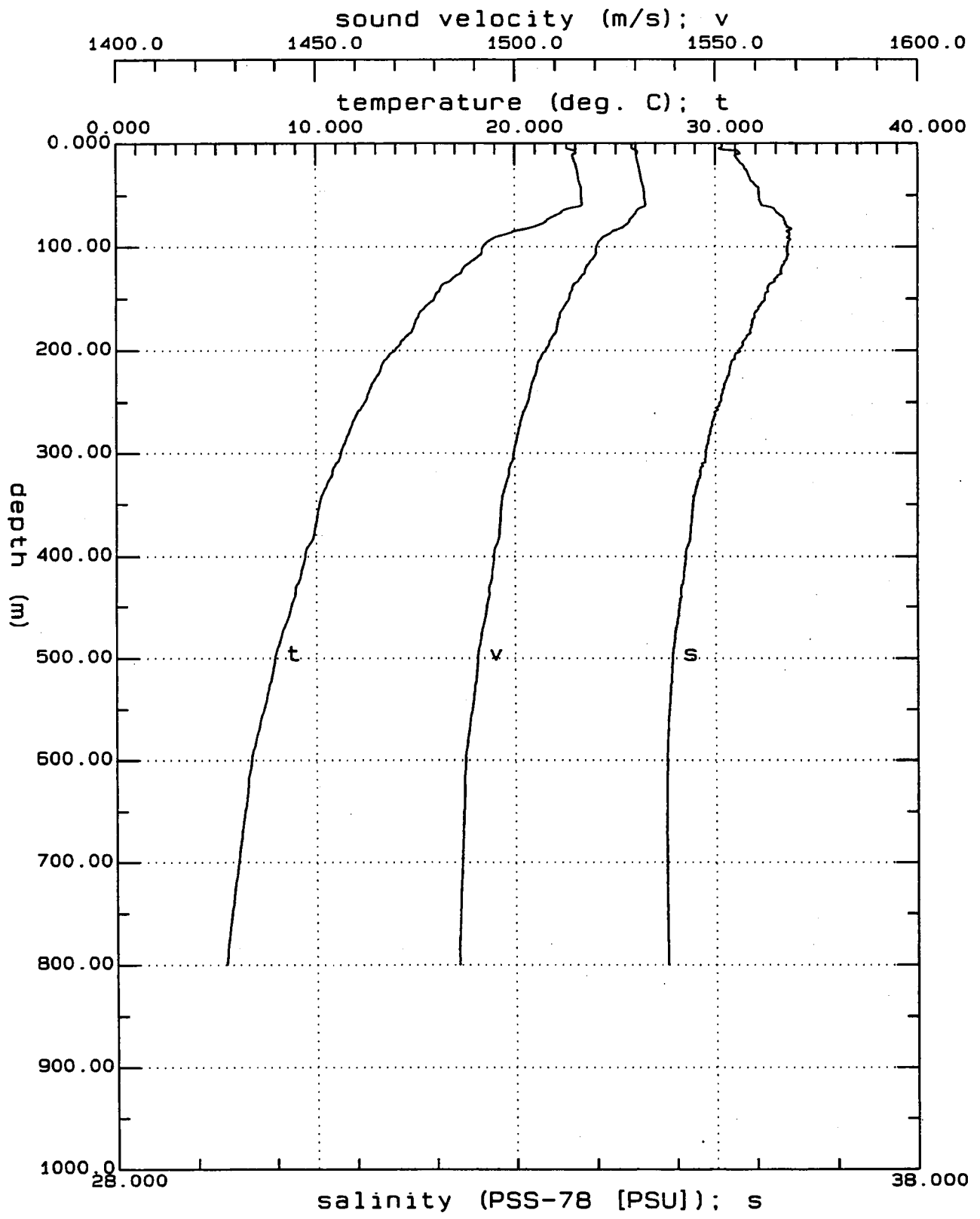
10-105.CNV: Gulfcet Cruise 07



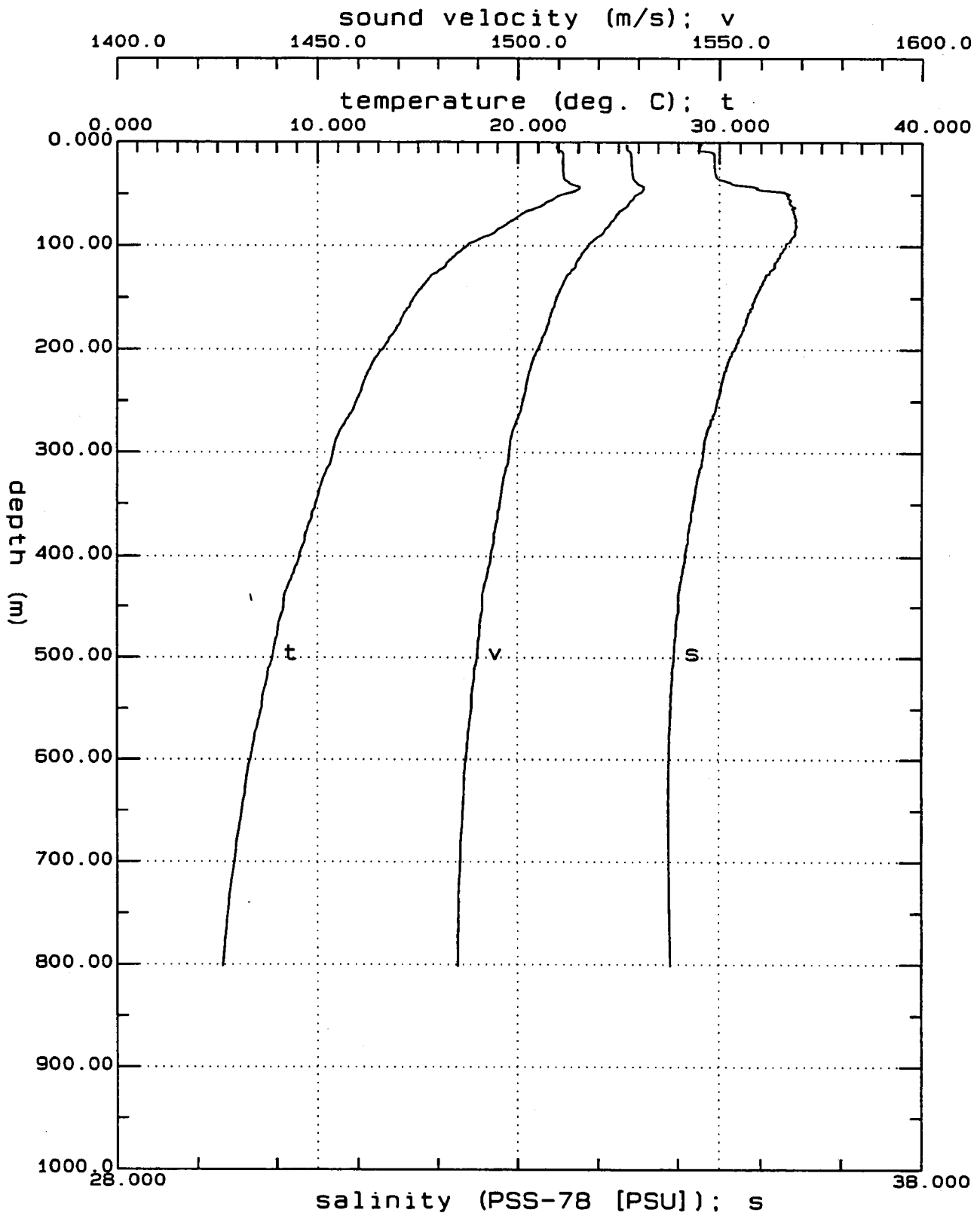
11-106.CNV: Gulfcet Cruise 07



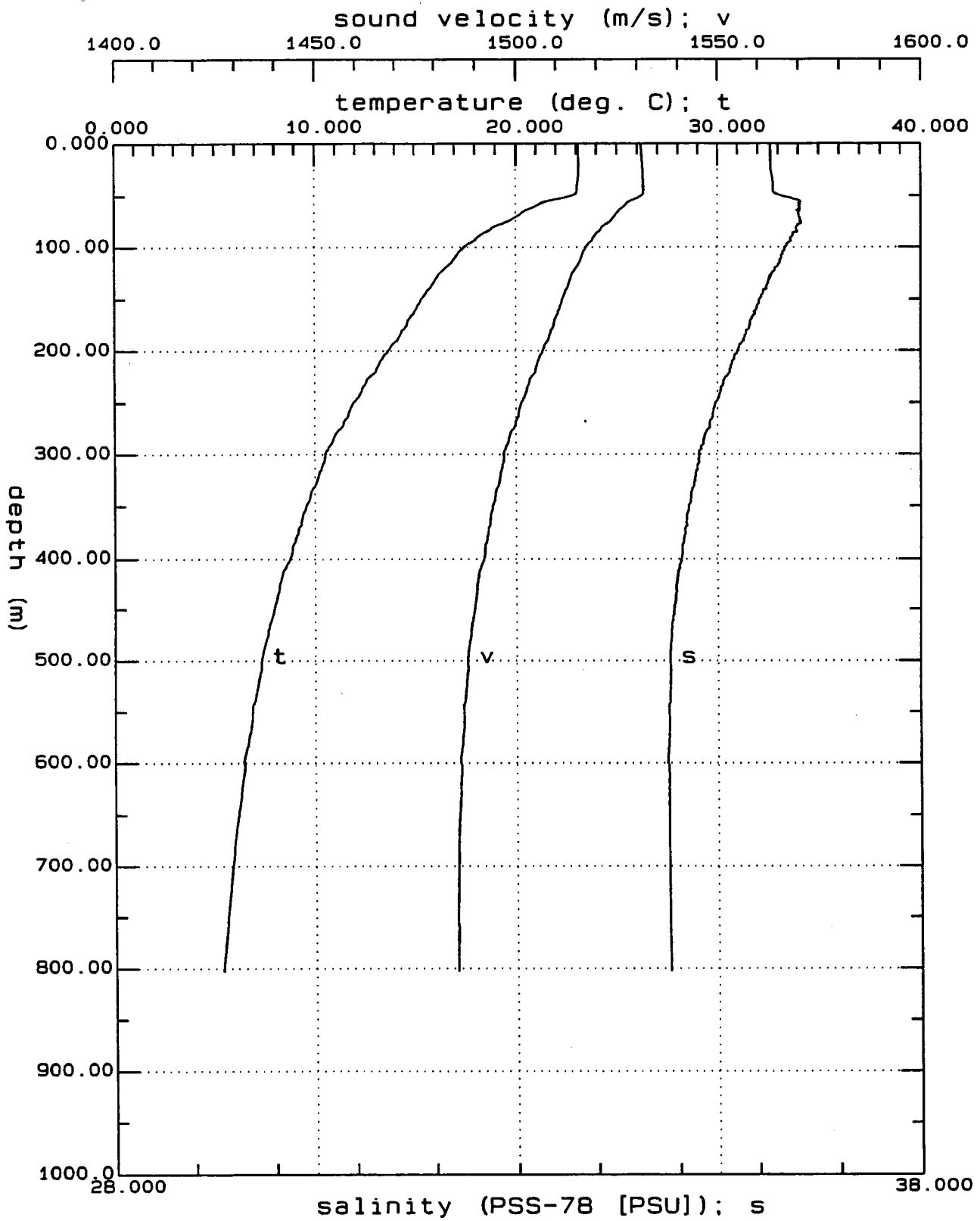
11-112.CNV: Gulfcet Cruise 07



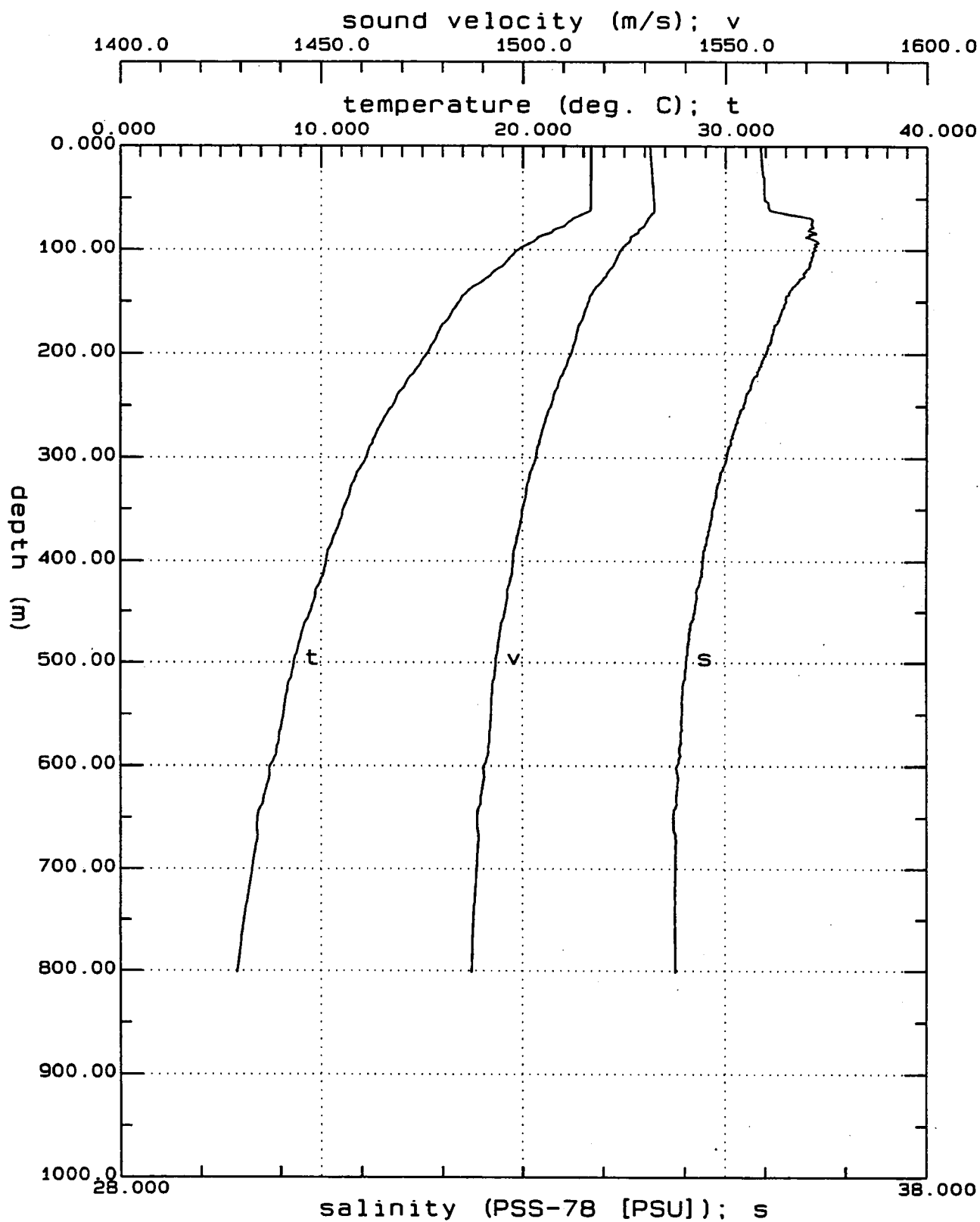
11-115.CNV: Gulfcet Cruise 07



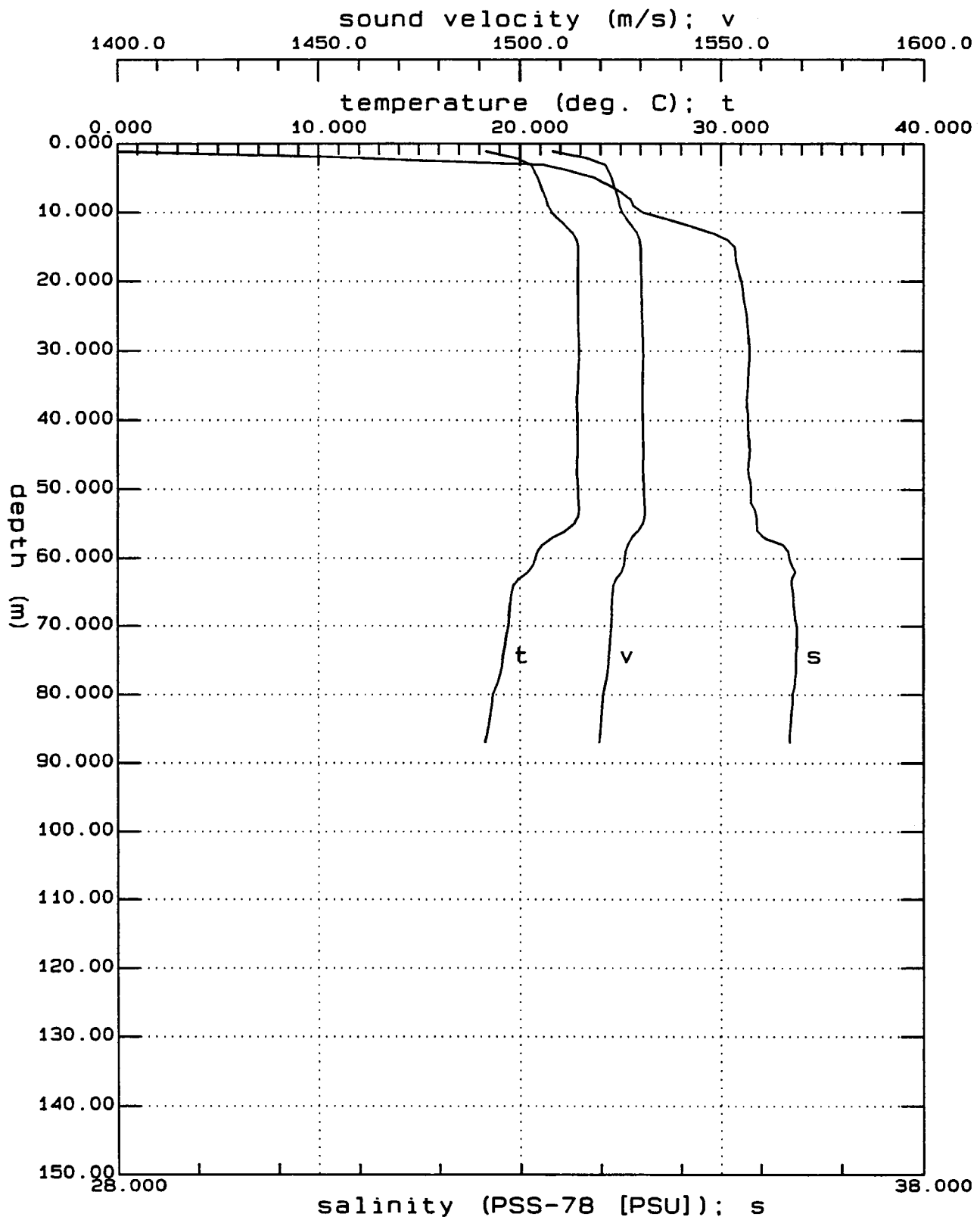
12-116.CNV: Gulfcet Cruise 07



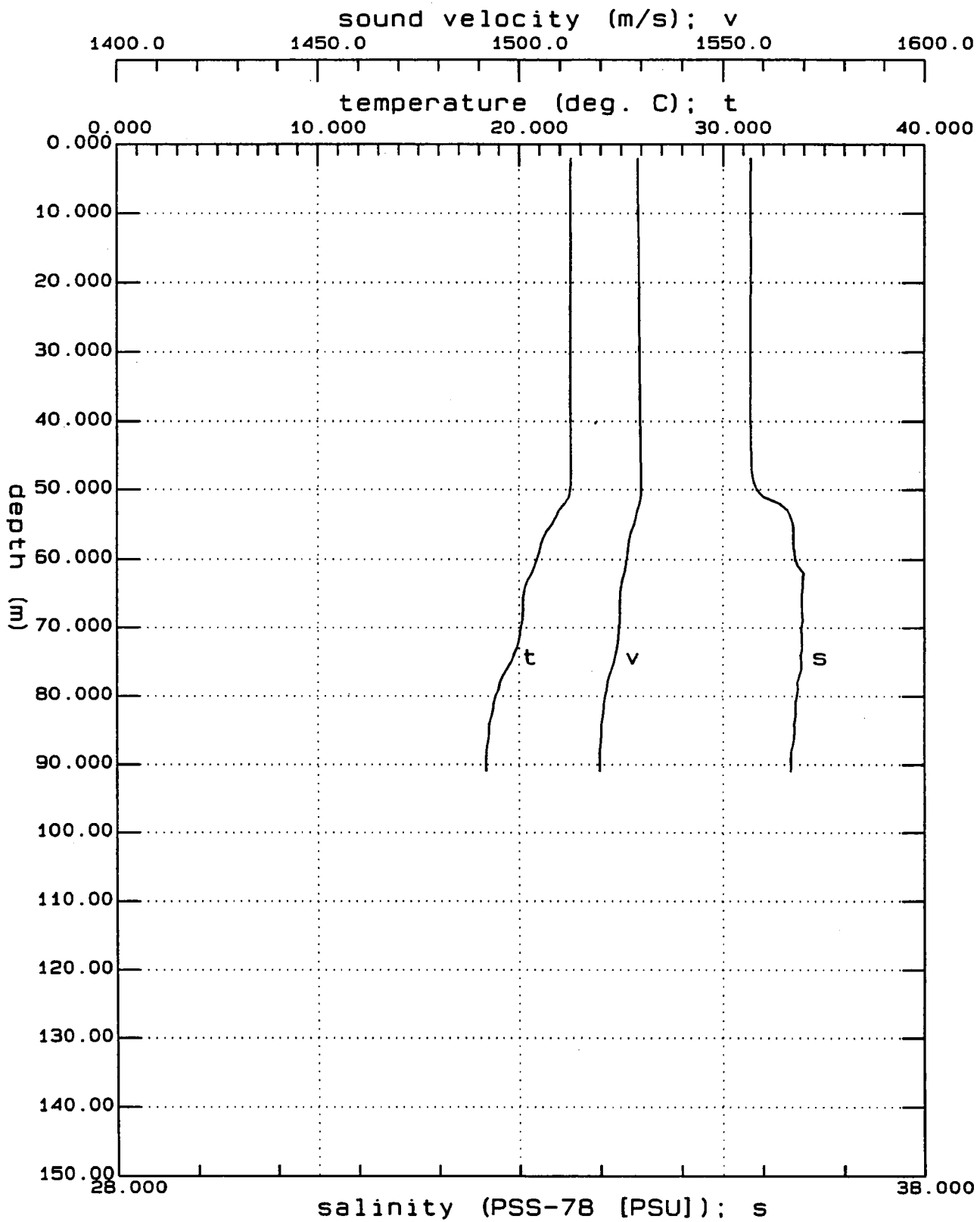
12-117.CNV: Gulfcet Cruise 07



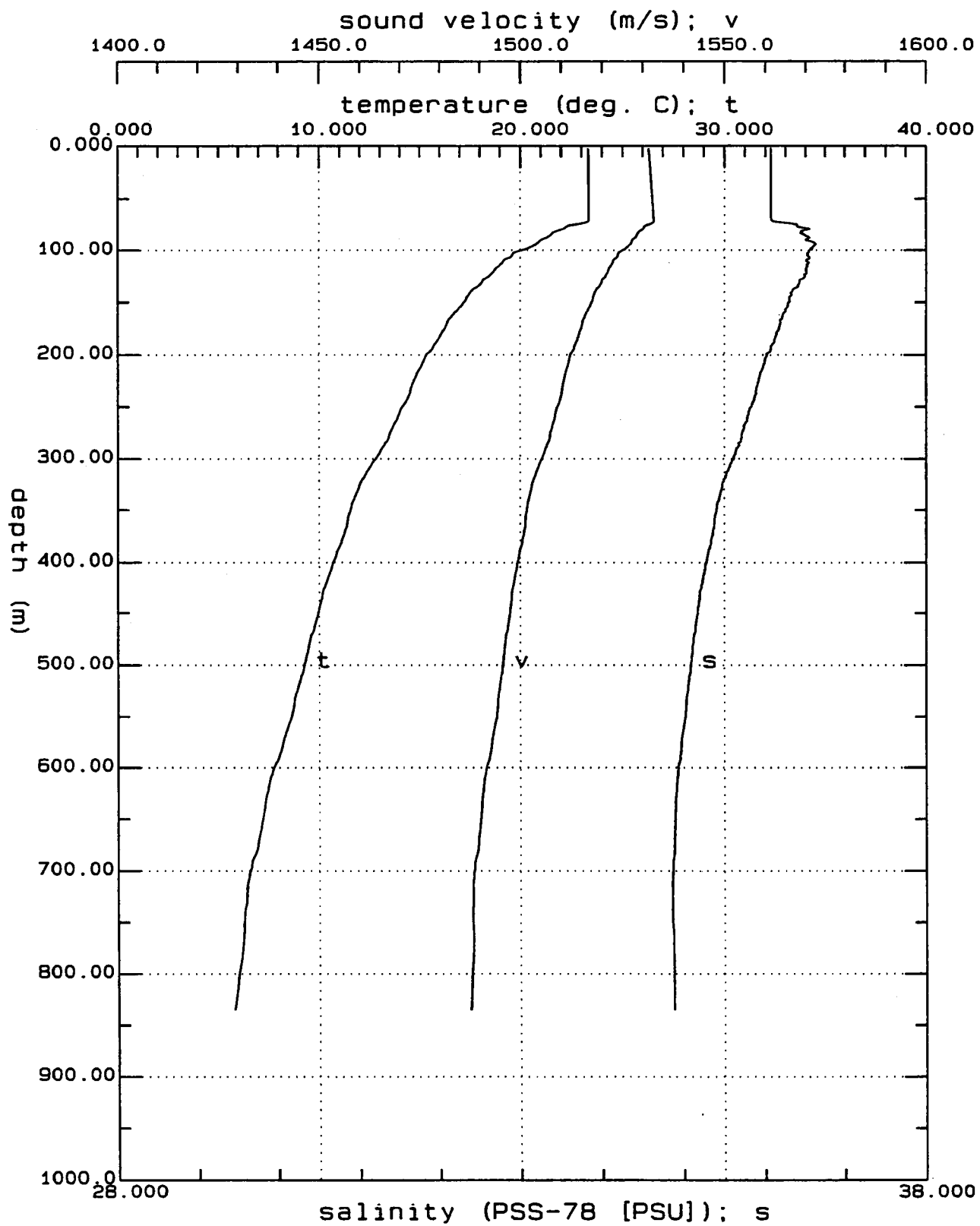
12-119.CNV: Gulfcet Cruise 07



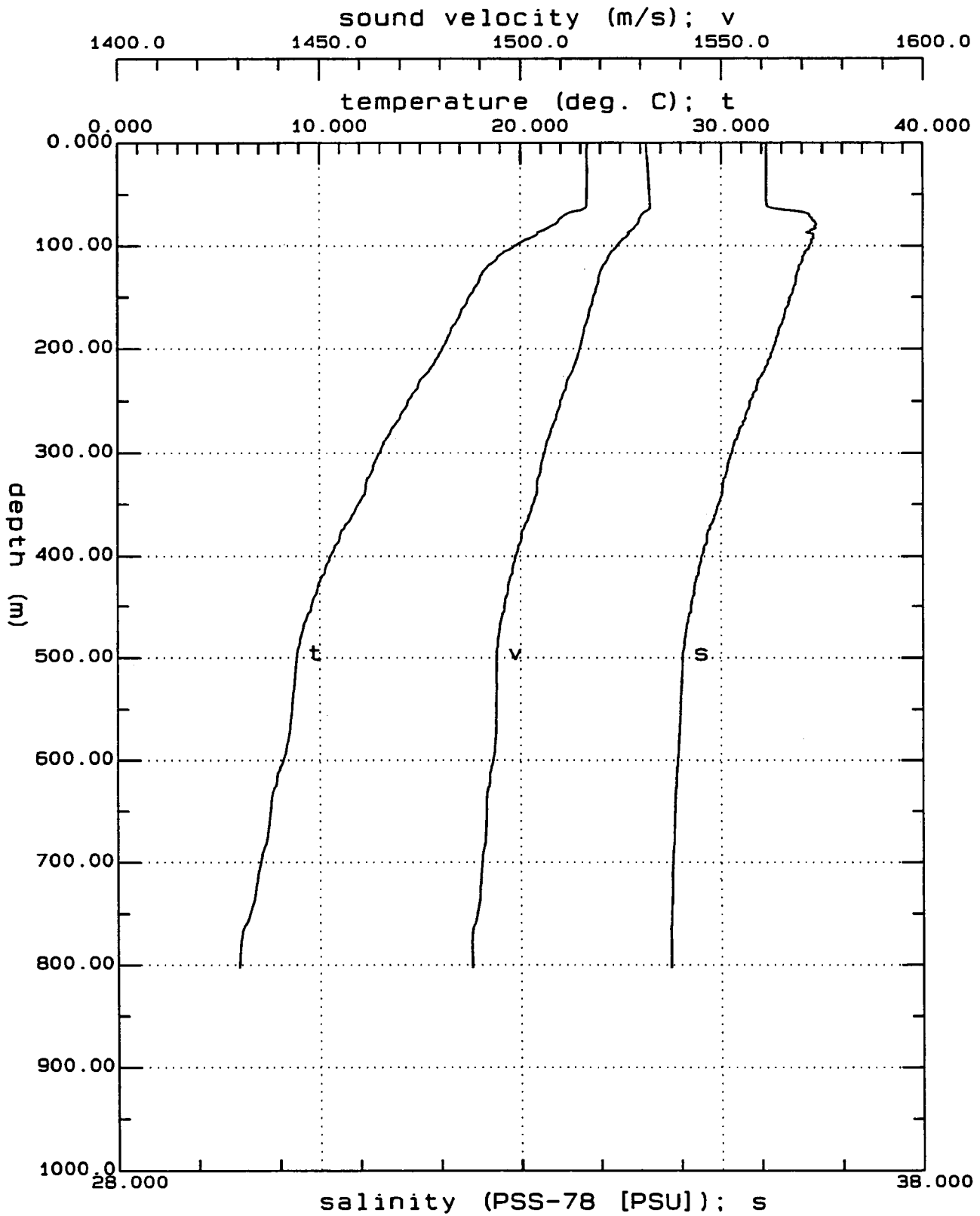
12-125.CNV: Gulfcet Cruise 07



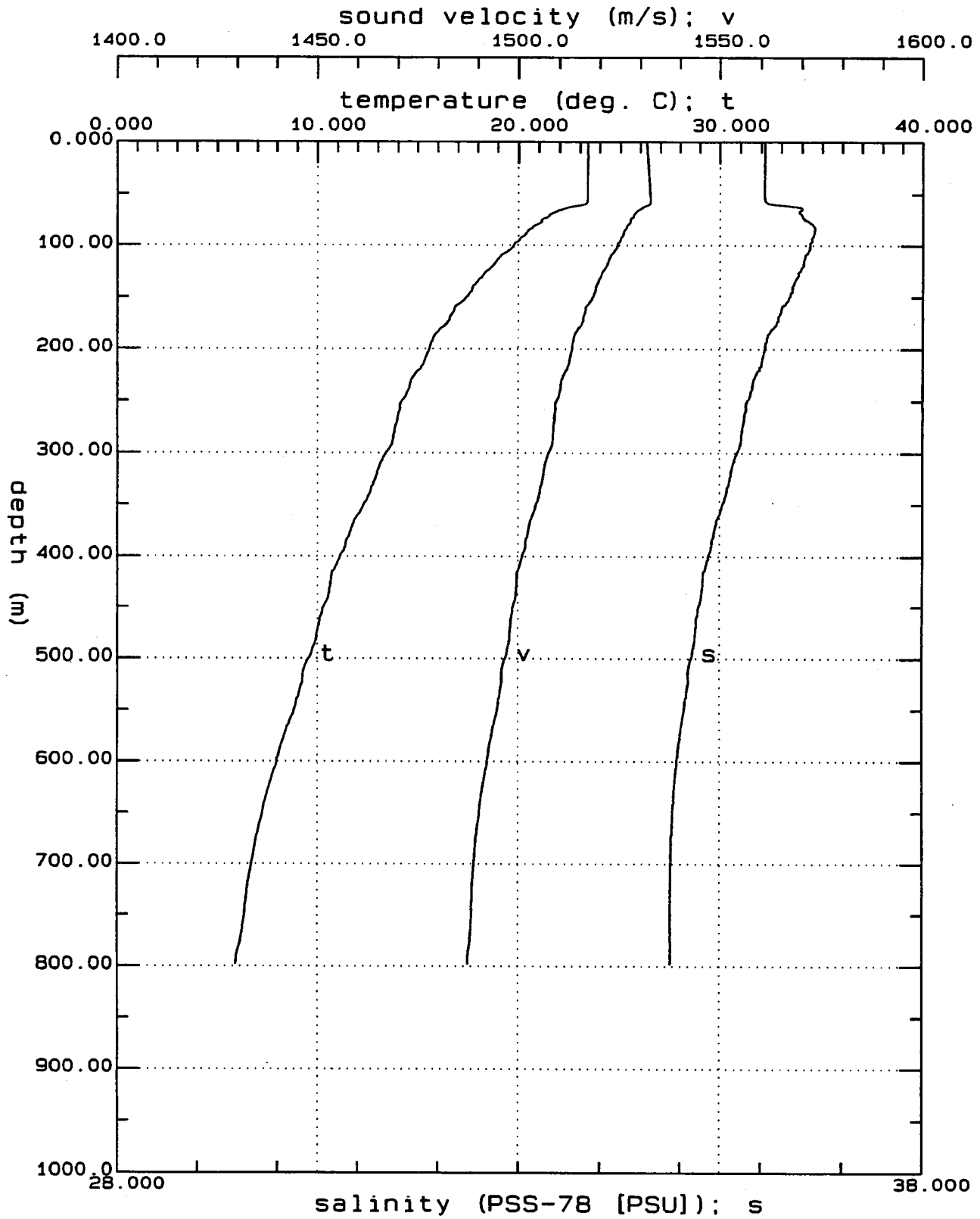
13-126.CNV: Gulfcet Cruise 07



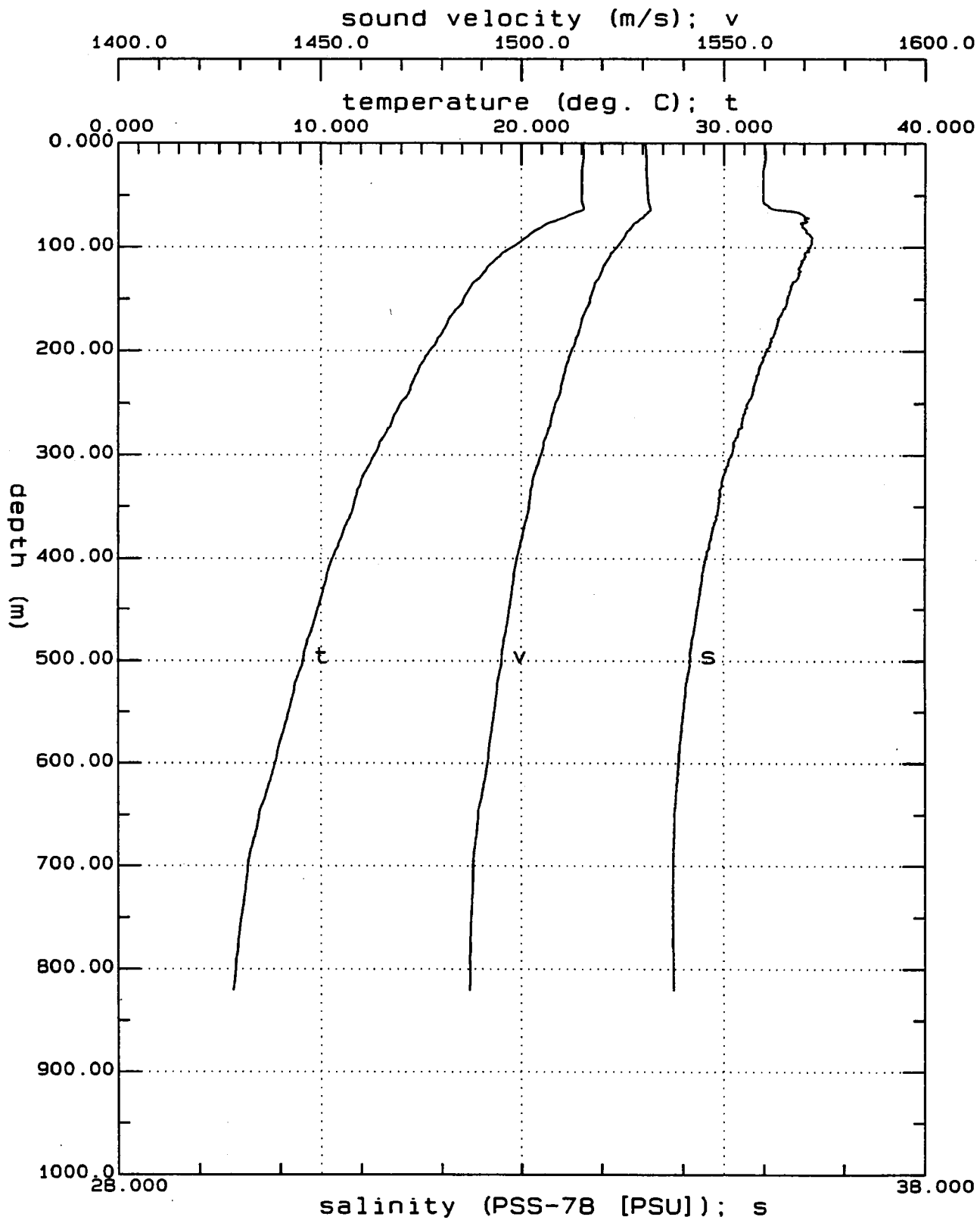
13-133.CNV: Gulfcet Cruise 07



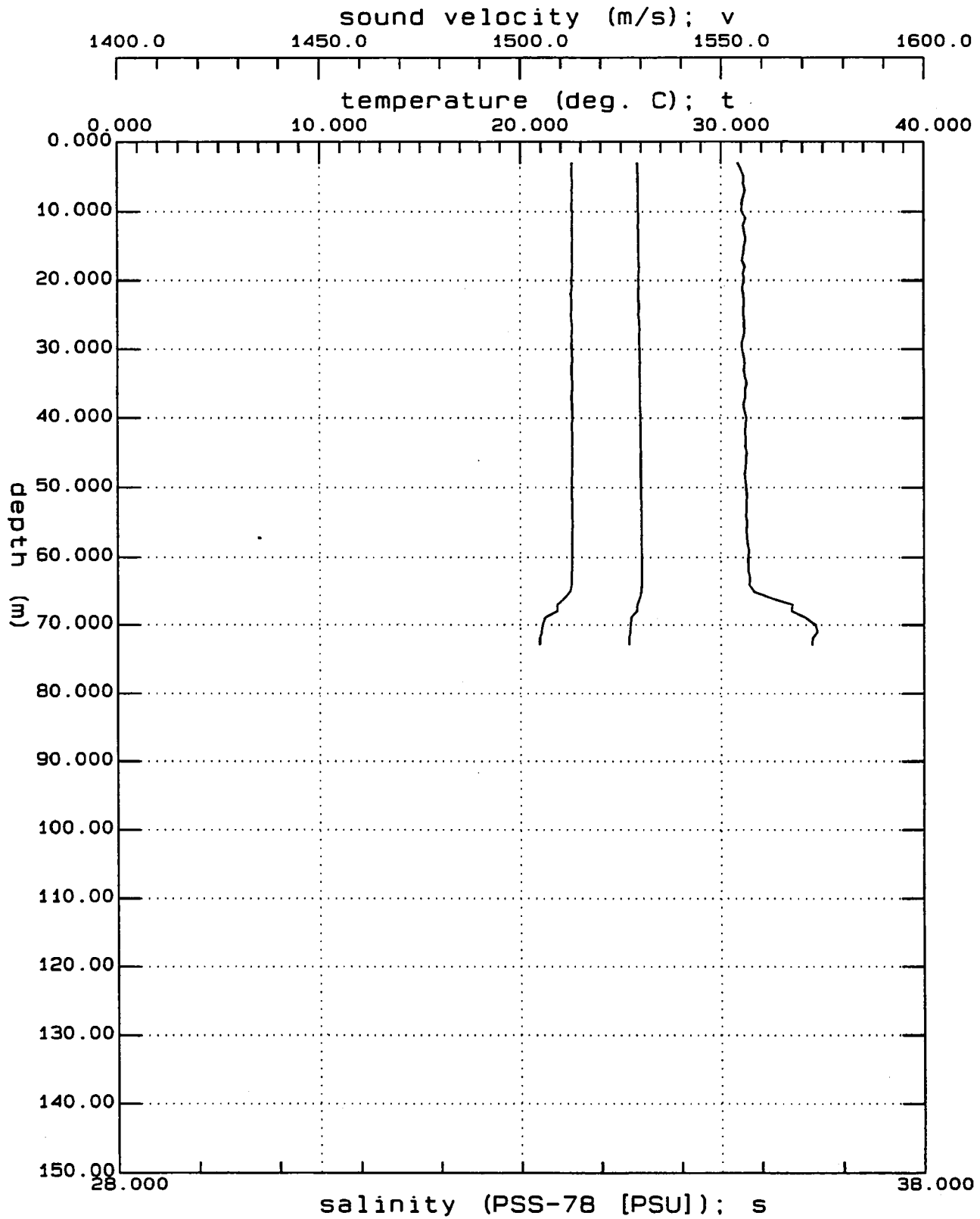
13-134.CNV: Gulfcet Cruise 07



14-135.CNV: Gulfcet Cruise 07

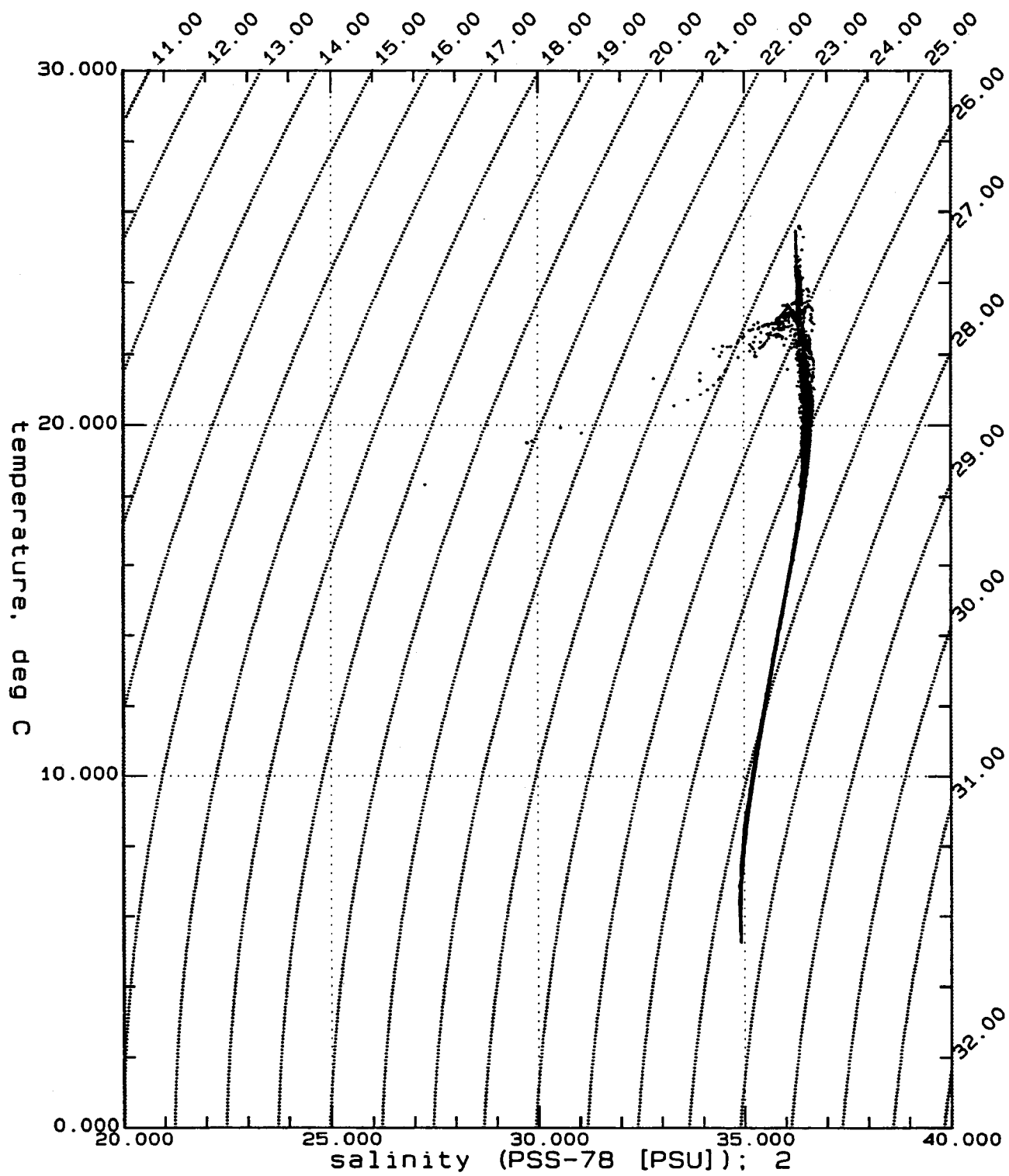


14-136.CNV: Gulfcet Cruise 07

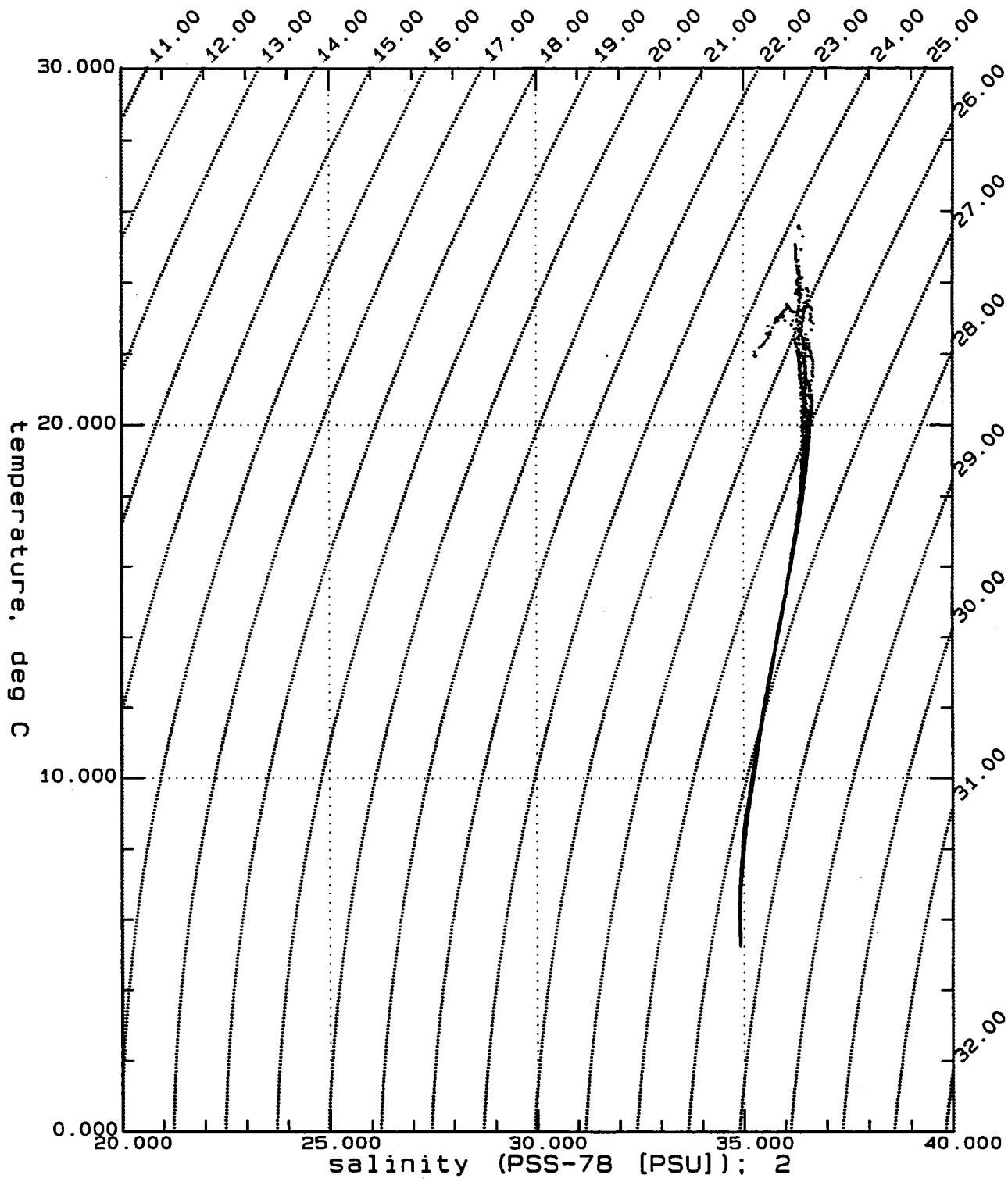


14-143.CNV: Gulfcet Cruise 07

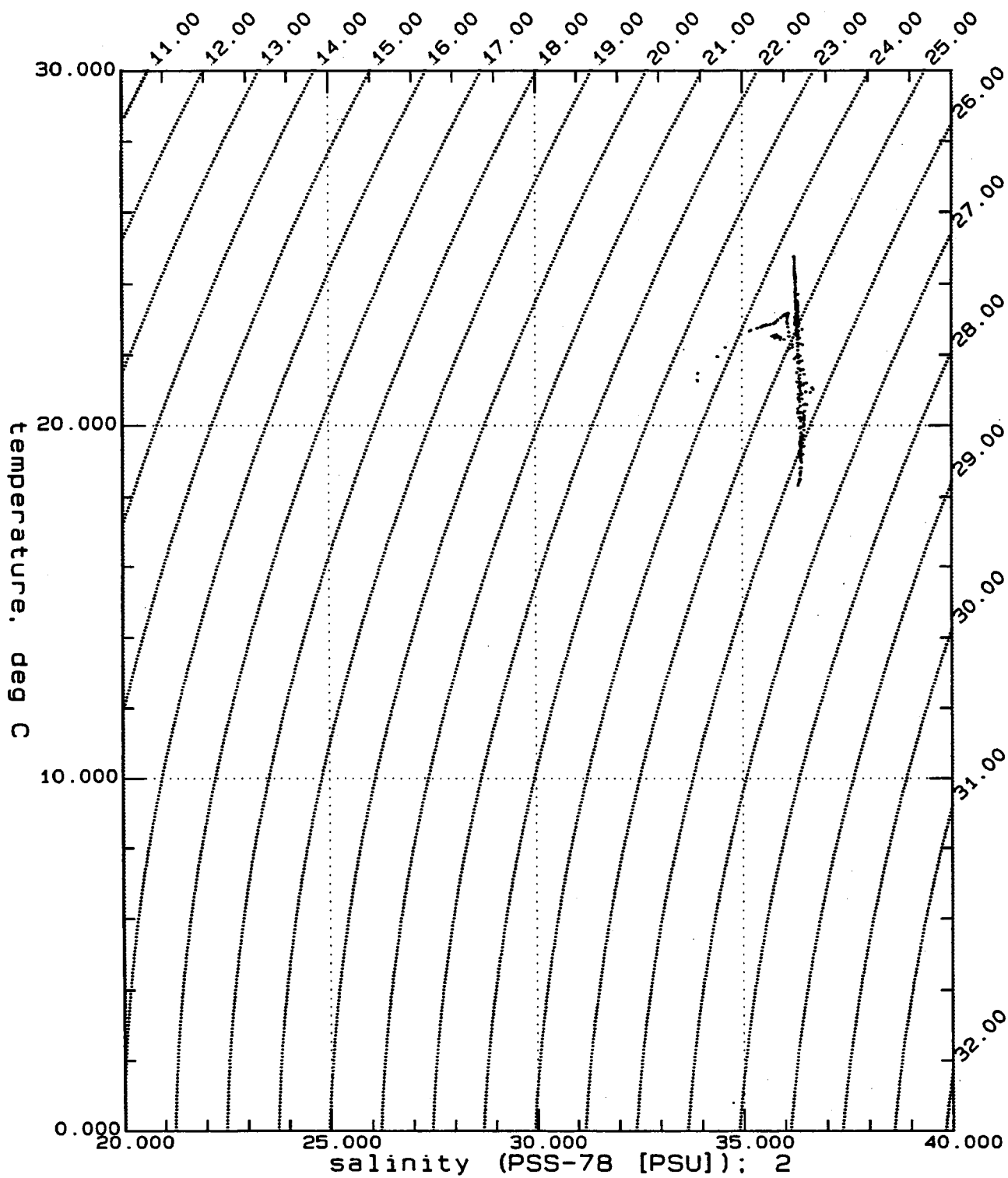
8.6 T-S Plots



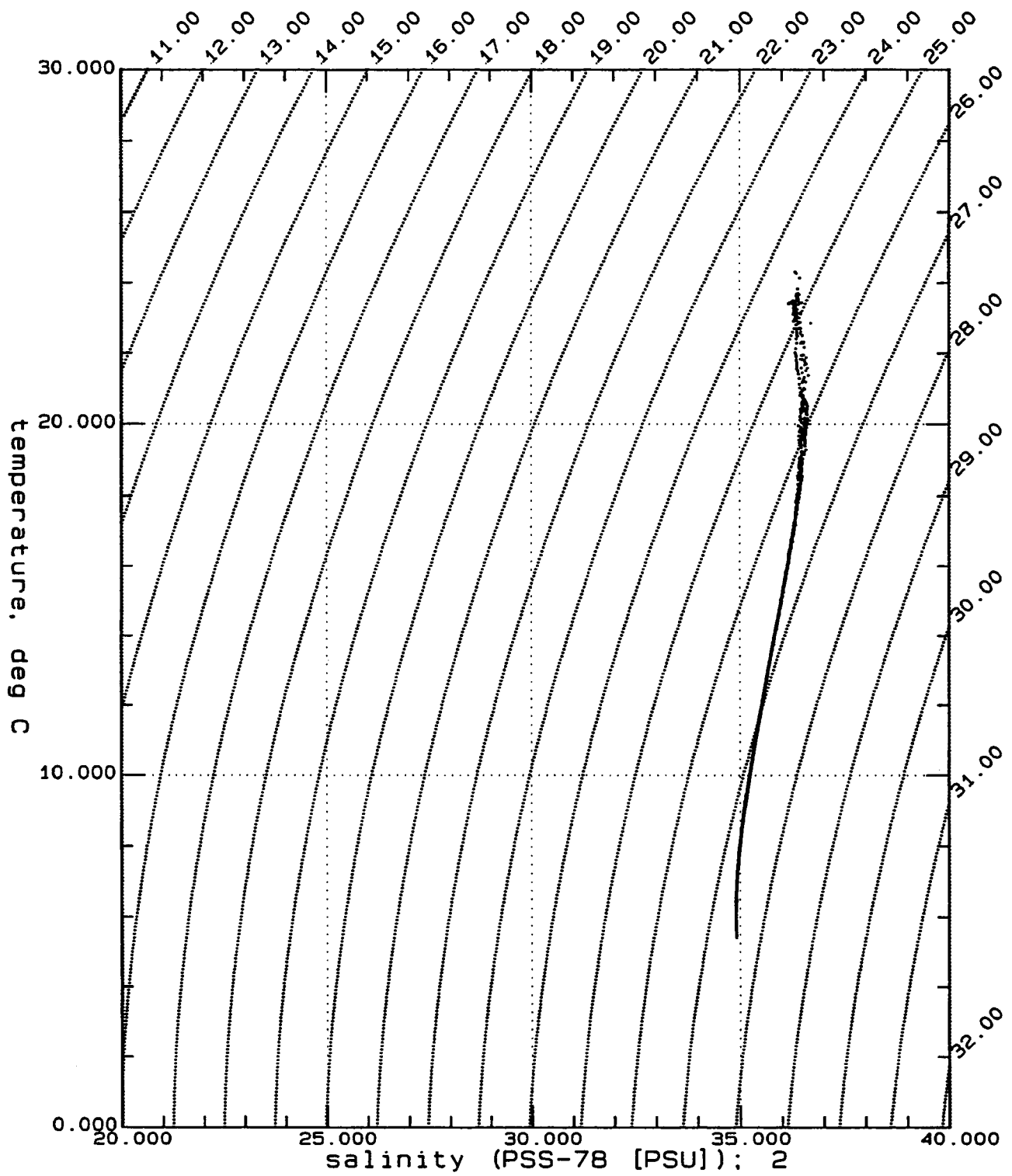
Gulfcet Cruise 07 - All Stations



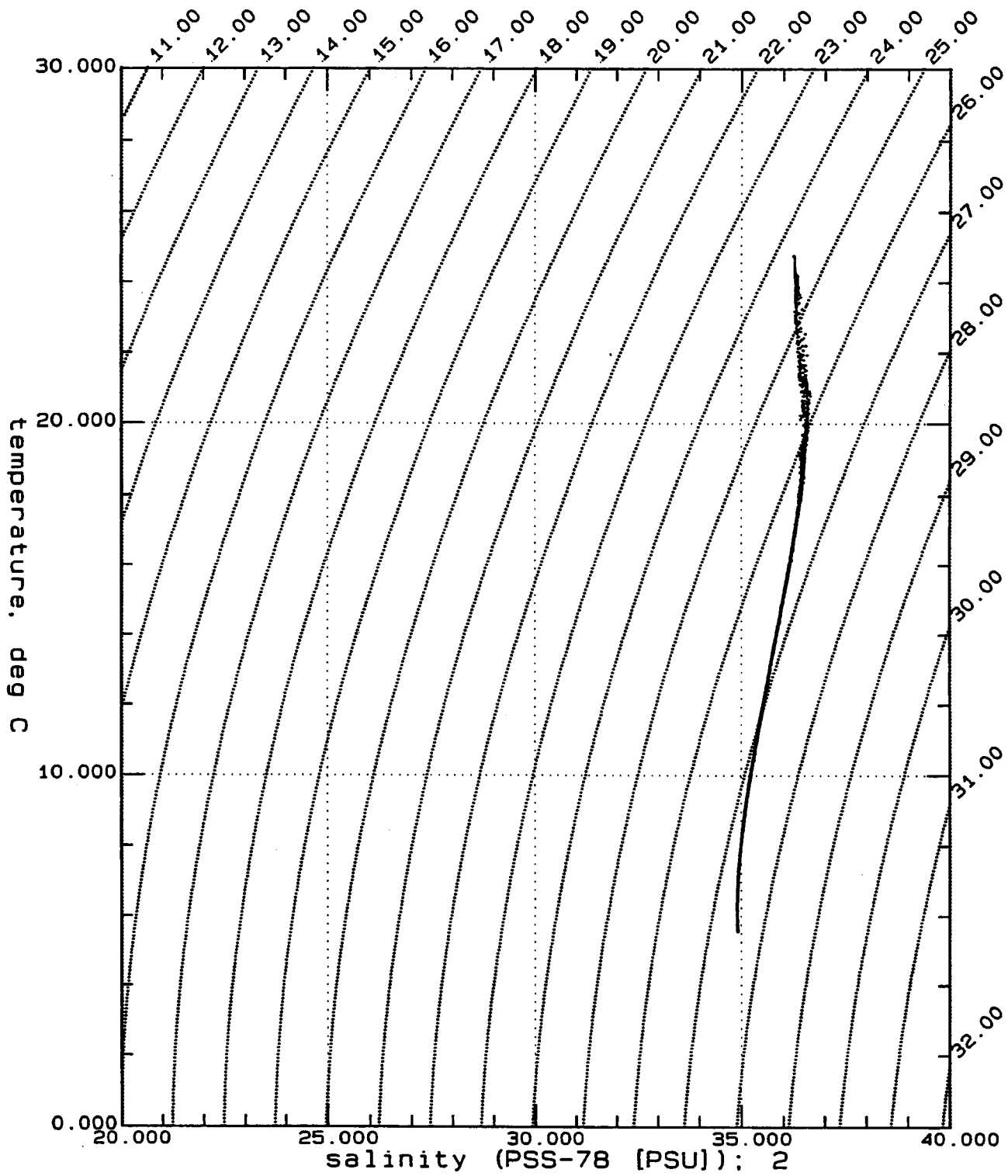
Gulfcet Cruise 07 - Offshore Stations



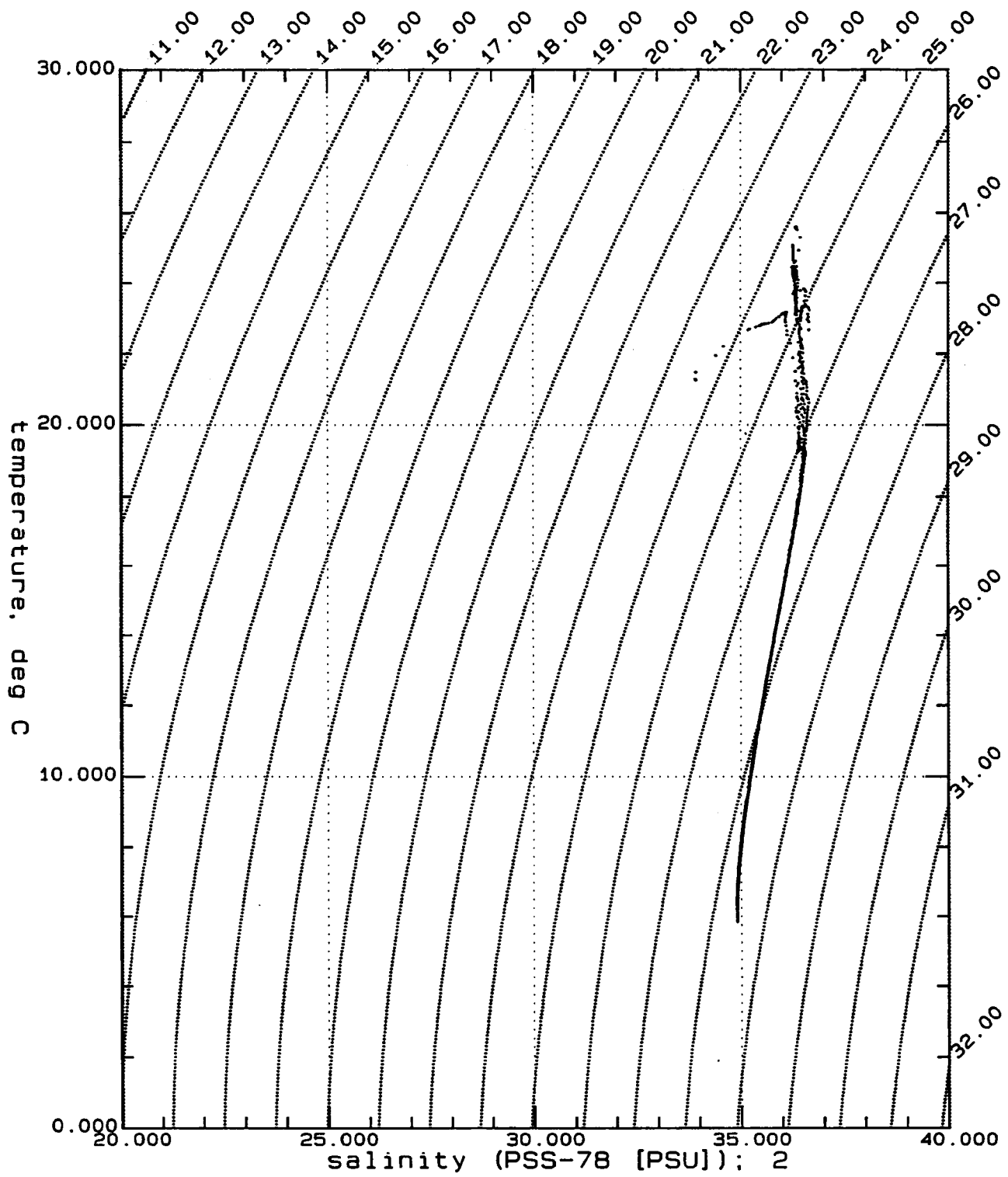
Gulfcet Cruise 07 - Inshore Stations



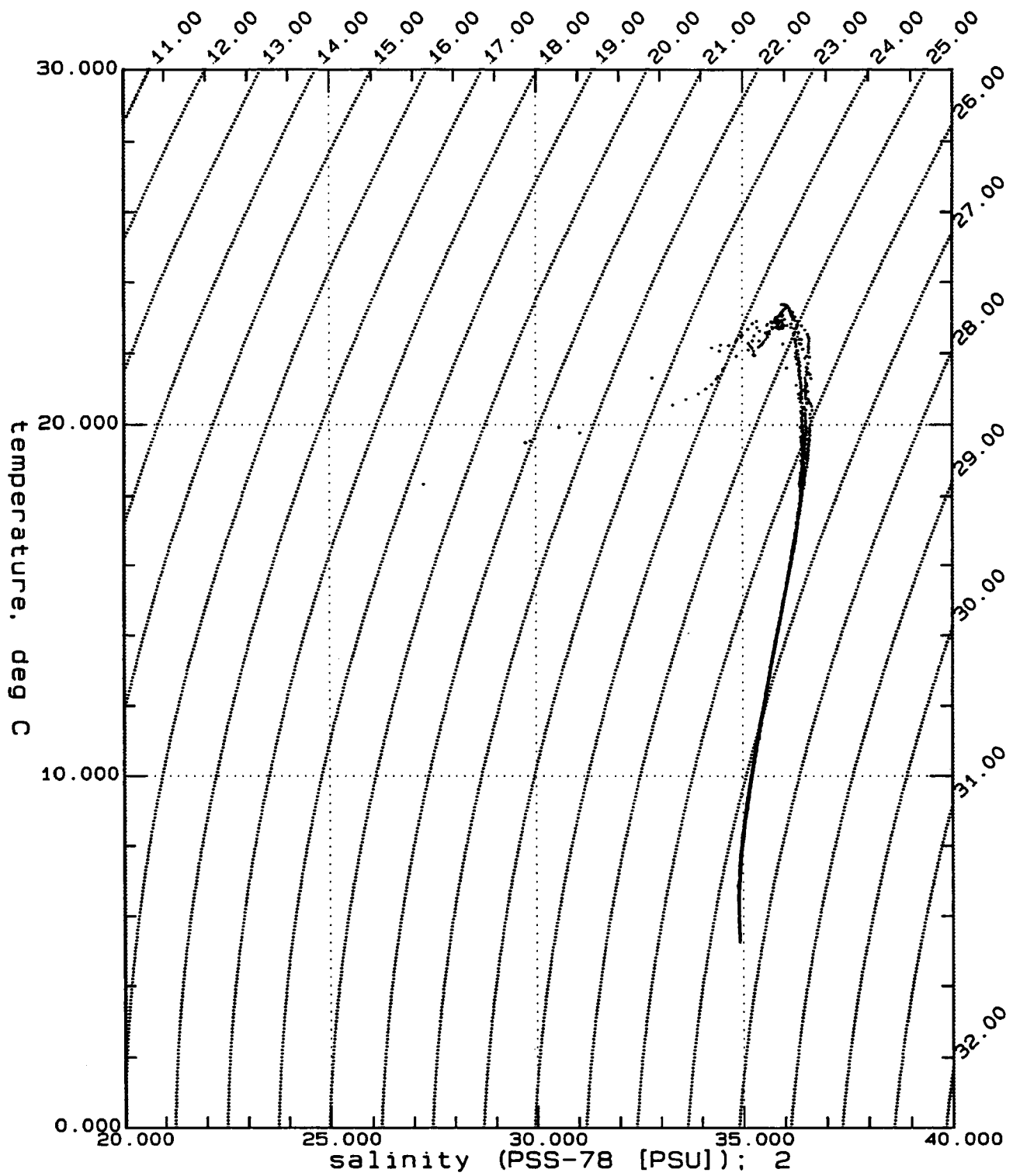
Gulfcet Cruise 07 - Lines 05 and 06



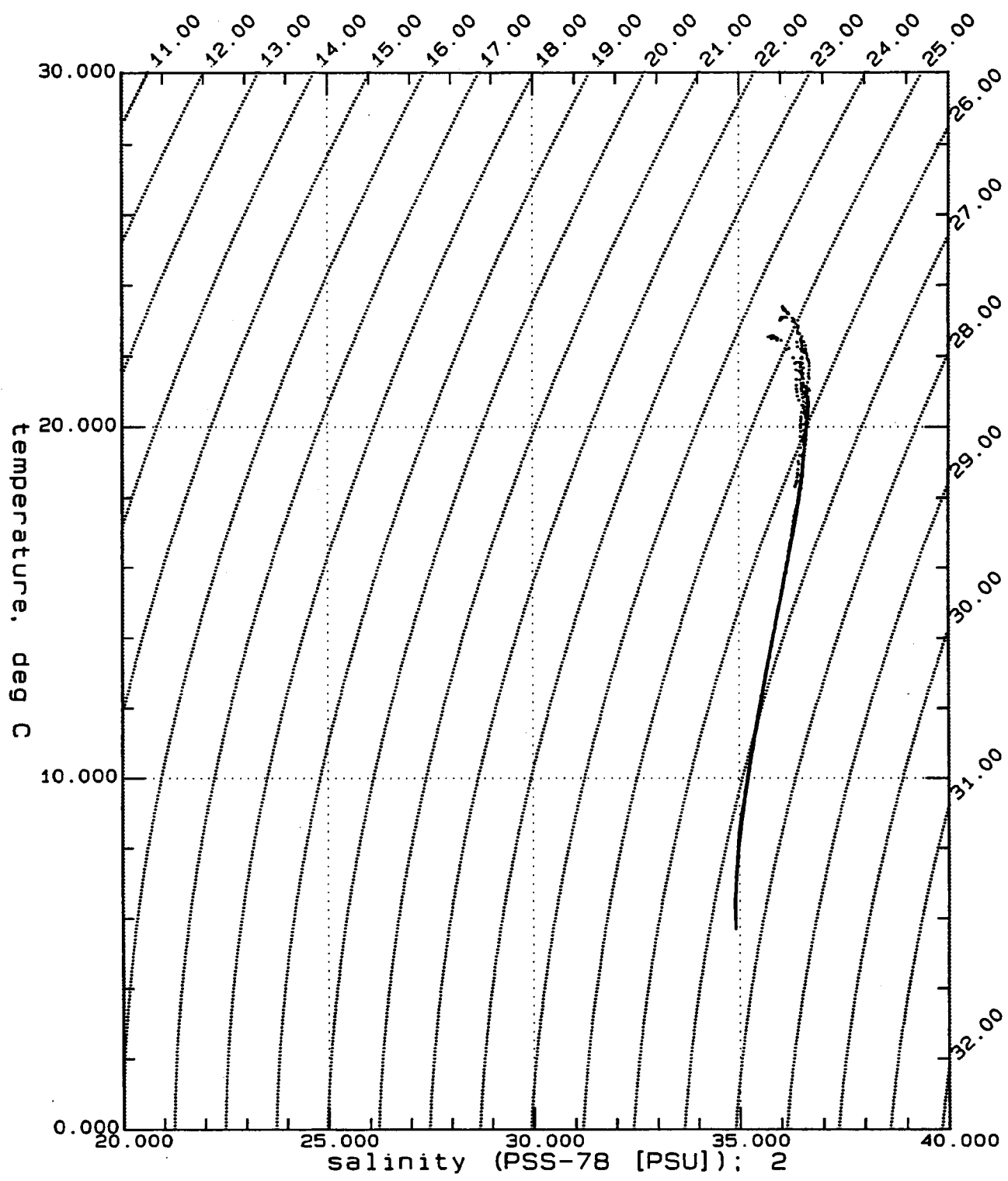
Gulfcet Cruise 07 - Lines 07 and 08



Gulfcet Cruise 07 - Lines 09 and 10



Gulfcet Cruise 07 - Lines 11 and 12



Gulfcet Cruise 07 - Lines 13 and 14
1001

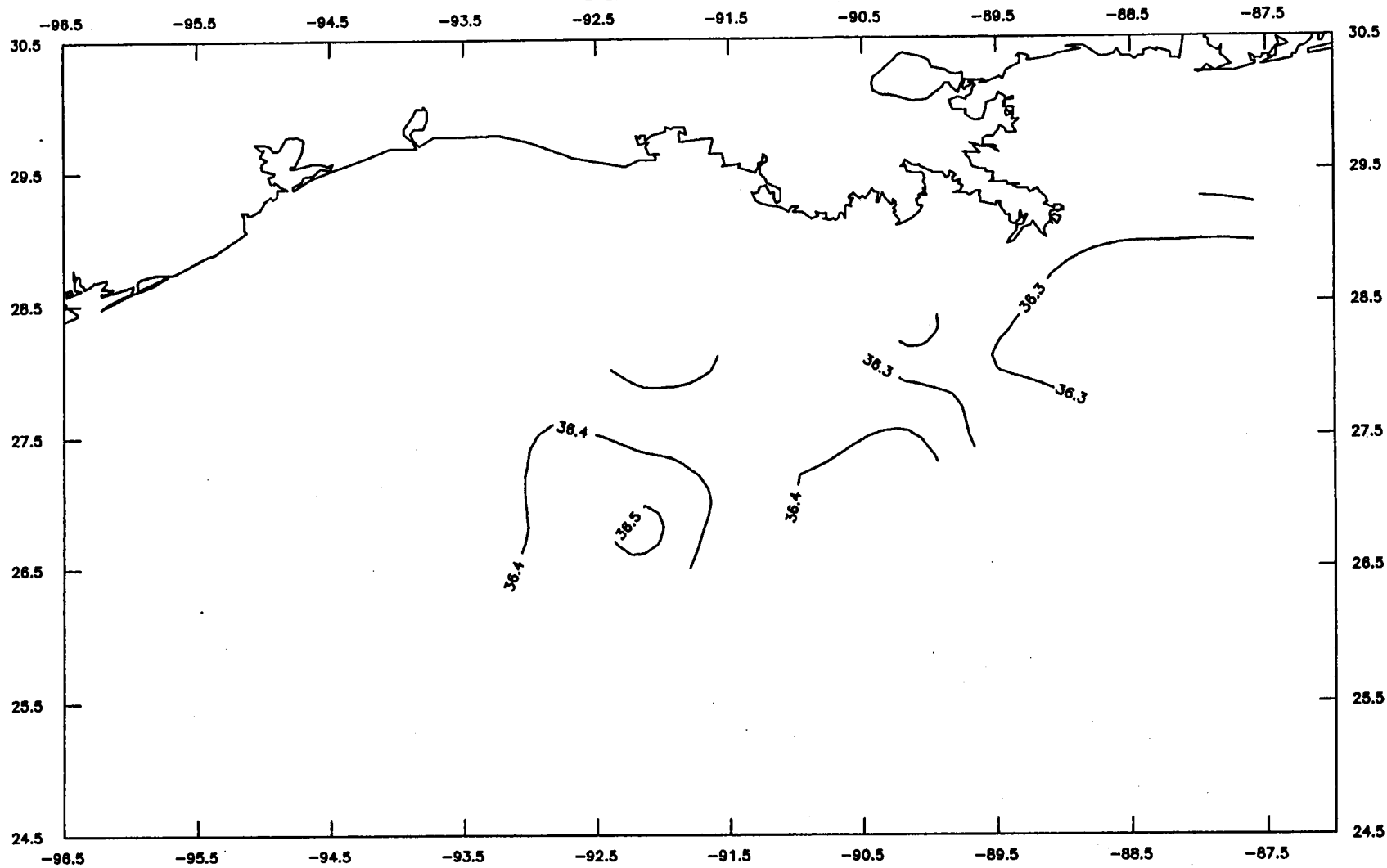
8.7 Salinity Data and Fresh Water Fraction

Data Summary Tables

Station	Depth (m)	Bottle Salinity	Probe Salinity	Difference Bottle-CTD	Station	Depth (m)	Bottle Salinity	Probe Salinity	Difference Bottle-CTD
05-050	796	34.9597	34.8865	0.0732	11-106	2	30.2197	29.8262	0.3935
05-050	1	36.1424	36.1452	-0.0028	11-106	91	36.3907	36.3968	-0.0061
05-053	806	34.9048	34.8895	0.0153	11-112	807	34.9109	34.8929	0.0180
05-053	3	36.2988	36.2609	0.0379	11-112	1	36.1211	36.1248	-0.0037
06-054	806	34.9087	34.8937	0.0150	11-115	805	34.9118	34.8948	0.0170
06-054	6	36.3697	36.3810	-0.0113	11-115	1	35.6497	35.6436	0.0061
06-055	809	34.9139	34.8989	0.0150	12-116	809	34.9598	34.9028	0.0570
06-055	3	36.3379	36.3438	-0.0059	12-116	1	35.2919	35.2840	0.0079
06-059	789	35.0529	34.8857	0.1672	12-117	11	34.9154	36.1493	-1.2339
06-059	2	36.3559	36.3629	-0.0070	12-117	810	34.9157	34.8979	0.0178
06-064	2	36.3025	36.3095	-0.0070	12-117	2	36.1472	36.1504	-0.0032
06-064	91	36.3850	36.4018	-0.0168	12-119	808	34.9009	34.8846	0.0163
07-065	2	36.2612	36.2654	-0.0042	12-119	1	36.0101	36.0108	-0.0007
07-065	95	36.3990	36.4590	-0.0600	12-119	119	36.5159	36.5185	-0.0026
07-071	748	34.9015	34.8860	0.0155	12-119	74	36.5560	36.5669	-0.0109
07-071	2	36.2450	36.2505	-0.0055	12-125	1	28.5644	31.4026	-2.8382
07-073	813	34.9514	34.8933	0.0581	12-125	88	36.3485	36.3602	-0.0117
07-073	1	36.3244	36.3322	-0.0078	13-126	2	35.8465	35.8413	0.0052
07-075	807	34.9164	34.8922	0.0242	13-126	91	36.3290	36.3366	-0.0076
07-075	2	36.2756	36.2837	-0.0081	13-133	817	34.9013	34.8812	0.0201
08-076	807	34.9047	34.8882	0.0165	13-133	1	36.0642	36.0653	-0.0011
08-076	2	36.2700	36.2770	-0.0070	13-134	809	34.8926	34.8760	0.0166
08-080	811	34.9017	34.8869	0.0148	13-134	1	36.0567	36.0578	-0.0011
08-080	2	36.2872	36.2935	-0.0063	14-135	804	34.8986	34.8817	0.0169
08-086	2	36.2258	36.2335	-0.0077	14-135	2	36.0415	36.0453	-0.0038
08-086	95	36.3673	36.3749	-0.0076	14-136	800	34.9060	34.8838	0.0222
09-087	1	36.3006	36.3098	-0.0092	14-136	120	36.4280	36.4336	-0.0056
09-087	92	36.3476	36.3605	-0.0129	14-136	91	36.0885	36.5866	-0.4981
09-093	810	34.9015	34.8858	0.0157	14-136	76	36.4649	36.4577	0.0072
09-093	2	36.2372	36.2386	-0.0014	14-136	25	36.0167	36.0174	-0.0007
09-096	808	34.9005	34.8806	0.0199	14-136	11	36.0214	36.0177	0.0037
09-096	2	36.3118	36.3169	-0.0051	14-136	2	36.0296	36.0314	-0.0018
10-097	809	34.9024	34.8865	0.0159	14-143	3	35.8438	35.8420	0.0018
10-097	1	36.2421	36.2469	-0.0048	14-143	11	35.8415	35.8367	0.0048
10-100	705	34.9045	34.8869	0.0176	14-143	26	35.8691	35.7917	0.0774
10-100	1	36.2439	36.2427	0.0012	14-143	51	35.8403	35.8422	-0.0019
10-105	1	33.9884	33.9408	0.0476	14-143	73	36.3678	36.6972	-0.3294
10-105	88	36.3758	36.3904	-0.0146					

Salinity (PSU) at Reference Density 25

GulfCet 07

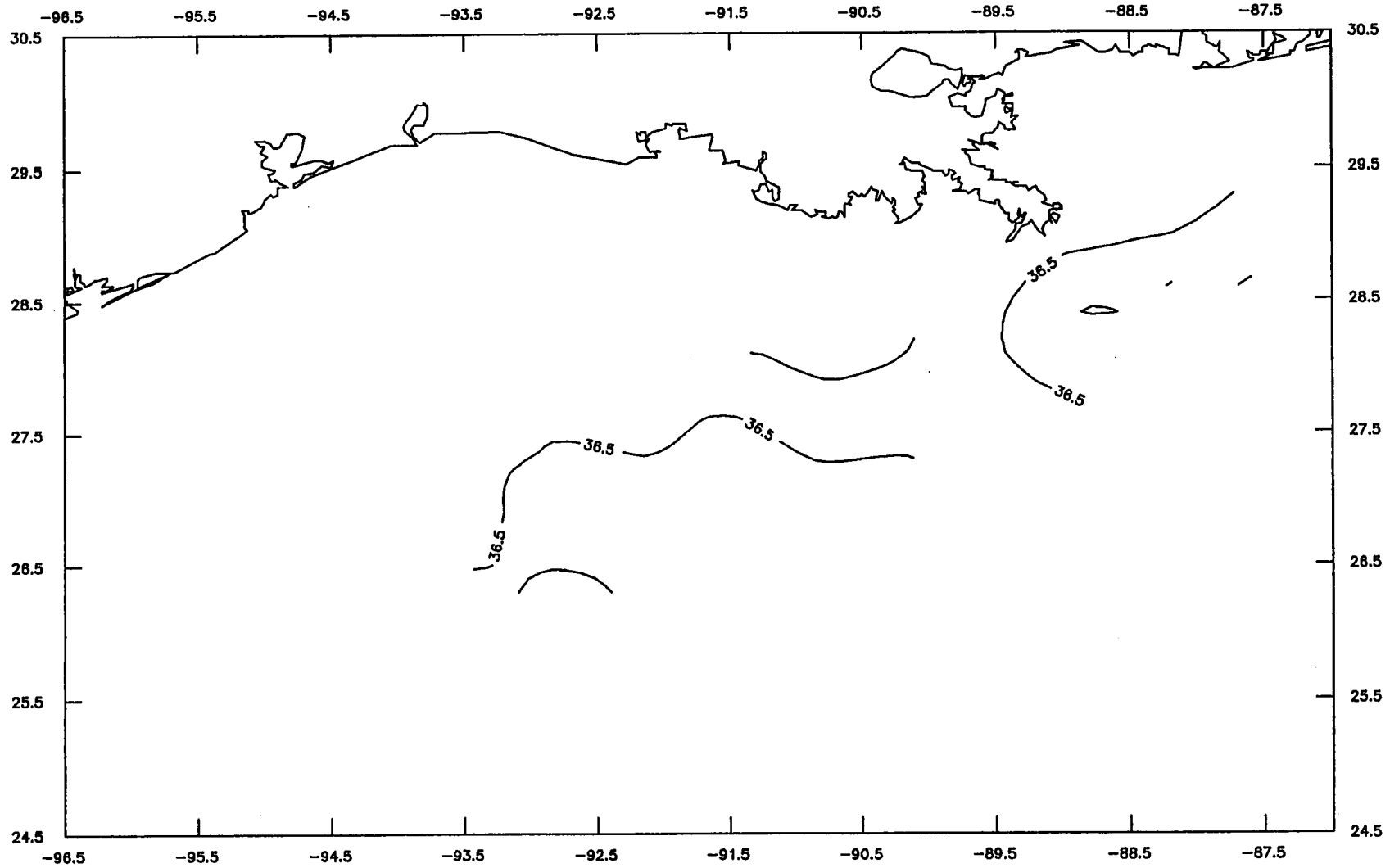


1005

Salinity (PSU) at Reference Density 26

GulfCet 07

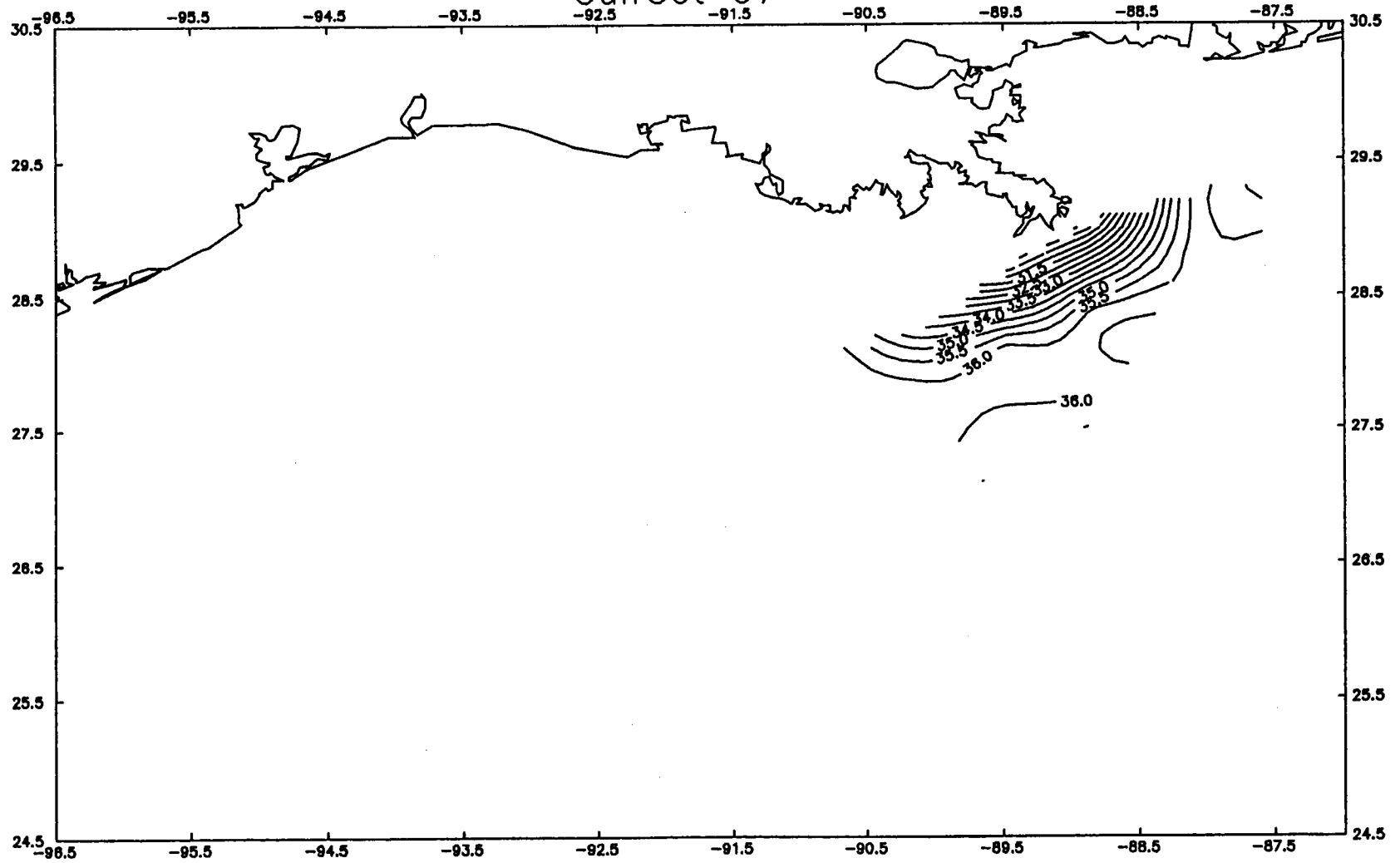
1006



CTD Surface Salinity (PSU)

GulfCet 07

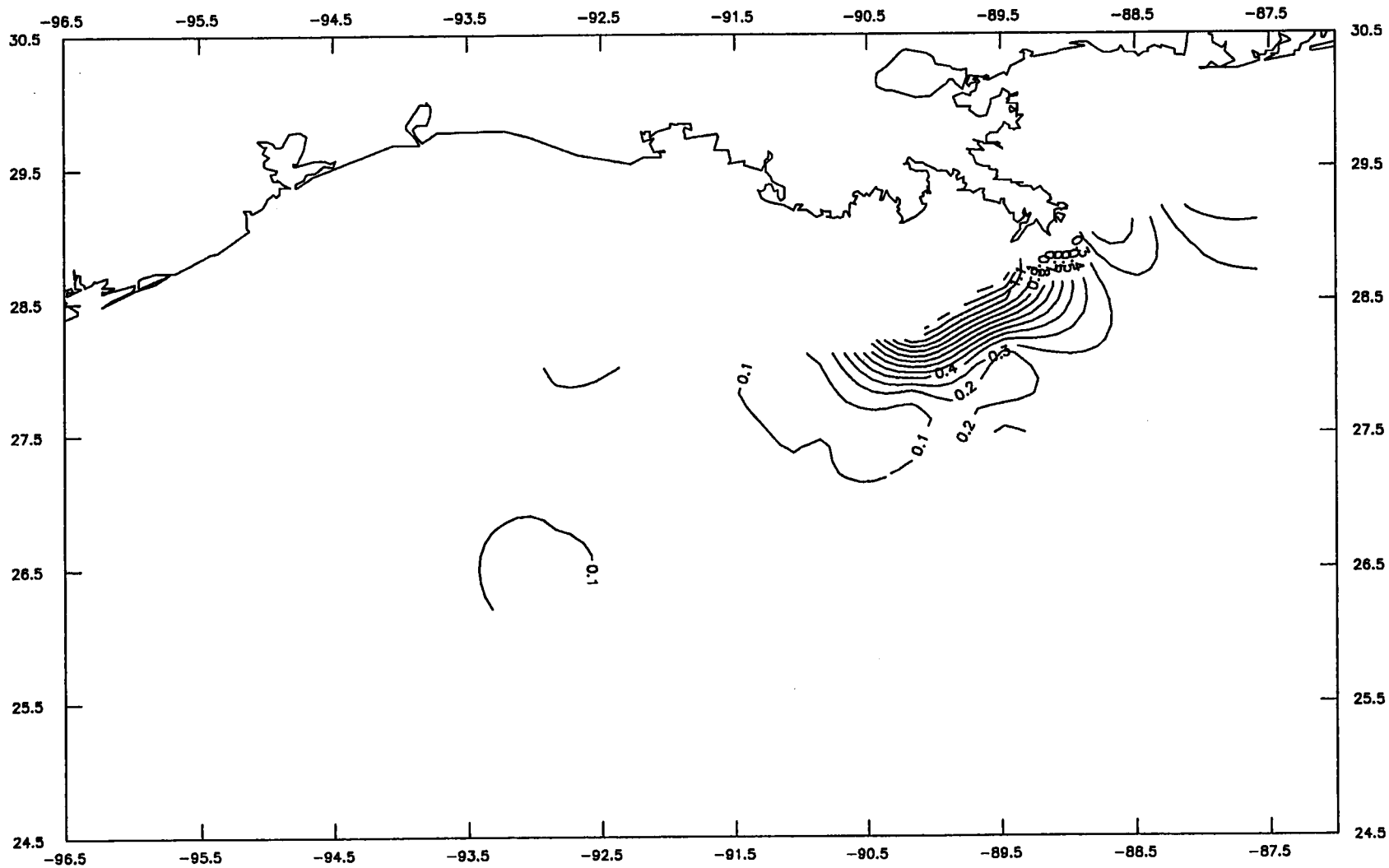
1007



8.8 Chlorophyll Data

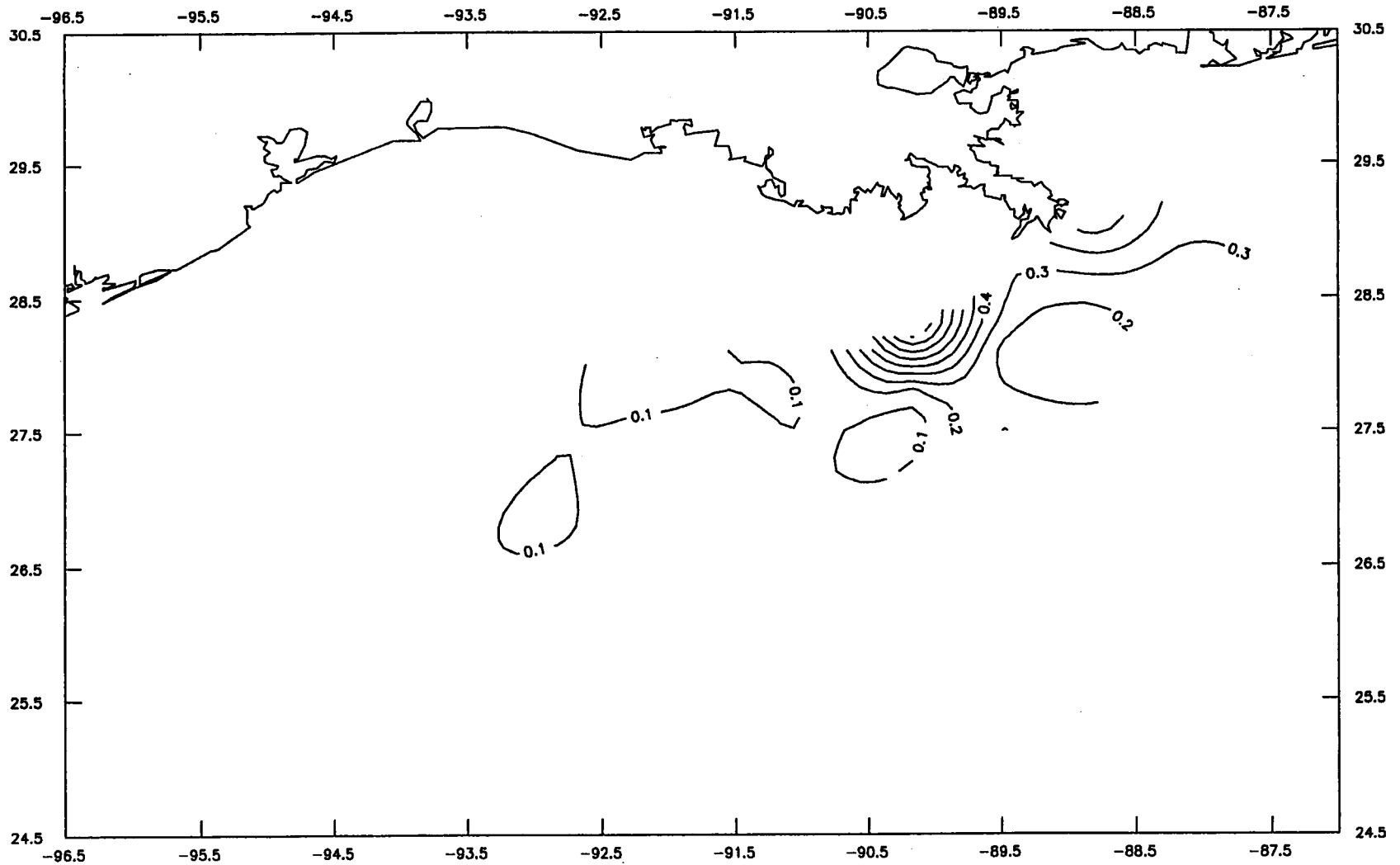
Chlorophyll (mg/m^3) at 0 m
GulfCet 07

1012



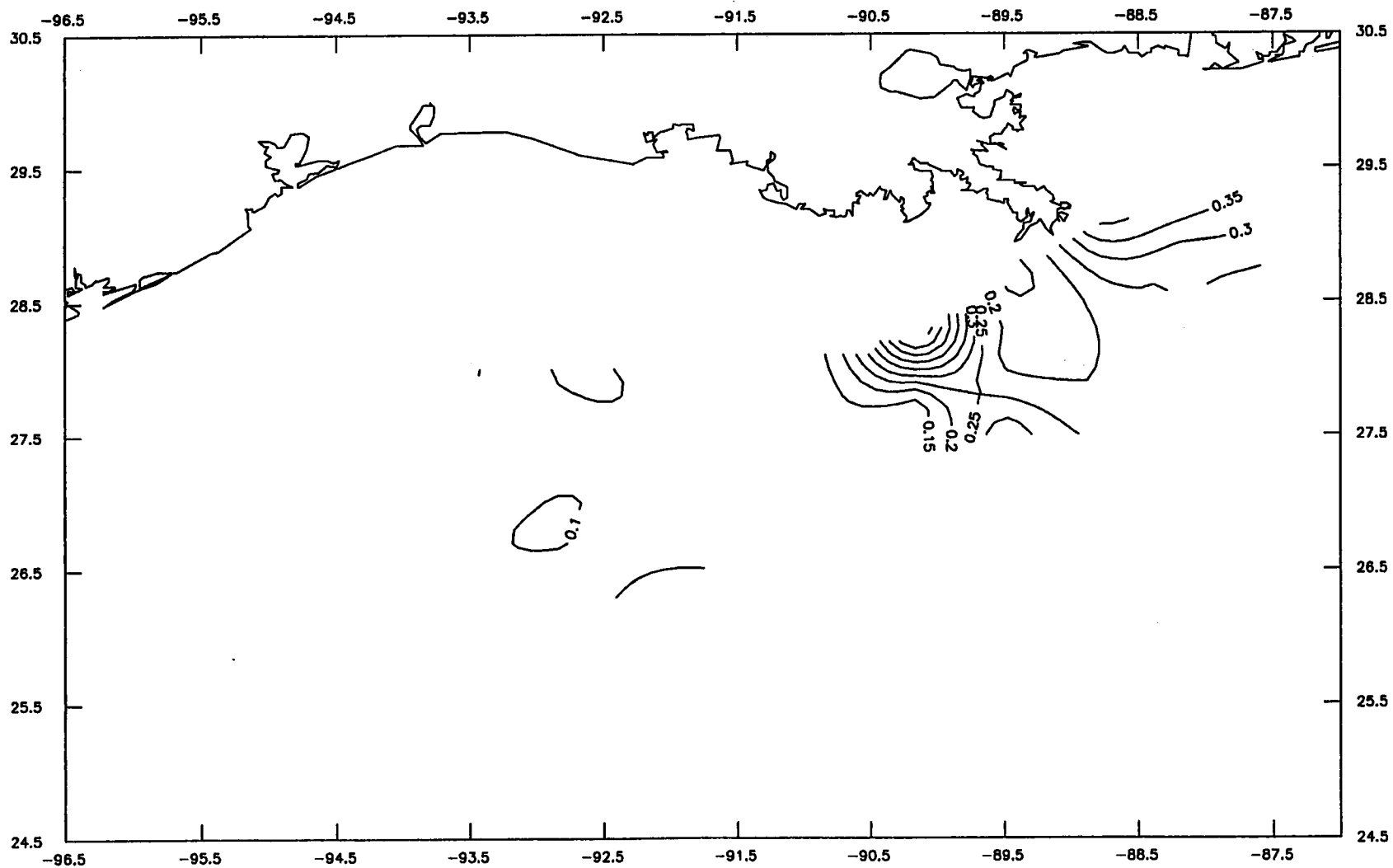
Chlorophyll (mg/m^3) at 10 m
GulfCet 07

1013

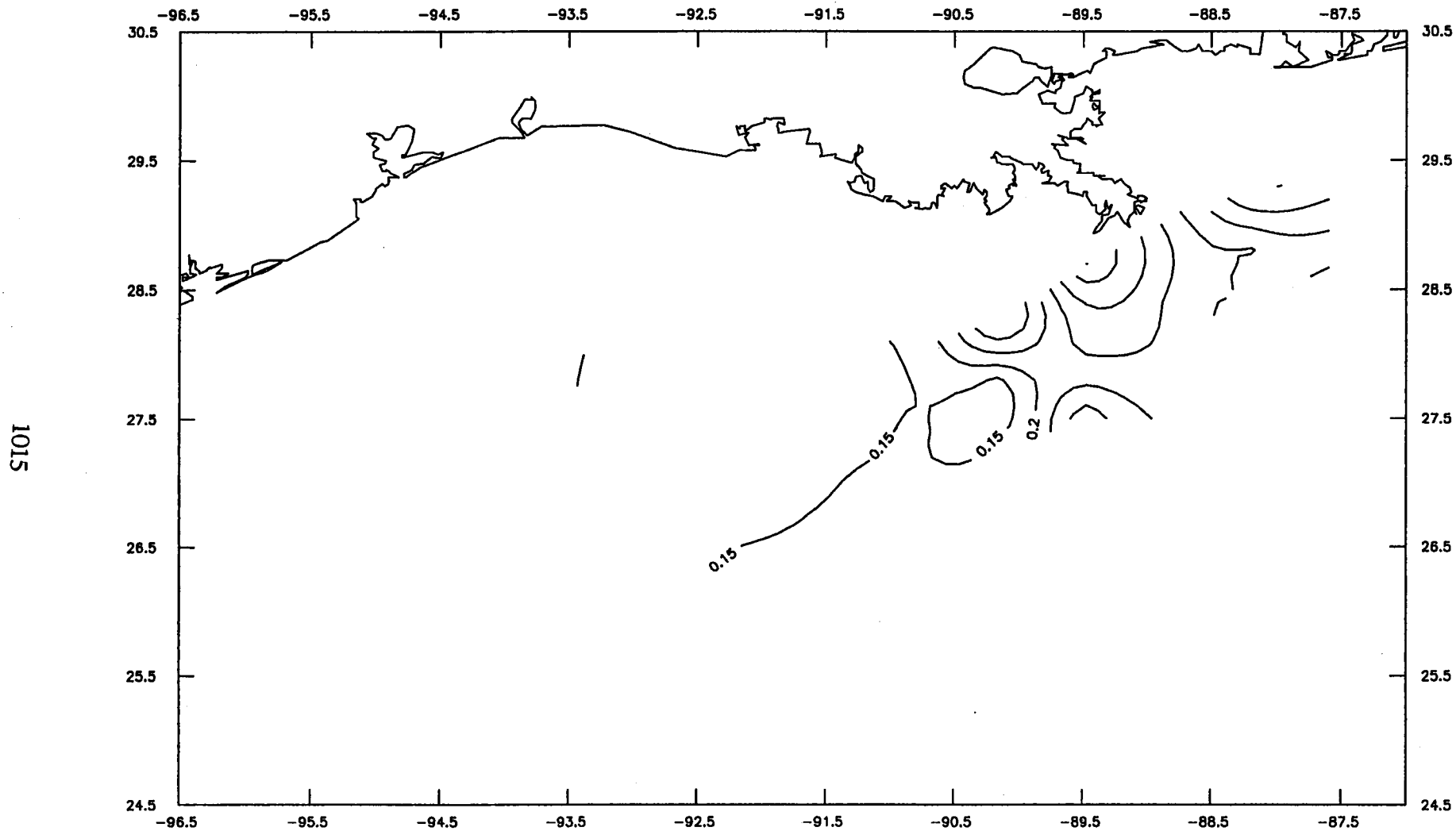


Chlorophyll (mg/m^3) at 20 m
GulfCet 07

1014

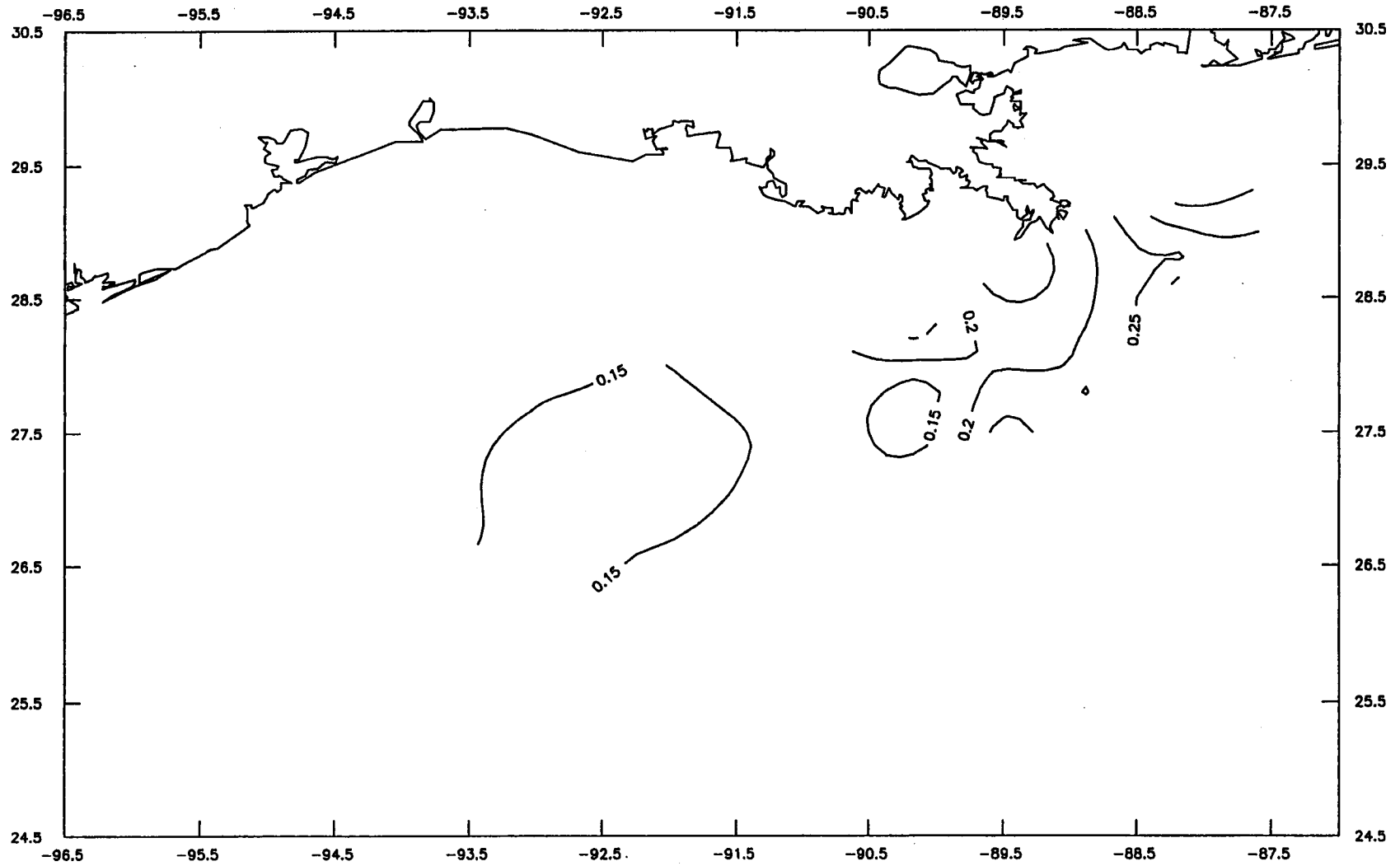


Chlorophyll (mg/m^3) at 30 m
GulfCet 07

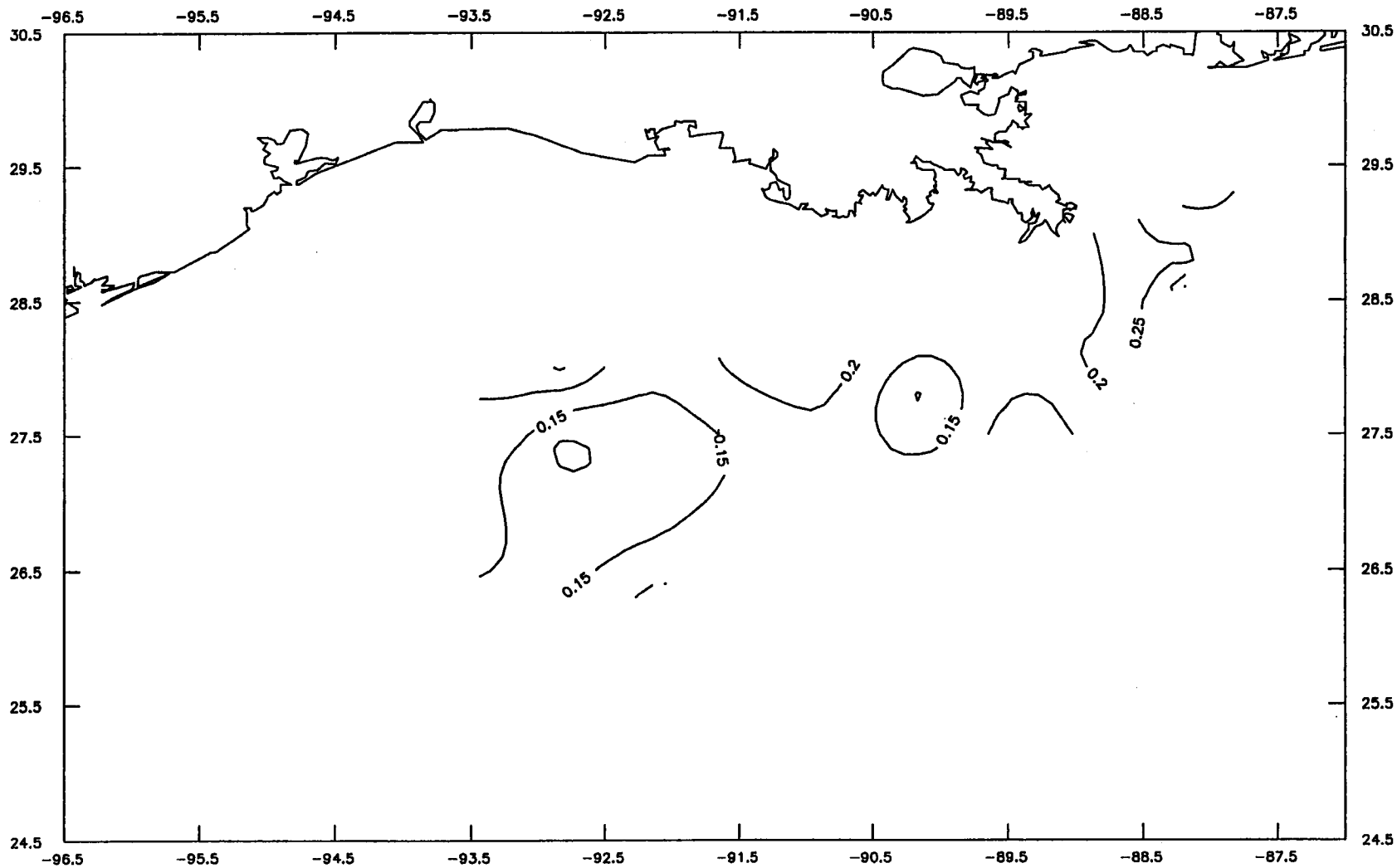


Chlorophyll (mg/m^3) at 40 m
GulfCet 07

1016



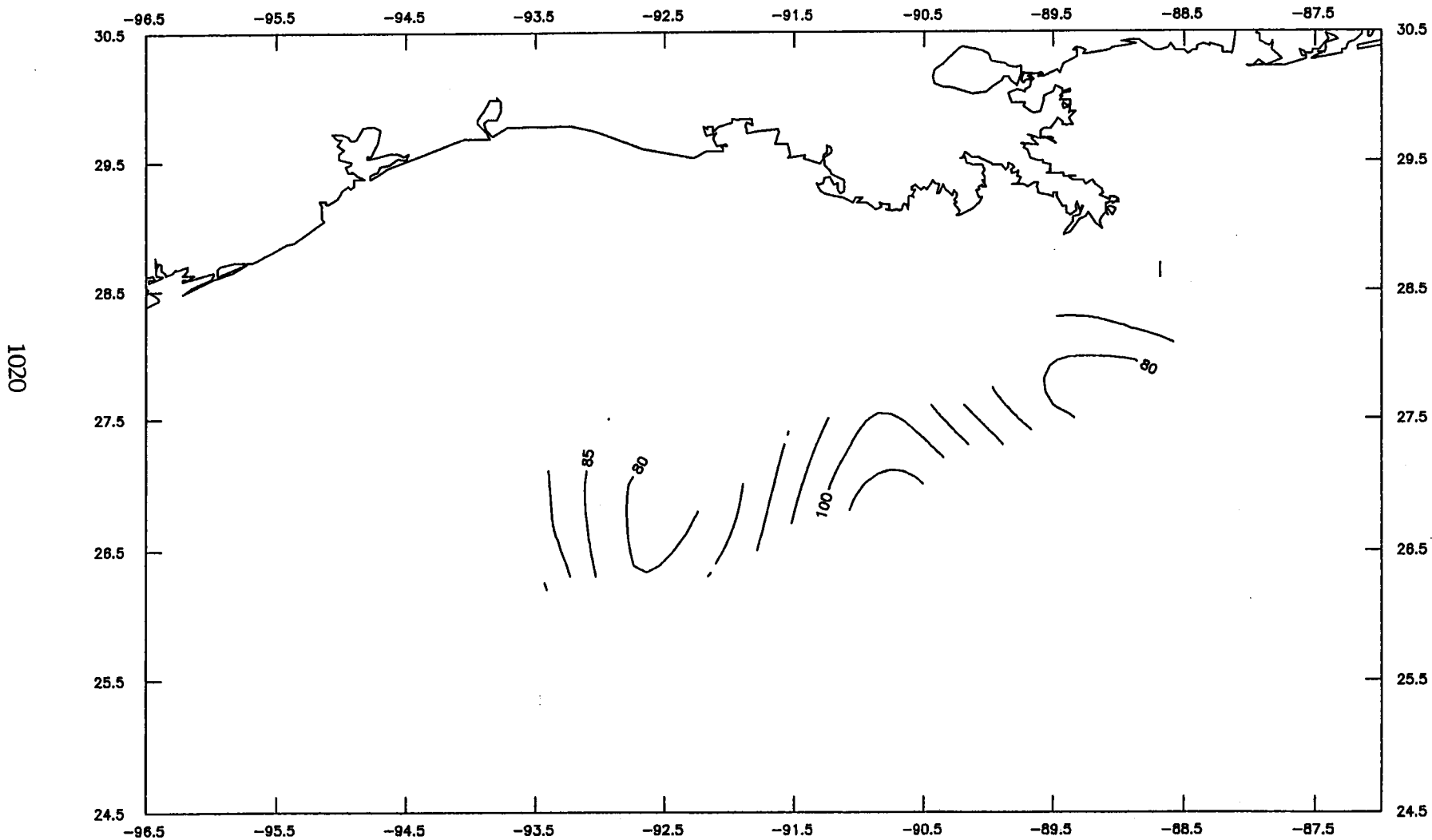
Chlorophyll (mg/m^3) at 50 m
GulfCet 07



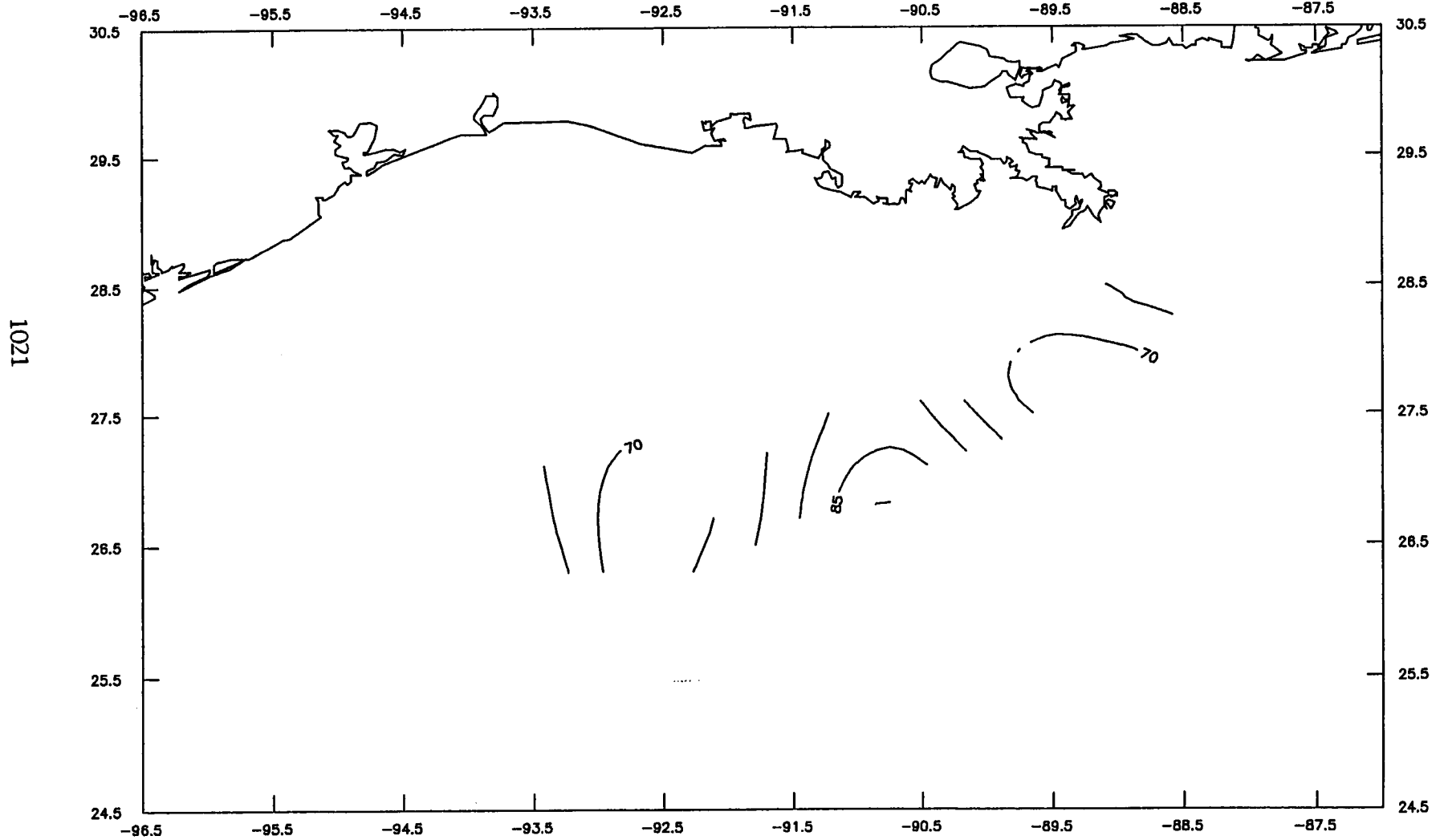
1017

8.9 Dynamic Height Plots

Dynamic Height (dyn. cm) 50m
GulfCet 07

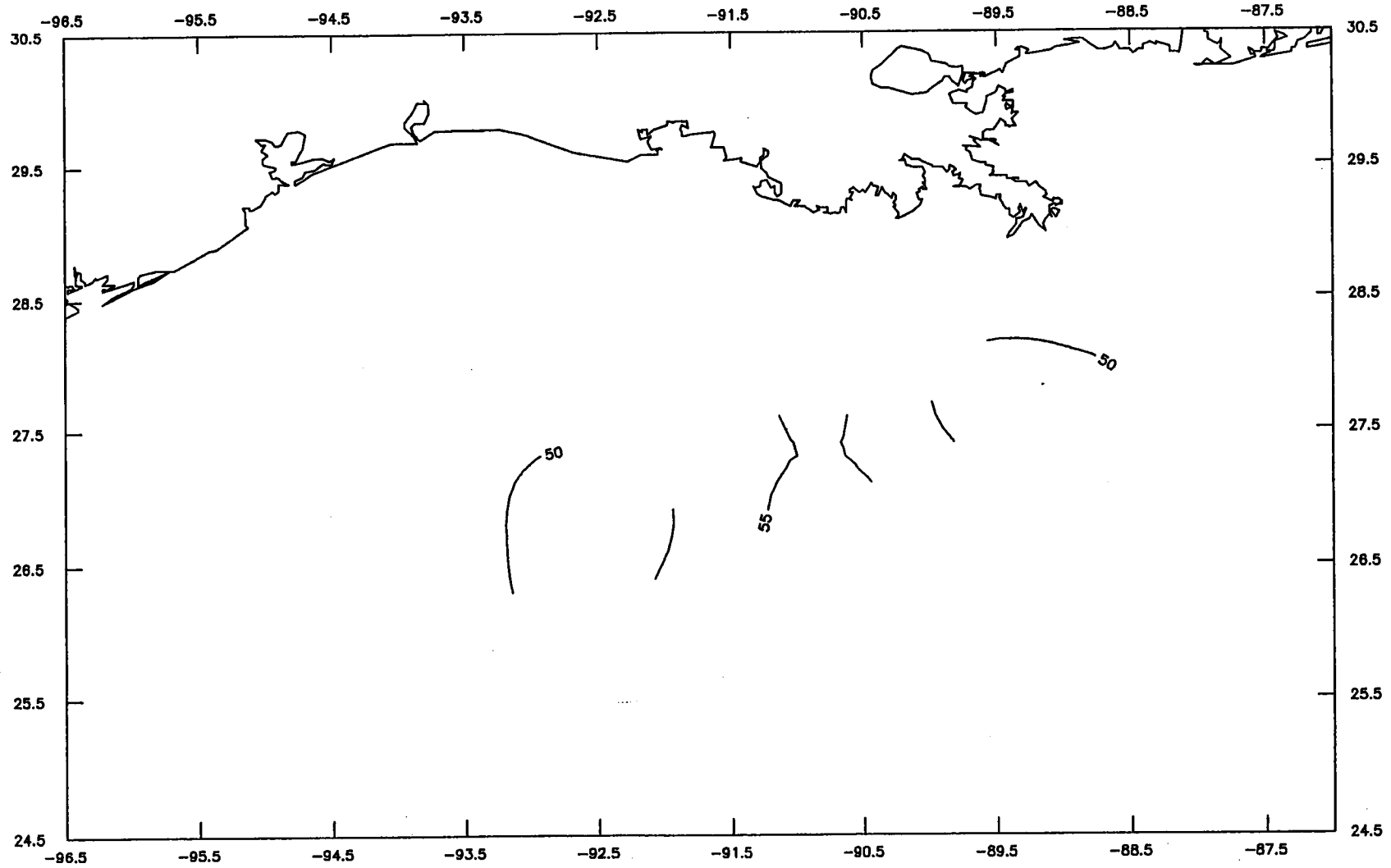


Dynamic Height (dyn. cm) 100m
GulfCet 07

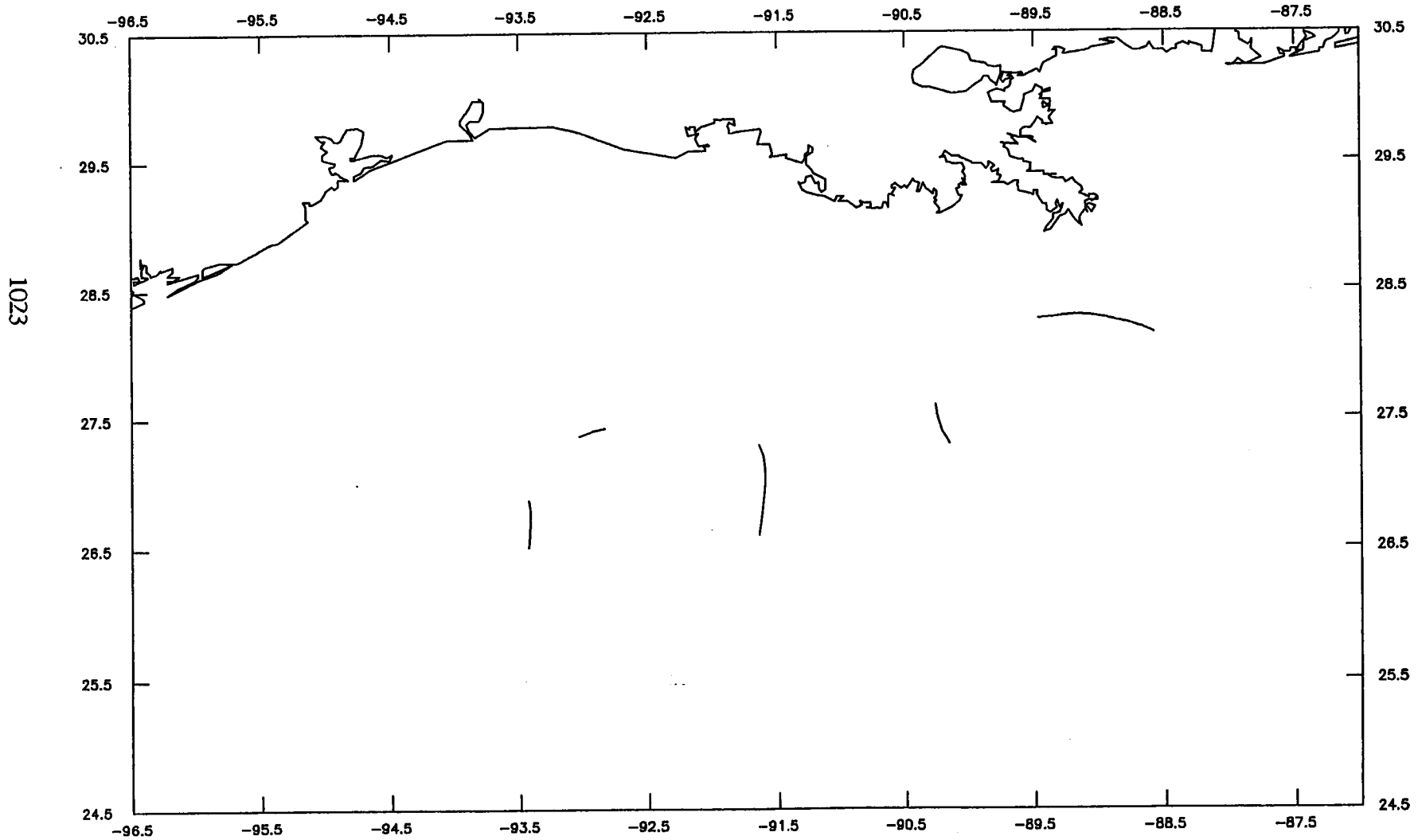


Dynamic Height (dyn. cm) 250m
GulfCet 07

1022



Dynamic Height (dyn. cm) 500m
GulfCet 07



8.10 Wind Speed and Direction Plot

IX. TIO CRUISE 8
(Sperm Whale Focal Cruise)

9.1 Personnel

TIO Cruise 8 Personnel:

Ship's Captain:

Chris Riffe, R/V *Pelican*

Minerals Management Service Observer

Robert Avent

Chief Scientist:

Jeff Norris

TAMU, Research Associate

Scientific Staff:

Ilona Berk

TAMU, Graduate Student

Patricia Brown

Volunteer

Nathalie Clauss

TAMUG, Student

Randall Davis

TAMU, Project Manager

Mike Duncan

TAMU, Graduate Student

Spencer Lynn

TAMU, Graduate Student

Greg Marshall

National Geographic Society

Dwight Peake

Volunteer

Logan Respass

TAMUG, Marine Technician

Troy Sparks

TAMU, Graduate Student

David Weller

TAMU, Graduate Student

Bernd Würsig

TAMU, Project Co-Principal
Investigator

TIO Analytical and Processing Personnel:

Data Processing and Programming:

David Brandon

TAMUG, Computer Programmer

Report Writing and Quality Assurance

Cheryl Schroeder

TAMUG, Research Assistant

David Brandon

TAMUG, Computer Programmer

Spencer Lynn

9.2 Expendable Bathythermograph (XBT) Data

Cruise 8 XBT Stations and Probe Types

XBT Station	Date	Start Time	Latitude (North)	Longitude (West)	Probe Type
01	8/20/94	1413	28° 33.03'	89° 24.55'	T-7
02	8/21/94	0201	28° 39.94'	88° 57.41'	T-7
03	8/21/94	0820	28° 36.02'	88° 55.29'	T-7
04	8/21/94	1119	28° 34.87'	88° 54.73'	T-7
05	8/21/94	1134	28° 35.39'	88° 55.80'	T-10
06	8/21/94	1438	28° 38.05'	88° 51.58'	T-7
07	8/22/94	0746	28° 43.40'	88° 47.91'	T-7
08	8/22/94	0086	28° 44.71'	88° 46.61'	T-7
09	8/22/94	1057	28° 42.95'	88° 53.09'	T-7
10	8/22/94	1556	28° 47.81'	88° 45.64'	T-7
11	8/23/94	0193	28° 47.08'	88° 39.61'	T-7
12	8/23/94	0816	28° 44.28'	88° 39.40'	T-7
13	8/23/94	1051	28° 44.35'	88° 45.16'	T-7
14	8/24/94	1811	28° 43.69'	88° 37.07'	T-7
15	8/24/94	0118	28° 40.83'	88° 50.89'	T-7
16	8/24/94	1421	28° 42.89'	88° 41.38'	T-7
17	8/25/94	1850	28° 43.81'	88° 45.70'	T-7
18	8/25/94	0816	28° 37.49'	88° 44.67'	T-7
19	8/26/94	1725	28° 40.39'	88° 54.55'	T-7
20	8/26/94	0817	28° 42.85'	88° 54.09'	T-7
21	8/26/94	1037	28° 41.10'	88° 54.00'	T-7
22	8/26/94	1453	28° 47.51'	88° 49.75'	T-7
23	8/27/94	0180	28° 45.25'	88° 52.09'	T-7
24	8/27/94	0007	28° 43.6'	88° 55.16'	T-7
25	8/27/94	0943	28° 37.80'	88° 46.25'	T-7
26	8/28/94	1710	28° 33.41'	88° 46.97'	T-7
27	8/28/94	2033	28° 19.85'	88° 48.94'	T-7
28	8/28/94	0851	28° 38.62'	88° 47.50'	T-7
29	8/28/94	0938	28° 38.87'	88° 53.23'	T-7
30	8/29/94	1756	28° 27.83'	88° 57.95'	T-7

XBT Data

Cruise: GULFCET 08
Latitude: 28° 23.00' N

Station: 01
Longitude: 89° 24.00' W

Probe Type: T-7
Date: 20-Aug-94 **Time:** 1413

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.22	310.00	9.80	620.00	4.89
10.00	24.83	320.00	9.70	630.00	4.79
20.00	24.00	330.00	9.48	640.00	4.72
30.00	23.21	340.00	9.28	650.00	4.58
40.00	22.24	350.00	9.05	660.00	4.47
50.00	20.95	360.00	8.87	670.00	4.36
60.00	19.71	370.00	8.76	680.00	4.43
70.00	18.51	380.00	8.56	690.00	4.44
80.00	18.10	390.00	8.34	700.00	4.44
90.00	17.39	400.00	8.16	710.00	4.44
100.00	16.85	410.00	7.97	720.00	4.45
110.00	16.14	420.00	7.77	730.00	4.45
120.00	15.59	430.00	7.60	740.00	4.45
130.00	15.31	440.00	7.45	750.00	4.45
140.00	14.85	450.00	7.26	760.00	4.45
150.00	14.49	460.00	7.07	770.00	4.46
160.00	13.97	470.00	6.87	780.00	4.46
170.00	13.65	480.00	6.63	790.00	4.46
180.00	13.40	490.00	6.55	800.00	4.47
190.00	13.15	500.00	6.30	810.00	4.47
200.00	12.73	510.00	6.11	820.00	4.48
210.00	12.49	520.00	5.94		
220.00	12.22	530.00	5.77		
230.00	11.87	540.00	5.62		
240.00	11.58	550.00	5.51		
250.00	11.24	560.00	5.39		
260.00	10.99	570.00	5.30		
270.00	10.75	580.00	5.25		
280.00	10.57	590.00	5.18		
290.00	10.28	600.00	5.08		
300.00	10.03	610.00	4.97		

Cruise: GULFCET 08
Latitude: 28° 39.00' N

Station: 02
Longitude: 88° 57.00' W

Probe Type: T-7
Date: 21-Aug-94 **Time:** 201

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.07	310.00	11.65	620.00	6.48
10.00	28.93	320.00	11.42	630.00	6.42
20.00	28.23	330.00	11.23	640.00	6.34
30.00	26.80	340.00	11.04	650.00	6.15
40.00	25.11	350.00	10.88	660.00	6.08
50.00	24.25	360.00	10.62	670.00	5.98
60.00	22.72	370.00	10.48	680.00	5.90
70.00	21.65	380.00	10.32	690.00	5.87
80.00	20.56	390.00	10.09	700.00	5.77
90.00	19.86	400.00	9.87	710.00	5.71
100.00	18.78	410.00	9.70	720.00	5.66
110.00	18.45	420.00	9.59	730.00	5.62
120.00	17.59	430.00	9.47	740.00	5.59
130.00	17.35	440.00	9.28	750.00	5.55
140.00	16.91	450.00	8.97	760.00	5.54
150.00	16.41	460.00	8.85	770.00	5.54
160.00	16.10	470.00	8.73	780.00	5.50
170.00	15.46	480.00	8.56	790.00	5.48
180.00	14.97	490.00	8.38	800.00	5.44
190.00	14.65	500.00	8.24	810.00	5.44
200.00	14.32	510.00	8.04	820.00	5.39
210.00	14.00	520.00	7.77		
220.00	13.76	530.00	7.57		
230.00	13.37	540.00	7.26		
240.00	13.02	550.00	7.07		
250.00	12.78	560.00	6.91		
260.00	12.48	570.00	6.84		
270.00	12.11	580.00	6.77		
280.00	12.02	590.00	6.72		
290.00	11.90	600.00	6.58		
300.00	11.84	610.00	6.53		

Cruise: GULFCET 08
Latitude: 28° 36.00' N

Station: 03
Longitude: 88° 55.00' W

Probe Type: T-7
Date: 21-Aug-94 Time: 820

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	28.07	310.00	11.91	620.00	6.80
10.00	28.04	320.00	11.74	630.00	6.63
20.00	27.17	330.00	11.61	640.00	6.56
30.00	26.42	340.00	11.24	650.00	6.45
40.00	25.98	350.00	11.14	660.00	6.33
50.00	24.87	360.00	10.97	670.00	6.30
60.00	22.21	370.00	10.81	680.00	6.29
70.00	22.16	380.00	10.64	690.00	6.20
80.00	21.39	390.00	10.44	700.00	6.17
90.00	20.44	400.00	10.31	710.00	6.10
100.00	19.52	410.00	10.22	720.00	6.03
110.00	18.91	420.00	10.10	730.00	6.03
120.00	18.37	430.00	9.92	740.00	6.02
130.00	17.84	440.00	9.71	750.00	5.98
140.00	17.26	450.00	9.54	760.00	5.92
150.00	16.80	460.00	9.40	770.00	39.54
160.00	16.33	470.00	9.17	780.00	39.54
170.00	15.92	480.00	8.92	790.00	39.54
180.00	15.42	490.00	8.76	800.00	39.54
190.00	15.08	500.00	8.57	810.00	39.54
200.00	14.70	510.00	8.30	820.00	39.54
210.00	14.47	520.00	8.13		
220.00	13.97	530.00	7.99		
230.00	13.71	540.00	7.86		
240.00	13.51	550.00	7.70		
250.00	13.29	560.00	7.48		
260.00	13.06	570.00	7.42		
270.00	12.80	580.00	7.35		
280.00	12.71	590.00	7.22		
290.00	12.43	600.00	7.04		
300.00	12.10	610.00	6.94		

Cruise: GULFCET 08
Latitude: 28° 34.00' N

Station: 04
Longitude: 88° 54.00' W

Probe Type: T-7
Date: 21-Aug-94 Time: 1119

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	28.36	310.00	11.86	620.00	6.81
10.00	28.06	320.00	11.71	630.00	6.73
20.00	27.00	330.00	11.42	640.00	6.62
30.00	26.58	340.00	11.24	650.00	6.50
40.00	25.73	350.00	11.12	660.00	6.46
50.00	24.43	360.00	10.89	670.00	6.37
60.00	23.33	370.00	10.68	680.00	6.28
70.00	21.25	380.00	10.48	690.00	6.25
80.00	21.40	390.00	10.33	700.00	6.20
90.00	20.32	400.00	10.15	710.00	6.15
100.00	19.53	410.00	10.07	720.00	6.09
110.00	19.03	420.00	9.90	730.00	6.03
120.00	18.34	430.00	9.71	740.00	5.97
130.00	17.56	440.00	9.54	750.00	5.96
140.00	16.85	450.00	9.42	760.00	5.90
150.00	16.53	460.00	9.23	770.00	5.85
160.00	16.35	470.00	9.01	780.00	5.78
170.00	15.88	480.00	8.96	790.00	5.77
180.00	15.42	490.00	8.82	800.00	5.76
190.00	15.10	500.00	8.67	810.00	5.71
200.00	14.74	510.00	8.57	820.00	5.65
210.00	14.50	520.00	8.40		
220.00	14.05	530.00	8.22		
230.00	13.77	540.00	8.02		
240.00	13.48	550.00	7.87		
250.00	13.33	560.00	7.68		
260.00	13.09	570.00	7.51		
270.00	12.79	580.00	7.32		
280.00	12.50	590.00	7.16		
290.00	12.31	600.00	7.09		
300.00	12.14	610.00	6.93		

Cruise: GULFCET 08
Latitude: 28° 35.00' N

Station: 05
Longitude: 88° 55.00' W

Probe Type: T-10
Date: 21-Aug-94 Time: 1134

Depth (m)	Temp. (°C)				
0.00	28.25	70.00	21.92	160.00	16.42
10.00	28.10	80.00	21.39	170.00	16.06
20.00	27.36	90.00	19.93	180.00	15.77
30.00	26.58	100.00	20.08	190.00	15.45
40.00	26.22	110.00	18.77	200.00	15.09
50.00	24.94	120.00	18.05	210.00	14.83
60.00	22.80	130.00	17.83		
		140.00	17.13		
		150.00	16.81		

Cruise: GULFCET 08
Latitude: 28° 38.00' N

Station: 06
Longitude: 88° 51.00' W

Probe Type: T-7
Date: 21-Aug-94 Time: 1438

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	28.22	310.00	11.68	620.00	6.82
10.00	27.98	320.00	11.46	630.00	6.72
20.00	27.62	330.00	11.22	640.00	6.61
30.00	26.66	340.00	11.02	650.00	6.50
40.00	25.45	350.00	10.85	660.00	6.45
50.00	23.63	360.00	10.65	670.00	6.42
60.00	22.52	370.00	10.57	680.00	6.36
70.00	21.57	380.00	10.37	690.00	6.32
80.00	20.76	390.00	10.22	700.00	6.23
90.00	19.75	400.00	10.09	710.00	6.20
100.00	19.03	410.00	9.87	720.00	6.16
110.00	18.34	420.00	9.73	730.00	6.10
120.00	17.97	430.00	9.52	740.00	6.05
130.00	17.63	440.00	9.33	750.00	5.99
140.00	16.81	450.00	9.23	760.00	32.53
150.00	16.44	460.00	9.14	770.00	34.97
160.00	16.09	470.00	8.91	780.00	36.01
170.00	15.65	480.00	8.76	790.00	39.88
180.00	15.28	490.00	8.51	800.00	39.88
190.00	14.97	500.00	8.47	810.00	39.88
200.00	14.78	510.00	8.26	820.00	39.88
210.00	14.33	520.00	8.12		
220.00	13.76	530.00	8.01		
230.00	13.57	540.00	7.83		
240.00	13.29	550.00	7.63		
250.00	12.93	560.00	7.48		
260.00	12.65	570.00	7.34		
270.00	12.40	580.00	7.18		
280.00	12.20	590.00	7.04		
290.00	12.04	600.00	6.94		
300.00	11.85	610.00	6.89		

Cruise: GULFCET 08
Latitude: 28° 43.00' N

Station: 07
Longitude: 88° 47.00' W

Probe Type: T-7
Date: 22-Aug-94 Time: 746

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	28.22	310.00	11.71	620.00	6.84
10.00	29.03	320.00	11.39	630.00	6.79
20.00	27.91	330.00	11.17	640.00	6.72
30.00	26.27	340.00	10.99	650.00	6.65
40.00	25.18	350.00	10.76	660.00	6.63
50.00	23.68	360.00	10.59	670.00	6.52
60.00	22.54	370.00	10.40	680.00	6.43
70.00	20.53	380.00	10.16	690.00	6.37
80.00	19.79	390.00	9.92	700.00	6.27
90.00	19.03	400.00	9.64	710.00	6.21
100.00	18.55	410.00	9.46	720.00	6.14
110.00	18.11	420.00	9.24	730.00	6.12
120.00	17.50	430.00	9.13	740.00	6.04
130.00	17.09	440.00	9.03	750.00	6.00
140.00	16.83	450.00	8.88	760.00	5.95
150.00	16.37	460.00	8.71	770.00	5.89
160.00	15.93	470.00	8.61	780.00	5.78
170.00	15.50	480.00	8.48	790.00	5.74
180.00	15.17	490.00	8.31	800.00	5.68
190.00	14.92	500.00	8.07	810.00	5.62
200.00	14.65	510.00	8.03	820.00	5.55
210.00	14.33	520.00	7.88		
220.00	14.05	530.00	7.83		
230.00	13.59	540.00	7.66		
240.00	13.32	550.00	7.52		
250.00	13.10	560.00	7.41		
260.00	12.79	570.00	7.34		
270.00	12.57	580.00	7.19		
280.00	12.40	590.00	7.10		
290.00	12.08	600.00	7.06		
300.00	11.90	610.00	6.92		

Cruise: GULFCET 08
Latitude: 28° 44.00' N

Station: 08
Longitude: 88° 46.00' W

Probe Type: T-7
Date: 22-Aug-94 Time: 86

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	28.23	310.00	11.51	620.00	7.15
10.00	29.09	320.00	11.30	630.00	7.06
20.00	28.33	330.00	11.10	640.00	6.97
30.00	26.68	340.00	10.98	650.00	6.78
40.00	24.94	350.00	10.82	660.00	6.73
50.00	23.14	360.00	10.60	670.00	6.59
60.00	21.39	370.00	10.40	680.00	6.54
70.00	20.39	380.00	10.07	690.00	6.47
80.00	19.68	390.00	9.84	700.00	6.36
90.00	19.17	400.00	9.65	710.00	9.84
100.00	18.71	410.00	9.51	720.00	39.88
110.00	18.01	420.00	9.40	730.00	39.88
120.00	17.53	430.00	9.22	740.00	39.88
130.00	17.07	440.00	8.94	750.00	39.88
140.00	16.61	450.00	8.76	760.00	39.88
150.00	16.27	460.00	8.62	770.00	39.88
160.00	15.83	470.00	8.48	780.00	39.88
170.00	15.42	480.00	8.38	790.00	39.88
180.00	15.14	490.00	8.28	800.00	39.88
190.00	14.77	500.00	8.16	810.00	39.88
200.00	14.39	510.00	7.97	820.00	39.88
210.00	14.11	520.00	7.74		
220.00	13.78	530.00	7.59		
230.00	13.55	540.00	7.78		
240.00	13.28	550.00	7.61		
250.00	12.94	560.00	7.57		
260.00	12.72	570.00	7.53		
270.00	12.47	580.00	7.46		
280.00	12.22	590.00	7.38		
290.00	11.95	600.00	7.28		
300.00	11.74	610.00	7.22		

Cruise: GULFCET 08
Latitude: 28° 42.00' N

Station: 09
Longitude: 88° 53.00' W

Probe Type: T-7
Date: 22-Aug-94 Time: 1057

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	28.39	310.00	11.54	620.00	6.85
10.00	28.02	320.00	11.28	630.00	6.81
20.00	27.19	330.00	11.03	640.00	6.72
30.00	26.56	340.00	10.88	650.00	6.66
40.00	25.52	350.00	10.65	660.00	6.62
50.00	23.82	360.00	10.44	670.00	6.55
60.00	22.12	370.00	10.27	680.00	6.46
70.00	20.30	380.00	10.20	690.00	6.39
80.00	19.73	390.00	9.88	700.00	6.32
90.00	18.96	400.00	9.77	710.00	6.29
100.00	18.46	410.00	9.76	720.00	6.17
110.00	17.98	420.00	9.68	730.00	6.11
120.00	17.50	430.00	9.51	740.00	6.04
130.00	17.02	440.00	9.26	750.00	6.00
140.00	16.58	450.00	9.17	760.00	5.98
150.00	16.18	460.00	9.09	770.00	5.98
160.00	15.92	470.00	8.90	780.00	5.95
170.00	15.57	480.00	8.75	790.00	5.86
180.00	15.17	490.00	8.63	800.00	5.79
190.00	14.85	500.00	8.47	810.00	5.77
200.00	14.47	510.00	8.26	820.00	5.68
210.00	14.17	520.00	8.11		
220.00	13.92	530.00	7.94		
230.00	13.71	540.00	7.84		
240.00	13.39	550.00	7.70		
250.00	13.15	560.00	7.52		
260.00	12.85	570.00	7.47		
270.00	12.60	580.00	7.35		
280.00	12.35	590.00	7.19		
290.00	12.11	600.00	7.13		
300.00	11.81	610.00	6.97		

Cruise: GULFCET 08
Latitude: 28° 47.00' N

Station: 10
Longitude: 88° 45.00' W

Probe Type: T-7
Date: 22-Aug-94 Time: 1556

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	28.52	310.00	11.34	620.00	6.73
10.00	29.25	320.00	11.17	630.00	6.72
20.00	28.36	330.00	10.91	640.00	6.72
30.00	27.40	340.00	10.68	650.00	6.61
40.00	23.77	350.00	10.53	660.00	6.53
50.00	22.13	360.00	10.37	670.00	6.45
60.00	21.57	370.00	10.17	680.00	6.37
70.00	20.49	380.00	10.08	690.00	6.27
80.00	19.67	390.00	9.82	700.00	6.22
90.00	19.26	400.00	9.66	710.00	6.23
100.00	18.53	410.00	9.52	720.00	6.22
110.00	17.88	420.00	9.34	730.00	6.20
120.00	17.42	430.00	9.25	740.00	6.19
130.00	16.90	440.00	9.10	750.00	6.17
140.00	16.45	450.00	8.93	760.00	5.91
150.00	15.97	460.00	8.76	770.00	5.91
160.00	15.46	470.00	8.60	780.00	5.91
170.00	15.08	480.00	8.54	790.00	5.92
180.00	14.82	490.00	8.38	800.00	5.92
190.00	14.57	500.00	8.31	810.00	5.93
200.00	14.26	510.00	8.20	820.00	5.94
210.00	13.83	520.00	8.08		
220.00	13.57	530.00	7.89		
230.00	13.28	540.00	7.80		
240.00	13.05	550.00	7.69		
250.00	12.85	560.00	7.60		
260.00	12.61	570.00	7.49		
270.00	12.40	580.00	7.35		
280.00	12.11	590.00	7.24		
290.00	11.94	600.00	7.03		
300.00	11.52	610.00	6.82		

Cruise: GULFCET 08
Latitude: 28° 47.00' N

Station: 11
Longitude: 88° 39.00' W

Probe Type: T-7
Date: 23-Aug-94 Time: 193

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	28.74	310.00	11.40	620.00	6.88
10.00	29.33	320.00	11.16	630.00	6.76
20.00	29.26	330.00	10.93	640.00	6.70
30.00	25.63	340.00	10.69	650.00	6.63
40.00	23.60	350.00	10.55	660.00	6.51
50.00	22.25	360.00	10.41	670.00	6.43
60.00	21.24	370.00	10.23	680.00	6.33
70.00	20.72	380.00	10.06	690.00	6.29
80.00	19.96	390.00	9.91	700.00	6.20
90.00	19.10	400.00	9.77	710.00	6.13
100.00	18.60	410.00	9.64	720.00	6.11
110.00	18.29	420.00	9.50	730.00	6.02
120.00	17.81	430.00	9.40	740.00	5.94
130.00	17.14	440.00	9.28	750.00	5.88
140.00	16.64	450.00	9.11	760.00	5.87
150.00	16.37	460.00	9.03	770.00	5.82
160.00	16.14	470.00	8.79	780.00	5.77
170.00	15.67	480.00	8.64	790.00	5.73
180.00	15.19	490.00	8.55	800.00	5.69
190.00	14.89	500.00	8.35	810.00	5.66
200.00	14.55	510.00	8.23	820.00	5.60
210.00	14.21	520.00	8.11		
220.00	14.01	530.00	7.92		
230.00	13.69	540.00	7.77		
240.00	13.29	550.00	7.64		
250.00	12.94	560.00	7.41		
260.00	12.64	570.00	7.27		
270.00	12.38	580.00	7.17		
280.00	12.17	590.00	7.08		
290.00	11.96	600.00	6.98		
300.00	11.66	610.00	6.94		

Cruise: GULFCET 08
Latitude: 28° 44.00' N

Station: 12
Longitude: 88° 39.00' W

Probe Type: T-7
Date: 23-Aug-94 Time: 816

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	28.59	310.00	11.44	620.00	6.65
10.00	29.19	320.00	11.17	630.00	6.58
20.00	28.75	330.00	10.84	640.00	6.53
30.00	26.88	340.00	10.66	650.00	6.48
40.00	24.96	350.00	10.40	660.00	6.38
50.00	22.37	360.00	10.20	670.00	6.34
60.00	21.73	370.00	10.03	680.00	6.23
70.00	21.15	380.00	9.90	690.00	6.16
80.00	20.12	390.00	9.73	700.00	6.12
90.00	19.54	400.00	9.60	710.00	6.06
100.00	18.84	410.00	9.46	720.00	5.96
110.00	18.29	420.00	9.32	730.00	5.94
120.00	17.72	430.00	9.21	740.00	5.81
130.00	17.21	440.00	9.06	750.00	5.79
140.00	16.89	450.00	8.94	760.00	5.76
150.00	16.33	460.00	8.78	770.00	5.73
160.00	15.88	470.00	8.57	780.00	5.67
170.00	15.31	480.00	8.42	790.00	5.63
180.00	15.13	490.00	8.24	800.00	5.59
190.00	14.74	500.00	8.11	810.00	5.54
200.00	14.49	510.00	7.96	820.00	5.48
210.00	14.07	520.00	7.82		
220.00	13.84	530.00	7.71		
230.00	13.59	540.00	7.60		
240.00	13.34	550.00	7.50		
250.00	12.98	560.00	7.36		
260.00	12.79	570.00	7.24		
270.00	12.57	580.00	7.11		
280.00	12.21	590.00	7.00		
290.00	11.94	600.00	6.86		
300.00	11.72	610.00	6.75		

Cruise: GULFCET 08
Latitude: 28° 44.00' N

Station: 13
Longitude: 88° 45.00' W

Probe Type: T-7
Date: 23-Aug-94 Time: 1051

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	27.95	310.00	11.46	620.00	7.00
10.00	28.12	320.00	11.38	630.00	6.87
20.00	27.65	330.00	11.23	640.00	6.83
30.00	26.30	340.00	10.99	650.00	6.66
40.00	25.39	350.00	10.79	660.00	6.52
50.00	22.39	360.00	10.50	670.00	6.45
60.00	21.09	370.00	10.25	680.00	6.37
70.00	20.21	380.00	10.04	690.00	6.26
80.00	19.65	390.00	9.87	700.00	6.20
90.00	19.23	400.00	9.72	710.00	6.12
100.00	18.77	410.00	9.59	720.00	6.08
110.00	18.16	420.00	9.34	730.00	6.02
120.00	17.38	430.00	9.17	740.00	5.95
130.00	16.75	440.00	9.04	750.00	5.86
140.00	16.43	450.00	8.86	760.00	5.85
150.00	15.89	460.00	8.69	770.00	5.77
160.00	15.73	470.00	8.58	780.00	5.68
170.00	15.34	480.00	8.43	790.00	5.65
180.00	14.98	490.00	8.31	800.00	5.61
190.00	14.75	500.00	8.14	810.00	5.59
200.00	14.49	510.00	8.02	820.00	5.55
210.00	14.17	520.00	7.94		
220.00	13.77	530.00	7.84		
230.00	13.48	540.00	7.71		
240.00	13.24	550.00	7.66		
250.00	12.92	560.00	7.60		
260.00	12.66	570.00	7.48		
270.00	12.45	580.00	7.37		
280.00	12.28	590.00	7.30		
290.00	11.99	600.00	7.25		
300.00	11.71	610.00	7.16		

Cruise: GULFCET 08
Latitude: 28° 43.00' N

Station: 14
Longitude: 88° 37.00' W

Probe Type: T-7
Date: 24-Aug-94 Time: 1811

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.14	310.00	10.89	620.00	6.79
10.00	28.97	320.00	10.71	630.00	6.73
20.00	28.09	330.00	10.46	640.00	6.69
30.00	26.65	340.00	10.35	650.00	6.60
40.00	24.66	350.00	10.19	660.00	6.51
50.00	22.28	360.00	9.98	670.00	6.41
60.00	21.42	370.00	9.82	680.00	6.36
70.00	20.63	380.00	9.69	690.00	6.24
80.00	20.03	390.00	9.55	700.00	6.17
90.00	19.29	400.00	9.43	710.00	6.09
100.00	18.79	410.00	9.28	720.00	6.08
110.00	18.38	420.00	9.15	730.00	6.04
120.00	17.87	430.00	8.96	740.00	5.98
130.00	17.32	440.00	8.79	750.00	5.93
140.00	16.75	450.00	8.70	760.00	5.87
150.00	16.38	460.00	8.59	770.00	5.86
160.00	16.06	470.00	8.48	780.00	5.73
170.00	15.70	480.00	8.35	790.00	5.68
180.00	15.22	490.00	8.16	800.00	5.67
190.00	14.75	500.00	8.09	810.00	5.65
200.00	14.47	510.00	7.83	820.00	5.62
210.00	14.15	520.00	7.76		
220.00	13.73	530.00	7.64		
230.00	13.42	540.00	7.58		
240.00	13.00	550.00	7.40		
250.00	12.67	560.00	7.31		
260.00	12.36	570.00	7.20		
270.00	11.98	580.00	7.15		
280.00	11.70	590.00	7.08		
290.00	11.48	600.00	6.96		
300.00	11.24	610.00	6.89		

Cruise: GULFCET 08
Latitude: 28° 40.00' N

Station: 15
Longitude: 88° 50.00' W

Probe Type: T-7
Date: 24-Aug-94 Time: 118

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	28.38	310.00	11.52	620.00	7.00
10.00	27.78	320.00	11.38	630.00	6.90
20.00	27.13	330.00	11.18	640.00	6.86
30.00	26.54	340.00	10.98	650.00	6.79
40.00	25.36	350.00	10.81	660.00	6.73
50.00	23.54	360.00	10.63	670.00	6.63
60.00	22.52	370.00	10.47	680.00	6.53
70.00	21.50	380.00	10.29	690.00	6.49
80.00	20.22	390.00	10.11	700.00	6.37
90.00	19.50	400.00	9.95	710.00	6.33
100.00	18.50	410.00	9.79	720.00	6.24
110.00	17.84	420.00	9.63	730.00	6.15
120.00	17.42	430.00	9.48	740.00	6.08
130.00	17.11	440.00	9.21	750.00	6.00
140.00	16.69	450.00	9.04	760.00	5.95
150.00	16.11	460.00	8.94	770.00	5.87
160.00	15.75	470.00	8.83	780.00	5.79
170.00	15.51	480.00	8.69	790.00	5.74
180.00	15.08	490.00	8.60	800.00	5.72
190.00	14.82	500.00	8.43	810.00	5.71
200.00	14.54	510.00	8.31	820.00	5.66
210.00	14.20	520.00	8.12		
220.00	13.87	530.00	8.05		
230.00	13.48	540.00	7.92		
240.00	13.11	550.00	7.79		
250.00	12.78	560.00	7.60		
260.00	12.58	570.00	7.45		
270.00	12.40	580.00	7.35		
280.00	12.21	590.00	7.22		
290.00	12.04	600.00	7.16		
300.00	11.76	610.00	7.07		

Cruise: GULFCET 08
Latitude: 28° 42.00' N

Station: 16
Longitude: 88° 41.00' W

Probe Type: T-7
Date: 24-Aug-94 Time: 1421

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	28.73	310.00	11.47	620.00	6.83
10.00	28.27	320.00	11.23	630.00	6.66
20.00	27.25	330.00	10.95	640.00	6.55
30.00	26.73	340.00	10.72	650.00	6.49
40.00	25.60	350.00	10.54	660.00	6.40
50.00	23.25	360.00	10.38	670.00	6.34
60.00	21.53	370.00	10.27	680.00	6.29
70.00	21.00	380.00	10.16	690.00	6.22
80.00	20.10	390.00	10.02	700.00	6.18
90.00	19.24	400.00	9.88	710.00	6.11
100.00	18.78	410.00	9.71	720.00	6.02
110.00	17.93	420.00	9.64	730.00	5.97
120.00	17.37	430.00	9.52	740.00	5.92
130.00	17.00	440.00	9.40	750.00	5.85
140.00	16.69	450.00	9.25	760.00	5.81
150.00	16.25	460.00	9.08	770.00	5.77
160.00	15.85	470.00	8.92	780.00	5.72
170.00	15.36	480.00	8.75	790.00	5.67
180.00	15.11	490.00	8.55	800.00	5.64
190.00	14.83	500.00	8.46	810.00	5.60
200.00	14.53	510.00	8.32	820.00	5.51
210.00	14.09	520.00	8.17		
220.00	13.68	530.00	7.99		
230.00	13.38	540.00	7.85		
240.00	13.09	550.00	7.70		
250.00	12.84	560.00	7.63		
260.00	12.63	570.00	7.57		
270.00	12.44	580.00	7.45		
280.00	12.05	590.00	7.31		
290.00	11.89	600.00	7.18		
300.00	11.76	610.00	6.96		

Cruise: GULFCET 08
Latitude: 28° 43.00' N

Station: 17
Longitude: 88° 45.00' W

Probe Type: T-7
Date: 25-Aug-94 Time: 1850

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	28.91	310.00	11.01	620.00	6.79
10.00	28.10	320.00	10.86	630.00	6.74
20.00	27.28	330.00	10.77	640.00	6.62
30.00	26.70	340.00	10.74	650.00	6.50
40.00	25.18	350.00	10.61	660.00	6.39
50.00	23.31	360.00	10.49	670.00	6.32
60.00	22.07	370.00	10.31	680.00	6.21
70.00	20.53	380.00	10.17	690.00	6.16
80.00	20.05	390.00	9.92	700.00	6.10
90.00	18.96	400.00	9.77	710.00	6.06
100.00	18.42	410.00	9.62	720.00	5.99
110.00	17.71	420.00	9.44	730.00	5.97
120.00	17.09	430.00	9.23	740.00	5.92
130.00	16.50	440.00	9.01	750.00	5.87
140.00	16.25	450.00	8.83	760.00	5.79
150.00	16.04	460.00	8.69	770.00	5.73
160.00	15.75	470.00	8.57	780.00	5.69
170.00	15.29	480.00	8.36	790.00	5.66
180.00	14.82	490.00	8.27	800.00	5.63
190.00	14.44	500.00	8.06	810.00	5.58
200.00	14.20	510.00	7.98	820.00	5.51
210.00	13.95	520.00	7.89		
220.00	13.57	530.00	7.80		
230.00	13.26	540.00	7.64		
240.00	13.02	550.00	7.52		
250.00	12.64	560.00	7.41		
260.00	12.41	570.00	7.24		
270.00	12.18	580.00	7.15		
280.00	11.91	590.00	7.04		
290.00	11.74	600.00	6.98		
300.00	11.36	610.00	6.90		

Cruise: GULFCET 08
Latitude: 28° 37.00' N

Station: 18
Longitude: 88° 44.00' W

Probe Type: T-7
Date: 25-Aug-94 Time: 816

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	28.75	310.00	11.68	620.00	6.88
10.00	28.99	320.00	11.46	630.00	6.83
20.00	28.49	330.00	11.33	640.00	6.76
30.00	26.12	340.00	11.21	650.00	6.63
40.00	24.61	350.00	10.90	660.00	6.52
50.00	23.10	360.00	10.58	670.00	6.42
60.00	22.31	370.00	10.39	680.00	6.34
70.00	21.48	380.00	10.16	690.00	6.24
80.00	20.23	390.00	10.04	700.00	6.16
90.00	19.78	400.00	9.86	710.00	6.08
100.00	18.91	410.00	9.64	720.00	5.98
110.00	18.08	420.00	9.49	730.00	5.94
120.00	17.86	430.00	9.36	740.00	5.87
130.00	17.40	440.00	9.18	750.00	5.84
140.00	16.94	450.00	9.04	760.00	5.79
150.00	16.54	460.00	8.88	770.00	5.72
160.00	16.17	470.00	8.70	780.00	5.68
170.00	15.73	480.00	8.51	790.00	5.65
180.00	15.42	490.00	8.35	800.00	5.58
190.00	14.86	500.00	8.23	810.00	5.52
200.00	14.45	510.00	8.09	820.00	5.47
210.00	14.04	520.00	7.97		
220.00	13.85	530.00	7.83		
230.00	13.64	540.00	7.75		
240.00	13.41	550.00	7.60		
250.00	12.98	560.00	7.48		
260.00	12.67	570.00	7.40		
270.00	12.46	580.00	7.25		
280.00	12.20	590.00	7.14		
290.00	11.93	600.00	7.08		
300.00	11.79	610.00	6.96		

Cruise: GULFCET 08
Latitude: 28° 40.00' N

Station: 19
Longitude: 88° 54.00' W

Probe Type: T-7
Date: 26-Aug-94 Time: 1725

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.05	310.00	11.46	620.00	6.74
10.00	28.76	320.00	11.31	630.00	6.67
20.00	27.18	330.00	11.01	640.00	6.58
30.00	24.93	340.00	10.77	650.00	6.53
40.00	24.32	350.00	10.59	660.00	6.47
50.00	22.93	360.00	10.34	670.00	6.40
60.00	21.80	370.00	10.20	680.00	6.31
70.00	20.90	380.00	10.08	690.00	6.19
80.00	19.88	390.00	9.87	700.00	6.12
90.00	19.60	400.00	9.75	710.00	6.04
100.00	18.66	410.00	9.68	720.00	5.97
110.00	17.99	420.00	9.54	730.00	5.91
120.00	17.33	430.00	9.42	740.00	5.84
130.00	16.65	440.00	9.28	750.00	5.79
140.00	16.17	450.00	9.18	760.00	5.73
150.00	15.51	460.00	9.03	770.00	5.68
160.00	15.26	470.00	8.77	780.00	5.64
170.00	15.04	480.00	8.70	790.00	5.59
180.00	14.78	490.00	8.56	800.00	5.57
190.00	14.47	500.00	8.35	810.00	5.52
200.00	14.07	510.00	8.16	820.00	5.44
210.00	13.72	520.00	7.99		
220.00	13.47	530.00	7.84		
230.00	13.21	540.00	7.69		
240.00	12.97	550.00	7.57		
250.00	12.78	560.00	7.41		
260.00	12.52	570.00	7.31		
270.00	12.27	580.00	7.17		
280.00	12.00	590.00	7.06		
290.00	11.81	600.00	6.96		
300.00	11.71	610.00	6.86		

Cruise: GULFCET 08
Latitude: 28° 42.00' N

Station: 20
Longitude: 88° 54.00' W

Probe Type: T-7
Date: 26-Aug-94 Time: 817

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	28.80	310.00	11.55	620.00	6.75
10.00	28.93	320.00	11.33	630.00	6.70
20.00	27.58	330.00	11.11	640.00	6.62
30.00	25.56	340.00	10.86	650.00	6.50
40.00	24.70	350.00	10.61	660.00	6.42
50.00	23.48	360.00	10.52	670.00	6.31
60.00	22.18	370.00	10.47	680.00	6.26
70.00	21.04	380.00	10.12	690.00	6.19
80.00	20.39	390.00	9.95	700.00	6.13
90.00	19.54	400.00	9.78	710.00	6.10
100.00	18.58	410.00	9.64	720.00	5.97
110.00	17.86	420.00	9.57	730.00	5.90
120.00	17.56	430.00	9.42	740.00	5.79
130.00	16.93	440.00	9.32	750.00	5.72
140.00	16.33	450.00	9.18	760.00	5.66
150.00	15.79	460.00	9.09	770.00	5.56
160.00	15.45	470.00	8.80	780.00	5.52
170.00	15.05	480.00	8.56	790.00	5.45
180.00	14.79	490.00	8.49	800.00	5.42
190.00	14.49	500.00	8.23	810.00	5.41
200.00	14.12	510.00	8.14	820.00	5.36
210.00	13.83	520.00	7.95		
220.00	13.54	530.00	7.77		
230.00	13.31	540.00	7.64		
240.00	12.99	550.00	7.52		
250.00	12.80	560.00	7.39		
260.00	12.50	570.00	7.21		
270.00	12.36	580.00	7.10		
280.00	12.15	590.00	6.97		
290.00	11.94	600.00	6.88		
300.00	11.75	610.00	6.79		

Cruise: GULFCET 08
Latitude: 28° 41.00' N

Station: 21
Longitude: 88° 54.00' W

Probe Type: T-7
Date: 26-Aug-94 Time: 1037

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	28.95	310.00	11.39	620.00	6.77
10.00	28.96	320.00	11.18	630.00	6.69
20.00	28.78	330.00	11.01	640.00	6.60
30.00	26.30	340.00	10.83	650.00	6.55
40.00	24.73	350.00	10.64	660.00	6.44
50.00	23.40	360.00	10.44	670.00	6.32
60.00	22.67	370.00	10.40	680.00	6.24
70.00	20.91	380.00	10.27	690.00	6.17
80.00	20.19	390.00	10.00	700.00	6.07
90.00	19.59	400.00	9.92	710.00	6.01
100.00	18.93	410.00	9.78	720.00	5.94
110.00	18.36	420.00	9.62	730.00	5.84
120.00	17.76	430.00	9.51	740.00	5.78
130.00	16.98	440.00	9.40	750.00	5.71
140.00	16.58	450.00	9.28	760.00	5.67
150.00	16.03	460.00	9.05	770.00	5.60
160.00	15.51	470.00	8.93	780.00	5.58
170.00	15.30	480.00	8.72	790.00	5.54
180.00	15.03	490.00	8.55	800.00	5.49
190.00	14.68	500.00	8.35	810.00	5.47
200.00	14.16	510.00	8.18	820.00	5.42
210.00	13.77	520.00	8.08		
220.00	13.57	530.00	7.86		
230.00	13.43	540.00	7.63		
240.00	13.15	550.00	7.49		
250.00	12.96	560.00	7.39		
260.00	12.77	570.00	7.30		
270.00	12.51	580.00	7.17		
280.00	12.27	590.00	7.05		
290.00	12.03	600.00	6.96		
300.00	11.72	610.00	6.85		

Cruise: GULFCET 08
Latitude: 28° 47.00' N

Station: 22
Longitude: 88° 49.00' W

Probe Type: T-7
Date: 26-Aug-94 Time: 1453

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.09	310.00	11.64	620.00	6.96
10.00	28.14	320.00	11.46	630.00	6.88
20.00	27.83	330.00	11.33	640.00	6.78
30.00	26.99	340.00	11.07	650.00	6.54
40.00	26.23	350.00	10.89	660.00	6.27
50.00	24.44	360.00	10.70	670.00	6.17
60.00	22.66	370.00	10.50	680.00	6.14
70.00	20.44	380.00	10.39	690.00	6.11
80.00	19.85	390.00	10.23	700.00	6.15
90.00	18.96	400.00	10.13	710.00	6.15
100.00	18.57	410.00	9.88	720.00	6.16
110.00	18.15	420.00	9.69	730.00	6.16
120.00	17.25	430.00	9.46	740.00	6.16
130.00	16.74	440.00	9.32	750.00	6.16
140.00	16.37	450.00	9.23	760.00	6.16
150.00	15.89	460.00	9.09	770.00	6.17
160.00	15.41	470.00	8.86	780.00	6.17
170.00	15.11	480.00	8.70	790.00	6.18
180.00	14.84	490.00	8.49	800.00	6.18
190.00	14.48	500.00	8.38	810.00	6.19
200.00	14.33	510.00	8.20	820.00	6.19
210.00	13.99	520.00	8.10		
220.00	13.68	530.00	7.88		
230.00	13.46	540.00	7.76		
240.00	13.20	550.00	7.66		
250.00	12.90	560.00	7.57		
260.00	12.61	570.00	7.45		
270.00	12.46	580.00	7.21		
280.00	12.14	590.00	7.14		
290.00	11.95	600.00	7.13		
300.00	11.88	610.00	6.99		

Cruise: GULFCET 08
Latitude: ° N

Station: 23
Longitude: ° W

Probe Type: T-7
Date: 27-Aug-94 Time: 180

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.16	310.00	11.28	620.00	6.74
10.00	28.74	320.00	11.17	630.00	6.67
20.00	27.11	330.00	11.08	640.00	6.61
30.00	26.32	340.00	10.95	650.00	6.56
40.00	24.98	350.00	10.71	660.00	6.52
50.00	23.44	360.00	10.45	670.00	6.44
60.00	21.61	370.00	10.21	680.00	6.39
70.00	21.32	380.00	9.92	690.00	6.30
80.00	20.53	390.00	9.78	700.00	6.15
90.00	19.32	400.00	9.65	710.00	6.02
100.00	18.25	410.00	9.43	720.00	5.92
110.00	17.70	420.00	9.38	730.00	5.86
120.00	17.36	430.00	9.36	740.00	5.85
130.00	17.11	440.00	9.25	750.00	5.85
140.00	16.16	450.00	9.15	760.00	5.86
150.00	15.52	460.00	9.01	770.00	5.87
160.00	15.13	470.00	8.91	780.00	5.87
170.00	14.79	480.00	8.71	790.00	5.88
180.00	14.62	490.00	8.51	800.00	5.89
190.00	14.39	500.00	8.34	810.00	5.90
200.00	14.12	510.00	8.13	820.00	5.91
210.00	13.75	520.00	8.02		
220.00	13.55	530.00	7.78		
230.00	13.29	540.00	7.69		
240.00	13.13	550.00	7.53		
250.00	12.91	560.00	7.35		
260.00	12.72	570.00	7.24		
270.00	12.38	580.00	7.14		
280.00	12.25	590.00	7.02		
290.00	11.97	600.00	6.93		
300.00	11.69	610.00	6.88		

Cruise: GULFCET 08
Latitude: 28° 43.00' N

Station: 24
Longitude: 88° 55.00' W

Probe Type: T-7
Date: 27-Aug-94 Time: 7

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.02	310.00	11.57	620.00	6.88
10.00	29.10	320.00	11.44	630.00	6.79
20.00	28.51	330.00	11.31	640.00	6.75
30.00	25.58	340.00	11.05	650.00	6.67
40.00	24.65	350.00	10.86	660.00	6.53
50.00	22.87	360.00	10.54	670.00	6.41
60.00	22.14	370.00	10.30	680.00	6.29
70.00	20.91	380.00	10.15	690.00	6.21
80.00	20.32	390.00	10.03	700.00	6.12
90.00	19.71	400.00	9.80	710.00	6.10
100.00	18.65	410.00	9.70	720.00	5.98
110.00	17.95	420.00	9.66	730.00	5.92
120.00	17.54	430.00	9.58	740.00	5.78
130.00	17.29	440.00	9.43	750.00	5.67
140.00	16.61	450.00	9.36	760.00	5.59
150.00	16.01	460.00	9.15	770.00	5.73
160.00	15.60	470.00	9.05	780.00	5.73
170.00	15.37	480.00	8.92	790.00	5.73
180.00	14.97	490.00	8.70	800.00	5.74
190.00	14.56	500.00	8.51	810.00	5.73
200.00	14.20	510.00	8.33	820.00	5.74
210.00	13.89	520.00	8.12		
220.00	13.60	530.00	8.01		
230.00	13.40	540.00	7.85		
240.00	13.16	550.00	7.69		
250.00	12.88	560.00	7.56		
260.00	12.67	570.00	7.40		
270.00	12.53	580.00	7.28		
280.00	12.30	590.00	7.18		
290.00	12.06	600.00	7.09		
300.00	11.82	610.00	6.96		

Cruise: GULFCET 08
Latitude: 28° 37.00' N

Station: 25
Longitude: 88° 46.00' W

Probe Type: T-7
Date: 27-Aug-94 Time: 943

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.02	310.00	11.86	620.00	6.92
10.00	29.17	320.00	11.66	630.00	6.84
20.00	28.80	330.00	11.35	640.00	6.79
30.00	26.84	340.00	11.22	650.00	6.77
40.00	25.08	350.00	10.96	660.00	6.64
50.00	23.27	360.00	10.71	670.00	6.53
60.00	22.14	370.00	10.55	680.00	6.46
70.00	21.18	380.00	10.34	690.00	6.39
80.00	19.94	390.00	10.13	700.00	6.29
90.00	19.15	400.00	10.07	710.00	6.22
100.00	18.62	410.00	9.96	720.00	6.14
110.00	18.17	420.00	9.85	730.00	6.04
120.00	17.63	430.00	9.70	740.00	5.99
130.00	17.10	440.00	9.55	750.00	5.93
140.00	16.73	450.00	9.33	760.00	5.90
150.00	16.30	460.00	9.09	770.00	5.82
160.00	15.95	470.00	8.84	780.00	5.78
170.00	15.44	480.00	8.68	790.00	5.75
180.00	15.14	490.00	8.55	800.00	5.71
190.00	14.85	500.00	8.41	810.00	5.67
200.00	14.60	510.00	8.32	820.00	5.61
210.00	14.26	520.00	8.15		
220.00	13.96	530.00	8.03		
230.00	13.61	540.00	7.87		
240.00	13.36	550.00	7.78		
250.00	13.05	560.00	7.63		
260.00	12.89	570.00	7.48		
270.00	12.63	580.00	7.34		
280.00	12.46	590.00	7.20		
290.00	12.23	600.00	7.09		
300.00	12.07	610.00	7.03		

Cruise: GULFCET 08
Latitude: 28° 33.00' N

Station: 26
Longitude: 88° 46.00' W

Probe Type: T-7
Date: 28-Aug-94 Time: 1710

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.33	310.00	11.62	620.00	6.82
10.00	29.30	320.00	11.43	630.00	6.76
20.00	28.59	330.00	11.31	640.00	6.66
30.00	26.81	340.00	11.03	650.00	6.57
40.00	24.84	350.00	10.77	660.00	6.50
50.00	23.09	360.00	10.65	670.00	6.44
60.00	21.54	370.00	10.57	680.00	6.35
70.00	20.85	380.00	10.38	690.00	6.26
80.00	19.74	390.00	10.14	700.00	6.17
90.00	19.32	400.00	9.98	710.00	6.07
100.00	19.06	410.00	9.73	720.00	6.01
110.00	18.67	420.00	9.50	730.00	5.95
120.00	18.41	430.00	9.49	740.00	5.91
130.00	17.88	440.00	9.38	750.00	5.87
140.00	17.36	450.00	9.24	760.00	5.80
150.00	16.99	460.00	9.05	770.00	5.77
160.00	16.52	470.00	8.67	780.00	5.73
170.00	15.97	480.00	8.57	790.00	5.65
180.00	15.52	490.00	8.33	800.00	5.60
190.00	15.30	500.00	8.26	810.00	5.55
200.00	14.82	510.00	8.19	820.00	5.51
210.00	14.30	520.00	8.05		
220.00	13.83	530.00	7.92		
230.00	13.30	540.00	7.80		
240.00	13.02	550.00	7.62		
250.00	12.58	560.00	7.46		
260.00	12.43	570.00	7.37		
270.00	12.21	580.00	7.28		
280.00	12.03	590.00	7.20		
290.00	11.87	600.00	7.09		
300.00	11.65	610.00	6.93		

Cruise: GULFCET 08
Latitude: 28° 19.00' N

Station: 27
Longitude: 88° 48.00' W

Probe Type: T-7
Date: 28-Aug-94 Time: 2033

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	28.92	310.00	12.56	620.00	6.86
10.00	28.89	320.00	12.39	630.00	6.82
20.00	28.50	330.00	12.20	640.00	6.81
30.00	27.80	340.00	11.89	650.00	6.73
40.00	27.02	350.00	11.69	660.00	6.60
50.00	26.50	360.00	11.44	670.00	6.52
60.00	25.98	370.00	11.13	680.00	6.44
70.00	23.79	380.00	10.93	690.00	6.34
80.00	22.64	390.00	10.84	700.00	6.34
90.00	22.12	400.00	10.68	710.00	6.25
100.00	20.97	410.00	10.50	720.00	6.13
110.00	19.51	420.00	10.15	730.00	6.06
120.00	18.70	430.00	9.76	740.00	6.01
130.00	18.38	440.00	9.57	750.00	5.96
140.00	18.12	450.00	9.34	760.00	5.91
150.00	17.80	460.00	9.25	770.00	5.86
160.00	17.64	470.00	9.07	780.00	5.84
170.00	17.36	480.00	8.93	790.00	5.80
180.00	17.07	490.00	8.71	800.00	5.75
190.00	16.80	500.00	8.51	810.00	5.65
200.00	16.50	510.00	8.52	820.00	39.88
210.00	16.16	520.00	8.43		
220.00	15.76	530.00	8.29		
230.00	15.52	540.00	8.13		
240.00	15.21	550.00	7.98		
250.00	14.67	560.00	7.78		
260.00	14.11	570.00	7.67		
270.00	13.79	580.00	7.52		
280.00	13.63	590.00	7.30		
290.00	13.37	600.00	7.10		
300.00	12.93	610.00	7.01		

Cruise: GULFCET 08
Latitude: 28° 38.00' N

Station: 28
Longitude: 88° 47.00' W

Probe Type: T-7
Date: 28-Aug-94 Time: 851

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.17	310.00	11.43	620.00	6.77
10.00	29.24	320.00	11.25	630.00	6.68
20.00	29.06	330.00	11.17	640.00	6.57
30.00	26.92	340.00	10.89	650.00	6.49
40.00	24.53	350.00	10.68	660.00	6.41
50.00	23.00	360.00	10.38	670.00	6.30
60.00	21.70	370.00	10.25	680.00	6.23
70.00	20.77	380.00	10.05	690.00	6.14
80.00	20.36	390.00	9.96	700.00	6.07
90.00	19.34	400.00	9.83	710.00	6.00
100.00	18.91	410.00	9.67	720.00	5.98
110.00	18.38	420.00	9.44	730.00	5.91
120.00	17.80	430.00	9.26	740.00	5.85
130.00	17.35	440.00	9.20	750.00	5.82
140.00	16.83	450.00	9.10	760.00	5.75
150.00	16.36	460.00	9.04	770.00	5.66
160.00	15.76	470.00	8.93	780.00	5.61
170.00	15.26	480.00	8.66	790.00	5.58
180.00	15.15	490.00	8.47	800.00	5.53
190.00	14.86	500.00	8.37	810.00	5.46
200.00	14.31	510.00	8.25	820.00	5.40
210.00	13.98	520.00	8.02		
220.00	13.72	530.00	7.84		
230.00	13.42	540.00	7.66		
240.00	13.17	550.00	7.52		
250.00	12.84	560.00	7.35		
260.00	12.45	570.00	7.23		
270.00	12.07	580.00	7.18		
280.00	11.94	590.00	7.07		
290.00	11.79	600.00	6.96		
300.00	11.56	610.00	6.86		

Cruise: GULFCET 08
Latitude: 28° 38.00' N

Station: 29
Longitude: 88° 53.00' W

Probe Type: T-7
Date: 28-Aug-94 Time: 938

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.29	310.00	11.31	620.00	6.80
10.00	29.32	320.00	11.08	630.00	6.68
20.00	28.68	330.00	10.89	640.00	6.59
30.00	26.26	340.00	10.71	650.00	6.46
40.00	24.12	350.00	10.55	660.00	6.42
50.00	22.80	360.00	10.42	670.00	6.28
60.00	21.74	370.00	10.29	680.00	6.20
70.00	20.95	380.00	10.12	690.00	6.14
80.00	19.94	390.00	9.93	700.00	6.09
90.00	19.24	400.00	9.71	710.00	6.05
100.00	18.70	410.00	9.55	720.00	6.00
110.00	17.97	420.00	9.40	730.00	39.88
120.00	17.41	430.00	9.28	740.00	39.88
130.00	16.87	440.00	9.19	750.00	39.88
140.00	16.43	450.00	9.09	760.00	39.88
150.00	16.03	460.00	8.95	770.00	39.88
160.00	15.57	470.00	8.76	780.00	39.88
170.00	15.02	480.00	8.64	790.00	39.88
180.00	14.54	490.00	8.50	800.00	39.88
190.00	14.41	500.00	8.35	810.00	39.02
200.00	14.08	510.00	8.14	820.00	38.07
210.00	13.97	520.00	7.97		
220.00	13.61	530.00	7.81		
230.00	13.26	540.00	7.64		
240.00	12.94	550.00	7.51		
250.00	12.68	560.00	7.38		
260.00	12.55	570.00	7.34		
270.00	12.34	580.00	7.20		
280.00	12.17	590.00	7.09		
290.00	12.05	600.00	7.00		
300.00	11.76	610.00	6.88		

Cruise: GULFCET 08
Latitude: 28° 27.00' N

Station: 30
Longitude: 88° 57.00' W

Probe Type: T-7
Date: 29-Aug-94 Time: 1756

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	29.48	310.00	11.48	620.00	6.51
10.00	29.22	320.00	11.35	630.00	6.33
20.00	27.61	330.00	11.04	640.00	6.31
30.00	25.18	340.00	10.84	650.00	6.28
40.00	23.92	350.00	10.64	660.00	6.20
50.00	23.17	360.00	10.34	670.00	6.12
60.00	22.05	370.00	9.90	680.00	6.03
70.00	21.41	380.00	9.79	690.00	5.96
80.00	20.26	390.00	9.49	700.00	5.89
90.00	19.43	400.00	9.29	710.00	5.84
100.00	19.00	410.00	9.20	720.00	5.80
110.00	18.53	420.00	9.09	730.00	5.75
120.00	18.03	430.00	8.96	740.00	5.70
130.00	17.81	440.00	8.73	750.00	5.68
140.00	17.43	450.00	8.64	760.00	5.64
150.00	16.81	460.00	8.52	770.00	5.57
160.00	16.20	470.00	8.43	780.00	5.52
170.00	15.82	480.00	8.31	790.00	5.49
180.00	15.48	490.00	8.20	800.00	5.47
190.00	15.26	500.00	8.09	810.00	5.43
200.00	14.96	510.00	7.84	820.00	5.36
210.00	14.69	520.00	7.68		
220.00	14.32	530.00	7.53		
230.00	14.01	540.00	7.43		
240.00	13.72	550.00	7.30		
250.00	13.37	560.00	7.08		
260.00	13.02	570.00	6.95		
270.00	12.60	580.00	6.84		
280.00	12.32	590.00	6.81		
290.00	12.01	600.00	6.73		
300.00	11.69	610.00	6.58		



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 Royalty Management Program** 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.