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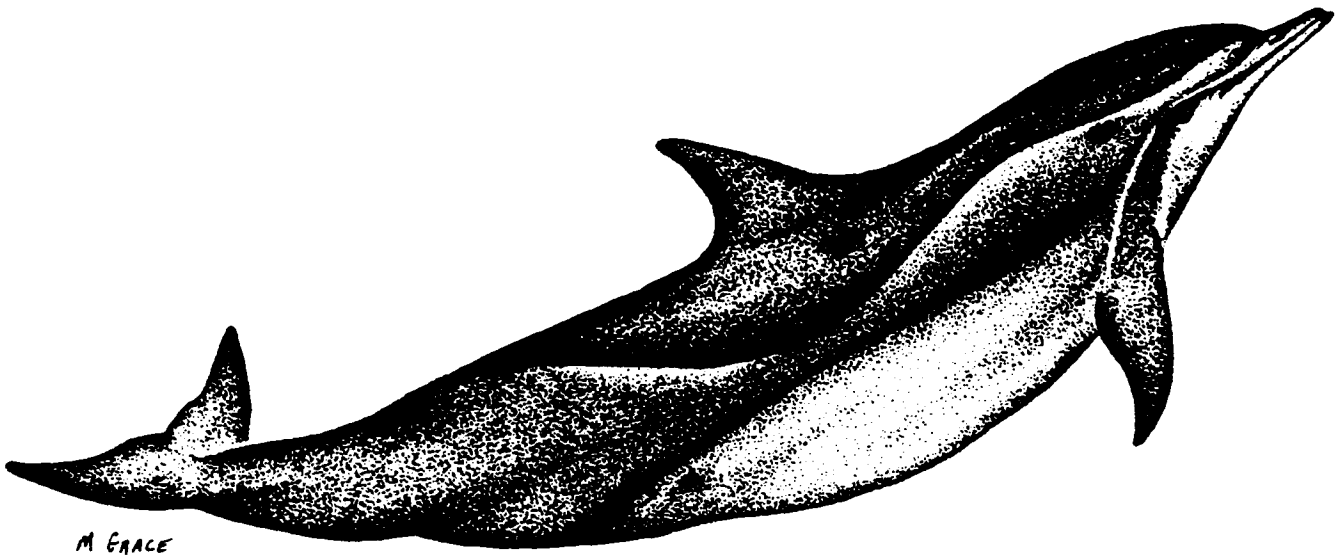
MMS 96-0028

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

Volume III: Appendix C, Part 1 of 2



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

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

Volume III: Appendix C, Part 1 of 2

Editors

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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: Visual	Marine Mammal Surveys: Acoustic	Hydrographic Surveys: CTD	Hydrographic Surveys: XBT	Hydrographic Surveys: Chlorophyll	Hydrographic Surveys: Salinity	Hydrographic Surveys: Nutrients	Remotely sensed SST
Spring 1992										
R/V *Longhorn*	Cruise 1	15 Apr-1 May 1992	✔	✔	✔	✔	✔	✔		✔
NOAA Ship *Oregon II*	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 *Pelican*	Cruise 2	10-24 Aug 1992	✔	✔	✔	✔	✔	✔		✔
Aerial 1		10 Aug-19 Sep 1992	✔							✔
Fall 1992										
Aerial 2		3 Nov-16 Dec 1992	✔							✔
R/V *Pelican*	Cruise 3	8-22 Nov 1992	✔	✔	✔	✔	✔	✔		✔
Winter 1993										
NOAA Ship *Oregon II*	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 *Pelican*	Cruise 4	12-27 Feb 1993	✔	✔	✔	✔	✔	✔		✔
Spring 1993										
Aerial 4		25 Apr-1 Jun 1993	✔							✔
NOAA Ship *Oregon II*	Cruise 204									
	Leg 1	3-17 May 1993	✔		✔	✔	✔	✔		✔
	Leg 2	18 May-2 Jun 1993	✔		✔	✔	✔	✔		✔
	Leg 3	4-15 Jun 1993	✔		✔	✔	✔	✔		✔
R/V *Pelican*	Cruise 5	23 May-5 Jun 1993	✔	✔	✔	✔	✔	✔		✔

Survey Dates and Types of Data Collected

Survey		Dates	Marine Mammal Surveys: Visual	Marine Mammal Surveys: Acoustic	Hydrographic Surveys: CTD	Hydrographic Surveys: XBT	Hydrographic Surveys: Chlorophyll	Hydrographic Surveys: Salinity	Hydrographic Surveys: Nutrients	Remotely sensed SST
Summer 1993										
Aerial 5		1-21 Aug 1993	✔							✔
R/V *Pelican*	Cruise 6	28 Aug-5 Sep 1993	✔	✔	✔	✔	✔	✔	✔	
Fall 1993										
Aerial 6		31 Oct-16 Dec 1993	✔							✔
R/V *Pelican*	Cruise 7	3-14 Dec 1993	✔	✔	✔	✔	✔	✔		✔
Winter 1994										
Aerial 7		31 Jan-15 Mar 1994	✔							✔
Spring 1994										
NOAA Ship *Oregon II*	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 *Pelican*	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 μP	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
PTT	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

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I. INTRODUCTION

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 forcal 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).

1.1 Literature Cited

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II. TIO CRUISE 1

2.1 Personnel

TIO Cruise 01 Personnel:

Ship's Captain:

Donald Gibson, R/V *Longhorn*	

Chief Scientist:

Leg 1: Bernd Würsig	TAMUG, GulfCet PI, Deputy Program Manager, Professor
Leg 2: Randall Davis	TAMUG, GulfCet Program Manager, TAMUG Dept. Head
Leg 3: Jeff Norris	TAMU, Research Associate

Scientific Staff:

Jeff Norris	TAMU, Research Associate
Vic Cockcroft	Visiting Scientist
Wang Ding	Visiting Scientist
Tom Jefferson	TAMU, Graduate Student
Randy Clark	TAMU, Graduate Student
Spencer Lynn	TAMUG, Marine Technician
Anna Forest	TAMU, Graduate Student
Kathleen Dudzinski	TAMU, Graduate Student
Linda May	TAMU, Graduate Student
Claire Graham	Intern
Logan Respess	TAMUG, Marine Technician
Andrew Schiro	TAMUG, Marine Technician
Troy Sparks	TAMU, Graduate Student
Dagmar Fertl	TAMU, Graduate Student

TIO Analytical and Processing Personnel:

Sample Analysis:

Logan Respess	TAMUG, Marine Technician

Data Processing and Programming:

David Brandon	TAMUG, Programmer

Report Writing and Quality Assurance:

Giulietta Fargion	TAMUG, GulfCet PI, Research Associate Specialist
Cheryl Schroeder	TAMUG, Student

2.2 Expendable Bathythermograph (XBT) Data

Cruise 1 XBT Stations and Probe Types

XBT station	Date	Start time	Latitude (north)	Longitude (west)	Probe type
01-003	15 Apr 92	1117	27°24.21'	96°10.60'	T-10
01-004	15 Apr 92	1244	27°15.25'	96°10.55'	T-10
01-005	15 Apr 92	1356	25°08.4'	96°10.5'	T-10
01-008	16 Apr 92		26°07.95'	96°09.93'	T-7
01-009	16 Apr 92	1600	26°04.20'	96°10.20'	T-7
02-011	16 Apr 92	1039	26°07.38'	95°30.05'	T-7
02-012	16 Apr 92	1534	26°41.14'	95°30.09'	T-7
02-014	16 Apr 92	2323	27°23.3'	95°30.4'	T-7
02-016	17 Apr 92	0135	27°28'	95°30.15'	T-7
02-017	17 Apr 92	0305	27°36.54'	95°30.16'	T-7
02-018	17 Apr 92	0359	27°41.39'	95°31.07'	T-10
02-019	17 Apr 92	0406	27°42.08'	95°30.02'	T-10
03-022	17 Apr 92	1153	27°51.5'	94°50.1'	T-10
03-023	17 Apr 92	1216	27°49'	94°50.08'	T-10
03-024	17 Apr 92	1329	27°41.92'	94°49.91'	T-10
03-025	17 Apr 92	1451	27°34'	94°50'	T-7
03-026	17 Apr 92	1622	27°26'	94°50'	T-7
03-027*	17 Apr 92		27°23'	94°50'	T-7
04-032	21 Apr 92	0619	26°36.94'	94°10.04'	T-7
04-034	21 Apr 92	0041	27°06.05'	94°09.85'	T-7
04-035	21 Apr 92	2310	27°15.10'	94°09.79'	T-7
04-037	20 Apr 92	1930	27°29.97'	94°10.03'	T-7
04-038	20 Apr 92	1808	27°38.15'	94°10.01'	T-7
04-039	20 Apr 92	1741	27°41'	94°10.08'	T-7
04-040	20 Apr 92	1709	27°44'	94°10.37'	T-7
04-041	20 Apr 92	1621	27°49.44'	94°10.32'	T-10
05-044	23 Apr 92	0949	27°49.06'	93°29.98'	T-10
05-045	23 Apr 92	1159	27°35'	93°30'	T-7
05-046	23 Apr 92	1218	27°33'	93°30'	T-7
05-048	23 Apr 92	1459	27°21'	93°30'	T-7
05-049	23 Apr 92	1713	27°05.98'	93°29.98'	T-7
05-051	23 Apr 92	2244	26°43'	93°30'	T-7
05-052	24 Apr 92	0045	26°32.01'	93°29.98'	T-7
06-EX1	24 Apr 92	1549	26°41.16'	92°20.8'	T-10
06-056	24 Apr 92	1833	26°52.02'	92°50.03'	T-7
06-057	24 Apr 92	1935	26°58.25'	92°50.06'	T-7
06-058	24 Apr 92	2328	27°19'	92°50'	T-7
06-060	25 Apr 92	0411	27°34.51'	92°49.99'	T-7
06-061	25 Apr 92	0510	27°41.05'	92°50.03'	T-7
06-062	25 Apr 92	0528	27°43.04'	92°50.08'	T-10
06-063	25 Apr 92	0715	27°54.5'	92°50'	T-10
06-064	25 Apr 92	0822	28°20'	92°50'	T-10
07-065	25 Apr 92	1259	28°01.94'	92°09.99'	T-10
07-066	25 Apr 92	1421	27°52.97'	92°09.97'	T-10
07-067	25 Apr 92	1432	27°52.02'	92°10.08'	T-10
07-068	25 Apr 92	1534	27°45'	92°10'	T-7
07-069	25 Apr 92	1649	27°37'	92°10'	T-7
07-070	25 Apr 92	1756	27°29.5'	92°10'	T-7
07-071	25 Apr 92	1832	27°26.50'	92°10'	T-7
07-072	25 Apr 92	2221	27°10.03'	92°10.06'	T-7
07-073	26 Apr 92	0208	26°46'	92°10'	T-7
07-074	26 Apr 92	0356	26°35'	92°10'	T-7
07-075*	26 Apr 92	0702	26°17.02'	92°10.03'	T-7
08-077	26 Apr 92	1741	27°06.42'	91°30'	T-7
08-078	26 Apr 92	1830	27°11'	91°30'	T-7
08-079	26 Apr 92	2023	27°22.99'	91°29.98'	T-7
08-081	26 Apr 92	2159	27°33'	91°30'	T-7
08-082	27 Apr 92	0003	27°45.51'	91°29.99'	T-7
08-083	27 Apr 92	0042	27°49.58'	91°29.97'	T-7
08-084	27 Apr 92	0107	27°52.02'	91°30'	T-7
08-085	27 Apr 92	0116	27°52.99'	91°30.01'	T-10
09-089	27 Apr 92	0958	28°00.03'	90°50.02'	T-7
09-090	27 Apr 92	1110	27°51.95'	90°49.99'	T-7
09-091	27 Apr 92	1208	27°45.68'	90°49.93'	T-7
09-092	27 Apr 92	1304	27°39.51'	90°49.99'	T-7
09-094	27 Apr 92	1715	27°16'	90°50'	T-7
09-095	27 Apr 92		26°47.5'	90°49.9'	T-7
10-097	28 Apr 92	0346	27°09.97'	90°09.97'	T-7
10-098	28 Apr 92	0401	27°11.53'	90°10.12'	T-7
10-099	28 Apr 92	0849	27°39.98'	90°10.05'	T-7
10-101	28 Apr 92	1023	27°50.6'	90°09.93'	T-7
10-102	28 Apr 92	1211	27°02.02'	90°10.04'	T-7
10-103	28 Apr 92	1228	28°04.01'	90°10.03'	T-7
10-104	28 Apr 92	1315	28°09.49'	90°09.99'	T-7
10-105	28 Apr 92	1413	28°16.49'	90°09.91'	T-7
11-106	28 Apr 92	1909	28°45'	89°29.83'	T-7
11-107	28 Apr 92	2033	28°36'	89°30.04'	T-7
11-108	28 Apr 92	2112	28°31.98'	89°30.03'	T-7
11-109	28 Apr 92	2149	28°28'	89°30.07'	T-7
11-110	28 Apr 92	2249	28°21.49'	89°30.06'	T-7
11-111	28 Apr 92	2352	28°15.01'	89°30.02'	T-7
11-112	29 Apr 92	0119	28°06.02'	89°29.98'	T-7
11-113	29 Apr 92	0535	27°37.91'	89°30.05'	T-7
11-114	29 Apr 92	0706	27°27.99'	89°30.01'	T-7
12-116	29 Apr 92	1125	27°26.08'	88°49.99'	T-7
12-117	29 Apr 92	1419	27°46.03'	88°50.03'	T-7
12-120	29 Apr 92	2307	28°43.5'	88°49.93'	T-7
12-122	30 Apr 92	0038	28°53.02'	88°49.99'	T-7
12-125	30 Apr 92	0250	29°06.51'	88°50.01'	T-7
BL-EX2	30 Apr 92	0853	29°03.34'	88°07.06'	T-7
13-126	30 Apr 92	0650	29°16.5'	88°10'	T-7
13-131	30 Apr 92	1038	29°02.37'	88°09.98'	T-7
13-134	30 Apr 92	1424	28°37.04'	88°09.99'	T-7
14-135	30 Apr 92	1805	28°31.06'	87°29.91'	T-7
14-138	01 May 92	0020	29°15'	87°30'	T-7
14-140	01 May 92	0106	29°20'	87°30.2'	T-7
14-143	01 May 92	0204	29°27.03'	87°29.8'	T-7

* denotes a malfunctioned probe.

XBT Data

Cruise: GULFCET 01 **Station:** 01-003 **Probe Type:** T-10
Latitude: 27° 24.21' N **Longitude:** 96° 10.60' W **Date:** 15-Apr-1992 **Time:** 1117

Depth (m)	Temp. (°C)
10.00	22.79
20.00	23.43
30.00	23.23
40.00	23.07
50.00	22.36
60.00	22.21
70.00	19.97
80.00	20.06
90.00	19.63
100.00	19.00
110.00	18.89
120.00	18.78
130.00	18.23
140.00	17.77
150.00	17.33
160.00	16.67
170.00	16.36
180.00	16.20
190.00	15.77
200.00	15.64

Cruise: GULFCET 01 **Station:** 01-004 **Probe Type:** T-10
Latitude: 27° 15.25' N **Longitude:** 96° 10.55' W **Date:** 15-Apr-1992 **Time:** 1244

Depth (m)	Temp. (°C)
10.00	23.27
20.00	23.47
30.00	23.08
40.00	22.66
50.00	22.32
60.00	22.21
70.00	21.82
80.00	19.53
90.00	19.52
100.00	20.08
110.00	19.86
120.00	19.20
130.00	18.56
140.00	18.19
150.00	17.66
160.00	17.12
170.00	16.62
180.00	16.29
190.00	15.93
200.00	15.53

Cruise: GULFCET 01 **Station:** 01-005 **Probe Type:** T-10
Latitude: 25° 08.40' N **Longitude:** 96° 10.50' W **Date:** 15-Apr-1992 **Time:** 1356

Depth (m)	Temp. (°C)
10.00	24.04
20.00	23.41
30.00	23.35
40.00	22.71
50.00	22.67
60.00	22.45
70.00	21.81
80.00	21.41
90.00	20.70
100.00	20.00
110.00	19.29
120.00	18.81
130.00	18.23
140.00	17.82
150.00	17.38
160.00	16.96
170.00	16.64
180.00	16.05
190.00	15.85
200.00	15.54

Cruise: GULFCET 01 **Station:** 01-008 **Probe Type:** T-7
Latitude: 26° 07.95' N **Longitude:** 96° 09.93' W **Date:** 16-Apr-1992 **Time:**

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	24.13	310.00	11.85	610.00	6.75
20.00	24.07	320.00	11.69	620.00	6.68
30.00	23.40	330.00	11.49	630.00	6.67
40.00	22.95	340.00	11.39	640.00	6.66
50.00	22.51	350.00	11.08	650.00	6.66
60.00	22.45	360.00	10.82	660.00	6.59
70.00	22.20	370.00	10.67	670.00	6.53
80.00	20.84	380.00	10.48	680.00	6.52
90.00	20.45	390.00	10.31	690.00	6.46
100.00	20.30	400.00	10.13	700.00	6.39
110.00	20.07	410.00	9.90	710.00	6.33
120.00	19.79	420.00	9.83	720.00	6.28
130.00	19.09	430.00	9.69	730.00	6.13
140.00	18.25	440.00	9.52	740.00	6.02
150.00	17.95	450.00	9.31		
160.00	17.36	460.00	9.23		
170.00	16.91	470.00	9.02		
180.00	16.49	480.00	8.68		
190.00	16.02	490.00	8.59		
200.00	15.47	500.00	8.56		
210.00	14.87	510.00	8.44		
220.00	14.55	520.00	8.25		
230.00	14.06	530.00	8.15		
240.00	13.73	540.00	7.92		
250.00	13.52	550.00	7.76		
260.00	13.37	560.00	7.53		
270.00	13.01	570.00	7.29		
280.00	12.70	580.00	6.99		
290.00	12.42	590.00	6.86		
300.00	12.20	600.00	6.77		

Cruise: GULFCET 01 **Station:** 01-009 **Probe Type:** T-7
Latitude: 26° 04.20' N **Longitude:** 96° 10.20' W **Date:** 16-Apr-1992 **Time:** 1600

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	24.45	310.00	12.08	610.00	6.95
20.00	24.33	320.00	11.75	620.00	6.80
30.00	22.97	330.00	11.31	630.00	6.76
40.00	22.75	340.00	11.22	640.00	6.72
50.00	22.59	350.00	11.08	650.00	6.68
60.00	22.53	360.00	11.02	660.00	6.65
70.00	22.44	370.00	10.73	670.00	6.62
80.00	22.02	380.00	10.74	680.00	6.55
90.00	20.61	390.00	10.56	690.00	6.48
100.00	20.41	400.00	10.34	700.00	6.46
110.00	20.22	410.00	10.30	710.00	6.44
120.00	19.81	420.00	10.24	720.00	6.43
130.00	18.85	430.00	9.70	730.00	6.32
140.00	18.21	440.00	9.56	740.00	6.24
150.00	17.33	450.00	9.51	750.00	5.97
160.00	16.84	460.00	9.43	760.00	5.74
170.00	16.42	470.00	9.37		
180.00	15.70	480.00	9.17		
190.00	15.42	490.00	8.95		
200.00	15.26	500.00	8.71		
210.00	14.69	510.00	8.52		
220.00	14.39	520.00	8.36		
230.00	14.20	530.00	8.31		
240.00	14.10	540.00	8.26		
250.00	13.66	550.00	8.15		
260.00	13.51	560.00	8.11		
270.00	13.27	570.00	7.81		
280.00	12.76	580.00	7.60		
290.00	12.53	590.00	7.40		
300.00	12.40	600.00	7.08		

Cruise: GULFCET 01 **Station:** 02-011 **Probe Type:** T-7
Latitude: 26° 07.38' N **Longitude:** 95° 30.08' W **Date:** 16-Apr-1992 **Time:** 1039

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	24.33	310.00	13.65	610.00	8.76
20.00	23.87	320.00	13.36	620.00	8.66
30.00	23.79	330.00	13.02	630.00	8.60
40.00	23.75	340.00	12.82	640.00	8.45
50.00	23.17	350.00	12.50	650.00	8.35
60.00	23.06	360.00	12.30	660.00	8.22
70.00	22.97	370.00	12.11	670.00	8.10
80.00	22.87	380.00	11.83	680.00	7.92
90.00	22.70	390.00	11.56	690.00	7.68
100.00	22.40	400.00	11.32	700.00	7.53
110.00	22.08	410.00	11.17	710.00	7.45
120.00	21.64	420.00	10.97	720.00	7.37
130.00	20.88	430.00	10.81	730.00	7.28
140.00	20.66	440.00	10.67	740.00	7.18
150.00	20.08	450.00	10.58	750.00	7.04
160.00	19.47	460.00	10.42	760.00	6.94
170.00	19.00	470.00	10.33		
180.00	18.60	480.00	10.22		
190.00	18.00	490.00	10.10		
200.00	17.53	500.00	9.96		
210.00	17.15	510.00	9.83		
220.00	16.82	520.00	9.73		
230.00	16.46	530.00	9.62		
240.00	16.09	540.00	9.54		
250.00	15.64	550.00	9.43		
260.00	15.31	560.00	9.34		
270.00	15.02	570.00	9.23		
280.00	14.58	580.00	9.10		
290.00	14.18	590.00	8.96		
300.00	13.78	600.00	8.83		

Cruise: GULFCET 01 **Station:** 02-012 **Probe Type:** T-7
Latitude: 26° 41.14' N **Longitude:** 95° 30.09' W **Date:** 16-Apr-1992 **Time:** 1534

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	25.01	310.00	12.87	610.00	7.69
20.00	24.89	320.00	12.56	620.00	7.54
30.00	23.99	330.00	12.41	630.00	7.41
40.00	23.14	340.00	12.22	640.00	7.31
50.00	22.80	350.00	11.91	650.00	7.18
60.00	22.60	360.00	11.62	660.00	7.09
70.00	22.55	370.00	11.49	670.00	6.97
80.00	22.52	380.00	11.27	680.00	6.87
90.00	22.28	390.00	11.07	690.00	6.78
100.00	21.74	400.00	10.90	700.00	6.68
110.00	21.03	410.00	10.70	710.00	6.58
120.00	20.84	420.00	10.47	720.00	6.49
130.00	20.10	430.00	10.30	730.00	6.45
140.00	19.53	440.00	10.06	740.00	6.37
150.00	18.83	450.00	9.92	750.00	6.33
160.00	18.14	460.00	9.80	760.00	6.26
170.00	17.45	470.00	9.61		
180.00	16.84	480.00	9.42		
190.00	16.42	490.00	9.25		
200.00	15.98	500.00	9.16		
210.00	15.79	510.00	9.15		
220.00	15.53	520.00	8.99		
230.00	15.35	530.00	8.90		
240.00	14.86	540.00	8.71		
250.00	14.48	550.00	8.62		
260.00	14.20	560.00	8.42		
270.00	13.92	570.00	8.30		
280.00	13.71	580.00	8.17		
290.00	13.45	590.00	8.03		
300.00	13.14	600.00	7.88		

Cruise: GULFCET 01 **Station:** 02-014 **Probe Type:** T-7
Latitude: 27° 23.30' N **Longitude:** 95° 30.40' W **Date:** 16-Apr-1992 **Time:** 2323

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	24.22	310.00	12.16	610.00	7.09
20.00	24.40	320.00	11.93	620.00	6.96
30.00	23.52	330.00	11.70	630.00	6.86
40.00	23.26	340.00	11.41	640.00	6.74
50.00	23.05	350.00	11.18	650.00	6.67
60.00	22.75	360.00	10.98	660.00	6.59
70.00	22.67	370.00	10.73	670.00	6.52
80.00	22.48	380.00	10.55	680.00	6.45
90.00	21.66	390.00	10.31	690.00	6.37
100.00	20.47	400.00	10.07	700.00	6.28
110.00	20.67	410.00	9.93	710.00	6.24
120.00	20.14	420.00	9.77	720.00	6.18
130.00	19.18	430.00	9.63	730.00	6.12
140.00	18.69	440.00	9.47	740.00	6.03
150.00	18.08	450.00	9.29	750.00	5.97
160.00	17.64	460.00	9.18	760.00	5.91
170.00	17.06	470.00	8.94		
180.00	16.52	480.00	8.84		
190.00	16.16	490.00	8.73		
200.00	15.59	500.00	8.50		
210.00	15.22	510.00	8.40		
220.00	14.92	520.00	8.21		
230.00	14.60	530.00	8.10		
240.00	14.32	540.00	7.95		
250.00	13.98	550.00	7.82		
260.00	13.77	560.00	7.72		
270.00	13.61	570.00	7.58		
280.00	13.31	580.00	7.45		
290.00	13.03	590.00	7.31		
300.00	12.64	600.00	7.21		

Cruise: GULFCET 01 **Station:** 02-016 **Probe Type:** T-7
Latitude: 27° 28.00' N **Longitude:** 95° 30.15' W **Date:** 17-Apr-1992 **Time:** 0135

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	24.35	310.00	12.02	610.00	7.16
20.00	24.32	320.00	11.72	620.00	7.04
30.00	23.56	330.00	11.41	630.00	6.97
40.00	23.20	340.00	11.17	640.00	6.83
50.00	22.91	350.00	11.02	650.00	6.65
60.00	22.53	360.00	10.85	660.00	6.51
70.00	22.51	370.00	10.71		
80.00	21.94	380.00	10.53		
90.00	21.07	390.00	10.33		
100.00	20.71	400.00	10.16		
110.00	20.12	410.00	9.99		
120.00	19.60	420.00	9.81		
130.00	18.95	430.00	9.56		
140.00	18.58	440.00	9.30		
150.00	17.91	450.00	9.18		
160.00	17.37	460.00	9.07		
170.00	17.17	470.00	8.95		
180.00	16.72	480.00	8.86		
190.00	16.17	490.00	8.80		
200.00	15.72	500.00	8.60		
210.00	15.27	510.00	8.48		
220.00	14.86	520.00	8.26		
230.00	14.38	530.00	8.12		
240.00	14.05	540.00	8.01		
250.00	13.81	550.00	7.87		
260.00	13.40	560.00	7.69		
270.00	13.09	570.00	7.55		
280.00	12.93	580.00	7.47		
290.00	12.69	590.00	7.39		
300.00	12.37	600.00	7.28		

Cruise: GULFCET 01 **Station:** 02-017 **Probe Type:** T-7
Latitude: 27° 36.54' N **Longitude:** 95° 30.16' W **Date:** 17-Apr-1992 **Time:** 0305

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.20	310.00	12.14
20.00	23.41	320.00	11.93
30.00	23.38	330.00	11.73
40.00	23.23	340.00	11.57
50.00	22.55	350.00	11.30
60.00	22.15	360.00	11.10
70.00	21.71	370.00	10.90
80.00	21.08	380.00	10.73
90.00	20.00	390.00	10.62
100.00	20.12	400.00	10.33
110.00	19.36	410.00	10.08
120.00	18.84	420.00	9.93
130.00	18.43	430.00	9.73
140.00	18.02	440.00	9.54
150.00	17.41	450.00	9.33
160.00	16.86	460.00	9.12
170.00	16.29	470.00	8.78
180.00	15.87	480.00	8.40
190.00	15.65	490.00	8.24
200.00	15.45		
210.00	14.89		
220.00	14.54		
230.00	14.24		
240.00	13.95		
250.00	13.66		
260.00	13.31		
270.00	13.09		
280.00	12.84		
290.00	12.52		
300.00	12.28		

Cruise: GULFCET 01 **Station:** 02-018 **Probe Type:** T-10
Latitude: 27° 41.39' N **Longitude:** 95° 31.07' W **Date:** 17-Apr-1992 **Time:** 0359

Depth (m)	Temp. (°C)
10.00	22.93
20.00	21.18
30.00	19.70
40.00	20.24
50.00	19.67
60.00	19.65
70.00	19.59
80.00	19.52
90.00	19.04
100.00	18.78
110.00	18.62
120.00	18.32
130.00	18.13
140.00	17.94
150.00	17.70
160.00	17.28
170.00	16.75
180.00	16.32
190.00	15.83
200.00	15.45

Cruise: GULFCET 01 **Station:** 02-019 **Probe Type:** T-10
Latitude: 27° 42.08' N **Longitude:** 95° 30.02' W **Date:** 17-Apr-1992 **Time:** 0406

Depth (m)	Temp. (°C)
10.00	22.96
20.00	21.03
30.00	19.51
40.00	20.26
50.00	19.98
60.00	19.72
70.00	19.75
80.00	19.50
90.00	18.96
100.00	18.88
110.00	18.71
120.00	18.59
130.00	18.17
140.00	17.92
150.00	17.73
160.00	17.21
170.00	16.70
180.00	16.11
190.00	15.62
200.00	15.38

Cruise: GULFCET 01 **Station:** 03-022 **Probe Type:** T-10
Latitude: 27° 51.50' N **Longitude:** 94° 50.10' W **Date:** 17-Apr-1992 **Time:** 1153

Depth (m)	Temp. (°C)
10.00	22.63
20.00	21.01
30.00	20.61
40.00	20.33
50.00	20.23
60.00	20.36
70.00	19.44
80.00	18.94
90.00	18.87
100.00	19.00
110.00	18.98
120.00	18.93
130.00	18.28
140.00	17.93
150.00	17.29
160.00	16.70
170.00	16.39
180.00	16.02
190.00	15.68
200.00	15.43

Cruise: GULFCET 01 **Station:** 03-023 **Probe Type:** T-10
Latitude: 27° 49.00' N **Longitude:** 94° 50.08' W **Date:** 17-Apr-1992 **Time:** 1216

Depth (m)	Temp. (°C)
10.00	22.25
20.00	21.10
30.00	20.52
40.00	20.01
50.00	20.25
60.00	20.55
70.00	20.03
80.00	19.63
90.00	19.04
100.00	18.94
110.00	19.00
120.00	18.85
130.00	18.41
140.00	18.08
150.00	17.64
160.00	17.30
170.00	17.02
180.00	16.26
190.00	15.87
200.00	15.82

Cruise: GULFCET 01 **Station:** 03-026 **Probe Type:** T-7
Latitude: 27° 26.00' N **Longitude:** 94° 50.00' W **Date:** 17-Apr-1992 **Time:** 1622

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	24.23	310.00	12.19	610.00	7.05
20.00	24.16	320.00	12.00	620.00	6.97
30.00	23.80	330.00	11.69	630.00	6.92
40.00	21.62	340.00	11.44	640.00	6.86
50.00	20.59	350.00	11.25	650.00	6.77
60.00	20.62	360.00	11.04	660.00	6.69
70.00	20.99	370.00	10.80	670.00	6.60
80.00	20.54	380.00	10.60	680.00	6.49
90.00	20.04	390.00	10.37	690.00	6.41
100.00	19.60	400.00	10.13	700.00	6.38
110.00	18.66	410.00	9.92	710.00	6.25
120.00	18.17	420.00	9.74	720.00	6.15
130.00	17.76	430.00	9.55	730.00	6.09
140.00	17.33	440.00	9.44	740.00	6.04
150.00	17.01	450.00	9.26	750.00	5.97
160.00	16.44	460.00	9.06	760.00	5.93
170.00	16.16	470.00	8.89		
180.00	15.75	480.00	8.71		
190.00	15.45	490.00	8.54		
200.00	15.14	500.00	8.40		
210.00	14.88	510.00	8.28		
220.00	14.62	520.00	8.20		
230.00	14.38	530.00	8.07		
240.00	13.93	540.00	7.98		
250.00	13.58	550.00	7.92		
260.00	13.21	560.00	7.72		
270.00	12.93	570.00	7.55		
280.00	12.76	580.00	7.45		
290.00	12.48	590.00	7.28		
300.00	12.38	600.00	7.16		

Cruise: GULFCET 01 **Station:** 04-032 **Probe Type:** T-7
Latitude: 26° 36.94' N **Longitude:** 94° 10.04' W **Date:** 21-Apr-1992 **Time:** 0619

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	24.36	310.00	12.43	610.00	7.17
20.00	24.34	320.00	12.01	620.00	7.06
30.00	24.33	330.00	11.73	630.00	6.95
40.00	23.66	340.00	11.49	640.00	6.87
50.00	22.89	350.00	11.30	650.00	6.82
60.00	22.80	360.00	11.06	660.00	6.75
70.00	22.76	370.00	10.82	670.00	6.67
80.00	22.68	380.00	10.63	680.00	6.58
90.00	22.19	390.00	10.47	690.00	6.47
100.00	21.74	400.00	10.28	700.00	6.41
110.00	21.14	410.00	10.08	710.00	6.34
120.00	20.68	420.00	9.96	720.00	6.30
130.00	20.04	430.00	9.74	730.00	6.22
140.00	18.97	440.00	9.56	740.00	6.12
150.00	18.46	450.00	9.45		
160.00	18.01	460.00	9.29		
170.00	17.75	470.00	9.15		
180.00	17.26	480.00	8.98		
190.00	16.70	490.00	8.78		
200.00	16.36	500.00	8.57		
210.00	16.03	510.00	8.40		
220.00	15.49	520.00	8.29		
230.00	14.98	530.00	8.17		
240.00	14.55	540.00	8.07		
250.00	14.27	550.00	7.98		
260.00	13.87	560.00	7.88		
270.00	13.55	570.00	7.69		
280.00	13.15	580.00	7.58		
290.00	12.93	590.00	7.46		
300.00	12.69	600.00	7.35		

Cruise: GULFCET 01 **Station:** 04-034 **Probe Type:** T-7
Latitude: 27° 06.05' N **Longitude:** 94° 09.85' W **Date:** 21-Apr-1992 **Time:** 0041

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	24.36	310.00	12.43	610.00	7.17
20.00	24.34	320.00	12.01	620.00	7.06
30.00	24.33	330.00	11.73	630.00	6.95
40.00	23.66	340.00	11.49	640.00	6.87
50.00	22.89	350.00	11.30	650.00	6.82
60.00	22.80	360.00	11.06	660.00	6.75
70.00	22.76	370.00	10.82	670.00	6.67
80.00	22.68	380.00	10.63	680.00	6.58
90.00	22.19	390.00	10.47	690.00	6.47
100.00	21.74	400.00	10.28	700.00	6.41
110.00	21.14	410.00	10.08	710.00	6.34
120.00	20.68	420.00	9.96	720.00	6.30
130.00	20.04	430.00	9.74	730.00	6.22
140.00	18.97	440.00	9.56	740.00	6.12
150.00	18.46	450.00	9.45	750.00	6.12
160.00	18.01	460.00	9.29	760.00	6.00
170.00	17.75	470.00	9.15		
180.00	17.26	480.00	8.98		
190.00	16.70	490.00	8.78		
200.00	16.36	500.00	8.57		
210.00	16.03	510.00	8.40		
220.00	15.49	520.00	8.29		
230.00	14.98	530.00	8.17		
240.00	14.55	540.00	8.07		
250.00	14.27	550.00	7.98		
260.00	13.87	560.00	7.88		
270.00	13.55	570.00	7.69		
280.00	13.15	580.00	7.58		
290.00	12.93	590.00	7.46		
300.00	12.69	600.00	7.35		

Cruise: GULFCET 01 **Station:** 04-035 **Probe Type:** T-7
Latitude: 27° 15.10' N **Longitude:** 94° 09.79' W **Date:** 20-Apr-1992 **Time:** 2310

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.53	310.00	11.55	610.00	6.80
20.00	22.22	320.00	11.40	620.00	6.72
30.00	20.49	330.00	11.17	630.00	6.59
40.00	20.88	340.00	10.85	640.00	6.55
50.00	20.47	350.00	10.71	650.00	6.38
60.00	19.85	360.00	10.45	660.00	6.28
70.00	19.80	370.00	10.24	670.00	6.19
80.00	19.54	380.00	9.99	680.00	6.09
90.00	18.97	390.00	9.68	690.00	6.03
100.00	18.53	400.00	9.51	700.00	5.99
110.00	17.98	410.00	9.38	710.00	5.95
120.00	17.51	420.00	9.16	720.00	5.88
130.00	17.00	430.00	8.88	730.00	5.82
140.00	16.75	440.00	8.63	740.00	5.75
150.00	16.39	450.00	8.49	750.00	5.67
160.00	16.02	460.00	8.39	760.00	5.63
170.00	15.86	470.00	8.29		
180.00	15.47	480.00	8.13		
190.00	15.19	490.00	8.00		
200.00	14.89	500.00	7.91		
210.00	14.58	510.00	7.82		
220.00	14.25	520.00	7.68		
230.00	13.96	530.00	7.55		
240.00	13.73	540.00	7.47		
250.00	13.49	550.00	7.29		
260.00	13.15	560.00	7.23		
270.00	12.87	570.00	7.19		
280.00	12.53	580.00	7.08		
290.00	12.20	590.00	6.94		
300.00	11.90	600.00	6.89		

Cruise: GULFCET 01 **Station:** 04-037 **Probe Type:** T-7
Latitude: 27° 29.97' N **Longitude:** 94° 10.03' W **Date:** 20-Apr-1992 **Time:** 1930

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.54	310.00	11.31	610.00	7.08
20.00	22.58	320.00	11.17	620.00	7.03
30.00	21.63	330.00	10.90	630.00	6.96
40.00	21.06	340.00	10.66	640.00	6.82
50.00	20.71	350.00	10.42	650.00	6.72
60.00	20.40	360.00	10.30	660.00	6.64
70.00	20.19	370.00	10.11	670.00	6.48
80.00	19.82	380.00	9.96	680.00	6.37
90.00	19.59	390.00	9.84	690.00	6.26
100.00	19.07	400.00	9.67	700.00	6.15
110.00	18.62	410.00	9.50	710.00	6.06
120.00	17.86	420.00	9.27	720.00	5.99
130.00	17.19	430.00	9.13	730.00	5.89
140.00	16.84	440.00	9.00	740.00	5.83
150.00	16.48	450.00	8.89	750.00	5.79
160.00	16.16	460.00	8.70	760.00	5.75
170.00	15.76	470.00	8.57		
180.00	15.20	480.00	8.52		
190.00	14.43	490.00	8.42		
200.00	14.21	500.00	8.20		
210.00	14.02	510.00	8.04		
220.00	13.68	520.00	7.96		
230.00	13.41	530.00	7.64		
240.00	13.14	540.00	7.50		
250.00	12.87	550.00	7.44		
260.00	12.61	560.00	7.33		
270.00	12.32	570.00	7.27		
280.00	12.02	580.00	7.21		
290.00	11.84	590.00	7.20		
300.00	11.57	600.00	7.14		

Cruise: GULFCET 01 **Station:** 04-038 **Probe Type:** T-7
Latitude: 27° 38.15' N **Longitude:** 94° 10.01' W **Date:** 20-Apr-1992 **Time:** 1808

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.53	310.00	11.96	610.00	6.99
20.00	22.52	320.00	11.74	620.00	6.81
30.00	21.38	330.00	11.47	630.00	6.64
40.00	20.90	340.00	11.20	640.00	6.47
50.00	20.63	350.00	11.03	650.00	6.41
60.00	20.41	360.00	10.75	660.00	6.34
70.00	20.19	370.00	10.62	670.00	6.28
80.00	19.76	380.00	10.45	680.00	6.25
90.00	19.37	390.00	10.20	690.00	6.16
100.00	18.91	400.00	9.95	700.00	6.09
110.00	18.04	410.00	9.61	710.00	6.07
120.00	17.59	420.00	9.39	720.00	6.02
130.00	16.83	430.00	9.23	730.00	5.99
140.00	16.29	440.00	9.08	740.00	5.97
150.00	16.05	450.00	8.87	750.00	5.96
160.00	15.85	460.00	8.75		
170.00	15.63	470.00	8.52		
180.00	15.32	480.00	8.48		
190.00	15.08	490.00	8.38		
200.00	14.75	500.00	8.21		
210.00	14.46	510.00	8.03		
220.00	14.24	520.00	7.94		
230.00	14.00	530.00	7.82		
240.00	13.72	540.00	7.59		
250.00	13.62	550.00	7.55		
260.00	13.35	560.00	7.51		
270.00	13.11	570.00	7.39		
280.00	12.77	580.00	7.35		
290.00	12.50	590.00	7.24		
300.00	12.32	600.00	7.12		

Cruise: GULFCET 01 **Station:** 04-039 **Probe Type:** T-7
Latitude: 27° 41.00' N **Longitude:** 94° 10.08' W **Date:** 20-Apr-1992 **Time:** 1741

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.54	310.00	12.12
20.00	22.56	320.00	11.90
30.00	21.75	330.00	11.65
40.00	21.06	340.00	11.47
50.00	20.81	350.00	11.20
60.00	20.61	360.00	10.95
70.00	20.29	370.00	10.90
80.00	19.99	380.00	10.66
90.00	19.71	390.00	10.41
100.00	19.14	400.00	10.13
110.00	18.47	410.00	9.98
120.00	17.97	420.00	9.85
130.00	16.97	430.00	9.48
140.00	16.38	440.00	9.42
150.00	16.15	450.00	9.34
160.00	15.93	460.00	9.29
170.00	15.56	470.00	9.09
180.00	15.42	480.00	8.88
190.00	15.28	490.00	8.59
200.00	15.14	500.00	8.31
210.00	14.85		
220.00	14.52		
230.00	14.18		
240.00	13.85		
250.00	13.61		
260.00	13.42		
270.00	12.94		
280.00	12.66		
290.00	12.46		
300.00	12.29		

Cruise: GULFCET 01 **Station:** 04-040 **Probe Type:** T-7
Latitude: 27° 44.00' N **Longitude:** 94° 10.37' W **Date:** 20-Apr-1992 **Time:** 1709

Depth (m)	Temp. (°C)
10.00	22.51
20.00	22.48
30.00	21.27
40.00	20.99
50.00	20.71
60.00	20.45
70.00	20.23
80.00	20.05
90.00	19.55
100.00	19.17
110.00	18.71
120.00	18.24
130.00	17.94
140.00	17.45
150.00	16.82
160.00	16.49
170.00	16.27
180.00	16.07
190.00	15.79
200.00	15.50
210.00	14.98
220.00	14.52
230.00	13.91
240.00	13.54
250.00	13.37
260.00	13.09
270.00	12.60
280.00	12.28
290.00	12.07

Cruise: GULFCET 01 **Station:** 04-041 **Probe Type:** T-10
Latitude: 27° 49.44' N **Longitude:** 94° 10.32' W **Date:** 20-Apr-1992 **Time:** 1621

Depth (m)	Temp. (°C)
10.00	22.43
20.00	21.86
30.00	20.99
40.00	20.86
50.00	20.63
60.00	20.43
70.00	20.27
80.00	20.06
90.00	19.78
100.00	19.41
110.00	19.26
120.00	19.01
130.00	18.83
140.00	18.11
150.00	17.37
160.00	16.85
170.00	16.68

Cruise: GULFCET 01 **Station:** 05-044 **Probe Type:** T-10
Latitude: 27° 49.06' N **Longitude:** 93° 29.98' W **Date:** 23-Apr-1992 **Time:** 0949

Depth (m)	Temp. (°C)
10.00	22.75
20.00	22.53
30.00	21.55
40.00	20.92
50.00	20.70
60.00	20.63
70.00	20.51
80.00	20.38
90.00	19.76
100.00	19.39
110.00	19.24
120.00	19.07
130.00	18.73
140.00	18.56
150.00	18.16
160.00	17.88
170.00	17.46
180.00	17.11
190.00	16.19
200.00	15.93

Cruise: GULFCET 01 **Station:** 05-045 **Probe Type:** T-7
Latitude: 27° 35.00' N **Longitude:** 93° 30.00' W **Date:** 23-Apr-1992 **Time:** 1159

Depth (m)	Temp. (°C)
10.00	22.65
20.00	22.63
30.00	22.40
40.00	21.22
50.00	20.65
60.00	20.54
70.00	20.35
80.00	19.97
90.00	19.48
100.00	19.20
110.00	18.58
120.00	17.60
130.00	17.29
140.00	16.88
150.00	16.40
160.00	16.04
170.00	15.68
180.00	15.30
190.00	14.86
200.00	14.52
210.00	14.07
220.00	13.83
230.00	13.45
240.00	13.36
250.00	13.20
260.00	12.99
270.00	12.71
280.00	12.52

Cruise: GULFCET 01 **Station:** 05-046 **Probe Type:** T-7
Latitude: 27° 33.00' N **Longitude:** 93° 30.00' W **Date:** 23-Apr-1992 **Time:** 1218

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.57	310.00	11.79
20.00	22.56	320.00	11.68
30.00	22.13	330.00	11.53
40.00	20.76	340.00	11.37
50.00	20.54	350.00	11.30
60.00	20.35	360.00	11.02
70.00	20.09	370.00	10.90
80.00	19.93	380.00	10.65
90.00	19.24	390.00	10.27
100.00	18.76	400.00	9.78
110.00	18.54	410.00	9.63
120.00	17.88	420.00	9.51
130.00	17.00	430.00	9.20
140.00	16.47		
150.00	16.02		
160.00	15.56		
170.00	15.29		
180.00	14.87		
190.00	14.58		
200.00	14.23		
210.00	13.95		
220.00	13.79		
230.00	13.50		
240.00	13.26		
250.00	13.00		
260.00	12.81		
270.00	12.59		
280.00	12.26		
290.00	12.06		
300.00	11.87		

Cruise: GULFCET 01 **Station:** 05-048 **Probe Type:** T-7
Latitude: 27° 21.00' N **Longitude:** 93° 30.00' W **Date:** 23-Apr-1992 **Time:** 1459

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.80	310.00	11.32	610.00	6.79
20.00	22.64	320.00	11.26	620.00	6.71
30.00	21.51	330.00	11.07	630.00	6.60
40.00	20.87	340.00	10.93	640.00	6.50
50.00	20.69	350.00	10.81	650.00	6.40
60.00	20.47	360.00	10.57	660.00	6.39
70.00	20.06	370.00	10.37	670.00	6.37
80.00	19.79	380.00	10.19	680.00	6.31
90.00	19.33	390.00	9.91		
100.00	18.72	400.00	9.64		
110.00	18.25	410.00	9.53		
120.00	17.82	420.00	9.39		
130.00	17.16	430.00	9.21		
140.00	16.40	440.00	9.08		
150.00	15.98	450.00	8.96		
160.00	15.61	460.00	8.88		
170.00	15.26	470.00	8.80		
180.00	14.97	480.00	8.64		
190.00	14.71	490.00	8.50		
200.00	14.52	500.00	8.38		
210.00	14.16	510.00	8.22		
220.00	13.81	520.00	8.08		
230.00	13.48	530.00	7.86		
240.00	13.20	540.00	7.76		
250.00	12.92	550.00	7.44		
260.00	12.69	560.00	7.22		
270.00	12.56	570.00	7.14		
280.00	12.23	580.00	7.14		
290.00	11.88	590.00	7.01		
300.00	11.60	600.00	6.93		

Cruise: GULFCET 01 **Station:** 05-049 **Probe Type:** T-7
Latitude: 27° 05.98' N **Longitude:** 93° 29.98' W **Date:** 23-Apr-1992 **Time:** 1713

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.80	310.00	11.27	610.00	6.83
20.00	22.71	320.00	11.08	620.00	6.76
30.00	21.87	330.00	10.92	630.00	6.66
40.00	20.89	340.00	10.73	640.00	6.58
50.00	20.62	350.00	10.52	650.00	6.55
60.00	20.30	360.00	10.38	660.00	6.51
70.00	19.78	370.00	10.16	670.00	6.49
80.00	19.54	380.00	10.00	680.00	6.41
90.00	19.01	390.00	9.83	690.00	6.29
100.00	18.61	400.00	9.75	700.00	6.23
110.00	18.18	410.00	9.67	710.00	6.20
120.00	17.59	420.00	9.51	720.00	6.16
130.00	17.01	430.00	9.31	730.00	6.15
140.00	16.51	440.00	9.10	740.00	6.02
150.00	16.20	450.00	8.92	750.00	5.89
160.00	15.69	460.00	8.76	760.00	5.83
170.00	15.33	470.00	8.57		
180.00	14.88	480.00	8.44		
190.00	14.55	490.00	8.31		
200.00	14.17	500.00	8.21		
210.00	13.86	510.00	8.06		
220.00	13.51	520.00	7.94		
230.00	13.27	530.00	7.78		
240.00	13.13	540.00	7.61		
250.00	12.83	550.00	7.47		
260.00	12.53	560.00	7.39		
270.00	12.27	570.00	7.30		
280.00	11.96	580.00	7.12		
290.00	11.67	590.00	7.00		
300.00	11.42	600.00	6.91		

Cruise: GULFCET 01 **Station:** 05-051 **Probe Type:** T-7
Latitude: 26° 43.00' N **Longitude:** 93° 30.00' W **Date:** 23-Apr-1992 **Time:** 2244

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.95	310.00	11.47	610.00	6.83
20.00	22.28	320.00	11.28	620.00	6.74
30.00	20.71	330.00	11.07	630.00	6.64
40.00	20.54	340.00	10.84	640.00	6.56
50.00	20.21	350.00	10.66	650.00	6.49
60.00	19.74	360.00	10.46	660.00	6.48
70.00	19.48	370.00	10.25	670.00	6.37
80.00	19.25	380.00	10.14	680.00	6.30
90.00	18.79	390.00	9.97	690.00	6.22
100.00	18.36	400.00	9.68	700.00	6.15
110.00	17.88	410.00	9.41	710.00	6.10
120.00	17.28	420.00	9.34	720.00	6.05
130.00	16.90	430.00	9.30	730.00	6.00
140.00	16.43	440.00	9.18	740.00	5.94
150.00	15.98	450.00	8.98		
160.00	15.52	460.00	8.86		
170.00	15.03	470.00	8.74		
180.00	14.86	480.00	8.59		
190.00	14.61	490.00	8.36		
200.00	14.39	500.00	8.21		
210.00	14.01	510.00	8.10		
220.00	13.53	520.00	7.95		
230.00	13.13	530.00	7.83		
240.00	12.89	540.00	7.70		
250.00	12.59	550.00	7.61		
260.00	12.44	560.00	7.53		
270.00	12.24	570.00	7.33		
280.00	12.05	580.00	7.20		
290.00	11.79	590.00	7.08		
300.00	11.61	600.00	6.93		

Cruise: GULFCET 01 **Station:** 05-052 **Probe Type:** T-7
Latitude: 26° 32.01' N **Longitude:** 93° 29.98' W **Date:** 24-Apr-1992 **Time:** 0045

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.75	310.00	11.33	610.00	6.85
20.00	22.36	320.00	11.18	620.00	6.77
30.00	20.80	330.00	10.95	630.00	6.67
40.00	20.48	340.00	10.82	640.00	6.60
50.00	20.27	350.00	10.59	650.00	6.53
60.00	19.88	360.00	10.48	660.00	6.46
70.00	19.55	370.00	10.35	670.00	6.40
80.00	19.34	380.00	10.17	680.00	6.34
90.00	18.96	390.00	9.95	690.00	6.26
100.00	18.83	400.00	9.78	700.00	6.19
110.00	18.37	410.00	9.69	710.00	6.13
120.00	17.95	420.00	9.51	720.00	6.05
130.00	17.43	430.00	9.34	730.00	6.00
140.00	16.92	440.00	9.20	740.00	5.96
150.00	16.49	450.00	9.05		
160.00	15.97	460.00	8.87		
170.00	15.50	470.00	8.65		
180.00	15.11	480.00	8.48		
190.00	14.72	490.00	8.36		
200.00	14.34	500.00	8.21		
210.00	14.08	510.00	8.13		
220.00	13.82	520.00	8.04		
230.00	13.52	530.00	7.92		
240.00	13.20	540.00	7.76		
250.00	12.86	550.00	7.58		
260.00	12.61	560.00	7.49		
270.00	12.31	570.00	7.35		
280.00	12.04	580.00	7.19		
290.00	11.81	590.00	7.04		
300.00	11.58	600.00	6.91		

Cruise: GULFCET 01 **Station:** 06-056 **Probe Type:** T-7
Latitude: 26° 52.02' N **Longitude:** 92° 50.03' W **Date:** 24-Apr-1992 **Time:** 1833

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.27	310.00	11.36	610.00	6.85
20.00	21.99	320.00	11.18	620.00	6.79
30.00	20.89	330.00	11.03	630.00	6.74
40.00	20.68	340.00	10.86	640.00	6.67
50.00	20.51	350.00	10.51	650.00	6.58
60.00	20.33	360.00	10.27	660.00	6.47
70.00	19.98	370.00	10.05	670.00	6.40
80.00	19.66	380.00	9.82	680.00	6.30
90.00	19.23	390.00	9.70	690.00	6.28
100.00	18.99	400.00	9.64	700.00	6.19
110.00	18.56	410.00	9.48	710.00	6.13
120.00	17.88	420.00	9.27	720.00	6.08
130.00	17.13	430.00	9.10	730.00	5.99
140.00	16.56	440.00	8.98	740.00	5.94
150.00	16.17	450.00	8.82	750.00	5.85
160.00	15.84	460.00	8.68	760.00	5.80
170.00	15.67	470.00	8.62		
180.00	15.48	480.00	8.51		
190.00	15.11	490.00	8.41		
200.00	14.80	500.00	8.30		
210.00	14.46	510.00	8.13		
220.00	13.99	520.00	7.97		
230.00	13.64	530.00	7.82		
240.00	13.28	540.00	7.64		
250.00	12.93	550.00	7.53		
260.00	12.65	560.00	7.44		
270.00	12.43	570.00	7.37		
280.00	12.18	580.00	7.25		
290.00	11.96	590.00	7.11		
300.00	11.61	600.00	6.96		

Cruise: GULFCET 01 **Station:** 06-057 **Probe Type:** T-7
Latitude: 26° 58.25' N **Longitude:** 92° 50.06' W **Date:** 24-Apr-1992 **Time:** 1935

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.15	310.00	11.48	610.00	6.92
20.00	22.62	320.00	11.25	620.00	6.75
30.00	21.71	330.00	11.03	630.00	6.64
40.00	21.22	340.00	10.79	640.00	6.60
50.00	20.83	350.00	10.61	650.00	6.49
60.00	20.62	360.00	10.42	660.00	6.39
70.00	20.24	370.00	10.25	670.00	6.36
80.00	19.92	380.00	10.03	680.00	6.32
90.00	19.41	390.00	9.87	690.00	6.30
100.00	18.75	400.00	9.78	700.00	6.25
110.00	17.90	410.00	9.65	710.00	6.21
120.00	17.45	420.00	9.37	720.00	6.20
130.00	17.22	430.00	9.26	730.00	6.12
140.00	16.76	440.00	9.06	740.00	6.06
150.00	16.29	450.00	8.90	750.00	5.97
160.00	15.77	460.00	8.75	760.00	5.93
170.00	15.49	470.00	8.56		
180.00	15.18	480.00	8.42		
190.00	14.88	490.00	8.31		
200.00	14.54	500.00	8.21		
210.00	14.26	510.00	8.10		
220.00	13.81	520.00	7.90		
230.00	13.51	530.00	7.81		
240.00	13.29	540.00	7.77		
250.00	12.98	550.00	7.62		
260.00	12.74	560.00	7.52		
270.00	12.47	570.00	7.38		
280.00	12.28	580.00	7.24		
290.00	11.95	590.00	7.12		
300.00	11.75	600.00	7.02		

Cruise: GULFCET 01 **Station:** 06-058 **Probe Type:** T-7
Latitude: 27° 19.00' N **Longitude:** 92° 50.00' W **Date:** 24-Apr-1992 **Time:** 2328

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.17	310.00	11.62	610.00	6.92
20.00	22.62	320.00	11.41	620.00	6.83
30.00	22.56	330.00	11.16	630.00	6.73
40.00	21.27	340.00	10.91	640.00	6.59
50.00	20.90	350.00	10.60	650.00	6.48
60.00	20.66	360.00	10.33	660.00	6.42
70.00	20.42	370.00	10.10	670.00	6.40
80.00	20.13	380.00	9.86	680.00	6.37
90.00	19.79	390.00	9.78	690.00	6.28
100.00	19.10	400.00	9.60	700.00	6.22
110.00	18.33	410.00	9.42	710.00	6.15
120.00	17.75	420.00	9.31	720.00	6.05
130.00	17.36	430.00	9.08	730.00	6.01
140.00	17.07	440.00	8.92	740.00	6.01
150.00	16.51	450.00	8.76	750.00	5.93
160.00	16.12	460.00	8.61	760.00	5.87
170.00	15.88	470.00	8.41		
180.00	15.35	480.00	8.25		
190.00	15.13	490.00	8.14		
200.00	14.88	500.00	8.08		
210.00	14.46	510.00	8.02		
220.00	14.10	520.00	7.87		
230.00	13.81	530.00	7.68		
240.00	13.50	540.00	7.59		
250.00	13.30	550.00	7.53		
260.00	13.01	560.00	7.44		
270.00	12.72	570.00	7.33		
280.00	12.33	580.00	7.24		
290.00	12.07	590.00	7.15		
300.00	11.89	600.00	7.04		

Cruise: GULFCET 01 **Station:** 06-060 **Probe Type:** T-7
Latitude: 27° 34.51' N **Longitude:** 92° 49.99' W **Date:** 25-Apr-1992 **Time:** 0411

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.11	310.00	11.88	610.00	7.07
20.00	22.67	320.00	11.60	620.00	6.94
30.00	21.65	330.00	11.33	630.00	6.70
40.00	21.07	340.00	11.06	640.00	6.55
50.00	20.98	350.00	10.72	650.00	6.52
60.00	20.72	360.00	10.60	660.00	6.34
70.00	20.14	370.00	10.34	670.00	6.06
80.00	19.63	380.00	10.10		
90.00	19.40	390.00	9.95		
100.00	19.21	400.00	9.71		
110.00	18.90	410.00	9.59		
120.00	18.59	420.00	9.48		
130.00	18.03	430.00	9.34		
140.00	17.68	440.00	9.14		
150.00	17.36	450.00	8.96		
160.00	16.79	460.00	8.77		
170.00	16.28	470.00	8.57		
180.00	15.82	480.00	8.44		
190.00	15.50	490.00	8.20		
200.00	15.17	500.00	8.10		
210.00	14.84	510.00	8.01		
220.00	14.55	520.00	7.86		
230.00	14.28	530.00	7.77		
240.00	13.83	540.00	7.65		
250.00	13.59	550.00	7.53		
260.00	13.19	560.00	7.44		
270.00	12.81	570.00	7.33		
280.00	12.56	580.00	7.21		
290.00	12.29	590.00	7.16		
300.00	12.03	600.00	7.10		

Cruise: GULFCET 01 **Station:** 06-061 **Probe Type:** T-7
Latitude: 27° 41.05' N **Longitude:** 92° 50.03' W **Date:** 25-Apr-1992 **Time:** 0510

Depth (m)	Temp. (°C)
10.00	23.03
20.00	22.65
30.00	22.04
40.00	21.00
50.00	20.78
60.00	20.58
70.00	20.21
80.00	19.93
90.00	19.69
100.00	19.59
110.00	19.27
120.00	19.06
130.00	18.55
140.00	18.23
150.00	17.76
160.00	17.47
170.00	16.93
180.00	16.52
190.00	16.01
200.00	15.72

Cruise: GULFCET 01 **Station:** 06-062 **Probe Type:** T-10
Latitude: 27° 43.04' N **Longitude:** 92° 50.08' W **Date:** 25-Apr-1992 **Time:** 0528

Depth (m)	Temp. (°C)
10.00	22.92
20.00	22.61
30.00	21.56
40.00	20.87
50.00	20.78
60.00	20.71
70.00	20.47
80.00	20.05
90.00	19.76
100.00	19.60
110.00	19.46
120.00	19.16
130.00	18.47
140.00	18.20
150.00	17.70
160.00	17.07
170.00	16.58
180.00	16.34
190.00	15.96
200.00	15.61

Cruise: GULFCET 01 **Station:** 06-063 **Probe Type:** T-10
Latitude: 27° 54.50' N **Longitude:** 92° 50.00' W **Date:** 25-Apr-1992 **Time:** 0715

Depth (m)	Temp. (°C)
10.00	22.87
20.00	22.28
30.00	21.37
40.00	20.88
50.00	20.44
60.00	20.19
70.00	19.76
80.00	19.66
90.00	19.65
100.00	19.59
110.00	19.21
120.00	18.78
130.00	18.12
140.00	17.83
150.00	17.52
160.00	17.31
170.00	16.85
180.00	16.78
190.00	16.74

Cruise: GULFCET 01 **Station:** 06-064 **Probe Type:** T-10
Latitude: 28° 02.00' N **Longitude:** 92° 50.00' W **Date:** 25-Apr-1992 **Time:** 0822

Depth (m)	Temp. (°C)
10.00	22.75
20.00	21.80
30.00	21.08
40.00	20.56
50.00	20.08
60.00	19.88
70.00	19.88

Cruise: GULFCET 01 **Station:** 06-EX1 **Probe Type:** T-10
Latitude: 26° 41.16' N **Longitude:** 92° 20.80' W **Date:** 24-Apr-1992 **Time:** 1549

Depth (m)	Temp. (°C)
10.00	24.34
20.00	24.07
30.00	23.54
40.00	21.07
50.00	20.83
60.00	20.20
70.00	19.83
80.00	19.29
90.00	19.02
100.00	19.14
110.00	18.84
120.00	18.14
130.00	17.49
140.00	17.11
150.00	16.61
160.00	16.20
170.00	15.82
180.00	15.65
190.00	15.30
200.00	14.99

Cruise: GULFCET 01 **Station:** 07-065 **Probe Type:** T-10
Latitude: 28° 01.94' N **Longitude:** 92° 09.99' W **Date:** 25-Apr-1992 **Time:** 1259

Depth (m)	Temp. (°C)
10.00	22.93
20.00	22.63
30.00	22.19
40.00	21.49
50.00	21.15
60.00	20.80
70.00	20.51
80.00	20.14
90.00	19.78
100.00	19.55

Cruise: GULFCET 01 **Station:** 07-066 **Probe Type:** T-10
Latitude: 27° 52.97' N **Longitude:** 92° 09.97' W **Date:** 25-Apr-1992 **Time:** 1421

Depth (m)	Temp. (°C)
10.00	23.49
20.00	22.79
30.00	22.12
40.00	21.09
50.00	20.87
60.00	20.69
70.00	20.36
80.00	20.00
90.00	19.91
100.00	19.45
110.00	18.95
120.00	18.72
130.00	18.56
140.00	17.96
150.00	16.98
160.00	16.76
170.00	16.31
180.00	15.99
190.00	15.29
200.00	14.94

Cruise: GULFCET 01 **Station:** 07-067 **Probe Type:** T-10
Latitude: 27° 52.02' N **Longitude:** 92° 10.08' W **Date:** 25-Apr-1992 **Time:** 1432

Depth (m)	Temp. (°C)
10.00	23.45
20.00	22.78
30.00	21.85
40.00	21.00
50.00	20.80
60.00	20.68
70.00	20.31
80.00	20.05
90.00	19.85
100.00	19.56
110.00	18.89
120.00	18.62
130.00	18.28
140.00	17.85
150.00	16.76
160.00	16.41
170.00	16.20
180.00	15.87
190.00	15.55
200.00	15.27

Cruise: GULFCET 01 **Station:** 07-068 **Probe Type:** T-7
Latitude: 27° 45.00' N **Longitude:** 92° 10.00' W **Date:** 25-Apr-1992 **Time:** 1534

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.26	310.00	11.77
20.00	22.75	320.00	11.46
30.00	21.26	330.00	11.28
40.00	20.76	340.00	11.06
50.00	20.50	350.00	10.80
60.00	20.27	360.00	10.57
70.00	20.10	370.00	10.26
80.00	19.75	380.00	9.89
90.00	19.38	390.00	9.76
100.00	19.07	400.00	9.51
110.00	18.24	410.00	9.27
120.00	17.85	420.00	9.22
130.00	17.32	430.00	9.14
140.00	16.71	440.00	8.94
150.00	16.50	450.00	8.83
160.00	16.02	460.00	8.71
170.00	15.50	470.00	8.52
180.00	15.17	480.00	8.40
190.00	14.88		
200.00	14.61		
210.00	14.21		
220.00	13.94		
230.00	13.78		
240.00	13.59		
250.00	13.27		
260.00	13.10		
270.00	12.86		
280.00	12.59		
290.00	12.39		
300.00	12.08		

Cruise: GULFCET 01 **Station:** 07-069 **Probe Type:** T-7
Latitude: 27° 37.00' N **Longitude:** 92° 10.00' W **Date:** 25-Apr-1992 **Time:** 1649

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.51	310.00	11.70	610.00	6.68
20.00	22.71	320.00	11.45	620.00	6.61
30.00	21.47	330.00	11.36	630.00	6.53
40.00	21.05	340.00	11.22	640.00	6.46
50.00	20.79	350.00	11.05	650.00	6.39
60.00	20.49	360.00	10.81	660.00	6.36
70.00	20.17	370.00	10.28	670.00	6.32
80.00	19.95	380.00	10.02	680.00	6.27
90.00	19.56	390.00	9.88	690.00	6.24
100.00	19.22	400.00	9.74	700.00	6.21
110.00	18.42	410.00	9.40	710.00	6.10
120.00	17.69	420.00	9.01	720.00	6.08
130.00	16.87	430.00	8.66	730.00	6.05
140.00	16.36	440.00	8.49		
150.00	16.00	450.00	8.34		
160.00	15.60	460.00	8.19		
170.00	15.20	470.00	8.05		
180.00	14.86	480.00	7.87		
190.00	14.42	490.00	7.70		
200.00	14.19	500.00	7.65		
210.00	13.99	510.00	7.57		
220.00	13.80	520.00	7.50		
230.00	13.54	530.00	7.32		
240.00	13.24	540.00	7.23		
250.00	12.95	550.00	7.05		
260.00	12.71	560.00	6.99		
270.00	12.53	570.00	6.85		
280.00	12.30	580.00	6.76		
290.00	12.12	590.00	6.73		
300.00	11.92	600.00	6.72		

Cruise: GULFCET 01 **Station:** 07-070 **Probe Type:** T-7
Latitude: 27° 29.50' N **Longitude:** 92° 10.00' W **Date:** 25-Apr-1992 **Time:** 1756

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.80	310.00	11.35	610.00	6.66
20.00	23.23	320.00	11.05	620.00	6.59
30.00	21.09	330.00	10.82	630.00	6.48
40.00	20.78	340.00	10.66	640.00	6.37
50.00	20.60	350.00	10.48	650.00	6.31
60.00	20.32	360.00	10.25	660.00	6.24
70.00	19.81	370.00	10.16	670.00	6.18
80.00	19.54	380.00	9.96	680.00	6.05
90.00	19.06	390.00	9.71	690.00	5.97
100.00	18.79	400.00	9.43	700.00	5.92
110.00	17.95	410.00	9.13	710.00	5.85
120.00	17.38	420.00	8.95	720.00	5.83
130.00	16.77	430.00	8.76	730.00	5.77
140.00	16.35	440.00	8.67	740.00	5.72
150.00	15.83	450.00	8.57	750.00	5.71
160.00	15.47	460.00	8.38	760.00	5.65
170.00	15.16	470.00	8.27		
180.00	14.78	480.00	8.10		
190.00	14.53	490.00	7.94		
200.00	14.13	500.00	7.80		
210.00	13.74	510.00	7.69		
220.00	13.40	520.00	7.62		
230.00	13.22	530.00	7.47		
240.00	13.01	540.00	7.35		
250.00	12.68	550.00	7.29		
260.00	12.46	560.00	7.16		
270.00	12.29	570.00	6.99		
280.00	12.13	580.00	6.87		
290.00	11.73	590.00	6.81		
300.00	11.53	600.00	6.73		

Cruise: GULFCET 01 **Station:** 07-071 **Probe Type:** T-7
Latitude: 27° 26.50' N **Longitude:** 92° 10.00' W **Date:** 25-Apr-1992 **Time:** 1832

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.66	310.00	11.12	610.00	6.55
20.00	22.84	320.00	10.72	620.00	6.45
30.00	20.72	330.00	10.43	630.00	6.39
40.00	20.77	340.00	10.34	640.00	6.32
50.00	20.43	350.00	10.22	650.00	6.32
60.00	20.16	360.00	10.02	660.00	6.22
70.00	19.71	370.00	9.76	670.00	6.06
80.00	19.41	380.00	9.58	680.00	5.96
90.00	18.92	390.00	9.46	690.00	5.87
100.00	18.18	400.00	9.38	700.00	5.84
110.00	17.98	410.00	9.18	710.00	5.77
120.00	17.65	420.00	9.02	720.00	5.68
130.00	16.73	430.00	8.80	730.00	5.57
140.00	16.03	440.00	8.54	740.00	5.52
150.00	15.61	450.00	8.40		
160.00	15.18	460.00	8.27		
170.00	14.90	470.00	8.13		
180.00	14.45	480.00	7.98		
190.00	14.17	490.00	7.91		
200.00	13.80	500.00	7.81		
210.00	13.52	510.00	7.63		
220.00	13.20	520.00	7.47		
230.00	12.91	530.00	7.40		
240.00	12.69	540.00	7.29		
250.00	12.41	550.00	7.16		
260.00	12.16	560.00	7.06		
270.00	11.90	570.00	7.02		
280.00	11.66	580.00	6.88		
290.00	11.48	590.00	6.74		
300.00	11.33	600.00	6.67		

Cruise: GULFCET 01 **Station:** 07-072 **Probe Type:** T-7
Latitude: 27° 10.03' N **Longitude:** 92° 10.06' W **Date:** 25-Apr-1992 **Time:** 2221

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.64	310.00	9.67
20.00	22.39	320.00	9.62
30.00	21.05	330.00	9.35
40.00	20.85	340.00	9.09
50.00	20.66	350.00	8.88
60.00	20.48	360.00	8.74
70.00	20.29	370.00	8.56
80.00	20.06	380.00	8.39
90.00	19.63	390.00	8.16
100.00	19.23	400.00	8.02
110.00	18.24	410.00	7.99
120.00	17.14	420.00	7.83
130.00	16.00	430.00	7.65
140.00	15.56	440.00	7.55
150.00	14.81	450.00	7.50
160.00	14.23	460.00	7.41
170.00	13.74	470.00	7.22
180.00	13.44	480.00	7.18
190.00	12.98	490.00	7.08
200.00	12.60	500.00	7.03
210.00	12.22	510.00	6.84
220.00	12.00	520.00	6.77
230.00	11.79	530.00	6.72
240.00	11.47	540.00	6.65
250.00	11.21	550.00	6.55
260.00	10.91	560.00	6.52
270.00	10.76	570.00	6.48
280.00	10.46		
290.00	10.23		
300.00	9.95		

Cruise: GULFCET 01 **Station:** 07-073 **Probe Type:** T-7
Latitude: 26° 46.00' N **Longitude:** 92° 10.00' W **Date:** 26-Apr-1992 **Time:** 0208

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.51	310.00	10.26	610.00	6.43
20.00	23.15	320.00	10.11	620.00	6.29
30.00	21.31	330.00	9.85	630.00	6.28
40.00	20.94	340.00	9.69	640.00	6.26
50.00	20.69	350.00	9.49	650.00	6.20
60.00	20.59	360.00	9.24	660.00	6.11
70.00	20.45	370.00	9.08	670.00	6.04
80.00	20.20	380.00	8.89	680.00	6.01
90.00	19.80	390.00	8.66	690.00	5.96
100.00	19.48	400.00	8.56	700.00	5.87
110.00	18.46	410.00	8.45	710.00	5.80
120.00	17.68	420.00	8.36	720.00	5.75
130.00	16.81	430.00	8.20	730.00	5.74
140.00	16.21	440.00	8.08	740.00	5.70
150.00	15.59	450.00	8.03	750.00	5.62
160.00	15.10	460.00	7.85	760.00	5.58
170.00	14.65	470.00	7.67		
180.00	14.16	480.00	7.54		
190.00	13.76	490.00	7.44		
200.00	13.29	500.00	7.36		
210.00	12.90	510.00	7.25		
220.00	12.62	520.00	7.16		
230.00	12.37	530.00	7.06		
240.00	12.07	540.00	6.89		
250.00	11.66	550.00	6.83		
260.00	11.38	560.00	6.75		
270.00	11.03	570.00	6.63		
280.00	10.85	580.00	6.61		
290.00	10.66	590.00	6.51		
300.00	10.51	600.00	6.48		

Cruise: GULFCET 01 **Station:** 07-074 **Probe Type:** T-7
Latitude: 26° 35.00' N **Longitude:** 92° 10.00' W **Date:** 26-Apr-1992 **Time:** 0356

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	24.38	310.00	11.86	610.00	6.99
20.00	24.10	320.00	11.57	620.00	6.85
30.00	23.81	330.00	11.28	630.00	6.78
40.00	21.53	340.00	11.07	640.00	6.72
50.00	21.07	350.00	10.89	650.00	6.64
60.00	20.54	360.00	10.66	660.00	6.55
70.00	20.39	370.00	10.54	670.00	6.50
80.00	19.87	380.00	10.27	680.00	6.47
90.00	19.56	390.00	10.09	690.00	6.35
100.00	19.16	400.00	9.94	700.00	6.31
110.00	19.00	410.00	9.69	710.00	6.24
120.00	18.40	420.00	9.53	720.00	6.19
130.00	17.98	430.00	9.30	730.00	6.09
140.00	17.63	440.00	9.13	740.00	6.02
150.00	17.34	450.00	8.99	750.00	5.98
160.00	16.68	460.00	8.86	760.00	5.93
170.00	16.17	470.00	8.66		
180.00	15.69	480.00	8.50		
190.00	15.32	490.00	8.37		
200.00	15.06	500.00	8.24		
210.00	14.77	510.00	8.12		
220.00	14.23	520.00	7.99		
230.00	13.87	530.00	7.84		
240.00	13.70	540.00	7.73		
250.00	13.44	550.00	7.61		
260.00	13.12	560.00	7.44		
270.00	12.92	570.00	7.32		
280.00	12.67	580.00	7.21		
290.00	12.47	590.00	7.14		
300.00	12.19	600.00	7.08		

Cruise: GULFCET 01 **Station:** 08-077 **Probe Type:** T-7
Latitude: 27° 06.42' N **Longitude:** 91° 30.00' W **Date:** 26-Apr-1992 **Time:** 1741

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.31	310.00	11.43	610.00	7.04
20.00	22.39	320.00	11.20	620.00	6.92
30.00	21.41	330.00	10.98	630.00	6.86
40.00	21.01	340.00	10.84	640.00	6.81
50.00	20.97	350.00	10.59	650.00	6.66
60.00	20.54	360.00	10.47	660.00	6.53
70.00	20.00	370.00	10.39	670.00	6.48
80.00	19.79	380.00	10.28	680.00	6.38
90.00	19.16	390.00	10.07	690.00	6.33
100.00	19.04	400.00	9.87	700.00	6.26
110.00	18.52	410.00	9.69	710.00	6.17
120.00	18.08	420.00	9.51	720.00	6.11
130.00	17.40	430.00	9.23	730.00	6.09
140.00	16.93	440.00	9.10	740.00	6.03
150.00	16.46	450.00	8.95	750.00	5.98
160.00	15.88	460.00	8.82	760.00	5.95
170.00	15.39	470.00	8.64		
180.00	15.08	480.00	8.51		
190.00	14.91	490.00	8.41		
200.00	14.49	500.00	8.29		
210.00	14.05	510.00	8.15		
220.00	13.64	520.00	8.05		
230.00	13.30	530.00	7.88		
240.00	13.11	540.00	7.77		
250.00	12.80	550.00	7.66		
260.00	12.58	560.00	7.49		
270.00	12.35	570.00	7.37		
280.00	12.10	580.00	7.35		
290.00	11.90	590.00	7.27		
300.00	11.72	600.00	7.17		

Cruise: GULFCET 01 **Station:** 08-078 **Probe Type:** T-7
Latitude: 27° 11.00' N **Longitude:** 91° 30.00' W **Date:** 26-Apr-1992 **Time:** 1830

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.32	310.00	11.49	610.00	7.12
20.00	22.86	320.00	11.20	620.00	7.03
30.00	21.14	330.00	11.02	630.00	6.94
40.00	20.89	340.00	10.88	640.00	6.88
50.00	20.62	350.00	10.66	650.00	6.79
60.00	20.30	360.00	10.58	660.00	6.65
70.00	19.86	370.00	10.44	670.00	6.57
80.00	19.38	380.00	10.29	680.00	6.50
90.00	19.05	390.00	10.16	690.00	6.39
100.00	18.83	400.00	9.89	700.00	6.35
110.00	18.41	410.00	9.65	710.00	6.30
120.00	17.82	420.00	9.57	720.00	6.25
130.00	17.42	430.00	9.32	730.00	6.19
140.00	16.78	440.00	9.23	740.00	6.14
150.00	16.42	450.00	8.95	750.00	6.08
160.00	15.87	460.00	8.86	760.00	6.01
170.00	15.69	470.00	8.74		
180.00	15.41	480.00	8.58		
190.00	15.09	490.00	8.38		
200.00	14.78	500.00	8.20		
210.00	14.28	510.00	8.13		
220.00	13.92	520.00	8.02		
230.00	13.65	530.00	7.89		
240.00	13.45	540.00	7.72		
250.00	13.19	550.00	7.68		
260.00	12.88	560.00	7.55		
270.00	12.51	570.00	7.48		
280.00	12.23	580.00	7.44		
290.00	11.99	590.00	7.34		
300.00	11.78	600.00	7.19		

Cruise: GULFCET 01 **Station:** 08-079 **Probe Type:** T-7
Latitude: 27° 22.99' N **Longitude:** 91° 29.98' W **Date:** 26-Apr-1992 **Time:** 2023

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.32	310.00	11.67	610.00	6.87
20.00	22.99	320.00	11.43	620.00	6.70
30.00	21.14	330.00	11.13	630.00	6.59
40.00	20.93	340.00	10.92	640.00	6.48
50.00	20.59	350.00	10.72	650.00	6.41
60.00	20.22	360.00	10.51	660.00	6.34
70.00	20.01	370.00	10.27	670.00	6.28
80.00	19.65	380.00	10.09	680.00	6.21
90.00	19.06	390.00	9.98	690.00	6.15
100.00	18.76	400.00	9.88	700.00	6.07
110.00	18.45	410.00	9.72	710.00	6.02
120.00	18.03	420.00	9.50	720.00	5.95
130.00	17.49	430.00	9.41	730.00	5.90
140.00	16.82	440.00	9.28	740.00	5.85
150.00	16.47	450.00	9.12	750.00	5.80
160.00	16.00	460.00	9.05	760.00	5.71
170.00	15.58	470.00	8.93		
180.00	15.17	480.00	8.79		
190.00	14.70	490.00	8.55		
200.00	14.42	500.00	8.35		
210.00	14.17	510.00	8.27		
220.00	13.77	520.00	8.14		
230.00	13.40	530.00	7.89		
240.00	12.99	540.00	7.74		
250.00	12.83	550.00	7.59		
260.00	12.57	560.00	7.50		
270.00	12.43	570.00	7.38		
280.00	12.18	580.00	7.20		
290.00	12.04	590.00	7.08		
300.00	11.85	600.00	6.98		

Cruise: GULFCET 01 **Station:** 08-081 **Probe Type:** T-7
Latitude: 27° 33.00' N **Longitude:** 91° 30.00' W **Date:** 26-Apr-1992 **Time:** 2159

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.12	310.00	11.45	610.00	6.97
20.00	23.07	320.00	11.27	620.00	6.85
30.00	21.92	330.00	11.06	630.00	6.77
40.00	21.14	340.00	10.84	640.00	6.73
50.00	20.95	350.00	10.66	650.00	6.66
60.00	20.67	360.00	10.55	660.00	6.58
70.00	20.42	370.00	10.23	670.00	6.49
80.00	20.27	380.00	9.83	680.00	6.41
90.00	20.05	390.00	9.62	690.00	6.25
100.00	19.61	400.00	9.49	700.00	6.23
110.00	18.62	410.00	9.35	710.00	6.15
120.00	18.05	420.00	9.21	720.00	6.12
130.00	17.63	430.00	9.10	730.00	6.07
140.00	17.20	440.00	8.92	740.00	6.00
150.00	16.61	450.00	8.67	750.00	5.93
160.00	16.22	460.00	8.55	760.00	5.87
170.00	15.65	470.00	8.49		
180.00	15.34	480.00	8.21		
190.00	14.82	490.00	8.14		
200.00	14.46	500.00	8.02		
210.00	14.14	510.00	7.94		
220.00	13.78	520.00	7.90		
230.00	13.47	530.00	7.81		
240.00	13.15	540.00	7.74		
250.00	12.89	550.00	7.62		
260.00	12.74	560.00	7.52		
270.00	12.49	570.00	7.41		
280.00	12.27	580.00	7.28		
290.00	12.02	590.00	7.14		
300.00	11.78	600.00	7.04		

Cruise: GULFCET 01 **Station:** 08-082 **Probe Type:** T-7
Latitude: 27° 45.51' N **Longitude:** 91° 29.99' W **Date:** 27-Apr-1992 **Time:** 0003

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.67	310.00	11.64	610.00	6.84
20.00	22.67	320.00	11.39	620.00	6.82
30.00	22.09	330.00	11.15	630.00	6.67
40.00	21.18	340.00	10.99	640.00	6.50
50.00	20.91	350.00	10.74	650.00	6.47
60.00	20.78	360.00	10.59	660.00	6.45
70.00	20.67	370.00	10.33	670.00	6.41
80.00	20.55	380.00	10.12	680.00	6.38
90.00	20.20	390.00	9.98	690.00	6.35
100.00	19.83	400.00	9.64	700.00	6.26
110.00	19.37	410.00	9.53	710.00	6.24
120.00	19.01	420.00	9.26	720.00	6.18
130.00	18.36	430.00	8.98		
140.00	17.44	440.00	8.75		
150.00	16.81	450.00	8.54		
160.00	16.18	460.00	8.45		
170.00	15.75	470.00	8.19		
180.00	15.45	480.00	8.11		
190.00	15.08	490.00	7.92		
200.00	14.81	500.00	7.69		
210.00	14.49	510.00	7.51		
220.00	14.14	520.00	7.44		
230.00	13.87	530.00	7.38		
240.00	13.58	540.00	7.33		
250.00	13.35	550.00	7.18		
260.00	13.04	560.00	7.13		
270.00	12.78	570.00	7.05		
280.00	12.50	580.00	7.00		
290.00	12.30	590.00	6.92		
300.00	11.91	600.00	6.92		

Cruise: GULFCET 01 **Station:** 08-083 **Probe Type:** T-7
Latitude: 27° 49.58' N **Longitude:** 91° 29.97' W **Date:** 27-Apr-1992 **Time:** 0042

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.39	310.00	11.30
20.00	22.37	320.00	10.92
30.00	22.17	330.00	10.55
40.00	21.07	340.00	10.19
50.00	20.92	350.00	9.98
60.00	20.78		
70.00	20.70		
80.00	20.51		
90.00	20.22		
100.00	19.89		
110.00	19.26		
120.00	18.50		
130.00	17.94		
140.00	17.32		
150.00	16.97		
160.00	16.52		
170.00	16.20		
180.00	15.82		
190.00	15.33		
200.00	15.09		
210.00	14.89		
220.00	14.53		
230.00	14.33		
240.00	13.91		
250.00	13.12		
260.00	12.99		
270.00	12.78		
280.00	12.59		
290.00	12.36		
300.00	11.91		

Cruise: GULFCET 01 **Station:** 08-084 **Probe Type:** T-7
Latitude: 27° 52.02' N **Longitude:** 91° 30.00' W **Date:** 27-Apr-1992 **Time:** 0107

Depth (m)	Temp. (°C)
10.00	22.37
20.00	22.35
30.00	22.30
40.00	21.06
50.00	20.88
60.00	20.75
70.00	20.69
80.00	20.62
90.00	20.38
100.00	20.02
110.00	19.65
120.00	18.42
130.00	17.97
140.00	17.78
150.00	17.43
160.00	16.95
170.00	16.45
180.00	16.20
190.00	15.98
200.00	15.53
210.00	15.31
220.00	14.70
230.00	14.13
240.00	12.97

Cruise: GULFCET 01 **Station:** 08-085 **Probe Type:** T-10
Latitude: 27° 52.99' N **Longitude:** 91° 30.01' W **Date:** 27-Apr-1992 **Time:** 0116

Depth (m)	Temp. (°C)
10.00	22.41
20.00	22.39
30.00	22.13
40.00	21.10
50.00	20.87
60.00	20.76
70.00	20.69
80.00	20.59
90.00	20.44
100.00	20.04
110.00	19.67
120.00	19.07
130.00	18.59
140.00	17.94
150.00	17.37
160.00	17.01
170.00	16.89
180.00	16.14
190.00	15.97

Cruise: GULFCET 01 **Station:** 09-089 **Probe Type:** T-7
Latitude: 28° 00.03' N **Longitude:** 90° 50.02' W **Date:** 27-Apr-1992 **Time:** 0958

Depth (m)	Temp. (°C)
10.00	23.32
20.00	23.29
30.00	23.06
40.00	22.08
50.00	21.29
60.00	21.11
70.00	20.68
80.00	20.42
90.00	19.82
100.00	19.53
110.00	18.89
120.00	18.31
130.00	17.68
140.00	16.91
150.00	16.46
160.00	15.97
170.00	15.46
180.00	14.96
190.00	14.71
200.00	14.57
210.00	14.38
220.00	13.87
230.00	13.34
240.00	13.09
250.00	12.62
260.00	12.38
270.00	12.06
280.00	11.64
290.00	11.28
300.00	11.09

Cruise: GULFCET 01 **Station:** 09-090 **Probe Type:** T-7
Latitude: 27° 51.95' N **Longitude:** 90° 49.99' W **Date:** 27-Apr-1992 **Time:** 1110

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.77	310.00	11.43
20.00	22.77	320.00	11.16
30.00	22.76	330.00	10.91
40.00	21.76	340.00	10.64
50.00	20.96	350.00	10.48
60.00	20.66	360.00	10.35
70.00	20.48	370.00	9.95
80.00	20.16	380.00	9.48
90.00	19.39	390.00	9.19
100.00	18.78	400.00	8.99
110.00	18.44	410.00	8.96
120.00	18.16	420.00	8.87
130.00	17.74	430.00	8.65
140.00	17.25		
150.00	16.89		
160.00	16.42		
170.00	15.93		
180.00	15.56		
190.00	15.22		
200.00	14.74		
210.00	14.42		
220.00	13.94		
230.00	13.72		
240.00	13.56		
250.00	13.07		
260.00	12.68		
270.00	12.57		
280.00	12.43		
290.00	12.06		
300.00	11.59		

Cruise: GULFCET 01 **Station:** 09-091 **Probe Type:** T-7
Latitude: 27° 45.68' N **Longitude:** 90° 49.93' W **Date:** 27-Apr-1992 **Time:** 1208

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.61	310.00	11.06	610.00	6.51
20.00	22.54	320.00	10.77	620.00	6.46
30.00	22.49	330.00	10.56	630.00	6.36
40.00	20.99	340.00	10.24	640.00	6.35
50.00	20.46	350.00	9.95	650.00	6.25
60.00	20.04	360.00	9.72	660.00	6.23
70.00	19.66	370.00	9.62	670.00	6.14
80.00	19.19	380.00	9.33	680.00	6.07
90.00	18.98	390.00	9.29	690.00	5.94
100.00	18.67	400.00	9.14	700.00	5.83
110.00	17.99	410.00	8.96		
120.00	17.32	420.00	8.89		
130.00	17.01	430.00	8.42		
140.00	16.43	440.00	8.32		
150.00	16.10	450.00	8.14		
160.00	15.79	460.00	7.99		
170.00	15.51	470.00	7.82		
180.00	15.03	480.00	7.55		
190.00	14.77	490.00	7.47		
200.00	14.35	500.00	7.43		
210.00	14.01	510.00	7.35		
220.00	13.63	520.00	7.30		
230.00	13.38	530.00	7.21		
240.00	12.99	540.00	7.19		
250.00	12.88	550.00	7.10		
260.00	12.36	560.00	7.06		
270.00	12.20	570.00	6.94		
280.00	11.84	580.00	6.92		
290.00	11.57	590.00	6.79		
300.00	11.31	600.00	6.70		

Cruise: GULFCET 01 **Station:** 09-092 **Probe Type:** T-7
Latitude: 27° 39.51' N **Longitude:** 90° 49.99' W **Date:** 27-Apr-1992 **Time:** 1304

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.91	310.00	11.12	610.00	6.51
20.00	22.86	320.00	10.93	620.00	6.42
30.00	22.76	330.00	10.70	630.00	6.37
40.00	21.40	340.00	10.50	640.00	6.31
50.00	20.90	350.00	10.29	650.00	6.27
60.00	20.47	360.00	10.01	660.00	6.22
70.00	20.39	370.00	9.84	670.00	6.12
80.00	19.68	380.00	9.61	680.00	6.02
90.00	19.40	390.00	9.54	690.00	5.97
100.00	18.86	400.00	9.34	700.00	5.94
110.00	18.33	410.00	9.19	710.00	5.88
120.00	17.81	420.00	9.05	720.00	5.84
130.00	17.39	430.00	8.84	730.00	5.77
140.00	16.92	440.00	8.78	740.00	5.75
150.00	16.52	450.00	8.59	750.00	5.70
160.00	16.16	460.00	8.46		
170.00	15.64	470.00	8.25		
180.00	15.30	480.00	8.14		
190.00	15.06	490.00	8.00		
200.00	14.74	500.00	7.84		
210.00	14.42	510.00	7.67		
220.00	14.04	520.00	7.53		
230.00	13.69	530.00	7.41		
240.00	13.36	540.00	7.29		
250.00	12.98	550.00	7.24		
260.00	12.64	560.00	7.11		
270.00	12.33	570.00	7.05		
280.00	11.99	580.00	6.84		
290.00	11.72	590.00	6.73		
300.00	11.49	600.00	6.62		

Cruise: GULFCET 01 **Station:** 09-094 **Probe Type:** T-7
Latitude: 27° 16.00' N **Longitude:** 90° 50.00' W **Date:** 27-Apr-1992 **Time:** 1715

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.20	310.00	11.79	610.00	6.82
20.00	23.14	320.00	11.59	620.00	6.67
30.00	22.31	330.00	11.32	630.00	6.54
40.00	21.83	340.00	11.04	640.00	6.41
50.00	21.23	350.00	10.79	650.00	6.34
60.00	20.92	360.00	10.66	660.00	6.26
70.00	20.57	370.00	10.48	670.00	6.18
80.00	20.28	380.00	10.32	680.00	6.11
90.00	19.93	390.00	10.10	690.00	6.06
100.00	19.44	400.00	9.94	700.00	6.00
110.00	18.81	410.00	9.83	710.00	5.94
120.00	18.43	420.00	9.62	720.00	5.88
130.00	17.78	430.00	9.48	730.00	5.80
140.00	17.27	440.00	9.23	740.00	5.77
150.00	16.89	450.00	9.13	750.00	5.72
160.00	16.33	460.00	8.92	760.00	5.66
170.00	15.81	470.00	8.78		
180.00	15.53	480.00	8.61		
190.00	15.07	490.00	8.42		
200.00	14.71	500.00	8.33		
210.00	14.45	510.00	8.22		
220.00	14.17	520.00	8.07		
230.00	13.93	530.00	7.97		
240.00	13.62	540.00	7.79		
250.00	13.24	550.00	7.62		
260.00	13.08	560.00	7.49		
270.00	12.76	570.00	7.30		
280.00	12.48	580.00	7.20		
290.00	12.25	590.00	7.04		
300.00	12.11	600.00	6.90		

Cruise: GULFCET 01 **Station:** 09-095 **Probe Type:** T-7
Latitude: 26° 47.50' N **Longitude:** 90° 49.90' W **Date:** 27-Apr-1992 **Time:**

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.03	310.00	11.56	610.00	6.99
20.00	23.06	320.00	11.34	620.00	6.89
30.00	22.68	330.00	11.16	630.00	6.74
40.00	21.64	340.00	10.94	640.00	6.63
50.00	20.99	350.00	10.82	650.00	6.58
60.00	20.68	360.00	10.66	660.00	6.50
70.00	20.43	370.00	10.50	670.00	6.41
80.00	20.05	380.00	10.33	680.00	6.36
90.00	19.68	390.00	10.17	690.00	6.30
100.00	19.31	400.00	10.03	700.00	6.21
110.00	18.70	410.00	9.83	710.00	6.16
120.00	18.21	420.00	9.69	720.00	6.08
130.00	17.51	430.00	9.59	730.00	6.01
140.00	16.95	440.00	9.33	740.00	5.94
150.00	16.70	450.00	9.20		
160.00	16.50	460.00	9.01		
170.00	16.12	470.00	8.85		
180.00	15.55	480.00	8.72		
190.00	15.29	490.00	8.55		
200.00	14.78	500.00	8.23		
210.00	14.41	510.00	8.00		
220.00	14.25	520.00	7.95		
230.00	13.81	530.00	7.80		
240.00	13.42	540.00	7.76		
250.00	13.17	550.00	7.60		
260.00	12.94	560.00	7.46		
270.00	12.68	570.00	7.34		
280.00	12.29	580.00	7.25		
290.00	12.05	590.00	7.14		
300.00	11.84	600.00	7.05		

Cruise: GULFCET 01 **Station:** 10-097 **Probe Type:** T-7
Latitude: 27° 09.97' N **Longitude:** 90° 09.97' W **Date:** 28-Apr-1992 **Time:** 0346

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.44	310.00	11.38	610.00	6.84
20.00	23.42	320.00	11.19	620.00	6.72
30.00	23.39	330.00	10.94	630.00	6.63
40.00	22.48	340.00	10.70	640.00	6.55
50.00	21.86	350.00	10.62	650.00	6.43
60.00	21.40	360.00	10.38	660.00	6.35
70.00	20.63	370.00	10.16	670.00	6.30
80.00	20.01	380.00	10.07	680.00	6.22
90.00	19.44	390.00	9.99	690.00	6.14
100.00	18.58	400.00	9.72	700.00	6.08
110.00	17.97	410.00	9.53	710.00	6.03
120.00	17.62	420.00	9.37	720.00	5.94
130.00	17.20	430.00	9.22	730.00	5.85
140.00	16.77	440.00	9.09	740.00	5.81
150.00	16.23	450.00	8.89	750.00	5.76
160.00	15.80	460.00	8.70	760.00	5.70
170.00	15.44	470.00	8.56		
180.00	15.02	480.00	8.39		
190.00	14.60	490.00	8.27		
200.00	14.22	500.00	8.12		
210.00	13.88	510.00	8.06		
220.00	13.41	520.00	7.91		
230.00	13.14	530.00	7.81		
240.00	12.91	540.00	7.68		
250.00	12.71	550.00	7.60		
260.00	12.48	560.00	7.49		
270.00	12.31	570.00	7.33		
280.00	12.00	580.00	7.18		
290.00	11.82	590.00	7.09		
300.00	11.56	600.00	6.97		

Cruise: GULFCET 01 **Station:** 10-098 **Probe Type:** T-7
Latitude: 27° 11.53' N **Longitude:** 90° 10.12' W **Date:** 28-Apr-1992 **Time:** 0401

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.45	310.00	11.48	610.00	6.88
20.00	23.43	320.00	11.26	620.00	6.81
30.00	23.44	330.00	11.09	630.00	6.64
40.00	22.70	340.00	10.86	640.00	6.58
50.00	21.92	350.00	10.64	650.00	6.43
60.00	21.21	360.00	10.52	660.00	6.34
70.00	20.88	370.00	10.41	670.00	6.24
80.00	20.67	380.00	10.17	680.00	6.20
90.00	19.97	390.00	10.01	690.00	6.18
100.00	19.26	400.00	9.72	700.00	6.14
110.00	18.17	410.00	9.61	710.00	6.09
120.00	17.69	420.00	9.45	720.00	6.03
130.00	17.34	430.00	9.39	730.00	5.95
140.00	16.78	440.00	9.18	740.00	5.87
150.00	16.35	450.00	9.10	750.00	5.83
160.00	15.89	460.00	9.00	760.00	5.78
170.00	15.53	470.00	8.79		
180.00	15.13	480.00	8.59		
190.00	14.82	490.00	8.42		
200.00	14.59	500.00	8.28		
210.00	14.34	510.00	8.12		
220.00	13.92	520.00	7.96		
230.00	13.68	530.00	7.83		
240.00	13.36	540.00	7.69		
250.00	13.05	550.00	7.49		
260.00	12.76	560.00	7.39		
270.00	12.59	570.00	7.30		
280.00	12.35	580.00	7.19		
290.00	12.13	590.00	7.08		
300.00	11.84	600.00	6.97		

Cruise: GULFCET 01 **Station:** 10-099 **Probe Type:** T-7
Latitude: 27° 39.98' N **Longitude:** 90° 10.05' W **Date:** 28-Apr-1992 **Time:** 0849

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.33	310.00	11.40	610.00	6.64
20.00	23.34	320.00	11.16	620.00	6.55
30.00	22.85	330.00	10.98	630.00	6.46
40.00	21.49	340.00	10.76	640.00	6.40
50.00	20.64	350.00	10.58	650.00	6.31
60.00	20.53	360.00	10.42	660.00	6.25
70.00	20.27	370.00	10.20	670.00	6.11
80.00	20.25	380.00	9.87	680.00	6.07
90.00	19.88	390.00	9.70	690.00	6.01
100.00	19.20	400.00	9.48	700.00	5.95
110.00	18.28	410.00	9.24	710.00	5.92
120.00	17.61	420.00	9.14	720.00	5.86
130.00	17.13	430.00	9.02	730.00	5.82
140.00	16.63	440.00	8.80	740.00	5.77
150.00	16.33	450.00	8.62	750.00	5.68
160.00	15.70	460.00	8.48	760.00	5.65
170.00	15.29	470.00	8.34		
180.00	14.88	480.00	8.19		
190.00	14.45	490.00	8.06		
200.00	14.26	500.00	7.96		
210.00	13.89	510.00	7.80		
220.00	13.50	520.00	7.62		
230.00	13.31	530.00	7.51		
240.00	13.02	540.00	7.33		
250.00	12.85	550.00	7.28		
260.00	12.52	560.00	7.16		
270.00	12.30	570.00	7.08		
280.00	12.17	580.00	6.96		
290.00	11.83	590.00	6.86		
300.00	11.64	600.00	6.78		

Cruise: GULFCET 01 **Station:** 10-101 **Probe Type:** T-7
Latitude: 27° 50.60' N **Longitude:** 90° 09.93' W **Date:** 28-Apr-1992 **Time:** 1023

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.45	310.00	11.12	610.00	6.50
20.00	23.46	320.00	10.96	620.00	6.45
30.00	23.44	330.00	10.78	630.00	6.35
40.00	22.69	340.00	10.49	640.00	6.33
50.00	21.71	350.00	10.32	650.00	6.23
60.00	20.90	360.00	10.05	660.00	6.14
70.00	20.54	370.00	9.90	670.00	6.09
80.00	20.24	380.00	9.70	680.00	6.02
90.00	19.73	390.00	9.44	690.00	5.93
100.00	19.48	400.00	9.21	700.00	5.84
110.00	18.64	410.00	8.96	710.00	5.79
120.00	17.66	420.00	8.79	720.00	5.74
130.00	17.15	430.00	8.61	730.00	5.72
140.00	16.70	440.00	8.36	740.00	5.72
150.00	16.32	450.00	8.20	750.00	5.70
160.00	15.94	460.00	8.10		
170.00	15.61	470.00	8.00		
180.00	15.11	480.00	7.92		
190.00	14.72	490.00	7.73		
200.00	14.23	500.00	7.53		
210.00	13.88	510.00	7.45		
220.00	13.53	520.00	7.30		
230.00	13.16	530.00	7.20		
240.00	12.86	540.00	7.05		
250.00	12.51	550.00	6.98		
260.00	12.31	560.00	6.90		
270.00	12.14	570.00	6.82		
280.00	11.88	580.00	6.70		
290.00	11.64	590.00	6.65		
300.00	11.37	600.00	6.59		

Cruise: GULFCET 01 **Station:** 10-102 **Probe Type:** T-7
Latitude: 27° 02.02' N **Longitude:** 90° 10.04' W **Date:** 28-Apr-1992 **Time:** 1211

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.12	310.00	11.20
20.00	23.15	320.00	10.91
30.00	23.09	330.00	10.73
40.00	22.66	340.00	10.44
50.00	21.72	350.00	10.29
60.00	21.46	360.00	9.96
70.00	20.85	370.00	9.76
80.00	20.29	380.00	9.25
90.00	19.57	390.00	8.91
100.00	18.70	400.00	8.79
110.00	18.13	410.00	8.61
120.00	17.75	420.00	8.33
130.00	17.48	430.00	8.13
140.00	16.97	440.00	8.03
150.00	16.51	450.00	8.01
160.00	16.07	460.00	7.94
170.00	15.63	470.00	7.76
180.00	15.38	480.00	7.72
190.00	14.92		
200.00	14.37		
210.00	13.84		
220.00	13.46		
230.00	13.27		
240.00	13.12		
250.00	12.82		
260.00	12.57		
270.00	12.09		
280.00	11.62		
290.00	11.50		
300.00	11.43		

Cruise: GULFCET 01 **Station:** 10-103 **Probe Type:** T-7
Latitude: 28° 04.01' N **Longitude:** 90° 10.03' W **Date:** 28-Apr-1992 **Time:** 1228

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.19	310.00	11.13
20.00	23.18	320.00	10.08
30.00	23.12	330.00	9.69
40.00	22.96	340.00	9.45
50.00	21.90	350.00	9.37
60.00	21.35		
70.00	20.58		
80.00	20.41		
90.00	19.93		
100.00	19.16		
110.00	18.57		
120.00	17.88		
130.00	17.32		
140.00	16.86		
150.00	16.37		
160.00	16.06		
170.00	15.57		
180.00	15.04		
190.00	14.87		
200.00	14.53		
210.00	14.20		
220.00	13.52		
230.00	13.32		
240.00	13.09		
250.00	12.87		
260.00	12.67		
270.00	12.40		
280.00	12.08		
290.00	11.93		
300.00	11.57		

Cruise: GULFCET 01 **Station:** 10-104 **Probe Type:** T-7
Latitude: 28° 09.49' N **Longitude:** 90° 09.99' W **Date:** 28-Apr-1992 **Time:** 1315

Depth (m)	Temp. (°C)
10.00	23.12
20.00	23.11
30.00	23.05
40.00	23.01
50.00	22.01
60.00	21.28
70.00	20.82
80.00	20.47
90.00	20.11
100.00	19.80
110.00	19.02
120.00	18.54
130.00	17.91
140.00	17.61
150.00	16.37
160.00	15.14
170.00	14.50

Cruise: GULFCET 01 **Station:** 10-105 **Probe Type:** T-7
Latitude: 28° 16.49' N **Longitude:** 90° 09.91' W **Date:** 28-Apr-1992 **Time:** 1413

Depth (m)	Temp. (°C)
10.00	22.98
20.00	22.88
30.00	22.85
40.00	22.84
50.00	22.80
60.00	21.26
70.00	20.69
80.00	20.40
90.00	19.20

Cruise: GULFCET 01 **Station:** 11-106 **Probe Type:** T-7
Latitude: 28° 45.00' N **Longitude:** 89° 29.83' W **Date:** 28-Apr-1992 **Time:** 1909

Depth (m)	Temp. (°C)
10.00	22.99
20.00	22.99
30.00	22.90
40.00	22.82
50.00	22.58
60.00	22.11
70.00	20.72
80.00	19.66
90.00	18.92

Cruise: GULFCET 01 **Station:** 11-107 **Probe Type:** T-7
Latitude: 28° 36.00' N **Longitude:** 89° 30.04' W **Date:** 28-Apr-1992 **Time:** 2033

Depth (m)	Temp. (°C)
10.00	22.99
20.00	23.11
30.00	23.21
40.00	22.72
50.00	21.77
60.00	21.42
70.00	21.13
80.00	20.79
90.00	20.61
100.00	20.52
110.00	20.41
120.00	19.67
130.00	18.60
140.00	15.55
150.00	13.47

Cruise: GULFCET 01 **Station:** 11-108 **Probe Type:** T-7
Latitude: 28° 31.98' N **Longitude:** 89° 30.03' W **Date:** 28-Apr-1992 **Time:** 2112

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.64	310.00	12.01
20.00	23.62	320.00	11.50
30.00	23.60	330.00	10.99
40.00	22.85	340.00	10.73
50.00	22.03		
60.00	21.25		
70.00	20.99		
80.00	21.37		
90.00	22.05		
100.00	22.54		
110.00	22.25		
120.00	21.94		
130.00	20.80		
140.00	20.80		
150.00	20.58		
160.00	19.98		
170.00	19.27		
180.00	18.35		
190.00	17.42		
200.00	16.74		
210.00	15.97		
220.00	15.37		
230.00	14.66		
240.00	14.37		
250.00	13.93		
260.00	13.46		
270.00	13.18		
280.00	12.76		
290.00	12.40		
300.00	12.17		

Cruise: GULFCET 01 **Station:** 11-109 **Probe Type:** T-7
Latitude: 28° 28.00' N **Longitude:** 89° 30.07' W **Date:** 28-Apr-1992 **Time:** 2149

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.63	310.00	10.61
20.00	23.57	320.00	10.38
30.00	23.61	330.00	10.24
40.00	23.52	340.00	9.95
50.00	22.02	350.00	9.80
60.00	21.06	360.00	9.60
70.00	20.47	370.00	9.50
80.00	19.94	380.00	9.29
90.00	19.34	390.00	9.18
100.00	18.71	400.00	9.04
110.00	18.17	410.00	8.94
120.00	17.59	420.00	8.68
130.00	17.08	430.00	8.40
140.00	16.62	440.00	8.12
150.00	16.23	450.00	8.08
160.00	15.91	460.00	7.97
170.00	15.60	470.00	7.86
180.00	15.11	480.00	7.63
190.00	14.64	490.00	7.47
200.00	14.22	500.00	7.35
210.00	14.01	510.00	7.26
220.00	13.76	520.00	7.16
230.00	13.47	530.00	7.06
240.00	13.08		
250.00	12.89		
260.00	12.48		
270.00	11.99		
280.00	11.60		
290.00	11.33		
300.00	10.85		

Cruise: GULFCET 01 **Station:** 11-110 **Probe Type:** T-7
Latitude: 28° 21.49' N **Longitude:** 89° 30.06' W **Date:** 28-Apr-1992 **Time:** 2249

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.64	310.00	11.28	610.00	6.78
20.00	23.62	320.00	11.07	620.00	6.67
30.00	23.60	330.00	10.72	630.00	6.49
40.00	23.62	340.00	10.59	640.00	6.28
50.00	22.51	350.00	10.42	650.00	6.19
60.00	21.25	360.00	10.18	660.00	6.16
70.00	20.36	370.00	9.99	670.00	6.12
80.00	19.84	380.00	9.80	680.00	6.10
90.00	19.07	390.00	9.65	690.00	6.07
100.00	18.46	400.00	9.47	700.00	5.99
110.00	17.88	410.00	9.20	710.00	5.91
120.00	17.42	420.00	9.01	720.00	5.78
130.00	16.83	430.00	8.79	730.00	5.75
140.00	16.17	440.00	8.69		
150.00	15.86	450.00	8.52		
160.00	15.46	460.00	8.35		
170.00	15.10	470.00	8.22		
180.00	14.94	480.00	8.08		
190.00	14.53	490.00	7.90		
200.00	14.31	500.00	7.94		
210.00	13.97	510.00	7.85		
220.00	13.64	520.00	7.76		
230.00	13.37	530.00	7.64		
240.00	13.02	540.00	7.57		
250.00	12.83	550.00	7.44		
260.00	12.60	560.00	7.33		
270.00	12.17	570.00	7.10		
280.00	11.88	580.00	7.05		
290.00	11.70	590.00	6.95		
300.00	11.50	600.00	6.83		

Cruise: GULFCET 01 **Station:** 11-111 **Probe Type:** T-7
Latitude: 28° 15.01' N **Longitude:** 89° 30.02' W **Date:** 28-Apr-1992 **Time:** 2352

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.64	310.00	11.57	610.00	7.11
20.00	23.60	320.00	11.39	620.00	6.98
30.00	23.62	330.00	11.12	630.00	6.79
40.00	23.57	340.00	10.82	640.00	6.70
50.00	22.23	350.00	10.63	650.00	6.57
60.00	21.36	360.00	10.47	660.00	6.51
70.00	20.61	370.00	10.29	670.00	6.44
80.00	19.93	380.00	10.15	680.00	6.39
90.00	19.11	390.00	10.03	690.00	6.36
100.00	18.63	400.00	9.88	700.00	6.23
110.00	17.90	410.00	9.77	710.00	6.18
120.00	17.40	420.00	9.64	720.00	6.14
130.00	16.79	430.00	9.56	730.00	6.05
140.00	16.34	440.00	9.31	740.00	5.92
150.00	15.98	450.00	9.09	750.00	5.80
160.00	15.82	460.00	8.97	760.00	5.68
170.00	15.51	470.00	8.83		
180.00	15.08	480.00	8.61		
190.00	14.72	490.00	8.43		
200.00	14.38	500.00	8.29		
210.00	14.00	510.00	8.17		
220.00	13.83	520.00	8.19		
230.00	13.60	530.00	8.12		
240.00	13.31	540.00	7.96		
250.00	13.07	550.00	7.74		
260.00	12.80	560.00	7.60		
270.00	12.53	570.00	7.50		
280.00	12.23	580.00	7.43		
290.00	11.94	590.00	7.34		
300.00	11.81	600.00	7.20		

Cruise: GULFCET 01 **Station:** 11-112 **Probe Type:** T-7
Latitude: 28° 06.02' N **Longitude:** 89° 29.98' W **Date:** 29-Apr-1992 **Time:** 0119

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.04	310.00	12.15	610.00	7.58
20.00	23.00	320.00	11.89	620.00	7.31
30.00	23.06	330.00	11.61	630.00	7.15
40.00	23.06	340.00	11.45	640.00	7.08
50.00	22.14	350.00	11.11	650.00	7.03
60.00	21.58	360.00	10.93	660.00	6.97
70.00	21.12	370.00	10.74	670.00	6.92
80.00	20.63	380.00	10.68	680.00	6.86
90.00	20.09	390.00	10.51	690.00	6.83
100.00	19.36	400.00	10.37	700.00	6.80
110.00	18.94	410.00	10.22	710.00	6.74
120.00	18.40	420.00	10.17	720.00	6.64
130.00	18.11	430.00	10.08	730.00	6.58
140.00	17.87	440.00	9.89	740.00	6.55
150.00	17.47	450.00	9.68	750.00	6.53
160.00	16.86	460.00	9.55	760.00	6.44
170.00	16.45	470.00	9.45		
180.00	16.04	480.00	9.40		
190.00	15.78	490.00	9.13		
200.00	15.41	500.00	8.84		
210.00	15.13	510.00	8.68		
220.00	14.97	520.00	8.55		
230.00	14.65	530.00	8.48		
240.00	14.41	540.00	8.44		
250.00	14.04	550.00	8.20		
260.00	13.58	560.00	8.15		
270.00	13.08	570.00	8.02		
280.00	12.81	580.00	7.89		
290.00	12.72	590.00	7.69		
300.00	12.41	600.00	7.64		

Cruise: GULFCET 01 **Station:** 11-113 **Probe Type:** T-7
Latitude: 27° 37.91' N **Longitude:** 89° 30.05' W **Date:** 29-Apr-1992 **Time:** 0535

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.70	310.00	12.11	610.00	7.16
20.00	22.68	320.00	11.99	620.00	7.04
30.00	22.09	330.00	11.74	630.00	6.95
40.00	21.51	340.00	11.44	640.00	6.85
50.00	21.15	350.00	11.28	650.00	6.77
60.00	20.73	360.00	10.97	660.00	6.71
70.00	20.62	370.00	10.55	670.00	6.60
80.00	20.51	380.00	10.32	680.00	6.54
90.00	20.22	390.00	10.18	690.00	6.45
100.00	19.69	400.00	10.02	700.00	6.37
110.00	19.79	410.00	9.94	710.00	6.25
120.00	19.34	420.00	9.85	720.00	6.15
130.00	18.21	430.00	9.70	730.00	6.08
140.00	17.54	440.00	9.58	740.00	6.05
150.00	17.24	450.00	9.51	750.00	5.97
160.00	16.98	460.00	9.26	760.00	5.91
170.00	16.51	470.00	9.05		
180.00	16.17	480.00	8.98		
190.00	15.65	490.00	8.79		
200.00	15.26	500.00	8.50		
210.00	15.02	510.00	8.36		
220.00	14.49	520.00	8.20		
230.00	14.20	530.00	8.13		
240.00	13.93	540.00	7.99		
250.00	13.70	550.00	7.80		
260.00	13.36	560.00	7.67		
270.00	13.15	570.00	7.47		
280.00	12.86	580.00	7.49		
290.00	12.55	590.00	7.37		
300.00	12.28	600.00	7.29		

Cruise: GULFCET 01 **Station:** 11-114 **Probe Type:** T-7
Latitude: 27° 27.99' N **Longitude:** 89° 30.01' W **Date:** 29-Apr-1992 **Time:** 0706

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.57	310.00	12.30	610.00	7.10
20.00	23.52	320.00	12.06	620.00	6.99
30.00	22.32	330.00	11.81	630.00	6.82
40.00	21.41	340.00	11.72	640.00	6.72
50.00	21.01	350.00	11.45	650.00	6.69
60.00	20.81	360.00	11.12	660.00	6.65
70.00	20.64	370.00	10.80	670.00	6.59
80.00	20.58	380.00	10.61	680.00	6.49
90.00	20.48	390.00	10.33	690.00	6.37
100.00	20.21	400.00	10.10	700.00	6.29
110.00	19.67	410.00	9.91	710.00	6.22
120.00	19.11	420.00	9.71	720.00	6.13
130.00	18.48	430.00	9.43	730.00	6.09
140.00	17.76	440.00	9.26	740.00	6.01
150.00	17.26	450.00	9.11	750.00	5.95
160.00	16.82	460.00	8.90	760.00	5.90
170.00	16.48	470.00	8.74		
180.00	15.89	480.00	8.60		
190.00	15.57	490.00	8.49		
200.00	15.22	500.00	8.32		
210.00	14.86	510.00	8.22		
220.00	14.53	520.00	8.09		
230.00	14.21	530.00	7.97		
240.00	13.87	540.00	7.82		
250.00	13.50	550.00	7.76		
260.00	13.20	560.00	7.70		
270.00	12.93	570.00	7.53		
280.00	12.73	580.00	7.38		
290.00	12.64	590.00	7.31		
300.00	12.46	600.00	7.16		

Cruise: GULFCET 01 **Station:** 12-116 **Probe Type:** T-7
Latitude: 27° 26.08' N **Longitude:** 88° 49.99' W **Date:** 29-Apr-1992 **Time:** 1125

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.22	310.00	12.27	610.00	7.04
20.00	22.18	320.00	12.02	620.00	6.96
30.00	21.57	330.00	11.84	630.00	6.85
40.00	20.77	340.00	11.61	640.00	6.75
50.00	20.89	350.00	11.46	650.00	6.69
60.00	20.57	360.00	11.26	660.00	6.64
70.00	20.30	370.00	11.00	670.00	6.57
80.00	20.18	380.00	10.83	680.00	6.49
90.00	19.89	390.00	10.55	690.00	6.40
100.00	19.86	400.00	10.35	700.00	6.37
110.00	19.54	410.00	10.01	710.00	6.31
120.00	19.14	420.00	9.82	720.00	6.22
130.00	18.55	430.00	9.62	730.00	6.18
140.00	17.87	440.00	9.47	740.00	6.11
150.00	17.43	450.00	9.26	750.00	6.06
160.00	17.01	460.00	9.12	760.00	6.01
170.00	16.54	470.00	8.99		
180.00	16.14	480.00	8.89		
190.00	15.67	490.00	8.75		
200.00	15.42	500.00	8.56		
210.00	15.12	510.00	8.40		
220.00	14.77	520.00	8.23		
230.00	14.37	530.00	8.11		
240.00	14.07	540.00	7.97		
250.00	13.74	550.00	7.86		
260.00	13.49	560.00	7.75		
270.00	13.29	570.00	7.57		
280.00	13.14	580.00	7.47		
290.00	12.76	590.00	7.28		
300.00	12.54	600.00	7.15		

Cruise: GULFCET 01 **Station:** 12-117 **Probe Type:** T-7
Latitude: 27° 46.03' N **Longitude:** 88° 50.03' W **Date:** 29-Apr-1992 **Time:** 1419

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.05	310.00	12.93	610.00	7.48
20.00	22.95	320.00	12.71	620.00	7.39
30.00	22.93	330.00	12.38	630.00	7.31
40.00	21.85	340.00	12.11	640.00	7.21
50.00	21.79	350.00	11.87	650.00	7.15
60.00	21.68	360.00	11.66	660.00	7.06
70.00	21.07	370.00	11.42	670.00	6.95
80.00	20.93	380.00	11.16	680.00	6.82
90.00	20.40	390.00	10.83	690.00	6.71
100.00	20.34	400.00	10.67	700.00	6.62
110.00	20.07	410.00	10.52	710.00	6.57
120.00	19.60	420.00	10.41	720.00	6.49
130.00	19.16	430.00	10.22	730.00	6.45
140.00	18.75	440.00	10.04	740.00	6.35
150.00	18.34	450.00	9.90	750.00	6.30
160.00	17.86	460.00	9.82	760.00	6.22
170.00	17.47	470.00	9.62		
180.00	16.97	480.00	9.44		
190.00	16.57	490.00	9.29		
200.00	16.25	500.00	9.05		
210.00	15.89	510.00	8.82		
220.00	15.57	520.00	8.64		
230.00	15.36	530.00	8.44		
240.00	15.03	540.00	8.33		
250.00	14.67	550.00	8.18		
260.00	14.31	560.00	8.03		
270.00	14.09	570.00	7.92		
280.00	13.78	580.00	7.81		
290.00	13.40	590.00	7.74		
300.00	13.13	600.00	7.63		

Cruise: GULFCET 01 **Station:** 12-120 **Probe Type:** T-7
Latitude: 28° 43.50' N **Longitude:** 88° 49.93' W **Date:** 29-Apr-1992 **Time:** 2307

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.70	310.00	11.99	610.00	6.37
20.00	22.73	320.00	11.73	620.00	6.12
30.00	22.74	330.00	11.41	630.00	6.04
40.00	22.55	340.00	11.14	640.00	5.93
50.00	21.44	350.00	10.91	650.00	5.90
60.00	20.82	360.00	10.67	660.00	5.79
70.00	20.65	370.00	10.48	670.00	5.76
80.00	20.32	380.00	10.29	680.00	5.70
90.00	20.17	390.00	10.07	690.00	5.70
100.00	20.07	400.00	9.87	700.00	5.65
110.00	19.47	410.00	9.72	710.00	5.58
120.00	18.59	420.00	9.56	720.00	5.57
130.00	18.09	430.00	9.40	730.00	5.51
140.00	17.43	440.00	9.17	740.00	5.52
150.00	16.83	450.00	8.94	750.00	5.46
160.00	16.46	460.00	8.80		
170.00	16.05	470.00	8.62		
180.00	15.71	480.00	8.49		
190.00	15.38	490.00	8.31		
200.00	15.08	500.00	8.19		
210.00	14.85	510.00	8.05		
220.00	14.55	520.00	8.00		
230.00	14.35	530.00	7.91		
240.00	14.14	540.00	7.93		
250.00	13.72	550.00	7.55		
260.00	13.46	560.00	7.34		
270.00	13.24	570.00	7.05		
280.00	12.89	580.00	6.72		
290.00	12.65	590.00	6.59		
300.00	12.28	600.00	6.45		

Cruise: GULFCET 01 **Station:** 12-122 **Probe Type:** T-7
Latitude: 28° 53.02' N **Longitude:** 88° 49.99' W **Date:** 30-Apr-1992 **Time:** 0038

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.27	310.00	11.36
20.00	23.30	320.00	11.20
30.00	23.26	330.00	11.01
40.00	23.14	340.00	10.53
50.00	22.23	350.00	10.47
60.00	21.20	360.00	10.18
70.00	20.69	370.00	9.93
80.00	20.49	380.00	9.87
90.00	20.26	390.00	9.45
100.00	19.21	400.00	9.05
110.00	18.40	410.00	8.85
120.00	17.87		
130.00	17.47		
140.00	17.08		
150.00	16.33		
160.00	15.77		
170.00	15.37		
180.00	15.03		
190.00	14.76		
200.00	14.44		
210.00	14.18		
220.00	13.81		
230.00	13.41		
240.00	13.14		
250.00	12.92		
260.00	12.63		
270.00	12.23		
280.00	11.98		
290.00	11.67		
300.00	11.46		

Cruise: GULFCET 01 **Station:** 12-125 **Probe Type:** T-7
Latitude: 29° 06.51' N **Longitude:** 88° 50.01' W **Date:** 30-Apr-1992 **Time:** 0250

Depth (m)	Temp. (°C)
10.00	21.34
20.00	22.96
30.00	22.26
40.00	20.87
50.00	20.63
60.00	20.47
70.00	19.51
80.00	18.51

Cruise: GULFCET 01 **Station:** 13-126 **Probe Type:** T-7
Latitude: 29° 16.50' N **Longitude:** 88° 10.00' W **Date:** 30-Apr-1992 **Time:** 0650

Depth (m)	Temp. (°C)
10.00	20.99
20.00	21.56
30.00	21.26
40.00	22.56
50.00	22.13
60.00	21.39
70.00	20.67
80.00	20.42
90.00	19.99

Cruise: GULFCET 01 **Station:** 13-131 **Probe Type:** T-7
Latitude: 29° 02.37' N **Longitude:** 88° 09.98' W **Date:** 30-Apr-1992 **Time:** 1038

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.68	310.00	11.75	610.00	6.44
20.00	22.67	320.00	11.53	620.00	6.42
30.00	22.78	330.00	11.27	630.00	6.35
40.00	22.81	340.00	11.06	640.00	6.28
50.00	22.61	350.00	10.97	650.00	6.24
60.00	21.79	360.00	10.65	660.00	6.16
70.00	21.30	370.00	10.48	670.00	6.16
80.00	20.94	380.00	10.06	680.00	6.14
90.00	20.35	390.00	9.68	690.00	6.09
100.00	19.74	400.00	9.48	700.00	6.09
110.00	19.09	410.00	9.29	710.00	6.05
120.00	18.33	420.00	9.04	720.00	5.98
130.00	17.93	430.00	8.91	730.00	5.93
140.00	17.43	440.00	8.66	740.00	5.84
150.00	16.94	450.00	8.56	750.00	5.82
160.00	16.50	460.00	8.41	760.00	5.76
170.00	16.09	470.00	8.04		
180.00	15.77	480.00	7.99		
190.00	15.37	490.00	7.78		
200.00	15.01	500.00	7.71		
210.00	14.70	510.00	7.34		
220.00	14.23	520.00	7.27		
230.00	13.93	530.00	7.11		
240.00	13.54	540.00	7.04		
250.00	13.19	550.00	6.98		
260.00	12.98	560.00	6.76		
270.00	12.84	570.00	6.74		
280.00	12.41	580.00	6.61		
290.00	12.15	590.00	6.56		
300.00	11.92	600.00	6.47		

Cruise: GULFCET 01 **Station:** 13-134 **Probe Type:** T-7
Latitude: 28° 37.04' N **Longitude:** 88° 09.99' W **Date:** 30-Apr-1992 **Time:** 1424

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.87	310.00	13.34	610.00	7.55
20.00	22.82	320.00	13.05	620.00	7.47
30.00	22.80	330.00	12.85	630.00	7.34
40.00	22.78	340.00	12.65	640.00	7.21
50.00	22.72	350.00	12.30	650.00	7.05
60.00	22.16	360.00	12.02	660.00	6.97
70.00	21.28	370.00	11.75	670.00	6.81
80.00	20.99	380.00	11.62	680.00	6.70
90.00	21.17	390.00	11.51	690.00	6.60
100.00	20.87	400.00	11.21	700.00	6.51
110.00	20.33	410.00	10.99	710.00	6.43
120.00	20.22	420.00	10.79	720.00	6.37
130.00	19.67	430.00	10.56	730.00	6.28
140.00	19.13	440.00	10.35	740.00	6.16
150.00	18.59	450.00	10.20	750.00	6.13
160.00	18.19	460.00	9.93	760.00	6.03
170.00	17.84	470.00	9.82		
180.00	17.53	480.00	9.54		
190.00	17.21	490.00	9.26		
200.00	16.81	500.00	9.06		
210.00	16.31	510.00	8.94		
220.00	16.02	520.00	8.79		
230.00	15.77	530.00	8.65		
240.00	15.43	540.00	8.42		
250.00	15.19	550.00	8.29		
260.00	14.87	560.00	8.17		
270.00	14.62	570.00	8.03		
280.00	14.22	580.00	7.89		
290.00	14.00	590.00	7.78		
300.00	13.63	600.00	7.70		

Cruise: GULFCET 01 **Station:** 14-135 **Probe Type:** T-7
Latitude: 28° 31.06' N **Longitude:** 87° 29.91' W **Date:** 30-Apr-1992 **Time:** 1805

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	23.06	310.00	12.45
20.00	22.73	320.00	12.19
30.00	22.69	330.00	11.87
40.00	21.98	340.00	11.61
50.00	21.30	350.00	11.23
60.00	21.12	360.00	11.01
70.00	20.84	370.00	10.84
80.00	20.65	380.00	10.73
90.00	20.37	390.00	10.59
100.00	20.13	400.00	10.47
110.00	20.00	410.00	10.38
120.00	18.99	420.00	10.16
130.00	18.21	430.00	9.95
140.00	17.70	440.00	9.84
150.00	17.34	450.00	9.66
160.00	17.02	460.00	9.47
170.00	16.41	470.00	9.41
180.00	16.12	480.00	9.24
190.00	15.86	490.00	9.03
200.00	15.65	500.00	8.82
210.00	15.43	510.00	8.69
220.00	15.06	520.00	8.51
230.00	14.67		
240.00	14.25		
250.00	13.93		
260.00	13.77		
270.00	13.53		
280.00	13.25		
290.00	12.92		
300.00	12.63		

Cruise: GULFCET 01 **Station:** 14-138 **Probe Type:** T-7
Latitude: 29° 15.00' N **Longitude:** 87° 30.00' W **Date:** 1-May-1992 **Time:** 0020

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.78	310.00	11.11	610.00	6.84
20.00	22.60	320.00	11.03	620.00	6.78
30.00	22.50	330.00	10.94	630.00	6.68
40.00	22.40	340.00	10.81	640.00	6.55
50.00	21.68	350.00	10.58	650.00	6.49
60.00	21.10	360.00	10.53	660.00	6.42
70.00	20.57	370.00	10.28	670.00	6.27
80.00	20.29	380.00	10.14	680.00	6.19
90.00	20.22	390.00	10.01	690.00	6.10
100.00	19.55	400.00	9.83	700.00	6.06
110.00	19.00	410.00	9.66	710.00	5.95
120.00	18.34	420.00	9.50	720.00	5.92
130.00	17.65	430.00	9.43	730.00	5.91
140.00	17.25	440.00	9.21	740.00	5.84
150.00	16.73	450.00	8.96	750.00	5.81
160.00	16.05	460.00	8.87	760.00	5.80
170.00	15.60	470.00	8.81		
180.00	15.24	480.00	8.68		
190.00	14.85	490.00	8.46		
200.00	14.28	500.00	8.33		
210.00	13.65	510.00	8.20		
220.00	13.37	520.00	8.10		
230.00	13.19	530.00	8.01		
240.00	12.81	540.00	7.92		
250.00	12.58	550.00	7.73		
260.00	12.25	560.00	7.60		
270.00	11.93	570.00	7.47		
280.00	11.75	580.00	7.36		
290.00	11.55	590.00	7.11		
300.00	11.26	600.00	6.93		

Cruise: GULFCET 01 **Station:** 14-140 **Probe Type:** T-7
Latitude: 29° 20.00' N **Longitude:** 87° 30.20' W **Date:** 1-May-1992 **Time:** 0106

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.62	310.00	10.77
20.00	22.64	320.00	10.76
30.00	22.64	330.00	10.72
40.00	22.67	340.00	10.67
50.00	22.00	350.00	10.65
60.00	21.44	360.00	10.60
70.00	20.58	370.00	10.53
80.00	20.25	380.00	10.50
90.00	19.95	390.00	10.19
100.00	18.99	400.00	10.01
110.00	18.63	410.00	9.93
120.00	18.18	420.00	9.94
130.00	17.63	430.00	9.73
140.00	17.12	440.00	9.53
150.00	16.49	450.00	9.13
160.00	15.14		
170.00	14.42		
180.00	13.69		
190.00	13.42		
200.00	13.03		
210.00	12.83		
220.00	12.22		
230.00	11.91		
240.00	11.84		
250.00	11.51		
260.00	11.34		
270.00	11.13		
280.00	11.01		
290.00	10.88		
300.00	10.75		

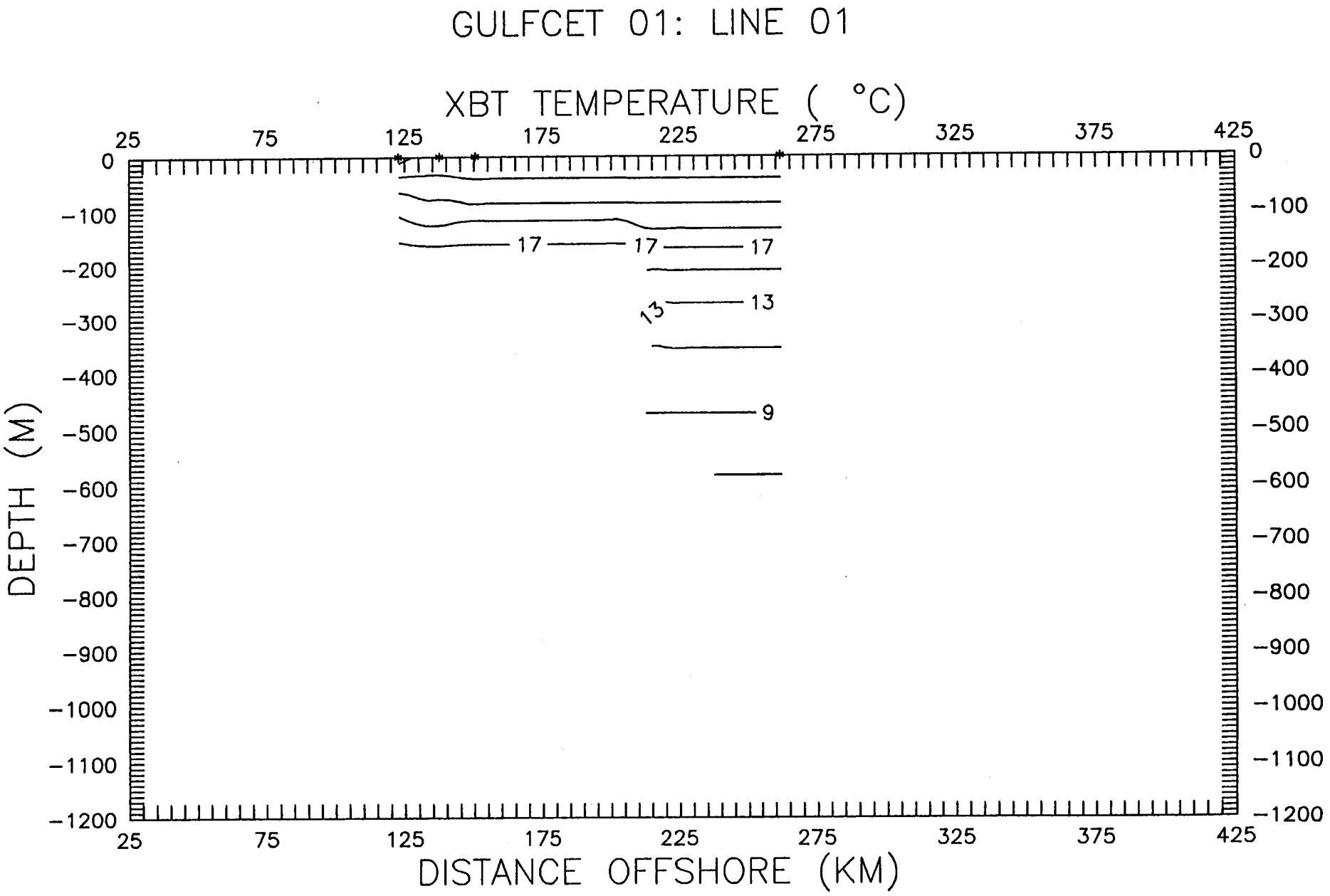
Cruise: GULFCET 01 **Station:** 14-143 **Probe Type:** T-7
Latitude: 29° 27.03' N **Longitude:** 87° 29.80' W **Date:** 1-May-1992 **Time:** 0204

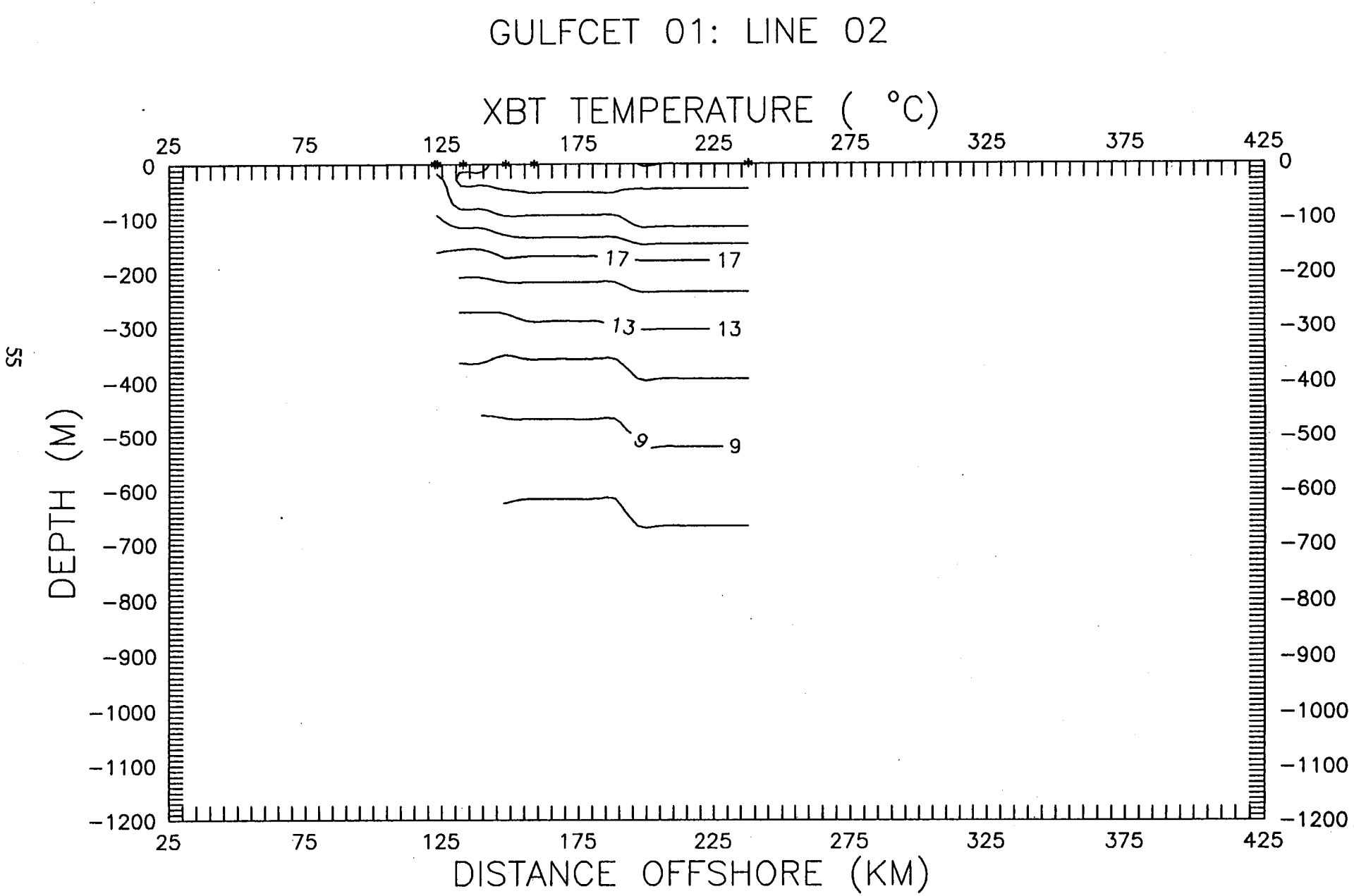
Depth (m)	Temp. (°C)
10.00	21.59
20.00	21.72
30.00	21.25
40.00	21.67
50.00	21.21
60.00	20.50
70.00	20.24
80.00	20.14
90.00	19.62

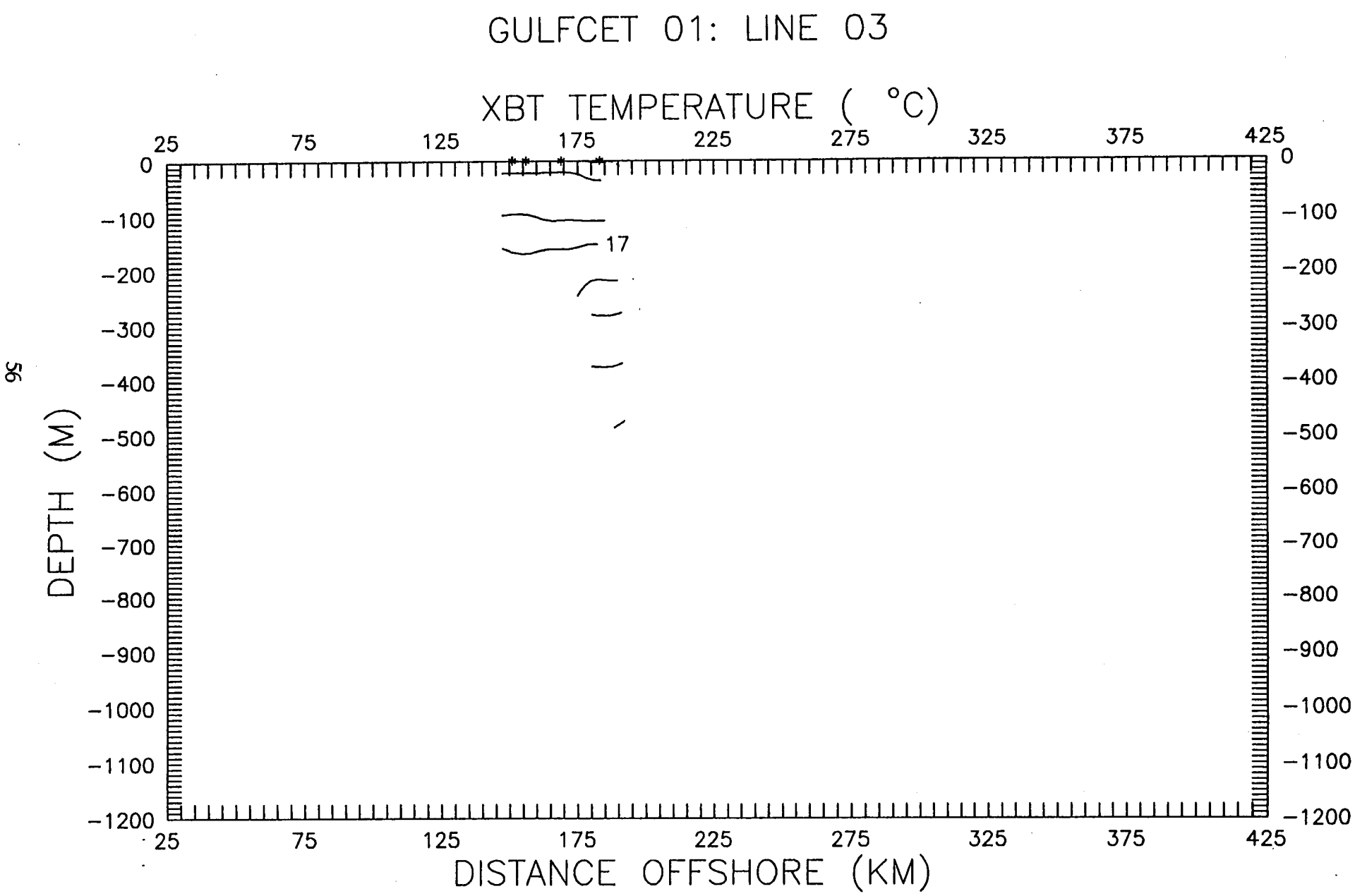
Cruise: GULFCET 01 **Station:** BL-EX2 **Probe Type:** T-7
Latitude: 29° 03.34' N **Longitude:** 88° 07.06' W **Date:** 30-Apr-1992 **Time:** 0853

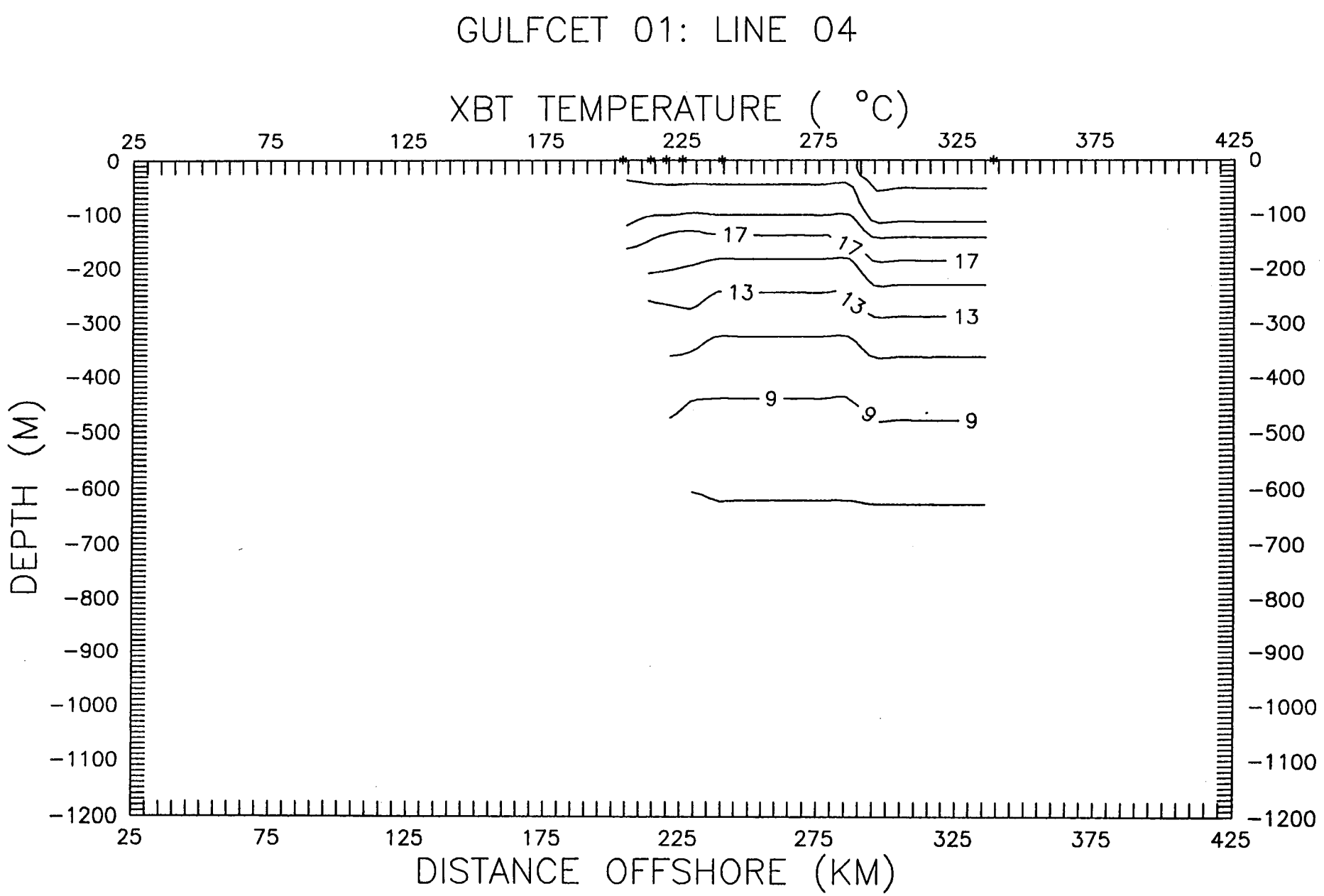
Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
10.00	22.98	310.00	11.74	610.00	6.47
20.00	22.99	320.00	11.38	620.00	6.41
30.00	22.98	330.00	11.03	630.00	6.38
40.00	22.97	340.00	10.70	640.00	6.32
50.00	22.30	350.00	10.28	650.00	6.22
60.00	21.67	360.00	9.98	660.00	6.18
70.00	20.80	370.00	9.65	670.00	6.10
80.00	20.45	380.00	9.40	680.00	6.03
90.00	20.12	390.00	9.28	690.00	5.96
100.00	19.23	400.00	9.21	700.00	5.91
110.00	18.07	410.00	9.10	710.00	5.83
120.00	17.61	420.00	8.73	720.00	5.77
130.00	17.37	430.00	8.49	730.00	5.71
140.00	17.13	440.00	8.30	740.00	5.68
150.00	16.71	450.00	8.31	750.00	5.63
160.00	16.27	460.00	8.08	760.00	5.61
170.00	15.83	470.00	7.86		
180.00	15.37	480.00	7.57		
190.00	15.00	490.00	7.50		
200.00	14.80	500.00	7.27		
210.00	14.65	510.00	7.20		
220.00	14.23	520.00	7.14		
230.00	13.90	530.00	7.11		
240.00	13.59	540.00	6.92		
250.00	13.25	550.00	6.86		
260.00	12.92	560.00	6.78		
270.00	12.70	570.00	6.71		
280.00	12.35	580.00	6.65		
290.00	12.17	590.00	6.62		
300.00	11.93	600.00	6.54		

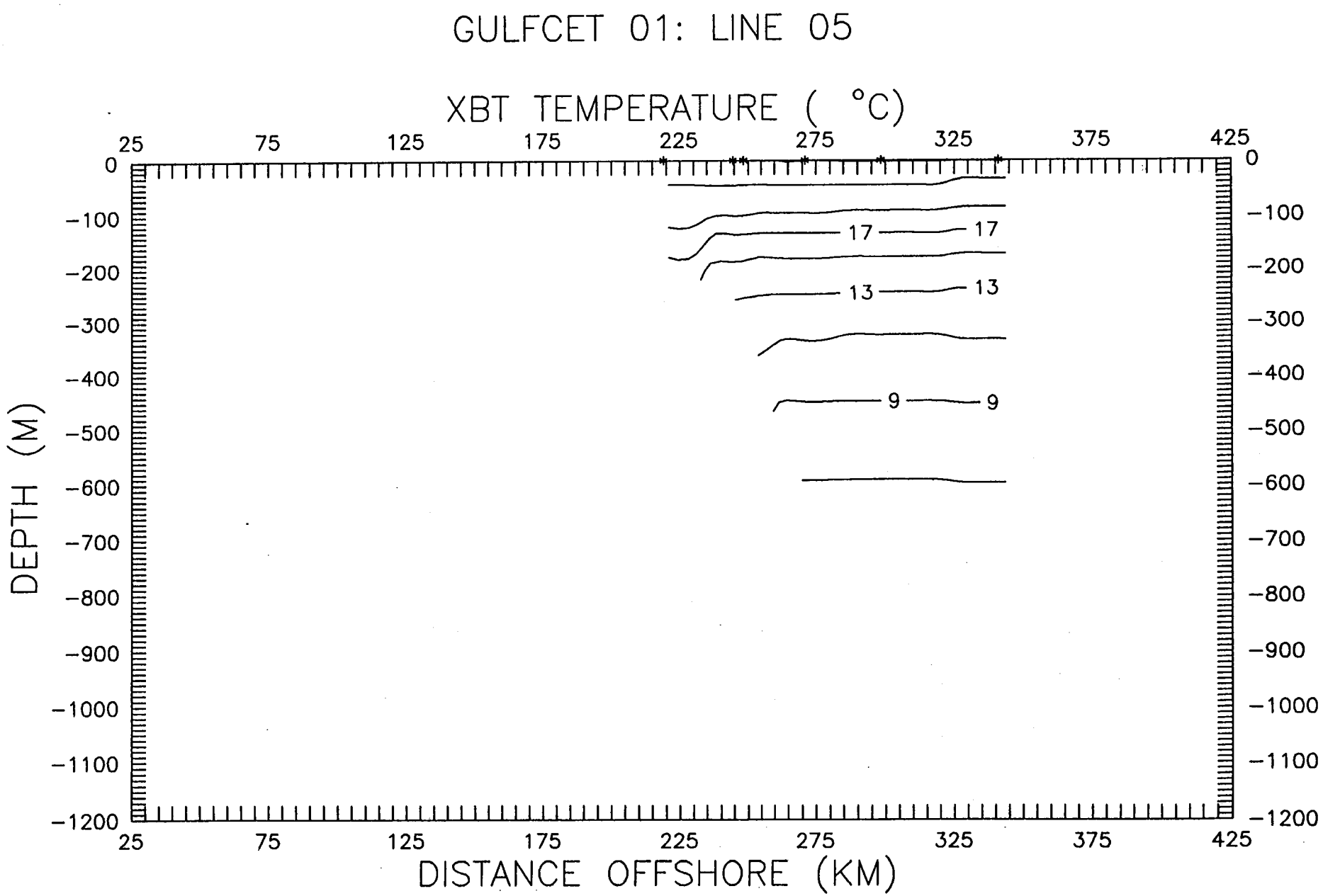
2.3 Analyzed Temperature Data

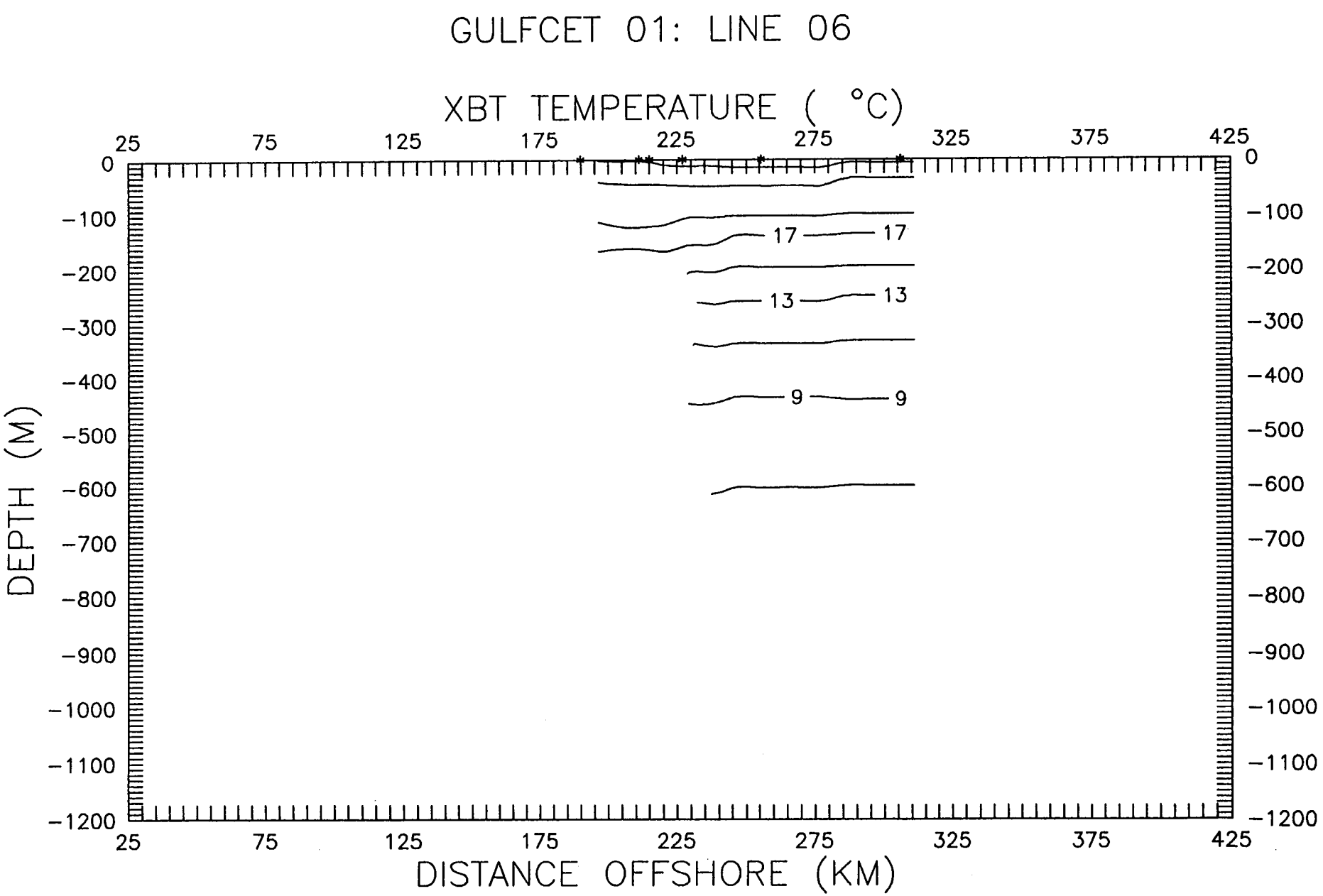

GULFCET 01: LINE 01
XBT TEMPERATURE (°C)
DEPTH (M)
DISTANCE OFFSHORE (KM)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
17
17
13
13
9

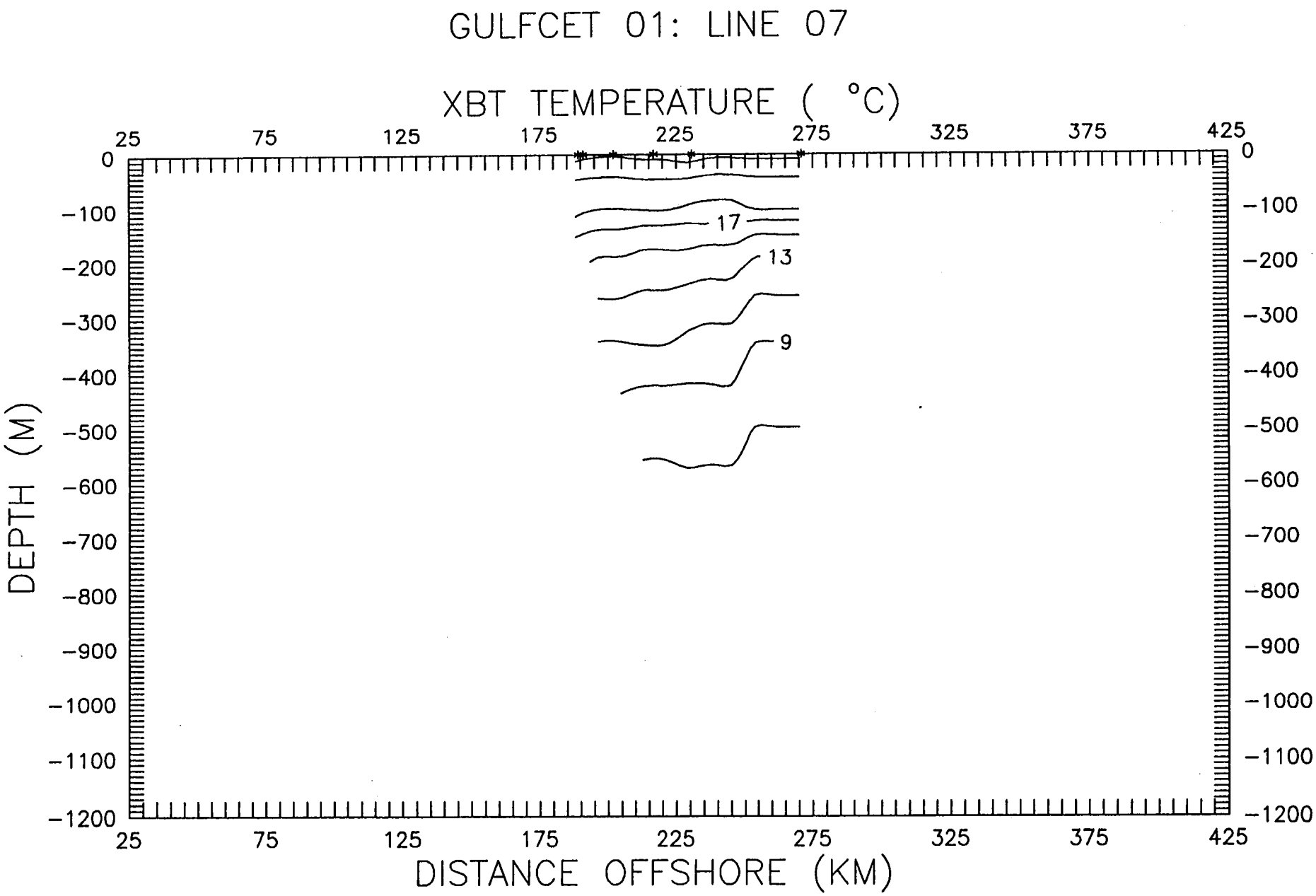

GULFCET 01: LINE 02
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
17
13
13
9
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

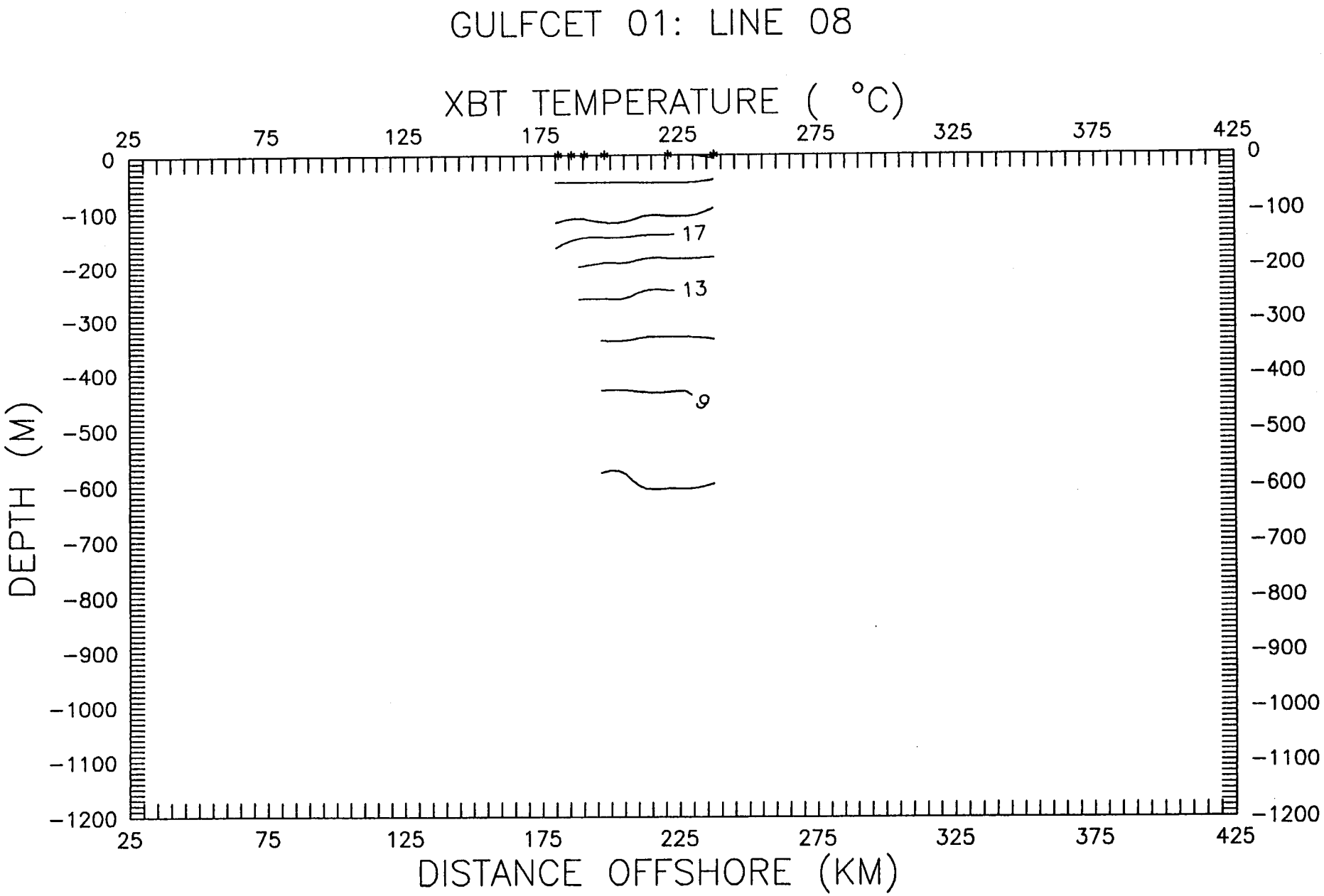

GULFCET 01: LINE 03
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
DEPTH (M)
DISTANCE OFFSHORE (KM)

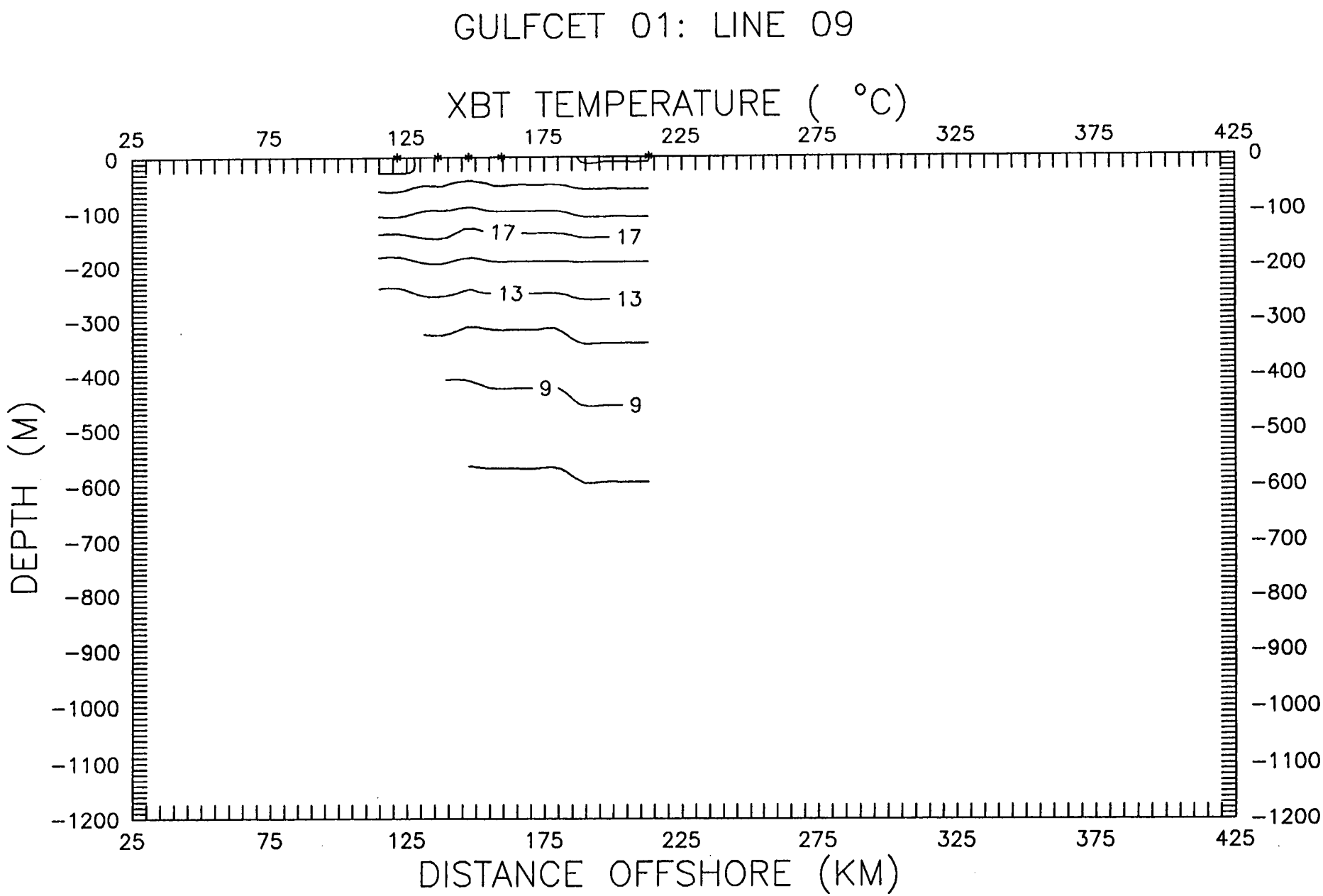

GULFCET 01: LINE 04
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
17
17
13
13
13
9
9
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

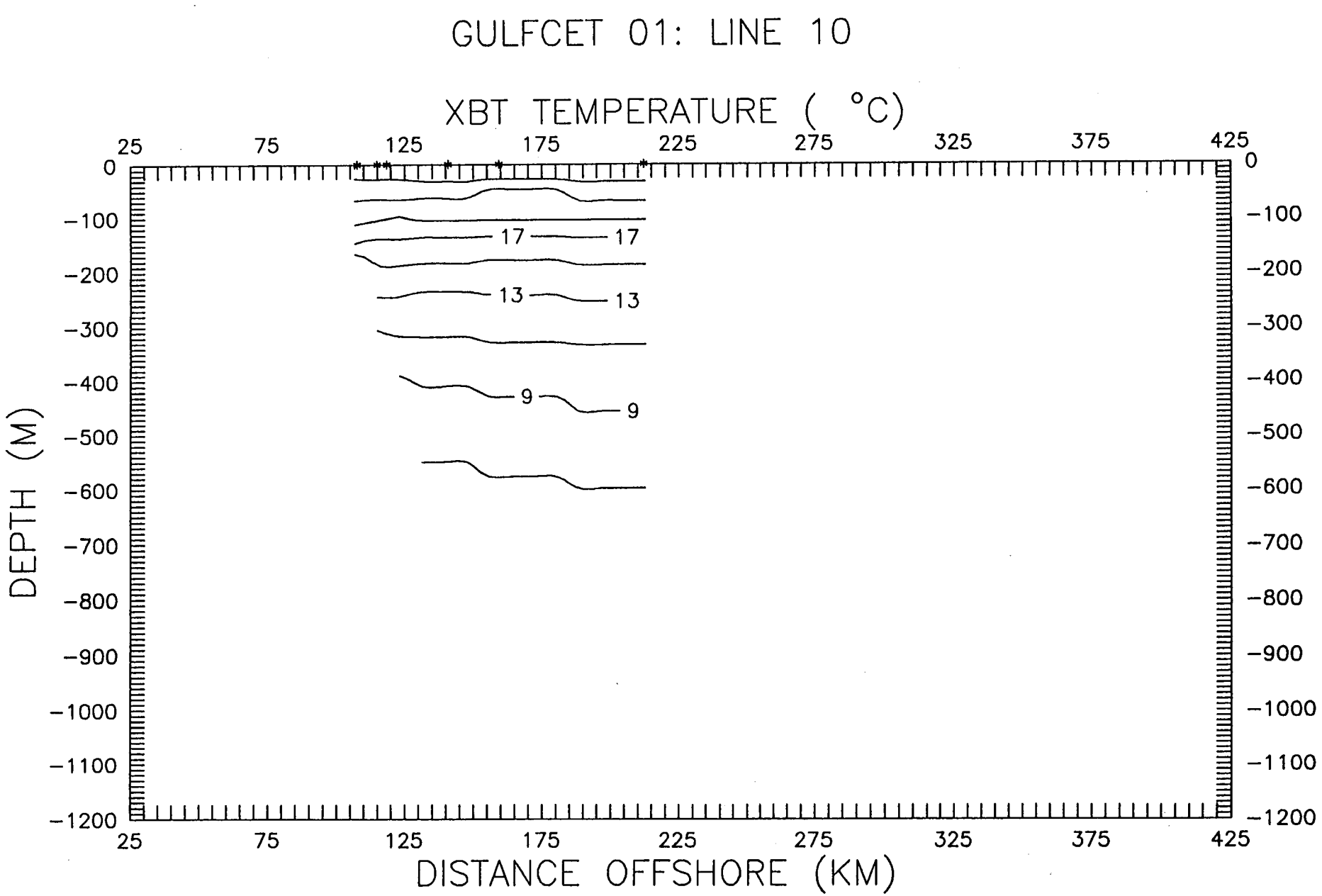

GULFCET 01: LINE 05
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
17
13
13
9
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

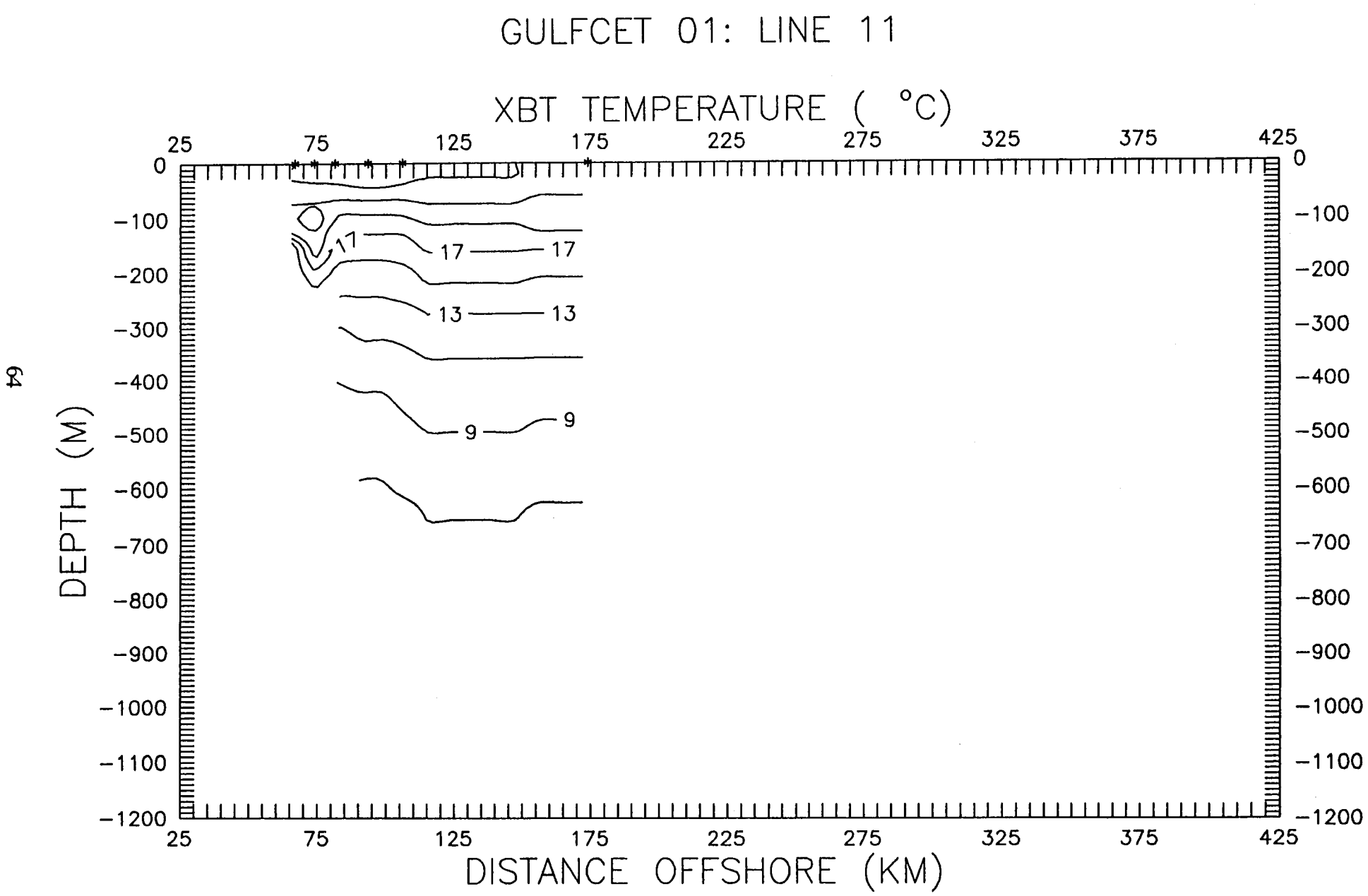

GULFCET 01: LINE 06
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
17
13
13
9
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

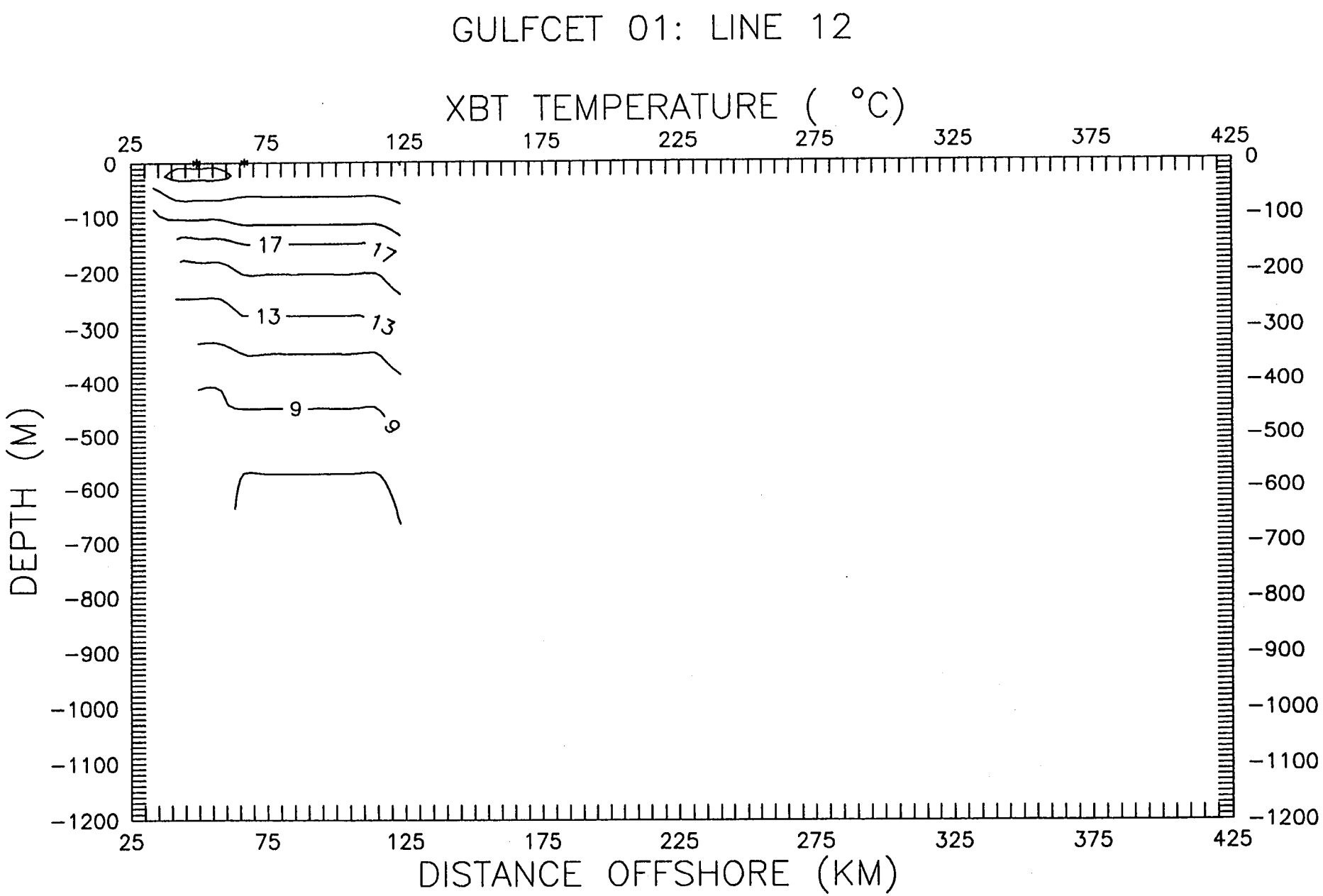

GULFCET 01: LINE 07
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
13
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

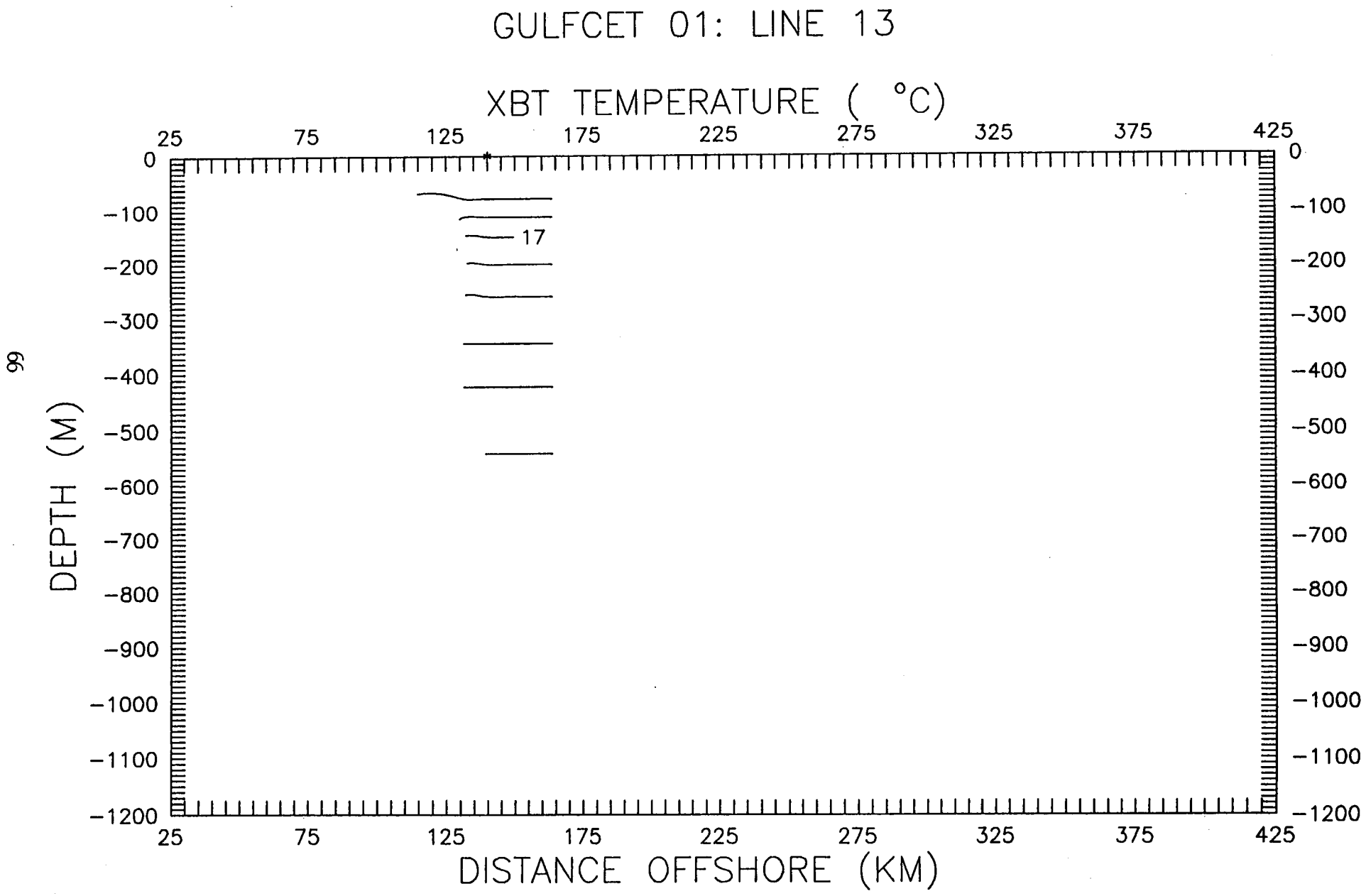

GULFCET 01: LINE 08
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
13
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

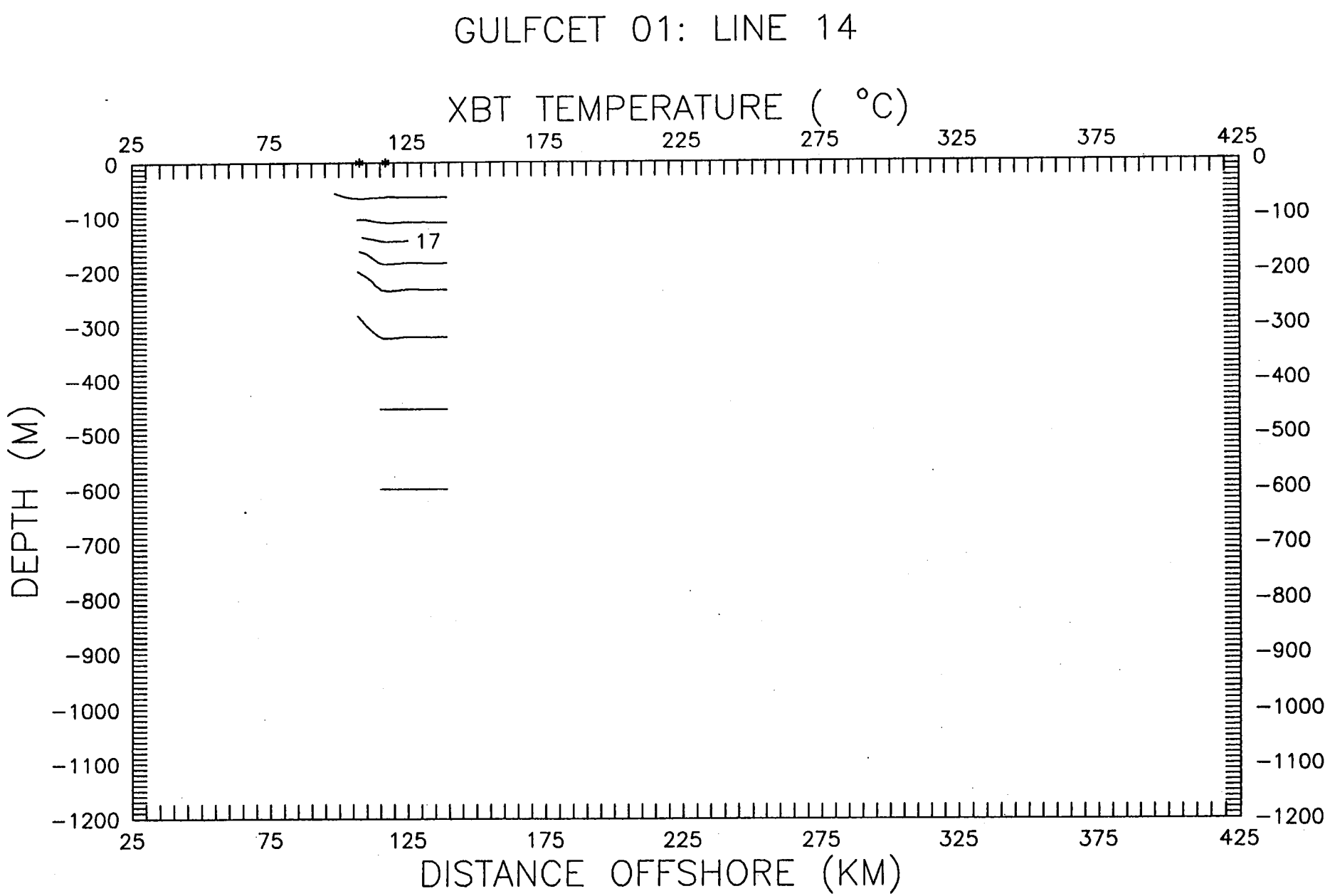

GULFCET 01: LINE 09
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
17
13
13
9
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

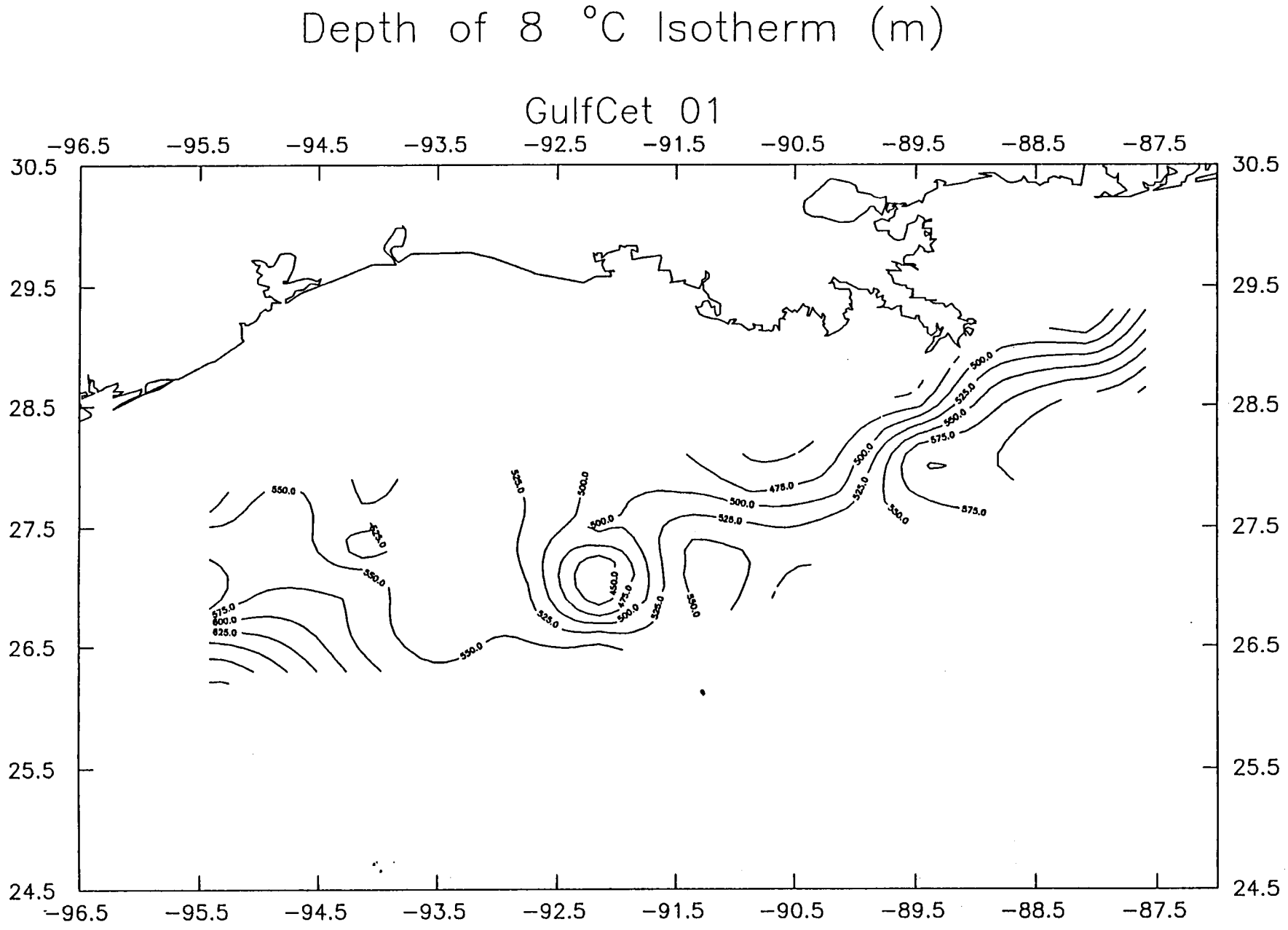

GULFCET 01: LINE 10
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
17
13
13
9
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

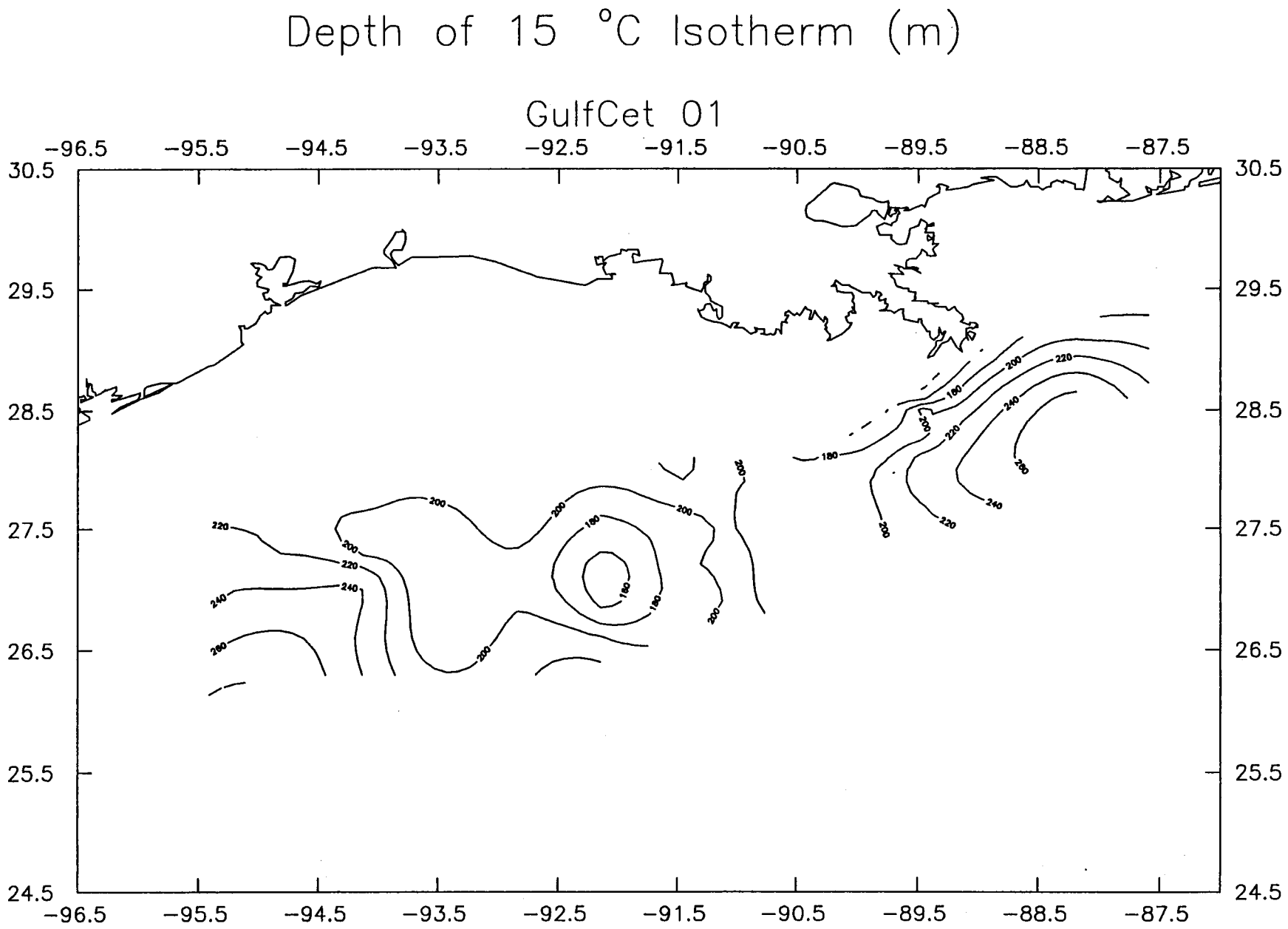

GULFCET 01: LINE 11
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
17
17
13
13
9
9
DEPTH (M)
DISTANCE OFFSHORE (KM)


GULFCET 01: LINE 12
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
13
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

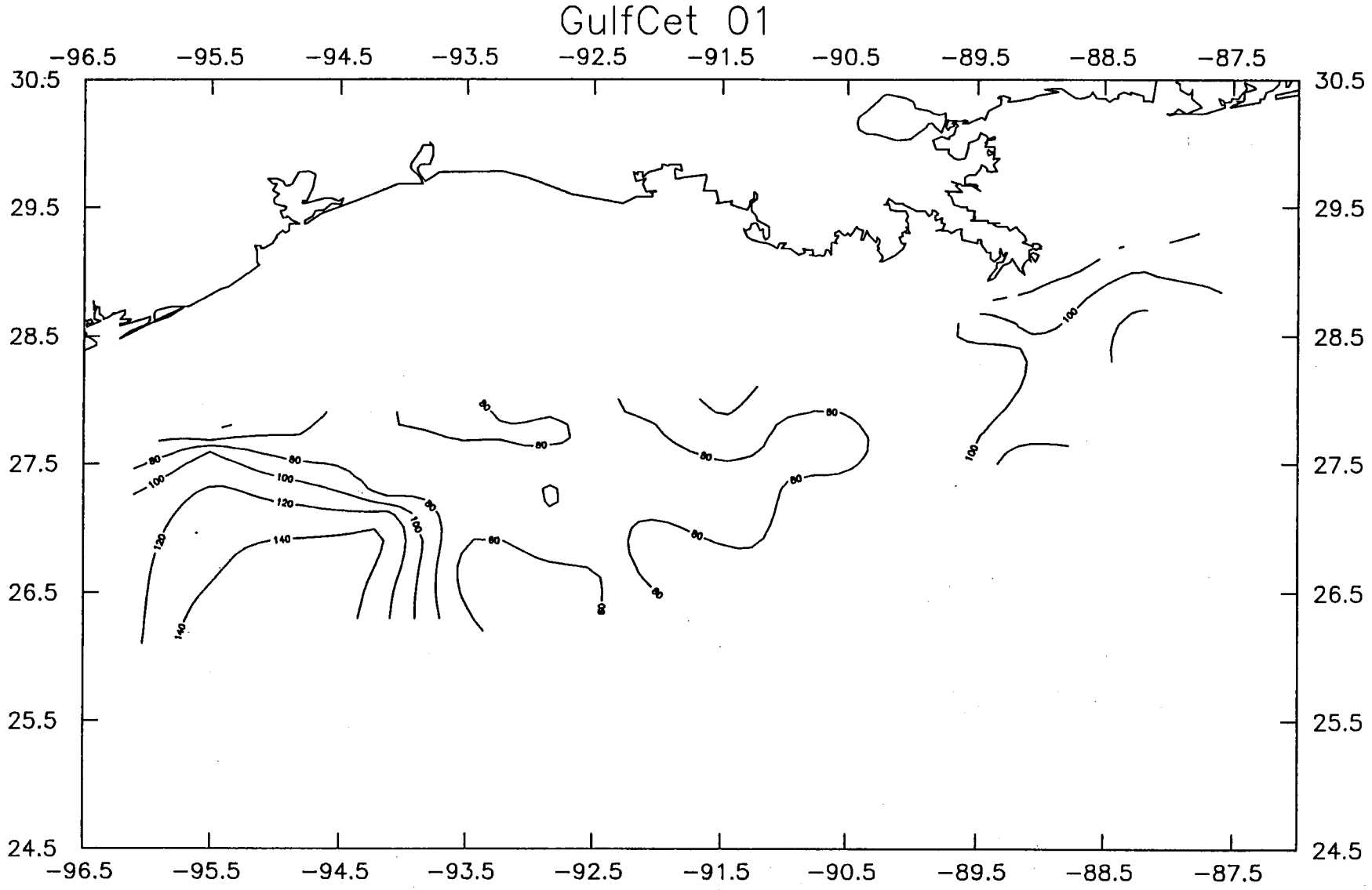

GULFCET 01: LINE 13
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
DEPTH (M)
DISTANCE OFFSHORE (KM)


GULFCET 01: LINE 14
XBT TEMPERATURE (°C)
17
DEPTH (M)
DISTANCE OFFSHORE (KM)
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
25
75
125
175
225
275
325
375
425


Depth of 8 °C Isotherm (m)
GulfCet 01
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5

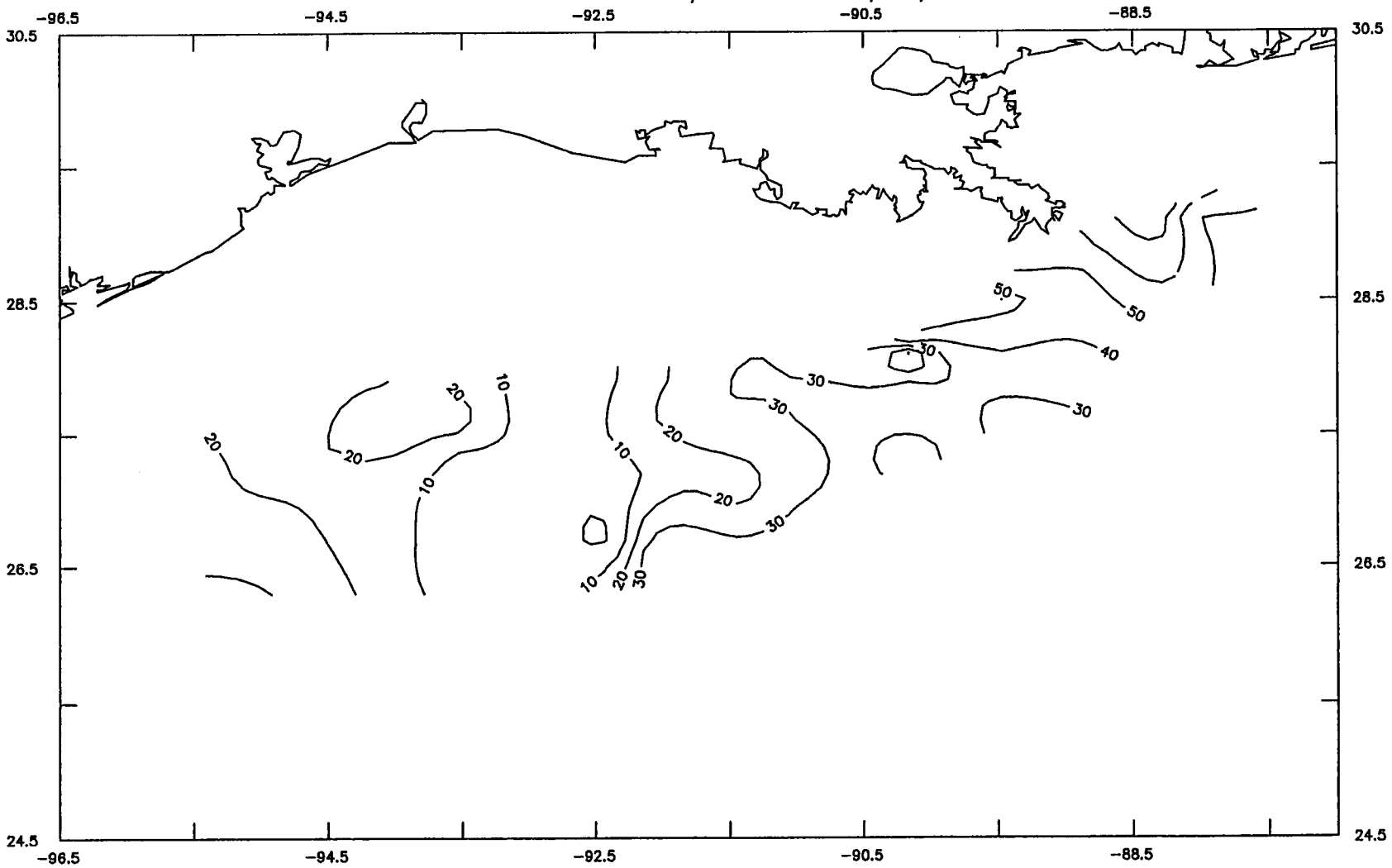

Depth of 15 °C Isotherm (m)
GulfCet 01
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5

Depth of 20 °C Isotherm (m)



Mixed Layer Depth

GulfCet 01 : 4/15 - 5/1/92



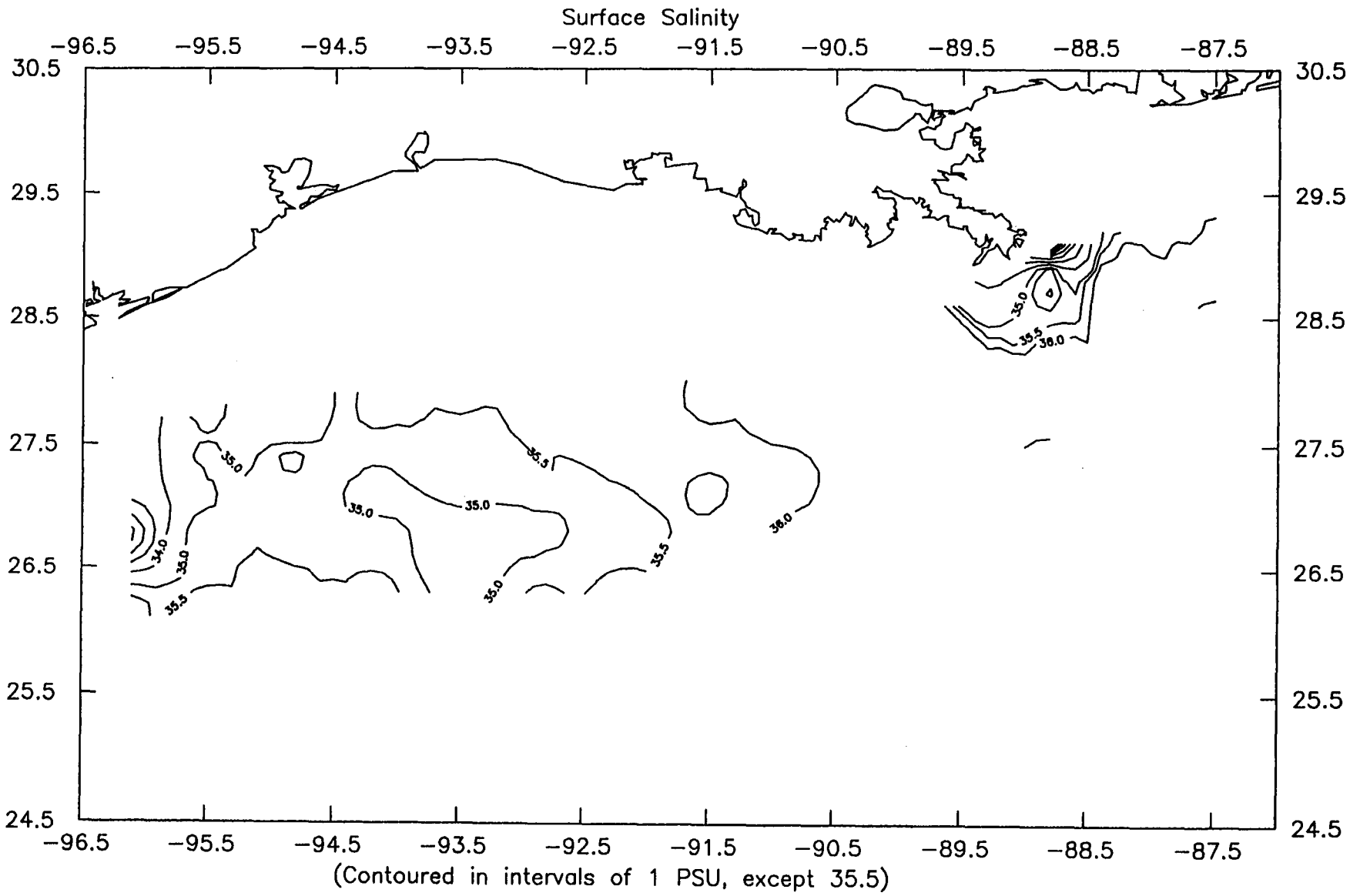
2.4 Salinity Data

Data Summary Tables

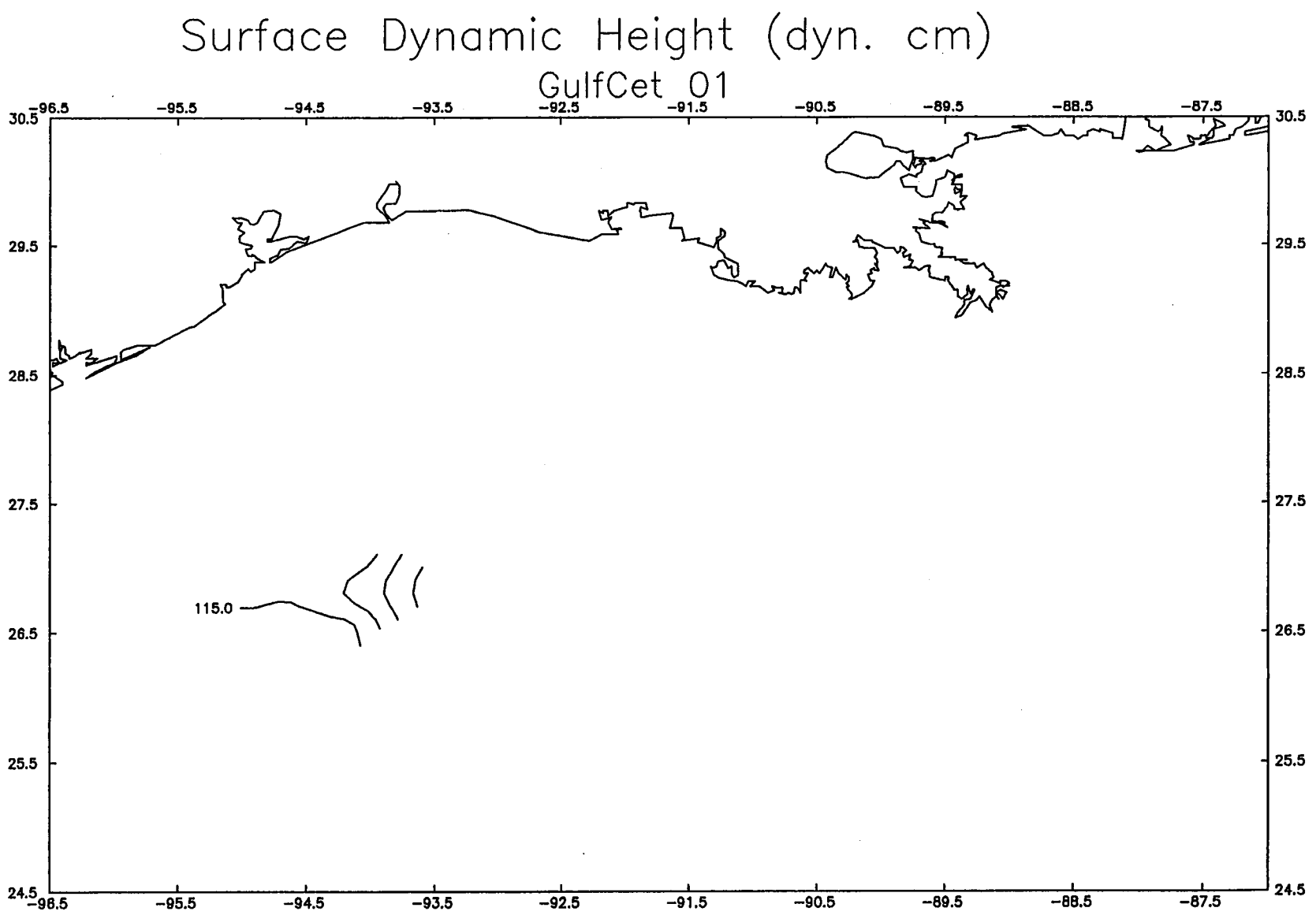
Station	Depth	Salinity
01-001	0	33.7622
	5	35.1914
	10	35.7388
	15	35.8987
	20	36.0064
	25	36.1013
	30	36.1191
	40	36.0712
	50	36.0415
	60	36.0683
01-002	0	33.1793
	69	36.0347
01-006	0	30.4307
	35	35.9148
01-009	0	35.7684
	100	36.1610
02-010	0	36.0077
	500	35.2429
02-013	0	35.5990
	500	35.1171
02-015	0	35.7052
	450	35.1415
02-020	0	33.7249
	70	36.2131
03-021	0	34.4708
	70	36.0857
04-031	0	35.8801
	51	36.3549
	1000	34.9532
04-033	0	35.3948
	61	35.4836
	1000	34.9358
04-036	0	35.2843
	65	36.2185
	700	34.9074
04-042	0	35.6221
	5	35.6324
	7	35.6254
	19	36.1228
	31	36.2251
	40	36.2467
	45	36.2523
	50	36.2469
	55	36.2438
	60	36.2063
	65	36.2492
	70	36.2585
05-043	0	35.5212
	31	35.9437
	70	36.2356
05-047	0	35.3415
	19	35.5998
	500	35.0257
05-050	0	34.6967
	700	34.9061
05-053	47	36.2201
	1000	34.9316
06-054	0	35.7440
	400	35.3195
06-055	0	34.9927
	12	34.9072
	700	34.9192

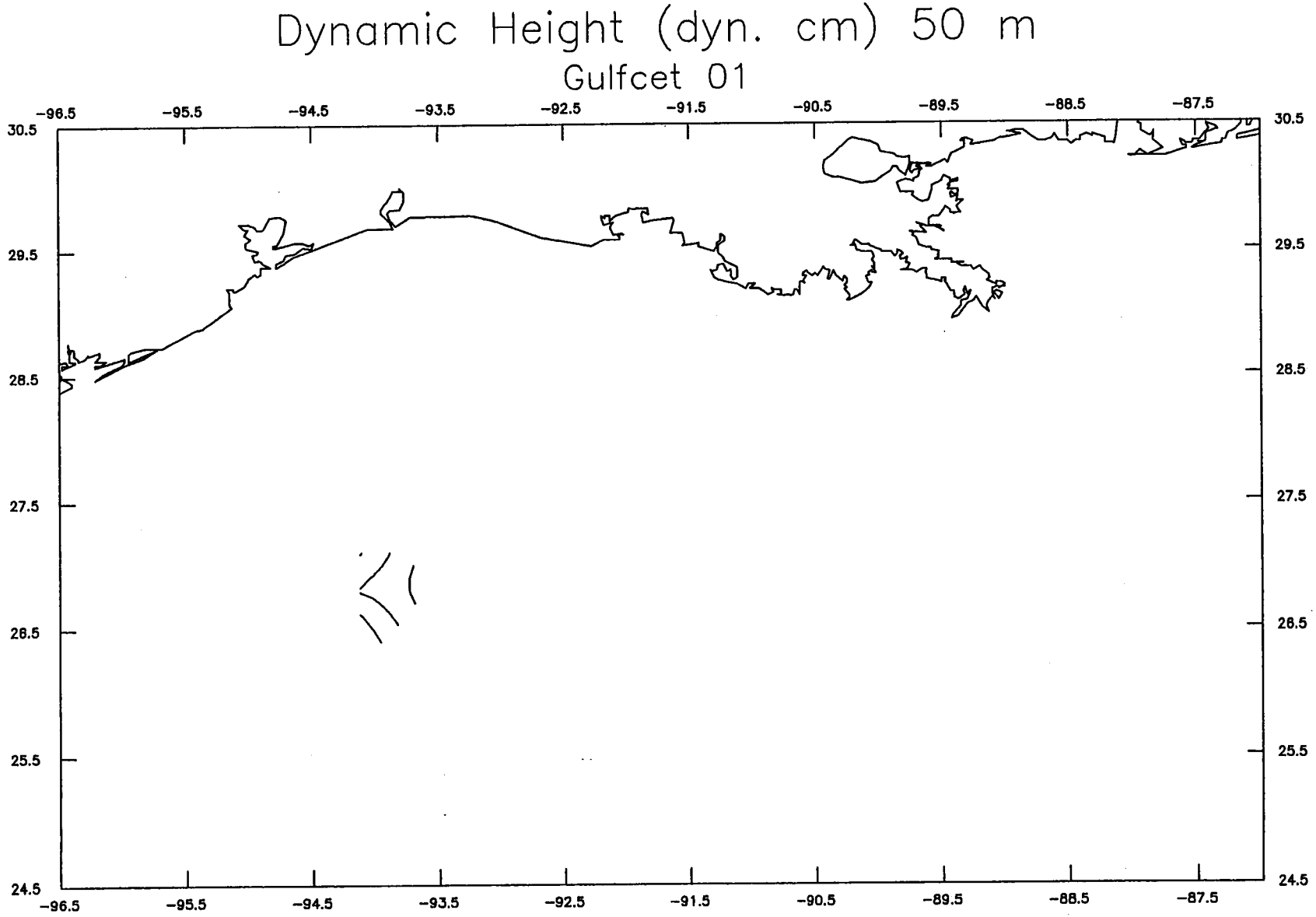
Station	Depth	Salinity
01-004	Surface	33.4414
01-005	Surface	31.1096
01-007	Surface	29.5694
01-008	Surface	35.8083
02-014	Surface	34.9295
02-016	Surface	35.2562
02-017	Surface	33.6630
02-019	Surface	33.6476
03-022	Surface	34.3869
03-023	Surface	34.5254
03-024	Surface	34.4241
03-025	Surface	33.9879
03-026	Surface	35.8688
03-027	Surface	35.7839
04-034	Surface	34.4075
04-035	Surface	34.7161
04-037	Surface	35.4492
04-038	Surface	35.4778
04-039	Surface	35.5595
04-040	Surface	35.6607
05-044	Surface	35.6219
05-045	Surface	35.3609
05-046	Surface	35.3756
05-048	Surface	35.2707
05-049	Surface	35.0665
05-051	Surface	34.6709
05-052	Surface	34.6118
06-056	Surface	34.5798
06-057	Surface	35.1523
06-058	Surface	35.5522
06-061	Surface	35.5762
06-062	Surface	35.5251
06-063	Surface	35.5650
06-064	Surface	35.6765
07-065	Surface	35.9817
07-066	Surface	35.8541
07-067	Surface	35.8310
07-068	Surface	35.7529
07-069	Surface	35.7581
07-070	Surface	35.5770
07-073	Surface	35.3024
07-075	Surface	35.7758
08-078	Surface	35.2247
08-079	Surface	35.6233
08-081	Surface	35.9069
08-082	Surface	36.0675
08-083	Surface	36.0993
08-085	Surface	36.1005
09-089	Surface	36.3611
09-090	Surface	36.1987
09-091	Surface	36.0516
09-092	Surface	36.1911
09-093	Surface	35.9767
09-094	Surface	35.7647
09-095	Surface	36.1075
10-098	Surface	36.3170
10-099	Surface	36.2224
10-101	Surface	36.2812
10-102	Surface	36.3323
10-103	Surface	36.2861
10-104	Surface	36.3475
10-105	Surface	36.3972
11-112	Surface	36.0566
11-113	Surface	36.0780
11-114	Surface	36.2632
12-116	Surface	35.8576
12-117	Surface	36.2572
12-118	Surface	36.3024
12-119	Surface	36.2451
12-120	Surface	36.3131
12-121	Surface	36.0980
12-122	Surface	36.2636
12-123	Surface	36.2509
12-124	Surface	30.7156
12-125	Surface	21.0615
13-126	Surface	34.8545
13-127	Surface	35.1284
13-128	Surface	35.9767
13-129	Surface	36.0485
13-130	Surface	36.3073
13-131	Surface	36.1770
13-132	Surface	36.3677
13-133	Surface	36.3273
13-134	Surface	36.2774
14-135	Surface	35.8091
14-136	Surface	36.1319
14-137	Surface	36.1234
14-138	Surface	36.1059
14-139	Surface	36.1793
14-140	Surface	36.2350
14-141	Surface	36.1354
14-142	Surface	35.2208
14-143	Surface	34.8941
xbtex1	Surface	35.6688
xbtex2	Surface	36.2665

Sea Surface Salinity Plot



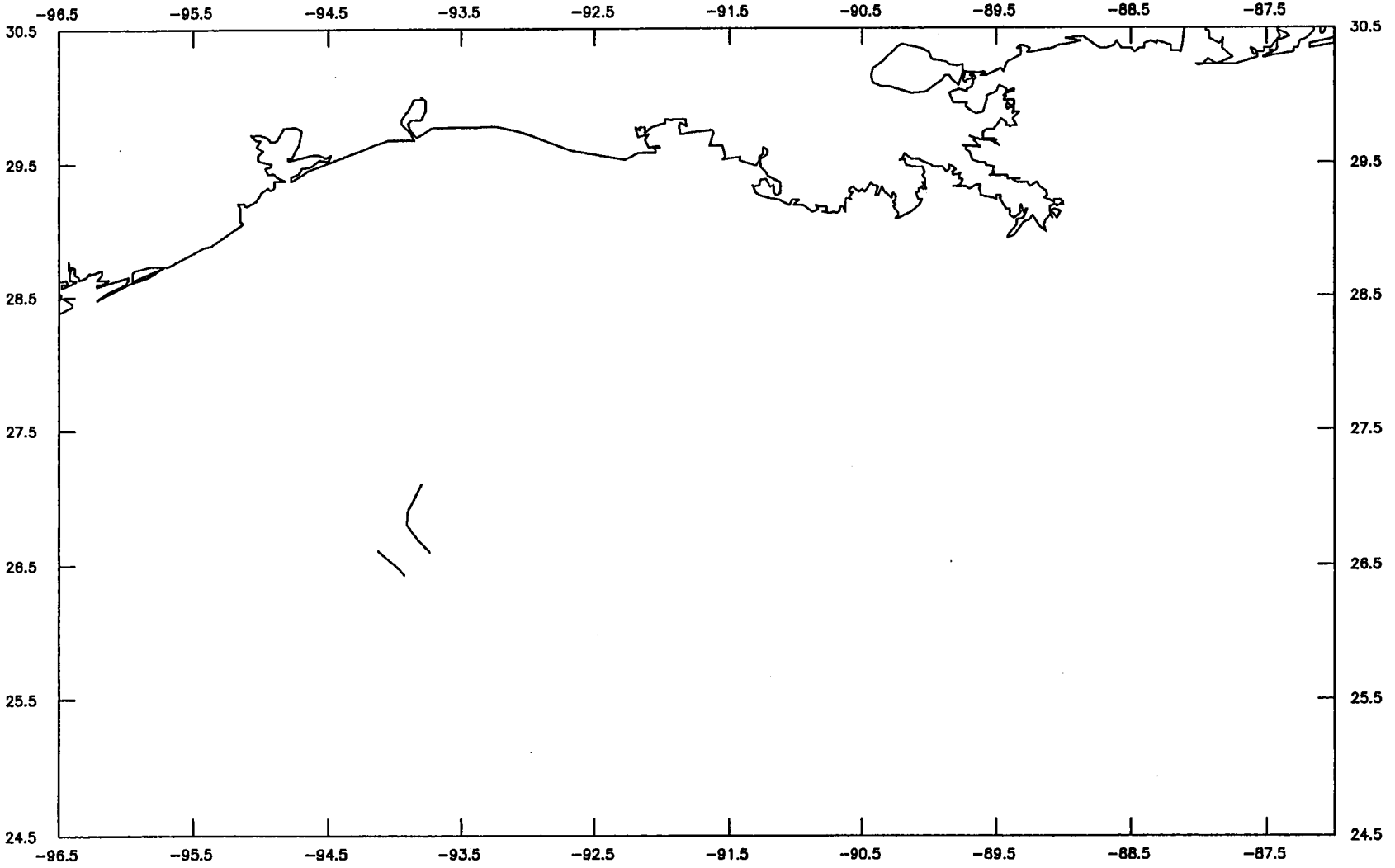
2.5 Dynamic Height Plots


Surface Dynamic Height (dyn. cm)
GulfCet 01
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
115.0


Dynamic Height (dyn. cm) 50 m
Gulfcet 01
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5

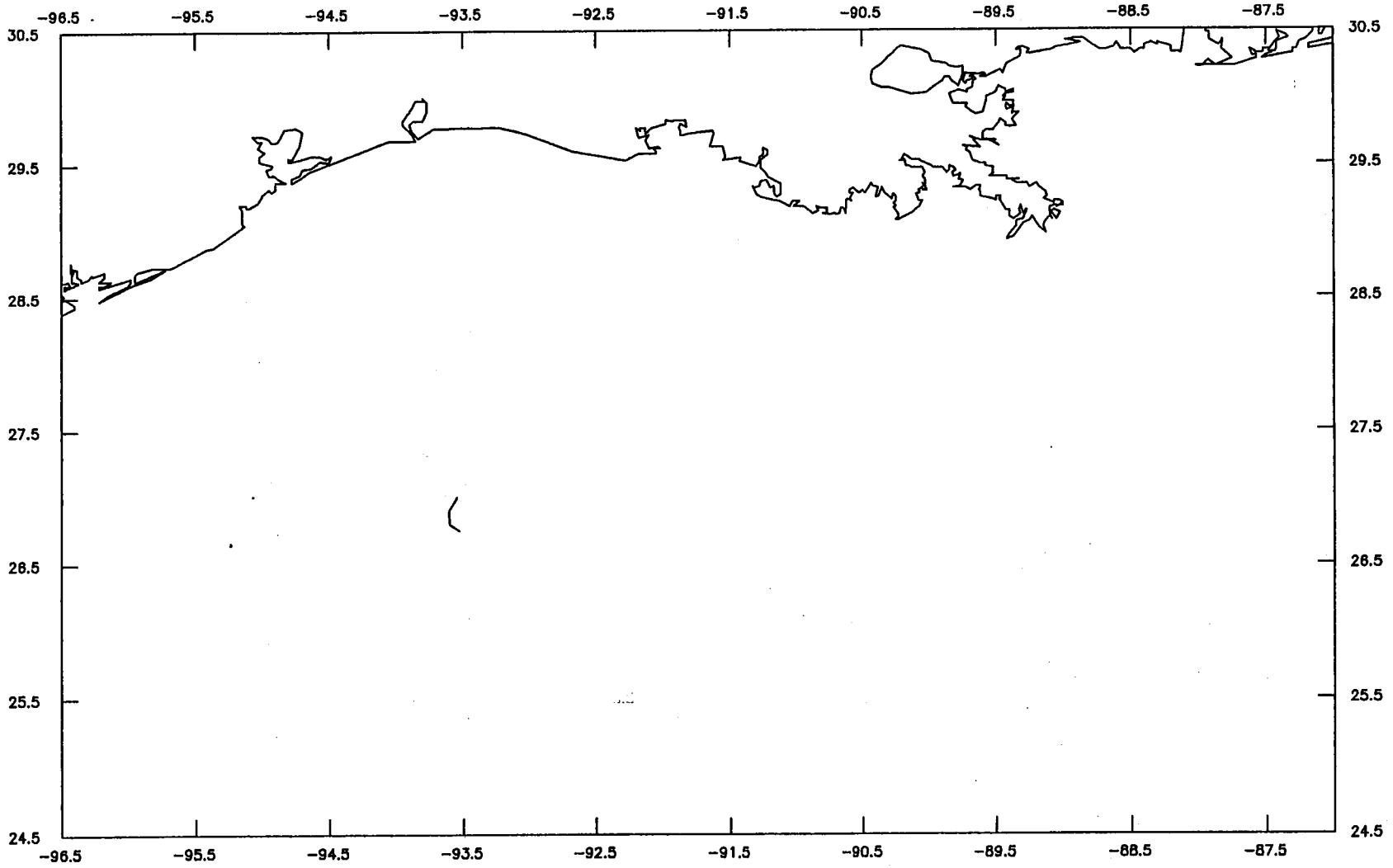
Dynamic Height (dyn. cm) 100m

Gulfcet 01



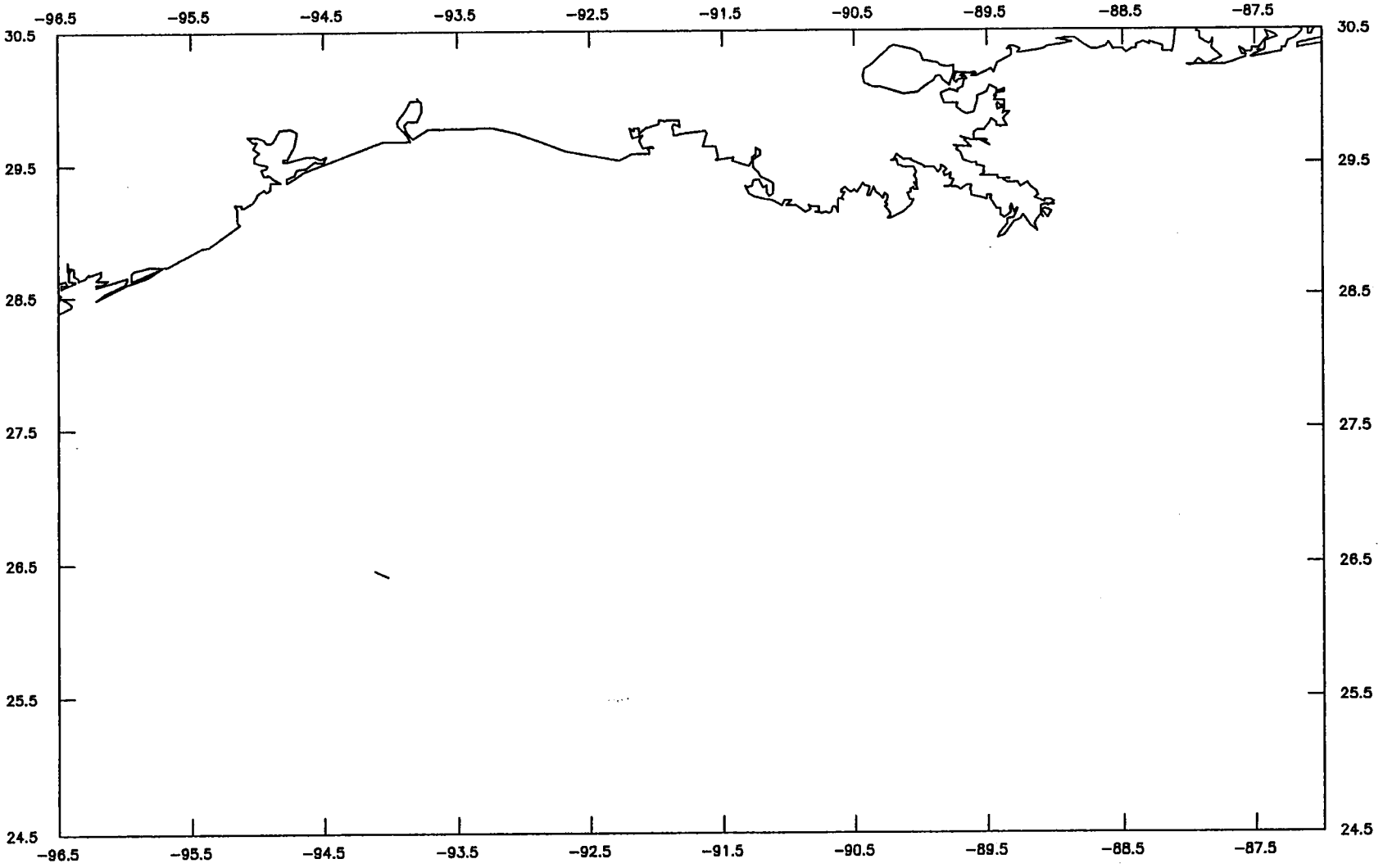
Dynamic Height (dyn. cm) 250m

Gulfcet 01



Dynamic Height (dyn. cm) 500m

Gulfcet 01



III. TIO CRUISE 2

3.1 Personnel

TIO Cruise 02 Personnel

Ship's Captain:

Chris Riffe, R/V *Pelican*	

Chief Scientist:

Robert Benson	TAMU GulfCet PI, Professor

Scientific Staff:

Giulietta Fargion	TAMUG, GulfCet PI, Research Associate Specialist
Jeff Norris	TAMU, Research Associate
Tom Jefferson	TAMU, Graduate Student
Logan Respess	TAMUG, Marine Technician
Andrew Schiro	TAMUG, Marine Technician
Troy Sparks	TAMU, Graduate Student
John Hausman	TAMU, Student
Dagmar Fertl	TAMU, Graduate Student
Shane Kanatous	TAMU, Graduate Student
Bill Stevens	TAMUG, Marine Technician
Lisa Delos Santos	TAMUG, Student
Adam Grundt	TAMUG, Intern

TIO Analytical and Processing Personnel:

Sample Analysis:

Logan Respess	TAMUG, Marine Technician
Cheryl Schroeder	TAMUG, Student

Data Processing and Programming:

David Brandon	TAMUG, Programmer

Report Writing and Quality Assurance:

Giulietta Fargion	TAMUG, GulfCet PI, Research Associate Specialist
Cheryl Schroeder	TAMUG, Student

3.2 Expendable Bathythermograph (XBT) Data

Cruise 2 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
02-012	23 Aug 92	0202	26° 41.10'	95° 30.00'	T-7	08-082	16 Aug 92	1644	27° 45.44'	91° 30.14'	T-7
02-014	22 Aug 92	1755	27° 23.01'	95° 29.96'	T-7	08-083	16 Aug 92	1559	27° 49.45'	91° 29.94'	T-7
02-016	22 Aug 92	1613	27° 28.00'	95° 29.98'	T-7	08-084	16 Aug 92	1535	27° 51.98'	91° 29.88'	T-7
02-017	22 Aug 92	1453	27° 36.50'	95° 30.00'	T-7	08-085	16 Aug 92	1521	27° 52.98'	91° 29.91'	T-10
02-018	22 Aug 92	1352	27° 41.48'	95° 29.92'	T-7	08-Ex1	16 Aug 92	1945	27° 27.18'	91° 30.40'	T-7
02-019	22 Aug 92	1347	27° 42.05'	95° 29.95'	T-10	09-088	16 Aug 92	0651	28° 02.49'	90° 50.01'	T-10
02-Ex4	22 Aug 92	1944	27° 11.43'	95° 29.99'	T-7	09-089	16 Aug 92	0625	28° 00.02'	90° 50.06'	T-7
03-022	22 Aug 92	0619	27° 51.48'	94° 49.95'	T-10	09-090	16 Aug 92	0457	27° 51.94'	90° 49.95'	T-7
03-023	22 Aug 92	0558	27° 46.90'	94° 49.98'	T-7	09-091	16 Aug 92	0403	27° 46.8'	90° 50.00'	T-7
03-024	22 Aug 92	0500	27° 42'	94° 50'	T-7	09-092	16 Aug 92	0304	27° 39.5'	90° 50'	T-20
03-025	22 Aug 92	0351	27° 33.92'	94° 50.08'	T-7	09-094	15 Aug 92	2201	27° 15.95'	90° 49.27'	T-20
03-027	22 Aug 92	0111	27° 22.91'	94° 50.01'	T-7	10-098	15 Aug 92	0803	27° 11.54'	90° 09.99'	T-20
03-028	21 Aug 92	2218	27° 03.48'	94° 49.98'	T-7	10-099	15 Aug 92	0331	27° 40'	90° 10'	T-7
04-032	21 Aug 92	0517	26° 37.07'	94° 09.98'	T-7	10-101	15 Aug 92	0059	27° 49.88'	90° 09.88'	T-7
04-037	20 Aug 92	1909	27° 30.02'	94° 10.04'	T-7	10-102	14 Aug 92	2301	28° 01.93'	90° 10.06'	T-7
04-038	20 Aug 92	1728	27° 38.12'	94° 09.94'	T-7	10-103	14 Aug 92	2240	28° 04.04'	90° 10.09'	T-7
04-039	20 Aug 92	1703	27° 41.02'	94° 10.02'	T-7	10-104	14 Aug 92	2150	28° 09.47'	90° 10.03'	T-10
04-040	20 Aug 92	1637	27° 44.12'	94° 10.00'	T-7	11-107	14 Aug 92	1356	28° 36.61'	89° 30.03'	T-10
04-041	20 Aug 92	1552	27° 49.56'	94° 10.01'	T-10	11-108*	14 Aug 92	1314	28° 31.98'	89° 29.98'	T-7
04-Ex2	20 Aug 92	2003	27° 29.05'	94° 09.10'	T-7	11-109	14 Aug 92	1239	28° 28.01'	89° 30.04'	T-7
05-044	20 Aug 92	2008	27° 49.35'	93° 30.5'	T-10	11-110	14 Aug 92	1137	28° 21.48'	89° 29.98'	T-7
05-045	20 Aug 92	0625	27° 34.93'	93° 29.98'	T-7	11-111	14 Aug 92	1033	28° 15.01'	89° 30.07'	T-20
05-046	20 Aug 92	0606	27° 32.99'	93° 29.96'	T-7	11-113	14 Aug 92	0300	27° 38'	89° 29.9'	T-20
05-048*	20 Aug 92	0257	27° 20.94'	93° 30.00'	T-7	12-119	13 Aug 92	0843	28° 26'	88° 50'	T-7
05-049	20 Aug 92	0023	27° 05.96'	93° 30.02'	T-7	12-120	13 Aug 92	0511	28° 43.5'	88° 50'	T-20
05-051	19 Aug 92	1955	26° 43.15'	93° 30.05'	T-7	12-121	13 Aug 92	0435	28° 47'	88° 50'	T-7
06-Ex5	19 Aug 92	0322	26° 36.00'	92° 50.00'	T-7	12-122	13 Aug 92	0328	28° 53'	88° 50'	T-7
06-056	18 Aug 92	2312	26° 52.04'	92° 50.01'	T-7	12-123	13 Aug 92	0302	28° 55.5'	88° 50'	T-7
06-058	18 Aug 92	1854	27° 18.74'	92° 50.00'	T-7	12-124	13 Aug 92	0216	29° 00'	88° 50'	T-10
06-060	18 Aug 92	1555	27° 34.56'	92° 49.98'	T-7	13-127	12 Aug 92	1833	29° 10.05'	88° 09.95'	T-10
06-061*	18 Aug 92	1411	27° 41.01'	92° 49.99'	T-7	13-128	12 Aug 92	1808	29° 10.58'	88° 10.00'	T-7
06-062	18 Aug 92	1358	27° 42.98'	92° 49.95'	T-7	13-129	12 Aug 92	1718	29° 08.49'	88° 10.01'	T-7
06-063	18 Aug 92	1204	27° 54.51'	92° 50.00'	T-10	13-130	12 Aug 92	1714	29° 05.13'	88° 10.02'	T-7
07-066	18 Aug 92	0449	27° 52.98'	92° 09.89'	T-10	13-131	12 Aug 92	1654	29° 03.05'	88° 10.04'	T-20
07-067	18 Aug 92	0437	27° 51.99'	92° 09.86'	T-7	13-132	12 Aug 92	1446	28° 49'	88° 10'	T-20
07-068	18 Aug 92	0331	27° 44.95'	92° 10.07'	T-7	14-137	12 Aug 92	2000	29° 04.00'	87° 30.06'	T-20
07-069	18 Aug 92	0216	27° 37.04'	92° 10.02'	T-7	14-138*	12 Aug 92	1817	29° 14.99'	87° 29.97'	T-20
07-070	18 Aug 92	0106	27° 29.46'	92° 09.98'	T-7	14-139	11 Aug 92	1758	29° 17.00'	87° 29.92'	T-7
07-072	17 Aug 92	2054	27° 09.49'	92° 10.05'	T-7	14-140	11 Aug 92	1731	29° 20.03'	87° 29.91'	T-7
08-079	16 Aug 92	2139	27° 23.05'	91° 29.96'	T-7	14-141	11 Aug 92	1712	29° 22.00'	87° 29.99'	T-7
08-081	16 Aug 92	1849	27° 32.95'	91° 29.98'	T-7	14-142	11 Aug 92	1645	29° 24.96'	87° 29.87'	T-10

* denotes a malfunctioned probe.

XBT Data

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

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

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

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

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

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

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

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

Cruise: GULFCET 02 **Station:** 02-018 **Probe Type:** T-7
Latitude: 27° 41.48' N **Longitude:** 95° 29.92' W **Date:** 22-Aug-1992 **Time:** 1352

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

Cruise: GULFCET 02 **Station:** 02-019 **Probe Type:** T-10
Latitude: 27° 42.05' N **Longitude:** 95° 29.95' W **Date:** 22-Aug-1992 **Time:** 1347

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

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

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

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

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

Cruise: GULFCET 02 **Station:** 03-023 **Probe Type:** T-7
Latitude: 27° 46.90' N **Longitude:** 94° 49.98' W **Date:** 22-Aug-1992 **Time:** 558

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

Cruise: GULFCET 02 **Station:** 03-024 **Probe Type:** T-7
Latitude: 27° 42.00' N **Longitude:** 94° 50.00' W **Date:** 22-Aug-1992 **Time:** 500

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

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

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

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

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

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

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

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

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

Cruise: GULFCET 02 **Station:** 04-037 **Probe Type:** T-7
Latitude: 27° 30.02' N **Longitude:** 94° 10.04' W **Date:** 20-Aug-1992 **Time:** 1909

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

Cruise: GULFCET 02 **Station:** 04-038 **Probe Type:** T-7
Latitude: 27° 38.12' N **Longitude:** 94° 9.94' W **Date:** 20-Aug-1992 **Time:** 1728

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

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

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

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

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

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

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

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

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

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

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

Cruise: GULFCET 02 **Station:** 05-045 **Probe Type:** T-7
Latitude: 27° 34.93' N **Longitude:** 93° 29.98' W **Date:** 20-Aug-1992 **Time:** 625

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

Cruise: GULFCET 02 **Station:** 05-046 **Probe Type:** T-7
Latitude: 27° 32.99' N **Longitude:** 93° 29.96' W **Date:** 20-Aug-1992 **Time:** 606

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

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

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

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

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

Cruise: GULFCET 02 **Station:** 06-056 **Probe Type:** T-7
Latitude: 26° 52.04' N **Longitude:** 92° 50.01' W **Date:** 18-Aug-1992 **Time:** 2312

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

Cruise: GULFCET 02 **Station:** 06-058 **Probe Type:** T-7
Latitude: 27° 18.74' N **Longitude:** 92° 50.00' W **Date:** 18-Aug-1992 **Time:** 1854

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

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

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

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

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

Cruise: GULFCET 02 **Station:** 06-063 **Probe Type:** T-10
Latitude: 27° 54.51' N **Longitude:** 92° 50.00' W **Date:** 18-Aug-1992 **Time:** 1204

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

Cruise: GULFCET 02 **Station:** 06-EX5 **Probe Type:** T-7
Latitude: 26° 36.00' N **Longitude:** 92° 50.00' W **Date:** 19-Aug-1992 **Time:** 322

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Cruise: GULFCET 02 **Station:** 08-084 **Probe Type:** T-7
Latitude: 27° 51.98' N **Longitude:** 91° 29.88' W **Date:** 16-Aug-1992 **Time:** 1535

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

Cruise: GULFCET 02 **Station:** 08-085 **Probe Type:** T-10
Latitude: 27° 52.98' N **Longitude:** 91° 29.91' W **Date:** 16-Aug-1992 **Time:** 1521

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

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

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

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

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

Cruise: GULFCET 02 **Station:** 09-089 **Probe Type:** T-7
Latitude: 28° .02' N **Longitude:** 90° 50.06' W **Date:** 16-Aug-1992 **Time:** 625

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

Cruise: GULFCET 02 **Station:** 09-090 **Probe Type:** T-7
Latitude: 27° 51.94' N **Longitude:** 90° 49.95' W **Date:** 16-Aug-1992 **Time:** 457

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

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

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

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

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

Cruise: GULFCET 02 **Station:** 09-094 **Probe Type:** T-20
Latitude: 27° 15.95' N **Longitude:** 90° 49.27' W **Date:** 15-Aug-1992 **Time:** 2201

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

Cruise: GULFCET 02 **Station:** 10-098 **Probe Type:** T-20
Latitude: 27° 11.54' N **Longitude:** 90° 9.99' W **Date:** 15-Aug-1992 **Time:** 803

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

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

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

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

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

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

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

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

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

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

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

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

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

Cruise: GULFCET 02 **Station:** 11-109 **Probe Type:** T-7
Latitude: 28° 28.01' N **Longitude:** 89° 30.04' W **Date:** 14-Aug-1992 **Time:** 1239

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

Cruise: GULFCET 02 **Station:** 11-110 **Probe Type:** T-7
Latitude: 28° 21.48' N **Longitude:** 89° 29.98' W **Date:** 14-Aug-1992 **Time:** 1137

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

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

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

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

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

Cruise: GULFCET 02 **Station:** 12-119 **Probe Type:** T-7
Latitude: 28° 26.00' N **Longitude:** 88° 50.00' W **Date:** **Time:**

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

Cruise: GULFCET 02 **Station:** 12-120 **Probe Type:** T-20
Latitude: 28° 43.50' N **Longitude:** 88° 50.00' W **Date:** 13-Aug-1992 **Time:** 511

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

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

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

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

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

Cruise: GULFCET 02 **Station:** 12-123 **Probe Type:** T-7
Latitude: 28° 55.50' N **Longitude:** 88° 50.00' W **Date:** 13-Aug-1992 **Time:** 302

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

Cruise: GULFCET 02 **Station:** 12-124 **Probe Type:** T-10
Latitude: 29° 0.00' N **Longitude:** 88° 50.00' W **Date:** 13-Aug-1992 **Time:** 216

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

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

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

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

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

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

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

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

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

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

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

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

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

Cruise: GULFCET 02 **Station:** 14-137 **Probe Type:** T-20
Latitude: 29° 4.00' N **Longitude:** 87° 30.06' W **Date:** 12-Aug-1992 **Time:** 2000

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

Cruise: GULFCET 02 **Station:** 14-139 **Probe Type:** T-7
Latitude: 29° 17.00' N **Longitude:** 87° 29.92' W **Date:** 11-Aug-1992 **Time:** 1758

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

Cruise: GULFCET 02 **Station:** 14-140 **Probe Type:** T-7
Latitude: 29° 20.03' N **Longitude:** 87° 29.91' W **Date:** 11-Aug-1992 **Time:** 1731

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

Cruise: GULFCET 02 **Station:** 14-141 **Probe Type:** T-7
Latitude: 29° 22.00' N **Longitude:** 87° 29.99' W **Date:** 11-Aug-1992 **Time:** 1712

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

Cruise: GULFCET 02 **Station:** 14-142 **Probe Type:** T-10
Latitude: 29° 24.96' N **Longitude:** 87° 29.87' W **Date:** 11-Aug-1992 **Time:** 1645

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

3.3 Conductivity/Temperature/Depth (CTD) Data

Cruise 2 CTD Stations

CTD station	Latitude (north)	Longitude (west)	Depth (m)	Distance from shore (km)	CTD station	Latitude (north)	Longitude (west)	Depth (m)	Distance from shore (km)
02-010	26°0.0'	95°30.00'	1600	311.3	07-073	26°46.0'	92°10.00'	1800	311.3
02-013	26°46.0'	95°30.00'	1320	226.1	07-075	26°17.0'	92°10.00'	2000	365.1
02-015	27°26.0'	95°30.00'	875	151.9	08-076	26°37.0'	91°30.00'	2000	324.8
02-020	27°47.0'	95°30.00'	96	113.0	08-080	27°26.0'	91°30.00'	950	234.0
03-021	27°56.0'	94°50.00'	102	142.7	08-086	28°7.5'	91°30.00'	98	157.1
03-026	27°26.0'	94°50.00'	905	198.3	09-087	28°9.0'	90°50.00'	109	104.9
03-029	26°46.0'	94°50.00'	1420	272.4	09-093	27°26.0'	90°50.00'	1300	184.6
03-030	26°17.0'	94°50.00'	2000	326.1	09-096	26°45.0'	90°50.00'	2000	260.5
04-031	26°17.0'	94°10.00'	2000	374.7	10-097	27°10.0'	90°10.00'	2000	215.0
04-033	26°46.0'	94°10.00'	1350	320.9	10-100	27°46.0'	90°10.00'	800	148.2
04-036	27°26.0'	94°10.00'	826	246.8	10-105	28°16.0'	90°10.00'	94	92.7
04-042	27°54.0'	94°10.00'	95	194.9	11-106	28°45.0'	89°30.00'	95	50.0
05-043	28°0.0'	93°30.00'	93	198.3	11-112	28°6.0'	89°30.00'	1075	122.3
05-047	27°26.0'	93°30.00'	578	261.3	11-115	27°27.0'	89°30.00'	2000	194.6
05-050	26°46.0'	93°30.00'	1470	335.4	12-116	27°26.0'	88°50.00'	2000	210.3
05-053	26°10.0'	93°30.00'	2000	402.1	12-125	29°6.5'	88°50.00'	95	24.1
06-054	26°14.0'	92°50.00'	2000	376.2	13-126	29°16.5'	88°10.00'	95	115.1
06-055	26°46.0'	92°50.00'	1745	316.9	13-133	28°46.0'	88°10.00'	1850	171.6
06-059	27°26.0'	92°50.00'	1035	242.8	13-134	28°37.0'	88°10.00'	2000	188.3
06-064	28°2.0'	92°50.00'	99	176.0	14-135	28°31.0'	87°30.00'	2000	198.3
07-065	28°2.0'	92°10.00'	103	170.5	14-136	28°46.0'	87°30.00'	1600	170.5
07-071	27°26.0'	92°10.00'	814	237.2	14-143	29°27.0'	87°30.00'	82	94.5

CTD Data

Cruise: GULFCET 02 **Station:** 02-010
Date: 23-Aug-92 Time: 805 Lat: 26° 04.96' N Long: 92° 29.99' W
Depth: 1600 m Wind Dir: 130.0° Wind Speed: 7.0 m/s Wave Dir: 90 °
Barometer: 30.03 Air Temp Dry: 23.3 °C Air Temp Wet: 28.3 °C Secchi Depth: m

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

Cruise: GULFCET 02 **Station:** 02-013
Date: 23-Aug-92 Time: 16 Lat: 26° 46.03' N Long: 95° 29.98' W
Depth: 1320 m Wind Dir: 140.0° Wind Speed: 8.0 m/s Wave Dir: 140°
Barometer: 30.01 Air Temp Dry: 27.2 °C Air Temp Wet: 24.4 °C Secchi Depth: m

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

Cruise: GULFCET 02 **Station:** 02-015
Date: 22-Aug-92 Time: 1637 Lat: 27° 26.04' N Long: 95° 29.93' W
Depth: 875 m Wind Dir: 88.0 ° Wind Speed: 3.5 m/s Wave Dir: 70 °
Barometer: 30.01 Air Temp Dry: 27.5 °C Air Temp Wet: 24.4 °C Secchi Depth: 30.5 m

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

Cruise: GULFCET 02 **Station:** 02-020
Date: 22-Aug-92 Time: 1235 Lat: 27° 46.94' N Long: 95° 30.00' W
Depth: 96 m Wind Dir: 45.0 ° Wind Speed: 4.6 m/s Wave Dir: 45 °
Barometer: 30.06 Air Temp Dry: 29.4 °C Air Temp Wet: 25.0 °C Secchi Depth: 21 m

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

Cruise: GULFCET 02 **Station:** 03-021
Date: 22-Aug-92 Time: 655 Lat: 27° 56.04' N Long: 94° 49.99' W
Depth: 102 m Wind Dir: 70.0 ° Wind Speed: 2.0 m/s Wave Dir: 90 °
Barometer: 30.05 Air Temp Dry: 26.1 °C Air Temp Wet: 23.3 °C Secchi Depth: 28 m

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

Cruise: GULFCET 02 **Station:** 03-026
Date: 22-Aug-92 Time: 13 Lat: 27° 26.01' N Long: 94° 49.90' W
Depth: 905 m Wind Dir: 100.0° Wind Speed: 3.0 m/s Wave Dir: 270°
Barometer: 30.01 Air Temp Dry: 27.2 °C Air Temp Wet: 23.9 °C Secchi Depth: m

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

Cruise: GULFCET 02 **Station:** 03-029
Date: 21-Aug-92 Time: 1838 Lat: 26° 45.97' N Long: 94° 49.93' W
Depth: 1420 m Wind Dir: 93.0 ° Wind Speed: 4.6 m/s Wave Dir: 95 °
Barometer: 30.02 Air Temp Dry: 26.6 °C Air Temp Wet: 23.9 °C Secchi Depth: 27 m

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

Cruise: GULFCET 02 **Station:** 03-030
Date: 21-Aug-92 Time: 1307 Lat: 26° 17.02' N Long: 94° 50.13' W
Depth: 2000 m Wind Dir: 355.0° Wind Speed: 6.5 m/s Wave Dir: 0 °
Barometer: 30.08 Air Temp Dry: 24.4 °C Air Temp Wet: 23.9 °C Secchi Depth: 17 m

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

Cruise: GULFCET 02 **Station:** 04-031
Date: 21-Aug-92 Time: 809 Lat: 26° 16.92' N Long: 94° 09.99' W
Depth: 2000 m Wind Dir: 100.0° Wind Speed: 6.0 m/s Wave Dir: 170°
Barometer: 30.05 Air Temp Dry: 23.8 °C Air Temp Wet: 23.3 °C Secchi Depth: 21 m

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

Cruise: GULFCET 02 **Station:** 04-033
Date: 21-Aug-92 Time: 304 Lat: 26° 45.92' N Long: 94° 09.93' W
Depth: 1350 m Wind Dir: 170.0° Wind Speed: 2.0 m/s Wave Dir: Z °
Barometer: 30.00 Air Temp Dry: 27.2 °C Air Temp Wet: 23.3 °C Secchi Depth: Z m

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

Cruise: GULFCET 02 **Station:** 04-036
Date: 20-Aug-92 Time: 2045 Lat: 27° 26.06' N Long: 94° 10.12' W
Depth: 826 m Wind Dir: 98.0 ° Wind Speed: 2.6 m/s Wave Dir: Z °
Barometer: 30.01 Air Temp Dry: 23.8 °C Air Temp Wet: 19.5 °C Secchi Depth: Z m

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

Cruise: GULFCET 02 **Station:** 04-042
Date: 20-Aug-92 Time: 1435 Lat: 27° 53.97' N Long: 94° 09.94' W
Depth: 95 m Wind Dir: 261.0° Wind Speed: 2.4 m/s Wave Dir: 100°
Barometer: 30.02 Air Temp Dry: 26.6 °C Air Temp Wet: 22.8 °C Secchi Depth: 21 m

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

Cruise: GULFCET 02 **Station:** 05-043
Date: 20-Aug-92 Time: 1013 Lat: 28° 00.01' N Long: 93° 30.06' W
Depth: 93 m Wind Dir: 230.0° Wind Speed: 8.0 m/s Wave Dir: 250°
Barometer: 30.07 Air Temp Dry: 24.4 °C Air Temp Wet: 23.9 °C Secchi Depth: m

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

Cruise: GULFCET 02 **Station:** 05-047
Date: 20-Aug-92 Time: 349 Lat: 27° 25.99' N Long: 93° 30.00' W
Depth: 578 m Wind Dir: 140.0° Wind Speed: 4.0 m/s Wave Dir: 180°
Barometer: 30.01 Air Temp Dry: 26.6 °C Air Temp Wet: 23.9 °C Secchi Depth: Z m

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

Cruise: GULFCET 02 **Station:** 05-050
Date: 19-Aug-92 Time: 2020 Lat: 26° 46.04' N Long: 93° 30.06' W
Depth: 1470 m Wind Dir: ° Wind Speed: m/s Wave Dir: °
Barometer: Air Temp Dry: °C Air Temp Wet: °C Secchi Depth: m

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

Cruise: GULFCET 02 **Station:** 05-053
Date: 19-Aug-92 Time: 1316 Lat: 26° 10.00' N Long: 93° 29.90' W
Depth: 2000 m Wind Dir: 228.0° Wind Speed: 2.0 m/s Wave Dir: 155°
Barometer: 30.08 Air Temp Dry: 31.6 °C Air Temp Wet: 26.7 °C Secchi Depth: 23 m

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

Cruise: GULFCET 02 **Station:** 06-054
Date: 19-Aug-92 Time: 710 Lat: 26° 13.95' N Long: 92° 49.87' W
Depth: 2000 m Wind Dir: 230.0° Wind Speed: 3.8 m/s Wave Dir: 180°
Barometer: 30.07 Air Temp Dry: 28.0 °C Air Temp Wet: 22.8 °C Secchi Depth: m

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

Cruise: GULFCET 02 **Station:** 06-055
Date: 19-Aug-92 Time: 12 Lat: 26° 46.10' N Long: 92° 49.94' W
Depth: 1745 m Wind Dir: 160.0° Wind Speed: 5.2 m/s Wave Dir: 130°
Barometer: 30.07 Air Temp Dry: 27.7 °C Air Temp Wet: 25.0 °C Secchi Depth: Z m

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

Cruise: GULFCET 02 **Station:** 06-059
Date: 18-Aug-92 Time: 1649 Lat: 27° 25.95' N Long: 92° 49.97' W
Depth: 1035 m Wind Dir: 192.3° Wind Speed: 1.8 m/s Wave Dir: 140°
Barometer: 30.04 Air Temp Dry: °C Air Temp Wet: °C Secchi Depth: 22 m

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

Cruise: GULFCET 02 **Station:** 06-064
Date: 18-Aug-92 Time: 1038 Lat: 28° 01.95' N Long: 92° 50.00' W
Depth: 99 m Wind Dir: 216.2° Wind Speed: 3.9 m/s Wave Dir: 180°
Barometer: 30.09 Air Temp Dry: 28.3 °C Air Temp Wet: 25.0 °C Secchi Depth: 21 m

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

Cruise: GULFCET 02 **Station:** 07-065
Date: 18-Aug-92 Time: 622 Lat: 28° 02.04' N Long: 92° 09.96' W
Depth: 103 m Wind Dir: 182.0° Wind Speed: 5.0 m/s Wave Dir: MIX°
Barometer: 30.06 Air Temp Dry: Y °C Air Temp Wet: Y °C Secchi Depth: Z m

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

Cruise: GULFCET 02 **Station:** 07-071
Date: 17-Aug-92 Time: 2338 Lat: 27° 26.01' N Long: 92° 09.93' W
Depth: 814 m Wind Dir: 164.0° Wind Speed: 3.2 m/s Wave Dir: 145°
Barometer: 29.99 Air Temp Dry: °C Air Temp Wet: °C Secchi Depth: 21 m

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

Cruise: GULFCET 02 **Station:** 07-073
Date: 17-Aug-92 Time: 1620 Lat: 26° 45.99' N Long: 92° 09.98' W
Depth: 1800 m Wind Dir: 106.2° Wind Speed: 3.2 m/s Wave Dir: Z °
Barometer: 30.02 Air Temp Dry: °C Air Temp Wet: °C Secchi Depth: Z m

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

Cruise: GULFCET 02 **Station:** 07-075
Date: 17-Aug-92 Time: 1104 Lat: 26° 16.90' N Long: 92° 10.05' W
Depth: 2000 m Wind Dir: 11.0 ° Wind Speed: 1.3 m/s Wave Dir: 210°
Barometer: 30.05 Air Temp Dry: 26.9 °C Air Temp Wet: 22.8 °C Secchi Depth: 31 m

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

Cruise: GULFCET 02 **Station:** 08-076
Date: 17-Aug-92 Time: 500 Lat: 26° 37.02' N Long: 91° 30.01' W
Depth: 2000 m Wind Dir: 117.0° Wind Speed: 3.5 m/s Wave Dir: 180°
Barometer: 29.97 Air Temp Dry: 27.2 °C Air Temp Wet: 23.9 °C Secchi Depth: Z m

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

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

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

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

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

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

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

Cruise: GULFCET 02 **Station:** 09-093
Date: 15-Aug-92 Time: 2350 Lat: 27° 25.96' N Long: 90° 50.05' W
Depth: 1300 m Wind Dir: 45.8 ° Wind Speed: 4.9 m/s Wave Dir: Z °
Barometer: 30.03 Air Temp Dry: 27.7 °C Air Temp Wet: 24.4 °C Secchi Depth: Z m

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

Cruise: GULFCET 02 **Station:** 09-096
Date: 15-Aug-92 Time: 1550 Lat: 26° 45.00' N Long: 90° 49.97' W
Depth: 2000 m Wind Dir: 36.0 ° Wind Speed: 2.3 m/s Wave Dir: 20 °
Barometer: 30.02 Air Temp Dry: 27.7 °C Air Temp Wet: 24.4 °C Secchi Depth: 27 m

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

Cruise: GULFCET 02 **Station:** 10-097
Date: 15-Aug-92 Time: 823 Lat: 27° 10.06' N Long: 90° 09.92' W
Depth: 2000 m Wind Dir: 142.0° Wind Speed: 5.0 m/s Wave Dir: 210°
Barometer: 30.04 Air Temp Dry: Y °C Air Temp Wet: Y °C Secchi Depth: Z m

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

Cruise: GULFCET 02 **Station:** 10-100
Date: 15-Aug-92 Time: 142 Lat: 27° 45.99' N Long: 90° 09.96' W
Depth: 800 m Wind Dir: 93.0 ° Wind Speed: 2.6 m/s Wave Dir: 80 °
Barometer: 30.04 Air Temp Dry: 25.0 °C Air Temp Wet: 22.8 °C Secchi Depth: Z m

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

Cruise: GULFCET 02 **Station:** 10-105
Date: 14-Aug-92 Time: 2030 Lat: 28° 15.91' N Long: 90° 10.05' W
Depth: 94 m Wind Dir: 93.0 ° Wind Speed: 2.6 m/s Wave Dir: Z °
Barometer: 30.04 Air Temp Dry: 25.5 °C Air Temp Wet: 23.9 °C Secchi Depth: Z m

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

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

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

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

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

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

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

Cruise: GULFCET 02 **Station:** 12-116
Date: 13-Aug-92 Time: 1815 Lat: 27° 25.97' N Long: 88° 49.89' W
Depth: 2000 m Wind Dir: 223.0° Wind Speed: 4.5 m/s Wave Dir: 210°
Barometer: 30.00 Air Temp Dry: 27.2 °C Air Temp Wet: 25.3 °C Secchi Depth: m

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

Cruise: GULFCET 02 **Station:** 12-125
Date: 13-Aug-92 Time: 22 Lat: 29° 06.29' N Long: 88° 50.06' W
Depth: 95 m Wind Dir: 200.0° Wind Speed: 7.5 m/s Wave Dir: 180°
Barometer: 29.95 Air Temp Dry: Z °C Air Temp Wet: Z °C Secchi Depth: Z m

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

Cruise: GULFCET 02 **Station:** 13-126
Date: 12-Aug-92 Time: 1915 Lat: 29° 16.49' N Long: 88° 09.91' W
Depth: 95 m Wind Dir: 175.3° Wind Speed: 6.7 m/s Wave Dir: 130°
Barometer: 29.95 Air Temp Dry: 27.5 °C Air Temp Wet: 25.0 °C Secchi Depth: 13 m

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

Cruise: GULFCET 02 **Station:** 13-133
Date: 12-Aug-92 Time: 1325 Lat: 28° 46.01' N Long: 88° 09.92' W
Depth: 1850 m Wind Dir: 184.4° Wind Speed: 5.5 m/s Wave Dir: 150°
Barometer: 29.98 Air Temp Dry: 28.8 °C Air Temp Wet: 25.6 °C Secchi Depth: 21 m

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

Cruise: GULFCET 02 **Station:** 13-134
Date: 12-Aug-92 Time: 900 Lat: 28° 37.03' N Long: 88° 09.89' W
Depth: 2000 m Wind Dir: 171.6° Wind Speed: 6.9 m/s Wave Dir: 140°
Barometer: 29.97 Air Temp Dry: 27.7 °C Air Temp Wet: 22.2 °C Secchi Depth: 25 m

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

Cruise: GULFCET 02 **Station:** 14-135
Date: 12-Aug-92 Time: 318 Lat: 28° 31.07' N Long: 87° 29.92' W
Depth: 2000 m Wind Dir: 171.0° Wind Speed: 6.0 m/s Wave Dir: 90 °
Barometer: 29.93 Air Temp Dry: 28.3 °C Air Temp Wet: 25.0 °C Secchi Depth: Z m

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

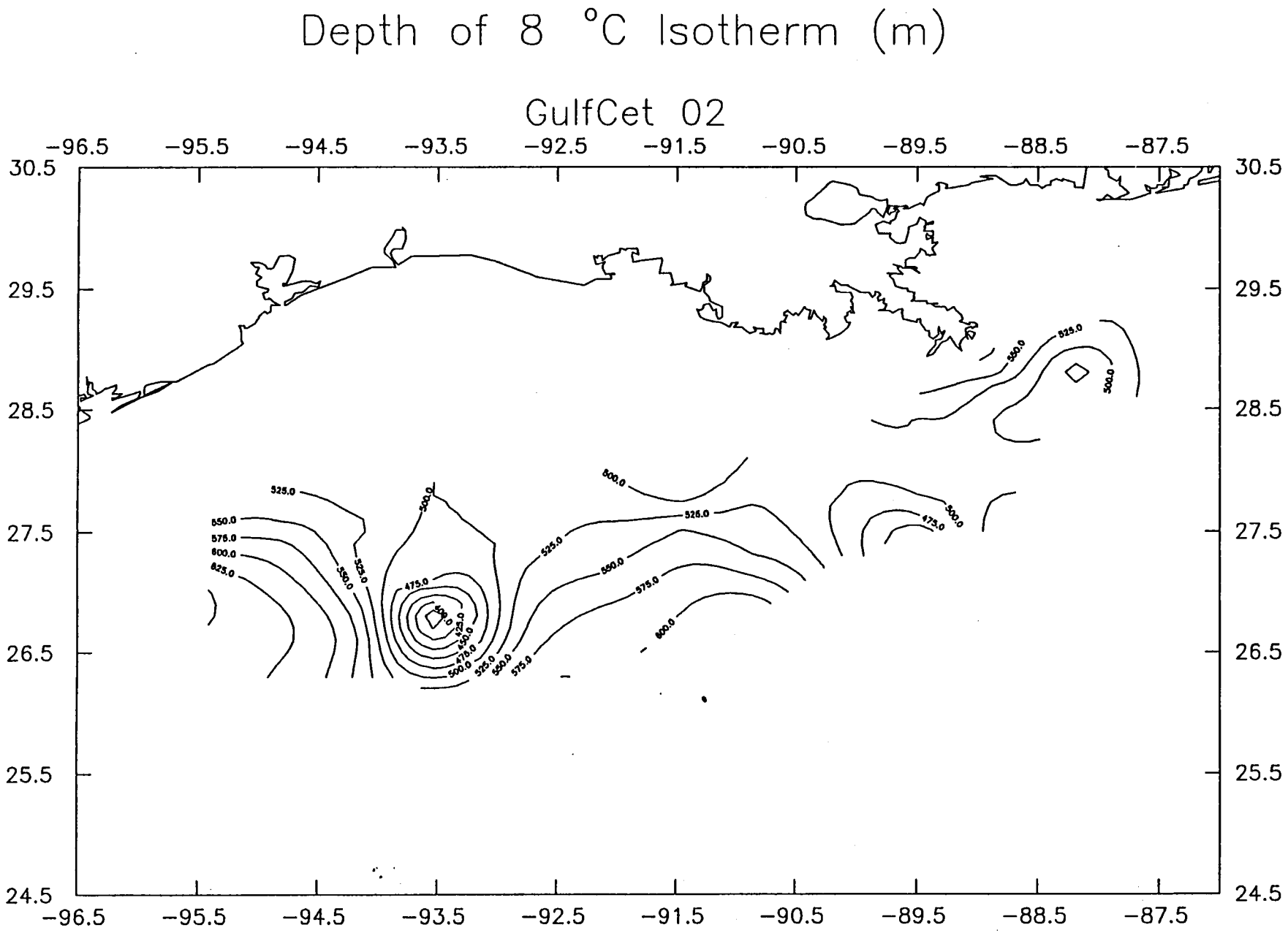
Cruise: GULFCET 02 **Station:** 14-136
Date: 11-Aug-92 Time: 2307 Lat: 28° 46.03' N Long: 87° 29.99' W
Depth: 1600 m Wind Dir: 139.3° Wind Speed: 6.0 m/s Wave Dir: Z °
Barometer: 29.97 Air Temp Dry: 28.3 °C Air Temp Wet: 25.6 °C Secchi Depth: Z m

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

Cruise: GULFCET 02 **Station:** 14-143
Date: 11-Aug-92 Time: 1555 Lat: 29° 27.09' N Long: 87° 29.89' W
Depth: 82 m Wind Dir: 133.4° Wind Speed: 5.1 m/s Wave Dir: 150°
Barometer: 29.95 Air Temp Dry: 29.4 °C Air Temp Wet: 25.6 °C Secchi Depth: 15 m

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

3.4 Analyzed Temperature Data


Depth of 8 °C Isotherm (m)
GulfCet 02
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
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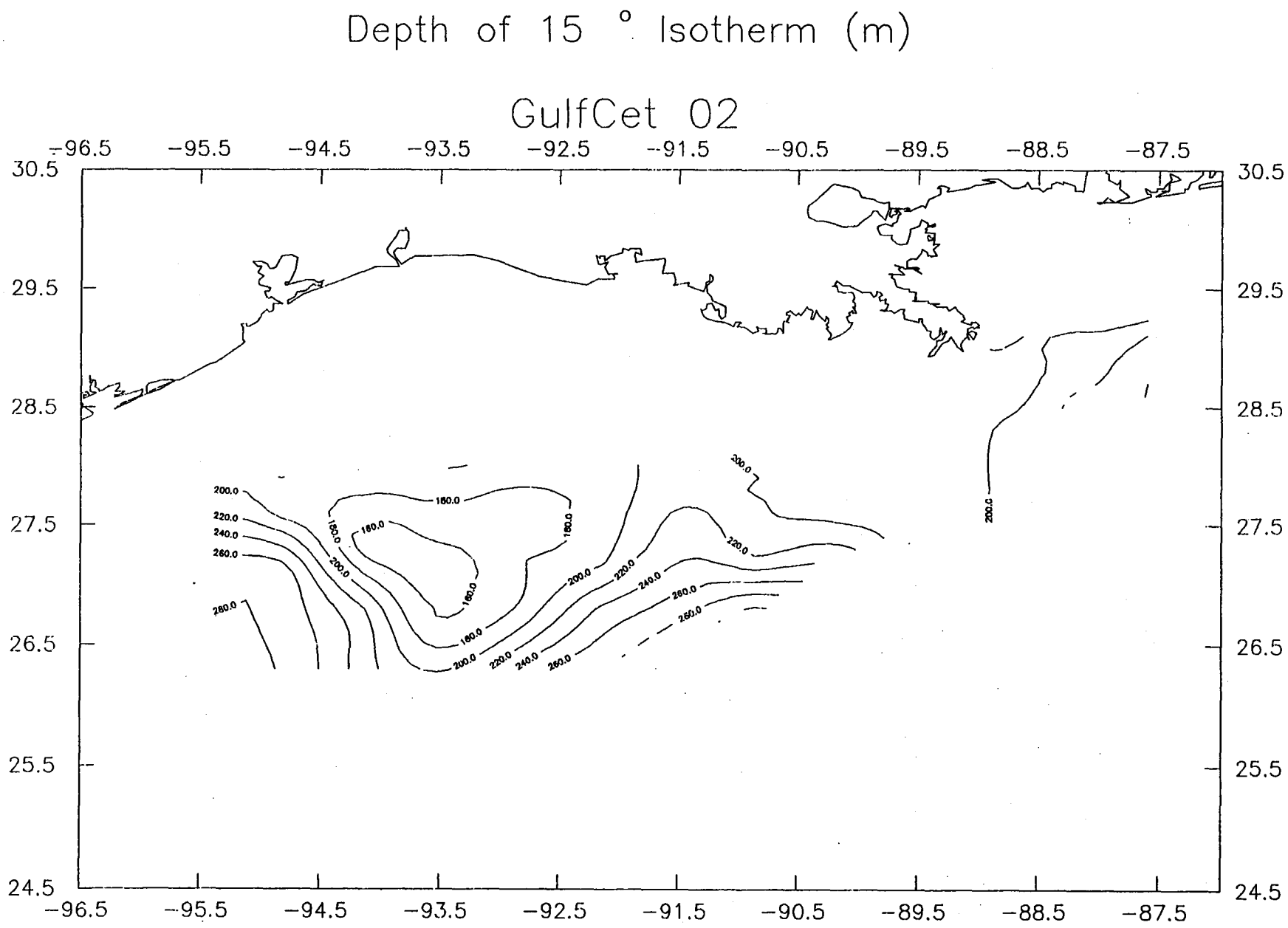
26.5
25.5
24.5


Depth of 15 ° Isotherm (m)
GulfCet 02
-96.5
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-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
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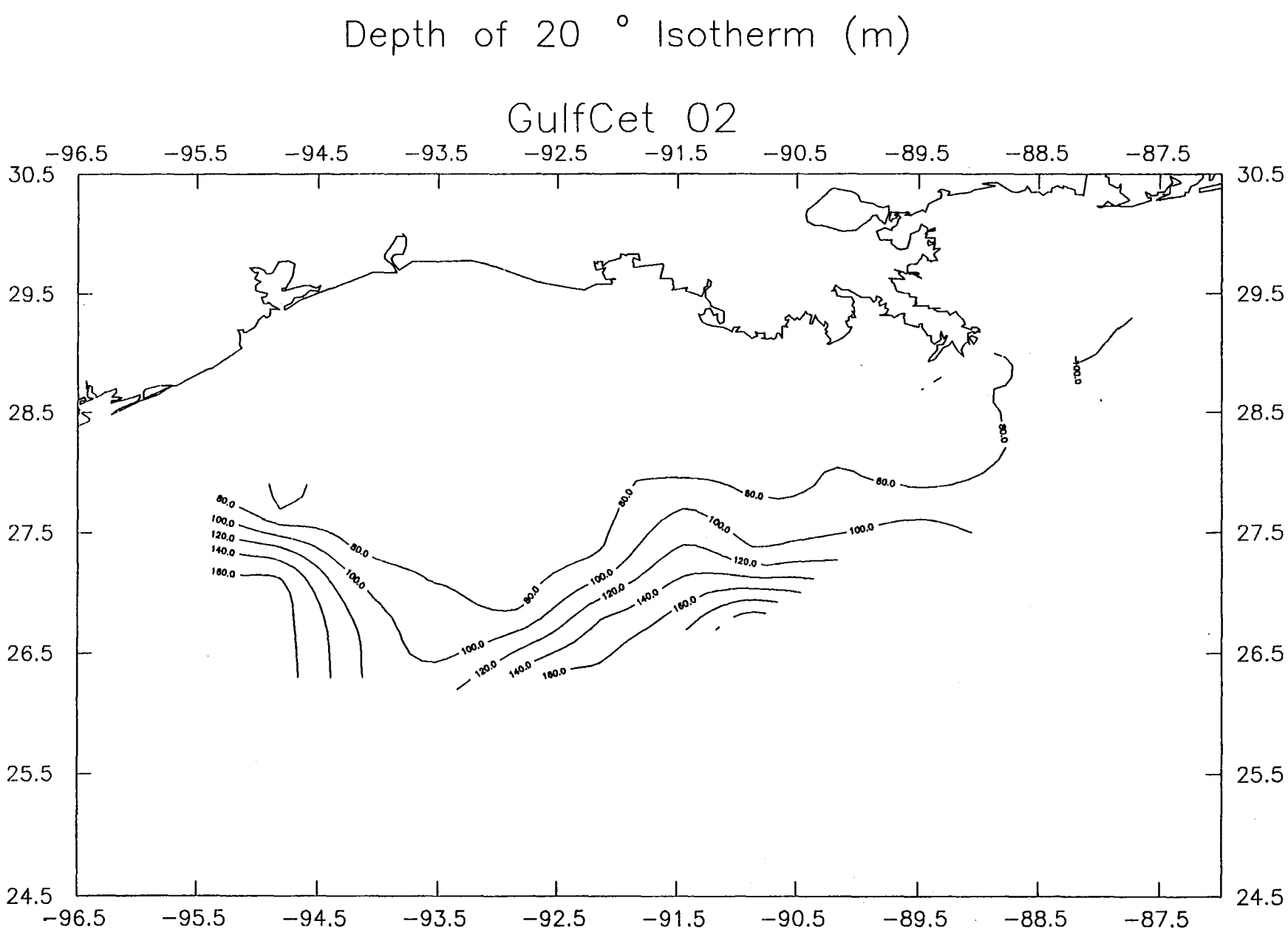
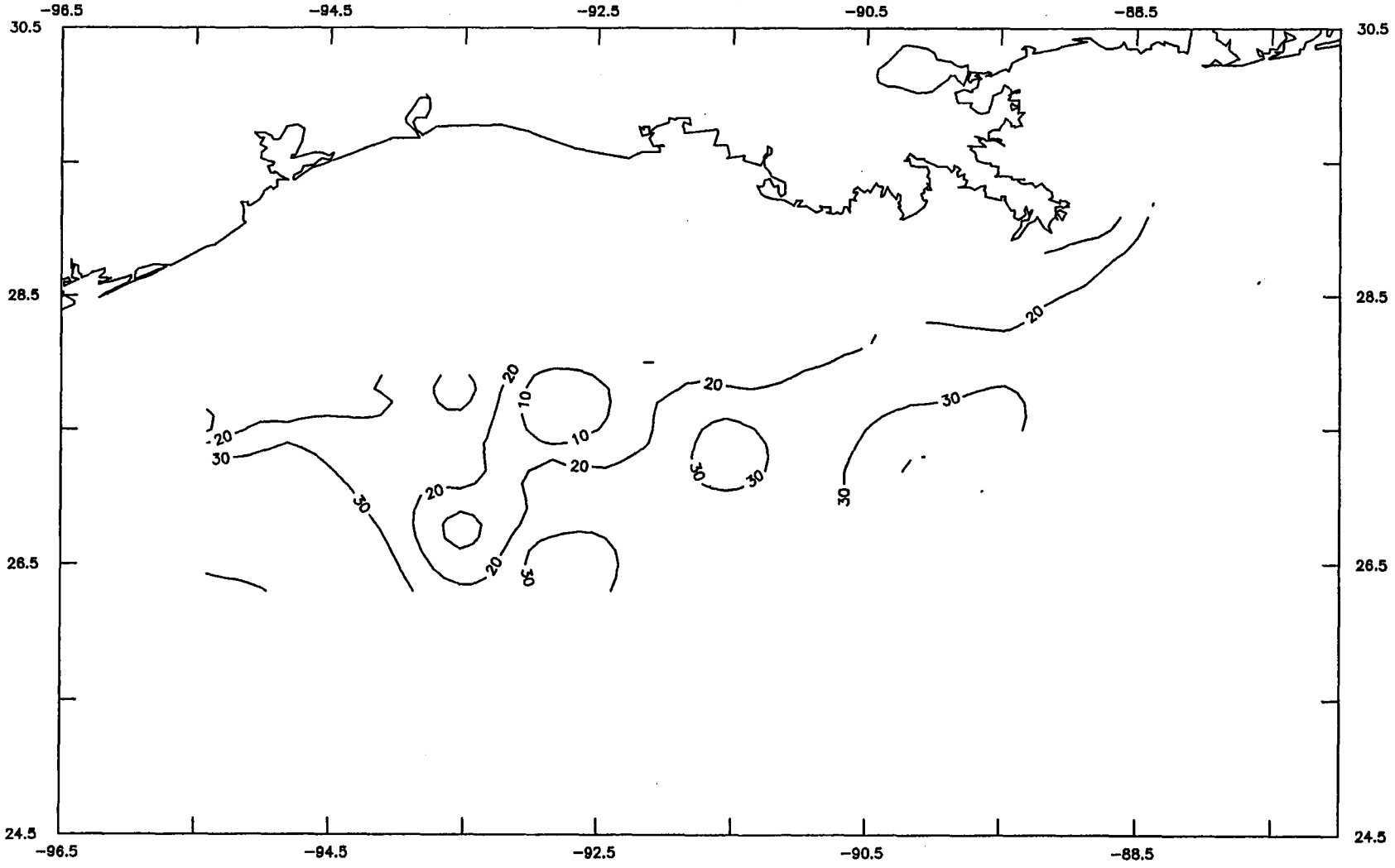
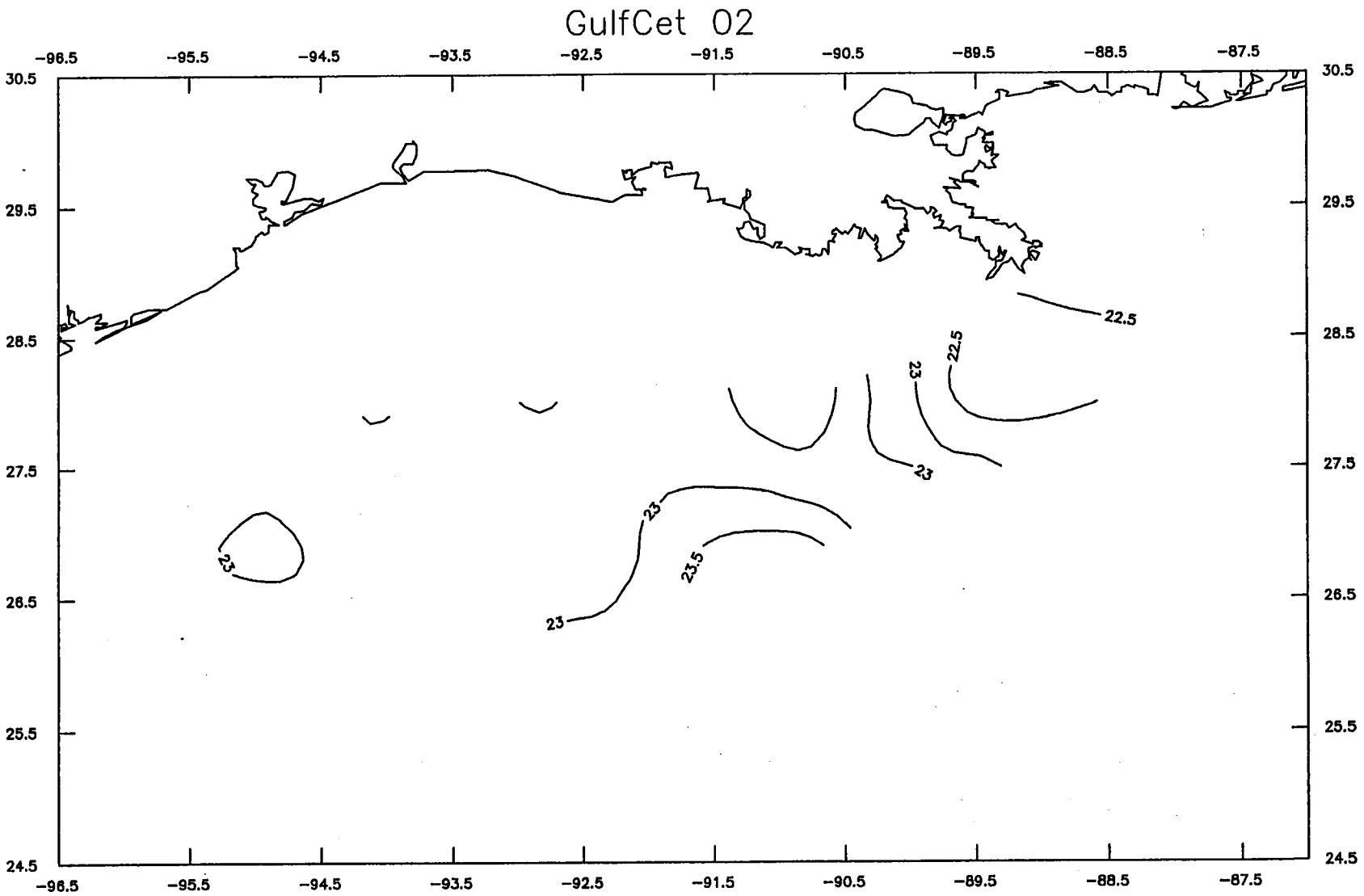

Depth of 20 ° Isotherm (m)
GulfCet 02
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
80.0
100.0
120.0
140.0
160.0

Mixed Layer Depth

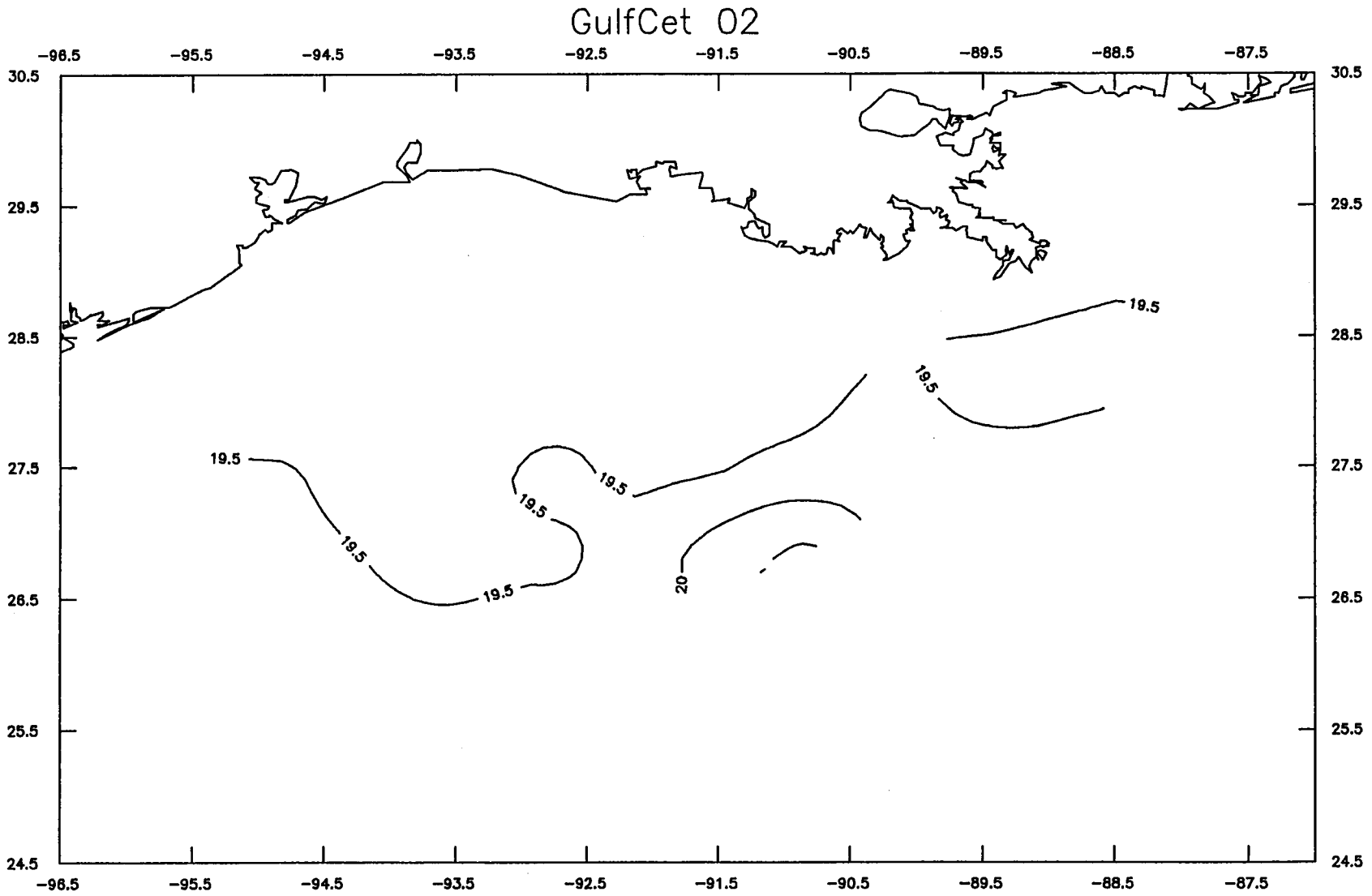
GulfCet 02 : 8/10-24/92

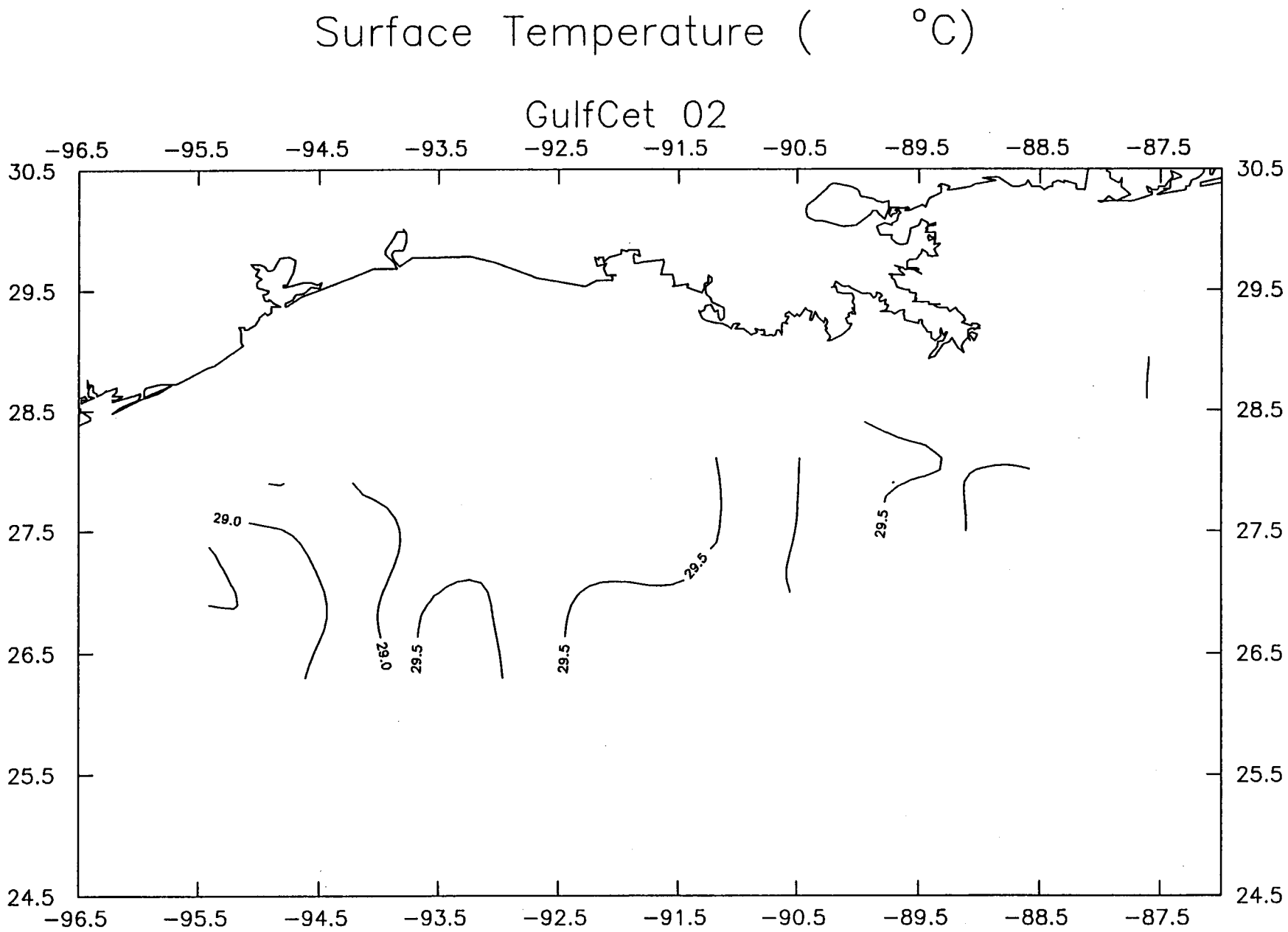


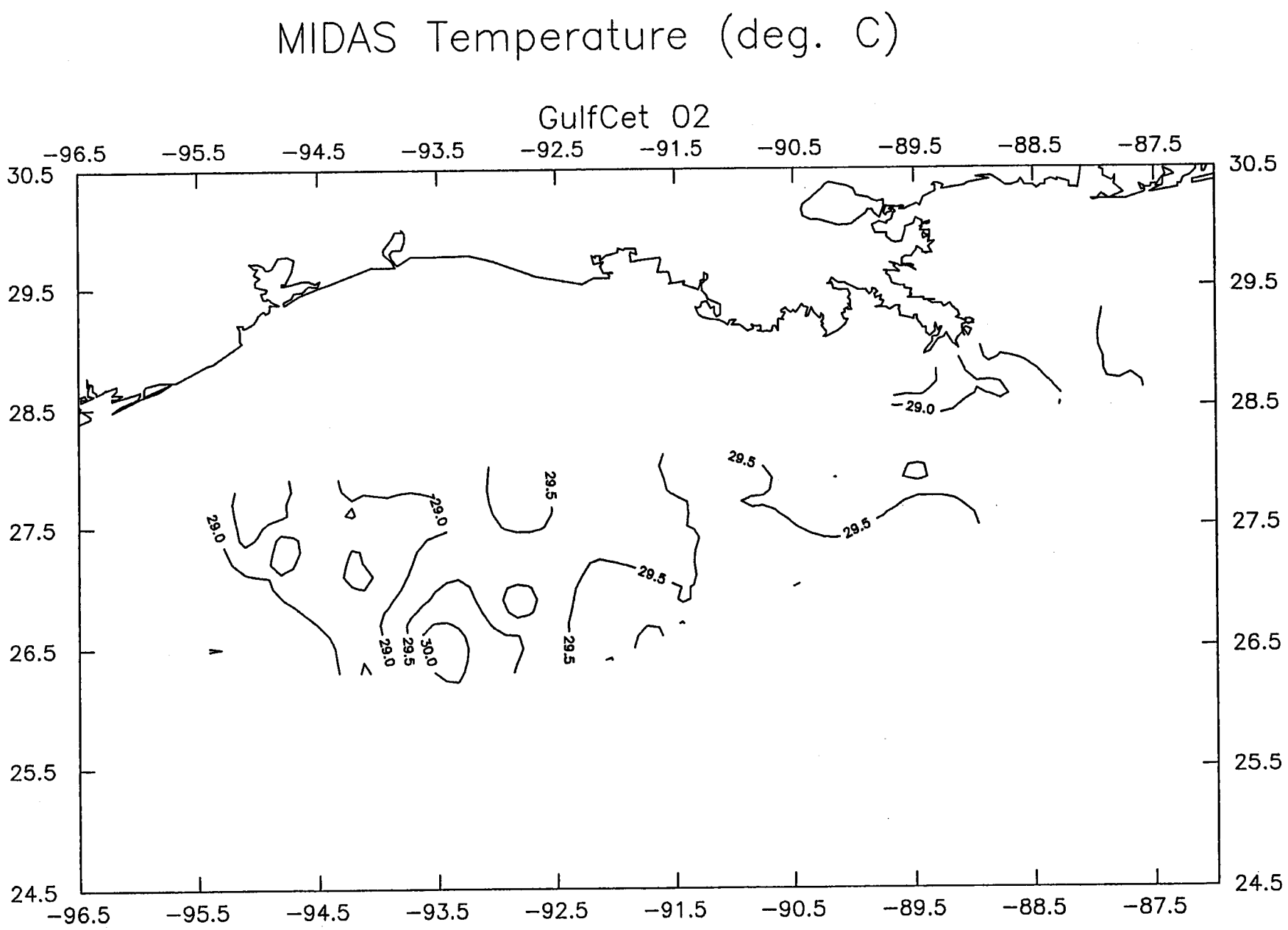
Temperature (°C) at Reference Density 25



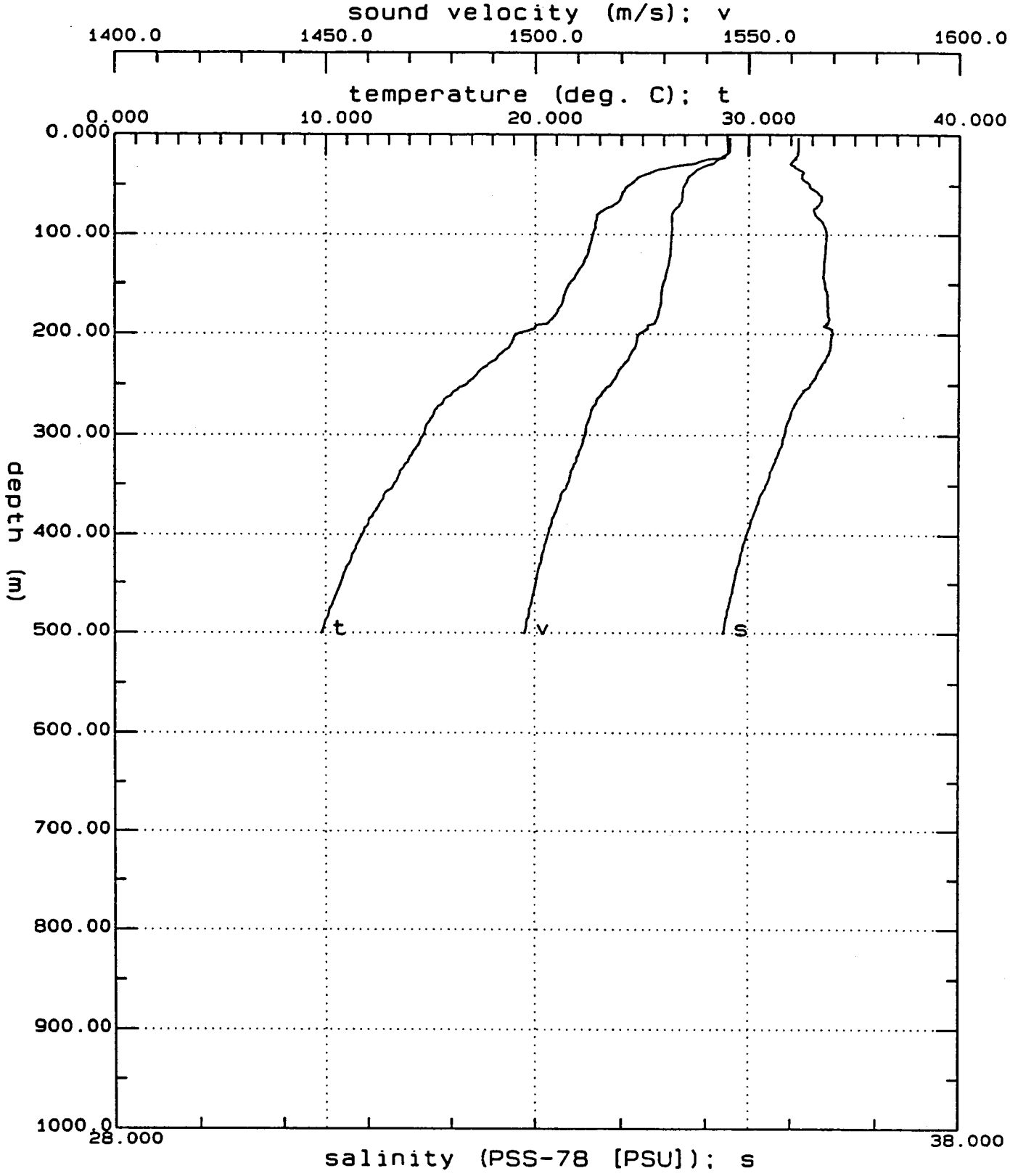
Temperature (°C) at Reference Density 26



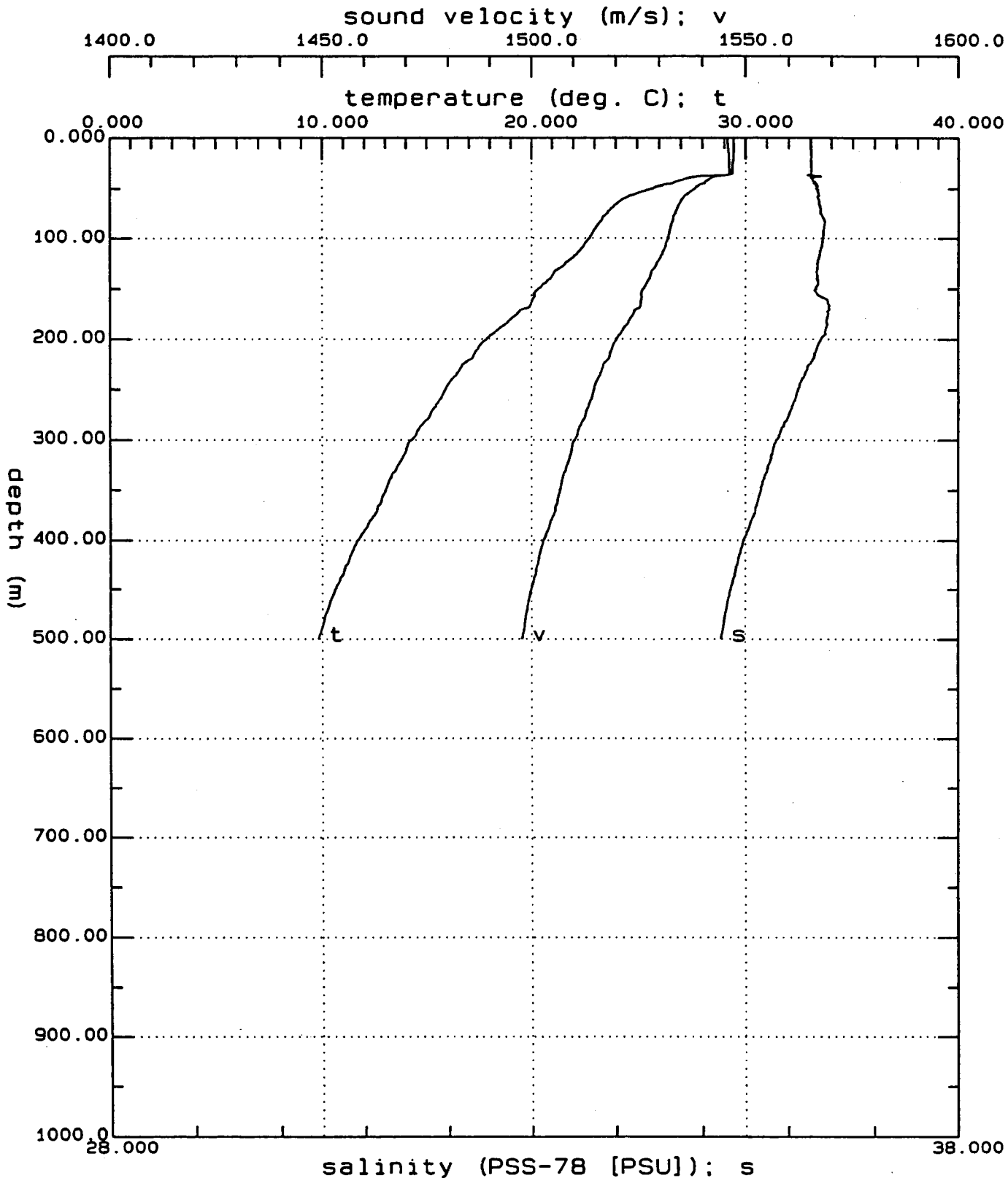

Surface Temperature (°C)
GulfCet 02
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
29.0
29.0
29.5
29.5
29.5
29.5


MIDAS Temperature (deg. C)
GulfCet 02
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
29.0
29.5
30.0

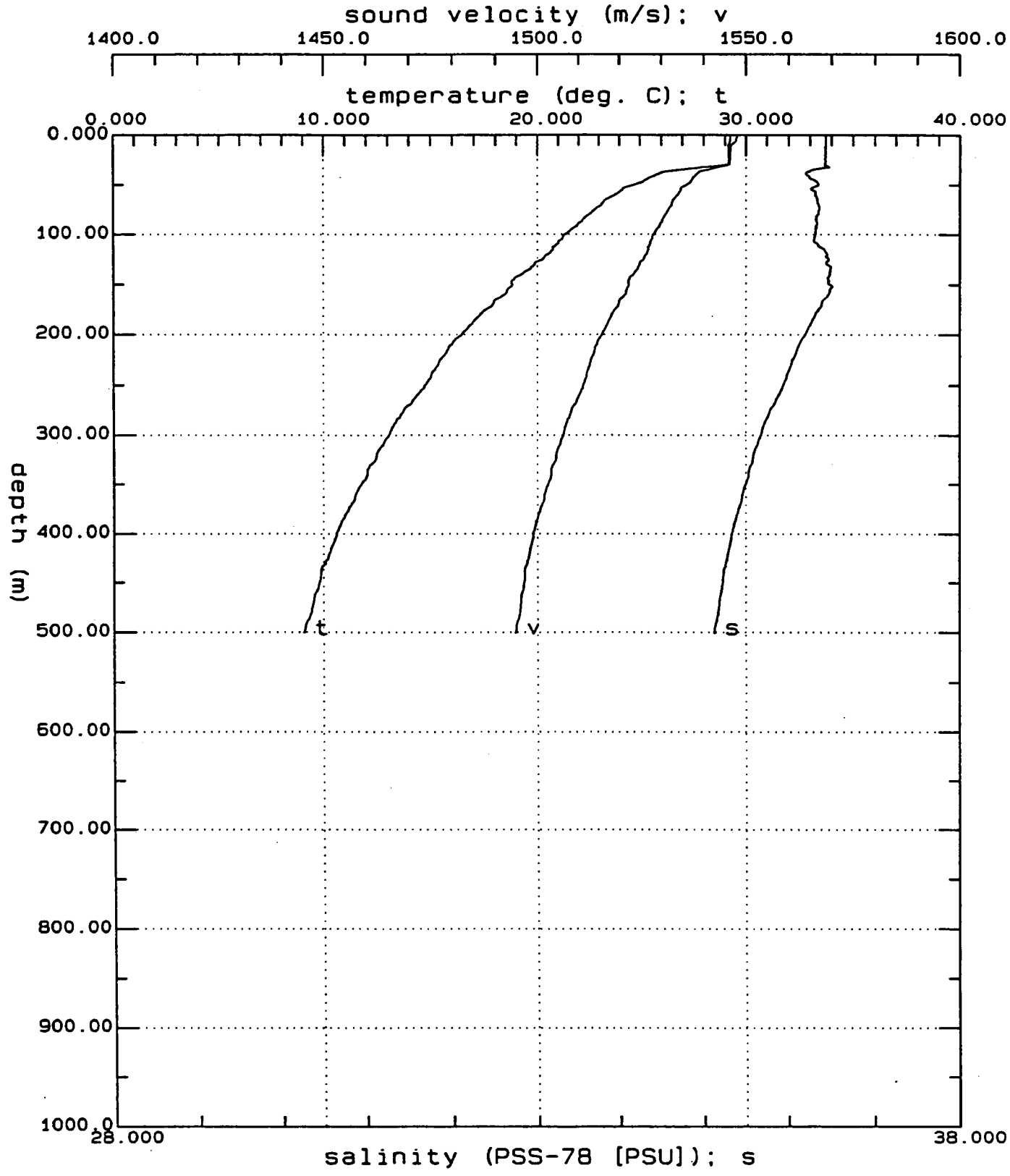
3.5 Vertical Profiles



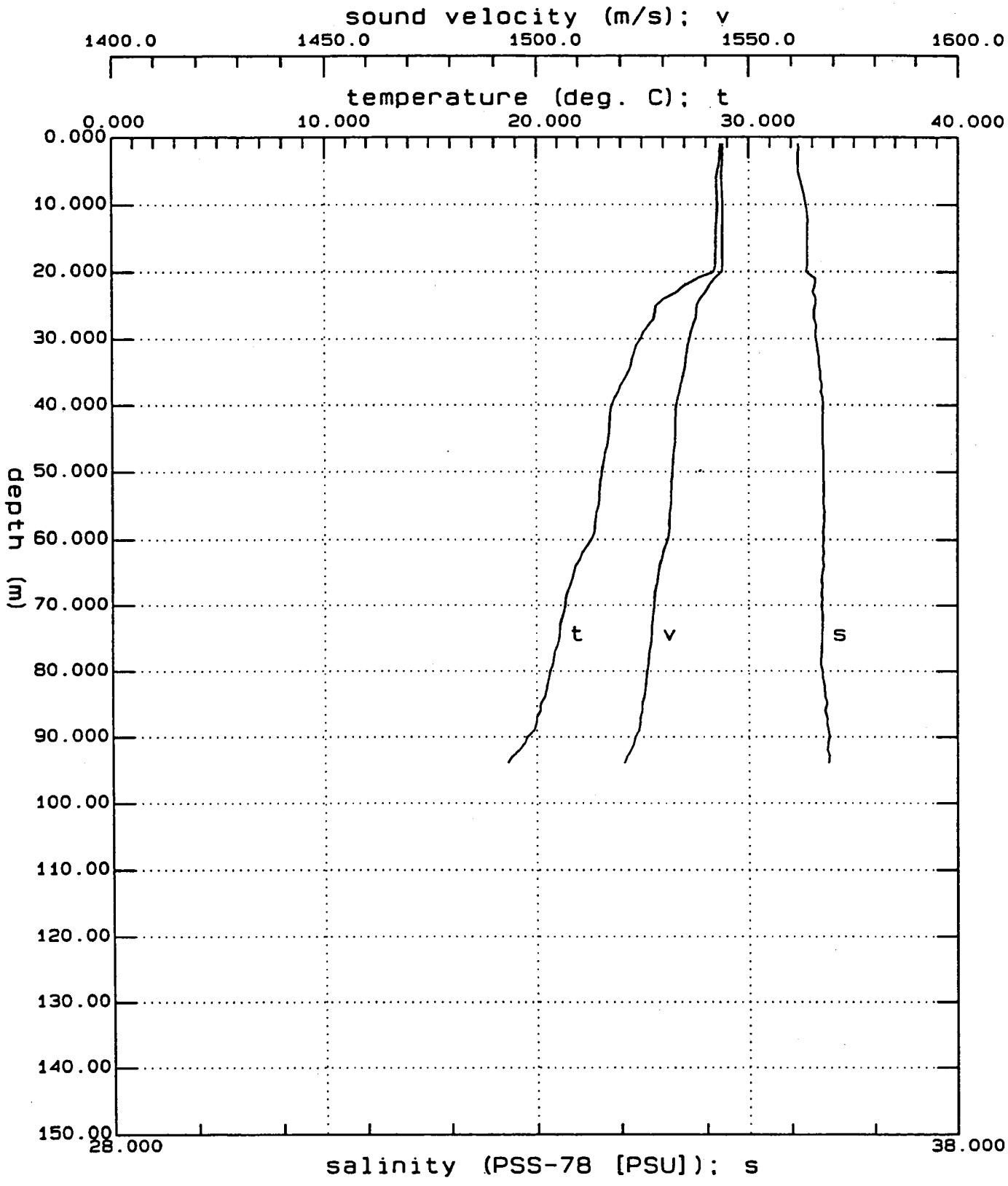
02-010.CNV: Gulfcet Cruise 02



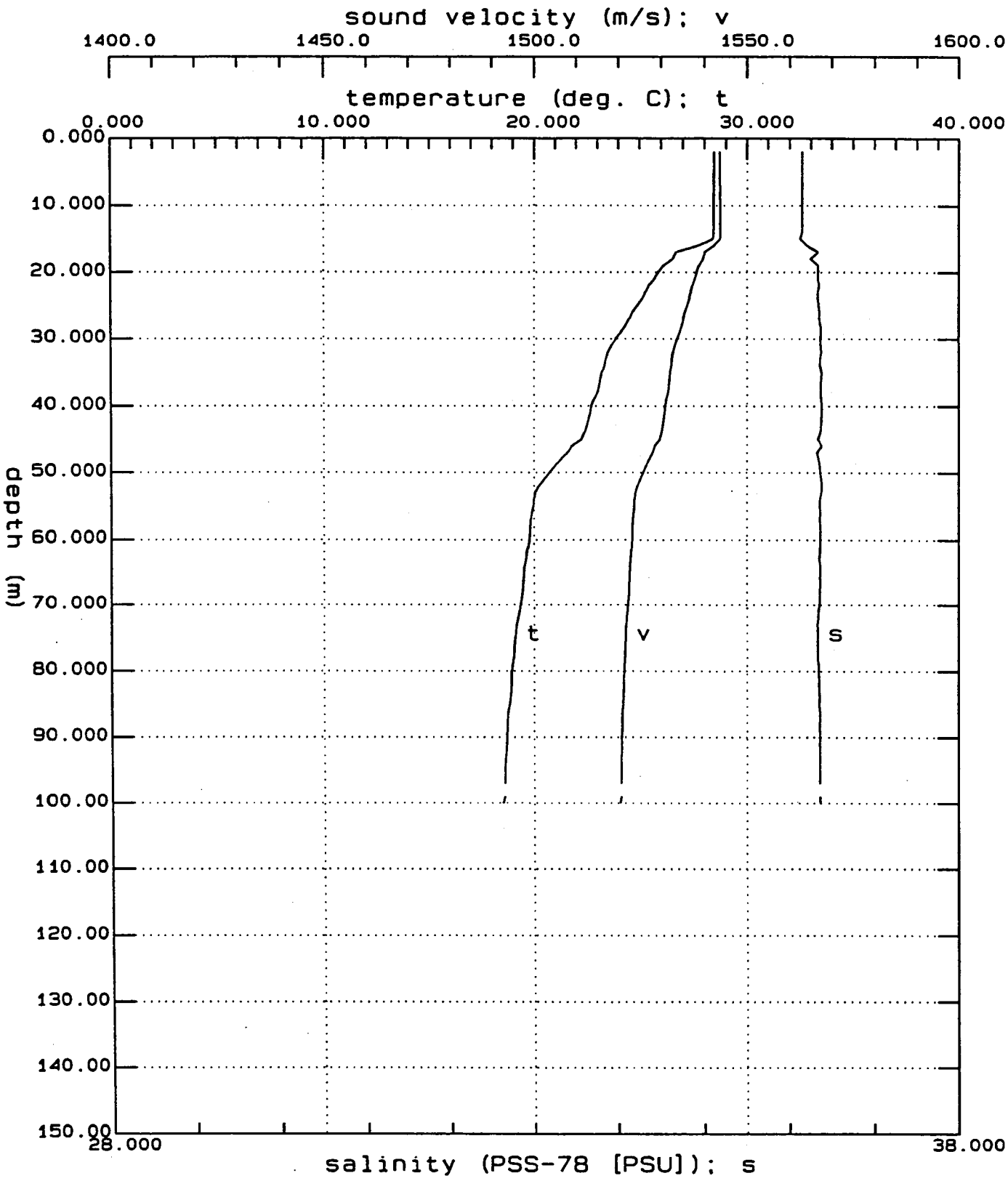
02-013.CNV: Gulfcet Cruise 02



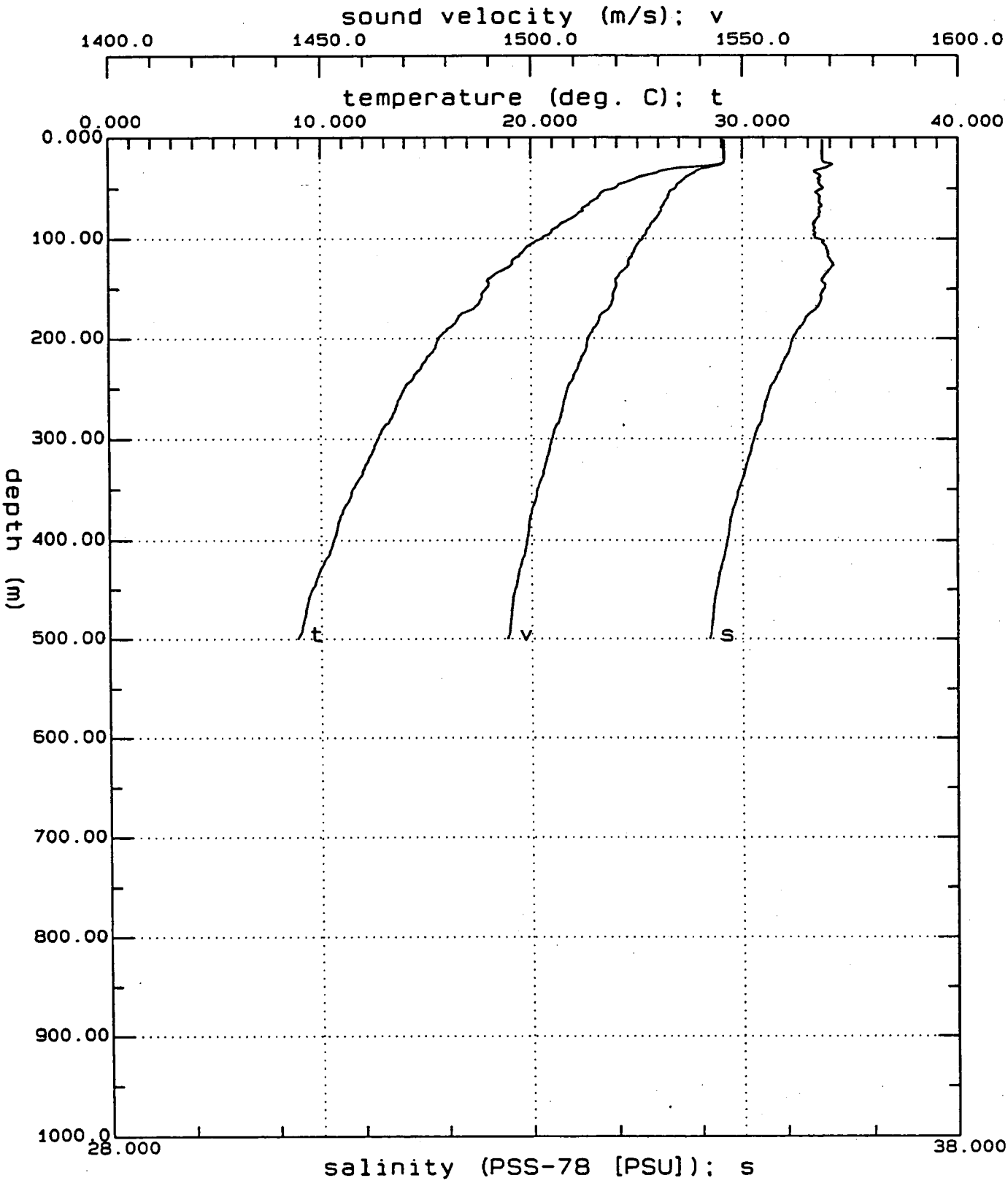
02-015.CNV: Gulfcet Cruise 02



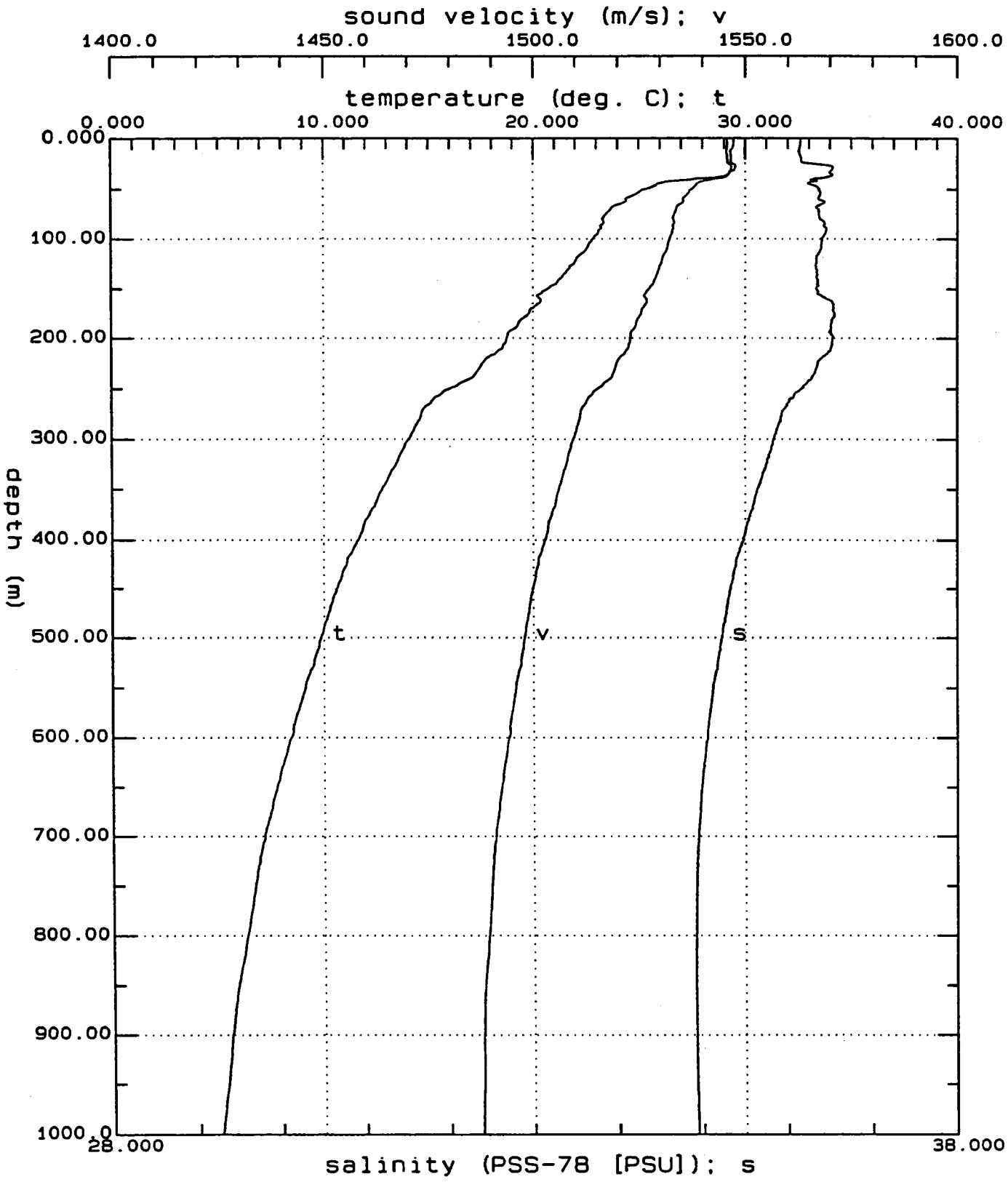
02-020.CNV: Gulfcet Cruise 02



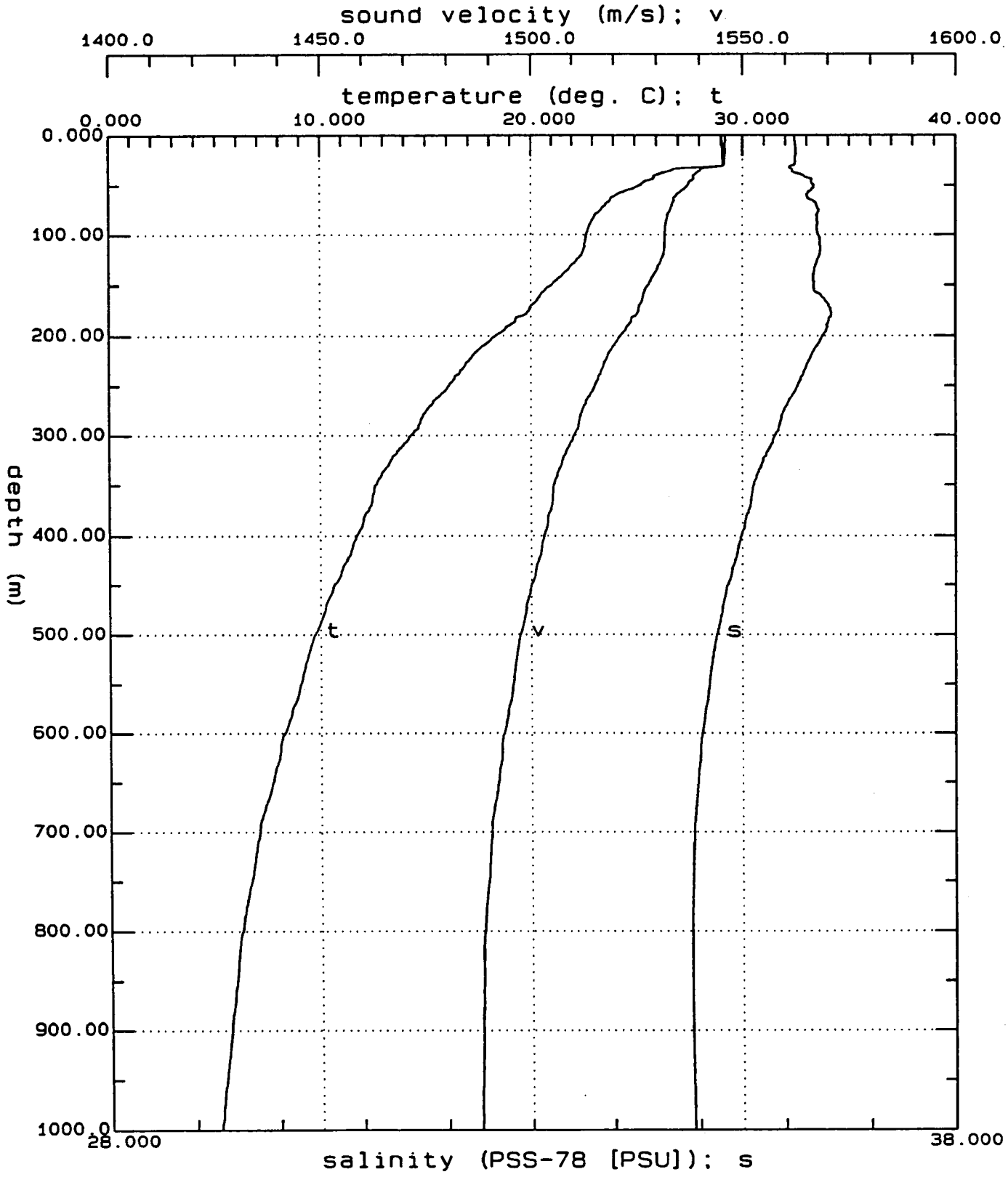
03-021.CNV: Gulfcet Cruise 02



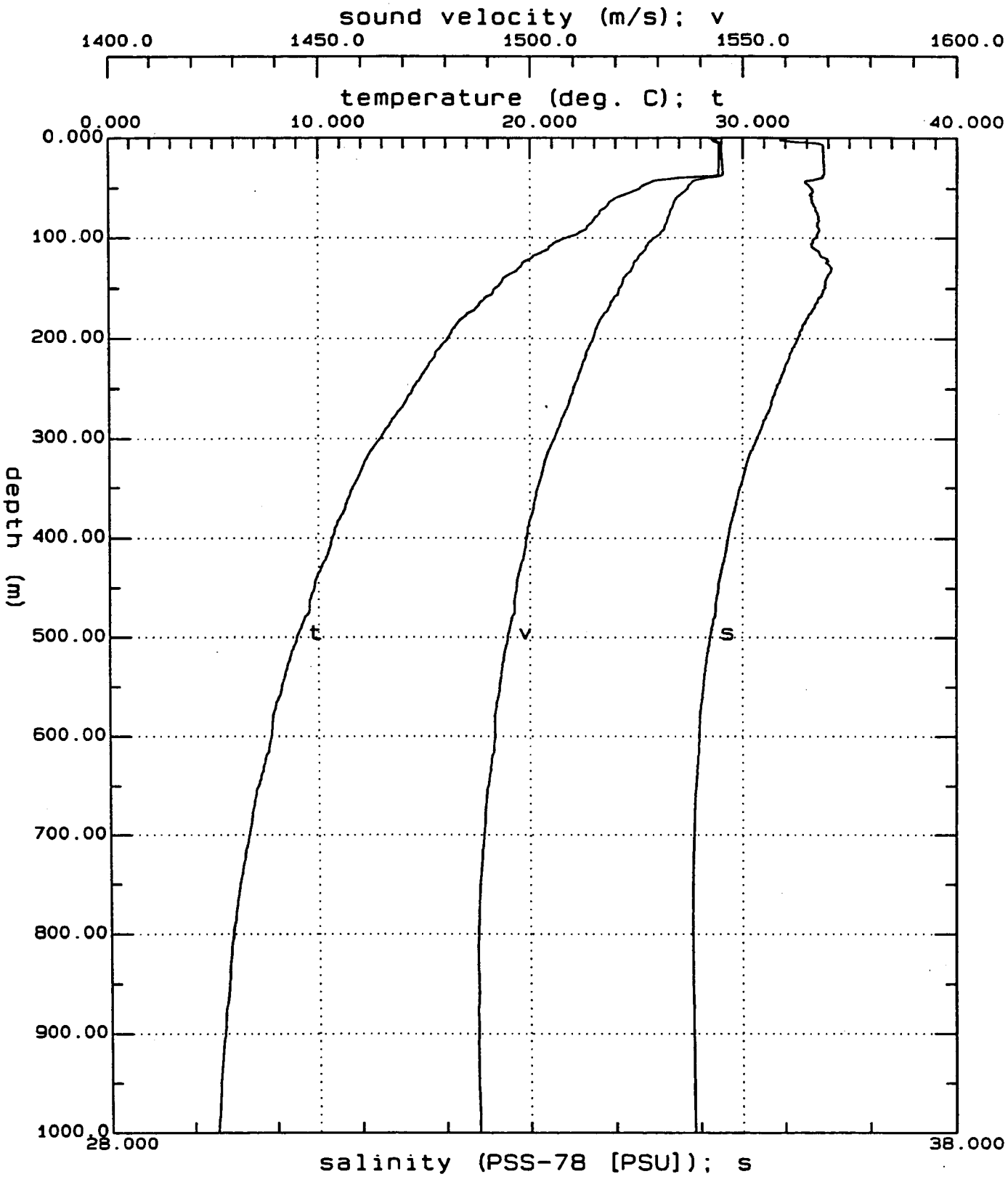
03-026.CNV: Gulfcet Cruise 02



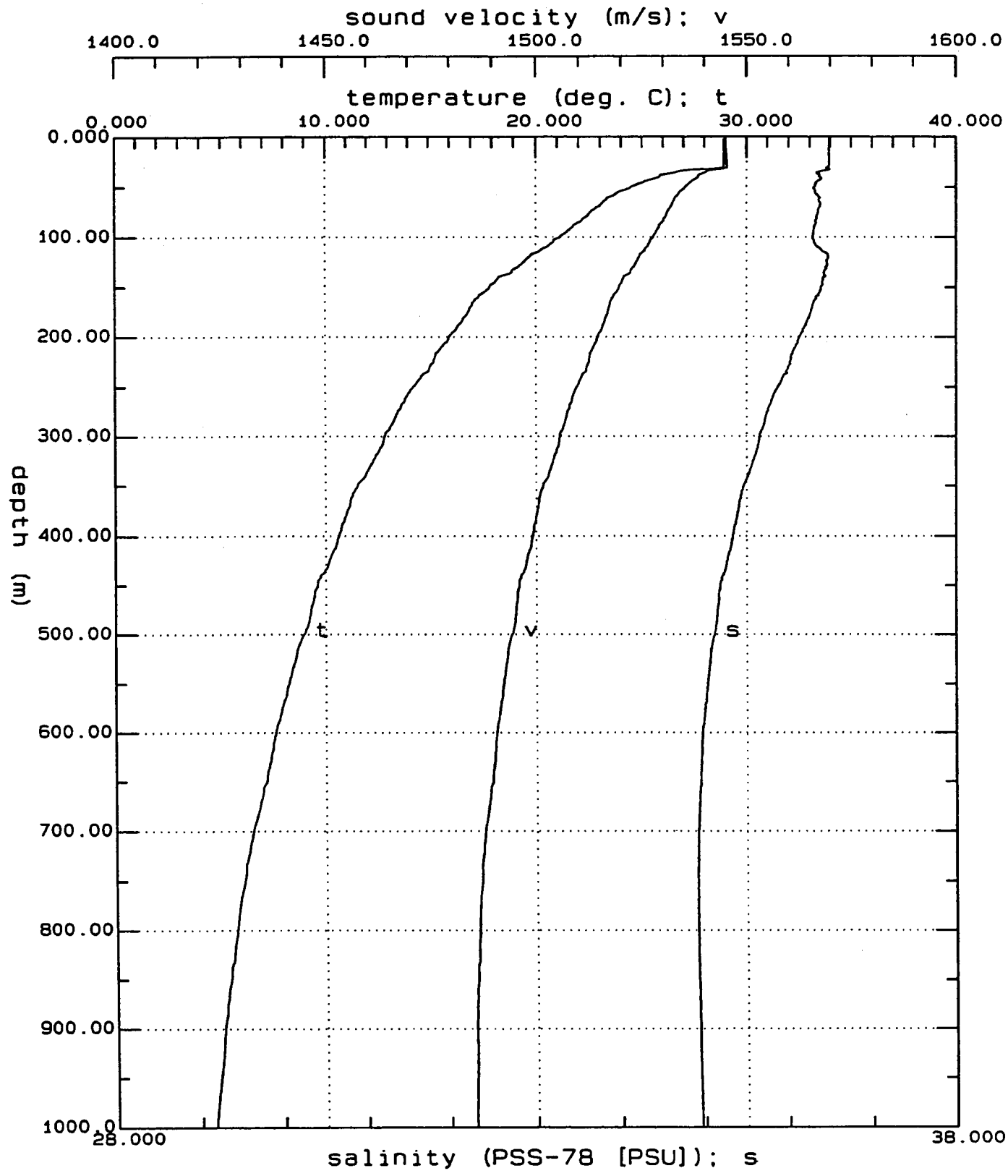
03-029.CNV: Gulfcet Cruise 02



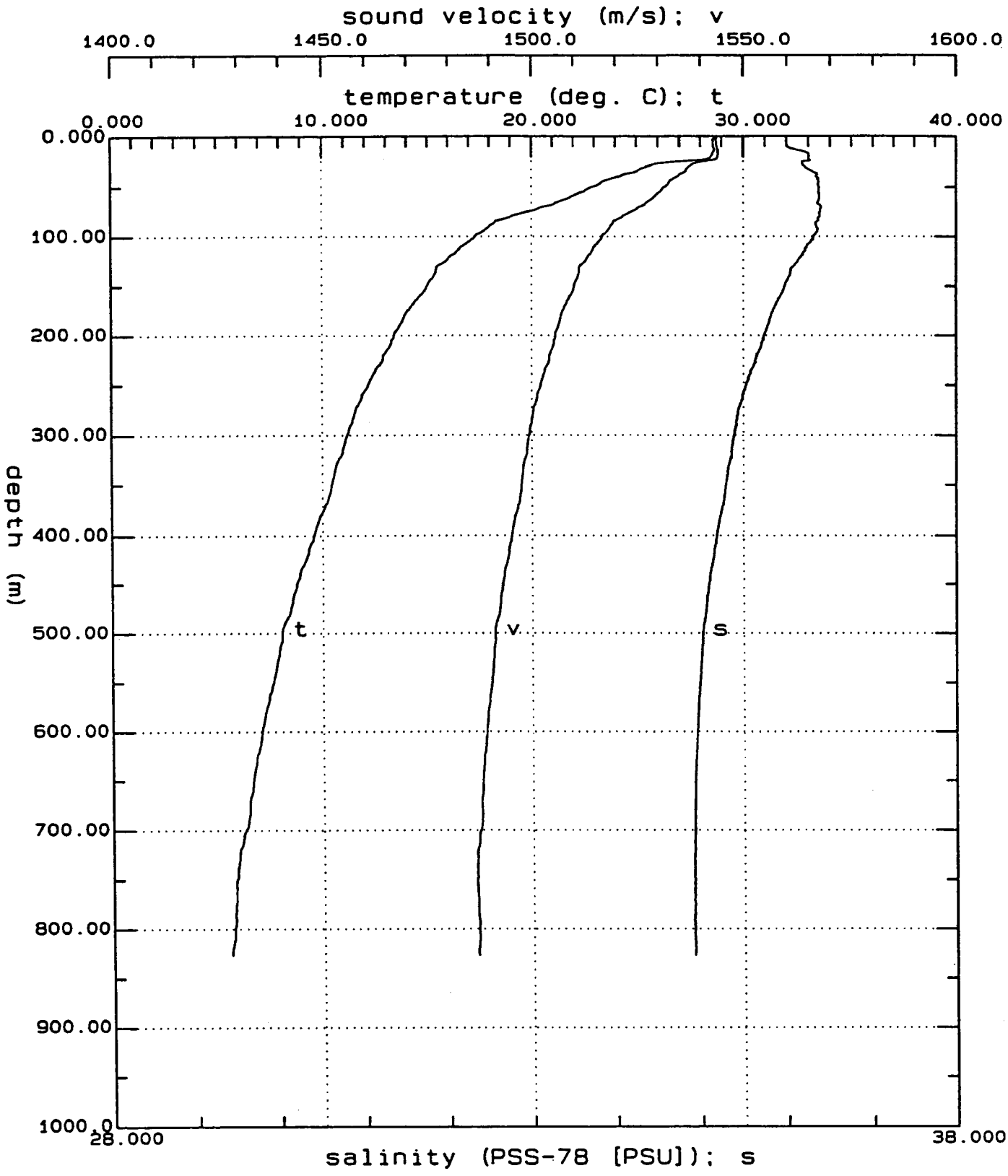
03-030.CNV: Gulfcet Cruise 02



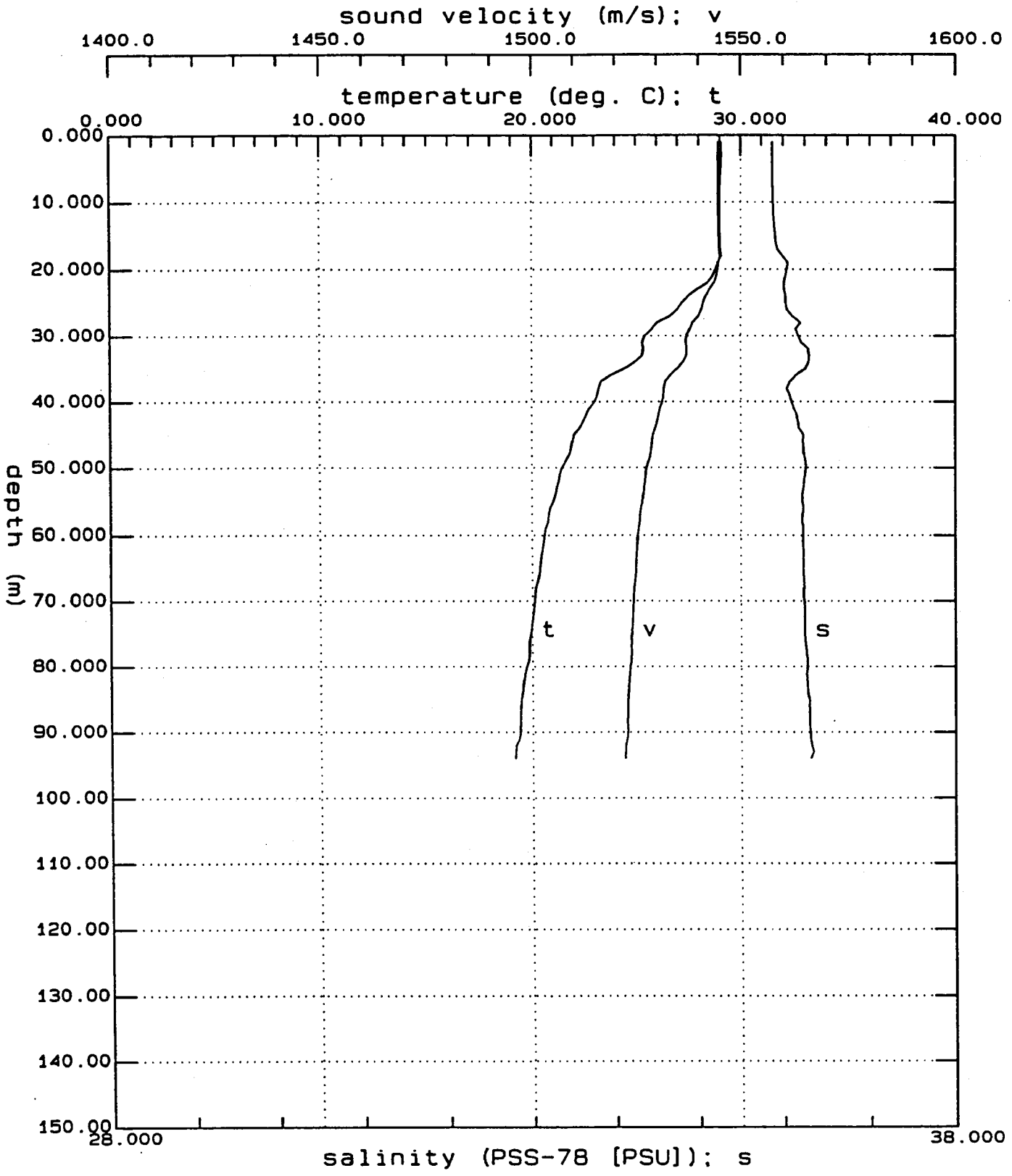
04-031.CNV: Gulfcet Cruise 02



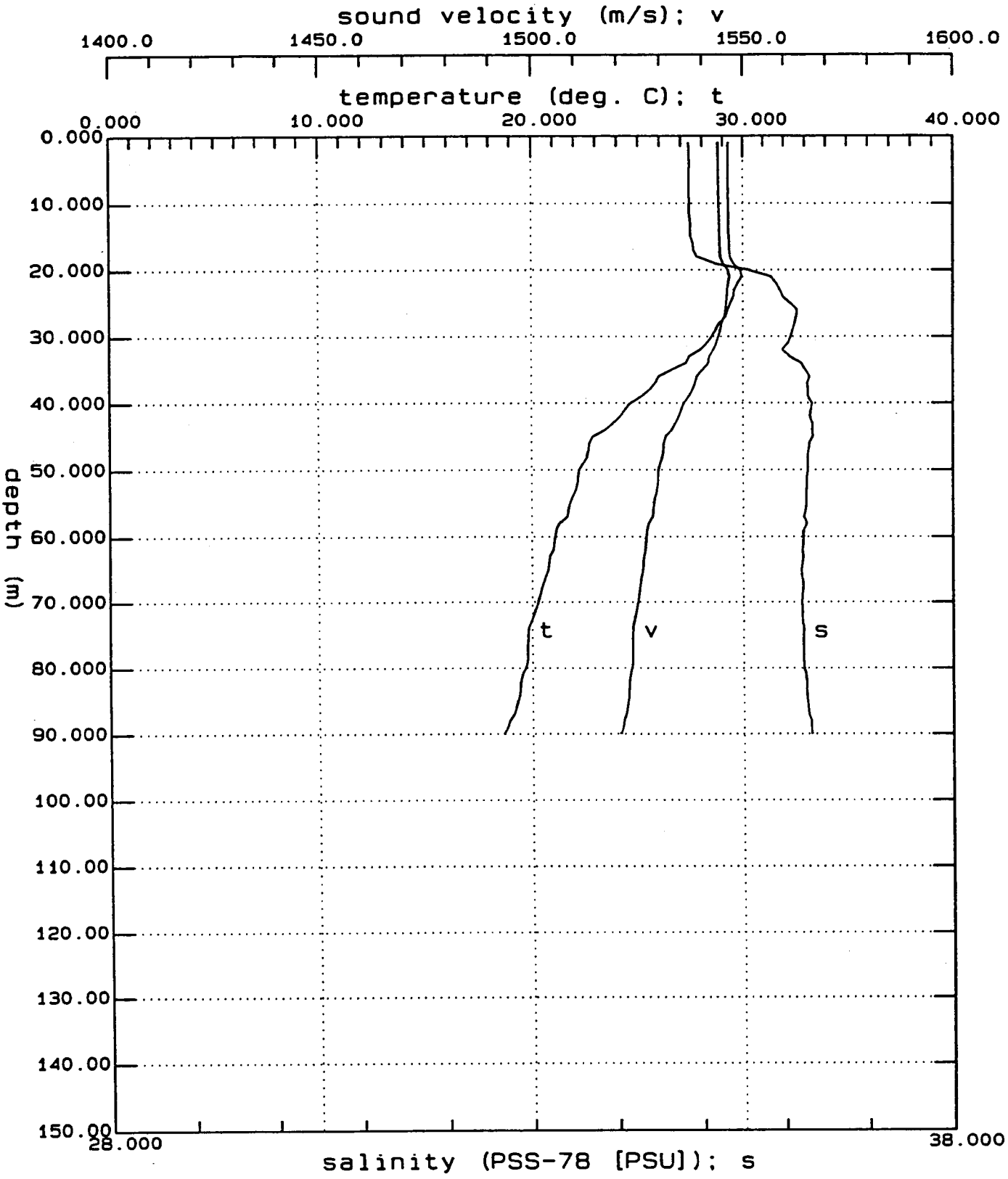
04-033.CNV: Gulfcet Cruise 02



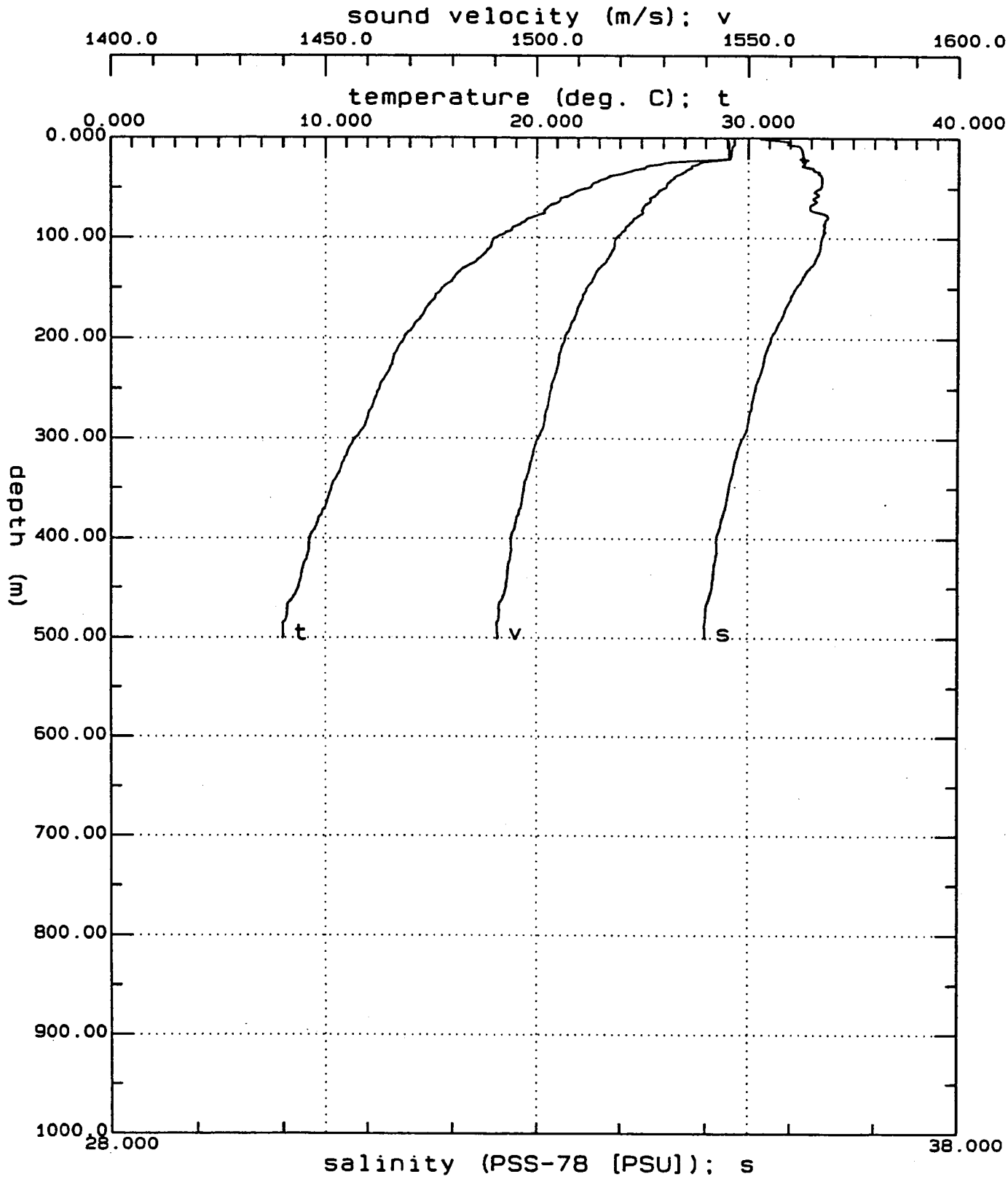
04-036.CNV: Gulfcet Cruise 02



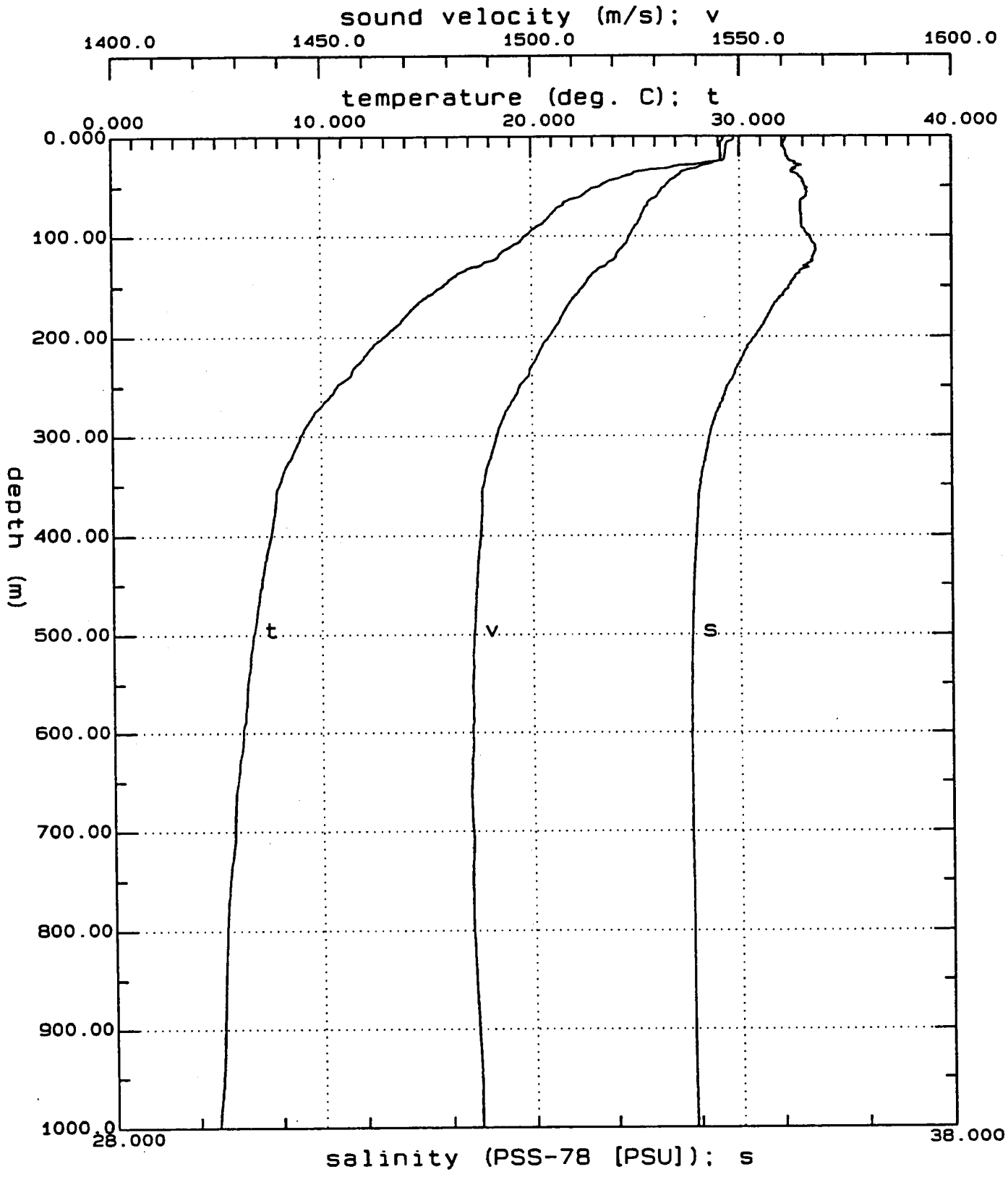
04-042.CNV: Gulfcet Cruise 02



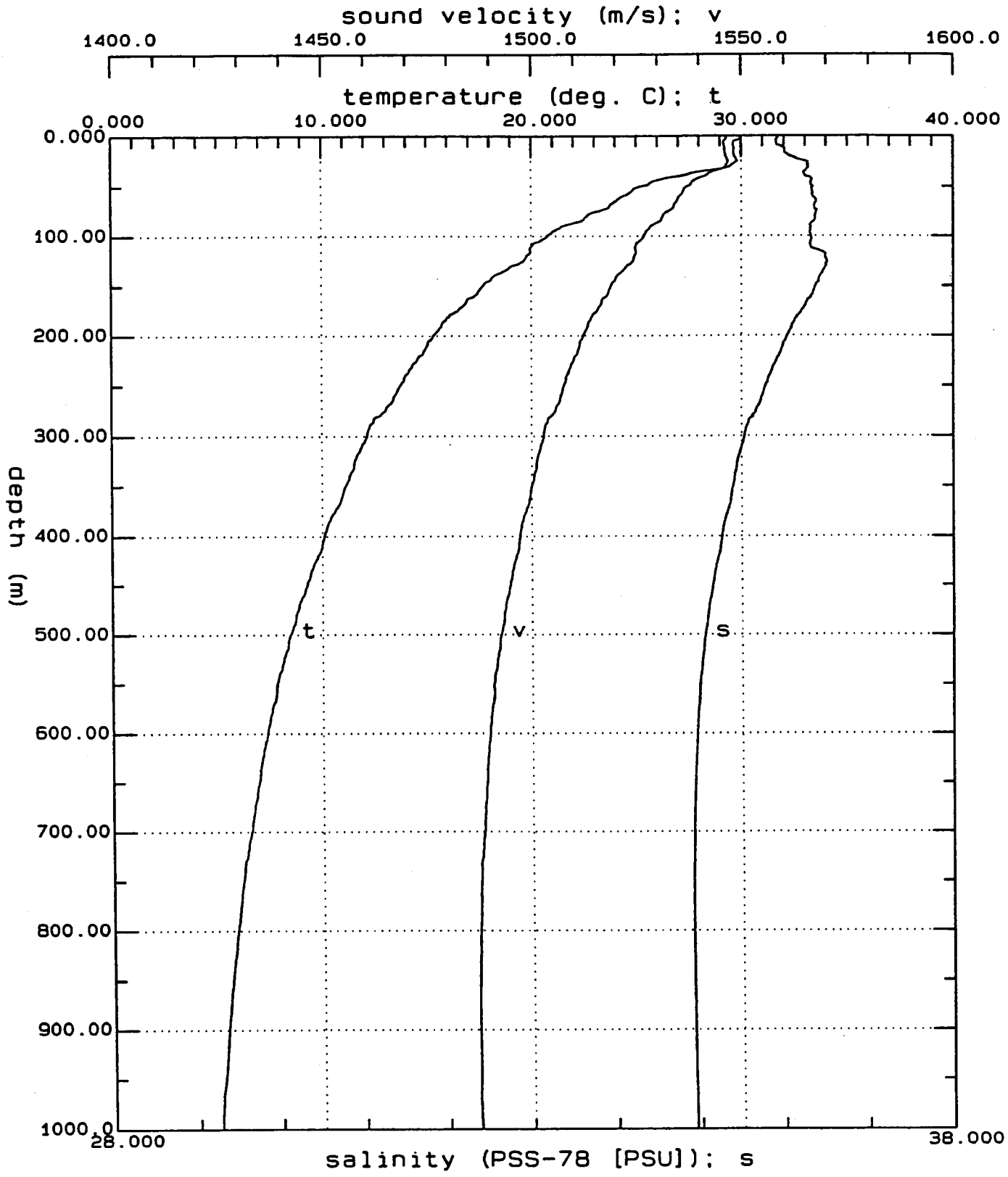
05-43.CNV: Gulfcet Cruise 02



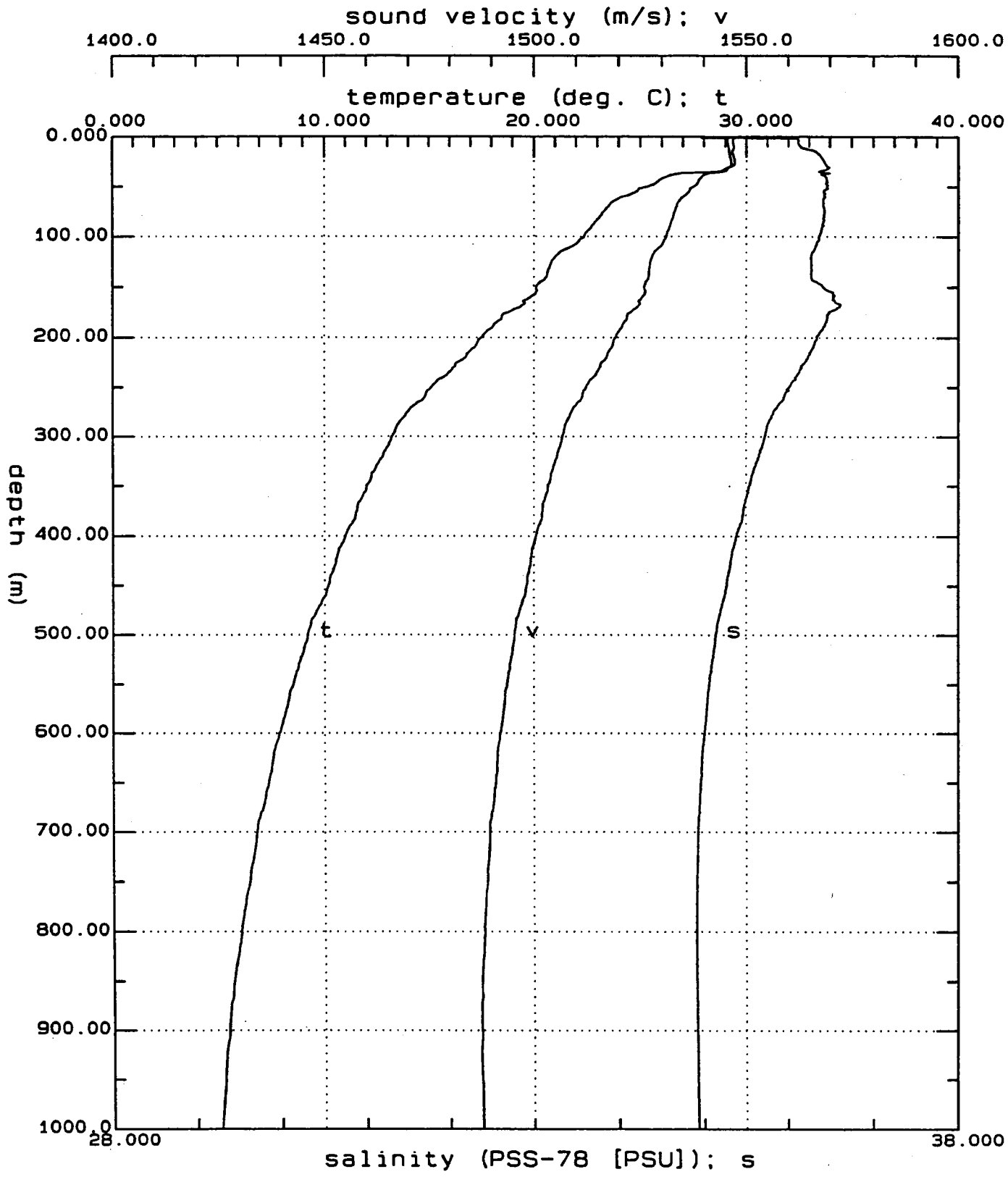
05-47.CNV: Gulfcet Cruise 02



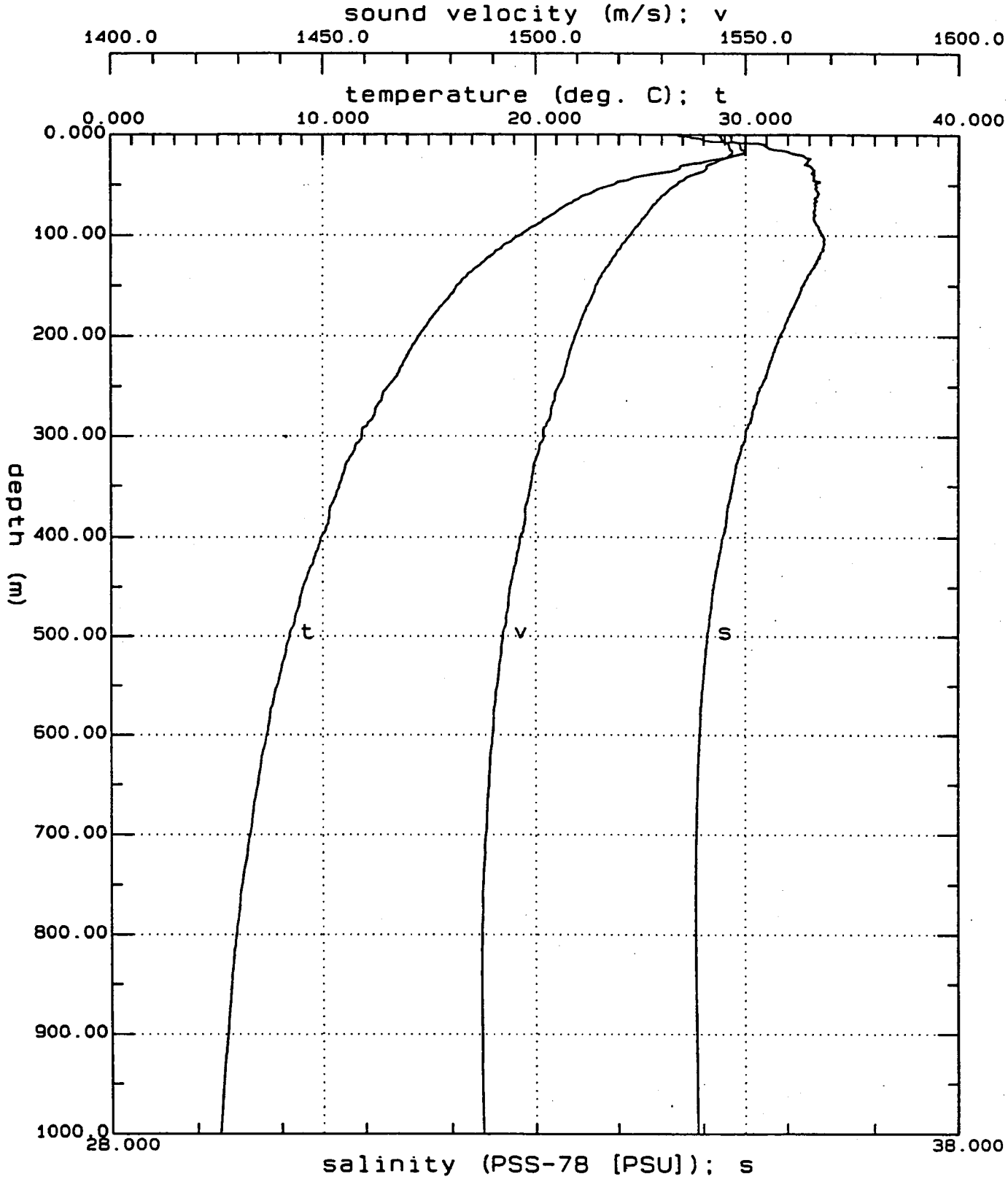
05-050.CNV: Gulfcet Cruise 02



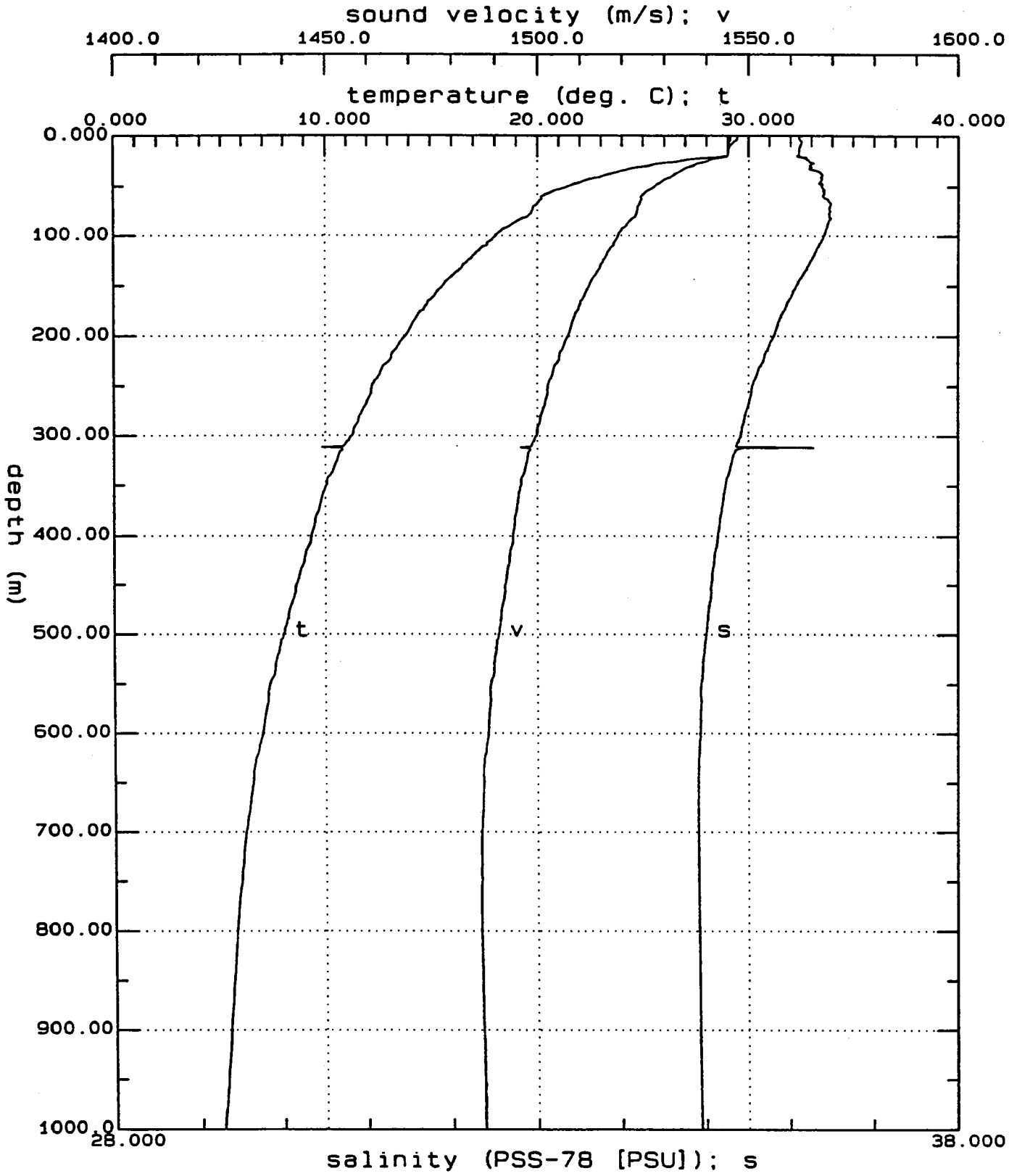
05-053.CNV: Gulfcet Cruise 02



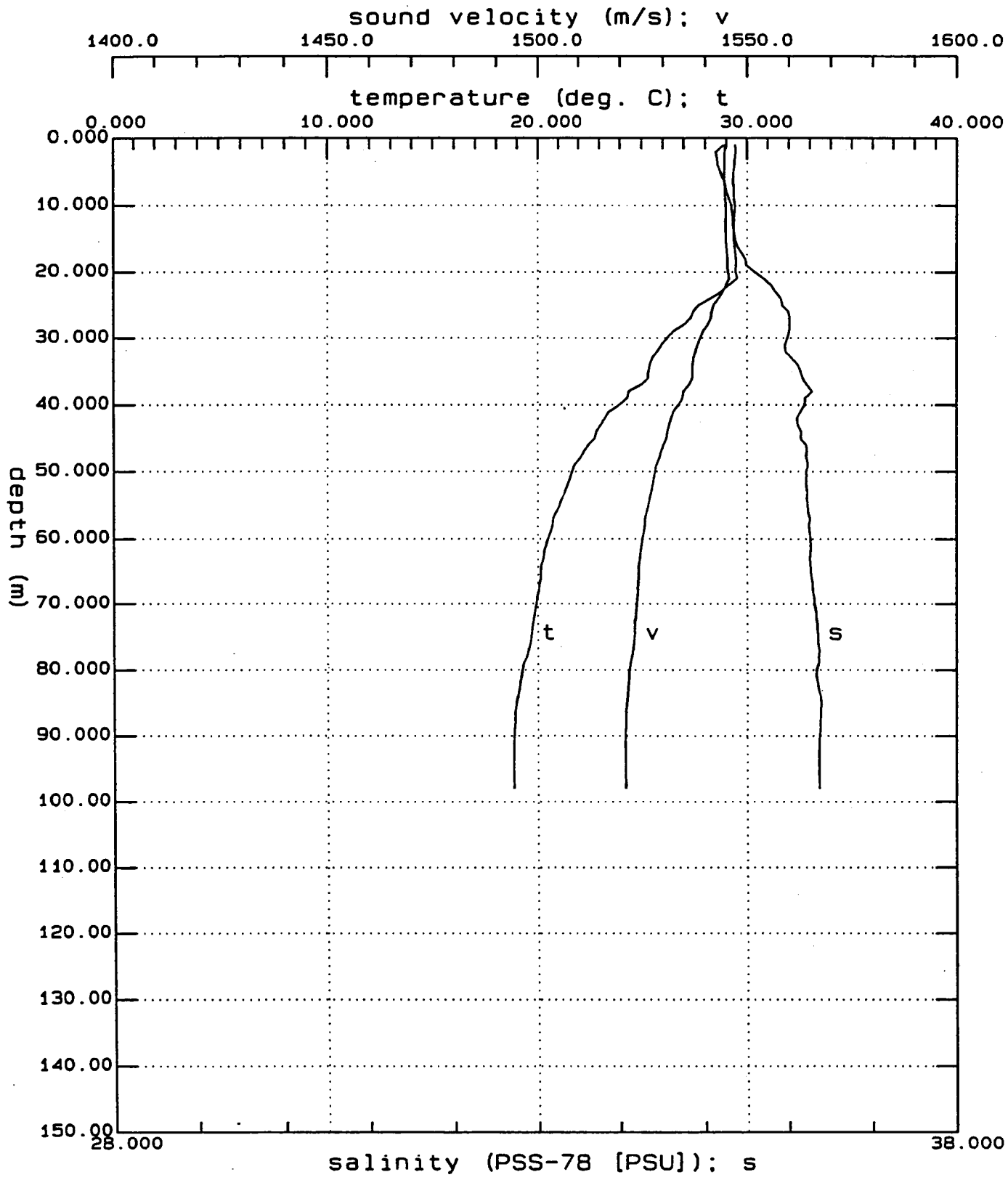
06-54.CNV: Gulfcet Cruise 02



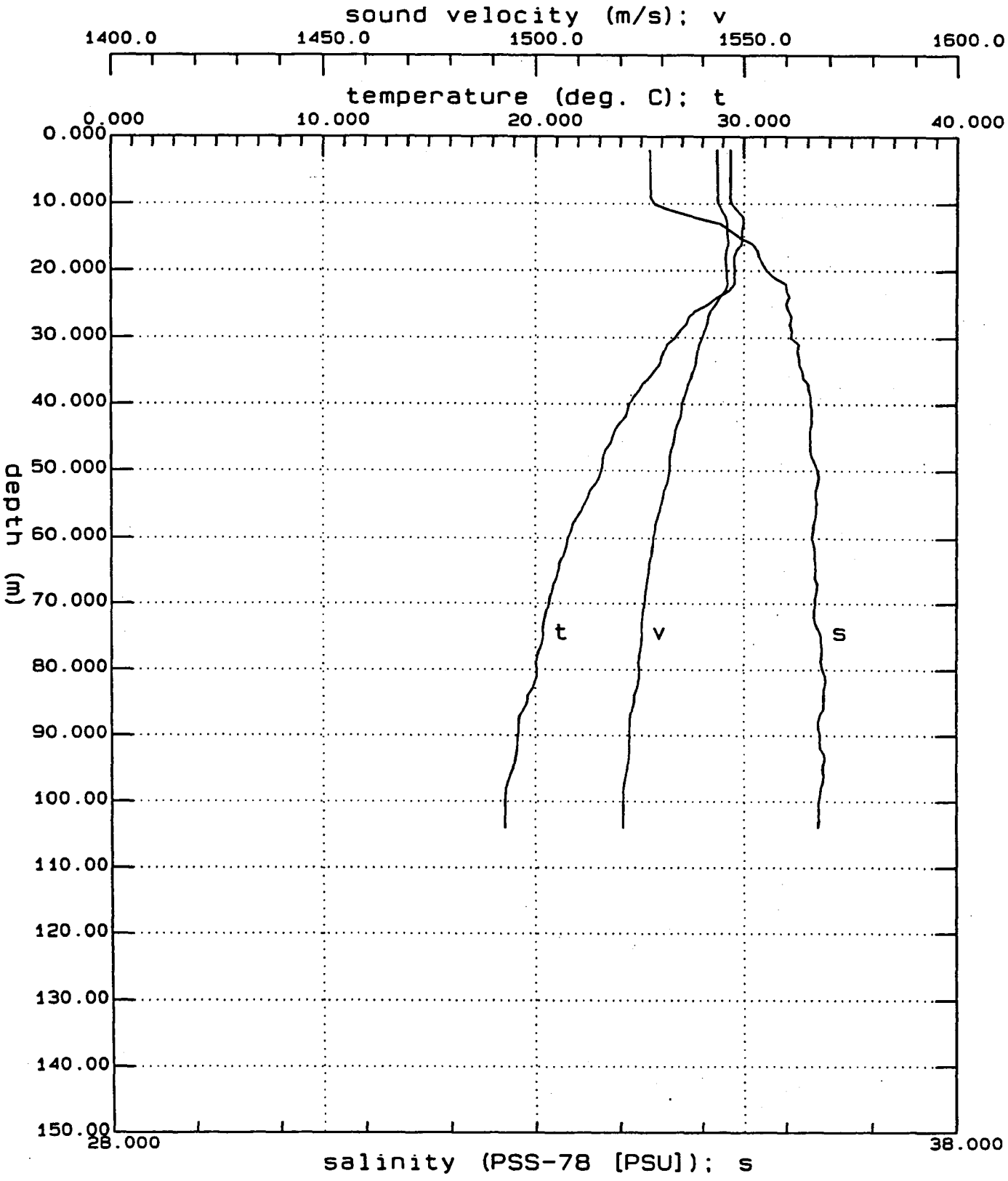
06-055.CNV: Gulfcet Cruise 02



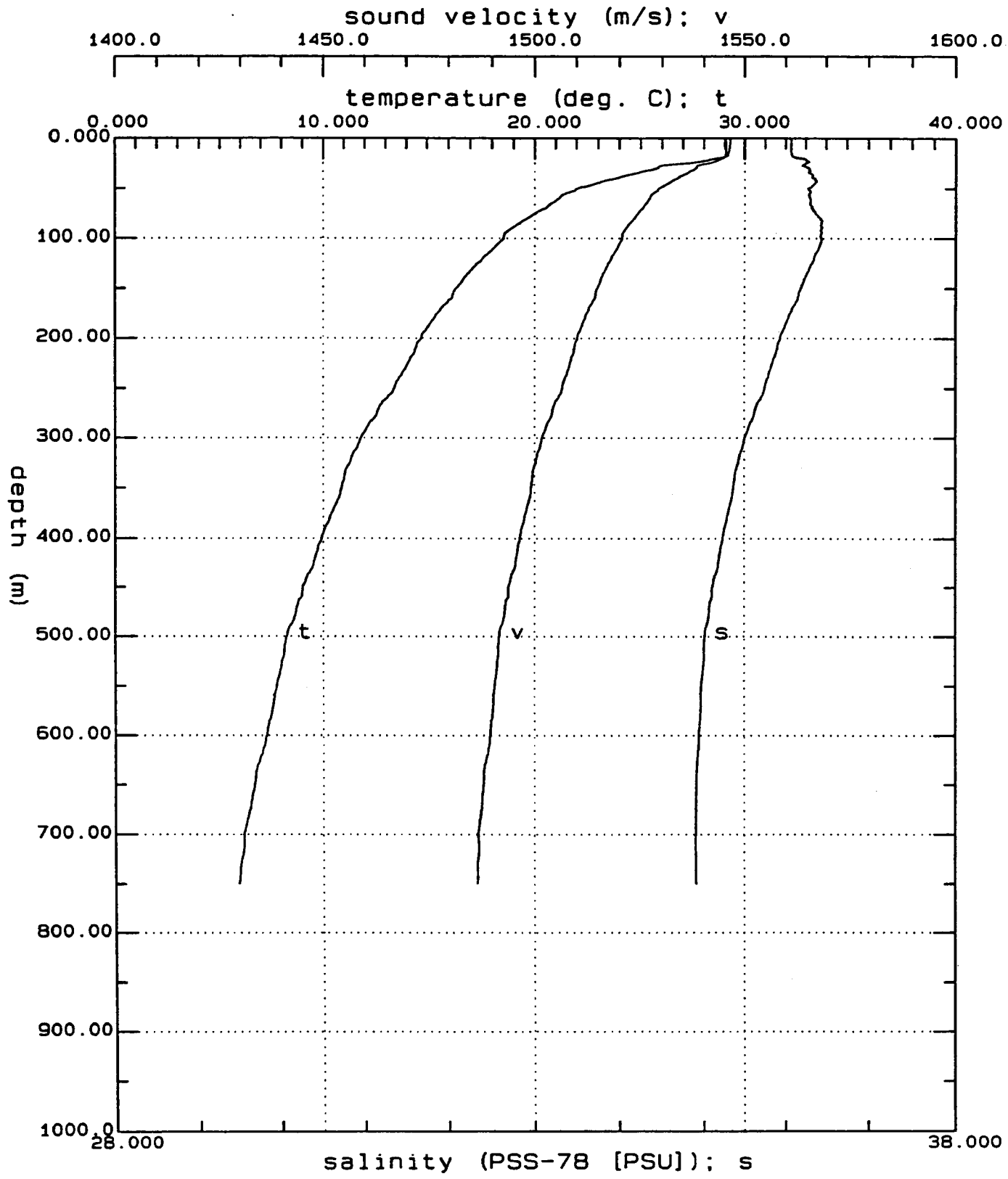
06-059.CNV: Gulfcet Cruise 02



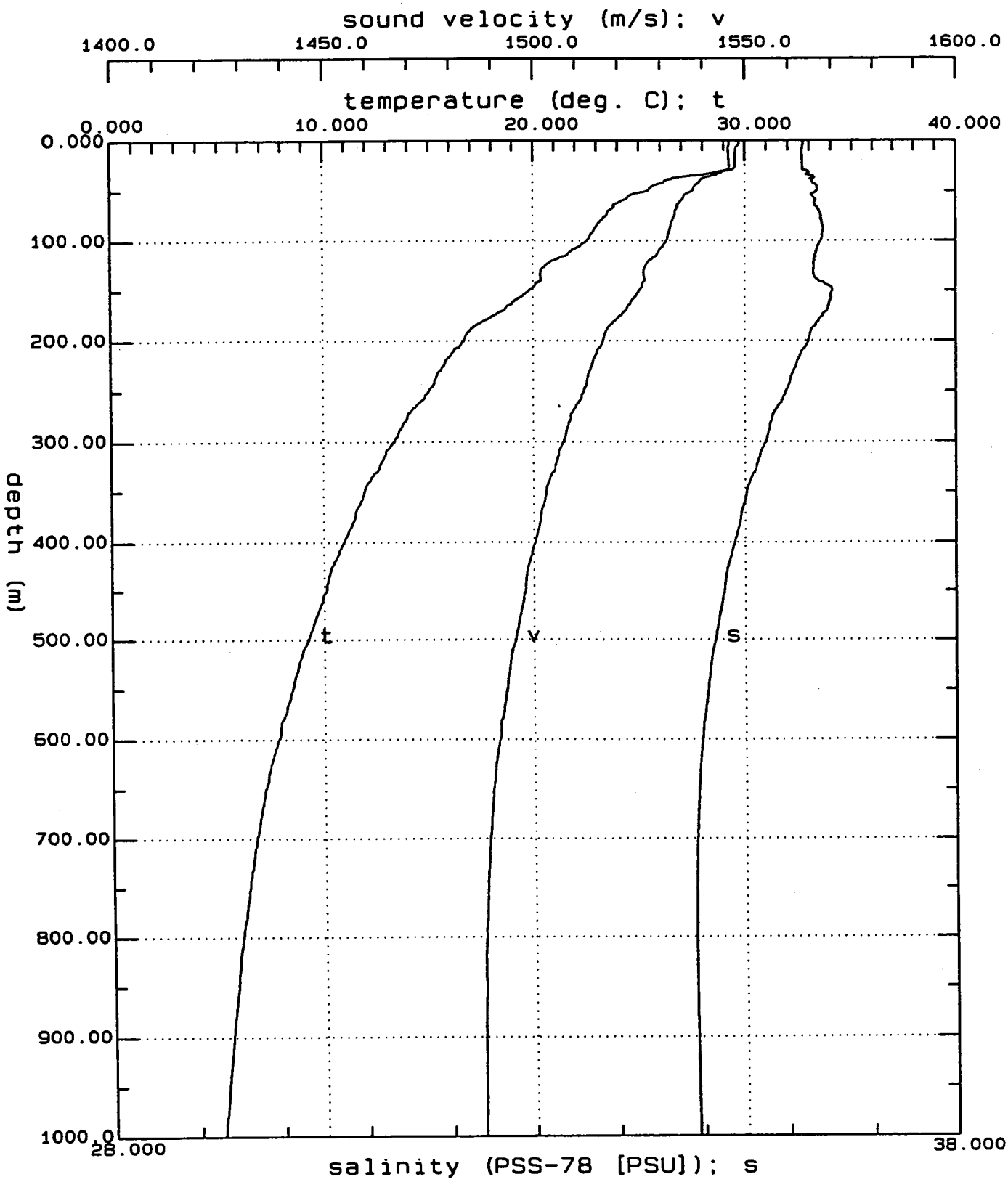
06-64.CNV: Gulfcet Cruise 02



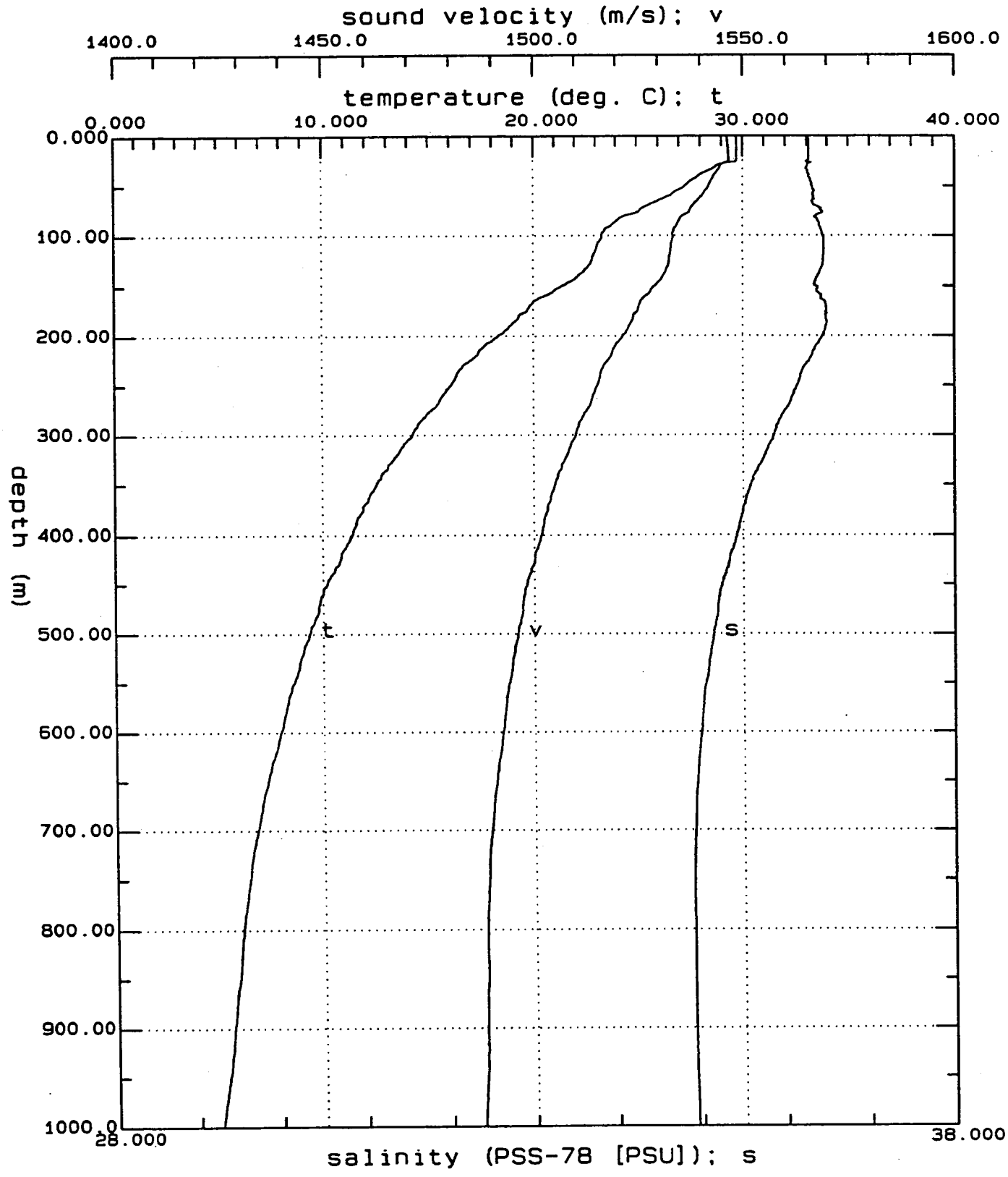
07-65.CNV: Gulfcet Cruise 02



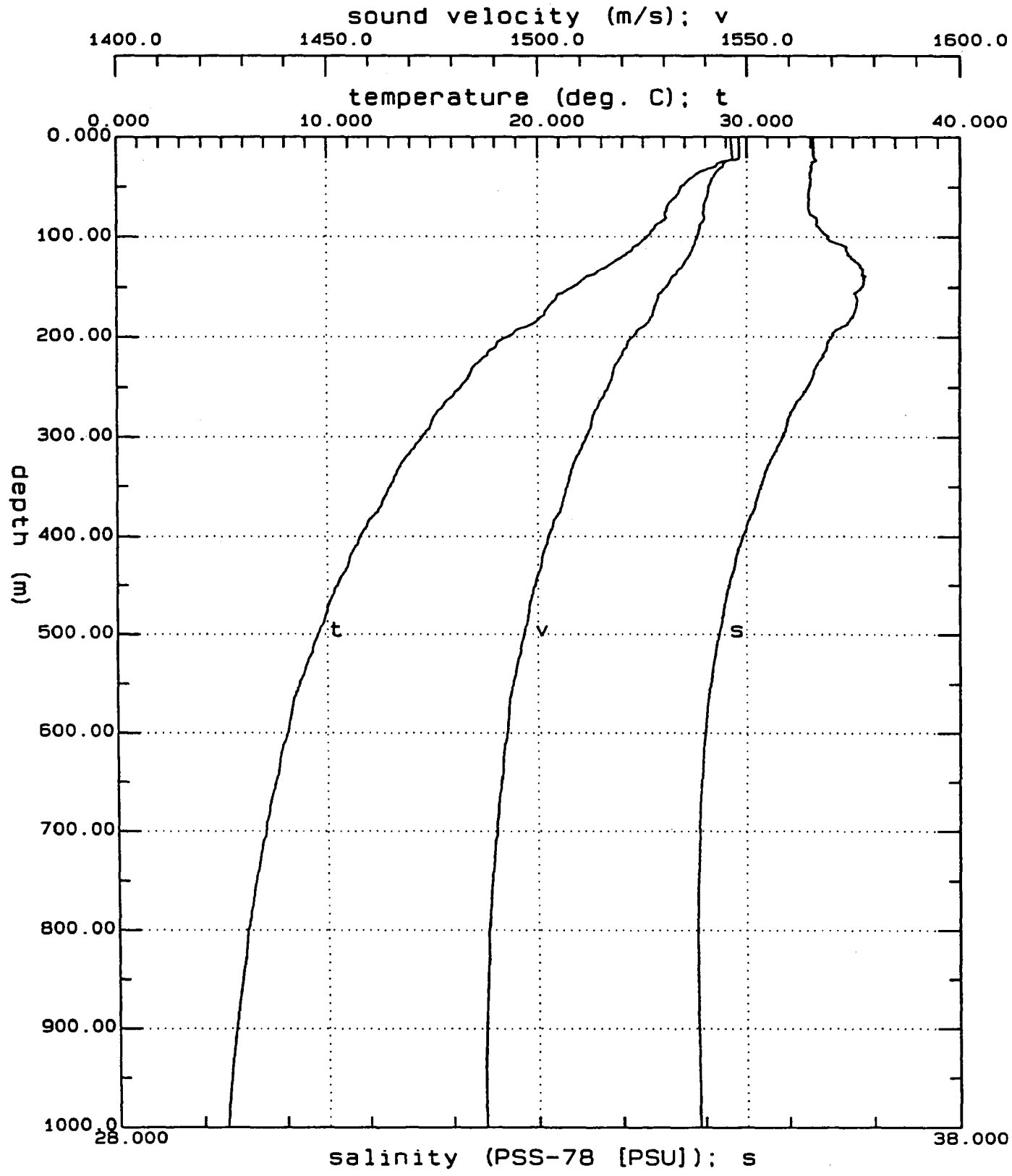
07-071.CNV: Gulfcet Cruise 02



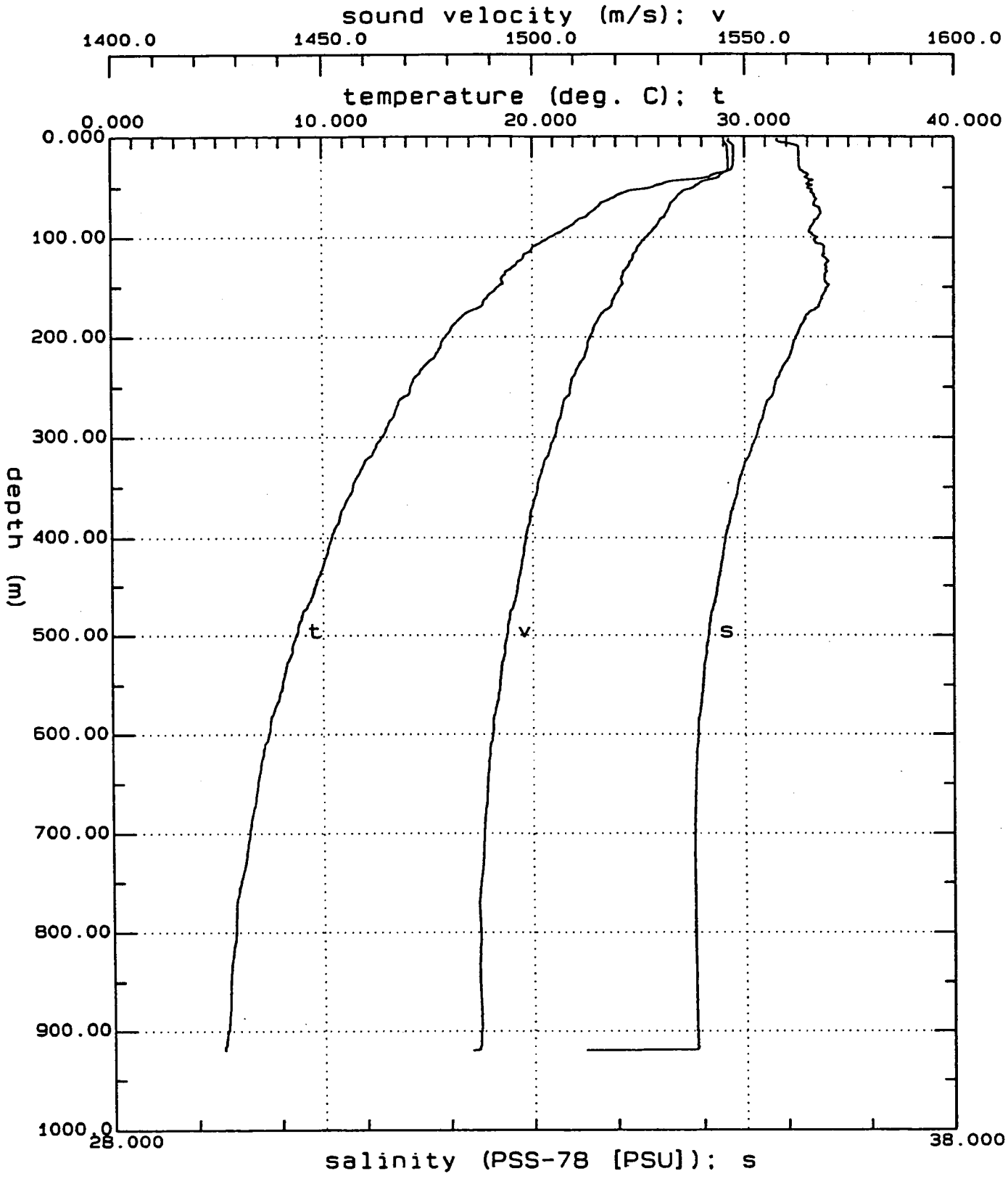
07-073.CNV: Gulfcet Cruise 02



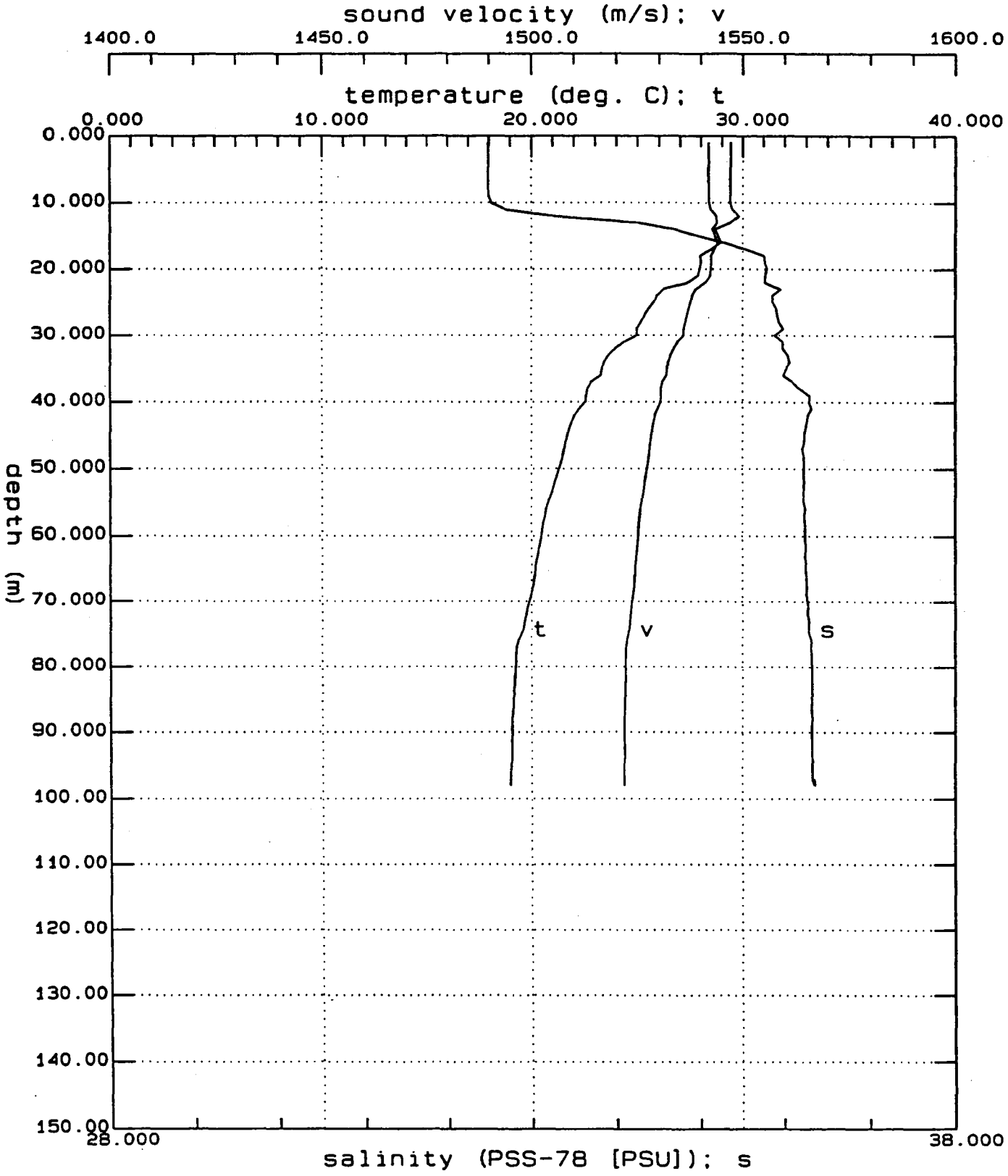
07-75.CNV: Gulfcet Cruise 02



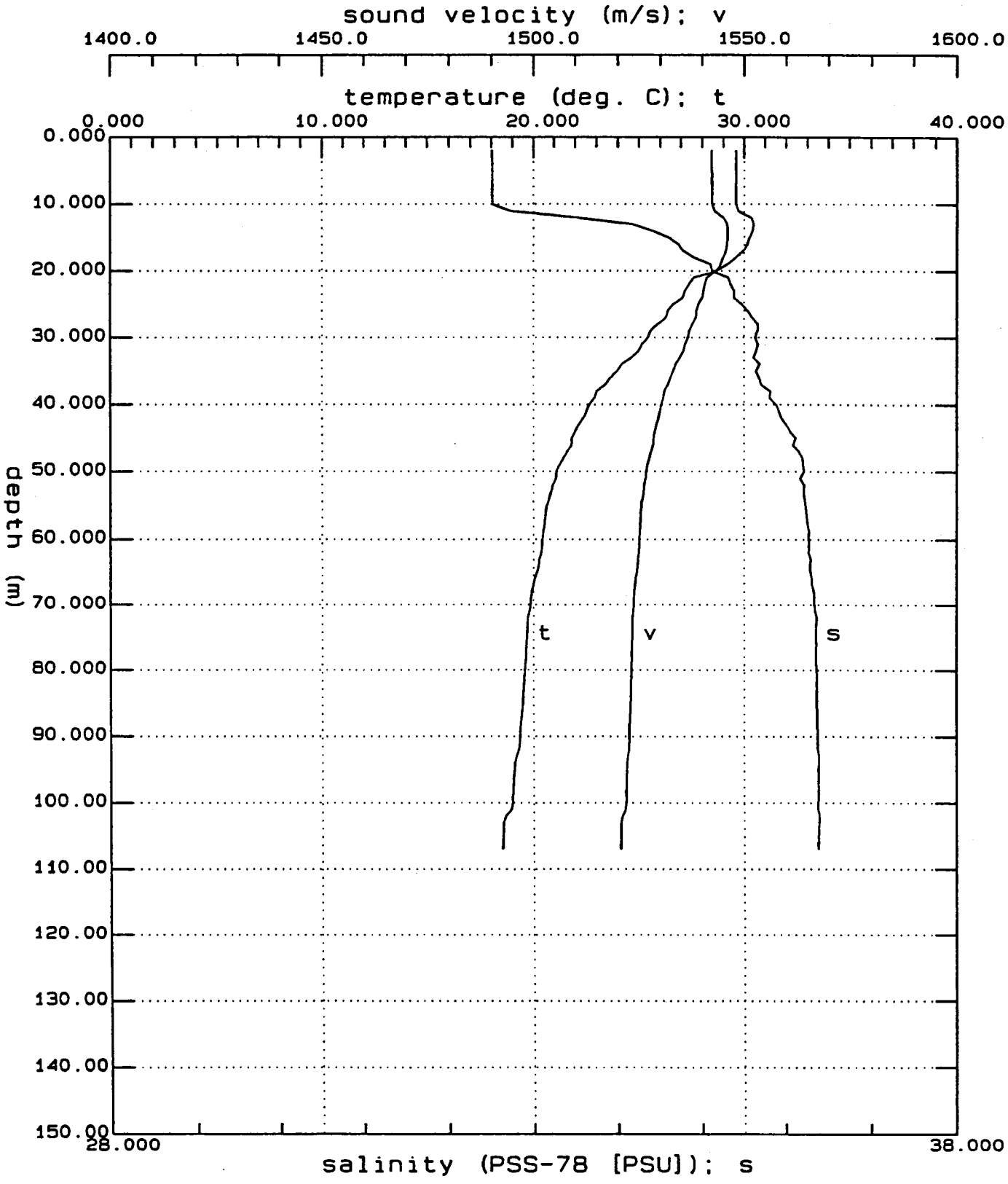
08-76.CNV: Gulfcet Cruise 02



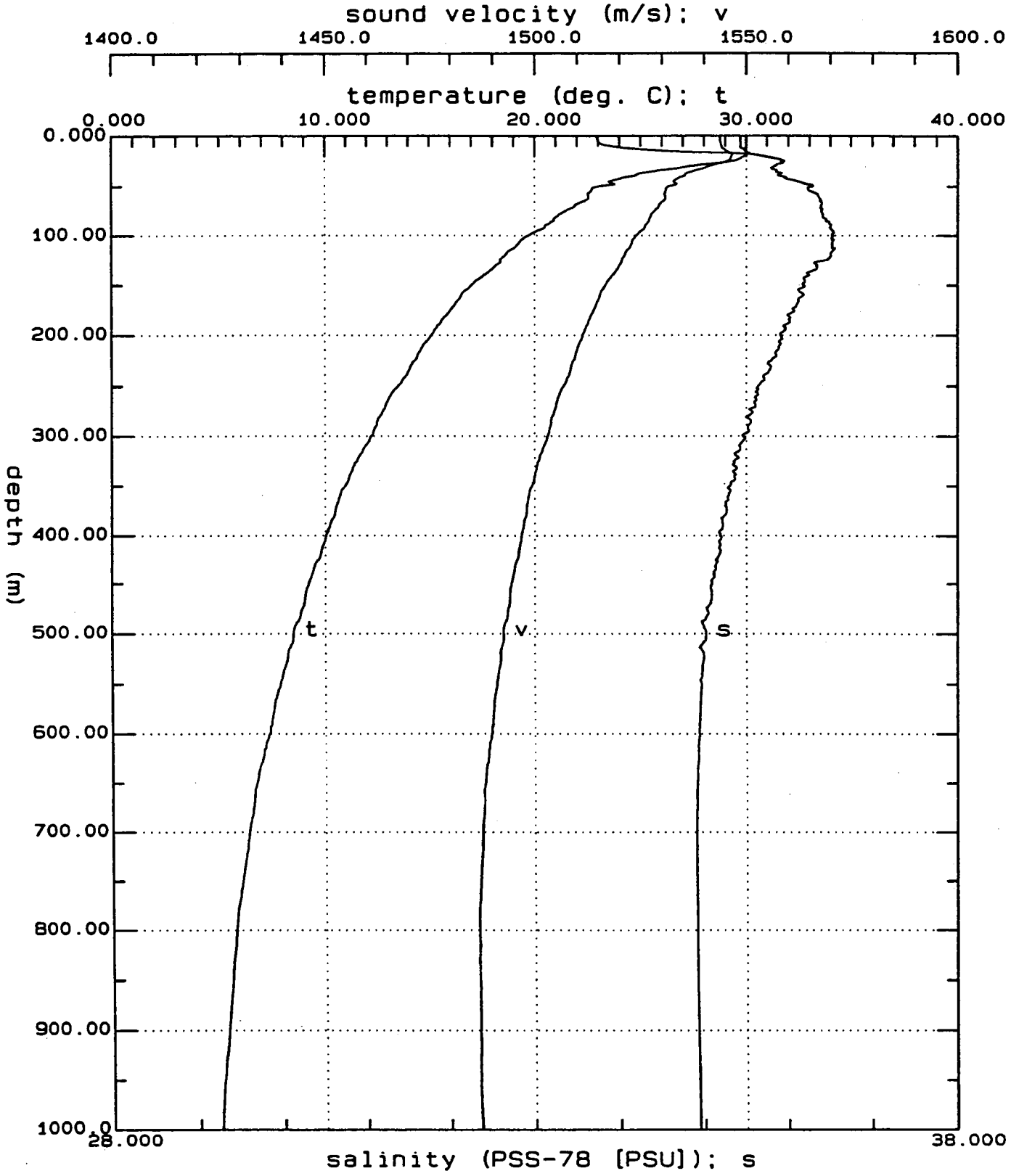
08-080.CNV: Gulfcet Cruise 02



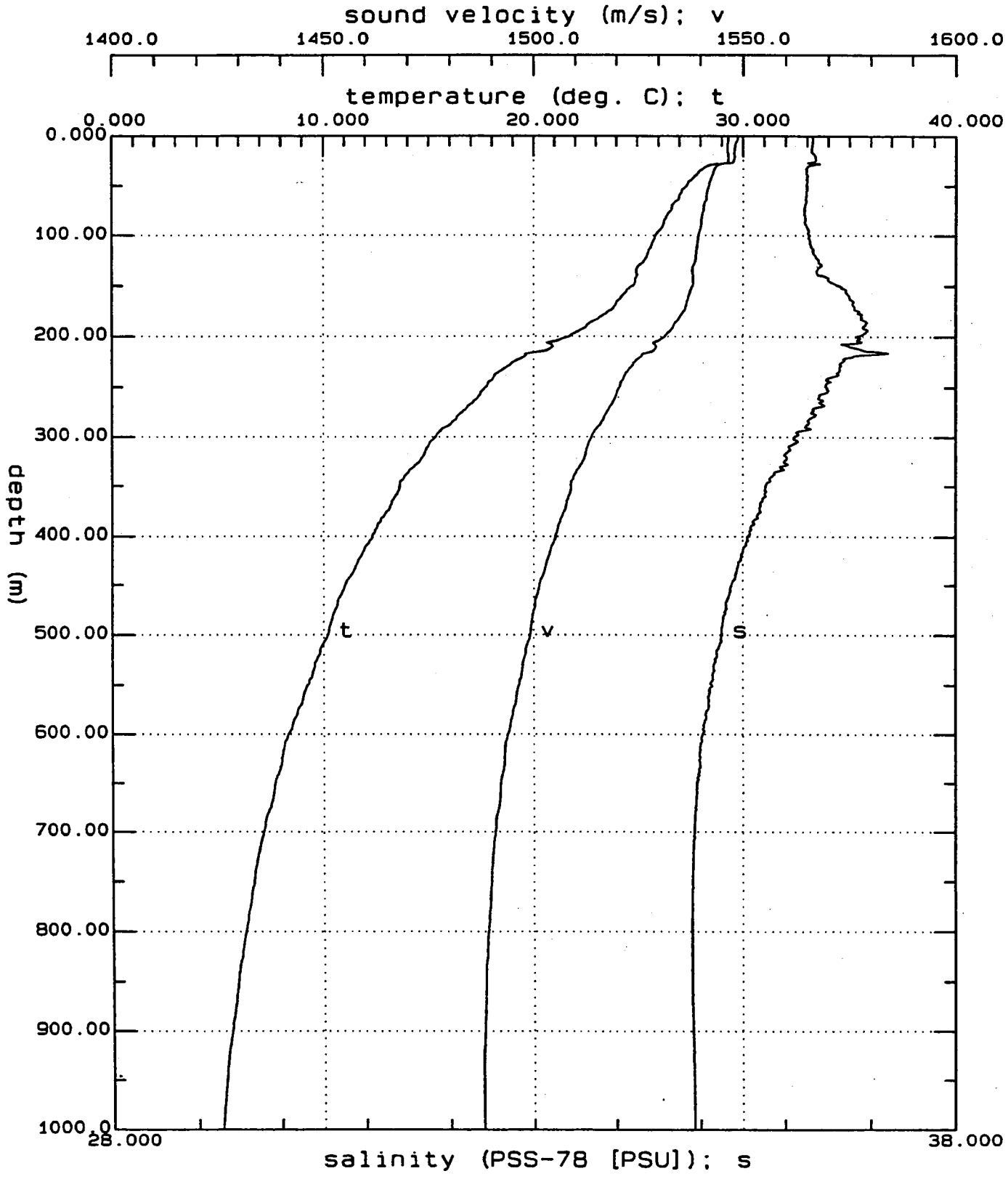
08-086.CNV: Gulfcet Cruise 02



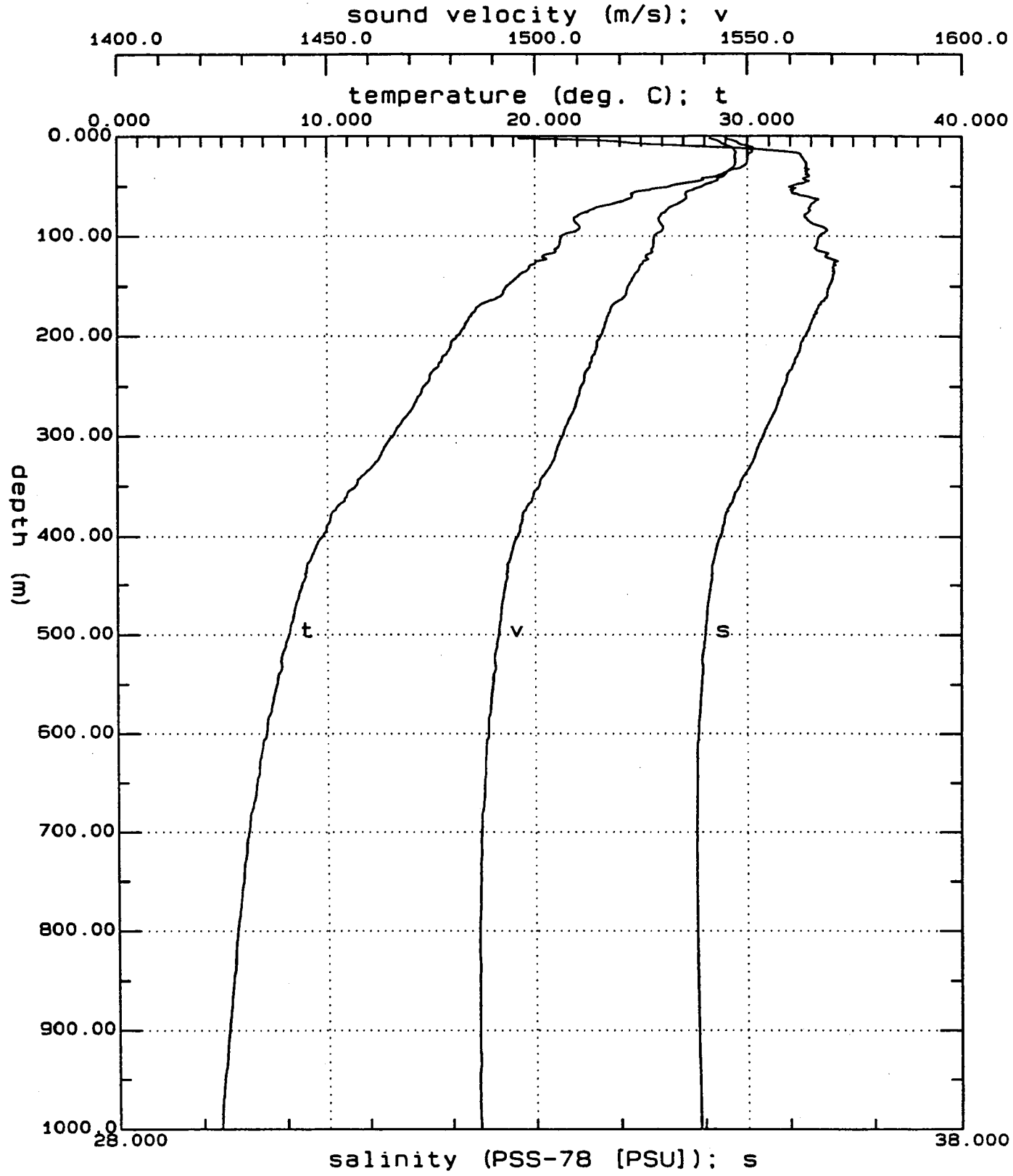
09-87.CNV: Gulfcet Cruise 02



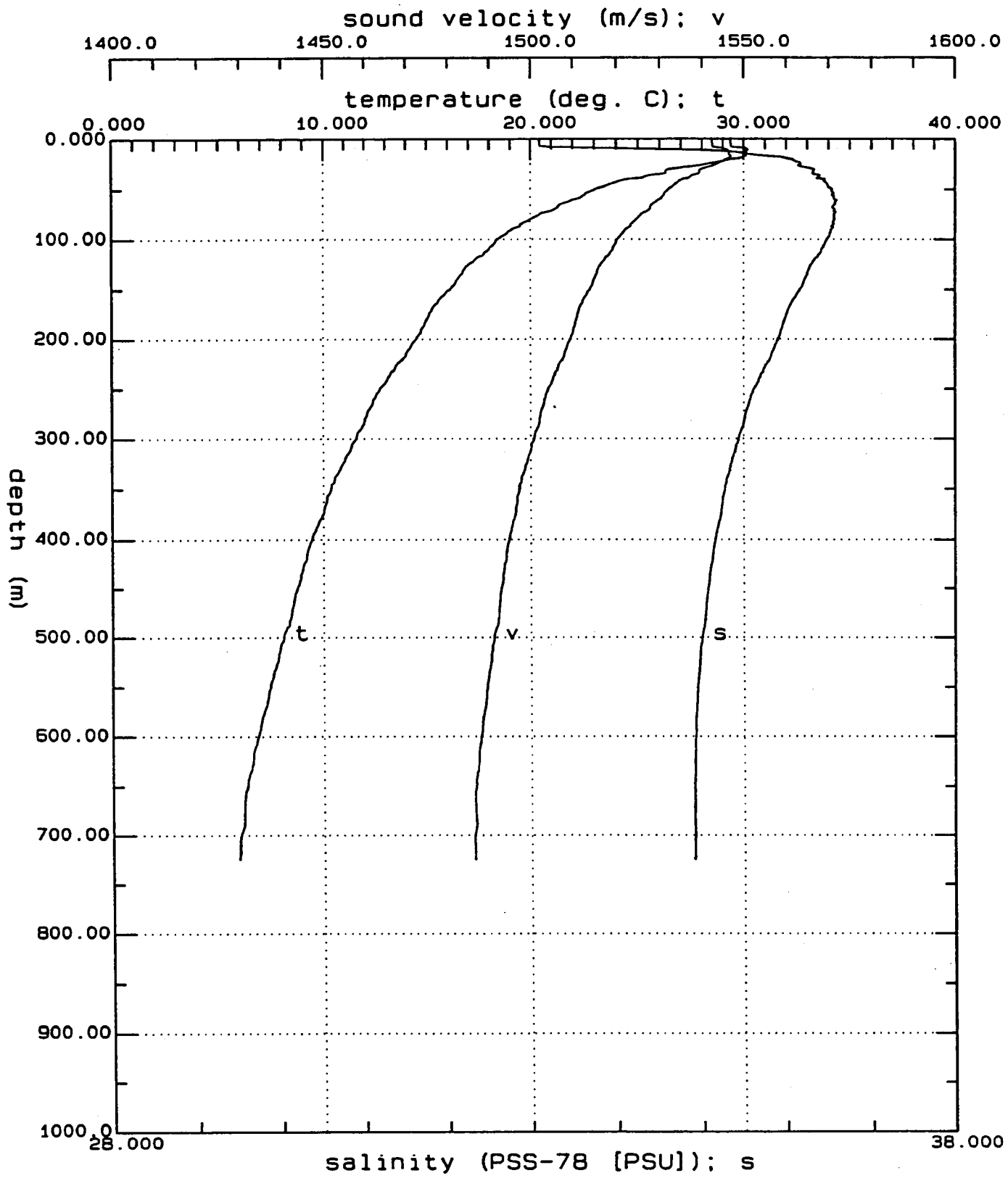
09-093.CNV: Gulfcet Cruise 02



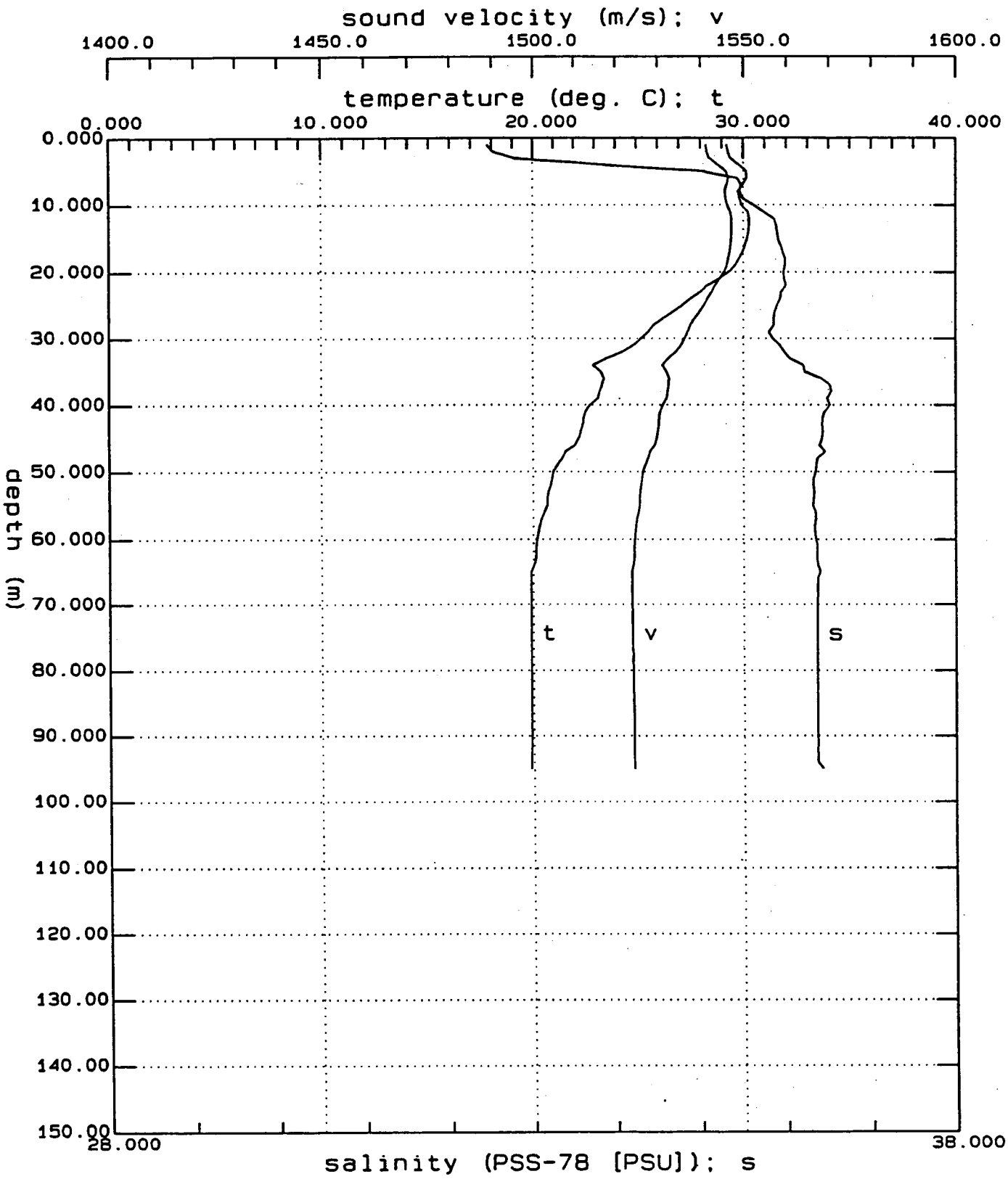
09-096.CNV: Gulfcet Cruise 02



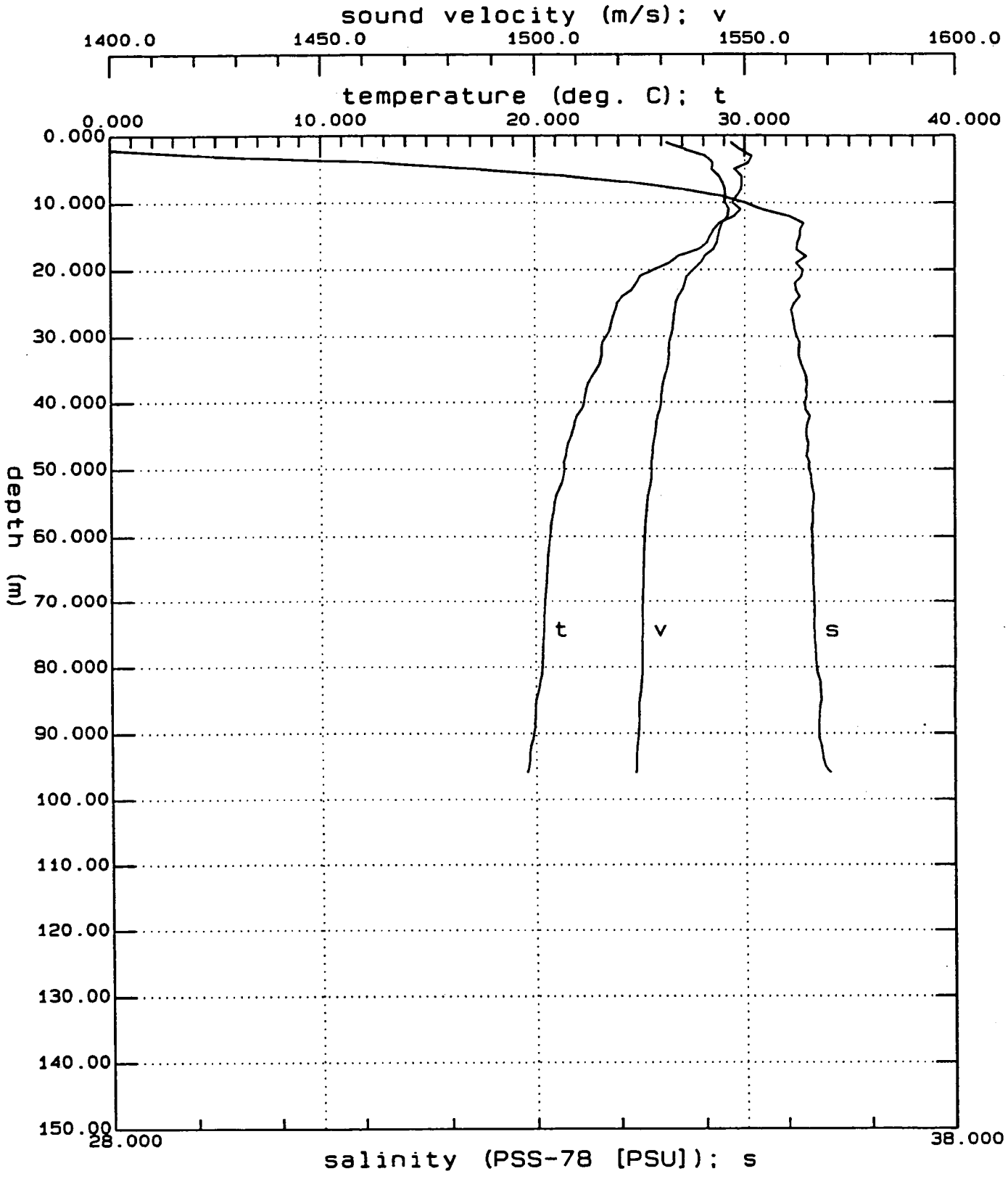
10-97.CNV: Gulfcet Cruise 02



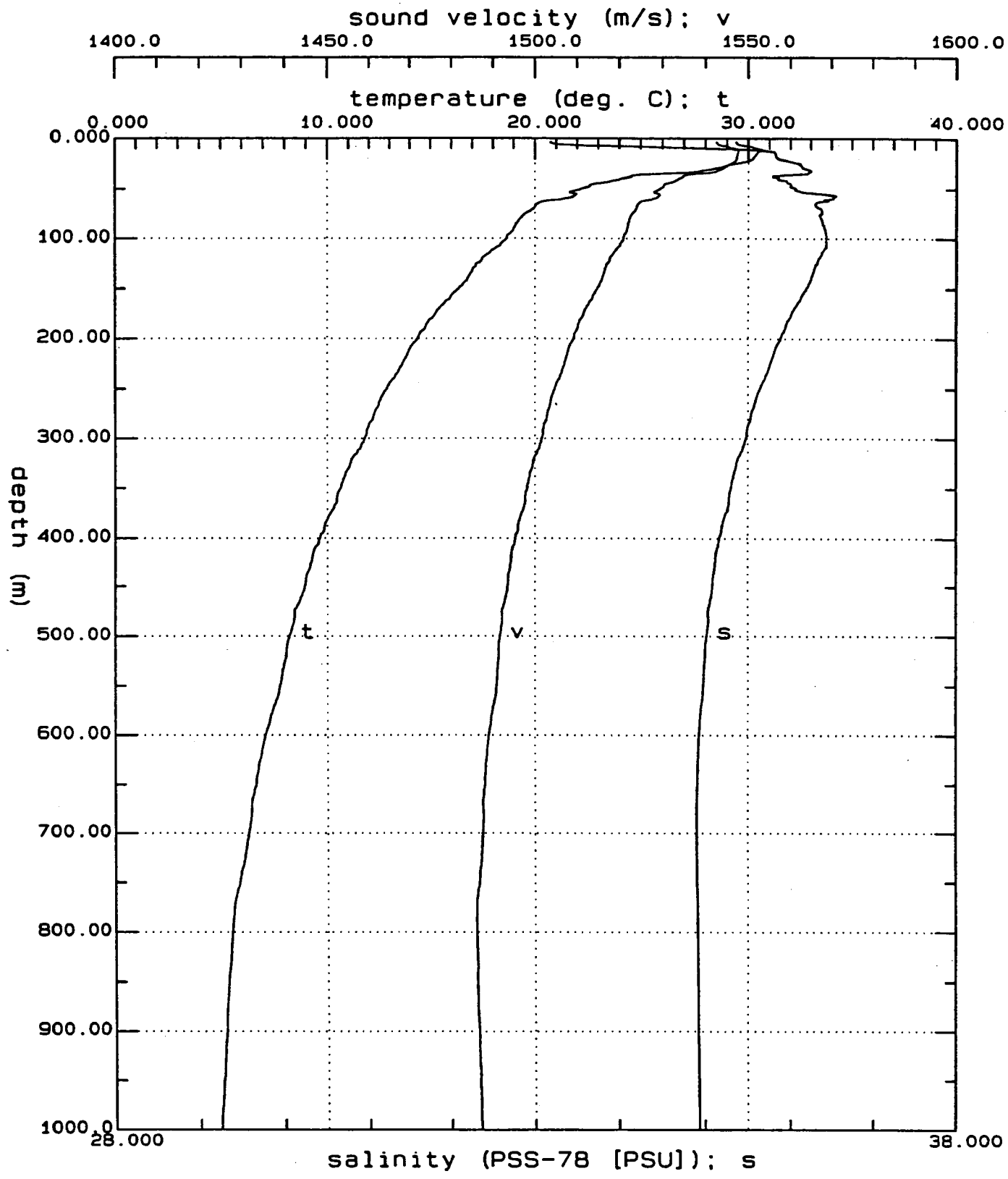
10-100.CNV: Gulfcet Cruise 02



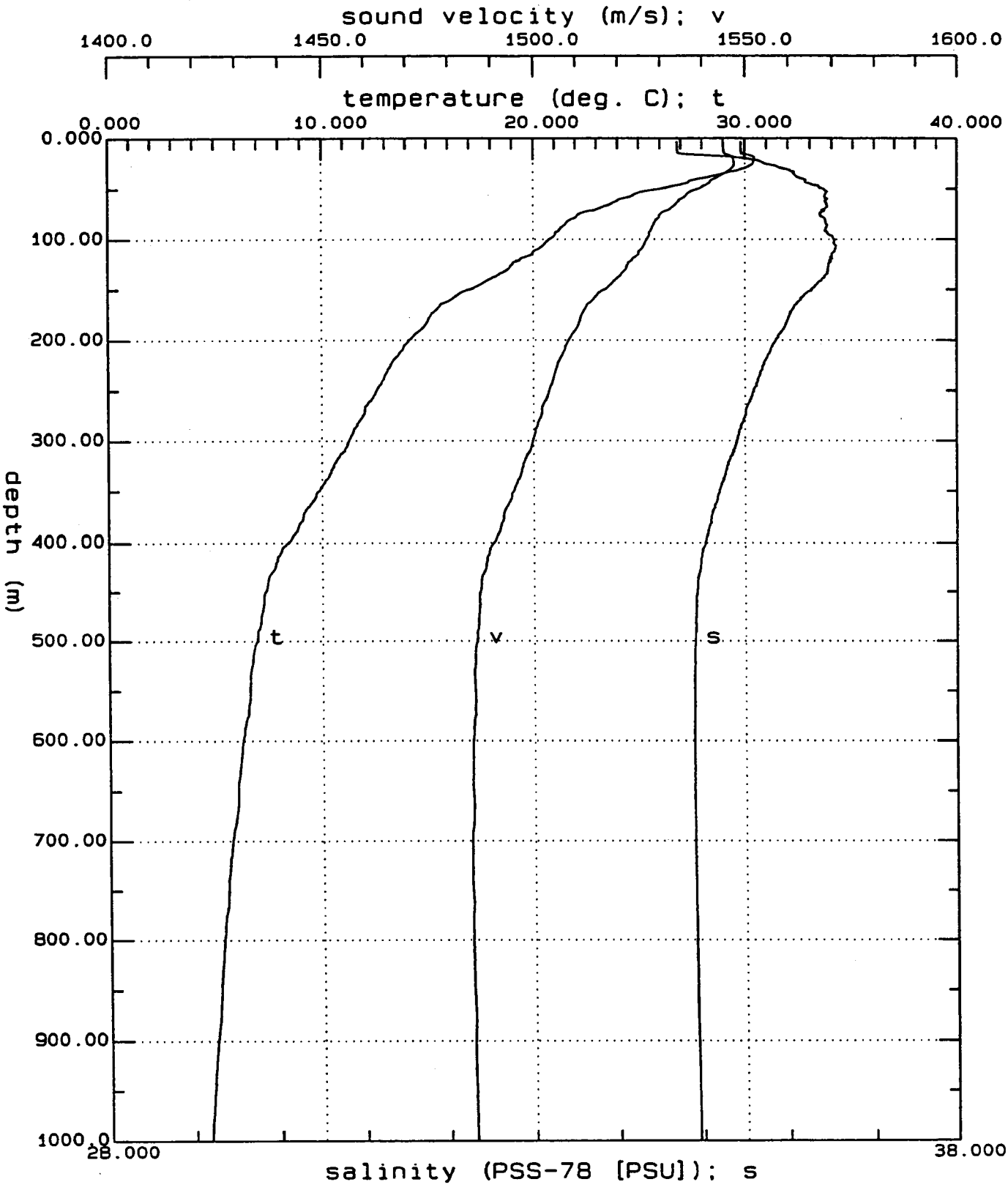
10-105.CNV: Gulfcet Cruise 02



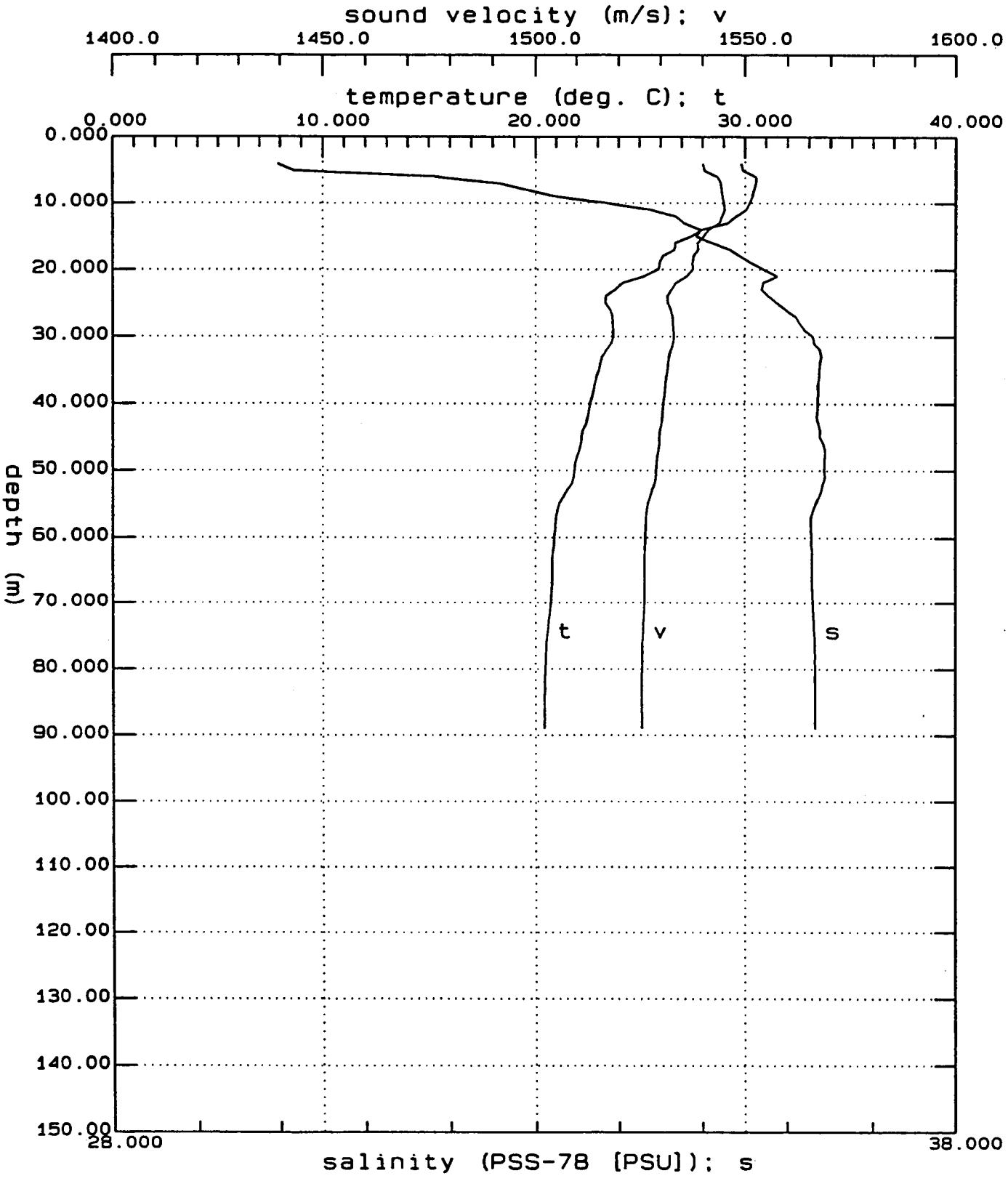
11-106.CNV: Gulfcet Cruise 02



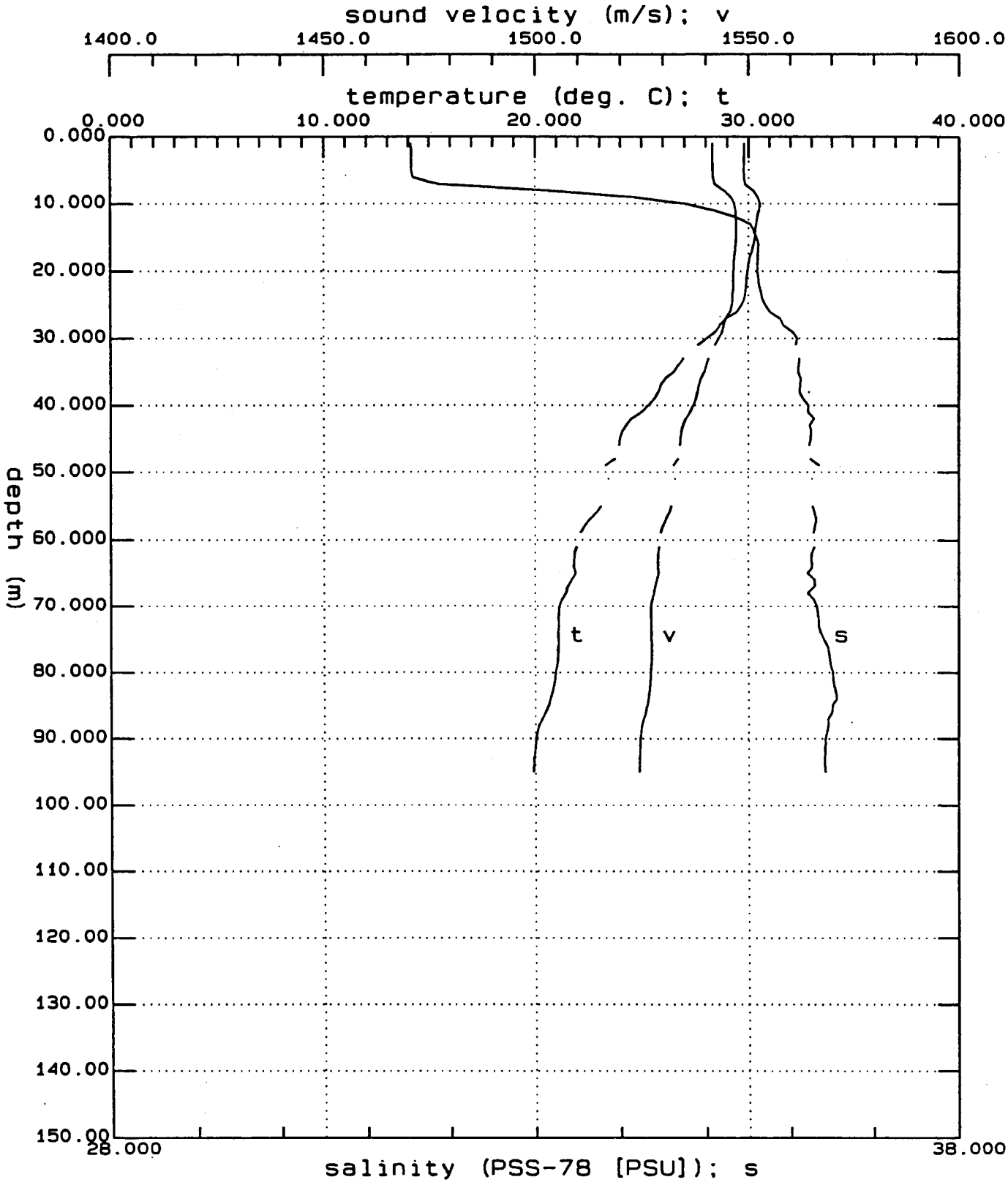
11-112.CNV: Gulfcet Cruise 02



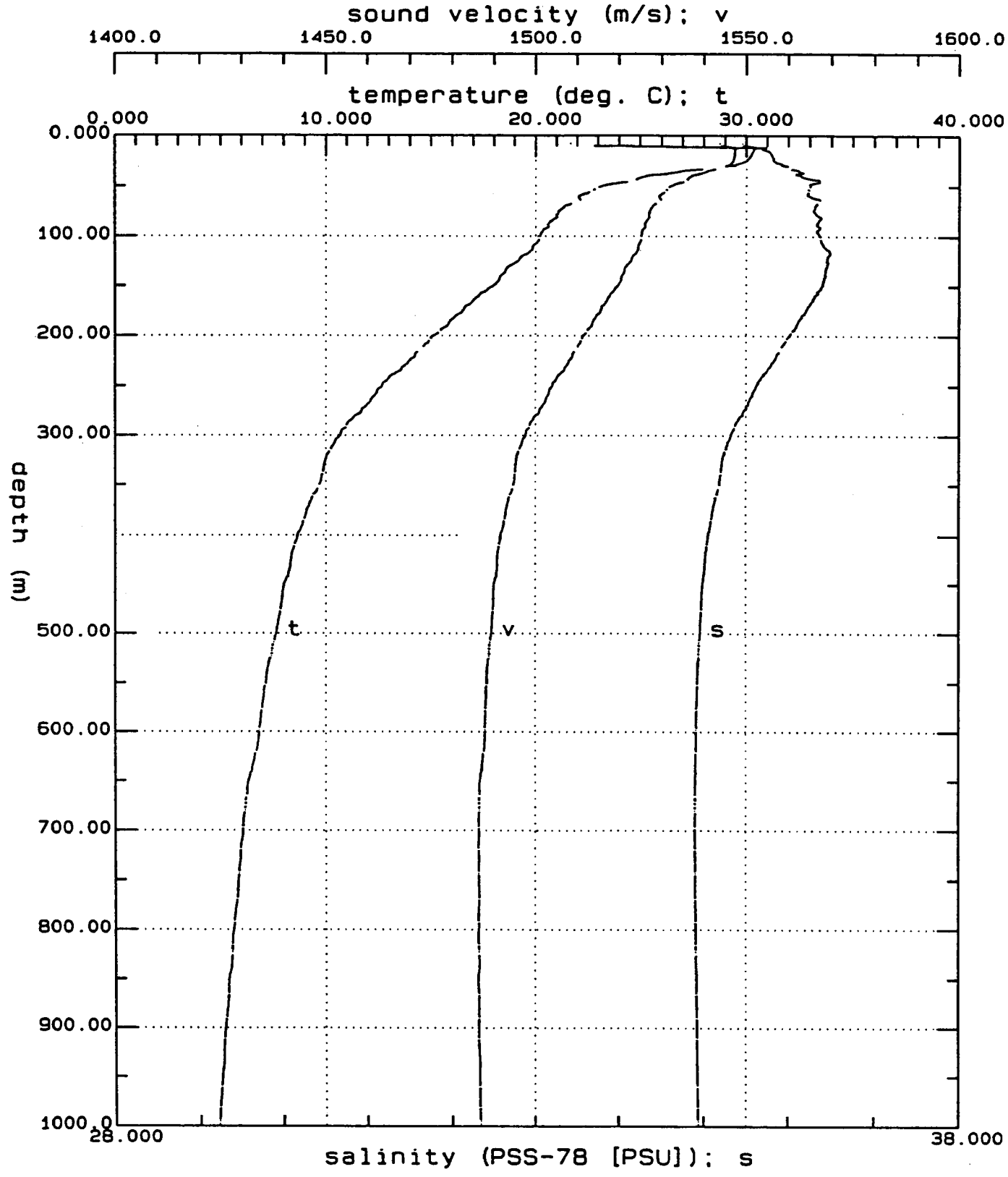
11-115.CNV: Gulfcet Cruise 02



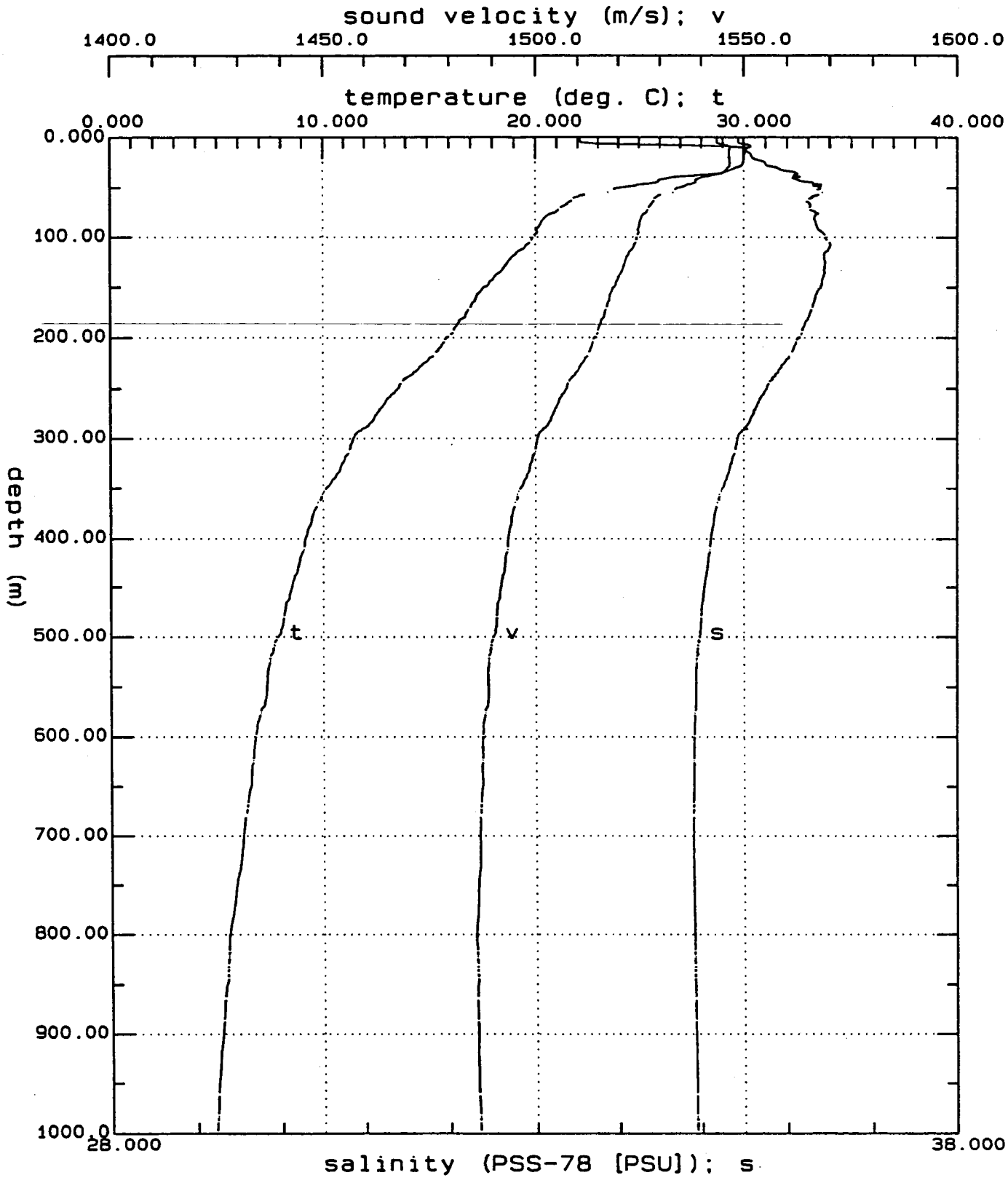
12-125.CNV: Gulfcet Cruise 02



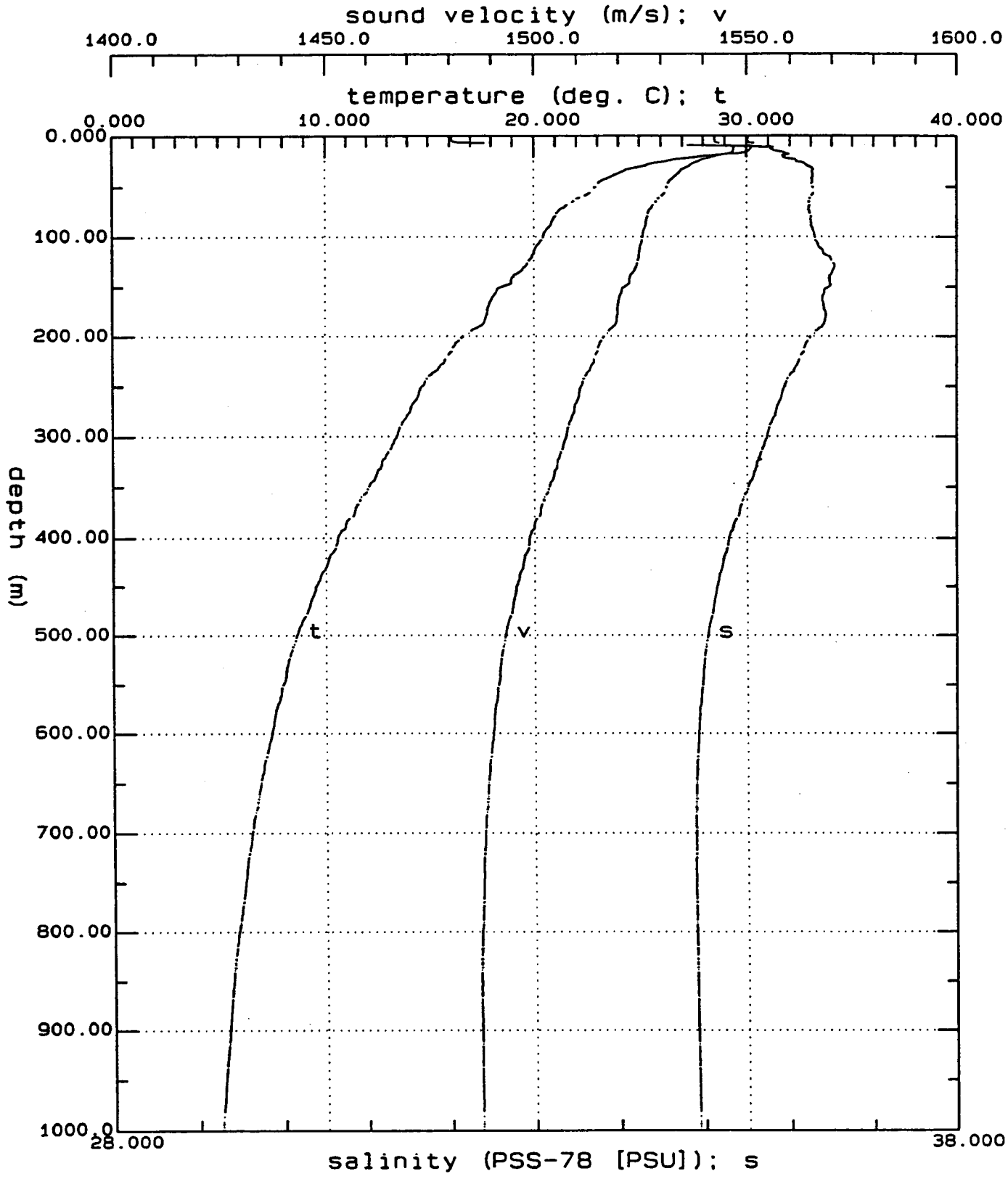
13-126.CNV: Gulfcet Cruise 02



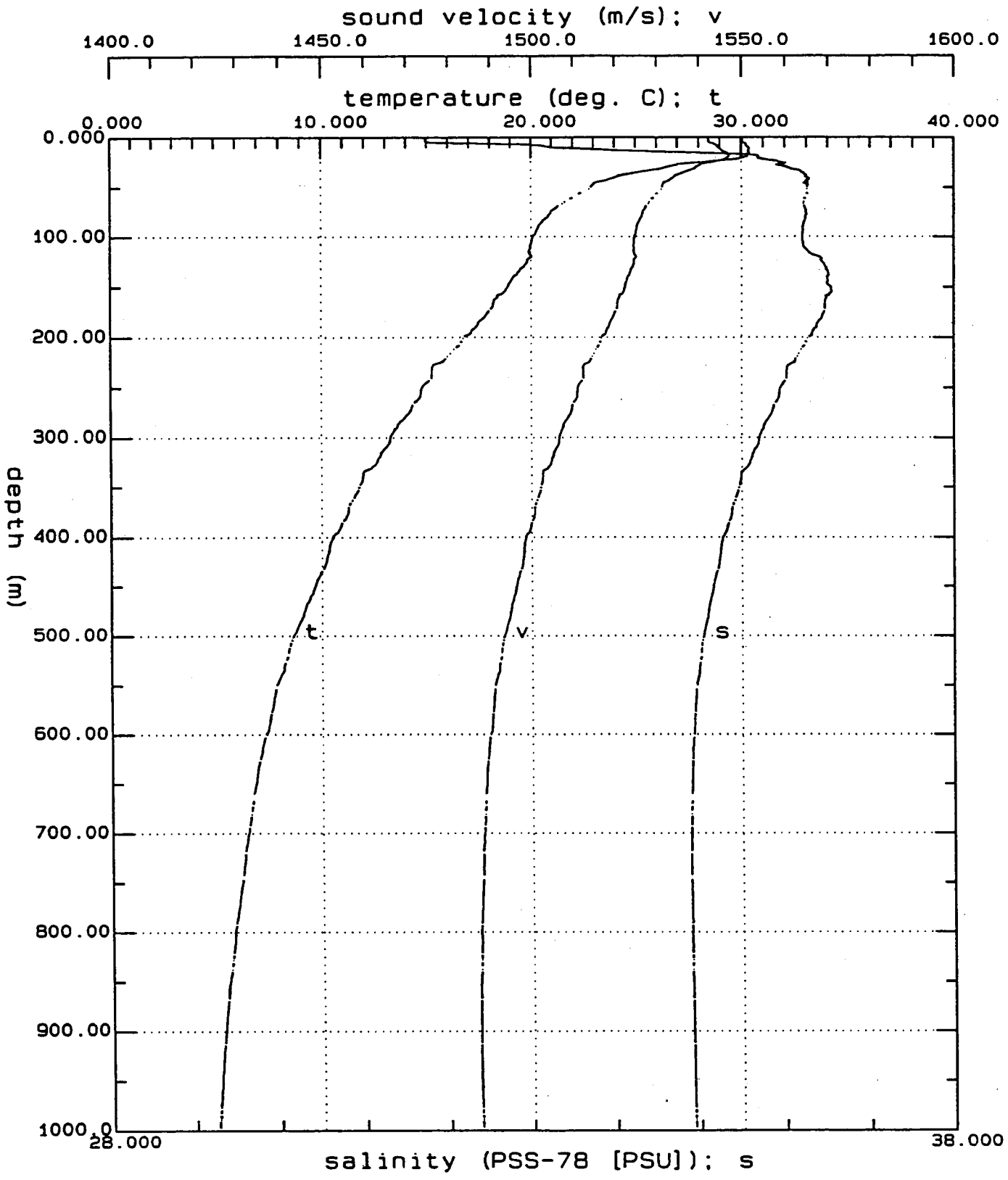
13-133.CNV: Gulfcet Cruise 02



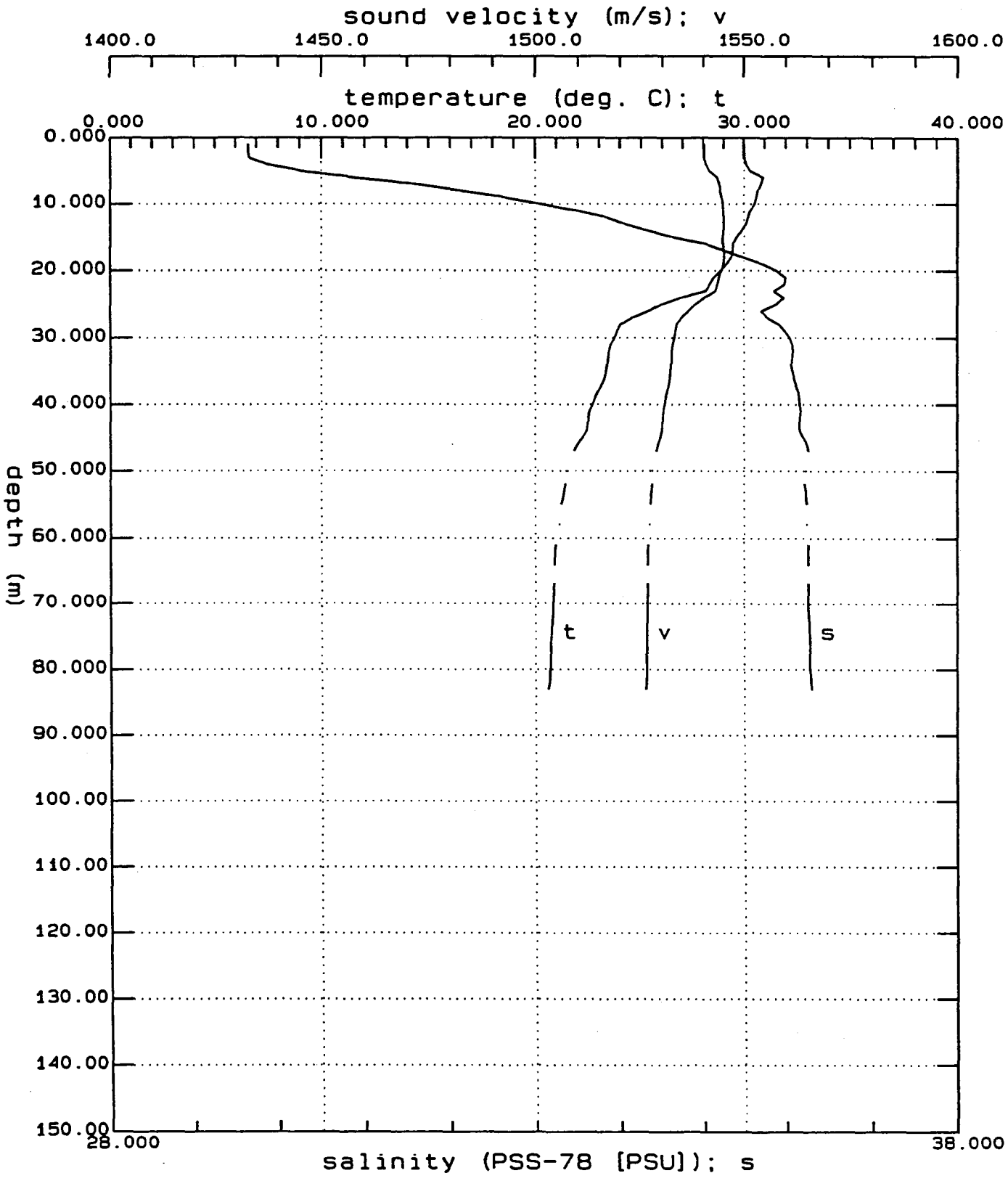
13-134.CNV: Gulfcet Cruise 02



14-135.CNV: Gulfcet Cruise 02

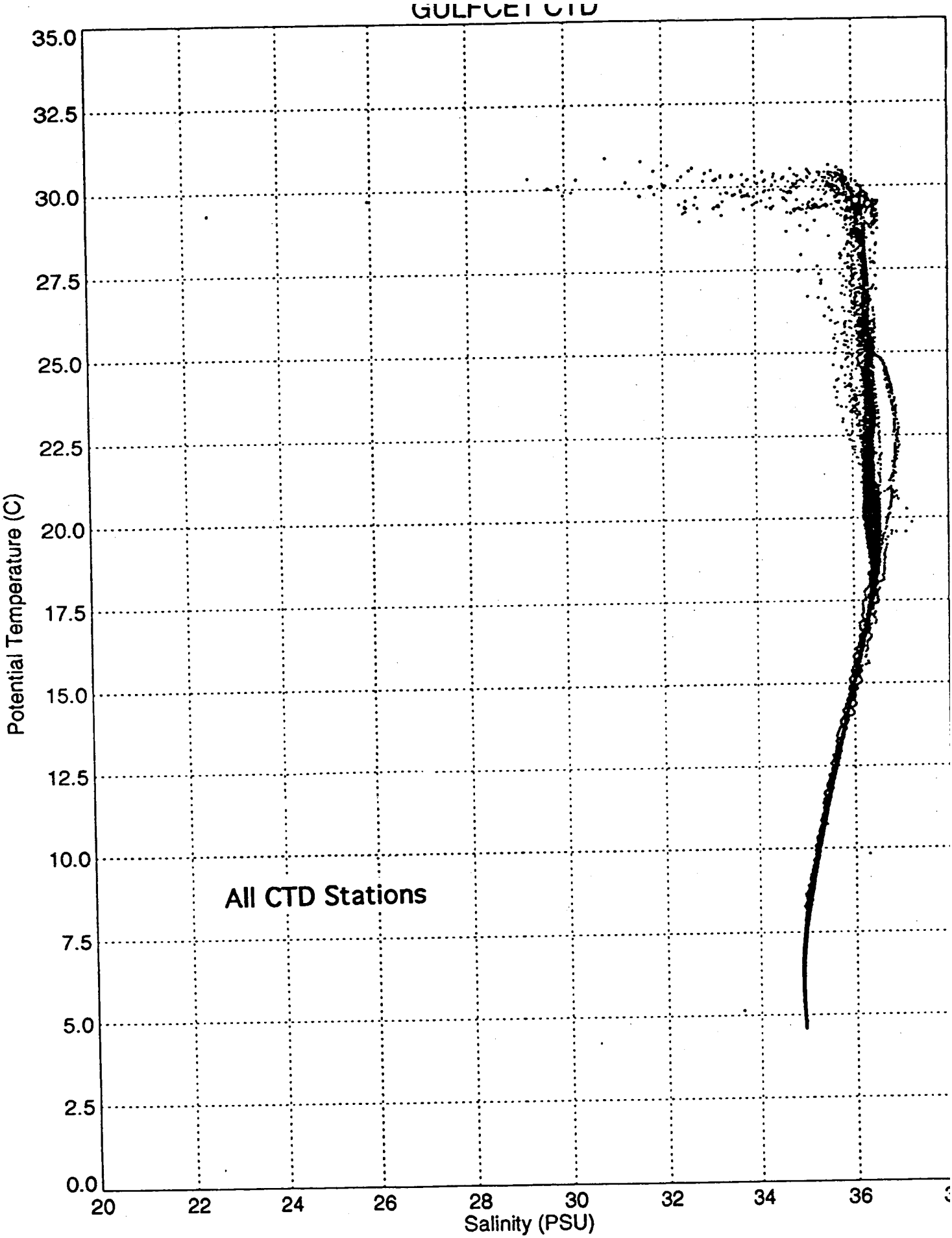


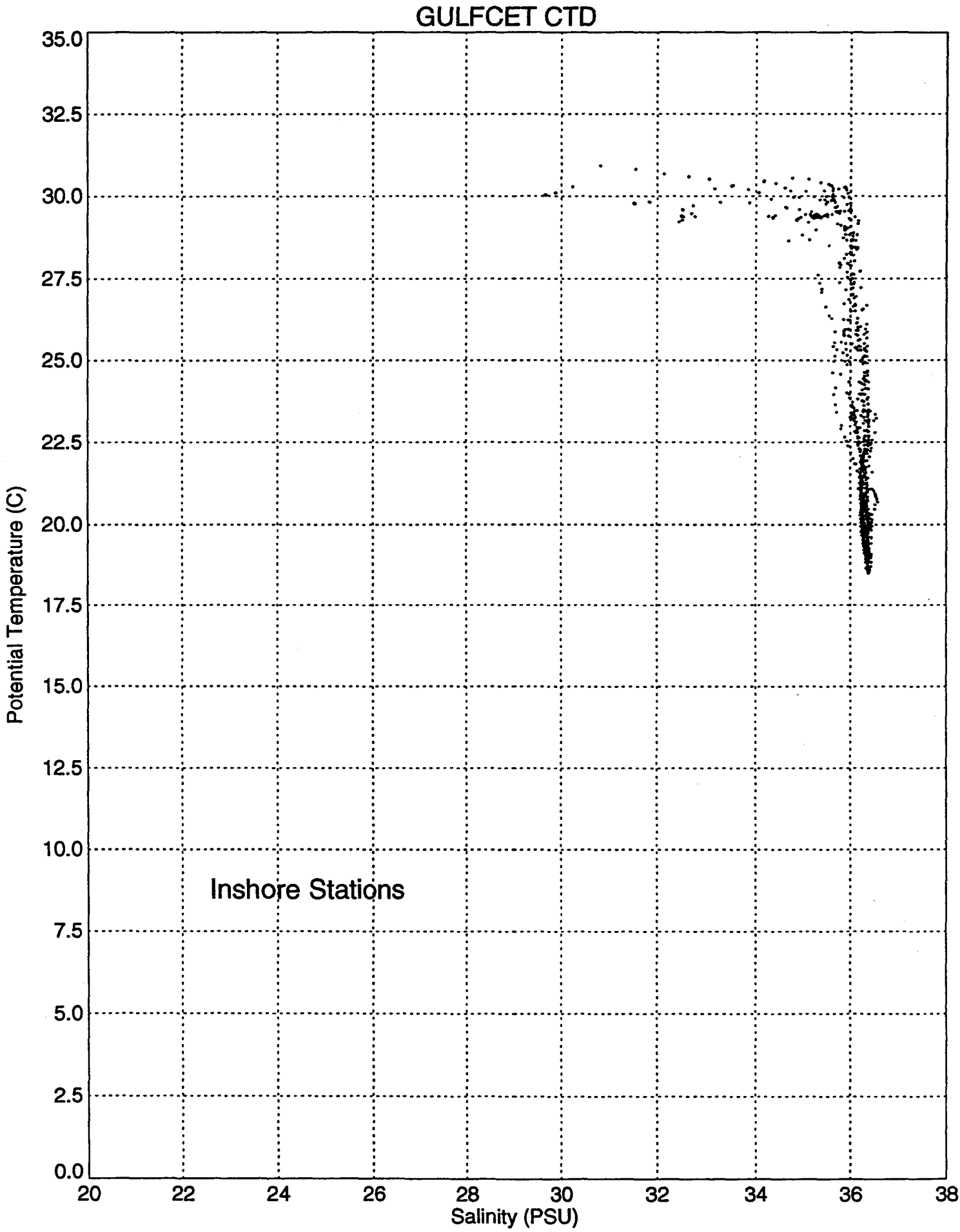
14-136.CNV: Gulfcet Cruise 02

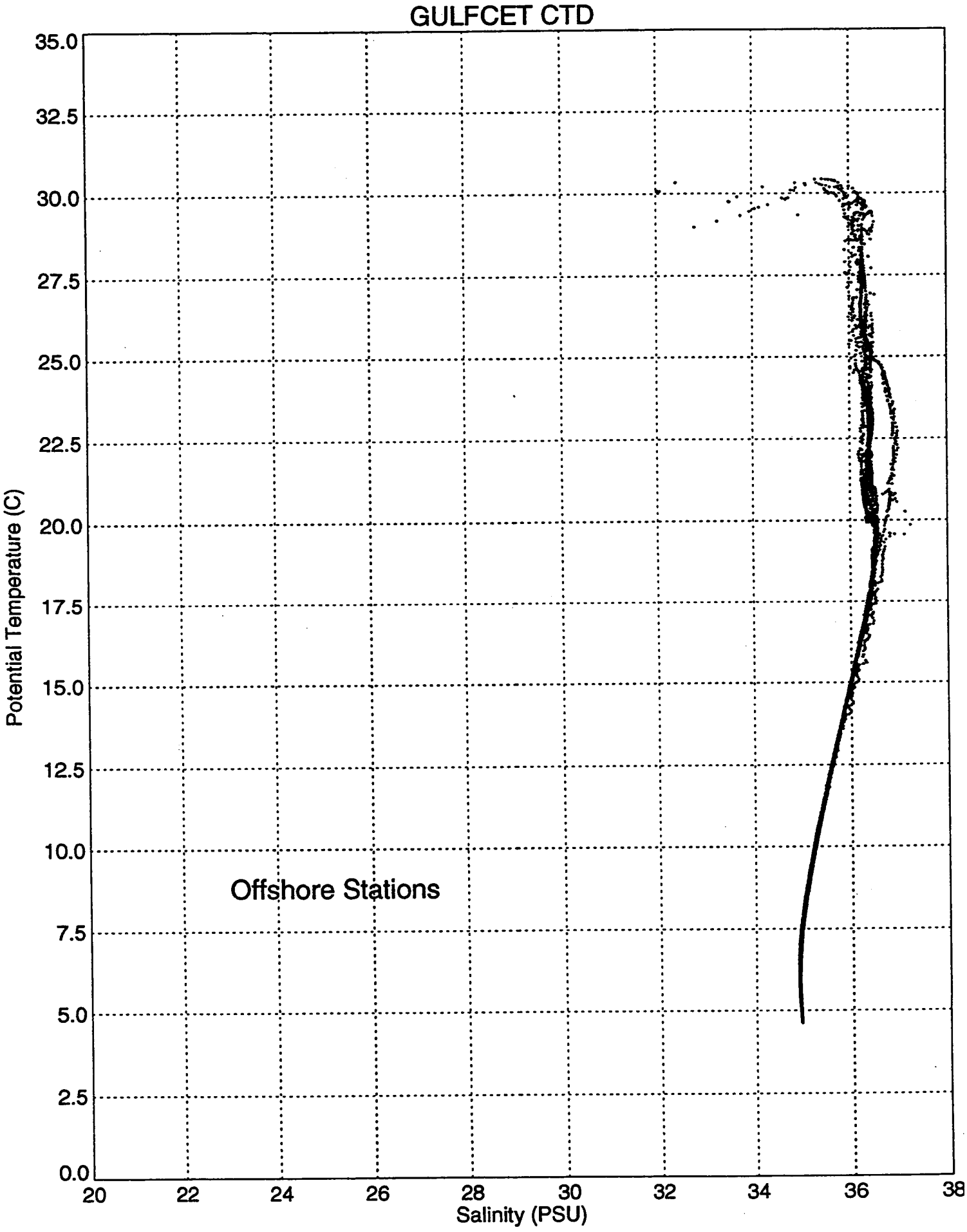


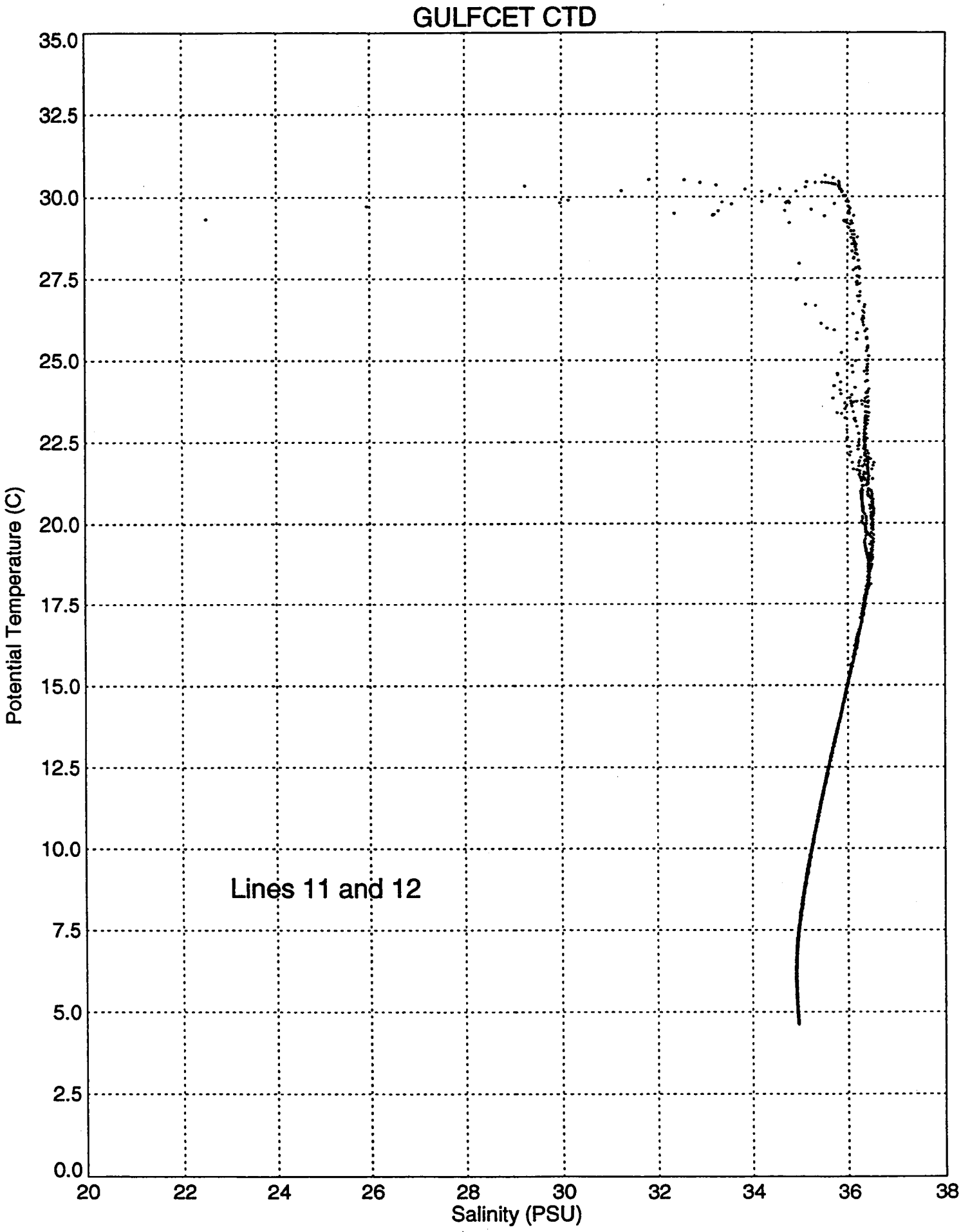
14-143.CNV: Gulfcet Cruise 02

3.6 T-S Plots

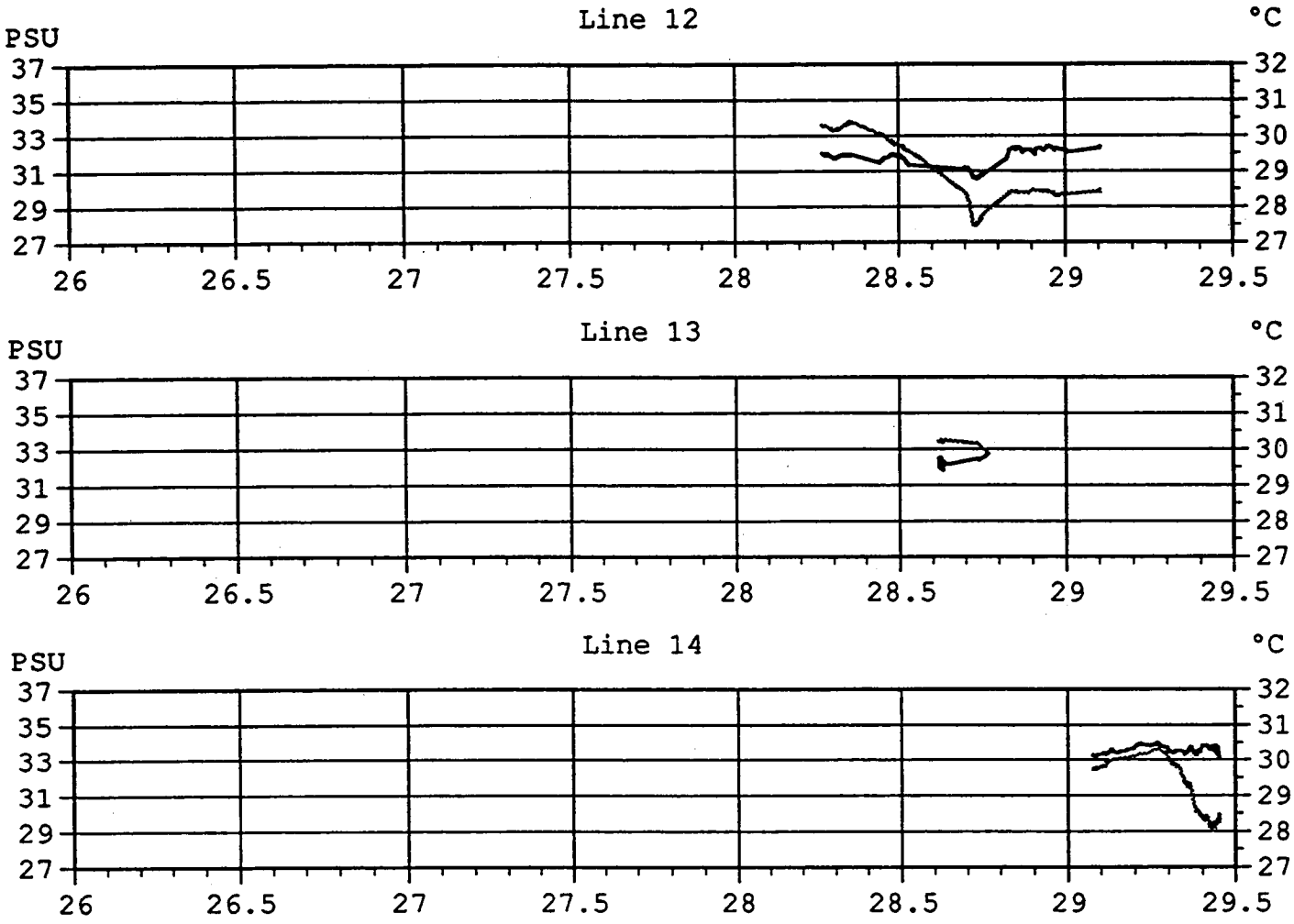

GULFCET CTD
35.0
32.5
30.0
27.5
25.0
22.5
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
Potential Temperature (C)
All CTD Stations
20
22
24
26
28
30
32
34
36
Salinity (PSU)


GULFCET CTD
Potential Temperature (C)
35.0
32.5
30.0
27.5
25.0
22.5
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
Inshore Stations
20
22
24
26
28
30
32
34
36
38
Salinity (PSU)


GULFCET CTD
35.0
32.5
30.0
27.5
25.0
22.5
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
Potential Temperature (C)
Offshore Stations
20
22
24
26
28
30
32
34
36
38
Salinity (PSU)


GULFCET CTD
Potential Temperature (C)
35.0
32.5
30.0
27.5
25.0
22.5
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
20
22
24
26
28
30
32
34
36
38
Salinity (PSU)
Lines 11 and 12

3.7 Continuously Recording Data


Line 12
PSU
°C
37
35
33
31
29
27
32
31
30
29
28
27
26
26.5
27
27.5
28
28.5
29
29.5
Line 13
PSU
°C
37
35
33
31
29
27
32
31
30
29
28
27
26
26.5
27
27.5
28
28.5
29
29.5
Line 14
PSU
°C
37
35
33
31
29
27
32
31
30
29
28
27
26
26.5
27
27.5
28
28.5
29
29.5
Salinity
Temperature

3.8 Salinity Data and Fresh Water Fraction

Data Summary Tables

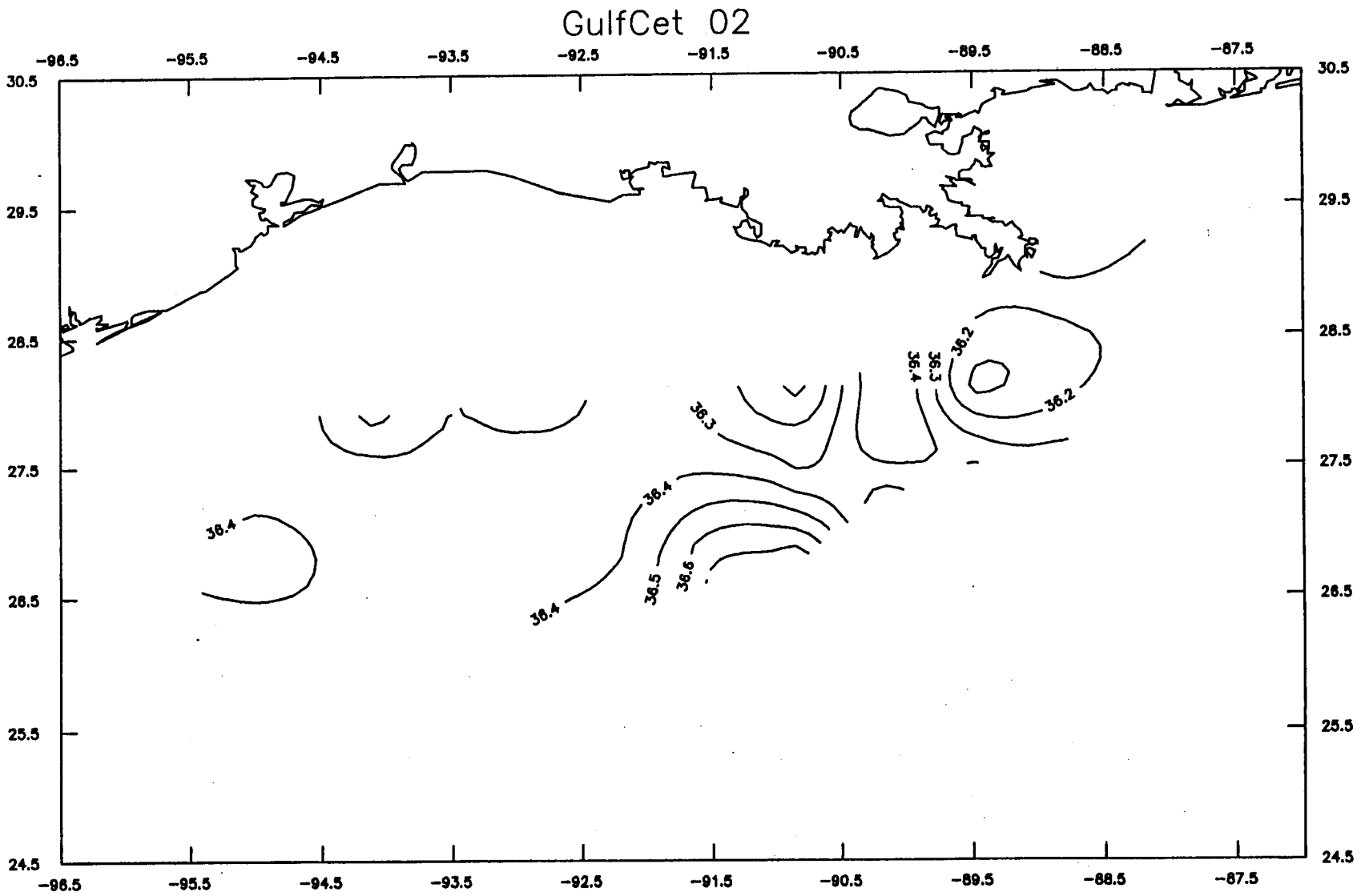
Cruise 02 Salinity Means and Standard Deviations

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

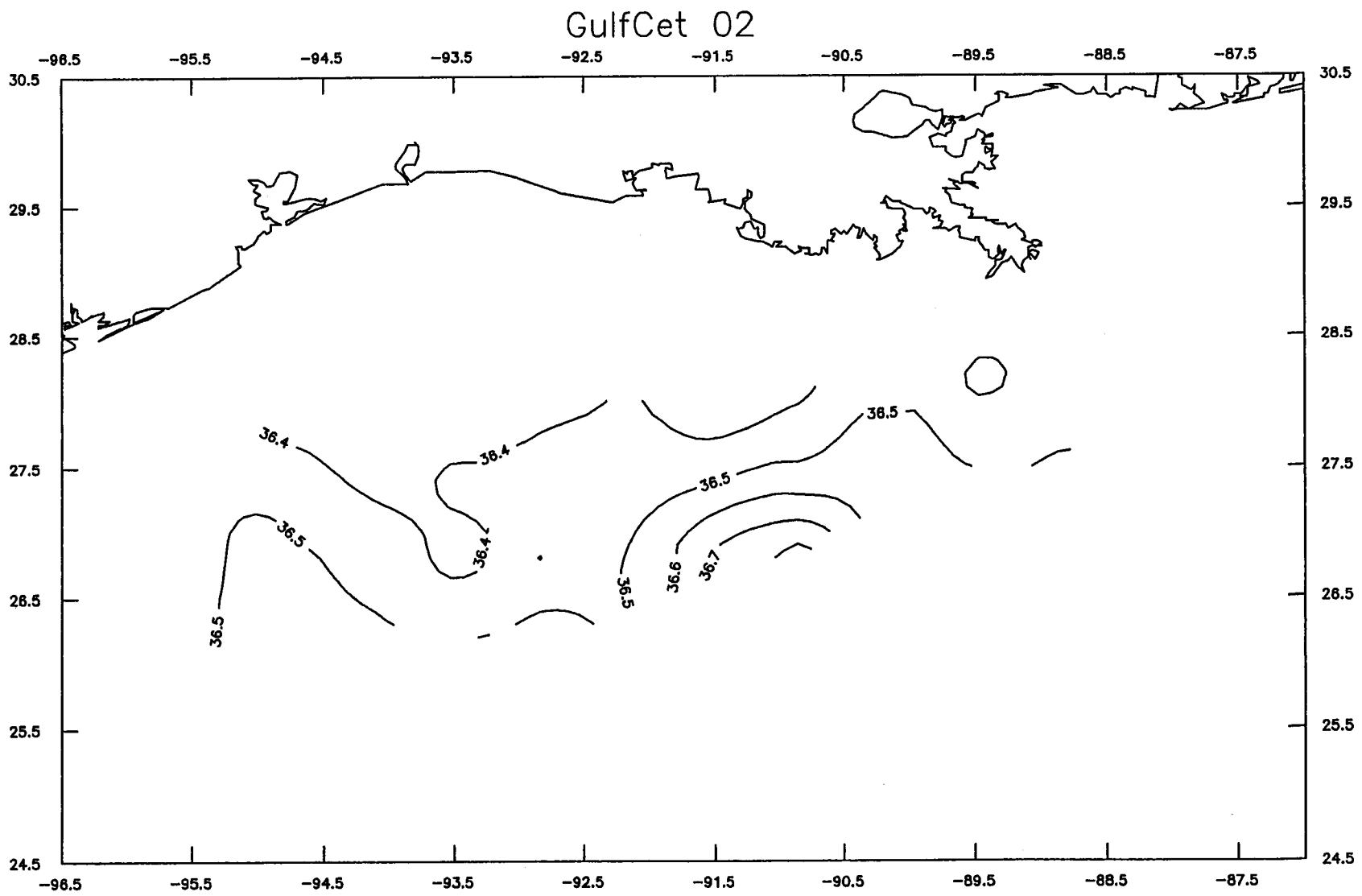
Station	Sample Depth	Salinity Bottle	Salinity CTD	Difference Bottle-CTD	Station	Sample Depth	Salinity Bottle	Salinity CTD	Difference Bottle-CTD
02-010	1.0	36.0714	36.088	-0.016	07-071	0.0	36.0504	36.069	-0.018
02-010	499.1	35.2049	35.214	-0.009	07-071	748.1	34.9038	34.906	-0.002
02-013	0.0	36.2397	36.261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

Note : * anomalous value

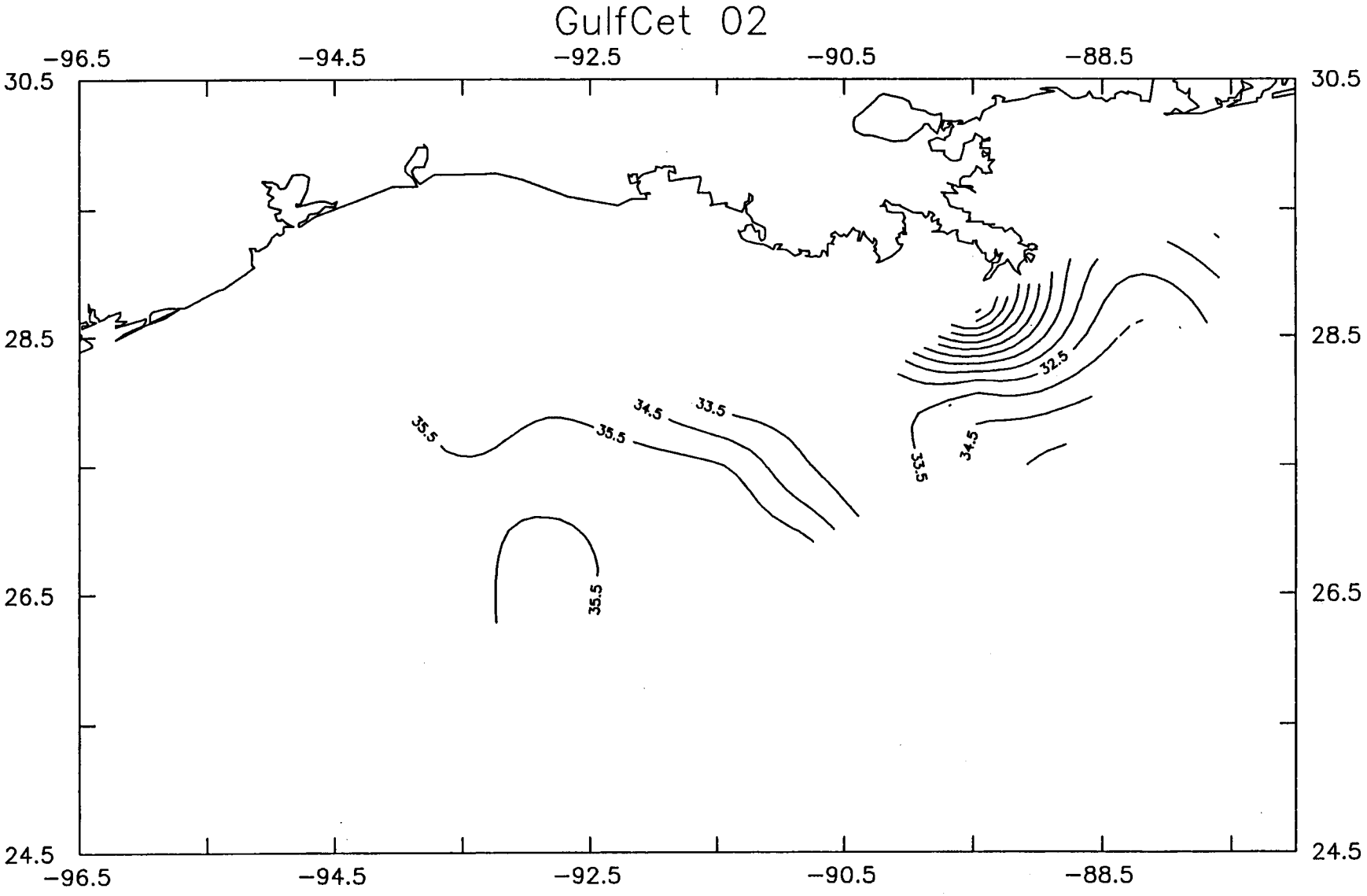
Salinity (PSU) at Reference Density 25



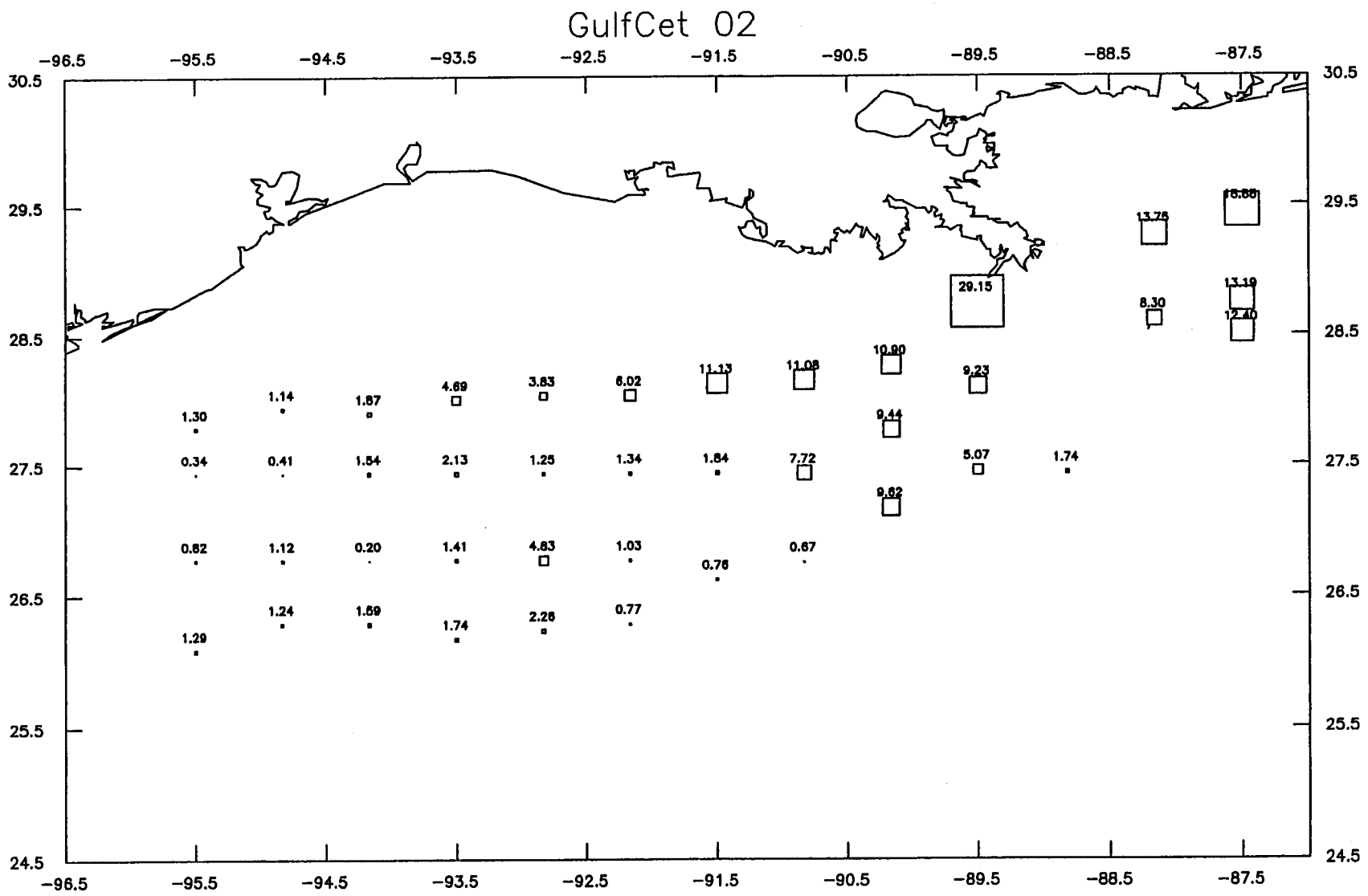
Salinity (PSU) at Reference Density 26



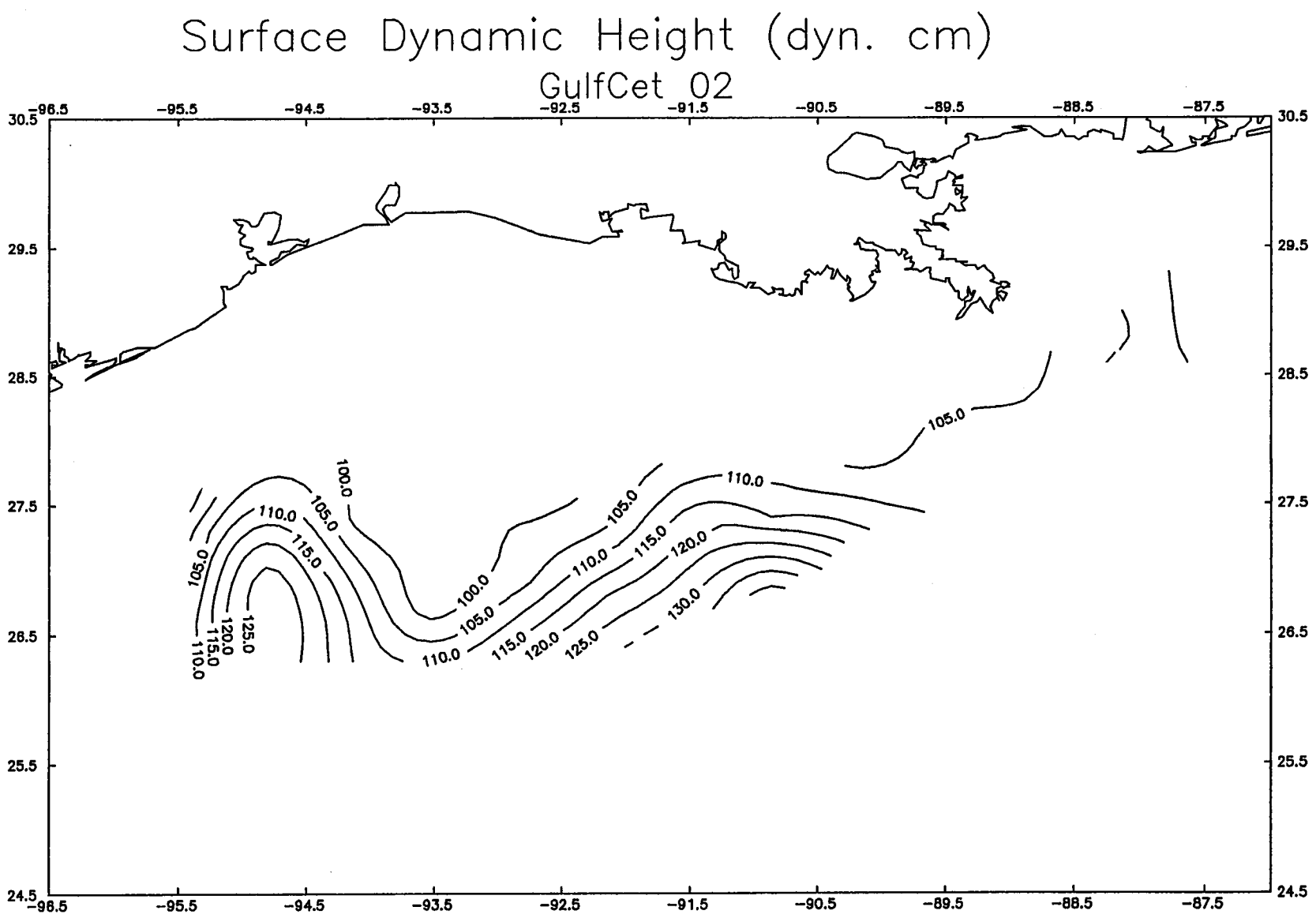
CTD Surface Salinity (PSU)

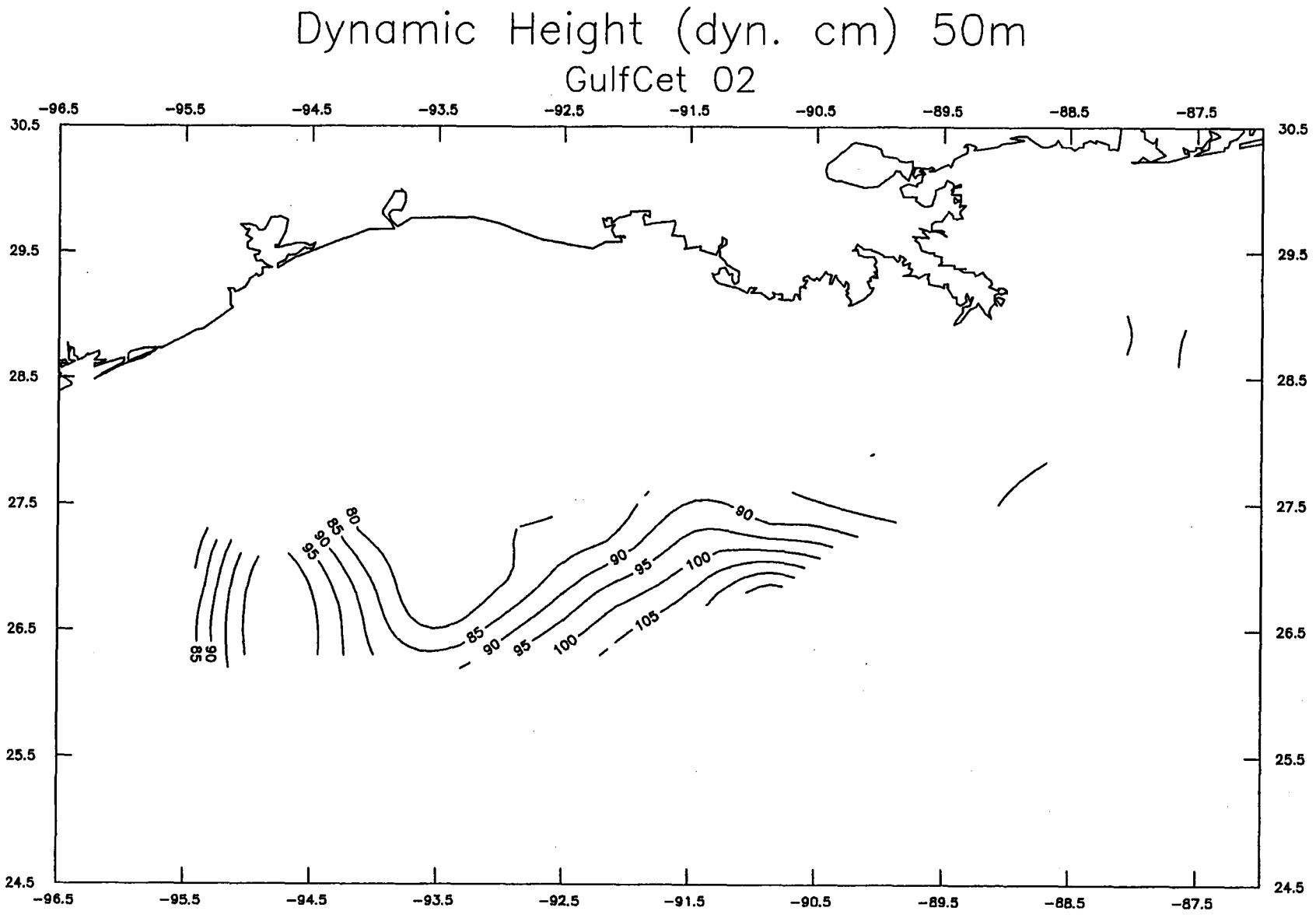


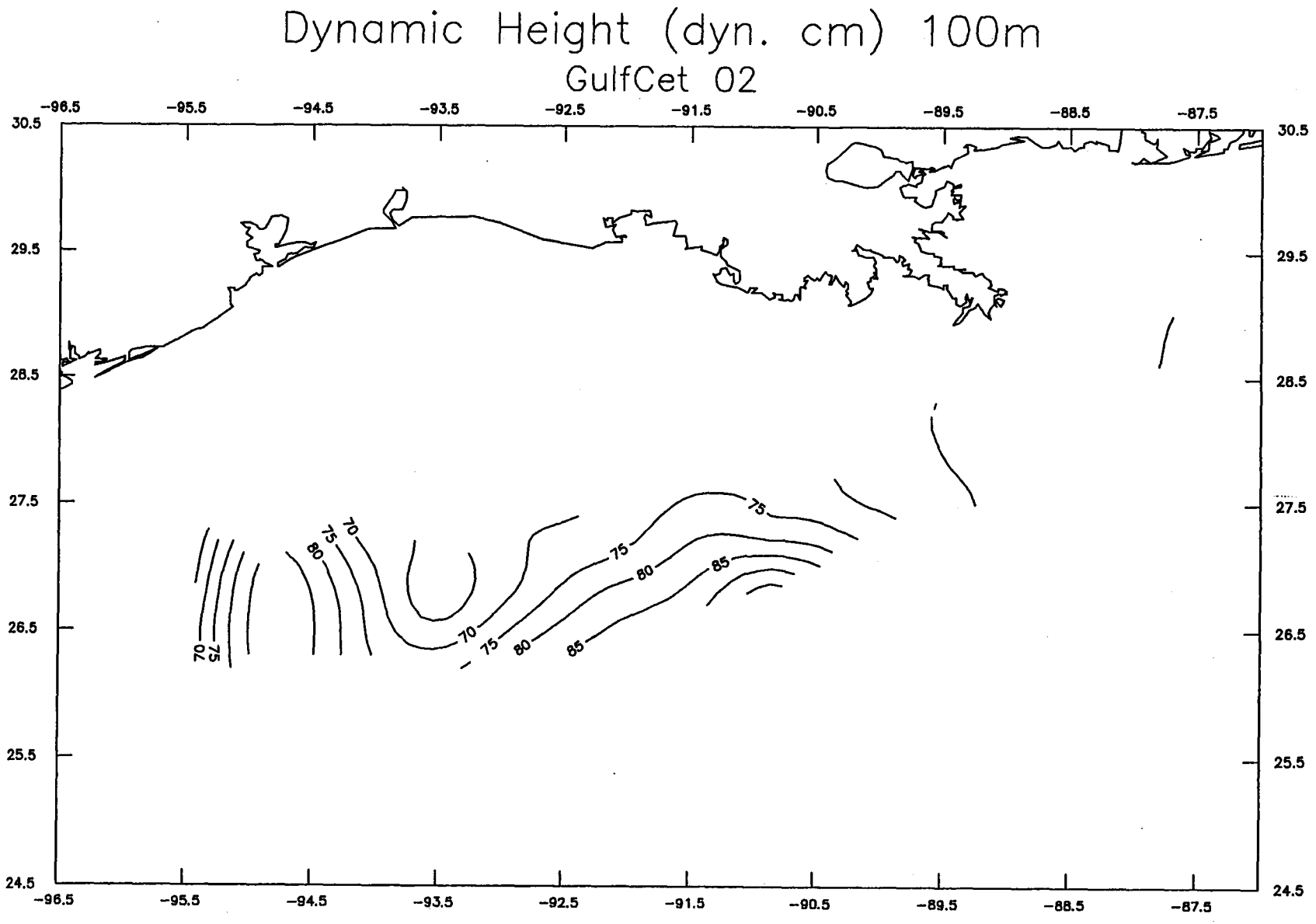
Fresh Water Fraction (%)

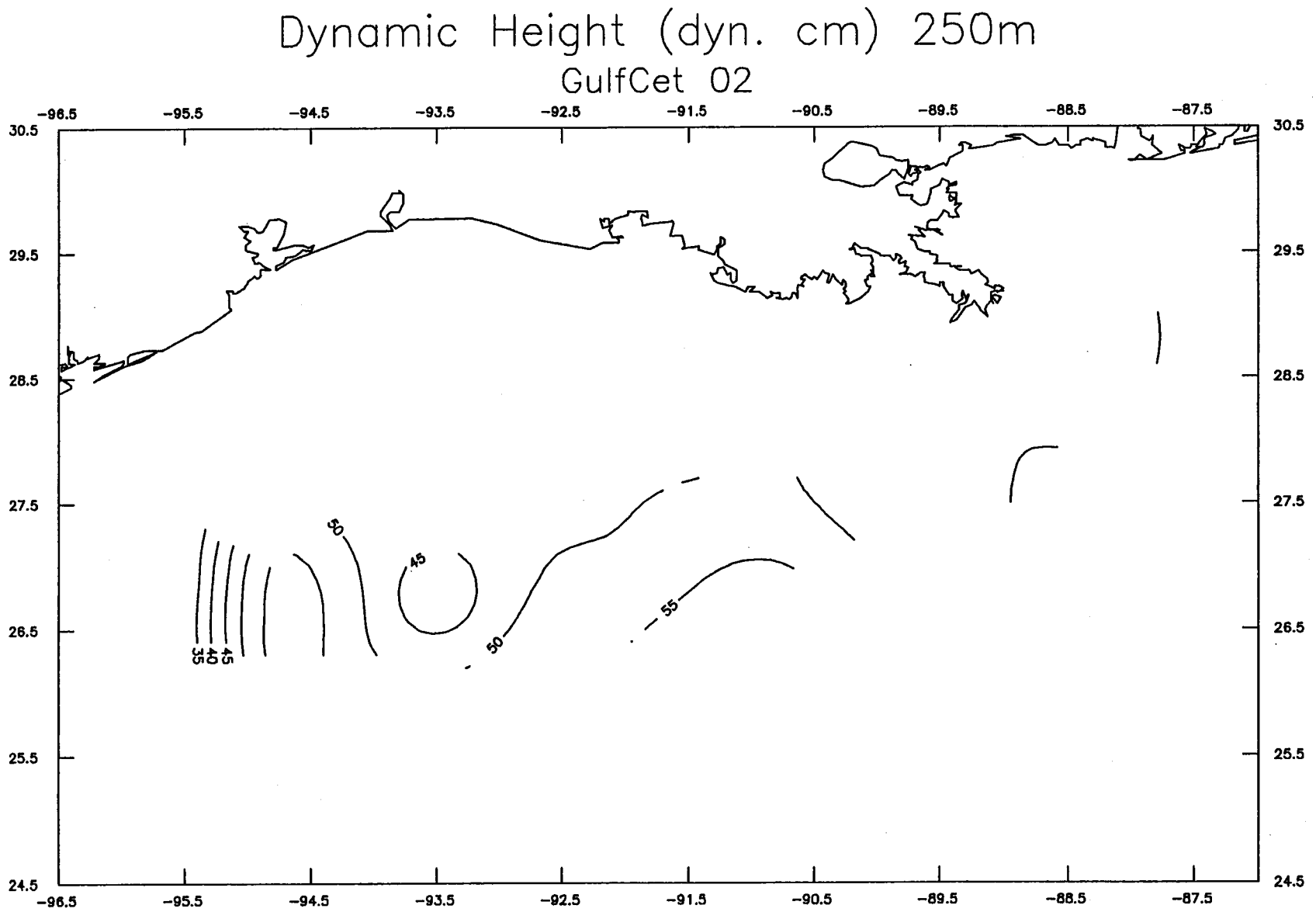


3.9 Dynamic Height Plots


Surface Dynamic Height (dyn. cm)
GulfCet 02
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
105.0
100.0
110.0
115.0
120.0
125.0
130.0


Dynamic Height (dyn. cm) 50m
GulfCet 02
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
80
85
90
95
100
105


Dynamic Height (dyn. cm) 100m
GulfCet 02
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
70
75
80
85


Dynamic Height (dyn. cm) 250m
GulfCet 02
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
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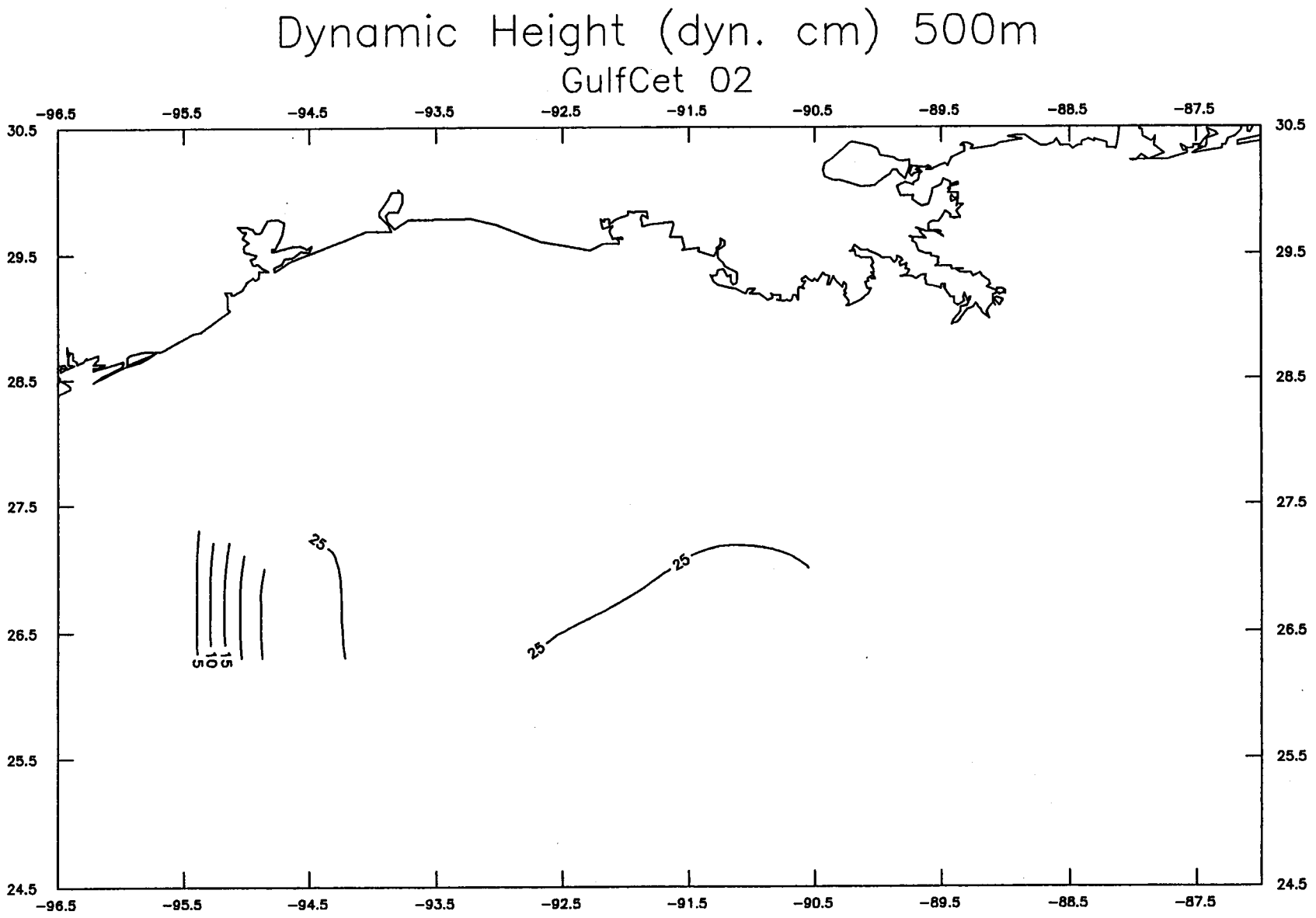
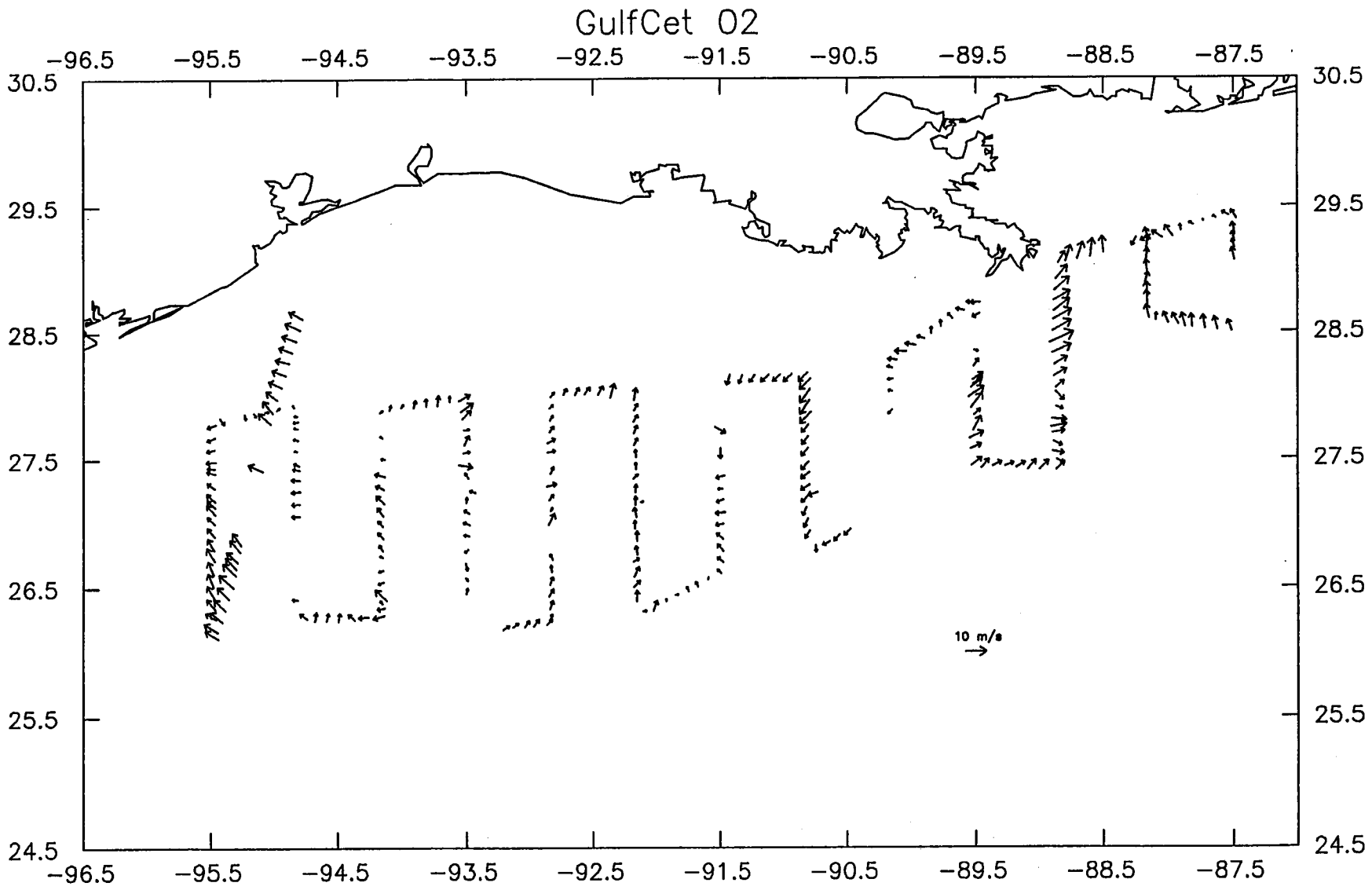
25.5
24.5
35
40
45
50
45
50
55


Dynamic Height (dyn. cm) 500m
GulfCet 02
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
5
10
15
25
25
25

3.10 Wind Speed and Direction Plot

Wind Speed and Direction



IV. TIO CRUISE 3

4.1 Personnel

TIO Cruise 03 Personnel:

Ship's Captain:

Chris Riffe, R/V *Pelican*	

Chief Scientist:

Jeff Norris	TAMU, Research Associate

Scientific Staff:

Tom Jefferson	TAMU, Graduate Student
Logan Respess	TAMUG, Marine Technician
Troy Sparks	TAMU, Graduate Student
Bill Stevens	TAMUG, Marine Technician
Lisa Delos Santos	TAMUG, Student
David Weller	TAMU, Graduate Student
Scott Benson	NMFS, SWFSC
Tod Tenbrick	TAMUG, Student
David Brandon	TAMUG, Computer Programmer
Shawna Pruitt	TAMUG, Student
Ronnie Carroll	Volunteer

TIO Analytical and Processing Personnel:

Sample Analysis:

Logan Respess	TAMUG, Marine Technician

Data Processing and Programming:

David Brandon	TAMUG, Computer Programmer
Mary Howley	TAMUG, Secretary/ Clerk

Report Writing and Quality Assurance:

Giulietta Fargion	TAMUG, GulfCet PI, Research Associate Specialist
Cheryl Schroeder	TAMUG, Student

4.2 Expendable Bathythermograph (XBT) Data

Cruise 3 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
02-012	20 Nov 92	2241	26°41.02'	95°30'	T-20	08-081	15 Nov 92	0805	27°32.99'	91°30.03'	T-20
02-014	21 Nov 92	0629	27°23.07'	95°29.99'	T-20	08-082	15 Nov 92	0956	27°45.54'	91°29.9'	T-7
02-016	21 Nov 92	0802	27°27.92'	95°30.03'	T-7	08-083	15 Nov 92	1034	27°49.56'	91°30.09'	T-7
02-017	21 Nov 92	0932	27°36.49'	95°29.91'	T-7	08-084	15 Nov 92	1053	27°52'	91°30.02'	T-7
02-018	21 Nov 92	1023	27°41.49'	95°30.03'	T-7	08-085	15 Nov 92	1103	27°52.95'	91°29.97'	T-10
02-019	21 Nov 92	1031	27°42.02'	95°29.95'	T-10	09-087	14 Nov 92	0007	28°08.8'	90°50'	T-20
02-EX1	21 Nov 92	1037	27°42.59'	95°29.91'	T-7	09-088	14 Nov 92	0125	28°02.46'	90°49.96'	T-10
03-022	19 Nov 92	1603	27°51.48'	94°49.99'	T-10	09-089	14 Nov 92	0152	27°59.79'	90°49.99'	T-7
03-023	19 Nov 92	1603	27°49'	94°50'	T-7	09-090	14 Nov 92	0259	27°51.98'	90°49.45'	T-7
03-024	19 Nov 92	1747	27°41.9'	94°50.02'	T-7	09-091	14 Nov 92	0358	27°45.96'	90°49.95'	T-7
03-025	19 Nov 92	1857	27°34.92'	94°49.92'	T-7	09-092	14 Nov 92	0458	27°39.51'	90°50.07'	T-7
03-027	19 Nov 92	2209	27°22.91'	94°49.87'	T-20	09-094	14 Nov 92	1016	27°16.03'	90°50.05'	T-20
03-028	20 Nov 92	0105	27°03.44'	94°49.99'	T-20	09-096	14 Nov 92	1538	26°44.54'	90°50.26'	T-7
04-032	18 Nov 92	1934	26°37.19'	94°09.75'	T-20	11-107	12 Nov 92	0639	28°36.09'	89°29.99'	T-10
04-037	19 Nov 92	0551	27°29.97'	94°10.02'	T-20	11-108	12 Nov 92	0720	28°31.99'	89°29.92'	T-7
04-038	19 Nov 92	0708	27°38.09'	94°09.84'	T-7	11-109	12 Nov 92	0759	28°28'	89°29.99'	T-7
04-039	19 Nov 92	0757	27°40.96'	94°09.99'	T-7	11-110	12 Nov 92	0909	28°20.93'	89°30.2'	T-7
04-040	19 Nov 92	0828	27°44.08'	94°10.02'	T-7	11-111	12 Nov 92	1009	28°15.07'	89°29.98'	T-20
04-041	19 Nov 92	0918	27°49.51'	94°09.82'	T-10	12-116	11 Nov 92	0427	27°26'	88°50'	T-7
05-044	17 Nov 92	1701	27°48.89'	93°29.9'	T-10	12-118	11 Nov 92	1331	28°14.5'	88°50.02'	T-20
05-045	17 Nov 92	1910	27°35'	93°29.96'	T-7	12-120	11 Nov 92	1929	28°43.6'	88°50'	T-20
05-046	17 Nov 92	1927	27°32.97'	93°29.98'	T-7	12-121	11 Nov 92	2004	28°47'	88°50'	T-7
05-048	17 Nov 92	2211	27°20.43'	93°27.97'	T-7	12-122	11 Nov 92	2104	28°53'	88°50'	T-7
05-049	18 Nov 92	0023	27°05.95'	93°30.01'	T-20	12-123	11 Nov 92	2129	28°55.5'	88°50'	T-7
05-051	18 Nov 92	0437	26°43'	93°30.01'	T-20	12-124	11 Nov 92	2216	29°00'	88°97'	T-10
06-056	17 Nov 92	2336	26°52.28'	92°50'	T-20	13-127	10 Nov 92	1053	29°13'	88°09.99'	T-10
06-058	17 Nov 92	0353	27°18.98'	92°50.03'	T-20	13-128	10 Nov 92	1126	29°10.5'	88°10'	T-7
06-059	17 Nov 92	0457	27°26.14'	92°49.97'	T-7	13-129	10 Nov 92	1146	29°08.5'	88°10'	T-7
06-060	17 Nov 92	0614	27°34.66'	92°49.84'	T-7	13-130	10 Nov 92	1219	29°05'	88°10.01'	T-7
06-061	17 Nov 92	0715	27°41.2'	92°50.13'	T-7	13-131	10 Nov 92	1234	29°03'	88°10.07'	T-20
06-062	17 Nov 92	0730	27°42.98'	92°50.03'	T-7	13-132	10 Nov 92	1515	28°49'	88°09'	T-20
06-063	17 Nov 92	0916	27°54.51'	92°50.03'	T-10	13-134	10 Nov 92	1837	28°37'	88°10.04'	T-20
07-066	15 Nov 92	1936	27°52.95'	92°09.92'	T-10	14-137*	10 Nov 92	2316	29°04'	87°30'	T-20
07-067	15 Nov 92	1943	27°52'	92°10'	T-10	14-138	10 Nov 92	0015	29°15.08'	87°30'	T-20
07-068	15 Nov 92	2044	27°44.99'	92°09.98'	T-7	14-139	10 Nov 92	0126	29°17'	87°30'	T-7
07-069	15 Nov 92	2154	27°37.03'	92°10.02'	T-7	14-140	10 Nov 92	0159	29°20'	87°30'	T-7
07-070	15 Nov 92	2259	27°29.41'	92°10.02'	T-20	14-141	10 Nov 92	0247	29°22'	87°30'	T-7
07-072	16 Nov 92	0226	27°10.01'	92°10'	T-20	14-142	10 Nov 92	0257	29°24.52'	87°30'	T-10
08-079	15 Nov 92	0451	27°22.99'	91°29.97'	T-20						

* denotes a malfunctioned probe.

XBT Data

Cruise: GULFCET 03 **Station:** 02-012 **Probe Type:** T-20
Latitude: 26° 41.02' N **Longitude:** 95° 30.00' W **Date:** 20-Nov-1992 **Time:** 2241

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.21	310.00	14.35	620.00	7.83
10.00	25.24	320.00	14.01	630.00	7.69
20.00	25.19	330.00	13.62	640.00	7.61
30.00	25.34	340.00	13.28		
40.00	25.32	350.00	12.93		
50.00	25.32	360.00	12.66		
60.00	25.33	370.00	12.31		
70.00	25.32	380.00	12.04		
80.00	25.32	390.00	11.77		
90.00	25.32	400.00	11.57		
100.00	25.32	410.00	11.35		
110.00	24.35	420.00	11.06		
120.00	23.57	430.00	10.90		
130.00	22.86	440.00	10.76		
140.00	22.40	450.00	10.41		
150.00	22.09	460.00	10.22		
160.00	20.65	470.00	10.04		
170.00	20.24	480.00	9.91		
180.00	19.40	490.00	9.70		
190.00	18.95	500.00	9.50		
200.00	18.56	510.00	9.25		
210.00	18.03	520.00	9.15		
220.00	17.39	530.00	9.05		
230.00	16.89	540.00	8.88		
240.00	16.54	550.00	8.66		
250.00	16.14	560.00	8.57		
260.00	15.74	570.00	8.41		
270.00	15.48	580.00	8.31		
280.00	15.15	590.00	8.18		
290.00	14.91	600.00	8.03		
300.00	14.56	610.00	7.92		

Cruise: GULFCET 03 **Station:** 02-014 **Probe Type:** T-20
Latitude: 27° 23.07' N **Longitude:** 95° 29.99' W **Date:** 21-Nov-1992 **Time:** 0629

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.20	310.00	12.93	620.00	7.10	930.00	4.99
10.00	25.12	320.00	12.77	630.00	7.00	940.00	4.96
20.00	25.12	330.00	12.54	640.00	6.88	950.00	4.93
30.00	25.12	340.00	12.25	650.00	6.78	960.00	4.87
40.00	25.11	350.00	11.81	660.00	6.61	970.00	4.79
50.00	25.11	360.00	11.58	670.00	6.55		
60.00	25.17	370.00	11.37	680.00	6.44		
70.00	25.21	380.00	11.17	690.00	6.40		
80.00	23.22	390.00	10.98	700.00	6.32		
90.00	22.03	400.00	10.81	710.00	6.25		
100.00	21.24	410.00	10.57	720.00	6.20		
110.00	20.64	420.00	10.36	730.00	6.06		
120.00	20.02	430.00	10.18	740.00	6.01		
130.00	19.42	440.00	9.95	750.00	5.95		
140.00	18.95	450.00	9.82	760.00	5.91		
150.00	18.33	460.00	9.63	770.00	5.80		
160.00	17.91	470.00	9.38	780.00	5.74		
170.00	17.37	480.00	9.25	790.00	5.69		
180.00	16.82	490.00	9.03	800.00	5.68		
190.00	16.48	500.00	8.87	810.00	5.61		
200.00	16.07	510.00	8.72	820.00	5.56		
210.00	15.71	520.00	8.56	830.00	5.51		
220.00	15.39	530.00	8.40	840.00	5.48		
230.00	15.25	540.00	8.21	850.00	5.42		
240.00	14.98	550.00	8.03	860.00	5.36		
250.00	14.73	560.00	7.88	870.00	5.33		
260.00	14.45	570.00	7.72	880.00	5.29		
270.00	14.09	580.00	7.56	890.00	5.21		
280.00	13.76	590.00	7.42	900.00	5.12		
290.00	13.48	600.00	7.34	910.00	5.07		
300.00	13.25	610.00	7.16	920.00	5.01		

Cruise: GULFCET 03 **Station:** 02-016 **Probe Type:** T-7
Latitude: 27° 27.92' N **Longitude:** 95° 30.03' W **Date:** 21-Nov-1992 **Time:** 0802

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.07	310.00	12.45	620.00	6.69
10.00	25.05	320.00	12.19	630.00	6.61
20.00	25.05	330.00	11.86	640.00	6.51
30.00	25.06	340.00	11.66	650.00	6.37
40.00	25.06	350.00	11.47	660.00	6.31
50.00	25.07	360.00	11.36	670.00	6.28
60.00	25.08	370.00	11.07	680.00	6.17
70.00	25.07	380.00	10.88	690.00	6.07
80.00	22.81	390.00	10.71	700.00	5.98
90.00	21.74	400.00	10.67	710.00	5.96
100.00	20.98	410.00	10.43	720.00	5.95
110.00	20.25	420.00	10.17	730.00	5.94
120.00	19.72	430.00	9.84	740.00	5.91
130.00	19.26	440.00	9.68	750.00	5.83
140.00	18.80	450.00	9.56		
150.00	18.18	460.00	9.42		
160.00	17.83	470.00	9.22		
170.00	17.42	480.00	8.99		
180.00	16.99	490.00	8.81		
190.00	16.50	500.00	8.71		
200.00	16.11	510.00	8.55		
210.00	15.70	520.00	8.32		
220.00	15.26	530.00	8.19		
230.00	14.94	540.00	8.07		
240.00	14.46	550.00	7.66		
250.00	14.09	560.00	7.42		
260.00	13.71	570.00	7.28		
270.00	13.40	580.00	7.13		
280.00	13.18	590.00	7.00		
290.00	13.01	600.00	6.90		
300.00	12.72	610.00	6.79		

Cruise: GULFCET 03 **Station:** 02-017 **Probe Type:** T-7
Latitude: 27° 36.49' N **Longitude:** 95° 29.91' W **Date:** 21-Nov-1992 **Time:** 0932

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.88	310.00	11.55
10.00	23.89	320.00	11.24
20.00	23.90	330.00	11.00
30.00	23.92	340.00	10.79
40.00	23.94	350.00	10.61
50.00	24.33	360.00	10.40
60.00	24.14	370.00	10.21
70.00	24.15	380.00	10.05
80.00	23.75	390.00	9.97
90.00	22.23	400.00	9.78
100.00	20.78	410.00	9.51
110.00	20.07	420.00	9.23
120.00	19.40	430.00	9.10
130.00	18.61	440.00	8.84
140.00	17.84	450.00	8.65
150.00	17.45	460.00	8.54
160.00	16.90	470.00	8.41
170.00	16.39	480.00	8.21
180.00	16.10	490.00	8.05
190.00	15.68		
200.00	15.25		
210.00	15.04		
220.00	14.87		
230.00	14.68		
240.00	14.44		
250.00	14.24		
260.00	13.80		
270.00	13.18		
280.00	12.90		
290.00	12.50		
300.00	12.03		

Cruise: GULFCET 03 **Station:** 02-018 **Probe Type:** T-7
Latitude: 27° 41.49' N **Longitude:** 95° 30.03' W **Date:** 21-Nov-1992 **Time:** 1023

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.09	310.00	10.81
10.00	24.08	320.00	10.57
20.00	24.07	330.00	10.31
30.00	24.09	340.00	10.09
40.00	24.14	350.00	9.99
50.00	24.46	360.00	9.80
60.00	23.92	370.00	9.66
70.00	23.25	380.00	9.62
80.00	22.20		
90.00	21.21		
100.00	20.53		
110.00	20.20		
120.00	19.51		
130.00	18.60		
140.00	17.41		
150.00	16.74		
160.00	16.43		
170.00	15.80		
180.00	15.42		
190.00	14.92		
200.00	14.52		
210.00	13.88		
220.00	13.37		
230.00	13.04		
240.00	12.76		
250.00	12.51		
260.00	12.12		
270.00	11.88		
280.00	11.78		
290.00	11.53		
300.00	11.09		

Cruise: GULFCET 03 **Station:** 02-019 **Probe Type:** T-10
Latitude: 27° 42.02' N **Longitude:** 95° 29.95' W **Date:** 21-Nov-1992 **Time:** 1031

Depth (m)	Temp. (°C)
0.00	24.06
10.00	24.09
20.00	24.09
30.00	24.09
40.00	24.31
50.00	24.47
60.00	23.90
70.00	23.09
80.00	22.44
90.00	21.50
100.00	20.39
110.00	19.90
120.00	19.41
130.00	18.68
140.00	17.74
150.00	16.93
160.00	16.40
170.00	15.98
180.00	15.34
190.00	14.98
200.00	14.33
210.00	14.03

Cruise: GULFCET 03 **Station:** 02-EX1 **Probe Type:** T-7
Latitude: 27° 42.59' N **Longitude:** 95° 29.91' W **Date:** 21-Nov-1992 **Time:** 1037

Depth (m)	Temp. (°C)
0.00	24.19
10.00	24.13
20.00	24.13
30.00	24.13
40.00	24.15
50.00	24.59
60.00	24.00
70.00	23.33
80.00	22.66
90.00	21.34
100.00	20.51
110.00	20.10
120.00	19.65
130.00	19.02
140.00	18.02
150.00	17.00
160.00	16.45
170.00	15.79
180.00	15.38
190.00	14.79
200.00	14.28
210.00	13.20
220.00	12.95
230.00	12.82
240.00	12.56
250.00	12.29
260.00	12.00
270.00	11.82
280.00	11.61
290.00	11.45

Cruise: GULFCET 03 **Station:** 03-022 **Probe Type:** T-10
Latitude: 27° 51.48' N **Longitude:** 94° 49.99' W **Date:** 19-Nov-1992 **Time:** 1603

Depth (m)	Temp. (°C)
0.00	24.35
10.00	24.34
20.00	24.35
30.00	24.45
40.00	24.73
50.00	24.96
60.00	24.95
70.00	25.03
80.00	24.95
90.00	23.28
100.00	22.34
110.00	21.46
120.00	20.13
130.00	19.40
140.00	18.45
150.00	17.33
160.00	15.98
170.00	15.30
180.00	14.83
190.00	14.43

Cruise: GULFCET 03 **Station:** 03-023 **Probe Type:** T-7
Latitude: 27° 49.00' N **Longitude:** 94° 50.00' W **Date:** 19-Nov-1992 **Time:** 1629

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.49	310.00	10.41
10.00	24.43	320.00	10.20
20.00	24.42	330.00	10.08
30.00	24.65	340.00	10.03
40.00	24.93	350.00	10.01
50.00	25.01		
60.00	25.01		
70.00	24.94		
80.00	24.28		
90.00	22.89		
100.00	21.52		
110.00	20.13		
120.00	19.56		
130.00	18.79		
140.00	18.02		
150.00	17.20		
160.00	16.71		
170.00	15.95		
180.00	15.34		
190.00	14.91		
200.00	14.66		
210.00	14.37		
220.00	14.01		
230.00	13.64		
240.00	13.45		
250.00	12.94		
260.00	12.60		
270.00	12.22		
280.00	11.89		
290.00	11.00		
300.00	10.79		

Cruise: GULFCET 03 **Station:** 03-024 **Probe Type:** T-7
Latitude: 27° 41.90' N **Longitude:** 94° 50.02' W **Date:** 19-Nov-1992 **Time:** 1747

Depth (m)	Temp. (°C)	300.00	12.63	Depth (m)	Temp. (°C)
0.00	25.02			310.00	12.50
10.00	25.02			320.00	12.21
20.00	25.03			330.00	11.91
30.00	25.03			340.00	11.85
40.00	25.03			350.00	11.65
50.00	25.03			360.00	11.31
60.00	25.03			370.00	11.11
70.00	25.02			380.00	10.79
80.00	23.33			390.00	10.36
90.00	22.38			400.00	9.92
100.00	20.99			410.00	9.42
110.00	20.34			420.00	9.27
120.00	20.15			430.00	9.16
130.00	19.52			440.00	9.05
140.00	18.89			450.00	8.88
150.00	18.32			460.00	8.68
160.00	17.51			470.00	8.65
170.00	16.99			480.00	8.44
180.00	16.55			490.00	8.24
190.00	15.99				
200.00	15.40				
210.00	15.13				
220.00	14.76				
230.00	14.47				
240.00	14.15				
250.00	13.85				
260.00	13.57				
270.00	13.34				
280.00	12.98				
290.00	12.78				

Cruise: GULFCET 03 **Station:** 03-025 **Probe Type:** T-7
Latitude: 27° 34.92' N **Longitude:** 94° 49.92' W **Date:** 19-Nov-1992 **Time:** 1857

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.09	310.00	12.83
10.00	25.03	320.00	12.53
20.00	25.02	330.00	12.28
30.00	25.02	340.00	11.85
40.00	25.04	350.00	11.38
50.00	25.04	360.00	11.10
60.00	25.02	370.00	10.83
70.00	25.01	380.00	10.63
80.00	23.22	390.00	10.43
90.00	22.08	400.00	10.15
100.00	21.04	410.00	10.07
110.00	20.51	420.00	9.97
120.00	19.94	430.00	9.80
130.00	19.48	440.00	9.66
140.00	18.82		
150.00	18.40		
160.00	18.08		
170.00	17.51		
180.00	16.95		
190.00	16.58		
200.00	16.02		
210.00	15.58		
220.00	15.23		
230.00	15.01		
240.00	14.76		
250.00	14.52		
260.00	14.25		
270.00	13.97		
280.00	13.63		
290.00	13.45		
300.00	13.16		

Cruise: GULFCET 03 **Station:** 03-027 **Probe Type:** T-20
Latitude: 27° 22.91' N **Longitude:** 94° 49.87' W **Date:** 19-Nov-1992 **Time:** 2209

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.24	310.00	12.99
10.00	25.22	320.00	12.66
20.00	25.20	330.00	12.39
30.00	25.21	340.00	12.12
40.00	25.20	350.00	11.73
50.00	25.15	360.00	11.61
60.00	25.15		
70.00	25.16		
80.00	22.73		
90.00	22.30		
100.00	21.62		
110.00	20.86		
120.00	20.35		
130.00	19.92		
140.00	19.30		
150.00	18.60		
160.00	18.03		
170.00	17.63		
180.00	17.36		
190.00	16.76		
200.00	16.47		
210.00	16.16		
220.00	15.87		
230.00	15.61		
240.00	15.17		
250.00	14.88		
260.00	14.44		
270.00	14.07		
280.00	13.71		
290.00	13.37		
300.00	13.14		

Cruise: GULFCET 03 **Station:** 03-028 **Probe Type:** T-20
Latitude: 27° 03.44' N **Longitude:** 94° 49.99' W **Date:** 20-Nov-1992 **Time:** 0105

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.98	310.00	13.94	620.00	7.98	930.00	5.41
10.00	25.26	320.00	13.70	630.00	7.87	940.00	5.35
20.00	25.28	330.00	13.34	640.00	7.78	950.00	5.33
30.00	25.30	340.00	12.97	650.00	7.64	960.00	5.29
40.00	25.30	350.00	12.75	660.00	7.52	970.00	5.24
50.00	25.30	360.00	12.45	670.00	7.40	980.00	5.20
60.00	25.29	370.00	12.18	680.00	7.28	990.00	5.19
70.00	25.29	380.00	12.09	690.00	7.18		
80.00	25.27	390.00	11.82	700.00	7.02		
90.00	25.25	400.00	11.53	710.00	6.86		
100.00	25.22	410.00	11.35	720.00	6.72		
110.00	23.90	420.00	11.09	730.00	6.65		
120.00	23.19	430.00	11.23	740.00	6.56		
130.00	22.47	440.00	10.50	750.00	6.50		
140.00	22.22	450.00	10.39	760.00	6.40		
150.00	21.81	460.00	10.17	770.00	6.32		
160.00	20.25	470.00	9.95	780.00	6.23		
170.00	19.70	480.00	9.83	790.00	6.19		
180.00	19.09	490.00	9.74	800.00	6.12		
190.00	18.43	500.00	9.61	810.00	6.07		
200.00	18.00	510.00	9.42	820.00	6.01		
210.00	17.34	520.00	9.23	830.00	5.93		
220.00	16.86	530.00	9.10	840.00	5.87		
230.00	16.50	540.00	8.96	850.00	5.82		
240.00	16.08	550.00	8.90	860.00	5.76		
250.00	15.77	560.00	8.61	870.00	5.73		
260.00	15.40	570.00	8.51	880.00	5.65		
270.00	15.09	580.00	8.40	890.00	5.58		
280.00	14.89	590.00	8.30	900.00	5.57		
290.00	14.45	600.00	8.20	910.00	5.49		
300.00	14.17	610.00	8.08	920.00	5.48		

Cruise: GULFCET 03 **Station:** 04-032 **Probe Type:** T-20
Latitude: 26° 37.19' N **Longitude:** 94° 09.75' W **Date:** 18-Nov-1992 **Time:** 1934

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.44	310.00	14.01	620.00	7.76	930.00	5.41
10.00	25.44	320.00	13.69	630.00	7.67	940.00	5.38
20.00	25.44	330.00	13.42	640.00	7.59	950.00	5.31
30.00	25.44	340.00	13.20	650.00	7.46	960.00	5.29
40.00	25.44	350.00	12.93	660.00	7.34	970.00	5.28
50.00	25.43	360.00	12.53	670.00	7.22	980.00	5.23
60.00	25.42	370.00	12.23	680.00	7.06	990.00	5.21
70.00	25.42	380.00	11.86	690.00	6.95		
80.00	25.42	390.00	11.62	700.00	6.89		
90.00	25.42	400.00	11.39	710.00	6.78		
100.00	25.41	410.00	11.20	720.00	6.70		
110.00	25.40	420.00	10.93	730.00	6.62		
120.00	24.06	430.00	10.82	740.00	6.51		
130.00	23.20	440.00	10.59	750.00	6.39		
140.00	22.74	450.00	10.34	760.00	6.35		
150.00	22.27	460.00	10.15	770.00	6.26		
160.00	21.08	470.00	9.94	780.00	6.22		
170.00	20.29	480.00	9.79	790.00	6.15		
180.00	19.54	490.00	9.67	800.00	6.06		
190.00	18.90	500.00	9.54	810.00	6.01		
200.00	18.18	510.00	9.38	820.00	5.97		
210.00	17.54	520.00	9.20	830.00	5.90		
220.00	17.12	530.00	8.99	840.00	5.82		
230.00	16.82	540.00	8.84	850.00	5.79		
240.00	16.22	550.00	8.76	860.00	5.72		
250.00	15.94	560.00	8.59	870.00	5.68		
260.00	15.65	570.00	8.49	880.00	5.64		
270.00	15.37	580.00	8.33	890.00	5.59		
280.00	14.99	590.00	8.21	900.00	5.55		
290.00	14.64	600.00	8.08	910.00	5.48		
300.00	14.30	610.00	7.90	920.00	5.43		

Cruise: GULFCET 03 **Station:** 04-037 **Probe Type:** T-20
Latitude: 27° 29.97' N **Longitude:** 94° 10.02' W **Date:** 19-Nov-1992 **Time:** 0551

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.52	310.00	11.94	620.00	6.98	930.00	5.00
10.00	24.48	320.00	11.66	630.00	6.91	940.00	4.95
20.00	24.43	330.00	11.43	640.00	6.78		
30.00	24.46	340.00	11.16	650.00	6.72		
40.00	24.39	350.00	10.81	660.00	6.64		
50.00	24.37	360.00	10.49	670.00	6.61		
60.00	24.37	370.00	10.28	680.00	6.56		
70.00	24.33	380.00	10.01	690.00	6.53		
80.00	22.42	390.00	9.65	700.00	6.48		
90.00	21.14	400.00	9.53	710.00	6.34		
100.00	20.32	410.00	9.41	720.00	6.30		
110.00	19.69	420.00	9.29	730.00	6.12		
120.00	19.15	430.00	9.03	740.00	6.02		
130.00	18.38	440.00	8.83	750.00	5.96		
140.00	17.80	450.00	8.72	760.00	5.88		
150.00	17.43	460.00	8.56	770.00	5.82		
160.00	16.91	470.00	8.42	780.00	5.78		
170.00	16.54	480.00	8.31	790.00	5.77		
180.00	16.19	490.00	8.24	800.00	5.76		
190.00	15.71	500.00	8.18	810.00	5.70		
200.00	15.33	510.00	8.06	820.00	5.59		
210.00	15.03	520.00	7.93	830.00	5.45		
220.00	14.66	530.00	7.83	840.00	5.36		
230.00	14.17	540.00	7.74	850.00	5.26		
240.00	13.75	550.00	7.69	860.00	5.19		
250.00	13.44	560.00	7.58	870.00	5.14		
260.00	13.08	570.00	7.50	880.00	5.13		
270.00	12.91	580.00	7.41	890.00	5.10		
280.00	12.48	590.00	7.28	900.00	5.05		
290.00	12.17	600.00	7.14	910.00	5.03		
300.00	12.04	610.00	7.03	920.00	5.01		

Cruise: GULFCET 03 **Station:** 04-038 **Probe Type:** T-7
Latitude: 27° 38.09' N **Longitude:** 94° 09.84' W **Date:** 19-Nov-1992 **Time:** 0708

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.40	310.00	11.98	620.00	6.68
10.00	24.38	320.00	11.73	630.00	6.64
20.00	24.33	330.00	11.47	640.00	6.58
30.00	24.28	340.00	11.28	650.00	6.48
40.00	24.28	350.00	10.82	660.00	6.44
50.00	24.37	360.00	10.38	670.00	6.40
60.00	24.36	370.00	10.19	680.00	6.37
70.00	24.35	380.00	10.03	690.00	6.35
80.00	23.07	390.00	9.76	700.00	6.33
90.00	22.04	400.00	9.55	710.00	6.31
100.00	20.77	410.00	9.36	720.00	6.30
110.00	20.07	420.00	9.17	730.00	6.24
120.00	19.37	430.00	9.09	740.00	6.21
130.00	18.77	440.00	9.00	750.00	6.19
140.00	18.26	450.00	8.91		
150.00	17.54	460.00	8.76		
160.00	16.94	470.00	8.58		
170.00	16.44	480.00	8.23		
180.00	16.05	490.00	8.05		
190.00	15.63	500.00	7.80		
200.00	15.37	510.00	7.67		
210.00	15.10	520.00	7.53		
220.00	14.64	530.00	7.47		
230.00	14.17	540.00	7.37		
240.00	14.03	550.00	7.33		
250.00	13.61	560.00	7.19		
260.00	13.36	570.00	7.15		
270.00	13.07	580.00	7.01		
280.00	12.83	590.00	6.94		
290.00	12.51	600.00	6.90		
300.00	12.26	610.00	6.76		

Cruise: GULFCET 03 **Station:** 04-039 **Probe Type:** T-7
Latitude: 27° 40.96' N **Longitude:** 94° 09.99' W **Date:** 19-Nov-1992 **Time:** 0757

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.26	310.00	11.21
10.00	24.24	320.00	11.00
20.00	24.24	330.00	10.94
30.00	24.25	340.00	10.76
40.00	24.23	350.00	10.44
50.00	24.24	360.00	10.29
60.00	24.23	370.00	9.75
70.00	24.19	380.00	9.55
80.00	22.29	390.00	9.25
90.00	21.19	400.00	8.99
100.00	20.43	410.00	8.75
110.00	20.19	420.00	8.60
120.00	19.49	430.00	8.52
130.00	18.61	440.00	8.40
140.00	18.12	450.00	8.26
150.00	17.49	460.00	8.17
160.00	17.06	470.00	8.17
170.00	16.52	480.00	8.01
180.00	15.71	490.00	7.78
190.00	15.30	500.00	7.67
200.00	14.97	510.00	7.54
210.00	14.75	520.00	7.39
220.00	14.46		
230.00	13.85		
240.00	13.44		
250.00	12.91		
260.00	12.64		
270.00	12.60		
280.00	12.25		
290.00	12.09		
300.00	11.73		

Cruise: GULFCET 03 **Station:** 04-040 **Probe Type:** T-7
Latitude: 27° 44.08' N **Longitude:** 94° 10.02' W **Date:** 19-Nov-1992 **Time:** 0828

Depth (m)	Temp. (°C)
0.00	24.55
10.00	24.39
20.00	24.38
30.00	24.38
40.00	24.38
50.00	24.37
60.00	24.36
70.00	24.31
80.00	23.71
90.00	21.80
100.00	20.83
110.00	20.12
120.00	19.58
130.00	18.81
140.00	17.98
150.00	17.34
160.00	16.96
170.00	16.51
180.00	16.03
190.00	15.57
200.00	14.89
210.00	14.25
220.00	14.09
230.00	13.78
240.00	13.34
250.00	13.23
260.00	12.85
270.00	12.41
280.00	12.11
290.00	11.45

Cruise: GULFCET 03 **Station:** 04-041 **Probe Type:** T-10
Latitude: 27° 49.51' N **Longitude:** 94° 09.82' W **Date:** 19-Nov-1992 **Time:** 0918

Depth (m)	Temp. (°C)
0.00	24.46
10.00	24.32
20.00	24.32
30.00	24.32
40.00	24.32
50.00	24.32
60.00	24.33
70.00	24.33
80.00	23.88
90.00	22.08
100.00	21.15
110.00	20.38
120.00	19.93
130.00	19.25
140.00	17.79
150.00	16.75
160.00	15.74
170.00	15.00
180.00	14.71

Cruise: GULFCET 03 **Station:** 05-044 **Probe Type:** T-10
Latitude: 27° 48.89' N **Longitude:** 93° 29.90' W **Date:** 17-Nov-1992 **Time:** 1701

Depth (m)	Temp. (°C)
0.00	24.39
10.00	24.45
20.00	24.45
30.00	24.41
40.00	24.40
50.00	24.41
60.00	24.42
70.00	24.42
80.00	24.41
90.00	23.36
100.00	21.30
110.00	19.93
120.00	19.35
130.00	18.08
140.00	17.32
150.00	16.65
160.00	15.73
170.00	15.11
180.00	14.74
190.00	14.25

Cruise: GULFCET 03 **Station:** 05-045 **Probe Type:** T-7
Latitude: 27° 35.00' N **Longitude:** 93° 29.96' W **Date:** 17-Nov-1992 **Time:** 1910

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.54	310.00	12.08
10.00	24.32		
20.00	24.37		
30.00	24.36		
40.00	24.40		
50.00	24.37		
60.00	24.40		
70.00	23.70		
80.00	21.90		
90.00	21.02		
100.00	20.25		
110.00	19.72		
120.00	19.25		
130.00	18.51		
140.00	18.05		
150.00	17.67		
160.00	17.30		
170.00	16.85		
180.00	15.81		
190.00	15.69		
200.00	15.68		
210.00	15.43		
220.00	15.06		
230.00	14.91		
240.00	14.81		
250.00	14.55		
260.00	14.03		
270.00	13.33		
280.00	12.79		
290.00	12.26		
300.00	12.12		

Cruise: GULFCET 03 **Station:** 05-046 **Probe Type:** T-7
Latitude: 27° 32.97' N **Longitude:** 93° 29.98' W **Date:** 17-Nov-1992 **Time:** 1927

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.47	310.00	11.91
10.00	24.40	320.00	11.52
20.00	24.45	330.00	10.54
30.00	24.45	340.00	9.88
40.00	24.44	350.00	9.35
50.00	24.45	360.00	9.28
60.00	24.46	370.00	9.18
70.00	23.90	380.00	9.03
80.00	22.59	390.00	8.73
90.00	21.52	400.00	8.63
100.00	20.37	410.00	8.52
110.00	20.00	420.00	8.41
120.00	19.52	430.00	8.34
130.00	18.77		
140.00	18.30		
150.00	17.81		
160.00	17.30		
170.00	16.66		
180.00	16.13		
190.00	15.67		
200.00	15.49		
210.00	15.04		
220.00	14.77		
230.00	14.55		
240.00	14.31		
250.00	14.01		
260.00	13.86		
270.00	13.62		
280.00	13.30		
290.00	12.69		
300.00	12.11		

Cruise: GULFCET 03 **Station:** 05-048 **Probe Type:** T-7
Latitude: 27° 20.43' N **Longitude:** 93° 27.97' W **Date:** 17-Nov-1992 **Time:** 2211

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.46	310.00	11.81	620.00	6.31
10.00	24.39	320.00	11.53	630.00	6.28
20.00	24.37	330.00	11.31	640.00	6.25
30.00	24.36	340.00	11.02	650.00	6.19
40.00	24.37	350.00	10.82	660.00	6.11
50.00	24.37	360.00	10.64	670.00	6.08
60.00	24.35	370.00	10.49	680.00	6.03
70.00	22.77	380.00	10.33	690.00	5.99
80.00	21.73	390.00	10.19	700.00	5.96
90.00	21.18	400.00	10.07	710.00	5.94
100.00	20.17	410.00	9.96	720.00	5.90
110.00	19.33	420.00	9.80	730.00	5.74
120.00	18.80	430.00	9.55		
130.00	18.37	440.00	9.33		
140.00	17.71	450.00	9.23		
150.00	17.11	460.00	8.93		
160.00	16.68	470.00	8.84		
170.00	16.30	480.00	8.69		
180.00	15.83	490.00	8.47		
190.00	15.54	500.00	8.33		
200.00	15.10	510.00	8.16		
210.00	14.71	520.00	8.04		
220.00	14.39	530.00	7.92		
230.00	14.04	540.00	7.69		
240.00	13.78	550.00	7.37		
250.00	13.35	560.00	7.25		
260.00	13.12	570.00	7.21		
270.00	12.81	580.00	6.98		
280.00	12.50	590.00	6.88		
290.00	12.25	600.00	6.48		
300.00	12.07	610.00	6.36		

Cruise: GULFCET 03 **Station:** 05-049 **Probe Type:** T-20
Latitude: 27° 05.95' N **Longitude:** 93° 30.01' W **Date:** 18-Nov-1992 **Time:** 0023

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.75	310.00	12.15	620.00	7.16
10.00	24.62	320.00	11.90	630.00	7.05
20.00	24.61	330.00	11.67	640.00	6.98
30.00	24.60	340.00	11.43	650.00	6.84
40.00	24.61	350.00	11.24	660.00	6.70
50.00	24.61	360.00	11.02	670.00	6.61
60.00	24.44	370.00	10.84	680.00	6.54
70.00	24.52	380.00	10.58	690.00	6.41
80.00	23.88	390.00	10.35	700.00	6.33
90.00	21.65	400.00	10.23	710.00	6.18
100.00	20.89	410.00	10.09	720.00	6.10
110.00	20.20	420.00	9.93	730.00	6.05
120.00	19.63	430.00	9.56	740.00	5.98
130.00	18.74	440.00	9.41	750.00	5.86
140.00	18.07	450.00	9.19	760.00	5.71
150.00	17.52	460.00	9.06	770.00	5.48
160.00	17.02	470.00	8.88	780.00	5.31
170.00	16.54	480.00	8.74	790.00	5.23
180.00	16.26	490.00	8.56	800.00	5.21
190.00	15.84	500.00	8.45	810.00	5.17
200.00	15.36	510.00	8.31	820.00	5.15
210.00	15.04	520.00	8.16	830.00	5.12
220.00	14.69	530.00	8.02	840.00	5.08
230.00	14.36	540.00	7.93	850.00	5.05
240.00	14.04	550.00	7.70	860.00	5.01
250.00	13.82	560.00	7.62	870.00	5.00
260.00	13.61	570.00	7.58		
270.00	13.29	580.00	7.52		
280.00	13.01	590.00	7.43		
290.00	12.65	600.00	7.36		
300.00	12.37	610.00	7.26		

Cruise: GULFCET 03 **Station:** 05-051 **Probe Type:** T-20
Latitude: 26° 43.00' N **Longitude:** 93° 30.01' W **Date:** 18-Nov-1992 **Time:** 0437

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.07	310.00	12.65	620.00	7.50	930.00	5.22
10.00	25.06	320.00	12.49	630.00	7.38	940.00	5.18
20.00	25.05	330.00	12.28	640.00	7.30	950.00	5.15
30.00	25.06	340.00	12.12	650.00	7.20	960.00	5.13
40.00	25.06	350.00	11.92	660.00	7.11	970.00	5.09
50.00	25.04	360.00	11.72	670.00	6.99	980.00	5.05
60.00	25.02	370.00	11.42	680.00	6.87	990.00	5.02
70.00	25.03	380.00	11.28	690.00	6.76		
80.00	25.03	390.00	11.04	700.00	6.68		
90.00	23.20	400.00	10.81	710.00	6.58		
100.00	22.07	410.00	10.65	720.00	6.50		
110.00	21.16	420.00	10.48	730.00	6.43		
120.00	20.25	430.00	10.28	740.00	6.34		
130.00	19.94	440.00	10.10	750.00	6.23		
140.00	19.07	450.00	9.98	760.00	6.17		
150.00	18.54	460.00	9.76	770.00	6.12		
160.00	17.82	470.00	9.60	780.00	6.02		
170.00	17.33	480.00	9.41	790.00	5.97		
180.00	16.83	490.00	9.32	800.00	5.93		
190.00	16.46	500.00	9.17	810.00	5.89		
200.00	16.02	510.00	9.03	820.00	5.82		
210.00	15.72	520.00	8.93	830.00	5.77		
220.00	15.38	530.00	8.82	840.00	5.72		
230.00	15.10	540.00	8.57	850.00	5.66		
240.00	14.56	550.00	8.43	860.00	5.61		
250.00	14.31	560.00	8.34	870.00	5.56		
260.00	14.05	570.00	8.12	880.00	5.48		
270.00	13.79	580.00	8.07	890.00	5.43		
280.00	13.43	590.00	7.95	900.00	5.40		
290.00	13.29	600.00	7.76	910.00	5.32		
300.00	12.95	610.00	7.64	920.00	5.27		

Cruise: GULFCET 03 **Station:** 06-056 **Probe Type:** T-20
Latitude: 26° 52.28' N **Longitude:** 92° 50.00' W **Date:** 16-Nov-1992 **Time:** 2336

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.46	310.00	12.64	620.00	7.32	930.00	5.04
10.00	24.43	320.00	12.29	630.00	7.19	940.00	5.01
20.00	24.45	330.00	12.06	640.00	7.15	950.00	4.98
30.00	24.44	340.00	11.94	650.00	7.04	960.00	4.96
40.00	24.45	350.00	11.76	660.00	6.89	970.00	4.91
50.00	24.44	360.00	11.60	670.00	6.80	980.00	4.86
60.00	24.46	370.00	11.49	680.00	6.69	990.00	4.83
70.00	24.45	380.00	11.33	690.00	6.61		
80.00	23.47	390.00	11.04	700.00	6.53		
90.00	22.29	400.00	10.69	710.00	6.44		
100.00	21.18	410.00	10.42	720.00	6.35		
110.00	20.59	420.00	10.31	730.00	6.22		
120.00	19.89	430.00	10.10	740.00	6.14		
130.00	19.75	440.00	9.96	750.00	6.06		
140.00	18.74	450.00	9.78	760.00	6.00		
150.00	18.29	460.00	9.53	770.00	5.92		
160.00	17.67	470.00	9.34	780.00	5.86		
170.00	17.35	480.00	9.20	790.00	5.77		
180.00	16.98	490.00	9.07	800.00	5.71		
190.00	16.41	500.00	8.92	810.00	5.65		
200.00	15.98	510.00	8.79	820.00	5.58		
210.00	15.71	520.00	8.65	830.00	5.53		
220.00	15.37	530.00	8.41	840.00	5.45		
230.00	15.02	540.00	8.27	850.00	5.37		
240.00	14.66	550.00	8.10	860.00	5.33		
250.00	14.41	560.00	7.95	870.00	5.29		
260.00	14.10	570.00	7.83	880.00	5.24		
270.00	13.85	580.00	7.73	890.00	5.20		
280.00	13.49	590.00	7.64	900.00	5.17		
290.00	13.26	600.00	7.54	910.00	5.13		
300.00	12.89	610.00	7.41	920.00	5.09		

Cruise: GULFCET 03 **Station:** 06-058 **Probe Type:** T-20
Latitude: 27° 18.98' N **Longitude:** 92° 50.03' W **Date:** 17-Nov-1992 **Time:** 0353

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.87	310.00	12.62	620.00	6.90	930.00	5.17
10.00	24.83	320.00	12.41	630.00	6.84	940.00	5.14
20.00	24.81	330.00	12.06	640.00	6.74	950.00	5.11
30.00	24.79	340.00	11.82	650.00	6.61	960.00	5.10
40.00	24.79	350.00	11.61	660.00	6.55	970.00	5.03
50.00	24.79	360.00	11.40	670.00	6.45	980.00	4.99
60.00	24.79	370.00	11.18	680.00	6.36	990.00	4.96
70.00	24.72	380.00	11.04	690.00	6.28		
80.00	22.99	390.00	10.83	700.00	6.18		
90.00	22.33	400.00	10.62	710.00	6.13		
100.00	21.52	410.00	10.39	720.00	6.07		
110.00	20.70	420.00	10.14	730.00	6.07		
120.00	20.14	430.00	9.90	740.00	6.01		
130.00	19.45	440.00	9.69	750.00	5.91		
140.00	19.10	450.00	9.56	760.00	5.84		
150.00	18.60	460.00	9.32	770.00	5.83		
160.00	17.90	470.00	9.16	780.00	5.69		
170.00	17.52	480.00	9.03	790.00	5.61		
180.00	16.97	490.00	8.79	800.00	5.56		
190.00	16.52	500.00	8.73	810.00	5.49		
200.00	16.13	510.00	8.53	820.00	5.46		
210.00	15.72	520.00	8.34	830.00	5.44		
220.00	15.39	530.00	8.25	840.00	5.42		
230.00	14.94	540.00	8.00	850.00	5.38		
240.00	14.68	550.00	7.84	860.00	5.33		
250.00	14.39	560.00	7.67	870.00	5.31		
260.00	14.08	570.00	7.58	880.00	5.29		
270.00	13.85	580.00	7.42	890.00	5.23		
280.00	13.57	590.00	7.28	900.00	5.23		
290.00	13.31	600.00	7.11	910.00	5.22		
300.00	13.03	610.00	6.99	920.00	5.20		

Cruise: GULFCET 03 **Station:** 06-059 **Probe Type:** T-7
Latitude: 27° 26.14' N **Longitude:** 92° 49.97' W **Date:** 17-Nov-1992 **Time:** 0457

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.85	310.00	12.21	620.00	6.72
10.00	24.85	320.00	12.03	630.00	6.56
20.00	24.86	330.00	11.75	640.00	6.46
30.00	24.87	340.00	11.53	650.00	6.36
40.00	24.87	350.00	11.28	660.00	6.23
50.00	24.87	360.00	10.91	670.00	6.14
60.00	24.86	370.00	10.75	680.00	6.07
70.00	24.85	380.00	10.58	690.00	6.02
80.00	23.02	390.00	10.36	700.00	5.90
90.00	22.21	400.00	10.19	710.00	5.84
100.00	21.15	410.00	10.01	720.00	5.73
110.00	20.33	420.00	9.76	730.00	5.67
120.00	19.55	430.00	9.45	740.00	5.63
130.00	18.96	440.00	9.30	750.00	5.59
140.00	18.67	450.00	9.09	760.00	5.53
150.00	17.96	460.00	8.96	770.00	5.52
160.00	17.48	470.00	8.75	780.00	5.45
170.00	17.08	480.00	8.59	790.00	5.42
180.00	16.57	490.00	8.41	800.00	5.41
190.00	16.09	500.00	8.24	810.00	5.37
200.00	15.66	510.00	8.10		
210.00	15.35	520.00	7.95		
220.00	15.07	530.00	7.81		
230.00	14.64	540.00	7.66		
240.00	14.35	550.00	7.52		
250.00	14.10	560.00	7.39		
260.00	13.69	570.00	7.33		
270.00	13.30	580.00	7.23		
280.00	12.98	590.00	7.15		
290.00	12.69	600.00	6.93		
300.00	12.48	610.00	6.88		

Cruise: GULFCET 03 **Station:** 06-060 **Probe Type:** T-7
Latitude: 27° 34.66' N **Longitude:** 92° 49.84' W **Date:** 17-Nov-1992 **Time:** 0614

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.74	310.00	12.09	620.00	6.38
10.00	24.72	320.00	11.76	630.00	6.34
20.00	24.73	330.00	11.33	640.00	6.28
30.00	24.73	340.00	10.90	650.00	6.23
40.00	24.74	350.00	10.75	660.00	6.15
50.00	24.73	360.00	10.51		
60.00	24.74	370.00	10.25		
70.00	23.84	380.00	9.98		
80.00	22.41	390.00	9.77		
90.00	21.73	400.00	9.60		
100.00	20.95	410.00	9.39		
110.00	20.62	420.00	9.25		
120.00	20.20	430.00	8.83		
130.00	19.33	440.00	8.69		
140.00	18.42	450.00	8.52		
150.00	17.90	460.00	8.36		
160.00	17.47	470.00	8.21		
170.00	16.86	480.00	7.98		
180.00	16.35	490.00	7.81		
190.00	15.99	500.00	7.57		
200.00	15.65	510.00	7.40		
210.00	15.17	520.00	7.33		
220.00	14.80	530.00	7.14		
230.00	14.36	540.00	7.10		
240.00	14.21	550.00	6.97		
250.00	13.98	560.00	6.87		
260.00	13.65	570.00	6.80		
270.00	13.44	580.00	6.72		
280.00	13.07	590.00	6.63		
290.00	12.83	600.00	6.55		
300.00	12.61	610.00	6.46		

Cruise: GULFCET 03 **Station:** 06-061 **Probe Type:** T-7
Latitude: 27° 41.20' N **Longitude:** 92° 50.13' W **Date:** 17-Nov-1992 **Time:** 0715

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.50	310.00	10.59
10.00	24.48	320.00	10.29
20.00	24.50	330.00	9.39
30.00	24.51		
40.00	24.51		
50.00	24.51		
60.00	24.51		
70.00	23.24		
80.00	22.18		
90.00	21.58		
100.00	21.15		
110.00	20.56		
120.00	20.22		
130.00	19.67		
140.00	18.91		
150.00	18.17		
160.00	17.73		
170.00	17.08		
180.00	16.47		
190.00	16.01		
200.00	15.72		
210.00	15.21		
220.00	14.54		
230.00	13.96		
240.00	13.02		
250.00	12.84		
260.00	12.43		
270.00	11.54		
280.00	11.16		
290.00	10.83		
300.00	10.61		

Cruise: GULFCET 03 **Station:** 06-062 **Probe Type:** T-7
Latitude: 27° 42.98' N **Longitude:** 92° 50.03' W **Date:** 17-Nov-1992 **Time:** 0730

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.61	310.00	10.55
10.00	24.55	320.00	10.27
20.00	24.55	330.00	10.11
30.00	24.58		
40.00	24.61		
50.00	24.61		
60.00	24.63		
70.00	23.68		
80.00	22.52		
90.00	21.92		
100.00	21.18		
110.00	20.86		
120.00	20.32		
130.00	19.65		
140.00	18.97		
150.00	18.26		
160.00	17.79		
170.00	17.24		
180.00	16.86		
190.00	16.31		
200.00	15.78		
210.00	15.29		
220.00	14.62		
230.00	13.68		
240.00	12.85		
250.00	12.31		
260.00	11.97		
270.00	11.61		
280.00	11.40		
290.00	11.32		
300.00	11.00		

Cruise: GULFCET 03 **Station:** 06-063 **Probe Type:** T-10
Latitude: 27° 54.51' N **Longitude:** 92° 50.03' W **Date:** 17-Nov-1992 **Time:** 0916

Depth (m)	Temp. (°C)
0.00	23.73
10.00	23.72
20.00	23.74
30.00	23.74
40.00	23.74
50.00	23.75
60.00	23.75
70.00	23.52
80.00	21.88
90.00	20.77
100.00	20.53
110.00	19.85
120.00	19.44
130.00	18.82
140.00	18.23
150.00	17.67
160.00	17.35
170.00	16.69
180.00	15.93

Cruise: GULFCET 03 **Station:** 07-066 **Probe Type:** T-10
Latitude: 27° 52.95' N **Longitude:** 92° 09.92' W **Date:** 15-Nov-1992 **Time:** 1936

Depth (m)	Temp. (°C)
0.00	24.04
10.00	23.87
20.00	23.87
30.00	23.87
40.00	23.88
50.00	23.88
60.00	23.89
70.00	23.87
80.00	22.89
90.00	21.89
100.00	20.60
110.00	19.99
120.00	19.35
130.00	18.66
140.00	18.20
150.00	17.79
160.00	17.36
170.00	17.23
180.00	16.69
190.00	15.24
200.00	14.36
210.00	13.83

Cruise: GULFCET 03 **Station:** 07-067 **Probe Type:** T-10
Latitude: 27° 52.00' N **Longitude:** 92° 10.00' W **Date:** 15-Nov-1992 **Time:** 1943

Depth (m)	Temp. (°C)
0.00	24.21
10.00	23.89
20.00	23.92
30.00	23.92
40.00	23.92
50.00	23.91
60.00	23.92
70.00	23.91
80.00	22.40
90.00	21.29
100.00	20.54
110.00	19.84
120.00	19.27
130.00	18.43
140.00	17.79
150.00	17.34
160.00	16.92
170.00	16.75
180.00	15.79
190.00	15.12
200.00	14.39
210.00	13.43

Cruise: GULFCET 03 **Station:** 07-068 **Probe Type:** T-7
Latitude: 27° 44.99' N **Longitude:** 92° 09.98' W **Date:** 15-Nov-1992 **Time:** 2044

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.61	310.00	10.40
10.00	24.45	320.00	10.09
20.00	24.45	330.00	9.89
30.00	24.45	340.00	9.79
40.00	24.45	350.00	9.64
50.00	24.45	360.00	9.57
60.00	24.46	370.00	9.38
70.00	24.46	380.00	9.16
80.00	24.42		
90.00	21.92		
100.00	21.03		
110.00	20.00		
120.00	19.36		
130.00	18.69		
140.00	18.01		
150.00	17.52		
160.00	16.84		
170.00	16.51		
180.00	16.14		
190.00	15.53		
200.00	15.15		
210.00	14.82		
220.00	14.46		
230.00	14.29		
240.00	13.84		
250.00	13.59		
260.00	13.01		
270.00	12.52		
280.00	12.23		
290.00	11.83		
300.00	10.82		

Cruise: GULFCET 03 **Station:** 07-069 **Probe Type:** T-7
Latitude: 27° 37.03' N **Longitude:** 92° 10.02' W **Date:** 15-Nov-1992 **Time:** 2154

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.66	310.00	11.82	620.00	6.45
10.00	24.64	320.00	11.48	630.00	6.39
20.00	24.65	330.00	11.27	640.00	6.34
30.00	24.65	340.00	10.96	650.00	6.28
40.00	24.65	350.00	10.75	660.00	6.24
50.00	24.64	360.00	10.42	670.00	6.11
60.00	24.64	370.00	10.24	680.00	6.04
70.00	24.62	380.00	10.04	690.00	5.99
80.00	24.49	390.00	9.81	700.00	5.92
90.00	22.26	400.00	9.56	710.00	5.86
100.00	21.57	410.00	9.38		
110.00	20.71	420.00	9.28		
120.00	20.14	430.00	9.14		
130.00	19.45	440.00	8.97		
140.00	18.77	450.00	8.74		
150.00	18.31	460.00	8.54		
160.00	17.44	470.00	8.24		
170.00	16.68	480.00	8.14		
180.00	16.17	490.00	8.01		
190.00	15.86	500.00	7.90		
200.00	15.41	510.00	7.76		
210.00	15.16	520.00	7.57		
220.00	14.77	530.00	7.34		
230.00	14.37	540.00	7.22		
240.00	14.21	550.00	7.17		
250.00	14.14	560.00	7.04		
260.00	13.67	570.00	6.80		
270.00	13.24	580.00	6.70		
280.00	12.78	590.00	6.64		
290.00	12.52	600.00	6.59		
300.00	12.13	610.00	6.49		

Cruise: GULFCET 03 **Station:** 07-070 **Probe Type:** T-20
Latitude: 27° 29.41' N **Longitude:** 92° 10.02' W **Date:** 15-Nov-1992 **Time:** 2259

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.81	310.00	11.30	620.00	6.24
10.00	24.83	320.00	10.97	630.00	6.14
20.00	24.80	330.00	10.83	640.00	6.08
30.00	24.78	340.00	10.62	650.00	5.98
40.00	24.79	350.00	10.38	660.00	5.90
50.00	24.78	360.00	10.23	670.00	5.82
60.00	24.79	370.00	10.08	680.00	5.75
70.00	24.77	380.00	9.97	690.00	5.70
80.00	23.76	390.00	9.80	700.00	5.67
90.00	22.38	400.00	9.67	710.00	5.63
100.00	21.82	410.00	9.41	720.00	5.59
110.00	21.02	420.00	9.21	730.00	5.54
120.00	20.20	430.00	9.05	740.00	5.48
130.00	19.82	440.00	8.84	750.00	5.41
140.00	19.27	450.00	8.69	760.00	5.39
150.00	18.52	460.00	8.49	770.00	5.38
160.00	18.07	470.00	8.30		
170.00	17.39	480.00	8.16		
180.00	16.99	490.00	8.03		
190.00	16.59	500.00	7.93		
200.00	16.24	510.00	7.84		
210.00	15.84	520.00	7.76		
220.00	15.58	530.00	7.73		
230.00	14.95	540.00	7.61		
240.00	14.66	550.00	7.37		
250.00	14.31	560.00	7.23		
260.00	13.52	570.00	7.06		
270.00	12.91	580.00	6.84		
280.00	12.31	590.00	6.65		
290.00	11.89	600.00	6.47		
300.00	11.54	610.00	6.36		

Cruise: GULFCET 03 **Station:** 07-072 **Probe Type:** T-20
Latitude: 27° 10.01' N **Longitude:** 92° 10.00' W **Date:** 16-Nov-1992 **Time:** 0226

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.90	310.00	12.38	620.00	6.97	930.00	5.15
10.00	24.87	320.00	12.07	630.00	6.88	940.00	5.09
20.00	24.86	330.00	11.84	640.00	6.73	950.00	5.05
30.00	24.85	340.00	11.50	650.00	6.63	960.00	5.02
40.00	24.85	350.00	11.31	660.00	6.54	970.00	4.99
50.00	24.84	360.00	11.10	670.00	6.45	980.00	4.94
60.00	24.83	370.00	10.87	680.00	6.39	990.00	4.91
70.00	24.81	380.00	10.62	690.00	6.35		
80.00	23.01	390.00	10.42	700.00	6.29		
90.00	22.33	400.00	10.30	710.00	6.24		
100.00	22.05	410.00	10.13	720.00	6.16		
110.00	21.27	420.00	9.95	730.00	6.08		
120.00	20.58	430.00	9.78	740.00	6.04		
130.00	19.76	440.00	9.60	750.00	5.97		
140.00	19.05	450.00	9.52	760.00	5.93		
150.00	18.43	460.00	9.47	770.00	5.86		
160.00	17.80	470.00	9.31	780.00	5.80		
170.00	17.45	480.00	9.12	790.00	5.75		
180.00	17.04	490.00	8.83	800.00	5.68		
190.00	16.56	500.00	8.51	810.00	5.67		
200.00	16.13	510.00	8.31	820.00	5.60		
210.00	15.74	520.00	8.21	830.00	5.57		
220.00	15.39	530.00	8.06	840.00	5.50		
230.00	15.04	540.00	7.91	850.00	5.46		
240.00	14.69	550.00	7.64	860.00	5.44		
250.00	14.32	560.00	7.62	870.00	5.38		
260.00	13.93	570.00	7.47	880.00	5.36		
270.00	13.55	580.00	7.27	890.00	5.31		
280.00	13.23	590.00	7.17	900.00	5.28		
290.00	12.90	600.00	7.12	910.00	5.23		
300.00	12.63	610.00	7.06	920.00	5.19		

Cruise: GULFCET 03 **Station:** 08-079 **Probe Type:** T-20
Latitude: 27° 22.99' N **Longitude:** 91° 29.97' W **Date:** 15-Nov-1992 **Time:** 0451

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.96	310.00	11.15	620.00	6.73	930.00	5.01
10.00	23.96	320.00	10.97	630.00	6.62	940.00	4.98
20.00	24.16	330.00	10.80	640.00	6.53	950.00	4.93
30.00	24.45	340.00	10.62	650.00	6.45	960.00	4.91
40.00	24.55	350.00	10.45	660.00	6.37	970.00	4.91
50.00	24.58	360.00	10.29	670.00	6.25	980.00	4.88
60.00	24.60	370.00	10.15	680.00	6.18	990.00	4.86
70.00	22.22	380.00	10.01	690.00	6.15		
80.00	21.29	390.00	9.86	700.00	6.11		
90.00	20.69	400.00	9.53	710.00	6.07		
100.00	19.75	410.00	9.44	720.00	5.99		
110.00	19.36	420.00	9.29	730.00	5.92		
120.00	18.72	430.00	9.01	740.00	5.85		
130.00	18.21	440.00	9.02	750.00	5.75		
140.00	17.60	450.00	8.83	760.00	5.64		
150.00	17.03	460.00	8.61	770.00	5.63		
160.00	16.72	470.00	8.43	780.00	5.61		
170.00	16.18	480.00	8.31	790.00	5.57		
180.00	15.88	490.00	8.22	800.00	5.56		
190.00	15.63	500.00	8.06	810.00	5.53		
200.00	14.94	510.00	7.99	820.00	5.52		
210.00	14.39	520.00	7.87	830.00	5.43		
220.00	13.81	530.00	7.71	840.00	5.41		
230.00	13.23	540.00	7.58	850.00	5.38		
240.00	12.70	550.00	7.55	860.00	5.33		
250.00	12.31	560.00	7.43	870.00	5.31		
260.00	12.04	570.00	7.32	880.00	5.24		
270.00	11.82	580.00	7.14	890.00	5.16		
280.00	11.58	590.00	7.03	900.00	5.12		
290.00	11.51	600.00	6.93	910.00	5.07		
300.00	11.42	610.00	6.82	920.00	5.02		

Cruise: GULFCET 03 **Station:** 08-081 **Probe Type:** T-20
Latitude: 27° 32.99' N **Longitude:** 91° 30.03' W **Date:** 15-Nov-1992 **Time:** 0805

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.66	310.00	11.45	620.00	6.69	930.00	5.07
10.00	24.66	320.00	11.21	630.00	6.56		
20.00	24.65	330.00	10.98	640.00	6.49		
30.00	24.65	340.00	10.80	650.00	6.40		
40.00	24.64	350.00	10.57	660.00	6.32		
50.00	24.64	360.00	10.40	670.00	6.23		
60.00	24.63	370.00	10.21	680.00	6.15		
70.00	24.60	380.00	9.91	690.00	6.11		
80.00	21.87	390.00	9.65	700.00	6.05		
90.00	20.82	400.00	9.46	710.00	6.03		
100.00	19.91	410.00	9.23	720.00	5.92		
110.00	19.32	420.00	9.06	730.00	5.89		
120.00	18.69	430.00	8.93	740.00	5.79		
130.00	18.10	440.00	8.75	750.00	5.71		
140.00	17.61	450.00	8.66	760.00	5.60		
150.00	17.03	460.00	8.54	770.00	5.57		
160.00	16.66	470.00	8.34	780.00	5.54		
170.00	16.15	480.00	8.26	790.00	5.42		
180.00	15.63	490.00	8.16	800.00	5.42		
190.00	15.14	500.00	7.93	810.00	5.39		
200.00	14.71	510.00	7.84	820.00	5.37		
210.00	14.41	520.00	7.78	830.00	5.36		
220.00	14.16	530.00	7.57	840.00	5.33		
230.00	13.82	540.00	7.36	850.00	5.31		
240.00	13.55	550.00	7.27	860.00	5.31		
250.00	13.18	560.00	7.20	870.00	5.27		
260.00	12.84	570.00	7.10	880.00	5.21		
270.00	12.57	580.00	7.03	890.00	5.21		
280.00	12.18	590.00	6.98	900.00	5.21		
290.00	11.86	600.00	6.88	910.00	5.21		
300.00	11.60	610.00	6.75	920.00	5.16		

Cruise: GULFCET 03 **Station:** 08-082 **Probe Type:** T-7
Latitude: 27° 45.54' N **Longitude:** 91° 29.90' W **Date:** 15-Nov-1992 **Time:** 0956

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.96	310.00	10.99	620.00	6.46
10.00	23.86	320.00	10.75	630.00	6.43
20.00	23.85	330.00	10.46	640.00	6.30
30.00	23.85	340.00	10.15	650.00	6.24
40.00	23.83	350.00	10.04	660.00	6.17
50.00	23.82	360.00	9.89	670.00	6.13
60.00	22.87	370.00	9.59	680.00	6.10
70.00	21.76	380.00	9.24	690.00	6.08
80.00	20.83	390.00	9.07	700.00	6.02
90.00	19.99	400.00	8.88	710.00	5.99
100.00	19.22	410.00	8.65	720.00	5.89
110.00	18.84	420.00	8.48		
120.00	18.53	430.00	8.34		
130.00	18.03	440.00	8.25		
140.00	17.63	450.00	8.18		
150.00	17.15	460.00	7.94		
160.00	16.71	470.00	7.82		
170.00	16.16	480.00	7.65		
180.00	15.57	490.00	7.54		
190.00	15.11	500.00	7.40		
200.00	14.46	510.00	7.35		
210.00	14.09	520.00	7.27		
220.00	13.56	530.00	7.21		
230.00	13.11	540.00	7.08		
240.00	12.75	550.00	6.94		
250.00	12.33	560.00	6.91		
260.00	12.10	570.00	6.83		
270.00	11.79	580.00	6.71		
280.00	11.73	590.00	6.65		
290.00	11.49	600.00	6.57		
300.00	11.14	610.00	6.45		

Cruise: GULFCET 03 **Station:** 08-083 **Probe Type:** T-7
Latitude: 27° 49.56' N **Longitude:** 91° 30.09' W **Date:** 15-Nov-1992 **Time:** 1034

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.14	310.00	10.18
10.00	23.90	320.00	10.07
20.00	23.90	330.00	9.95
30.00	23.89	340.00	9.63
40.00	23.90	350.00	9.38
50.00	23.89		
60.00	23.02		
70.00	22.22		
80.00	21.37		
90.00	20.43		
100.00	19.65		
110.00	19.08		
120.00	18.29		
130.00	17.97		
140.00	17.67		
150.00	17.38		
160.00	16.54		
170.00	16.25		
180.00	16.14		
190.00	15.92		
200.00	15.46		
210.00	14.50		
220.00	13.39		
230.00	12.57		
240.00	11.87		
250.00	11.55		
260.00	11.49		
270.00	11.14		
280.00	10.99		
290.00	10.73		
300.00	10.32		

Cruise: GULFCET 03 **Station:** 08-084 **Probe Type:** T-7
Latitude: 27° 52.00' N **Longitude:** 91° 30.02' W **Date:** 15-Nov-1992 **Time:** 1053

Depth (m)	Temp. (°C)
0.00	23.84
10.00	23.78
20.00	23.78
30.00	23.78
40.00	23.81
50.00	23.88
60.00	23.39
70.00	22.12
80.00	21.02
90.00	20.26
100.00	19.54
110.00	18.92
120.00	18.42
130.00	17.88
140.00	17.60
150.00	16.91
160.00	16.21
170.00	15.80
180.00	15.17
190.00	14.32
200.00	14.01
210.00	13.41
220.00	12.78
230.00	12.63
240.00	12.46

Cruise: GULFCET 03 **Station:** 08-085 **Probe Type:** T-10
Latitude: 27° 52.95' N **Longitude:** 91° 29.97' W **Date:** 15-Nov-1992 **Time:** 1103

Depth (m)	Temp. (°C)
0.00	23.97
10.00	23.70
20.00	23.69
30.00	23.71
40.00	23.70
50.00	24.10
60.00	23.86
70.00	22.41
80.00	21.56
90.00	20.92
100.00	19.76
110.00	19.17
120.00	18.83
130.00	18.40
140.00	18.12
150.00	17.28
160.00	16.82
170.00	16.25
180.00	15.42
190.00	15.06
200.00	14.18
210.00	13.57

Cruise: GULFCET 03 **Station:** 09-087 **Probe Type:** T-10
Latitude: 28° 8.80' N **Longitude:** 90° 50.00' W **Date:** 14-Nov-1992 **Time:** 0007

Depth (m)	Temp. (°C)
0.00	23.21
10.00	23.14
20.00	23.14
30.00	23.13
40.00	23.13
50.00	23.53
60.00	22.66
70.00	21.70
80.00	21.20
90.00	20.89
100.00	20.86
110.00	20.58

Cruise: GULFCET 03 **Station:** 09-088 **Probe Type:** T-10
Latitude: 28° 02.46' N **Longitude:** 90° 49.96' W **Date:** 14-Nov-1992 **Time:** 0125

Depth (m)	Temp. (°C)
0.00	23.25
10.00	23.27
20.00	23.26
30.00	23.26
40.00	23.29
50.00	23.38
60.00	23.77
70.00	22.43
80.00	20.73
90.00	20.55
100.00	20.41
110.00	20.27
120.00	20.08
130.00	19.66
140.00	18.95
150.00	17.94
160.00	16.84
170.00	16.55
180.00	16.15
190.00	15.77
200.00	15.43
210.00	15.17

Cruise: GULFCET 03 **Station:** 09-089 **Probe Type:** T-7
Latitude: 27° 59.79' N **Longitude:** 90° 49.99' W **Date:** 14-Nov-1992 **Time:** 0152

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.25	310.00	10.72
10.00	23.21	320.00	10.45
20.00	23.23	330.00	10.30
30.00	23.23	340.00	10.12
40.00	23.26	350.00	10.05
50.00	24.11		
60.00	23.11		
70.00	20.92		
80.00	20.64		
90.00	20.53		
100.00	20.30		
110.00	19.87		
120.00	19.41		
130.00	18.79		
140.00	17.90		
150.00	17.50		
160.00	16.85		
170.00	16.53		
180.00	16.28		
190.00	15.78		
200.00	15.40		
210.00	15.06		
220.00	14.56		
230.00	13.70		
240.00	13.08		
250.00	12.60		
260.00	12.11		
270.00	11.73		
280.00	11.56		
290.00	11.17		
300.00	10.90		

Cruise: GULFCET 03 **Station:** 09-090 **Probe Type:** T-7
Latitude: 27° 51.98' N **Longitude:** 90° 49.45' W **Date:** 14-Nov-1992 **Time:** 0259

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.34	310.00	10.82
10.00	23.33	320.00	10.54
20.00	23.41	330.00	10.23
30.00	24.00	340.00	10.10
40.00	24.21	350.00	9.86
50.00	24.24	360.00	9.49
60.00	23.52	370.00	9.33
70.00	22.09	380.00	9.11
80.00	20.99	390.00	8.93
90.00	20.34	400.00	8.82
100.00	19.90	410.00	8.73
110.00	18.77		
120.00	18.49		
130.00	17.91		
140.00	16.94		
150.00	16.49		
160.00	15.88		
170.00	15.58		
180.00	15.22		
190.00	14.96		
200.00	14.76		
210.00	14.13		
220.00	13.74		
230.00	13.29		
240.00	12.94		
250.00	12.65		
260.00	12.08		
270.00	11.79		
280.00	11.55		
290.00	11.28		
300.00	11.05		

Cruise: GULFCET 03 **Station:** 09-091 **Probe Type:** T-7
Latitude: 27° 45.96' N **Longitude:** 90° 49.95' W **Date:** 14-Nov-1992 **Time:** 0358

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.53	310.00	11.34	620.00	6.42
10.00	23.57	320.00	11.09	630.00	6.32
20.00	23.59	330.00	10.80	640.00	6.28
30.00	23.59	340.00	10.54	650.00	6.26
40.00	23.63	350.00	10.24	660.00	6.23
50.00	23.64	360.00	10.05	670.00	6.19
60.00	22.09	370.00	9.85		
70.00	21.14	380.00	9.67		
80.00	20.22	390.00	9.46		
90.00	19.32	400.00	9.22		
100.00	18.89	410.00	9.05		
110.00	18.05	420.00	8.84		
120.00	17.50	430.00	8.60		
130.00	17.05	440.00	8.46		
140.00	16.78	450.00	8.34		
150.00	16.33	460.00	8.16		
160.00	15.76	470.00	7.97		
170.00	15.49	480.00	7.76		
180.00	15.10	490.00	7.66		
190.00	14.85	500.00	7.57		
200.00	14.46	510.00	7.38		
210.00	14.22	520.00	7.27		
220.00	14.05	530.00	7.16		
230.00	13.85	540.00	7.06		
240.00	13.24	550.00	7.00		
250.00	12.79	560.00	6.92		
260.00	12.58	570.00	6.88		
270.00	12.48	580.00	6.81		
280.00	12.18	590.00	6.71		
290.00	11.89	600.00	6.59		
300.00	11.56	610.00	6.53		

Cruise: GULFCET 03 **Station:** 09-092 **Probe Type:** T-7
Latitude: 27° 39.51' N **Longitude:** 90° 50.07' W **Date:** 14-Nov-1992 **Time:** 0458

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.91	310.00	11.28	620.00	6.46
10.00	23.68	320.00	11.06	630.00	6.39
20.00	23.70	330.00	10.76	640.00	6.27
30.00	23.69	340.00	10.52	650.00	6.19
40.00	23.77	350.00	10.21	660.00	6.14
50.00	23.23	360.00	9.99	670.00	6.07
60.00	21.26	370.00	9.78	680.00	6.03
70.00	20.07	380.00	9.48	690.00	5.93
80.00	19.58	390.00	9.30	700.00	5.88
90.00	19.11	400.00	9.15	710.00	5.85
100.00	18.68	410.00	8.99	720.00	5.80
110.00	18.24	420.00	8.90	730.00	5.75
120.00	17.84	430.00	8.79	740.00	5.67
130.00	17.45	440.00	8.58	750.00	5.59
140.00	16.93	450.00	8.38	760.00	5.53
150.00	16.55	460.00	8.21	770.00	5.47
160.00	16.10	470.00	8.02	780.00	5.44
170.00	15.84	480.00	7.93		
180.00	15.54	490.00	7.85		
190.00	14.91	500.00	7.77		
200.00	14.58	510.00	7.71		
210.00	14.22	520.00	7.55		
220.00	13.87	530.00	7.47		
230.00	13.61	540.00	7.32		
240.00	13.44	550.00	7.13		
250.00	13.20	560.00	7.01		
260.00	12.71	570.00	6.95		
270.00	12.36	580.00	6.89		
280.00	12.18	590.00	6.81		
290.00	11.83	600.00	6.71		
300.00	11.60	610.00	6.58		

Cruise: GULFCET 03 **Station:** 09-094 **Probe Type:** T-20
Latitude: 27° 16.03' N **Longitude:** 90° 50.05' W **Date:** 14-Nov-1992 **Time:** 1016

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.79	310.00	11.02	620.00	6.51	930.00	4.91
10.00	23.65	320.00	10.90	630.00	6.50	940.00	4.90
20.00	23.63	330.00	10.71	640.00	6.44	950.00	4.89
30.00	23.63	340.00	10.50	650.00	6.37	960.00	4.85
40.00	23.63	350.00	10.20	660.00	6.29	970.00	4.84
50.00	23.61	360.00	9.94	670.00	6.25	980.00	4.84
60.00	21.77	370.00	9.78	680.00	6.16	990.00	4.81
70.00	20.83	380.00	9.60	690.00	6.08		
80.00	19.82	390.00	9.48	700.00	6.02		
90.00	19.20	400.00	9.31	710.00	6.00		
100.00	18.43	410.00	9.13	720.00	5.84		
110.00	18.04	420.00	8.91	730.00	5.78		
120.00	17.44	430.00	8.75	740.00	5.72		
130.00	16.93	440.00	8.61	750.00	5.68		
140.00	16.49	450.00	8.45	760.00	5.64		
150.00	16.08	460.00	8.36	770.00	5.59		
160.00	15.81	470.00	8.32	780.00	5.59		
170.00	15.42	480.00	8.12	790.00	5.55		
180.00	15.05	490.00	7.98	800.00	5.51		
190.00	14.70	500.00	7.78	810.00	5.45		
200.00	14.51	510.00	7.74	820.00	5.39		
210.00	14.03	520.00	7.65	830.00	5.36		
220.00	13.66	530.00	7.59	840.00	5.31		
230.00	13.16	540.00	7.47	850.00	5.26		
240.00	12.91	550.00	7.29	860.00	5.17		
250.00	12.58	560.00	7.18	870.00	5.12		
260.00	12.27	570.00	7.06	880.00	5.09		
270.00	12.00	580.00	6.88	890.00	5.05		
280.00	11.75	590.00	6.78	900.00	5.03		
290.00	11.60	600.00	6.72	910.00	5.02		
300.00	11.33	610.00	6.60	920.00	4.94		

Cruise: GULFCET 03 **Station:** 11-107 **Probe Type:** T-10
Latitude: 28° 36.09' N **Longitude:** 89° 29.99' W **Date:** 12-Nov-1992 **Time:** 0639

Depth (m)	Temp. (°C)
0.00	23.85
10.00	23.80
20.00	23.85
30.00	23.85
40.00	23.91
50.00	23.55
60.00	22.60
70.00	22.03
80.00	21.95
90.00	21.89
100.00	21.61
110.00	21.33
120.00	21.01
130.00	20.39
140.00	19.22
150.00	18.08
160.00	17.50

Cruise: GULFCET 03 **Station:** 11-108 **Probe Type:** T-7
Latitude: 28° 31.99' N **Longitude:** 89° 29.92' W **Date:** 12-Nov-1992 **Time:** 0720

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.73	310.00	10.48
10.00	23.64	320.00	9.89
20.00	23.65	330.00	9.38
30.00	23.65	340.00	9.24
40.00	23.77		
50.00	22.75		
60.00	22.30		
70.00	22.07		
80.00	21.87		
90.00	21.76		
100.00	21.29		
110.00	20.94		
120.00	20.18		
130.00	19.52		
140.00	18.60		
150.00	18.02		
160.00	17.26		
170.00	16.60		
180.00	15.99		
190.00	15.29		
200.00	14.67		
210.00	14.16		
220.00	13.65		
230.00	13.28		
240.00	13.08		
250.00	12.77		
260.00	12.26		
270.00	11.75		
280.00	11.29		
290.00	11.19		
300.00	10.84		

Cruise: GULFCET 03 **Station:** 11-109 **Probe Type:** T-7
Latitude: 28° 28.00' N **Longitude:** 89° 29.99' W **Date:** 12-Nov-1992 **Time:** 0759

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.72	310.00	11.11
10.00	24.34	320.00	10.78
20.00	24.45	330.00	10.55
30.00	24.46	340.00	10.35
40.00	24.44	350.00	10.06
50.00	23.10	360.00	9.87
60.00	22.79	370.00	9.69
70.00	22.47	380.00	9.50
80.00	21.89	390.00	9.35
90.00	21.44	400.00	9.10
100.00	20.66	410.00	8.97
110.00	19.91	420.00	8.76
120.00	19.08	430.00	8.60
130.00	18.40	440.00	8.46
140.00	17.78	450.00	8.28
150.00	17.11	460.00	8.19
160.00	16.62	470.00	7.87
170.00	16.26	480.00	7.69
180.00	15.72	490.00	7.59
190.00	15.30	500.00	7.44
200.00	14.92	510.00	7.27
210.00	14.45	520.00	7.21
220.00	14.05		
230.00	13.62		
240.00	13.21		
250.00	12.78		
260.00	12.38		
270.00	12.18		
280.00	11.85		
290.00	11.48		
300.00	11.30		

Cruise: GULFCET 03 **Station:** 11-110 **Probe Type:** T-7
Latitude: 28° 20.93' N **Longitude:** 89° 30.20' W **Date:** 12-Nov-1992 **Time:** 0909

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.48	310.00	11.14	620.00	6.72
10.00	24.44	320.00	10.91	630.00	6.67
20.00	24.46	330.00	10.68	640.00	6.57
30.00	24.52	340.00	10.33	650.00	6.46
40.00	24.62	350.00	10.15	660.00	6.40
50.00	24.60	360.00	9.94	670.00	6.21
60.00	22.43	370.00	9.73	680.00	6.09
70.00	21.16	380.00	9.61	690.00	5.98
80.00	20.29	390.00	9.40	700.00	5.84
90.00	19.78	400.00	9.20	710.00	5.75
100.00	19.06	410.00	8.99		
110.00	18.55	420.00	8.72		
120.00	18.15	430.00	8.56		
130.00	17.53	440.00	8.47		
140.00	17.09	450.00	8.29		
150.00	16.55	460.00	8.16		
160.00	15.96	470.00	8.00		
170.00	15.53	480.00	7.87		
180.00	15.15	490.00	7.81		
190.00	14.62	500.00	7.70		
200.00	14.29	510.00	7.63		
210.00	13.93	520.00	7.54		
220.00	13.55	530.00	7.42		
230.00	13.20	540.00	7.35		
240.00	12.89	550.00	7.28		
250.00	12.57	560.00	7.22		
260.00	12.35	570.00	7.04		
270.00	12.08	580.00	6.98		
280.00	11.81	590.00	6.95		
290.00	11.58	600.00	6.88		
300.00	11.39	610.00	6.82		

Cruise: GULFCET 03 **Station:** 11-111 **Probe Type:** T-20
Latitude: 28° 15.07' N **Longitude:** 89° 29.98' W **Date:** 12-Nov-1992 **Time:** 1009

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.37	310.00	11.29	620.00	6.69	930.00	5.16
10.00	24.63	320.00	11.00	630.00	6.60	940.00	5.13
20.00	24.56	330.00	10.84	640.00	6.50	950.00	5.12
30.00	24.56	340.00	10.58	650.00	6.40		
40.00	24.56	350.00	10.32	660.00	6.35		
50.00	24.46	360.00	10.14	670.00	6.31		
60.00	22.76	370.00	10.04	680.00	6.25		
70.00	21.37	380.00	9.87	690.00	6.19		
80.00	20.45	390.00	9.66	700.00	6.13		
90.00	19.68	400.00	9.45	710.00	6.07		
100.00	19.20	410.00	9.22	720.00	5.97		
110.00	18.59	420.00	9.09	730.00	5.90		
120.00	18.02	430.00	8.98	740.00	5.84		
130.00	17.50	440.00	8.92	750.00	5.79		
140.00	16.95	450.00	8.79	760.00	5.74		
150.00	16.54	460.00	8.60	770.00	5.70		
160.00	16.05	470.00	8.51	780.00	5.68		
170.00	15.58	480.00	8.31	790.00	5.58		
180.00	15.03	490.00	8.19	800.00	5.53		
190.00	14.66	500.00	8.04	810.00	5.48		
200.00	14.33	510.00	7.94	820.00	5.45		
210.00	13.94	520.00	7.84	830.00	5.40		
220.00	13.62	530.00	7.77	840.00	5.37		
230.00	13.33	540.00	7.62	850.00	5.34		
240.00	12.92	550.00	7.50	860.00	5.29		
250.00	12.61	560.00	7.41	870.00	5.27		
260.00	12.43	570.00	7.30	880.00	5.26		
270.00	12.22	580.00	7.13	890.00	5.25		
280.00	12.01	590.00	7.00	900.00	5.22		
290.00	11.79	600.00	6.88	910.00	5.20		
300.00	11.57	610.00	6.76	920.00	5.16		

Cruise: GULFCET 03 **Station:** 12-116 **Probe Type:** T-7
Latitude: 27° 26.00' N **Longitude:** 88° 50.00' W **Date:** 11-Nov-1992 **Time:** 0427

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.95	310.00	10.82	620.00	6.55
10.00	24.66	320.00	10.55	630.00	6.44
20.00	24.66	330.00	10.39	640.00	6.36
30.00	24.67	340.00	10.16	650.00	6.27
40.00	24.67	350.00	9.99	660.00	6.16
50.00	22.34	360.00	9.75	670.00	6.10
60.00	20.75	370.00	9.58	680.00	6.03
70.00	20.06	380.00	9.38	690.00	5.94
80.00	19.17	390.00	9.20	700.00	5.89
90.00	18.40	400.00	9.08	710.00	5.83
100.00	17.71	410.00	8.85	720.00	5.77
110.00	17.16	420.00	8.68	730.00	5.71
120.00	16.64	430.00	8.51	740.00	5.68
130.00	15.85	440.00	8.40	750.00	5.62
140.00	15.49	450.00	8.31	760.00	5.56
150.00	15.18	460.00	8.18	770.00	5.53
160.00	14.75	470.00	8.00	780.00	5.48
170.00	14.42	480.00	7.79	790.00	5.43
180.00	14.01	490.00	7.68	800.00	5.38
190.00	13.78	500.00	7.60	810.00	5.32
200.00	13.49	510.00	7.57	820.00	5.30
210.00	13.21	520.00	7.45		
220.00	12.94	530.00	7.37		
230.00	12.68	540.00	7.28		
240.00	12.47	550.00	7.19		
250.00	12.16	560.00	7.17		
260.00	11.90	570.00	7.04		
270.00	11.65	580.00	6.93		
280.00	11.45	590.00	6.86		
290.00	11.21	600.00	6.75		
300.00	11.05	610.00	6.64		

Cruise: GULFCET 03 **Station:** 12-118 **Probe Type:** T-20
Latitude: 28° 14.50' N **Longitude:** 88° 50.02' W **Date:** 11-Nov-1992 **Time:** 1331

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	25.07	310.00	11.53	620.00	7.01	930.00	5.22
10.00	25.03	320.00	11.39	630.00	6.89	940.00	5.20
20.00	25.01	330.00	11.19	640.00	6.78	950.00	5.18
30.00	25.00	340.00	10.97	650.00	6.71	960.00	5.18
40.00	25.00	350.00	10.82	660.00	6.67	970.00	5.14
50.00	24.92	360.00	10.71	670.00	6.61	980.00	5.09
60.00	22.69	370.00	10.48	680.00	6.51	990.00	5.06
70.00	21.52	380.00	10.31	690.00	6.44		
80.00	20.50	390.00	10.12	700.00	6.37		
90.00	19.85	400.00	9.91	710.00	6.28		
100.00	19.34	410.00	9.73	720.00	6.25		
110.00	18.82	420.00	9.59	730.00	6.15		
120.00	18.37	430.00	9.43	740.00	6.11		
130.00	17.68	440.00	9.26	750.00	6.07		
140.00	17.10	450.00	9.10	760.00	6.04		
150.00	16.51	460.00	8.96	770.00	5.96		
160.00	16.13	470.00	8.82	780.00	5.91		
170.00	15.72	480.00	8.70	790.00	5.84		
180.00	15.23	490.00	8.56	800.00	5.79		
190.00	14.79	500.00	8.37	810.00	5.72		
200.00	14.58	510.00	8.20	820.00	5.67		
210.00	14.24	520.00	8.03	830.00	5.60		
220.00	13.83	530.00	7.90	840.00	5.60		
230.00	13.53	540.00	7.80	850.00	5.55		
240.00	13.29	550.00	7.67	860.00	5.50		
250.00	12.92	560.00	7.60	870.00	5.47		
260.00	12.78	570.00	7.51	880.00	5.41		
270.00	12.52	580.00	7.39	890.00	5.37		
280.00	12.33	590.00	7.28	900.00	5.34		
290.00	11.96	600.00	7.20	910.00	5.31		
300.00	11.66	610.00	7.10	920.00	5.27		

Cruise: GULFCET 03 **Station:** 12-120 **Probe Type:** T-20
Latitude: 28° 43.60' N **Longitude:** 88° 50.00' W **Date:** 11-Nov-1992 **Time:** 1929

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.03	310.00	11.76	620.00	6.50
10.00	23.79	320.00	11.61	630.00	6.37
20.00	23.78	330.00	11.46	640.00	6.35
30.00	23.72	340.00	11.20	650.00	6.28
40.00	23.72	350.00	10.95	660.00	6.23
50.00	22.58	360.00	10.71	670.00	6.19
60.00	21.58	370.00	10.54	680.00	6.09
70.00	21.02	380.00	10.36	690.00	6.02
80.00	20.30	390.00	10.20	700.00	5.95
90.00	19.89	400.00	10.04	710.00	5.89
100.00	19.17	410.00	9.81	720.00	5.79
110.00	18.48	420.00	9.66	730.00	5.75
120.00	17.98	430.00	9.47	740.00	5.70
130.00	17.40	440.00	9.27	750.00	5.64
140.00	17.03	450.00	9.07	760.00	5.61
150.00	16.79	460.00	8.85	770.00	5.58
160.00	16.52	470.00	8.70	780.00	5.54
170.00	16.06	480.00	8.55	790.00	5.54
180.00	15.65	490.00	8.35	800.00	5.52
190.00	15.30	500.00	8.27	810.00	5.49
200.00	15.02	510.00	8.18	820.00	5.47
210.00	14.58	520.00	7.95	830.00	5.46
220.00	14.26	530.00	7.81	840.00	5.46
230.00	13.95	540.00	7.72	850.00	5.45
240.00	13.61	550.00	7.59	860.00	5.44
250.00	13.33	560.00	7.51	870.00	5.42
260.00	13.00	570.00	7.04		
270.00	12.81	580.00	6.85		
280.00	12.50	590.00	6.70		
290.00	12.20	600.00	6.63		
300.00	11.96	610.00	6.59		

Cruise: GULFCET 03 **Station:** 12-121 **Probe Type:** T-7
Latitude: 28° 47.00' N **Longitude:** 88° 50.00' W **Date:** 11-Nov-1992 **Time:** 2004

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.85	310.00	11.80	620.00	6.21
10.00	23.80	320.00	11.54	630.00	6.21
20.00	23.80	330.00	11.34	640.00	6.17
30.00	23.80	340.00	11.08	650.00	6.16
40.00	23.81	350.00	10.95	660.00	6.15
50.00	22.75	360.00	10.76	670.00	6.16
60.00	21.77	370.00	10.54	680.00	6.15
70.00	20.78	380.00	10.26	690.00	6.13
80.00	20.36	390.00	10.03	700.00	5.99
90.00	19.42	400.00	9.81		
100.00	18.78	410.00	9.68		
110.00	18.28	420.00	9.54		
120.00	17.94	430.00	9.40		
130.00	17.42	440.00	9.14		
140.00	17.02	450.00	8.95		
150.00	16.57	460.00	8.78		
160.00	16.19	470.00	8.69		
170.00	15.86	480.00	8.58		
180.00	15.45	490.00	8.31		
190.00	15.14	500.00	8.01		
200.00	14.82	510.00	7.84		
210.00	14.50	520.00	7.80		
220.00	14.24	530.00	7.61		
230.00	14.04	540.00	7.45		
240.00	13.70	550.00	7.25		
250.00	13.46	560.00	7.02		
260.00	13.12	570.00	6.89		
270.00	12.69	580.00	6.66		
280.00	12.53	590.00	6.52		
290.00	12.24	600.00	6.44		
300.00	12.01	610.00	6.38		

Cruise: GULFCET 03 **Station:** 12-122 **Probe Type:** T-7
Latitude: 28° 53.00' N **Longitude:** 88° 50.00' W **Date:** 11-Nov-1992 **Time:** 2104

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.02	310.00	11.36
10.00	24.03	320.00	11.01
20.00	24.02	330.00	10.76
30.00	23.78	340.00	10.64
40.00	23.63	350.00	10.47
50.00	23.51	360.00	9.98
60.00	22.81	370.00	9.72
70.00	21.23	380.00	9.58
80.00	20.71	390.00	9.43
90.00	19.89	400.00	9.39
100.00	19.42	410.00	9.36
110.00	18.63	420.00	9.32
120.00	18.06		
130.00	17.60		
140.00	17.26		
150.00	16.87		
160.00	16.44		
170.00	16.04		
180.00	15.62		
190.00	15.18		
200.00	14.83		
210.00	14.56		
220.00	14.19		
230.00	13.86		
240.00	13.39		
250.00	13.12		
260.00	12.70		
270.00	12.40		
280.00	12.17		
290.00	11.91		
300.00	11.62		

Cruise: GULFCET 03 **Station:** 12-123 **Probe Type:** T-7
Latitude: 28° 55.50' N **Longitude:** 88° 50.00' W **Date:** 11-Nov-1992 **Time:** 2129

Depth (m)	Temp. (°C)
0.00	22.59
10.00	23.51
20.00	23.56
30.00	23.53
40.00	23.47
50.00	23.56
60.00	23.19
70.00	22.25
80.00	21.29
90.00	20.17
100.00	19.55
110.00	18.81
120.00	18.36
130.00	17.91
140.00	17.53
150.00	17.01
160.00	16.48
170.00	16.04
180.00	15.63
190.00	15.29
200.00	14.69
210.00	14.00
220.00	13.59
230.00	13.21
240.00	12.49
250.00	12.17
260.00	11.77
270.00	11.41
280.00	11.00
290.00	9.84

Cruise: GULFCET 03 **Station:** 12-124 **Probe Type:** T-10
Latitude: 29° 0.00' N **Longitude:** 88° 97.00' W **Date:** 11-Nov-1992 **Time:** 2216

Depth (m)	Temp. (°C)
0.00	22.04
10.00	22.39
20.00	22.85
30.00	23.37
40.00	23.44
50.00	23.43
60.00	23.44
70.00	23.19
80.00	21.90
90.00	21.50
100.00	20.99
110.00	20.62
120.00	20.17
130.00	19.55
140.00	18.51
150.00	17.40
160.00	15.94
170.00	14.73
180.00	14.32

Cruise: GULFCET 03 **Station:** 13-127 **Probe Type:** T-10
Latitude: 29° 13.00' N **Longitude:** 88° 09.99' W **Date:** 10-Nov-1992 **Time:** 1053

Depth (m)	Temp. (°C)
0.00	23.41
10.00	23.41
20.00	23.41
30.00	23.41
40.00	23.42
50.00	23.40
60.00	23.39
70.00	23.38
80.00	21.90
90.00	21.10
100.00	20.19
110.00	19.50
120.00	19.00
130.00	18.42
140.00	17.73
150.00	17.30
160.00	16.75
170.00	16.29
180.00	15.31
190.00	14.49
200.00	13.61

Cruise: GULFCET 03 **Station:** 13-128 **Probe Type:** T-7
Latitude: 29° 10.50' N **Longitude:** 88° 10.00' W **Date:** 10-Nov-1992 **Time:** 1126

Depth (m)	Temp. (°C)
0.00	23.74
10.00	23.74
20.00	23.73
30.00	23.74
40.00	23.74
50.00	23.59
60.00	23.72
70.00	22.16
80.00	21.48
90.00	20.84
100.00	19.90
110.00	18.99
120.00	18.27
130.00	17.54
140.00	17.29
150.00	16.78
160.00	16.56
170.00	16.29
180.00	15.83
190.00	15.46
200.00	15.12
210.00	14.92

Cruise: GULFCET 03 **Station:** 13-129 **Probe Type:** T-7
Latitude: 29° 08.50' N **Longitude:** 88° 10.00' W **Date:** 10-Nov-1992 **Time:** 1146

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.62	310.00	11.44
10.00	23.44	320.00	11.07
20.00	23.44	330.00	10.73
30.00	23.45	340.00	10.43
40.00	23.46	350.00	10.10
50.00	23.46	360.00	9.36
60.00	23.51	370.00	8.93
70.00	22.41	380.00	8.61
80.00	21.69	390.00	8.35
90.00	20.46	400.00	8.19
100.00	19.73	410.00	7.97
110.00	19.15	420.00	7.85
120.00	18.22	430.00	7.71
130.00	17.88	440.00	7.62
140.00	17.42	450.00	7.59
150.00	17.04	460.00	7.48
160.00	16.68	470.00	7.33
170.00	16.26	480.00	7.25
180.00	15.95	490.00	7.17
190.00	15.62	500.00	7.07
200.00	15.07	510.00	7.00
210.00	14.72		
220.00	14.25		
230.00	13.72		
240.00	13.45		
250.00	13.25		
260.00	12.77		
270.00	12.39		
280.00	12.20		
290.00	11.95		
300.00	11.71		

Cruise: GULFCET 03 **Station:** 13-130 **Probe Type:** T-7
Latitude: 29° 05.00' N **Longitude:** 88° 10.01' W **Date:** 10-Nov-1992 **Time:** 1219

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.44	310.00	11.46
10.00	23.44	320.00	11.32
20.00	23.44	330.00	11.13
30.00	23.44	340.00	10.93
40.00	23.44	350.00	10.66
50.00	23.45	360.00	10.43
60.00	22.33	370.00	10.21
70.00	21.13	380.00	10.09
80.00	20.46	390.00	9.91
90.00	19.83	400.00	9.78
100.00	19.05	410.00	9.52
110.00	18.62	420.00	8.96
120.00	18.13	430.00	8.72
130.00	17.66	440.00	8.39
140.00	17.45	450.00	7.99
150.00	17.06	460.00	7.79
160.00	16.59	470.00	7.52
170.00	16.25	480.00	7.47
180.00	15.93	490.00	7.42
190.00	15.53	500.00	7.32
200.00	15.10		
210.00	14.76		
220.00	14.36		
230.00	14.06		
240.00	13.53		
250.00	13.27		
260.00	12.83		
270.00	12.46		
280.00	12.21		
290.00	11.86		
300.00	11.65		

Cruise: GULFCET 03 **Station:** 13-131 **Probe Type:** T-20
Latitude: 29° 03.00' N **Longitude:** 88° 10.07' W **Date:** 10-Nov-1992 **Time:** 1234

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.64	310.00	12.40	620.00	7.47
10.00	23.49	320.00	12.07	630.00	7.36
20.00	23.45	330.00	11.89	640.00	7.20
30.00	23.43	340.00	11.69	650.00	7.16
40.00	23.45	350.00	11.51	660.00	7.16
50.00	23.39	360.00	11.21	670.00	6.98
60.00	22.94	370.00	11.00	680.00	6.92
70.00	21.48	380.00	10.82	690.00	6.89
80.00	20.59	390.00	10.65		
90.00	19.78	400.00	10.53		
100.00	19.02	410.00	10.42		
110.00	18.64	420.00	10.19		
120.00	18.30	430.00	10.09		
130.00	17.92	440.00	9.94		
140.00	17.35	450.00	9.82		
150.00	17.00	460.00	9.33		
160.00	16.86	470.00	9.15		
170.00	16.73	480.00	8.95		
180.00	16.69	490.00	8.80		
190.00	16.30	500.00	8.59		
200.00	15.97	510.00	8.39		
210.00	15.69	520.00	8.22		
220.00	15.28	530.00	8.23		
230.00	14.94	540.00	8.17		
240.00	14.65	550.00	7.51		
250.00	14.31	560.00	7.34		
260.00	13.85	570.00	7.70		
270.00	13.56	580.00	7.74		
280.00	13.21	590.00	7.63		
290.00	12.90	600.00	7.54		
300.00	12.67	610.00	7.49		

Cruise: GULFCET 03 **Station:** 13-132 **Probe Type:** T-20
Latitude: 28° 49.00' N **Longitude:** 88° 09.00' W **Date:** 10-Nov-1992 **Time:** 1515

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.30	310.00	12.26
10.00	24.20	320.00	11.96
20.00	24.19	330.00	11.65
30.00	24.16	340.00	11.50
40.00	24.15	350.00	11.28
50.00	23.99	360.00	11.04
60.00	22.63	370.00	10.75
70.00	21.12	380.00	10.50
80.00	20.45	390.00	10.31
90.00	19.57	400.00	10.10
100.00	18.98	410.00	9.86
110.00	18.26	420.00	9.65
120.00	17.70	430.00	9.49
130.00	17.15	440.00	9.30
140.00	16.81	450.00	9.15
150.00	16.41	460.00	9.06
160.00	16.07	470.00	8.93
170.00	15.83	480.00	8.82
180.00	15.62	490.00	8.68
190.00	15.39	500.00	8.55
200.00	15.07	510.00	8.38
210.00	14.65	520.00	8.26
220.00	14.21	530.00	8.20
230.00	14.02	540.00	8.07
240.00	13.96	550.00	7.90
250.00	13.81	560.00	7.73
260.00	13.46	570.00	7.58
270.00	13.15	580.00	7.53
280.00	12.91		
290.00	12.69		
300.00	12.54		

Cruise: GULFCET 03 **Station:** 13-134 **Probe Type:** T-20
Latitude: 28° 37.00' N **Longitude:** 88° 10.04' W **Date:** 10-Nov-1992 **Time:** 1837

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	24.76	310.00	11.98
10.00	24.63	320.00	11.72
20.00	24.63	330.00	11.52
30.00	24.63	340.00	11.26
40.00	24.67	350.00	11.01
50.00	24.78	360.00	10.87
60.00	22.29	370.00	10.68
70.00	21.39	380.00	10.43
80.00	20.74	390.00	10.20
90.00	20.14	400.00	10.00
100.00	19.42	410.00	9.74
110.00	18.95	420.00	9.59
120.00	18.18	430.00	9.48
130.00	17.74	440.00	9.36
140.00	17.23	450.00	9.19
150.00	16.93	460.00	9.07
160.00	16.50	470.00	9.15
170.00	16.08	480.00	8.98
180.00	15.70	490.00	8.79
190.00	15.35	500.00	8.67
200.00	15.07		
210.00	14.80		
220.00	14.51		
230.00	14.12		
240.00	13.80		
250.00	13.56		
260.00	13.35		
270.00	13.09		
280.00	12.85		
290.00	12.60		
300.00	12.32		

Cruise: GULFCET 03 **Station:** 14-138 **Probe Type:** T-20
Latitude: 29° 15.08' N **Longitude:** 87° 30.00' W **Date:** 10-Nov-1992 **Time:** 0015

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.92	310.00	11.26	620.00	6.76	930.00	5.23
10.00	23.93	320.00	11.00	630.00	6.69		
20.00	23.93	330.00	10.75	640.00	6.66		
30.00	23.92	340.00	10.61	650.00	6.57		
40.00	23.92	350.00	10.40	660.00	6.49		
50.00	23.86	360.00	10.22	670.00	6.39		
60.00	22.79	370.00	10.02	680.00	6.30		
70.00	21.30	380.00	9.83	690.00	6.13		
80.00	20.39	390.00	9.61	700.00	6.00		
90.00	19.66	400.00	9.39	710.00	5.85		
100.00	19.12	410.00	9.27	720.00	5.76		
110.00	18.49	420.00	9.11	730.00	5.72		
120.00	17.92	430.00	8.95	740.00	5.71		
130.00	17.24	440.00	8.83	750.00	5.71		
140.00	16.77	450.00	8.75	760.00	5.71		
150.00	16.49	460.00	8.60	770.00	5.68		
160.00	16.12	470.00	8.46	780.00	5.67		
170.00	15.71	480.00	8.36	790.00	5.64		
180.00	15.31	490.00	8.23	800.00	5.62		
190.00	15.00	500.00	8.04	810.00	5.61		
200.00	14.65	510.00	7.89	820.00	5.57		
210.00	14.21	520.00	7.74	830.00	5.54		
220.00	13.96	530.00	7.61	840.00	5.46		
230.00	13.65	540.00	7.46	850.00	5.40		
240.00	13.46	550.00	7.31	860.00	5.37		
250.00	13.12	560.00	7.23	870.00	5.36		
260.00	12.81	570.00	7.16	880.00	5.34		
270.00	12.53	580.00	7.13	890.00	5.31		
280.00	12.18	590.00	7.06	900.00	5.30		
290.00	11.87	600.00	6.99	910.00	5.27		
300.00	11.55	610.00	6.87	920.00	5.24		

Cruise: GULFCET 03 **Station:** 14-139 **Probe Type:** T-7
Latitude: 29° 17.00' N **Longitude:** 87° 30.00' W **Date:** 10-Nov-1992 **Time:** 0126

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.84	310.00	11.02	620.00	6.42
10.00	23.81	320.00	10.80	630.00	6.38
20.00	23.81	330.00	10.47	640.00	6.33
30.00	23.82	340.00	10.31	650.00	6.25
40.00	23.83	350.00	10.08	660.00	6.22
50.00	23.79	360.00	9.92	670.00	6.15
60.00	23.16	370.00	9.67	680.00	6.12
70.00	21.49	380.00	9.44	690.00	6.03
80.00	20.53	390.00	9.17	700.00	5.96
90.00	19.84	400.00	9.06	710.00	5.90
100.00	19.12	410.00	8.93	720.00	5.84
110.00	18.45	420.00	8.77	730.00	5.79
120.00	17.89	430.00	8.64	740.00	5.76
130.00	17.31	440.00	8.56	750.00	5.70
140.00	16.92	450.00	8.39		
150.00	16.62	460.00	8.26		
160.00	16.14	470.00	8.04		
170.00	15.58	480.00	7.94		
180.00	15.09	490.00	7.77		
190.00	14.76	500.00	7.68		
200.00	14.37	510.00	7.60		
210.00	13.99	520.00	7.47		
220.00	13.68	530.00	7.34		
230.00	13.36	540.00	7.26		
240.00	12.86	550.00	7.05		
250.00	12.60	560.00	6.98		
260.00	12.29	570.00	6.90		
270.00	12.21	580.00	6.77		
280.00	11.86	590.00	6.70		
290.00	11.55	600.00	6.60		
300.00	11.30	610.00	6.53		

Cruise: GULFCET 03 **Station:** 14-140 **Probe Type:** T-7
Latitude: 29° 20.00' N **Longitude:** 87° 30.00' W **Date:** 10-Nov-1992 **Time:** 0159

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.69	310.00	10.62
10.00	23.66	320.00	10.50
20.00	23.67	330.00	9.82
30.00	23.68	340.00	9.54
40.00	23.70	350.00	9.28
50.00	23.72	360.00	9.05
60.00	23.70	370.00	8.83
70.00	22.28	380.00	8.57
80.00	21.95	390.00	8.15
90.00	21.46	400.00	7.71
100.00	20.28	410.00	7.56
110.00	19.54	420.00	7.45
120.00	18.38		
130.00	17.50		
140.00	17.16		
150.00	16.60		
160.00	16.01		
170.00	15.43		
180.00	15.23		
190.00	14.76		
200.00	14.14		
210.00	13.77		
220.00	13.49		
230.00	13.06		
240.00	12.63		
250.00	12.35		
260.00	12.24		
270.00	11.85		
280.00	11.23		
290.00	10.97		
300.00	10.85		

Cruise: GULFCET 03 **Station:** 14-141 **Probe Type:** T-7
Latitude: 29° 22.00' N **Longitude:** 87° 30.00' W **Date:** 10-Nov-1992 **Time:** 0247

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.59	310.00	9.21
10.00	23.63	320.00	8.94
20.00	23.64	330.00	8.53
30.00	23.64	340.00	8.44
40.00	23.65	350.00	8.38
50.00	23.64		
60.00	23.64		
70.00	22.34		
80.00	21.98		
90.00	21.81		
100.00	21.11		
110.00	19.32		
120.00	18.52		
130.00	17.48		
140.00	16.60		
150.00	16.02		
160.00	15.51		
170.00	15.25		
180.00	14.82		
190.00	14.30		
200.00	13.99		
210.00	13.82		
220.00	13.49		
230.00	12.73		
240.00	12.28		
250.00	12.05		
260.00	11.16		
270.00	10.36		
280.00	9.97		
290.00	9.67		
300.00	9.52		

Cruise: GULFCET 03 **Station:** 14-142 **Probe Type:** T-10
Latitude: 29° 24.52' N **Longitude:** 87° 30.00' W **Date:** 10-Nov-1992 **Time:** 0317

Depth (m)	Temp. (°C)
0.00	23.68
10.00	23.68
20.00	23.68
30.00	23.69
40.00	23.69
50.00	23.68
60.00	23.69
70.00	23.36
80.00	22.24
90.00	21.10
100.00	20.27
110.00	19.58
120.00	18.50
130.00	17.20
140.00	16.57
150.00	16.26
160.00	15.53
170.00	14.85
180.00	14.39
190.00	14.09

4.3 Conductivity/Temperature/Depth (CTD) Data

Cruise 3 CTD Positions

CTD station	Date	Start time	Latitude (north)	Longitude (west)	CTD station	Date	Start time	Latitude (north)	Longitude (west)
02-010	20 Nov 92	1520	25° 59.98'	95° 30.03'	07-065	15 Nov 92	1735	28° 02.01'	92° 10.11'
02-013	20 Nov 92	2330	26° 46.08'	95° 29.97'	07-071	15 Nov 92	2335	27° 25.96'	92° 10.04'
02-015	21 Nov 92	0706	27° 26.11'	95° 29.98'	07-073	16 Nov 92	0553	26° 46.00'	92° 10.00'
02-020	21 Nov 92	1124	27° 47.14'	95° 30.04'	07-075	16 Nov 92	1112	26° 16.92'	92° 10.02'
03-021	19 Nov 92	1445	27° 56.13'	94° 50.04'	08-076	14 Nov 92	2035	26° 36.95'	91° 29.99'
03-026	19 Nov 92	2033	27° 26.06'	94° 49.96'	08-080	15 Nov 92	0539	27° 25.99'	91° 30.00'
03-029	20 Nov 92	0358	26° 46.05'	94° 49.82'	08-086	15 Nov 92	1318	28° 07.34'	91° 30.24'
03-030	20 Nov 92	0936	26° 17.00'	94° 50.00'	09-087	13 Nov 92	0008	28° 08.93'	90° 50.12'
04-031	18 Nov 92	1455	26° 17.05'	94° 10.01'	09-093	14 Nov 92	0713	27° 25.92'	90° 50.16'
04-033	18 Nov 92	2110	26° 46.33'	94° 09.94'	09-096	14 Nov 92	1510	26° 44.91'	90° 50.07'
04-036	19 Nov 92	0426	27° 26.00'	94° 09.95'	11-106	12 Nov 92	0449	28° 44.99'	89° 30.03'
04-042	19 Nov 92	1003	27° 54.01'	94° 09.94'	11-112	12 Nov 92	1148	28° 06.01'	89° 29.96'
05-043	17 Nov 92	1455	28° 00.02'	93° 29.98'	12-117	11 Nov 92	0752	27° 46.22'	88° 50.09'
05-047	17 Nov 92	2040	27° 26.00'	93° 29.95'	12-119	11 Nov 92	1530	28° 26.07'	88° 50.03'
05-050	18 Nov 92	0321	26° 46.00'	93° 30.00'	12-125	11 Nov 92	2346	29° 06.92'	88° 49.69'
05-053	18 Nov 92	0940	26° 10.00'	93° 30.00'	13-126	10 Nov 92	0936	29° 16.29'	88° 10.23'
06-054	16 Nov 92	1550	26° 14.01'	92° 50.17'	13-133	10 Nov 92	1604	28° 45.52'	88° 09.88'
06-055	16 Nov 92	2150	26° 46.05'	92° 49.98'	14-135	11 Nov 92	1345	28° 30.86'	87° 30.38'
06-064	17 Nov 92	1033	28° 02.00'	92° 50.00'	14-136	11 Nov 92	1820	28° 45.96'	87° 30.02'
					14-143	10 Nov 92	0400	29° 26.99'	87° 30.15'

CTD Data

Cruise: GULFCET 03 **Station:** 02-010
Date: 20-Nov-92 **Time:** 1520 **Lat:** 25 59.98 **Long:** 95 30.03
Depth: 1600 m **Wind Dir:** 284 ° **Wind Speed:** 5.4 m/s **Wave Dir:** 270°
Barometer: 29.81 **Air Temp Dry:** 23.4 °C **Air Temp Wet:** 19.4 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	25.113	25.111	36.214	24.227	368.86	.033	1536.14	4.941		10.07
20	25.150	25.145	36.265	24.254	366.69	.071	1536.45	4.983		20.14
30	25.186	25.179	36.293	24.264	366.13	.107	1536.74	4.977		30.20
50	25.179	25.168	36.292	24.265	366.79	.181	1537.06	5.052		50.34
75	25.164	25.148	36.292	24.270	367.39	.274	1537.45	5.024		75.52
100	23.733	23.711	36.432	24.807	317.10	.365	1534.53	5.078		100.69
125	22.243	22.218	36.386	25.204	280.18	.440	1531.11	4.813		125.88
150	21.121	21.092	36.634	25.707	233.19	.505	1528.85	3.844		151.06
200	18.150	18.115	36.432	26.333	174.99	.605	1521.19	3.355		201.44
250	16.054	16.014	36.136	26.610	149.71	.687	1515.44	3.334		251.83
300	14.192	14.148	35.842	26.798	132.65	.758	1510.08	3.191		302.23
400	11.541	11.489	35.428	27.009	113.75	.881	1502.41	3.022		403.07
500	9.558	9.500	35.150	27.145	101.54	.988	1496.72	3.030		503.96
600	8.163	8.099	35.004	27.252	91.78	1.086	1493.05	3.091		604.90
700	6.942	6.874	34.908	27.355	82.18	1.174	1489.93	3.414		705.89
800	6.170	6.096	34.891	27.445	73.91	1.253	1488.56	3.754		806.92
900	5.598	5.519	34.897	27.522	66.98	1.324	1487.96	4.056		908.01

Cruise: GULFCET 03 **Station:** 02-013
Date: 20-Nov-92 **Time:** 2330 **Lat:** 26 46.08 **Long:** 95 29.97
Depth: 1320 m **Wind Dir:** 156 ° **Wind Speed:** 4.5 m/s **Wave Dir:** °
Barometer: 29.83 **Air Temp Dry:** 22.2 °C **Air Temp Wet:** °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	25.182	25.180	36.258	24.238	367.72	.030	1536.35	4.988		10.07
20	25.181	25.177	36.259	24.239	368.03	.067	1536.52	4.997		20.14
30	25.180	25.174	36.259	24.240	368.42	.104	1536.69	4.984		30.20
50	25.186	25.175	36.259	24.238	369.40	.178	1537.04	4.973		50.34
75	25.264	25.248	36.294	24.241	370.15	.271	1537.69	4.944		75.52
100	25.265	25.243	36.297	24.243	370.97	.364	1538.11	4.902		100.69
125	23.458	23.431	36.490	24.933	306.14	.449	1534.33	4.788		125.88
150	21.594	21.565	36.438	25.426	259.95	.521	1529.89	4.349		151.06
200	18.637	18.601	36.471	26.240	183.88	.629	1522.64	3.277		201.44
250	16.718	16.676	36.244	26.538	156.78	.713	1517.58	3.616		251.83
300	14.815	14.769	35.941	26.740	138.46	.787	1512.18	3.192		302.23
400	11.929	11.876	35.489	26.983	116.46	.915	1503.82	2.994		403.07
500	9.898	9.839	35.205	27.130	103.24	1.025	1498.02	2.890		503.96
600	8.363	8.299	35.022	27.236	93.53	1.125	1493.82	3.009		604.90
700	7.287	7.217	34.929	27.323	85.68	1.215	1491.29	3.237		705.89
800	6.394	6.319	34.892	27.416	77.01	1.297	1489.44	3.611		806.92
900	5.804	5.723	34.895	27.495	69.89	1.371	1488.78	3.943		908.01

Cruise: GULFCET 03 **Station:** 02-015
Date: 21-Nov-92 **Time:** 0706 **Lat:** 27 26.11 **Long:** 95 29.98
Depth: 853 m **Wind Dir:** 138.5° **Wind Speed:** 12. m/s **Wave Dir:** 145°
Barometer: 29.74 **Air Temp Dry:** 27.7 °C **Air Temp Wet:** 21.6 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	25.075	25.073	36.091	24.145	376.61	.004	1535.92	5.063		10.07
20	25.061	25.056	36.086	24.146	376.95	.042	1536.05	5.040		20.14
30	25.085	25.079	36.093	24.143	377.59	.080	1536.28	5.002		30.20
50	25.092	25.081	36.094	24.142	378.50	.156	1536.64	5.020		50.34
75	25.120	25.104	36.107	24.143	379.41	.251	1537.14	5.003		75.52
100	21.013	20.993	36.346	25.517	249.30	.327	1527.40	4.338		100.69
125	19.654	19.631	36.441	25.954	208.55	.384	1524.21	3.486		125.88
150	18.503	18.477	36.440	26.250	181.18	.433	1521.38	3.235		151.06
200	16.573	16.540	36.231	26.562	152.80	.516	1516.29	3.854		201.44
250	14.496	14.458	35.894	26.772	133.73	.588	1510.28	3.118		251.83
300	13.066	13.024	35.669	26.899	122.54	.653	1506.19	3.087		302.23
400	10.860	10.810	35.334	27.062	108.27	.769	1499.93	3.002		403.07
500	9.030	8.975	35.093	27.187	97.05	.873	1494.72	2.973		503.96
600	7.367	7.307	34.937	27.318	84.65	.965	1489.94	3.206		604.90
700	6.313	6.248	34.895	27.429	74.22	1.045	1487.45	3.706		705.89
800	5.710	5.639	34.896	27.507	67.29	1.117	1486.73	4.011		806.92

Cruise: GULFCET 03 **Station:** 02-020
Date: 21-Nov-92 **Time:** 1124 **Lat:** 27 47.14 **Long:** 95 30.04
Depth: 94 m **Wind Dir:** 152 ° **Wind Speed:** 8.8 m/s **Wave Dir:** 142°
Barometer: 29.74 **Air Temp Dry:** 25.8 °C **Air Temp Wet:** 23 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	24.113	24.111	35.727	24.160	375.20	.019	1533.19	5.375	.148	10.07
20	24.122	24.118	35.748	24.173	374.34	.057	1533.40	5.286	.183	20.14
30	24.370	24.364	35.899	24.213	370.90	.094	1534.34	5.272	.210	30.20
50	24.210	24.199	36.087	24.404	353.57	.167	1534.49	5.182	.298	50.34
75	23.955	23.939	36.061	24.460	349.17	.255	1534.25	5.175	.197	75.52

Cruise: GULFCET 03 **Station:** 03-021
Date: 19-Nov-92 **Time:** 1445 **Lat:** 27 56.13 **Long:** 94 50.04
Depth: 99 m **Wind Dir:** 151.6° **Wind Speed:** 8.8 m/s **Wave Dir:** 120°
Barometer: 29.84 **Air Temp Dry:** 25.2 °C **Air Temp Wet:** 21.9 °C **Secchi Depth:** 19.0 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	24.486	24.484	35.865	24.153	375.87	.030	1534.25	5.206	.138	10.07
20	24.466	24.461	35.864	24.159	375.73	.068	1534.37	5.142	.161	20.14
30	24.414	24.408	35.892	24.195	372.67	.106	1534.44	5.119	.219	30.20
50	24.145	24.134	36.068	24.409	353.04	.178	1534.31	5.194	.397	50.34
75	24.201	24.185	36.106	24.421	352.91	.267	1534.91	5.152	.238	75.52

Cruise: GULFCET 03 **Station:** 03-026
Date: 19-Nov-92 **Time:** 2033 **Lat:** 27 26.06 **Long:** 94 49.96
Depth: 883 m **Wind Dir:** 137.5° **Wind Speed:** 11. m/s **Wave Dir:** °
Barometer: 29.84 **Air Temp Dry:** 24.8 °C **Air Temp Wet:** °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	25.384	25.382	36.194	24.128	378.25	.015	1536.77	4.954		10.07
20	25.387	25.383	36.193	24.126	378.82	.053	1536.94	5.019		20.14
30	25.390	25.384	36.193	24.125	379.34	.092	1537.12	5.085		30.20
50	25.392	25.381	36.192	24.124	380.25	.168	1537.46	4.985		50.34
75	23.423	23.407	36.284	24.786	318.11	.262	1533.17	5.011		75.52
100	22.114	22.094	36.364	25.224	277.30	.336	1530.33	4.971		100.69
125	20.336	20.313	36.387	25.731	229.81	.399	1526.03	4.057		125.88
150	18.801	18.774	36.455	26.186	187.30	.452	1522.25	3.355		151.06
200	16.776	16.743	36.265	26.540	154.96	.536	1516.94	3.669		201.44
250	14.928	14.889	35.971	26.737	137.23	.610	1511.74	3.183		251.83
300	13.287	13.244	35.708	26.884	124.06	.676	1506.97	3.103		302.23
400	10.869	10.819	35.336	27.062	108.27	.793	1499.96	3.055		403.07
500	9.015	8.959	35.094	27.190	96.77	.896	1494.66	2.986		503.96
600	7.811	7.749	34.975	27.283	88.45	.990	1491.68	3.078		604.90
700	6.786	6.719	34.904	27.373	80.22	1.075	1489.32	3.395		705.89
800	5.997	5.924	34.891	27.467	71.54	1.152	1487.87	3.772		806.92

Cruise: GULFCET 03 **Station:** 03-029
Date: 20-Nov-92 **Time:** 0358 **Lat:** 26 46.05 **Long:** 94 49.82
Depth: 1420 m **Wind Dir:** 181.2° **Wind Speed:** 5.7 m/s **Wave Dir:** °
Barometer: 29.86 **Air Temp Dry:** 20 °C **Air Temp Wet:** 19 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	25.326	25.324	36.307	24.231	368.43	.015	1536.75	4.913		10.07
20	25.330	25.326	36.310	24.232	368.71	.052	1536.93	4.913		20.14
30	25.333	25.326	36.311	24.232	369.18	.089	1537.11	4.892		30.20
50	25.338	25.327	36.311	24.230	370.12	.164	1537.46	4.847		50.34
75	25.342	25.326	36.311	24.229	371.24	.257	1537.89	4.848		75.52
100	25.347	25.325	36.312	24.228	372.38	.351	1538.33	4.830		100.69
125	25.306	25.278	36.322	24.249	371.37	.444	1538.66	4.808		125.88
150	23.355	23.323	36.663	25.093	291.82	.526	1534.68	4.199		151.06
200	20.269	20.231	36.699	25.987	208.28	.651	1527.46	3.707		201.44
250	18.055	18.011	36.452	26.372	172.93	.745	1521.77	3.809		251.83
300	16.123	16.074	36.133	26.592	152.99	.827	1516.48	3.205		302.23
400	12.821	12.765	35.624	26.913	123.72	.964	1506.99	3.084		403.07
500	10.441	10.380	35.271	27.087	107.79	1.079	1500.04	2.991		503.96
600	8.977	8.909	35.089	27.192	98.42	1.182	1496.18	3.008		604.90
700	7.403	7.333	34.927	27.305	87.55	1.276	1491.73	3.282		705.89
800	6.575	6.499	34.896	27.395	79.28	1.360	1490.16	3.564		806.92
900	5.901	5.819	34.893	27.481	71.43	1.436	1489.16	3.895		908.01

Cruise: GULFCET 03 **Station:** 03-030
Date: 20-Nov-92 **Time:** 0936 **Lat:** 26 17.00 **Long:** 94 50.00
Depth: 2000 m **Wind Dir:** 244.3° **Wind Speed:** 9.3 m/s **Wave Dir:** 247°
Barometer: 29.86 **Air Temp Dry:** 24.5 °C **Air Temp Wet:** 20.6 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	25.230	25.228	36.207	24.185	372.81	.030	1536.41	4.969		10.07
20	25.316	25.311	36.257	24.197	372.08	.068	1536.84	4.924		20.14
30	25.382	25.375	36.306	24.213	370.95	.105	1537.22	4.888		30.20
50	25.384	25.372	36.306	24.213	371.81	.180	1537.56	4.832		50.34
75	25.389	25.372	36.306	24.211	372.94	.274	1538.00	4.887		75.52
100	25.395	25.373	36.308	24.211	374.04	.368	1538.44	4.880		100.69
125	25.400	25.372	36.310	24.210	375.08	.462	1538.87	4.850		125.88
150	24.299	24.267	36.628	24.787	321.13	.549	1536.98	4.150		151.06
200	21.207	21.167	36.811	25.818	224.60	.683	1530.12	3.761		201.44
250	18.821	18.776	36.571	26.269	182.94	.784	1524.11	3.865		251.83
300	17.343	17.292	36.354	26.472	164.90	.871	1520.41	3.927		302.23
400	13.557	13.499	35.739	26.853	129.93	1.019	1509.56	3.141		403.07
500	11.028	10.965	35.361	27.052	111.61	1.141	1502.22	2.999		503.96
600	9.236	9.167	35.120	27.174	100.44	1.248	1497.17	2.961		604.90
700	7.276	7.206	34.928	27.324	85.57	1.342	1491.25	3.324		705.89
800	6.440	6.365	34.892	27.410	77.63	1.424	1489.62	3.651		806.92
900	5.890	5.809	34.892	27.481	71.36	1.499	1489.12	3.910		908.01

Cruise: GULFCET 03 **Station:** 04-031
Date: 18-Nov-92 **Time:** 1455 **Lat:** 26 17.05 **Long:** 94 10.01
Depth: 2000 m **Wind Dir:** 99.4 ° **Wind Speed:** 7.6 m/s **Wave Dir:** 100°
Barometer: 29.97 **Air Temp Dry:** 24.9 °C **Air Temp Wet:** 21.2 °C **Secchi Depth:** 30.0 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	25.460	25.458	36.310	24.192	372.11	.026	1537.07	4.930		10.07
20	25.423	25.418	36.308	24.202	371.57	.064	1537.15	5.006		20.14
30	25.415	25.409	36.308	24.205	371.76	.101	1537.30	4.983		30.20
50	25.413	25.402	36.308	24.205	372.52	.176	1537.63	4.880		50.34
75	25.415	25.398	36.309	24.205	373.56	.270	1538.06	4.965		75.52
100	25.419	25.397	36.310	24.204	374.64	.364	1538.49	4.933		100.69
125	25.396	25.369	36.307	24.210	375.13	.459	1538.86	4.824		125.88
150	23.320	23.288	36.577	25.038	297.06	.539	1534.50	4.426		151.06
200	20.650	20.612	36.689	25.877	218.81	.667	1528.49	3.742		201.44
250	17.188	17.146	36.310	26.476	162.82	.761	1519.06	3.450		251.83
300	15.089	15.042	35.978	26.708	141.60	.837	1513.09	3.414		302.23
400	12.325	12.271	35.564	26.965	118.49	.967	1505.25	3.036		403.07
500	10.122	10.062	35.231	27.112	105.13	1.080	1498.85	2.965		503.96
600	8.553	8.487	35.037	27.218	95.46	1.181	1494.55	3.043		604.90
700	7.480	7.409	34.943	27.306	87.53	1.273	1492.05	3.195		705.89
800	6.428	6.353	34.893	27.412	77.42	1.356	1489.57	3.584		806.92
900	5.818	5.737	34.892	27.491	70.32	1.431	1488.83	3.912		908.01

Cruise: GULFCET 03 **Station:** 04-033
Date: 18-Nov-92 **Time:** 2110 **Lat:** 26 46.33 **Long:** 94 09.94
Depth: 1350 m **Wind Dir:** 101.9° **Wind Speed:** 7.1 m/s **Wave Dir:** °
Barometer: 30.02 **Air Temp Dry:** 24.2 °C **Air Temp Wet:** 21.3 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	25.308	25.306	36.331	24.254	366.19	.026	1536.73	4.913		10.07
20	25.322	25.317	36.329	24.249	367.08	.063	1536.93	5.021		20.14
30	25.324	25.317	36.330	24.249	367.53	.100	1537.11	4.915		30.20
50	25.335	25.324	36.329	24.245	368.72	.174	1537.47	4.856		50.34
75	25.333	25.316	36.328	24.245	369.71	.267	1537.89	4.921		75.52
100	24.946	24.924	36.354	24.383	357.58	.360	1537.41	5.026		100.69
125	22.787	22.762	36.424	25.077	292.28	.437	1532.56	5.093		125.88
150	20.858	20.829	36.375	25.582	245.02	.506	1527.86	4.324		151.06
200	17.907	17.872	36.411	26.378	170.68	.607	1520.46	3.557		201.44
250	15.774	15.734	36.092	26.641	146.69	.687	1514.52	3.281		251.83
300	14.025	13.981	35.821	26.817	130.76	.758	1509.51	3.130		302.23
400	11.424	11.372	35.419	27.025	112.19	.879	1502.00	3.067		403.07
500	9.439	9.382	35.144	27.160	100.00	.987	1496.28	2.960		503.96
600	8.263	8.199	35.008	27.241	92.98	1.084	1493.43	3.075		604.90
700	7.013	6.945	34.914	27.350	82.75	1.172	1490.22	3.340		705.89
800	6.251	6.177	34.890	27.433	75.17	1.252	1488.87	3.629		806.92
900	5.628	5.548	34.896	27.518	67.43	1.324	1488.08	3.984		908.01

Cruise: GULFCET 03 **Station:** 04-036
Date: 19-Nov-92 **Time:** 0426 **Lat:** 27 26.00 **Long:** 94 09.95
Depth: 816 m **Wind Dir:** 134.5° **Wind Speed:** 7.2 m/s **Wave Dir:** °
Barometer: 29.95 **Air Temp Dry:** 23.6 °C **Air Temp Wet:** 20.8 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	24.490	24.488	35.873	24.157	375.44	.030	1534.27	5.123		10.07
20	24.491	24.487	35.873	24.157	375.89	.068	1534.44	5.098		20.14
30	24.491	24.485	35.873	24.157	376.28	.106	1534.61	5.099		30.20
50	24.559	24.549	36.045	24.267	366.58	.181	1535.30	5.080		50.34
75	24.026	24.010	36.261	24.590	336.78	.271	1534.65	5.004		75.52
100	20.772	20.753	36.341	25.579	243.40	.341	1526.75	4.224		100.69
125	19.039	19.016	36.450	26.122	192.59	.395	1522.50	3.340		125.88
150	17.986	17.960	36.383	26.336	172.92	.440	1519.82	3.245		151.06
200	15.370	15.339	36.027	26.682	141.06	.517	1512.36	3.234		201.44
250	13.782	13.746	35.774	26.832	127.77	.585	1507.83	3.107		251.83
300	12.370	12.330	35.560	26.952	117.10	.647	1503.73	3.020		302.23
400	9.954	9.907	35.209	27.124	101.74	.756	1496.56	3.000		403.07
500	8.464	8.410	35.037	27.233	92.16	.853	1492.55	3.050		503.96
600	7.315	7.255	34.932	27.321	84.23	.942	1489.73	3.256		604.90
700	6.474	6.408	34.898	27.410	76.26	1.023	1488.09	3.576		705.89

Cruise: GULFCET 03 **Station:** 04-042
Date: 19-Nov-92 **Time:** 1003 **Lat:** 27 54.01 **Long:** 94 09.94
Depth: 106 m **Wind Dir:** 150 ° **Wind Speed:** 7.8 m/s **Wave Dir:** °
Barometer: 29.99 **Air Temp Dry:** 25.2 °C **Air Temp Wet:** 21.5 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	24.175	24.173	36.057	24.391	353.14	.025	1533.70	5.478	.126	10.07
20	24.180	24.176	36.057	24.390	353.67	.061	1533.88	5.507	.150	20.14
30	24.172	24.165	36.057	24.393	353.82	.096	1534.03	5.411	.178	30.20
50	24.172	24.161	36.058	24.393	354.54	.167	1534.36	5.326	.209	50.34
75	24.054	24.038	36.103	24.462	348.94	.257	1534.54	4.985	.240	75.52

Cruise: GULFCET 03 **Station:** 05-043
Date: 17-Nov-92 **Time:** 1455 **Lat:** 28 00.02 **Long:** 93 29.98
Depth: 91 m **Wind Dir:** 143 ° **Wind Speed:** 6.2 m/s **Wave Dir:** °
Barometer: 30.06 **Air Temp Dry:** 22.4 °C **Air Temp Wet:** °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	24.295	24.292	36.030	24.335	358.51	.029	1533.96	5.235	.138	10.07
20	24.372	24.368	36.151	24.403	352.41	.065	1534.45	5.136	.165	20.14
30	24.369	24.363	36.159	24.410	352.14	.100	1534.62	5.202	.180	30.20
50	24.371	24.360	36.169	24.418	352.23	.171	1534.97	5.194	.284	50.34
75	24.364	24.348	36.173	24.423	352.74	.260	1535.38	5.225	.246	75.52

Cruise: GULFCET 03 **Station:** 05-047
Date: 17-Nov-92 **Time:** 2040 **Lat:** 27 26.00 **Long:** 93 29.95
Depth: 575 m **Wind Dir:** 101.2° **Wind Speed:** 6.6 m/s **Wave Dir:** °
Barometer: 30.09 **Air Temp Dry:** 23.0 °C **Air Temp Wet:** °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	24.463	24.461	35.931	24.209	370.47	.026	1534.27	5.054		10.07
20	24.472	24.468	35.931	24.207	371.09	.063	1534.46	5.098		20.14
30	24.474	24.467	35.931	24.206	371.57	.101	1534.63	5.073		30.20
50	24.480	24.470	35.938	24.210	372.03	.176	1534.99	5.015		50.34
75	22.761	22.746	36.389	25.058	292.14	.260	1531.61	5.022		75.52
100	20.503	20.484	36.345	25.654	236.21	.328	1526.02	4.169		100.69
125	19.152	19.129	36.463	26.102	194.48	.382	1522.83	3.261		125.88
150	17.855	17.829	36.394	26.377	169.02	.427	1519.45	3.414		151.06
200	15.437	15.406	36.036	26.674	141.90	.505	1512.58	3.137		201.44
250	13.688	13.652	35.771	26.850	126.12	.572	1507.53	3.122		251.83
300	12.491	12.450	35.578	26.943	118.04	.633	1504.16	3.010		302.23
400	10.461	10.412	35.278	27.089	105.36	.745	1498.45	2.910		403.07
500	8.409	8.355	35.035	27.239	91.49	.845	1492.34	2.997		503.96

Cruise: GULFCET 03 **Station:** 05-050
Date: 18-Nov-92 **Time:** 0321 **Lat:** 26 46.00 **Long:** 93 30.00
Depth: 1470 m **Wind Dir:** 94.6 ° **Wind Speed:** 4.8 m/s **Wave Dir:** °
Barometer: 30.03 **Air Temp Dry:** 23.6 °C **Air Temp Wet:** 20.4 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	25.033	25.031	36.184	24.228	368.73	.026	1535.92	5.105		10.07
20	25.037	25.033	36.185	24.227	369.19	.063	1536.10	5.153		20.14
30	25.034	25.027	36.183	24.227	369.62	.100	1536.26	5.002		30.20
50	25.037	25.026	36.183	24.226	370.51	.175	1536.60	5.068		50.34
75	25.044	25.027	36.187	24.227	371.42	.268	1537.04	4.981		75.52
100	22.169	22.149	36.296	25.157	283.67	.354	1530.40	4.834		100.69
125	19.973	19.949	36.411	25.847	218.79	.416	1525.06	3.663		125.88
150	18.900	18.873	36.437	26.147	191.02	.466	1522.51	3.193		151.06
200	16.163	16.130	36.149	26.595	149.58	.549	1514.95	3.209		201.44
250	14.440	14.403	35.876	26.771	133.88	.620	1510.08	3.104		251.83
300	13.199	13.156	35.677	26.878	124.60	.685	1506.64	3.100		302.23
400	11.059	11.009	35.361	27.046	109.90	.802	1500.66	3.008		403.07
500	9.358	9.301	35.128	27.160	99.85	.907	1495.96	2.991		503.96
600	7.926	7.863	34.981	27.271	89.78	1.003	1492.13	3.123		604.90
700	6.824	6.757	34.903	27.367	80.85	1.088	1489.47	3.453		705.89
800	6.063	5.990	34.890	27.458	72.50	1.166	1488.13	3.767		806.92
900	5.547	5.467	34.898	27.529	66.19	1.235	1487.75	4.103		908.01
1000	5.094	5.009	34.915	27.597	60.14	1.299	1487.62	4.378		1009.14

Cruise: GULFCET 03 **Station:** 05-053
Date: 18-Nov-92 **Time:** 0940 **Lat:** 26 10.00 **Long:** 93 30.00
Depth: 2000 m **Wind Dir:** 69.6 ° **Wind Speed:** 5.7 m/s **Wave Dir:** 68.°
Barometer: 30.06 **Air Temp Dry:** 25 °C **Air Temp Wet:** 21.3 °C **Secchi Depth:** 23.0 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	24.941	24.939	36.241	24.299	361.95	.026	1535.76	5.046		10.07
20	24.941	24.937	36.241	24.299	362.35	.062	1535.93	5.063		20.14
30	24.941	24.935	36.240	24.298	362.82	.099	1536.09	5.074		30.20
50	24.943	24.932	36.239	24.297	363.72	.172	1536.44	5.034		50.34
75	24.939	24.923	36.237	24.297	364.77	.263	1536.85	5.012		75.52
100	22.790	22.769	36.336	25.009	297.77	.349	1532.05	5.026		100.69
125	20.789	20.764	36.318	25.557	246.44	.418	1527.19	4.353		125.88
150	19.462	19.435	36.483	26.037	201.60	.475	1524.15	3.313		151.06
200	17.227	17.193	36.325	26.478	160.98	.565	1518.36	3.707		201.44
250	15.297	15.258	36.019	26.692	141.63	.641	1512.96	3.196		251.83
300	13.645	13.601	35.756	26.847	127.71	.709	1508.20	3.183		302.23
400	11.226	11.175	35.379	27.030	111.55	.829	1501.26	3.050		403.07
500	9.164	9.108	35.098	27.169	98.83	.935	1495.22	3.070		503.96
600	7.761	7.699	34.961	27.279	88.78	1.030	1491.47	3.142		604.90
700	6.813	6.746	34.906	27.371	80.50	1.115	1489.43	3.385		705.89
800	6.045	5.972	34.891	27.462	72.16	1.193	1488.06	3.758		806.92
900	5.530	5.451	34.899	27.532	65.93	1.263	1487.68	4.057		908.01

Cruise: GULFCET 03 **Station:** 06-054
Date: 16-Nov-92 **Time:** 1550 **Lat:** 26 14.01 **Long:** 92 50.17
Depth: 2000 m **Wind Dir:** 111.5° **Wind Speed:** 5.6 m/s **Wave Dir:** 75.°
Barometer: 30.18 **Air Temp Dry:** 22.5 °C **Air Temp Wet:** 18.5 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	23.812	23.809	35.796	24.302	361.64	.029	1532.51	5.213		10.07
20	23.824	23.819	35.797	24.299	362.33	.066	1532.71	5.086		20.14
30	23.909	23.902	35.830	24.299	362.71	.102	1533.13	5.124		30.20
50	23.981	23.971	35.863	24.302	363.23	.175	1533.68	5.083		50.34
75	23.025	23.009	36.372	24.969	300.68	.263	1532.26	5.178		75.52
100	21.074	21.054	36.346	25.500	250.91	.333	1527.57	4.506		100.69
125	19.381	19.358	36.435	26.021	202.16	.389	1523.45	3.406		125.88
150	18.085	18.059	36.393	26.320	174.51	.435	1520.12	3.383		151.06
200	16.713	16.680	36.230	26.529	156.03	.518	1516.71	3.385		201.44
250	15.667	15.627	36.079	26.655	145.28	.594	1514.18	3.437		251.83
300	14.293	14.248	35.856	26.787	133.72	.664	1510.42	3.275		302.23
400	11.689	11.636	35.456	27.003	114.40	.789	1502.95	2.993		403.07
500	9.245	9.188	35.103	27.160	99.79	.897	1495.52	3.033		503.96
600	7.664	7.603	34.941	27.277	88.81	.992	1491.08	3.158		604.90
700	6.682	6.615	34.906	27.389	78.62	1.077	1488.91	3.382		705.89
800	6.019	5.946	34.890	27.464	71.91	1.153	1487.95	3.687		806.92
900	5.482	5.403	34.900	27.539	65.17	1.222	1487.50	3.998		908.01

Cruise: GULFCET 03 **Station:** 06-055
Date: 16-Nov-92 **Time:** 2150 **Lat:** 26 46.05 **Long:** 92 49.98
Depth: 1745 m **Wind Dir:** 84.4 ° **Wind Speed:** 6.2 m/s **Wave Dir:** °
Barometer: 30.18 **Air Temp Dry:** 23 °C **Air Temp Wet:** 19.2 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	24.550	24.548	36.089	24.303	361.57	.033	1534.65	4.963		10.07
20	24.547	24.543	36.089	24.303	361.91	.069	1534.81	5.122		20.14
30	24.553	24.547	36.090	24.303	362.40	.106	1534.99	5.017		30.20
50	24.563	24.552	36.090	24.300	363.42	.179	1535.36	5.075		50.34
75	24.562	24.545	36.090	24.300	364.42	.270	1535.77	5.104		75.52
100	21.179	21.160	36.293	25.431	257.53	.350	1527.79	4.743		100.69
125	19.922	19.899	36.565	25.978	206.34	.407	1525.10	3.546		125.88
150	18.386	18.359	36.432	26.274	178.90	.455	1521.03	3.326		151.06
200	16.498	16.465	36.196	26.553	153.68	.538	1516.02	3.350		201.44
250	14.857	14.819	35.947	26.735	137.44	.611	1511.49	3.242		251.83
300	13.331	13.289	35.715	26.880	124.41	.677	1507.12	3.167		302.23
400	11.192	11.141	35.382	27.039	110.71	.795	1501.15	3.006		403.07
500	9.477	9.420	35.148	27.157	100.32	.901	1496.42	2.920		503.96
600	7.824	7.762	34.972	27.278	88.93	.997	1491.73	3.092		604.90
700	6.813	6.746	34.906	27.371	80.48	1.083	1489.43	3.397		705.89
800	5.921	5.849	34.891	27.477	70.50	1.159	1487.57	3.799		806.92
900	5.351	5.273	34.903	27.557	63.23	1.226	1486.97	4.188		908.01

Cruise: GULFCET 03 **Station:** 06-064
Date: 17-Nov-92 **Time:** 1033 **Lat:** 28 02.00 **Long:** 92 50.00
Depth: 99 m **Wind Dir:** 123.6° **Wind Speed:** 5.8 m/s **Wave Dir:** 135°
Barometer: 30.15 **Air Temp Dry:** 23.5 °C **Air Temp Wet:** 19.2 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	24.024	24.022	36.145	24.503	342.49	.024	1533.42	5.080	.270	10.07
20	24.033	24.029	36.146	24.501	343.08	.059	1533.61	5.112	.283	20.14
30	24.034	24.028	36.146	24.501	343.48	.093	1533.78	5.116	.286	30.20
50	24.038	24.028	36.145	24.499	344.45	.163	1534.13	5.119	.340	50.34
75	23.763	23.748	36.079	24.531	342.42	.249	1533.80	4.953	.220	75.52

Cruise: GULFCET 03 **Station:** 07-065
Date: 15-Nov-92 **Time:** 1735 **Lat:** 28 02.01 **Long:** 92 10.11
Depth: 100 m **Wind Dir:** 59.9 ° **Wind Speed:** 6.5 m/s **Wave Dir:** °
Barometer: 30.32 **Air Temp Dry:** 20.2 °C **Air Temp Wet:** 15.2 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	24.187	24.185	36.118	24.434	349.06	.028	1533.79	4.954	.286	10.07
20	24.203	24.199	36.110	24.423	350.54	.063	1533.99	5.055	.291	20.14
30	24.205	24.199	36.102	24.416	351.58	.099	1534.16	4.967	.320	30.20
50	24.201	24.190	36.108	24.422	351.79	.170	1534.49	4.990	.304	50.34
75	24.225	24.209	36.117	24.422	352.83	.258	1534.98	5.021	.315	75.52

Cruise: GULFCET 03 **Station:** 07-071
Date: 15-Nov-92 **Time:** 2335 **Lat:** 27 25.96 **Long:** 92 10.04
Depth: 814 m **Wind Dir:** 82.7 ° **Wind Speed:** 7.3 m/s **Wave Dir:** °
Barometer: 30.29 **Air Temp Dry:** 20.8 °C **Air Temp Wet:** 16.8 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	24.835	24.833	36.272	24.355	356.60	.025	1535.54	5.087		10.07
20	24.842	24.838	36.272	24.353	357.19	.061	1535.72	5.057		20.14
30	24.845	24.839	36.272	24.352	357.71	.097	1535.90	5.006		30.20
50	24.850	24.839	36.272	24.351	358.62	.169	1536.25	4.964		50.34
75	24.842	24.825	36.273	24.354	359.33	.260	1536.65	5.082		75.52
100	22.197	22.177	36.380	25.213	278.39	.338	1530.57	4.834		100.69
125	20.247	20.223	36.359	25.734	229.51	.400	1525.76	3.780		125.88
150	19.056	19.029	36.448	26.115	194.07	.455	1522.96	3.252		151.06
200	16.911	16.877	36.246	26.493	159.43	.541	1517.32	3.290		201.44
250	14.913	14.875	35.970	26.740	136.92	.616	1511.69	3.320		251.83
300	12.486	12.445	35.560	26.930	119.28	.681	1504.12	3.088		302.23
400	9.627	9.581	35.168	27.147	99.32	.787	1495.32	3.023		403.07
500	8.020	7.968	34.992	27.265	88.64	.883	1490.83	3.103		503.96
600	6.971	6.913	34.916	27.357	80.44	.968	1488.38	3.337		604.90
700	5.976	5.913	34.888	27.467	70.17	1.044	1486.11	3.856		705.89

Cruise: GULFCET 03 **Station:** 07-073
Date: 16-Nov-92 **Time:** 0553 **Lat:** 26 46.00 **Long:** 92 10.00
Depth: 1800 m **Wind Dir:** 86.8 ° **Wind Speed:** 8.8 m/s **Wave Dir:** °
Barometer: 30.25 **Air Temp Dry:** 22 °C **Air Temp Wet:** 18 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	23.756	23.753	35.596	24.167	374.51	.019	1532.16	5.147		10.07
20	23.755	23.751	35.596	24.167	374.90	.057	1532.33	5.122		20.14
30	23.760	23.754	35.596	24.166	375.41	.095	1532.51	5.199		30.20
50	23.775	23.765	35.604	24.167	376.09	.170	1532.89	5.153		50.34
75	23.440	23.424	36.237	24.746	321.91	.262	1533.16	4.354		75.52
100	21.446	21.426	36.379	25.423	258.31	.334	1528.59	4.234		100.69
125	19.592	19.569	36.431	25.963	207.73	.393	1524.03	3.547		125.88
150	18.784	18.757	36.508	26.231	183.06	.442	1522.26	3.470		151.06
200	16.157	16.124	36.164	26.608	148.37	.524	1514.95	3.422		201.44
250	14.452	14.414	35.885	26.775	133.44	.595	1510.12	3.256		251.83
300	12.880	12.838	35.633	26.908	121.58	.659	1505.53	3.156		302.23
400	10.747	10.697	35.314	27.066	107.77	.774	1499.50	3.109		403.07
500	9.109	9.052	35.099	27.179	97.87	.878	1495.01	3.046		503.96
600	7.595	7.534	34.948	27.294	87.20	.971	1490.83	3.184		604.90
700	6.529	6.463	34.888	27.395	77.78	1.054	1488.29	3.535		705.89
800	5.817	5.745	34.889	27.488	69.24	1.128	1487.15	3.939		806.92
900	5.313	5.236	34.908	27.565	62.38	1.195	1486.82	4.250		908.01

Cruise: GULFCET 03 **Station:** 07-075
Date: 16-Nov-92 **Time:** 1112 **Lat:** 26 16.92 **Long:** 92 10.02
Depth: 2000 m **Wind Dir:** 79 ° **Wind Speed:** 8.2 m/s **Wave Dir:** 45.°
Barometer: 30.26 **Air Temp Dry:** 23 °C **Air Temp Wet:** 18.2 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	23.540	23.538	35.580	24.218	369.64	.019	1531.60	5.199		10.07
20	23.543	23.539	35.582	24.218	370.00	.056	1531.78	5.136		20.14
30	23.550	23.544	35.586	24.219	370.29	.093	1531.97	5.160		30.20
50	23.568	23.558	35.602	24.227	370.37	.168	1532.37	5.108		50.34
75	21.639	21.624	36.268	25.285	270.54	.255	1528.56	4.026		75.52
100	19.878	19.859	36.360	25.833	219.16	.316	1524.33	3.656		100.69
125	18.840	18.818	36.476	26.192	185.86	.367	1521.96	3.392		125.88
150	17.859	17.833	36.374	26.361	170.53	.412	1519.44	3.372		151.06
200	15.689	15.657	36.079	26.650	144.20	.491	1513.41	3.465		201.44
250	14.179	14.142	35.837	26.797	131.27	.560	1509.19	3.324		251.83
300	12.613	12.572	35.594	26.931	119.22	.623	1504.59	3.177		302.23
400	10.300	10.252	35.249	27.095	104.75	.735	1497.84	3.025		403.07
500	8.567	8.513	35.041	27.220	93.49	.834	1492.94	2.981		503.96
600	7.457	7.396	34.943	27.310	85.51	.924	1490.29	3.172		604.90
700	6.500	6.434	34.889	27.400	77.30	1.007	1488.18	3.527		705.89
800	5.788	5.716	34.890	27.493	68.74	1.081	1487.03	3.913		806.92
900	5.359	5.281	34.904	27.557	63.25	1.147	1487.00	4.163		908.01

Cruise: GULFCET 03 **Station:** 08-076
Date: 14-Nov-92 **Time:** 2035 **Lat:** 26 36.95 **Long:** 91 29.99
Depth: 2000 m **Wind Dir:** 47.3 ° **Wind Speed:** 8 m/s **Wave Dir:** °
Barometer: 30.31 **Air Temp Dry:** 21.3 °C **Air Temp Wet:** 16.5 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	23.582	23.580	35.750	24.334	358.56	.025	1531.89	5.178		10.07
20	23.598	23.594	35.752	24.332	359.21	.061	1532.10	5.212		20.14
30	23.608	23.602	35.759	24.333	359.44	.098	1532.30	5.211		30.20
50	23.745	23.734	35.864	24.373	356.43	.170	1533.10	5.227		50.34
75	20.486	20.472	36.378	25.685	232.42	.241	1525.59	3.773		75.52
100	19.154	19.136	36.475	26.111	192.75	.294	1522.43	3.361		100.69
125	17.983	17.961	36.381	26.335	172.14	.340	1519.39	3.388		125.88
150	17.229	17.204	36.312	26.468	160.29	.382	1517.51	3.502		151.06
200	15.256	15.225	36.008	26.693	140.04	.457	1511.98	3.348		201.44
250	13.639	13.603	35.748	26.842	126.77	.525	1507.34	3.331		251.83
300	12.214	12.174	35.534	26.963	116.01	.586	1503.17	3.224		302.23
400	10.008	9.961	35.205	27.111	102.94	.697	1496.75	3.057		403.07
500	8.092	8.040	34.979	27.244	90.72	.794	1491.09	3.109		503.96
600	7.070	7.012	34.909	27.337	82.42	.881	1488.76	3.309		604.90
700	6.422	6.357	34.889	27.411	76.16	.961	1487.88	3.554		705.89
800	5.839	5.767	34.890	27.487	69.45	1.034	1487.24	3.834		806.92
900	5.454	5.375	34.900	27.542	64.80	1.102	1487.38	4.037		908.01

Cruise: GULFCET 03 **Station:** 08-080
Date: 15-Nov-92 **Time:** 0539 **Lat:** 27 25.99 **Long:** 91 30.00
Depth: 930 m **Wind Dir:** 42.4 ° **Wind Speed:** 7.8 m/s **Wave Dir:** °
Barometer: 30.31 **Air Temp Dry:** 20.2 °C **Air Temp Wet:** 15 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	24.643	24.641	36.256	24.401	352.22	.028	1535.06	5.012		10.07
20	24.645	24.641	36.259	24.403	352.45	.064	1535.23	5.036		20.14
30	24.657	24.650	36.260	24.400	353.09	.099	1535.43	5.047		30.20
50	24.647	24.636	36.261	24.404	353.55	.171	1535.74	5.003		50.34
75	21.960	21.945	36.281	25.204	278.20	.255	1529.42	4.603		75.52
100	20.492	20.473	36.305	25.627	238.79	.320	1525.95	4.002		100.69
125	18.761	18.739	36.379	26.138	190.95	.372	1521.63	3.312		125.88
150	17.488	17.462	36.318	26.409	165.89	.417	1518.29	3.349		151.06
200	14.885	14.855	35.940	26.723	137.02	.493	1510.73	3.408		201.44
250	13.029	12.994	35.659	26.899	121.18	.557	1505.22	3.311		251.83
300	11.900	11.861	35.486	26.986	113.64	.616	1502.05	3.213		302.23
400	9.774	9.728	35.165	27.120	101.98	.724	1495.85	3.170		403.07
500	8.536	8.482	35.025	27.212	94.17	.823	1492.81	3.171		503.96
600	6.994	6.936	34.896	27.338	82.25	.912	1488.45	3.382		604.90
700	6.339	6.274	34.885	27.418	75.36	.991	1487.54	3.635		705.89
800	5.728	5.657	34.892	27.502	67.82	1.063	1486.80	3.963		806.92
900	5.142	5.066	34.913	27.590	59.73	1.127	1486.14	4.336		908.01

Cruise: GULFCET 03 **Station:** 08-086
Date: 15-Nov-92 **Time:** 1318 **Lat:** 28 07.34 **Long:** 91 30.24
Depth: 100 m **Wind Dir:** 56.3 ° **Wind Speed:** 7.5 m/s **Wave Dir:** 53.°
Barometer: 30.32 **Air Temp Dry:** 19.8 °C **Air Temp Wet:** 15.5 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	23.379	23.377	35.407	24.134	377.64	.034	1531.01	5.144	.365	10.07
20	23.381	23.377	35.409	24.135	377.93	.072	1531.19	5.153	.419	20.14
30	23.455	23.449	35.450	24.145	377.42	.110	1531.58	5.244	.386	30.20
50	23.543	23.532	35.599	24.232	369.86	.186	1532.30	5.084	.326	50.34
75	21.554	21.540	36.331	25.356	263.78	.270	1528.41	3.972	.116	75.52

Cruise: GULFCET 03 **Station:** 09-087
Date: 14-Nov-92 **Time:** 0007 **Lat:** 28 08.93 **Long:** 90 50.12
Depth: 109 m **Wind Dir:** 36 ° **Wind Speed:** 9.7 m/s **Wave Dir:**
Barometer: 30.28 **Air Temp Dry:** 18.2 °C **Air Temp Wet:** 14 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	23.158	23.156	30.388	20.397	725.18	.008	1524.98	4.036		10.07
20	23.211	23.207	34.880	23.783	411.46	.052	1530.18	4.327		20.14
30	23.216	23.210	34.892	23.791	411.11	.093	1530.37	5.048		30.20
50	23.662	23.652	35.182	23.880	403.38	.176	1532.15	4.882		50.34
75	21.299	21.284	36.519	25.570	243.42	.253	1527.94	3.704		75.52
100	20.901	20.881	36.540	25.696	232.36	.312	1527.32	3.494		100.69

Cruise: GULFCET 03 **Station:** 09-093
Date: 14-Nov-92 **Time:** 0713 **Lat:** 27 25.92 **Long:** 90 50.16
Depth: 1300 m **Wind Dir:** 72 ° **Wind Speed:** 9.6 m/s **Wave Dir:** 51.°
Barometer: 30.29 **Air Temp Dry:** 21 °C **Air Temp Wet:** 16.5 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	23.892	23.890	35.853	24.321	359.83	.015	1532.78	5.214		10.07
20	23.896	23.892	35.854	24.320	360.28	.051	1532.96	5.245		20.14
30	23.893	23.886	35.856	24.323	360.44	.087	1533.12	5.397		30.20
50	22.834	22.824	36.373	25.025	294.38	.158	1531.36	5.134		50.34
75	20.465	20.450	36.449	25.744	226.74	.223	1525.62	4.189		75.52
100	18.996	18.978	36.492	26.164	187.68	.274	1522.01	3.680		100.69
125	17.764	17.742	36.372	26.383	167.57	.319	1518.74	3.579		125.88
150	16.772	16.747	36.245	26.526	154.70	.359	1516.07	3.647		151.06
200	14.609	14.579	35.912	26.762	133.32	.432	1509.82	3.560		201.44
250	13.088	13.053	35.665	26.891	121.94	.496	1505.43	3.403		251.83
300	11.745	11.706	35.456	26.993	112.99	.555	1501.48	3.105		302.23
400	9.587	9.541	35.152	27.141	99.82	.663	1495.16	2.965		403.07
500	7.914	7.863	34.964	27.258	89.15	.758	1490.39	3.045		503.96
600	6.528	6.472	34.888	27.395	76.28	.842	1486.62	3.408		604.90
700	5.964	5.901	34.889	27.470	69.87	.915	1486.07	3.637		705.89
800	5.691	5.620	34.895	27.509	67.10	.985	1486.65	3.769		806.92
900	5.383	5.305	34.903	27.553	63.62	1.051	1487.10	3.965		908.01

Cruise: GULFCET 03 **Station:** 09-096
Date: 14-Nov-92 **Time:** 1510 **Lat:** 26 44.91 **Long:** 90 50.07
Depth: 2000 m **Wind Dir:** 51.4 ° **Wind Speed:** 8.6 m/s **Wave Dir:** 50.°
Barometer: 30.27 **Air Temp Dry:** 21.8 °C **Air Temp Wet:** 16.5 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	23.786	23.784	35.749	24.273	364.39	.007	1532.40	5.451		10.07
10	23.786	23.784	35.749	24.273	364.39	.007	1532.40	5.451		10.07
20	23.779	23.775	35.748	24.274	364.66	.044	1532.55	5.395		20.14
30	23.734	23.727	35.745	24.286	363.94	.081	1532.60	5.481		30.20
50	23.344	23.334	36.271	24.799	315.86	.153	1532.54	5.318		50.34
75	21.343	21.328	36.407	25.472	252.69	.223	1527.93	4.632		75.52
100	17.667	17.650	36.273	26.331	171.65	.276	1517.92	3.853		100.69
125	15.347	15.327	36.033	26.692	137.87	.313	1511.04	3.461		125.88
150	14.197	14.175	35.844	26.798	128.27	.347	1507.59	3.367		151.06
200	12.887	12.859	35.633	26.907	119.00	.409	1503.89	3.365		201.44
250	11.851	11.819	35.475	26.987	112.30	.467	1501.03	3.345		251.83
300	10.593	10.557	35.293	27.078	104.30	.521	1497.27	3.248		302.23
300	10.593	10.557	35.293	27.078	104.30	.521	1497.27	3.248		302.23
400	8.703	8.660	35.041	27.198	93.72	.621	1491.78	3.242		403.07
500	7.598	7.547	34.938	27.285	86.31	.712	1489.16	3.318		503.96
600	6.626	6.570	34.887	27.381	77.71	.794	1487.01	3.638		604.90
700	6.019	5.956	34.887	27.461	70.79	.869	1486.28	3.876		705.89
800	5.668	5.598	34.895	27.511	66.82	.939	1486.56	4.034		806.92
900	5.229	5.151	34.909	27.577	61.13	1.003	1486.48	4.354		908.01

Cruise: GULFCET 03 **Station:** 11-106
Date: 12-Nov-92 **Time:** 0449 **Lat:** 28 44.99 **Long:** 89 30.03
Depth: 94 m **Wind Dir:** 195 ° **Wind Speed:** 6.1 m/s **Wave Dir:** °
Barometer: 29.94 **Air Temp Dry:** 23 °C **Air Temp Wet:** 23 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	23.330	23.328	35.335	24.094	381.51	.019	1530.81	4.426	.357	10.07
20	23.665	23.661	35.726	24.292	362.99	.057	1532.24	5.297	.239	20.14
30	23.685	23.679	35.781	24.327	360.00	.093	1532.52	5.253	.224	30.20
50	23.608	23.597	35.823	24.382	355.55	.165	1532.71	5.351	.217	50.34
75	23.611	23.595	35.929	24.462	348.96	.254	1533.26	5.039	.214	75.52

Cruise: GULFCET 03 **Station:** 11-112
Date: 12-Nov-92 **Time:** 1148 **Lat:** 28 06.01 **Long:** 89 29.96
Depth: 1075 m **Wind Dir:** 221 ° **Wind Speed:** 8.4 m/s **Wave Dir:** 20.°
Barometer: 29.95 **Air Temp Dry:** 24.2 °C **Air Temp Wet:** 25.9 °C **Secchi Depth:** 25.0 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	24.797	24.795	36.001	24.161	375.06	.030	1535.15	2.881		10.07
20	24.800	24.796	35.987	24.150	376.55	.068	1535.31	4.024		20.14
30	24.787	24.780	35.990	24.157	376.31	.106	1535.45	4.103		30.20
50	24.488	24.477	36.102	24.332	360.43	.181	1535.19	5.561		50.34
75	20.596	20.582	36.492	25.742	227.01	.249	1526.02	4.417		75.52
100	18.626	18.608	36.469	26.241	180.28	.299	1520.92	3.606		100.69
125	17.278	17.257	36.309	26.454	160.80	.342	1517.24	3.710		125.88
150	16.201	16.177	36.164	26.597	147.77	.380	1514.25	3.883		151.06
200	14.502	14.472	35.890	26.768	132.65	.451	1509.46	3.664		201.44
250	13.021	12.986	35.652	26.895	121.57	.514	1505.19	3.554		251.83
300	11.643	11.604	35.436	26.997	112.54	.573	1501.10	3.512		302.23
400	9.660	9.614	35.160	27.135	100.47	.681	1495.44	3.422		403.07
500	8.225	8.172	34.991	27.233	91.87	.777	1491.60	3.295		503.96
600	7.057	6.999	34.908	27.339	82.28	.865	1488.71	3.421		604.90
700	6.264	6.199	34.885	27.428	74.26	.944	1487.25	3.682		705.89
800	5.648	5.577	34.894	27.514	66.57	1.016	1486.48	4.013		806.92
900	5.217	5.140	34.910	27.578	60.97	1.079	1486.44	4.317		908.01

Cruise: GULFCET 03 **Station:** 12-117
Date: 11-Nov-92 **Time:** 0752 **Lat:** 27 46.22 **Long:** 88 50.09
Depth: 1611 m **Wind Dir:** 134 ° **Wind Speed:** 9.8 m/s **Wave Dir:** °
Barometer: 30.11 **Air Temp Dry:** 24 °C **Air Temp Wet:** 23 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	24.624	24.622								10.07
20	24.629	24.625								20.14
30	24.640	24.634								30.20
50	24.697	24.686								50.34
75	22.837	22.822	36.591	25.189	279.70	.675	1532.03			75.52
100	18.445	18.428	36.473	26.290	175.62	.737	1520.41			100.69
125	17.126	17.105	36.300	26.483	157.96	.778	1516.77			125.88
150	16.277	16.253	36.180	26.592	148.29	.817	1514.50			151.06
200	14.704	14.673	35.929	26.755	134.02	.888	1510.15			201.44
250	13.060	13.025	35.664	26.896	121.47	.952	1505.33			251.83
300	11.401	11.363	35.397	27.012	110.97	1.010	1500.23			302.23
400	9.578	9.532	35.133	27.128	101.08	1.116	1495.10			403.07
500	8.102	8.050	34.961	27.228	92.19	1.214	1491.10			503.96
600	7.061	7.003	34.895	27.327	83.33	1.301	1488.71			604.90
700	6.220	6.155	34.884	27.433	73.76	1.381	1487.07			705.89
800	5.663	5.593	34.895	27.512	66.75	1.451	1486.54			806.92
900	5.173	5.097	34.911	27.585	60.27	1.515	1486.26			908.01

Cruise: GULFCET 03 **Station:** 12-119
Date: 11-Nov-92 **Time:** 1530 **Lat:** 28 26.07 **Long:** 88 50.03
Depth: 1203 m **Wind Dir:** 118 ° **Wind Speed:** 8.8 m/s **Wave Dir:** °
Barometer: 30.01 **Air Temp Dry:** 23.0 °C **Air Temp Wet:** 22.2 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	24.000	23.998	35.818	24.263	365.40	.052	1533.01	5.296		10.07
20	23.972	23.968	35.814	24.268	365.28	.089	1533.10	5.335		20.14
30	23.846	23.840	35.789	24.286	363.91	.125	1532.93	5.409		30.20
50	23.648	23.637	35.746	24.312	362.22	.198	1532.73	5.375		50.34
75	21.151	21.136	36.520	25.612	239.43	.272	1527.54	4.629		75.52
100	19.286	19.268	36.505	26.100	193.82	.327	1522.84	3.813		100.69
125	17.478	17.457	36.344	26.432	162.91	.371	1517.87	3.365		125.88
150	16.265	16.241	36.179	26.594	148.08	.410	1514.46	3.574		151.06
200	14.499	14.469	35.895	26.773	132.25	.481	1509.46	3.558		201.44
250	13.264	13.228	35.695	26.878	123.22	.545	1506.04	3.383		251.83
300	12.026	11.986	35.491	26.966	115.65	.605	1502.48	3.339		302.23
400	10.229	10.181	35.220	27.084	105.65	.717	1497.55	3.228		403.07
500	8.547	8.493	35.011	27.199	95.42	.818	1492.83	3.156		503.96
600	7.306	7.246	34.917	27.311	85.23	.910	1489.68	3.325		604.90
700	6.420	6.355	34.885	27.407	76.43	.992	1487.86	3.555		705.89
800	5.680	5.609	34.893	27.508	67.12	1.063	1486.61	3.977		806.92
900	5.439	5.361	34.903	27.546	64.42	1.130	1487.33	4.135		908.01
1000	5.203	5.117	34.911	27.581	61.81	1.193	1488.06	4.170		1009.14

Cruise: GULFCET 03 **Station:** 12-125
Date: 11-Nov-92 **Time:** 2346 **Lat:** 29 06.92 **Long:** 88 49.69
Depth: 89 m **Wind Dir:** 181.1° **Wind Speed:** 3.8 m/s **Wave Dir:** 49.°
Barometer: 29.98 **Air Temp Dry:** 22.8 °C **Air Temp Wet:** 22.1 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	23.142	23.139	35.351	24.160	375.14	.049	1530.35	3.868	.441	10.07
20	23.471	23.467	35.733	24.355	357.03	.086	1531.76	5.284	.362	20.14
30	23.494	23.488	35.754	24.363	356.57	.122	1532.01	5.294	.327	30.20
50	23.475	23.465	35.760	24.374	356.37	.194	1532.31	5.304	.296	50.34
75	23.136	23.120	35.809	24.510	344.37	.290	1531.93	4.693	.371	75.52
75	23.162	23.146	35.792	24.489	346.32	.283	1531.98	4.719	.381	75.52

Cruise: GULFCET 03 **Station:** 13-126
Date: 10-Nov-92 **Time:** 0936 **Lat:** 26 16.29 **Long:** 88 10.23
Depth: 95 m **Wind Dir:** 92 ° **Wind Speed:** 10.90 . m/s **Wave Dir:** °
Barometer: 30.27 **Air Temp Dry:** 22.01°C **Air Temp Wet:** 20.51 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	23.358	23.356	35.686	24.351	356.94	.007	1531.26			10.07
30	23.355	23.349	35.679	24.347	358.12	.026	1531.58			30.20
75	22.660	22.644	36.546	25.206	278.04	.024	1531.52			75.52

Cruise: GULFCET 03 **Station:** 13-133
Date: 10-Nov-92 **Time:** 1604 **Lat:** 28 45.52 **Long:** 88 09.88
Depth: 1850 m **Wind Dir:** 90 ° **Wind Speed:** 12. m/s **Wave Dir:** °
Barometer: 30.17 **Air Temp Dry:** 23.8 °C **Air Temp Wet:** 22.5 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	24.959	24.957	36.003	24.114	379.62	.017	1535.54			10.07
20	24.965	24.961	36.195	24.257	366.37	.054	1535.93			20.14
30	24.967	24.961	36.229	24.282	364.38	.091	1536.15			30.20
50	24.945	24.934	36.219	24.282	365.20	.165	1536.42			50.34
75	20.579	20.564	36.319	25.614	239.12	.237	1525.78			75.52
100	19.105	19.087	36.505	26.146	189.41	.291	1522.33			100.69
125	17.783	17.762	36.386	26.389	167.03	.336	1518.81			125.88
150	16.770	16.745	36.252	26.532	154.11	.376	1516.07			151.06
200	15.167	15.136	36.000	26.707	138.68	.450	1511.69			201.44
250	13.891	13.855	35.798	26.827	128.27	.517	1508.22			251.83
300	12.469	12.428	35.564	26.936	118.68	.580	1504.07			302.23
400	10.258	10.210	35.224	27.083	105.81	.692	1497.66			403.07
500	8.921	8.865	35.055	27.175	98.06	.795	1494.27			503.96
600	7.721	7.660	34.945	27.272	89.34	.889	1491.30			604.90
700	6.631	6.564	34.882	27.377	79.63	.975	1488.68			705.89
800	5.911	5.839	34.884	27.473	70.88	1.051	1487.52			806.92
900	5.375	5.296	34.902	27.554	63.58	1.118	1487.06			908.01

Cruise: GULFCET 03 **Station:** 14-135
Date: 11-Nov-92 **Time:** 1345 **Lat:** 28 30.86 **Long:** 87 30.38
Depth: 2000 m **Wind Dir:** 74.9 ° **Wind Speed:** 10. m/s **Wave Dir:**
Barometer: 30.20 **Air Temp Dry:** 22.8 °C **Air Temp Wet:** 20.0 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	24.977	24.975	35.995	24.103	380.67	.031	1535.58	4.861		10.07
20	24.992	24.988	36.002	24.103	381.04	.069	1535.79	4.868		20.14
30	24.993	24.986	36.002	24.103	381.47	.107	1535.96	4.901		30.20
50	25.108	25.097	36.064	24.115	381.13	.184	1536.64	4.953		50.34
75	21.208	21.193	36.375	25.486	251.38	.262	1527.54	4.514		75.52
100	19.447	19.428	36.480	26.038	199.64	.318	1523.26	3.452		100.69
125	18.133	18.112	36.393	26.308	174.80	.365	1519.84	3.151		125.88
150	16.981	16.956	36.274	26.498	157.36	.407	1516.73	3.388		151.06
200	15.157	15.126	35.997	26.707	138.69	.481	1511.66	3.600		201.44
250	13.716	13.680	35.757	26.833	127.73	.548	1507.60	3.477		251.83
300	12.563	12.522	35.571	26.924	119.90	.610	1504.40	3.373		302.23
400	10.452	10.403	35.256	27.073	106.86	.724	1498.39	3.226		403.07
600	7.393	7.333	34.915	27.296	86.70	.073	1490.01	3.211		604.90
700	6.223	6.159	34.880	27.429	74.08	.154	1487.08	3.691		705.89
800	5.597	5.527	34.893	27.519	65.97	.224	1486.27	4.128		806.92
900	5.205	5.128	34.909	27.580	60.81	.288	1486.39	4.424		908.01

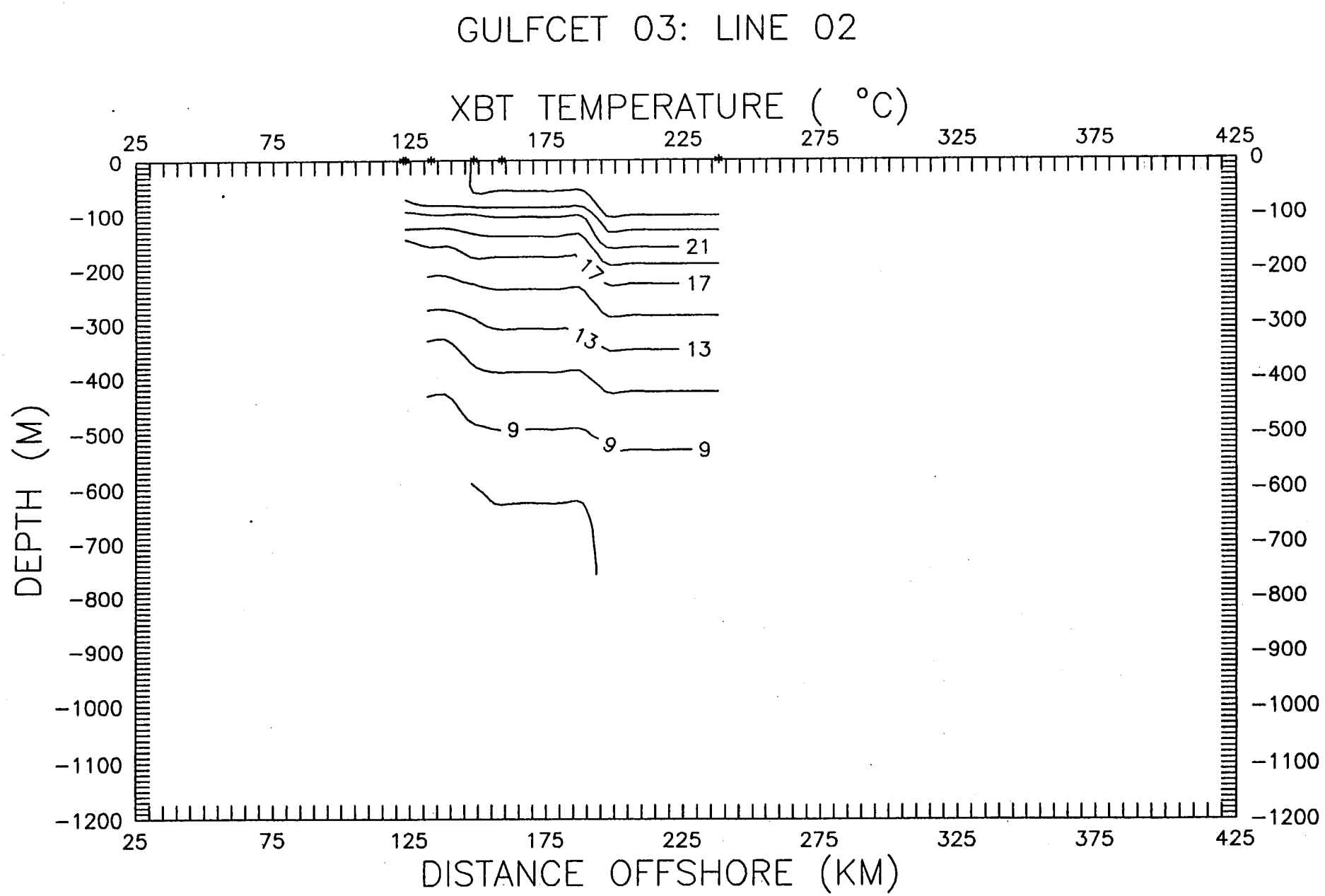
Cruise: GULFCET 03 **Station:** 14-136
Date: 11-Nov-92 **Time:** 1820 **Lat:** 28 45.96 **Long:** 87 30.02
Depth: 1600 m **Wind Dir:** 79 **Wind Speed:** 13.3 m/s **Wave Dir:**
Barometer: 30.25 **Air Temp Dry:** 20.9 °C **Air Temp Wet:** °C **Secchi Depth:**

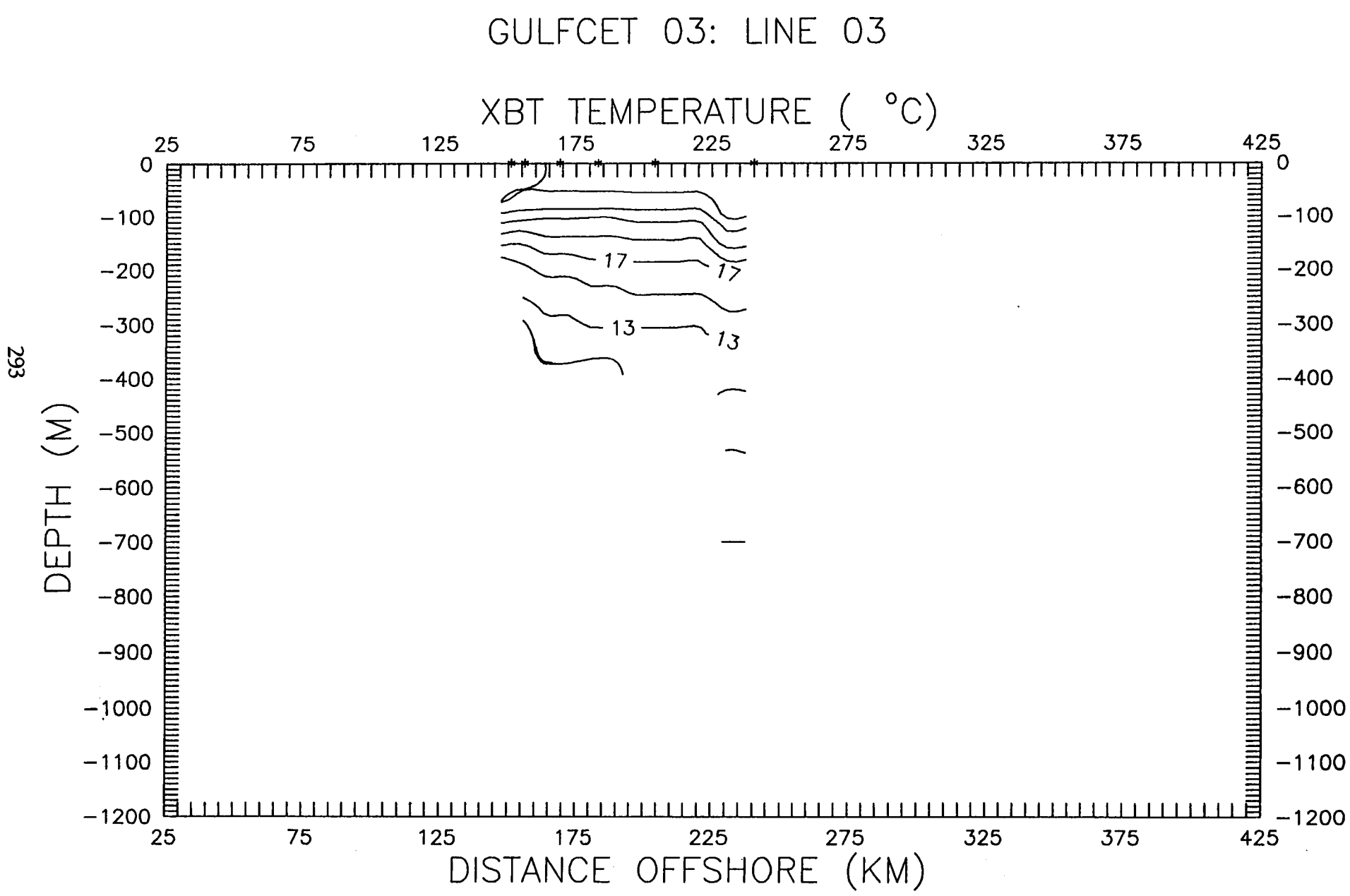
Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	24.580	24.577	36.041	24.258	365.87	.026	1534.67	5.003		10.07
20	24.579	24.574	36.040	24.257	366.34	.063	1534.83	5.056		20.14
30	24.593	24.586	36.040	24.253	387.11	.100	1535.04	5.164		30.20
50	24.372	24.361	36.125	24.384	355.47	.173	1534.93	5.080		50.34
75	20.947	20.933	36.633	25.754	225.90	.240	1527.12	3.959		75.52
100	19.551	19.533	36.619	26.117	192.20	.292	1523.71	3.666		100.69
125	18.238	18.216	36.472	26.341	171.61	.337	1520.23	3.725		125.88
150	17.349	17.323	36.351	26.469	160.22	.379	1517.91	3.811		151.06
200	15.913	15.881	36.120	26.631	146.13	.456	1514.15	3.677		201.44
250	14.632	14.594	35.906	26.752	135.70	.527	1510.72	3.462		251.83
400	10.956	10.906	35.339	27.048	109.66	.050	1500.27	3.071		403.07
500	9.152	9.095	35.078	27.156	100.10	.156	1495.15	2.990		503.96
600	7.974	7.911	34.953	27.241	92.60	.253	1492.27	3.049		604.90
700	6.850	6.783	34.890	27.353	82.17	.341	1489.55	3.296		705.89
800	5.726	5.655	34.893	27.503	67.71	.416	1486.79	3.867		806.92
900	5.245	5.167	34.909	27.574	61.37	.481	1486.55	4.230		908.01

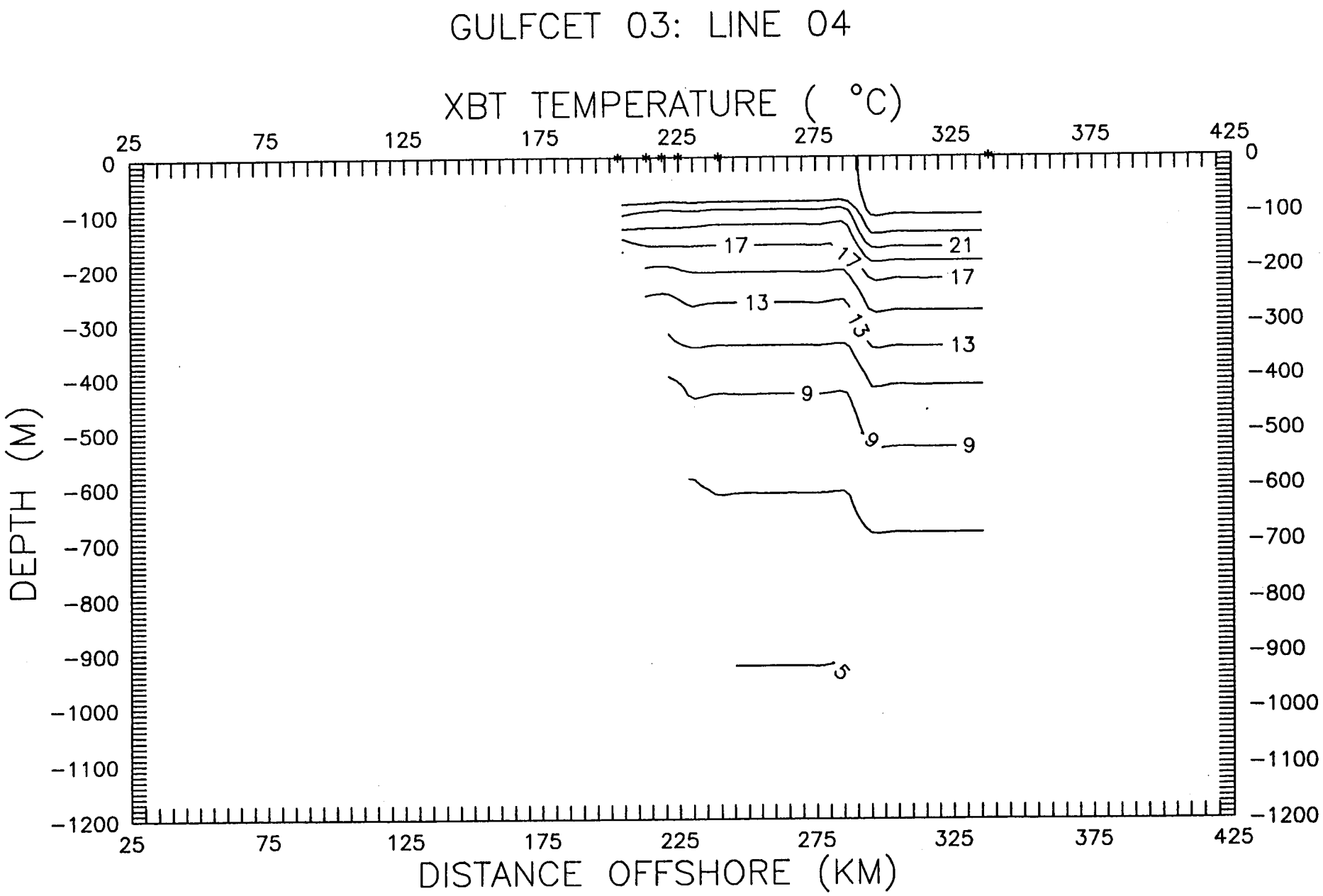
Cruise: GULFCET 03 **Station:** 14-143
Date: 10-Nov-92 **Time:** 0400 **Lat:** 29 26.99 **Long:** 87 30.15
Depth: 82 m **Wind Dir:** **Wind Speed:** m/s **Wave Dir:**
Barometer: **Air Temp Dry:** °C **Air Temp Wet:** °C **Secchi Depth:**

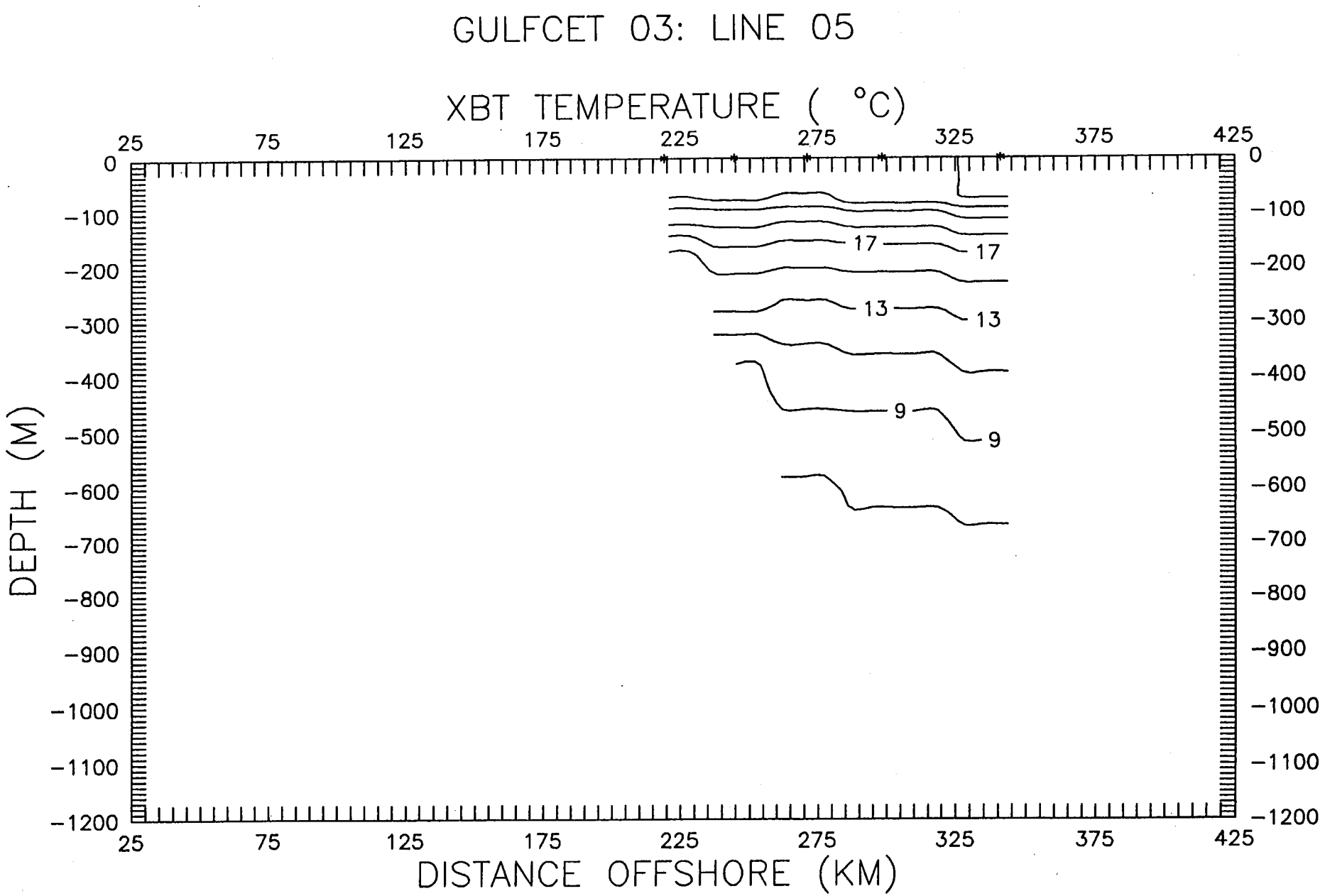
Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Dyn Ht	Sound V	Oxy.	Fluor.	Pressure
10	23.757	23.754	36.047	24.508	341.99	.003	1532.65	3.399		10.07
20	23.758	23.753	36.048	24.509	342.35	.038	1532.82	3.235		20.14
30	23.762	23.756	36.048	24.508	342.84	.072	1533.00	3.116		30.20
50	23.758	23.748	36.052	24.512	343.24	.014	1533.34	3.383		50.34

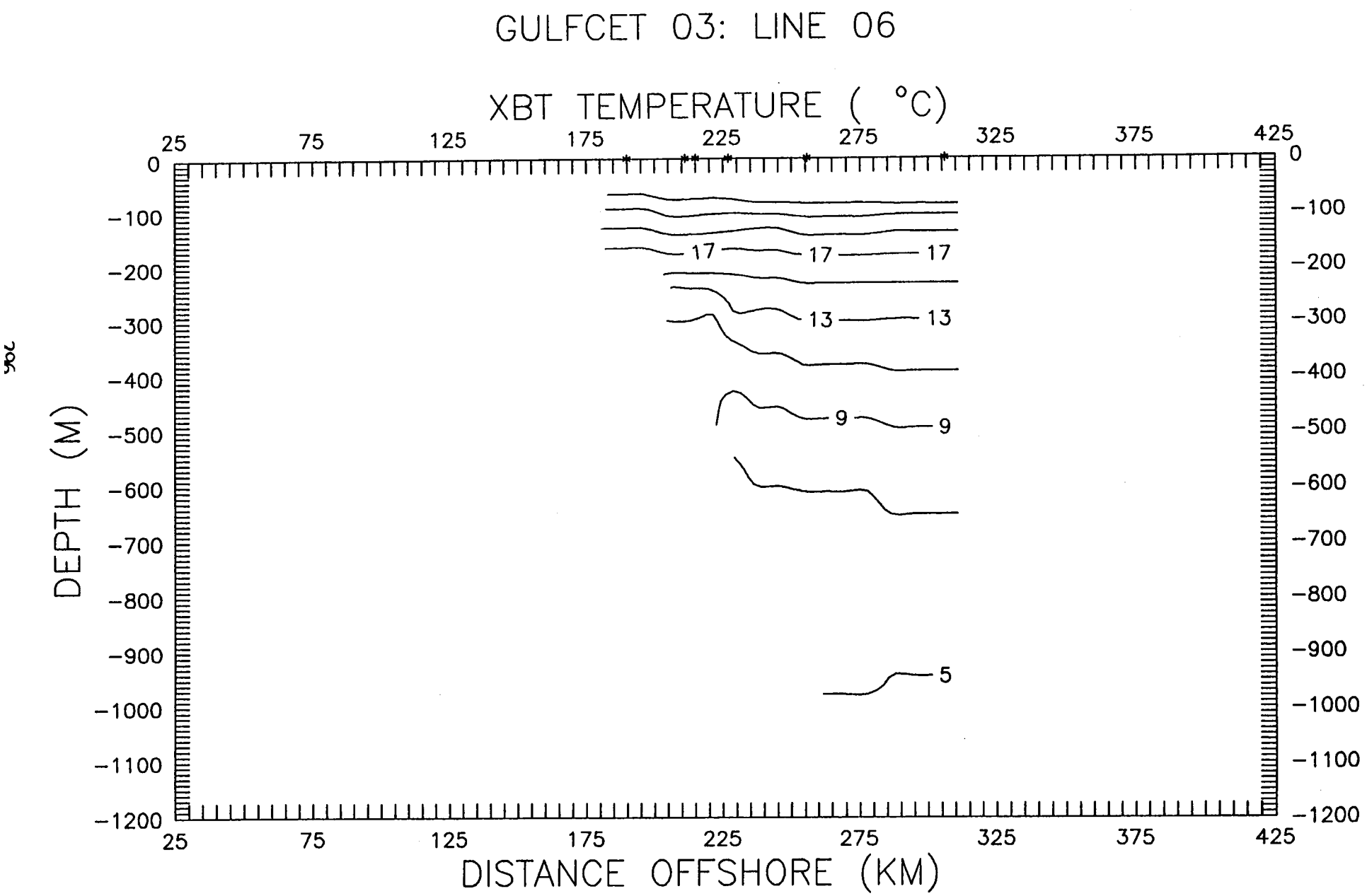
4.4 Analyzed Temperature Data

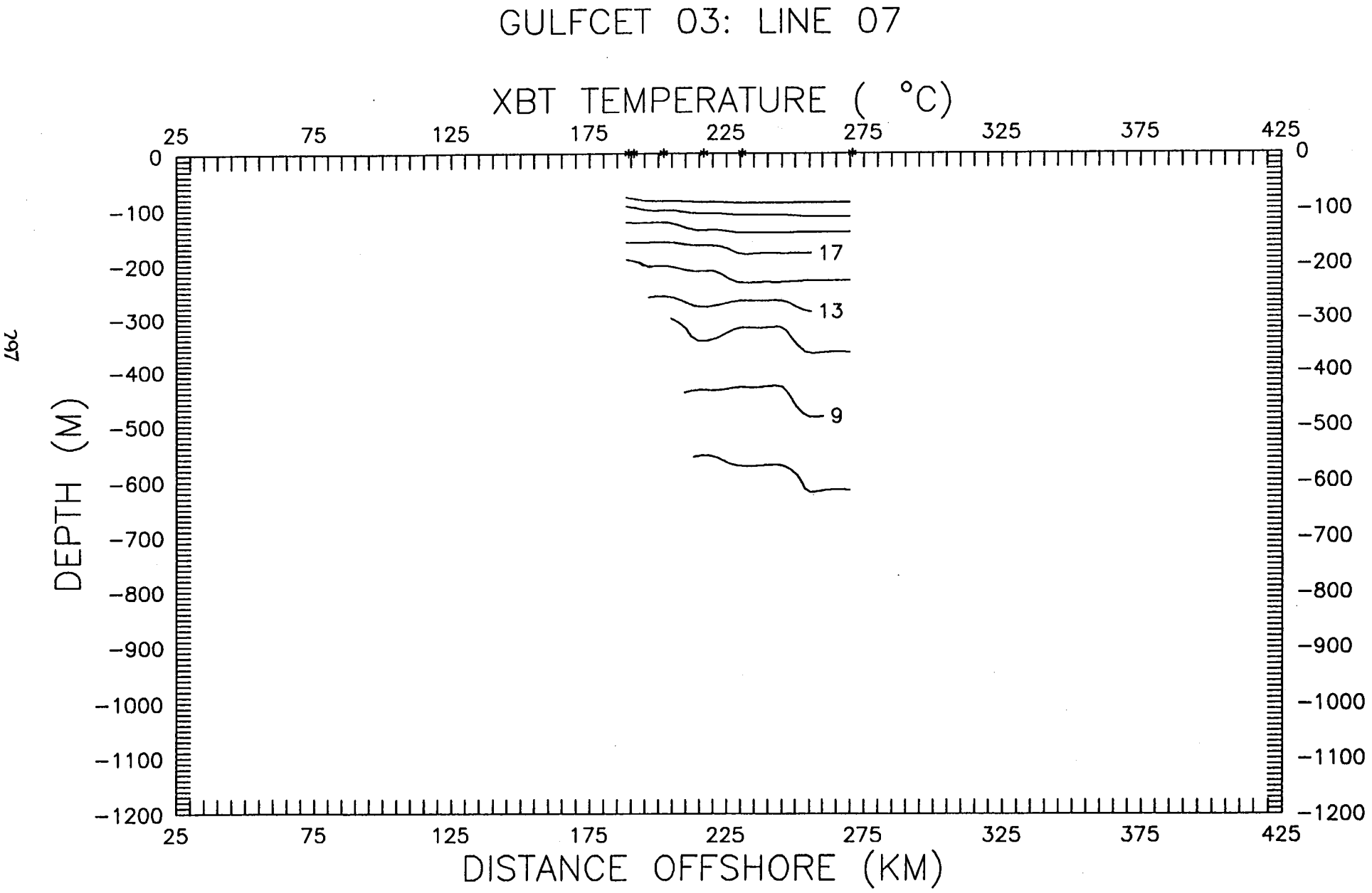

GULFCET 03: LINE 02
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
21
17
17
13
13
9
9
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

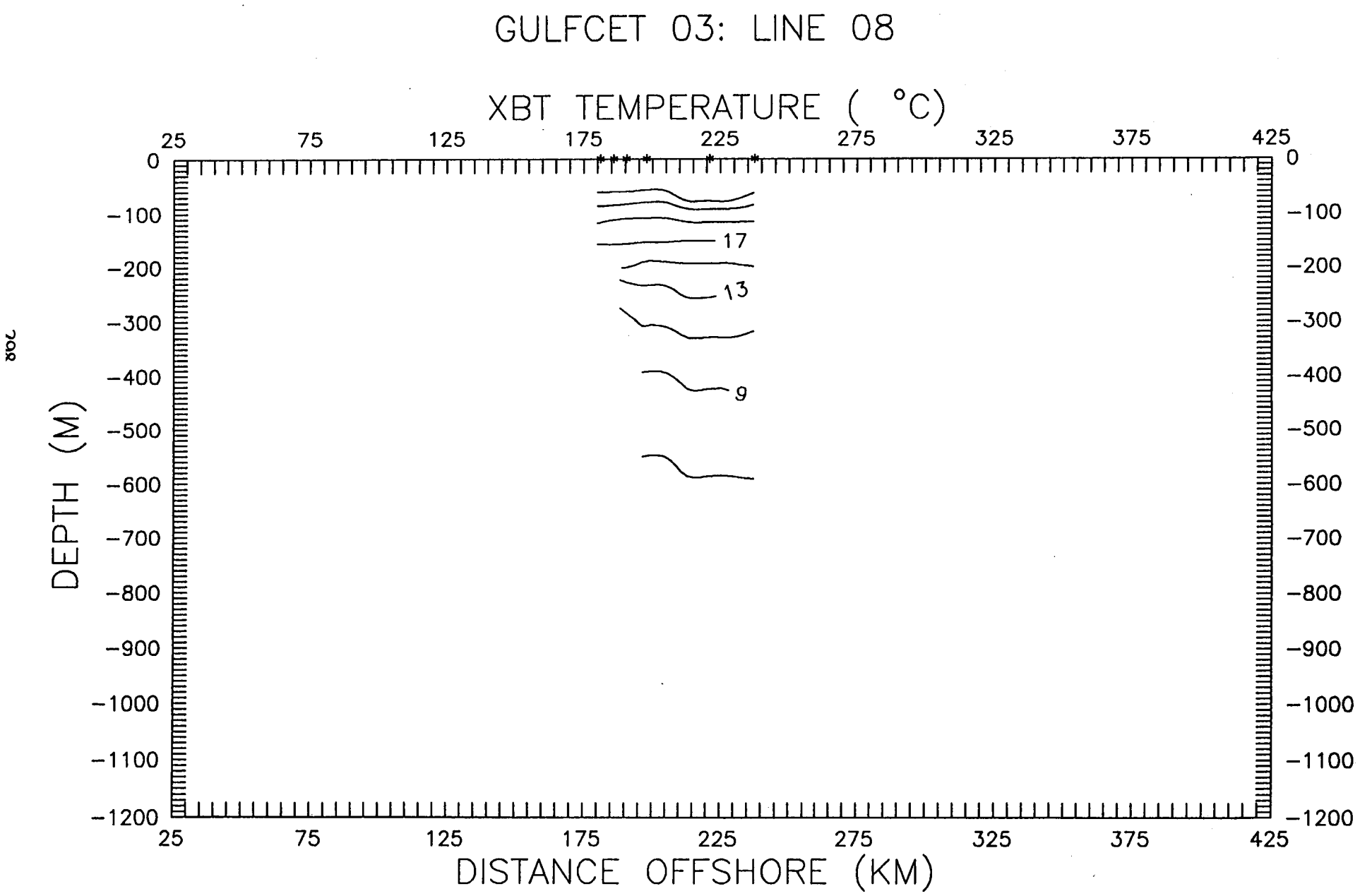

GULFCET 03: LINE 03
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
17
13
13
DEPTH (M)
DISTANCE OFFSHORE (KM)

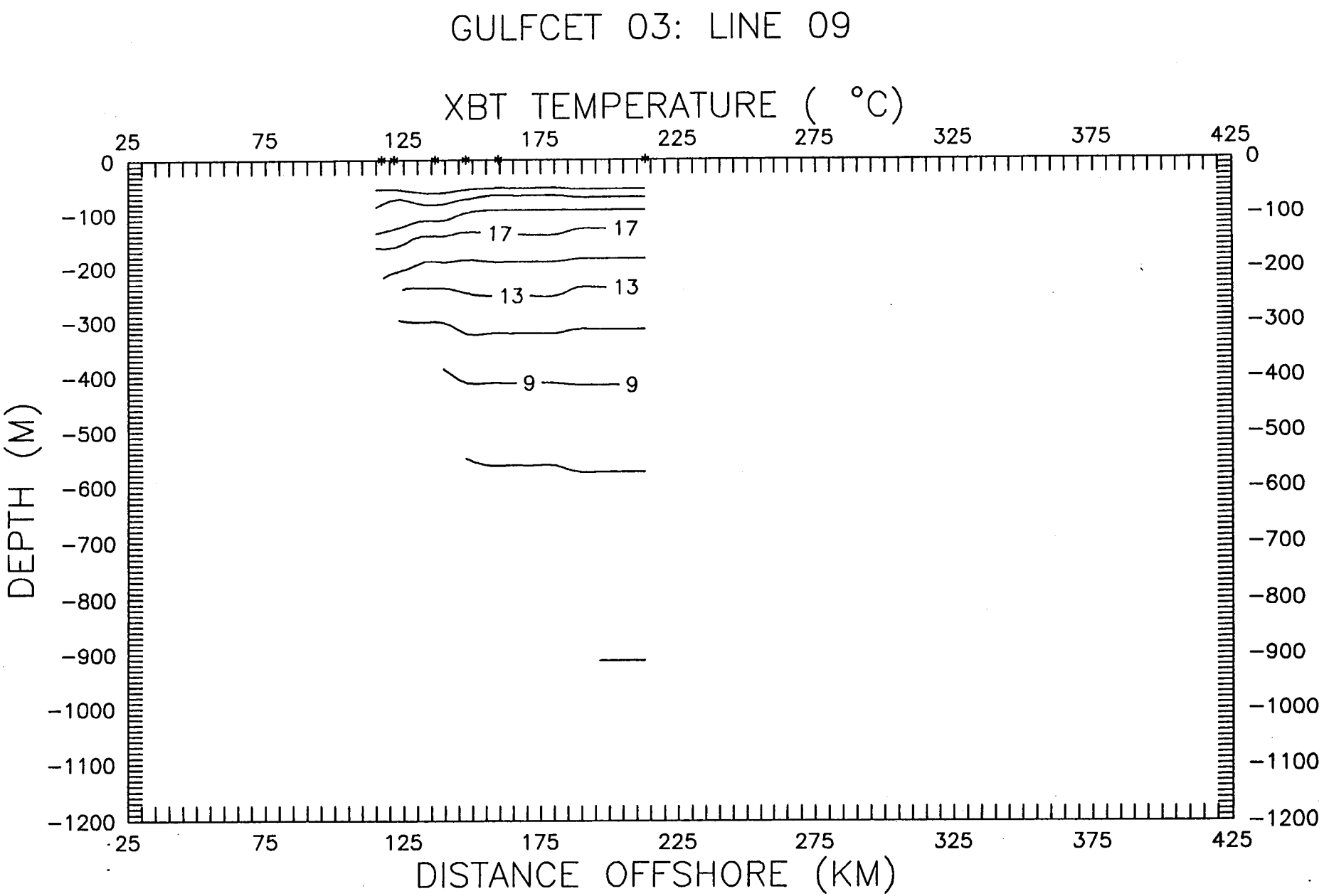

GULFCET 03: LINE 04
XBT TEMPERATURE (°C)
DEPTH (M)
DISTANCE OFFSHORE (KM)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
21
17
17
13
13
13
9
9
9
5

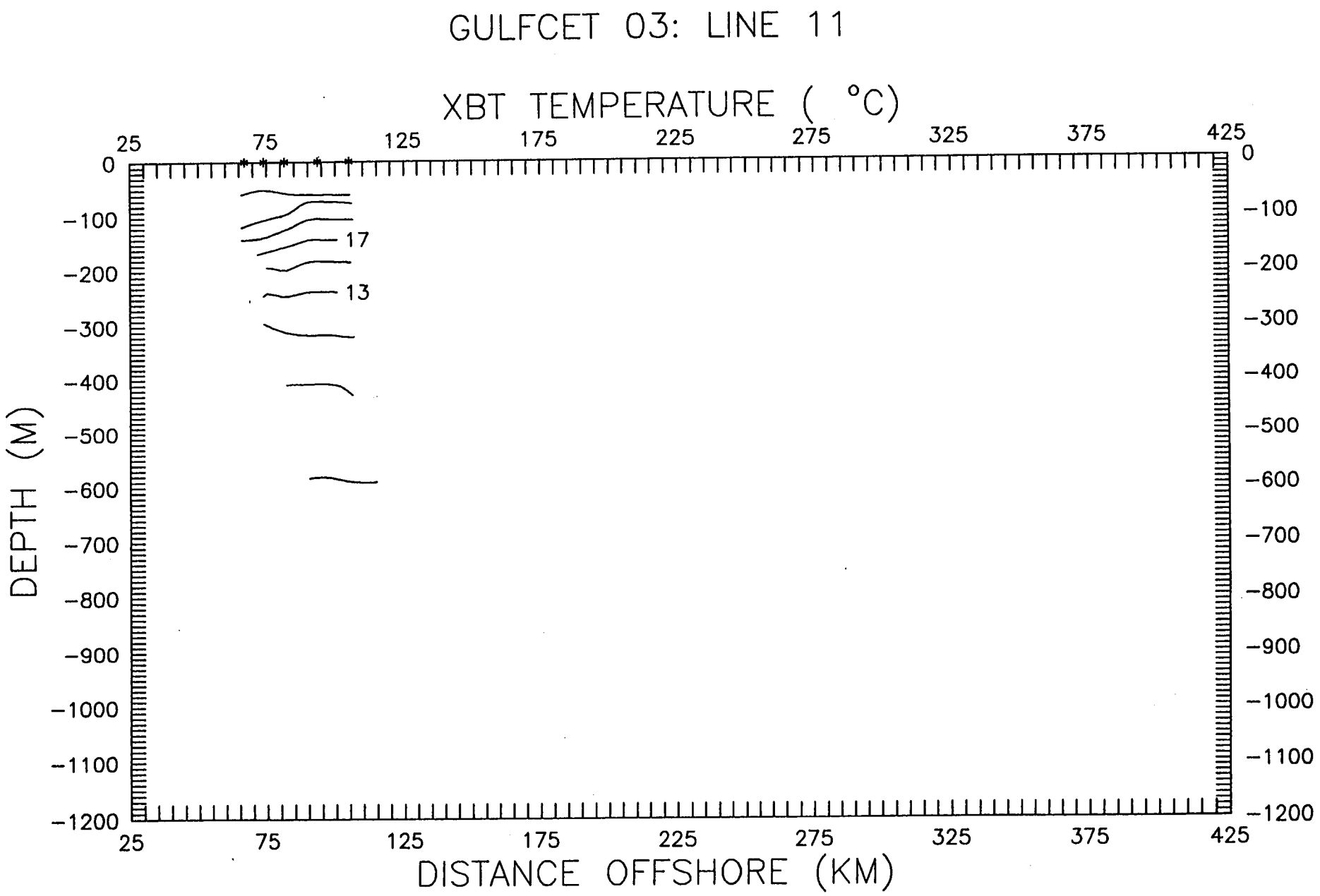

GULFCET 03: LINE 05
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
17
13
13
9
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

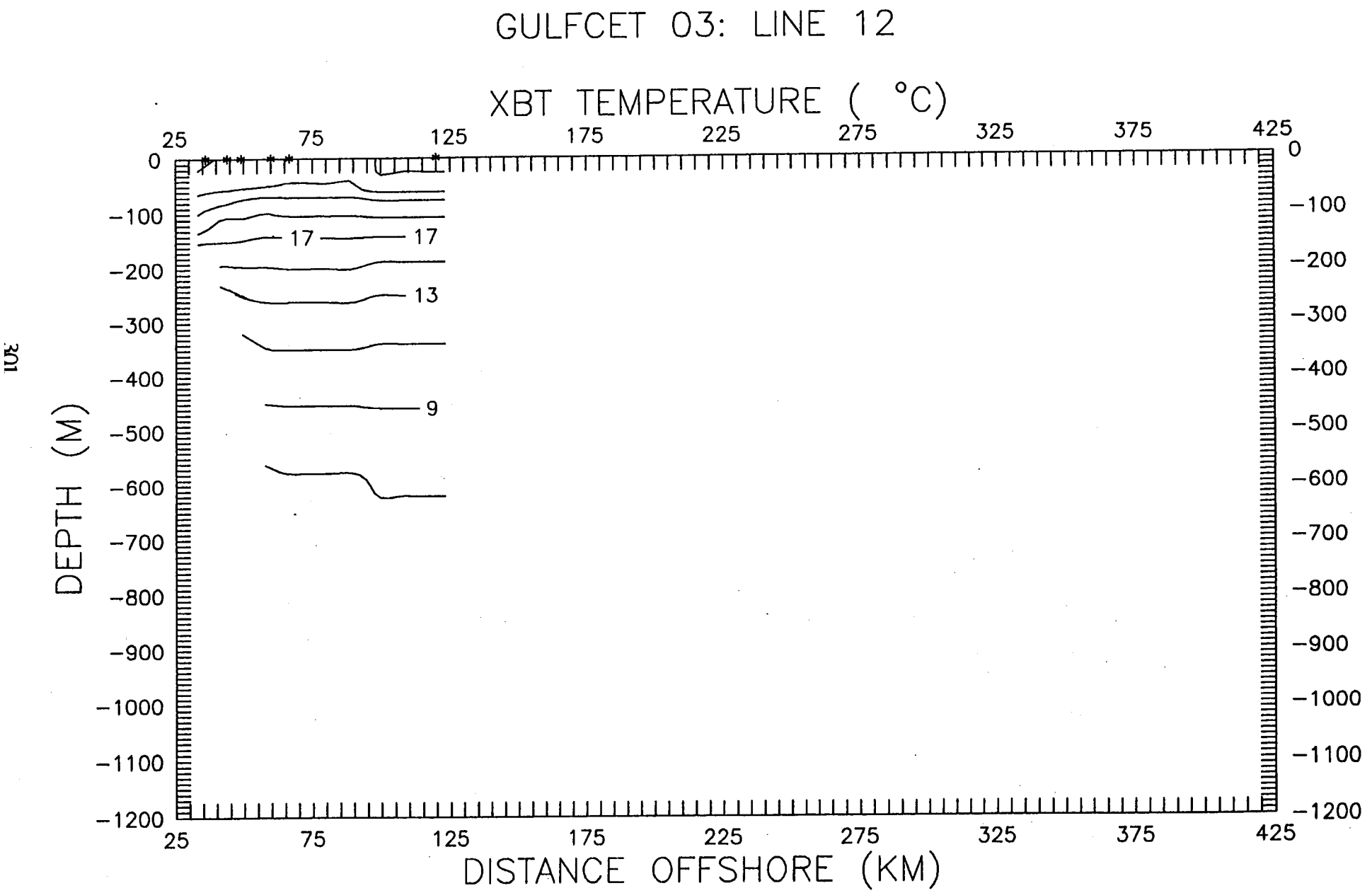

GULFCET 03: LINE 06
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
17
17
13
13
9
9
5
DEPTH (M)
DISTANCE OFFSHORE (KM)

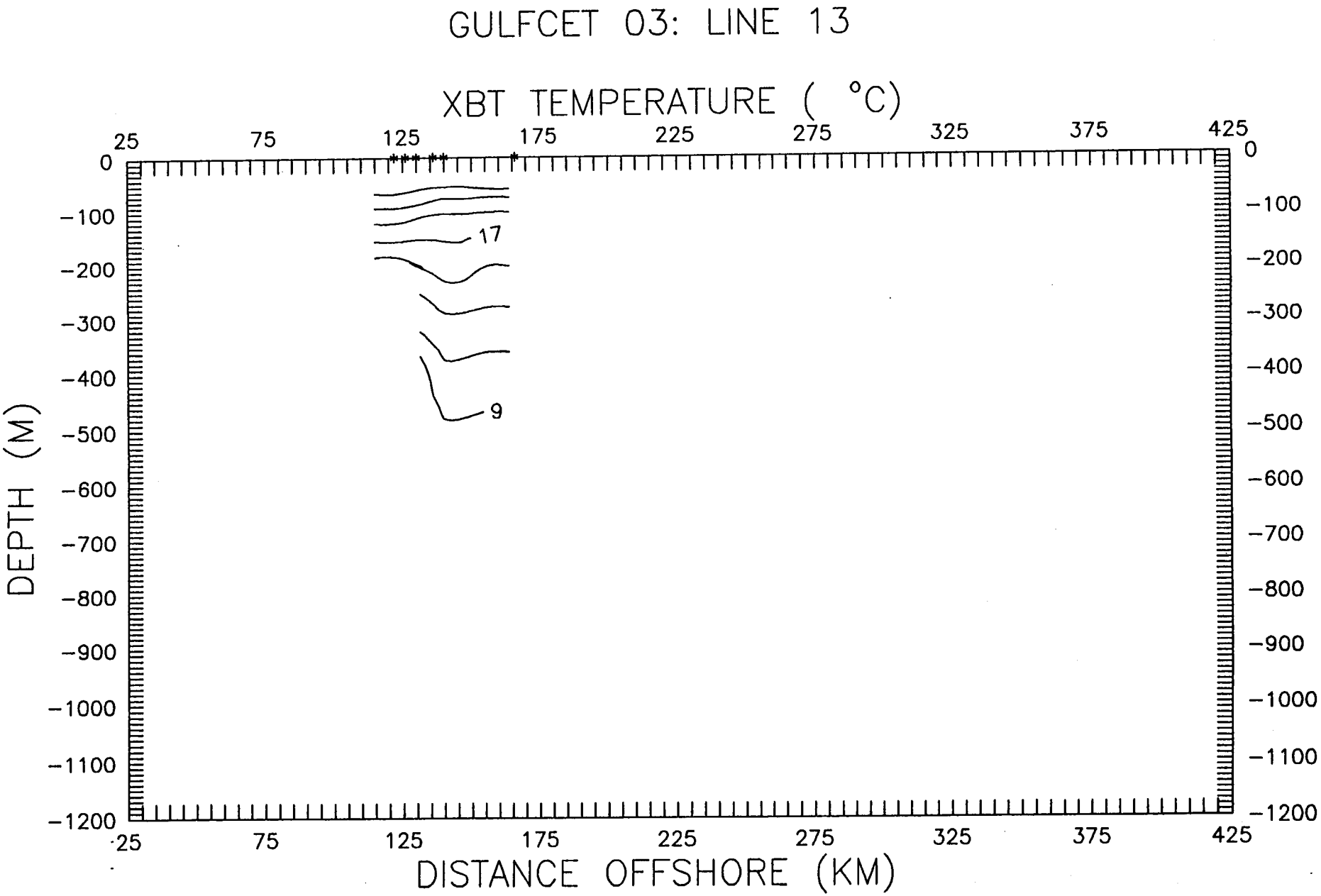

GULFCET 03: LINE 07
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
13
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

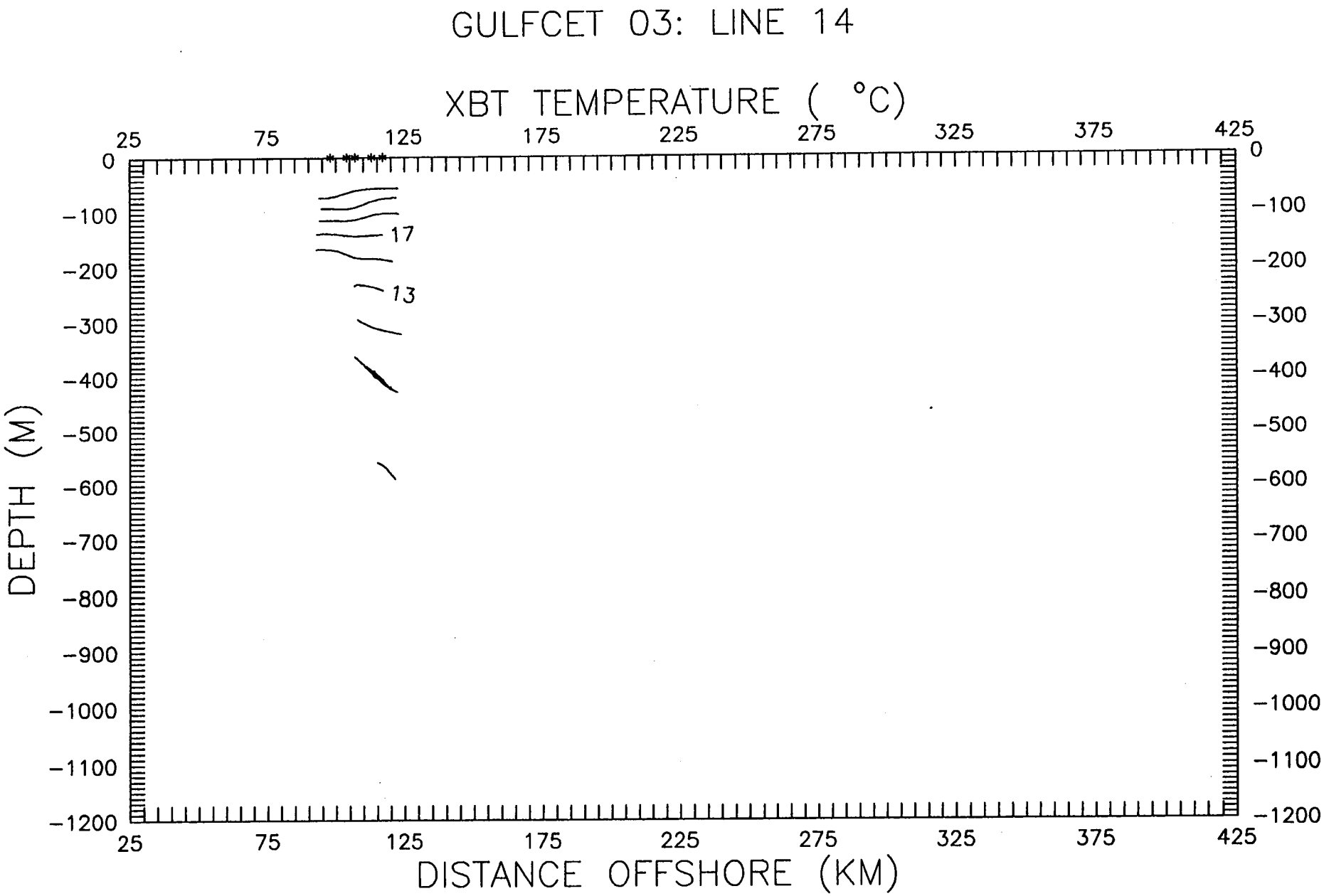

GULFCET 03: LINE 08
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
13
9
DEPTH (M)
DISTANCE OFFSHORE (KM)


GULFCET 03: LINE 09
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
17
13
13
9
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

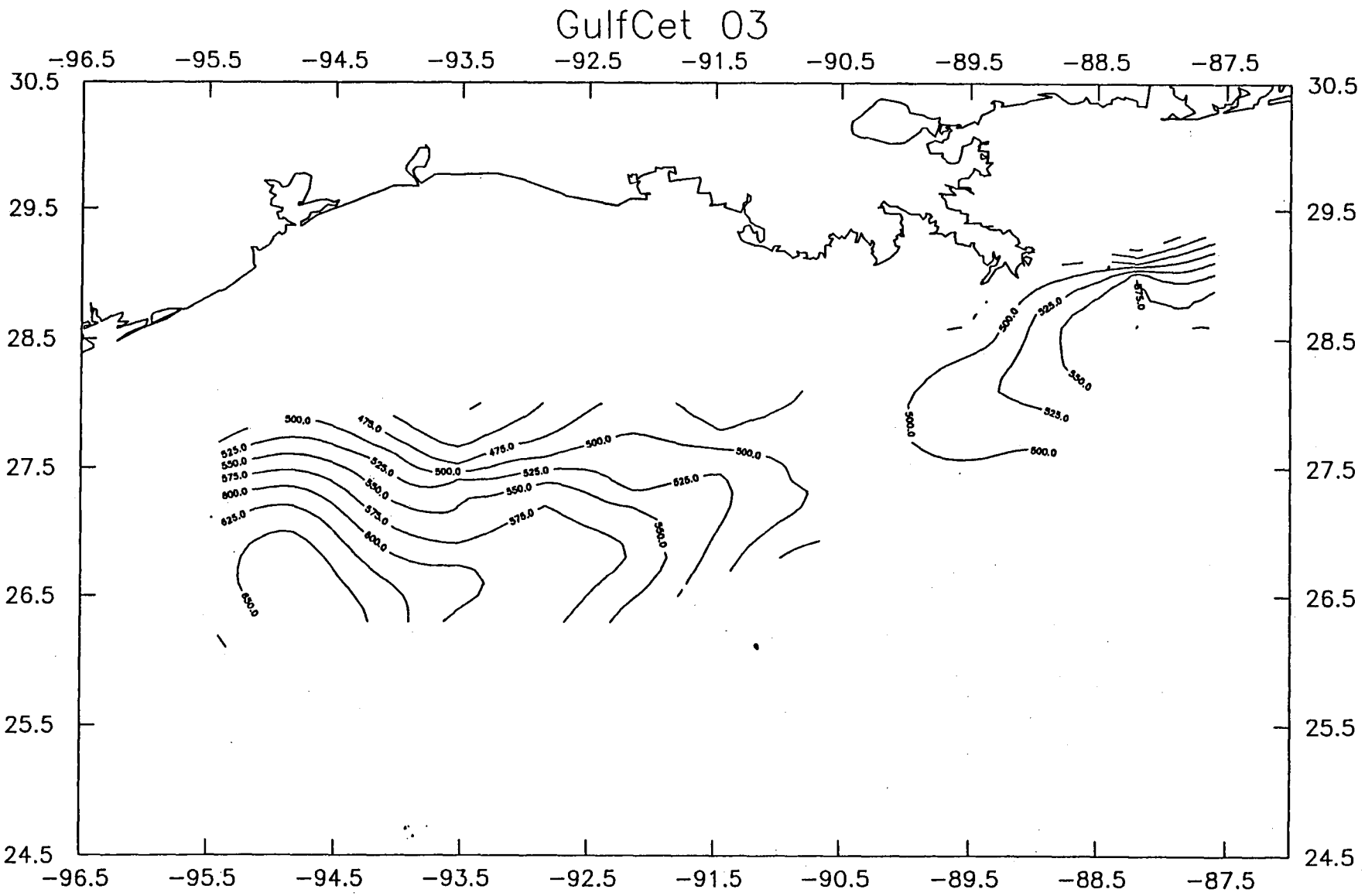

GULFCET 03: LINE 11
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
13
DEPTH (M)
DISTANCE OFFSHORE (KM)


GULFCET 03: LINE 12
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
17
13
9
DEPTH (M)
DISTANCE OFFSHORE (KM)


GULFCET 03: LINE 13
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

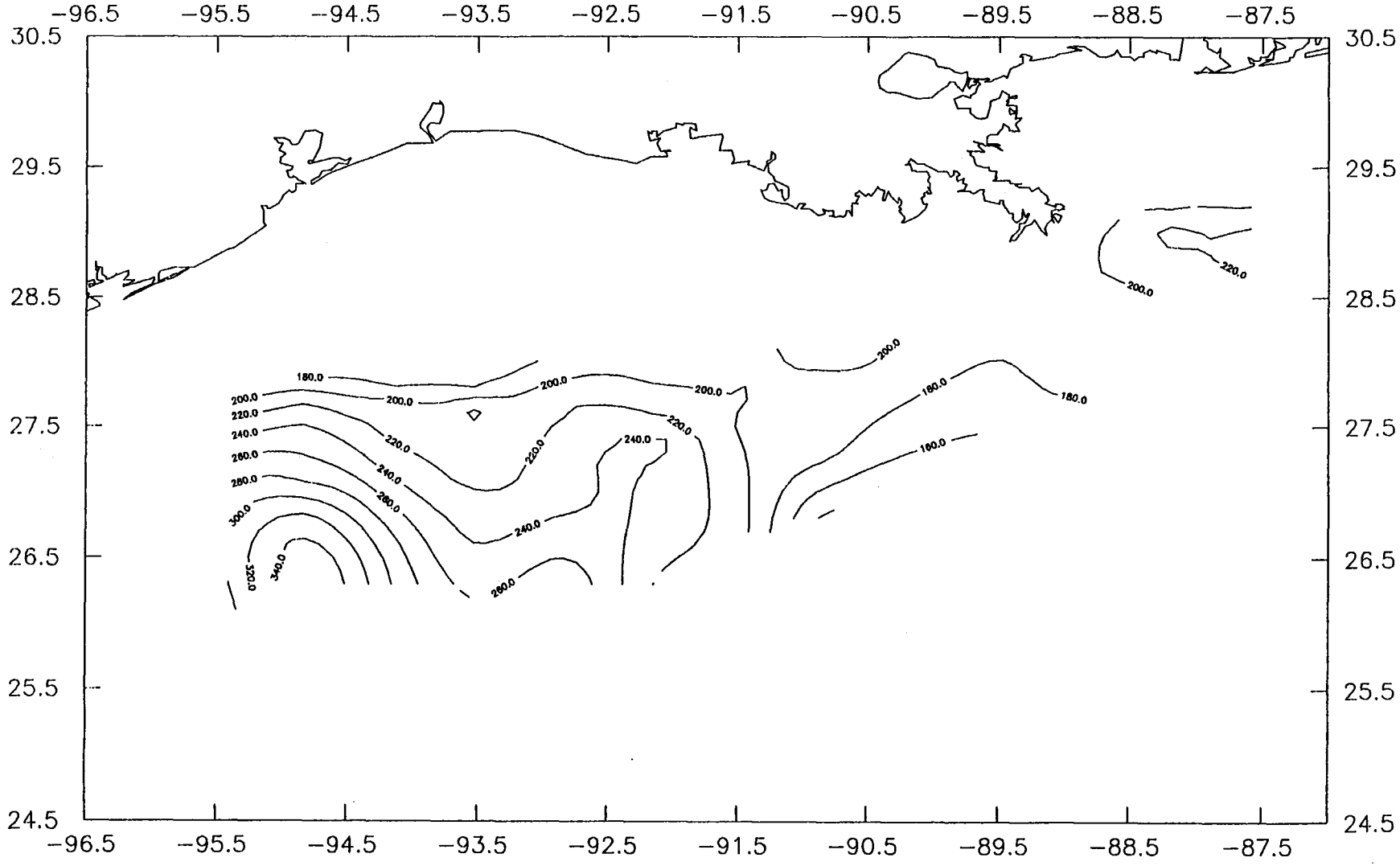

GULFCET 03: LINE 14
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
13
DEPTH (M)
DISTANCE OFFSHORE (KM)

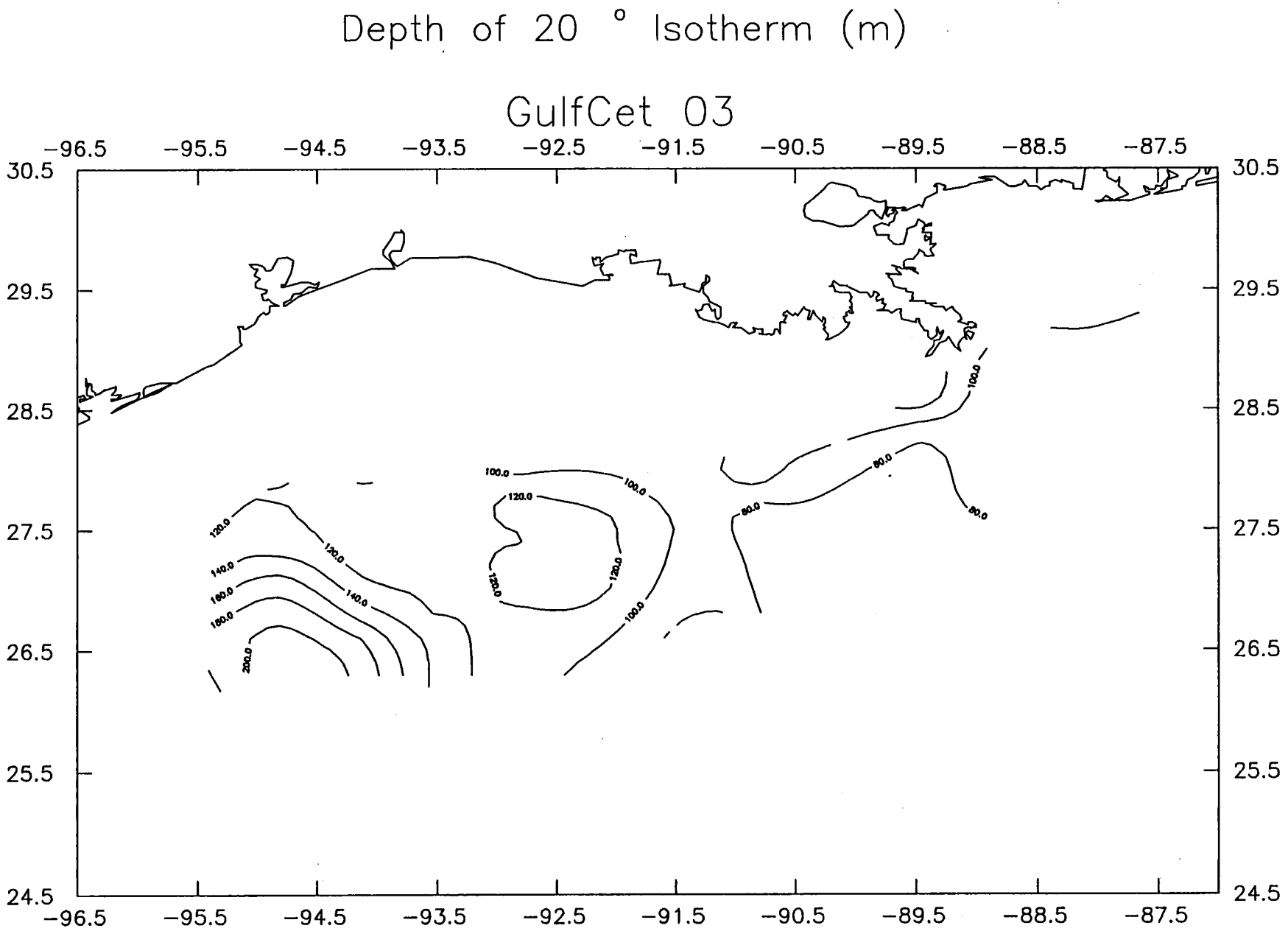
Depth of 8 °C Isotherm (m)



Depth of 15 ° Isotherm (m)

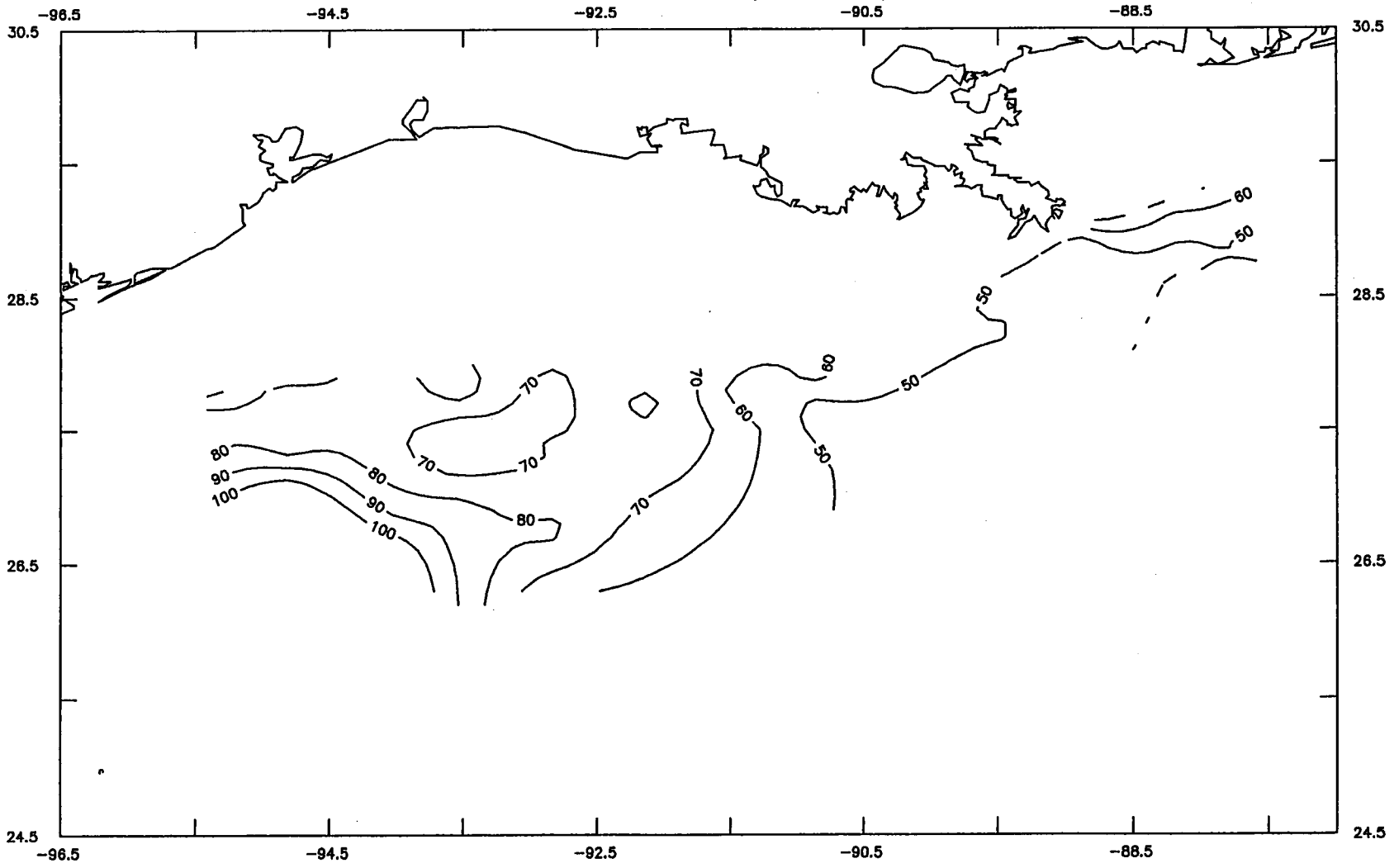
GulfCet 03



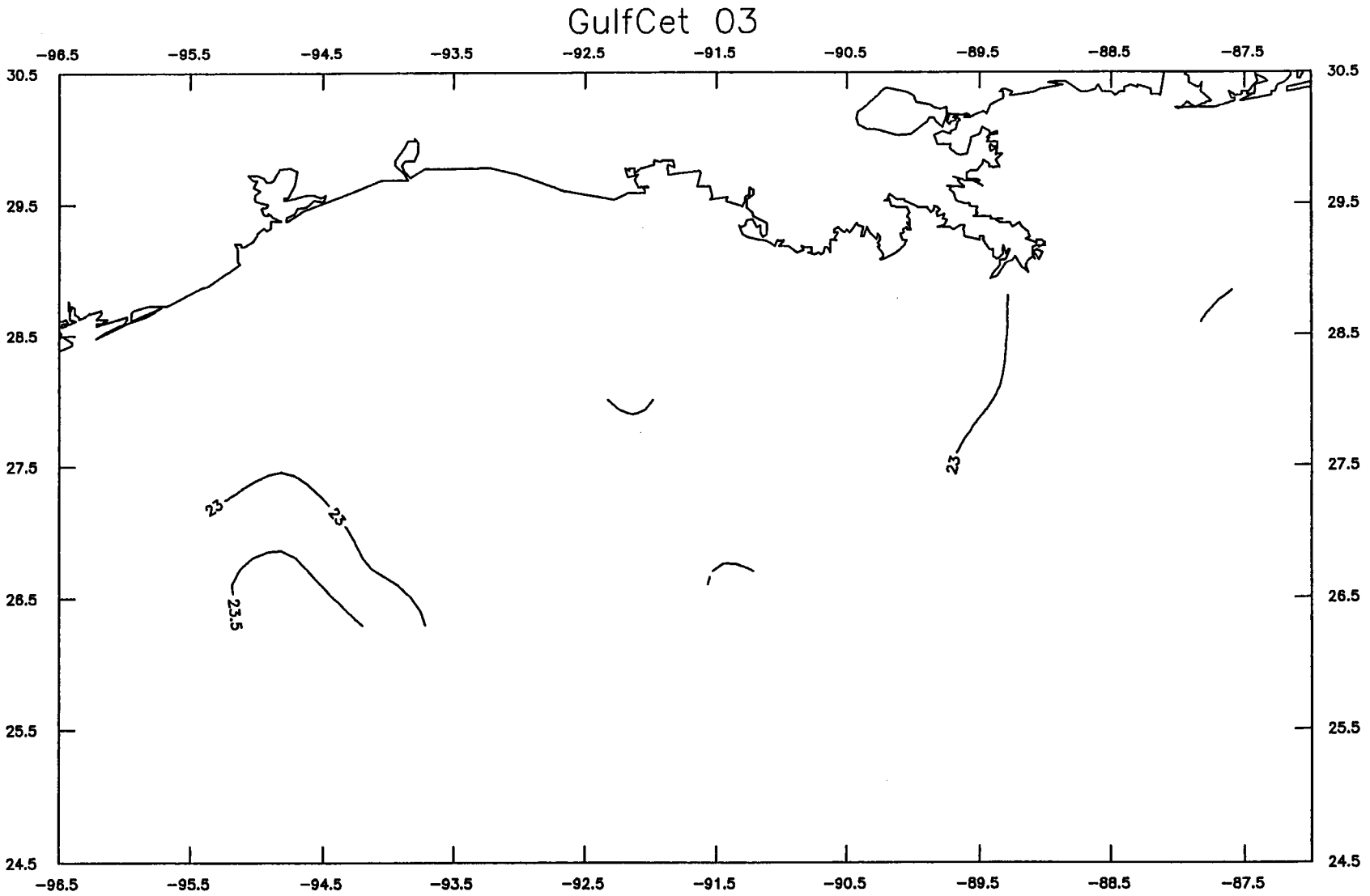

Depth of 20 ° Isotherm (m)
GulfCet 03
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
100.0
120.0
140.0
160.0
180.0
200.0
80.0

Mixed Layer Depth

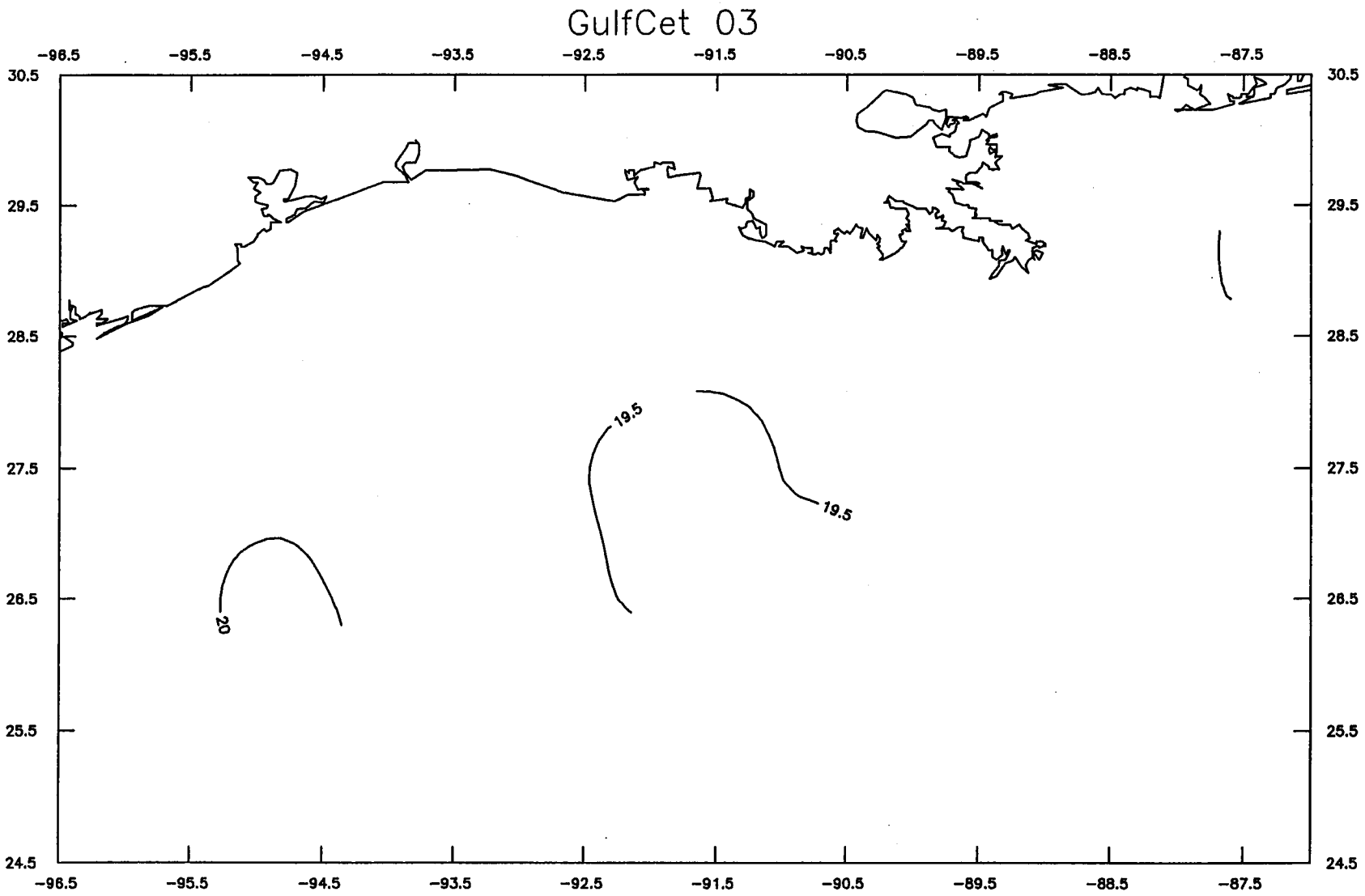
GulfCet 03 : 11/8–22/92

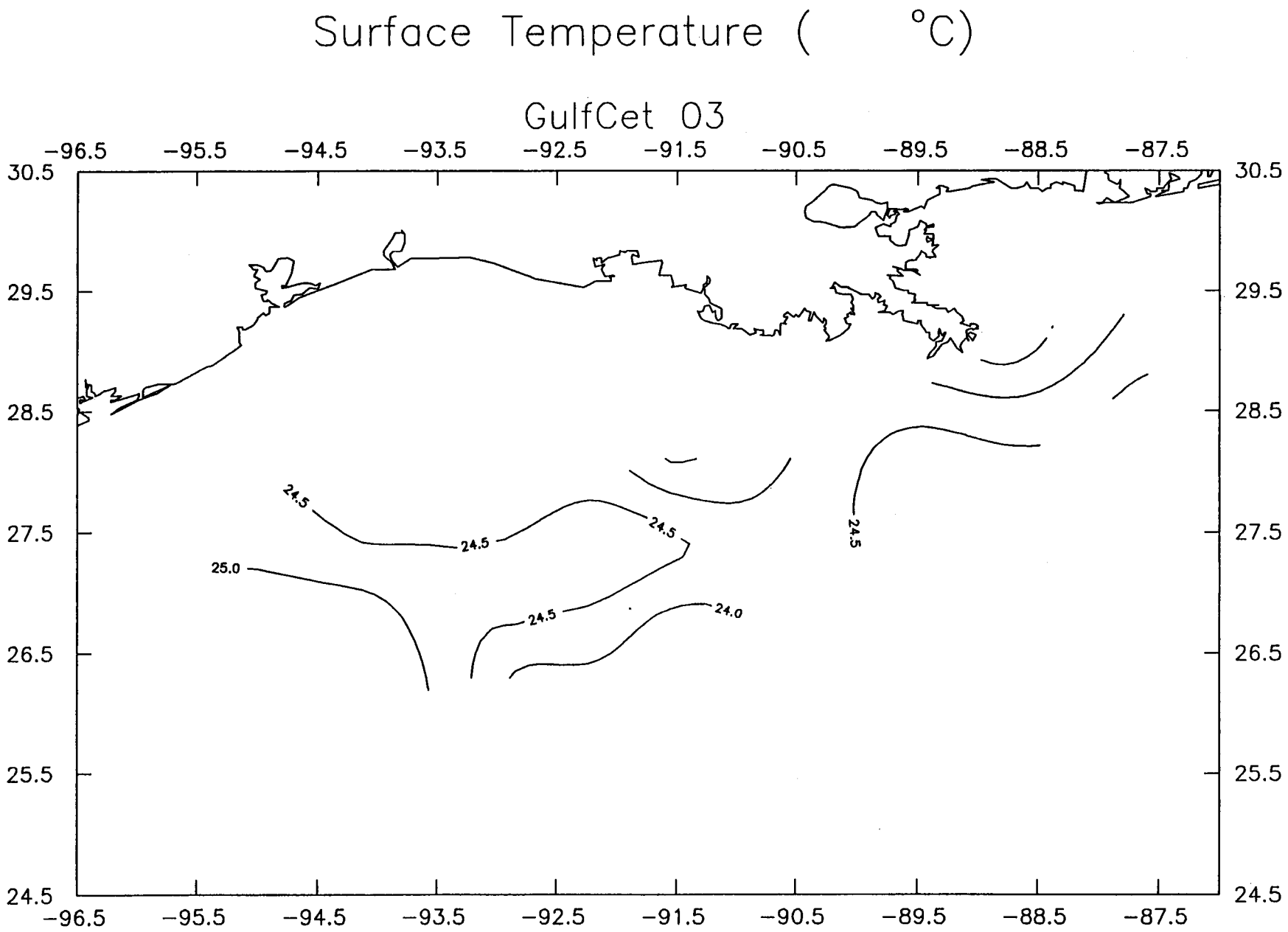


Temperature (°C) at Reference Density 25



Temperature (°C) at Reference Density 26




Surface Temperature (°C)
GulfCet 03
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
24.5
24.5
24.5
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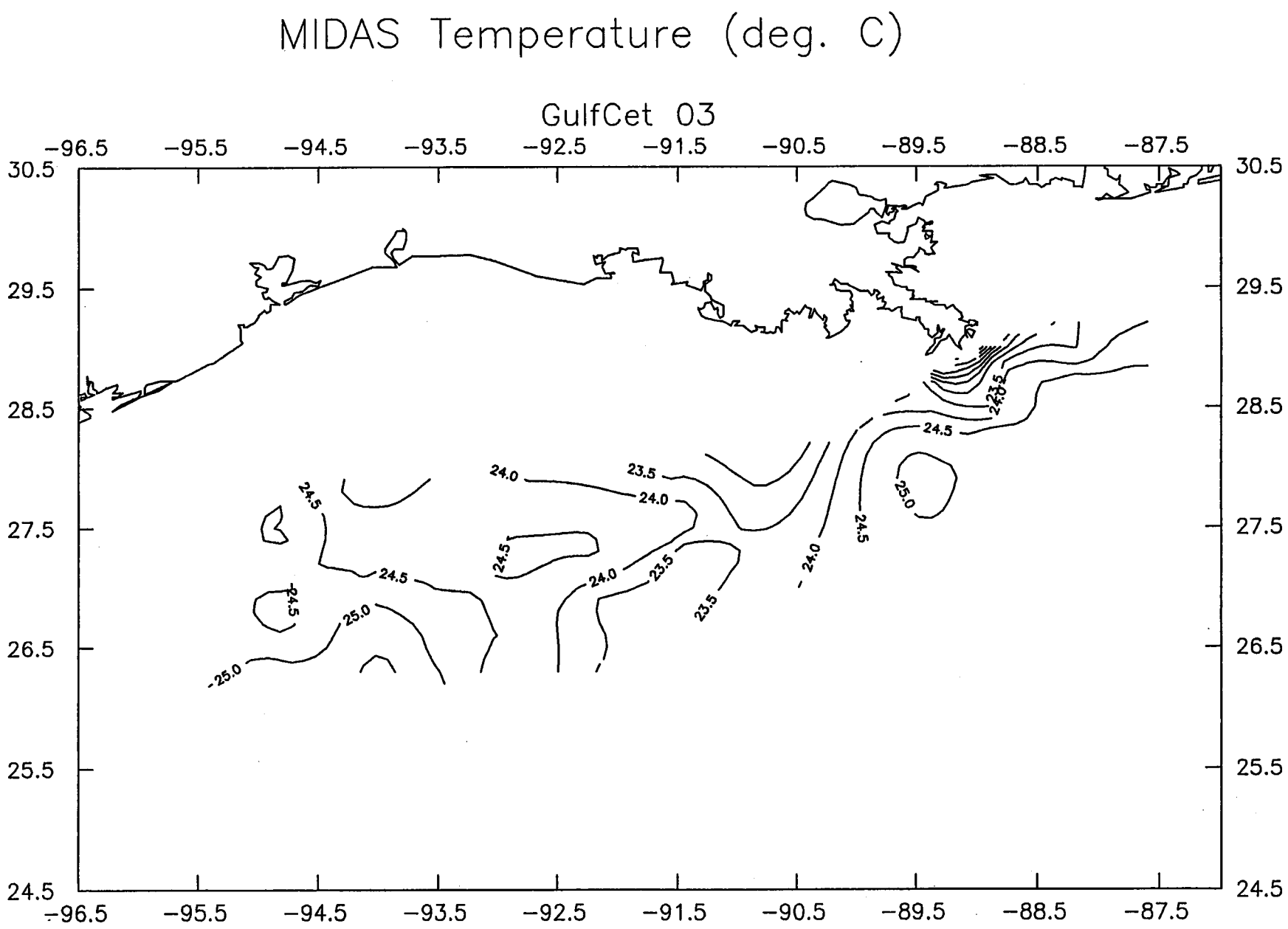
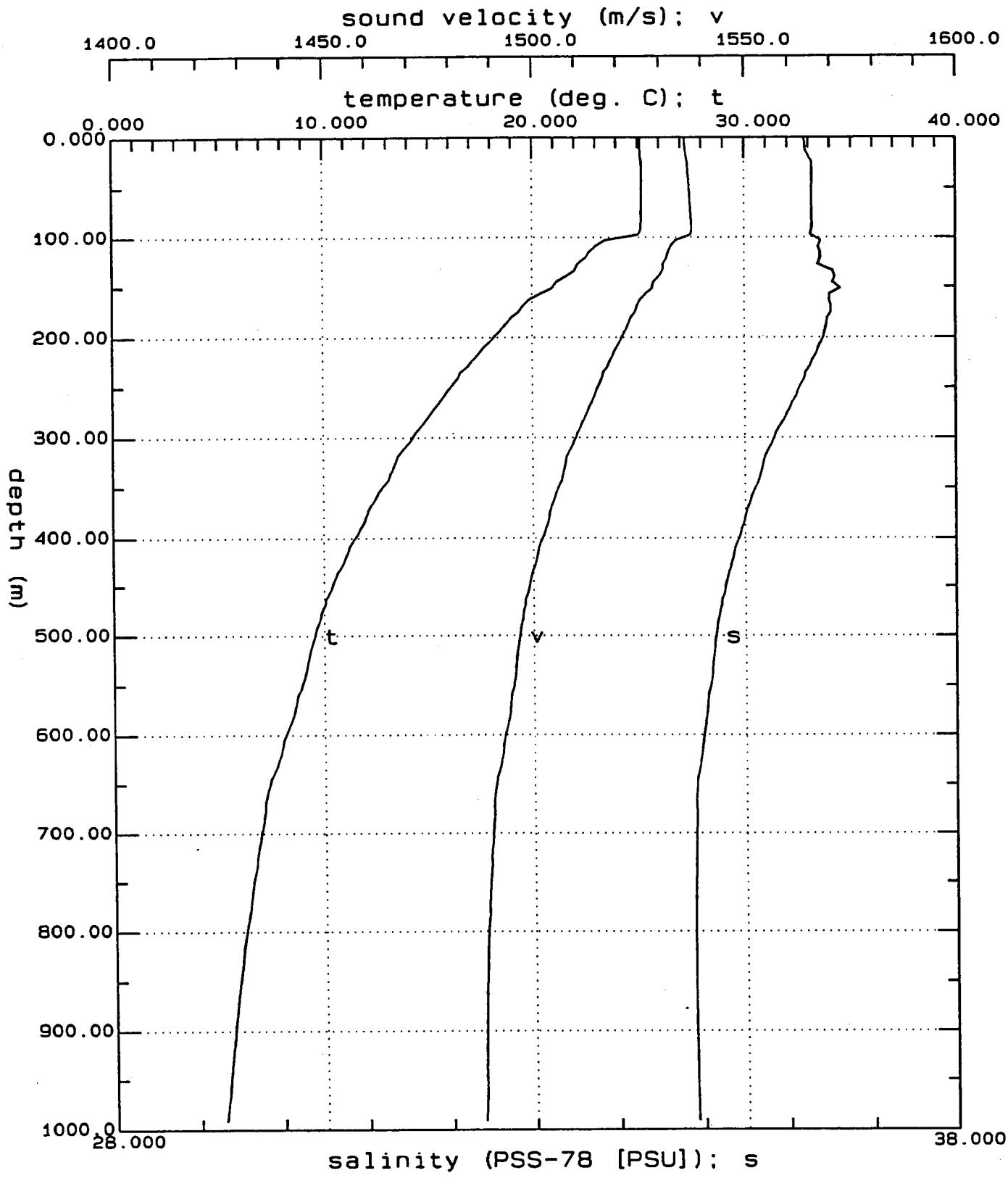
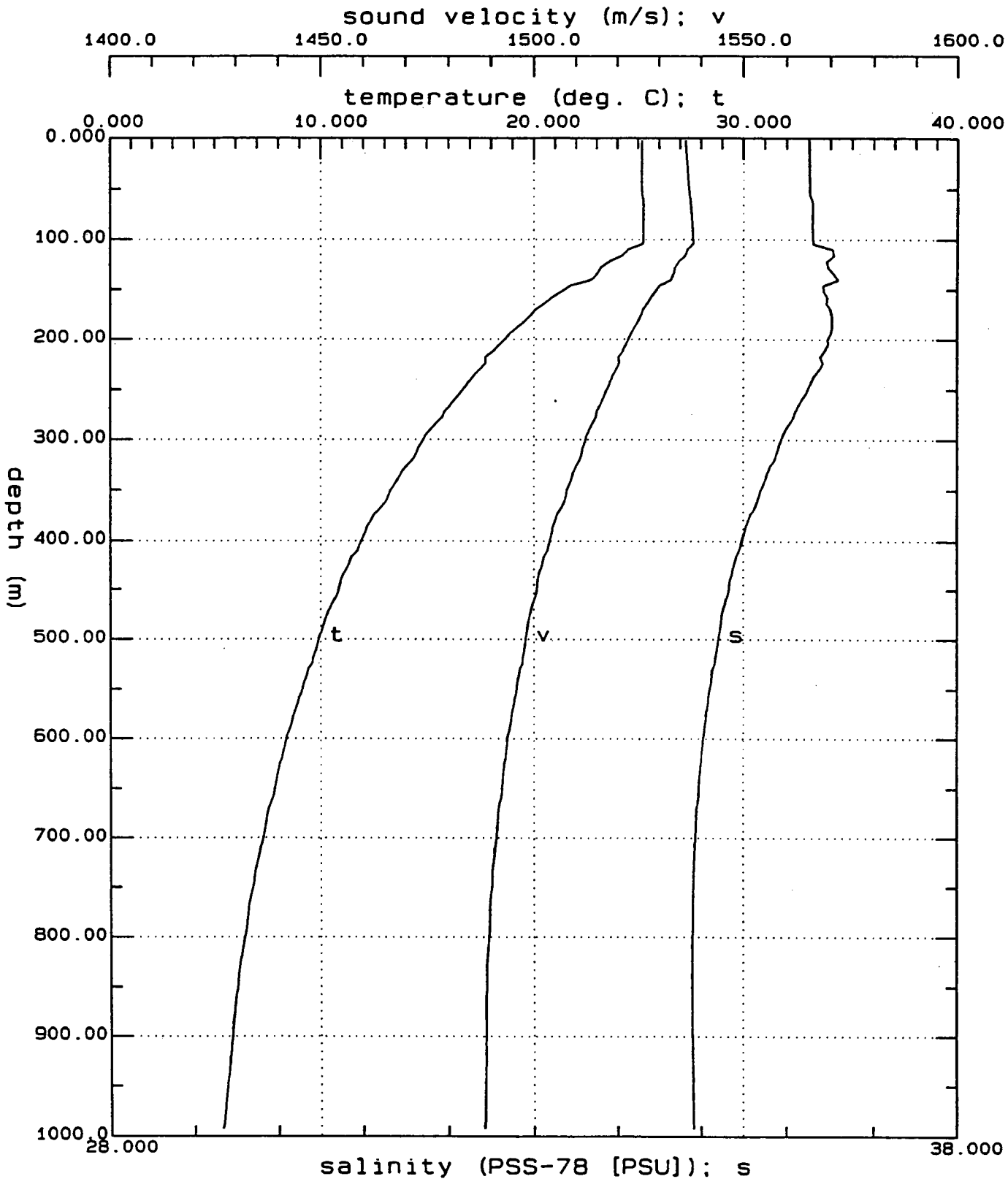
24.5
24.0
24.5


MIDAS Temperature (deg. C)
GulfCet 03
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
24.0
23.5
24.5
25.0

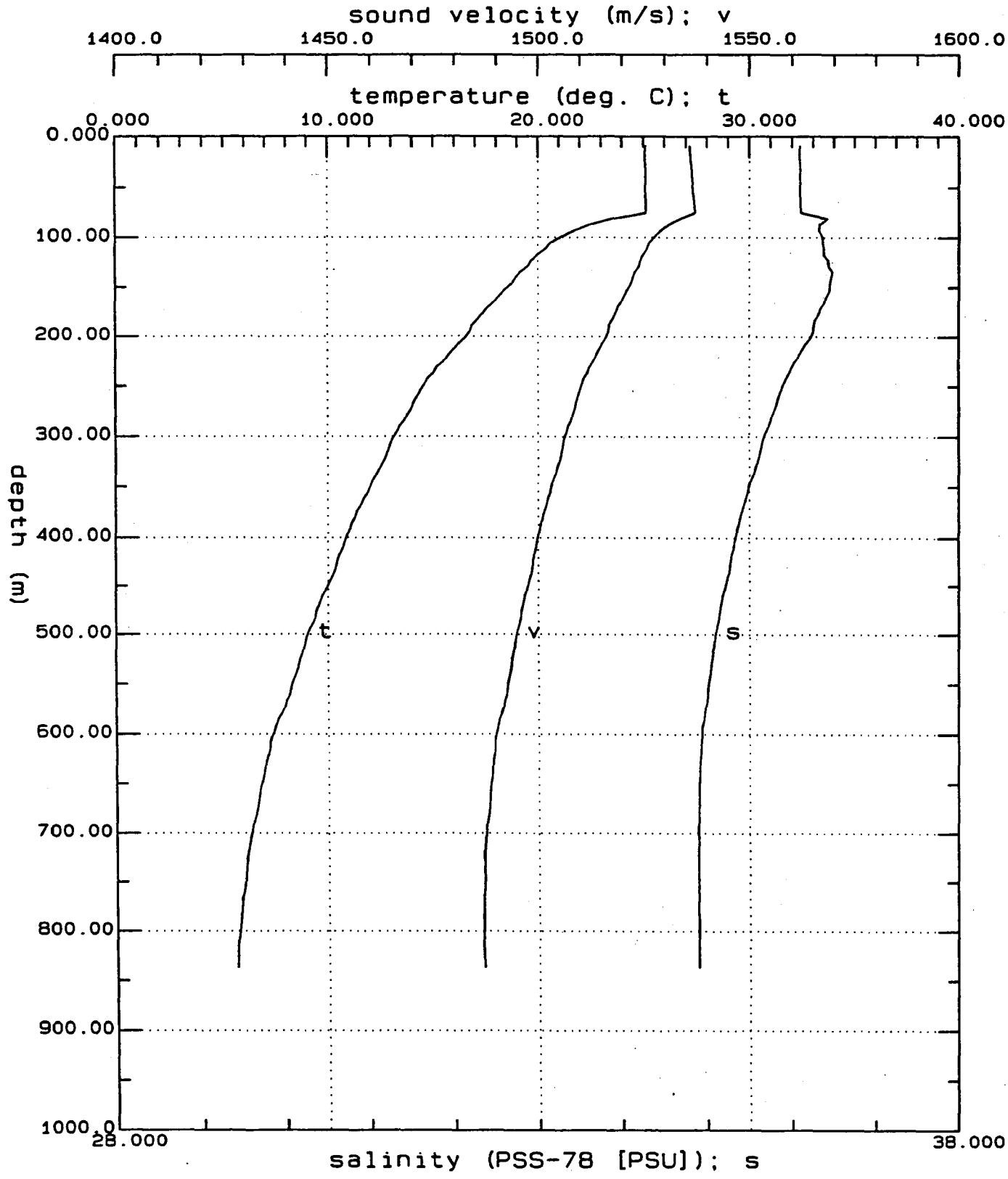
4.5 Vertical Profiles



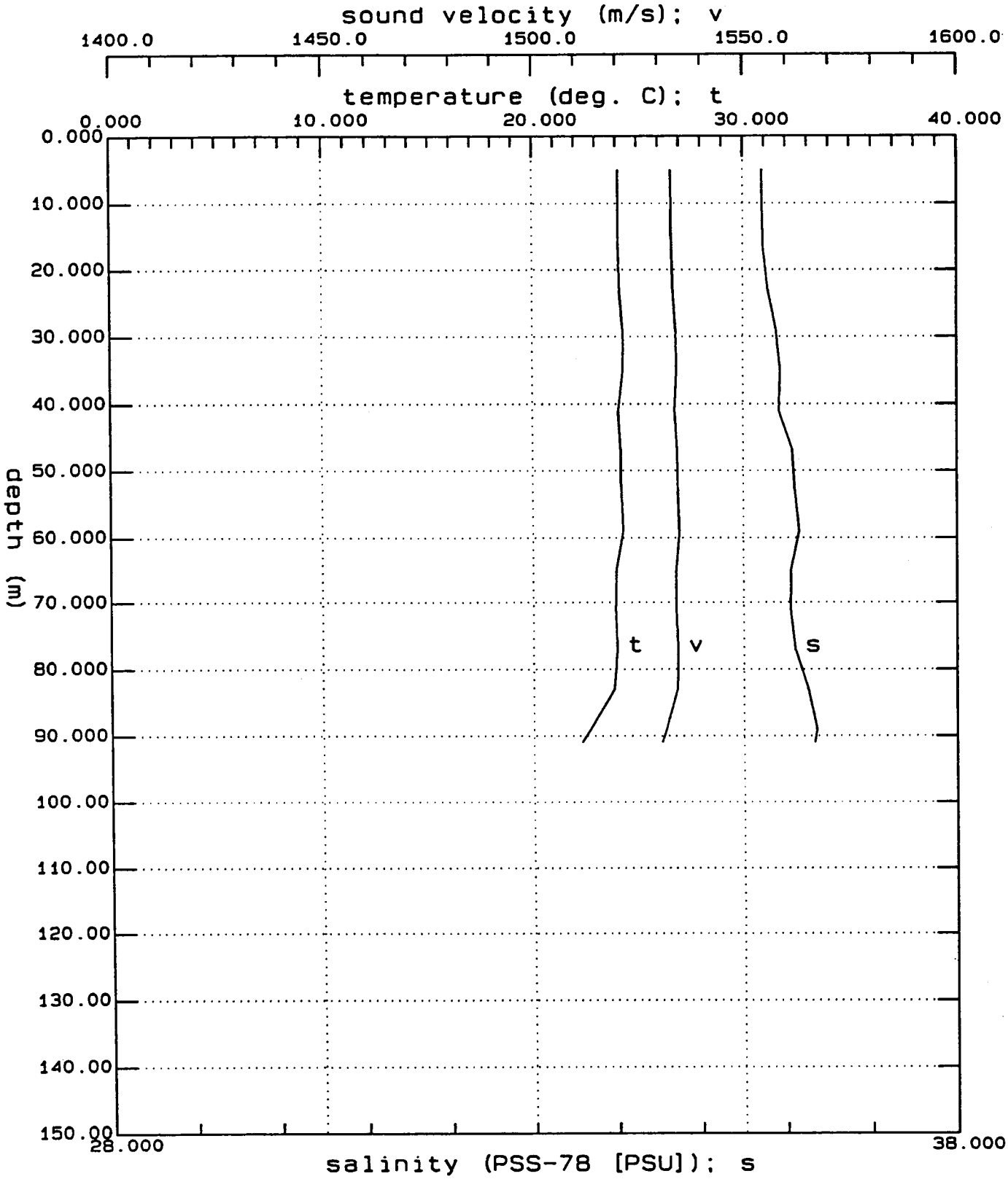
02-010.CNV: Gulfcet Cruise 03



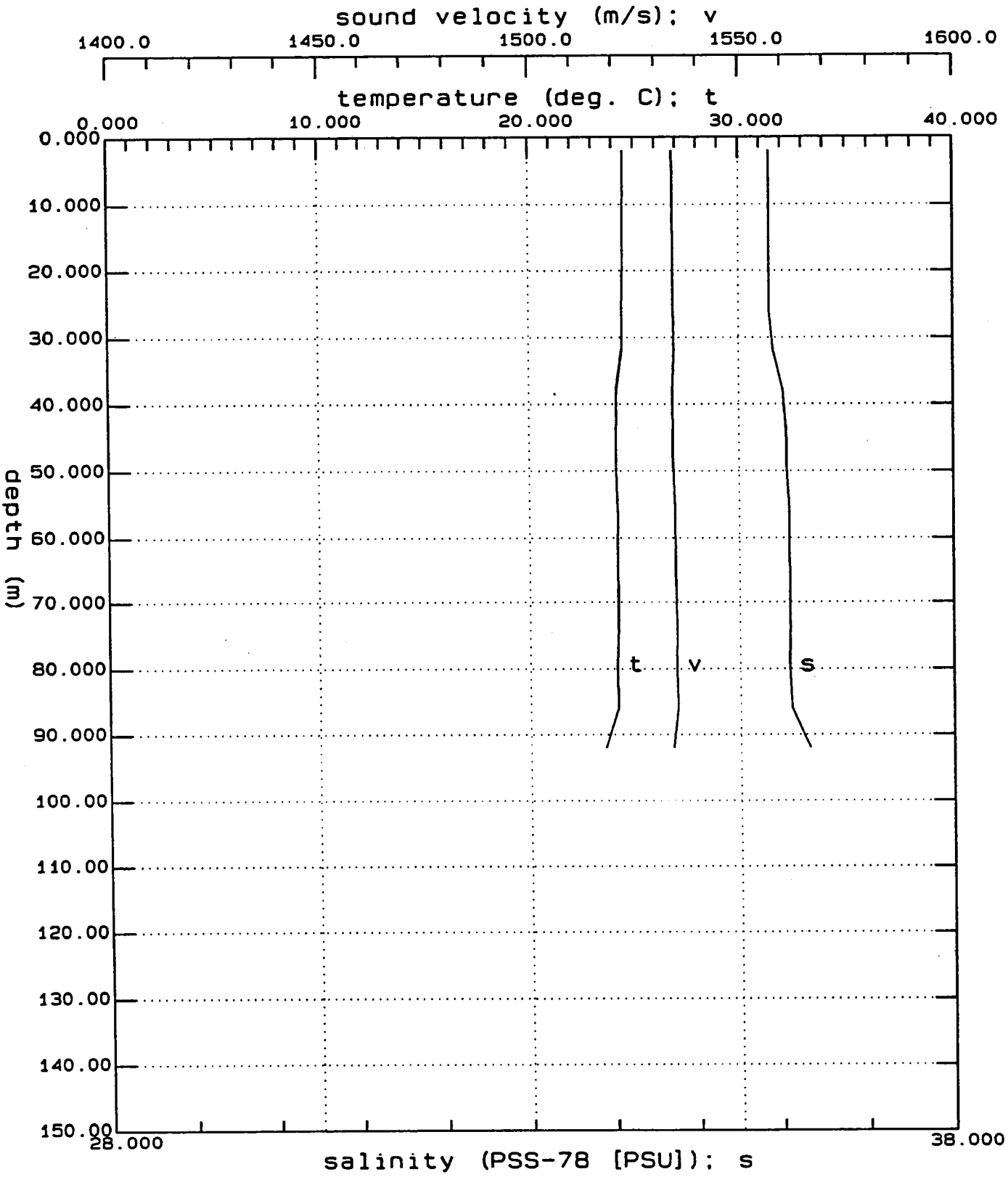
02-013.CNV: Gulfcet Cruise 03



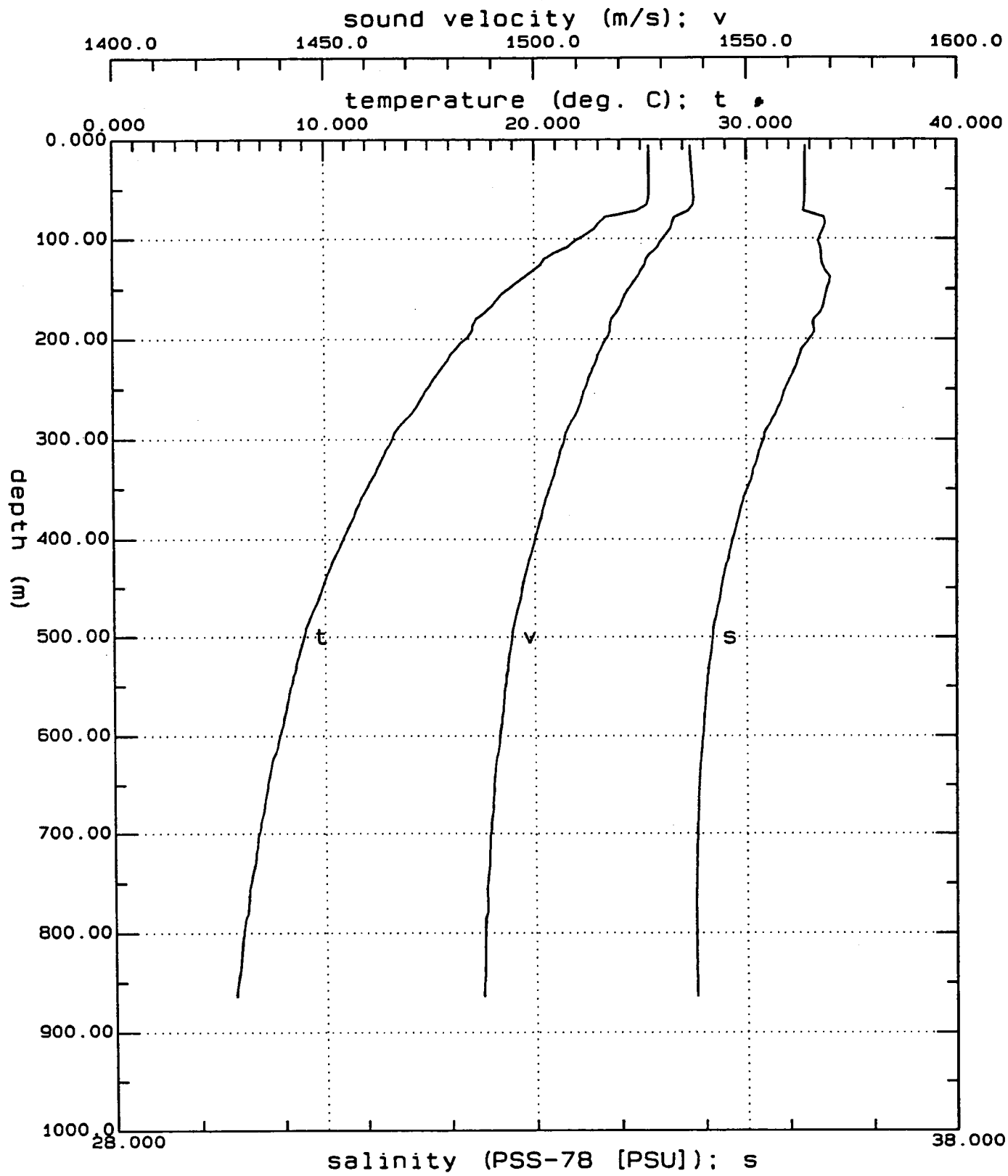
02-015.CNV: Gulfcet Cruise 03



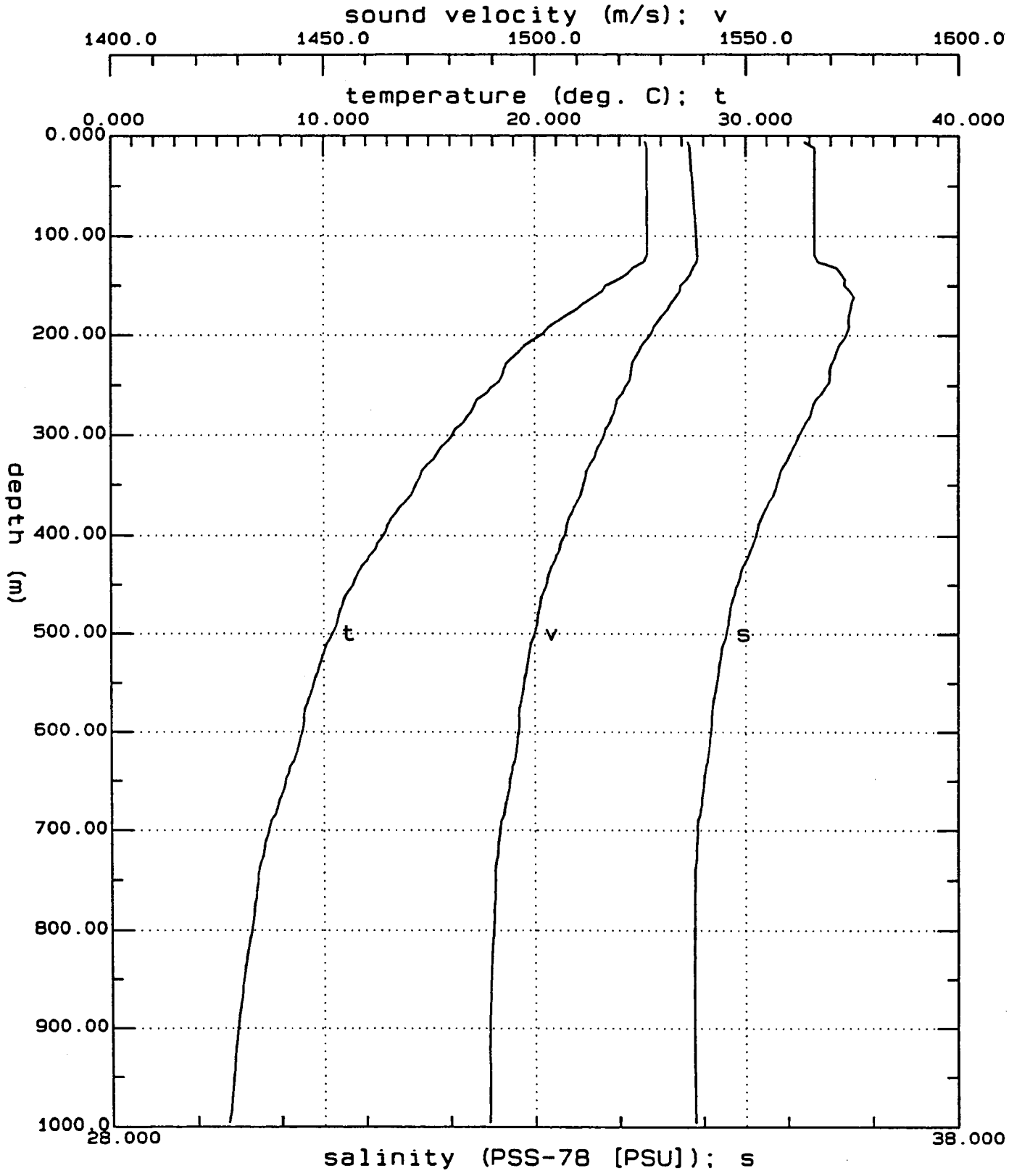
02-020.CNV: Gulfcet Cruise 03



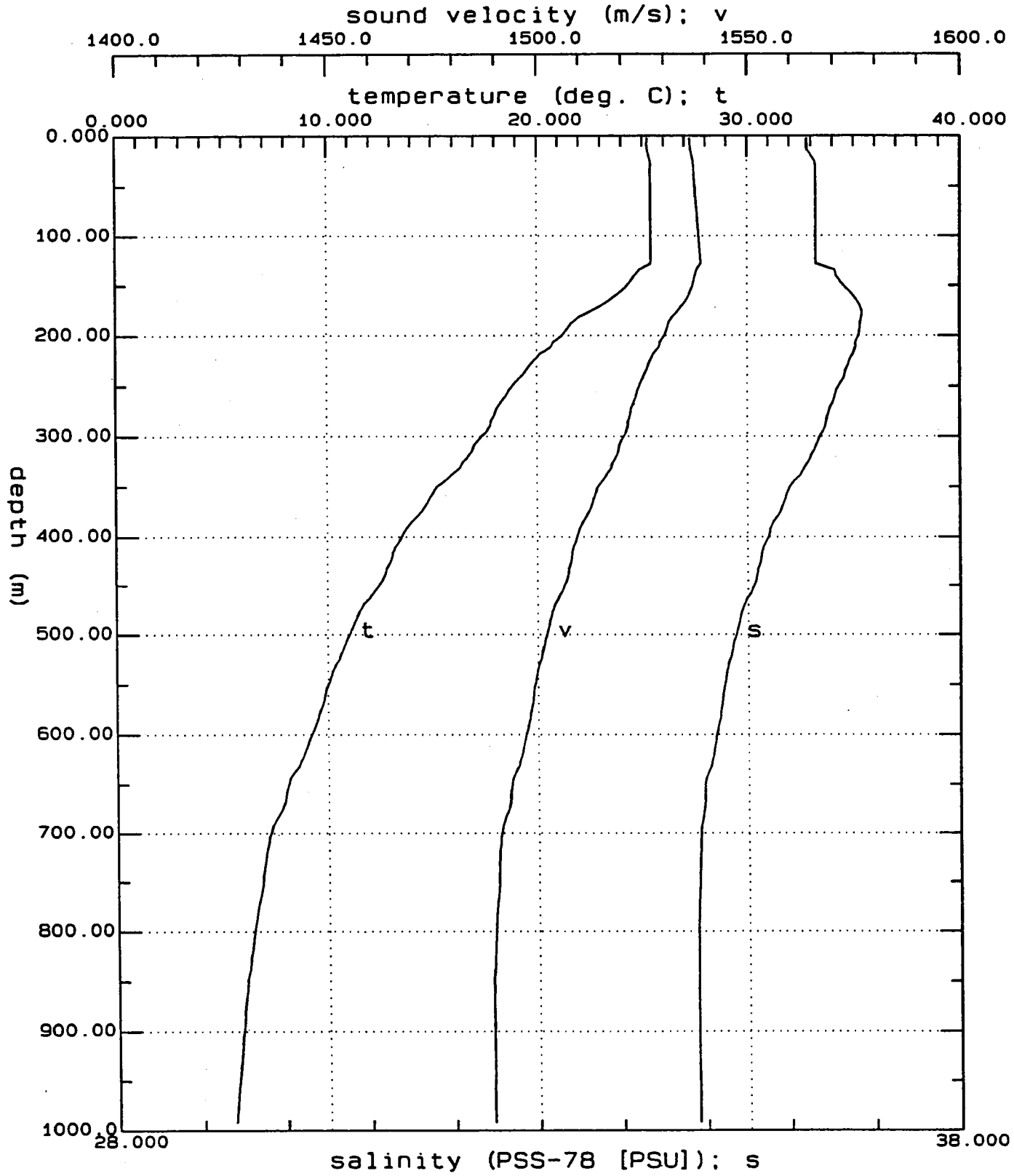
03-021.CNV: Gulfcet Cruise 03



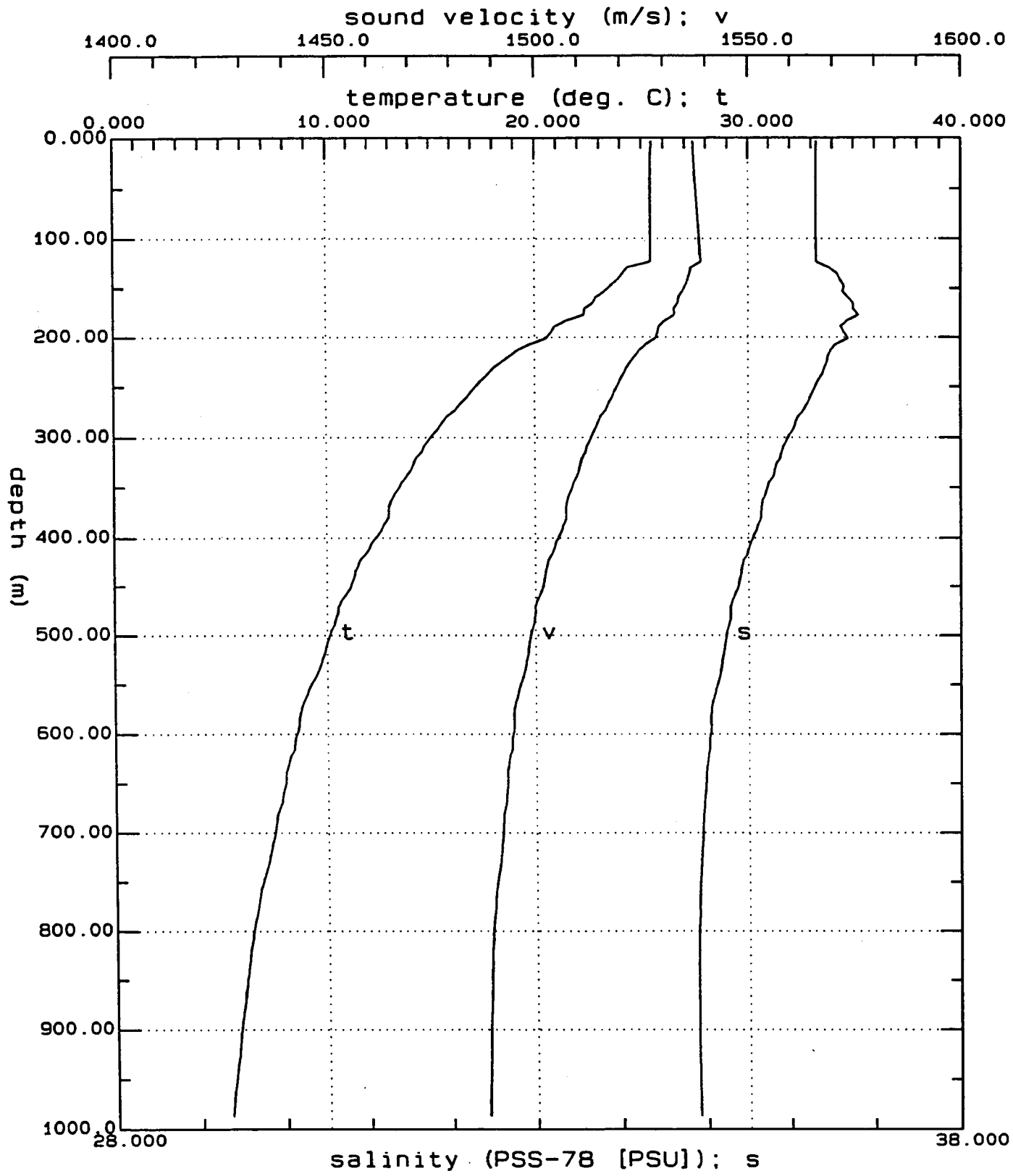
03-026.CNV: Gulfcet Cruise 03



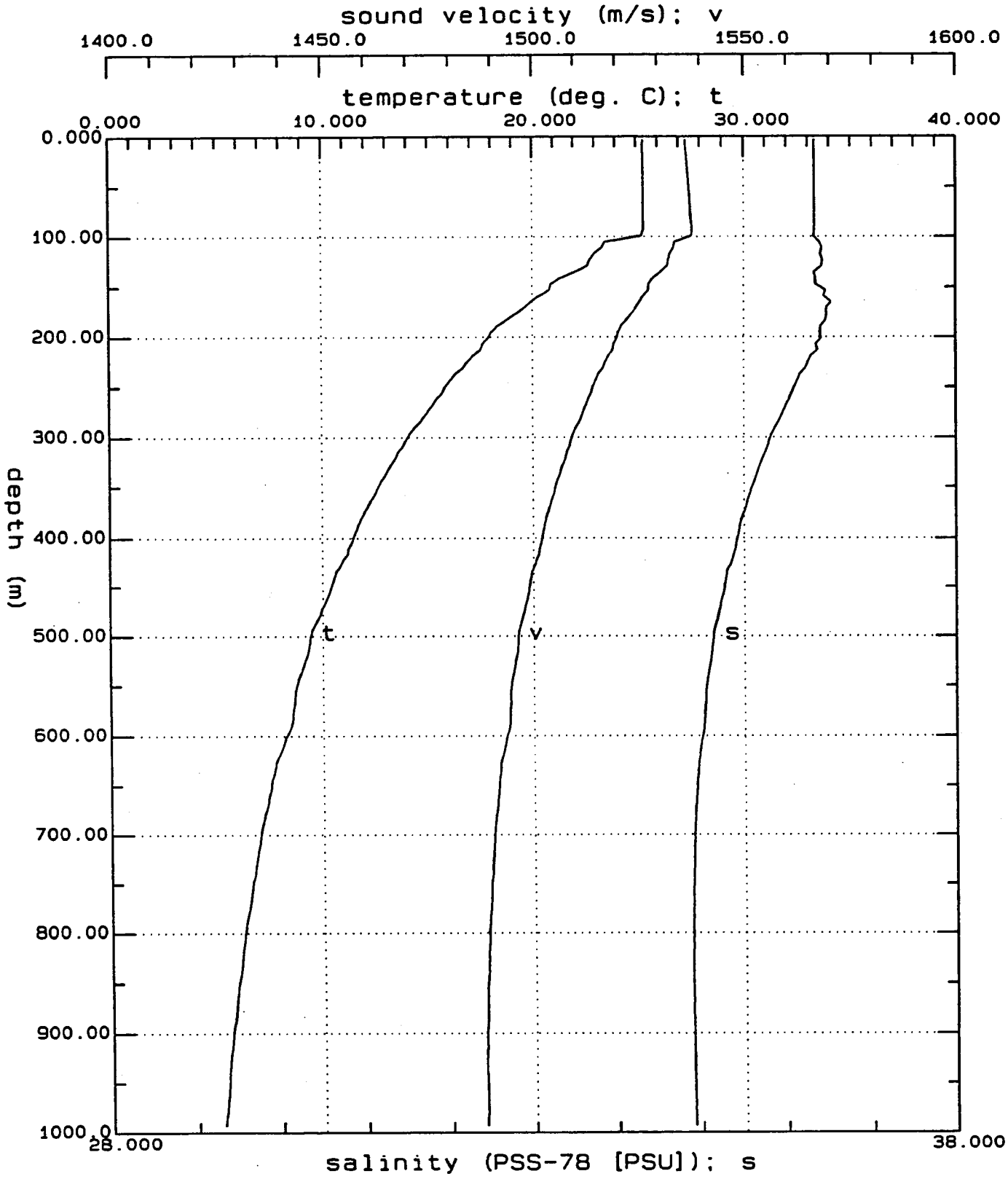
03-029.CNV: Gulfcet Cruise 03



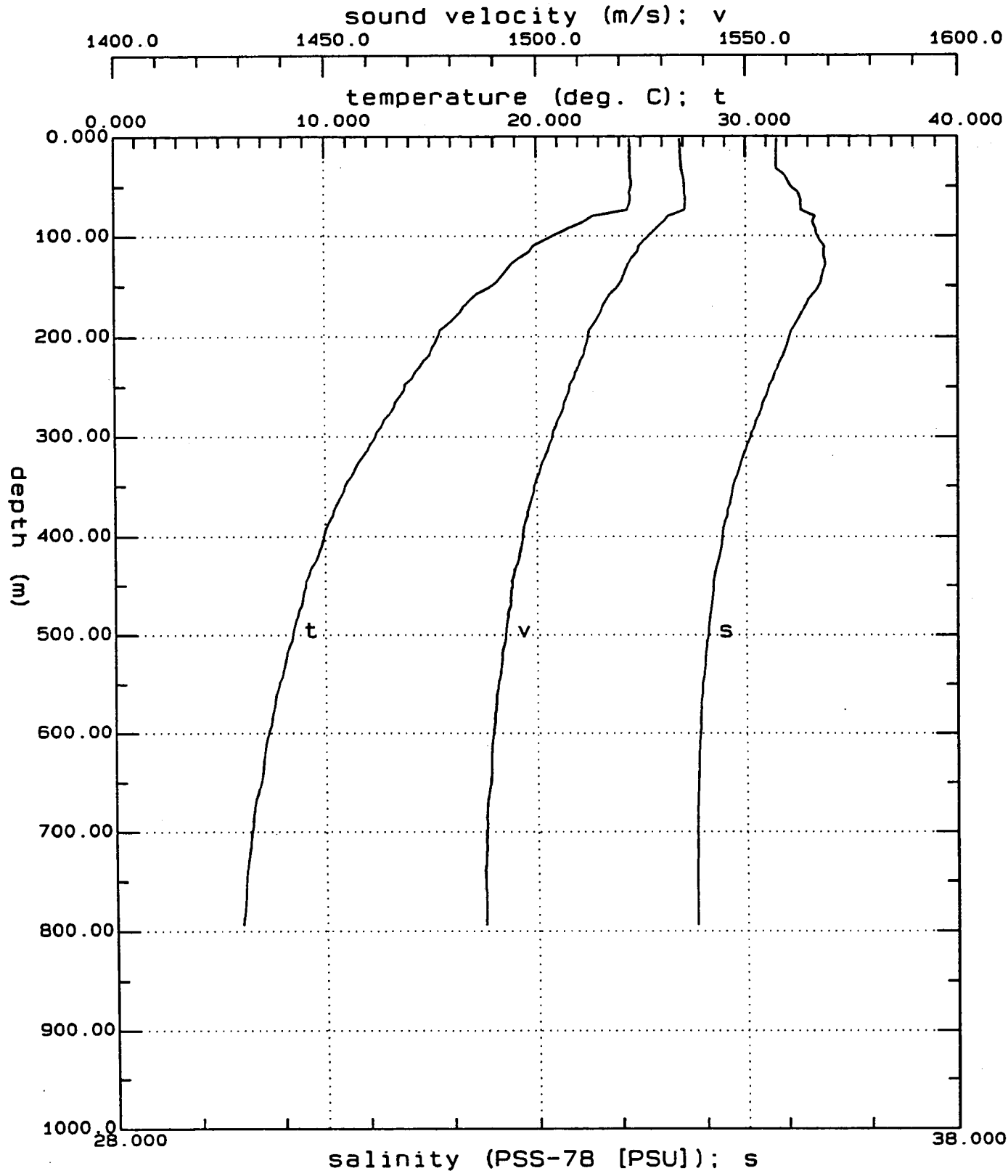
03-030.CNV: Gulfcet Cruise 03



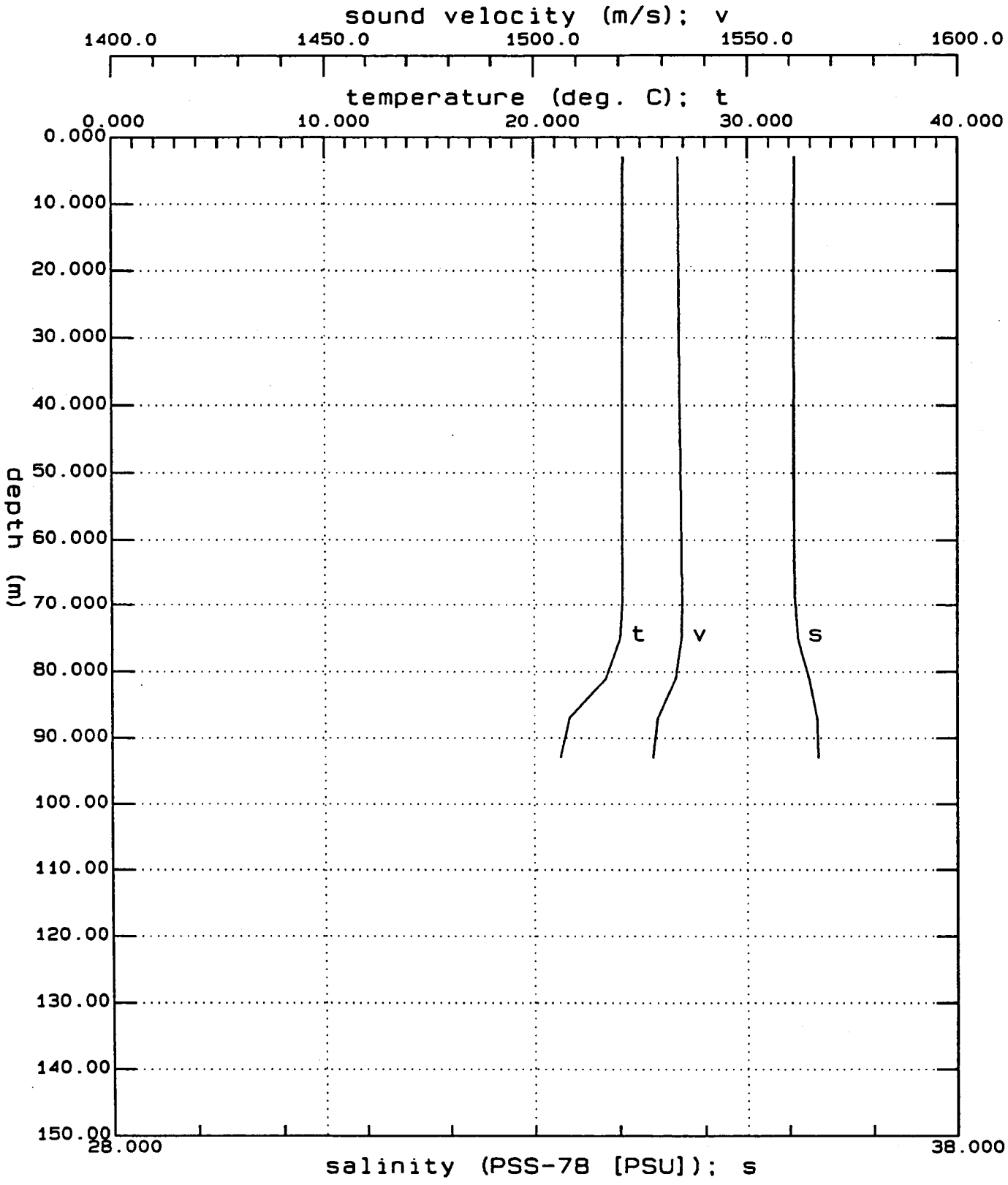
04-031.CNV: Gulfcet Cruise 03



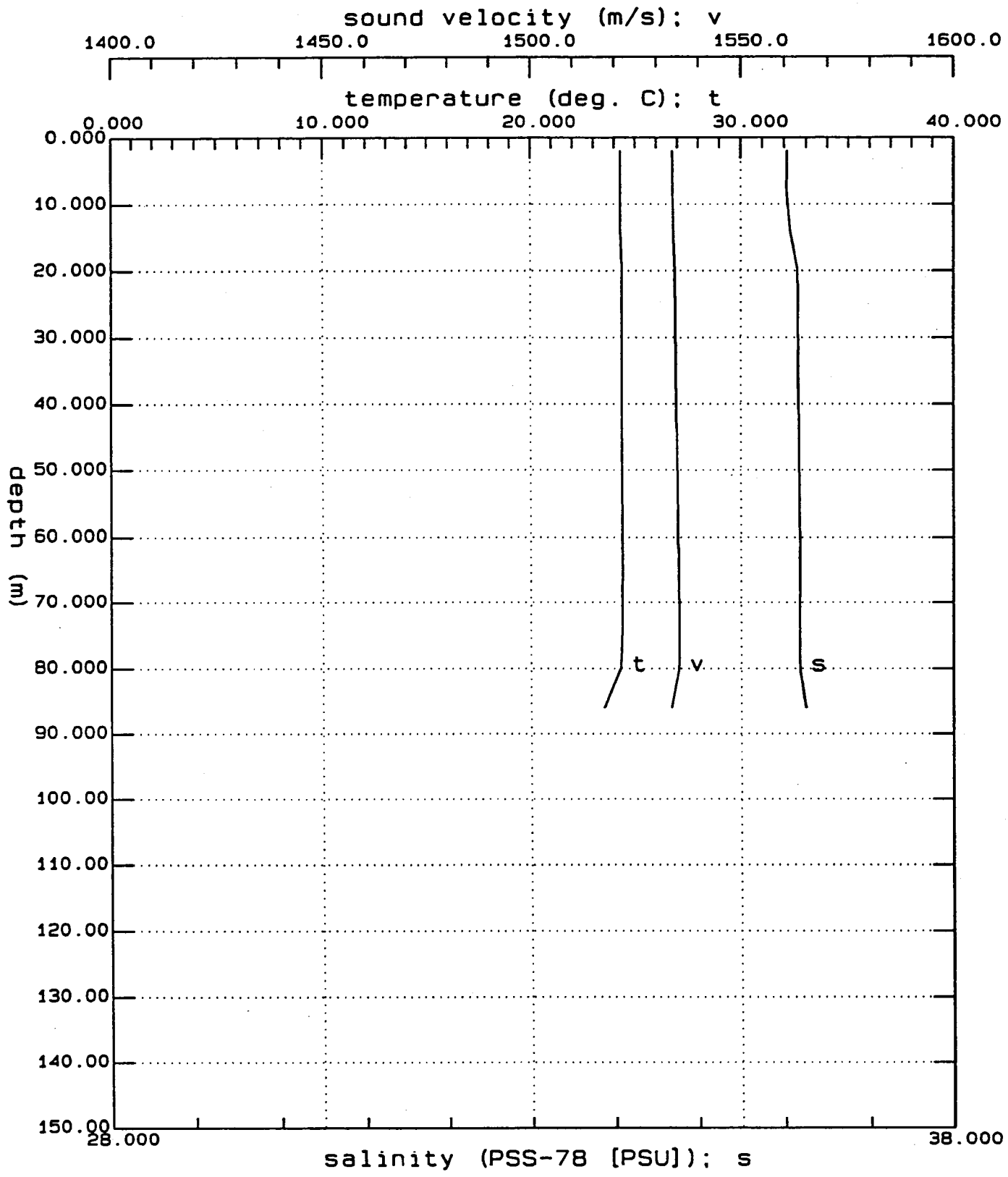
04-033.CNV: Gulfcet Cruise 03



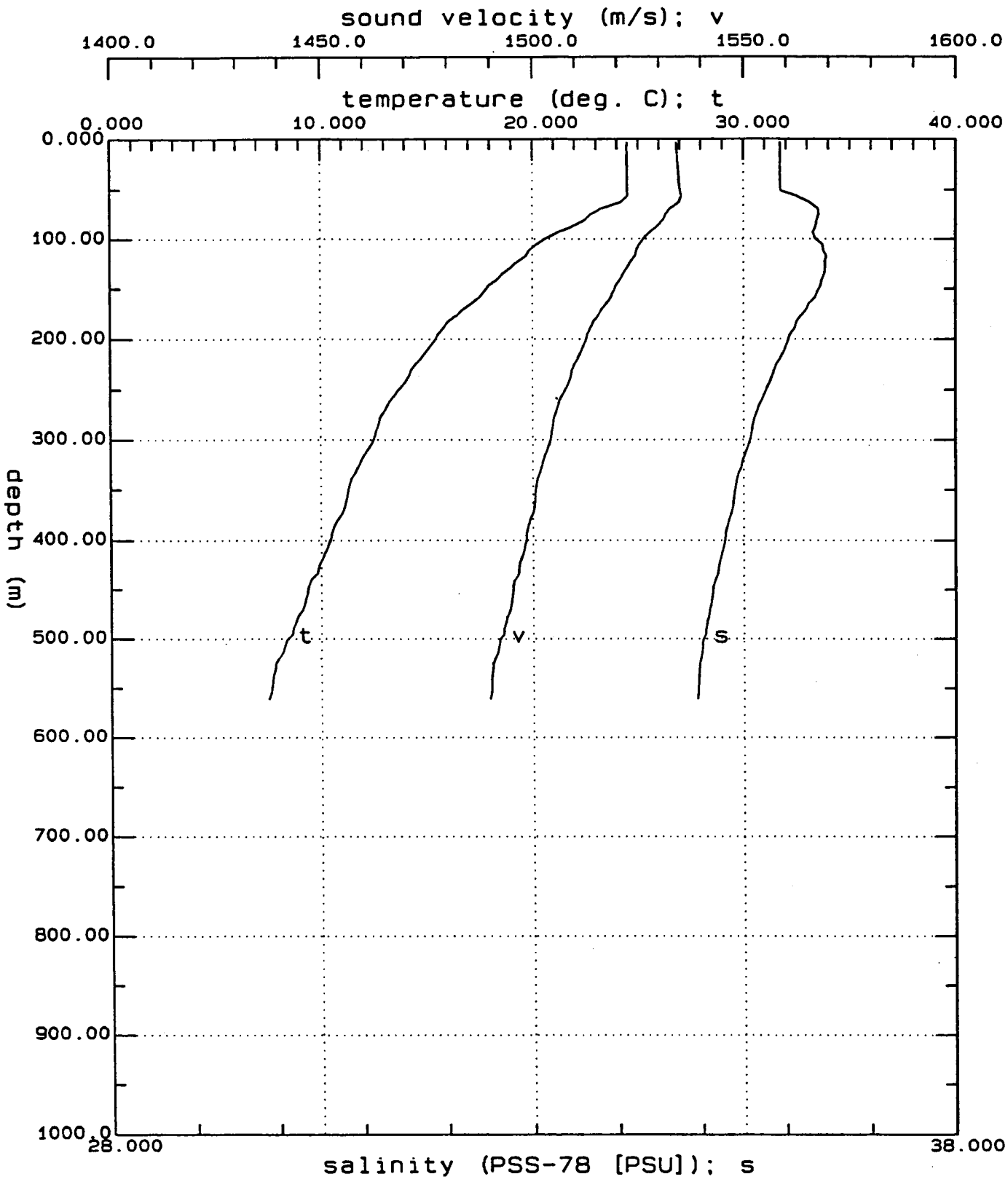
04-036.CNV: Gulfcet Cruise 03



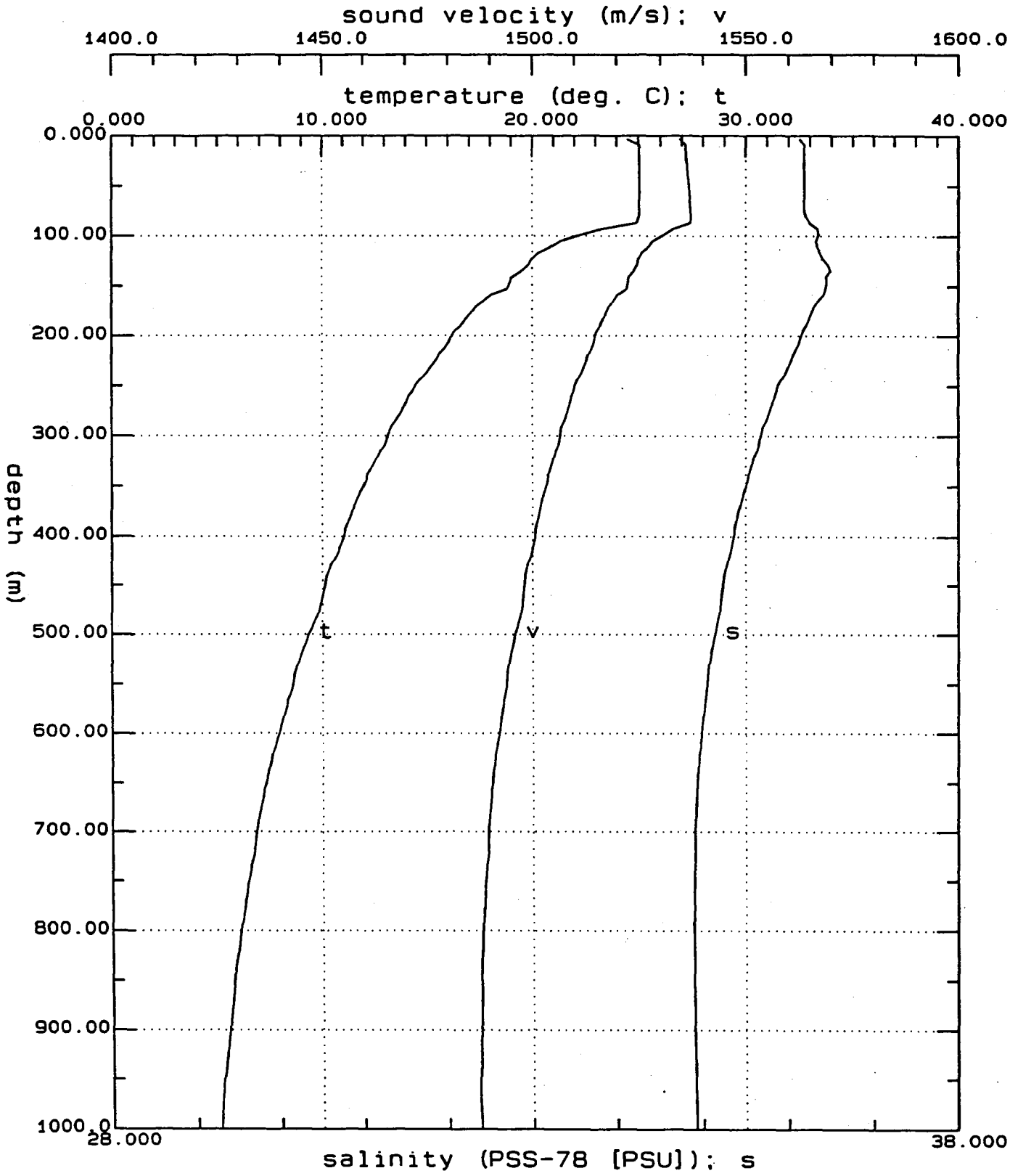
04-042.CNV: Gulfcet Cruise 03



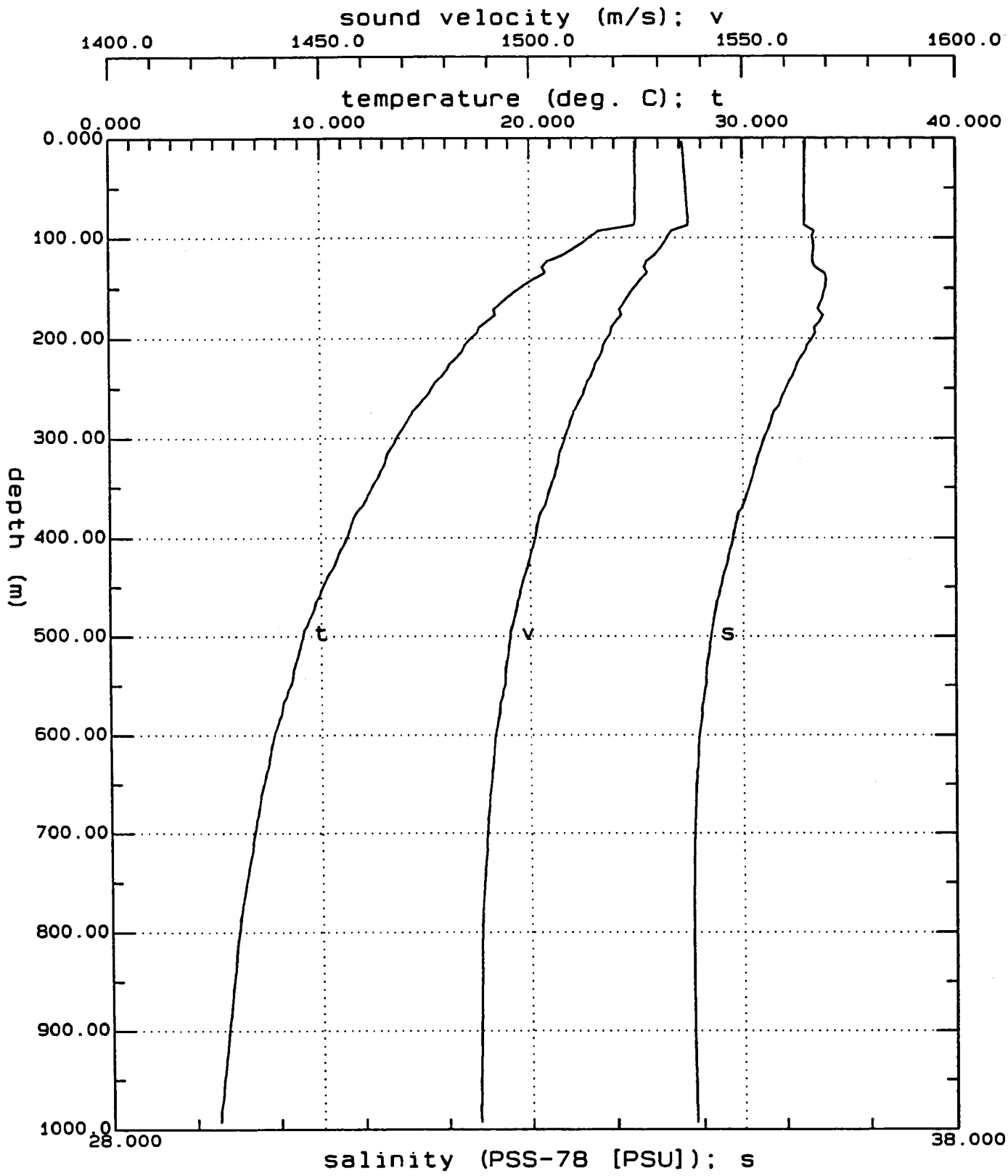
05-043.CNV: Gulfcet Cruise 03



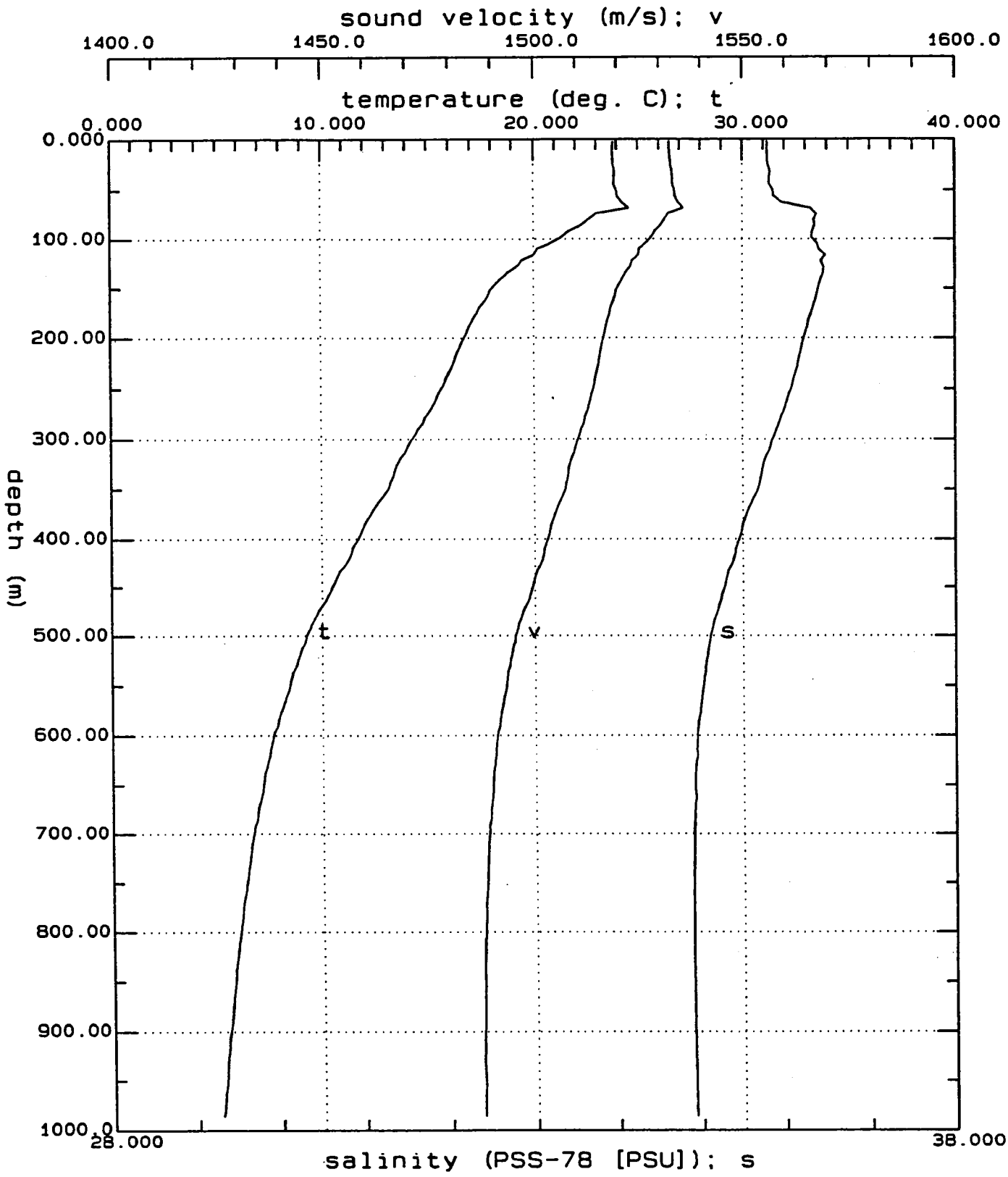
05-047.CNV: Gulfcet Cruise 03



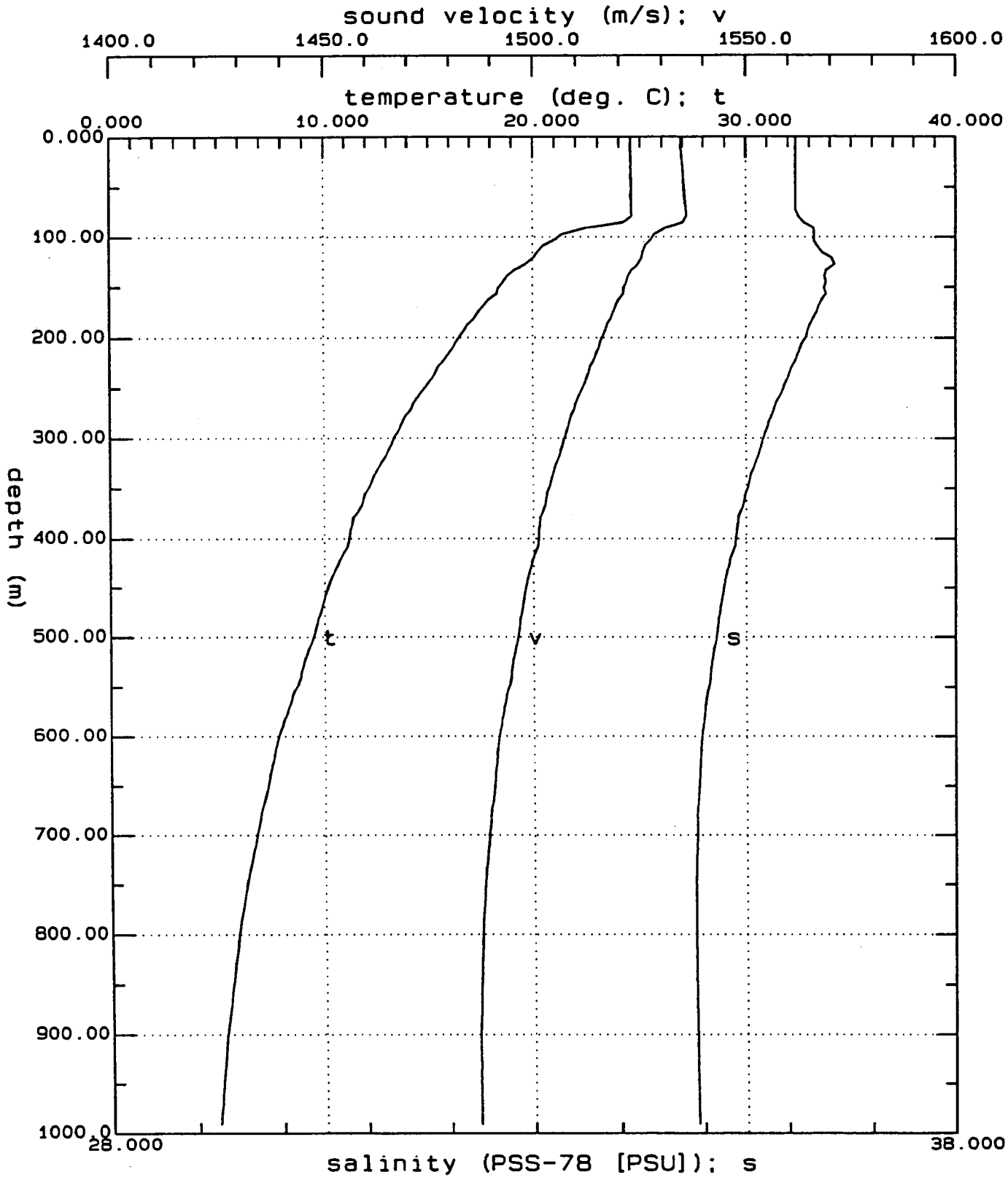
05-050.CNV: Gulfcet Cruise 03



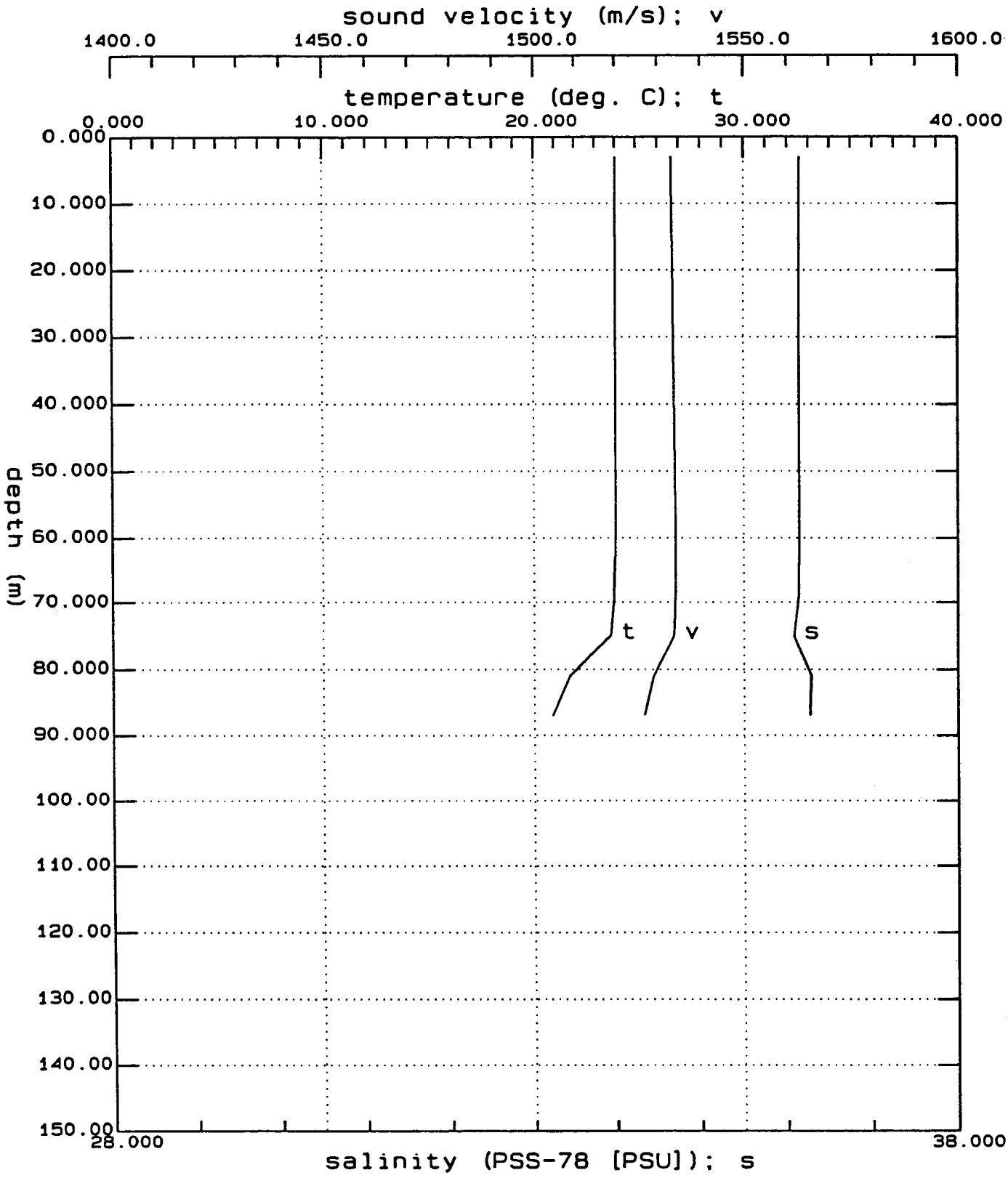
05-053.CNV: Gulfcet Cruise 03



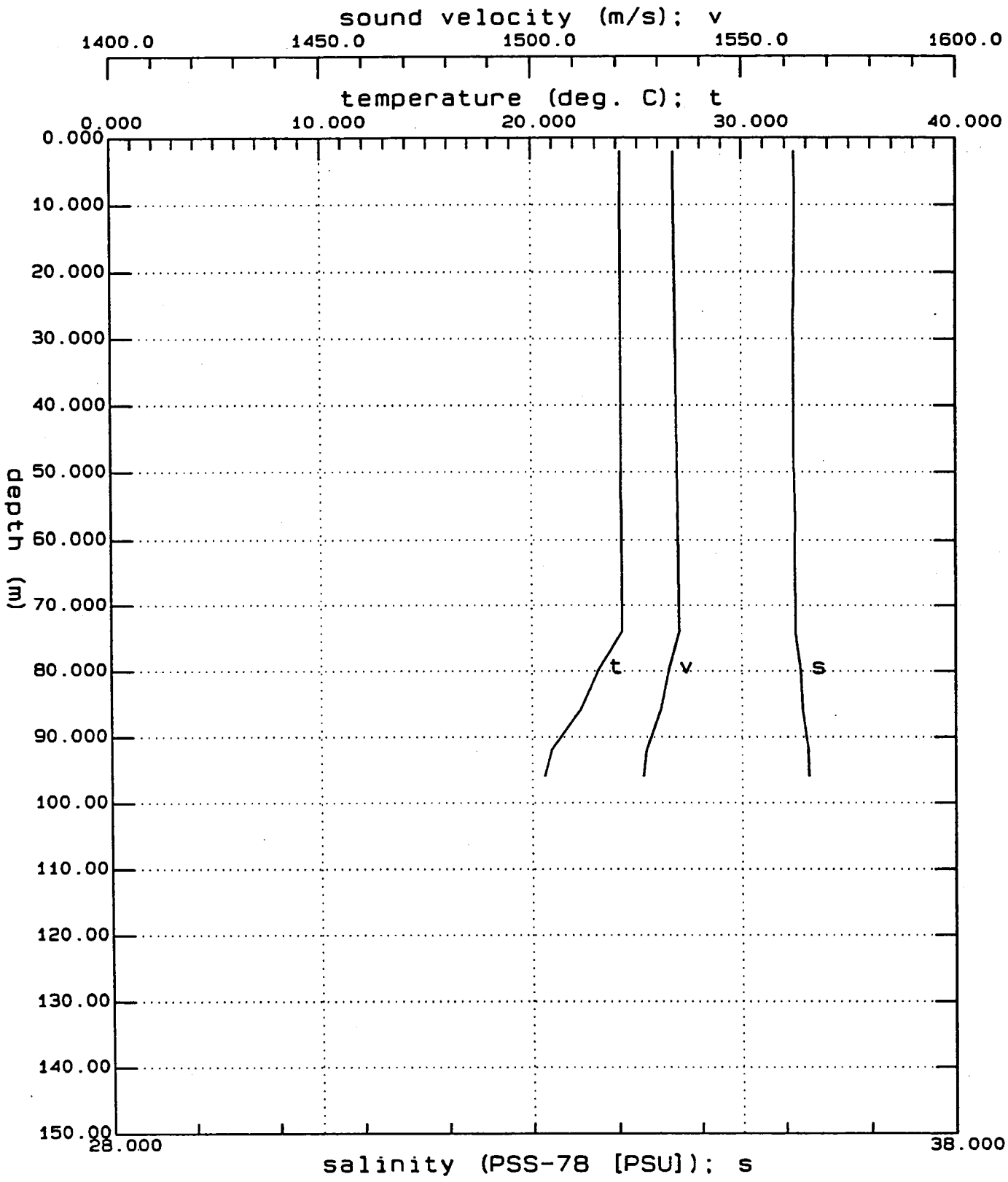
06-054.CNV: Gulfcet Cruise 03



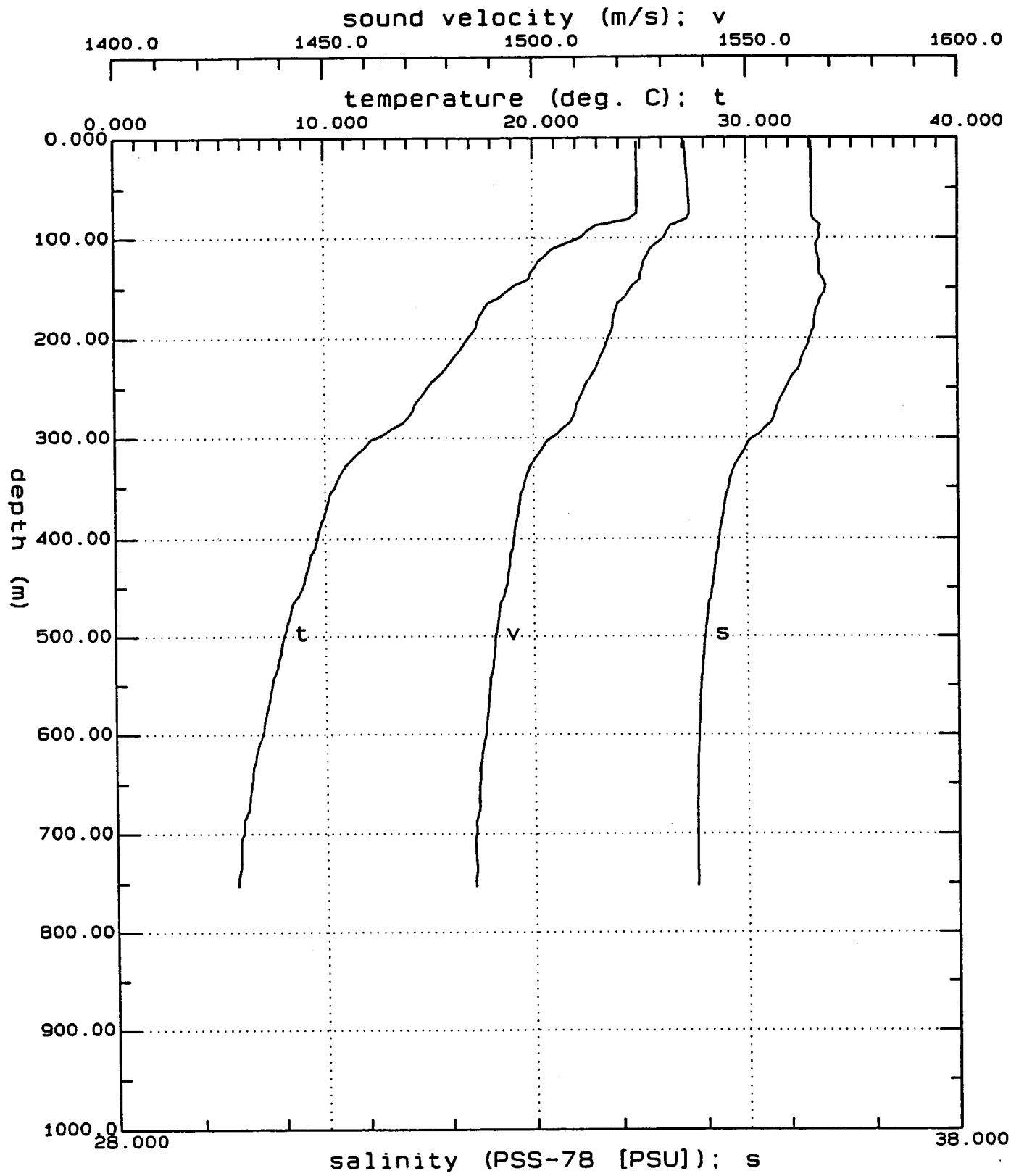
06-055.CNV: Gulfcet Cruise 03



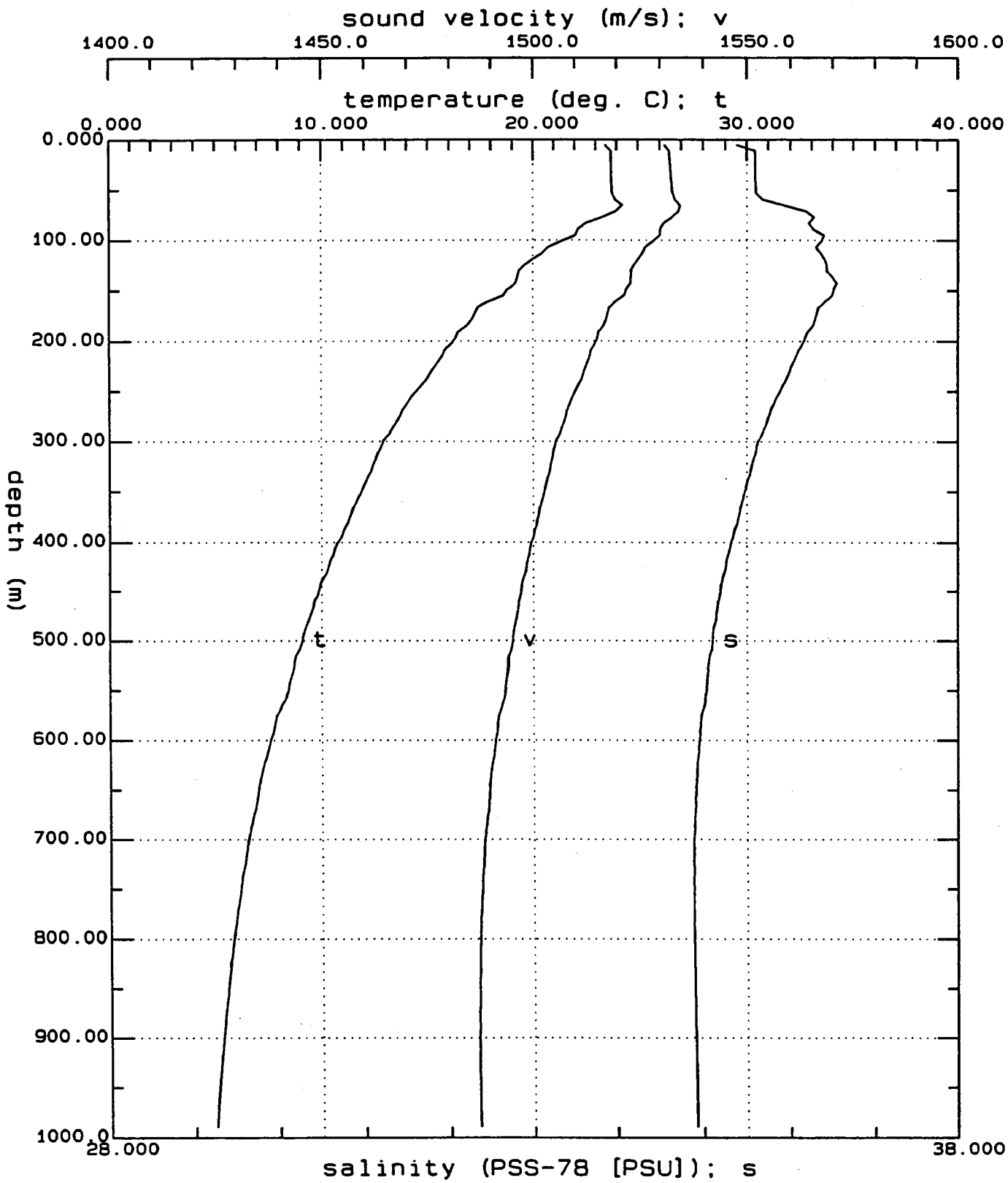
06-064.CNV: Gulfcet Cruise 03



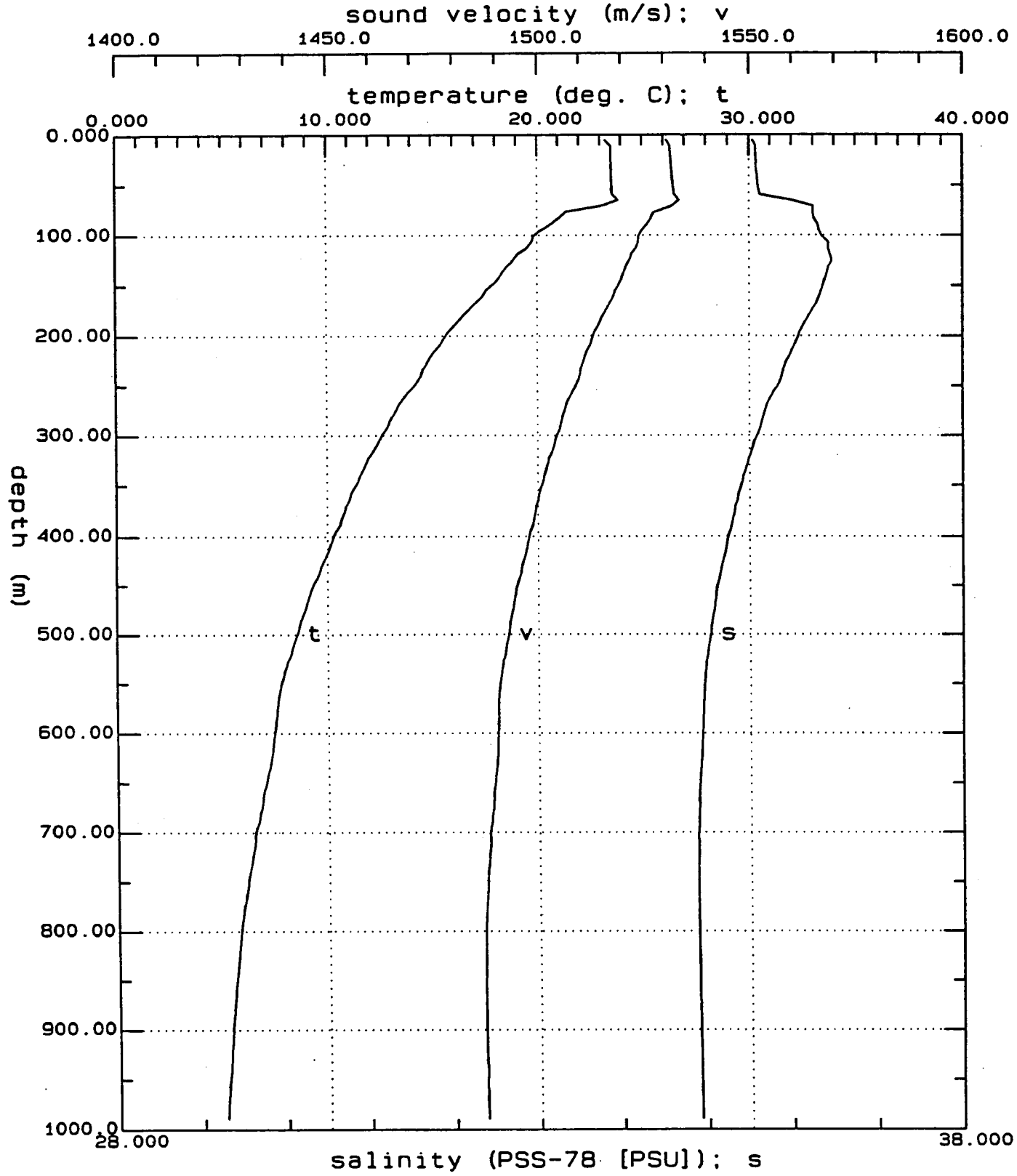
07-065.CNV: Gulfcet Cruise 03



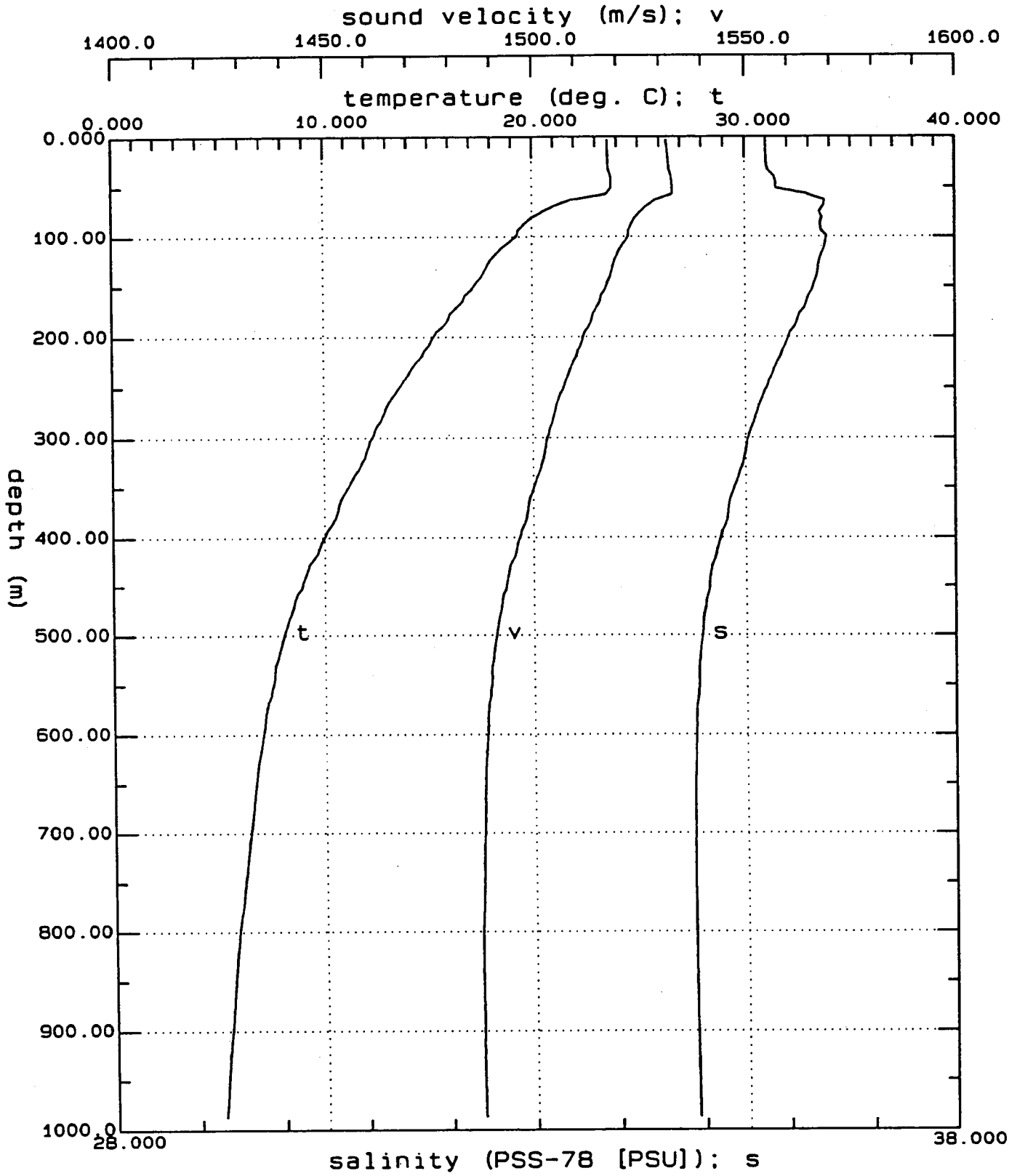
07-071.CNV: Gulfcet Cruise 03



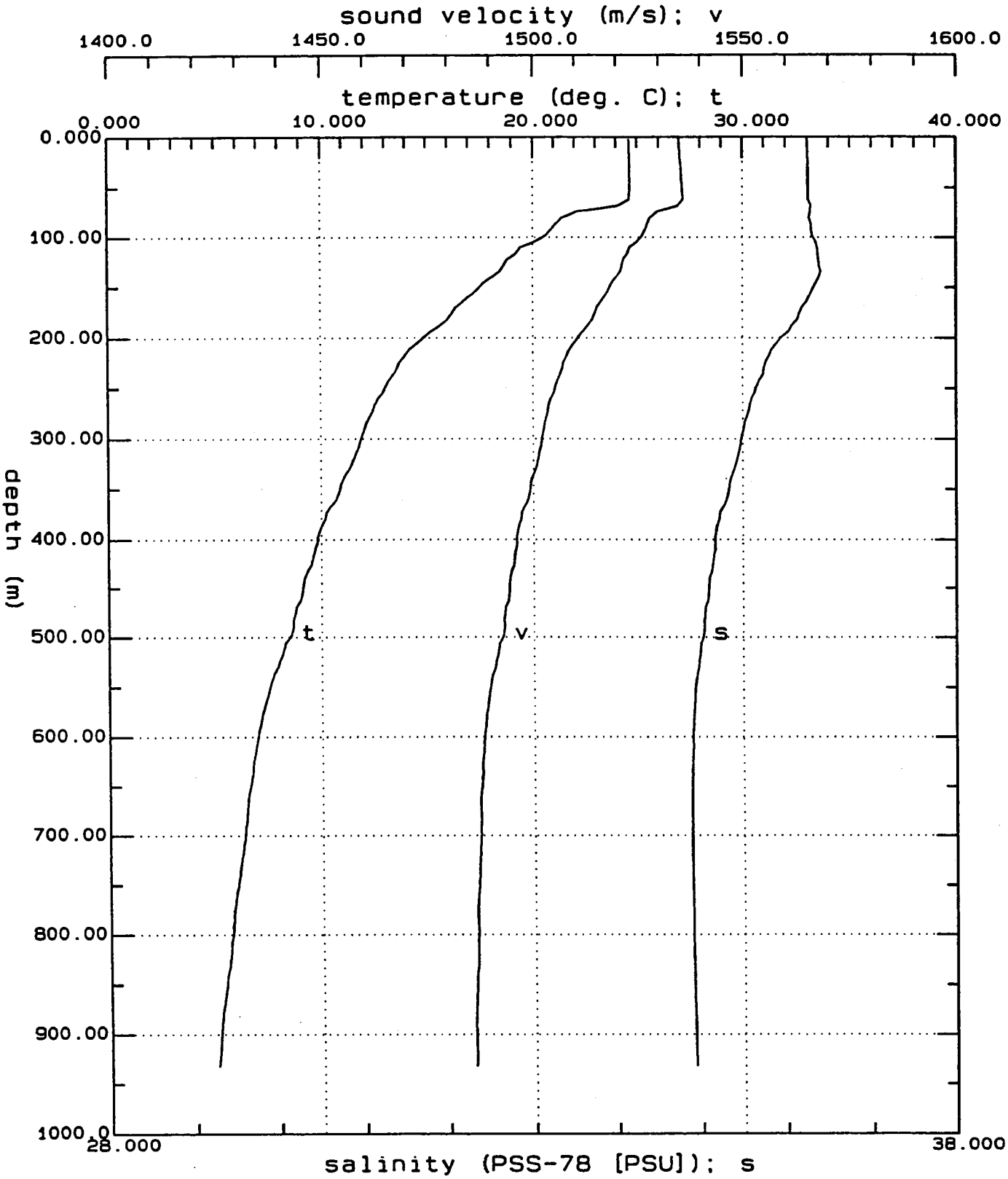
07-073.CNV: Gulfcet Cruise 03



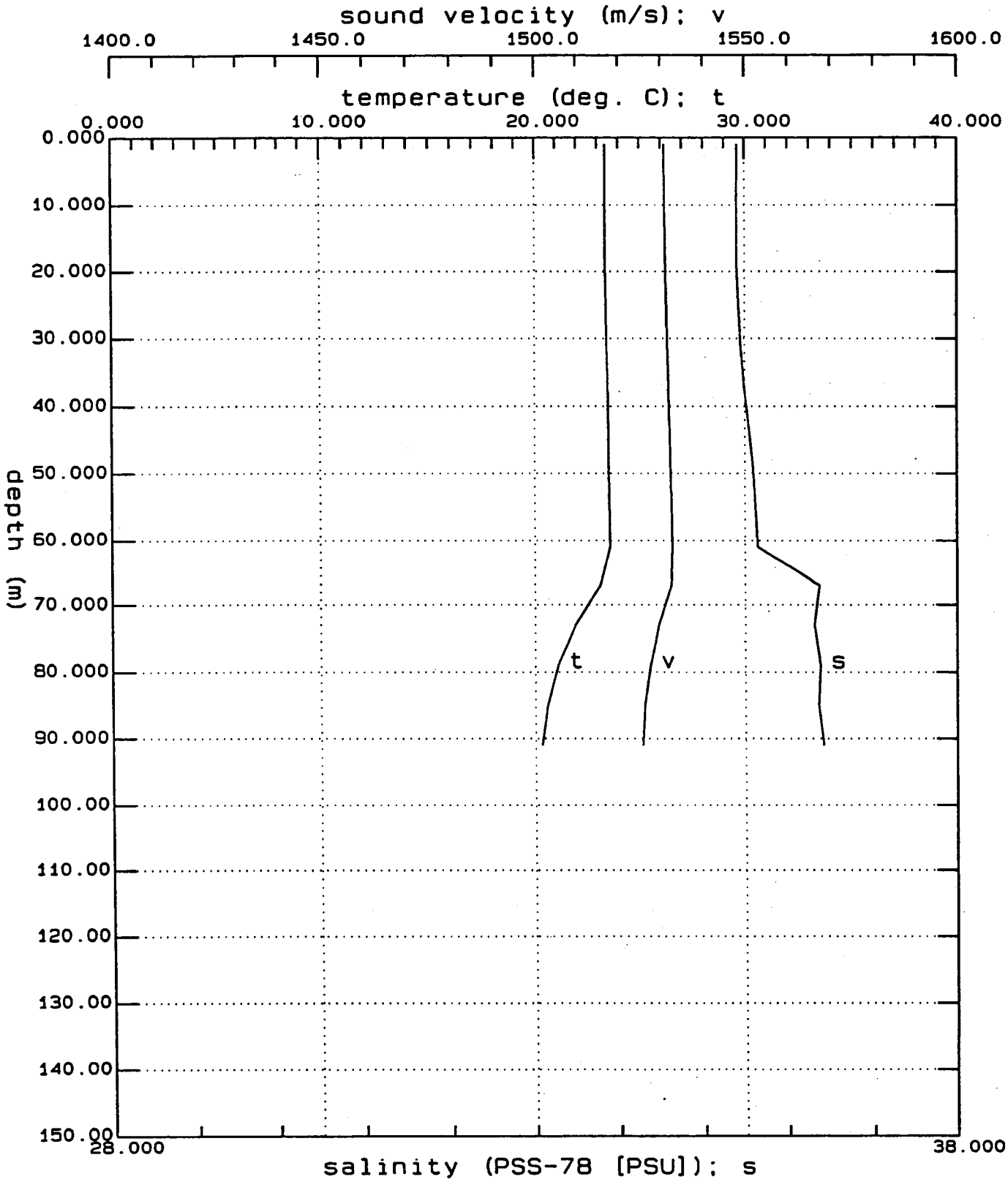
07-075.CNV: Gulfcet Cruise 03



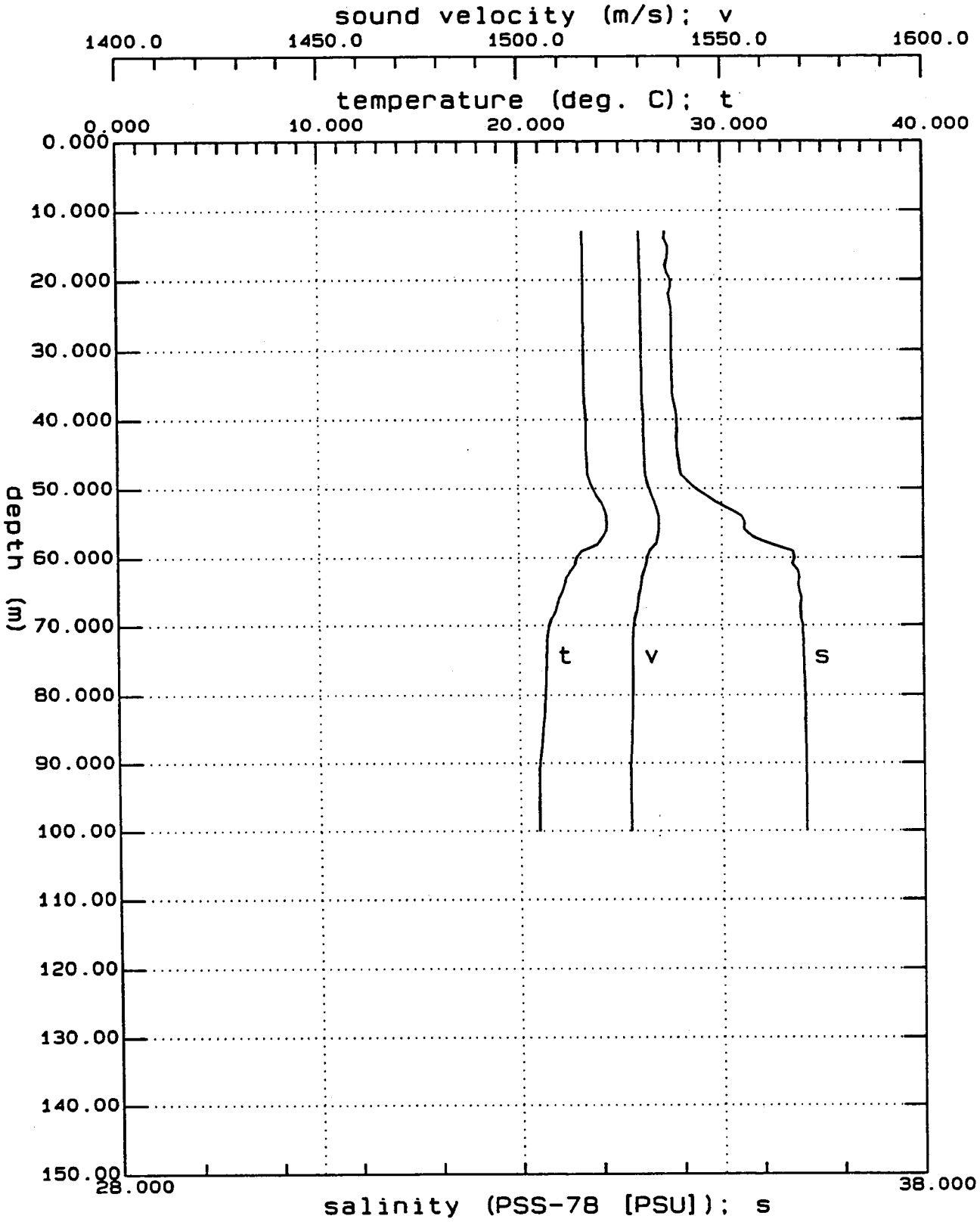
08-076.CNV: Gulfcet Cruise 03



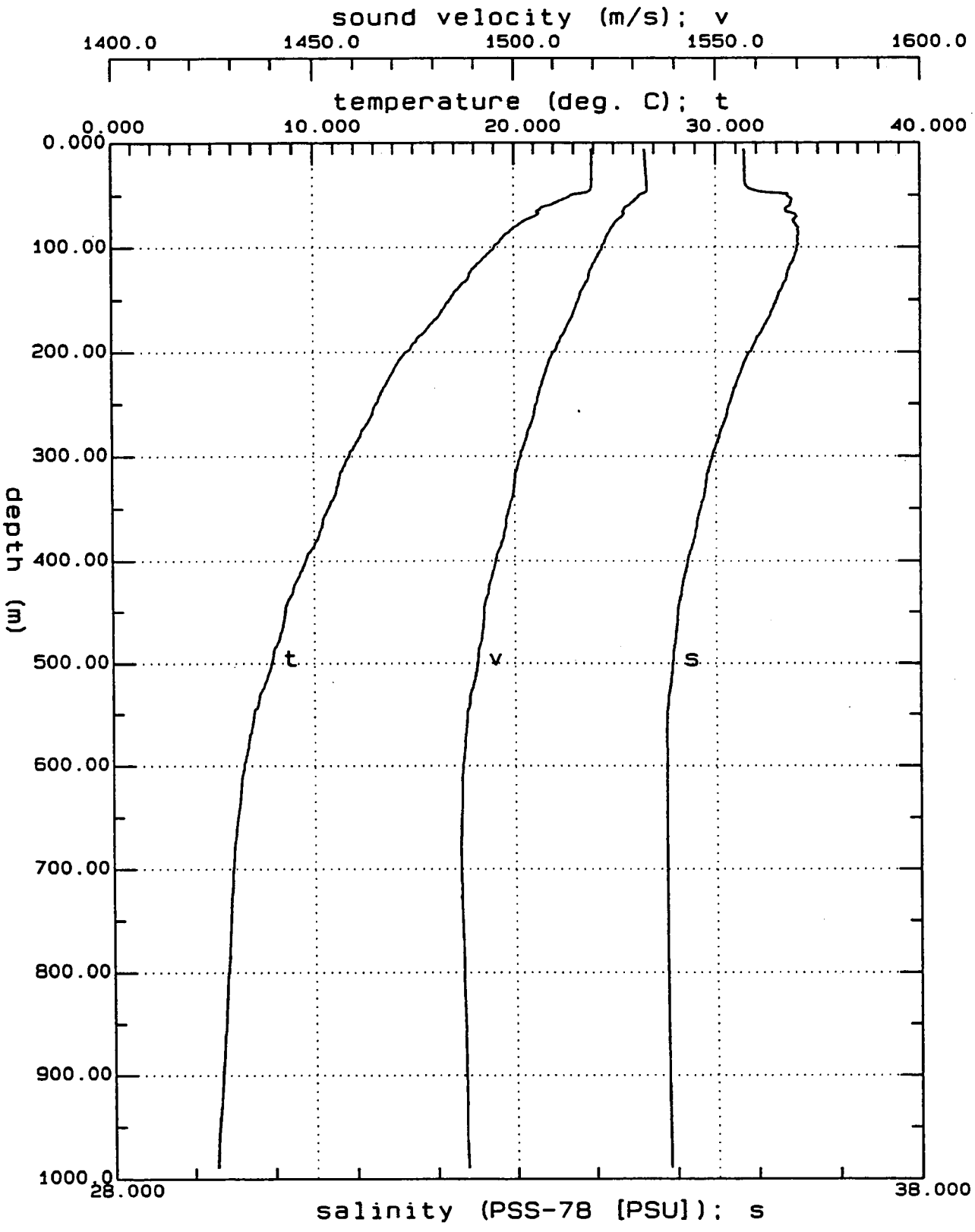
08-080.CNV: Gulfcet Cruise 03



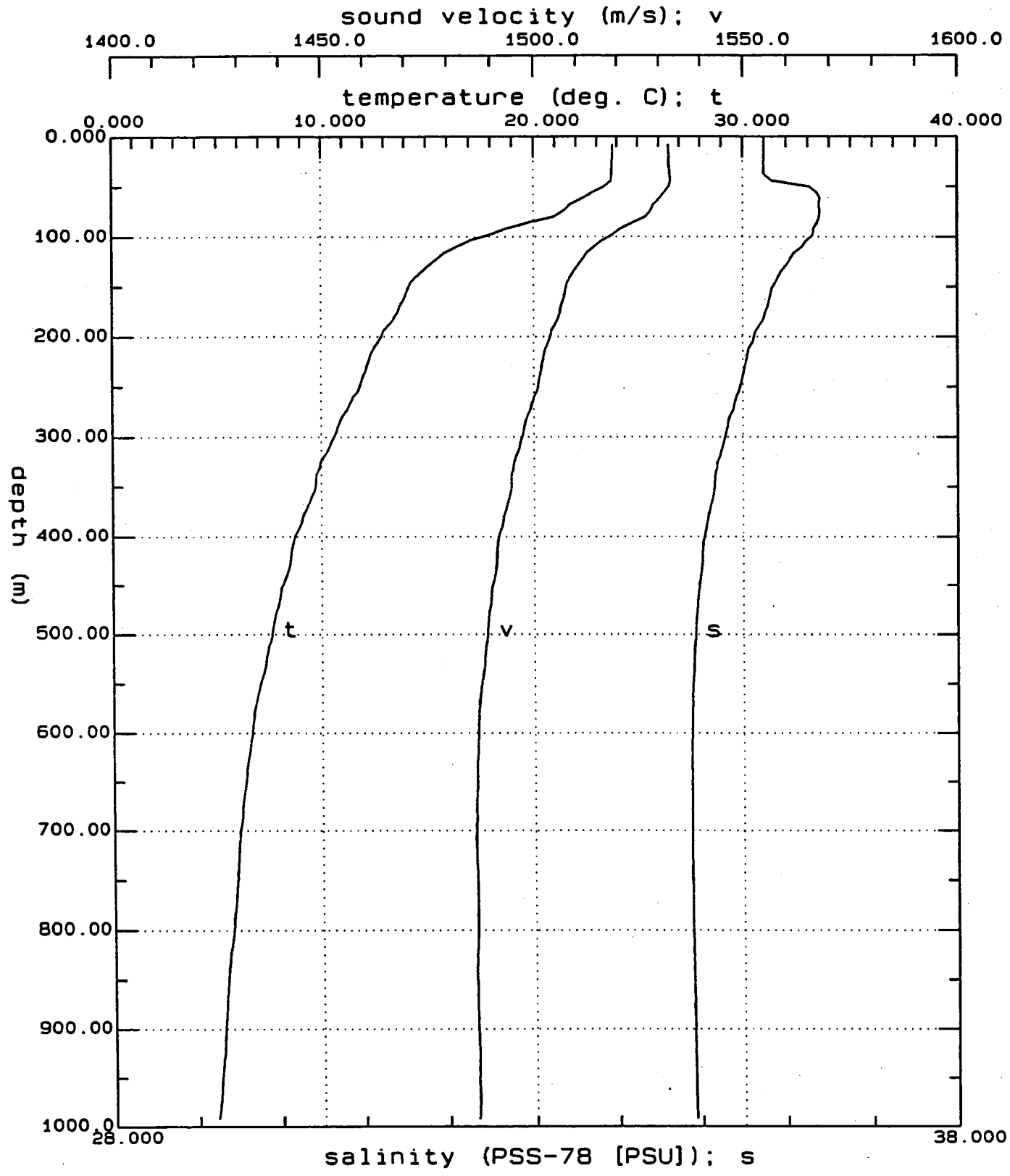
08-086.CNV: Gulfcet Cruise 03



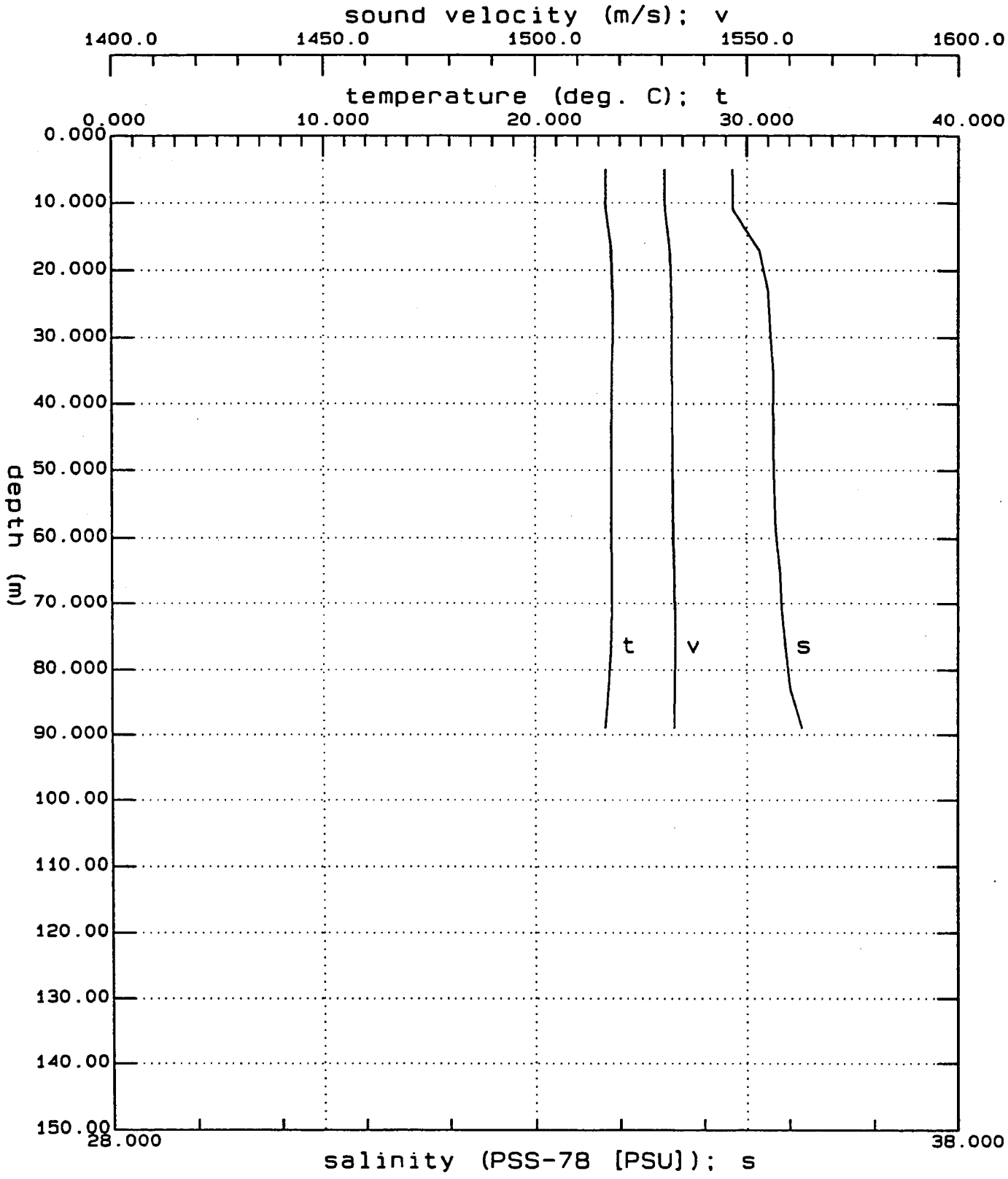
09-087.CNV: Gulfcet Cruise 03



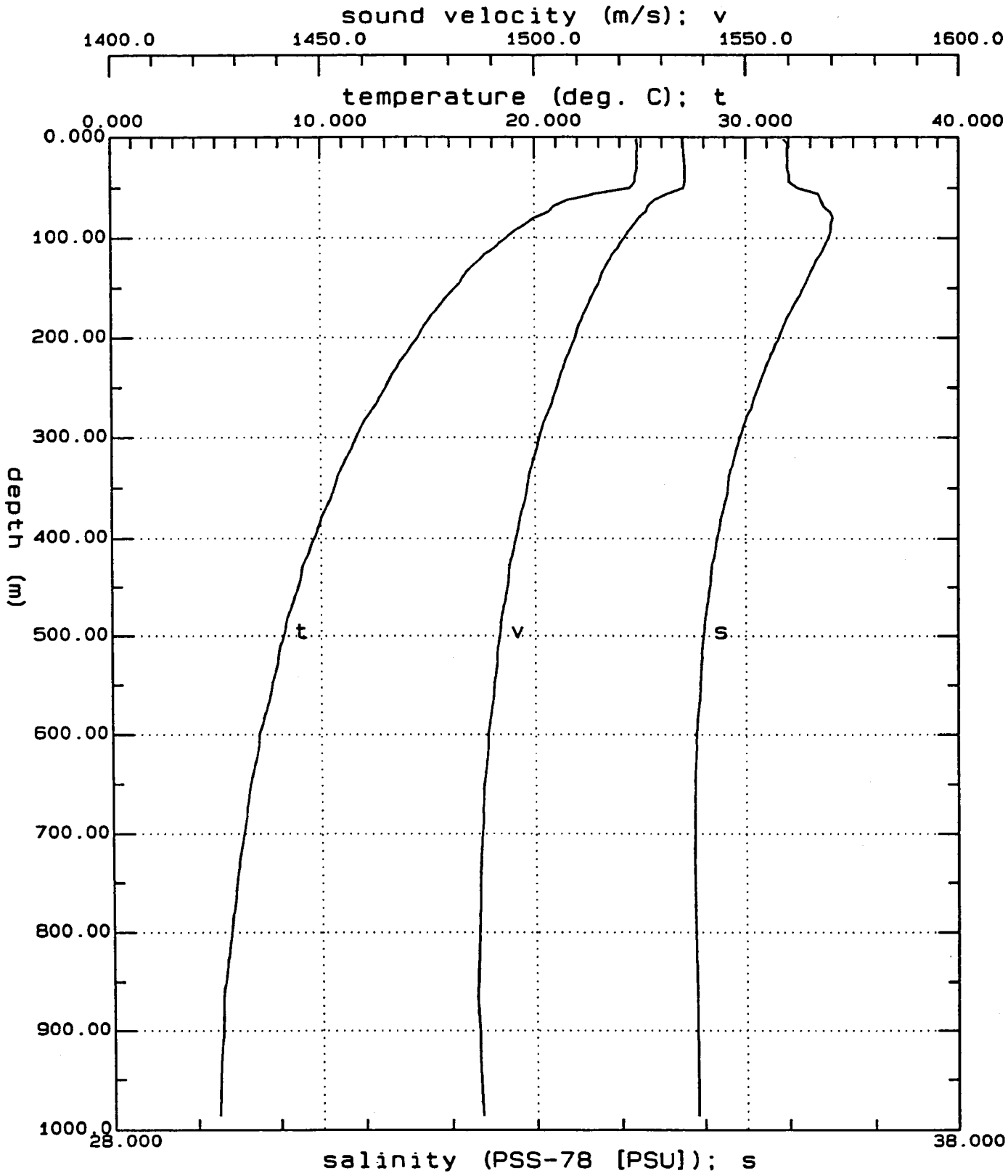
09-093.CNV: Gulfcet Cruise 03



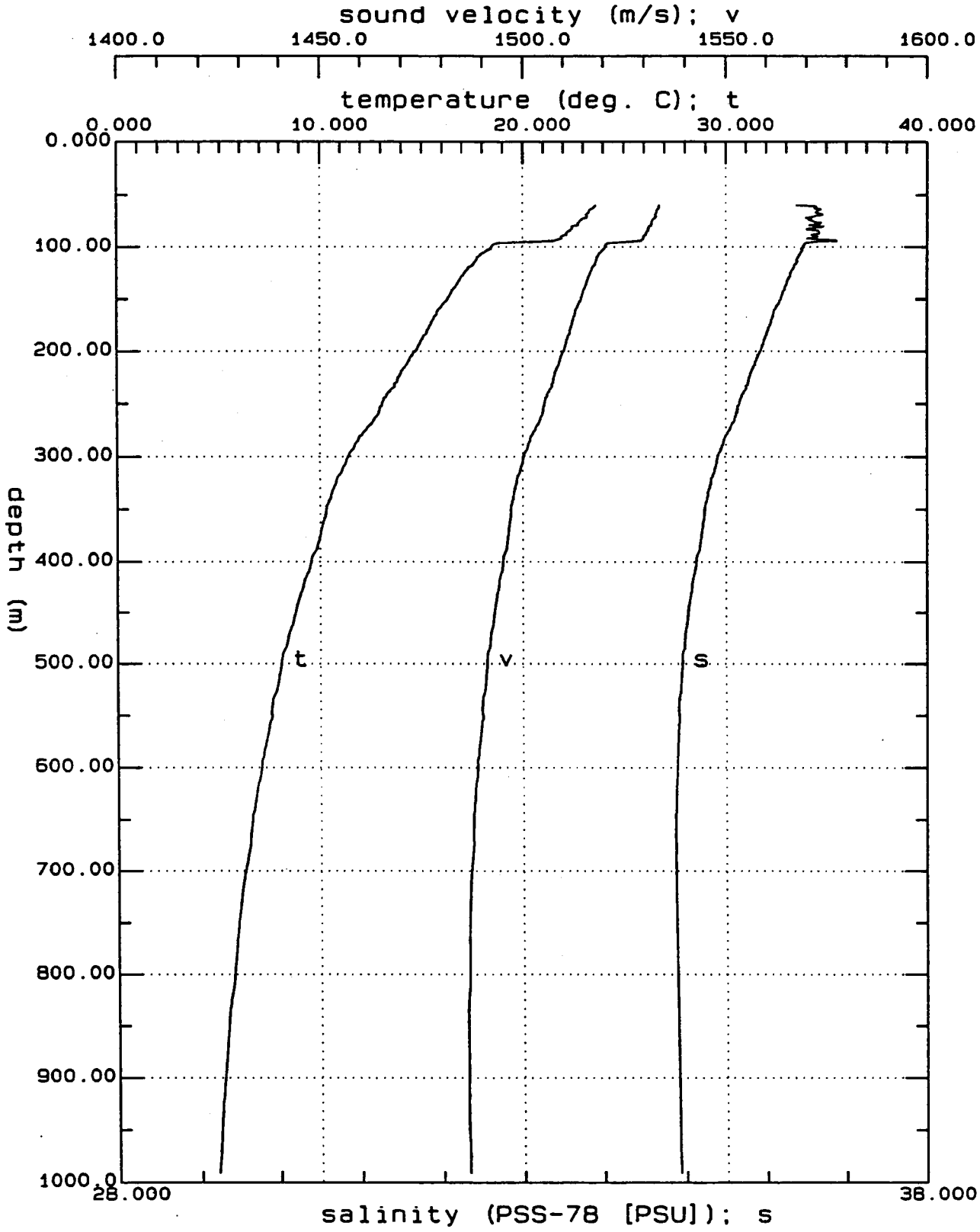
09-096.CNV: Gulfcet Cruise 03



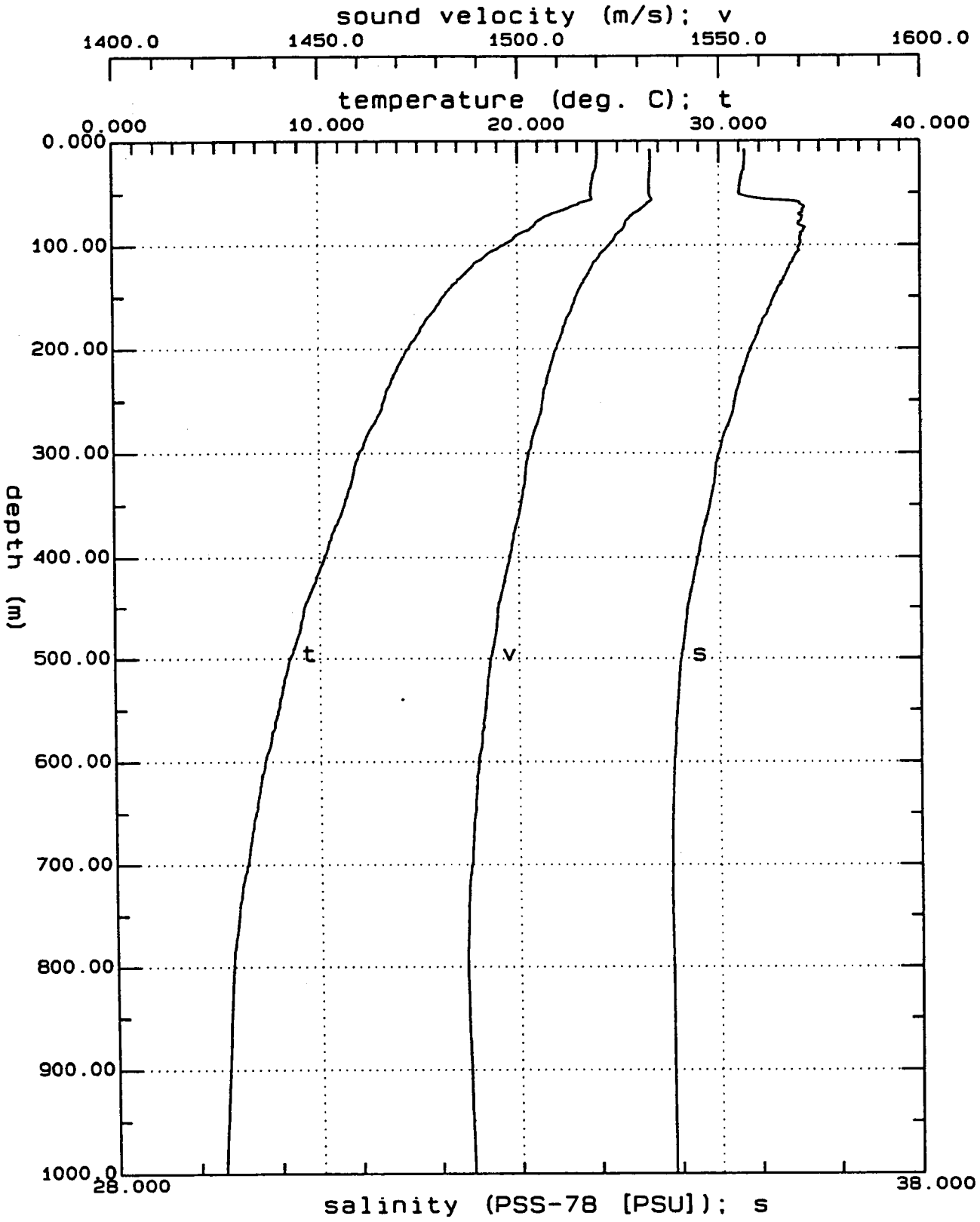
11-106.CNV: Gulfcet Cruise 03



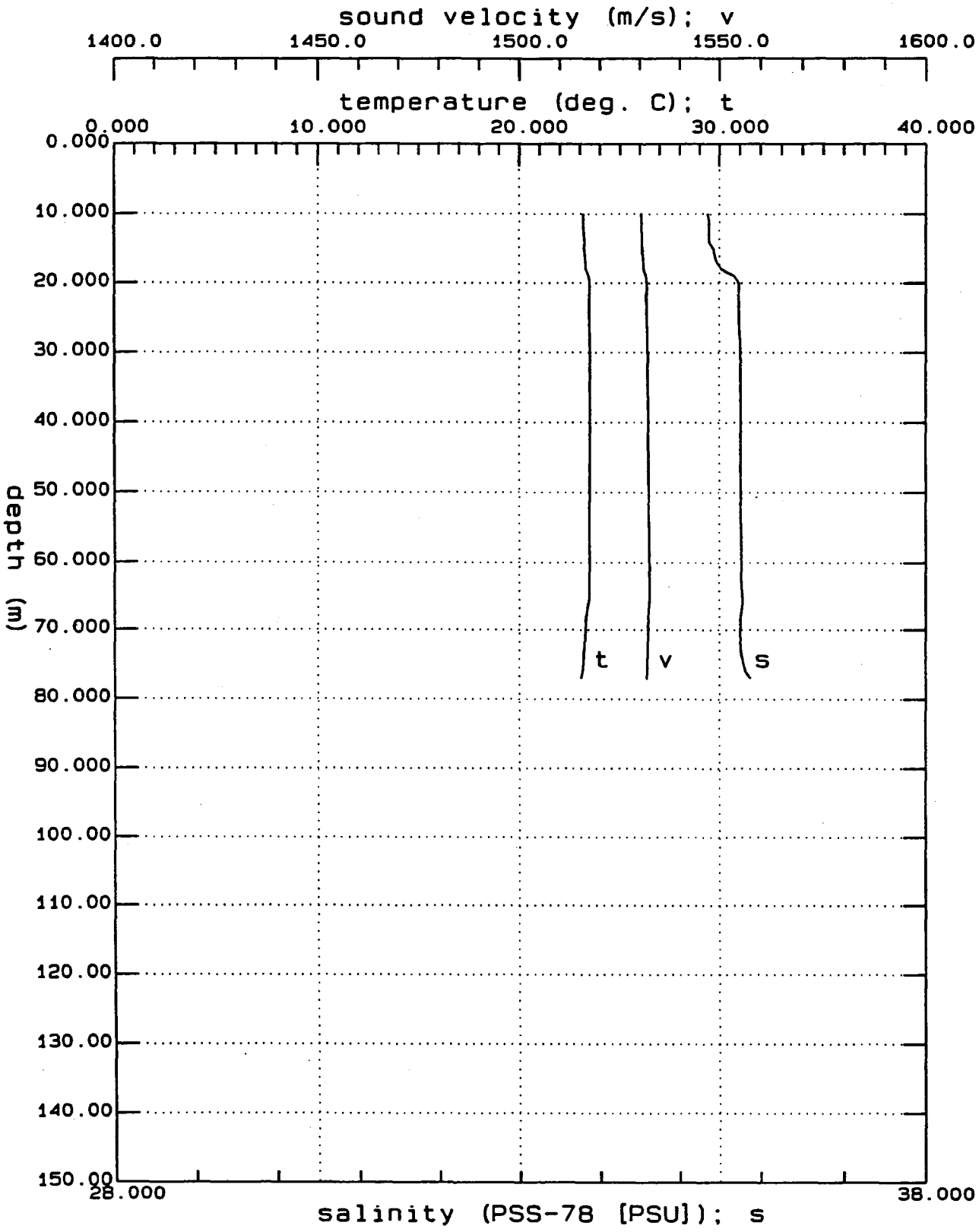
11-112.CNV: Gulfcet Cruise 03



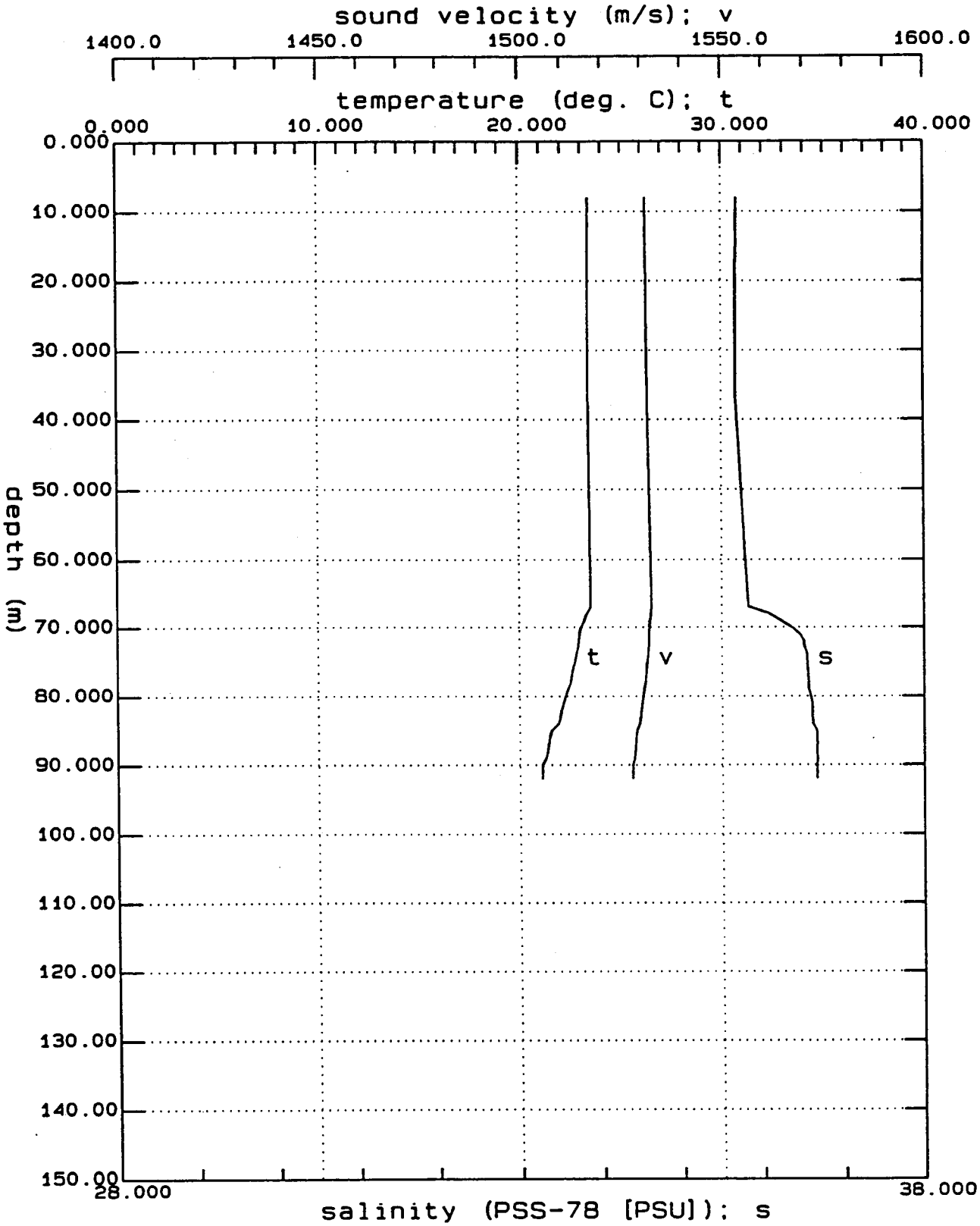
12-117.CNV: Gulfcet Cruise 03



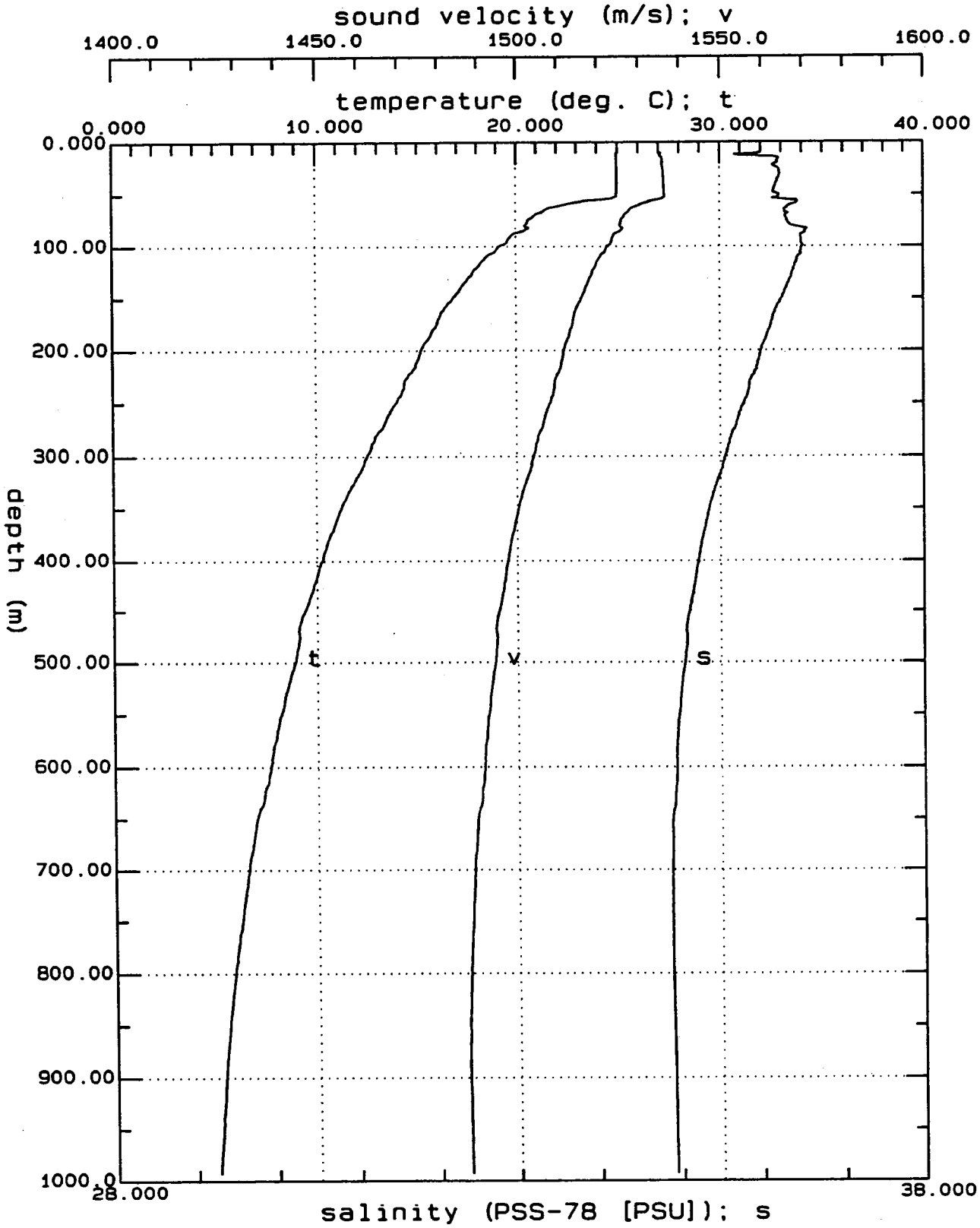
12-119.CNV: Gulfcet Cruise 03



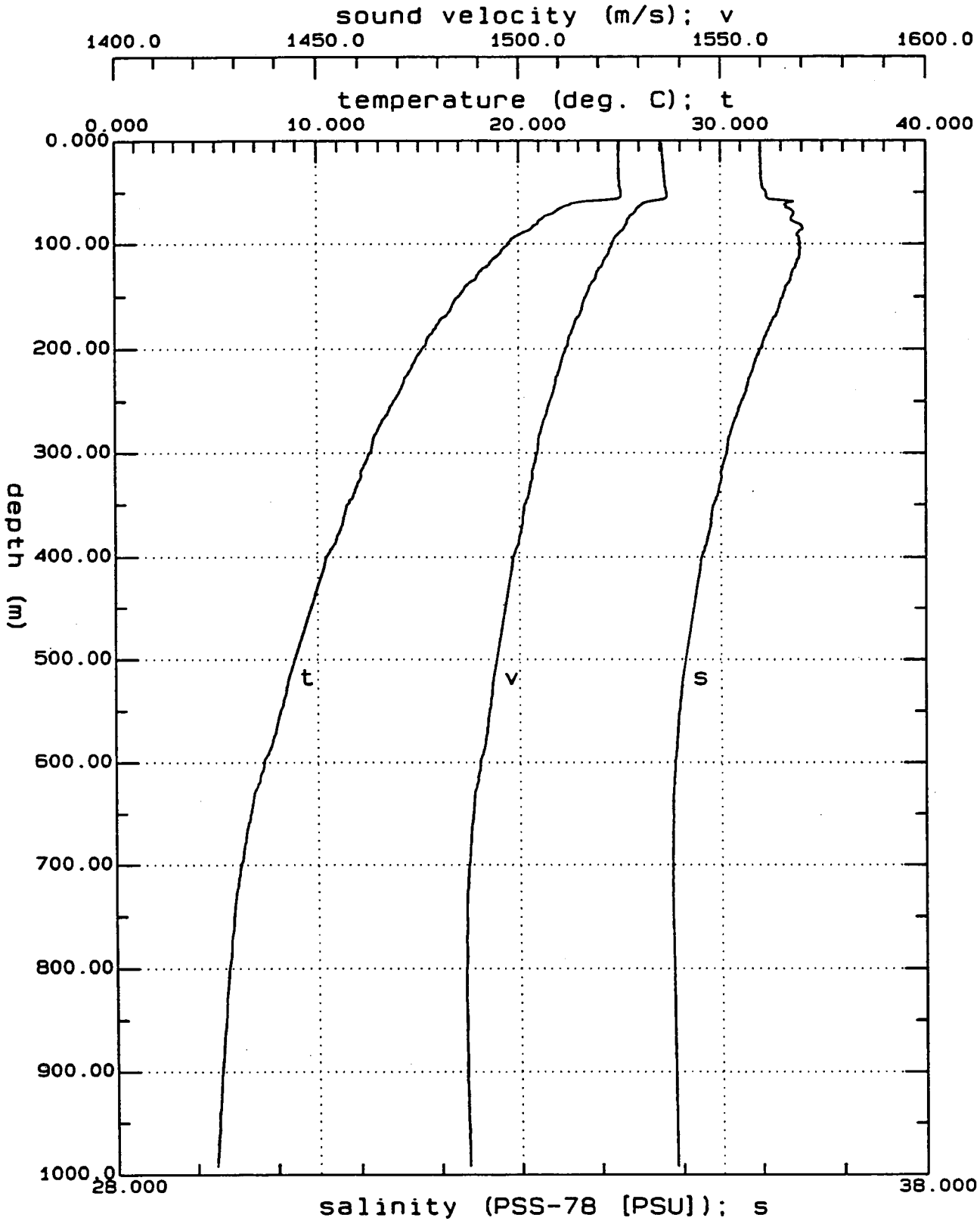
12-125.CNV: Gulfcet Cruise 03



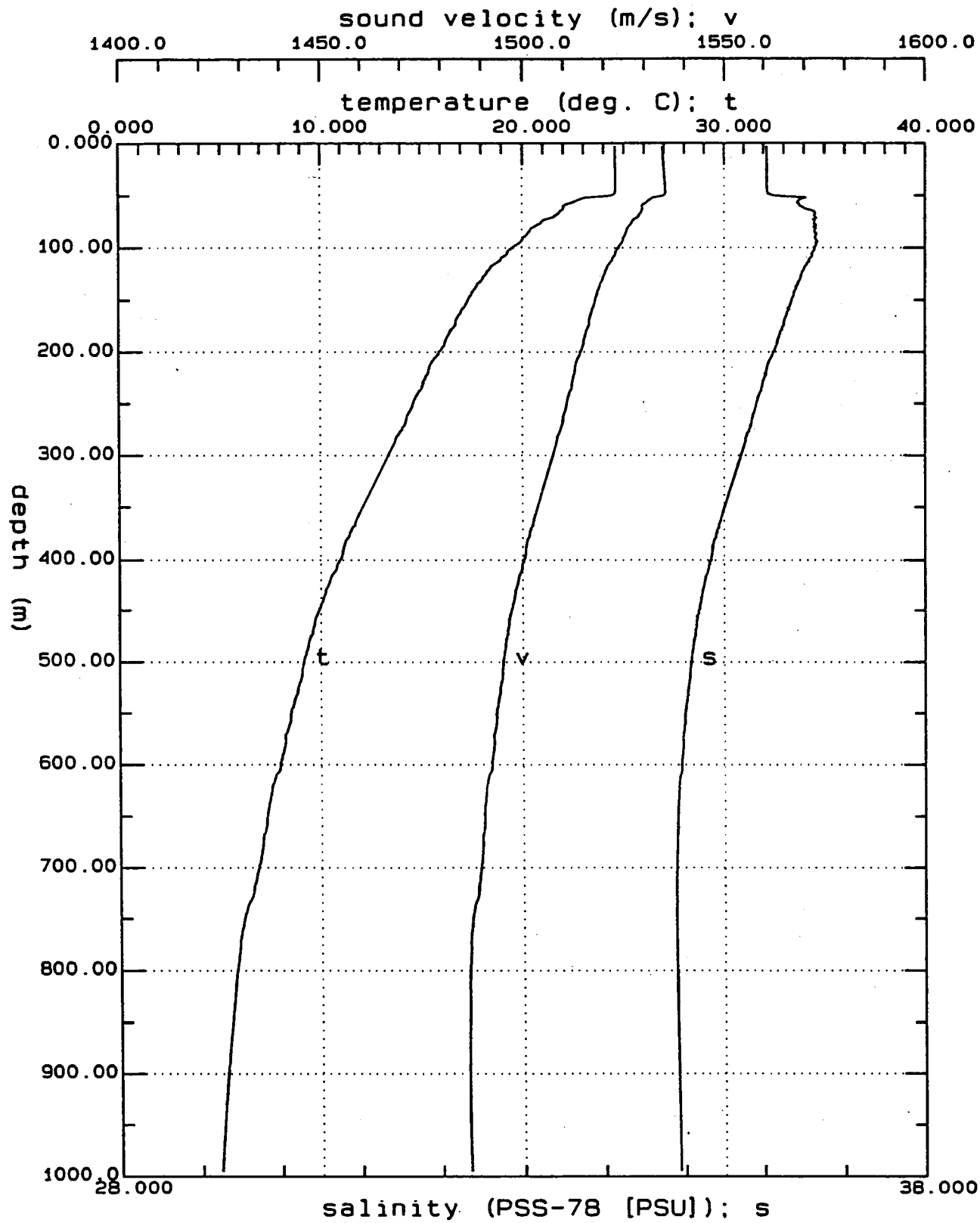
13-126.CNV: Gulfcet Cruise 03



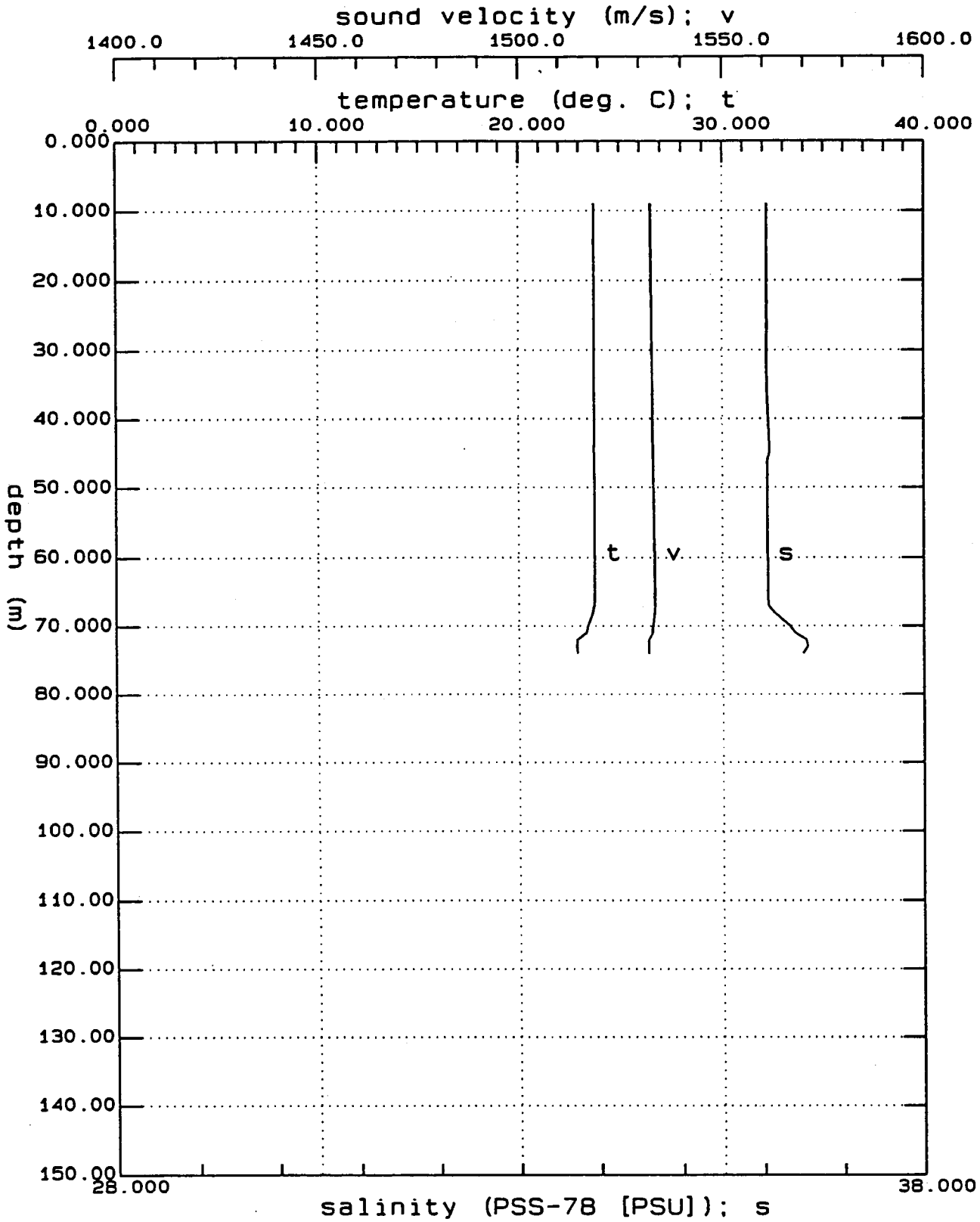
13-133.CNV: Gulfcet Cruise 03



14-135.CNV: Gulfcet Cruise 03

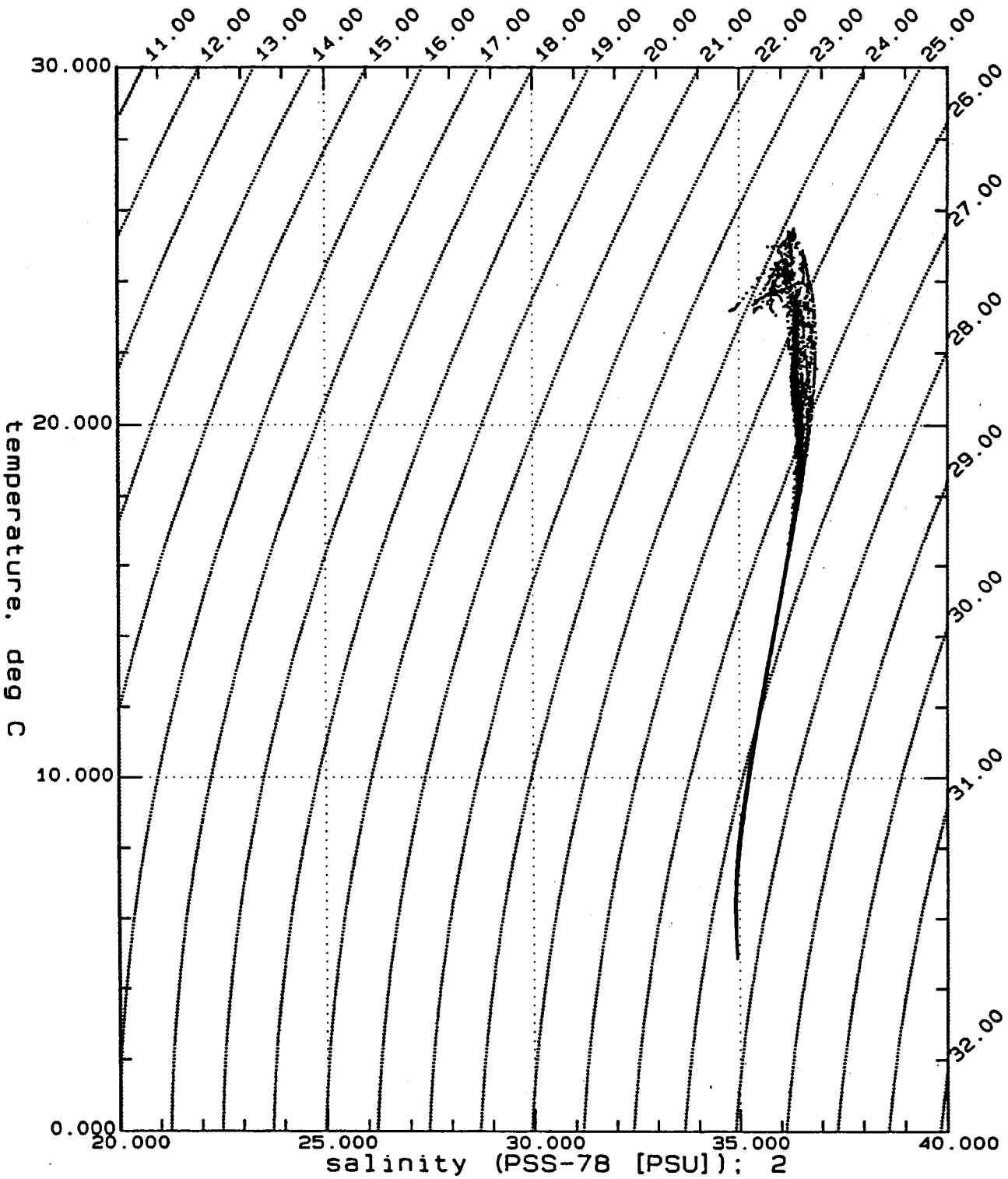


14-136.CNV: Gulfcet Cruise 03

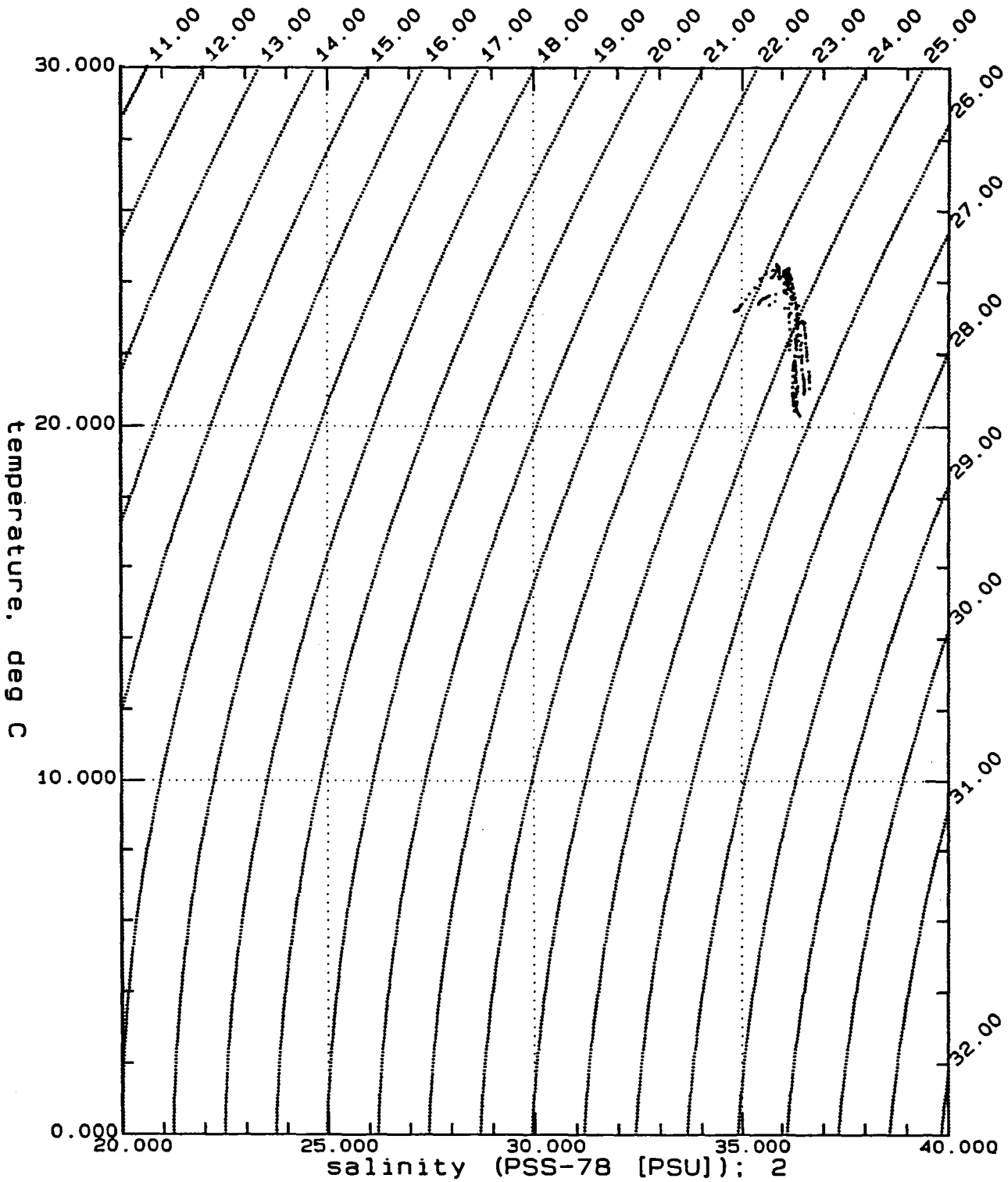


14-143.CNV: Gulfcet Cruise 03

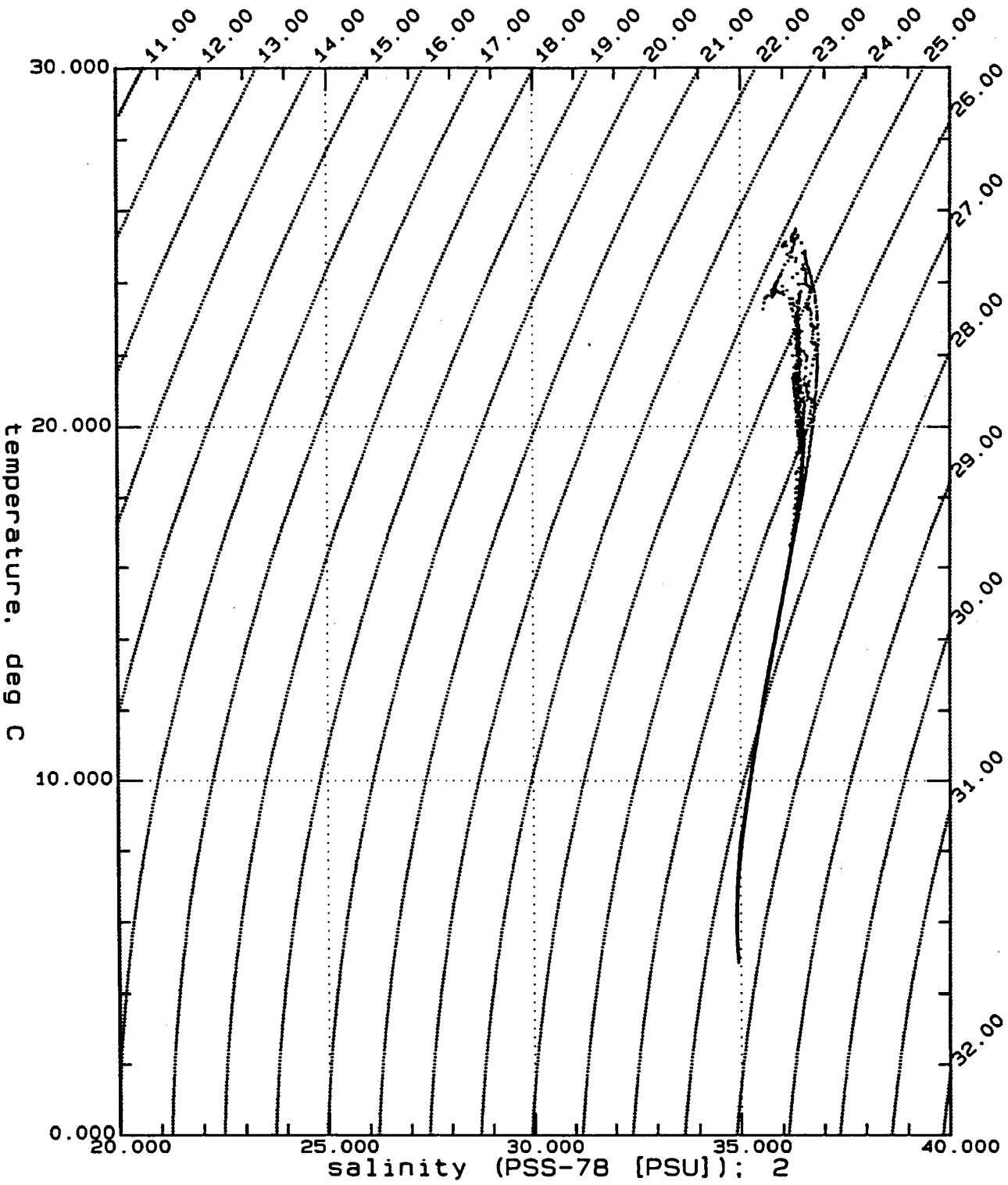
4.6 T-S Plots



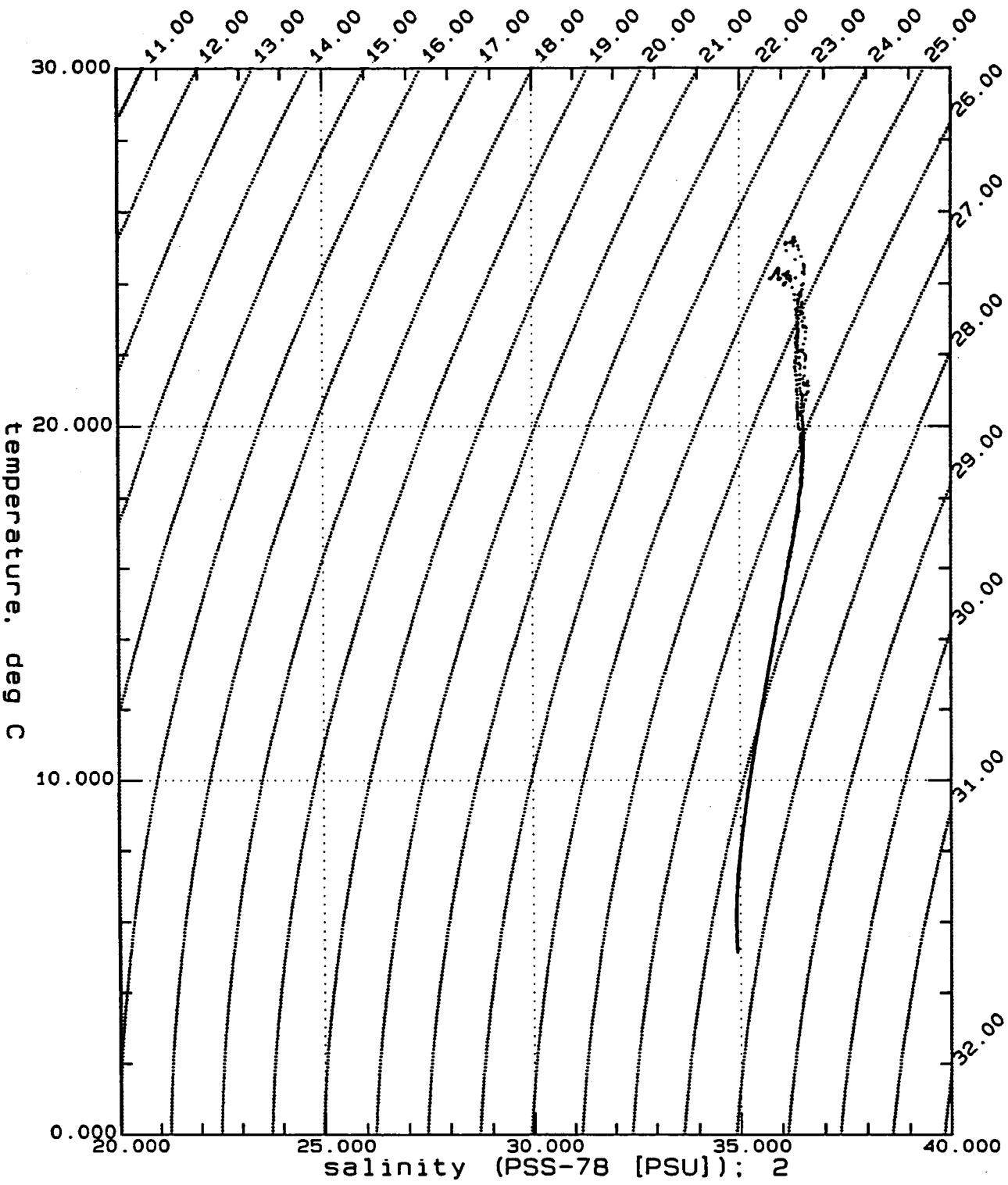
Gulfcet Cruise 03 - All Stations



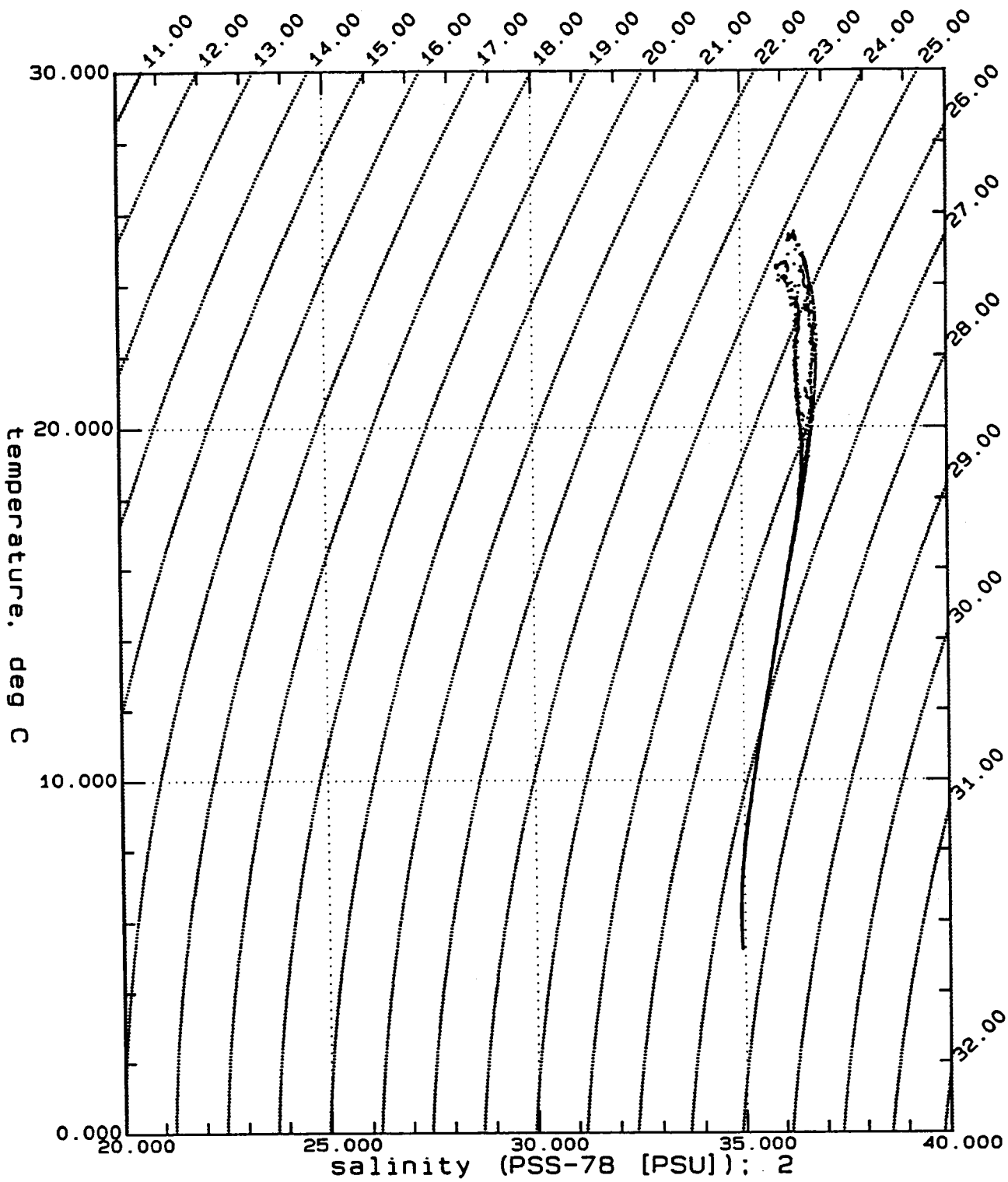
Gulfcet Cruise 03 - Inshore Stations



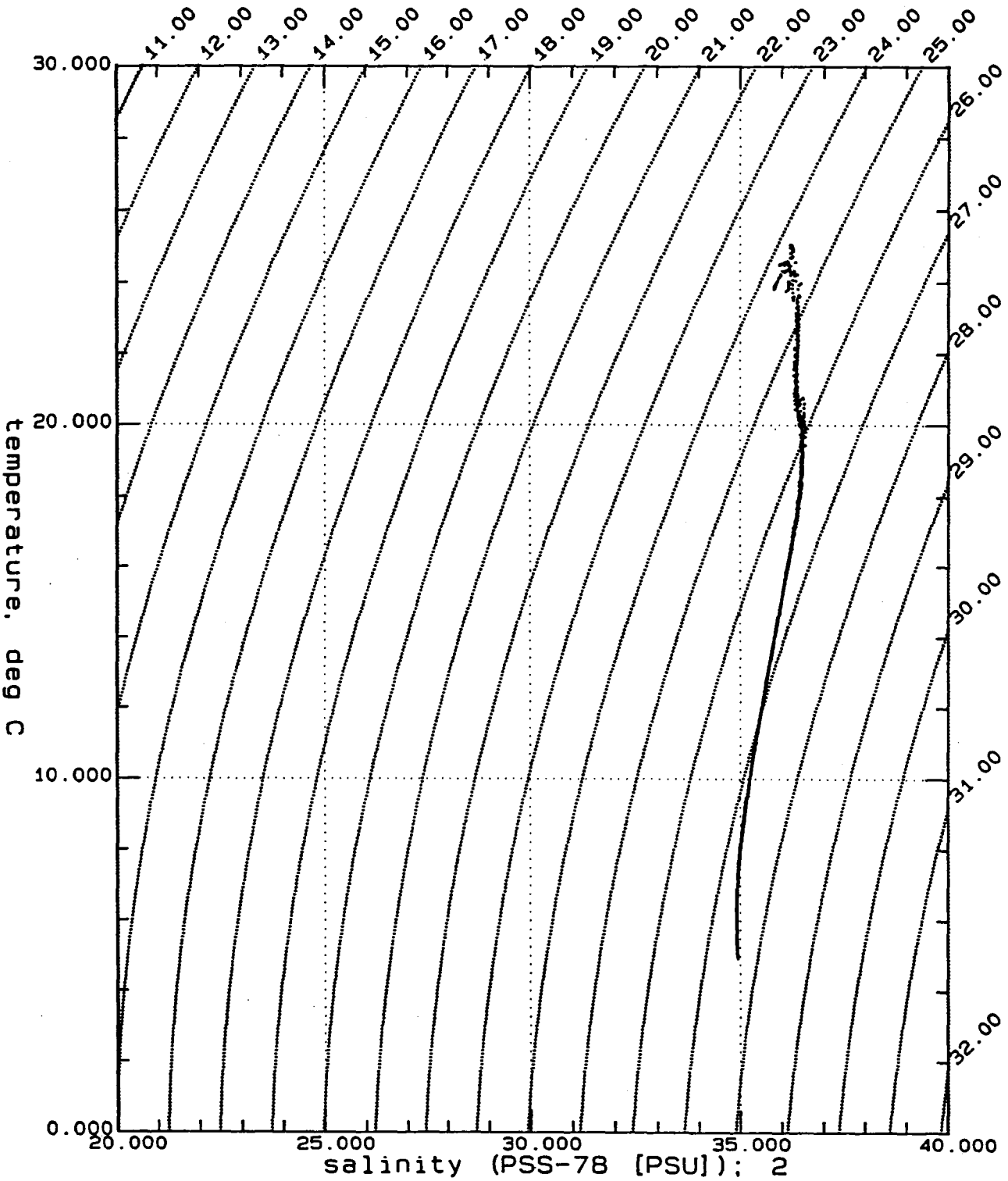
Gulfcet Cruise 03 - Offshore Stations



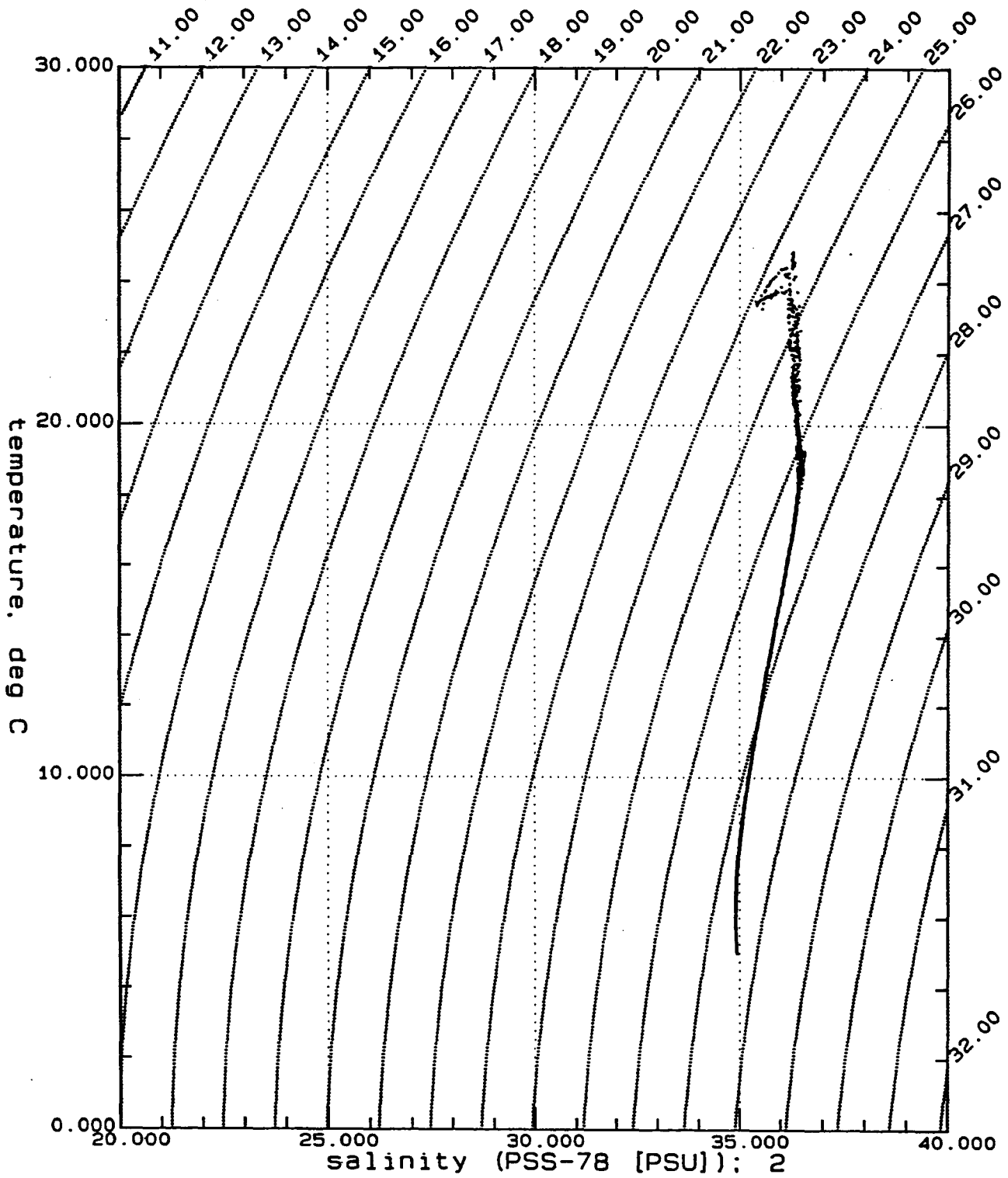
Gulfcet Cruise 03 - Lines 01 and 02



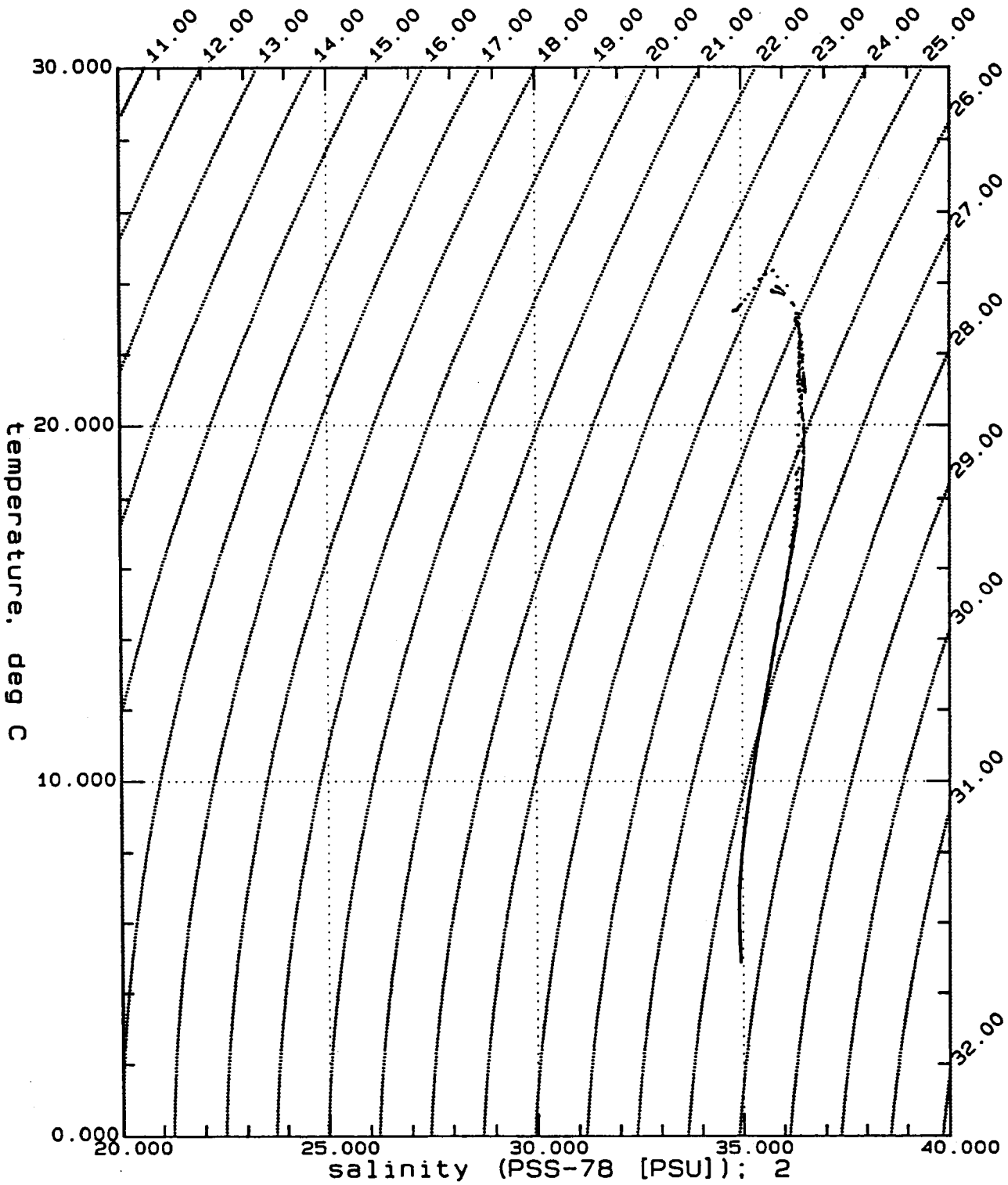
Gulfcet Cruise 03 - Lines 03 and 04



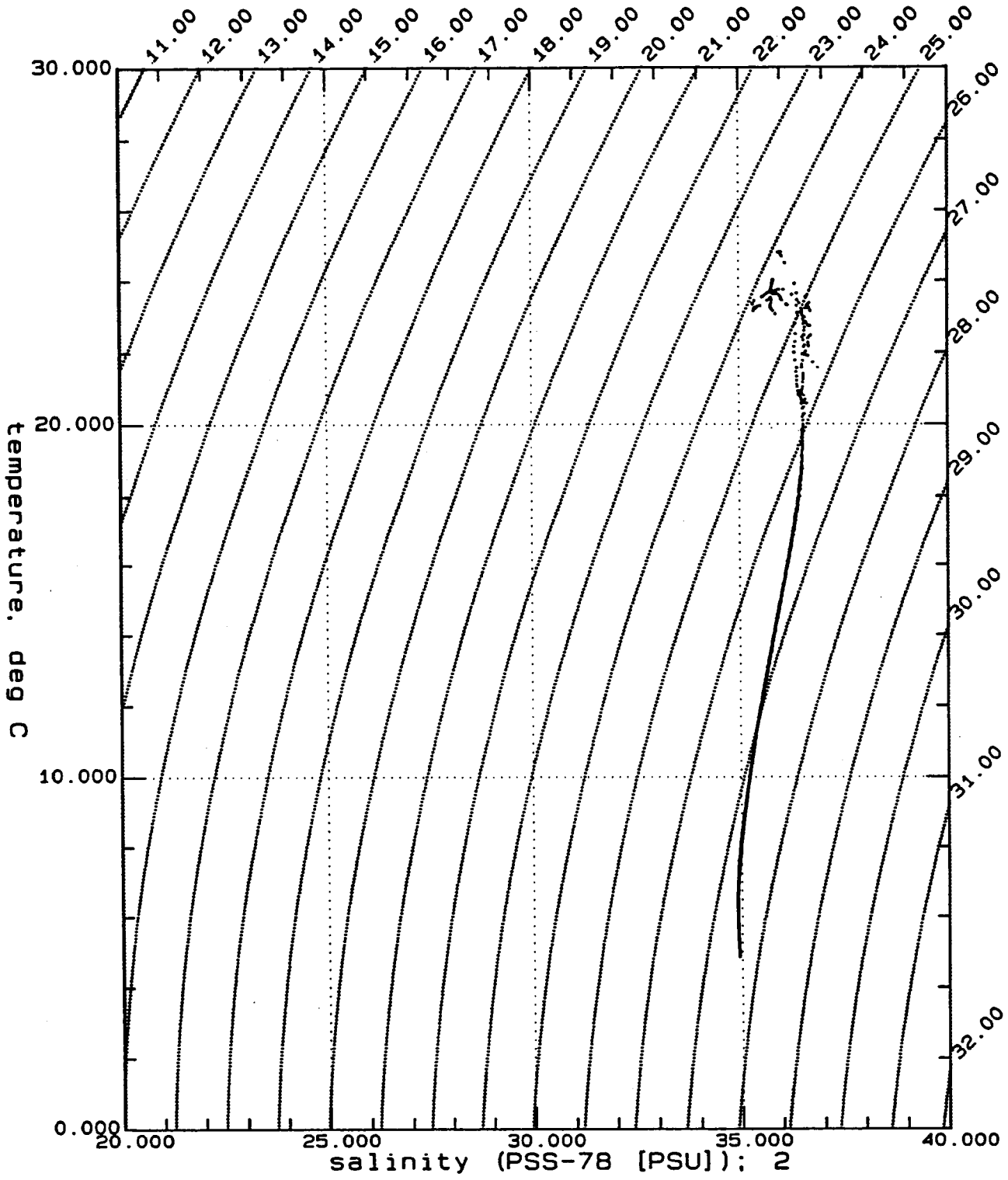
Gulfcet Cruise 03 - Lines 05 and 06



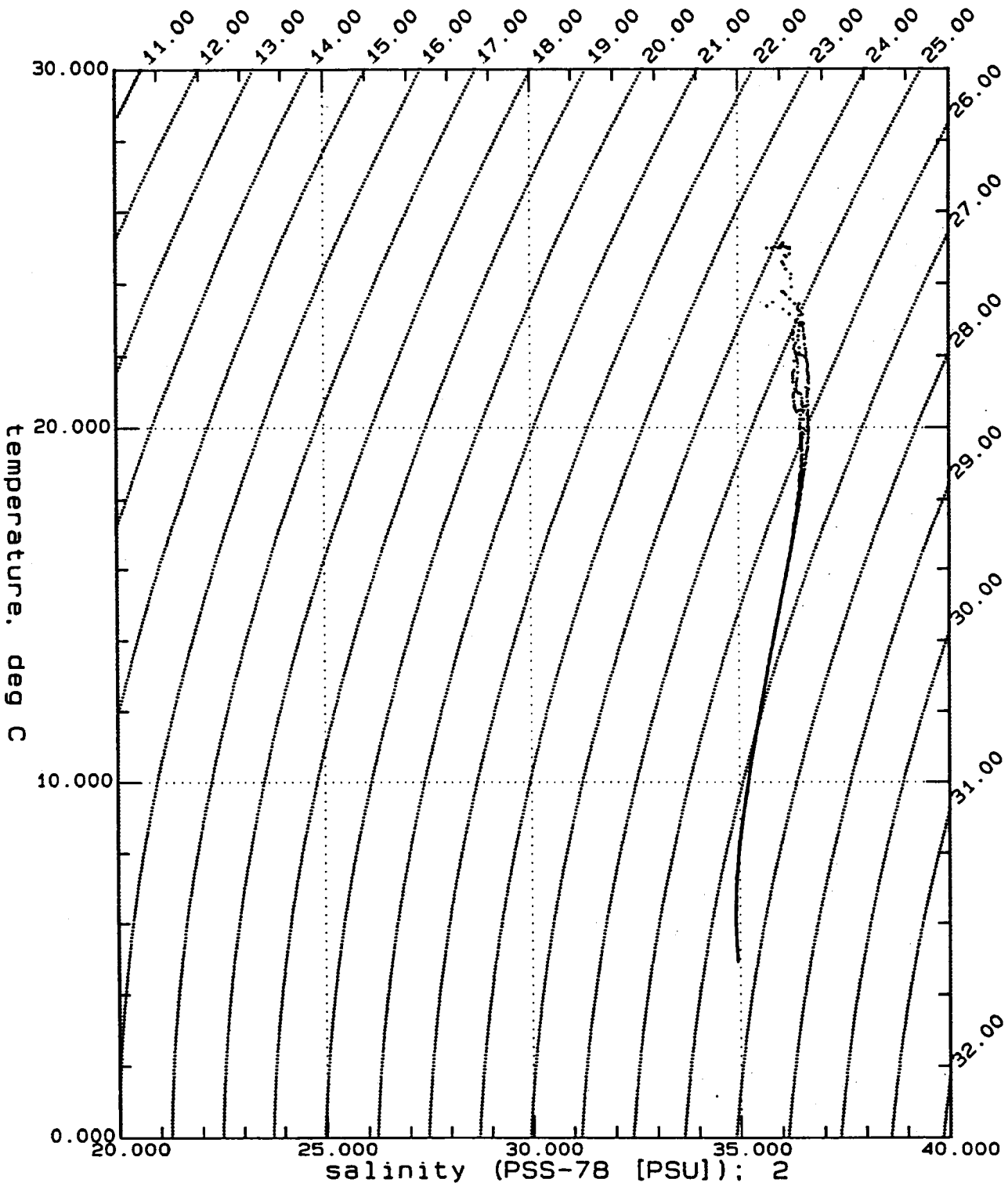
Gulfcet Cruise 03 - Lines 07 and 08



Gulfcet Cruise 03 - Lines 09 and 10

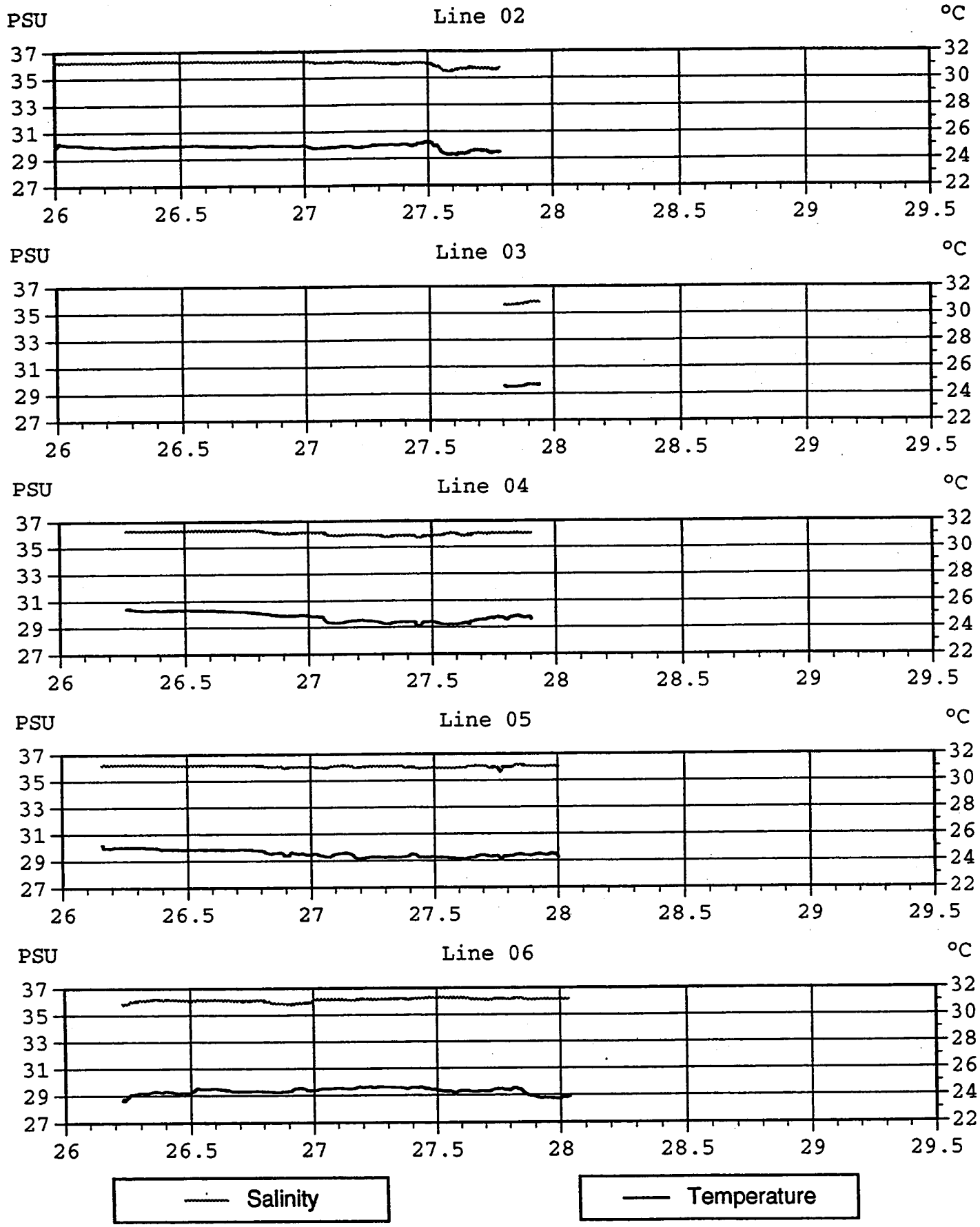


Gulfcet Cruise 03 - Lines 11 and 12



Gulfcet Cruise 03 - Lines 13 and 14

4.7 Continuously Recording Data


PSU
Line 02
°C
37
35
33
31
29
27
32
30
28
26
24
22
26
26.5
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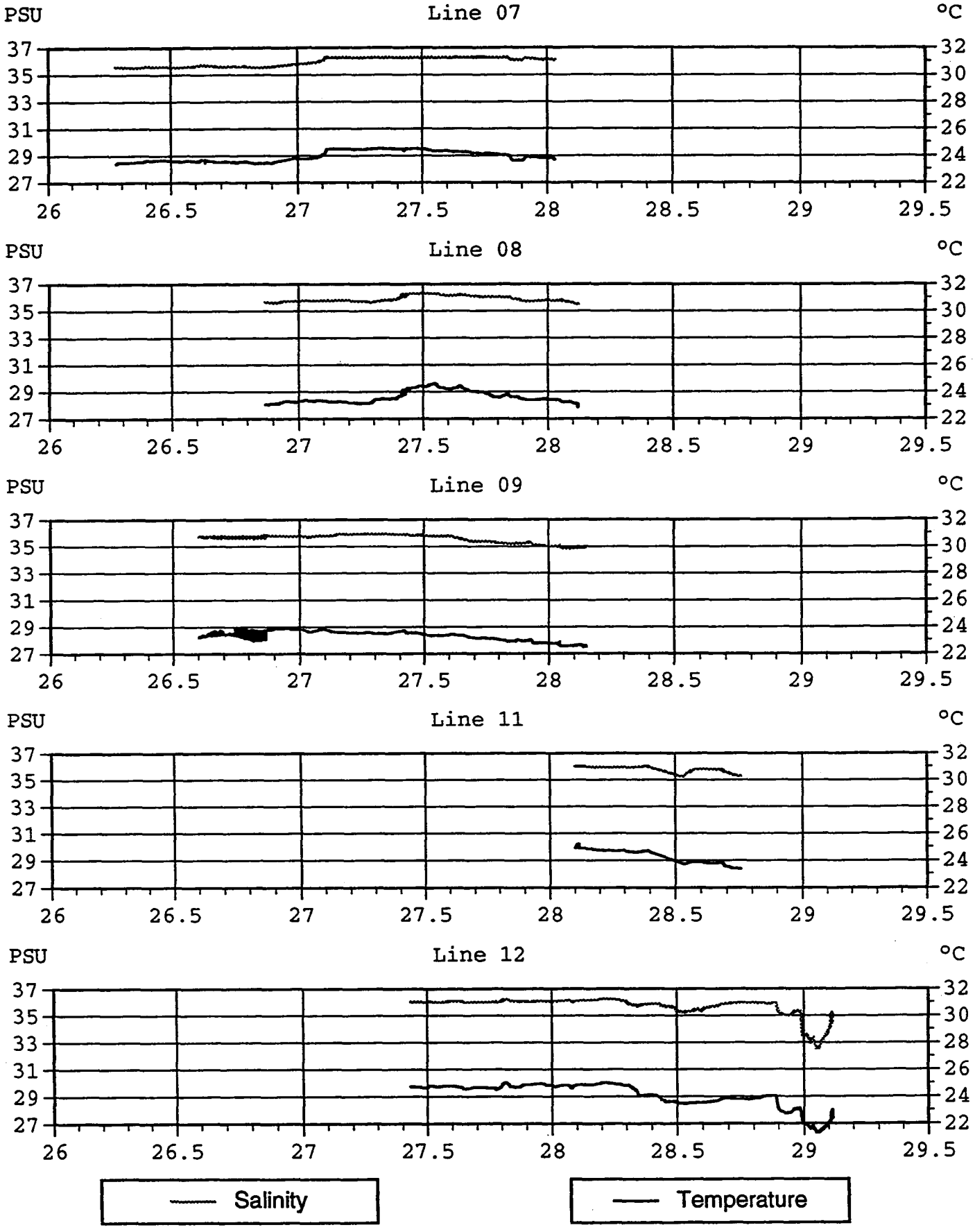
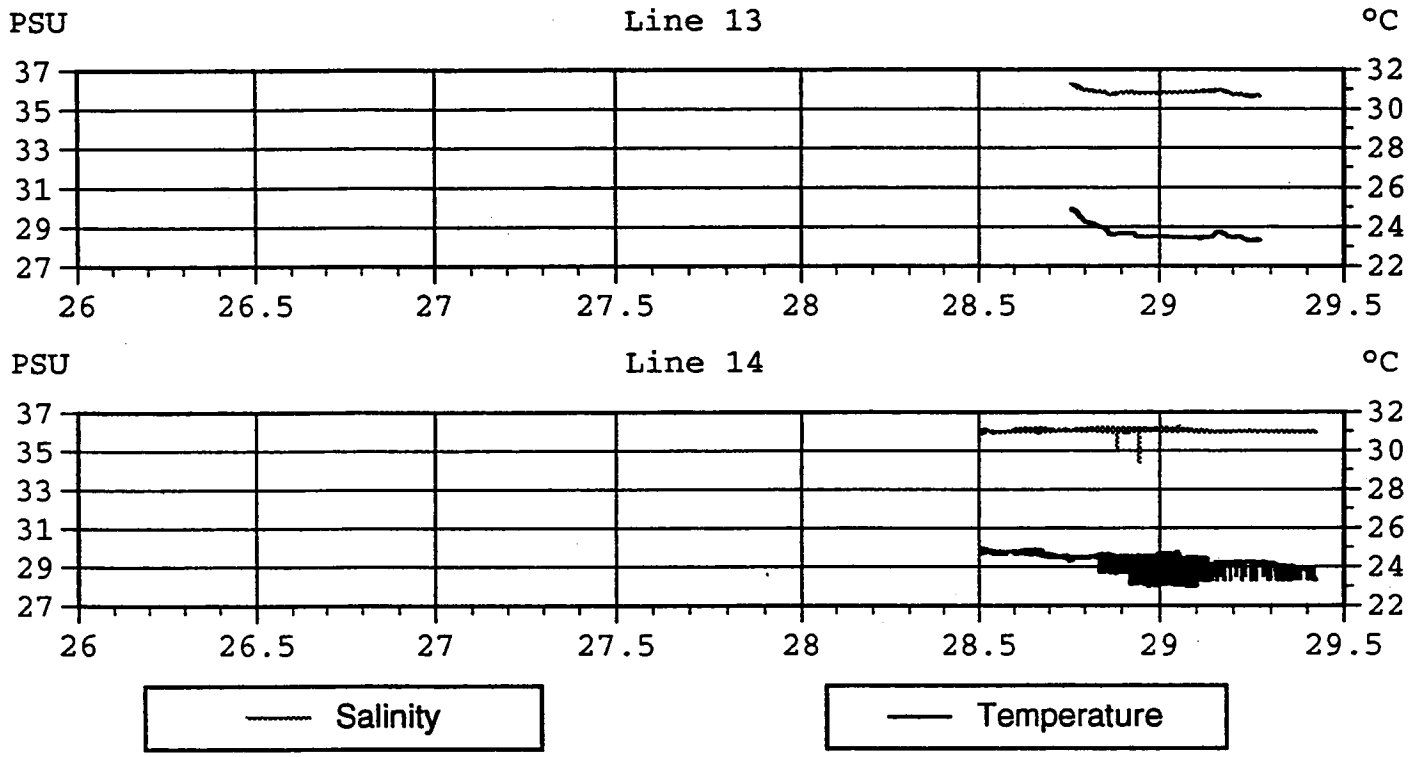
27.5
28
28.5
29
29.5
PSU
Line 03
°C
PSU
Line 04
°C
PSU
Line 05
°C
PSU
Line 06
°C
Salinity
Temperature


PSU
Line 07
°C
37
35
33
31
29
27
32
30
28
26
24
22
26
26.5
27
27.5
28
28.5
29
29.5
PSU
Line 08
°C
PSU
Line 09
°C
PSU
Line 11
°C
PSU
Line 12
°C
Salinity
Temperature

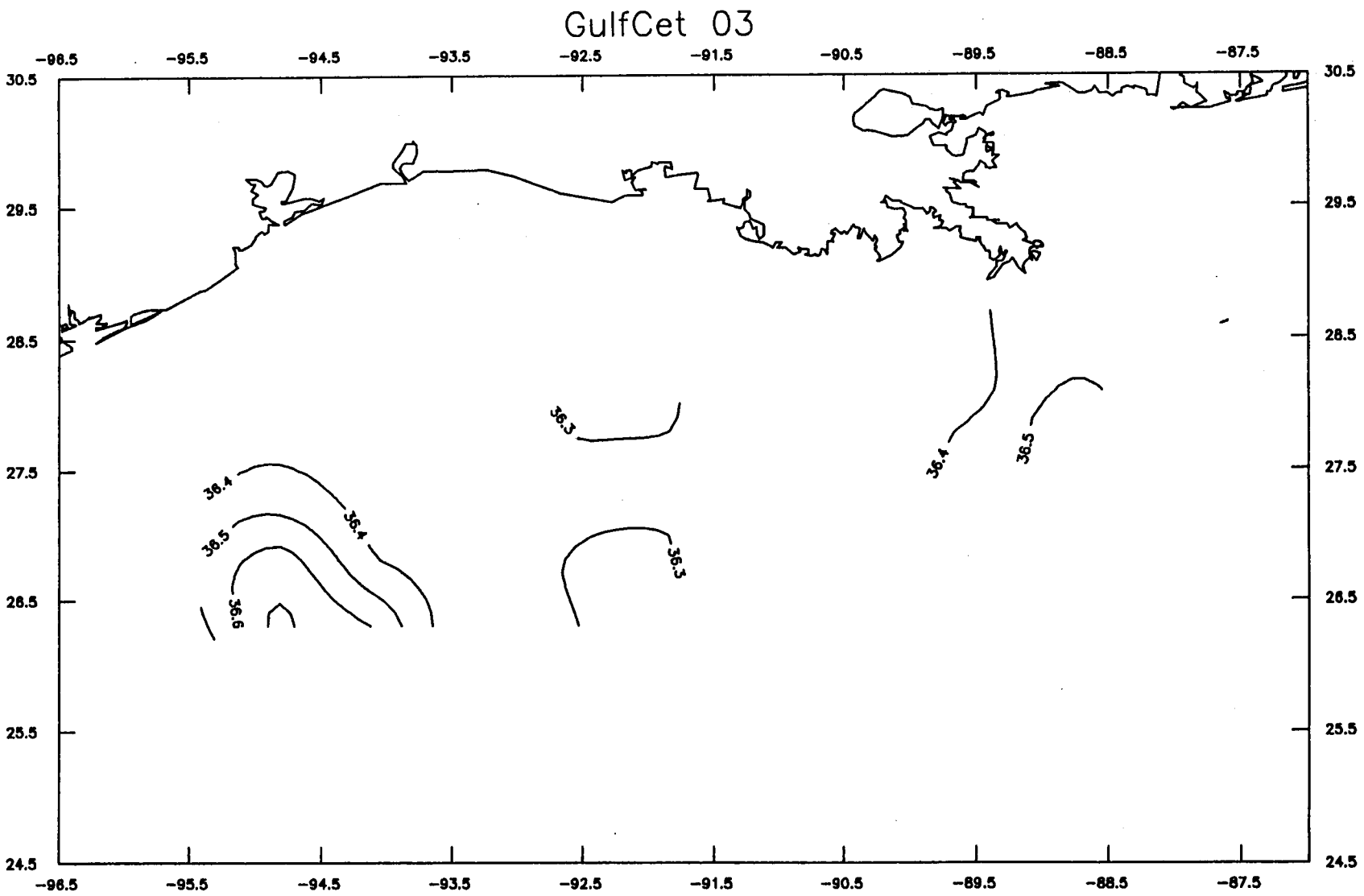
4.8 Salinity Data and Fresh Water Fraction


PSU
Line 13
°C
37
35
33
31
29
27
32
30
28
26
24
22
26
26.5
27
27.5
28
28.5
29
29.5
PSU
Line 14
°C
37
35
33
31
29
27
32
30
28
26
24
22
26
26.5
27
27.5
28
28.5
29
29.5
Salinity
Temperature

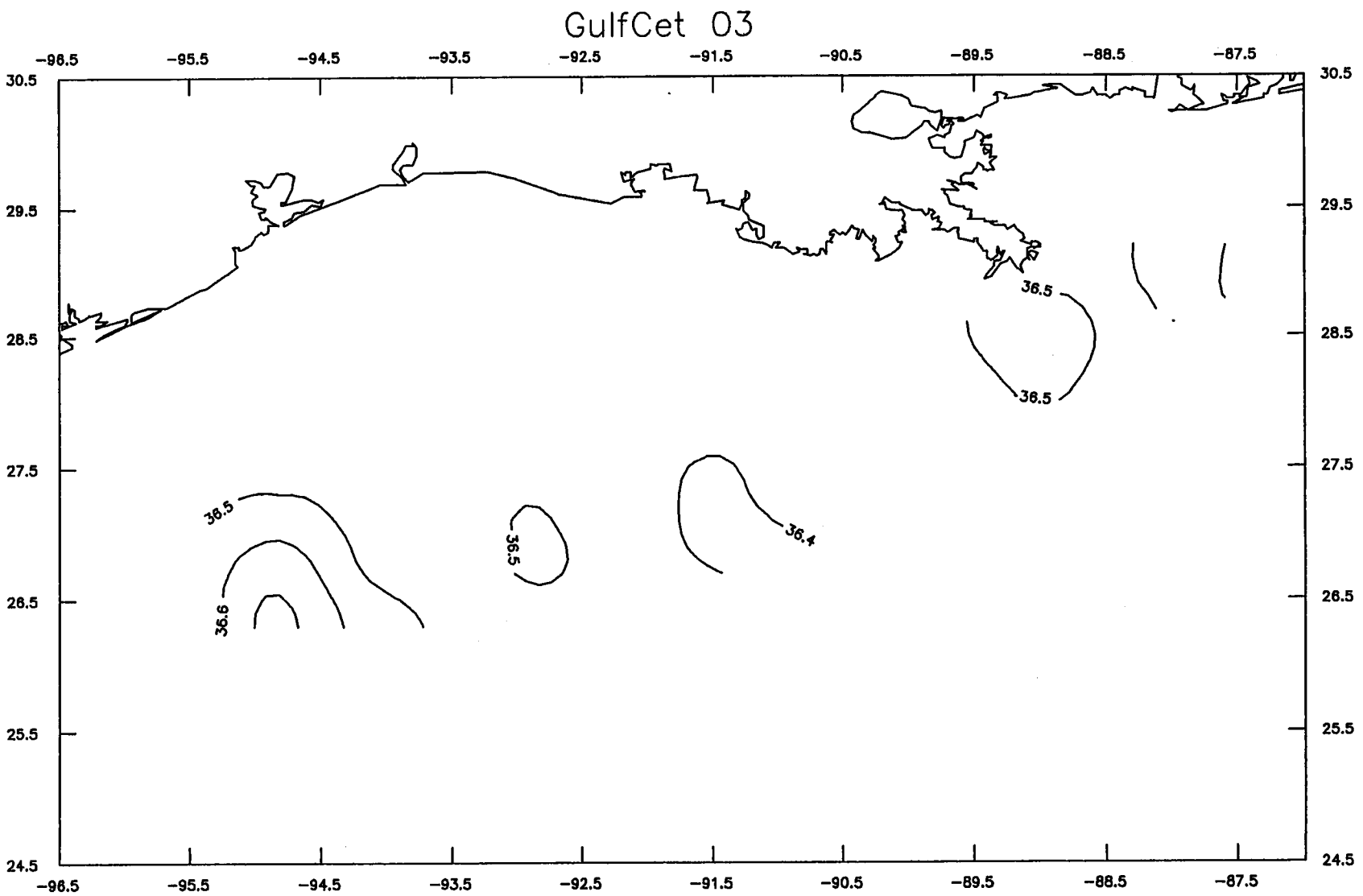
Data Summary Tables

Station	Depth	Bottle Salinity	CTD Salinity	Difference Bottle-CTD
02-010	1.1	36.2174	36.2308	-0.0134
02-010	1001.5	34.9265	34.9126	0.0139
02-013	1.9	36.2499	36.2619	-0.0120
02-013	1000.5	34.9183	34.9062	0.0121
02-015	9.2	36.0910	36.1247	-0.0337
02-015	846.3	34.9099	34.8981	0.0118
02-020	1.9	35.7302	35.7359	-0.0057
02-020	93.4	36.3170	36.3371	-0.0201
03-021	1.9	35.8601	35.8686	-0.0085
03-021	95.3	36.2754	36.3435	-0.0681
03-026	11.8	36.1721	36.1824	-0.0103
03-026	150.8	34.9210	36.4382	-1.5172
03-029	2.7	35.8042	35.8307	-0.0265
03-029	1003.8	34.9146	34.9010	0.0136
03-030	3.6	36.2441	36.2041	0.0400
03-030	999.4		34.8995	
04-031	2.5	36.3004	36.3132	-0.0128
04-031	1001.2	34.9184	34.9042	0.0142
04-033	2.7	36.3151	36.3309	-0.0158
04-033	1002.7	34.9220	34.9102	0.0118
04-036	3.6	35.7688	35.7443	0.0245
04-036	803.1	34.9055	34.8923	0.0132
04-042	1.9	36.0477	36.0596	-0.0119
04-042	96.4	36.3791	36.3697	0.0094
05-043	0.8	36.0325	36.0409	-0.0084
05-043	86.2	36.2796	36.2581	0.0215
05-047	1.7	35.9434	35.9514	-0.0080
05-047	565.0	34.9641	34.9508	0.0133
05-050	2.6	36.1593	36.1717	-0.0124
05-050	1003.3	34.9268	34.9143	0.0125
05-053	3.0	36.2345	36.2491	-0.0146
05-053	1001.9	34.9262	34.9150	0.0112
06-054	1.4	35.7833	35.7901	-0.0068
06-054	1000.6	34.9265	34.9145	0.0120
06-055	1.1	36.0883	36.0984	-0.0101
06-055	1001.5	34.9371	34.9192	0.0179
06-064	3.0	36.1374	36.1412	-0.0038
06-064	91.3	36.2771	36.2991	-0.0220
07-065	1.9	36.2618	36.1279	0.1339
07-065	97.0	36.1164	36.2799	-0.1635
07-071	4.6	36.2623	36.2750	-0.0127
07-071	758.0	34.9068	34.8932	0.0136
07-073	10.4	35.6465	35.6463	0.0002
07-073	997.5	34.9331	34.9190	0.0141
07-075	1.8	35.6028	35.6069	-0.0041
07-075	993.2	34.9503	34.9152	0.0351
08-076	2.8	35.7443	35.7508	-0.0065
08-076	1000.3	34.9245	34.9155	0.0090
08-080	3.6	36.2530	36.2702	-0.0172
08-080	924.0	34.9371	34.9143	0.0228
08-086	1.3	35.4380	35.4299	0.0081
08-086	95.7	36.4071	36.4371	-0.0300
09-087	2.6	34.8961	34.8837	0.0124
09-087	100.4	36.5179	36.5398	-0.0219
09-093	2.6	35.8747	35.8738	0.0009
09-093	993.2	34.9271	34.9147	0.0124
09-096	2.3	35.7687	35.7233	0.0454
09-096	1000.3	34.9361	34.9248	0.0113
11-106	2.5	35.3234	35.3099	0.0135
11-106	89.7	35.3088	36.1493	-0.8405
11-112	1.3	35.9822	35.9916	-0.0094
11-112	998.4	34.9358	34.9181	0.0177
12-117	1.4	35.9961	35.9906	0.0055
12-117	999.1	35.9855	34.9260	1.0595
12-119	5.3	35.8111	35.7708	0.0403
12-119	1004.6	34.9191	34.9105	0.0086
12-125	2.2	35.2038	35.1739	0.0299
12-125	76.0	35.7961	35.8041	-0.0080
13-126	3.5	35.6365	35.6423	-0.0058
13-126	91.3	35.6416	36.6588	-1.0172
13-133	20.5		36.0554	
13-133	1001.1		34.9155	
14-135	41.5	35.9393	35.9315	0.0078
14-135	997.2	34.9311	34.9217	0.0094
14-136	6.6	36.0919	36.1043	-0.0124
14-136	1002.0	34.9324	34.9228	0.0096
14-143	1.0	36.0551	36.0666	-0.0115
14-143	70.0	36.4687	36.4707	-0.0020

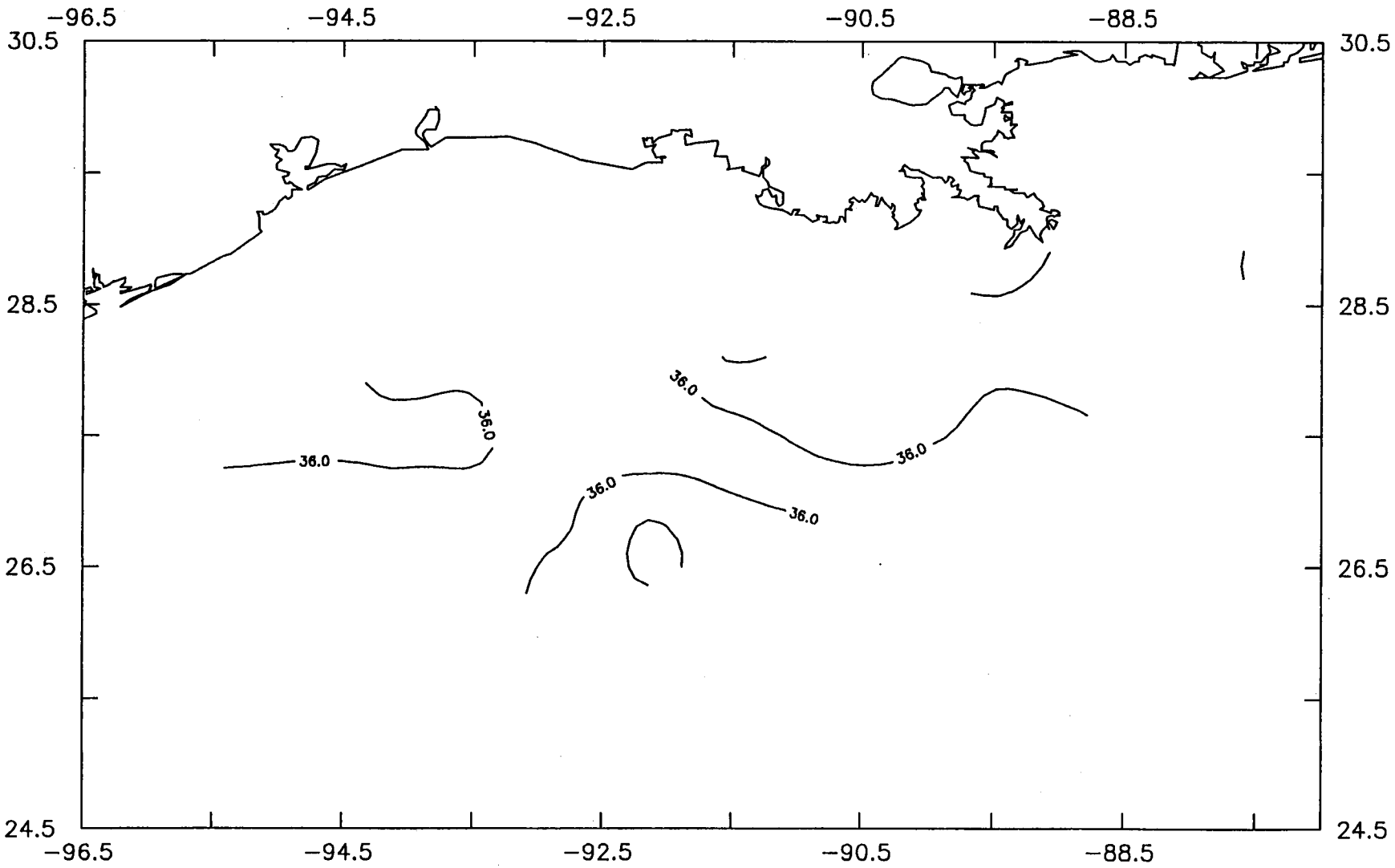
Salinity (PSU) at Reference Density 25



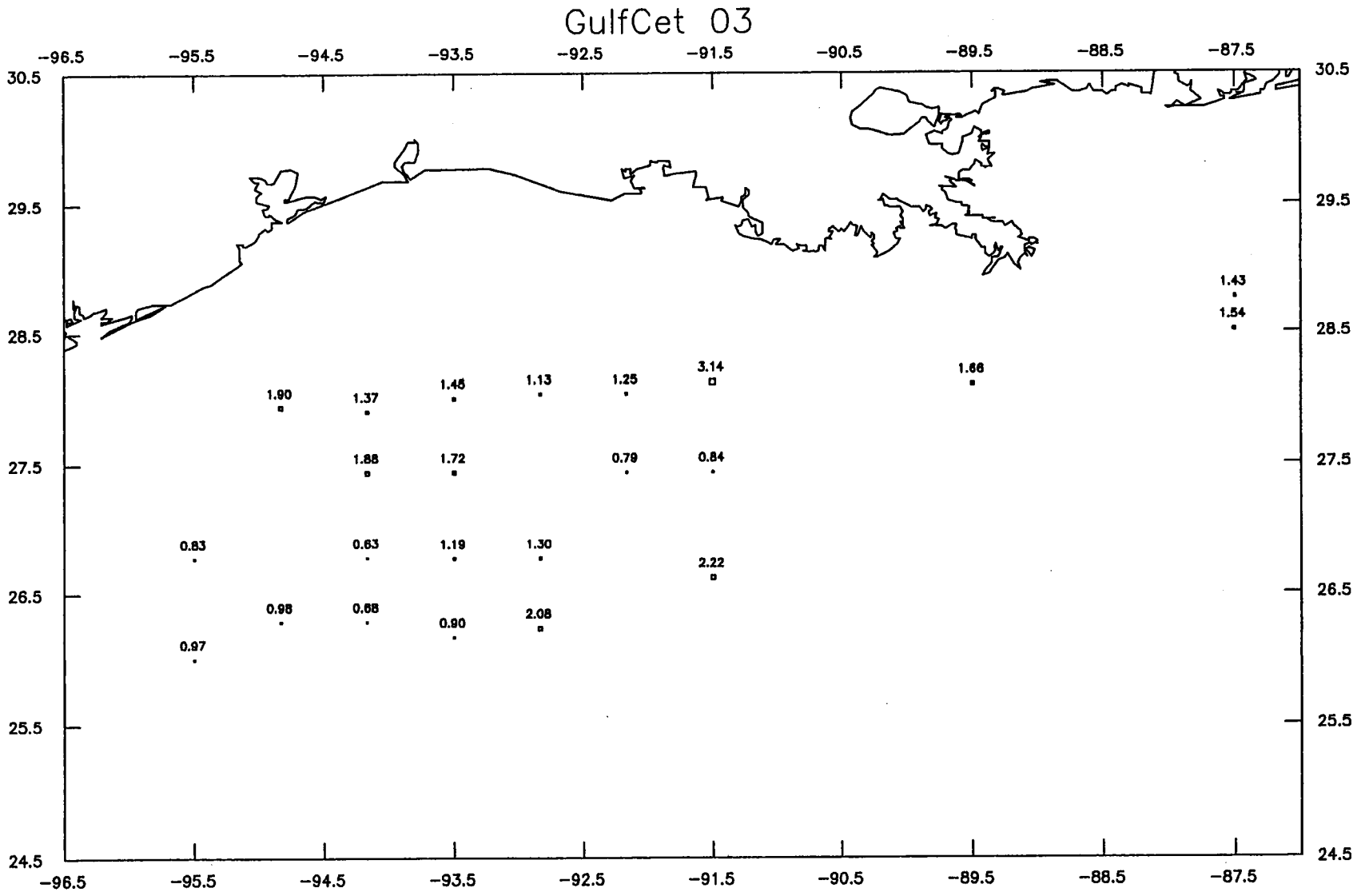
Salinity (PSU) at Reference Density 26



CTD Surface Salinity (PSU)



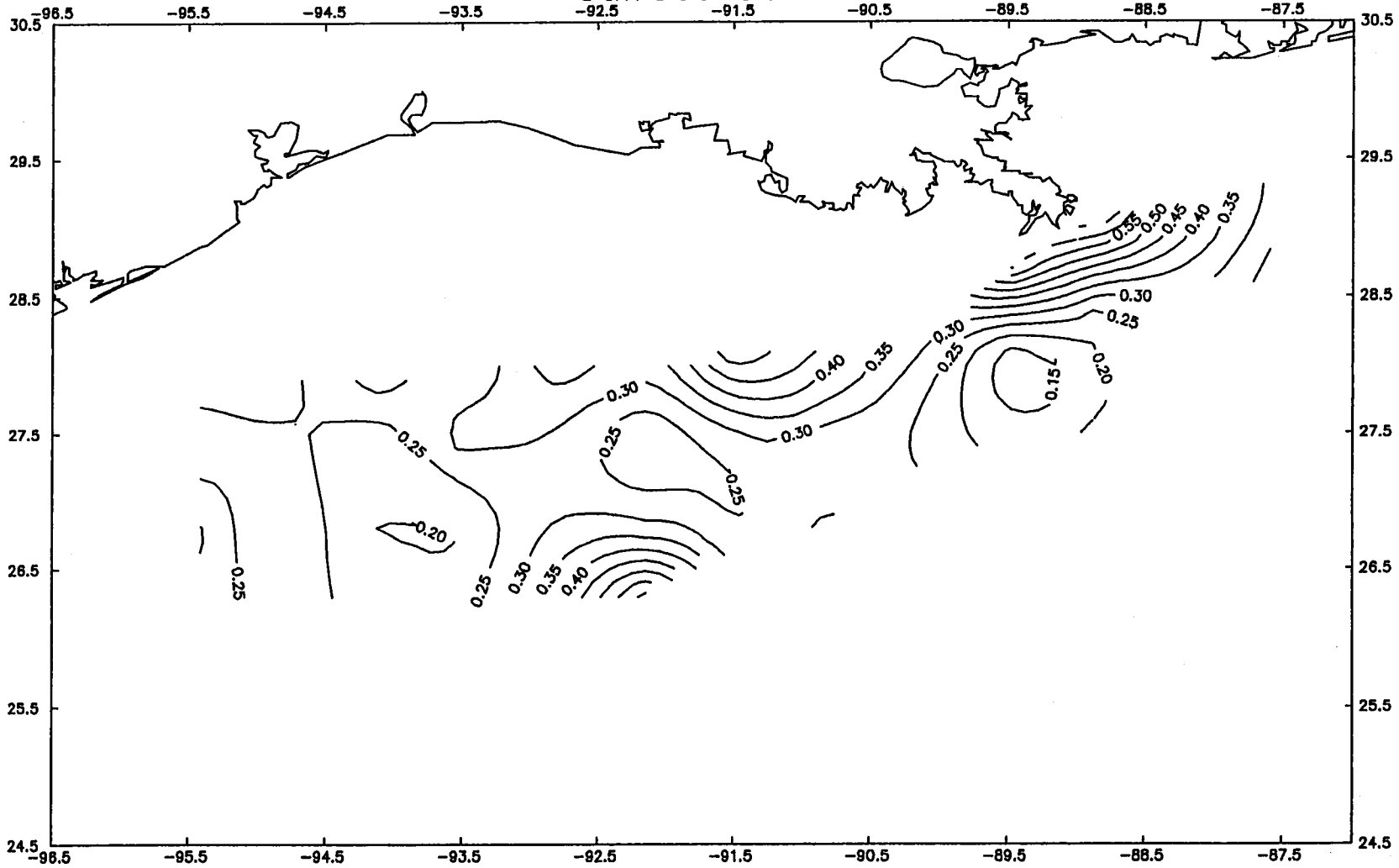
Fresh Water Fraction (%)

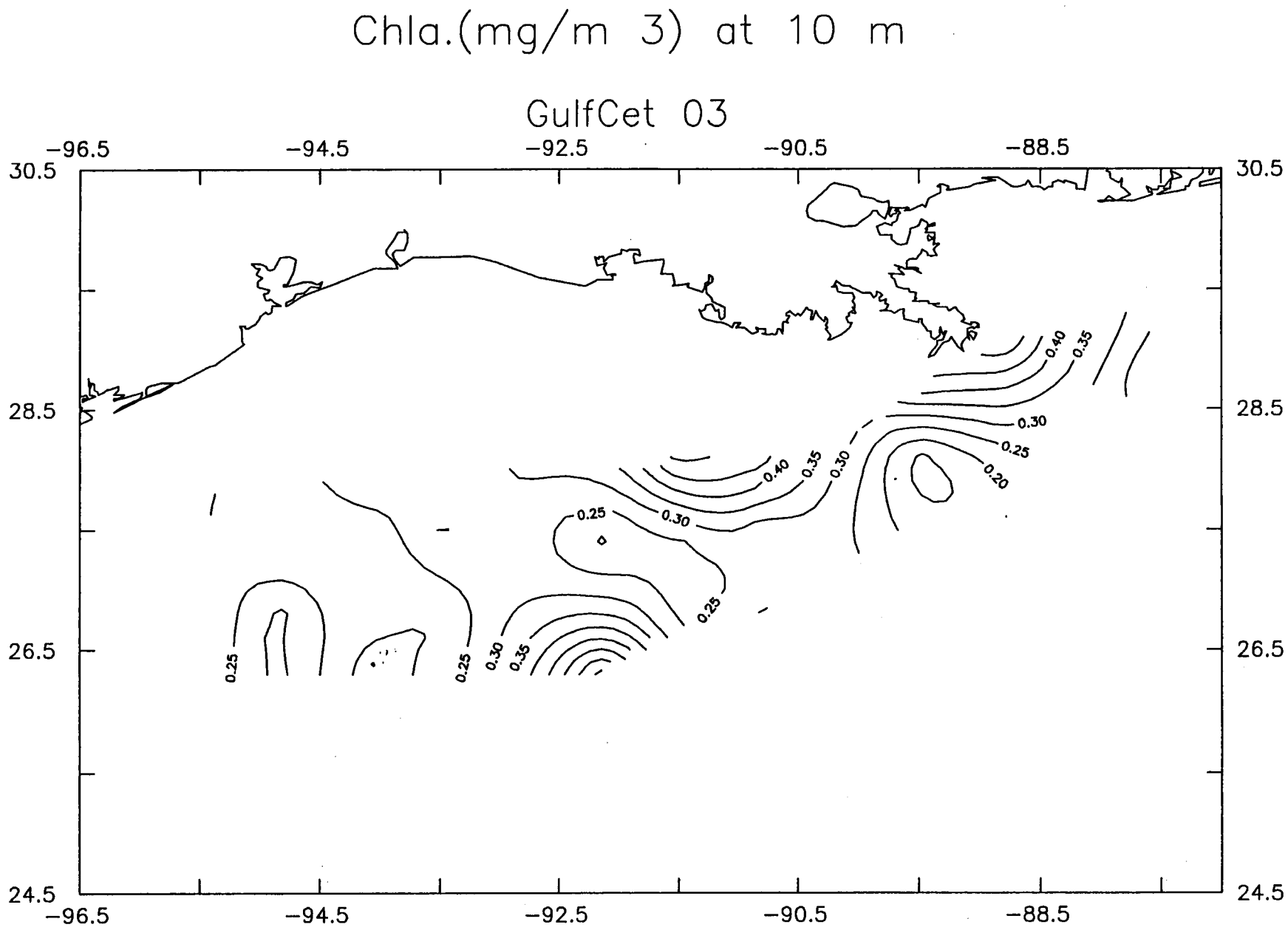


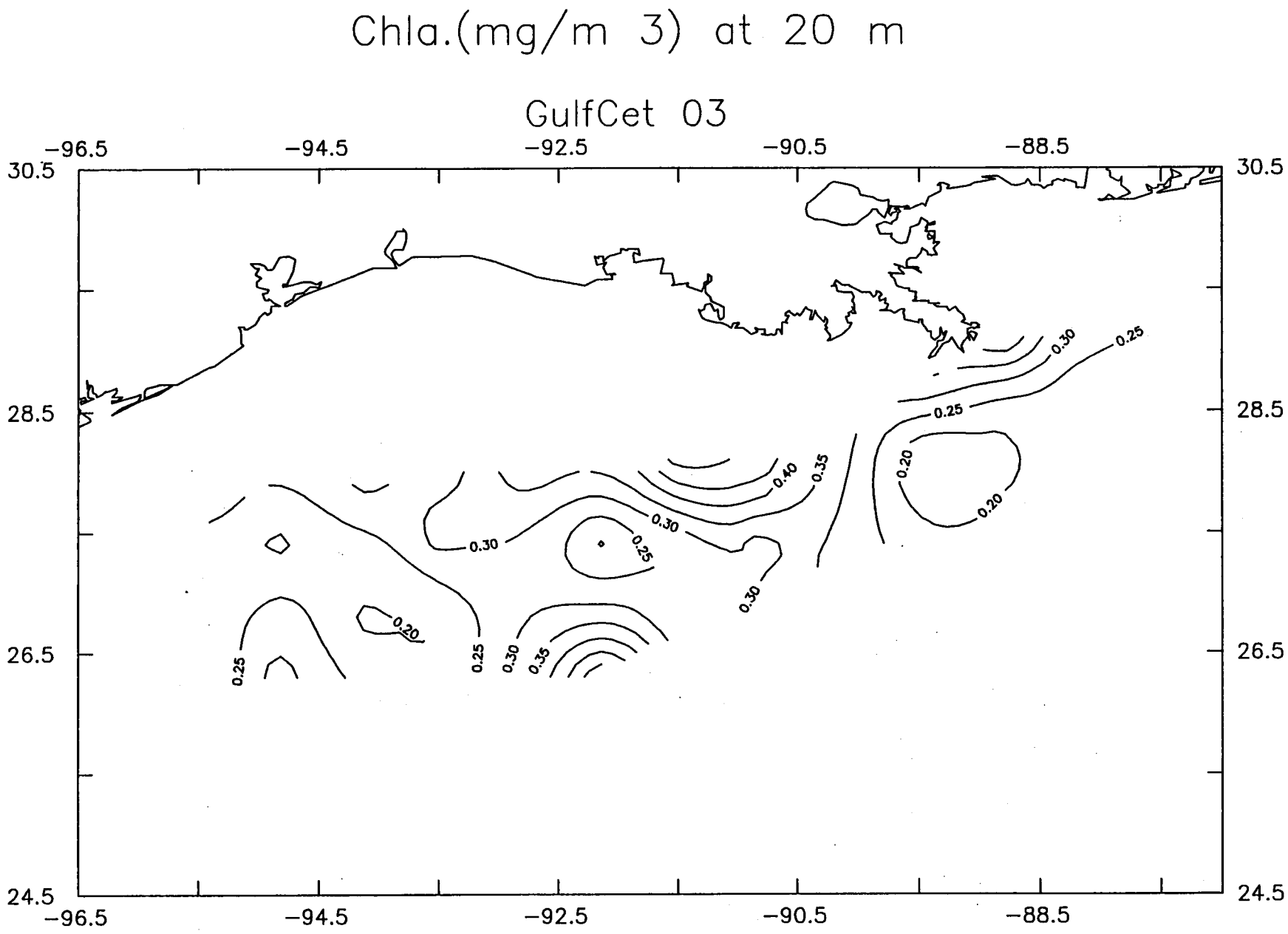
4.9 Chlorophyll Data

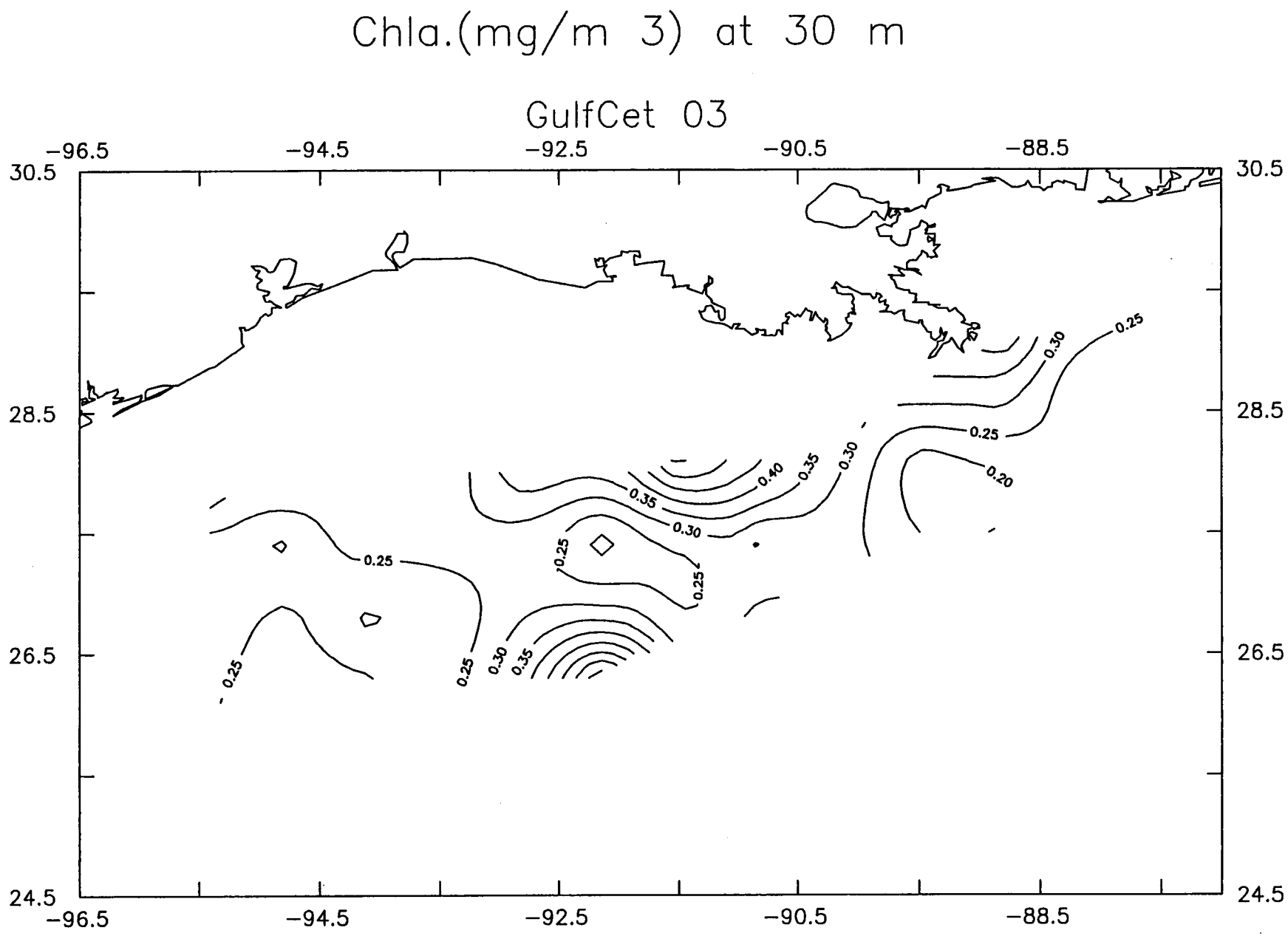
Surface Chla. (mg/m 3)

GulfCet 03

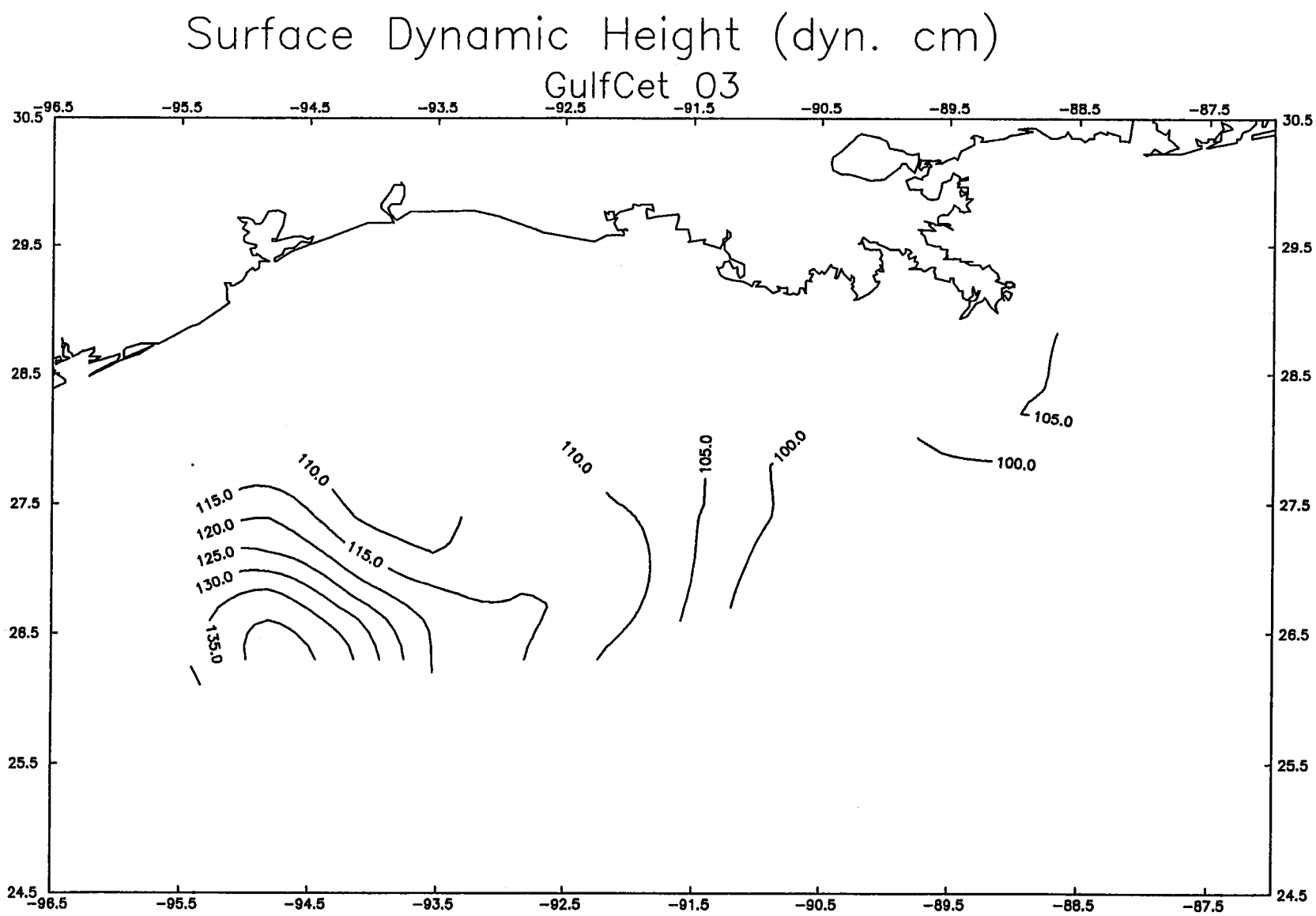



Chla.(mg/m 3) at 10 m
GulfCet 03
-96.5
-94.5
-92.5
-90.5
-88.5
30.5
28.5
26.5
24.5
0.40
0.35
0.30
0.25
0.20


Chla.(mg/m 3) at 20 m
GulfCet 03
-96.5
-94.5
-92.5
-90.5
-88.5
30.5
28.5
26.5
24.5
0.20
0.25
0.30
0.35
0.40

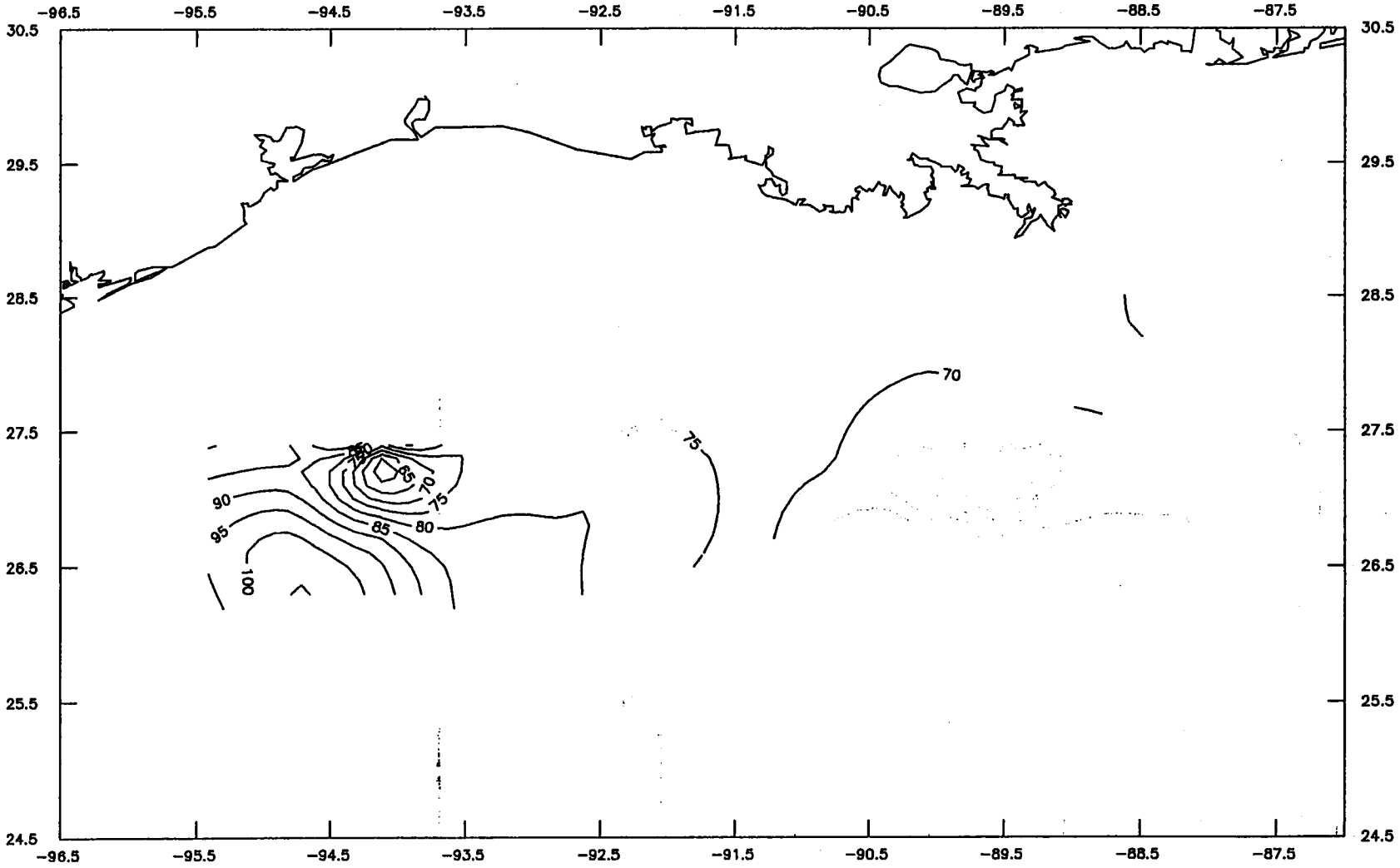

Chla.(mg/m 3) at 30 m
GulfCet 03
-96.5
-94.5
-92.5
-90.5
-88.5
30.5
28.5
26.5
24.5
0.25
0.30
0.35
0.40
0.20

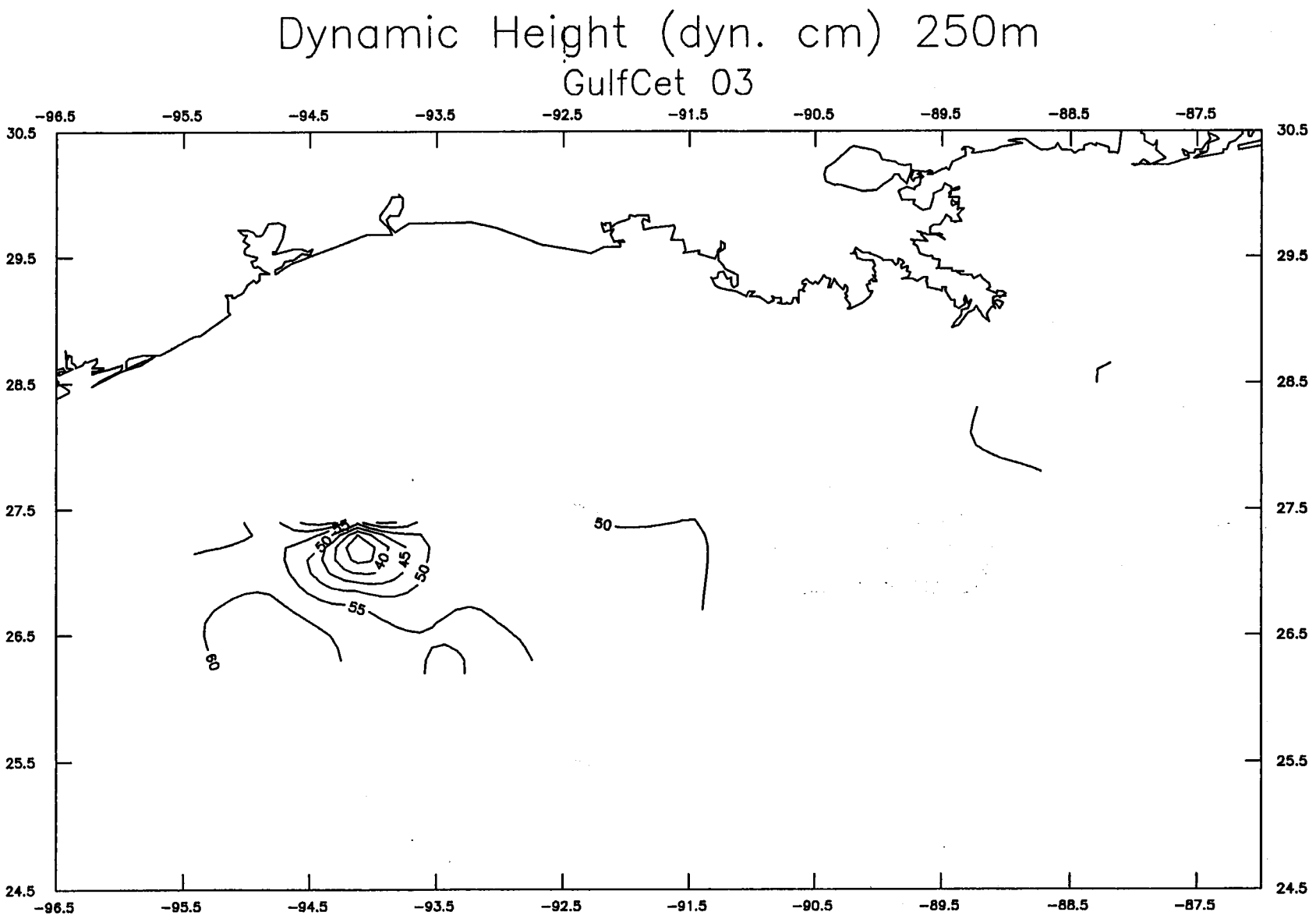
4.10 Dynamic Height Plots

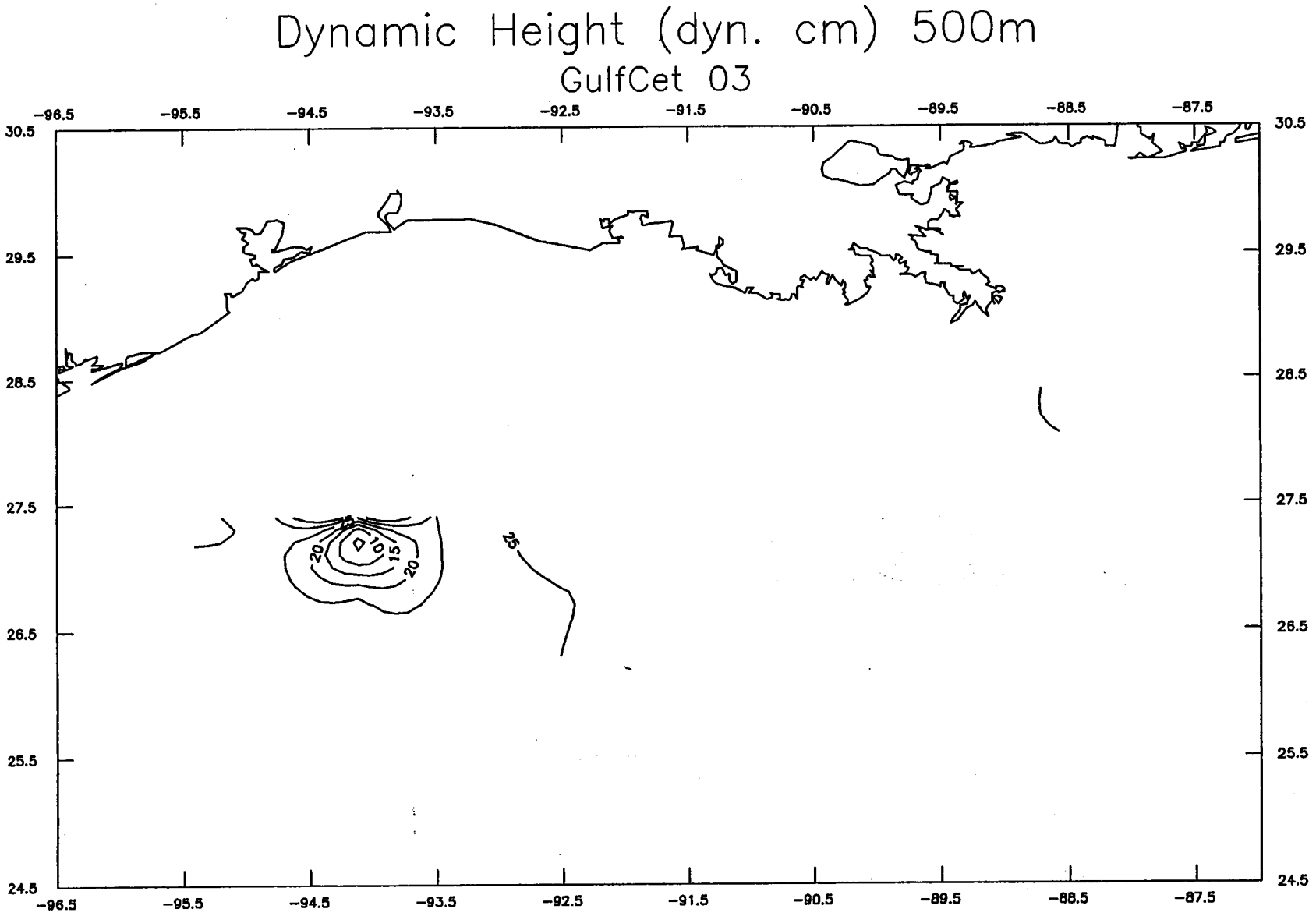

Surface Dynamic Height (dyn. cm)
GulfCet 03
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
105.0
100.0
110.0
115.0
120.0
125.0
130.0
135.0

Dynamic Height (dyn. cm) 100m

GulfCet 03

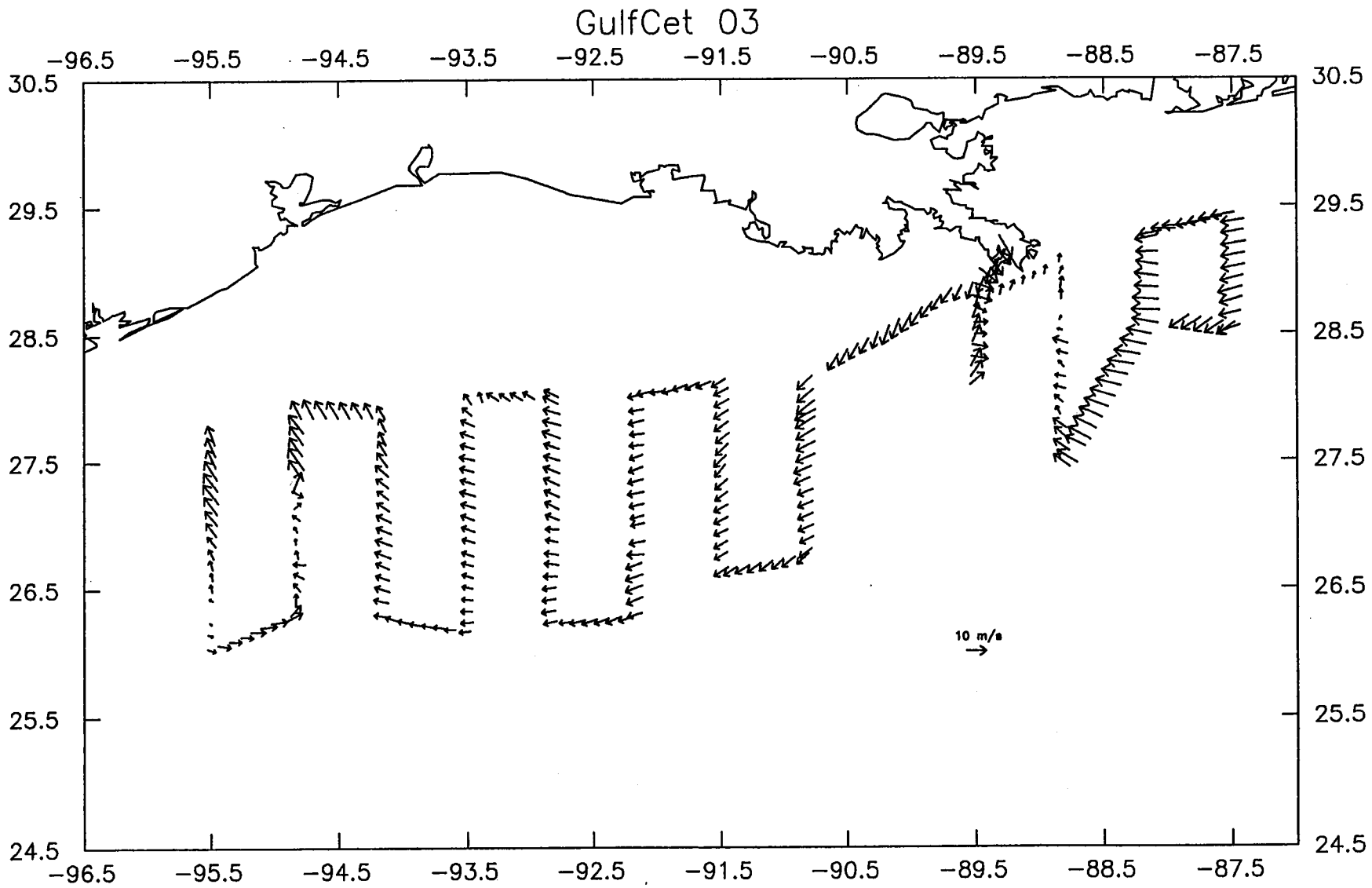



Dynamic Height (dyn. cm) 250m
GulfCet 03
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
50
40
45
50
55
60
50


Dynamic Height (dyn. cm) 500m
GulfCet 03
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
5
10
15
20
25

4.10 Wind Speed and Direction Plot

Wind Speed and Direction



V. TIO CRUISE 4

5.1 Personnel

TIO Cruise 04 Personnel:

Ship's Captain:

Chris Riffe, R/V *Pelican*	

Chief Scientist:

Giulietta Fargion	TAMUG, Research Associate Specialist, PI

Scientific Staff:

Jeff Norris	TAMU, Research Associate
Tom Jefferson	TAMU, Graduate Student
Logan Respess	TAMUG, Marine Technician
Troy Sparks	TAMU, Graduate Student
Bill Stevens	TAMUG, Marine Technician
Spencer Lynn	TAMU, Graduate Student
David Weller	TAMU, Graduate Student
Toni Frohoff	TAMU, Graduate Student
Stefan Bräger	Volunteer
David Brandon	TAMUG, Computer Programmer
Les Orr	TAMUG, Student
Mike Duncan	TAMU, Graduate Student
Dwight Peak	Volunteer

TIO Analytical and Processing Personnel:

Sample Analysis:

Logan Respess	TAMUG, Marine Technician

Data Processing and Programming:

David Brandon	TAMUG, Computer Programmer
Mary Howley	TAMUG, Research Assistant

Report Writing and Quality Assurance:

Giulietta Fargion	TAMUG, GulfCet PI, Research Associate Specialist
Cheryl Schroeder	TAMUG, Student

5.2 Expendable Bathythermograph (XBT) Data

Cruise 4 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
02-Ex8	24 Feb 93	0757	26°33.90'	95°34.60'	T-7	08-082	17 Feb 93	1617	27°45.51'	91°30.00'	T-7
02-012	24 Feb 93	0600	26°40.90'	95°29.83'	T-7	08-083	17 Feb 93	1540	27°49.55'	91°30.03'	T-7
02-014	23 Feb 93	2138	27°23.01'	95°30'	T-7	08-084	17 Feb 93	1517	27°52.08'	91°30.03'	T-7
02-016	23 Feb 93	1958	27°28.01'	95°29.97'	T-7	08-085	17 Feb 93	1508	27°52.95'	91°30.02'	T-10
02-017	23 Feb 93	1837	27°36.53'	95°30.05'	T-7	09-088	17 Feb 93	0704	28°03.00'	90°49.90'	T-10
02-018	23 Feb 93	1740	27°41.51'	95°29.99'	T-7	09-089	17 Feb 93	0639	28°00.00'	90°49.90'	T-7
02-019	23 Feb 93	1734	27°42.01'	95°29.99'	T-10	09-090	17 Feb 93	0514	27°52.00'	90°50.00'	T-7
03-022	23 Feb 93	1045	27°51.49'	94°50'	T-10	09-091	17 Feb 93	0414	27°45.90'	90°50.00'	T-7
03-023	23 Feb 93	1018	27°49.02'	94°50.03'	T-7	09-092	17 Feb 93	0308	27°39.50'	90°50.00'	T-20
03-024	23 Feb 93	0912	27°41.97'	94°49.98'	T-7	09-094	16 Feb 93	2154	27°15.97'	90°49.99'	T-20
03-025	23 Feb 93	0753	27°34.07'	94°50'	T-7	10-098	16 Feb 93	0937	27°11.26'	90°10.05'	T-20
03-027	23 Feb 93	0500	27°23.10'	94°49.99'	T-7	10-099	16 Feb 93	0504	27°39.90'	90°09.90'	T-20
03-028	22 Feb 93	0149	27°03.83'	94°49.99'	T-7	10-101	16 Feb 93	0230	27°50.14'	90°09.95'	T-7
04-Ex7	22 Feb 93	0002	27°36.00'	94°10'	T-7	10-102	16 Feb 93	0021	28°02.02'	90°10.07'	T-7
04-032	22 Feb 93	0553	26°37.04'	94°09.98'	T-20	10-103	15 Feb 93	2358	28°04.05'	90°09.94'	T-7
04-037	21 Feb 93	1928	27°30.06'	94°09.94'	T-20	10-104	15 Feb 93	2207	28°09.46'	90°10.14'	T-10
04-038	21 Feb 93	1809	27°38.00'	94°09.98'	T-7	11-107	15 Feb 93	1059	28°36.14'	89°30.02'	T-10
04-039	21 Feb 93	1740	27°41.01'	94°09.97'	T-7	11-108	15 Feb 93	1023	28°31.99'	89°30.00'	T-7
04-040	21 Feb 93	1709	27°44.01'	94°10.02'	T-7	11-109	15 Feb 93	0947	28°28.00'	89°30.00'	T-7
04-041	21 Feb 93	1615	27°49.51'	94°09.99'	T-10	11-110	15 Feb 93	0851	28°21.50'	89°30.08'	T-7
05-044	21 Feb 93	0850	27°37.96'	93°30.01'	T-10	11-111	15 Feb 93	0755	28°15.00'	89°29.90'	T-20
05-045	21 Feb 93	0633	27°34.91'	93°29.99'	T-7	11-113	15 Feb 93	0100	27°38.00'	89°30.00'	T-20
05-046	21 Feb 93	0611	27°33.00'	93°29.90'	T-7	12-Ex2	14 Feb 93	1048	28°02.23'	88°50.69'	T-7
05-048	21 Feb 93	0330	27°21.08'	93°29.96'	T-7	12-118	14 Feb 93	0850	28°14.50'	88°49.92'	T-20
05-049	21 Feb 93	0100	27°06.00'	93°29.90'	T-20	12-Ex1	14 Feb 93	0325	28°42.52'	88°50.02'	T-7
05-051	20 Feb 93	2004	26°43.13'	93°30.02'	T-20	12-120	14 Feb 93	0309	28°43.50'	88°50.00'	T-20
06-056	20 Feb 93	0141	26°52.00'	92°49.98'	T-20	12-121	14 Feb 93	0236	28°47.00'	88°50.00'	T-7
06-Ex6	19 Feb 93	2148	27°07.13'	92°00.60'	T-7	12-122	14 Feb 93	0141	28°53.00'	88°50.00'	T-7
06-058	19 Feb 93	2121	27°18.81'	92°50'	T-20	12-123*	14 Feb 93	0117	28°56.00'	88°50.00'	T-7
06-060	19 Feb 93	1745	27°33.77'	92°49.55'	T-7	12-124	14 Feb 93	0037	29°00.10'	88°50.00'	T-10
06-Ex5	19 Feb 93	1704	27°35.38'	92°50.24'	T-7	13-127	13 Feb 93	1755	29°12.95'	88°10.04'	T-10
06-061*	19 Feb 93	1605	27°41.03'	92°50'	T-7	13-128	13 Feb 93	1731	29°10.49'	88°10.09'	T-7
06-062	19 Feb 93	1545	27°43.01'	92°50'	T-7	13-129	13 Feb 93	1712	29°08.43'	88°10.00'	T-7
06-063	19 Feb 93	1351	27°54.50'	92°50.01'	T-10	13-130	13 Feb 93	1640	29°04.95'	88°10.00'	T-7
07-066	19 Feb 93	0647	27°52.90'	92°10.02'	T-10	13-131*	13 Feb 93	1620	29°03.03'	88°10.01'	T-20
07-067	19 Feb 93	0635	27°52.20'	92°09.95'	T-7	13-132	13 Feb 93	1402	28°49.00'	88°10.00'	T-20
07-068	19 Feb 93	0530	27°44.80'	92°10.01'	T-7	14-137	12 Feb 93	2020	29°04.03'	87°29.93'	T-20
07-069	19 Feb 93	0414	27°37.00'	92°09.97'	T-7	14-138	12 Feb 93	1834	29°15.03'	87°30.02'	T-20
07-070	19 Feb 93	0305	27°29.40'	92°09.96'	T-20	14-139	12 Feb 93	1815	29°16.92'	87°29.98'	T-7
07-072	18 Feb 93	2308	27°10.01'	92°09.97'	T-20	14-140	12 Feb 93	1745	29°20.00'	87°29.99'	T-7
07-Ex3	18 Feb 93	2352	27°14.01'	92°10.08'	T-7	14-141	12 Feb 93	1724	29°21.00'	87°29.00'	T-7
08-079	17 Feb 93	2100	27°23.00'	91°30.00'	T-20	14-142	12 Feb 93	1650	29°24.95'	87°29.99'	T-10
08-081	17 Feb 93	1817	27°33.02'	91°30.01'	T-20	NL-Ex6	19 Feb 93	2148	27°07.13'	92°00.60'	T-20

* denotes a malfunctioned probe.

XBT Data

Cruise: GULFCET 04 **Station:** 02-012 **Probe Type:** T-7
Latitude: 26° 40.90' N **Longitude:** 95° 29.80' W **Date:** 24-Feb-1993 **Time:** 0600

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.86	310.00	13.47	620.00	7.70
10.00	22.85	320.00	13.07	630.00	7.56
20.00	22.84	330.00	12.87	640.00	7.43
30.00	22.84	340.00	12.67	650.00	7.28
40.00	22.48	350.00	12.51	660.00	7.16
50.00	22.70	360.00	12.30	670.00	7.06
60.00	22.73	370.00	12.04	680.00	6.93
70.00	22.74	380.00	11.91	690.00	6.85
80.00	22.70	390.00	11.78	700.00	6.78
90.00	21.96	400.00	11.64	710.00	6.69
100.00	21.44	410.00	11.54	720.00	6.62
110.00	21.06	420.00	11.24	730.00	6.56
120.00	20.32	430.00	10.99	740.00	6.41
130.00	20.82	440.00	10.72	750.00	6.36
140.00	21.24	450.00	10.49	760.00	6.28
150.00	19.93	460.00	10.29	770.00	6.24
160.00	19.43	470.00	10.13	780.00	6.16
170.00	19.01	480.00	9.99	790.00	6.08
180.00	18.49	490.00	9.73	800.00	6.01
190.00	18.18	500.00	9.54	810.00	5.93
200.00	17.69	510.00	9.38	820.00	5.89
210.00	17.40	520.00	9.24		
220.00	17.04	530.00	9.06		
230.00	16.48	540.00	8.92		
240.00	15.98	550.00	8.73		
250.00	15.46	560.00	8.53		
260.00	15.11	570.00	8.45		
270.00	14.75	580.00	8.28		
280.00	14.35	590.00	8.09		
290.00	14.08	600.00	7.96		
300.00	13.77	610.00	7.81		

Cruise: GULFCET 04 **Station:** 02-014 **Probe Type:** T-7
Latitude: 27° 23.00' N **Longitude:** 95° 30.00' W **Date:** 23-Feb-1993 **Time:** 2138

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.52	310.00	12.37	620.00	6.96
10.00	22.50	320.00	12.08	630.00	6.85
20.00	22.51	330.00	11.89	640.00	6.76
30.00	22.52	340.00	11.61	650.00	6.73
40.00	22.75	350.00	11.41	660.00	6.61
50.00	22.80	360.00	11.17	670.00	6.56
60.00	22.60	370.00	10.90	680.00	6.50
70.00	22.53	380.00	10.63	690.00	6.36
80.00	22.54	390.00	10.41	700.00	6.30
90.00	22.45	400.00	10.23	710.00	6.25
100.00	22.43	410.00	10.00	720.00	6.15
110.00	22.00	420.00	9.71	730.00	6.02
120.00	20.59	430.00	9.50	740.00	5.92
130.00	19.84	440.00	9.39	750.00	5.76
140.00	19.20	450.00	9.20	760.00	5.69
150.00	18.57	460.00	9.00	770.00	5.66
160.00	18.08	470.00	8.90	780.00	5.55
170.00	17.57	480.00	8.79	790.00	5.48
180.00	16.86	490.00	8.63	800.00	5.42
190.00	16.43	500.00	8.46	810.00	5.35
200.00	16.03	510.00	8.30		
210.00	15.72	520.00	8.13		
220.00	15.26	530.00	8.06		
230.00	15.07	540.00	7.77		
240.00	14.69	550.00	7.70		
250.00	14.15	560.00	7.65		
260.00	13.72	570.00	7.49		
270.00	13.47	580.00	7.37		
280.00	13.19	590.00	7.23		
290.00	12.98	600.00	7.12		
300.00	12.83	610.00	7.03		

Cruise: GULFCET 04 **Station:** 02-016 **Probe Type:** T-7
Latitude: 27° 28.00' N **Longitude:** 95° 29.90' W **Date:** 23-Feb-1993 **Time:** 1958

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.67	310.00	12.06	620.00	6.89
10.00	22.62	320.00	11.88	630.00	6.74
20.00	22.63	330.00	11.63	640.00	6.69
30.00	22.64	340.00	11.36	650.00	6.61
40.00	22.84	350.00	11.07	660.00	6.54
50.00	22.76	360.00	10.81	670.00	6.38
60.00	22.76	370.00	10.71	680.00	6.28
70.00	22.71	380.00	10.48	690.00	6.16
80.00	22.69	390.00	10.38	700.00	6.01
90.00	22.70	400.00	10.26	710.00	5.93
100.00	22.53	410.00	10.08	720.00	5.81
110.00	21.81	420.00	9.91		
120.00	20.65	430.00	9.71		
130.00	19.75	440.00	9.55		
140.00	19.11	450.00	9.24		
150.00	18.52	460.00	9.06		
160.00	17.93	470.00	8.86		
170.00	17.23	480.00	8.64		
180.00	16.81	490.00	8.43		
190.00	16.42	500.00	8.25		
200.00	16.04	510.00	8.14		
210.00	15.71	520.00	8.02		
220.00	15.08	530.00	7.87		
230.00	14.63	540.00	7.80		
240.00	14.26	550.00	7.62		
250.00	14.14	560.00	7.50		
260.00	13.66	570.00	7.36		
270.00	13.29	580.00	7.34		
280.00	13.00	590.00	7.23		
290.00	12.66	600.00	7.12		
300.00	12.35	610.00	7.00		

Cruise: GULFCET 04 **Station:** 02-017 **Probe Type:** T-7
Latitude: 27° 36.50' N **Longitude:** 95° 30.00' W **Date:** 23-Feb-1993 **Time:** 1837

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.80	310.00	11.73
10.00	22.79	320.00	11.40
20.00	22.79	330.00	11.14
30.00	22.66	340.00	10.92
40.00	22.50	350.00	10.67
50.00	22.75	360.00	10.46
60.00	22.70	370.00	10.31
70.00	22.58	380.00	10.11
80.00	22.50	390.00	9.88
90.00	22.30	400.00	9.75
100.00	21.38	410.00	9.51
110.00	20.24	420.00	9.34
120.00	19.92	430.00	9.20
130.00	19.60	440.00	9.03
140.00	18.71	450.00	8.87
150.00	18.17	460.00	8.60
160.00	17.60	470.00	8.44
170.00	16.92	480.00	8.36
180.00	16.20	490.00	8.27
190.00	15.75		
200.00	15.13		
210.00	14.67		
220.00	14.41		
230.00	14.12		
240.00	13.78		
250.00	13.48		
260.00	13.09		
270.00	12.80		
280.00	12.40		
290.00	12.12		
300.00	11.96		

Cruise: GULFCET 04 **Station:** 02-018 **Probe Type:** T-7
Latitude: 27° 41.50' N **Longitude:** 95° 29.90' W **Date:** 23-Feb-1993 **Time:** 1740

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.46	310.00	11.07
10.00	22.41	320.00	10.82
20.00	22.59	330.00	10.65
30.00	22.67	340.00	10.58
40.00	22.67	350.00	10.36
50.00	22.66	360.00	10.25
60.00	22.61	370.00	10.18
70.00	22.61	380.00	10.13
80.00	22.58	390.00	9.92
90.00	21.81		
100.00	21.48		
110.00	20.97		
120.00	20.19		
130.00	19.19		
140.00	18.74		
150.00	17.90		
160.00	17.14		
170.00	16.59		
180.00	16.03		
190.00	15.46		
200.00	14.97		
210.00	14.19		
220.00	13.51		
230.00	12.99		
240.00	12.93		
250.00	12.72		
260.00	12.34		
270.00	11.98		
280.00	11.54		
290.00	11.32		
300.00	11.20		

Cruise: GULFCET 04 **Station:** 02-019 **Probe Type:** T-10
Latitude: 27° 42.00' N **Longitude:** 95° 29.90' W **Date:** 23-Feb-1993 **Time:** 1734

Depth (m)	Temp. (°C)
0.00	22.69
10.00	22.56
20.00	22.66
30.00	22.66
40.00	22.63
50.00	22.60
60.00	22.63
70.00	22.53
80.00	22.53
90.00	21.87
100.00	21.17
110.00	21.03
120.00	20.35
130.00	19.35
140.00	18.80
150.00	18.19
160.00	17.15
170.00	16.61
180.00	15.86
190.00	15.18
200.00	14.70
210.00	14.04

Cruise: GULFCET 04 **Station:** 03-022 **Probe Type:** T-10
Latitude: 27° 51.40' N **Longitude:** 94° 50.00' W **Date:** 23-Feb-1993 **Time:** 1045

Depth (m)	Temp. (°C)
0.00	22.18
10.00	21.56
20.00	21.56
30.00	21.60
40.00	21.53
50.00	20.89
60.00	20.60
70.00	20.40
80.00	20.09
90.00	19.59
100.00	19.17
110.00	19.15
120.00	18.23
130.00	17.42
140.00	16.75
150.00	16.24
160.00	15.91
170.00	15.47
180.00	15.02
190.00	14.84
200.00	14.23

Cruise: GULFCET 04 **Station:** 03-023 **Probe Type:** T-7
Latitude: 27° 49.00' N **Longitude:** 94° 50.00' W **Date:** 23-Feb-1993 **Time:** 1018

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.10	310.00	10.76
10.00	22.08	320.00	10.40
20.00	22.06	330.00	10.20
30.00	21.85	340.00	10.14
40.00	21.65		
50.00	21.46		
60.00	20.56		
70.00	20.48		
80.00	20.36		
90.00	20.25		
100.00	19.10		
110.00	18.75		
120.00	18.05		
130.00	17.10		
140.00	16.48		
150.00	16.00		
160.00	15.68		
170.00	15.23		
180.00	14.89		
190.00	14.61		
200.00	14.42		
210.00	13.92		
220.00	13.63		
230.00	13.36		
240.00	13.32		
250.00	12.80		
260.00	12.48		
270.00	12.15		
280.00	11.78		
290.00	11.55		
300.00	11.24		

Cruise: GULFCET 04 **Station:** 03-024 **Probe Type:** T-7
Latitude: 27° 41.90' N **Longitude:** 94° 49.90' W **Date:** 23-Feb-1993 **Time:** 0912

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.81	310.00	11.51
10.00	22.77	320.00	11.38
20.00	22.77	330.00	11.35
30.00	22.77	340.00	11.27
40.00	22.62	350.00	11.07
50.00	22.65	360.00	10.91
60.00	22.73	370.00	10.72
70.00	22.81	380.00	10.50
80.00	22.68	390.00	10.41
90.00	21.77	400.00	10.30
100.00	21.10	410.00	10.24
110.00	19.90	420.00	10.13
120.00	19.02	430.00	9.98
130.00	18.21	440.00	9.86
140.00	17.78	450.00	9.78
150.00	17.17	460.00	9.63
160.00	15.87	470.00	9.35
170.00	15.37	480.00	9.15
180.00	14.91	490.00	8.70
190.00	14.67		
200.00	14.45		
210.00	14.10		
220.00	13.70		
230.00	13.45		
240.00	13.01		
250.00	12.86		
260.00	12.64		
270.00	12.57		
280.00	12.32		
290.00	12.11		
300.00	11.76		

Cruise: GULFCET 04 **Station:** 03-025 **Probe Type:** T-7
Latitude: 27° 34.00' N **Longitude:** 94° 50.00' W **Date:** 23-Feb-1993 **Time:** 0753

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.81	310.00	12.43	620.00	7.16
10.00	22.76	320.00	12.20	630.00	6.99
20.00	22.74	330.00	12.03	640.00	6.84
30.00	22.74	340.00	11.89	650.00	6.70
40.00	22.74	350.00	11.73	660.00	6.61
50.00	22.71	360.00	11.38	670.00	6.51
60.00	22.58	370.00	10.95	680.00	6.46
70.00	22.47	380.00	10.81	690.00	6.37
80.00	22.74	390.00	10.65	700.00	6.30
90.00	22.59	400.00	10.41	710.00	6.24
100.00	21.82	410.00	10.25	720.00	6.16
110.00	21.72	420.00	9.97	730.00	6.13
120.00	20.68	430.00	9.89	740.00	5.78
130.00	19.86	440.00	9.74		
140.00	19.23	450.00	9.55		
150.00	18.58	460.00	9.38		
160.00	17.91	470.00	9.13		
170.00	17.36	480.00	8.99		
180.00	17.00	490.00	8.86		
190.00	16.38	500.00	8.67		
200.00	15.94	510.00	8.48		
210.00	15.58	520.00	8.41		
220.00	15.10	530.00	8.34		
230.00	14.81	540.00	8.18		
240.00	14.52	550.00	8.09		
250.00	14.20	560.00	7.99		
260.00	14.00	570.00	7.85		
270.00	13.63	580.00	7.71		
280.00	13.25	590.00	7.59		
290.00	12.90	600.00	7.46		
300.00	12.72	610.00	7.32		

Cruise: GULFCET 04 **Station:** 03-027 **Probe Type:** T-7
Latitude: 27° 23.10' N **Longitude:** 94° 49.90' W **Date:** 23-Feb-1993 **Time:** 0500

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.33	310.00	12.84	620.00	7.47
10.00	22.91	320.00	12.54	630.00	7.42
20.00	22.90	330.00	12.35	640.00	7.32
30.00	22.89	340.00	12.14	650.00	7.13
40.00	22.70	350.00	11.89	660.00	6.95
50.00	22.82	360.00	11.61	670.00	6.78
60.00	22.80	370.00	11.28	680.00	6.71
70.00	22.80	380.00	11.05	690.00	6.62
80.00	22.81	390.00	10.97	700.00	6.45
90.00	22.77	400.00	10.75	710.00	6.36
100.00	22.73	410.00	10.58	720.00	6.29
110.00	22.72	420.00	10.43	730.00	6.24
120.00	22.67	430.00	10.21	740.00	6.14
130.00	21.18	440.00	10.03	750.00	6.08
140.00	20.93	450.00	9.90	760.00	6.01
150.00	20.45	460.00	9.73	770.00	5.98
160.00	19.70	470.00	9.53	780.00	5.94
170.00	19.09	480.00	9.34	790.00	5.83
180.00	18.35	490.00	9.19	800.00	5.78
190.00	17.67	500.00	9.12	810.00	5.75
200.00	17.12	510.00	9.00	820.00	5.66
210.00	16.66	520.00	8.81		
220.00	16.10	530.00	8.67		
230.00	15.72	540.00	8.58		
240.00	15.34	550.00	8.39		
250.00	15.04	560.00	8.27		
260.00	14.71	570.00	8.18		
270.00	14.31	580.00	8.03		
280.00	13.87	590.00	7.85		
290.00	13.46	600.00	7.72		
300.00	13.15	610.00	7.64		

Cruise: GULFCET 04 **Station:** 03-028 **Probe Type:** T-7
Latitude: 27° 3.80' N **Longitude:** 94° 49.90' W **Date:** 22-Feb-1993 **Time:** 0149

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.92	310.00	14.31	620.00	7.76
10.00	22.84	320.00	13.95	630.00	7.67
20.00	22.85	330.00	13.73	640.00	7.55
30.00	22.75	340.00	13.43	650.00	7.46
40.00	22.74	350.00	12.99	660.00	7.35
50.00	22.73	360.00	12.66	670.00	7.28
60.00	22.76	370.00	12.37	680.00	7.12
70.00	22.76	380.00	12.08	690.00	7.01
80.00	22.77	390.00	11.88	700.00	6.83
90.00	22.77	400.00	11.64	710.00	6.79
100.00	22.77	410.00	11.39	720.00	6.74
110.00	22.78	420.00	11.15	730.00	6.72
120.00	22.80	430.00	10.93	740.00	6.65
130.00	22.78	440.00	10.74	750.00	6.59
140.00	22.79	450.00	10.56	760.00	6.46
150.00	22.27	460.00	10.25	770.00	6.36
160.00	21.37	470.00	10.08	780.00	6.26
170.00	20.81	480.00	9.87	790.00	6.21
180.00	19.97	490.00	9.69	800.00	6.11
190.00	19.46	500.00	9.51	810.00	6.05
200.00	18.60	510.00	9.28	820.00	5.98
210.00	18.27	520.00	9.14		
220.00	17.73	530.00	9.00		
230.00	17.21	540.00	8.95		
240.00	16.73	550.00	8.78		
250.00	16.38	560.00	8.61		
260.00	15.98	570.00	8.44		
270.00	15.65	580.00	8.27		
280.00	15.26	590.00	8.10		
290.00	14.92	600.00	7.96		
300.00	14.64	610.00	7.87		

Cruise: GULFCET 04 **Station:** 04-032 **Probe Type:** T-20
Latitude: 26° 37.00' N **Longitude:** 94° 09.90' W **Date:** 22-Feb-1993 **Time:** 0553

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.73	310.00	12.49
10.00	22.72	320.00	12.25
20.00	22.72	330.00	11.90
30.00	22.72	340.00	11.67
40.00	22.64	350.00	11.47
50.00	22.62	360.00	11.26
60.00	22.39	370.00	11.01
70.00	22.46	380.00	10.76
80.00	22.40	390.00	10.62
90.00	22.19	400.00	10.51
100.00	21.93	410.00	10.34
110.00	21.34	420.00	10.27
120.00	20.78	430.00	10.05
130.00	20.79	440.00	9.87
140.00	20.25	450.00	9.67
150.00	19.47	460.00	9.54
160.00	18.77	470.00	9.40
170.00	18.20	480.00	9.27
180.00	17.50	490.00	9.09
190.00	17.01	500.00	8.98
200.00	16.53	510.00	8.80
210.00	16.00	520.00	8.55
220.00	15.48	530.00	8.39
230.00	15.11	540.00	8.29
240.00	14.66	550.00	8.16
250.00	14.41		
260.00	14.22		
270.00	14.11		
280.00	13.70		
290.00	13.30		
300.00	12.96		

Cruise: GULFCET 04 **Station:** 04-037 **Probe Type:** T-20
Latitude: 27° 30.00' N **Longitude:** 94° 09.90' W **Date:** 21-Feb-1993 **Time:** 1928

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	21.88	310.00	11.22	620.00	6.78	930.00	5.16
10.00	21.27	320.00	10.97	630.00	6.66		
20.00	21.07	330.00	10.76	640.00	6.60		
30.00	20.79	340.00	10.52	650.00	6.51		
40.00	20.73	350.00	10.28	660.00	6.41		
50.00	20.58	360.00	10.13	670.00	6.31		
60.00	20.39	370.00	9.95	680.00	6.26		
70.00	20.23	380.00	9.72	690.00	6.20		
80.00	19.86	390.00	9.59	700.00	6.16		
90.00	19.08	400.00	9.41	710.00	6.11		
100.00	18.35	410.00	9.25	720.00	6.07		
110.00	17.52	420.00	9.09	730.00	6.03		
120.00	16.98	430.00	8.86	740.00	5.94		
130.00	16.64	440.00	8.77	750.00	5.93		
140.00	16.44	450.00	8.64	760.00	5.93		
150.00	16.03	460.00	8.49	770.00	5.93		
160.00	15.69	470.00	8.28	780.00	5.88		
170.00	15.24	480.00	8.14	790.00	5.81		
180.00	14.76	490.00	8.04	800.00	5.77		
190.00	14.33	500.00	7.94	810.00	5.74		
200.00	13.94	510.00	7.83	820.00	5.70		
210.00	13.69	520.00	7.72	830.00	5.67		
220.00	13.46	530.00	7.69	840.00	5.64		
230.00	13.20	540.00	7.60	850.00	5.62		
240.00	12.91	550.00	7.47	860.00	5.61		
250.00	12.63	560.00	7.39	870.00	5.55		
260.00	12.40	570.00	7.29	880.00	5.49		
270.00	12.11	580.00	7.19	890.00	5.46		
280.00	11.89	590.00	7.10	900.00	5.39		
290.00	11.71	600.00	7.02	910.00	5.22		
300.00	11.56	610.00	6.94	920.00	5.19		

Cruise: GULFCET 04 **Station:** 04-038 **Probe Type:** T-7
Latitude: 27° 38.00' N **Longitude:** 94° 09.90' W **Date:** 21-Feb-1993 **Time:** 1809

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	21.46	310.00	11.16	620.00	6.84
10.00	21.24	320.00	10.83	630.00	6.67
20.00	21.03	330.00	10.67	640.00	6.57
30.00	20.99	340.00	10.53	650.00	6.46
40.00	20.98	350.00	10.27	660.00	6.42
50.00	20.96	360.00	10.15	670.00	6.39
60.00	20.77	370.00	9.95	680.00	6.33
70.00	20.48	380.00	9.72	690.00	6.29
80.00	19.86	390.00	9.56	700.00	6.27
90.00	19.44	400.00	9.43	710.00	6.24
100.00	18.45	410.00	9.29	720.00	6.21
110.00	17.78	420.00	9.16	730.00	6.19
120.00	17.40	430.00	9.08	740.00	6.14
130.00	16.98	440.00	9.01		
140.00	16.49	450.00	8.85		
150.00	16.25	460.00	8.75		
160.00	15.77	470.00	8.62		
170.00	15.22	480.00	8.47		
180.00	14.86	490.00	8.33		
190.00	14.66	500.00	8.20		
200.00	14.24	510.00	8.09		
210.00	13.86	520.00	7.97		
220.00	13.51	530.00	7.81		
230.00	13.27	540.00	7.72		
240.00	12.93	550.00	7.64		
250.00	12.57	560.00	7.52		
260.00	12.31	570.00	7.37		
270.00	12.05	580.00	7.32		
280.00	11.84	590.00	7.22		
290.00	11.47	600.00	7.06		
300.00	11.30	610.00	6.94		

Cruise: GULFCET 04 **Station:** 04-039 **Probe Type:** T-7
Latitude: 27° 41.00' N **Longitude:** 94° 09.90' W **Date:** 21-Feb-1993 **Time:** 1740

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	21.22	310.00	10.75
10.00	20.99	320.00	10.65
20.00	20.90	330.00	10.58
30.00	20.83	340.00	10.49
40.00	20.82	350.00	10.44
50.00	20.82	360.00	10.38
60.00	20.78	370.00	10.27
70.00	20.79	380.00	10.08
80.00	19.94	390.00	9.88
90.00	18.57	400.00	9.75
100.00	17.80	410.00	9.56
110.00	17.51	420.00	9.48
120.00	17.04	430.00	9.37
130.00	16.63	440.00	8.98
140.00	16.34	450.00	8.84
150.00	16.06	460.00	8.63
160.00	15.66	470.00	8.52
170.00	15.34	480.00	8.39
180.00	14.76	490.00	8.29
190.00	14.35	500.00	8.29
200.00	14.14	510.00	8.20
210.00	13.78	520.00	8.07
220.00	13.50	530.00	7.92
230.00	13.17		
240.00	12.75		
250.00	12.47		
260.00	12.12		
270.00	11.77		
280.00	11.50		
290.00	11.13		
300.00	10.90		

Cruise: GULFCET 04 **Station:** 04-040 **Probe Type:** T-7
Latitude: 27° 44.00' N **Longitude:** 94° 10.00' W **Date:** 21-Feb-1993 **Time:** 1709

Depth (m)	Temp. (°C)
0.00	22.01
10.00	20.99
20.00	20.84
30.00	20.82
40.00	20.80
50.00	20.80
60.00	20.79
70.00	20.73
80.00	20.39
90.00	19.47
100.00	18.53
110.00	17.97
120.00	17.50
130.00	17.02
140.00	16.51
150.00	16.13
160.00	15.73
170.00	15.31
180.00	15.02
190.00	14.61
200.00	14.26
210.00	14.04
220.00	13.68
230.00	13.37
240.00	12.83
250.00	12.40
260.00	12.10
270.00	11.92
280.00	11.84
290.00	11.77
300.00	11.68

Cruise: GULFCET 04 **Station:** 04-041 **Probe Type:** T-10
Latitude: 27° 49.50' N **Longitude:** 94° 09.90' W **Date:** 21-Feb-1993 **Time:** 1615

Depth (m)	Temp. (°C)
0.00	21.05
10.00	20.80
20.00	20.78
30.00	20.78
40.00	20.78
50.00	20.76
60.00	20.68
70.00	20.29
80.00	20.11
90.00	19.88
100.00	18.49
110.00	17.90
120.00	17.07
130.00	16.46
140.00	16.00
150.00	15.74
160.00	15.45
170.00	15.43
180.00	15.35

Cruise: GULFCET 04 **Station:** 05-044 **Probe Type:** T-10
Latitude: 27° 37.90' N **Longitude:** 93° 30.00' W **Date:** 21-Feb-1993 **Time:** 0850

Depth (m)	Temp. (°C)
0.00	20.80
10.00	20.63
20.00	20.63
30.00	20.58
40.00	20.51
50.00	20.50
60.00	20.49
70.00	20.50
80.00	20.49
90.00	20.46
100.00	19.62
110.00	18.83
120.00	18.29
130.00	17.67
140.00	16.70
150.00	16.13
160.00	15.73
170.00	15.11
180.00	14.59
190.00	14.12

Cruise: GULFCET 04 **Station:** 05-045 **Probe Type:** T-7
Latitude: 27° 34.90' N **Longitude:** 93° 29.90' W **Date:** 21-Feb-1993 **Time:** 0633

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	21.25	310.00	11.89
10.00	20.75	320.00	11.72
20.00	20.75		
30.00	20.73		
40.00	20.73		
50.00	20.64		
60.00	20.63		
70.00	20.63		
80.00	20.63		
90.00	20.63		
100.00	19.80		
110.00	18.88		
120.00	18.52		
130.00	17.53		
140.00	16.98		
150.00	16.26		
160.00	15.75		
170.00	15.35		
180.00	14.76		
190.00	14.46		
200.00	14.25		
210.00	13.56		
220.00	13.33		
230.00	13.11		
240.00	12.67		
250.00	12.54		
260.00	12.45		
270.00	12.29		
280.00	12.17		
290.00	12.06		
300.00	11.99		

Cruise: GULFCET 04 **Station:** 05-046 **Probe Type:** T-7
Latitude: 27° 33.00' N **Longitude:** 93° 29.90' W **Date:** 21-Feb-1993 **Time:** 0611

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.91	310.00	11.04
10.00	20.57	320.00	10.78
20.00	20.57	330.00	10.69
30.00	20.57	340.00	10.59
40.00	20.54	350.00	10.46
50.00	20.53	360.00	10.41
60.00	20.52	370.00	10.20
70.00	20.42	380.00	10.16
80.00	20.41	390.00	9.87
90.00	20.37	400.00	9.61
100.00	20.12	410.00	9.48
110.00	18.93	420.00	9.43
120.00	17.97	430.00	9.13
130.00	17.38	440.00	9.10
140.00	16.71	450.00	8.92
150.00	16.33		
160.00	15.83		
170.00	15.35		
180.00	14.82		
190.00	14.32		
200.00	13.90		
210.00	13.56		
220.00	13.30		
230.00	13.00		
240.00	12.53		
250.00	12.31		
260.00	11.99		
270.00	11.87		
280.00	11.63		
290.00	11.51		
300.00	11.39		

Cruise: GULFCET 04 **Station:** 05-048 **Probe Type:** T-7
Latitude: 27° 21.00' N **Longitude:** 93° 29.90' W **Date:** 21-Feb-1993 **Time:** 0330

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.75	310.00	10.81	620.00	6.40
10.00	20.65	320.00	10.55	630.00	6.37
20.00	20.60	330.00	10.34	640.00	6.35
30.00	20.48	340.00	10.16	650.00	6.27
40.00	20.47	350.00	9.87	660.00	6.26
50.00	20.45	360.00	9.68	670.00	6.21
60.00	20.46	370.00	9.58		
70.00	20.47	380.00	9.37		
80.00	19.94	390.00	9.28		
90.00	19.31	400.00	9.06		
100.00	18.94	410.00	9.02		
110.00	18.52	420.00	8.71		
120.00	17.82	430.00	8.59		
130.00	17.31	440.00	8.40		
140.00	16.94	450.00	8.16		
150.00	16.44	460.00	7.98		
160.00	16.00	470.00	7.92		
170.00	15.61	480.00	7.87		
180.00	15.19	490.00	7.84		
190.00	14.86	500.00	7.71		
200.00	14.41	510.00	7.43		
210.00	13.97	520.00	7.26		
220.00	13.59	530.00	7.15		
230.00	13.23	540.00	7.06		
240.00	12.95	550.00	6.87		
250.00	12.55	560.00	6.80		
260.00	12.22	570.00	6.75		
270.00	11.80	580.00	6.67		
280.00	11.62	590.00	6.59		
290.00	11.41	600.00	6.53		
300.00	11.02	610.00	6.47		

Cruise: GULFCET 04 **Station:** 05-049 **Probe Type:** T-20
Latitude: 27° 06.00' N **Longitude:** 93° 29.90' W **Date:** 21-Feb-1993 **Time:** 0100

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	21.77	310.00	10.90	620.00	6.34
10.00	21.49	320.00	10.73	630.00	6.22
20.00	21.46	330.00	10.46	640.00	6.15
30.00	20.94	340.00	10.21	650.00	6.06
40.00	20.88	350.00	9.91	660.00	5.97
50.00	20.84	360.00	9.71	670.00	5.93
60.00	20.83	370.00	9.58	680.00	5.86
70.00	20.44	380.00	9.44	690.00	5.82
80.00	20.24	390.00	9.24	700.00	5.78
90.00	19.68	400.00	9.15	710.00	5.74
100.00	19.12	410.00	8.92	720.00	5.70
110.00	18.46	420.00	8.81	730.00	5.68
120.00	17.86	430.00	8.67	740.00	5.62
130.00	17.43	440.00	8.53	750.00	5.58
140.00	16.98	450.00	8.46	760.00	5.55
150.00	16.55	460.00	8.39	770.00	5.49
160.00	16.06	470.00	8.14	780.00	5.45
170.00	15.62	480.00	7.94	790.00	5.39
180.00	15.16	490.00	7.71	800.00	5.34
190.00	14.72	500.00	7.62	810.00	5.30
200.00	14.18	510.00	7.48	820.00	5.27
210.00	13.83	520.00	7.37	830.00	5.27
220.00	13.40	530.00	7.21	840.00	5.27
230.00	13.10	540.00	7.09	850.00	5.26
240.00	12.84	550.00	6.94	860.00	5.24
250.00	12.42	560.00	6.85	870.00	5.24
260.00	12.16	570.00	6.76	880.00	5.23
270.00	12.01	580.00	6.65	890.00	5.24
280.00	11.73	590.00	6.58	900.00	5.24
290.00	11.49	600.00	6.51		
300.00	11.18	610.00	6.47		

Cruise: GULFCET 04 **Station:** 05-051 **Probe Type:** T-20
Latitude: 26° 43.10' N **Longitude:** 93° 30.00' W **Date:** 20-Feb-1993 **Time:** 2004

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	21.53	310.00	11.47	620.00	6.70	930.00	4.91
10.00	21.54	320.00	11.21	630.00	6.58	940.00	4.85
20.00	21.52	330.00	11.04	640.00	6.46	950.00	4.83
30.00	21.09	340.00	10.71	650.00	6.38	960.00	4.81
40.00	21.06	350.00	10.59	660.00	6.28	970.00	4.75
50.00	21.05	360.00	10.41	670.00	6.21	980.00	4.71
60.00	21.05	370.00	10.30	680.00	6.16	990.00	4.69
70.00	20.97	380.00	9.98	690.00	6.10		
80.00	20.85	390.00	9.76	700.00	6.06		
90.00	20.58	400.00	9.64	710.00	5.97		
100.00	20.43	410.00	9.50	720.00	5.92		
110.00	20.03	420.00	9.37	730.00	5.87		
120.00	19.48	430.00	9.19	740.00	5.77		
130.00	18.63	440.00	9.11	750.00	5.71		
140.00	18.05	450.00	8.89	760.00	5.64		
150.00	17.36	460.00	8.72	770.00	5.61		
160.00	16.82	470.00	8.50	780.00	5.55		
170.00	16.28	480.00	8.35	790.00	5.48		
180.00	15.85	490.00	8.16	800.00	5.42		
190.00	15.51	500.00	8.07	810.00	5.37		
200.00	15.04	510.00	7.90	820.00	5.35		
210.00	14.60	520.00	7.75	830.00	5.30		
220.00	14.21	530.00	7.65	840.00	5.26		
230.00	13.75	540.00	7.60	850.00	5.22		
240.00	13.51	550.00	7.46	860.00	5.19		
250.00	13.13	560.00	7.31	870.00	5.12		
260.00	12.79	570.00	7.22	880.00	5.08		
270.00	12.54	580.00	7.10	890.00	5.04		
280.00	12.27	590.00	6.96	900.00	5.02		
290.00	11.97	600.00	6.89	910.00	4.98		
300.00	11.76	610.00	6.78	920.00	4.95		

Cruise: GULFCET 04 **Station:** 06-056 **Probe Type:** T-20
Latitude: 26° 52.00' N **Longitude:** 92° 49.90' W **Date:** 20-Feb-1993 **Time:** 0141

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.93	310.00	10.86	620.00	6.50	930.00	4.94
10.00	20.86	320.00	10.68	630.00	6.40	940.00	4.92
20.00	20.86	330.00	10.50	640.00	6.33	950.00	4.91
30.00	20.85	340.00	10.30	650.00	6.25	960.00	4.89
40.00	20.85	350.00	10.18	660.00	6.18	970.00	4.87
50.00	20.84	360.00	10.03	670.00	6.13	980.00	4.85
60.00	20.82	370.00	9.83	680.00	6.08	990.00	4.81
70.00	20.83	380.00	9.65	690.00	6.01		
80.00	20.00	390.00	9.37	700.00	5.95		
90.00	19.00	400.00	9.25	710.00	5.90		
100.00	18.51	410.00	9.01	720.00	5.85		
110.00	17.96	420.00	8.87	730.00	5.79		
120.00	17.26	430.00	8.73	740.00	5.70		
130.00	16.72	440.00	8.63	750.00	5.69		
140.00	16.38	450.00	8.53	760.00	5.66		
150.00	15.93	460.00	8.37	770.00	5.60		
160.00	15.45	470.00	8.28	780.00	5.55		
170.00	15.12	480.00	8.12	790.00	5.49		
180.00	14.67	490.00	7.95	800.00	5.44		
190.00	14.34	500.00	7.84	810.00	5.39		
200.00	14.07	510.00	7.72	820.00	5.34		
210.00	13.81	520.00	7.64	830.00	5.29		
220.00	13.47	530.00	7.49	840.00	5.26		
230.00	13.04	540.00	7.39	850.00	5.17		
240.00	12.76	550.00	7.25	860.00	5.11		
250.00	12.44	560.00	7.12	870.00	5.07		
260.00	12.22	570.00	6.97	880.00	5.05		
270.00	11.94	580.00	6.89	890.00	4.99		
280.00	11.62	590.00	6.82	900.00	4.98		
290.00	11.39	600.00	6.74	910.00	4.96		
300.00	11.16	610.00	6.62	920.00	4.95		

Cruise: GULFCET 04 **Station:** 06-058 **Probe Type:** T-20
Latitude: 27° 18.80' N **Longitude:** 92° 50.00' W **Date:** 19-Feb-1993 **Time:** 2121

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.85	310.00	10.89	620.00	6.49	930.00	5.18
10.00	20.79	320.00	10.72	630.00	6.41	940.00	5.18
20.00	20.79	330.00	10.47	640.00	6.36	950.00	5.15
30.00	20.77	340.00	10.29	650.00	6.29	960.00	5.12
40.00	20.78	350.00	10.06	660.00	6.26	970.00	5.11
50.00	20.78	360.00	9.78	670.00	6.19	980.00	5.09
60.00	20.77	370.00	9.59	680.00	6.12	990.00	5.02
70.00	20.77	380.00	9.39	690.00	6.05		
80.00	19.84	390.00	9.27	700.00	5.96		
90.00	19.11	400.00	9.16	710.00	5.93		
100.00	18.45	410.00	9.03	720.00	5.86		
110.00	17.74	420.00	8.95	730.00	5.77		
120.00	17.16	430.00	8.85	740.00	5.73		
130.00	16.62	440.00	8.71	750.00	5.64		
140.00	16.15	450.00	8.57	760.00	5.63		
150.00	15.91	460.00	8.44	770.00	5.59		
160.00	15.53	470.00	8.34	780.00	5.58		
170.00	15.14	480.00	8.18	790.00	5.57		
180.00	14.65	490.00	7.95	800.00	5.46		
190.00	14.27	500.00	7.76	810.00	5.42		
200.00	13.97	510.00	7.65	820.00	5.39		
210.00	13.72	520.00	7.56	830.00	5.37		
220.00	13.41	530.00	7.46	840.00	5.35		
230.00	13.13	540.00	7.37	850.00	5.33		
240.00	12.81	550.00	7.15	860.00	5.28		
250.00	12.58	560.00	7.05	870.00	5.22		
260.00	12.30	570.00	6.93	880.00	5.22		
270.00	11.93	580.00	6.84	890.00	5.21		
280.00	11.69	590.00	6.76	900.00	5.21		
290.00	11.41	600.00	6.66	910.00	5.21		
300.00	11.13	610.00	6.62	920.00	5.19		

Cruise: GULFCET 04 **Station:** 06-060 **Probe Type:** T-7
Latitude: 27° 33.70' N **Longitude:** 92° 49.50' W **Date:** 19-Feb-1993 **Time:** 1745

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.81	310.00	11.34	620.00	6.91
10.00	20.69	320.00	11.12	630.00	6.91
20.00	20.69	330.00	10.70	640.00	6.78
30.00	20.69	340.00	10.52	650.00	6.67
40.00	20.70	350.00	10.32	660.00	6.42
50.00	20.67	360.00	10.15		
60.00	20.68	370.00	9.96		
70.00	20.63	380.00	9.69		
80.00	20.59	390.00	9.64		
90.00	19.37	400.00	9.53		
100.00	18.64	410.00	9.36		
110.00	18.24	420.00	9.19		
120.00	17.81	430.00	9.06		
130.00	17.19	440.00	8.85		
140.00	16.60	450.00	8.76		
150.00	16.14	460.00	8.69		
160.00	15.82	470.00	8.63		
170.00	15.29	480.00	8.56		
180.00	14.91	490.00	8.47		
190.00	14.61	500.00	8.40		
200.00	14.41	510.00	8.32		
210.00	14.11	520.00	8.19		
220.00	13.53	530.00	7.87		
230.00	13.31	540.00	7.74		
240.00	13.09	550.00	7.58		
250.00	12.94	560.00	7.36		
260.00	12.55	570.00	7.29		
270.00	12.25	580.00	7.26		
280.00	11.95	590.00	7.18		
290.00	11.69	600.00	7.04		
300.00	11.50	610.00	6.99		

Cruise: GULFCET 04 **Station:** 06-062 **Probe Type:** T-7
Latitude: 27° 43.00' N **Longitude:** 92° 50.00' W **Date:** 19-Feb-1993 **Time:** 1545

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.63	310.00	11.35
10.00	20.50	320.00	11.28
20.00	20.50		
30.00	20.49		
40.00	20.48		
50.00	20.47		
60.00	20.45		
70.00	20.42		
80.00	20.40		
90.00	20.38		
100.00	19.78		
110.00	19.10		
120.00	18.28		
130.00	17.53		
140.00	16.87		
150.00	16.03		
160.00	15.69		
170.00	15.11		
180.00	14.77		
190.00	14.09		
200.00	13.89		
210.00	13.58		
220.00	13.40		
230.00	13.01		
240.00	12.72		
250.00	12.35		
260.00	11.85		
270.00	11.82		
280.00	11.63		
290.00	11.44		
300.00	11.35		

Cruise: GULFCET 04 **Station:** 06-063 **Probe Type:** T-10
Latitude: 27° 54.50' N **Longitude:** 92° 50.00' W **Date:** 19-Feb-1993 **Time:** 1351

Depth (m)	Temp. (°C)
0.00	20.96
10.00	20.57
20.00	20.57
30.00	20.56
40.00	20.55
50.00	20.55
60.00	20.51
70.00	20.47
80.00	20.32
90.00	20.04
100.00	19.36
110.00	18.71
120.00	18.11
130.00	17.35
140.00	16.76
150.00	16.08
160.00	15.37
170.00	15.03
180.00	14.71
190.00	14.22

Cruise: GULFCET 04 **Station:** 07-066 **Probe Type:** T-10
Latitude: 27° 52.90' N **Longitude:** 92° 10.00' W **Date:** 19-Feb-1993 **Time:** 0647

Depth (m)	Temp. (°C)
0.00	20.69
10.00	20.65
20.00	20.65
30.00	20.66
40.00	20.65
50.00	20.65
60.00	20.53
70.00	20.47
80.00	20.40
90.00	20.16
100.00	19.32
110.00	18.70
120.00	17.92
130.00	17.09
140.00	16.80
150.00	16.34
160.00	15.95
170.00	15.36
180.00	15.06
190.00	14.71
200.00	14.42
210.00	14.14

Cruise: GULFCET 04 **Station:** 07-067 **Probe Type:** T-7
Latitude: 27° 52.20' N **Longitude:** 92° 09.90' W **Date:** 19-Feb-1993 **Time:** 0635

Depth (m)	Temp. (°C)
0.00	20.72
10.00	20.70
20.00	20.70
30.00	20.70
40.00	20.70
50.00	20.70
60.00	20.70
70.00	20.70
80.00	20.42
90.00	20.26
100.00	19.53
110.00	19.00
120.00	18.20
130.00	17.56
140.00	17.09
150.00	16.71
160.00	16.29
170.00	15.92
180.00	15.61
190.00	14.95
200.00	14.50
210.00	14.23
220.00	13.87
230.00	13.77
240.00	13.36
250.00	13.11
260.00	12.90
270.00	12.65
280.00	12.52

Cruise: GULFCET 04 **Station:** 07-068 **Probe Type:** T-7
Latitude: 27° 44.80' N **Longitude:** 92° 10.00' W **Date:** 19-Feb-1993 **Time:** 0530

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.64	310.00	11.40
10.00	20.61	320.00	11.25
20.00	20.60	330.00	11.03
30.00	20.60	340.00	10.79
40.00	20.61	350.00	10.51
50.00	20.62	360.00	10.29
60.00	20.61	370.00	10.00
70.00	20.62	380.00	9.85
80.00	20.62	390.00	9.71
90.00	20.53	400.00	9.63
100.00	19.84	410.00	9.45
110.00	18.72	420.00	9.34
120.00	17.96	430.00	9.21
130.00	17.49	440.00	9.16
140.00	16.83	450.00	9.00
150.00	16.35	460.00	8.84
160.00	15.97	470.00	8.62
170.00	15.56	480.00	8.52
180.00	15.13		
190.00	14.69		
200.00	14.18		
210.00	13.93		
220.00	13.77		
230.00	13.39		
240.00	13.03		
250.00	12.73		
260.00	12.57		
270.00	12.46		
280.00	12.19		
290.00	11.91		
300.00	11.69		

Cruise: GULFCET 04 **Station:** 07-069 **Probe Type:** T-7
Latitude: 27° 37.00' N **Longitude:** 92° 09.90' W **Date:** 19-Feb-1993 **Time:** 0414

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.81	310.00	11.11	620.00	6.71
10.00	20.75	320.00	10.87	630.00	6.58
20.00	20.73	330.00	10.48	640.00	6.42
30.00	20.75	340.00	10.23	650.00	6.32
40.00	20.75	350.00	10.04	660.00	6.24
50.00	20.74	360.00	9.89	670.00	6.19
60.00	20.75	370.00	9.73	680.00	6.13
70.00	20.76	380.00	9.61	690.00	6.07
80.00	20.75	390.00	9.49		
90.00	20.13	400.00	9.42		
100.00	19.43	410.00	9.32		
110.00	18.68	420.00	9.26		
120.00	18.16	430.00	9.20		
130.00	17.65	440.00	9.03		
140.00	17.16	450.00	8.94		
150.00	16.51	460.00	8.81		
160.00	15.99	470.00	8.47		
170.00	15.65	480.00	8.24		
180.00	15.35	490.00	8.08		
190.00	14.98	500.00	7.90		
200.00	14.74	510.00	7.77		
210.00	14.37	520.00	7.57		
220.00	13.88	530.00	7.45		
230.00	13.43	540.00	7.34		
240.00	13.15	550.00	7.24		
250.00	12.81	560.00	7.19		
260.00	12.38	570.00	7.13		
270.00	12.05	580.00	7.04		
280.00	11.75	590.00	6.97		
290.00	11.53	600.00	6.87		
300.00	11.31	610.00	6.77		

Cruise: GULFCET 04 **Station:** 07-070 **Probe Type:** T-20
Latitude: 27° 29.40' N **Longitude:** 92° 09.90' W **Date:** 19-Feb-1993 **Time:** 0305

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.86	310.00	11.26	620.00	6.48
10.00	20.89	320.00	11.08	630.00	6.39
20.00	20.88	330.00	10.86	640.00	6.34
30.00	20.87	340.00	10.63	650.00	6.31
40.00	20.87	350.00	10.38	660.00	6.25
50.00	20.88	360.00	10.21	670.00	6.21
60.00	20.87	370.00	9.97	680.00	6.13
70.00	20.85	380.00	9.71	690.00	6.04
80.00	20.41	390.00	9.52	700.00	6.03
90.00	19.55	400.00	9.27	710.00	6.00
100.00	19.13	410.00	9.08	720.00	5.96
110.00	18.72	420.00	8.91	730.00	5.86
120.00	18.03	430.00	8.72	740.00	5.80
130.00	17.61	440.00	8.61	750.00	5.79
140.00	16.98	450.00	8.48	760.00	5.74
150.00	16.48	460.00	8.34	770.00	5.71
160.00	16.07	470.00	8.18	780.00	5.69
170.00	15.70	480.00	8.00	790.00	5.63
180.00	15.29	490.00	7.80	800.00	5.48
190.00	14.78	500.00	7.70	810.00	5.43
200.00	14.45	510.00	7.57	820.00	5.41
210.00	14.10	520.00	7.51		
220.00	13.80	530.00	7.30		
230.00	13.48	540.00	7.21		
240.00	13.18	550.00	7.09		
250.00	12.81	560.00	6.96		
260.00	12.50	570.00	6.82		
270.00	12.25	580.00	6.73		
280.00	12.04	590.00	6.67		
290.00	11.75	600.00	6.59		
300.00	11.51	610.00	6.53		

Cruise: GULFCET 04 **Station:** 07-072 **Probe Type:** T-20
Latitude: 27° 10.00' N **Longitude:** 92° 09.90' W **Date:** 18-Feb-1993 **Time:** 2308

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.81	310.00	11.20	620.00	6.65	930.00	5.14
10.00	20.77	320.00	11.00	630.00	6.56	940.00	5.10
20.00	20.73	330.00	10.84	640.00	6.49	950.00	5.09
30.00	20.72	340.00	10.58	650.00	6.41	960.00	4.95
40.00	20.72	350.00	10.37	660.00	6.34	970.00	4.95
50.00	20.72	360.00	10.22	670.00	6.23	980.00	4.90
60.00	20.72	370.00	10.12	680.00	6.16	990.00	4.89
70.00	20.72	380.00	9.86	690.00	6.06		
80.00	20.30	390.00	9.67	700.00	5.96		
90.00	19.75	400.00	9.47	710.00	5.88		
100.00	19.13	410.00	9.35	720.00	5.83		
110.00	18.36	420.00	9.15	730.00	5.77		
120.00	17.84	430.00	8.99	740.00	5.74		
130.00	17.31	440.00	8.82	750.00	5.69		
140.00	16.77	450.00	8.65	760.00	5.62		
150.00	16.34	460.00	8.43	770.00	5.60		
160.00	15.91	470.00	8.27	780.00	5.57		
170.00	15.43	480.00	8.11	790.00	5.53		
180.00	15.02	490.00	8.02	800.00	5.52		
190.00	14.69	500.00	7.88	810.00	5.48		
200.00	14.38	510.00	7.76	820.00	5.44		
210.00	13.96	520.00	7.66	830.00	5.43		
220.00	13.64	530.00	7.56	840.00	5.38		
230.00	13.26	540.00	7.42	850.00	5.35		
240.00	12.97	550.00	7.36	860.00	5.30		
250.00	12.76	560.00	7.30	870.00	5.26		
260.00	12.41	570.00	7.17	880.00	5.23		
270.00	12.20	580.00	7.06	890.00	5.16		
280.00	11.91	590.00	6.93	900.00	5.12		
290.00	11.65	600.00	6.81	910.00	5.08		
300.00	11.38	610.00	6.73	920.00	5.06		

Cruise: GULFCET 04 **Station:** 08-079 **Probe Type:** T-20
Latitude: 27° 23.00' N **Longitude:** 91° 30.00' W **Date:** 17-Feb-1993 **Time:** 2100

Depth (m)	Temp. (°C)
0.00	20.72
10.00	20.79
20.00	20.81
30.00	20.86
40.00	20.98
50.00	21.05
60.00	20.74
70.00	20.47
80.00	19.98
90.00	19.63
100.00	19.08
110.00	18.45
120.00	18.01
130.00	17.47
140.00	16.83
150.00	16.25
160.00	15.68
170.00	15.15
180.00	14.66
190.00	14.36
200.00	13.96
210.00	13.72
220.00	13.40
230.00	13.12
240.00	12.78
250.00	12.53
260.00	12.39
270.00	12.18
280.00	11.93
290.00	11.62
300.00	11.38

Cruise: GULFCET 04 **Station:** 08-081 **Probe Type:** T-20
Latitude: 27° 33.00' N **Longitude:** 91° 30.00' W **Date:** 17-Feb-1993 **Time:** 1817

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.42	310.00	11.66	620.00	7.22
10.00	20.46	320.00	11.41	630.00	7.12
20.00	20.94	330.00	11.28	640.00	7.00
30.00	21.08	340.00	11.28	650.00	6.89
40.00	21.12	350.00	11.03	660.00	6.79
50.00	20.98	360.00	10.80	670.00	6.70
60.00	21.14	370.00	10.64	680.00	6.59
70.00	21.14	380.00	10.62	690.00	6.53
80.00	20.92	390.00	10.57	700.00	6.46
90.00	20.31	400.00	10.43	710.00	6.36
100.00	20.13	410.00	10.35	720.00	6.29
110.00	18.98	420.00	10.22	730.00	6.26
120.00	18.51	430.00	9.96	740.00	6.21
130.00	18.03	440.00	9.84	750.00	6.17
140.00	17.30	450.00	9.61	760.00	6.12
150.00	16.66	460.00	9.38	770.00	6.06
160.00	16.38	470.00	9.31	780.00	5.99
170.00	15.99	480.00	9.18	790.00	6.13
180.00	15.41	490.00	8.88	800.00	5.98
190.00	14.77	500.00	8.61	810.00	5.88
200.00	14.40	510.00	8.47	820.00	5.82
210.00	14.21	520.00	8.28	830.00	5.73
220.00	13.95	530.00	8.19	840.00	5.69
230.00	13.71	540.00	8.03	850.00	5.66
240.00	13.34	550.00	7.85	860.00	5.59
250.00	13.25	560.00	7.66	870.00	5.56
260.00	12.96	570.00	7.58	880.00	5.54
270.00	12.60	580.00	7.50	890.00	5.54
280.00	12.35	590.00	7.43	900.00	5.54
290.00	12.25	600.00	7.37	910.00	5.54
300.00	11.91	610.00	7.31		

Cruise: GULFCET 04 **Station:** 08-082 **Probe Type:** T-7
Latitude: 27° 45.50' N **Longitude:** 91° 30.00' W **Date:** 17-Feb-1993 **Time:** 1617

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.51	310.00	11.30	620.00	6.52
10.00	20.50	320.00	11.10	630.00	6.44
20.00	20.54	330.00	10.90	640.00	6.36
30.00	20.76	340.00	10.65	650.00	6.28
40.00	20.74	350.00	10.33	660.00	6.21
50.00	20.75	360.00	10.15	670.00	6.14
60.00	20.74	370.00	9.97	680.00	6.10
70.00	20.75	380.00	9.86	690.00	6.06
80.00	20.74	390.00	9.71	700.00	6.03
90.00	20.40	400.00	9.64		
100.00	19.42	410.00	9.58		
110.00	18.83	420.00	9.51		
120.00	18.41	430.00	9.27		
130.00	17.53	440.00	9.07		
140.00	16.78	450.00	8.78		
150.00	16.19	460.00	8.50		
160.00	15.85	470.00	8.29		
170.00	15.44	480.00	8.14		
180.00	15.03	490.00	8.00		
190.00	14.52	500.00	7.93		
200.00	14.28	510.00	7.81		
210.00	13.84	520.00	7.69		
220.00	13.62	530.00	7.57		
230.00	13.26	540.00	7.21		
240.00	13.10	550.00	7.11		
250.00	12.64	560.00	7.04		
260.00	12.45	570.00	6.98		
270.00	12.26	580.00	6.84		
280.00	12.05	590.00	6.73		
290.00	11.83	600.00	6.70		
300.00	11.66	610.00	6.67		

Cruise: GULFCET 04 **Station:** 08-083 **Probe Type:** T-7
Latitude: 27° 49.50' N **Longitude:** 91° 30.00' W **Date:** 17-Feb-1993 **Time:** 1540

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.46	310.00	11.64
10.00	20.37	320.00	11.39
20.00	20.72	330.00	11.27
30.00	20.85	340.00	11.12
40.00	20.85	350.00	10.93
50.00	20.82	360.00	10.40
60.00	20.73		
70.00	20.59		
80.00	20.53		
90.00	20.22		
100.00	19.05		
110.00	18.40		
120.00	17.71		
130.00	17.21		
140.00	16.86		
150.00	16.26		
160.00	15.92		
170.00	15.38		
180.00	14.99		
190.00	14.70		
200.00	14.34		
210.00	14.11		
220.00	13.73		
230.00	13.55		
240.00	13.37		
250.00	13.16		
260.00	12.81		
270.00	12.64		
280.00	12.25		
290.00	11.99		
300.00	11.82		

Cruise: GULFCET 04 **Station:** 08-084 **Probe Type:** T-7
Latitude: 27° 52.00' N **Longitude:** 91° 30.00' W **Date:** 17-Feb-1993 **Time:** 1517

Depth (m)	Temp. (°C)
0.00	20.45
10.00	20.26
20.00	20.54
30.00	20.82
40.00	20.87
50.00	20.83
60.00	20.69
70.00	20.58
80.00	20.56
90.00	20.42
100.00	19.33
110.00	18.79
120.00	17.83
130.00	17.57
140.00	17.03
150.00	16.35
160.00	15.59
170.00	15.33
180.00	15.08
190.00	14.72
200.00	14.30
210.00	14.04
220.00	13.99
230.00	13.82
240.00	13.55
250.00	13.11
260.00	13.05

Cruise: GULFCET 04 **Station:** 08-085 **Probe Type:** T-10
Latitude: 27° 52.90' N **Longitude:** 91° 30.00' W **Date:** 17-Feb-1993 **Time:** 1508

Depth (m)	Temp. (°C)
0.00	20.30
10.00	20.21
20.00	20.50
30.00	20.82
40.00	20.85
50.00	20.83
60.00	20.69
70.00	20.55
80.00	20.51
90.00	20.15
100.00	18.98
110.00	18.56
120.00	17.83
130.00	17.11
140.00	16.69
150.00	16.21
160.00	15.74
170.00	15.42
180.00	15.30
190.00	14.84

Cruise: GULFCET 04 **Station:** 09-088 **Probe Type:** T-10
Latitude: 28° 03.00' N **Longitude:** 90° 49.90' W **Date:** 17-Feb-1993 **Time:** 0704

Depth (m)	Temp. (°C)
0.00	19.97
10.00	21.05
20.00	21.67
30.00	21.69
40.00	21.45
50.00	20.86
60.00	20.71
70.00	20.51
80.00	19.88
90.00	19.22
100.00	18.19
110.00	17.57
120.00	17.30
130.00	16.98
140.00	16.91
150.00	16.74
160.00	16.51
170.00	16.25
180.00	15.87
190.00	14.63

Cruise: GULFCET 04 **Station:** 09-089 **Probe Type:** T-7
Latitude: 28° 00.00' N **Longitude:** 90° 49.90' W **Date:** 17-Feb-1993 **Time:** 0639

Depth (m)	Temp. (°C)
0.00	20.74
10.00	21.16
20.00	21.87
30.00	21.68
40.00	21.36
50.00	21.26
60.00	20.64
70.00	20.00
80.00	19.72
90.00	18.68
100.00	18.16
110.00	17.38
120.00	16.68
130.00	16.46
140.00	16.39
150.00	16.12
160.00	15.84
170.00	15.62
180.00	15.00
190.00	14.52
200.00	14.20
210.00	13.86
220.00	13.55
230.00	13.17
240.00	12.88
250.00	12.77
260.00	12.50
270.00	12.46
280.00	12.32
290.00	12.16
300.00	11.68

Cruise: GULFCET 04 **Station:** 09-090 **Probe Type:** T-7
Latitude: 27° 52.00' N **Longitude:** 90° 50.00' W **Date:** 17-Feb-1993 **Time:** 0514

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	21.48	310.00	11.21
10.00	21.48	320.00	11.05
20.00	21.49	330.00	10.82
30.00	21.40	340.00	10.72
40.00	20.94	350.00	10.28
50.00	20.75	360.00	10.06
60.00	20.50	370.00	9.62
70.00	19.75	380.00	9.26
80.00	19.06	390.00	9.06
90.00	18.01	400.00	8.92
100.00	17.58		
110.00	16.98		
120.00	16.62		
130.00	16.44		
140.00	15.87		
150.00	15.48		
160.00	15.19		
170.00	14.71		
180.00	14.29		
190.00	14.11		
200.00	13.74		
210.00	13.36		
220.00	13.04		
230.00	12.80		
240.00	12.61		
250.00	12.34		
260.00	12.00		
270.00	11.54		
280.00	11.40		
290.00	11.39		
300.00	11.32		

Cruise: GULFCET 04 **Station:** 09-091 **Probe Type:** T-7
Latitude: 27° 45.90' N **Longitude:** 90° 50.00' W **Date:** 17-Feb-1993 **Time:** 0414

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	21.71	310.00	10.80
10.00	21.70	320.00	10.61
20.00	21.71	330.00	10.36
30.00	21.13	340.00	10.13
40.00	20.70	350.00	9.88
50.00	20.50		
60.00	19.90		
70.00	19.18		
80.00	18.70		
90.00	17.96		
100.00	17.58		
110.00	17.04		
120.00	16.49		
130.00	15.98		
140.00	15.48		
150.00	14.99		
160.00	14.69		
170.00	14.45		
180.00	13.80		
190.00	13.53		
200.00	13.23		
210.00	12.88		
220.00	12.66		
230.00	12.42		
240.00	12.22		
250.00	11.92		
260.00	11.71		
270.00	11.58		
280.00	11.40		
290.00	11.19		
300.00	10.98		

Cruise: GULFCET 04 **Station:** 09-092 **Probe Type:** T-20
Latitude: 27° 39.50' N **Longitude:** 90° 50.00' W **Date:** 17-Feb-1993 **Time:** 0308

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.02	310.00	10.24	620.00	6.54
10.00	21.81	320.00	10.05	630.00	6.48
20.00	21.81	330.00	9.86	640.00	6.43
30.00	21.81	340.00	9.63	650.00	6.29
40.00	21.82	350.00	9.45	660.00	6.20
50.00	20.82	360.00	9.27	670.00	6.14
60.00	19.76	370.00	9.15	680.00	6.13
70.00	19.12	380.00	9.01	690.00	6.09
80.00	18.38	390.00	8.91	700.00	6.01
90.00	17.78	400.00	8.77	710.00	5.86
100.00	17.42	410.00	8.66	720.00	5.81
110.00	16.88	420.00	8.48	730.00	5.76
120.00	16.48	430.00	8.32	740.00	5.73
130.00	16.00	440.00	8.10	750.00	5.67
140.00	15.52	450.00	7.94	760.00	5.61
150.00	15.33	460.00	7.72	770.00	5.57
160.00	14.93	470.00	7.57	780.00	5.53
170.00	14.68	480.00	7.50	790.00	5.47
180.00	14.24	490.00	7.40		
190.00	13.91	500.00	7.29		
200.00	13.48	510.00	7.23		
210.00	13.24	520.00	7.15		
220.00	13.03	530.00	7.05		
230.00	12.63	540.00	6.96		
240.00	12.20	550.00	6.92		
250.00	11.81	560.00	6.91		
260.00	11.49	570.00	6.89		
270.00	11.18	580.00	6.87		
280.00	11.01	590.00	6.81		
290.00	10.74	600.00	6.74		
300.00	10.47	610.00	6.66		

Cruise: GULFCET 04 **Station:** 09-094 **Probe Type:** T-20
Latitude: 27° 15.90' N **Longitude:** 90° 49.90' W **Date:** 16-Feb-1993 **Time:** 2154

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	21.78	310.00	10.98	620.00	6.64	930.00	4.99
10.00	21.40	320.00	10.85	630.00	6.57	940.00	4.98
20.00	21.40	330.00	10.74	640.00	6.45	950.00	4.94
30.00	21.38	340.00	10.66	650.00	6.36	960.00	4.91
40.00	21.39	350.00	10.43	660.00	6.26	970.00	4.89
50.00	21.22	360.00	10.16	670.00	6.21	980.00	4.86
60.00	20.93	370.00	9.81	680.00	6.11	990.00	4.85
70.00	19.87	380.00	9.65	690.00	6.02		
80.00	19.24	390.00	9.40	700.00	5.97		
90.00	18.69	400.00	9.23	710.00	5.91		
100.00	18.23	410.00	9.05	720.00	5.84		
110.00	17.60	420.00	8.86	730.00	5.79		
120.00	16.99	430.00	8.77	740.00	5.75		
130.00	16.57	440.00	8.62	750.00	5.71		
140.00	16.31	450.00	8.46	760.00	5.66		
150.00	15.81	460.00	8.29	770.00	5.63		
160.00	15.30	470.00	8.20	780.00	5.60		
170.00	14.86	480.00	8.13	790.00	5.56		
180.00	14.52	490.00	7.98	800.00	5.53		
190.00	14.26	500.00	7.82	810.00	5.48		
200.00	13.85	510.00	7.69	820.00	5.42		
210.00	13.57	520.00	7.60	830.00	5.36		
220.00	13.15	530.00	7.50	840.00	5.32		
230.00	12.86	540.00	7.39	850.00	5.27		
240.00	12.54	550.00	7.35	860.00	5.22		
250.00	12.34	560.00	7.25	870.00	5.19		
260.00	12.17	570.00	7.17	880.00	5.16		
270.00	11.79	580.00	7.04	890.00	5.13		
280.00	11.45	590.00	6.94	900.00	5.10		
290.00	11.22	600.00	6.87	910.00	5.04		
300.00	11.12	610.00	6.76	920.00	5.02		

Cruise: GULFCET 04 **Station:** 10-098 **Probe Type:** T-20
Latitude: 27° 11.20' N **Longitude:** 90° 10.00' W **Date:** 16-Feb-1993 **Time:** 0937

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	21.98	310.00	10.26	620.00	6.22	930.00	4.87
10.00	21.93	320.00	9.98	630.00	6.14	940.00	4.83
20.00	21.57	330.00	9.97	640.00	6.08	950.00	4.80
30.00	21.36	340.00	9.73	650.00	6.01	960.00	4.78
40.00	21.36	350.00	9.53	660.00	5.95	970.00	4.77
50.00	21.26	360.00	9.34	670.00	5.91	980.00	4.74
60.00	21.07	370.00	9.15	680.00	5.87	990.00	4.68
70.00	19.32	380.00	9.10	690.00	5.84		
80.00	18.46	390.00	8.91	700.00	5.78		
90.00	17.99	400.00	8.69	710.00	5.73		
100.00	17.39	410.00	8.51	720.00	5.68		
110.00	16.55	420.00	8.33	730.00	5.64		
120.00	16.08	430.00	8.22	740.00	5.60		
130.00	15.46	440.00	8.08	750.00	5.56		
140.00	15.19	450.00	7.96	760.00	5.52		
150.00	14.95	460.00	7.87	770.00	5.46		
160.00	14.46	470.00	7.79	780.00	5.41		
170.00	14.12	480.00	7.66	790.00	5.35		
180.00	13.75	490.00	7.54	800.00	5.32		
190.00	13.52	500.00	7.42	810.00	5.28		
200.00	13.23	510.00	7.29	820.00	5.24		
210.00	12.77	520.00	7.20	830.00	5.20		
220.00	12.52	530.00	7.05	840.00	5.17		
230.00	12.26	540.00	6.98	850.00	5.13		
240.00	12.00	550.00	6.91	860.00	5.10		
250.00	11.90	560.00	6.79	870.00	5.07		
260.00	11.51	570.00	6.68	880.00	5.03		
270.00	11.21	580.00	6.58	890.00	4.99		
280.00	10.97	590.00	6.48	900.00	4.96		
290.00	10.66	600.00	6.42	910.00	4.93		
300.00	10.56	610.00	6.30	920.00	4.90		

Cruise: GULFCET 04 **Station:** 10-099 **Probe Type:** T-20
Latitude: 27° 39.90' N **Longitude:** 90° 09.90' W **Date:** 16-Feb-1993 **Time:** 0504

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.75	310.00	9.08	620.00	6.26
10.00	20.55	320.00	8.97	630.00	6.19
20.00	20.55	330.00	8.81	640.00	6.16
30.00	20.55	340.00	8.65	650.00	6.11
40.00	20.55	350.00	8.53	660.00	6.09
50.00	20.55	360.00	8.31	670.00	6.06
60.00	20.55	370.00	8.18	680.00	6.03
70.00	20.53	380.00	8.00	690.00	6.01
80.00	19.82	390.00	7.83	700.00	5.98
90.00	19.08	400.00	7.74	710.00	5.96
100.00	18.13	410.00	7.64	720.00	5.92
110.00	17.14	420.00	7.57	730.00	5.86
120.00	16.20	430.00	7.49	740.00	5.82
130.00	15.58	440.00	7.30	750.00	5.75
140.00	15.00	450.00	7.19	760.00	5.71
150.00	14.48	460.00	7.09	770.00	5.68
160.00	13.74	470.00	7.02	780.00	5.63
170.00	13.28	480.00	6.95	790.00	5.59
180.00	12.54	490.00	6.90	800.00	5.58
190.00	12.02	500.00	6.83	810.00	5.56
200.00	11.62	510.00	6.78	820.00	5.57
210.00	11.31	520.00	6.71	830.00	5.56
220.00	11.14	530.00	6.65	840.00	5.54
230.00	10.81	540.00	6.59	850.00	5.52
240.00	10.57	550.00	6.53	860.00	5.44
250.00	10.25	560.00	6.46		
260.00	9.97	570.00	6.41		
270.00	9.84	580.00	6.39		
280.00	9.70	590.00	6.36		
290.00	9.52	600.00	6.32		
300.00	9.28	610.00	6.29		

Cruise: GULFCET 04 **Station:** 10-101 **Probe Type:** T-7
Latitude: 27° 50.10' N **Longitude:** 90° 09.95' W **Date:** 16-Feb-1993 **Time:** 0230

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.67	310.00	8.47	620.00	6.00
10.00	20.65	320.00	8.32	630.00	5.97
20.00	20.62	330.00	8.15	640.00	5.92
30.00	20.62	340.00	8.03		
40.00	20.61	350.00	7.95		
50.00	20.54	360.00	7.81		
60.00	20.54	370.00	7.70		
70.00	20.46	380.00	7.60		
80.00	19.56	390.00	7.56		
90.00	19.00	400.00	7.49		
100.00	17.99	410.00	7.35		
110.00	17.19	420.00	7.20		
120.00	16.52	430.00	7.07		
130.00	15.60	440.00	7.01		
140.00	14.57	450.00	6.98		
150.00	13.96	460.00	6.95		
160.00	13.48	470.00	6.91		
170.00	13.10	480.00	6.79		
180.00	12.50	490.00	6.62		
190.00	12.05	500.00	6.57		
200.00	11.43	510.00	6.48		
210.00	11.13	520.00	6.40		
220.00	10.63	530.00	6.35		
230.00	10.17	540.00	6.31		
240.00	9.93	550.00	6.28		
250.00	9.49	560.00	6.23		
260.00	9.25	570.00	6.16		
270.00	9.06	580.00	6.12		
280.00	8.93	590.00	6.07		
290.00	8.75	600.00	6.05		
300.00	8.65	610.00	6.03		

Cruise: GULFCET 04 **Station:** 10-102 **Probe Type:** T-7
Latitude: 28° 02.00' N **Longitude:** 90° 10.00' W **Date:** 16-Feb-1993 **Time:** 0021

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	21.35	310.00	9.22
10.00	21.30	320.00	9.06
20.00	21.16	330.00	8.86
30.00	21.05	340.00	8.70
40.00	20.90	350.00	8.59
50.00	20.80	360.00	8.41
60.00	20.78	370.00	8.28
70.00	20.66	380.00	8.15
80.00	20.30	390.00	8.11
90.00	19.22	400.00	8.03
100.00	18.69	410.00	7.87
110.00	18.27	420.00	7.81
120.00	17.93	430.00	7.80
130.00	17.22	440.00	7.74
140.00	16.45	450.00	7.70
150.00	15.55	460.00	7.68
160.00	14.89	470.00	7.67
170.00	14.25	480.00	7.56
180.00	13.90	490.00	7.49
190.00	13.50	500.00	7.42
200.00	13.27		
210.00	12.56		
220.00	11.63		
230.00	11.38		
240.00	11.27		
250.00	10.82		
260.00	10.74		
270.00	10.29		
280.00	9.91		
290.00	9.62		
300.00	9.47		

Cruise: GULFCET 04 **Station:** 10-103 **Probe Type:** T-7
Latitude: 28° 04.00' N **Longitude:** 90° 09.90' W **Date:** 15-Feb-1993 **Time:** 2358

Depth (m)	Temp. (°C)
0.00	21.40
10.00	21.37
20.00	21.36
30.00	21.07
40.00	20.80
50.00	20.67
60.00	20.56
70.00	20.53
80.00	19.94
90.00	19.04
100.00	18.54
110.00	17.54
120.00	17.11
130.00	16.77
140.00	16.36
150.00	15.90
160.00	15.23
170.00	14.68
180.00	13.99
190.00	13.70
200.00	12.99
210.00	12.23

Cruise: GULFCET 04 **Station:** 10-104 **Probe Type:** T-10
Latitude: 28° 09.40' N **Longitude:** 90° 10.10' W **Date:** 15-Feb-1993 **Time:** 2207

Depth (m)	Temp. (°C)
0.00	22.11
10.00	22.01
20.00	22.01
30.00	22.01
40.00	22.01
50.00	21.99
60.00	21.37
70.00	20.13
80.00	19.08
90.00	18.27
100.00	17.62
110.00	17.31
120.00	17.02
130.00	16.47
140.00	15.89
150.00	15.56
160.00	15.01
170.00	14.65
180.00	14.24

Cruise: GULFCET 04 **Station:** 11-107 **Probe Type:** T-10
Latitude: 28° 36.10' N **Longitude:** 89° 30.00' W **Date:** 15-Feb-1993 **Time:** 1059

Depth (m)	Temp. (°C)
0.00	22.44
10.00	22.42
20.00	22.45
30.00	22.46
40.00	22.47
50.00	22.45
60.00	22.34
70.00	21.93
80.00	21.18
90.00	19.80
100.00	19.38
110.00	18.92
120.00	18.33
130.00	15.44
140.00	13.80

Cruise: GULFCET 04 **Station:** 11-108 **Probe Type:** T-7
Latitude: 28° 31.90' N **Longitude:** 89° 30.00' W **Date:** 15-Feb-1993 **Time:** 1023

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.48	310.00	11.65
10.00	22.45	320.00	11.47
20.00	22.46	330.00	11.09
30.00	22.43	340.00	10.44
40.00	22.39		
50.00	22.33		
60.00	22.34		
70.00	22.19		
80.00	21.36		
90.00	20.55		
100.00	19.71		
110.00	18.87		
120.00	18.10		
130.00	17.83		
140.00	17.43		
150.00	16.08		
160.00	15.48		
170.00	15.17		
180.00	14.65		
190.00	14.31		
200.00	14.17		
210.00	13.98		
220.00	13.81		
230.00	13.47		
240.00	13.41		
250.00	13.30		
260.00	13.05		
270.00	12.57		
280.00	12.20		
290.00	12.02		
300.00	11.81		

Cruise: GULFCET 04 **Station:** 11-109 **Probe Type:** T-7
Latitude: 28° 28.00' N **Longitude:** 89° 30.00' W **Date:** 15-Feb-1993 **Time:** 0947

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.06	310.00	11.59
10.00	22.05	320.00	11.46
20.00	22.05	330.00	11.14
30.00	22.05	340.00	10.95
40.00	22.06	350.00	10.80
50.00	22.06	360.00	10.39
60.00	22.06	370.00	10.10
70.00	21.97	380.00	9.92
80.00	21.74	390.00	9.72
90.00	20.83	400.00	9.54
100.00	19.84	410.00	9.41
110.00	19.06	420.00	9.16
120.00	18.51	430.00	9.05
130.00	18.00	440.00	9.01
140.00	17.23	450.00	8.72
150.00	16.77	460.00	8.52
160.00	16.48	470.00	8.23
170.00	15.97	480.00	8.10
180.00	15.53	490.00	8.03
190.00	15.16	500.00	7.92
200.00	14.89	510.00	7.82
210.00	14.54	520.00	7.64
220.00	14.17	530.00	7.54
230.00	13.84		
240.00	13.48		
250.00	13.00		
260.00	12.66		
270.00	12.49		
280.00	12.31		
290.00	11.98		
300.00	11.70		

Cruise: GULFCET 04 **Station:** 11-110 **Probe Type:** T-7
Latitude: 28° 21.50' N **Longitude:** 89° 30.00' W **Date:** 15-Feb-1993 **Time:** 0851

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.07	310.00	11.77	620.00	6.68
10.00	21.99	320.00	11.54	630.00	6.63
20.00	21.99	330.00	11.31	640.00	6.54
30.00	21.99	340.00	11.10	650.00	6.45
40.00	21.99	350.00	10.86	660.00	6.39
50.00	21.99	360.00	10.69	670.00	6.34
60.00	21.99	370.00	10.41	680.00	6.33
70.00	22.00	380.00	10.22	690.00	6.23
80.00	21.99	390.00	10.10	700.00	6.14
90.00	21.67	400.00	9.96	710.00	6.10
100.00	20.79	410.00	9.71	720.00	5.98
110.00	19.72	420.00	9.55		
120.00	19.32	430.00	9.34		
130.00	18.64	440.00	9.12		
140.00	17.94	450.00	8.95		
150.00	17.24	460.00	8.76		
160.00	16.88	470.00	8.68		
170.00	16.59	480.00	8.44		
180.00	16.16	490.00	8.34		
190.00	15.76	500.00	8.19		
200.00	15.42	510.00	8.04		
210.00	15.13	520.00	7.90		
220.00	14.34	530.00	7.80		
230.00	13.49	540.00	7.73		
240.00	13.23	550.00	7.58		
250.00	13.02	560.00	7.48		
260.00	12.73	570.00	7.38		
270.00	12.57	580.00	7.21		
280.00	12.33	590.00	7.12		
290.00	12.19	600.00	6.99		
300.00	11.90	610.00	6.81		

Cruise: GULFCET 04 **Station:** 11-111 **Probe Type:** T-20
Latitude: 28° 15.00' N **Longitude:** 89° 29.90' W **Date:** 15-Feb-1993 **Time:** 0755

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.09	310.00	11.88	620.00	7.15	930.00	5.21
10.00	22.00	320.00	11.68	630.00	7.02	940.00	5.18
20.00	21.99	330.00	11.49	640.00	6.91		
30.00	22.00	340.00	11.27	650.00	6.79		
40.00	22.00	350.00	11.14	660.00	6.65		
50.00	22.00	360.00	11.01	670.00	6.59		
60.00	22.00	370.00	10.81	680.00	6.53		
70.00	21.99	380.00	10.59	690.00	6.46		
80.00	22.00	390.00	10.35	700.00	6.40		
90.00	21.98	400.00	10.10	710.00	6.35		
100.00	21.12	410.00	9.91	720.00	6.29		
110.00	20.33	420.00	9.68	730.00	6.21		
120.00	19.68	430.00	9.61	740.00	6.14		
130.00	19.02	440.00	9.45	750.00	6.11		
140.00	18.58	450.00	9.25	760.00	6.05		
150.00	17.94	460.00	9.12	770.00	5.94		
160.00	17.31	470.00	8.94	780.00	5.91		
170.00	16.86	480.00	8.78	790.00	5.88		
180.00	16.36	490.00	8.60	800.00	5.82		
190.00	15.93	500.00	8.48	810.00	5.77		
200.00	15.54	510.00	8.26	820.00	5.70		
210.00	15.11	520.00	8.11	830.00	5.64		
220.00	14.60	530.00	8.01	840.00	5.55		
230.00	14.25	540.00	7.93	850.00	5.53		
240.00	13.89	550.00	7.84	860.00	5.53		
250.00	13.61	560.00	7.76	870.00	5.49		
260.00	13.33	570.00	7.68	880.00	5.46		
270.00	13.05	580.00	7.57	890.00	5.42		
280.00	12.64	590.00	7.43	900.00	5.38		
290.00	12.41	600.00	7.34	910.00	5.34		
300.00	12.18	610.00	7.22	920.00	5.27		

Cruise: GULFCET 04 **Station:** 11-113 **Probe Type:** T-20
Latitude: 27° 38.00' N **Longitude:** 89° 30.00' W **Date:** 15-Feb-1993 **Time:** 0100

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	22.54	310.00	11.66	620.00	6.97	930.00	5.23
10.00	22.49	320.00	11.38	630.00	6.88	940.00	5.19
20.00	22.49	330.00	11.29	640.00	6.75	950.00	5.18
30.00	22.49	340.00	11.20	650.00	6.65	960.00	5.16
40.00	22.49	350.00	11.00	660.00	6.61	970.00	5.12
50.00	22.48	360.00	10.81	670.00	6.53	980.00	5.08
60.00	22.00	370.00	10.62	680.00	6.43	990.00	5.06
70.00	20.58	380.00	10.41	690.00	6.40		
80.00	19.93	390.00	10.24	700.00	6.32		
90.00	19.67	400.00	10.08	710.00	6.29		
100.00	19.20	410.00	9.78	720.00	6.23		
110.00	18.45	420.00	9.59	730.00	6.16		
120.00	17.86	430.00	9.44	740.00	6.14		
130.00	17.47	440.00	9.32	750.00	6.05		
140.00	17.20	450.00	9.11	760.00	5.99		
150.00	16.65	460.00	8.88	770.00	5.93		
160.00	16.09	470.00	8.79	780.00	5.87		
170.00	15.75	480.00	8.65	790.00	5.81		
180.00	15.34	490.00	8.48	800.00	5.78		
190.00	14.94	500.00	8.36	810.00	5.73		
200.00	14.57	510.00	8.22	820.00	5.71		
210.00	14.29	520.00	8.09	830.00	5.71		
220.00	14.00	530.00	7.98	840.00	5.67		
230.00	13.73	540.00	7.86	850.00	5.61		
240.00	13.45	550.00	7.74	860.00	5.53		
250.00	13.13	560.00	7.62	870.00	5.48		
260.00	12.93	570.00	7.48	880.00	5.44		
270.00	12.73	580.00	7.35	890.00	5.40		
280.00	12.50	590.00	7.26	900.00	5.36		
290.00	12.22	600.00	7.17	910.00	5.29		
300.00	11.97	610.00	7.06	920.00	5.30		

Cruise: GULFCET 04 **Station:** 12-118 **Probe Type:** T-20
Latitude: 28° 14.50' N **Longitude:** 88° 49.90' W **Date:** 14-Feb-1993 **Time:** 0850

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	21.98	310.00	13.50	620.00	7.64	930.00	5.32
10.00	21.96	320.00	13.22	630.00	7.52	940.00	5.29
20.00	21.96	330.00	12.94	640.00	7.37	950.00	5.25
30.00	21.96	340.00	12.79	650.00	7.26	960.00	5.22
40.00	21.97	350.00	12.54	660.00	7.19	970.00	5.18
50.00	21.97	360.00	12.39	670.00	7.01	980.00	5.11
60.00	21.97	370.00	12.14	680.00	6.89	990.00	5.07
70.00	21.97	380.00	11.90	690.00	6.83		
80.00	21.98	390.00	11.57	700.00	6.77		
90.00	21.97	400.00	11.38	710.00	6.68		
100.00	21.98	410.00	11.21	720.00	6.62		
110.00	21.97	420.00	10.91	730.00	6.57		
120.00	20.84	430.00	10.72	740.00	6.44		
130.00	20.27	440.00	10.48	750.00	6.37		
140.00	19.42	450.00	10.29	760.00	6.30		
150.00	18.88	460.00	10.12	770.00	6.21		
160.00	18.44	470.00	9.91	780.00	6.14		
170.00	17.98	480.00	9.73	790.00	6.10		
180.00	17.52	490.00	9.53	800.00	6.05		
190.00	17.18	500.00	9.36	810.00	5.95		
200.00	16.79	510.00	9.22	820.00	5.85		
210.00	16.51	520.00	9.02	830.00	5.77		
220.00	16.29	530.00	8.81	840.00	5.72		
230.00	15.98	540.00	8.65	850.00	5.67		
240.00	15.66	550.00	8.58	860.00	5.64		
250.00	15.31	560.00	8.49	870.00	5.60		
260.00	15.16	570.00	8.30	880.00	5.55		
270.00	14.78	580.00	8.18	890.00	5.50		
280.00	14.45	590.00	8.13	900.00	5.46		
290.00	14.18	600.00	8.11	910.00	5.41		
300.00	13.86	610.00	7.87	920.00	5.36		

Cruise: GULFCET 04 **Station:** 12-120 **Probe Type:** T-20
Latitude: 28° 43.50' N **Longitude:** 88° 50.00' W **Date:** 14-Feb-1993 **Time:** 0309

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.57	310.00	12.06	620.00	6.85
10.00	22.55	320.00	11.82	630.00	6.76
20.00	22.62	330.00	11.60	640.00	6.64
30.00	22.64	340.00	11.47	650.00	6.59
40.00	22.64	350.00	11.28	660.00	6.35
50.00	22.47	360.00	11.08	670.00	6.26
60.00	22.42	370.00	10.96	680.00	6.12
70.00	22.36	380.00	10.90	690.00	6.01
80.00	21.52	390.00	10.79	700.00	5.92
90.00	20.98	400.00	10.62	710.00	5.84
100.00	20.14	410.00	10.44	720.00	5.81
110.00	19.63	420.00	10.16	730.00	5.78
120.00	18.88	430.00	9.98	740.00	5.74
130.00	18.41	440.00	9.72	750.00	5.68
140.00	17.62	450.00	9.61	760.00	5.62
150.00	17.29	460.00	9.36	770.00	5.54
160.00	16.99	470.00	9.19	780.00	5.51
170.00	16.59	480.00	9.09	790.00	5.46
180.00	16.11	490.00	8.96	800.00	5.41
190.00	15.73	500.00	8.74	810.00	5.38
200.00	15.43	510.00	8.66	820.00	5.35
210.00	15.16	520.00	8.49	830.00	5.34
220.00	14.86	530.00	8.43	840.00	5.35
230.00	14.56	540.00	8.20	850.00	5.34
240.00	14.14	550.00	8.11	860.00	5.33
250.00	13.75	560.00	7.91	870.00	5.29
260.00	13.57	570.00	7.50	880.00	5.25
270.00	13.16	580.00	7.36		
280.00	12.96	590.00	7.19		
290.00	12.71	600.00	7.11		
300.00	12.40	610.00	6.98		

Cruise: GULFCET 04 **Station:** 12-121 **Probe Type:** T-7
Latitude: 28° 47.00' N **Longitude:** 88° 50.00' W **Date:** 14-Feb-1993 **Time:** 0236

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.06	310.00	12.00	620.00	6.72
10.00	22.36	320.00	11.76	630.00	6.67
20.00	22.41	330.00	11.54	640.00	6.54
30.00	22.45	340.00	11.42	650.00	6.45
40.00	22.39	350.00	11.18	660.00	6.37
50.00	22.33	360.00	10.87	670.00	6.34
60.00	22.17	370.00	10.58	680.00	6.26
70.00	22.10	380.00	10.37	690.00	6.18
80.00	21.64	390.00	10.24	700.00	6.04
90.00	20.34	400.00	10.02	710.00	6.09
100.00	19.76	410.00	9.88		
110.00	19.27	420.00	9.65		
120.00	18.56	430.00	9.48		
130.00	17.95	440.00	9.33		
140.00	17.54	450.00	9.16		
150.00	17.19	460.00	8.83		
160.00	16.77	470.00	8.65		
170.00	16.19	480.00	8.59		
180.00	16.01	490.00	8.46		
190.00	15.42	500.00	8.30		
200.00	15.16	510.00	8.18		
210.00	14.78	520.00	8.04		
220.00	14.48	530.00	7.86		
230.00	14.16	540.00	7.71		
240.00	13.89	550.00	7.65		
250.00	13.57	560.00	7.54		
260.00	13.34	570.00	7.39		
270.00	13.06	580.00	7.24		
280.00	12.81	590.00	7.01		
290.00	12.60	600.00	6.89		
300.00	12.21	610.00	6.77		

Cruise: GULFCET 04 **Station:** 12-122 **Probe Type:** T-7
Latitude: 28° 53.00' N **Longitude:** 88° 50.00' W **Date:** 14-Feb-1993 **Time:** 0141

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	19.47	310.00	10.89
10.00	22.02	320.00	10.76
20.00	22.46	330.00	10.71
30.00	22.39	340.00	10.56
40.00	22.21	350.00	10.44
50.00	22.13	360.00	10.34
60.00	22.12	370.00	9.99
70.00	22.00	380.00	9.90
80.00	20.58	390.00	9.64
90.00	19.58	400.00	9.49
100.00	18.93	410.00	9.24
110.00	18.23		
120.00	17.69		
130.00	17.16		
140.00	16.84		
150.00	16.30		
160.00	15.97		
170.00	15.33		
180.00	15.09		
190.00	14.78		
200.00	14.45		
210.00	13.88		
220.00	13.46		
230.00	13.07		
240.00	12.75		
250.00	12.53		
260.00	12.27		
270.00	11.85		
280.00	11.51		
290.00	11.39		
300.00	11.21		

Cruise: GULFCET 04 **Station:** 12-124 **Probe Type:** T-10
Latitude: 29° 00.10' N **Longitude:** 88° 50.00' W **Date:** 14-Feb-1993 **Time:** 0037

Depth (m)	Temp. (°C)
0.00	18.57
10.00	21.82
20.00	22.18
30.00	22.16
40.00	22.12
50.00	22.05
60.00	21.81
70.00	20.46
80.00	19.31
90.00	19.07
100.00	18.57
110.00	17.55
120.00	17.01
130.00	16.40
140.00	16.20
150.00	15.63
160.00	15.06
170.00	14.58
180.00	14.48

Cruise: GULFCET 04 **Station:** 13-127 **Probe Type:** T-10
Latitude: 29° 12.90' N **Longitude:** 88° 10.00' W **Date:** 13-Feb-1993 **Time:** 1755

Depth (m)	Temp. (°C)
0.00	18.60
10.00	18.62
20.00	20.21
30.00	20.38
40.00	18.84
50.00	19.65
60.00	19.81
70.00	19.93
80.00	19.68
90.00	19.20
100.00	18.63
110.00	18.02
120.00	17.66
130.00	17.29
140.00	17.15
150.00	16.94
160.00	16.65
170.00	15.63
180.00	15.22
190.00	14.82
200.00	14.62

Cruise: GULFCET 04 **Station:** 13-128 **Probe Type:** T-7
Latitude: 29° 10.40' N **Longitude:** 88° 10.00' W **Date:** 13-Feb-1993 **Time:** 1731

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	18.18	310.00	11.05
10.00	18.37	320.00	10.67
20.00	21.29	330.00	10.44
30.00	21.78	340.00	10.34
40.00	19.88	350.00	9.95
50.00	19.67		
60.00	19.85		
70.00	19.75		
80.00	19.85		
90.00	19.46		
100.00	19.22		
110.00	18.60		
120.00	18.12		
130.00	17.50		
140.00	17.10		
150.00	16.53		
160.00	15.76		
170.00	15.14		
180.00	14.80		
190.00	14.24		
200.00	13.95		
210.00	13.85		
220.00	13.53		
230.00	13.11		
240.00	12.84		
250.00	12.68		
260.00	12.45		
270.00	12.22		
280.00	11.91		
290.00	11.65		
300.00	11.32		

Cruise: GULFCET 04 **Station:** 13-129 **Probe Type:** T-7
Latitude: 29° 08.40' N **Longitude:** 88° 10.00' W **Date:** 13-Feb-1993 **Time:** 1712

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	17.80	310.00	11.00
10.00	18.25	320.00	10.86
20.00	20.25	330.00	10.64
30.00	20.43	340.00	10.37
40.00	19.29	350.00	10.15
50.00	19.63	360.00	9.98
60.00	19.69	370.00	9.76
70.00	19.76	380.00	9.65
80.00	20.17	390.00	9.36
90.00	19.40	400.00	9.07
100.00	19.15	410.00	8.94
110.00	18.33	420.00	8.77
120.00	17.64	430.00	8.69
130.00	17.11	440.00	8.50
140.00	16.76	450.00	8.47
150.00	16.35	460.00	8.35
160.00	15.97	470.00	7.88
170.00	15.63		
180.00	15.09		
190.00	14.72		
200.00	14.33		
210.00	13.81		
220.00	13.56		
230.00	13.29		
240.00	12.88		
250.00	12.58		
260.00	12.41		
270.00	12.08		
280.00	11.65		
290.00	11.53		
300.00	11.27		

Cruise: GULFCET 04 **Station:** 13-130 **Probe Type:** T-7
Latitude: 29° 04.90' N **Longitude:** 88° 10.00' W **Date:** 13-Feb-1993 **Time:** 1640

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	17.37	310.00	11.21	620.00	6.64
10.00	17.91	320.00	11.14	630.00	6.54
20.00	20.57	330.00	10.84	640.00	6.42
30.00	20.13	340.00	10.64	650.00	6.31
40.00	19.87	350.00	10.40	660.00	6.27
50.00	19.06	360.00	10.26	670.00	6.25
60.00	19.69	370.00	10.11	680.00	6.24
70.00	19.74	380.00	9.94	690.00	6.22
80.00	19.63	390.00	9.72	700.00	6.19
90.00	19.32	400.00	9.49	710.00	6.13
100.00	18.78	410.00	9.27	720.00	6.08
110.00	18.48	420.00	9.12	730.00	6.06
120.00	17.79	430.00	8.99	740.00	6.03
130.00	17.42	440.00	8.77	750.00	6.01
140.00	16.90	450.00	8.70		
150.00	16.62	460.00	8.51		
160.00	16.35	470.00	8.38		
170.00	15.88	480.00	8.15		
180.00	15.43	490.00	7.99		
190.00	15.07	500.00	7.94		
200.00	14.71	510.00	7.70		
210.00	14.14	520.00	7.51		
220.00	13.85	530.00	7.36		
230.00	13.59	540.00	7.30		
240.00	13.25	550.00	7.16		
250.00	12.94	560.00	7.05		
260.00	12.67	570.00	7.02		
270.00	12.35	580.00	6.99		
280.00	11.97	590.00	6.90		
290.00	11.68	600.00	6.83		
300.00	11.40	610.00	6.75		

Cruise: GULFCET 04 **Station:** 13-132 **Probe Type:** T-20
Latitude: 28° 49.00' N **Longitude:** 88° 10.00' W **Date:** 13-Feb-1993 **Time:** 1402

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	17.94	310.00	12.08
10.00	19.63	320.00	11.83
20.00	21.91	330.00	11.63
30.00	22.01	340.00	11.38
40.00	22.10	350.00	11.26
50.00	22.01	360.00	11.04
60.00	22.01	370.00	10.76
70.00	22.00	380.00	10.58
80.00	22.00	390.00	10.37
90.00	21.92	400.00	10.16
100.00	20.69	410.00	9.99
110.00	20.03	420.00	9.81
120.00	19.27	430.00	9.56
130.00	18.56	440.00	9.43
140.00	18.10	450.00	9.42
150.00	17.35	460.00	9.21
160.00	17.00	470.00	9.08
170.00	16.58	480.00	8.87
180.00	16.29	490.00	8.74
190.00	15.85	500.00	8.60
200.00	15.47		
210.00	15.04		
220.00	14.60		
230.00	14.28		
240.00	13.96		
250.00	13.69		
260.00	13.35		
270.00	13.19		
280.00	13.00		
290.00	12.74		
300.00	12.46		

Cruise: GULFCET 04 **Station:** 14-137 **Probe Type:** T-20
Latitude: 29° 04.00' N **Longitude:** 87° 29.90' W **Date:** 12-Feb-1993 **Time:** 2020

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.32	310.00	11.64	620.00	6.53	930.00	5.12
10.00	20.35	320.00	11.46	630.00	6.44	940.00	5.09
20.00	20.34	330.00	11.23	640.00	6.35	950.00	5.06
30.00	20.29	340.00	10.99	650.00	6.30	960.00	5.03
40.00	20.13	350.00	10.88	660.00	6.22	970.00	4.98
50.00	20.12	360.00	10.70	670.00	6.16	980.00	4.97
60.00	20.12	370.00	10.55	680.00	6.10	990.00	4.95
70.00	20.07	380.00	10.27	690.00	6.04		
80.00	19.92	390.00	10.05	700.00	5.99		
90.00	19.89	400.00	9.86	710.00	5.96		
100.00	19.68	410.00	9.65	720.00	5.90		
110.00	19.04	420.00	9.50	730.00	5.83		
120.00	18.18	430.00	9.44	740.00	5.78		
130.00	17.69	440.00	9.30	750.00	5.75		
140.00	17.18	450.00	9.00	760.00	5.69		
150.00	16.77	460.00	8.89	770.00	5.66		
160.00	16.14	470.00	8.76	780.00	5.61		
170.00	15.78	480.00	8.60	790.00	5.58		
180.00	15.42	490.00	8.38	800.00	5.54		
190.00	15.11	500.00	8.18	810.00	5.50		
200.00	14.73	510.00	8.02	820.00	5.47		
210.00	14.56	520.00	7.82	830.00	5.42		
220.00	14.24	530.00	7.61	840.00	5.38		
230.00	13.89	540.00	7.47	850.00	5.36		
240.00	13.59	550.00	7.37	860.00	5.32		
250.00	13.33	560.00	7.21	870.00	5.31		
260.00	13.04	570.00	7.03	880.00	5.27		
270.00	12.66	580.00	6.94	890.00	5.23		
280.00	12.39	590.00	6.86	900.00	5.20		
290.00	12.18	600.00	6.71	910.00	5.18		
300.00	11.95	610.00	6.61	920.00	5.15		

Cruise: GULFCET 04 **Station:** 14-138 **Probe Type:** T-20
Latitude: 29° 15.00' N **Longitude:** 87° 30.00' W **Date:** 12-Feb-1993 **Time:** 1834

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.12	310.00	12.17	620.00	6.96	930.00	5.46
10.00	20.18	320.00	11.76	630.00	6.78	940.00	5.45
20.00	20.18	330.00	11.48	640.00	6.65		
30.00	20.18	340.00	11.19	650.00	6.63		
40.00	20.18	350.00	10.88	660.00	6.61		
50.00	20.16	360.00	10.69	670.00	6.58		
60.00	20.15	370.00	10.55	680.00	6.52		
70.00	20.02	380.00	10.40	690.00	6.40		
80.00	19.93	390.00	10.15	700.00	6.29		
90.00	19.79	400.00	9.95	710.00	6.22		
100.00	19.63	410.00	9.84	720.00	6.12		
110.00	19.37	420.00	9.64	730.00	6.08		
120.00	18.56	430.00	9.57	740.00	6.04		
130.00	17.79	440.00	9.44	750.00	6.00		
140.00	17.43	450.00	9.31	760.00	5.98		
150.00	16.50	460.00	9.17	770.00	5.93		
160.00	16.39	470.00	8.89	780.00	5.91		
170.00	16.31	480.00	8.73	790.00	5.84		
180.00	16.11	490.00	8.51	800.00	5.77		
190.00	15.65	500.00	8.32	810.00	5.67		
200.00	15.32	510.00	8.27	820.00	5.64		
210.00	15.00	520.00	8.14	830.00	5.64		
220.00	14.75	530.00	8.09	840.00	5.62		
230.00	14.46	540.00	7.93	850.00	5.62		
240.00	14.12	550.00	7.77	860.00	5.58		
250.00	13.82	560.00	7.61	870.00	5.58		
260.00	13.55	570.00	7.50	880.00	5.51		
270.00	13.20	580.00	7.42	890.00	5.48		
280.00	12.89	590.00	7.26	900.00	5.47		
290.00	12.64	600.00	7.14	910.00	5.46		
300.00	12.41	610.00	7.01	920.00	5.46		

Cruise: GULFCET 04 **Station:** 14-139 **Probe Type:** T-7
Latitude: 29° 16.90' N **Longitude:** 87° 29.90' W **Date:** 12-Feb-1993 **Time:** 1815

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.03	310.00	11.40	620.00	6.67
10.00	20.20	320.00	11.14	630.00	6.60
20.00	20.20	330.00	10.98	640.00	6.56
30.00	20.19	340.00	10.67	650.00	6.53
40.00	20.16	350.00	10.47	660.00	6.49
50.00	20.08	360.00	10.31	670.00	6.45
60.00	20.03	370.00	10.14	680.00	6.35
70.00	19.93	380.00	10.08	690.00	6.22
80.00	19.78	390.00	9.77	700.00	6.17
90.00	19.65	400.00	9.74	710.00	6.12
100.00	19.71	410.00	9.63	720.00	6.06
110.00	19.14	420.00	9.48	730.00	5.95
120.00	18.56	430.00	9.35	740.00	5.94
130.00	17.83	440.00	9.00	750.00	5.94
140.00	17.10	450.00	8.91	760.00	5.91
150.00	16.67	460.00	8.62	770.00	5.89
160.00	16.25	470.00	8.41	780.00	5.76
170.00	15.88	480.00	8.27		
180.00	15.49	490.00	8.20		
190.00	15.25	500.00	8.07		
200.00	14.78	510.00	7.97		
210.00	14.39	520.00	7.85		
220.00	14.15	530.00	7.71		
230.00	13.98	540.00	7.50		
240.00	13.54	550.00	7.38		
250.00	13.21	560.00	7.32		
260.00	12.90	570.00	7.28		
270.00	12.55	580.00	7.18		
280.00	12.32	590.00	7.07		
290.00	12.04	600.00	6.95		
300.00	11.69	610.00	6.81		

Cruise: GULFCET 04 **Station:** 14-140 **Probe Type:** T-7
Latitude: 29° 20.00' N **Longitude:** 87° 29.90' W **Date:** 12-Feb-1993 **Time:** 1745

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.17	310.00	11.38
10.00	20.26	320.00	11.24
20.00	20.26	330.00	10.80
30.00	20.22	340.00	10.59
40.00	20.19	350.00	10.34
50.00	19.98	360.00	10.26
60.00	19.92	370.00	10.00
70.00	19.83	380.00	9.81
80.00	19.78	390.00	9.60
90.00	19.75	400.00	9.05
100.00	19.68	410.00	8.87
110.00	19.41		
120.00	18.35		
130.00	18.11		
140.00	17.55		
150.00	16.72		
160.00	16.34		
170.00	15.90		
180.00	15.35		
190.00	14.82		
200.00	14.46		
210.00	14.14		
220.00	13.97		
230.00	13.54		
240.00	13.29		
250.00	12.92		
260.00	12.69		
270.00	12.45		
280.00	12.07		
290.00	11.74		
300.00	11.56		

Cruise: GULFCET 04 **Station:** 14-141 **Probe Type:** T-7
Latitude: 29° 21.00' N **Longitude:** 87° 29.00' W **Date:** 12-Feb-1993 **Time:** 1724

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.29	310.00	11.40
10.00	20.35	320.00	11.17
20.00	20.35	330.00	11.11
30.00	20.33	340.00	11.01
40.00	20.30	350.00	10.73
50.00	20.08	360.00	10.44
60.00	20.08	370.00	10.00
70.00	20.01		
80.00	19.76		
90.00	19.69		
100.00	19.77		
110.00	18.93		
120.00	18.42		
130.00	18.09		
140.00	17.79		
150.00	16.89		
160.00	16.16		
170.00	15.61		
180.00	15.25		
190.00	14.98		
200.00	14.55		
210.00	14.13		
220.00	13.97		
230.00	13.65		
240.00	13.32		
250.00	13.10		
260.00	12.74		
270.00	12.48		
280.00	12.20		
290.00	11.75		
300.00	11.59		

Cruise: GULFCET 04 **Station:** 14-142 **Probe Type:** T-10
Latitude: 29° 24.90' N **Longitude:** 87° 29.90' W **Date:** 12-Feb-1993 **Time:** 1650

Depth (m)	Temp. (°C)
0.00	20.20
10.00	20.38
20.00	20.40
30.00	20.38
40.00	20.38
50.00	20.31
60.00	20.17
70.00	20.11
80.00	20.07
90.00	20.02
100.00	20.09
110.00	19.69
120.00	18.95
130.00	18.19
140.00	17.52
150.00	16.82
160.00	16.23
170.00	15.74
180.00	15.65
190.00	15.58

Cruise: GULFCET 04 **Station:** 02-EX8 **Probe Type:** T-7
Latitude: 26° 33.90' N **Longitude:** 95° 34.60' W **Date:** 24-Feb-1993 **Time:** 0757

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	23.94	310.00	13.45	620.00	7.63
10.00	23.11	320.00	13.23	630.00	7.48
20.00	23.11	330.00	13.00	640.00	7.35
30.00	23.07	340.00	12.78	650.00	7.21
40.00	23.05	350.00	12.47	660.00	7.07
50.00	22.77	360.00	12.17	670.00	6.99
60.00	22.53	370.00	11.96	680.00	6.87
70.00	22.69	380.00	11.79	690.00	6.76
80.00	22.67	390.00	11.61	700.00	6.65
90.00	22.31	400.00	11.44	710.00	6.59
100.00	22.39	410.00	11.20	720.00	6.49
110.00	21.88	420.00	10.99	730.00	6.43
120.00	21.92	430.00	10.74	740.00	6.38
130.00	21.37	440.00	10.48	750.00	6.30
140.00	20.58	450.00	10.30	760.00	6.22
150.00	20.07	460.00	10.10	770.00	6.15
160.00	19.49	470.00	9.98	780.00	6.07
170.00	19.15	480.00	9.75	790.00	6.02
180.00	18.51	490.00	9.54	800.00	5.97
190.00	18.09	500.00	9.35	810.00	5.96
200.00	17.49	510.00	9.23	820.00	5.87
210.00	16.93	520.00	9.01		
220.00	16.61	530.00	8.81		
230.00	16.27	540.00	8.72		
240.00	15.90	550.00	8.61		
250.00	15.56	560.00	8.52		
260.00	15.30	570.00	8.27		
270.00	14.92	580.00	8.10		
280.00	14.55	590.00	8.02		
290.00	14.06	600.00	7.86		
300.00	13.71	610.00	7.74		

Cruise: GULFCET 04 **Station:** 04-EX7 **Probe Type:** T-7
Latitude: 27° 36.00' N **Longitude:** 94° 10.00' W **Date:** 22-Feb-1993 **Time:** 0002

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	21.47	310.00	10.18	620.00	6.29
10.00	21.43	320.00	10.01	630.00	6.23
20.00	21.38	330.00	9.92	640.00	6.14
30.00	21.10	340.00	9.77	650.00	6.08
40.00	21.01	350.00	9.72	660.00	6.02
50.00	20.80	360.00	9.62	670.00	5.97
60.00	20.75	370.00	9.42	680.00	5.90
70.00	20.67	380.00	9.28	690.00	5.82
80.00	20.62	390.00	9.16	700.00	5.75
90.00	19.97	400.00	9.02	710.00	5.68
100.00	19.71	410.00	8.76	720.00	5.62
110.00	18.90	420.00	8.67	730.00	5.58
120.00	17.15	430.00	8.61	740.00	5.54
130.00	15.97	440.00	8.47	750.00	5.52
140.00	15.25	450.00	8.36	760.00	5.49
150.00	14.80	460.00	8.22	770.00	5.46
160.00	14.24	470.00	8.06	780.00	5.43
170.00	13.81	480.00	7.93	790.00	5.41
180.00	13.41	490.00	7.69	800.00	5.38
190.00	13.14	500.00	7.44	810.00	5.35
200.00	12.91	510.00	7.33	820.00	5.31
210.00	12.72	520.00	7.29		
220.00	12.33	530.00	7.15		
230.00	12.14	540.00	7.10		
240.00	11.93	550.00	6.96		
250.00	11.58	560.00	6.86		
260.00	11.26	570.00	6.81		
270.00	11.03	580.00	6.68		
280.00	10.78	590.00	6.55		
290.00	10.48	600.00	6.45		
300.00	10.32	610.00	6.35		

Cruise: GULFCET 04 **Station:** NL-EX6 **Probe Type:** T-20
Latitude: 27° 07.13' N **Longitude:** 92° 00.60' W **Date:** 19-Feb-1993 **Time:** 2144

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	21.06	310.00	11.53	620.00	6.63	930.00	5.20
10.00	21.07	320.00	11.18	630.00	6.57	940.00	5.19
20.00	21.07	330.00	10.89	640.00	6.50	950.00	5.15
30.00	21.07	340.00	10.69	650.00	6.41	960.00	5.12
40.00	21.07	350.00	10.36	660.00	6.32	970.00	5.10
50.00	21.07	360.00	10.15	670.00	6.23	980.00	5.08
60.00	21.07	370.00	9.89	680.00	6.18	990.00	5.03
70.00	21.05	380.00	9.74	690.00	6.11		
80.00	19.93	390.00	9.60	700.00	6.07		
90.00	19.41	400.00	9.46	710.00	5.99		
100.00	18.65	410.00	9.30	720.00	5.90		
110.00	17.86	420.00	9.11	730.00	5.83		
120.00	17.34	430.00	8.94	740.00	5.78		
130.00	16.83	440.00	8.72	750.00	5.72		
140.00	16.39	450.00	8.56	760.00	5.67		
150.00	16.11	460.00	8.39	770.00	5.63		
160.00	15.82	470.00	8.29	780.00	5.59		
170.00	15.39	480.00	8.17	790.00	5.54		
180.00	14.97	490.00	8.03	800.00	5.48		
190.00	14.69	500.00	7.95	810.00	5.44		
200.00	14.44	510.00	7.86	820.00	5.42		
210.00	14.13	520.00	7.73	830.00	5.40		
220.00	13.70	530.00	7.58	840.00	5.38		
230.00	13.45	540.00	7.43	850.00	5.34		
240.00	13.22	550.00	7.31	860.00	5.32		
250.00	13.01	560.00	7.24	870.00	5.31		
260.00	12.79	570.00	7.17	880.00	5.29		
270.00	12.49	580.00	7.00	890.00	5.25		
280.00	12.27	590.00	6.92	900.00	5.25		
290.00	12.07	600.00	6.80	910.00	5.24		
300.00	11.75	610.00	6.73	920.00	5.21		

Cruise: GULFCET 04 **Station:** 06-EX5 **Probe Type:** T-7
Latitude: 27° 35.38' N **Longitude:** 92° 50.24' W **Date:** 19-Feb-1993 **Time:** 1704

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.80	310.00	11.04
10.00	20.74	320.00	10.96
20.00	20.73	330.00	10.61
30.00	20.73	340.00	10.39
40.00	20.74	350.00	10.33
50.00	20.74	360.00	10.00
60.00	20.74	370.00	9.98
70.00	20.74	380.00	9.74
80.00	19.96	390.00	9.60
90.00	19.23	400.00	9.44
100.00	18.68	410.00	9.30
110.00	18.14	420.00	9.16
120.00	17.55	430.00	9.04
130.00	16.89	440.00	8.89
140.00	16.51	450.00	8.73
150.00	16.12	460.00	8.63
160.00	15.64		
170.00	15.21		
180.00	14.81		
190.00	14.62		
200.00	14.39		
210.00	14.15		
220.00	13.66		
230.00	13.13		
240.00	12.80		
250.00	12.52		
260.00	12.31		
270.00	12.03		
280.00	11.75		
290.00	11.62		
300.00	11.31		

Cruise: GULFCET 04 **Station:** 07-EX3 **Probe Type:** T-7
Latitude: 27° 14.01' N **Longitude:** 92° 10.08' W **Date:** 18-Feb-1993 **Time:** 2352

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	20.87	310.00	11.19	620.00	6.51
10.00	20.86	320.00	10.95	630.00	6.41
20.00	20.88	330.00	10.64	640.00	6.34
30.00	20.89	340.00	10.39	650.00	6.29
40.00	20.89	350.00	10.10	660.00	6.15
50.00	20.88	360.00	9.90	670.00	6.08
60.00	20.89	370.00	9.78	680.00	6.01
70.00	20.89	380.00	9.58	690.00	5.93
80.00	20.82	390.00	9.37	700.00	5.91
90.00	19.75	400.00	9.23	710.00	5.90
100.00	18.87	410.00	9.11	720.00	5.82
110.00	18.29	420.00	8.91	730.00	5.78
120.00	17.81	430.00	8.75	740.00	5.75
130.00	17.08	440.00	8.62	750.00	5.72
140.00	16.56	450.00	8.45	760.00	5.65
150.00	16.30	460.00	8.34	770.00	5.62
160.00	15.82	470.00	8.22	780.00	5.56
170.00	15.47	480.00	8.06	790.00	5.51
180.00	15.13	490.00	7.88	800.00	5.49
190.00	14.72	500.00	7.77	810.00	5.44
200.00	14.34	510.00	7.62		
210.00	13.79	520.00	7.42		
220.00	13.41	530.00	7.34		
230.00	13.15	540.00	7.28		
240.00	12.91	550.00	7.15		
250.00	12.59	560.00	7.06		
260.00	12.31	570.00	6.95		
270.00	12.16	580.00	6.85		
280.00	11.89	590.00	6.76		
290.00	11.72	600.00	6.70		
300.00	11.45	610.00	6.65		

Cruise: GULFCET 04 **Station:** 12-EX2 **Probe Type:** T-7
Latitude: 28° 02.23' N **Longitude:** 88° 50.69' W **Date:** 14-Feb-1993 **Time:** 1048

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	21.92	310.00	13.68	620.00	7.74
10.00	21.87	320.00	13.37	630.00	7.67
20.00	21.87	330.00	13.04	640.00	7.58
30.00	21.87	340.00	12.74	650.00	7.47
40.00	21.87	350.00	12.46	660.00	7.39
50.00	21.86	360.00	12.19	670.00	7.27
60.00	21.86	370.00	12.05	680.00	7.19
70.00	21.87	380.00	11.85	690.00	7.11
80.00	21.87	390.00	11.63	700.00	6.98
90.00	21.87	400.00	11.41	710.00	6.88
100.00	21.86	410.00	11.22	720.00	6.82
110.00	21.86	420.00	10.99	730.00	6.72
120.00	21.56	430.00	10.81	740.00	6.60
130.00	20.26	440.00	10.60	750.00	6.54
140.00	19.42	450.00	10.45	760.00	6.47
150.00	18.98	460.00	10.31	770.00	6.39
160.00	18.53	470.00	10.15	780.00	6.32
170.00	18.04	480.00	10.01	790.00	6.24
180.00	17.62	490.00	9.84	800.00	6.16
190.00	17.28	500.00	9.66	810.00	6.08
200.00	17.02	510.00	9.48	820.00	6.03
210.00	16.47	520.00	9.24		
220.00	16.18	530.00	9.06		
230.00	15.97	540.00	8.89		
240.00	15.75	550.00	8.77		
250.00	15.39	560.00	8.57		
260.00	15.07	570.00	8.41		
270.00	14.73	580.00	8.25		
280.00	14.48	590.00	8.13		
290.00	14.32	600.00	7.94		
300.00	13.96	610.00	7.80		

Cruise GULFCET 04 **Station:** 12-EX1 **Probe Type:** T-7
Latitude: 28° 42.52' N **Longitude:** 88° 50.02' W **Date:** 14-Feb-1993 **Time:** 0325

Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)	Depth (m)	Temp. (°C)
0.00	21.14	310.00	12.30	620.00	6.97
10.00	22.49	320.00	12.00	630.00	6.72
20.00	22.61	330.00	11.73	640.00	6.57
30.00	22.63	340.00	11.46	650.00	6.36
40.00	22.54	350.00	11.30	660.00	6.29
50.00	22.42	360.00	11.12	670.00	6.21
60.00	22.15	370.00	10.92	680.00	6.10
70.00	22.05	380.00	10.75	690.00	6.04
80.00	22.04	390.00	10.58	700.00	5.95
90.00	22.04	400.00	10.33	710.00	5.89
100.00	21.11	410.00	10.24	720.00	5.82
110.00	19.71	420.00	10.20	730.00	5.77
120.00	18.98	430.00	10.09	740.00	5.75
130.00	18.42	440.00	9.95	750.00	5.72
140.00	17.90	450.00	9.87	760.00	5.66
150.00	17.49	460.00	9.78	770.00	5.58
160.00	17.08	470.00	9.60	780.00	5.58
170.00	16.77	480.00	9.39	790.00	5.58
180.00	16.49	490.00	9.27	800.00	5.54
190.00	16.14	500.00	9.13	810.00	5.50
200.00	15.73	510.00	8.98	820.00	5.41
210.00	15.49	520.00	8.81		
220.00	15.12	530.00	8.68		
230.00	14.66	540.00	8.50		
240.00	14.30	550.00	8.25		
250.00	14.05	560.00	8.06		
260.00	13.67	570.00	7.78		
270.00	13.43	580.00	7.58		
280.00	13.11	590.00	7.53		
290.00	12.85	600.00	7.37		
300.00	12.60	610.00	7.11		

5.3 Conductivity/Temperature/Depth (CTD) Data

Cruise 4 CTD Positions

CTD station	Date	Start time	Latitude (north)	Longitude (west)	CTD station	Date	Start time	Latitude (north)	Longitude (west)
02-010	24 Feb 93	1452	26°00.02'	95°30.02'	07-075	18 Feb 93	1005	26°17.00'	92°10.13'
02-013	24 Feb 93	0400	26°46.00'	95°29.97'	08-076	18 Feb 93	0440	26°36.99'	91°29.99'
02-015	23 Feb 93	2018	27°26.02'	95°29.97'	08-080	17 Feb 93	1931	27°25.83'	91°30.11'
02-020	23 Feb 93	1627	27°47.00'	95°30.02'	08-086	17 Feb 93	1225	28°07.62'	91°30.11'
03-021	23 Feb 93	1046	27°56.07'	94°50.00'	09-087	17 Feb 93	0818	28°09.02'	90°50.26'
03-026	23 Feb 93	0550	27°26.00'	94°49.91'	09-093	16 Feb 93	2336	27°25.79'	90°50.04'
03-029	22 Feb 93	2137	26°45.89'	94°50.02'	09-096	16 Feb 93	1544	26°44.98'	90°50.02'
03-030	22 Feb 93	1500	26°16.96'	94°50.05'	10-097	16 Feb 93	0956	27°09.75'	90°09.99'
04-031	22 Feb 93	0914	26°16.70'	94°10.12'	10-100	16 Feb 93	0310	27°45.90'	90°09.97'
04-033	22 Feb 93	0325	26°45.98'	94°09.95'	10-105	15 Feb 93	1908	28°15.87'	90°10.01'
04-036	21 Feb 93	2008	27°25.91'	94°10.01'	11-106	15 Feb 93	1230	28°45.03'	89°29.99'
04-042	21 Feb 93	1510	27°53.95'	94°10.01'	11-112	15 Feb 93	0552	28°06.13'	89°30.08'
05-043	21 Feb 93	1042	27°53.95'	94°10.01'	11-115	14 Feb 93	2200	27°27.11'	89°30.16'
05-047	21 Feb 93	0427	27°26.01'	93°30.00'	12-116	14 Feb 93	1749	27°25.99'	88°50.10'
05-050	20 Feb 93	2035	26°46.04'	93°29.98'	12-117	14 Feb 93	1328	27°46.01'	88°49.99'
05-053	20 Feb 93	1340	26°10.04'	93°30.05'	12-119	14 Feb 93	0608	28°26.00'	88°50.00'
06-054	20 Feb 93	0852	26°13.97'	92°49.88'	12-125	13 Feb 93	2305	29°06.48'	88°49.85'
06-055	20 Feb 93	0245	26°45.88'	92°49.93'	13-126	13 Feb 93	1829	29°16.56'	88°10.06'
06-059	19 Feb 93	1921	27°26.01'	92°49.97'	13-133	13 Feb 93	1227	28°46.20'	88°09.85'
06-064	19 Feb 93	1210	28°02.00'	92°50.08'	13-134	13 Feb 93	0916	28°36.90'	88°10.00'
07-065	19 Feb 93	0809	28°02.08'	92°09.97'	14-135	13 Feb 93	0310	28°30.92'	87°29.94'
07-071	19 Feb 93	0140	27°26.00'	92°10.10'	14-136	12 Feb 93	2323	28°45.95'	87°29.92'
07-073	18 Feb 93	1600	26°45.99'	92°10.05'	14-143	12 Feb 93	1530	29°27.00'	87°30.00'

CTD Data

Cruise: GULFCET 04 **Station:** 02-010
Date: 24-Feb-93 **Time:** 1452 **Lat:** 26 00.02 **Long:** 95 30.02
Depth: 1600 m **Wind Dir:** 125.5 ° **Wind Speed:** 12.4 m/s **Wave Dir:**
Barometer: 29.54 in Hg **Air Temp Dry:** **Air Temp Wet:** **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	23.456	23.454	35.873	24.465	346.12	1531.71	5.007		10.07
20	23.455	23.451	35.871	24.463	346.64	1531.87	4.893		20.14
30	23.458	23.452	35.873	24.464	346.97	1532.05	4.951		30.20
50	23.529	23.518	36.076	24.598	335.05	1532.79	4.908		50.34
75	22.669	22.654	36.172	24.920	305.30	1531.14	4.790		75.52
100	21.602	21.582	36.306	25.324	267.75	1528.93	4.238		100.69
125	20.254	20.230	36.428	25.785	224.74	1525.86	3.473		125.88
150	19.371	19.343	36.464	26.046	200.72	1523.87	3.064		151.06
200	17.107	17.073	36.264	26.460	162.62	1517.93	3.020		201.44
250	14.908	14.870	35.947	26.724	138.52	1511.65	2.971		251.83
300	13.847	13.803	35.788	26.829	129.50	1508.89	2.926		302.23
400	11.714	11.662	35.461	27.003	114.46	1503.05	2.815		403.07
500	9.599	9.541	35.162	27.147	101.32	1496.88	2.852		503.96
600	7.870	7.808	34.973	27.273	89.49	1491.90	2.988		604.90
700	6.787	6.720	34.906	27.374	80.10	1489.33	3.292		705.89
800	6.010	5.937	34.894	27.468	71.50	1487.92	3.583		806.92
900	5.501	5.422	34.898	27.535	65.57	1487.57	3.926		908.01

Cruise: GULFCET 04 **Station:** 02-013
Date: 24-Feb-93 **Time:** 0400 **Lat:** 26 46.00 **Long:** 95 29.97
Depth: 1320 m **Wind Dir:** 123.8 ° **Wind Speed:** 10.0 m/s **Wave Dir:**
Barometer: 29.64 in Hg **Air Temp Dry:** 21.3 °C **Air Temp Wet:** 19.0 ° C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.746	22.744	36.120	24.858	308.68	1530.18	4.210		10.07
20	22.760	22.756	36.129	24.861	308.81	1530.40	4.066		20.14
30	22.766	22.760	36.134	24.863	308.97	1530.58	4.126		30.20
50	22.602	22.592	36.123	24.902	306.04	1530.49	4.015		50.34
75	22.712	22.697	36.179	24.913	305.95	1531.25	4.083		75.52
100	22.760	22.739	36.380	25.052	293.72	1532.02	3.839		100.69
125	21.689	21.664	36.430	25.393	262.10	1529.71	3.760		125.88
150	20.548	20.519	36.704	25.917	213.20	1527.39	3.387		151.06
200	18.305	18.270	36.664	26.472	161.86	1521.90	2.908		201.44
250	16.006	15.966	36.197	26.668	144.21	1515.36	2.770		251.83
300	14.330	14.285	35.960	26.860	126.85	1510.66	2.746		302.23
400	11.918	11.865	35.553	27.035	111.55	1503.86	2.662		403.07
500	10.014	9.954	35.250	27.145	101.94	1498.49	2.677		503.96
600	8.265	8.201	35.048	27.272	90.09	1493.48	2.781		604.90
700	7.136	7.067	34.958	27.367	81.32	1490.74	2.985		705.89
800	6.246	6.172	34.915	27.454	73.24	1488.89	3.346		806.92
900	5.666	5.586	34.912	27.525	66.80	1488.25	3.667		908.01

Cruise: GULFCET 04 **Station:** 02-015
Date: 23-Feb-93 **Time:** 2018 **Lat:** 27 26.02 **Long:** 95 29.97
Depth: 875 m **Wind Dir:** 119.8 ° **Wind Speed:** 7.6 m/s **Wave Dir:**
Barometer: 29.69 in Hg **Air Temp Dry:** 21.1 °C **Air Temp Wet:** 17.2 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.675	22.673	35.925	24.731	320.79	1529.79	4.752		10.07
20	22.679	22.675	35.924	24.729	321.39	1529.96	4.807		20.14
30	22.673	22.667	35.925	24.731	321.56	1530.12	4.898		30.20
50	22.775	22.765	36.148	24.871	308.98	1530.96	4.805		50.34
75	22.763	22.747	36.313	25.000	297.64	1531.53	4.728		75.52
100	22.721	22.700	36.411	25.086	290.46	1531.95	4.619		100.69
125	20.642	20.618	36.456	25.702	232.69	1526.94	3.619		125.88
150	19.051	19.024	36.530	26.179	188.00	1523.04	3.155		151.06
200	16.240	16.208	36.155	26.582	150.83	1515.19	2.904		201.44
250	14.512	14.474	35.894	26.769	134.06	1510.33	2.990		251.83
300	13.103	13.061	35.676	26.897	122.78	1506.32	2.886		302.23
400	10.402	10.354	35.271	27.094	104.89	1498.23	2.854		403.07
500	8.796	8.741	35.066	27.203	95.31	1493.82	2.944		503.96
600	7.374	7.314	34.941	27.320	84.49	1489.97	3.141		604.90
700	6.417	6.352	34.893	27.414	75.80	1487.86	3.513		705.89
800	5.554	5.484	34.899	27.529	64.99	1486.11	4.054		806.92

Cruise: GULFCET 04 **Station:** 02-020
Date: 23-Feb-93 **Time:** 1627 **Lat:** 27 47.00 **Long:** 95 30.02
Depth: 96 m **Wind Dir:** 102.0 ° **Wind Speed:** 5.9 m/s **Wave Dir:** 285 °
Barometer: 29.67 in Hg **Air Temp Dry:** 21.5 °C **Air Temp Wet:** 16.8 °C **Secchi Depth:** 16.0 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.668	22.666	36.063	24.837	310.68	1529.92	4.878		10.07
20	22.678	22.674	36.063	24.835	311.28	1530.11	4.840		20.14
30	22.505	22.499	36.018	24.850	310.24	1529.79	4.896		30.20
50	22.129	22.119	35.942	24.899	306.32	1529.07	4.884		50.34
75	20.987	20.972	35.853	25.149	283.38	1526.36	4.869		75.52

Cruise: GULFCET 04 **Station:** 03-021
Date: 23-Feb-93 **Time:** 1131 **Lat:** 27 56.07 **Long:** 94 50.00
Depth: 102 m **Wind Dir:** 92.5 ° **Wind Speed:** 4.7 m/s **Wave Dir:** 270 °
Barometer: 29.75 in Hg **Air Temp Dry:** 21.0 °C **Air Temp Wet:** 16.0 °C **Secchi Depth:** 15.0 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	21.091	21.090	35.827	25.101	285.58	1525.52	5.448		10.07
20	20.963	20.959	35.854	25.156	280.66	1525.38	5.457		20.14
30	20.859	20.853	35.866	25.193	277.48	1525.28	5.420		30.20
50	20.731	20.721	35.873	25.233	274.41	1525.28	5.537		50.34
75	20.131	20.117	35.980	25.476	252.21	1524.18	5.220		75.52

Cruise: GULFCET 04 **Station:** 03-026
Date: 23-Feb-93 **Time:** 0550 **Lat:** 27 26.00 **Long:** 94 49.91
Depth: 905 m **Wind Dir:** 69.5 ° **Wind Speed:** 7.8 m/s **Wave Dir:**
Barometer: 29.81 in Hg **Air Temp Dry:** 20.0 °C **Air Temp Wet:** 16.7 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.804	22.802	36.094	24.822	312.11	1530.30	4.737		10.07
20	22.804	22.800	36.095	24.823	312.44	1530.47	4.759		20.14
30	22.806	22.799	36.096	24.823	312.82	1530.64	4.764		30.20
50	22.714	22.704	36.372	25.059	291.13	1531.05	4.701		50.34
75	22.765	22.750	36.438	25.094	288.71	1531.67	4.646		75.52
100	22.746	22.725	36.442	25.103	288.90	1532.05	4.683		100.69
125	22.053	22.028	36.294	25.188	281.64	1530.52	4.522		125.88
150	20.243	20.215	36.665	25.969	208.19	1526.51	3.308		151.06
200	17.160	17.126	36.295	26.472	161.57	1518.12	3.084		201.44
250	15.062	15.023	35.972	26.708	140.01	1512.16	2.912		251.83
300	13.245	13.202	35.717	26.900	122.55	1506.84	2.930		302.23
400	11.011	10.961	35.364	27.058	108.75	1500.49	2.775		403.07
500	9.254	9.197	35.132	27.180	97.86	1495.59	2.820		503.96
600	7.943	7.880	34.983	27.270	89.89	1492.19	3.025		604.90
700	6.729	6.662	34.904	27.381	79.39	1489.10	3.289		705.89
800	5.786	5.714	34.894	27.497	68.41	1487.03	3.834		806.92

Cruise: GULFCET 04 **Station:** 03-029
Date: 22-Feb-93 **Time:** 2137 **Lat:** 26 45.89 **Long:** 94 50.02
Depth: 1420 m **Wind Dir:** 26.4 ° **Wind Speed:** 6.4 m/s **Wave Dir:**
Barometer: 29.64 in Hg **Air Temp Dry:** 21.2 °C **Air Temp Wet:** 19.8 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.713	22.711	36.147	24.888	305.80	1530.13	4.063		10.07
20	22.706	22.702	36.143	24.887	306.28	1530.27	3.630		20.14
30	22.714	22.708	36.140	24.883	307.10	1530.46	3.679		30.20
50	22.771	22.761	36.436	25.091	288.07	1531.26	5.162		50.34
75	22.754	22.739	36.443	25.101	288.09	1531.65	4.947		75.52
100	22.734	22.713	36.452	25.114	287.84	1532.03	4.869		100.69
125	22.655	22.629	36.448	25.133	286.94	1532.24	4.833		125.88
150	22.659	22.628	36.449	25.133	287.94	1532.68	4.765		151.06
200	20.368	20.330	36.716	25.974	209.54	1527.75	3.535		201.44
250	17.384	17.341	36.340	26.452	165.20	1519.68	3.368		251.83
300	15.834	15.786	36.098	26.632	149.09	1515.55	3.260		302.23
400	12.855	12.800	35.630	26.911	123.96	1507.11	3.036		403.07
500	10.644	10.582	35.307	27.080	108.68	1500.80	2.929		503.96
600	8.610	8.545	35.039	27.211	96.19	1494.77	2.921		604.90
700	7.253	7.184	34.921	27.322	85.75	1491.15	3.125		705.89
800	6.279	6.205	34.891	27.431	75.44	1488.99	3.545		806.92
900	5.762	5.681	34.894	27.499	69.43	1488.61	3.793		908.01

Cruise: GULFCET 04 **Station:** 03-030
Date: 22-Feb-93 **Time:** 1551 **Lat:** 26 16.96 **Long:** 94 50.05
Depth: 2000 m **Wind Dir:** 358 ° **Wind Speed:** 4.8 m/s **Wave Dir:** 345 °
Barometer: 29.51 in Hg **Air Temp Dry:** 23.0 °C **Air Temp Wet:** 21.0 °C **Secchi Depth:** 2.00 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.677	22.675	36.193	24.934	301.48	1530.08	5.032		10.07
20	22.585	22.581	36.202	24.966	298.74	1530.02	4.942		20.14
30	22.570	22.564	36.208	24.975	298.27	1530.16	4.973		30.20
50	22.674	22.664	36.344	25.049	292.02	1530.92	4.934		50.34
75	22.705	22.690	36.396	25.080	290.12	1531.47	4.812		75.52
100	22.709	22.689	36.397	25.079	291.11	1531.91	4.762		100.69
125	22.657	22.631	36.392	25.090	291.02	1532.19	4.852		125.88
150	22.680	22.649	36.404	25.093	291.72	1532.68	4.809		151.06
200	20.261	20.223	36.727	26.011	206.01	1527.47	3.513		201.44
250	17.455	17.412	36.348	26.441	166.24	1519.90	3.359		251.83
300	15.518	15.470	36.052	26.668	145.54	1514.52	3.119		302.23
400	12.538	12.483	35.591	26.944	120.61	1506.00	2.990		403.07
500	10.605	10.544	35.304	27.084	108.25	1500.66	2.889		503.96
600	8.651	8.586	35.055	27.217	95.73	1494.94	2.960		604.90
700	7.368	7.298	34.934	27.315	86.53	1491.61	3.221		705.89
800	6.527	6.451	34.897	27.403	78.52	1489.97	3.495		806.92
900	5.797	5.716	34.894	27.494	69.95	1488.75	3.842		908.01

Cruise: GULFCET 04 **Station:** 04-031
Date: 22-Feb-93 **Time:** 0932 **Lat:** 26 16.70 **Long:** 94 10.12
Depth: 2000 m **Wind Dir:** 63.8 ° **Wind Speed:** 2.5 m/s **Wave Dir:** 350 °
Barometer: 29.59 in Hg **Air Temp Dry:** 24.0 °C **Air Temp Wet:** 23.0 °C **Secchi Depth:** 2.00 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.719	22.716	36.119	24.866	307.93	1530.11	4.829		10.07
20	22.693	22.689	36.114	24.869	307.99	1530.21	4.822		20.14
30	22.650	22.644	36.106	24.875	307.80	1530.26	4.824		30.20
50	22.577	22.567	36.091	24.885	307.63	1530.39	4.871		50.34
75	22.456	22.441	36.066	24.901	307.10	1530.47	4.851		75.52
100	22.383	22.363	36.073	24.926	305.61	1530.71	4.786		100.69
125	21.931	21.906	36.180	25.136	286.58	1530.07	4.486		125.88
150	20.739	20.710	36.644	25.819	222.47	1527.84	3.503		151.06
200	17.569	17.535	36.355	26.418	166.74	1519.40	3.232		201.44
250	15.534	15.495	36.046	26.660	144.79	1513.73	3.026		251.83
300	13.941	13.897	35.800	26.819	130.57	1509.22	2.943		302.23
400	11.393	11.341	35.411	27.024	112.21	1501.88	2.921		403.07
500	9.454	9.396	35.150	27.161	99.85	1496.34	2.899		503.96
600	8.140	8.077	35.006	27.257	91.28	1492.96	3.000		604.90
700	6.847	6.780	34.910	27.370	80.64	1489.57	3.355		705.89
800	5.992	5.919	34.892	27.469	71.39	1487.85	3.795		806.92
900	5.390	5.312	34.903	27.552	63.72	1487.13	4.209		908.01

Cruise: GULFCET 04 **Station:** 04-033
Date: 22-Feb-93 **Time:** 0325 **Lat:** 26 45.98 **Long:** 94 09.90
Depth: 1350 m **Wind Dir:** 41.2 ° **Wind Speed:** 2.2 m/s **Wave Dir:**
Barometer: 29.47 in Hg **Air Temp Dry:** 22.6 °C **Air Temp Wet:** 20.5 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.726	22.723	36.111	24.857	308.78	1530.12	4.814		10.07
20	22.699	22.695	36.103	24.859	309.01	1530.21	4.879		20.14
30	22.700	22.694	36.102	24.858	309.45	1530.38	4.877		30.20
50	22.693	22.683	36.099	24.858	310.23	1530.70	4.788		50.34
75	22.745	22.729	36.183	24.907	306.56	1531.34	4.819		75.52
100	21.634	21.614	36.180	25.219	277.71	1528.87	4.349		100.69
125	20.039	20.015	36.493	25.892	214.49	1525.34	3.359		125.88
150	18.819	18.792	36.506	26.220	184.06	1522.36	3.202		151.06
200	16.083	16.051	36.136	26.604	148.73	1514.69	3.014		201.44
250	13.981	13.944	35.812	26.820	129.05	1508.52	3.000		251.83
300	12.653	12.612	35.604	26.931	119.24	1504.74	2.981		302.23
400	10.388	10.339	35.276	27.100	104.27	1498.19	2.908		403.07
500	8.903	8.847	35.080	27.197	95.98	1494.23	2.950		503.96
600	7.679	7.617	34.959	27.289	87.70	1491.16	3.117		604.90
700	6.484	6.419	34.897	27.408	76.50	1488.13	3.533		705.89
800	5.802	5.731	34.894	27.494	68.68	1487.10	3.916		806.92
900	5.264	5.187	34.909	27.572	61.65	1486.63	4.261		908.01

Cruise: GULFCET 04 **Station:** 04-036
Date: 21-Feb-93 **Time:** 2008 **Lat:** 27 25.91 **Long:** 94 10.01
Depth: 826 m **Wind Dir:** 266 ° **Wind Speed:** 2.3 m/s **Wave Dir:**
Barometer: 29.50 in Hg **Air Temp Dry:** 22.0 °C **Air Temp Wet:** 21.0 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	21.241	21.239	35.957	25.158	280.09	1526.07	5.130		10.07
20	21.088	21.084	35.952	25.196	276.89	1525.82	5.075		20.14
30	20.982	20.976	35.945	25.220	274.95	1525.70	5.141		30.20
50	20.434	20.425	36.050	25.449	253.91	1524.67	4.690		50.34
75	19.963	19.949	36.264	25.737	227.39	1524.03	3.985		75.52
100	18.027	18.009	36.378	26.322	172.54	1519.09	3.077		100.69
125	17.016	16.995	36.283	26.497	156.69	1516.43	3.132		125.88
150	16.075	16.051	36.136	26.606	146.96	1513.83	3.085		151.06
200	14.166	14.137	35.841	26.802	129.33	1508.32	2.938		201.44
250	12.585	12.551	35.594	26.937	117.37	1503.67	2.913		251.83
300	11.562	11.523	35.439	27.014	110.84	1500.83	2.885		302.23
400	9.501	9.455	35.156	27.159	98.06	1494.85	2.889		403.07
500	8.087	8.034	34.996	27.258	89.40	1491.08	3.037		503.96
600	6.890	6.832	34.908	27.362	79.90	1488.06	3.348		604.90
700	6.076	6.012	34.896	27.461	70.93	1486.52	3.679		705.89
800	5.688	5.617	34.898	27.511	66.86	1486.65	3.899		806.92

Cruise: GULFCET 04 **Station:** 04-042
Date: 21-Feb-93 **Time:** 1510 **Lat:** 27 53.95 **Long:** 94 10.01
Depth: 95 m **Wind Dir:** 192.2 ° **Wind Speed:** 14.6 m/s **Wave Dir:** 195 °
Barometer: 29.44 in Hg **Air Temp Dry:** 22.5 °C **Air Temp Wet:** 21.0 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	20.814	20.812	35.924	25.250	271.36	1524.89	5.223	.192	10.07
20	20.650	20.646	35.938	25.305	266.53	1524.62	5.229	.224	20.14
30	20.491	20.485	35.963	25.366	261.02	1524.39	5.175	.289	30.20
50	20.423	20.413	35.972	25.392	259.31	1524.55	5.200	.359	50.34
75	20.179	20.165	36.029	25.501	249.85	1524.37	5.136	.180	75.52

Cruise: GULFCET 04 **Station:** 05-043
Date: 21-Feb-93 **Time:** 1043 **Lat:** 28 00.00 **Long:** 93 29.98
Depth: 93 m **Wind Dir:** 178.3 ° **Wind Speed:** 6.6 m/s **Wave Dir:** 0 °
Barometer: 29.53 in Hg **Air Temp Dry:** 22.2 °C **Air Temp Wet:** 21.2 °C **Secchi Depth:** 2.00 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	20.440	20.438	36.036	25.436	253.66	1523.99	5.320	.216	10.07
20	20.426	20.422	36.034	25.438	253.78	1524.12	5.293	.242	20.14
30	20.406	20.400	36.032	25.442	253.83	1524.23	5.274	.256	30.20
50	20.202	20.193	36.019	25.487	250.27	1524.00	5.299	.198	50.34
75	20.010	19.996	36.061	25.570	243.27	1523.93	5.274	.193	75.52

Cruise: GULFCET 04 **Station:** 05-050
Date: 20-Feb-93 **Time:** 2035 **Lat:** 26 46.04 **Long:** 93 29.98
Depth: 1470 m **Wind Dir:** 145 ° **Wind Speed:** 9.8 m/s **Wave Dir:**
Barometer: 29.55 in Hg **Air Temp Dry:** **Air Temp Wet:** **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	21.397	21.395	35.929	25.094	286.24	1526.45	5.015		10.07
20	21.365	21.362	35.935	25.107	285.36	1526.54	5.040		20.14
30	21.032	21.026	35.972	25.227	274.31	1525.86	5.058		30.20
50	20.925	20.916	35.975	25.258	272.02	1525.92	5.014		50.34
75	20.789	20.774	36.044	25.348	264.39	1526.04	4.999		75.52
100	20.243	20.224	36.228	25.635	237.99	1525.18	4.530		100.69
125	18.351	18.329	36.407	26.263	179.06	1520.49	2.915		125.88
150	16.958	16.933	36.272	26.502	157.00	1516.66	3.074		151.06
200	14.691	14.661	35.925	26.754	134.08	1510.10	3.010		201.44
250	13.144	13.109	35.682	26.893	121.78	1505.63	2.884		251.83
300	11.692	11.653	35.459	27.005	111.80	1501.30	2.794		302.23
400	9.884	9.837	35.200	27.129	101.22	1496.29	2.831		403.07
500	8.057	8.005	34.989	27.257	89.44	1490.96	2.974		503.96
600	6.893	6.835	34.907	27.361	79.98	1488.07	3.264		604.90
700	6.051	5.988	34.888	27.458	71.13	1486.41	3.671		705.89
800	5.553	5.483	34.898	27.528	65.03	1486.10	3.962		806.92
900	5.109	5.032	34.914	27.595	59.19	1486.00	4.250		908.01

Cruise: GULFCET 04 **Station:** 05-053
Date: 20-Feb-93 **Time:** 1340 **Lat:** 26 10.04 **Long:** 93 30.05
Depth: 2000 m **Wind Dir:** 176.4 ° **Wind Speed:** 18.1 m/s **Wave Dir:** 170 °
Barometer: 29.59 in Hg **Air Temp Dry:** 23.0 ° C **Air Temp Wet:** 20.0 ° C **Secchi Depth:** 2.00 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	21.395	21.393	36.113	25.234	272.85	1526.65	4.281		10.07
20	21.285	21.281	36.124	25.273	269.57	1526.54	4.338		20.14
30	21.251	21.246	36.135	25.290	268.26	1526.63	4.287		30.20
50	21.201	21.192	36.112	25.287	269.31	1526.81	5.106		50.34
75	21.201	21.186	36.112	25.287	270.26	1527.22	5.092		75.52
100	19.683	19.665	36.433	25.941	208.96	1523.87	3.481		100.69
125	18.008	17.986	36.373	26.323	173.28	1519.45	2.992		125.88
150	16.170	16.145	36.166	26.607	146.90	1514.15	3.029		151.06
200	14.219	14.189	35.862	26.808	128.84	1508.52	2.922		201.44
250	12.404	12.370	35.574	26.957	115.38	1503.03	2.876		251.83
300	11.361	11.322	35.411	27.030	109.27	1500.10	2.795		302.23
400	9.372	9.327	35.144	27.171	96.88	1494.37	2.807		403.07
500	7.576	7.526	34.956	27.302	84.69	1489.10	3.896		705.89
800	5.207	5.139	34.908	27.579	59.72	1484.72	4.198		806.92
900	4.888	4.813	34.923	27.627	55.70	1485.12	4.426		908.01

Cruise: GULFCET 04 **Station:** 06-054
Date: 20-Feb-93 **Time:** 0852 **Lat:** 26 13.97 **Long:** 92 49.98
Depth: 2000 m **Wind Dir:** 164.4 ° **Wind Speed:** 8.3 m/s **Wave Dir:** 33 °
Barometer: 29.71 in Hg **Air Temp Dry:** 21.8 ° C **Air Temp Wet:** 19.2 ° C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	21.312	21.310	36.129	25.269	269.52	1526.45	5.128		10.07
20	21.313	21.309	36.129	25.269	269.94	1526.62	5.099		20.14
30	21.305	21.299	36.128	25.270	270.16	1526.77	5.135		30.20
50	21.286	21.276	36.133	25.280	270.01	1527.06	5.102		50.34
75	21.288	21.273	36.168	25.306	268.44	1527.52	5.023		75.52
100	19.985	19.966	36.425	25.855	217.13	1524.69	3.440		100.69
125	18.022	18.001	36.380	26.325	173.14	1519.50	3.030		125.88
150	16.562	16.537	36.207	26.546	152.73	1515.39	3.119		151.06
200	14.770	14.739	35.947	26.754	134.09	1510.38	3.076		201.44
250	13.163	13.128	35.682	26.889	122.15	1505.69	3.001		251.83
300	11.741	11.702	35.470	27.004	111.88	1501.48	2.928		302.23
400	9.652	9.605	35.178	27.150	99.00	1495.43	2.820		403.07
500	8.121	8.069	34.998	27.254	89.74	1491.22	2.948		503.96
600	6.939	6.881	34.914	27.360	80.14	1488.26	3.243		604.90
700	6.107	6.043	34.887	27.450	71.98	1486.63	3.631		705.89
800	5.545	5.475	34.897	27.529	64.98	1486.07	3.949		806.92
900	5.098	5.021	34.915	27.596	59.02	1485.96	4.241		908.01

Cruise: GULFCET 04 **Station:** 06-055
Date: 20-Feb-93 **Time:** 0245 **Lat:** 26 45.88 **Long:** 92 49.93
Depth: 1745 m **Wind Dir:** 170.1 ° **Wind Speed:** 7.9 m/s **Wave Dir:**
Barometer: 29.68 in Hg **Air Temp Dry:** 20.9 °C **Air Temp Wet:** 18.0 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	21.210	21.208	36.138	25.304	266.23	1526.19	4.921		10.07
20	21.213	21.209	36.137	25.303	266.70	1526.36	5.021		20.14
30	21.216	21.210	36.136	25.301	267.23	1526.54	4.956		30.20
50	21.211	21.201	36.134	25.302	267.95	1526.86	4.942		50.34
75	21.041	21.027	36.116	25.334	265.78	1526.80	4.932		75.52
100	19.205	19.187	36.438	26.069	196.70	1522.54	3.146		100.69
125	17.482	17.460	36.337	26.425	163.54	1517.87	3.004		125.88
150	16.434	16.410	36.189	26.562	151.16	1514.99	3.023		151.06
200	14.558	14.528	35.907	26.769	132.57	1509.66	2.963		201.44
250	12.790	12.755	35.614	26.912	119.83	1504.37	3.081		251.83
300	11.656	11.617	35.445	27.001	112.13	1501.16	2.981		302.23
400	9.497	9.452	35.134	27.142	99.62	1494.81	3.006		403.07
500	8.151	8.098	34.995	27.247	90.43	1491.32	2.965		503.96
600	6.915	6.857	34.906	27.357	80.37	1488.16	3.244		604.90
700	6.112	6.049	34.888	27.450	71.98	1486.65	3.624		705.89
800	5.513	5.443	34.898	27.533	64.53	1485.94	4.223		908.01
900	5.146	5.069	34.913	27.590	59.74	1486.15	4.223		908.01

Cruise: GULFCET 04 **Station:** 06-059
Date: 19-Feb-93 **Time:** 1921 **Lat:** 27 26.01 **Long:** 92 49.97
Depth: 1035 m **Wind Dir:** 153 ° **Wind Speed:** 6.7 m/s **Wave Dir:**
Barometer: 29.76 in Hg **Air Temp Dry:** 19.0 °C **Air Temp Wet:** 16.0 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	20.549	20.547	36.138	25.484	249.05	1524.41	5.059		10.07
20	20.553	20.550	36.138	25.483	249.52	1524.59	5.085		20.14
30	20.556	20.550	36.138	25.483	249.93	1524.76	5.115		30.20
50	20.557	20.547	36.138	25.483	250.70	1525.10	5.099		50.34
75	20.438	20.424	36.163	25.534	246.77	1525.23	4.941		75.52
100	18.572	18.554	36.463	26.250	179.41	1520.76	3.166		100.69
125	17.413	17.392	36.325	26.433	162.80	1517.65	3.099		125.88
150	16.048	16.024	36.133	26.610	146.60	1513.74	3.125		151.06
200	14.325	14.295	35.861	26.785	131.07	1508.86	3.117		201.44
250	12.779	12.744	35.614	26.914	119.64	1504.34	3.113		251.83
300	11.658	11.619	35.435	26.993	112.87	1501.16	3.085		302.23
400	9.707	9.661	35.170	27.135	100.48	1495.62	2.951		403.07
500	7.879	7.827	34.966	27.265	88.48	1490.26	3.114		503.96
600	7.054	6.995	34.905	27.337	82.44	1488.69	3.295		604.90
700	6.289	6.225	34.888	27.427	74.39	1487.35	3.580		705.89
800	5.784	5.713	34.893	27.496	68.48	1487.02	3.783		806.92
900	5.287	5.209	34.908	27.568	62.02	1486.72	4.112		908.01

Cruise: GULFCET 04 **Station:** 06-064
Date: 19-Feb-93 **Time:** 1210 **Lat:** 28 02.00 **Long:** 92 50.08
Depth: 99 m **Wind Dir:** 158 ° **Wind Speed:** 8.4 m/s **Wave Dir:** 140 °
Barometer: 30.08 in Hg **Air Temp Dry:** 19.0 °C **Air Temp Wet:** 14.5 °C **Secchi Depth:** 3.00 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	20.475	20.473	36.142	25.507	246.89	1524.21	5.183	.257	10.07
20	20.455	20.451	36.141	25.512	246.78	1524.32	5.165	.305	20.14
30	20.348	20.342	36.137	25.538	244.73	1524.19	5.166	.356	30.20
50	20.194	20.185	36.113	25.561	243.22	1524.08	5.186	.336	50.34
75	20.110	20.096	36.117	25.587	241.71	1524.27	5.217	.271	75.52

Cruise: GULFCET 04 **Station:** 07-065
Date: 19-Feb-93 **Time:** 0809 **Lat:** 28 02.08 **Long:** 92 09.30
Depth: 103 m **Wind Dir:** 98 ° **Wind Speed:** 4.8 m/s **Wave Dir:** 9.0 °
Barometer: 29.96 in Hg **Air Temp Dry:** 15.5 °C **Air Temp Wet:** 12.8 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	20.443	20.441	36.125	25.503	247.29	1524.10	5.105	.219	10.07
20	20.458	20.454	36.123	25.497	248.18	1524.31	5.103	.226	20.14
30	20.455	20.450	36.122	25.498	248.52	1524.47	5.124	.225	30.20
50	20.459	20.449	36.123	25.497	249.30	1524.82	5.053	.214	50.34
75	20.306	20.292	36.204	25.600	240.43	1524.91	4.626	.199	75.52
100	18.871	18.853	36.361	26.096	194.09	1521.50	2.965	.101	100.69

Cruise: GULFCET 04 **Station:** 07-071
Date: 19-Feb-93 **Time:** 0140 **Lat:** 27 26.00 **Long:** 92 10.10
Depth: 814 m **Wind Dir:** 74.6 ° **Wind Speed:** 2.2 m/s **Wave Dir:**
Barometer: 29.96 in Hg **Air Temp Dry:** 14.5 °C **Air Temp Wet:** 10.5 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	20.899	20.897	36.146	25.396	257.49	1525.36	4.807		10.07
20	20.914	20.910	36.145	25.391	258.33	1525.57	4.801		20.14
30	20.915	20.909	36.145	25.390	258.73	1525.74	4.789		30.20
50	20.916	20.906	36.145	25.390	259.47	1526.08	4.822		50.34
75	20.920	20.905	36.152	25.395	260.01	1526.52	4.779		75.52
100	19.272	19.254	36.501	26.100	193.81	1522.79	3.129		100.69
125	17.770	17.749	36.376	26.385	167.42	1518.76	2.987		125.88
150	16.694	16.669	36.221	26.526	154.65	1515.81	3.024		151.06
200	14.871	14.840	35.950	26.734	135.99	1510.70	3.060		201.44
250	13.327	13.292	35.701	26.870	124.03	1506.26	2.964		251.83
300	11.854	11.814	35.469	26.982	114.03	1501.87	2.990		302.23
400	9.680	9.634	35.152	27.125	101.37	1495.50	2.968		403.07
500	7.952	7.900	34.956	27.247	90.31	1490.53	3.075		503.96
600	6.689	6.632	34.884	27.371	78.78	1487.25	3.466		604.90
700	6.069	6.005	34.886	27.454	71.55	1486.48	3.675		705.89

Cruise: GULFCET 04 **Station:** 07-073
Date: 18-Feb-93 **Time:** 1600 **Lat:** 26 45.99 **Long:** 92 10.05
Depth: 1800 m **Wind Dir:** 25.4 ° **Wind Speed:** 9.5 m/s **Wave Dir:** 35.0 °
Barometer: 29.96 in Hg **Air Temp Dry:** 14.1 °C **Air Temp Wet:** 11.5 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	21.070	21.068	36.152	25.354	261.49	1525.83	4.930		10.07
20	21.075	21.072	36.152	25.352	262.02	1526.01	4.867		20.14
30	21.081	21.075	36.153	25.351	262.50	1526.19	4.883		30.20
50	21.092	21.082	36.152	25.347	263.59	1526.56	4.845		50.34
75	21.082	21.067	36.152	25.350	264.28	1526.95	4.854		75.52
100	19.511	19.492	36.557	26.081	195.64	1523.53	3.280		100.69
125	17.794	17.773	36.358	26.365	169.30	1518.81	2.983		125.88
150	16.150	16.125	36.143	26.593	148.14	1514.06	3.100		151.06
200	14.148	14.119	35.835	26.802	129.34	1508.26	3.036		201.44
250	12.705	12.670	35.607	26.923	118.74	1504.08	2.981		251.83
300	11.418	11.379	35.405	27.015	110.71	1500.29	2.929		302.23
400	9.591	9.545	35.165	27.151	98.91	1495.19	2.866		403.07
500	7.987	7.935	34.981	27.261	88.98	1490.69	2.962		503.96
600	6.900	6.842	34.902	27.355	80.49	1488.09	3.223		604.90
700	6.087	6.024	34.886	27.452	71.80	1486.55	3.607		705.89
800	5.559	5.489	34.897	27.527	65.18	1486.13	3.921		806.92
900	5.150	5.073	34.911	27.587	59.97	1486.17	4.160		908.01

Cruise: GULFCET 04 **Station:** 07-075
Date: 18-Feb-93 **Time:** 1005 **Lat:** 26 17.00 **Long:** 92 10.13
Depth: 2000 m **Wind Dir:** 16.8 ° **Wind Speed:** 8.9 m/s **Wave Dir:** 190 °
Barometer: 30.01 in Hg **Air Temp Dry:** 17.6 °C **Air Temp Wet:** 14.1 °C **Secchi Depth:** 2.00 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	21.340	21.338	36.153	25.280	268.54	1526.55	5.008		10.07
20	21.340	21.337	36.153	25.280	268.90	1526.72	5.049		20.14
30	21.343	21.337	36.153	25.279	269.34	1526.89	5.081		30.20
50	21.346	21.336	36.153	25.278	270.15	1527.24	4.985		50.34
75	21.349	21.334	36.154	25.278	271.10	1527.67	4.956		75.52
100	20.057	20.039	36.429	25.838	218.71	1524.90	3.467		100.69
125	18.579	18.556	36.418	26.215	183.68	1521.15	2.957		125.88
150	17.406	17.381	36.310	26.423	164.54	1518.03	2.953		151.06
200	15.179	15.148	35.993	26.699	139.45	1511.72	2.885		201.44
250	13.380	13.344	35.715	26.870	124.07	1506.45	2.976		251.83
300	11.998	11.958	35.500	26.978	114.47	1502.40	2.954		302.23
400	10.016	9.968	35.209	27.113	102.79	1496.78	2.852		403.07
500	8.200	8.147	34.998	27.242	91.01	1491.51	2.942		503.96
600	6.827	6.769	34.905	27.369	79.18	1487.81	3.302		604.90
700	6.052	5.988	34.888	27.458	71.13	1486.41	3.640		705.89
800	5.518	5.448	34.896	27.531	64.70	1485.96	3.946		806.92
900	5.103	5.027	34.914	27.595	59.16	1485.98	4.229		908.01

Cruise: GULFCET 04 **Station:** 08-076
Date: 18-Feb-93 **Time:** 0440 **Lat:** 26 36.99 **Long:** 91 29.99
Depth: 2000 m **Wind Dir:** 19.4 ° **Wind Speed:** 4.0 m/s **Wave Dir:**
Barometer: 29.91 in Hg **Air Temp Dry:** 18.4 °C **Air Temp Wet:** 15.0 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	20.823	20.821	36.036	25.333	263.47	1525.04	4.916		10.07
20	20.822	20.818	36.035	25.332	263.91	1525.20	4.861		20.14
30	20.808	20.802	36.029	25.331	264.37	1525.32	4.883		30.20
50	20.807	20.798	36.029	25.331	265.10	1525.66	4.909		50.34
75	20.805	20.791	36.030	25.333	265.85	1526.07	4.890		75.52
100	19.299	19.281	36.494	26.087	195.01	1522.86	3.193		100.69
125	18.088	18.066	36.397	26.322	173.45	1519.71	3.016		125.88
150	16.808	16.783	36.237	26.511	156.10	1516.17	3.056		151.06
200	14.667	14.636	35.912	26.750	134.46	1510.01	3.078		201.44
250	13.170	13.135	35.674	26.881	122.88	1505.71	3.036		251.83
300	11.630	11.591	35.436	26.999	112.31	1501.06	2.981		302.23
400	9.445	9.399	35.134	27.150	98.82	1494.62	2.915		403.07
500	7.973	7.921	34.966	27.252	89.86	1490.62	3.031		503.96
600	6.953	6.895	34.905	27.351	81.01	1488.30	3.215		604.90
700	6.130	6.066	34.885	27.445	72.43	1486.72	3.544		705.89
800	5.581	5.511	34.895	27.523	65.62	1486.21	3.856		806.92
900	5.168	5.092	34.910	27.585	60.26	1486.24	4.146		908.01

Cruise: GULFCET 04 **Station:** 08-080
Date: 17-Feb-93 **Time:** 1931 **Lat:** 27 25.83 **Long:** 91 30.11
Depth: 950 m **Wind Dir:** 24.5 ° **Wind Speed:** 7.7 m/s **Wave Dir:**
Barometer: 29.91 in Hg **Air Temp Dry:** 18.0 °C **Air Temp Wet:** 15.0 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	20.622	20.620	35.544	25.012	293.96	1523.94	5.127		10.07
20	20.664	20.660	35.569	25.020	293.61	1524.25	5.104		20.14
30	20.765	20.760	35.953	25.285	268.74	1525.12	4.741		30.20
50	20.837	20.827	36.036	25.329	265.30	1525.74	4.622		50.34
75	19.512	19.499	35.817	25.515	248.47	1522.28	4.372		75.52
100	19.394	19.376	36.470	26.044	199.10	1523.10	3.502		100.69
125	18.148	18.126	36.404	26.312	174.37	1519.89	3.042		125.88
150	16.429	16.405	36.181	26.558	151.59	1514.96	3.097		151.06
200	14.318	14.288	35.858	26.783	131.19	1508.83	3.050		201.44
250	12.720	12.685	35.606	26.920	119.04	1504.13	2.978		251.83
300	11.342	11.304	35.393	27.019	110.23	1500.01	2.931		302.23
400	9.624	9.578	35.148	27.132	100.70	1495.29	2.975		403.07
500	7.961	7.909	34.957	27.246	90.37	1490.56	3.047		503.96
600	6.721	6.664	34.888	27.369	78.95	1487.38	3.348		604.90
700	5.919	5.857	34.886	27.473	69.49	1485.89	3.715		705.89
800	5.515	5.445	34.898	27.533	64.51	1485.95	3.918		806.92
900	5.127	5.050	34.912	27.591	59.57	1486.07	4.148		908.01

Cruise: GULFCET 04 **Station:** 08-086
Date: 17-Feb-93 **Time:** 1225 **Lat:** 28 07.62 **Long:** 91 30.11
Depth: 98 m **Wind Dir:** 31.3 ° **Wind Speed:** 7.2 m/s **Wave Dir:** 50.0 °
Barometer: 29.95 in Hg **Air Temp Dry:** 16.5 °C **Air Temp Wet:** 13.5 °C **Secchi Depth:** 4.00 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	20.253	20.251	35.466	25.051	290.24	1522.85	5.111	.155	10.07
20	20.366	20.362	35.676	25.181	278.25	1523.56	5.027	.227	20.14
30	20.370	20.364	35.686	25.188	277.94	1523.75	5.011	.300	30.20
50	20.453	20.444	35.865	25.302	267.84	1524.51	5.030	.365	50.34
75	20.547	20.533	36.088	25.447	255.01	1525.44	4.950	.291	75.52

Cruise: GULFCET 04 **Station:** 09-087
Date: 17-Feb-93 **Time:** 0818 **Lat:** 28 09.02 **Long:** 90 50.26
Depth: 109 m **Wind Dir:** 36.1 ° **Wind Speed:** 11.0 m/s **Wave Dir:** 18.0 °
Barometer: 30.50 in Hg **Air Temp Dry:** 13.0 °C **Air Temp Wet:** 11.0 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	19.192	19.190	32.379	22.972	488.49	1516.42	5.970	4.494	10.07
20	20.923	20.920	35.358	24.789	315.61	1524.72	5.197	1.813	20.14
30	20.674	20.669	35.617	25.054	290.75	1524.50	4.729	1.068	30.20
50	20.965	20.955	36.091	25.335	264.71	1526.15	4.638	.193	50.34
75	20.319	20.305	36.394	25.742	227.00	1525.16	3.719	.147	75.52

Cruise: GULFCET 04 **Station:** 09-096
Date: 16-Feb-93 **Time:** 1544 **Lat:** 26 44.98 **Long:** 90 50.02
Depth: 2000 m **Wind Dir:** 36.8 ° **Wind Speed:** 6.8 m/s **Wave Dir:** 90 °
Barometer: 29.69 in Hg **Air Temp Dry:** 20.5 °C **Air Temp Wet:** 19.9 °C **Secchi Depth:** 2.00 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	20.755	20.753	36.069	25.376	259.33	1524.89	5.030		10.07
20	20.746	20.742	36.069	25.379	259.47	1525.03	5.005		20.14
30	20.741	20.736	36.069	25.380	259.72	1525.19	5.016		30.20
50	20.697	20.687	36.070	25.392	259.28	1525.40	4.973		50.34
75	20.464	20.450	36.467	25.758	225.43	1525.63	3.544		75.52
100	18.956	18.938	36.458	26.149	189.11	1521.85	3.155		100.69
125	17.352	17.331	36.317	26.442	161.96	1517.46	3.058		125.88
150	16.171	16.147	36.145	26.590	148.46	1514.13	3.125		151.06
200	14.270	14.240	35.852	26.789	130.62	1508.67	3.046		201.44
250	12.401	12.367	35.552	26.941	116.95	1502.99	2.987		251.83
300	11.401	11.362	35.403	27.016	110.57	1500.23	2.990		302.23
400	9.177	9.132	35.091	27.161	97.62	1493.59	2.978		403.07
500	7.805	7.753	34.951	27.265	88.42	1489.96	3.072		503.96
600	6.625	6.568	34.883	27.379	77.96	1487.00	3.390		604.90
700	5.860	5.798	34.888	27.482	68.56	1485.65	3.804		705.89
800	5.364	5.295	34.903	27.555	62.18	1485.35	4.046		806.92
900	5.025	4.949	34.917	27.607	57.93	1485.67	4.307		908.01

Cruise: GULFCET 04 **Station:** 10-097
Date: 16-Feb-93 **Time:** 0956 **Lat:** 27 09.75 **Long:** 90 09.99
Depth: 2000 m **Wind Dir:** 250 ° **Wind Speed:** 1.2 m/s **Wave Dir:** 270 °
Barometer: 29.72 in Hg **Air Temp Dry:** 22.0 °C **Air Temp Wet:** 21.0 °C **Secchi Depth:** 2.00 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.069	22.067	36.323	25.206	275.59	1528.65	4.831		10.07
20	22.028	22.024	36.319	25.214	275.17	1528.71	4.816		20.14
30	21.550	21.544	36.258	25.301	267.24	1527.56	4.910		30.20
50	21.313	21.303	36.232	25.348	263.55	1527.24	4.878		50.34
75	19.067	19.054	36.477	26.135	189.56	1521.77	3.292		75.52
100	17.980	17.962	36.434	26.377	167.34	1519.02	3.572		100.69
125	15.979	15.959	36.131	26.624	144.42	1513.11	3.430		125.88
150	15.077	15.054	35.980	26.711	136.72	1510.55	3.407		151.06
200	13.376	13.347	35.707	26.864	123.19	1505.59	3.256		201.44
250	12.086	12.053	35.513	26.972	113.88	1501.88	2.933		251.83
300	10.846	10.809	35.312	27.047	107.31	1498.19	3.015		302.23
400	9.080	9.035	35.100	27.184	95.39	1493.24	2.835		403.07
500	7.707	7.656	34.943	27.273	87.55	1489.58	3.076		503.96
600	6.616	6.560	34.884	27.380	77.83	1486.96	3.352		604.90
700	5.909	5.846	34.886	27.475	69.36	1485.84	3.650		705.89
800	5.466	5.397	34.898	27.539	63.86	1485.76	3.944		806.92
900	5.032	4.956	34.917	27.606	57.97	1485.70	4.213		908.01

Cruise: GULFCET 04 **Station:** 10-100
Date: 16-Feb-93 **Time:** 0310 **Lat:** 27 45.90 **Long:** 90 09.97
Depth: 800 m **Wind Dir:** 168 ° **Wind Speed:** 10.0 m/s **Wave Dir:**
Barometer: 29.51 in Hg **Air Temp Dry:** 22.0 °C **Air Temp Wet:** 21.9 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	20.836	20.834					5.122		10.07
20	20.827	20.824					5.279		20.14
30	20.793	20.787					4.322		30.20
50	20.784	20.774	36.114	25.403	258.28	1525.69	4.886		50.34
75	20.370	20.356	36.336	25.684	232.47	1525.23	4.767		75.52
100	18.215	18.197	36.411	26.300	174.63	1519.68	4.233		100.69
125	16.439	16.418	36.181	26.556	150.99	1514.57	3.420		125.88
150	14.461	14.438	35.874	26.765	131.50	1508.47	3.384		151.06
200	11.638	11.612	35.445	27.004	109.34	1499.44	3.266		201.44
250	9.757	9.728	35.171	27.127	98.06	1493.30	3.134		251.83
300	9.070	9.037	35.081	27.171	94.60	1491.52	3.149		302.23
400	7.710	7.670	34.943	27.273	85.89	1487.93	3.295		403.07
500	6.833	6.785	34.891	27.356	78.83	1486.15	3.472		503.96
600	6.254	6.199	34.883	27.428	72.86	1485.54	3.680		604.90

Cruise: GULFCET 04 **Station:** 10-105
Date: 15-Feb-93 **Time:** 1908 **Lat:** 28 15.87 **Long:** 90 10.01
Depth: 94 m **Wind Dir:** **Wind Speed:** **Wave Dir:**
Barometer: **Air Temp Dry:** 22.5 °C **Air Temp Wet:** 20.9 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.386	22.384	36.294	25.094	286.26	1529.45	4.754	.188	10.07
20	22.386	22.382	36.294	25.094	286.60	1529.62	4.774	.209	20.14
30	22.389	22.383	36.294	25.093	287.07	1529.79	4.711	.202	30.20
50	22.322	22.312	36.300	25.117	285.58	1529.96	4.736	.233	50.34
75	19.689	19.675	36.492	25.984	203.92	1523.53	3.271	.172	75.52

Cruise: GULFCET 04 **Station:** 11-106
Date: 15-Feb-93 **Time:** 1230 **Lat:** 28 45.03 **Long:** 89 29.99
Depth: 95 m **Wind Dir:** 150 ° **Wind Speed:** 30.6 m/s **Wave Dir:** 32.0 °
Barometer: 29.69 in Hg **Air Temp Dry:** 22.0 °C **Air Temp Wet:** 18.0 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	17.888	17.886	29.040	20.741	702.11	1508.85	6.754	4.020	10.07
20	21.407	21.403	35.665	24.890	306.02	1526.36	5.038	.465	20.14
30	21.527	21.521	35.940	25.066	289.64	1527.15	4.832	.225	30.20
50	21.850	21.840	36.227	25.194	278.19	1528.65	4.850	.171	50.34
75	21.166	21.151	36.304	25.443	255.47	1527.35	4.284	.100	75.52

Cruise: GULFCET 04 **Station:** 11-112
Date: 15-Feb-93 **Time:** 0552 **Lat:** 28 06.13 **Long:** 89 30.08
Depth: 1075 m **Wind Dir:** 147.8 ° **Wind Speed:** 13.0 m/s **Wave Dir:**
Barometer: 29.70 in Hg **Air Temp Dry:** 21.3 °C **Air Temp Wet:** 18.20 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.199	22.197	36.277	25.134	282.39	1528.94	4.841		10.07
20	22.205	22.201	36.278	25.132	282.94	1529.13	4.843		20.14
30	22.208	22.202	36.277	25.131	283.45	1529.30	4.804		30.20
50	22.059	22.049	36.327	25.211	276.60	1529.31	4.828		50.34
75	22.024	22.009	36.327	25.221	276.58	1529.64	4.763		75.52
100	20.704	20.685	36.576	25.776	224.70	1526.83	3.506		100.69
125	18.921	18.898	36.538	26.219	183.35	1522.26	3.193		125.88
150	17.818	17.792	36.397	26.389	167.88	1519.35	3.231		151.06
200	15.798	15.766	36.091	26.634	145.76	1513.76	3.276		201.44
250	14.122	14.085	35.826	26.801	130.91	1509.00	3.177		251.83
300	12.860	12.819	35.619	26.902	122.17	1505.45	3.252		302.23
400	10.503	10.454	35.270	27.076	106.68	1498.59	2.936		403.07
500	8.742	8.687	35.039	27.191	96.38	1493.59	2.941		503.96
600	7.663	7.602	34.946	27.282	88.36	1491.08	2.935		604.90
700	6.522	6.456	34.884	27.393	77.93	1488.26	3.315		705.89
800	5.944	5.871	34.885	27.470	71.23	1487.65	3.610		806.92
900	5.500	5.421	34.898	27.535	65.59	1487.56	3.833		908.01

Cruise: GULFCET 04 **Station:** 11-115
Date: 14-Feb-93 **Time:** 2200 **Lat:** 27 27.11 **Long:** 89 30.16
Depth: 2000 m **Wind Dir:** 121.5 **Wind Speed:** 16.5 m/s **Wave Dir:**
Barometer: 29.81 in Hg **Air Temp Dry:** 20.8 °C **Air Temp Wet:** 17.0 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.366	22.364	36.202	25.029	292.35	1529.29	4.757		10.07
20	22.372	22.368	36.201	25.027	292.96	1529.48	4.703		20.14
30	22.348	22.342	36.206	25.037	292.40	1529.59	4.776		30.20
50	21.658	21.648	36.298	25.302	267.97	1528.22	4.580		50.34
75	19.617	19.603	36.549	26.046	198.00	1523.39	3.466		75.52
100	18.474	18.456	36.499	26.303	174.43	1520.52	3.541		100.69
125	17.020	16.999	36.288	26.499	156.42	1516.44	3.507		125.88
150	16.003	15.979	36.131	26.618	145.77	1513.60	3.257		151.06
200	14.245	14.215	35.851	26.794	130.18	1508.59	3.097		201.44
250	12.689	12.655	35.606	26.926	118.49	1504.03	3.034		251.83
300	11.451	11.413	35.402	27.006	111.57	1500.40	3.138		302.23
400	9.792	9.746	35.160	27.113	102.63	1495.91	2.984		403.07
500	8.397	8.343	35.018	27.228	92.54	1492.28	2.947		503.96
600	7.284	7.224	34.919	27.315	84.78	1489.60	3.070		604.90
700	6.343	6.278	34.882	27.415	75.63	1487.56	3.432		705.89
800	5.730	5.659	34.891	27.501	67.92	1486.81	3.742		806.92
900	5.254	5.177	34.908	27.573	61.56	1486.59	4.064		908.01

Cruise: GULFCET 04 **Station:** 12-116
Date: 14-Feb-93 **Time:** 1749 **Lat:** 27 25.99 **Long:** 88 50.10
Depth: 2000 m **Wind Dir:** 92.6 ° **Wind Speed:** 6.3 m/s **Wave Dir:**
Barometer: 29.80 in Hg **Air Temp Dry:** 20.0 °C **Air Temp Wet:** 16.0 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.411	22.409	36.248	25.051	290.28	1529.46	4.743		10.07
20	21.847	21.843	36.259	25.219	274.67	1528.17	4.846		20.14
30	21.719	21.713	36.254	25.251	272.01	1528.00	4.894		30.20
50	21.724	21.714	36.278	25.268	271.16	1528.38	4.804		50.34
75	20.973	20.959	36.094	25.336	265.63	1526.60	4.884		75.52
100	20.482	20.463	36.572	25.833	219.23	1526.22	3.754		100.69
125	18.645	18.622	36.490	26.252	180.12	1521.42	3.464		125.88
150	17.699	17.673	36.419	26.435	163.50	1519.02	3.699		151.06
200	15.809	15.777	36.090	26.631	146.07	1513.79	3.127		201.44
250	14.127	14.090	35.829	26.802	130.80	1509.02	3.205		251.83
300	12.814	12.772	35.610	26.904	121.91	1505.28	3.106		302.23
400	10.564	10.515	35.286	27.078	106.55	1498.82	2.944		403.07
500	8.926	8.870	35.063	27.180	97.61	1494.30	2.959		503.96
600	7.664	7.602	34.935	27.273	89.18	1491.07	3.117		604.90
700	6.632	6.566	34.881	27.376	79.70	1488.69	3.374		705.89
800	5.927	5.855	34.886	27.472	70.99	1487.58	3.662		806.92
900	5.423	5.345	34.901	27.546	64.36	1487.26	3.993		908.01

Cruise: GULFCET 04 **Station:** 12-117
Date: 14-Feb-93 **Time:** 1328 **Lat:** 27 46.01 **Long:** 88 49.99
Depth: 1575 m **Wind Dir:** 57.6 ° **Wind Speed:** 3.8 m/s **Wave Dir:**
Barometer: 29.81 in Hg **Air Temp Dry:** 20.0 °C **Air Temp Wet:** 16.0 °C **Secchi Depth:** 24.0 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.035	22.033	36.391	25.267	269.80	1528.64	5.032		10.07
20	22.000	21.996	36.390	25.276	269.28	1528.72	5.010		20.14
30	21.989	21.983	36.390	25.279	269.37	1528.86	4.978		30.20
50	21.985	21.975	36.391	25.281	269.98	1529.18	4.925		50.34
75	21.987	21.972	36.391	25.280	270.97	1529.61	4.952		75.52
100	21.990	21.970	36.392	25.281	271.90	1530.04	4.973		100.69
125	20.619	20.595	36.575	25.799	223.44	1527.01	3.799		125.88
150	19.273	19.246	36.567	26.150	190.82	1523.71	3.393		151.06
200	16.969	16.936	36.288	26.511	157.73	1517.55	3.372		201.44
250	15.411	15.372	36.033	26.678	143.03	1513.33	3.323		251.83
300	14.043	13.999	35.817	26.810	131.42	1509.57	3.278		302.23
400	11.514	11.462	35.415	27.004	114.18	1502.30	3.118		403.07
500	9.672	9.614	35.158	27.131	102.89	1497.14	3.021		503.96
600	8.258	8.194	34.986	27.224	94.54	1493.38	3.011		604.90
700	7.047	6.978	34.897	27.331	84.50	1490.32	3.231		705.89
800	6.232	6.158	34.880	27.428	75.59	1488.79	3.574		806.92
900	5.588	5.508	34.895	27.522	66.95	1487.91	3.897		908.01

Cruise: GULFCET 04 **Station:** 12-119
Date: 14-Feb-93 **Time:** 0608 **Lat:** 28 26.00 **Long:** 88 50.00
Depth: 1300 m **Wind Dir:** 350.8 ° **Wind Speed:** 3.8 m/s **Wave Dir:** 14.0 °
Barometer: 29.80 in Hg **Air Temp Dry:** 18.0 °C **Air Temp Wet:** 14.0 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	21.959	21.956	36.392	25.289	267.61	1528.44	4.571		10.07
20	21.964	21.960	36.393	25.288	268.12	1528.63	4.613		20.14
30	21.977	21.971	36.391	25.284	268.93	1528.83	4.655		30.20
50	21.979	21.969	36.392	25.283	269.73	1529.17	4.643		50.34
75	21.987	21.972	36.392	25.281	270.89	1529.61	4.596		75.52
100	21.992	21.972	36.393	25.280	271.92	1530.05	4.578		100.69
125	20.552	20.528	36.639	25.866	217.10	1526.90	3.476		125.88
150	19.218	19.190	36.557	26.157	190.15	1523.54	3.135		151.06
200	16.918	16.885	36.272	26.511	157.73	1517.37	3.255		201.44
250	15.294	15.255	36.012	26.688	142.08	1512.94	3.081		251.83
300	13.893	13.849	35.785	26.817	130.64	1509.04	2.995		302.23
400	11.173	11.122	35.368	27.031	111.41	1501.06	2.876		403.07
500	9.346	9.289	35.115	27.152	100.61	1495.90	2.786		503.96
600	7.815	7.753	34.944	27.258	90.83	1491.66	2.982		604.90
700	6.840	6.773	34.890	27.354	82.06	1489.51	3.212		705.89
800	6.033	5.960	34.885	27.458	72.49	1488.01	3.562		806.92
900	5.471	5.392	34.899	27.539	65.10	1487.45	3.936		908.01

Cruise: GULFCET 04 **Station:** 12-125
Date: 13-Feb-93 **Time:** 2305 **Lat:** 29 06.48 **Long:** 88 50.00
Depth: 95 m **Wind Dir:** 254.4 ° **Wind Speed:** 11.0 m/s **Wave Dir:**
Barometer: 29.81 in Hg **Air Temp Dry:** 14.1 °C **Air Temp Wet:** 12.8 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	22.069	22.067	36.292	25.182	277.84	1528.62	4.719	.497	10.07
20	22.089	22.085	36.289	25.174	278.98	1528.84	4.612	.207	20.14
30	22.030	22.024	36.278	25.182	278.56	1528.84	4.614	.195	30.20
50	19.208	19.199	35.879	25.640	235.60	1521.07	4.379	.138	50.34
75	18.466	18.453	36.424	26.247	178.86	1520.00	3.305	.102	75.52

Cruise: GULFCET 04 **Station:** 13-126
Date: 13-Feb-93 **Time:** 1829 **Lat:** 29 16.56 **Long:** 88 10.06
Depth: 95 m **Wind Dir:** 291.9 ° **Wind Speed:** 4.6 m/s **Wave Dir:**
Barometer: 29.76 in Hg **Air Temp Dry:** 15.5 °C **Air Temp Wet:** 12.2 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	18.931	18.929	34.051	24.315	360.37	1517.56	5.631	1.577	10.07
20	19.804	19.801	35.262	25.014	294.10	1521.55	4.956	.520	20.14
30	20.250	20.244	35.721	25.247	272.35	1523.46	4.606	.213	30.20
50	20.343	20.334	36.138	25.540	245.25	1524.52	4.325	.168	50.34
75	19.917	19.903	36.544	25.963	205.93	1524.22	3.296	.112	75.52

Cruise: GULFCET 04 **Station:** 13-133
Date: 13-Feb-93 **Time:** 1227 **Lat:** 28 46.20 **Long:** 88 10.00
Depth: 1850 m **Wind Dir:** 336.9 ° **Wind Speed:** 5.4 m/s **Wave Dir:** 34.0 °
Barometer: 30.09 in Hg **Air Temp Dry:** 13.5 °C **Air Temp Wet:** 12.2 °C **Secchi Depth:** 6.00 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	21.908	21.906	36.254	25.199	276.25	1528.16	5.250		10.07
20	21.967	21.963	36.286	25.206	275.94	1528.52	4.911		20.14
30	21.977	21.971	36.284	25.202	276.70	1528.71	4.857		30.20
50	21.990	21.980	36.311	25.219	275.88	1529.11	4.767		50.34
75	22.003	21.988	36.397	25.280	270.96	1529.66	4.685		75.52
100	21.982	21.962	36.399	25.288	271.22	1530.03	4.647		100.69
125	19.505	19.482	36.523	26.056	198.92	1523.89	3.393		125.88
150	18.015	17.989	36.422	26.359	170.79	1519.95	3.213		151.06
200	15.728	15.697	36.090	26.650	144.25	1513.54	3.061		201.44
250	14.126	14.089	35.826	26.800	130.99	1509.01	2.995		251.83
300	12.606	12.565	35.585	26.926	119.71	1504.56	2.987		302.23
400	10.607	10.557	35.286	27.070	107.32	1498.98	2.878		403.07
500	8.963	8.908	35.070	27.179	97.71	1494.44	2.868		503.96
600	7.658	7.596	34.944	27.281	88.46	1491.06	3.012		604.90
700	6.596	6.529	34.881	27.381	79.19	1488.55	3.320		705.89
800	5.799	5.728	34.887	27.489	69.18	1487.08	3.737		806.92
900	5.342	5.264	34.904	27.559	63.00	1486.94	4.015		908.01

Cruise: GULFCET 04 **Station:** 13-134
Date: 13-Feb-93 **Time:** 0916 **Lat:** 28 36.90 **Long:** 88 10.00
Depth: 2000 m **Wind Dir:** 332.7 ° **Wind Speed:** 9.9 m/s **Wave Dir:** 17.0 °
Barometer: 29.80 in Hg **Air Temp Dry:** 14.9 °C **Air Temp Wet:** 12.5 °C **Secchi Depth:** 20.0 m

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	19.614	19.612	33.966	24.075	383.20	1519.40	5.781		10.07
20	21.828	21.824	36.271	25.234	273.26	1528.14	5.105		20.14
30	21.988	21.982	36.370	25.264	270.77	1528.83	5.011		30.20
50	22.003	21.993	36.374	25.263	271.65	1529.21	4.736		50.34
75	22.001	21.986	36.379	25.267	272.21	1529.64	4.681		75.52
100	21.994	21.974	36.392	25.279	272.08	1530.05	4.650		100.69
125	20.420	20.397	36.593	25.866	217.05	1526.50	3.453		125.88
150	18.963	18.935	36.540	26.209	185.13	1522.80	3.241		151.06
200	16.527	16.494	36.215	26.561	152.91	1516.13	3.279		201.44
250	14.782	14.744	35.938	26.744	136.51	1511.24	3.013		251.83
300	13.204	13.162	35.678	26.877	124.65	1506.66	3.108		302.23
400	10.841	10.791	35.313	27.049	109.48	1499.83	2.914		403.07
500	9.136	9.080	35.087	27.164	99.25	1495.10	2.870		503.96
600	7.846	7.784	34.952	27.260	90.69	1491.79	2.951		604.90
700	6.722	6.655	34.884	27.366	80.76	1489.04	3.233		705.89
800	5.966	5.893	34.885	27.467	71.54	1487.74	3.584		806.92
900	5.494	5.415	34.897	27.535	65.57	1487.54	3.876		908.01

Cruise: GULFCET 04 **Station:** 14-135
Date: 13-Feb-93 **Time:** 0310 **Lat:** 28 30.92 **Long:** 87 29.94
Depth: 2000 m **Wind Dir:** 323.7 ° **Wind Speed:** 9.3 m/s **Wave Dir:**
Barometer: 30.03 in Hg **Air Temp Dry:** 16.5 °C **Air Temp Wet:** 13.5 °C **Secchi Depth:**

Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	20.447	20.445	35.859	25.299	266.67	1523.82	4.918		10.07
20	20.460	20.456	35.861	25.297	267.25	1524.02	4.928		20.14
30	20.466	20.461	35.860	25.294	267.85	1524.21	4.901		30.20
50	20.368	20.358	35.985	25.417	256.96	1524.41	4.826		50.34
75	20.414	20.400	36.167	25.543	245.91	1525.16	4.768		75.52
100	19.239	19.221	36.058	25.769	225.13	1522.20	4.771		100.69
125	18.572	18.550	36.480	26.264	179.03	1521.20	3.389		125.88
150	17.044	17.019	36.280	26.488	158.35	1516.93	3.142		151.06
200	15.050	15.019	35.972	26.711	138.24	1511.29	3.011		201.44
250	13.589	13.553	35.742	26.848	126.22	1507.17	2.992		251.83
300	12.107	12.067	35.504	26.960	116.23	1502.78	2.934		302.23
400	10.004	9.957	35.201	27.109	103.17	1496.73	2.866		403.07
500	8.187	8.134	34.984	27.233	91.81	1491.45	2.873		503.96
600	7.096	7.037	34.897	27.324	83.67	1488.84	3.060		604.90
700	6.195	6.131	34.879	27.432	73.76	1486.97	3.403		705.89
800	5.650	5.580	34.893	27.512	66.73	1486.49	3.662		806.92
900	5.211	5.134	34.909	27.579	60.93	1486.41	3.934		908.01

Cruise: GULFCET 04 **Station:** 14-136
Date: 12-Feb-93 **Time:** 2323 **Lat:** 28 45.95 **Long:** 87 29.92
Depth: 1600 m **Wind Dir:** 316.5 ° **Wind Speed:** 10 m/s **Wave Dir:**
Barometer: **Air Temp Dry:** 16.2 °C **Air Temp Wet:** 14.5 °C **Secchi Depth:**

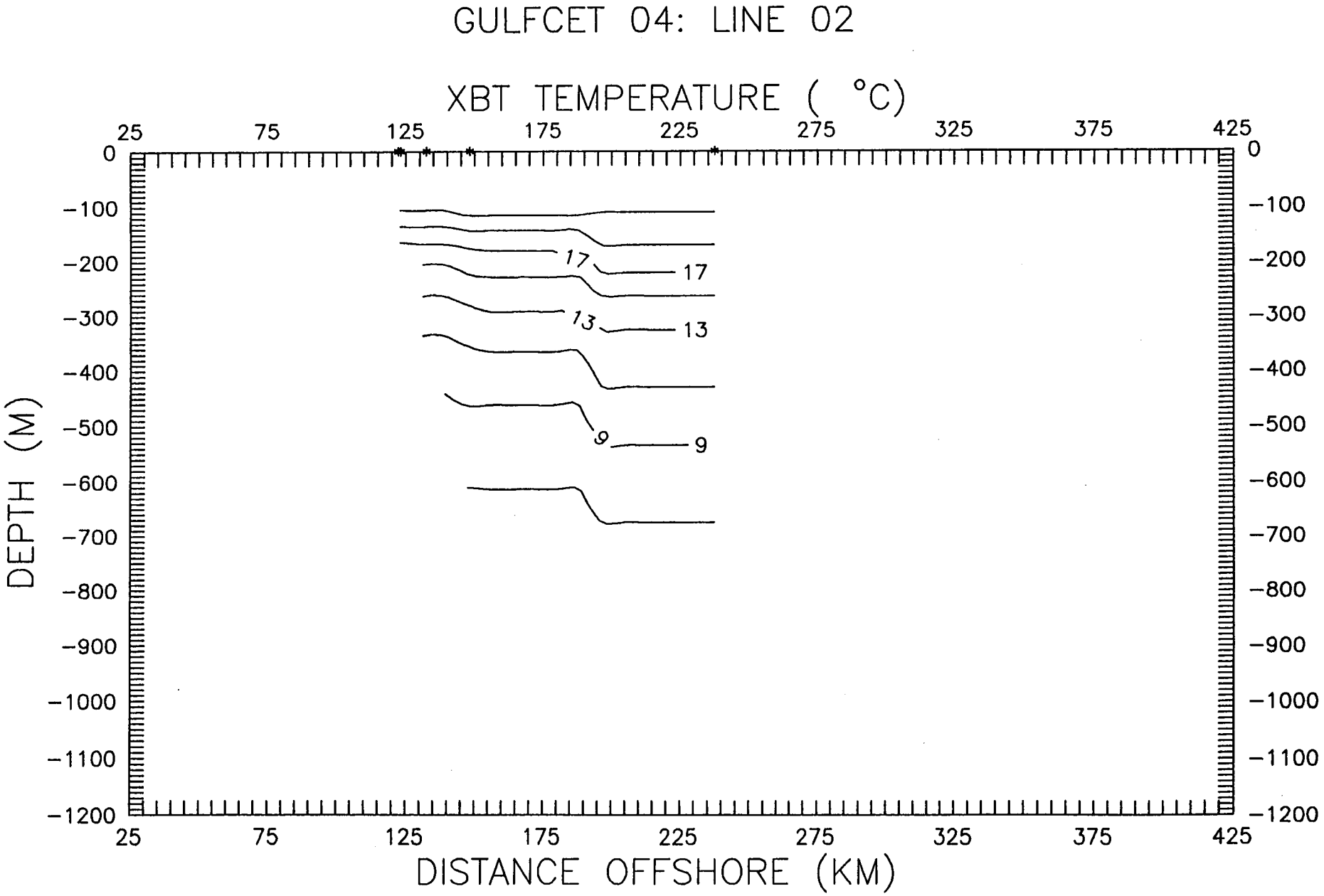
Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	20.436	20.434	36.215	25.574	240.57	1524.18	4.837		10.07
20	20.452	20.448	36.215	25.569	241.34	1524.40	4.826		20.14
30	20.445	20.439	36.216	25.572	241.44	1524.55	4.791		30.20
50	20.461	20.452	36.215	25.567	242.68	1524.93	4.821		50.34
75	19.937	19.923	36.156	25.662	234.50	1523.84	4.708		75.52
100	19.403	19.385	36.497	26.063	197.33	1523.16	3.198		100.69
125	18.041	18.019	36.399	26.335	172.21	1519.58	3.003		125.88
150	16.505	16.481	36.200	26.554	151.97	1515.21	3.057		151.06
200	14.627	14.597	35.905	26.753	134.16	1509.87	3.066		201.44
250	13.133	13.098	35.678	26.892	121.84	1505.59	2.963		251.83
300	11.669	11.630	35.447	27.000	112.23	1501.21	2.932		302.23
400	9.872	9.825	35.180	27.115	102.49	1496.22	2.852		403.07
500	8.367	8.313	34.993	27.213	93.89	1492.13	2.885		503.96
600	7.031	6.973	34.888	27.327	83.39	1488.58	3.123		604.90
700	6.238	6.174	34.881	27.428	74.23	1487.14	3.389		705.89
800	5.686	5.615	34.891	27.506	67.32	1486.63	3.634		806.92
900	5.266	5.189	34.906	27.570	61.85	1486.63	3.906		908.01

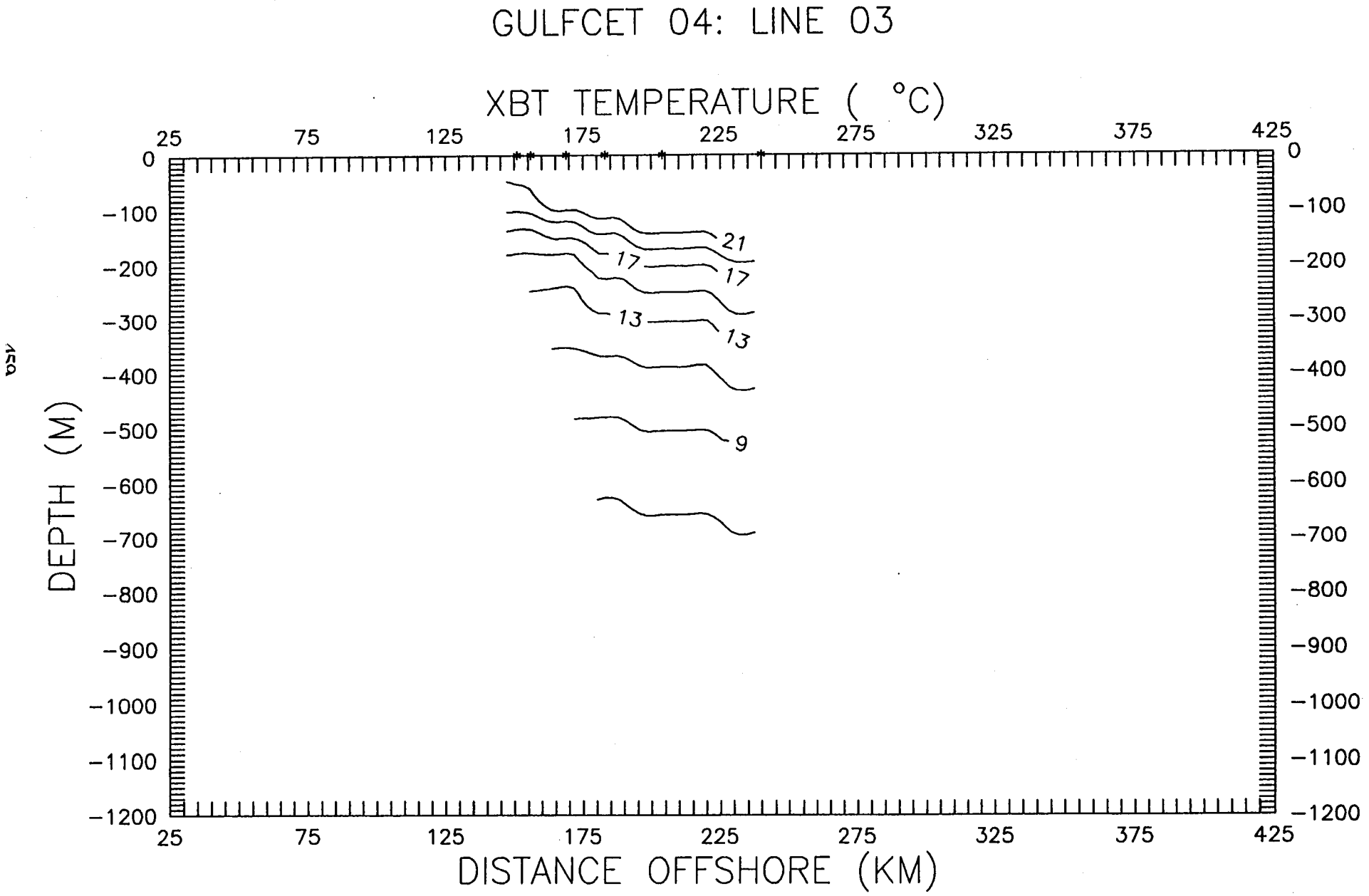
Cruise: GULFCET 04 **Station:** 14-143
Date: 12-Feb-93 **Time:** 1530 **Lat:** 29 27.00 **Long:** 87 30.00
Depth: 82 m **Wind Dir:** **Wind Speed:** **Wave Dir:**
Barometer: **Air Temp Dry:** **Air Temp Wet:** **Secchi Depth:** 25.0 m

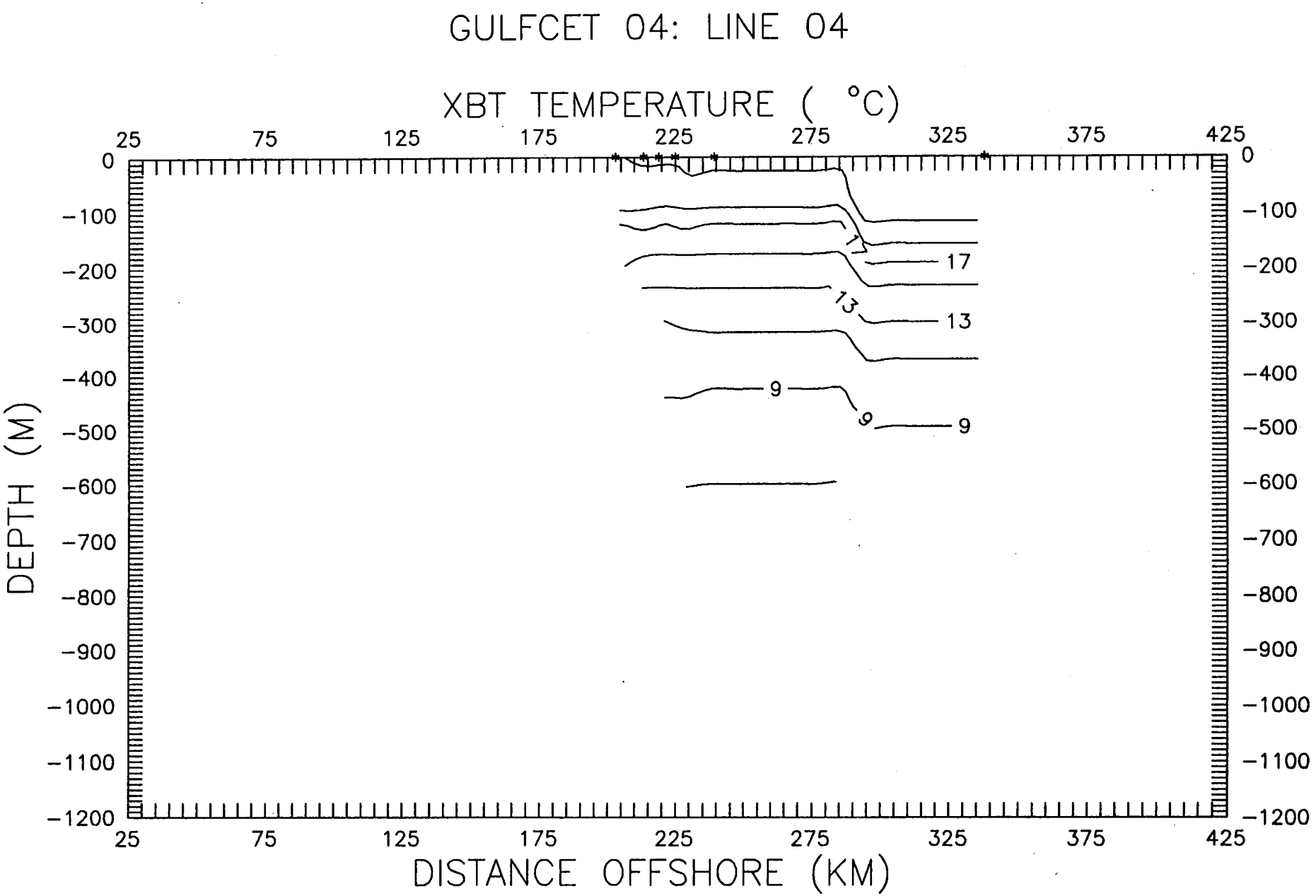
Depth	Temp.	Pot. Temp.	Salinity	Density	SVA	Sound V	Oxy.	Fluor.	Pressure
10	20.376	20.374	36.050	25.464	251.00	1523.84	5.005	.474	10.07
20	20.385	20.382	36.051	25.462	251.52	1524.03	5.039	.559	20.14
30	20.390	20.384	36.081	25.484	249.82	1524.25	5.024	.563	30.20
50	20.355	20.346	36.183	25.571	242.31	1524.60	4.933	.656	50.34
75	20.126	20.112	36.284	25.709	230.02	1524.51	4.563	.170	75.52

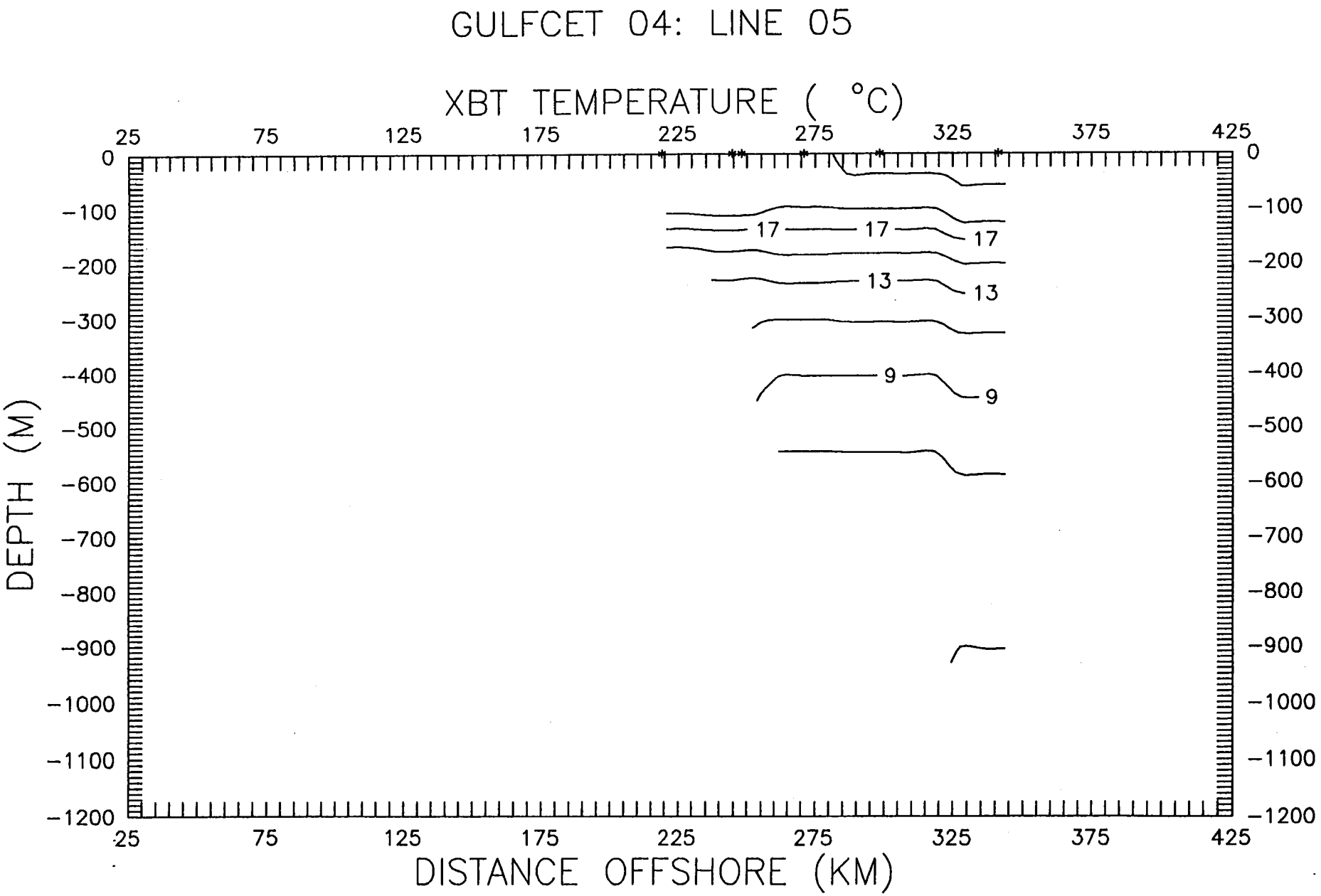
5.4 Analyzed Temperature Data

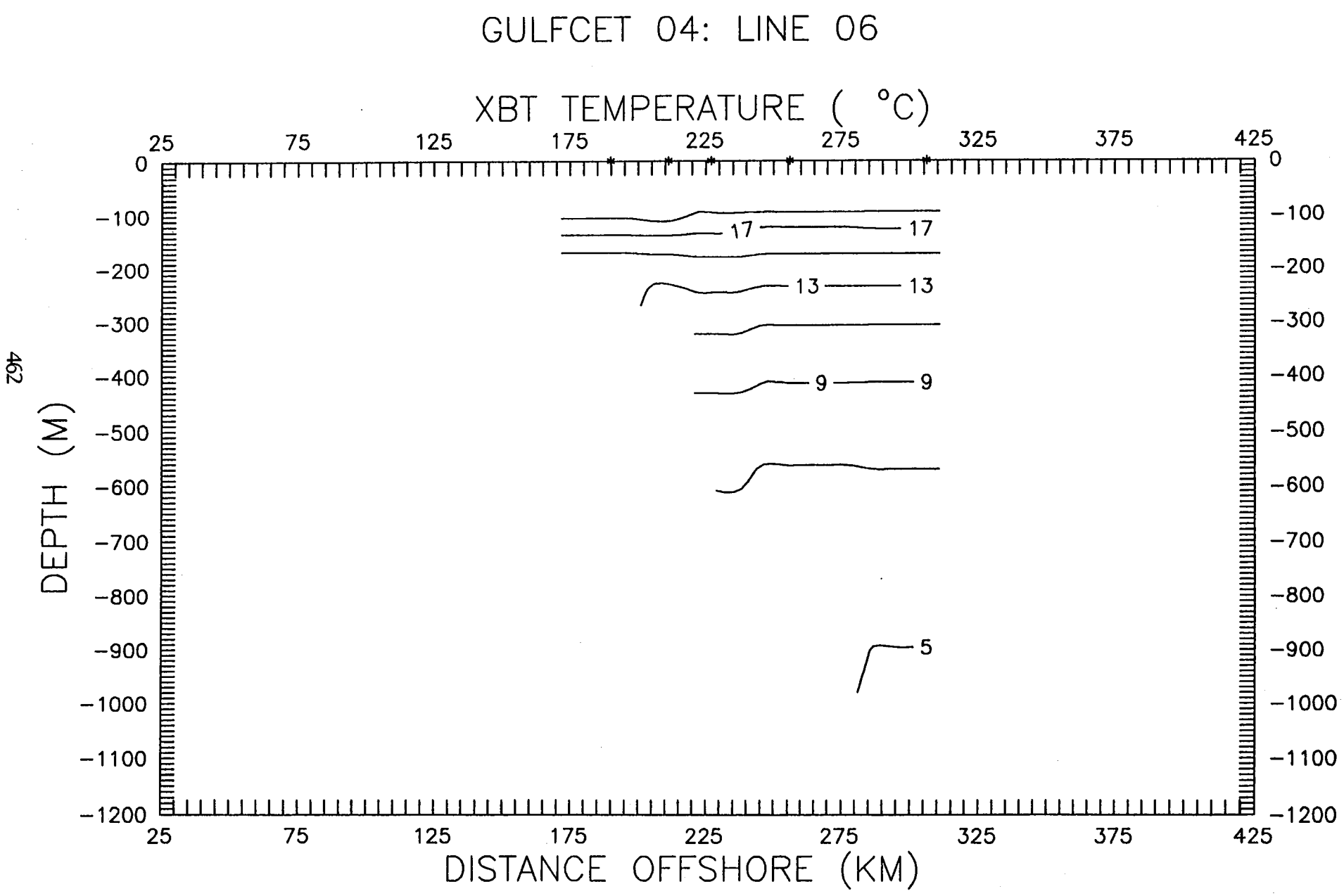
Vertical Temperature Profiles

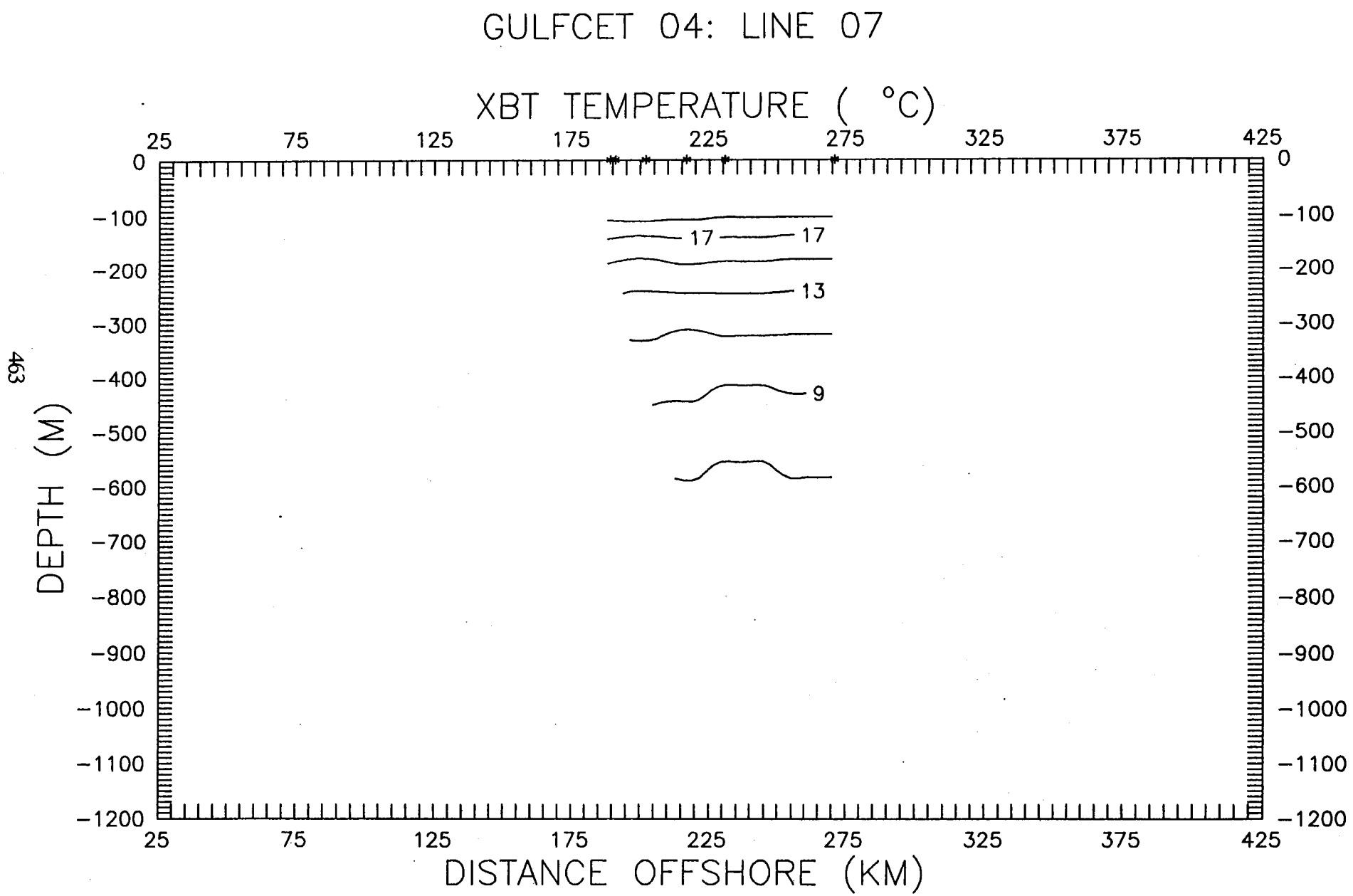


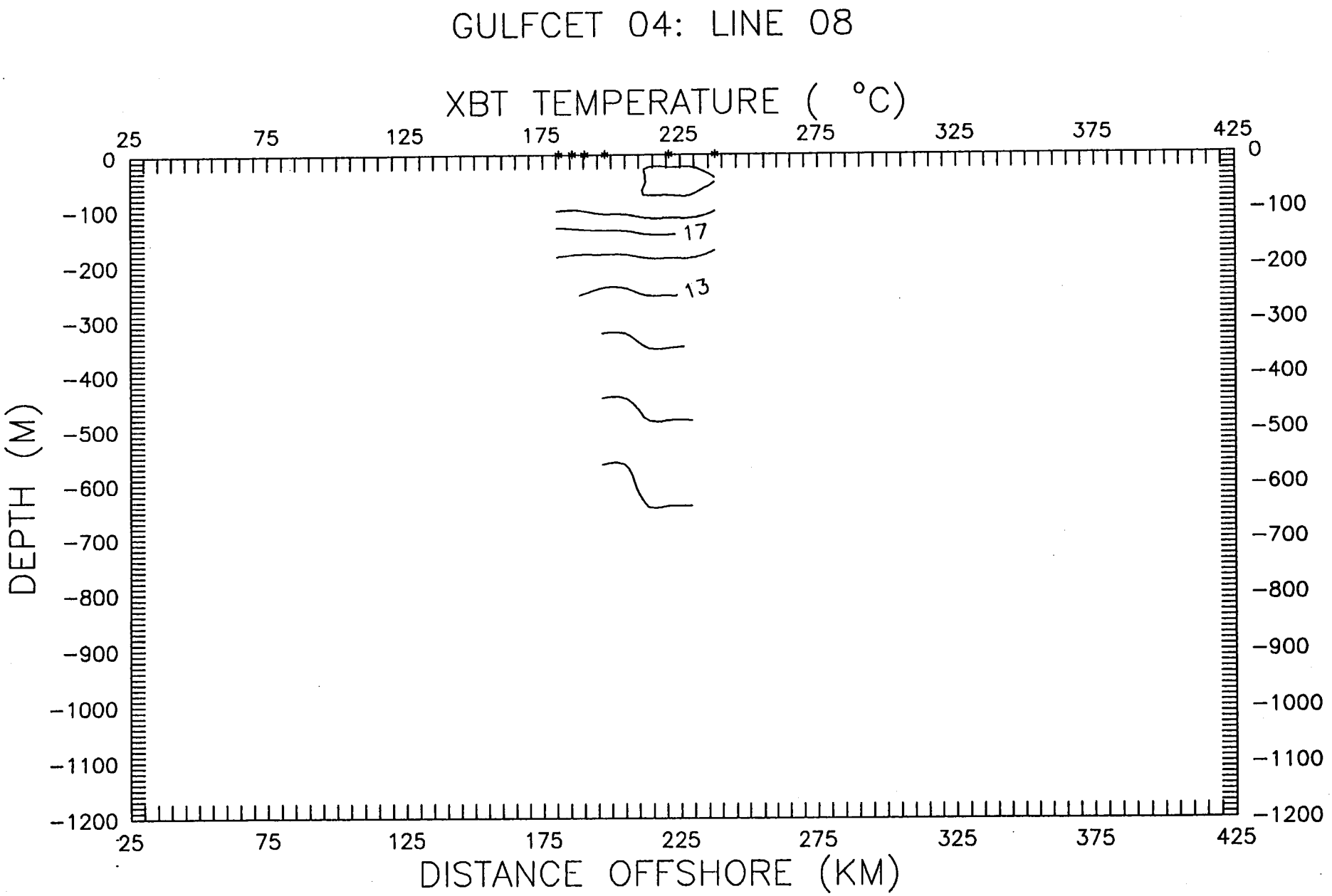

GULFCET 04: LINE 03
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
21
17
17
13
13
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

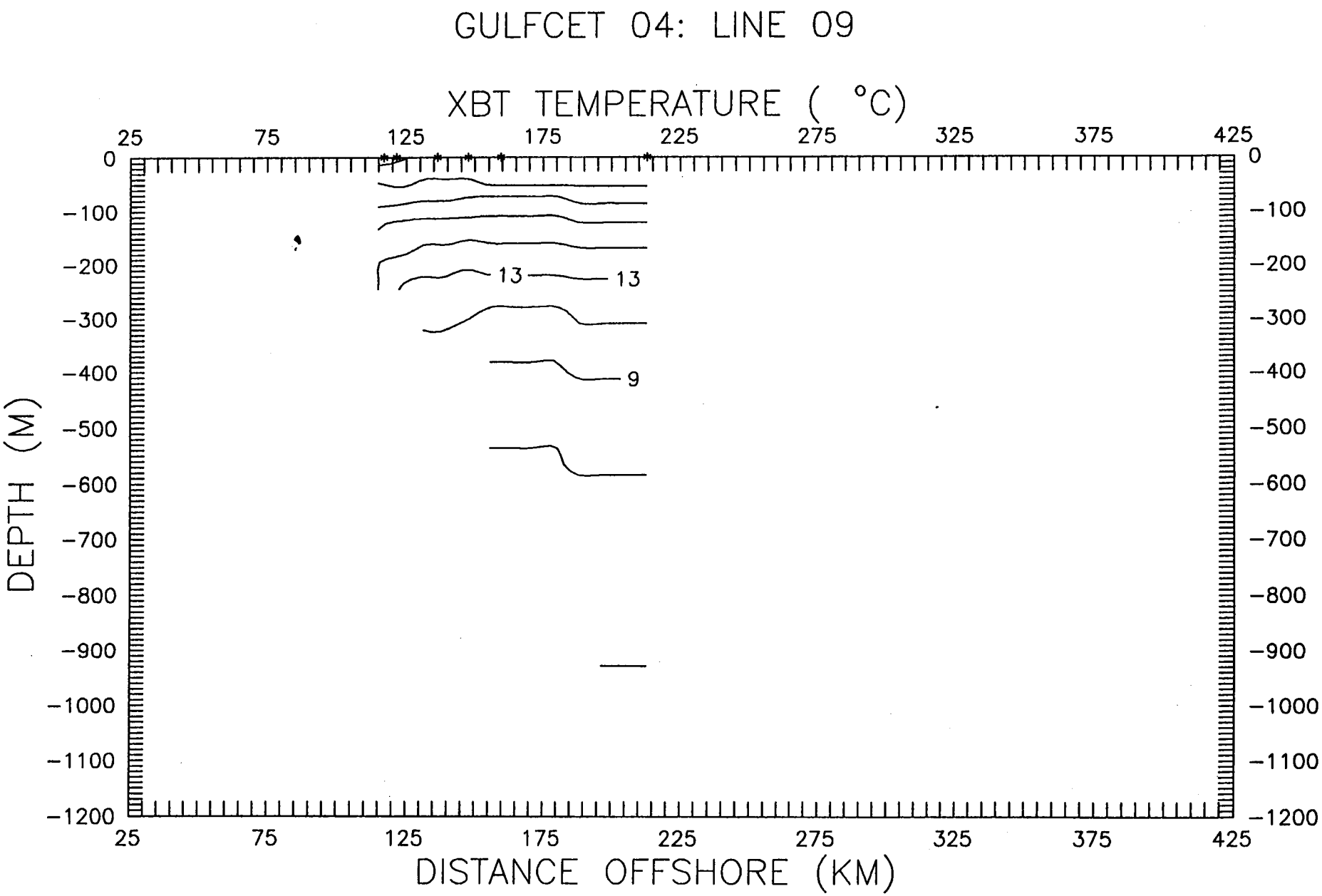

GULFCET 04: LINE 04
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
17
13
13
9
9
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

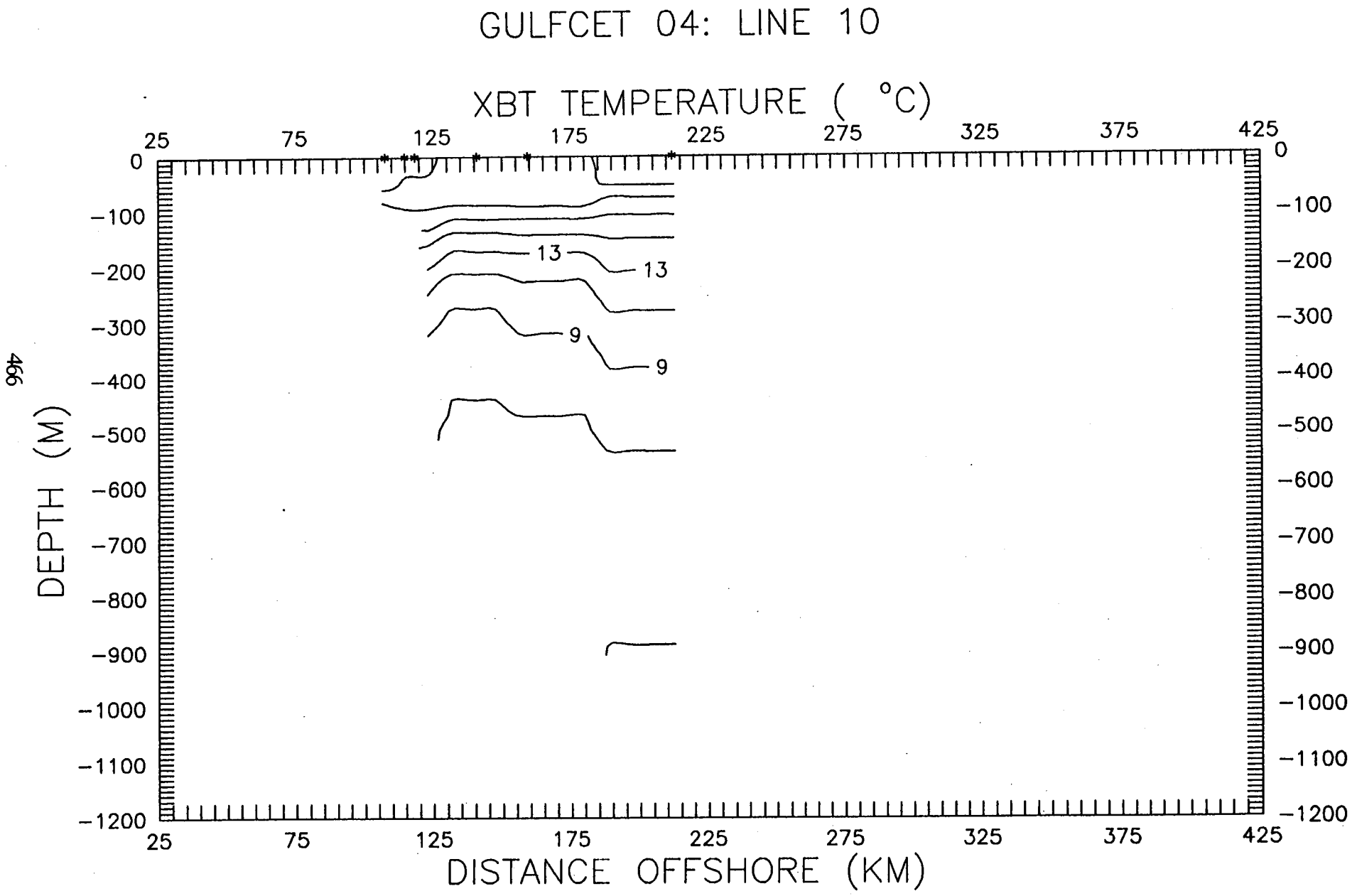

GULFCET 04: LINE 05
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
17
17
13
13
9
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

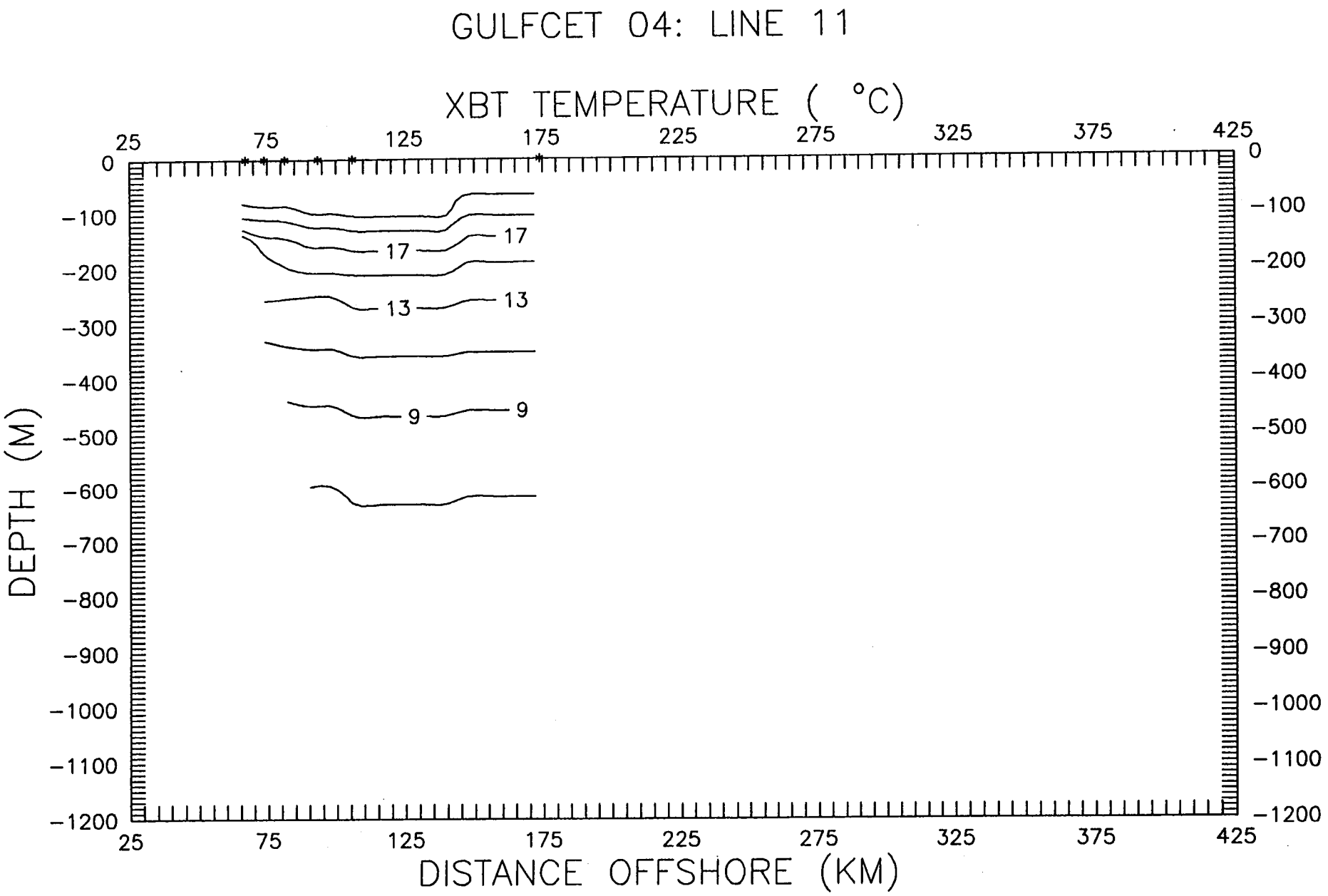

GULFCET 04: LINE 06
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
17
13
13
9
9
5
DEPTH (M)
DISTANCE OFFSHORE (KM)

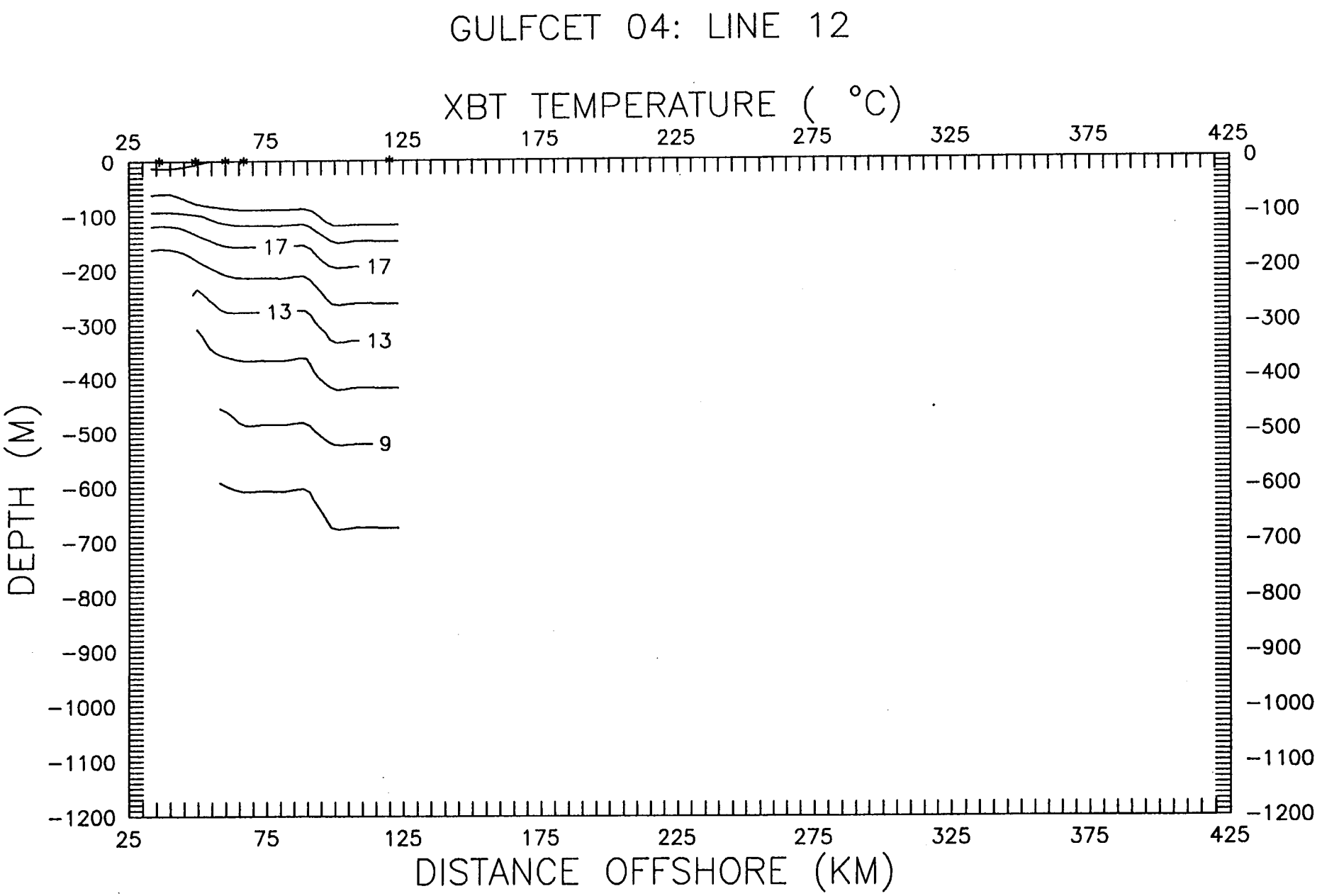

GULFCET 04: LINE 07
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
17
13
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

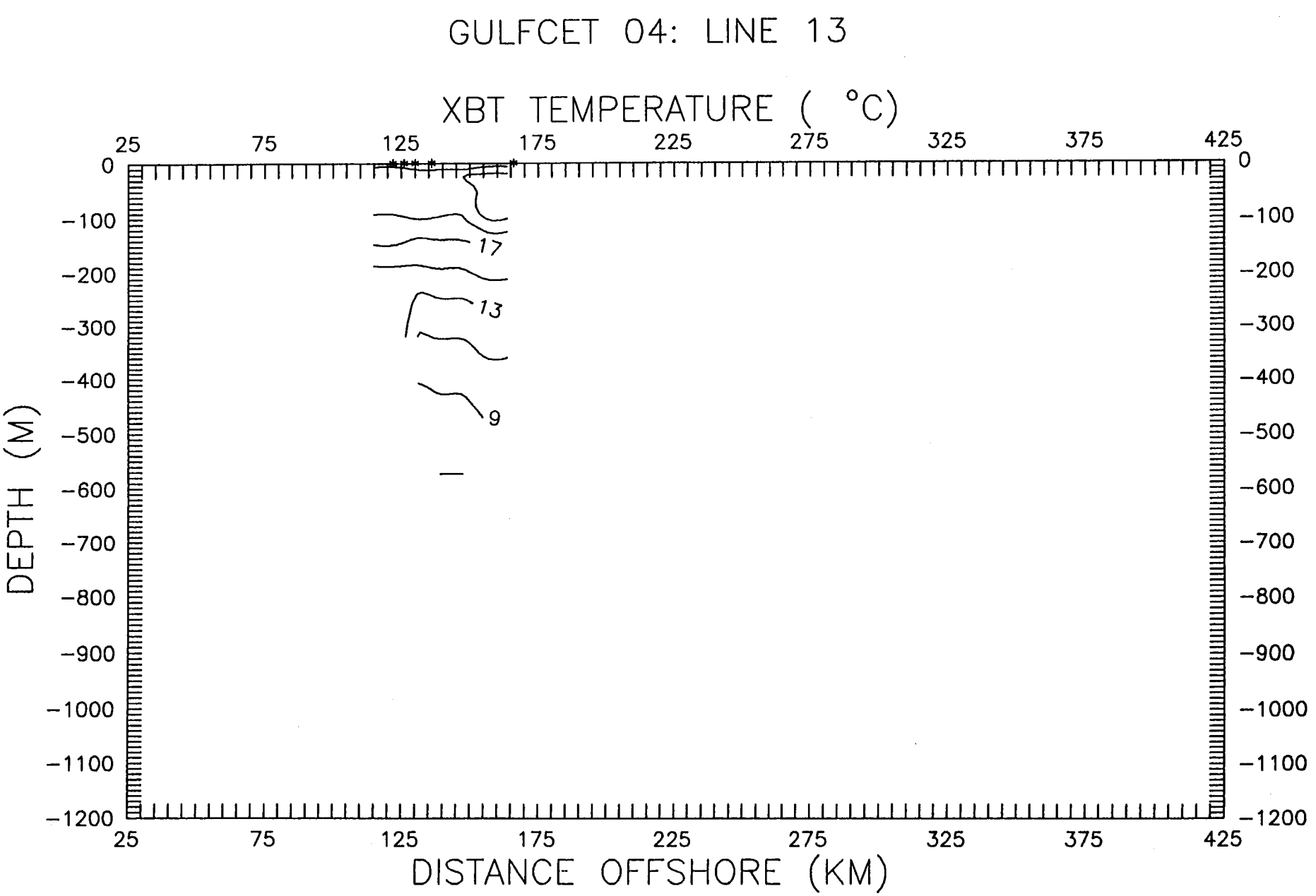

GULFCET 04: LINE 08
XBT TEMPERATURE (°C)
17
13
DEPTH (M)
DISTANCE OFFSHORE (KM)
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
25
75
125
175
225
275
325
375
425

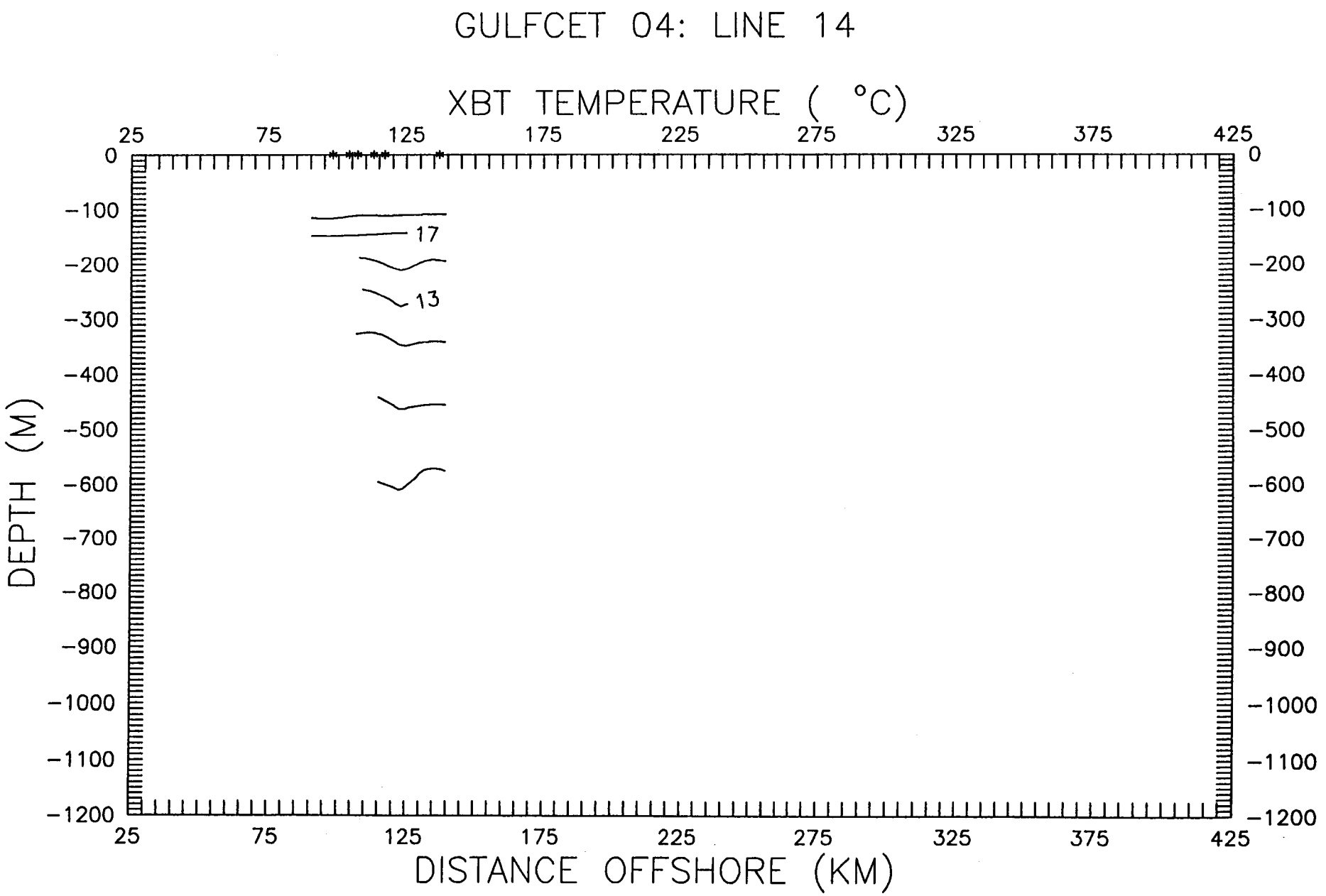

GULFCET 04: LINE 09
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
13
13
9
DEPTH (M)
DISTANCE OFFSHORE (KM)


GULFCET 04: LINE 10
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
13
13
9
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

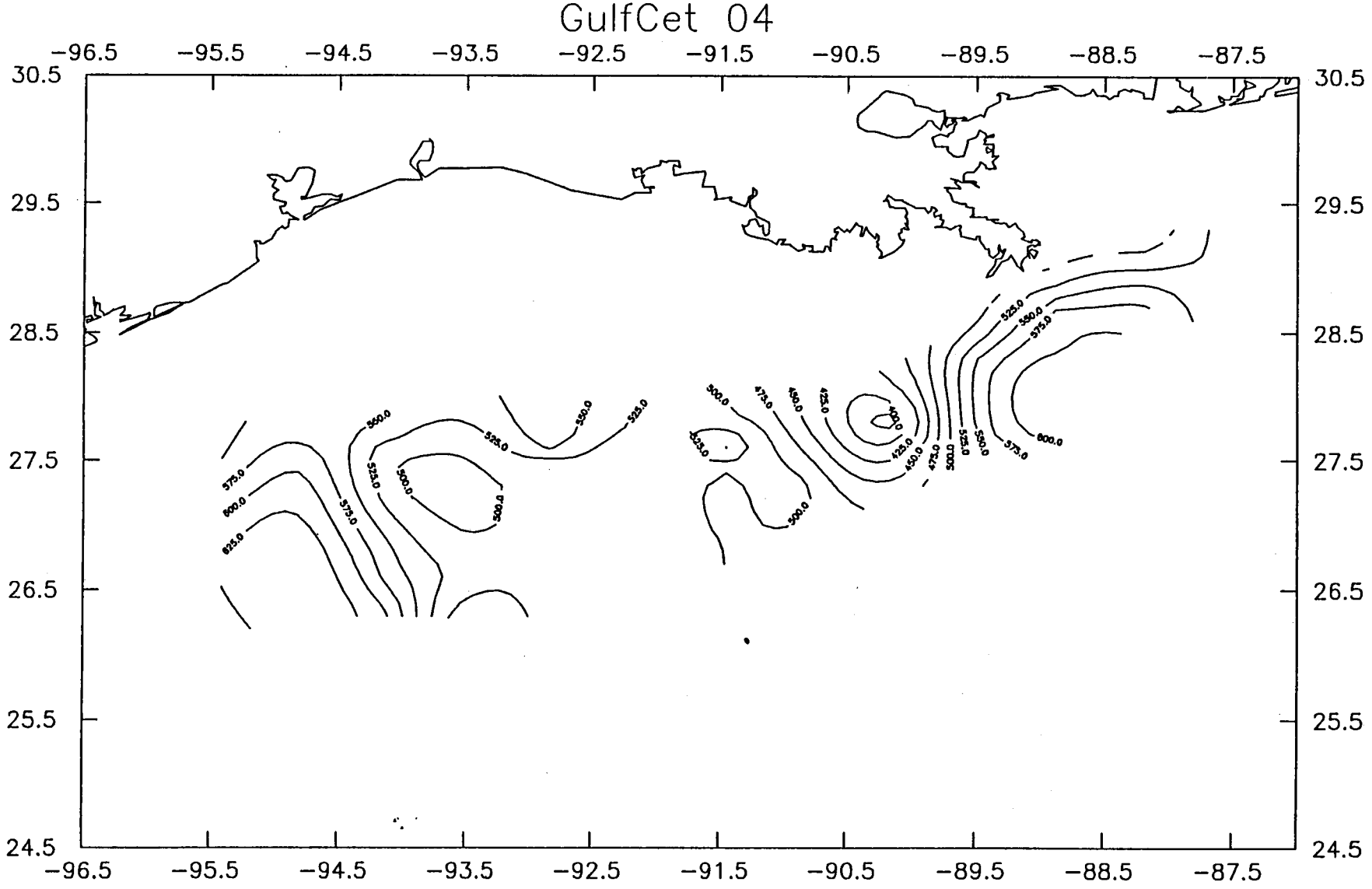

GULFCET 04: LINE 11
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
13
9
DEPTH (M)
DISTANCE OFFSHORE (KM)


GULFCET 04: LINE 12
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
17
13
13
9
DEPTH (M)
DISTANCE OFFSHORE (KM)


GULFCET 04: LINE 13
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
13
9
DEPTH (M)
DISTANCE OFFSHORE (KM)

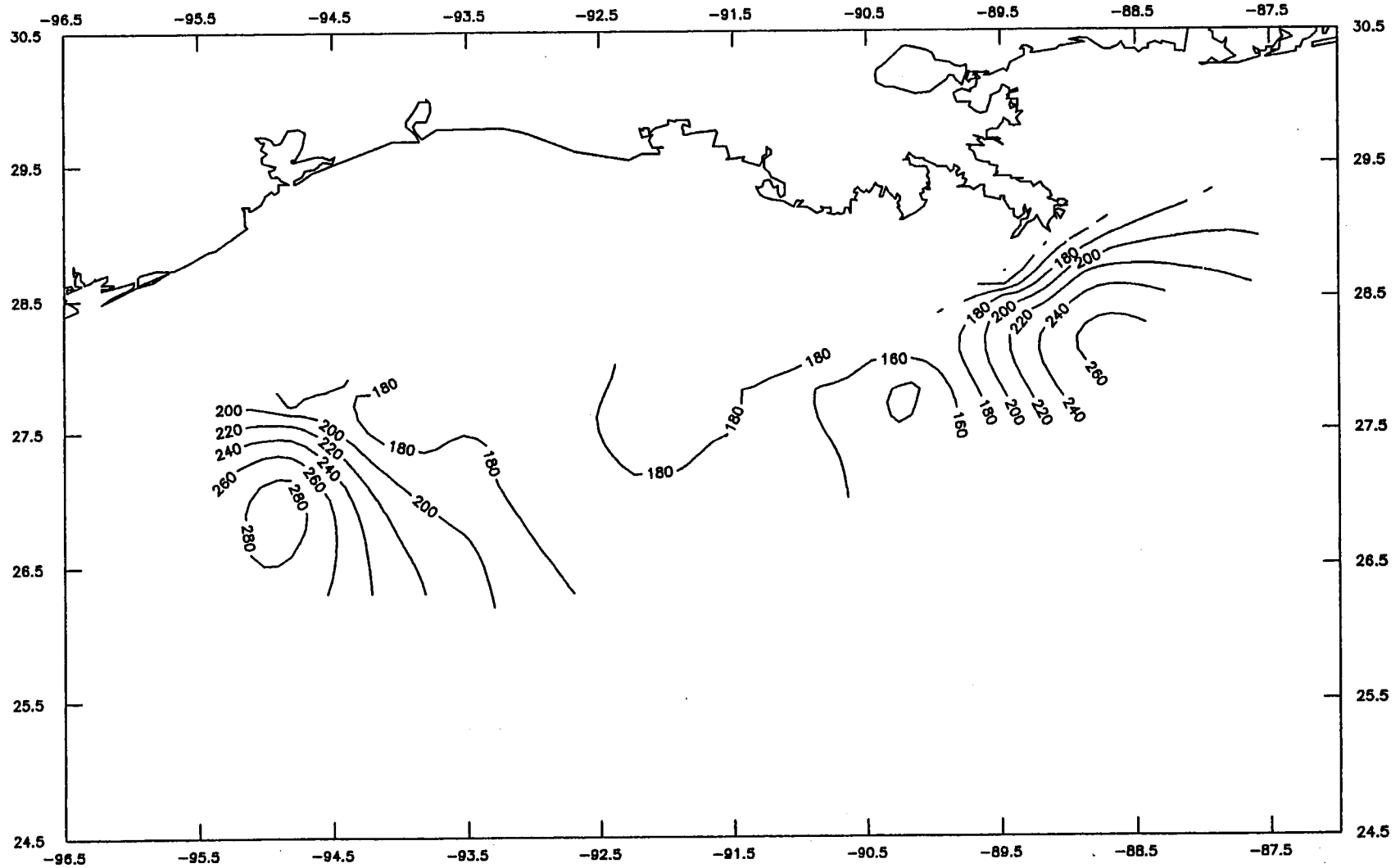

GULFCET 04: LINE 14
XBT TEMPERATURE (°C)
25
75
125
175
225
275
325
375
425
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200
17
13
DEPTH (M)
DISTANCE OFFSHORE (KM)

Depth of 8 °C Isotherm (m)



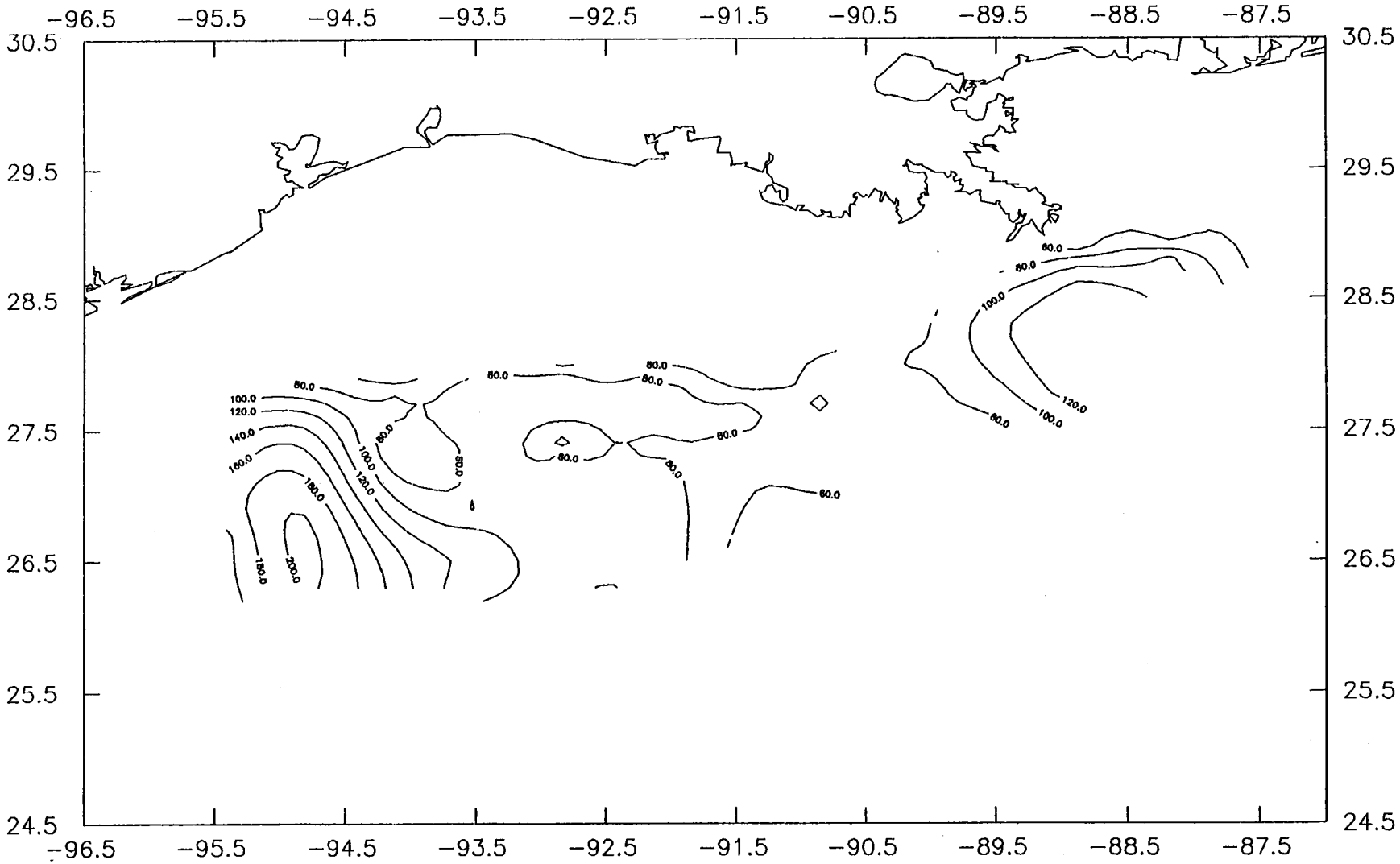
Depth of 15°C Isotherm

GulfCet 04



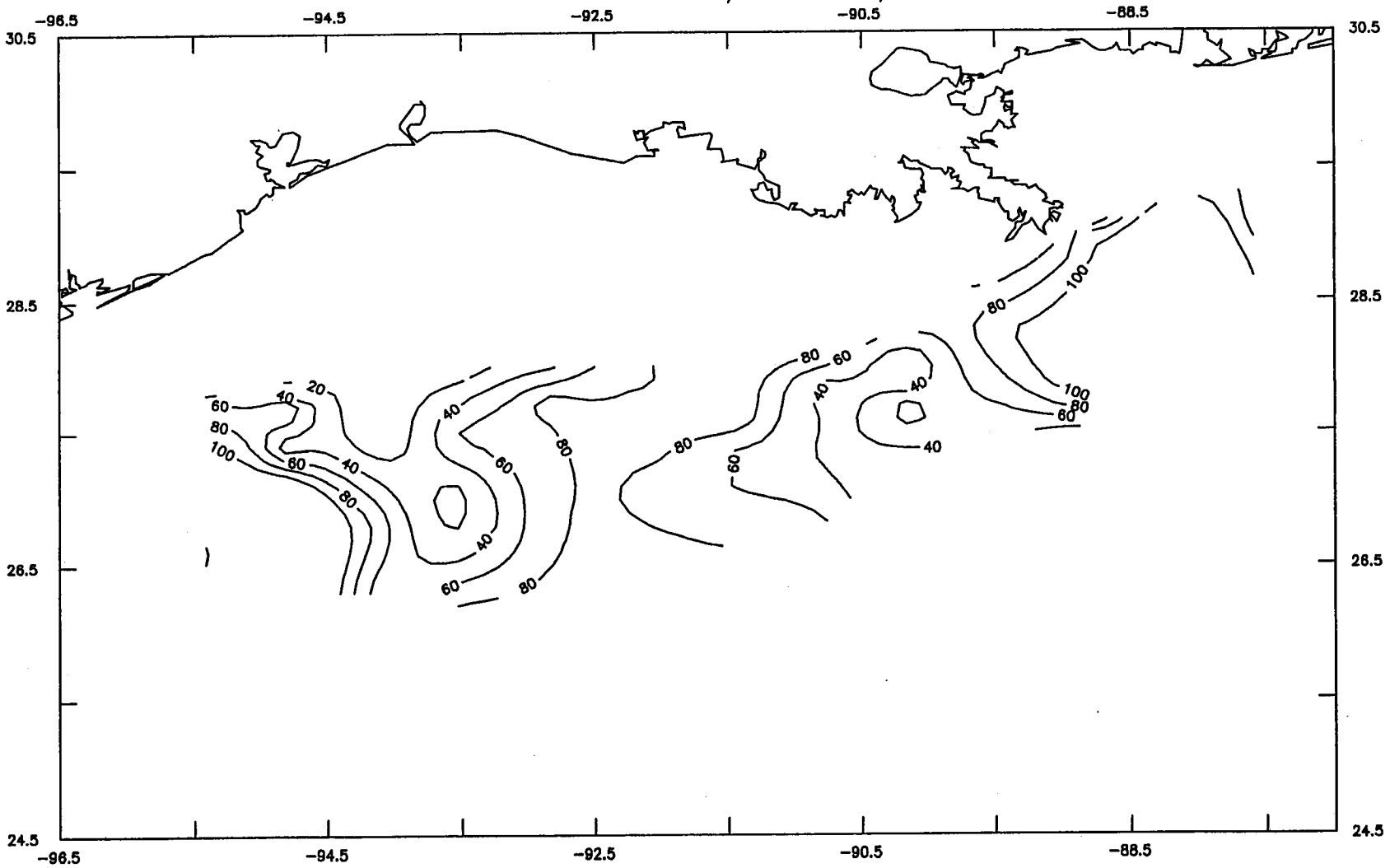
Depth of 20 ° Isotherm (m)

GulfCet 04

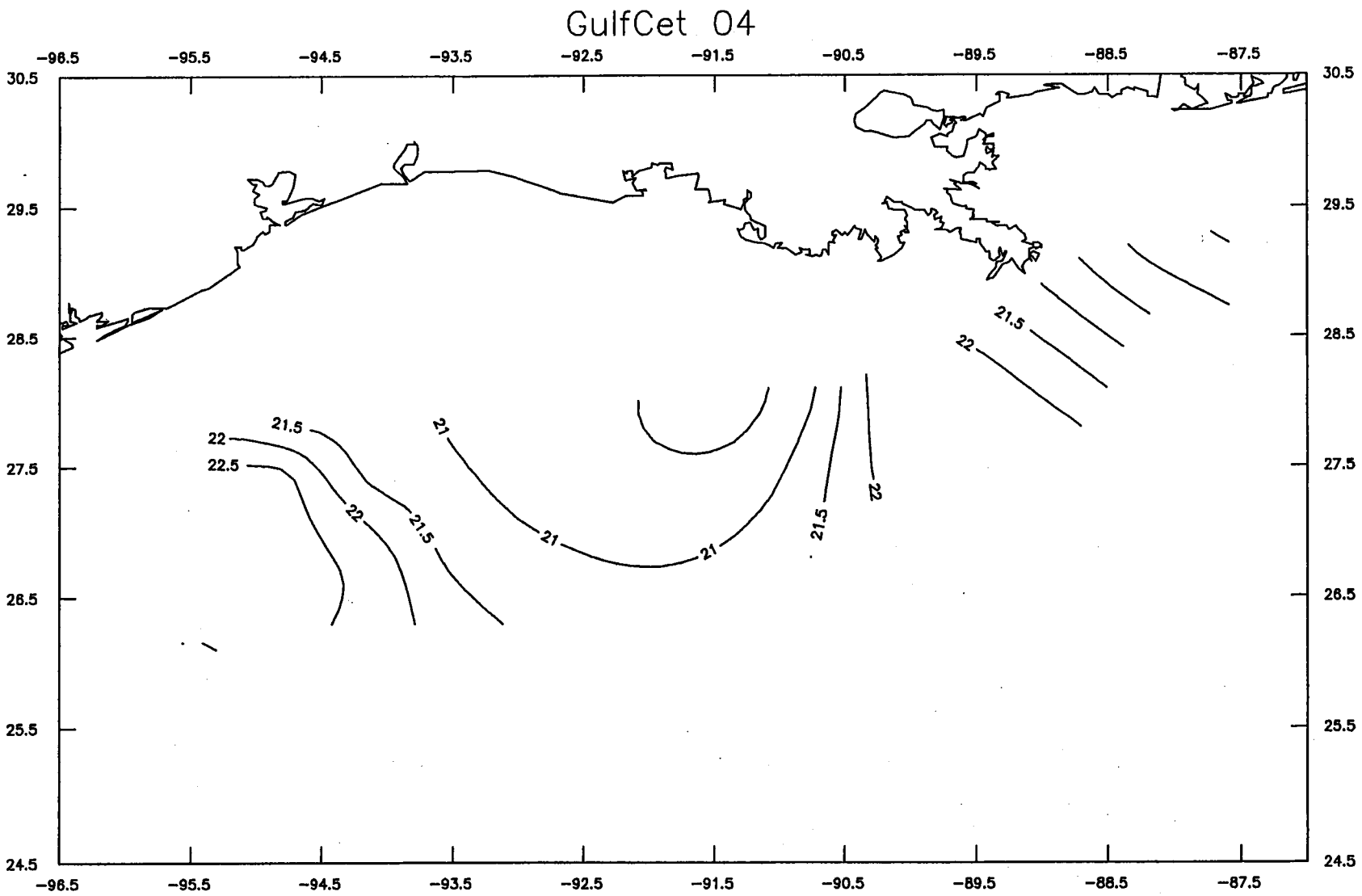


Mixed Layer Depth

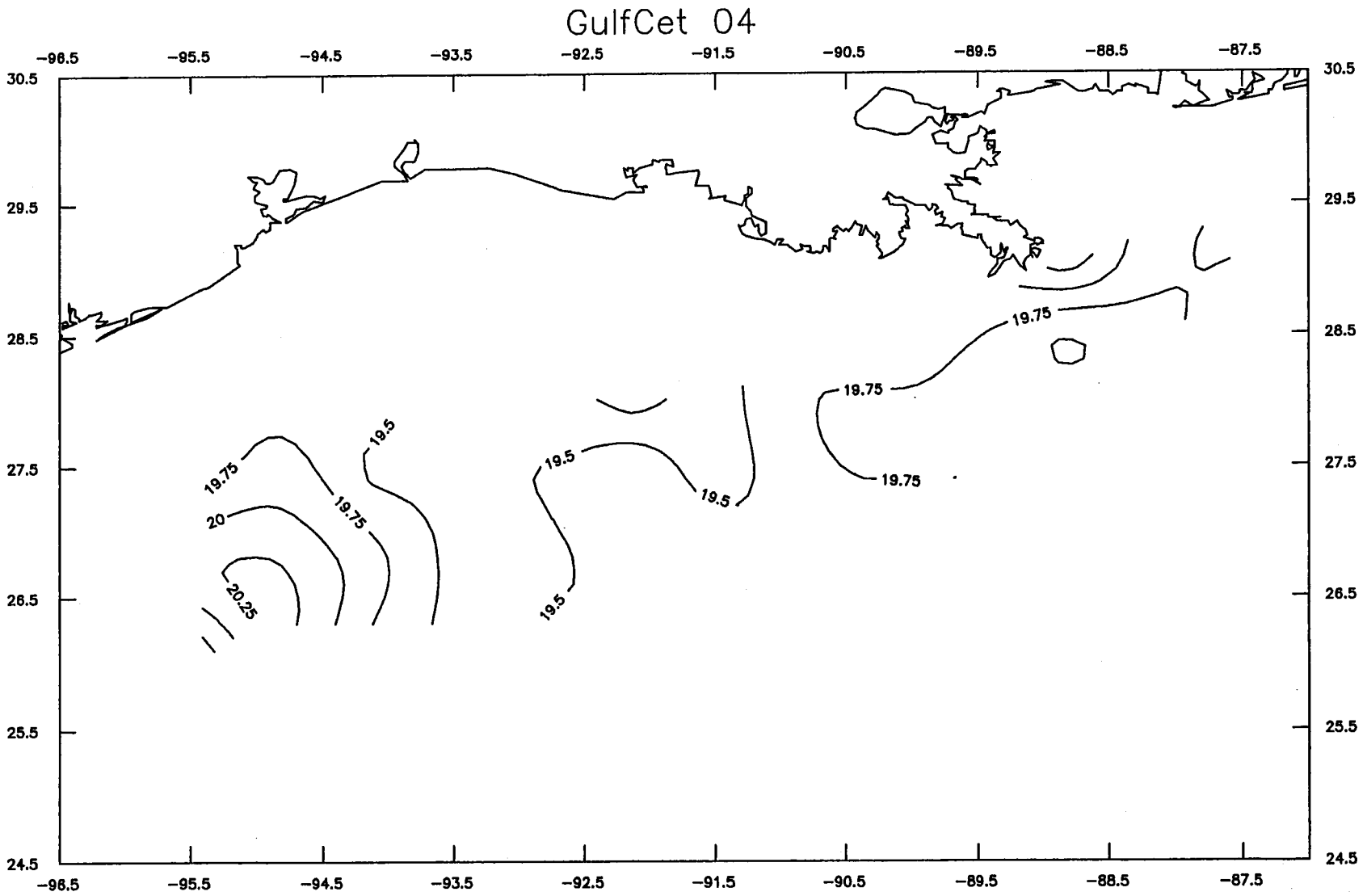
GulfCet 04 : 2/12-27/93

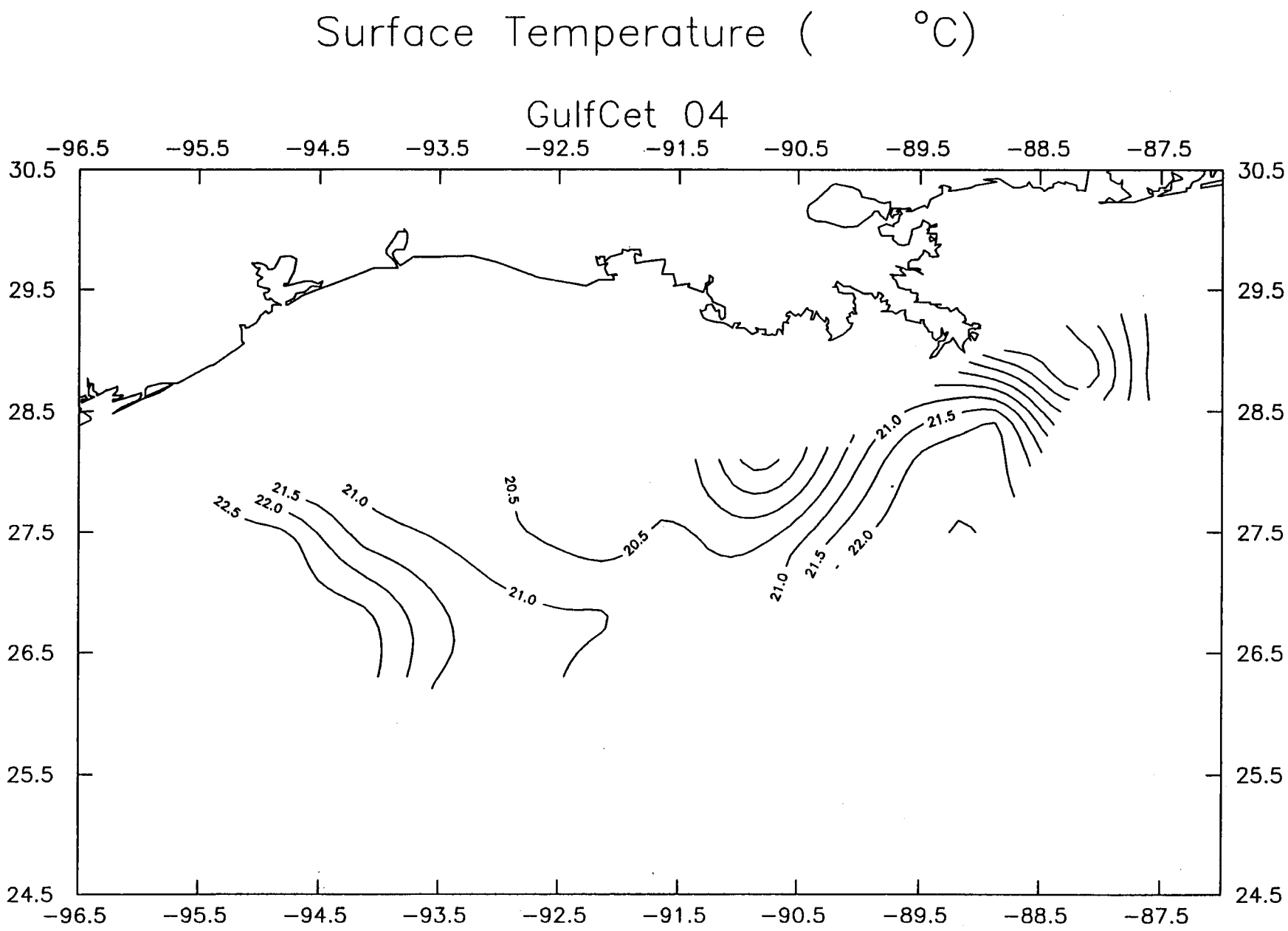


Temperature (°C) at Reference Density 25



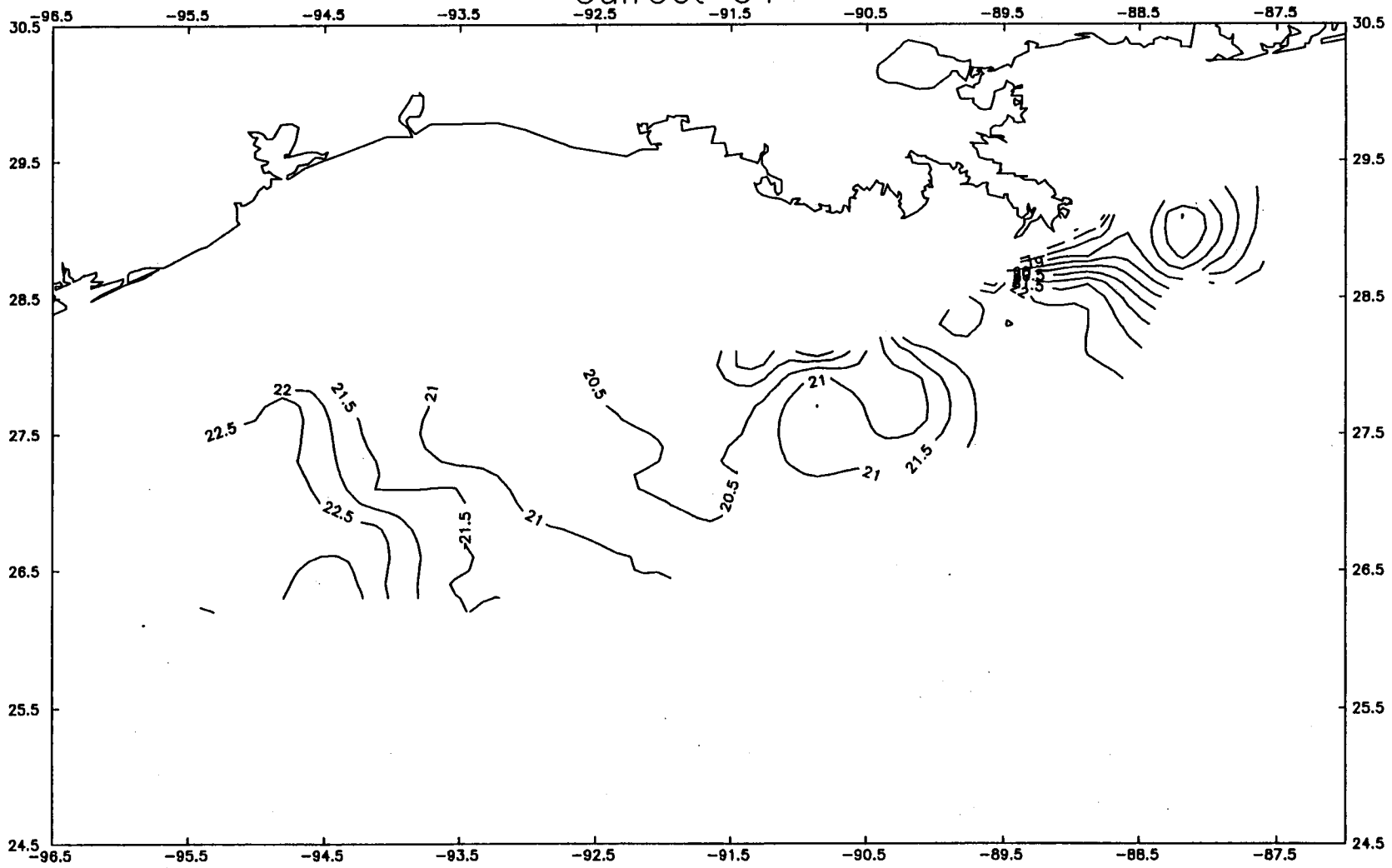
Temperature (°C) at Reference Density 26



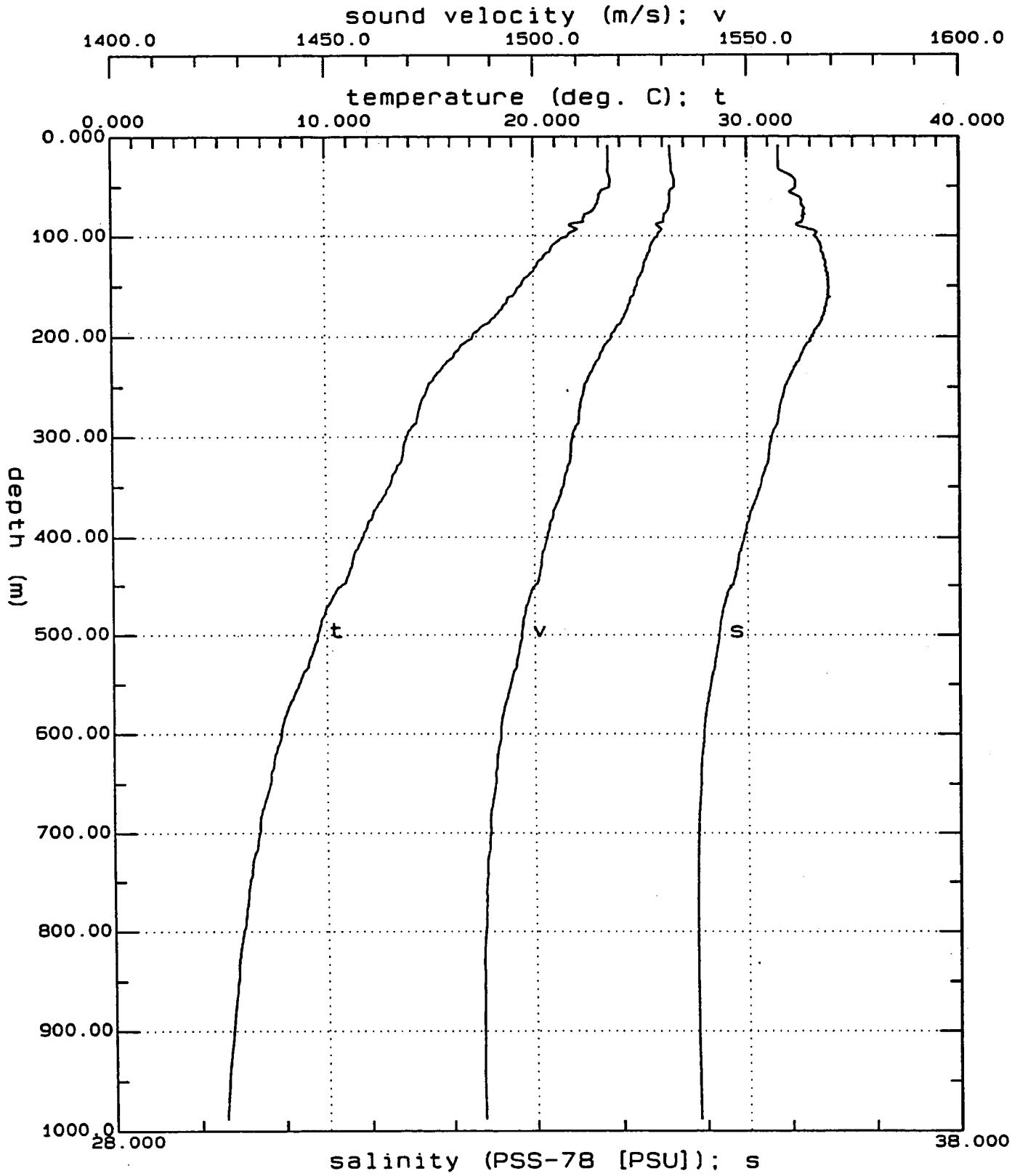

Surface Temperature (°C)
GulfCet 04
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
22.5
22.0
21.5
21.0
20.5

MIDAS Temperature (deg. C)

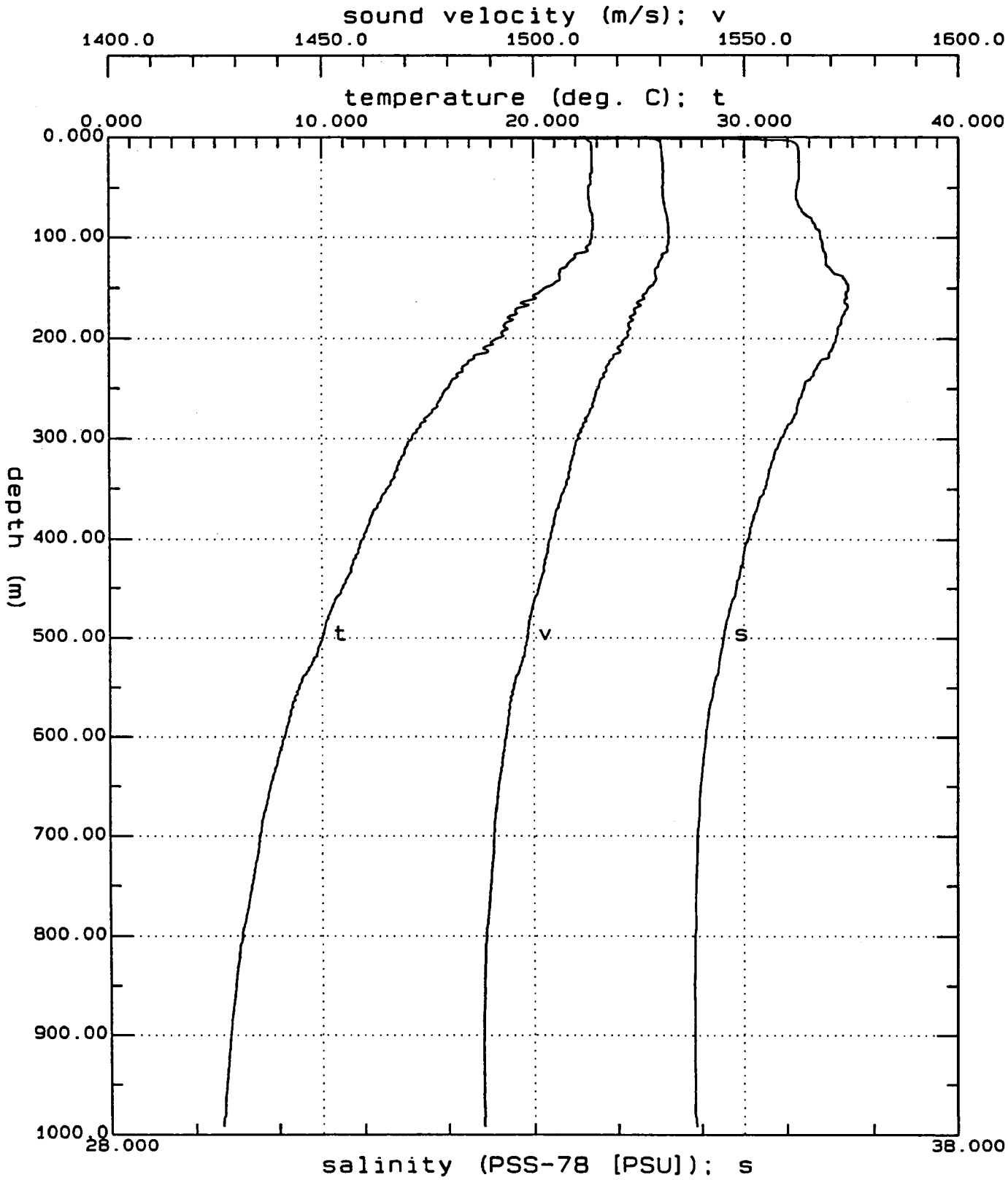
GulfCet 04



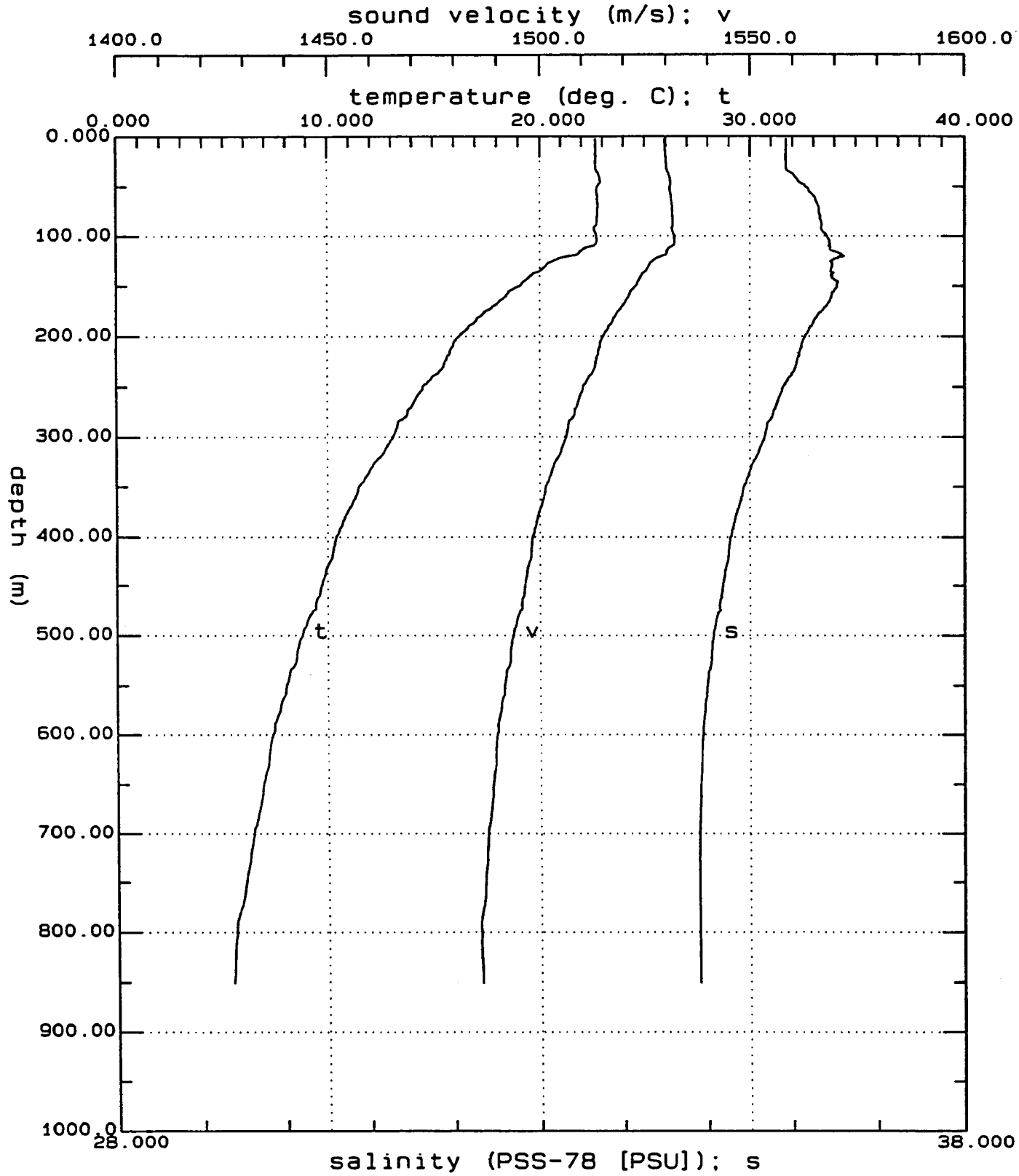
5.5 Vertical Profiles



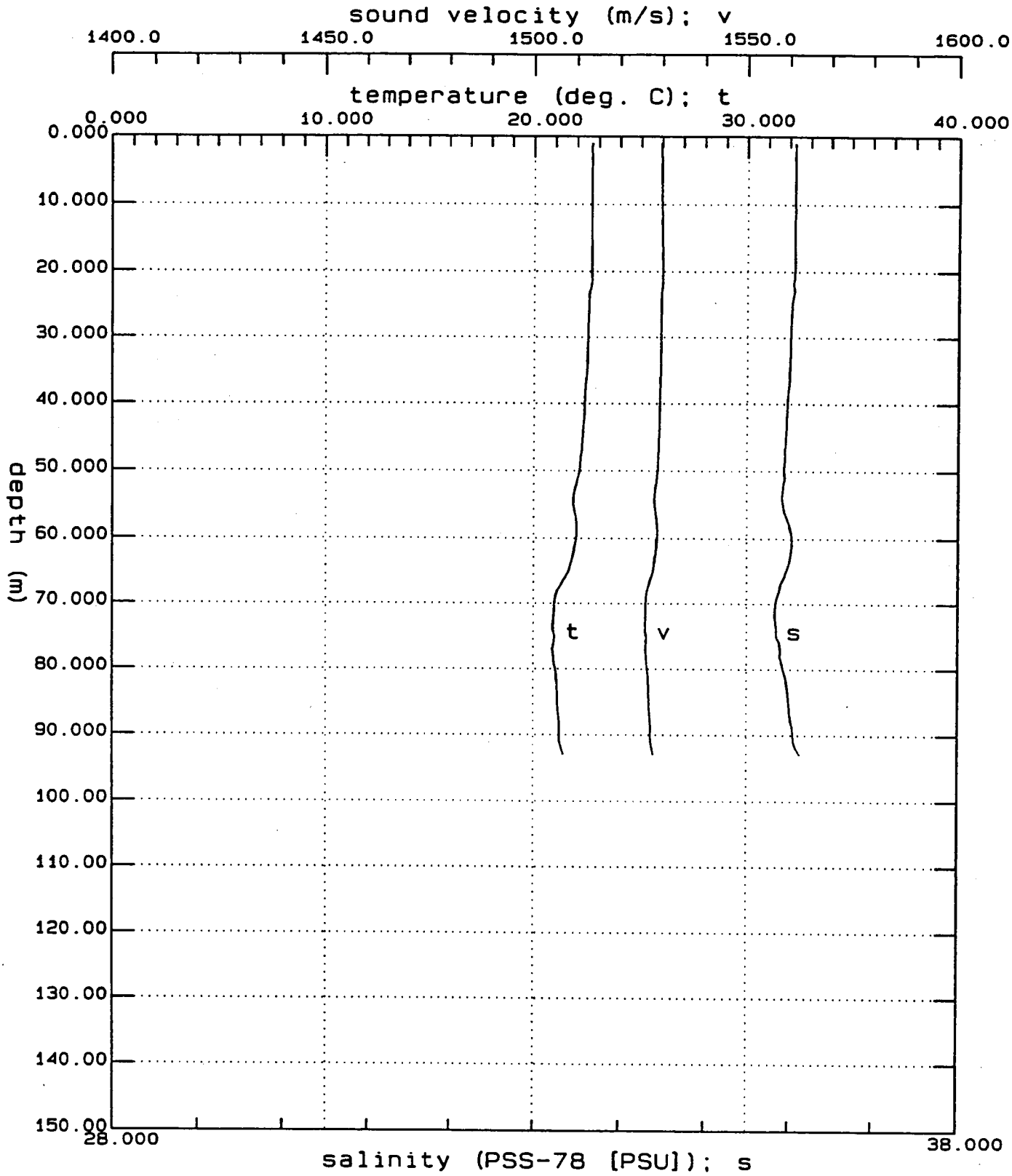
02-010.CNV: Gulfcet Cruise 04



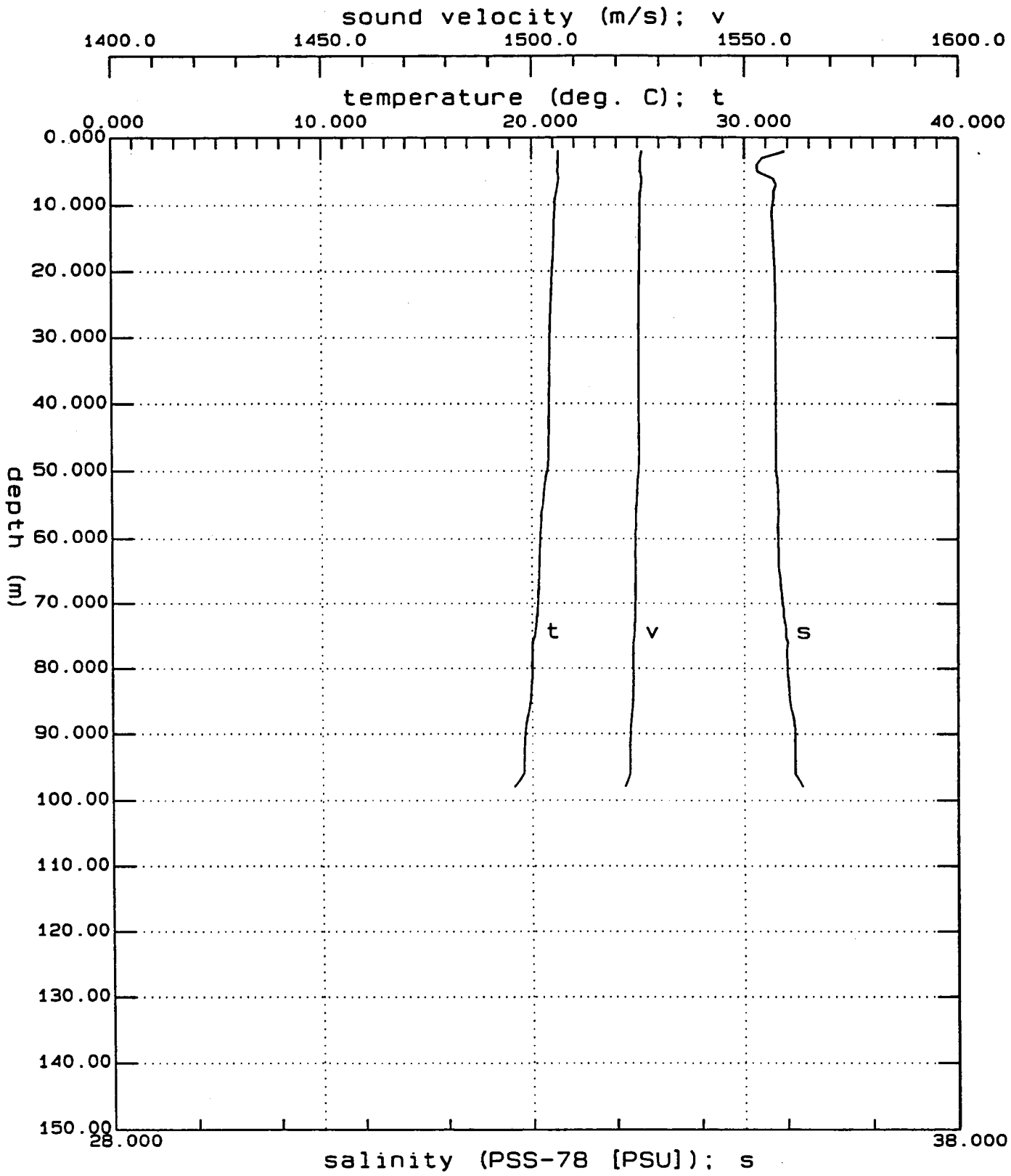
02-013.CNV: Gulfcet Cruise 04



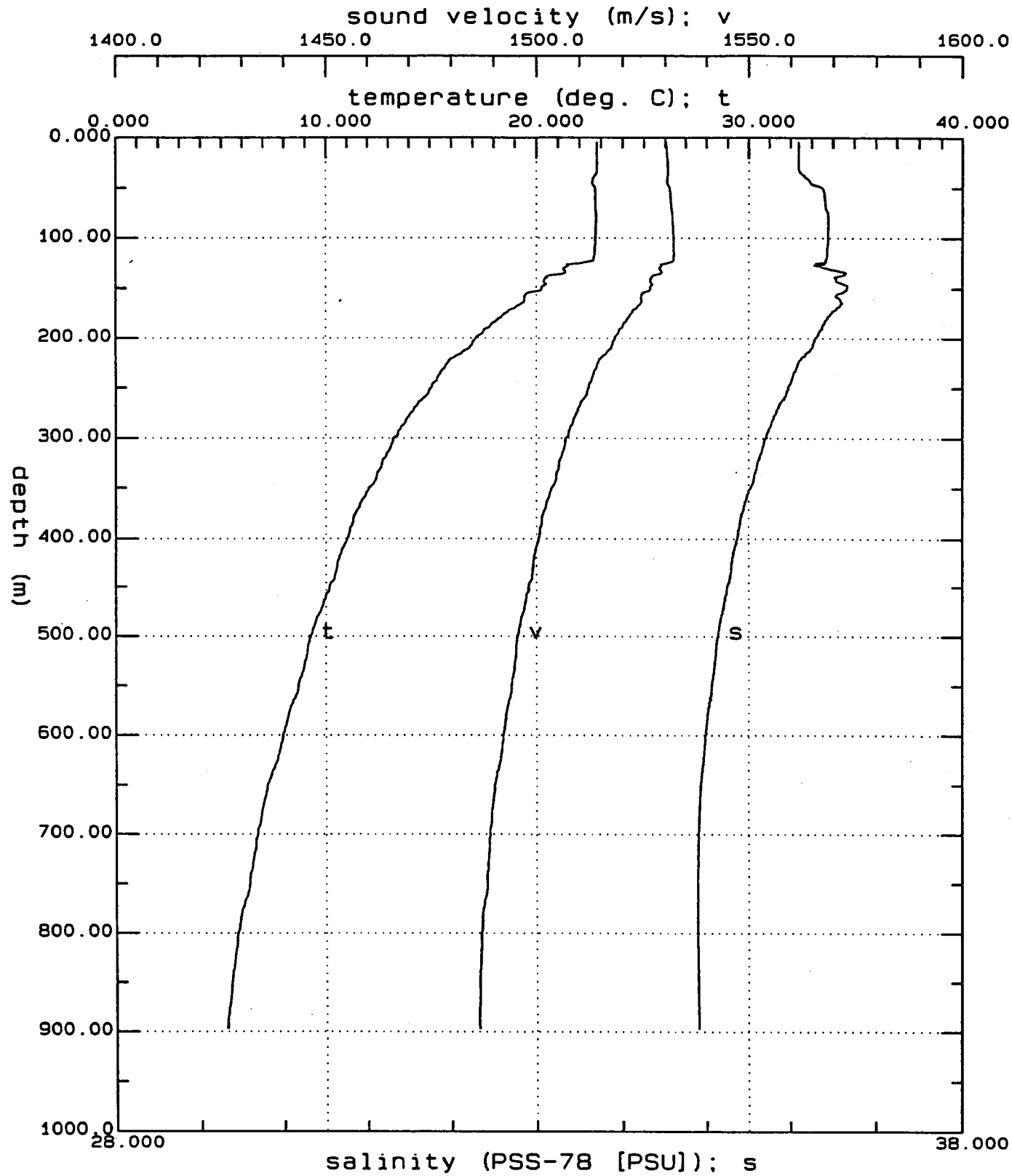
02-015.CNV: Gulfcet Cruise 04



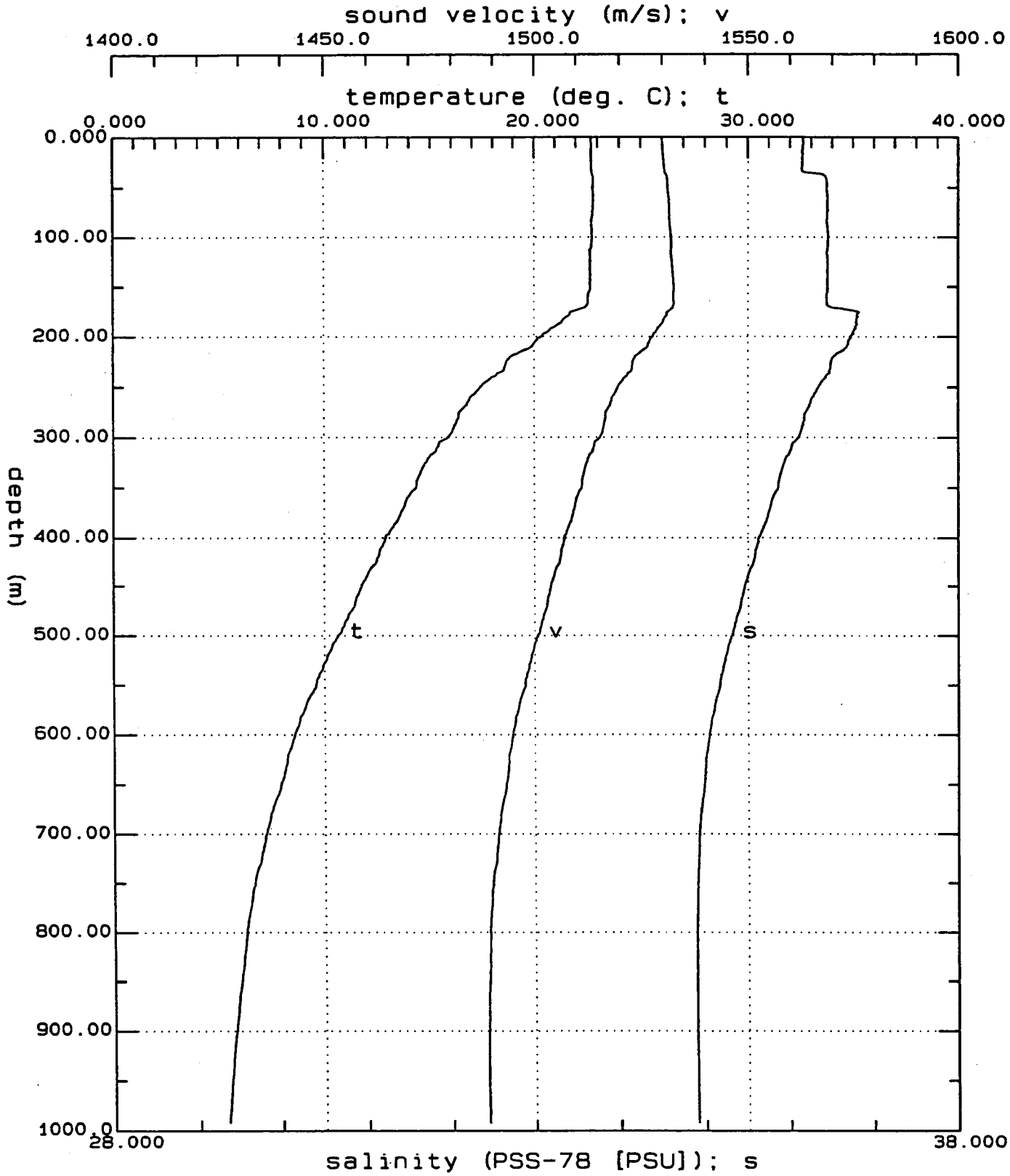
02-020.CNV: Gulfcet Cruise 04



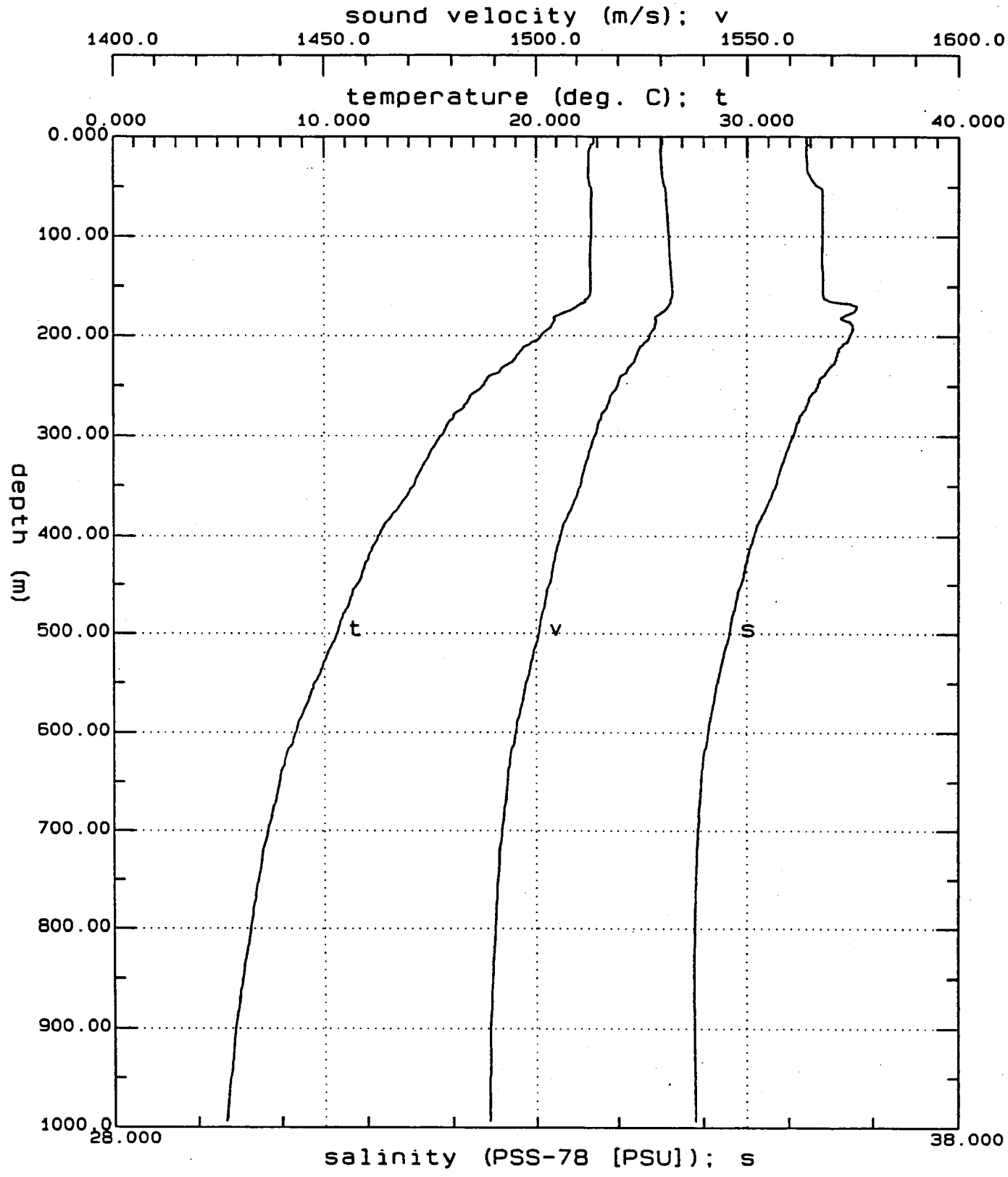
03-021.CNV: Gulfcet Cruise 04



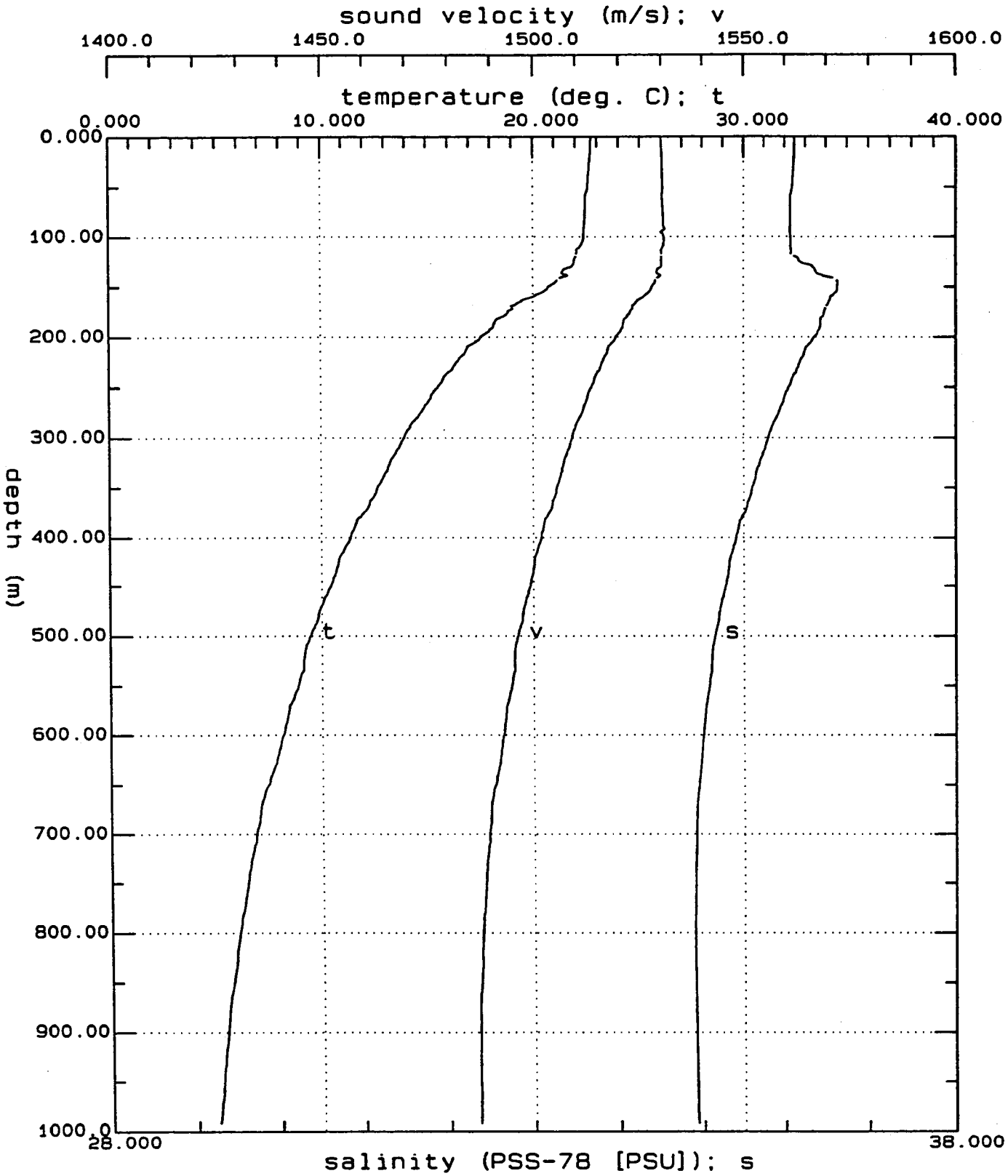
03-026.CNV: Gulfcet Cruise 04



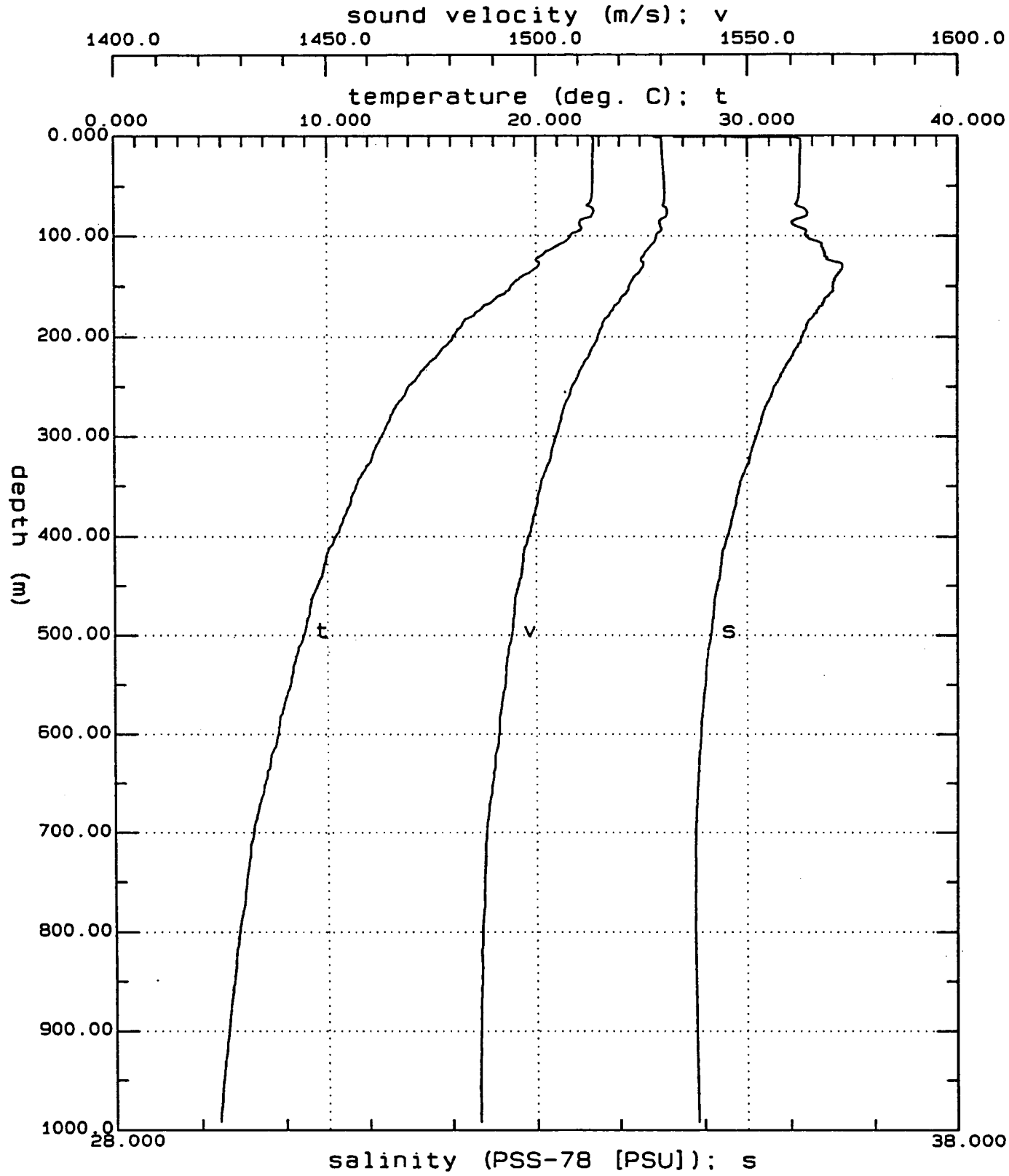
03-029.CNV: Gulfcet Cruise 04



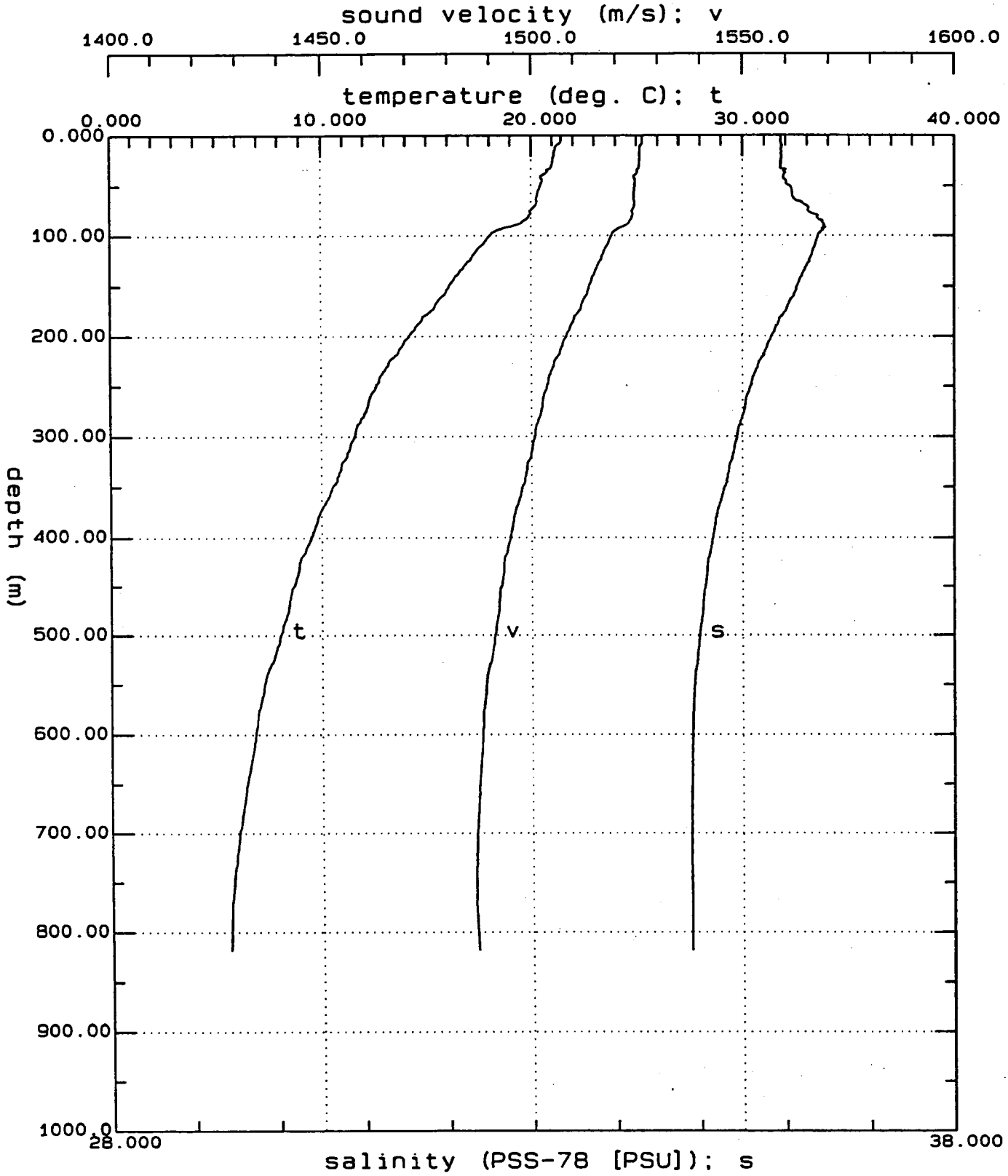
03-030.CNV: Gulfcet Cruise 04



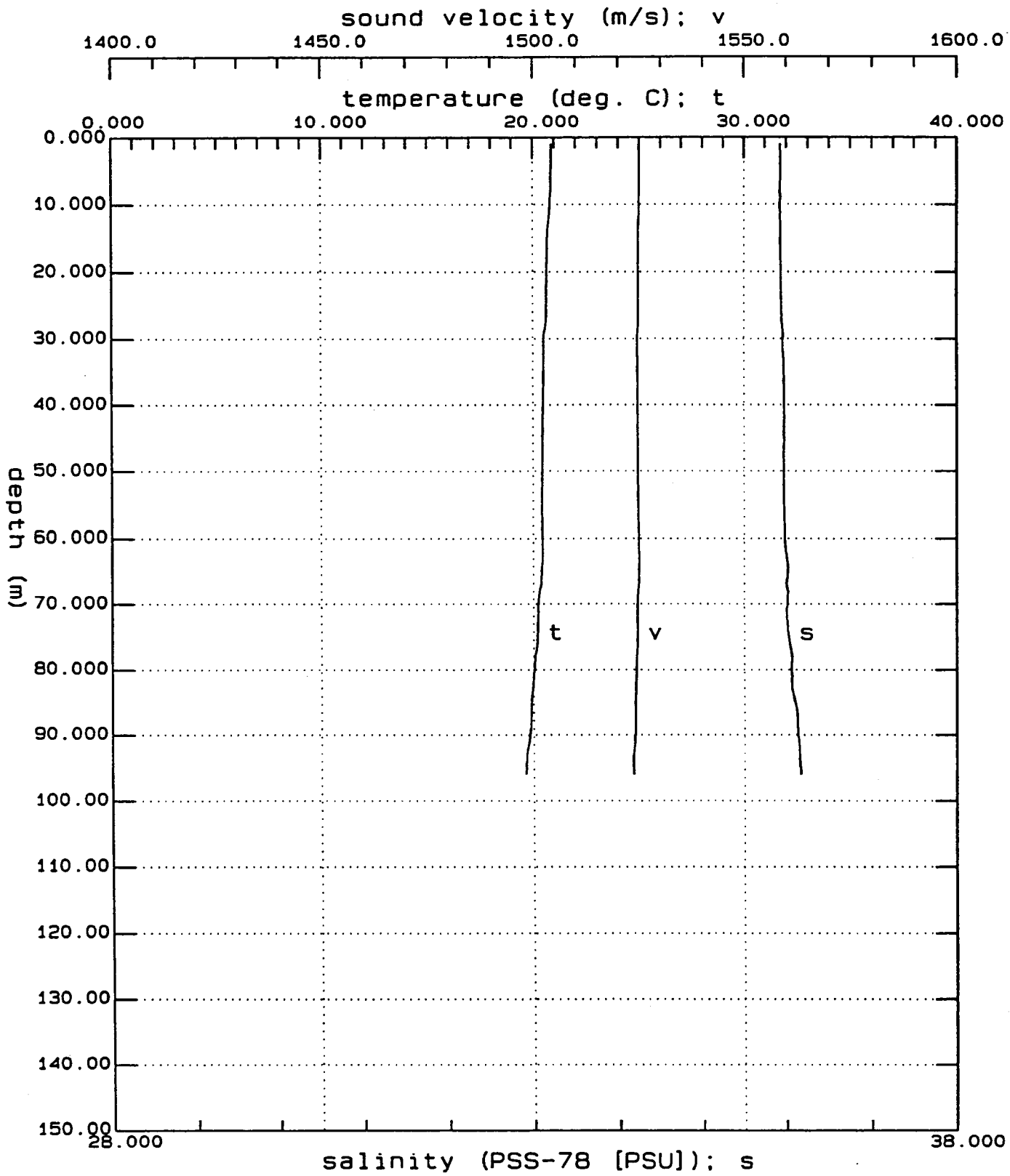
04-031.CNV: Gulfcet Cruise 04



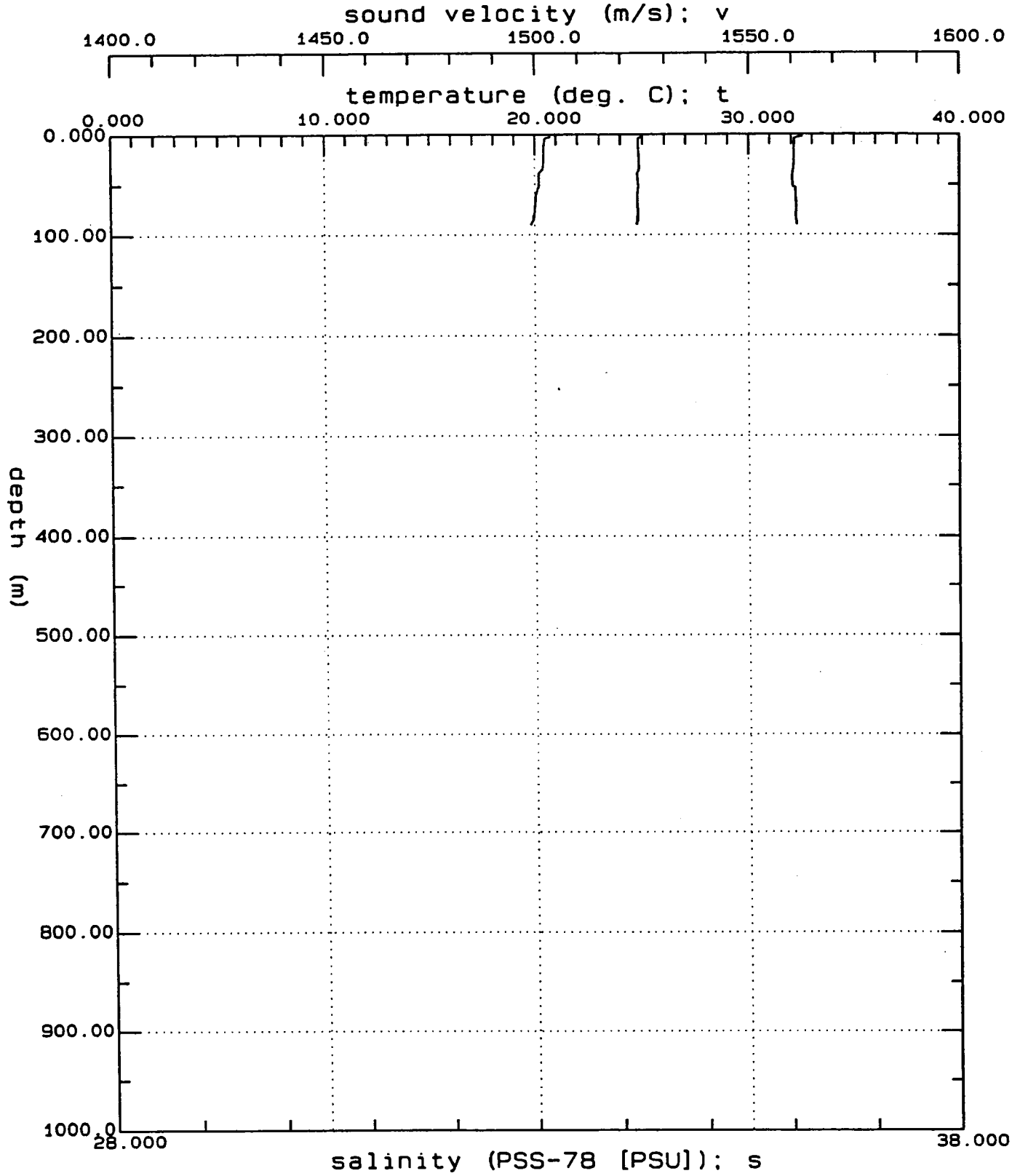
04-033.CNV: Gulfcet Cruise 04



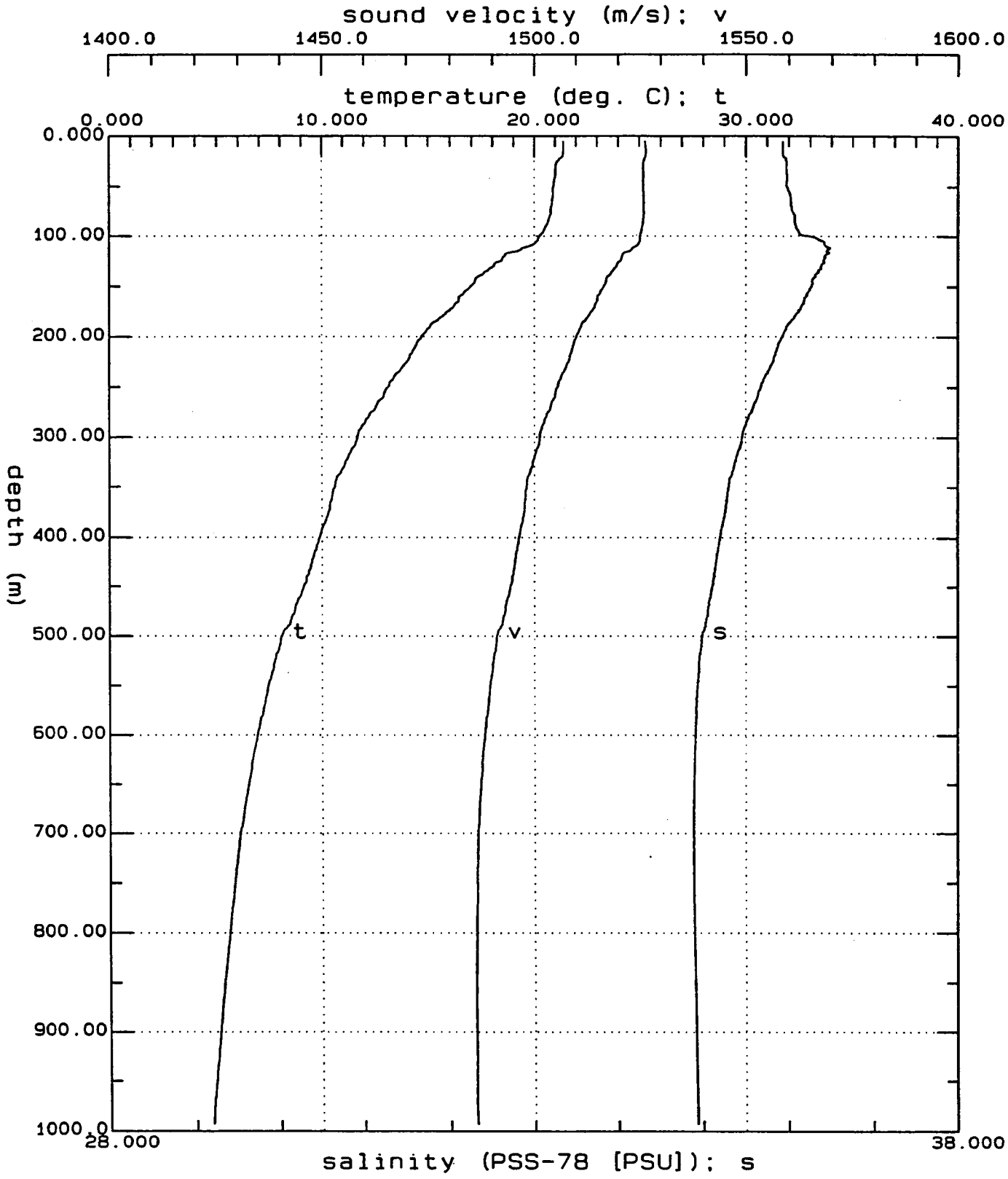
04-036.CNV: Gulfcet Cruise 04



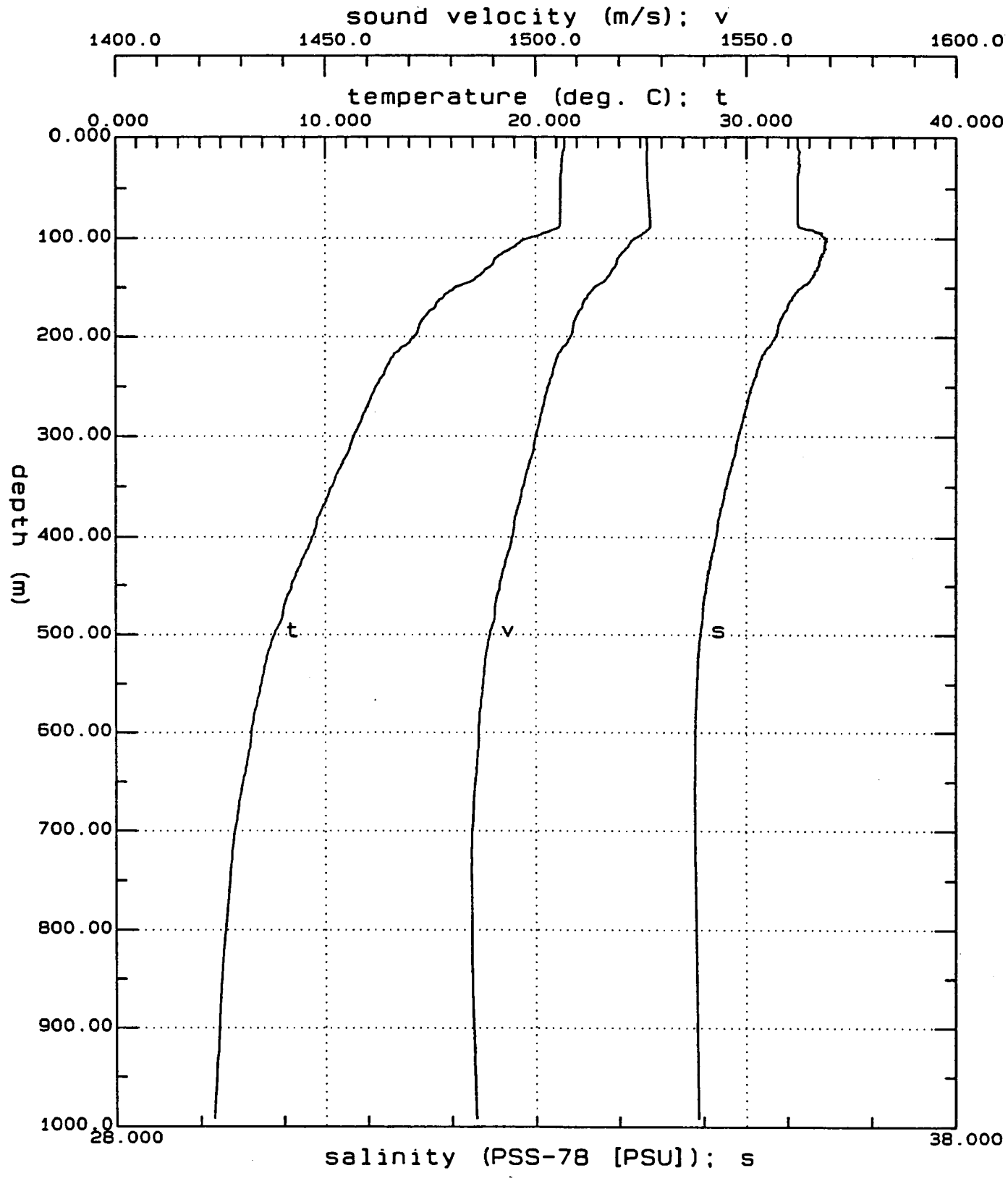
04-042.CNV: Gulfcet Cruise 04



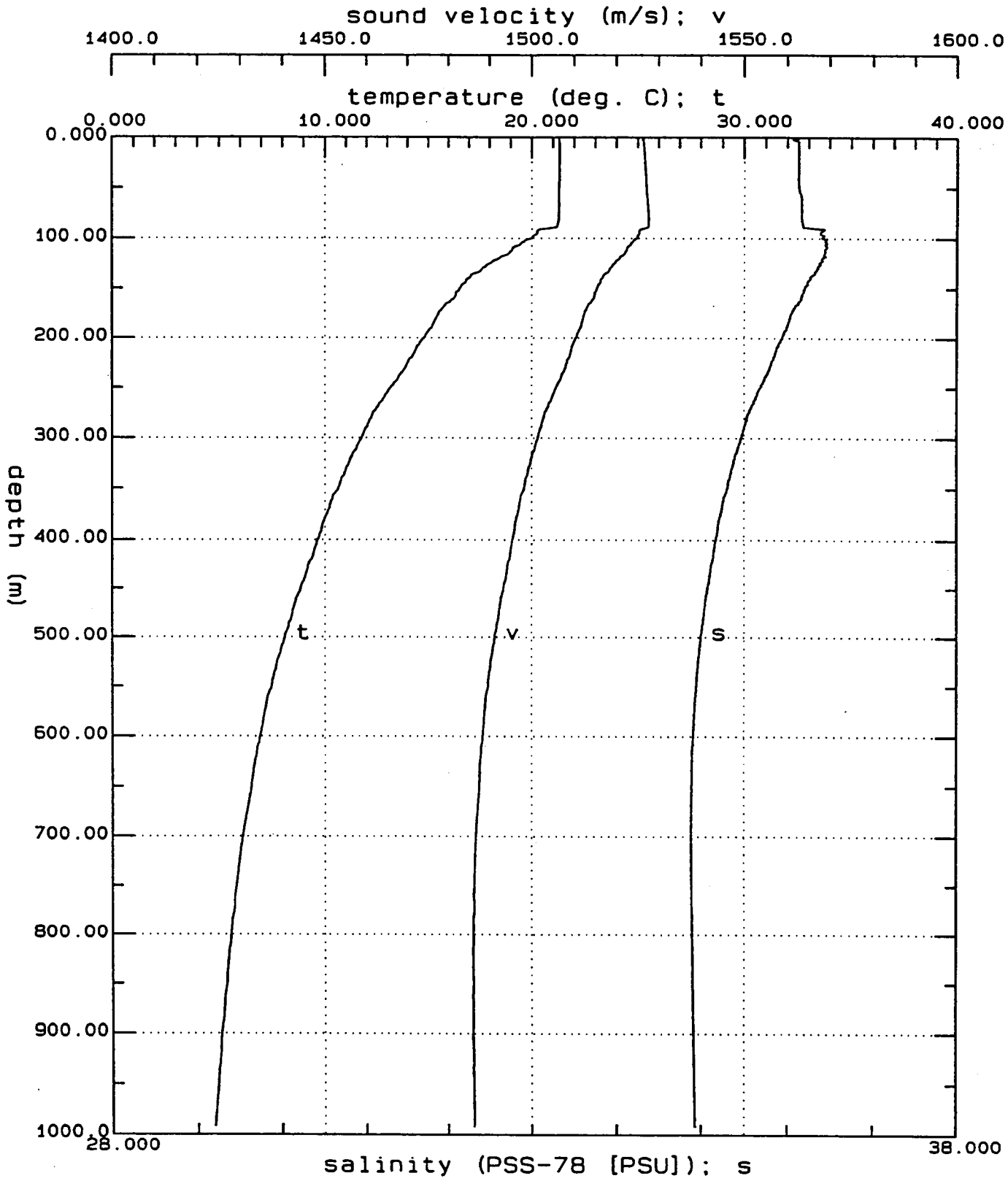
05-047.CNV: Gulfcet Cruise 04



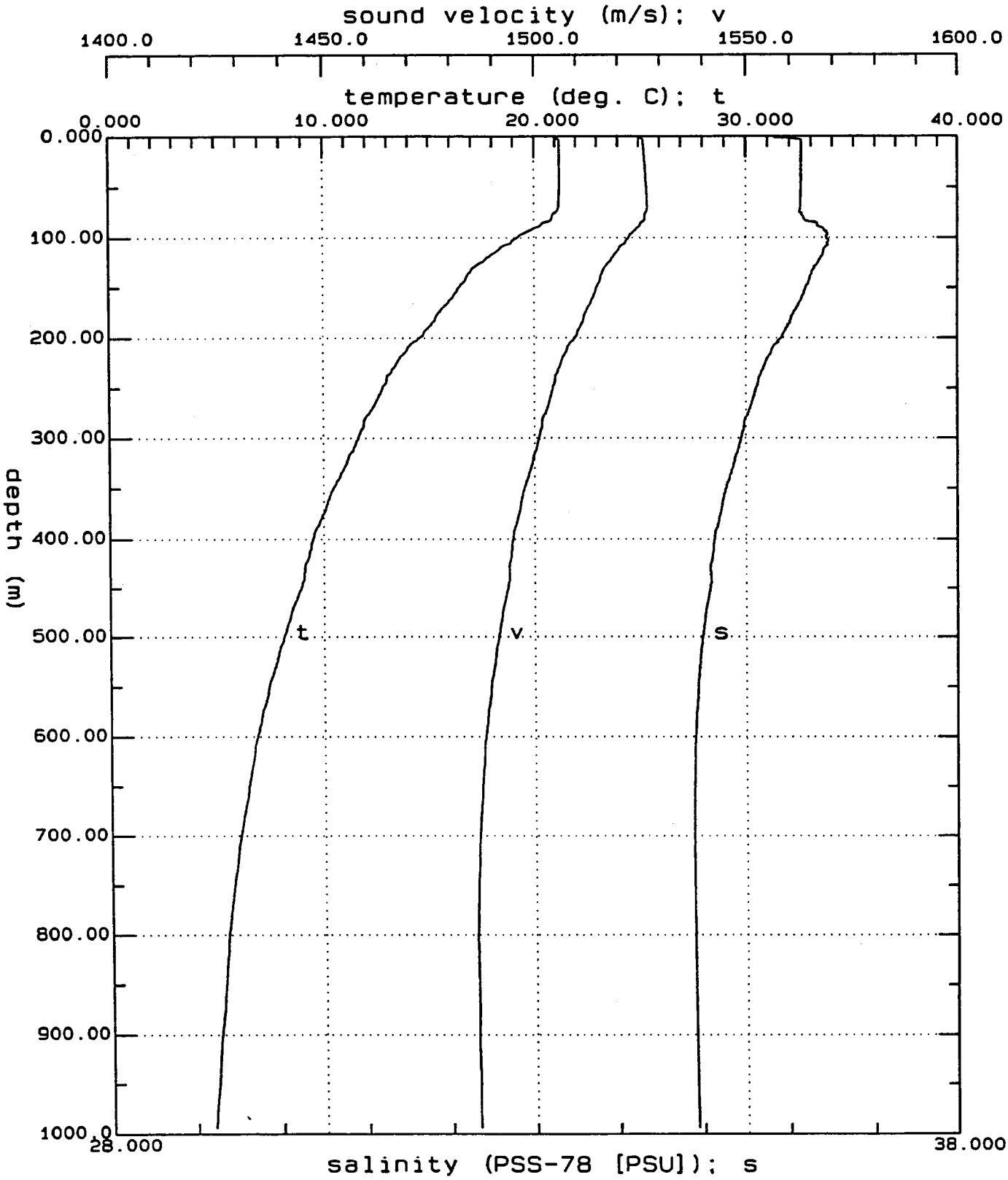
05-050.CNV: Gulfcet Cruise 04



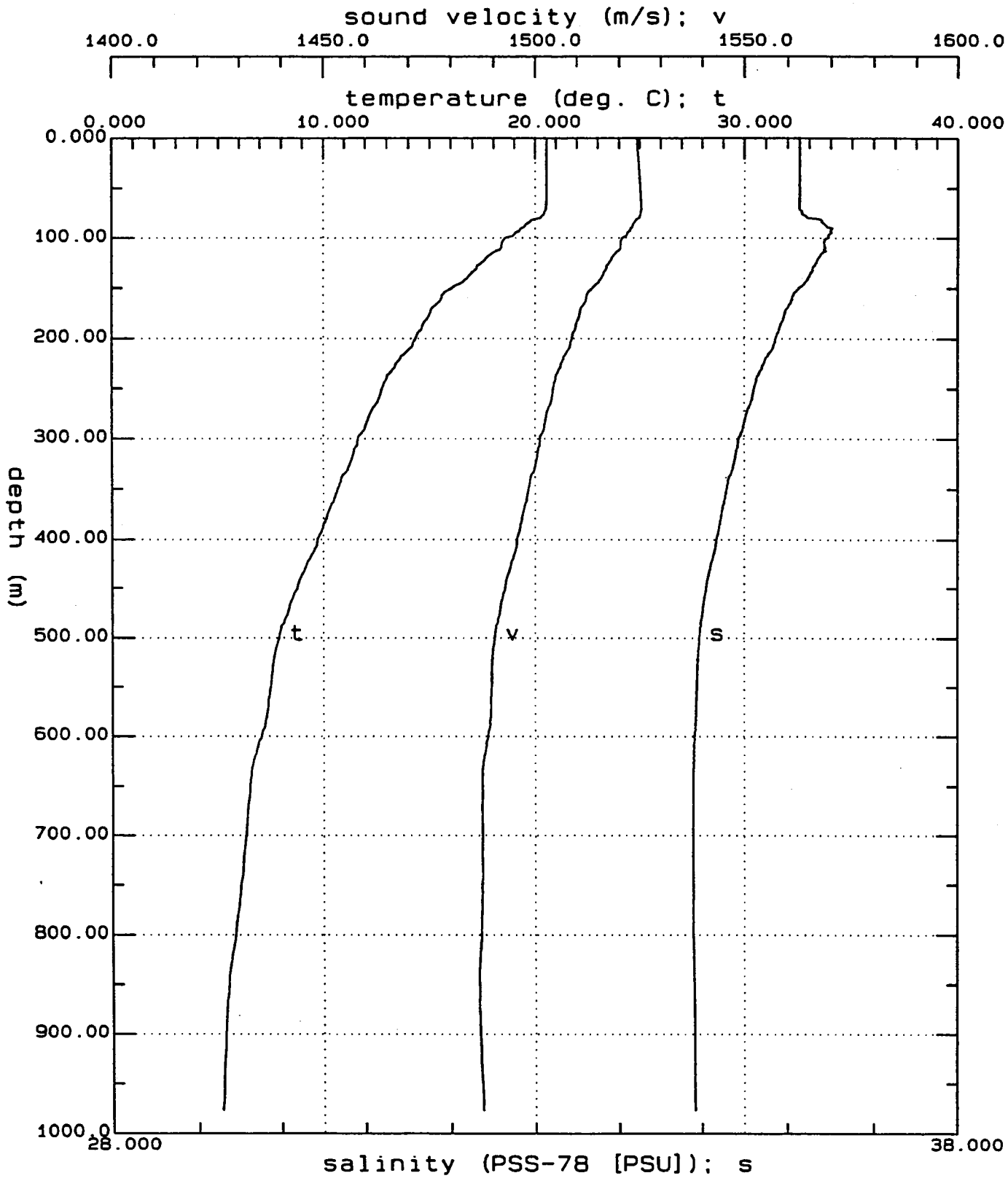
05-053.CNV: Gulfcet Cruise 04



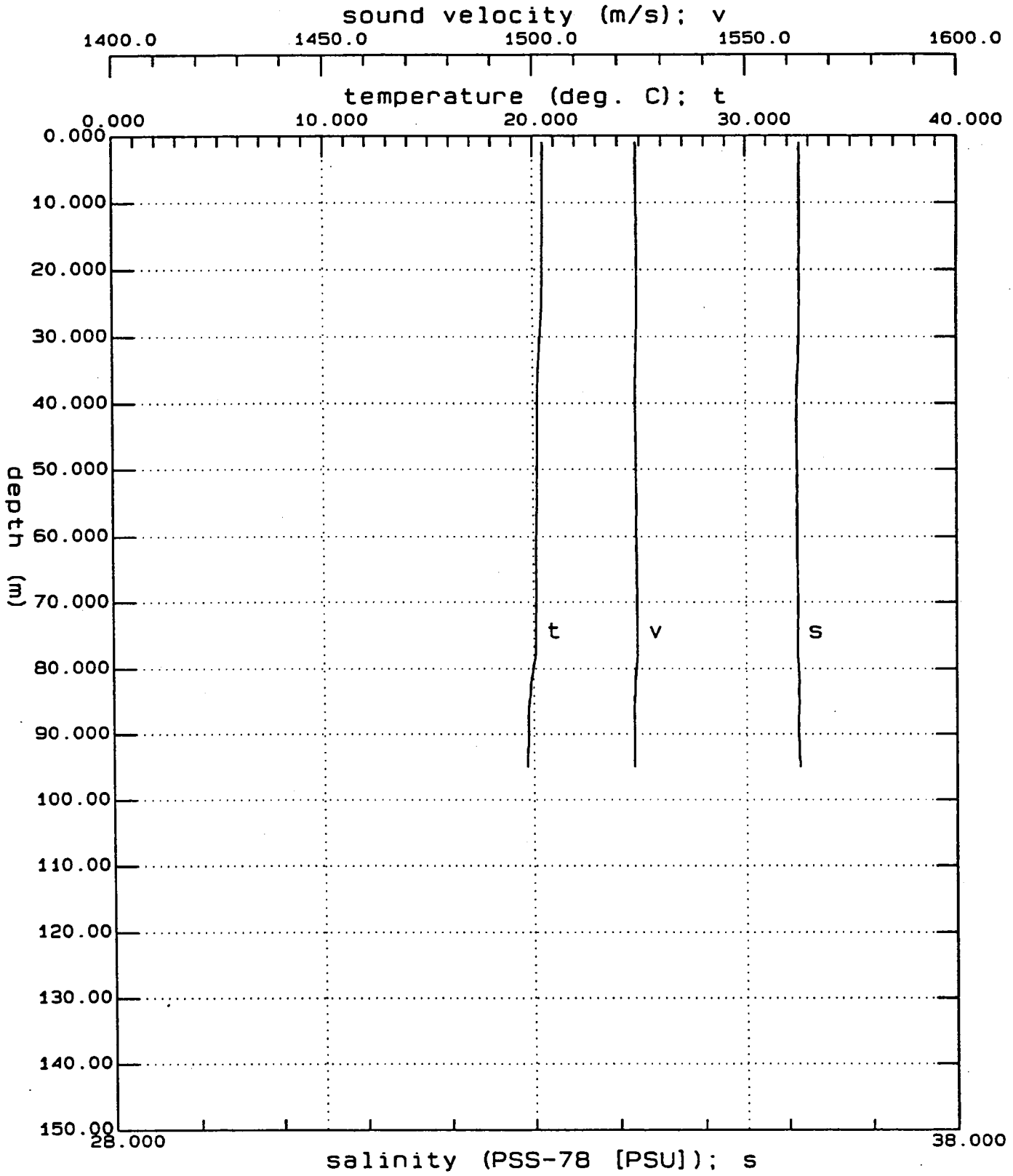
06-054.CNV: Gulfcet Cruise 04



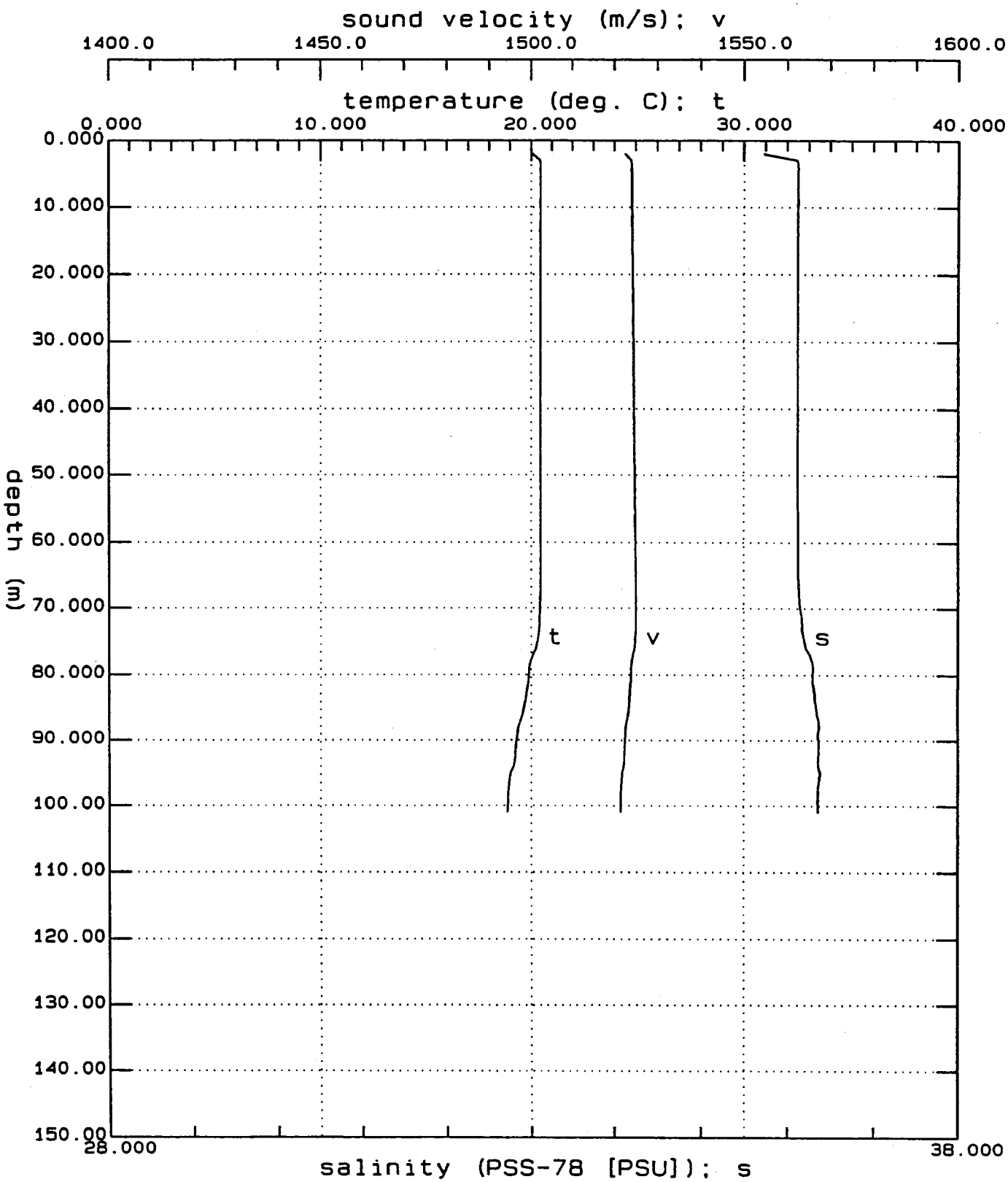
06-055.CNV: Gulfcet Cruise 04



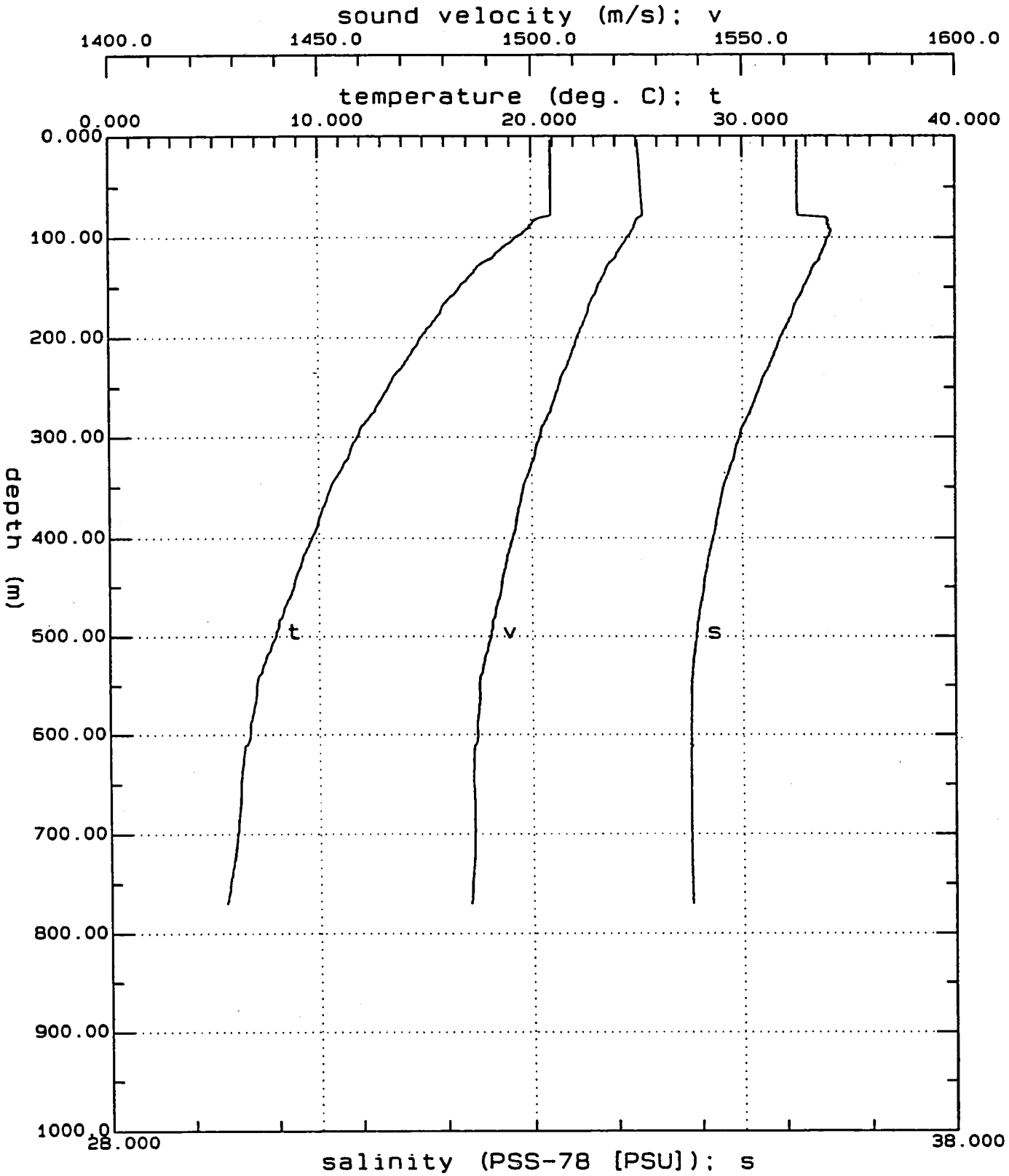
06-059.CNV: Gulfcet Cruise 04



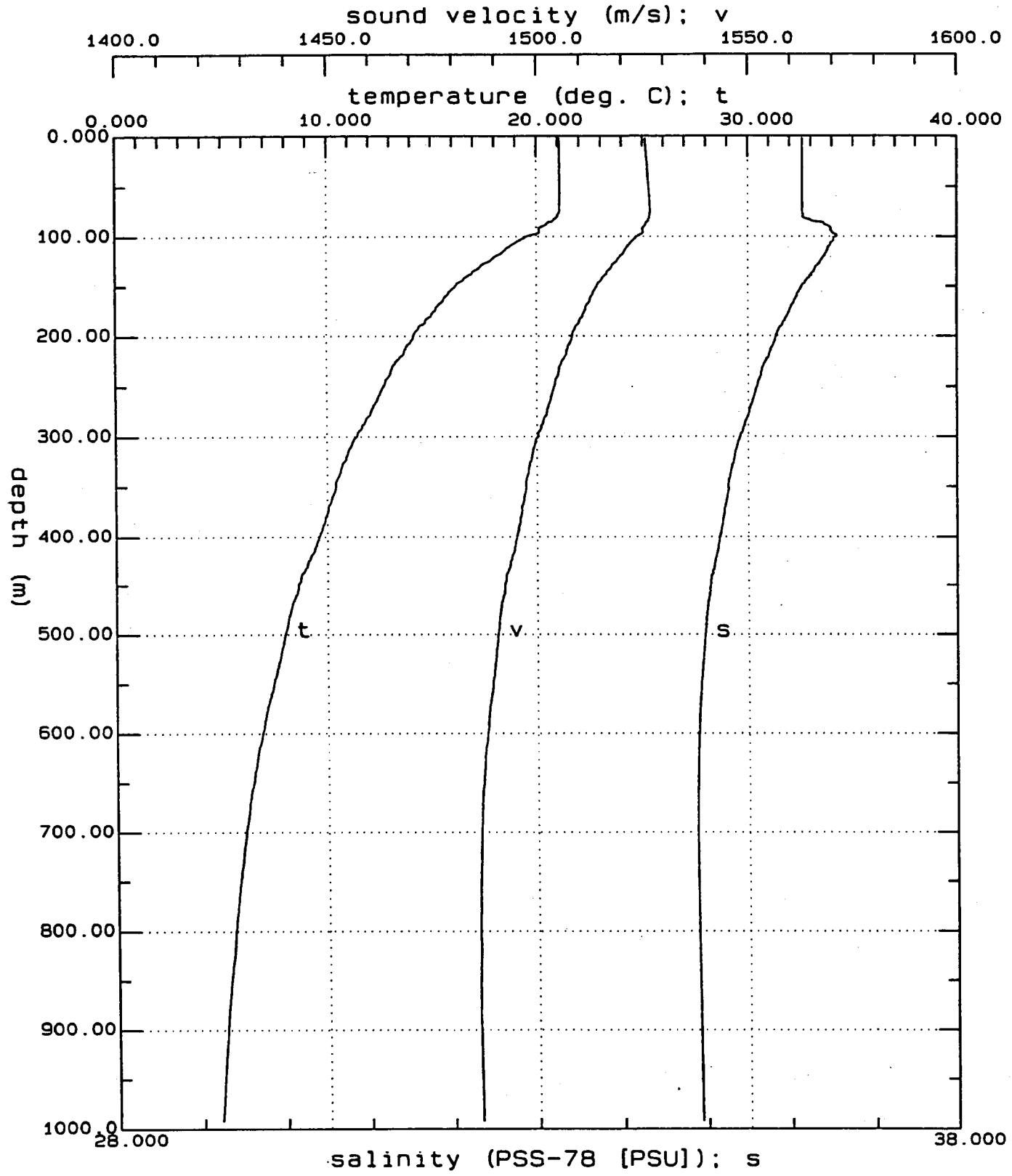
06-064.CNV: Gulfcet Cruise 04



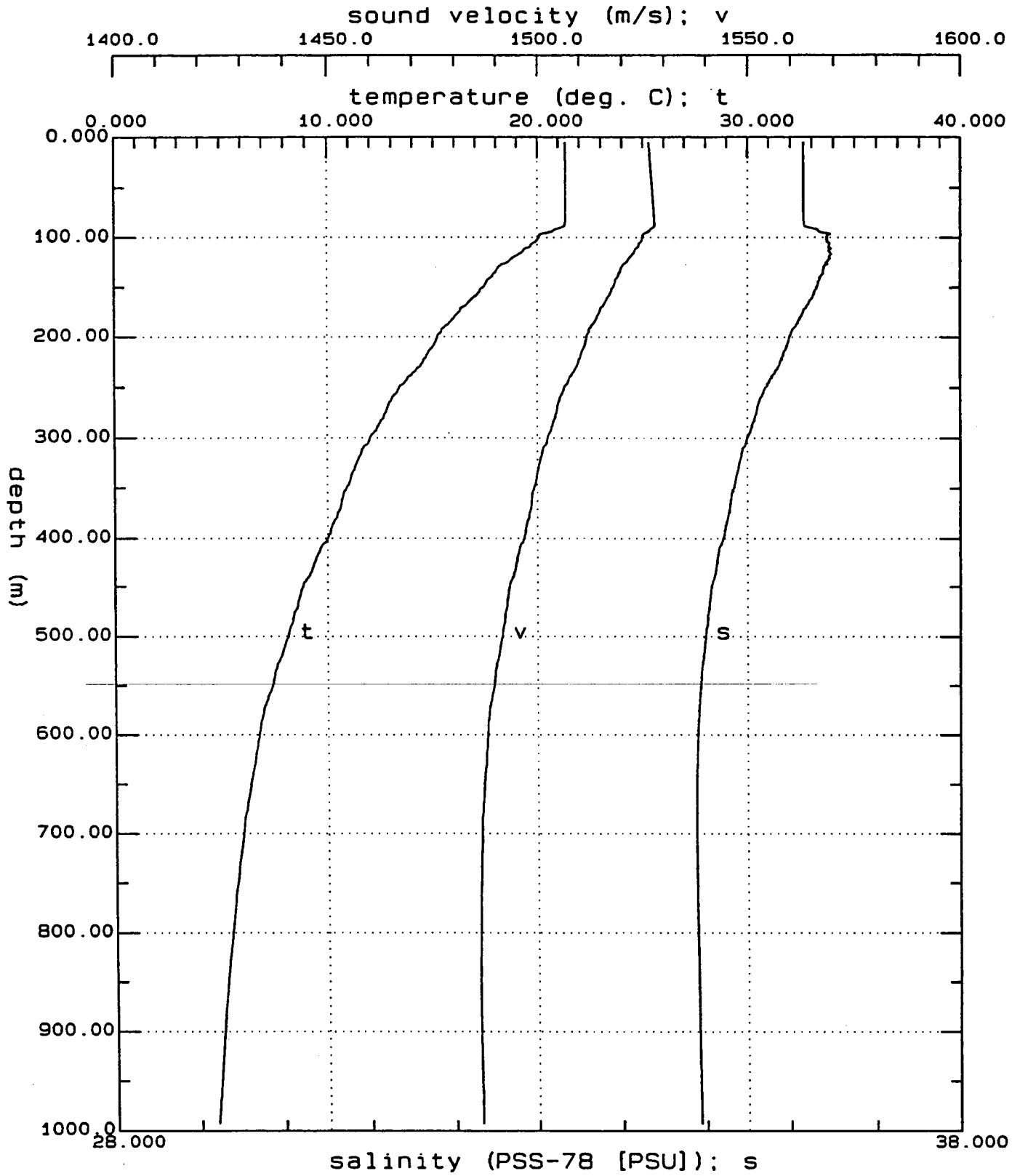
07-065.CNV: Gulfcet Cruise 04



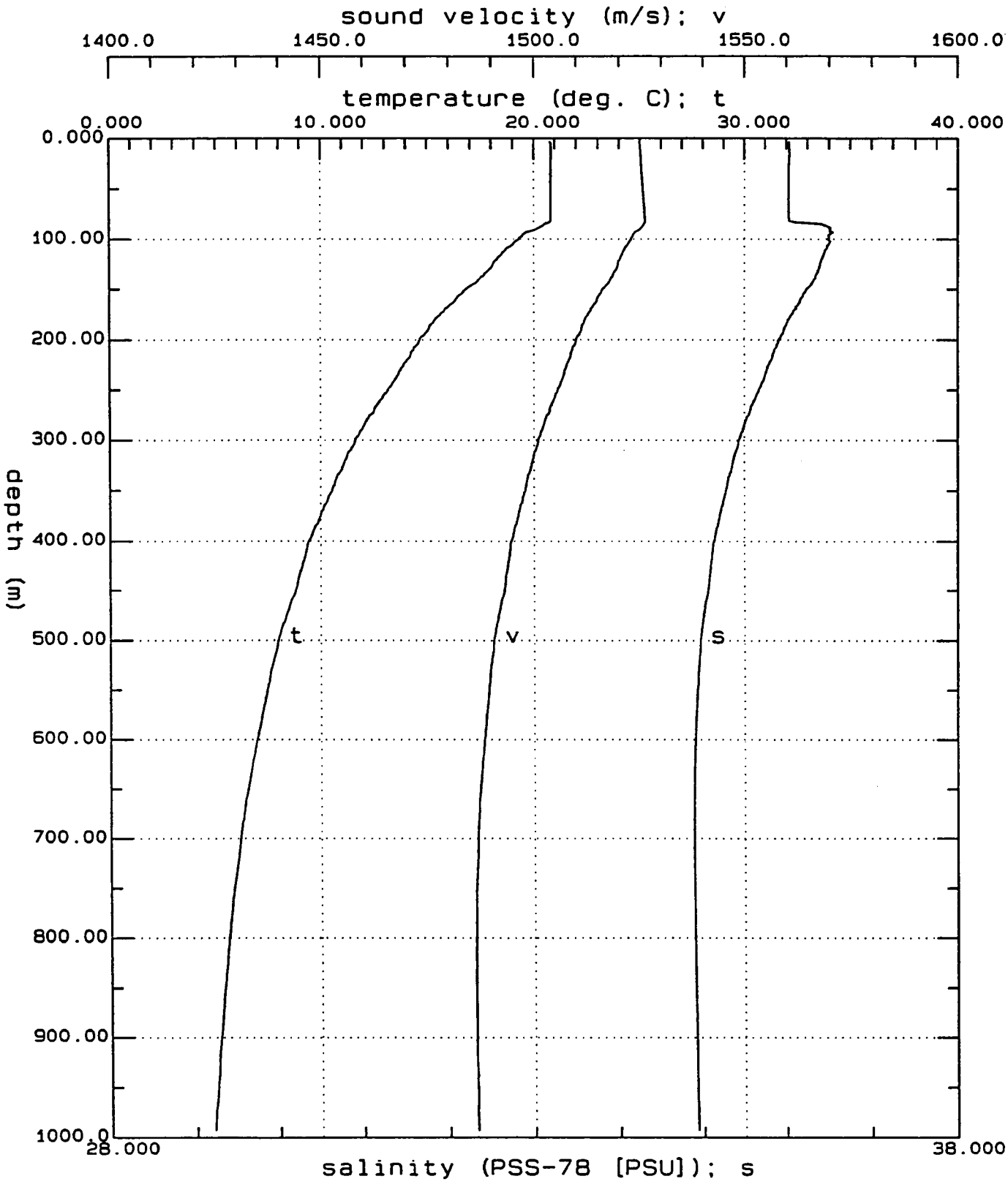
07-071.CNV: Gulfcet Cruise 04



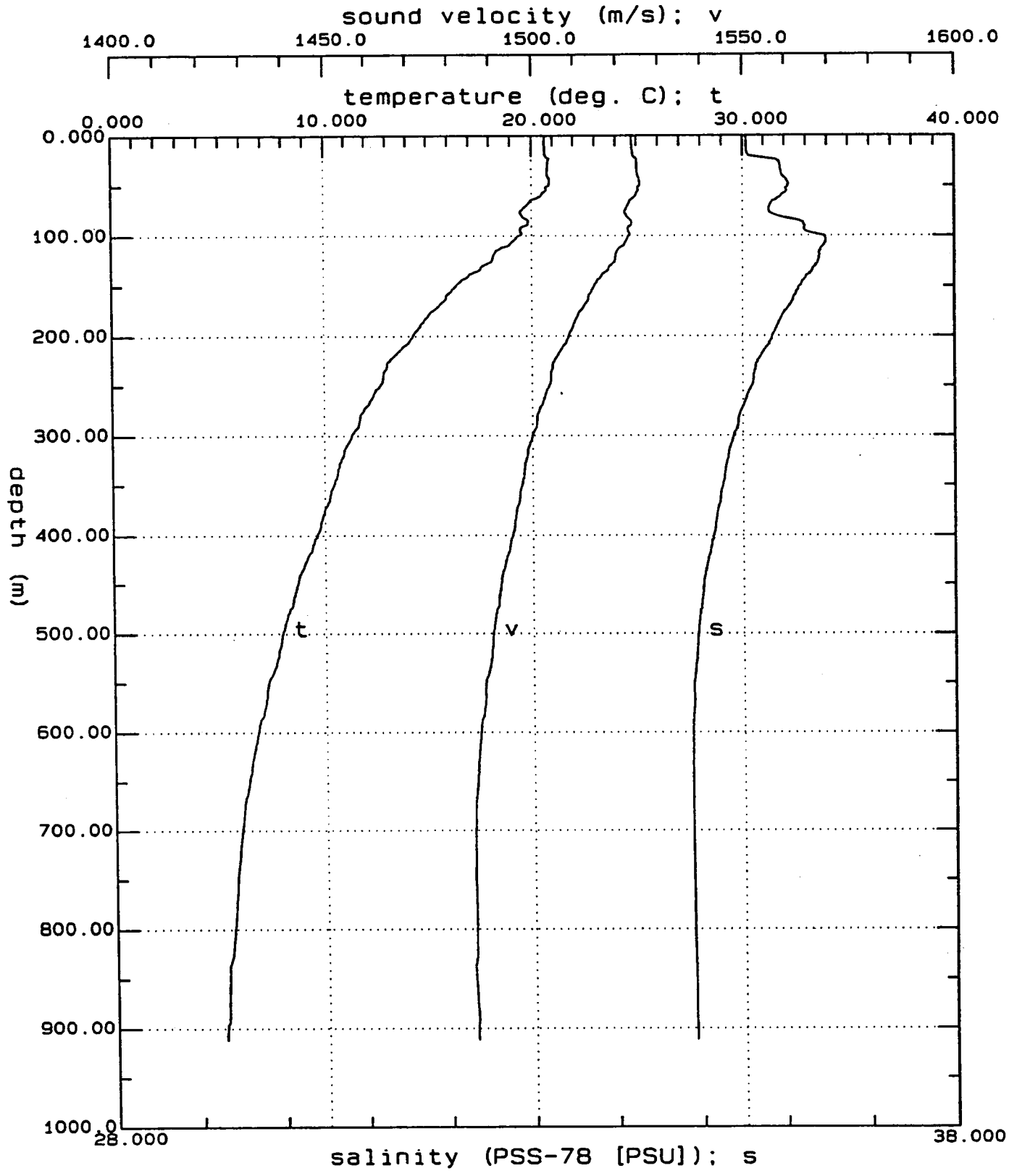
07-073.CNV: Gulfcet Cruise 04



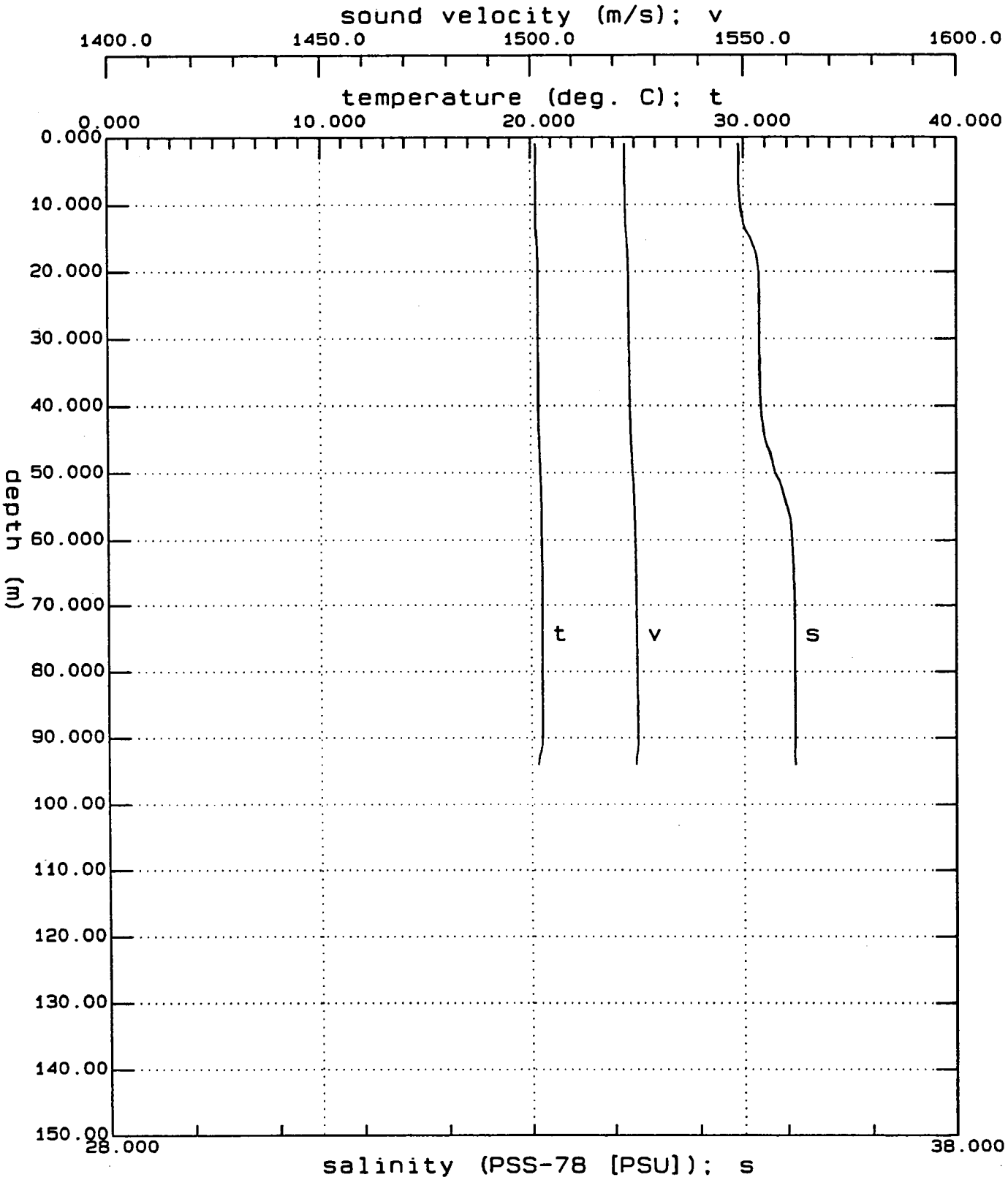
07-075.CNV: Gulfcet Cruise 04



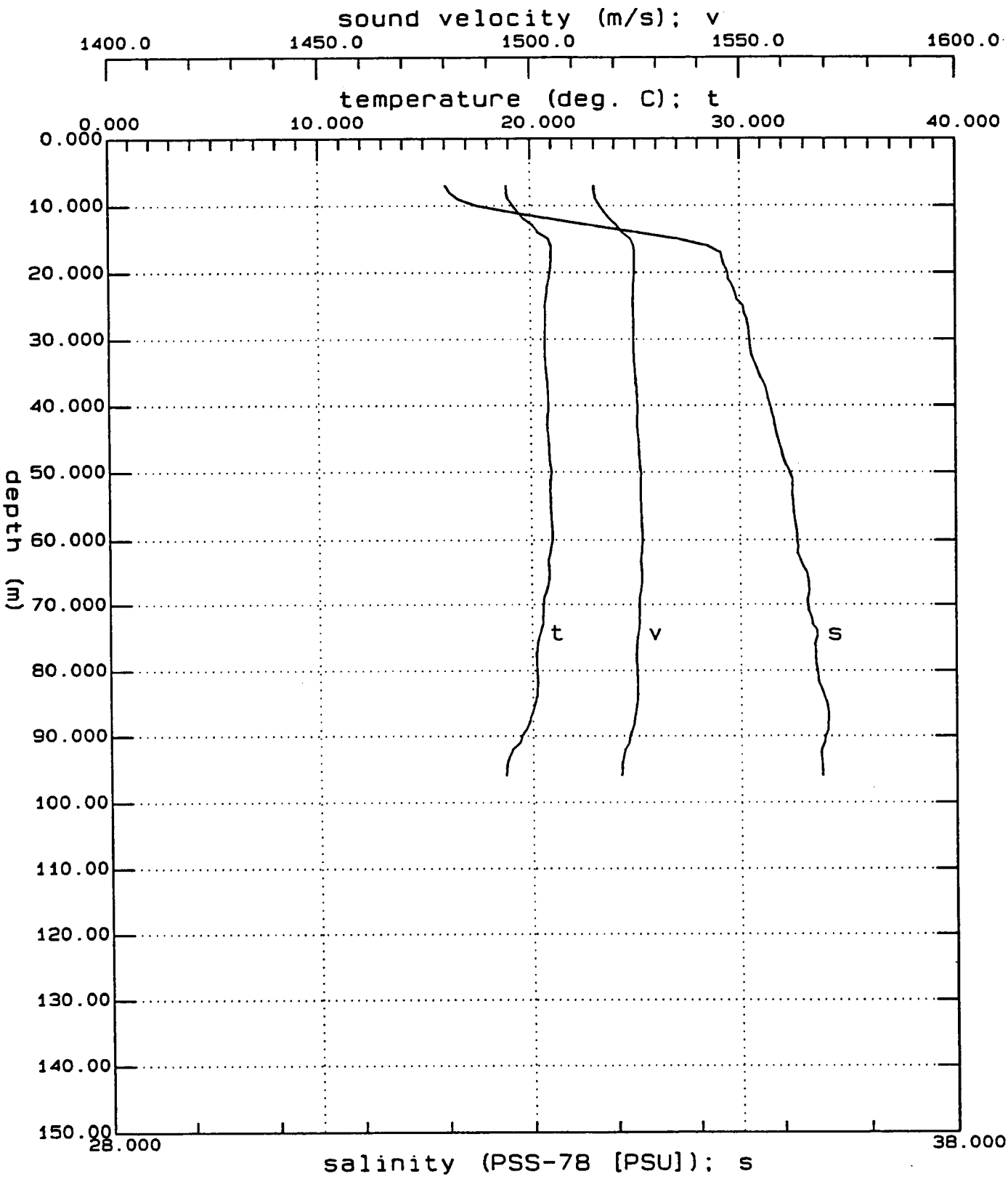
08-076.CNV: Gulfcet Cruise 04



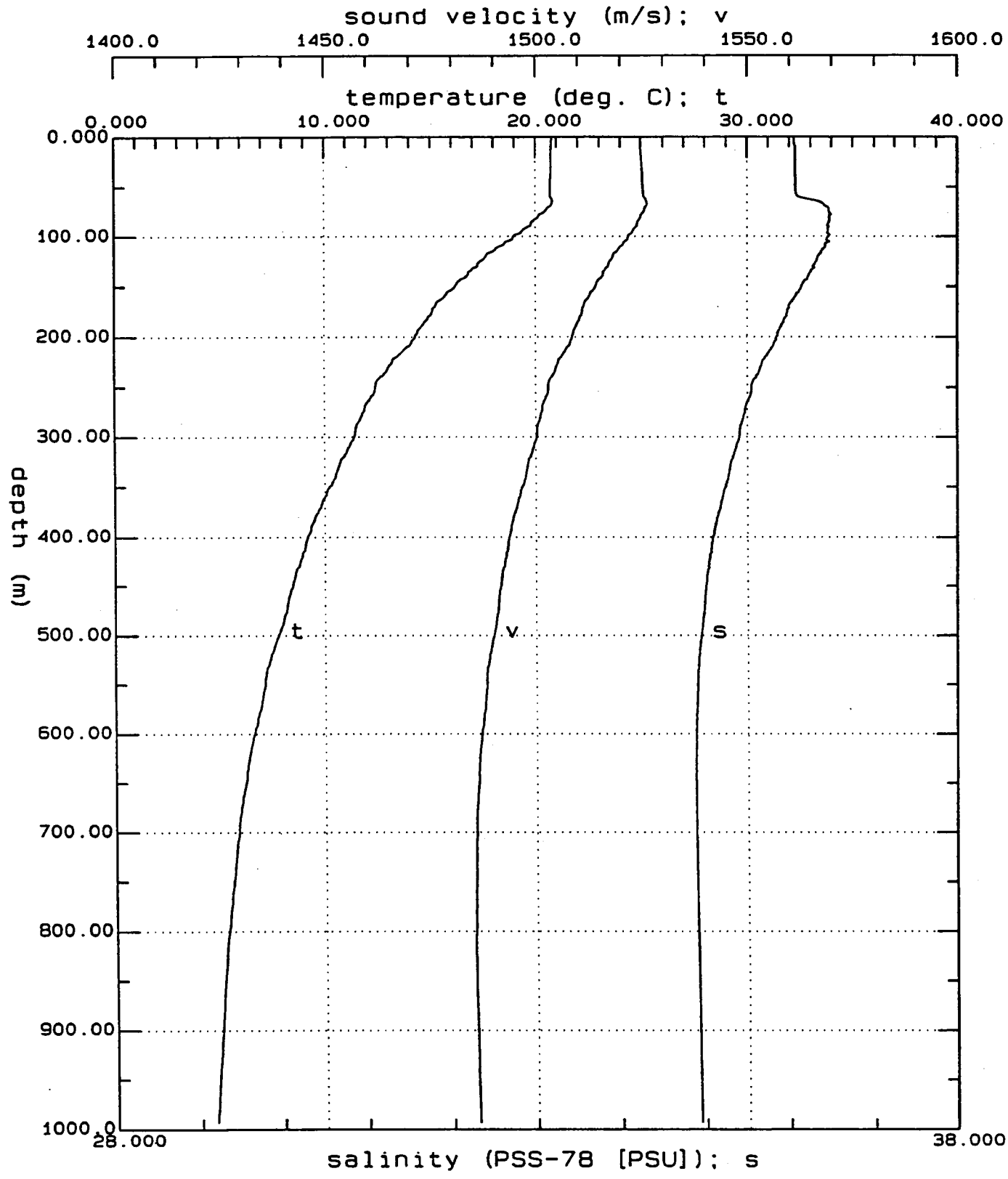
08-080.CNV: Gulfcet Cruise 04



08-086.CNV: Gulfcet Cruise 04



09-087.CNV: Gulfcet Cruise 04



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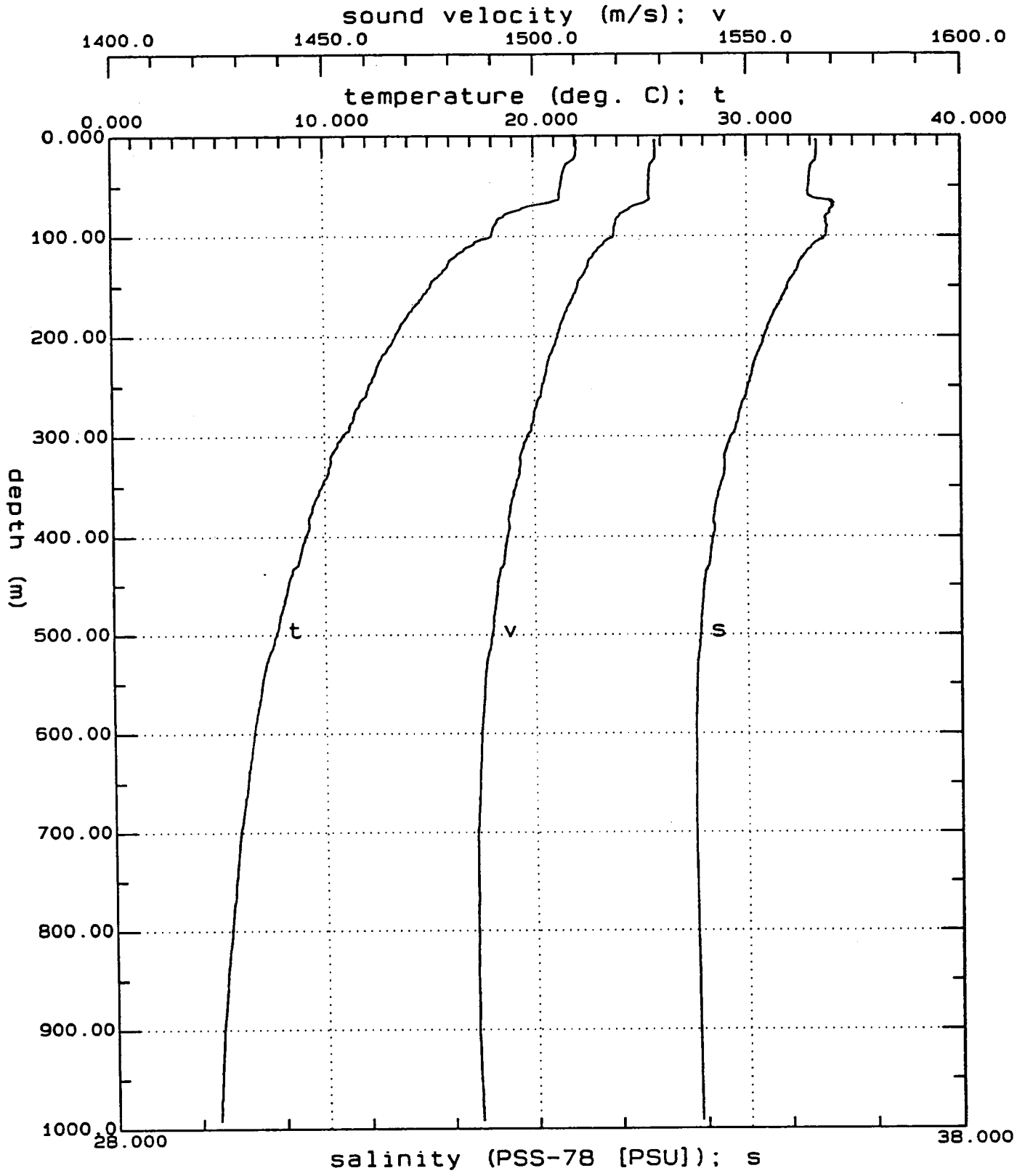
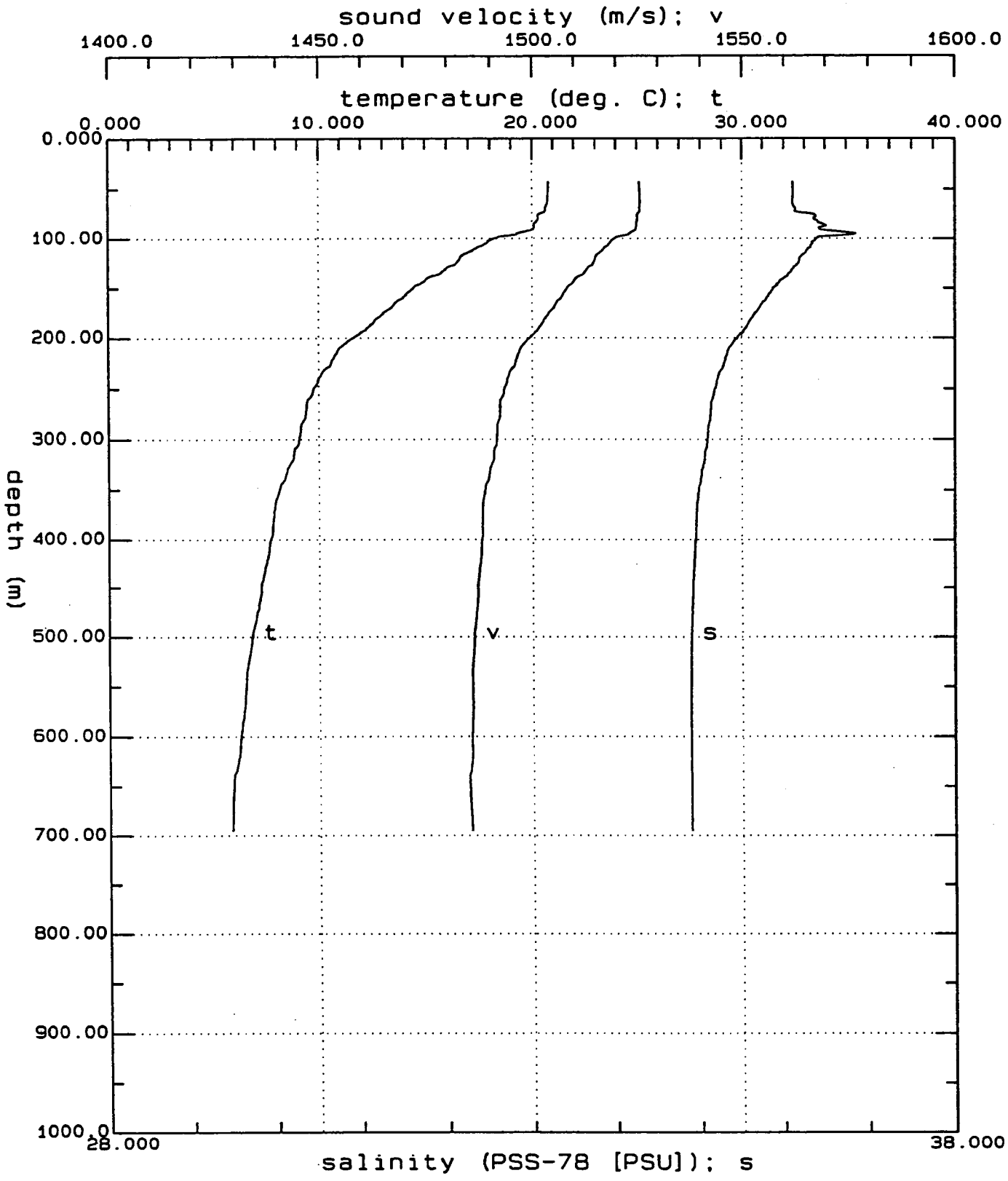
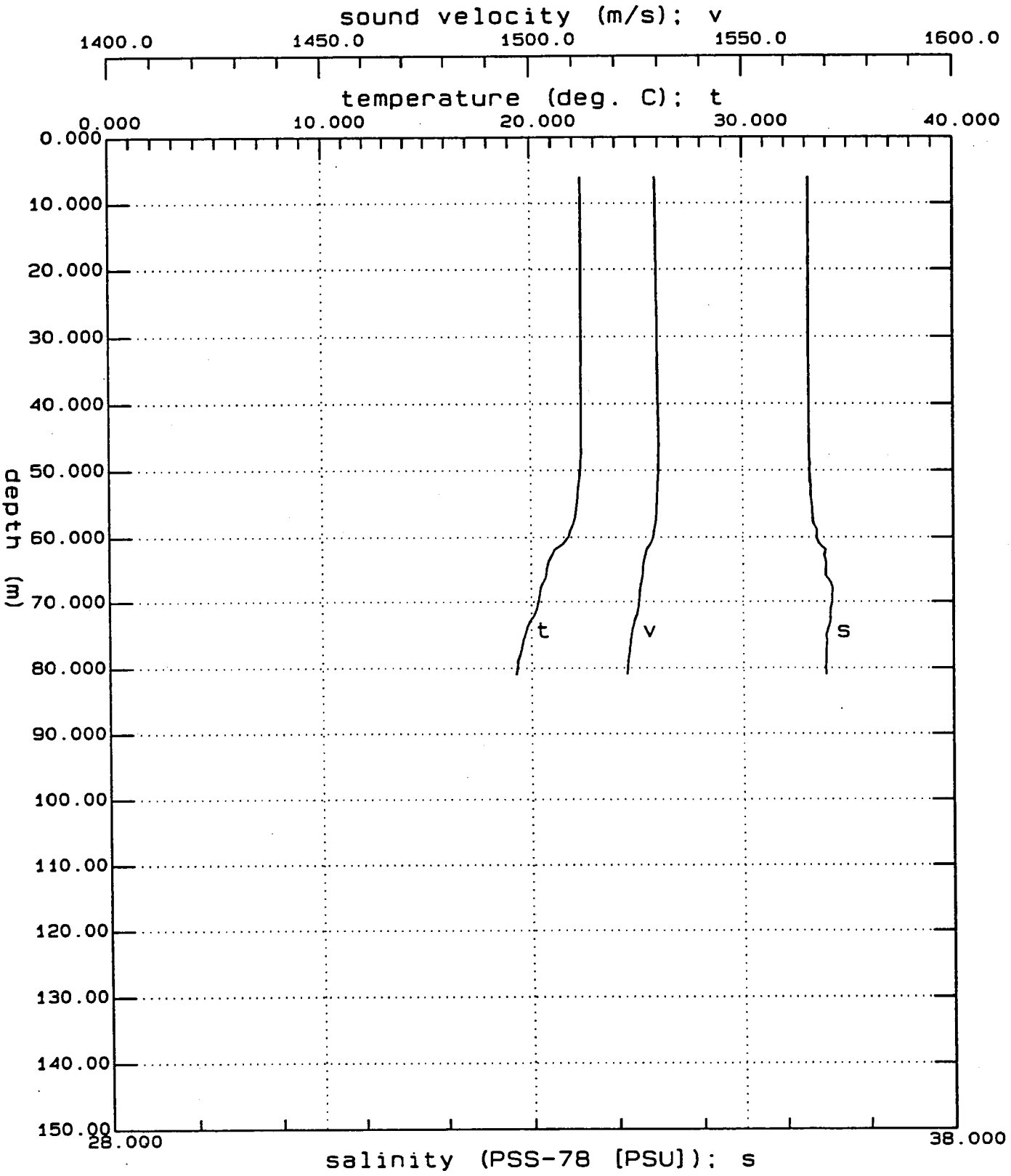


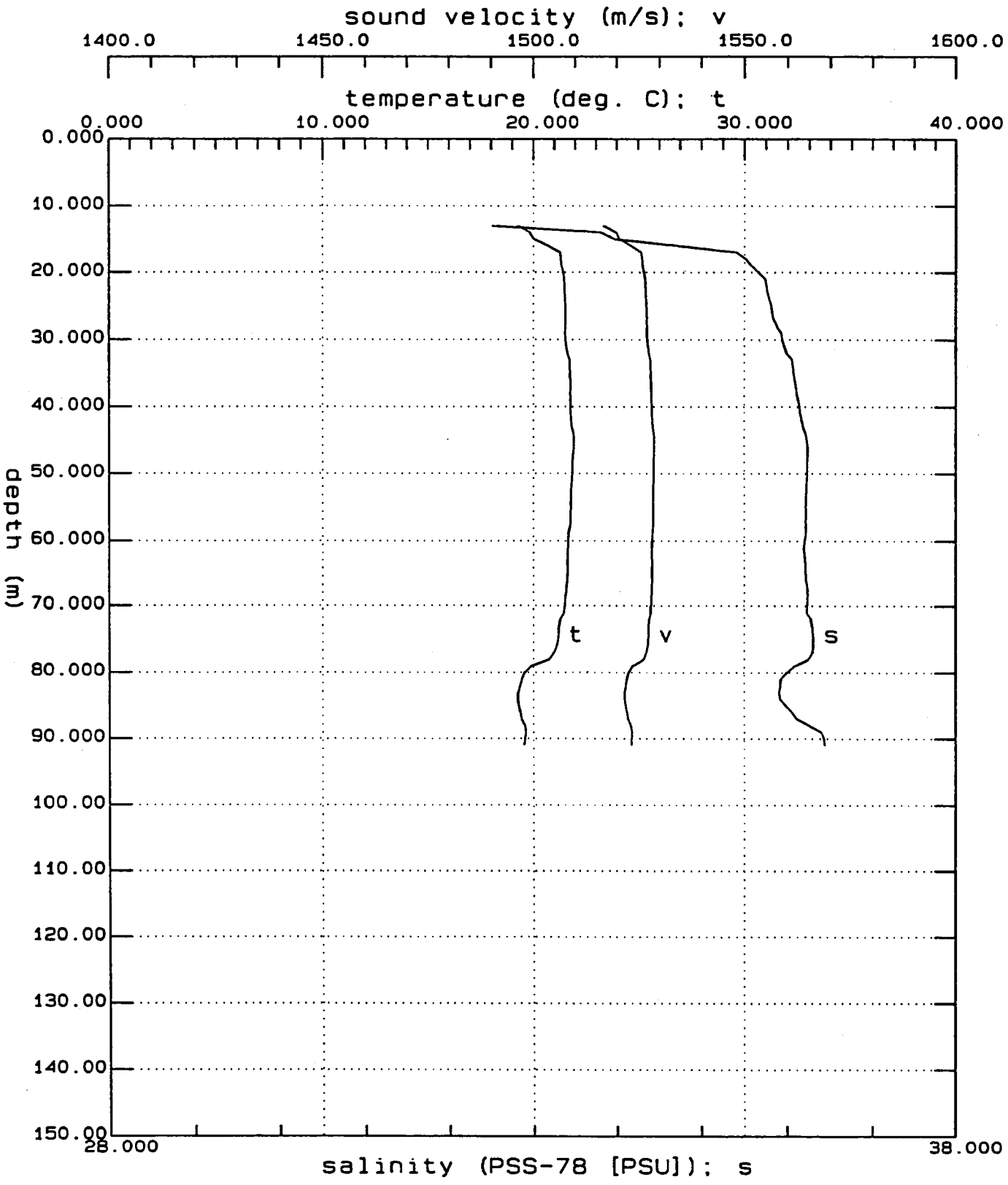
10-097.CNV: Gulfcet Cruise 04



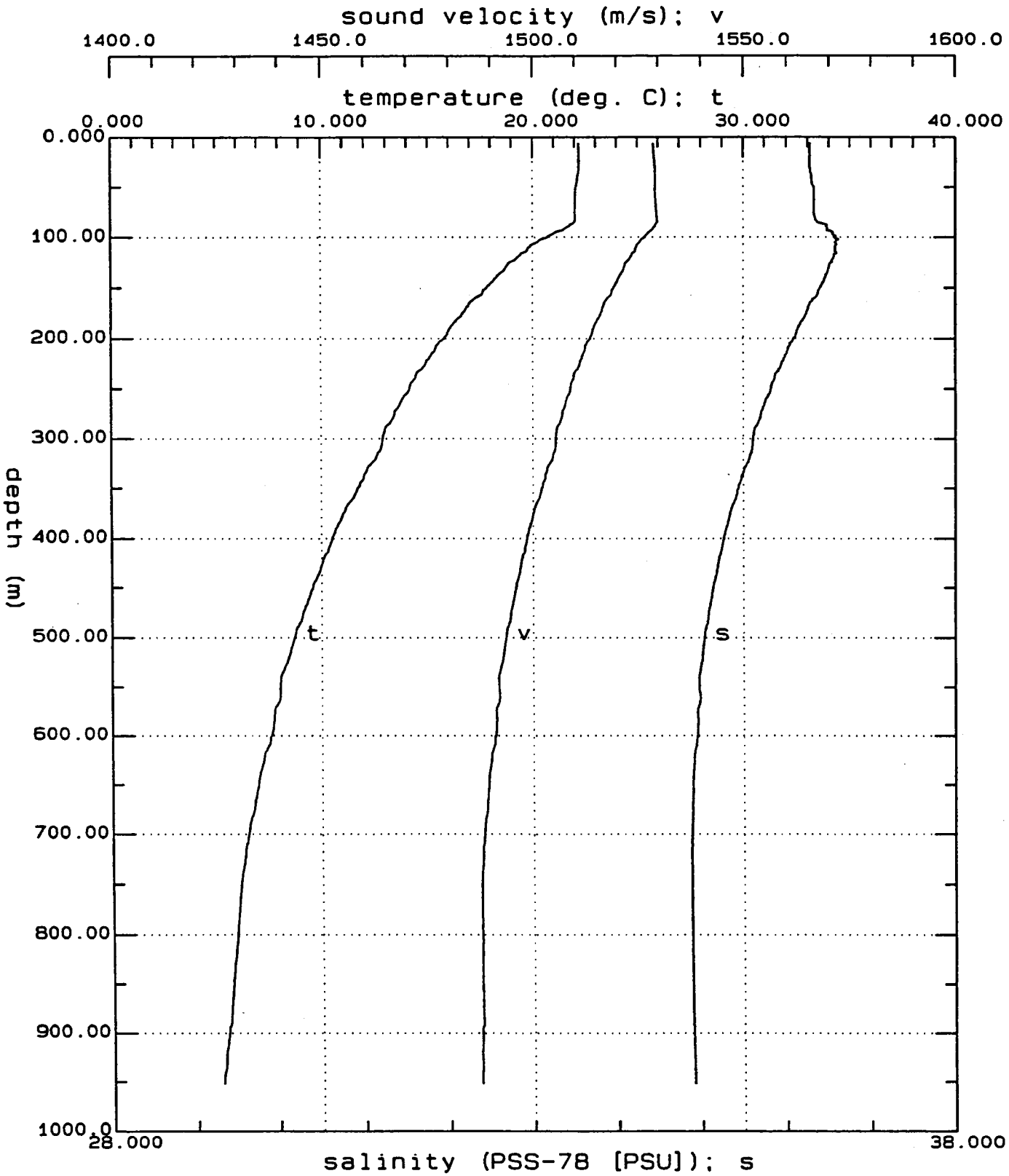
10-100.CNV: Gulfcet Cruise 04



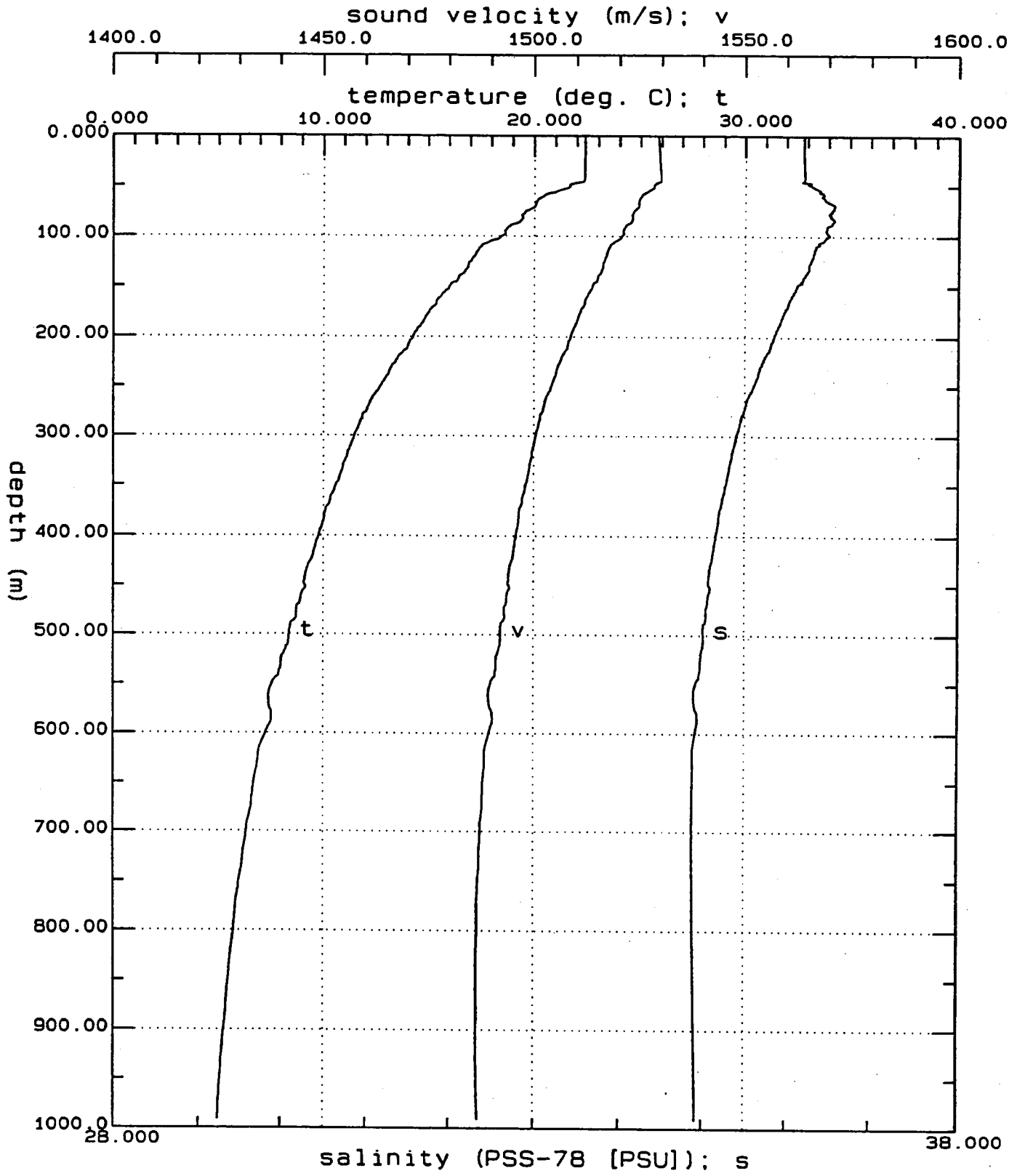
10-105.CNV: Gulfcet Cruise 04



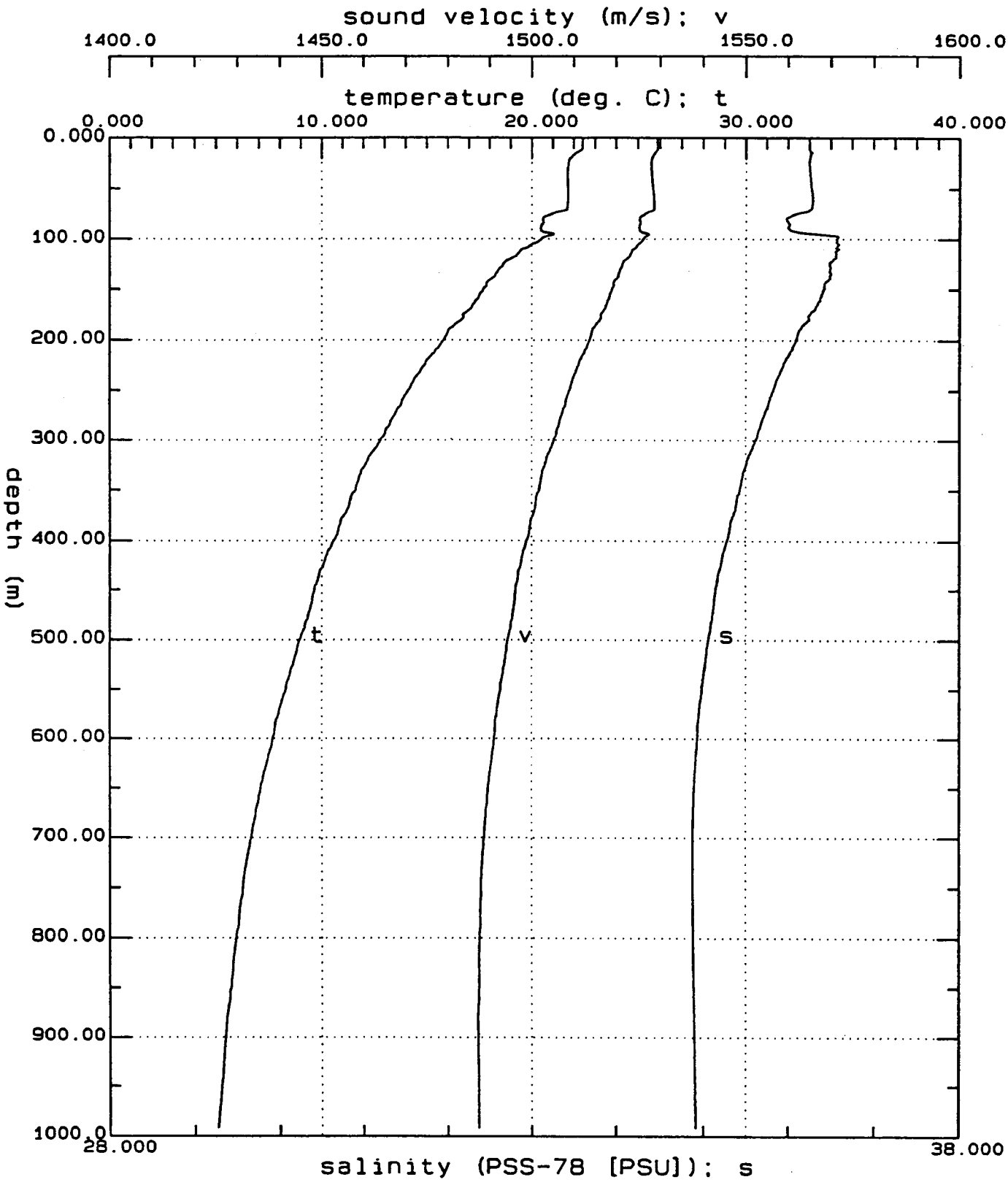
11-106.CNV: Gulfcet Cruise 04



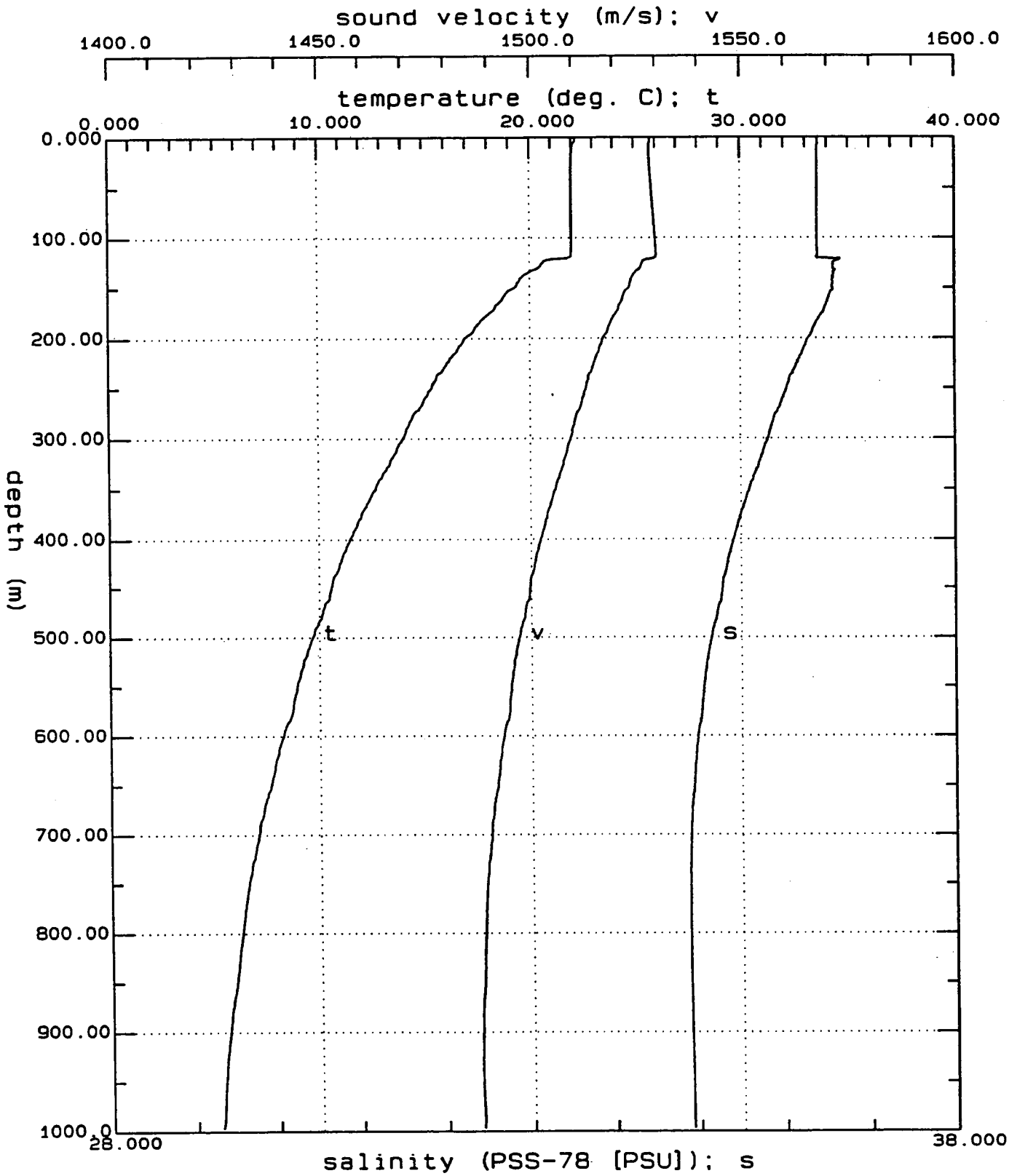
11-112.CNV: Gulfcet Cruise 04



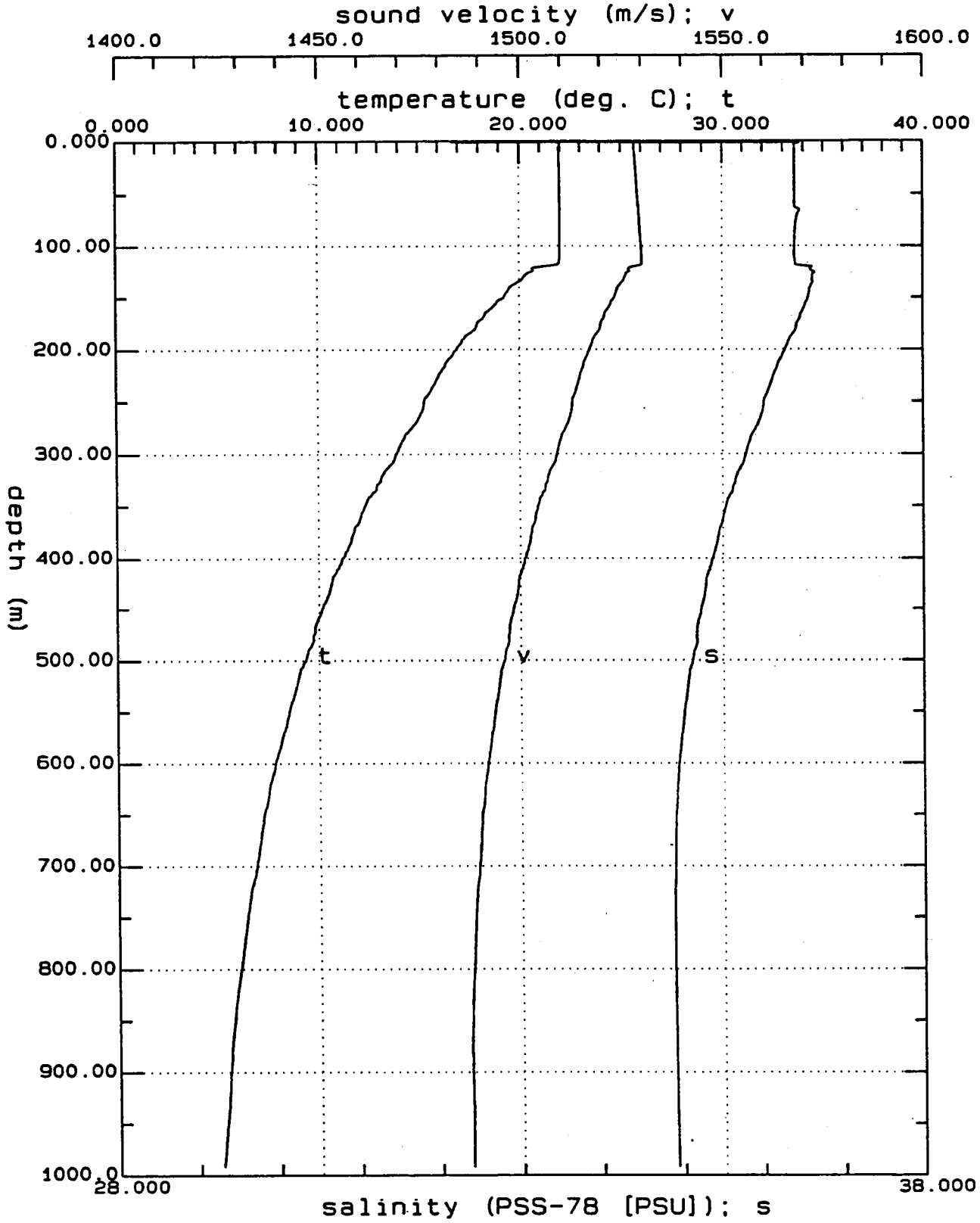
11-115.CNV: Gulfcet Cruise 04



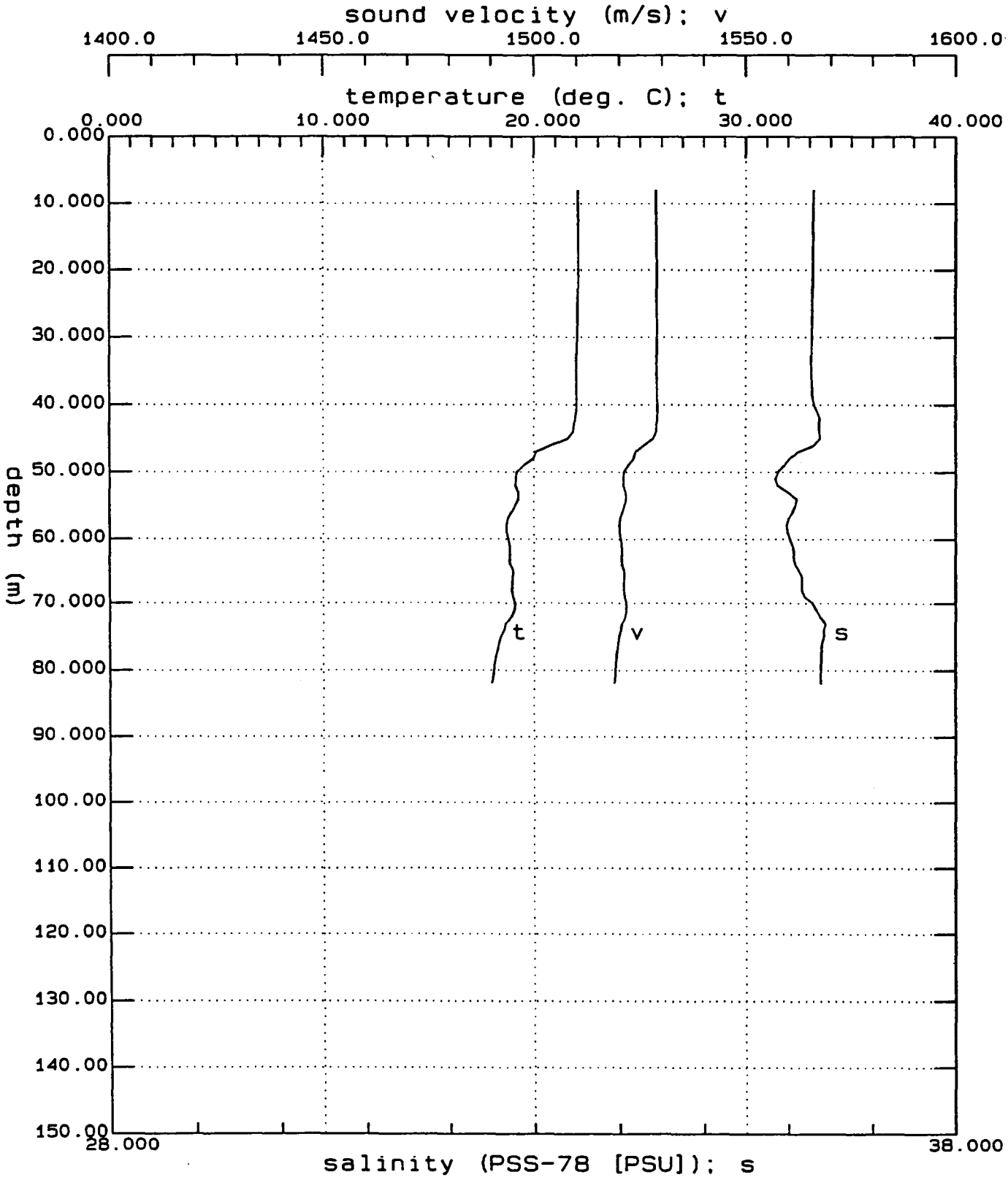
12-116.CNV: Gulfcet Cruise 04



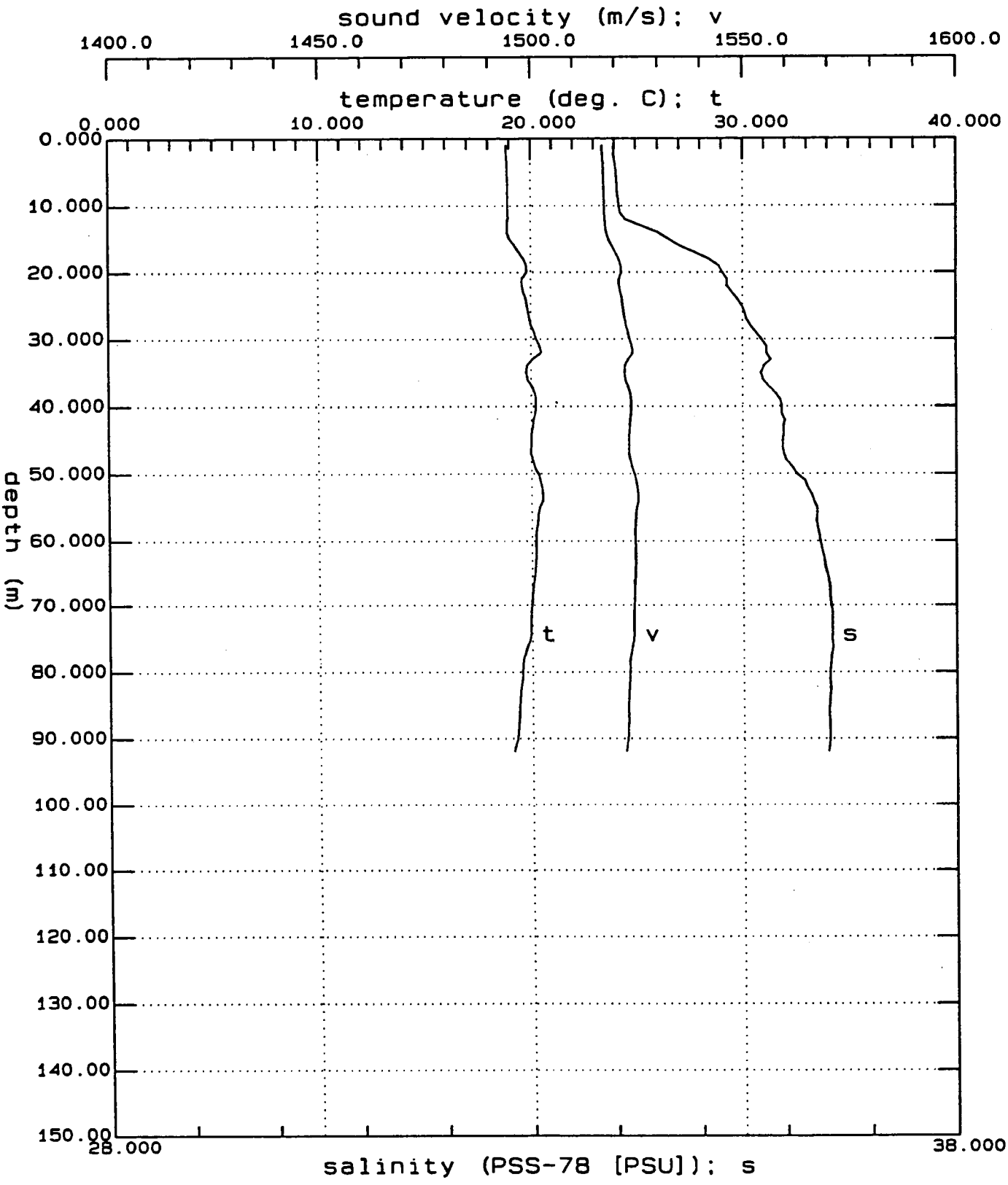
12-117.CNV: Gulfcet Cruise 04



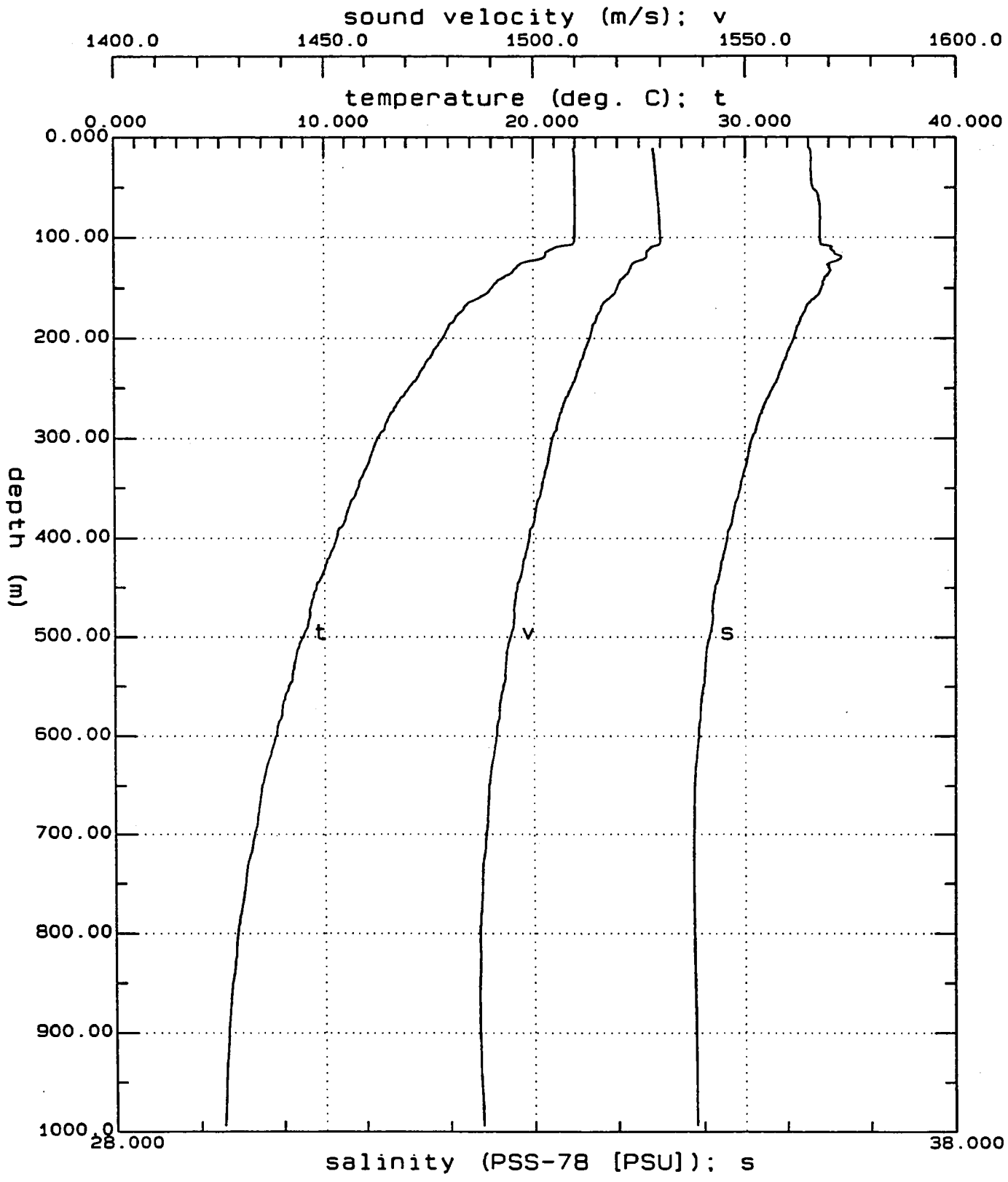
12-119.CNV: Gulfcet Cruise 04



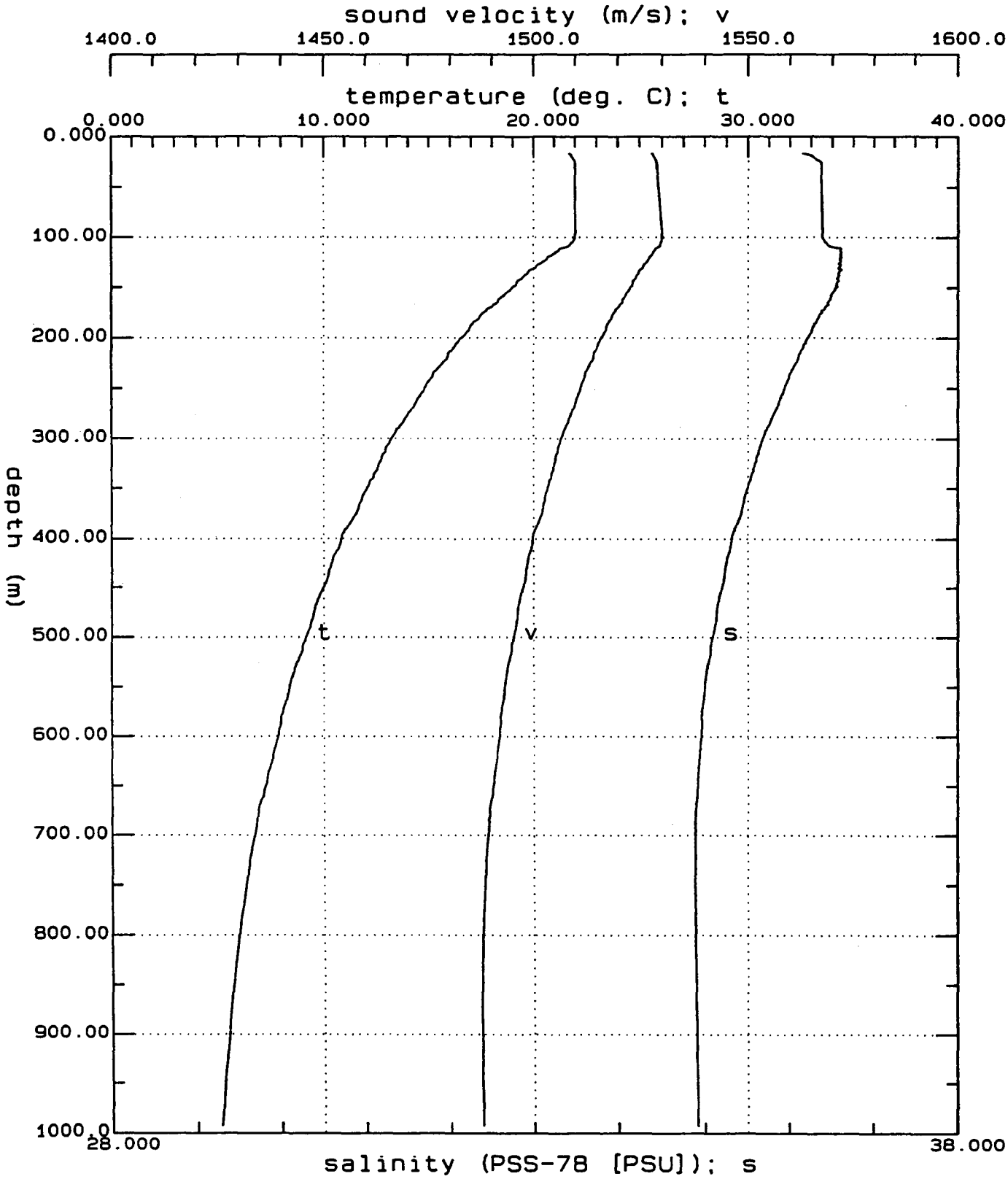
12-125.CNV: Gulfcet Cruise 04



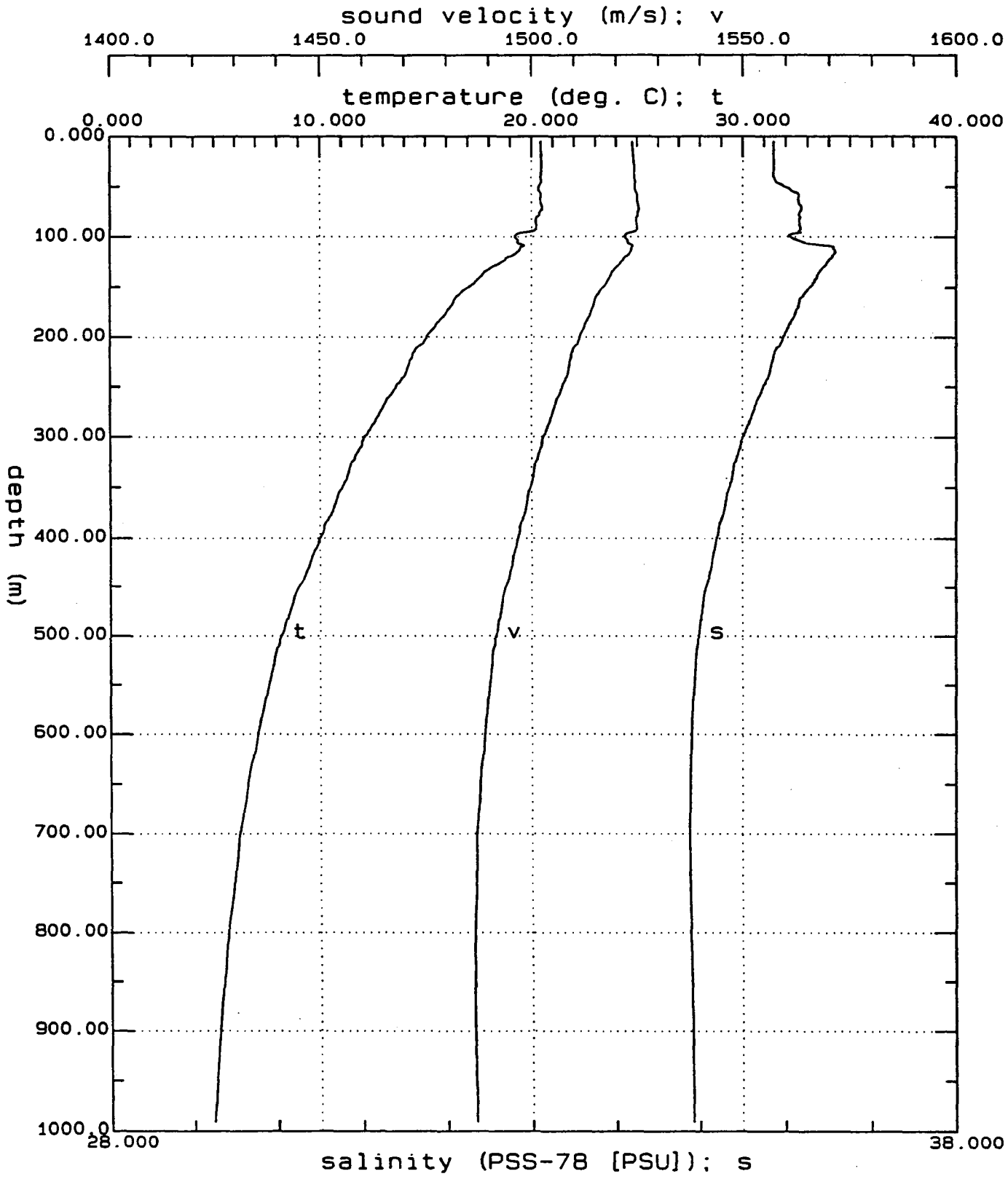
13-126.CNV: Gulfcet Cruise 04



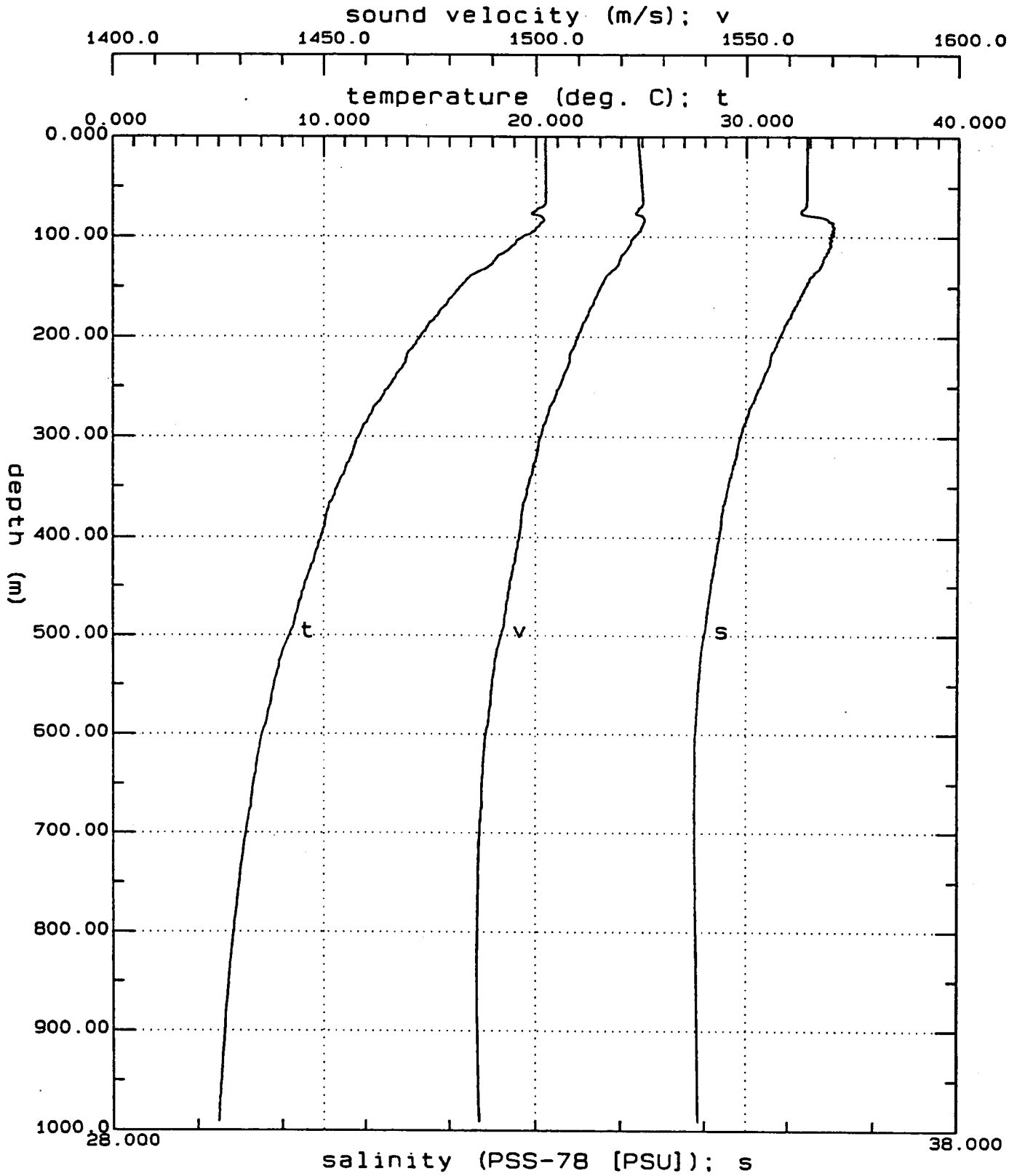
13-133.CNV: Gulfcet Cruise 04



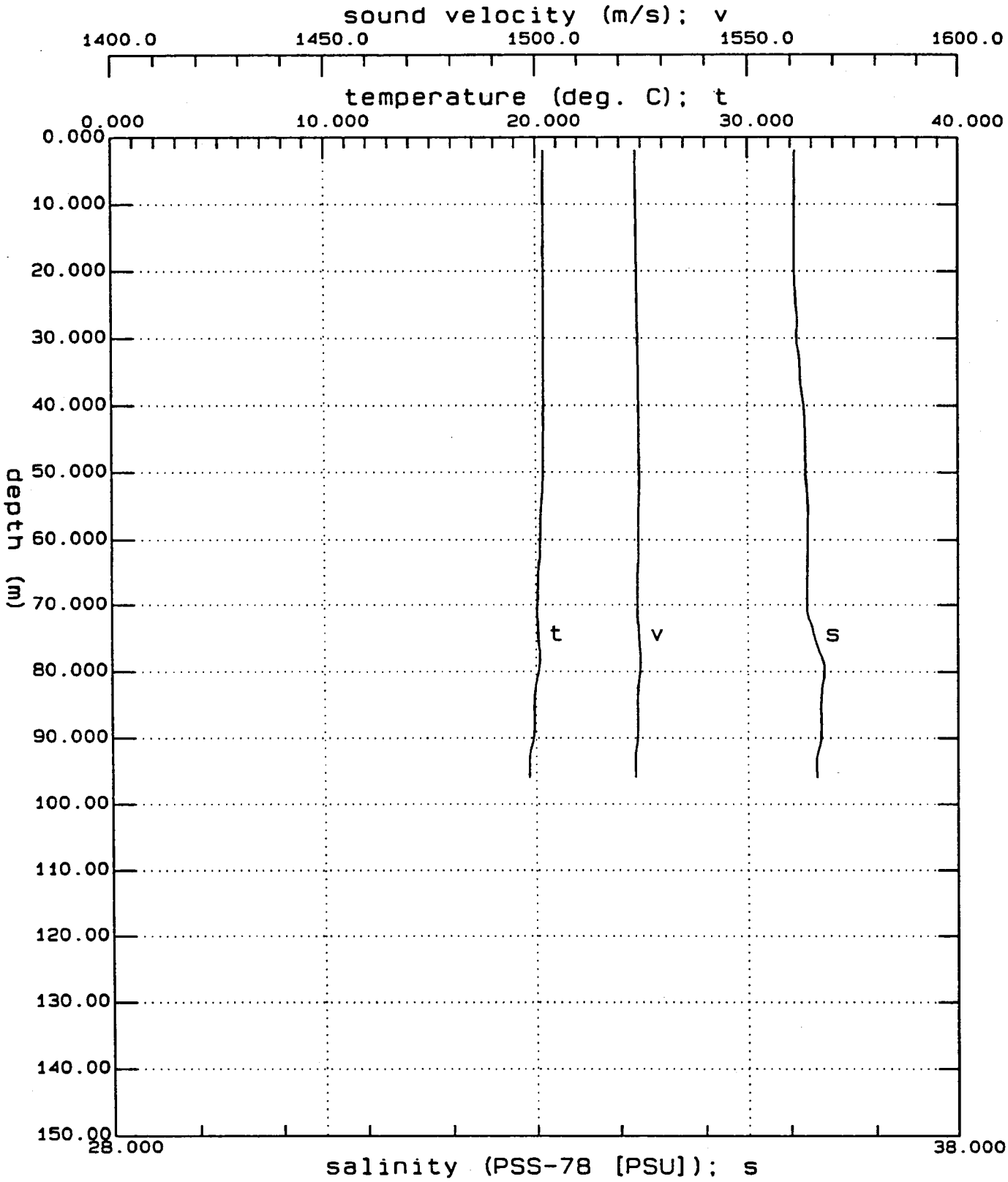
13-134.CNV: Gulfcet Cruise 04



14-135.CNV: Gulfcet Cruise 04

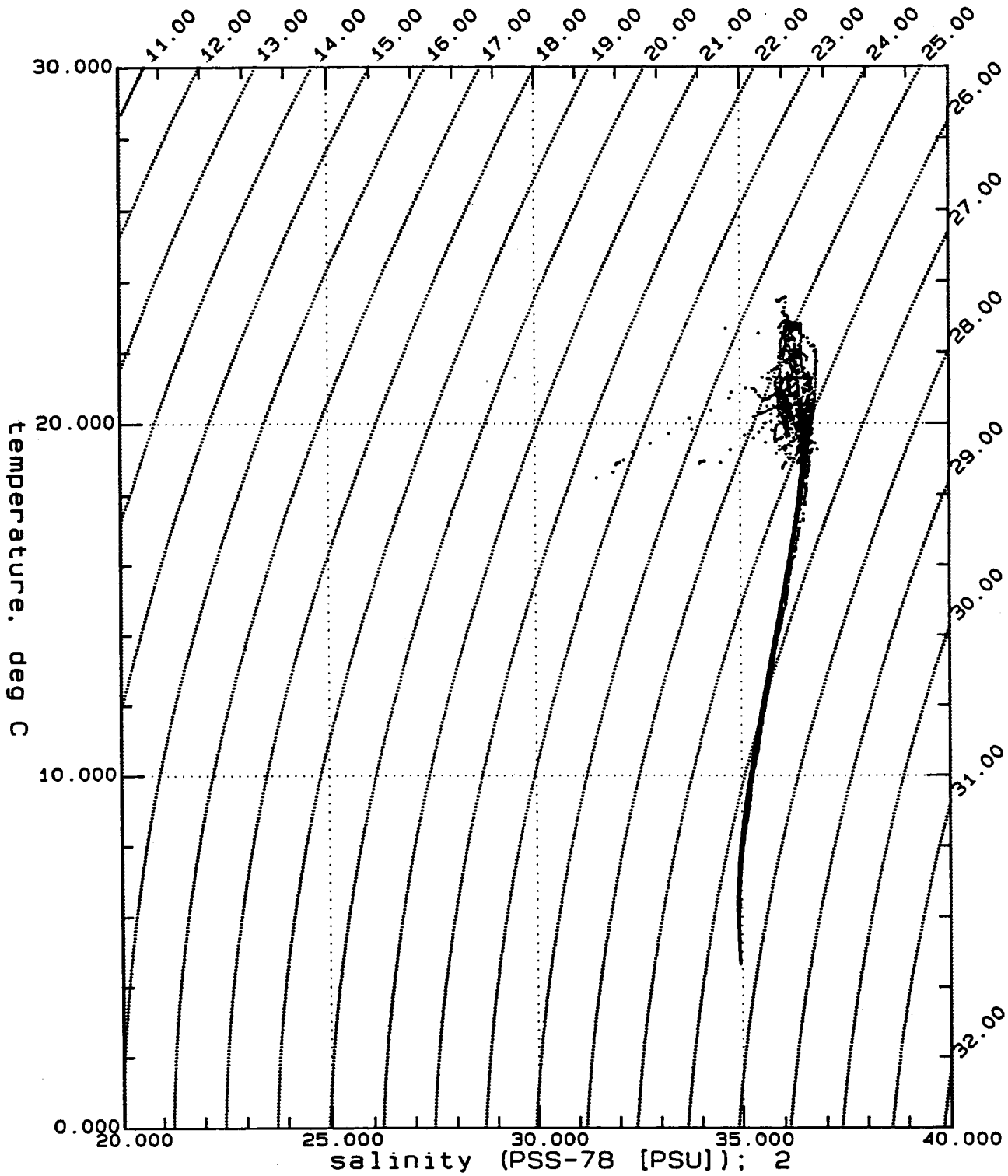


14-136.CNV: Gulfcet Cruise 04

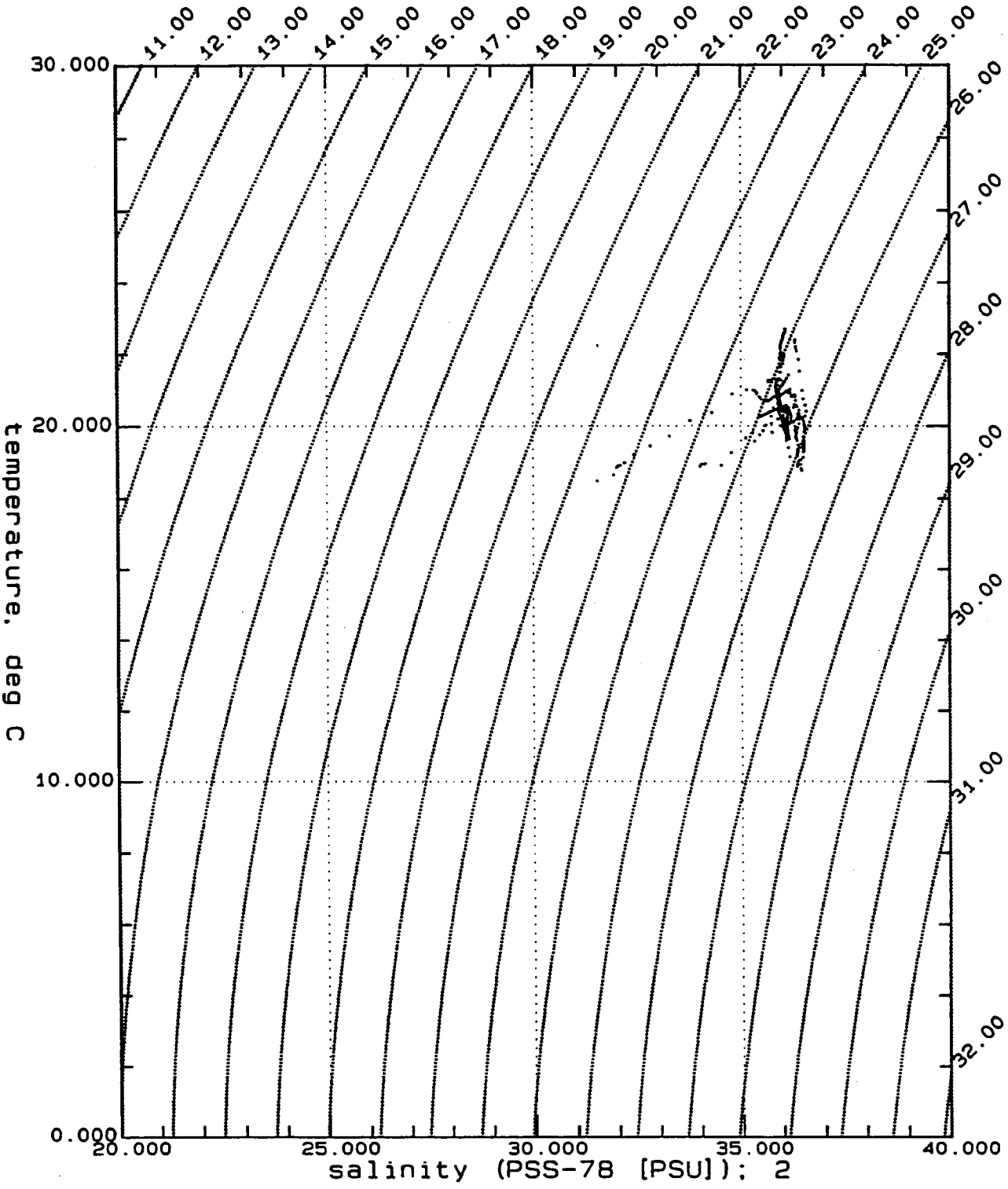


14-143.CNV: Gulfcet Cruise 04

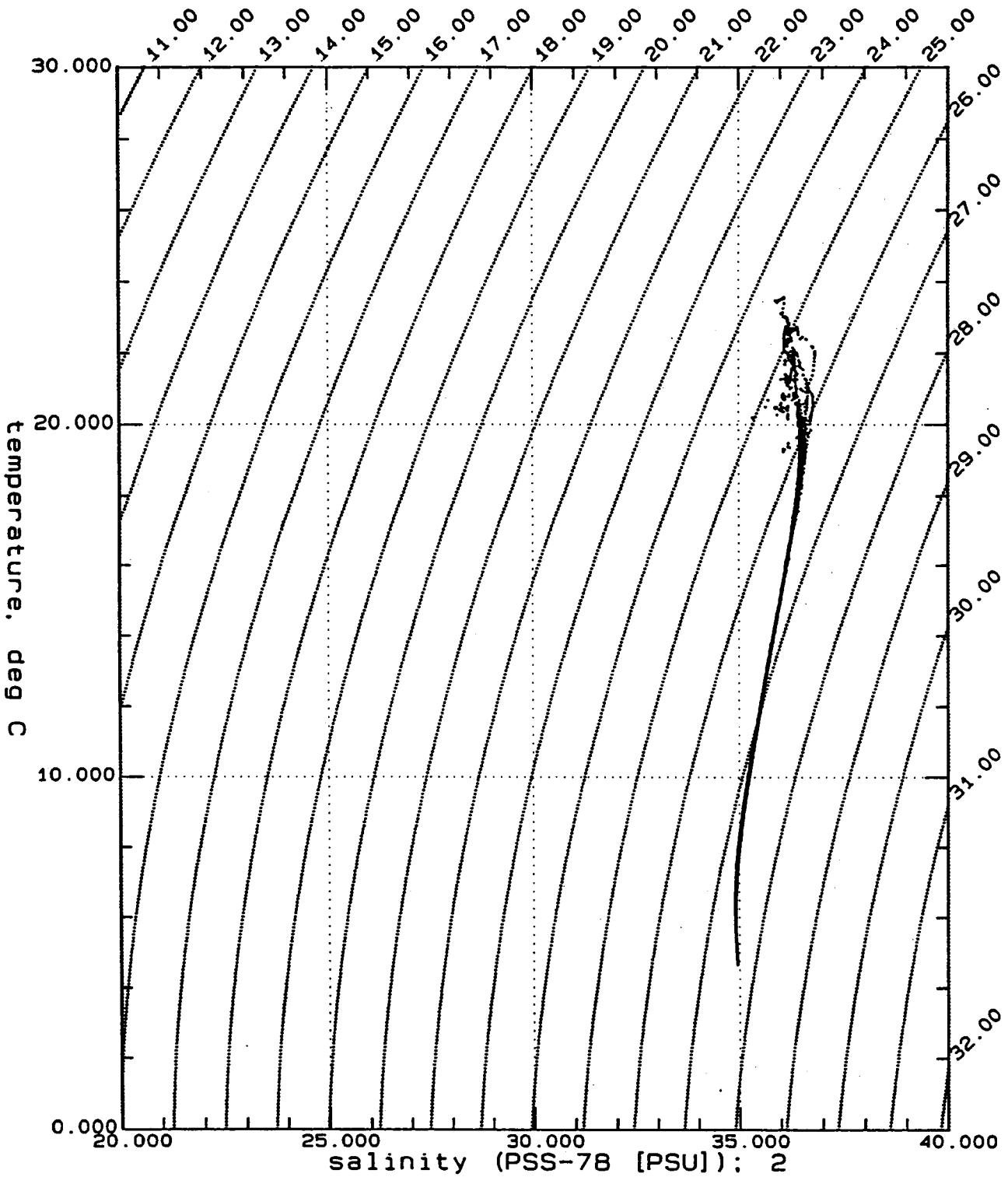
5.6 T-S Plots



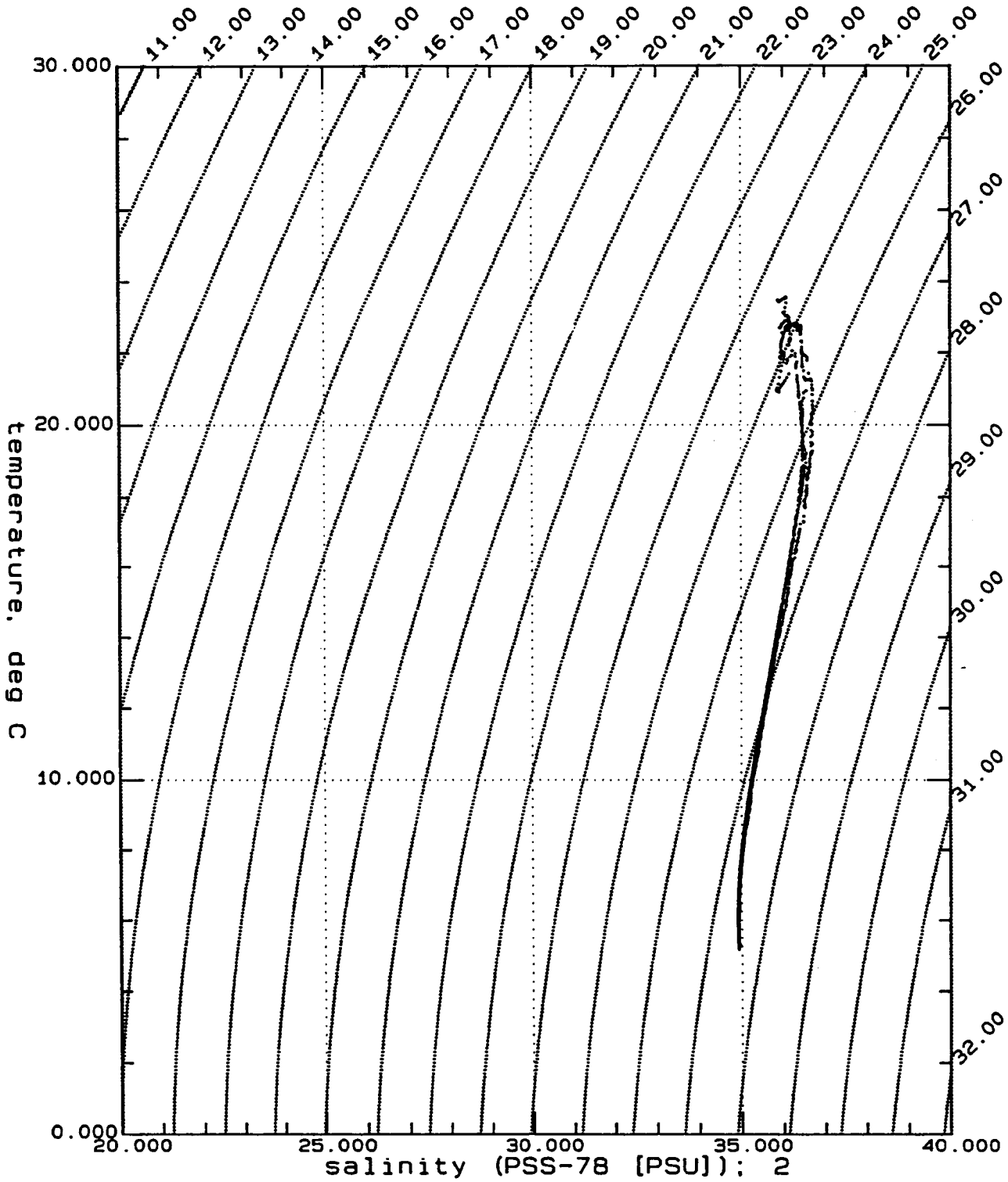
Gulfcet Cruise 04 - All Stations



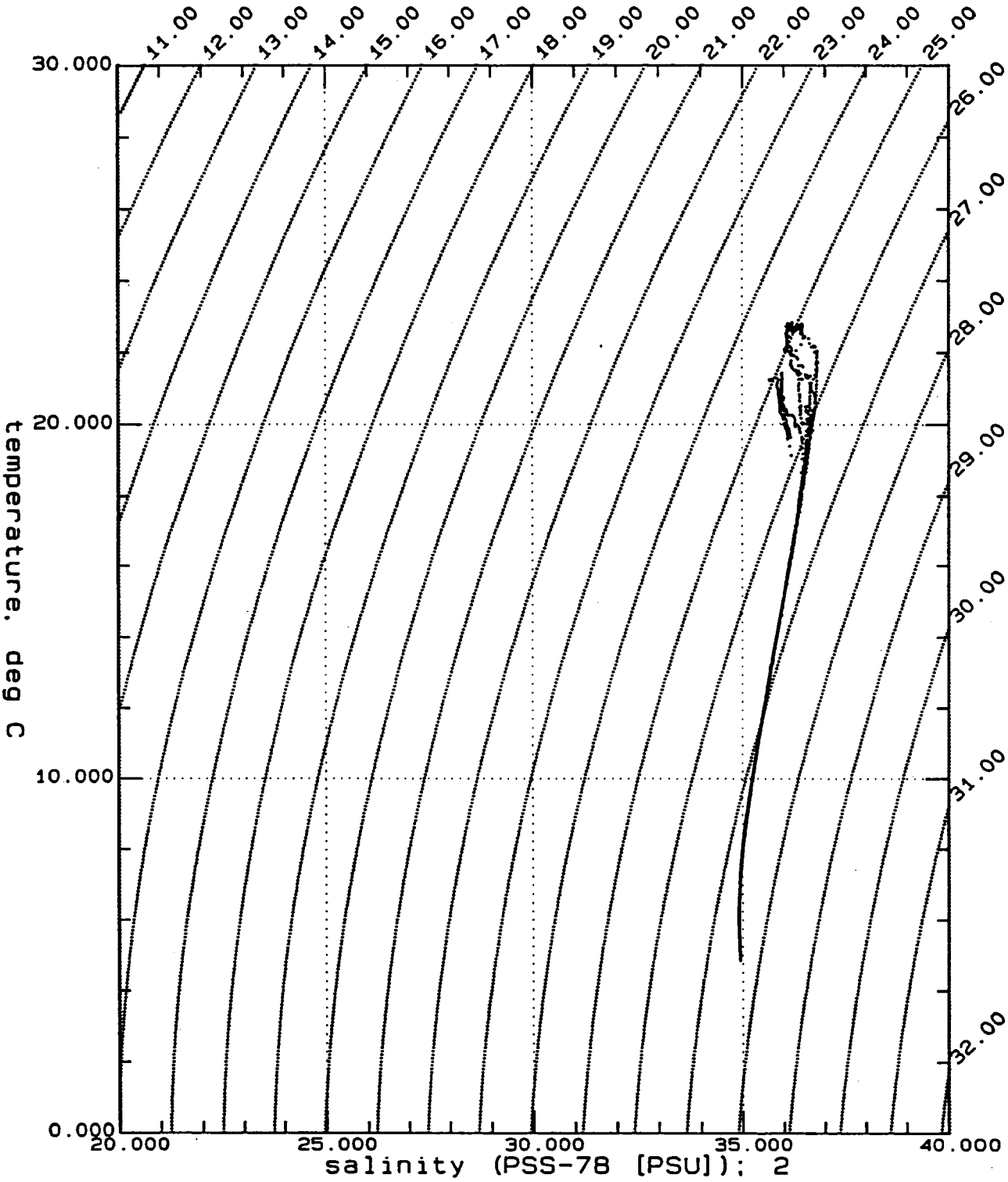
Gulfcet Cruise 04 - Inshore Stations (without lines 11 & 12)



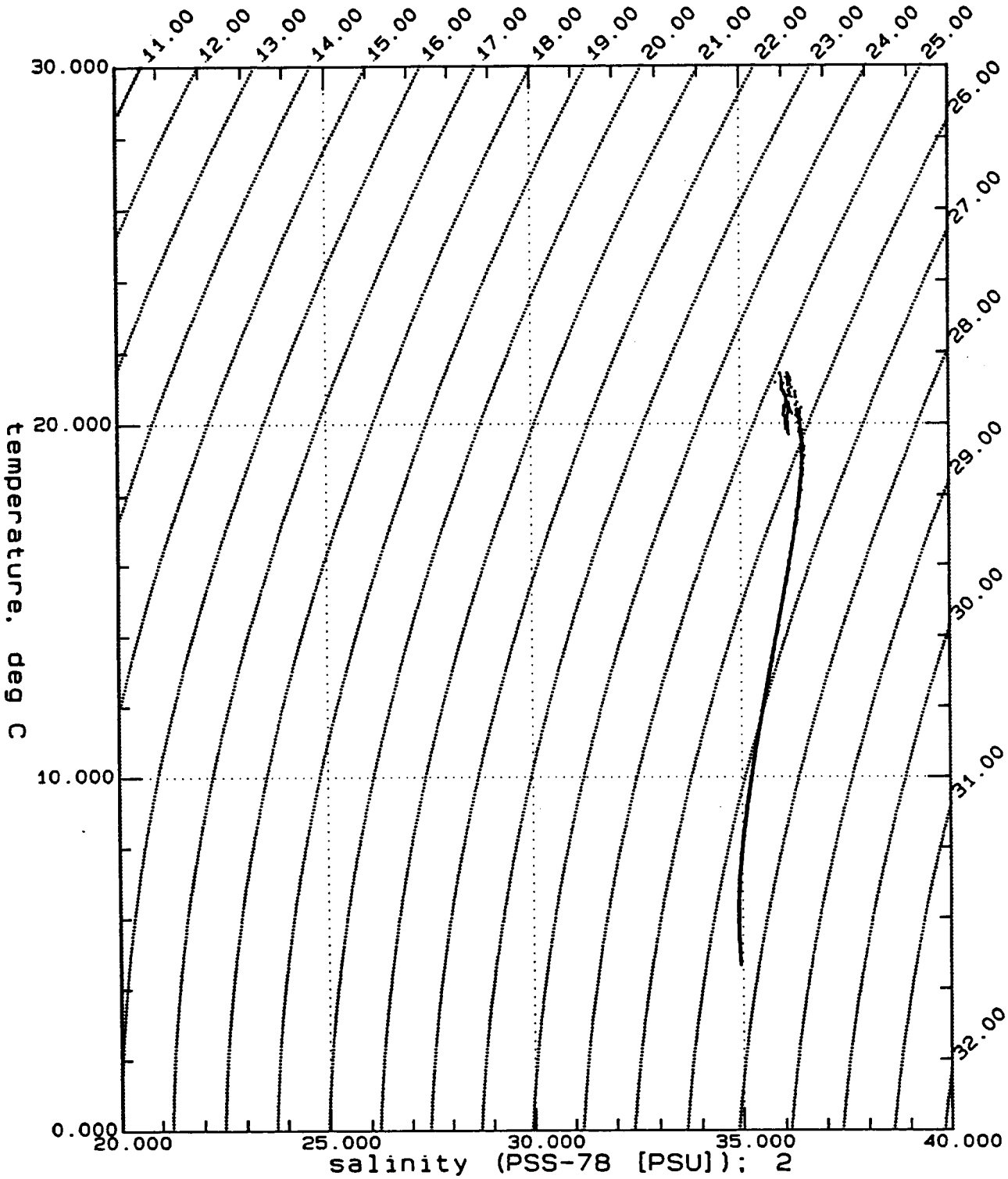
Gulfcet Cruise 04 - Offshore Stations



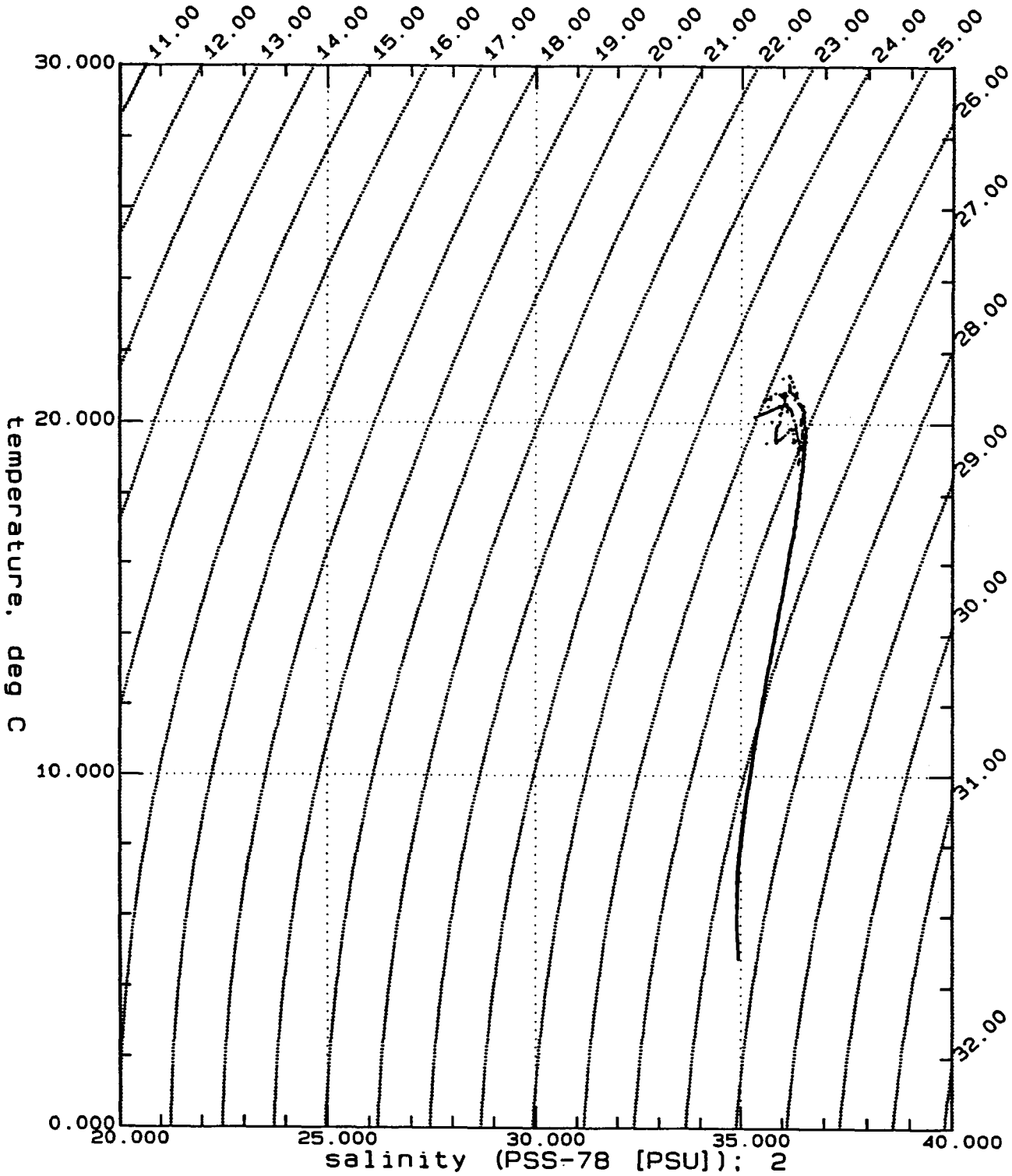
Gulfcet Cruise 04 - Lines 01 and 02



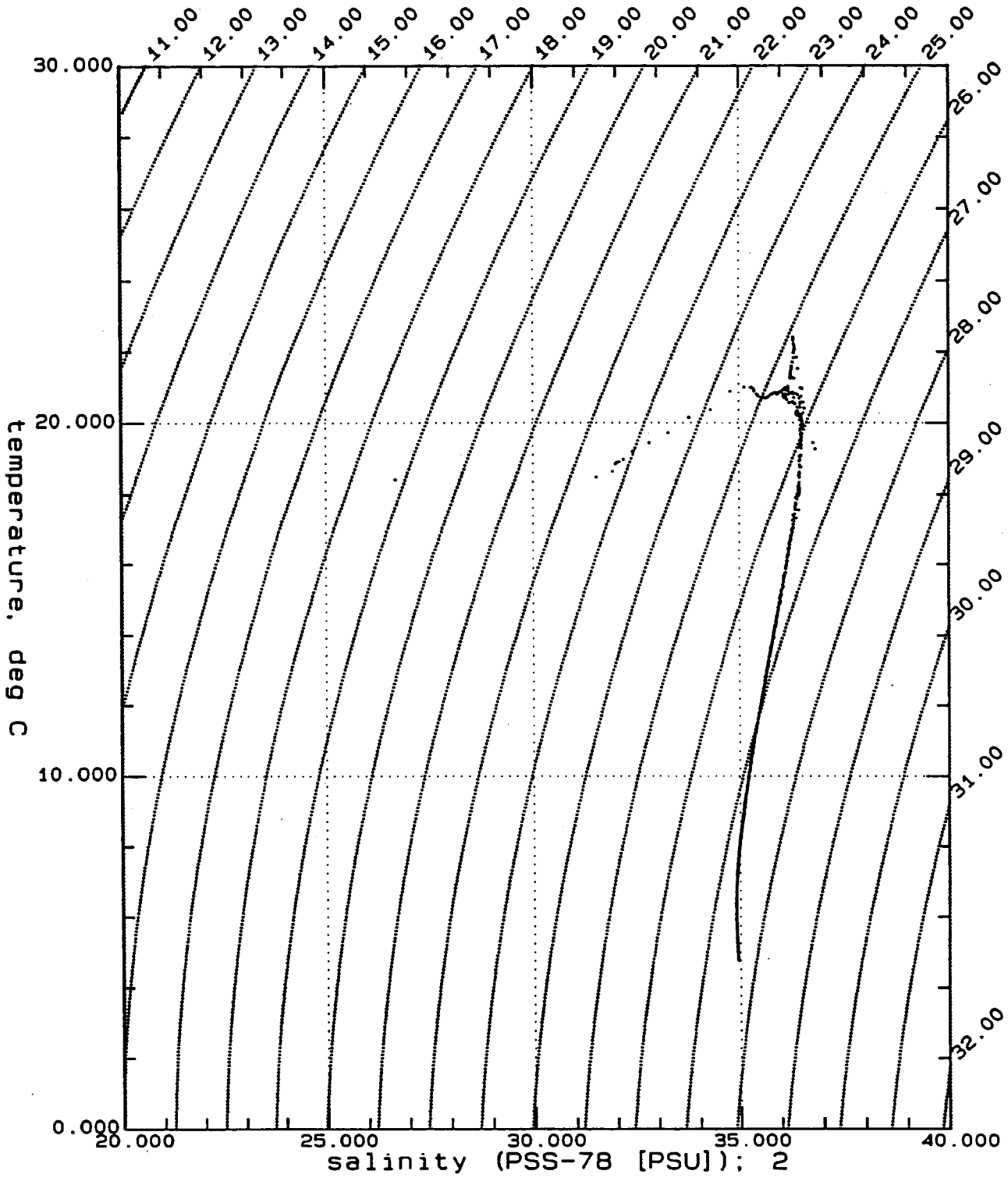
Gulfcet Cruise 04 - Lines 03 and 04



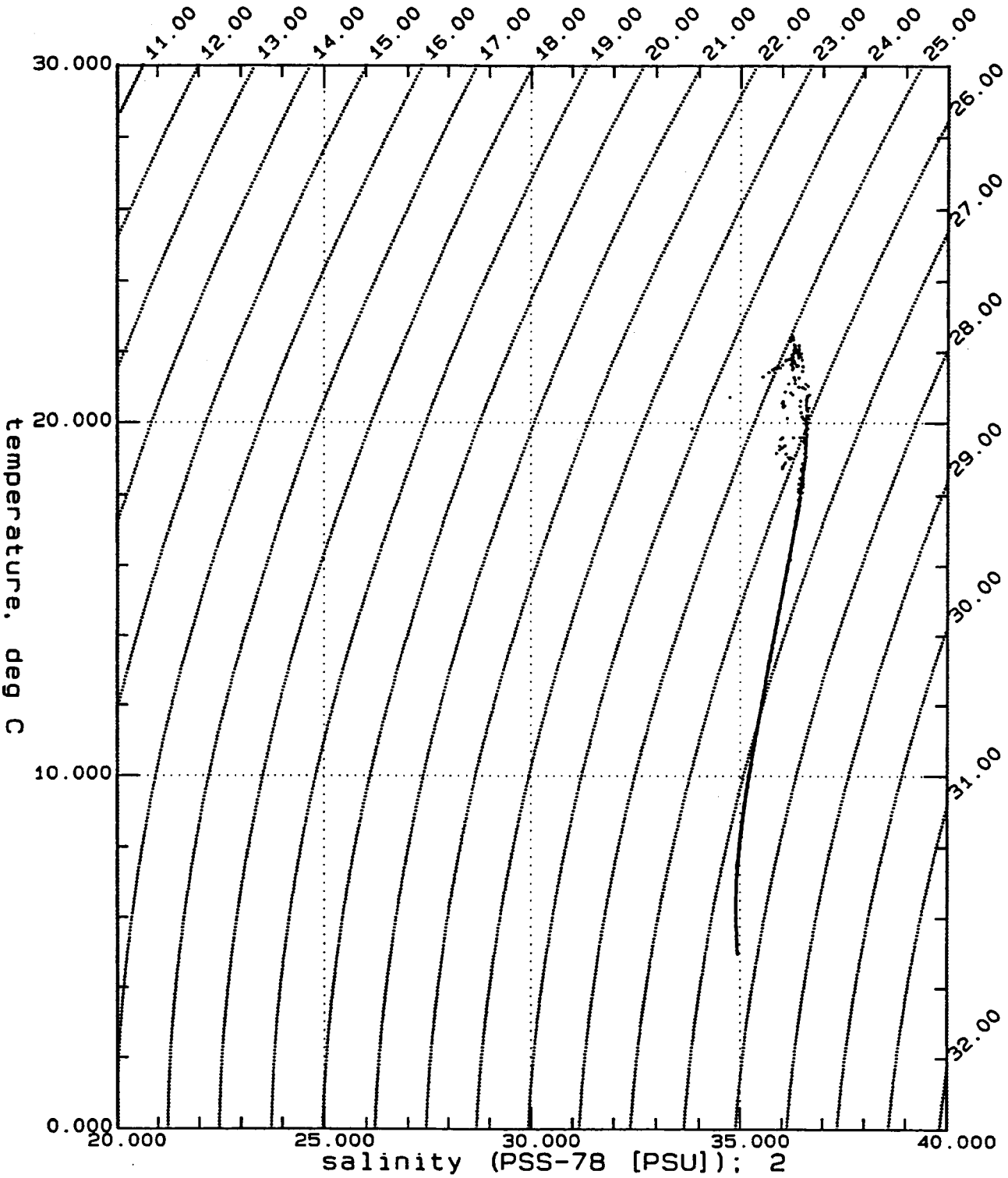
Gulfcet Cruise 04 - Lines 05 and 06



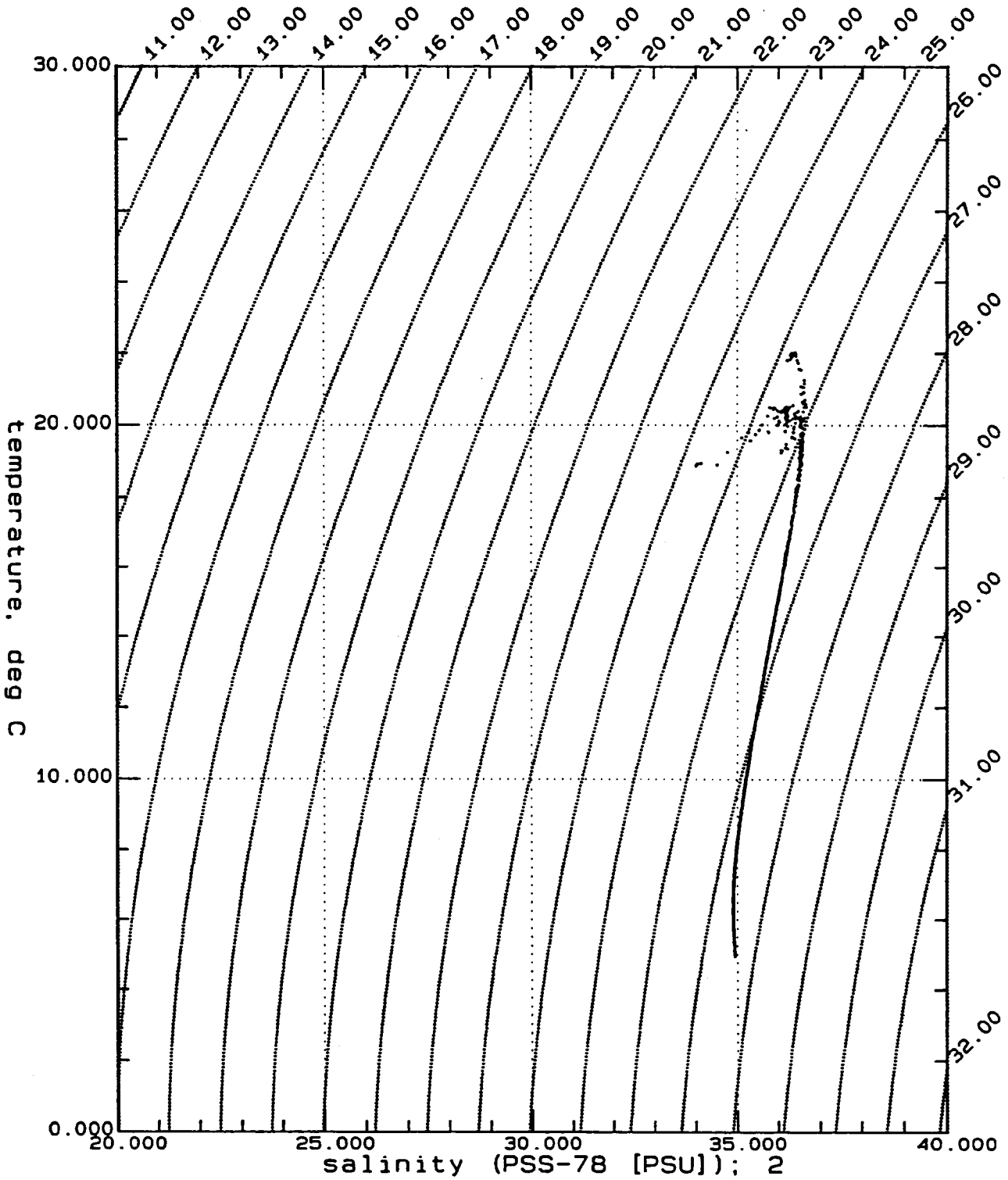
Gulfcet Cruise 04 - Lines 07 and 08



Gulfcet Cruise 04 - Lines 09 and 10

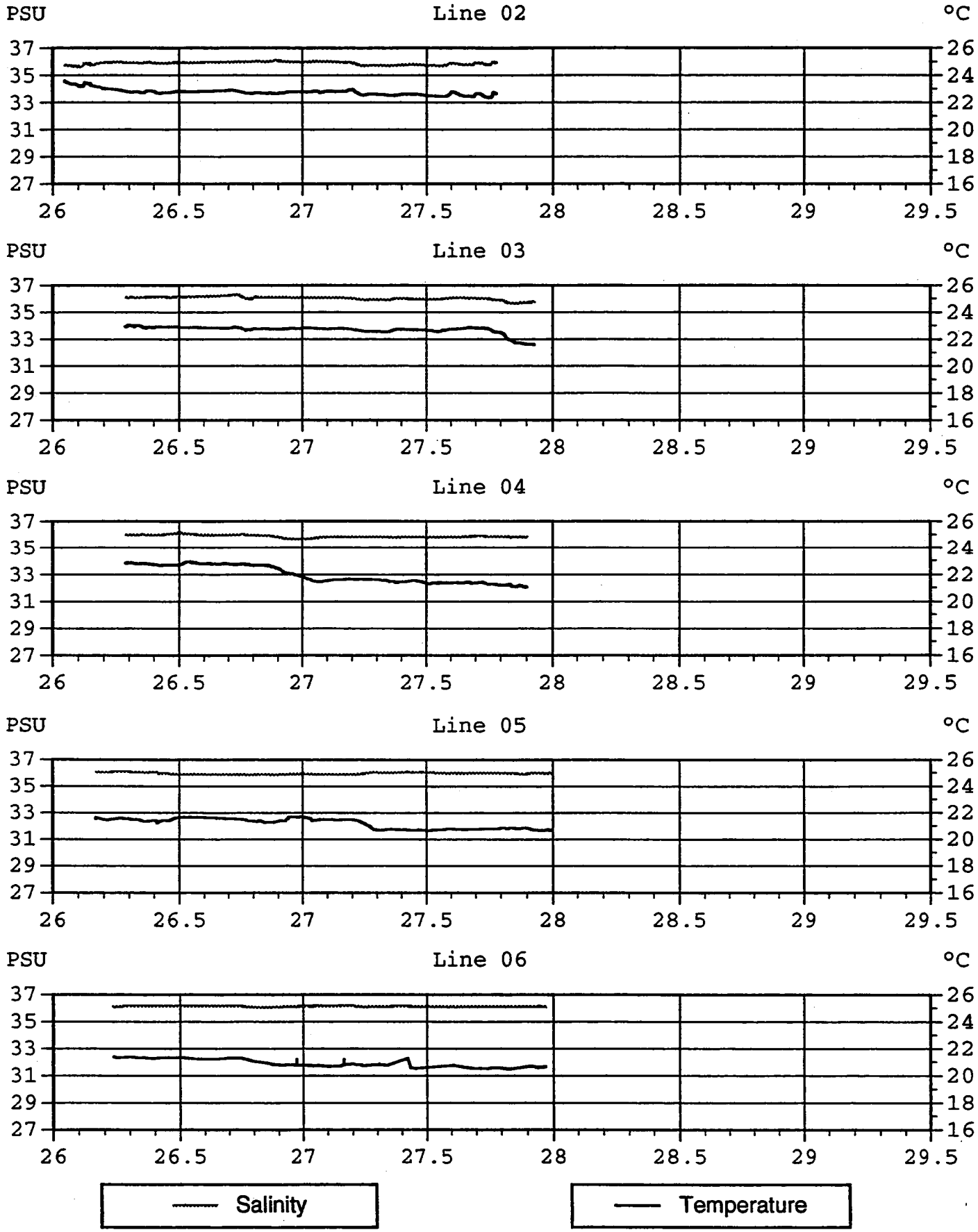


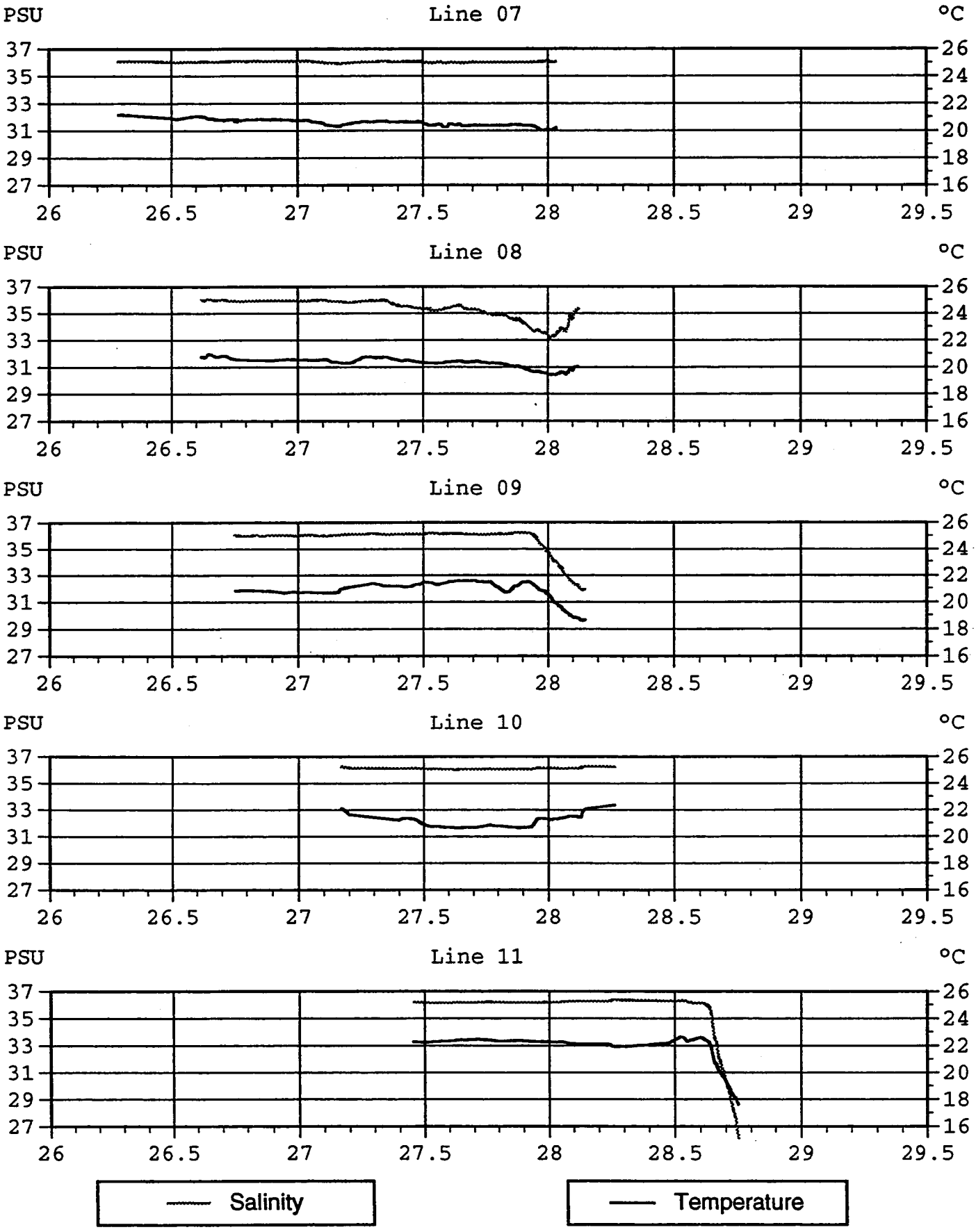
Gulfcet Cruise 04 - Lines 11 and 12

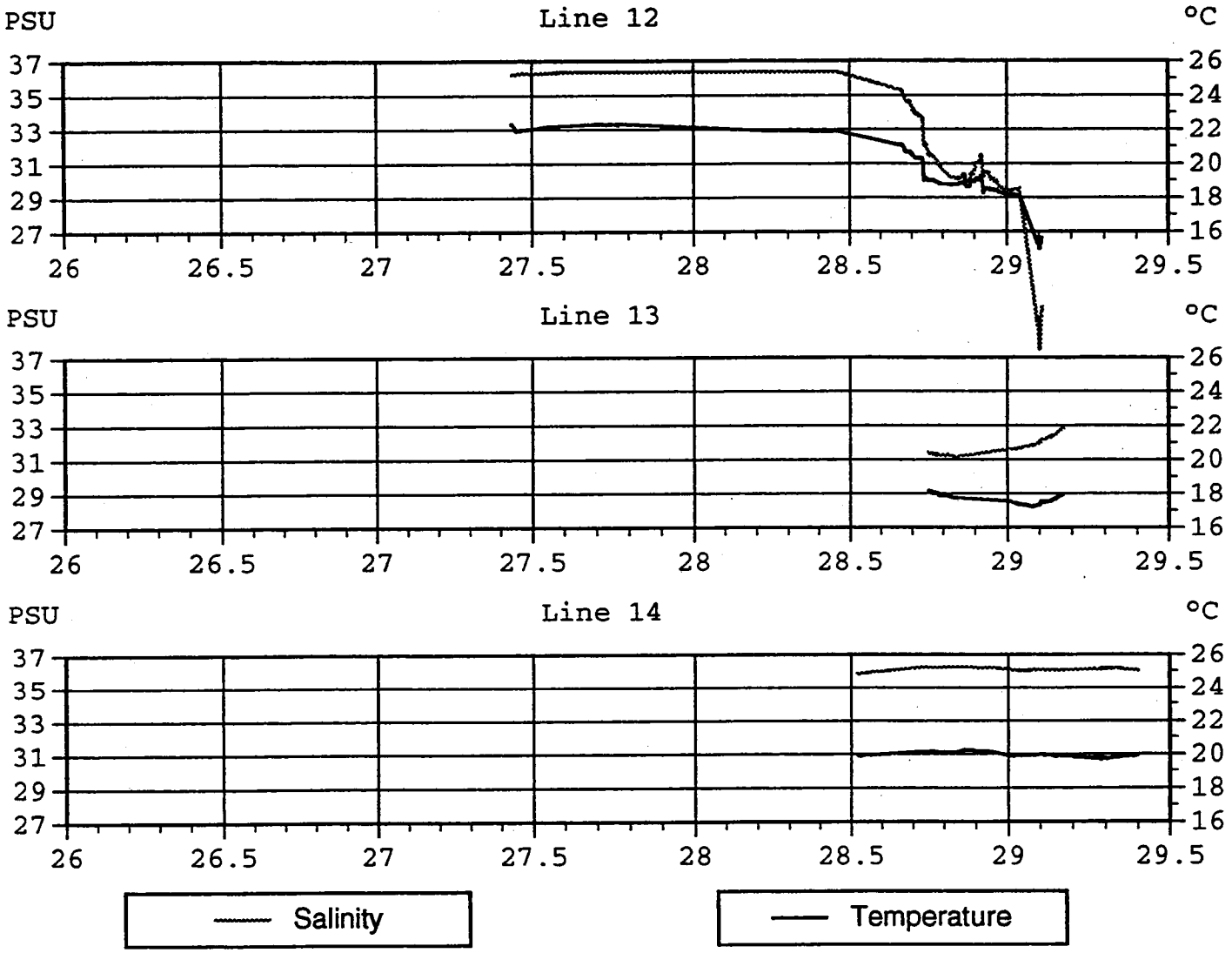


Gulfcet Cruise 04 - Lines 13 and 14

5.7 Continuously Recording Data


PSU
Line 02
°C
37
35
33
31
29
27
26
24
22
20
18
16
26
26.5
27
27.5
28
28.5
29
29.5
PSU
Line 03
°C
PSU
Line 04
°C
PSU
Line 05
°C
PSU
Line 06
°C
Salinity
Temperature


PSU
Line 07
°C
37
35
33
31
29
27
26
24
22
20
18
16
26
26.5
27
27.5
28
28.5
29
29.5
PSU
Line 08
°C
PSU
Line 09
°C
PSU
Line 10
°C
PSU
Line 11
°C
Salinity
Temperature

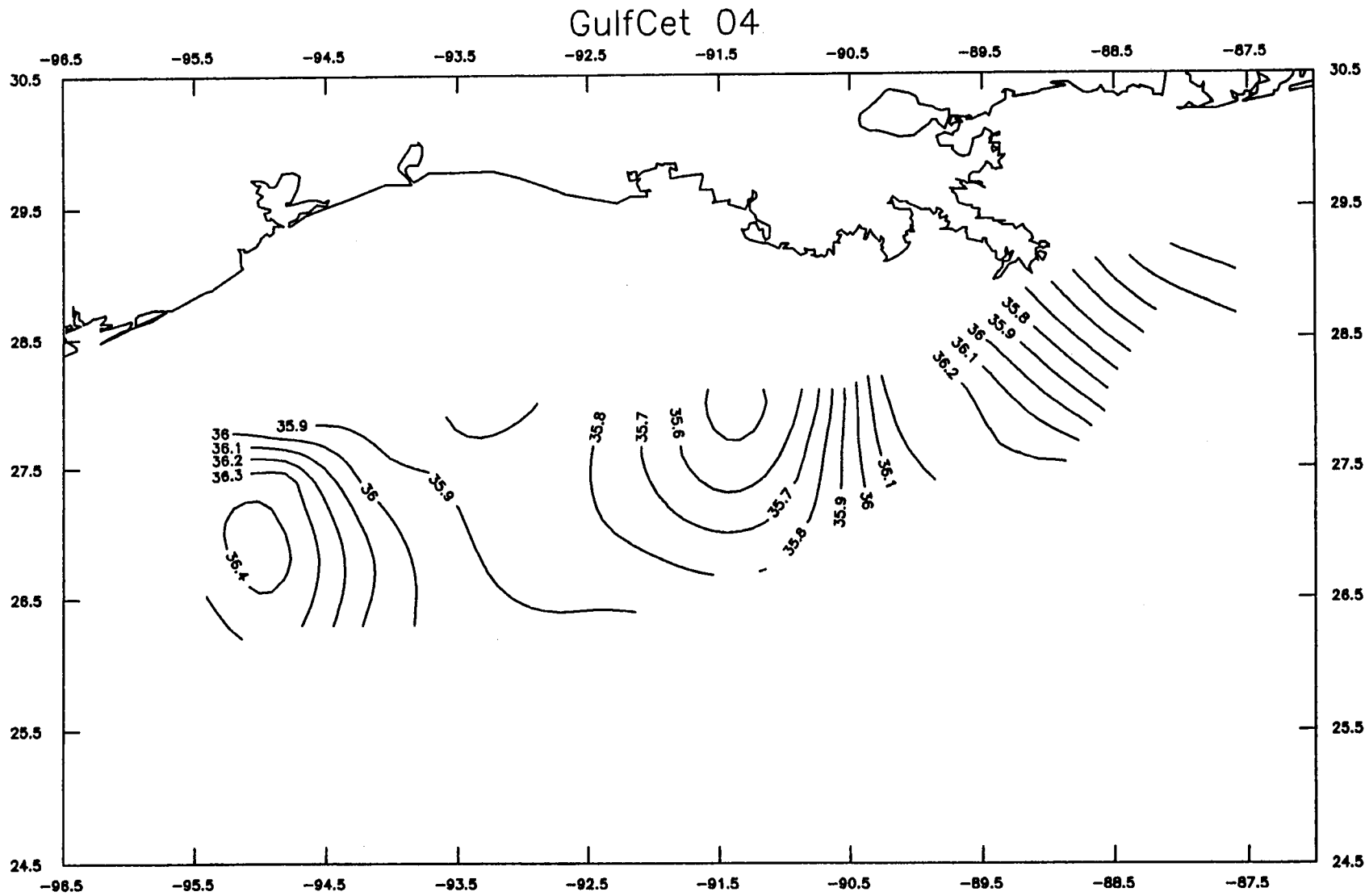

PSU
Line 12
°C
37
35
33
31
29
27
26
24
22
20
18
16
26
26.5
27
27.5
28
28.5
29
29.5
PSU
Line 13
°C
PSU
Line 14
°C
Salinity
Temperature

5.8 Salinity Data and Fresh Water Fraction

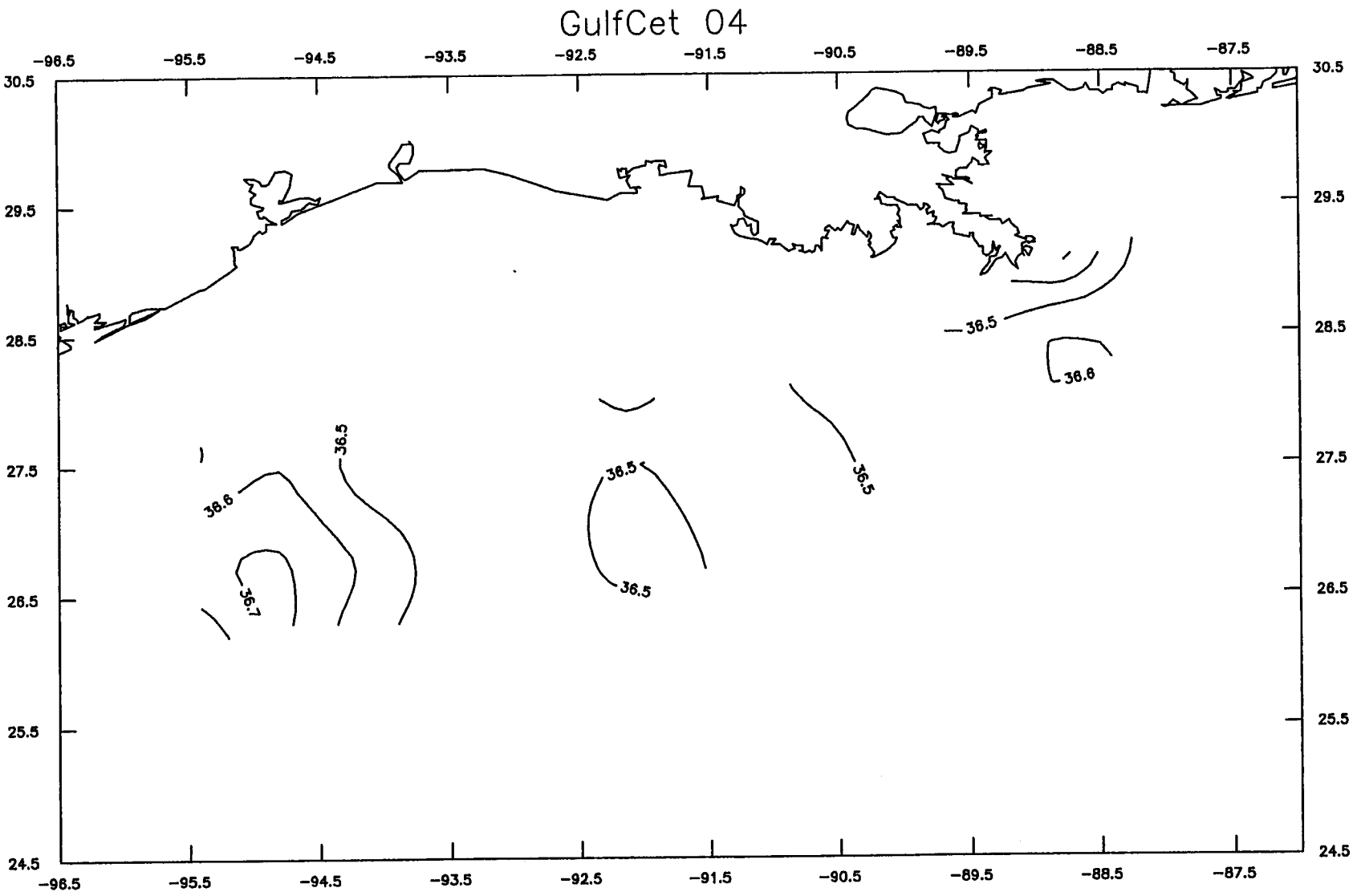
Data Summary Tables

Station	Depth	Bottle Salinity	CTD Salinity	Difference Bottle-CTD
03-030	0.6	36.1907	36.2016	-0.0109
03-030	10.6	36.1808	36.1941	-0.0132
03-030	20.8	36.1979	36.2027	-0.0048
03-030	30.5	36.2032	36.2077	-0.0045
03-030	40.2	36.2565	36.2448	0.0117
03-030	50.4	36.3669	36.3571	0.0099
03-030	60.4	36.3810	36.3986	-0.0176
03-030	70.6	36.3940	36.3958	-0.0018
03-030	89.8	36.3814	36.3964	-0.0150
03-030	100.2	36.3841	36.3970	-0.0129
03-030	149.4	36.3875	36.4041	-0.0166
03-030	1001.7	34.9184	34.9039	0.0145
06-064	1.5	36.1396	36.1416	-0.0020
06-064	5.5	36.1322	36.1430	-0.0108
06-064	10.8	36.1562	36.1417	0.0145
06-064	20.7	36.1333	36.1418	-0.0085
06-064	30.4	36.1224	36.1365	-0.0141
06-064	39.9	36.1140	36.1125	0.0014
06-064	50.1	36.1262	36.1136	0.0126
06-064	60.3	36.1530	36.1139	0.0391
06-064	70.6	36.1078	36.1195	-0.0118
06-064	80.6	36.1059	36.1256	-0.0196
06-064	90.9	36.1149	36.1245	-0.0095
06-064	94.5	36.1240	36.1335	-0.0095
08-076	2.6	36.0219	36.0305	-0.0086
08-076	20	36.0238	36.0353	-0.0115
08-076	30	36.0225	36.0288	-0.0063
08-076	39.5	36.0240	36.0283	-0.0043
08-076	61	36.0252	36.0287	-0.0035
08-076	71	36.0283	36.0292	-0.0010
08-076	86	36.4623	36.4283	0.0340
08-076	99.9	36.4907	36.4997	-0.0090
08-076	1000.5	34.9447	34.9243	0.0204
10-097	2.7	36.3105		
10-097	10.29	36.3064	36.3229	-0.0165
10-097	21	36.2851	36.3192	-0.0341
10-097	30	36.2407	36.2591	-0.0185
10-097	40	36.2209	36.2386	-0.0176
10-097	52	36.2298	36.2275	0.0023
10-097	60.2	36.4006	36.2279	0.1728
10-097	69.9	36.4714	36.5171	-0.0458
10-097	85	36.4151	36.4392	-0.0241
10-097	101.3	36.3715	36.4296	-0.0581
10-097	151	35.9874	35.9808	0.0066
10-097	1000		34.9263	
12-125	0.9	25.8531		
12-125	5.7	35.9823		
12-125	10.7	36.2861	36.2902	-0.0041
12-125	20.5	36.2814	36.2887	-0.0073
12-125	30.6	36.2650	36.2766	-0.0116
12-125	40.6	36.3074	36.3193	-0.0120
12-125	50.8	35.8629	35.8617	0.0012
12-125	60.2	35.9974	36.0050	-0.0076
12-125	70.6	36.2961	36.3085	-0.0124
12-125	80.6	36.3650	36.3810	-0.0160
12-125	82.5	36.3591	36.3800	-0.0209
12-125	82.7	36.3607	36.3804	-0.0197
13-133	1.9	31.4159		
13-133	10.2	36.2867	36.2683	0.0184
13-133	19.9	36.2739	36.2859	-0.0120
13-133	29.8	36.2853	36.2843	0.0011
13-133	40.4	36.2956	36.2914	0.0042
13-133	50.8	36.2897	36.3130	-0.0233
13-133	60.4	36.3125	36.3767	-0.0642
13-133	70	36.3622	36.3971	-0.0349
13-133	85.5	36.3835	36.3985	-0.0150
13-133	85.5	36.4884	36.3985	0.0899
13-133	102.2	36.3888	36.3993	-0.0105
13-133	152.3	36.3903	36.4110	-0.0206
14-143	1.2	36.0610	36.0521	0.0089
14-143	6.7	36.0684	36.0503	0.0181
14-143	9.1	36.0645	36.0501	0.0144
14-143	21.2	36.0748	36.0543	0.0205
14-143	30.5	36.0706	36.0828	-0.0123
14-143	40.6	36.1905	36.1640	0.0265
14-143	50.9	36.2091	36.1848	0.0243
14-143	62.2	36.2080	36.2056	0.0025
14-143	71.6	36.1848	36.2053	-0.0205
14-143	82.3	36.3814	36.3830	-0.0017
14-143	87.3	36.4142	36.3600	0.0542
14-143	90.1	36.3442	36.3606	-0.0165

Salinity (PSU) at Reference Density 25

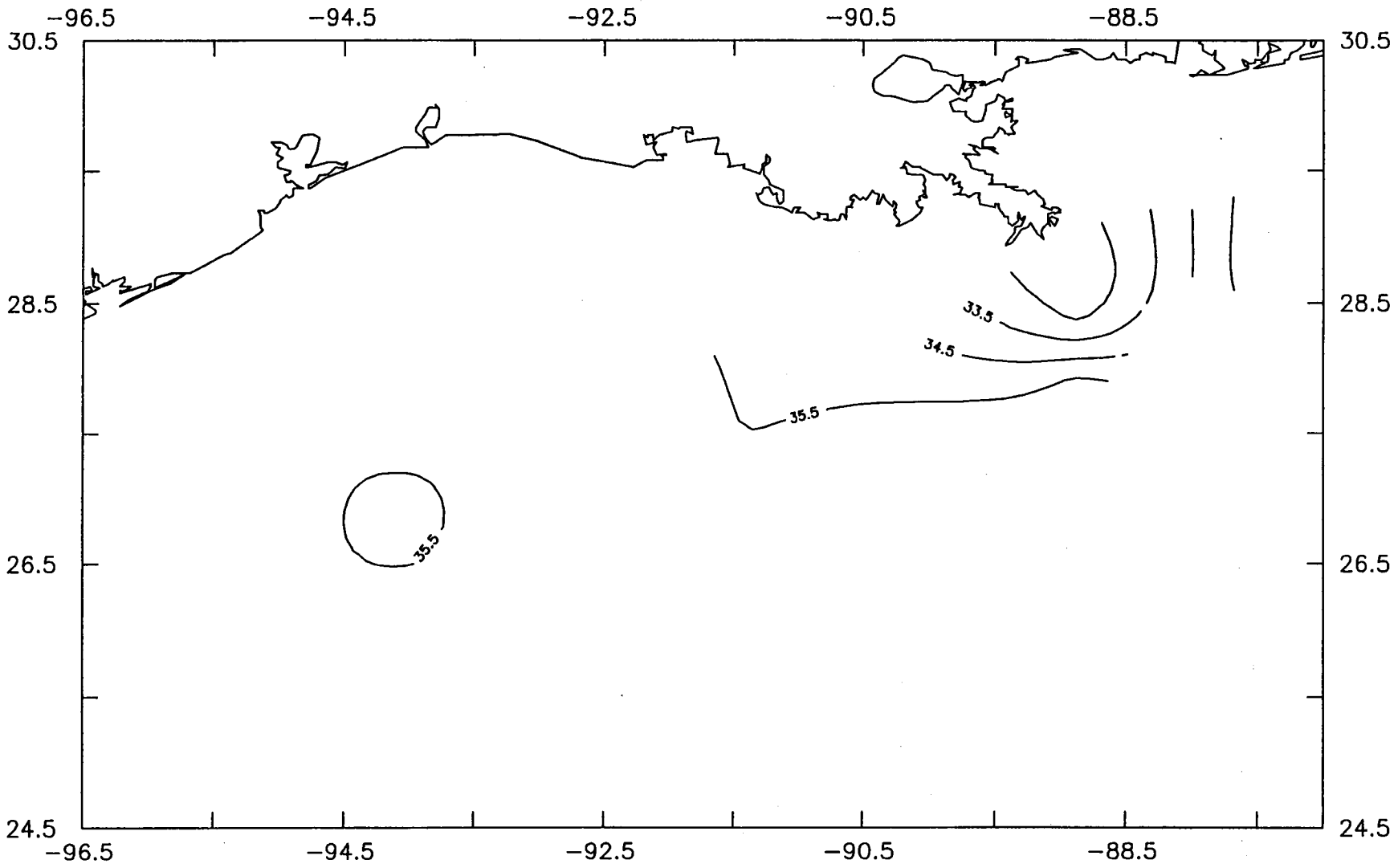


Salinity (PSU) at Reference Density 26

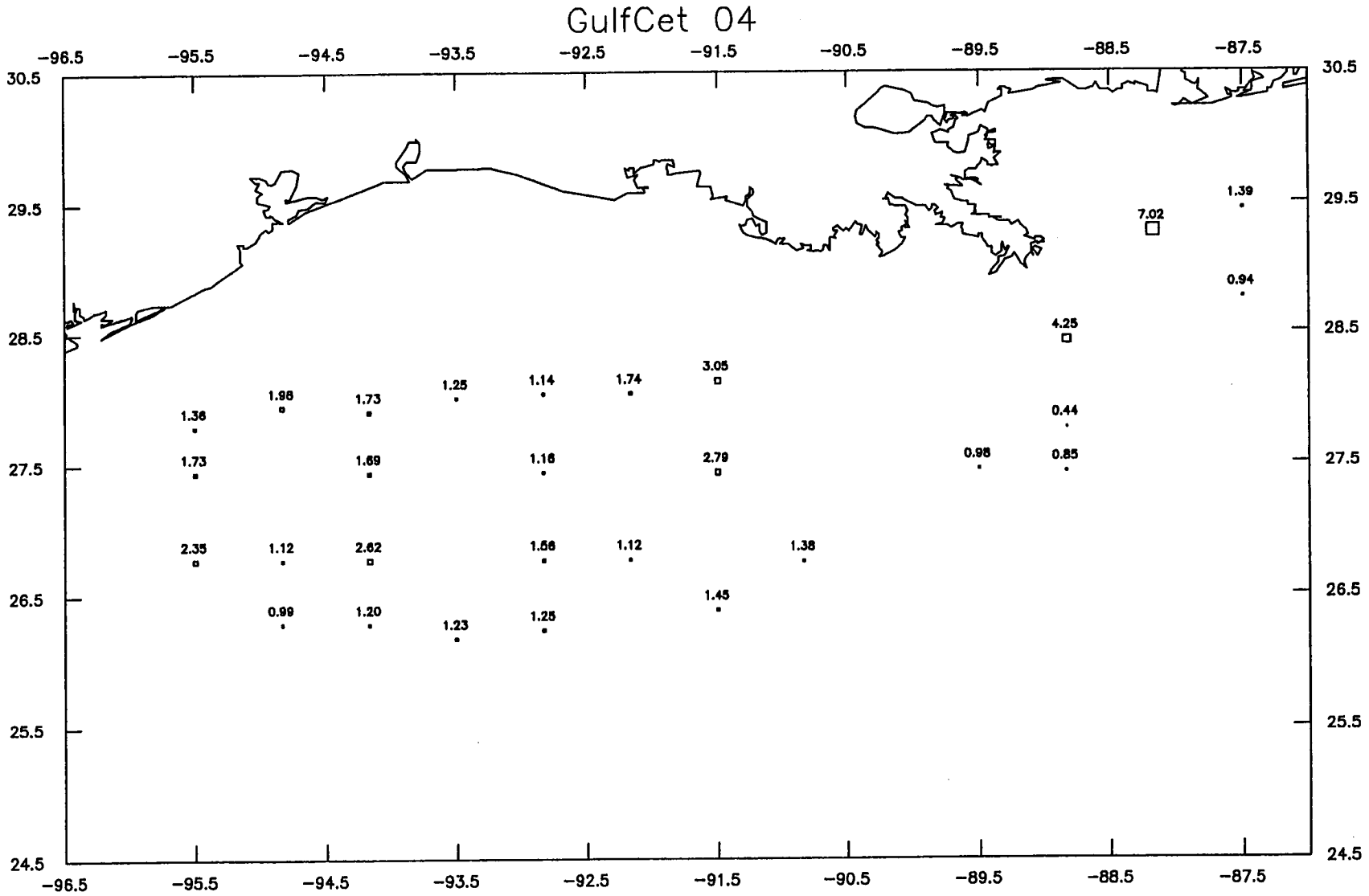


CTD Surface Salinity (PSU)

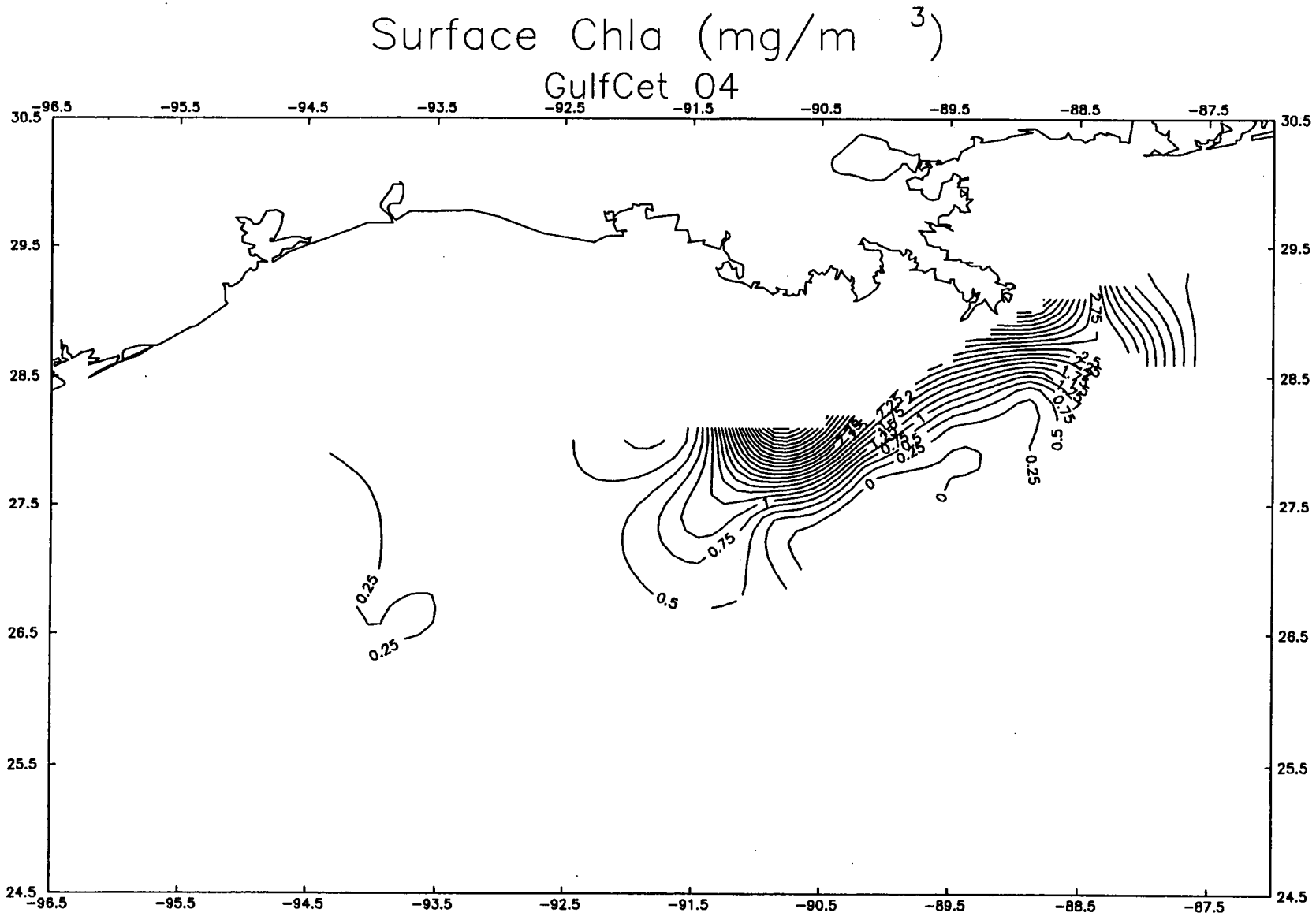
GulfCet 04

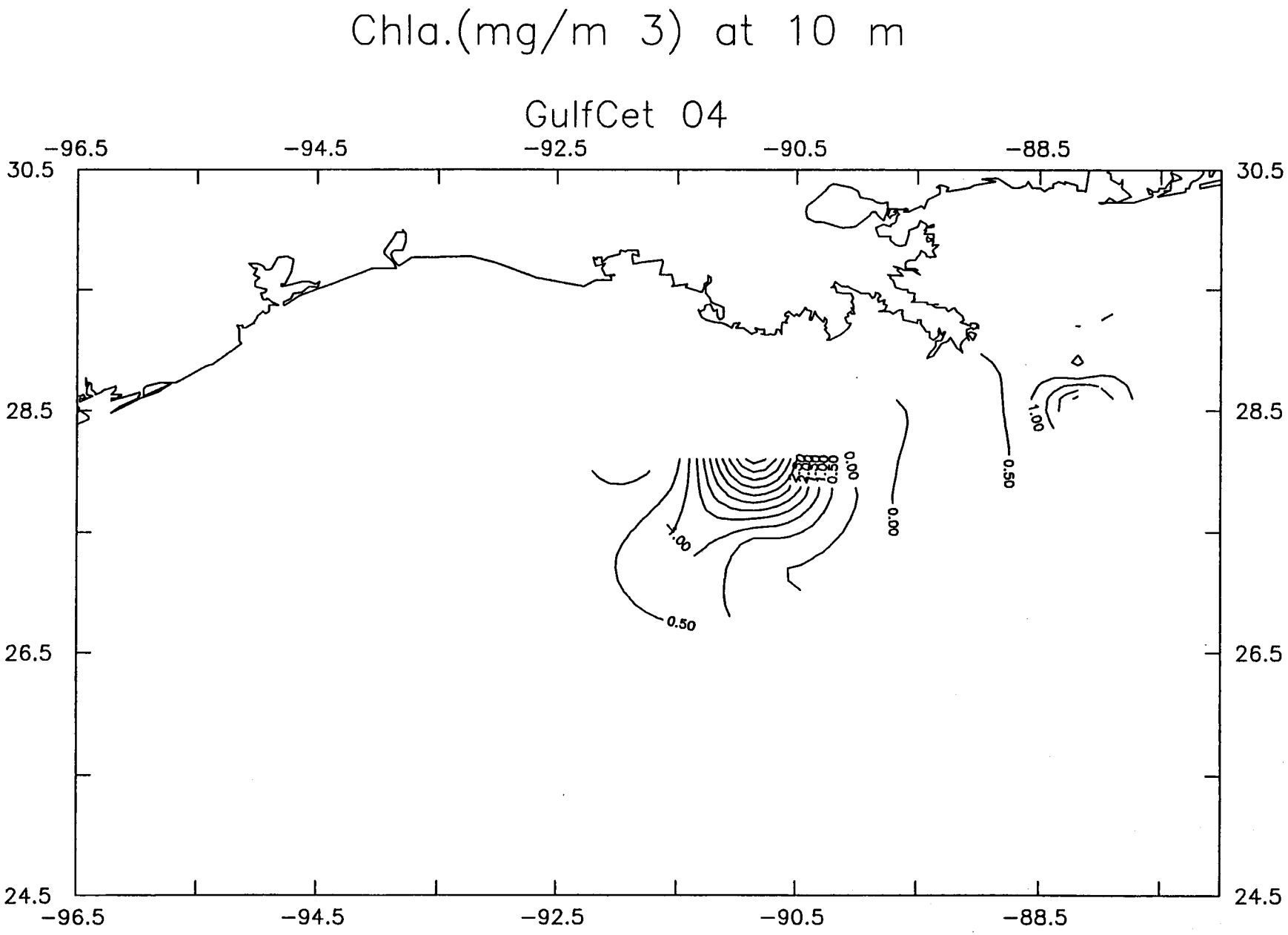


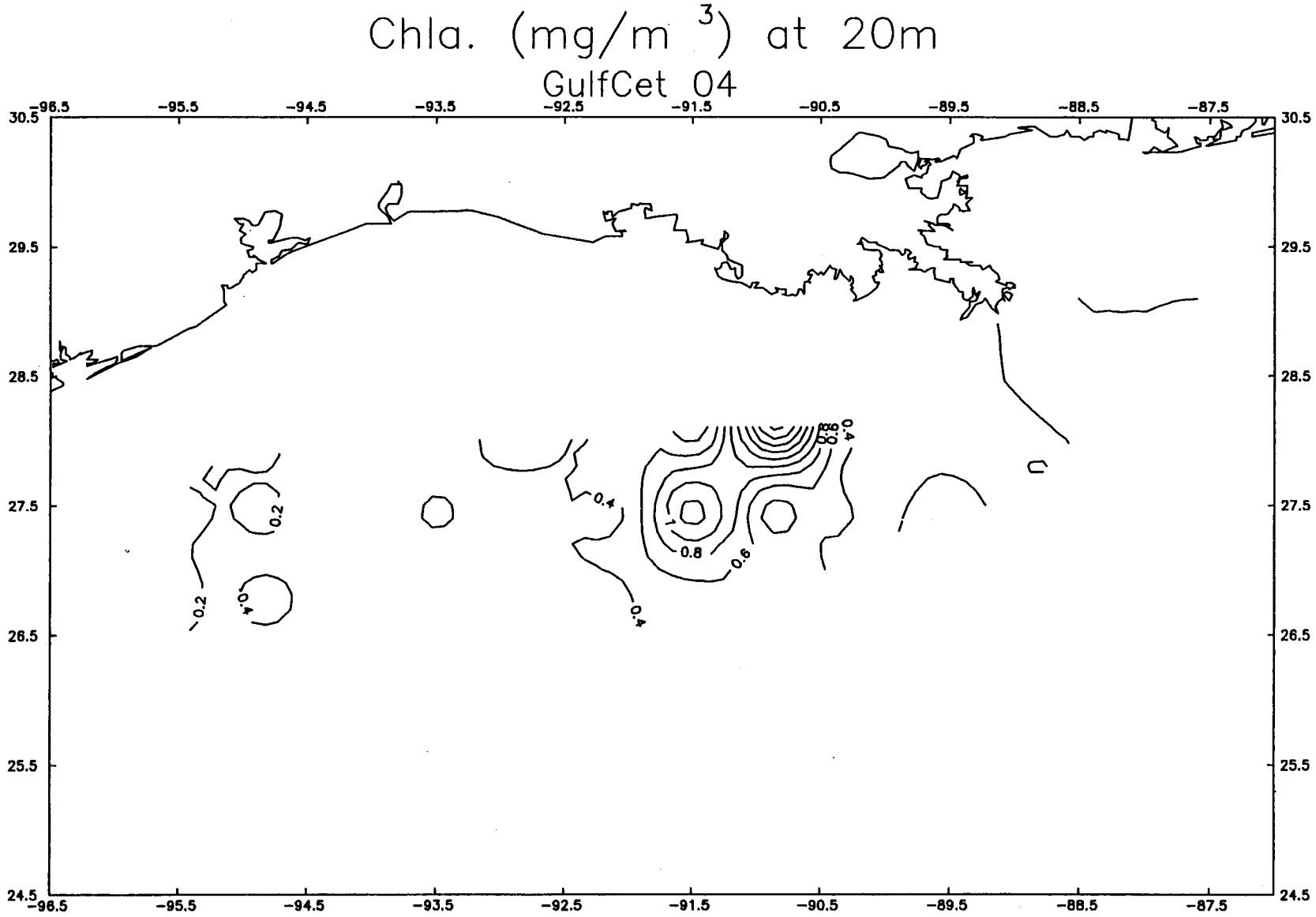
Fresh Water Fraction (%)



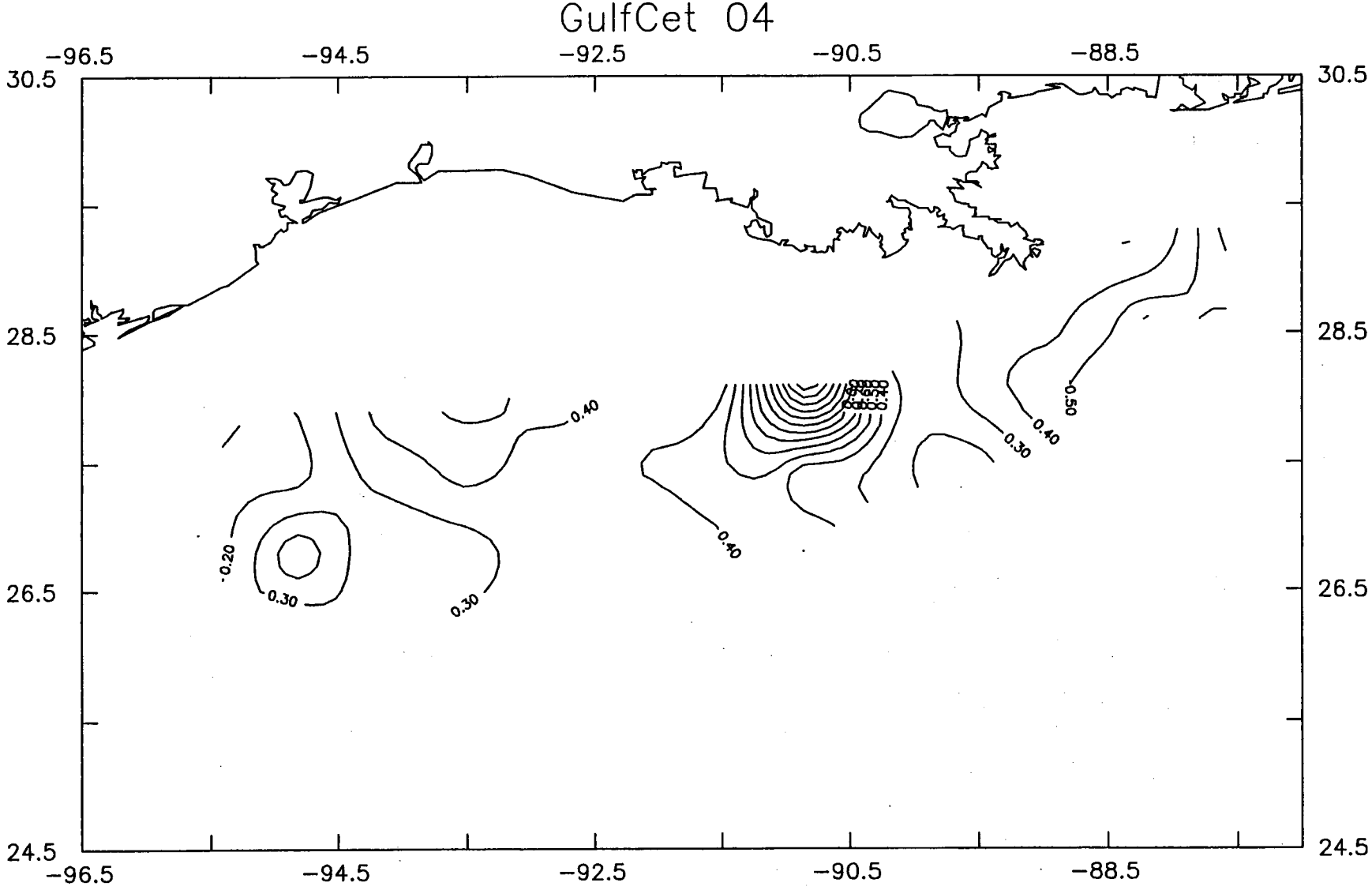
5.9 Chlorophyll Data


Surface Chla (mg/m 3)
GulfCet 04
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
0.25
0.5
0.75
1
1.25
1.5
1.75
2
2.25
2.5
0

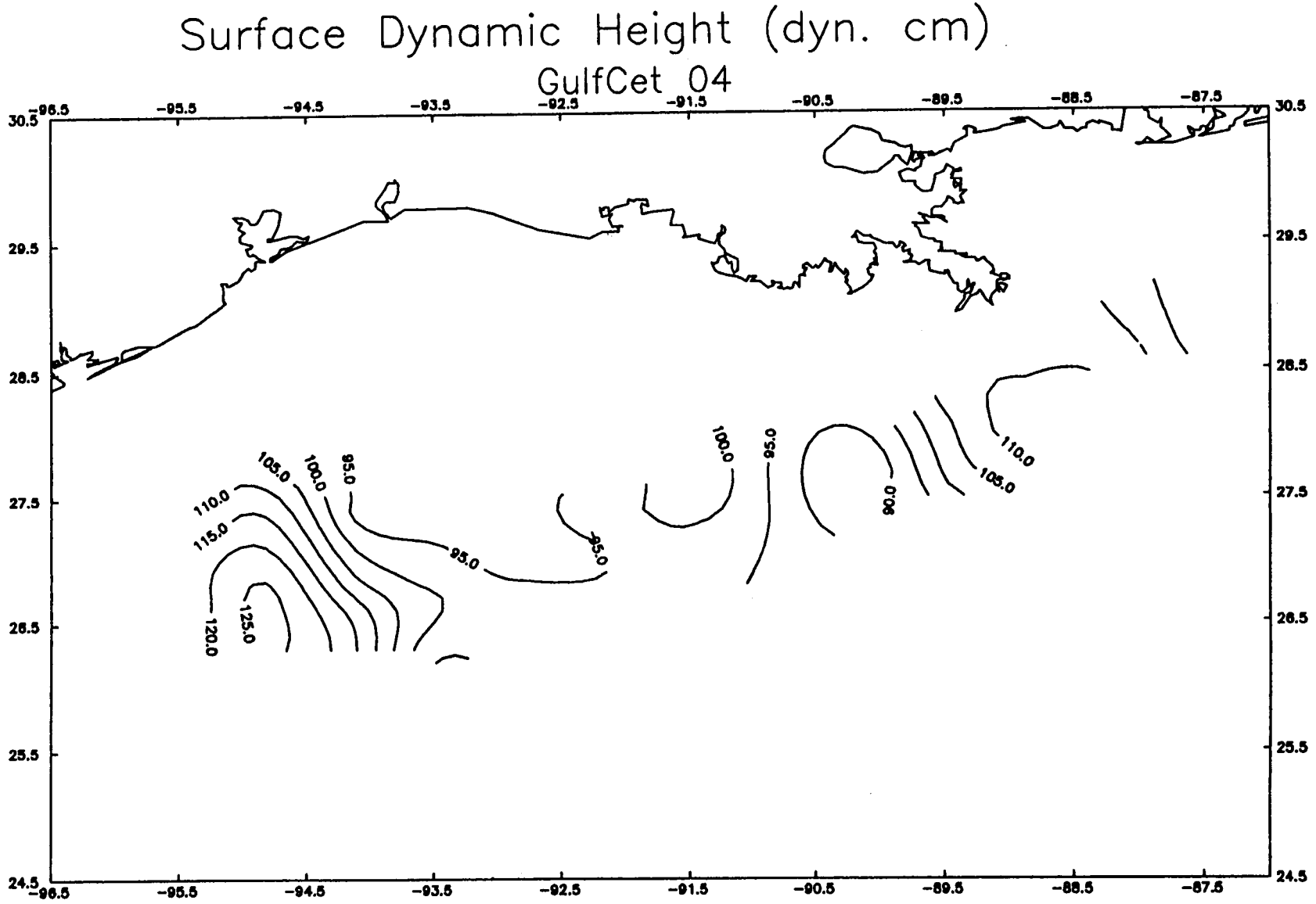

Chla.(mg/m 3) at 10 m
GulfCet 04
-96.5
-94.5
-92.5
-90.5
-88.5
30.5
28.5
26.5
24.5
1.00
0.50
0.00
0.00
0.50
1.00
0.50

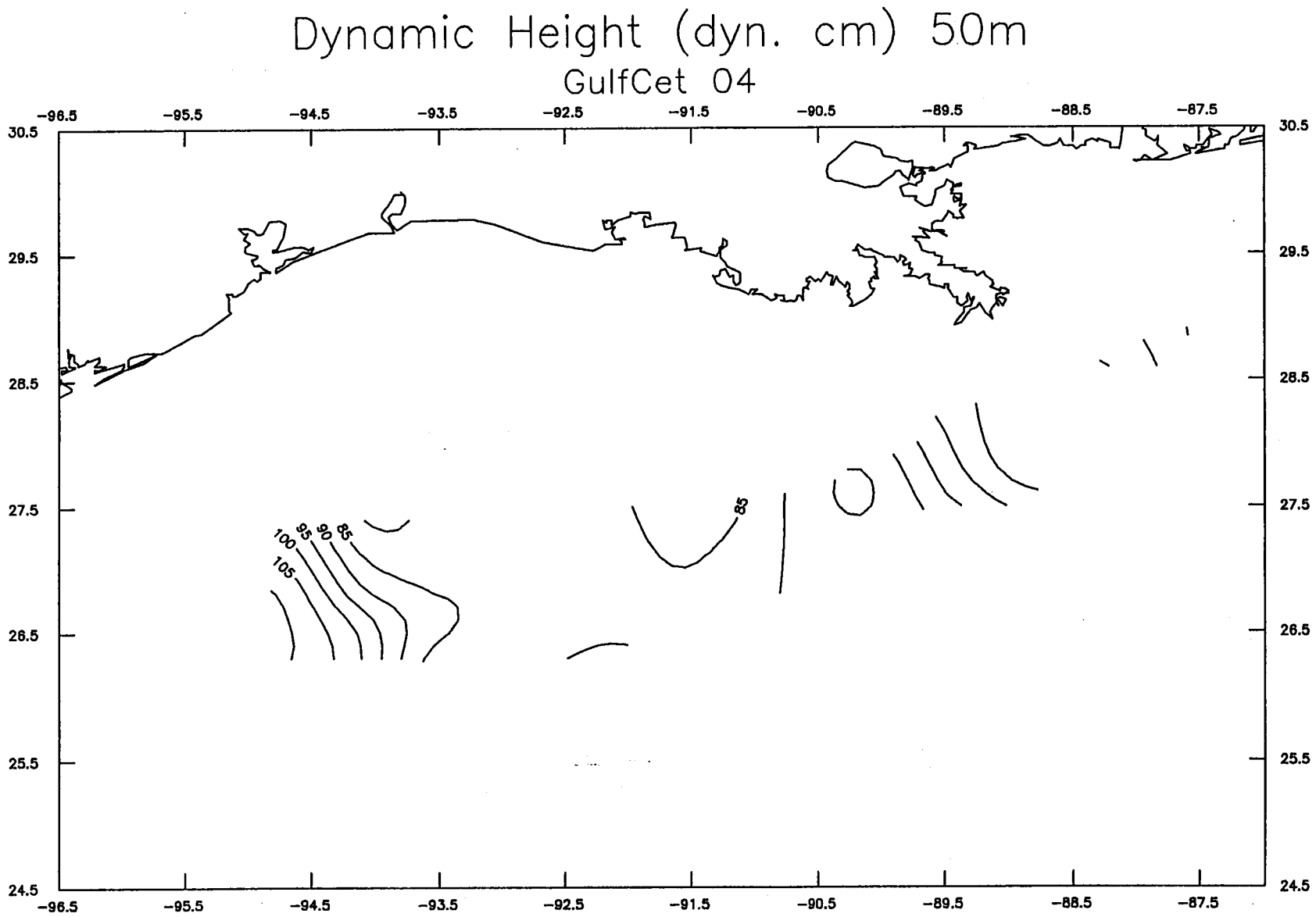

Chla. (mg/m 3) at 20m
GulfCet 04
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
0.2
0.4
0.6
0.8
1

Chla.(mg/m 3) at 30 m



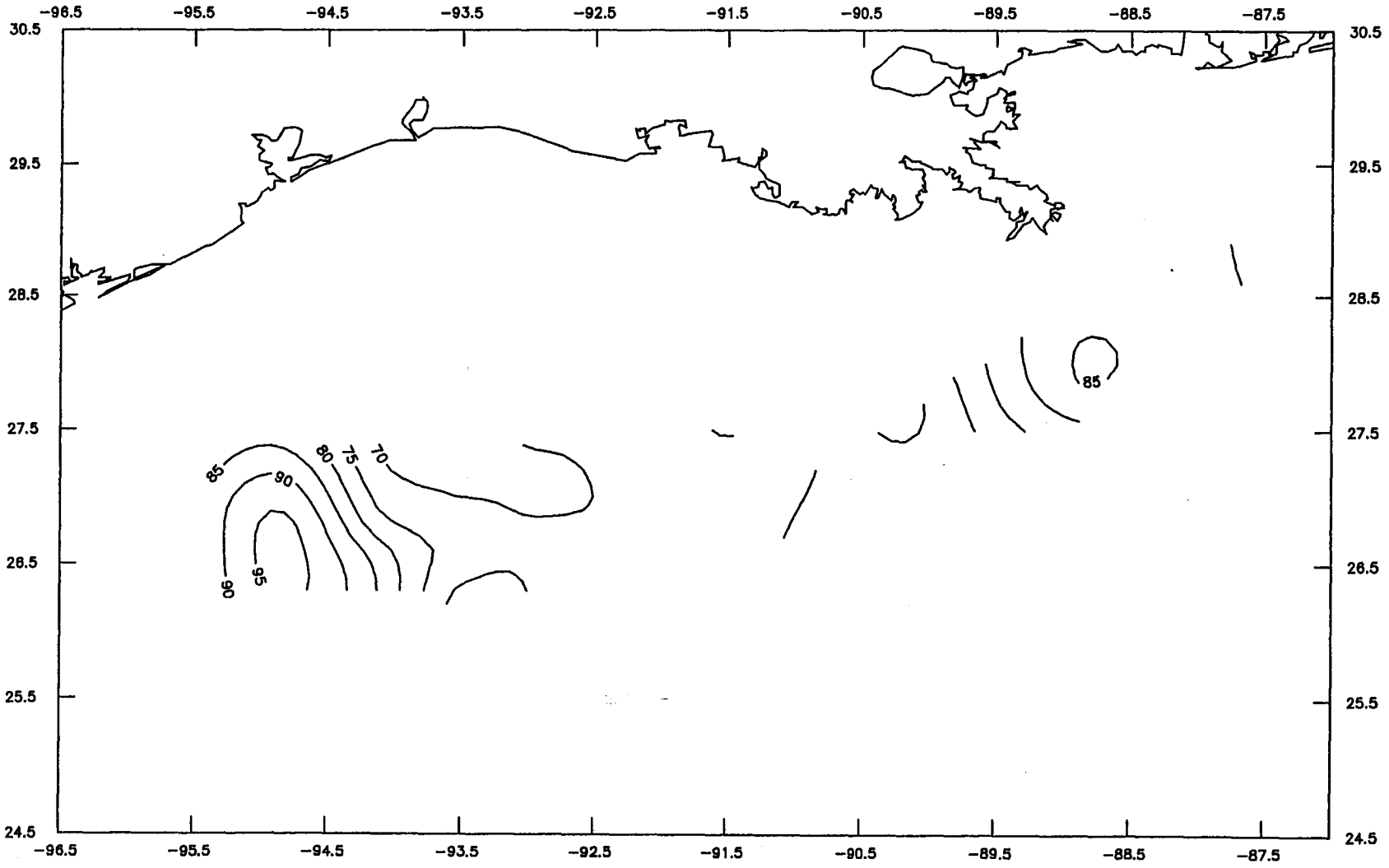
5.10 Dynamic Height Plots


Surface Dynamic Height (dyn. cm)
GulfCet 04
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
110.0
115.0
120.0
125.0
105.0
100.0
95.0
90.0


Dynamic Height (dyn. cm) 50m
GulfCet 04
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
100
105
95
90
85
85

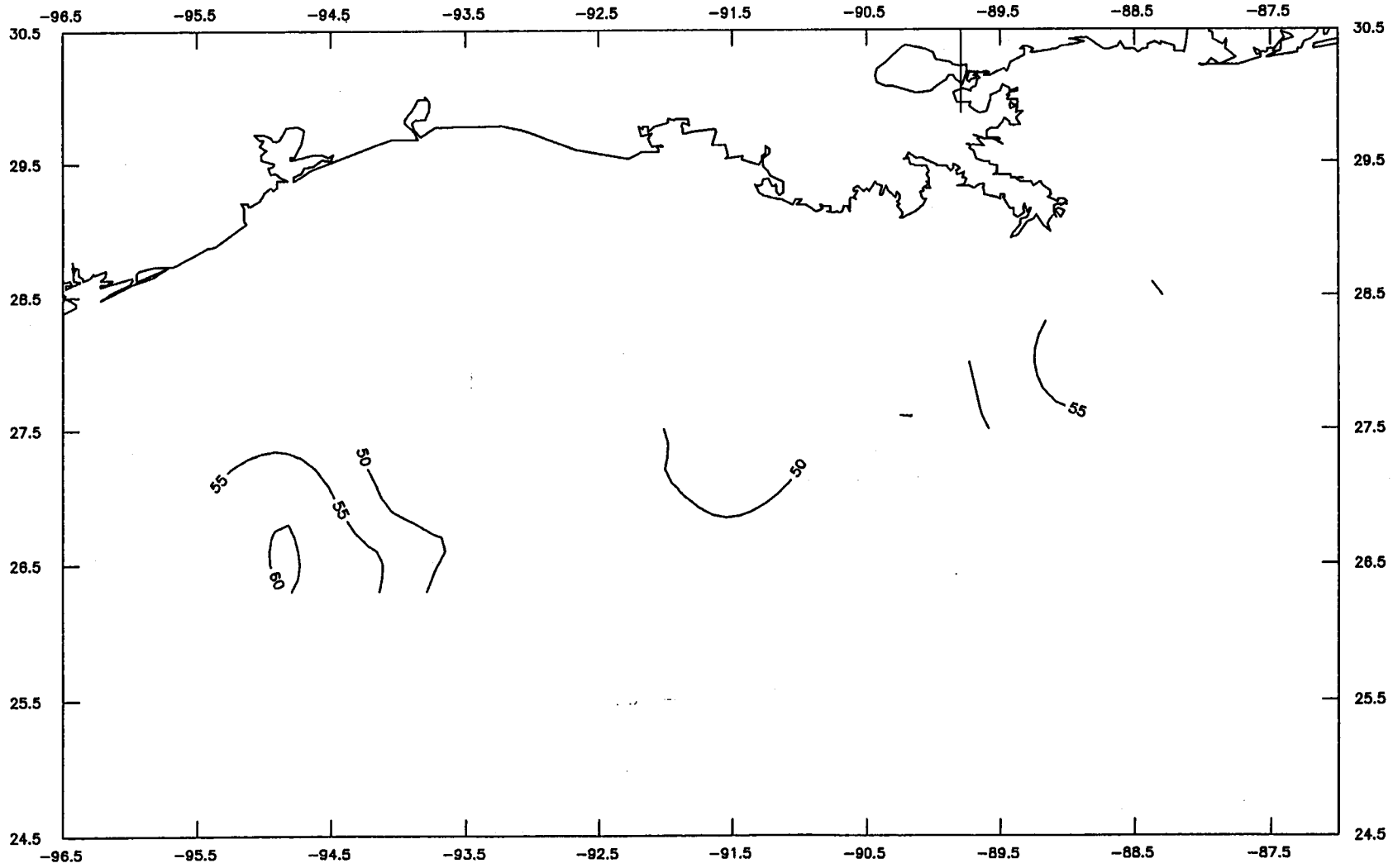
Dynamic Height (dyn. cm) 100m

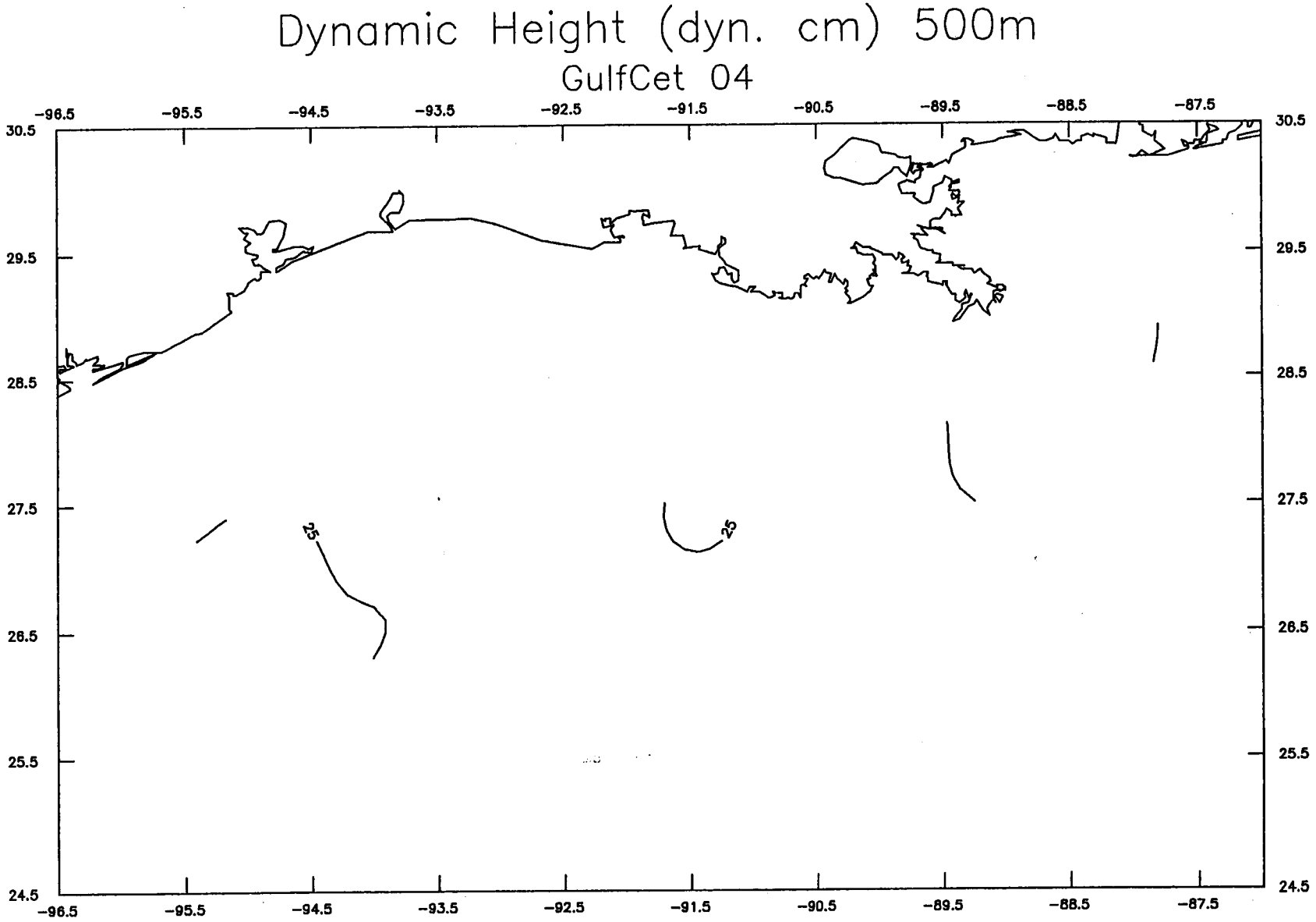
GulfCet 04



Dynamic Height (dyn. cm) 250m

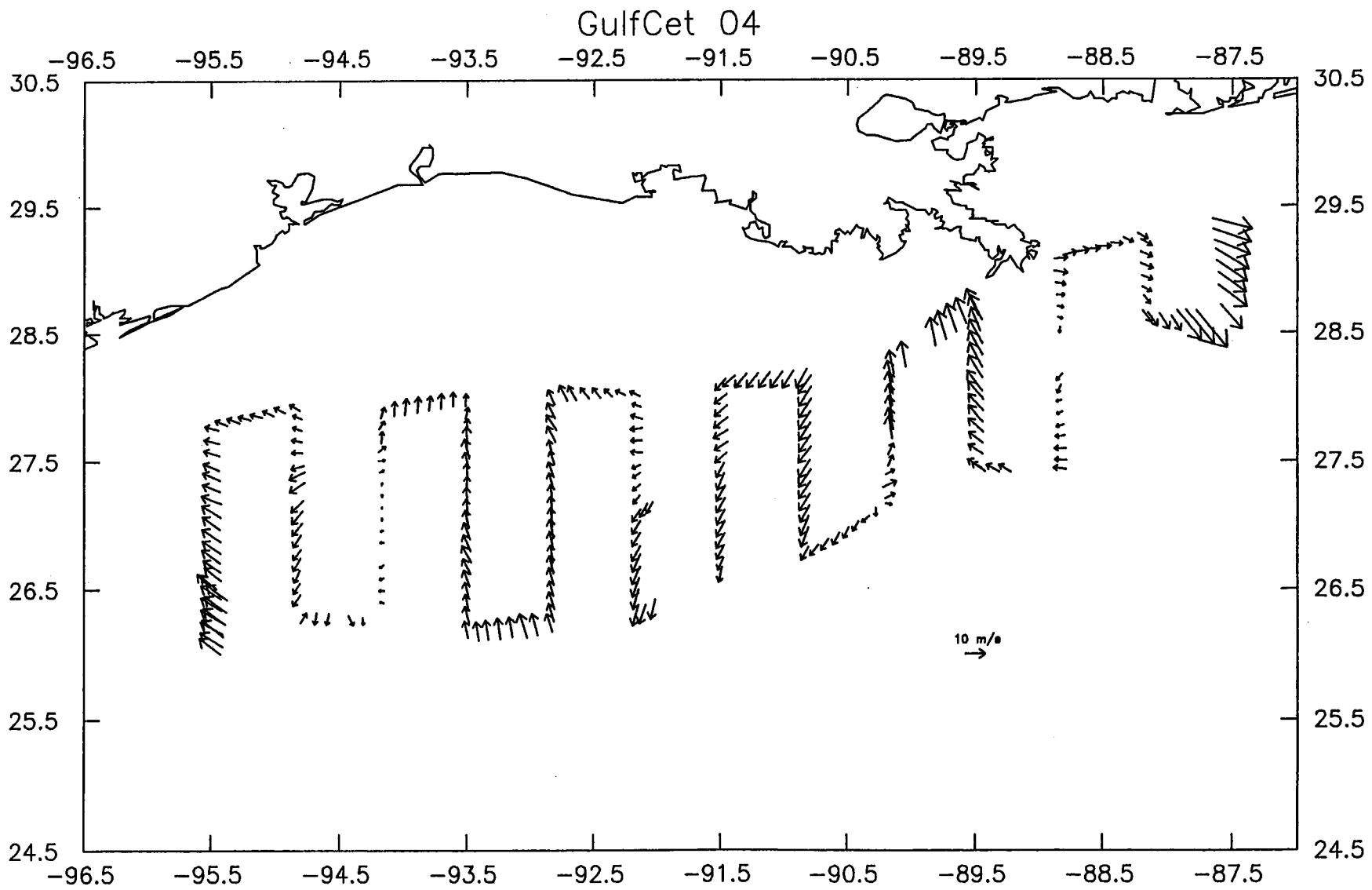
Gulfcet 04




Dynamic Height (dyn. cm) 500m
GulfCet 04
-96.5
-95.5
-94.5
-93.5
-92.5
-91.5
-90.5
-89.5
-88.5
-87.5
30.5
29.5
28.5
27.5
26.5
25.5
24.5
25
25

5.11 Wind Speed and Direction Plot

Wind Speed and Direction



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.