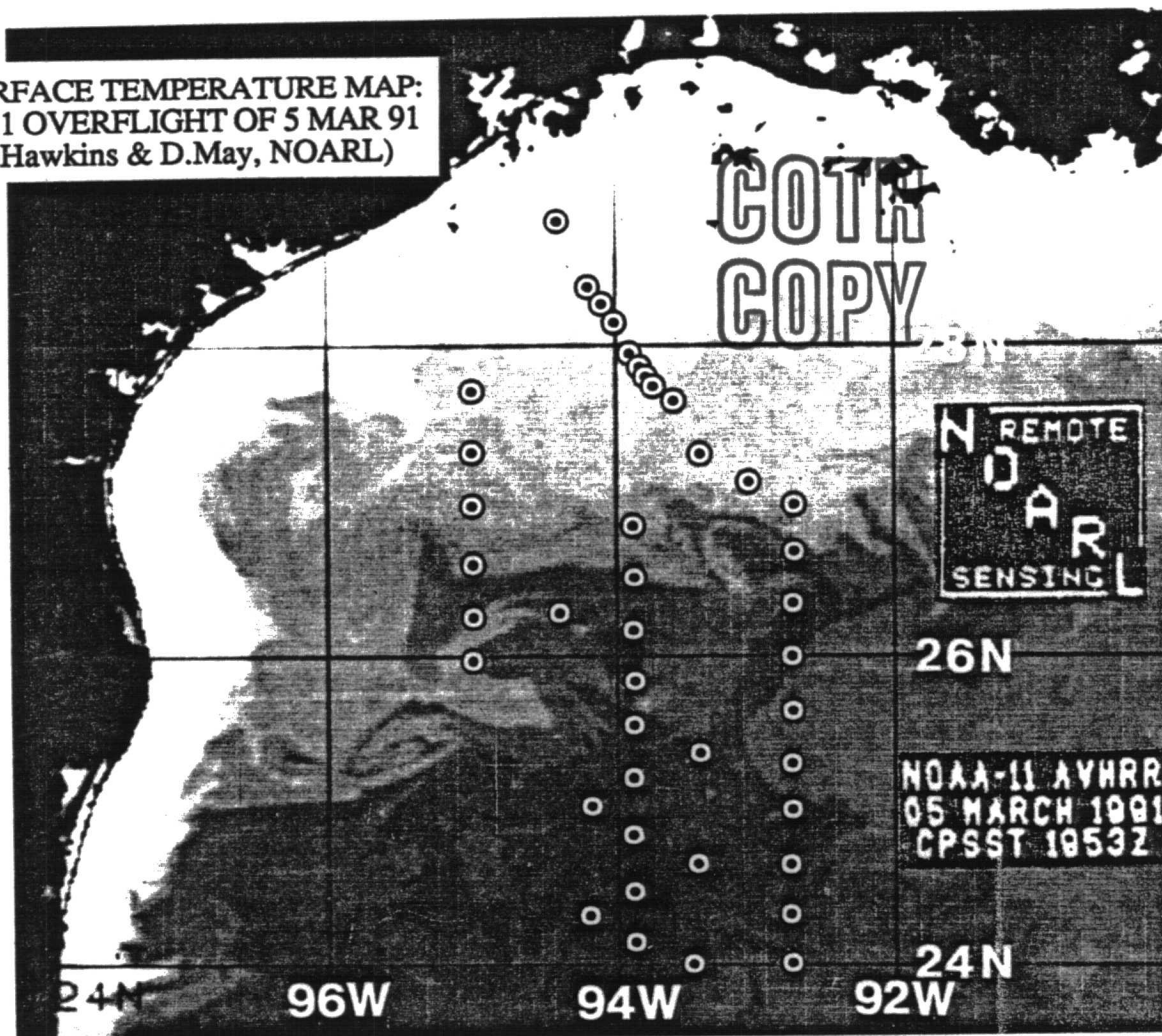


## HYDROGRAPHIC DATA FROM THE TEXAS CONTINENTAL SHELF AND THE NORTHWEST CONTINENTAL SLOPE OF THE GULF OF MEXICO:

Cruise 91G-02 of the TEXAS INSTITUTIONS GULF ECOSYSTEM RESEARCH (TIGER) and the ANALISIS MULTIDISCIPLINARIO de INVESTIGACIONES en GOLFO OCCIDENTALE (AMIGO), a cooperative initiative between Texas A&M University and the Secretaria de Marina

SEA SURFACE TEMPERATURE MAP:  
NOAA-11 OVERFLIGHT OF 5 MAR 91  
(from J.Hawkins & D.May, NOARL)



Technical Report 91-02-T of the Department of Oceanography  
of Texas A&M University, College Station, TX 77843

Prepared for the US Minerals Management Service by the Technical Support Services Group of Texas A&M University to archive oceanographic data collected in collaboration with U.S. Naval Oceanographic and Atmospheric Research Laboratory; the Direccion General de Oceanografia Naval de Mexico; and the Instituto de Ciencias del Mar y Limnologia, Universidad Nacional Autonoma de Mexico

*D.C. Biggs*

for TAMU Technical Support Services Group  
(D.C. Biggs, Technical Editor)

10 June 1991

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## BRIEF DESCRIPTION OF CRUISE AND SCIENTIFIC GOALS

Training and research in support of the Texas Institutions Gulf Ecosystem Research program was conducted with a shipboard science party of 20 persons, made up of Chief Scientist D.C. Biggs, 2 physical oceanographers visiting from the Manzanillo division of Mexico's Direccion General de Oceanografia Naval, a graduate student visiting from Mexico's Instituto de Ciencias del Mar y Limnologia at UNAM, 4 technicians from the TAMU Department of Oceanography, and 12 graduate students from TAMU Departments of Oceanography, Physics, Range Science, and the TAMUG Marine Mammal Program.

Cruise 91G-02 departed Galveston at 7:15 PM on 28 February and returned Galveston at 11 AM on 10 March. The principal science programs were inter-disciplinary, with goals to:

- 1) Resurvey the T/S and nutrients + oxygen + chlorophyll signature of the mesoscale anticyclonic ring "Quiet Eddy", to follow-up a preliminary hydrographic characterization of this feature done in October 1990, on Gyre cruise 90G-15;
- 2) Reoccupy hydrographic stations across the Texas continental shelf in water depths of 20m, 40m, 60m, and 100m off Galveston. Minimum sampling activities at each station included:
  - a) to profile the water column with CTD/rosette multisampler, taking bottle samples for analysis of salinity, nutrients, and chlorophyll;
  - b) to sample the sediments with a 12" x 12" Small Box Core, taking a pair of subsamples from each core for the determination of bacteria/meiofauna numbers and 15N isotopic signature;
  - c) to tow nets to sample phytoplankton and zooplankton standing stocks;
- 3) Measure light bottle/dark bottle 14C production, to compare primary productivity of the anticyclone with that of the adjacent slope;
- 4) Collect sinking particulate material with a drifting sediment trap;
- 5) Compare zooplankton standing stocks in the anticyclone with those over the adjacent slope, by making oblique tows with an open 1m net, 0-200-0m;
- 6) Filter 4 liters of water from 6 depths in the upper 200m at each slope water CTD station, for analysis of coccolithophorid composition ashore, using EM;
- 7) Measure surface temperature, salinity and chlorophyll continuously throughout the cruise to continue/extend our local reference base for remote sensing AVHRR data;
- 8) Measure near-surface currents, using GYRE's 150 kHz ADCP;
- 9) Do geochemical sampling in support of NSF-OCE funded project of P. Santschi, using
  - a) Multiple InSitu Pumping System (MIPS), which allows battery-operated in situ pumping at up to six user-selectable depths (six cartridge filters), to sample the distributions of thorium series radionuclides;
  - b) SeaStar battery-operated pumped samplers, to sample the vertical distribution of trace metals

## COLLABORATION WITH OTHER INSTITUTIONS

TIGER Cruise 91G-02 was planned in collaboration with physical oceanographers from the Mexican Navy and with remote sensing specialists from the US Naval Oceanographic and Atmospheric Research Laboratory (NOARL). In fact, this was the fourth "rings" cruise in the AMIGO initiative (Analysis Multidisciplinario de Investigaciones en Golfo Occidental), an ongoing program of cooperation between TAMU and Mexico's Direccion General de Oceanografia Naval. As for previous cruises in Fall 1987 (87G-11), Fall 1988 (88G-05), and Fall 1989 (89G-15), two Mexican oceanographers from the Navy flew to Texas to join us for the fieldwork. A graduate student from Dr. David Salas' physical oceanography group at the Instituto de Ciencias del Mar y Limnologia at UNAM also participated, bringing the total of visiting investigators to three persons.

While at sea, we were guided by remote sensing information about the mesoscale circulation field which NOARL radioed to us. As an example, a Cross-Product Sea Surface Temperature (CPSST) image from Advanced Very High Resolution Radiometer (AVHRR) data from 5 Mar 91 which is overlaid to show 91G-02 station locations is featured on the cover of this report. Note the surface expression of "Quiet Eddy", the large region of anticyclonic circulation which was centered near 24N and 94W. It is visible as an elliptical region of warm surface temperature bounded to the north, west, and east by cooler water. Note also the mesoscale warm filaments stretching north from the anticyclone, as well as the fine-scale eddy variability of surface temperature all across the continental slope.

## SUPPORT FOR DATA COLLECTION

Ship time for 91G-02 was shared between Texas A&M University (7 days) and NSF-OCE (3 days), and TAMU and NSF provide base salary for technical specialists in a Department of Oceanography pool comprised of autoanalyzer technicians, electronics technicians, and other marine technicians. In addition, a cooperative agreement 14-35-000130501 with the US Minerals Management Service supports the at-sea participation of four TAMU technicians on TIGER cruises and the preparation of technical reports to archive and share the hydrographic data. The full set of CTD and XBT data were archived with NOAA's National Oceanographic Data Center on 10 May 1991; these data were assigned NODC ID number 9100092. Although no confidentiality restrictions have been placed on these data, the principal investigators (D. Biggs from TAMU; J. Hawkins from NOARL; A. Vazquez from SEDEMAR; D. Salas from UNAM) request the right of first publication.

The T-5 XBTs that were deployed on this cruise were provided by the NOARL "Loop Group".

## TYPES OF DATA COLLECTED

- CTD** : Seabird SBE-09 CTD w SeaTech 25cm pathlength transmissometer:  
4 shelf stations (01; 02; 04; 06) + 16 slope stations (09; 18; 20; 24; 26; 28;  
also 34; 35; 40; 41; 42; 42A; 43; 44; 47; 48)
- XBT**: Sippican T4 or T7 probes: 4 stations (03; 05; 07; 08)  
Sippican T5 probes: 28 stations (10-25; 27; 29-33; 36-40; 45)
- ADCP**: R D Instruments 150 kHz:  
ensemble average data were logged every 5 min, both underway and on station
- Surface Temperature & Salinity**: Guildline thermosalinograph mounted in bow (depth = 3m):  
data were logged to SAIL system once per minute, both underway and on station
- Chlorophyll measurements**: a) in vivo fluorescence of water pumped to main lab from a sea chest  
in Gyre's hull was measured w a Turner Designs model-10 fluorometer (flow-through data  
were logged to SAIL system once per minute); b) extracted CHL was measured with a  
second TD model-10, from all bottles in upper 200m, each CTD station
- Nutrient measurements**: on board, with IWA-6 autoanalyzer: all bottles, each CTD station  
(nitrate, nitrite, ammonium, silicate, phosphate were analyzed)
- Dissolved Oxygen measurements**: on board, by manual titration with Dossimat microburette:  
all bottles, CTD stations from # 24 on
- Primary Production measurements**: 5 stations (#18 + #24 within the anticyclone; plus  
#40, #42A, #47 over the surrounding slope)
- pH and Alkalinity**: 3 depths (5m; 60m; 105m) at each CTD cast for 14C uptake
- Net Tows**: oblique tows 0-200-0m w 333-um mesh open 1m net for zooplankton;  
vertical tows 0-100-0m w 20-um mesh open net for phytoplankton
- Bathymetry**: 12 kHz hull-mounted measurement, to check water depth at each CTD station
- Box Coring**: 2 each at the 4 shelf stations (01; 02; 04; 06) outbound from Galveston, plus 2 each  
at 4 stations over the upper slope (09; 46; 47; 49), plus 1 each from shelf depths of 100m,  
60m, 40m and 20m inbound to Galveston (stations 50-53).
- Meteorological Observations**: standard Marine Coastal Weather Log data were logged every 2 h  
for the first 2 days; then every 4 h (see pp 17-20). The wet-bulb/dry-bulb measurements  
were made at the request of meteorologists from the National Severe Storms Laboratory,  
who were working from Mobil's platform 617.

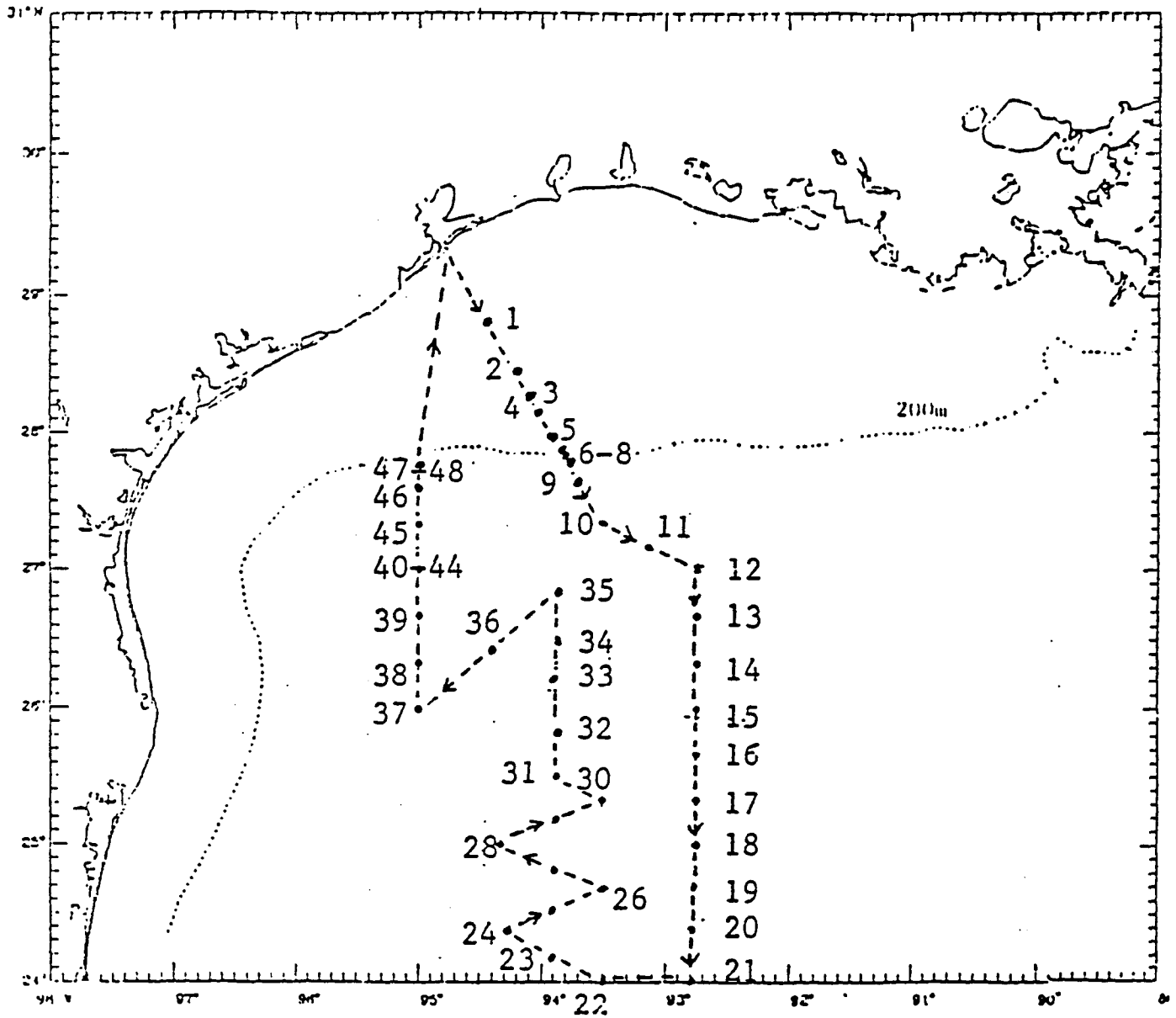
## 91G-02 SCIENTIFIC PERSONNEL

01	D.C. Biggs	Chief Scientist	TAMU Department of Oceanography
02	Enrique Gamez	Visiting Scientist	Mexico Secretaria de Marina (SEDEMAR)
03	Rafael Clemente	Visiting Scientist	" "
04	Javier Aldeco	Visiting Grad Student	Mexico National University (UNAM)
05	David Murphy	Electronics Technician	TAMU Department of Oceanography
06	David Voegelé	" "	" "
07	Ken Bottom	Marine Technician	" "
08	Greg Warr	" "	" "
09	Diego Lopez	Graduate Student	" "
10	Lionel Sanchez	" "	" "
11	Dan Roelke	" "	" "
12	Randy Runnels	" "	" "
13	Laodong Guo	" "	" "
14	Liang-Saw Wen	" "	" "
15	Jiasong Fang	" "	" "
16	Evelyn Meyers	" "	" "
17	Susanne Mechler	" "	" "
18	Robert Bell	" "	TAMU Department of Physics
19	Desiree Voegelé	" "	TAMU GIS group (and Dept Range Science)
20	Dagmar Fertl	" "	TAMUG Marine Mammals Program

### SPECIAL THANKS TO:

... the crew chartered to staff GYRE from Hornbeck Offshore Services and to Desmond Rolf, David Barrow, and Dean Letzring, who sailed with us from the TAMU Marine Operations group in Galveston to run GYRE's winches, cranes, and A-frames.

CRUISE TRACK FOR R/V GYRE CRUISE 91G-02 (1-10 MARCH 1991). DOTS MARK THE LOCATION OF CTD OR XBT STATIONS; A TIME-SERIES OF CTD CASTS WAS DONE AT 9 AM, NOON, 8PM, 5AM, AND 1 PM LOCAL TIME ON 7-8 MARCH AT A LOCATION OVER THE MIDDLE SLOPE AT 27.0N & 95.0W (STATIONS 40-44), WHILE GYRE FOLLOWED A BUOY WHICH MARKED THE LOCATION OF A SUBSURFACE DRIFTING SEDIMENT TRAP ARRAY.





Vessel R/V CYRE

Date	Time GMT	Station Number	Position		Type of Fix	Drift on Station		*Show position & time of course & speed changes, & beginning & end of all stations	O.O.W
			Latitude	Longitude		Distance (miles)	Direction (degrees)		
MARCH 2	0115	—						DEPART BILVESTON POSITION	
2	0200	—	29°22.34	94°44.18	LORAN			POSITION	
2	0230	—	29°19.03	94°39.01	LORAN			POSITION	
2	0320	TOW #1	29°11.67	94°35.21	GPS			1 METER NET TOW (OVER)	
2	0332	TOW #1	29°12.63	94°36.08	LORAN			Towed 12 minutes TOW ON BOARD	
2	0429	TOW #2	29°05.29	94°32.71	LORAN			1 METER NET TOW (OVER)	
2	0443	TOW #2	29°05.06	94°32.58	LORAN			Towed 12 minutes TOW ON BOARD	
2	0529	TOW #3	28°59.33	94°29.91	LORAN			1 METER NET TOW (OVER)	
2	0545	TOW #3	28°58.93	94°29.90	LORAN			Towed 15 minutes TOW ON BOARD	
2	0623	TOW #4	28°54.04	94°27.95	LORAN			1 METER NET TOW (OVER)	
2	0639	TOW #4	28°53.69	94°27.82	LORAN			Towed 15 minutes TOW ON BOARD	
2	0723	STATION	28°48.19	94°25.09	LORAN			CTD OVER	
2	0732	1	28°48.32	94°25.18	LORAN			CTD ON BOARD	
2	0738	1	28°48.38	94°25.22	LORAN			BOXCORE - BOTTOM - 27 meters <del>small no shell - dumpy</del> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">NO FOOD</span>	
2	0742	1	28°48.40	94°25.19	LORAN			BOXCORE - BOTTOM - 22 meters 1 of 2	
2	0750	1	28°48.46	94°25.11	LORAN			BOXCORE - BOTTOM - 22 meters 2 of 2	
2	0806	1	28°48.58	94°25.01	LORAN			PP TOW OVER - 20 METERS	

2	0814	1	28°43.74	94°25.24	LORAN			PP TOW: ON DECK	
2	0818	TOW #5	28°43.75	94°24.97	LORAN			ZP TOW OVER	
2	0830	TOW #5	28°48.71	94°24.64	LORAN			Towed 12 minutes ZP TOW ON BOARD	
2	0834	1	28°48.72	94°24.52	LORAN			PP TOW - HORIZONTAL - OVER	
2	0839	1	28°48.75	94°24.45	LORAN			PP TOW - SURFACE	
2	0900	—	28°46.08	94°23.07	LORAN			POSITION	
2	0946	TOW #6	28°40.34	94°20.11	LORAN			ZP TOW OVER	
2	0958	TOW #6	28°40.41	94°19.74	LORAN			Towed 12 minutes ZP TOW ON BOARD	
2	1030		28°36.70	94°17.75	LORAN			POSITION	
2	1100		28°31.37	94°14.44	LORAN			POSITION	
2	1130		28°27.82	94°12.58	GPS			POSITION	
2	1152	CTD #2	28°25.46	94°11.03	GPS			CTD #2 OVER	
2	1154	#2	28°25.47	94°11.03	GPS			CTD BOTTOM	
2	1157	#2	28°25.51	94°11.03	GPS			CTD ON BOARD	
2	1230	#2	28°25.30	94°11.03	GPS			MIPS OVER: 24	
2	1300	#2	28°25.74	94°10.77	GPS			POSITION <span style="float: right;">dumpy</span>	

Vessel R/V GYRE

Date	Time (GMT)	Station Number	Position		Type of Fix	Drift on Station		*Show position & time of course & speed changes, & beginning & end of all stations	O.O.U
			Latitude	Longitude		Distance (miles)	Direction (degrees)		
2	1330	#2	28°25'53	94°10'63	GPS			POSITION	
2	1433	#2	28°26'.03	94°10'.34	GPS			MIPS ONBOARD	
2	1437	Tow #7	28°26'.04	94°10'.37	GPS			TOW OVER (2P) #7	
2	1449	Tow #7	28°25'.91	94°10'.62	GPS			2P TOW ONBOARD #7	
2	1452	#2	28°25'.86	94°10'.71	GPS			PP TOW OVER	
2	1500	#2	28°25'.78	94°10'.85	GPS			PP TOW ONBOARD	
2	1502	#2	28°25'.72	94°10'.95	GPS			VERT PP TOW OVER	
2	1517	#2	28°25'.86	94°10'.94	GPS			VERT PP ONBOARD	
2	1522	#2	28°25'.89	94°10'.94	GPS			Box Core Bottom -	(No 500)
2	1538	#2	28°25'.36	94°10'.69	GPS			Box Core Bottom 42m	1 of 2
2	1548	#2	28°25'.42	94°10'.63	GPS			Box Core Bottom	2 of 2
2	1652	#3	28°16'.17	94°05'.07	GPS			XBT LAUNCHED (T4)	
2	1753	#4	28°08'.53	94°01'.13	LORAN			CTD - OVER	No bottles
2	1756	#4	28°08'.59	94°01'.11	LORAN			CTD - BOTTOM 53 METERS	tripped
2	1801	#4	28°08'.65	94°01'.07	LORAN			CTD - ON BOARD	
2	1816	#4	28°08'.87	94°00'.93	LORAN			CTD OVER	Again
2	1819	#4	28°08'.88	94°00'.89	LORAN			CTD - BOTTOM - 53 METERS	76 bottles
2	1823	#4	28°08'.93	94°00'.85	LORAN			CTD - SURFACE	tripped
2	1843	#4	28°09'.21	94°00'.68	LORAN			BOX CORE - BOTTOM 54 METERS	1 of 2
2	1858	#4	28°09'.40	94°00'.62	LORAN			BOX CORE - BOTTOM	2 of 2
2	1929	#4	28°09'.81	94°00'.38	LORAN			2P TOW - OVER	
2	1943	#4	28°09'.55	93°59'.82	LORAN			2P TOW - ON DECK	
2	1946	#4	28°09'.49	93°59'.78	LORAN			PP TOW OVER - HORIZ	
2	1958	#4	28°09'.57	93°59'.46	LORAN			PP TOW ONBOARD - HORIZ	
2	1959	#4	28°09'.33	93°59'.44	LORAN			P.P. TOW OVER - VERTICAL	
2	2014	#4	28°09'.48	93°59'.28	LORAN			P.P. TOW	
2	2030	—	28°06'.58	93°58'.79	LORAN			POSITION	
2	2100	—	28°02'.25	93°56'.02	LORAN			POSITION	
2	2130	#5	27°58'.12	93°53'.31	LORAN			XBT (T7)	
2	2151	#6	27°56'.24	93°52'.61	GPS			LTD OVER - 92 METERS	No bottle
2	2157	#6	27°56'.33	93°51'.69	GPS			LTD BOTTOM - 92 m	tripped

Vessel RV GYRE

Cruise No. 91-G-2

Date	Time GMT	Station Number	Position		Type of Fix	Drift on Station		*Show position & time of course & speed changes, & beginning & end of all stations	O.O.H
			Latitude	Longitude		Distance (miles)	Direction (degrees)		
2	2205	6	27°56'42"	93°51'55"	GPS	(NO BOTTLES TRIPPED)		CTD SURFACE	
2	2214	6	27°56'50"	93°51'38"	GPS	WASHED OUT		<del>Box CORE Bottom</del> <sup>95m</sup> <del>Bottom</del>	(No Pool)
2	2219	6	27°56'52"	93°51'24"	GPS			Box CORE Bottom <sup>95m</sup>	1 of 2
2	2235	6	27°56'65"	93°50'43"	GPS			Box CORE Bottom <sup>95m</sup>	2 of 2
2	2246	6	27°56'72"	93°50'66"	GPS			Horz. P.P. TOW OVER	
2	2258	6	27°56'36"	93°50'42"	GPS			Horz. P.P. TOW ONBOARD	
2	2302	6	27°55'20"	93°50'24"	GPS			ZP TOW OVER	
2	2314	6	27°55'43"	93°50'19"	GPS			ZP TOW ONBOARD	
<del>2</del>	<del>2315</del>	<del>6</del>	<del>27°55'46"</del>	<del>93°50'13"</del>	<del>GPS</del>			<del>VERT. PP TOW OVER</del>	
2	2332	6	27°55'75"	93°45'78"	GPS			VERT. PP TOW ON BOARD	
3	0032	6	27°56'42"	93°51'29"	LORAN			MIPPS OVER	
3	0040	6	27°56'38"	93°51'12"	LORAN			MIPPS (90m)	1 hr
3	0143	6	27°56'43"	93°50'13"	LORAN			MIPPS ON BOARD	
3	0209	6	27°56'35"	93°49'41"	LORAN			-BEGIN RAISING - MIPPS OVER TO (25m)	+
3	0315	6	27°55'25"	93°49'28"	LORAN			-CONTINUE RAISING - RAISED MIPPS TO (15m)	3 hr
3	0420	6	27°53'42"	93°49'48"	GPS			-CONTINUE RAISING - RAISED MIPPS TO (5m)	pulling
3	0519	#6	27°53'32"	93°50'02"	LORAN			MIPPS SUBARR	
3	0752	#7	27°54'15"	93°52'07"	LORAN			MIPPS OVER; z=117m	
3	0754	#7	27°54'13"	93°52'05"	LORAN			MIPPS (90 METERS)	2 hr
3	0829	#7	27°53'47"	93°51'60"	LORAN			MIPPS (25 METERS); 15m	pulling
3	0946	#7	27°54'01"	93°51'50"	LORAN			MIPPS ON BOARD	
3	1115	#7	27°53'87"	93°51'83"	LORAN			XBT (T7)	
3	1144	#8	27°50'05"	93°48'07"	LORAN			XBT (T4)	
3	1220	#9	27°44'10"	93°45'08"	LORAN	Duo		XBT (last of T7)	
<del>3</del>	<del>1233</del>	<del>#9</del>	<del>27°43'58"</del>	<del>93°44'78"</del>	<del>GPS</del>			<del>Box CORE Bottom</del> <sup>201m</sup> <del>(278m)</del>	1 of 2
3	1249	#9	27°43'37"	93°44'29"	GPS			Box CORE Bottom	2 of 2
3	1307	#9	27°43'34"	93°44'88"	GPS			ZP TOW (fished)	
3	1310	#9	27°43'31"	93°44'97"	GPS			ZP TOW Bottom <sup>+100m</sup>	
3	1319	#9	27°43'20"	93°44'91"	GPS			VERT TOW P.P.	
3	1322	#9	27°43'15"	93°44'84"	GPS			VERT TOW Bottom <sup>+100m</sup>	
3	1334	#9	27°43'00"	93°44'74"	GPS			Horz TOW OVER	
3	1345	#9	27°42'25"	93°45'65"	GPS			Horz. TOW ON BOARD	

Vessel

RN GYRE

Date	Time GMT*	Station Number	Position		Type of Fix	Drift on Station		*Show position & time of course & speed changes, & beginning & end of all stations	O.O.W
			Latitude	Longitude		Distance (miles)	Direction (degrees)		
2	1400	#7	27°42'34"	93°45'57"	GPS			CTD OVER	
2	1435	#7	27°42'54"	93°45'24"	GPS			CTD on Bottom <sup>250 m</sup>	
3	1410	#9	27°42'47"	93°45'15"	GPS			CTD ON BOARD	
3	1522	—	27°35'87"	93°40'118"	GPS	(RELOCATE STA. #10)		<del>3 ATTEMPTS TO REY CASE</del> (NO CORES)	
3	1750	#10	27°19'40"	93°29'26"	GPS			XBT LAUNCHED (T5)	
3	2000	#11	27°10'10"	93°08'50"	GPS			XBT - LAUNCHED	
3	2218	#12	27°00'00"	92°44'48"	GPS			XBT LAUNCHED	
3	2228	#12	27°00'05"	92°44'44"	GPS			ZP TOW (fished to 200m)	
<del>3</del>	<del>2243</del>	<del>#12</del>	<del>27°00'19"</del>	<del>92°45'18"</del>	<del>GPS</del>			<del>ZP on Board</del>	
4	0046	#13	26°40'01"	92°45'01"	LORAN	DUD		XBT LAUNCHED	
4	0049	#13	26°39'65"	92°44'49"	LORAN	DUD		XBT LAUNCHED	problem w data collector
4	0116	#13	26°39'76"	92°45'08"	LORAN	DUD		XBT LAUNCHED	
4	0122	#13	26°40'43"	92°44'41"	LORAN	DUD		XBT LAUNCHED	
4	0159	#13	26°40'13"	92°44'07"	GPS	DUD		XBT LAUNCHED	
4	0213	#13	26°39'72"	92°44'11"	LORAN			XBT LAUNCHED - Good!	
4	0424	#14	26°20'00"	92°45'17"	LORAN			XBT LAUNCHED	
4	0434	#14	26°19'72"	92°44'75"	LORAN			ZP 200 METERS (1 METER NET) TOW OVER	
4	0458	#14	26°20'22"	92°44'99"	LORAN			ZP (1 METER NET) TOW ON BOTTOM	
4	0714	#15	26°00'31"	92°45'39"	LORAN			XBT LAUNCHED	
4	0918	#16	25°40'54"	92°45'56"	LORAN			XBT LAUNCHED	
4	0934	#16	25°39'73"	92°45'23"	LORAN			1 METER (ZP) TOW OVER	
4	1001	#16	25°40'00"	92°46'36"	LORAN			Z.P. TOW SURFACE	
4	1202	#17	25°20'48"	92°45'48"	GPS			XBT LAUNCHED	
4	1404	#18	25°00'29"	92°45'29"	LORAN			XBT LAUNCHED	
4	1422	#18	25°00'11"	92°45'07"	LORAN			1 METER (ZP) TOW OVER	
4	1433	#18	25°00'36"	92°45'29"	LORAN			TOW ON BOTTOM 200 m	
4	1446	#18	25°00'77"	92°45'56"	LORAN			Z.P. TOW SURFACE	
4	1501	18	25°00'15"	92°45'16"	LORAN			CTD OVER TO 1000 m	
4	1518	#18	25°00'03"	92°45'25"	LORAN			CTD BOTTOM 1000 m	
4	1534	#18	24°59'88"	92°45'34"	LORAN			CTD ON BOARD	
4	1739	#19	24°40'07"	92°45'20"	LORAN			XBT LAUNCHED	

Vessel \_\_\_\_\_

Date <i>(Month)</i>	Time GMT*	Station Number	Position		Type of Fix	Drift on Station		*Show position & time of course & speed changes, & beginning & end of all stations	O.O.W
			Latitude	Longitude		Distance (miles)	Direction (degrees)		
4	1977	#20	24°20.33	92°44.22	LORAN			XBT LAUNCHED	
4	1953	#20	24°19.59	92°44.59	LORAN			CTD - SURFACE - OVER	
4	2011	#20	24°17.01	92°44.90	LORAN			CTD - BOTTOM 1000 METERS	
4	2024	#20	24°14.10	92°14.23	LORAN			CTD - 200 METERS	
4	2037	#20	24°18.93	92°44.79	LORAN			CTD ON BOARD	
4	2042	#20	24°18.72	92°44.83	LORAN			ZP NET TOW OVER	
4	2107	#20	24°19.01	92°45.20	LORAN			ZP NET TOW ON BOARD	
4	2300	#21	24°00.03	92°44.92	GPS			XBT LAUNCHED	
5	0326	#22	24°20.06	93°35.02	LORAN			XBT LAUNCHED	
5	0611	#23	24°10.85	93°53.16	LORAN			(2ND ONE) (SE NO GOOD) XBT LAUNCHED	
5	0834	#24	24°19.96	94°14.84	LORAN			XBT LAUNCHED	
5	0950	#24	24°20.45	94°15.45	LORAN			CTD - OVER	
5	0907	#24	24°20.48	94°15.16	LORAN			CTD - BOTTOM - 1000 METERS	
5	0924	#24	24°20.62	94°15.05	LORAN			CTD ON BOARD	
5	0929	#24	24°20.55	94°14.90	LORAN			ZP TOW OVER	
5	0943	#24	24°20.14	94°14.56	LORAN			ZP TOW - 200 METERS	
5	0955	#24	24°19.23	94°14.33	LORAN			ZP TOW FINISHED	
5	1210	#25	24°29.90	93°52.48	GPS	COMPUTER NOT ON		<del>XBT LAUNCHED</del>	
5	1236	#25x	24°31.72	93°48.60	GPS			XBT LAUNCHED	
5	1442	#26	24°40.06	93°29.53	LORAN			CTD OVER	
5	1457	#26	24°40.29	93°29.18	LORAN			1000 m CTD ON BOARD	
5	1519	#26	24°40.60	93°29.55	LORAN			CTD ON BOARD	
5	1527	#26	24°40.74	93°29.57	LORAN			ZP TOW OVER	
5	1553	#26	24°40.20	93°29.38	LORAN			P.P. Tow SURFACE	
5	1609	#26	24°39.82	93°29.26	LORAN			P.P. Tow ON BOARD	
5	1612	#26	24°39.85	93°29.26	LORAN			PHOTOMETER SURFACE	
5	1618	#26	24°39.96	93°29.15	LORAN			PHOTOMETER ON BOARD	
5	1650	#27	24°49.73	93°52.26	LORAN			XBT LAUNCHED	
5	1854	#27	24°50.03	93°52.61	LORAN			XBT - FINISHED	
5	2154	#28	25°00.02	94°14.58	GPS			CTD OVER	
5	2213	#28	25°00.05	94°14.27	GPS			CTD on bottom 1000 meters	
5	2237	#28	25°00.06	94°13.925	GPS			CTD ON BOARD	

Vessel SV GYRE

Date M/D/YY	Time LMT*	Station Number	Position		Type of Fix	Drift on Station		*Show position & time of course & speed changes, & beginning & end of all stations	O.O.W
			Latitude	Longitude		Distance (miles)	Direction (degrees)		
5	2246	#28	24°59.91	94°13.78	GPS			ZP TOW OVER	
5	2203	#28	24°59.20	94°13.20	GPS			ZP TOW ONBOARD	
5	2306	#28	24°59.24	94°13.34	GPS			PP TOW OVER	
5	2309	#28	24°59.22	94°13.30	GPS			PP TOW 120m	
5	2323	#28	24°59.22	94°13.02	GPS			PP TOW ONBOARD	
6	0132	#29	25°09.91	93°52.58	GPS			XBT LAUNCHED	
6	0406	#30	25°19.75	93°29.74	GPS			ZP TOW SURFACE	
6	0429	#30	25°19.20	93°28.94	GPS			ZP TOW ONBOARD	
6	0435	#30	25°19.71	93°28.98	GPS			XBT LAUNCHED	
6	0907	#31	25°29.71	93°52.43	LORAN			XBT LAUNCHED	
6	0913	#31	25°30.22	93°52.50	LORAN			XBT FINISHED	
6	1113	#32	25°52.08	93°52.36	GPS			XBT LAUNCHED	
6	1330	#33	26°14.14	93°52.42	GPS			XBT LAUNCHED	
6	1410	#33	26°15.34	93°52.54	LORAN			ZP TOW SURFACE (OVER)	
6	1419	#33	26°15.00	93°52.43	LORAN			ZP TOW BOTTOM 200m	
6	1429	#33	26°14.72	93°52.30	LORAN			ZP TOW ONBOARD	
6	1624	#34	26°30.06	93°52.64	LORAN			CTD OVER	
6	1644	#34	26°30.07	93°52.25	LORAN			CTD ONBOARD	
6	1652	#34	26°29.90	93°52.22	LORAN			CTD OVER	
6	1708	#34	26°29.95	93°52.05	LORAN			CTD BOTTOM 1000m	
6	1726	#34	26°29.96	93°51.86	LORAN			CTD ONBOARD	
6	1730	#34	26°29.79	93°51.85	LORAN			ZP TOW OVER	
6	1755	#34	26°29.00	93°51.55	LORAN			ZP TOW ONBOARD	
6	2019	#35	26°49.56	93°52.24	LORAN			CTD OVERBOARD	
6	2038	#35	26°49.74	93°51.91	LORAN			CTD Bottom 1000 meters	
6	2102	#35	26°49.57	93°51.38	LORAN			CTD ONBOARD	
6	2107	#35	26°49.46	93°51.26	LORAN			ZP TOW OVER	
6	2117	#35	26°49.18	93°51.06	LORAN			ZP 200 meters	
6	2127	#35	26°48.88	93°50.88	LORAN			ZP TOW ONBOARD	
7	0319	#36	26°23.00	94°22.38	LORAN			XBT LAUNCHED	
7	0321	#37	26°00.13	94°59.87	LORAN			XBT LAUNCHED	
7	0325	#37	25°59.94	95°00.37	LORAN			XBT FINISHED - BREAK WIRE	

Vessel R/V GALE

Date MM/YY	(2046) Time GMT*	Station Number	Position		Type of Fix	Drift on Station		*Show position & time of course & speed changes, & beginning & end of all stations	O.O.W
			Latitude	Longitude		Distance (miles)	Direction (degrees)		
7	1028	#38	26°20'00	94°59'87	GPS			XBT LAUNCHED	
7	1227	#39	26°39'45	94°59'25	GPS			XBT LAUNCHED	
7	1433	#40	26°59'76	94°59'60	LORAN			XBT LAUNCHED	
7	1449	#40	27°00'73	94°59'50	LORAN			CTD OVER	
7	1504	#40	27°00'77	94°59'54	LORAN			1000m CTD ON BOTTOM	
7	1519	#40	27°00'78	94°59'58	LORAN			CTD ON BOARD	
7	1523	#40	27°00'79	94°59'60	LORAN			Z.P. TOW OVER	
7	1548	#40	27°00'18	94°59'64	LORAN			Z.P. TOW ON SURFACE	
7	1613	#40	27°00'10	94°59'69	LORAN			DEPLOYED ZODIAC (AWAY)	
7	1703	#40	27°00'00	94°59'54	LORAN			ZODIAC RETRIEVED	
7	1739	#41	27°00'28	94°59'60	LORAN			CTD OVER	
7	1752	#41	27°00'33	94°59'64	LORAN			1000m CTD ON BOTTOM	
7	1811	#41	27°00'43	94°59'60	LORAN			CTD ON BOARD	
7	1820	#41	27°00'30	94°59'62	LORAN			P.P. TOW OVER	
7	1831	#41	27°00'26	94°59'46	LORAN			P.P. TOW 120 METERS	
	1834	#41	27°00'26	94°59'39	LORAN			P.P. TOW 70 METERS	
7	1845	#41	27°00'26	94°59'13	LORAN			P.P. TOW ON BOARD TOW ON GOOD-LOST END	
7	1846	#41	27°00'25	94°59'09	LORAN			P.P. TOW OVER	
7	1907	#41	27°00'22	94°58'55	LORAN			P.P. TOW ONBOARD	
7	1908	#41	27°00'20	94°58'53	LORAN			Z.P. NET TOW OVER	
7	1918	#41	27°00'22	94°58'34	LORAN			Z.P. NET TOW 200 METERS	
7	1931	#41	27°00'22	94°58'05	LORAN			Z.P. NET TOW ON BOARD	
7	1951	#41	26°59'99	94°58'02	LORAN			ZODIAC IN WATER	
7	2043	#41	26°59'47	94°58'11	LORAN			DEPLOY TRAP	
7	2046	#41	26°59'44	94°58'10	LORAN			ZODIAC IN WATER AWAY	
7	2113	#41	26°59'58	94°58'42	LORAN			PICK UP ZODIAC	
7	2143	#41	26°59'78	94°59'32	LORAN			MIPS-1 OVER	(3)
8	0053	#41	27°02'27	94°59'59	GPS			MIPS ON BOARD	
8	0136	#42	27°01'44	94°57'68	GPS			CTD OVER	
8	0205	#42	27°01'80	94°57'62	GPS			1000m CTD ON BOTTOM	
8	0235	#42	27°02'02	94°57'52	GPS			CTD ONBOARD	
8	0308	#42	27°02'46	94°57'38	GPS			MIPS OVER	

Vessel PLU FIRE

Date	Time GMT	Station Number	Position		Type of Fix	Drift on Station		*Show position & time of course & speed changes, & beginning & end of all stations	O.O.H
			Latitude	Longitude		Distance (miles)	Direction (degrees)		
8	0330	#42	27°02'.71	94°57'.23	GPS			MIPDS ON BOARD	
8	0352	#42	27°02'.88	94°57'.19	GPS			CTD OVER	
8	0354	#42A	27°02'.90	94°57'.18	GPS			CTD BOTTOM 100m	
8	0358	#42A	27°02'.93	94°57'.18	GPS			CTD ON BOARD	
8	0419	#42	27°03'.15	94°57'.01	GPS			2P TOW OVER	
8	0445	#42	27°02'.54	94°56'.00	GPS			2P TOW ON BOARD	
8	0518	#42	27°02'.46	94°55'.96	GPS			MIPDS OVER	
8	0615	#42	27°03'.19	94°55'.79	GPS			POSITION	(5h)
<del>8</del>	<del>0715</del>	<del>#42</del>	<del>27°03'.77</del>	<del>94°55'.62</del>	<del>GPS</del>			<del>POSITION</del>	
8	1033	#42	27°05'.20	94°54'.75	GPS			MIPDS ON BOARD	
8	1056	#43	27°02'.75	94°54'.59	GPS			CTD OVER	
8	1112	#43	27°02'.81	94°54'.54	GPS			CTD ON BOTTOM <sup>1000 m</sup>	
8	1133	#43	27°02'.89	94°54'.52	GPS			CTD ON BOARD	
8	1057	#43	27°02'.7	94°54'.6	GPS			TRAP POSITION	
8	1201	#43	27°02'.98	94°54'.51	GPS			M:PPS OVER <sup>1000 m</sup>	(1h)
8	1255	#43	27°02'.96	94°54'.67	GPS			M:PPS ON BOARD	
8	1342	#42	27°01'.15	94°53'.70	GPS			DRIFTER BUOY ON BOARD	
8	1423	#43	27°01'.27	94°52'.04	LORAN			2P TOW OVER	
8	1441	#43	27°00'.37	94°51'.88	LORAN			2P TOW ON BOARD	
8	1450	#43	27°00'.66	94°51'.89	LORAN			MIPDS OVER	(3h)
8	1835	#43	27°02'.61	94°56'.37	LORAN			MIPDS ON BOARD	
8	1846	#44	27°02'.83	94°56'.62	LORAN			CTD OVER	Total = 4 of MIPDS
8	1907	#44	27°03'.25	94°56'.97	LORAN			CTD ON BOTTOM <sup>1000 m</sup>	
<del>8</del>	<del>1925</del>	<del>#44</del>	<del>27°03'.59</del>	<del>94°57'.17</del>	<del>LORAN</del>			<del>CTD ON BOARD</del>	
8	2007	#44	27°02'.00	94°57'.83	LORAN			SEA STAR DOWN <sup>300m</sup>	
8	2106	#44	27°02'.66	94°57'.96	LORAN			" " UP	
8	2114	#44	27°02'.76	94°57'.96	LORAN			SEA STAR DOWN 240m	
8	2212	#44	27°03'.24	94°59'.06	LORAN			SEA STAR ON BOARD	
8	2243	#44	27°00'.50	94°58'.10	LORAN			SEA STAR DOWN <sup>170 and 230 m</sup>	
8	2326	#44	27°00'.85	94°58'.46	LORAN			SEA STAR ON BOARD	
8	2344	#44	27°01'.06	94°58'.57	LORAN			SEA STAR DOWN <sup>100m - 190m</sup>	
9	0027	#44	27°01'.39	94°58'.51	LORAN			SEA STAR ON BOARD	



Vessel R/V GYRE

Date	(ZDC) Time GMT*	Station Number	Position		Type of Fix	Drift on Station		*Show position & time of course & speed changes, & beginning & end of all stations	O.O.W
			Latitude	Longitude		Distance (miles)	Direction (degrees)		
9	0034	#44	27°01.43	94°58.47	LORAN			120-150 m SEA STAR DOWN	
9	0122	#44	27°01.74	94°58.36	LORAN			SEA STAR ON BOARD	
9	0344	#45	27°19.84	94°57.12	GPS			LAUNCHED XBT	
9	0607	#46	27°36.57	94°58.30	GPS			<sup>500m</sup> Box CORE - BOTTOM	1 of 2
9	0633	#46	27°36.90	94°58.14	GPS			<sup>500m</sup> Box CORE - BOTTOM	2 of 2
9	0734	#47	27°42.96	94°57.85	GPS			<sup>400m</sup> Box CORE - BOTTOM	1 of 2
9	0753	#47	27°43.39	94°57.72	GPS			<sup>360m</sup> Box CORE - BOTTOM	2 of 2
9	0818	#47	27°43.40	94°57.89	GPS			NETTOW OVER	
9	0826	#47	27°43.33	94°58.18	GPS			NET TOW BOTTOM	
9	0836	#47	27°43.29	94°58.57	GPS			NET TOW ON BOARD	
9	0855	#47	27°43.14	94°58.81	GPS			CTD OVER	
9	903	#47	27°43.26	94°58.79	GPS			CTD BOTTOM	
9	0912	#47	27°43.30	94°58.31	GPS			CTD ON BOARD	
9	0927	#47	27°42.18	94°58.59	GPS			MIPS over 400m, 350m	(2)
9	1142	#47	27°42.86	94°58.68	GPS			MIPS ON BOARD	
9	1222	#48	27°42.95	94°58.17	GPS			CTD OVER	
9	1234	#48	27°42.91	94°58.05	GPS			CTD ON BOARD	
9	1256	#48	27°42.97	94°57.94	GPS			MIPS OVER <sup>300m, 275m</sup>	(2)
9	1507	#48	27°44.12	94°58.74	LORAN			<del>DRIFT BUOY OVER</del>	
9	1516	#48	27°44.27	94°58.96	GPS			MIPPS ON BOARD	
9	1532	#48	27°44.43	94°59.12	LORAN			DRIFT BUOY ON BOARD	
9	1546	#48	27°44.98	94°59.11	LORAN			MIPPS OVER <sup>290, 225m</sup>	(2)
9	1743	#48	27°45.41	94°59.20	GPS			MIPPS ON BOARD	
9	1748	#48	27°45.53	94°59.29	GPS			2P TOW OVER	
9	1811	#48	27°46.35	94°59.98	GPS			2P TOW ON BOARD	
9	1813	#48	27°46.39	94°59.95	GPS			P.P. TOW OVER	
9	1838	#48	27°47.24	94°59.13	GPS			P.P. TOW ON BOARD	
9	1915	#48	27°43.89	95°00.74	GPS			MIPPS OVER <sup>200, 175m</sup>	(2)
9	2133	#48	27°45.70	94°59.70	GPS			MIPPS ON BOARD	
9	2148	#48	27°45.83	94°59.83	GPS			MIPPS OVER <sup>150, 125m, 100m, 50m</sup>	(3)
10	0110	#48	27°49.31	94°58.60	GPS			MIPPS ON BOARD	
10	0144	#48	27°47.73	94°58.64	GPS			MIPPS OVER electrical problem no data	



MARINE COASTAL WEATHER LOG — COASTAL STATION

NAME <i>R/V GUYRE</i>		STATE		CALL SIGN <i>KTCB</i>		LOCATION (Latitude) (Longitude)							
(1) DATE TIME (GMT)	(2) TIME (LMT)	(3)		(5) WIND		(6) STATE OF SEA		(8) WET TEMP DB	(9) DRY TEMP DB	(9) PRESSURE	(10)		Sfc. T°C
		SKY COND.	PRESENT WEATHER	VISI- BILITY (miles)	DIR	SPEED (knots)	HEIGHT (feet)				PERIOD (sec.)	WAVE PERIOD (sec.)	
3	2200	CLOUDY	LT HAZE	4-6	NW 15	5-7	1-2	58°	61°	1010.0	<i>POSITION</i>		20.4
3	2200	CLOUDY	LT. HAZE	4-6	NW 16	5-7	1-2	57°	61.5	1010.0	27°02'N 92°50'W		21.2
3	2400	CLOUDY	LT HAZE	6	NW 22	5-7	1-2	56.5	61°	1012.5	26°40'N ~ 92°44'W		21.4 0046 GMT
4	0100	CLOUDY	LT. HAZE	6	NW 20+	6-10	2-3	58°	64°	1015.2	26°15'N ~ 92°15'W		23.1 0458 GMT
4	0300	CLOUDY	LT. HAZE	8	NNW 20	5-7	1-2	57°	62°	1015.0	25°39'N 92°45'W		23.1 0414 GMT
4	0350	PTLY CLOUDY	CLEAR	10	NNW 18	4-6	2-3	59.5	67°	1017.0	25°02'N ~ 92°45'W		23.0 1404 GMT
4	0540	PTLY CLOUDY	CLEAR	10	NNW 15	4-6	1-3	62°	73°	1018.8	24°11'N ~ 92°45'W		23.1
4	0615	PTLY CLOUDY	CLEAR	10	NW 14	3-5	1-3	62°	73°	1017.5	24°12'N 92°45'W		23.2
5	0700	CLEAR	CLEAR	10	NNW 6	2-4	1-2	60.5°	70°	1017.5	24°00'N ~ 93°15'W		23.6 0326 GMT
5	0840	CLEAR	CLEAR	10	WSW 10	2-4	1-2	62°	70°	1017.0	24°09'N ~ 93°50'W		23.6 0611 GMT
5	1000	CLEAR	CLEAR	10	SW 8	2-3	1-2	62°	70°	1015.5	24°19'N 94°14'W		23.0 0534 GMT
5	1350	CLEAR	CLEAR	10	SSE 10	2-3	1-2	64.5°	74°	1015.5	24°37'N ~ 93°37'W		22.9 1442 GMT
5	1730	CLEAR	CLEAR	10	S 12	1-3	1-2	65.5°	73°	1016.4	24°11'N ~ 93°39'W		23.3 2113 GMT
5	2200	CLEAR	CLEAR	10	SSW 20	3-5	1-2	65°	73°	1013.0	25°00'N 94°15'W		23.3
5	2350	CLEAR	CLEAR	10	SSW 14	3-5	1-2	66°	71.5°	1012.5	25°11'N ~ 93°49'W		23.3
5	0100	CLEAR	CLEAR	10	SSW 20-30	6-9	2-3	67°	72°	1010.5	25°20'N ~ 93°36'W		23.3
5	0200	CLEAR	LT. HAZE	6	SW 18	5-7	1-2	67.5	71.0	1010.0	25°33'N 93°52.5'W		23.3
5	0330	PTLY CLOUDY	LT HAZE	5	SSW 26			69	74	1009.5	26°11'N ~ 93°52.5'W		23.3

## MARINE COASTAL WEATHER LOG — COASTAL STATION

STATION NAME		STATE		STATION CALL		LOCATION		(Latitude)	(Longitude)		
R/V GYRE				KTC							
TIME (GMT)	SKY COND.	PRESENT WEATHER	VISI- BILITY (miles)	WIND		STATE OF SEA		AIR TEMP °C °F	PRESSURE	REMARKS	STC TEMP (°C)
				DIR	SPEED (knots)	HEIGHT (feet)	PERIOD (sec.)				
0530	FG	FG	4 mi	SSE	8	SWELL 2-4	1-2	63°	62.8°	1006.1	28° 59' N ~ 94° 25' W 16.5
0730	OVER CAST	LT. HAZE	6	S	10	1-3	1-2	65°	66.5	1004.2	28° 41' N 94° 20' W 18.5
1200	OVER CAST	CLEAR	10	SSW	10	2-3	1-2	67°	69°	1004.2	28° 25' N ~ 94° 11' W 19.5
1400	PTLY CLDY	HAZE	5	SSW	8	2-3	1-2	68	70	1004.3	28° 25' N ~ 94° 10' W 20.5
1500	OVER CAST	HAZE	3	SSW	8	2-3	1-2	68°	70°	1004.2	28° 25' N ~ 94° 10' W 20.5
1800	OVER CAST	HAZE	3	SSW	10	2-3	1-2	69°	71°	1002.0	28° 08' N ~ 94° 00' W 20.3
2000	OVER CAST	HAZE	2	S	8	2-3	1-2	70.5	73.0	1000.2	28° 08' N 93° 59' W 20.2
2200	OVER CAST	HAZE	3	SSW	10	2-4	1-2	70.5	74.0	999.2	27° 56' N 93° 51' W 20.2
2400	CLEAR	HAZE	4	WNW	14	2-4	1-2	67	72	1000.5	27° 56' N ~ 93° 51' W 20.2
0200	PTLY CLDY	CLEAR	10	NW	14	2-4	1-2	67	69.5	1001.0	27° 56' N ~ 93° 50' W
0400	PTLY CLDY	CLEAR	10	NNW	10	2-4	1-2	62°	69°	1002.0	27° 54' N ~ 93° 49' W
0500	PTLY CLDY	CLEAR	10	NNW	10	2-4	1-2	63.5°	69.5°	1003.4	27° 53' N ~ 93° 51' W
0800	PTLY CLDY	CLEAR	10	NW	12	2-4	1-2	63.5°	68°	1007.2	27° 53' N 93° 51' W
1000	PTLY CLDY	CLEAR	10	WNW	14	2-4	1-2	62.5°	68°	1003.2	27° 53' N 93° 51' W
1200	PTLY CLDY	CLEAR	10	NNW	20	2-4	1-2	60°	64.5°	1005.8	27° 47' N 93° 46' W 20.3
1400	PTLY CLDY	CLEAR	10	NNW	26	4-6	2-3	56°	61.5°	1007.5	27° 42' N ~ 93° 45' W 20.2
1600	CLDY	LT. HAZE	6-8	WNW	20-25	4-6	2-3	54°	59°	1010.2	27° 33' N ~ 93° 58' W
1700	CLDY	LT. HAZE	6-8	WNW	23	4-6	2-3	56.5°	62°	1011.0	27° 20' N ~ 93° 30' W 21.2

MARINE COASTAL WEATHER LOG — COASTAL STATION

NAME		STATE		CALL SIGN				LOCATION		(Latitude)	(Longitude)	
R/C GYRE				KJCL								
E TIME (ZL)	(3)		(4)	(5) WIND		(6) STATE OF SEA		WET	DRY	(9)	(10)	SLC
	SKY COND.	PRESENT WEATHER	VISIBILITY (miles)	DIR	SPEED (knots)	HEIGHT (feet)	PERIOD (sec.)	AIR TEMP <input type="checkbox"/> C <input type="checkbox"/> F	AIR TEMP <input type="checkbox"/> C <input type="checkbox"/> F	PRESSURE		TIME
1740	CLEAR	LT. HAZE	6	SSW	22	4-9'	2-3	69.5	75.5	1005.8	26°30'N ~ 93°52'W	/
2200	CLEAR	LT. HAZE	5	SW	14	5-8'	2-3	71.5	77.0	1006.5	26°46'N 93°53'W	/
0145	CLEAR	CLEAR	10	SSW	18	5-7'	1-3	70.5	74.0	1006.0	26°29'N ~ 94°11'W	/
0530	CLEAR	LT. HAZE	8	SSW	17	5-7'	2-3	70	72	1016.1	26°23'N ~ 94°36'W	/
0745	CLEAR	HAZE	5	SSE	16	4-6'	2-3	70.0	71.0	1007.5	26°12'N 95°00'W	10280M 22.1
1330	CLEAR	HAZE	5	SE	10	2-4'	1-2	70°	72.5°	1005.8	26°50'N ~ 95°00'W	1274 GM 21.7
1520	CLEAR	HAZE	5-6	SE	10	3-5'	3-4	71°	74°	1006.5	27°00'N ~ 95°00'W	1703 GM 21.4
2300	CLEAR	HAZE	5	SE	6	3-5'	3-4	71°	73.5	1004.0	27°00'N 95°00'W	2143 GM 21.6
0145	CLEAR	HAZE	4	SE	8	2-4'	1-2	71°	72°	1004.3	27°01'N ~ 94°57'W	
0530	CLEAR	HAZE	3-4	SE	6	2-4'	1-2	71°	72°	1006.0	27°02'N ~ 94°56'W	
1000	CLOUDY	HAZE	2-3	LT. HAZ.		2-4'	1-2	70.5	72	1007.2	27°05'N ~ 94°55'W	/
1340	CLOUDY	HAZE	2-3	NNE	20	3-5'	2-3	65.5°	68°	1011.0	27°01'N ~ 94°54'W	13473 GM 21.7
1730	OVERCAST	HAZE	3-4	NNE	20	4-6'	2-3	64°	68°	1013.5	27°01'N ~ 94°54'W	"
2245	OVERCAST	HAZE	4-5	NNE	20	3-5'	2-3	62°	67°	1013	27°00'N ~ 94°58'W	/
0140	CLEAR	LT HAZE	5-7	NNE	22	4-6'	2-3	60.5°	65.5°	1014.0	27°02'N ~ 94°58'W	/
0545	CLEAR	HAZE	6-8	NNE	18	4-6'	1-3	59.5°	67°	1016.8	27°36'N ~ 94°58'W	/
0920	CLEAR	CLEAR	10	NNE	18	4-6'	1-3	60°	65°	1017.2	27°42'N ~ 94°58'W	/
1225	CLEAR	CLEAR	10	NNE	20	3-5'	1-2	59°	66°	1021.3	27°43.09N ~ 94°57.74W	20.4

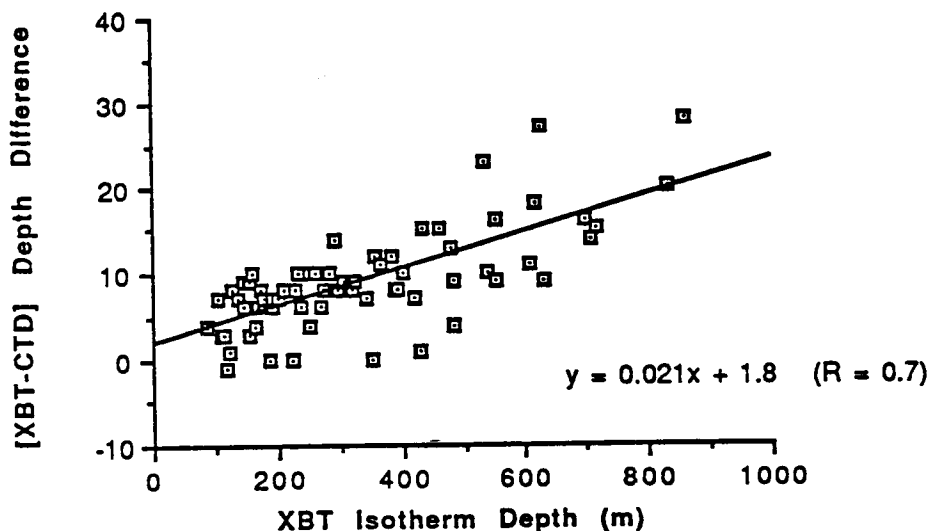


## CTD AND XBT DATA

The following pages present tables of XBT data and tables and plots of CTD data. Triangles on the plots of CTD salinity versus depth show bottle salinity, which was determined using our Guildline model 8400 conductive salinometer. The CTD salinity data have not been corrected, for CTD salinity data exhibit no consistent offset from bottle salinity. Moreover, the CTD minimum salinity at the depth of the salinity minimum in the western Gulf of Mexico (range 34.884 - 34.888 PSU) agrees well with the historical data (Morrison et al., 1983) and with our own data from previous rings cruises to the NW corner of the Gulf of Mexico (TAMU Technical Report 89-05-T). At the end of this section is a 4-page summary table of XBT isotherm depths, and a composite temperature-salinity plot of 1m averaged data from all 20 of the CTD stations that were made on cruise 91G-02.

Though all of the CTD data have been 1m averaged, some temperature and salinity spikes remain, especially in the uppermost 20m. Because there were artifacts in the transmissometer data within the thermocline, however, transmissometer data have only been reported for the upper 200m. In the tables which follow, XBT data have only been reported to 719m, in an effort to limit the overall size of this technical report. However, in the diskette version of the XBT data that has been archived with NODC, no such cutoff limit was imposed and most of the XBT data files extend to 1500m or more.

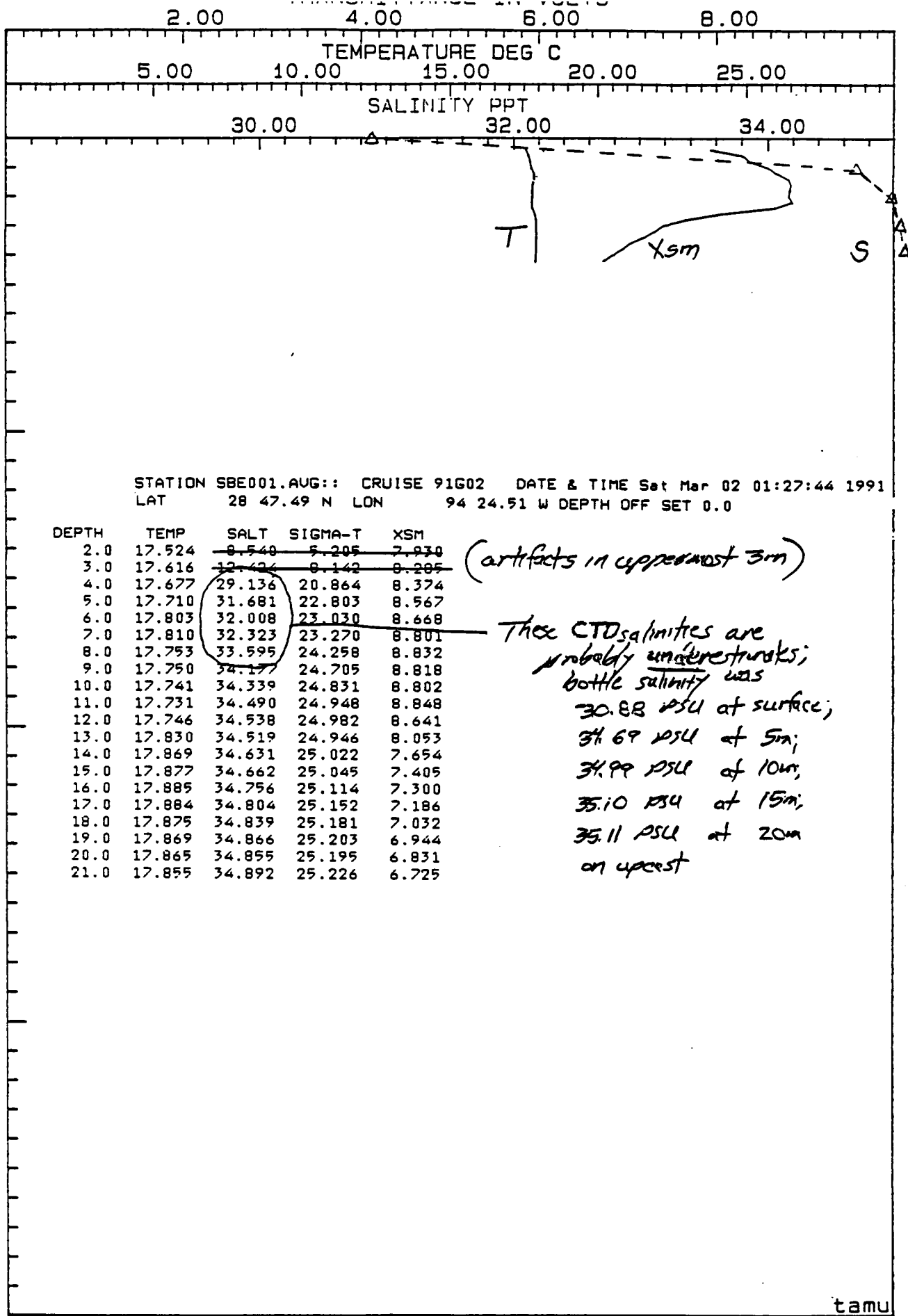
A rigorous comparison of T5 temperature-depth data with CTD data from the four stations on this cruise (18, 20, 24, 40) where a T5 probe was dropped at the same location as a CTD cast shows that the T5 XBT drop rate software tended to overestimate the depths of deeper isotherms. Following the recommendation of Singer et al (1990), we have plotted [XBT-CTD depth difference] versus XBT depth to estimate the magnitude of this error. We conclude from such a plot that the Sippican T5 software overestimated XBT isotherm depths by about 3%:



## REFERENCES

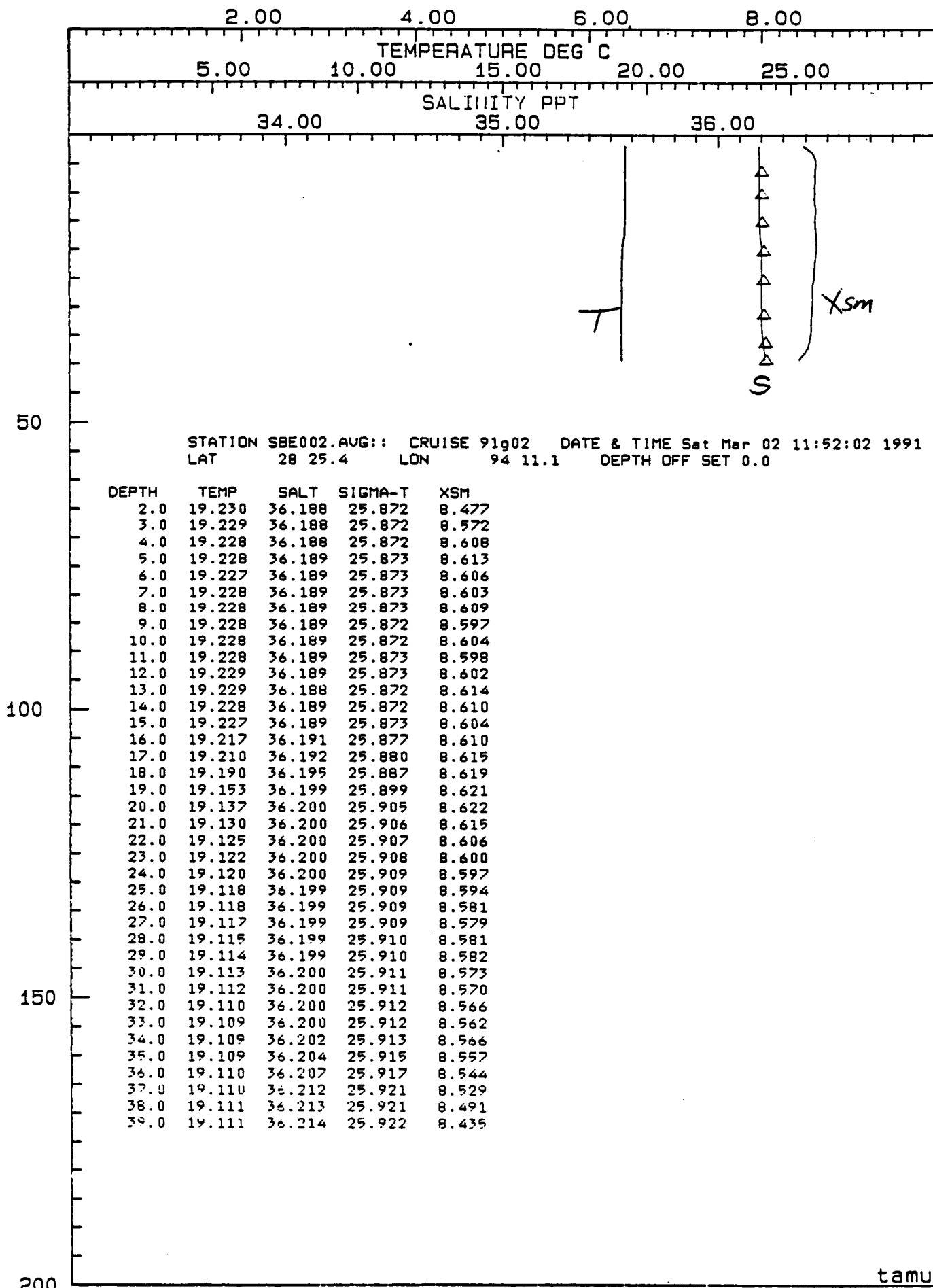
- Morrison JM, Merrell WJ, Key RM, Key TC (1983) Property distributions and deep chemical measurements within the western Gulf of Mexico. *J. Geophys. Res.* 88: 2601-2608.
- TAMU Technical Report 89-05-T (Dec 1989): Hydrographic data from the Texas continental shelf and the northwest continental slope of the Gulf of Mexico: TAMU Ecosystem Research Group research cruise 89G-15 (D.C. Biggs, Technical Editor). 163pp.

DEPTH IN METERS



CRUISE: 91G02 STATION: SBED01.A DATE: Mar 02 01:27:44 1991  
 LATITUDE: 28 47.49 N LONGITUDE: 94 24.51 W  
 TRIANGLES DENOTE DISCRETE SAMPLES





CRUISE: 91g02 STATION: SBE002.A DATE: Mar 02 11:52:02 1991  
 LATITUDE: 28 25.4 LONGITUDE: 94 11.1  
 TRIANGLES DENOTE DISCRETE SAMPLES

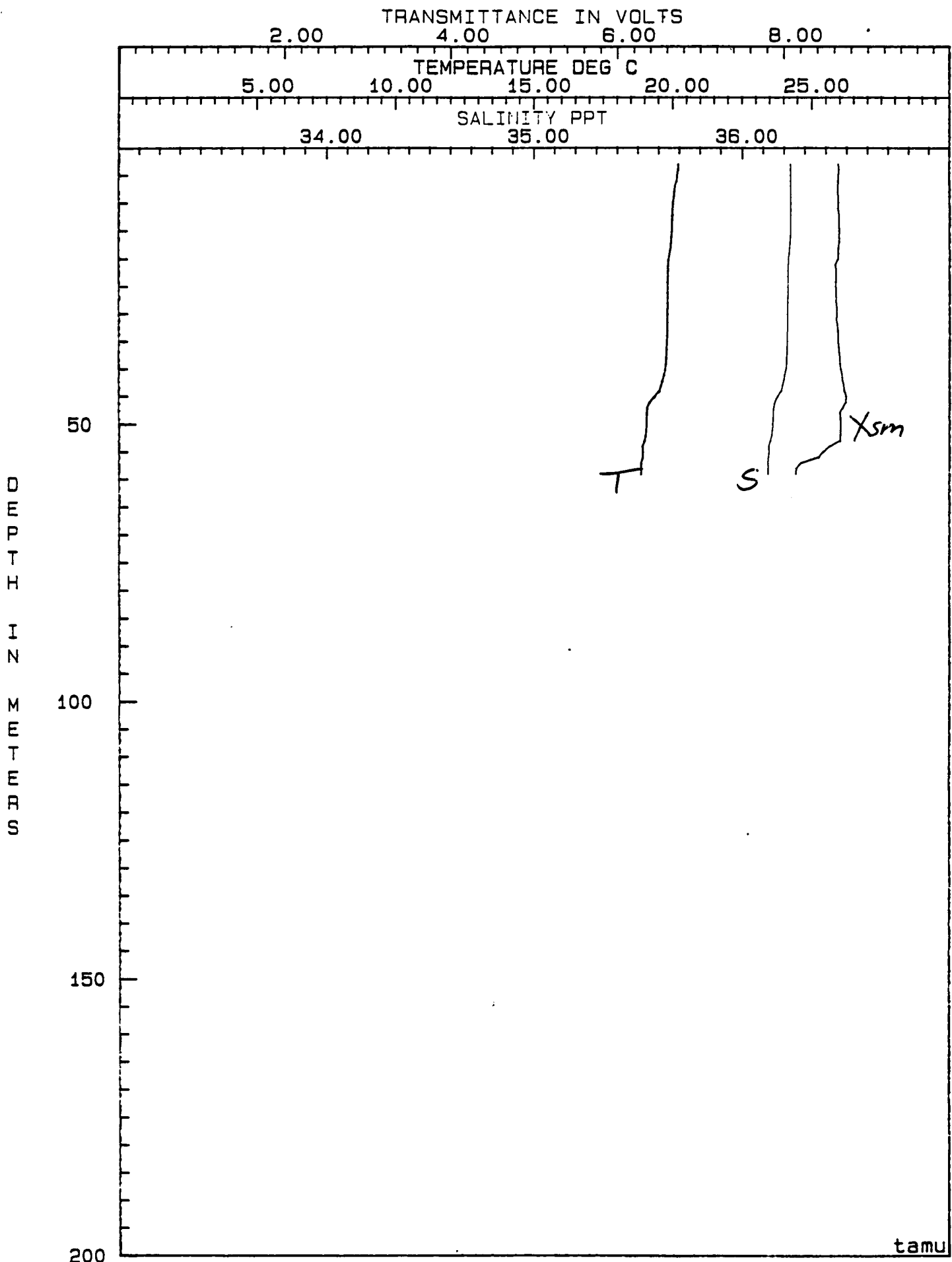
tamu

Cruise: 91602  
 Date: 03-02-1991  
 Time: 16:52:27 GMT  
 Lat: 28 16.50 N  
 Lon: 94 05.20 W  
 Stn. 03

Depth (m)	Temp (C)	Depth (m)	Temp (C)
		33.95	19.34
		33.60	19.34
		34.24	19.34
2.59	19.49	34.89	19.34
3.24	19.51	35.53	19.36
3.88	19.49	36.18	19.33
4.53	19.45	36.82	19.34
5.18	19.40	37.46	19.33
5.82	19.39	38.11	19.33
6.47	19.36	38.75	19.34
7.12	19.36	39.40	19.32
7.76	19.34	40.04	19.34
8.41	19.34	40.69	19.33
9.06	19.34	41.33	19.33
9.70	19.31	41.98	19.34
10.35	19.32	42.62	19.35
11.00	19.32	43.27	19.35
11.64	19.31	43.91	19.34
12.29	19.32	44.55	19.36
12.94	19.30	45.20	19.37
13.58	19.31	45.84	19.36
14.23	19.31	46.49	19.37
14.87	19.32	47.13	19.37
15.52	19.32	47.77	19.37
16.17	19.33	48.42	19.37
16.81	19.34	49.06	19.37
17.46	19.34	49.71	19.38
18.10	19.35	50.35	19.38
18.75	19.34	50.99	19.39
19.40	19.35	51.64	19.39
20.04	19.34	52.28	25.18
20.69	19.36		
21.33	19.36		
21.98	19.36		
22.63	19.35		
23.27	19.36		
23.92	19.35		
24.56	19.31		
25.21	19.33		
25.85	19.34		
26.50	19.32		
27.14	19.31		
27.79	19.28		
28.43	19.27		
29.08	19.27		
29.73	19.28		
30.37	19.31		
31.02	19.30		
31.66	19.31		
32.31	19.31		
32.95	19.34		

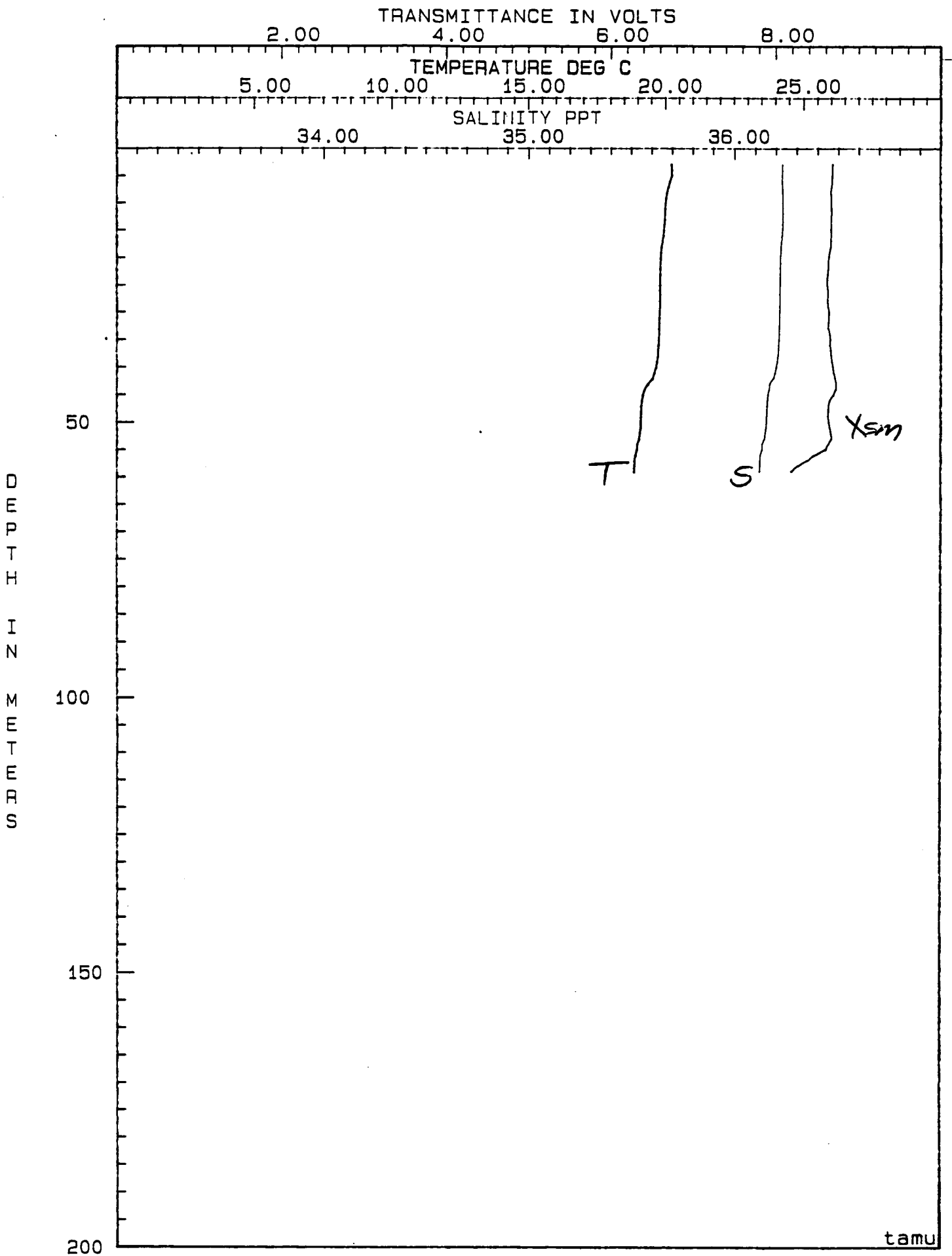
*on bottom,  
at 52m*





CRUISE: 91g02 STATION: SBE004.A DATE: Mar 02 17:54:53 1981  
 LATITUDE: 28 08.1 LONGITUDE: 94 00.78  
 TRIANGLES DENOTE DISCRETE SAMPLES





CRUISE: 91g02 STATION: SBE004A. DATE: Mar 02 18:17:49 1991  
 LATITUDE: 28 08.46 LONGITUDE: 94 00.56

tamu

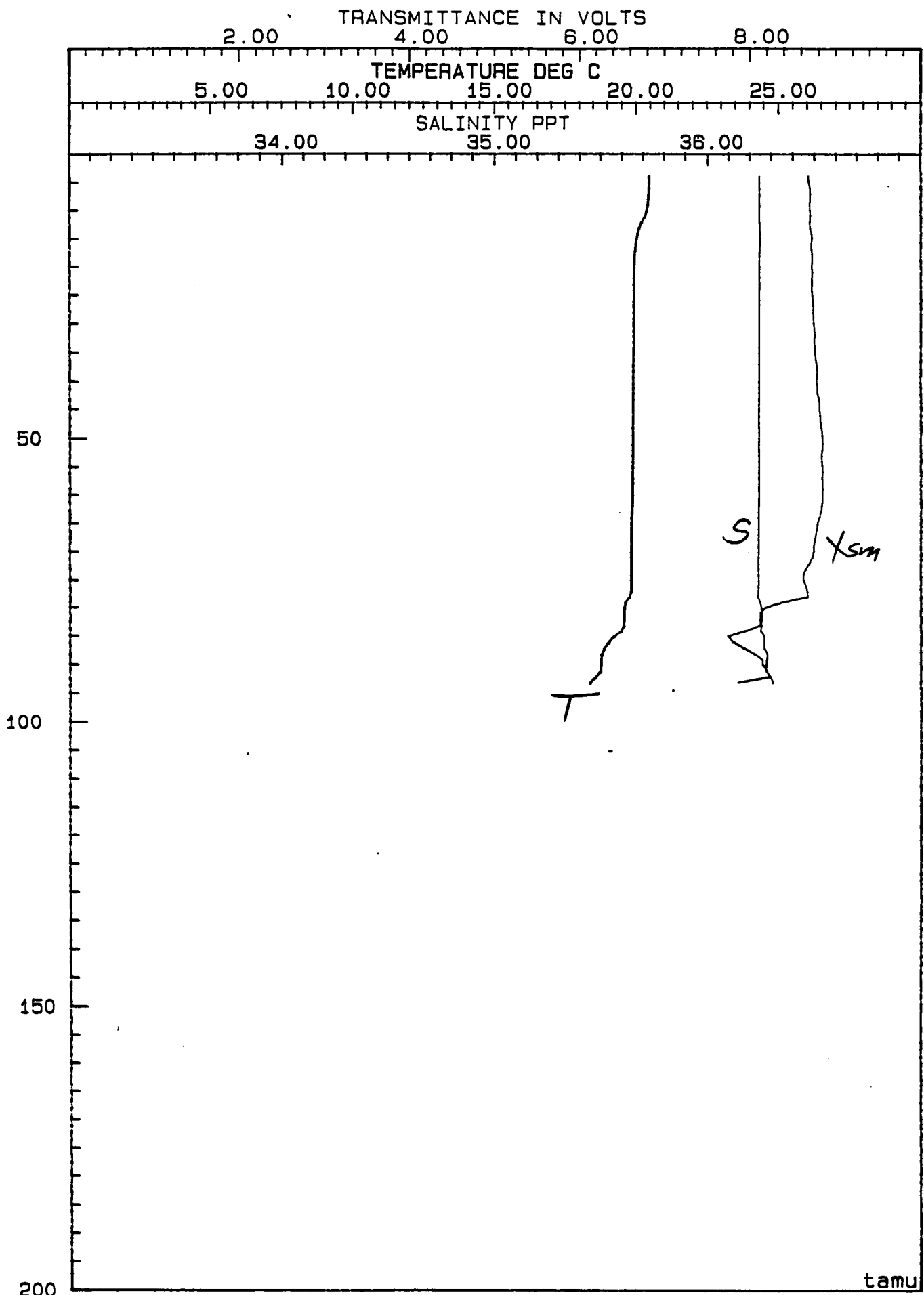
Cruise: 91602  
 Date: 03-02-1991  
 Time: 21:30:24 GMT  
 Lat: 27 57.89 N  
 Lon: 93 53.20 W  
 Stn. 05

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		32.95	20.09	65.15	19.88
1.29	<del>20.48</del>	33.60	20.08	65.79	19.89
1.94	<del>20.37</del>	34.24	20.08	66.43	19.88
2.59	20.42	34.89	20.06	67.08	19.89
3.24	20.41	35.53	20.06	67.72	19.88
3.88	20.43	36.18	20.07	68.36	19.88
4.53	20.41	36.82	20.04	69.00	19.88
5.18	20.41	37.46	20.04	69.65	19.88
5.82	20.41	38.11	20.04	70.29	19.87
6.47	20.39	38.75	20.03	70.93	19.88
7.12	20.41	39.40	20.03	71.57	19.88
7.76	20.40	40.04	20.01	72.22	19.88
8.41	20.39	40.69	20.02	72.86	19.88
9.06	20.40	41.33	20.01	73.50	19.88
9.70	20.41	41.98	20.00	74.14	19.88
10.35	20.37	42.62	19.99	74.78	19.86
11.00	20.33	43.27	19.98	75.43	19.86
11.64	20.29	43.91	20.00	76.07	19.87
12.29	20.27	44.55	19.98	76.71	19.71
12.94	20.24	45.20	19.97	77.35	19.53
13.58	20.24	45.84	19.98	77.99	19.39
14.23	20.22	46.49	19.98	78.64	19.28
14.87	20.20	47.13	19.96	79.28	19.19
15.52	20.18	47.77	19.97	79.92	19.08
16.17	20.15	48.42	19.96	80.56	18.94
16.81	20.15	49.06	19.94	81.20	18.77
17.46	20.14	49.71	19.95	81.85	18.67
18.10	20.12	50.35	19.96	82.49	18.61
18.75	20.11	50.99	19.94	83.13	18.54
19.40	20.11	51.64	19.94	83.77	18.51
20.04	20.10	52.28	19.95	84.41	18.51
20.69	20.10	52.93	19.94	85.05	18.49
21.33	20.09	53.57	19.92	85.70	18.42
21.98	20.07	54.21	19.94	86.34	18.38
22.63	20.06	54.86	19.93	86.98	18.33
23.27	20.06	55.50	19.93	87.62	18.31
23.92	20.05	56.14	19.92	88.26	18.30
24.56	20.07	56.79	19.92	88.90	18.28
25.21	20.07	57.43	19.92	89.54	18.28
25.85	20.08	58.07	19.90	90.18	18.25
26.50	20.09	58.72	19.92	90.83	18.26
27.14	20.08	59.36	19.91	91.47	18.25
27.79	20.09	60.00	19.90	92.11	18.59
28.43	20.08	60.65	19.89	92.75	18.49
29.08	20.09	61.29	19.89	93.39	18.43
29.73	20.09	61.93	19.89	94.03	18.44
30.37	20.08	62.58	19.89	94.67	18.45
31.02	20.08	63.22	19.89	95.31	18.44
31.66	20.09	63.86	19.89	95.95	18.44
32.31	20.08	64.50	19.89	96.59	18.45
32.95	20.09	65.15	19.88	97.23	18.46

on bottom at  
92m







CRUISE: 91G02 STATION: SBE006.A DATE: Mar 02 21:52:25 1991  
 LATITUDE: 27 56.16 N LONGITUDE: 93 52.05 W

Cruise: 91G02  
 Date: 03-03-1991  
 Time: 11:15:56 GMT  
 Lat: 27 53.45 N  
 Lon: 93 51.51 W  
 Stn. 07

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		32.95	20.32	65.15	19.80	97.23	18.4
		33.60	20.32	65.79	19.79	97.88	18.4
1.94	<del>20.50</del>	34.24	20.30	66.43	19.81	98.52	18.4
2.59	20.44	34.89	20.28	67.08	19.80	99.16	18.4
3.24	20.43	35.53	20.27	67.72	19.80	99.80	18.4
3.88	20.44	36.18	20.26	68.36	19.79	100.44	18.4
4.53	20.42	36.82	20.26	69.00	19.79	101.08	18.4
5.18	20.42	37.46	20.23	69.65	19.80	101.72	18.4
5.82	20.42	38.11	20.17	70.29	19.79	102.36	17.4
6.47	20.42	38.75	20.14	70.93	19.80	103.00	17.4
7.12	20.42	39.40	20.14	71.57	19.79	103.64	17.4
7.76	20.42	40.04	20.13	72.22	19.80	104.28	17.4
8.41	20.41	40.69	20.10	72.86	19.80	104.92	17.4
9.06	20.40	41.33	20.08	73.50	19.80	105.56	17.4
9.70	20.40	41.98	20.07	74.14	19.80	106.20	17.4
10.35	20.40	42.62	20.04	74.78	19.80	106.84	17.4
11.00	20.40	43.27	20.00	75.43	19.80	107.48	17.4
11.64	20.40	43.91	19.98	76.07	19.82	108.12	17.4
12.29	20.40	44.55	19.95	76.71	19.82	108.76	17.4
12.94	20.40	45.20	19.93	77.35	19.82	109.40	17.4
13.58	20.40	45.84	19.92	77.99	19.82	110.04	17.4
14.23	20.40	46.49	19.91	78.64	19.81	110.68	16.4
14.87	20.40	47.13	19.91	79.28	19.81	111.32	16.4
15.52	20.40	47.77	19.88	79.92	19.80	111.96	16.4
16.17	20.40	48.42	19.85	80.56	19.79	112.60	16.4
16.81	20.41	49.06	19.85	81.20	19.78	113.24	16.4
17.46	20.40	49.71	19.83	81.85	19.73	113.88	16.4
18.10	20.39	50.35	19.83	82.49	19.69	114.52	16.4
18.75	20.41	50.99	19.82	83.13	19.64	115.16	16.4
19.40	20.41	51.64	19.81	83.77	19.58	115.80	16.4
20.04	20.39	52.28	19.81	84.41	19.50	116.44	16.4
20.69	20.39	52.93	19.81	85.05	19.44	117.07	16.4
21.33	20.40	53.57	19.82	85.70	19.41	117.71	16.4
21.98	20.40	54.21	19.80	86.34	19.38	118.35	16.4
22.63	20.41	54.86	19.81	86.98	19.36	118.99	16.4
23.27	20.40	55.50	19.82	87.62	19.35	119.63	16.4
23.92	20.40	56.14	19.80	88.26	19.33	120.27	16.4
24.56	20.41	56.79	19.80	88.90	19.30	120.91	16.4
25.21	20.41	57.43	19.80	89.54	19.27	121.55	16.4
25.85	20.41	58.07	19.80	90.18	19.27	122.19	16.4
26.50	20.40	58.72	19.80	90.83	19.24	122.83	16.4
27.14	20.40	59.36	19.80	91.47	19.20	123.47	16.4
27.79	20.38	60.00	19.79	92.11	19.18	124.11	16.4
28.43	20.38	60.65	19.79	92.75	19.14	124.74	16.4
29.08	20.37	61.29	19.81	93.39	19.11	125.38	16.4
29.73	20.37	61.93	19.81	94.03	19.06	126.02	16.4
30.37	20.36	62.58	19.80	94.67	19.02	126.66	16.4
31.02	20.34	63.22	19.80	95.31	18.96	127.30	16.4
31.66	20.33	63.86	19.79	95.95	18.93	127.94	16.4
32.31	20.33	64.50	19.80	96.59	18.89	128.58	16.4
32.95	20.32	65.15	19.80	97.23	18.81	129.21	16.4

on bottom  
 at 122m

Cruise: 91602  
 Date: 03-03-1991  
 Time: 11:44:33 GMT  
 Lat: 27 50.00 N  
 Lon: 93 48.00 W  
 Stn. 08

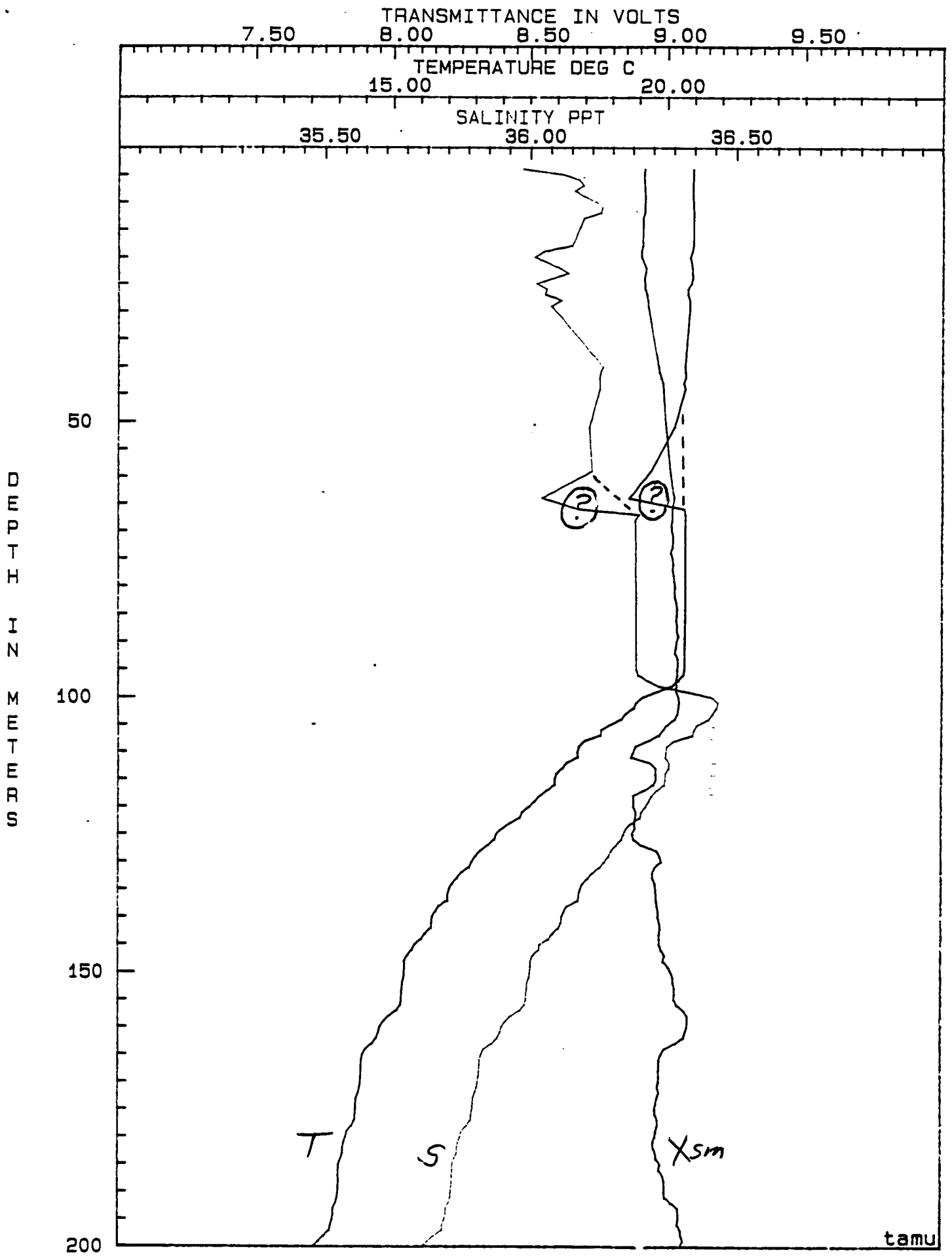
Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
0.65	<del>20.20</del>	32.95	21.25	65.15	20.76	97.23	18.64
1.29	<del>20.64</del>	33.60	21.23	65.79	20.77	97.88	18.61
1.94	<del>20.94</del>	34.24	21.21	66.43	20.76	98.52	18.58
2.59	20.77	34.89	21.21	67.08	20.74	99.16	18.55
3.24	20.71	35.53	21.22	67.72	20.73	99.80	18.52
3.88	20.67	36.18	21.18	68.36	20.73	100.44	18.52
4.53	20.71	36.82	21.18	69.00	20.72	101.08	18.48
5.18	20.69	37.46	21.17	69.65	20.73	101.72	18.47
5.82	20.70	38.11	21.15	70.29	20.71	102.36	18.45
6.47	20.70	38.75	21.13	70.93	20.70	103.00	18.42
7.12	20.89	39.40	21.14	71.57	20.67	103.64	18.39
7.76	21.09	40.04	21.13	72.22	20.66	104.28	18.32
8.41	20.78	40.69	21.12	72.86	20.64	104.92	18.27
9.06	20.97	41.33	21.10	73.50	20.63	105.56	18.21
9.70	21.02	41.98	21.10	74.14	20.62	106.20	18.12
10.35	21.21	42.62	21.10	74.78	20.60	106.84	18.02
11.00	22.21	43.27	21.08	75.43	20.59	107.48	17.93
11.64	22.73	43.91	21.08	76.07	20.57	108.12	17.87
12.29	21.67	44.55	21.07	76.71	20.54	108.76	17.76
12.94	21.40	45.20	21.08	77.35	20.52	109.40	17.61
13.58	21.30	45.84	21.06	77.99	20.51	110.04	17.56
14.23	21.21	46.49	21.06	78.64	20.51	110.68	17.53
14.87	21.19	47.13	21.05	79.28	20.51	111.32	17.52
15.52	21.19	47.77	21.05	79.92	20.50	111.96	17.50
16.17	21.18	48.42	21.04	80.56	20.50	112.60	17.48
16.81	21.20	49.06	21.04	81.20	20.47	113.24	17.48
17.46	21.48	49.71	21.04	81.85	20.47	113.88	17.47
18.10	21.53	50.35	21.03	82.49	20.48	114.52	17.46
18.75	21.45	50.99	21.02	83.13	20.47	115.16	17.45
19.40	21.49	51.64	21.02	83.77	20.45	115.80	17.46
20.04	21.66	52.28	21.02	84.41	20.43	116.44	17.45
20.69	21.45	52.93	21.01	85.05	20.42	117.07	17.41
21.33	21.35	53.57	21.04	85.70	20.40	117.71	17.39
21.98	21.29	54.21	21.04	86.34	20.32	118.35	17.37
22.63	21.28	54.86	21.02	86.98	20.18	118.99	17.30
23.27	21.25	55.50	21.01	87.62	20.05	119.63	17.19
23.92	21.23	56.14	20.99	88.26	19.93	120.27	17.14
24.56	21.23	56.79	20.95	88.90	19.88	120.91	17.11
25.21	21.21	57.43	20.92	89.54	19.86	121.55	17.06
25.85	21.21	58.07	20.92	90.18	19.84	122.19	16.90
26.50	21.23	58.72	20.91	90.83	19.70	122.83	16.80
27.14	21.23	59.36	20.88	91.47	19.52	123.47	16.72
27.79	21.24	60.00	20.82	92.11	19.19	124.11	16.64
28.43	21.22	60.65	20.76	92.75	19.00	124.74	16.59
29.08	21.24	61.29	20.73	93.39	18.89	125.38	16.56
29.73	21.24	61.93	20.73	94.03	18.76	126.02	16.55
30.37	21.24	62.58	20.73	94.67	18.71	126.66	16.52
31.02	21.23	63.22	20.73	95.31	18.70	127.30	16.52
31.66	21.25	63.86	20.75	95.95	18.67	127.94	16.52
32.31	21.24	64.50	20.74	96.59	18.66	128.58	16.50
32.95	21.25	65.15	20.76	97.23	18.64	129.21	16.50
						129.85	16.45
						130.49	16.41

on bottom at 131m

STATION SBE009.AVG:: CRUISE 91G02 DATE & TIME Sun Mar 03 14:00:37 1991, Julian day = 62  
 LAT 27 42.6 N LON 93 45.4 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
3.0	20.459	<del>35.977</del>	<del>25.168</del>	<del>8.909</del>	53.0	20.299	35.860	25.340	8.996	103.0	19.256	36.444	26.060	9.039
4.0	20.456	35.980	25.389	8.915	54.0	19.889	35.908	25.485	8.993	104.0	19.170	36.434	26.075	9.030
5.0	20.456	36.075	25.461	8.913	55.0	19.726	25.801	17.830	8.997	105.0	18.976	36.408	26.105	9.004
6.0	20.451	36.114	25.493	8.913	56.0	19.794	33.426	23.616	9.008	106.0	18.795	36.399	26.145	8.987
7.0	20.442	36.126	25.504	8.915	57.0	20.131	34.147	24.079	9.011	107.0	18.787	36.396	26.144	8.973
8.0	20.441	36.105	25.489	8.916	58.0	19.829	31.073	21.815	9.008	108.0	18.502	36.352	26.183	8.935
9.0	20.443	36.128	25.506	8.917	59.0	19.693	36.148	25.720	9.009	109.0	18.388	36.333	26.197	8.888
10.0	20.450	36.156	25.525	8.916	60.0	19.848	35.779	25.398	9.016	110.0	18.367	36.331	26.201	8.880
11.0	20.455	36.172	25.536	8.915	61.0	20.387	35.237	24.841	9.019	111.0	18.372	36.330	26.199	8.871
12.0	20.457	36.169	25.533	8.915	62.0	20.182	35.604	25.176	9.015	112.0	18.171	36.339	26.256	8.939
13.0	20.456	36.127	25.501	8.909	63.0	19.580	35.871	25.538	9.019	113.0	18.095	36.338	26.275	8.961
14.0	20.448	32.912	23.053	8.906	64.0	19.297	36.027	25.731	9.024	114.0	17.987	36.330	26.295	8.960
15.0	20.431	24.693	16.814	8.911	65.0	19.839	35.669	25.316	9.019	115.0	17.951	36.329	26.304	8.962
16.0	20.424	32.075	22.423	8.916	66.0	20.300	36.114	25.533	9.017	116.0	17.957	36.326	26.300	8.953
17.0	20.456	35.559	25.068	8.913	67.0	20.316	36.264	25.643	9.017	117.0	17.824	36.309	26.320	8.921
18.0	20.456	36.099	25.480	8.908	68.0	20.316	36.254	25.636	9.017	118.0	17.688	36.296	26.344	8.879
19.0	20.430	36.032	25.435	8.903	69.0	20.317	36.255	25.636	9.014	119.0	17.596	36.289	26.361	8.880
20.0	20.396	36.008	25.427	8.904	70.0	20.317	36.255	25.636	9.016	120.0	17.489	36.282	26.381	8.879
21.0	20.350	35.790	25.273	8.908	71.0	20.317	36.255	25.636	9.020	121.0	17.358	36.271	26.405	8.888
22.0	20.438	36.067	25.460	8.921	72.0	20.317	36.256	25.636	9.020	122.0	17.315	36.269	26.414	8.887
23.0	20.437	36.090	25.478	8.918	73.0	20.317	36.256	25.637	9.018	123.0	17.144	36.248	26.439	8.882
24.0	20.442	36.051	25.447	8.914	74.0	20.317	36.256	25.637	9.012	124.0	16.993	36.234	26.464	8.885
25.0	20.416	36.013	25.425	8.916	75.0	20.316	36.256	25.637	9.019	125.0	16.884	36.228	26.486	8.875
26.0	20.355	36.037	25.460	8.916	76.0	20.317	36.256	25.636	9.021	126.0	16.851	36.222	26.490	8.880
27.0	20.354	36.034	25.458	8.923	77.0	20.317	36.255	25.636	9.019	127.0	16.733	36.210	26.508	8.908
28.0	20.390	36.073	25.478	8.927	78.0	20.318	36.256	25.637	9.023	128.0	16.596	36.198	26.531	8.963
29.0	20.391	36.048	25.458	8.928	79.0	20.318	36.257	25.637	9.025	129.0	16.504	36.191	26.547	8.975
30.0	20.316	31.499	22.013	8.940	80.0	20.320	36.257	25.637	9.028	130.0	16.437	36.181	26.556	8.981
31.0	20.202	18.151	11.914	8.955	81.0	20.321	36.257	25.637	9.026	131.0	16.391	36.170	26.558	8.958
32.0	20.257	14.232	8.935	8.958	82.0	20.321	36.258	25.637	9.028	132.0	16.240	36.152	26.579	8.949
33.0	20.311	25.745	17.642	8.961	83.0	20.322	36.257	25.637	9.033	133.0	16.164	36.140	26.588	8.949
34.0	20.324	36.466	25.796	8.954	84.0	20.322	36.257	25.637	9.036	134.0	16.077	36.127	26.598	8.958
35.0	20.243	30.123	20.985	8.952	85.0	20.321	36.257	25.637	9.035	135.0	16.016	36.121	26.608	8.960
36.0	20.197	24.954	17.070	8.950	86.0	20.321	36.257	25.636	9.033	136.0	15.989	36.118	26.612	8.962
37.0	20.167	23.624	16.068	8.954	87.0	20.321	36.258	25.637	9.036	137.0	15.993	36.117	26.609	8.963
38.0	20.290	31.503	22.023	8.961	88.0	20.321	36.258	25.637	9.036	138.0	15.836	36.090	26.625	8.966
39.0	20.308	35.756	25.258	8.963	89.0	20.321	36.258	25.638	9.042	139.0	15.772	36.082	26.634	8.970
40.0	20.304	36.175	25.578	8.967	90.0	20.320	36.258	25.638	9.035	140.0	15.708	36.076	26.644	8.969
41.0	20.316	36.168	25.570	8.970	91.0	20.319	36.259	25.638	9.033	141.0	15.698	36.075	26.646	8.974
42.0	20.314	36.166	25.569	8.976	92.0	20.319	36.259	25.638	9.030	142.0	15.691	36.070	26.643	8.977
43.0	20.286	36.167	25.577	8.983	93.0	20.319	36.259	25.638	9.039	143.0	15.585	36.055	26.656	8.974
44.0	20.310	36.167	25.571	8.984	94.0	20.318	36.259	25.639	9.040	144.0	15.513	36.046	26.665	8.974
45.0	20.282	33.236	23.344	8.983	95.0	20.316	36.259	25.639	9.038	145.0	15.398	36.023	26.673	8.974
46.0	20.215	26.756	18.434	8.985	96.0	20.296	36.263	25.648	9.038	146.0	15.342	36.022	26.685	8.981
47.0	20.239	33.851	23.824	8.991	97.0	20.209	36.285	25.688	9.034	147.0	15.262	36.007	26.691	8.994
48.0	20.286	34.847	24.571	8.991	98.0	20.084	36.314	25.744	9.036	148.0	15.207	36.002	26.699	8.988
49.0	20.198	35.418	25.030	8.985	99.0	19.820	36.381	25.865	9.034	149.0	15.207	36.001	26.699	9.005
50.0	20.200	32.810	23.042	8.992	100.0	19.568	36.440	25.976	9.043	150.0	15.201	36.000	26.699	9.016
51.0	20.117	36.142	25.603	8.994	101.0	19.442	36.457	26.022	9.045	151.0	15.196	35.998	26.699	9.024
52.0	20.085	35.949	25.465	9.003	102.0	19.398	36.453	26.031	9.043	152.0	15.169	35.993	26.702	9.025





CRUISE: 91G02 STATION: SBE009.A DATE: Mar 03 14:00:37 1991  
 LATITUDE: 27 42.6 N LONGITUDE: 93 45.4 W

Cruise: 91602  
 Date: 03-03-1991  
 Time: 17:50:21 GMT  
 Lat: 27 20.00 N  
 Lon: 93 30.00 W  
 Stn. 10

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	21.03	68.78	20.82	102.69	18.53
		35.46	21.01	69.46	20.83	103.37	18.49
		36.14	20.99	70.14	20.79	104.04	18.43
2.73	21.10	36.82	20.96	70.81	20.78	104.72	18.31
3.41	21.15	37.50	20.96	71.49	20.78	105.40	18.26
4.10	21.15	38.18	20.95	72.17	20.75	106.07	18.23
4.78	21.16	38.86	20.94	72.85	20.75	106.75	18.22
5.46	21.15	39.54	20.93	73.53	20.74	107.43	18.16
6.14	21.17	40.22	20.93	74.21	20.72	108.11	18.07
6.83	21.15	40.90	20.91	74.89	20.68	108.78	18.02
7.51	21.16	41.58	20.91	75.57	20.64	109.46	17.97
8.19	21.15	42.26	20.91	76.25	20.57	110.14	17.92
8.87	21.15	42.94	20.91	76.92	20.39	110.81	17.91
9.56	21.15	43.62	20.90	77.60	20.18	111.49	17.89
10.24	21.14	44.31	20.91	78.28	20.05	112.17	17.88
10.92	21.13	44.99	20.91	78.96	19.96	112.84	17.85
11.60	21.13	45.67	20.90	79.64	19.92	113.52	17.82
12.28	21.13	46.35	20.90	80.32	19.88	114.20	17.78
12.97	21.12	47.03	20.91	81.00	19.84	114.87	17.74
13.65	21.12	47.71	20.91	81.67	19.81	115.55	17.68
14.33	21.11	48.39	20.90	82.35	19.76	116.23	17.64
15.01	21.13	49.07	20.88	83.03	19.70	116.90	17.58
15.69	21.12	49.75	20.89	83.71	19.64	117.58	17.52
16.38	21.10	50.43	20.89	84.39	19.61	118.26	17.47
17.06	21.10	51.11	20.89	85.07	19.57	118.93	17.43
17.74	21.10	51.79	20.89	85.74	19.57	119.61	17.38
18.42	21.10	52.47	20.88	86.42	19.57	120.29	17.34
19.10	21.06	53.15	20.89	87.10	19.55	120.96	17.30
19.79	21.07	53.83	20.89	87.78	19.50	121.64	17.22
20.47	21.08	54.51	20.88	88.46	19.46	122.31	17.17
21.15	21.08	55.19	20.88	89.13	19.43	122.99	17.14
21.83	21.08	55.87	20.88	89.81	19.37	123.67	17.13
22.51	21.05	56.55	20.88	90.49	19.31	124.34	17.08
23.19	21.08	57.23	20.86	91.17	19.28	125.02	17.07
23.88	21.07	57.91	20.87	91.85	19.23	125.70	17.05
24.56	21.08	58.59	20.87	92.52	19.19	126.37	17.00
25.24	21.07	59.27	20.87	93.20	19.16	127.05	16.98
25.92	21.05	59.95	20.84	93.88	19.10	127.72	16.95
26.60	21.06	60.63	20.86	94.56	19.08	128.40	16.89
27.28	21.04	61.30	20.85	95.24	19.04	129.07	16.83
27.96	21.06	61.98	20.84	95.91	19.00	129.75	16.79
28.65	21.04	62.66	20.86	96.59	18.93	130.43	16.77
29.33	21.06	63.34	20.85	97.27	18.90	131.10	16.75
30.01	21.05	64.02	20.87	97.95	18.86	131.78	16.71
30.69	21.04	64.70	20.87	98.62	18.81	132.45	16.69
31.37	21.04	65.38	20.86	99.30	18.77	133.13	16.64
32.05	21.04	66.06	20.86	99.98	18.72	133.81	16.60
32.73	21.04	66.74	20.86	100.66	18.69	134.48	16.58
33.41	21.04	67.42	20.85	101.33	18.62	135.16	16.57
34.09	21.03	68.10	20.84	102.01	18.56	135.83	16.54
34.78	21.03	68.78	20.82	102.69	18.53	136.51	16.51

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	16.46	174.28	14.96	211.26	13.51	248.14	12.67
137.86	16.44	174.95	14.94	211.93	13.51	248.81	12.67
138.53	16.39	175.62	14.91	212.60	13.48	249.48	12.67
139.21	16.33	176.30	14.90	213.28	13.43	250.14	12.67
139.88	16.32	176.97	14.89	213.95	13.42	250.81	12.67
140.56	16.27	177.64	14.86	214.62	13.42	251.48	12.67
141.23	16.23	178.32	14.85	215.29	13.41	252.15	12.67
141.91	16.19	178.99	14.82	215.96	13.41	252.82	12.67
142.59	16.15	179.66	14.80	216.63	13.39	253.49	12.67
143.26	16.14	180.34	14.76	217.30	13.37	254.16	12.67
143.94	16.11	181.01	14.70	217.97	13.32	254.83	12.67
144.61	16.08	181.68	14.66	218.65	13.29	255.50	12.67
145.29	16.03	182.36	14.64	219.32	13.28	256.17	12.67
145.96	16.01	183.03	14.61	219.99	13.26	256.84	12.67
146.64	15.99	183.70	14.61	220.66	13.24	257.50	12.67
147.31	15.97	184.38	14.60	221.33	13.20	258.17	12.67
147.99	15.93	185.05	14.61	222.00	13.19	258.84	12.67
148.66	15.93	185.72	14.60	222.67	13.18	259.51	12.67
149.34	15.90	186.39	14.56	223.34	13.17	260.18	12.67
150.01	15.90	187.07	14.53	224.01	13.15	260.85	12.67
150.68	15.90	187.74	14.50	224.68	13.13	261.52	12.67
151.36	15.87	188.41	14.48	225.35	13.11	262.19	12.67
152.03	15.84	189.08	14.45	226.02	13.10	262.86	12.67
152.71	15.82	189.76	14.42	226.70	13.09	263.52	12.67
153.38	15.80	190.43	14.42	227.37	13.05	264.19	12.67
154.06	15.79	191.10	14.40	228.04	13.04	264.86	12.67
154.73	15.76	191.77	14.37	228.71	13.03	265.53	12.67
155.41	15.72	192.45	14.35	229.38	13.03	266.20	12.67
156.08	15.70	193.12	14.33	230.05	13.01	266.87	12.67
156.76	15.67	193.79	14.30	230.72	13.01	267.53	12.67
157.43	15.66	194.46	14.28	231.39	13.01	268.20	12.67
158.10	15.62	195.14	14.25	232.06	13.02	268.87	12.67
158.78	15.59	195.81	14.22	232.73	13.02	269.54	12.67
159.45	15.56	196.48	14.18	233.40	13.01	270.21	12.67
160.13	15.54	197.15	14.14	234.07	12.98	270.88	12.67
160.80	15.52	197.83	14.11	234.74	12.97	271.54	12.67
161.48	15.48	198.50	14.08	235.41	12.94	272.21	12.67
162.15	15.46	199.17	14.02	236.08	12.93	272.88	12.67
162.82	15.43	199.84	14.00	236.75	12.92	273.55	11.9
163.50	15.37	200.51	13.97	237.42	12.91	274.22	11.9
164.17	15.36	201.19	13.90	238.09	12.90	274.88	11.9
164.85	15.34	201.86	13.86	238.76	12.89	275.55	11.9
165.52	15.31	202.53	13.81	239.43	12.89	276.22	11.9
166.19	15.31	203.20	13.81	240.10	12.87	276.89	11.8
166.87	15.28	203.87	13.78	240.77	12.86	277.56	11.8
167.54	15.27	204.55	13.77	241.44	12.85	278.22	11.8
168.22	15.23	205.22	13.74	242.11	12.83	278.89	11.8
168.89	15.19	205.89	13.72	242.78	12.83	279.56	11.8
169.56	15.18	206.56	13.68	243.45	12.82	280.23	11.8
170.24	15.13	207.23	13.64	244.12	12.82	280.90	11.8
170.91	15.10	207.90	13.58	244.79	12.80	281.56	11.7
171.58	15.09	208.58	13.56	245.46	12.76	282.23	11.7
172.26	15.07	209.25	13.51	246.13	12.73	282.90	11.7
172.93	15.03	209.92	13.52	246.80	12.72	283.57	11.7
173.60	15.01	210.59	13.53	247.47	12.70	284.23	11.7
174.28	14.96	211.26	13.51	248.14	12.67	284.90	11.7



Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	11.68	322.22	10.84	358.76	10.16	395.19	9.47
286.24	11.67	322.89	10.81	359.43	10.15	395.86	9.45
286.90	11.66	323.55	10.78	360.09	10.12	396.52	9.44
287.57	11.66	324.22	10.75	360.75	10.11	397.18	9.44
288.24	11.65	324.88	10.74	361.42	10.08	397.84	9.46
288.90	11.63	325.55	10.74	362.08	10.07	398.50	9.44
289.57	11.62	326.21	10.74	362.74	10.03	399.16	9.41
290.24	11.60	326.88	10.72	363.40	9.99	399.82	9.40
290.91	11.58	327.54	10.72	364.07	9.99	400.48	9.39
291.57	11.56	328.21	10.71	364.73	9.97	401.14	9.37
292.24	11.54	328.87	10.70	365.39	9.97	401.81	9.35
292.91	11.48	329.54	10.70	366.06	9.97	402.47	9.33
293.57	11.44	330.20	10.71	366.72	9.96	403.13	9.32
294.24	11.45	330.87	10.70	367.38	9.97	403.79	9.33
294.91	11.45	331.53	10.70	368.05	9.96	404.45	9.32
295.57	11.44	332.20	10.70	368.71	9.95	405.11	9.30
296.24	11.42	332.86	10.67	369.37	9.93	405.77	9.29
296.91	11.42	333.53	10.68	370.03	9.91	406.43	9.30
297.58	11.41	334.19	10.67	370.70	9.89	407.09	9.30
298.24	11.36	334.86	10.65	371.36	9.86	407.75	9.27
298.91	11.33	335.52	10.65	372.02	9.84	408.41	9.26
299.58	11.32	336.19	10.59	372.69	9.82	409.08	9.26
300.24	11.31	336.85	10.58	373.35	9.80	409.74	9.23
300.91	11.31	337.51	10.57	374.01	9.82	410.40	9.23
301.58	11.31	338.18	10.55	374.67	9.80	411.06	9.22
302.24	11.28	338.84	10.53	375.34	9.79	411.72	9.22
302.91	11.27	339.51	10.51	376.00	9.79	412.38	9.20
303.57	11.28	340.17	10.50	376.66	9.79	413.04	9.21
304.24	11.28	340.84	10.49	377.32	9.76	413.70	9.22
304.91	11.26	341.50	10.47	377.99	9.75	414.36	9.22
305.57	11.24	342.17	10.47	378.65	9.74	415.02	9.21
306.24	11.23	342.83	10.46	379.31	9.73	415.68	9.19
306.91	11.23	343.49	10.43	379.97	9.72	416.34	9.22
307.57	11.24	344.16	10.42	380.63	9.70	417.00	9.21
308.24	11.24	344.82	10.40	381.30	9.70	417.66	9.19
308.90	11.23	345.49	10.40	381.96	9.71	418.32	9.20
309.57	11.18	346.15	10.39	382.62	9.70	418.98	9.18
310.24	11.18	346.81	10.37	383.28	9.71	419.64	9.18
310.90	11.16	347.48	10.36	383.94	9.69	420.30	9.16
311.57	11.15	348.14	10.34	384.61	9.67	420.96	9.15
312.23	11.12	348.81	10.34	385.27	9.65	421.62	9.14
312.90	11.07	349.47	10.32	385.93	9.63	422.28	9.13
313.57	11.05	350.13	10.30	386.59	9.64	422.94	9.10
314.23	11.03	350.80	10.28	387.25	9.62	423.60	9.08
314.90	11.00	351.46	10.26	387.92	9.61	424.26	9.08
315.56	10.98	352.13	10.26	388.58	9.61	424.92	9.07
316.23	10.96	352.79	10.25	389.24	9.60	425.58	9.06
316.90	10.94	353.45	10.23	389.90	9.60	426.24	9.03
317.56	10.94	354.12	10.22	390.56	9.59	426.90	9.02
318.23	10.91	354.78	10.20	391.22	9.58	427.56	9.02
318.89	10.91	355.44	10.19	391.89	9.56	428.22	8.99
319.56	10.89	356.11	10.19	392.55	9.54	428.88	8.98
320.22	10.88	356.77	10.18	393.21	9.50	429.54	8.98
320.89	10.87	357.44	10.19	393.87	9.49	430.20	8.96
321.55	10.86	358.10	10.17	394.53	9.47	430.86	8.95
322.22	10.84	358.76	10.16	395.19	9.47	431.52	8.93

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	8.94	468.38	8.46	504.48	7.83	540.47	7.
432.83	8.91	469.04	8.47	505.14	7.80	541.13	7.
433.49	8.90	469.70	8.46	505.79	7.84	541.78	7.
434.15	8.91	470.36	8.45	506.45	7.83	542.43	7.
434.81	8.88	471.01	8.46	507.11	7.83	543.09	7.
435.47	8.88	471.67	8.45	507.76	7.80	543.74	7.
436.13	8.87	472.33	8.44	508.42	7.80	544.39	7.
436.79	8.88	472.99	8.43	509.07	7.79	545.05	7.
437.45	8.87	473.64	8.40	509.73	7.77	545.70	7.
438.11	8.87	474.30	8.39	510.38	7.79	546.35	7.
438.77	8.86	474.96	8.37	511.04	7.77	547.01	7.
439.43	8.84	475.61	8.35	511.69	7.74	547.66	7.
440.08	8.83	476.27	8.34	512.35	7.77	548.31	7.
440.74	8.82	476.93	8.32	513.00	7.76	548.96	7.
441.40	8.81	477.58	8.31	513.66	7.73	549.62	7.
442.06	8.80	478.24	8.28	514.31	7.75	550.27	7.
442.72	8.77	478.90	8.27	514.97	7.74	550.92	7.
443.38	8.78	479.55	8.26	515.62	7.74	551.58	7.
444.04	8.77	480.21	8.24	516.27	7.74	552.23	7.
444.70	8.75	480.87	8.24	516.93	7.73	552.88	7.
445.35	8.75	481.52	8.22	517.58	7.71	553.53	7.
446.01	8.74	482.18	8.21	518.24	7.70	554.19	7.
446.67	8.73	482.84	8.20	518.89	7.72	554.84	7.
447.33	8.73	483.49	8.19	519.55	7.70	555.49	7.
447.99	8.72	484.15	8.17	520.20	7.70	556.14	7.
448.65	8.73	484.81	8.16	520.86	7.70	556.80	7.
449.31	8.74	485.46	8.16	521.51	7.69	557.45	7.
449.96	8.74	486.12	8.15	522.17	7.68	558.10	7.
450.62	8.72	486.78	8.13	522.82	7.68	558.75	7.
451.28	8.72	487.43	8.13	523.47	7.65	559.41	7.
451.94	8.69	488.09	8.11	524.13	7.67	560.06	7.
452.60	8.66	488.75	8.09	524.78	7.65	560.71	7.
453.26	8.66	489.40	8.08	525.44	7.64	561.36	7.
453.91	8.63	490.06	8.09	526.09	7.63	562.01	7.
454.57	8.61	490.71	8.07	526.75	7.64	562.67	7.
455.23	8.61	491.37	8.06	527.40	7.64	563.32	7.
455.89	8.59	492.03	8.04	528.05	7.66	563.97	7.
456.55	8.58	492.68	8.02	528.71	7.63	564.62	7.
457.20	8.58	493.34	8.01	529.36	7.61	565.27	7.
457.86	8.57	493.99	8.02	530.02	7.62	565.93	7.
458.52	8.58	494.65	8.00	530.67	7.61	566.58	7.
459.18	8.58	495.31	8.01	531.32	7.58	567.23	7.
459.84	8.57	495.96	8.00	531.98	7.60	567.88	7.
460.49	8.57	496.62	7.99	532.63	7.59	568.53	7.
461.15	8.55	497.27	8.00	533.28	7.57	569.19	7.
461.81	8.54	497.93	7.97	533.94	7.57	569.84	7.
462.47	8.55	498.58	7.95	534.59	7.57	570.49	7.
463.12	8.54	499.24	7.95	535.25	7.57	571.14	7.
463.78	8.54	499.90	7.92	535.90	7.58	571.79	7.
464.44	8.53	500.55	7.92	536.55	7.54	572.44	7.
465.10	8.53	501.21	7.90	537.21	7.56	573.10	7.
465.75	8.50	501.86	7.89	537.86	7.52	573.75	7.
466.41	8.52	502.52	7.89	538.51	7.54	574.40	7.
467.07	8.48	503.17	7.86	539.17	7.52	575.05	7.
467.73	8.48	503.83	7.84	539.82	7.52	575.70	7.
468.38	8.46	504.48	7.83	540.47	7.52	576.35	7.

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	7.16	612.77	6.85	648.43	6.54	683.98	6.37
577.66	7.16	613.42	6.83	649.08	6.52	684.62	6.37
578.31	7.15	614.07	6.81	649.72	6.53	685.27	6.37
578.96	7.15	614.72	6.81	650.37	6.51	685.91	6.36
579.61	7.13	615.37	6.79	651.02	6.52	686.56	6.35
580.26	7.12	616.02	6.80	651.66	6.50	687.20	6.36
580.91	7.10	616.67	6.78	652.31	6.51	687.85	6.34
581.56	7.08	617.32	6.78	652.96	6.49	688.49	6.35
582.21	7.08	617.96	6.76	653.61	6.50	689.14	6.35
582.86	7.08	618.61	6.77	654.25	6.49	689.78	6.34
583.52	7.06	619.26	6.77	654.90	6.50	690.43	6.35
584.17	7.06	619.91	6.78	655.55	6.47	691.07	6.35
584.82	7.05	620.56	6.79	656.19	6.49	691.72	6.34
585.47	7.04	621.21	6.76	656.84	6.49	692.36	6.35
586.12	7.05	621.86	6.76	657.49	6.49	693.01	6.34
586.77	7.03	622.51	6.74	658.13	6.50	693.65	6.33
587.42	7.04	623.16	6.74	658.78	6.48	694.30	6.33
588.07	7.02	623.80	6.74	659.43	6.48	694.94	6.32
588.72	6.97	624.45	6.73	660.07	6.48	695.59	6.34
589.37	7.00	625.10	6.73	660.72	6.47	696.23	6.31
590.02	7.00	625.75	6.73	661.37	6.47	696.87	6.31
590.67	7.00	626.40	6.71	662.01	6.48	697.52	6.31
591.32	6.99	627.05	6.70	662.66	6.46	698.16	6.30
591.97	6.98	627.70	6.70	663.31	6.47	698.81	6.31
592.63	6.99	628.34	6.69	663.95	6.46	699.45	6.32
593.28	6.98	628.99	6.69	664.60	6.47	700.10	6.31
593.93	6.98	629.64	6.67	665.25	6.47	700.74	6.31
594.58	6.97	630.29	6.66	665.89	6.48	701.39	6.29
595.23	6.97	630.94	6.67	666.54	6.47	702.03	6.31
595.88	6.95	631.59	6.67	667.19	6.46	702.67	6.31
596.53	6.93	632.23	6.65	667.83	6.46	703.32	6.30
597.18	6.94	632.88	6.64	668.48	6.45	703.96	6.31
597.83	6.94	633.53	6.65	669.12	6.45	704.61	6.30
598.48	6.92	634.18	6.65	669.77	6.43	705.25	6.28
599.13	6.92	634.83	6.63	670.42	6.43	705.90	6.27
599.78	6.93	635.48	6.61	671.06	6.43	706.54	6.26
600.43	6.91	636.12	6.59	671.71	6.42	707.18	6.25
601.08	6.92	636.77	6.59	672.35	6.40	707.83	6.25
601.73	6.92	637.42	6.59	673.00	6.40	708.47	6.23
602.38	6.92	638.07	6.59	673.65	6.39	709.11	6.24
603.03	6.89	638.71	6.60	674.29	6.41	709.76	6.24
603.68	6.89	639.36	6.59	674.94	6.41	710.40	6.24
604.33	6.88	640.01	6.58	675.58	6.40	711.05	6.23
604.98	6.87	640.66	6.59	676.23	6.40	711.69	6.23
605.63	6.85	641.31	6.56	676.88	6.38	712.33	6.24
606.28	6.85	641.95	6.56	677.52	6.41	712.98	6.22
606.93	6.84	642.60	6.57	678.17	6.40	713.62	6.22
607.58	6.85	643.25	6.55	678.81	6.40	714.26	6.22
608.23	6.83	643.90	6.56	679.46	6.41	714.91	6.21
608.88	6.85	644.54	6.55	680.10	6.38	715.55	6.22
609.52	6.83	645.19	6.55	680.75	6.40	716.20	6.21
610.17	6.85	645.84	6.55	681.39	6.39	716.84	6.23
610.82	6.85	646.49	6.56	682.04	6.38	717.48	6.20
611.47	6.84	647.13	6.55	682.68	6.38	718.13	6.20
612.12	6.84	647.78	6.55	683.33	6.37	718.77	6.21
612.77	6.85	648.43	6.54	683.98	6.37	719.41	6.19

Cruise: 91602  
 Date: 03-03-1991  
 Time: 20:00:03 GMT  
 Lat: 27 10.00 N  
 Lon: 93 08.00 W  
 Stn. 11

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	21.09	68.78	20.81	102.69	18.54
		35.46	21.08	69.46	20.74	103.37	18.50
2.05	21.10	36.14	21.08	70.14	20.63	104.04	18.45
2.73	21.14	36.82	21.08	70.81	20.54	104.72	18.41
3.41	21.15	37.50	21.08	71.49	20.42	105.40	18.37
4.10	21.17	38.18	21.08	72.17	20.36	106.07	18.34
4.78	21.17	38.86	21.08	72.85	20.31	106.75	18.26
5.46	21.15	39.54	21.09	73.53	20.26	107.43	18.21
6.14	21.42	40.22	21.08	74.21	20.22	108.11	18.16
6.83	21.48	40.90	21.08	74.89	20.19	108.78	18.13
7.51	21.30	41.58	21.07	75.57	20.10	109.46	18.09
8.19	21.31	42.26	21.08	76.25	19.96	110.14	18.04
8.87	21.29	42.94	21.09	76.92	19.91	110.81	18.00
9.56	21.28	43.62	21.07	77.60	19.89	111.49	17.97
10.24	21.29	44.31	21.07	78.28	19.88	112.17	17.94
10.92	21.26	44.99	21.05	78.96	19.87	112.84	17.92
11.60	21.24	45.67	21.06	79.64	19.85	113.52	17.91
12.28	21.24	46.35	21.06	80.32	19.85	114.20	17.88
12.97	21.21	47.03	21.06	81.00	19.85	114.87	17.85
13.65	21.18	47.71	21.05	81.67	19.78	115.55	17.81
14.33	21.20	48.39	21.06	82.35	19.68	116.23	17.77
15.01	21.19	49.07	21.05	83.03	19.62	116.90	17.73
15.69	21.18	49.75	21.02	83.71	19.56	117.58	17.70
16.38	21.16	50.43	21.02	84.39	19.54	118.26	17.65
17.06	21.16	51.11	21.04	85.07	19.50	118.93	17.64
17.74	21.15	51.79	21.03	85.74	19.50	119.61	17.62
18.42	21.14	52.47	21.03	86.42	19.47	120.29	17.61
19.10	21.14	53.15	21.04	87.10	19.43	120.96	17.61
19.79	21.13	53.83	21.03	87.78	19.39	121.64	17.58
20.47	21.13	54.51	21.02	88.46	19.38	122.31	17.55
21.15	21.13	55.19	21.01	89.13	19.37	122.99	17.53
21.83	21.13	55.87	21.00	89.81	19.36	123.67	17.49
22.51	21.14	56.55	20.99	90.49	19.34	124.34	17.45
23.19	21.13	57.23	20.98	91.17	19.33	125.02	17.39
23.88	21.13	57.91	20.97	91.85	19.33	125.70	17.30
24.56	21.12	58.59	20.96	92.52	19.29	126.37	17.28
25.24	21.13	59.27	20.96	93.20	19.26	127.05	17.24
25.92	21.12	59.95	20.97	93.88	19.23	127.72	17.22
26.60	21.12	60.63	20.96	94.56	19.22	128.40	17.19
27.28	21.12	61.30	20.96	95.24	19.19	129.07	17.18
27.96	21.11	61.98	20.98	95.91	19.10	129.75	17.15
28.65	21.09	62.66	20.96	96.59	19.03	130.43	17.11
29.33	21.12	63.34	20.97	97.27	18.97	131.10	17.14
30.01	21.11	64.02	20.96	97.95	18.94	131.78	17.10
30.69	21.11	64.70	20.96	98.62	18.92	132.45	17.06
31.37	21.11	65.38	20.94	99.30	18.90	133.13	17.01
32.05	21.09	66.06	20.92	99.98	18.85	133.81	16.96
32.73	21.09	66.74	20.87	100.66	18.79	134.48	16.91
33.41	21.09	67.42	20.85	101.33	18.72	135.16	16.86
34.09	21.09	68.10	20.85	102.01	18.59	135.83	16.86
34.78	21.09	68.78	20.81	102.69	18.54	136.51	16.85

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	16.83	174.28	15.20	211.26	14.04	248.14	12.1
137.86	16.83	174.95	15.17	211.93	14.01	248.81	12.1
138.53	16.82	175.62	15.15	212.60	13.98	249.48	12.1
139.21	16.80	176.30	15.12	213.28	13.94	250.14	12.1
139.88	16.79	176.97	15.09	213.95	13.89	250.81	12.1
140.56	16.75	177.64	15.06	214.62	13.85	251.48	12.1
141.23	16.67	178.32	15.04	215.29	13.82	252.15	12.1
141.91	16.63	178.99	15.03	215.96	13.80	252.82	12.1
142.59	16.59	179.66	15.01	216.63	13.77	253.49	12.1
143.26	16.52	180.34	14.97	217.30	13.74	254.16	12.1
143.94	16.44	181.01	14.97	217.97	13.73	254.83	12.1
144.61	16.40	181.68	14.95	218.65	13.70	255.50	12.1
145.29	16.37	182.36	14.94	219.32	13.69	256.17	12.1
145.96	16.34	183.03	14.93	219.99	13.67	256.84	12.1
146.64	16.33	183.70	14.92	220.66	13.64	257.50	12.1
147.31	16.31	184.38	14.90	221.33	13.57	258.17	12.1
147.99	16.29	185.05	14.87	222.00	13.54	258.84	12.1
148.66	16.26	185.72	14.84	222.67	13.48	259.51	12.1
149.34	16.24	186.39	14.82	223.34	13.43	260.18	12.1
150.01	16.20	187.07	14.80	224.01	13.39	260.85	12.1
150.68	16.18	187.74	14.79	224.68	13.36	261.52	12.1
151.36	16.16	188.41	14.77	225.35	13.34	262.19	12.1
152.03	16.11	189.08	14.72	226.02	13.31	262.86	12.1
152.71	16.09	189.76	14.69	226.70	13.27	263.52	12.1
153.38	16.08	190.43	14.65	227.37	13.22	264.19	12.1
154.06	16.07	191.10	14.64	228.04	13.20	264.86	12.1
154.73	16.04	191.77	14.62	228.71	13.17	265.53	12.1
155.41	16.04	192.45	14.59	229.38	13.11	266.20	12.1
156.08	15.98	193.12	14.58	230.05	13.09	266.87	12.1
156.76	15.94	193.79	14.53	230.72	13.03	267.53	12.1
157.43	15.93	194.46	14.50	231.39	13.02	268.20	12.1
158.10	15.91	195.14	14.50	232.06	12.98	268.87	12.1
158.78	15.91	195.81	14.47	232.73	12.97	269.54	12.1
159.45	15.89	196.48	14.44	233.40	12.95	270.21	11.1
160.13	15.89	197.15	14.41	234.07	12.93	270.88	11.1
160.80	15.85	197.83	14.37	234.74	12.92	271.54	11.1
161.48	15.81	198.50	14.35	235.41	12.88	272.21	11.1
162.15	15.77	199.17	14.33	236.08	12.86	272.88	11.1
162.82	15.72	199.84	14.29	236.75	12.83	273.55	11.1
163.50	15.69	200.51	14.29	237.42	12.82	274.22	11.1
164.17	15.64	201.19	14.26	238.09	12.82	274.88	11.1
164.85	15.61	201.86	14.27	238.76	12.82	275.55	11.1
165.52	15.57	202.53	14.25	239.43	12.80	276.22	11.1
166.19	15.57	203.20	14.25	240.10	12.78	276.89	11.1
166.87	15.56	203.87	14.25	240.77	12.78	277.56	11.1
167.54	15.54	204.55	14.23	241.44	12.75	278.22	11.1
168.22	15.50	205.22	14.22	242.11	12.71	278.89	11.1
168.89	15.46	205.89	14.22	242.78	12.66	279.56	11.1
169.56	15.44	206.56	14.18	243.45	12.65	280.23	11.1
170.24	15.42	207.23	14.17	244.12	12.64	280.90	11.1
170.91	15.38	207.90	14.14	244.79	12.63	281.56	11.1
171.58	15.34	208.58	14.13	245.46	12.62	282.23	11.1
172.26	15.28	209.25	14.09	246.13	12.61	282.90	11.1
172.93	15.25	209.92	14.08	246.80	12.60	283.57	11.1
173.60	15.23	210.59	14.06	247.47	12.56	284.23	11.1
174.28	15.20	211.26	14.04	248.14	12.53	284.90	11.1

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	11.54	322.22	10.78	358.76	10.29	395.19	9.58
286.24	11.52	322.89	10.76	359.43	10.28	395.86	9.58
286.90	11.48	323.55	10.76	360.09	10.27	396.52	9.58
287.57	11.47	324.22	10.74	360.75	10.26	397.18	9.57
288.24	11.46	324.88	10.75	361.42	10.26	397.84	9.57
288.90	11.46	325.55	10.76	362.08	10.26	398.50	9.56
289.57	11.45	326.21	10.75	362.74	10.26	399.16	9.55
290.24	11.44	326.88	10.73	363.40	10.25	399.82	9.53
290.91	11.43	327.54	10.69	364.07	10.25	400.48	9.52
291.57	11.43	328.21	10.69	364.73	10.25	401.14	9.50
292.24	11.42	328.87	10.67	365.39	10.24	401.81	9.49
292.91	11.38	329.54	10.66	366.06	10.22	402.47	9.49
293.57	11.33	330.20	10.64	366.72	10.20	403.13	9.47
294.24	11.32	330.87	10.63	367.38	10.19	403.79	9.47
294.91	11.31	331.53	10.63	368.05	10.17	404.45	9.47
295.57	11.29	332.20	10.60	368.71	10.18	405.11	9.47
296.24	11.28	332.86	10.60	369.37	10.16	405.77	9.45
296.91	11.28	333.53	10.59	370.03	10.15	406.43	9.45
297.58	11.27	334.19	10.58	370.70	10.17	407.09	9.43
298.24	11.25	334.86	10.56	371.36	10.14	407.75	9.43
298.91	11.24	335.52	10.56	372.02	10.11	408.41	9.42
299.58	11.24	336.19	10.55	372.69	10.11	409.08	9.39
300.24	11.22	336.85	10.55	373.35	10.09	409.74	9.40
300.91	11.22	337.51	10.53	374.01	10.08	410.40	9.38
301.58	11.22	338.18	10.55	374.67	10.08	411.06	9.39
302.24	11.18	338.84	10.53	375.34	10.07	411.72	9.37
302.91	11.18	339.51	10.52	376.00	10.02	412.38	9.35
303.57	11.15	340.17	10.52	376.66	9.98	413.04	9.32
304.24	11.15	340.84	10.52	377.32	9.96	413.70	9.30
304.91	11.13	341.50	10.52	377.99	9.95	414.36	9.29
305.57	11.13	342.17	10.50	378.65	9.92	415.02	9.29
306.24	11.10	342.83	10.49	379.31	9.90	415.68	9.29
306.91	11.08	343.49	10.48	379.97	9.88	416.34	9.27
307.57	11.07	344.16	10.47	380.63	9.87	417.00	9.26
308.24	11.03	344.82	10.45	381.30	9.87	417.66	9.25
308.90	11.01	345.49	10.44	381.96	9.84	418.32	9.24
309.57	10.99	346.15	10.44	382.62	9.80	418.98	9.24
310.24	10.99	346.81	10.43	383.28	9.80	419.64	9.25
310.90	10.96	347.48	10.45	383.94	9.79	420.30	9.23
311.57	10.95	348.14	10.43	384.61	9.78	420.96	9.22
312.23	10.92	348.81	10.42	385.27	9.78	421.62	9.19
312.90	10.92	349.47	10.42	385.93	9.79	422.28	9.17
313.57	10.91	350.13	10.40	386.59	9.76	422.94	9.16
314.23	10.89	350.80	10.40	387.25	9.74	423.60	9.12
314.90	10.88	351.46	10.39	387.92	9.72	424.26	9.10
315.56	10.87	352.13	10.37	388.58	9.71	424.92	9.10
316.23	10.86	352.79	10.37	389.24	9.71	425.58	9.09
316.90	10.86	353.45	10.37	389.90	9.71	426.24	9.09
317.56	10.84	354.12	10.35	390.56	9.69	426.90	9.08
318.23	10.84	354.78	10.33	391.22	9.68	427.56	9.07
318.89	10.82	355.44	10.34	391.89	9.67	428.22	9.04
319.56	10.81	356.11	10.33	392.55	9.65	428.88	9.04
320.22	10.81	356.77	10.33	393.21	9.64	429.54	9.03
320.89	10.79	357.44	10.32	393.87	9.61	430.20	9.03
321.55	10.78	358.10	10.30	394.53	9.59	430.86	9.02
322.22	10.78	358.76	10.29	395.19	9.58	431.52	9.02

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	9.03	468.38	8.47	504.48	7.93	540.47	7.
432.83	9.01	469.04	8.45	505.14	7.93	541.13	7.
433.49	9.00	469.70	8.44	505.79	7.91	541.78	7.
434.15	9.00	470.36	8.42	506.45	7.91	542.43	7.
434.81	9.00	471.01	8.40	507.11	7.90	543.09	7.
435.47	9.00	471.67	8.38	507.76	7.90	543.74	7.
436.13	8.97	472.33	8.37	508.42	7.90	544.39	7.
436.79	8.96	472.99	8.38	509.07	7.88	545.05	7.
437.45	8.95	473.64	8.37	509.73	7.89	545.70	7.
438.11	8.94	474.30	8.36	510.38	7.88	546.35	7.
438.77	8.94	474.96	8.35	511.04	7.88	547.01	7.
439.43	8.92	475.61	8.33	511.69	7.87	547.66	7.
440.08	8.93	476.27	8.32	512.35	7.88	548.31	7.
440.74	8.93	476.93	8.33	513.00	7.86	548.96	7.
441.40	8.91	477.58	8.31	513.66	7.84	549.62	7.
442.06	8.92	478.24	8.31	514.31	7.83	550.27	7.
442.72	8.92	478.90	8.29	514.97	7.84	550.92	7.
443.38	8.91	479.55	8.29	515.62	7.83	551.58	7.
444.04	8.90	480.21	8.29	516.27	7.82	552.23	7.
444.70	8.89	480.87	8.28	516.93	7.82	552.88	7.
445.35	8.87	481.52	8.27	517.58	7.82	553.53	7.
446.01	8.87	482.18	8.27	518.24	7.82	554.19	7.
446.67	8.86	482.84	8.25	518.89	7.81	554.84	7.
447.33	8.84	483.49	8.25	519.55	7.80	555.49	7.
447.99	8.83	484.15	8.24	520.20	7.79	556.14	7.
448.65	8.82	484.81	8.24	520.86	7.78	556.80	7.
449.31	8.81	485.46	8.24	521.51	7.76	557.45	7.
449.96	8.77	486.12	8.21	522.17	7.77	558.10	7.
450.62	8.74	486.78	8.22	522.82	7.76	558.75	7.
451.28	8.72	487.43	8.22	523.47	7.74	559.41	7.
451.94	8.70	488.09	8.20	524.13	7.74	560.06	7.
452.60	8.70	488.75	8.19	524.78	7.73	560.71	7.
453.26	8.70	489.40	8.18	525.44	7.71	561.36	7.
453.91	8.69	490.06	8.19	526.09	7.71	562.01	7.
454.57	8.66	490.71	8.19	526.75	7.71	562.67	7.
455.23	8.67	491.37	8.19	527.40	7.69	563.32	7.
455.89	8.65	492.03	8.18	528.05	7.68	563.97	7.
456.55	8.66	492.68	8.17	528.71	7.69	564.62	7.
457.20	8.65	493.34	8.15	529.36	7.69	565.27	7.
457.86	8.63	493.99	8.15	530.02	7.67	565.93	7.
458.52	8.63	494.65	8.15	530.67	7.66	566.58	7.
459.18	8.60	495.31	8.14	531.32	7.65	567.23	7.
459.84	8.57	495.96	8.14	531.98	7.66	567.88	7.
460.49	8.56	496.62	8.12	532.63	7.65	568.53	7.
461.15	8.55	497.27	8.12	533.28	7.65	569.19	7.
461.81	8.55	497.93	8.11	533.94	7.66	569.84	7.
462.47	8.54	498.58	8.09	534.59	7.64	570.49	7.
463.12	8.53	499.24	8.07	535.25	7.64	571.14	7.
463.78	8.52	499.90	8.05	535.90	7.63	571.79	7.
464.44	8.51	500.55	8.04	536.55	7.62	572.44	7.
465.10	8.50	501.21	7.99	537.21	7.61	573.10	7.
465.75	8.51	501.86	7.97	537.86	7.60	573.75	7.
466.41	8.50	502.52	7.96	538.51	7.58	574.40	7.
467.07	8.50	503.17	7.94	539.17	7.58	575.05	7.
467.73	8.48	503.83	7.94	539.82	7.56	575.70	7.
468.38	8.47	504.48	7.93	540.47	7.56	576.35	7.

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	7.09	612.77	6.85	648.43	6.54	683.98	6.28
577.66	7.09	613.42	6.84	649.08	6.53	684.62	6.28
578.31	7.09	614.07	6.85	649.72	6.53	685.27	6.29
578.96	7.09	614.72	6.83	650.37	6.52	685.91	6.27
579.61	7.08	615.37	6.83	651.02	6.52	686.56	6.27
580.26	7.08	616.02	6.81	651.66	6.51	687.20	6.27
580.91	7.07	616.67	6.79	652.31	6.49	687.85	6.28
581.56	7.08	617.32	6.80	652.96	6.48	688.49	6.27
582.21	7.08	617.96	6.80	653.61	6.48	689.14	6.28
582.86	7.08	618.61	6.79	654.25	6.48	689.78	6.28
583.52	7.05	619.26	6.80	654.90	6.49	690.43	6.28
584.17	7.05	619.91	6.78	655.55	6.49	691.07	6.26
584.82	7.06	620.56	6.79	656.19	6.49	691.72	6.24
585.47	7.06	621.21	6.79	656.84	6.48	692.36	6.23
586.12	7.05	621.86	6.78	657.49	6.46	693.01	6.24
586.77	7.05	622.51	6.77	658.13	6.46	693.65	6.23
587.42	7.04	623.16	6.77	658.78	6.45	694.30	6.22
588.07	7.04	623.80	6.76	659.43	6.43	694.94	6.24
588.72	7.02	624.45	6.76	660.07	6.43	695.59	6.23
589.37	7.02	625.10	6.74	660.72	6.44	696.23	6.23
590.02	7.00	625.75	6.75	661.37	6.44	696.87	6.23
590.67	7.00	626.40	6.73	662.01	6.44	697.52	6.22
591.32	7.00	627.05	6.74	662.66	6.43	698.16	6.22
591.97	6.97	627.70	6.72	663.31	6.43	698.81	6.21
592.63	6.98	628.34	6.72	663.95	6.42	699.45	6.20
593.28	6.98	628.99	6.71	664.60	6.42	700.10	6.21
593.93	6.97	629.64	6.70	665.25	6.41	700.74	6.20
594.58	6.98	630.29	6.69	665.89	6.41	701.39	6.19
595.23	6.98	630.94	6.70	666.54	6.42	702.03	6.19
595.88	6.97	631.59	6.68	667.19	6.42	702.67	6.18
596.53	6.98	632.23	6.67	667.83	6.42	703.32	6.18
597.18	6.96	632.88	6.67	668.48	6.40	703.96	6.18
597.83	6.95	633.53	6.68	669.12	6.41	704.61	6.17
598.48	6.95	634.18	6.66	669.77	6.41	705.25	6.16
599.13	6.95	634.83	6.65	670.42	6.41	705.90	6.17
599.78	6.94	635.48	6.64	671.06	6.39	706.54	6.16
600.43	6.93	636.12	6.64	671.71	6.40	707.18	6.14
601.08	6.93	636.77	6.62	672.35	6.40	707.83	6.15
601.73	6.92	637.42	6.63	673.00	6.40	708.47	6.15
602.38	6.91	638.07	6.62	673.65	6.39	709.11	6.13
603.03	6.91	638.71	6.62	674.29	6.39	709.76	6.15
603.68	6.92	639.36	6.63	674.94	6.37	710.40	6.15
604.33	6.91	640.01	6.61	675.58	6.37	711.05	6.14
604.98	6.91	640.66	6.61	676.23	6.35	711.69	6.14
605.63	6.91	641.31	6.61	676.88	6.31	712.33	6.13
606.28	6.90	641.95	6.62	677.52	6.32	712.98	6.13
606.93	6.89	642.60	6.62	678.17	6.31	713.62	6.13
607.58	6.89	643.25	6.60	678.81	6.29	714.26	6.12
608.23	6.88	643.90	6.61	679.46	6.29	714.91	6.12
608.88	6.88	644.54	6.60	680.10	6.29	715.55	6.12
609.52	6.88	645.19	6.59	680.75	6.30	716.20	6.11
610.17	6.88	645.84	6.58	681.39	6.30	716.84	6.11
610.82	6.87	646.49	6.55	682.04	6.30	717.48	6.11
611.47	6.86	647.13	6.55	682.68	6.30	718.13	6.09
612.12	6.85	647.78	6.55	683.33	6.29	718.77	6.08
612.77	6.85	648.43	6.54	683.98	6.28	719.41	6.08



Cruise: 91602  
 Date: 03-03-1991  
 Time: 22:18:07 GMT  
 Lat: 27 00.00 N  
 Lon: 92 45.00 W  
 Stn. 12

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	21.17	68.78	20.91	102.69	19.86
		35.46	21.18	69.46	20.91	103.37	19.86
2.05	21.36	36.14	21.16	70.14	20.91	104.04	19.77
2.73	21.32	36.82	21.17	70.81	20.89	104.72	19.70
3.41	21.33	37.50	21.17	71.49	20.87	105.40	19.61
4.10	21.30	38.18	21.17	72.17	20.86	106.07	19.49
4.78	21.33	38.86	21.14	72.85	20.86	106.75	19.43
5.46	21.28	39.54	21.13	73.53	20.85	107.43	19.37
6.14	21.29	40.22	21.16	74.21	20.86	108.11	19.31
6.83	21.29	40.90	21.16	74.89	20.87	108.78	19.29
7.51	21.29	41.58	21.15	75.57	20.85	109.46	19.23
8.19	21.29	42.26	21.14	76.25	20.86	110.14	19.20
8.87	21.29	42.94	21.14	76.92	20.83	110.81	19.13
9.56	21.29	43.62	21.10	77.60	20.83	111.49	19.08
10.24	21.28	44.31	21.10	78.28	20.83	112.17	19.05
10.92	21.25	44.99	21.08	78.96	20.83	112.84	19.01
11.60	21.26	45.67	21.05	79.64	20.84	113.52	18.96
12.28	21.27	46.35	21.00	80.32	20.85	114.20	18.86
12.97	21.26	47.03	21.05	81.00	20.84	114.87	18.79
13.65	21.26	47.71	21.05	81.67	20.85	115.55	18.71
14.33	21.27	48.39	21.01	82.35	20.85	116.23	18.69
15.01	21.24	49.07	21.04	83.03	20.83	116.90	18.64
15.69	21.24	49.75	21.03	83.71	20.81	117.58	18.63
16.38	21.23	50.43	21.06	84.39	20.81	118.26	18.61
17.06	21.22	51.11	21.04	85.07	20.82	118.93	18.60
17.74	21.25	51.79	21.04	85.74	20.79	119.61	18.60
18.42	21.20	52.47	21.03	86.42	20.76	120.29	18.56
19.10	21.22	53.15	21.03	87.10	20.73	120.96	18.53
19.79	21.20	53.83	21.03	87.78	20.71	121.64	18.52
20.47	21.21	54.51	21.03	88.46	20.65	122.31	18.41
21.15	21.21	55.19	21.02	89.13	20.59	122.99	18.34
21.83	21.21	55.87	21.03	89.81	20.55	123.67	18.30
22.51	21.17	56.55	21.04	90.49	20.50	124.34	18.29
23.19	21.20	57.23	21.02	91.17	20.44	125.02	18.24
23.88	21.19	57.91	21.01	91.85	20.44	125.70	18.19
24.56	21.20	58.59	21.01	92.52	20.39	126.37	18.14
25.24	21.20	59.27	21.03	93.20	20.38	127.05	18.08
25.92	21.17	59.95	21.01	93.88	20.33	127.72	18.00
26.60	21.19	60.63	21.01	94.56	20.25	128.40	17.96
27.28	21.17	61.30	21.02	95.24	20.23	129.07	17.87
27.96	21.20	61.98	21.02	95.91	20.21	129.75	17.79
28.65	21.17	62.66	21.00	96.59	20.19	130.43	17.73
29.33	21.18	63.34	20.99	97.27	20.15	131.10	17.67
30.01	21.18	64.02	21.00	97.95	20.13	131.78	17.63
30.69	21.17	64.70	21.00	98.63	20.11	132.45	17.58
31.37	21.17	65.38	21.01	99.30	20.03	133.13	17.53
32.05	21.18	66.06	21.00	99.98	19.95	133.81	17.49
32.73	21.16	66.74	20.97	100.66	19.89	134.48	17.46
33.41	21.17	67.42	20.93	101.33	19.88	135.16	17.44
34.09	21.18	68.10	20.95	102.01	19.87	135.83	17.37
34.78	21.17	68.78	20.91	102.69	19.86	136.51	17.34

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	17.28	174.28	14.94	211.26	13.59	248.14	12.1
137.86	17.26	174.95	14.93	211.93	13.57	248.81	12.1
138.53	17.20	175.62	14.88	212.60	13.52	249.48	12.1
139.21	17.14	176.30	14.83	213.28	13.49	250.14	12.1
139.88	17.10	176.97	14.82	213.95	13.47	250.81	12.1
140.56	17.06	177.64	14.79	214.62	13.46	251.48	12.1
141.23	17.02	178.32	14.72	215.29	13.45	252.15	12.1
141.91	17.00	178.99	14.69	215.96	13.42	252.82	12.1
142.59	16.95	179.66	14.66	216.63	13.43	253.49	12.1
143.26	16.91	180.34	14.65	217.30	13.43	254.16	12.1
143.94	16.90	181.01	14.65	217.97	13.42	254.83	12.1
144.61	16.83	181.68	14.62	218.65	13.41	255.50	12.1
145.29	16.78	182.36	14.61	219.32	13.41	256.17	12.1
145.96	16.72	183.03	14.59	219.99	13.39	256.84	12.1
146.64	16.68	183.70	14.55	220.66	13.37	257.50	12.1
147.31	16.63	184.38	14.50	221.33	13.36	258.17	12.1
147.99	16.57	185.05	14.46	222.00	13.34	258.84	12.1
148.66	16.53	185.72	14.46	222.67	13.30	259.51	12.1
149.34	16.51	186.39	14.43	223.34	13.28	260.18	12.1
150.01	16.49	187.07	14.41	224.01	13.26	260.85	12.1
150.68	16.46	187.74	14.40	224.68	13.23	261.52	11.9
151.36	16.39	188.41	14.36	225.35	13.23	262.19	11.9
152.03	16.35	189.08	14.32	226.02	13.23	262.86	11.9
152.71	16.30	189.76	14.28	226.70	13.21	263.53	11.9
153.38	16.27	190.43	14.27	227.37	13.19	264.20	11.9
154.06	16.23	191.10	14.25	228.04	13.15	264.86	11.9
154.73	16.20	191.77	14.25	228.71	13.09	265.53	11.9
155.41	16.12	192.44	14.17	229.38	13.06	266.20	11.9
156.08	16.06	193.12	14.17	230.05	13.04	266.87	11.9
156.76	16.01	193.79	14.14	230.72	13.03	267.54	11.9
157.43	15.94	194.46	14.11	231.39	13.02	268.20	11.9
158.10	15.88	195.14	14.11	232.06	12.95	268.87	11.9
158.78	15.86	195.81	14.11	232.73	12.91	269.54	11.9
159.45	15.82	196.48	14.08	233.40	12.87	270.21	11.9
160.13	15.78	197.15	14.08	234.07	12.85	270.88	11.9
160.80	15.74	197.83	14.08	234.74	12.84	271.54	11.9
161.48	15.67	198.50	14.07	235.41	12.82	272.21	11.9
162.15	15.62	199.17	14.07	236.08	12.79	272.88	11.9
162.82	15.55	199.84	14.05	236.75	12.75	273.55	11.9
163.50	15.51	200.51	14.03	237.42	12.73	274.22	11.9
164.17	15.47	201.19	13.95	238.09	12.72	274.88	11.9
164.85	15.42	201.86	13.94	238.76	12.71	275.55	11.9
165.52	15.37	202.53	13.93	239.43	12.69	276.22	11.9
166.19	15.31	203.20	13.91	240.10	12.66	276.89	11.9
166.87	15.30	203.87	13.88	240.77	12.63	277.56	11.9
167.54	15.26	204.55	13.83	241.44	12.59	278.22	11.9
168.22	15.24	205.22	13.79	242.11	12.59	278.89	11.9
168.89	15.23	205.89	13.77	242.78	12.57	279.56	11.9
169.56	15.22	206.56	13.75	243.45	12.52	280.23	11.9
170.24	15.21	207.23	13.74	244.12	12.52	280.90	11.9
170.91	15.18	207.90	13.71	244.79	12.52	281.56	11.9
171.58	15.11	208.58	13.68	245.46	12.53	282.23	11.9
172.26	15.06	209.25	13.66	246.13	12.49	282.90	11.9
172.93	15.00	209.92	13.62	246.80	12.46	283.57	11.9
173.60	14.97	210.59	13.61	247.47	12.43	284.23	11.9
174.28	14.94	211.26	13.59	248.14	12.39	284.90	11.9

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	11.43	322.22	10.86	358.76	10.19	395.19	9.71
286.24	11.42	322.89	10.84	359.43	10.17	395.86	9.70
286.90	11.42	323.55	10.81	360.09	10.15	396.52	9.72
287.57	11.39	324.22	10.84	360.76	10.15	397.18	9.70
288.24	11.41	324.88	10.85	361.42	10.13	397.84	9.69
288.90	11.38	325.55	10.83	362.08	10.10	398.50	9.69
289.57	11.37	326.21	10.81	362.74	10.14	399.16	9.69
290.24	11.34	326.88	10.78	363.40	10.11	399.82	9.67
290.91	11.33	327.54	10.76	364.07	10.10	400.48	9.68
291.57	11.30	328.21	10.74	364.73	10.07	401.14	9.70
292.24	11.28	328.87	10.73	365.39	10.08	401.81	9.69
292.91	11.28	329.54	10.73	366.06	10.06	402.47	9.69
293.57	11.29	330.20	10.72	366.72	10.06	403.13	9.70
294.24	11.27	330.87	10.71	367.38	10.03	403.79	9.65
294.91	11.26	331.53	10.69	368.05	10.04	404.45	9.63
295.57	11.23	332.20	10.68	368.71	10.02	405.11	9.60
296.24	11.23	332.86	10.68	369.37	10.01	405.77	9.61
296.91	11.21	333.53	10.67	370.03	9.98	406.43	9.60
297.58	11.20	334.19	10.67	370.70	9.97	407.09	9.58
298.24	11.18	334.86	10.64	371.36	9.96	407.75	9.57
298.91	11.19	335.52	10.64	372.02	9.94	408.41	9.58
299.58	11.19	336.19	10.61	372.69	9.98	409.08	9.54
300.24	11.15	336.85	10.59	373.35	9.94	409.74	9.52
300.91	11.14	337.51	10.57	374.01	9.94	410.40	9.53
301.58	11.14	338.18	10.55	374.67	9.92	411.06	9.51
302.24	11.14	338.84	10.53	375.34	9.93	411.72	9.49
302.91	11.13	339.51	10.51	376.00	9.92	412.38	9.52
303.57	11.14	340.17	10.53	376.66	9.92	413.04	9.51
304.24	11.12	340.84	10.51	377.32	9.92	413.70	9.49
304.91	11.11	341.50	10.50	377.99	9.90	414.36	9.50
305.57	11.11	342.17	10.48	378.65	9.89	415.02	9.49
306.24	11.12	342.83	10.49	379.31	9.88	415.68	9.44
306.91	11.06	343.49	10.46	379.97	9.84	416.34	9.48
307.57	11.08	344.16	10.44	380.63	9.82	417.00	9.45
308.24	11.06	344.82	10.42	381.30	9.81	417.66	9.46
308.90	11.08	345.49	10.42	381.96	9.81	418.32	9.43
309.57	11.06	346.15	10.40	382.62	9.76	418.98	9.45
310.24	11.02	346.81	10.37	383.28	9.78	419.64	9.45
310.90	11.02	347.48	10.38	383.94	9.77	420.30	9.42
311.57	11.00	348.14	10.39	384.61	9.77	420.96	9.45
312.23	11.01	348.81	10.38	385.27	9.77	421.62	9.40
312.90	10.99	349.47	10.36	385.93	9.77	422.28	9.42
313.57	10.99	350.13	10.37	386.59	9.77	422.94	9.43
314.23	10.98	350.80	10.35	387.25	9.77	423.60	9.42
314.90	10.96	351.46	10.33	387.92	9.80	424.26	9.40
315.56	10.93	352.13	10.35	388.58	9.77	424.92	9.39
316.23	10.91	352.79	10.32	389.24	9.76	425.58	9.36
316.90	10.91	353.45	10.30	389.90	9.75	426.24	9.37
317.56	10.91	354.12	10.30	390.56	9.78	426.90	9.36
318.23	10.91	354.78	10.28	391.22	9.77	427.56	9.35
318.89	10.90	355.44	10.23	391.89	9.75	428.22	9.35
319.56	10.84	356.11	10.24	392.55	9.73	428.88	9.34
320.22	10.86	356.77	10.21	393.21	9.74	429.54	9.34
320.89	10.86	357.44	10.19	393.87	9.73	430.20	9.30
321.55	10.87	358.10	10.19	394.53	9.72	430.86	9.30
322.22	10.86	358.76	10.19	395.19	9.71	431.52	9.28

## MK9 Post Trace Analysis Application

C:\XBTDATA\T-5#3.SIP

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	9.29	468.38	8.73	504.48	8.32	540.47	7
432.83	9.26	469.04	8.73	505.14	8.34	541.13	7
433.49	9.24	469.70	8.71	505.79	8.30	541.78	7
434.15	9.26	470.36	8.72	506.45	8.28	542.43	7
434.81	9.26	471.01	8.71	507.11	8.29	543.09	7
435.47	9.23	471.67	8.70	507.76	8.24	543.74	7
436.13	9.23	472.33	8.69	508.42	8.26	544.39	7
436.79	9.25	472.99	8.68	509.07	8.22	545.05	7
437.45	9.24	473.64	8.69	509.73	8.25	545.70	7
438.11	9.24	474.30	8.68	510.38	8.25	546.35	7
438.77	9.26	474.96	8.64	511.04	8.22	547.01	7
439.43	9.23	475.61	8.63	511.69	8.22	547.66	7
440.08	9.21	476.27	8.65	512.35	8.20	548.31	7
440.74	9.20	476.93	8.62	513.00	8.19	548.96	7
441.40	9.22	477.58	8.58	513.66	8.17	549.62	7
442.06	9.19	478.24	8.58	514.31	8.18	550.27	7
442.72	9.17	478.90	8.60	514.97	8.16	550.92	7
443.38	9.15	479.55	8.58	515.62	8.14	551.58	7
444.04	9.15	480.21	8.60	516.27	8.16	552.23	7
444.70	9.12	480.87	8.59	516.93	8.13	552.88	7
445.35	9.14	481.52	8.59	517.58	8.13	553.53	7
446.01	9.10	482.18	8.59	518.24	8.14	554.19	7
446.67	9.08	482.84	8.59	518.89	8.12	554.84	7
447.33	9.09	483.49	8.59	519.55	8.07	555.49	7
447.99	9.08	484.15	8.55	520.20	8.11	556.14	7
448.65	9.05	484.81	8.55	520.86	8.09	556.80	7
449.31	9.06	485.46	8.53	521.51	8.09	557.45	7
449.96	9.07	486.12	8.53	522.17	8.05	558.10	7
450.62	9.04	486.78	8.49	522.82	8.03	558.75	7
451.28	9.02	487.43	8.49	523.47	8.01	559.41	7
451.94	9.03	488.09	8.52	524.13	8.02	560.06	7
452.60	8.98	488.75	8.48	524.78	8.00	560.71	7
453.26	8.99	489.40	8.49	525.44	7.99	561.36	7
453.91	8.96	490.06	8.46	526.09	7.99	562.01	7
454.57	8.93	490.71	8.46	526.75	7.99	562.67	7
455.23	8.92	491.37	8.43	527.40	7.98	563.32	7
455.89	8.90	492.03	8.46	528.05	7.99	563.97	7
456.55	8.91	492.68	8.41	528.71	7.96	564.62	7
457.20	8.87	493.34	8.42	529.36	7.96	565.27	7
457.86	8.88	493.99	8.40	530.02	7.98	565.93	7
458.52	8.87	494.65	8.41	530.67	7.94	566.58	7
459.18	8.89	495.31	8.41	531.32	7.92	567.23	7
459.84	8.86	495.96	8.39	531.98	7.89	567.88	7
460.49	8.87	496.62	8.39	532.63	7.89	568.53	7
461.15	8.85	497.27	8.39	533.28	7.88	569.19	7
461.81	8.87	497.93	8.39	533.94	7.86	569.84	7
462.47	8.86	498.58	8.38	534.59	7.87	570.49	7
463.12	8.86	499.24	8.37	535.25	7.84	571.14	7
463.78	8.85	499.90	8.35	535.90	7.85	571.79	7
464.44	8.82	500.55	8.35	536.55	7.84	572.44	7
465.10	8.79	501.21	8.36	537.21	7.79	573.10	7
465.75	8.80	501.86	8.32	537.86	7.81	573.75	7
466.41	8.77	502.52	8.32	538.51	7.82	574.40	7
467.07	8.76	503.17	8.33	539.17	7.80	575.05	7
467.73	8.74	503.83	8.35	539.82	7.82	575.70	7
468.38	8.73	504.48	8.32	540.47	7.80	576.35	7

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	7.45	612.77	7.15	648.43	6.85	683.98	6.46
577.66	7.44	613.42	7.15	649.08	6.83	684.62	6.45
578.31	7.43	614.07	7.18	649.72	6.82	685.27	6.45
578.96	7.42	614.72	7.16	650.37	6.81	685.91	6.44
579.61	7.44	615.37	7.17	651.02	6.83	686.56	6.44
580.26	7.43	616.02	7.16	651.66	6.82	687.20	6.40
580.91	7.42	616.67	7.14	652.31	6.79	687.85	6.42
581.56	7.42	617.32	7.14	652.96	6.80	688.49	6.42
582.21	7.40	617.96	7.15	653.61	6.82	689.14	6.42
582.86	7.41	618.61	7.15	654.25	6.80	689.78	6.40
583.52	7.41	619.26	7.16	654.90	6.76	690.43	6.42
584.17	7.38	619.91	7.17	655.55	6.75	691.07	6.42
584.82	7.35	620.56	7.15	656.19	6.76	691.72	6.41
585.47	7.37	621.21	7.11	656.84	6.75	692.36	6.41
586.12	7.38	621.86	7.11	657.49	6.75	693.01	6.39
586.77	7.35	622.51	7.09	658.13	6.76	693.65	6.40
587.42	7.33	623.16	7.12	658.78	6.74	694.30	6.39
588.07	7.36	623.80	7.12	659.43	6.71	694.94	6.42
588.72	7.34	624.45	7.11	660.07	6.71	695.59	6.39
589.37	7.36	625.10	7.12	660.72	6.74	696.23	6.38
590.02	7.35	625.75	7.10	661.37	6.72	696.87	6.38
590.67	7.34	626.40	7.10	662.01	6.71	697.52	6.38
591.32	7.33	627.05	7.08	662.66	6.70	698.16	6.36
591.97	7.34	627.70	7.13	663.31	6.71	698.81	6.35
592.63	7.35	628.34	7.07	663.95	6.72	699.45	6.33
593.28	7.32	628.99	7.05	664.60	6.72	700.10	6.34
593.93	7.32	629.64	7.05	665.25	6.69	700.74	6.33
594.58	7.32	630.29	7.04	665.89	6.66	701.39	6.33
595.23	7.34	630.94	7.03	666.54	6.67	702.03	6.32
595.88	7.32	631.59	7.03	667.19	6.65	702.67	6.33
596.53	7.28	632.23	7.04	667.83	6.60	703.32	6.33
597.18	7.28	632.88	7.00	668.48	6.63	703.96	6.31
597.83	7.29	633.53	7.00	669.12	6.63	704.61	6.30
598.48	7.24	634.18	6.99	669.77	6.61	705.25	6.30
599.13	7.23	634.83	6.99	670.42	6.62	705.90	6.29
599.78	7.19	635.48	6.99	671.06	6.61	706.54	6.29
600.43	7.19	636.12	7.00	671.71	6.60	707.18	6.28
601.08	7.17	636.77	6.98	672.35	6.58	707.83	6.29
601.73	7.18	637.42	6.95	673.00	6.62	708.47	6.29
602.38	7.14	638.07	6.95	673.65	6.59	709.11	6.30
603.03	7.16	638.71	6.96	674.29	6.57	709.76	6.28
603.68	7.16	639.36	6.94	674.94	6.59	710.40	6.27
604.33	7.15	640.01	6.94	675.58	6.57	711.05	6.26
604.98	7.15	640.66	6.92	676.23	6.56	711.69	6.24
605.63	7.14	641.31	6.92	676.88	6.56	712.33	6.23
606.28	7.14	641.95	6.91	677.52	6.56	712.98	6.24
606.93	7.14	642.60	6.91	678.17	6.53	713.62	6.22
607.58	7.16	643.25	6.89	678.81	6.54	714.26	6.21
608.23	7.16	643.90	6.89	679.46	6.52	714.91	6.21
608.88	7.13	644.54	6.88	680.10	6.50	715.55	6.22
609.52	7.14	645.19	6.87	680.75	6.50	716.20	6.22
610.17	7.16	645.84	6.83	681.39	6.50	716.84	6.23
610.82	7.15	646.49	6.85	682.04	6.48	717.48	6.21
611.47	7.15	647.13	6.86	682.68	6.46	718.13	6.20
612.12	7.14	647.78	6.86	683.33	6.48	718.77	6.21
612.77	7.15	648.43	6.85	683.98	6.46	719.41	6.24

Cruise: 91G02  
 Date: 03-04-1991  
 Time: 02:13:35 GMT  
 Lat: 26 40.00 N  
 Lon: 92 45.00 W  
 Stn. 13

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
0.68	21.47	34.78	21.34	68.78	21.07	102.69	20.90
1.37	21.41	35.46	21.34	69.46	21.06	103.37	20.89
2.05	21.43	36.14	21.34	70.14	21.07	104.04	20.84
2.73	21.44	36.82	21.34	70.81	21.06	104.72	20.83
3.41	21.48	37.50	21.32	71.49	21.06	105.40	20.79
4.10	21.50	38.18	21.32	72.17	21.08	106.07	20.78
4.78	21.51	38.86	21.32	72.85	21.05	106.75	20.76
5.46	21.47	39.54	21.31	73.53	21.06	107.43	20.75
6.14	21.45	40.22	21.32	74.21	21.03	108.11	20.73
6.83	21.47	40.90	21.29	74.89	21.03	108.78	20.73
7.51	21.43	41.58	21.25	75.57	21.01	109.46	20.71
8.19	21.43	42.26	21.24	76.25	21.02	110.14	20.71
8.87	21.43	42.94	21.23	76.92	21.00	110.81	20.72
9.56	21.43	43.62	21.22	77.60	21.00	111.49	20.69
10.24	21.41	44.31	21.21	78.28	21.01	112.17	20.63
10.92	21.41	44.99	21.20	78.96	21.01	112.84	20.56
11.60	21.41	45.67	21.21	79.64	21.00	113.52	20.49
12.28	21.41	46.35	21.19	80.32	21.00	114.20	20.38
12.97	21.41	47.03	21.18	81.00	20.98	114.87	20.28
13.65	21.41	47.71	21.17	81.67	21.01	115.55	20.17
14.33	21.38	48.39	21.16	82.35	20.99	116.23	20.08
15.01	21.38	49.07	21.14	83.03	21.01	116.90	19.93
15.69	21.38	49.75	21.17	83.71	21.01	117.58	19.81
16.38	21.36	50.43	21.14	84.39	21.00	118.26	19.67
17.06	21.38	51.11	21.14	85.07	21.00	118.93	19.54
17.74	21.38	51.79	21.14	85.74	21.00	119.61	19.47
18.42	21.38	52.47	21.13	86.42	21.00	120.29	19.41
19.10	21.37	53.15	21.12	87.10	20.99	120.96	19.32
19.79	21.37	53.83	21.12	87.78	20.98	121.64	19.25
20.47	21.36	54.51	21.14	88.46	20.98	122.31	19.14
21.15	21.37	55.19	21.11	89.13	20.96	122.99	19.05
21.83	21.35	55.87	21.12	89.81	20.95	123.67	19.00
22.51	21.36	56.55	21.10	90.49	20.94	124.34	18.97
23.19	21.35	57.23	21.11	91.17	20.96	125.02	18.94
23.88	21.36	57.91	21.11	91.85	20.95	125.70	18.94
24.56	21.35	58.59	21.10	92.52	20.94	126.37	18.90
25.24	21.37	59.27	21.09	93.20	20.95	127.05	18.88
25.92	21.36	59.95	21.10	93.88	20.95	127.72	18.82
26.60	21.34	60.63	21.10	94.56	20.94	128.40	18.79
27.28	21.36	61.30	21.09	95.24	20.95	129.07	18.76
27.96	21.35	61.98	21.10	95.91	20.94	129.75	18.70
28.65	21.35	62.66	21.10	96.59	20.90	130.43	18.63
29.33	21.32	63.34	21.09	97.27	20.92	131.10	18.58
30.01	21.35	64.02	21.10	97.95	20.94	131.78	18.53
30.69	21.35	64.70	21.09	98.62	20.94	132.45	18.46
31.37	21.34	65.38	21.11	99.30	20.94	133.13	18.40
32.05	21.34	66.06	21.08	99.98	20.94	133.81	18.37
32.73	21.34	66.74	21.09	100.66	20.92	134.48	18.33
33.41	21.34	67.42	21.07	101.33	20.92	135.16	18.32
34.09	21.34	68.10	21.07	102.01	20.89	135.83	18.30
34.78	21.34	68.78	21.07	102.69	20.90	136.51	18.29

## MK9 Post Trace Analysis Application

C:\XBTDATA\T-5#4.SIP

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	18.28	174.28	16.48	211.26	15.13	248.14	13.0
137.86	18.26	174.95	16.47	211.93	15.09	248.81	13.0
138.53	18.25	175.62	16.40	212.60	15.01	249.48	13.0
139.21	18.21	176.30	16.35	213.28	14.92	250.14	13.0
139.88	18.17	176.97	16.28	213.95	14.84	250.81	13.0
140.56	18.15	177.64	16.25	214.62	14.82	251.48	13.0
141.23	18.14	178.32	16.23	215.29	14.79	252.15	13.0
141.91	18.11	178.99	16.20	215.96	14.76	252.82	13.0
142.59	18.07	179.66	16.19	216.63	14.74	253.49	13.0
143.26	18.04	180.34	16.18	217.30	14.70	254.16	13.0
143.94	18.02	181.01	16.18	217.97	14.68	254.83	13.0
144.61	18.00	181.68	16.15	218.65	14.62	255.50	13.0
145.29	17.99	182.36	16.13	219.32	14.60	256.17	13.0
145.96	17.98	183.03	16.11	219.99	14.58	256.84	13.0
146.64	17.94	183.70	16.11	220.66	14.56	257.50	13.0
147.31	17.88	184.38	16.09	221.33	14.57	258.17	13.0
147.99	17.86	185.05	16.06	222.00	14.52	258.84	13.0
148.66	17.85	185.72	16.01	222.67	14.48	259.51	13.0
149.34	17.82	186.39	15.96	223.34	14.46	260.18	13.0
150.01	17.79	187.07	15.90	224.01	14.45	260.85	13.0
150.68	17.78	187.74	15.88	224.68	14.44	261.52	13.0
151.36	17.77	188.41	15.87	225.35	14.43	262.19	13.0
152.03	17.74	189.08	15.83	226.02	14.40	262.86	13.0
152.71	17.70	189.76	15.82	226.70	14.37	263.52	13.0
153.38	17.66	190.43	15.80	227.37	14.35	264.19	13.0
154.06	17.60	191.10	15.79	228.04	14.32	264.86	13.0
154.73	17.56	191.77	15.77	228.71	14.27	265.53	13.0
155.41	17.52	192.45	15.73	229.38	14.22	266.20	13.0
156.08	17.51	193.12	15.72	230.05	14.23	266.87	13.0
156.76	17.51	193.79	15.68	230.72	14.21	267.53	13.0
157.43	17.48	194.46	15.65	231.39	14.19	268.20	13.0
158.10	17.48	195.14	15.61	232.06	14.18	268.87	13.0
158.78	17.41	195.81	15.59	232.73	14.16	269.54	13.0
159.45	17.40	196.48	15.58	233.40	14.09	270.21	13.0
160.13	17.38	197.15	15.54	234.07	14.07	270.88	13.0
160.80	17.35	197.83	15.51	234.74	14.02	271.54	12.0
161.48	17.32	198.50	15.47	235.41	14.01	272.21	12.0
162.15	17.27	199.17	15.45	236.08	14.00	272.88	12.0
162.82	17.23	199.84	15.42	236.75	13.95	273.55	12.0
163.50	17.17	200.51	15.38	237.42	13.92	274.22	12.0
164.17	17.12	201.19	15.36	238.09	13.87	274.88	12.0
164.85	17.06	201.86	15.32	238.76	13.89	275.55	12.0
165.52	17.02	202.53	15.29	239.43	13.87	276.22	12.0
166.19	16.96	203.20	15.27	240.10	13.86	276.89	12.0
166.87	16.94	203.87	15.25	240.77	13.85	277.56	12.0
167.54	16.90	204.55	15.22	241.44	13.84	278.22	12.0
168.22	16.88	205.22	15.23	242.11	13.83	278.89	12.0
168.89	16.84	205.89	15.18	242.78	13.82	279.56	12.0
169.56	16.81	206.56	15.17	243.45	13.78	280.23	12.0
170.24	16.77	207.23	15.17	244.12	13.75	280.90	12.0
170.91	16.72	207.90	15.17	244.79	13.70	281.56	12.0
171.58	16.68	208.58	15.17	245.46	13.65	282.23	12.0
172.26	16.64	209.25	15.14	246.13	13.61	282.90	12.0
172.93	16.59	209.92	15.15	246.80	13.59	283.57	12.0
173.60	16.56	210.59	15.16	247.47	13.57	284.23	12.0
174.28	16.48	211.26	15.13	248.14	13.54	284.90	12.0

## MK9 Post Trace Analysis Application

C:\XBTDATA\T-5#4.SIF

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	12.68	322.22	11.78	358.76	10.84	395.19	10.29
286.24	12.65	322.89	11.80	359.43	10.83	395.86	10.29
286.90	12.63	323.55	11.76	360.09	10.82	396.52	10.30
287.57	12.60	324.22	11.76	360.75	10.81	397.18	10.29
288.24	12.61	324.88	11.75	361.42	10.80	397.84	10.26
288.90	12.60	325.55	11.75	362.08	10.81	398.50	10.23
289.57	12.59	326.21	11.72	362.74	10.79	399.16	10.23
290.24	12.56	326.88	11.69	363.40	10.78	399.82	10.20
290.91	12.56	327.54	11.63	364.07	10.75	400.48	10.17
291.57	12.52	328.21	11.60	364.73	10.76	401.14	10.16
292.24	12.48	328.87	11.58	365.39	10.72	401.81	10.16
292.91	12.47	329.54	11.53	366.06	10.71	402.47	10.11
293.57	12.46	330.20	11.53	366.72	10.70	403.13	10.05
294.24	12.45	330.87	11.52	367.38	10.68	403.79	10.06
294.91	12.39	331.53	11.52	368.05	10.68	404.45	10.05
295.57	12.42	332.20	11.50	368.71	10.67	405.11	10.01
296.24	12.41	332.86	11.48	369.37	10.66	405.77	9.97
296.91	12.41	333.53	11.48	370.03	10.68	406.43	9.93
297.58	12.40	334.19	11.47	370.70	10.68	407.09	9.91
298.24	12.39	334.86	11.48	371.36	10.68	407.75	9.89
298.91	12.37	335.52	11.46	372.02	10.66	408.41	9.90
299.58	12.36	336.19	11.41	372.69	10.68	409.08	9.90
300.24	12.34	336.85	11.38	373.35	10.69	409.74	9.90
300.91	12.31	337.51	11.38	374.01	10.68	410.40	9.90
301.58	12.32	338.18	11.36	374.67	10.66	411.06	9.89
302.24	12.27	338.84	11.32	375.34	10.61	411.72	9.86
302.91	12.25	339.51	11.31	376.00	10.63	412.38	9.83
303.57	12.22	340.17	11.30	376.66	10.64	413.04	9.84
304.24	12.22	340.84	11.31	377.32	10.63	413.70	9.83
304.91	12.20	341.50	11.30	377.99	10.61	414.36	9.84
305.57	12.17	342.17	11.29	378.65	10.61	415.02	9.80
306.24	12.15	342.83	11.25	379.31	10.59	415.68	9.80
306.91	12.15	343.49	11.30	379.97	10.57	416.34	9.77
307.57	12.12	344.16	11.27	380.63	10.56	417.00	9.77
308.24	12.11	344.82	11.27	381.30	10.55	417.66	9.75
308.90	12.08	345.49	11.22	381.96	10.54	418.32	9.73
309.57	12.08	346.15	11.20	382.62	10.52	418.98	9.71
310.24	12.05	346.81	11.18	383.28	10.53	419.64	9.70
310.90	12.03	347.48	11.17	383.94	10.49	420.30	9.70
311.57	12.02	348.14	11.15	384.61	10.50	420.96	9.69
312.23	12.01	348.81	11.11	385.27	10.47	421.62	9.69
312.90	12.00	349.47	11.09	385.93	10.48	422.28	9.67
313.57	12.00	350.13	11.07	386.59	10.47	422.94	9.69
314.23	11.97	350.80	11.06	387.25	10.46	423.60	9.65
314.90	11.96	351.46	11.03	387.92	10.42	424.26	9.65
315.56	11.96	352.13	11.01	388.58	10.40	424.92	9.62
316.23	11.93	352.79	11.02	389.24	10.40	425.58	9.62
316.90	11.90	353.45	10.99	389.90	10.39	426.24	9.62
317.56	11.86	354.12	10.97	390.56	10.39	426.90	9.61
318.23	11.87	354.78	10.98	391.22	10.37	427.56	9.61
318.89	11.81	355.44	10.95	391.89	10.36	428.22	9.60
319.56	11.83	356.11	10.96	392.55	10.32	428.88	9.59
320.22	11.83	356.77	10.94	393.21	10.31	429.54	9.60
320.89	11.81	357.44	10.92	393.87	10.30	430.20	9.57
321.55	11.78	358.10	10.88	394.53	10.30	430.86	9.56
322.22	11.78	358.76	10.84	395.19	10.29	431.52	9.49



MK9 Post Trace Analysis Application

C:\XBTDATA\T-5#4.SIF

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	9.49	468.38	9.08	504.48	8.73	540.47	8.23
432.83	9.48	469.04	9.08	505.14	8.70	541.13	8.23
433.49	9.46	469.70	9.08	505.79	8.70	541.78	8.23
434.15	9.46	470.36	9.08	506.45	8.67	542.43	8.21
434.81	9.44	471.01	9.06	507.11	8.68	543.09	8.22
435.47	9.44	471.67	9.05	507.76	8.67	543.74	8.21
436.13	9.43	472.33	9.06	508.42	8.67	544.39	8.21
436.79	9.42	472.99	9.04	509.07	8.67	545.05	8.21
437.45	9.39	473.64	9.02	509.73	8.67	545.70	8.19
438.11	9.43	474.30	9.01	510.38	8.68	546.35	8.17
438.77	9.40	474.96	9.02	511.04	8.67	547.01	8.16
439.43	9.39	475.61	9.00	511.69	8.65	547.66	8.16
440.08	9.37	476.27	8.99	512.35	8.65	548.31	8.17
440.74	9.38	476.93	8.99	513.00	8.66	548.96	8.15
441.40	9.37	477.58	9.00	513.66	8.65	549.62	8.13
442.06	9.36	478.24	9.00	514.31	8.64	550.27	8.14
442.72	9.36	478.90	9.01	514.97	8.63	550.92	8.10
443.38	9.36	479.55	9.00	515.62	8.63	551.58	8.14
444.04	9.34	480.21	8.99	516.27	8.60	552.23	8.12
444.70	9.34	480.87	8.96	516.93	8.59	552.88	8.10
445.35	9.35	481.52	8.98	517.58	8.59	553.53	8.12
446.01	9.34	482.18	8.98	518.24	8.58	554.19	8.09
446.67	9.37	482.84	8.97	518.89	8.57	554.84	8.07
447.33	9.34	483.49	8.96	519.55	8.59	555.49	8.05
447.99	9.33	484.15	8.97	520.20	8.56	556.14	8.07
448.65	9.28	484.81	8.96	520.86	8.55	556.80	8.06
449.31	9.31	485.46	8.96	521.51	8.53	557.45	8.07
449.96	9.30	486.12	8.95	522.17	8.54	558.10	8.08
450.62	9.31	486.78	8.94	522.82	8.54	558.75	8.04
451.28	9.31	487.43	8.92	523.47	8.53	559.41	8.03
451.94	9.29	488.09	8.92	524.13	8.54	560.06	8.01
452.60	9.29	488.75	8.90	524.78	8.52	560.71	8.01
453.26	9.25	489.40	8.87	525.44	8.52	561.36	8.01
453.91	9.27	490.06	8.89	526.09	8.51	562.01	7.98
454.57	9.27	490.71	8.88	526.75	8.51	562.67	7.99
455.23	9.27	491.37	8.87	527.40	8.50	563.32	7.98
455.89	9.26	492.03	8.84	528.05	8.49	563.97	7.97
456.55	9.24	492.68	8.85	528.71	8.49	564.62	7.95
457.20	9.25	493.34	8.85	529.36	8.47	565.27	7.97
457.86	9.20	493.99	8.84	530.02	8.45	565.93	7.96
458.52	9.22	494.65	8.83	530.67	8.47	566.58	7.97
459.18	9.19	495.31	8.82	531.32	8.46	567.23	7.97
459.84	9.21	495.96	8.83	531.98	8.46	567.88	7.96
460.49	9.21	496.62	8.83	532.63	8.44	568.53	7.92
461.15	9.20	497.27	8.80	533.28	8.42	569.19	7.93
461.81	9.19	497.93	8.79	533.94	8.39	569.84	7.93
462.47	9.17	498.58	8.80	534.59	8.38	570.49	7.93
463.12	9.19	499.24	8.79	535.25	8.36	571.14	7.93
463.78	9.16	499.90	8.78	535.90	8.34	571.79	7.90
464.44	9.12	500.55	8.78	536.55	8.32	572.44	7.88
465.10	9.11	501.21	8.75	537.21	8.29	573.10	7.88
465.75	9.08	501.86	8.74	537.86	8.27	573.75	7.90
466.41	9.09	502.52	8.73	538.51	8.23	574.40	7.89
467.07	9.05	503.17	8.71	539.17	8.24	575.05	7.90
467.73	9.07	503.83	8.71	539.82	8.26	575.70	7.88
468.38	9.08	504.48	8.73	540.47	8.23	576.35	7.86

## MK9 Post Trace Analysis Application

C:\XBTDATA\T-5#4.SIF

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	7.87	612.77	7.44	648.43	7.03	683.98	6.65
577.66	7.87	613.42	7.41	649.08	7.01	684.62	6.64
578.31	7.88	614.07	7.38	649.72	6.99	685.27	6.64
578.96	7.84	614.72	7.35	650.37	6.97	685.91	6.63
579.61	7.85	615.37	7.35	651.02	6.98	686.56	6.64
580.26	7.84	616.02	7.32	651.66	6.97	687.20	6.63
580.91	7.82	616.67	7.31	652.31	6.96	687.85	6.62
581.56	7.82	617.32	7.30	652.96	6.94	688.49	6.62
582.21	7.79	617.96	7.28	653.61	6.96	689.14	6.63
582.86	7.80	618.61	7.29	654.25	6.93	689.78	6.61
583.52	7.80	619.26	7.28	654.90	6.93	690.43	6.61
584.17	7.79	619.91	7.28	655.55	6.92	691.07	6.61
584.82	7.78	620.56	7.27	656.19	6.93	691.72	6.60
585.47	7.79	621.21	7.28	656.84	6.89	692.36	6.60
586.12	7.74	621.86	7.23	657.49	6.93	693.01	6.58
586.77	7.73	622.51	7.23	658.13	6.92	693.65	6.59
587.42	7.69	623.16	7.22	658.78	6.91	694.30	6.58
588.07	7.71	623.80	7.23	659.43	6.89	694.94	6.55
588.72	7.71	624.45	7.21	660.07	6.92	695.59	6.55
589.37	7.72	625.10	7.22	660.72	6.90	696.23	6.55
590.02	7.71	625.75	7.23	661.37	6.90	696.87	6.55
590.67	7.71	626.40	7.21	662.01	6.90	697.52	6.55
591.32	7.71	627.05	7.21	662.66	6.89	698.16	6.54
591.97	7.71	627.70	7.18	663.31	6.86	698.81	6.53
592.63	7.71	628.34	7.20	663.95	6.86	699.45	6.53
593.28	7.71	628.99	7.21	664.60	6.85	700.10	6.52
593.93	7.70	629.64	7.22	665.25	6.84	700.74	6.52
594.58	7.68	630.29	7.20	665.89	6.82	701.39	6.50
595.23	7.67	630.94	7.19	666.54	6.80	702.03	6.51
595.88	7.65	631.59	7.18	667.19	6.79	702.67	6.51
596.53	7.66	632.23	7.18	667.83	6.77	703.32	6.50
597.18	7.66	632.88	7.17	668.48	6.77	703.96	6.52
597.83	7.64	633.53	7.16	669.12	6.78	704.61	6.49
598.48	7.64	634.18	7.16	669.77	6.79	705.25	6.50
599.13	7.62	634.83	7.15	670.42	6.76	705.90	6.49
599.78	7.60	635.48	7.15	671.06	6.78	706.54	6.48
600.43	7.61	636.12	7.14	671.71	6.77	707.18	6.48
601.08	7.58	636.77	7.16	672.35	6.78	707.83	6.46
601.73	7.58	637.42	7.14	673.00	6.76	708.47	6.49
602.38	7.58	638.07	7.13	673.65	6.76	709.11	6.46
603.03	7.59	638.71	7.12	674.29	6.76	709.76	6.46
603.68	7.56	639.36	7.12	674.94	6.75	710.40	6.45
604.33	7.55	640.01	7.10	675.58	6.74	711.05	6.47
604.98	7.52	640.66	7.10	676.23	6.70	711.69	6.46
605.63	7.52	641.31	7.10	676.88	6.69	712.33	6.45
606.28	7.51	641.95	7.09	677.52	6.71	712.98	6.45
606.93	7.49	642.60	7.09	678.17	6.71	713.62	6.44
607.58	7.50	643.25	7.07	678.81	6.70	714.26	6.44
608.23	7.49	643.90	7.07	679.46	6.72	714.91	6.42
608.88	7.49	644.54	7.05	680.10	6.69	715.55	6.42
609.52	7.48	645.19	7.05	680.75	6.70	716.20	6.38
610.17	7.47	645.84	7.04	681.39	6.66	716.84	6.38
610.82	7.45	646.49	7.04	682.04	6.67	717.48	6.40
611.47	7.47	647.13	7.04	682.68	6.66	718.13	6.38
612.12	7.46	647.78	7.01	683.33	6.66	718.77	6.37
612.77	7.44	648.43	7.03	683.98	6.65	719.41	6.34

Cruise: 91602  
 Date: 03-04-1991  
 Time: 04:22:58 GMT  
 Lat: 26 20.00 N  
 Lon: 92 45.00 W  
 Stn. 14

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	23.53	68.78	23.51	102.69	21.25
		35.46	23.54	69.46	23.52	103.37	21.35
2.05	23.50	36.14	23.54	70.14	23.51	104.04	21.40
2.73	23.53	36.82	23.52	70.81	23.50	104.72	21.41
3.41	23.61	37.50	23.53	71.49	23.50	105.40	21.41
4.10	23.62	38.18	23.51	72.17	23.50	106.07	21.39
4.78	23.65	38.86	23.53	72.85	23.51	106.75	21.40
5.46	23.63	39.54	23.49	73.53	23.51	107.43	21.44
6.14	23.65	40.22	23.53	74.21	23.52	108.11	21.52
6.83	23.63	40.90	23.52	74.89	23.50	108.78	21.56
7.51	23.63	41.58	23.50	75.57	23.51	109.46	21.58
8.19	23.62	42.26	23.52	76.25	23.51	110.14	21.56
8.87	23.64	42.94	23.53	76.92	23.49	110.81	21.54
9.56	23.63	43.62	23.51	77.60	23.51	111.49	21.51
10.24	23.61	44.31	23.53	78.28	23.51	112.17	21.45
10.92	23.60	44.99	23.53	78.96	23.51	112.84	21.33
11.60	23.59	45.67	23.50	79.64	23.51	113.52	21.27
12.28	23.60	46.35	23.52	80.32	23.50	114.20	21.17
12.97	23.59	47.03	23.53	81.00	23.51	114.87	21.11
13.65	23.55	47.71	23.52	81.67	23.51	115.55	21.08
14.33	23.59	48.39	23.54	82.35	23.50	116.23	21.04
15.01	23.58	49.07	23.51	83.03	23.50	116.90	21.01
15.69	23.55	49.75	23.52	83.71	23.50	117.58	20.96
16.38	23.56	50.43	23.50	84.39	23.49	118.26	20.92
17.06	23.58	51.11	23.52	85.07	23.49	118.93	20.87
17.74	23.58	51.79	23.52	85.74	23.48	119.61	20.85
18.42	23.56	52.47	23.49	86.42	23.49	120.29	20.82
19.10	23.55	53.15	23.48	87.10	23.48	120.96	20.76
19.79	23.56	53.83	23.50	87.78	23.48	121.64	20.70
20.47	23.56	54.51	23.53	88.46	23.48	122.31	20.61
21.15	23.53	55.19	23.51	89.13	23.48	122.99	20.55
21.83	23.55	55.87	23.52	89.81	23.48	123.67	20.46
22.51	23.55	56.55	23.52	90.49	23.46	124.34	20.39
23.19	23.55	57.23	23.54	91.17	23.41	125.02	20.35
23.88	23.53	57.91	23.52	91.85	23.40	125.70	20.28
24.56	23.55	58.59	23.52	92.52	23.35	126.37	20.22
25.24	23.53	59.27	23.52	93.20	23.24	127.05	20.17
25.92	23.52	59.95	23.53	93.88	22.86	127.72	20.14
26.60	23.53	60.63	23.51	94.56	22.58	128.40	20.06
27.28	23.52	61.30	23.52	95.24	22.38	129.07	20.03
27.96	23.52	61.98	23.51	95.91	22.02	129.75	20.03
28.65	23.52	62.66	23.50	96.59	21.73	130.43	20.02
29.33	23.53	63.34	23.49	97.27	21.55	131.10	20.01
30.01	23.53	64.02	23.51	97.95	21.45	131.78	19.91
30.69	23.51	64.70	23.51	98.62	21.31	132.45	19.85
31.37	23.53	65.38	23.51	99.30	21.23	133.13	19.81
32.05	23.53	66.06	23.52	99.98	21.18	133.81	19.76
32.73	23.54	66.74	23.52	100.66	21.18	134.48	19.78
33.41	23.53	67.42	23.50	101.33	21.17	135.16	19.82
34.09	23.53	68.10	23.52	102.01	21.19	135.83	19.82
34.78	23.53	68.78	23.51	102.69	21.25	136.51	19.83

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	19.83	174.28	17.47	211.26	16.02	248.14	14.7
137.86	19.80	174.95	17.46	211.93	16.01	248.81	14.7
138.53	19.78	175.62	17.45	212.60	16.00	249.48	14.7
139.21	19.74	176.30	17.38	213.28	15.97	250.14	14.6
139.88	19.69	176.97	17.35	213.95	15.95	250.81	14.6
140.56	19.59	177.64	17.29	214.62	15.93	251.48	14.6
141.23	19.50	178.32	17.24	215.29	15.92	252.15	14.6
141.91	19.37	178.99	17.21	215.96	15.89	252.82	14.5
142.59	19.25	179.66	17.17	216.63	15.89	253.49	14.5
143.26	19.19	180.34	17.14	217.30	15.82	254.16	14.5
143.94	19.15	181.01	17.12	217.97	15.81	254.83	14.4
144.61	19.12	181.68	17.05	218.65	15.78	255.50	14.4
145.29	19.09	182.36	17.01	219.32	15.75	256.17	14.4
145.96	19.06	183.03	16.98	219.99	15.74	256.84	14.4
146.64	19.07	183.70	16.95	220.66	15.73	257.50	14.4
147.31	19.06	184.38	16.91	221.33	15.71	258.17	14.4
147.99	19.04	185.05	16.88	222.00	15.67	258.84	14.4
148.66	18.99	185.72	16.85	222.67	15.63	259.51	14.4
149.34	18.94	186.39	16.82	223.34	15.61	260.18	14.3
150.01	18.91	187.07	16.81	224.01	15.59	260.85	14.3
150.68	18.87	187.74	16.80	224.68	15.55	261.52	14.3
151.36	18.81	188.41	16.75	225.35	15.53	262.19	14.3
152.03	18.77	189.08	16.72	226.02	15.49	262.86	14.3
152.71	18.69	189.76	16.70	226.70	15.49	263.52	14.3
153.38	18.62	190.43	16.70	227.37	15.47	264.19	14.2
154.06	18.56	191.10	16.69	228.04	15.47	264.86	14.2
154.73	18.53	191.77	16.71	228.71	15.47	265.53	14.2
155.41	18.51	192.45	16.68	229.38	15.46	266.20	14.2
156.08	18.48	193.12	16.67	230.05	15.45	266.87	14.2
156.76	18.41	193.79	16.66	230.72	15.45	267.53	14.2
157.43	18.39	194.46	16.64	231.39	15.45	268.20	14.2
158.10	18.33	195.14	16.62	232.06	15.41	268.87	14.1
158.78	18.28	195.81	16.56	232.73	15.39	269.54	14.1
159.45	18.26	196.48	16.53	233.40	15.35	270.21	14.1
160.13	18.23	197.15	16.49	234.07	15.31	270.88	14.1
160.80	18.16	197.83	16.44	234.74	15.31	271.54	14.1
161.48	18.13	198.50	16.40	235.41	15.26	272.21	14.0
162.15	18.07	199.17	16.39	236.08	15.21	272.88	14.0
162.82	18.05	199.84	16.36	236.75	15.17	273.55	14.0
163.50	18.02	200.51	16.33	237.42	15.13	274.22	14.0
164.17	17.96	201.19	16.33	238.09	15.08	274.88	14.0
164.85	17.92	201.86	16.32	238.76	15.06	275.55	14.0
165.52	17.92	202.53	16.29	239.43	15.02	276.22	14.0
166.19	17.90	203.20	16.28	240.10	14.98	276.89	14.0
166.87	17.90	203.87	16.25	240.77	14.98	277.56	14.0
167.54	17.91	204.55	16.24	241.44	14.94	278.22	14.0
168.22	17.90	205.22	16.16	242.11	14.90	278.89	13.9
168.89	17.87	205.89	16.16	242.78	14.89	279.56	13.9
169.56	17.85	206.56	16.16	243.45	14.86	280.23	13.9
170.24	17.79	207.23	16.12	244.12	14.83	280.90	13.9
170.91	17.75	207.90	16.10	244.79	14.82	281.56	13.9
171.58	17.73	208.58	16.07	245.46	14.82	282.23	13.9
172.26	17.66	209.25	16.07	246.13	14.79	282.90	13.8
172.93	17.60	209.92	16.05	246.80	14.79	283.57	13.8
173.60	17.53	210.59	16.04	247.47	14.77	284.23	13.8
174.28	17.47	211.26	16.02	248.14	14.74	284.90	13.7

## MK9 Post Trace Analysis Application

C:\XBTDATA\T-5#5.SIF

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	13.75	322.22	12.62	358.76	11.80	395.19	10.98
286.24	13.75	322.89	12.62	359.43	11.77	395.86	10.95
286.90	13.73	323.55	12.60	360.09	11.77	396.52	10.95
287.57	13.72	324.22	12.59	360.75	11.77	397.18	10.93
288.24	13.67	324.88	12.59	361.42	11.74	397.84	10.94
288.90	13.66	325.55	12.58	362.08	11.73	398.50	10.88
289.57	13.67	326.21	12.58	362.74	11.68	399.16	10.88
290.24	13.64	326.88	12.55	363.40	11.68	399.82	10.85
290.91	13.60	327.54	12.53	364.07	11.67	400.48	10.86
291.57	13.59	328.21	12.53	364.73	11.63	401.14	10.84
292.24	13.56	328.87	12.50	365.39	11.63	401.81	10.85
292.91	13.53	329.54	12.49	366.06	11.62	402.47	10.85
293.57	13.51	330.20	12.47	366.72	11.60	403.13	10.84
294.24	13.48	330.87	12.46	367.38	11.58	403.79	10.82
294.91	13.42	331.53	12.44	368.05	11.57	404.45	10.80
295.57	13.41	332.20	12.40	368.71	11.55	405.11	10.78
296.24	13.38	332.86	12.40	369.37	11.55	405.77	10.77
296.91	13.31	333.53	12.34	370.03	11.52	406.43	10.75
297.58	13.30	334.19	12.33	370.70	11.51	407.09	10.74
298.24	13.29	334.86	12.30	371.36	11.51	407.75	10.74
298.91	13.26	335.52	12.31	372.02	11.49	408.41	10.74
299.58	13.26	336.19	12.30	372.69	11.50	409.08	10.74
300.24	13.26	336.85	12.29	373.35	11.52	409.74	10.74
300.91	13.25	337.51	12.29	374.01	11.47	410.40	10.74
301.58	13.25	338.18	12.29	374.67	11.48	411.06	10.73
302.24	13.24	338.84	12.27	375.34	11.46	411.72	10.7
302.91	13.18	339.51	12.25	376.00	11.45	412.38	10.7
303.57	13.22	340.17	12.24	376.66	11.44	413.04	10.70
304.24	13.20	340.84	12.21	377.32	11.39	413.70	10.67
304.91	13.17	341.50	12.18	377.99	11.36	414.36	10.69
305.57	13.17	342.17	12.17	378.65	11.35	415.02	10.67
306.24	13.14	342.83	12.15	379.31	11.32	415.68	10.66
306.91	13.10	343.49	12.11	379.97	11.30	416.34	10.68
307.57	13.09	344.16	12.09	380.63	11.26	417.00	10.66
308.24	13.08	344.82	12.06	381.30	11.25	417.66	10.61
308.90	13.07	345.49	12.01	381.96	11.25	418.32	10.62
309.57	13.05	346.15	12.01	382.62	11.21	418.98	10.62
310.24	13.05	346.81	12.01	383.28	11.21	419.64	10.62
310.90	13.06	347.48	11.98	383.94	11.20	420.30	10.58
311.57	13.00	348.14	11.99	384.61	11.18	420.96	10.57
312.23	12.96	348.81	11.97	385.27	11.14	421.62	10.58
312.90	12.95	349.47	11.96	385.93	11.12	422.28	10.58
313.57	12.92	350.13	11.96	386.59	11.14	422.94	10.54
314.23	12.89	350.80	11.95	387.25	11.11	423.60	10.53
314.90	12.87	351.46	11.94	387.92	11.07	424.26	10.51
315.56	12.85	352.13	11.93	388.58	11.09	424.92	10.49
316.23	12.82	352.79	11.90	389.24	11.08	425.58	10.50
316.90	12.78	353.45	11.87	389.90	11.05	426.24	10.49
317.56	12.76	354.12	11.86	390.56	11.05	426.90	10.48
318.23	12.77	354.78	11.87	391.22	11.04	427.56	10.48
318.89	12.75	355.44	11.84	391.89	11.05	428.22	10.49
319.56	12.75	356.11	11.84	392.55	11.04	428.88	10.44
320.22	12.72	356.77	11.83	393.21	11.01	429.54	10.45
320.89	12.71	357.44	11.81	393.87	11.00	430.20	10.43
321.55	12.68	358.10	11.81	394.53	10.99	430.86	10.40
322.22	12.62	358.76	11.80	395.19	10.98	431.52	10.37

## MK9 Post Trace Analysis Application

C:\XBTDAT\T-5#5.SIF

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	10.35	468.38	9.76	504.48	9.23	540.47	8.2
432.83	10.33	469.04	9.74	505.14	9.21	541.13	8.2
433.49	10.34	469.70	9.72	505.79	9.20	541.78	8.2
434.15	10.33	470.36	9.72	506.45	9.19	542.43	8.2
434.81	10.32	471.01	9.75	507.11	9.21	543.09	8.2
435.47	10.30	471.67	9.71	507.76	9.19	543.74	8.2
436.13	10.30	472.33	9.72	508.42	9.19	544.39	8.2
436.79	10.32	472.99	9.68	509.07	9.18	545.05	8.2
437.45	10.31	473.64	9.68	509.73	9.19	545.70	8.2
438.11	10.30	474.30	9.70	510.38	9.17	546.35	8.2
438.77	10.29	474.96	9.69	511.04	9.17	547.01	8.2
439.43	10.27	475.61	9.66	511.69	9.15	547.66	8.2
440.08	10.29	476.27	9.65	512.35	9.13	548.31	8.2
440.74	10.26	476.93	9.65	513.00	9.11	548.96	8.2
441.40	10.23	477.58	9.64	513.66	9.09	549.62	8.2
442.06	10.23	478.24	9.64	514.31	9.07	550.27	8.2
442.72	10.17	478.90	9.64	514.97	9.10	550.92	8.2
443.38	10.20	479.55	9.63	515.62	9.08	551.58	8.2
444.04	10.17	480.21	9.63	516.27	9.07	552.23	8.2
444.70	10.16	480.87	9.61	516.93	9.06	552.88	8.2
445.35	10.13	481.52	9.62	517.58	9.05	553.53	8.2
446.01	10.14	482.18	9.58	518.24	9.03	554.19	8.2
446.67	10.14	482.84	9.57	518.89	9.01	554.84	8.2
447.33	10.13	483.49	9.55	519.55	9.01	555.49	8.2
447.99	10.12	484.15	9.52	520.20	8.99	556.14	8.2
448.65	10.13	484.81	9.49	520.86	8.98	556.80	8.2
449.31	10.10	485.46	9.48	521.51	8.99	557.45	8.2
449.96	10.10	486.12	9.48	522.17	8.97	558.10	8.2
450.62	10.10	486.78	9.46	522.82	8.96	558.75	8.2
451.28	10.04	487.43	9.48	523.47	8.95	559.41	8.2
451.94	10.03	488.09	9.45	524.13	8.94	560.06	8.2
452.60	10.06	488.75	9.45	524.78	8.91	560.71	8.2
453.26	10.00	489.40	9.45	525.44	8.92	561.36	8.2
453.91	10.02	490.06	9.44	526.09	8.90	562.01	8.2
454.57	10.04	490.71	9.42	526.75	8.88	562.67	8.2
455.23	10.00	491.37	9.43	527.40	8.89	563.32	8.2
455.89	10.00	492.03	9.42	528.05	8.89	563.97	8.2
456.55	9.96	492.68	9.40	528.71	8.86	564.62	8.2
457.20	9.96	493.34	9.39	529.36	8.86	565.27	8.2
457.86	9.95	493.99	9.39	530.02	8.84	565.93	8.2
458.52	9.93	494.65	9.36	530.67	8.84	566.58	8.2
459.18	9.91	495.31	9.33	531.32	8.84	567.23	8.2
459.84	9.87	495.96	9.33	531.98	8.83	567.88	8.2
460.49	9.87	496.62	9.31	532.63	8.84	568.53	8.2
461.15	9.85	497.27	9.31	533.28	8.82	569.19	8.2
461.81	9.84	497.93	9.31	533.94	8.82	569.84	8.2
462.47	9.86	498.58	9.30	534.59	8.81	570.49	8.2
463.12	9.82	499.24	9.30	535.25	8.78	571.14	8.2
463.78	9.84	499.90	9.30	535.90	8.78	571.79	8.2
464.44	9.85	500.55	9.28	536.55	8.77	572.44	8.2
465.10	9.80	501.21	9.30	537.21	8.73	573.10	8.2
465.75	9.81	501.86	9.30	537.86	8.74	573.75	8.2
466.41	9.79	502.52	9.27	538.51	8.73	574.40	8.2
467.07	9.79	503.17	9.26	539.17	8.71	575.05	8.2
467.73	9.77	503.83	9.23	539.82	8.70	575.70	8.2
468.38	9.76	504.48	9.23	540.47	8.68	576.35	8.2

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	8.22	612.77	7.86	648.43	7.56	683.98	7.17
577.66	8.20	613.42	7.86	649.08	7.56	684.62	7.12
578.31	8.21	614.07	7.86	649.72	7.57	685.27	7.14
578.96	8.20	614.72	7.86	650.37	7.55	685.91	7.12
579.61	8.21	615.37	7.86	651.02	7.53	686.56	7.14
580.26	8.19	616.02	7.84	651.66	7.54	687.20	7.11
580.91	8.18	616.67	7.86	652.31	7.54	687.85	7.09
581.56	8.19	617.32	7.84	652.96	7.55	688.49	7.08
582.21	8.17	617.96	7.84	653.61	7.54	689.14	7.07
582.86	8.16	618.61	7.83	654.25	7.52	689.78	7.07
583.52	8.18	619.26	7.84	654.90	7.51	690.43	7.05
584.17	8.17	619.91	7.82	655.55	7.49	691.07	7.04
584.82	8.13	620.56	7.83	656.19	7.48	691.72	7.03
585.47	8.14	621.21	7.80	656.84	7.48	692.36	7.01
586.12	8.14	621.86	7.81	657.49	7.47	693.01	7.00
586.77	8.14	622.51	7.79	658.13	7.48	693.65	6.96
587.42	8.12	623.16	7.79	658.78	7.46	694.30	6.99
588.07	8.13	623.80	7.80	659.43	7.46	694.94	6.99
588.72	8.14	624.45	7.78	660.07	7.46	695.59	6.98
589.37	8.12	625.10	7.79	660.72	7.43	696.23	6.97
590.02	8.11	625.75	7.78	661.37	7.42	696.87	6.99
590.67	8.10	626.40	7.77	662.01	7.41	697.52	7.00
591.32	8.09	627.05	7.79	662.66	7.40	698.16	6.98
591.97	8.09	627.70	7.78	663.31	7.39	698.81	6.97
592.63	8.09	628.34	7.77	663.95	7.36	699.45	6.97
593.28	8.08	628.99	7.77	664.60	7.36	700.10	6.96
593.93	8.09	629.64	7.76	665.25	7.37	700.74	6.93
594.58	8.08	630.29	7.74	665.89	7.36	701.39	6.96
595.23	8.06	630.94	7.72	666.54	7.33	702.03	6.94
595.88	8.05	631.59	7.74	667.19	7.34	702.67	6.94
596.53	8.06	632.23	7.74	667.83	7.35	703.32	6.94
597.18	8.06	632.88	7.71	668.48	7.36	703.96	6.94
597.83	8.08	633.53	7.74	669.12	7.32	704.61	6.94
598.48	8.06	634.18	7.72	669.77	7.31	705.25	6.91
599.13	8.06	634.83	7.70	670.42	7.29	705.90	6.90
599.78	8.06	635.48	7.71	671.06	7.30	706.54	6.89
600.43	8.04	636.12	7.70	671.71	7.28	707.18	6.88
601.08	8.04	636.77	7.68	672.35	7.28	707.83	6.86
601.73	7.99	637.42	7.68	673.00	7.27	708.47	6.85
602.38	7.99	638.07	7.69	673.65	7.26	709.11	6.86
603.03	7.99	638.71	7.66	674.29	7.23	709.76	6.85
603.68	7.97	639.36	7.67	674.94	7.23	710.40	6.85
604.33	7.95	640.01	7.64	675.58	7.23	711.05	6.84
604.98	7.95	640.66	7.64	676.23	7.22	711.69	6.84
605.63	7.95	641.31	7.63	676.88	7.23	712.33	6.83
606.28	7.94	641.95	7.63	677.52	7.21	712.98	6.82
606.93	7.94	642.60	7.63	678.17	7.22	713.62	6.82
607.58	7.93	643.25	7.63	678.81	7.22	714.26	6.82
608.23	7.91	643.90	7.63	679.46	7.20	714.91	6.81
608.88	7.92	644.54	7.63	680.10	7.21	715.55	6.80
609.52	7.91	645.19	7.62	680.75	7.18	716.20	6.80
610.17	7.88	645.84	7.60	681.39	7.19	716.84	6.79
610.82	7.91	646.49	7.61	682.04	7.18	717.48	6.78
611.47	7.89	647.13	7.57	682.68	7.13	718.13	6.78
612.12	7.86	647.78	7.57	683.33	7.17	718.77	6.79
612.77	7.86	648.43	7.56	683.98	7.17	719.41	6.78

Cruise: 91602  
 Date: 03-04-1991  
 Time: 07:14:31 GMT  
 Lat: 26 00.90 N  
 Lon: 92 45.40 W  
 Stn. 15

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	23.52	68.78	23.51	102.69	22.71
		35.46	23.54	69.46	23.50	103.37	22.49
2.05	22.84	36.14	23.52	70.14	23.52	104.04	22.28
2.73	23.14	36.82	23.52	70.81	23.53	104.72	22.11
3.41	23.28	37.50	23.53	71.49	23.50	105.40	21.87
4.10	23.41	38.18	23.52	72.17	23.52	106.07	21.76
4.78	23.53	38.86	23.51	72.85	23.51	106.75	21.68
5.46	23.59	39.54	23.51	73.53	23.51	107.43	21.64
6.14	23.60	40.22	23.52	74.21	23.50	108.11	21.62
6.83	23.61	40.90	23.50	74.89	23.51	108.78	21.60
7.51	23.63	41.58	23.50	75.57	23.50	109.46	21.58
8.19	23.63	42.26	23.52	76.25	23.50	110.14	21.58
8.87	23.62	42.94	23.51	76.92	23.50	110.81	21.57
9.56	23.63	43.62	23.52	77.60	23.49	111.49	21.56
10.24	23.64	44.31	23.50	78.28	23.52	112.17	21.54
10.92	23.62	44.99	23.51	78.96	23.51	112.84	21.51
11.60	23.59	45.67	23.51	79.64	23.51	113.52	21.49
12.28	23.61	46.35	23.50	80.32	23.51	114.20	21.49
12.97	23.58	47.03	23.52	81.00	23.51	114.87	21.50
13.65	23.60	47.71	23.50	81.67	23.51	115.55	21.52
14.33	23.58	48.39	23.53	82.35	23.50	116.23	21.51
15.01	23.60	49.07	23.50	83.03	23.50	116.90	21.51
15.69	23.59	49.75	23.51	83.71	23.49	117.58	21.49
16.38	23.57	50.43	23.52	84.39	23.49	118.26	21.46
17.06	23.56	51.11	23.54	85.07	23.49	118.93	21.41
17.74	23.57	51.79	23.50	85.74	23.52	119.61	21.41
18.42	23.53	52.47	23.52	86.42	23.49	120.29	21.37
19.10	23.55	53.15	23.51	87.10	23.48	120.96	21.41
19.79	23.55	53.83	23.51	87.78	23.48	121.64	21.40
20.47	23.55	54.51	23.52	88.46	23.48	122.31	21.37
21.15	23.55	55.19	23.51	89.13	23.48	122.99	21.31
21.83	23.55	55.87	23.53	89.81	23.47	123.67	21.27
22.51	23.55	56.55	23.52	90.49	23.47	124.34	21.25
23.19	23.54	57.23	23.50	91.17	23.45	125.02	21.20
23.88	23.52	57.91	23.51	91.85	23.49	125.70	21.20
24.56	23.54	58.59	23.50	92.52	23.48	126.37	21.17
25.24	23.52	59.27	23.51	93.20	23.48	127.05	21.19
25.92	23.53	59.95	23.50	93.88	23.47	127.72	21.15
26.60	23.52	60.63	23.51	94.56	23.44	128.40	21.11
27.28	23.52	61.30	23.49	95.24	23.44	129.07	21.05
27.96	23.53	61.98	23.51	95.91	23.45	129.75	21.00
28.65	23.52	62.66	23.52	96.59	23.45	130.43	20.93
29.33	23.52	63.34	23.50	97.27	23.45	131.10	20.87
30.01	23.53	64.02	23.50	97.95	23.41	131.78	20.83
30.69	23.52	64.70	23.51	98.62	23.38	132.45	20.81
31.37	23.52	65.38	23.49	99.30	23.30	133.13	20.81
32.05	23.50	66.06	23.51	99.98	23.23	133.81	20.80
32.73	23.52	66.74	23.51	100.66	23.20	134.48	20.80
33.41	23.50	67.42	23.51	101.33	23.12	135.16	20.79
34.09	23.54	68.10	23.50	102.01	22.93	135.83	20.78
34.78	23.52	68.78	23.51	102.69	22.71	136.51	20.76



## MK9 Post Trace Analysis Application

C:\XBTDATA\T-5#6.SIF

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	20.70	174.28	18.50	211.26	17.14	248.14	15.7
137.86	20.65	174.95	18.48	211.93	17.11	248.81	15.7
138.53	20.60	175.62	18.48	212.60	17.08	249.48	15.7
139.21	20.56	176.30	18.44	213.28	17.06	250.14	15.7
139.88	20.55	176.97	18.41	213.95	17.00	250.81	15.7
140.56	20.55	177.64	18.34	214.62	16.99	251.48	15.7
141.23	20.55	178.32	18.31	215.29	16.93	252.15	15.7
141.91	20.47	178.99	18.25	215.96	16.91	252.82	15.7
142.59	20.40	179.66	18.23	216.63	16.88	253.49	15.7
143.26	20.33	180.34	18.22	217.30	16.86	254.16	15.7
143.94	20.29	181.01	18.21	217.97	16.83	254.83	15.7
144.61	20.23	181.68	18.19	218.65	16.81	255.50	15.7
145.29	20.21	182.36	18.19	219.32	16.76	256.17	15.7
145.96	20.18	183.03	18.16	219.99	16.71	256.84	15.7
146.64	20.11	183.70	18.16	220.66	16.65	257.50	15.7
147.31	20.04	184.38	18.13	221.33	16.60	258.17	15.7
147.99	20.00	185.05	18.10	222.00	16.57	258.84	15.7
148.66	19.99	185.72	18.06	222.67	16.52	259.51	15.7
149.34	19.95	186.39	18.01	223.34	16.48	260.18	15.7
150.01	19.93	187.07	18.01	224.01	16.43	260.85	15.7
150.68	19.89	187.74	18.00	224.68	16.42	261.52	15.7
151.36	19.87	188.41	17.95	225.35	16.41	262.19	15.7
152.03	19.83	189.08	17.90	226.02	16.41	262.86	15.7
152.71	19.79	189.76	17.91	226.70	16.37	263.52	15.7
153.38	19.73	190.43	17.87	227.37	16.32	264.19	15.7
154.06	19.66	191.10	17.89	228.04	16.31	264.86	15.7
154.73	19.64	191.77	17.85	228.71	16.28	265.53	15.7
155.41	19.61	192.45	17.84	229.38	16.26	266.20	15.7
156.08	19.56	193.12	17.84	230.05	16.24	266.87	15.7
156.76	19.48	193.79	17.83	230.72	16.21	267.53	15.7
157.43	19.41	194.46	17.81	231.39	16.17	268.20	15.7
158.10	19.37	195.14	17.81	232.06	16.13	268.87	15.7
158.78	19.32	195.81	17.79	232.73	16.13	269.54	15.7
159.45	19.30	196.48	17.75	233.40	16.13	270.21	14.9
160.13	19.29	197.15	17.74	234.07	16.12	270.88	14.9
160.80	19.28	197.83	17.70	234.74	16.10	271.54	14.9
161.48	19.26	198.50	17.67	235.41	16.07	272.21	14.9
162.15	19.24	199.17	17.60	236.08	16.05	272.88	14.8
162.82	19.23	199.84	17.53	236.75	15.98	273.55	14.8
163.50	19.21	200.51	17.53	237.42	15.97	274.22	14.8
164.17	19.20	201.19	17.50	238.09	15.95	274.88	14.8
164.85	19.20	201.86	17.48	238.76	15.93	275.55	14.7
165.52	19.19	202.53	17.46	239.43	15.91	276.22	14.7
166.19	19.15	203.20	17.42	240.10	15.89	276.89	14.7
166.87	19.12	203.87	17.38	240.77	15.89	277.56	14.7
167.54	19.06	204.55	17.38	241.44	15.87	278.22	14.6
168.22	18.98	205.22	17.37	242.11	15.86	278.89	14.6
168.89	18.87	205.89	17.36	242.78	15.86	279.56	14.6
169.56	18.81	206.56	17.33	243.45	15.83	280.23	14.5
170.24	18.74	207.23	17.32	244.12	15.83	280.90	14.5
170.91	18.71	207.90	17.29	244.79	15.83	281.56	14.5
171.58	18.67	208.58	17.29	245.46	15.83	282.23	14.5
172.26	18.65	209.25	17.27	246.13	15.81	282.90	14.4
172.93	18.59	209.92	17.23	246.80	15.81	283.57	14.4
173.60	18.54	210.59	17.18	247.47	15.81	284.23	14.4
174.28	18.50	211.26	17.14	248.14	15.79	284.90	14.3

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	14.35	322.22	13.26	358.76	12.32	395.19	11.44
286.24	14.33	322.89	13.25	359.43	12.30	395.86	11.45
286.90	14.32	323.55	13.27	360.09	12.28	396.52	11.43
287.57	14.27	324.22	13.25	360.75	12.26	397.18	11.41
288.24	14.25	324.88	13.24	361.42	12.28	397.84	11.41
288.90	14.23	325.55	13.22	362.08	12.23	398.50	11.38
289.57	14.18	326.21	13.21	362.74	12.21	399.16	11.37
290.24	14.16	326.88	13.20	363.40	12.17	399.82	11.33
290.91	14.11	327.54	13.16	364.07	12.16	400.48	11.31
291.57	14.09	328.21	13.16	364.73	12.13	401.14	11.29
292.24	14.08	328.87	13.15	365.39	12.12	401.81	11.27
292.91	14.05	329.54	13.13	366.06	12.11	402.47	11.26
293.57	14.01	330.20	13.11	366.72	12.10	403.13	11.25
294.24	14.03	330.87	13.08	367.38	12.08	403.79	11.23
294.91	14.01	331.53	13.03	368.05	12.05	404.45	11.22
295.57	14.01	332.20	13.03	368.71	12.02	405.11	11.21
296.24	13.98	332.86	13.00	369.37	12.03	405.77	11.20
296.91	13.97	333.53	13.00	370.03	11.99	406.43	11.16
297.58	13.95	334.19	12.98	370.70	11.98	407.09	11.16
298.24	13.93	334.86	12.95	371.36	11.96	407.75	11.14
298.91	13.91	335.52	12.93	372.02	11.93	408.41	11.15
299.58	13.88	336.19	12.89	372.69	11.92	409.08	11.13
300.24	13.90	336.85	12.87	373.35	11.89	409.74	11.14
300.91	13.88	337.51	12.85	374.01	11.89	410.40	11.10
301.58	13.86	338.18	12.85	374.67	11.85	411.06	11.07
302.24	13.79	338.84	12.82	375.34	11.84	411.72	11.07
302.91	13.76	339.51	12.82	376.00	11.84	412.38	11.05
303.57	13.73	340.17	12.80	376.66	11.83	413.04	11.06
304.24	13.70	340.84	12.76	377.32	11.83	413.70	11.01
304.91	13.69	341.50	12.77	377.99	11.79	414.36	11.04
305.57	13.67	342.17	12.74	378.65	11.80	415.02	11.02
306.24	13.67	342.83	12.70	379.31	11.77	415.68	11.00
306.91	13.66	343.49	12.69	379.97	11.73	416.34	10.96
307.57	13.66	344.16	12.68	380.63	11.74	417.00	10.91
308.24	13.66	344.82	12.65	381.30	11.73	417.66	10.93
308.90	13.66	345.49	12.65	381.96	11.73	418.32	10.91
309.57	13.66	346.15	12.65	382.62	11.72	418.98	10.90
310.24	13.65	346.81	12.66	383.28	11.70	419.64	10.87
310.90	13.60	347.48	12.64	383.94	11.70	420.30	10.88
311.57	13.61	348.14	12.62	384.61	11.69	420.96	10.85
312.23	13.61	348.81	12.63	385.27	11.66	421.62	10.85
312.90	13.59	349.47	12.61	385.93	11.66	422.28	10.84
313.57	13.54	350.13	12.57	386.59	11.65	422.94	10.84
314.23	13.49	350.80	12.56	387.25	11.64	423.60	10.83
314.90	13.47	351.46	12.55	387.92	11.62	424.26	10.82
315.56	13.43	352.13	12.55	388.58	11.61	424.92	10.83
316.23	13.44	352.79	12.51	389.24	11.57	425.58	10.81
316.90	13.42	353.45	12.49	389.90	11.59	426.24	10.80
317.56	13.41	354.12	12.46	390.56	11.56	426.90	10.80
318.23	13.40	354.78	12.42	391.22	11.53	427.56	10.78
318.89	13.37	355.44	12.38	391.89	11.53	428.22	10.74
319.56	13.35	356.11	12.37	392.55	11.53	428.88	10.75
320.22	13.31	356.77	12.36	393.21	11.52	429.54	10.74
320.89	13.30	357.44	12.32	393.87	11.46	430.20	10.74
321.55	13.27	358.10	12.33	394.53	11.46	430.86	10.71
322.22	13.26	358.76	12.32	395.19	11.44	431.52	10.71

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	10.71	468.38	10.24	504.48	9.53	540.47	9.0
432.83	10.67	469.04	10.23	505.14	9.51	541.13	9.0
433.49	10.67	469.70	10.23	505.79	9.50	541.78	9.0
434.15	10.65	470.36	10.21	506.45	9.46	542.43	8.9
434.81	10.65	471.01	10.19	507.11	9.44	543.09	8.9
435.47	10.61	471.67	10.20	507.76	9.44	543.74	8.9
436.13	10.63	472.33	10.14	508.42	9.42	544.39	8.9
436.79	10.63	472.99	10.15	509.07	9.39	545.05	8.9
437.45	10.62	473.64	10.13	509.73	9.41	545.70	8.9
438.11	10.62	474.30	10.12	510.38	9.41	546.35	8.9
438.77	10.61	474.96	10.11	511.04	9.41	547.01	8.9
439.43	10.62	475.61	10.11	511.69	9.40	547.66	8.9
440.08	10.61	476.27	10.12	512.35	9.41	548.31	8.9
440.74	10.59	476.93	10.08	513.00	9.40	548.96	8.9
441.40	10.60	477.58	10.10	513.66	9.38	549.62	8.8
442.06	10.59	478.24	10.07	514.31	9.38	550.27	8.8
442.72	10.57	478.90	10.07	514.97	9.39	550.92	8.8
443.38	10.56	479.55	10.06	515.62	9.38	551.58	8.8
444.04	10.56	480.21	10.03	516.27	9.38	552.23	8.8
444.70	10.55	480.87	10.03	516.93	9.38	552.88	8.8
445.35	10.52	481.52	10.01	517.58	9.37	553.53	8.8
446.01	10.51	482.18	10.01	518.24	9.37	554.19	8.8
446.67	10.50	482.84	10.00	518.89	9.37	554.84	8.8
447.33	10.49	483.49	9.95	519.55	9.36	555.49	8.8
447.99	10.49	484.15	9.96	520.20	9.34	556.14	8.8
448.65	10.49	484.81	9.95	520.86	9.34	556.80	8.8
449.31	10.45	485.46	9.93	521.51	9.33	557.45	8.7
449.96	10.47	486.12	9.94	522.17	9.31	558.10	8.7
450.62	10.43	486.78	9.91	522.82	9.30	558.75	8.7
451.28	10.42	487.43	9.93	523.47	9.27	559.41	8.7
451.94	10.44	488.09	9.91	524.13	9.27	560.06	8.7
452.60	10.42	488.75	9.88	524.78	9.26	560.71	8.7
453.26	10.43	489.40	9.84	525.44	9.26	561.36	8.7
453.91	10.40	490.06	9.82	526.09	9.25	562.01	8.7
454.57	10.41	490.71	9.81	526.75	9.23	562.67	8.7
455.23	10.40	491.37	9.81	527.40	9.22	563.32	8.7
455.89	10.39	492.03	9.80	528.05	9.21	563.97	8.7
456.55	10.37	492.68	9.79	528.71	9.20	564.62	8.7
457.20	10.38	493.34	9.78	529.36	9.19	565.27	8.7
457.86	10.37	493.99	9.76	530.02	9.19	565.93	8.7
458.52	10.35	494.65	9.75	530.67	9.15	566.58	8.7
459.18	10.34	495.31	9.75	531.32	9.15	567.23	8.6
459.84	10.33	495.96	9.73	531.98	9.16	567.88	8.6
460.49	10.33	496.62	9.71	532.63	9.16	568.53	8.6
461.15	10.33	497.27	9.71	533.28	9.13	569.19	8.6
461.81	10.31	497.93	9.69	533.94	9.13	569.84	8.6
462.47	10.30	498.58	9.70	534.59	9.11	570.49	8.6
463.12	10.29	499.24	9.68	535.25	9.10	571.14	8.6
463.78	10.30	499.90	9.67	535.90	9.06	571.79	8.6
464.44	10.30	500.55	9.64	536.55	9.06	572.44	8.6
465.10	10.27	501.21	9.62	537.21	9.07	573.10	8.6
465.75	10.27	501.86	9.57	537.86	9.04	573.75	8.6
466.41	10.26	502.52	9.57	538.51	9.06	574.40	8.6
467.07	10.26	503.17	9.56	539.17	9.05	575.05	8.5
467.73	10.24	503.83	9.55	539.82	9.05	575.70	8.5
468.38	10.24	504.48	9.53	540.47	9.01	576.35	8.6

## MK9 Post Trace Analysis Application

C:\XBTDATA\T-5#6.SIP

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	8.60	612.77	8.15	648.43	7.72	683.98	7.33
577.66	8.59	613.42	8.13	649.08	7.72	684.62	7.31
578.31	8.59	614.07	8.13	649.72	7.72	685.27	7.30
578.96	8.58	614.72	8.11	650.37	7.70	685.91	7.32
579.61	8.59	615.37	8.09	651.02	7.72	686.56	7.30
580.26	8.57	616.02	8.06	651.66	7.70	687.20	7.31
580.91	8.56	616.67	8.04	652.31	7.70	687.85	7.30
581.56	8.56	617.32	8.03	652.96	7.69	688.49	7.31
582.21	8.56	617.96	8.02	653.61	7.66	689.14	7.28
582.86	8.57	618.61	8.03	654.25	7.67	689.78	7.27
583.52	8.54	619.26	8.03	654.90	7.64	690.43	7.26
584.17	8.52	619.91	8.01	655.55	7.65	691.07	7.25
584.82	8.51	620.56	8.00	656.19	7.65	691.72	7.24
585.47	8.49	621.21	8.01	656.84	7.64	692.36	7.23
586.12	8.46	621.86	7.99	657.49	7.65	693.01	7.23
586.77	8.45	622.51	7.97	658.13	7.63	693.65	7.22
587.42	8.44	623.16	7.97	658.78	7.64	694.30	7.20
588.07	8.45	623.80	7.97	659.43	7.62	694.94	7.19
588.72	8.43	624.45	7.96	660.07	7.63	695.59	7.17
589.37	8.42	625.10	7.94	660.72	7.60	696.23	7.20
590.02	8.40	625.75	7.96	661.37	7.61	696.87	7.19
590.67	8.40	626.40	7.94	662.01	7.59	697.52	7.17
591.32	8.41	627.05	7.97	662.66	7.59	698.16	7.20
591.97	8.40	627.70	7.93	663.31	7.57	698.81	7.17
592.63	8.40	628.34	7.90	663.95	7.56	699.45	7.20
593.28	8.36	628.99	7.92	664.60	7.54	700.10	7.16
593.93	8.39	629.64	7.91	665.25	7.55	700.74	7.15
594.58	8.37	630.29	7.91	665.89	7.54	701.39	7.15
595.23	8.37	630.94	7.89	666.54	7.53	702.03	7.14
595.88	8.34	631.59	7.89	667.19	7.52	702.67	7.14
596.53	8.33	632.23	7.88	667.83	7.54	703.32	7.14
597.18	8.33	632.88	7.90	668.48	7.50	703.96	7.12
597.83	8.31	633.53	7.90	669.12	7.51	704.61	7.11
598.48	8.31	634.18	7.91	669.77	7.51	705.25	7.10
599.13	8.30	634.83	7.89	670.42	7.51	705.90	7.09
599.78	8.31	635.48	7.90	671.06	7.50	706.54	7.05
600.43	8.32	636.12	7.89	671.71	7.49	707.18	7.06
601.08	8.28	636.77	7.90	672.35	7.49	707.83	7.04
601.73	8.28	637.42	7.89	673.00	7.47	708.47	6.99
602.38	8.28	638.07	7.88	673.65	7.47	709.11	7.02
603.03	8.28	638.71	7.87	674.29	7.46	709.76	7.02
603.68	8.26	639.36	7.83	674.94	7.46	710.40	7.03
604.33	8.24	640.01	7.84	675.58	7.43	711.05	7.00
604.98	8.24	640.66	7.83	676.23	7.43	711.69	6.99
605.63	8.21	641.31	7.83	676.88	7.42	712.33	7.01
606.28	8.20	641.95	7.79	677.52	7.42	712.98	6.98
606.93	8.21	642.60	7.78	678.17	7.39	713.62	6.97
607.58	8.22	643.25	7.80	678.81	7.40	714.26	6.98
608.23	8.19	643.90	7.77	679.46	7.41	714.91	6.97
608.88	8.18	644.54	7.76	680.10	7.39	715.55	6.95
609.52	8.19	645.19	7.74	680.75	7.39	716.20	6.97
610.17	8.18	645.84	7.74	681.39	7.38	716.84	6.96
610.82	8.14	646.49	7.73	682.04	7.37	717.48	6.97
611.47	8.15	647.13	7.74	682.68	7.36	718.13	6.96
612.12	8.16	647.78	7.73	683.33	7.34	718.77	6.95
612.77	8.15	648.43	7.72	683.98	7.33	719.41	6.94

Cruise: 91602  
 Date: 03-04-1991  
 Time: 09:17:27 GMT  
 Lat: 25 41.10 N  
 Lon: 92 45.40 W  
 Stn. 16

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	22.66	68.78	22.54	102.69	22.41
		35.46	22.67	69.46	22.54	103.37	22.40
2.05	22.61	36.14	22.67	70.14	22.55	104.04	22.37
2.73	22.63	36.82	22.66	70.81	22.53	104.72	22.38
3.41	22.73	37.50	22.66	71.49	22.53	105.40	22.36
4.10	22.74	38.18	22.65	72.17	22.52	106.07	22.39
4.78	22.74	38.86	22.66	72.85	22.52	106.75	22.38
5.46	22.77	39.54	22.66	73.53	22.52	107.43	22.40
6.14	22.77	40.22	22.66	74.21	22.53	108.11	22.39
6.83	22.78	40.90	22.65	74.89	22.53	108.78	22.38
7.51	22.78	41.58	22.66	75.57	22.53	109.46	22.32
8.19	22.77	42.26	22.66	76.25	22.54	110.14	22.28
8.87	22.76	42.94	22.65	76.92	22.53	110.81	22.26
9.56	22.75	43.62	22.64	77.60	22.53	111.49	22.25
10.24	22.75	44.31	22.63	78.28	22.53	112.17	22.24
10.92	22.75	44.99	22.61	78.96	22.52	112.84	22.22
11.60	22.75	45.67	22.62	79.64	22.51	113.52	22.22
12.28	22.76	46.35	22.62	80.32	22.51	114.20	22.19
12.97	22.73	47.03	22.61	81.00	22.52	114.87	22.18
13.65	22.74	47.71	22.61	81.67	22.51	115.55	22.17
14.33	22.73	48.39	22.61	82.35	22.52	116.23	22.18
15.01	22.74	49.07	22.61	83.03	22.51	116.90	22.15
15.69	22.72	49.75	22.60	83.71	22.51	117.58	22.16
16.38	22.72	50.43	22.60	84.39	22.50	118.26	22.15
17.06	22.71	51.11	22.60	85.07	22.51	118.93	22.14
17.74	22.72	51.79	22.60	85.74	22.50	119.61	22.14
18.42	22.72	52.47	22.58	86.42	22.51	120.29	22.12
19.10	22.71	53.15	22.57	87.10	22.51	120.96	22.07
19.79	22.70	53.83	22.57	87.78	22.50	121.64	22.04
20.47	22.70	54.51	22.56	88.46	22.50	122.31	22.02
21.15	22.70	55.19	22.57	89.13	22.50	122.99	21.97
21.83	22.70	55.87	22.56	89.81	22.51	123.67	21.98
22.51	22.71	56.55	22.55	90.49	22.50	124.34	21.96
23.19	22.71	57.23	22.56	91.17	22.50	125.02	21.94
23.88	22.70	57.91	22.56	91.85	22.51	125.70	21.95
24.56	22.70	58.59	22.56	92.52	22.49	126.37	21.94
25.24	22.70	59.27	22.56	93.20	22.49	127.05	21.92
25.92	22.70	59.95	22.56	93.88	22.47	127.72	21.88
26.60	22.69	60.63	22.55	94.56	22.47	128.40	21.85
27.28	22.68	61.30	22.56	95.24	22.45	129.07	21.79
27.96	22.69	61.98	22.55	95.91	22.45	129.75	21.78
28.65	22.69	62.66	22.55	96.59	22.46	130.43	21.73
29.33	22.69	63.34	22.54	97.27	22.44	131.10	21.66
30.01	22.68	64.02	22.55	97.95	22.45	131.78	21.62
30.69	22.68	64.70	22.54	98.62	22.45	132.45	21.54
31.37	22.68	65.38	22.55	99.30	22.45	133.13	21.48
32.05	22.68	66.06	22.53	99.98	22.43	133.81	21.42
32.73	22.68	66.74	22.54	100.66	22.41	134.48	21.35
33.41	22.68	67.42	22.55	101.33	22.40	135.16	21.27
34.09	22.67	68.10	22.54	102.01	22.41	135.83	21.23
34.78	22.66	68.78	22.54	102.69	22.41	136.51	21.19

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	21.14	174.28	18.93	211.26	17.29	248.14	15.0
137.86	21.13	174.95	18.92	211.93	17.22	248.81	15.0
138.53	21.07	175.62	18.89	212.60	17.19	249.48	15.0
139.21	20.96	176.30	18.88	213.28	17.20	250.14	15.0
139.88	20.83	176.97	18.85	213.95	17.17	250.81	15.0
140.56	20.79	177.64	18.79	214.62	17.16	251.48	15.0
141.23	20.76	178.32	18.73	215.29	17.15	252.15	15.0
141.91	20.65	178.99	18.70	215.96	17.14	252.82	15.0
142.59	20.59	179.66	18.69	216.63	17.10	253.49	15.0
143.26	20.53	180.34	18.64	217.30	17.09	254.16	15.0
143.94	20.47	181.01	18.59	217.97	17.09	254.83	15.0
144.61	20.44	181.68	18.57	218.65	17.05	255.50	15.0
145.29	20.43	182.36	18.55	219.32	17.02	256.17	15.0
145.96	20.42	183.03	18.54	219.99	17.02	256.84	15.0
146.64	20.42	183.70	18.53	220.66	17.00	257.50	15.0
147.31	20.40	184.38	18.49	221.33	16.98	258.17	15.0
147.99	20.33	185.05	18.44	222.00	16.96	258.84	15.0
148.66	20.30	185.72	18.44	222.67	16.88	259.51	15.0
149.34	20.23	186.39	18.41	223.34	16.84	260.18	15.0
150.01	20.22	187.07	18.39	224.01	16.82	260.85	15.0
150.68	20.22	187.74	18.33	224.68	16.81	261.52	15.0
151.36	20.22	188.41	18.32	225.35	16.78	262.19	15.0
152.03	20.20	189.08	18.27	226.02	16.75	262.86	15.0
152.71	20.18	189.76	18.26	226.70	16.73	263.52	15.0
153.38	20.17	190.43	18.23	227.37	16.66	264.19	15.0
154.06	20.11	191.10	18.22	228.04	16.58	264.86	15.0
154.73	20.09	191.77	18.20	228.71	16.57	265.53	15.0
155.41	20.04	192.45	18.18	229.38	16.55	266.20	15.0
156.08	19.99	193.12	18.17	230.05	16.54	266.87	15.0
156.76	19.92	193.79	18.13	230.72	16.55	267.53	15.0
157.43	19.92	194.46	18.11	231.39	16.52	268.20	15.0
158.10	19.90	195.14	18.06	232.06	16.50	268.87	15.0
158.78	19.85	195.81	18.03	232.73	16.45	269.54	15.0
159.45	19.82	196.48	18.01	233.40	16.42	270.21	15.0
160.13	19.81	197.15	17.95	234.07	16.41	270.88	15.0
160.80	19.79	197.83	17.92	234.74	16.37	271.54	15.0
161.48	19.76	198.50	17.87	235.41	16.37	272.21	15.0
162.15	19.73	199.17	17.83	236.08	16.37	272.88	15.0
162.82	19.67	199.84	17.83	236.75	16.34	273.55	15.0
163.50	19.60	200.51	17.81	237.42	16.36	274.22	15.0
164.17	19.57	201.19	17.79	238.09	16.33	274.88	14.9
164.85	19.52	201.86	17.77	238.76	16.30	275.55	14.9
165.52	19.48	202.53	17.72	239.43	16.26	276.22	14.9
166.19	19.44	203.20	17.66	240.10	16.24	276.89	14.9
166.87	19.39	203.87	17.61	240.77	16.20	277.56	14.9
167.54	19.34	204.55	17.61	241.44	16.11	278.22	14.9
168.22	19.28	205.22	17.58	242.11	16.08	278.89	14.9
168.89	19.23	205.89	17.55	242.78	16.05	279.56	14.8
169.56	19.16	206.56	17.50	243.45	15.99	280.23	14.8
170.24	19.11	207.23	17.47	244.12	15.96	280.90	14.8
170.91	19.06	207.90	17.46	244.79	15.94	281.56	14.8
171.58	19.05	208.58	17.42	245.46	15.91	282.23	14.7
172.26	18.99	209.25	17.38	246.13	15.89	282.90	14.7
172.93	18.99	209.92	17.35	246.80	15.87	283.57	14.7
173.60	18.95	210.59	17.33	247.47	15.82	284.23	14.7
174.28	18.93	211.26	17.29	248.14	15.79	284.90	14.7

## MK9 Post Trace Analysis Application

C:\XBTDATA\T-5#7.SIF

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	14.71	322.22	13.54	358.76	12.37	395.19	11.54
286.24	14.68	322.89	13.50	359.43	12.37	395.86	11.51
286.90	14.69	323.55	13.48	360.09	12.36	396.52	11.48
287.57	14.68	324.22	13.44	360.75	12.34	397.18	11.46
288.24	14.65	324.88	13.44	361.42	12.32	397.84	11.45
288.90	14.63	325.55	13.42	362.08	12.33	398.50	11.45
289.57	14.59	326.21	13.40	362.74	12.33	399.16	11.45
290.24	14.59	326.88	13.38	363.40	12.29	399.82	11.42
290.91	14.56	327.54	13.33	364.07	12.29	400.48	11.39
291.57	14.52	328.21	13.27	364.73	12.26	401.14	11.38
292.24	14.48	328.87	13.22	365.39	12.26	401.81	11.36
292.91	14.45	329.54	13.17	366.06	12.24	402.47	11.35
293.57	14.43	330.20	13.14	366.72	12.21	403.13	11.37
294.24	14.41	330.87	13.10	367.38	12.19	403.79	11.34
294.91	14.42	331.53	13.10	368.05	12.18	404.45	11.33
295.57	14.40	332.20	13.09	368.71	12.18	405.11	11.33
296.24	14.38	332.86	13.06	369.37	12.17	405.77	11.31
296.91	14.39	333.53	13.00	370.03	12.14	406.43	11.32
297.58	14.39	334.19	13.02	370.70	12.14	407.09	11.30
298.24	14.37	334.86	13.01	371.36	12.12	407.75	11.31
298.91	14.37	335.52	12.99	372.02	12.09	408.41	11.30
299.58	14.33	336.19	12.98	372.69	12.04	409.08	11.28
300.24	14.33	336.85	12.97	373.35	12.07	409.74	11.25
300.91	14.30	337.51	12.95	374.01	12.05	410.40	11.25
301.58	14.29	338.18	12.92	374.67	12.04	411.06	11.21
302.24	14.24	338.84	12.88	375.34	12.04	411.72	11.20
302.91	14.24	339.51	12.88	376.00	12.02	412.38	11.19
303.57	14.21	340.17	12.85	376.66	12.01	413.04	11.18
304.24	14.15	340.84	12.83	377.32	11.99	413.70	11.15
304.91	14.14	341.50	12.83	377.99	12.00	414.36	11.16
305.57	14.11	342.17	12.80	378.65	11.99	415.02	11.12
306.24	14.10	342.83	12.79	379.31	11.97	415.68	11.13
306.91	14.09	343.49	12.77	379.97	11.95	416.34	11.13
307.57	14.07	344.16	12.75	380.63	11.93	417.00	11.13
308.24	14.07	344.82	12.69	381.30	11.91	417.66	11.10
308.90	14.03	345.49	12.70	381.96	11.86	418.32	11.10
309.57	14.03	346.15	12.66	382.62	11.87	418.98	11.10
310.24	13.99	346.81	12.64	383.28	11.88	419.64	11.10
310.90	13.93	347.48	12.62	383.94	11.86	420.30	11.09
311.57	13.91	348.14	12.61	384.61	11.84	420.96	11.09
312.23	13.87	348.81	12.57	385.27	11.83	421.62	11.07
312.90	13.84	349.47	12.57	385.93	11.82	422.28	11.05
313.57	13.78	350.13	12.55	386.59	11.78	422.94	11.04
314.23	13.75	350.80	12.52	387.25	11.78	423.60	11.03
314.90	13.73	351.46	12.51	387.92	11.77	424.26	11.05
315.56	13.74	352.13	12.47	388.58	11.76	424.92	11.02
316.23	13.74	352.79	12.46	389.24	11.73	425.58	10.99
316.90	13.70	353.45	12.44	389.90	11.74	426.24	10.94
317.56	13.69	354.12	12.44	390.56	11.71	426.90	10.95
318.23	13.69	354.78	12.42	391.22	11.68	427.56	10.95
318.89	13.64	355.44	12.40	391.89	11.65	428.22	10.91
319.56	13.62	356.11	12.38	392.55	11.65	428.88	10.94
320.22	13.62	356.77	12.40	393.21	11.61	429.54	10.91
320.89	13.61	357.44	12.40	393.87	11.57	430.20	10.91
321.55	13.56	358.10	12.39	394.53	11.56	430.86	10.85
322.22	13.54	358.76	12.37	395.19	11.54	431.52	10.86

## MK9 Post Trace Analysis Application

C:\XBTDATA\T-5#7.SIF

Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
432.18	10.83	468.38	10.10	504.48	9.46	540.47	8.1
432.83	10.81	469.04	10.08	505.14	9.44	541.13	8.1
433.49	10.79	469.70	10.09	505.79	9.43	541.78	8.1
434.15	10.77	470.36	10.06	506.45	9.43	542.43	8.1
434.81	10.75	471.01	10.06	507.11	9.42	543.09	8.1
435.47	10.72	471.67	10.07	507.76	9.41	543.74	8.1
436.13	10.75	472.33	10.06	508.42	9.41	544.39	8.1
436.79	10.72	472.99	10.06	509.07	9.39	545.05	8.1
437.45	10.69	473.64	10.05	509.73	9.36	545.70	8.1
438.11	10.71	474.30	10.06	510.38	9.34	546.35	8.1
438.77	10.67	474.96	10.03	511.04	9.33	547.01	8.1
439.43	10.68	475.61	10.02	511.69	9.32	547.66	8.1
440.08	10.66	476.27	10.03	512.35	9.30	548.31	8.1
440.74	10.63	476.93	10.03	513.00	9.27	548.96	8.1
441.40	10.63	477.58	10.03	513.66	9.25	549.62	8.1
442.06	10.62	478.24	10.01	514.31	9.26	550.27	8.1
442.72	10.62	478.90	10.01	514.97	9.24	550.92	8.1
443.38	10.61	479.55	9.99	515.62	9.23	551.58	8.1
444.04	10.59	480.21	9.96	516.27	9.19	552.23	8.1
444.70	10.56	480.87	9.90	516.93	9.17	552.88	8.1
445.35	10.55	481.52	9.90	517.58	9.14	553.53	8.1
446.01	10.55	482.18	9.86	518.24	9.14	554.19	8.1
446.67	10.53	482.84	9.84	518.89	9.11	554.84	8.1
447.33	10.54	483.49	9.81	519.55	9.10	555.49	8.1
447.99	10.51	484.15	9.81	520.20	9.09	556.14	8.1
448.65	10.50	484.81	9.79	520.86	9.10	556.80	8.1
449.31	10.48	485.46	9.77	521.51	9.07	557.45	8.1
449.96	10.45	486.12	9.74	522.17	9.09	558.10	8.1
450.62	10.44	486.78	9.74	522.82	9.06	558.75	8.1
451.28	10.44	487.43	9.73	523.47	9.06	559.41	8.1
451.94	10.44	488.09	9.72	524.13	9.04	560.06	8.1
452.60	10.43	488.75	9.70	524.78	9.04	560.71	8.1
453.26	10.42	489.40	9.68	525.44	9.00	561.36	8.1
453.91	10.39	490.06	9.67	526.09	9.01	562.01	8.1
454.57	10.35	490.71	9.65	526.75	9.02	562.67	8.1
455.23	10.34	491.37	9.63	527.40	9.00	563.32	8.1
455.89	10.35	492.03	9.63	528.05	8.98	563.97	8.1
456.55	10.32	492.68	9.62	528.71	8.98	564.62	8.1
457.20	10.30	493.34	9.60	529.36	8.98	565.27	8.1
457.86	10.31	493.99	9.59	530.02	8.98	565.93	8.1
458.52	10.27	494.65	9.59	530.67	8.94	566.58	8.1
459.18	10.27	495.31	9.59	531.32	8.94	567.23	8.1
459.84	10.25	495.96	9.56	531.98	8.93	567.88	8.1
460.49	10.24	496.62	9.57	532.63	8.93	568.53	8.1
461.15	10.26	497.27	9.56	533.28	8.94	569.19	8.1
461.81	10.24	497.93	9.55	533.94	8.90	569.84	8.1
462.47	10.24	498.58	9.54	534.59	8.90	570.49	8.1
463.12	10.20	499.24	9.52	535.25	8.90	571.14	8.1
463.78	10.17	499.90	9.51	535.90	8.89	571.79	8.1
464.44	10.18	500.55	9.51	536.55	8.88	572.44	8.1
465.10	10.16	501.21	9.48	537.21	8.89	573.10	8.1
465.75	10.12	501.86	9.48	537.86	8.89	573.75	8.1
466.41	10.13	502.52	9.48	538.51	8.86	574.40	8.1
467.07	10.11	503.17	9.47	539.17	8.87	575.05	8.1
467.73	10.11	503.83	9.46	539.82	8.84	575.70	8.1
468.38	10.10	504.48	9.46	540.47	8.82	576.35	8.1



Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	8.21	612.77	7.67	648.43	7.30	683.98	7.01
577.66	8.18	613.42	7.65	649.08	7.30	684.62	7.01
578.31	8.16	614.07	7.66	649.72	7.28	685.27	6.98
578.96	8.18	614.72	7.63	650.37	7.29	685.91	6.98
579.61	8.16	615.37	7.62	651.02	7.29	686.56	6.99
580.26	8.15	616.02	7.62	651.66	7.28	687.20	6.97
580.91	8.14	616.67	7.61	652.31	7.28	687.85	6.95
581.56	8.14	617.32	7.61	652.96	7.26	688.49	6.95
582.21	8.12	617.96	7.60	653.61	7.24	689.14	6.95
582.86	8.11	618.61	7.58	654.25	7.25	689.78	6.94
583.52	8.08	619.26	7.60	654.90	7.25	690.43	6.96
584.17	8.08	619.91	7.57	655.55	7.23	691.07	6.92
584.82	8.06	620.56	7.58	656.19	7.23	691.72	6.92
585.47	8.06	621.21	7.57	656.84	7.23	692.36	6.91
586.12	8.03	621.86	7.55	657.49	7.22	693.01	6.92
586.77	8.02	622.51	7.54	658.13	7.21	693.65	6.90
587.42	8.02	623.16	7.54	658.78	7.21	694.30	6.91
588.07	8.02	623.80	7.54	659.43	7.21	694.94	6.90
588.72	7.99	624.45	7.54	660.07	7.21	695.59	6.89
589.37	8.00	625.10	7.52	660.72	7.18	696.23	6.87
590.02	7.97	625.75	7.52	661.37	7.19	696.87	6.88
590.67	7.95	626.40	7.52	662.01	7.17	697.52	6.86
591.32	7.96	627.05	7.53	662.66	7.19	698.16	6.88
591.97	7.92	627.70	7.52	663.31	7.16	698.81	6.86
592.63	7.91	628.34	7.50	663.95	7.17	699.45	6.89
593.28	7.90	628.99	7.49	664.60	7.16	700.10	6.90
593.93	7.92	629.64	7.51	665.25	7.17	700.74	6.88
594.58	7.89	630.29	7.47	665.89	7.19	701.39	6.86
595.23	7.88	630.94	7.45	666.54	7.16	702.03	6.87
595.88	7.86	631.59	7.45	667.19	7.15	702.67	6.87
596.53	7.87	632.23	7.45	667.83	7.14	703.32	6.87
597.18	7.87	632.88	7.42	668.48	7.14	703.96	6.85
597.83	7.84	633.53	7.42	669.12	7.13	704.61	6.86
598.48	7.83	634.18	7.41	669.77	7.13	705.25	6.86
599.13	7.85	634.83	7.42	670.42	7.11	705.90	6.85
599.78	7.84	635.48	7.38	671.06	7.11	706.54	6.83
600.43	7.84	636.12	7.39	671.71	7.11	707.18	6.82
601.08	7.81	636.77	7.39	672.35	7.10	707.83	6.84
601.73	7.82	637.42	7.39	673.00	7.08	708.47	6.84
602.38	7.80	638.07	7.37	673.65	7.10	709.11	6.83
603.03	7.78	638.71	7.37	674.29	7.09	709.76	6.82
603.68	7.76	639.36	7.36	674.94	7.08	710.40	6.83
604.33	7.77	640.01	7.36	675.58	7.04	711.05	6.81
604.98	7.74	640.66	7.35	676.23	7.07	711.69	6.82
605.63	7.74	641.31	7.35	676.88	7.06	712.33	6.80
606.28	7.73	641.95	7.33	677.52	7.06	712.98	6.82
606.93	7.73	642.60	7.34	678.17	7.06	713.62	6.80
607.58	7.71	643.25	7.33	678.81	7.05	714.26	6.78
608.23	7.71	643.90	7.31	679.46	7.05	714.91	6.77
608.88	7.71	644.54	7.30	680.10	7.03	715.55	6.77
609.52	7.71	645.19	7.32	680.75	7.02	716.20	6.77
610.17	7.71	645.84	7.33	681.39	7.02	716.84	6.75
610.82	7.68	646.49	7.30	682.04	7.03	717.48	6.78
611.47	7.69	647.13	7.31	682.68	7.03	718.13	6.77
612.12	7.67	647.78	7.29	683.33	6.99	718.77	6.75
612.77	7.67	648.43	7.30	683.98	7.01	719.41	6.74

Cruise: 91602  
 Date: 03-04-1991  
 Time: 12:02:09 GMT  
 Lat: 25 20.00 N  
 Lon: 92 45.00 W  
 Stn. 17

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	22.52	68.78	21.83	102.69	21.20
1.37	22.60	35.46	22.52	69.46	21.84	103.37	21.20
2.05	22.59	36.14	22.51	70.14	21.85	104.04	21.19
2.73	22.60	36.82	22.52	70.81	21.83	104.72	21.17
3.41	22.65	37.50	22.51	71.49	21.81	105.40	21.16
4.10	22.68	38.18	22.51	72.17	21.78	106.07	21.13
4.78	22.69	38.86	22.49	72.85	21.74	106.75	21.12
5.46	22.66	39.54	22.50	73.53	21.73	107.43	21.10
6.14	22.60	40.22	22.50	74.21	21.71	108.11	21.10
6.83	22.60	40.90	22.50	74.89	21.72	108.78	21.08
7.51	22.72	41.58	22.50	75.57	21.71	109.46	21.06
8.19	22.78	42.26	22.51	76.25	21.72	110.14	20.96
8.87	22.77	42.94	22.50	76.92	21.69	110.81	20.89
9.56	22.85	43.62	22.50	77.60	21.70	111.49	20.85
10.24	23.01	44.31	22.50	78.28	21.69	112.17	20.83
10.92	22.74	44.99	22.49	78.96	21.68	112.84	20.80
11.60	22.65	45.67	22.47	79.64	21.67	113.52	20.79
12.28	22.62	46.35	22.47	80.32	21.64	114.20	20.77
12.97	22.62	47.03	22.48	81.00	21.63	114.87	20.75
13.65	22.61	47.71	22.47	81.67	21.65	115.55	20.74
14.33	22.61	48.39	22.46	82.35	21.65	116.23	20.73
15.01	22.63	49.07	22.46	83.03	21.63	116.90	20.73
15.69	22.59	49.75	22.47	83.71	21.62	117.58	20.69
16.38	22.60	50.43	22.47	84.39	21.59	118.26	20.67
17.06	22.58	51.11	22.47	85.07	21.56	118.93	20.65
17.74	22.59	51.79	22.48	85.74	21.54	119.61	20.56
18.42	22.58	52.47	22.47	86.42	21.51	120.29	20.51
19.10	22.56	53.15	22.48	87.10	21.49	120.96	20.42
19.79	22.58	53.83	22.47	87.78	21.42	121.64	20.37
20.47	22.56	54.51	22.47	88.46	21.36	122.31	20.33
21.15	22.58	55.19	22.46	89.13	21.33	122.99	20.29
21.83	22.57	55.87	22.47	89.81	21.34	123.67	20.27
22.51	22.55	56.55	22.46	90.49	21.34	124.34	20.24
23.19	22.56	57.23	22.44	91.17	21.32	125.02	20.21
23.88	22.58	57.91	22.35	91.85	21.32	125.70	20.20
24.56	22.56	58.59	22.19	92.52	21.32	126.37	20.18
25.24	22.57	59.27	22.06	93.20	21.32	127.05	20.14
25.92	22.56	59.95	21.98	93.88	21.30	127.72	20.09
26.60	22.55	60.63	21.96	94.56	21.30	128.40	20.03
27.28	22.53	61.30	21.93	95.24	21.29	129.07	19.96
27.96	22.56	61.98	21.89	95.91	21.28	129.75	19.93
28.65	22.54	62.66	21.88	96.59	21.27	130.43	19.91
29.33	22.55	63.34	21.85	97.27	21.25	131.10	19.89
30.01	22.54	64.02	21.82	97.95	21.25	131.78	19.87
30.69	22.55	64.70	21.81	98.62	21.24	132.45	19.85
31.37	22.55	65.38	21.81	99.30	21.23	133.13	19.83
32.05	22.54	66.06	21.82	99.98	21.23	133.81	19.82
32.73	22.54	66.74	21.83	100.66	21.22	134.48	19.82
33.41	22.53	67.42	21.84	101.33	21.22	135.16	19.80
34.09	22.53	68.10	21.85	102.01	21.22	135.83	19.77
34.78	22.52	68.78	21.83	102.69	21.20	136.51	19.74

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	19.69	174.28	18.07	211.26	16.57	248.14	15.
137.86	19.66	174.95	18.04	211.93	16.53	248.81	15.
138.53	19.63	175.62	17.99	212.60	16.52	249.48	15.
139.21	19.58	176.30	17.96	213.28	16.49	250.14	15.
139.88	19.54	176.97	17.93	213.95	16.46	250.81	15.
140.56	19.50	177.64	17.91	214.62	16.46	251.48	15.
141.23	19.40	178.32	17.88	215.29	16.45	252.15	15.
141.91	19.35	178.99	17.85	215.96	16.45	252.82	15.
142.59	19.31	179.66	17.81	216.63	16.44	253.49	15.
143.26	19.26	180.34	17.79	217.30	16.40	254.16	15.
143.94	19.24	181.01	17.75	217.97	16.38	254.83	15.
144.61	19.22	181.68	17.74	218.65	16.36	255.50	15.
145.29	19.17	182.36	17.71	219.32	16.33	256.17	15.
145.96	19.14	183.03	17.69	219.99	16.32	256.84	15.
146.64	19.13	183.70	17.66	220.66	16.31	257.50	15.
147.31	19.08	184.38	17.62	221.33	16.29	258.17	15.
147.99	19.03	185.05	17.61	222.00	16.26	258.84	15.
148.66	18.97	185.72	17.59	222.67	16.21	259.51	15.
149.34	18.92	186.39	17.54	223.34	16.19	260.18	15.
150.01	18.89	187.07	17.53	224.01	16.16	260.85	15.
150.68	18.86	187.74	17.50	224.68	16.14	261.52	15.
151.36	18.84	188.41	17.45	225.35	16.11	262.19	15.
152.03	18.83	189.08	17.43	226.02	16.07	262.86	15.
152.71	18.81	189.76	17.39	226.70	16.05	263.52	14.
153.38	18.79	190.43	17.37	227.37	16.05	264.19	14.
154.06	18.77	191.10	17.36	228.04	16.04	264.86	14.
154.73	18.75	191.77	17.34	228.71	16.02	265.53	14.
155.41	18.72	192.45	17.30	229.38	16.00	266.20	14.
156.08	18.71	193.12	17.28	230.05	15.95	266.87	14.
156.76	18.69	193.79	17.25	230.72	15.93	267.53	14.
157.43	18.65	194.46	17.24	231.39	15.91	268.20	14.
158.10	18.62	195.14	17.20	232.06	15.89	268.87	14.
158.78	18.61	195.81	17.17	232.73	15.89	269.54	14.
159.45	18.60	196.48	17.14	233.40	15.89	270.21	14.
160.13	18.53	197.15	17.11	234.07	15.87	270.88	14.
160.80	18.44	197.83	17.07	234.74	15.86	271.54	14.
161.48	18.40	198.50	17.05	235.41	15.85	272.21	14.
162.15	18.40	199.17	17.03	236.08	15.83	272.88	14.
162.82	18.38	199.84	17.01	236.75	15.81	273.55	14.
163.50	18.36	200.51	16.97	237.42	15.80	274.22	14.
164.17	18.37	201.19	16.94	238.09	15.77	274.88	14.
164.85	18.34	201.86	16.92	238.76	15.75	275.55	14.
165.52	18.34	202.53	16.85	239.43	15.72	276.22	14.
166.19	18.30	203.20	16.83	240.10	15.65	276.89	14.
166.87	18.28	203.87	16.79	240.77	15.61	277.56	14.
167.54	18.25	204.55	16.77	241.44	15.58	278.22	14.
168.22	18.22	205.22	16.77	242.11	15.56	278.89	14.
168.89	18.18	205.89	16.73	242.78	15.53	279.56	14.
169.56	18.18	206.56	16.73	243.45	15.51	280.23	14.
170.24	18.16	207.23	16.71	244.12	15.51	280.90	14.
170.91	18.16	207.90	16.68	244.79	15.51	281.56	14.
171.58	18.14	208.58	16.67	245.46	15.50	282.23	14.
172.26	18.13	209.25	16.63	246.13	15.50	282.90	14.
172.93	18.09	209.92	16.61	246.80	15.48	283.57	14.
173.60	18.08	210.59	16.59	247.47	15.47	284.23	14.
174.28	18.07	211.26	16.57	248.14	15.46	284.90	14.

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	14.33	322.22	13.05	358.76	12.09	395.19	11.06
286.24	14.28	322.89	13.03	359.43	12.08	395.86	11.05
286.90	14.22	323.55	12.99	360.09	12.06	396.52	11.03
287.57	14.19	324.22	12.99	360.75	12.02	397.18	11.02
288.24	14.18	324.88	12.98	361.42	12.00	397.84	11.01
288.90	14.16	325.55	12.96	362.08	11.99	398.50	11.00
289.57	14.15	326.21	12.94	362.74	11.96	399.16	10.99
290.24	14.12	326.88	12.92	363.40	11.94	399.82	10.99
290.91	14.08	327.54	12.90	364.07	11.94	400.48	10.97
291.57	14.02	328.21	12.88	364.73	11.95	401.14	10.95
292.24	13.99	328.87	12.87	365.39	11.93	401.81	10.93
292.91	13.96	329.54	12.85	366.06	11.94	402.47	10.91
293.57	13.94	330.20	12.84	366.72	11.92	403.13	10.90
294.24	13.93	330.87	12.82	367.38	11.90	403.79	10.91
294.91	13.90	331.53	12.80	368.05	11.88	404.45	10.89
295.57	13.90	332.20	12.79	368.71	11.86	405.11	10.88
296.24	13.86	332.86	12.77	369.37	11.84	405.77	10.86
296.91	13.84	333.53	12.76	370.03	11.84	406.43	10.84
297.58	13.81	334.19	12.75	370.70	11.84	407.09	10.83
298.24	13.78	334.86	12.73	371.36	11.80	407.75	10.81
298.91	13.73	335.52	12.73	372.02	11.78	408.41	10.79
299.58	13.70	336.19	12.71	372.69	11.75	409.08	10.77
300.24	13.68	336.85	12.69	373.35	11.73	409.74	10.75
300.91	13.64	337.51	12.68	374.01	11.71	410.40	10.74
301.58	13.63	338.18	12.65	374.67	11.67	411.06	10.73
302.24	13.63	338.84	12.63	375.34	11.63	411.72	10.73
302.91	13.62	339.51	12.59	376.00	11.61	412.38	10.73
303.57	13.59	340.17	12.57	376.66	11.59	413.04	10.71
304.24	13.57	340.84	12.57	377.32	11.58	413.70	10.66
304.91	13.56	341.50	12.56	377.99	11.56	414.36	10.62
305.57	13.54	342.17	12.56	378.65	11.53	415.02	10.60
306.24	13.52	342.83	12.52	379.31	11.50	415.68	10.59
306.91	13.49	343.49	12.50	379.97	11.48	416.34	10.58
307.57	13.44	344.16	12.47	380.63	11.44	417.00	10.57
308.24	13.42	344.82	12.44	381.30	11.42	417.66	10.55
308.90	13.41	345.49	12.41	381.96	11.42	418.32	10.53
309.57	13.40	346.15	12.41	382.62	11.40	418.98	10.51
310.24	13.38	346.81	12.41	383.28	11.36	419.64	10.50
310.90	13.36	347.48	12.39	383.94	11.34	420.30	10.49
311.57	13.36	348.14	12.38	384.61	11.34	420.96	10.48
312.23	13.33	348.81	12.36	385.27	11.32	421.62	10.49
312.90	13.31	349.47	12.34	385.93	11.31	422.28	10.47
313.57	13.28	350.13	12.31	386.59	11.29	422.94	10.45
314.23	13.26	350.80	12.29	387.25	11.28	423.60	10.45
314.90	13.25	351.46	12.26	387.92	11.27	424.26	10.45
315.56	13.23	352.13	12.24	388.58	11.24	424.92	10.42
316.23	13.21	352.79	12.22	389.24	11.24	425.58	10.40
316.90	13.21	353.45	12.19	389.90	11.23	426.24	10.38
317.56	13.20	354.12	12.19	390.56	11.20	426.90	10.36
318.23	13.17	354.78	12.17	391.22	11.17	427.56	10.34
318.89	13.16	355.44	12.16	391.89	11.14	428.22	10.33
319.56	13.13	356.11	12.15	392.55	11.11	428.88	10.34
320.22	13.12	356.77	12.14	393.21	11.09	429.54	10.33
320.89	13.10	357.44	12.11	393.87	11.09	430.20	10.31
321.55	13.07	358.10	12.10	394.53	11.07	430.86	10.31
322.22	13.05	358.76	12.09	395.19	11.06	431.52	10.29

Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
432.18	10.28	468.38	9.69	504.48	9.05	540.47	8.6
432.83	10.28	469.04	9.68	505.14	9.06	541.13	8.6
433.49	10.26	469.70	9.68	505.79	9.04	541.78	8.6
434.15	10.24	470.36	9.67	506.45	9.02	542.43	8.6
434.81	10.23	471.01	9.65	507.11	9.04	543.09	8.6
435.47	10.22	471.67	9.64	507.76	9.03	543.74	8.5
436.13	10.21	472.33	9.62	508.42	9.01	544.39	8.5
436.79	10.22	472.99	9.60	509.07	9.02	545.05	8.5
437.45	10.20	473.64	9.58	509.73	8.99	545.70	8.5
438.11	10.18	474.30	9.58	510.38	8.97	546.35	8.5
438.77	10.18	474.96	9.56	511.04	8.96	547.01	8.5
439.43	10.17	475.61	9.57	511.69	8.95	547.66	8.5
440.08	10.16	476.27	9.56	512.35	8.94	548.31	8.5
440.74	10.14	476.93	9.56	513.00	8.94	548.96	8.4
441.40	10.12	477.58	9.54	513.66	8.93	549.62	8.4
442.06	10.11	478.24	9.54	514.31	8.92	550.27	8.4
442.72	10.09	478.90	9.54	514.97	8.91	550.92	8.4
443.38	10.07	479.55	9.53	515.62	8.90	551.58	8.4
444.04	10.05	480.21	9.53	516.27	8.90	552.23	8.4
444.70	10.05	480.87	9.51	516.93	8.87	552.88	8.4
445.35	10.04	481.52	9.51	517.58	8.88	553.53	8.4
446.01	10.02	482.18	9.51	518.24	8.87	554.19	8.4
446.67	10.00	482.84	9.50	518.89	8.87	554.84	8.4
447.33	10.00	483.49	9.50	519.55	8.87	555.49	8.4
447.99	10.01	484.15	9.50	520.20	8.87	556.14	8.4
448.65	10.00	484.81	9.48	520.86	8.86	556.80	8.4
449.31	9.99	485.46	9.47	521.51	8.85	557.45	8.3
449.96	9.98	486.12	9.46	522.17	8.85	558.10	8.3
450.62	9.97	486.78	9.45	522.82	8.84	558.75	8.3
451.28	9.97	487.43	9.42	523.47	8.84	559.41	8.3
451.94	9.94	488.09	9.40	524.13	8.83	560.06	8.3
452.60	9.95	488.75	9.39	524.78	8.82	560.71	8.3
453.26	9.93	489.40	9.36	525.44	8.82	561.36	8.3
453.91	9.93	490.06	9.35	526.09	8.81	562.01	8.3
454.57	9.92	490.71	9.34	526.75	8.80	562.67	8.3
455.23	9.92	491.37	9.30	527.40	8.81	563.32	8.3
455.89	9.90	492.03	9.30	528.05	8.80	563.97	8.3
456.55	9.89	492.68	9.26	528.71	8.80	564.62	8.2
457.20	9.88	493.34	9.26	529.36	8.79	565.27	8.2
457.86	9.85	493.99	9.25	530.02	8.77	565.93	8.2
458.52	9.84	494.65	9.24	530.67	8.77	566.58	8.2
459.18	9.83	495.31	9.21	531.32	8.76	567.23	8.2
459.84	9.81	495.96	9.21	531.98	8.74	567.88	8.2
460.49	9.81	496.62	9.20	532.63	8.73	568.53	8.2
461.15	9.81	497.27	9.20	533.28	8.72	569.19	8.2
461.81	9.80	497.93	9.19	533.94	8.71	569.84	8.2
462.47	9.80	498.58	9.18	534.59	8.72	570.49	8.2
463.12	9.80	499.24	9.16	535.25	8.71	571.14	8.2
463.78	9.79	499.90	9.15	535.90	8.71	571.79	8.2
464.44	9.77	500.55	9.15	536.55	8.69	572.44	8.2
465.10	9.76	501.21	9.11	537.21	8.69	573.10	8.2
465.75	9.73	501.86	9.11	537.86	8.68	573.75	8.1
466.41	9.72	502.52	9.09	538.51	8.67	574.40	8.1
467.07	9.71	503.17	9.09	539.17	8.66	575.05	8.1
467.73	9.70	503.83	9.06	539.82	8.65	575.70	8.1
468.38	9.69	504.48	9.05	540.47	8.64	576.35	8.1

## MK9 Post Trace Analysis Application

C:\XBTDATA\T-5#8.SIP

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	8.16	612.77	7.76	648.43	7.46	683.98	7.32
577.66	8.15	613.42	7.75	649.08	7.45	684.62	7.31
578.31	8.15	614.07	7.74	649.72	7.45	685.27	7.30
578.96	8.14	614.72	7.75	650.37	7.46	685.91	7.29
579.61	8.12	615.37	7.73	651.02	7.45	686.56	7.29
580.26	8.12	616.02	7.73	651.66	7.44	687.20	7.28
580.91	8.11	616.67	7.73	652.31	7.44	687.85	7.30
581.56	8.11	617.32	7.72	652.96	7.43	688.49	7.28
582.21	8.10	617.96	7.74	653.61	7.44	689.14	7.28
582.86	8.08	618.61	7.73	654.25	7.43	689.78	7.27
583.52	8.09	619.26	7.73	654.90	7.44	690.43	7.28
584.17	8.08	619.91	7.73	655.55	7.42	691.07	7.25
584.82	8.06	620.56	7.72	656.19	7.42	691.72	7.24
585.47	8.07	621.21	7.71	656.84	7.42	692.36	7.24
586.12	8.07	621.86	7.71	657.49	7.42	693.01	7.25
586.77	8.05	622.51	7.70	658.13	7.42	693.65	7.23
587.42	8.03	623.16	7.69	658.78	7.42	694.30	7.23
588.07	8.03	623.80	7.69	659.43	7.42	694.94	7.22
588.72	8.01	624.45	7.68	660.07	7.42	695.59	7.21
589.37	8.01	625.10	7.67	660.72	7.41	696.23	7.19
590.02	7.99	625.75	7.69	661.37	7.41	696.87	7.18
590.67	7.98	626.40	7.67	662.01	7.41	697.52	7.17
591.32	7.97	627.05	7.64	662.66	7.42	698.16	7.17
591.97	7.98	627.70	7.63	663.31	7.40	698.81	7.17
592.63	7.95	628.34	7.60	663.95	7.41	699.45	7.17
593.28	7.95	628.99	7.60	664.60	7.41	700.10	7.14
593.93	7.93	629.64	7.59	665.25	7.41	700.74	7.14
594.58	7.92	630.29	7.58	665.89	7.41	701.39	7.14
595.23	7.91	630.94	7.59	666.54	7.39	702.03	7.14
595.88	7.91	631.59	7.58	667.19	7.39	702.67	7.13
596.53	7.91	632.23	7.55	667.83	7.38	703.32	7.14
597.18	7.90	632.88	7.55	668.48	7.39	703.96	7.11
597.83	7.89	633.53	7.53	669.12	7.38	704.61	7.12
598.48	7.87	634.18	7.52	669.77	7.40	705.25	7.10
599.13	7.87	634.83	7.53	670.42	7.39	705.90	7.11
599.78	7.88	635.48	7.52	671.06	7.38	706.54	7.09
600.43	7.87	636.12	7.51	671.71	7.39	707.18	7.09
601.08	7.87	636.77	7.50	672.35	7.38	707.83	7.10
601.73	7.86	637.42	7.51	673.00	7.38	708.47	7.09
602.38	7.85	638.07	7.51	673.65	7.38	709.11	7.10
603.03	7.83	638.71	7.51	674.29	7.37	709.76	7.07
603.68	7.83	639.36	7.50	674.94	7.37	710.40	7.07
604.33	7.81	640.01	7.50	675.58	7.36	711.05	7.06
604.98	7.81	640.66	7.50	676.23	7.35	711.69	7.07
605.63	7.81	641.31	7.50	676.88	7.36	712.33	7.05
606.28	7.81	641.95	7.50	677.52	7.35	712.98	7.04
606.93	7.81	642.60	7.49	678.17	7.34	713.62	7.03
607.58	7.80	643.25	7.49	678.81	7.36	714.26	7.03
608.23	7.80	643.90	7.49	679.46	7.35	714.91	7.01
608.88	7.81	644.54	7.48	680.10	7.35	715.55	7.01
609.52	7.80	645.19	7.49	680.75	7.33	716.20	7.01
610.17	7.79	645.84	7.48	681.39	7.35	716.84	6.99
610.82	7.78	646.49	7.47	682.04	7.34	717.48	6.97
611.47	7.78	647.13	7.47	682.68	7.32	718.13	6.98
612.12	7.78	647.78	7.46	683.33	7.32	718.77	6.97
612.77	7.76	648.43	7.46	683.98	7.32	719.41	6.95

Cruise: 91602  
 Date: 03-04-1991  
 Time: 14:03:53 GMT  
 Lat: 25 00.00 N  
 Lon: 92 45.00 W  
 Stn. 18

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	23.47	68.78	23.48	102.69	23.46
		35.46	23.46	69.46	23.48	103.37	23.47
2.05	<del>23.49</del>	36.14	23.44	70.14	23.47	104.04	23.45
2.73	23.40	36.82	23.46	70.81	23.46	104.72	23.44
3.41	23.42	37.50	23.44	71.49	23.46	105.40	23.46
4.10	23.43	38.18	23.46	72.17	23.44	106.07	23.45
4.78	23.42	38.86	23.47	72.85	23.47	106.75	23.45
5.46	23.46	39.54	23.46	73.53	23.48	107.43	23.43
6.14	23.49	40.22	23.46	74.21	23.48	108.11	23.37
6.83	23.49	40.90	23.44	74.89	23.48	108.78	23.11
7.51	23.50	41.58	23.45	75.57	23.48	109.46	22.85
8.19	23.54	42.26	23.45	76.25	23.48	110.14	22.67
8.87	23.53	42.94	23.44	76.93	23.47	110.81	22.60
9.56	23.54	43.62	23.44	77.60	23.48	111.49	22.54
10.24	23.54	44.31	23.44	78.28	23.49	112.17	22.50
10.92	23.53	44.99	23.43	78.96	23.46	112.84	22.44
11.60	23.53	45.67	23.43	79.64	23.47	113.52	22.25
12.28	23.53	46.35	23.44	80.32	23.48	114.20	21.85
12.97	23.52	47.03	23.45	81.00	23.48	114.87	21.74
13.65	23.52	47.71	23.46	81.67	23.46	115.55	21.67
14.33	23.51	48.39	23.45	82.35	23.47	116.23	21.60
15.01	23.50	49.07	23.45	83.03	23.47	116.90	21.56
15.69	23.48	49.75	23.43	83.71	23.46	117.58	21.52
16.38	23.51	50.43	23.42	84.39	23.49	118.26	21.51
17.06	23.46	51.11	23.44	85.07	23.49	118.93	21.49
17.74	23.48	51.79	23.44	85.74	23.49	119.61	21.49
18.42	23.49	52.47	23.45	86.42	23.48	120.29	21.49
19.10	23.50	53.15	23.45	87.10	23.45	120.96	21.49
19.79	23.49	53.83	23.45	87.78	23.47	121.64	21.47
20.47	23.46	54.51	23.45	88.46	23.48	122.31	21.48
21.15	23.47	55.19	23.44	89.13	23.48	122.99	21.47
21.83	23.47	55.87	23.43	89.81	23.48	123.67	21.49
22.51	23.46	56.55	23.44	90.49	23.48	124.34	21.47
23.19	23.46	57.23	23.47	91.17	23.47	125.02	21.45
23.88	23.46	57.91	23.45	91.85	23.46	125.70	21.45
24.56	23.47	58.59	23.44	92.52	23.48	126.37	21.48
25.24	23.45	59.27	23.44	93.20	23.47	127.05	21.46
25.92	23.46	59.95	23.44	93.88	23.46	127.72	21.46
26.60	23.44	60.63	23.44	94.56	23.47	128.40	21.46
27.28	23.44	61.30	23.45	95.24	23.46	129.07	21.41
27.96	23.43	61.98	23.44	95.91	23.47	129.75	21.41
28.65	23.45	62.66	23.42	96.59	23.47	130.43	21.39
29.33	23.44	63.34	23.44	97.27	23.45	131.10	21.38
30.01	23.46	64.02	23.45	97.95	23.47	131.78	21.33
30.69	23.45	64.70	23.44	98.62	23.47	132.45	21.25
31.37	23.45	65.38	23.44	99.30	23.47	133.13	21.24
32.05	23.46	66.06	23.47	99.98	23.45	133.81	21.23
32.73	23.46	66.74	23.49	100.66	23.46	134.48	21.22
33.41	23.46	67.42	23.48	101.33	23.47	135.16	21.22
34.09	23.45	68.10	23.48	102.01	23.47	135.83	21.20
34.78	23.47	68.78	23.48	102.69	23.46	136.51	21.16

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	21.11	174.28	18.95	211.26	17.16	248.14	15.0
137.86	21.08	174.95	18.90	211.93	17.10	248.81	15.0
138.53	21.06	175.62	18.89	212.60	17.01	249.48	15.0
139.21	21.06	176.30	18.87	213.28	16.95	250.14	15.0
139.88	21.06	176.97	18.86	213.95	16.91	250.81	15.0
140.56	21.05	177.64	18.83	214.62	16.89	251.48	15.0
141.23	21.06	178.32	18.81	215.29	16.86	252.15	15.0
141.91	21.06	178.99	18.77	215.96	16.83	252.82	15.0
142.59	21.06	179.66	18.76	216.63	16.81	253.49	15.0
143.26	21.07	180.34	18.71	217.30	16.80	254.16	15.0
143.94	21.06	181.01	18.67	217.97	16.79	254.83	15.0
144.61	21.04	181.68	18.63	218.65	16.75	255.50	15.0
145.29	21.00	182.36	18.61	219.32	16.73	256.17	15.0
145.96	20.93	183.03	18.61	219.99	16.71	256.84	15.0
146.64	20.89	183.70	18.58	220.66	16.68	257.50	15.0
147.31	20.84	184.38	18.53	221.33	16.65	258.17	15.0
147.99	20.83	185.05	18.49	222.00	16.60	258.84	15.0
148.66	20.79	185.72	18.48	222.67	16.61	259.51	15.0
149.34	20.74	186.39	18.41	223.34	16.60	260.18	15.0
150.01	20.71	187.07	18.35	224.01	16.59	260.85	15.0
150.68	20.69	187.74	18.32	224.68	16.57	261.52	15.0
151.36	20.65	188.41	18.30	225.35	16.55	262.19	15.0
152.03	20.61	189.08	18.27	226.02	16.54	262.86	15.0
152.71	20.55	189.76	18.19	226.70	16.49	263.52	15.0
153.38	20.47	190.43	18.12	227.37	16.45	264.19	15.0
154.06	20.35	191.10	18.07	228.04	16.42	264.86	15.0
154.73	20.23	191.77	18.04	228.71	16.39	265.53	15.0
155.41	20.13	192.45	18.00	229.38	16.34	266.20	15.0
156.08	20.09	193.12	18.00	230.05	16.30	266.87	15.0
156.76	20.05	193.79	17.96	230.72	16.28	267.53	15.0
157.43	20.01	194.46	17.86	231.39	16.26	268.20	15.0
158.10	19.99	195.14	17.82	232.06	16.24	268.87	15.0
158.78	19.90	195.81	17.78	232.73	16.23	269.54	15.0
159.45	19.83	196.48	17.73	233.40	16.19	270.21	15.0
160.13	19.79	197.15	17.69	234.07	16.21	270.88	15.0
160.80	19.75	197.83	17.65	234.74	16.20	271.54	14.0
161.48	19.70	198.50	17.63	235.41	16.18	272.21	14.0
162.15	19.68	199.17	17.61	236.08	16.15	272.88	14.0
162.82	19.64	199.84	17.61	236.75	16.15	273.55	14.0
163.50	19.58	200.51	17.61	237.42	16.13	274.22	14.0
164.17	19.58	201.19	17.59	238.09	16.13	274.88	14.0
164.85	19.58	201.86	17.57	238.76	16.09	275.55	14.0
165.52	19.57	202.53	17.53	239.43	16.07	276.22	14.0
166.19	19.58	203.20	17.51	240.10	16.02	276.89	14.0
166.87	19.56	203.87	17.43	240.77	15.99	277.56	14.0
167.54	19.56	204.55	17.38	241.44	15.97	278.22	14.0
168.22	19.51	205.22	17.37	242.11	15.94	278.89	14.0
168.89	19.39	205.89	17.35	242.78	15.90	279.56	14.0
169.56	19.31	206.56	17.33	243.45	15.89	280.23	14.0
170.24	19.26	207.23	17.31	244.12	15.85	280.90	14.0
170.91	19.17	207.90	17.27	244.79	15.81	281.56	14.0
171.58	19.11	208.58	17.23	245.46	15.80	282.23	14.0
172.26	19.08	209.25	17.22	246.13	15.74	282.90	14.0
172.93	19.01	209.92	17.21	246.80	15.74	283.57	14.0
173.60	19.00	210.59	17.18	247.47	15.69	284.23	14.0
174.28	18.95	211.26	17.16	248.14	15.66	284.90	14.0



## MK9 Post Trace Analysis Application

C:\XBTDAT\T-5#9.SIF

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	14.56	322.22	13.59	358.76	12.65	395.19	11.67
286.24	14.56	322.89	13.55	359.43	12.65	395.86	11.67
286.90	14.55	323.55	13.53	360.09	12.64	396.52	11.64
287.57	14.51	324.22	13.50	360.75	12.62	397.18	11.60
288.24	14.52	324.88	13.47	361.42	12.64	397.84	11.56
288.90	14.49	325.55	13.45	362.08	12.59	398.50	11.55
289.57	14.45	326.21	13.46	362.74	12.56	399.16	11.53
290.24	14.40	326.88	13.44	363.40	12.54	399.82	11.52
290.91	14.37	327.54	13.40	364.07	12.53	400.48	11.52
291.57	14.37	328.21	13.41	364.73	12.52	401.14	11.51
292.24	14.35	328.87	13.38	365.39	12.49	401.81	11.50
292.91	14.34	329.54	13.35	366.06	12.49	402.47	11.49
293.57	14.33	330.20	13.33	366.72	12.48	403.13	11.48
294.24	14.32	330.87	13.31	367.38	12.46	403.79	11.47
294.91	14.29	331.53	13.29	368.05	12.48	404.45	11.48
295.57	14.28	332.20	13.25	368.71	12.43	405.11	11.47
296.24	14.26	332.86	13.24	369.37	12.43	405.77	11.44
296.91	14.21	333.53	13.25	370.03	12.39	406.43	11.45
297.58	14.19	334.19	13.20	370.69	12.37	407.09	11.41
298.24	14.13	334.86	13.21	371.36	12.36	407.75	11.39
298.91	14.13	335.52	13.18	372.02	12.34	408.41	11.36
299.58	14.12	336.19	13.14	372.69	12.35	409.08	11.34
300.24	14.12	336.85	13.13	373.35	12.34	409.74	11.33
300.91	14.06	337.51	13.09	374.01	12.32	410.40	11.32
301.58	14.07	338.18	13.10	374.67	12.33	411.06	11.31
302.24	14.04	338.84	13.08	375.34	12.29	411.72	11.30
302.91	14.02	339.51	13.07	376.00	12.26	412.38	11.30
303.57	14.00	340.17	13.03	376.66	12.24	413.04	11.26
304.24	14.01	340.84	13.02	377.32	12.19	413.70	11.23
304.91	14.00	341.50	13.00	377.99	12.17	414.36	11.23
305.57	14.01	342.17	12.97	378.65	12.13	415.02	11.22
306.24	13.98	342.83	12.97	379.31	12.10	415.68	11.22
306.91	13.97	343.49	12.94	379.97	12.08	416.34	11.19
307.57	13.95	344.16	12.93	380.63	12.08	417.00	11.19
308.24	13.96	344.82	12.93	381.30	12.07	417.66	11.17
308.90	13.92	345.49	12.91	381.96	12.03	418.32	11.12
309.57	13.90	346.15	12.88	382.62	12.01	418.98	11.09
310.24	13.87	346.81	12.89	383.28	12.02	419.64	11.07
310.90	13.85	347.48	12.86	383.94	12.00	420.30	11.07
311.57	13.82	348.14	12.86	384.61	12.00	420.96	11.06
312.23	13.82	348.81	12.84	385.27	11.97	421.62	11.04
312.90	13.83	349.47	12.82	385.93	11.99	422.28	11.01
313.57	13.79	350.13	12.77	386.59	11.94	422.94	10.97
314.23	13.75	350.80	12.77	387.25	11.90	423.60	10.96
314.90	13.74	351.46	12.76	387.92	11.88	424.26	10.95
315.56	13.71	352.13	12.75	388.58	11.86	424.92	10.95
316.23	13.72	352.79	12.74	389.24	11.83	425.58	10.94
316.90	13.68	353.45	12.73	389.90	11.83	426.24	10.94
317.56	13.67	354.12	12.70	390.56	11.82	426.90	10.95
318.23	13.66	354.78	12.73	391.22	11.80	427.56	10.94
318.89	13.67	355.44	12.70	391.89	11.76	428.22	10.92
319.56	13.64	356.11	12.70	392.55	11.73	428.88	10.89
320.22	13.65	356.77	12.69	393.21	11.71	429.54	10.86
320.89	13.59	357.44	12.65	393.87	11.70	430.20	10.85
321.55	13.62	358.10	12.68	394.53	11.70	430.86	10.85
322.22	13.59	358.76	12.65	395.19	11.67	431.52	10.83

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	10.83	468.38	10.21	504.48	9.59	540.47	8.9
432.83	10.81	469.04	10.22	505.14	9.59	541.13	8.9
433.49	10.81	469.70	10.20	505.79	9.57	541.78	8.9
434.15	10.77	470.36	10.21	506.45	9.56	542.43	8.9
434.81	10.79	471.01	10.21	507.11	9.57	543.09	8.9
435.47	10.79	471.67	10.21	507.76	9.56	543.74	8.9
436.13	10.78	472.33	10.19	508.42	9.56	544.39	8.9
436.79	10.77	472.99	10.16	509.07	9.55	545.05	8.9
437.45	10.76	473.64	10.14	509.73	9.54	545.70	8.9
438.11	10.76	474.30	10.09	510.38	9.53	546.35	8.9
438.77	10.74	474.96	10.07	511.04	9.52	547.01	8.9
439.43	10.73	475.61	10.07	511.69	9.53	547.66	8.9
440.08	10.74	476.27	10.05	512.35	9.51	548.31	8.9
440.74	10.73	476.93	10.03	513.00	9.51	548.96	8.9
441.40	10.72	477.58	10.02	513.66	9.49	549.62	8.9
442.06	10.72	478.24	10.01	514.31	9.43	550.27	8.9
442.72	10.72	478.90	9.99	514.97	9.45	550.92	8.9
443.38	10.70	479.55	9.99	515.62	9.45	551.58	8.9
444.04	10.68	480.21	10.00	516.27	9.43	552.23	8.9
444.70	10.68	480.87	9.97	516.93	9.43	552.88	8.9
445.35	10.64	481.52	9.97	517.58	9.39	553.53	8.9
446.01	10.63	482.18	9.97	518.24	9.39	554.19	8.9
446.67	10.60	482.84	9.97	518.89	9.35	554.84	8.9
447.33	10.57	483.49	9.94	519.55	9.33	555.49	8.9
447.99	10.59	484.15	9.92	520.20	9.33	556.14	8.9
448.65	10.57	484.81	9.91	520.86	9.30	556.80	8.9
449.31	10.55	485.46	9.91	521.51	9.31	557.45	8.9
449.96	10.54	486.12	9.89	522.17	9.29	558.10	8.9
450.62	10.52	486.78	9.88	522.82	9.27	558.75	8.9
451.28	10.53	487.43	9.85	523.47	9.25	559.41	8.9
451.94	10.51	488.09	9.85	524.13	9.25	560.06	8.9
452.60	10.49	488.75	9.83	524.78	9.24	560.71	8.9
453.26	10.49	489.40	9.82	525.44	9.21	561.36	8.9
453.91	10.47	490.06	9.80	526.09	9.23	562.01	8.9
454.57	10.45	490.71	9.82	526.75	9.23	562.67	8.9
455.23	10.42	491.37	9.81	527.40	9.21	563.32	8.9
455.89	10.39	492.03	9.79	528.05	9.19	563.97	8.9
456.55	10.36	492.68	9.78	528.71	9.16	564.62	8.9
457.20	10.35	493.34	9.76	529.36	9.16	565.27	8.9
457.86	10.36	493.99	9.78	530.02	9.13	565.93	8.9
458.52	10.36	494.65	9.76	530.67	9.13	566.58	8.9
459.18	10.36	495.31	9.73	531.32	9.12	567.23	8.9
459.84	10.34	495.96	9.71	531.98	9.10	567.88	8.9
460.49	10.30	496.62	9.70	532.63	9.08	568.53	8.9
461.15	10.31	497.27	9.67	533.28	9.08	569.19	8.9
461.81	10.31	497.93	9.65	533.94	9.08	569.84	8.9
462.47	10.30	498.58	9.66	534.59	9.04	570.49	8.9
463.12	10.29	499.24	9.67	535.25	9.05	571.14	8.9
463.78	10.28	499.90	9.65	535.90	9.04	571.79	8.9
464.44	10.28	500.55	9.65	536.55	9.00	572.44	8.9
465.10	10.27	501.21	9.64	537.21	9.01	573.10	8.9
465.75	10.26	501.86	9.65	537.86	8.99	573.75	8.9
466.41	10.24	502.52	9.63	538.51	8.98	574.40	8.9
467.07	10.23	503.17	9.60	539.17	8.96	575.05	8.9
467.73	10.22	503.83	9.62	539.82	8.96	575.70	8.9
468.38	10.21	504.48	9.59	540.47	8.97	576.35	8.9

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	8.47	612.77	7.95	648.43	7.56	683.98	7.17
577.66	8.46	613.42	7.95	649.08	7.50	684.62	7.18
578.31	8.43	614.07	7.93	649.72	7.50	685.27	7.13
578.96	8.42	614.72	7.93	650.37	7.51	685.91	7.12
579.61	8.41	615.37	7.92	651.02	7.52	686.56	7.11
580.26	8.41	616.02	7.90	651.66	7.48	687.20	7.11
580.91	8.38	616.67	7.88	652.31	7.47	687.85	7.08
581.56	8.41	617.32	7.87	652.96	7.50	688.49	7.10
582.21	8.41	617.96	7.88	653.61	7.40	689.14	7.07
582.86	8.41	618.61	7.85	654.25	7.39	689.78	7.09
583.52	8.39	619.26	7.86	654.90	7.43	690.43	7.07
584.17	8.38	619.91	7.85	655.55	7.41	691.07	7.02
584.82	8.38	620.56	7.85	656.19	7.44	691.72	7.05
585.47	8.37	621.21	7.84	656.84	7.40	692.36	7.07
586.12	8.37	621.86	7.84	657.49	7.41	693.01	7.07
586.77	8.34	622.51	7.82	658.13	7.40	693.65	7.05
587.42	8.33	623.16	7.83	658.78	7.41	694.30	7.05
588.07	8.32	623.80	7.85	659.43	7.40	694.94	7.06
588.72	8.30	624.45	7.82	660.07	7.38	695.59	7.03
589.37	8.30	625.10	7.80	660.72	7.39	696.23	7.02
590.02	8.28	625.75	7.83	661.37	7.37	696.87	7.01
590.67	8.27	626.40	7.81	662.01	7.40	697.52	7.02
591.32	8.26	627.05	7.84	662.66	7.35	698.16	6.99
591.97	8.23	627.70	7.80	663.31	7.33	698.81	6.98
592.63	8.23	628.34	7.79	663.95	7.34	699.45	7.02
593.28	8.23	628.99	7.81	664.60	7.35	700.10	6.97
593.93	8.24	629.64	7.79	665.25	7.35	700.74	6.98
594.58	8.21	630.29	7.77	665.89	7.33	701.39	6.97
595.23	8.19	630.94	7.77	666.54	7.31	702.03	6.95
595.88	8.18	631.59	7.78	667.19	7.28	702.67	6.98
596.53	8.16	632.23	7.75	667.83	7.31	703.32	6.96
597.18	8.16	632.88	7.75	668.48	7.27	703.96	6.92
597.83	8.15	633.53	7.76	669.12	7.24	704.61	6.94
598.48	8.13	634.18	7.75	669.77	7.30	705.25	6.94
599.13	8.12	634.83	7.73	670.42	7.30	705.90	6.91
599.78	8.10	635.48	7.69	671.06	7.29	706.54	6.89
600.43	8.09	636.12	7.72	671.71	7.31	707.18	6.90
601.08	8.09	636.77	7.71	672.35	7.24	707.83	6.90
601.73	8.06	637.42	7.69	673.00	7.27	708.47	6.90
602.38	8.04	638.07	7.69	673.65	7.23	709.11	6.88
603.03	8.02	638.71	7.67	674.29	7.25	709.76	6.89
603.68	8.04	639.36	7.68	674.94	7.25	710.40	6.88
604.33	8.03	640.01	7.68	675.58	7.23	711.05	6.85
604.98	8.04	640.66	7.67	676.23	7.20	711.69	6.87
605.63	8.02	641.31	7.65	676.88	7.18	712.33	6.85
606.28	8.02	641.95	7.64	677.52	7.19	712.98	6.82
606.93	8.02	642.60	7.65	678.17	7.18	713.62	6.84
607.58	7.99	643.25	7.64	678.81	7.19	714.26	6.83
608.23	7.98	643.90	7.61	679.46	7.21	714.91	6.81
608.88	7.99	644.54	7.58	680.10	7.18	715.55	6.83
609.52	7.98	645.19	7.61	680.75	7.16	716.20	6.83
610.17	7.97	645.84	7.63	681.39	7.16	716.84	6.83
610.82	7.96	646.49	7.60	682.04	7.17	717.48	6.80
611.47	7.95	647.13	7.56	682.68	7.12	718.13	6.82
612.12	7.95	647.78	7.57	683.33	7.16	718.77	6.84
612.77	7.95	648.43	7.56	683.98	7.17	719.41	6.80

STATION SBE018.AUG:: CRUISE 91G02 DATE & TIME Mon Mar 04 15:01:34 1991, Julian day = 63  
 LAT 25 00.12 N LON 92 45.06 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
2.0	23.398	36.373	24.861	8.441	52.0	23.426	36.386	24.862	8.994	102.0	23.486	36.424	24.874	8.998
3.0	23.398	36.370	24.859	8.511	53.0	23.426	36.387	24.863	8.995	103.0	23.489	36.427	24.875	9.002
4.0	23.400	36.376	24.863	8.568	54.0	23.418	36.382	24.862	8.994	104.0	23.392	36.407	24.888	9.011
5.0	23.401	36.374	24.860	8.729	55.0	23.417	36.382	24.862	8.994	105.0	23.016	36.355	24.959	9.029
6.0	23.403	36.378	24.864	8.857	56.0	23.418	36.382	24.862	8.993	106.0	22.538	36.308	25.061	9.044
7.0	23.406	36.379	24.863	8.929	57.0	23.424	36.387	24.864	8.992	107.0	22.429	36.299	25.085	9.042
8.0	23.411	36.382	24.864	8.963	58.0	23.433	36.391	24.865	8.997	108.0	22.466	36.297	25.073	9.046
9.0	23.414	36.383	24.864	8.989	59.0	23.432	36.390	24.864	8.998	109.0	21.883	36.247	25.200	9.047
10.0	23.414	36.384	24.865	8.992	60.0	23.445	36.399	24.866	8.997	110.0	21.732	36.260	25.252	9.042
11.0	23.420	36.386	24.864	8.993	61.0	23.456	36.403	24.867	8.999	111.0	21.665	36.256	25.268	9.046
12.0	23.421	36.386	24.865	8.993	62.0	23.436	36.391	24.864	8.994	112.0	21.581	36.246	25.284	9.045
13.0	23.423	36.387	24.865	8.994	63.0	23.433	36.391	24.865	8.993	113.0	21.506	36.259	25.315	9.043
14.0	23.424	36.387	24.864	8.993	64.0	23.431	36.390	24.864	8.995	114.0	21.451	36.277	25.344	9.054
15.0	23.427	36.388	24.864	8.990	65.0	23.434	36.392	24.865	8.998	115.0	21.637	36.269	25.285	9.059
16.0	23.428	36.389	24.864	8.990	66.0	23.442	36.395	24.864	9.000	116.0	21.563	36.270	25.307	9.059
17.0	23.427	36.389	24.865	8.993	67.0	23.450	36.400	24.866	8.997	117.0	21.474	36.272	25.333	9.055
18.0	23.429	36.389	24.864	8.997	68.0	23.454	36.402	24.866	8.998	118.0	21.448	36.292	25.356	9.058
19.0	23.430	36.390	24.864	8.991	69.0	23.451	36.400	24.866	9.000	119.0	21.421	36.303	25.372	9.057
20.0	23.427	36.389	24.865	8.990	70.0	23.450	36.399	24.865	8.997	120.0	21.348	36.306	25.394	9.057
21.0	23.422	36.386	24.864	8.994	71.0	23.448	36.399	24.866	8.997	121.0	21.417	36.298	25.369	9.067
22.0	23.421	36.386	24.864	8.997	72.0	23.457	36.403	24.866	9.000	122.0	21.353	36.293	25.372	9.065
23.0	23.423	36.386	24.864	8.993	73.0	23.457	36.404	24.867	8.998	123.0	21.295	36.290	25.396	9.064
24.0	23.428	36.389	24.864	8.994	74.0	23.459	36.405	24.867	8.997	124.0	21.260	36.287	25.404	9.068
25.0	23.426	36.388	24.864	8.994	75.0	23.456	36.404	24.867	8.995	125.0	21.244	36.289	25.410	9.070
26.0	23.428	36.389	24.864	8.994	76.0	23.460	36.406	24.868	8.995	126.0	21.248	36.292	25.412	9.070
27.0	23.421	36.386	24.864	8.993	77.0	23.462	36.408	24.868	8.991	127.0	21.244	36.300	25.419	9.070
28.0	23.420	36.385	24.864	8.994	78.0	23.463	36.407	24.868	8.993	128.0	21.225	36.307	25.429	9.071
29.0	23.415	36.382	24.863	8.994	79.0	23.460	36.405	24.867	8.999	129.0	21.172	36.309	25.445	9.070
30.0	23.415	36.382	24.863	8.991	80.0	23.461	36.407	24.868	9.001	130.0	21.071	36.329	25.488	9.068
31.0	23.416	36.382	24.863	8.992	81.0	23.462	36.408	24.868	8.996	131.0	21.056	36.335	25.497	9.065
32.0	23.420	36.384	24.863	8.991	82.0	23.463	36.408	24.869	8.997	132.0	21.057	36.338	25.499	9.064
33.0	23.421	36.384	24.863	8.994	83.0	23.464	36.410	24.870	9.000	133.0	21.056	36.351	25.509	9.065
34.0	23.421	36.384	24.863	8.991	84.0	23.468	36.412	24.870	8.998	134.0	21.063	36.361	25.515	9.068
35.0	23.420	36.384	24.863	8.992	85.0	23.467	36.411	24.869	9.000	135.0	21.050	36.384	25.536	9.069
36.0	23.418	36.383	24.863	8.994	86.0	23.468	36.411	24.870	9.001	136.0	20.963	36.388	25.563	9.068
37.0	23.418	36.382	24.862	8.991	87.0	23.469	36.412	24.870	8.992	137.0	20.850	36.420	25.617	9.071
38.0	23.420	36.383	24.862	8.987	88.0	23.470	36.413	24.870	8.991	138.0	20.813	36.440	25.644	9.074
39.0	23.419	36.383	24.862	8.985	89.0	23.471	36.413	24.870	8.998	139.0	20.750	36.471	25.684	9.074
40.0	23.420	36.385	24.863	8.987	90.0	23.471	36.413	24.870	9.002	140.0	20.723	36.481	25.699	9.075
41.0	23.419	36.384	24.863	8.986	91.0	23.471	36.414	24.871	8.999	141.0	20.707	36.480	25.702	9.073
42.0	23.418	36.383	24.863	8.994	92.0	23.472	36.415	24.871	8.996	142.0	20.644	36.482	25.721	9.079
43.0	23.417	36.382	24.863	8.994	93.0	23.475	36.418	24.872	8.995	143.0	20.527	36.485	25.755	9.081
44.0	23.419	36.383	24.863	8.994	94.0	23.476	36.418	24.872	8.995	144.0	20.445	36.484	25.777	9.078
45.0	23.419	36.383	24.863	8.992	95.0	23.476	36.419	24.873	9.001	145.0	20.311	36.484	25.813	9.078
46.0	23.420	36.383	24.862	8.988	96.0	23.477	36.419	24.873	9.001	146.0	20.166	36.491	25.857	9.079
47.0	23.417	36.382	24.862	8.993	97.0	23.477	36.419	24.872	9.003	147.0	20.068	36.498	25.888	9.078
48.0	23.417	36.381	24.862	8.994	98.0	23.481	36.422	24.873	8.999	148.0	20.019	36.503	25.905	9.078
49.0	23.420	36.384	24.863	8.995	99.0	23.482	36.421	24.873	8.997	149.0	19.967	36.507	25.922	9.080
50.0	23.423	36.385	24.863	8.996	100.0	23.482	36.421	24.873	8.997	150.0	19.859	36.496	25.942	9.077
51.0	23.424	36.385	24.863	8.998	101.0	23.482	36.422	24.873	8.998	151.0	19.759	36.508	25.978	9.075

*data are suspect*

STATION SBE018.AUG: CRUISE 91G02 DATE & TIME Mon Mar 04 15:01:34 1991, Julian day = 63  
 LAT 25 00.12 N LON 92 45.06 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
152.0	19.711	36.505	25.988	9.072	202.0	17.173	36.292	26.466	0.000	252.0	15.458	36.041	26.673	0.000
153.0	19.662	36.505	26.000	9.069	203.0	17.126	36.286	26.472	0.000	253.0	15.455	36.038	26.672	0.000
154.0	19.595	36.500	26.015	9.069	204.0	17.037	36.274	26.485	0.000	254.0	15.367	36.020	26.678	0.000
155.0	19.520	36.539	26.064	9.071	205.0	16.934	36.262	26.500	0.000	255.0	15.257	36.007	26.692	0.000
156.0	19.582	36.548	26.055	9.083	206.0	16.866	36.252	26.509	0.000	256.0	15.192	35.997	26.699	0.000
157.0	19.608	36.533	26.037	9.082	207.0	16.826	36.246	26.514	0.000	257.0	15.155	35.992	26.704	0.000
158.0	19.553	36.568	26.078	9.090	208.0	16.793	36.242	26.518	0.000	258.0	15.162	35.990	26.700	0.000
159.0	19.520	36.572	26.089	9.093	209.0	16.767	36.238	26.522	0.000	259.0	15.188	35.994	26.698	0.000
160.0	19.450	36.559	26.098	9.092	210.0	16.748	36.235	26.524	0.000	260.0	15.120	35.983	26.705	0.000
161.0	19.298	36.534	26.118	9.089	211.0	16.713	36.231	26.529	0.000	261.0	15.063	35.977	26.712	0.000
162.0	19.256	36.526	26.123	9.087	212.0	16.700	36.232	26.533	0.000	262.0	15.048	35.976	26.714	0.000
163.0	19.164	36.511	26.136	9.087	213.0	16.625	36.215	26.538	0.000	263.0	15.029	35.971	26.716	0.000
164.0	19.095	36.502	26.147	9.085	214.0	16.587	36.211	26.544	0.000	264.0	14.998	35.967	26.719	0.000
165.0	19.037	36.499	26.159	9.090	215.0	16.581	36.210	26.544	0.000	265.0	14.959	35.960	26.722	0.000
166.0	18.970	36.491	26.170	9.088	216.0	16.579	36.209	26.544	0.000	266.0	14.948	35.965	26.729	0.000
167.0	18.886	36.491	26.192	9.083	217.0	16.533	36.199	26.547	0.000	267.0	14.903	35.946	26.724	0.000
168.0	18.864	36.492	26.198	9.083	218.0	16.487	36.196	26.556	0.000	268.0	14.834	35.936	26.731	0.000
169.0	18.854	36.492	26.200	9.083	219.0	16.435	36.187	26.561	0.000	269.0	14.795	35.934	26.739	0.000
170.0	18.835	36.490	26.204	9.082	220.0	16.400	36.186	26.568	0.000	270.0	14.769	35.929	26.740	0.000
171.0	18.793	36.489	26.214	9.081	221.0	16.368	36.179	26.570	0.000	271.0	14.747	35.925	26.742	0.000
172.0	18.721	36.483	26.228	9.078	222.0	16.295	36.167	26.578	0.000	272.0	14.725	35.922	26.745	0.000
173.0	18.670	36.482	26.240	9.088	223.0	16.253	36.165	26.586	0.000	273.0	14.713	35.921	26.747	0.000
174.0	18.600	36.471	26.250	9.087	224.0	16.223	36.159	26.589	0.000	274.0	14.732	35.924	26.745	0.000
175.0	18.598	36.471	26.250	9.087	225.0	16.204	36.157	26.591	0.000	275.0	14.700	35.916	26.745	0.000
176.0	18.544	36.466	26.260	9.084	226.0	16.183	36.153	26.593	0.000	276.0	14.642	35.908	26.752	0.000
177.0	18.518	36.463	26.264	9.083	227.0	16.167	36.151	26.595	0.000	277.0	14.597	35.900	26.756	0.000
178.0	18.468	36.458	26.272	9.086	228.0	16.192	36.157	26.594	0.000	278.0	14.554	35.895	26.761	0.000
179.0	18.416	36.451	26.281	9.090	229.0	16.115	36.141	26.600	0.000	279.0	14.520	35.888	26.763	0.000
180.0	18.325	36.440	26.295	9.082	230.0	16.086	36.140	26.606	0.000	280.0	14.466	35.880	26.768	0.000
181.0	18.298	36.436	26.299	9.080	231.0	16.072	36.137	26.607	0.000	281.0	14.426	35.876	26.774	0.000
182.0	18.236	36.426	26.307	9.085	232.0	16.058	36.134	26.608	0.000	282.0	14.399	35.870	26.775	0.000
183.0	18.108	36.414	26.330	9.086	233.0	16.011	36.126	26.613	0.000	283.0	14.386	35.871	26.779	0.000
184.0	18.049	36.412	26.343	9.095	234.0	15.987	36.128	26.619	0.000	284.0	14.376	35.868	26.779	0.000
185.0	18.048	36.412	26.344	9.095	235.0	15.961	36.116	26.616	0.000	285.0	14.361	35.864	26.779	0.000
186.0	17.864	36.384	26.368	9.088	236.0	15.807	36.097	26.637	0.000	286.0	14.334	35.857	26.779	0.000
187.0	17.766	36.376	26.385	9.086	237.0	15.772	36.092	26.641	0.000	287.0	14.281	35.852	26.787	0.000
188.0	17.716	36.369	26.393	9.082	238.0	15.733	36.085	26.645	0.000	288.0	14.256	35.849	26.789	0.000
189.0	17.675	36.364	26.399	9.084	239.0	15.687	36.078	26.650	0.000	289.0	14.226	35.846	26.794	0.000
190.0	17.652	36.361	26.402	9.083	240.0	15.691	36.079	26.650	0.000	290.0	14.243	35.843	26.788	0.000
191.0	17.614	36.356	26.408	9.086	241.0	15.644	36.071	26.654	0.000	291.0	14.204	35.841	26.795	0.000
192.0	17.605	36.355	26.409	9.097	242.0	15.608	36.065	26.658	0.000	292.0	14.149	35.829	26.797	0.000
193.0	17.576	36.348	26.411	9.098	243.0	15.599	36.063	26.659	0.000	293.0	14.073	35.820	26.806	0.000
194.0	17.543	36.343	26.415	9.099	244.0	15.593	36.064	26.660	0.000	294.0	14.028	35.814	26.812	0.000
195.0	17.487	36.332	26.420	9.099	245.0	15.591	36.063	26.660	0.000	295.0	14.008	35.811	26.813	0.000
196.0	17.413	36.321	26.430	9.099	246.0	15.605	36.063	26.657	0.000	296.0	14.004	35.809	26.813	0.000
197.0	17.347	36.316	26.442	9.100	247.0	15.577	36.058	26.659	0.000	297.0	13.990	35.806	26.813	0.000
198.0	17.325	36.312	26.444	9.098	248.0	15.555	36.055	26.663	0.000	298.0	13.956	35.800	26.816	0.000
199.0	17.294	36.306	26.447	9.098	249.0	15.547	36.054	26.664	0.000	299.0	13.974	35.800	26.812	0.000
200.0	17.253	36.301	26.453	9.098	250.0	15.526	36.050	26.665	0.000	300.0	13.921	35.795	26.819	0.000
201.0	17.206	36.298	26.463	0.000	251.0	15.480	36.042	26.669	0.000	301.0	13.919	35.795	26.820	0.000

STATION SBE018.AVG: CRUISE 91G02 DATE & TIME Mon Mar 04 15:01:34 1991, Julian day = 63  
LAT 25 00.12 N LON 92 45.06 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
302.0	13.909	35.794	26.821	0.000	352.0	12.571	35.586	26.933	0.000	402.0	11.253	35.387	27.031	0.000
303.0	13.895	35.790	26.821	0.000	353.0	12.556	35.584	26.935	0.000	403.0	11.210	35.380	27.034	0.000
304.0	13.849	35.783	26.825	0.000	354.0	12.554	35.581	26.933	0.000	404.0	11.167	35.374	27.037	0.000
305.0	13.794	35.776	26.832	0.000	355.0	12.552	35.583	26.935	0.000	405.0	11.132	35.370	27.041	0.000
306.0	13.872	35.787	26.823	0.000	356.0	12.544	35.580	26.934	0.000	406.0	11.111	35.369	27.043	0.000
307.0	13.851	35.781	26.823	0.000	357.0	12.499	35.573	26.938	0.000	407.0	11.088	35.361	27.042	0.000
308.0	13.745	35.767	26.835	0.000	358.0	12.469	35.570	26.941	0.000	408.0	11.068	35.360	27.044	0.000
309.0	13.719	35.765	26.838	0.000	359.0	12.438	35.564	26.943	0.000	409.0	11.063	35.359	27.044	0.000
310.0	13.660	35.754	26.842	0.000	360.0	12.395	35.559	26.947	0.000	410.0	11.049	35.358	27.046	0.000
311.0	13.610	35.747	26.847	0.000	361.0	12.377	35.557	26.949	0.000	411.0	11.045	35.357	27.046	0.000
312.0	13.587	35.747	26.853	0.000	362.0	12.367	35.554	26.949	0.000	412.0	11.043	35.356	27.046	0.000
313.0	13.599	35.739	26.844	0.000	363.0	12.344	35.551	26.951	0.000	413.0	11.027	35.352	27.045	0.000
314.0	13.504	35.733	26.859	0.000	364.0	12.331	35.548	26.951	0.000	414.0	11.001	35.350	27.049	0.000
315.0	13.489	35.730	26.859	0.000	365.0	12.307	35.544	26.953	0.000	415.0	10.996	35.347	27.047	0.000
316.0	13.466	35.726	26.861	0.000	366.0	12.281	35.542	26.957	0.000	416.0	10.956	35.343	27.051	0.000
317.0	13.447	35.723	26.862	0.000	367.0	12.301	35.538	26.949	0.000	417.0	10.934	35.340	27.053	0.000
318.0	13.426	35.719	26.864	0.000	368.0	12.184	35.523	26.961	0.000	418.0	10.905	35.336	27.055	0.000
319.0	13.412	35.715	26.864	0.000	369.0	12.122	35.519	26.970	0.000	419.0	10.859	35.333	27.061	0.000
320.0	13.370	35.709	26.868	0.000	370.0	12.106	35.516	26.970	0.000	420.0	10.839	35.331	27.063	0.000
321.0	13.338	35.706	26.872	0.000	371.0	12.067	35.508	26.971	0.000	421.0	10.826	35.329	27.064	0.000
322.0	13.319	35.703	26.874	0.000	372.0	12.006	35.500	26.977	0.000	422.0	10.815	35.328	27.065	0.000
323.0	13.302	35.700	26.875	0.000	373.0	11.953	35.490	26.980	0.000	423.0	10.800	35.325	27.066	0.000
324.0	13.299	35.696	26.872	0.000	374.0	11.934	35.489	26.982	0.000	424.0	10.789	35.322	27.065	0.000
325.0	13.240	35.689	26.879	0.000	375.0	11.912	35.484	26.983	0.000	425.0	10.786	35.323	27.066	0.000
326.0	13.213	35.686	26.882	0.000	376.0	11.890	35.482	26.985	0.000	426.0	10.777	35.321	27.066	0.000
327.0	13.193	35.681	26.882	0.000	377.0	11.855	35.476	26.987	0.000	427.0	10.746	35.316	27.068	0.000
328.0	13.160	35.678	26.886	0.000	378.0	11.902	35.479	26.981	0.000	428.0	10.719	35.313	27.071	0.000
329.0	13.140	35.675	26.889	0.000	379.0	11.865	35.475	26.984	0.000	429.0	10.694	35.310	27.073	0.000
330.0	13.132	35.674	26.889	0.000	380.0	11.773	35.465	26.994	0.000	430.0	10.670	35.307	27.075	0.000
331.0	13.112	35.673	26.893	0.000	381.0	11.748	35.461	26.996	0.000	431.0	10.640	35.304	27.078	0.000
332.0	13.060	35.659	26.892	0.000	382.0	11.713	35.454	26.998	0.000	432.0	10.622	35.302	27.079	0.000
333.0	13.031	35.657	26.897	0.000	383.0	11.684	35.451	27.000	0.000	433.0	10.615	35.301	27.080	0.000
334.0	12.986	35.651	26.901	0.000	384.0	11.653	35.446	27.003	0.000	434.0	10.606	35.298	27.079	0.000
335.0	12.950	35.648	26.906	0.000	385.0	11.668	35.445	26.999	0.000	435.0	10.576	35.295	27.082	0.000
336.0	13.003	35.657	26.902	0.000	386.0	11.651	35.444	27.002	0.000	436.0	10.560	35.293	27.083	0.000
337.0	13.002	35.645	26.893	0.000	387.0	11.591	35.437	27.007	0.000	437.0	10.546	35.290	27.084	0.000
338.0	12.924	35.639	26.904	0.000	388.0	11.580	35.435	27.008	0.000	438.0	10.531	35.288	27.084	0.000
339.0	12.880	35.633	26.909	0.000	389.0	11.562	35.432	27.009	0.000	439.0	10.510	35.286	27.087	0.000
340.0	12.851	35.629	26.911	0.000	390.0	11.552	35.431	27.010	0.000	440.0	10.497	35.283	27.087	0.000
341.0	12.796	35.620	26.915	0.000	391.0	11.531	35.426	27.010	0.000	441.0	10.486	35.281	27.087	0.000
342.0	12.777	35.620	26.919	0.000	392.0	11.494	35.423	27.014	0.000	442.0	10.476	35.279	27.088	0.000
343.0	12.761	35.616	26.919	0.000	393.0	11.456	35.417	27.017	0.000	443.0	10.436	35.273	27.090	0.000
344.0	12.751	35.611	26.917	0.000	394.0	11.501	35.418	27.009	0.000	444.0	10.415	35.272	27.092	0.000
345.0	12.736	35.611	26.920	0.000	395.0	11.428	35.409	27.016	0.000	445.0	10.405	35.269	27.093	0.000
346.0	12.726	35.609	26.920	0.000	396.0	11.380	35.404	27.021	0.000	446.0	10.446	35.274	27.088	0.000
347.0	12.717	35.607	26.921	0.000	397.0	11.354	35.401	27.023	0.000	447.0	10.405	35.266	27.090	0.000
348.0	12.700	35.604	26.922	0.000	398.0	11.333	35.398	27.025	0.000	448.0	10.357	35.263	27.096	0.000
349.0	12.683	35.602	26.923	0.000	399.0	11.303	35.395	27.028	0.000	449.0	10.347	35.260	27.095	0.000
350.0	12.652	35.597	26.926	0.000	400.0	11.293	35.393	27.029	0.000	450.0	10.333	35.257	27.096	0.000
351.0	12.616	35.591	26.928	0.000	401.0	11.276	35.389	27.029	0.000	451.0	10.308	35.255	27.099	0.000

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DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
452.0	10.287	35.252	27.100	0.000	502.0	9.443	35.136	27.153	0.000	552.0	8.623	35.042	27.211	0.000
453.0	10.247	35.246	27.102	0.000	503.0	9.421	35.135	27.156	0.000	553.0	8.608	35.041	27.213	0.000
454.0	10.236	35.247	27.104	0.000	504.0	9.406	35.133	27.157	0.000	554.0	8.601	35.040	27.214	0.000
455.0	10.357	35.256	27.090	0.000	505.0	9.382	35.129	27.158	0.000	555.0	8.609	35.039	27.211	0.000
456.0	10.224	35.240	27.101	0.000	506.0	9.341	35.125	27.161	0.000	556.0	8.607	35.038	27.211	0.000
457.0	10.200	35.241	27.106	0.000	507.0	9.316	35.123	27.164	0.000	557.0	8.573	35.037	27.215	0.000
458.0	10.171	35.236	27.107	0.000	508.0	9.329	35.125	27.163	0.000	558.0	8.565	35.037	27.216	0.000
459.0	10.140	35.231	27.108	0.000	509.0	9.303	35.120	27.163	0.000	559.0	8.557	35.036	27.217	0.000
460.0	10.125	35.230	27.110	0.000	510.0	9.274	35.116	27.165	0.000	560.0	8.549	35.035	27.217	0.000
461.0	10.116	35.228	27.111	0.000	511.0	9.250	35.114	27.167	0.000	561.0	8.536	35.032	27.218	0.000
462.0	10.099	35.227	27.113	0.000	512.0	9.225	35.112	27.170	0.000	562.0	8.502	35.028	27.219	0.000
463.0	10.185	35.234	27.104	0.000	513.0	9.211	35.110	27.170	0.000	563.0	8.476	35.027	27.222	0.000
464.0	10.131	35.225	27.105	0.000	514.0	9.198	35.108	27.171	0.000	564.0	8.466	35.026	27.224	0.000
465.0	10.047	35.219	27.116	0.000	515.0	9.183	35.107	27.173	0.000	565.0	8.470	35.024	27.221	0.000
466.0	10.034	35.218	27.116	0.000	516.0	9.171	35.105	27.173	0.000	566.0	8.506	35.026	27.217	0.000
467.0	10.016	35.214	27.117	0.000	517.0	9.158	35.102	27.173	0.000	567.0	8.418	35.021	27.227	0.000
468.0	9.993	35.211	27.119	0.000	518.0	9.147	35.101	27.174	0.000	568.0	8.400	35.019	27.228	0.000
469.0	9.976	35.210	27.121	0.000	519.0	9.128	35.098	27.175	0.000	569.0	8.383	35.017	27.229	0.000
470.0	10.082	35.218	27.108	0.000	520.0	9.101	35.095	27.177	0.000	570.0	8.369	35.016	27.230	0.000
471.0	10.053	35.217	27.113	0.000	521.0	9.069	35.093	27.180	0.000	571.0	8.363	35.016	27.232	0.000
472.0	9.934	35.196	27.117	0.000	522.0	9.050	35.091	27.182	0.000	572.0	8.380	35.016	27.229	0.000
473.0	9.893	35.198	27.125	0.000	523.0	9.030	35.088	27.183	0.000	573.0	8.353	35.011	27.229	0.000
474.0	9.881	35.196	27.126	0.000	524.0	9.021	35.086	27.183	0.000	574.0	8.312	35.009	27.234	0.000
475.0	9.876	35.195	27.126	0.000	525.0	9.017	35.088	27.185	0.000	575.0	8.287	35.009	27.238	0.000
476.0	9.876	35.193	27.125	0.000	526.0	9.034	35.085	27.180	0.000	576.0	8.268	35.005	27.237	0.000
477.0	9.883	35.198	27.127	0.000	527.0	8.992	35.082	27.184	0.000	577.0	8.257	35.003	27.238	0.000
478.0	9.849	35.187	27.124	0.000	528.0	8.972	35.082	27.187	0.000	578.0	8.242	35.004	27.240	0.000
479.0	9.804	35.184	27.130	0.000	529.0	8.962	35.079	27.187	0.000	579.0	8.280	35.008	27.238	0.000
480.0	9.780	35.182	27.132	0.000	530.0	8.944	35.077	27.188	0.000	580.0	8.252	35.000	27.236	0.000
481.0	9.755	35.178	27.133	0.000	531.0	8.925	35.075	27.190	0.000	581.0	8.197	34.999	27.244	0.000
482.0	9.726	35.174	27.135	0.000	532.0	8.914	35.074	27.190	0.000	582.0	8.183	34.997	27.244	0.000
483.0	9.703	35.172	27.138	0.000	533.0	8.903	35.073	27.191	0.000	583.0	8.170	34.996	27.246	0.000
484.0	9.700	35.173	27.138	0.000	534.0	8.891	35.071	27.191	0.000	584.0	8.158	34.995	27.246	0.000
485.0	9.725	35.175	27.136	0.000	535.0	8.874	35.070	27.194	0.000	585.0	8.132	34.993	27.249	0.000
486.0	9.686	35.166	27.136	0.000	536.0	8.863	35.068	27.194	0.000	586.0	8.116	34.992	27.250	0.000
487.0	9.641	35.164	27.141	0.000	537.0	8.853	35.067	27.195	0.000	587.0	8.116	34.992	27.250	0.000
488.0	9.628	35.163	27.143	0.000	538.0	8.839	35.065	27.196	0.000	588.0	8.163	34.991	27.243	0.000
489.0	9.628	35.162	27.143	0.000	539.0	8.811	35.062	27.197	0.000	589.0	8.096	34.988	27.251	0.000
490.0	9.626	35.162	27.142	0.000	540.0	8.785	35.059	27.199	0.000	590.0	8.080	34.988	27.252	0.000
491.0	9.623	35.161	27.142	0.000	541.0	8.769	35.057	27.200	0.000	591.0	8.056	34.986	27.255	0.000
492.0	9.635	35.162	27.141	0.000	542.0	8.751	35.055	27.202	0.000	592.0	8.036	34.985	27.257	0.000
493.0	9.615	35.157	27.140	0.000	543.0	8.743	35.055	27.203	0.000	593.0	8.029	34.988	27.260	0.000
494.0	9.578	35.154	27.145	0.000	544.0	8.739	35.054	27.202	0.000	594.0	8.082	34.985	27.250	0.000
495.0	9.560	35.153	27.146	0.000	545.0	8.734	35.053	27.203	0.000	595.0	8.003	34.981	27.259	0.000
496.0	9.542	35.149	27.146	0.000	546.0	8.729	35.053	27.204	0.000	596.0	7.993	34.982	27.261	0.000
497.0	9.487	35.144	27.152	0.000	547.0	8.722	35.051	27.203	0.000	597.0	7.979	34.979	27.261	0.000
498.0	9.473	35.144	27.154	0.000	548.0	8.712	35.050	27.204	0.000	598.0	7.970	34.980	27.263	0.000
499.0	9.463	35.141	27.154	0.000	549.0	8.699	35.049	27.205	0.000	599.0	7.981	34.982	27.263	0.000
500.0	9.473	35.143	27.153	0.000	550.0	8.687	35.048	27.206	0.000	600.0	7.985	34.979	27.260	0.000
501.0	9.469	35.142	27.153	0.000	551.0	8.657	35.044	27.208	0.000	601.0	7.962	34.978	27.262	0.000

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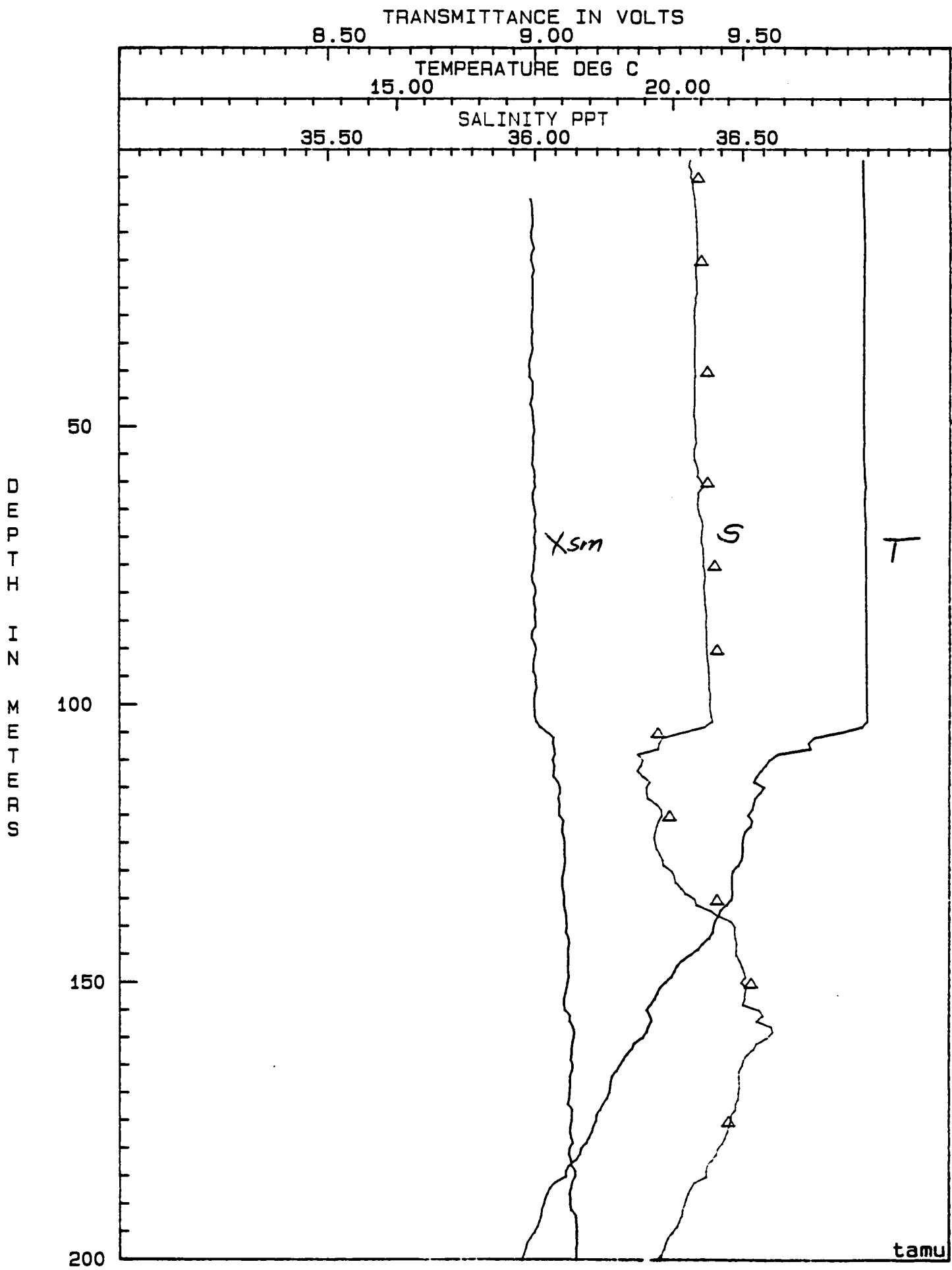
DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
602.0	7.942	34.979	27.266	0.000	652.0	7.359	34.935	27.317	0.000	702.0	6.816	34.903	27.368	0.000
603.0	7.936	34.978	27.267	0.000	653.0	7.354	34.932	27.315	0.000	703.0	6.809	34.902	27.369	0.000
604.0	7.914	34.976	27.268	0.000	654.0	7.307	34.929	27.320	0.000	704.0	6.795	34.902	27.370	0.000
605.0	7.885	34.976	27.272	0.000	655.0	7.297	34.928	27.321	0.000	705.0	6.789	34.902	27.371	0.000
606.0	7.890	34.976	27.272	0.000	656.0	7.285	34.928	27.322	0.000	706.0	6.776	34.901	27.372	0.000
607.0	7.896	34.974	27.270	0.000	657.0	7.277	34.928	27.323	0.000	707.0	6.770	34.901	27.373	0.000
608.0	7.854	34.972	27.274	0.000	658.0	7.273	34.927	27.323	0.000	708.0	6.763	34.900	27.373	0.000
609.0	7.838	34.971	27.276	0.000	659.0	7.260	34.926	27.324	0.000	709.0	6.755	34.900	27.374	0.000
610.0	7.819	34.971	27.278	0.000	660.0	7.255	34.925	27.324	0.000	710.0	6.748	34.900	27.375	0.000
611.0	7.812	34.970	27.278	0.000	661.0	7.251	34.925	27.325	0.000	711.0	6.738	34.899	27.376	0.000
612.0	7.807	34.967	27.277	0.000	662.0	7.278	34.926	27.322	0.000	712.0	6.727	34.899	27.377	0.000
613.0	7.804	34.968	27.278	0.000	663.0	7.246	34.922	27.323	0.000	713.0	6.710	34.897	27.378	0.000
614.0	7.804	34.968	27.279	0.000	664.0	7.229	34.924	27.327	0.000	714.0	6.700	34.897	27.379	0.000
615.0	7.825	34.967	27.275	0.000	665.0	7.228	34.923	27.327	0.000	715.0	6.693	34.897	27.380	0.000
616.0	7.805	34.965	27.276	0.000	666.0	7.225	34.924	27.328	0.000	716.0	6.689	34.897	27.380	0.000
617.0	7.781	34.966	27.280	0.000	667.0	7.222	34.924	27.328	0.000	717.0	6.682	34.896	27.381	0.000
618.0	7.766	34.965	27.281	0.000	668.0	7.220	34.923	27.327	0.000	718.0	6.674	34.896	27.382	0.000
619.0	7.751	34.964	27.283	0.000	669.0	7.215	34.922	27.327	0.000	719.0	6.670	34.897	27.383	0.000
620.0	7.740	34.964	27.284	0.000	670.0	7.227	34.921	27.325	0.000	720.0	6.668	34.896	27.382	0.000
621.0	7.734	34.963	27.284	0.000	671.0	7.177	34.918	27.329	0.000	721.0	6.654	34.895	27.384	0.000
622.0	7.752	34.961	27.280	0.000	672.0	7.161	34.919	27.333	0.000	722.0	6.636	34.895	27.386	0.000
623.0	7.719	34.960	27.285	0.000	673.0	7.148	34.918	27.334	0.000	723.0	6.633	34.895	27.387	0.000
624.0	7.700	34.958	27.285	0.000	674.0	7.141	34.918	27.335	0.000	724.0	6.626	34.895	27.388	0.000
625.0	7.689	34.958	27.288	0.000	675.0	7.134	34.918	27.336	0.000	725.0	6.604	34.893	27.389	0.000
626.0	7.675	34.957	27.288	0.000	676.0	7.153	34.918	27.333	0.000	726.0	6.587	34.893	27.391	0.000
627.0	7.661	34.955	27.289	0.000	677.0	7.119	34.914	27.334	0.000	727.0	6.580	34.894	27.393	0.000
628.0	7.645	34.954	27.291	0.000	678.0	7.091	34.915	27.340	0.000	728.0	6.576	34.893	27.392	0.000
629.0	7.625	34.952	27.292	0.000	679.0	7.069	34.914	27.342	0.000	729.0	6.586	34.892	27.391	0.000
630.0	7.678	34.956	27.287	0.000	680.0	7.049	34.914	27.345	0.000	730.0	6.586	34.893	27.391	0.000
631.0	7.611	34.947	27.290	0.000	681.0	7.052	34.914	27.344	0.000	731.0	6.566	34.894	27.395	0.000
632.0	7.572	34.948	27.296	0.000	682.0	7.089	34.913	27.338	0.000	732.0	6.558	34.894	27.396	0.000
633.0	7.541	34.945	27.299	0.000	683.0	6.999	34.909	27.348	0.000	733.0	6.553	34.893	27.396	0.000
634.0	7.531	34.944	27.300	0.000	684.0	6.988	34.910	27.350	0.000	734.0	6.542	34.894	27.398	0.000
635.0	7.513	34.944	27.302	0.000	685.0	6.977	34.910	27.352	0.000	735.0	6.538	34.894	27.399	0.000
636.0	7.519	34.946	27.303	0.000	686.0	6.968	34.909	27.353	0.000	736.0	6.533	34.894	27.399	0.000
637.0	7.583	34.942	27.291	0.000	687.0	6.960	34.909	27.353	0.000	737.0	6.535	34.893	27.398	0.000
638.0	7.512	34.941	27.300	0.000	688.0	6.948	34.908	27.354	0.000	738.0	6.539	34.892	27.397	0.000
639.0	7.474	34.941	27.305	0.000	689.0	6.938	34.908	27.355	0.000	739.0	6.516	34.891	27.399	0.000
640.0	7.463	34.940	27.306	0.000	690.0	6.974	34.908	27.350	0.000	740.0	6.500	34.893	27.403	0.000
641.0	7.447	34.939	27.308	0.000	691.0	6.939	34.906	27.354	0.000	741.0	6.495	34.892	27.403	0.000
642.0	7.442	34.938	27.308	0.000	692.0	6.889	34.905	27.360	0.000	742.0	6.488	34.893	27.404	0.000
643.0	7.429	34.938	27.310	0.000	693.0	6.882	34.905	27.360	0.000	743.0	6.484	34.893	27.405	0.000
644.0	7.454	34.938	27.306	0.000	694.0	6.875	34.906	27.362	0.000	744.0	6.499	34.892	27.402	0.000
645.0	7.434	34.935	27.307	0.000	695.0	6.871	34.905	27.362	0.000	745.0	6.494	34.891	27.402	0.000
646.0	7.391	34.935	27.313	0.000	696.0	6.870	34.903	27.360	0.000	746.0	6.470	34.890	27.405	0.000
647.0	7.382	34.934	27.313	0.000	697.0	6.858	34.904	27.364	0.000	747.0	6.455	34.891	27.407	0.000
648.0	7.373	34.934	27.314	0.000	698.0	6.848	34.904	27.365	0.000	748.0	6.451	34.891	27.408	0.000
649.0	7.365	34.933	27.315	0.000	699.0	6.859	34.905	27.364	0.000	749.0	6.444	34.890	27.408	0.000
650.0	7.353	34.932	27.316	0.000	700.0	6.845	34.902	27.364	0.000	750.0	6.436	34.890	27.409	0.000
651.0	7.343	34.932	27.317	0.000	701.0	6.824	34.903	27.367	0.000	751.0	6.439	34.891	27.410	0.000



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 LAT 25 00.12 N LON 92 45.06 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
752.0	6.468	34.888	27.403	0.000	802.0	6.064	34.886	27.455	0.000	852.0	5.756	34.891	27.498	0.000
753.0	6.419	34.889	27.411	0.000	803.0	6.053	34.889	27.458	0.000	853.0	5.752	34.891	27.499	0.000
754.0	6.401	34.888	27.413	0.000	804.0	6.049	34.888	27.458	0.000	854.0	5.751	34.891	27.499	0.000
755.0	6.387	34.890	27.416	0.000	805.0	6.046	34.888	27.459	0.000	855.0	5.748	34.891	27.498	0.000
756.0	6.379	34.890	27.417	0.000	806.0	6.035	34.888	27.460	0.000	856.0	5.740	34.890	27.499	0.000
757.0	6.376	34.890	27.417	0.000	807.0	6.028	34.889	27.461	0.000	857.0	5.734	34.891	27.501	0.000
758.0	6.374	34.889	27.417	0.000	808.0	6.033	34.887	27.460	0.000	858.0	5.735	34.891	27.500	0.000
759.0	6.371	34.890	27.417	0.000	809.0	6.017	34.887	27.462	0.000	859.0	5.735	34.890	27.499	0.000
760.0	6.395	34.888	27.413	0.000	810.0	6.010	34.888	27.463	0.000	860.0	5.719	34.890	27.502	0.000
761.0	6.372	34.888	27.416	0.000	811.0	6.005	34.888	27.464	0.000	861.0	5.714	34.890	27.502	0.000
762.0	6.344	34.889	27.421	0.000	812.0	6.000	34.887	27.464	0.000	862.0	5.708	34.891	27.504	0.000
763.0	6.336	34.891	27.423	0.000	813.0	5.991	34.887	27.465	0.000	863.0	5.702	34.891	27.504	0.000
764.0	6.326	34.888	27.422	0.000	814.0	5.981	34.888	27.467	0.000	864.0	5.695	34.892	27.506	0.000
765.0	6.314	34.890	27.425	0.000	815.0	5.979	34.888	27.467	0.000	865.0	5.691	34.892	27.506	0.000
766.0	6.317	34.890	27.425	0.000	816.0	5.999	34.887	27.464	0.000	866.0	5.688	34.892	27.507	0.000
767.0	6.333	34.886	27.420	0.000	817.0	5.972	34.887	27.467	0.000	867.0	5.692	34.891	27.506	0.000
768.0	6.307	34.888	27.425	0.000	818.0	5.964	34.888	27.469	0.000	868.0	5.688	34.890	27.505	0.000
769.0	6.293	34.888	27.427	0.000	819.0	5.960	34.888	27.470	0.000	869.0	5.680	34.891	27.507	0.000
770.0	6.277	34.889	27.429	0.000	820.0	5.955	34.888	27.470	0.000	870.0	5.674	34.892	27.509	0.000
771.0	6.272	34.888	27.429	0.000	821.0	5.948	34.888	27.471	0.000	871.0	5.670	34.893	27.510	0.000
772.0	6.266	34.888	27.430	0.000	822.0	5.942	34.888	27.472	0.000	872.0	5.666	34.892	27.510	0.000
773.0	6.258	34.887	27.431	0.000	823.0	5.939	34.888	27.472	0.000	873.0	5.667	34.891	27.509	0.000
774.0	6.256	34.886	27.430	0.000	824.0	5.936	34.886	27.471	0.000	874.0	5.651	34.892	27.511	0.000
775.0	6.250	34.885	27.430	0.000	825.0	5.922	34.889	27.475	0.000	875.0	5.645	34.892	27.512	0.000
776.0	6.244	34.885	27.430	0.000	826.0	5.918	34.889	27.476	0.000	876.0	5.637	34.892	27.513	0.000
777.0	6.235	34.887	27.433	0.000	827.0	5.913	34.889	27.476	0.000	877.0	5.630	34.893	27.515	0.000
778.0	6.219	34.887	27.436	0.000	828.0	5.903	34.888	27.477	0.000	878.0	5.625	34.893	27.515	0.000
779.0	6.214	34.886	27.435	0.000	829.0	5.897	34.888	27.478	0.000	879.0	5.620	34.893	27.516	0.000
780.0	6.207	34.887	27.437	0.000	830.0	5.894	34.888	27.478	0.000	880.0	5.618	34.893	27.516	0.000
781.0	6.204	34.887	27.438	0.000	831.0	5.888	34.888	27.479	0.000	881.0	5.617	34.894	27.517	0.000
782.0	6.203	34.887	27.438	0.000	832.0	5.874	34.888	27.481	0.000	882.0	5.615	34.893	27.517	0.000
783.0	6.230	34.885	27.432	0.000	833.0	5.865	34.890	27.483	0.000	883.0	5.613	34.893	27.517	0.000
784.0	6.199	34.886	27.437	0.000	834.0	5.863	34.890	27.483	0.000	884.0	5.609	34.893	27.518	0.000
785.0	6.186	34.887	27.440	0.000	835.0	5.859	34.890	27.484	0.000	885.0	5.607	34.893	27.518	0.000
786.0	6.178	34.887	27.440	0.000	836.0	5.856	34.890	27.484	0.000	886.0	5.603	34.893	27.519	0.000
787.0	6.168	34.888	27.443	0.000	837.0	5.850	34.889	27.485	0.000	887.0	5.598	34.894	27.520	0.000
788.0	6.156	34.888	27.444	0.000	838.0	5.843	34.890	27.486	0.000	888.0	5.591	34.894	27.521	0.000
789.0	6.147	34.888	27.446	0.000	839.0	5.839	34.889	27.486	0.000	889.0	5.584	34.895	27.522	0.000
790.0	6.144	34.888	27.446	0.000	840.0	5.830	34.890	27.488	0.000	890.0	5.579	34.894	27.522	0.000
791.0	6.140	34.887	27.446	0.000	841.0	5.825	34.890	27.488	0.000	891.0	5.573	34.895	27.524	0.000
792.0	6.163	34.886	27.441	0.000	842.0	5.822	34.890	27.489	0.000	892.0	5.572	34.895	27.523	0.000
793.0	6.142	34.887	27.445	0.000	843.0	5.818	34.890	27.489	0.000	893.0	5.580	34.893	27.521	0.000
794.0	6.122	34.888	27.449	0.000	844.0	5.810	34.889	27.490	0.000	894.0	5.555	34.896	27.526	0.000
795.0	6.112	34.887	27.450	0.000	845.0	5.804	34.890	27.491	0.000	895.0	5.553	34.896	27.527	0.000
796.0	6.101	34.888	27.451	0.000	846.0	5.801	34.889	27.491	0.000	896.0	5.554	34.895	27.526	0.000
797.0	6.097	34.888	27.452	0.000	847.0	5.798	34.889	27.490	0.000	897.0	5.553	34.896	27.527	0.000
798.0	6.092	34.887	27.452	0.000	848.0	5.786	34.890	27.493	0.000	898.0	5.550	34.896	27.527	0.000
799.0	6.084	34.887	27.453	0.000	849.0	5.781	34.890	27.494	0.000	899.0	5.545	34.896	27.528	0.000
800.0	6.076	34.888	27.455	0.000	850.0	5.777	34.890	27.494	0.000	900.0	5.544	34.896	27.528	0.000
801.0	6.088	34.886	27.451	0.000	851.0	5.765	34.890	27.496	0.000	901.0	5.551	34.894	27.526	0.000





CRUISE: 91G02 STATION: SBE018.A DATE: Mar 04 15:01:34 1991

LATITUDE: 25 00.12 N LONGITUDE: 92 45.06 W

TRIANGLES DENOTE DISCRETE SAMPLES

Cruise: 91602  
 Date: 03-04-1991  
 Time: 17:38:19 GMT  
 Lat: 24 40.00 N  
 Lon: 92 45.00 W  
 Stn. 19

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	23.25	68.78	23.22	102.69	23.00
		35.46	23.25	69.46	23.23	103.37	23.00
2.05	<del>23.29</del>	36.14	23.25	70.14	23.23	104.04	23.01
2.73	23.33	36.82	23.23	70.81	23.22	104.72	23.03
3.41	23.39	37.50	23.25	71.49	23.23	105.40	23.06
4.10	23.35	38.18	23.25	72.17	23.22	106.07	23.06
4.78	23.39	38.86	23.23	72.85	23.22	106.75	23.09
5.46	23.38	39.54	23.24	73.53	23.21	107.43	23.09
6.14	23.35	40.22	23.23	74.21	23.22	108.11	23.11
6.83	23.35	40.90	23.24	74.89	23.22	108.78	23.08
7.51	23.36	41.58	23.24	75.57	23.22	109.46	23.07
8.19	23.35	42.26	23.23	76.25	23.22	110.14	23.06
8.87	23.36	42.94	23.22	76.92	23.22	110.81	23.05
9.56	23.34	43.62	23.23	77.60	23.22	111.49	23.04
10.24	23.36	44.31	23.23	78.28	23.22	112.17	23.04
10.92	23.36	44.99	23.24	78.96	23.21	112.84	23.00
11.60	23.35	45.67	23.23	79.64	23.22	113.52	22.99
12.28	23.37	46.35	23.23	80.32	23.22	114.20	22.95
12.97	23.32	47.03	23.22	81.00	23.21	114.87	22.94
13.65	23.32	47.71	23.24	81.67	23.21	115.55	22.88
14.33	23.32	48.39	23.22	82.35	23.22	116.23	22.84
15.01	23.32	49.07	23.24	83.03	23.20	116.90	22.79
15.69	23.33	49.75	23.23	83.71	23.21	117.58	22.77
16.38	23.31	50.43	23.23	84.39	23.19	118.26	22.71
17.06	23.30	51.11	23.24	85.07	23.20	118.93	22.72
17.74	23.28	51.79	23.23	85.74	23.20	119.61	22.71
18.42	23.31	52.47	23.22	86.42	23.21	120.29	22.70
19.10	23.28	53.15	23.23	87.10	23.19	120.96	22.51
19.79	23.30	53.83	23.22	87.78	23.18	121.64	22.36
20.47	23.29	54.51	23.24	88.46	23.19	122.31	22.24
21.15	23.28	55.19	23.23	89.13	23.17	122.99	22.21
21.83	23.29	55.87	23.23	89.81	23.15	123.67	22.18
22.51	23.27	56.55	23.24	90.49	23.16	124.34	22.11
23.19	23.26	57.23	23.23	91.17	23.14	125.02	22.02
23.88	23.27	57.91	23.24	91.85	23.13	125.70	21.98
24.56	23.26	58.59	23.23	92.52	23.11	126.37	21.91
25.24	23.26	59.27	23.24	93.20	23.09	127.05	21.87
25.92	23.25	59.95	23.23	93.88	23.09	127.72	21.78
26.60	23.26	60.63	23.23	94.56	23.08	128.40	21.70
27.28	23.24	61.30	23.23	95.24	23.07	129.07	21.63
27.96	23.25	61.98	23.23	95.91	23.07	129.75	21.56
28.65	23.25	62.66	23.22	96.59	23.06	130.43	21.52
29.33	23.24	63.34	23.23	97.27	23.05	131.10	21.48
30.01	23.25	64.02	23.22	97.95	23.03	131.78	21.44
30.69	23.24	64.70	23.22	98.62	23.03	132.45	21.39
31.37	23.25	65.38	23.22	99.30	23.02	133.13	21.37
32.05	23.25	66.06	23.22	99.98	23.01	133.81	21.35
32.73	23.25	66.74	23.22	100.66	22.98	134.48	21.32
33.41	23.25	67.42	23.22	101.33	22.98	135.16	21.31
34.09	23.24	68.10	23.22	102.01	23.00	135.83	21.28
34.78	23.25	68.78	23.22	102.69	23.00	136.51	21.19

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	21.12	174.28	19.32	211.26	17.25	248.14	15.
137.86	21.09	174.95	19.24	211.93	17.21	248.81	15.
138.53	21.08	175.62	19.21	212.60	17.21	249.48	15.
139.21	21.04	176.30	19.14	213.28	17.18	250.14	15.
139.88	21.03	176.97	19.08	213.95	17.16	250.81	15.
140.56	20.99	177.64	19.05	214.62	17.14	251.48	15.
141.23	20.96	178.32	19.06	215.29	17.12	252.15	15.
141.91	20.86	178.99	19.04	215.96	17.10	252.82	15.
142.59	20.85	179.66	19.03	216.63	17.08	253.49	15.
143.26	20.81	180.34	19.03	217.30	17.01	254.16	15.
143.94	20.79	181.01	19.02	217.97	16.98	254.83	15.
144.61	20.73	181.68	19.03	218.65	16.93	255.50	15.
145.29	20.72	182.36	18.94	219.32	16.93	256.17	15.
145.96	20.65	183.03	18.88	219.99	16.91	256.84	15.
146.64	20.62	183.70	18.86	220.66	16.88	257.50	15.
147.31	20.61	184.38	18.81	221.33	16.82	258.17	15.
147.99	20.55	185.05	18.76	222.00	16.79	258.84	15.
148.66	20.51	185.72	18.75	222.67	16.78	259.51	15.
149.34	20.49	186.39	18.71	223.34	16.72	260.18	15.
150.01	20.46	187.07	18.71	224.01	16.69	260.85	15.
150.68	20.46	187.74	18.68	224.68	16.67	261.52	15.
151.36	20.44	188.41	18.66	225.35	16.65	262.19	15.
152.03	20.42	189.08	18.65	226.02	16.64	262.86	15.
152.71	20.36	189.76	18.65	226.70	16.60	263.52	15.
153.38	20.28	190.43	18.63	227.37	16.57	264.19	15.
154.06	20.24	191.10	18.54	228.04	16.56	264.86	15.
154.73	20.20	191.77	18.48	228.71	16.54	265.53	15.
155.41	20.18	192.45	18.45	229.38	16.52	266.20	15.
156.08	20.16	193.12	18.41	230.05	16.52	266.87	15.
156.76	20.10	193.79	18.38	230.72	16.48	267.53	15.
157.43	20.05	194.46	18.34	231.39	16.45	268.20	15.
158.10	20.01	195.14	18.29	232.06	16.41	268.87	15.
158.78	19.97	195.81	18.24	232.73	16.38	269.54	15.
159.45	19.92	196.48	18.20	233.40	16.36	270.21	15.
160.13	19.90	197.15	18.18	234.07	16.33	270.88	14.
160.80	19.86	197.83	18.13	234.74	16.28	271.54	14.
161.48	19.81	198.50	18.06	235.41	16.28	272.21	14.
162.15	19.81	199.17	18.02	236.08	16.25	272.88	14.
162.82	19.80	199.84	17.97	236.75	16.22	273.55	14.
163.50	19.76	200.51	17.92	237.42	16.18	274.22	14.
164.17	19.69	201.19	17.90	238.09	16.15	274.88	14.
164.85	19.63	201.86	17.84	238.76	16.10	275.55	14.
165.52	19.58	202.53	17.80	239.43	16.09	276.22	14.
166.19	19.54	203.20	17.76	240.10	16.07	276.89	14.
166.87	19.52	203.87	17.75	240.77	16.05	277.56	14.
167.54	19.52	204.55	17.69	241.44	16.06	278.22	14.
168.22	19.52	205.22	17.62	242.11	16.06	278.89	14.
168.89	19.50	205.89	17.56	242.78	16.03	279.56	14.
169.56	19.47	206.56	17.51	243.45	16.01	280.23	14.
170.24	19.49	207.23	17.44	244.12	15.99	280.90	14.
170.91	19.50	207.90	17.38	244.79	15.95	281.56	14.
171.58	19.50	208.58	17.36	245.46	15.90	282.23	14.
172.26	19.45	209.25	17.30	246.13	15.86	282.90	14.
172.93	19.42	209.92	17.26	246.80	15.84	283.57	14.
173.60	19.37	210.59	17.25	247.47	15.82	284.23	14.
174.28	19.32	211.26	17.25	248.14	15.77	284.90	14.

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	14.40	322.22	13.22	358.76	12.42	395.19	11.97
286.24	14.38	322.89	13.21	359.43	12.39	395.86	11.94
286.90	14.36	323.55	13.20	360.09	12.38	396.52	11.93
287.57	14.30	324.22	13.19	360.75	12.35	397.18	11.91
288.24	14.29	324.88	13.17	361.42	12.31	397.84	11.90
288.90	14.26	325.55	13.12	362.08	12.33	398.50	11.88
289.57	14.24	326.21	13.11	362.74	12.31	399.16	11.88
290.24	14.18	326.88	13.12	363.40	12.29	399.82	11.89
290.91	14.13	327.54	13.08	364.07	12.28	400.48	11.89
291.57	14.10	328.21	13.00	364.73	12.26	401.14	11.89
292.24	14.09	328.87	12.99	365.39	12.23	401.81	11.87
292.91	14.06	329.54	12.97	366.06	12.22	402.47	11.88
293.57	14.03	330.20	12.94	366.72	12.23	403.13	11.84
294.24	13.98	330.87	12.92	367.38	12.21	403.79	11.85
294.91	13.94	331.53	12.94	368.05	12.22	404.45	11.84
295.57	13.92	332.20	12.90	368.71	12.18	405.11	11.82
296.24	13.89	332.86	12.90	369.37	12.17	405.77	11.80
296.91	13.87	333.53	12.88	370.03	12.17	406.43	11.79
297.58	13.85	334.19	12.88	370.70	12.17	407.09	11.78
298.24	13.82	334.86	12.86	371.36	12.16	407.75	11.75
298.91	13.80	335.52	12.84	372.02	12.16	408.41	11.73
299.58	13.79	336.19	12.82	372.69	12.16	409.08	11.74
300.24	13.78	336.85	12.82	373.35	12.14	409.74	11.72
300.91	13.77	337.51	12.83	374.01	12.14	410.40	11.71
301.58	13.74	338.18	12.82	374.67	12.14	411.06	11.71
302.24	13.70	338.84	12.80	375.34	12.13	411.72	11.66
302.91	13.69	339.51	12.78	376.00	12.14	412.38	11.66
303.57	13.68	340.17	12.77	376.66	12.12	413.04	11.69
304.24	13.66	340.84	12.76	377.32	12.11	413.70	11.57
304.91	13.66	341.50	12.75	377.98	12.09	414.36	11.57
305.57	13.65	342.17	12.74	378.65	12.10	415.02	11.57
306.24	13.63	342.83	12.76	379.31	12.09	415.68	11.56
306.91	13.61	343.49	12.72	379.97	12.09	416.34	11.57
307.57	13.59	344.16	12.70	380.63	12.05	417.00	11.58
308.24	13.60	344.82	12.67	381.30	12.05	417.66	11.53
308.90	13.59	345.49	12.65	381.96	12.05	418.32	11.51
309.57	13.59	346.15	12.65	382.62	12.02	418.98	11.53
310.24	13.59	346.81	12.63	383.28	12.04	419.64	11.51
310.90	13.58	347.48	12.63	383.94	12.04	420.30	11.47
311.57	13.57	348.14	12.59	384.61	12.02	420.96	11.47
312.23	13.56	348.81	12.58	385.27	12.01	421.62	11.44
312.90	13.56	349.47	12.58	385.93	12.00	422.28	11.41
313.57	13.54	350.13	12.55	386.59	12.01	422.94	11.36
314.23	13.53	350.80	12.56	387.25	12.01	423.60	11.36
314.90	13.53	351.46	12.55	387.92	11.98	424.26	11.35
315.56	13.45	352.13	12.53	388.58	12.00	424.92	11.31
316.23	13.43	352.79	12.50	389.24	12.00	425.58	11.31
316.90	13.41	353.45	12.49	389.90	11.98	426.24	11.30
317.56	13.34	354.12	12.47	390.56	11.99	426.90	11.27
318.23	13.32	354.78	12.46	391.22	11.98	427.56	11.26
318.89	13.32	355.44	12.48	391.89	12.00	428.22	11.23
319.56	13.29	356.11	12.44	392.55	11.98	428.88	11.23
320.22	13.26	356.77	12.43	393.21	11.97	429.54	11.24
320.89	13.24	357.44	12.42	393.87	11.97	430.20	11.25
321.55	13.23	358.10	12.42	394.53	11.97	430.86	11.23
322.22	13.22	358.76	12.42	395.19	11.97	431.52	11.22

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp
432.18	11.18	468.38	10.21	504.48	9.62	540.47	9.
432.83	11.13	469.04	10.21	505.14	9.63	541.13	9.
433.49	11.14	469.70	10.20	505.79	9.62	541.78	8.
434.15	11.10	470.36	10.19	506.45	9.63	542.43	8.
434.81	11.07	471.01	10.19	507.11	9.62	543.09	8.
435.47	11.06	471.67	10.19	507.76	9.61	543.74	8.
436.13	11.00	472.33	10.16	508.42	9.62	544.39	8.
436.79	10.96	472.99	10.18	509.07	9.58	545.05	8.
437.45	10.92	473.64	10.17	509.73	9.58	545.70	8.
438.11	10.91	474.30	10.15	510.38	9.55	546.35	8.
438.77	10.89	474.96	10.14	511.04	9.54	547.01	8.
439.43	10.86	475.61	10.13	511.69	9.53	547.66	8.
440.08	10.88	476.27	10.11	512.35	9.50	548.31	8.
440.74	10.85	476.93	10.07	513.00	9.50	548.96	8.
441.40	10.83	477.58	10.07	513.66	9.47	549.62	8.
442.06	10.82	478.24	10.08	514.31	9.47	550.27	8.
442.72	10.80	478.90	10.05	514.97	9.46	550.92	8.
443.38	10.78	479.55	10.06	515.62	9.44	551.58	8.
444.04	10.77	480.21	10.03	516.27	9.46	552.23	8.
444.70	10.76	480.87	10.01	516.93	9.45	552.88	8.
445.35	10.76	481.52	9.99	517.58	9.43	553.53	8.
446.01	10.74	482.18	9.98	518.24	9.41	554.19	8.
446.67	10.74	482.84	9.97	518.89	9.40	554.84	8.
447.33	10.73	483.49	9.95	519.55	9.38	555.49	8.
447.99	10.73	484.15	9.95	520.20	9.36	556.14	8.
448.65	10.72	484.81	9.93	520.86	9.34	556.80	8.
449.31	10.73	485.46	9.94	521.51	9.34	557.45	8.
449.96	10.71	486.12	9.92	522.17	9.33	558.10	8.
450.62	10.67	486.78	9.91	522.82	9.34	558.75	8.
451.28	10.63	487.43	9.91	523.47	9.34	559.41	8.
451.94	10.59	488.09	9.89	524.13	9.31	560.06	8.
452.60	10.55	488.75	9.91	524.78	9.28	560.71	8.
453.26	10.51	489.40	9.88	525.44	9.25	561.36	8.
453.91	10.48	490.06	9.86	526.09	9.26	562.01	8.
454.57	10.45	490.71	9.85	526.75	9.24	562.67	8.
455.23	10.43	491.37	9.83	527.40	9.24	563.32	8.
455.89	10.42	492.03	9.81	528.05	9.25	563.97	8.
456.55	10.40	492.68	9.77	528.71	9.24	564.62	8.
457.20	10.40	493.34	9.75	529.36	9.23	565.27	8.
457.86	10.38	493.99	9.74	530.02	9.20	565.93	8.
458.52	10.39	494.65	9.73	530.67	9.17	566.58	8.
459.18	10.35	495.31	9.70	531.32	9.19	567.23	8.
459.84	10.35	495.96	9.73	531.98	9.18	567.88	8.
460.49	10.35	496.62	9.71	532.63	9.14	568.53	8.
461.15	10.33	497.27	9.70	533.28	9.10	569.19	8.
461.81	10.32	497.93	9.73	533.94	9.12	569.84	8.
462.47	10.28	498.58	9.70	534.59	9.12	570.49	8.
463.12	10.28	499.24	9.69	535.25	9.13	571.14	8.
463.78	10.27	499.90	9.67	535.90	9.12	571.79	8.
464.44	10.22	500.55	9.68	536.55	9.11	572.44	8.
465.10	10.22	501.21	9.68	537.21	9.07	573.10	8.
465.75	10.22	501.86	9.65	537.86	9.06	573.75	8.
466.41	10.21	502.52	9.66	538.51	9.06	574.40	8.
467.07	10.21	503.17	9.64	539.17	9.04	575.05	8.
467.73	10.20	503.83	9.64	539.82	9.06	575.70	8.
468.38	10.21	504.48	9.62	540.47	9.02	576.35	8.

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	8.48	612.77	8.00	648.43	7.63	683.98	7.27
577.66	8.47	613.42	7.98	649.08	7.62	684.62	7.27
578.31	8.48	614.07	8.00	649.72	7.60	685.27	7.25
578.96	8.47	614.72	8.00	650.37	7.59	685.91	7.27
579.61	8.49	615.37	8.01	651.02	7.59	686.56	7.24
580.26	8.47	616.02	8.00	651.66	7.60	687.20	7.24
580.91	8.47	616.67	8.00	652.31	7.58	687.85	7.23
581.56	8.41	617.32	7.98	652.96	7.58	688.49	7.23
582.21	8.42	617.96	7.95	653.61	7.57	689.14	7.21
582.86	8.40	618.61	7.95	654.25	7.58	689.78	7.20
583.52	8.40	619.26	7.94	654.90	7.58	690.43	7.19
584.17	8.40	619.91	7.94	655.55	7.57	691.07	7.19
584.82	8.38	620.56	7.94	656.19	7.58	691.72	7.14
585.47	8.37	621.21	7.93	656.84	7.56	692.36	7.15
586.12	8.38	621.86	7.93	657.49	7.54	693.01	7.14
586.77	8.36	622.51	7.90	658.13	7.54	693.65	7.14
587.42	8.35	623.16	7.90	658.78	7.54	694.30	7.11
588.07	8.35	623.80	7.90	659.43	7.52	694.94	7.12
588.72	8.33	624.45	7.90	660.07	7.54	695.59	7.12
589.37	8.32	625.10	7.90	660.72	7.53	696.23	7.12
590.02	8.29	625.75	7.88	661.37	7.52	696.87	7.13
590.67	8.32	626.40	7.87	662.01	7.47	697.52	7.10
591.32	8.31	627.05	7.86	662.66	7.50	698.16	7.10
591.97	8.30	627.70	7.86	663.31	7.51	698.81	7.09
592.63	8.27	628.34	7.87	663.95	7.51	699.45	7.11
593.28	8.27	628.99	7.86	664.60	7.51	700.10	7.09
593.93	8.26	629.64	7.84	665.25	7.50	700.74	7.09
594.58	8.27	630.29	7.83	665.89	7.48	701.39	7.08
595.23	8.25	630.94	7.85	666.54	7.46	702.03	7.08
595.88	8.22	631.59	7.83	667.19	7.46	702.67	7.09
596.53	8.20	632.23	7.82	667.83	7.46	703.32	7.08
597.18	8.20	632.88	7.81	668.48	7.46	703.96	7.11
597.83	8.18	633.53	7.80	669.12	7.45	704.61	7.11
598.48	8.17	634.18	7.80	669.77	7.42	705.25	7.08
599.13	8.15	634.83	7.79	670.42	7.39	705.90	7.08
599.78	8.16	635.48	7.79	671.06	7.39	706.54	7.04
600.43	8.15	636.12	7.79	671.71	7.39	707.18	7.07
601.08	8.12	636.77	7.80	672.35	7.39	707.83	7.05
601.73	8.11	637.42	7.78	673.00	7.37	708.47	7.04
602.38	8.10	638.07	7.76	673.65	7.39	709.11	7.05
603.03	8.09	638.71	7.75	674.29	7.35	709.76	7.04
603.68	8.09	639.36	7.74	674.94	7.37	710.40	7.04
604.33	8.07	640.01	7.74	675.58	7.36	711.05	7.04
604.98	8.08	640.66	7.73	676.23	7.34	711.69	7.02
605.63	8.07	641.31	7.71	676.88	7.33	712.33	7.02
606.28	8.05	641.95	7.71	677.52	7.33	712.98	6.99
606.93	8.06	642.60	7.71	678.17	7.33	713.62	6.99
607.58	8.05	643.25	7.71	678.81	7.31	714.26	6.99
608.23	8.03	643.90	7.68	679.46	7.32	714.91	6.98
608.88	8.03	644.54	7.68	680.10	7.31	715.55	7.00
609.52	8.03	645.19	7.66	680.75	7.31	716.20	6.99
610.17	8.03	645.84	7.64	681.39	7.31	716.84	6.98
610.82	8.02	646.49	7.64	682.04	7.29	717.48	6.97
611.47	8.01	647.13	7.63	682.68	7.27	718.13	6.98
612.12	8.01	647.78	7.63	683.33	7.29	718.77	6.96
612.77	8.00	648.43	7.63	683.98	7.27	719.41	6.99



Cruise: 91602  
 Date: 03-04-1991  
 Time: 19:38:58 GMT  
 Lat: 24 20.00 N  
 Lon: 92 45.00 W  
 Stn. 20

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	23.44	68.78	23.40	102.69	23.38
		35.46	23.41	69.46	23.40	103.37	23.38
2.05	<del>23.42</del>	36.14	23.42	70.14	23.40	104.04	23.38
2.73	23.49	36.82	23.42	70.81	23.40	104.72	23.39
3.41	23.56	37.50	23.43	71.49	23.40	105.40	23.38
4.10	23.57	38.18	23.41	72.17	23.39	106.07	23.38
4.78	23.57	38.86	23.42	72.85	23.38	106.75	23.37
5.46	23.57	39.54	23.41	73.53	23.39	107.43	23.39
6.14	23.56	40.22	23.41	74.21	23.39	108.11	23.38
6.83	23.57	40.90	23.40	74.89	23.39	108.78	23.37
7.51	23.58	41.58	23.42	75.57	23.40	109.46	23.38
8.19	23.59	42.26	23.42	76.25	23.40	110.14	23.39
8.87	23.58	42.94	23.41	76.92	23.39	110.81	23.39
9.56	23.57	43.62	23.40	77.60	23.37	111.49	23.38
10.24	23.59	44.31	23.41	78.28	23.40	112.17	23.39
10.92	23.58	44.99	23.40	78.96	23.40	112.84	23.39
11.60	23.57	45.67	23.40	79.64	23.39	113.52	23.38
12.28	23.58	46.35	23.42	80.32	23.38	114.20	23.38
12.97	23.56	47.03	23.41	81.00	23.40	114.87	23.39
13.65	23.56	47.71	23.40	81.67	23.39	115.55	23.38
14.33	23.56	48.39	23.41	82.35	23.38	116.23	23.38
15.01	23.56	49.07	23.42	83.03	23.39	116.90	23.38
15.69	23.55	49.75	23.40	83.71	23.39	117.58	23.38
16.38	23.53	50.43	23.40	84.39	23.39	118.26	23.38
17.06	23.52	51.11	23.40	85.07	23.40	118.93	23.37
17.74	23.52	51.79	23.40	85.74	23.41	119.61	23.36
18.42	23.51	52.47	23.40	86.42	23.39	120.29	23.32
19.10	23.48	53.15	23.40	87.10	23.40	120.96	23.27
19.79	23.48	53.83	23.41	87.78	23.41	121.64	23.06
20.47	23.48	54.51	23.40	88.46	23.40	122.31	22.72
21.15	23.48	55.19	23.40	89.13	23.38	122.99	22.36
21.83	23.48	55.87	23.40	89.81	23.40	123.67	22.08
22.51	23.47	56.55	23.40	90.49	23.39	124.34	21.92
23.19	23.47	57.23	23.40	91.17	23.39	125.02	21.83
23.88	23.47	57.91	23.39	91.85	23.39	125.70	21.76
24.56	23.47	58.59	23.40	92.52	23.39	126.37	21.70
25.24	23.43	59.27	23.41	93.20	23.39	127.05	21.65
25.92	23.45	59.95	23.40	93.88	23.39	127.72	21.61
26.60	23.46	60.63	23.40	94.56	23.40	128.40	21.57
27.28	23.46	61.30	23.39	95.24	23.40	129.07	21.59
27.96	23.45	61.98	23.39	95.91	23.38	129.75	21.57
28.65	23.45	62.66	23.39	96.59	23.39	130.43	21.58
29.33	23.44	63.34	23.39	97.27	23.40	131.10	21.53
30.01	23.45	64.02	23.40	97.95	23.40	131.78	21.54
30.69	23.46	64.70	23.39	98.62	23.40	132.45	21.52
31.37	23.44	65.38	23.40	99.30	23.38	133.13	21.50
32.05	23.43	66.06	23.39	99.98	23.39	133.81	21.51
32.73	23.44	66.74	23.39	100.66	23.39	134.48	21.51
33.41	23.43	67.42	23.39	101.33	23.40	135.16	21.49
34.09	23.42	68.10	23.40	102.01	23.40	135.83	21.47
34.78	23.44	68.78	23.40	102.69	23.38	136.51	21.45

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	21.43	174.28	19.74	211.26	17.94	248.14	16.0
137.86	21.39	174.95	19.68	211.93	17.92	248.81	16.0
138.53	21.39	175.62	19.62	212.60	17.92	249.48	16.0
139.21	21.35	176.30	19.56	213.28	17.91	250.14	16.0
139.88	21.31	176.97	19.52	213.95	17.88	250.81	16.0
140.56	21.30	177.64	19.46	214.62	17.79	251.48	16.0
141.23	21.26	178.32	19.38	215.29	17.73	252.15	16.0
141.91	21.22	178.99	19.32	215.96	17.70	252.82	16.0
142.59	21.18	179.66	19.29	216.63	17.64	253.49	16.0
143.26	21.18	180.34	19.25	217.30	17.61	254.16	16.0
143.94	21.16	181.01	19.28	217.97	17.58	254.83	15.0
144.61	21.16	181.68	19.30	218.65	17.54	255.50	15.0
145.29	21.18	182.36	19.30	219.32	17.49	256.17	15.0
145.96	21.21	183.03	19.28	219.99	17.45	256.84	15.0
146.64	21.27	183.70	19.25	220.66	17.39	257.50	15.0
147.31	21.29	184.38	19.18	221.33	17.34	258.17	15.0
147.99	21.29	185.05	19.10	222.00	17.30	258.84	15.0
148.66	21.32	185.72	19.04	222.67	17.26	259.51	15.0
149.34	21.31	186.39	19.03	223.34	17.19	260.18	15.0
150.01	21.28	187.07	19.03	224.01	17.18	260.85	15.0
150.68	21.24	187.74	18.99	224.68	17.14	261.52	15.0
151.36	21.18	188.41	18.97	225.35	17.14	262.19	15.0
152.03	21.15	189.08	18.94	226.02	17.12	262.86	15.0
152.71	21.09	189.76	18.93	226.70	17.09	263.52	15.0
153.38	21.02	190.43	18.89	227.37	17.08	264.19	15.0
154.06	21.03	191.10	18.89	228.04	17.06	264.86	15.0
154.73	21.04	191.77	18.87	228.71	17.04	265.53	15.0
155.41	21.03	192.45	18.87	229.38	17.03	266.20	15.0
156.08	20.99	193.12	18.88	230.05	17.02	266.87	15.0
156.76	20.93	193.79	18.87	230.72	16.98	267.53	15.0
157.43	20.85	194.46	18.85	231.39	16.96	268.20	15.0
158.10	20.74	195.14	18.78	232.06	16.93	268.87	15.0
158.78	20.69	195.81	18.68	232.73	16.90	269.54	15.0
159.45	20.62	196.48	18.59	233.40	16.87	270.21	15.0
160.13	20.59	197.15	18.55	234.07	16.85	270.88	15.0
160.80	20.57	197.83	18.49	234.74	16.84	271.54	15.0
161.48	20.56	198.50	18.45	235.41	16.82	272.21	15.0
162.15	20.55	199.17	18.42	236.08	16.80	272.88	15.0
162.82	20.53	199.84	18.38	236.75	16.76	273.55	15.0
163.50	20.50	200.51	18.30	237.42	16.75	274.22	15.0
164.17	20.44	201.19	18.27	238.09	16.74	274.88	15.0
164.85	20.40	201.86	18.23	238.76	16.70	275.55	15.0
165.52	20.35	202.53	18.20	239.43	16.62	276.22	15.0
166.19	20.31	203.20	18.18	240.10	16.58	276.89	15.0
166.87	20.28	203.87	18.14	240.77	16.54	277.56	15.0
167.54	20.28	204.55	18.10	241.44	16.52	278.22	15.0
168.22	20.25	205.22	18.10	242.11	16.52	278.89	15.0
168.89	20.21	205.89	18.08	242.78	16.51	279.56	15.0
169.56	20.18	206.56	18.06	243.45	16.49	280.23	15.0
170.24	20.04	207.23	18.05	244.12	16.44	280.90	15.0
170.91	19.94	207.90	18.04	244.79	16.39	281.56	15.0
171.58	19.88	208.58	18.01	245.46	16.36	282.23	15.0
172.26	19.82	209.25	18.00	246.13	16.31	282.90	15.0
172.93	19.76	209.92	18.00	246.80	16.25	283.57	14.9
173.60	19.74	210.59	17.96	247.47	16.25	284.23	14.9
174.28	19.74	211.26	17.94	248.14	16.21	284.90	14.9

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	14.90	322.22	13.84	358.76	12.83	395.19	11.96
286.24	14.87	322.89	13.81	359.43	12.82	395.86	11.93
286.90	14.87	323.55	13.80	360.09	12.77	396.52	11.90
287.57	14.85	324.22	13.80	360.75	12.78	397.18	11.86
288.24	14.83	324.88	13.77	361.42	12.76	397.84	11.83
288.90	14.80	325.55	13.76	362.08	12.73	398.50	11.80
289.57	14.78	326.21	13.75	362.74	12.76	399.16	11.75
290.24	14.77	326.88	13.76	363.40	12.74	399.82	11.68
290.91	14.76	327.54	13.71	364.07	12.76	400.48	11.67
291.57	14.78	328.21	13.71	364.73	12.74	401.14	11.64
292.24	14.76	328.87	13.66	365.39	12.73	401.81	11.63
292.91	14.74	329.54	13.59	366.06	12.68	402.47	11.62
293.57	14.73	330.20	13.58	366.72	12.68	403.13	11.64
294.24	14.72	330.87	13.55	367.38	12.63	403.79	11.60
294.91	14.70	331.53	13.51	368.05	12.63	404.45	11.57
295.57	14.68	332.20	13.50	368.71	12.58	405.11	11.58
296.24	14.65	332.86	13.49	369.37	12.57	405.77	11.55
296.91	14.64	333.53	13.47	370.03	12.56	406.43	11.52
297.58	14.60	334.19	13.42	370.70	12.54	407.09	11.50
298.24	14.61	334.86	13.40	371.36	12.51	407.75	11.49
298.91	14.61	335.52	13.39	372.02	12.47	408.41	11.48
299.58	14.61	336.19	13.39	372.69	12.48	409.08	11.47
300.24	14.61	336.85	13.37	373.35	12.48	409.74	11.45
300.91	14.61	337.51	13.36	374.01	12.48	410.40	11.46
301.58	14.58	338.18	13.36	374.67	12.45	411.06	11.45
302.24	14.59	338.84	13.35	375.34	12.44	411.72	11.44
302.91	14.57	339.51	13.34	376.00	12.43	412.38	11.44
303.57	14.56	340.17	13.32	376.66	12.42	413.04	11.40
304.24	14.52	340.84	13.31	377.32	12.39	413.70	11.42
304.91	14.53	341.50	13.28	377.99	12.38	414.36	11.39
305.57	14.50	342.17	13.25	378.65	12.34	415.02	11.37
306.24	14.48	342.83	13.24	379.31	12.33	415.68	11.34
306.91	14.46	343.49	13.23	379.97	12.33	416.34	11.34
307.57	14.45	344.16	13.21	380.63	12.34	417.00	11.30
308.24	14.40	344.82	13.22	381.30	12.31	417.66	11.26
308.90	14.37	345.49	13.19	381.96	12.29	418.32	11.25
309.57	14.33	346.15	13.19	382.62	12.29	418.98	11.25
310.24	14.31	346.81	13.18	383.28	12.26	419.64	11.25
310.90	14.28	347.48	13.18	383.94	12.24	420.30	11.23
311.57	14.25	348.14	13.16	384.61	12.22	420.96	11.22
312.23	14.24	348.81	13.14	385.27	12.22	421.62	11.20
312.90	14.22	349.47	13.11	385.93	12.21	422.28	11.20
313.57	14.20	350.13	13.08	386.59	12.17	422.94	11.16
314.23	14.19	350.80	13.05	387.25	12.14	423.60	11.17
314.90	14.18	351.46	13.04	387.92	12.13	424.26	11.19
315.56	14.17	352.13	13.02	388.58	12.11	424.92	11.15
316.23	14.18	352.79	13.03	389.24	12.12	425.58	11.14
316.90	14.16	353.45	12.98	389.90	12.10	426.24	11.12
317.56	14.15	354.12	12.96	390.56	12.07	426.90	11.12
318.23	14.12	354.78	12.91	391.22	12.06	427.56	11.09
318.89	14.05	355.44	12.91	391.89	12.06	428.22	11.08
319.56	13.98	356.11	12.88	392.55	12.02	428.88	11.04
320.22	13.96	356.77	12.87	393.21	12.01	429.54	11.04
320.89	13.92	357.44	12.84	393.87	12.00	430.20	11.02
321.55	13.86	358.10	12.84	394.53	11.98	430.86	11.06
322.22	13.84	358.76	12.83	395.19	11.96	431.52	11.02

Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
432.18	11.00	468.38	10.28	504.48	9.64	540.47	9.
432.83	11.01	469.04	10.25	505.14	9.67	541.13	9.
433.49	11.01	469.70	10.29	505.79	9.66	541.78	9.
434.15	10.98	470.36	10.25	506.45	9.64	542.43	9.
434.81	10.97	471.01	10.26	507.11	9.62	543.09	9.
435.47	10.94	471.67	10.20	507.76	9.64	543.74	9.
436.13	10.96	472.33	10.17	508.42	9.62	544.39	9.
436.79	10.92	472.99	10.16	509.07	9.61	545.05	9.
437.45	10.92	473.64	10.16	509.73	9.61	545.70	9.
438.11	10.90	474.30	10.15	510.38	9.61	546.35	9.
438.77	10.91	474.96	10.12	511.04	9.58	547.01	9.
439.43	10.89	475.61	10.12	511.69	9.57	547.66	9.
440.08	10.91	476.27	10.10	512.35	9.58	548.31	9.
440.74	10.90	476.93	10.10	513.00	9.57	548.96	9.
441.40	10.89	477.58	10.09	513.66	9.56	549.62	9.
442.06	10.88	478.24	10.07	514.31	9.54	550.27	9.
442.72	10.84	478.90	10.06	514.97	9.55	550.92	9.
443.38	10.84	479.55	10.06	515.62	9.56	551.58	9.
444.04	10.82	480.21	10.03	516.27	9.53	552.23	9.
444.70	10.80	480.87	10.01	516.93	9.52	552.88	9.
445.35	10.78	481.52	10.02	517.58	9.51	553.53	9.
446.01	10.75	482.18	10.00	518.24	9.50	554.19	9.
446.67	10.74	482.84	10.00	518.89	9.50	554.84	9.
447.33	10.74	483.49	9.97	519.55	9.50	555.49	9.
447.99	10.73	484.15	9.96	520.20	9.49	556.14	9.
448.65	10.69	484.81	9.94	520.86	9.48	556.80	9.
449.31	10.70	485.46	9.92	521.51	9.48	557.45	8.
449.96	10.68	486.12	9.92	522.17	9.47	558.10	8.
450.62	10.67	486.78	9.92	522.82	9.43	558.75	8.
451.28	10.66	487.43	9.92	523.47	9.43	559.41	8.
451.94	10.64	488.09	9.92	524.13	9.43	560.06	8.
452.60	10.61	488.75	9.92	524.78	9.42	560.71	8.
453.26	10.63	489.40	9.91	525.44	9.42	561.36	8.
453.91	10.63	490.06	9.91	526.09	9.41	562.01	8.
454.57	10.61	490.71	9.90	526.75	9.42	562.67	8.
455.23	10.58	491.37	9.90	527.40	9.42	563.32	8.
455.89	10.56	492.03	9.86	528.05	9.42	563.97	8.
456.55	10.56	492.68	9.87	528.71	9.40	564.62	8.
457.20	10.53	493.34	9.86	529.36	9.39	565.27	8.
457.86	10.51	493.99	9.86	530.02	9.39	565.93	8.
458.52	10.49	494.65	9.82	530.67	9.40	566.58	8.
459.18	10.47	495.31	9.81	531.32	9.37	567.23	8.
459.84	10.48	495.96	9.84	531.98	9.38	567.88	8.
460.49	10.45	496.62	9.82	532.63	9.37	568.53	8.
461.15	10.44	497.27	9.79	533.28	9.37	569.19	8.
461.81	10.44	497.93	9.75	533.94	9.36	569.84	8.
462.47	10.42	498.58	9.78	534.59	9.33	570.49	8.
463.12	10.39	499.24	9.75	535.25	9.31	571.14	8.
463.78	10.36	499.90	9.74	535.90	9.31	571.79	8.
464.44	10.32	500.55	9.73	536.55	9.30	572.44	8.
465.10	10.33	501.21	9.73	537.21	9.28	573.10	8.
465.75	10.33	501.86	9.72	537.86	9.27	573.75	8.
466.41	10.29	502.52	9.67	538.51	9.27	574.40	8.
467.07	10.28	503.17	9.69	539.17	9.26	575.05	8.
467.73	10.30	503.83	9.67	539.82	9.26	575.70	8.
468.38	10.28	504.48	9.64	540.47	9.25	576.35	8.

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	8.73	612.77	8.27	648.43	7.84	683.98	7.36
577.66	8.72	613.42	8.27	649.08	7.84	684.62	7.36
578.31	8.73	614.07	8.26	649.72	7.83	685.27	7.35
578.96	8.70	614.72	8.24	650.37	7.83	685.91	7.34
579.61	8.69	615.37	8.24	651.02	7.83	686.56	7.35
580.26	8.69	616.02	8.23	651.66	7.81	687.20	7.33
580.91	8.69	616.67	8.20	652.31	7.82	687.85	7.36
581.56	8.65	617.32	8.22	652.96	7.83	688.49	7.32
582.21	8.65	617.96	8.19	653.61	7.79	689.14	7.29
582.86	8.65	618.61	8.17	654.25	7.79	689.78	7.28
583.52	8.61	619.26	8.16	654.90	7.79	690.43	7.30
584.17	8.61	619.91	8.14	655.55	7.76	691.07	7.28
584.82	8.61	620.56	8.13	656.19	7.76	691.72	7.28
585.47	8.60	621.21	8.14	656.84	7.78	692.36	7.26
586.12	8.59	621.86	8.13	657.49	7.76	693.01	7.28
586.77	8.59	622.51	8.11	658.13	7.77	693.65	7.27
587.42	8.56	623.16	8.13	658.78	7.75	694.30	7.26
588.07	8.56	623.80	8.10	659.43	7.75	694.94	7.26
588.72	8.57	624.45	8.09	660.07	7.75	695.59	7.24
589.37	8.56	625.10	8.12	660.72	7.72	696.23	7.22
590.02	8.57	625.75	8.10	661.37	7.70	696.87	7.24
590.67	8.55	626.40	8.09	662.01	7.70	697.52	7.24
591.32	8.54	627.05	8.07	662.66	7.70	698.16	7.23
591.97	8.54	627.70	8.07	663.31	7.68	698.81	7.20
592.63	8.55	628.34	8.06	663.95	7.68	699.45	7.19
593.28	8.52	628.99	8.05	664.60	7.67	700.10	7.19
593.93	8.51	629.64	8.03	665.25	7.65	700.74	7.19
594.58	8.52	630.29	8.03	665.89	7.64	701.39	7.18
595.23	8.51	630.94	8.00	666.54	7.62	702.03	7.18
595.88	8.49	631.59	7.99	667.19	7.60	702.67	7.15
596.53	8.46	632.23	7.98	667.83	7.59	703.32	7.15
597.18	8.47	632.88	7.98	668.48	7.57	703.96	7.15
597.83	8.46	633.53	7.99	669.12	7.54	704.61	7.18
598.48	8.43	634.18	7.94	669.77	7.56	705.25	7.15
599.13	8.45	634.83	7.97	670.42	7.56	705.90	7.14
599.78	8.42	635.48	7.96	671.06	7.56	706.54	7.13
600.43	8.40	636.12	7.95	671.71	7.55	707.18	7.11
601.08	8.41	636.77	7.95	672.35	7.53	707.83	7.10
601.73	8.40	637.42	7.94	673.00	7.52	708.47	7.11
602.38	8.40	638.07	7.93	673.65	7.51	709.11	7.08
603.03	8.39	638.71	7.91	674.29	7.48	709.76	7.08
603.68	8.37	639.36	7.89	674.94	7.45	710.40	7.06
604.33	8.37	640.01	7.89	675.58	7.46	711.05	7.07
604.98	8.37	640.66	7.89	676.23	7.47	711.69	7.06
605.63	8.37	641.31	7.90	676.88	7.43	712.33	7.07
606.28	8.36	641.95	7.89	677.52	7.40	712.98	7.06
606.93	8.35	642.60	7.89	678.17	7.42	713.62	7.06
607.58	8.35	643.25	7.88	678.81	7.40	714.26	7.04
608.23	8.34	643.90	7.87	679.46	7.40	714.91	7.04
608.88	8.33	644.54	7.87	680.10	7.40	715.55	7.04
609.52	8.31	645.19	7.87	680.75	7.36	716.20	7.00
610.17	8.31	645.84	7.83	681.39	7.39	716.84	7.00
610.82	8.32	646.49	7.85	682.04	7.39	717.48	7.00
611.47	8.30	647.13	7.83	682.68	7.39	718.13	7.02
612.12	8.29	647.78	7.85	683.33	7.37	718.77	7.00
612.77	8.27	648.43	7.84	683.98	7.36	719.41	7.00

STATION SBE020.AVG:: CRUISE 91G02 DATE & TIME Mon Mar 04 19:52:59 1991, Julian day = 63  
 LAT 24 20 N LON 92 45 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
6.0	23.436	36.417	24.883	8.991	56.0	23.352	36.420	24.910	8.966	106.0	23.359	36.430	24.916	9.005
7.0	23.438	36.420	24.885	8.986	57.0	23.349	36.421	24.912	8.971	107.0	23.359	36.430	24.916	9.004
8.0	23.438	36.421	24.885	8.989	58.0	23.347	36.421	24.912	8.974	108.0	23.359	36.430	24.916	9.005
9.0	23.439	36.420	24.885	8.989	59.0	23.347	36.421	24.912	8.978	109.0	23.360	36.430	24.916	9.003
10.0	23.436	36.419	24.885	8.986	60.0	23.347	36.421	24.912	8.980	110.0	23.360	36.431	24.916	9.002
11.0	23.432	36.419	24.886	8.985	61.0	23.349	36.420	24.911	8.979	111.0	23.360	36.431	24.916	9.003
12.0	23.423	36.416	24.886	8.986	62.0	23.345	36.421	24.913	8.975	112.0	23.361	36.431	24.916	9.005
13.0	23.411	36.414	24.888	8.983	63.0	23.345	36.421	24.913	8.978	113.0	23.361	36.432	24.916	9.006
14.0	23.397	36.410	24.889	8.981	64.0	23.344	36.422	24.914	8.980	114.0	23.362	36.432	24.916	9.005
15.0	23.392	36.409	24.890	8.977	65.0	23.345	36.422	24.914	8.979	115.0	23.360	36.432	24.917	9.005
16.0	23.393	36.409	24.889	8.977	66.0	23.345	36.421	24.913	8.981	116.0	23.353	36.431	24.918	9.004
17.0	23.384	36.407	24.891	8.978	67.0	23.345	36.422	24.913	8.980	117.0	23.347	36.430	24.919	9.009
18.0	23.382	36.407	24.891	8.976	68.0	23.345	36.423	24.914	8.981	118.0	23.347	36.430	24.919	9.009
19.0	23.384	36.407	24.891	8.977	69.0	23.346	36.423	24.915	8.979	119.0	23.338	36.429	24.921	9.008
20.0	23.383	36.408	24.892	8.979	70.0	23.347	36.424	24.914	8.984	120.0	23.185	36.408	24.950	9.020
21.0	23.382	36.408	24.892	8.977	71.0	23.347	36.424	24.914	8.986	121.0	23.062	36.391	24.973	9.032
22.0	23.382	36.408	24.892	8.979	72.0	23.347	36.424	24.914	8.964	122.0	22.320	36.256	25.083	9.046
23.0	23.382	36.408	24.892	8.977	73.0	23.347	36.423	24.914	8.979	123.0	21.634	36.210	25.242	9.049
24.0	23.380	36.409	24.893	8.979	74.0	23.347	36.424	24.914	8.983	124.0	21.588	36.231	25.271	9.060
25.0	23.383	36.409	24.892	8.974	75.0	23.347	36.423	24.914	8.984	125.0	21.598	36.232	25.269	9.061
26.0	23.379	36.409	24.894	8.975	76.0	23.348	36.424	24.914	8.986	126.0	21.576	36.247	25.286	9.065
27.0	23.381	36.409	24.893	8.977	77.0	23.348	36.425	24.915	8.988	127.0	21.583	36.266	25.299	9.071
28.0	23.381	36.410	24.894	8.976	78.0	23.349	36.425	24.915	8.990	128.0	21.575	36.266	25.301	9.074
29.0	23.384	36.410	24.893	8.976	79.0	23.348	36.425	24.915	8.990	129.0	21.561	36.266	25.305	9.074
30.0	23.380	36.411	24.895	8.976	80.0	23.348	36.425	24.915	8.991	130.0	21.539	36.271	25.315	9.072
31.0	23.381	36.412	24.896	8.975	81.0	23.347	36.425	24.915	8.990	131.0	21.545	36.280	25.320	9.074
32.0	23.382	36.412	24.895	8.976	82.0	23.347	36.425	24.915	8.993	132.0	21.512	36.272	25.323	9.072
33.0	23.382	36.413	24.896	8.970	83.0	23.347	36.425	24.915	8.994	133.0	21.430	36.278	25.350	9.071
34.0	23.382	36.413	24.896	8.969	84.0	23.347	36.424	24.915	8.993	134.0	21.409	36.297	25.370	9.074
35.0	23.382	36.414	24.897	8.975	85.0	23.347	36.425	24.915	8.992	135.0	21.404	36.311	25.382	9.072
36.0	23.384	36.414	24.896	8.975	86.0	23.347	36.425	24.915	8.993	136.0	21.367	36.310	25.392	9.072
37.0	23.384	36.415	24.897	8.977	87.0	23.348	36.425	24.915	8.993	137.0	21.350	36.307	25.395	9.073
38.0	23.383	36.417	24.898	8.977	88.0	23.348	36.425	24.915	8.992	138.0	21.288	36.314	25.417	9.069
39.0	23.383	36.417	24.899	8.975	89.0	23.347	36.425	24.916	8.992	139.0	21.264	36.327	25.433	9.069
40.0	23.383	36.418	24.899	8.976	90.0	23.348	36.425	24.915	8.994	140.0	21.232	36.332	25.446	9.066
41.0	23.382	36.418	24.899	8.976	91.0	23.348	36.425	24.915	8.994	141.0	21.238	36.332	25.444	9.071
42.0	23.375	36.418	24.902	8.974	92.0	23.348	36.425	24.915	8.993	142.0	21.262	36.329	25.436	9.066
43.0	23.369	36.418	24.904	8.973	93.0	23.348	36.425	24.915	8.992	143.0	21.316	36.408	25.481	9.065
44.0	23.364	36.419	24.906	8.973	94.0	23.348	36.425	24.915	8.993	144.0	21.369	36.449	25.498	9.063
45.0	23.365	36.419	24.905	8.974	95.0	23.349	36.425	24.915	8.992	145.0	21.355	36.463	25.511	9.072
46.0	23.366	36.418	24.905	8.972	96.0	23.349	36.425	24.915	8.996	146.0	21.290	36.461	25.528	9.072
47.0	23.360	36.420	24.907	8.967	97.0	23.350	36.425	24.915	8.990	147.0	21.298	36.441	25.511	9.069
48.0	23.358	36.420	24.908	8.964	98.0	23.350	36.426	24.915	8.987	148.0	21.187	36.462	25.557	9.069
49.0	23.357	36.420	24.909	8.965	99.0	23.351	36.426	24.915	8.988	149.0	21.092	36.508	25.619	9.074
50.0	23.358	36.420	24.908	8.972	100.0	23.355	36.429	24.916	8.990	150.0	21.033	36.515	25.640	9.082
51.0	23.359	36.420	24.908	8.968	101.0	23.357	36.428	24.915	8.997	151.0	21.158	36.469	25.571	9.076
52.0	23.359	36.420	24.908	8.970	102.0	23.357	36.428	24.915	8.997	152.0	20.985	36.487	25.632	9.077
53.0	23.353	36.420	24.910	8.973	103.0	23.358	36.430	24.916	8.997	153.0	20.756	36.531	25.728	9.079
54.0	23.351	36.421	24.911	8.974	104.0	23.358	36.430	24.916	9.003	154.0	20.723	36.530	25.737	9.079
55.0	23.354	36.420	24.910	8.974	105.0	23.358	36.430	24.916	9.004	155.0	20.702	36.528	25.741	9.078

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 LAT 24 20 N LON 92 45 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
156.0	20.677	36.534	25.751	9.079	206.0	17.922	36.396	26.363	0.000	256.0	15.614	36.070	26.660	0.000
157.0	20.560	36.537	25.786	9.081	207.0	17.924	36.399	26.364	0.000	257.0	15.514	36.048	26.667	0.000
158.0	20.598	36.530	25.770	9.077	208.0	17.930	36.393	26.358	0.000	258.0	15.443	36.040	26.676	0.000
159.0	20.409	36.521	25.814	9.078	209.0	17.800	36.375	26.376	0.000	259.0	15.421	36.036	26.678	0.000
160.0	20.168	36.504	25.866	9.080	210.0	17.708	36.366	26.392	0.000	260.0	15.415	36.034	26.677	0.000
161.0	20.052	36.515	25.906	9.079	211.0	17.664	36.360	26.398	0.000	261.0	15.401	36.031	26.678	0.000
162.0	19.977	36.517	25.927	9.080	212.0	17.622	36.353	26.404	0.000	262.0	15.388	36.028	26.679	0.000
163.0	20.218	36.502	25.851	9.080	213.0	17.571	36.352	26.415	0.000	263.0	15.359	36.025	26.683	0.000
164.0	19.901	36.505	25.938	9.077	214.0	17.601	36.346	26.403	0.000	264.0	15.327	36.022	26.688	0.000
165.0	19.866	36.505	25.947	9.080	215.0	17.476	36.325	26.418	0.000	265.0	15.304	36.017	26.689	0.000
166.0	19.843	36.506	25.954	9.079	216.0	17.264	36.298	26.448	0.000	266.0	15.234	36.003	26.694	0.000
167.0	19.768	36.516	25.982	9.081	217.0	17.148	36.292	26.472	0.000	267.0	15.173	35.997	26.703	0.000
168.0	19.739	36.509	25.984	9.082	218.0	17.119	36.288	26.476	0.000	268.0	15.153	35.993	26.705	0.000
169.0	19.758	36.510	25.979	9.083	219.0	17.097	36.289	26.482	0.000	269.0	15.115	35.986	26.708	0.000
170.0	19.624	36.510	26.015	9.081	220.0	17.176	36.290	26.464	0.000	270.0	15.083	35.981	26.711	0.000
171.0	19.535	36.524	26.049	9.082	221.0	17.013	36.260	26.480	0.000	271.0	15.044	35.976	26.716	0.000
172.0	19.496	36.532	26.065	9.081	222.0	16.913	36.259	26.503	0.000	272.0	15.027	35.975	26.719	0.000
173.0	19.410	36.539	26.094	9.083	223.0	16.882	36.256	26.508	0.000	273.0	14.960	35.962	26.724	0.000
174.0	19.388	36.540	26.100	9.082	224.0	16.854	36.251	26.510	0.000	274.0	14.946	35.960	26.725	0.000
175.0	19.364	36.543	26.108	9.086	225.0	16.823	36.247	26.515	0.000	275.0	14.896	35.950	26.729	0.000
176.0	19.340	36.545	26.116	9.089	226.0	16.879	36.256	26.509	0.000	276.0	14.801	35.936	26.739	0.000
177.0	19.314	36.544	26.122	9.085	227.0	16.825	36.241	26.510	0.000	277.0	14.777	35.935	26.743	0.000
178.0	19.272	36.541	26.130	9.083	228.0	16.730	36.234	26.527	0.000	278.0	14.754	35.930	26.744	0.000
179.0	19.179	36.541	26.155	9.084	229.0	16.701	36.229	26.530	0.000	279.0	14.718	35.924	26.748	0.000
180.0	19.131	36.547	26.172	9.093	230.0	16.658	36.225	26.537	0.000	280.0	14.748	35.928	26.744	0.000
181.0	19.161	36.547	26.164	9.094	231.0	16.615	36.218	26.542	0.000	281.0	14.822	35.934	26.732	0.000
182.0	19.156	36.546	26.165	9.087	232.0	16.549	36.210	26.552	0.000	282.0	14.673	35.912	26.748	0.000
183.0	19.063	36.540	26.184	9.084	233.0	16.529	36.204	26.552	0.000	283.0	14.628	35.910	26.757	0.000
184.0	19.022	36.540	26.194	9.088	234.0	16.470	36.195	26.558	0.000	284.0	14.584	35.903	26.761	0.000
185.0	18.973	36.537	26.205	9.096	235.0	16.433	36.189	26.563	0.000	285.0	14.563	35.900	26.763	0.000
186.0	19.037	36.532	26.185	9.093	236.0	16.375	36.181	26.571	0.000	286.0	14.541	35.896	26.765	0.000
187.0	18.970	36.526	26.197	9.092	237.0	16.362	36.181	26.573	0.000	287.0	14.532	35.895	26.766	0.000
188.0	18.657	36.472	26.236	9.085	238.0	16.339	36.177	26.575	0.000	288.0	14.529	35.895	26.767	0.000
189.0	18.581	36.467	26.251	9.090	239.0	16.321	36.174	26.577	0.000	289.0	14.588	35.900	26.757	0.000
190.0	18.601	36.484	26.259	9.092	240.0	16.261	36.163	26.583	0.000	290.0	14.605	35.899	26.753	0.000
191.0	18.556	36.461	26.253	9.092	241.0	16.203	36.154	26.589	0.000	291.0	14.524	35.891	26.764	0.000
192.0	18.446	36.444	26.268	9.091	242.0	16.146	36.144	26.595	0.000	292.0	14.500	35.889	26.768	0.000
193.0	18.368	36.442	26.286	9.090	243.0	16.105	36.139	26.601	0.000	293.0	14.491	35.888	26.769	0.000
194.0	18.365	36.442	26.287	9.095	244.0	16.090	36.136	26.602	0.000	294.0	14.480	35.886	26.770	0.000
195.0	18.369	36.439	26.283	9.093	245.0	16.059	36.130	26.604	0.000	295.0	14.471	35.885	26.771	0.000
196.0	18.278	36.429	26.299	9.093	246.0	15.998	36.119	26.610	0.000	296.0	14.463	35.883	26.771	0.000
197.0	18.206	36.423	26.312	9.095	247.0	15.935	36.114	26.621	0.000	297.0	14.459	35.882	26.772	0.000
198.0	18.146	36.417	26.323	9.095	248.0	15.916	36.113	26.625	0.000	298.0	14.446	35.881	26.773	0.000
199.0	18.090	36.419	26.338	9.097	249.0	16.009	36.121	26.609	0.000	299.0	14.439	35.881	26.775	0.000
200.0	18.058	36.414	26.342	9.097	250.0	15.915	36.102	26.616	0.000	300.0	14.438	35.876	26.771	0.000
201.0	17.997	36.407	26.352	0.000	251.0	15.797	36.091	26.635	0.000	301.0	14.364	35.863	26.777	0.000
202.0	17.967	36.404	26.357	0.000	252.0	15.744	36.086	26.643	0.000	302.0	14.324	35.859	26.783	0.000
203.0	17.953	36.403	26.360	0.000	253.0	15.704	36.081	26.648	0.000	303.0	14.266	35.851	26.789	0.000
204.0	17.948	36.402	26.360	0.000	254.0	15.679	36.077	26.651	0.000	304.0	14.209	35.844	26.796	0.000
205.0	17.944	36.400	26.360	0.000	255.0	15.644	36.071	26.655	0.000	305.0	14.183	35.840	26.799	0.000

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DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
306.0	14.158	35.836	26.801	0.000	356.0	12.819	35.624	26.914	0.000	406.0	11.469	35.420	27.017	0.000
307.0	14.270	35.853	26.790	0.000	357.0	12.791	35.621	26.917	0.000	407.0	11.466	35.419	27.016	0.000
308.0	14.158	35.826	26.793	0.000	358.0	12.767	35.617	26.919	0.000	408.0	11.457	35.417	27.017	0.000
309.0	14.040	35.816	26.810	0.000	359.0	12.753	35.616	26.920	0.000	409.0	11.448	35.416	27.018	0.000
310.0	13.975	35.805	26.816	0.000	360.0	12.742	35.613	26.921	0.000	410.0	11.465	35.416	27.015	0.000
311.0	13.867	35.788	26.825	0.000	361.0	12.775	35.616	26.917	0.000	411.0	11.429	35.411	27.017	0.000
312.0	13.790	35.779	26.834	0.000	362.0	12.710	35.605	26.921	0.000	412.0	11.405	35.408	27.019	0.000
313.0	13.782	35.783	26.839	0.000	363.0	12.657	35.599	26.927	0.000	413.0	11.388	35.407	27.022	0.000
314.0	13.899	35.786	26.817	0.000	364.0	12.638	35.597	26.929	0.000	414.0	11.371	35.403	27.021	0.000
315.0	13.745	35.770	26.837	0.000	365.0	12.628	35.594	26.929	0.000	415.0	11.352	35.403	27.025	0.000
316.0	13.725	35.769	26.840	0.000	366.0	12.616	35.593	26.930	0.000	416.0	11.358	35.403	27.025	0.000
317.0	13.704	35.765	26.842	0.000	367.0	12.611	35.591	26.930	0.000	417.0	11.386	35.403	27.019	0.000
318.0	13.680	35.761	26.844	0.000	368.0	12.579	35.587	26.933	0.000	418.0	11.307	35.394	27.026	0.000
319.0	13.662	35.759	26.845	0.000	369.0	12.570	35.586	26.934	0.000	419.0	11.292	35.393	27.029	0.000
320.0	13.657	35.757	26.845	0.000	370.0	12.533	35.579	26.936	0.000	420.0	11.285	35.393	27.030	0.000
321.0	13.647	35.755	26.845	0.000	371.0	12.472	35.568	26.940	0.000	421.0	11.275	35.390	27.029	0.000
322.0	13.612	35.748	26.848	0.000	372.0	12.432	35.564	26.944	0.000	422.0	11.251	35.386	27.031	0.000
323.0	13.581	35.744	26.851	0.000	373.0	12.420	35.562	26.945	0.000	423.0	11.240	35.385	27.032	0.000
324.0	13.540	35.737	26.854	0.000	374.0	12.391	35.557	26.946	0.000	424.0	11.211	35.379	27.033	0.000
325.0	13.495	35.731	26.859	0.000	375.0	12.360	35.553	26.949	0.000	425.0	11.183	35.375	27.035	0.000
326.0	13.454	35.724	26.862	0.000	376.0	12.347	35.550	26.950	0.000	426.0	11.154	35.371	27.037	0.000
327.0	13.442	35.721	26.862	0.000	377.0	12.333	35.547	26.950	0.000	427.0	11.131	35.368	27.039	0.000
328.0	13.367	35.710	26.869	0.000	378.0	12.309	35.543	26.952	0.000	428.0	11.089	35.363	27.043	0.000
329.0	13.354	35.709	26.870	0.000	379.0	12.279	35.538	26.954	0.000	429.0	11.068	35.360	27.044	0.000
330.0	13.350	35.708	26.871	0.000	380.0	12.222	35.532	26.960	0.000	430.0	11.037	35.355	27.046	0.000
331.0	13.340	35.706	26.871	0.000	381.0	12.216	35.530	26.959	0.000	431.0	10.975	35.346	27.050	0.000
332.0	13.326	35.704	26.873	0.000	382.0	12.295	35.538	26.950	0.000	432.0	10.935	35.340	27.053	0.000
333.0	13.298	35.700	26.875	0.000	383.0	12.102	35.508	26.964	0.000	433.0	10.880	35.332	27.056	0.000
334.0	13.281	35.697	26.877	0.000	384.0	12.048	35.508	26.975	0.000	434.0	10.860	35.330	27.058	0.000
335.0	13.334	35.704	26.871	0.000	385.0	12.010	35.500	26.976	0.000	435.0	10.856	35.329	27.059	0.000
336.0	13.290	35.692	26.871	0.000	386.0	11.971	35.494	26.979	0.000	436.0	10.852	35.329	27.059	0.000
337.0	13.246	35.691	26.879	0.000	387.0	11.929	35.490	26.984	0.000	437.0	10.858	35.329	27.058	0.000
338.0	13.236	35.689	26.880	0.000	388.0	11.944	35.499	26.989	0.000	438.0	10.872	35.327	27.054	0.000
339.0	13.220	35.686	26.881	0.000	389.0	11.957	35.492	26.980	0.000	439.0	10.825	35.324	27.060	0.000
340.0	13.197	35.682	26.882	0.000	390.0	11.874	35.478	26.985	0.000	440.0	10.784	35.318	27.063	0.000
341.0	13.166	35.679	26.886	0.000	391.0	11.827	35.472	26.990	0.000	441.0	10.749	35.314	27.066	0.000
342.0	13.152	35.678	26.888	0.000	392.0	11.811	35.471	26.992	0.000	442.0	10.727	35.311	27.068	0.000
343.0	13.135	35.674	26.889	0.000	393.0	11.802	35.468	26.991	0.000	443.0	10.713	35.309	27.069	0.000
344.0	13.156	35.679	26.888	0.000	394.0	11.740	35.457	26.994	0.000	444.0	10.698	35.307	27.069	0.000
345.0	13.168	35.677	26.884	0.000	395.0	11.694	35.455	27.001	0.000	445.0	10.680	35.305	27.072	0.000
346.0	13.110	35.670	26.891	0.000	396.0	11.670	35.449	27.002	0.000	446.0	10.697	35.308	27.071	0.000
347.0	13.099	35.668	26.891	0.000	397.0	11.649	35.447	27.004	0.000	447.0	10.692	35.305	27.070	0.000
348.0	13.067	35.662	26.893	0.000	398.0	11.639	35.444	27.003	0.000	448.0	10.650	35.298	27.071	0.000
349.0	13.034	35.659	26.897	0.000	399.0	11.604	35.440	27.007	0.000	449.0	10.624	35.297	27.076	0.000
350.0	13.011	35.655	26.899	0.000	400.0	11.589	35.438	27.008	0.000	450.0	10.602	35.293	27.076	0.000
351.0	12.999	35.657	26.903	0.000	401.0	11.563	35.434	27.010	0.000	451.0	10.553	35.287	27.080	0.000
352.0	12.997	35.651	26.898	0.000	402.0	11.519	35.427	27.013	0.000	452.0	10.522	35.284	27.083	0.000
353.0	12.915	35.639	26.906	0.000	403.0	11.493	35.425	27.016	0.000	453.0	10.500	35.283	27.086	0.000
354.0	12.872	35.633	26.910	0.000	404.0	11.497	35.423	27.014	0.000	454.0	10.560	35.289	27.080	0.000
355.0	12.854	35.631	26.912	0.000	405.0	11.474	35.420	27.016	0.000	455.0	10.544	35.282	27.077	0.000



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DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
456.0	10.471	35.276	27.086	0.000	506.0	9.623	35.164	27.145	0.000	556.0	8.777	35.067	27.206	0.000
457.0	10.448	35.274	27.088	0.000	507.0	9.560	35.159	27.151	0.000	557.0	8.775	35.067	27.207	0.000
458.0	10.415	35.269	27.090	0.000	508.0	9.539	35.156	27.152	0.000	558.0	8.779	35.066	27.206	0.000
459.0	10.379	35.265	27.093	0.000	509.0	9.517	35.154	27.155	0.000	559.0	8.736	35.059	27.207	0.000
460.0	10.355	35.262	27.096	0.000	510.0	9.512	35.154	27.156	0.000	560.0	8.717	35.061	27.211	0.000
461.0	10.340	35.260	27.097	0.000	511.0	9.508	35.153	27.155	0.000	561.0	8.705	35.057	27.210	0.000
462.0	10.352	35.263	27.097	0.000	512.0	9.490	35.149	27.155	0.000	562.0	8.684	35.055	27.212	0.000
463.0	10.403	35.266	27.090	0.000	513.0	9.477	35.148	27.157	0.000	563.0	8.665	35.054	27.214	0.000
464.0	10.322	35.252	27.093	0.000	514.0	9.472	35.150	27.159	0.000	564.0	8.648	35.052	27.215	0.000
465.0	10.224	35.244	27.104	0.000	515.0	9.451	35.146	27.159	0.000	565.0	8.667	35.052	27.213	0.000
466.0	10.202	35.242	27.106	0.000	516.0	9.423	35.142	27.160	0.000	566.0	8.637	35.048	27.214	0.000
467.0	10.184	35.240	27.108	0.000	517.0	9.390	35.140	27.165	0.000	567.0	8.619	35.050	27.218	0.000
468.0	10.179	35.239	27.108	0.000	518.0	9.360	35.136	27.166	0.000	568.0	8.617	35.050	27.218	0.000
469.0	10.170	35.237	27.108	0.000	519.0	9.343	35.134	27.168	0.000	569.0	8.616	35.049	27.218	0.000
470.0	10.141	35.234	27.111	0.000	520.0	9.342	35.136	27.169	0.000	570.0	8.613	35.048	27.218	0.000
471.0	10.131	35.230	27.110	0.000	521.0	9.346	35.134	27.167	0.000	571.0	8.607	35.047	27.218	0.000
472.0	10.101	35.226	27.112	0.000	522.0	9.305	35.126	27.168	0.000	572.0	8.633	35.046	27.213	0.000
473.0	10.069	35.223	27.115	0.000	523.0	9.281	35.126	27.172	0.000	573.0	8.592	35.044	27.218	0.000
474.0	10.061	35.223	27.116	0.000	524.0	9.275	35.126	27.172	0.000	574.0	8.583	35.044	27.219	0.000
475.0	10.046	35.219	27.116	0.000	525.0	9.250	35.121	27.173	0.000	575.0	8.577	35.045	27.220	0.000
476.0	10.036	35.217	27.116	0.000	526.0	9.224	35.119	27.176	0.000	576.0	8.567	35.044	27.221	0.000
477.0	10.023	35.217	27.118	0.000	527.0	9.214	35.118	27.177	0.000	577.0	8.555	35.042	27.222	0.000
478.0	9.997	35.212	27.119	0.000	528.0	9.204	35.118	27.178	0.000	578.0	8.571	35.042	27.220	0.000
479.0	9.971	35.210	27.121	0.000	529.0	9.254	35.121	27.172	0.000	579.0	8.543	35.037	27.220	0.000
480.0	9.959	35.209	27.122	0.000	530.0	9.189	35.112	27.176	0.000	580.0	8.508	35.037	27.225	0.000
481.0	9.952	35.208	27.123	0.000	531.0	9.157	35.110	27.180	0.000	581.0	8.507	35.036	27.225	0.000
482.0	9.967	35.209	27.122	0.000	532.0	9.149	35.111	27.182	0.000	582.0	8.502	35.035	27.225	0.000
483.0	9.929	35.205	27.125	0.000	533.0	9.143	35.109	27.180	0.000	583.0	8.487	35.034	27.226	0.000
484.0	9.915	35.202	27.125	0.000	534.0	9.142	35.110	27.182	0.000	584.0	8.479	35.033	27.227	0.000
485.0	9.898	35.201	27.127	0.000	535.0	9.161	35.108	27.177	0.000	585.0	8.471	35.032	27.228	0.000
486.0	9.889	35.199	27.127	0.000	536.0	9.110	35.103	27.182	0.000	586.0	8.454	35.030	27.228	0.000
487.0	9.875	35.198	27.129	0.000	537.0	9.090	35.102	27.184	0.000	587.0	8.461	35.031	27.228	0.000
488.0	9.860	35.197	27.131	0.000	538.0	9.074	35.100	27.185	0.000	588.0	8.431	35.026	27.229	0.000
489.0	9.879	35.196	27.126	0.000	539.0	9.060	35.098	27.186	0.000	589.0	8.393	35.024	27.233	0.000
490.0	9.816	35.190	27.132	0.000	540.0	9.028	35.094	27.188	0.000	590.0	8.370	35.022	27.235	0.000
491.0	9.795	35.188	27.134	0.000	541.0	9.003	35.092	27.190	0.000	591.0	8.355	35.021	27.237	0.000
492.0	9.770	35.186	27.137	0.000	542.0	9.013	35.093	27.189	0.000	592.0	8.342	35.020	27.238	0.000
493.0	9.763	35.185	27.137	0.000	543.0	8.993	35.088	27.189	0.000	593.0	8.336	35.019	27.238	0.000
494.0	9.757	35.184	27.137	0.000	544.0	8.972	35.089	27.193	0.000	594.0	8.329	35.019	27.239	0.000
495.0	9.738	35.181	27.139	0.000	545.0	8.958	35.088	27.194	0.000	595.0	8.385	35.019	27.231	0.000
496.0	9.727	35.180	27.139	0.000	546.0	8.946	35.086	27.195	0.000	596.0	8.322	35.015	27.237	0.000
497.0	9.710	35.178	27.141	0.000	547.0	8.937	35.086	27.196	0.000	597.0	8.283	35.014	27.242	0.000
498.0	9.700	35.176	27.141	0.000	548.0	8.931	35.084	27.195	0.000	598.0	8.268	35.013	27.244	0.000
499.0	9.675	35.173	27.143	0.000	549.0	8.918	35.082	27.196	0.000	599.0	8.262	35.014	27.245	0.000
500.0	9.659	35.172	27.145	0.000	550.0	8.956	35.086	27.193	0.000	600.0	8.251	35.012	27.245	0.000
501.0	9.654	35.172	27.146	0.000	551.0	8.953	35.082	27.190	0.000	601.0	8.276	35.012	27.242	0.000
502.0	9.651	35.170	27.145	0.000	552.0	8.871	35.074	27.197	0.000	602.0	8.236	35.007	27.244	0.000
503.0	9.639	35.169	27.146	0.000	553.0	8.828	35.072	27.202	0.000	603.0	8.216	35.008	27.248	0.000
504.0	9.631	35.168	27.146	0.000	554.0	8.807	35.071	27.205	0.000	604.0	8.200	35.005	27.248	0.000
505.0	9.644	35.169	27.145	0.000	555.0	8.792	35.068	27.206	0.000	605.0	8.170	35.003	27.251	0.000

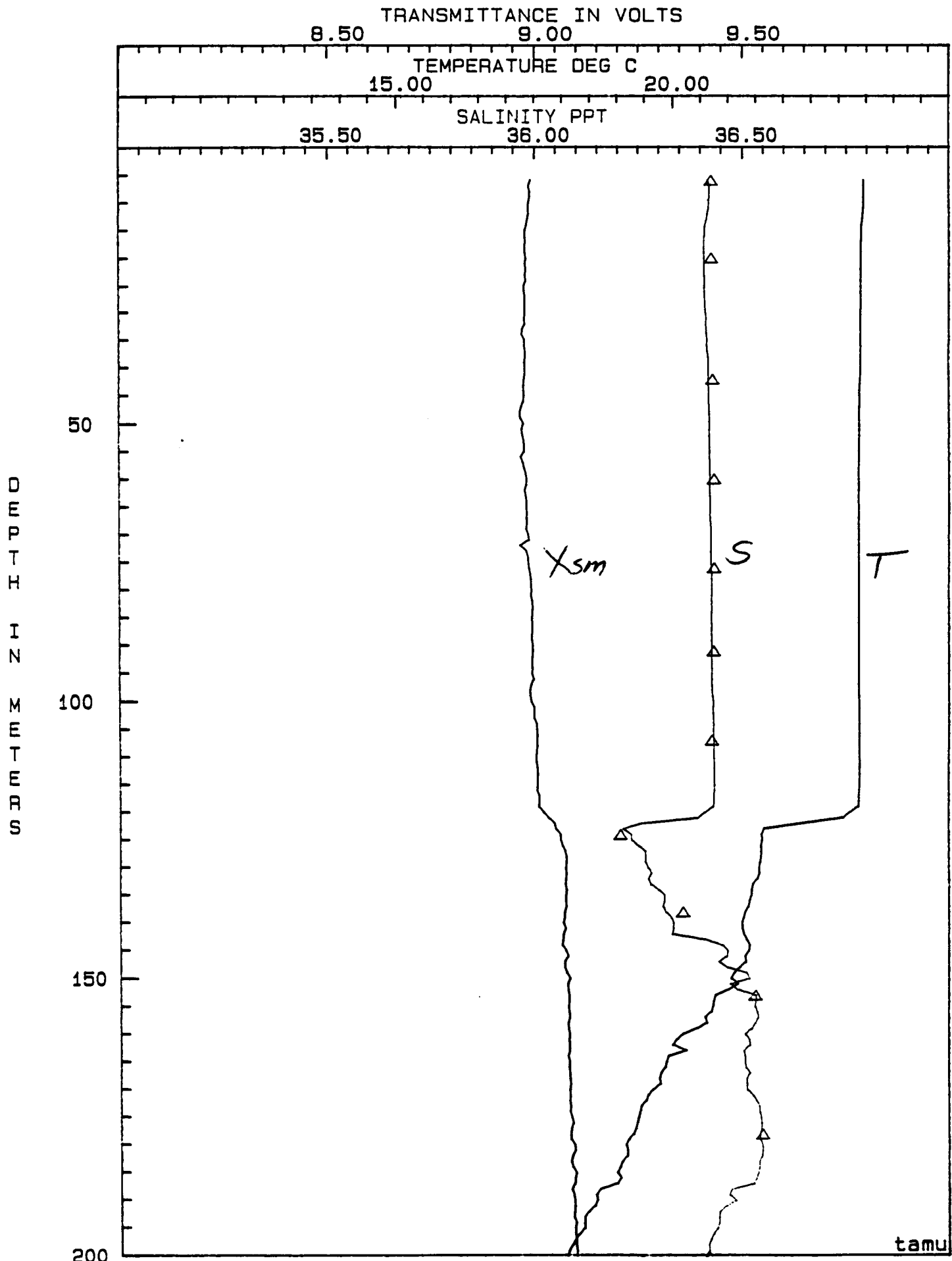
STATION SBE020.AUG:: CRUISE 91G02 DATE & TIME Mon Mar 04 19:52:59 1991, Julian day = 63  
 LAT 24 20 N LON 92 45 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
606.0	8.163	35.003	27.252	0.000	656.0	7.635	34.953	27.291	0.000	706.0	6.940	34.906	27.353	0.000
607.0	8.176	35.005	27.251	0.000	657.0	7.596	34.945	27.291	0.000	707.0	6.925	34.906	27.355	0.000
608.0	8.187	34.999	27.245	0.000	658.0	7.546	34.945	27.298	0.000	708.0	6.914	34.905	27.356	0.000
609.0	8.128	34.998	27.254	0.000	659.0	7.540	34.944	27.299	0.000	709.0	6.893	34.902	27.357	0.000
610.0	8.110	34.998	27.256	0.000	660.0	7.507	34.939	27.299	0.000	710.0	6.868	34.901	27.360	0.000
611.0	8.099	34.996	27.256	0.000	661.0	7.479	34.940	27.304	0.000	711.0	6.849	34.901	27.362	0.000
612.0	8.095	34.996	27.257	0.000	662.0	7.474	34.939	27.304	0.000	712.0	6.842	34.902	27.364	0.000
613.0	8.090	34.996	27.257	0.000	663.0	7.469	34.936	27.302	0.000	713.0	6.844	34.902	27.364	0.000
614.0	8.081	34.995	27.258	0.000	664.0	7.455	34.936	27.304	0.000	714.0	6.841	34.901	27.363	0.000
615.0	8.076	34.994	27.258	0.000	665.0	7.445	34.935	27.305	0.000	715.0	6.823	34.902	27.367	0.000
616.0	8.074	34.994	27.258	0.000	666.0	7.426	34.934	27.307	0.000	716.0	6.815	34.902	27.368	0.000
617.0	8.075	34.993	27.258	0.000	667.0	7.409	34.933	27.308	0.000	717.0	6.807	34.903	27.369	0.000
618.0	8.070	34.993	27.258	0.000	668.0	7.416	34.933	27.307	0.000	718.0	6.799	34.901	27.369	0.000
619.0	8.041	34.991	27.261	0.000	669.0	7.448	34.932	27.302	0.000	719.0	6.784	34.901	27.371	0.000
620.0	8.018	34.989	27.262	0.000	670.0	7.384	34.930	27.309	0.000	720.0	6.779	34.901	27.372	0.000
621.0	7.998	34.987	27.264	0.000	671.0	7.368	34.931	27.313	0.000	721.0	6.802	34.901	27.369	0.000
622.0	7.976	34.986	27.267	0.000	672.0	7.356	34.931	27.314	0.000	722.0	6.788	34.899	27.369	0.000
623.0	7.973	34.986	27.267	0.000	673.0	7.350	34.931	27.315	0.000	723.0	6.748	34.899	27.375	0.000
624.0	7.971	34.985	27.267	0.000	674.0	7.347	34.931	27.316	0.000	724.0	6.736	34.900	27.377	0.000
625.0	7.969	34.985	27.267	0.000	675.0	7.349	34.929	27.314	0.000	725.0	6.731	34.900	27.377	0.000
626.0	7.990	34.986	27.265	0.000	676.0	7.339	34.928	27.315	0.000	726.0	6.726	34.900	27.378	0.000
627.0	7.984	34.984	27.264	0.000	677.0	7.325	34.927	27.316	0.000	727.0	6.722	34.900	27.379	0.000
628.0	7.946	34.980	27.267	0.000	678.0	7.302	34.926	27.318	0.000	728.0	6.760	34.897	27.371	0.000
629.0	7.926	34.981	27.271	0.000	679.0	7.284	34.926	27.321	0.000	729.0	6.711	34.898	27.379	0.000
630.0	7.918	34.980	27.271	0.000	680.0	7.271	34.924	27.321	0.000	730.0	6.696	34.899	27.381	0.000
631.0	7.910	34.979	27.271	0.000	681.0	7.245	34.923	27.323	0.000	731.0	6.688	34.899	27.382	0.000
632.0	7.896	34.978	27.272	0.000	682.0	7.230	34.922	27.325	0.000	732.0	6.682	34.899	27.383	0.000
633.0	7.930	34.978	27.268	0.000	683.0	7.221	34.921	27.326	0.000	733.0	6.679	34.899	27.384	0.000
634.0	7.905	34.976	27.270	0.000	684.0	7.215	34.920	27.325	0.000	734.0	6.675	34.898	27.384	0.000
635.0	7.860	34.972	27.273	0.000	685.0	7.205	34.919	27.327	0.000	735.0	6.687	34.899	27.382	0.000
636.0	7.838	34.971	27.276	0.000	686.0	7.198	34.919	27.327	0.000	736.0	6.668	34.896	27.383	0.000
637.0	7.828	34.971	27.277	0.000	687.0	7.193	34.919	27.328	0.000	737.0	6.644	34.897	27.387	0.000
638.0	7.809	34.969	27.279	0.000	688.0	7.174	34.917	27.330	0.000	738.0	6.630	34.897	27.389	0.000
639.0	7.822	34.971	27.278	0.000	689.0	7.163	34.916	27.330	0.000	739.0	6.615	34.897	27.390	0.000
640.0	7.818	34.966	27.275	0.000	690.0	7.145	34.916	27.333	0.000	740.0	6.600	34.896	27.392	0.000
641.0	7.783	34.964	27.278	0.000	691.0	7.132	34.915	27.333	0.000	741.0	6.591	34.895	27.392	0.000
642.0	7.758	34.964	27.282	0.000	692.0	7.117	34.914	27.335	0.000	742.0	6.579	34.894	27.393	0.000
643.0	7.753	34.964	27.283	0.000	693.0	7.105	34.914	27.337	0.000	743.0	6.585	34.893	27.391	0.000
644.0	7.748	34.964	27.284	0.000	694.0	7.089	34.913	27.338	0.000	744.0	6.550	34.893	27.396	0.000
645.0	7.735	34.961	27.283	0.000	695.0	7.083	34.913	27.339	0.000	745.0	6.535	34.892	27.398	0.000
646.0	7.724	34.960	27.284	0.000	696.0	7.068	34.911	27.339	0.000	746.0	6.532	34.893	27.398	0.000
647.0	7.711	34.959	27.285	0.000	697.0	7.044	34.911	27.343	0.000	747.0	6.531	34.893	27.398	0.000
648.0	7.727	34.959	27.282	0.000	698.0	7.035	34.910	27.343	0.000	748.0	6.530	34.893	27.398	0.000
649.0	7.697	34.955	27.284	0.000	699.0	7.029	34.911	27.345	0.000	749.0	6.528	34.892	27.398	0.000
650.0	7.680	34.955	27.287	0.000	700.0	7.026	34.910	27.345	0.000	750.0	6.539	34.891	27.396	0.000
651.0	7.674	34.956	27.288	0.000	701.0	7.017	34.910	27.345	0.000	751.0	6.537	34.890	27.396	0.000
652.0	7.668	34.956	27.289	0.000	702.0	7.005	34.909	27.346	0.000	752.0	6.510	34.891	27.400	0.000
653.0	7.656	34.953	27.289	0.000	703.0	6.988	34.909	27.349	0.000	753.0	6.501	34.893	27.403	0.000
654.0	7.637	34.952	27.290	0.000	704.0	7.007	34.907	27.345	0.000	754.0	6.491	34.893	27.404	0.000
655.0	7.601	34.949	27.293	0.000	705.0	6.964	34.907	27.351	0.000	755.0	6.484	34.892	27.404	0.000

STATION SBE020.AVG:: CRUISE 91G02 DATE & TIME Mon Mar 04 19:52:59 1991, Julian day = 63  
 LAT 24 20 N LON 92 45 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
756.0	6.476	34.891	27.405	0.000	806.0	6.151	34.887	27.444	0.000	856.0	5.914	34.887	27.475	0.000
757.0	6.469	34.892	27.406	0.000	807.0	6.146	34.886	27.444	0.000	857.0	5.907	34.887	27.476	0.000
758.0	6.475	34.890	27.404	0.000	808.0	6.137	34.886	27.446	0.000	858.0	5.896	34.888	27.478	0.000
759.0	6.453	34.891	27.407	0.000	809.0	6.130	34.886	27.446	0.000	859.0	5.889	34.889	27.479	0.000
760.0	6.448	34.891	27.408	0.000	810.0	6.130	34.886	27.446	0.000	860.0	5.886	34.889	27.480	0.000
761.0	6.446	34.891	27.408	0.000	811.0	6.120	34.885	27.447	0.000	861.0	5.880	34.889	27.480	0.000
762.0	6.436	34.890	27.409	0.000	812.0	6.113	34.886	27.448	0.000	862.0	5.879	34.889	27.480	0.000
763.0	6.431	34.891	27.411	0.000	813.0	6.113	34.886	27.448	0.000	863.0	5.877	34.887	27.479	0.000
764.0	6.422	34.889	27.411	0.000	814.0	6.108	34.886	27.449	0.000	864.0	5.857	34.889	27.484	0.000
765.0	6.408	34.890	27.413	0.000	815.0	6.104	34.887	27.450	0.000	865.0	5.847	34.889	27.485	0.000
766.0	6.407	34.889	27.412	0.000	816.0	6.101	34.887	27.451	0.000	866.0	5.844	34.890	27.486	0.000
767.0	6.382	34.888	27.415	0.000	817.0	6.100	34.886	27.450	0.000	867.0	5.841	34.890	27.486	0.000
768.0	6.372	34.889	27.417	0.000	818.0	6.112	34.885	27.448	0.000	868.0	5.840	34.890	27.486	0.000
769.0	6.368	34.889	27.417	0.000	819.0	6.096	34.886	27.451	0.000	869.0	5.849	34.887	27.483	0.000
770.0	6.363	34.889	27.418	0.000	820.0	6.087	34.888	27.453	0.000	870.0	5.823	34.889	27.488	0.000
771.0	6.359	34.888	27.418	0.000	821.0	6.085	34.886	27.453	0.000	871.0	5.811	34.890	27.490	0.000
772.0	6.356	34.888	27.418	0.000	822.0	6.081	34.888	27.454	0.000	872.0	5.802	34.890	27.491	0.000
773.0	6.351	34.888	27.419	0.000	823.0	6.080	34.887	27.453	0.000	873.0	5.799	34.891	27.492	0.000
774.0	6.346	34.888	27.420	0.000	824.0	6.078	34.887	27.454	0.000	874.0	5.797	34.891	27.492	0.000
775.0	6.328	34.888	27.422	0.000	825.0	6.077	34.887	27.454	0.000	875.0	5.798	34.890	27.492	0.000
776.0	6.317	34.888	27.424	0.000	826.0	6.071	34.886	27.454	0.000	876.0	5.807	34.889	27.490	0.000
777.0	6.329	34.887	27.421	0.000	827.0	6.061	34.887	27.456	0.000	877.0	5.783	34.890	27.493	0.000
778.0	6.323	34.886	27.421	0.000	828.0	6.055	34.887	27.457	0.000	878.0	5.774	34.891	27.495	0.000
779.0	6.291	34.888	27.427	0.000	829.0	6.054	34.887	27.457	0.000	879.0	5.768	34.891	27.496	0.000
780.0	6.287	34.888	27.427	0.000	830.0	6.048	34.886	27.457	0.000	880.0	5.757	34.890	27.497	0.000
781.0	6.284	34.888	27.427	0.000	831.0	6.036	34.887	27.459	0.000	881.0	5.745	34.891	27.499	0.000
782.0	6.275	34.888	27.429	0.000	832.0	6.029	34.886	27.459	0.000	882.0	5.736	34.891	27.500	0.000
783.0	6.271	34.888	27.429	0.000	833.0	6.019	34.887	27.462	0.000	883.0	5.731	34.891	27.501	0.000
784.0	6.273	34.888	27.429	0.000	834.0	6.013	34.887	27.462	0.000	884.0	5.729	34.892	27.501	0.000
785.0	6.285	34.886	27.426	0.000	835.0	6.008	34.887	27.463	0.000	885.0	5.730	34.891	27.501	0.000
786.0	6.262	34.888	27.431	0.000	836.0	6.018	34.886	27.460	0.000	886.0	5.724	34.891	27.502	0.000
787.0	6.257	34.888	27.431	0.000	837.0	6.018	34.885	27.459	0.000	887.0	5.719	34.891	27.502	0.000
788.0	6.243	34.890	27.434	0.000	838.0	5.998	34.887	27.464	0.000	888.0	5.714	34.892	27.504	0.000
789.0	6.233	34.886	27.433	0.000	839.0	5.995	34.886	27.464	0.000	889.0	5.712	34.892	27.504	0.000
790.0	6.229	34.887	27.435	0.000	840.0	5.990	34.888	27.466	0.000	890.0	5.707	34.892	27.504	0.000
791.0	6.238	34.888	27.434	0.000	841.0	5.986	34.887	27.466	0.000	891.0	5.701	34.892	27.505	0.000
792.0	6.224	34.886	27.434	0.000	842.0	5.981	34.887	27.466	0.000	892.0	5.699	34.892	27.506	0.000
793.0	6.215	34.887	27.436	0.000	843.0	5.979	34.886	27.466	0.000	893.0	5.697	34.892	27.506	0.000
794.0	6.210	34.886	27.436	0.000	844.0	5.982	34.885	27.465	0.000	894.0	5.695	34.892	27.506	0.000
795.0	6.205	34.886	27.437	0.000	845.0	5.955	34.886	27.469	0.000	895.0	5.691	34.891	27.506	0.000
796.0	6.196	34.885	27.437	0.000	846.0	5.945	34.887	27.471	0.000	896.0	5.695	34.892	27.506	0.000
797.0	6.193	34.886	27.438	0.000	847.0	5.938	34.887	27.472	0.000	897.0	5.683	34.892	27.508	0.000
798.0	6.190	34.885	27.438	0.000	848.0	5.936	34.888	27.472	0.000	898.0	5.678	34.893	27.509	0.000
799.0	6.184	34.886	27.439	0.000	849.0	5.935	34.887	27.472	0.000	899.0	5.675	34.893	27.509	0.000
800.0	6.181	34.886	27.439	0.000	850.0	5.940	34.886	27.471	0.000	900.0	5.670	34.893	27.510	0.000
801.0	6.177	34.886	27.440	0.000	851.0	5.935	34.887	27.472	0.000	901.0	5.666	34.893	27.511	0.000
802.0	6.173	34.886	27.441	0.000	852.0	5.930	34.888	27.474	0.000	902.0	5.664	34.893	27.510	0.000
803.0	6.175	34.886	27.440	0.000	853.0	5.917	34.888	27.475	0.000	903.0	5.663	34.893	27.511	0.000
804.0	6.182	34.885	27.438	0.000	854.0	5.911	34.888	27.476	0.000	904.0	5.676	34.891	27.508	0.000
805.0	6.157	34.886	27.443	0.000	855.0	5.908	34.889	27.477	0.000	905.0	5.653	34.892	27.511	0.000





CRUISE: 91G02 STATION: SBE020.A DATE: Mar 04 19:52:59 1991  
 LATITUDE: 24 20 N LONGITUDE: 92 45 W  
 TRIANGLES DENOTE DISCRETE SAMPLES

Cruise: 91602  
 Date: 03-04-1991  
 Time: 23:00:51 GMT  
 Lat: 24 00.00 N  
 Lon: 92 45.00 W  
 Stn. 21

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	23.48	68.78	23.44	102.69	23.42
		35.46	23.50	69.46	23.44	103.37	23.41
2.05	23.62	36.14	23.49	70.14	23.44	104.04	23.41
2.73	23.62	36.82	23.48	70.81	23.44	104.72	23.41
3.41	23.61	37.50	23.48	71.49	23.43	105.40	23.42
4.10	23.61	38.18	23.49	72.17	23.43	106.07	23.42
4.78	23.62	38.86	23.49	72.85	23.44	106.75	23.42
5.46	23.66	39.54	23.48	73.53	23.44	107.43	23.41
6.14	23.65	40.22	23.48	74.21	23.44	108.11	23.41
6.83	23.64	40.90	23.49	74.89	23.44	108.78	23.40
7.51	23.64	41.58	23.48	75.57	23.44	109.46	23.41
8.19	23.64	42.26	23.48	76.25	23.45	110.14	23.39
8.87	23.62	42.94	23.47	76.92	23.43	110.81	23.38
9.56	23.62	43.62	23.48	77.60	23.43	111.49	23.38
10.24	23.62	44.31	23.48	78.28	23.44	112.17	23.37
10.92	23.63	44.99	23.48	78.96	23.43	112.84	23.37
11.60	23.61	45.67	23.48	79.64	23.44	113.52	23.36
12.28	23.61	46.35	23.48	80.32	23.43	114.20	23.32
12.97	23.60	47.03	23.47	81.00	23.43	114.87	23.23
13.65	23.61	47.71	23.47	81.67	23.44	115.55	23.13
14.33	23.60	48.39	23.47	82.35	23.43	116.23	23.00
15.01	23.60	49.07	23.46	83.03	23.44	116.90	22.91
15.69	23.60	49.75	23.47	83.71	23.44	117.58	22.86
16.38	23.59	50.43	23.48	84.39	23.43	118.26	22.79
17.06	23.58	51.11	23.46	85.07	23.43	118.93	22.74
17.74	23.57	51.79	23.47	85.74	23.44	119.61	22.70
18.42	23.58	52.47	23.47	86.42	23.42	120.29	22.58
19.10	23.56	53.15	23.47	87.10	23.43	120.96	22.51
19.79	23.56	53.83	23.46	87.78	23.42	121.64	22.46
20.47	23.54	54.51	23.46	88.46	23.43	122.31	22.37
21.15	23.54	55.19	23.46	89.13	23.43	122.99	22.25
21.83	23.53	55.87	23.47	89.81	23.42	123.67	22.10
22.51	23.54	56.55	23.47	90.49	23.43	124.34	22.03
23.19	23.53	57.23	23.44	91.17	23.43	125.02	21.98
23.88	23.53	57.91	23.47	91.85	23.44	125.70	21.90
24.56	23.52	58.59	23.45	92.52	23.44	126.37	21.87
25.24	23.54	59.27	23.46	93.20	23.43	127.05	21.83
25.92	23.53	59.95	23.45	93.88	23.42	127.72	21.80
26.60	23.51	60.63	23.45	94.56	23.42	128.40	21.77
27.28	23.51	61.30	23.44	95.24	23.41	129.07	21.75
27.96	23.50	61.98	23.46	95.91	23.43	129.75	21.76
28.65	23.50	62.66	23.45	96.59	23.42	130.43	21.75
29.33	23.49	63.34	23.44	97.27	23.43	131.10	21.72
30.01	23.51	64.02	23.44	97.95	23.42	131.78	21.68
30.69	23.48	64.70	23.45	98.62	23.43	132.45	21.66
31.37	23.50	65.38	23.44	99.30	23.42	133.13	21.65
32.05	23.49	66.06	23.44	99.98	23.42	133.81	21.64
32.73	23.50	66.74	23.44	100.66	23.43	134.48	21.62
33.41	23.49	67.42	23.43	101.33	23.41	135.16	21.61
34.09	23.48	68.10	23.44	102.01	23.42	135.83	21.59
34.78	23.48	68.78	23.44	102.69	23.42	136.51	21.59

Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
137.18	21.54	174.28	20.20	211.26	17.90	248.14	16.31
137.86	21.52	174.95	20.12	211.93	17.89	248.81	16.31
138.53	21.52	175.62	20.06	212.60	17.87	249.48	16.22
139.21	21.53	176.30	19.98	213.28	17.83	250.14	16.22
139.88	21.52	176.97	19.87	213.95	17.76	250.81	16.11
140.56	21.52	177.64	19.83	214.62	17.69	251.48	16.11
141.23	21.52	178.32	19.80	215.29	17.63	252.15	16.11
141.91	21.52	178.99	19.73	215.96	17.60	252.82	16.01
142.59	21.51	179.66	19.64	216.63	17.56	253.49	16.01
143.26	21.51	180.34	19.56	217.30	17.54	254.16	16.01
143.94	21.51	181.01	19.51	217.97	17.51	254.83	15.91
144.61	21.52	181.68	19.46	218.65	17.48	255.50	15.91
145.29	21.51	182.36	19.43	219.32	17.45	256.17	15.91
145.96	21.50	183.03	19.41	219.99	17.38	256.84	15.81
146.64	21.51	183.70	19.37	220.66	17.30	257.50	15.81
147.31	21.51	184.38	19.36	221.33	17.27	258.17	15.81
147.99	21.49	185.05	19.31	222.00	17.21	258.84	15.81
148.66	21.48	185.72	19.32	222.67	17.14	259.51	15.81
149.34	21.48	186.39	19.33	223.34	17.11	260.18	15.71
150.01	21.47	187.07	19.35	224.01	17.06	260.85	15.71
150.68	21.44	187.74	19.32	224.68	17.01	261.52	15.71
151.36	21.43	188.41	19.30	225.35	16.97	262.19	15.71
152.03	21.39	189.08	19.28	226.02	16.92	262.86	15.71
152.71	21.35	189.76	19.28	226.70	16.87	263.52	15.71
153.38	21.34	190.43	19.26	227.37	16.85	264.19	15.61
154.06	21.32	191.10	19.21	228.04	16.83	264.86	15.61
154.73	21.31	191.77	19.16	228.71	16.81	265.53	15.61
155.41	21.29	192.45	19.09	229.38	16.80	266.20	15.51
156.08	21.27	193.12	19.05	230.05	16.80	266.87	15.51
156.76	21.28	193.79	19.02	230.72	16.79	267.53	15.51
157.43	21.25	194.46	18.97	231.39	16.78	268.20	15.51
158.10	21.24	195.14	18.89	232.06	16.77	268.87	15.41
158.78	21.22	195.81	18.83	232.73	16.75	269.54	15.41
159.45	21.22	196.48	18.79	233.40	16.74	270.21	15.41
160.13	21.19	197.15	18.75	234.07	16.74	270.88	15.31
160.80	21.15	197.83	18.71	234.74	16.71	271.54	15.31
161.48	21.10	198.50	18.66	235.41	16.71	272.21	15.31
162.15	21.08	199.17	18.62	236.08	16.70	272.88	15.21
162.82	21.07	199.84	18.57	236.75	16.68	273.55	15.21
163.50	21.04	200.51	18.51	237.42	16.66	274.22	15.21
164.17	21.03	201.19	18.45	238.09	16.66	274.88	15.11
164.85	21.03	201.86	18.39	238.76	16.64	275.55	15.11
165.52	20.98	202.53	18.38	239.43	16.62	276.22	15.01
166.19	20.91	203.20	18.31	240.10	16.59	276.89	15.01
166.87	20.82	203.87	18.23	240.77	16.54	277.56	15.01
167.54	20.75	204.55	18.18	241.44	16.53	278.22	15.01
168.22	20.71	205.22	18.16	242.11	16.52	278.89	15.01
168.89	20.65	205.89	18.13	242.78	16.50	279.56	14.91
169.56	20.59	206.56	18.10	243.45	16.50	280.23	14.91
170.24	20.53	207.23	18.06	244.12	16.47	280.90	14.91
170.91	20.48	207.90	18.01	244.79	16.48	281.56	14.91
171.58	20.44	208.58	17.97	245.46	16.46	282.23	14.81
172.26	20.40	209.25	17.94	246.13	16.45	282.90	14.81
172.93	20.35	209.92	17.92	246.80	16.42	283.57	14.81
173.60	20.29	210.59	17.90	247.47	16.38	284.23	14.81
174.28	20.20	211.26	17.90	248.14	16.35	284.90	14.81

MK9 Post Trace Analysis Application

C:\XBTDATA\T-5#12.SIF

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	14.82	322.22	13.80	358.76	12.59	395.19	11.76
286.24	14.81	322.89	13.77	359.43	12.57	395.86	11.74
286.90	14.77	323.55	13.76	360.09	12.54	396.52	11.72
287.57	14.73	324.22	13.73	360.75	12.53	397.18	11.72
288.24	14.70	324.88	13.70	361.42	12.52	397.84	11.69
288.90	14.69	325.55	13.68	362.08	12.49	398.50	11.68
289.57	14.67	326.21	13.67	362.74	12.49	399.16	11.67
290.24	14.64	326.88	13.66	363.40	12.49	399.82	11.66
290.91	14.61	327.54	13.63	364.07	12.49	400.48	11.63
291.57	14.58	328.21	13.60	364.73	12.49	401.14	11.61
292.24	14.56	328.87	13.58	365.39	12.45	401.81	11.60
292.91	14.51	329.54	13.55	366.06	12.43	402.47	11.57
293.57	14.49	330.20	13.52	366.72	12.41	403.13	11.57
294.24	14.48	330.87	13.50	367.38	12.43	403.79	11.53
294.91	14.44	331.53	13.49	368.05	12.41	404.45	11.54
295.57	14.43	332.20	13.44	368.71	12.38	405.11	11.52
296.24	14.42	332.86	13.42	369.37	12.38	405.77	11.51
296.91	14.39	333.53	13.40	370.03	12.35	406.43	11.51
297.58	14.37	334.19	13.38	370.70	12.35	407.09	11.49
298.24	14.33	334.86	13.36	371.36	12.34	407.75	11.45
298.91	14.30	335.52	13.33	372.02	12.30	408.41	11.46
299.58	14.28	336.19	13.33	372.69	12.29	409.08	11.41
300.24	14.28	336.85	13.26	373.35	12.26	409.74	11.38
300.91	14.27	337.51	13.24	374.01	12.24	410.40	11.37
301.58	14.25	338.18	13.22	374.67	12.23	411.06	11.37
302.24	14.23	338.84	13.18	375.34	12.20	411.72	11.36
302.91	14.20	339.51	13.17	376.00	12.19	412.38	11.33
303.57	14.18	340.17	13.18	376.66	12.18	413.04	11.31
304.24	14.18	340.84	13.15	377.32	12.17	413.70	11.32
304.91	14.16	341.50	13.11	377.99	12.18	414.36	11.30
305.57	14.14	342.17	13.07	378.65	12.18	415.02	11.28
306.24	14.13	342.83	13.03	379.31	12.17	415.68	11.23
306.91	14.11	343.49	12.99	379.97	12.13	416.34	11.23
307.57	14.10	344.16	12.99	380.63	12.11	417.00	11.20
308.24	14.11	344.82	12.95	381.30	12.09	417.66	11.19
308.90	14.09	345.49	12.96	381.96	12.09	418.32	11.18
309.57	14.07	346.15	12.92	382.62	12.08	418.98	11.15
310.24	14.07	346.81	12.91	383.28	12.07	419.64	11.15
310.90	14.06	347.48	12.88	383.94	12.00	420.30	11.12
311.57	14.06	348.14	12.88	384.61	11.97	420.96	11.10
312.23	14.02	348.81	12.88	385.27	11.97	421.62	11.11
312.90	14.00	349.47	12.85	385.93	11.96	422.28	11.10
313.57	13.99	350.13	12.84	386.59	11.95	422.94	11.08
314.23	13.97	350.80	12.82	387.25	11.94	423.60	11.04
314.90	13.97	351.46	12.80	387.92	11.92	424.26	11.01
315.56	13.96	352.13	12.80	388.58	11.92	424.92	10.99
316.23	13.95	352.79	12.77	389.24	11.90	425.58	10.99
316.90	13.94	353.45	12.77	389.90	11.88	426.24	10.98
317.56	13.93	354.12	12.74	390.56	11.87	426.90	10.98
318.23	13.91	354.78	12.74	391.22	11.87	427.56	10.96
318.89	13.90	355.44	12.74	391.89	11.84	428.22	10.95
319.56	13.88	356.11	12.70	392.55	11.83	428.88	10.94
320.22	13.86	356.77	12.69	393.21	11.81	429.54	10.95
320.89	13.83	357.44	12.65	393.87	11.78	430.20	10.93
321.55	13.82	358.10	12.62	394.53	11.79	430.86	10.92
322.22	13.80	358.76	12.59	395.19	11.76	431.52	10.92



Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp
432.18	10.91	468.38	10.15	504.48	9.49	540.47	8
432.83	10.90	469.04	10.13	505.14	9.49	541.13	8
433.49	10.89	469.70	10.12	505.79	9.46	541.78	8
434.15	10.89	470.36	10.10	506.45	9.44	542.43	8
434.81	10.90	471.01	10.09	507.11	9.43	543.09	8
435.47	10.88	471.67	10.07	507.76	9.41	543.74	8
436.13	10.87	472.33	10.07	508.42	9.39	544.39	8
436.79	10.86	472.99	10.04	509.07	9.38	545.05	8
437.45	10.84	473.64	10.02	509.73	9.38	545.70	8
438.11	10.79	474.30	9.98	510.38	9.37	546.35	8
438.77	10.78	474.96	9.97	511.04	9.36	547.01	8
439.43	10.75	475.61	9.93	511.69	9.35	547.66	8
440.08	10.75	476.27	9.92	512.35	9.34	548.31	8
440.74	10.73	476.93	9.91	513.00	9.32	548.96	8
441.40	10.74	477.58	9.90	513.66	9.31	549.62	8
442.06	10.73	478.24	9.92	514.31	9.29	550.27	8
442.72	10.70	478.90	9.89	514.97	9.27	550.92	8
443.38	10.68	479.55	9.89	515.62	9.26	551.58	8
444.04	10.69	480.21	9.89	516.27	9.24	552.23	8
444.70	10.67	480.87	9.86	516.93	9.23	552.88	8
445.35	10.67	481.52	9.84	517.58	9.19	553.53	8
446.01	10.65	482.18	9.83	518.24	9.21	554.19	8
446.67	10.63	482.84	9.82	518.89	9.19	554.84	8
447.33	10.60	483.49	9.81	519.55	9.19	555.49	8
447.99	10.58	484.15	9.80	520.20	9.18	556.14	8
448.65	10.56	484.81	9.80	520.86	9.16	556.80	8
449.31	10.55	485.46	9.80	521.51	9.16	557.45	8
449.96	10.54	486.12	9.79	522.17	9.16	558.10	8
450.62	10.51	486.78	9.78	522.82	9.15	558.75	8
451.28	10.49	487.43	9.76	523.47	9.12	559.41	8
451.94	10.47	488.09	9.76	524.13	9.13	560.06	8
452.60	10.46	488.75	9.75	524.78	9.11	560.71	8
453.26	10.45	489.40	9.73	525.44	9.10	561.36	8
453.91	10.43	490.06	9.71	526.09	9.08	562.01	8
454.57	10.39	490.71	9.68	526.75	9.08	562.67	8
455.23	10.36	491.37	9.67	527.40	9.07	563.32	8
455.89	10.36	492.03	9.67	528.05	9.06	563.97	8
456.55	10.33	492.68	9.66	528.71	9.06	564.62	8
457.20	10.31	493.34	9.66	529.36	9.05	565.27	8
457.86	10.32	493.99	9.65	530.02	9.02	565.93	8
458.52	10.30	494.65	9.64	530.67	9.02	566.58	8
459.18	10.28	495.31	9.61	531.32	9.01	567.23	8
459.84	10.26	495.96	9.59	531.98	8.99	567.88	8
460.49	10.25	496.62	9.57	532.63	8.98	568.53	8
461.15	10.24	497.27	9.56	533.28	8.98	569.19	8
461.81	10.22	497.93	9.54	533.94	8.97	569.84	8
462.47	10.20	498.58	9.53	534.59	8.97	570.49	8
463.12	10.20	499.24	9.53	535.25	8.96	571.14	8
463.78	10.18	499.90	9.51	535.90	8.95	571.79	8
464.44	10.19	500.55	9.50	536.55	8.95	572.44	8
465.10	10.17	501.21	9.50	537.21	8.94	573.10	8
465.75	10.16	501.86	9.50	537.86	8.93	573.75	8
466.41	10.17	502.52	9.51	538.51	8.91	574.40	8
467.07	10.15	503.17	9.49	539.17	8.89	575.05	8
467.73	10.15	503.83	9.50	539.82	8.90	575.70	8
468.38	10.15	504.48	9.49	540.47	8.89	576.35	8

## MK9 Post Trace Analysis Application

C:\XBTDATA\T-5#12.SIP

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	8.45	612.77	8.00	648.43	7.59	683.98	7.24
577.66	8.45	613.42	7.98	649.08	7.57	684.62	7.24
578.31	8.43	614.07	7.98	649.72	7.57	685.27	7.23
578.96	8.43	614.72	7.98	650.37	7.58	685.91	7.24
579.61	8.44	615.37	7.97	651.02	7.57	686.56	7.23
580.26	8.44	616.02	7.97	651.66	7.55	687.20	7.22
580.91	8.42	616.67	7.94	652.31	7.55	687.85	7.23
581.56	8.41	617.32	7.94	652.96	7.52	688.49	7.23
582.21	8.41	617.96	7.93	653.61	7.52	689.14	7.22
582.86	8.40	618.61	7.92	654.25	7.52	689.78	7.23
583.52	8.40	619.26	7.91	654.90	7.51	690.43	7.20
584.17	8.39	619.91	7.89	655.55	7.51	691.07	7.20
584.82	8.35	620.56	7.90	656.19	7.49	691.72	7.20
585.47	8.33	621.21	7.88	656.84	7.49	692.36	7.18
586.12	8.33	621.86	7.88	657.49	7.48	693.01	7.18
586.77	8.32	622.51	7.88	658.13	7.48	693.65	7.18
587.42	8.30	623.16	7.87	658.78	7.45	694.30	7.18
588.07	8.30	623.80	7.86	659.43	7.45	694.94	7.18
588.72	8.29	624.45	7.85	660.07	7.46	695.59	7.16
589.37	8.27	625.10	7.83	660.72	7.45	696.23	7.17
590.02	8.27	625.75	7.84	661.37	7.43	696.87	7.16
590.67	8.27	626.40	7.84	662.01	7.44	697.52	7.17
591.32	8.26	627.05	7.82	662.66	7.42	698.16	7.14
591.97	8.25	627.70	7.82	663.31	7.42	698.81	7.15
592.63	8.24	628.34	7.79	663.95	7.40	699.45	7.15
593.28	8.24	628.99	7.80	664.60	7.39	700.10	7.14
593.93	8.24	629.64	7.79	665.25	7.39	700.74	7.14
594.58	8.22	630.29	7.78	665.89	7.39	701.39	7.13
595.23	8.23	630.94	7.76	666.54	7.39	702.03	7.12
595.88	8.20	631.59	7.77	667.19	7.38	702.67	7.11
596.53	8.20	632.23	7.76	667.83	7.39	703.32	7.11
597.18	8.19	632.88	7.74	668.48	7.36	703.96	7.10
597.83	8.19	633.53	7.75	669.12	7.36	704.61	7.10
598.48	8.17	634.18	7.75	669.77	7.37	705.25	7.07
599.13	8.17	634.83	7.75	670.42	7.37	705.90	7.09
599.78	8.16	635.48	7.74	671.06	7.35	706.54	7.06
600.43	8.15	636.12	7.75	671.71	7.36	707.18	7.06
601.08	8.14	636.77	7.75	672.35	7.36	707.83	7.07
601.73	8.13	637.42	7.75	673.00	7.35	708.47	7.07
602.38	8.12	638.07	7.74	673.65	7.35	709.11	7.06
603.03	8.12	638.71	7.71	674.29	7.35	709.76	7.07
603.68	8.11	639.36	7.70	674.94	7.33	710.40	7.06
604.33	8.10	640.01	7.71	675.58	7.34	711.05	7.06
604.98	8.09	640.66	7.69	676.23	7.32	711.69	7.04
605.63	8.08	641.31	7.71	676.88	7.32	712.33	7.04
606.28	8.05	641.95	7.71	677.52	7.32	712.98	7.03
606.93	8.05	642.60	7.71	678.17	7.30	713.62	7.04
607.58	8.04	643.25	7.69	678.81	7.32	714.26	7.06
608.23	8.02	643.90	7.65	679.46	7.31	714.91	7.02
608.88	8.02	644.54	7.64	680.10	7.29	715.55	7.01
609.52	8.02	645.19	7.64	680.75	7.30	716.20	7.02
610.17	8.01	645.84	7.64	681.39	7.29	716.84	7.01
610.82	8.01	646.49	7.61	682.04	7.27	717.48	7.00
611.47	8.01	647.13	7.60	682.68	7.25	718.13	6.99
612.12	7.99	647.78	7.59	683.33	7.26	718.77	6.97
612.77	8.00	648.43	7.59	683.98	7.24	719.41	6.97

Cruise: 91602  
 Date: 03-05-1991  
 Time: 03:26:54 GMT  
 Lat: 23 00.00 N  
 Lon: 93 30.00 W  
 Stn. 22

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
0.68	<del>23.99</del>	34.78	23.89	68.78	23.83	102.69	23.50
1.37	<del>23.93</del>	35.46	23.89	69.46	23.81	103.37	23.50
2.05	23.97	36.14	23.88	70.14	23.81	104.04	23.48
2.73	23.98	36.82	23.88	70.81	23.83	104.72	23.48
3.41	23.99	37.50	23.88	71.49	23.82	105.40	23.47
4.10	24.01	38.18	23.88	72.17	23.82	106.07	23.47
4.78	24.02	38.86	23.87	72.85	23.83	106.75	23.46
5.46	24.00	39.54	23.88	73.53	23.82	107.43	23.45
6.14	24.02	40.22	23.87	74.21	23.83	108.11	23.45
6.83	23.99	40.90	23.87	74.89	23.82	108.78	23.44
7.51	23.99	41.58	23.87	75.57	23.82	109.46	23.44
8.19	24.02	42.26	23.87	76.25	23.82	110.14	23.45
8.87	23.99	42.94	23.87	76.92	23.81	110.81	23.44
9.56	24.01	43.62	23.87	77.60	23.81	111.49	23.44
10.24	24.00	44.31	23.87	78.28	23.79	112.17	23.43
10.92	24.01	44.99	23.86	78.96	23.79	112.84	23.43
11.60	24.00	45.67	23.87	79.64	23.79	113.52	23.43
12.28	24.00	46.35	23.87	80.32	23.78	114.20	23.43
12.97	23.98	47.03	23.87	81.00	23.76	114.87	23.43
13.65	23.97	47.71	23.87	81.67	23.75	115.55	23.44
14.33	23.97	48.39	23.87	82.35	23.76	116.23	23.45
15.01	23.96	49.07	23.87	83.03	23.74	116.90	23.45
15.69	23.98	49.75	23.86	83.71	23.74	117.58	23.44
16.38	23.96	50.43	23.87	84.39	23.73	118.26	23.45
17.06	23.97	51.11	23.87	85.07	23.71	118.93	23.44
17.74	23.95	51.79	23.86	85.74	23.71	119.61	23.44
18.42	23.96	52.47	23.85	86.42	23.71	120.29	23.44
19.10	23.95	53.15	23.85	87.10	23.70	120.96	23.43
19.79	23.96	53.83	23.86	87.78	23.70	121.64	23.43
20.47	23.94	54.51	23.85	88.46	23.69	122.31	23.44
21.15	23.94	55.19	23.86	89.13	23.68	122.99	23.44
21.83	23.95	55.87	23.86	89.81	23.68	123.67	23.42
22.51	23.94	56.55	23.85	90.49	23.66	124.34	23.44
23.19	23.93	57.23	23.86	91.17	23.66	125.02	23.42
23.88	23.93	57.91	23.83	91.85	23.66	125.70	23.42
24.56	23.94	58.59	23.84	92.52	23.63	126.37	23.43
25.24	23.93	59.27	23.83	93.20	23.63	127.05	23.42
25.92	23.93	59.95	23.83	93.88	23.61	127.72	23.39
26.60	23.91	60.63	23.83	94.56	23.60	128.40	23.37
27.28	23.91	61.30	23.82	95.24	23.58	129.07	23.36
27.96	23.92	61.98	23.83	95.91	23.57	129.75	23.35
28.65	23.91	62.66	23.82	96.59	23.56	130.43	23.34
29.33	23.92	63.34	23.83	97.27	23.56	131.10	23.31
30.01	23.91	64.02	23.83	97.95	23.54	131.78	23.20
30.69	23.91	64.70	23.82	98.62	23.51	132.45	23.05
31.37	23.91	65.38	23.83	99.30	23.52	133.13	22.90
32.05	23.90	66.06	23.82	99.98	23.51	133.81	22.72
32.73	23.90	66.74	23.81	100.66	23.50	134.48	22.58
33.41	23.89	67.42	23.82	101.33	23.50	135.16	22.48
34.09	23.90	68.10	23.83	102.01	23.50	135.83	22.32
34.78	23.89	68.78	23.83	102.69	23.50	136.51	22.17

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	22.11	174.28	21.05	211.26	19.33	248.14	17.
137.86	22.15	174.95	21.02	211.93	19.30	248.81	17.
138.53	22.16	175.62	20.96	212.60	19.29	249.48	17.
139.21	22.20	176.30	20.93	213.28	19.25	250.14	17.
139.88	22.25	176.97	20.86	213.95	19.21	250.81	17.
140.56	22.29	177.64	20.81	214.62	19.19	251.48	17.
141.23	22.33	178.32	20.76	215.29	19.18	252.15	17.
141.91	22.38	178.99	20.73	215.96	19.15	252.82	17.
142.59	22.36	179.66	20.69	216.63	19.13	253.49	17.
143.26	22.36	180.34	20.67	217.30	19.08	254.16	17.
143.94	22.36	181.01	20.65	217.97	19.04	254.83	17.
144.61	22.36	181.68	20.63	218.65	19.00	255.50	17.
145.29	22.37	182.36	20.60	219.32	18.95	256.17	16.
145.96	22.37	183.03	20.59	219.99	18.91	256.84	16.
146.64	22.36	183.70	20.56	220.66	18.88	257.50	16.
147.31	22.33	184.38	20.52	221.33	18.85	258.17	16.
147.99	22.27	185.05	20.49	222.00	18.81	258.84	16.
148.66	22.18	185.72	20.47	222.67	18.78	259.51	16.
149.34	22.12	186.39	20.45	223.34	18.73	260.18	16.
150.01	22.10	187.07	20.43	224.01	18.67	260.85	16.
150.68	22.07	187.74	20.40	224.68	18.62	261.52	16.
151.36	22.03	188.41	20.39	225.35	18.57	262.19	16.
152.03	22.01	189.08	20.35	226.02	18.54	262.86	16.
152.71	21.99	189.76	20.31	226.70	18.50	263.52	16.
153.38	21.98	190.43	20.26	227.37	18.46	264.19	16.
154.06	21.98	191.10	20.24	228.04	18.40	264.86	16.
154.73	21.97	191.77	20.23	228.71	18.34	265.53	16.
155.41	21.95	192.45	20.22	229.38	18.29	266.20	16.
156.08	21.95	193.12	20.17	230.05	18.25	266.87	16.
156.76	21.94	193.79	20.17	230.72	18.21	267.53	16.
157.43	21.94	194.46	20.12	231.39	18.19	268.20	16.
158.10	21.92	195.14	20.06	232.06	18.13	268.87	16.
158.78	21.85	195.81	20.02	232.73	18.09	269.54	16.
159.45	21.81	196.48	19.99	233.40	18.03	270.21	16.
160.13	21.80	197.15	19.97	234.07	17.99	270.88	16.
160.80	21.78	197.83	19.94	234.74	17.96	271.54	16.
161.48	21.77	198.50	19.94	235.41	17.94	272.21	16.
162.15	21.75	199.17	19.92	236.08	17.90	272.88	16.
162.82	21.72	199.84	19.90	236.75	17.85	273.55	16.
163.50	21.68	200.51	19.89	237.42	17.80	274.22	16.
164.17	21.61	201.19	19.86	238.09	17.76	274.88	16.
164.85	21.54	201.86	19.81	238.76	17.73	275.55	16.
165.52	21.50	202.53	19.79	239.43	17.69	276.22	16.
166.19	21.45	203.20	19.75	240.10	17.67	276.89	16.
166.87	21.42	203.87	19.72	240.77	17.65	277.56	15.
167.54	21.39	204.55	19.70	241.44	17.61	278.22	15.
168.22	21.36	205.22	19.68	242.11	17.57	278.89	15.
168.89	21.33	205.89	19.68	242.78	17.55	279.56	15.
169.56	21.30	206.56	19.65	243.45	17.52	280.23	15.
170.24	21.25	207.23	19.64	244.12	17.48	280.90	16.
170.91	21.22	207.90	19.61	244.79	17.46	281.56	16.
171.58	21.18	208.58	19.58	245.46	17.42	282.23	16.
172.26	21.13	209.25	19.49	246.13	17.40	282.90	16.
172.93	21.11	209.92	19.39	246.80	17.39	283.57	16.
173.60	21.07	210.59	19.36	247.47	17.37	284.23	16.
174.28	21.05	211.26	19.33	248.14	17.35	284.90	16.

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	16.53	322.22	16.43	358.76	13.45	395.19	12.18
286.24	16.56	322.89	16.30	359.43	13.44	395.86	12.16
286.90	16.62	323.55	16.08	360.09	13.44	396.52	12.14
287.57	16.67	324.22	15.63	360.75	13.41	397.18	12.15
288.24	16.68	324.88	15.16	361.42	13.41	397.84	12.11
288.90	16.79	325.55	15.06	362.08	13.44	398.50	12.14
289.57	16.86	326.21	15.21	362.74	13.42	399.16	12.11
290.24	16.85	326.88	15.06	363.40	13.39	399.82	12.11
290.91	16.86	327.54	14.90	364.07	13.44	400.48	12.09
291.57	16.87	328.21	14.85	364.73	13.47	401.14	12.09
292.24	16.92	328.87	14.88	365.39	13.40	401.81	12.09
292.91	16.94	329.54	14.75	366.06	13.33	402.47	12.04
293.57	16.94	330.20	14.71	366.72	13.38	403.13	12.01
294.24	17.04	330.87	14.68	367.38	13.28	403.79	11.98
294.91	17.10	331.53	14.65	368.05	13.24	404.45	11.96
295.57	17.13	332.20	14.61	368.71	13.22	405.11	11.96
296.24	17.20	332.86	14.59	369.37	13.13	405.77	11.91
296.91	17.23	333.53	14.61	370.03	13.08	406.43	11.87
297.58	17.24	334.19	14.55	370.70	13.06	407.09	11.86
298.24	17.23	334.86	14.50	371.36	13.04	407.75	11.84
298.91	17.24	335.52	14.52	372.02	13.01	408.41	11.80
299.58	17.26	336.19	14.46	372.69	13.02	409.08	11.81
300.24	17.22	336.85	14.41	373.35	12.94	409.74	11.79
300.91	17.21	337.51	14.39	374.01	12.99	410.40	11.77
301.58	17.21	338.18	14.35	374.67	12.92	411.06	11.74
302.24	17.15	338.84	14.31	375.34	12.82	411.72	11.72
302.91	17.14	339.51	14.24	376.00	12.78	412.38	11.73
303.57	17.13	340.17	14.26	376.66	12.74	413.04	11.69
304.24	17.07	340.84	14.15	377.32	12.75	413.70	11.66
304.91	17.03	341.50	14.16	377.99	12.76	414.36	11.66
305.57	16.99	342.17	14.03	378.65	12.72	415.02	11.63
306.24	16.97	342.83	14.03	379.31	12.70	415.68	11.61
306.91	16.91	343.49	13.95	379.97	12.68	416.34	11.59
307.57	16.91	344.16	13.95	380.63	12.66	417.00	11.57
308.24	16.90	344.82	13.91	381.30	12.64	417.66	11.57
308.90	16.98	345.49	13.93	381.96	12.64	418.32	11.55
309.57	16.99	346.15	13.94	382.62	12.60	418.98	11.55
310.24	16.96	346.81	13.94	383.28	12.58	419.64	11.56
310.90	16.93	347.48	13.89	383.94	12.56	420.30	11.61
311.57	16.90	348.14	13.89	384.61	12.53	420.96	11.56
312.23	16.90	348.81	13.85	385.27	12.47	421.62	11.53
312.90	16.86	349.47	13.83	385.93	12.44	422.28	11.50
313.57	16.85	350.13	13.78	386.59	12.44	422.94	11.48
314.23	16.88	350.80	13.74	387.25	12.41	423.60	11.46
314.90	16.86	351.46	13.68	387.92	12.37	424.26	11.43
315.56	16.84	352.13	13.65	388.58	12.43	424.92	11.44
316.23	16.80	352.79	13.61	389.24	12.36	425.58	11.41
316.90	16.79	353.45	13.59	389.90	12.32	426.24	11.41
317.56	16.75	354.12	13.58	390.56	12.28	426.90	11.41
318.23	16.71	354.78	13.56	391.22	12.31	427.56	11.40
318.89	16.69	355.44	13.54	391.89	12.28	428.22	11.38
319.56	16.67	356.11	13.63	392.55	12.24	428.88	11.37
320.22	16.60	356.77	13.48	393.21	12.22	429.54	11.36
320.89	16.55	357.44	13.51	393.87	12.21	430.20	11.34
321.55	16.52	358.10	13.47	394.53	12.19	430.86	11.33
322.22	16.43	358.76	13.45	395.19	12.18	431.52	11.29

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	11.28	468.38	10.66	504.48	10.00	540.47	9.
432.83	11.27	469.04	10.66	505.14	9.99	541.13	9.
433.49	11.26	469.70	10.62	505.79	9.98	541.78	9.
434.15	11.23	470.36	10.60	506.45	9.98	542.43	9.
434.81	11.20	471.01	10.58	507.11	9.97	543.09	9.
435.47	11.19	471.67	10.57	507.76	9.95	543.74	9.
436.13	11.18	472.33	10.56	508.42	9.91	544.39	9.
436.79	11.17	472.99	10.54	509.07	9.90	545.05	9.
437.45	11.16	473.64	10.53	509.73	9.90	545.70	9.
438.11	11.15	474.30	10.52	510.38	9.90	546.35	9.
438.77	11.14	474.96	10.51	511.04	9.86	547.01	9.
439.43	11.14	475.61	10.51	511.69	9.87	547.66	9.
440.08	11.13	476.27	10.48	512.35	9.87	548.31	9.
440.74	11.12	476.93	10.47	513.00	9.86	548.96	9.
441.40	11.12	477.58	10.46	513.66	9.87	549.62	9.
442.06	11.11	478.24	10.45	514.31	9.85	550.27	9.
442.72	11.10	478.90	10.43	514.97	9.84	550.92	9.
443.38	11.09	479.55	10.42	515.62	9.81	551.58	9.
444.04	11.10	480.21	10.41	516.27	9.81	552.23	9.
444.70	11.11	480.87	10.40	516.93	9.81	552.88	9.
445.35	11.09	481.52	10.39	517.58	9.80	553.53	9.
446.01	11.10	482.18	10.39	518.24	9.79	554.19	9.
446.67	11.07	482.84	10.36	518.89	9.79	554.84	9.
447.33	11.06	483.49	10.37	519.55	9.77	555.49	9.
447.99	11.05	484.15	10.35	520.20	9.76	556.14	9.
448.65	11.04	484.81	10.33	520.86	9.75	556.80	9.
449.31	11.01	485.46	10.33	521.51	9.74	557.45	9.
449.96	11.01	486.12	10.33	522.17	9.73	558.10	9.
450.62	11.00	486.78	10.32	522.82	9.73	558.75	9.
451.28	11.03	487.43	10.31	523.47	9.70	559.41	9.
451.94	11.00	488.09	10.28	524.13	9.70	560.06	9.
452.60	10.99	488.75	10.27	524.78	9.67	560.71	9.
453.26	10.97	489.40	10.26	525.44	9.66	561.36	9.
453.91	10.97	490.06	10.26	526.09	9.65	562.01	9.
454.57	10.94	490.71	10.25	526.75	9.65	562.67	9.
455.23	10.92	491.37	10.24	527.40	9.64	563.32	9.
455.89	10.90	492.03	10.24	528.05	9.64	563.97	9.
456.55	10.89	492.68	10.22	528.71	9.63	564.62	9.
457.20	10.89	493.34	10.22	529.36	9.62	565.27	9.
457.86	10.88	493.99	10.20	530.02	9.61	565.93	9.
458.52	10.86	494.65	10.18	530.67	9.59	566.58	9.
459.18	10.84	495.31	10.17	531.32	9.56	567.23	9.
459.84	10.83	495.96	10.15	531.98	9.55	567.88	9.
460.49	10.81	496.62	10.14	532.63	9.54	568.53	9.
461.15	10.79	497.27	10.14	533.28	9.51	569.19	9.
461.81	10.78	497.93	10.13	533.94	9.51	569.84	9.
462.47	10.75	498.58	10.11	534.59	9.50	570.49	8.
463.12	10.74	499.24	10.11	535.25	9.49	571.14	8.
463.78	10.74	499.90	10.09	535.90	9.47	571.79	8.
464.44	10.72	500.55	10.08	536.55	9.48	572.44	8.
465.10	10.68	501.21	10.07	537.21	9.47	573.10	8.
465.75	10.67	501.86	10.05	537.86	9.47	573.75	8.
466.41	10.68	502.52	10.05	538.51	9.46	574.40	8.
467.07	10.65	503.17	10.03	539.17	9.46	575.05	8.
467.73	10.65	503.83	10.02	539.82	9.46	575.70	8.
468.38	10.66	504.48	10.00	540.47	9.46	576.35	8.

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	8.89	612.77	8.52	648.43	7.96	683.98	7.52
577.66	8.90	613.42	8.50	649.08	7.96	684.62	7.52
578.31	8.88	614.07	8.51	649.72	7.93	685.27	7.50
578.96	8.88	614.72	8.49	650.37	7.93	685.91	7.51
579.61	8.86	615.37	8.48	651.02	7.91	686.56	7.49
580.26	8.86	616.02	8.48	651.66	7.88	687.20	7.49
580.91	8.85	616.67	8.47	652.31	7.88	687.85	7.47
581.56	8.85	617.32	8.44	652.96	7.86	688.49	7.48
582.21	8.83	617.96	8.44	653.61	7.85	689.14	7.45
582.86	8.85	618.61	8.44	654.25	7.83	689.78	7.44
583.52	8.83	619.26	8.42	654.90	7.82	690.43	7.43
584.17	8.82	619.91	8.41	655.55	7.83	691.07	7.43
584.82	8.82	620.56	8.40	656.19	7.80	691.72	7.42
585.47	8.81	621.21	8.38	656.84	7.79	692.36	7.43
586.12	8.81	621.86	8.37	657.49	7.79	693.01	7.42
586.77	8.79	622.51	8.37	658.13	7.78	693.65	7.41
587.42	8.77	623.16	8.36	658.78	7.78	694.30	7.40
588.07	8.75	623.80	8.34	659.43	7.78	694.94	7.39
588.72	8.75	624.45	8.34	660.07	7.77	695.59	7.39
589.37	8.75	625.10	8.33	660.72	7.76	696.23	7.39
590.02	8.74	625.75	8.32	661.37	7.73	696.87	7.40
590.67	8.72	626.40	8.30	662.01	7.72	697.52	7.38
591.32	8.73	627.05	8.29	662.66	7.71	698.16	7.36
591.97	8.73	627.70	8.27	663.31	7.71	698.81	7.37
592.63	8.72	628.34	8.27	663.95	7.69	699.45	7.36
593.28	8.72	628.99	8.25	664.60	7.69	700.10	7.35
593.93	8.71	629.64	8.24	665.25	7.69	700.74	7.32
594.58	8.71	630.29	8.23	665.89	7.67	701.39	7.31
595.23	8.69	630.94	8.22	666.54	7.68	702.03	7.29
595.88	8.68	631.59	8.20	667.19	7.66	702.67	7.29
596.53	8.69	632.23	8.18	667.83	7.67	703.32	7.29
597.18	8.67	632.88	8.17	668.48	7.66	703.96	7.29
597.83	8.66	633.53	8.16	669.12	7.66	704.61	7.29
598.48	8.65	634.18	8.15	669.77	7.66	705.25	7.29
599.13	8.65	634.83	8.14	670.42	7.65	705.90	7.27
599.78	8.63	635.48	8.14	671.06	7.64	706.54	7.27
600.43	8.63	636.12	8.12	671.71	7.63	707.18	7.27
601.08	8.62	636.77	8.12	672.35	7.61	707.83	7.25
601.73	8.63	637.42	8.11	673.00	7.60	708.47	7.24
602.38	8.62	638.07	8.11	673.65	7.60	709.11	7.23
603.03	8.61	638.71	8.10	674.29	7.59	709.76	7.21
603.68	8.60	639.36	8.09	674.94	7.59	710.40	7.21
604.33	8.60	640.01	8.08	675.58	7.58	711.05	7.22
604.98	8.61	640.66	8.08	676.23	7.59	711.69	7.20
605.63	8.59	641.31	8.08	676.88	7.57	712.33	7.19
606.28	8.59	641.95	8.06	677.52	7.58	712.98	7.18
606.93	8.61	642.60	8.06	678.17	7.57	713.62	7.18
607.58	8.60	643.25	8.05	678.81	7.57	714.26	7.18
608.23	8.59	643.90	8.03	679.46	7.57	714.91	7.17
608.88	8.60	644.54	8.03	680.10	7.55	715.55	7.17
609.52	8.58	645.19	8.02	680.75	7.56	716.20	7.18
610.17	8.57	645.84	8.01	681.39	7.56	716.84	7.15
610.82	8.57	646.49	7.99	682.04	7.54	717.48	7.15
611.47	8.53	647.13	7.98	682.68	7.55	718.13	7.15
612.12	8.52	647.78	7.98	683.33	7.52	718.77	7.17
612.77	8.52	648.43	7.96	683.98	7.52	719.41	7.15

Cruise: 91G02  
 Date: 03-05-1991  
 Time: 06:20:03 GMT  
 Lat: 24 10.00 N  
 Lon: 93 52.05 W  
 Stn. 23

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	23.95	68.78	23.95	102.69	23.94
1.37	<del>24.05</del>	35.46	23.96	69.46	23.94	103.37	23.94
2.05	<del>24.04</del>	36.14	23.95	70.14	23.94	104.04	23.95
2.73	24.00	36.82	23.95	70.81	23.93	104.72	23.93
3.41	24.01	37.50	23.95	71.49	23.95	105.40	23.95
4.10	24.03	38.18	23.95	72.17	23.93	106.07	23.93
4.78	24.05	38.86	23.95	72.85	23.93	106.75	23.93
5.46	24.05	39.54	23.95	73.53	23.93	107.43	23.93
6.14	24.06	40.22	23.94	74.21	23.93	108.11	23.93
6.83	24.09	40.90	23.94	74.89	23.93	108.78	23.95
7.51	24.09	41.58	23.95	75.57	23.93	109.46	23.94
8.19	24.09	42.26	23.95	76.25	23.93	110.14	23.94
8.87	24.08	42.94	23.95	76.92	23.93	110.81	23.93
9.56	24.06	43.62	23.95	77.60	23.94	111.49	23.94
10.24	24.05	44.31	23.95	78.28	23.93	112.17	23.95
10.92	24.05	44.99	23.94	78.96	23.93	112.84	23.94
11.60	24.05	45.67	23.94	79.64	23.93	113.52	23.94
12.28	24.03	46.35	23.95	80.32	23.93	114.20	23.94
12.97	24.03	47.03	23.94	81.00	23.93	114.87	23.92
13.65	24.03	47.71	23.93	81.67	23.93	115.55	23.93
14.33	24.02	48.39	23.94	82.35	23.93	116.23	23.92
15.01	24.02	49.07	23.94	83.03	23.93	116.90	23.91
15.69	24.03	49.75	23.95	83.71	23.93	117.58	23.92
16.38	24.01	50.43	23.94	84.39	23.93	118.26	23.94
17.06	23.99	51.11	23.93	85.07	23.93	118.93	23.94
17.74	24.02	51.79	23.94	85.74	23.93	119.61	23.91
18.42	24.00	52.47	23.94	86.42	23.95	120.29	23.91
19.10	24.00	53.15	23.94	87.10	23.94	120.96	23.93
19.79	24.01	53.83	23.95	87.78	23.95	121.64	23.92
20.47	23.98	54.51	23.95	88.46	23.92	122.31	23.91
21.15	23.98	55.19	23.94	89.13	23.94	122.99	23.92
21.83	23.98	55.87	23.95	89.81	23.95	123.67	23.92
22.51	23.99	56.55	23.95	90.49	23.93	124.34	23.92
23.19	23.97	57.23	23.95	91.17	23.94	125.02	23.91
23.88	23.96	57.91	23.94	91.85	23.94	125.70	23.89
24.56	23.96	58.59	23.95	92.52	23.94	126.37	23.86
25.24	23.97	59.27	23.93	93.20	23.94	127.05	23.82
25.92	23.97	59.95	23.94	93.88	23.94	127.72	23.78
26.60	23.97	60.63	23.94	94.56	23.93	128.40	23.76
27.28	23.96	61.30	23.95	95.24	23.93	129.07	23.75
27.96	23.96	61.98	23.93	95.91	23.93	129.75	23.74
28.65	23.95	62.66	23.94	96.59	23.94	130.43	23.67
29.33	23.96	63.34	23.94	97.27	23.94	131.10	23.56
30.01	23.96	64.02	23.93	97.95	23.93	131.78	23.46
30.69	23.96	64.70	23.94	98.62	23.93	132.45	23.38
31.37	23.96	65.38	23.93	99.30	23.93	133.13	23.35
32.05	23.96	66.06	23.93	99.98	23.94	133.81	23.31
32.73	23.96	66.74	23.94	100.66	23.93	134.48	23.26
33.41	23.95	67.42	23.94	101.33	23.94	135.16	23.23
34.09	23.94	68.10	23.94	102.01	23.93	135.83	23.18
34.78	23.95	68.78	23.95	102.69	23.94	136.51	23.08



Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	22.99	174.28	20.67	211.26	18.66	248.14	17.0
137.86	22.93	174.95	20.63	211.93	18.65	248.81	17.0
138.53	22.87	175.62	20.59	212.60	18.62	249.48	17.0
139.21	22.78	176.30	20.56	213.28	18.57	250.14	17.0
139.88	22.70	176.97	20.55	213.95	18.55	250.81	17.0
140.56	22.65	177.64	20.52	214.62	18.51	251.48	17.0
141.23	22.63	178.32	20.50	215.29	18.49	252.15	16.0
141.91	22.66	178.99	20.50	215.96	18.49	252.82	16.0
142.59	22.64	179.66	20.48	216.63	18.48	253.49	16.0
143.26	22.59	180.34	20.47	217.30	18.40	254.16	16.0
143.94	22.55	181.01	20.42	217.97	18.36	254.83	16.0
144.61	22.53	181.68	20.42	218.65	18.35	255.50	16.0
145.29	22.52	182.36	20.40	219.32	18.35	256.17	16.0
145.96	22.48	183.03	20.38	219.99	18.34	256.84	16.0
146.64	22.44	183.70	20.36	220.66	18.33	257.50	16.0
147.31	22.40	184.38	20.35	221.33	18.32	258.17	16.0
147.99	22.36	185.05	20.33	222.00	18.31	258.84	16.0
148.66	22.26	185.72	20.32	222.67	18.29	259.51	16.0
149.34	22.19	186.39	20.30	223.34	18.23	260.18	16.0
150.01	22.12	187.07	20.25	224.01	18.20	260.85	16.0
150.68	22.09	187.74	20.19	224.68	18.16	261.52	16.0
151.36	22.04	188.41	20.11	225.35	18.15	262.19	16.0
152.03	22.01	189.08	20.04	226.02	18.12	262.86	16.0
152.71	22.01	189.76	20.00	226.70	18.10	263.52	16.0
153.38	21.97	190.43	19.96	227.37	18.03	264.19	16.0
154.06	21.91	191.10	19.96	228.04	17.99	264.86	16.0
154.73	21.84	191.77	19.94	228.71	17.88	265.53	16.0
155.41	21.83	192.45	19.93	229.38	17.84	266.20	16.0
156.08	21.80	193.12	19.92	230.05	17.80	266.87	16.0
156.76	21.75	193.79	19.90	230.72	17.77	267.53	16.0
157.43	21.71	194.46	19.88	231.39	17.76	268.20	16.0
158.10	21.68	195.14	19.84	232.06	17.74	268.87	16.0
158.78	21.68	195.81	19.81	232.73	17.73	269.54	16.0
159.45	21.66	196.48	19.77	233.40	17.72	270.21	16.0
160.13	21.67	197.15	19.72	234.07	17.71	270.88	16.0
160.80	21.66	197.83	19.68	234.74	17.69	271.54	16.0
161.48	21.65	198.50	19.64	235.41	17.69	272.21	16.0
162.15	21.67	199.17	19.62	236.08	17.68	272.88	16.0
162.82	21.67	199.84	19.60	236.75	17.66	273.55	16.0
163.50	21.62	200.51	19.59	237.42	17.65	274.22	16.0
164.17	21.58	201.19	19.51	238.09	17.64	274.88	16.0
164.85	21.55	201.86	19.44	238.76	17.57	275.55	16.0
165.52	21.51	202.53	19.38	239.43	17.56	276.22	16.0
166.19	21.45	203.20	19.33	240.10	17.51	276.89	15.9
166.87	21.41	203.87	19.29	240.77	17.47	277.56	15.9
167.54	21.33	204.55	19.26	241.44	17.47	278.22	15.8
168.22	21.28	205.22	19.18	242.11	17.43	278.89	15.8
168.89	21.25	205.89	19.12	242.78	17.37	279.56	15.7
169.56	21.20	206.56	19.04	243.45	17.31	280.23	15.7
170.24	21.15	207.23	18.93	244.12	17.22	280.90	15.7
170.91	21.10	207.90	18.83	244.79	17.15	281.56	15.7
171.58	21.06	208.58	18.77	245.46	17.10	282.23	15.7
172.26	20.95	209.25	18.74	246.13	17.06	282.90	15.6
172.93	20.84	209.92	18.71	246.80	17.07	283.57	15.6
173.60	20.75	210.59	18.68	247.47	17.07	284.23	15.6
174.28	20.67	211.26	18.66	248.14	17.06	284.90	15.6

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	15.53	322.22	14.30	358.76	13.13	395.19	12.16
286.24	15.49	322.89	14.26	359.43	13.12	395.86	12.13
286.90	15.47	323.55	14.23	360.09	13.10	396.52	12.13
287.57	15.44	324.22	14.22	360.75	13.09	397.18	12.12
288.24	15.40	324.88	14.21	361.42	13.06	397.84	12.09
288.90	15.37	325.55	14.18	362.08	13.01	398.50	12.07
289.57	15.36	326.21	14.16	362.74	13.00	399.16	12.06
290.24	15.35	326.88	14.12	363.40	12.98	399.82	12.04
290.91	15.35	327.54	14.07	364.07	12.97	400.48	12.02
291.57	15.32	328.21	14.06	364.73	12.97	401.14	12.00
292.24	15.26	328.87	14.02	365.39	12.94	401.81	11.99
292.91	15.21	329.54	13.99	366.06	12.92	402.47	11.97
293.57	15.17	330.20	13.98	366.72	12.90	403.13	11.97
294.24	15.13	330.87	13.94	367.38	12.86	403.79	11.96
294.91	15.09	331.53	13.90	368.05	12.83	404.45	11.95
295.57	15.07	332.20	13.88	368.71	12.80	405.11	11.92
296.24	15.03	332.86	13.86	369.37	12.79	405.77	11.91
296.91	15.00	333.53	13.84	370.03	12.77	406.43	11.91
297.58	14.98	334.19	13.82	370.70	12.75	407.09	11.90
298.24	14.95	334.86	13.81	371.36	12.71	407.75	11.89
298.91	14.90	335.52	13.77	372.02	12.68	408.41	11.84
299.58	14.92	336.19	13.75	372.69	12.66	409.08	11.81
300.24	14.92	336.85	13.74	373.35	12.62	409.74	11.80
300.91	14.92	337.51	13.71	374.01	12.60	410.40	11.78
301.58	14.90	338.18	13.68	374.67	12.60	411.06	11.76
302.24	14.89	338.84	13.67	375.34	12.59	411.72	11.75
302.91	14.88	339.51	13.65	376.00	12.57	412.38	11.73
303.57	14.83	340.17	13.62	376.66	12.55	413.04	11.71
304.24	14.81	340.84	13.60	377.32	12.51	413.70	11.71
304.91	14.80	341.50	13.58	377.99	12.51	414.36	11.70
305.57	14.78	342.17	13.56	378.65	12.49	415.02	11.68
306.24	14.74	342.83	13.52	379.31	12.49	415.68	11.69
306.91	14.69	343.49	13.50	379.97	12.47	416.34	11.67
307.57	14.69	344.16	13.48	380.63	12.46	417.00	11.64
308.24	14.68	344.82	13.47	381.30	12.41	417.66	11.64
308.90	14.68	345.49	13.46	381.96	12.38	418.32	11.63
309.57	14.64	346.15	13.43	382.62	12.37	418.98	11.63
310.24	14.62	346.81	13.38	383.28	12.35	419.64	11.62
310.90	14.62	347.48	13.39	383.94	12.35	420.30	11.60
311.57	14.60	348.14	13.38	384.61	12.33	420.96	11.61
312.23	14.59	348.81	13.39	385.27	12.31	421.62	11.59
312.90	14.60	349.47	13.36	385.93	12.30	422.28	11.57
313.57	14.59	350.13	13.36	386.59	12.28	422.94	11.56
314.23	14.57	350.80	13.35	387.25	12.29	423.60	11.50
314.90	14.56	351.46	13.34	387.92	12.28	424.26	11.50
315.56	14.53	352.13	13.33	388.58	12.27	424.92	11.49
316.23	14.47	352.79	13.31	389.24	12.27	425.58	11.48
316.90	14.46	353.45	13.30	389.90	12.24	426.24	11.45
317.56	14.44	354.11	13.31	390.56	12.24	426.90	11.44
318.23	14.41	354.78	13.31	391.22	12.21	427.56	11.44
318.89	14.40	355.44	13.29	391.89	12.21	428.22	11.41
319.56	14.40	356.11	13.26	392.55	12.22	428.88	11.38
320.22	14.40	356.77	13.23	393.21	12.20	429.54	11.38
320.89	14.39	357.44	13.21	393.87	12.19	430.20	11.35
321.55	14.35	358.10	13.15	394.53	12.17	430.86	11.33
322.22	14.30	358.76	13.13	395.19	12.16	431.52	11.31

Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
432.18	11.31	468.38	10.60	504.48	10.01	540.47	9.0
432.83	11.26	469.04	10.60	505.14	9.99	541.13	9.0
433.49	11.27	469.70	10.58	505.79	9.97	541.78	9.0
434.15	11.26	470.36	10.57	506.45	9.95	542.43	9.0
434.81	11.24	471.01	10.54	507.11	9.94	543.09	9.0
435.47	11.24	471.67	10.56	507.76	9.94	543.74	9.0
436.13	11.25	472.33	10.57	508.42	9.91	544.39	9.0
436.79	11.23	472.99	10.55	509.07	9.91	545.05	9.0
437.45	11.21	473.64	10.54	509.73	9.89	545.70	9.0
438.11	11.17	474.30	10.52	510.38	9.90	546.35	9.0
438.77	11.18	474.96	10.48	511.04	9.89	547.01	9.0
439.43	11.18	475.61	10.45	511.69	9.89	547.66	9.0
440.08	11.15	476.27	10.45	512.35	9.87	548.31	9.0
440.74	11.14	476.93	10.45	513.00	9.85	548.96	9.0
441.40	11.13	477.58	10.42	513.66	9.83	549.62	9.0
442.06	11.12	478.24	10.43	514.31	9.82	550.27	9.0
442.72	11.11	478.90	10.43	514.97	9.80	550.92	9.0
443.38	11.10	479.55	10.43	515.62	9.80	551.58	9.0
444.04	11.07	480.21	10.42	516.27	9.80	552.23	9.0
444.70	11.09	480.87	10.41	516.93	9.79	552.88	9.0
445.35	11.07	481.52	10.38	517.58	9.80	553.53	9.0
446.01	11.07	482.18	10.36	518.24	9.77	554.19	9.0
446.67	11.06	482.84	10.33	518.89	9.77	554.84	9.0
447.33	11.04	483.49	10.33	519.55	9.75	555.49	9.0
447.99	11.04	484.15	10.32	520.20	9.76	556.14	9.0
448.65	11.03	484.81	10.33	520.86	9.75	556.80	9.0
449.31	11.02	485.46	10.30	521.51	9.74	557.45	9.0
449.96	10.98	486.12	10.30	522.17	9.73	558.10	9.0
450.62	10.98	486.78	10.30	522.82	9.71	558.75	9.0
451.28	10.95	487.43	10.28	523.47	9.70	559.41	9.0
451.94	10.93	488.09	10.26	524.13	9.70	560.06	9.0
452.60	10.93	488.75	10.24	524.78	9.69	560.71	9.0
453.26	10.91	489.40	10.23	525.44	9.67	561.36	9.0
453.91	10.91	490.06	10.24	526.09	9.64	562.01	9.0
454.57	10.90	490.71	10.22	526.75	9.63	562.67	9.0
455.23	10.90	491.37	10.20	527.40	9.62	563.32	9.0
455.89	10.89	492.03	10.19	528.05	9.59	563.97	9.0
456.55	10.88	492.68	10.17	528.71	9.58	564.62	9.0
457.20	10.85	493.34	10.17	529.36	9.56	565.27	9.0
457.86	10.85	493.99	10.17	530.02	9.54	565.93	9.0
458.52	10.85	494.65	10.16	530.67	9.52	566.58	9.0
459.18	10.82	495.31	10.16	531.32	9.52	567.23	9.0
459.84	10.79	495.96	10.15	531.98	9.50	567.88	9.0
460.49	10.79	496.62	10.15	532.63	9.50	568.53	9.0
461.15	10.78	497.27	10.16	533.28	9.49	569.19	9.0
461.81	10.77	497.93	10.11	533.94	9.49	569.84	9.0
462.47	10.73	498.58	10.11	534.59	9.49	570.49	9.0
463.12	10.72	499.24	10.10	535.25	9.47	571.14	9.0
463.78	10.73	499.90	10.09	535.90	9.47	571.79	9.0
464.44	10.71	500.55	10.08	536.55	9.49	572.44	8.9
465.10	10.67	501.21	10.09	537.21	9.49	573.10	8.9
465.75	10.65	501.86	10.07	537.86	9.48	573.75	8.9
466.41	10.65	502.52	10.04	538.51	9.45	574.40	8.9
467.07	10.61	503.17	10.02	539.17	9.47	575.05	8.9
467.73	10.62	503.83	10.01	539.82	9.46	575.70	8.9
468.38	10.60	504.48	10.01	540.47	9.45	576.35	8.9

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	8.93	612.77	8.38	648.43	7.92	683.98	7.57
577.66	8.91	613.42	8.38	649.08	7.93	684.62	7.54
578.31	8.90	614.07	8.38	649.72	7.91	685.27	7.53
578.96	8.89	614.72	8.36	650.37	7.91	685.91	7.52
579.61	8.87	615.37	8.36	651.02	7.89	686.56	7.51
580.26	8.86	616.02	8.34	651.66	7.87	687.20	7.49
580.91	8.85	616.67	8.35	652.31	7.87	687.85	7.51
581.56	8.84	617.32	8.33	652.96	7.86	688.49	7.49
582.21	8.82	617.96	8.32	653.61	7.83	689.14	7.50
582.86	8.82	618.61	8.33	654.25	7.83	689.78	7.50
583.52	8.80	619.26	8.32	654.90	7.82	690.43	7.47
584.17	8.81	619.91	8.32	655.55	7.82	691.07	7.47
584.82	8.80	620.56	8.31	656.19	7.79	691.72	7.48
585.47	8.77	621.21	8.29	656.84	7.78	692.36	7.48
586.12	8.78	621.86	8.29	657.49	7.78	693.01	7.47
586.77	8.77	622.51	8.29	658.13	7.75	693.65	7.45
587.42	8.77	623.16	8.29	658.78	7.73	694.30	7.45
588.07	8.75	623.80	8.26	659.43	7.74	694.94	7.44
588.72	8.74	624.45	8.25	660.07	7.74	695.59	7.42
589.37	8.73	625.10	8.27	660.72	7.73	696.23	7.40
590.02	8.73	625.75	8.24	661.37	7.70	696.87	7.39
590.67	8.72	626.40	8.23	662.01	7.71	697.52	7.39
591.32	8.72	627.05	8.23	662.66	7.71	698.16	7.40
591.97	8.71	627.70	8.22	663.31	7.72	698.81	7.40
592.63	8.71	628.34	8.21	663.95	7.70	699.45	7.39
593.28	8.69	628.99	8.21	664.60	7.70	700.10	7.37
593.93	8.68	629.64	8.20	665.25	7.69	700.74	7.36
594.58	8.67	630.29	8.19	665.89	7.66	701.39	7.36
595.23	8.67	630.94	8.17	666.54	7.66	702.03	7.34
595.88	8.66	631.59	8.16	667.19	7.67	702.67	7.35
596.53	8.64	632.23	8.16	667.83	7.67	703.32	7.33
597.18	8.64	632.88	8.14	668.48	7.66	703.96	7.34
597.83	8.60	633.53	8.13	669.12	7.65	704.61	7.33
598.48	8.60	634.18	8.14	669.77	7.65	705.25	7.31
599.13	8.59	634.83	8.11	670.42	7.65	705.90	7.31
599.78	8.58	635.48	8.13	671.06	7.65	706.54	7.32
600.43	8.57	636.12	8.11	671.71	7.63	707.18	7.29
601.08	8.56	636.77	8.11	672.35	7.63	707.83	7.30
601.73	8.54	637.42	8.10	673.00	7.64	708.47	7.27
602.38	8.54	638.07	8.07	673.65	7.63	709.11	7.28
603.03	8.53	638.71	8.04	674.29	7.62	709.76	7.25
603.68	8.50	639.36	8.03	674.94	7.61	710.40	7.24
604.33	8.48	640.01	8.01	675.58	7.62	711.05	7.23
604.98	8.46	640.66	7.98	676.23	7.60	711.69	7.21
605.63	8.44	641.31	7.99	676.88	7.60	712.33	7.21
606.28	8.43	641.95	7.97	677.52	7.60	712.98	7.22
606.93	8.42	642.60	7.96	678.17	7.60	713.62	7.23
607.58	8.41	643.25	7.96	678.81	7.59	714.26	7.22
608.23	8.40	643.90	7.96	679.46	7.57	714.91	7.21
608.88	8.41	644.54	7.97	680.10	7.57	715.55	7.22
609.52	8.40	645.19	7.96	680.75	7.57	716.20	7.21
610.17	8.38	645.84	7.93	681.39	7.57	716.84	7.21
610.82	8.39	646.49	7.94	682.04	7.57	717.48	7.19
611.47	8.38	647.13	7.94	682.68	7.57	718.13	7.19
612.12	8.39	647.78	7.94	683.33	7.57	718.77	7.19
612.77	8.38	648.43	7.92	683.98	7.57	719.41	7.18

Cruise: 91G02  
 Date: 03-05-1991  
 Time: 08:34:13 GMT  
 Lat: 24 19.60 N  
 Lon: 94 14.10 W  
 Stn. 24

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	23.36	68.78	23.36	102.69	23.34
		35.46	23.37	69.46	23.34	103.37	23.34
2.05	23.45	36.14	23.36	70.14	23.35	104.04	23.35
2.73	23.45	36.82	23.36	70.81	23.36	104.72	23.34
3.41	23.45	37.50	23.36	71.49	23.36	105.40	23.35
4.10	23.43	38.18	23.37	72.17	23.35	106.07	23.36
4.78	23.42	38.86	23.38	72.85	23.34	106.75	23.35
5.46	23.44	39.54	23.37	73.53	23.35	107.43	23.34
6.14	23.44	40.22	23.38	74.21	23.35	108.11	23.33
6.83	23.43	40.90	23.36	74.89	23.35	108.78	23.35
7.51	23.42	41.58	23.37	75.57	23.35	109.46	23.34
8.19	23.42	42.26	23.37	76.25	23.34	110.14	23.34
8.87	23.43	42.94	23.37	76.92	23.35	110.81	23.34
9.56	23.44	43.62	23.38	77.60	23.35	111.49	23.35
10.24	23.45	44.31	23.37	78.28	23.36	112.17	23.35
10.92	23.45	44.99	23.36	78.96	23.35	112.84	23.35
11.60	23.46	45.67	23.38	79.64	23.34	113.52	23.34
12.28	23.45	46.35	23.37	80.32	23.35	114.20	23.35
12.97	23.43	47.03	23.36	81.00	23.36	114.87	23.34
13.65	23.43	47.71	23.37	81.67	23.36	115.55	23.35
14.33	23.43	48.39	23.37	82.35	23.36	116.23	23.34
15.01	23.43	49.07	23.37	83.03	23.35	116.90	23.35
15.69	23.42	49.75	23.36	83.71	23.36	117.58	23.36
16.38	23.42	50.43	23.36	84.39	23.36	118.26	23.36
17.06	23.42	51.11	23.35	85.07	23.35	118.93	23.34
17.74	23.42	51.79	23.36	85.74	23.35	119.61	23.36
18.42	23.42	52.47	23.35	86.42	23.35	120.29	23.36
19.10	23.41	53.15	23.36	87.10	23.35	120.96	23.36
19.79	23.42	53.83	23.34	87.78	23.36	121.64	23.35
20.47	23.40	54.51	23.36	88.46	23.35	122.31	23.34
21.15	23.41	55.19	23.37	89.13	23.35	122.99	23.36
21.83	23.40	55.87	23.36	89.81	23.35	123.67	23.35
22.51	23.39	56.55	23.35	90.49	23.36	124.34	23.35
23.19	23.40	57.23	23.35	91.17	23.35	125.02	23.36
23.88	23.40	57.91	23.34	91.85	23.36	125.70	23.34
24.56	23.40	58.59	23.36	92.52	23.36	126.37	23.35
25.24	23.39	59.27	23.35	93.20	23.35	127.05	23.35
25.92	23.39	59.95	23.36	93.88	23.36	127.72	23.35
26.60	23.38	60.63	23.35	94.56	23.36	128.40	23.35
27.28	23.38	61.30	23.36	95.24	23.36	129.07	23.34
27.96	23.38	61.98	23.35	95.91	23.36	129.75	23.36
28.65	23.39	62.66	23.34	96.59	23.35	130.43	23.35
29.33	23.38	63.34	23.35	97.27	23.36	131.10	23.37
30.01	23.37	64.02	23.36	97.95	23.35	131.78	23.35
30.69	23.38	64.70	23.35	98.62	23.36	132.45	23.34
31.37	23.39	65.38	23.35	99.30	23.35	133.13	23.35
32.05	23.39	66.06	23.35	99.98	23.35	133.81	23.35
32.73	23.37	66.74	23.36	100.66	23.34	134.48	23.35
33.41	23.36	67.42	23.35	101.33	23.34	135.16	23.35
34.09	23.35	68.10	23.35	102.01	23.35	135.83	23.33
34.78	23.36	68.78	23.36	102.69	23.34	136.51	23.35

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	23.33	174.28	20.39	211.26	18.79	248.14	17.7
137.86	23.32	174.95	20.34	211.93	18.76	248.81	17.6
138.53	23.30	175.62	20.35	212.60	18.74	249.48	17.6
139.21	23.29	176.30	20.34	213.28	18.74	250.14	16.9
139.88	23.14	176.97	20.28	213.95	18.73	250.81	16.9
140.56	22.94	177.64	20.24	214.62	18.69	251.48	16.9
141.23	22.69	178.32	20.20	215.29	18.66	252.15	16.8
141.91	22.49	178.99	20.16	215.96	18.63	252.82	16.8
142.59	22.36	179.66	20.07	216.63	18.58	253.49	16.8
143.26	22.29	180.34	20.02	217.30	18.56	254.16	16.7
143.94	22.22	181.01	20.00	217.97	18.52	254.83	16.7
144.61	22.12	181.68	19.95	218.65	18.51	255.50	16.6
145.29	22.09	182.36	19.91	219.32	18.51	256.17	16.6
145.96	22.05	183.03	19.87	219.99	18.50	256.84	16.6
146.64	21.97	183.70	19.81	220.66	18.50	257.50	16.6
147.31	21.88	184.38	19.75	221.33	18.48	258.17	16.6
147.99	21.80	185.05	19.70	222.00	18.48	258.84	16.5
148.66	21.76	185.72	19.64	222.67	18.48	259.51	16.5
149.34	21.73	186.39	19.62	223.34	18.43	260.18	16.4
150.01	21.71	187.07	19.57	224.01	18.39	260.85	16.4
150.68	21.68	187.74	19.56	224.68	18.35	261.52	16.4
151.36	21.64	188.41	19.53	225.35	18.35	262.19	16.4
152.03	21.62	189.08	19.51	226.02	18.33	262.86	16.4
152.71	21.60	189.76	19.48	226.70	18.30	263.52	16.3
153.38	21.55	190.43	19.46	227.37	18.26	264.19	16.3
154.06	21.51	191.10	19.46	228.04	18.25	264.86	16.3
154.73	21.42	191.77	19.43	228.71	18.23	265.53	16.2
155.41	21.33	192.45	19.40	229.38	18.17	266.20	16.2
156.08	21.29	193.12	19.37	230.05	18.14	266.87	16.2
156.76	21.27	193.79	19.36	230.72	18.06	267.53	16.2
157.43	21.24	194.46	19.35	231.39	18.02	268.20	16.1
158.10	21.25	195.14	19.30	232.06	17.96	268.87	16.1
158.78	21.25	195.81	19.28	232.73	17.89	269.54	16.1
159.45	21.23	196.48	19.26	233.40	17.85	270.21	16.1
160.13	21.25	197.15	19.23	234.07	17.80	270.88	16.1
160.80	21.28	197.83	19.19	234.74	17.80	271.54	16.0
161.48	21.33	198.50	19.13	235.41	17.76	272.21	16.0
162.15	21.35	199.17	19.12	236.08	17.71	272.88	15.9
162.82	21.36	199.84	19.09	236.75	17.67	273.55	15.9
163.50	21.31	200.51	19.07	237.42	17.60	274.22	15.9
164.17	21.28	201.19	19.02	238.09	17.54	274.88	15.9
164.85	21.25	201.86	19.01	238.76	17.49	275.55	15.9
165.52	21.20	202.53	18.99	239.43	17.45	276.22	15.8
166.19	21.14	203.20	18.99	240.10	17.43	276.89	15.8
166.87	21.04	203.87	18.96	240.77	17.38	277.56	15.8
167.54	20.90	204.55	18.95	241.44	17.37	278.22	15.8
168.22	20.91	205.22	18.93	242.11	17.37	278.89	15.8
168.89	20.84	205.89	18.93	242.78	17.36	279.56	15.8
169.56	20.81	206.56	18.91	243.45	17.33	280.23	15.8
170.24	20.76	207.23	18.90	244.12	17.27	280.90	15.8
170.91	20.70	207.90	18.88	244.79	17.25	281.56	15.8
171.58	20.59	208.58	18.85	245.46	17.23	282.23	15.7
172.26	20.51	209.25	18.83	246.13	17.21	282.90	15.7
172.93	20.45	209.92	18.81	246.80	17.19	283.57	15.7
173.60	20.40	210.59	18.80	247.47	17.16	284.23	15.6
174.28	20.39	211.26	18.79	248.14	17.11	284.90	15.6

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	15.67	322.22	14.01	358.76	13.00	395.19	11.73
286.24	15.65	322.89	14.00	359.43	12.98	395.86	11.74
286.90	15.61	323.55	13.98	360.09	12.94	396.52	11.69
287.57	15.54	324.22	13.97	360.75	12.93	397.18	11.65
288.24	15.46	324.88	13.98	361.42	12.90	397.84	11.60
288.90	15.38	325.55	13.96	362.08	12.89	398.50	11.59
289.57	15.30	326.21	13.92	362.74	12.87	399.16	11.59
290.24	15.27	326.88	13.90	363.40	12.83	399.82	11.60
290.91	15.26	327.54	13.88	364.07	12.77	400.48	11.57
291.57	15.25	328.21	13.88	364.73	12.75	401.14	11.56
292.24	15.21	328.87	13.87	365.39	12.74	401.81	11.56
292.91	15.19	329.54	13.86	366.06	12.71	402.47	11.54
293.57	15.17	330.20	13.86	366.72	12.71	403.13	11.53
294.24	15.15	330.87	13.86	367.38	12.70	403.79	11.52
294.91	15.11	331.53	13.86	368.05	12.68	404.45	11.52
295.57	15.02	332.20	13.84	368.71	12.66	405.11	11.51
296.24	14.95	332.86	13.84	369.37	12.65	405.77	11.49
296.91	14.94	333.53	13.83	370.03	12.64	406.43	11.49
297.58	14.93	334.19	13.83	370.70	12.61	407.09	11.46
298.24	14.93	334.86	13.82	371.36	12.58	407.75	11.46
298.91	14.91	335.52	13.81	372.02	12.57	408.41	11.46
299.58	14.89	336.19	13.78	372.69	12.55	409.08	11.46
300.24	14.89	336.85	13.79	373.35	12.53	409.74	11.43
300.91	14.86	337.51	13.76	374.01	12.52	410.40	11.42
301.58	14.84	338.18	13.73	374.67	12.47	411.06	11.40
302.24	14.82	338.84	13.69	375.34	12.43	411.72	11.40
302.91	14.81	339.51	13.67	376.00	12.42	412.38	11.39
303.57	14.81	340.17	13.67	376.66	12.41	413.04	11.40
304.24	14.80	340.84	13.65	377.32	12.39	413.70	11.36
304.91	14.79	341.50	13.63	377.99	12.37	414.36	11.32
305.57	14.76	342.17	13.60	378.65	12.34	415.02	11.30
306.24	14.72	342.83	13.56	379.31	12.30	415.68	11.29
306.91	14.70	343.49	13.53	379.97	12.28	416.34	11.30
307.57	14.69	344.16	13.50	380.63	12.22	417.00	11.27
308.24	14.68	344.82	13.49	381.30	12.17	417.66	11.26
308.90	14.67	345.49	13.47	381.96	12.17	418.32	11.26
309.57	14.64	346.15	13.45	382.62	12.17	418.98	11.25
310.24	14.63	346.81	13.42	383.28	12.17	419.64	11.25
310.90	14.63	347.48	13.41	383.94	12.14	420.30	11.23
311.57	14.61	348.14	13.40	384.61	12.11	420.96	11.22
312.23	14.60	348.81	13.37	385.27	12.11	421.62	11.21
312.90	14.57	349.47	13.35	385.93	12.07	422.28	11.20
313.57	14.55	350.13	13.33	386.59	12.01	422.94	11.20
314.23	14.51	350.80	13.31	387.25	11.98	423.60	11.19
314.90	14.47	351.46	13.30	387.92	11.96	424.26	11.18
315.56	14.43	352.13	13.28	388.58	11.95	424.92	11.17
316.23	14.40	352.79	13.24	389.24	11.95	425.58	11.16
316.90	14.35	353.45	13.20	389.90	11.91	426.24	11.16
317.56	14.31	354.12	13.20	390.56	11.89	426.90	11.14
318.23	14.24	354.78	13.17	391.22	11.87	427.56	11.13
318.89	14.18	355.44	13.15	391.89	11.87	428.22	11.11
319.56	14.14	356.11	13.13	392.55	11.84	428.88	11.10
320.22	14.10	356.77	13.11	393.21	11.80	429.54	11.09
320.89	14.06	357.44	13.05	393.87	11.75	430.20	11.08
321.55	14.03	358.10	13.02	394.53	11.75	430.86	11.08
322.22	14.01	358.76	13.00	395.19	11.73	431.52	11.07

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	11.04	468.38	10.32	504.48	9.74	540.47	9.21
432.83	11.03	469.04	10.31	505.14	9.73	541.13	9.21
433.49	11.00	469.70	10.30	505.79	9.73	541.78	9.21
434.15	10.99	470.36	10.30	506.45	9.74	542.43	9.21
434.81	10.97	471.01	10.29	507.11	9.72	543.09	9.21
435.47	10.94	471.67	10.28	507.76	9.72	543.74	9.21
436.13	10.91	472.33	10.26	508.42	9.70	544.39	9.21
436.79	10.92	472.99	10.25	509.07	9.70	545.05	9.21
437.45	10.92	473.64	10.25	509.73	9.69	545.70	9.21
438.11	10.90	474.30	10.23	510.38	9.67	546.35	9.21
438.77	10.91	474.96	10.21	511.04	9.63	547.01	9.21
439.43	10.89	475.61	10.21	511.69	9.63	547.66	9.21
440.08	10.89	476.27	10.19	512.35	9.63	548.31	9.21
440.74	10.87	476.93	10.16	513.00	9.60	548.96	9.21
441.40	10.86	477.58	10.15	513.66	9.60	549.62	9.21
442.06	10.85	478.24	10.13	514.31	9.58	550.27	9.21
442.72	10.84	478.90	10.14	514.97	9.57	550.92	9.21
443.38	10.85	479.55	10.13	515.62	9.56	551.58	9.21
444.04	10.83	480.21	10.10	516.27	9.53	552.23	8.99
444.70	10.80	480.87	10.08	516.93	9.53	552.88	8.99
445.35	10.77	481.52	10.07	517.58	9.50	553.53	8.99
446.01	10.75	482.18	10.07	518.24	9.51	554.19	8.99
446.67	10.76	482.84	10.05	518.89	9.49	554.84	8.99
447.33	10.75	483.49	10.05	519.55	9.49	555.49	8.99
447.99	10.74	484.15	10.03	520.20	9.48	556.14	8.99
448.65	10.72	484.81	10.04	520.86	9.47	556.80	8.99
449.31	10.68	485.46	10.02	521.51	9.46	557.45	8.99
449.96	10.69	486.12	10.01	522.17	9.45	558.10	8.99
450.62	10.68	486.78	9.98	522.82	9.45	558.75	8.99
451.28	10.69	487.43	9.97	523.47	9.45	559.41	8.77
451.94	10.69	488.09	9.98	524.13	9.44	560.06	8.77
452.60	10.67	488.75	9.96	524.78	9.42	560.71	8.77
453.26	10.68	489.40	9.95	525.44	9.38	561.36	8.77
453.91	10.67	490.06	9.94	526.09	9.38	562.01	8.77
454.57	10.64	490.71	9.92	526.75	9.37	562.67	8.77
455.23	10.62	491.37	9.92	527.40	9.37	563.32	8.77
455.89	10.61	492.03	9.91	528.05	9.37	563.97	8.77
456.55	10.59	492.68	9.92	528.71	9.35	564.62	8.64
457.20	10.60	493.34	9.91	529.36	9.36	565.27	8.64
457.86	10.59	493.99	9.89	530.02	9.36	565.93	8.64
458.52	10.57	494.65	9.89	530.67	9.34	566.58	8.64
459.18	10.57	495.31	9.88	531.32	9.34	567.23	8.64
459.84	10.54	495.96	9.87	531.98	9.31	567.88	8.64
460.49	10.52	496.62	9.86	532.63	9.34	568.53	8.64
461.15	10.51	497.27	9.84	533.28	9.32	569.19	8.64
461.81	10.48	497.93	9.83	533.94	9.33	569.84	8.51
462.47	10.47	498.58	9.83	534.59	9.32	570.49	8.51
463.12	10.45	499.24	9.83	535.25	9.27	571.14	8.51
463.78	10.43	499.90	9.81	535.90	9.27	571.79	8.51
464.44	10.41	500.55	9.82	536.55	9.25	572.44	8.51
465.10	10.38	501.21	9.82	537.21	9.24	573.10	8.51
465.75	10.36	501.86	9.81	537.86	9.24	573.75	8.51
466.41	10.35	502.52	9.81	538.51	9.23	574.40	8.51
467.07	10.34	503.17	9.77	539.17	9.21	575.05	8.51
467.73	10.34	503.83	9.75	539.82	9.20	575.70	8.51
468.38	10.32	504.48	9.74	540.47	9.21	576.35	8.51



Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	8.49	612.77	8.08	648.43	7.67	683.98	7.27
577.66	8.49	613.42	8.07	649.08	7.66	684.62	7.26
578.31	8.50	614.07	8.05	649.72	7.66	685.27	7.25
578.96	8.48	614.72	8.05	650.37	7.65	685.91	7.26
579.61	8.48	615.37	8.04	651.02	7.65	686.56	7.24
580.26	8.48	616.02	8.04	651.66	7.65	687.20	7.23
580.91	8.46	616.67	8.03	652.31	7.62	687.85	7.22
581.56	8.44	617.32	8.01	652.96	7.63	688.49	7.22
582.21	8.43	617.96	8.01	653.61	7.62	689.14	7.23
582.86	8.41	618.61	8.00	654.25	7.61	689.78	7.22
583.52	8.42	619.26	8.00	654.90	7.60	690.43	7.19
584.17	8.40	619.91	7.99	655.55	7.59	691.07	7.19
584.82	8.41	620.56	7.97	656.19	7.58	691.72	7.20
585.47	8.40	621.21	7.97	656.84	7.58	692.36	7.18
586.12	8.39	621.86	7.94	657.49	7.57	693.01	7.17
586.77	8.38	622.51	7.93	658.13	7.57	693.65	7.16
587.42	8.38	623.16	7.93	658.78	7.56	694.30	7.16
588.07	8.38	623.80	7.89	659.43	7.55	694.94	7.16
588.72	8.38	624.45	7.91	660.07	7.54	695.59	7.14
589.37	8.36	625.10	7.89	660.72	7.54	696.23	7.15
590.02	8.36	625.75	7.90	661.37	7.55	696.87	7.13
590.67	8.34	626.40	7.90	662.01	7.55	697.52	7.12
591.32	8.35	627.05	7.88	662.66	7.55	698.16	7.13
591.97	8.33	627.70	7.90	663.31	7.55	698.81	7.11
592.63	8.33	628.34	7.88	663.95	7.54	699.45	7.11
593.28	8.32	628.99	7.88	664.60	7.51	700.10	7.09
593.93	8.32	629.64	7.88	665.25	7.50	700.74	7.10
594.58	8.32	630.29	7.87	665.89	7.49	701.39	7.09
595.23	8.29	630.94	7.87	666.54	7.50	702.03	7.08
595.88	8.28	631.59	7.87	667.19	7.49	702.67	7.06
596.53	8.25	632.23	7.86	667.83	7.45	703.32	7.07
597.18	8.24	632.88	7.85	668.48	7.46	703.96	7.05
597.83	8.24	633.53	7.82	669.12	7.45	704.61	7.05
598.48	8.24	634.18	7.82	669.77	7.45	705.25	7.03
599.13	8.23	634.83	7.81	670.42	7.44	705.90	7.04
599.78	8.22	635.48	7.81	671.06	7.42	706.54	7.03
600.43	8.21	636.12	7.78	671.71	7.43	707.18	7.03
601.08	8.23	636.77	7.78	672.35	7.43	707.83	7.01
601.73	8.20	637.42	7.77	673.00	7.41	708.47	7.01
602.38	8.21	638.07	7.78	673.65	7.40	709.11	7.01
603.03	8.20	638.71	7.78	674.29	7.38	709.76	6.99
603.68	8.19	639.36	7.77	674.94	7.37	710.40	6.99
604.33	8.20	640.01	7.76	675.58	7.36	711.05	6.97
604.98	8.19	640.66	7.76	676.23	7.34	711.69	6.96
605.63	8.18	641.31	7.74	676.88	7.34	712.33	6.97
606.28	8.17	641.95	7.73	677.52	7.31	712.98	6.97
606.93	8.17	642.60	7.72	678.17	7.32	713.62	6.97
607.58	8.16	643.25	7.71	678.81	7.33	714.26	6.95
608.23	8.16	643.90	7.70	679.46	7.32	714.91	6.95
608.88	8.15	644.54	7.69	680.10	7.32	715.55	6.96
609.52	8.13	645.19	7.70	680.75	7.31	716.20	6.96
610.17	8.11	645.84	7.70	681.39	7.31	716.84	6.96
610.82	8.10	646.49	7.68	682.04	7.29	717.48	6.96
611.47	8.10	647.13	7.69	682.68	7.30	718.13	6.93
612.12	8.10	647.78	7.67	683.33	7.28	718.77	6.94
612.77	8.08	648.43	7.67	683.98	7.27	719.41	6.93

STATION SBE024.AUG:: CRUISE 91g02 DATE & TIME Tue Mar 05 08:50:47 1991, Julian day = 64  
 LAT 24 20.38 LON 94 15.36 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
2.0	23.343	<del>31.833</del>	<del>21.438</del>	<del>8.992</del>	52.0	23.376	36.468	24.939	8.956	102.0	23.386	36.471	24.938	8.982
3.0	23.341	<del>31.989</del>	<del>21.556</del>	<del>8.952</del>	53.0	23.377	36.468	24.939	8.958	103.0	23.386	36.471	24.939	8.983
4.0	23.342	34.041	23.109	8.954	54.0	23.379	36.470	24.940	8.964	104.0	23.386	36.471	24.939	8.978
5.0	23.340	36.383	24.886	8.951	55.0	23.380	36.471	24.940	8.968	105.0	23.385	36.471	24.939	8.980
6.0	23.338	36.389	24.890	8.951	56.0	23.380	36.471	24.940	8.966	106.0	23.385	36.471	24.939	8.982
7.0	23.340	36.394	24.894	8.954	57.0	23.380	36.471	24.941	8.966	107.0	23.385	36.471	24.939	8.982
8.0	23.341	<del>32.693</del>	<del>22.889</del>	8.958	58.0	23.380	36.471	24.940	8.969	108.0	23.386	36.471	24.939	8.985
9.0	23.342	<del>32.283</del>	<del>22.285</del>	8.954	59.0	23.381	36.470	24.940	8.967	109.0	23.388	36.472	24.939	8.986
10.0	23.351	<del>36.728</del>	<del>25.144</del>	8.956	60.0	23.381	36.470	24.940	8.971	110.0	23.388	36.472	24.939	8.987
11.0	23.361	36.392	24.886	8.955	61.0	23.381	36.470	24.940	8.970	111.0	23.388	36.472	24.939	8.983
12.0	23.362	36.395	24.888	8.955	62.0	23.381	36.471	24.940	8.970	112.0	23.387	36.472	24.939	8.987
13.0	23.363	36.398	24.890	8.959	63.0	23.381	36.469	24.939	8.968	113.0	23.387	36.471	24.939	8.983
14.0	23.363	36.399	24.891	8.957	64.0	23.382	36.471	24.940	8.971	114.0	23.386	36.471	24.939	8.987
15.0	23.363	36.401	24.893	8.959	65.0	23.382	36.471	24.940	8.973	115.0	23.386	36.471	24.939	8.987
16.0	23.363	36.404	24.895	8.959	66.0	23.382	36.470	24.939	8.971	116.0	23.386	36.470	24.938	8.992
17.0	23.363	36.394	24.887	8.957	67.0	23.381	36.469	24.939	8.963	117.0	23.381	36.469	24.939	8.987
18.0	23.362	36.402	24.893	8.956	68.0	23.380	36.470	24.939	8.966	118.0	23.379	36.469	24.939	8.989
19.0	23.364	36.408	24.897	8.957	69.0	23.382	36.471	24.940	8.967	119.0	23.373	36.467	24.939	8.989
20.0	23.364	36.411	24.900	8.957	70.0	23.383	36.471	24.939	8.967	120.0	23.368	36.466	24.940	8.990
21.0	23.364	36.414	24.902	8.957	71.0	23.384	36.471	24.940	8.972	121.0	23.368	36.466	24.940	8.991
22.0	23.365	36.414	24.902	8.957	72.0	23.385	36.472	24.940	8.976	122.0	23.367	36.466	24.940	8.990
23.0	23.364	36.149	24.701	8.958	73.0	23.385	36.472	24.940	8.974	123.0	23.364	36.465	24.940	8.990
24.0	23.364	36.360	24.861	8.959	74.0	23.386	36.472	24.940	8.974	124.0	23.360	36.464	24.941	8.992
25.0	23.363	36.417	24.904	8.958	75.0	23.386	36.472	24.940	8.975	125.0	23.363	36.466	24.942	8.994
26.0	23.364	36.419	24.906	8.958	76.0	23.386	36.472	24.940	8.978	126.0	23.372	36.469	24.942	8.997
27.0	23.362	36.422	24.909	8.954	77.0	23.386	36.472	24.939	8.973	127.0	23.368	36.468	24.942	8.993
28.0	23.362	36.427	24.912	8.955	78.0	23.387	36.472	24.939	8.974	128.0	23.360	36.467	24.944	8.995
29.0	23.363	36.432	24.916	8.956	79.0	23.387	36.472	24.939	8.976	129.0	23.361	36.468	24.944	8.995
30.0	23.361	36.433	24.917	8.953	80.0	23.387	36.472	24.939	8.977	130.0	23.344	36.466	24.948	9.000
31.0	23.363	36.428	24.913	8.958	81.0	23.388	36.472	24.939	8.978	131.0	23.309	36.468	24.959	9.008
32.0	23.360	36.432	24.917	8.958	82.0	23.388	36.472	24.939	8.978	132.0	23.154	36.477	25.011	9.014
33.0	23.365	36.430	24.913	8.955	83.0	23.388	36.472	24.939	8.980	133.0	22.866	36.494	25.108	9.031
34.0	23.366	36.433	24.916	8.955	84.0	23.388	36.472	24.939	8.975	134.0	22.578	36.523	25.212	9.049
35.0	23.363	36.436	24.919	8.958	85.0	23.388	36.472	24.939	8.981	135.0	22.390	36.537	25.277	9.053
36.0	23.366	36.432	24.915	8.958	86.0	23.388	36.472	24.939	8.982	136.0	22.254	36.539	25.318	9.058
37.0	23.366	36.437	24.915	8.957	87.0	23.388	36.472	24.939	8.983	137.0	22.163	36.545	25.348	9.060
38.0	23.366	36.434	24.917	8.960	88.0	23.388	36.472	24.939	8.980	138.0	22.064	36.547	25.377	9.061
39.0	23.368	36.432	24.915	8.959	89.0	23.388	36.472	24.939	8.983	139.0	22.013	36.545	25.390	9.061
40.0	23.368	36.435	24.917	8.960	90.0	23.388	36.472	24.939	8.983	140.0	21.881	36.546	25.428	9.066
41.0	23.370	36.436	24.917	8.961	91.0	23.388	36.472	24.939	8.985	141.0	21.801	36.566	25.466	9.071
42.0	23.376	36.459	24.932	8.954	92.0	23.388	36.472	24.939	8.984	142.0	21.757	36.578	25.488	9.072
43.0	23.378	36.470	24.941	8.955	93.0	23.387	36.472	24.939	8.982	143.0	21.624	36.563	25.514	9.074
44.0	23.377	36.470	24.940	8.957	94.0	23.388	36.472	24.939	8.982	144.0	21.561	36.559	25.528	9.073
45.0	23.377	36.470	24.941	8.958	95.0	23.388	36.472	24.939	8.985	145.0	21.555	36.578	25.544	9.071
46.0	23.377	36.469	24.940	8.961	96.0	23.388	36.472	24.939	8.986	146.0	21.575	36.614	25.566	9.073
47.0	23.376	36.468	24.940	8.956	97.0	23.386	36.471	24.939	8.983	147.0	21.604	36.635	25.573	9.080
48.0	23.375	36.466	24.938	8.953	98.0	23.386	36.471	24.939	8.981	148.0	21.581	36.636	25.581	9.078
49.0	23.375	36.467	24.939	8.953	99.0	23.386	36.471	24.939	8.980	149.0	21.545	36.641	25.594	9.080
50.0	23.377	36.469	24.940	8.962	100.0	23.387	36.472	24.939	8.981	150.0	21.576	36.679	25.615	9.082
51.0	23.378	36.470	24.940	8.965	101.0	23.386	36.471	24.939	8.984	151.0	21.579	36.697	25.628	9.082

*data are suspect*

*salinity is artifact*

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DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
52.0	21.563	36.695	25.631	9.083	202.0	18.779	36.525	26.245	0.000	252.0	16.438	36.189	26.562	0.000
53.0	21.536	36.717	25.655	9.084	203.0	18.762	36.522	26.247	0.000	253.0	16.378	36.181	26.570	0.000
54.0	21.537	36.727	25.662	9.084	204.0	18.749	36.521	26.250	0.000	254.0	16.272	36.164	26.581	0.000
55.0	21.537	36.732	25.666	9.087	205.0	18.729	36.519	26.253	0.000	255.0	16.197	36.156	26.593	0.000
56.0	21.517	36.736	25.675	9.086	206.0	18.698	36.515	26.258	0.000	256.0	16.167	36.151	26.595	0.000
57.0	21.408	36.731	25.701	9.087	207.0	18.666	36.511	26.264	0.000	257.0	16.126	36.143	26.599	0.000
58.0	21.375	36.732	25.711	9.088	208.0	18.634	36.507	26.269	0.000	258.0	16.115	36.143	26.601	0.000
59.0	21.360	36.731	25.714	9.086	209.0	18.595	36.503	26.275	0.000	259.0	16.113	36.142	26.601	0.000
60.0	21.296	36.723	25.726	9.089	210.0	18.553	36.491	26.277	0.000	260.0	16.114	36.141	26.601	0.000
61.0	21.161	36.704	25.749	9.088	211.0	18.440	36.480	26.297	0.000	261.0	16.096	36.138	26.602	0.000
62.0	21.028	36.684	25.770	9.088	212.0	18.407	36.476	26.302	0.000	262.0	16.062	36.132	26.605	0.000
63.0	20.937	36.670	25.785	9.089	213.0	18.359	36.466	26.307	0.000	263.0	16.038	36.129	26.608	0.000
64.0	20.861	36.652	25.792	9.087	214.0	18.267	36.453	26.320	0.000	264.0	16.008	36.124	26.612	0.000
65.0	20.715	36.625	25.811	9.088	215.0	18.222	36.448	26.327	0.000	265.0	15.953	36.116	26.618	0.000
66.0	20.588	36.604	25.829	9.085	216.0	18.201	36.448	26.332	0.000	266.0	15.892	36.107	26.625	0.000
67.0	20.495	36.592	25.846	9.085	217.0	18.203	36.450	26.333	0.000	267.0	15.851	36.101	26.630	0.000
68.0	20.370	36.577	25.868	9.086	218.0	18.187	36.447	26.335	0.000	268.0	15.792	36.090	26.636	0.000
69.0	20.291	36.571	25.884	9.087	219.0	18.159	36.442	26.338	0.000	269.0	15.760	36.086	26.639	0.000
70.0	20.245	36.567	25.893	9.085	220.0	18.117	36.433	26.342	0.000	270.0	15.742	36.084	26.642	0.000
71.0	20.212	36.594	25.923	9.090	221.0	18.033	36.412	26.347	0.000	271.0	15.724	36.081	26.644	0.000
72.0	20.135	36.595	25.944	9.091	222.0	17.900	36.395	26.367	0.000	272.0	15.690	36.075	26.646	0.000
73.0	20.015	36.579	25.964	9.089	223.0	17.829	36.386	26.378	0.000	273.0	15.619	36.064	26.655	0.000
74.0	19.970	36.575	25.973	9.091	224.0	17.790	36.378	26.381	0.000	274.0	15.602	36.061	26.656	0.000
75.0	19.962	36.573	25.973	9.088	225.0	17.749	36.371	26.386	0.000	275.0	15.589	36.058	26.657	0.000
76.0	19.952	36.572	25.975	9.089	226.0	17.702	36.367	26.395	0.000	276.0	15.569	36.055	26.659	0.000
77.0	19.932	36.566	25.976	9.090	227.0	17.674	36.368	26.402	0.000	277.0	15.545	36.051	26.661	0.000
78.0	19.788	36.553	26.004	9.090	228.0	17.626	36.363	26.410	0.000	278.0	15.509	36.044	26.664	0.000
79.0	19.712	36.547	26.020	9.088	229.0	17.531	36.351	26.424	0.000	279.0	15.443	36.035	26.672	0.000
80.0	19.657	36.543	26.031	9.088	230.0	17.449	36.344	26.439	0.000	280.0	15.393	36.027	26.677	0.000
81.0	19.644	36.541	26.033	9.088	231.0	17.429	36.340	26.441	0.000	281.0	15.339	36.020	26.684	0.000
82.0	19.637	36.540	26.034	9.088	232.0	17.402	36.335	26.443	0.000	282.0	15.288	36.014	26.691	0.000
83.0	19.624	36.541	26.038	9.089	233.0	17.369	36.330	26.448	0.000	283.0	15.162	35.992	26.702	0.000
84.0	19.594	36.551	26.054	9.091	234.0	17.340	36.327	26.453	0.000	284.0	15.112	35.986	26.709	0.000
85.0	19.570	36.572	26.076	9.094	235.0	17.322	36.325	26.455	0.000	285.0	15.090	35.981	26.710	0.000
86.0	19.554	36.585	26.090	9.093	236.0	17.301	36.322	26.458	0.000	286.0	15.029	35.971	26.715	0.000
87.0	19.522	36.583	26.097	9.092	237.0	17.245	36.314	26.465	0.000	287.0	14.994	35.967	26.720	0.000
88.0	19.434	36.573	26.113	9.093	238.0	17.186	36.305	26.473	0.000	288.0	14.978	35.965	26.722	0.000
89.0	19.349	36.564	26.129	9.094	239.0	17.054	36.282	26.487	0.000	289.0	14.961	35.960	26.722	0.000
90.0	19.249	36.551	26.145	9.093	240.0	16.920	36.268	26.508	0.000	290.0	14.937	35.955	26.723	0.000
91.0	19.171	36.545	26.160	9.092	241.0	16.850	36.257	26.517	0.000	291.0	14.895	35.949	26.728	0.000
92.0	19.133	36.536	26.163	9.094	242.0	16.793	36.248	26.523	0.000	292.0	14.865	35.944	26.731	0.000
93.0	19.057	36.527	26.176	9.094	243.0	16.746	36.241	26.529	0.000	293.0	14.843	35.940	26.733	0.000
94.0	19.013	36.522	26.183	9.092	244.0	16.710	36.235	26.533	0.000	294.0	14.828	35.939	26.735	0.000
95.0	18.975	36.520	26.191	9.093	245.0	16.643	36.223	26.539	0.000	295.0	14.806	35.935	26.737	0.000
96.0	18.949	36.521	26.198	9.093	246.0	16.590	36.215	26.546	0.000	296.0	14.757	35.926	26.741	0.000
97.0	18.917	36.520	26.206	9.093	247.0	16.543	36.209	26.552	0.000	297.0	14.704	35.919	26.747	0.000
98.0	18.875	36.516	26.214	9.092	248.0	16.535	36.209	26.554	0.000	298.0	14.640	35.910	26.753	0.000
99.0	18.825	36.515	26.226	9.092	249.0	16.527	36.207	26.554	0.000	299.0	14.616	35.906	26.756	0.000
100.0	18.813	36.519	26.232	9.094	250.0	16.504	36.202	26.556	0.000	300.0	14.580	35.898	26.758	0.000
11.0	18.796	36.523	26.240	0.000	251.0	16.475	36.195	26.558	0.000	301.0	14.502	35.888	26.767	0.000

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DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
02.0	14.482	35.886	26.770	0.000	352.0	12.800	35.624	26.917	0.000	402.0	11.372	35.410	27.026	0.000
03.0	14.466	35.883	26.771	0.000	353.0	12.782	35.622	26.920	0.000	403.0	11.339	35.405	27.029	0.000
04.0	14.418	35.875	26.775	0.000	354.0	12.748	35.614	26.920	0.000	404.0	11.319	35.402	27.030	0.000
05.0	14.351	35.867	26.783	0.000	355.0	12.678	35.605	26.927	0.000	405.0	11.294	35.396	27.031	0.000
06.0	14.305	35.859	26.787	0.000	356.0	12.658	35.603	26.929	0.000	406.0	11.280	35.394	27.032	0.000
07.0	14.263	35.851	26.790	0.000	357.0	12.656	35.602	26.929	0.000	407.0	11.255	35.389	27.032	0.000
08.0	14.219	35.845	26.795	0.000	358.0	12.656	35.601	26.928	0.000	408.0	11.205	35.382	27.036	0.000
09.0	14.201	35.842	26.796	0.000	359.0	12.648	35.599	26.928	0.000	409.0	11.173	35.380	27.041	0.000
10.0	14.169	35.837	26.799	0.000	360.0	12.625	35.595	26.930	0.000	410.0	11.158	35.377	27.041	0.000
11.0	14.133	35.831	26.802	0.000	361.0	12.604	35.593	26.932	0.000	411.0	11.131	35.373	27.043	0.000
12.0	14.085	35.824	26.807	0.000	362.0	12.566	35.588	26.936	0.000	412.0	11.116	35.371	27.044	0.000
13.0	14.010	35.811	26.813	0.000	363.0	12.542	35.583	26.938	0.000	413.0	11.092	35.368	27.046	0.000
14.0	13.922	35.799	26.822	0.000	364.0	12.522	35.579	26.938	0.000	414.0	11.073	35.367	27.049	0.000
15.0	13.871	35.791	26.827	0.000	365.0	12.489	35.575	26.941	0.000	415.0	11.060	35.365	27.050	0.000
16.0	13.819	35.784	26.833	0.000	366.0	12.426	35.565	26.946	0.000	416.0	11.047	35.363	27.050	0.000
17.0	13.792	35.780	26.834	0.000	367.0	12.390	35.560	26.949	0.000	417.0	11.023	35.359	27.052	0.000
18.0	13.758	35.773	26.836	0.000	368.0	12.355	35.555	26.952	0.000	418.0	10.999	35.354	27.052	0.000
19.0	13.736	35.769	26.838	0.000	369.0	12.334	35.552	26.954	0.000	419.0	10.972	35.351	27.054	0.000
20.0	13.706	35.765	26.841	0.000	370.0	12.310	35.547	26.955	0.000	420.0	10.944	35.347	27.057	0.000
21.0	13.660	35.757	26.845	0.000	371.0	12.246	35.539	26.961	0.000	421.0	10.930	35.345	27.058	0.000
22.0	13.638	35.755	26.848	0.000	372.0	12.206	35.533	26.964	0.000	422.0	10.916	35.344	27.059	0.000
23.0	13.636	35.754	26.848	0.000	373.0	12.178	35.530	26.967	0.000	423.0	10.907	35.342	27.059	0.000
24.0	13.616	35.750	26.848	0.000	374.0	12.149	35.524	26.968	0.000	424.0	10.899	35.340	27.060	0.000
25.0	13.583	35.746	26.852	0.000	375.0	12.111	35.518	26.970	0.000	425.0	10.887	35.338	27.060	0.000
26.0	13.563	35.743	26.854	0.000	376.0	12.067	35.512	26.975	0.000	426.0	10.858	35.334	27.063	0.000
27.0	13.564	35.742	26.853	0.000	377.0	12.036	35.508	26.977	0.000	427.0	10.830	35.330	27.064	0.000
28.0	13.556	35.741	26.854	0.000	378.0	11.996	35.501	26.980	0.000	428.0	10.792	35.326	27.067	0.000
29.0	13.553	35.741	26.855	0.000	379.0	11.944	35.493	26.984	0.000	429.0	10.782	35.324	27.068	0.000
30.0	13.546	35.739	26.854	0.000	380.0	11.897	35.487	26.988	0.000	430.0	10.775	35.323	27.068	0.000
31.0	13.532	35.736	26.855	0.000	381.0	11.867	35.482	26.989	0.000	431.0	10.768	35.321	27.069	0.000
32.0	13.509	35.732	26.857	0.000	382.0	11.828	35.477	26.993	0.000	432.0	10.758	35.319	27.069	0.000
33.0	13.478	35.728	26.860	0.000	383.0	11.807	35.475	26.995	0.000	433.0	10.740	35.317	27.070	0.000
34.0	13.457	35.725	26.862	0.000	384.0	11.795	35.472	26.996	0.000	434.0	10.724	35.315	27.071	0.000
35.0	13.430	35.720	26.864	0.000	385.0	11.767	35.467	26.997	0.000	435.0	10.697	35.310	27.073	0.000
36.0	13.413	35.718	26.866	0.000	386.0	11.744	35.465	27.000	0.000	436.0	10.668	35.307	27.075	0.000
37.0	13.411	35.718	26.866	0.000	387.0	11.725	35.462	27.001	0.000	437.0	10.647	35.304	27.077	0.000
38.0	13.393	35.715	26.867	0.000	388.0	11.705	35.458	27.002	0.000	438.0	10.621	35.300	27.078	0.000
39.0	13.360	35.710	26.870	0.000	389.0	11.689	35.455	27.003	0.000	439.0	10.581	35.295	27.081	0.000
40.0	13.320	35.705	26.875	0.000	390.0	11.655	35.450	27.005	0.000	440.0	10.553	35.293	27.084	0.000
41.0	13.276	35.698	26.878	0.000	391.0	11.626	35.447	27.008	0.000	441.0	10.543	35.290	27.084	0.000
42.0	13.212	35.686	26.883	0.000	392.0	11.607	35.444	27.010	0.000	442.0	10.524	35.288	27.086	0.000
43.0	13.138	35.677	26.891	0.000	393.0	11.587	35.441	27.011	0.000	443.0	10.501	35.284	27.087	0.000
44.0	13.073	35.667	26.896	0.000	394.0	11.571	35.439	27.012	0.000	444.0	10.493	35.283	27.088	0.000
45.0	13.031	35.660	26.899	0.000	395.0	11.558	35.436	27.012	0.000	445.0	10.483	35.281	27.088	0.000
46.0	12.980	35.652	26.903	0.000	396.0	11.547	35.434	27.013	0.000	446.0	10.461	35.277	27.089	0.000
47.0	12.956	35.649	26.906	0.000	397.0	11.542	35.433	27.013	0.000	447.0	10.431	35.274	27.091	0.000
48.0	12.942	35.646	26.906	0.000	398.0	11.507	35.427	27.015	0.000	448.0	10.400	35.270	27.094	0.000
49.0	12.907	35.640	26.909	0.000	399.0	11.476	35.423	27.018	0.000	449.0	10.386	35.267	27.094	0.000
50.0	12.871	35.635	26.912	0.000	400.0	11.439	35.419	27.021	0.000	450.0	10.372	35.267	27.096	0.000
51.0	12.835	35.628	26.914	0.000	401.0	11.396	35.413	27.025	0.000	451.0	10.352	35.263	27.097	0.000

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DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
452.0	10.316	35.260	27.100	0.000	502.0	9.559	35.160	27.152	0.000	552.0	8.712	35.057	27.209	0.000
453.0	10.306	35.258	27.101	0.000	503.0	9.541	35.158	27.153	0.000	553.0	8.703	35.056	27.210	0.000
454.0	10.296	35.256	27.102	0.000	504.0	9.499	35.152	27.156	0.000	554.0	8.670	35.052	27.212	0.000
455.0	10.277	35.254	27.103	0.000	505.0	9.477	35.152	27.159	0.000	555.0	8.634	35.049	27.215	0.000
456.0	10.265	35.253	27.104	0.000	506.0	9.468	35.149	27.159	0.000	556.0	8.614	35.047	27.217	0.000
457.0	10.256	35.251	27.104	0.000	507.0	9.459	35.148	27.160	0.000	557.0	8.601	35.045	27.218	0.000
458.0	10.254	35.251	27.104	0.000	508.0	9.450	35.147	27.160	0.000	558.0	8.574	35.042	27.219	0.000
459.0	10.251	35.250	27.104	0.000	509.0	9.443	35.146	27.160	0.000	559.0	8.542	35.038	27.221	0.000
460.0	10.235	35.248	27.106	0.000	510.0	9.436	35.144	27.160	0.000	560.0	8.524	35.035	27.222	0.000
461.0	10.218	35.245	27.106	0.000	511.0	9.427	35.142	27.160	0.000	561.0	8.501	35.033	27.224	0.000
462.0	10.190	35.243	27.109	0.000	512.0	9.398	35.139	27.163	0.000	562.0	8.475	35.033	27.228	0.000
463.0	10.184	35.241	27.109	0.000	513.0	9.370	35.136	27.165	0.000	563.0	8.468	35.032	27.228	0.000
464.0	10.176	35.239	27.109	0.000	514.0	9.353	35.134	27.166	0.000	564.0	8.443	35.030	27.230	0.000
465.0	10.168	35.239	27.110	0.000	515.0	9.335	35.132	27.167	0.000	565.0	8.429	35.028	27.231	0.000
466.0	10.160	35.238	27.110	0.000	516.0	9.327	35.130	27.167	0.000	566.0	8.416	35.028	27.233	0.000
467.0	10.156	35.237	27.111	0.000	517.0	9.307	35.128	27.169	0.000	567.0	8.403	35.024	27.232	0.000
468.0	10.142	35.233	27.110	0.000	518.0	9.282	35.125	27.171	0.000	568.0	8.391	35.024	27.234	0.000
469.0	10.095	35.228	27.114	0.000	519.0	9.260	35.121	27.172	0.000	569.0	8.381	35.024	27.235	0.000
470.0	10.078	35.226	27.116	0.000	520.0	9.235	35.120	27.175	0.000	570.0	8.369	35.022	27.235	0.000
471.0	10.069	35.225	27.116	0.000	521.0	9.224	35.118	27.175	0.000	571.0	8.355	35.021	27.237	0.000
472.0	10.059	35.223	27.116	0.000	522.0	9.210	35.117	27.176	0.000	572.0	8.362	35.022	27.236	0.000
473.0	10.053	35.222	27.117	0.000	523.0	9.188	35.114	27.178	0.000	573.0	8.352	35.018	27.235	0.000
474.0	10.042	35.220	27.117	0.000	524.0	9.174	35.113	27.178	0.000	574.0	8.326	35.017	27.238	0.000
475.0	10.029	35.218	27.118	0.000	525.0	9.162	35.111	27.180	0.000	575.0	8.310	35.016	27.240	0.000
476.0	10.001	35.215	27.120	0.000	526.0	9.155	35.110	27.179	0.000	576.0	8.301	35.015	27.240	0.000
477.0	9.990	35.213	27.121	0.000	527.0	9.145	35.108	27.180	0.000	577.0	8.291	35.014	27.241	0.000
478.0	9.976	35.212	27.122	0.000	528.0	9.131	35.107	27.181	0.000	578.0	8.276	35.013	27.243	0.000
479.0	9.948	35.207	27.123	0.000	529.0	9.108	35.104	27.183	0.000	579.0	8.270	35.012	27.243	0.000
480.0	9.903	35.204	27.128	0.000	530.0	9.081	35.102	27.185	0.000	580.0	8.252	35.008	27.242	0.000
481.0	9.888	35.202	27.130	0.000	531.0	9.071	35.100	27.186	0.000	581.0	8.228	35.007	27.245	0.000
482.0	9.882	35.202	27.130	0.000	532.0	9.063	35.099	27.186	0.000	582.0	8.215	35.007	27.247	0.000
483.0	9.867	35.199	27.130	0.000	533.0	9.051	35.097	27.187	0.000	583.0	8.205	35.006	27.248	0.000
484.0	9.861	35.198	27.131	0.000	534.0	9.029	35.093	27.187	0.000	584.0	8.197	35.004	27.248	0.000
485.0	9.844	35.196	27.132	0.000	535.0	8.979	35.090	27.192	0.000	585.0	8.183	35.003	27.249	0.000
486.0	9.817	35.193	27.135	0.000	536.0	8.964	35.088	27.193	0.000	586.0	8.178	35.003	27.250	0.000
487.0	9.799	35.191	27.136	0.000	537.0	8.954	35.086	27.193	0.000	587.0	8.167	35.000	27.249	0.000
488.0	9.791	35.190	27.137	0.000	538.0	8.951	35.085	27.193	0.000	588.0	8.126	34.996	27.252	0.000
489.0	9.791	35.190	27.136	0.000	539.0	8.944	35.084	27.193	0.000	589.0	8.115	34.997	27.254	0.000
490.0	9.786	35.188	27.136	0.000	540.0	8.921	35.080	27.194	0.000	590.0	8.111	34.998	27.256	0.000
491.0	9.776	35.189	27.138	0.000	541.0	8.888	35.077	27.197	0.000	591.0	8.104	34.997	27.256	0.000
492.0	9.763	35.186	27.138	0.000	542.0	8.879	35.076	27.198	0.000	592.0	8.102	34.996	27.256	0.000
493.0	9.746	35.184	27.139	0.000	543.0	8.857	35.073	27.199	0.000	593.0	8.098	34.995	27.256	0.000
494.0	9.728	35.183	27.141	0.000	544.0	8.841	35.071	27.200	0.000	594.0	8.093	34.995	27.256	0.000
495.0	9.705	35.179	27.143	0.000	545.0	8.810	35.067	27.201	0.000	595.0	8.090	34.994	27.256	0.000
496.0	9.693	35.178	27.144	0.000	546.0	8.786	35.065	27.204	0.000	596.0	8.073	34.993	27.258	0.000
497.0	9.685	35.176	27.144	0.000	547.0	8.774	35.064	27.205	0.000	597.0	8.046	34.990	27.260	0.000
498.0	9.674	35.174	27.144	0.000	548.0	8.763	35.062	27.205	0.000	598.0	8.033	34.990	27.261	0.000
499.0	9.660	35.172	27.145	0.000	549.0	8.758	35.062	27.206	0.000	599.0	8.018	34.988	27.262	0.000
500.0	9.617	35.168	27.147	0.000	550.0	8.750	35.060	27.206	0.000	600.0	8.004	34.987	27.263	0.000
501.0	9.580	35.164	27.152	0.000	551.0	8.734	35.058	27.207	0.000	601.0	7.992	34.985	27.264	0.000

STATION SBE024.AUG:: CRUISE 91g02 DATE & TIME Tue Mar 05 08:50:47 1991, Julian day = 64  
 LAT 24 20.38 LON 94 15.36 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
02.0	7.975	34.983	27.264	0.000	652.0	7.338	34.931	27.317	0.000	702.0	6.935	34.909	27.356	0.000
03.0	7.949	34.981	27.267	0.000	653.0	7.330	34.930	27.317	0.000	703.0	6.930	34.908	27.356	0.000
04.0	7.937	34.979	27.268	0.000	654.0	7.322	34.931	27.319	0.000	704.0	6.928	34.908	27.356	0.000
05.0	7.932	34.979	27.268	0.000	655.0	7.322	34.931	27.319	0.000	705.0	6.921	34.908	27.358	0.000
06.0	7.932	34.979	27.267	0.000	656.0	7.318	34.931	27.320	0.000	706.0	6.909	34.907	27.358	0.000
07.0	7.931	34.979	27.268	0.000	657.0	7.308	34.930	27.321	0.000	707.0	6.897	34.907	27.360	0.000
08.0	7.925	34.978	27.268	0.000	658.0	7.296	34.929	27.322	0.000	708.0	6.889	34.906	27.360	0.000
09.0	7.911	34.976	27.269	0.000	659.0	7.288	34.927	27.321	0.000	709.0	6.872	34.907	27.363	0.000
10.0	7.891	34.976	27.271	0.000	660.0	7.280	34.927	27.322	0.000	710.0	6.862	34.906	27.364	0.000
11.0	7.882	34.975	27.272	0.000	661.0	7.266	34.926	27.323	0.000	711.0	6.858	34.906	27.365	0.000
12.0	7.877	34.974	27.272	0.000	662.0	7.245	34.926	27.326	0.000	712.0	6.849	34.905	27.365	0.000
13.0	7.853	34.971	27.273	0.000	663.0	7.242	34.926	27.327	0.000	713.0	6.830	34.905	27.368	0.000
14.0	7.829	34.969	27.276	0.000	664.0	7.241	34.926	27.327	0.000	714.0	6.819	34.905	27.369	0.000
15.0	7.815	34.968	27.277	0.000	665.0	7.241	34.925	27.326	0.000	715.0	6.812	34.904	27.370	0.000
16.0	7.792	34.966	27.278	0.000	666.0	7.241	34.925	27.326	0.000	716.0	6.808	34.904	27.370	0.000
17.0	7.782	34.966	27.280	0.000	667.0	7.240	34.925	27.326	0.000	717.0	6.807	34.904	27.370	0.000
18.0	7.772	34.964	27.280	0.000	668.0	7.231	34.924	27.327	0.000	718.0	6.795	34.902	27.370	0.000
19.0	7.743	34.963	27.283	0.000	669.0	7.218	34.924	27.329	0.000	719.0	6.784	34.903	27.372	0.000
20.0	7.731	34.962	27.284	0.000	670.0	7.213	34.924	27.330	0.000	720.0	6.777	34.903	27.373	0.000
21.0	7.723	34.960	27.284	0.000	671.0	7.205	34.924	27.331	0.000	721.0	6.768	34.902	27.374	0.000
22.0	7.703	34.958	27.285	0.000	672.0	7.202	34.923	27.330	0.000	722.0	6.740	34.900	27.376	0.000
23.0	7.687	34.958	27.287	0.000	673.0	7.201	34.923	27.330	0.000	723.0	6.726	34.900	27.378	0.000
24.0	7.676	34.957	27.288	0.000	674.0	7.190	34.922	27.331	0.000	724.0	6.714	34.899	27.379	0.000
25.0	7.670	34.956	27.289	0.000	675.0	7.180	34.921	27.332	0.000	725.0	6.701	34.898	27.380	0.000
26.0	7.663	34.955	27.289	0.000	676.0	7.171	34.920	27.332	0.000	726.0	6.680	34.898	27.383	0.000
27.0	7.652	34.954	27.290	0.000	677.0	7.156	34.920	27.334	0.000	727.0	6.671	34.898	27.384	0.000
28.0	7.649	34.953	27.290	0.000	678.0	7.142	34.920	27.336	0.000	728.0	6.665	34.898	27.385	0.000
29.0	7.642	34.953	27.290	0.000	679.0	7.132	34.919	27.336	0.000	729.0	6.655	34.897	27.385	0.000
30.0	7.630	34.952	27.292	0.000	680.0	7.128	34.919	27.338	0.000	730.0	6.642	34.896	27.386	0.000
31.0	7.613	34.952	27.294	0.000	681.0	7.125	34.919	27.338	0.000	731.0	6.634	34.895	27.387	0.000
32.0	7.594	34.949	27.294	0.000	682.0	7.120	34.918	27.338	0.000	732.0	6.630	34.895	27.387	0.000
33.0	7.566	34.947	27.297	0.000	683.0	7.110	34.918	27.339	0.000	733.0	6.627	34.895	27.387	0.000
34.0	7.550	34.947	27.299	0.000	684.0	7.104	34.917	27.339	0.000	734.0	6.625	34.896	27.388	0.000
35.0	7.540	34.945	27.299	0.000	685.0	7.095	34.917	27.341	0.000	735.0	6.624	34.896	27.389	0.000
36.0	7.529	34.945	27.301	0.000	686.0	7.092	34.916	27.341	0.000	736.0	6.625	34.896	27.388	0.000
37.0	7.519	34.944	27.302	0.000	687.0	7.090	34.917	27.341	0.000	737.0	6.623	34.896	27.389	0.000
38.0	7.510	34.943	27.302	0.000	688.0	7.078	34.916	27.342	0.000	738.0	6.618	34.895	27.389	0.000
39.0	7.507	34.943	27.302	0.000	689.0	7.068	34.915	27.343	0.000	739.0	6.615	34.895	27.389	0.000
40.0	7.503	34.943	27.303	0.000	690.0	7.050	34.914	27.344	0.000	740.0	6.605	34.895	27.391	0.000
41.0	7.491	34.941	27.303	0.000	691.0	7.043	34.913	27.344	0.000	741.0	6.598	34.896	27.393	0.000
42.0	7.475	34.940	27.305	0.000	692.0	7.023	34.911	27.346	0.000	742.0	6.586	34.896	27.394	0.000
43.0	7.464	34.939	27.306	0.000	693.0	7.012	34.910	27.347	0.000	743.0	6.577	34.897	27.396	0.000
44.0	7.448	34.938	27.307	0.000	694.0	7.003	34.910	27.348	0.000	744.0	6.571	34.896	27.396	0.000
45.0	7.441	34.938	27.308	0.000	695.0	6.991	34.910	27.350	0.000	745.0	6.566	34.895	27.396	0.000
46.0	7.432	34.937	27.308	0.000	696.0	6.977	34.910	27.351	0.000	746.0	6.562	34.897	27.398	0.000
47.0	7.415	34.936	27.310	0.000	697.0	6.972	34.910	27.352	0.000	747.0	6.562	34.896	27.397	0.000
48.0	7.389	34.934	27.312	0.000	698.0	6.969	34.910	27.353	0.000	748.0	6.560	34.894	27.395	0.000
49.0	7.367	34.934	27.315	0.000	699.0	6.957	34.909	27.354	0.000	749.0	6.549	34.895	27.398	0.000
50.0	7.356	34.932	27.315	0.000	700.0	6.943	34.908	27.354	0.000	750.0	6.535	34.895	27.399	0.000
51.0	7.343	34.932	27.317	0.000	701.0	6.941	34.909	27.355	0.000	751.0	6.520	34.893	27.400	0.000

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 LAT 24 20.38 LON 94 15.36 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
752.0	6.503	34.892	27.402	0.000	802.0	6.147	34.889	27.447	0.000	852.0	5.887	34.890	27.480	0.000
753.0	6.486	34.893	27.405	0.000	803.0	6.154	34.888	27.445	0.000	853.0	5.877	34.890	27.481	0.000
754.0	6.484	34.893	27.405	0.000	804.0	6.136	34.889	27.448	0.000	854.0	5.871	34.890	27.482	0.000
755.0	6.482	34.893	27.405	0.000	805.0	6.132	34.889	27.448	0.000	855.0	5.881	34.889	27.480	0.000
756.0	6.479	34.894	27.407	0.000	806.0	6.126	34.888	27.448	0.000	856.0	5.850	34.890	27.485	0.000
757.0	6.475	34.894	27.407	0.000	807.0	6.119	34.889	27.450	0.000	857.0	5.838	34.891	27.488	0.000
758.0	6.469	34.894	27.408	0.000	808.0	6.114	34.889	27.451	0.000	858.0	5.832	34.890	27.488	0.000
759.0	6.459	34.894	27.409	0.000	809.0	6.111	34.889	27.451	0.000	859.0	5.827	34.891	27.489	0.000
760.0	6.454	34.895	27.411	0.000	810.0	6.110	34.889	27.451	0.000	860.0	5.824	34.892	27.490	0.000
761.0	6.444	34.894	27.411	0.000	811.0	6.102	34.889	27.452	0.000	861.0	5.823	34.892	27.490	0.000
762.0	6.436	34.894	27.413	0.000	812.0	6.097	34.889	27.453	0.000	862.0	5.823	34.891	27.489	0.000
763.0	6.436	34.894	27.412	0.000	813.0	6.094	34.888	27.453	0.000	863.0	5.820	34.891	27.489	0.000
764.0	6.433	34.895	27.413	0.000	814.0	6.088	34.890	27.455	0.000	864.0	5.816	34.891	27.490	0.000
765.0	6.430	34.894	27.413	0.000	815.0	6.083	34.888	27.454	0.000	865.0	5.814	34.890	27.490	0.000
766.0	6.417	34.894	27.415	0.000	816.0	6.069	34.889	27.456	0.000	866.0	5.808	34.892	27.492	0.000
767.0	6.413	34.894	27.416	0.000	817.0	6.058	34.889	27.458	0.000	867.0	5.804	34.892	27.492	0.000
768.0	6.403	34.896	27.418	0.000	818.0	6.050	34.889	27.459	0.000	868.0	5.800	34.891	27.492	0.000
769.0	6.396	34.893	27.417	0.000	819.0	6.049	34.889	27.459	0.000	869.0	5.795	34.891	27.493	0.000
770.0	6.390	34.893	27.418	0.000	820.0	6.046	34.889	27.459	0.000	870.0	5.788	34.891	27.493	0.000
771.0	6.380	34.893	27.419	0.000	821.0	6.039	34.889	27.460	0.000	871.0	5.779	34.892	27.495	0.000
772.0	6.367	34.893	27.421	0.000	822.0	6.033	34.889	27.461	0.000	872.0	5.773	34.891	27.496	0.000
773.0	6.362	34.893	27.421	0.000	823.0	6.023	34.890	27.463	0.000	873.0	5.766	34.891	27.497	0.000
774.0	6.353	34.892	27.422	0.000	824.0	6.016	34.890	27.464	0.000	874.0	5.751	34.892	27.499	0.000
775.0	6.338	34.892	27.423	0.000	825.0	6.012	34.889	27.464	0.000	875.0	5.744	34.892	27.500	0.000
776.0	6.327	34.891	27.425	0.000	826.0	6.009	34.889	27.464	0.000	876.0	5.742	34.892	27.500	0.000
777.0	6.319	34.891	27.425	0.000	827.0	6.008	34.889	27.464	0.000	877.0	5.741	34.892	27.500	0.000
778.0	6.303	34.891	27.427	0.000	828.0	6.007	34.888	27.464	0.000	878.0	5.738	34.892	27.501	0.000
779.0	6.290	34.890	27.428	0.000	829.0	6.003	34.888	27.465	0.000	879.0	5.735	34.892	27.501	0.000
780.0	6.282	34.891	27.430	0.000	830.0	5.994	34.889	27.466	0.000	880.0	5.732	34.893	27.502	0.000
781.0	6.280	34.890	27.430	0.000	831.0	5.987	34.888	27.467	0.000	881.0	5.727	34.893	27.502	0.000
782.0	6.275	34.890	27.430	0.000	832.0	5.982	34.889	27.467	0.000	882.0	5.718	34.893	27.504	0.000
783.0	6.272	34.890	27.431	0.000	833.0	5.982	34.888	27.467	0.000	883.0	5.712	34.893	27.505	0.000
784.0	6.267	34.890	27.431	0.000	834.0	5.977	34.888	27.468	0.000	884.0	5.708	34.892	27.505	0.000
785.0	6.260	34.890	27.432	0.000	835.0	5.971	34.888	27.469	0.000	885.0	5.706	34.892	27.505	0.000
786.0	6.249	34.891	27.435	0.000	836.0	5.969	34.889	27.469	0.000	886.0	5.700	34.893	27.506	0.000
787.0	6.244	34.891	27.435	0.000	837.0	5.967	34.889	27.469	0.000	887.0	5.688	34.893	27.508	0.000
788.0	6.238	34.890	27.435	0.000	838.0	5.962	34.889	27.470	0.000	888.0	5.678	34.894	27.510	0.000
789.0	6.235	34.890	27.436	0.000	839.0	5.952	34.889	27.471	0.000	889.0	5.675	34.894	27.510	0.000
790.0	6.221	34.889	27.437	0.000	840.0	5.948	34.889	27.472	0.000	890.0	5.665	34.894	27.511	0.000
791.0	6.221	34.889	27.437	0.000	841.0	5.957	34.889	27.471	0.000	891.0	5.659	34.894	27.512	0.000
792.0	6.219	34.889	27.437	0.000	842.0	5.942	34.889	27.473	0.000	892.0	5.656	34.894	27.513	0.000
793.0	6.212	34.889	27.438	0.000	843.0	5.936	34.890	27.474	0.000	893.0	5.656	34.894	27.512	0.000
794.0	6.204	34.890	27.439	0.000	844.0	5.932	34.889	27.474	0.000	894.0	5.655	34.894	27.513	0.000
795.0	6.200	34.890	27.440	0.000	845.0	5.926	34.889	27.475	0.000	895.0	5.654	34.894	27.513	0.000
796.0	6.196	34.888	27.439	0.000	846.0	5.920	34.890	27.476	0.000	896.0	5.650	34.894	27.514	0.000
797.0	6.184	34.889	27.441	0.000	847.0	5.913	34.888	27.476	0.000	897.0	5.646	34.894	27.514	0.000
798.0	6.177	34.889	27.442	0.000	848.0	5.910	34.889	27.477	0.000	898.0	5.637	34.895	27.515	0.000
799.0	6.169	34.889	27.444	0.000	849.0	5.909	34.889	27.477	0.000	899.0	5.625	34.895	27.517	0.000
800.0	6.161	34.890	27.445	0.000	850.0	5.908	34.889	27.477	0.000	900.0	5.617	34.896	27.519	0.000
801.0	6.155	34.889	27.446	0.000	851.0	5.901	34.888	27.478	0.000	901.0	5.613	34.896	27.520	0.000

STATION SBE024.AUG:: CRUISE 91g02 DATE & TIME Tue Mar 05 08:50:47 1991, Julian day = 64  
 LAT 24 20.38 LON 94 15.36 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

EPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
902.0	5.605	34.896	27.521	0.000	952.0	5.381	34.901	27.552	0.000	1002.0	5.170	34.909	27.583	0.000
903.0	5.599	34.896	27.521	0.000	953.0	5.377	34.901	27.552	0.000	1003.0	5.166	34.909	27.584	0.000
904.0	5.593	34.896	27.522	0.000	954.0	5.374	34.901	27.553	0.000	1004.0	5.166	34.909	27.584	0.000
905.0	5.594	34.896	27.522	0.000	955.0	5.372	34.901	27.553	0.000	1005.0	5.164	34.909	27.584	0.000
906.0	5.592	34.896	27.522	0.000	956.0	5.367	34.901	27.554	0.000	1006.0	5.159	34.910	27.585	0.000
907.0	5.591	34.896	27.522	0.000	957.0	5.361	34.902	27.555	0.000	1007.0	5.155	34.910	27.586	0.000
908.0	5.591	34.895	27.521	0.000	958.0	5.355	34.902	27.556	0.000					
909.0	5.588	34.896	27.522	0.000	959.0	5.351	34.902	27.556	0.000					
910.0	5.589	34.896	27.522	0.000	960.0	5.345	34.902	27.557	0.000					
911.0	5.588	34.895	27.522	0.000	961.0	5.338	34.903	27.559	0.000					
912.0	5.587	34.896	27.522	0.000	962.0	5.333	34.902	27.558	0.000					
913.0	5.585	34.895	27.522	0.000	963.0	5.327	34.902	27.560	0.000					
914.0	5.584	34.896	27.523	0.000	964.0	5.322	34.902	27.560	0.000					
915.0	5.582	34.896	27.523	0.000	965.0	5.311	34.904	27.563	0.000					
916.0	5.581	34.896	27.523	0.000	966.0	5.307	34.903	27.562	0.000					
917.0	5.580	34.896	27.523	0.000	967.0	5.304	34.905	27.564	0.000					
918.0	5.579	34.895	27.523	0.000	968.0	5.301	34.904	27.563	0.000					
919.0	5.572	34.895	27.524	0.000	969.0	5.297	34.904	27.564	0.000					
920.0	5.546	34.896	27.528	0.000	970.0	5.287	34.905	27.566	0.000					
921.0	5.538	34.896	27.529	0.000	971.0	5.285	34.904	27.566	0.000					
922.0	5.531	34.898	27.531	0.000	972.0	5.283	34.905	27.567	0.000					
923.0	5.530	34.896	27.530	0.000	973.0	5.284	34.904	27.566	0.000					
924.0	5.528	34.896	27.530	0.000	974.0	5.282	34.905	27.567	0.000					
925.0	5.518	34.896	27.531	0.000	975.0	5.278	34.905	27.567	0.000					
926.0	5.508	34.897	27.533	0.000	976.0	5.276	34.905	27.567	0.000					
927.0	5.505	34.898	27.534	0.000	977.0	5.270	34.905	27.569	0.000					
928.0	5.504	34.898	27.534	0.000	978.0	5.265	34.905	27.569	0.000					
929.0	5.501	34.898	27.535	0.000	979.0	5.262	34.906	27.570	0.000					
930.0	5.498	34.898	27.535	0.000	980.0	5.262	34.905	27.569	0.000					
931.0	5.495	34.897	27.535	0.000	981.0	5.257	34.905	27.570	0.000					
932.0	5.487	34.898	27.536	0.000	982.0	5.253	34.906	27.571	0.000					
933.0	5.475	34.898	27.538	0.000	983.0	5.248	34.906	27.572	0.000					
934.0	5.469	34.898	27.539	0.000	984.0	5.244	34.906	27.572	0.000					
935.0	5.464	34.899	27.540	0.000	985.0	5.238	34.906	27.573	0.000					
936.0	5.460	34.898	27.540	0.000	986.0	5.233	34.907	27.574	0.000					
937.0	5.454	34.899	27.541	0.000	987.0	5.229	34.907	27.575	0.000					
938.0	5.452	34.898	27.541	0.000	988.0	5.227	34.906	27.574	0.000					
939.0	5.443	34.899	27.542	0.000	989.0	5.224	34.907	27.575	0.000					
940.0	5.436	34.898	27.543	0.000	990.0	5.223	34.907	27.575	0.000					
941.0	5.431	34.899	27.544	0.000	991.0	5.219	34.908	27.576	0.000					
942.0	5.427	34.900	27.545	0.000	992.0	5.216	34.907	27.577	0.000					
943.0	5.425	34.900	27.545	0.000	993.0	5.213	34.907	27.577	0.000					
944.0	5.414	34.899	27.546	0.000	994.0	5.213	34.907	27.576	0.000					
945.0	5.406	34.900	27.548	0.000	995.0	5.200	34.908	27.579	0.000					
946.0	5.400	34.901	27.550	0.000	996.0	5.197	34.908	27.580	0.000					
947.0	5.395	34.901	27.551	0.000	997.0	5.194	34.908	27.580	0.000					
948.0	5.390	34.901	27.551	0.000	998.0	5.190	34.909	27.581	0.000					
949.0	5.389	34.901	27.551	0.000	999.0	5.186	34.909	27.581	0.000					
950.0	5.387	34.901	27.552	0.000	1000.0	5.181	34.908	27.582	0.000					
951.0	5.386	34.901	27.551	0.000	1001.0	5.176	34.909	27.582	0.000					



TRANSMITTANCE IN VOLTS  
8.50 9.00 9.50

TEMPERATURE DEG C  
15.00 20.00

SALINITY PPT  
35.50 36.00 36.50

DEPTH  
IN  
METERS

50

100

150

200

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CRUISE: 91g02 STATION: SBE024.A DATE: Mar 05 08: 50: 47 1991  
LATITUDE: 24 20.38 LONGITUDE: 94 15.36

Cruise: 91G02  
 Date: 03-05-1991  
 Time: 12:37:16 GMT  
 Lat: 24 31.70 N  
 Lon: 93 48.70 W  
 Stn. 25

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	23.78	68.78	23.68	102.69	23.58
		35.46	23.79	69.46	23.67	103.37	23.58
2.05	23.88	36.14	23.77	70.14	23.68	104.04	23.57
2.73	23.88	36.82	23.78	70.81	23.66	104.72	23.59
3.41	23.84	37.50	23.77	71.49	23.68	105.40	23.57
4.10	23.86	38.18	23.78	72.17	23.68	106.07	23.58
4.78	23.84	38.86	23.79	72.85	23.66	106.75	23.57
5.46	23.84	39.54	23.77	73.53	23.68	107.43	23.57
6.14	23.86	40.22	23.80	74.21	23.67	108.11	23.58
6.83	23.90	40.90	23.78	74.89	23.66	108.78	23.56
7.51	23.91	41.58	23.79	75.57	23.66	109.46	23.58
8.19	23.91	42.26	23.77	76.25	23.67	110.14	23.57
8.87	23.91	42.94	23.76	76.92	23.67	110.81	23.57
9.56	23.89	43.62	23.77	77.60	23.68	111.49	23.57
10.24	23.89	44.31	23.78	78.28	23.68	112.17	23.56
10.92	23.85	44.99	23.77	78.96	23.68	112.84	23.58
11.60	23.85	45.67	23.76	79.64	23.68	113.52	23.55
12.28	23.86	46.35	23.75	80.32	23.67	114.20	23.55
12.97	23.84	47.03	23.74	81.00	23.67	114.87	23.54
13.65	23.83	47.71	23.75	81.67	23.69	115.55	23.54
14.33	23.83	48.39	23.74	82.35	23.68	116.23	23.55
15.01	23.84	49.07	23.73	83.03	23.68	116.90	23.54
15.69	23.85	49.75	23.75	83.71	23.69	117.58	23.55
16.38	23.84	50.43	23.74	84.39	23.67	118.26	23.54
17.06	23.83	51.11	23.74	85.07	23.66	118.93	23.54
17.74	23.83	51.79	23.75	85.74	23.69	119.61	23.53
18.42	23.79	52.47	23.74	86.42	23.67	120.29	23.54
19.10	23.81	53.15	23.75	87.10	23.68	120.96	23.54
19.79	23.81	53.83	23.73	87.78	23.67	121.64	23.54
20.47	23.81	54.51	23.72	88.46	23.68	122.31	23.54
21.15	23.83	55.19	23.73	89.13	23.68	122.99	23.53
21.83	23.80	55.87	23.72	89.81	23.65	123.67	23.54
22.51	23.81	56.55	23.71	90.49	23.67	124.34	23.54
23.19	23.78	57.23	23.71	91.17	23.66	125.02	23.52
23.88	23.80	57.91	23.72	91.85	23.64	125.70	23.49
24.56	23.79	58.59	23.71	92.52	23.64	126.37	23.44
25.24	23.77	59.27	23.73	93.20	23.63	127.05	23.38
25.92	23.81	59.95	23.72	93.88	23.63	127.72	23.27
26.60	23.79	60.63	23.72	94.56	23.62	128.40	23.13
27.28	23.81	61.30	23.69	95.24	23.61	129.07	22.95
27.96	23.80	61.98	23.71	95.91	23.61	129.75	22.75
28.65	23.78	62.66	23.73	96.59	23.61	130.43	22.55
29.33	23.78	63.34	23.72	97.27	23.60	131.10	22.42
30.01	23.77	64.02	23.71	97.95	23.60	131.78	22.38
30.69	23.80	64.70	23.70	98.62	23.58	132.45	22.33
31.37	23.80	65.38	23.70	99.30	23.57	133.13	22.29
32.05	23.78	66.06	23.69	99.98	23.58	133.81	22.27
32.73	23.79	66.74	23.70	100.66	23.58	134.48	22.28
33.41	23.78	67.42	23.68	101.33	23.59	135.16	22.27
34.09	23.77	68.10	23.68	102.01	23.60	135.83	22.23
34.78	23.78	68.78	23.68	102.69	23.58	136.51	22.18

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	22.08	174.28	19.70	211.26	17.83	248.14	16.14
137.86	21.99	174.95	19.65	211.93	17.80	248.81	16.09
138.53	21.95	175.62	19.59	212.60	17.76	249.48	16.06
139.21	21.89	176.30	19.55	213.28	17.74	250.14	16.04
139.88	21.84	176.97	19.51	213.95	17.72	250.81	16.02
140.56	21.79	177.64	19.49	214.62	17.71	251.48	16.00
141.23	21.76	178.32	19.49	215.29	17.63	252.15	15.97
141.91	21.73	178.99	19.47	215.96	17.59	252.82	15.97
142.59	21.73	179.66	19.45	216.63	17.55	253.49	15.97
143.26	21.75	180.34	19.39	217.30	17.54	254.16	15.95
143.94	21.75	181.01	19.35	217.97	17.51	254.83	15.94
144.61	21.70	181.68	19.31	218.65	17.49	255.50	15.93
145.29	21.67	182.36	19.27	219.32	17.45	256.17	15.90
145.96	21.63	183.03	19.24	219.99	17.38	256.84	15.82
146.64	21.61	183.70	19.23	220.66	17.31	257.50	15.77
147.31	21.58	184.38	19.21	221.33	17.26	258.17	15.75
147.99	21.54	185.05	19.17	222.00	17.24	258.84	15.73
148.66	21.56	185.72	19.13	222.67	17.21	259.51	15.70
149.34	21.57	186.39	19.09	223.34	17.19	260.18	15.63
150.01	21.51	187.07	19.04	224.01	17.15	260.85	15.59
150.68	21.42	187.74	19.03	224.68	17.14	261.52	15.53
151.36	21.34	188.41	19.03	225.35	17.13	262.19	15.52
152.03	21.36	189.08	19.00	226.02	17.12	262.86	15.52
152.71	21.40	189.76	18.99	226.70	17.11	263.52	15.52
153.38	21.42	190.43	18.98	227.37	17.09	264.19	15.53
154.06	21.42	191.10	18.97	228.04	17.08	264.86	15.52
154.73	21.37	191.77	18.96	228.71	17.05	265.53	15.52
155.41	21.32	192.45	18.97	229.38	17.04	266.20	15.52
156.08	21.27	193.12	18.97	230.05	16.96	266.87	15.53
156.76	21.19	193.79	18.96	230.72	16.90	267.53	15.52
157.43	21.13	194.46	18.89	231.39	16.87	268.20	15.51
158.10	21.10	195.14	18.85	232.06	16.84	268.87	15.52
158.78	21.02	195.81	18.79	232.73	16.84	269.54	15.52
159.45	20.96	196.48	18.71	233.40	16.83	270.21	15.51
160.13	20.91	197.15	18.63	234.07	16.83	270.88	15.45
160.80	20.91	197.83	18.55	234.74	16.83	271.54	15.42
161.48	20.88	198.50	18.50	235.41	16.83	272.21	15.38
162.15	20.83	199.17	18.46	236.08	16.81	272.88	15.36
162.82	20.76	199.84	18.42	236.75	16.77	273.55	15.34
163.50	20.64	200.51	18.38	237.42	16.73	274.22	15.34
164.17	20.58	201.19	18.34	238.09	16.68	274.88	15.34
164.85	20.49	201.86	18.31	238.76	16.66	275.55	15.28
165.52	20.40	202.53	18.29	239.43	16.64	276.22	15.26
166.19	20.35	203.20	18.27	240.10	16.57	276.89	15.20
166.87	20.29	203.87	18.23	240.77	16.51	277.56	15.13
167.54	20.20	204.55	18.15	241.44	16.45	278.22	15.05
168.22	20.12	205.22	18.08	242.11	16.43	278.89	14.99
168.89	20.07	205.89	18.06	242.78	16.41	279.56	14.96
169.56	20.02	206.56	18.02	243.45	16.41	280.23	14.90
170.24	19.99	207.23	17.98	244.12	16.37	280.90	14.90
170.91	19.92	207.90	17.95	244.79	16.36	281.56	14.88
171.58	19.87	208.58	17.92	245.46	16.36	282.23	14.85
172.26	19.85	209.25	17.91	246.13	16.32	282.90	14.81
172.93	19.82	209.92	17.89	246.80	16.23	283.57	14.78
173.60	19.76	210.59	17.85	247.47	16.18	284.23	14.78
174.28	19.70	211.26	17.83	248.14	16.14	284.90	14.76

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	14.74	322.22	13.66	358.76	12.50	395.19	11.56
286.24	14.73	322.89	13.65	359.43	12.46	395.86	11.52
286.90	14.72	323.55	13.61	360.09	12.44	396.52	11.49
287.57	14.68	324.22	13.60	360.75	12.40	397.18	11.48
288.24	14.64	324.88	13.59	361.42	12.40	397.84	11.45
288.90	14.61	325.55	13.55	362.08	12.38	398.50	11.44
289.57	14.58	326.21	13.52	362.74	12.36	399.16	11.44
290.24	14.58	326.88	13.49	363.40	12.32	399.82	11.43
290.91	14.55	327.54	13.48	364.07	12.27	400.48	11.41
291.57	14.52	328.21	13.46	364.73	12.26	401.14	11.39
292.24	14.51	328.87	13.45	365.39	12.23	401.81	11.38
292.91	14.50	329.54	13.43	366.06	12.18	402.47	11.36
293.57	14.49	330.20	13.42	366.72	12.13	403.13	11.35
294.24	14.45	330.87	13.42	367.38	12.11	403.79	11.36
294.91	14.46	331.53	13.39	368.05	12.10	404.45	11.36
295.57	14.41	332.20	13.40	368.71	12.09	405.11	11.34
296.24	14.37	332.86	13.39	369.37	12.12	405.77	11.34
296.91	14.35	333.53	13.38	370.03	12.12	406.43	11.32
297.58	14.31	334.19	13.34	370.70	12.08	407.09	11.31
298.24	14.29	334.86	13.34	371.36	12.09	407.75	11.29
298.91	14.24	335.52	13.32	372.02	12.08	408.41	11.30
299.58	14.25	336.19	13.30	372.69	12.06	409.08	11.28
300.24	14.25	336.85	13.29	373.35	12.04	409.74	11.27
300.91	14.27	337.51	13.27	374.01	12.05	410.40	11.23
301.58	14.24	338.18	13.24	374.67	12.05	411.06	11.26
302.24	14.23	338.84	13.24	375.34	12.03	411.72	11.24
302.91	14.21	339.51	13.24	376.00	12.02	412.38	11.24
303.57	14.15	340.17	13.22	376.66	12.01	413.04	11.21
304.24	14.14	340.84	13.20	377.32	12.02	413.70	11.18
304.91	14.11	341.50	13.18	377.99	11.96	414.36	11.18
305.57	14.09	342.17	13.17	378.65	11.95	415.02	11.18
306.24	14.08	342.83	13.15	379.31	11.94	415.68	11.17
306.91	14.06	343.49	13.13	379.97	11.93	416.34	11.15
307.57	14.05	344.16	13.10	380.63	11.90	417.00	11.12
308.24	14.03	344.82	13.11	381.30	11.87	417.66	11.14
308.90	14.04	345.49	13.06	381.96	11.85	418.32	11.10
309.57	14.04	346.15	13.04	382.62	11.82	418.98	11.08
310.24	14.02	346.81	12.99	383.28	11.81	419.64	11.06
310.90	14.02	347.48	12.96	383.94	11.77	420.30	11.04
311.57	13.99	348.14	12.93	384.61	11.76	420.96	11.00
312.23	13.97	348.81	12.93	385.27	11.75	421.62	11.00
312.90	13.92	349.47	12.92	385.93	11.75	422.28	10.99
313.57	13.93	350.13	12.89	386.59	11.75	422.94	10.98
314.23	13.91	350.80	12.87	387.25	11.72	423.60	10.96
314.90	13.89	351.46	12.83	387.92	11.73	424.26	10.95
315.56	13.86	352.13	12.77	388.58	11.73	424.92	10.93
316.23	13.85	352.79	12.73	389.24	11.75	425.58	10.92
316.90	13.84	353.45	12.70	389.90	11.71	426.24	10.89
317.56	13.77	354.12	12.68	390.56	11.68	426.90	10.88
318.23	13.77	354.78	12.67	391.22	11.67	427.56	10.87
318.89	13.73	355.44	12.64	391.89	11.65	428.22	10.86
319.56	13.71	356.11	12.61	392.55	11.65	428.88	10.86
320.22	13.71	356.77	12.59	393.21	11.64	429.54	10.85
320.89	13.71	357.44	12.55	393.87	11.62	430.20	10.81
321.55	13.70	358.10	12.54	394.53	11.60	430.86	10.80
322.22	13.66	358.76	12.50	395.19	11.56	431.52	10.78

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	10.79	468.38	10.11	504.48	9.57	540.47	8.97
432.83	10.77	469.04	10.13	505.14	9.57	541.13	8.94
433.49	10.77	469.70	10.12	505.79	9.55	541.78	8.96
434.15	10.75	470.36	10.12	506.45	9.54	542.43	8.93
434.81	10.76	471.01	10.12	507.11	9.52	543.09	8.92
435.47	10.75	471.67	10.10	507.76	9.50	543.74	8.92
436.13	10.72	472.33	10.09	508.42	9.49	544.39	8.91
436.79	10.70	472.99	10.08	509.07	9.47	545.05	8.89
437.45	10.71	473.64	10.07	509.73	9.46	545.70	8.87
438.11	10.67	474.30	10.07	510.38	9.46	546.35	8.88
438.77	10.65	474.96	10.08	511.04	9.47	547.01	8.87
439.43	10.64	475.61	10.05	511.69	9.47	547.66	8.87
440.08	10.61	476.27	10.06	512.35	9.46	548.31	8.87
440.74	10.61	476.93	10.04	513.00	9.45	548.96	8.87
441.40	10.59	477.58	10.03	513.66	9.42	549.62	8.86
442.06	10.59	478.24	10.03	514.31	9.40	550.27	8.86
442.72	10.57	478.90	10.02	514.97	9.40	550.92	8.86
443.38	10.55	479.55	10.01	515.62	9.38	551.58	8.86
444.04	10.56	480.21	10.00	516.27	9.37	552.23	8.85
444.70	10.55	480.87	9.97	516.93	9.36	552.88	8.84
445.35	10.54	481.52	9.96	517.58	9.32	553.53	8.82
446.01	10.56	482.18	9.97	518.24	9.29	554.19	8.82
446.67	10.55	482.84	9.95	518.89	9.30	554.84	8.80
447.33	10.55	483.49	9.95	519.55	9.29	555.49	8.81
447.99	10.51	484.15	9.95	520.20	9.26	556.14	8.80
448.65	10.50	484.81	9.92	520.86	9.26	556.80	8.79
449.31	10.49	485.46	9.92	521.51	9.25	557.45	8.79
449.96	10.49	486.12	9.92	522.17	9.23	558.10	8.79
450.62	10.47	486.78	9.89	522.82	9.21	558.75	8.77
451.28	10.45	487.43	9.87	523.47	9.21	559.41	8.76
451.94	10.44	488.09	9.84	524.13	9.19	560.06	8.76
452.60	10.43	488.75	9.85	524.78	9.18	560.71	8.76
453.26	10.42	489.40	9.84	525.44	9.18	561.36	8.74
453.91	10.41	490.06	9.82	526.09	9.17	562.01	8.73
454.57	10.41	490.71	9.80	526.75	9.16	562.67	8.73
455.23	10.40	491.37	9.80	527.40	9.12	563.32	8.72
455.89	10.37	492.03	9.78	528.05	9.13	563.97	8.67
456.55	10.40	492.68	9.78	528.71	9.10	564.62	8.68
457.20	10.37	493.34	9.76	529.36	9.10	565.27	8.67
457.86	10.38	493.99	9.74	530.02	9.11	565.93	8.64
458.52	10.36	494.65	9.74	530.67	9.09	566.58	8.63
459.18	10.33	495.31	9.74	531.32	9.10	567.23	8.62
459.84	10.31	495.96	9.72	531.98	9.06	567.88	8.60
460.49	10.30	496.62	9.71	532.63	9.08	568.53	8.58
461.15	10.32	497.27	9.69	533.28	9.07	569.19	8.58
461.81	10.28	497.93	9.69	533.94	9.05	569.84	8.58
462.47	10.28	498.58	9.67	534.59	9.04	570.49	8.56
463.12	10.27	499.24	9.63	535.25	9.04	571.14	8.54
463.78	10.27	499.90	9.59	535.90	9.03	571.79	8.54
464.44	10.24	500.55	9.60	536.55	9.01	572.44	8.53
465.10	10.21	501.21	9.60	537.21	9.01	573.10	8.50
465.75	10.19	501.86	9.61	537.86	9.00	573.75	8.51
466.41	10.17	502.52	9.60	538.51	9.00	574.40	8.50
467.07	10.15	503.17	9.60	539.17	8.99	575.05	8.50
467.73	10.15	503.83	9.58	539.82	8.98	575.70	8.48
468.38	10.11	504.48	9.57	540.47	8.97	576.35	8.48

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	8.45	612.77	7.88	648.43	7.49	683.98	7.17
577.66	8.44	613.42	7.86	649.08	7.49	684.62	7.16
578.31	8.44	614.07	7.88	649.72	7.50	685.27	7.14
578.96	8.42	614.72	7.86	650.37	7.50	685.91	7.14
579.61	8.40	615.37	7.84	651.02	7.48	686.56	7.15
580.26	8.40	616.02	7.84	651.66	7.47	687.20	7.13
580.91	8.39	616.67	7.83	652.31	7.46	687.85	7.10
581.56	8.37	617.32	7.82	652.96	7.46	688.49	7.10
582.21	8.36	617.96	7.83	653.61	7.45	689.14	7.10
582.86	8.37	618.61	7.83	654.25	7.45	689.78	7.08
583.52	8.35	619.26	7.81	654.90	7.45	690.43	7.08
584.17	8.33	619.91	7.80	655.55	7.43	691.07	7.09
584.82	8.33	620.56	7.79	656.19	7.42	691.72	7.08
585.47	8.31	621.21	7.79	656.84	7.40	692.36	7.08
586.12	8.27	621.86	7.79	657.49	7.40	693.01	7.07
586.77	8.26	622.51	7.79	658.13	7.40	693.65	7.07
587.42	8.25	623.16	7.77	658.78	7.38	694.30	7.06
588.07	8.24	623.80	7.77	659.43	7.40	694.94	7.04
588.72	8.24	624.45	7.76	660.07	7.39	695.59	7.05
589.37	8.25	625.10	7.76	660.72	7.38	696.23	7.04
590.02	8.25	625.75	7.75	661.37	7.39	696.87	7.03
590.67	8.24	626.40	7.74	662.01	7.38	697.52	7.03
591.32	8.23	627.05	7.74	662.66	7.36	698.16	7.00
591.97	8.23	627.70	7.75	663.31	7.35	698.81	7.02
592.63	8.22	628.34	7.75	663.95	7.36	699.45	7.03
593.28	8.20	628.99	7.75	664.60	7.35	700.10	7.03
593.93	8.17	629.64	7.74	665.25	7.35	700.74	7.02
594.58	8.17	630.29	7.73	665.89	7.34	701.39	7.01
595.23	8.16	630.94	7.72	666.54	7.34	702.03	7.00
595.88	8.15	631.59	7.72	667.19	7.35	702.67	7.01
596.53	8.14	632.23	7.72	667.83	7.35	703.32	7.00
597.18	8.14	632.88	7.70	668.48	7.35	703.96	7.00
597.83	8.13	633.53	7.69	669.12	7.34	704.61	6.99
598.48	8.11	634.18	7.69	669.77	7.34	705.25	6.98
599.13	8.09	634.83	7.68	670.42	7.33	705.90	6.98
599.78	8.08	635.48	7.66	671.06	7.33	706.54	6.96
600.43	8.06	636.12	7.66	671.71	7.32	707.18	6.97
601.08	8.05	636.77	7.66	672.35	7.31	707.83	6.96
601.73	8.04	637.42	7.63	673.00	7.31	708.47	6.97
602.38	8.04	638.07	7.61	673.65	7.29	709.11	6.97
603.03	8.03	638.71	7.61	674.29	7.28	709.76	6.98
603.68	8.02	639.36	7.58	674.94	7.26	710.40	6.96
604.33	8.02	640.01	7.59	675.58	7.26	711.05	6.95
604.98	7.99	640.66	7.58	676.23	7.25	711.69	6.95
605.63	7.99	641.31	7.59	676.88	7.25	712.33	6.94
606.28	7.97	641.95	7.57	677.52	7.26	712.98	6.92
606.93	7.96	642.60	7.57	678.17	7.23	713.62	6.94
607.58	7.94	643.25	7.56	678.81	7.23	714.26	6.92
608.23	7.94	643.90	7.56	679.46	7.22	714.91	6.92
608.88	7.93	644.54	7.55	680.10	7.21	715.55	6.90
609.52	7.93	645.19	7.53	680.75	7.21	716.20	6.91
610.17	7.91	645.84	7.52	681.39	7.20	716.84	6.92
610.82	7.90	646.49	7.51	682.04	7.21	717.48	6.90
611.47	7.89	647.13	7.51	682.68	7.20	718.13	6.90
612.12	7.87	647.78	7.50	683.33	7.19	718.77	6.88
612.77	7.88	648.43	7.49	683.98	7.17	719.41	6.88

STATION SBE026.AUG:: CRUISE 91g02 DATE &amp; TIME Tue Mar 05 14:42:08 1991, Julian day = 64

LAT 24 40.0 LON 93 29.7 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

PTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
3.0	23.305	<del>36.352</del>	<del>24.872</del>	<del>8.975</del>	53.0	23.319	36.412	24.914	8.973	103.0	23.472	36.485	24.924	9.000
4.0	23.306	<del>36.371</del>	<del>24.875</del>	8.975	54.0	23.319	36.413	24.914	8.974	104.0	23.472	36.485	24.924	9.000
5.0	23.306	<del>36.318</del>	<del>24.771</del>	8.977	55.0	23.319	36.413	24.915	8.975	105.0	23.482	36.491	24.926	9.004
6.0	23.307	36.403	24.910	8.976	56.0	23.319	36.414	24.915	8.966	106.0	23.491	36.495	24.927	9.007
7.0	23.308	36.402	24.909	8.973	57.0	23.320	36.416	24.917	8.970	107.0	23.497	36.500	24.928	9.012
8.0	23.309	36.402	24.909	8.976	58.0	23.318	36.414	24.916	8.972	108.0	23.501	36.504	24.930	9.009
9.0	23.309	36.403	24.910	8.978	59.0	23.319	36.414	24.915	8.973	109.0	23.498	36.504	24.930	9.015
10.0	23.309	36.403	24.910	8.974	60.0	23.319	36.415	24.916	8.971	110.0	23.471	36.500	24.936	9.022
11.0	23.309	36.403	24.910	8.975	61.0	23.319	36.415	24.916	8.971	111.0	23.445	36.500	24.943	9.023
12.0	23.310	36.404	24.911	8.973	62.0	23.321	36.416	24.916	8.968	112.0	23.438	36.498	24.945	9.024
13.0	23.310	36.405	24.911	8.977	63.0	23.324	36.415	24.915	8.969	113.0	23.430	36.498	24.946	9.023
14.0	23.310	36.406	24.912	8.975	64.0	23.323	36.415	24.915	8.963	114.0	23.426	36.497	24.947	9.024
15.0	23.310	36.404	24.911	8.975	65.0	23.325	36.414	24.914	8.972	115.0	23.419	36.497	24.948	9.024
16.0	23.311	36.404	24.910	8.973	66.0	23.324	36.415	24.914	8.973	116.0	23.416	36.496	24.949	9.025
17.0	23.310	36.406	24.912	8.974	67.0	23.323	36.415	24.915	8.973	117.0	23.399	36.493	24.952	9.024
18.0	23.309	36.407	24.912	8.974	68.0	23.326	36.417	24.916	8.974	118.0	23.356	36.490	24.961	9.024
19.0	23.309	36.407	24.913	8.973	69.0	23.327	36.416	24.915	8.973	119.0	23.314	36.486	24.971	9.023
20.0	23.310	36.406	24.912	8.973	70.0	23.337	36.423	24.917	8.975	120.0	23.190	36.467	24.993	9.030
21.0	23.310	36.405	24.911	8.973	71.0	23.339	36.423	24.916	8.974	121.0	23.039	36.450	25.024	9.036
22.0	23.312	36.411	24.915	8.971	72.0	23.339	36.423	24.916	8.974	122.0	22.855	36.417	25.052	9.040
23.0	23.311	36.412	24.916	8.963	73.0	23.338	36.423	24.917	8.973	123.0	22.676	36.399	25.090	9.043
24.0	23.312	36.412	24.916	8.974	74.0	23.337	36.422	24.916	8.977	124.0	22.396	36.370	25.149	9.055
25.0	23.312	36.412	24.916	8.972	75.0	23.340	36.424	24.916	8.973	125.0	22.410	36.480	25.228	9.062
26.0	23.313	36.412	24.916	8.973	76.0	23.339	36.423	24.916	8.974	126.0	22.416	36.513	25.251	9.063
27.0	23.313	36.412	24.915	8.974	77.0	23.340	36.423	24.916	8.978	127.0	22.407	36.517	25.257	9.064
28.0	23.313	36.412	24.916	8.974	78.0	23.339	36.423	24.916	8.972	128.0	22.414	36.520	25.257	9.067
29.0	23.315	36.411	24.915	8.969	79.0	23.339	36.422	24.916	8.975	129.0	22.417	36.522	25.258	9.065
30.0	23.315	36.412	24.915	8.972	80.0	23.338	36.423	24.916	8.976	130.0	22.403	36.522	25.262	9.062
31.0	23.318	36.411	24.913	8.972	81.0	23.338	36.422	24.916	8.977	131.0	22.364	36.526	25.276	9.068
32.0	23.316	36.412	24.915	8.972	82.0	23.338	36.422	24.916	8.978	132.0	22.291	36.540	25.307	9.066
33.0	23.318	36.411	24.913	8.972	83.0	23.338	36.422	24.916	8.967	133.0	22.244	36.546	25.325	9.068
34.0	23.319	36.410	24.912	8.970	84.0	23.339	36.422	24.916	8.972	134.0	22.233	36.552	25.333	9.068
35.0	23.319	36.411	24.913	8.970	85.0	23.339	36.422	24.916	8.975	135.0	22.216	36.600	25.374	9.073
36.0	23.319	36.411	24.913	8.970	86.0	23.340	36.423	24.916	8.975	136.0	22.233	36.613	25.380	9.071
37.0	23.319	36.411	24.913	8.971	87.0	23.340	36.422	24.915	8.975	137.0	22.097	36.588	25.399	9.074
38.0	23.319	36.411	24.913	8.971	88.0	23.341	36.423	24.916	8.975	138.0	21.948	36.571	25.428	9.073
39.0	23.319	36.412	24.914	8.971	89.0	23.345	36.425	24.916	8.978	139.0	21.831	36.552	25.447	9.079
40.0	23.319	36.412	24.914	8.969	90.0	23.348	36.426	24.916	8.978	140.0	21.728	36.549	25.473	9.079
41.0	23.319	36.412	24.914	8.962	91.0	23.350	36.428	24.917	8.977	141.0	21.660	36.555	25.497	9.081
42.0	23.319	36.412	24.914	8.971	92.0	23.362	36.434	24.917	8.978	142.0	21.617	36.557	25.511	9.082
43.0	23.319	36.412	24.914	8.971	93.0	23.368	36.436	24.918	8.981	143.0	21.583	36.559	25.521	9.083
44.0	23.318	36.410	24.913	8.971	94.0	23.370	36.437	24.918	8.981	144.0	21.558	36.559	25.528	9.083
45.0	23.319	36.410	24.913	8.972	95.0	23.368	36.436	24.917	8.975	145.0	21.531	36.557	25.534	9.082
46.0	23.319	36.411	24.913	8.972	96.0	23.371	36.438	24.919	8.980	146.0	21.458	36.557	25.554	9.081
47.0	23.319	36.410	24.913	8.964	97.0	23.387	36.447	24.920	8.984	147.0	21.401	36.565	25.577	9.083
48.0	23.319	36.411	24.913	8.973	98.0	23.408	36.456	24.921	8.990	148.0	21.345	36.577	25.602	9.082
49.0	23.319	36.411	24.913	8.974	99.0	23.427	36.464	24.921	8.988	149.0	21.242	36.575	25.629	9.086
50.0	23.319	36.411	24.914	8.971	100.0	23.431	36.465	24.921	8.989	150.0	21.198	36.597	25.657	9.088
51.0	23.319	36.412	24.914	8.970	101.0	23.439	36.470	24.922	8.985	151.0	21.127	36.614	25.690	9.085
52.0	23.319	36.412	24.914	8.974	102.0	23.465	36.481	24.924	8.993	152.0	21.074	36.625	25.712	9.087

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DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
153.0	21.017	36.633	25.734	9.084	203.0	18.003	36.406	26.350	0.000	253.0	15.912	36.108	26.622	0.000
154.0	20.981	36.637	25.748	9.088	204.0	17.936	36.397	26.360	0.000	254.0	15.907	36.107	26.622	0.000
155.0	20.957	36.638	25.754	9.087	205.0	17.883	36.393	26.369	0.000	255.0	15.896	36.105	26.623	0.000
156.0	20.924	36.638	25.764	9.089	206.0	17.870	36.391	26.371	0.000	256.0	15.887	36.103	26.624	0.000
157.0	20.899	36.637	25.770	9.088	207.0	17.853	36.386	26.372	0.000	257.0	15.872	36.101	26.625	0.000
158.0	20.880	36.634	25.773	9.088	208.0	17.827	36.382	26.375	0.000	258.0	15.855	36.098	26.627	0.000
159.0	20.804	36.610	25.775	9.086	209.0	17.790	36.375	26.379	0.000	259.0	15.832	36.093	26.628	0.000
160.0	20.659	36.596	25.804	9.086	210.0	17.735	36.367	26.386	0.000	260.0	15.793	36.087	26.633	0.000
161.0	20.596	36.585	25.813	9.087	211.0	17.668	36.359	26.396	0.000	261.0	15.708	36.076	26.643	0.000
162.0	20.500	36.569	25.826	9.086	212.0	17.636	36.355	26.401	0.000	262.0	15.632	36.067	26.654	0.000
163.0	20.419	36.557	25.839	9.085	213.0	17.603	36.349	26.405	0.000	263.0	15.548	36.055	26.664	0.000
164.0	20.301	36.541	25.859	9.084	214.0	17.557	36.346	26.414	0.000	264.0	15.479	36.047	26.673	0.000
165.0	20.210	36.534	25.878	9.082	215.0	17.541	36.345	26.417	0.000	265.0	15.434	36.040	26.678	0.000
166.0	20.128	36.531	25.897	9.083	216.0	17.525	36.343	26.419	0.000	266.0	15.399	36.034	26.682	0.000
167.0	20.037	36.529	25.920	9.084	217.0	17.506	36.340	26.422	0.000	267.0	15.355	36.026	26.685	0.000
168.0	19.938	36.520	25.939	9.083	218.0	17.463	36.336	26.429	0.000	268.0	15.287	36.016	26.693	0.000
169.0	19.802	36.513	25.970	9.083	219.0	17.435	36.333	26.434	0.000	269.0	15.246	36.009	26.696	0.000
170.0	19.722	36.512	25.990	9.082	220.0	17.412	36.331	26.438	0.000	270.0	15.147	35.994	26.707	0.000
171.0	19.684	36.512	26.000	9.083	221.0	17.400	36.329	26.439	0.000	271.0	15.103	35.989	26.713	0.000
172.0	19.651	36.512	26.009	9.084	222.0	17.342	36.322	26.448	0.000	272.0	15.077	35.984	26.714	0.000
173.0	19.615	36.510	26.017	9.083	223.0	17.313	36.324	26.457	0.000	273.0	15.046	35.978	26.717	0.000
174.0	19.594	36.509	26.022	9.085	224.0	17.292	36.321	26.459	0.000	274.0	15.018	35.975	26.721	0.000
175.0	19.573	36.507	26.026	9.082	225.0	17.242	36.313	26.465	0.000	275.0	15.004	35.973	26.722	0.000
176.0	19.537	36.503	26.032	9.083	226.0	17.183	36.304	26.473	0.000	276.0	14.997	35.971	26.723	0.000
177.0	19.466	36.496	26.045	9.081	227.0	17.124	36.295	26.480	0.000	277.0	14.979	35.967	26.724	0.000
178.0	19.219	36.471	26.091	9.078	228.0	17.054	36.284	26.488	0.000	278.0	14.958	35.964	26.726	0.000
179.0	19.015	36.471	26.143	9.075	229.0	17.007	36.276	26.494	0.000	279.0	14.909	35.954	26.729	0.000
180.0	18.954	36.470	26.158	9.077	230.0	16.923	36.264	26.505	0.000	280.0	14.832	35.944	26.738	0.000
181.0	18.968	36.489	26.169	9.079	231.0	16.882	36.259	26.511	0.000	281.0	14.796	35.937	26.741	0.000
182.0	18.983	36.511	26.182	9.081	232.0	16.871	36.256	26.511	0.000	282.0	14.754	35.931	26.745	0.000
183.0	18.939	36.506	26.190	9.081	233.0	16.847	36.250	26.512	0.000	283.0	14.681	35.918	26.751	0.000
184.0	18.880	36.497	26.198	9.081	234.0	16.831	36.248	26.514	0.000	284.0	14.595	35.908	26.762	0.000
185.0	18.854	36.494	26.202	9.080	235.0	16.810	36.244	26.516	0.000	285.0	14.553	35.901	26.766	0.000
186.0	18.829	36.488	26.204	9.076	236.0	16.769	36.236	26.520	0.000	286.0	14.527	35.895	26.767	0.000
187.0	18.742	36.477	26.218	9.079	237.0	16.642	36.219	26.537	0.000	287.0	14.485	35.886	26.769	0.000
188.0	18.679	36.468	26.227	9.077	238.0	16.581	36.211	26.545	0.000	288.0	14.433	35.881	26.776	0.000
189.0	18.632	36.461	26.234	9.075	239.0	16.540	36.204	26.549	0.000	289.0	14.410	35.877	26.778	0.000
190.0	18.558	36.453	26.246	9.075	240.0	16.510	36.200	26.553	0.000	290.0	14.401	35.874	26.778	0.000
191.0	18.492	36.449	26.260	9.078	241.0	16.491	36.195	26.554	0.000	291.0	14.378	35.869	26.779	0.000
192.0	18.450	36.446	26.269	9.082	242.0	16.464	36.190	26.556	0.000	292.0	14.348	35.865	26.782	0.000
193.0	18.446	36.445	26.269	9.081	243.0	16.374	36.176	26.566	0.000	293.0	14.310	35.859	26.786	0.000
194.0	18.420	36.443	26.273	9.085	244.0	16.313	36.171	26.577	0.000	294.0	14.274	35.854	26.790	0.000
195.0	18.383	36.438	26.280	9.082	245.0	16.282	36.164	26.579	0.000	295.0	14.242	35.850	26.793	0.000
196.0	18.322	36.432	26.290	9.080	246.0	16.242	36.157	26.583	0.000	296.0	14.205	35.843	26.796	0.000
197.0	18.278	36.427	26.297	9.083	247.0	16.177	36.146	26.590	0.000	297.0	14.136	35.833	26.803	0.000
198.0	18.251	36.425	26.302	9.082	248.0	16.055	36.131	26.606	0.000	298.0	14.118	35.830	26.805	0.000
199.0	18.224	36.421	26.306	9.084	249.0	15.975	36.121	26.617	0.000	299.0	14.098	35.826	26.805	0.000
200.0	18.094	36.413	26.333	9.086	250.0	15.967	36.118	26.617	0.000	300.0	14.060	35.821	26.809	0.000
201.0	18.044	36.408	26.341	0.000	251.0	15.942	36.113	26.619	0.000	301.0	14.028	35.815	26.813	0.000
202.0	18.016	36.407	26.348	0.000	252.0	15.923	36.111	26.621	0.000	302.0	13.992	35.811	26.816	0.000



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DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
303.0	13.975	35.807	26.817	0.000	353.0	12.531	35.580	26.937	0.000	403.0	11.198	35.384	27.039	0.000
304.0	13.964	35.806	26.818	0.000	354.0	12.460	35.571	26.944	0.000	404.0	11.178	35.381	27.040	0.000
305.0	13.913	35.796	26.822	0.000	355.0	12.429	35.567	26.947	0.000	405.0	11.171	35.380	27.041	0.000
306.0	13.869	35.791	26.827	0.000	356.0	12.406	35.563	26.949	0.000	406.0	11.155	35.377	27.042	0.000
307.0	13.842	35.785	26.828	0.000	357.0	12.393	35.561	26.949	0.000	407.0	11.136	35.374	27.042	0.000
308.0	13.808	35.780	26.831	0.000	358.0	12.370	35.557	26.951	0.000	408.0	11.075	35.366	27.047	0.000
309.0	13.787	35.777	26.833	0.000	359.0	12.326	35.549	26.953	0.000	409.0	11.034	35.361	27.052	0.000
310.0	13.766	35.774	26.836	0.000	360.0	12.285	35.545	26.958	0.000	410.0	11.012	35.357	27.052	0.000
311.0	13.732	35.768	26.838	0.000	361.0	12.263	35.541	26.959	0.000	411.0	10.999	35.355	27.053	0.000
312.0	13.696	35.764	26.843	0.000	362.0	12.239	35.536	26.960	0.000	412.0	10.988	35.354	27.054	0.000
313.0	13.649	35.757	26.847	0.000	363.0	12.222	35.534	26.961	0.000	413.0	10.967	35.351	27.055	0.000
314.0	13.605	35.748	26.849	0.000	364.0	12.213	35.532	26.962	0.000	414.0	10.952	35.349	27.056	0.000
315.0	13.565	35.743	26.854	0.000	365.0	12.194	35.530	26.964	0.000	415.0	10.935	35.346	27.058	0.000
316.0	13.554	35.740	26.854	0.000	366.0	12.171	35.526	26.966	0.000	416.0	10.899	35.341	27.061	0.000
317.0	13.544	35.738	26.854	0.000	367.0	12.154	35.524	26.967	0.000	417.0	10.890	35.340	27.061	0.000
318.0	13.523	35.734	26.855	0.000	368.0	12.127	35.519	26.969	0.000	418.0	10.885	35.340	27.061	0.000
319.0	13.455	35.724	26.861	0.000	369.0	12.091	35.513	26.971	0.000	419.0	10.861	35.336	27.063	0.000
320.0	13.430	35.721	26.864	0.000	370.0	12.057	35.509	26.974	0.000	420.0	10.852	35.335	27.064	0.000
321.0	13.410	35.717	26.866	0.000	371.0	12.034	35.504	26.974	0.000	421.0	10.824	35.329	27.065	0.000
322.0	13.385	35.714	26.868	0.000	372.0	11.991	35.500	26.980	0.000	422.0	10.790	35.326	27.068	0.000
323.0	13.351	35.709	26.871	0.000	373.0	11.970	35.496	26.981	0.000	423.0	10.747	35.319	27.071	0.000
324.0	13.315	35.703	26.875	0.000	374.0	11.942	35.493	26.983	0.000	424.0	10.703	35.315	27.075	0.000
325.0	13.281	35.698	26.877	0.000	375.0	11.918	35.488	26.985	0.000	425.0	10.692	35.313	27.076	0.000
326.0	13.233	35.690	26.881	0.000	376.0	11.902	35.486	26.986	0.000	426.0	10.677	35.310	27.076	0.000
327.0	13.212	35.686	26.882	0.000	377.0	11.882	35.483	26.988	0.000	427.0	10.660	35.309	27.078	0.000
328.0	13.198	35.685	26.884	0.000	378.0	11.865	35.479	26.988	0.000	428.0	10.644	35.305	27.078	0.000
329.0	13.186	35.683	26.885	0.000	379.0	11.831	35.474	26.990	0.000	429.0	10.627	35.303	27.079	0.000
330.0	13.159	35.677	26.886	0.000	380.0	11.803	35.471	26.994	0.000	430.0	10.613	35.301	27.080	0.000
331.0	13.115	35.672	26.891	0.000	381.0	11.783	35.468	26.995	0.000	431.0	10.597	35.298	27.081	0.000
332.0	13.077	35.666	26.894	0.000	382.0	11.758	35.465	26.997	0.000	432.0	10.584	35.296	27.082	0.000
333.0	13.060	35.663	26.896	0.000	383.0	11.731	35.461	27.000	0.000	433.0	10.577	35.295	27.082	0.000
334.0	13.042	35.660	26.897	0.000	384.0	11.713	35.459	27.001	0.000	434.0	10.564	35.294	27.083	0.000
335.0	13.028	35.658	26.897	0.000	385.0	11.701	35.457	27.002	0.000	435.0	10.556	35.293	27.084	0.000
336.0	13.008	35.654	26.899	0.000	386.0	11.684	35.454	27.002	0.000	436.0	10.539	35.290	27.085	0.000
337.0	12.962	35.648	26.903	0.000	387.0	11.657	35.449	27.004	0.000	437.0	10.530	35.289	27.086	0.000
338.0	12.930	35.644	26.906	0.000	388.0	11.612	35.443	27.008	0.000	438.0	10.520	35.288	27.086	0.000
339.0	12.898	35.638	26.909	0.000	389.0	11.581	35.440	27.011	0.000	439.0	10.507	35.285	27.086	0.000
340.0	12.863	35.633	26.912	0.000	390.0	11.556	35.434	27.012	0.000	440.0	10.482	35.282	27.089	0.000
341.0	12.834	35.630	26.915	0.000	391.0	11.522	35.431	27.015	0.000	441.0	10.473	35.281	27.089	0.000
342.0	12.816	35.626	26.916	0.000	392.0	11.502	35.429	27.017	0.000	442.0	10.467	35.280	27.090	0.000
343.0	12.776	35.619	26.919	0.000	393.0	11.491	35.426	27.018	0.000	443.0	10.440	35.276	27.092	0.000
344.0	12.748	35.616	26.922	0.000	394.0	11.477	35.424	27.019	0.000	444.0	10.393	35.271	27.096	0.000
345.0	12.724	35.611	26.923	0.000	395.0	11.460	35.421	27.019	0.000	445.0	10.383	35.270	27.097	0.000
346.0	12.710	35.609	26.924	0.000	396.0	11.423	35.414	27.021	0.000	446.0	10.375	35.269	27.098	0.000
347.0	12.684	35.604	26.926	0.000	397.0	11.375	35.408	27.025	0.000	447.0	10.362	35.267	27.098	0.000
348.0	12.642	35.599	26.929	0.000	398.0	11.326	35.402	27.030	0.000	448.0	10.339	35.263	27.099	0.000
349.0	12.622	35.596	26.931	0.000	399.0	11.293	35.398	27.032	0.000	449.0	10.328	35.261	27.100	0.000
350.0	12.620	35.596	26.931	0.000	400.0	11.263	35.394	27.035	0.000	450.0	10.313	35.260	27.101	0.000
351.0	12.614	35.594	26.931	0.000	401.0	11.237	35.390	27.037	0.000	451.0	10.305	35.258	27.101	0.000
352.0	12.586	35.589	26.933	0.000	402.0	11.223	35.388	27.038	0.000	452.0	10.268	35.252	27.103	0.000

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PTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
53.0	10.242	35.249	27.105	0.000	503.0	9.425	35.144	27.162	0.000	553.0	8.699	35.057	27.211	0.000
54.0	10.234	35.248	27.106	0.000	504.0	9.414	35.143	27.163	0.000	554.0	8.676	35.055	27.214	0.000
55.0	10.215	35.245	27.107	0.000	505.0	9.393	35.140	27.164	0.000	555.0	8.666	35.054	27.214	0.000
56.0	10.197	35.243	27.108	0.000	506.0	9.365	35.136	27.166	0.000	556.0	8.659	35.053	27.215	0.000
57.0	10.185	35.241	27.109	0.000	507.0	9.344	35.134	27.167	0.000	557.0	8.647	35.052	27.216	0.000
58.0	10.157	35.238	27.111	0.000	508.0	9.335	35.133	27.168	0.000	558.0	8.638	35.051	27.216	0.000
59.0	10.127	35.234	27.114	0.000	509.0	9.329	35.132	27.168	0.000	559.0	8.624	35.050	27.217	0.000
60.0	10.097	35.228	27.114	0.000	510.0	9.326	35.129	27.167	0.000	560.0	8.619	35.049	27.217	0.000
61.0	10.060	35.225	27.118	0.000	511.0	9.319	35.129	27.167	0.000	561.0	8.605	35.047	27.218	0.000
62.0	10.047	35.223	27.119	0.000	512.0	9.306	35.128	27.169	0.000	562.0	8.584	35.045	27.219	0.000
63.0	10.024	35.220	27.121	0.000	513.0	9.295	35.127	27.170	0.000	563.0	8.571	35.044	27.221	0.000
64.0	10.018	35.220	27.121	0.000	514.0	9.279	35.125	27.171	0.000	564.0	8.561	35.043	27.222	0.000
65.0	10.010	35.219	27.122	0.000	515.0	9.268	35.123	27.171	0.000	565.0	8.541	35.040	27.223	0.000
66.0	9.979	35.214	27.124	0.000	516.0	9.253	35.121	27.172	0.000	566.0	8.519	35.038	27.225	0.000
67.0	9.965	35.213	27.125	0.000	517.0	9.239	35.119	27.173	0.000	567.0	8.494	35.034	27.226	0.000
68.0	9.950	35.211	27.125	0.000	518.0	9.209	35.116	27.176	0.000	568.0	8.465	35.033	27.229	0.000
69.0	9.940	35.209	27.126	0.000	519.0	9.197	35.115	27.176	0.000	569.0	8.463	35.033	27.229	0.000
70.0	9.933	35.210	27.128	0.000	520.0	9.173	35.113	27.179	0.000	570.0	8.447	35.030	27.229	0.000
71.0	9.927	35.209	27.128	0.000	521.0	9.164	35.110	27.179	0.000	571.0	8.434	35.029	27.230	0.000
72.0	9.908	35.205	27.129	0.000	522.0	9.155	35.110	27.179	0.000	572.0	8.415	35.027	27.232	0.000
73.0	9.899	35.203	27.128	0.000	523.0	9.138	35.108	27.181	0.000	573.0	8.403	35.025	27.233	0.000
74.0	9.871	35.200	27.131	0.000	524.0	9.118	35.107	27.183	0.000	574.0	8.395	35.024	27.233	0.000
75.0	9.851	35.198	27.133	0.000	525.0	9.101	35.104	27.183	0.000	575.0	8.391	35.023	27.233	0.000
76.0	9.841	35.197	27.134	0.000	526.0	9.086	35.102	27.185	0.000	576.0	8.383	35.023	27.234	0.000
77.0	9.836	35.196	27.134	0.000	527.0	9.074	35.101	27.186	0.000	577.0	8.378	35.022	27.234	0.000
78.0	9.825	35.194	27.134	0.000	528.0	9.068	35.099	27.185	0.000	578.0	8.372	35.021	27.234	0.000
79.0	9.813	35.192	27.135	0.000	529.0	9.053	35.098	27.186	0.000	579.0	8.368	35.021	27.235	0.000
80.0	9.803	35.191	27.135	0.000	530.0	9.035	35.096	27.188	0.000	580.0	8.362	35.020	27.235	0.000
81.0	9.789	35.189	27.136	0.000	531.0	9.027	35.095	27.188	0.000	581.0	8.352	35.019	27.236	0.000
82.0	9.749	35.184	27.139	0.000	532.0	9.003	35.092	27.190	0.000	582.0	8.347	35.019	27.236	0.000
83.0	9.711	35.180	27.142	0.000	533.0	8.985	35.091	27.193	0.000	583.0	8.345	35.019	27.236	0.000
84.0	9.694	35.178	27.144	0.000	534.0	8.973	35.089	27.193	0.000	584.0	8.338	35.018	27.237	0.000
85.0	9.676	35.176	27.145	0.000	535.0	8.956	35.087	27.194	0.000	585.0	8.318	35.016	27.238	0.000
86.0	9.669	35.175	27.145	0.000	536.0	8.941	35.085	27.195	0.000	586.0	8.287	35.012	27.240	0.000
87.0	9.664	35.173	27.145	0.000	537.0	8.920	35.083	27.197	0.000	587.0	8.264	35.012	27.244	0.000
88.0	9.646	35.171	27.146	0.000	538.0	8.913	35.082	27.197	0.000	588.0	8.257	35.009	27.242	0.000
89.0	9.620	35.168	27.148	0.000	539.0	8.898	35.080	27.198	0.000	589.0	8.242	35.008	27.244	0.000
90.0	9.608	35.166	27.149	0.000	540.0	8.887	35.079	27.198	0.000	590.0	8.232	35.007	27.244	0.000
91.0	9.591	35.164	27.150	0.000	541.0	8.845	35.074	27.201	0.000	591.0	8.228	35.007	27.245	0.000
92.0	9.586	35.163	27.150	0.000	542.0	8.832	35.073	27.203	0.000	592.0	8.226	35.007	27.245	0.000
93.0	9.584	35.163	27.150	0.000	543.0	8.817	35.071	27.204	0.000	593.0	8.224	35.006	27.245	0.000
94.0	9.582	35.162	27.150	0.000	544.0	8.802	35.070	27.205	0.000	594.0	8.216	35.006	27.246	0.000
95.0	9.579	35.162	27.151	0.000	545.0	8.779	35.067	27.206	0.000	595.0	8.205	35.004	27.247	0.000
96.0	9.576	35.161	27.151	0.000	546.0	8.765	35.066	27.207	0.000	596.0	8.183	35.002	27.248	0.000
97.0	9.571	35.160	27.150	0.000	547.0	8.761	35.065	27.208	0.000	597.0	8.160	35.000	27.250	0.000
98.0	9.564	35.160	27.151	0.000	548.0	8.749	35.064	27.208	0.000	598.0	8.131	34.998	27.253	0.000
99.0	9.554	35.158	27.151	0.000	549.0	8.732	35.062	27.210	0.000	599.0	8.101	34.994	27.254	0.000
00.0	9.522	35.153	27.153	0.000	550.0	8.720	35.061	27.211	0.000	600.0	8.082	34.993	27.256	0.000
01.0	9.472	35.148	27.157	0.000	551.0	8.715	35.059	27.210	0.000	601.0	8.066	34.992	27.258	0.000
02.0	9.441	35.145	27.160	0.000	552.0	8.707	35.059	27.211	0.000	602.0	8.058	34.991	27.259	0.000

STATION SBE026.AVG:: CRUISE 91g02 DATE & TIME Tue Mar 05 14:42:08 1991, Julian day = 64  
 LAT 24 40.0 LON 93 29.7 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

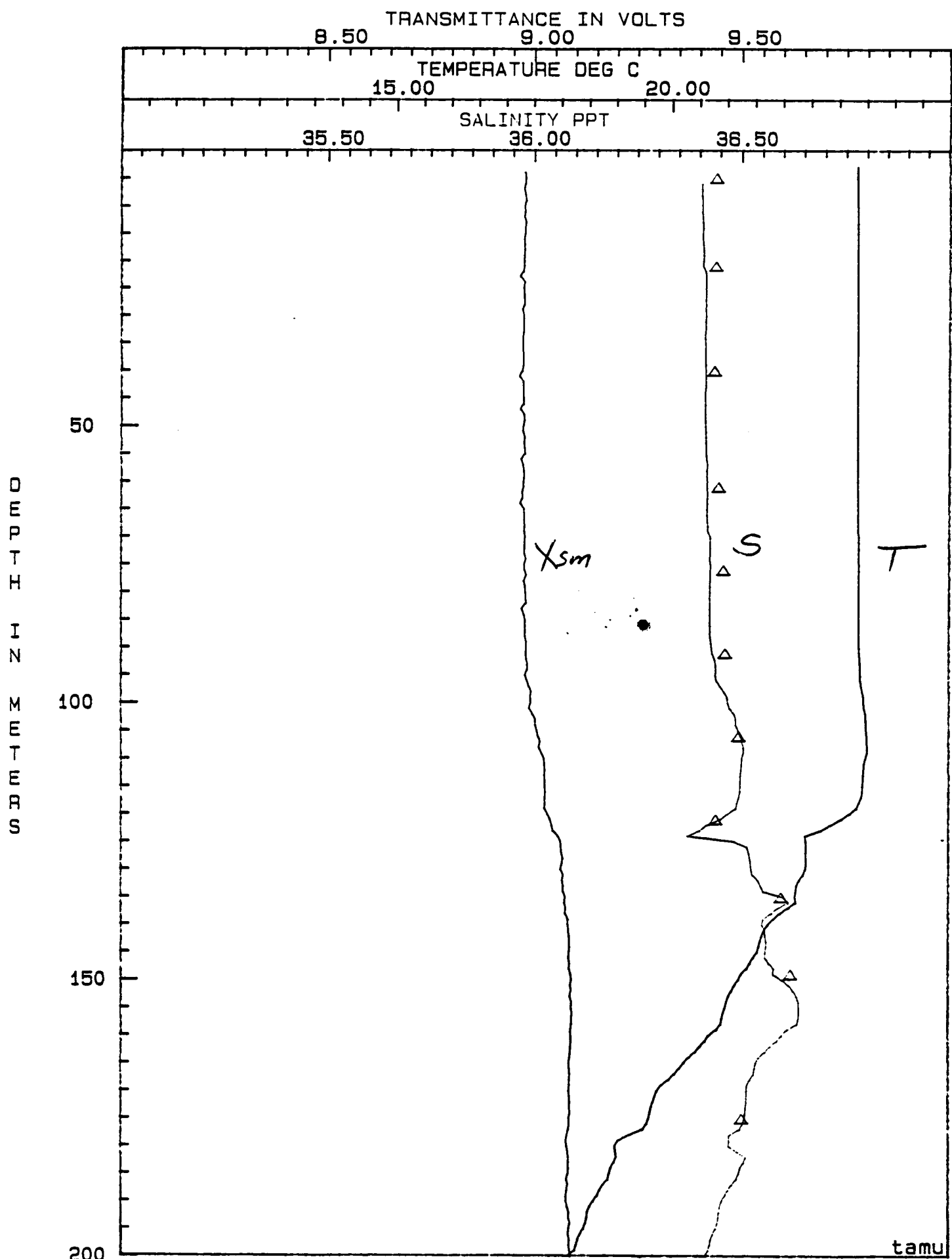
DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
603.0	8.056	34.990	27.258	0.000	653.0	7.500	34.945	27.305	0.000	703.0	7.073	34.916	27.343	0.000
604.0	8.053	34.990	27.259	0.000	654.0	7.492	34.945	27.306	0.000	704.0	7.063	34.916	27.344	0.000
605.0	8.050	34.990	27.259	0.000	655.0	7.485	34.944	27.306	0.000	705.0	7.058	34.915	27.344	0.000
606.0	8.042	34.989	27.259	0.000	656.0	7.479	34.944	27.307	0.000	706.0	7.053	34.915	27.345	0.000
607.0	8.024	34.987	27.260	0.000	657.0	7.468	34.942	27.307	0.000	707.0	7.046	34.914	27.345	0.000
608.0	8.008	34.986	27.262	0.000	658.0	7.454	34.942	27.309	0.000	708.0	7.039	34.914	27.346	0.000
609.0	8.003	34.986	27.263	0.000	659.0	7.445	34.941	27.310	0.000	709.0	7.034	34.914	27.346	0.000
610.0	7.992	34.985	27.263	0.000	660.0	7.436	34.940	27.311	0.000	710.0	7.028	34.912	27.346	0.000
611.0	7.974	34.983	27.264	0.000	661.0	7.431	34.940	27.311	0.000	711.0	7.013	34.912	27.348	0.000
612.0	7.958	34.981	27.266	0.000	662.0	7.425	34.940	27.312	0.000	712.0	6.995	34.912	27.350	0.000
613.0	7.955	34.980	27.265	0.000	663.0	7.417	34.939	27.312	0.000	713.0	6.993	34.912	27.351	0.000
614.0	7.947	34.980	27.267	0.000	664.0	7.407	34.939	27.313	0.000	714.0	6.979	34.910	27.351	0.000
615.0	7.934	34.979	27.267	0.000	665.0	7.402	34.939	27.314	0.000	715.0	6.967	34.910	27.353	0.000
616.0	7.912	34.978	27.270	0.000	666.0	7.395	34.937	27.314	0.000	716.0	6.960	34.909	27.353	0.000
617.0	7.903	34.977	27.271	0.000	667.0	7.387	34.937	27.315	0.000	717.0	6.949	34.908	27.354	0.000
618.0	7.897	34.976	27.271	0.000	668.0	7.377	34.936	27.315	0.000	718.0	6.936	34.909	27.356	0.000
619.0	7.890	34.975	27.271	0.000	669.0	7.368	34.935	27.316	0.000	719.0	6.931	34.908	27.356	0.000
620.0	7.880	34.975	27.272	0.000	670.0	7.363	34.935	27.316	0.000	720.0	6.924	34.908	27.357	0.000
621.0	7.858	34.973	27.274	0.000	671.0	7.360	34.935	27.317	0.000	721.0	6.916	34.907	27.358	0.000
622.0	7.845	34.972	27.275	0.000	672.0	7.356	34.934	27.317	0.000	722.0	6.908	34.907	27.358	0.000
623.0	7.828	34.970	27.276	0.000	673.0	7.349	34.934	27.318	0.000	723.0	6.902	34.907	27.359	0.000
624.0	7.810	34.969	27.278	0.000	674.0	7.346	34.932	27.317	0.000	724.0	6.885	34.906	27.361	0.000
625.0	7.799	34.969	27.280	0.000	675.0	7.342	34.932	27.317	0.000	725.0	6.870	34.906	27.363	0.000
626.0	7.793	34.967	27.279	0.000	676.0	7.333	34.931	27.318	0.000	726.0	6.865	34.906	27.364	0.000
627.0	7.779	34.967	27.281	0.000	677.0	7.320	34.931	27.320	0.000	727.0	6.861	34.905	27.364	0.000
628.0	7.771	34.966	27.282	0.000	678.0	7.306	34.930	27.321	0.000	728.0	6.849	34.904	27.364	0.000
629.0	7.765	34.966	27.282	0.000	679.0	7.295	34.930	27.323	0.000	729.0	6.837	34.904	27.366	0.000
630.0	7.755	34.964	27.283	0.000	680.0	7.283	34.928	27.323	0.000	730.0	6.830	34.904	27.367	0.000
631.0	7.747	34.963	27.283	0.000	681.0	7.270	34.928	27.324	0.000	731.0	6.820	34.903	27.368	0.000
632.0	7.738	34.963	27.284	0.000	682.0	7.260	34.928	27.326	0.000	732.0	6.812	34.903	27.369	0.000
633.0	7.732	34.963	27.285	0.000	683.0	7.244	34.927	27.327	0.000	733.0	6.807	34.903	27.369	0.000
634.0	7.725	34.962	27.285	0.000	684.0	7.229	34.925	27.328	0.000	734.0	6.804	34.902	27.369	0.000
635.0	7.716	34.961	27.286	0.000	685.0	7.212	34.925	27.330	0.000	735.0	6.800	34.903	27.370	0.000
636.0	7.706	34.961	27.287	0.000	686.0	7.207	34.924	27.331	0.000	736.0	6.788	34.902	27.372	0.000
637.0	7.691	34.959	27.287	0.000	687.0	7.200	34.924	27.331	0.000	737.0	6.783	34.902	27.372	0.000
638.0	7.681	34.958	27.289	0.000	688.0	7.184	34.924	27.333	0.000	738.0	6.777	34.902	27.373	0.000
639.0	7.676	34.957	27.289	0.000	689.0	7.182	34.922	27.332	0.000	739.0	6.767	34.901	27.374	0.000
640.0	7.655	34.956	27.291	0.000	690.0	7.174	34.922	27.333	0.000	740.0	6.758	34.900	27.374	0.000
641.0	7.639	34.955	27.292	0.000	691.0	7.166	34.921	27.333	0.000	741.0	6.744	34.900	27.375	0.000
642.0	7.632	34.954	27.293	0.000	692.0	7.161	34.921	27.334	0.000	742.0	6.736	34.900	27.376	0.000
643.0	7.621	34.953	27.294	0.000	693.0	7.159	34.921	27.334	0.000	743.0	6.735	34.900	27.376	0.000
644.0	7.606	34.952	27.295	0.000	694.0	7.155	34.920	27.334	0.000	744.0	6.731	34.900	27.378	0.000
645.0	7.587	34.951	27.297	0.000	695.0	7.148	34.920	27.335	0.000	745.0	6.727	34.900	27.378	0.000
646.0	7.568	34.951	27.299	0.000	696.0	7.141	34.920	27.336	0.000	746.0	6.719	34.899	27.379	0.000
647.0	7.560	34.950	27.300	0.000	697.0	7.133	34.920	27.337	0.000	747.0	6.709	34.899	27.379	0.000
648.0	7.554	34.950	27.301	0.000	698.0	7.130	34.920	27.338	0.000	748.0	6.703	34.898	27.380	0.000
649.0	7.543	34.948	27.301	0.000	699.0	7.123	34.918	27.337	0.000	749.0	6.700	34.898	27.380	0.000
650.0	7.531	34.948	27.302	0.000	700.0	7.109	34.918	27.340	0.000	750.0	6.693	34.898	27.381	0.000
651.0	7.522	34.947	27.303	0.000	701.0	7.096	34.917	27.341	0.000	751.0	6.678	34.897	27.382	0.000
652.0	7.509	34.946	27.304	0.000	702.0	7.084	34.916	27.342	0.000	752.0	6.663	34.897	27.384	0.000

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 LAT 24 40.0 LON 93 29.7 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

EPHT	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
753.0	6.650	34.896	27.386	0.000	803.0	6.279	34.890	27.430	0.000	853.0	6.029	34.888	27.461	0.000
754.0	6.640	34.896	27.387	0.000	804.0	6.268	34.889	27.431	0.000	854.0	6.025	34.888	27.462	0.000
755.0	6.631	34.896	27.388	0.000	805.0	6.259	34.889	27.432	0.000	855.0	6.019	34.888	27.462	0.000
756.0	6.621	34.896	27.389	0.000	806.0	6.255	34.889	27.432	0.000	856.0	6.011	34.889	27.464	0.000
757.0	6.608	34.895	27.390	0.000	807.0	6.251	34.889	27.433	0.000	857.0	6.006	34.888	27.464	0.000
758.0	6.604	34.895	27.391	0.000	808.0	6.248	34.890	27.434	0.000	858.0	6.001	34.889	27.465	0.000
759.0	6.602	34.895	27.391	0.000	809.0	6.243	34.889	27.434	0.000	859.0	5.998	34.888	27.465	0.000
760.0	6.601	34.895	27.391	0.000	810.0	6.242	34.887	27.433	0.000	860.0	5.993	34.888	27.466	0.000
761.0	6.598	34.895	27.391	0.000	811.0	6.234	34.888	27.434	0.000	861.0	5.986	34.888	27.467	0.000
762.0	6.591	34.894	27.392	0.000	812.0	6.224	34.889	27.436	0.000	862.0	5.977	34.888	27.468	0.000
763.0	6.581	34.895	27.394	0.000	813.0	6.219	34.889	27.437	0.000	863.0	5.969	34.888	27.469	0.000
764.0	6.572	34.895	27.395	0.000	814.0	6.217	34.888	27.437	0.000	864.0	5.965	34.888	27.469	0.000
765.0	6.563	34.893	27.395	0.000	815.0	6.212	34.888	27.437	0.000	865.0	5.960	34.889	27.470	0.000
766.0	6.547	34.893	27.396	0.000	816.0	6.210	34.888	27.438	0.000	866.0	5.957	34.889	27.471	0.000
767.0	6.539	34.894	27.398	0.000	817.0	6.210	34.888	27.438	0.000	867.0	5.953	34.888	27.471	0.000
768.0	6.530	34.894	27.399	0.000	818.0	6.208	34.889	27.438	0.000	868.0	5.947	34.889	27.472	0.000
769.0	6.520	34.893	27.400	0.000	819.0	6.198	34.888	27.439	0.000	869.0	5.940	34.889	27.473	0.000
770.0	6.506	34.892	27.402	0.000	820.0	6.190	34.888	27.440	0.000	870.0	5.934	34.890	27.474	0.000
771.0	6.500	34.893	27.402	0.000	821.0	6.184	34.888	27.441	0.000	871.0	5.930	34.888	27.474	0.000
772.0	6.493	34.892	27.403	0.000	822.0	6.173	34.888	27.442	0.000	872.0	5.921	34.889	27.476	0.000
773.0	6.487	34.893	27.404	0.000	823.0	6.165	34.888	27.443	0.000	873.0	5.913	34.889	27.477	0.000
774.0	6.480	34.893	27.405	0.000	824.0	6.161	34.888	27.444	0.000	874.0	5.904	34.890	27.478	0.000
775.0	6.472	34.892	27.406	0.000	825.0	6.160	34.888	27.444	0.000	875.0	5.899	34.890	27.479	0.000
776.0	6.462	34.892	27.407	0.000	826.0	6.159	34.889	27.445	0.000	876.0	5.895	34.890	27.479	0.000
777.0	6.458	34.892	27.407	0.000	827.0	6.156	34.888	27.444	0.000	877.0	5.892	34.889	27.479	0.000
778.0	6.455	34.892	27.408	0.000	828.0	6.144	34.887	27.446	0.000	878.0	5.882	34.890	27.481	0.000
779.0	6.452	34.891	27.407	0.000	829.0	6.137	34.888	27.447	0.000	879.0	5.876	34.890	27.482	0.000
780.0	6.448	34.891	27.408	0.000	830.0	6.133	34.888	27.448	0.000	880.0	5.872	34.890	27.482	0.000
781.0	6.442	34.892	27.409	0.000	831.0	6.130	34.888	27.448	0.000	881.0	5.863	34.891	27.484	0.000
782.0	6.436	34.891	27.409	0.000	832.0	6.128	34.888	27.448	0.000	882.0	5.858	34.890	27.484	0.000
783.0	6.428	34.891	27.411	0.000	833.0	6.127	34.888	27.448	0.000	883.0	5.852	34.890	27.485	0.000
784.0	6.427	34.891	27.411	0.000	834.0	6.123	34.888	27.449	0.000	884.0	5.847	34.890	27.486	0.000
785.0	6.417	34.891	27.412	0.000	835.0	6.119	34.887	27.449	0.000	885.0	5.843	34.890	27.486	0.000
786.0	6.407	34.890	27.413	0.000	836.0	6.106	34.888	27.451	0.000	886.0	5.840	34.891	27.487	0.000
787.0	6.390	34.890	27.415	0.000	837.0	6.097	34.888	27.452	0.000	887.0	5.837	34.891	27.488	0.000
788.0	6.378	34.890	27.417	0.000	838.0	6.085	34.888	27.454	0.000	888.0	5.834	34.891	27.488	0.000
789.0	6.371	34.891	27.418	0.000	839.0	6.070	34.889	27.456	0.000	889.0	5.830	34.890	27.488	0.000
790.0	6.364	34.891	27.419	0.000	840.0	6.063	34.889	27.458	0.000	890.0	5.824	34.890	27.489	0.000
791.0	6.357	34.890	27.420	0.000	841.0	6.059	34.889	27.458	0.000	891.0	5.820	34.890	27.489	0.000
792.0	6.355	34.890	27.420	0.000	842.0	6.056	34.889	27.458	0.000	892.0	5.817	34.891	27.490	0.000
793.0	6.350	34.890	27.421	0.000	843.0	6.053	34.888	27.458	0.000	893.0	5.814	34.891	27.490	0.000
794.0	6.344	34.890	27.421	0.000	844.0	6.052	34.888	27.458	0.000	894.0	5.811	34.890	27.490	0.000
795.0	6.338	34.890	27.422	0.000	845.0	6.050	34.888	27.458	0.000	895.0	5.803	34.891	27.491	0.000
796.0	6.325	34.890	27.424	0.000	846.0	6.047	34.889	27.459	0.000	896.0	5.799	34.891	27.492	0.000
797.0	6.314	34.889	27.425	0.000	847.0	6.046	34.888	27.459	0.000	897.0	5.798	34.891	27.492	0.000
798.0	6.308	34.889	27.425	0.000	848.0	6.043	34.889	27.459	0.000	898.0	5.793	34.891	27.493	0.000
799.0	6.302	34.889	27.426	0.000	849.0	6.041	34.889	27.460	0.000	899.0	5.789	34.891	27.493	0.000
800.0	6.300	34.889	27.426	0.000	850.0	6.039	34.888	27.459	0.000	900.0	5.786	34.891	27.494	0.000
801.0	6.297	34.889	27.426	0.000	851.0	6.034	34.888	27.460	0.000	901.0	5.784	34.891	27.494	0.000
802.0	6.289	34.889	27.428	0.000	852.0	6.031	34.888	27.460	0.000	902.0	5.780	34.891	27.495	0.000

STATION SBE026.AUG:: CRUISE 91g02 DATE & TIME Tue Mar 05 14:42:08 1991, Julian day = 64  
 LAT 24 40.0 LON 93 29.7 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

EPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
903.0	5.775	34.891	27.495	0.000	953.0	5.526	34.896	27.531	0.000	1003.0	5.324	34.903	27.561	0.000
904.0	5.766	34.891	27.496	0.000	954.0	5.523	34.897	27.531	0.000					
905.0	5.761	34.891	27.497	0.000	955.0	5.518	34.897	27.531	0.000					
906.0	5.757	34.892	27.498	0.000	956.0	5.511	34.897	27.533	0.000					
907.0	5.750	34.892	27.499	0.000	957.0	5.507	34.897	27.533	0.000					
908.0	5.743	34.892	27.500	0.000	958.0	5.502	34.898	27.535	0.000					
909.0	5.737	34.892	27.501	0.000	959.0	5.500	34.898	27.535	0.000					
910.0	5.732	34.892	27.501	0.000	960.0	5.497	34.898	27.535	0.000					
911.0	5.727	34.892	27.502	0.000	961.0	5.494	34.898	27.535	0.000					
912.0	5.722	34.892	27.503	0.000	962.0	5.490	34.897	27.536	0.000					
913.0	5.715	34.892	27.504	0.000	963.0	5.485	34.898	27.537	0.000					
914.0	5.703	34.892	27.505	0.000	964.0	5.483	34.898	27.537	0.000					
915.0	5.693	34.893	27.507	0.000	965.0	5.480	34.898	27.537	0.000					
916.0	5.687	34.893	27.508	0.000	966.0	5.476	34.898	27.538	0.000					
917.0	5.684	34.892	27.508	0.000	967.0	5.468	34.898	27.539	0.000					
918.0	5.676	34.893	27.509	0.000	968.0	5.464	34.898	27.540	0.000					
919.0	5.670	34.894	27.510	0.000	969.0	5.460	34.899	27.541	0.000					
920.0	5.667	34.894	27.510	0.000	970.0	5.457	34.899	27.541	0.000					
921.0	5.663	34.894	27.512	0.000	971.0	5.452	34.899	27.542	0.000					
922.0	5.662	34.893	27.511	0.000	972.0	5.451	34.898	27.541	0.000					
923.0	5.660	34.893	27.511	0.000	973.0	5.446	34.899	27.543	0.000					
924.0	5.656	34.894	27.512	0.000	974.0	5.445	34.898	27.542	0.000					
925.0	5.652	34.894	27.513	0.000	975.0	5.441	34.899	27.543	0.000					
926.0	5.647	34.894	27.513	0.000	976.0	5.436	34.899	27.544	0.000					
927.0	5.640	34.894	27.514	0.000	977.0	5.431	34.900	27.545	0.000					
928.0	5.633	34.894	27.516	0.000	978.0	5.428	34.899	27.544	0.000					
929.0	5.630	34.894	27.516	0.000	979.0	5.423	34.900	27.545	0.000					
930.0	5.627	34.895	27.517	0.000	980.0	5.418	34.900	27.546	0.000					
931.0	5.623	34.894	27.517	0.000	981.0	5.412	34.900	27.547	0.000					
932.0	5.620	34.894	27.517	0.000	982.0	5.410	34.900	27.548	0.000					
933.0	5.618	34.895	27.518	0.000	983.0	5.410	34.900	27.547	0.000					
934.0	5.615	34.895	27.519	0.000	984.0	5.408	34.900	27.548	0.000					
935.0	5.612	34.895	27.519	0.000	985.0	5.404	34.900	27.548	0.000					
936.0	5.608	34.895	27.519	0.000	986.0	5.400	34.900	27.549	0.000					
937.0	5.602	34.895	27.520	0.000	987.0	5.395	34.900	27.549	0.000					
938.0	5.598	34.895	27.521	0.000	988.0	5.392	34.902	27.551	0.000					
939.0	5.590	34.895	27.522	0.000	989.0	5.387	34.902	27.552	0.000					
940.0	5.584	34.895	27.522	0.000	990.0	5.382	34.901	27.552	0.000					
941.0	5.576	34.896	27.524	0.000	991.0	5.377	34.902	27.553	0.000					
942.0	5.573	34.896	27.524	0.000	992.0	5.376	34.901	27.553	0.000					
943.0	5.569	34.896	27.525	0.000	993.0	5.373	34.902	27.553	0.000					
944.0	5.565	34.896	27.526	0.000	994.0	5.372	34.901	27.553	0.000					
945.0	5.560	34.896	27.526	0.000	995.0	5.367	34.902	27.554	0.000					
946.0	5.558	34.895	27.526	0.000	996.0	5.365	34.903	27.556	0.000					
947.0	5.552	34.896	27.527	0.000	997.0	5.363	34.903	27.557	0.000					
948.0	5.547	34.895	27.527	0.000	998.0	5.361	34.903	27.557	0.000					
949.0	5.542	34.896	27.528	0.000	999.0	5.345	34.902	27.557	0.000					
950.0	5.539	34.897	27.529	0.000	1000.0	5.335	34.903	27.559	0.000					
951.0	5.538	34.896	27.529	0.000	1001.0	5.328	34.904	27.560	0.000					
952.0	5.531	34.896	27.530	0.000	1002.0	5.325	34.903	27.560	0.000					



CRUISE: 91g02 STATION: SBE026.A DATE: Mar 05 14:42:08 1991  
 LATITUDE: 24 40 0 LONGITUDE: 03 20 7

tamu

Cruise: 91602  
 Date: 03-05-1991  
 Time: 18:55:50 GMT  
 Lat: 24 50.00 N  
 Lon: 93 52.50 W  
 Tn: 27

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	23.35	68.78	23.33	102.69	23.31
		35.46	23.34	69.46	23.33	103.37	23.30
2.05	23.54	36.14	23.34	70.14	23.33	104.04	23.31
2.73	23.49	36.82	23.34	70.81	23.33	104.72	23.31
3.41	23.48	37.50	23.36	71.49	23.33	105.40	23.31
4.10	23.49	38.18	23.34	72.17	23.32	106.07	23.31
4.78	23.48	38.86	23.35	72.85	23.32	106.75	23.31
5.46	23.49	39.54	23.36	73.53	23.32	107.43	23.29
6.14	23.52	40.22	23.34	74.21	23.32	108.11	23.29
6.83	23.52	40.90	23.33	74.89	23.32	108.78	23.29
7.51	23.50	41.58	23.35	75.57	23.33	109.46	23.29
8.19	23.50	42.26	23.33	76.25	23.32	110.14	23.28
8.87	23.51	42.94	23.33	76.92	23.32	110.81	23.23
9.56	23.50	43.62	23.35	77.60	23.32	111.49	23.12
10.24	23.48	44.31	23.33	78.28	23.32	112.17	23.04
10.92	23.49	44.99	23.35	78.96	23.32	112.84	23.00
11.60	23.48	45.67	23.34	79.64	23.31	113.52	22.96
12.28	23.46	46.35	23.34	80.32	23.31	114.20	22.94
12.97	23.45	47.03	23.33	81.00	23.32	114.87	22.87
13.65	23.47	47.71	23.33	81.67	23.33	115.55	22.78
14.33	23.43	48.39	23.34	82.35	23.34	116.23	22.61
15.01	23.46	49.07	23.33	83.03	23.32	116.90	22.36
15.69	23.44	49.75	23.33	83.71	23.32	117.58	22.22
16.38	23.43	50.43	23.32	84.39	23.32	118.26	22.10
17.06	23.43	51.11	23.32	85.07	23.33	118.93	22.01
17.74	23.43	51.79	23.33	85.74	23.32	119.61	21.97
18.42	23.42	52.47	23.34	86.42	23.32	120.29	21.96
19.10	23.42	53.15	23.34	87.10	23.32	120.96	21.88
19.79	23.42	53.83	23.33	87.78	23.31	121.64	21.79
20.47	23.40	54.51	23.34	88.46	23.32	122.31	21.72
21.15	23.40	55.19	23.34	89.13	23.32	122.99	21.68
21.83	23.41	55.87	23.33	89.81	23.32	123.67	21.66
22.51	23.42	56.55	23.34	90.49	23.32	124.34	21.64
23.19	23.40	57.23	23.32	91.17	23.31	125.02	21.64
23.88	23.41	57.91	23.33	91.85	23.33	125.70	21.64
24.56	23.39	58.59	23.34	92.52	23.32	126.37	21.66
25.24	23.39	59.27	23.33	93.20	23.32	127.05	21.67
25.92	23.39	59.95	23.33	93.88	23.32	127.72	21.67
26.60	23.37	60.63	23.33	94.56	23.32	128.40	21.68
27.28	23.38	61.30	23.32	95.24	23.31	129.07	21.68
27.96	23.37	61.98	23.33	95.91	23.32	129.75	21.68
28.65	23.36	62.66	23.33	96.59	23.32	130.43	21.67
29.33	23.37	63.34	23.32	97.27	23.31	131.10	21.65
30.01	23.38	64.02	23.33	97.95	23.32	131.78	21.66
30.69	23.35	64.70	23.33	98.62	23.32	132.45	21.65
31.37	23.35	65.38	23.33	99.30	23.33	133.13	21.63
32.05	23.34	66.06	23.33	99.98	23.31	133.81	21.57
32.73	23.36	66.74	23.34	100.66	23.32	134.48	21.48
33.41	23.35	67.42	23.32	101.33	23.31	135.16	21.39
34.09	23.35	68.10	23.32	102.01	23.32	135.83	21.36
34.78	23.35	68.78	23.33	102.69	23.31	136.51	21.30

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	21.27	174.28	19.14	211.26	17.39	248.14	15.60
137.86	21.21	174.95	19.10	211.93	17.37	248.81	15.58
138.53	21.15	175.62	19.05	212.60	17.32	249.48	15.57
139.21	21.10	176.30	19.02	213.28	17.30	250.14	15.54
139.88	21.03	176.97	18.95	213.95	17.25	250.81	15.51
140.56	20.99	177.64	18.91	214.62	17.21	251.48	15.48
141.23	20.96	178.32	18.88	215.29	17.16	252.15	15.47
141.91	20.94	178.99	18.87	215.96	17.12	252.82	15.44
142.59	20.94	179.66	18.87	216.63	17.09	253.49	15.43
143.26	20.91	180.34	18.87	217.30	17.03	254.16	15.40
143.94	20.85	181.01	18.83	217.97	16.98	254.83	15.39
144.61	20.77	181.68	18.77	218.65	16.96	255.50	15.36
145.29	20.71	182.36	18.73	219.32	16.94	256.17	15.37
145.96	20.65	183.03	18.70	219.99	16.91	256.84	15.33
146.64	20.58	183.70	18.65	220.66	16.90	257.50	15.32
147.31	20.55	184.38	18.64	221.33	16.88	258.17	15.31
147.99	20.53	185.05	18.61	222.00	16.83	258.84	15.29
148.66	20.49	185.72	18.61	222.67	16.81	259.51	15.26
149.34	20.42	186.39	18.55	223.34	16.77	260.18	15.23
150.01	20.38	187.07	18.48	224.01	16.74	260.85	15.22
150.68	20.35	187.74	18.41	224.68	16.73	261.52	15.19
151.36	20.32	188.41	18.38	225.35	16.69	262.19	15.16
152.03	20.29	189.08	18.35	226.02	16.67	262.86	15.11
152.71	20.24	189.76	18.32	226.70	16.65	263.52	15.10
153.38	20.21	190.43	18.28	227.37	16.61	264.19	15.06
154.06	20.16	191.10	18.25	228.04	16.55	264.86	15.04
154.73	20.09	191.77	18.24	228.71	16.51	265.53	15.02
155.41	20.03	192.45	18.22	229.38	16.45	266.20	14.98
156.08	19.99	193.12	18.19	230.05	16.37	266.87	14.96
156.76	19.96	193.79	18.15	230.72	16.36	267.53	14.95
157.43	19.95	194.46	18.09	231.39	16.30	268.20	14.91
158.10	19.91	195.14	18.05	232.06	16.25	268.87	14.90
158.78	19.87	195.81	18.03	232.73	16.21	269.54	14.87
159.45	19.84	196.48	18.00	233.40	16.20	270.21	14.86
160.13	19.80	197.15	17.98	234.07	16.18	270.88	14.83
160.80	19.77	197.83	17.92	234.74	16.15	271.54	14.80
161.48	19.74	198.50	17.89	235.41	16.12	272.21	14.79
162.15	19.71	199.17	17.86	236.08	16.12	272.88	14.78
162.82	19.64	199.84	17.85	236.75	16.09	273.55	14.74
163.50	19.57	200.51	17.82	237.42	16.06	274.22	14.72
164.17	19.52	201.19	17.78	238.09	16.05	274.88	14.69
164.85	19.48	201.86	17.78	238.76	16.02	275.55	14.68
165.52	19.41	202.53	17.76	239.43	15.97	276.22	14.66
166.19	19.36	203.20	17.70	240.10	15.98	276.89	14.64
166.87	19.34	203.87	17.66	240.77	15.91	277.56	14.61
167.54	19.29	204.55	17.65	241.44	15.89	278.22	14.61
168.22	19.25	205.22	17.61	242.11	15.85	278.89	14.60
168.89	19.23	205.89	17.56	242.78	15.79	279.56	14.59
169.56	19.21	206.56	17.53	243.45	15.75	280.23	14.57
170.24	19.22	207.23	17.50	244.12	15.73	280.90	14.54
170.91	19.21	207.90	17.49	244.79	15.71	281.56	14.52
171.58	19.20	208.58	17.48	245.46	15.72	282.23	14.52
172.26	19.19	209.25	17.45	246.13	15.70	282.90	14.52
172.93	19.18	209.92	17.44	246.80	15.68	283.57	14.51
173.60	19.16	210.59	17.41	247.47	15.61	284.23	14.48
174.28	19.14	211.26	17.39	248.14	15.60	284.90	14.48



Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	14.46	322.22	13.05	358.76	11.88	395.19	11.06
286.24	14.45	322.89	13.01	359.43	11.86	395.86	11.07
286.90	14.44	323.55	13.02	360.09	11.85	396.52	11.06
287.57	14.43	324.22	13.01	360.75	11.83	397.18	11.05
288.24	14.40	324.88	12.98	361.42	11.79	397.84	11.03
288.90	14.37	325.55	12.94	362.08	11.79	398.50	11.03
289.57	14.34	326.21	12.93	362.74	11.78	399.16	11.02
290.24	14.29	326.88	12.88	363.40	11.77	399.82	11.01
290.91	14.25	327.54	12.86	364.07	11.77	400.48	11.00
291.57	14.22	328.21	12.86	364.73	11.75	401.14	11.00
292.24	14.19	328.87	12.83	365.39	11.74	401.81	10.98
292.91	14.15	329.54	12.79	366.06	11.73	402.47	10.97
293.57	14.12	330.20	12.77	366.72	11.71	403.13	10.94
294.24	14.11	330.87	12.75	367.38	11.70	403.79	10.94
294.91	14.08	331.53	12.73	368.05	11.67	404.45	10.91
295.57	14.06	332.20	12.68	368.71	11.67	405.11	10.89
296.24	14.04	332.86	12.66	369.37	11.67	405.77	10.85
296.91	14.02	333.53	12.64	370.03	11.65	406.43	10.83
297.58	13.99	334.19	12.63	370.70	11.65	407.09	10.82
298.24	13.94	334.86	12.61	371.36	11.65	407.75	10.79
298.91	13.91	335.52	12.53	372.02	11.63	408.41	10.76
299.58	13.88	336.19	12.51	372.69	11.62	409.08	10.74
300.24	13.81	336.85	12.50	373.35	11.61	409.74	10.73
300.91	13.77	337.51	12.50	374.01	11.57	410.40	10.71
301.58	13.74	338.18	12.49	374.67	11.57	411.06	10.71
302.24	13.73	338.84	12.49	375.34	11.54	411.72	10.70
302.91	13.72	339.51	12.49	376.00	11.53	412.38	10.68
303.57	13.69	340.17	12.47	376.66	11.50	413.04	10.67
304.24	13.67	340.84	12.45	377.32	11.49	413.70	10.66
304.91	13.63	341.50	12.40	377.99	11.47	414.36	10.66
305.57	13.58	342.17	12.36	378.65	11.46	415.02	10.63
306.24	13.56	342.83	12.33	379.31	11.45	415.68	10.62
306.91	13.57	343.49	12.33	379.97	11.45	416.34	10.58
307.57	13.55	344.16	12.31	380.63	11.42	417.00	10.55
308.24	13.51	344.82	12.31	381.30	11.40	417.66	10.56
308.90	13.49	345.49	12.28	381.96	11.38	418.32	10.54
309.57	13.47	346.15	12.26	382.62	11.35	418.98	10.54
310.24	13.44	346.81	12.26	383.28	11.35	419.64	10.51
310.90	13.40	347.48	12.24	383.94	11.32	420.30	10.49
311.57	13.32	348.14	12.24	384.61	11.33	420.96	10.48
312.23	13.30	348.81	12.24	385.27	11.33	421.62	10.48
312.90	13.27	349.47	12.21	385.93	11.31	422.28	10.47
313.57	13.25	350.13	12.21	386.59	11.31	422.94	10.47
314.23	13.24	350.80	12.18	387.25	11.31	423.60	10.46
314.90	13.25	351.46	12.17	387.92	11.30	424.26	10.44
315.56	13.23	352.13	12.13	388.58	11.28	424.92	10.44
316.23	13.21	352.79	12.10	389.24	11.28	425.58	10.44
316.90	13.19	353.45	12.07	389.90	11.28	426.24	10.44
317.56	13.16	354.12	12.03	390.56	11.25	426.90	10.41
318.23	13.14	354.78	12.00	391.22	11.24	427.56	10.38
318.89	13.12	355.44	11.97	391.89	11.23	428.22	10.37
319.56	13.12	356.11	11.95	392.55	11.19	428.88	10.33
320.22	13.11	356.77	11.91	393.21	11.13	429.54	10.32
320.89	13.07	357.44	11.90	393.87	11.12	430.20	10.32
321.55	13.05	358.10	11.88	394.53	11.10	430.86	10.32
322.22	13.05	358.76	11.88	395.19	11.06	431.52	10.30

Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
432.18	10.29	468.38	9.66	504.48	9.12	540.47	8.63
432.83	10.28	469.04	9.64	505.14	9.11	541.13	8.64
433.49	10.28	469.70	9.62	505.79	9.10	541.78	8.62
434.15	10.25	470.36	9.61	506.45	9.10	542.43	8.61
434.81	10.24	471.01	9.60	507.11	9.09	543.09	8.61
435.47	10.22	471.67	9.59	507.76	9.07	543.74	8.61
436.13	10.21	472.33	9.60	508.42	9.07	544.39	8.60
436.79	10.21	472.99	9.59	509.07	9.06	545.05	8.59
437.45	10.21	473.64	9.57	509.73	9.05	545.70	8.58
438.11	10.19	474.30	9.57	510.38	9.05	546.35	8.58
438.77	10.21	474.96	9.53	511.04	9.04	547.01	8.57
439.43	10.19	475.61	9.50	511.69	9.04	547.66	8.56
440.08	10.19	476.27	9.51	512.35	9.03	548.31	8.57
440.74	10.17	476.93	9.50	513.00	9.01	548.96	8.53
441.40	10.19	477.58	9.47	513.66	9.00	549.62	8.54
442.06	10.17	478.24	9.46	514.31	8.95	550.27	8.55
442.72	10.15	478.90	9.44	514.97	8.95	550.92	8.55
443.38	10.15	479.55	9.44	515.62	8.93	551.58	8.54
444.04	10.13	480.21	9.44	516.27	8.91	552.23	8.54
444.70	10.10	480.87	9.41	516.93	8.90	552.88	8.51
445.35	10.10	481.52	9.41	517.58	8.89	553.53	8.51
446.01	10.08	482.18	9.39	518.24	8.89	554.19	8.50
446.67	10.08	482.84	9.37	518.89	8.88	554.84	8.48
447.33	10.05	483.49	9.37	519.55	8.87	555.49	8.47
447.99	10.06	484.15	9.37	520.20	8.87	556.14	8.46
448.65	10.03	484.81	9.34	520.86	8.86	556.80	8.45
449.31	10.01	485.46	9.33	521.51	8.85	557.45	8.45
449.96	9.99	486.12	9.31	522.17	8.84	558.10	8.44
450.62	9.98	486.78	9.29	522.82	8.84	558.75	8.42
451.28	9.97	487.43	9.28	523.47	8.84	559.41	8.40
451.94	9.94	488.09	9.28	524.13	8.83	560.06	8.40
452.60	9.93	488.75	9.26	524.78	8.81	560.71	8.38
453.26	9.93	489.40	9.26	525.44	8.82	561.36	8.38
453.91	9.92	490.06	9.26	526.09	8.82	562.01	8.38
454.57	9.87	490.71	9.25	526.75	8.79	562.67	8.35
455.23	9.88	491.37	9.24	527.40	8.79	563.32	8.35
455.89	9.88	492.03	9.23	528.05	8.79	563.97	8.34
456.55	9.86	492.68	9.23	528.71	8.79	564.62	8.32
457.20	9.84	493.34	9.24	529.36	8.77	565.27	8.29
457.86	9.82	493.99	9.23	530.02	8.77	565.93	8.30
458.52	9.80	494.65	9.24	530.67	8.78	566.58	8.28
459.18	9.80	495.31	9.23	531.32	8.77	567.23	8.29
459.84	9.78	495.96	9.22	531.98	8.75	567.88	8.28
460.49	9.79	496.62	9.19	532.63	8.74	568.53	8.27
461.15	9.77	497.27	9.19	533.28	8.73	569.19	8.26
461.81	9.76	497.93	9.19	533.94	8.71	569.84	8.25
462.47	9.77	498.58	9.16	534.59	8.72	570.49	8.25
463.12	9.74	499.24	9.19	535.25	8.72	571.14	8.25
463.78	9.71	499.90	9.17	535.90	8.71	571.79	8.23
464.44	9.71	500.55	9.17	536.55	8.69	572.44	8.24
465.10	9.70	501.21	9.17	537.21	8.69	573.10	8.23
465.75	9.70	501.86	9.15	537.86	8.68	573.75	8.20
466.41	9.68	502.52	9.16	538.51	8.67	574.40	8.20
467.07	9.67	503.17	9.15	539.17	8.66	575.05	8.20
467.73	9.67	503.83	9.13	539.82	8.64	575.70	8.18
468.38	9.66	504.48	9.12	540.47	8.63	576.35	8.19

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	8.18	612.77	7.74	648.43	7.38	683.98	7.04
577.66	8.18	613.42	7.72	649.08	7.39	684.62	7.04
578.31	8.16	614.07	7.72	649.72	7.37	685.27	7.02
578.96	8.17	614.72	7.72	650.37	7.34	685.91	7.03
579.61	8.15	615.37	7.69	651.02	7.36	686.56	7.00
580.26	8.13	616.02	7.70	651.66	7.34	687.20	6.99
580.91	8.14	616.67	7.70	652.31	7.33	687.85	6.99
581.56	8.14	617.32	7.69	652.96	7.33	688.49	6.98
582.21	8.15	617.96	7.67	653.61	7.32	689.14	6.99
582.86	8.13	618.61	7.68	654.25	7.29	689.78	6.99
583.52	8.14	619.26	7.67	654.90	7.29	690.43	6.98
584.17	8.11	619.91	7.65	655.55	7.30	691.07	6.97
584.82	8.11	620.56	7.65	656.19	7.25	691.72	6.95
585.47	8.10	621.21	7.62	656.84	7.27	692.36	6.96
586.12	8.09	621.86	7.60	657.49	7.27	693.01	6.95
586.77	8.07	622.51	7.60	658.13	7.27	693.65	6.94
587.42	8.06	623.16	7.58	658.78	7.26	694.30	6.92
588.07	8.04	623.80	7.59	659.43	7.26	694.94	6.92
588.72	8.01	624.45	7.59	660.07	7.25	695.59	6.91
589.37	8.00	625.10	7.57	660.72	7.25	696.23	6.92
590.02	8.02	625.75	7.59	661.37	7.25	696.87	6.91
590.67	7.99	626.40	7.57	662.01	7.24	697.52	6.90
591.32	7.98	627.05	7.55	662.66	7.23	698.16	6.90
591.97	7.95	627.70	7.54	663.31	7.23	698.81	6.88
592.63	7.95	628.34	7.54	663.95	7.21	699.45	6.88
593.28	7.94	628.99	7.53	664.60	7.19	700.10	6.86
593.93	7.95	629.64	7.51	665.25	7.20	700.74	6.85
594.58	7.92	630.29	7.51	665.89	7.19	701.39	6.85
595.23	7.91	630.94	7.50	666.54	7.18	702.03	6.83
595.88	7.91	631.59	7.48	667.19	7.18	702.67	6.85
596.53	7.91	632.23	7.49	667.83	7.18	703.32	6.83
597.18	7.92	632.88	7.49	668.48	7.17	703.96	6.83
597.83	7.91	633.53	7.49	669.12	7.18	704.61	6.84
598.48	7.90	634.18	7.48	669.77	7.16	705.25	6.81
599.13	7.90	634.83	7.49	670.42	7.16	705.90	6.83
599.78	7.88	635.48	7.48	671.06	7.16	706.54	6.81
600.43	7.88	636.12	7.49	671.71	7.14	707.18	6.80
601.08	7.87	636.77	7.48	672.35	7.14	707.83	6.80
601.73	7.87	637.42	7.48	673.00	7.13	708.47	6.82
602.38	7.84	638.07	7.46	673.65	7.14	709.11	6.81
603.03	7.85	638.71	7.47	674.29	7.14	709.76	6.80
603.68	7.84	639.36	7.45	674.94	7.13	710.40	6.80
604.33	7.83	640.01	7.46	675.58	7.13	711.05	6.78
604.98	7.83	640.66	7.43	676.23	7.11	711.69	6.77
605.63	7.83	641.31	7.42	676.88	7.09	712.33	6.77
606.28	7.82	641.95	7.42	677.52	7.09	712.98	6.77
606.93	7.79	642.60	7.42	678.17	7.08	713.62	6.77
607.58	7.79	643.25	7.41	678.81	7.05	714.26	6.76
608.23	7.78	643.90	7.41	679.46	7.06	714.91	6.77
608.88	7.79	644.54	7.41	680.10	7.05	715.55	6.75
609.52	7.77	645.19	7.38	680.75	7.06	716.20	6.75
610.17	7.78	645.84	7.40	681.39	7.05	716.84	6.75
610.82	7.76	646.49	7.39	682.04	7.05	717.48	6.74
611.47	7.76	647.13	7.39	682.68	7.05	718.13	6.75
612.12	7.75	647.78	7.40	683.33	7.04	718.77	6.74
612.77	7.74	648.43	7.38	683.98	7.04	719.41	6.74

STATION SBE028.AVG:: CRUISE 91g02 DATE & TIME Tue Mar 05 21:56:51 1991, Julian day = 64  
 LAT 25 00 N LON 94 14 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
3.0	23.539	36.489	24.907	8.854	53.0	23.497	36.482	24.914	8.922	103.0	23.498	36.488	24.919	8.969
4.0	23.539	36.476	24.897	<del>8.719</del>	54.0	23.496	36.482	24.915	8.923	104.0	23.498	36.488	24.919	8.969
5.0	23.550	<del>36.425</del>	<del>24.898</del>	<del>7.418</del>	55.0	23.496	36.482	24.915	8.925	105.0	23.495	36.488	24.919	8.969
6.0	23.547	<del>36.470</del>	<del>24.899</del>	<del>7.974</del>	56.0	23.497	36.482	24.915	8.923	106.0	23.496	36.488	24.919	8.969
7.0	23.546	36.486	24.903	<del>8.459</del>	57.0	23.497	36.483	24.915	8.924	107.0	23.492	36.488	24.921	8.973
8.0	23.548	36.488	24.905	8.890	58.0	23.497	36.483	24.915	8.926	108.0	23.491	36.489	24.922	8.970
9.0	23.545	36.489	24.906	8.894	59.0	23.496	36.482	24.915	8.929	109.0	23.489	36.489	24.923	8.969
10.0	23.547	36.485	24.902	8.811	60.0	23.497	36.482	24.915	8.931	110.0	23.478	36.489	24.925	8.969
11.0	23.549	36.488	24.904	8.793	61.0	23.497	36.482	24.915	8.929	111.0	23.436	36.492	24.940	8.979
12.0	23.549	36.488	24.904	8.844	62.0	23.497	36.482	24.915	8.928	112.0	23.301	36.475	24.967	8.988
13.0	23.548	36.489	24.905	8.892	63.0	23.497	36.483	24.915	8.932	113.0	23.218	36.488	25.001	8.999
14.0	23.546	36.489	24.906	8.908	64.0	23.496	36.483	24.916	8.930	114.0	22.957	36.453	25.050	9.011
15.0	23.542	36.489	24.906	8.906	65.0	23.497	36.483	24.915	8.935	115.0	22.276	36.535	25.308	9.041
16.0	23.541	36.488	24.906	8.914	66.0	23.497	36.482	24.915	8.937	116.0	22.199	36.571	25.357	9.058
17.0	23.540	36.488	24.907	8.914	67.0	23.497	36.483	24.915	8.938	117.0	22.145	36.567	25.370	9.055
18.0	23.541	36.488	24.906	8.917	68.0	23.496	36.483	24.916	8.935	118.0	22.117	36.567	25.377	9.058
19.0	23.543	36.489	24.906	8.917	69.0	23.495	36.484	24.916	8.938	119.0	22.049	36.569	25.398	9.045
20.0	23.540	36.488	24.906	8.910	70.0	23.495	36.483	24.916	8.946	120.0	22.008	36.577	25.416	9.052
21.0	23.536	36.488	24.907	8.911	71.0	23.495	36.483	24.916	8.941	121.0	22.133	36.558	25.366	9.054
22.0	23.535	36.487	24.908	8.911	72.0	23.495	36.483	24.916	8.943	122.0	21.885	36.587	25.458	9.062
23.0	23.534	36.487	24.908	8.915	73.0	23.496	36.483	24.916	8.937	123.0	21.861	36.592	25.469	9.062
24.0	23.533	36.487	24.907	8.917	74.0	23.495	36.484	24.916	8.940	124.0	21.850	36.593	25.473	9.060
25.0	23.533	36.487	24.908	8.916	75.0	23.495	36.484	24.917	8.946	125.0	21.815	36.593	25.483	9.058
26.0	23.530	36.486	24.908	8.911	76.0	23.496	36.483	24.916	8.948	126.0	21.744	36.587	25.498	9.053
27.0	23.529	36.486	24.908	8.911	77.0	23.495	36.483	24.916	8.945	127.0	21.674	36.599	25.527	9.059
28.0	23.526	36.486	24.909	8.913	78.0	23.496	36.484	24.916	8.943	128.0	21.638	36.609	25.544	9.066
29.0	23.527	36.485	24.908	8.914	79.0	23.497	36.485	24.917	8.945	129.0	21.728	36.590	25.504	9.067
30.0	23.525	36.485	24.909	8.916	80.0	23.497	36.485	24.917	8.945	130.0	21.401	36.597	25.601	9.072
31.0	23.522	36.485	24.909	8.913	81.0	23.497	36.485	24.916	8.948	131.0	21.328	36.602	25.625	9.069
32.0	23.519	36.484	24.910	8.911	82.0	23.498	36.484	24.916	8.948	132.0	21.244	36.596	25.644	9.069
33.0	23.516	36.484	24.910	8.911	83.0	23.498	36.485	24.916	8.948	133.0	21.139	36.581	25.661	9.074
34.0	23.514	36.484	24.911	8.911	84.0	23.498	36.485	24.917	8.948	134.0	21.024	36.569	25.684	9.075
35.0	23.513	36.484	24.911	8.914	85.0	23.498	36.485	24.917	8.947	135.0	20.984	36.569	25.695	9.075
36.0	23.514	36.484	24.911	8.913	86.0	23.498	36.485	24.917	8.950	136.0	20.824	36.557	25.729	9.073
37.0	23.514	36.484	24.911	8.915	87.0	23.498	36.485	24.917	8.950	137.0	20.739	36.557	25.753	9.072
38.0	23.511	36.484	24.912	8.910	88.0	23.498	36.485	24.917	8.952	138.0	20.677	36.559	25.771	9.074
39.0	23.511	36.484	24.912	8.911	89.0	23.498	36.485	24.916	8.955	139.0	20.641	36.560	25.781	9.076
40.0	23.507	36.483	24.913	8.911	90.0	23.499	36.485	24.917	8.953	140.0	20.611	36.560	25.789	9.077
41.0	23.507	36.483	24.913	8.918	91.0	23.498	36.486	24.917	8.950	141.0	20.568	36.560	25.801	9.079
42.0	23.505	36.483	24.913	8.918	92.0	23.498	36.486	24.917	8.950	142.0	20.406	36.554	25.841	9.077
43.0	23.498	36.482	24.915	8.907	93.0	23.498	36.486	24.917	8.945	143.0	20.287	36.562	25.878	9.077
44.0	23.498	36.482	24.915	8.914	94.0	23.498	36.487	24.918	8.951	144.0	20.260	36.565	25.888	9.077
45.0	23.497	36.483	24.915	8.914	95.0	23.498	36.487	24.918	8.956	145.0	20.212	36.562	25.898	9.074
46.0	23.497	36.482	24.915	8.922	96.0	23.499	36.486	24.917	8.961	146.0	20.193	36.560	25.902	9.077
47.0	23.497	36.482	24.915	8.920	97.0	23.499	36.487	24.918	8.956	147.0	20.187	36.555	25.899	9.076
48.0	23.497	36.482	24.915	8.921	98.0	23.500	36.486	24.917	8.956	148.0	20.047	36.543	25.928	9.072
49.0	23.496	36.482	24.915	8.921	99.0	23.500	36.487	24.917	8.955	149.0	19.930	36.531	25.950	9.066
50.0	23.496	36.482	24.915	8.921	100.0	23.500	36.487	24.918	8.957	150.0	19.801	36.524	25.979	9.067
51.0	23.497	36.482	24.915	8.922	101.0	23.499	36.487	24.918	8.960	151.0	19.740	36.521	25.992	9.064
52.0	23.497	36.482	24.915	8.916	102.0	23.498	36.488	24.919	8.960	152.0	19.716	36.517	25.996	9.065

XSM data are suspect

STATION SBE028.AUG:: CRUISE 91g02 DATE & TIME Tue Mar 05 21:56:51 1991, Julian day = 64  
 LAT 25 00 N LON 94 14 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

PTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
53.0	19.590	36.505	26.020	9.067	203.0	17.056	36.268	26.475	0.000	253.0	14.929	35.957	26.727	0.000
54.0	19.502	36.501	26.040	9.065	204.0	17.044	36.266	26.477	0.000	254.0	14.883	35.951	26.733	0.000
55.0	19.408	36.489	26.056	9.057	205.0	17.010	36.261	26.481	0.000	255.0	14.867	35.949	26.734	0.000
56.0	19.279	36.480	26.082	9.034	206.0	17.016	36.262	26.481	0.000	256.0	14.856	35.947	26.735	0.000
57.0	19.208	36.477	26.098	9.015	207.0	16.977	36.250	26.480	0.000	257.0	14.848	35.945	26.736	0.000
58.0	19.214	36.478	26.097	9.022	208.0	16.868	36.240	26.499	0.000	258.0	14.840	35.944	26.736	0.000
59.0	19.177	36.475	26.104	9.012	209.0	16.828	36.236	26.505	0.000	259.0	14.801	35.935	26.739	0.000
60.0	19.154	36.473	26.109	9.008	210.0	16.765	36.224	26.512	0.000	260.0	14.742	35.925	26.743	0.000
61.0	19.137	36.472	26.113	9.009	211.0	16.714	36.221	26.521	0.000	261.0	14.656	35.913	26.752	0.000
62.0	19.124	36.471	26.115	9.009	212.0	16.763	36.222	26.510	0.000	262.0	14.598	35.905	26.759	0.000
63.0	19.128	36.471	26.114	9.010	213.0	16.580	36.206	26.541	0.000	263.0	14.552	35.897	26.763	0.000
64.0	19.084	36.463	26.119	9.007	214.0	16.549	36.202	26.546	0.000	264.0	14.501	35.890	26.768	0.000
65.0	19.065	36.463	26.125	9.000	215.0	16.466	36.187	26.554	0.000	265.0	14.461	35.883	26.771	0.000
66.0	19.056	36.471	26.133	9.004	216.0	16.370	36.180	26.571	0.000	266.0	14.401	35.874	26.778	0.000
67.0	19.040	36.468	26.135	9.001	217.0	16.347	36.177	26.574	0.000	267.0	14.373	35.870	26.781	0.000
68.0	19.010	36.466	26.141	9.007	218.0	16.346	36.176	26.573	0.000	268.0	14.356	35.868	26.783	0.000
69.0	19.039	36.465	26.133	9.004	219.0	16.316	36.168	26.574	0.000	269.0	14.314	35.861	26.786	0.000
70.0	18.976	36.462	26.146	9.005	220.0	16.229	36.158	26.587	0.000	270.0	14.275	35.855	26.790	0.000
71.0	18.967	36.462	26.149	9.004	221.0	16.180	36.149	26.591	0.000	271.0	14.244	35.849	26.792	0.000
72.0	18.958	36.461	26.151	9.004	222.0	16.111	36.140	26.600	0.000	272.0	14.197	35.843	26.798	0.000
73.0	18.944	36.461	26.154	9.007	223.0	16.071	36.136	26.607	0.000	273.0	14.162	35.838	26.801	0.000
74.0	18.945	36.460	26.153	9.008	224.0	16.043	36.130	26.608	0.000	274.0	14.135	35.834	26.804	0.000
75.0	18.902	36.456	26.161	9.019	225.0	16.049	36.130	26.607	0.000	275.0	14.118	35.831	26.805	0.000
76.0	18.868	36.459	26.172	9.038	226.0	16.022	36.125	26.609	0.000	276.0	14.068	35.824	26.810	0.000
77.0	18.800	36.457	26.188	9.065	227.0	15.996	36.120	26.612	0.000	277.0	14.020	35.817	26.816	0.000
78.0	18.698	36.454	26.212	9.068	228.0	15.963	36.116	26.616	0.000	278.0	13.999	35.814	26.817	0.000
79.0	18.672	36.449	26.214	9.066	229.0	15.946	36.113	26.618	0.000	279.0	13.974	35.810	26.820	0.000
80.0	18.572	36.444	26.236	9.071	230.0	15.919	36.107	26.620	0.000	280.0	13.938	35.803	26.822	0.000
81.0	18.505	36.438	26.249	9.072	231.0	15.848	36.098	26.628	0.000	281.0	13.923	35.800	26.823	0.000
82.0	18.395	36.430	26.270	9.072	232.0	15.818	36.093	26.632	0.000	282.0	13.861	35.787	26.826	0.000
83.0	18.317	36.421	26.283	9.072	233.0	15.799	36.090	26.634	0.000	283.0	13.764	35.775	26.837	0.000
84.0	18.221	36.411	26.299	9.071	234.0	15.776	36.086	26.636	0.000	284.0	13.720	35.770	26.842	0.000
85.0	18.148	36.403	26.311	9.072	235.0	15.737	36.079	26.640	0.000	285.0	13.680	35.764	26.846	0.000
86.0	18.102	36.397	26.318	9.074	236.0	15.704	36.076	26.645	0.000	286.0	13.614	35.753	26.851	0.000
87.0	18.070	36.394	26.323	9.072	237.0	15.660	36.068	26.648	0.000	287.0	13.580	35.749	26.855	0.000
88.0	18.037	36.391	26.330	9.073	238.0	15.605	36.060	26.655	0.000	288.0	13.509	35.733	26.857	0.000
89.0	18.008	36.386	26.333	9.073	239.0	15.553	36.052	26.660	0.000	289.0	13.463	35.729	26.864	0.000
90.0	17.897	36.373	26.351	9.077	240.0	15.459	36.038	26.671	0.000	290.0	13.413	35.720	26.867	0.000
91.0	17.849	36.370	26.360	9.074	241.0	15.385	36.028	26.680	0.000	291.0	13.351	35.711	26.873	0.000
92.0	17.755	36.356	26.373	9.077	242.0	15.308	36.017	26.688	0.000	292.0	13.302	35.706	26.879	0.000
93.0	17.670	36.348	26.388	9.077	243.0	15.262	36.009	26.693	0.000	293.0	13.291	35.704	26.880	0.000
94.0	17.567	36.337	26.404	9.082	244.0	15.226	36.004	26.697	0.000	294.0	13.278	35.702	26.881	0.000
95.0	17.562	36.334	26.403	9.082	245.0	15.207	36.001	26.699	0.000	295.0	13.278	35.700	26.880	0.000
96.0	17.484	36.321	26.413	9.084	246.0	15.190	35.998	26.700	0.000	296.0	13.243	35.694	26.882	0.000
97.0	17.389	36.310	26.427	9.082	247.0	15.157	35.993	26.704	0.000	297.0	13.219	35.692	26.885	0.000
98.0	17.342	36.301	26.432	9.084	248.0	15.105	35.987	26.711	0.000	298.0	13.206	35.689	26.886	0.000
99.0	17.260	36.291	26.444	9.084	249.0	15.067	35.977	26.712	0.000	299.0	13.192	35.687	26.887	0.000
100.0	17.172	36.283	26.459	9.083	250.0	15.000	35.970	26.721	0.000	300.0	13.171	35.684	26.889	0.000
11.0	17.207	36.283	26.451	0.000	251.0	14.976	35.966	26.723	0.000	301.0	13.193	35.687	26.886	0.000
12.0	17.064	36.270	26.475	0.000	252.0	14.959	35.964	26.725	0.000	302.0	13.167	35.680	26.887	0.000

STATION SBE028.AUG:: CRUISE 91g02 DATE &amp; TIME Tue Mar 05 21:56:51 1991, Julian day = 64

LAT 25 00 N LON 94 14 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
303.0	13.110	35.673	26.893	0.000	353.0	11.181	35.382	27.040	0.000	403.0	10.155	35.234	27.109	0.000
304.0	13.086	35.670	26.895	0.000	354.0	11.146	35.377	27.043	0.000	404.0	10.129	35.231	27.111	0.000
305.0	13.065	35.666	26.897	0.000	355.0	11.108	35.371	27.045	0.000	405.0	10.116	35.229	27.111	0.000
306.0	13.047	35.663	26.897	0.000	356.0	11.044	35.363	27.051	0.000	406.0	10.110	35.227	27.111	0.000
307.0	13.015	35.658	26.901	0.000	357.0	11.018	35.359	27.053	0.000	407.0	10.089	35.225	27.113	0.000
308.0	12.977	35.651	26.903	0.000	358.0	11.010	35.358	27.053	0.000	408.0	10.067	35.221	27.114	0.000
309.0	12.923	35.644	26.908	0.000	359.0	10.995	35.355	27.053	0.000	409.0	10.050	35.220	27.116	0.000
310.0	12.867	35.634	26.912	0.000	360.0	10.973	35.351	27.055	0.000	410.0	10.035	35.216	27.115	0.000
311.0	12.795	35.624	26.918	0.000	361.0	10.960	35.350	27.056	0.000	411.0	9.998	35.211	27.117	0.000
312.0	12.759	35.618	26.921	0.000	362.0	10.950	35.349	27.057	0.000	412.0	9.983	35.210	27.119	0.000
313.0	12.728	35.614	26.924	0.000	363.0	10.947	35.347	27.056	0.000	413.0	9.960	35.208	27.122	0.000
314.0	12.695	35.608	26.926	0.000	364.0	10.927	35.344	27.057	0.000	414.0	9.946	35.205	27.122	0.000
315.0	12.657	35.605	26.931	0.000	365.0	10.901	35.341	27.060	0.000	415.0	9.973	35.207	27.119	0.000
316.0	12.688	35.610	26.929	0.000	366.0	10.891	35.340	27.061	0.000	416.0	9.937	35.200	27.120	0.000
317.0	12.579	35.587	26.932	0.000	367.0	10.876	35.338	27.062	0.000	417.0	9.906	35.199	27.124	0.000
318.0	12.532	35.584	26.940	0.000	368.0	10.866	35.336	27.062	0.000	418.0	9.897	35.198	27.125	0.000
319.0	12.485	35.577	26.944	0.000	369.0	10.847	35.334	27.064	0.000	419.0	9.883	35.196	27.125	0.000
320.0	12.442	35.572	26.948	0.000	370.0	10.825	35.331	27.066	0.000	420.0	9.862	35.195	27.127	0.000
321.0	12.410	35.568	26.951	0.000	371.0	10.816	35.330	27.067	0.000	421.0	9.854	35.192	27.128	0.000
322.0	12.385	35.563	26.952	0.000	372.0	10.797	35.327	27.068	0.000	422.0	9.866	35.191	27.125	0.000
323.0	12.427	35.562	26.944	0.000	373.0	10.773	35.324	27.070	0.000	423.0	9.806	35.187	27.132	0.000
324.0	12.327	35.553	26.956	0.000	374.0	10.757	35.323	27.072	0.000	424.0	9.803	35.186	27.131	0.000
325.0	12.313	35.551	26.957	0.000	375.0	10.724	35.315	27.071	0.000	425.0	9.785	35.184	27.133	0.000
326.0	12.277	35.544	26.959	0.000	376.0	10.703	35.315	27.075	0.000	426.0	9.763	35.180	27.134	0.000
327.0	12.221	35.537	26.964	0.000	377.0	10.658	35.307	27.077	0.000	427.0	9.760	35.180	27.134	0.000
328.0	12.185	35.533	26.968	0.000	378.0	10.621	35.305	27.082	0.000	428.0	9.785	35.181	27.130	0.000
329.0	12.212	35.534	26.964	0.000	379.0	10.619	35.304	27.081	0.000	429.0	9.763	35.178	27.132	0.000
330.0	12.110	35.509	26.964	0.000	380.0	10.603	35.300	27.081	0.000	430.0	9.746	35.178	27.135	0.000
331.0	11.883	35.490	26.993	0.000	381.0	10.580	35.296	27.082	0.000	431.0	9.741	35.178	27.135	0.000
332.0	11.838	35.483	26.997	0.000	382.0	10.543	35.291	27.085	0.000	432.0	9.736	35.177	27.136	0.000
333.0	11.788	35.478	27.001	0.000	383.0	10.528	35.292	27.089	0.000	433.0	9.733	35.176	27.136	0.000
334.0	11.754	35.473	27.004	0.000	384.0	10.517	35.287	27.086	0.000	434.0	9.735	35.175	27.134	0.000
335.0	11.752	35.472	27.004	0.000	385.0	10.494	35.285	27.089	0.000	435.0	9.728	35.175	27.136	0.000
336.0	11.767	35.468	26.998	0.000	386.0	10.478	35.282	27.089	0.000	436.0	9.724	35.174	27.135	0.000
337.0	11.700	35.460	27.004	0.000	387.0	10.444	35.278	27.092	0.000	437.0	9.701	35.170	27.136	0.000
338.0	11.651	35.455	27.010	0.000	388.0	10.427	35.275	27.093	0.000	438.0	9.648	35.164	27.140	0.000
339.0	11.635	35.452	27.010	0.000	389.0	10.423	35.274	27.093	0.000	439.0	9.618	35.161	27.143	0.000
340.0	11.572	35.443	27.016	0.000	390.0	10.403	35.272	27.095	0.000	440.0	9.604	35.159	27.144	0.000
341.0	11.514	35.436	27.021	0.000	391.0	10.388	35.269	27.095	0.000	441.0	9.600	35.158	27.144	0.000
342.0	11.491	35.432	27.022	0.000	392.0	10.371	35.268	27.097	0.000	442.0	9.584	35.156	27.145	0.000
343.0	11.465	35.427	27.023	0.000	393.0	10.365	35.266	27.096	0.000	443.0	9.570	35.155	27.146	0.000
344.0	11.435	35.423	27.025	0.000	394.0	10.351	35.262	27.096	0.000	444.0	9.562	35.153	27.146	0.000
345.0	11.421	35.421	27.026	0.000	395.0	10.316	35.257	27.099	0.000	445.0	9.553	35.152	27.147	0.000
346.0	11.410	35.419	27.027	0.000	396.0	10.302	35.256	27.100	0.000	446.0	9.536	35.149	27.147	0.000
347.0	11.393	35.415	27.027	0.000	397.0	10.289	35.253	27.100	0.000	447.0	9.504	35.145	27.150	0.000
348.0	11.333	35.405	27.031	0.000	398.0	10.251	35.248	27.103	0.000	448.0	9.460	35.141	27.154	0.000
349.0	11.285	35.400	27.035	0.000	399.0	10.231	35.246	27.105	0.000	449.0	9.424	35.138	27.157	0.000
350.0	11.263	35.396	27.036	0.000	400.0	10.209	35.242	27.105	0.000	450.0	9.398	35.133	27.158	0.000
351.0	11.217	35.389	27.039	0.000	401.0	10.179	35.238	27.107	0.000	451.0	9.363	35.129	27.160	0.000
352.0	11.202	35.386	27.040	0.000	402.0	10.164	35.236	27.109	0.000	452.0	9.345	35.127	27.162	0.000

STATION SBEO28.AUG:: CRUISE 91g02 DATE & TIME Tue Mar 05 21:56:51 1991, Julian day = 64  
 LAT 25 00 N LON 94 14 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
453.0	9.330	35.127	27.164	0.000	503.0	8.521	35.030	27.218	0.000	553.0	7.872	34.971	27.271	0.000
454.0	9.317	35.124	27.164	0.000	504.0	8.483	35.027	27.221	0.000	554.0	7.849	34.969	27.273	0.000
455.0	9.301	35.121	27.164	0.000	505.0	8.468	35.026	27.223	0.000	555.0	7.840	34.969	27.274	0.000
456.0	9.294	35.120	27.165	0.000	506.0	8.459	35.024	27.224	0.000	556.0	7.844	34.969	27.273	0.000
457.0	9.289	35.119	27.165	0.000	507.0	8.453	35.024	27.224	0.000	557.0	7.846	34.969	27.273	0.000
458.0	9.270	35.116	27.165	0.000	508.0	8.453	35.024	27.224	0.000	558.0	7.818	34.969	27.277	0.000
459.0	9.240	35.114	27.169	0.000	509.0	8.453	35.023	27.223	0.000	559.0	7.813	34.970	27.279	0.000
460.0	9.221	35.111	27.170	0.000	510.0	8.452	35.023	27.223	0.000	560.0	7.810	34.969	27.278	0.000
461.0	9.202	35.109	27.171	0.000	511.0	8.451	35.023	27.223	0.000	561.0	7.804	34.969	27.279	0.000
462.0	9.191	35.107	27.171	0.000	512.0	8.451	35.022	27.223	0.000	562.0	7.800	34.968	27.279	0.000
463.0	9.170	35.104	27.173	0.000	513.0	8.441	35.021	27.224	0.000	563.0	7.793	34.968	27.280	0.000
464.0	9.154	35.103	27.175	0.000	514.0	8.433	35.021	27.225	0.000	564.0	7.786	34.967	27.281	0.000
465.0	9.142	35.101	27.175	0.000	515.0	8.421	35.020	27.225	0.000	565.0	7.772	34.967	27.282	0.000
466.0	9.129	35.100	27.176	0.000	516.0	8.384	35.016	27.228	0.000	566.0	7.769	34.966	27.282	0.000
467.0	9.112	35.097	27.177	0.000	517.0	8.370	35.016	27.230	0.000	567.0	7.754	34.965	27.283	0.000
468.0	9.095	35.095	27.178	0.000	518.0	8.363	35.015	27.231	0.000	568.0	7.752	34.965	27.284	0.000
469.0	9.076	35.093	27.179	0.000	519.0	8.389	35.015	27.227	0.000	569.0	7.750	34.965	27.284	0.000
470.0	9.065	35.092	27.180	0.000	520.0	8.345	35.009	27.229	0.000	570.0	7.739	34.963	27.284	0.000
471.0	9.055	35.090	27.181	0.000	521.0	8.312	35.011	27.235	0.000	571.0	7.718	34.961	27.286	0.000
472.0	9.038	35.089	27.181	0.000	522.0	8.307	35.009	27.235	0.000	572.0	7.707	34.961	27.287	0.000
473.0	9.017	35.087	27.184	0.000	523.0	8.292	35.009	27.237	0.000	573.0	7.700	34.960	27.288	0.000
474.0	9.010	35.086	27.184	0.000	524.0	8.288	35.008	27.237	0.000	574.0	7.690	34.960	27.289	0.000
475.0	9.002	35.084	27.184	0.000	525.0	8.313	35.009	27.233	0.000	575.0	7.678	34.959	27.290	0.000
476.0	8.961	35.079	27.187	0.000	526.0	8.270	35.003	27.236	0.000	576.0	7.669	34.958	27.290	0.000
477.0	8.927	35.076	27.190	0.000	527.0	8.236	35.002	27.240	0.000	577.0	7.663	34.957	27.291	0.000
478.0	8.913	35.075	27.192	0.000	528.0	8.213	35.000	27.242	0.000	578.0	7.648	34.955	27.291	0.000
479.0	8.908	35.074	27.192	0.000	529.0	8.194	34.999	27.244	0.000	579.0	7.640	34.955	27.292	0.000
480.0	8.900	35.073	27.191	0.000	530.0	8.179	34.997	27.245	0.000	580.0	7.629	34.954	27.293	0.000
481.0	8.890	35.071	27.192	0.000	531.0	8.168	34.995	27.245	0.000	581.0	7.614	34.953	27.295	0.000
482.0	8.879	35.071	27.194	0.000	532.0	8.146	34.993	27.246	0.000	582.0	7.599	34.952	27.296	0.000
483.0	8.874	35.068	27.192	0.000	533.0	8.104	34.989	27.250	0.000	583.0	7.588	34.951	27.297	0.000
484.0	8.852	35.066	27.194	0.000	534.0	8.082	34.988	27.252	0.000	584.0	7.568	34.949	27.298	0.000
485.0	8.817	35.063	27.197	0.000	535.0	8.061	34.985	27.254	0.000	585.0	7.585	34.950	27.297	0.000
486.0	8.809	35.062	27.198	0.000	536.0	8.047	34.985	27.255	0.000	586.0	7.561	34.946	27.296	0.000
487.0	8.791	35.060	27.198	0.000	537.0	8.039	34.986	27.257	0.000	587.0	7.524	34.947	27.303	0.000
488.0	8.774	35.058	27.200	0.000	538.0	8.034	34.985	27.258	0.000	588.0	7.524	34.947	27.303	0.000
489.0	8.764	35.057	27.201	0.000	539.0	8.032	34.982	27.256	0.000	589.0	7.510	34.945	27.304	0.000
490.0	8.738	35.053	27.202	0.000	540.0	7.982	34.980	27.261	0.000	590.0	7.496	34.945	27.306	0.000
491.0	8.698	35.049	27.205	0.000	541.0	7.970	34.981	27.264	0.000	591.0	7.487	34.944	27.306	0.000
492.0	8.679	35.047	27.207	0.000	542.0	7.964	34.981	27.265	0.000	592.0	7.503	34.944	27.303	0.000
493.0	8.641	35.043	27.209	0.000	543.0	7.956	34.981	27.266	0.000	593.0	7.470	34.940	27.305	0.000
494.0	8.605	35.039	27.212	0.000	544.0	7.969	34.980	27.263	0.000	594.0	7.445	34.940	27.309	0.000
495.0	8.580	35.038	27.216	0.000	545.0	7.943	34.977	27.264	0.000	595.0	7.433	34.940	27.310	0.000
496.0	8.575	35.037	27.215	0.000	546.0	7.928	34.978	27.268	0.000	596.0	7.425	34.939	27.311	0.000
497.0	8.574	35.037	27.216	0.000	547.0	7.923	34.978	27.268	0.000	597.0	7.413	34.938	27.312	0.000
498.0	8.566	35.035	27.215	0.000	548.0	7.920	34.977	27.268	0.000	598.0	7.403	34.938	27.313	0.000
499.0	8.562	35.035	27.216	0.000	549.0	7.920	34.975	27.267	0.000	599.0	7.395	34.937	27.313	0.000
00.0	8.561	35.035	27.216	0.000	550.0	7.925	34.976	27.266	0.000	600.0	7.394	34.936	27.313	0.000
01.0	8.557	35.034	27.215	0.000	551.0	7.910	34.973	27.266	0.000	601.0	7.394	34.937	27.313	0.000
02.0	8.545	35.033	27.217	0.000	552.0	7.888	34.972	27.269	0.000	602.0	7.390	34.936	27.313	0.000

STATION SBE028.AVG:: CRUISE 91g02 DATE & TIME Tue Mar 05 21:56:51 1991, Julian day = 64  
 LAT 25 00 N LON 94 14 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

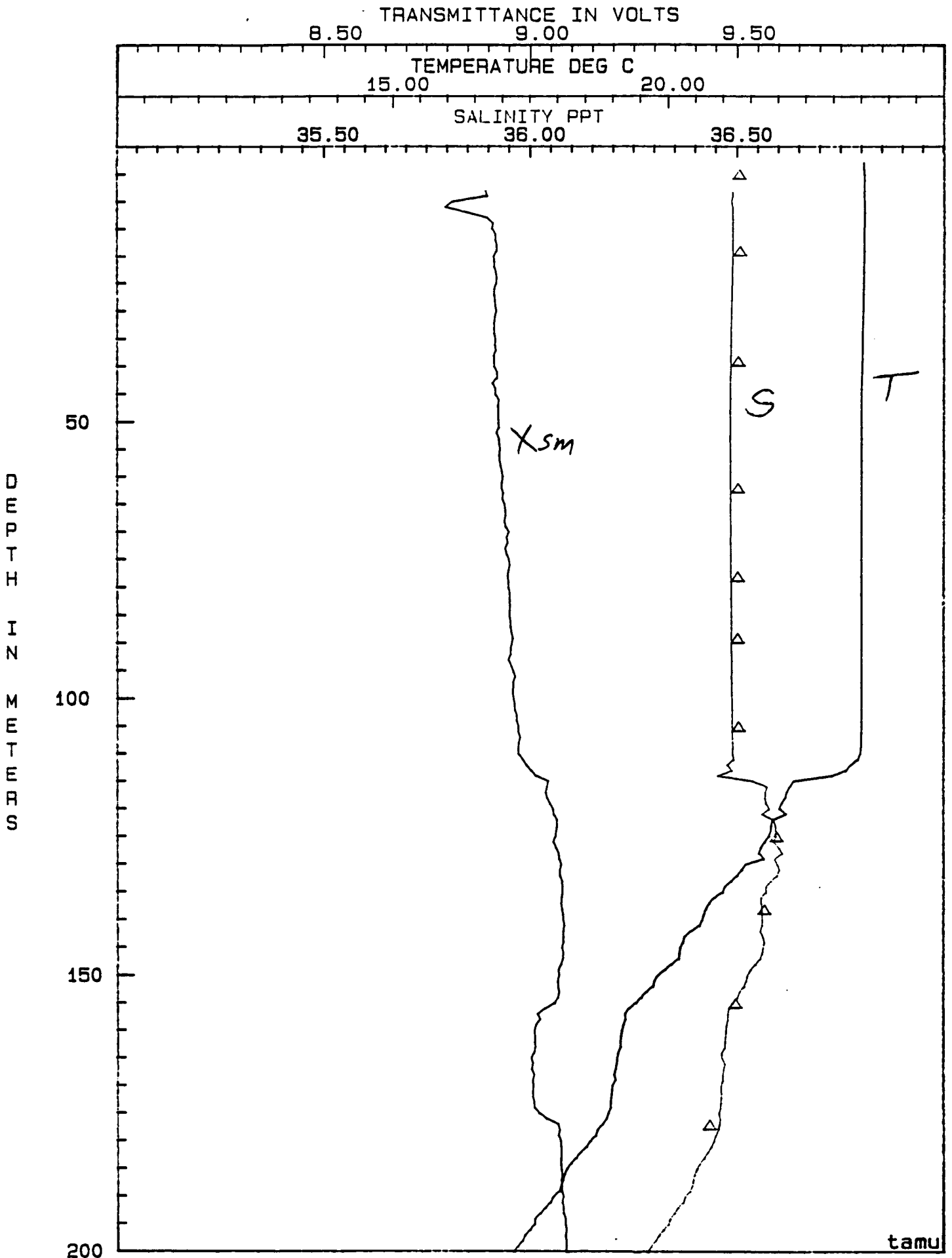
DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
603.0	7.381	34.936	27.315	0.000	653.0	6.866	34.904	27.362	0.000	703.0	6.441	34.889	27.408	0.000
604.0	7.367	34.935	27.316	0.000	654.0	6.846	34.903	27.364	0.000	704.0	6.433	34.889	27.409	0.000
605.0	7.351	34.934	27.317	0.000	655.0	6.838	34.902	27.364	0.000	705.0	6.420	34.889	27.411	0.000
606.0	7.342	34.935	27.319	0.000	656.0	6.822	34.901	27.366	0.000	706.0	6.414	34.890	27.412	0.000
607.0	7.341	34.931	27.317	0.000	657.0	6.814	34.900	27.366	0.000	707.0	6.410	34.890	27.413	0.000
608.0	7.330	34.933	27.320	0.000	658.0	6.803	34.900	27.367	0.000	708.0	6.424	34.888	27.410	0.000
609.0	7.319	34.931	27.320	0.000	659.0	6.797	34.899	27.367	0.000	709.0	6.405	34.891	27.414	0.000
610.0	7.309	34.931	27.322	0.000	660.0	6.789	34.898	27.368	0.000	710.0	6.401	34.890	27.414	0.000
611.0	7.301	34.930	27.322	0.000	661.0	6.776	34.898	27.370	0.000	711.0	6.392	34.887	27.413	0.000
612.0	7.288	34.929	27.323	0.000	662.0	6.770	34.898	27.370	0.000	712.0	6.389	34.887	27.414	0.000
613.0	7.275	34.929	27.324	0.000	663.0	6.763	34.897	27.370	0.000	713.0	6.378	34.888	27.416	0.000
614.0	7.268	34.929	27.325	0.000	664.0	6.759	34.897	27.371	0.000	714.0	6.373	34.887	27.416	0.000
615.0	7.256	34.928	27.327	0.000	665.0	6.756	34.896	27.371	0.000	715.0	6.348	34.887	27.419	0.000
616.0	7.244	34.927	27.328	0.000	666.0	6.752	34.896	27.372	0.000	716.0	6.332	34.888	27.422	0.000
617.0	7.236	34.927	27.329	0.000	667.0	6.745	34.896	27.372	0.000	717.0	6.322	34.888	27.422	0.000
618.0	7.230	34.927	27.329	0.000	668.0	6.733	34.896	27.374	0.000	718.0	6.311	34.888	27.424	0.000
619.0	7.225	34.927	27.330	0.000	669.0	6.728	34.896	27.375	0.000	719.0	6.305	34.888	27.425	0.000
620.0	7.217	34.927	27.331	0.000	670.0	6.721	34.895	27.375	0.000	720.0	6.299	34.888	27.426	0.000
621.0	7.200	34.927	27.333	0.000	671.0	6.700	34.896	27.378	0.000	721.0	6.289	34.888	27.427	0.000
622.0	7.177	34.926	27.336	0.000	672.0	6.690	34.896	27.380	0.000	722.0	6.279	34.887	27.428	0.000
623.0	7.165	34.925	27.337	0.000	673.0	6.679	34.895	27.381	0.000	723.0	6.264	34.888	27.430	0.000
624.0	7.164	34.925	27.337	0.000	674.0	6.666	34.895	27.382	0.000	724.0	6.253	34.887	27.431	0.000
625.0	7.159	34.924	27.338	0.000	675.0	6.644	34.894	27.385	0.000	725.0	6.247	34.888	27.433	0.000
626.0	7.150	34.924	27.338	0.000	676.0	6.626	34.893	27.386	0.000	726.0	6.243	34.886	27.431	0.000
627.0	7.141	34.924	27.339	0.000	677.0	6.620	34.893	27.386	0.000	727.0	6.236	34.887	27.433	0.000
628.0	7.130	34.921	27.338	0.000	678.0	6.619	34.893	27.387	0.000	728.0	6.229	34.886	27.434	0.000
629.0	7.114	34.921	27.341	0.000	679.0	6.613	34.892	27.387	0.000	729.0	6.219	34.887	27.436	0.000
630.0	7.105	34.920	27.342	0.000	680.0	6.603	34.892	27.388	0.000	730.0	6.215	34.887	27.436	0.000
631.0	7.099	34.920	27.342	0.000	681.0	6.596	34.893	27.390	0.000	731.0	6.210	34.887	27.437	0.000
632.0	7.096	34.920	27.343	0.000	682.0	6.591	34.893	27.390	0.000	732.0	6.206	34.887	27.437	0.000
633.0	7.088	34.918	27.343	0.000	683.0	6.589	34.892	27.390	0.000	733.0	6.204	34.887	27.438	0.000
634.0	7.075	34.918	27.344	0.000	684.0	6.587	34.892	27.391	0.000	734.0	6.204	34.887	27.437	0.000
635.0	7.057	34.917	27.346	0.000	685.0	6.580	34.892	27.392	0.000	735.0	6.204	34.886	27.436	0.000
636.0	7.043	34.916	27.347	0.000	686.0	6.572	34.892	27.393	0.000	736.0	6.194	34.886	27.438	0.000
637.0	7.031	34.916	27.349	0.000	687.0	6.567	34.893	27.394	0.000	737.0	6.185	34.887	27.440	0.000
638.0	7.025	34.915	27.349	0.000	688.0	6.558	34.892	27.394	0.000	738.0	6.179	34.887	27.441	0.000
639.0	7.019	34.914	27.349	0.000	689.0	6.560	34.891	27.394	0.000	739.0	6.177	34.887	27.441	0.000
640.0	7.006	34.913	27.350	0.000	690.0	6.546	34.890	27.395	0.000	740.0	6.170	34.886	27.441	0.000
641.0	6.988	34.912	27.352	0.000	691.0	6.542	34.891	27.396	0.000	741.0	6.163	34.886	27.442	0.000
642.0	6.970	34.911	27.354	0.000	692.0	6.535	34.892	27.397	0.000	742.0	6.162	34.886	27.442	0.000
643.0	6.962	34.911	27.354	0.000	693.0	6.529	34.891	27.398	0.000	743.0	6.160	34.886	27.442	0.000
644.0	6.952	34.910	27.355	0.000	694.0	6.525	34.891	27.398	0.000	744.0	6.151	34.885	27.443	0.000
645.0	6.941	34.910	27.356	0.000	695.0	6.515	34.890	27.399	0.000	745.0	6.137	34.887	27.446	0.000
646.0	6.935	34.910	27.357	0.000	696.0	6.498	34.890	27.401	0.000	746.0	6.133	34.888	27.447	0.000
647.0	6.932	34.909	27.357	0.000	697.0	6.489	34.890	27.402	0.000	747.0	6.132	34.887	27.447	0.000
648.0	6.923	34.908	27.357	0.000	698.0	6.486	34.889	27.402	0.000	748.0	6.130	34.887	27.447	0.000
649.0	6.918	34.908	27.358	0.000	699.0	6.475	34.889	27.403	0.000	749.0	6.127	34.886	27.447	0.000
650.0	6.900	34.907	27.360	0.000	700.0	6.463	34.890	27.405	0.000	750.0	6.126	34.887	27.448	0.000
651.0	6.886	34.907	27.361	0.000	701.0	6.459	34.889	27.406	0.000	751.0	6.125	34.887	27.448	0.000
652.0	6.876	34.904	27.361	0.000	702.0	6.456	34.888	27.405	0.000	752.0	6.118	34.887	27.449	0.000



STATION SBE028.AVG:: CRUISE 91g02 DATE & TIME Tue Mar 05 21:56:51 1991, Julian day = 64  
 LAT 25 00 N LON 94 14 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

PTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
'53.0	6.114	34.887	27.449	0.000	803.0	5.823	34.889	27.487	0.000	853.0	5.610	34.895	27.519	0.000
'54.0	6.111	34.887	27.450	0.000	804.0	5.816	34.889	27.489	0.000	854.0	5.607	34.895	27.520	0.000
'55.0	6.108	34.886	27.449	0.000	805.0	5.812	34.889	27.489	0.000	855.0	5.601	34.895	27.521	0.000
'56.0	6.105	34.886	27.449	0.000	806.0	5.812	34.890	27.490	0.000	856.0	5.596	34.896	27.521	0.000
'57.0	6.099	34.886	27.450	0.000	807.0	5.809	34.890	27.490	0.000	857.0	5.596	34.895	27.521	0.000
'58.0	6.089	34.888	27.454	0.000	808.0	5.804	34.889	27.490	0.000	858.0	5.594	34.895	27.521	0.000
'59.0	6.085	34.889	27.454	0.000	809.0	5.800	34.890	27.491	0.000	859.0	5.591	34.895	27.522	0.000
'60.0	6.071	34.887	27.455	0.000	810.0	5.796	34.890	27.492	0.000	860.0	5.587	34.896	27.523	0.000
'61.0	6.064	34.888	27.456	0.000	811.0	5.790	34.889	27.492	0.000	861.0	5.585	34.895	27.522	0.000
'62.0	6.061	34.887	27.456	0.000	812.0	5.786	34.890	27.493	0.000	862.0	5.583	34.896	27.523	0.000
'63.0	6.064	34.886	27.455	0.000	813.0	5.782	34.891	27.494	0.000	863.0	5.573	34.895	27.524	0.000
'64.0	6.052	34.886	27.456	0.000	814.0	5.777	34.891	27.495	0.000	864.0	5.568	34.896	27.525	0.000
'65.0	6.043	34.887	27.458	0.000	815.0	5.768	34.890	27.495	0.000	865.0	5.563	34.896	27.526	0.000
'66.0	6.040	34.888	27.459	0.000	816.0	5.764	34.890	27.496	0.000	866.0	5.559	34.896	27.526	0.000
'67.0	6.032	34.888	27.460	0.000	817.0	5.753	34.891	27.498	0.000	867.0	5.556	34.896	27.527	0.000
'68.0	6.030	34.889	27.461	0.000	818.0	5.745	34.891	27.499	0.000	868.0	5.560	34.896	27.526	0.000
'69.0	6.032	34.887	27.460	0.000	819.0	5.741	34.892	27.500	0.000	869.0	5.545	34.896	27.528	0.000
'70.0	6.022	34.888	27.461	0.000	820.0	5.734	34.891	27.500	0.000	870.0	5.536	34.897	27.530	0.000
'71.0	6.016	34.889	27.463	0.000	821.0	5.719	34.893	27.503	0.000	871.0	5.533	34.897	27.530	0.000
'72.0	6.012	34.888	27.463	0.000	822.0	5.717	34.892	27.503	0.000	872.0	5.531	34.897	27.530	0.000
'73.0	6.010	34.888	27.463	0.000	823.0	5.724	34.891	27.502	0.000	873.0	5.529	34.897	27.531	0.000
'74.0	6.010	34.888	27.463	0.000	824.0	5.711	34.892	27.504	0.000	874.0	5.526	34.897	27.531	0.000
'75.0	6.009	34.888	27.464	0.000	825.0	5.710	34.892	27.505	0.000	875.0	5.519	34.897	27.532	0.000
'76.0	6.002	34.888	27.465	0.000	826.0	5.709	34.893	27.505	0.000	876.0	5.516	34.898	27.533	0.000
'77.0	5.995	34.888	27.465	0.000	827.0	5.707	34.892	27.505	0.000	877.0	5.513	34.897	27.533	0.000
'78.0	5.990	34.889	27.466	0.000	828.0	5.701	34.893	27.506	0.000	878.0	5.508	34.897	27.533	0.000
'79.0	5.981	34.888	27.467	0.000	829.0	5.700	34.892	27.506	0.000	879.0	5.505	34.897	27.534	0.000
'80.0	5.969	34.887	27.468	0.000	830.0	5.697	34.892	27.506	0.000	880.0	5.500	34.898	27.535	0.000
'81.0	5.956	34.889	27.470	0.000	831.0	5.696	34.892	27.506	0.000	881.0	5.497	34.897	27.535	0.000
'82.0	5.939	34.889	27.473	0.000	832.0	5.691	34.892	27.506	0.000	882.0	5.495	34.898	27.535	0.000
'83.0	5.936	34.889	27.474	0.000	833.0	5.683	34.893	27.508	0.000	883.0	5.494	34.898	27.535	0.000
'84.0	5.932	34.889	27.474	0.000	834.0	5.676	34.893	27.509	0.000	884.0	5.493	34.897	27.535	0.000
'85.0	5.932	34.888	27.474	0.000	835.0	5.671	34.893	27.510	0.000	885.0	5.490	34.898	27.536	0.000
'86.0	5.928	34.889	27.474	0.000	836.0	5.668	34.893	27.510	0.000	886.0	5.484	34.897	27.536	0.000
'87.0	5.912	34.889	27.477	0.000	837.0	5.659	34.894	27.512	0.000	887.0	5.479	34.898	27.538	0.000
'88.0	5.901	34.889	27.478	0.000	838.0	5.652	34.894	27.513	0.000	888.0	5.476	34.898	27.538	0.000
'89.0	5.896	34.890	27.479	0.000	839.0	5.655	34.893	27.512	0.000	889.0	5.473	34.898	27.539	0.000
'90.0	5.889	34.889	27.480	0.000	840.0	5.651	34.893	27.512	0.000	890.0	5.470	34.899	27.539	0.000
'91.0	5.882	34.889	27.480	0.000	841.0	5.647	34.894	27.514	0.000	891.0	5.470	34.898	27.539	0.000
'92.0	5.877	34.889	27.481	0.000	842.0	5.646	34.895	27.514	0.000	892.0	5.462	34.898	27.540	0.000
'93.0	5.868	34.889	27.481	0.000	843.0	5.646	34.894	27.514	0.000	893.0	5.448	34.898	27.542	0.000
'94.0	5.862	34.889	27.483	0.000	844.0	5.644	34.895	27.515	0.000	894.0	5.443	34.899	27.543	0.000
'95.0	5.861	34.890	27.484	0.000	845.0	5.644	34.894	27.514	0.000	895.0	5.438	34.900	27.544	0.000
'96.0	5.859	34.889	27.483	0.000	846.0	5.642	34.894	27.514	0.000	896.0	5.433	34.900	27.545	0.000
'97.0	5.857	34.888	27.483	0.000	847.0	5.626	34.895	27.517	0.000	897.0	5.436	34.899	27.544	0.000
'98.0	5.856	34.889	27.483	0.000	848.0	5.622	34.895	27.517	0.000	898.0	5.434	34.899	27.544	0.000
'99.0	5.850	34.888	27.484	0.000	849.0	5.620	34.895	27.518	0.000	899.0	5.425	34.900	27.546	0.000
'00.0	5.840	34.888	27.485	0.000	850.0	5.616	34.895	27.518	0.000	900.0	5.421	34.899	27.546	0.000
'01.0	5.835	34.888	27.486	0.000	851.0	5.614	34.895	27.519	0.000	901.0	5.416	34.900	27.547	0.000
'02.0	5.828	34.889	27.487	0.000	852.0	5.617	34.894	27.518	0.000	902.0	5.413	34.900	27.547	0.000





CRUISE: 91g02 STATION: SBE028.A DATE: Mar 05 21: 56: 51 1991  
 LATITUDE: 25 00 N LONGITUDE: 94 14 W

Cruise: 91602  
 Date: 03-06-1991  
 Time: 01:32:38 GMT  
 Lat: 25 10.00 N  
 Lon: 93 55.00 W  
 Stn: 29

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	23.50	68.78	23.51	102.69	23.48
		35.46	23.50	69.46	23.50	103.37	23.47
2.05	23.56	36.14	23.51	70.14	23.50	104.04	23.48
2.73	23.61	36.82	23.50	70.81	23.50	104.72	23.47
3.41	23.60	37.50	23.50	71.49	23.50	105.40	23.47
4.10	23.60	38.18	23.51	72.17	23.49	106.07	23.46
4.78	23.63	38.86	23.51	72.85	23.50	106.75	23.47
5.46	23.66	39.54	23.51	73.53	23.49	107.43	23.47
6.14	23.64	40.22	23.49	74.21	23.50	108.11	23.47
6.83	23.64	40.90	23.51	74.89	23.50	108.78	23.46
7.51	23.62	41.58	23.51	75.57	23.48	109.46	23.46
8.19	23.63	42.26	23.50	76.25	23.49	110.14	23.45
8.87	23.62	42.94	23.50	76.92	23.48	110.81	23.45
9.56	23.60	43.62	23.48	77.60	23.49	111.49	23.42
10.24	23.61	44.31	23.48	78.28	23.48	112.17	23.41
10.92	23.60	44.99	23.47	78.96	23.48	112.84	23.41
11.60	23.61	45.67	23.48	79.64	23.48	113.52	23.36
12.28	23.62	46.35	23.46	80.32	23.49	114.20	23.28
12.97	23.59	47.03	23.46	81.00	23.48	114.87	23.16
13.65	23.58	47.71	23.46	81.67	23.49	115.55	22.95
14.33	23.58	48.39	23.46	82.35	23.49	116.23	22.58
15.01	23.55	49.07	23.47	83.03	23.48	116.90	22.35
15.69	23.56	49.75	23.46	83.71	23.48	117.58	22.26
16.38	23.56	50.43	23.46	84.39	23.50	118.26	22.23
17.06	23.55	51.11	23.46	85.07	23.48	118.93	22.21
17.74	23.55	51.79	23.46	85.74	23.49	119.61	22.20
18.42	23.54	52.47	23.45	86.42	23.49	120.29	22.12
19.10	23.54	53.15	23.46	87.10	23.48	120.96	22.07
19.79	23.55	53.83	23.46	87.78	23.48	121.64	21.99
20.47	23.53	54.51	23.47	88.46	23.48	122.31	21.93
21.15	23.55	55.19	23.46	89.13	23.48	122.99	21.80
21.83	23.55	55.87	23.46	89.81	23.48	123.67	21.69
22.51	23.54	56.55	23.47	90.49	23.48	124.34	21.63
23.19	23.54	57.23	23.47	91.17	23.48	125.02	21.58
23.88	23.55	57.91	23.47	91.85	23.48	125.70	21.54
24.56	23.54	58.59	23.48	92.52	23.48	126.37	21.51
25.24	23.54	59.27	23.48	93.20	23.48	127.05	21.49
25.92	23.53	59.95	23.49	93.88	23.47	127.72	21.48
26.60	23.52	60.63	23.49	94.56	23.48	128.40	21.47
27.28	23.55	61.30	23.49	95.24	23.48	129.07	21.47
27.96	23.52	61.98	23.49	95.91	23.48	129.75	21.48
28.65	23.50	62.66	23.49	96.59	23.48	130.43	21.42
29.33	23.50	63.34	23.50	97.27	23.48	131.10	21.38
30.01	23.51	64.02	23.50	97.95	23.47	131.78	21.33
30.69	23.52	64.70	23.50	98.62	23.47	132.45	21.28
31.37	23.51	65.38	23.49	99.30	23.48	133.13	21.26
32.05	23.50	66.06	23.50	99.98	23.47	133.81	21.22
32.73	23.52	66.74	23.51	100.66	23.48	134.48	21.15
33.41	23.51	67.42	23.50	101.33	23.48	135.16	21.10
34.09	23.50	68.10	23.49	102.01	23.48	135.83	20.98
34.78	23.50	68.78	23.51	102.69	23.48	136.51	20.91

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	20.86	174.28	18.66	211.26	16.93	248.14	15.42
137.86	20.81	174.95	18.65	211.93	16.92	248.81	15.39
138.53	20.74	175.62	18.63	212.60	16.92	249.48	15.36
139.21	20.70	176.30	18.60	213.28	16.92	250.14	15.34
139.88	20.64	176.97	18.59	213.95	16.89	250.81	15.26
140.56	20.60	177.64	18.52	214.62	16.88	251.48	15.21
141.23	20.58	178.32	18.46	215.29	16.83	252.15	15.21
141.91	20.57	178.99	18.39	215.96	16.80	252.82	15.18
142.59	20.55	179.66	18.37	216.63	16.78	253.49	15.11
143.26	20.49	180.34	18.32	217.30	16.75	254.16	15.06
143.94	20.40	181.01	18.29	217.97	16.70	254.83	15.03
144.61	20.35	181.68	18.24	218.65	16.67	255.50	15.00
145.29	20.27	182.36	18.21	219.32	16.67	256.17	14.95
145.96	20.25	183.03	18.18	219.99	16.66	256.84	14.94
146.64	20.23	183.70	18.15	220.66	16.64	257.50	14.90
147.31	20.18	184.38	18.11	221.33	16.62	258.17	14.89
147.99	20.08	185.05	18.09	222.00	16.58	258.84	14.87
148.66	20.00	185.72	18.09	222.67	16.51	259.51	14.84
149.34	19.94	186.39	18.08	223.34	16.45	260.18	14.81
150.01	19.86	187.07	18.08	224.01	16.43	260.85	14.78
150.68	19.80	187.74	18.04	224.68	16.36	261.52	14.75
151.36	19.78	188.41	17.97	225.35	16.33	262.19	14.74
152.03	19.73	189.08	17.91	226.02	16.29	262.86	14.72
152.71	19.69	189.76	17.88	226.70	16.27	263.52	14.69
153.38	19.61	190.43	17.82	227.37	16.24	264.19	14.64
154.06	19.51	191.10	17.79	228.04	16.21	264.86	14.58
154.73	19.44	191.77	17.75	228.71	16.17	265.53	14.51
155.41	19.40	192.45	17.70	229.38	16.14	266.20	14.48
156.08	19.39	193.12	17.68	230.05	16.12	266.87	14.47
156.76	19.37	193.79	17.68	230.72	16.10	267.53	14.47
157.43	19.37	194.46	17.64	231.39	16.08	268.20	14.45
158.10	19.36	195.14	17.62	232.06	16.05	268.87	14.40
158.78	19.36	195.81	17.58	232.73	16.03	269.54	14.37
159.45	19.31	196.48	17.52	233.40	16.00	270.21	14.33
160.13	19.25	197.15	17.45	234.07	15.96	270.88	14.27
160.80	19.23	197.83	17.43	234.74	15.92	271.54	14.23
161.48	19.20	198.50	17.37	235.41	15.89	272.21	14.18
162.15	19.19	199.17	17.36	236.08	15.89	272.88	14.18
162.82	19.15	199.84	17.33	236.75	15.87	273.55	14.17
163.50	19.09	200.51	17.30	237.42	15.81	274.22	14.15
164.17	19.01	201.19	17.29	238.09	15.79	274.88	14.14
164.85	18.97	201.86	17.25	238.76	15.76	275.55	14.11
165.52	18.95	202.53	17.20	239.43	15.72	276.22	14.11
166.19	18.91	203.20	17.17	240.10	15.70	276.89	14.10
166.87	18.88	203.87	17.14	240.77	15.67	277.56	14.09
167.54	18.86	204.55	17.14	241.44	15.63	278.22	14.08
168.22	18.83	205.22	17.12	242.11	15.60	278.89	14.06
168.89	18.83	205.89	17.12	242.78	15.60	279.56	14.04
169.56	18.82	206.56	17.11	243.45	15.56	280.23	14.02
170.24	18.79	207.23	17.08	244.12	15.54	280.90	13.99
170.91	18.79	207.90	17.05	244.79	15.50	281.56	13.97
171.58	18.76	208.58	17.03	245.46	15.47	282.23	13.95
172.26	18.71	209.25	17.02	246.13	15.47	282.90	13.94
172.93	18.70	209.92	17.01	246.80	15.43	283.57	13.93
173.60	18.67	210.59	16.96	247.47	15.42	284.23	13.91
174.28	18.66	211.26	16.93	248.14	15.42	284.90	13.91

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	13.91	322.22	12.88	358.76	11.95	395.19	11.19
286.24	13.89	322.89	12.85	359.43	11.92	395.86	11.16
286.90	13.86	323.55	12.81	360.09	11.91	396.52	11.14
287.57	13.82	324.22	12.79	360.75	11.90	397.18	11.13
288.24	13.79	324.88	12.76	361.42	11.90	397.84	11.12
288.90	13.76	325.55	12.75	362.08	11.88	398.50	11.11
289.57	13.74	326.21	12.74	362.74	11.87	399.16	11.10
290.24	13.72	326.88	12.73	363.40	11.86	399.82	11.11
290.91	13.71	327.54	12.73	364.07	11.83	400.48	11.07
291.57	13.69	328.21	12.69	364.73	11.81	401.14	11.06
292.24	13.67	328.87	12.68	365.39	11.78	401.81	11.03
292.91	13.62	329.54	12.65	366.06	11.77	402.47	11.01
293.57	13.60	330.20	12.61	366.72	11.75	403.13	11.02
294.24	13.60	330.87	12.58	367.38	11.73	403.79	11.00
294.91	13.59	331.53	12.56	368.05	11.70	404.45	10.98
295.57	13.59	332.20	12.56	368.71	11.69	405.11	10.97
296.24	13.56	332.86	12.57	369.37	11.67	405.77	10.96
296.91	13.54	333.53	12.54	370.03	11.65	406.43	10.94
297.58	13.53	334.19	12.55	370.70	11.63	407.09	10.92
298.24	13.51	334.86	12.52	371.36	11.65	407.75	10.88
298.91	13.50	335.52	12.52	372.02	11.62	408.41	10.86
299.58	13.47	336.19	12.51	372.69	11.60	409.08	10.84
300.24	13.43	336.85	12.49	373.35	11.58	409.74	10.83
300.91	13.43	337.51	12.49	374.01	11.57	410.40	10.83
301.58	13.42	338.18	12.48	374.67	11.56	411.06	10.83
302.24	13.41	338.84	12.46	375.34	11.53	411.72	10.80
302.91	13.40	339.51	12.45	376.00	11.50	412.38	10.78
303.57	13.40	340.17	12.42	376.66	11.49	413.04	10.77
304.24	13.38	340.84	12.38	377.32	11.47	413.70	10.76
304.91	13.36	341.50	12.38	377.99	11.46	414.36	10.75
305.57	13.33	342.17	12.37	378.65	11.46	415.02	10.73
306.24	13.29	342.83	12.33	379.31	11.43	415.68	10.71
306.91	13.27	343.49	12.31	379.97	11.41	416.34	10.70
307.57	13.24	344.16	12.27	380.63	11.38	417.00	10.68
308.24	13.23	344.82	12.25	381.30	11.39	417.66	10.67
308.90	13.21	345.49	12.23	381.96	11.37	418.32	10.65
309.57	13.21	346.15	12.22	382.62	11.38	418.98	10.63
310.24	13.21	346.81	12.21	383.28	11.36	419.64	10.63
310.90	13.20	347.48	12.22	383.94	11.36	420.30	10.61
311.57	13.20	348.14	12.19	384.61	11.35	420.96	10.61
312.23	13.18	348.81	12.18	385.27	11.34	421.62	10.58
312.90	13.16	349.47	12.16	385.93	11.32	422.28	10.55
313.57	13.15	350.13	12.15	386.59	11.33	422.94	10.53
314.23	13.12	350.80	12.14	387.25	11.29	423.60	10.53
314.90	13.12	351.46	12.13	387.92	11.27	424.26	10.50
315.56	13.07	352.13	12.11	388.58	11.26	424.92	10.49
316.23	13.05	352.79	12.09	389.24	11.27	425.58	10.48
316.90	13.02	353.45	12.08	389.90	11.25	426.24	10.47
317.56	13.00	354.12	12.07	390.56	11.26	426.90	10.46
318.23	12.98	354.78	12.06	391.22	11.25	427.56	10.45
318.89	12.96	355.44	12.05	391.89	11.24	428.22	10.41
319.56	12.94	356.11	12.03	392.55	11.23	428.88	10.41
320.22	12.93	356.77	12.00	393.21	11.23	429.54	10.39
320.89	12.92	357.44	11.98	393.87	11.22	430.20	10.38
321.55	12.89	358.10	11.95	394.53	11.23	430.86	10.37
322.22	12.88	358.76	11.95	395.19	11.19	431.52	10.35

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	10.34	468.38	9.65	504.48	9.04	540.47	8.66
432.83	10.34	469.04	9.65	505.14	9.04	541.13	8.67
433.49	10.34	469.70	9.63	505.79	9.04	541.78	8.66
434.15	10.32	470.36	9.61	506.45	9.04	542.43	8.64
434.81	10.31	471.01	9.61	507.11	9.04	543.09	8.65
435.47	10.27	471.67	9.61	507.76	9.02	543.74	8.62
436.13	10.26	472.33	9.58	508.42	9.02	544.39	8.63
436.79	10.24	472.99	9.57	509.07	9.01	545.05	8.62
437.45	10.22	473.64	9.56	509.73	9.01	545.70	8.61
438.11	10.21	474.30	9.54	510.38	9.00	546.35	8.62
438.77	10.21	474.96	9.54	511.04	9.00	547.01	8.60
439.43	10.21	475.61	9.54	511.69	9.01	547.66	8.60
440.08	10.21	476.27	9.53	512.35	8.99	548.31	8.58
440.74	10.17	476.93	9.52	513.00	8.98	548.96	8.58
441.40	10.16	477.58	9.52	513.66	8.98	549.62	8.57
442.06	10.14	478.24	9.50	514.31	8.96	550.27	8.56
442.72	10.14	478.90	9.49	514.97	8.98	550.92	8.53
443.38	10.13	479.55	9.47	515.62	8.97	551.58	8.53
444.04	10.12	480.21	9.45	516.27	8.96	552.23	8.53
444.70	10.10	480.87	9.46	516.93	8.95	552.88	8.52
445.35	10.09	481.52	9.44	517.58	8.97	553.53	8.51
446.01	10.08	482.18	9.45	518.24	8.93	554.19	8.49
446.67	10.07	482.84	9.43	518.89	8.94	554.84	8.50
447.33	10.05	483.49	9.39	519.55	8.94	555.49	8.50
447.99	10.04	484.15	9.40	520.20	8.93	556.14	8.49
448.65	10.04	484.81	9.39	520.86	8.92	556.80	8.47
449.31	10.03	485.46	9.35	521.51	8.90	557.45	8.46
449.96	10.01	486.12	9.33	522.17	8.88	558.10	8.46
450.62	9.99	486.78	9.30	522.82	8.87	558.75	8.44
451.28	9.95	487.43	9.30	523.47	8.86	559.41	8.45
451.94	9.94	488.09	9.29	524.13	8.86	560.06	8.44
452.60	9.92	488.75	9.28	524.78	8.85	560.71	8.43
453.26	9.92	489.40	9.26	525.44	8.83	561.36	8.42
453.91	9.90	490.06	9.27	526.09	8.81	562.01	8.40
454.57	9.88	490.71	9.26	526.75	8.81	562.67	8.40
455.23	9.86	491.37	9.26	527.40	8.81	563.32	8.39
455.89	9.85	492.03	9.26	528.05	8.80	563.97	8.38
456.55	9.85	492.68	9.24	528.71	8.80	564.62	8.35
457.20	9.83	493.34	9.24	529.36	8.80	565.27	8.33
457.86	9.82	493.99	9.23	530.02	8.79	565.93	8.33
458.52	9.82	494.65	9.22	530.67	8.79	566.58	8.32
459.18	9.79	495.31	9.21	531.32	8.79	567.23	8.33
459.84	9.79	495.96	9.20	531.98	8.79	567.88	8.30
460.49	9.76	496.62	9.20	532.63	8.76	568.53	8.29
461.15	9.74	497.27	9.17	533.28	8.74	569.19	8.30
461.81	9.74	497.93	9.16	533.94	8.74	569.84	8.28
462.47	9.73	498.58	9.15	534.59	8.73	570.49	8.29
463.12	9.73	499.24	9.14	535.25	8.72	571.14	8.29
463.78	9.71	499.90	9.13	535.90	8.71	571.79	8.28
464.44	9.72	500.55	9.12	536.55	8.69	572.44	8.27
465.10	9.69	501.21	9.10	537.21	8.69	573.10	8.26
465.75	9.68	501.86	9.09	537.86	8.69	573.75	8.25
466.41	9.66	502.52	9.07	538.51	8.68	574.40	8.25
467.07	9.68	503.17	9.06	539.17	8.68	575.05	8.24
467.73	9.66	503.83	9.06	539.82	8.68	575.70	8.23
468.38	9.65	504.48	9.04	540.47	8.66	576.35	8.25

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	8.24	612.77	7.73	648.43	7.38	683.98	7.02
577.66	8.22	613.42	7.73	649.08	7.35	684.62	7.00
578.31	8.22	614.07	7.72	649.72	7.34	685.27	7.02
578.96	8.21	614.72	7.71	650.37	7.33	685.91	7.00
579.61	8.20	615.37	7.70	651.02	7.33	686.56	7.01
580.26	8.19	616.02	7.68	651.66	7.35	687.20	7.01
580.91	8.17	616.67	7.69	652.31	7.34	687.85	7.00
581.56	8.16	617.32	7.68	652.96	7.31	688.49	6.99
582.21	8.15	617.96	7.66	653.61	7.30	689.14	6.98
582.86	8.13	618.61	7.67	654.25	7.29	689.78	6.98
583.52	8.12	619.26	7.66	654.90	7.27	690.43	6.98
584.17	8.11	619.91	7.65	655.55	7.28	691.07	6.96
584.82	8.10	620.56	7.65	656.19	7.28	691.72	6.97
585.47	8.09	621.21	7.64	656.84	7.27	692.36	6.97
586.12	8.08	621.86	7.63	657.49	7.27	693.01	6.96
586.77	8.08	622.51	7.63	658.13	7.27	693.65	6.96
587.42	8.07	623.16	7.61	658.78	7.26	694.30	6.96
588.07	8.06	623.80	7.60	659.43	7.23	694.94	6.95
588.72	8.02	624.45	7.58	660.07	7.22	695.59	6.95
589.37	8.01	625.10	7.58	660.72	7.21	696.23	6.96
590.02	8.03	625.75	7.58	661.37	7.22	696.87	6.96
590.67	8.03	626.40	7.58	662.01	7.20	697.52	6.96
591.32	8.02	627.05	7.58	662.66	7.20	698.16	6.95
591.97	8.00	627.70	7.57	663.31	7.20	698.81	6.94
592.63	8.02	628.34	7.56	663.95	7.20	699.45	6.93
593.28	7.99	628.99	7.56	664.60	7.20	700.10	6.93
593.93	7.96	629.64	7.55	665.25	7.19	700.74	6.94
594.58	7.96	630.29	7.55	665.89	7.21	701.39	6.92
595.23	7.95	630.94	7.54	666.54	7.19	702.03	6.92
595.88	7.96	631.59	7.54	667.19	7.18	702.67	6.91
596.53	7.94	632.23	7.52	667.83	7.18	703.32	6.91
597.18	7.93	632.88	7.52	668.48	7.17	703.96	6.92
597.83	7.92	633.53	7.52	669.12	7.17	704.61	6.91
598.48	7.91	634.18	7.51	669.77	7.17	705.25	6.90
599.13	7.90	634.83	7.50	670.42	7.16	705.90	6.89
599.78	7.91	635.48	7.50	671.06	7.16	706.54	6.89
600.43	7.89	636.12	7.50	671.71	7.15	707.18	6.91
601.08	7.88	636.77	7.50	672.35	7.12	707.83	6.88
601.73	7.86	637.42	7.48	673.00	7.13	708.47	6.89
602.38	7.87	638.07	7.48	673.65	7.13	709.11	6.88
603.03	7.86	638.71	7.47	674.29	7.13	709.76	6.87
603.68	7.84	639.36	7.46	674.94	7.11	710.40	6.88
604.33	7.86	640.01	7.45	675.58	7.11	711.05	6.86
604.98	7.84	640.66	7.45	676.23	7.10	711.69	6.87
605.63	7.83	641.31	7.45	676.88	7.09	712.33	6.87
606.28	7.83	641.95	7.43	677.52	7.10	712.98	6.86
606.93	7.79	642.60	7.42	678.17	7.09	713.62	6.87
607.58	7.79	643.25	7.43	678.81	7.09	714.26	6.85
608.23	7.79	643.90	7.41	679.46	7.08	714.91	6.83
608.88	7.80	644.54	7.41	680.10	7.06	715.55	6.84
609.52	7.79	645.19	7.40	680.75	7.05	716.20	6.84
610.17	7.78	645.84	7.40	681.39	7.06	716.84	6.83
610.82	7.77	646.49	7.39	682.04	7.05	717.48	6.83
611.47	7.76	647.13	7.40	682.68	7.05	718.13	6.82
612.12	7.75	647.78	7.38	683.33	7.03	718.77	6.81
612.77	7.73	648.43	7.38	683.98	7.02	719.41	6.81



Cruise: 91602  
 Date: 03-06-1991  
 Time: 04:35:01 GMT  
 Lat: 25 19.00 N  
 Lon: 93 29.00 W  
 Stn: 30

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	23.43	68.78	23.44	102.69	23.45
		35.46	23.40	69.46	23.44	103.37	23.43
		36.14	23.42	70.14	23.44	104.04	23.43
2.73	23.76	36.82	23.42	70.81	23.45	104.72	23.43
3.41	23.65	37.50	23.41	71.49	23.43	105.40	23.45
4.10	23.56	38.18	23.42	72.17	23.47	106.07	23.45
4.78	23.57	38.86	23.41	72.85	23.45	106.75	23.43
5.46	23.58	39.54	23.42	73.53	23.44	107.43	23.45
6.14	23.58	40.22	23.41	74.21	23.44	108.11	23.45
6.83	23.58	40.90	23.40	74.89	23.45	108.78	23.45
7.51	23.57	41.58	23.42	75.57	23.43	109.46	23.44
8.19	23.54	42.26	23.43	76.25	23.45	110.14	23.44
8.87	23.54	42.94	23.41	76.92	23.47	110.81	23.43
9.56	23.54	43.62	23.42	77.60	23.47	111.49	23.44
10.24	23.53	44.31	23.43	78.28	23.45	112.17	23.39
10.92	23.52	44.99	23.42	78.96	23.43	112.84	23.37
11.60	23.51	45.67	23.43	79.64	23.45	113.52	23.40
12.28	23.52	46.35	23.43	80.32	23.47	114.20	23.38
12.97	23.50	47.03	23.42	81.00	23.48	114.87	23.36
13.65	23.49	47.71	23.43	81.67	23.41	115.55	23.32
14.33	23.50	48.39	23.42	82.35	23.35	116.23	23.33
15.01	23.49	49.07	23.42	83.03	23.41	116.90	23.25
15.69	23.49	49.75	23.42	83.71	23.35	117.58	22.92
16.38	23.48	50.43	23.43	84.39	23.53	118.26	22.36
17.06	23.46	51.11	23.42	85.07	23.44	118.93	22.06
17.74	23.47	51.79	23.42	85.74	23.43	119.61	21.85
18.42	23.47	52.47	23.42	86.42	23.40	120.29	21.67
19.10	23.51	53.15	23.43	87.10	23.45	120.96	21.53
19.79	23.44	53.83	23.42	87.78	23.47	121.64	21.44
20.47	23.43	54.51	23.43	88.46	23.43	122.31	21.34
21.15	23.45	55.19	23.42	89.13	23.45	122.99	21.31
21.83	23.44	55.87	23.44	89.81	23.44	123.67	21.28
22.51	23.34	56.55	23.43	90.49	23.42	124.34	21.30
23.19	23.41	57.23	23.44	91.17	23.44	125.02	21.32
23.88	23.44	57.91	23.45	91.85	23.43	125.70	21.33
24.56	23.43	58.59	23.43	92.52	23.45	126.37	21.37
25.24	23.42	59.27	23.44	93.20	23.42	127.05	21.43
25.92	23.43	59.95	23.43	93.88	23.43	127.72	21.54
26.60	23.43	60.63	23.42	94.56	23.46	128.40	21.59
27.28	23.43	61.30	23.43	95.24	23.44	129.07	21.61
27.96	23.43	61.98	23.43	95.91	23.41	129.75	21.55
28.65	23.40	62.66	23.44	96.59	23.44	130.43	21.50
29.33	23.43	63.34	23.43	97.27	23.43	131.10	21.41
30.01	23.42	64.02	23.45	97.95	23.44	131.78	21.34
30.69	23.43	64.70	23.43	98.62	23.43	132.45	21.29
31.37	23.44	65.38	23.44	99.30	23.43	133.13	21.24
32.05	23.44	66.06	23.43	99.98	23.43	133.81	21.21
32.73	23.44	66.74	23.45	100.66	23.45	134.48	21.19
33.41	23.43	67.42	23.44	101.33	23.43	135.16	21.17
34.09	23.42	68.10	23.44	102.01	23.45	135.83	21.16
34.78	23.43	68.78	23.44	102.69	23.45	136.51	21.14

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	21.14	174.28	20.28	211.26	18.20	248.14	16.65
137.86	21.11	174.95	20.33	211.93	18.18	248.81	16.60
138.53	21.03	175.62	20.13	212.60	18.13	249.48	16.59
139.21	20.99	176.30	20.05	213.28	18.11	250.14	16.54
139.88	20.92	176.97	20.06	213.95	18.07	250.81	16.51
140.56	20.85	177.64	20.09	214.62	18.03	251.48	16.48
141.23	20.79	178.32	20.05	215.29	18.00	252.15	16.46
141.91	20.77	178.99	19.85	215.96	17.99	252.82	16.44
142.59	20.76	179.66	19.80	216.63	17.95	253.49	16.44
143.26	20.72	180.34	19.70	217.30	17.93	254.16	16.43
143.94	20.67	181.01	19.63	217.97	17.92	254.83	16.42
144.61	20.62	181.68	19.56	218.65	17.90	255.50	16.39
145.29	20.56	182.36	19.51	219.32	17.87	256.17	16.38
145.96	20.52	183.03	19.44	219.99	17.85	256.84	16.36
146.64	20.48	183.70	19.41	220.66	17.80	257.50	16.31
147.31	20.45	184.38	19.35	221.33	17.78	258.17	16.30
147.99	20.47	185.05	19.28	222.00	17.77	258.84	16.28
148.66	20.38	185.72	19.26	222.67	17.76	259.51	16.25
149.34	20.32	186.39	19.25	223.34	17.74	260.18	16.22
150.01	20.27	187.07	19.23	224.01	17.72	260.85	16.20
150.68	20.23	187.74	19.26	224.68	17.72	261.52	16.20
151.36	20.22	188.41	19.25	225.35	17.69	262.19	16.16
152.03	20.23	189.08	19.23	226.02	17.63	262.86	16.13
152.71	20.22	189.76	19.21	226.70	17.60	263.52	16.13
153.38	20.21	190.43	19.13	227.37	17.58	264.19	16.12
154.06	20.17	191.10	19.07	228.04	17.54	264.86	16.10
154.73	20.16	191.77	19.02	228.71	17.51	265.53	16.09
155.41	20.14	192.45	18.96	229.38	17.51	266.20	16.05
156.08	20.16	193.12	18.92	230.05	17.46	266.87	16.01
156.76	20.14	193.79	18.89	230.72	17.41	267.53	15.94
157.43	20.11	194.46	18.87	231.39	17.39	268.20	15.85
158.10	20.07	195.14	18.82	232.06	17.36	268.87	15.77
158.78	20.06	195.81	18.79	232.73	17.33	269.54	15.74
159.45	20.06	196.48	18.75	233.40	17.30	270.21	15.72
160.13	20.06	197.15	18.71	234.07	17.29	270.88	15.71
160.80	20.04	197.83	18.67	234.74	17.29	271.54	15.67
161.48	19.97	198.50	18.65	235.41	17.30	272.21	15.65
162.15	19.91	199.17	18.64	236.08	17.26	272.88	15.62
162.82	19.87	199.84	18.63	236.75	17.24	273.55	15.59
163.50	19.84	200.51	18.61	237.42	17.14	274.22	15.59
164.17	19.82	201.19	18.61	238.09	17.07	274.88	15.57
164.85	19.78	201.86	18.57	238.76	17.01	275.55	15.56
165.52	19.73	202.53	18.55	239.43	16.99	276.22	15.53
166.19	19.72	203.20	18.53	240.10	16.95	276.89	15.49
166.87	19.69	203.87	18.51	240.77	16.89	277.56	15.50
167.54	19.69	204.55	18.49	241.44	16.86	278.22	15.48
168.22	19.70	205.22	18.46	242.11	16.83	278.89	15.47
168.89	19.70	205.89	18.44	242.78	16.82	279.56	15.46
169.56	19.70	206.56	18.41	243.45	16.78	280.23	15.44
170.24	19.70	207.23	18.38	244.12	16.77	280.90	15.43
170.91	19.72	207.90	18.32	244.79	16.74	281.56	15.41
171.58	19.78	208.58	18.27	245.46	16.72	282.23	15.39
172.26	19.87	209.25	18.25	246.13	16.67	282.90	15.36
172.93	19.98	209.92	18.22	246.80	16.68	283.57	15.30
173.60	20.20	210.59	18.21	247.47	16.67	284.23	15.26
174.28	20.28	211.26	18.20	248.14	16.65	284.90	15.23

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	15.20	322.22	14.21	358.76	13.30	395.19	12.50
286.24	15.20	322.89	14.17	359.43	13.28	395.86	12.48
286.90	15.17	323.55	14.14	360.09	13.27	396.52	12.46
287.57	15.13	324.22	14.11	360.75	13.24	397.18	12.44
288.24	15.12	324.88	14.09	361.42	13.18	397.84	12.44
288.90	15.09	325.55	14.08	362.08	13.16	398.50	12.44
289.57	15.07	326.21	14.05	362.74	13.17	399.16	12.44
290.24	15.06	326.88	14.02	363.40	13.16	399.82	12.43
290.91	15.02	327.54	13.98	364.07	13.16	400.48	12.42
291.57	14.95	328.21	13.93	364.73	13.14	401.14	12.40
292.24	14.92	328.87	13.92	365.39	13.14	401.81	12.39
292.91	14.90	329.54	13.88	366.06	13.11	402.47	12.36
293.57	14.88	330.20	13.87	366.72	13.07	403.13	12.34
294.24	14.86	330.87	13.83	367.38	13.05	403.79	12.32
294.91	14.83	331.53	13.82	368.05	13.03	404.45	12.31
295.57	14.83	332.20	13.81	368.71	13.03	405.11	12.28
296.24	14.81	332.86	13.81	369.37	13.01	405.77	12.29
296.91	14.81	333.53	13.80	370.03	12.98	406.43	12.29
297.58	14.77	334.19	13.77	370.70	12.98	407.09	12.27
298.24	14.79	334.86	13.75	371.36	12.95	407.75	12.26
298.91	14.77	335.52	13.65	372.02	12.90	408.41	12.24
299.58	14.76	336.19	13.72	372.69	12.89	409.08	12.24
300.24	14.75	336.85	13.69	373.35	12.87	409.74	12.23
300.91	14.74	337.51	13.69	374.01	12.87	410.40	12.22
301.58	14.70	338.18	13.65	374.67	12.86	411.06	12.22
302.24	14.67	338.84	13.65	375.34	12.85	411.72	12.20
302.91	14.64	339.51	13.63	376.00	12.84	412.38	12.18
303.57	14.63	340.17	13.62	376.66	12.84	413.04	12.16
304.24	14.61	340.84	13.59	377.32	12.85	413.70	12.15
304.91	14.59	341.50	13.59	377.99	12.85	414.36	12.12
305.57	14.58	342.17	13.58	378.65	12.83	415.02	12.10
306.24	14.55	342.83	13.54	379.31	12.83	415.68	12.07
306.91	14.54	343.49	13.48	379.97	12.83	416.34	12.06
307.57	14.56	344.16	13.46	380.63	12.83	417.00	12.02
308.24	14.54	344.82	13.46	381.30	12.80	417.66	12.00
308.90	14.55	345.49	13.45	381.96	12.76	418.32	11.97
309.57	14.56	346.15	13.43	382.62	12.75	418.98	11.96
310.24	14.52	346.81	13.43	383.28	12.74	419.64	11.96
310.90	14.51	347.48	13.42	383.94	12.74	420.30	11.95
311.57	14.50	348.14	13.43	384.61	12.72	420.96	11.95
312.23	14.50	348.81	13.42	385.27	12.70	421.62	11.96
312.90	14.47	349.47	13.41	385.93	12.69	422.28	11.96
313.57	14.47	350.13	13.39	386.59	12.67	422.94	11.94
314.23	14.46	350.80	13.38	387.25	12.67	423.60	11.95
314.90	14.45	351.46	13.35	387.92	12.65	424.26	11.95
315.56	14.43	352.13	13.36	388.58	12.66	424.92	11.93
316.23	14.43	352.79	13.36	389.24	12.64	425.58	11.92
316.90	14.43	353.45	13.35	389.90	12.62	426.24	11.89
317.56	14.42	354.12	13.35	390.56	12.61	426.90	11.88
318.23	14.38	354.78	13.36	391.22	12.59	427.56	11.86
318.89	14.34	355.44	13.34	391.89	12.59	428.22	11.87
319.56	14.31	356.11	13.34	392.55	12.56	428.88	11.83
320.22	14.28	356.77	13.33	393.21	12.53	429.54	11.81
320.89	14.25	357.44	13.31	393.87	12.50	430.20	11.81
321.55	14.22	358.10	13.31	394.53	12.52	430.86	11.78
322.22	14.21	358.76	13.30	395.19	12.50	431.52	11.75

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	11.74	468.38	11.02	504.48	10.35	540.47	10.00
432.83	11.75	469.04	11.01	505.14	10.35	541.13	9.98
433.49	11.72	469.70	11.01	505.79	10.35	541.78	9.98
434.15	11.70	470.36	10.98	506.45	10.33	542.43	9.97
434.81	11.69	471.01	10.99	507.11	10.33	543.09	9.97
435.47	11.66	471.67	10.94	507.76	10.32	543.74	9.94
436.13	11.63	472.33	10.95	508.42	10.31	544.39	9.94
436.79	11.63	472.99	10.91	509.07	10.33	545.05	9.92
437.45	11.61	473.64	10.91	509.73	10.35	545.70	9.90
438.11	11.59	474.30	10.88	510.38	10.36	546.35	9.92
438.77	11.58	474.96	10.86	511.04	10.47	547.01	9.90
439.43	11.56	475.61	10.85	511.69	10.49	547.66	9.90
440.08	11.57	476.27	10.84	512.35	10.49	548.31	9.89
440.74	11.55	476.93	10.80	513.00	10.61	548.96	9.88
441.40	11.52	477.58	10.78	513.66	10.55	549.62	9.87
442.06	11.51	478.24	10.78	514.31	10.54	550.27	9.87
442.72	11.52	478.90	10.76	514.97	10.50	550.92	9.87
443.38	11.50	479.55	10.75	515.62	10.44	551.58	9.85
444.04	11.47	480.21	10.74	516.27	10.41	552.23	9.84
444.70	11.45	480.87	10.75	516.93	10.39	552.88	9.82
445.35	11.43	481.52	10.74	517.58	10.35	553.53	9.83
446.01	11.41	482.18	10.74	518.24	10.32	554.19	9.83
446.67	11.41	482.84	10.73	518.89	10.30	554.84	9.82
447.33	11.40	483.49	10.73	519.55	10.28	555.49	9.83
447.99	11.39	484.15	10.71	520.20	10.27	556.14	9.85
448.65	11.36	484.81	10.69	520.86	10.24	556.80	9.85
449.31	11.37	485.46	10.69	521.51	10.25	557.45	9.87
449.96	11.33	486.12	10.69	522.17	10.25	558.10	9.90
450.62	11.30	486.78	10.67	522.82	10.26	558.75	9.86
451.28	11.27	487.43	10.66	523.47	10.25	559.41	9.85
451.94	11.26	488.09	10.65	524.13	10.24	560.06	9.82
452.60	11.21	488.75	10.64	524.78	10.23	560.71	9.79
453.26	11.23	489.40	10.63	525.44	10.20	561.36	9.77
453.91	11.20	490.06	10.61	526.09	10.19	562.01	9.73
454.57	11.19	490.71	10.59	526.75	10.21	562.67	9.74
455.23	11.19	491.37	10.59	527.40	10.19	563.32	9.73
455.89	11.18	492.03	10.58	528.05	10.20	563.97	9.70
456.55	11.16	492.68	10.57	528.71	10.16	564.62	9.70
457.20	11.16	493.34	10.58	529.36	10.17	565.27	9.70
457.86	11.15	493.99	10.56	530.02	10.14	565.93	9.69
458.52	11.15	494.65	10.54	530.67	10.13	566.58	9.67
459.18	11.15	495.31	10.55	531.32	10.11	567.23	9.67
459.84	11.14	495.96	10.52	531.98	10.11	567.88	9.63
460.49	11.12	496.62	10.50	532.63	10.10	568.53	9.60
461.15	11.11	497.27	10.49	533.28	10.08	569.19	9.60
461.81	11.09	497.93	10.49	533.94	10.09	569.84	9.58
462.47	11.09	498.58	10.48	534.59	10.08	570.49	9.56
463.12	11.07	499.24	10.46	535.25	10.08	571.14	9.54
463.78	11.12	499.90	10.44	535.90	10.08	571.79	9.54
464.44	11.10	500.55	10.43	536.55	10.07	572.44	9.53
465.10	11.08	501.21	10.40	537.21	10.07	573.10	9.50
465.75	11.07	501.86	10.40	537.86	10.05	573.75	9.48
466.41	11.05	502.52	10.39	538.51	10.03	574.40	9.47
467.07	11.06	503.17	10.38	539.17	10.02	575.05	9.47
467.73	11.05	503.83	10.37	539.82	10.00	575.70	9.42
468.38	11.02	504.48	10.35	540.47	10.00	576.35	9.39

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	9.39	612.77	8.92	648.43	8.65	683.98	8.54
577.66	9.36	613.42	8.91	649.08	8.66	684.62	8.52
578.31	9.35	614.07	8.89	649.72	8.65	685.27	8.53
578.96	9.32	614.72	8.88	650.37	8.67	685.91	8.51
579.61	9.32	615.37	8.86	651.02	8.64	686.56	8.51
580.26	9.30	616.02	8.86	651.66	8.66	687.20	8.51
580.91	9.33	616.67	8.84	652.31	8.66	687.85	8.51
581.56	9.32	617.32	8.84	652.96	8.65	688.49	8.52
582.21	9.32	617.96	8.81	653.61	8.64	689.14	8.62
582.86	9.31	618.61	8.83	654.25	8.63	689.78	8.72
583.52	9.33	619.26	8.81	654.90	8.60	690.43	8.79
584.17	9.31	619.91	8.81	655.55	8.59	691.07	9.04
584.82	9.28	620.56	8.82	656.19	8.58	691.72	9.07
585.47	9.27	621.21	8.82	656.84	8.59	692.36	9.06
586.12	9.25	621.86	8.81	657.49	8.56	693.01	9.06
586.77	9.23	622.51	8.83	658.13	8.58	693.65	9.06
587.42	9.22	623.16	8.83	658.78	8.57	694.30	9.03
588.07	9.20	623.80	8.83	659.43	8.59	694.94	9.01
588.72	9.17	624.45	8.82	660.07	8.58	695.59	8.98
589.37	9.16	625.10	8.82	660.72	8.59	696.23	8.95
590.02	9.15	625.75	8.82	661.37	8.58	696.87	8.93
590.67	9.13	626.40	8.81	662.01	8.62	697.52	8.93
591.32	9.12	627.05	8.79	662.66	8.62	698.16	8.93
591.97	9.12	627.70	8.81	663.31	8.62	698.81	8.91
592.63	9.12	628.34	8.80	663.95	8.59	699.45	8.89
593.28	9.10	628.99	8.80	664.60	8.59	700.10	8.89
593.93	9.10	629.64	8.80	665.25	8.58	700.74	8.87
594.58	9.09	630.29	8.82	665.89	8.59	701.39	8.87
595.23	9.08	630.94	8.80	666.54	8.57	702.03	8.86
595.88	9.04	631.59	8.80	667.19	8.56	702.67	8.85
596.53	9.04	632.23	8.79	667.83	8.55	703.32	8.83
597.18	9.02	632.88	8.79	668.48	8.55	703.96	8.81
597.83	9.02	633.53	8.78	669.12	8.55	704.61	8.82
598.48	8.97	634.18	8.76	669.77	8.54	705.25	8.79
599.13	8.98	634.83	8.76	670.42	8.53	705.90	8.77
599.78	8.99	635.48	8.78	671.06	8.51	706.54	8.79
600.43	8.96	636.12	8.77	671.71	8.53	707.18	8.78
601.08	8.93	636.77	8.75	672.35	8.52	707.83	8.77
601.73	8.94	637.42	8.74	673.00	8.50	708.47	8.72
602.38	8.91	638.07	8.74	673.65	8.50	709.11	8.72
603.03	8.92	638.71	8.73	674.29	8.48	709.76	8.69
603.68	8.93	639.36	8.72	674.94	8.49	710.40	8.68
604.33	8.92	640.01	8.72	675.58	8.49	711.05	8.67
604.98	8.95	640.66	8.72	676.23	8.50	711.69	8.67
605.63	8.94	641.31	8.71	676.88	8.50	712.33	8.70
606.28	8.91	641.95	8.73	677.52	8.49	712.98	8.72
606.93	8.91	642.60	8.73	678.17	8.50	713.62	8.67
607.58	8.91	643.25	8.69	678.81	8.50	714.26	8.67
608.23	8.90	643.90	8.70	679.46	8.49	714.91	8.67
608.88	8.92	644.54	8.70	680.10	8.49	715.55	8.66
609.52	8.91	645.19	8.70	680.75	8.51	716.20	8.65
610.17	8.90	645.84	8.68	681.39	8.51	716.84	8.63
610.82	8.91	646.49	8.68	682.04	8.50	717.48	8.62
611.47	8.91	647.13	8.67	682.68	8.54	718.13	8.64
612.12	8.93	647.78	8.67	683.33	8.52	718.77	8.64
612.77	8.92	648.43	8.65	683.98	8.54	719.41	8.63

Cruise: 91602  
 Date: 03-06-1991  
 Time: 09:08:41 GMT  
 Lat: 25 28.50 N  
 Lon: 93 52.10 W  
 Stn. 31

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	23.53	68.78	23.50	102.69	22.73
		35.46	23.51	69.46	23.51	103.37	22.67
2.05	23.73	36.14	23.53	70.14	23.51	104.04	22.64
2.73	23.72	36.82	23.51	70.81	23.52	104.72	22.63
3.41	23.67	37.50	23.52	71.49	23.52	105.40	22.59
4.10	23.68	38.18	23.51	72.17	23.52	106.07	22.55
4.78	23.73	38.86	23.52	72.85	23.53	106.75	22.49
5.46	23.74	39.54	23.52	73.53	23.52	107.43	22.53
6.14	23.69	40.22	23.52	74.21	23.53	108.11	22.56
6.83	23.63	40.90	23.52	74.89	23.51	108.78	22.53
7.51	23.47	41.58	23.52	75.57	23.51	109.46	22.45
8.19	23.57	42.26	23.52	76.25	23.53	110.14	22.37
8.87	23.51	42.94	23.52	76.92	23.51	110.81	22.32
9.56	23.54	43.62	23.51	77.60	23.50	111.49	22.24
10.24	23.58	44.31	23.52	78.28	23.51	112.17	22.17
10.92	23.57	44.99	23.51	78.96	23.51	112.84	22.08
11.60	23.59	45.67	23.51	79.64	23.53	113.52	21.96
12.28	23.59	46.35	23.52	80.32	23.53	114.20	21.85
12.97	23.58	47.03	23.52	81.00	23.52	114.87	21.75
13.65	23.58	47.71	23.51	81.67	23.52	115.55	21.59
14.33	23.58	48.39	23.51	82.35	23.52	116.23	21.36
15.01	23.55	49.07	23.52	83.03	23.51	116.90	21.24
15.69	23.58	49.75	23.52	83.71	23.51	117.58	21.17
16.38	23.58	50.43	23.52	84.39	23.51	118.26	21.13
17.06	23.57	51.11	23.53	85.07	23.52	118.93	21.08
17.74	23.58	51.79	23.53	85.74	23.52	119.61	21.01
18.42	23.56	52.47	23.53	86.42	23.50	120.29	20.96
19.10	23.57	53.15	23.52	87.10	23.49	120.96	20.92
19.79	23.57	53.83	23.52	87.78	23.50	121.64	20.87
20.47	23.58	54.51	23.51	88.46	23.50	122.31	20.82
21.15	23.56	55.19	23.51	89.13	23.51	122.99	20.79
21.83	23.56	55.87	23.52	89.81	23.51	123.67	20.71
22.51	23.58	56.55	23.51	90.49	23.51	124.34	20.65
23.19	23.55	57.23	23.52	91.17	23.50	125.02	20.58
23.88	23.55	57.91	23.52	91.85	23.51	125.70	20.48
24.56	23.55	58.59	23.51	92.52	23.51	126.37	20.41
25.24	23.53	59.27	23.52	93.20	23.49	127.05	20.37
25.92	23.55	59.95	23.50	93.88	23.48	127.72	20.34
26.60	23.53	60.63	23.50	94.56	23.48	128.40	20.31
27.28	23.53	61.30	23.51	95.24	23.48	129.07	20.25
27.96	23.53	61.98	23.52	95.91	23.46	129.75	20.21
28.65	23.53	62.66	23.50	96.59	23.44	130.43	20.19
29.33	23.53	63.34	23.51	97.27	23.43	131.10	20.16
30.01	23.52	64.02	23.52	97.95	23.42	131.78	20.09
30.69	23.51	64.70	23.51	98.62	23.40	132.45	20.05
31.37	23.53	65.38	23.52	99.30	23.30	133.13	20.00
32.05	23.53	66.06	23.53	99.98	23.12	133.81	19.95
32.73	23.52	66.74	23.53	100.66	23.00	134.48	19.89
33.41	23.53	67.42	23.51	101.33	22.89	135.16	19.86
34.09	23.52	68.10	23.51	102.01	22.81	135.83	19.83
34.78	23.53	68.78	23.50	102.69	22.73	136.51	19.81

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	19.72	174.28	17.95	211.26	16.07	248.14	14.45
137.86	19.60	174.95	17.95	211.93	16.05	248.81	14.44
138.53	19.49	175.62	17.94	212.60	15.98	249.48	14.41
139.21	19.40	176.30	17.94	213.28	15.89	250.14	14.39
139.88	19.35	176.97	17.93	213.95	15.85	250.81	14.34
140.56	19.31	177.64	17.87	214.62	15.84	251.48	14.30
141.23	19.27	178.32	17.83	215.29	15.82	252.15	14.26
141.91	19.27	178.99	17.82	215.96	15.80	252.82	14.25
142.59	19.25	179.66	17.78	216.63	15.78	253.49	14.23
143.26	19.26	180.34	17.74	217.30	15.77	254.16	14.22
143.94	19.24	181.01	17.66	217.97	15.73	254.83	14.23
144.61	19.22	181.68	17.61	218.65	15.65	255.50	14.21
145.29	19.21	182.36	17.57	219.32	15.60	256.17	14.19
145.96	19.20	183.03	17.52	219.99	15.57	256.84	14.15
146.64	19.18	183.70	17.50	220.66	15.55	257.50	14.13
147.31	19.19	184.38	17.47	221.33	15.53	258.17	14.13
147.99	19.19	185.05	17.46	222.00	15.48	258.84	14.14
148.66	19.17	185.72	17.46	222.67	15.42	259.51	14.13
149.34	19.15	186.39	17.46	223.34	15.39	260.18	14.12
150.01	19.11	187.07	17.42	224.01	15.35	260.85	14.11
150.68	19.06	187.74	17.39	224.68	15.34	261.52	14.09
151.36	19.03	188.41	17.35	225.35	15.31	262.19	14.07
152.03	18.98	189.08	17.31	226.02	15.28	262.86	14.06
152.71	18.89	189.76	17.27	226.70	15.25	263.52	14.03
153.38	18.83	190.43	17.23	227.37	15.22	264.19	14.01
154.06	18.78	191.10	17.18	228.04	15.19	264.86	13.99
154.73	18.75	191.77	17.11	228.71	15.15	265.53	13.99
155.41	18.73	192.45	17.06	229.38	15.10	266.20	13.98
156.08	18.70	193.12	17.02	230.05	15.07	266.87	13.97
156.76	18.67	193.79	16.99	230.72	15.01	267.53	13.96
157.43	18.61	194.46	16.97	231.39	14.98	268.20	13.96
158.10	18.57	195.14	16.94	232.06	14.94	268.87	13.96
158.78	18.54	195.81	16.91	232.73	14.91	269.54	13.93
159.45	18.52	196.48	16.88	233.40	14.91	270.21	13.92
160.13	18.47	197.15	16.84	234.07	14.90	270.88	13.90
160.80	18.47	197.83	16.80	234.74	14.88	271.54	13.86
161.48	18.44	198.50	16.75	235.41	14.87	272.21	13.84
162.15	18.44	199.17	16.66	236.08	14.84	272.88	13.83
162.82	18.41	199.84	16.61	236.75	14.84	273.55	13.81
163.50	18.39	200.51	16.58	237.42	14.79	274.22	13.80
164.17	18.35	201.19	16.55	238.09	14.78	274.88	13.80
164.85	18.29	201.86	16.52	238.76	14.76	275.55	13.77
165.52	18.29	202.53	16.52	239.43	14.74	276.22	13.75
166.19	18.27	203.20	16.51	240.10	14.74	276.89	13.72
166.87	18.27	203.87	16.49	240.77	14.73	277.56	13.70
167.54	18.25	204.55	16.45	241.44	14.69	278.22	13.66
168.22	18.22	205.22	16.42	242.11	14.68	278.89	13.59
168.89	18.18	205.89	16.38	242.78	14.65	279.56	13.57
169.56	18.18	206.56	16.35	243.45	14.63	280.23	13.54
170.24	18.15	207.23	16.30	244.12	14.59	280.90	13.52
170.91	18.08	207.90	16.29	244.79	14.59	281.56	13.50
171.58	18.01	208.58	16.26	245.46	14.57	282.23	13.45
172.26	17.98	209.25	16.22	246.13	14.57	282.90	13.43
172.93	17.96	209.92	16.17	246.80	14.54	283.57	13.41
173.60	17.96	210.59	16.10	247.47	14.50	284.23	13.39
174.28	17.95	211.26	16.07	248.14	14.45	284.90	13.38

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	13.37	322.22	12.47	358.76	11.42	395.19	10.83
286.24	13.36	322.89	12.47	359.43	11.39	395.86	10.83
286.90	13.36	323.55	12.44	360.09	11.38	396.52	10.82
287.57	13.32	324.22	12.41	360.75	11.38	397.18	10.80
288.24	13.28	324.88	12.39	361.42	11.37	397.84	10.80
288.90	13.27	325.55	12.35	362.08	11.35	398.50	10.81
289.57	13.23	326.21	12.32	362.74	11.36	399.16	10.80
290.24	13.20	326.88	12.30	363.40	11.35	399.82	10.79
290.91	13.19	327.54	12.28	364.07	11.33	400.48	10.79
291.57	13.16	328.21	12.27	364.73	11.32	401.14	10.78
292.24	13.16	328.87	12.25	365.39	11.32	401.81	10.77
292.91	13.16	329.54	12.24	366.06	11.31	402.47	10.76
293.57	13.14	330.20	12.22	366.72	11.25	403.13	10.76
294.24	13.13	330.87	12.19	367.38	11.25	403.79	10.77
294.91	13.12	331.53	12.17	368.05	11.25	404.45	10.74
295.57	13.07	332.20	12.16	368.71	11.23	405.11	10.73
296.24	13.04	332.86	12.13	369.37	11.22	405.77	10.72
296.91	13.03	333.53	12.13	370.03	11.20	406.43	10.73
297.58	12.99	334.19	12.11	370.70	11.20	407.09	10.71
298.24	12.99	334.86	12.10	371.36	11.18	407.75	10.70
298.91	12.97	335.52	12.08	372.02	11.16	408.41	10.70
299.58	12.97	336.19	12.06	372.69	11.14	409.08	10.70
300.24	12.96	336.85	12.04	373.35	11.13	409.74	10.70
300.91	12.95	337.51	12.01	374.01	11.13	410.40	10.68
301.58	12.93	338.18	11.97	374.67	11.12	411.06	10.69
302.24	12.95	338.84	11.95	375.34	11.11	411.72	10.69
302.91	12.96	339.51	11.90	376.00	11.09	412.38	10.66
303.57	12.93	340.17	11.89	376.66	11.06	413.04	10.68
304.24	12.89	340.84	11.86	377.32	11.06	413.70	10.67
304.91	12.87	341.50	11.86	377.99	11.04	414.36	10.68
305.57	12.87	342.17	11.83	378.65	11.03	415.02	10.67
306.24	12.85	342.83	11.81	379.31	11.01	415.68	10.66
306.91	12.83	343.49	11.79	379.97	11.02	416.34	10.66
307.57	12.81	344.16	11.76	380.63	11.00	417.00	10.65
308.24	12.79	344.82	11.72	381.30	11.00	417.66	10.62
308.90	12.78	345.49	11.70	381.96	11.02	418.32	10.62
309.57	12.77	346.15	11.68	382.62	11.01	418.98	10.62
310.24	12.75	346.81	11.68	383.28	11.00	419.64	10.60
310.90	12.74	347.48	11.68	383.94	10.99	420.30	10.59
311.57	12.73	348.14	11.65	384.61	10.98	420.96	10.59
312.23	12.70	348.81	11.64	385.27	10.97	421.62	10.60
312.90	12.66	349.47	11.63	385.93	10.96	422.28	10.58
313.57	12.64	350.13	11.61	386.59	10.97	422.94	10.57
314.23	12.62	350.80	11.60	387.25	10.96	423.60	10.59
314.90	12.61	351.46	11.59	387.92	10.94	424.26	10.57
315.56	12.59	352.13	11.57	388.58	10.93	424.92	10.55
316.23	12.59	352.79	11.55	389.24	10.92	425.58	10.53
316.90	12.58	353.45	11.55	389.90	10.91	426.24	10.53
317.56	12.59	354.12	11.55	390.56	10.89	426.90	10.52
318.23	12.55	354.78	11.53	391.22	10.90	427.56	10.50
318.89	12.55	355.44	11.52	391.89	10.89	428.22	10.49
319.56	12.53	356.11	11.50	392.55	10.86	428.88	10.48
320.22	12.50	356.77	11.48	393.21	10.86	429.54	10.47
320.89	12.48	357.44	11.46	393.87	10.84	430.20	10.47
321.55	12.47	358.10	11.46	394.53	10.84	430.86	10.45
322.22	12.47	358.76	11.42	395.19	10.83	431.52	10.43



Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	10.44	468.38	10.03	504.48	9.39	540.47	8.63
432.83	10.43	469.04	10.00	505.14	9.40	541.13	8.63
433.49	10.44	469.70	9.98	505.79	9.39	541.78	8.63
434.15	10.42	470.36	9.97	506.45	9.36	542.43	8.63
434.81	10.41	471.01	9.96	507.11	9.36	543.09	8.63
435.47	10.42	471.67	9.94	507.76	9.35	543.74	8.63
436.13	10.40	472.33	9.95	508.42	9.33	544.39	8.63
436.79	10.39	472.99	9.94	509.07	9.31	545.05	8.63
437.45	10.38	473.64	9.93	509.73	9.27	545.70	8.63
438.11	10.38	474.30	9.92	510.38	9.24	546.35	8.56
438.77	10.36	474.96	9.91	511.04	9.22	547.01	8.55
439.43	10.35	475.61	9.89	511.69	9.19	547.66	8.55
440.08	10.34	476.27	9.90	512.35	9.18	548.31	8.55
440.74	10.34	476.93	9.87	513.00	9.16	548.96	8.55
441.40	10.34	477.58	9.86	513.66	9.15	549.62	8.49
442.06	10.33	478.24	9.84	514.31	9.12	550.27	8.51
442.72	10.32	478.90	9.85	514.97	9.11	550.92	8.50
443.38	10.32	479.55	9.80	515.62	9.10	551.58	8.48
444.04	10.32	480.21	9.78	516.27	9.10	552.23	8.47
444.70	10.32	480.87	9.78	516.93	9.09	552.88	8.46
445.35	10.31	481.52	9.78	517.58	9.09	553.53	8.43
446.01	10.30	482.18	9.74	518.24	9.08	554.19	8.42
446.67	10.30	482.84	9.76	518.89	9.08	554.84	8.42
447.33	10.30	483.49	9.73	519.55	9.07	555.49	8.42
447.99	10.29	484.15	9.73	520.20	9.06	556.14	8.42
448.65	10.30	484.81	9.70	520.86	9.07	556.80	8.39
449.31	10.29	485.46	9.67	521.51	9.06	557.45	8.36
449.96	10.28	486.12	9.63	522.17	9.04	558.10	8.37
450.62	10.26	486.78	9.61	522.82	9.03	558.75	8.33
451.28	10.26	487.43	9.57	523.47	9.01	559.41	8.33
451.94	10.25	488.09	9.56	524.13	9.00	560.06	8.31
452.60	10.24	488.75	9.54	524.78	9.00	560.71	8.30
453.26	10.24	489.40	9.54	525.44	8.97	561.36	8.27
453.91	10.23	490.06	9.53	526.09	8.93	562.01	8.28
454.57	10.23	490.71	9.54	526.75	8.93	562.67	8.25
455.23	10.23	491.37	9.52	527.40	8.91	563.32	8.27
455.89	10.21	492.03	9.53	528.05	8.91	563.97	8.25
456.55	10.21	492.68	9.52	528.71	8.88	564.62	8.24
457.20	10.21	493.34	9.52	529.36	8.87	565.27	8.22
457.86	10.19	493.99	9.50	530.02	8.85	565.93	8.22
458.52	10.18	494.65	9.50	530.67	8.83	566.58	8.21
459.18	10.15	495.31	9.49	531.32	8.82	567.23	8.19
459.84	10.16	495.96	9.47	531.98	8.81	567.88	8.17
460.49	10.14	496.62	9.48	532.63	8.79	568.53	8.17
461.15	10.13	497.27	9.48	533.28	8.80	569.19	8.17
461.81	10.14	497.93	9.48	533.94	8.79	569.84	8.16
462.47	10.12	498.58	9.48	534.59	8.77	570.49	8.16
463.12	10.13	499.24	9.47	535.25	8.75	571.14	8.17
463.78	10.12	499.90	9.47	535.90	8.74	571.79	8.15
464.44	10.11	500.55	9.46	536.55	8.73	572.44	8.14
465.10	10.11	501.21	9.45	537.21	8.71	573.10	8.15
465.75	10.10	501.86	9.44	537.86	8.69	573.75	8.14
466.41	10.09	502.52	9.44	538.51	8.69	574.40	8.13
467.07	10.08	503.17	9.43	539.17	8.67	575.05	8.13
467.73	10.06	503.83	9.41	539.82	8.67	575.70	8.13
468.38	10.03	504.48	9.39	540.47	8.63	576.35	8.11

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	8.10	612.77	7.75	648.43	7.39	683.98	7.09
577.66	8.09	613.42	7.74	649.08	7.38	684.62	7.07
578.31	8.09	614.07	7.74	649.72	7.36	685.27	7.07
578.96	8.08	614.72	7.75	650.37	7.35	685.91	7.07
579.61	8.06	615.37	7.72	651.02	7.35	686.56	7.06
580.26	8.04	616.02	7.73	651.66	7.35	687.20	7.08
580.91	8.04	616.67	7.70	652.31	7.34	687.85	7.06
581.56	8.04	617.32	7.69	652.96	7.34	688.49	7.07
582.21	8.03	617.96	7.69	653.61	7.33	689.14	7.07
582.86	8.03	618.61	7.66	654.25	7.32	689.78	7.06
583.52	8.01	619.26	7.65	654.90	7.32	690.43	7.06
584.17	8.01	619.91	7.65	655.55	7.31	691.07	7.06
584.82	8.03	620.56	7.63	656.19	7.31	691.72	7.04
585.47	8.01	621.21	7.63	656.84	7.30	692.36	7.04
586.12	8.02	621.86	7.64	657.49	7.31	693.01	7.05
586.77	7.99	622.51	7.62	658.13	7.30	693.65	7.04
587.42	8.01	623.16	7.62	658.78	7.30	694.30	7.03
588.07	8.00	623.80	7.61	659.43	7.29	694.94	7.03
588.72	7.99	624.45	7.62	660.07	7.28	695.59	7.03
589.37	7.98	625.10	7.61	660.72	7.26	696.23	7.01
590.02	8.00	625.75	7.59	661.37	7.26	696.87	7.01
590.67	7.99	626.40	7.59	662.01	7.26	697.52	7.01
591.32	7.97	627.05	7.58	662.66	7.25	698.16	6.99
591.97	7.97	627.70	7.57	663.31	7.25	698.81	7.00
592.63	7.98	628.34	7.56	663.95	7.24	699.45	6.99
593.28	7.96	628.99	7.56	664.60	7.24	700.10	6.99
593.93	7.96	629.64	7.54	665.25	7.25	700.74	6.99
594.58	7.96	630.29	7.54	665.89	7.23	701.39	6.97
595.23	7.94	630.94	7.55	666.54	7.24	702.03	6.97
595.88	7.93	631.59	7.54	667.19	7.23	702.67	6.96
596.53	7.92	632.23	7.52	667.83	7.24	703.32	6.94
597.18	7.93	632.88	7.53	668.48	7.23	703.96	6.95
597.83	7.91	633.53	7.50	669.12	7.22	704.61	6.93
598.48	7.89	634.18	7.49	669.77	7.20	705.25	6.92
599.13	7.89	634.83	7.49	670.42	7.20	705.90	6.92
599.78	7.86	635.48	7.49	671.06	7.19	706.54	6.93
600.43	7.85	636.12	7.49	671.71	7.18	707.18	6.92
601.08	7.83	636.77	7.49	672.35	7.19	707.83	6.91
601.73	7.82	637.42	7.49	673.00	7.20	708.47	6.92
602.38	7.81	638.07	7.49	673.65	7.19	709.11	6.91
603.03	7.80	638.71	7.48	674.29	7.18	709.76	6.91
603.68	7.80	639.36	7.48	674.94	7.16	710.40	6.89
604.33	7.80	640.01	7.46	675.58	7.16	711.05	6.90
604.98	7.78	640.66	7.45	676.23	7.14	711.69	6.88
605.63	7.79	641.31	7.45	676.88	7.14	712.33	6.88
606.28	7.80	641.95	7.45	677.52	7.13	712.98	6.87
606.93	7.78	642.60	7.45	678.17	7.15	713.62	6.88
607.58	7.80	643.25	7.44	678.81	7.14	714.26	6.86
608.23	7.77	643.90	7.42	679.46	7.13	714.91	6.86
608.88	7.78	644.54	7.42	680.10	7.12	715.55	6.86
609.52	7.76	645.19	7.41	680.75	7.12	716.20	6.84
610.17	7.76	645.84	7.41	681.39	7.09	716.84	6.83
610.82	7.77	646.49	7.40	682.04	7.09	717.48	6.82
611.47	7.75	647.13	7.39	682.68	7.08	718.13	6.83
612.12	7.76	647.78	7.39	683.33	7.08	718.77	6.82
612.77	7.75	648.43	7.39	683.98	7.09	719.41	6.81

Cruise: 91G02  
 Date: 03-06-1991  
 Time: 11:13:59 GMT  
 Lat: 25 49.93 N  
 Lon: 93 52.40 W  
 Stn. 32

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	23.29	68.78	23.26	102.69	20.87
		35.46	23.28	69.46	23.26	103.37	20.89
		36.14	23.27	70.14	23.26	104.04	20.92
2.73	23.31	36.82	23.27	70.81	23.26	104.72	20.93
3.41	23.35	37.50	23.26	71.49	23.27	105.40	20.94
4.10	23.35	38.18	23.28	72.17	23.27	106.07	20.92
4.78	23.36	38.86	23.28	72.85	23.26	106.75	20.88
5.46	23.40	39.54	23.28	73.53	23.26	107.43	20.86
6.14	23.40	40.22	23.27	74.21	23.26	108.11	20.83
6.83	23.40	40.90	23.28	74.89	23.27	108.78	20.80
7.51	23.41	41.58	23.28	75.57	23.26	109.46	20.76
8.19	23.39	42.26	23.28	76.25	23.26	110.14	20.74
8.87	23.38	42.94	23.28	76.92	23.27	110.81	20.71
9.56	23.38	43.62	23.28	77.60	23.20	111.49	20.69
10.24	23.35	44.31	23.26	78.28	22.99	112.17	20.66
10.92	23.36	44.99	23.27	78.96	22.77	112.84	20.64
11.60	23.36	45.67	23.28	79.64	22.54	113.52	20.57
12.28	23.35	46.35	23.27	80.32	22.35	114.20	20.55
12.97	23.36	47.03	23.28	81.00	22.05	114.87	20.53
13.65	23.34	47.71	23.28	81.67	21.72	115.55	20.52
14.33	23.32	48.39	23.27	82.35	21.49	116.23	20.50
15.01	23.34	49.07	23.26	83.03	21.29	116.90	20.47
15.69	23.33	49.75	23.27	83.71	21.12	117.58	20.40
16.38	23.32	50.43	23.27	84.39	20.96	118.26	20.32
17.06	23.31	51.11	23.28	85.07	20.86	118.93	20.31
17.74	23.31	51.79	23.27	85.74	20.82	119.61	20.30
18.42	23.31	52.47	23.26	86.42	20.80	120.29	20.24
19.10	23.30	53.15	23.26	87.10	20.77	120.96	20.17
19.79	23.29	53.83	23.26	87.78	20.72	121.64	20.00
20.47	23.32	54.51	23.26	88.46	20.66	122.31	19.82
21.15	23.31	55.19	23.27	89.13	20.64	122.99	19.73
21.83	23.30	55.87	23.26	89.81	20.63	123.67	19.68
22.51	23.31	56.55	23.27	90.49	20.65	124.34	19.68
23.19	23.30	57.23	23.26	91.17	20.69	125.02	19.71
23.88	23.28	57.91	23.26	91.85	20.78	125.70	19.78
24.56	23.30	58.59	23.26	92.52	20.82	126.37	19.82
25.24	23.31	59.27	23.26	93.20	20.83	127.05	19.83
25.92	23.29	59.95	23.26	93.88	20.85	127.72	19.82
26.60	23.28	60.63	23.27	94.56	20.86	128.40	19.80
27.28	23.29	61.30	23.27	95.24	20.86	129.07	19.77
27.96	23.30	61.98	23.26	95.91	20.86	129.75	19.76
28.65	23.29	62.66	23.26	96.59	20.86	130.43	19.73
29.33	23.28	63.34	23.27	97.27	20.86	131.10	19.70
30.01	23.27	64.02	23.27	97.95	20.86	131.78	19.67
30.69	23.30	64.70	23.27	98.62	20.85	132.45	19.64
31.37	23.29	65.38	23.26	99.30	20.86	133.13	19.64
32.05	23.30	66.06	23.26	99.98	20.85	133.81	19.62
32.73	23.29	66.74	23.26	100.66	20.86	134.48	19.60
33.41	23.29	67.42	23.26	101.33	20.86	135.16	19.53
34.09	23.28	68.10	23.27	102.01	20.87	135.83	19.49
34.78	23.29	68.78	23.26	102.69	20.87	136.51	19.44

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	19.37	174.28	17.71	211.26	16.13	248.14	14.89
137.86	19.31	174.95	17.69	211.93	16.11	248.81	14.89
138.53	19.29	175.62	17.67	212.60	16.08	249.48	14.89
139.21	19.28	176.30	17.66	213.28	16.04	250.14	14.79
139.88	19.25	176.97	17.64	213.95	16.03	250.81	14.79
140.56	19.21	177.64	17.63	214.62	16.02	251.48	14.79
141.23	19.13	178.32	17.61	215.29	16.01	252.15	14.69
141.91	19.10	178.99	17.58	215.96	16.00	252.82	14.69
142.59	19.04	179.66	17.57	216.63	15.97	253.49	14.69
143.26	18.98	180.34	17.55	217.30	16.00	254.16	14.69
143.94	18.95	181.01	17.53	217.97	15.98	254.83	14.69
144.61	18.94	181.68	17.50	218.65	15.92	255.50	14.59
145.29	18.91	182.36	17.50	219.32	15.90	256.17	14.59
145.96	18.90	183.03	17.47	219.99	15.88	256.84	14.59
146.64	18.86	183.70	17.43	220.66	15.85	257.50	14.49
147.31	18.84	184.38	17.40	221.33	15.84	258.17	14.49
147.99	18.79	185.05	17.38	222.00	15.80	258.84	14.39
148.66	18.74	185.72	17.35	222.67	15.78	259.51	14.39
149.34	18.70	186.39	17.33	223.34	15.74	260.18	14.39
150.01	18.67	187.07	17.30	224.01	15.72	260.85	14.39
150.68	18.64	187.74	17.24	224.68	15.69	261.52	14.39
151.36	18.61	188.41	17.19	225.35	15.68	262.19	14.29
152.03	18.55	189.08	17.13	226.02	15.67	262.86	14.29
152.71	18.50	189.76	17.09	226.70	15.63	263.52	14.29
153.38	18.48	190.43	17.09	227.37	15.59	264.19	14.19
154.06	18.47	191.10	17.08	228.04	15.56	264.86	14.19
154.73	18.45	191.77	17.06	228.71	15.52	265.53	14.19
155.41	18.42	192.45	17.06	229.38	15.49	266.20	14.19
156.08	18.39	193.12	16.99	230.05	15.46	266.87	14.19
156.76	18.37	193.79	16.94	230.72	15.44	267.53	14.09
157.43	18.34	194.46	16.89	231.39	15.40	268.20	14.09
158.10	18.34	195.14	16.83	232.06	15.38	268.87	14.09
158.78	18.33	195.81	16.81	232.73	15.36	269.54	14.09
159.45	18.33	196.48	16.75	233.40	15.31	270.21	14.09
160.13	18.31	197.15	16.71	234.07	15.27	270.88	14.09
160.80	18.28	197.83	16.68	234.74	15.25	271.54	14.09
161.48	18.27	198.50	16.67	235.41	15.24	272.21	13.99
162.15	18.28	199.17	16.62	236.08	15.22	272.88	13.99
162.82	18.27	199.84	16.58	236.75	15.23	273.55	13.99
163.50	18.21	200.51	16.52	237.42	15.21	274.22	13.89
164.17	18.18	201.19	16.49	238.09	15.20	274.88	13.89
164.85	18.15	201.86	16.44	238.76	15.18	275.55	13.89
165.52	18.10	202.53	16.41	239.43	15.17	276.22	13.89
166.19	18.08	203.20	16.38	240.10	15.16	276.89	13.89
166.87	18.07	203.87	16.36	240.77	15.15	277.56	13.89
167.54	18.05	204.55	16.36	241.44	15.10	278.22	13.79
168.22	18.00	205.22	16.33	242.11	15.06	278.89	13.79
168.89	17.95	205.89	16.32	242.78	15.02	279.56	13.79
169.56	17.90	206.56	16.29	243.45	15.01	280.23	13.69
170.24	17.86	207.23	16.28	244.12	14.97	280.90	13.69
170.91	17.85	207.90	16.26	244.79	14.95	281.56	13.69
171.58	17.83	208.58	16.23	245.46	14.96	282.23	13.69
172.26	17.80	209.25	16.20	246.13	14.94	282.90	13.69
172.93	17.76	209.92	16.17	246.80	14.93	283.57	13.59
173.60	17.73	210.59	16.13	247.47	14.92	284.23	13.59
174.28	17.71	211.26	16.13	248.14	14.89	284.90	13.59

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	13.56	322.22	12.57	358.76	11.90	395.19	10.88
286.24	13.55	322.89	12.56	359.43	11.86	395.86	10.88
286.90	13.57	323.55	12.55	360.09	11.84	396.52	10.87
287.57	13.55	324.22	12.53	360.75	11.81	397.18	10.87
288.24	13.52	324.88	12.53	361.42	11.80	397.84	10.86
288.90	13.49	325.55	12.52	362.08	11.79	398.50	10.83
289.57	13.47	326.21	12.52	362.74	11.78	399.16	10.82
290.24	13.45	326.88	12.50	363.40	11.77	399.82	10.79
290.91	13.40	327.54	12.50	364.07	11.75	400.48	10.77
291.57	13.38	328.21	12.50	364.73	11.73	401.14	10.74
292.24	13.35	328.87	12.48	365.39	11.70	401.81	10.72
292.91	13.35	329.54	12.45	366.06	11.68	402.47	10.71
293.57	13.32	330.20	12.45	366.72	11.65	403.13	10.72
294.24	13.31	330.87	12.43	367.38	11.65	403.79	10.70
294.91	13.31	331.53	12.43	368.05	11.63	404.45	10.70
295.57	13.26	332.20	12.41	368.71	11.64	405.11	10.71
296.24	13.23	332.86	12.41	369.37	11.61	405.77	10.69
296.91	13.21	333.53	12.40	370.03	11.59	406.43	10.68
297.58	13.19	334.19	12.39	370.70	11.57	407.09	10.70
298.24	13.17	334.86	12.39	371.36	11.55	407.75	10.70
298.91	13.13	335.52	12.38	372.02	11.53	408.41	10.70
299.58	13.11	336.19	12.37	372.69	11.52	409.08	10.70
300.24	13.09	336.85	12.35	373.35	11.52	409.74	10.69
300.91	13.07	337.51	12.34	374.01	11.48	410.40	10.69
301.58	13.03	338.18	12.33	374.67	11.44	411.06	10.68
302.24	13.02	338.84	12.32	375.34	11.40	411.72	10.67
302.91	12.99	339.51	12.31	376.00	11.38	412.38	10.67
303.57	12.97	340.17	12.29	376.66	11.36	413.04	10.65
304.24	12.95	340.84	12.28	377.32	11.36	413.70	10.64
304.91	12.95	341.50	12.27	377.99	11.35	414.36	10.63
305.57	12.94	342.17	12.26	378.65	11.32	415.02	10.63
306.24	12.92	342.83	12.25	379.31	11.31	415.68	10.59
306.91	12.94	343.49	12.24	379.97	11.28	416.34	10.60
307.57	12.91	344.16	12.21	380.63	11.25	417.00	10.57
308.24	12.88	344.82	12.21	381.30	11.23	417.66	10.57
308.90	12.87	345.49	12.19	381.96	11.21	418.32	10.55
309.57	12.86	346.15	12.17	382.62	11.18	418.98	10.56
310.24	12.84	346.81	12.16	383.28	11.13	419.64	10.52
310.90	12.83	347.48	12.12	383.94	11.10	420.30	10.51
311.57	12.83	348.14	12.12	384.61	11.10	420.96	10.50
312.23	12.79	348.81	12.10	385.27	11.08	421.62	10.48
312.90	12.78	349.47	12.10	385.93	11.08	422.28	10.48
313.57	12.77	350.13	12.09	386.59	11.09	422.94	10.45
314.23	12.76	350.80	12.08	387.25	11.07	423.60	10.43
314.90	12.76	351.46	12.06	387.92	11.05	424.26	10.40
315.56	12.74	352.13	12.04	388.58	11.04	424.92	10.39
316.23	12.72	352.79	12.03	389.24	11.00	425.58	10.37
316.90	12.70	353.45	12.02	389.90	10.97	426.24	10.37
317.56	12.69	354.12	12.00	390.56	10.95	426.90	10.35
318.23	12.68	354.78	12.00	391.22	10.94	427.56	10.35
318.89	12.65	355.44	11.99	391.89	10.93	428.22	10.34
319.56	12.61	356.11	11.98	392.55	10.91	428.88	10.32
320.22	12.59	356.77	11.97	393.21	10.91	429.54	10.32
320.89	12.58	357.44	11.94	393.87	10.89	430.20	10.30
321.55	12.58	358.10	11.93	394.53	10.88	430.86	10.30
322.22	12.57	358.76	11.90	395.19	10.88	431.52	10.30

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	10.28	468.38	9.82	504.48	9.14	540.47	8.6
432.83	10.26	469.04	9.82	505.14	9.13	541.13	8.6
433.49	10.27	469.70	9.82	505.79	9.12	541.78	8.6
434.15	10.26	470.36	9.81	506.45	9.09	542.43	8.6
434.81	10.26	471.01	9.80	507.11	9.08	543.09	8.6
435.47	10.27	471.67	9.77	507.76	9.07	543.74	8.6
436.13	10.27	472.33	9.76	508.42	9.06	544.39	8.6
436.79	10.25	472.99	9.74	509.07	9.06	545.05	8.6
437.45	10.25	473.64	9.71	509.73	9.04	545.70	8.6
438.11	10.25	474.30	9.69	510.38	9.04	546.35	8.5
438.77	10.25	474.96	9.67	511.04	9.03	547.01	8.6
439.43	10.24	475.61	9.67	511.69	9.02	547.66	8.5
440.08	10.24	476.27	9.65	512.35	9.01	548.31	8.5
440.74	10.22	476.93	9.65	513.00	9.01	548.96	8.5
441.40	10.21	477.58	9.63	513.66	9.01	549.62	8.5
442.06	10.22	478.24	9.61	514.31	8.99	550.27	8.5
442.72	10.21	478.90	9.60	514.97	8.99	550.92	8.5
443.38	10.20	479.55	9.59	515.62	8.99	551.58	8.5
444.04	10.19	480.21	9.58	516.27	8.99	552.23	8.5
444.70	10.18	480.87	9.59	516.93	8.98	552.88	8.5
445.35	10.16	481.52	9.56	517.58	8.96	553.53	8.5
446.01	10.16	482.18	9.55	518.24	8.97	554.19	8.5
446.67	10.15	482.84	9.53	518.89	8.97	554.84	8.4
447.33	10.15	483.49	9.51	519.55	8.95	555.49	8.4
447.99	10.14	484.15	9.47	520.20	8.95	556.14	8.4
448.65	10.13	484.81	9.45	520.86	8.94	556.80	8.4
449.31	10.10	485.46	9.42	521.51	8.95	557.45	8.4
449.96	10.07	486.12	9.42	522.17	8.94	558.10	8.4
450.62	10.08	486.78	9.40	522.82	8.94	558.75	8.3
451.28	10.06	487.43	9.40	523.47	8.93	559.41	8.3
451.94	10.04	488.09	9.41	524.13	8.93	560.06	8.3
452.60	10.04	488.75	9.40	524.78	8.93	560.71	8.3
453.26	10.03	489.40	9.38	525.44	8.93	561.36	8.3
453.91	10.02	490.06	9.37	526.09	8.92	562.01	8.3
454.57	10.01	490.71	9.33	526.75	8.91	562.67	8.3
455.23	10.01	491.37	9.32	527.40	8.91	563.32	8.3
455.89	10.01	492.03	9.30	528.05	8.90	563.97	8.3
456.55	10.01	492.68	9.29	528.71	8.90	564.62	8.3
457.20	10.02	493.34	9.28	529.36	8.90	565.27	8.3
457.86	10.01	493.99	9.30	530.02	8.90	565.93	8.2
458.52	10.00	494.65	9.30	530.67	8.88	566.58	8.2
459.18	9.99	495.31	9.29	531.32	8.86	567.23	8.2
459.84	9.98	495.96	9.26	531.98	8.85	567.88	8.2
460.49	9.97	496.62	9.26	532.63	8.83	568.53	8.2
461.15	9.97	497.27	9.26	533.28	8.82	569.19	8.2
461.81	9.95	497.93	9.27	533.94	8.81	569.84	8.2
462.47	9.93	498.58	9.26	534.59	8.80	570.49	8.2
463.12	9.90	499.24	9.26	535.25	8.78	571.14	8.2
463.78	9.88	499.90	9.23	535.90	8.75	571.79	8.2
464.44	9.88	500.55	9.21	536.55	8.75	572.44	8.2
465.10	9.88	501.21	9.20	537.21	8.74	573.10	8.2
465.75	9.87	501.86	9.20	537.86	8.72	573.75	8.2
466.41	9.84	502.52	9.18	538.51	8.72	574.40	8.2
467.07	9.84	503.17	9.16	539.17	8.70	575.05	8.2
467.73	9.82	503.83	9.15	539.82	8.69	575.70	8.1
468.38	9.82	504.48	9.14	540.47	8.69	576.35	8.1

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	8.17	612.77	7.71	648.43	7.34	683.98	7.00
577.66	8.16	613.42	7.69	649.08	7.34	684.62	7.01
578.31	8.15	614.07	7.68	649.72	7.33	685.27	6.99
578.96	8.14	614.72	7.70	650.37	7.31	685.91	7.00
579.61	8.13	615.37	7.68	651.02	7.30	686.56	6.98
580.26	8.11	616.02	7.69	651.66	7.29	687.20	6.98
580.91	8.10	616.67	7.66	652.31	7.30	687.85	6.98
581.56	8.11	617.32	7.67	652.96	7.30	688.49	6.97
582.21	8.09	617.96	7.66	653.61	7.28	689.14	6.96
582.86	8.08	618.61	7.64	654.25	7.29	689.78	6.97
583.52	8.07	619.26	7.62	654.90	7.28	690.43	6.97
584.17	8.07	619.91	7.63	655.55	7.27	691.07	6.97
584.82	8.06	620.56	7.61	656.19	7.26	691.72	6.95
585.47	8.04	621.21	7.60	656.84	7.26	692.36	6.94
586.12	8.04	621.86	7.61	657.49	7.27	693.01	6.93
586.77	8.02	622.51	7.60	658.13	7.27	693.65	6.92
587.42	8.02	623.16	7.58	658.78	7.25	694.30	6.92
588.07	8.01	623.80	7.58	659.43	7.26	694.94	6.90
588.72	8.01	624.45	7.59	660.07	7.25	695.59	6.90
589.37	8.00	625.10	7.58	660.72	7.22	696.23	6.89
590.02	7.98	625.75	7.57	661.37	7.22	696.87	6.90
590.67	7.99	626.40	7.55	662.01	7.22	697.52	6.89
591.32	7.97	627.05	7.54	662.66	7.22	698.16	6.88
591.97	7.97	627.70	7.54	663.31	7.20	698.81	6.85
592.63	7.96	628.34	7.52	663.95	7.20	699.45	6.85
593.28	7.94	628.99	7.52	664.60	7.18	700.10	6.85
593.93	7.95	629.64	7.50	665.25	7.17	700.74	6.84
594.58	7.94	630.29	7.51	665.89	7.14	701.39	6.84
595.23	7.95	630.94	7.50	666.54	7.14	702.03	6.83
595.88	7.93	631.59	7.50	667.19	7.13	702.67	6.82
596.53	7.93	632.23	7.50	667.83	7.10	703.32	6.81
597.18	7.91	632.88	7.49	668.48	7.09	703.96	6.80
597.83	7.90	633.53	7.48	669.12	7.09	704.61	6.78
598.48	7.89	634.18	7.48	669.77	7.07	705.25	6.78
599.13	7.86	634.83	7.47	670.42	7.07	705.90	6.78
599.78	7.85	635.48	7.48	671.06	7.08	706.54	6.79
600.43	7.84	636.12	7.48	671.71	7.08	707.18	6.78
601.08	7.82	636.77	7.46	672.35	7.08	707.83	6.78
601.73	7.82	637.42	7.47	673.00	7.07	708.47	6.78
602.38	7.81	638.07	7.44	673.65	7.07	709.11	6.77
603.03	7.81	638.71	7.44	674.29	7.05	709.76	6.78
603.68	7.80	639.36	7.44	674.94	7.06	710.40	6.78
604.33	7.80	640.01	7.42	675.58	7.06	711.05	6.77
604.98	7.79	640.66	7.40	676.23	7.05	711.69	6.76
605.63	7.77	641.31	7.40	676.88	7.05	712.33	6.74
606.28	7.77	641.95	7.39	677.52	7.06	712.98	6.73
606.93	7.77	642.60	7.39	678.17	7.04	713.62	6.71
607.58	7.75	643.25	7.38	678.81	7.05	714.26	6.70
608.23	7.74	643.90	7.37	679.46	7.05	714.91	6.70
608.88	7.74	644.54	7.38	680.10	7.05	715.55	6.71
609.52	7.73	645.19	7.36	680.75	7.05	716.20	6.70
610.17	7.72	645.84	7.36	681.39	7.05	716.84	6.70
610.82	7.72	646.49	7.35	682.04	7.04	717.48	6.69
611.47	7.71	647.13	7.34	682.68	7.03	718.13	6.68
612.12	7.70	647.78	7.35	683.33	7.02	718.77	6.68
612.77	7.71	648.43	7.34	683.98	7.00	719.41	6.69

Cruise: 91G02  
 Date: 03-06-1991  
 Time: 13:30:34 GMT  
 Lat: 26 10.00 N  
 Lon: 93 52.50 W  
 Stn. 38

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	23.30	68.78	23.26	102.69	20.73
		35.46	23.29	69.46	23.24	103.37	20.73
2.05	<del>23.60</del>	36.14	23.30	70.14	23.25	104.04	20.75
2.73	23.60	36.82	23.30	70.81	23.26	104.72	20.74
3.41	23.56	37.50	23.30	71.49	23.24	105.40	20.75
4.10	23.45	38.18	23.30	72.17	23.23	106.07	20.74
4.78	23.44	38.86	23.29	72.85	23.23	106.75	20.72
5.46	23.44	39.54	23.28	73.53	23.23	107.43	20.73
6.14	23.44	40.22	23.28	74.21	23.22	108.11	20.73
6.83	23.43	40.90	23.29	74.89	23.18	108.78	20.73
7.51	23.42	41.58	23.29	75.57	23.11	109.46	20.72
8.19	23.41	42.26	23.28	76.25	22.99	110.14	20.72
8.87	23.41	42.94	23.26	76.92	22.74	110.81	20.70
9.56	23.42	43.62	23.27	77.60	22.49	111.49	20.67
10.24	23.40	44.31	23.26	78.28	22.14	112.17	20.65
10.92	23.42	44.99	23.28	78.96	21.68	112.84	20.61
11.60	23.40	45.67	23.28	79.64	21.19	113.52	20.59
12.28	23.40	46.35	23.26	80.32	20.83	114.20	20.54
12.97	23.41	47.03	23.27	81.00	20.67	114.87	20.50
13.65	23.40	47.71	23.26	81.67	20.60	115.55	20.48
14.33	23.38	48.39	23.26	82.35	20.57	116.23	20.48
15.01	23.35	49.07	23.27	83.03	20.57	116.90	20.45
15.69	23.38	49.75	23.27	83.71	20.57	117.58	20.45
16.38	23.36	50.43	23.27	84.39	20.64	118.26	20.45
17.06	23.36	51.11	23.27	85.07	20.71	118.93	20.44
17.74	23.35	51.79	23.27	85.74	20.76	119.61	20.41
18.42	23.37	52.47	23.27	86.42	20.81	120.29	20.39
19.10	23.35	53.15	23.25	87.10	20.86	120.96	20.38
19.79	23.35	53.83	23.26	87.78	20.88	121.64	20.36
20.47	23.35	54.51	23.26	88.46	20.87	122.31	20.33
21.15	23.35	55.19	23.26	89.13	20.83	122.99	20.31
21.83	23.34	55.87	23.28	89.81	20.79	123.67	20.29
22.51	23.34	56.55	23.27	90.49	20.76	124.34	20.29
23.19	23.32	57.23	23.26	91.17	20.74	125.02	20.29
23.88	23.32	57.91	23.26	91.85	20.74	125.70	20.27
24.56	23.32	58.59	23.25	92.52	20.75	126.37	20.26
25.24	23.30	59.27	23.27	93.20	20.75	127.05	20.23
25.92	23.32	59.95	23.26	93.88	20.75	127.72	20.22
26.60	23.31	60.63	23.26	94.56	20.74	128.40	20.19
27.28	23.32	61.30	23.26	95.24	20.73	129.07	20.10
27.96	23.32	61.98	23.25	95.91	20.72	129.75	20.02
28.65	23.31	62.66	23.24	96.59	20.68	130.43	19.98
29.33	23.32	63.34	23.26	97.27	20.68	131.10	20.01
30.01	23.32	64.02	23.24	97.95	20.67	131.78	19.95
30.69	23.31	64.70	23.26	98.62	20.68	132.45	19.86
31.37	23.32	65.38	23.26	99.30	20.70	133.13	19.72
32.05	23.32	66.06	23.26	99.98	20.70	133.81	19.59
32.73	23.31	66.74	23.25	100.66	20.71	134.48	19.55
33.41	23.31	67.42	23.26	101.33	20.73	135.16	19.53
34.09	23.29	68.10	23.25	102.01	20.74	135.83	19.55
34.78	23.30	68.78	23.26	102.69	20.73	136.51	19.57



Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
137.18	19.60	174.28	17.93	211.26	15.84	248.14	14.4
137.86	19.64	174.95	17.89	211.93	15.83	248.81	14.4
138.53	19.64	175.62	17.86	212.60	15.79	249.48	14.4
139.21	19.65	176.30	17.85	213.28	15.77	250.14	14.4
139.88	19.65	176.97	17.81	213.95	15.74	250.81	14.3
140.56	19.67	177.64	17.77	214.62	15.71	251.48	14.3
141.23	19.70	178.32	17.75	215.29	15.70	252.15	14.3
141.91	19.71	178.99	17.73	215.96	15.65	252.82	14.2
142.59	19.67	179.66	17.68	216.63	15.63	253.49	14.2
143.26	19.67	180.34	17.65	217.30	15.62	254.16	14.2
143.94	19.64	181.01	17.60	217.97	15.59	254.83	14.2
144.61	19.62	181.68	17.54	218.65	15.59	255.50	14.2
145.29	19.61	182.36	17.44	219.32	15.57	256.17	14.2
145.96	19.57	183.03	17.36	219.99	15.57	256.84	14.2
146.64	19.55	183.70	17.31	220.66	15.56	257.50	14.2
147.31	19.48	184.38	17.28	221.33	15.55	258.17	14.1
147.99	19.43	185.05	17.26	222.00	15.53	258.84	14.1
148.66	19.41	185.72	17.25	222.67	15.51	259.51	14.1
149.34	19.41	186.39	17.21	223.34	15.45	260.18	14.1
150.01	19.41	187.07	17.20	224.01	15.43	260.85	14.1
150.68	19.33	187.74	17.16	224.68	15.41	261.52	14.1
151.36	19.27	188.41	17.14	225.35	15.38	262.19	14.1
152.03	19.18	189.08	17.12	226.02	15.37	262.86	14.1
152.71	19.10	189.76	17.12	226.70	15.35	263.52	14.0
153.38	18.99	190.43	17.10	227.37	15.32	264.19	14.0
154.06	18.87	191.10	17.08	228.04	15.27	264.86	14.0
154.73	18.82	191.77	17.06	228.71	15.24	265.53	14.0
155.41	18.78	192.45	16.98	229.38	15.22	266.20	14.0
156.08	18.77	193.12	16.87	230.05	15.20	266.87	14.0
156.76	18.74	193.79	16.72	230.72	15.18	267.53	13.9
157.43	18.68	194.46	16.61	231.39	15.12	268.20	13.9
158.10	18.64	195.14	16.53	232.06	15.07	268.87	13.8
158.78	18.62	195.81	16.51	232.73	15.01	269.54	13.8
159.45	18.60	196.48	16.46	233.40	14.99	270.21	13.8
160.13	18.58	197.15	16.40	234.07	14.95	270.88	13.8
160.80	18.54	197.83	16.34	234.74	14.92	271.54	13.7
161.48	18.49	198.50	16.24	235.41	14.87	272.21	13.7
162.15	18.41	199.17	16.20	236.08	14.84	272.88	13.7
162.82	18.33	199.84	16.18	236.75	14.80	273.55	13.7
163.50	18.30	200.51	16.14	237.42	14.79	274.22	13.7
164.17	18.27	201.19	16.15	238.09	14.78	274.88	13.7
164.85	18.25	201.86	16.12	238.76	14.77	275.55	13.7
165.52	18.20	202.53	16.10	239.43	14.74	276.22	13.7
166.19	18.17	203.20	16.07	240.10	14.71	276.89	13.6
166.87	18.15	203.87	16.05	240.77	14.70	277.56	13.6
167.54	18.15	204.55	16.03	241.44	14.68	278.22	13.6
168.22	18.15	205.22	15.98	242.11	14.67	278.89	13.6
168.89	18.12	205.89	16.00	242.78	14.66	279.56	13.6
169.56	18.09	206.56	15.99	243.45	14.62	280.23	13.6
170.24	18.06	207.23	15.97	244.12	14.59	280.90	13.5
170.91	18.05	207.90	15.93	244.79	14.57	281.56	13.5
171.58	18.03	208.58	15.90	245.46	14.54	282.23	13.5
172.26	18.01	209.25	15.87	246.13	14.53	282.90	13.5
172.93	17.98	209.92	15.85	246.80	14.49	283.57	13.4
173.60	17.95	210.59	15.85	247.47	14.47	284.23	13.4
174.28	17.93	211.26	15.84	248.14	14.46	284.90	13.3

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	13.37	322.22	12.38	358.76	11.46	395.19	10.56
286.24	13.36	322.89	12.37	359.43	11.46	395.86	10.54
286.90	13.34	323.55	12.37	360.09	11.42	396.52	10.51
287.57	13.32	324.22	12.33	360.75	11.42	397.18	10.47
288.24	13.30	324.88	12.34	361.42	11.40	397.84	10.45
288.90	13.29	325.55	12.30	362.08	11.39	398.50	10.45
289.57	13.24	326.21	12.25	362.74	11.38	399.16	10.44
290.24	13.17	326.88	12.22	363.40	11.32	399.82	10.42
290.91	13.15	327.54	12.16	364.07	11.30	400.48	10.41
291.57	13.15	328.21	12.15	364.73	11.30	401.14	10.40
292.24	13.12	328.87	12.11	365.39	11.27	401.81	10.41
292.91	13.12	329.54	12.13	366.06	11.25	402.47	10.39
293.57	13.12	330.20	12.13	366.72	11.22	403.13	10.41
294.24	13.10	330.87	12.12	367.38	11.22	403.79	10.39
294.91	13.10	331.53	12.10	368.05	11.21	404.45	10.39
295.57	13.09	332.20	12.11	368.71	11.13	405.11	10.38
296.24	13.07	332.86	12.10	369.37	11.14	405.77	10.36
296.91	13.05	333.53	12.09	370.03	11.09	406.43	10.38
297.58	13.02	334.19	12.06	370.70	11.06	407.09	10.34
298.24	12.98	334.86	12.07	371.36	11.07	407.75	10.35
298.91	12.95	335.52	12.09	372.02	11.05	408.41	10.34
299.58	12.91	336.19	12.04	372.69	11.04	409.08	10.32
300.24	12.86	336.85	12.00	373.35	11.03	409.74	10.33
300.91	12.83	337.51	12.02	374.01	11.03	410.40	10.31
301.58	12.83	338.18	11.99	374.67	11.03	411.06	10.29
302.24	12.81	338.84	12.00	375.34	11.03	411.72	10.28
302.91	12.81	339.51	12.00	376.00	11.01	412.38	10.28
303.57	12.80	340.17	12.00	376.66	10.98	413.04	10.29
304.24	12.78	340.84	11.97	377.32	10.96	413.70	10.28
304.91	12.76	341.50	11.99	377.99	10.93	414.36	10.28
305.57	12.75	342.17	11.98	378.65	10.95	415.02	10.25
306.24	12.73	342.83	11.94	379.31	10.91	415.68	10.23
306.91	12.70	343.49	11.96	379.97	10.91	416.34	10.23
307.57	12.67	344.16	11.90	380.63	10.89	417.00	10.23
308.24	12.63	344.82	11.86	381.30	10.89	417.66	10.24
308.90	12.64	345.49	11.84	381.96	10.86	418.32	10.21
309.57	12.60	346.15	11.85	382.62	10.87	418.98	10.18
310.24	12.58	346.81	11.82	383.28	10.85	419.64	10.17
310.90	12.61	347.48	11.82	383.94	10.86	420.30	10.17
311.57	12.57	348.14	11.78	384.61	10.88	420.96	10.18
312.23	12.58	348.81	11.80	385.27	10.85	421.62	10.14
312.90	12.56	349.47	11.76	385.93	10.83	422.28	10.16
313.57	12.54	350.13	11.77	386.59	10.78	422.94	10.12
314.23	12.53	350.80	11.73	387.25	10.76	423.60	10.14
314.90	12.49	351.46	11.69	387.92	10.71	424.26	10.12
315.56	12.49	352.13	11.64	388.58	10.67	424.92	10.08
316.23	12.47	352.79	11.62	389.24	10.65	425.58	10.08
316.90	12.45	353.45	11.59	389.90	10.66	426.24	10.05
317.56	12.43	354.12	11.59	390.56	10.67	426.90	10.04
318.23	12.42	354.78	11.56	391.22	10.63	427.56	10.05
318.89	12.41	355.44	11.54	391.89	10.65	428.22	10.03
319.56	12.41	356.11	11.52	392.55	10.63	428.88	10.02
320.22	12.40	356.77	11.50	393.21	10.63	429.54	10.00
320.89	12.39	357.44	11.48	393.87	10.57	430.20	10.00
321.55	12.37	358.10	11.46	394.53	10.59	430.86	9.96
322.22	12.38	358.76	11.46	395.19	10.56	431.52	9.96

Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
432.18	9.96	468.38	9.32	504.48	8.82	540.47	8.2
432.83	9.95	469.04	9.30	505.14	8.84	541.13	8.2
433.49	9.96	469.70	9.28	505.79	8.84	541.78	8.2
434.15	9.94	470.36	9.25	506.45	8.84	542.43	8.2
434.81	9.95	471.01	9.25	507.11	8.83	543.09	8.2
435.47	9.96	471.67	9.26	507.76	8.81	543.74	8.2
436.13	9.96	472.33	9.24	508.42	8.80	544.39	8.2
436.79	9.92	472.99	9.23	509.07	8.76	545.05	8.2
437.45	9.93	473.64	9.21	509.73	8.77	545.70	8.2
438.11	9.93	474.30	9.21	510.38	8.75	546.35	8.2
438.77	9.89	474.96	9.18	511.04	8.76	547.01	8.2
439.43	9.88	475.61	9.19	511.69	8.74	547.66	8.2
440.08	9.83	476.27	9.18	512.35	8.74	548.31	8.2
440.74	9.84	476.93	9.19	513.00	8.73	548.96	8.2
441.40	9.80	477.58	9.16	513.66	8.70	549.62	8.2
442.06	9.80	478.24	9.16	514.31	8.69	550.27	8.2
442.72	9.81	478.90	9.13	514.97	8.67	550.92	8.2
443.38	9.78	479.55	9.15	515.62	8.65	551.58	8.2
444.04	9.74	480.21	9.13	516.27	8.63	552.23	8.1
444.70	9.74	480.87	9.10	516.93	8.62	552.88	8.1
445.35	9.73	481.52	9.08	517.58	8.61	553.53	8.1
446.01	9.69	482.18	9.07	518.24	8.63	554.19	8.1
446.67	9.68	482.84	9.09	518.89	8.62	554.84	8.1
447.33	9.68	483.49	9.07	519.55	8.63	555.49	8.1
447.99	9.65	484.15	9.06	520.20	8.62	556.14	8.1
448.65	9.65	484.81	9.05	520.86	8.60	556.80	8.1
449.31	9.63	485.46	9.05	521.51	8.60	557.45	8.1
449.96	9.62	486.12	9.04	522.17	8.59	558.10	8.1
450.62	9.62	486.78	9.03	522.82	8.57	558.75	8.1
451.28	9.61	487.43	9.01	523.47	8.55	559.41	8.1
451.94	9.59	488.09	9.00	524.13	8.54	560.06	8.0
452.60	9.59	488.75	8.99	524.78	8.52	560.71	8.0
453.26	9.58	489.40	8.99	525.44	8.51	561.36	8.1
453.91	9.58	490.06	9.00	526.09	8.50	562.01	8.0
454.57	9.54	490.71	9.00	526.75	8.51	562.67	8.0
455.23	9.54	491.37	9.00	527.40	8.51	563.32	8.0
455.89	9.53	492.03	8.99	528.05	8.49	563.97	8.0
456.55	9.51	492.68	8.99	528.71	8.48	564.62	8.0
457.20	9.52	493.34	8.99	529.36	8.47	565.27	8.0
457.86	9.51	493.99	8.97	530.02	8.45	565.93	8.0
458.52	9.51	494.65	8.96	530.67	8.44	566.58	8.0
459.18	9.49	495.31	8.93	531.32	8.42	567.23	8.0
459.84	9.47	495.96	8.91	531.98	8.40	567.88	8.0
460.49	9.47	496.62	8.90	532.63	8.40	568.53	8.0
461.15	9.45	497.27	8.89	533.28	8.39	569.19	7.9
461.81	9.41	497.93	8.88	533.94	8.38	569.84	7.9
462.47	9.41	498.58	8.87	534.59	8.39	570.49	7.9
463.12	9.41	499.24	8.86	535.25	8.37	571.14	7.9
463.78	9.39	499.90	8.84	535.90	8.35	571.79	7.9
464.44	9.40	500.55	8.84	536.55	8.35	572.44	7.9
465.10	9.37	501.21	8.84	537.21	8.34	573.10	7.9
465.75	9.38	501.86	8.82	537.86	8.34	573.75	7.9
466.41	9.37	502.52	8.82	538.51	8.32	574.40	7.9
467.07	9.36	503.17	8.83	539.17	8.27	575.05	7.9
467.73	9.34	503.83	8.82	539.82	8.28	575.70	7.9
468.38	9.32	504.48	8.82	540.47	8.27	576.35	7.9

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	7.91	612.77	7.50	648.43	7.23	683.98	6.94
577.66	7.90	613.42	7.50	649.08	7.23	684.62	6.94
578.31	7.89	614.07	7.48	649.72	7.25	685.27	6.93
578.96	7.89	614.72	7.49	650.37	7.23	685.91	6.93
579.61	7.87	615.37	7.49	651.02	7.23	686.56	6.91
580.26	7.86	616.02	7.48	651.66	7.22	687.20	6.92
580.91	7.85	616.67	7.47	652.31	7.22	687.85	6.92
581.56	7.85	617.32	7.46	652.96	7.22	688.49	6.91
582.21	7.85	617.96	7.45	653.61	7.22	689.14	6.91
582.86	7.84	618.61	7.44	654.25	7.20	689.78	6.90
583.52	7.83	619.26	7.44	654.90	7.21	690.43	6.89
584.17	7.83	619.91	7.44	655.55	7.19	691.07	6.88
584.82	7.82	620.56	7.43	656.19	7.20	691.72	6.86
585.47	7.81	621.21	7.44	656.84	7.20	692.36	6.85
586.12	7.81	621.86	7.42	657.49	7.19	693.01	6.85
586.77	7.79	622.51	7.43	658.13	7.19	693.65	6.85
587.42	7.78	623.16	7.42	658.78	7.19	694.30	6.86
588.07	7.76	623.80	7.42	659.43	7.16	694.94	6.86
588.72	7.76	624.45	7.41	660.07	7.18	695.59	6.85
589.37	7.76	625.10	7.42	660.72	7.16	696.23	6.84
590.02	7.74	625.75	7.39	661.37	7.14	696.87	6.85
590.67	7.73	626.40	7.39	662.01	7.14	697.52	6.85
591.32	7.73	627.05	7.39	662.66	7.13	698.16	6.84
591.97	7.72	627.70	7.38	663.31	7.12	698.81	6.84
592.63	7.71	628.34	7.39	663.95	7.13	699.45	6.82
593.28	7.71	628.99	7.38	664.60	7.11	700.10	6.84
593.93	7.70	629.64	7.38	665.25	7.10	700.74	6.84
594.58	7.73	630.29	7.38	665.89	7.10	701.39	6.85
595.23	7.71	630.94	7.39	666.54	7.10	702.03	6.82
595.88	7.71	631.59	7.38	667.19	7.09	702.67	6.81
596.53	7.70	632.23	7.37	667.83	7.09	703.32	6.81
597.18	7.71	632.88	7.37	668.48	7.07	703.96	6.81
597.83	7.68	633.53	7.36	669.12	7.09	704.61	6.83
598.48	7.66	634.18	7.35	669.77	7.08	705.25	6.80
599.13	7.65	634.83	7.34	670.42	7.08	705.90	6.79
599.78	7.65	635.48	7.35	671.06	7.05	706.54	6.79
600.43	7.65	636.12	7.34	671.71	7.06	707.18	6.80
601.08	7.63	636.77	7.35	672.35	7.04	707.83	6.79
601.73	7.62	637.42	7.32	673.00	7.01	708.47	6.78
602.38	7.62	638.07	7.34	673.65	7.03	709.11	6.80
603.03	7.62	638.71	7.31	674.29	7.01	709.76	6.77
603.68	7.63	639.36	7.31	674.94	7.00	710.40	6.78
604.33	7.62	640.01	7.29	675.58	7.00	711.05	6.76
604.98	7.60	640.66	7.30	676.23	6.99	711.69	6.76
605.63	7.57	641.31	7.31	676.88	6.99	712.33	6.76
606.28	7.56	641.95	7.29	677.52	6.98	712.98	6.77
606.93	7.55	642.60	7.29	678.17	7.00	713.62	6.76
607.58	7.55	643.25	7.29	678.81	6.98	714.26	6.75
608.23	7.55	643.90	7.26	679.46	6.99	714.91	6.76
608.88	7.53	644.54	7.24	680.10	6.99	715.55	6.74
609.52	7.53	645.19	7.24	680.75	6.98	716.20	6.73
610.17	7.51	645.84	7.26	681.39	6.97	716.84	6.73
610.82	7.51	646.49	7.24	682.04	6.95	717.48	6.73
611.47	7.50	647.13	7.22	682.68	6.96	718.13	6.71
612.12	7.49	647.78	7.23	683.33	6.96	718.77	6.73
612.77	7.50	648.43	7.23	683.98	6.94	719.41	6.70

STATION SBE034.AVG:: CRUISE 91g02 DATE & TIME Wed Mar 06 16:51:30 1991, Julian day = 65  
 LAT 26 29.9 LON 93 52.1 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

PTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
4.0	22.763	36.371	25.044	8.929	54.0	22.668	36.359	25.062	8.944	104.0	19.012	36.486	26.156	9.087
5.0	22.764	36.371	25.044	8.921	55.0	22.654	36.357	25.065	8.949	105.0	18.956	36.484	26.169	9.087
6.0	22.763	36.371	25.044	8.930	56.0	22.642	36.355	25.067	8.948	106.0	18.887	36.482	26.185	9.089
7.0	22.766	36.371	25.043	8.930	57.0	22.630	36.355	25.070	8.947	107.0	18.855	36.481	26.193	9.088
8.0	22.768	36.371	25.043	8.934	58.0	22.624	36.354	25.071	8.946	108.0	18.849	36.480	26.193	9.090
9.0	22.764	36.371	25.044	8.939	59.0	22.618	36.354	25.073	8.947	109.0	18.838	36.479	26.195	9.089
10.0	22.757	36.370	25.045	8.938	60.0	22.619	36.354	25.072	8.946	110.0	18.832	36.478	26.196	9.090
11.0	22.752	36.370	25.047	8.935	61.0	22.590	36.353	25.080	8.948	111.0	18.803	36.476	26.202	9.088
12.0	22.751	36.371	25.047	8.935	62.0	22.563	36.354	25.088	8.939	112.0	18.714	36.470	26.220	9.090
13.0	22.755	36.371	25.046	8.934	63.0	22.536	36.361	25.101	8.947	113.0	18.644	36.469	26.237	9.083
14.0	22.758	36.371	25.046	8.937	64.0	22.507	36.377	25.122	8.959	114.0	18.619	36.466	26.240	9.081
15.0	22.757	36.371	25.046	8.936	65.0	22.410	36.422	25.184	8.973	115.0	18.571	36.459	26.248	9.084
16.0	22.759	36.371	25.045	8.935	66.0	22.214	36.450	25.261	8.980	116.0	18.612	36.463	26.240	9.090
17.0	22.758	36.371	25.045	8.939	67.0	21.989	36.474	25.343	8.990	117.0	18.588	36.454	26.239	9.089
18.0	22.763	36.371	25.044	8.942	68.0	21.705	36.503	25.445	8.996	118.0	18.370	36.440	26.284	9.090
19.0	22.766	36.371	25.043	8.939	69.0	21.647	36.510	25.467	8.995	119.0	18.300	36.436	26.298	9.088
20.0	22.764	36.371	25.043	8.941	70.0	21.680	36.486	25.439	9.011	120.0	18.265	36.433	26.305	9.094
21.0	22.764	36.371	25.044	8.939	71.0	21.357	36.514	25.550	9.022	121.0	18.245	36.430	26.308	9.091
22.0	22.767	36.371	25.043	8.938	72.0	21.274	36.536	25.589	9.033	122.0	18.220	36.426	26.311	9.092
23.0	22.760	36.371	25.045	8.938	73.0	21.232	36.543	25.607	9.039	123.0	18.187	36.422	26.317	9.093
24.0	22.752	36.370	25.047	8.935	74.0	21.162	36.548	25.630	9.044	124.0	18.153	36.416	26.320	9.090
25.0	22.749	36.371	25.048	8.938	75.0	21.134	36.559	25.646	9.050	125.0	18.085	36.411	26.333	9.089
26.0	22.757	36.371	25.046	8.940	76.0	21.159	36.558	25.638	9.048	126.0	18.026	36.404	26.343	9.087
27.0	22.756	36.370	25.046	8.939	77.0	21.115	36.570	25.660	9.059	127.0	17.959	36.398	26.355	9.086
28.0	22.751	36.370	25.047	8.935	78.0	21.039	36.565	25.677	9.058	128.0	17.923	36.395	26.361	9.082
29.0	22.729	36.368	25.052	8.933	79.0	20.928	36.557	25.701	9.055	129.0	17.910	36.395	26.365	9.092
30.0	22.725	36.369	25.053	8.938	80.0	20.834	36.555	25.725	9.058	130.0	17.967	36.405	26.358	9.098
31.0	22.732	36.369	25.052	8.938	81.0	20.753	36.542	25.738	9.054	131.0	17.919	36.390	26.358	9.097
32.0	22.732	36.369	25.052	8.931	82.0	20.659	36.535	25.757	9.057	132.0	17.812	36.380	26.377	9.094
33.0	22.733	36.369	25.051	8.931	83.0	20.631	36.534	25.764	9.057	133.0	17.767	36.374	26.384	9.089
34.0	22.724	36.368	25.053	8.928	84.0	20.605	36.531	25.769	9.057	134.0	17.722	36.370	26.392	9.090
35.0	22.717	36.367	25.054	8.939	85.0	20.584	36.525	25.770	9.055	135.0	17.694	36.365	26.395	9.087
36.0	22.722	36.368	25.053	8.938	86.0	20.419	36.488	25.786	9.051	136.0	17.631	36.359	26.406	9.090
37.0	22.718	36.367	25.054	8.939	87.0	19.999	36.371	25.810	9.032	137.0	17.604	36.357	26.411	9.096
38.0	22.715	36.367	25.054	8.931	88.0	19.696	36.329	25.858	9.023	138.0	17.633	36.356	26.403	9.098
39.0	22.713	36.367	25.055	8.935	89.0	19.683	36.341	25.870	9.020	139.0	17.570	36.347	26.412	9.096
40.0	22.711	36.366	25.055	8.939	90.0	19.746	36.391	25.892	9.023	140.0	17.480	36.337	26.426	9.088
41.0	22.710	36.366	25.055	8.939	91.0	19.785	36.398	25.886	9.029	141.0	17.425	36.329	26.433	9.090
42.0	22.709	36.366	25.056	8.944	92.0	19.837	36.427	25.895	9.033	142.0	17.382	36.325	26.440	9.087
43.0	22.706	36.364	25.056	8.938	93.0	19.867	36.485	25.932	9.041	143.0	17.359	36.322	26.444	9.087
44.0	22.695	36.363	25.058	8.939	94.0	19.810	36.495	25.955	9.051	144.0	17.322	36.317	26.449	9.089
45.0	22.696	36.364	25.058	8.941	95.0	19.669	36.499	25.994	9.066	145.0	17.301	36.310	26.448	9.089
46.0	22.699	36.365	25.058	8.935	96.0	19.714	36.488	25.974	9.056	146.0	17.234	36.303	26.460	9.089
47.0	22.700	36.365	25.057	8.939	97.0	19.661	36.478	25.981	9.071	147.0	17.176	36.296	26.468	9.087
48.0	22.701	36.364	25.057	8.945	98.0	19.345	36.485	26.069	9.076	148.0	17.104	36.285	26.478	9.083
49.0	22.699	36.363	25.057	8.942	99.0	19.214	36.490	26.106	9.081	149.0	17.077	36.285	26.483	9.078
50.0	22.686	36.362	25.060	8.944	100.0	19.160	36.491	26.121	9.082	150.0	17.065	36.282	26.484	9.085
51.0	22.688	36.362	25.060	8.938	101.0	19.096	36.492	26.139	9.086	151.0	17.068	36.281	26.483	9.092
52.0	22.668	36.359	25.063	8.942	102.0	19.136	36.492	26.128	9.088	152.0	17.056	36.276	26.481	9.092
53.0	22.665	36.359	25.063	8.943	103.0	19.104	36.483	26.130	9.086	153.0	16.934	36.261	26.500	9.088

STATION SHE034.AUG:: CRUISE 91g02 DATE & TIME Wed Mar 06 16:51:30 1991, Julian day = 65  
 LAT 26 29.9 LON 93 52.1 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

PTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
54.0	16.919	36.261	26.503	9.082	204.0	15.056	35.979	26.716	0.000	254.0	13.458	35.726	26.863	0.000
55.0	16.907	36.258	26.504	9.084	205.0	15.046	35.977	26.716	0.000	255.0	13.432	35.722	26.865	0.000
56.0	16.867	36.251	26.508	9.083	206.0	15.042	35.977	26.717	0.000	256.0	13.386	35.715	26.869	0.000
57.0	16.875	36.256	26.509	9.094	207.0	15.031	35.975	26.718	0.000	257.0	13.362	35.711	26.871	0.000
58.0	16.866	36.249	26.507	9.090	208.0	15.014	35.972	26.719	0.000	258.0	13.343	35.708	26.872	0.000
59.0	16.789	36.240	26.518	9.089	209.0	15.011	35.967	26.717	0.000	259.0	13.387	35.710	26.865	0.000
60.0	16.761	36.238	26.523	9.095	210.0	14.942	35.959	26.725	0.000	260.0	13.293	35.698	26.875	0.000
61.0	16.751	36.236	26.524	9.099	211.0	14.902	35.952	26.729	0.000	261.0	13.251	35.693	26.879	0.000
62.0	16.752	36.235	26.523	9.099	212.0	14.867	35.948	26.734	0.000	262.0	13.240	35.692	26.881	0.000
63.0	16.671	36.221	26.531	9.101	213.0	14.851	35.945	26.735	0.000	263.0	13.232	35.691	26.882	0.000
64.0	16.615	36.216	26.541	9.095	214.0	14.831	35.941	26.736	0.000	264.0	13.218	35.688	26.883	0.000
65.0	16.584	36.212	26.545	9.098	215.0	14.800	35.936	26.739	0.000	265.0	13.259	35.694	26.879	0.000
66.0	16.555	36.208	26.549	9.097	216.0	14.730	35.923	26.744	0.000	266.0	13.261	35.694	26.878	0.000
67.0	16.503	36.200	26.555	9.102	217.0	14.643	35.913	26.756	0.000	267.0	13.170	35.674	26.881	0.000
68.0	16.485	36.194	26.554	9.103	218.0	14.606	35.907	26.759	0.000	268.0	13.099	35.670	26.893	0.000
69.0	16.343	36.175	26.573	9.102	219.0	14.589	35.904	26.760	0.000	269.0	13.081	35.668	26.895	0.000
70.0	16.290	36.172	26.583	9.098	220.0	14.571	35.900	26.762	0.000	270.0	13.057	35.664	26.897	0.000
71.0	16.276	36.169	26.584	9.098	221.0	14.549	35.897	26.763	0.000	271.0	13.172	35.680	26.886	0.000
72.0	16.256	36.165	26.586	9.101	222.0	14.520	35.891	26.765	0.000	272.0	13.100	35.665	26.889	0.000
73.0	16.231	36.161	26.589	9.102	223.0	14.413	35.875	26.776	0.000	273.0	13.003	35.651	26.898	0.000
74.0	16.265	36.163	26.582	9.102	224.0	14.364	35.869	26.782	0.000	274.0	12.922	35.642	26.907	0.000
75.0	16.204	36.156	26.591	9.102	225.0	14.321	35.862	26.786	0.000	275.0	12.876	35.637	26.912	0.000
76.0	16.174	36.152	26.595	9.102	226.0	14.276	35.857	26.791	0.000	276.0	12.859	35.635	26.914	0.000
77.0	16.150	36.149	26.598	9.103	227.0	14.252	35.854	26.794	0.000	277.0	12.929	35.643	26.906	0.000
78.0	16.125	36.144	26.600	9.103	228.0	14.367	35.863	26.777	0.000	278.0	12.929	35.640	26.904	0.000
79.0	16.049	36.134	26.610	9.103	229.0	14.236	35.844	26.790	0.000	279.0	12.798	35.621	26.915	0.000
80.0	16.012	36.132	26.616	9.104	230.0	14.185	35.841	26.799	0.000	280.0	12.745	35.615	26.921	0.000
81.0	16.004	36.130	26.617	9.106	231.0	14.160	35.837	26.801	0.000	281.0	12.719	35.611	26.923	0.000
82.0	15.949	36.122	26.624	9.107	232.0	14.126	35.832	26.804	0.000	282.0	12.702	35.608	26.925	0.000
83.0	15.912	36.117	26.629	9.107	233.0	14.098	35.828	26.807	0.000	283.0	12.685	35.605	26.926	0.000
84.0	15.858	36.110	26.635	9.108	234.0	14.092	35.826	26.807	0.000	284.0	12.674	35.603	26.926	0.000
85.0	15.817	36.104	26.640	9.111	235.0	14.063	35.820	26.808	0.000	285.0	12.652	35.599	26.928	0.000
86.0	15.772	36.096	26.645	9.110	236.0	14.037	35.816	26.811	0.000	286.0	12.633	35.595	26.928	0.000
87.0	15.735	36.092	26.650	9.111	237.0	13.994	35.808	26.814	0.000	287.0	12.572	35.588	26.935	0.000
88.0	15.731	36.089	26.648	9.110	238.0	13.967	35.805	26.817	0.000	288.0	12.531	35.581	26.938	0.000
89.0	15.704	36.085	26.651	9.111	239.0	13.947	35.801	26.818	0.000	289.0	12.504	35.579	26.941	0.000
90.0	15.664	36.078	26.655	9.112	240.0	13.890	35.794	26.825	0.000	290.0	12.483	35.575	26.942	0.000
91.0	15.638	36.073	26.657	9.110	241.0	13.885	35.793	26.825	0.000	291.0	12.500	35.578	26.941	0.000
92.0	15.585	36.065	26.663	9.111	242.0	13.858	35.787	26.826	0.000	292.0	12.500	35.572	26.937	0.000
93.0	15.556	36.061	26.667	9.110	243.0	13.831	35.783	26.829	0.000	293.0	12.422	35.566	26.948	0.000
94.0	15.531	36.054	26.667	9.112	244.0	13.817	35.782	26.831	0.000	294.0	12.402	35.563	26.949	0.000
95.0	15.477	36.047	26.674	9.112	245.0	13.798	35.778	26.832	0.000	295.0	12.378	35.560	26.951	0.000
96.0	15.416	36.038	26.680	9.111	246.0	13.760	35.773	26.837	0.000	296.0	12.366	35.557	26.951	0.000
97.0	15.383	36.032	26.683	9.111	247.0	13.793	35.777	26.832	0.000	297.0	12.360	35.557	26.952	0.000
98.0	15.301	36.020	26.692	9.109	248.0	13.742	35.767	26.835	0.000	298.0	12.357	35.555	26.952	0.000
99.0	15.279	36.015	26.693	9.108	249.0	13.702	35.764	26.841	0.000	299.0	12.357	35.554	26.951	0.000
100.0	15.223	36.007	26.700	9.107	250.0	13.676	35.759	26.843	0.000	300.0	12.385	35.557	26.948	0.000
11.0	15.154	35.996	26.707	0.000	251.0	13.669	35.757	26.843	0.000	301.0	12.331	35.546	26.950	0.000
12.0	15.187	36.001	26.704	0.000	252.0	13.669	35.754	26.840	0.000	302.0	12.257	35.541	26.960	0.000
13.0	15.092	35.981	26.709	0.000	253.0	13.507	35.733	26.858	0.000	303.0	12.237	35.537	26.961	0.000

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 LAT 26 29.9 LON 93 52.1 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
304.0	12.223	35.537	26.963	0.000	354.0	10.980	35.350	27.052	0.000	404.0	10.130	35.232	27.111	0.000
305.0	12.219	35.535	26.963	0.000	355.0	10.971	35.348	27.053	0.000	405.0	10.101	35.243	27.125	0.000
306.0	12.218	35.535	26.964	0.000	356.0	10.953	35.346	27.054	0.000	406.0	10.067	35.227	27.118	0.000
307.0	12.192	35.529	26.964	0.000	357.0	10.941	35.344	27.055	0.000	407.0	10.126	35.228	27.109	0.000
308.0	12.167	35.519	26.961	0.000	358.0	10.928	35.342	27.055	0.000	408.0	10.043	35.218	27.116	0.000
309.0	12.059	35.509	26.974	0.000	359.0	10.915	35.341	27.057	0.000	409.0	10.012	35.218	27.121	0.000
310.0	12.034	35.507	26.977	0.000	360.0	10.913	35.341	27.058	0.000	410.0	10.006	35.217	27.121	0.000
311.0	12.011	35.503	26.978	0.000	361.0	10.907	35.339	27.057	0.000	411.0	9.998	35.216	27.121	0.000
312.0	12.005	35.506	26.981	0.000	362.0	10.903	35.337	27.056	0.000	412.0	9.990	35.214	27.121	0.000
313.0	12.131	35.517	26.966	0.000	363.0	10.865	35.333	27.060	0.000	413.0	10.007	35.218	27.122	0.000
314.0	12.021	35.502	26.976	0.000	364.0	10.854	35.330	27.063	0.000	414.0	10.027	35.215	27.116	0.000
315.0	11.964	35.493	26.980	0.000	365.0	10.830	35.330	27.064	0.000	415.0	9.955	35.209	27.123	0.000
316.0	11.931	35.490	26.984	0.000	366.0	10.813	35.328	27.065	0.000	416.0	9.938	35.207	27.123	0.000
317.0	11.899	35.486	26.987	0.000	367.0	10.800	35.327	27.067	0.000	417.0	9.935	35.205	27.124	0.000
318.0	11.868	35.481	26.989	0.000	368.0	10.790	35.325	27.067	0.000	418.0	9.923	35.204	27.125	0.000
319.0	11.850	35.479	26.991	0.000	369.0	10.778	35.324	27.068	0.000	419.0	9.905	35.203	27.127	0.000
320.0	11.818	35.474	26.993	0.000	370.0	10.766	35.321	27.069	0.000	420.0	9.880	35.199	27.129	0.000
321.0	11.795	35.470	26.994	0.000	371.0	10.754	35.319	27.069	0.000	421.0	9.854	35.198	27.132	0.000
322.0	11.734	35.459	26.997	0.000	372.0	10.749	35.318	27.069	0.000	422.0	9.897	35.199	27.125	0.000
323.0	11.692	35.455	27.002	0.000	373.0	10.740	35.316	27.070	0.000	423.0	9.827	35.189	27.130	0.000
324.0	11.687	35.454	27.002	0.000	374.0	10.733	35.317	27.071	0.000	424.0	9.809	35.189	27.132	0.000
325.0	11.685	35.453	27.001	0.000	375.0	10.718	35.313	27.071	0.000	425.0	9.780	35.186	27.135	0.000
326.0	11.677	35.450	27.001	0.000	376.0	10.679	35.308	27.073	0.000	426.0	9.764	35.184	27.136	0.000
327.0	11.652	35.446	27.002	0.000	377.0	10.649	35.305	27.077	0.000	427.0	9.758	35.183	27.136	0.000
328.0	11.623	35.442	27.005	0.000	378.0	10.701	35.311	27.072	0.000	428.0	9.754	35.182	27.136	0.000
329.0	11.603	35.440	27.007	0.000	379.0	10.623	35.297	27.075	0.000	429.0	9.744	35.180	27.137	0.000
330.0	11.580	35.437	27.009	0.000	380.0	10.550	35.291	27.084	0.000	430.0	9.717	35.176	27.138	0.000
331.0	11.660	35.447	27.001	0.000	381.0	10.527	35.288	27.085	0.000	431.0	9.696	35.172	27.138	0.000
332.0	11.564	35.429	27.006	0.000	382.0	10.486	35.280	27.087	0.000	432.0	9.642	35.167	27.144	0.000
333.0	11.493	35.425	27.016	0.000	383.0	10.445	35.275	27.090	0.000	433.0	9.608	35.164	27.147	0.000
334.0	11.460	35.419	27.018	0.000	384.0	10.417	35.273	27.093	0.000	434.0	9.596	35.163	27.148	0.000
335.0	11.428	35.414	27.020	0.000	385.0	10.401	35.270	27.094	0.000	435.0	9.589	35.162	27.149	0.000
336.0	11.388	35.408	27.023	0.000	386.0	10.381	35.268	27.095	0.000	436.0	9.562	35.158	27.150	0.000
337.0	11.420	35.411	27.019	0.000	387.0	10.413	35.271	27.093	0.000	437.0	9.541	35.156	27.152	0.000
338.0	11.471	35.413	27.011	0.000	388.0	10.352	35.259	27.094	0.000	438.0	9.567	35.162	27.152	0.000
339.0	11.292	35.392	27.028	0.000	389.0	10.313	35.256	27.099	0.000	439.0	9.575	35.156	27.147	0.000
340.0	11.252	35.388	27.032	0.000	390.0	10.290	35.255	27.101	0.000	440.0	9.501	35.149	27.154	0.000
341.0	11.201	35.382	27.037	0.000	391.0	10.273	35.252	27.102	0.000	441.0	9.484	35.150	27.156	0.000
342.0	11.180	35.380	27.039	0.000	392.0	10.260	35.251	27.104	0.000	442.0	9.473	35.149	27.158	0.000
343.0	11.164	35.376	27.040	0.000	393.0	10.274	35.252	27.101	0.000	443.0	9.448	35.145	27.158	0.000
344.0	11.139	35.372	27.041	0.000	394.0	10.289	35.250	27.098	0.000	444.0	9.433	35.144	27.160	0.000
345.0	11.135	35.372	27.041	0.000	395.0	10.227	35.246	27.105	0.000	445.0	9.519	35.148	27.150	0.000
346.0	11.171	35.371	27.034	0.000	396.0	10.217	35.243	27.105	0.000	446.0	9.435	35.138	27.156	0.000
347.0	11.101	35.364	27.041	0.000	397.0	10.212	35.245	27.107	0.000	447.0	9.388	35.137	27.163	0.000
348.0	11.087	35.364	27.044	0.000	398.0	10.206	35.243	27.106	0.000	448.0	9.375	35.136	27.164	0.000
349.0	11.058	35.360	27.046	0.000	399.0	10.186	35.240	27.108	0.000	449.0	9.365	35.134	27.164	0.000
350.0	11.035	35.358	27.048	0.000	400.0	10.172	35.238	27.109	0.000	450.0	9.353	35.133	27.166	0.000
351.0	11.022	35.356	27.049	0.000	401.0	10.163	35.237	27.109	0.000	451.0	9.346	35.133	27.167	0.000
352.0	11.057	35.357	27.044	0.000	402.0	10.156	35.236	27.110	0.000	452.0	9.339	35.132	27.167	0.000
353.0	11.004	35.351	27.049	0.000	403.0	10.146	35.234	27.110	0.000	453.0	9.324	35.130	27.167	0.000

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 LAT 26 29.9 LON 93 52.1 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
454.0	9.291	35.125	27.169	0.000	504.0	8.735	35.061	27.209	0.000	554.0	8.184	35.005	27.250	0.000
455.0	9.265	35.122	27.171	0.000	505.0	8.728	35.061	27.210	0.000	555.0	8.162	34.999	27.249	0.000
456.0	9.248	35.120	27.173	0.000	506.0	8.715	35.060	27.211	0.000	556.0	8.128	35.000	27.255	0.000
457.0	9.238	35.119	27.174	0.000	507.0	8.700	35.059	27.212	0.000	557.0	8.123	35.000	27.255	0.000
458.0	9.228	35.119	27.175	0.000	508.0	8.693	35.058	27.213	0.000	558.0	8.108	34.997	27.256	0.000
459.0	9.219	35.118	27.175	0.000	509.0	8.688	35.056	27.212	0.000	559.0	8.091	34.996	27.257	0.000
460.0	9.208	35.115	27.175	0.000	510.0	8.669	35.054	27.214	0.000	560.0	8.077	34.995	27.259	0.000
461.0	9.188	35.114	27.177	0.000	511.0	8.661	35.053	27.215	0.000	561.0	8.085	34.996	27.258	0.000
462.0	9.169	35.111	27.178	0.000	512.0	8.654	35.053	27.216	0.000	562.0	8.095	34.994	27.255	0.000
463.0	9.141	35.109	27.181	0.000	513.0	8.640	35.051	27.216	0.000	563.0	8.059	34.992	27.259	0.000
464.0	9.127	35.108	27.183	0.000	514.0	8.631	35.050	27.217	0.000	564.0	8.045	34.993	27.262	0.000
465.0	9.151	35.106	27.177	0.000	515.0	8.617	35.049	27.217	0.000	565.0	8.037	34.991	27.262	0.000
466.0	9.122	35.105	27.181	0.000	516.0	8.613	35.048	27.218	0.000	566.0	8.024	34.991	27.263	0.000
467.0	9.096	35.104	27.185	0.000	517.0	8.607	35.047	27.218	0.000	567.0	8.017	34.990	27.264	0.000
468.0	9.085	35.103	27.185	0.000	518.0	8.587	35.045	27.219	0.000	568.0	8.005	34.989	27.265	0.000
469.0	9.081	35.102	27.185	0.000	519.0	8.564	35.044	27.222	0.000	569.0	8.055	34.989	27.257	0.000
470.0	9.077	35.102	27.186	0.000	520.0	8.557	35.043	27.222	0.000	570.0	7.991	34.984	27.263	0.000
471.0	9.101	35.101	27.182	0.000	521.0	8.585	35.043	27.218	0.000	571.0	7.964	34.986	27.268	0.000
472.0	9.096	35.102	27.183	0.000	522.0	8.527	35.039	27.224	0.000	572.0	7.960	34.984	27.268	0.000
473.0	9.065	35.100	27.187	0.000	523.0	8.507	35.038	27.226	0.000	573.0	7.952	34.983	27.268	0.000
474.0	9.063	35.100	27.187	0.000	524.0	8.484	35.036	27.228	0.000	574.0	7.946	34.983	27.269	0.000
475.0	9.057	35.099	27.187	0.000	525.0	8.469	35.035	27.229	0.000	575.0	7.939	34.981	27.269	0.000
476.0	9.053	35.098	27.187	0.000	526.0	8.463	35.034	27.230	0.000	576.0	7.928	34.979	27.269	0.000
477.0	9.048	35.098	27.187	0.000	527.0	8.452	35.032	27.231	0.000	577.0	7.938	34.981	27.269	0.000
478.0	9.070	35.098	27.184	0.000	528.0	8.461	35.029	27.227	0.000	578.0	7.927	34.976	27.267	0.000
479.0	9.051	35.096	27.185	0.000	529.0	8.416	35.027	27.232	0.000	579.0	7.868	34.973	27.272	0.000
480.0	9.021	35.095	27.189	0.000	530.0	8.403	35.027	27.234	0.000	580.0	7.854	34.973	27.275	0.000
481.0	9.005	35.093	27.190	0.000	531.0	8.384	35.025	27.236	0.000	581.0	7.852	34.972	27.274	0.000
482.0	8.986	35.090	27.192	0.000	532.0	8.372	35.025	27.237	0.000	582.0	7.849	34.973	27.275	0.000
483.0	8.972	35.090	27.193	0.000	533.0	8.366	35.024	27.237	0.000	583.0	7.845	34.972	27.275	0.000
484.0	8.958	35.089	27.195	0.000	534.0	8.378	35.024	27.235	0.000	584.0	7.827	34.970	27.276	0.000
485.0	8.978	35.090	27.193	0.000	535.0	8.354	35.021	27.237	0.000	585.0	7.820	34.971	27.278	0.000
486.0	8.990	35.089	27.190	0.000	536.0	8.334	35.019	27.238	0.000	586.0	7.844	34.968	27.272	0.000
487.0	8.938	35.084	27.194	0.000	537.0	8.321	35.018	27.240	0.000	587.0	7.816	34.967	27.276	0.000
488.0	8.919	35.084	27.197	0.000	538.0	8.315	35.018	27.240	0.000	588.0	7.781	34.966	27.281	0.000
489.0	8.910	35.082	27.198	0.000	539.0	8.319	35.017	27.239	0.000	589.0	7.775	34.966	27.281	0.000
490.0	8.905	35.082	27.198	0.000	540.0	8.323	35.016	27.238	0.000	590.0	7.768	34.966	27.282	0.000
491.0	8.917	35.081	27.196	0.000	541.0	8.292	35.014	27.241	0.000	591.0	7.756	34.964	27.283	0.000
492.0	8.950	35.083	27.192	0.000	542.0	8.279	35.013	27.242	0.000	592.0	7.752	34.965	27.283	0.000
493.0	8.864	35.075	27.200	0.000	543.0	8.273	35.012	27.242	0.000	593.0	7.778	34.966	27.281	0.000
494.0	8.842	35.075	27.203	0.000	544.0	8.264	35.012	27.244	0.000	594.0	7.764	34.963	27.280	0.000
495.0	8.832	35.073	27.202	0.000	545.0	8.259	35.010	27.243	0.000	595.0	7.738	34.964	27.285	0.000
496.0	8.827	35.074	27.204	0.000	546.0	8.243	35.009	27.245	0.000	596.0	7.729	34.963	27.286	0.000
497.0	8.837	35.072	27.201	0.000	547.0	8.237	35.009	27.245	0.000	597.0	7.719	34.962	27.286	0.000
498.0	8.795	35.068	27.205	0.000	548.0	8.230	35.008	27.246	0.000	598.0	7.708	34.962	27.288	0.000
499.0	8.767	35.066	27.207	0.000	549.0	8.210	35.006	27.247	0.000	599.0	7.697	34.961	27.288	0.000
500.0	8.757	35.064	27.208	0.000	550.0	8.197	35.007	27.250	0.000	600.0	7.686	34.960	27.289	0.000
501.0	8.751	35.065	27.209	0.000	551.0	8.191	35.006	27.250	0.000	601.0	7.710	34.960	27.286	0.000
502.0	8.773	35.065	27.206	0.000	552.0	8.185	35.005	27.250	0.000	602.0	7.691	34.957	27.286	0.000
503.0	8.760	35.063	27.206	0.000	553.0	8.178	35.004	27.250	0.000	603.0	7.651	34.957	27.292	0.000



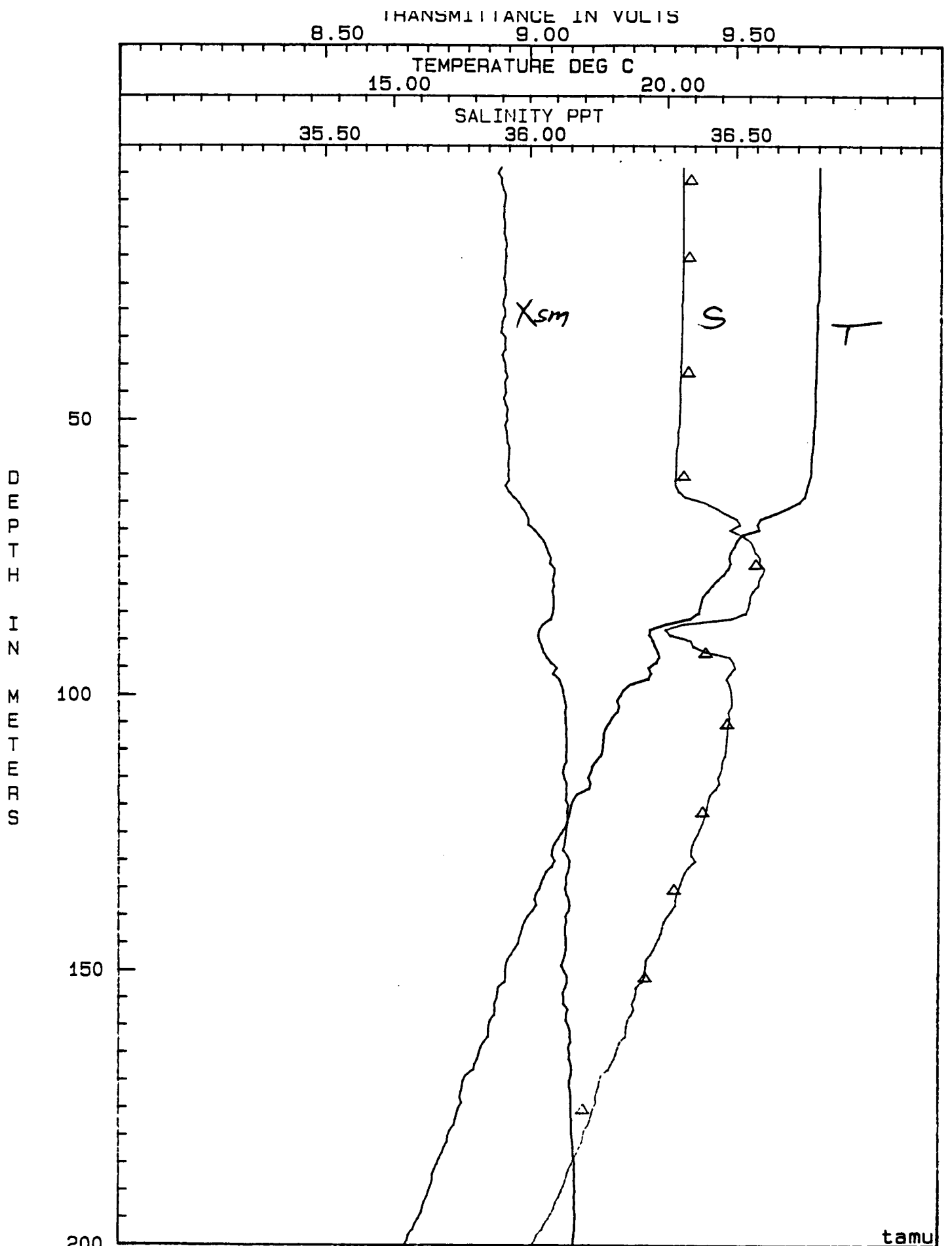
STATION SBE034.AUG:: CRUISE 91g02 DATE & TIME Wed Mar 06 16:51:30 1991, Julian day = 65  
 LAT 26 29.9 LON 93 52.1 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
604.0	7.642	34.955	27.292	0.000	654.0	7.144	34.920	27.336	0.000	704.0	6.686	34.899	27.383	0.000
605.0	7.634	34.956	27.294	0.000	655.0	7.172	34.917	27.329	0.000	705.0	6.681	34.899	27.384	0.000
606.0	7.620	34.954	27.295	0.000	656.0	7.109	34.917	27.339	0.000	706.0	6.667	34.898	27.384	0.000
607.0	7.605	34.954	27.297	0.000	657.0	7.091	34.916	27.341	0.000	707.0	6.644	34.898	27.388	0.000
608.0	7.606	34.954	27.297	0.000	658.0	7.079	34.915	27.341	0.000	708.0	6.640	34.898	27.388	0.000
609.0	7.638	34.953	27.291	0.000	659.0	7.071	34.916	27.343	0.000	709.0	6.636	34.897	27.388	0.000
610.0	7.616	34.951	27.293	0.000	660.0	7.076	34.916	27.342	0.000	710.0	6.625	34.898	27.390	0.000
611.0	7.571	34.951	27.299	0.000	661.0	7.054	34.916	27.345	0.000	711.0	6.611	34.896	27.391	0.000
612.0	7.565	34.950	27.300	0.000	662.0	7.039	34.917	27.348	0.000	712.0	6.605	34.896	27.391	0.000
613.0	7.559	34.950	27.300	0.000	663.0	7.031	34.915	27.348	0.000	713.0	6.593	34.896	27.393	0.000
614.0	7.545	34.948	27.301	0.000	664.0	7.024	34.915	27.349	0.000	714.0	6.584	34.896	27.394	0.000
615.0	7.519	34.947	27.304	0.000	665.0	7.012	34.916	27.351	0.000	715.0	6.559	34.895	27.397	0.000
616.0	7.527	34.949	27.304	0.000	666.0	7.001	34.915	27.352	0.000	716.0	6.545	34.895	27.399	0.000
617.0	7.543	34.944	27.298	0.000	667.0	6.995	34.912	27.351	0.000	717.0	6.532	34.895	27.400	0.000
618.0	7.462	34.941	27.307	0.000	668.0	6.975	34.913	27.354	0.000	718.0	6.512	34.894	27.402	0.000
619.0	7.447	34.941	27.309	0.000	669.0	6.968	34.912	27.354	0.000	719.0	6.502	34.894	27.404	0.000
620.0	7.431	34.939	27.310	0.000	670.0	6.962	34.912	27.355	0.000	720.0	6.495	34.894	27.405	0.000
621.0	7.407	34.938	27.313	0.000	671.0	6.952	34.910	27.355	0.000	721.0	6.488	34.894	27.405	0.000
622.0	7.401	34.937	27.312	0.000	672.0	6.932	34.909	27.357	0.000	722.0	6.479	34.893	27.406	0.000
623.0	7.398	34.936	27.313	0.000	673.0	6.920	34.909	27.358	0.000	723.0	6.475	34.893	27.406	0.000
624.0	7.393	34.935	27.312	0.000	674.0	6.914	34.909	27.359	0.000	724.0	6.456	34.892	27.408	0.000
625.0	7.368	34.933	27.314	0.000	675.0	6.899	34.908	27.360	0.000	725.0	6.450	34.893	27.409	0.000
626.0	7.360	34.933	27.315	0.000	676.0	6.880	34.908	27.363	0.000	726.0	6.449	34.892	27.409	0.000
627.0	7.359	34.932	27.315	0.000	677.0	6.882	34.907	27.362	0.000	727.0	6.444	34.893	27.410	0.000
628.0	7.354	34.932	27.315	0.000	678.0	6.878	34.904	27.361	0.000	728.0	6.443	34.892	27.410	0.000
629.0	7.344	34.931	27.316	0.000	679.0	6.863	34.906	27.364	0.000	729.0	6.442	34.892	27.410	0.000
630.0	7.335	34.929	27.316	0.000	680.0	6.856	34.906	27.365	0.000	730.0	6.441	34.892	27.410	0.000
631.0	7.328	34.930	27.318	0.000	681.0	6.849	34.905	27.365	0.000	731.0	6.439	34.891	27.410	0.000
632.0	7.323	34.931	27.319	0.000	682.0	6.842	34.905	27.366	0.000	732.0	6.436	34.892	27.411	0.000
633.0	7.308	34.930	27.321	0.000	683.0	6.833	34.905	27.367	0.000	733.0	6.431	34.892	27.411	0.000
634.0	7.297	34.929	27.321	0.000	684.0	6.825	34.905	27.368	0.000	734.0	6.428	34.892	27.412	0.000
635.0	7.283	34.928	27.322	0.000	685.0	6.834	34.905	27.367	0.000	735.0	6.425	34.892	27.412	0.000
636.0	7.273	34.927	27.323	0.000	686.0	6.839	34.903	27.365	0.000	736.0	6.420	34.891	27.412	0.000
637.0	7.270	34.928	27.325	0.000	687.0	6.804	34.904	27.371	0.000	737.0	6.416	34.891	27.413	0.000
638.0	7.262	34.928	27.325	0.000	688.0	6.801	34.904	27.371	0.000	738.0	6.411	34.891	27.413	0.000
639.0	7.256	34.928	27.326	0.000	689.0	6.800	34.904	27.371	0.000	739.0	6.408	34.891	27.413	0.000
640.0	7.261	34.927	27.325	0.000	690.0	6.799	34.905	27.372	0.000	740.0	6.403	34.892	27.415	0.000
641.0	7.269	34.926	27.323	0.000	691.0	6.798	34.903	27.371	0.000	741.0	6.397	34.891	27.415	0.000
642.0	7.243	34.926	27.327	0.000	692.0	6.794	34.904	27.372	0.000	742.0	6.384	34.891	27.417	0.000
643.0	7.224	34.923	27.327	0.000	693.0	6.802	34.901	27.368	0.000	743.0	6.376	34.891	27.418	0.000
644.0	7.194	34.923	27.331	0.000	694.0	6.757	34.902	27.376	0.000	744.0	6.371	34.890	27.418	0.000
645.0	7.184	34.921	27.331	0.000	695.0	6.753	34.902	27.376	0.000	745.0	6.377	34.890	27.417	0.000
646.0	7.174	34.924	27.335	0.000	696.0	6.745	34.901	27.376	0.000	746.0	6.356	34.890	27.420	0.000
647.0	7.175	34.922	27.333	0.000	697.0	6.737	34.901	27.377	0.000	747.0	6.332	34.891	27.424	0.000
648.0	7.173	34.921	27.333	0.000	698.0	6.733	34.901	27.378	0.000	748.0	6.323	34.891	27.425	0.000
649.0	7.201	34.922	27.329	0.000	699.0	6.728	34.901	27.378	0.000	749.0	6.319	34.891	27.425	0.000
650.0	7.173	34.919	27.331	0.000	700.0	6.723	34.901	27.380	0.000	750.0	6.316	34.891	27.426	0.000
651.0	7.144	34.920	27.336	0.000	701.0	6.719	34.900	27.379	0.000	751.0	6.315	34.890	27.426	0.000
652.0	7.137	34.920	27.337	0.000	702.0	6.732	34.900	27.377	0.000	752.0	6.314	34.890	27.425	0.000
653.0	7.136	34.920	27.337	0.000	703.0	6.699	34.897	27.380	0.000	753.0	6.311	34.890	27.426	0.000

STATION SBE034.AVG:: CRUISE 91g02 DATE & TIME Wed Mar 06 16:51:30 1991, Julian day = 65  
 LAT 26 29.9 LON 93 52.1 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
754.0	6.309	34.890	27.426	0.000	804.0	5.999	34.889	27.465	0.000	854.0	5.789	34.892	27.494	0.000
755.0	6.303	34.890	27.426	0.000	805.0	5.990	34.889	27.467	0.000	855.0	5.784	34.892	27.495	0.000
756.0	6.299	34.890	27.427	0.000	806.0	5.980	34.889	27.468	0.000	856.0	5.769	34.892	27.497	0.000
757.0	6.287	34.891	27.429	0.000	807.0	5.969	34.889	27.469	0.000	857.0	5.782	34.890	27.494	0.000
758.0	6.278	34.891	27.431	0.000	808.0	5.964	34.889	27.470	0.000	858.0	5.769	34.890	27.495	0.000
759.0	6.271	34.890	27.431	0.000	809.0	5.956	34.889	27.471	0.000	859.0	5.752	34.892	27.499	0.000
760.0	6.266	34.891	27.432	0.000	810.0	5.952	34.890	27.472	0.000	860.0	5.748	34.893	27.500	0.000
761.0	6.262	34.890	27.432	0.000	811.0	5.951	34.890	27.472	0.000	861.0	5.743	34.893	27.501	0.000
762.0	6.259	34.891	27.433	0.000	812.0	5.950	34.890	27.472	0.000	862.0	5.737	34.893	27.501	0.000
763.0	6.257	34.891	27.434	0.000	813.0	5.948	34.890	27.472	0.000	863.0	5.728	34.893	27.503	0.000
764.0	6.253	34.890	27.434	0.000	814.0	5.945	34.890	27.473	0.000	864.0	5.718	34.893	27.504	0.000
765.0	6.249	34.893	27.436	0.000	815.0	5.939	34.890	27.474	0.000	865.0	5.718	34.892	27.503	0.000
766.0	6.244	34.892	27.437	0.000	816.0	5.933	34.890	27.475	0.000	866.0	5.708	34.892	27.504	0.000
767.0	6.243	34.888	27.433	0.000	817.0	5.927	34.890	27.475	0.000	867.0	5.705	34.892	27.505	0.000
768.0	6.241	34.889	27.434	0.000	818.0	5.926	34.890	27.475	0.000	868.0	5.696	34.894	27.507	0.000
769.0	6.237	34.889	27.435	0.000	819.0	5.926	34.890	27.475	0.000	869.0	5.693	34.893	27.507	0.000
770.0	6.235	34.889	27.435	0.000	820.0	5.924	34.890	27.476	0.000	870.0	5.691	34.893	27.508	0.000
771.0	6.231	34.890	27.436	0.000	821.0	5.920	34.890	27.476	0.000	871.0	5.690	34.893	27.507	0.000
772.0	6.222	34.890	27.437	0.000	822.0	5.915	34.889	27.477	0.000	872.0	5.686	34.893	27.508	0.000
773.0	6.215	34.890	27.438	0.000	823.0	5.903	34.890	27.478	0.000	873.0	5.679	34.893	27.509	0.000
774.0	6.211	34.891	27.439	0.000	824.0	5.897	34.890	27.479	0.000	874.0	5.677	34.892	27.509	0.000
775.0	6.202	34.889	27.439	0.000	825.0	5.888	34.890	27.480	0.000	875.0	5.676	34.892	27.508	0.000
776.0	6.185	34.889	27.442	0.000	826.0	5.881	34.890	27.481	0.000	876.0	5.672	34.893	27.510	0.000
777.0	6.175	34.889	27.443	0.000	827.0	5.873	34.890	27.482	0.000	877.0	5.665	34.894	27.511	0.000
778.0	6.168	34.890	27.445	0.000	828.0	5.867	34.890	27.483	0.000	878.0	5.653	34.894	27.512	0.000
779.0	6.159	34.890	27.445	0.000	829.0	5.863	34.891	27.484	0.000	879.0	5.644	34.894	27.514	0.000
780.0	6.152	34.890	27.447	0.000	830.0	5.863	34.891	27.484	0.000	880.0	5.639	34.894	27.515	0.000
781.0	6.145	34.890	27.447	0.000	831.0	5.861	34.891	27.484	0.000	881.0	5.634	34.894	27.516	0.000
782.0	6.137	34.890	27.448	0.000	832.0	5.858	34.890	27.484	0.000	882.0	5.629	34.894	27.516	0.000
783.0	6.127	34.891	27.450	0.000	833.0	5.855	34.890	27.484	0.000	883.0	5.624	34.896	27.518	0.000
784.0	6.123	34.890	27.450	0.000	834.0	5.853	34.890	27.485	0.000	884.0	5.623	34.895	27.518	0.000
785.0	6.116	34.889	27.448	0.000	835.0	5.850	34.891	27.486	0.000	885.0	5.622	34.894	27.517	0.000
786.0	6.117	34.889	27.451	0.000	836.0	5.846	34.891	27.486	0.000	886.0	5.620	34.894	27.518	0.000
787.0	6.112	34.890	27.451	0.000	837.0	5.845	34.891	27.486	0.000	887.0	5.618	34.895	27.518	0.000
788.0	6.109	34.889	27.451	0.000	838.0	5.843	34.891	27.487	0.000	888.0	5.617	34.894	27.518	0.000
789.0	6.097	34.889	27.453	0.000	839.0	5.836	34.890	27.487	0.000	889.0	5.614	34.895	27.519	0.000
790.0	6.089	34.890	27.455	0.000	840.0	5.828	34.891	27.489	0.000	890.0	5.612	34.897	27.520	0.000
791.0	6.083	34.890	27.455	0.000	841.0	5.825	34.892	27.490	0.000	891.0	5.612	34.896	27.519	0.000
792.0	6.084	34.890	27.455	0.000	842.0	5.825	34.891	27.489	0.000	892.0	5.612	34.895	27.519	0.000
793.0	6.074	34.889	27.456	0.000	843.0	5.824	34.891	27.489	0.000	893.0	5.611	34.894	27.518	0.000
794.0	6.062	34.890	27.458	0.000	844.0	5.824	34.890	27.488	0.000	894.0	5.606	34.894	27.519	0.000
795.0	6.050	34.889	27.459	0.000	845.0	5.822	34.891	27.490	0.000	895.0	5.600	34.895	27.521	0.000
796.0	6.039	34.890	27.461	0.000	846.0	5.821	34.891	27.490	0.000	896.0	5.594	34.896	27.522	0.000
797.0	6.033	34.891	27.462	0.000	847.0	5.816	34.891	27.490	0.000	897.0	5.588	34.896	27.523	0.000
798.0	6.028	34.890	27.462	0.000	848.0	5.810	34.892	27.492	0.000	898.0	5.590	34.896	27.522	0.000
799.0	6.023	34.889	27.463	0.000	849.0	5.809	34.892	27.492	0.000	899.0	5.602	34.894	27.519	0.000
800.0	6.012	34.890	27.465	0.000	850.0	5.819	34.890	27.489	0.000	900.0	5.577	34.896	27.524	0.000
801.0	6.011	34.889	27.464	0.000	851.0	5.807	34.891	27.491	0.000	901.0	5.568	34.896	27.525	0.000
802.0	6.008	34.889	27.465	0.000	852.0	5.793	34.891	27.493	0.000	902.0	5.563	34.897	27.526	0.000
803.0	6.004	34.889	27.465	0.000	853.0	5.790	34.892	27.494	0.000	903.0	5.559	34.896	27.527	0.000





CRUISE: 91g02 STATION: SBE034.A DATE: Mar 06 16: 51: 30 1991  
 LATITUDE: 26 29.9 LONGITUDE: 93 52.1  
 TRIANGLES DENOTE DISCRETE SAMPLES

STATION SBE035.AUG:: CRUISE 91G02 DATE & TIME Wed Mar 06 20:19:24 1991, Julian day = 65  
 LAT 26 48.7 N LUN 93 52.5 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
5.0	21.302	36.269	25.379	8.635	55.0	20.763	36.347	25.585	8.831	105.0	19.183	36.475	26.103	9.052
6.0	21.307	36.269	25.378	8.643	56.0	20.760	36.346	25.586	8.824	106.0	19.059	36.478	26.137	9.048
7.0	21.314	36.269	25.375	8.648	57.0	20.759	36.347	25.586	8.829	107.0	19.019	36.481	26.150	9.050
8.0	21.312	36.269	25.376	8.706	58.0	20.758	36.347	25.587	8.825	108.0	19.015	36.482	26.152	9.059
9.0	21.304	36.271	25.379	8.756	59.0	20.757	36.347	25.588	8.836	109.0	18.986	36.468	26.149	9.061
10.0	21.301	36.266	25.377	8.778	60.0	20.755	36.346	25.587	8.842	110.0	18.891	36.468	26.173	9.060
11.0	21.302	36.270	25.380	8.776	61.0	20.754	36.346	25.587	8.842	111.0	18.831	36.463	26.185	9.057
12.0	21.305	36.269	25.378	8.797	62.0	20.753	36.346	25.588	8.847	112.0	18.766	36.461	26.200	9.055
13.0	21.286	36.270	25.384	8.820	63.0	20.750	36.346	25.589	8.844	113.0	18.646	36.450	26.222	9.049
14.0	21.287	36.270	25.384	8.826	64.0	20.746	36.346	25.590	8.860	114.0	18.553	36.448	26.244	9.051
15.0	21.277	36.271	25.387	8.825	65.0	20.743	36.346	25.591	8.875	115.0	18.522	36.453	26.255	9.060
16.0	21.275	36.271	25.387	8.826	66.0	20.741	36.346	25.591	8.878	116.0	18.482	36.443	26.258	9.063
17.0	21.270	36.271	25.389	8.826	67.0	20.741	36.344	25.589	8.890	117.0	18.336	36.428	26.284	9.065
18.0	21.239	36.271	25.397	8.818	68.0	20.740	36.345	25.591	8.892	118.0	18.260	36.419	26.296	9.062
19.0	21.215	36.272	25.405	8.819	69.0	20.738	36.345	25.591	8.897	119.0	18.213	36.416	26.305	9.061
20.0	21.215	36.272	25.405	8.817	70.0	20.736	36.345	25.592	8.909	120.0	18.174	36.409	26.309	9.060
21.0	21.215	36.272	25.405	8.816	71.0	20.735	36.345	25.592	8.923	121.0	18.164	36.404	26.309	9.069
22.0	21.219	36.272	25.404	8.817	72.0	20.735	36.345	25.592	8.933	122.0	18.118	36.399	26.315	9.070
23.0	21.216	36.271	25.404	8.820	73.0	20.734	36.344	25.591	8.944	123.0	18.096	36.396	26.319	9.066
24.0	21.174	36.272	25.417	8.811	74.0	20.734	36.344	25.592	8.945	124.0	18.063	36.392	26.324	9.065
25.0	21.148	36.275	25.426	8.817	75.0	20.733	36.344	25.592	8.944	125.0	17.995	36.384	26.335	9.064
26.0	21.133	36.277	25.432	8.812	76.0	20.733	36.344	25.592	8.949	126.0	17.927	36.382	26.350	9.070
27.0	21.122	36.280	25.437	8.811	77.0	20.732	36.345	25.593	8.962	127.0	17.761	36.358	26.374	9.076
28.0	21.116	36.282	25.439	8.818	78.0	20.732	36.344	25.592	8.962	128.0	17.617	36.343	26.397	9.077
29.0	21.094	36.286	25.449	8.812	79.0	20.732	36.343	25.592	8.966	129.0	17.549	36.337	26.409	9.074
30.0	21.081	36.289	25.455	8.810	80.0	20.731	36.343	25.592	8.973	130.0	17.512	36.335	26.416	9.067
31.0	21.071	36.293	25.460	8.808	81.0	20.731	36.343	25.592	8.973	131.0	17.502	36.333	26.417	9.069
32.0	21.064	36.296	25.465	8.811	82.0	20.731	36.343	25.592	8.976	132.0	17.479	36.330	26.421	9.074
33.0	21.053	36.297	25.468	8.813	83.0	20.737	36.347	25.593	8.976	133.0	17.433	36.324	26.427	9.075
34.0	21.046	36.298	25.472	8.809	84.0	20.741	36.350	25.594	8.981	134.0	17.401	36.320	26.432	9.073
35.0	21.032	36.302	25.479	8.808	85.0	20.727	36.348	25.596	8.991	135.0	17.367	36.316	26.438	9.068
36.0	21.023	36.305	25.483	8.816	86.0	20.719	36.352	25.602	9.001	136.0	17.353	36.316	26.440	9.066
37.0	21.014	36.307	25.487	8.817	87.0	20.707	36.359	25.610	9.005	137.0	17.341	36.314	26.442	9.065
38.0	21.007	36.309	25.490	8.819	88.0	20.691	36.368	25.621	9.011	138.0	17.319	36.310	26.444	9.074
39.0	20.994	36.312	25.496	8.819	89.0	20.633	36.410	25.669	9.020	139.0	17.277	36.302	26.448	9.079
40.0	20.978	36.316	25.504	8.823	90.0	20.591	36.438	25.702	9.029	140.0	17.217	36.294	26.457	9.077
41.0	20.952	36.321	25.514	8.829	91.0	20.494	36.474	25.755	9.037	141.0	17.145	36.284	26.466	9.076
42.0	20.924	36.324	25.524	8.835	92.0	20.418	36.487	25.786	9.037	142.0	17.073	36.276	26.478	9.080
43.0	20.908	36.328	25.532	8.838	93.0	20.396	36.492	25.795	9.035	143.0	17.038	36.272	26.483	9.086
44.0	20.888	36.332	25.541	8.839	94.0	20.350	36.503	25.817	9.030	144.0	17.005	36.268	26.488	9.088
45.0	20.856	36.335	25.552	8.840	95.0	20.301	36.511	25.836	9.036	145.0	16.968	36.262	26.492	9.088
46.0	20.834	36.337	25.559	8.822	96.0	20.223	36.522	25.865	9.047	146.0	16.897	36.247	26.498	9.084
47.0	20.826	36.338	25.562	8.823	97.0	20.140	36.530	25.894	9.047	147.0	16.734	36.225	26.520	9.087
48.0	20.813	36.338	25.566	8.822	98.0	20.114	36.528	25.898	9.041	148.0	16.708	36.225	26.526	9.082
49.0	20.796	36.341	25.572	8.812	99.0	20.063	36.523	25.908	9.042	149.0	16.701	36.224	26.527	9.080
50.0	20.778	36.343	25.579	8.815	100.0	20.018	36.511	25.912	9.037	150.0	16.691	36.223	26.528	9.067
51.0	20.763	36.343	25.583	8.822	101.0	19.773	36.480	25.953	9.051	151.0	16.685	36.221	26.528	9.085
52.0	20.761	36.344	25.584	8.818	102.0	19.733	36.493	25.973	9.056	152.0	16.631	36.208	26.531	9.087
53.0	20.763	36.345	25.585	8.822	103.0	19.422	36.483	26.047	9.057	153.0	16.552	36.198	26.542	9.086
54.0	20.763	36.347	25.585	8.825	104.0	19.256	36.479	26.087	9.054	154.0	16.492	36.193	26.552	9.085

STATION SBE035.AVG:: CRUISE 91G02 DATE & TIME Wed Mar 06 20:19:24 1991, Julian day = 65  
 LAT 26 48.7 N LON 93 52.5 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
155.0	16.477	36.190	26.554	9.085	205.0	14.620	35.910	26.758	0.000	255.0	12.784	35.624	26.920	0.000
156.0	16.454	36.188	26.557	9.090	206.0	14.578	35.905	26.763	0.000	256.0	12.726	35.610	26.921	0.000
157.0	16.440	36.185	26.558	9.094	207.0	14.546	35.898	26.765	0.000	257.0	12.666	35.602	26.927	0.000
158.0	16.374	36.174	26.565	9.091	208.0	14.514	35.891	26.767	0.000	258.0	12.625	35.598	26.932	0.000
159.0	16.328	36.168	26.572	9.086	209.0	14.460	35.884	26.773	0.000	259.0	12.574	35.591	26.937	0.000
160.0	16.257	36.160	26.582	9.083	210.0	14.434	35.880	26.776	0.000	260.0	12.548	35.588	26.939	0.000
161.0	16.197	36.154	26.591	9.078	211.0	14.385	35.872	26.780	0.000	261.0	12.543	35.584	26.938	0.000
162.0	16.173	36.151	26.594	9.085	212.0	14.353	35.869	26.784	0.000	262.0	12.495	35.578	26.942	0.000
163.0	16.170	36.153	26.597	9.093	213.0	14.338	35.867	26.786	0.000	263.0	12.460	35.570	26.943	0.000
164.0	16.117	36.140	26.599	9.092	214.0	14.290	35.858	26.790	0.000	264.0	12.443	35.568	26.945	0.000
165.0	16.064	36.134	26.606	9.091	215.0	14.257	35.855	26.794	0.000	265.0	12.393	35.559	26.948	0.000
166.0	16.048	36.132	26.608	9.092	216.0	14.198	35.843	26.797	0.000	266.0	12.359	35.557	26.953	0.000
167.0	16.014	36.125	26.611	9.094	217.0	14.185	35.841	26.799	0.000	267.0	12.331	35.551	26.954	0.000
168.0	15.957	36.118	26.619	9.092	218.0	14.167	35.837	26.800	0.000	268.0	12.266	35.542	26.959	0.000
169.0	15.926	36.113	26.623	9.093	219.0	14.091	35.824	26.806	0.000	269.0	12.237	35.541	26.964	0.000
170.0	15.879	36.106	26.628	9.093	220.0	14.033	35.818	26.814	0.000	270.0	12.191	35.532	26.967	0.000
171.0	15.862	36.103	26.629	9.092	221.0	13.989	35.810	26.817	0.000	271.0	12.162	35.527	26.968	0.000
172.0	15.851	36.100	26.629	9.092	222.0	13.980	35.811	26.820	0.000	272.0	12.116	35.520	26.971	0.000
173.0	15.818	36.093	26.632	9.091	223.0	13.926	35.799	26.822	0.000	273.0	12.093	35.517	26.974	0.000
174.0	15.789	36.089	26.635	9.091	224.0	13.899	35.796	26.825	0.000	274.0	12.083	35.516	26.975	0.000
175.0	15.765	36.086	26.638	9.094	225.0	13.877	35.793	26.827	0.000	275.0	12.079	35.515	26.975	0.000
176.0	15.732	36.081	26.642	9.093	226.0	13.846	35.789	26.830	0.000	276.0	12.073	35.513	26.975	0.000
177.0	15.691	36.075	26.646	9.094	227.0	13.813	35.784	26.833	0.000	277.0	12.056	35.510	26.975	0.000
178.0	15.649	36.066	26.650	9.091	228.0	13.790	35.779	26.834	0.000	278.0	12.021	35.504	26.978	0.000
179.0	15.602	36.061	26.656	9.089	229.0	13.731	35.769	26.839	0.000	279.0	12.004	35.502	26.979	0.000
180.0	15.561	36.055	26.661	9.094	230.0	13.671	35.759	26.844	0.000	280.0	11.992	35.501	26.981	0.000
181.0	15.464	36.041	26.672	9.095	231.0	13.624	35.753	26.849	0.000	281.0	11.978	35.499	26.982	0.000
182.0	15.437	36.035	26.673	9.090	232.0	13.534	35.736	26.855	0.000	282.0	11.950	35.496	26.984	0.000
183.0	15.365	36.021	26.679	9.087	233.0	13.416	35.721	26.867	0.000	283.0	11.923	35.490	26.985	0.000
184.0	15.299	36.017	26.690	9.083	234.0	13.366	35.716	26.874	0.000	284.0	11.898	35.485	26.986	0.000
185.0	15.271	36.014	26.695	9.084	235.0	13.303	35.705	26.878	0.000	285.0	11.825	35.473	26.990	0.000
186.0	15.258	36.013	26.697	9.087	236.0	13.267	35.695	26.877	0.000	286.0	11.790	35.470	26.995	0.000
187.0	15.269	36.009	26.691	9.096	237.0	13.193	35.688	26.887	0.000	287.0	11.752	35.463	26.997	0.000
188.0	15.239	36.007	26.697	9.095	238.0	13.175	35.687	26.890	0.000	288.0	11.717	35.461	27.001	0.000
189.0	15.226	36.005	26.697	9.094	239.0	13.172	35.686	26.890	0.000	289.0	11.707	35.460	27.003	0.000
190.0	15.199	35.999	26.699	9.090	240.0	13.149	35.683	26.892	0.000	290.0	11.678	35.454	27.004	0.000
191.0	15.154	35.994	26.705	9.089	241.0	13.118	35.673	26.891	0.000	291.0	11.669	35.452	27.004	0.000
192.0	15.124	35.990	26.709	9.088	242.0	13.105	35.672	26.893	0.000	292.0	11.665	35.452	27.005	0.000
193.0	15.105	35.987	26.711	9.090	243.0	13.084	35.669	26.895	0.000	293.0	11.659	35.451	27.005	0.000
194.0	15.059	35.979	26.715	9.093	244.0	13.059	35.666	26.898	0.000	294.0	11.647	35.448	27.005	0.000
195.0	15.012	35.972	26.720	9.095	245.0	13.052	35.666	26.899	0.000	295.0	11.665	35.450	27.003	0.000
196.0	14.993	35.967	26.720	9.091	246.0	13.040	35.662	26.899	0.000	296.0	11.626	35.445	27.006	0.000
197.0	14.926	35.957	26.727	9.096	247.0	13.065	35.664	26.895	0.000	297.0	11.600	35.441	27.009	0.000
198.0	14.875	35.950	26.734	9.094	248.0	12.947	35.647	26.906	0.000	298.0	11.584	35.439	27.010	0.000
199.0	14.824	35.943	26.739	9.089	249.0	12.921	35.643	26.907	0.000	299.0	11.567	35.437	27.011	0.000
200.0	14.790	35.937	26.742	9.082	250.0	12.913	35.641	26.908	0.000	300.0	11.558	35.436	27.012	0.000
201.0	14.726	35.927	26.748	0.000	251.0	12.905	35.640	26.909	0.000	301.0	11.545	35.433	27.013	0.000
202.0	14.693	35.925	26.754	0.000	252.0	12.895	35.638	26.909	0.000	302.0	11.510	35.429	27.016	0.000
203.0	14.691	35.924	26.753	0.000	253.0	12.859	35.633	26.912	0.000	303.0	11.495	35.425	27.016	0.000
204.0	14.655	35.916	26.756	0.000	254.0	12.816	35.625	26.915	0.000	304.0	11.490	35.425	27.016	0.000

STATION SBEO35.AUG:: CRUISE 91G02 DATE & TIME Wed Mar 06 20:19:24 1991, Julian day = 65  
 LAT 26 48.7 N LON 93 52.5 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
305.0	11.486	35.424	27.017	0.000	355.0	10.543	35.288	27.083	0.000	405.0	9.602	35.154	27.140	0.000
306.0	11.476	35.422	27.017	0.000	356.0	10.543	35.288	27.083	0.000	406.0	9.550	35.151	27.146	0.000
307.0	11.456	35.419	27.018	0.000	357.0	10.540	35.287	27.082	0.000	407.0	9.529	35.148	27.148	0.000
308.0	11.454	35.419	27.019	0.000	358.0	10.548	35.287	27.081	0.000	408.0	9.507	35.146	27.150	0.000
309.0	11.438	35.416	27.019	0.000	359.0	10.540	35.285	27.081	0.000	409.0	9.505	35.146	27.150	0.000
310.0	11.405	35.411	27.022	0.000	360.0	10.523	35.282	27.081	0.000	410.0	9.494	35.145	27.151	0.000
311.0	11.401	35.411	27.023	0.000	361.0	10.507	35.281	27.084	0.000	411.0	9.461	35.137	27.151	0.000
312.0	11.401	35.412	27.023	0.000	362.0	10.495	35.279	27.084	0.000	412.0	9.416	35.135	27.156	0.000
313.0	11.412	35.412	27.021	0.000	363.0	10.470	35.277	27.087	0.000	413.0	9.393	35.132	27.158	0.000
314.0	11.399	35.409	27.021	0.000	364.0	10.469	35.277	27.087	0.000	414.0	9.360	35.128	27.160	0.000
315.0	11.366	35.405	27.025	0.000	365.0	10.467	35.275	27.086	0.000	415.0	9.329	35.124	27.162	0.000
316.0	11.358	35.404	27.025	0.000	366.0	10.429	35.269	27.088	0.000	416.0	9.303	35.122	27.165	0.000
317.0	11.351	35.403	27.025	0.000	367.0	10.391	35.266	27.092	0.000	417.0	9.300	35.119	27.163	0.000
318.0	11.326	35.399	27.027	0.000	368.0	10.328	35.256	27.095	0.000	418.0	9.235	35.113	27.169	0.000
319.0	11.324	35.399	27.027	0.000	369.0	10.300	35.254	27.099	0.000	419.0	9.209	35.111	27.172	0.000
320.0	11.314	35.396	27.027	0.000	370.0	10.283	35.251	27.099	0.000	420.0	9.197	35.108	27.171	0.000
321.0	11.290	35.393	27.029	0.000	371.0	10.271	35.250	27.101	0.000	421.0	9.171	35.106	27.174	0.000
322.0	11.263	35.391	27.032	0.000	372.0	10.244	35.244	27.101	0.000	422.0	9.161	35.105	27.175	0.000
323.0	11.256	35.389	27.032	0.000	373.0	10.202	35.240	27.104	0.000	423.0	9.169	35.104	27.173	0.000
324.0	11.222	35.384	27.035	0.000	374.0	10.163	35.233	27.106	0.000	424.0	9.168	35.104	27.173	0.000
325.0	11.194	35.381	27.037	0.000	375.0	10.140	35.233	27.110	0.000	425.0	9.134	35.101	27.176	0.000
326.0	11.185	35.378	27.037	0.000	376.0	10.135	35.231	27.110	0.000	426.0	9.125	35.099	27.176	0.000
327.0	11.157	35.373	27.039	0.000	377.0	10.158	35.232	27.106	0.000	427.0	9.104	35.097	27.178	0.000
328.0	11.121	35.370	27.043	0.000	378.0	10.104	35.224	27.110	0.000	428.0	9.097	35.097	27.179	0.000
329.0	11.113	35.368	27.042	0.000	379.0	10.064	35.217	27.111	0.000	429.0	9.100	35.096	27.177	0.000
330.0	11.100	35.366	27.043	0.000	380.0	10.028	35.217	27.117	0.000	430.0	9.089	35.093	27.177	0.000
331.0	11.060	35.361	27.046	0.000	381.0	10.028	35.216	27.116	0.000	431.0	9.050	35.090	27.181	0.000
332.0	11.038	35.361	27.050	0.000	382.0	10.027	35.215	27.115	0.000	432.0	9.021	35.088	27.184	0.000
333.0	11.059	35.358	27.044	0.000	383.0	10.006	35.212	27.117	0.000	433.0	9.011	35.087	27.185	0.000
334.0	10.973	35.347	27.052	0.000	384.0	9.988	35.210	27.118	0.000	434.0	9.009	35.087	27.185	0.000
335.0	10.888	35.336	27.058	0.000	385.0	9.945	35.204	27.121	0.000	435.0	9.021	35.087	27.183	0.000
336.0	10.824	35.330	27.064	0.000	386.0	9.924	35.202	27.123	0.000	436.0	8.978	35.081	27.186	0.000
337.0	10.808	35.326	27.065	0.000	387.0	9.913	35.199	27.122	0.000	437.0	8.949	35.080	27.189	0.000
338.0	10.806	35.326	27.065	0.000	388.0	9.882	35.195	27.125	0.000	438.0	8.944	35.079	27.189	0.000
339.0	10.804	35.323	27.063	0.000	389.0	9.873	35.194	27.126	0.000	439.0	8.943	35.079	27.189	0.000
340.0	10.757	35.318	27.067	0.000	390.0	9.870	35.194	27.126	0.000	440.0	8.940	35.078	27.189	0.000
341.0	10.736	35.315	27.069	0.000	391.0	9.865	35.193	27.126	0.000	441.0	8.939	35.077	27.189	0.000
342.0	10.720	35.313	27.070	0.000	392.0	9.850	35.190	27.126	0.000	442.0	8.937	35.076	27.189	0.000
343.0	10.698	35.310	27.072	0.000	393.0	9.823	35.187	27.129	0.000	443.0	8.924	35.074	27.189	0.000
344.0	10.675	35.308	27.074	0.000	394.0	9.792	35.182	27.130	0.000	444.0	8.893	35.072	27.192	0.000
345.0	10.666	35.306	27.075	0.000	395.0	9.759	35.178	27.133	0.000	445.0	8.890	35.072	27.192	0.000
346.0	10.655	35.304	27.075	0.000	396.0	9.725	35.174	27.135	0.000	446.0	8.886	35.072	27.193	0.000
347.0	10.647	35.301	27.074	0.000	397.0	9.710	35.172	27.136	0.000	447.0	8.872	35.072	27.195	0.000
348.0	10.631	35.301	27.077	0.000	398.0	9.686	35.170	27.138	0.000	448.0	8.850	35.066	27.195	0.000
349.0	10.629	35.301	27.077	0.000	399.0	9.674	35.167	27.138	0.000	449.0	8.847	35.067	27.195	0.000
350.0	10.627	35.300	27.077	0.000	400.0	9.656	35.164	27.139	0.000	450.0	8.819	35.061	27.195	0.000
351.0	10.640	35.301	27.076	0.000	401.0	9.642	35.163	27.141	0.000	451.0	8.795	35.061	27.199	0.000
352.0	10.617	35.296	27.075	0.000	402.0	9.639	35.163	27.141	0.000	452.0	8.783	35.058	27.199	0.000
353.0	10.554	35.288	27.081	0.000	403.0	9.629	35.161	27.141	0.000	453.0	8.757	35.057	27.202	0.000
354.0	10.544	35.289	27.083	0.000	404.0	9.589	35.156	27.144	0.000	454.0	8.753	35.057	27.202	0.000

STATION SBE035.AVG:: CRUISE 91G02 DATE & TIME Wed Mar 06 20:19:24 1991, Julian day = 65  
 LAT 26 48.7 N LON 93 52.5 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
455.0	8.732	35.055	27.204	0.000	505.0	7.960	34.982	27.266	0.000	555.0	7.369	34.933	27.314	0.000
456.0	8.742	35.055	27.203	0.000	506.0	7.948	34.981	27.267	0.000	556.0	7.361	34.932	27.315	0.000
457.0	8.725	35.053	27.204	0.000	507.0	7.954	34.979	27.264	0.000	557.0	7.348	34.930	27.315	0.000
458.0	8.714	35.054	27.206	0.000	508.0	7.925	34.976	27.267	0.000	558.0	7.336	34.928	27.315	0.000
459.0	8.705	35.051	27.206	0.000	509.0	7.918	34.977	27.269	0.000	559.0	7.339	34.931	27.317	0.000
460.0	8.683	35.049	27.207	0.000	510.0	7.910	34.976	27.269	0.000	560.0	7.337	34.928	27.315	0.000
461.0	8.668	35.048	27.209	0.000	511.0	7.902	34.975	27.270	0.000	561.0	7.316	34.928	27.318	0.000
462.0	8.661	35.047	27.210	0.000	512.0	7.861	34.969	27.271	0.000	562.0	7.295	34.927	27.320	0.000
463.0	8.654	35.045	27.209	0.000	513.0	7.838	34.971	27.276	0.000	563.0	7.288	34.926	27.320	0.000
464.0	8.614	35.040	27.212	0.000	514.0	7.850	34.968	27.271	0.000	564.0	7.282	34.925	27.321	0.000
465.0	8.582	35.039	27.215	0.000	515.0	7.813	34.962	27.272	0.000	565.0	7.277	34.924	27.321	0.000
466.0	8.567	35.037	27.216	0.000	516.0	7.781	34.962	27.277	0.000	566.0	7.271	34.924	27.321	0.000
467.0	8.561	35.038	27.218	0.000	517.0	7.764	34.961	27.279	0.000	567.0	7.277	34.922	27.319	0.000
468.0	8.542	35.035	27.218	0.000	518.0	7.751	34.960	27.280	0.000	568.0	7.251	34.921	27.322	0.000
469.0	8.528	35.033	27.219	0.000	519.0	7.740	34.960	27.282	0.000	569.0	7.236	34.921	27.324	0.000
470.0	8.526	35.030	27.217	0.000	520.0	7.765	34.961	27.278	0.000	570.0	7.229	34.922	27.325	0.000
471.0	8.487	35.029	27.222	0.000	521.0	7.726	34.956	27.281	0.000	571.0	7.226	34.922	27.326	0.000
472.0	8.467	35.027	27.224	0.000	522.0	7.703	34.955	27.283	0.000	572.0	7.224	34.921	27.325	0.000
473.0	8.455	35.026	27.225	0.000	523.0	7.689	34.953	27.284	0.000	573.0	7.224	34.921	27.325	0.000
474.0	8.442	35.025	27.226	0.000	524.0	7.680	34.953	27.285	0.000	574.0	7.226	34.920	27.324	0.000
475.0	8.420	35.024	27.229	0.000	525.0	7.674	34.953	27.285	0.000	575.0	7.204	34.918	27.326	0.000
476.0	8.417	35.022	27.228	0.000	526.0	7.671	34.953	27.286	0.000	576.0	7.181	34.916	27.328	0.000
477.0	8.386	35.018	27.230	0.000	527.0	7.671	34.953	27.286	0.000	577.0	7.169	34.916	27.330	0.000
478.0	8.365	35.017	27.232	0.000	528.0	7.673	34.953	27.286	0.000	578.0	7.163	34.916	27.330	0.000
479.0	8.355	35.017	27.233	0.000	529.0	7.670	34.953	27.286	0.000	579.0	7.158	34.916	27.331	0.000
480.0	8.349	35.016	27.233	0.000	530.0	7.669	34.953	27.287	0.000	580.0	7.142	34.915	27.332	0.000
481.0	8.347	35.015	27.233	0.000	531.0	7.667	34.953	27.287	0.000	581.0	7.125	34.914	27.334	0.000
482.0	8.345	35.013	27.232	0.000	532.0	7.657	34.953	27.289	0.000	582.0	7.133	34.913	27.332	0.000
483.0	8.313	35.013	27.237	0.000	533.0	7.655	34.952	27.288	0.000	583.0	7.101	34.913	27.336	0.000
484.0	8.284	35.010	27.239	0.000	534.0	7.621	34.950	27.291	0.000	584.0	7.090	34.912	27.337	0.000
485.0	8.271	35.010	27.241	0.000	535.0	7.611	34.950	27.292	0.000	585.0	7.077	34.911	27.338	0.000
486.0	8.264	35.008	27.240	0.000	536.0	7.608	34.950	27.293	0.000	586.0	7.068	34.911	27.340	0.000
487.0	8.259	35.008	27.241	0.000	537.0	7.605	34.949	27.292	0.000	587.0	7.063	34.911	27.340	0.000
488.0	8.275	35.009	27.240	0.000	538.0	7.583	34.947	27.294	0.000	588.0	7.052	34.910	27.341	0.000
489.0	8.249	35.007	27.242	0.000	539.0	7.556	34.946	27.298	0.000	589.0	7.039	34.910	27.342	0.000
490.0	8.224	35.006	27.245	0.000	540.0	7.547	34.946	27.299	0.000	590.0	7.032	34.908	27.343	0.000
491.0	8.214	35.004	27.245	0.000	541.0	7.553	34.946	27.298	0.000	591.0	7.018	34.909	27.345	0.000
492.0	8.199	35.003	27.246	0.000	542.0	7.553	34.944	27.299	0.000	592.0	7.014	34.909	27.346	0.000
493.0	8.183	35.001	27.247	0.000	543.0	7.526	34.944	27.300	0.000	593.0	7.012	34.910	27.346	0.000
494.0	8.173	34.998	27.247	0.000	544.0	7.516	34.943	27.301	0.000	594.0	7.011	34.910	27.347	0.000
495.0	8.159	34.996	27.247	0.000	545.0	7.495	34.942	27.303	0.000	595.0	7.016	34.909	27.345	0.000
496.0	8.119	34.994	27.251	0.000	546.0	7.487	34.941	27.303	0.000	596.0	7.012	34.908	27.345	0.000
497.0	8.095	34.991	27.253	0.000	547.0	7.481	34.938	27.302	0.000	597.0	6.999	34.909	27.347	0.000
498.0	8.071	34.990	27.256	0.000	548.0	7.432	34.936	27.308	0.000	598.0	6.985	34.907	27.348	0.000
499.0	8.044	34.988	27.259	0.000	549.0	7.419	34.936	27.309	0.000	599.0	6.979	34.907	27.349	0.000
500.0	8.034	34.988	27.260	0.000	550.0	7.405	34.936	27.312	0.000	600.0	6.975	34.906	27.349	0.000
501.0	8.065	34.987	27.254	0.000	551.0	7.396	34.935	27.312	0.000	601.0	6.965	34.906	27.349	0.000
502.0	8.002	34.984	27.262	0.000	552.0	7.394	34.935	27.312	0.000	602.0	6.955	34.905	27.350	0.000
503.0	7.990	34.985	27.264	0.000	553.0	7.394	34.933	27.311	0.000	603.0	6.943	34.905	27.352	0.000
504.0	7.981	34.983	27.264	0.000	554.0	7.377	34.933	27.313	0.000	604.0	6.940	34.905	27.353	0.000



STATION SBE035.AUG:1 CRUISE 91G02 DATE & TIME Wed Mar 06 20:19:24 1991, Julian day = 65  
 LAT 26 48.7 N LUN 93 52.5 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

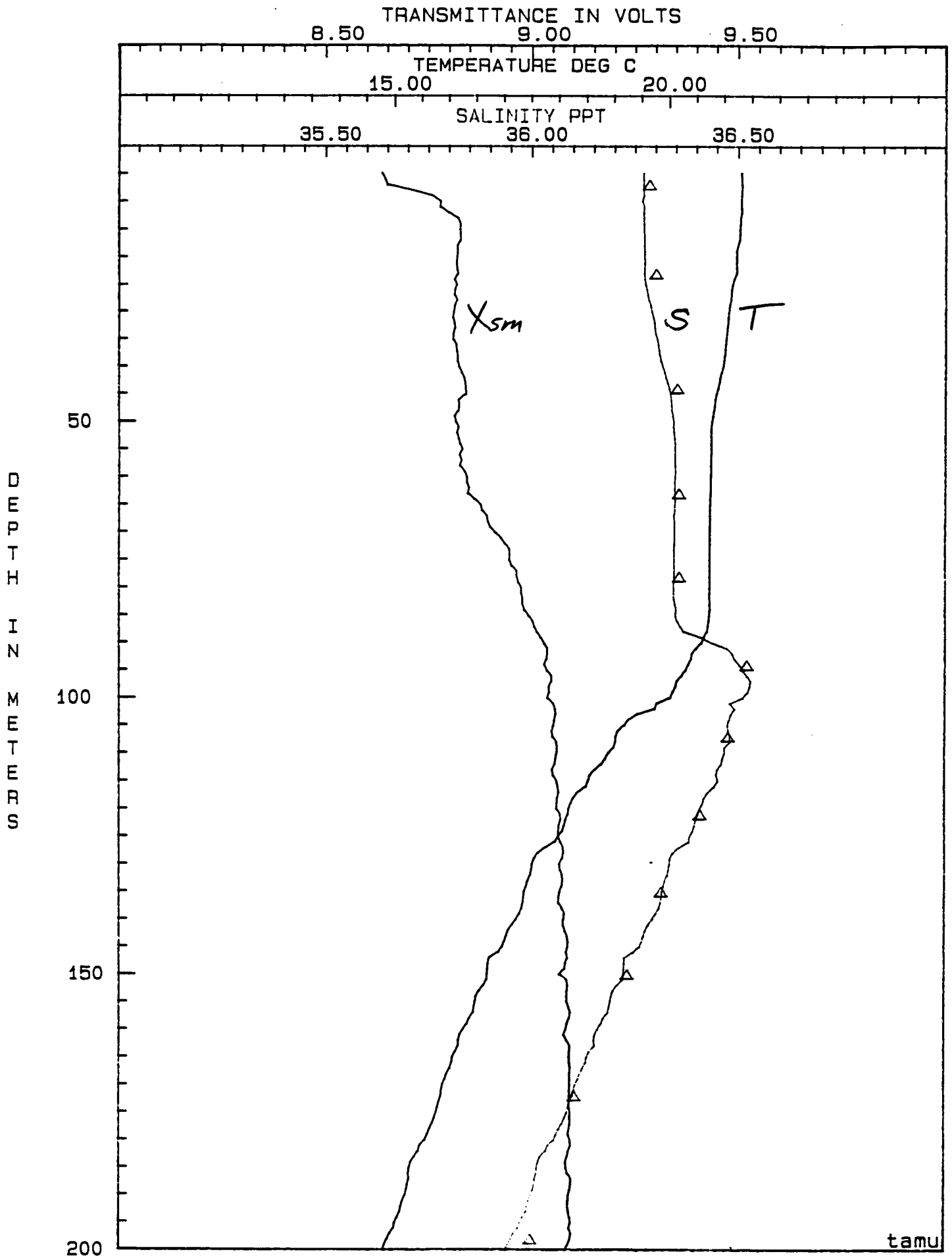
DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
605.0	6.934	34.904	27.353	0.000	655.0	6.532	34.891	27.397	0.000	705.0	6.215	34.887	27.436	0.000
606.0	6.923	34.903	27.354	0.000	656.0	6.520	34.892	27.399	0.000	706.0	6.217	34.886	27.435	0.000
607.0	6.913	34.903	27.355	0.000	657.0	6.504	34.890	27.400	0.000	707.0	6.202	34.886	27.437	0.000
608.0	6.909	34.903	27.355	0.000	658.0	6.494	34.890	27.402	0.000	708.0	6.189	34.888	27.440	0.000
609.0	6.906	34.903	27.355	0.000	659.0	6.483	34.890	27.403	0.000	709.0	6.187	34.887	27.440	0.000
610.0	6.897	34.903	27.357	0.000	660.0	6.479	34.890	27.404	0.000	710.0	6.185	34.888	27.441	0.000
611.0	6.894	34.902	27.357	0.000	661.0	6.473	34.891	27.405	0.000	711.0	6.169	34.885	27.441	0.000
612.0	6.890	34.902	27.357	0.000	662.0	6.468	34.890	27.405	0.000	712.0	6.151	34.885	27.443	0.000
613.0	6.887	34.903	27.358	0.000	663.0	6.464	34.890	27.405	0.000	713.0	6.147	34.885	27.443	0.000
614.0	6.886	34.902	27.358	0.000	664.0	6.469	34.890	27.405	0.000	714.0	6.141	34.886	27.445	0.000
615.0	6.884	34.902	27.358	0.000	665.0	6.464	34.889	27.405	0.000	715.0	6.131	34.887	27.447	0.000
616.0	6.879	34.901	27.358	0.000	666.0	6.449	34.890	27.407	0.000	716.0	6.125	34.886	27.447	0.000
617.0	6.873	34.901	27.359	0.000	667.0	6.447	34.890	27.407	0.000	717.0	6.117	34.886	27.448	0.000
618.0	6.861	34.901	27.361	0.000	668.0	6.440	34.890	27.409	0.000	718.0	6.112	34.886	27.448	0.000
619.0	6.850	34.901	27.362	0.000	669.0	6.431	34.890	27.410	0.000	719.0	6.108	34.886	27.449	0.000
620.0	6.843	34.900	27.362	0.000	670.0	6.425	34.890	27.411	0.000	720.0	6.102	34.886	27.450	0.000
621.0	6.829	34.900	27.364	0.000	671.0	6.434	34.889	27.409	0.000	721.0	6.097	34.886	27.450	0.000
622.0	6.817	34.900	27.365	0.000	672.0	6.427	34.889	27.410	0.000	722.0	6.093	34.886	27.451	0.000
623.0	6.816	34.900	27.365	0.000	673.0	6.403	34.892	27.415	0.000	723.0	6.091	34.885	27.450	0.000
624.0	6.803	34.898	27.366	0.000	674.0	6.400	34.889	27.415	0.000	724.0	6.088	34.884	27.450	0.000
625.0	6.790	34.898	27.368	0.000	675.0	6.398	34.887	27.412	0.000	725.0	6.087	34.884	27.450	0.000
626.0	6.786	34.899	27.369	0.000	676.0	6.375	34.887	27.415	0.000	726.0	6.083	34.885	27.452	0.000
627.0	6.784	34.899	27.369	0.000	677.0	6.356	34.888	27.418	0.000	727.0	6.076	34.885	27.452	0.000
628.0	6.780	34.898	27.369	0.000	678.0	6.362	34.888	27.417	0.000	728.0	6.071	34.886	27.453	0.000
629.0	6.780	34.898	27.369	0.000	679.0	6.352	34.888	27.419	0.000	729.0	6.068	34.886	27.454	0.000
630.0	6.778	34.896	27.368	0.000	680.0	6.346	34.888	27.420	0.000	730.0	6.061	34.886	27.455	0.000
631.0	6.761	34.897	27.371	0.000	681.0	6.339	34.889	27.421	0.000	731.0	6.052	34.886	27.457	0.000
632.0	6.753	34.897	27.372	0.000	682.0	6.332	34.890	27.423	0.000	732.0	6.055	34.887	27.457	0.000
633.0	6.749	34.897	27.372	0.000	683.0	6.326	34.889	27.423	0.000	733.0	6.056	34.884	27.454	0.000
634.0	6.744	34.896	27.373	0.000	684.0	6.320	34.888	27.424	0.000	734.0	6.039	34.886	27.458	0.000
635.0	6.737	34.896	27.373	0.000	685.0	6.312	34.888	27.424	0.000	735.0	6.030	34.887	27.460	0.000
636.0	6.724	34.896	27.375	0.000	686.0	6.304	34.889	27.426	0.000	736.0	6.020	34.888	27.462	0.000
637.0	6.718	34.893	27.373	0.000	687.0	6.302	34.889	27.426	0.000	737.0	6.015	34.887	27.462	0.000
638.0	6.707	34.894	27.376	0.000	688.0	6.299	34.888	27.426	0.000	738.0	6.010	34.887	27.462	0.000
639.0	6.700	34.894	27.376	0.000	689.0	6.295	34.888	27.426	0.000	739.0	6.006	34.887	27.463	0.000
640.0	6.681	34.894	27.379	0.000	690.0	6.292	34.888	27.427	0.000	740.0	6.011	34.886	27.462	0.000
641.0	6.669	34.894	27.381	0.000	691.0	6.288	34.888	27.427	0.000	741.0	6.005	34.887	27.463	0.000
642.0	6.657	34.893	27.382	0.000	692.0	6.287	34.888	27.427	0.000	742.0	5.993	34.886	27.464	0.000
643.0	6.645	34.893	27.384	0.000	693.0	6.281	34.889	27.428	0.000	743.0	5.982	34.886	27.465	0.000
644.0	6.637	34.894	27.385	0.000	694.0	6.272	34.888	27.429	0.000	744.0	5.971	34.887	27.468	0.000
645.0	6.627	34.893	27.386	0.000	695.0	6.263	34.890	27.432	0.000	745.0	5.964	34.887	27.469	0.000
646.0	6.608	34.892	27.388	0.000	696.0	6.257	34.889	27.432	0.000	746.0	5.962	34.887	27.469	0.000
647.0	6.598	34.892	27.389	0.000	697.0	6.253	34.888	27.432	0.000	747.0	5.966	34.886	27.467	0.000
648.0	6.582	34.892	27.391	0.000	698.0	6.257	34.889	27.432	0.000	748.0	5.966	34.887	27.468	0.000
649.0	6.578	34.892	27.392	0.000	699.0	6.262	34.889	27.431	0.000	749.0	5.955	34.886	27.469	0.000
650.0	6.572	34.892	27.393	0.000	700.0	6.243	34.886	27.431	0.000	750.0	5.952	34.886	27.469	0.000
651.0	6.564	34.892	27.394	0.000	701.0	6.223	34.887	27.435	0.000	751.0	5.950	34.887	27.470	0.000
652.0	6.557	34.892	27.394	0.000	702.0	6.216	34.888	27.437	0.000	752.0	5.949	34.887	27.470	0.000
653.0	6.548	34.892	27.396	0.000	703.0	6.212	34.888	27.437	0.000	753.0	5.949	34.887	27.470	0.000
654.0	6.540	34.892	27.396	0.000	704.0	6.211	34.888	27.437	0.000	754.0	5.960	34.885	27.467	0.000

STATION SBE035.AVG:: CRUISE 91G02 DATE & TIME Wed Mar 06 20:19:24 1991, Julian day = 65  
 LAT 26 48.7 N LON 93 52.5 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
755.0	5.950	34.886	27.469	0.000	805.0	5.675	34.892	27.508	0.000	855.0	5.472	34.897	27.538	0.000
756.0	5.939	34.887	27.471	0.000	806.0	5.674	34.891	27.508	0.000	856.0	5.470	34.898	27.538	0.000
757.0	5.930	34.888	27.473	0.000	807.0	5.668	34.891	27.509	0.000	857.0	5.471	34.897	27.538	0.000
758.0	5.924	34.889	27.475	0.000	808.0	5.665	34.892	27.510	0.000	858.0	5.471	34.896	27.537	0.000
759.0	5.925	34.887	27.473	0.000	809.0	5.661	34.892	27.510	0.000	859.0	5.461	34.898	27.540	0.000
760.0	5.931	34.888	27.473	0.000	810.0	5.661	34.892	27.510	0.000	860.0	5.457	34.899	27.541	0.000
761.0	5.931	34.886	27.472	0.000	811.0	5.659	34.892	27.510	0.000	861.0	5.450	34.899	27.542	0.000
762.0	5.909	34.887	27.475	0.000	812.0	5.653	34.892	27.511	0.000	862.0	5.442	34.898	27.542	0.000
763.0	5.898	34.888	27.478	0.000	813.0	5.650	34.892	27.511	0.000	863.0	5.438	34.899	27.543	0.000
764.0	5.888	34.888	27.479	0.000	814.0	5.647	34.892	27.512	0.000	864.0	5.435	34.898	27.542	0.000
765.0	5.875	34.889	27.481	0.000	815.0	5.642	34.892	27.513	0.000	865.0	5.433	34.897	27.542	0.000
766.0	5.868	34.888	27.481	0.000	816.0	5.639	34.892	27.513	0.000	866.0	5.419	34.900	27.546	0.000
767.0	5.878	34.888	27.480	0.000	817.0	5.636	34.892	27.513	0.000	867.0	5.416	34.900	27.547	0.000
768.0	5.880	34.887	27.479	0.000	818.0	5.633	34.893	27.515	0.000	868.0	5.412	34.900	27.548	0.000
769.0	5.853	34.888	27.483	0.000	819.0	5.632	34.893	27.515	0.000	869.0	5.406	34.900	27.548	0.000
770.0	5.852	34.889	27.484	0.000	820.0	5.630	34.892	27.514	0.000	870.0	5.402	34.900	27.549	0.000
771.0	5.851	34.889	27.484	0.000	821.0	5.626	34.893	27.515	0.000	871.0	5.417	34.898	27.545	0.000
772.0	5.851	34.889	27.484	0.000	822.0	5.612	34.893	27.517	0.000	872.0	5.401	34.900	27.548	0.000
773.0	5.848	34.888	27.484	0.000	823.0	5.606	34.893	27.518	0.000	873.0	5.388	34.901	27.551	0.000
774.0	5.850	34.889	27.484	0.000	824.0	5.602	34.893	27.518	0.000	874.0	5.384	34.902	27.552	0.000
775.0	5.851	34.887	27.483	0.000	825.0	5.596	34.894	27.520	0.000	875.0	5.380	34.902	27.552	0.000
776.0	5.838	34.888	27.486	0.000	826.0	5.594	34.895	27.521	0.000	876.0	5.374	34.902	27.553	0.000
777.0	5.830	34.889	27.487	0.000	827.0	5.592	34.894	27.521	0.000	877.0	5.372	34.902	27.553	0.000
778.0	5.823	34.889	27.488	0.000	828.0	5.587	34.894	27.522	0.000	878.0	5.366	34.904	27.557	0.000
779.0	5.820	34.889	27.488	0.000	829.0	5.583	34.895	27.522	0.000	879.0	5.354	34.902	27.556	0.000
780.0	5.826	34.887	27.486	0.000	830.0	5.591	34.893	27.520	0.000	880.0	5.352	34.902	27.556	0.000
781.0	5.813	34.889	27.489	0.000	831.0	5.568	34.894	27.523	0.000	881.0	5.351	34.902	27.556	0.000
782.0	5.808	34.888	27.489	0.000	832.0	5.555	34.896	27.526	0.000	882.0	5.350	34.902	27.557	0.000
783.0	5.801	34.889	27.490	0.000	833.0	5.554	34.895	27.526	0.000	883.0	5.352	34.902	27.556	0.000
784.0	5.798	34.889	27.491	0.000	834.0	5.553	34.895	27.527	0.000	884.0	5.352	34.902	27.556	0.000
785.0	5.797	34.888	27.490	0.000	835.0	5.551	34.895	27.527	0.000	885.0	5.350	34.902	27.556	0.000
786.0	5.785	34.888	27.492	0.000	836.0	5.554	34.895	27.526	0.000	886.0	5.349	34.902	27.556	0.000
787.0	5.771	34.890	27.495	0.000	837.0	5.546	34.895	27.527	0.000	887.0	5.349	34.902	27.557	0.000
788.0	5.765	34.890	27.496	0.000	838.0	5.535	34.897	27.530	0.000	888.0	5.346	34.902	27.557	0.000
789.0	5.760	34.889	27.496	0.000	839.0	5.530	34.896	27.530	0.000	889.0	5.346	34.902	27.557	0.000
790.0	5.755	34.889	27.497	0.000	840.0	5.514	34.896	27.532	0.000	890.0	5.343	34.901	27.557	0.000
791.0	5.750	34.890	27.498	0.000	841.0	5.511	34.898	27.533	0.000	891.0	5.332	34.903	27.559	0.000
792.0	5.746	34.890	27.498	0.000	842.0	5.532	34.895	27.529	0.000	892.0	5.326	34.904	27.560	0.000
793.0	5.748	34.890	27.498	0.000	843.0	5.518	34.896	27.531	0.000	893.0	5.324	34.903	27.561	0.000
794.0	5.732	34.888	27.499	0.000	844.0	5.503	34.898	27.534	0.000	894.0	5.317	34.905	27.562	0.000
795.0	5.716	34.891	27.503	0.000	845.0	5.500	34.897	27.534	0.000	895.0	5.325	34.903	27.560	0.000
796.0	5.716	34.890	27.502	0.000	846.0	5.498	34.897	27.534	0.000	896.0	5.311	34.903	27.562	0.000
797.0	5.713	34.892	27.503	0.000	847.0	5.494	34.897	27.535	0.000	897.0	5.301	34.905	27.564	0.000
798.0	5.709	34.891	27.503	0.000	848.0	5.490	34.897	27.535	0.000	898.0	5.291	34.905	27.566	0.000
799.0	5.701	34.891	27.504	0.000	849.0	5.486	34.896	27.535	0.000	899.0	5.290	34.903	27.564	0.000
800.0	5.704	34.890	27.504	0.000	850.0	5.484	34.897	27.536	0.000	900.0	5.288	34.904	27.565	0.000
801.0	5.699	34.890	27.504	0.000	851.0	5.480	34.897	27.537	0.000	901.0	5.287	34.904	27.565	0.000
802.0	5.691	34.891	27.506	0.000	852.0	5.475	34.897	27.537	0.000	902.0	5.284	34.904	27.566	0.000
803.0	5.686	34.892	27.507	0.000	853.0	5.473	34.898	27.538	0.000	903.0	5.283	34.904	27.566	0.000
804.0	5.680	34.892	27.508	0.000	854.0	5.472	34.898	27.538	0.000	904.0	5.280	34.904	27.567	0.000

STATION SBE035.AUG:: CRUISE 91G02 DATE & TIME Wed Mar 06 20:19:24 1991, Julian day = 65  
 LAT 26 48.7 N LUN 93 52.5 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
905.0	5.277	34.905	27.567	0.000	955.0	5.101	34.912	27.594	0.000	1005.0	4.949	34.919	27.617	0.000
906.0	5.271	34.905	27.568	0.000	956.0	5.099	34.912	27.594	0.000	1006.0	4.945	34.920	27.618	0.000
907.0	5.267	34.905	27.569	0.000	957.0	5.096	34.913	27.595	0.000	1007.0	4.939	34.919	27.618	0.000
908.0	5.266	34.905	27.569	0.000	958.0	5.095	34.912	27.595	0.000					
909.0	5.260	34.906	27.570	0.000	959.0	5.087	34.913	27.596	0.000					
910.0	5.256	34.906	27.570	0.000	960.0	5.080	34.913	27.597	0.000					
911.0	5.260	34.904	27.569	0.000	961.0	5.078	34.913	27.598	0.000					
912.0	5.249	34.905	27.571	0.000	962.0	5.077	34.913	27.598	0.000					
913.0	5.245	34.907	27.573	0.000	963.0	5.077	34.913	27.598	0.000					
914.0	5.244	34.907	27.573	0.000	964.0	5.076	34.913	27.598	0.000					
915.0	5.242	34.906	27.573	0.000	965.0	5.075	34.913	27.598	0.000					
916.0	5.240	34.907	27.573	0.000	966.0	5.073	34.913	27.598	0.000					
917.0	5.240	34.906	27.573	0.000	967.0	5.069	34.913	27.599	0.000					
918.0	5.238	34.906	27.573	0.000	968.0	5.067	34.913	27.599	0.000					
919.0	5.235	34.906	27.573	0.000	969.0	5.066	34.914	27.599	0.000					
920.0	5.233	34.906	27.573	0.000	970.0	5.064	34.914	27.600	0.000					
921.0	5.230	34.907	27.574	0.000	971.0	5.062	34.913	27.600	0.000					
922.0	5.226	34.907	27.575	0.000	972.0	5.057	34.914	27.600	0.000					
923.0	5.223	34.907	27.575	0.000	973.0	5.052	34.914	27.601	0.000					
924.0	5.221	34.906	27.575	0.000	974.0	5.048	34.914	27.602	0.000					
925.0	5.217	34.907	27.577	0.000	975.0	5.047	34.913	27.601	0.000					
926.0	5.211	34.907	27.577	0.000	976.0	5.040	34.914	27.603	0.000					
927.0	5.206	34.908	27.578	0.000	977.0	5.037	34.915	27.604	0.000					
928.0	5.203	34.907	27.578	0.000	978.0	5.036	34.915	27.604	0.000					
929.0	5.199	34.908	27.580	0.000	979.0	5.035	34.915	27.604	0.000					
930.0	5.197	34.908	27.579	0.000	980.0	5.032	34.915	27.604	0.000					
931.0	5.196	34.908	27.579	0.000	981.0	5.029	34.915	27.604	0.000					
932.0	5.189	34.908	27.580	0.000	982.0	5.031	34.915	27.604	0.000					
933.0	5.180	34.908	27.581	0.000	983.0	5.026	34.915	27.605	0.000					
934.0	5.178	34.909	27.582	0.000	984.0	5.024	34.915	27.605	0.000					
935.0	5.178	34.909	27.582	0.000	985.0	5.021	34.916	27.607	0.000					
936.0	5.176	34.909	27.583	0.000	986.0	5.020	34.916	27.607	0.000					
937.0	5.176	34.908	27.582	0.000	987.0	5.019	34.916	27.607	0.000					
938.0	5.177	34.908	27.582	0.000	988.0	5.022	34.915	27.605	0.000					
939.0	5.176	34.908	27.582	0.000	989.0	5.019	34.915	27.606	0.000					
940.0	5.175	34.908	27.582	0.000	990.0	5.006	34.916	27.608	0.000					
941.0	5.174	34.908	27.583	0.000	991.0	5.001	34.917	27.610	0.000					
942.0	5.170	34.909	27.584	0.000	992.0	4.996	34.917	27.610	0.000					
943.0	5.167	34.909	27.584	0.000	993.0	4.997	34.916	27.609	0.000					
944.0	5.160	34.910	27.585	0.000	994.0	4.991	34.916	27.610	0.000					
945.0	5.160	34.909	27.584	0.000	995.0	4.986	34.918	27.612	0.000					
946.0	5.139	34.911	27.588	0.000	996.0	4.977	34.917	27.613	0.000					
947.0	5.128	34.911	27.590	0.000	997.0	4.970	34.919	27.615	0.000					
948.0	5.123	34.912	27.592	0.000	998.0	4.970	34.917	27.614	0.000					
949.0	5.122	34.911	27.591	0.000	999.0	4.969	34.917	27.613	0.000					
950.0	5.124	34.911	27.590	0.000	1000.0	4.963	34.918	27.615	0.000					
951.0	5.114	34.911	27.592	0.000	1001.0	4.958	34.919	27.616	0.000					
952.0	5.108	34.912	27.593	0.000	1002.0	4.958	34.918	27.616	0.000					
953.0	5.108	34.912	27.593	0.000	1003.0	4.955	34.919	27.617	0.000					
954.0	5.103	34.912	27.594	0.000	1004.0	4.952	34.919	27.616	0.000					



CRUISE: 91G02 STATION: SBE035.A DATE: Mar 06 20: 19: 24 1991  
 LATITUDE: 26 48.7 N LONGITUDE: 93 52.5 W  
 TRIANGLES DENOTE DISCRETE SAMPLES

tamu

Cruise: 91602  
 Date: 03-07-1991  
 Time: 03:19:29 GMT  
 Lat: 26 24.47 N  
 Lon: 94 20.00 W  
 Stn. 36

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	21.70	68.78	20.74	102.69	20.26
		35.46	21.63	69.46	20.75	103.37	20.26
2.05	22.80	36.14	21.61	70.14	20.74	104.04	20.39
2.73	22.77	36.82	21.59	70.81	20.76	104.72	20.48
3.41	22.77	37.50	21.58	71.49	20.76	105.40	20.49
4.10	22.75	38.18	21.57	72.17	20.77	106.07	20.49
4.78	22.77	38.86	21.58	72.85	20.77	106.75	20.48
5.46	22.75	39.54	21.56	73.53	20.79	107.43	20.42
6.14	22.75	40.22	21.56	74.21	20.82	108.11	20.33
6.83	22.78	40.90	21.56	74.89	20.84	108.78	20.26
7.51	22.79	41.58	21.55	75.57	20.84	109.46	20.22
8.19	22.78	42.26	21.55	76.25	20.83	110.14	20.17
8.87	22.78	42.94	21.55	76.92	20.69	110.81	20.13
9.56	22.78	43.62	21.56	77.60	20.60	111.49	20.05
10.24	22.78	44.31	21.55	78.28	20.52	112.17	19.98
10.92	22.77	44.99	21.55	78.96	20.48	112.84	19.91
11.60	22.75	45.67	21.56	79.64	20.46	113.52	19.82
12.28	22.72	46.35	21.57	80.32	20.47	114.20	19.77
12.97	22.70	47.03	21.55	81.00	20.48	114.87	19.72
13.65	22.68	47.71	21.56	81.67	20.50	115.55	19.66
14.33	22.67	48.39	21.57	82.35	20.52	116.23	19.59
15.01	22.66	49.07	21.57	83.03	20.50	116.90	19.50
15.69	22.64	49.75	21.56	83.71	20.51	117.58	19.43
16.38	22.63	50.43	21.56	84.39	20.51	118.26	19.40
17.06	22.62	51.11	21.56	85.07	20.53	118.93	19.38
17.74	22.60	51.79	21.57	85.74	20.54	119.61	19.36
18.42	22.61	52.47	21.56	86.42	20.54	120.29	19.29
19.10	22.61	53.15	21.56	87.10	20.54	120.96	19.24
19.79	22.59	53.83	21.56	87.78	20.55	121.64	19.17
20.47	22.58	54.51	21.56	88.46	20.55	122.31	19.11
21.15	22.55	55.19	21.56	89.13	20.53	122.99	19.04
21.83	22.54	55.87	21.56	89.81	20.53	123.67	18.98
22.51	22.53	56.55	21.55	90.49	20.50	124.34	18.96
23.19	22.52	57.23	21.55	91.17	20.51	125.02	18.95
23.88	22.50	57.91	21.50	91.85	20.51	125.70	18.92
24.56	22.44	58.59	21.49	92.52	20.50	126.37	18.91
25.24	22.40	59.27	21.46	93.20	20.48	127.05	18.90
25.92	22.34	59.95	21.44	93.88	20.46	127.72	18.89
26.60	22.32	60.63	21.41	94.56	20.46	128.40	18.88
27.28	22.31	61.30	21.38	95.24	20.46	129.07	18.87
27.96	22.27	61.98	21.32	95.91	20.45	129.75	18.85
28.65	22.19	62.66	21.30	96.59	20.40	130.43	18.81
29.33	22.13	63.34	21.22	97.27	20.31	131.10	18.78
30.01	22.10	64.02	21.03	97.95	20.29	131.78	18.74
30.69	22.06	64.70	20.74	98.62	20.27	132.45	18.72
31.37	22.02	65.38	20.63	99.30	20.27	133.13	18.69
32.05	21.96	66.06	20.63	99.98	20.25	133.81	18.66
32.73	21.89	66.74	20.64	100.66	20.27	134.48	18.63
33.41	21.82	67.42	20.68	101.33	20.29	135.16	18.59
34.09	21.79	68.10	20.71	102.01	20.28	135.83	18.59
34.78	21.70	68.78	20.74	102.69	20.26	136.51	18.57

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	18.56	174.28	16.53	211.26	15.08	248.14	13.0
137.86	18.54	174.95	16.48	211.93	15.07	248.81	13.0
138.53	18.50	175.62	16.44	212.60	15.05	249.48	13.0
139.21	18.48	176.30	16.39	213.28	15.03	250.14	13.0
139.88	18.40	176.97	16.34	213.95	15.02	250.81	13.0
140.56	18.32	177.64	16.30	214.62	15.00	251.48	13.0
141.23	18.25	178.32	16.29	215.29	14.98	252.15	13.0
141.91	18.19	178.99	16.24	215.96	14.95	252.82	13.0
142.59	18.16	179.66	16.19	216.63	14.92	253.49	13.0
143.26	18.12	180.34	16.14	217.30	14.90	254.16	13.0
143.94	18.09	181.01	16.10	217.97	14.89	254.83	13.0
144.61	18.03	181.68	16.07	218.65	14.88	255.50	13.0
145.29	17.99	182.36	16.03	219.32	14.88	256.17	13.0
145.96	17.95	183.03	16.01	219.99	14.87	256.84	13.0
146.64	17.93	183.70	15.99	220.66	14.86	257.50	13.0
147.31	17.90	184.38	15.96	221.33	14.85	258.17	13.0
147.99	17.88	185.05	15.91	222.00	14.84	258.84	13.0
148.66	17.85	185.72	15.86	222.67	14.82	259.51	13.0
149.34	17.79	186.39	15.81	223.34	14.82	260.18	13.0
150.01	17.72	187.07	15.77	224.01	14.80	260.85	13.0
150.68	17.66	187.74	15.75	224.68	14.78	261.52	13.0
151.36	17.64	188.41	15.74	225.35	14.77	262.19	13.0
152.03	17.59	189.08	15.71	226.02	14.75	262.86	13.0
152.71	17.54	189.76	15.70	226.70	14.72	263.52	13.0
153.38	17.49	190.43	15.67	227.37	14.67	264.19	13.0
154.06	17.42	191.10	15.64	228.04	14.61	264.86	13.0
154.73	17.38	191.77	15.60	228.71	14.57	265.53	13.0
155.41	17.34	192.45	15.57	229.38	14.53	266.20	13.0
156.08	17.30	193.12	15.54	230.05	14.46	266.87	13.0
156.76	17.26	193.79	15.53	230.72	14.41	267.53	13.0
157.43	17.22	194.46	15.50	231.39	14.38	268.20	13.0
158.10	17.21	195.14	15.49	232.06	14.36	268.87	13.0
158.78	17.16	195.81	15.46	232.73	14.35	269.54	13.0
159.45	17.14	196.48	15.42	233.40	14.35	270.21	13.0
160.13	17.11	197.15	15.39	234.07	14.32	270.88	13.0
160.80	17.09	197.83	15.38	234.74	14.28	271.54	13.0
161.48	17.08	198.50	15.36	235.41	14.25	272.21	13.0
162.15	17.04	199.17	15.36	236.08	14.21	272.88	13.0
162.82	16.99	199.84	15.35	236.75	14.23	273.55	13.0
163.50	16.96	200.51	15.34	237.42	14.18	274.22	13.0
164.17	16.94	201.19	15.34	238.09	14.17	274.88	13.0
164.85	16.91	201.86	15.29	238.76	14.15	275.55	13.0
165.52	16.89	202.53	15.26	239.43	14.14	276.22	13.0
166.19	16.85	203.20	15.23	240.10	14.12	276.89	13.0
166.87	16.83	203.87	15.21	240.77	14.11	277.56	13.0
167.54	16.79	204.55	15.19	241.44	14.08	278.22	13.0
168.22	16.75	205.22	15.17	242.11	14.08	278.89	13.0
168.89	16.72	205.89	15.16	242.78	14.05	279.56	13.0
169.56	16.69	206.56	15.13	243.45	14.03	280.23	13.0
170.24	16.67	207.23	15.12	244.12	14.02	280.90	13.0
170.91	16.67	207.90	15.09	244.79	14.01	281.56	13.0
171.58	16.64	208.58	15.09	245.46	14.00	282.23	13.0
172.26	16.62	209.25	15.08	246.13	13.98	282.90	12.9
172.93	16.60	209.92	15.07	246.80	13.94	283.57	12.9
173.60	16.58	210.59	15.07	247.47	13.90	284.23	12.9
174.28	16.53	211.26	15.08	248.14	13.88	284.90	12.9

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	12.90	322.22	11.96	358.76	11.08	395.19	10.25
286.24	12.87	322.89	11.95	359.43	11.07	395.86	10.25
286.90	12.86	323.55	11.94	360.09	11.07	396.52	10.23
287.57	12.85	324.22	11.93	360.75	11.06	397.18	10.22
288.24	12.85	324.88	11.94	361.42	-11.06	397.84	10.20
288.90	12.82	325.55	11.93	362.08	11.03	398.50	10.19
289.57	12.79	326.21	11.93	362.74	11.02	399.16	10.17
290.24	12.74	326.88	11.91	363.40	11.00	399.82	10.17
290.91	12.72	327.54	11.91	364.07	10.99	400.48	10.15
291.57	12.71	328.21	11.88	364.73	10.97	401.14	10.14
292.24	12.65	328.87	11.87	365.39	10.96	401.81	10.14
292.91	12.58	329.54	11.85	366.06	10.95	402.47	10.13
293.57	12.56	330.20	11.79	366.72	10.92	403.13	10.12
294.24	12.53	330.87	11.76	367.38	10.92	403.79	10.09
294.91	12.53	331.53	11.75	368.05	10.89	404.45	10.07
295.57	12.53	332.20	11.75	368.71	10.86	405.11	10.06
296.24	12.53	332.86	11.73	369.37	10.83	405.77	10.05
296.91	12.50	333.53	11.71	370.03	10.82	406.43	10.04
297.58	12.53	334.19	11.70	370.70	10.81	407.09	10.04
298.24	12.51	334.86	11.67	371.36	10.78	407.75	10.02
298.91	12.51	335.52	11.65	372.02	10.76	408.41	10.02
299.58	12.49	336.19	11.63	372.69	10.74	409.08	10.00
300.24	12.49	336.85	11.64	373.35	10.72	409.74	9.99
300.91	12.50	337.51	11.63	374.01	10.70	410.40	9.99
301.58	12.49	338.18	11.61	374.67	10.71	411.06	9.99
302.24	12.46	338.84	11.60	375.34	10.71	411.72	9.99
302.91	12.44	339.51	11.58	376.00	10.68	412.38	9.97
303.57	12.42	340.17	11.58	376.66	10.66	413.04	9.97
304.24	12.40	340.84	11.53	377.32	10.62	413.70	9.96
304.91	12.37	341.50	11.52	377.99	10.62	414.36	9.96
305.57	12.33	342.17	11.52	378.65	10.59	415.02	9.96
306.24	12.33	342.83	11.50	379.31	10.57	415.68	9.95
306.91	12.29	343.49	11.47	379.97	10.55	416.34	9.94
307.57	12.29	344.16	11.44	380.63	10.53	417.00	9.94
308.24	12.28	344.82	11.43	381.30	10.52	417.66	9.93
308.90	12.28	345.49	11.41	381.96	10.50	418.32	9.92
309.57	12.26	346.15	11.41	382.62	10.48	418.98	9.93
310.24	12.24	346.81	11.39	383.28	10.46	419.64	9.92
310.90	12.21	347.48	11.37	383.94	10.43	420.30	9.90
311.57	12.24	348.14	11.34	384.61	10.44	420.96	9.89
312.23	12.22	348.81	11.31	385.27	10.43	421.62	9.87
312.90	12.20	349.47	11.31	385.93	10.43	422.28	9.87
313.57	12.20	350.13	11.29	386.59	10.43	422.94	9.85
314.23	12.21	350.80	11.27	387.25	10.43	423.60	9.84
314.90	12.19	351.46	11.26	387.92	10.41	424.26	9.83
315.56	12.19	352.13	11.25	388.58	10.42	424.92	9.80
316.23	12.17	352.79	11.26	389.24	10.41	425.58	9.78
316.90	12.15	353.45	11.27	389.90	10.40	426.24	9.77
317.56	12.12	354.12	11.26	390.56	10.38	426.90	9.76
318.23	12.08	354.78	11.22	391.22	10.34	427.56	9.77
318.89	12.05	355.44	11.17	391.89	10.33	428.22	9.75
319.56	12.03	356.11	11.15	392.55	10.31	428.88	9.73
320.22	11.98	356.77	11.13	393.21	10.30	429.54	9.72
320.89	11.97	357.44	11.12	393.87	10.30	430.20	9.72
321.55	11.96	358.10	11.10	394.53	10.28	430.86	9.70
322.22	11.96	358.76	11.08	395.19	10.25	431.52	9.70

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	9.70	468.38	9.06	504.48	8.50	540.47	8.0
432.83	9.65	469.04	9.03	505.14	8.50	541.13	8.0
433.49	9.64	469.70	9.02	505.79	8.47	541.78	8.0
434.15	9.62	470.36	9.01	506.45	8.48	542.43	7.0
434.81	9.61	471.01	9.00	507.11	8.47	543.09	7.0
435.47	9.60	471.67	9.00	507.76	8.46	543.74	8.0
436.13	9.59	472.33	8.99	508.42	8.44	544.39	7.0
436.79	9.57	472.99	8.98	509.07	8.43	545.05	7.0
437.45	9.58	473.64	8.97	509.73	8.42	545.70	7.0
438.11	9.56	474.30	8.95	510.38	8.42	546.35	7.0
438.77	9.56	474.96	8.93	511.04	8.40	547.01	7.0
439.43	9.55	475.61	8.92	511.69	8.39	547.66	7.0
440.08	9.55	476.27	8.91	512.35	8.39	548.31	7.0
440.74	9.53	476.93	8.90	513.00	8.38	548.96	7.0
441.40	9.52	477.58	8.90	513.66	8.37	549.62	7.0
442.06	9.51	478.24	8.89	514.31	8.36	550.27	7.0
442.72	9.49	478.90	8.88	514.97	8.35	550.92	7.0
443.38	9.48	479.55	8.86	515.62	8.33	551.58	7.0
444.04	9.46	480.21	8.84	516.27	8.31	552.23	7.0
444.70	9.44	480.87	8.82	516.93	8.30	552.88	7.0
445.35	9.43	481.52	8.81	517.58	8.29	553.53	7.0
446.01	9.42	482.18	8.80	518.24	8.30	554.19	7.0
446.67	9.43	482.84	8.80	518.89	8.27	554.84	7.0
447.33	9.42	483.49	8.78	519.55	8.26	555.49	7.0
447.99	9.42	484.15	8.79	520.20	8.26	556.14	7.0
448.65	9.40	484.81	8.78	520.86	8.24	556.80	7.0
449.31	9.40	485.46	8.76	521.51	8.22	557.45	7.0
449.96	9.40	486.12	8.76	522.17	8.21	558.10	7.0
450.62	9.38	486.78	8.74	522.82	8.19	558.75	7.0
451.28	9.37	487.43	8.73	523.47	8.18	559.41	7.0
451.94	9.37	488.09	8.72	524.13	8.16	560.06	7.0
452.60	9.35	488.75	8.71	524.78	8.16	560.71	7.0
453.26	9.34	489.40	8.69	525.44	8.14	561.36	7.0
453.91	9.31	490.06	8.68	526.09	8.14	562.01	7.0
454.57	9.31	490.71	8.65	526.75	8.14	562.67	7.0
455.23	9.30	491.37	8.65	527.40	8.13	563.32	7.0
455.89	9.30	492.03	8.63	528.05	8.13	563.97	7.0
456.55	9.28	492.68	8.63	528.71	8.13	564.62	7.0
457.20	9.25	493.34	8.63	529.36	8.11	565.27	7.0
457.86	9.24	493.99	8.60	530.02	8.11	565.93	7.0
458.52	9.20	494.65	8.61	530.67	8.11	566.58	7.0
459.18	9.17	495.31	8.60	531.32	8.10	567.23	7.0
459.84	9.15	495.96	8.60	531.98	8.09	567.88	7.0
460.49	9.13	496.62	8.58	532.63	8.08	568.53	7.0
461.15	9.12	497.27	8.57	533.28	8.09	569.19	7.0
461.81	9.10	497.93	8.55	533.94	8.08	569.84	7.0
462.47	9.10	498.58	8.55	534.59	8.07	570.49	7.0
463.12	9.09	499.24	8.54	535.25	8.07	571.14	7.0
463.78	9.08	499.90	8.54	535.90	8.06	571.79	7.0
464.44	9.09	500.55	8.54	536.55	8.05	572.44	7.0
465.10	9.08	501.21	8.56	537.21	8.05	573.10	7.0
465.75	9.07	501.86	8.54	537.86	8.05	573.75	7.0
466.41	9.05	502.52	8.53	538.51	8.04	574.40	7.0
467.07	9.06	503.17	8.53	539.17	8.04	575.05	7.0
467.73	9.05	503.83	8.51	539.82	8.03	575.70	7.0
468.38	9.06	504.48	8.50	540.47	8.03	576.35	7.0



Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	7.68	612.77	7.30	648.43	7.02	683.98	6.74
577.66	7.66	613.42	7.30	649.08	7.00	684.62	6.74
578.31	7.67	614.07	7.29	649.72	7.00	685.27	6.73
578.96	7.66	614.72	7.29	650.37	7.01	685.91	6.73
579.61	7.64	615.37	7.28	651.02	7.00	686.56	6.74
580.26	7.65	616.02	7.26	651.66	6.99	687.20	6.74
580.91	7.64	616.67	7.26	652.31	6.98	687.85	6.73
581.56	7.62	617.32	7.26	652.96	6.98	688.49	6.72
582.21	7.60	617.96	7.27	653.61	6.97	689.14	6.73
582.86	7.62	618.61	7.25	654.25	6.97	689.78	6.72
583.52	7.58	619.26	7.26	654.90	6.97	690.43	6.72
584.17	7.57	619.91	7.24	655.55	6.96	691.07	6.71
584.82	7.56	620.56	7.23	656.19	6.95	691.72	6.71
585.47	7.56	621.21	7.25	656.84	6.95	692.36	6.72
586.12	7.56	621.86	7.23	657.49	6.94	693.01	6.70
586.77	7.56	622.51	7.20	658.13	6.95	693.65	6.68
587.42	7.55	623.16	7.20	658.78	6.93	694.30	6.68
588.07	7.54	623.80	7.19	659.43	6.93	694.94	6.67
588.72	7.52	624.45	7.19	660.07	6.92	695.59	6.68
589.37	7.51	625.10	7.20	660.72	6.92	696.23	6.68
590.02	7.49	625.75	7.19	661.37	6.90	696.87	6.66
590.67	7.51	626.40	7.19	662.01	6.91	697.52	6.65
591.32	7.49	627.05	7.19	662.66	6.91	698.16	6.65
591.97	7.49	627.70	7.17	663.31	6.87	698.81	6.65
592.63	7.48	628.34	7.16	663.95	6.88	699.45	6.65
593.28	7.48	628.99	7.15	664.60	6.88	700.10	6.65
593.93	7.49	629.64	7.15	665.25	6.87	700.74	6.65
594.58	7.50	630.29	7.13	665.89	6.85	701.39	6.64
595.23	7.49	630.94	7.14	666.54	6.86	702.03	6.64
595.88	7.48	631.59	7.13	667.19	6.85	702.67	6.63
596.53	7.49	632.23	7.14	667.83	6.85	703.32	6.64
597.18	7.49	632.88	7.13	668.48	6.84	703.96	6.64
597.83	7.47	633.53	7.14	669.12	6.84	704.61	6.64
598.48	7.47	634.18	7.12	669.77	6.85	705.25	6.62
599.13	7.46	634.83	7.12	670.42	6.84	705.90	6.63
599.78	7.46	635.48	7.11	671.06	6.84	706.54	6.61
600.43	7.44	636.12	7.12	671.71	6.83	707.18	6.61
601.08	7.42	636.77	7.09	672.35	6.82	707.83	6.60
601.73	7.42	637.42	7.10	673.00	6.81	708.47	6.60
602.38	7.39	638.07	7.10	673.65	6.81	709.11	6.60
603.03	7.41	638.71	7.08	674.29	6.80	709.76	6.58
603.68	7.38	639.36	7.08	674.94	6.80	710.40	6.58
604.33	7.40	640.01	7.06	675.58	6.78	711.05	6.58
604.98	7.38	640.66	7.05	676.23	6.78	711.69	6.58
605.63	7.38	641.31	7.06	676.88	6.77	712.33	6.56
606.28	7.37	641.95	7.06	677.52	6.76	712.98	6.56
606.93	7.38	642.60	7.05	678.17	6.75	713.62	6.55
607.58	7.36	643.25	7.04	678.81	6.76	714.26	6.55
608.23	7.35	643.90	7.04	679.46	6.75	714.91	6.54
608.88	7.33	644.54	7.03	680.10	6.75	715.55	6.53
609.52	7.33	645.19	7.03	680.75	6.76	716.20	6.53
610.17	7.33	645.84	7.01	681.39	6.75	716.84	6.52
610.82	7.33	646.49	7.02	682.04	6.74	717.48	6.52
611.47	7.32	647.13	7.01	682.68	6.75	718.13	6.53
612.12	7.31	647.78	7.01	683.33	6.74	718.77	6.51
612.77	7.30	648.43	7.02	683.98	6.74	719.41	6.51

Cruise: 91602  
 Date: 03-07-1991  
 Time: 08:21:03 GMT  
 Lat: 26 02.00 N  
 Lon: 95 00.00 W  
 Stn. 37

*This appears to be a bad probe (T at 720m → 6.5°C)*

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	22.06	68.78	22.03	102.69	21.75
		35.46	22.06	69.46	22.01	103.37	21.76
2.05	<del>22.99</del>	36.14	22.06	70.14	22.01	104.04	21.74
2.73	22.49	36.82	22.05	70.81	22.01	104.72	21.72
3.41	22.36	37.50	22.04	71.49	22.00	105.40	21.69
4.10	22.26	38.18	22.04	72.17	22.01	106.07	21.62
4.78	22.21	38.86	22.03	72.85	22.01	106.75	21.57
5.46	22.09	39.54	22.04	73.53	22.01	107.43	21.50
6.14	22.11	40.22	22.04	74.21	22.01	108.11	21.42
6.83	22.12	40.90	22.04	74.89	22.01	108.78	21.38
7.51	22.13	41.58	22.05	75.57	22.01	109.46	21.34
8.19	22.12	42.26	22.04	76.25	21.99	110.14	21.32
8.87	22.15	42.94	22.04	76.92	21.99	110.81	21.31
9.56	22.14	43.62	22.04	77.60	21.99	111.49	21.31
10.24	22.15	44.31	22.04	78.28	21.99	112.17	21.30
10.92	22.17	44.99	22.04	78.96	21.99	112.84	21.30
11.60	22.14	45.67	22.04	79.64	21.99	113.52	21.29
12.28	22.15	46.35	22.05	80.32	21.99	114.20	21.29
12.97	22.14	47.03	22.05	81.00	21.99	114.87	21.28
13.65	22.13	47.71	22.03	81.67	21.97	115.55	21.28
14.33	22.13	48.39	22.04	82.35	21.92	116.23	21.27
15.01	22.14	49.07	22.04	83.03	21.89	116.90	21.27
15.69	22.13	49.75	22.05	83.71	21.85	117.58	21.27
16.38	22.09	50.43	22.04	84.39	21.85	118.26	21.27
17.06	22.12	51.11	22.03	85.07	21.87	118.93	21.27
17.74	22.11	51.79	22.05	85.74	21.87	119.61	21.26
18.42	22.12	52.47	22.05	86.42	21.87	120.29	21.27
19.10	22.10	53.15	22.03	87.10	21.87	120.96	21.27
19.79	22.09	53.83	22.03	87.78	21.88	121.64	21.27
20.47	22.09	54.51	22.03	88.46	21.87	122.31	21.27
21.15	22.08	55.19	22.02	89.13	21.87	122.99	21.26
21.83	22.08	55.87	22.04	89.81	21.86	123.67	21.26
22.51	22.09	56.55	22.03	90.49	21.87	124.34	21.26
23.19	22.08	57.23	22.04	91.17	21.85	125.02	21.26
23.88	22.08	57.91	22.04	91.85	21.84	125.70	21.25
24.56	22.08	58.59	22.02	92.52	21.82	126.37	21.25
25.24	22.08	59.27	22.03	93.20	21.81	127.05	21.25
25.92	22.07	59.95	22.03	93.88	21.80	127.72	21.25
26.60	22.09	60.63	22.02	94.56	21.80	128.40	21.25
27.28	22.08	61.30	22.03	95.24	21.80	129.07	21.24
27.96	22.07	61.98	22.02	95.91	21.78	129.75	21.23
28.65	22.06	62.66	22.01	96.59	21.80	130.43	21.22
29.33	22.07	63.34	22.03	97.27	21.79	131.10	21.22
30.01	22.07	64.02	22.04	97.95	21.80	131.78	21.22
30.69	22.06	64.70	22.03	98.62	21.79	132.45	21.22
31.37	22.05	65.38	22.02	99.30	21.79	133.13	21.21
32.05	22.07	66.06	22.02	99.98	21.78	133.81	21.20
32.73	22.06	66.74	22.01	100.66	21.78	134.48	21.20
33.41	22.06	67.42	22.01	101.33	21.77	135.16	21.20
34.09	22.06	68.10	22.02	102.01	21.76	135.83	21.19
34.78	22.06	68.78	22.03	102.69	21.75	136.51	21.20

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	21.20	174.28	20.92	211.26	19.69	248.14	19.
137.86	21.19	174.95	20.89	211.93	19.64	248.81	19.
138.53	21.19	175.62	20.90	212.60	19.61	249.48	19.
139.21	21.19	176.30	20.90	213.28	19.59	250.14	19.
139.88	21.19	176.97	20.86	213.95	19.58	250.81	19.
140.56	21.18	177.64	20.82	214.62	19.57	251.48	19.
141.23	21.19	178.32	20.77	215.29	19.55	252.15	19.
141.91	21.17	178.99	20.75	215.96	19.54	252.82	19.
142.59	21.19	179.66	20.77	216.63	19.55	253.49	19.
143.26	21.17	180.34	20.82	217.30	19.52	254.16	19.
143.94	21.18	181.01	20.87	217.97	19.51	254.83	19.
144.61	21.18	181.68	20.99	218.65	19.51	255.50	19.
145.29	21.17	182.36	21.09	219.32	19.50	256.17	19.
145.96	21.17	183.03	21.16	219.99	19.47	256.84	19.
146.64	21.19	183.70	21.19	220.66	19.45	257.50	19.
147.31	21.19	184.38	21.20	221.33	19.45	258.17	19.
147.99	21.20	185.05	21.21	222.00	19.45	258.84	19.
148.66	21.20	185.72	21.15	222.67	19.45	259.51	19.
149.34	21.20	186.39	21.08	223.34	19.45	260.18	19.
150.01	21.20	187.07	21.04	224.01	19.44	260.85	19.
150.68	21.20	187.74	21.03	224.68	19.42	261.52	19.
151.36	21.20	188.41	21.02	225.35	19.39	262.19	19.
152.03	21.20	189.08	21.02	226.02	19.37	262.86	19.
152.71	21.20	189.76	21.02	226.70	19.35	263.52	19.
153.38	21.20	190.43	21.02	227.37	19.35	264.19	19.
154.06	21.21	191.10	21.01	228.04	19.33	264.86	19.
154.73	21.21	191.77	21.00	228.71	19.34	265.53	19.
155.41	21.21	192.45	20.98	229.38	19.31	266.20	19.
156.08	21.21	193.12	20.96	230.05	19.31	266.87	19.
156.76	21.21	193.79	20.91	230.72	19.30	267.53	19.
157.43	21.21	194.46	20.90	231.39	19.29	268.20	19.
158.10	21.21	195.14	20.86	232.06	19.29	268.87	19.
158.78	21.22	195.81	20.83	232.73	19.27	269.54	19.
159.45	21.22	196.48	20.79	233.40	19.26	270.21	19.
160.13	21.21	197.15	20.74	234.07	19.25	270.88	19.
160.80	21.21	197.83	20.68	234.74	19.23	271.54	19.
161.48	21.20	198.50	20.64	235.41	19.22	272.21	19.
162.15	21.21	199.17	20.60	236.08	19.19	272.88	19.
162.82	21.22	199.84	20.58	236.75	19.16	273.55	19.
163.50	21.22	200.51	20.56	237.42	19.16	274.22	19.
164.17	21.21	201.19	20.56	238.09	19.15	274.88	19.
164.85	21.21	201.86	20.54	238.76	19.13	275.55	19.
165.52	21.21	202.53	20.54	239.43	19.12	276.22	19.
166.19	21.20	203.20	20.52	240.10	19.12	276.89	19.
166.87	21.21	203.87	20.51	240.77	19.12	277.56	19.
167.54	21.20	204.55	20.51	241.44	19.11	278.22	19.
168.22	21.22	205.22	20.44	242.11	19.10	278.89	19.
168.89	21.21	205.89	20.37	242.78	19.08	279.56	19.
169.56	21.21	206.56	20.32	243.45	19.08	280.23	19.
170.24	21.21	207.23	20.28	244.12	19.07	280.90	19.
170.91	21.19	207.90	20.19	244.79	19.07	281.56	19.
171.58	21.17	208.58	20.10	245.46	19.06	282.23	19.
172.26	21.09	209.25	20.04	246.13	19.06	282.90	19.
172.93	21.03	209.92	19.94	246.80	19.05	283.57	19.
173.60	20.97	210.59	19.79	247.47	19.05	284.23	19.
174.28	20.92	211.26	19.69	248.14	19.05	284.90	19.

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	19.17	322.22	18.62	358.76	17.70	395.19	16.80
286.24	19.17	322.89	18.60	359.43	17.66	395.86	16.78
286.90	19.14	323.55	18.57	360.09	17.62	396.52	16.77
287.57	19.13	324.22	18.55	360.75	17.58	397.18	16.75
288.24	19.12	324.88	18.54	361.42	17.54	397.84	16.75
288.90	19.12	325.55	18.51	362.08	17.53	398.50	16.74
289.57	19.12	326.21	18.49	362.74	17.51	399.16	16.73
290.24	19.10	326.88	18.49	363.40	17.47	399.82	16.72
290.91	19.10	327.54	18.47	364.07	17.45	400.48	16.71
291.57	19.10	328.21	18.47	364.73	17.43	401.14	16.70
292.24	19.10	328.87	18.46	365.39	17.40	401.81	16.69
292.91	19.09	329.54	18.44	366.06	17.37	402.47	16.69
293.57	19.09	330.20	18.44	366.72	17.32	403.13	16.66
294.24	19.08	330.87	18.41	367.38	17.28	403.79	16.66
294.91	19.07	331.53	18.39	368.05	17.25	404.45	16.63
295.57	19.07	332.20	18.38	368.71	17.22	405.11	16.63
296.24	19.07	332.86	18.37	369.37	17.22	405.77	16.61
296.91	19.06	333.53	18.36	370.03	17.20	406.43	16.60
297.58	19.05	334.19	18.33	370.70	17.18	407.09	16.60
298.24	19.06	334.86	18.32	371.36	17.17	407.75	16.58
298.91	19.04	335.52	18.32	372.02	17.16	408.41	16.56
299.58	19.04	336.19	18.32	372.69	17.16	409.08	16.55
300.24	19.04	336.85	18.31	373.35	17.14	409.74	16.54
300.91	19.04	337.51	18.29	374.01	17.11	410.40	16.54
301.58	19.02	338.18	18.29	374.67	17.10	411.06	16.53
302.24	19.01	338.84	18.26	375.34	17.09	411.72	16.52
302.91	19.00	339.51	18.27	376.00	17.07	412.38	16.52
303.57	18.97	340.17	18.24	376.66	17.06	413.04	16.50
304.24	18.96	340.84	18.23	377.32	17.06	413.70	16.49
304.91	18.96	341.50	18.21	377.99	17.05	414.36	16.49
305.57	18.96	342.17	18.21	378.65	17.05	415.02	16.48
306.24	18.95	342.83	18.19	379.31	17.05	415.68	16.47
306.91	18.95	343.49	18.17	379.97	17.03	416.34	16.46
307.57	18.94	344.16	18.16	380.63	17.03	417.00	16.46
308.24	18.92	344.82	18.16	381.30	17.03	417.66	16.44
308.90	18.90	345.49	18.16	381.96	17.02	418.32	16.42
309.57	18.86	346.15	18.14	382.62	17.01	418.98	16.39
310.24	18.84	346.81	18.13	383.28	16.99	419.64	16.37
310.90	18.80	347.48	18.11	383.94	16.98	420.30	16.34
311.57	18.79	348.14	18.09	384.61	16.97	420.96	16.32
312.23	18.76	348.81	18.07	385.27	16.95	421.62	16.30
312.90	18.74	349.47	18.04	385.93	16.94	422.28	16.28
313.57	18.71	350.13	18.01	386.59	16.93	422.94	16.26
314.23	18.71	350.80	17.97	387.25	16.91	423.60	16.25
314.90	18.70	351.46	17.91	387.92	16.91	424.26	16.24
315.56	18.69	352.13	17.89	388.58	16.91	424.92	16.24
316.23	18.69	352.79	17.85	389.24	16.89	425.58	16.23
316.90	18.68	353.45	17.83	389.90	16.88	426.24	16.21
317.56	18.66	354.12	17.80	390.56	16.87	426.90	16.18
318.23	18.65	354.78	17.79	391.22	16.86	427.56	16.18
318.89	18.64	355.44	17.77	391.89	16.85	428.22	16.17
319.56	18.63	356.11	17.78	392.55	16.84	428.88	16.15
320.22	18.62	356.77	17.76	393.21	16.83	429.54	16.14
320.89	18.63	357.44	17.76	393.87	16.82	430.20	16.13
321.55	18.62	358.10	17.74	394.53	16.81	430.86	16.12
322.22	18.62	358.76	17.70	395.19	16.80	431.52	16.12

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	16.11	468.38	15.59	504.48	15.10	540.47	14.
432.83	16.10	469.04	15.60	505.14	15.10	541.13	14.
433.49	16.08	469.70	15.58	505.79	15.10	541.78	14.
434.15	16.08	470.36	15.57	506.45	15.09	542.43	14.
434.81	16.06	471.01	15.57	507.11	15.07	543.09	14.
435.47	16.05	471.67	15.56	507.76	15.05	543.74	14.
436.13	16.04	472.33	15.55	508.42	15.03	544.39	14.
436.79	16.03	472.99	15.53	509.07	15.02	545.05	14.
437.45	16.03	473.64	15.49	509.73	15.01	545.70	14.
438.11	16.01	474.30	15.47	510.38	14.97	546.35	14.
438.77	16.00	474.96	15.44	511.04	14.96	547.01	14.
439.43	15.99	475.61	15.43	511.69	14.94	547.66	14.
440.08	15.99	476.27	15.41	512.35	14.93	548.31	14.
440.74	15.98	476.93	15.38	513.00	14.92	548.96	14.
441.40	15.98	477.58	15.37	513.66	14.90	549.62	14.
442.06	15.97	478.24	15.34	514.31	14.89	550.27	14.
442.72	15.97	478.90	15.33	514.97	14.88	550.92	14.
443.38	15.97	479.55	15.32	515.62	14.88	551.58	14.
444.04	15.95	480.21	15.30	516.27	14.85	552.23	14.
444.70	15.93	480.87	15.30	516.93	14.85	552.88	14.
445.35	15.91	481.52	15.29	517.58	14.85	553.53	14.
446.01	15.89	482.18	15.30	518.24	14.84	554.19	14.
446.67	15.89	482.84	15.29	518.89	14.83	554.84	14.
447.33	15.88	483.49	15.26	519.55	14.83	555.49	14.
447.99	15.85	484.15	15.25	520.20	14.80	556.14	14.
448.65	15.84	484.81	15.24	520.86	14.79	556.80	14.
449.31	15.84	485.46	15.23	521.51	14.76	557.45	14.
449.96	15.85	486.12	15.23	522.17	14.74	558.10	14.
450.62	15.84	486.78	15.22	522.82	14.71	558.75	14.
451.28	15.83	487.43	15.22	523.47	14.70	559.41	14.
451.94	15.83	488.09	15.22	524.13	14.68	560.06	14.
452.60	15.82	488.75	15.23	524.78	14.68	560.71	14.
453.26	15.82	489.40	15.21	525.44	14.68	561.36	14.
453.91	15.82	490.06	15.21	526.09	14.68	562.01	14.
454.57	15.81	490.71	15.21	526.75	14.68	562.67	14.
455.23	15.81	491.37	15.20	527.40	14.67	563.32	14.
455.89	15.80	492.03	15.20	528.05	14.67	563.97	14.
456.55	15.79	492.68	15.21	528.71	14.67	564.62	14.
457.20	15.80	493.34	15.19	529.36	14.67	565.27	14.
457.86	15.78	493.99	15.19	530.02	14.65	565.93	14.
458.52	15.77	494.65	15.18	530.67	14.65	566.58	14.
459.18	15.76	495.31	15.17	531.32	14.64	567.23	14.
459.84	15.75	495.96	15.17	531.98	14.64	567.88	14.
460.49	15.74	496.62	15.16	532.63	14.63	568.53	14.
461.15	15.75	497.27	15.14	533.28	14.61	569.19	14.
461.81	15.73	497.93	15.14	533.94	14.60	569.84	14.
462.47	15.72	498.58	15.13	534.59	14.59	570.49	14.
463.12	15.71	499.24	15.14	535.25	14.57	571.14	13.
463.78	15.69	499.90	15.14	535.90	14.56	571.79	13.
464.44	15.69	500.55	15.13	536.55	14.55	572.44	13.
465.10	15.65	501.21	15.13	537.21	14.53	573.10	13.
465.75	15.65	501.86	15.14	537.86	14.53	573.75	13.
466.41	15.62	502.52	15.13	538.51	14.52	574.40	13.
467.07	15.61	503.17	15.12	539.17	14.52	575.05	13.
467.73	15.60	503.83	15.12	539.82	14.51	575.70	13.
468.38	15.59	504.48	15.10	540.47	14.50	576.35	13.

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	13.85	612.77	13.23	648.43	12.87	683.98	12.46
577.66	13.84	613.42	13.22	649.08	12.86	684.62	12.45
578.31	13.81	614.07	13.21	649.72	12.85	685.27	12.46
578.96	13.78	614.72	13.22	650.37	12.85	685.91	12.46
579.61	13.75	615.37	13.20	651.02	-12.84	686.56	12.45
580.26	13.74	616.02	13.20	651.66	12.83	687.20	12.44
580.91	13.73	616.67	13.19	652.31	12.81	687.85	12.44
581.56	13.72	617.32	13.19	652.96	12.81	688.49	12.42
582.21	13.72	617.96	13.20	653.61	12.80	689.14	12.42
582.86	13.72	618.61	13.19	654.25	12.78	689.78	12.40
583.52	13.71	619.26	13.19	654.90	12.77	690.43	12.38
584.17	13.72	619.91	13.18	655.55	12.76	691.07	12.37
584.82	13.71	620.56	13.18	656.19	12.75	691.72	12.37
585.47	13.71	621.21	13.18	656.84	12.72	692.36	12.35
586.12	13.69	621.86	13.17	657.49	12.69	693.01	12.34
586.77	13.69	622.51	13.16	658.13	12.67	693.65	12.33
587.42	13.68	623.16	13.16	658.78	12.66	694.30	12.33
588.07	13.68	623.80	13.15	659.43	12.64	694.94	12.32
588.72	13.67	624.45	13.15	660.07	12.63	695.59	12.32
589.37	13.67	625.10	13.14	660.72	12.62	696.23	12.31
590.02	13.67	625.75	13.16	661.37	12.62	696.87	12.31
590.67	13.66	626.40	13.14	662.01	12.61	697.52	12.32
591.32	13.66	627.05	13.14	662.66	12.61	698.16	12.31
591.97	13.67	627.70	13.14	663.31	12.61	698.81	12.31
592.63	13.67	628.34	13.13	663.95	12.60	699.45	12.31
593.28	13.67	628.99	13.13	664.60	12.61	700.10	12.31
593.93	13.67	629.64	13.13	665.25	12.59	700.74	12.30
594.58	13.64	630.29	13.13	665.89	12.59	701.39	12.29
595.23	13.63	630.94	13.13	666.54	12.60	702.03	12.29
595.88	13.61	631.59	13.12	667.19	12.59	702.67	12.28
596.53	13.57	632.23	13.10	667.83	12.59	703.32	12.28
597.18	13.55	632.88	13.09	668.48	12.57	703.96	12.27
597.83	13.53	633.53	13.07	669.12	12.57	704.61	12.25
598.48	13.53	634.18	13.06	669.77	12.56	705.25	12.23
599.13	13.51	634.83	13.05	670.42	12.56	705.90	12.22
599.78	13.49	635.48	13.04	671.06	12.56	706.54	12.20
600.43	13.48	636.12	13.02	671.71	12.56	707.18	12.18
601.08	13.45	636.77	13.00	672.35	12.56	707.83	12.18
601.73	13.43	637.42	12.99	673.00	12.56	708.47	12.17
602.38	13.42	638.07	12.98	673.65	12.56	709.11	12.15
603.03	13.39	638.71	12.96	674.29	12.56	709.76	12.16
603.68	13.37	639.36	12.98	674.94	12.55	710.40	12.15
604.33	13.37	640.01	12.97	675.58	12.55	711.05	12.15
604.98	13.36	640.66	12.95	676.23	12.55	711.69	12.14
605.63	13.34	641.31	12.94	676.88	12.55	712.33	12.15
606.28	13.33	641.95	12.94	677.52	12.54	712.98	12.15
606.93	13.31	642.60	12.93	678.17	12.53	713.62	12.15
607.58	13.29	643.25	12.94	678.81	12.52	714.26	12.15
608.23	13.28	643.90	12.93	679.46	12.51	714.91	12.14
608.88	13.27	644.54	12.92	680.10	12.50	715.55	12.11
609.52	13.25	645.19	12.91	680.75	12.49	716.20	12.09
610.17	13.24	645.84	12.90	681.39	12.48	716.84	12.06
610.82	13.24	646.49	12.89	682.04	12.47	717.48	12.03
611.47	13.24	647.13	12.88	682.68	12.46	718.13	12.02
612.12	13.23	647.78	12.87	683.33	12.46	718.77	12.01
612.77	13.23	648.43	12.87	683.98	12.46	719.41	12.02

Cruise: 91602  
 Date: 03-07-1991  
 Time: 10:27:54 GMT  
 Lat: 26 20.00 N  
 Lon: 95 00.00 W  
 Stn. 38

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	22.01	68.78	20.15	102.69	19.02
		35.46	22.00	69.46	20.10	103.37	18.98
2.05	22.30	36.14	22.00	70.14	20.08	104.04	18.97
2.73	22.30	36.82	21.94	70.81	20.08	104.72	18.90
3.41	22.35	37.50	21.90	71.49	20.05	105.40	18.82
4.10	22.34	38.18	21.88	72.17	20.04	106.07	18.78
4.78	22.30	38.86	21.85	72.85	20.04	106.75	18.66
5.46	22.30	39.54	21.79	73.53	20.03	107.43	18.58
6.14	22.25	40.22	21.69	74.21	19.98	108.11	18.52
6.83	22.21	40.90	21.57	74.89	19.92	108.78	18.48
7.51	22.24	41.58	21.53	75.57	19.86	109.46	18.40
8.19	22.23	42.26	21.51	76.25	19.78	110.14	18.32
8.87	22.24	42.94	21.48	76.92	19.72	110.81	18.27
9.56	22.22	43.62	21.46	77.60	19.69	111.49	18.23
10.24	22.21	44.31	21.47	78.28	19.64	112.17	18.23
10.92	22.22	44.99	21.44	78.96	19.62	112.84	18.21
11.60	22.23	45.67	21.44	79.64	19.60	113.52	18.16
12.28	22.20	46.35	21.42	80.32	19.54	114.20	18.12
12.97	22.20	47.03	21.42	81.00	19.53	114.87	18.10
13.65	22.20	47.71	21.42	81.67	19.52	115.55	18.08
14.33	22.19	48.39	21.41	82.35	19.53	116.23	18.01
15.01	22.21	49.07	21.40	83.03	19.52	116.90	17.96
15.69	22.17	49.75	21.40	83.71	19.52	117.58	17.89
16.38	22.18	50.43	21.39	84.39	19.51	118.26	17.88
17.06	22.19	51.11	21.29	85.07	19.47	118.93	17.84
17.74	22.16	51.79	21.28	85.74	19.46	119.61	17.82
18.42	22.19	52.47	21.24	86.42	19.46	120.29	17.77
19.10	22.13	53.15	21.23	87.10	19.45	120.96	17.67
19.79	22.15	53.83	21.24	87.78	19.43	121.64	17.59
20.47	22.13	54.51	21.24	88.46	19.43	122.31	17.56
21.15	22.16	55.19	21.26	89.13	19.43	122.99	17.53
21.83	22.14	55.87	21.24	89.81	19.45	123.67	17.51
22.51	22.13	56.55	21.21	90.49	19.49	124.34	17.51
23.19	22.13	57.23	21.21	91.17	19.50	125.02	17.50
23.88	22.11	57.91	21.20	91.85	19.50	125.70	17.49
24.56	22.09	58.59	21.21	92.52	19.52	126.37	17.48
25.24	22.10	59.27	21.17	93.20	19.52	127.05	17.42
25.92	22.10	59.95	21.09	93.88	19.53	127.72	17.41
26.60	22.09	60.63	21.01	94.56	19.57	128.40	17.37
27.28	22.10	61.30	20.85	95.24	19.56	129.07	17.32
27.96	22.10	61.98	20.85	95.91	19.54	129.75	17.30
28.65	22.09	62.66	20.85	96.59	19.52	130.43	17.30
29.33	22.08	63.34	20.71	97.27	19.48	131.10	17.29
30.01	22.08	64.02	20.54	97.95	19.41	131.78	17.26
30.69	22.08	64.70	20.43	98.62	19.35	132.45	17.26
31.37	22.07	65.38	20.37	99.30	19.31	133.13	17.24
32.05	22.05	66.06	20.34	99.98	19.27	133.81	17.23
32.73	22.02	66.74	20.31	100.66	19.25	134.48	17.21
33.41	22.03	67.42	20.26	101.33	19.15	135.16	17.18
34.09	22.02	68.10	20.16	102.01	19.05	135.83	17.13
34.78	22.01	68.78	20.15	102.69	19.02	136.51	17.08

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	17.05	174.28	15.49	211.26	13.89	248.14	12.
137.86	17.04	174.95	15.47	211.93	13.86	248.81	12.
138.53	17.03	175.62	15.45	212.60	13.85	249.48	12.
139.21	17.02	176.30	15.43	213.28	13.83	250.14	12.
139.88	17.01	176.97	15.40	213.95	13.77	250.81	12.
140.56	16.99	177.64	15.34	214.62	13.74	251.48	12.
141.23	16.98	178.32	15.33	215.29	13.73	252.15	12.
141.91	16.98	178.99	15.31	215.96	13.69	252.82	12.
142.59	16.98	179.66	15.29	216.63	13.67	253.49	12.
143.26	16.97	180.34	15.26	217.30	13.60	254.16	12.
143.94	16.98	181.01	15.23	217.97	13.57	254.83	12.
144.61	16.96	181.68	15.17	218.65	13.53	255.50	12.
145.29	16.96	182.36	15.13	219.32	13.52	256.17	12.
145.96	16.92	183.03	15.11	219.99	13.49	256.84	12.
146.64	16.88	183.70	15.08	220.66	13.48	257.50	12.
147.31	16.84	184.38	15.06	221.33	13.46	258.17	12.
147.99	16.80	185.05	15.03	222.00	13.42	258.84	12.
148.66	16.78	185.72	15.02	222.67	13.42	259.51	12.
149.34	16.75	186.39	15.03	223.34	13.39	260.18	12.
150.01	16.72	187.07	15.00	224.01	13.37	260.85	12.
150.68	16.71	187.74	14.94	224.68	13.34	261.52	12.
151.36	16.71	188.41	14.94	225.35	13.31	262.19	12.
152.03	16.68	189.08	14.93	226.02	13.30	262.86	12.
152.71	16.67	189.76	14.91	226.70	13.28	263.52	12.
153.38	16.64	190.43	14.89	227.37	13.28	264.19	12.
154.06	16.63	191.10	14.90	228.04	13.28	264.86	12.
154.73	16.58	191.77	14.88	228.71	13.26	265.53	12.
155.41	16.52	192.45	14.82	229.38	13.25	266.20	12.
156.08	16.47	193.12	14.79	230.05	13.24	266.87	12.
156.76	16.44	193.79	14.78	230.72	13.22	267.53	12.
157.43	16.40	194.46	14.77	231.39	13.22	268.20	12.
158.10	16.37	195.14	14.73	232.06	13.19	268.87	12.
158.78	16.33	195.81	14.67	232.73	13.16	269.54	12.
159.45	16.30	196.48	14.62	233.40	13.14	270.21	12.
160.13	16.22	197.15	14.57	234.07	13.12	270.88	12.
160.80	16.21	197.83	14.52	234.74	13.11	271.54	12.
161.48	16.17	198.50	14.45	235.41	13.07	272.21	12.
162.15	16.14	199.17	14.40	236.08	13.06	272.88	12.
162.82	16.11	199.84	14.38	236.75	13.04	273.55	12.
163.50	16.08	200.51	14.35	237.42	13.03	274.22	12.
164.17	16.04	201.19	14.35	238.09	13.01	274.88	12.
164.85	16.02	201.86	14.33	238.76	13.00	275.55	12.
165.52	15.99	202.53	14.31	239.43	12.98	276.22	12.
166.19	15.96	203.20	14.27	240.10	12.97	276.89	12.
166.87	15.92	203.87	14.23	240.77	12.95	277.56	12.
167.54	15.87	204.55	14.19	241.44	12.93	278.22	12.
168.22	15.83	205.22	14.16	242.11	12.91	278.89	12.
168.89	15.80	205.89	14.13	242.78	12.87	279.56	12.
169.56	15.78	206.56	14.11	243.45	12.86	280.23	12.
170.24	15.74	207.23	14.09	244.12	12.80	280.90	11.
170.91	15.69	207.90	14.06	244.79	12.78	281.56	11.
171.58	15.64	208.58	14.05	245.46	12.75	282.23	11.
172.26	15.60	209.25	14.02	246.13	12.74	282.90	11.
172.93	15.55	209.92	13.99	246.80	12.72	283.57	11.
173.60	15.52	210.59	13.93	247.47	12.72	284.23	11.
174.28	15.49	211.26	13.89	248.14	12.72	284.90	11.



Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	11.88	322.22	11.07	358.76	10.28	395.19	9.65
286.24	11.88	322.89	11.05	359.43	10.27	395.86	9.65
286.90	11.87	323.55	11.04	360.09	10.25	396.52	9.64
287.57	11.85	324.22	11.03	360.75	10.24	397.18	9.62
288.24	11.83	324.88	11.04	361.42	-10.23	397.84	9.62
288.90	11.82	325.55	11.03	362.08	10.22	398.50	9.62
289.57	11.80	326.21	11.02	362.74	10.21	399.16	9.61
290.24	11.78	326.88	10.99	363.40	10.21	399.82	9.61
290.91	11.77	327.54	11.00	364.07	10.19	400.48	9.61
291.57	11.75	328.21	10.99	364.73	10.17	401.14	9.59
292.24	11.74	328.87	10.97	365.39	10.13	401.81	9.60
292.91	11.72	329.54	10.97	366.06	10.13	402.47	9.57
293.57	11.70	330.20	10.95	366.72	10.10	403.13	9.57
294.24	11.68	330.87	10.93	367.38	10.10	403.79	9.56
294.91	11.67	331.53	10.91	368.05	10.08	404.45	9.55
295.57	11.67	332.20	10.90	368.71	10.06	405.11	9.53
296.24	11.61	332.86	10.88	369.37	10.06	405.77	9.53
296.91	11.56	333.53	10.85	370.03	10.03	406.43	9.50
297.58	11.55	334.19	10.83	370.70	10.02	407.09	9.49
298.24	11.56	334.86	10.78	371.36	10.02	407.75	9.48
298.91	11.54	335.52	10.77	372.02	10.01	408.41	9.44
299.58	11.54	336.19	10.76	372.69	9.99	409.08	9.43
300.24	11.52	336.85	10.74	373.35	9.95	409.74	9.45
300.91	11.51	337.51	10.73	374.01	9.94	410.40	9.45
301.58	11.50	338.18	10.71	374.67	9.93	411.06	9.43
302.24	11.49	338.84	10.68	375.34	9.94	411.72	9.40
302.91	11.47	339.51	10.66	376.00	9.92	412.38	9.37
303.57	11.46	340.17	10.65	376.66	9.92	413.04	9.34
304.24	11.45	340.84	10.62	377.32	9.90	413.70	9.30
304.91	11.45	341.50	10.58	377.99	9.89	414.36	9.31
305.57	11.45	342.17	10.57	378.65	9.86	415.02	9.29
306.24	11.42	342.83	10.55	379.31	9.84	415.68	9.28
306.91	11.41	343.49	10.53	379.97	9.79	416.34	9.27
307.57	11.39	344.16	10.51	380.63	9.78	417.00	9.26
308.24	11.37	344.82	10.49	381.30	9.77	417.66	9.25
308.90	11.35	345.49	10.47	381.96	9.77	418.32	9.24
309.57	11.32	346.15	10.47	382.62	9.77	418.98	9.23
310.24	11.32	346.81	10.45	383.28	9.76	419.64	9.22
310.90	11.29	347.48	10.44	383.94	9.75	420.30	9.18
311.57	11.27	348.14	10.43	384.61	9.76	420.96	9.15
312.23	11.25	348.81	10.42	385.27	9.76	421.62	9.15
312.90	11.24	349.47	10.40	385.93	9.74	422.28	9.15
313.57	11.23	350.13	10.39	386.59	9.74	422.94	9.14
314.23	11.21	350.80	10.37	387.25	9.74	423.60	9.13
314.90	11.19	351.46	10.35	387.92	9.73	424.26	9.12
315.56	11.19	352.13	10.33	388.58	9.70	424.92	9.11
316.23	11.18	352.79	10.31	389.24	9.70	425.58	9.09
316.90	11.17	353.45	10.31	389.90	9.70	426.24	9.07
317.56	11.17	354.12	10.31	390.56	9.69	426.90	9.05
318.23	11.14	354.78	10.30	391.22	9.68	427.56	9.03
318.89	11.11	355.44	10.30	391.89	9.66	428.22	9.03
319.56	11.10	356.11	10.29	392.55	9.66	428.88	9.03
320.22	11.11	356.77	10.29	393.21	9.65	429.54	9.00
320.89	11.09	357.44	10.28	393.87	9.65	430.20	8.97
321.55	11.09	358.10	10.28	394.53	9.65	430.86	8.94
322.22	11.07	358.76	10.28	395.19	9.65	431.52	8.94

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	8.93	468.38	8.42	504.48	8.00	540.47	7.
432.83	8.92	469.04	8.43	505.14	7.97	541.13	7.
433.49	8.92	469.70	8.41	505.79	7.99	541.78	7.
434.15	8.91	470.36	8.41	506.45	7.97	542.43	7.
434.81	8.92	471.01	8.40	507.11	7.96	543.09	7.
435.47	8.93	471.67	8.38	507.76	7.96	543.74	7.
436.13	8.90	472.33	8.38	508.42	7.95	544.39	7.
436.79	8.88	472.99	8.36	509.07	7.95	545.05	7.
437.45	8.86	473.64	8.36	509.73	7.94	545.70	7.
438.11	8.84	474.30	8.34	510.38	7.93	546.35	7.
438.77	8.83	474.96	8.35	511.04	7.92	547.01	7.
439.43	8.83	475.61	8.34	511.69	7.92	547.66	7.
440.08	8.83	476.27	8.32	512.35	7.91	548.31	7.
440.74	8.81	476.93	8.32	513.00	7.93	548.96	7.
441.40	8.82	477.58	8.31	513.66	7.91	549.62	7.
442.06	8.80	478.24	8.32	514.31	7.91	550.27	7.
442.72	8.79	478.90	8.31	514.97	7.90	550.92	7.
443.38	8.76	479.55	8.31	515.62	7.89	551.58	7.
444.04	8.74	480.21	8.28	516.27	7.87	552.23	7.
444.70	8.74	480.87	8.28	516.93	7.83	552.88	7.
445.35	8.71	481.52	8.28	517.58	7.83	553.53	7.
446.01	8.69	482.18	8.28	518.24	7.83	554.19	7.
446.67	8.67	482.84	8.28	518.89	7.83	554.84	7.
447.33	8.68	483.49	8.24	519.55	7.84	555.49	7.
447.99	8.67	484.15	8.23	520.20	7.83	556.14	7.
448.65	8.67	484.81	8.21	520.86	7.82	556.80	7.
449.31	8.67	485.46	8.21	521.51	7.82	557.45	7.
449.96	8.63	486.12	8.21	522.17	7.80	558.10	7.
450.62	8.62	486.78	8.21	522.82	7.79	558.75	7.
451.28	8.61	487.43	8.20	523.47	7.79	559.41	7.
451.94	8.60	488.09	8.20	524.13	7.79	560.06	7.
452.60	8.58	488.75	8.19	524.78	7.77	560.71	7.
453.26	8.58	489.40	8.18	525.44	7.75	561.36	7.
453.91	8.56	490.06	8.16	526.09	7.75	562.01	7.
454.57	8.57	490.71	8.15	526.75	7.73	562.67	7.
455.23	8.54	491.37	8.16	527.40	7.72	563.32	7.
455.89	8.55	492.03	8.14	528.05	7.73	563.97	7.
456.55	8.54	492.68	8.13	528.71	7.72	564.62	7.
457.20	8.54	493.34	8.13	529.36	7.71	565.27	7.
457.86	8.53	493.99	8.13	530.02	7.68	565.93	7.
458.52	8.52	494.65	8.11	530.67	7.68	566.58	7.
459.18	8.50	495.31	8.10	531.32	7.67	567.23	7.
459.84	8.50	495.96	8.07	531.98	7.66	567.88	7.
460.49	8.45	496.62	8.06	532.63	7.64	568.53	7.
461.15	8.46	497.27	8.08	533.28	7.66	569.19	7.
461.81	8.45	497.93	8.05	533.94	7.64	569.84	7.
462.47	8.43	498.58	8.06	534.59	7.63	570.49	7.
463.12	8.42	499.24	8.04	535.25	7.61	571.14	7.
463.78	8.42	499.90	8.04	535.90	7.60	571.79	7.
464.44	8.42	500.55	8.04	536.55	7.59	572.44	7.
465.10	8.42	501.21	8.04	537.21	7.58	573.10	7.
465.75	8.43	501.86	8.03	537.86	7.58	573.75	7.
466.41	8.44	502.52	8.01	538.51	7.57	574.40	7.
467.07	8.42	503.17	8.02	539.17	7.55	575.05	7.
467.73	8.43	503.83	8.00	539.82	7.56	575.70	7.
468.38	8.42	504.48	8.00	540.47	7.56	576.35	7.

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	7.24	612.77	6.80	648.43	6.52	683.98	6.31
577.66	7.23	613.42	6.80	649.08	6.52	684.62	6.31
578.31	7.21	614.07	6.79	649.72	6.51	685.27	6.29
578.96	7.20	614.72	6.79	650.37	6.50	685.91	6.29
579.61	7.20	615.37	6.78	651.02	6.51	686.56	6.28
580.26	7.19	616.02	6.79	651.66	6.51	687.20	6.27
580.91	7.17	616.67	6.78	652.31	6.49	687.85	6.27
581.56	7.17	617.32	6.77	652.96	6.49	688.49	6.26
582.21	7.16	617.96	6.78	653.61	6.50	689.14	6.26
582.86	7.15	618.61	6.76	654.25	6.49	689.78	6.25
583.52	7.15	619.26	6.76	654.90	6.47	690.43	6.26
584.17	7.14	619.91	6.73	655.55	6.46	691.07	6.24
584.82	7.14	620.56	6.73	656.19	6.45	691.72	6.24
585.47	7.14	621.21	6.71	656.84	6.45	692.36	6.25
586.12	7.12	621.86	6.71	657.49	6.46	693.01	6.23
586.77	7.11	622.51	6.70	658.13	6.46	693.65	6.24
587.42	7.08	623.16	6.70	658.78	6.46	694.30	6.25
588.07	7.07	623.80	6.71	659.43	6.45	694.94	6.24
588.72	7.07	624.45	6.71	660.07	6.45	695.59	6.23
589.37	7.07	625.10	6.70	660.72	6.43	696.23	6.23
590.02	7.07	625.75	6.69	661.37	6.43	696.87	6.23
590.67	7.07	626.40	6.68	662.01	6.43	697.52	6.22
591.32	7.07	627.05	6.67	662.66	6.42	698.16	6.22
591.97	7.05	627.70	6.67	663.31	6.41	698.81	6.20
592.63	7.04	628.34	6.67	663.95	6.40	699.45	6.20
593.28	7.05	628.99	6.67	664.60	6.40	700.10	6.19
593.93	7.03	629.64	6.67	665.25	6.39	700.74	6.19
594.58	6.99	630.29	6.66	665.89	6.38	701.39	6.19
595.23	7.00	630.94	6.66	666.54	6.38	702.03	6.19
595.88	6.99	631.59	6.66	667.19	6.38	702.67	6.19
596.53	6.99	632.23	6.66	667.83	6.38	703.32	6.18
597.18	6.96	632.88	6.64	668.48	6.38	703.96	6.19
597.83	6.95	633.53	6.65	669.12	6.37	704.61	6.17
598.48	6.94	634.18	6.62	669.77	6.37	705.25	6.17
599.13	6.93	634.83	6.62	670.42	6.38	705.90	6.16
599.78	6.92	635.48	6.61	671.06	6.36	706.54	6.17
600.43	6.92	636.12	6.61	671.71	6.35	707.18	6.15
601.08	6.91	636.77	6.61	672.35	6.36	707.83	6.16
601.73	6.92	637.42	6.61	673.00	6.36	708.47	6.14
602.38	6.91	638.07	6.61	673.65	6.36	709.11	6.13
603.03	6.88	638.71	6.62	674.29	6.35	709.76	6.13
603.68	6.89	639.36	6.60	674.94	6.35	710.40	6.13
604.33	6.87	640.01	6.59	675.58	6.36	711.05	6.12
604.98	6.88	640.66	6.58	676.23	6.35	711.69	6.12
605.63	6.86	641.31	6.58	676.88	6.34	712.33	6.11
606.28	6.85	641.95	6.57	677.52	6.34	712.98	6.12
606.93	6.83	642.60	6.58	678.17	6.34	713.62	6.12
607.58	6.84	643.25	6.56	678.81	6.34	714.26	6.10
608.23	6.81	643.90	6.56	679.46	6.32	714.91	6.10
608.88	6.82	644.54	6.55	680.10	6.32	715.55	6.10
609.52	6.82	645.19	6.56	680.75	6.31	716.20	6.09
610.17	6.81	645.84	6.53	681.39	6.31	716.84	6.08
610.82	6.81	646.49	6.53	682.04	6.31	717.48	6.07
611.47	6.80	647.13	6.54	682.68	6.31	718.13	6.07
612.12	6.81	647.78	6.52	683.33	6.31	718.77	6.06
612.77	6.80	648.43	6.52	683.98	6.31	719.41	6.07

Cruise: 91G02  
 Date: 03-07-1991  
 Time: 12:27:56 GMT  
 Lat: 26 40.00 N  
 Lon: 95 00.00 W  
 Stn. 39

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	21.47	68.78	20.93	102.69	19.18
		35.46	21.44	69.46	20.88	103.37	19.08
2.05	21.62	36.14	21.42	70.14	20.85	104.04	19.06
2.73	21.65	36.82	21.39	70.81	20.80	104.72	19.03
3.41	21.65	37.50	21.36	71.49	20.75	105.40	19.03
4.10	21.63	38.18	21.34	72.17	20.72	106.07	19.02
4.78	21.64	38.86	21.33	72.85	20.70	106.75	19.00
5.46	21.65	39.54	21.33	73.53	20.65	107.43	18.97
6.14	21.67	40.22	21.32	74.21	20.60	108.11	18.92
6.83	21.67	40.90	21.30	74.89	20.54	108.78	18.88
7.51	21.68	41.58	21.29	75.57	20.50	109.46	18.86
8.19	21.68	42.26	21.29	76.25	20.43	110.14	18.78
8.87	21.68	42.94	21.29	76.92	20.37	110.81	18.73
9.56	21.67	43.62	21.29	77.60	20.37	111.49	18.70
10.24	21.67	44.31	21.28	78.28	20.41	112.17	18.68
10.92	21.66	44.99	21.28	78.96	20.40	112.84	18.64
11.60	21.66	45.67	21.29	79.64	20.37	113.52	18.63
12.28	21.65	46.35	21.28	80.32	20.36	114.20	18.60
12.97	21.66	47.03	21.28	81.00	20.31	114.87	18.59
13.65	21.65	47.71	21.29	81.67	20.25	115.55	18.58
14.33	21.64	48.39	21.28	82.35	20.20	116.23	18.57
15.01	21.63	49.07	21.28	83.03	20.14	116.90	18.57
15.69	21.63	49.75	21.27	83.71	20.10	117.58	18.56
16.38	21.63	50.43	21.24	84.39	20.02	118.26	18.55
17.06	21.63	51.11	21.20	85.07	19.95	118.93	18.48
17.74	21.63	51.79	21.15	85.74	19.85	119.61	18.39
18.42	21.60	52.47	21.12	86.42	19.69	120.29	18.36
19.10	21.62	53.15	21.10	87.10	19.60	120.96	18.35
19.79	21.61	53.83	21.09	87.78	19.55	121.64	18.32
20.47	21.61	54.51	21.08	88.46	19.58	122.31	18.28
21.15	21.61	55.19	21.06	89.13	19.55	122.99	18.21
21.83	21.60	55.87	21.05	89.81	19.50	123.67	18.12
22.51	21.59	56.55	21.05	90.49	19.44	124.34	18.06
23.19	21.60	57.23	21.04	91.17	19.42	125.02	18.02
23.88	21.58	57.91	21.03	91.85	19.40	125.70	18.01
24.56	21.59	58.59	21.02	92.52	19.39	126.37	17.97
25.24	21.59	59.27	21.02	93.20	19.40	127.05	17.96
25.92	21.58	59.95	21.00	93.88	19.41	127.72	17.94
26.60	21.57	60.63	20.98	94.56	19.45	128.40	17.89
27.28	21.59	61.30	20.97	95.24	19.47	129.07	17.90
27.96	21.58	61.98	20.91	95.91	19.49	129.75	17.79
28.65	21.59	62.66	20.81	96.59	19.52	130.43	17.67
29.33	21.59	63.34	20.79	97.27	19.50	131.10	17.60
30.01	21.58	64.02	20.77	97.95	19.47	131.78	17.55
30.69	21.57	64.70	20.77	98.62	19.39	132.45	17.52
31.37	21.55	65.38	20.79	99.30	19.31	133.13	17.49
32.05	21.52	66.06	20.82	99.98	19.30	133.81	17.47
32.73	21.51	66.74	20.85	100.66	19.28	134.48	17.45
33.41	21.48	67.42	20.90	101.33	19.25	135.16	17.43
34.09	21.47	68.10	20.93	102.01	19.21	135.83	17.41
34.78	21.47	68.78	20.93	102.69	19.18	136.51	17.38

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	17.32	174.28	15.84	211.26	14.35	248.14	13.
137.86	17.24	174.95	15.83	211.93	14.30	248.81	13.
138.53	17.18	175.62	15.82	212.60	14.27	249.48	13.
139.21	17.17	176.30	15.78	213.28	14.25	250.14	13.
139.88	17.14	176.97	15.75	213.95	14.24	250.81	13.
140.56	17.11	177.64	15.71	214.62	14.24	251.48	13.
141.23	17.08	178.32	15.65	215.29	14.21	252.15	13.
141.91	17.07	178.99	15.63	215.96	14.18	252.82	13.
142.59	17.05	179.66	15.60	216.63	14.15	253.49	13.
143.26	16.99	180.34	15.58	217.30	14.13	254.16	13.
143.94	16.96	181.01	15.55	217.97	14.11	254.83	13.
144.61	16.93	181.68	15.47	218.65	14.09	255.50	12.
145.29	16.91	182.36	15.42	219.32	14.08	256.17	12.
145.96	16.85	183.03	15.37	219.99	14.07	256.84	12.
146.64	16.81	183.70	15.36	220.66	14.05	257.50	12.
147.31	16.79	184.38	15.33	221.33	14.03	258.17	12.
147.99	16.76	185.05	15.30	222.00	13.99	258.84	12.
148.66	16.74	185.72	15.27	222.67	13.97	259.51	12.
149.34	16.71	186.39	15.26	223.34	13.94	260.18	12.
150.01	16.68	187.07	15.24	224.01	13.90	260.85	12.
150.68	16.65	187.74	15.21	224.68	13.88	261.52	12.
151.36	16.62	188.41	15.21	225.35	13.86	262.19	12.
152.03	16.61	189.08	15.19	226.02	13.83	262.86	12.
152.71	16.56	189.76	15.18	226.70	13.82	263.52	12.
153.38	16.53	190.43	15.18	227.37	13.80	264.19	12.
154.06	16.51	191.10	15.17	228.04	13.81	264.86	12.
154.73	16.47	191.77	15.15	228.71	13.78	265.53	12.
155.41	16.46	192.45	15.12	229.38	13.76	266.20	12.
156.08	16.43	193.12	15.10	230.05	13.75	266.87	12.
156.76	16.42	193.79	15.06	230.72	13.73	267.53	12.
157.43	16.41	194.46	15.03	231.39	13.69	268.20	12.
158.10	16.40	195.14	15.00	232.06	13.68	268.87	12.
158.78	16.37	195.81	14.95	232.73	13.67	269.54	12.
159.45	16.35	196.48	14.94	233.40	13.65	270.21	12.
160.13	16.34	197.15	14.90	234.07	13.65	270.88	12.
160.80	16.32	197.83	14.86	234.74	13.61	271.54	12.
161.48	16.30	198.50	14.81	235.41	13.60	272.21	12.
162.15	16.26	199.17	14.79	236.08	13.59	272.88	12.
162.82	16.23	199.84	14.77	236.75	13.57	273.55	12.
163.50	16.19	200.51	14.78	237.42	13.56	274.22	12.
164.17	16.18	201.19	14.76	238.09	13.54	274.88	12.
164.85	16.16	201.86	14.72	238.76	13.53	275.55	12.
165.52	16.13	202.53	14.69	239.43	13.50	276.22	12.
166.19	16.10	203.20	14.66	240.10	13.50	276.89	12.
166.87	16.09	203.87	14.64	240.77	13.47	277.56	12.
167.54	16.06	204.55	14.63	241.44	13.44	278.22	12.
168.22	16.05	205.22	14.60	242.11	13.43	278.89	12.
168.89	16.04	205.89	14.54	242.78	13.41	279.56	12.
169.56	16.00	206.56	14.49	243.45	13.40	280.23	12.
170.24	15.97	207.23	14.45	244.12	13.38	280.90	12.
170.91	15.95	207.90	14.43	244.79	13.35	281.56	12.
171.58	15.94	208.58	14.43	245.46	13.32	282.23	12.
172.26	15.92	209.25	14.40	246.13	13.31	282.90	12.
172.93	15.89	209.92	14.39	246.80	13.29	283.57	12.
173.60	15.86	210.59	14.37	247.47	13.27	284.23	12.
174.28	15.84	211.26	14.35	248.14	13.26	284.90	12.

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	12.24	322.22	11.32	358.76	10.52	395.19	9.88
286.24	12.23	322.89	11.30	359.43	10.50	395.86	9.88
286.90	12.22	323.55	11.29	360.09	10.49	396.52	9.88
287.57	12.21	324.22	11.28	360.75	10.49	397.18	9.86
288.24	12.18	324.88	11.26	361.42	-10.49	397.84	9.85
288.90	12.16	325.55	11.25	362.08	10.49	398.50	9.84
289.57	12.16	326.21	11.23	362.74	10.48	399.16	9.84
290.24	12.14	326.88	11.22	363.40	10.48	399.82	9.83
290.91	12.12	327.54	11.20	364.07	10.46	400.48	9.80
291.57	12.09	328.21	11.18	364.73	10.45	401.14	9.79
292.24	12.08	328.87	11.14	365.39	10.42	401.81	9.76
292.91	12.05	329.54	11.14	366.06	10.40	402.47	9.74
293.57	12.02	330.20	11.13	366.72	10.40	403.13	9.72
294.24	12.01	330.87	11.12	367.38	10.39	403.79	9.70
294.91	11.98	331.53	11.09	368.05	10.37	404.45	9.69
295.57	11.97	332.20	11.08	368.71	10.35	405.11	9.69
296.24	11.96	332.86	11.06	369.37	10.33	405.77	9.69
296.91	11.97	333.53	11.03	370.03	10.31	406.43	9.68
297.58	11.93	334.19	11.02	370.70	10.31	407.09	9.69
298.24	11.90	334.86	11.00	371.36	10.29	407.75	9.67
298.91	11.89	335.52	10.99	372.02	10.27	408.41	9.67
299.58	11.88	336.19	10.96	372.69	10.26	409.08	9.67
300.24	11.88	336.85	10.94	373.35	10.24	409.74	9.66
300.91	11.86	337.51	10.92	374.01	10.24	410.40	9.66
301.58	11.84	338.18	10.89	374.67	10.24	411.06	9.66
302.24	11.84	338.84	10.87	375.34	10.22	411.72	9.65
302.91	11.84	339.51	10.87	376.00	10.22	412.38	9.63
303.57	11.83	340.17	10.85	376.66	10.22	413.04	9.64
304.24	11.82	340.84	10.85	377.32	10.17	413.70	9.63
304.91	11.82	341.50	10.84	377.99	10.15	414.36	9.60
305.57	11.79	342.17	10.82	378.65	10.13	415.02	9.58
306.24	11.78	342.83	10.81	379.31	10.13	415.68	9.57
306.91	11.77	343.49	10.79	379.97	10.12	416.34	9.55
307.57	11.76	344.16	10.77	380.63	10.09	417.00	9.51
308.24	11.75	344.82	10.75	381.30	10.08	417.66	9.49
308.90	11.75	345.49	10.75	381.96	10.05	418.32	9.47
309.57	11.75	346.15	10.74	382.62	10.03	418.98	9.47
310.24	11.71	346.81	10.74	383.28	10.03	419.64	9.45
310.90	11.70	347.48	10.74	383.94	10.03	420.30	9.44
311.57	11.67	348.14	10.73	384.61	10.00	420.96	9.44
312.23	11.65	348.81	10.72	385.27	10.00	421.62	9.42
312.90	11.65	349.47	10.72	385.93	9.99	422.28	9.39
313.57	11.62	350.13	10.71	386.59	9.98	422.94	9.37
314.23	11.62	350.80	10.68	387.25	9.97	423.60	9.39
314.90	11.62	351.46	10.67	387.92	9.96	424.26	9.36
315.56	11.61	352.13	10.66	388.58	9.95	424.92	9.37
316.23	11.61	352.79	10.66	389.24	9.94	425.58	9.36
316.90	11.60	353.45	10.64	389.90	9.92	426.24	9.34
317.56	11.57	354.12	10.64	390.56	9.92	426.90	9.34
318.23	11.54	354.78	10.62	391.22	9.90	427.56	9.33
318.89	11.49	355.44	10.61	391.89	9.89	428.22	9.32
319.56	11.47	356.11	10.57	392.55	9.91	428.88	9.31
320.22	11.45	356.77	10.55	393.21	9.91	429.54	9.29
320.89	11.40	357.44	10.54	393.87	9.90	430.20	9.29
321.55	11.35	358.10	10.52	394.53	9.89	430.86	9.29
322.22	11.32	358.76	10.52	395.19	9.88	431.52	9.26

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	9.26	468.38	8.70	504.48	8.31	540.47	7.
432.83	9.26	469.04	8.69	505.14	8.27	541.13	7.
433.49	9.26	469.70	8.68	505.79	8.29	541.78	7.
434.15	9.23	470.36	8.68	506.45	8.29	542.43	7.
434.81	9.22	471.01	8.66	507.11	8.28	543.09	7.
435.47	9.20	471.67	8.64	507.76	8.27	543.74	7.
436.13	9.18	472.33	8.64	508.42	8.25	544.39	7.
436.79	9.18	472.99	8.64	509.07	8.25	545.05	7.
437.45	9.16	473.64	8.64	509.73	8.26	545.70	7.
438.11	9.17	474.30	8.63	510.38	8.23	546.35	7.
438.77	9.17	474.96	8.63	511.04	8.23	547.01	7.
439.43	9.15	475.61	8.63	511.69	8.22	547.66	7.
440.08	9.15	476.27	8.62	512.35	8.21	548.31	7.
440.74	9.15	476.93	8.61	513.00	8.19	548.96	7.
441.40	9.13	477.58	8.60	513.66	8.19	549.62	7.
442.06	9.11	478.24	8.59	514.31	8.18	550.27	7.
442.72	9.11	478.90	8.59	514.97	8.16	550.92	7.
443.38	9.10	479.55	8.59	515.62	8.13	551.58	7.
444.04	9.09	480.21	8.59	516.27	8.12	552.23	7.
444.70	9.07	480.87	8.58	516.93	8.13	552.88	7.
445.35	9.05	481.52	8.58	517.58	8.12	553.53	7.
446.01	9.05	482.18	8.54	518.24	8.11	554.19	7.
446.67	9.05	482.84	8.54	518.89	8.12	554.84	7.
447.33	9.04	483.49	8.53	519.55	8.11	555.49	7.
447.99	9.03	484.15	8.51	520.20	8.08	556.14	7.
448.65	9.03	484.81	8.51	520.86	8.07	556.80	7.
449.31	9.03	485.46	8.50	521.51	8.07	557.45	7.
449.96	9.03	486.12	8.49	522.17	8.07	558.10	7.
450.62	9.01	486.78	8.51	522.82	8.07	558.75	7.
451.28	8.99	487.43	8.51	523.47	8.06	559.41	7.
451.94	8.98	488.09	8.50	524.13	8.07	560.06	7.
452.60	8.97	488.75	8.48	524.78	8.07	560.71	7.
453.26	8.96	489.40	8.49	525.44	8.05	561.36	7.
453.91	8.96	490.06	8.47	526.09	8.04	562.01	7.
454.57	8.95	490.71	8.46	526.75	8.04	562.67	7.
455.23	8.94	491.37	8.44	527.40	8.04	563.32	7.
455.89	8.91	492.03	8.41	528.05	8.03	563.97	7.
456.55	8.93	492.68	8.40	528.71	8.03	564.62	7.
457.20	8.91	493.34	8.40	529.36	8.02	565.27	7.
457.86	8.91	493.99	8.38	530.02	8.01	565.93	7.
458.52	8.90	494.65	8.38	530.67	8.00	566.58	7.
459.18	8.88	495.31	8.38	531.32	8.01	567.23	7.
459.84	8.88	495.96	8.36	531.98	7.99	567.88	7.
460.49	8.87	496.62	8.36	532.63	7.98	568.53	7.
461.15	8.87	497.27	8.37	533.28	7.97	569.19	7.
461.81	8.87	497.93	8.34	533.94	7.94	569.84	7.
462.47	8.85	498.58	8.34	534.59	7.93	570.49	7.
463.12	8.84	499.24	8.34	535.25	7.92	571.14	7.
463.78	8.84	499.90	8.33	535.90	7.93	571.79	7.
464.44	8.82	500.55	8.32	536.55	7.93	572.44	7.
465.10	8.80	501.21	8.32	537.21	7.92	573.10	7.
465.75	8.79	501.86	8.31	537.86	7.91	573.75	7.
466.41	8.78	502.52	8.31	538.51	7.91	574.40	7.
467.07	8.75	503.17	8.30	539.17	7.87	575.05	7.
467.73	8.73	503.83	8.31	539.82	7.88	575.70	7.
468.38	8.70	504.48	8.31	540.47	7.85	576.35	7.

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	7.43	612.77	7.06	648.43	6.77	683.98	6.47
577.66	7.44	613.42	7.04	649.08	6.77	684.62	6.48
578.31	7.44	614.07	7.04	649.72	6.77	685.27	6.46
578.96	7.42	614.72	7.03	650.37	6.76	685.91	6.47
579.61	7.43	615.37	7.04	651.02	6.76	686.56	6.46
580.26	7.43	616.02	7.02	651.66	6.74	687.20	6.45
580.91	7.41	616.67	7.01	652.31	6.75	687.85	6.45
581.56	7.42	617.32	7.00	652.96	6.73	688.49	6.45
582.21	7.41	617.96	7.00	653.61	6.74	689.14	6.44
582.86	7.40	618.61	7.01	654.25	6.74	689.78	6.44
583.52	7.40	619.26	7.00	654.90	6.71	690.43	6.43
584.17	7.39	619.91	6.99	655.55	6.70	691.07	6.42
584.82	7.39	620.56	6.99	656.19	6.70	691.72	6.42
585.47	7.37	621.21	6.97	656.84	6.69	692.36	6.42
586.12	7.37	621.86	6.97	657.49	6.69	693.01	6.43
586.77	7.35	622.51	6.95	658.13	6.70	693.65	6.40
587.42	7.35	623.16	6.95	658.78	6.69	694.30	6.41
588.07	7.33	623.80	6.96	659.43	6.67	694.94	6.41
588.72	7.30	624.45	6.96	660.07	6.67	695.59	6.40
589.37	7.31	625.10	6.95	660.72	6.67	696.23	6.41
590.02	7.29	625.75	6.95	661.37	6.66	696.87	6.39
590.67	7.29	626.40	6.95	662.01	6.66	697.52	6.40
591.32	7.28	627.05	6.94	662.66	6.66	698.16	6.40
591.97	7.29	627.70	6.93	663.31	6.64	698.81	6.40
592.63	7.27	628.34	6.93	663.95	6.64	699.45	6.39
593.28	7.26	628.99	6.94	664.60	6.64	700.10	6.38
593.93	7.27	629.64	6.93	665.25	6.63	700.74	6.38
594.58	7.26	630.29	6.91	665.89	6.64	701.39	6.38
595.23	7.27	630.94	6.91	666.54	6.62	702.03	6.37
595.88	7.25	631.59	6.91	667.19	6.62	702.67	6.36
596.53	7.25	632.23	6.91	667.83	6.62	703.32	6.38
597.18	7.26	632.88	6.89	668.48	6.61	703.96	6.37
597.83	7.24	633.53	6.89	669.12	6.62	704.61	6.36
598.48	7.22	634.18	6.87	669.77	6.62	705.25	6.35
599.13	7.22	634.83	6.87	670.42	6.59	705.90	6.35
599.78	7.20	635.48	6.86	671.06	6.61	706.54	6.34
600.43	7.19	636.12	6.87	671.71	6.60	707.18	6.33
601.08	7.17	636.77	6.87	672.35	6.58	707.83	6.35
601.73	7.15	637.42	6.85	673.00	6.57	708.47	6.33
602.38	7.14	638.07	6.85	673.65	6.58	709.11	6.32
603.03	7.13	638.71	6.86	674.29	6.56	709.76	6.32
603.68	7.13	639.36	6.84	674.94	6.55	710.40	6.31
604.33	7.12	640.01	6.83	675.58	6.55	711.05	6.30
604.98	7.12	640.66	6.84	676.23	6.53	711.69	6.30
605.63	7.10	641.31	6.83	676.88	6.53	712.33	6.30
606.28	7.10	641.95	6.83	677.52	6.52	712.98	6.29
606.93	7.09	642.60	6.82	678.17	6.52	713.62	6.28
607.58	7.09	643.25	6.81	678.81	6.50	714.26	6.29
608.23	7.08	643.90	6.82	679.46	6.49	714.91	6.28
608.88	7.08	644.54	6.81	680.10	6.48	715.55	6.28
609.52	7.07	645.19	6.80	680.75	6.48	716.20	6.28
610.17	7.08	645.84	6.80	681.39	6.48	716.84	6.28
610.82	7.08	646.49	6.77	682.04	6.48	717.48	6.28
611.47	7.07	647.13	6.78	682.68	6.48	718.13	6.27
612.12	7.07	647.78	6.78	683.33	6.47	718.77	6.26
612.77	7.06	648.43	6.77	683.98	6.47	719.41	6.26



Cruise: 91G02  
 Date: 03-07-1991  
 Time: 14:32:49 GMT  
 Lat: 27 00.00 N  
 Lon: 95 00.00 W  
 Stn. 40

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	21.39	68.78	20.72	102.69	19.34
		35.46	21.38	69.46	20.71	103.37	19.34
2.05	21.89	36.14	21.39	70.14	20.69	104.04	19.23
2.73	21.71	36.82	21.39	70.81	20.69	104.72	19.12
3.41	21.69	37.50	21.39	71.49	20.68	105.40	19.02
4.10	21.64	38.18	21.39	72.17	20.66	106.07	18.98
4.78	21.62	38.86	21.38	72.85	20.65	106.75	18.96
5.46	21.63	39.54	21.37	73.53	20.63	107.43	18.97
6.14	21.64	40.22	21.38	74.21	20.61	108.11	18.98
6.83	21.65	40.90	21.37	74.89	20.60	108.78	18.98
7.51	21.64	41.58	21.37	75.57	20.57	109.46	18.96
8.19	21.64	42.26	21.37	76.25	20.58	110.14	18.96
8.87	21.63	42.94	21.38	76.92	20.56	110.81	18.93
9.56	21.62	43.62	21.39	77.60	20.53	111.49	18.92
10.24	21.60	44.31	21.38	78.28	20.51	112.17	18.88
10.92	21.62	44.99	21.35	78.96	20.48	112.84	18.82
11.60	21.60	45.67	21.27	79.64	20.45	113.52	18.77
12.28	21.60	46.35	21.21	80.32	20.42	114.20	18.71
12.97	21.61	47.03	21.23	81.00	20.40	114.87	18.67
13.65	21.57	47.71	21.26	81.67	20.34	115.55	18.64
14.33	21.58	48.39	21.27	82.35	20.31	116.23	18.59
15.01	21.58	49.07	21.26	83.03	20.28	116.90	18.51
15.69	21.56	49.75	21.27	83.71	20.22	117.58	18.48
16.38	21.57	50.43	21.25	84.39	20.15	118.26	18.47
17.06	21.56	51.11	21.24	85.07	20.10	118.93	18.45
17.74	21.58	51.79	21.22	85.74	20.05	119.61	18.41
18.42	21.55	52.47	21.21	86.42	20.00	120.29	18.39
19.10	21.56	53.15	21.20	87.10	19.97	120.96	18.37
19.79	21.55	53.83	21.18	87.78	19.95	121.64	18.33
20.47	21.56	54.51	21.13	88.46	19.88	122.31	18.31
21.15	21.54	55.19	21.08	89.13	19.82	122.99	18.28
21.83	21.54	55.87	21.08	89.81	19.78	123.67	18.26
22.51	21.55	56.55	21.06	90.49	19.74	124.34	18.22
23.19	21.54	57.23	21.06	91.17	19.71	125.02	18.16
23.88	21.53	57.91	21.04	91.85	19.65	125.70	18.11
24.56	21.54	58.59	21.03	92.52	19.56	126.37	18.05
25.24	21.54	59.27	21.03	93.20	19.50	127.05	18.02
25.92	21.54	59.95	21.03	93.88	19.47	127.72	17.98
26.60	21.53	60.63	21.03	94.56	19.48	128.40	17.96
27.28	21.53	61.30	21.01	95.24	19.51	129.07	17.91
27.96	21.54	61.98	21.00	95.91	19.55	129.75	17.88
28.65	21.52	62.66	20.94	96.59	19.57	130.43	17.86
29.33	21.52	63.34	20.89	97.27	19.56	131.10	17.85
30.01	21.51	64.02	20.85	97.95	19.54	131.78	17.83
30.69	21.49	64.70	20.83	98.62	19.52	132.45	17.81
31.37	21.48	65.38	20.80	99.30	19.47	133.13	17.79
32.05	21.47	66.06	20.78	99.98	19.36	133.81	17.77
32.73	21.43	66.74	20.76	100.66	19.29	134.48	17.73
33.41	21.42	67.42	20.74	101.33	19.26	135.16	17.70
34.09	21.40	68.10	20.74	102.01	19.33	135.83	17.66
34.78	21.39	68.78	20.72	102.69	19.34	136.51	17.62

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	17.56	174.28	16.54	211.26	15.32	248.14	14.
137.86	17.52	174.95	16.53	211.93	15.30	248.81	14.
138.53	17.48	175.62	16.52	212.60	15.25	249.48	14.
139.21	17.46	176.30	16.51	213.28	15.22	250.14	14.
139.88	17.44	176.97	16.48	213.95	15.21	250.81	14.
140.56	17.42	177.64	16.45	214.62	15.19	251.48	14.
141.23	17.39	178.32	16.44	215.29	15.15	252.15	14.
141.91	17.38	178.99	16.41	215.96	15.11	252.82	14.
142.59	17.36	179.66	16.39	216.63	15.08	253.49	14.
143.26	17.34	180.34	16.37	217.30	15.08	254.16	14.
143.94	17.33	181.01	16.38	217.97	15.07	254.83	14.
144.61	17.31	181.68	16.36	218.65	15.07	255.50	14.
145.29	17.30	182.36	16.36	219.32	15.05	256.17	14.
145.96	17.29	183.03	16.32	219.99	15.05	256.84	14.
146.64	17.26	183.70	16.29	220.66	15.05	257.50	14.
147.31	17.24	184.38	16.26	221.33	15.04	258.17	14.
147.99	17.22	185.05	16.24	222.00	15.04	258.84	14.
148.66	17.22	185.72	16.22	222.67	15.00	259.51	13.
149.34	17.21	186.39	16.21	223.34	14.93	260.18	13.
150.01	17.21	187.07	16.18	224.01	14.88	260.85	13.
150.68	17.19	187.74	16.15	224.68	14.86	261.52	13.
151.36	17.18	188.41	16.14	225.35	14.85	262.19	13.
152.03	17.18	189.08	16.13	226.02	14.85	262.86	13.
152.71	17.17	189.76	16.12	226.70	14.85	263.52	13.
153.38	17.14	190.43	16.10	227.37	14.84	264.19	13.
154.06	17.11	191.10	16.09	228.04	14.83	264.86	13.
154.73	17.10	191.77	16.06	228.71	14.83	265.53	13.
155.41	17.09	192.45	16.03	229.38	14.82	266.20	13.
156.08	17.07	193.12	15.97	230.05	14.81	266.87	13.
156.76	17.06	193.79	15.90	230.72	14.79	267.53	13.
157.43	17.04	194.46	15.85	231.39	14.75	268.20	13.
158.10	17.03	195.14	15.82	232.06	14.72	268.87	13.
158.78	17.00	195.81	15.81	232.73	14.71	269.54	13.
159.45	16.97	196.48	15.81	233.40	14.68	270.21	13.
160.13	16.95	197.15	15.76	234.07	14.67	270.88	13.
160.80	16.94	197.83	15.69	234.74	14.67	271.54	13.
161.48	16.92	198.50	15.62	235.41	14.65	272.21	13.
162.15	16.91	199.17	15.57	236.08	14.65	272.88	13.
162.82	16.91	199.84	15.55	236.75	14.63	273.55	13.
163.50	16.89	200.51	15.51	237.42	14.61	274.22	13.
164.17	16.88	201.19	15.49	238.09	14.60	274.88	13.
164.85	16.86	201.86	15.48	238.76	14.58	275.55	13.
165.52	16.85	202.53	15.49	239.43	14.57	276.22	13.
166.19	16.82	203.20	15.48	240.10	14.56	276.89	13.
166.87	16.78	203.87	15.46	240.77	14.53	277.56	13.
167.54	16.75	204.55	15.45	241.44	14.51	278.22	13.
168.22	16.73	205.22	15.41	242.11	14.49	278.89	13.
168.89	16.70	205.89	15.38	242.78	14.46	279.56	13.
169.56	16.68	206.56	15.36	243.45	14.44	280.23	13.
170.24	16.64	207.23	15.34	244.12	14.43	280.90	13.
170.91	16.61	207.90	15.34	244.79	14.43	281.56	13.
171.58	16.59	208.58	15.34	245.46	14.40	282.23	13.
172.26	16.57	209.25	15.35	246.13	14.39	282.90	13.
172.93	16.58	209.92	15.33	246.80	14.39	283.57	13.
173.60	16.56	210.59	15.33	247.47	14.38	284.23	13.
174.28	16.54	211.26	15.32	248.14	14.38	284.90	13.

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	13.25	322.22	11.97	358.76	11.18	395.19	10.31
286.24	13.22	322.89	11.94	359.43	11.15	395.86	10.30
286.90	13.17	323.55	11.90	360.09	11.13	396.52	10.27
287.57	13.14	324.22	11.85	360.75	11.11	397.18	10.21
288.24	13.13	324.88	11.82	361.42	-11.10	397.84	10.17
288.90	13.13	325.55	11.81	362.08	11.10	398.50	10.14
289.57	13.12	326.21	11.79	362.74	11.09	399.16	10.13
290.24	13.08	326.88	11.77	363.40	11.09	399.82	10.12
290.91	13.03	327.54	11.75	364.07	11.09	400.48	10.12
291.57	13.00	328.21	11.74	364.73	11.06	401.14	10.11
292.24	12.96	328.87	11.73	365.39	11.03	401.81	10.09
292.91	12.94	329.54	11.74	366.06	11.00	402.47	10.08
293.57	12.92	330.20	11.72	366.72	10.99	403.13	10.06
294.24	12.91	330.87	11.72	367.38	10.98	403.79	10.04
294.91	12.89	331.53	11.71	368.05	10.97	404.45	10.02
295.57	12.86	332.20	11.68	368.71	10.97	405.11	10.00
296.24	12.83	332.86	11.64	369.37	10.97	405.77	9.99
296.91	12.80	333.53	11.62	370.03	10.95	406.43	9.97
297.58	12.76	334.19	11.58	370.70	10.96	407.09	9.96
298.24	12.73	334.86	11.53	371.36	10.94	407.75	9.95
298.91	12.71	335.52	11.52	372.02	10.93	408.41	9.94
299.58	12.66	336.19	11.49	372.69	10.91	409.08	9.91
300.24	12.62	336.85	11.48	373.35	10.89	409.74	9.90
300.91	12.56	337.51	11.46	374.01	10.88	410.40	9.90
301.58	12.53	338.18	11.46	374.67	10.85	411.06	9.88
302.24	12.49	338.84	11.44	375.34	10.83	411.72	9.87
302.91	12.46	339.51	11.43	376.00	10.82	412.38	9.86
303.57	12.44	340.17	11.42	376.66	10.81	413.04	9.85
304.24	12.41	340.84	11.42	377.32	10.81	413.70	9.81
304.91	12.40	341.50	11.42	377.99	10.79	414.36	9.80
305.57	12.38	342.17	11.42	378.65	10.77	415.02	9.77
306.24	12.37	342.83	11.41	379.31	10.77	415.68	9.77
306.91	12.37	343.49	11.40	379.97	10.75	416.34	9.76
307.57	12.34	344.16	11.40	380.63	10.77	417.00	9.76
308.24	12.33	344.82	11.38	381.30	10.76	417.66	9.77
308.90	12.31	345.49	11.39	381.96	10.75	418.32	9.76
309.57	12.30	346.15	11.37	382.62	10.75	418.98	9.75
310.24	12.28	346.81	11.36	383.28	10.74	419.64	9.74
310.90	12.27	347.48	11.36	383.94	10.71	420.30	9.74
311.57	12.25	348.14	11.35	384.61	10.69	420.96	9.73
312.23	12.24	348.81	11.34	385.27	10.66	421.62	9.71
312.90	12.23	349.47	11.33	385.93	10.63	422.28	9.70
313.57	12.23	350.13	11.33	386.59	10.62	422.94	9.69
314.23	12.23	350.80	11.31	387.25	10.60	423.60	9.67
314.90	12.21	351.46	11.32	387.92	10.58	424.26	9.66
315.56	12.19	352.13	11.30	388.58	10.55	424.92	9.66
316.23	12.17	352.79	11.29	389.24	10.52	425.58	9.65
316.90	12.15	353.45	11.27	389.90	10.48	426.24	9.64
317.56	12.13	354.12	11.25	390.56	10.45	426.90	9.65
318.23	12.12	354.78	11.26	391.22	10.43	427.56	9.63
318.89	12.07	355.44	11.25	391.89	10.40	428.22	9.63
319.56	12.04	356.11	11.24	392.55	10.38	428.88	9.62
320.22	12.02	356.77	11.22	393.21	10.36	429.54	9.62
320.89	12.01	357.44	11.22	393.87	10.35	430.20	9.60
321.55	11.99	358.10	11.19	394.53	10.32	430.86	9.59
322.22	11.97	358.76	11.18	395.19	10.31	431.52	9.58

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	9.57	468.38	8.92	504.48	8.51	540.47	7.9
432.83	9.55	469.04	8.92	505.14	8.48	541.13	7.9
433.49	9.54	469.70	8.91	505.79	8.47	541.78	7.9
434.15	9.51	470.36	8.91	506.45	8.48	542.43	7.9
434.81	9.49	471.01	8.90	507.11	8.46	543.09	7.9
435.47	9.47	471.67	8.90	507.76	8.45	543.74	7.9
436.13	9.45	472.33	8.89	508.42	8.43	544.39	7.9
436.79	9.44	472.99	8.90	509.07	8.43	545.05	7.9
437.45	9.42	473.64	8.89	509.73	8.40	545.70	7.9
438.11	9.41	474.30	8.90	510.38	8.38	546.35	7.9
438.77	9.37	474.96	8.89	511.04	8.38	547.01	7.9
439.43	9.36	475.61	8.90	511.69	8.36	547.66	7.9
440.08	9.35	476.27	8.89	512.35	8.36	548.31	7.9
440.74	9.35	476.93	8.88	513.00	8.34	548.96	7.9
441.40	9.35	477.58	8.85	513.66	8.31	549.62	7.9
442.06	9.34	478.24	8.84	514.31	8.30	550.27	7.9
442.72	9.33	478.90	8.84	514.97	8.28	550.92	7.9
443.38	9.33	479.55	8.84	515.62	8.27	551.58	7.9
444.04	9.31	480.21	8.83	516.27	8.26	552.23	7.9
444.70	9.31	480.87	8.83	516.93	8.24	552.88	7.9
445.35	9.30	481.52	8.83	517.58	8.24	553.53	7.9
446.01	9.29	482.18	8.83	518.24	8.24	554.19	7.9
446.67	9.27	482.84	8.83	518.89	8.24	554.84	7.9
447.33	9.27	483.49	8.83	519.55	8.24	555.49	7.9
447.99	9.25	484.15	8.81	520.20	8.24	556.14	7.9
448.65	9.24	484.81	8.79	520.86	8.24	556.80	7.9
449.31	9.23	485.46	8.79	521.51	8.23	557.45	7.9
449.96	9.22	486.12	8.78	522.17	8.21	558.10	7.9
450.62	9.20	486.78	8.77	522.82	8.21	558.75	7.9
451.28	9.19	487.43	8.74	523.47	8.20	559.41	7.9
451.94	9.19	488.09	8.75	524.13	8.19	560.06	7.9
452.60	9.19	488.75	8.73	524.78	8.17	560.71	7.9
453.26	9.17	489.40	8.73	525.44	8.16	561.36	7.9
453.91	9.16	490.06	8.72	526.09	8.15	562.01	7.9
454.57	9.16	490.71	8.72	526.75	8.15	562.67	7.9
455.23	9.15	491.37	8.71	527.40	8.13	563.32	7.9
455.89	9.14	492.03	8.71	528.05	8.12	563.97	7.9
456.55	9.13	492.68	8.70	528.71	8.11	564.62	7.9
457.20	9.11	493.34	8.70	529.36	8.11	565.27	7.9
457.86	9.10	493.99	8.69	530.02	8.09	565.93	7.9
458.52	9.08	494.65	8.68	530.67	8.08	566.58	7.9
459.18	9.08	495.31	8.68	531.32	8.07	567.23	7.9
459.84	9.05	495.96	8.66	531.98	8.07	567.88	7.9
460.49	9.04	496.62	8.65	532.63	8.06	568.53	7.9
461.15	9.01	497.27	8.64	533.28	8.06	569.19	7.9
461.81	9.00	497.93	8.63	533.94	8.04	569.84	7.9
462.47	8.99	498.58	8.60	534.59	8.04	570.49	7.9
463.12	8.98	499.24	8.58	535.25	8.01	571.14	7.9
463.78	8.97	499.90	8.57	535.90	8.00	571.79	7.9
464.44	8.98	500.55	8.55	536.55	8.00	572.44	7.9
465.10	8.97	501.21	8.54	537.21	7.99	573.10	7.9
465.75	8.95	501.86	8.54	537.86	7.98	573.75	7.9
466.41	8.95	502.52	8.54	538.51	7.97	574.40	7.9
467.07	8.93	503.17	8.54	539.17	7.96	575.05	7.9
467.73	8.94	503.83	8.54	539.82	7.96	575.70	7.9
468.38	8.92	504.48	8.51	540.47	7.95	576.35	7.9

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	7.53	612.77	7.10	648.43	6.81	683.98	6.55
577.66	7.52	613.42	7.10	649.08	6.81	684.62	6.55
578.31	7.53	614.07	7.10	649.72	6.82	685.27	6.56
578.96	7.52	614.72	7.09	650.37	6.79	685.91	6.55
579.61	7.51	615.37	7.08	651.02	6.79	686.56	6.55
580.26	7.50	616.02	7.06	651.66	6.79	687.20	6.55
580.91	7.48	616.67	7.07	652.31	6.77	687.85	6.54
581.56	7.48	617.32	7.05	652.96	6.77	688.49	6.54
582.21	7.47	617.96	7.04	653.61	6.78	689.14	6.53
582.86	7.45	618.61	7.05	654.25	6.79	689.78	6.54
583.52	7.44	619.26	7.04	654.90	6.77	690.43	6.53
584.17	7.45	619.91	7.05	655.55	6.77	691.07	6.53
584.82	7.45	620.56	7.03	656.19	6.78	691.72	6.51
585.47	7.42	621.21	7.04	656.84	6.78	692.36	6.51
586.12	7.42	621.86	7.04	657.49	6.77	693.01	6.50
586.77	7.41	622.51	7.04	658.13	6.76	693.65	6.50
587.42	7.38	623.16	7.02	658.78	6.75	694.30	6.50
588.07	7.37	623.80	7.03	659.43	6.75	694.94	6.48
588.72	7.36	624.45	7.01	660.07	6.73	695.59	6.48
589.37	7.34	625.10	7.01	660.72	6.72	696.23	6.48
590.02	7.33	625.75	7.00	661.37	6.71	696.87	6.48
590.67	7.32	626.40	7.01	662.01	6.72	697.52	6.47
591.32	7.32	627.05	6.99	662.66	6.72	698.16	6.46
591.97	7.32	627.70	6.98	663.31	6.70	698.81	6.45
592.63	7.32	628.34	6.98	663.95	6.70	699.45	6.46
593.28	7.32	628.99	6.98	664.60	6.69	700.10	6.45
593.93	7.32	629.64	6.98	665.25	6.70	700.74	6.45
594.58	7.32	630.29	6.97	665.89	6.69	701.39	6.45
595.23	7.31	630.94	6.97	666.54	6.68	702.03	6.44
595.88	7.30	631.59	6.96	667.19	6.68	702.67	6.43
596.53	7.28	632.23	6.96	667.83	6.66	703.32	6.42
597.18	7.28	632.88	6.95	668.48	6.66	703.96	6.43
597.83	7.25	633.53	6.93	669.12	6.65	704.61	6.43
598.48	7.24	634.18	6.92	669.77	6.64	705.25	6.42
599.13	7.23	634.83	6.92	670.42	6.63	705.90	6.41
599.78	7.23	635.48	6.90	671.06	6.62	706.54	6.42
600.43	7.20	636.12	6.90	671.71	6.63	707.18	6.41
601.08	7.20	636.77	6.89	672.35	6.63	707.83	6.41
601.73	7.18	637.42	6.90	673.00	6.61	708.47	6.40
602.38	7.18	638.07	6.89	673.65	6.63	709.11	6.40
603.03	7.17	638.71	6.88	674.29	6.61	709.76	6.37
603.68	7.17	639.36	6.87	674.94	6.62	710.40	6.36
604.33	7.16	640.01	6.86	675.58	6.61	711.05	6.35
604.98	7.16	640.66	6.86	676.23	6.60	711.69	6.35
605.63	7.15	641.31	6.85	676.88	6.59	712.33	6.35
606.28	7.16	641.95	6.85	677.52	6.58	712.98	6.34
606.93	7.16	642.60	6.85	678.17	6.60	713.62	6.34
607.58	7.15	643.25	6.84	678.81	6.59	714.26	6.34
608.23	7.14	643.90	6.84	679.46	6.59	714.91	6.35
608.88	7.13	644.54	6.84	680.10	6.59	715.55	6.34
609.52	7.15	645.19	6.83	680.75	6.58	716.20	6.33
610.17	7.14	645.84	6.83	681.39	6.57	716.84	6.33
610.82	7.13	646.49	6.82	682.04	6.56	717.48	6.32
611.47	7.12	647.13	6.83	682.68	6.56	718.13	6.33
612.12	7.11	647.78	6.83	683.33	6.55	718.77	6.32
612.77	7.10	648.43	6.81	683.98	6.55	719.41	6.32

STATION SBE040.AUG:: CRUISE 91g02 DATE & TIME 1hu Mar 07 14:49:45 1991, Julian day = 66  
 LAT 27 00.5 LON 94 59.3 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
3.0	21.359	<del>35.558</del>	<del>24.822</del>	<del>8.919</del>	53.0	20.878	36.279	25.503	8.972	103.0	18.736	36.398	26.159	9.015
4.0	21.358	36.136	25.262	8.952	54.0	20.857	36.291	25.517	8.963	104.0	18.693	36.398	26.170	9.020
5.0	21.352	36.122	25.252	8.975	55.0	20.836	36.293	25.525	8.955	105.0	18.603	36.405	26.198	9.027
6.0	21.355	36.119	25.250	8.980	56.0	20.802	36.294	25.535	8.942	106.0	18.518	36.414	26.227	9.030
7.0	21.354	36.119	25.250	8.988	57.0	20.732	36.294	25.554	8.928	107.0	18.472	36.410	26.235	9.027
8.0	21.352	36.119	25.251	8.987	58.0	20.686	36.294	25.567	8.926	108.0	18.433	36.409	26.244	9.027
9.0	21.354	36.116	25.248	8.985	59.0	20.670	36.294	25.571	8.928	109.0	18.422	36.406	26.245	9.026
10.0	21.352	36.118	25.250	8.988	60.0	20.662	36.294	25.573	8.938	110.0	18.403	36.404	26.248	9.027
11.0	21.352	36.118	25.250	8.988	61.0	20.640	36.292	25.577	8.944	111.0	18.363	36.407	26.260	9.032
12.0	21.352	36.118	25.250	8.986	62.0	20.602	36.291	25.587	8.944	112.0	18.340	36.408	26.267	9.035
13.0	21.351	36.118	25.250	8.985	63.0	20.586	36.290	25.591	8.950	113.0	18.253	36.409	26.290	9.034
14.0	21.350	36.119	25.251	8.986	64.0	20.574	36.290	25.594	8.952	114.0	18.212	36.410	26.301	9.034
15.0	21.350	36.119	25.252	8.986	65.0	20.558	36.295	25.602	8.950	115.0	18.185	36.407	26.305	9.035
16.0	21.349	36.119	25.252	8.988	66.0	20.554	36.296	25.604	8.956	116.0	18.157	36.403	26.309	9.035
17.0	21.350	36.119	25.251	8.986	67.0	20.545	36.297	25.606	8.966	117.0	18.125	36.399	26.314	9.036
18.0	21.349	36.119	25.252	8.987	68.0	20.539	36.297	25.608	8.968	118.0	18.083	36.396	26.323	9.039
19.0	21.349	36.119	25.252	8.986	69.0	20.533	36.297	25.610	8.974	119.0	18.057	36.392	26.325	9.044
20.0	21.350	36.118	25.250	8.985	70.0	20.528	36.296	25.611	8.971	120.0	17.950	36.382	26.345	9.047
21.0	21.353	36.109	25.243	8.982	71.0	20.519	36.294	25.612	8.972	121.0	17.791	36.369	26.375	9.048
22.0	21.354	36.109	25.243	8.977	72.0	20.495	36.288	25.614	8.978	122.0	17.755	36.370	26.384	9.046
23.0	21.354	36.109	25.242	8.980	73.0	20.455	36.282	25.620	8.986	123.0	17.724	36.366	26.388	9.043
24.0	21.355	36.109	25.242	8.980	74.0	20.436	36.279	25.622	8.990	124.0	17.703	36.364	26.392	9.047
25.0	21.355	36.109	25.242	8.978	75.0	20.419	36.275	25.624	8.992	125.0	17.705	36.365	26.392	9.054
26.0	21.355	36.108	25.242	8.978	76.0	20.388	36.269	25.628	8.998	126.0	17.752	36.366	26.381	9.056
27.0	21.355	36.108	25.242	8.979	77.0	20.310	36.260	25.642	9.006	127.0	17.644	36.352	26.397	9.056
28.0	21.354	36.108	25.242	8.981	78.0	20.269	36.263	25.655	9.006	128.0	17.599	36.350	26.407	9.050
29.0	21.353	36.108	25.242	8.982	79.0	20.193	36.248	25.665	9.006	129.0	17.582	36.349	26.410	9.046
30.0	21.349	36.106	25.242	8.978	80.0	20.132	36.242	25.676	9.004	130.0	17.572	36.348	26.412	9.048
31.0	21.344	36.105	25.242	8.981	81.0	20.116	36.246	25.683	9.002	131.0	17.546	36.343	26.415	9.047
32.0	21.336	36.103	25.242	8.983	82.0	20.040	36.250	25.706	9.012	132.0	17.486	36.342	26.428	9.058
33.0	21.311	36.097	25.245	8.984	83.0	19.891	36.246	25.743	9.016	133.0	17.489	36.341	26.427	9.061
34.0	21.283	36.089	25.247	8.983	84.0	19.814	36.235	25.755	9.020	134.0	17.468	36.327	26.421	9.059
35.0	21.252	36.082	25.250	8.988	85.0	19.737	36.218	25.762	9.006	135.0	17.389	36.325	26.439	9.056
36.0	21.230	36.076	25.252	8.989	86.0	19.603	36.197	25.781	9.006	136.0	17.352	36.321	26.445	9.051
37.0	21.146	36.058	25.261	8.989	87.0	19.466	36.183	25.806	8.999	137.0	17.317	36.316	26.449	9.052
38.0	21.101	36.051	25.268	8.991	88.0	19.356	36.179	25.832	8.993	138.0	17.277	36.312	26.456	9.057
39.0	21.077	36.054	25.277	8.998	89.0	19.240	36.192	25.872	8.992	139.0	17.215	36.305	26.464	9.059
40.0	21.068	36.058	25.282	9.002	90.0	19.272	36.262	25.917	9.004	140.0	17.147	36.295	26.475	9.050
41.0	21.067	36.059	25.283	9.000	91.0	19.182	36.246	25.928	8.999	141.0	17.127	36.293	26.478	9.050
42.0	21.068	36.059	25.283	8.998	92.0	19.099	36.242	25.947	8.996	142.0	17.116	36.292	26.479	9.045
43.0	21.069	36.060	25.283	8.998	93.0	19.026	36.232	25.958	8.988	143.0	17.107	36.290	26.480	9.045
44.0	21.069	36.063	25.286	8.997	94.0	18.981	36.243	25.978	8.987	144.0	17.099	36.288	26.481	9.044
45.0	21.071	36.066	25.287	9.000	95.0	18.992	36.256	25.985	8.993	145.0	17.095	36.287	26.481	9.048
46.0	21.070	36.077	25.296	8.998	96.0	19.079	36.298	25.994	9.003	146.0	17.083	36.285	26.482	9.045
47.0	21.002	36.097	25.330	8.992	97.0	19.149	36.318	25.992	9.011	147.0	17.050	36.280	26.486	9.046
48.0	20.929	36.198	25.427	8.998	98.0	19.100	36.296	25.988	9.005	148.0	17.016	36.275	26.491	9.047
49.0	20.931	36.226	25.448	8.994	99.0	18.904	36.326	26.061	8.999	149.0	16.987	36.272	26.495	9.039
50.0	20.924	36.238	25.459	8.991	100.0	18.887	36.388	26.113	9.000	150.0	16.955	36.269	26.500	9.026
51.0	20.910	36.252	25.473	8.988	101.0	18.863	36.395	26.124	8.994	151.0	16.930	36.265	26.503	9.040
52.0	20.893	36.263	25.486	8.978	102.0	18.783	36.395	26.144	9.003	152.0	16.913	36.263	26.505	9.047

STATION SBE040.AUG:: CRUISE 91g02 DATE & TIME Thu Mar 07 14:49:45 1991, Julian day = 66  
 LAT 27 U0.5 LON 94 59.3 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
153.0	16.926	36.266	26.505	9.050	203.0	15.357	36.033	26.690	0.000	253.0	13.720	35.771	26.843	0.000
154.0	16.946	36.256	26.492	9.050	204.0	15.343	36.030	26.691	0.000	254.0	13.704	35.768	26.844	0.000
155.0	16.844	36.253	26.514	9.045	205.0	15.339	36.029	26.691	0.000	255.0	13.691	35.766	26.845	0.000
156.0	16.828	36.249	26.516	9.043	206.0	15.334	36.028	26.691	0.000	256.0	13.687	35.765	26.845	0.000
157.0	16.799	36.245	26.520	9.032	207.0	15.316	36.025	26.693	0.000	257.0	13.669	35.760	26.845	0.000
158.0	16.780	36.244	26.523	9.036	208.0	15.301	36.022	26.694	0.000	258.0	13.643	35.757	26.848	0.000
159.0	16.764	36.241	26.524	9.035	209.0	15.282	36.019	26.696	0.000	259.0	13.623	35.753	26.849	0.000
160.0	16.729	36.235	26.528	9.032	210.0	15.269	36.017	26.698	0.000	260.0	13.604	35.749	26.850	0.000
161.0	16.733	36.238	26.530	9.047	211.0	15.256	36.015	26.698	0.000	261.0	13.560	35.742	26.854	0.000
162.0	16.771	36.234	26.518	9.046	212.0	15.234	36.011	26.701	0.000	262.0	13.520	35.739	26.860	0.000
163.0	16.655	36.223	26.537	9.039	213.0	15.206	36.006	26.703	0.000	263.0	13.497	35.734	26.861	0.000
164.0	16.644	36.224	26.540	9.037	214.0	15.178	36.002	26.706	0.000	264.0	13.463	35.728	26.863	0.000
165.0	16.626	36.222	26.542	9.031	215.0	15.146	35.996	26.709	0.000	265.0	13.410	35.721	26.869	0.000
166.0	16.618	36.219	26.542	9.034	216.0	15.101	35.989	26.713	0.000	266.0	13.361	35.713	26.873	0.000
167.0	16.599	36.219	26.547	9.042	217.0	15.078	35.986	26.716	0.000	267.0	13.320	35.708	26.877	0.000
168.0	16.574	36.214	26.549	9.047	218.0	15.070	35.985	26.717	0.000	268.0	13.283	35.701	26.879	0.000
169.0	16.554	36.211	26.552	9.048	219.0	15.061	35.982	26.717	0.000	269.0	13.233	35.694	26.884	0.000
170.0	16.540	36.208	26.552	9.049	220.0	15.044	35.978	26.718	0.000	270.0	13.196	35.688	26.887	0.000
171.0	16.515	36.204	26.555	9.045	221.0	15.026	35.976	26.720	0.000	271.0	13.170	35.684	26.889	0.000
172.0	16.497	36.201	26.557	9.042	222.0	15.014	35.973	26.720	0.000	272.0	13.142	35.680	26.891	0.000
173.0	16.454	36.195	26.563	9.040	223.0	14.982	35.968	26.723	0.000	273.0	13.117	35.675	26.893	0.000
174.0	16.395	36.187	26.570	9.046	224.0	14.952	35.964	26.727	0.000	274.0	13.098	35.672	26.895	0.000
175.0	16.338	36.182	26.580	9.051	225.0	14.910	35.957	26.731	0.000	275.0	13.081	35.669	26.896	0.000
176.0	16.324	36.180	26.581	9.052	226.0	14.837	35.946	26.738	0.000	276.0	13.046	35.663	26.898	0.000
177.0	16.310	36.177	26.583	9.053	227.0	14.816	35.943	26.741	0.000	277.0	13.021	35.660	26.901	0.000
178.0	16.289	36.172	26.584	9.050	228.0	14.767	35.935	26.745	0.000	278.0	12.969	35.651	26.905	0.000
179.0	16.243	36.165	26.589	9.055	229.0	14.721	35.927	26.749	0.000	279.0	12.944	35.647	26.906	0.000
180.0	16.191	36.159	26.596	9.055	230.0	14.674	35.921	26.755	0.000	280.0	12.896	35.640	26.911	0.000
181.0	16.154	36.153	26.600	9.054	231.0	14.645	35.916	26.757	0.000	281.0	12.871	35.638	26.914	0.000
182.0	16.124	36.148	26.604	9.055	232.0	14.613	35.912	26.761	0.000	282.0	12.865	35.636	26.914	0.000
183.0	16.106	36.147	26.606	9.053	233.0	14.604	35.910	26.762	0.000	283.0	12.817	35.629	26.918	0.000
184.0	16.087	36.142	26.607	9.050	234.0	14.596	35.908	26.762	0.000	284.0	12.812	35.627	26.917	0.000
185.0	16.033	36.133	26.613	9.049	235.0	14.566	35.903	26.765	0.000	285.0	12.702	35.606	26.923	0.000
186.0	16.000	36.130	26.618	9.052	236.0	14.507	35.891	26.768	0.000	286.0	12.621	35.599	26.934	0.000
187.0	15.982	36.127	26.620	9.056	237.0	14.438	35.883	26.777	0.000	287.0	12.579	35.594	26.939	0.000
188.0	15.932	36.116	26.623	9.054	238.0	14.417	35.881	26.780	0.000	288.0	12.552	35.590	26.940	0.000
189.0	15.819	36.102	26.638	9.050	239.0	14.400	35.878	26.781	0.000	289.0	12.531	35.588	26.943	0.000
190.0	15.763	36.094	26.645	9.049	240.0	14.383	35.874	26.782	0.000	290.0	12.528	35.587	26.942	0.000
191.0	15.719	36.090	26.652	9.044	241.0	14.338	35.866	26.785	0.000	291.0	12.508	35.584	26.944	0.000
192.0	15.705	36.086	26.652	9.043	242.0	14.294	35.861	26.791	0.000	292.0	12.486	35.583	26.948	0.000
193.0	15.681	36.082	26.654	9.046	243.0	14.407	35.877	26.779	0.000	293.0	12.472	35.576	26.945	0.000
194.0	15.620	36.070	26.659	9.046	244.0	14.233	35.843	26.790	0.000	294.0	12.458	35.573	26.946	0.000
195.0	15.526	36.060	26.673	9.050	245.0	14.133	35.835	26.805	0.000	295.0	12.441	35.570	26.947	0.000
196.0	15.505	36.057	26.675	9.047	246.0	14.098	35.829	26.808	0.000	296.0	12.435	35.570	26.948	0.000
197.0	15.469	36.050	26.678	9.046	247.0	14.051	35.823	26.814	0.000	297.0	12.432	35.569	26.948	0.000
198.0	15.436	36.046	26.682	9.044	248.0	14.033	35.820	26.814	0.000	298.0	12.430	35.568	26.948	0.000
199.0	15.418	36.043	26.684	9.040	249.0	13.961	35.808	26.821	0.000	299.0	12.427	35.567	26.947	0.000
200.0	15.401	36.040	26.686	9.037	250.0	13.872	35.795	26.830	0.000	300.0	12.416	35.567	26.950	0.000
201.0	15.383	36.038	26.688	0.000	251.0	13.787	35.782	26.838	0.000	301.0	12.412	35.572	26.946	0.000
202.0	15.369	36.036	26.690	0.000	252.0	13.743	35.777	26.843	0.000	302.0	12.444	35.564	26.941	0.000

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 LAT 27 00.5 LON 94 59.3 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
303.0	12.399	35.562	26.949	0.000	353.0	11.035	35.359	27.050	0.000	408.0	9.584	35.160	27.148	0.000
304.0	12.378	35.559	26.951	0.000	354.0	11.015	35.357	27.051	0.000	409.0	9.564	35.158	27.150	0.000
305.0	12.336	35.552	26.953	0.000	355.0	10.990	35.353	27.052	0.000	410.0	9.543	35.155	27.151	0.000
306.0	12.315	35.549	26.956	0.000	356.0	10.972	35.350	27.053	0.000	411.0	9.525	35.153	27.152	0.000
307.0	12.294	35.545	26.956	0.000	357.0	10.917	35.342	27.058	0.000	412.0	9.515	35.152	27.153	0.000
308.0	12.215	35.535	26.964	0.000	358.0	10.897	35.338	27.058	0.000	413.0	9.511	35.150	27.153	0.000
309.0	12.175	35.541	26.976	0.000	359.0	10.886	35.337	27.059	0.000	414.0	9.506	35.149	27.153	0.000
310.0	12.280	35.530	26.948	0.000	360.0	10.873	35.334	27.059	0.000	415.0	9.483	35.146	27.154	0.000
311.0	12.025	35.505	26.977	0.000	361.0	10.837	35.329	27.062	0.000	416.0	9.451	35.142	27.156	0.000
312.0	11.928	35.495	26.988	0.000	362.0	10.809	35.327	27.066	0.000	417.0	9.423	35.141	27.160	0.000
313.0	11.896	35.491	26.991	0.000	363.0	10.825	35.325	27.061	0.000	418.0	9.403	35.137	27.160	0.000
314.0	11.888	35.489	26.991	0.000	364.0	10.714	35.311	27.070	0.000	419.0	9.383	35.134	27.161	0.000
315.0	11.880	35.487	26.991	0.000	365.0	10.681	35.307	27.073	0.000	420.0	9.365	35.132	27.163	0.000
316.0	11.869	35.484	26.991	0.000	366.0	10.633	35.300	27.076	0.000	421.0	9.353	35.131	27.163	0.000
317.0	11.866	35.482	26.990	0.000	367.0	10.611	35.300	27.080	0.000	422.0	9.347	35.130	27.164	0.000
318.0	11.833	35.479	26.994	0.000	368.0	10.609	35.299	27.079	0.000	423.0	9.340	35.129	27.164	0.000
319.0	11.807	35.474	26.994	0.000	369.0	10.602	35.297	27.079	0.000	424.0	9.332	35.128	27.165	0.000
320.0	11.777	35.468	26.996	0.000	370.0	10.590	35.295	27.079	0.000	425.0	9.327	35.126	27.164	0.000
321.0	11.748	35.464	26.999	0.000	371.0	10.610	35.297	27.077	0.000	426.0	9.293	35.122	27.166	0.000
322.0	11.703	35.456	27.001	0.000	372.0	10.528	35.284	27.082	0.000	427.0	9.260	35.119	27.170	0.000
323.0	11.655	35.452	27.007	0.000	373.0	10.500	35.281	27.085	0.000	428.0	9.250	35.118	27.171	0.000
324.0	11.630	35.445	27.006	0.000	374.0	10.476	35.278	27.087	0.000	429.0	9.242	35.117	27.171	0.000
325.0	11.559	35.436	27.012	0.000	380.0	10.322	35.224	27.072	0.000	430.0	9.239	35.116	27.171	0.000
326.0	11.524	35.433	27.017	0.000	381.0	10.239	35.250	27.107	0.000	431.0	9.231	35.115	27.171	0.000
327.0	11.512	35.430	27.017	0.000	382.0	10.198	35.241	27.106	0.000	432.0	9.209	35.112	27.172	0.000
328.0	11.494	35.427	27.017	0.000	383.0	10.154	35.233	27.108	0.000	433.0	9.186	35.109	27.174	0.000
329.0	11.466	35.424	27.021	0.000	384.0	10.098	35.227	27.113	0.000	434.0	9.171	35.107	27.175	0.000
330.0	11.464	35.425	27.022	0.000	385.0	10.095	35.228	27.114	0.000	435.0	9.163	35.106	27.176	0.000
331.0	11.445	35.419	27.020	0.000	386.0	10.090	35.227	27.115	0.000	436.0	9.149	35.104	27.176	0.000
332.0	11.434	35.417	27.021	0.000	387.0	10.090	35.227	27.114	0.000	437.0	9.143	35.103	27.177	0.000
333.0	11.420	35.415	27.022	0.000	388.0	10.087	35.226	27.114	0.000	438.0	9.115	35.100	27.178	0.000
334.0	11.402	35.413	27.024	0.000	389.0	10.087	35.226	27.114	0.000	439.0	9.108	35.100	27.179	0.000
335.0	11.383	35.410	27.025	0.000	390.0	10.102	35.225	27.111	0.000	440.0	9.104	35.099	27.179	0.000
336.0	11.372	35.407	27.025	0.000	391.0	10.081	35.224	27.114	0.000	441.0	9.081	35.095	27.180	0.000
337.0	11.357	35.405	27.026	0.000	392.0	10.077	35.224	27.114	0.000	442.0	9.066	35.094	27.182	0.000
338.0	11.336	35.403	27.028	0.000	393.0	10.060	35.221	27.115	0.000	443.0	9.063	35.093	27.181	0.000
339.0	11.318	35.402	27.031	0.000	394.0	10.034	35.216	27.115	0.000	444.0	9.045	35.091	27.182	0.000
340.0	11.292	35.396	27.031	0.000	395.0	9.989	35.211	27.119	0.000	445.0	9.033	35.090	27.184	0.000
341.0	11.275	35.395	27.033	0.000	396.0	9.953	35.207	27.122	0.000	446.0	9.006	35.086	27.185	0.000
342.0	11.253	35.391	27.034	0.000	397.0	9.918	35.203	27.125	0.000	447.0	8.965	35.083	27.189	0.000
343.0	11.233	35.388	27.036	0.000	398.0	9.883	35.198	27.127	0.000	448.0	8.938	35.080	27.191	0.000
344.0	11.221	35.387	27.037	0.000	399.0	9.848	35.195	27.131	0.000	449.0	8.915	35.076	27.192	0.000
345.0	11.216	35.385	27.037	0.000	400.0	9.828	35.190	27.130	0.000	450.0	8.902	35.076	27.194	0.000
346.0	11.210	35.384	27.037	0.000	401.0	9.792	35.184	27.132	0.000	451.0	8.889	35.074	27.194	0.000
347.0	11.204	35.384	27.038	0.000	402.0	9.743	35.179	27.136	0.000	452.0	8.879	35.073	27.195	0.000
348.0	11.194	35.382	27.038	0.000	403.0	9.696	35.174	27.140	0.000	453.0	8.864	35.072	27.196	0.000
349.0	11.186	35.378	27.037	0.000	404.0	9.677	35.173	27.143	0.000	454.0	8.854	35.070	27.197	0.000
350.0	11.113	35.370	27.044	0.000	405.0	9.671	35.172	27.143	0.000	455.0	8.850	35.068	27.196	0.000
351.0	11.087	35.366	27.045	0.000	406.0	9.659	35.168	27.141	0.000	456.0	8.841	35.067	27.197	0.000
352.0	11.066	35.364	27.048	0.000	407.0	9.611	35.162	27.146	0.000	457.0	8.827	35.065	27.197	0.000



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DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
458.0	8.807	35.064	27.200	0.000	508.0	8.069	34.989	27.255	0.000	558.0	7.325	34.926	27.315	0.000
459.0	8.783	35.061	27.201	0.000	509.0	8.043	34.987	27.258	0.000	559.0	7.316	34.926	27.316	0.000
460.0	8.753	35.058	27.204	0.000	510.0	8.031	34.982	27.256	0.000	560.0	7.307	34.925	27.317	0.000
461.0	8.737	35.056	27.205	0.000	511.0	8.017	34.983	27.258	0.000	561.0	7.296	34.924	27.318	0.000
462.0	8.715	35.053	27.206	0.000	512.0	8.011	34.982	27.259	0.000	562.0	7.284	34.923	27.319	0.000
463.0	8.699	35.052	27.207	0.000	513.0	7.993	34.981	27.260	0.000	563.0	7.277	34.924	27.321	0.000
464.0	8.688	35.050	27.208	0.000	514.0	7.979	34.979	27.261	0.000	564.0	7.272	34.923	27.320	0.000
465.0	8.681	35.050	27.208	0.000	515.0	7.966	34.978	27.262	0.000	565.0	7.276	34.922	27.319	0.000
466.0	8.675	35.049	27.209	0.000	516.0	7.949	34.976	27.263	0.000	566.0	7.260	34.920	27.320	0.000
467.0	8.661	35.046	27.209	0.000	517.0	7.914	34.973	27.266	0.000	567.0	7.224	34.919	27.323	0.000
468.0	8.645	35.046	27.211	0.000	518.0	7.884	34.971	27.269	0.000	568.0	7.217	34.919	27.325	0.000
469.0	8.634	35.045	27.212	0.000	519.0	7.873	34.970	27.270	0.000	569.0	7.213	34.919	27.325	0.000
470.0	8.624	35.044	27.213	0.000	520.0	7.869	34.970	27.270	0.000	570.0	7.209	34.918	27.325	0.000
471.0	8.622	35.045	27.214	0.000	521.0	7.850	34.966	27.270	0.000	571.0	7.195	34.918	27.327	0.000
472.0	8.622	35.045	27.214	0.000	522.0	7.810	34.966	27.276	0.000	572.0	7.190	34.917	27.327	0.000
473.0	8.620	35.044	27.214	0.000	523.0	7.805	34.965	27.276	0.000	573.0	7.190	34.917	27.327	0.000
474.0	8.619	35.044	27.213	0.000	524.0	7.804	34.965	27.276	0.000	574.0	7.183	34.916	27.327	0.000
475.0	8.608	35.044	27.215	0.000	525.0	7.803	34.965	27.276	0.000	575.0	7.172	34.915	27.328	0.000
476.0	8.580	35.040	27.217	0.000	526.0	7.803	34.964	27.275	0.000	576.0	7.156	34.914	27.329	0.000
477.0	8.568	35.040	27.219	0.000	527.0	7.798	34.963	27.275	0.000	577.0	7.144	34.914	27.332	0.000
478.0	8.565	35.038	27.218	0.000	528.0	7.778	34.961	27.277	0.000	578.0	7.143	34.914	27.331	0.000
479.0	8.561	35.038	27.219	0.000	529.0	7.760	34.961	27.280	0.000	579.0	7.137	34.913	27.332	0.000
480.0	8.555	35.038	27.219	0.000	530.0	7.751	34.962	27.281	0.000	580.0	7.134	34.914	27.333	0.000
481.0	8.538	35.036	27.220	0.000	531.0	7.737	34.960	27.282	0.000	581.0	7.125	34.913	27.333	0.000
482.0	8.522	35.034	27.221	0.000	532.0	7.714	34.958	27.283	0.000	582.0	7.106	34.912	27.335	0.000
483.0	8.488	35.030	27.223	0.000	533.0	7.690	34.955	27.285	0.000	583.0	7.097	34.912	27.336	0.000
484.0	8.446	35.029	27.229	0.000	534.0	7.654	34.953	27.289	0.000	584.0	7.092	34.912	27.337	0.000
485.0	8.423	35.024	27.228	0.000	535.0	7.635	34.951	27.290	0.000	585.0	7.090	34.911	27.336	0.000
486.0	8.408	35.022	27.229	0.000	536.0	7.616	34.950	27.292	0.000	586.0	7.086	34.911	27.337	0.000
487.0	8.371	35.018	27.232	0.000	537.0	7.613	34.950	27.292	0.000	587.0	7.086	34.910	27.336	0.000
488.0	8.342	35.017	27.236	0.000	538.0	7.611	34.948	27.291	0.000	588.0	7.080	34.910	27.338	0.000
489.0	8.329	35.016	27.236	0.000	539.0	7.609	34.948	27.291	0.000	589.0	7.081	34.910	27.337	0.000
490.0	8.324	35.014	27.236	0.000	540.0	7.603	34.947	27.292	0.000	590.0	7.076	34.910	27.338	0.000
491.0	8.308	35.013	27.238	0.000	541.0	7.594	34.947	27.292	0.000	591.0	7.067	34.911	27.340	0.000
492.0	8.296	35.012	27.239	0.000	542.0	7.567	34.944	27.294	0.000	592.0	7.062	34.910	27.340	0.000
493.0	8.291	35.011	27.239	0.000	543.0	7.539	34.943	27.297	0.000	593.0	7.059	34.909	27.340	0.000
494.0	8.287	35.011	27.239	0.000	544.0	7.516	34.942	27.300	0.000	594.0	7.050	34.908	27.340	0.000
495.0	8.278	35.009	27.239	0.000	545.0	7.494	34.939	27.301	0.000	595.0	7.035	34.908	27.341	0.000
496.0	8.249	35.007	27.242	0.000	546.0	7.480	34.939	27.302	0.000	596.0	7.024	34.907	27.343	0.000
497.0	8.218	35.004	27.244	0.000	547.0	7.476	34.938	27.303	0.000	597.0	7.015	34.907	27.344	0.000
498.0	8.205	35.003	27.245	0.000	548.0	7.468	34.937	27.303	0.000	598.0	7.008	34.907	27.344	0.000
499.0	8.192	35.001	27.246	0.000	549.0	7.453	34.935	27.304	0.000	599.0	7.000	34.908	27.346	0.000
500.0	8.183	35.001	27.247	0.000	550.0	7.423	34.932	27.306	0.000	600.0	6.994	34.907	27.346	0.000
501.0	8.171	34.999	27.247	0.000	551.0	7.404	34.932	27.309	0.000	601.0	6.984	34.905	27.347	0.000
502.0	8.162	34.997	27.248	0.000	552.0	7.387	34.932	27.311	0.000	602.0	6.970	34.905	27.348	0.000
503.0	8.147	34.996	27.249	0.000	553.0	7.387	34.932	27.311	0.000	603.0	6.956	34.904	27.350	0.000
504.0	8.140	34.995	27.250	0.000	554.0	7.380	34.932	27.312	0.000	604.0	6.943	34.904	27.351	0.000
505.0	8.137	34.994	27.249	0.000	555.0	7.366	34.930	27.312	0.000	605.0	6.918	34.902	27.354	0.000
506.0	8.115	34.993	27.251	0.000	556.0	7.356	34.930	27.313	0.000	606.0	6.887	34.902	27.358	0.000
507.0	8.092	34.991	27.253	0.000	557.0	7.350	34.928	27.313	0.000	607.0	6.863	34.902	27.361	0.000

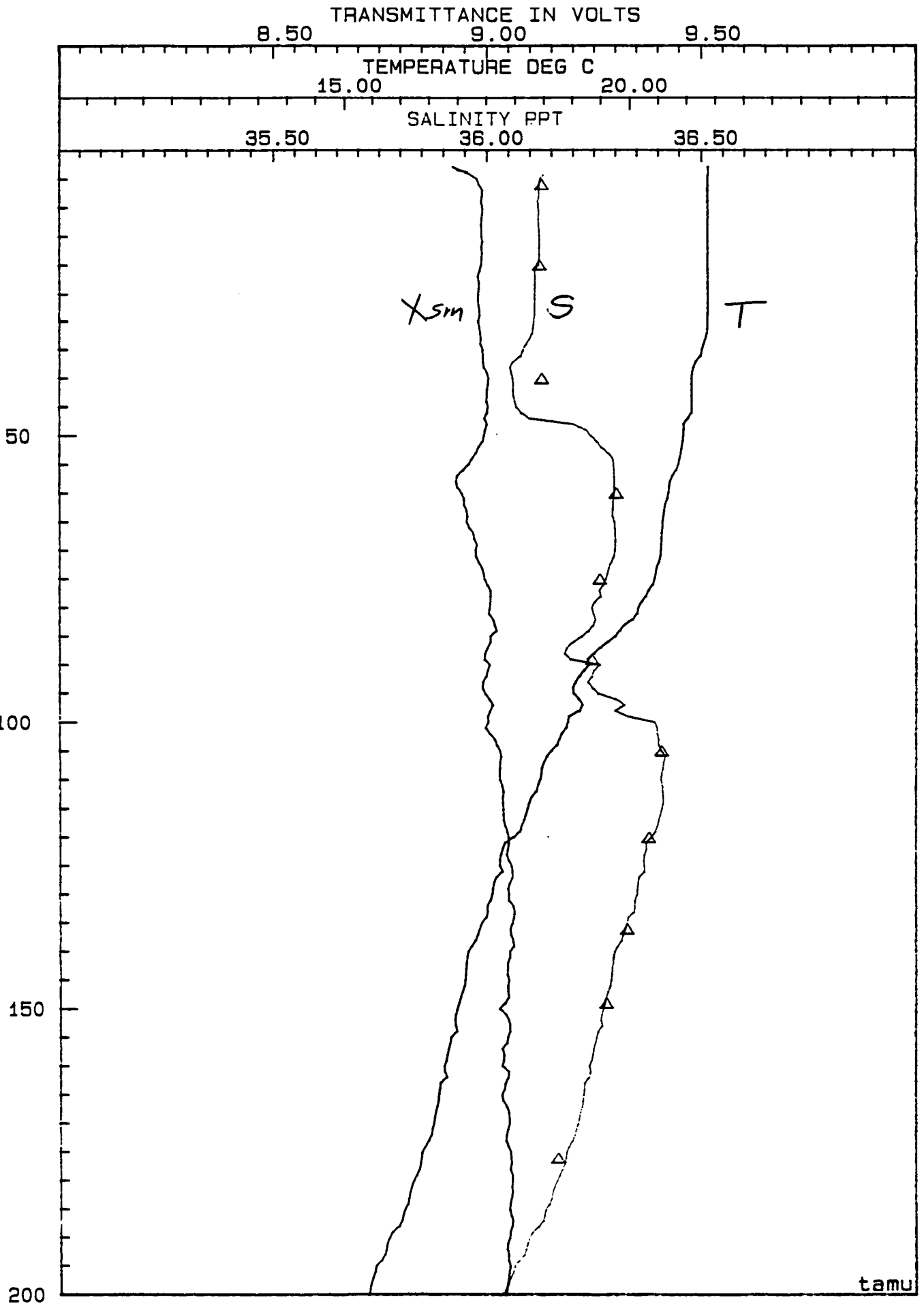
STATION SBE040.AVG: CRUISE 91g02 DATE & TIME Thu Mar 07 14:49:45 1991, Julian day = 66  
 LAT 27 00.5 LON 94 59.3 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
608.0	6.861	34.903	27.362	0.000	658.0	6.489	34.890	27.402	0.000	708.0	6.138	34.886	27.445	0.000
609.0	6.863	34.902	27.361	0.000	659.0	6.475	34.890	27.404	0.000	709.0	6.129	34.886	27.446	0.000
610.0	6.864	34.903	27.362	0.000	660.0	6.452	34.889	27.406	0.000	710.0	6.124	34.886	27.447	0.000
611.0	6.860	34.904	27.363	0.000	661.0	6.448	34.889	27.407	0.000	711.0	6.120	34.887	27.448	0.000
612.0	6.853	34.905	27.364	0.000	662.0	6.438	34.889	27.408	0.000	712.0	6.118	34.886	27.448	0.000
613.0	6.840	34.904	27.366	0.000	663.0	6.426	34.890	27.410	0.000	713.0	6.115	34.886	27.449	0.000
614.0	6.828	34.904	27.367	0.000	664.0	6.416	34.890	27.411	0.000	714.0	6.113	34.886	27.448	0.000
615.0	6.824	34.904	27.367	0.000	665.0	6.403	34.890	27.414	0.000	715.0	6.110	34.886	27.449	0.000
616.0	6.819	34.903	27.368	0.000	666.0	6.393	34.889	27.414	0.000	716.0	6.103	34.886	27.449	0.000
617.0	6.814	34.902	27.368	0.000	667.0	6.384	34.888	27.415	0.000	717.0	6.093	34.886	27.451	0.000
618.0	6.801	34.902	27.370	0.000	668.0	6.372	34.888	27.416	0.000	718.0	6.089	34.886	27.451	0.000
619.0	6.786	34.901	27.371	0.000	669.0	6.357	34.888	27.418	0.000	719.0	6.087	34.886	27.452	0.000
620.0	6.776	34.900	27.372	0.000	670.0	6.352	34.889	27.420	0.000	720.0	6.083	34.885	27.451	0.000
621.0	6.769	34.899	27.371	0.000	671.0	6.350	34.888	27.419	0.000	721.0	6.073	34.887	27.454	0.000
622.0	6.762	34.900	27.373	0.000	672.0	6.342	34.888	27.420	0.000	722.0	6.065	34.886	27.455	0.000
623.0	6.751	34.900	27.375	0.000	673.0	6.330	34.888	27.422	0.000	723.0	6.059	34.886	27.456	0.000
624.0	6.740	34.898	27.375	0.000	674.0	6.323	34.888	27.423	0.000	724.0	6.056	34.886	27.456	0.000
625.0	6.724	34.897	27.376	0.000	675.0	6.321	34.888	27.423	0.000	725.0	6.050	34.886	27.457	0.000
626.0	6.715	34.895	27.376	0.000	676.0	6.318	34.888	27.423	0.000	726.0	6.043	34.887	27.458	0.000
627.0	6.708	34.896	27.377	0.000	677.0	6.312	34.888	27.424	0.000	727.0	6.037	34.886	27.458	0.000
628.0	6.704	34.895	27.377	0.000	678.0	6.309	34.888	27.424	0.000	728.0	6.032	34.886	27.459	0.000
629.0	6.699	34.896	27.378	0.000	679.0	6.304	34.888	27.425	0.000	729.0	6.024	34.886	27.460	0.000
630.0	6.693	34.896	27.379	0.000	680.0	6.299	34.888	27.426	0.000	730.0	6.018	34.887	27.461	0.000
631.0	6.688	34.896	27.380	0.000	681.0	6.291	34.888	27.427	0.000	731.0	6.011	34.887	27.462	0.000
632.0	6.680	34.896	27.381	0.000	682.0	6.285	34.888	27.427	0.000	732.0	6.002	34.887	27.464	0.000
633.0	6.673	34.895	27.382	0.000	683.0	6.281	34.887	27.427	0.000	733.0	5.997	34.888	27.465	0.000
634.0	6.663	34.894	27.382	0.000	684.0	6.278	34.887	27.428	0.000	734.0	6.004	34.888	27.464	0.000
635.0	6.655	34.894	27.383	0.000	685.0	6.277	34.888	27.429	0.000	735.0	5.988	34.887	27.465	0.000
636.0	6.647	34.894	27.384	0.000	686.0	6.276	34.887	27.428	0.000	736.0	5.971	34.887	27.468	0.000
637.0	6.638	34.894	27.385	0.000	687.0	6.273	34.888	27.429	0.000	737.0	5.960	34.888	27.469	0.000
638.0	6.635	34.894	27.386	0.000	688.0	6.269	34.886	27.428	0.000	738.0	5.947	34.888	27.471	0.000
639.0	6.630	34.894	27.387	0.000	689.0	6.244	34.885	27.431	0.000	739.0	5.938	34.889	27.473	0.000
640.0	6.627	34.894	27.387	0.000	690.0	6.230	34.886	27.433	0.000	740.0	5.935	34.887	27.472	0.000
641.0	6.618	34.894	27.388	0.000	691.0	6.225	34.887	27.435	0.000	741.0	5.922	34.888	27.474	0.000
642.0	6.613	34.894	27.388	0.000	692.0	6.222	34.887	27.435	0.000	742.0	5.905	34.888	27.477	0.000
643.0	6.610	34.893	27.389	0.000	693.0	6.221	34.887	27.435	0.000	743.0	5.897	34.888	27.477	0.000
644.0	6.607	34.894	27.389	0.000	694.0	6.219	34.886	27.435	0.000	744.0	5.886	34.889	27.480	0.000
645.0	6.604	34.893	27.389	0.000	695.0	6.203	34.886	27.437	0.000	745.0	5.881	34.889	27.480	0.000
646.0	6.584	34.892	27.391	0.000	696.0	6.192	34.887	27.438	0.000	746.0	5.879	34.889	27.481	0.000
647.0	6.567	34.893	27.394	0.000	697.0	6.190	34.886	27.439	0.000	747.0	5.877	34.889	27.481	0.000
648.0	6.553	34.893	27.396	0.000	698.0	6.186	34.887	27.440	0.000	748.0	5.877	34.889	27.481	0.000
649.0	6.545	34.892	27.396	0.000	699.0	6.183	34.886	27.440	0.000	749.0	5.874	34.889	27.481	0.000
650.0	6.536	34.892	27.397	0.000	700.0	6.175	34.886	27.440	0.000	750.0	5.872	34.888	27.481	0.000
651.0	6.526	34.892	27.399	0.000	701.0	6.165	34.887	27.442	0.000	751.0	5.867	34.889	27.482	0.000
652.0	6.522	34.892	27.399	0.000	702.0	6.161	34.887	27.443	0.000	752.0	5.865	34.889	27.482	0.000
653.0	6.511	34.891	27.400	0.000	703.0	6.158	34.886	27.442	0.000	753.0	5.865	34.889	27.482	0.000
654.0	6.506	34.891	27.401	0.000	704.0	6.148	34.887	27.445	0.000	754.0	5.863	34.889	27.483	0.000
655.0	6.499	34.891	27.401	0.000	705.0	6.142	34.887	27.445	0.000	755.0	5.852	34.890	27.485	0.000
656.0	6.497	34.891	27.401	0.000	706.0	6.139	34.887	27.446	0.000	756.0	5.844	34.889	27.485	0.000
657.0	6.494	34.891	27.402	0.000	707.0	6.140	34.887	27.446	0.000	757.0	5.841	34.890	27.486	0.000

STATION SBE040.AUG:: CRUISE 91g02 DATE & TIME Thu Mar 07 14:49:45 1991, Julian day = 66  
 LAT 27 00.5 LON 14 59.3 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
758.0	5.840	34.889	27.486	0.000	808.0	5.582	34.893	27.521	0.000	858.0	5.354	34.903	27.556	0.000
759.0	5.836	34.889	27.486	0.000	809.0	5.579	34.896	27.523	0.000	859.0	5.352	34.902	27.556	0.000
760.0	5.830	34.889	27.487	0.000	810.0	5.578	34.895	27.523	0.000	860.0	5.346	34.903	27.558	0.000
761.0	5.827	34.888	27.487	0.000	811.0	5.576	34.895	27.524	0.000	861.0	5.342	34.903	27.558	0.000
762.0	5.819	34.889	27.488	0.000	812.0	5.574	34.895	27.524	0.000	862.0	5.341	34.903	27.558	0.000
763.0	5.811	34.890	27.490	0.000	813.0	5.571	34.895	27.524	0.000	863.0	5.344	34.902	27.557	0.000
764.0	5.810	34.890	27.490	0.000	814.0	5.568	34.895	27.525	0.000	864.0	5.335	34.902	27.558	0.000
765.0	5.805	34.890	27.491	0.000	815.0	5.562	34.896	27.526	0.000	865.0	5.330	34.903	27.560	0.000
766.0	5.799	34.890	27.492	0.000	816.0	5.559	34.896	27.526	0.000	866.0	5.322	34.903	27.561	0.000
767.0	5.794	34.890	27.492	0.000	817.0	5.557	34.896	27.527	0.000	867.0	5.319	34.903	27.561	0.000
768.0	5.787	34.890	27.493	0.000	818.0	5.554	34.896	27.527	0.000	868.0	5.314	34.904	27.562	0.000
769.0	5.779	34.890	27.494	0.000	819.0	5.549	34.896	27.527	0.000	869.0	5.309	34.904	27.563	0.000
770.0	5.774	34.890	27.495	0.000	820.0	5.536	34.896	27.529	0.000	870.0	5.304	34.904	27.563	0.000
771.0	5.771	34.890	27.495	0.000	821.0	5.528	34.897	27.531	0.000	871.0	5.301	34.904	27.563	0.000
772.0	5.767	34.890	27.495	0.000	822.0	5.522	34.897	27.531	0.000	872.0	5.292	34.905	27.565	0.000
773.0	5.759	34.891	27.497	0.000	823.0	5.519	34.897	27.532	0.000	873.0	5.287	34.904	27.565	0.000
774.0	5.757	34.891	27.498	0.000	824.0	5.515	34.897	27.532	0.000	874.0	5.286	34.904	27.565	0.000
775.0	5.750	34.890	27.498	0.000	825.0	5.509	34.898	27.534	0.000	875.0	5.280	34.905	27.567	0.000
776.0	5.743	34.891	27.499	0.000	826.0	5.507	34.897	27.533	0.000	876.0	5.278	34.905	27.567	0.000
777.0	5.736	34.891	27.500	0.000	827.0	5.503	34.897	27.534	0.000	877.0	5.275	34.905	27.568	0.000
778.0	5.734	34.891	27.501	0.000	828.0	5.493	34.898	27.535	0.000	878.0	5.268	34.906	27.569	0.000
779.0	5.733	34.891	27.501	0.000	829.0	5.486	34.898	27.536	0.000	879.0	5.263	34.905	27.569	0.000
780.0	5.727	34.892	27.502	0.000	830.0	5.482	34.898	27.537	0.000	880.0	5.260	34.905	27.570	0.000
781.0	5.720	34.892	27.503	0.000	831.0	5.479	34.898	27.537	0.000	881.0	5.255	34.906	27.570	0.000
782.0	5.714	34.892	27.504	0.000	832.0	5.475	34.899	27.539	0.000	882.0	5.250	34.906	27.571	0.000
783.0	5.708	34.892	27.505	0.000	833.0	5.472	34.899	27.539	0.000	883.0	5.245	34.906	27.572	0.000
784.0	5.704	34.892	27.504	0.000	834.0	5.466	34.900	27.540	0.000	884.0	5.238	34.907	27.573	0.000
785.0	5.700	34.892	27.505	0.000	835.0	5.461	34.899	27.540	0.000	885.0	5.233	34.907	27.574	0.000
786.0	5.698	34.892	27.506	0.000	836.0	5.460	34.899	27.540	0.000	886.0	5.229	34.907	27.575	0.000
787.0	5.694	34.892	27.506	0.000	837.0	5.442	34.898	27.542	0.000	887.0	5.224	34.907	27.575	0.000
788.0	5.692	34.892	27.507	0.000	838.0	5.433	34.899	27.544	0.000	888.0	5.220	34.907	27.576	0.000
789.0	5.684	34.893	27.508	0.000	839.0	5.429	34.900	27.545	0.000	889.0	5.218	34.908	27.577	0.000
790.0	5.676	34.893	27.509	0.000	840.0	5.427	34.900	27.545	0.000	890.0	5.212	34.908	27.577	0.000
791.0	5.671	34.893	27.510	0.000	841.0	5.424	34.900	27.546	0.000	891.0	5.208	34.908	27.578	0.000
792.0	5.668	34.893	27.510	0.000	842.0	5.418	34.900	27.546	0.000	892.0	5.207	34.908	27.578	0.000
793.0	5.663	34.893	27.511	0.000	843.0	5.413	34.900	27.547	0.000	893.0	5.206	34.908	27.578	0.000
794.0	5.643	34.893	27.514	0.000	844.0	5.409	34.900	27.548	0.000	894.0	5.205	34.907	27.578	0.000
795.0	5.628	34.894	27.516	0.000	845.0	5.405	34.900	27.548	0.000	895.0	5.202	34.907	27.578	0.000
796.0	5.623	34.894	27.517	0.000	846.0	5.404	34.900	27.548	0.000	896.0	5.191	34.908	27.580	0.000
797.0	5.620	34.894	27.517	0.000	847.0	5.399	34.900	27.549	0.000	897.0	5.188	34.908	27.581	0.000
798.0	5.617	34.895	27.518	0.000	848.0	5.396	34.900	27.549	0.000	898.0	5.187	34.909	27.581	0.000
799.0	5.618	34.893	27.517	0.000	849.0	5.394	34.901	27.551	0.000	899.0	5.185	34.908	27.581	0.000
800.0	5.613	34.896	27.519	0.000	850.0	5.391	34.901	27.551	0.000	900.0	5.179	34.909	27.582	0.000
801.0	5.610	34.894	27.519	0.000	851.0	5.389	34.901	27.551	0.000	901.0	5.174	34.909	27.583	0.000
802.0	5.604	34.894	27.519	0.000	852.0	5.384	34.901	27.551	0.000	902.0	5.172	34.909	27.583	0.000
803.0	5.600	34.895	27.520	0.000	853.0	5.380	34.902	27.552	0.000	903.0	5.170	34.909	27.583	0.000
804.0	5.597	34.895	27.520	0.000	854.0	5.378	34.901	27.552	0.000	904.0	5.167	34.909	27.584	0.000
805.0	5.591	34.895	27.521	0.000	855.0	5.362	34.902	27.555	0.000	905.0	5.161	34.910	27.585	0.000
806.0	5.589	34.895	27.522	0.000	856.0	5.359	34.903	27.556	0.000	906.0	5.156	34.910	27.586	0.000
807.0	5.586	34.895	27.522	0.000	857.0	5.357	34.902	27.556	0.000	907.0	5.153	34.910	27.586	0.000





CRUISE: 91g02 STATION: SBE040.A DATE: Mar 07 14: 49: 45 1991  
 LATITUDE: 27 00.5 LONGITUDE: 94 59.3  
 TRIANGLES DENOTE DISCRETE SAMPLES

STATION SBE041.AUG:: CRUISE 91G02 DATE & TIME Thu Mar 07 17:39:02 1991, Julian day = 66  
 LAT 27 00.08 N LON 154 59.42 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
3.0	21.693	36.126	25.161	8.992	53.0	20.960	36.160	25.390	8.999	103.0	18.873	36.354	26.090	9.015
4.0	21.676	36.126	25.166	8.992	54.0	20.942	36.186	25.414	8.993	104.0	18.961	36.366	26.077	9.025
5.0	21.650	36.126	25.173	8.990	55.0	20.922	36.262	25.478	8.958	105.0	18.916	36.402	26.116	9.031
6.0	21.627	36.127	25.180	8.985	56.0	20.889	36.292	25.509	8.921	106.0	18.903	36.418	26.132	9.035
7.0	21.588	36.127	25.191	8.980	57.0	20.825	36.303	25.535	8.905	107.0	18.772	36.411	26.160	9.021
8.0	21.531	36.129	25.208	8.970	58.0	20.804	36.294	25.535	8.913	108.0	18.643	36.410	26.192	9.035
9.0	21.515	36.130	25.214	8.975	59.0	20.790	36.294	25.538	8.933	109.0	18.624	36.413	26.199	9.041
10.0	21.512	36.130	25.215	8.977	60.0	20.771	36.293	25.542	8.941	110.0	18.602	36.411	26.203	9.043
11.0	21.543	36.127	25.204	8.981	61.0	20.712	36.288	25.554	8.946	111.0	18.462	36.408	26.236	9.045
12.0	21.501	36.128	25.216	8.978	62.0	20.665	36.287	25.567	8.943	112.0	18.427	36.413	26.249	9.045
13.0	21.478	36.129	25.224	8.969	63.0	20.618	36.288	25.581	8.951	113.0	18.355	36.407	26.262	9.044
14.0	21.470	36.130	25.226	8.966	64.0	20.588	36.291	25.591	8.951	114.0	18.272	36.403	26.281	9.050
15.0	21.476	36.130	25.225	8.966	65.0	20.580	36.292	25.594	8.954	115.0	18.253	36.399	26.282	9.045
16.0	21.479	36.130	25.224	8.965	66.0	20.570	36.292	25.596	8.960	116.0	18.228	36.397	26.287	9.043
17.0	21.474	36.129	25.225	8.971	67.0	20.557	36.291	25.599	8.963	117.0	18.193	36.399	26.298	9.040
18.0	21.471	36.136	25.231	8.977	68.0	20.555	36.290	25.599	8.967	118.0	18.160	36.398	26.304	9.043
19.0	21.497	36.128	25.218	8.976	69.0	20.537	36.290	25.603	8.968	119.0	18.110	36.395	26.314	9.046
20.0	21.481	36.128	25.221	8.975	70.0	20.520	36.289	25.607	8.972	120.0	18.051	36.390	26.325	9.051
21.0	21.470	36.129	25.226	8.971	71.0	20.477	36.280	25.612	8.977	121.0	17.998	36.387	26.336	9.056
22.0	21.466	36.129	25.227	8.966	72.0	20.432	36.276	25.621	8.982	122.0	17.925	36.379	26.348	9.056
23.0	21.465	36.128	25.226	8.965	73.0	20.411	36.280	25.630	8.986	123.0	17.833	36.371	26.365	9.054
24.0	21.443	36.128	25.233	8.972	74.0	20.381	36.281	25.638	8.996	124.0	17.794	36.367	26.372	9.051
25.0	21.446	36.128	25.231	8.968	75.0	20.360	36.279	25.643	9.002	125.0	17.751	36.365	26.380	9.052
26.0	21.442	36.127	25.232	8.971	76.0	20.275	36.272	25.660	9.007	126.0	17.697	36.357	26.388	9.054
27.0	21.442	36.126	25.231	8.974	77.0	20.158	36.261	25.683	9.021	127.0	17.626	36.352	26.401	9.061
28.0	21.443	36.126	25.231	8.975	78.0	20.115	36.258	25.693	9.023	128.0	17.589	36.348	26.407	9.068
29.0	21.442	36.126	25.231	8.974	79.0	20.099	36.256	25.695	9.025	129.0	17.568	36.345	26.410	9.067
30.0	21.429	36.122	25.232	8.970	80.0	20.052	36.246	25.700	9.026	130.0	17.535	36.342	26.417	9.068
31.0	21.408	36.117	25.234	8.960	81.0	19.960	36.232	25.714	9.025	131.0	17.499	36.340	26.423	9.065
32.0	21.401	36.116	25.235	8.965	82.0	19.874	36.227	25.733	9.022	132.0	17.473	36.337	26.428	9.065
33.0	21.401	36.116	25.235	8.960	83.0	19.819	36.219	25.741	9.018	133.0	17.458	36.336	26.430	9.069
34.0	21.397	36.114	25.234	8.968	84.0	19.758	36.208	25.749	9.014	134.0	17.443	36.334	26.432	9.070
35.0	21.384	36.111	25.235	8.968	85.0	19.725	36.198	25.750	9.013	135.0	17.428	36.331	26.434	9.076
36.0	21.371	36.108	25.237	8.973	86.0	19.717	36.206	25.758	9.017	136.0	17.402	36.328	26.438	9.074
37.0	21.335	36.100	25.241	8.979	87.0	19.733	36.221	25.765	9.023	137.0	17.371	36.324	26.442	9.070
38.0	21.191	36.076	25.263	8.984	88.0	19.703	36.216	25.769	9.022	138.0	17.334	36.319	26.447	9.065
39.0	21.062	36.074	25.296	8.984	89.0	19.586	36.201	25.789	9.014	139.0	17.300	36.316	26.453	9.061
40.0	21.055	36.074	25.298	8.985	90.0	19.419	36.185	25.820	9.005	140.0	17.285	36.314	26.456	9.059
41.0	21.054	36.074	25.298	8.986	91.0	19.355	36.245	25.883	9.004	141.0	17.264	36.311	26.458	9.067
42.0	21.053	36.074	25.298	8.988	92.0	19.407	36.293	25.906	9.005	142.0	17.252	36.309	26.460	9.076
43.0	21.054	36.073	25.298	8.993	93.0	19.446	36.324	25.919	8.984	143.0	17.242	36.308	26.461	9.074
44.0	21.055	36.073	25.297	8.996	94.0	19.365	36.329	25.944	9.012	144.0	17.198	36.300	26.466	9.073
45.0	21.053	36.073	25.298	8.997	95.0	19.290	36.315	25.953	9.016	145.0	17.157	36.295	26.472	9.071
46.0	21.052	36.073	25.299	8.995	96.0	19.311	36.309	25.943	9.021	146.0	17.129	36.292	26.476	9.068
47.0	21.043	36.076	25.303	8.996	97.0	19.324	36.325	25.952	9.020	147.0	17.112	36.289	26.479	9.065
48.0	21.032	36.084	25.312	8.999	98.0	19.276	36.385	26.010	9.027	148.0	17.089	36.286	26.481	9.066
49.0	21.021	36.093	25.322	9.000	99.0	19.037	36.349	26.044	9.022	149.0	17.076	36.284	26.483	9.068
50.0	21.020	36.082	25.313	8.998	100.0	18.962	36.343	26.059	9.011	150.0	17.068	36.283	26.484	9.070
51.0	21.007	36.108	25.337	8.999	101.0	18.920	36.334	26.063	9.009	151.0	17.062	36.282	26.484	9.072
52.0	20.980	36.139	25.368	8.998	102.0	18.896	36.337	26.071	9.009	152.0	17.046	36.278	26.485	9.070

STATION SHE041.AUG:: CRUISE 91G02 DATE & TIME Thu Mar 07 17:39:02 1991, Julian day = 66  
 LAT 27 00.08 N LON 94 59.42 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
153.0	16.997	36.270	26.491	9.067	203.0	15.438	36.037	26.675	0.000	253.0	13.724	35.770	26.842	0.000
154.0	16.935	36.264	26.501	9.066	204.0	15.378	36.033	26.685	0.000	254.0	13.689	35.767	26.846	0.000
155.0	16.900	36.259	26.506	9.064	205.0	15.337	36.029	26.691	0.000	255.0	13.650	35.760	26.849	0.000
156.0	16.868	36.255	26.511	9.065	206.0	15.301	36.023	26.695	0.000	256.0	13.616	35.761	26.849	0.000
157.0	16.855	36.253	26.512	9.063	207.0	15.269	36.032	26.709	0.000	257.0	13.640	35.756	26.848	0.000
158.0	16.848	36.253	26.514	9.020	208.0	15.259	36.017	26.699	0.000	258.0	13.606	35.751	26.851	0.000
159.0	16.847	36.252	26.513	9.056	209.0	15.247	36.015	26.701	0.000	259.0	13.570	35.744	26.853	0.000
160.0	16.840	36.251	26.514	9.059	210.0	15.261	36.019	26.701	0.000	260.0	13.541	35.739	26.856	0.000
161.0	16.837	36.251	26.515	9.064	211.0	15.217	36.007	26.701	0.000	261.0	13.509	35.734	26.858	0.000
162.0	16.831	36.249	26.515	9.072	212.0	15.156	35.997	26.708	0.000	262.0	13.482	35.730	26.861	0.000
163.0	16.818	36.246	26.515	9.073	213.0	15.134	35.995	26.710	0.000	263.0	13.459	35.727	26.863	0.000
164.0	16.804	36.245	26.518	9.073	214.0	15.104	35.988	26.712	0.000	264.0	13.437	35.724	26.865	0.000
165.0	16.796	36.243	26.519	9.066	215.0	15.063	35.983	26.717	0.000	265.0	13.424	35.721	26.866	0.000
166.0	16.765	36.237	26.521	9.060	216.0	15.027	35.976	26.720	0.000	266.0	13.422	35.721	26.866	0.000
167.0	16.701	36.229	26.530	9.062	217.0	14.977	35.969	26.725	0.000	267.0	13.443	35.717	26.859	0.000
168.0	16.642	36.222	26.539	9.036	218.0	14.950	35.965	26.728	0.000	268.0	13.309	35.702	26.874	0.000
169.0	16.624	36.220	26.542	9.069	219.0	14.952	35.969	26.731	0.000	269.0	13.271	35.697	26.879	0.000
170.0	16.600	36.216	26.544	9.072	220.0	14.945	35.963	26.728	0.000	270.0	13.257	35.697	26.881	0.000
171.0	16.563	36.210	26.549	9.071	221.0	14.887	35.953	26.733	0.000	271.0	13.249	35.695	26.881	0.000
172.0	16.519	36.203	26.554	9.070	222.0	14.866	35.950	26.735	0.000	272.0	13.234	35.692	26.882	0.000
173.0	16.479	36.199	26.560	9.067	223.0	14.845	35.948	26.738	0.000	273.0	13.240	35.695	26.884	0.000
174.0	16.435	36.191	26.564	9.061	224.0	14.814	35.942	26.740	0.000	274.0	13.234	35.687	26.878	0.000
175.0	16.385	36.186	26.572	9.062	225.0	14.795	35.939	26.742	0.000	275.0	13.167	35.680	26.886	0.000
176.0	16.370	36.183	26.573	9.065	226.0	14.764	35.933	26.744	0.000	276.0	13.097	35.670	26.894	0.000
177.0	16.339	36.179	26.577	9.066	227.0	14.716	35.927	26.750	0.000	277.0	13.060	35.666	26.897	0.000
178.0	16.322	36.177	26.580	9.064	228.0	14.704	35.928	26.754	0.000	278.0	13.016	35.660	26.901	0.000
179.0	16.314	36.176	26.581	9.066	229.0	14.774	35.936	26.745	0.000	279.0	13.010	35.655	26.900	0.000
180.0	16.302	36.174	26.582	9.068	230.0	14.631	35.913	26.758	0.000	280.0	12.943	35.645	26.905	0.000
181.0	16.284	36.170	26.583	9.068	231.0	14.612	35.909	26.760	0.000	281.0	12.885	35.636	26.910	0.000
182.0	16.207	36.157	26.591	9.073	232.0	14.545	35.898	26.765	0.000	282.0	12.828	35.630	26.917	0.000
183.0	16.167	36.152	26.596	9.080	233.0	14.501	35.891	26.770	0.000	283.0	12.781	35.624	26.921	0.000
184.0	16.129	36.145	26.600	9.082	234.0	14.473	35.885	26.771	0.000	284.0	12.761	35.619	26.922	0.000
185.0	16.091	36.141	26.606	9.079	235.0	14.402	35.874	26.778	0.000	285.0	12.729	35.614	26.924	0.000
186.0	16.056	36.136	26.610	9.080	236.0	14.329	35.865	26.786	0.000	286.0	12.696	35.609	26.927	0.000
187.0	16.036	36.133	26.613	9.077	237.0	14.291	35.861	26.791	0.000	287.0	12.663	35.605	26.930	0.000
188.0	16.018	36.129	26.613	9.074	238.0	14.281	35.858	26.791	0.000	288.0	12.761	35.619	26.922	0.000
189.0	15.965	36.119	26.618	9.078	239.0	14.284	35.856	26.789	0.000	289.0	12.536	35.577	26.934	0.000
190.0	15.874	36.110	26.632	9.079	240.0	14.127	35.833	26.805	0.000	290.0	12.448	35.570	26.946	0.000
191.0	15.842	36.105	26.635	9.080	241.0	14.075	35.824	26.809	0.000	291.0	12.406	35.565	26.950	0.000
192.0	15.798	36.097	26.640	9.077	242.0	14.012	35.815	26.815	0.000	292.0	12.381	35.561	26.952	0.000
193.0	15.753	36.091	26.645	9.079	243.0	13.997	35.815	26.818	0.000	293.0	12.348	35.553	26.952	0.000
194.0	15.680	36.082	26.654	9.079	244.0	13.991	35.813	26.818	0.000	294.0	12.281	35.547	26.960	0.000
195.0	15.621	36.075	26.662	9.078	245.0	13.986	35.813	26.819	0.000	295.0	12.250	35.542	26.962	0.000
196.0	15.604	36.071	26.664	9.076	246.0	13.979	35.808	26.817	0.000	296.0	12.294	35.551	26.961	0.000
197.0	15.592	36.068	26.664	9.076	247.0	13.943	35.805	26.822	0.000	297.0	12.237	35.537	26.961	0.000
198.0	15.569	36.064	26.666	9.072	248.0	13.947	35.814	26.818	0.000	298.0	12.202	35.533	26.964	0.000
199.0	15.523	36.057	26.671	9.071	249.0	13.932	35.795	26.817	0.000	299.0	12.186	35.530	26.966	0.000
200.0	15.487	36.053	26.676	9.073	250.0	13.872	35.791	26.827	0.000	300.0	12.166	35.527	26.968	0.000
201.0	15.472	36.051	26.678	0.000	251.0	13.845	35.787	26.829	0.000	301.0	12.125	35.521	26.970	0.000
202.0	15.506	36.054	26.672	0.000	252.0	13.786	35.777	26.833	0.000	302.0	12.102	35.519	26.973	0.000

STATION SB041.AUG:: CRUISE 91G02 DATE & TIME Thu Mar 07 17:39:02 1991, Julian day = 66  
 LAT 27 00.08 N LON 94 59.42 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
303.0	12.071	35.514	26.976	0.000	353.0	10.928	35.344	27.057	0.000	403.0	9.720	35.176	27.138	0.000
304.0	12.100	35.517	26.972	0.000	354.0	10.916	35.342	27.058	0.000	404.0	9.699	35.173	27.139	0.000
305.0	12.006	35.503	26.979	0.000	355.0	10.908	35.340	27.058	0.000	405.0	9.674	35.171	27.141	0.000
306.0	11.966	35.494	26.980	0.000	356.0	10.895	35.338	27.059	0.000	406.0	9.664	35.170	27.143	0.000
307.0	11.895	35.485	26.987	0.000	357.0	10.870	35.335	27.061	0.000	407.0	9.646	35.167	27.143	0.000
308.0	11.830	35.476	26.992	0.000	358.0	10.843	35.332	27.063	0.000	408.0	9.628	35.166	27.146	0.000
309.0	11.771	35.471	27.000	0.000	359.0	10.828	35.329	27.064	0.000	409.0	9.615	35.166	27.147	0.000
310.0	11.757	35.468	27.000	0.000	360.0	10.797	35.324	27.065	0.000	410.0	9.611	35.160	27.143	0.000
311.0	11.746	35.466	27.000	0.000	361.0	10.756	35.318	27.068	0.000	411.0	9.587	35.158	27.146	0.000
312.0	11.740	35.464	27.000	0.000	362.0	10.709	35.311	27.071	0.000	412.0	9.576	35.157	27.147	0.000
313.0	11.733	35.462	27.000	0.000	363.0	10.678	35.309	27.075	0.000	413.0	9.552	35.154	27.149	0.000
314.0	11.709	35.457	27.001	0.000	364.0	10.652	35.304	27.076	0.000	414.0	9.517	35.149	27.151	0.000
315.0	11.679	35.453	27.003	0.000	365.0	10.637	35.302	27.077	0.000	415.0	9.487	35.146	27.153	0.000
316.0	11.647	35.448	27.005	0.000	366.0	10.627	35.301	27.078	0.000	416.0	9.455	35.142	27.156	0.000
317.0	11.604	35.444	27.010	0.000	367.0	10.615	35.299	27.078	0.000	417.0	9.417	35.138	27.159	0.000
318.0	11.575	35.439	27.011	0.000	368.0	10.604	35.297	27.079	0.000	418.0	9.464	35.147	27.158	0.000
319.0	11.638	35.450	27.008	0.000	369.0	10.598	35.296	27.079	0.000	419.0	9.428	35.133	27.153	0.000
320.0	11.542	35.433	27.013	0.000	370.0	10.591	35.294	27.079	0.000	420.0	9.318	35.130	27.168	0.000
321.0	11.496	35.429	27.018	0.000	371.0	10.584	35.293	27.079	0.000	421.0	9.298	35.124	27.167	0.000
322.0	11.483	35.427	27.020	0.000	372.0	10.563	35.288	27.079	0.000	422.0	9.269	35.121	27.169	0.000
323.0	11.472	35.424	27.019	0.000	373.0	10.531	35.286	27.083	0.000	423.0	9.253	35.119	27.171	0.000
324.0	11.468	35.423	27.019	0.000	374.0	10.524	35.286	27.085	0.000	424.0	9.236	35.116	27.171	0.000
325.0	11.464	35.422	27.019	0.000	375.0	10.494	35.279	27.084	0.000	425.0	9.211	35.114	27.173	0.000
326.0	11.459	35.421	27.019	0.000	376.0	10.445	35.273	27.089	0.000	426.0	9.190	35.113	27.177	0.000
327.0	11.456	35.419	27.018	0.000	377.0	10.386	35.265	27.093	0.000	427.0	9.268	35.117	27.166	0.000
328.0	11.419	35.412	27.020	0.000	378.0	10.335	35.260	27.097	0.000	428.0	9.199	35.107	27.170	0.000
329.0	11.397	35.410	27.022	0.000	379.0	10.327	35.258	27.097	0.000	429.0	9.134	35.105	27.179	0.000
330.0	11.382	35.408	27.024	0.000	380.0	10.324	35.257	27.097	0.000	430.0	9.094	35.101	27.182	0.000
331.0	11.349	35.403	27.026	0.000	381.0	10.290	35.251	27.098	0.000	431.0	9.067	35.096	27.184	0.000
332.0	11.321	35.400	27.029	0.000	382.0	10.223	35.243	27.104	0.000	432.0	9.043	35.095	27.186	0.000
333.0	11.310	35.400	27.031	0.000	383.0	10.165	35.235	27.108	0.000	433.0	9.035	35.093	27.186	0.000
334.0	11.304	35.398	27.031	0.000	384.0	10.136	35.233	27.111	0.000	434.0	9.006	35.090	27.188	0.000
335.0	11.323	35.401	27.029	0.000	385.0	10.086	35.223	27.112	0.000	435.0	8.979	35.087	27.190	0.000
336.0	11.294	35.395	27.030	0.000	386.0	10.019	35.217	27.119	0.000	436.0	8.975	35.089	27.193	0.000
337.0	11.274	35.392	27.032	0.000	387.0	9.978	35.213	27.123	0.000	437.0	9.042	35.088	27.181	0.000
338.0	11.244	35.387	27.033	0.000	388.0	9.958	35.209	27.123	0.000	438.0	8.940	35.083	27.193	0.000
339.0	11.203	35.383	27.038	0.000	389.0	9.949	35.208	27.124	0.000	439.0	8.936	35.083	27.194	0.000
340.0	11.182	35.381	27.039	0.000	390.0	9.944	35.206	27.123	0.000	440.0	8.936	35.082	27.194	0.000
341.0	11.158	35.378	27.042	0.000	391.0	9.908	35.200	27.124	0.000	441.0	8.936	35.082	27.193	0.000
342.0	11.188	35.381	27.039	0.000	392.0	9.877	35.198	27.128	0.000	442.0	8.936	35.087	27.197	0.000
343.0	11.170	35.374	27.036	0.000	393.0	9.864	35.197	27.129	0.000	443.0	8.934	35.082	27.194	0.000
344.0	11.114	35.370	27.043	0.000	394.0	9.856	35.194	27.129	0.000	444.0	8.930	35.080	27.192	0.000
345.0	11.102	35.367	27.044	0.000	395.0	9.840	35.192	27.130	0.000	445.0	8.920	35.079	27.194	0.000
346.0	11.083	35.366	27.046	0.000	396.0	9.809	35.188	27.132	0.000	446.0	8.963	35.084	27.190	0.000
347.0	11.061	35.364	27.049	0.000	397.0	9.802	35.178	27.125	0.000	447.0	8.931	35.077	27.190	0.000
348.0	11.038	35.360	27.050	0.000	398.0	9.796	35.186	27.132	0.000	448.0	8.892	35.076	27.196	0.000
349.0	11.026	35.359	27.051	0.000	399.0	9.790	35.186	27.133	0.000	449.0	8.886	35.075	27.196	0.000
350.0	11.033	35.359	27.050	0.000	400.0	9.780	35.184	27.134	0.000	450.0	8.881	35.073	27.195	0.000
351.0	11.035	35.353	27.045	0.000	401.0	9.791	35.185	27.133	0.000	451.0	8.855	35.069	27.196	0.000
352.0	10.942	35.344	27.055	0.000	402.0	9.756	35.177	27.132	0.000	452.0	8.827	35.066	27.198	0.000



STATION SBE041.AVG:: CRUISE 91G02 DATE & TIME 1hu Mar 07 17:39:02 1991, Julian day = 66  
 LAT 27 00.08 N LON 94 59.42 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
453.0	8.813	35.066	27.200	0.000	503.0	8.107	34.992	27.251	0.000	553.0	7.434	34.934	27.305	0.000
454.0	8.810	35.064	27.199	0.000	504.0	8.101	34.991	27.252	0.000	554.0	7.457	34.934	27.302	0.000
455.0	8.816	35.067	27.200	0.000	505.0	8.088	34.990	27.253	0.000	555.0	7.411	34.931	27.307	0.000
456.0	8.857	35.067	27.194	0.000	506.0	8.067	34.987	27.254	0.000	556.0	7.399	34.931	27.308	0.000
457.0	8.802	35.061	27.198	0.000	507.0	8.059	34.987	27.255	0.000	557.0	7.385	34.929	27.309	0.000
458.0	8.776	35.061	27.202	0.000	508.0	8.080	34.991	27.255	0.000	558.0	7.378	34.930	27.311	0.000
459.0	8.757	35.059	27.204	0.000	509.0	8.037	34.983	27.255	0.000	559.0	7.375	34.930	27.311	0.000
460.0	8.744	35.058	27.205	0.000	510.0	8.016	34.983	27.258	0.000	560.0	7.351	34.928	27.313	0.000
461.0	8.733	35.056	27.205	0.000	511.0	7.987	34.980	27.260	0.000	561.0	7.327	34.927	27.315	0.000
462.0	8.728	35.056	27.206	0.000	512.0	7.967	34.979	27.263	0.000	562.0	7.320	34.927	27.316	0.000
463.0	8.718	35.056	27.208	0.000	513.0	7.941	34.975	27.264	0.000	563.0	7.332	34.928	27.315	0.000
464.0	8.763	35.056	27.200	0.000	514.0	7.929	34.975	27.265	0.000	564.0	7.337	34.925	27.312	0.000
465.0	8.723	35.051	27.203	0.000	515.0	7.920	34.974	27.266	0.000	565.0	7.299	34.924	27.317	0.000
466.0	8.685	35.050	27.208	0.000	516.0	7.914	34.975	27.268	0.000	566.0	7.289	34.923	27.318	0.000
467.0	8.675	35.049	27.209	0.000	517.0	7.911	34.974	27.267	0.000	567.0	7.282	34.924	27.319	0.000
468.0	8.673	35.049	27.209	0.000	518.0	7.935	34.971	27.261	0.000	568.0	7.280	34.925	27.321	0.000
469.0	8.666	35.047	27.208	0.000	519.0	7.861	34.970	27.272	0.000	569.0	7.277	34.924	27.320	0.000
470.0	8.635	35.044	27.211	0.000	520.0	7.855	34.969	27.272	0.000	570.0	7.267	34.922	27.320	0.000
471.0	8.618	35.044	27.213	0.000	521.0	7.820	34.966	27.274	0.000	571.0	7.260	34.922	27.321	0.000
472.0	8.634	35.044	27.211	0.000	522.0	7.790	34.964	27.277	0.000	572.0	7.239	34.920	27.322	0.000
473.0	8.587	35.036	27.212	0.000	523.0	7.768	34.962	27.279	0.000	573.0	7.221	34.920	27.325	0.000
474.0	8.546	35.035	27.218	0.000	524.0	7.752	34.962	27.281	0.000	574.0	7.241	34.917	27.320	0.000
475.0	8.534	35.034	27.219	0.000	525.0	7.746	34.962	27.282	0.000	575.0	7.187	34.915	27.326	0.000
476.0	8.522	35.033	27.220	0.000	526.0	7.797	34.962	27.275	0.000	576.0	7.148	34.914	27.331	0.000
477.0	8.513	35.032	27.221	0.000	527.0	7.797	34.960	27.273	0.000	577.0	7.136	34.914	27.333	0.000
478.0	8.498	35.030	27.221	0.000	528.0	7.705	34.956	27.283	0.000	578.0	7.126	34.914	27.334	0.000
479.0	8.491	35.029	27.222	0.000	529.0	7.678	34.955	27.287	0.000	579.0	7.119	34.914	27.335	0.000
480.0	8.477	35.027	27.223	0.000	530.0	7.658	34.954	27.289	0.000	580.0	7.113	34.915	27.336	0.000
481.0	8.458	35.026	27.224	0.000	531.0	7.646	34.953	27.290	0.000	581.0	7.109	34.912	27.335	0.000
482.0	8.450	35.025	27.225	0.000	532.0	7.638	34.951	27.290	0.000	582.0	7.092	34.913	27.337	0.000
483.0	8.428	35.022	27.227	0.000	533.0	7.621	34.937	27.281	0.000	583.0	7.091	34.914	27.338	0.000
484.0	8.407	35.021	27.229	0.000	534.0	7.613	34.947	27.290	0.000	584.0	7.114	34.911	27.333	0.000
485.0	8.395	35.019	27.229	0.000	535.0	7.612	34.949	27.292	0.000	585.0	7.060	34.910	27.340	0.000
486.0	8.379	35.018	27.231	0.000	536.0	7.625	34.948	27.289	0.000	586.0	7.049	34.910	27.342	0.000
487.0	8.373	35.018	27.231	0.000	537.0	7.573	34.945	27.294	0.000	587.0	7.040	34.909	27.342	0.000
488.0	8.357	35.016	27.232	0.000	538.0	7.549	34.943	27.296	0.000	588.0	7.028	34.908	27.343	0.000
489.0	8.332	35.014	27.235	0.000	539.0	7.524	34.942	27.299	0.000	589.0	7.026	34.909	27.344	0.000
490.0	8.312	35.014	27.238	0.000	540.0	7.514	34.941	27.300	0.000	590.0	7.027	34.908	27.343	0.000
491.0	8.295	35.009	27.236	0.000	541.0	7.510	34.942	27.301	0.000	591.0	7.024	34.909	27.344	0.000
492.0	8.271	35.007	27.239	0.000	542.0	7.509	34.942	27.301	0.000	592.0	7.018	34.908	27.344	0.000
493.0	8.264	35.007	27.240	0.000	543.0	7.506	34.941	27.301	0.000	593.0	7.014	34.907	27.344	0.000
494.0	8.259	35.006	27.239	0.000	544.0	7.502	34.941	27.302	0.000	594.0	7.008	34.907	27.344	0.000
495.0	8.250	35.005	27.240	0.000	545.0	7.532	34.941	27.297	0.000	595.0	7.001	34.906	27.345	0.000
496.0	8.239	35.004	27.241	0.000	546.0	7.506	34.937	27.297	0.000	596.0	6.994	34.906	27.346	0.000
497.0	8.206	35.001	27.244	0.000	547.0	7.485	34.938	27.301	0.000	597.0	6.985	34.906	27.347	0.000
498.0	8.204	35.002	27.245	0.000	548.0	7.477	34.937	27.301	0.000	598.0	6.982	34.905	27.347	0.000
499.0	8.240	34.998	27.236	0.000	549.0	7.466	34.944	27.309	0.000	599.0	6.977	34.905	27.348	0.000
500.0	8.165	34.997	27.247	0.000	550.0	7.458	34.937	27.304	0.000	600.0	6.974	34.906	27.348	0.000
501.0	8.136	34.995	27.250	0.000	551.0	7.453	34.936	27.304	0.000	601.0	6.973	34.906	27.348	0.000
502.0	8.122	34.993	27.250	0.000	552.0	7.444	34.935	27.305	0.000	602.0	6.966	34.905	27.349	0.000

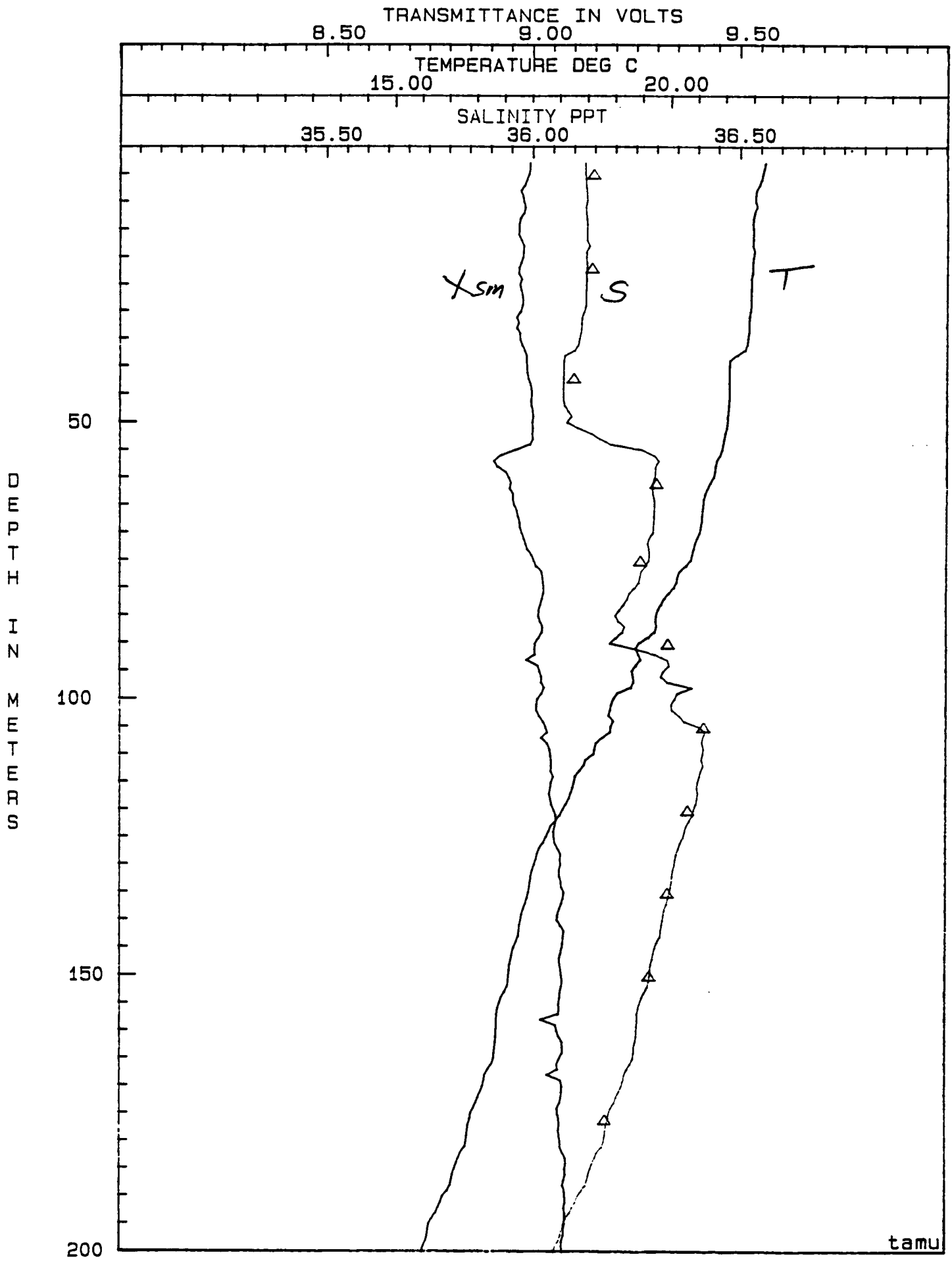
STATION SBE041.AVG: CRUISE 91G02 DATE & TIME Thu Mar 07 17:39:02 1991, Julian day = 66  
 LAT 27 00.08 N LON 94 59.42 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
603.0	6.954	34.904	27.350	0.000	653.0	6.532	34.891	27.397	0.000	703.0	6.145	34.887	27.445	0.000
604.0	6.931	34.903	27.352	0.000	654.0	6.523	34.891	27.398	0.000	704.0	6.134	34.887	27.447	0.000
605.0	6.912	34.902	27.354	0.000	655.0	6.508	34.891	27.400	0.000	705.0	6.127	34.888	27.448	0.000
606.0	6.899	34.902	27.356	0.000	656.0	6.497	34.890	27.401	0.000	706.0	6.122	34.887	27.448	0.000
607.0	6.893	34.902	27.357	0.000	657.0	6.490	34.890	27.402	0.000	707.0	6.120	34.887	27.448	0.000
608.0	6.887	34.900	27.356	0.000	658.0	6.483	34.891	27.404	0.000	708.0	6.117	34.887	27.449	0.000
609.0	6.873	34.901	27.358	0.000	659.0	6.478	34.890	27.404	0.000	709.0	6.115	34.887	27.449	0.000
610.0	6.863	34.901	27.360	0.000	660.0	6.471	34.890	27.405	0.000	710.0	6.106	34.886	27.449	0.000
611.0	6.859	34.900	27.360	0.000	661.0	6.466	34.890	27.405	0.000	711.0	6.097	34.886	27.451	0.000
612.0	6.855	34.900	27.361	0.000	662.0	6.465	34.890	27.405	0.000	712.0	6.090	34.889	27.453	0.000
613.0	6.852	34.900	27.361	0.000	663.0	6.464	34.890	27.405	0.000	713.0	6.086	34.889	27.454	0.000
614.0	6.847	34.900	27.361	0.000	664.0	6.462	34.889	27.405	0.000	714.0	6.085	34.886	27.452	0.000
615.0	6.840	34.901	27.363	0.000	665.0	6.458	34.889	27.406	0.000	715.0	6.078	34.887	27.454	0.000
616.0	6.834	34.902	27.365	0.000	666.0	6.449	34.890	27.407	0.000	716.0	6.073	34.886	27.454	0.000
617.0	6.825	34.901	27.366	0.000	667.0	6.443	34.888	27.407	0.000	717.0	6.069	34.887	27.455	0.000
618.0	6.804	34.899	27.366	0.000	668.0	6.433	34.888	27.408	0.000	718.0	6.059	34.887	27.456	0.000
619.0	6.791	34.899	27.368	0.000	669.0	6.415	34.888	27.411	0.000	719.0	6.051	34.887	27.457	0.000
620.0	6.790	34.898	27.368	0.000	670.0	6.402	34.889	27.413	0.000	720.0	6.043	34.886	27.458	0.000
621.0	6.782	34.898	27.368	0.000	671.0	6.396	34.888	27.413	0.000	721.0	6.035	34.887	27.459	0.000
622.0	6.763	34.897	27.371	0.000	672.0	6.393	34.888	27.414	0.000	722.0	6.031	34.887	27.460	0.000
623.0	6.756	34.898	27.373	0.000	673.0	6.389	34.888	27.414	0.000	723.0	6.030	34.886	27.459	0.000
624.0	6.758	34.900	27.373	0.000	674.0	6.386	34.887	27.414	0.000	724.0	6.028	34.887	27.460	0.000
625.0	6.763	34.900	27.373	0.000	675.0	6.373	34.888	27.416	0.000	725.0	6.024	34.887	27.461	0.000
626.0	6.757	34.898	27.372	0.000	676.0	6.365	34.888	27.417	0.000	726.0	6.019	34.886	27.460	0.000
627.0	6.731	34.898	27.376	0.000	677.0	6.357	34.888	27.418	0.000	727.0	6.016	34.886	27.461	0.000
628.0	6.714	34.897	27.377	0.000	678.0	6.343	34.888	27.420	0.000	728.0	6.013	34.886	27.461	0.000
629.0	6.704	34.898	27.379	0.000	679.0	6.335	34.888	27.421	0.000	729.0	6.007	34.886	27.462	0.000
630.0	6.693	34.897	27.380	0.000	680.0	6.322	34.887	27.422	0.000	730.0	6.005	34.886	27.462	0.000
631.0	6.681	34.895	27.381	0.000	681.0	6.316	34.888	27.424	0.000	731.0	6.003	34.886	27.462	0.000
632.0	6.673	34.896	27.382	0.000	682.0	6.317	34.887	27.423	0.000	732.0	5.995	34.886	27.463	0.000
633.0	6.667	34.895	27.383	0.000	683.0	6.306	34.887	27.424	0.000	733.0	5.989	34.887	27.465	0.000
634.0	6.661	34.895	27.383	0.000	684.0	6.295	34.888	27.426	0.000	734.0	5.986	34.887	27.466	0.000
635.0	6.654	34.895	27.384	0.000	685.0	6.289	34.887	27.427	0.000	735.0	5.981	34.887	27.466	0.000
636.0	6.651	34.895	27.384	0.000	686.0	6.279	34.887	27.428	0.000	736.0	5.982	34.885	27.465	0.000
637.0	6.640	34.894	27.385	0.000	687.0	6.270	34.888	27.429	0.000	737.0	5.974	34.886	27.466	0.000
638.0	6.630	34.894	27.386	0.000	688.0	6.267	34.887	27.429	0.000	738.0	5.971	34.886	27.467	0.000
639.0	6.623	34.893	27.386	0.000	689.0	6.261	34.888	27.431	0.000	739.0	5.967	34.886	27.467	0.000
640.0	6.618	34.894	27.388	0.000	690.0	6.257	34.887	27.431	0.000	740.0	5.960	34.888	27.469	0.000
641.0	6.609	34.893	27.388	0.000	691.0	6.257	34.886	27.430	0.000	741.0	5.953	34.887	27.470	0.000
642.0	6.600	34.893	27.390	0.000	692.0	6.246	34.887	27.432	0.000	742.0	5.946	34.887	27.470	0.000
643.0	6.594	34.893	27.390	0.000	693.0	6.223	34.888	27.436	0.000	743.0	5.933	34.887	27.473	0.000
644.0	6.592	34.893	27.390	0.000	694.0	6.213	34.887	27.437	0.000	744.0	5.933	34.886	27.472	0.000
645.0	6.597	34.893	27.390	0.000	695.0	6.204	34.887	27.438	0.000	745.0	5.927	34.887	27.473	0.000
646.0	6.590	34.891	27.389	0.000	696.0	6.196	34.887	27.439	0.000	746.0	5.925	34.888	27.474	0.000
647.0	6.559	34.894	27.396	0.000	697.0	6.190	34.887	27.439	0.000	747.0	5.925	34.887	27.474	0.000
648.0	6.550	34.892	27.396	0.000	698.0	6.184	34.887	27.440	0.000	748.0	5.920	34.888	27.474	0.000
649.0	6.545	34.893	27.397	0.000	699.0	6.181	34.887	27.441	0.000	749.0	5.912	34.888	27.476	0.000
650.0	6.543	34.893	27.397	0.000	700.0	6.190	34.886	27.438	0.000	750.0	5.906	34.888	27.476	0.000
651.0	6.541	34.892	27.396	0.000	701.0	6.172	34.885	27.440	0.000	751.0	5.902	34.888	27.477	0.000
652.0	6.536	34.891	27.397	0.000	702.0	6.153	34.887	27.444	0.000	752.0	5.898	34.888	27.478	0.000

STATION SBE041.AUG:: CRUISE 91GU2 DATE & TIME Thu Mar 07 17:39:02 1991, Julian day = 66  
 LAT 27 00.08 N LON 94 59.42 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
753.0	5.891	34.888	27.479	0.000	803.0	5.588	34.896	27.522	0.000	853.0	5.400	34.900	27.549	0.000
754.0	5.886	34.889	27.479	0.000	804.0	5.581	34.897	27.524	0.000	854.0	5.393	34.900	27.550	0.000
755.0	5.882	34.888	27.479	0.000	805.0	5.576	34.896	27.524	0.000	855.0	5.387	34.901	27.551	0.000
756.0	5.877	34.889	27.481	0.000	806.0	5.569	34.896	27.525	0.000	856.0	5.384	34.902	27.552	0.000
757.0	5.871	34.888	27.481	0.000	807.0	5.559	34.897	27.527	0.000	857.0	5.382	34.901	27.552	0.000
758.0	5.855	34.889	27.484	0.000	808.0	5.558	34.896	27.527	0.000	858.0	5.380	34.901	27.552	0.000
759.0	5.845	34.890	27.485	0.000	809.0	5.556	34.897	27.527	0.000	859.0	5.371	34.901	27.553	0.000
760.0	5.843	34.889	27.485	0.000	810.0	5.570	34.895	27.524	0.000	860.0	5.367	34.902	27.554	0.000
761.0	5.840	34.889	27.485	0.000	811.0	5.549	34.896	27.527	0.000	861.0	5.361	34.902	27.555	0.000
762.0	5.834	34.888	27.486	0.000	812.0	5.548	34.897	27.528	0.000	862.0	5.356	34.903	27.556	0.000
763.0	5.829	34.889	27.487	0.000	813.0	5.547	34.896	27.528	0.000	863.0	5.350	34.902	27.557	0.000
764.0	5.826	34.890	27.488	0.000	814.0	5.546	34.897	27.528	0.000	864.0	5.344	34.902	27.558	0.000
765.0	5.827	34.889	27.487	0.000	815.0	5.546	34.897	27.528	0.000	865.0	5.341	34.903	27.558	0.000
766.0	5.816	34.890	27.489	0.000	816.0	5.544	34.896	27.528	0.000	866.0	5.337	34.903	27.559	0.000
767.0	5.812	34.890	27.490	0.000	817.0	5.537	34.896	27.529	0.000	867.0	5.334	34.903	27.559	0.000
768.0	5.811	34.889	27.489	0.000	818.0	5.532	34.897	27.531	0.000	868.0	5.333	34.903	27.559	0.000
769.0	5.805	34.889	27.490	0.000	819.0	5.524	34.896	27.531	0.000	869.0	5.333	34.903	27.559	0.000
770.0	5.797	34.890	27.492	0.000	820.0	5.516	34.897	27.532	0.000	870.0	5.332	34.903	27.559	0.000
771.0	5.792	34.891	27.493	0.000	821.0	5.513	34.897	27.533	0.000	871.0	5.330	34.903	27.560	0.000
772.0	5.788	34.891	27.493	0.000	822.0	5.511	34.898	27.533	0.000	872.0	5.320	34.903	27.561	0.000
773.0	5.786	34.891	27.494	0.000	823.0	5.508	34.898	27.534	0.000	873.0	5.313	34.904	27.562	0.000
774.0	5.786	34.890	27.493	0.000	824.0	5.506	34.898	27.534	0.000	874.0	5.310	34.904	27.563	0.000
775.0	5.785	34.889	27.493	0.000	825.0	5.503	34.898	27.535	0.000	875.0	5.306	34.905	27.564	0.000
776.0	5.781	34.890	27.494	0.000	826.0	5.498	34.898	27.535	0.000	876.0	5.301	34.903	27.563	0.000
777.0	5.779	34.890	27.494	0.000	827.0	5.501	34.898	27.534	0.000	877.0	5.296	34.905	27.565	0.000
778.0	5.776	34.890	27.495	0.000	828.0	5.498	34.896	27.534	0.000	878.0	5.292	34.905	27.566	0.000
779.0	5.773	34.891	27.496	0.000	829.0	5.483	34.898	27.537	0.000	879.0	5.282	34.904	27.566	0.000
780.0	5.771	34.892	27.497	0.000	830.0	5.480	34.899	27.538	0.000	880.0	5.278	34.905	27.567	0.000
781.0	5.771	34.891	27.496	0.000	831.0	5.478	34.898	27.538	0.000	881.0	5.275	34.905	27.567	0.000
782.0	5.768	34.890	27.496	0.000	832.0	5.474	34.900	27.540	0.000	882.0	5.273	34.905	27.567	0.000
783.0	5.765	34.890	27.495	0.000	833.0	5.472	34.899	27.539	0.000	883.0	5.267	34.906	27.570	0.000
784.0	5.763	34.890	27.496	0.000	834.0	5.467	34.898	27.539	0.000	884.0	5.257	34.906	27.571	0.000
785.0	5.760	34.890	27.497	0.000	835.0	5.466	34.899	27.540	0.000	885.0	5.254	34.906	27.571	0.000
786.0	5.750	34.890	27.498	0.000	836.0	5.474	34.897	27.537	0.000	886.0	5.255	34.906	27.571	0.000
787.0	5.733	34.892	27.501	0.000	837.0	5.464	34.898	27.539	0.000	887.0	5.255	34.905	27.570	0.000
788.0	5.729	34.893	27.502	0.000	838.0	5.461	34.899	27.541	0.000	888.0	5.244	34.906	27.572	0.000
789.0	5.727	34.892	27.502	0.000	839.0	5.456	34.898	27.541	0.000	889.0	5.242	34.906	27.573	0.000
790.0	5.716	34.892	27.504	0.000	840.0	5.452	34.899	27.542	0.000	890.0	5.238	34.907	27.573	0.000
791.0	5.701	34.893	27.506	0.000	841.0	5.450	34.898	27.541	0.000	891.0	5.236	34.907	27.574	0.000
792.0	5.687	34.894	27.509	0.000	842.0	5.445	34.899	27.542	0.000	892.0	5.234	34.907	27.574	0.000
793.0	5.714	34.891	27.503	0.000	843.0	5.441	34.899	27.542	0.000	893.0	5.232	34.907	27.574	0.000
794.0	5.675	34.892	27.508	0.000	844.0	5.438	34.899	27.543	0.000	894.0	5.232	34.906	27.574	0.000
795.0	5.648	34.895	27.515	0.000	845.0	5.433	34.899	27.544	0.000	895.0	5.230	34.906	27.573	0.000
796.0	5.640	34.895	27.515	0.000	846.0	5.428	34.899	27.544	0.000	896.0	5.224	34.907	27.575	0.000
797.0	5.634	34.896	27.517	0.000	847.0	5.424	34.900	27.545	0.000	897.0	5.219	34.908	27.577	0.000
798.0	5.630	34.895	27.517	0.000	848.0	5.422	34.899	27.545	0.000	898.0	5.216	34.907	27.576	0.000
799.0	5.616	34.896	27.519	0.000	849.0	5.419	34.900	27.546	0.000	899.0	5.214	34.908	27.577	0.000
800.0	5.603	34.896	27.521	0.000	850.0	5.415	34.900	27.547	0.000	900.0	5.213	34.907	27.577	0.000
801.0	5.623	34.895	27.518	0.000	851.0	5.411	34.900	27.547	0.000	901.0	5.207	34.908	27.578	0.000
802.0	5.625	34.892	27.515	0.000	852.0	5.407	34.900	27.548	0.000	902.0	5.202	34.907	27.578	0.000





CRUISE: 91G02 STATION: SBE041.A DATE: Mar 07 17:39:02 1991  
 LATITUDE: 27 00.08 N LONGITUDE: 94 59.42 W  
 TRIANGLES DENOTE DISCRETE SAMPLES

STATION SBE042.AVG:: CRUISE 91602 DATE & TIME Fri Mar 08 01:39:31 1991, Julian day = 67  
 LAT 27 01.47 N LON 94 57.69 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
4.0	21.563	35.983	25.089	8.952	54.0	20.976	36.224	25.434	8.965	104.0	18.833	36.396	26.133	9.013
5.0	21.560	35.984	25.091	8.982	55.0	20.985	36.252	25.452	8.953	105.0	18.824	36.400	26.138	9.036
6.0	21.558	35.984	25.091	8.987	56.0	21.002	36.264	25.457	8.935	106.0	18.797	36.407	26.150	9.020
7.0	21.558	35.983	25.090	8.988	57.0	21.039	36.293	25.469	8.928	107.0	18.742	36.404	26.162	9.035
8.0	21.560	35.988	25.094	8.980	58.0	20.995	36.297	25.484	8.911	108.0	18.654	36.404	26.185	9.038
9.0	21.561	35.992	25.096	8.970	59.0	20.916	36.295	25.505	8.915	109.0	18.595	36.405	26.200	9.039
10.0	21.561	36.002	25.104	8.982	60.0	20.852	36.292	25.520	8.916	110.0	18.556	36.409	26.213	9.047
11.0	21.556	36.021	25.120	8.976	61.0	20.783	36.296	25.542	8.925	111.0	18.503	36.407	26.225	9.043
12.0	21.534	36.053	25.150	8.977	62.0	20.734	36.298	25.557	8.926	112.0	18.416	36.407	26.247	9.045
13.0	21.479	36.098	25.200	8.962	63.0	20.623	36.292	25.582	8.954	113.0	18.353	36.408	26.264	9.047
14.0	21.436	36.117	25.226	8.968	64.0	20.517	36.286	25.606	8.966	114.0	18.301	36.405	26.274	9.051
15.0	21.424	36.118	25.230	8.969	65.0	20.507	36.286	25.609	8.967	115.0	18.243	36.400	26.285	9.045
16.0	21.420	36.117	25.230	8.968	66.0	20.479	36.289	25.619	8.976	116.0	18.198	36.397	26.295	9.048
17.0	21.403	36.112	25.231	8.966	67.0	20.440	36.285	25.626	8.986	117.0	18.137	36.396	26.309	9.050
18.0	21.388	36.109	25.233	8.972	68.0	20.408	36.289	25.638	8.993	118.0	18.120	36.395	26.313	9.055
19.0	21.377	36.106	25.234	8.965	69.0	20.390	36.291	25.644	8.987	119.0	18.071	36.390	26.321	9.052
20.0	21.371	36.105	25.235	8.971	70.0	20.384	36.300	25.652	8.990	120.0	18.065	36.390	26.322	9.052
21.0	21.367	36.105	25.236	8.968	71.0	20.394	36.305	25.654	8.992	121.0	18.013	36.383	26.330	9.056
22.0	21.363	36.105	25.237	8.969	72.0	20.393	36.307	25.656	8.997	122.0	17.954	36.380	26.342	9.060
23.0	21.357	36.102	25.237	8.967	73.0	20.391	36.314	25.661	8.997	123.0	17.879	36.372	26.354	9.059
24.0	21.351	36.102	25.238	8.973	74.0	20.414	36.326	25.664	8.995	124.0	17.839	36.369	26.362	9.059
25.0	21.348	36.102	25.239	8.969	75.0	20.398	36.336	25.677	9.002	125.0	17.805	36.365	26.367	9.054
26.0	21.346	36.102	25.240	8.974	76.0	20.376	36.337	25.683	9.006	126.0	17.740	36.360	26.380	9.060
27.0	21.344	36.100	25.239	8.977	77.0	20.332	36.334	25.692	9.010	127.0	17.708	36.359	26.387	9.065
28.0	21.333	36.099	25.240	8.972	78.0	20.260	36.333	25.711	9.017	128.0	17.696	36.358	26.389	9.068
29.0	21.324	36.098	25.242	8.972	79.0	20.207	36.339	25.730	9.018	129.0	17.696	36.358	26.389	9.066
30.0	21.318	36.098	25.244	8.975	80.0	20.134	36.335	25.746	9.021	130.0	17.692	36.357	26.389	9.063
31.0	21.311	36.098	25.246	8.978	81.0	20.116	36.336	25.752	9.023	131.0	17.685	36.356	26.390	9.068
32.0	21.308	36.097	25.246	8.977	82.0	20.097	36.339	25.759	9.029	132.0	17.665	36.354	26.393	9.068
33.0	21.295	36.094	25.247	8.978	83.0	20.076	36.341	25.766	9.023	133.0	17.634	36.350	26.398	9.065
34.0	21.273	36.090	25.250	8.978	84.0	20.058	36.340	25.770	9.022	134.0	17.624	36.350	26.401	9.067
35.0	21.216	36.088	25.264	8.982	85.0	20.058	36.346	25.775	9.021	135.0	17.605	36.348	26.404	9.071
36.0	21.201	36.087	25.268	8.977	86.0	20.021	36.341	25.781	9.029	136.0	17.585	36.346	26.407	9.074
37.0	21.189	36.088	25.272	8.974	87.0	19.993	36.343	25.790	9.028	137.0	17.551	36.341	26.411	9.069
38.0	21.170	36.085	25.275	8.978	88.0	19.842	36.383	25.799	9.027	138.0	17.498	36.334	26.419	9.062
39.0	21.126	36.082	25.285	8.982	89.0	19.658	36.293	25.840	9.029	139.0	17.469	36.333	26.425	9.070
40.0	21.092	36.081	25.293	8.980	90.0	19.650	36.289	25.839	9.029	140.0	17.411	36.325	26.434	9.070
41.0	21.084	36.080	25.295	8.982	91.0	19.554	36.308	25.879	9.024	141.0	17.380	36.321	26.438	9.068
42.0	21.072	36.081	25.299	8.986	92.0	19.521	36.353	25.921	9.024	142.0	17.361	36.319	26.441	9.070
43.0	21.068	36.081	25.300	8.991	93.0	19.409	36.356	25.954	9.021	143.0	17.324	36.313	26.445	9.072
44.0	21.061	36.080	25.301	8.990	94.0	19.413	36.380	25.971	9.022	144.0	17.247	36.304	26.457	9.073
45.0	21.056	36.080	25.302	8.986	95.0	19.420	36.395	25.980	9.027	145.0	17.168	36.294	26.468	9.074
46.0	21.053	36.080	25.303	8.987	96.0	19.368	36.410	26.006	9.033	146.0	17.132	36.288	26.473	9.074
47.0	21.050	36.081	25.304	8.990	97.0	19.331	36.406	26.012	9.029	147.0	17.097	36.284	26.478	9.073
48.0	21.047	36.081	25.306	8.989	98.0	19.232	36.395	26.029	9.029	148.0	17.035	36.275	26.486	9.069
49.0	21.033	36.089	25.316	8.987	99.0	19.111	36.371	26.042	9.027	149.0	17.014	36.273	26.490	9.063
50.0	21.009	36.116	25.343	8.989	100.0	19.026	36.358	26.054	9.031	150.0	17.010	36.272	26.490	9.060
51.0	20.978	36.148	25.375	8.989	101.0	18.996	36.362	26.064	9.027	151.0	16.998	36.270	26.491	9.062
52.0	20.958	36.183	25.408	8.986	102.0	18.895	36.356	26.087	9.022	152.0	16.975	36.267	26.494	9.062
53.0	20.966	36.204	25.422	8.980	103.0	18.835	36.381	26.121	9.021	153.0	16.953	36.264	26.497	9.059

STATION SBE042.AUG: CRUISE 91G02 DATE & TIME Fri Mar 08 01:39:31 1991, Julian day = 67  
 LAT 27 01.47 N LON 94 57.69 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
154.0	16.953	36.265	26.498	9.055	204.0	15.166	35.996	26.704	0.000	254.0	13.396	35.714	26.866	0.000
155.0	16.955	36.265	26.497	9.053	205.0	15.109	35.987	26.710	0.000	255.0	13.333	35.710	26.876	0.000
156.0	16.953	36.264	26.497	9.053	206.0	15.081	35.981	26.712	0.000	256.0	13.275	35.699	26.879	0.000
157.0	16.950	36.264	26.498	9.058	207.0	15.026	35.973	26.718	0.000	257.0	13.263	35.696	26.879	0.000
158.0	16.943	36.262	26.498	9.052	208.0	14.958	35.961	26.724	0.000	258.0	13.239	35.692	26.881	0.000
159.0	16.919	36.257	26.500	9.046	209.0	14.924	35.956	26.728	0.000	259.0	13.218	35.687	26.882	0.000
160.0	16.850	36.248	26.510	9.053	210.0	14.882	35.949	26.730	0.000	260.0	13.205	35.684	26.882	0.000
161.0	16.818	36.244	26.514	9.059	211.0	14.801	35.935	26.738	0.000	261.0	13.188	35.682	26.884	0.000
162.0	16.769	36.237	26.521	9.061	212.0	14.719	35.925	26.748	0.000	262.0	13.181	35.681	26.885	0.000
163.0	16.731	36.232	26.526	9.062	213.0	14.695	35.923	26.752	0.000	263.0	13.140	35.673	26.886	0.000
164.0	16.706	36.230	26.530	9.067	214.0	14.654	35.915	26.755	0.000	264.0	13.104	35.668	26.890	0.000
165.0	16.672	36.225	26.534	9.072	215.0	14.643	35.913	26.756	0.000	265.0	13.088	35.666	26.892	0.000
166.0	16.642	36.218	26.536	9.068	216.0	14.633	35.912	26.757	0.000	266.0	13.068	35.663	26.894	0.000
167.0	16.577	36.207	26.543	9.071	217.0	14.628	35.910	26.757	0.000	267.0	13.043	35.659	26.896	0.000
168.0	16.510	36.201	26.554	9.078	218.0	14.565	35.900	26.762	0.000	268.0	13.024	35.656	26.897	0.000
169.0	16.422	36.187	26.564	9.072	219.0	14.533	35.895	26.765	0.000	269.0	12.999	35.651	26.899	0.000
170.0	16.373	36.180	26.570	9.070	220.0	14.523	35.893	26.767	0.000	270.0	12.979	35.649	26.901	0.000
171.0	16.320	36.175	26.578	9.081	221.0	14.497	35.888	26.768	0.000	271.0	12.968	35.647	26.902	0.000
172.0	16.273	36.166	26.582	9.081	222.0	14.420	35.874	26.774	0.000	272.0	12.940	35.641	26.902	0.000
173.0	16.259	36.163	26.584	9.083	223.0	14.387	35.869	26.777	0.000	273.0	12.905	35.636	26.906	0.000
174.0	16.238	36.160	26.587	9.082	224.0	14.350	35.865	26.781	0.000	274.0	12.852	35.628	26.910	0.000
175.0	16.217	36.157	26.589	9.079	225.0	14.331	35.863	26.784	0.000	275.0	12.822	35.628	26.916	0.000
176.0	16.184	36.152	26.592	9.083	226.0	14.322	35.860	26.784	0.000	276.0	12.814	35.626	26.917	0.000
177.0	16.123	36.141	26.598	9.078	227.0	14.316	35.859	26.785	0.000	277.0	12.802	35.622	26.916	0.000
178.0	16.028	36.128	26.610	9.073	228.0	14.309	35.858	26.785	0.000	278.0	12.786	35.619	26.917	0.000
179.0	15.990	36.126	26.617	9.076	229.0	14.293	35.855	26.786	0.000	279.0	12.768	35.616	26.918	0.000
180.0	15.983	36.126	26.619	9.077	230.0	14.261	35.851	26.790	0.000	280.0	12.749	35.614	26.920	0.000
181.0	15.979	36.123	26.618	9.079	231.0	14.230	35.846	26.793	0.000	281.0	12.688	35.605	26.925	0.000
182.0	15.971	36.121	26.618	9.077	232.0	14.198	35.840	26.795	0.000	282.0	12.649	35.600	26.929	0.000
183.0	15.962	36.120	26.619	9.071	233.0	14.173	35.837	26.798	0.000	283.0	12.631	35.598	26.931	0.000
184.0	15.902	36.110	26.625	9.076	234.0	14.154	35.834	26.800	0.000	284.0	12.623	35.598	26.933	0.000
185.0	15.837	36.099	26.632	9.079	235.0	14.125	35.828	26.801	0.000	285.0	12.579	35.589	26.934	0.000
186.0	15.799	36.098	26.640	9.081	236.0	14.081	35.821	26.805	0.000	286.0	12.558	35.584	26.935	0.000
187.0	15.691	36.081	26.652	9.078	237.0	14.045	35.817	26.810	0.000	287.0	12.544	35.583	26.937	0.000
188.0	15.659	36.076	26.655	9.076	238.0	14.030	35.813	26.810	0.000	288.0	12.521	35.579	26.938	0.000
189.0	15.635	36.071	26.656	9.076	239.0	14.004	35.809	26.813	0.000	289.0	12.507	35.576	26.938	0.000
190.0	15.575	36.063	26.664	9.077	240.0	13.984	35.805	26.814	0.000	290.0	12.475	35.571	26.941	0.000
191.0	15.558	36.057	26.663	9.078	241.0	13.930	35.798	26.820	0.000	291.0	12.440	35.566	26.944	0.000
192.0	15.480	36.049	26.675	9.081	242.0	13.885	35.792	26.824	0.000	292.0	12.432	35.565	26.945	0.000
193.0	15.459	36.046	26.677	9.076	243.0	13.859	35.787	26.826	0.000	293.0	12.415	35.561	26.945	0.000
194.0	15.449	36.044	26.678	9.072	244.0	13.812	35.779	26.830	0.000	294.0	12.390	35.559	26.948	0.000
195.0	15.433	36.041	26.679	9.069	245.0	13.778	35.777	26.835	0.000	295.0	12.373	35.556	26.949	0.000
196.0	15.402	36.037	26.683	9.068	246.0	13.758	35.774	26.837	0.000	296.0	12.356	35.553	26.950	0.000
197.0	15.358	36.031	26.688	9.074	247.0	13.743	35.770	26.837	0.000	297.0	12.319	35.547	26.952	0.000
198.0	15.315	36.022	26.691	9.072	248.0	13.699	35.762	26.840	0.000	298.0	12.296	35.545	26.955	0.000
199.0	15.306	36.021	26.692	9.073	249.0	13.660	35.753	26.842	0.000	299.0	12.288	35.543	26.956	0.000
200.0	15.301	36.020	26.692	9.077	250.0	13.584	35.744	26.850	0.000	300.0	12.247	35.536	26.958	0.000
201.0	15.280	36.015	26.693	0.000	251.0	13.531	35.742	26.860	0.000	301.0	12.223	35.533	26.961	0.000
202.0	15.271	36.013	26.694	0.000	252.0	13.470	35.725	26.859	0.000	302.0	12.206	35.530	26.962	0.000
203.0	15.242	36.007	26.696	0.000	253.0	13.438	35.722	26.864	0.000	303.0	12.192	35.528	26.963	0.000

STATION SBE042.AUG:: CRUISE 91G02 DATE & TIME Fri Mar 08 01:39:31 1991, Julian day = 67  
 LAT 27 01.47 N LON 94 57.69 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
304.0	12.171	35.525	26.965	0.000	354.0	10.640	35.300	27.075	0.000	404.0	9.817	35.185	27.128	0.000
305.0	12.169	35.524	26.965	0.000	355.0	10.612	35.295	27.075	0.000	405.0	9.809	35.184	27.129	0.000
306.0	12.151	35.521	26.965	0.000	356.0	10.603	35.294	27.076	0.000	406.0	9.795	35.183	27.130	0.000
307.0	12.113	35.515	26.968	0.000	357.0	10.599	35.293	27.077	0.000	407.0	9.794	35.182	27.130	0.000
308.0	12.101	35.515	26.970	0.000	358.0	10.593	35.293	27.078	0.000	408.0	9.780	35.178	27.129	0.000
309.0	12.089	35.513	26.971	0.000	359.0	10.588	35.291	27.077	0.000	409.0	9.744	35.173	27.132	0.000
310.0	12.085	35.512	26.972	0.000	360.0	10.575	35.288	27.077	0.000	410.0	9.696	35.171	27.137	0.000
311.0	12.065	35.508	26.972	0.000	361.0	10.549	35.285	27.079	0.000	411.0	9.688	35.170	27.138	0.000
312.0	12.041	35.503	26.973	0.000	362.0	10.537	35.285	27.081	0.000	412.0	9.669	35.167	27.139	0.000
313.0	12.010	35.499	26.976	0.000	363.0	10.527	35.283	27.081	0.000	413.0	9.657	35.165	27.140	0.000
314.0	11.972	35.494	26.979	0.000	364.0	10.497	35.278	27.083	0.000	414.0	9.636	35.161	27.140	0.000
315.0	11.931	35.489	26.982	0.000	365.0	10.482	35.275	27.083	0.000	415.0	9.605	35.159	27.144	0.000
316.0	11.917	35.487	26.984	0.000	366.0	10.472	35.274	27.084	0.000	416.0	9.598	35.159	27.145	0.000
317.0	11.863	35.480	26.989	0.000	367.0	10.470	35.274	27.084	0.000	417.0	9.578	35.154	27.145	0.000
318.0	11.796	35.467	26.992	0.000	368.0	10.457	35.272	27.085	0.000	418.0	9.565	35.154	27.146	0.000
319.0	11.739	35.461	26.997	0.000	369.0	10.446	35.270	27.086	0.000	419.0	9.560	35.153	27.146	0.000
320.0	11.715	35.457	26.999	0.000	370.0	10.406	35.265	27.089	0.000	420.0	9.551	35.152	27.147	0.000
321.0	11.691	35.454	27.001	0.000	371.0	10.384	35.263	27.092	0.000	421.0	9.522	35.148	27.149	0.000
322.0	11.670	35.449	27.001	0.000	372.0	10.364	35.260	27.092	0.000	422.0	9.493	35.144	27.151	0.000
323.0	11.586	35.436	27.008	0.000	373.0	10.354	35.259	27.094	0.000	423.0	9.472	35.142	27.153	0.000
324.0	11.558	35.433	27.010	0.000	374.0	10.324	35.254	27.095	0.000	424.0	9.456	35.140	27.154	0.000
325.0	11.519	35.429	27.014	0.000	375.0	10.319	35.254	27.095	0.000	425.0	9.449	35.140	27.155	0.000
326.0	11.485	35.423	27.016	0.000	376.0	10.308	35.247	27.091	0.000	426.0	9.412	35.132	27.155	0.000
327.0	11.425	35.413	27.019	0.000	377.0	10.298	35.250	27.096	0.000	427.0	9.385	35.129	27.157	0.000
328.0	11.393	35.412	27.025	0.000	378.0	10.278	35.247	27.097	0.000	428.0	9.378	35.129	27.158	0.000
329.0	11.392	35.410	27.023	0.000	379.0	10.249	35.243	27.099	0.000	429.0	9.375	35.128	27.158	0.000
330.0	11.380	35.406	27.022	0.000	380.0	10.221	35.238	27.101	0.000	430.0	9.362	35.126	27.158	0.000
331.0	11.372	35.405	27.023	0.000	381.0	10.169	35.233	27.105	0.000	431.0	9.336	35.122	27.159	0.000
332.0	11.349	35.402	27.025	0.000	382.0	10.146	35.230	27.107	0.000	432.0	9.301	35.118	27.162	0.000
333.0	11.321	35.397	27.026	0.000	383.0	10.103	35.224	27.109	0.000	433.0	9.275	35.116	27.165	0.000
334.0	11.285	35.392	27.029	0.000	384.0	10.088	35.221	27.110	0.000	434.0	9.263	35.115	27.166	0.000
335.0	11.263	35.388	27.030	0.000	385.0	10.067	35.218	27.111	0.000	435.0	9.214	35.109	27.169	0.000
336.0	11.227	35.382	27.032	0.000	386.0	10.033	35.215	27.115	0.000	436.0	9.175	35.105	27.172	0.000
337.0	11.170	35.374	27.037	0.000	387.0	10.026	35.214	27.115	0.000	437.0	9.163	35.103	27.173	0.000
338.0	11.103	35.366	27.042	0.000	388.0	10.013	35.212	27.116	0.000	438.0	9.153	35.102	27.173	0.000
339.0	11.028	35.356	27.049	0.000	389.0	9.984	35.207	27.117	0.000	439.0	9.132	35.098	27.174	0.000
340.0	11.001	35.352	27.050	0.000	390.0	9.966	35.205	27.118	0.000	440.0	9.101	35.094	27.176	0.000
341.0	10.980	35.348	27.051	0.000	391.0	9.946	35.202	27.120	0.000	441.0	9.090	35.094	27.177	0.000
342.0	10.962	35.345	27.052	0.000	392.0	9.917	35.198	27.122	0.000	442.0	9.082	35.093	27.178	0.000
343.0	10.941	35.341	27.052	0.000	393.0	9.889	35.195	27.124	0.000	443.0	9.072	35.091	27.178	0.000
344.0	10.929	35.339	27.053	0.000	394.0	9.883	35.195	27.124	0.000	444.0	9.059	35.089	27.179	0.000
345.0	10.897	35.335	27.056	0.000	395.0	9.883	35.195	27.124	0.000	445.0	9.021	35.085	27.182	0.000
346.0	10.880	35.332	27.057	0.000	396.0	9.880	35.195	27.125	0.000	446.0	8.999	35.083	27.184	0.000
347.0	10.840	35.328	27.061	0.000	397.0	9.878	35.194	27.125	0.000	447.0	8.981	35.082	27.186	0.000
348.0	10.805	35.320	27.061	0.000	398.0	9.869	35.192	27.125	0.000	448.0	8.966	35.080	27.187	0.000
349.0	10.764	35.316	27.065	0.000	399.0	9.849	35.189	27.126	0.000	449.0	8.943	35.076	27.188	0.000
350.0	10.719	35.310	27.069	0.000	400.0	9.844	35.189	27.126	0.000	450.0	8.924	35.074	27.189	0.000
351.0	10.679	35.305	27.072	0.000	401.0	9.840	35.188	27.127	0.000	451.0	8.914	35.073	27.191	0.000
352.0	10.667	35.304	27.073	0.000	402.0	9.833	35.188	27.128	0.000	452.0	8.907	35.074	27.191	0.000
353.0	10.653	35.301	27.073	0.000	403.0	9.832	35.188	27.128	0.000	453.0	8.904	35.072	27.190	0.000



STATION SBE042.AVG:: CRUISE Y1G02 DATE & TIME Fri Mar 08 01:39:31 1991, Julian day = 67  
 LAT 27 01.47 N LON 94 57.69 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
454.0	8.864	35.068	27.194	0.000	504.0	8.132	34.991	27.247	0.000	554.0	7.371	34.927	27.309	0.000
455.0	8.850	35.065	27.194	0.000	505.0	8.128	34.990	27.247	0.000	555.0	7.348	34.925	27.311	0.000
456.0	8.839	35.065	27.195	0.000	506.0	8.098	34.987	27.249	0.000	556.0	7.344	34.925	27.312	0.000
457.0	8.834	35.065	27.196	0.000	507.0	8.086	34.987	27.251	0.000	557.0	7.323	34.923	27.313	0.000
458.0	8.834	35.064	27.195	0.000	508.0	8.066	34.983	27.251	0.000	558.0	7.303	34.922	27.315	0.000
459.0	8.817	35.060	27.196	0.000	509.0	8.034	34.980	27.254	0.000	559.0	7.295	34.922	27.316	0.000
460.0	8.785	35.057	27.198	0.000	510.0	8.026	34.980	27.255	0.000	560.0	7.281	34.920	27.317	0.000
461.0	8.758	35.055	27.200	0.000	511.0	8.019	34.980	27.255	0.000	561.0	7.267	34.919	27.318	0.000
462.0	8.725	35.052	27.203	0.000	512.0	8.005	34.979	27.257	0.000	562.0	7.253	34.918	27.319	0.000
463.0	8.702	35.049	27.205	0.000	513.0	7.981	34.975	27.258	0.000	563.0	7.235	34.918	27.322	0.000
464.0	8.664	35.046	27.208	0.000	514.0	7.957	34.974	27.261	0.000	564.0	7.229	34.918	27.323	0.000
465.0	8.652	35.044	27.208	0.000	515.0	7.942	34.973	27.261	0.000	565.0	7.228	34.918	27.323	0.000
466.0	8.632	35.042	27.210	0.000	516.0	7.938	34.973	27.262	0.000	566.0	7.222	34.916	27.322	0.000
467.0	8.625	35.042	27.211	0.000	517.0	7.926	34.971	27.262	0.000	567.0	7.203	34.915	27.323	0.000
468.0	8.622	35.043	27.212	0.000	518.0	7.904	34.969	27.264	0.000	568.0	7.193	34.915	27.326	0.000
469.0	8.615	35.041	27.212	0.000	519.0	7.880	34.969	27.268	0.000	569.0	7.188	34.915	27.326	0.000
470.0	8.592	35.039	27.214	0.000	520.0	7.842	34.966	27.271	0.000	570.0	7.188	34.915	27.325	0.000
471.0	8.572	35.038	27.216	0.000	521.0	7.825	34.965	27.273	0.000	571.0	7.168	34.913	27.327	0.000
472.0	8.572	35.038	27.216	0.000	522.0	7.787	34.962	27.276	0.000	572.0	7.157	34.913	27.328	0.000
473.0	8.543	35.034	27.217	0.000	523.0	7.769	34.960	27.278	0.000	573.0	7.138	34.912	27.330	0.000
474.0	8.507	35.030	27.220	0.000	524.0	7.753	34.959	27.279	0.000	574.0	7.116	34.911	27.333	0.000
475.0	8.490	35.028	27.222	0.000	525.0	7.755	34.959	27.279	0.000	575.0	7.108	34.910	27.333	0.000
476.0	8.477	35.027	27.223	0.000	526.0	7.732	34.955	27.279	0.000	576.0	7.094	34.909	27.335	0.000
477.0	8.474	35.028	27.224	0.000	527.0	7.718	34.955	27.281	0.000	577.0	7.088	34.909	27.335	0.000
478.0	8.474	35.028	27.224	0.000	528.0	7.709	34.955	27.282	0.000	578.0	7.083	34.910	27.337	0.000
479.0	8.474	35.027	27.223	0.000	529.0	7.709	34.954	27.281	0.000	579.0	7.082	34.910	27.336	0.000
480.0	8.476	35.027	27.222	0.000	530.0	7.681	34.951	27.283	0.000	580.0	7.083	34.909	27.336	0.000
481.0	8.474	35.027	27.223	0.000	531.0	7.668	34.950	27.284	0.000	581.0	7.079	34.908	27.336	0.000
482.0	8.463	35.025	27.224	0.000	532.0	7.658	34.949	27.285	0.000	582.0	7.078	34.908	27.336	0.000
483.0	8.414	35.021	27.227	0.000	533.0	7.643	34.948	27.287	0.000	583.0	7.077	34.908	27.336	0.000
484.0	8.381	35.017	27.230	0.000	534.0	7.640	34.947	27.286	0.000	584.0	7.073	34.908	27.337	0.000
485.0	8.353	35.014	27.231	0.000	535.0	7.625	34.946	27.287	0.000	585.0	7.059	34.908	27.338	0.000
486.0	8.320	35.010	27.234	0.000	536.0	7.613	34.945	27.288	0.000	586.0	7.052	34.907	27.338	0.000
487.0	8.306	35.010	27.236	0.000	537.0	7.593	34.943	27.289	0.000	587.0	7.028	34.906	27.341	0.000
488.0	8.288	35.007	27.236	0.000	538.0	7.572	34.941	27.292	0.000	588.0	7.013	34.906	27.343	0.000
489.0	8.268	35.004	27.237	0.000	539.0	7.556	34.939	27.292	0.000	589.0	7.012	34.905	27.343	0.000
490.0	8.258	35.004	27.239	0.000	540.0	7.543	34.938	27.293	0.000	590.0	7.011	34.905	27.343	0.000
491.0	8.248	35.003	27.239	0.000	541.0	7.527	34.938	27.295	0.000	591.0	7.008	34.905	27.343	0.000
492.0	8.240	35.003	27.240	0.000	542.0	7.519	34.937	27.296	0.000	592.0	7.005	34.906	27.344	0.000
493.0	8.228	35.001	27.241	0.000	543.0	7.516	34.937	27.296	0.000	593.0	7.005	34.906	27.344	0.000
494.0	8.226	35.001	27.240	0.000	544.0	7.512	34.936	27.296	0.000	594.0	7.004	34.905	27.344	0.000
495.0	8.219	34.999	27.241	0.000	545.0	7.506	34.935	27.296	0.000	595.0	6.997	34.904	27.344	0.000
496.0	8.208	34.999	27.242	0.000	546.0	7.494	34.932	27.295	0.000	596.0	6.982	34.903	27.345	0.000
497.0	8.198	34.997	27.242	0.000	547.0	7.472	34.933	27.299	0.000	597.0	6.967	34.904	27.348	0.000
498.0	8.192	34.997	27.243	0.000	548.0	7.451	34.931	27.301	0.000	598.0	6.962	34.904	27.348	0.000
499.0	8.192	34.997	27.243	0.000	549.0	7.429	34.930	27.303	0.000	599.0	6.950	34.902	27.349	0.000
500.0	8.190	34.997	27.243	0.000	550.0	7.410	34.929	27.305	0.000	600.0	6.933	34.901	27.350	0.000
501.0	8.183	34.996	27.244	0.000	551.0	7.394	34.929	27.307	0.000	601.0	6.917	34.901	27.352	0.000
502.0	8.177	34.995	27.244	0.000	552.0	7.382	34.928	27.308	0.000	602.0	6.907	34.901	27.354	0.000
503.0	8.154	34.993	27.246	0.000	553.0	7.377	34.927	27.308	0.000	603.0	6.890	34.901	27.357	0.000

STATION SHE042.AUG:: CRUISE 91G02 DATE & TIME Fri Mar 08 01:39:31 1991, Julian day = 67  
LAT 27 01.47 N LON 94 57.69 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

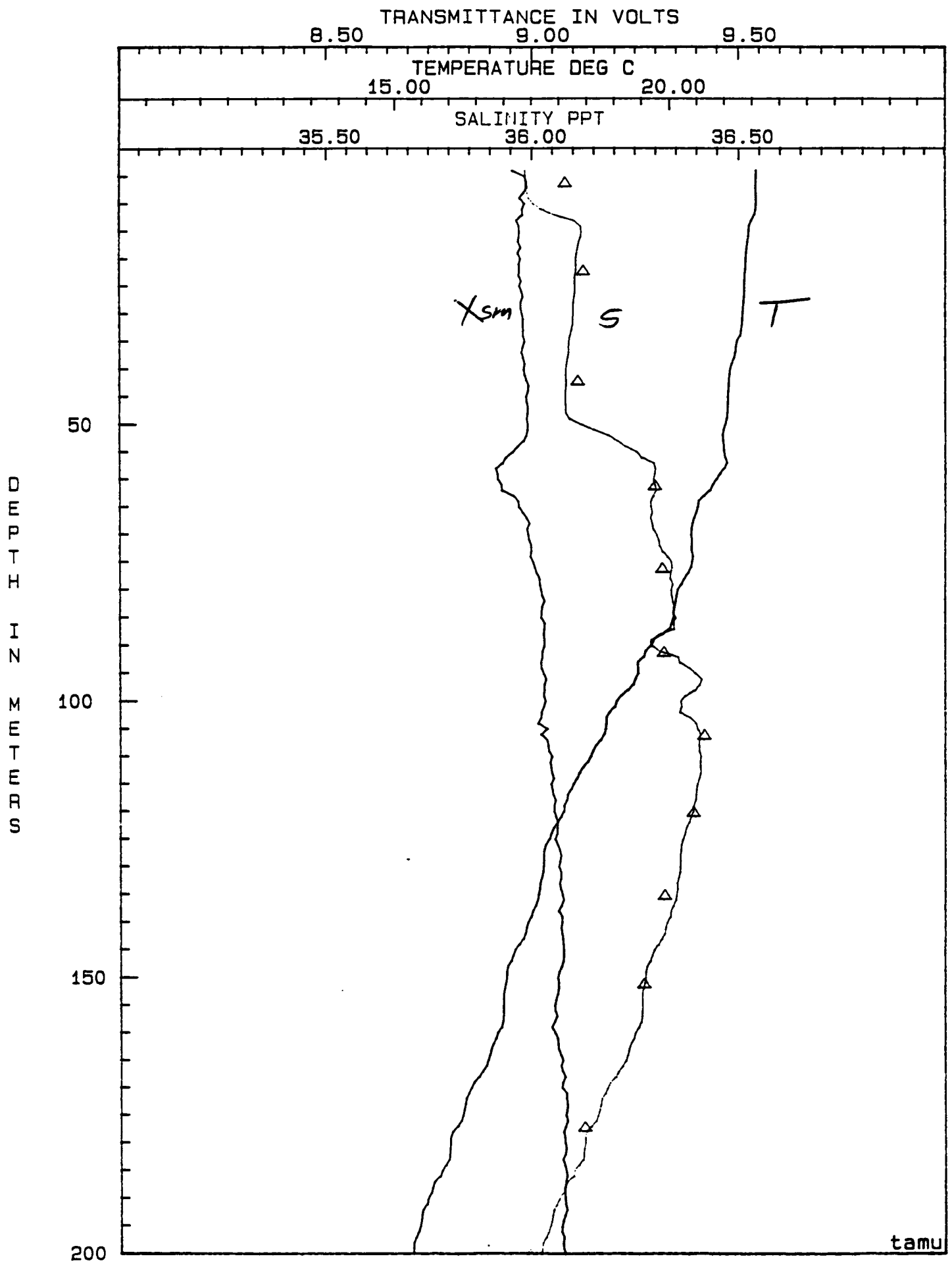
DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
604.0	6.866	34.899	27.358	0.000	654.0	6.458	34.888	27.405	0.000	704.0	6.072	34.885	27.453	0.000
605.0	6.856	34.899	27.360	0.000	655.0	6.447	34.888	27.406	0.000	705.0	6.066	34.885	27.453	0.000
606.0	6.856	34.902	27.362	0.000	656.0	6.434	34.887	27.408	0.000	706.0	6.060	34.885	27.455	0.000
607.0	6.846	34.902	27.364	0.000	657.0	6.427	34.888	27.409	0.000	707.0	6.056	34.885	27.455	0.000
608.0	6.842	34.902	27.364	0.000	658.0	6.424	34.888	27.410	0.000	708.0	6.046	34.885	27.456	0.000
609.0	6.791	34.899	27.368	0.000	659.0	6.424	34.887	27.409	0.000	709.0	6.042	34.885	27.457	0.000
610.0	6.784	34.898	27.369	0.000	660.0	6.410	34.887	27.410	0.000	710.0	6.038	34.886	27.458	0.000
611.0	6.778	34.898	27.370	0.000	661.0	6.404	34.888	27.412	0.000	711.0	6.033	34.886	27.458	0.000
612.0	6.768	34.898	27.371	0.000	662.0	6.402	34.887	27.412	0.000	712.0	6.028	34.885	27.459	0.000
613.0	6.766	34.897	27.370	0.000	663.0	6.402	34.885	27.410	0.000	713.0	6.021	34.885	27.460	0.000
614.0	6.761	34.896	27.370	0.000	664.0	6.398	34.887	27.412	0.000	714.0	6.016	34.886	27.460	0.000
615.0	6.758	34.896	27.371	0.000	665.0	6.392	34.886	27.412	0.000	715.0	6.004	34.886	27.462	0.000
616.0	6.752	34.896	27.372	0.000	666.0	6.377	34.887	27.414	0.000	716.0	5.996	34.886	27.463	0.000
617.0	6.744	34.896	27.373	0.000	667.0	6.368	34.887	27.416	0.000	717.0	5.988	34.885	27.463	0.000
618.0	6.737	34.896	27.374	0.000	668.0	6.359	34.886	27.417	0.000	718.0	5.983	34.885	27.464	0.000
619.0	6.726	34.895	27.374	0.000	669.0	6.347	34.886	27.418	0.000	719.0	5.981	34.886	27.465	0.000
620.0	6.719	34.895	27.375	0.000	670.0	6.339	34.886	27.419	0.000	720.0	5.977	34.886	27.466	0.000
621.0	6.715	34.893	27.374	0.000	671.0	6.332	34.887	27.420	0.000	721.0	5.972	34.885	27.466	0.000
622.0	6.708	34.894	27.376	0.000	672.0	6.326	34.887	27.421	0.000	722.0	5.968	34.885	27.466	0.000
623.0	6.696	34.893	27.376	0.000	673.0	6.320	34.886	27.421	0.000	723.0	5.964	34.885	27.467	0.000
624.0	6.692	34.893	27.377	0.000	674.0	6.295	34.886	27.425	0.000	724.0	5.957	34.885	27.468	0.000
625.0	6.686	34.893	27.378	0.000	675.0	6.286	34.886	27.426	0.000	725.0	5.952	34.885	27.469	0.000
626.0	6.669	34.893	27.380	0.000	676.0	6.277	34.886	27.427	0.000	726.0	5.949	34.885	27.468	0.000
627.0	6.661	34.894	27.382	0.000	677.0	6.271	34.887	27.428	0.000	727.0	5.944	34.885	27.469	0.000
628.0	6.656	34.893	27.382	0.000	678.0	6.266	34.885	27.428	0.000	728.0	5.936	34.885	27.470	0.000
629.0	6.651	34.893	27.383	0.000	679.0	6.261	34.886	27.429	0.000	729.0	5.928	34.885	27.471	0.000
630.0	6.637	34.892	27.384	0.000	680.0	6.260	34.886	27.429	0.000	730.0	5.924	34.886	27.472	0.000
631.0	6.621	34.892	27.386	0.000	681.0	6.262	34.884	27.428	0.000	731.0	5.920	34.886	27.473	0.000
632.0	6.613	34.892	27.387	0.000	682.0	6.259	34.886	27.429	0.000	732.0	5.914	34.887	27.473	0.000
633.0	6.611	34.892	27.387	0.000	683.0	6.257	34.885	27.429	0.000	733.0	5.913	34.887	27.473	0.000
634.0	6.609	34.892	27.388	0.000	684.0	6.246	34.887	27.432	0.000	734.0	5.908	34.887	27.473	0.000
635.0	6.595	34.891	27.388	0.000	685.0	6.241	34.884	27.430	0.000	735.0	5.899	34.887	27.477	0.000
636.0	6.587	34.891	27.390	0.000	686.0	6.229	34.885	27.433	0.000	736.0	5.892	34.887	27.478	0.000
637.0	6.580	34.891	27.391	0.000	687.0	6.219	34.885	27.434	0.000	737.0	5.885	34.888	27.479	0.000
638.0	6.568	34.891	27.392	0.000	688.0	6.204	34.885	27.436	0.000	738.0	5.883	34.888	27.479	0.000
639.0	6.563	34.891	27.393	0.000	689.0	6.198	34.885	27.436	0.000	739.0	5.878	34.888	27.480	0.000
640.0	6.555	34.891	27.394	0.000	690.0	6.188	34.885	27.438	0.000	740.0	5.865	34.888	27.482	0.000
641.0	6.553	34.890	27.394	0.000	691.0	6.174	34.885	27.439	0.000	741.0	5.859	34.889	27.483	0.000
642.0	6.551	34.890	27.394	0.000	692.0	6.168	34.885	27.440	0.000	742.0	5.859	34.888	27.483	0.000
643.0	6.549	34.890	27.394	0.000	693.0	6.160	34.885	27.441	0.000	743.0	5.856	34.887	27.482	0.000
644.0	6.546	34.889	27.394	0.000	694.0	6.153	34.886	27.443	0.000	744.0	5.846	34.888	27.484	0.000
645.0	6.537	34.889	27.395	0.000	695.0	6.143	34.885	27.444	0.000	745.0	5.841	34.888	27.485	0.000
646.0	6.531	34.890	27.396	0.000	696.0	6.131	34.885	27.445	0.000	746.0	5.839	34.888	27.485	0.000
647.0	6.523	34.890	27.397	0.000	697.0	6.123	34.885	27.447	0.000	747.0	5.838	34.888	27.485	0.000
648.0	6.516	34.889	27.398	0.000	698.0	6.119	34.886	27.447	0.000	748.0	5.837	34.887	27.484	0.000
649.0	6.510	34.889	27.398	0.000	699.0	6.113	34.885	27.447	0.000	749.0	5.834	34.887	27.485	0.000
650.0	6.503	34.889	27.399	0.000	700.0	6.099	34.885	27.449	0.000	750.0	5.830	34.887	27.486	0.000
651.0	6.497	34.888	27.400	0.000	701.0	6.088	34.887	27.453	0.000	751.0	5.826	34.888	27.487	0.000
652.0	6.482	34.888	27.402	0.000	702.0	6.083	34.885	27.451	0.000	752.0	5.822	34.888	27.487	0.000
653.0	6.473	34.888	27.403	0.000	703.0	6.081	34.886	27.452	0.000	753.0	5.812	34.888	27.489	0.000

STATION SBEO42.AVG:: CRUISE 91G02 DATE & TIME Fri Mar 08 01:39:31 1991, Julian day = 67  
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DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
754.0	5.811	34.889	27.489	0.000	804.0	5.601	34.894	27.519	0.000	854.0	5.383	34.900	27.551	0.000
755.0	5.807	34.889	27.490	0.000	805.0	5.599	34.893	27.519	0.000	855.0	5.377	34.900	27.552	0.000
756.0	5.804	34.889	27.490	0.000	806.0	5.593	34.894	27.521	0.000	856.0	5.372	34.901	27.553	0.000
757.0	5.804	34.888	27.490	0.000	807.0	5.590	34.895	27.521	0.000	857.0	5.368	34.900	27.553	0.000
758.0	5.795	34.888	27.490	0.000	808.0	5.587	34.894	27.521	0.000	858.0	5.365	34.902	27.554	0.000
759.0	5.783	34.889	27.493	0.000	809.0	5.585	34.894	27.521	0.000	859.0	5.364	34.899	27.553	0.000
760.0	5.782	34.890	27.493	0.000	810.0	5.580	34.894	27.521	0.000	860.0	5.362	34.900	27.553	0.000
761.0	5.779	34.889	27.493	0.000	811.0	5.571	34.895	27.523	0.000	861.0	5.360	34.901	27.554	0.000
762.0	5.776	34.890	27.494	0.000	812.0	5.566	34.895	27.525	0.000	862.0	5.355	34.902	27.556	0.000
763.0	5.774	34.890	27.495	0.000	813.0	5.559	34.895	27.525	0.000	863.0	5.353	34.901	27.555	0.000
764.0	5.774	34.890	27.495	0.000	814.0	5.554	34.895	27.526	0.000	864.0	5.344	34.902	27.557	0.000
765.0	5.769	34.889	27.495	0.000	815.0	5.547	34.895	27.527	0.000	865.0	5.339	34.902	27.558	0.000
766.0	5.762	34.890	27.496	0.000	816.0	5.543	34.896	27.528	0.000	866.0	5.335	34.903	27.559	0.000
767.0	5.755	34.889	27.496	0.000	817.0	5.538	34.896	27.529	0.000	867.0	5.332	34.902	27.559	0.000
768.0	5.749	34.891	27.498	0.000	818.0	5.534	34.896	27.530	0.000	868.0	5.330	34.902	27.559	0.000
769.0	5.746	34.891	27.499	0.000	819.0	5.534	34.895	27.529	0.000	869.0	5.324	34.903	27.560	0.000
770.0	5.745	34.891	27.499	0.000	820.0	5.529	34.896	27.530	0.000	870.0	5.320	34.903	27.561	0.000
771.0	5.743	34.890	27.499	0.000	821.0	5.527	34.896	27.530	0.000	871.0	5.312	34.904	27.562	0.000
772.0	5.738	34.889	27.499	0.000	822.0	5.523	34.897	27.531	0.000	872.0	5.306	34.904	27.563	0.000
773.0	5.731	34.891	27.500	0.000	823.0	5.522	34.897	27.531	0.000	873.0	5.301	34.905	27.565	0.000
774.0	5.730	34.891	27.501	0.000	824.0	5.520	34.896	27.531	0.000	874.0	5.302	34.904	27.564	0.000
775.0	5.729	34.890	27.500	0.000	825.0	5.518	34.896	27.531	0.000	875.0	5.297	34.905	27.565	0.000
776.0	5.726	34.890	27.500	0.000	826.0	5.504	34.896	27.532	0.000	876.0	5.296	34.904	27.564	0.000
777.0	5.721	34.890	27.501	0.000	827.0	5.490	34.898	27.536	0.000	877.0	5.296	34.904	27.564	0.000
778.0	5.708	34.891	27.504	0.000	828.0	5.487	34.898	27.537	0.000	878.0	5.294	34.905	27.565	0.000
779.0	5.699	34.892	27.505	0.000	829.0	5.484	34.897	27.536	0.000	879.0	5.293	34.904	27.565	0.000
780.0	5.693	34.892	27.506	0.000	830.0	5.477	34.898	27.538	0.000	880.0	5.286	34.905	27.567	0.000
781.0	5.684	34.891	27.507	0.000	831.0	5.476	34.898	27.538	0.000	881.0	5.282	34.905	27.567	0.000
782.0	5.679	34.892	27.508	0.000	832.0	5.477	34.897	27.537	0.000	882.0	5.275	34.904	27.567	0.000
783.0	5.669	34.892	27.510	0.000	833.0	5.474	34.897	27.538	0.000	883.0	5.272	34.905	27.568	0.000
784.0	5.667	34.893	27.510	0.000	834.0	5.472	34.896	27.537	0.000	884.0	5.271	34.905	27.568	0.000
785.0	5.663	34.892	27.510	0.000	835.0	5.468	34.897	27.538	0.000	885.0	5.271	34.905	27.568	0.000
786.0	5.652	34.892	27.511	0.000	836.0	5.462	34.898	27.540	0.000	886.0	5.271	34.905	27.568	0.000
787.0	5.646	34.893	27.513	0.000	837.0	5.457	34.897	27.540	0.000	887.0	5.271	34.905	27.568	0.000
788.0	5.644	34.893	27.513	0.000	838.0	5.451	34.897	27.540	0.000	888.0	5.267	34.904	27.568	0.000
789.0	5.641	34.892	27.513	0.000	839.0	5.448	34.898	27.541	0.000	889.0	5.261	34.905	27.569	0.000
790.0	5.634	34.893	27.514	0.000	840.0	5.444	34.898	27.542	0.000	890.0	5.251	34.907	27.572	0.000
791.0	5.633	34.893	27.514	0.000	841.0	5.442	34.898	27.542	0.000	891.0	5.251	34.906	27.572	0.000
792.0	5.632	34.893	27.514	0.000	842.0	5.440	34.898	27.542	0.000	892.0	5.249	34.905	27.571	0.000
793.0	5.632	34.893	27.515	0.000	843.0	5.439	34.898	27.542	0.000	893.0	5.247	34.906	27.572	0.000
794.0	5.631	34.893	27.514	0.000	844.0	5.438	34.897	27.542	0.000	894.0	5.245	34.906	27.572	0.000
795.0	5.630	34.892	27.514	0.000	845.0	5.436	34.898	27.542	0.000	895.0	5.236	34.907	27.574	0.000
796.0	5.621	34.893	27.516	0.000	846.0	5.433	34.898	27.543	0.000	896.0	5.233	34.907	27.574	0.000
797.0	5.615	34.895	27.518	0.000	847.0	5.426	34.899	27.545	0.000	897.0	5.237	34.906	27.573	0.000
798.0	5.612	34.895	27.519	0.000	848.0	5.425	34.898	27.544	0.000	898.0	5.231	34.907	27.574	0.000
799.0	5.613	34.894	27.518	0.000	849.0	5.423	34.898	27.545	0.000	899.0	5.223	34.908	27.576	0.000
800.0	5.608	34.893	27.517	0.000	850.0	5.419	34.899	27.545	0.000	900.0	5.222	34.907	27.576	0.000
801.0	5.606	34.893	27.518	0.000	851.0	5.414	34.899	27.546	0.000	901.0	5.224	34.907	27.576	0.000
802.0	5.605	34.894	27.519	0.000	852.0	5.412	34.899	27.547	0.000	902.0	5.227	34.906	27.574	0.000
803.0	5.604	34.894	27.519	0.000	853.0	5.405	34.899	27.547	0.000	903.0	5.211	34.908	27.577	0.000

STATION SBE042.AVG:: CRUISE 91G02 DATE & TIME Fri Mar 08 01:39:31 1991, Julian day = 67  
 LAT 27 01.47 N LON 94 57.69 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
904.0	5.204	34.908	27.579	0.000	954.0	5.052	34.915	27.602	0.000	1004.0	4.911	34.920	27.623	0.000
905.0	5.209	34.907	27.577	0.000	955.0	5.054	34.914	27.601	0.000	1005.0	4.909	34.920	27.623	0.000
906.0	5.219	34.907	27.576	0.000	956.0	5.050	34.914	27.602	0.000	1006.0	4.905	34.921	27.624	0.000
907.0	5.209	34.907	27.577	0.000	957.0	5.040	34.915	27.603	0.000	1007.0	4.903	34.920	27.624	0.000
908.0	5.196	34.908	27.580	0.000	958.0	5.036	34.915	27.604	0.000	1008.0	4.900	34.921	27.624	0.000
909.0	5.198	34.908	27.579	0.000	959.0	5.034	34.915	27.604	0.000					
910.0	5.197	34.907	27.579	0.000	960.0	5.032	34.915	27.604	0.000					
911.0	5.191	34.908	27.581	0.000	961.0	5.027	34.915	27.605	0.000					
912.0	5.185	34.908	27.581	0.000	962.0	5.017	34.916	27.607	0.000					
913.0	5.184	34.908	27.581	0.000	963.0	5.010	34.916	27.608	0.000					
914.0	5.179	34.908	27.581	0.000	964.0	5.008	34.916	27.608	0.000					
915.0	5.171	34.909	27.583	0.000	965.0	5.003	34.917	27.609	0.000					
916.0	5.166	34.909	27.584	0.000	966.0	5.000	34.917	27.609	0.000					
917.0	5.164	34.909	27.584	0.000	967.0	4.999	34.917	27.610	0.000					
918.0	5.161	34.909	27.584	0.000	968.0	4.997	34.917	27.610	0.000					
919.0	5.160	34.910	27.585	0.000	969.0	4.995	34.918	27.611	0.000					
920.0	5.158	34.910	27.585	0.000	970.0	4.993	34.918	27.611	0.000					
921.0	5.155	34.910	27.586	0.000	971.0	4.993	34.917	27.611	0.000					
922.0	5.154	34.910	27.586	0.000	972.0	4.992	34.917	27.610	0.000					
923.0	5.154	34.910	27.586	0.000	973.0	4.988	34.918	27.612	0.000					
924.0	5.152	34.910	27.586	0.000	974.0	4.989	34.918	27.612	0.000					
925.0	5.150	34.911	27.587	0.000	975.0	4.988	34.917	27.611	0.000					
926.0	5.147	34.910	27.587	0.000	976.0	4.989	34.916	27.611	0.000					
927.0	5.143	34.911	27.588	0.000	977.0	4.981	34.918	27.613	0.000					
928.0	5.141	34.910	27.588	0.000	978.0	4.977	34.918	27.613	0.000					
929.0	5.136	34.911	27.589	0.000	979.0	4.972	34.917	27.613	0.000					
930.0	5.135	34.911	27.589	0.000	980.0	4.967	34.917	27.613	0.000					
931.0	5.135	34.910	27.588	0.000	981.0	4.961	34.918	27.615	0.000					
932.0	5.135	34.911	27.589	0.000	982.0	4.960	34.918	27.615	0.000					
933.0	5.130	34.911	27.590	0.000	983.0	4.958	34.918	27.615	0.000					
934.0	5.128	34.911	27.590	0.000	984.0	4.957	34.918	27.615	0.000					
935.0	5.126	34.911	27.590	0.000	985.0	4.955	34.918	27.616	0.000					
936.0	5.121	34.911	27.591	0.000	986.0	4.953	34.918	27.616	0.000					
937.0	5.114	34.912	27.592	0.000	987.0	4.951	34.919	27.617	0.000					
938.0	5.111	34.911	27.592	0.000	988.0	4.950	34.920	27.618	0.000					
939.0	5.106	34.912	27.593	0.000	989.0	4.949	34.919	27.617	0.000					
940.0	5.099	34.912	27.594	0.000	990.0	4.947	34.919	27.617	0.000					
941.0	5.094	34.913	27.595	0.000	991.0	4.941	34.920	27.618	0.000					
942.0	5.092	34.912	27.595	0.000	992.0	4.935	34.920	27.620	0.000					
943.0	5.085	34.913	27.596	0.000	993.0	4.934	34.920	27.620	0.000					
944.0	5.085	34.913	27.596	0.000	994.0	4.934	34.920	27.620	0.000					
945.0	5.082	34.913	27.597	0.000	995.0	4.934	34.919	27.619	0.000					
946.0	5.078	34.913	27.598	0.000	996.0	4.933	34.920	27.620	0.000					
947.0	5.077	34.913	27.597	0.000	997.0	4.931	34.921	27.620	0.000					
948.0	5.071	34.914	27.599	0.000	998.0	4.930	34.920	27.620	0.000					
949.0	5.067	34.914	27.600	0.000	999.0	4.928	34.920	27.620	0.000					
950.0	5.064	34.914	27.600	0.000	1000.0	4.923	34.920	27.621	0.000					
951.0	5.062	34.914	27.600	0.000	1001.0	4.918	34.921	27.622	0.000					
952.0	5.057	34.915	27.601	0.000	1002.0	4.915	34.920	27.622	0.000					
953.0	5.056	34.915	27.602	0.000	1003.0	4.913	34.920	27.622	0.000					



CRUISE: 91G02 STATION: SBE042.A DATE: Mar 08 01:39:31 1991  
 LATITUDE: 27 01.47 N LONGITUDE: 94 57.69 W  
 TRIANGLES DENOTE DISCRETE SAMPLES

tamu



TRANSMITTANCE IN VOLTS

8.50

9.00

9.50

TEMPERATURE DEG C

15.00

20.00

SALINITY PPT

35.50

36.00

36.50

DEPTH  
IN  
METERS

50

100

150

200

XSM

S

T

tamu

CRUISE: 91G02 STATION: SBE042A. DATE: Mar 08 03: 51: 48 1991

LATITUDE: 27 02.89 N LONGITUDE: 94 578.19

TRIANGLES DENOTE DISCRETE SAMPLES

STATION SBE043.AUG:: CRUISE 91G02 DATE & TIME Fri Mar 08 10:56:35 1991, Julian day = 67  
 LAT 27 02.62 LUN 94 54.62 UEPH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
1.0	21.802	<del>36.106</del>	<del>25.115</del>	<del>9.030</del>	55.0	20.839	36.293	25.524	8.951	115.0	18.313	36.399	26.267	9.053
2.0	21.801	<del>36.130</del>	<del>25.140</del>	<del>9.027</del>	56.0	20.798	36.293	25.535	8.955	116.0	18.284	36.399	26.274	9.051
3.0	21.807	36.147	25.146	9.008	57.0	20.747	36.241	25.510	8.962	117.0	18.219	36.395	26.287	9.090
4.0	21.816	36.146	25.142	9.004	58.0	20.687	36.287	25.561	8.964	118.0	18.133	36.390	26.305	9.049
5.0	21.810	36.147	25.145	9.006	59.0	20.850	36.267	25.501	8.966	119.0	18.061	36.386	26.320	9.053
6.0	21.813	36.146	25.143	9.004	60.0	20.666	36.279	25.561	8.960	120.0	18.039	36.388	26.327	9.056
7.0	21.820	36.149	25.144	9.001	61.0	20.564	36.281	25.590	8.965	121.0	18.010	36.384	26.331	9.057
8.0	21.821	36.149	25.143	9.000	62.0	20.546	36.281	25.594	8.966	122.0	17.969	36.381	26.339	9.053
9.0	21.819	36.148	25.143	9.003	63.0	20.543	36.282	25.596	8.969	123.0	17.899	36.374	26.351	9.052
12.0	21.669	36.143	25.181	9.003	65.0	20.655	36.275	25.560	8.985	124.0	17.843	36.372	26.364	9.054
13.0	21.587	36.133	25.196	9.000	66.0	20.673	36.268	25.550	8.980	125.0	17.784	36.368	26.375	9.056
14.0	21.507	36.132	25.218	8.999	67.0	20.496	36.289	25.614	8.989	126.0	17.856	36.367	26.356	9.048
15.0	21.475	36.127	25.223	9.001	68.0	20.455	36.292	25.627	8.986	127.0	17.667	36.353	26.392	9.061
16.0	21.431	36.121	25.231	8.996	69.0	20.421	36.294	25.638	8.987	128.0	17.624	36.346	26.397	9.057
17.0	21.412	36.117	25.232	8.997	71.0	20.164	36.274	25.692	9.022	129.0	17.584	36.346	26.408	9.067
18.0	21.401	36.115	25.234	9.000	72.0	20.445	36.280	25.621	9.008	130.0	17.568	36.345	26.411	9.067
19.0	21.389	36.112	25.235	8.996	73.0	20.327	36.267	25.643	9.008	131.0	17.552	36.343	26.413	9.071
20.0	21.382	36.110	25.236	9.003	74.0	20.222	36.266	25.670	9.009	132.0	17.513	36.345	26.424	9.071
21.0	21.449	36.116	25.222	9.003	75.0	20.151	36.255	25.680	9.009	133.0	17.464	36.338	26.430	9.074
22.0	21.368	36.106	25.236	8.999	76.0	20.037	36.238	25.698	9.009	134.0	17.480	36.326	26.437	9.073
23.0	21.350	36.104	25.240	8.997	77.0	20.001	36.236	25.706	9.014	136.0	17.283	36.313	26.455	9.077
24.0	21.341	36.103	25.242	8.996	78.0	19.995	36.231	25.704	9.020	137.0	17.263	36.312	26.459	9.077
25.0	21.330	36.101	25.243	8.996	79.0	20.071	36.239	25.690	9.020	138.0	17.251	36.310	26.460	9.080
26.0	21.318	36.098	25.244	8.992	80.0	19.982	36.229	25.705	9.020	142.0	17.140	36.290	26.472	9.073
27.0	21.312	36.096	25.244	8.999	81.0	19.937	36.220	25.711	9.016	143.0	17.118	36.291	26.479	9.070
28.0	21.327	36.097	25.241	9.004	82.0	19.884	36.213	25.719	9.015	144.0	17.116	36.291	26.479	9.075
29.0	21.369	36.102	25.233	9.006	84.0	19.805	36.207	25.735	9.016	145.0	17.069	36.275	26.478	9.076
30.0	21.296	36.090	25.244	9.004	85.0	19.786	36.203	25.738	9.021	146.0	17.040	36.279	26.488	9.072
31.0	21.282	36.087	25.246	9.006	86.0	19.785	36.198	25.734	9.024	147.0	17.033	36.277	26.488	9.069
32.0	21.270	36.084	25.247	9.004	87.0	19.734	36.201	25.749	9.020	149.0	17.020	36.275	26.490	9.058
33.0	21.257	36.081	25.248	9.004	88.0	19.686	36.223	25.779	9.019	150.0	17.016	36.275	26.490	9.058
35.0	21.239	36.079	25.251	9.013	89.0	19.717	36.205	25.757	9.021	151.0	17.011	36.274	26.491	9.058
36.0	21.249	36.079	25.249	9.011	90.0	19.533	36.243	25.835	8.999	152.0	17.008	36.274	26.491	9.063
37.0	21.228	36.076	25.252	9.013	91.0	19.543	36.299	25.875	9.019	153.0	17.011	36.267	26.486	9.065
38.0	21.193	36.070	25.257	9.008	92.0	19.546	36.317	25.887	9.023	154.0	17.001	36.271	26.491	9.059
39.0	21.141	36.066	25.269	9.002	93.0	19.603	36.303	25.862	9.033	155.0	16.998	36.271	26.492	9.057
41.0	21.105	36.073	25.284	9.010	94.0	19.523	36.328	25.902	9.024	156.0	16.993	36.271	26.493	9.052
42.0	21.103	36.077	25.288	9.013	95.0	19.521	36.357	25.925	9.023	157.0	16.988	36.270	26.493	9.049
43.0	21.096	36.088	25.298	9.015	96.0	19.456	36.351	25.938	9.017	158.0	16.983	36.269	26.494	9.052
44.0	21.081	36.086	25.300	9.017	97.0	19.283	36.331	25.967	9.014	160.0	17.006	36.271	26.490	9.062
45.0	21.073	36.087	25.303	9.011	98.0	19.240	36.396	26.028	9.013	161.0	16.971	36.265	26.494	9.058
46.0	21.062	36.089	25.307	9.012	99.0	19.209	36.389	26.030	9.027	162.0	16.944	36.263	26.499	9.052
47.0	21.051	36.111	25.328	8.999	107.0	18.978	36.372	26.077	9.040	163.0	16.915	36.258	26.502	9.049
48.0	21.015	36.144	25.362	9.010	108.0	18.836	36.423	26.152	9.045	164.0	16.874	36.255	26.509	9.048
49.0	20.986	36.191	25.406	9.009	109.0	18.696	36.412	26.180	9.045	165.0	16.839	36.248	26.512	9.053
50.0	20.991	36.246	25.446	8.997	110.0	18.579	36.412	26.209	9.042	166.0	16.794	36.250	26.524	9.063
51.0	21.013	36.277	25.464	8.987	111.0	18.528	36.409	26.220	9.037	167.0	16.892	36.254	26.504	9.066
52.0	20.986	36.300	25.490	8.955	112.0	18.446	36.407	26.239	9.044	168.0	16.719	36.224	26.523	9.064
53.0	20.923	36.297	25.504	8.955	113.0	18.364	36.406	26.260	9.043	169.0	16.582	36.212	26.545	9.065
54.0	20.875	36.294	25.515	8.953	114.0	18.355	36.402	26.258	9.054	170.0	16.525	36.207	26.555	9.062



STATION SBE043.AVG:: CRUISE 91G02 DATE & TIME Fri Mar 08 10:56:35 1991, Julian day = 67  
 LAT 27 02.62 LON 94 54.62 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
171.0	16.510	36.205	26.557	9.061	228.0	14.734	35.918	26.740	0.000	279.0	12.726	35.614	26.924	0.000
172.0	16.453	36.192	26.561	9.071	229.0	14.644	35.916	26.758	0.000	280.0	12.677	35.605	26.927	0.000
173.0	16.521	36.209	26.557	9.073	230.0	14.618	35.913	26.761	0.000	281.0	12.620	35.599	26.934	0.000
174.0	16.413	36.188	26.567	9.074	231.0	14.600	35.909	26.762	0.000	292.0	12.279	35.545	26.959	0.000
175.0	16.337	36.178	26.577	9.072	232.0	14.544	35.898	26.766	0.000	293.0	12.264	35.543	26.961	0.000
176.0	16.293	36.171	26.581	9.069	233.0	14.488	35.890	26.772	0.000	294.0	12.256	35.541	26.961	0.000
177.0	16.229	36.162	26.590	9.072	234.0	14.728	35.926	26.747	0.000	295.0	12.234	35.538	26.962	0.000
179.0	16.157	36.152	26.598	9.075	235.0	14.602	35.893	26.749	0.000	296.0	12.235	35.537	26.961	0.000
180.0	16.124	36.149	26.604	9.078	236.0	14.378	35.875	26.783	0.000	297.0	12.166	35.525	26.966	0.000
181.0	16.101	36.139	26.602	9.078	237.0	14.352	35.869	26.784	0.000	298.0	12.107	35.518	26.972	0.000
182.0	16.086	36.142	26.608	9.074	238.0	14.315	35.862	26.787	0.000	299.0	12.079	35.515	26.975	0.000
183.0	16.074	36.141	26.609	9.073	239.0	14.266	35.854	26.792	0.000	300.0	12.067	35.513	26.976	0.000
185.0	16.032	36.133	26.613	9.078	240.0	14.236	35.852	26.796	0.000	301.0	12.056	35.511	26.976	0.000
186.0	16.011	36.130	26.616	9.080	241.0	14.197	35.846	26.801	0.000	301.0	12.038	35.503	26.973	0.000
188.0	15.821	36.102	26.638	9.077	242.0	14.340	35.864	26.783	0.000	303.0	12.012	35.503	26.978	0.000
189.0	15.782	36.098	26.643	9.072	243.0	14.117	35.825	26.801	0.000	304.0	11.982	35.499	26.980	0.000
190.0	15.749	36.092	26.647	9.075	244.0	14.036	35.820	26.814	0.000	305.0	11.959	35.496	26.983	0.000
192.0	15.708	36.083	26.649	9.079	245.0	14.010	35.816	26.817	0.000	306.0	11.952	35.494	26.983	0.000
193.0	15.654	36.076	26.656	9.080	246.0	13.986	35.809	26.817	0.000	307.0	11.928	35.489	26.984	0.000
194.0	15.612	36.077	26.666	9.079	247.0	13.945	35.798	26.817	0.000	308.0	11.853	35.479	26.990	0.000
195.0	15.602	36.069	26.662	9.072	248.0	13.932	35.807	26.826	0.000	309.0	11.813	35.475	26.995	0.000
196.0	15.586	36.067	26.664	9.076	249.0	14.198	35.840	26.796	0.000	310.0	11.821	35.474	26.992	0.000
197.0	15.565	36.063	26.666	9.078	250.0	13.963	35.796	26.812	0.000	311.0	11.781	35.469	26.996	0.000
198.0	15.542	36.060	26.669	9.079	251.0	13.856	35.792	26.831	0.000	312.0	11.746	35.463	26.998	0.000
199.0	15.525	36.056	26.670	9.079	252.0	13.830	35.789	26.834	0.000	313.0	11.700	35.456	27.002	0.000
200.0	15.511	36.054	26.671	9.078	254.0	13.793	35.779	26.834	0.000	314.0	11.660	35.452	27.005	0.000
201.0	15.503	36.053	26.672	0.000	255.0	13.742	35.772	26.839	0.000	315.0	11.639	35.449	27.008	0.000
202.0	15.479	36.049	26.675	0.000	256.0	13.895	35.794	26.824	0.000	316.0	11.633	35.448	27.008	0.000
203.0	15.462	36.047	26.677	0.000	257.0	13.741	35.765	26.834	0.000	317.0	11.627	35.446	27.007	0.000
204.0	15.441	36.044	26.679	0.000	258.0	13.548	35.744	26.858	0.000	318.0	11.618	35.444	27.008	0.000
205.0	15.429	36.042	26.681	0.000	259.0	13.500	35.737	26.862	0.000	319.0	11.609	35.442	27.008	0.000
206.0	15.408	36.038	26.682	0.000	260.0	13.433	35.724	26.867	0.000	320.0	11.599	35.441	27.009	0.000
207.0	15.371	36.033	26.687	0.000	261.0	13.375	35.721	26.876	0.000	321.0	11.590	35.439	27.009	0.000
208.0	15.354	36.029	26.688	0.000	262.0	13.359	35.718	26.877	0.000	322.0	11.578	35.438	27.010	0.000
209.0	15.344	36.028	26.689	0.000	263.0	13.353	35.746	26.857	0.000	323.0	11.573	35.437	27.010	0.000
210.0	15.338	36.027	26.690	0.000	264.0	13.517	35.724	26.849	0.000	324.0	11.565	35.435	27.010	0.000
211.0	15.330	36.026	26.691	0.000	265.0	13.288	35.704	26.881	0.000	325.0	11.539	35.432	27.013	0.000
212.0	15.327	36.032	26.685	0.000	266.0	13.267	35.701	26.882	0.000	326.0	11.524	35.429	27.013	0.000
213.0	15.427	36.032	26.673	0.000	267.0	13.258	35.699	26.883	0.000	327.0	11.511	35.428	27.015	0.000
214.0	15.230	36.005	26.697	0.000	268.0	13.249	35.696	26.883	0.000	328.0	11.503	35.427	27.016	0.000
215.0	15.207	36.006	26.703	0.000	269.0	13.181	35.683	26.886	0.000	329.0	11.497	35.426	27.016	0.000
216.0	15.180	36.000	26.704	0.000	270.0	13.062	35.669	26.899	0.000	330.0	11.489	35.424	27.016	0.000
219.0	15.069	35.989	26.720	0.000	271.0	13.105	35.677	26.897	0.000	331.0	11.450	35.418	27.018	0.000
220.0	15.253	36.011	26.697	0.000	272.0	12.992	35.656	26.904	0.000	332.0	11.474	35.420	27.016	0.000
221.0	15.052	35.968	26.708	0.000	273.0	12.944	35.647	26.907	0.000	333.0	11.387	35.407	27.022	0.000
222.0	14.858	35.951	26.738	0.000	274.0	12.921	35.646	26.910	0.000	334.0	11.341	35.402	27.027	0.000
223.0	14.833	35.948	26.741	0.000	275.0	12.907	35.643	26.910	0.000	335.0	11.303	35.397	27.030	0.000
225.0	14.807	35.942	26.742	0.000	276.0	12.866	35.636	26.913	0.000	336.0	11.272	35.392	27.032	0.000
226.0	14.803	35.956	26.753	0.000	277.0	12.817	35.628	26.917	0.000	337.0	11.259	35.388	27.034	0.000
227.0	14.898	35.951	26.729	0.000	278.0	12.771	35.625	26.925	0.000	338.0	11.301	35.398	27.031	0.000

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DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
339.0	11.228	35.381	27.031	0.000	397.0	9.884	35.197	27.126	0.000	452.0	8.980	35.085	27.188	0.000
340.0	11.170	35.377	27.039	0.000	398.0	9.871	35.195	27.127	0.000	453.0	9.003	35.077	27.179	0.000
341.0	11.154	35.375	27.040	0.000	399.0	9.935	35.197	27.118	0.000	454.0	8.922	35.076	27.191	0.000
342.0	11.136	35.373	27.042	0.000	400.0	9.861	35.193	27.127	0.000	455.0	8.903	35.075	27.193	0.000
343.0	11.119	35.370	27.043	0.000	401.0	9.854	35.192	27.127	0.000	456.0	8.887	35.072	27.193	0.000
344.0	11.112	35.369	27.043	0.000	402.0	9.870	35.182	27.117	0.000	458.0	8.854	35.068	27.195	0.000
345.0	11.136	35.372	27.041	0.000	403.0	9.819	35.188	27.130	0.000	459.0	8.859	35.068	27.195	0.000
346.0	11.128	35.364	27.036	0.000	404.0	9.796	35.185	27.131	0.000	460.0	8.842	35.066	27.196	0.000
347.0	11.081	35.364	27.045	0.000	405.0	9.770	35.181	27.133	0.000	461.0	8.821	35.065	27.198	0.000
348.0	11.073	35.362	27.045	0.000	406.0	9.753	35.179	27.134	0.000	462.0	8.792	35.062	27.200	0.000
349.0	11.046	35.358	27.047	0.000	407.0	9.743	35.177	27.135	0.000	463.0	8.752	35.058	27.204	0.000
350.0	11.003	35.359	27.055	0.000	408.0	9.723	35.175	27.136	0.000	464.0	8.721	35.054	27.206	0.000
356.0	10.895	35.352	27.054	0.000	412.0	9.650	35.163	27.142	0.000	465.0	8.701	35.053	27.208	0.000
357.0	10.728	35.314	27.070	0.000	413.0	9.615	35.161	27.144	0.000	466.0	8.691	35.053	27.209	0.000
358.0	10.708	35.312	27.072	0.000	414.0	9.593	35.158	27.145	0.000	467.0	8.716	35.053	27.206	0.000
359.0	10.743	35.316	27.069	0.000	416.0	9.532	35.153	27.151	0.000	468.0	8.631	35.045	27.213	0.000
360.0	10.712	35.308	27.069	0.000	417.0	9.520	35.150	27.151	0.000	469.0	8.611	35.043	27.214	0.000
361.0	10.588	35.295	27.080	0.000	418.0	9.500	35.148	27.152	0.000	470.0	8.596	35.042	27.216	0.000
362.0	10.557	35.291	27.083	0.000	419.0	9.497	35.147	27.153	0.000	471.0	8.578	35.040	27.217	0.000
363.0	10.546	35.289	27.083	0.000	420.0	9.496	35.147	27.153	0.000	472.0	8.562	35.039	27.219	0.000
364.0	10.540	35.287	27.083	0.000	421.0	9.492	35.147	27.153	0.000	473.0	8.612	35.041	27.213	0.000
365.0	10.527	35.286	27.084	0.000	422.0	9.491	35.145	27.152	0.000	474.0	8.531	35.033	27.219	0.000
366.0	10.508	35.282	27.084	0.000	423.0	9.487	35.145	27.152	0.000	475.0	8.512	35.033	27.221	0.000
367.0	10.483	35.279	27.086	0.000	424.0	9.502	35.151	27.154	0.000	476.0	8.479	35.031	27.225	0.000
368.0	10.455	35.277	27.090	0.000	425.0	9.451	35.139	27.154	0.000	477.0	8.493	35.026	27.219	0.000
369.0	10.541	35.280	27.077	0.000	426.0	9.446	35.139	27.155	0.000	478.0	8.466	35.029	27.225	0.000
370.0	10.364	35.261	27.094	0.000	427.0	9.444	35.139	27.155	0.000	479.0	8.458	35.027	27.225	0.000
371.0	10.303	35.255	27.099	0.000	428.0	9.440	35.138	27.155	0.000	480.0	8.450	35.026	27.226	0.000
372.0	10.289	35.255	27.102	0.000	429.0	9.425	35.136	27.156	0.000	481.0	8.438	35.024	27.226	0.000
373.0	10.295	35.258	27.103	0.000	430.0	9.400	35.134	27.158	0.000	482.0	8.429	35.023	27.227	0.000
374.0	10.255	35.248	27.102	0.000	432.0	9.374	35.129	27.159	0.000	483.0	8.411	35.027	27.233	0.000
375.0	10.237	35.246	27.104	0.000	433.0	9.339	35.125	27.162	0.000	484.0	8.401	35.028	27.229	0.000
376.0	10.290	35.255	27.101	0.000	434.0	9.315	35.122	27.163	0.000	485.0	8.389	35.019	27.230	0.000
377.0	10.258	35.241	27.096	0.000	435.0	9.281	35.118	27.165	0.000	486.0	8.374	35.017	27.231	0.000
378.0	10.147	35.234	27.110	0.000	436.0	9.251	35.116	27.168	0.000	487.0	8.361	35.016	27.232	0.000
379.0	10.129	35.232	27.112	0.000	437.0	9.247	35.102	27.158	0.000	488.0	8.351	35.014	27.232	0.000
380.0	10.127	35.231	27.111	0.000	438.0	9.221	35.111	27.170	0.000	489.0	8.338	35.000	27.223	0.000
381.0	10.121	35.230	27.111	0.000	439.0	9.197	35.108	27.171	0.000	490.0	8.318	35.012	27.235	0.000
382.0	10.118	35.229	27.111	0.000	440.0	9.186	35.105	27.170	0.000	491.0	8.301	35.010	27.236	0.000
384.0	10.184	35.235	27.104	0.000	441.0	9.178	35.107	27.173	0.000	492.0	8.288	35.009	27.238	0.000
385.0	10.118	35.226	27.109	0.000	442.0	9.154	35.103	27.174	0.000	493.0	8.274	35.007	27.239	0.000
386.0	10.103	35.225	27.110	0.000	443.0	9.140	35.100	27.175	0.000	494.0	8.266	35.008	27.240	0.000
387.0	10.070	35.221	27.113	0.000	444.0	9.108	35.096	27.177	0.000	503.0	8.230	35.103	27.321	0.000
388.0	10.026	35.215	27.116	0.000	445.0	9.096	35.096	27.178	0.000	507.0	8.317	35.289	27.453	0.000
390.0	9.997	35.211	27.117	0.000	446.0	9.085	35.097	27.181	0.000	508.0	8.111	34.989	27.249	0.000
391.0	9.978	35.209	27.120	0.000	447.0	9.075	35.093	27.179	0.000	509.0	8.040	34.983	27.255	0.000
392.0	9.972	35.208	27.120	0.000	448.0	9.057	35.091	27.180	0.000	510.0	8.020	34.983	27.258	0.000
393.0	9.947	35.204	27.121	0.000	449.0	9.023	35.088	27.183	0.000	513.0	7.993	34.981	27.260	0.000
394.0	9.921	35.204	27.126	0.000	450.0	9.000	35.085	27.185	0.000	514.0	7.989	34.981	27.261	0.000
396.0	9.903	35.200	27.125	0.000	451.0	8.987	35.082	27.185	0.000	515.0	8.032	34.982	27.255	0.000

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DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
516.0	7.991	34.979	27.259	0.000	580.0	7.179	34.915	27.328	0.000	635.0	6.668	34.895	27.382	0.000
517.0	7.973	34.978	27.261	0.000	581.0	7.172	34.915	27.327	0.000	636.0	6.689	34.894	27.378	0.000
519.0	7.963	34.978	27.262	0.000	582.0	7.165	34.914	27.328	0.000	637.0	6.686	34.893	27.378	0.000
520.0	7.950	34.976	27.263	0.000	583.0	7.147	34.913	27.330	0.000	638.0	6.655	34.894	27.383	0.000
521.0	7.926	34.974	27.265	0.000	584.0	7.128	34.913	27.333	0.000	639.0	6.649	34.894	27.383	0.000
522.0	7.991	34.981	27.260	0.000	585.0	7.120	34.912	27.333	0.000	641.0	6.636	34.894	27.386	0.000
523.0	7.935	34.972	27.262	0.000	586.0	7.108	34.906	27.330	0.000	642.0	6.624	34.893	27.386	0.000
524.0	7.896	34.982	27.276	0.000	587.0	7.103	34.911	27.335	0.000	643.0	6.629	34.893	27.386	0.000
525.0	7.864	34.969	27.270	0.000	588.0	7.092	34.910	27.336	0.000	644.0	6.674	34.892	27.378	0.000
526.0	7.837	34.967	27.273	0.000	589.0	7.083	34.911	27.337	0.000	645.0	6.602	34.892	27.389	0.000
527.0	7.813	34.965	27.275	0.000	590.0	7.091	34.910	27.336	0.000	646.0	6.595	34.892	27.389	0.000
528.0	7.801	34.962	27.274	0.000	591.0	7.069	34.909	27.338	0.000	647.0	6.585	34.892	27.391	0.000
529.0	7.829	34.961	27.269	0.000	592.0	7.085	34.910	27.336	0.000	648.0	6.578	34.892	27.392	0.000
530.0	7.854	34.966	27.269	0.000	593.0	7.024	34.908	27.343	0.000	649.0	6.573	34.893	27.393	0.000
531.0	7.783	34.961	27.276	0.000	594.0	7.021	34.908	27.344	0.000	650.0	6.573	34.892	27.393	0.000
532.0	7.755	34.959	27.278	0.000	595.0	7.015	34.907	27.344	0.000	651.0	6.570	34.892	27.392	0.000
533.0	7.743	34.958	27.279	0.000	596.0	7.009	34.908	27.345	0.000	652.0	6.566	34.892	27.393	0.000
534.0	7.714	34.955	27.282	0.000	597.0	7.021	34.908	27.344	0.000	653.0	6.561	34.893	27.394	0.000
535.0	7.698	34.954	27.283	0.000	598.0	7.048	34.906	27.338	0.000	654.0	6.554	34.891	27.394	0.000
549.0	7.462	34.934	27.302	0.000	599.0	7.002	34.907	27.346	0.000	655.0	6.544	34.890	27.395	0.000
550.0	7.432	34.934	27.306	0.000	600.0	6.990	34.906	27.347	0.000	656.0	6.526	34.890	27.397	0.000
551.0	7.417	34.933	27.308	0.000	603.0	6.974	34.909	27.351	0.000	657.0	6.517	34.890	27.399	0.000
552.0	7.419	34.933	27.307	0.000	604.0	6.959	34.908	27.353	0.000	658.0	6.506	34.890	27.400	0.000
553.0	7.403	34.938	27.313	0.000	605.0	7.009	34.907	27.345	0.000	659.0	6.496	34.891	27.402	0.000
554.0	7.392	34.931	27.310	0.000	606.0	6.975	34.905	27.347	0.000	660.0	6.498	34.891	27.401	0.000
555.0	7.389	34.931	27.310	0.000	608.0	6.900	34.906	27.359	0.000	661.0	6.515	34.889	27.398	0.000
556.0	7.384	34.930	27.310	0.000	609.0	6.898	34.906	27.359	0.000	662.0	6.479	34.889	27.403	0.000
557.0	7.381	34.929	27.310	0.000	610.0	6.889	34.905	27.360	0.000	663.0	6.467	34.890	27.405	0.000
558.0	7.363	34.929	27.312	0.000	611.0	6.865	34.903	27.362	0.000	664.0	6.465	34.890	27.405	0.000
559.0	7.355	34.928	27.312	0.000	612.0	6.927	34.905	27.354	0.000	665.0	6.463	34.890	27.406	0.000
560.0	7.351	34.926	27.311	0.000	613.0	6.918	34.901	27.353	0.000	666.0	6.459	34.889	27.405	0.000
561.0	7.321	34.924	27.314	0.000	614.0	6.849	34.902	27.363	0.000	667.0	6.465	34.889	27.405	0.000
562.0	7.294	34.924	27.318	0.000	615.0	6.832	34.900	27.364	0.000	668.0	6.453	34.888	27.405	0.000
563.0	7.292	34.923	27.318	0.000	616.0	6.821	34.901	27.366	0.000	669.0	6.430	34.889	27.409	0.000
564.0	7.290	34.926	27.320	0.000	617.0	6.809	34.901	27.367	0.000	670.0	6.423	34.888	27.409	0.000
565.0	7.284	34.923	27.318	0.000	618.0	6.814	34.903	27.369	0.000	671.0	6.411	34.890	27.412	0.000
566.0	7.278	34.922	27.319	0.000	619.0	6.829	34.899	27.363	0.000	672.0	6.407	34.890	27.413	0.000
567.0	7.273	34.921	27.318	0.000	620.0	6.826	34.896	27.362	0.000	673.0	6.404	34.886	27.410	0.000
568.0	7.248	34.920	27.321	0.000	621.0	6.769	34.899	27.371	0.000	674.0	6.398	34.888	27.413	0.000
569.0	7.232	34.919	27.323	0.000	622.0	6.763	34.898	27.371	0.000	675.0	6.378	34.888	27.416	0.000
570.0	7.224	34.918	27.323	0.000	623.0	6.757	34.898	27.372	0.000	676.0	6.374	34.888	27.416	0.000
571.0	7.215	34.918	27.325	0.000	624.0	6.744	34.897	27.373	0.000	677.0	6.372	34.889	27.417	0.000
572.0	7.208	34.918	27.325	0.000	625.0	6.740	34.897	27.374	0.000	678.0	6.367	34.888	27.417	0.000
573.0	7.205	34.918	27.326	0.000	626.0	6.735	34.897	27.374	0.000	679.0	6.361	34.888	27.417	0.000
574.0	7.201	34.917	27.325	0.000	628.0	6.722	34.896	27.376	0.000	680.0	6.365	34.887	27.416	0.000
575.0	7.193	34.918	27.328	0.000	629.0	6.741	34.896	27.373	0.000	681.0	6.333	34.887	27.421	0.000
576.0	7.197	34.916	27.325	0.000	630.0	6.734	34.895	27.373	0.000	682.0	6.324	34.888	27.423	0.000
577.0	7.190	34.916	27.327	0.000	631.0	6.719	34.893	27.373	0.000	683.0	6.323	34.888	27.423	0.000
578.0	7.185	34.916	27.327	0.000	632.0	6.710	34.894	27.376	0.000	684.0	6.321	34.888	27.423	0.000
579.0	7.184	34.915	27.326	0.000	633.0	6.727	34.907	27.384	0.000	685.0	6.320	34.888	27.423	0.000

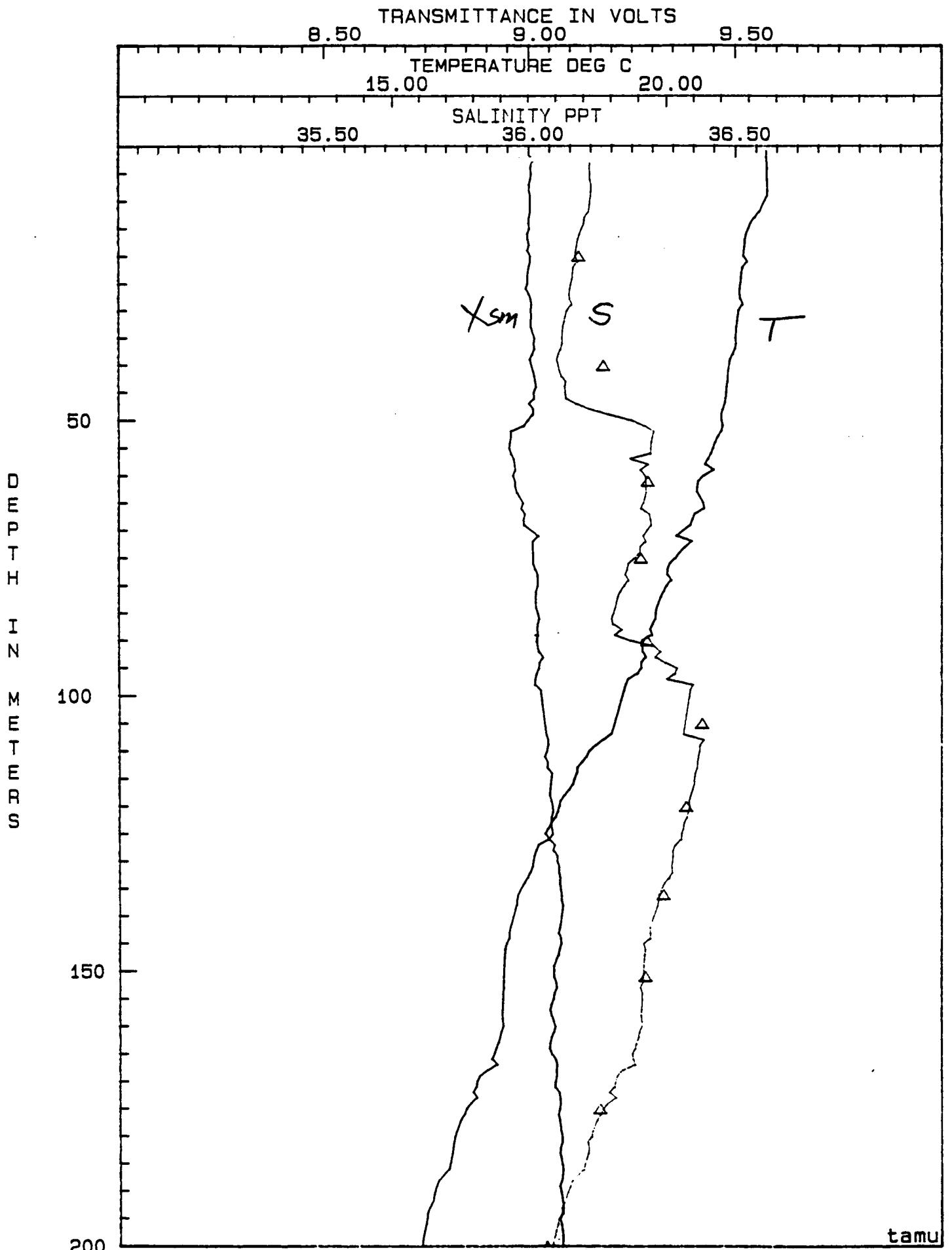
STATION SBE043.AVG:: CRUISE 91G02 DATE & TIME Fri Mar 08 10:56:35 1991, Julian day = 67  
 LAT 27 U2.62 LON 94 54.62 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
686.0	6.326	34.888	27.422	0.000	736.0	5.989	34.886	27.464	0.000	786.0	5.689	34.893	27.507	0.000
687.0	6.324	34.885	27.420	0.000	737.0	5.979	34.887	27.467	0.000	787.0	5.686	34.892	27.507	0.000
688.0	6.294	34.887	27.426	0.000	738.0	5.977	34.887	27.467	0.000	788.0	5.682	34.893	27.508	0.000
689.0	6.286	34.887	27.427	0.000	739.0	5.972	34.886	27.467	0.000	789.0	5.676	34.892	27.509	0.000
690.0	6.278	34.888	27.429	0.000	740.0	5.960	34.887	27.469	0.000	790.0	5.669	34.893	27.510	0.000
691.0	6.273	34.887	27.429	0.000	741.0	5.955	34.887	27.469	0.000	791.0	5.658	34.893	27.511	0.000
692.0	6.268	34.887	27.429	0.000	742.0	5.970	34.886	27.467	0.000	792.0	5.647	34.893	27.513	0.000
693.0	6.285	34.886	27.426	0.000	743.0	5.964	34.886	27.467	0.000	793.0	5.640	34.894	27.514	0.000
694.0	6.254	34.886	27.430	0.000	744.0	5.940	34.887	27.471	0.000	794.0	5.636	34.894	27.515	0.000
695.0	6.243	34.886	27.431	0.000	745.0	5.935	34.888	27.473	0.000	795.0	5.628	34.895	27.516	0.000
696.0	6.229	34.887	27.434	0.000	746.0	5.933	34.888	27.473	0.000	796.0	5.641	34.893	27.513	0.000
697.0	6.224	34.888	27.435	0.000	747.0	5.934	34.887	27.472	0.000	797.0	5.615	34.894	27.518	0.000
698.0	6.221	34.886	27.434	0.000	748.0	5.928	34.887	27.473	0.000	798.0	5.610	34.894	27.518	0.000
699.0	6.219	34.887	27.435	0.000	749.0	5.917	34.888	27.475	0.000	799.0	5.608	34.894	27.519	0.000
700.0	6.213	34.886	27.435	0.000	750.0	5.966	34.885	27.467	0.000	800.0	5.605	34.895	27.520	0.000
701.0	6.205	34.886	27.437	0.000	751.0	5.911	34.886	27.474	0.000	801.0	5.603	34.895	27.520	0.000
702.0	6.199	34.886	27.437	0.000	752.0	5.890	34.888	27.479	0.000	802.0	5.603	34.894	27.519	0.000
703.0	6.194	34.886	27.438	0.000	753.0	5.879	34.889	27.481	0.000	803.0	5.600	34.893	27.519	0.000
704.0	6.187	34.887	27.439	0.000	754.0	5.876	34.889	27.481	0.000	804.0	5.594	34.895	27.521	0.000
705.0	6.183	34.886	27.439	0.000	755.0	5.872	34.890	27.482	0.000	805.0	5.593	34.895	27.521	0.000
706.0	6.177	34.886	27.440	0.000	756.0	5.872	34.888	27.481	0.000	806.0	5.593	34.895	27.521	0.000
707.0	6.177	34.886	27.440	0.000	757.0	5.914	34.887	27.475	0.000	807.0	5.591	34.895	27.521	0.000
708.0	6.181	34.884	27.438	0.000	758.0	5.877	34.887	27.479	0.000	808.0	5.591	34.894	27.521	0.000
709.0	6.138	34.886	27.445	0.000	759.0	5.866	34.889	27.483	0.000	809.0	5.589	34.895	27.522	0.000
710.0	6.123	34.887	27.448	0.000	760.0	5.859	34.889	27.484	0.000	810.0	5.587	34.895	27.521	0.000
711.0	6.115	34.887	27.449	0.000	761.0	5.844	34.890	27.486	0.000	811.0	5.589	34.895	27.521	0.000
712.0	6.106	34.887	27.450	0.000	762.0	5.837	34.890	27.487	0.000	812.0	5.589	34.894	27.521	0.000
713.0	6.091	34.887	27.452	0.000	763.0	5.834	34.890	27.487	0.000	813.0	5.577	34.894	27.523	0.000
714.0	6.115	34.887	27.449	0.000	764.0	5.897	34.887	27.477	0.000	814.0	5.573	34.896	27.524	0.000
715.0	6.103	34.884	27.448	0.000	765.0	5.839	34.888	27.485	0.000	815.0	5.566	34.895	27.525	0.000
716.0	6.075	34.887	27.454	0.000	766.0	5.817	34.890	27.490	0.000	816.0	5.561	34.896	27.526	0.000
717.0	6.072	34.887	27.455	0.000	767.0	5.803	34.890	27.491	0.000	817.0	5.557	34.896	27.526	0.000
718.0	6.069	34.888	27.455	0.000	768.0	5.794	34.891	27.493	0.000	818.0	5.557	34.895	27.526	0.000
719.0	6.065	34.886	27.455	0.000	769.0	5.788	34.891	27.494	0.000	819.0	5.570	34.894	27.523	0.000
720.0	6.055	34.887	27.457	0.000	770.0	5.794	34.891	27.493	0.000	820.0	5.552	34.895	27.526	0.000
721.0	6.082	34.885	27.452	0.000	771.0	5.838	34.886	27.484	0.000	821.0	5.548	34.895	27.527	0.000
722.0	6.057	34.886	27.455	0.000	772.0	5.768	34.890	27.495	0.000	822.0	5.547	34.895	27.527	0.000
723.0	6.047	34.887	27.458	0.000	773.0	5.752	34.891	27.499	0.000	823.0	5.541	34.896	27.528	0.000
724.0	6.044	34.887	27.458	0.000	774.0	5.741	34.891	27.500	0.000	824.0	5.533	34.897	27.530	0.000
725.0	6.031	34.888	27.461	0.000	775.0	5.732	34.892	27.501	0.000	825.0	5.528	34.896	27.530	0.000
726.0	6.026	34.888	27.461	0.000	776.0	5.726	34.892	27.502	0.000	826.0	5.539	34.896	27.528	0.000
727.0	6.024	34.888	27.461	0.000	777.0	5.719	34.892	27.503	0.000	827.0	5.532	34.894	27.528	0.000
728.0	6.056	34.886	27.456	0.000	778.0	5.716	34.892	27.503	0.000	828.0	5.512	34.896	27.532	0.000
729.0	6.025	34.886	27.459	0.000	779.0	5.717	34.892	27.504	0.000	829.0	5.507	34.897	27.533	0.000
730.0	6.002	34.887	27.463	0.000	780.0	5.715	34.892	27.504	0.000	830.0	5.506	34.897	27.533	0.000
731.0	5.996	34.887	27.465	0.000	781.0	5.712	34.892	27.504	0.000	831.0	5.504	34.898	27.534	0.000
732.0	5.993	34.887	27.465	0.000	782.0	5.707	34.892	27.505	0.000	832.0	5.499	34.898	27.535	0.000
733.0	5.992	34.887	27.465	0.000	783.0	5.704	34.892	27.505	0.000	833.0	5.493	34.898	27.535	0.000
734.0	5.991	34.887	27.465	0.000	784.0	5.697	34.892	27.506	0.000	834.0	5.512	34.896	27.532	0.000
735.0	6.000	34.886	27.463	0.000	785.0	5.693	34.893	27.502	0.000	835.0	5.489	34.897	27.535	0.000

STATION SHE043.AUG:: CRUISE 91G02 DATE & TIME Fri Mar 08 10:56:35 1991, Julian day = 67  
 LAT 27 02.62 LON 94 54.62 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
836.0	5.484	34.897	27.536	0.000	886.0	5.274	34.905	27.568	0.000	936.0	5.125	34.910	27.590	0.000
837.0	5.479	34.898	27.537	0.000	887.0	5.269	34.905	27.568	0.000	937.0	5.102	34.912	27.594	0.000
838.0	5.477	34.898	27.538	0.000	888.0	5.266	34.906	27.569	0.000	938.0	5.100	34.913	27.594	0.000
839.0	5.475	34.898	27.538	0.000	889.0	5.264	34.905	27.569	0.000	939.0	5.099	34.912	27.594	0.000
840.0	5.470	34.898	27.539	0.000	890.0	5.258	34.905	27.570	0.000	940.0	5.095	34.914	27.596	0.000
841.0	5.468	34.898	27.539	0.000	891.0	5.255	34.905	27.570	0.000	941.0	5.094	34.913	27.595	0.000
842.0	5.466	34.898	27.539	0.000	892.0	5.246	34.906	27.572	0.000	942.0	5.092	34.913	27.596	0.000
843.0	5.462	34.898	27.540	0.000	893.0	5.238	34.907	27.573	0.000	943.0	5.108	34.910	27.592	0.000
844.0	5.455	34.899	27.541	0.000	894.0	5.234	34.906	27.573	0.000	944.0	5.085	34.912	27.596	0.000
845.0	5.452	34.898	27.541	0.000	895.0	5.226	34.907	27.575	0.000	945.0	5.077	34.913	27.598	0.000
846.0	5.451	34.898	27.541	0.000	896.0	5.222	34.907	27.575	0.000	946.0	5.074	34.914	27.598	0.000
847.0	5.452	34.897	27.540	0.000	897.0	5.217	34.907	27.576	0.000	947.0	5.071	34.915	27.600	0.000
848.0	5.446	34.898	27.542	0.000	898.0	5.214	34.907	27.576	0.000	948.0	5.070	34.913	27.599	0.000
849.0	5.441	34.898	27.542	0.000	899.0	5.209	34.908	27.578	0.000	949.0	5.072	34.914	27.599	0.000
850.0	5.433	34.899	27.544	0.000	900.0	5.207	34.908	27.578	0.000	950.0	5.089	34.911	27.595	0.000
851.0	5.428	34.898	27.544	0.000	901.0	5.203	34.908	27.578	0.000	951.0	5.066	34.913	27.599	0.000
852.0	5.424	34.899	27.545	0.000	902.0	5.201	34.907	27.578	0.000	952.0	5.062	34.914	27.600	0.000
853.0	5.426	34.898	27.544	0.000	903.0	5.199	34.908	27.579	0.000	953.0	5.058	34.914	27.601	0.000
854.0	5.416	34.899	27.546	0.000	904.0	5.198	34.908	27.579	0.000	954.0	5.056	34.915	27.601	0.000
855.0	5.413	34.900	27.547	0.000	905.0	5.193	34.909	27.580	0.000	955.0	5.055	34.914	27.601	0.000
856.0	5.407	34.901	27.548	0.000	906.0	5.191	34.908	27.581	0.000	956.0	5.057	34.914	27.601	0.000
857.0	5.404	34.901	27.549	0.000	907.0	5.186	34.909	27.581	0.000	957.0	5.050	34.913	27.601	0.000
858.0	5.397	34.901	27.550	0.000	908.0	5.184	34.908	27.581	0.000	958.0	5.042	34.914	27.603	0.000
859.0	5.396	34.901	27.550	0.000	909.0	5.180	34.909	27.582	0.000	959.0	5.035	34.915	27.604	0.000
860.0	5.428	34.898	27.544	0.000	910.0	5.177	34.909	27.583	0.000	960.0	5.029	34.916	27.605	0.000
861.0	5.395	34.899	27.549	0.000	911.0	5.174	34.909	27.583	0.000	961.0	5.028	34.915	27.605	0.000
862.0	5.388	34.901	27.551	0.000	912.0	5.171	34.909	27.583	0.000	962.0	5.026	34.915	27.605	0.000
863.0	5.381	34.901	27.552	0.000	913.0	5.166	34.909	27.584	0.000	963.0	5.025	34.915	27.606	0.000
864.0	5.373	34.902	27.554	0.000	914.0	5.190	34.907	27.579	0.000	964.0	5.022	34.916	27.606	0.000
865.0	5.368	34.903	27.554	0.000	915.0	5.160	34.909	27.585	0.000	965.0	5.010	34.916	27.608	0.000
866.0	5.363	34.901	27.554	0.000	916.0	5.156	34.911	27.586	0.000	966.0	5.005	34.917	27.609	0.000
867.0	5.377	34.901	27.552	0.000	917.0	5.154	34.911	27.587	0.000	967.0	5.002	34.916	27.609	0.000
868.0	5.364	34.900	27.553	0.000	918.0	5.153	34.910	27.587	0.000	968.0	4.997	34.917	27.610	0.000
869.0	5.350	34.904	27.557	0.000	919.0	5.152	34.910	27.586	0.000	969.0	4.995	34.917	27.611	0.000
870.0	5.346	34.903	27.558	0.000	920.0	5.151	34.910	27.586	0.000	970.0	4.993	34.916	27.610	0.000
871.0	5.341	34.904	27.559	0.000	921.0	5.146	34.908	27.582	0.000	971.0	4.992	34.917	27.611	0.000
872.0	5.335	34.904	27.560	0.000	922.0	5.142	34.910	27.588	0.000	972.0	4.990	34.917	27.611	0.000
873.0	5.330	34.903	27.560	0.000	923.0	5.138	34.911	27.588	0.000	973.0	4.981	34.918	27.613	0.000
874.0	5.346	34.902	27.557	0.000	924.0	5.136	34.911	27.589	0.000	974.0	4.979	34.918	27.613	0.000
875.0	5.332	34.902	27.558	0.000	925.0	5.137	34.910	27.588	0.000	975.0	4.976	34.919	27.614	0.000
876.0	5.313	34.904	27.563	0.000	926.0	5.135	34.910	27.589	0.000	976.0	4.972	34.920	27.615	0.000
877.0	5.309	34.905	27.563	0.000	927.0	5.125	34.911	27.590	0.000	977.0	4.972	34.918	27.614	0.000
878.0	5.305	34.905	27.564	0.000	928.0	5.133	34.911	27.589	0.000	978.0	4.969	34.917	27.613	0.000
879.0	5.302	34.904	27.564	0.000	929.0	5.121	34.911	27.590	0.000	979.0	4.967	34.917	27.614	0.000
880.0	5.300	34.904	27.564	0.000	930.0	5.114	34.912	27.592	0.000	980.0	4.964	34.918	27.615	0.000
881.0	5.295	34.906	27.566	0.000	931.0	5.111	34.912	27.593	0.000	981.0	4.963	34.919	27.615	0.000
882.0	5.291	34.905	27.566	0.000	932.0	5.110	34.912	27.593	0.000	982.0	4.958	34.919	27.616	0.000
883.0	5.287	34.904	27.565	0.000	933.0	5.106	34.912	27.594	0.000	983.0	4.958	34.919	27.616	0.000
884.0	5.283	34.905	27.567	0.000	934.0	5.104	34.913	27.594	0.000	984.0	4.960	34.917	27.615	0.000
885.0	5.281	34.904	27.566	0.000	935.0	5.103	34.912	27.594	0.000	985.0	4.950	34.919	27.617	0.000





CRUISE: 91G02 STATION: SBE043.A DATE: Mar 08 10:56:35 1991  
 LATITUDE: 27 02.62 LONGITUDE: 94 54.62  
 TRIANGLES DENOTE DISCRETE SAMPLES

tamu

STATION SBE044.AUG:: CRUISE 91g02 DATE & TIME Fri Mar 08 18:49:15 1991, Julian day = 67  
 LAT 27 02.63 N LON 94 56.77 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
2.0	21.796	<del>36.178</del>	<del>25.172</del>	<del>7.771</del>	53.0	21.117	36.161	25.348	9.012	112.0	18.768	36.425	26.171	9.046
3.0	21.795	<del>36.183</del>	<del>25.176</del>	<del>8.796</del>	54.0	21.015	36.202	25.407	9.009	113.0	18.665	36.421	26.195	9.050
4.0	21.796	36.185	25.177	8.980	55.0	20.968	36.230	25.441	9.001	114.0	18.591	36.422	26.214	9.050
5.0	21.796	36.184	25.177	8.942	56.0	20.914	36.267	25.484	8.971	115.0	18.569	36.419	26.218	9.049
6.0	21.796	36.185	25.177	8.983	57.0	20.851	36.303	25.528	8.999	116.0	18.536	36.389	26.202	9.047
7.0	21.792	36.184	25.177	8.986	58.0	20.827	36.310	25.540	8.991	117.0	18.402	36.412	26.254	9.041
8.0	21.790	36.183	25.178	8.980	59.0	20.727	36.306	25.564	9.006	118.0	18.309	36.412	26.278	9.048
9.0	21.789	36.183	25.178	8.983	60.0	20.717	36.307	25.568	8.996	119.0	18.249	36.411	26.292	9.055
10.0	21.784	36.183	25.179	8.984	61.0	20.704	36.307	25.572	8.991	120.0	18.280	36.406	26.281	9.059
11.0	21.783	36.183	25.179	8.980	62.0	20.680	36.304	25.575	8.986	126.0	17.767	36.359	26.373	9.058
12.0	21.784	36.183	25.180	8.983	63.0	20.669	36.304	25.579	8.978	127.0	17.724	36.359	26.383	9.057
13.0	21.784	36.183	25.179	8.984	64.0	20.664	36.307	25.583	8.979	128.0	17.693	36.357	26.389	9.056
14.0	21.787	36.183	25.179	8.978	65.0	20.658	36.306	25.583	8.984	129.0	17.660	36.354	26.395	9.061
15.0	21.785	36.183	25.179	8.984	66.0	20.647	36.304	25.585	8.985	130.0	17.643	36.352	26.397	9.068
16.0	21.784	36.183	25.179	8.982	67.0	20.612	36.298	25.589	8.983	131.0	17.627	36.349	26.399	9.067
17.0	21.782	36.183	25.180	8.978	68.0	20.589	36.293	25.592	8.986	132.0	17.617	36.338	26.393	9.067
18.0	21.785	36.183	25.179	8.984	69.0	20.579	36.295	25.596	8.987	133.0	17.572	36.343	26.408	9.056
19.0	21.785	36.183	25.179	8.977	70.0	20.574	36.298	25.600	8.945	136.0	17.508	36.338	26.420	9.060
21.0	21.783	36.183	25.180	8.981	71.0	20.577	36.296	25.597	8.992	137.0	17.489	36.334	26.422	9.060
22.0	21.783	36.183	25.179	8.984	72.0	20.505	36.285	25.608	8.989	138.0	17.471	36.331	26.424	9.062
23.0	21.782	36.183	25.180	8.981	73.0	20.482	36.287	25.616	8.993	139.0	17.428	36.325	26.429	9.071
24.0	21.784	36.183	25.179	8.979	74.0	20.463	36.285	25.619	8.997	140.0	17.409	36.323	26.432	9.071
25.0	21.784	36.182	25.179	8.976	75.0	20.444	36.283	25.623	8.996	141.0	17.394	36.321	26.434	9.064
26.0	21.783	36.183	25.179	8.979	76.0	20.405	36.275	25.628	9.010	142.0	17.364	36.317	26.438	9.063
27.0	21.778	36.181	25.179	8.986	77.0	20.379	36.270	25.631	9.015	143.0	17.306	36.311	26.448	9.066
28.0	21.781	36.182	25.180	8.977	78.0	20.315	36.261	25.641	9.010	144.0	17.284	36.310	26.453	9.073
29.0	21.777	36.182	25.181	8.974	79.0	20.232	36.247	25.653	9.012	145.0	17.277	36.306	26.451	9.075
30.0	21.768	36.182	25.183	8.990	80.0	20.140	36.242	25.674	9.009	146.0	17.256	36.303	26.455	9.072
31.0	21.767	36.182	25.183	8.977	81.0	20.090	36.240	25.685	9.014	147.0	17.251	36.303	26.456	9.066
32.0	21.776	36.182	25.181	8.983	88.0	19.920	36.258	25.744	9.026	148.0	17.238	36.301	26.457	9.064
33.0	21.768	36.182	25.183	8.971	89.0	19.869	36.256	25.756	9.019	149.0	17.186	36.294	26.464	9.062
34.0	21.775	36.182	25.181	8.981	90.0	19.785	36.246	25.771	9.015	150.0	17.138	36.290	26.472	9.058
35.0	21.783	36.183	25.179	8.984	91.0	19.731	36.243	25.782	9.018	152.0	17.102	36.284	26.477	9.065
36.0	21.786	36.183	25.178	8.981	92.0	19.696	36.239	25.789	9.019	153.0	17.067	36.278	26.481	9.064
37.0	21.764	36.181	25.183	8.987	93.0	19.642	36.230	25.797	9.020	154.0	17.036	36.275	26.486	9.060
38.0	21.759	36.179	25.184	8.981	94.0	19.542	36.230	25.823	9.015	155.0	17.011	36.273	26.490	9.052
39.0	21.747	36.179	25.187	8.983	95.0	19.558	36.240	25.825	9.018	156.0	16.997	36.273	26.493	9.053
40.0	21.740	36.177	25.187	8.988	96.0	19.540	36.261	25.847	9.017	157.0	16.992	36.272	26.494	9.050
41.0	21.710	36.182	25.199	8.990	97.0	19.384	36.246	25.876	9.016	158.0	16.989	36.271	26.494	9.060
42.0	21.698	36.173	25.195	8.988	98.0	19.280	36.260	25.914	9.026	159.0	16.981	36.269	26.494	9.062
43.0	21.690	36.172	25.197	8.990	99.0	19.280	36.255	25.909	9.019	160.0	16.961	36.266	26.497	9.063
44.0	21.653	36.167	25.204	8.988	100.0	19.238	36.256	25.921	9.018	162.0	16.957	36.265	26.497	9.060
45.0	21.618	36.168	25.215	8.999	101.0	19.183	36.268	25.945	9.017	163.0	16.950	36.264	26.498	9.058
46.0	21.585	36.161	25.218	9.005	102.0	19.090	36.277	25.976	9.020	164.0	16.868	36.254	26.510	9.074
47.0	21.508	36.151	25.232	9.004	103.0	19.035	36.291	26.001	9.019	165.0	16.802	36.251	26.524	9.082
48.0	21.456	36.145	25.241	9.005	104.0	19.024	36.296	26.007	9.021	166.0	16.809	36.253	26.523	9.087
49.0	21.374	36.133	25.255	9.008	107.0	19.020	36.354	26.052	9.025	167.0	16.735	36.242	26.532	9.090
50.0	21.270	36.130	25.282	9.003	108.0	18.969	36.352	26.064	9.020	168.0	16.703	36.238	26.537	9.094
51.0	21.237	36.131	25.292	9.006	109.0	18.978	36.403	26.101	9.025	169.0	16.677	36.234	26.540	9.094
52.0	21.206	36.135	25.303	9.006	111.0	18.811	36.412	26.151	9.038	170.0	16.613	36.220	26.544	9.095



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DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
171.0	16.473	36.200	26.562	9.092	223.0	14.407	35.876	26.778	0.000	281.0	12.604	35.593	26.932	0.000
172.0	16.418	36.195	26.571	9.090	224.0	14.388	35.874	26.781	0.000	282.0	12.573	35.589	26.935	0.000
173.0	16.391	36.190	26.573	9.092	225.0	14.376	35.871	26.781	0.000	283.0	12.558	35.586	26.936	0.000
174.0	16.327	36.181	26.582	9.094	226.0	14.356	35.866	26.782	0.000	284.0	12.524	35.579	26.938	0.000
175.0	16.293	36.173	26.583	9.098	227.0	14.354	35.865	26.781	0.000	285.0	12.496	35.576	26.941	0.000
177.0	16.229	36.160	26.588	9.090	228.0	14.336	35.863	26.783	0.000	286.0	12.475	35.572	26.942	0.000
178.0	16.185	36.157	26.596	9.088	229.0	14.308	35.857	26.785	0.000	287.0	12.454	35.568	26.943	0.000
180.0	16.113	36.145	26.604	9.080	230.0	14.257	35.851	26.791	0.000	288.0	12.427	35.566	26.947	0.000
181.0	16.099	36.145	26.606	9.083	231.0	14.215	35.846	26.797	0.000	289.0	12.414	35.562	26.946	0.000
182.0	16.155	36.149	26.597	9.103	235.0	14.087	35.823	26.805	0.000	290.0	12.396	35.560	26.948	0.000
183.0	16.027	36.127	26.610	9.088	241.0	13.892	35.793	26.824	0.000	291.0	12.376	35.557	26.949	0.000
184.0	15.995	36.124	26.615	9.087	242.0	13.869	35.790	26.826	0.000	292.0	12.351	35.551	26.950	0.000
185.0	15.965	36.119	26.618	9.087	243.0	13.844	35.785	26.827	0.000	293.0	12.298	35.543	26.954	0.000
186.0	16.012	36.128	26.614	9.089	244.0	13.842	35.785	26.828	0.000	294.0	12.256	35.539	26.959	0.000
187.0	15.856	36.104	26.632	9.089	245.0	13.786	35.776	26.833	0.000	295.0	12.221	35.534	26.962	0.000
188.0	15.870	36.105	26.629	9.092	246.0	13.776	35.773	26.833	0.000	296.0	12.166	35.525	26.966	0.000
189.0	15.736	36.081	26.641	9.089	247.0	13.741	35.769	26.837	0.000	297.0	12.142	35.521	26.967	0.000
190.0	15.686	36.076	26.649	9.090	248.0	13.727	35.767	26.838	0.000	298.0	12.115	35.518	26.969	0.000
191.0	15.662	36.073	26.652	9.092	249.0	13.695	35.760	26.840	0.000	299.0	12.102	35.516	26.971	0.000
192.0	15.628	36.067	26.655	9.092	250.0	13.688	35.759	26.841	0.000	300.0	12.093	35.513	26.971	0.000
193.0	15.596	36.061	26.658	9.095	251.0	13.667	35.756	26.843	0.000	301.0	12.064	35.510	26.974	0.000
194.0	15.477	36.043	26.670	9.094	252.0	13.644	35.752	26.844	0.000	302.0	12.045	35.507	26.975	0.000
195.0	15.408	36.026	26.673	9.096	253.0	13.583	35.743	26.849	0.000	303.0	11.953	35.493	26.982	0.000
196.0	15.306	36.016	26.688	9.068	254.0	13.532	35.735	26.854	0.000	304.0	11.922	35.488	26.984	0.000
197.0	15.275	36.011	26.691	9.089	255.0	13.509	35.732	26.857	0.000	305.0	11.881	35.481	26.987	0.000
198.0	15.212	36.002	26.698	9.092	256.0	13.494	35.730	26.858	0.000	306.0	11.857	35.479	26.989	0.000
199.0	15.187	36.000	26.703	9.098	257.0	13.487	35.728	26.858	0.000	307.0	11.814	35.472	26.992	0.000
200.0	15.171	35.994	26.702	9.100	258.0	13.473	35.725	26.859	0.000	308.0	11.771	35.468	26.997	0.000
201.0	15.147	35.989	26.703	0.000	259.0	13.450	35.723	26.861	0.000	309.0	11.746	35.463	26.998	0.000
202.0	15.116	35.985	26.707	0.000	260.0	13.435	35.720	26.863	0.000	310.0	11.735	35.461	26.998	0.000
203.0	15.095	35.982	26.709	0.000	261.0	13.420	35.719	26.865	0.000	311.0	11.720	35.457	26.998	0.000
204.0	15.088	35.981	26.710	0.000	262.0	13.422	35.718	26.864	0.000	312.0	11.696	35.454	27.000	0.000
205.0	15.066	35.977	26.711	0.000	263.0	13.380	35.709	26.865	0.000	313.0	11.681	35.452	27.002	0.000
206.0	15.049	35.976	26.715	0.000	264.0	13.331	35.705	26.873	0.000	314.0	11.659	35.447	27.002	0.000
207.0	15.034	35.973	26.716	0.000	265.0	13.265	35.691	26.876	0.000	315.0	11.621	35.442	27.005	0.000
208.0	14.999	35.965	26.718	0.000	266.0	13.211	35.688	26.884	0.000	316.0	11.609	35.442	27.008	0.000
209.0	14.915	35.954	26.727	0.000	267.0	13.184	35.683	26.885	0.000	317.0	11.603	35.441	27.008	0.000
210.0	14.865	35.947	26.733	0.000	268.0	13.129	35.672	26.888	0.000	318.0	11.603	35.441	27.008	0.000
211.0	14.843	35.945	26.736	0.000	269.0	13.093	35.667	26.892	0.000	319.0	11.592	35.439	27.008	0.000
212.0	14.817	35.942	26.739	0.000	270.0	13.080	35.664	26.892	0.000	320.0	11.576	35.436	27.009	0.000
213.0	14.781	35.933	26.741	0.000	271.0	13.041	35.658	26.896	0.000	321.0	11.571	35.435	27.010	0.000
214.0	14.729	35.924	26.745	0.000	272.0	13.024	35.656	26.897	0.000	322.0	11.555	35.432	27.010	0.000
215.0	14.678	35.918	26.751	0.000	273.0	13.006	35.654	26.899	0.000	323.0	11.536	35.430	27.012	0.000
216.0	14.650	35.914	26.755	0.000	274.0	12.981	35.649	26.900	0.000	324.0	11.524	35.429	27.013	0.000
217.0	14.625	35.911	26.758	0.000	275.0	12.939	35.640	26.902	0.000	325.0	11.517	35.428	27.014	0.000
218.0	14.600	35.906	26.760	0.000	276.0	12.871	35.632	26.910	0.000	326.0	11.517	35.426	27.012	0.000
219.0	14.577	35.902	26.762	0.000	277.0	12.805	35.623	26.916	0.000	327.0	11.490	35.422	27.014	0.000
220.0	14.556	35.898	26.763	0.000	278.0	12.777	35.620	26.919	0.000	328.0	11.456	35.418	27.018	0.000
221.0	14.523	35.890	26.764	0.000	279.0	12.717	35.609	26.922	0.000	329.0	11.428	35.413	27.019	0.000
222.0	14.464	35.884	26.772	0.000	280.0	12.665	35.602	26.927	0.000	330.0	11.379	35.407	27.023	0.000

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DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
331.0	11.351	35.403	27.026	0.000	385.0	10.103	35.224	27.109	0.000	435.0	9.221	35.108	27.167	0.000
332.0	11.341	35.402	27.027	0.000	386.0	10.090	35.223	27.111	0.000	436.0	9.219	35.110	27.169	0.000
333.0	11.338	35.402	27.027	0.000	387.0	10.052	35.218	27.114	0.000	437.0	9.215	35.110	27.170	0.000
334.0	11.334	35.400	27.027	0.000	388.0	10.018	35.214	27.116	0.000	438.0	9.208	35.109	27.170	0.000
335.0	11.320	35.397	27.027	0.000	389.0	9.988	35.211	27.119	0.000	439.0	9.160	35.102	27.173	0.000
336.0	11.313	35.396	27.027	0.000	390.0	9.957	35.206	27.121	0.000	440.0	9.121	35.098	27.176	0.000
337.0	11.289	35.378	27.018	0.000	391.0	9.943	35.204	27.122	0.000	441.0	9.097	35.097	27.179	0.000
338.0	11.260	35.389	27.031	0.000	392.0	9.932	35.202	27.122	0.000	442.0	9.090	35.096	27.179	0.000
339.0	11.250	35.388	27.033	0.000	393.0	9.913	35.199	27.123	0.000	443.0	9.097	35.096	27.178	0.000
341.0	11.248	35.385	27.031	0.000	394.0	9.901	35.199	27.125	0.000	444.0	9.077	35.092	27.179	0.000
342.0	11.242	35.386	27.033	0.000	395.0	9.893	35.197	27.125	0.000	445.0	9.052	35.091	27.181	0.000
343.0	11.227	35.384	27.034	0.000	396.0	9.884	35.196	27.125	0.000	446.0	9.025	35.087	27.183	0.000
344.0	11.211	35.384	27.037	0.000	397.0	9.875	35.194	27.125	0.000	447.0	8.992	35.084	27.186	0.000
345.0	11.179	35.375	27.036	0.000	398.0	9.843	35.190	27.128	0.000	448.0	8.977	35.083	27.187	0.000
346.0	11.163	35.373	27.037	0.000	399.0	9.832	35.189	27.129	0.000	449.0	8.975	35.080	27.185	0.000
347.0	11.131	35.367	27.038	0.000	400.0	9.815	35.186	27.129	0.000	450.0	8.929	35.076	27.190	0.000
348.0	11.060	35.358	27.044	0.000	401.0	9.797	35.184	27.131	0.000	451.0	8.895	35.073	27.192	0.000
349.0	11.033	35.356	27.048	0.000	402.0	9.775	35.182	27.133	0.000	452.0	8.879	35.070	27.193	0.000
351.0	11.027	35.354	27.047	0.000	403.0	9.762	35.180	27.134	0.000	453.0	8.862	35.069	27.195	0.000
352.0	10.986	35.348	27.050	0.000	404.0	9.756	35.179	27.134	0.000	454.0	8.850	35.067	27.196	0.000
353.0	10.969	35.345	27.051	0.000	405.0	9.735	35.177	27.136	0.000	455.0	8.825	35.065	27.198	0.000
356.0	10.809	35.323	27.063	0.000	406.0	9.714	35.174	27.137	0.000	456.0	8.821	35.065	27.198	0.000
357.0	10.785	35.322	27.066	0.000	407.0	9.686	35.168	27.137	0.000	457.0	8.802	35.063	27.200	0.000
358.0	10.803	35.326	27.066	0.000	408.0	9.619	35.174	27.153	0.000	474.0	8.504	35.030	27.220	0.000
359.0	10.809	35.319	27.059	0.000	409.0	9.581	35.159	27.147	0.000	475.0	8.514	35.033	27.221	0.000
360.0	10.707	35.305	27.066	0.000	410.0	9.573	35.157	27.147	0.000	476.0	8.510	35.033	27.222	0.000
361.0	10.660	35.303	27.074	0.000	411.0	9.567	35.157	27.148	0.000	477.0	8.508	35.032	27.221	0.000
362.0	10.626	35.298	27.076	0.000	412.0	9.562	35.155	27.148	0.000	478.0	8.511	35.031	27.220	0.000
363.0	10.608	35.296	27.077	0.000	413.0	9.554	35.154	27.148	0.000	479.0	8.501	35.030	27.221	0.000
364.0	10.625	35.305	27.081	0.000	414.0	9.557	35.153	27.147	0.000	480.0	8.489	35.029	27.222	0.000
365.0	10.575	35.290	27.079	0.000	415.0	9.533	35.150	27.148	0.000	481.0	8.477	35.028	27.223	0.000
366.0	10.545	35.288	27.082	0.000	416.0	9.517	35.148	27.150	0.000	482.0	8.461	35.026	27.224	0.000
367.0	10.531	35.283	27.081	0.000	417.0	9.509	35.147	27.151	0.000	483.0	8.447	35.025	27.226	0.000
368.0	10.490	35.277	27.083	0.000	418.0	9.504	35.147	27.151	0.000	484.0	8.432	35.023	27.226	0.000
369.0	10.435	35.269	27.087	0.000	419.0	9.496	35.145	27.151	0.000	485.0	8.427	35.023	27.227	0.000
370.0	10.376	35.262	27.092	0.000	420.0	9.430	35.137	27.155	0.000	486.0	8.441	35.024	27.226	0.000
371.0	10.351	35.257	27.092	0.000	421.0	9.459	35.142	27.155	0.000	487.0	8.410	35.021	27.228	0.000
372.0	10.339	35.259	27.096	0.000	422.0	9.403	35.131	27.155	0.000	488.0	8.401	34.998	27.212	0.000
373.0	10.324	35.256	27.096	0.000	423.0	9.379	35.130	27.158	0.000	489.0	8.380	35.018	27.230	0.000
374.0	10.288	35.252	27.099	0.000	424.0	9.374	35.130	27.159	0.000	490.0	8.369	35.017	27.231	0.000
375.0	10.260	35.246	27.100	0.000	425.0	9.374	35.129	27.159	0.000	491.0	8.350	35.015	27.232	0.000
376.0	10.203	35.239	27.104	0.000	426.0	9.374	35.130	27.159	0.000	492.0	8.324	35.011	27.234	0.000
377.0	10.188	35.236	27.105	0.000	427.0	9.374	35.129	27.158	0.000	493.0	8.324	35.011	27.234	0.000
378.0	10.150	35.231	27.107	0.000	428.0	9.368	35.128	27.159	0.000	494.0	8.287	35.005	27.235	0.000
379.0	10.140	35.231	27.109	0.000	429.0	9.357	35.126	27.159	0.000	495.0	8.247	35.003	27.239	0.000
380.0	10.138	35.231	27.109	0.000	430.0	9.340	35.124	27.160	0.000	496.0	8.244	35.003	27.240	0.000
381.0	10.139	35.231	27.109	0.000	431.0	9.315	35.120	27.162	0.000	497.0	8.251	34.995	27.232	0.000
382.0	10.137	35.230	27.108	0.000	432.0	9.283	35.117	27.164	0.000	498.0	8.230	35.002	27.240	0.000
383.0	10.135	35.229	27.108	0.000	433.0	9.262	35.115	27.166	0.000	499.0	8.227	35.001	27.241	0.000
384.0	10.132	35.228	27.108	0.000	434.0	9.247	35.113	27.167	0.000	500.0	8.235	35.000	27.239	0.000

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DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
501.0	8.209	34.997	27.241	0.000	551.0	7.465	34.935	27.302	0.000	606.0	6.971	34.907	27.350	0.000
502.0	8.183	34.995	27.243	0.000	553.0	7.448	34.934	27.304	0.000	607.0	6.962	34.907	27.351	0.000
503.0	8.154	34.992	27.245	0.000	554.0	7.439	34.934	27.305	0.000	608.0	6.956	34.907	27.352	0.000
504.0	8.125	34.992	27.249	0.000	555.0	7.430	34.933	27.306	0.000	609.0	6.948	34.907	27.354	0.000
505.0	8.120	34.991	27.249	0.000	556.0	7.439	34.933	27.304	0.000	610.0	6.935	34.906	27.354	0.000
506.0	8.109	34.990	27.250	0.000	557.0	7.424	34.931	27.305	0.000	611.0	6.916	34.905	27.356	0.000
507.0	8.126	34.991	27.248	0.000	558.0	7.403	34.931	27.308	0.000	612.0	6.895	34.904	27.358	0.000
508.0	8.096	34.986	27.249	0.000	559.0	7.387	34.930	27.310	0.000	613.0	6.897	34.904	27.358	0.000
509.0	8.071	34.985	27.252	0.000	560.0	7.364	34.929	27.312	0.000	614.0	6.880	34.903	27.359	0.000
510.0	8.060	34.983	27.252	0.000	561.0	7.356	34.929	27.313	0.000	615.0	6.866	34.903	27.361	0.000
511.0	8.038	34.982	27.255	0.000	562.0	7.360	34.930	27.313	0.000	616.0	6.861	34.904	27.363	0.000
512.0	8.021	34.982	27.257	0.000	563.0	7.374	34.928	27.310	0.000	617.0	6.850	34.904	27.364	0.000
513.0	8.010	34.980	27.257	0.000	564.0	7.332	34.925	27.313	0.000	618.0	6.843	34.903	27.365	0.000
514.0	7.996	34.979	27.258	0.000	565.0	7.321	34.927	27.316	0.000	619.0	6.830	34.902	27.365	0.000
515.0	8.016	34.978	27.255	0.000	567.0	7.305	34.924	27.316	0.000	620.0	6.814	34.901	27.367	0.000
516.0	7.946	34.974	27.262	0.000	568.0	7.285	34.923	27.318	0.000	621.0	6.807	34.900	27.367	0.000
517.0	7.922	34.972	27.264	0.000	569.0	7.299	34.923	27.316	0.000	622.0	6.805	34.900	27.367	0.000
518.0	7.911	34.971	27.265	0.000	570.0	7.260	34.919	27.319	0.000	623.0	6.766	34.898	27.371	0.000
519.0	7.887	34.969	27.267	0.000	571.0	7.243	34.920	27.322	0.000	624.0	6.761	34.897	27.371	0.000
520.0	7.858	34.968	27.271	0.000	572.0	7.236	34.919	27.322	0.000	625.0	6.754	34.898	27.373	0.000
521.0	7.853	34.967	27.271	0.000	573.0	7.231	34.919	27.323	0.000	626.0	6.747	34.897	27.373	0.000
522.0	7.873	34.966	27.266	0.000	574.0	7.229	34.919	27.323	0.000	627.0	6.738	34.897	27.374	0.000
523.0	7.820	34.964	27.272	0.000	575.0	7.224	34.919	27.324	0.000	628.0	6.740	34.896	27.374	0.000
524.0	7.809	34.965	27.275	0.000	576.0	7.211	34.918	27.325	0.000	629.0	6.726	34.896	27.375	0.000
525.0	7.803	34.962	27.274	0.000	577.0	7.222	34.917	27.322	0.000	630.0	6.717	34.895	27.374	0.000
526.0	7.795	34.963	27.276	0.000	578.0	7.272	34.919	27.317	0.000	631.0	6.704	34.895	27.377	0.000
527.0	7.790	34.961	27.275	0.000	579.0	7.178	34.915	27.327	0.000	632.0	6.689	34.894	27.378	0.000
528.0	7.793	34.961	27.274	0.000	580.0	7.170	34.915	27.329	0.000	633.0	6.680	34.894	27.380	0.000
529.0	7.782	34.959	27.275	0.000	581.0	7.161	34.914	27.329	0.000	634.0	6.678	34.894	27.380	0.000
530.0	7.759	34.958	27.277	0.000	582.0	7.145	34.913	27.330	0.000	635.0	6.668	34.894	27.381	0.000
531.0	7.741	34.957	27.279	0.000	583.0	7.146	34.913	27.330	0.000	636.0	6.665	34.894	27.382	0.000
532.0	7.734	34.957	27.280	0.000	584.0	7.127	34.913	27.333	0.000	637.0	6.658	34.894	27.383	0.000
533.0	7.724	34.956	27.281	0.000	585.0	7.118	34.906	27.329	0.000	638.0	6.654	34.893	27.382	0.000
534.0	7.719	34.957	27.282	0.000	586.0	7.111	34.912	27.334	0.000	639.0	6.652	34.894	27.383	0.000
535.0	7.715	34.956	27.282	0.000	588.0	7.099	34.912	27.336	0.000	640.0	6.649	34.893	27.383	0.000
536.0	7.729	34.956	27.280	0.000	589.0	7.098	34.912	27.336	0.000	641.0	6.647	34.893	27.383	0.000
537.0	7.702	34.953	27.282	0.000	590.0	7.102	34.904	27.329	0.000	642.0	6.647	34.893	27.383	0.000
538.0	7.674	34.953	27.285	0.000	592.0	7.083	34.870	27.305	0.000	643.0	6.645	34.893	27.384	0.000
539.0	7.647	34.951	27.288	0.000	594.0	7.040	34.910	27.343	0.000	644.0	6.642	34.893	27.384	0.000
540.0	7.637	34.950	27.289	0.000	595.0	7.038	34.910	27.343	0.000	645.0	6.628	34.892	27.385	0.000
541.0	7.634	34.951	27.290	0.000	596.0	7.042	34.909	27.342	0.000	646.0	6.617	34.892	27.387	0.000
542.0	7.644	34.951	27.288	0.000	597.0	7.033	34.912	27.345	0.000	647.0	6.611	34.892	27.387	0.000
543.0	7.618	34.947	27.289	0.000	598.0	7.036	34.912	27.345	0.000	648.0	6.606	34.892	27.388	0.000
544.0	7.660	34.937	27.275	0.000	599.0	7.032	34.914	27.347	0.000	649.0	6.604	34.892	27.388	0.000
545.0	7.569	34.944	27.294	0.000	600.0	7.027	34.913	27.347	0.000	650.0	6.601	34.892	27.388	0.000
546.0	7.564	34.943	27.294	0.000	601.0	7.024	34.911	27.346	0.000	651.0	6.587	34.891	27.390	0.000
547.0	7.550	34.941	27.294	0.000	602.0	7.002	34.909	27.347	0.000	652.0	6.569	34.891	27.392	0.000
548.0	7.519	34.940	27.298	0.000	603.0	6.990	34.909	27.349	0.000	653.0	6.558	34.891	27.394	0.000
549.0	7.494	34.937	27.300	0.000	604.0	6.980	34.907	27.349	0.000	654.0	6.551	34.890	27.394	0.000
550.0	7.507	34.938	27.298	0.000	605.0	6.976	34.907	27.349	0.000	655.0	6.544	34.891	27.396	0.000

STATION SBE044.AUG:: CRUISE 91g02 DATE & TIME Fr, Mar 08 18:49:15 1991, Julian day = 67  
 LAT 27 02.63 N LON 154 56.77 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
656.0	6.538	34.890	27.396	0.000	706.0	6.183	34.885	27.439	0.000	756.0	5.849	34.889	27.484	0.000
657.0	6.532	34.891	27.397	0.000	707.0	6.182	34.885	27.438	0.000	757.0	5.843	34.889	27.485	0.000
658.0	6.531	34.890	27.396	0.000	708.0	6.162	34.885	27.441	0.000	758.0	5.840	34.889	27.486	0.000
659.0	6.514	34.890	27.398	0.000	709.0	6.143	34.886	27.444	0.000	759.0	5.839	34.889	27.485	0.000
660.0	6.497	34.890	27.401	0.000	710.0	6.134	34.886	27.446	0.000	760.0	5.847	34.888	27.484	0.000
661.0	6.491	34.890	27.402	0.000	711.0	6.125	34.887	27.448	0.000	761.0	5.827	34.889	27.487	0.000
662.0	6.483	34.890	27.403	0.000	712.0	6.122	34.887	27.448	0.000	762.0	5.819	34.889	27.488	0.000
663.0	6.484	34.889	27.402	0.000	713.0	6.124	34.886	27.447	0.000	763.0	5.811	34.889	27.490	0.000
664.0	6.479	34.888	27.402	0.000	714.0	6.124	34.885	27.447	0.000	764.0	5.803	34.889	27.490	0.000
665.0	6.451	34.888	27.406	0.000	715.0	6.102	34.886	27.449	0.000	765.0	5.793	34.890	27.492	0.000
666.0	6.438	34.889	27.408	0.000	716.0	6.085	34.887	27.453	0.000	766.0	5.788	34.890	27.493	0.000
667.0	6.432	34.889	27.409	0.000	717.0	6.077	34.886	27.453	0.000	767.0	5.792	34.889	27.492	0.000
668.0	6.428	34.888	27.409	0.000	718.0	6.075	34.886	27.453	0.000	768.0	5.776	34.889	27.494	0.000
669.0	6.429	34.888	27.409	0.000	719.0	6.073	34.885	27.453	0.000	769.0	5.767	34.890	27.495	0.000
670.0	6.428	34.887	27.408	0.000	720.0	6.070	34.887	27.455	0.000	770.0	5.763	34.891	27.497	0.000
671.0	6.423	34.888	27.409	0.000	721.0	6.078	34.885	27.452	0.000	771.0	5.759	34.891	27.497	0.000
672.0	6.416	34.889	27.411	0.000	722.0	6.069	34.885	27.453	0.000	772.0	5.753	34.891	27.498	0.000
673.0	6.410	34.888	27.411	0.000	723.0	6.059	34.886	27.455	0.000	773.0	5.748	34.891	27.498	0.000
674.0	6.402	34.890	27.414	0.000	724.0	6.050	34.886	27.456	0.000	774.0	5.745	34.890	27.499	0.000
675.0	6.399	34.886	27.411	0.000	725.0	6.037	34.887	27.459	0.000	775.0	5.739	34.891	27.500	0.000
676.0	6.391	34.888	27.414	0.000	726.0	6.031	34.887	27.460	0.000	776.0	5.736	34.890	27.500	0.000
677.0	6.387	34.887	27.414	0.000	727.0	6.026	34.887	27.461	0.000	777.0	5.735	34.891	27.500	0.000
678.0	6.382	34.888	27.415	0.000	728.0	6.037	34.886	27.458	0.000	778.0	5.735	34.891	27.501	0.000
679.0	6.372	34.888	27.416	0.000	729.0	6.028	34.885	27.459	0.000	779.0	5.734	34.891	27.500	0.000
680.0	6.362	34.887	27.417	0.000	730.0	6.020	34.886	27.460	0.000	780.0	5.727	34.891	27.501	0.000
681.0	6.347	34.887	27.419	0.000	731.0	6.009	34.887	27.463	0.000	781.0	5.718	34.892	27.503	0.000
682.0	6.333	34.887	27.421	0.000	732.0	6.004	34.887	27.463	0.000	782.0	5.714	34.892	27.503	0.000
683.0	6.325	34.887	27.421	0.000	733.0	6.000	34.887	27.464	0.000	783.0	5.715	34.892	27.503	0.000
684.0	6.315	34.887	27.423	0.000	734.0	5.994	34.886	27.464	0.000	784.0	5.714	34.891	27.502	0.000
685.0	6.308	34.887	27.424	0.000	735.0	5.985	34.887	27.466	0.000	785.0	5.707	34.891	27.504	0.000
686.0	6.304	34.887	27.424	0.000	736.0	5.990	34.886	27.464	0.000	786.0	5.703	34.892	27.505	0.000
687.0	6.310	34.886	27.422	0.000	737.0	5.978	34.886	27.466	0.000	787.0	5.697	34.892	27.506	0.000
688.0	6.278	34.886	27.427	0.000	738.0	5.970	34.886	27.467	0.000	788.0	5.689	34.892	27.507	0.000
689.0	6.267	34.887	27.429	0.000	739.0	5.960	34.887	27.469	0.000	789.0	5.676	34.893	27.509	0.000
690.0	6.265	34.888	27.430	0.000	740.0	5.951	34.888	27.470	0.000	790.0	5.676	34.892	27.509	0.000
691.0	6.264	34.888	27.430	0.000	741.0	5.944	34.887	27.471	0.000	791.0	5.690	34.891	27.506	0.000
692.0	6.260	34.887	27.430	0.000	742.0	5.938	34.887	27.471	0.000	792.0	5.666	34.892	27.510	0.000
693.0	6.267	34.884	27.427	0.000	743.0	5.929	34.886	27.472	0.000	793.0	5.663	34.893	27.510	0.000
694.0	6.247	34.887	27.432	0.000	744.0	5.920	34.887	27.474	0.000	794.0	5.661	34.893	27.511	0.000
695.0	6.244	34.887	27.432	0.000	745.0	5.908	34.888	27.476	0.000	795.0	5.657	34.893	27.511	0.000
696.0	6.234	34.887	27.433	0.000	746.0	5.909	34.887	27.476	0.000	796.0	5.654	34.893	27.512	0.000
697.0	6.229	34.886	27.434	0.000	747.0	5.892	34.888	27.478	0.000	797.0	5.651	34.893	27.512	0.000
698.0	6.223	34.887	27.435	0.000	748.0	5.884	34.889	27.480	0.000	798.0	5.639	34.893	27.514	0.000
699.0	6.235	34.886	27.432	0.000	749.0	5.882	34.888	27.479	0.000	799.0	5.624	34.894	27.517	0.000
700.0	6.218	34.885	27.434	0.000	750.0	5.870	34.889	27.481	0.000	800.0	5.615	34.893	27.517	0.000
701.0	6.205	34.886	27.436	0.000	751.0	5.865	34.890	27.483	0.000	801.0	5.609	34.894	27.518	0.000
702.0	6.194	34.886	27.437	0.000	752.0	5.863	34.889	27.483	0.000	802.0	5.606	34.895	27.520	0.000
703.0	6.193	34.886	27.438	0.000	753.0	5.877	34.887	27.480	0.000	803.0	5.602	34.894	27.520	0.000
704.0	6.186	34.886	27.439	0.000	754.0	5.861	34.888	27.482	0.000	804.0	5.602	34.894	27.520	0.000
705.0	6.183	34.885	27.439	0.000	755.0	5.854	34.889	27.484	0.000	805.0	5.600	34.895	27.520	0.000

STATION SBE044.AVG:: CRUISE 91g02 DATE & TIME Fri Mar 08 18:49:15 1991, Julian day = 67  
 LAT 27 02.63 N LON 94 56.77 W DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
806.0	5.599	34.894	27.520	0.000	856.0	5.363	34.902	27.555	0.000	906.0	5.169	34.908	27.583	0.000
807.0	5.600	34.893	27.519	0.000	857.0	5.370	34.901	27.553	0.000	907.0	5.168	34.908	27.582	0.000
808.0	5.586	34.894	27.521	0.000	858.0	5.354	34.902	27.556	0.000	908.0	5.167	34.908	27.583	0.000
809.0	5.581	34.895	27.522	0.000	859.0	5.353	34.902	27.556	0.000	909.0	5.164	34.908	27.584	0.000
810.0	5.580	34.895	27.523	0.000	860.0	5.350	34.902	27.557	0.000	910.0	5.161	34.909	27.584	0.000
811.0	5.578	34.895	27.523	0.000	861.0	5.349	34.902	27.557	0.000	911.0	5.160	34.909	27.584	0.000
812.0	5.569	34.895	27.524	0.000	862.0	5.348	34.902	27.557	0.000	912.0	5.156	34.908	27.584	0.000
813.0	5.561	34.896	27.525	0.000	863.0	5.348	34.902	27.556	0.000	913.0	5.150	34.909	27.586	0.000
814.0	5.569	34.895	27.524	0.000	864.0	5.346	34.902	27.557	0.000	914.0	5.144	34.910	27.587	0.000
815.0	5.544	34.895	27.527	0.000	865.0	5.344	34.902	27.557	0.000	915.0	5.138	34.910	27.588	0.000
816.0	5.542	34.896	27.528	0.000	866.0	5.343	34.903	27.558	0.000	916.0	5.132	34.910	27.589	0.000
817.0	5.541	34.896	27.529	0.000	867.0	5.340	34.903	27.558	0.000	917.0	5.131	34.911	27.590	0.000
818.0	5.538	34.896	27.529	0.000	868.0	5.334	34.903	27.559	0.000	918.0	5.132	34.910	27.589	0.000
819.0	5.536	34.896	27.529	0.000	869.0	5.327	34.903	27.560	0.000	919.0	5.119	34.910	27.591	0.000
820.0	5.535	34.895	27.529	0.000	870.0	5.325	34.903	27.560	0.000	920.0	5.114	34.911	27.592	0.000
821.0	5.533	34.896	27.529	0.000	871.0	5.322	34.902	27.560	0.000	921.0	5.111	34.912	27.593	0.000
822.0	5.532	34.895	27.529	0.000	872.0	5.309	34.904	27.563	0.000	922.0	5.108	34.913	27.594	0.000
823.0	5.525	34.896	27.531	0.000	873.0	5.305	34.903	27.563	0.000	923.0	5.106	34.912	27.594	0.000
824.0	5.525	34.896	27.531	0.000	874.0	5.295	34.906	27.566	0.000	924.0	5.110	34.911	27.592	0.000
825.0	5.523	34.896	27.531	0.000	875.0	5.290	34.905	27.566	0.000	925.0	5.101	34.911	27.594	0.000
826.0	5.520	34.896	27.531	0.000	876.0	5.289	34.903	27.565	0.000	926.0	5.094	34.913	27.595	0.000
827.0	5.519	34.896	27.531	0.000	877.0	5.285	34.904	27.566	0.000	927.0	5.090	34.913	27.596	0.000
828.0	5.516	34.896	27.532	0.000	878.0	5.287	34.904	27.565	0.000	928.0	5.085	34.913	27.597	0.000
829.0	5.513	34.896	27.532	0.000	879.0	5.268	34.905	27.569	0.000	929.0	5.080	34.913	27.597	0.000
830.0	5.506	34.896	27.533	0.000	880.0	5.261	34.905	27.569	0.000	930.0	5.083	34.912	27.596	0.000
831.0	5.494	34.897	27.535	0.000	881.0	5.257	34.905	27.570	0.000	931.0	5.075	34.913	27.598	0.000
832.0	5.486	34.897	27.536	0.000	882.0	5.253	34.906	27.571	0.000	932.0	5.071	34.913	27.598	0.000
833.0	5.480	34.898	27.537	0.000	883.0	5.252	34.906	27.571	0.000	933.0	5.067	34.914	27.599	0.000
834.0	5.477	34.898	27.537	0.000	884.0	5.249	34.907	27.572	0.000	934.0	5.064	34.913	27.599	0.000
835.0	5.476	34.897	27.537	0.000	885.0	5.248	34.906	27.572	0.000	935.0	5.062	34.914	27.600	0.000
836.0	5.471	34.898	27.539	0.000	886.0	5.261	34.905	27.569	0.000	936.0	5.060	34.914	27.600	0.000
837.0	5.469	34.897	27.538	0.000	887.0	5.233	34.906	27.573	0.000	937.0	5.056	34.913	27.600	0.000
838.0	5.461	34.899	27.540	0.000	888.0	5.227	34.907	27.575	0.000	938.0	5.057	34.912	27.599	0.000
839.0	5.456	34.898	27.540	0.000	889.0	5.226	34.907	27.575	0.000	939.0	5.052	34.913	27.601	0.000
840.0	5.452	34.897	27.540	0.000	890.0	5.224	34.908	27.576	0.000	940.0	5.045	34.914	27.602	0.000
841.0	5.449	34.897	27.540	0.000	891.0	5.223	34.908	27.576	0.000	941.0	5.041	34.915	27.604	0.000
842.0	5.442	34.899	27.543	0.000	892.0	5.222	34.907	27.576	0.000	942.0	5.039	34.915	27.603	0.000
843.0	5.440	34.899	27.543	0.000	893.0	5.233	34.906	27.573	0.000	943.0	5.042	34.913	27.602	0.000
844.0	5.427	34.899	27.544	0.000	894.0	5.223	34.906	27.575	0.000	944.0	5.033	34.915	27.604	0.000
845.0	5.420	34.899	27.546	0.000	895.0	5.218	34.906	27.575	0.000	945.0	5.031	34.915	27.605	0.000
846.0	5.411	34.900	27.547	0.000	896.0	5.224	34.906	27.574	0.000	946.0	5.030	34.915	27.605	0.000
847.0	5.401	34.900	27.548	0.000	897.0	5.210	34.907	27.576	0.000	947.0	5.029	34.900	27.593	0.000
848.0	5.399	34.900	27.549	0.000	898.0	5.210	34.907	27.577	0.000	948.0	5.024	34.915	27.605	0.000
849.0	5.395	34.901	27.550	0.000	899.0	5.198	34.908	27.579	0.000	949.0	5.024	34.914	27.604	0.000
850.0	5.395	34.900	27.549	0.000	900.0	5.202	34.907	27.578	0.000	950.0	5.017	34.915	27.606	0.000
851.0	5.393	34.900	27.550	0.000	901.0	5.196	34.907	27.578	0.000	951.0	5.016	34.914	27.606	0.000
852.0	5.388	34.900	27.551	0.000	902.0	5.186	34.907	27.580	0.000	952.0	5.014	34.915	27.607	0.000
853.0	5.378	34.901	27.552	0.000	903.0	5.185	34.907	27.580	0.000	953.0	5.012	34.917	27.608	0.000
854.0	5.366	34.902	27.554	0.000	904.0	5.177	34.908	27.581	0.000	954.0	5.011	34.916	27.608	0.000
855.0	5.363	34.903	27.555	0.000	905.0	5.170	34.908	27.583	0.000	955.0	5.011	34.916	27.608	0.000



8.50 TRANSMITTANCE IN VOLTS 9.00 9.50

15.00 TEMPERATURE DEG C 20.00

35.50 SALINITY PPT 36.00 36.50

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CRUISE: 91g02 STATION: SBE044.A DATE: Mar 08 18:49:15 1991  
LATITUDE: 27 02.63 N LONGITUDE: 94 56.77 W

Cruise: 91G02  
 Date: 03-09-1991  
 Time: 03:44:58 GMT  
 Lat: 27 20.00 N  
 Lon: 95 00.00 W  
 Stn. 45

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
		34.78	21.05	68.78	20.61	102.69	19.50
		35.46	21.05	69.46	20.60	103.37	19.49
2.05	<del>21.27</del>	36.14	21.04	70.14	20.59	104.04	19.48
2.73	21.21	36.82	21.04	70.81	20.57	104.72	19.45
3.41	21.21	37.50	21.02	71.49	20.57	105.40	19.39
4.10	21.22	38.18	21.02	72.17	20.55	106.07	19.32
4.78	20.99	38.86	21.00	72.85	20.54	106.75	19.24
5.46	21.25	39.54	20.99	73.53	20.50	107.43	19.22
6.14	21.11	40.22	20.96	74.21	20.48	108.11	19.21
6.83	21.17	40.90	20.91	74.89	20.45	108.78	19.18
7.51	21.12	41.58	20.86	75.57	20.43	109.46	19.11
8.19	21.13	42.26	20.83	76.25	20.40	110.14	19.03
8.87	21.08	42.94	20.81	76.92	20.37	110.81	18.98
9.56	21.10	43.62	20.78	77.60	20.37	111.49	18.91
10.24	21.12	44.31	20.77	78.28	20.34	112.17	18.87
10.92	21.10	44.99	20.77	78.96	20.33	112.84	18.83
11.60	21.13	45.67	20.76	79.64	20.35	113.52	18.72
12.28	21.11	46.35	20.74	80.32	20.33	114.20	18.64
12.97	21.12	47.03	20.75	81.00	20.32	114.87	18.56
13.65	21.11	47.71	20.76	81.67	20.31	115.55	18.49
14.33	21.12	48.39	20.77	82.35	20.28	116.23	18.42
15.01	21.10	49.07	20.80	83.03	20.28	116.90	18.37
15.69	21.07	49.75	20.81	83.71	20.26	117.58	18.33
16.38	21.11	50.43	20.81	84.39	20.22	118.26	18.27
17.06	21.10	51.11	20.82	85.07	20.20	118.93	18.23
17.74	21.09	51.79	20.81	85.74	20.14	119.61	18.17
18.42	21.09	52.47	20.81	86.42	20.09	120.29	18.11
19.10	21.09	53.15	20.81	87.10	20.06	120.96	18.07
19.79	21.09	53.83	20.82	87.78	20.03	121.64	18.00
20.47	21.07	54.51	20.81	88.46	20.03	122.31	17.94
21.15	21.07	55.19	20.80	89.13	20.04	122.99	17.90
21.83	21.07	55.87	20.80	89.81	20.07	123.67	17.86
22.51	21.08	56.55	20.78	90.49	20.08	124.34	17.76
23.19	21.08	57.23	20.78	91.17	20.00	125.02	17.67
23.88	21.08	57.91	20.78	91.85	19.90	125.70	17.61
24.56	21.06	58.59	20.78	92.52	19.81	126.37	17.57
25.24	21.06	59.27	20.78	93.20	19.74	127.05	17.54
25.92	21.07	59.95	20.77	93.88	19.68	127.72	17.52
26.60	21.06	60.63	20.78	94.56	19.64	128.40	17.47
27.28	21.06	61.30	20.77	95.24	19.58	129.07	17.43
27.96	21.05	61.98	20.76	95.91	19.54	129.75	17.40
28.65	21.06	62.66	20.75	96.59	19.52	130.43	17.34
29.33	21.05	63.34	20.74	97.27	19.51	131.10	17.30
30.01	21.07	64.02	20.73	97.95	19.50	131.78	17.26
30.69	21.05	64.70	20.73	98.62	19.49	132.45	17.23
31.37	21.07	65.38	20.71	99.30	19.50	133.13	17.22
32.05	21.06	66.06	20.70	99.98	19.49	133.81	17.17
32.73	21.06	66.74	20.68	100.66	19.50	134.48	17.14
33.41	21.05	67.42	20.66	101.33	19.49	135.16	17.14
34.09	21.05	68.10	20.63	102.01	19.49	135.83	17.12
34.78	21.05	68.78	20.61	102.69	19.50	136.51	17.09



Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
137.18	17.02	174.28	15.20	211.26	13.87	248.14	12.0
137.86	16.98	174.95	15.19	211.93	13.83	248.81	12.0
138.53	16.95	175.62	15.15	212.60	13.81	249.48	12.0
139.21	16.90	176.30	15.11	213.28	13.79	250.14	12.0
139.88	16.87	176.97	15.08	213.95	13.78	250.81	12.0
140.56	16.83	177.64	15.05	214.62	13.76	251.48	12.0
141.23	16.78	178.32	15.01	215.29	13.74	252.15	12.0
141.91	16.74	178.99	14.99	215.96	13.71	252.82	12.0
142.59	16.69	179.66	14.97	216.63	13.68	253.49	12.0
143.26	16.66	180.34	14.95	217.30	13.66	254.16	12.0
143.94	16.65	181.01	14.94	217.97	13.65	254.83	12.0
144.61	16.63	181.68	14.93	218.65	13.63	255.50	12.0
145.29	16.62	182.36	14.90	219.32	13.59	256.17	12.0
145.96	16.62	183.03	14.86	219.99	13.58	256.84	12.0
146.64	16.58	183.70	14.83	220.66	13.53	257.50	12.0
147.31	16.57	184.38	14.83	221.33	13.49	258.17	12.0
147.99	16.53	185.05	14.81	222.00	13.47	258.84	12.0
148.66	16.48	185.72	14.79	222.67	13.44	259.51	12.0
149.34	16.42	186.39	14.78	223.34	13.44	260.18	12.0
150.01	16.38	187.07	14.76	224.01	13.43	260.85	12.0
150.68	16.36	187.74	14.71	224.68	13.42	261.52	12.0
151.36	16.36	188.41	14.68	225.35	13.42	262.19	12.0
152.03	16.35	189.08	14.66	226.02	13.41	262.86	12.0
152.71	16.35	189.76	14.63	226.70	13.40	263.52	12.0
153.38	16.31	190.43	14.61	227.37	13.39	264.19	12.0
154.06	16.26	191.10	14.61	228.04	13.38	264.86	12.0
154.73	16.14	191.77	14.58	228.71	13.36	265.53	12.0
155.41	16.05	192.45	14.54	229.38	13.33	266.20	12.0
156.08	15.99	193.12	14.51	230.05	13.31	266.87	12.0
156.76	15.95	193.79	14.49	230.72	13.29	267.53	12.0
157.43	15.92	194.46	14.48	231.39	13.28	268.20	12.0
158.10	15.89	195.14	14.45	232.06	13.25	268.87	12.0
158.78	15.89	195.81	14.45	232.73	13.24	269.54	12.0
159.45	15.89	196.48	14.44	233.40	13.24	270.21	12.0
160.13	15.88	197.15	14.40	234.07	13.22	270.88	12.0
160.80	15.83	197.83	14.39	234.74	13.17	271.54	11.9
161.48	15.79	198.50	14.34	235.41	13.16	272.21	11.9
162.15	15.76	199.17	14.33	236.08	13.13	272.88	11.9
162.82	15.74	199.84	14.31	236.75	13.11	273.55	11.9
163.50	15.72	200.51	14.33	237.42	13.09	274.22	11.9
164.17	15.68	201.19	14.29	238.09	13.06	274.88	11.9
164.85	15.63	201.86	14.28	238.76	13.04	275.55	11.9
165.52	15.61	202.53	14.25	239.43	13.02	276.22	11.9
166.19	15.61	203.20	14.21	240.10	13.00	276.89	11.9
166.87	15.59	203.87	14.19	240.77	13.00	277.56	11.9
167.54	15.56	204.55	14.14	241.44	12.97	278.22	11.9
168.22	15.49	205.22	14.13	242.11	12.94	278.89	11.9
168.89	15.45	205.89	14.08	242.78	12.91	279.56	11.9
169.56	15.42	206.56	14.05	243.45	12.88	280.23	11.9
170.24	15.39	207.23	14.01	244.12	12.86	280.90	11.9
170.91	15.36	207.90	13.96	244.79	12.84	281.56	11.9
171.58	15.34	208.58	13.94	245.46	12.83	282.23	11.9
172.26	15.31	209.25	13.94	246.13	12.82	282.90	11.9
172.93	15.26	209.92	13.91	246.80	12.80	283.57	11.9
173.60	15.22	210.59	13.91	247.47	12.77	284.23	11.9
174.28	15.20	211.26	13.87	248.14	12.75	284.90	11.9

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
285.57	11.56	322.22	10.70	358.76	10.07	395.19	9.41
286.24	11.54	322.89	10.69	359.43	10.06	395.86	9.40
286.90	11.52	323.55	10.68	360.09	10.04	396.52	9.40
287.57	11.50	324.22	10.67	360.75	10.05	397.18	9.38
288.24	11.47	324.88	10.65	361.42	-10.03	397.84	9.37
288.90	11.46	325.55	10.64	362.08	10.03	398.50	9.36
289.57	11.45	326.21	10.61	362.74	10.03	399.16	9.36
290.24	11.43	326.88	10.59	363.40	10.02	399.82	9.34
290.91	11.43	327.54	10.57	364.07	10.02	400.48	9.31
291.57	11.42	328.21	10.56	364.73	10.02	401.14	9.30
292.24	11.41	328.87	10.56	365.39	10.01	401.81	9.29
292.91	11.38	329.54	10.53	366.06	10.01	402.47	9.28
293.57	11.34	330.20	10.52	366.72	10.01	403.13	9.27
294.24	11.33	330.87	10.49	367.38	9.99	403.79	9.26
294.91	11.31	331.53	10.49	368.05	9.97	404.45	9.26
295.57	11.29	332.20	10.49	368.71	9.96	405.11	9.26
296.24	11.28	332.86	10.46	369.37	9.94	405.77	9.25
296.91	11.26	333.53	10.44	370.03	9.92	406.43	9.25
297.58	11.24	334.19	10.41	370.70	9.92	407.09	9.24
298.24	11.23	334.86	10.41	371.36	9.91	407.75	9.22
298.91	11.20	335.52	10.39	372.02	9.90	408.41	9.22
299.58	11.21	336.19	10.38	372.69	9.91	409.08	9.21
300.24	11.18	336.85	10.37	373.35	9.90	409.74	9.21
300.91	11.18	337.51	10.35	374.01	9.89	410.40	9.20
301.58	11.17	338.18	10.34	374.67	9.89	411.06	9.19
302.24	11.13	338.84	10.33	375.34	9.88	411.72	9.18
302.91	11.12	339.51	10.32	376.00	9.85	412.38	9.18
303.57	11.10	340.17	10.31	376.66	9.83	413.04	9.17
304.24	11.06	340.84	10.32	377.32	9.83	413.70	9.16
304.91	11.05	341.50	10.31	377.99	9.82	414.36	9.14
305.57	11.03	342.17	10.30	378.65	9.80	415.02	9.12
306.24	10.99	342.83	10.31	379.31	9.78	415.68	9.11
306.91	10.98	343.49	10.30	379.97	9.77	416.34	9.09
307.57	10.95	344.16	10.31	380.63	9.75	417.00	9.09
308.24	10.91	344.82	10.30	381.30	9.71	417.66	9.07
308.90	10.90	345.49	10.28	381.96	9.68	418.32	9.06
309.57	10.89	346.15	10.27	382.62	9.66	418.98	9.06
310.24	10.88	346.81	10.26	383.28	9.65	419.64	9.05
310.90	10.86	347.48	10.26	383.94	9.65	420.30	9.05
311.57	10.85	348.14	10.24	384.61	9.65	420.96	9.05
312.23	10.85	348.81	10.23	385.27	9.64	421.62	9.02
312.90	10.84	349.47	10.21	385.93	9.62	422.28	9.02
313.57	10.84	350.13	10.21	386.59	9.61	422.94	9.02
314.23	10.83	350.80	10.20	387.25	9.61	423.60	9.00
314.90	10.81	351.46	10.19	387.92	9.59	424.26	8.99
315.56	10.80	352.13	10.18	388.58	9.57	424.92	8.97
316.23	10.79	352.79	10.16	389.24	9.57	425.58	8.95
316.90	10.77	353.45	10.14	389.90	9.56	426.24	8.95
317.56	10.75	354.12	10.12	390.56	9.54	426.90	8.91
318.23	10.74	354.78	10.12	391.22	9.51	427.56	8.89
318.89	10.74	355.44	10.11	391.89	9.48	428.22	8.87
319.56	10.73	356.11	10.10	392.55	9.48	428.88	8.87
320.22	10.72	356.77	10.10	393.21	9.44	429.54	8.85
320.89	10.71	357.44	10.07	393.87	9.43	430.20	8.84
321.55	10.71	358.10	10.06	394.53	9.42	430.86	8.82
322.22	10.70	358.76	10.07	395.19	9.41	431.52	8.81

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
432.18	8.79	468.38	8.24	504.48	7.84	540.47	7.84
432.83	8.80	469.04	8.23	505.14	7.84	541.13	7.84
433.49	8.77	469.70	8.23	505.79	7.83	541.78	7.83
434.15	8.75	470.36	8.22	506.45	7.83	542.43	7.83
434.81	8.75	471.01	8.23	507.11	7.84	543.09	7.84
435.47	8.74	471.67	8.22	507.76	7.82	543.74	7.82
436.13	8.74	472.33	8.21	508.42	7.81	544.39	7.81
436.79	8.74	472.99	8.22	509.07	7.79	545.05	7.79
437.45	8.73	473.64	8.21	509.73	7.79	545.70	7.79
438.11	8.72	474.30	8.20	510.38	7.79	546.35	7.79
438.77	8.70	474.96	8.20	511.04	7.79	547.01	7.79
439.43	8.69	475.61	8.20	511.69	7.78	547.66	7.78
440.08	8.68	476.27	8.19	512.35	7.77	548.31	7.77
440.74	8.67	476.93	8.18	513.00	7.76	548.96	7.76
441.40	8.67	477.58	8.17	513.66	7.76	549.62	7.76
442.06	8.65	478.24	8.18	514.31	7.75	550.27	7.75
442.72	8.65	478.90	8.18	514.97	7.75	550.92	7.75
443.38	8.63	479.55	8.15	515.62	7.74	551.58	7.74
444.04	8.62	480.21	8.16	516.27	7.72	552.23	7.72
444.70	8.61	480.87	8.14	516.93	7.70	552.88	7.70
445.35	8.61	481.52	8.13	517.58	7.70	553.53	7.70
446.01	8.58	482.18	8.12	518.24	7.69	554.19	7.69
446.67	8.59	482.84	8.10	518.89	7.69	554.84	7.69
447.33	8.57	483.49	8.09	519.55	7.68	555.49	7.68
447.99	8.56	484.15	8.07	520.20	7.67	556.14	7.67
448.65	8.56	484.81	8.06	520.86	7.67	556.80	7.67
449.31	8.55	485.46	8.04	521.51	7.67	557.45	7.67
449.96	8.53	486.12	8.04	522.17	7.66	558.10	7.66
450.62	8.53	486.78	8.02	522.82	7.67	558.75	7.67
451.28	8.52	487.43	8.04	523.47	7.67	559.41	7.67
451.94	8.50	488.09	8.02	524.13	7.65	560.06	7.65
452.60	8.49	488.75	8.02	524.78	7.64	560.71	7.64
453.26	8.49	489.40	8.01	525.44	7.62	561.36	7.62
453.91	8.47	490.06	8.01	526.09	7.61	562.01	7.61
454.57	8.45	490.71	8.01	526.75	7.60	562.67	7.60
455.23	8.45	491.37	8.01	527.40	7.59	563.32	7.59
455.89	8.43	492.03	8.00	528.05	7.59	563.97	7.59
456.55	8.42	492.68	8.01	528.71	7.59	564.62	7.59
457.20	8.41	493.34	8.01	529.36	7.59	565.27	7.59
457.86	8.40	493.99	7.99	530.02	7.57	565.93	7.57
458.52	8.40	494.65	7.98	530.67	7.56	566.58	7.56
459.18	8.39	495.31	7.97	531.32	7.56	567.23	7.56
459.84	8.39	495.96	7.96	531.98	7.54	567.88	7.54
460.49	8.37	496.62	7.94	532.63	7.52	568.53	7.52
461.15	8.36	497.27	7.93	533.28	7.50	569.19	7.50
461.81	8.35	497.93	7.93	533.94	7.50	569.84	7.50
462.47	8.33	498.58	7.92	534.59	7.49	570.49	7.49
463.12	8.31	499.24	7.92	535.25	7.50	571.14	7.50
463.78	8.30	499.90	7.91	535.90	7.48	571.79	7.48
464.44	8.30	500.55	7.89	536.55	7.49	572.44	7.49
465.10	8.30	501.21	7.89	537.21	7.48	573.10	7.48
465.75	8.29	501.86	7.87	537.86	7.46	573.75	7.46
466.41	8.27	502.52	7.88	538.51	7.44	574.40	7.44
467.07	8.26	503.17	7.85	539.17	7.45	575.05	7.45
467.73	8.25	503.83	7.85	539.82	7.44	575.70	7.44
468.38	8.24	504.48	7.84	540.47	7.44	576.35	7.44

Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)	Depth (m)	Temp (C)
577.00	7.11	612.77	6.82	648.43	6.56	683.98	6.35
577.66	7.11	613.42	6.81	649.08	6.55	684.62	6.36
578.31	7.09	614.07	6.81	649.72	6.55	685.27	6.34
578.96	7.08	614.72	6.81	650.37	6.57	685.91	6.34
579.61	7.08	615.37	6.81	651.02	6.55	686.56	6.33
580.26	7.07	616.02	6.80	651.66	6.55	687.20	6.33
580.91	7.07	616.67	6.80	652.31	6.54	687.85	6.34
581.56	7.06	617.32	6.80	652.96	6.53	688.49	6.33
582.21	7.07	617.96	6.80	653.61	6.53	689.14	6.32
582.86	7.05	618.61	6.80	654.25	6.52	689.78	6.32
583.52	7.05	619.26	6.79	654.90	6.52	690.43	6.32
584.17	7.06	619.91	6.79	655.55	6.51	691.07	6.31
584.82	7.04	620.56	6.79	656.19	6.51	691.72	6.33
585.47	7.05	621.21	6.78	656.84	6.51	692.36	6.30
586.12	7.03	621.86	6.77	657.49	6.50	693.01	6.30
586.77	7.02	622.51	6.77	658.13	6.50	693.65	6.30
587.42	7.02	623.16	6.76	658.78	6.49	694.30	6.30
588.07	7.01	623.80	6.76	659.43	6.50	694.94	6.30
588.72	7.00	624.45	6.75	660.07	6.48	695.59	6.29
589.37	7.00	625.10	6.76	660.72	6.47	696.23	6.29
590.02	6.99	625.75	6.75	661.37	6.47	696.87	6.28
590.67	6.99	626.40	6.75	662.01	6.47	697.52	6.27
591.32	7.00	627.05	6.73	662.66	6.46	698.16	6.27
591.97	6.98	627.70	6.73	663.31	6.47	698.81	6.27
592.63	6.98	628.34	6.73	663.95	6.45	699.45	6.27
593.28	6.98	628.99	6.73	664.60	6.45	700.10	6.26
593.93	6.97	629.64	6.72	665.25	6.46	700.74	6.26
594.58	6.96	630.29	6.72	665.89	6.45	701.39	6.26
595.23	6.95	630.94	6.71	666.54	6.44	702.03	6.27
595.88	6.94	631.59	6.70	667.19	6.45	702.67	6.25
596.53	6.94	632.23	6.71	667.83	6.44	703.32	6.25
597.18	6.92	632.88	6.70	668.48	6.43	703.96	6.26
597.83	6.91	633.53	6.69	669.12	6.43	704.61	6.24
598.48	6.90	634.18	6.69	669.77	6.43	705.25	6.24
599.13	6.92	634.83	6.69	670.42	6.42	705.90	6.24
599.78	6.90	635.48	6.68	671.06	6.41	706.54	6.24
600.43	6.89	636.12	6.68	671.71	6.42	707.18	6.23
601.08	6.88	636.77	6.68	672.35	6.40	707.83	6.23
601.73	6.88	637.42	6.67	673.00	6.40	708.47	6.24
602.38	6.87	638.07	6.67	673.65	6.39	709.11	6.25
603.03	6.87	638.71	6.66	674.29	6.39	709.76	6.24
603.68	6.87	639.36	6.66	674.94	6.39	710.40	6.23
604.33	6.87	640.01	6.66	675.58	6.38	711.05	6.22
604.98	6.86	640.66	6.65	676.23	6.38	711.69	6.22
605.63	6.86	641.31	6.64	676.88	6.38	712.33	6.21
606.28	6.86	641.95	6.63	677.52	6.37	712.98	6.20
606.93	6.86	642.60	6.63	678.17	6.37	713.62	6.20
607.58	6.85	643.25	6.62	678.81	6.38	714.26	6.19
608.23	6.85	643.90	6.62	679.46	6.37	714.91	6.19
608.88	6.84	644.54	6.61	680.10	6.38	715.55	6.19
609.52	6.83	645.19	6.60	680.75	6.37	716.20	6.17
610.17	6.84	645.84	6.60	681.39	6.37	716.84	6.17
610.82	6.83	646.49	6.58	682.04	6.36	717.48	6.17
611.47	6.83	647.13	6.57	682.68	6.36	718.13	6.17
612.12	6.83	647.78	6.58	683.33	6.35	718.77	6.17
612.77	6.82	648.43	6.56	683.98	6.35	719.41	6.16

STATION SBED47.AUG:: CRUISE 91g02 DATE & TIME Sat Mar 09 08:55:59 1991, Julian day = 68  
 LAT 27 43.15 LUN 94 58.8 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
1.0	20.556	<del>35.343</del>	<del>24.877</del>	<del>1.234</del>	64.0	20.274	36.328	25.703	8.951	131.0	16.148	36.145	26.595	9.096
2.0	20.556	<del>36.092</del>	<del>25.447</del>	<del>5.694</del>	65.0	20.274	36.328	25.703	8.943	133.0	16.151	36.139	26.590	9.098
3.0	20.559	<del>36.107</del>	<del>25.519</del>	<del>8.373</del>	66.0	20.275	36.327	25.703	8.925	134.0	16.098	36.120	26.597	9.096
4.0	20.556	<del>36.107</del>	<del>25.459</del>	<del>7.759</del>	67.0	20.274	36.329	25.705	8.945	135.0	15.917	36.111	26.623	9.088
5.0	20.554	36.194	25.526	<del>8.936</del>	70.0	20.274	36.331	25.706	8.937	140.0	15.994	36.118	26.610	9.095
6.0	20.563	36.194	25.523	<del>8.677</del>	71.0	20.275	36.331	25.706	8.955	141.0	15.812	36.088	26.629	9.096
7.0	20.559	<del>36.177</del>	<del>25.911</del>	<del>7.942</del>	72.0	20.274	36.332	25.706	8.949	142.0	15.687	36.076	26.648	9.096
8.0	20.557	<del>36.104</del>	<del>25.521</del>	<del>7.723</del>	73.0	20.273	36.333	25.707	8.956	143.0	15.643	36.072	26.655	9.089
9.0	20.560	36.196	25.525	<del>9.589</del>	74.0	20.268	36.350	25.722	8.963	144.0	15.609	36.066	26.658	9.093
10.0	20.552	36.194	25.526	8.967	75.0	20.273	36.333	25.707	8.972	145.0	15.559	36.059	26.664	9.091
11.0	20.555	36.193	25.525	8.976	76.0	20.275	36.327	25.702	8.958	147.0	15.643	36.067	26.652	9.102
12.0	20.563	36.190	25.521	8.951	77.0	20.272	36.335	25.709	8.966	148.0	15.560	36.047	26.655	9.099
13.0	20.557	36.193	25.524	8.973	78.0	20.272	36.335	25.709	8.964	149.0	15.335	36.018	26.683	9.098
14.0	20.558	36.193	25.524	8.973	79.0	20.271	36.337	25.711	8.962	150.0	15.250	36.014	26.699	9.097
15.0	20.562	36.192	25.522	8.972	80.0	20.270	36.319	25.698	8.961	151.0	15.224	36.010	26.702	9.099
16.0	20.567	36.190	25.520	8.973	81.0	20.269	36.339	25.713	8.981	153.0	15.043	35.989	26.726	9.098
17.0	20.567	36.191	25.520	8.974	82.0	20.268	36.340	25.714	8.979	154.0	15.161	36.001	26.709	9.100
18.0	20.571	36.190	25.518	8.974	83.0	20.283	36.340	25.710	8.980	155.0	15.144	35.992	26.706	9.099
19.0	20.569	36.190	25.520	8.971	84.0	20.241	36.351	25.730	8.979	156.0	15.048	35.979	26.718	9.099
20.0	20.570	36.199	25.525	8.976	85.0	20.211	36.356	25.742	8.989	157.0	15.034	35.978	26.720	9.103
21.0	20.580	36.229	25.545	8.974	87.0	19.960	36.388	25.833	8.986	159.0	14.978	35.968	26.724	9.097
22.0	20.583	36.230	25.545	8.975	88.0	19.696	36.416	25.924	9.002	160.0	14.966	35.968	26.727	9.103
23.0	20.573	36.255	25.567	8.970	94.0	19.025	36.450	26.125	9.039	161.0	14.959	35.966	26.727	9.107
24.0	20.551	36.282	25.594	8.979	95.0	18.800	36.441	26.176	9.039	162.0	14.966	35.971	26.729	9.108
25.0	20.531	36.290	25.605	8.974	96.0	18.756	36.430	26.178	9.042	163.0	14.957	35.964	26.726	9.106
26.0	20.507	36.290	25.612	8.980	97.0	18.681	36.428	26.196	9.046	164.0	14.902	35.954	26.730	9.105
34.0	20.371	36.301	25.657	8.985	98.0	18.457	36.413	26.246	9.055	165.0	14.824	35.943	26.739	9.098
35.0	20.361	36.304	25.662	8.980	100.0	18.323	36.404	26.268	9.055	166.0	14.768	35.936	26.746	9.094
36.0	20.357	36.305	25.664	8.978	101.0	18.271	36.399	26.277	9.062	167.0	14.735	35.931	26.750	9.096
38.0	20.350	36.304	25.665	8.979	102.0	18.210	36.394	26.288	9.070	169.0	14.636	35.916	26.760	9.108
39.0	20.345	36.305	25.667	8.981	103.0	18.164	36.387	26.295	9.071	170.0	14.685	35.921	26.752	9.098
40.0	20.344	36.306	25.668	8.973	104.0	18.119	36.474	26.373	9.068	171.0	14.561	35.902	26.765	9.086
41.0	20.341	36.282	25.650	8.967	110.0	17.543	36.329	26.404	9.076	172.0	14.532	35.899	26.769	9.092
44.0	20.328	36.307	25.673	8.984	111.0	17.639	36.330	26.382	9.079	173.0	14.511	35.894	26.769	9.090
45.0	20.321	36.308	25.675	8.967	112.0	17.504	36.318	26.405	9.082	174.0	14.463	35.887	26.775	9.093
46.0	20.313	36.308	25.677	8.968	113.0	17.450	36.312	26.414	9.074	175.0	14.420	35.885	26.782	9.091
47.0	20.301	36.311	25.684	8.965	114.0	17.388	36.304	26.423	9.081	176.0	14.419	35.883	26.781	9.096
48.0	20.303	36.314	25.685	8.968	117.0	17.193	36.280	26.451	9.083	177.0	14.405	35.872	26.775	9.098
49.0	20.302	36.311	25.683	8.965	118.0	17.117	36.272	26.464	9.087	178.0	14.357	35.866	26.781	9.099
50.0	20.303	36.314	25.685	8.965	119.0	17.077	36.268	26.470	9.091	179.0	14.334	35.867	26.787	9.102
51.0	20.302	36.315	25.686	8.960	120.0	17.040	36.262	26.475	9.092	180.0	14.306	35.867	26.793	9.101
52.0	20.310	36.319	25.687	8.958	121.0	16.998	36.255	26.479	9.067	181.0	14.339	35.893	26.806	9.098
53.0	20.317	36.329	25.693	8.945	122.0	16.934	36.247	26.489	9.094	182.0	14.222	35.847	26.796	9.101
54.0	20.304	36.333	25.699	8.932	123.0	16.896	36.242	26.494	9.089	183.0	14.133	35.832	26.803	9.103
55.0	20.300	36.333	25.700	8.888	124.0	16.769	36.222	26.509	9.085	184.0	14.041	35.818	26.812	9.099
56.0	20.289	36.331	25.701	8.917	125.0	16.593	36.204	26.537	9.093	185.0	14.027	35.815	26.813	9.102
58.0	20.284	36.328	25.701	8.931	126.0	16.535	36.193	26.542	9.096	186.0	14.021	35.817	26.815	9.102
59.0	20.275	36.327	25.702	8.934	127.0	16.440	36.180	26.554	9.090	188.0	13.917	35.800	26.824	9.092
61.0	20.273	36.327	25.703	8.920	128.0	16.332	36.165	26.568	9.097	189.0	13.860	35.792	26.830	9.100
62.0	20.273	36.327	25.703	8.940	130.0	16.184	36.149	26.590	9.093	190.0	13.854	35.784	26.825	9.103

*spiking  
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 XSM*

STATION SBE047.AUG:: CRUISE 91g02 DATE & TIME Sat Mar 09 08:55:59 1991, Julian day = 68  
 LAT 27 43.15 LON 94 58.8 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
191.0	13.843	35.788	26.831	9.104	249.0	12.135	35.523	26.970	0.000	299.0	10.949	35.345	27.055	0.000
192.0	13.778	35.779	26.837	9.103	250.0	12.175	35.525	26.964	0.000	300.0	10.944	35.345	27.055	0.000
193.0	13.757	35.776	26.839	9.103	251.0	12.139	35.520	26.967	0.000	301.0	10.942	35.345	27.055	0.000
194.0	13.723	35.767	26.839	9.101	252.0	12.092	35.514	26.971	0.000	302.0	10.941	35.345	27.055	0.000
195.0	13.719	35.769	26.842	9.103	253.0	12.064	35.508	26.972	0.000	303.0	10.941	35.344	27.055	0.000
197.0	13.708	35.760	26.837	9.106	254.0	12.038	35.506	26.975	0.000	304.0	10.926	35.341	27.055	0.000
198.0	13.651	35.757	26.847	9.101	255.0	11.987	35.500	26.981	0.000	305.0	10.891	35.336	27.058	0.000
199.0	13.624	35.755	26.851	9.102	256.0	11.967	35.497	26.983	0.000	306.0	10.844	35.330	27.061	0.000
201.0	13.591	35.747	26.852	0.000	257.0	11.997	35.497	26.977	0.000	308.0	10.764	35.319	27.068	0.000
202.0	13.550	35.742	26.856	0.000	258.0	11.876	35.480	26.987	0.000	309.0	10.728	35.316	27.071	0.000
204.0	13.482	35.728	26.859	0.000	259.0	11.824	35.475	26.992	0.000	310.0	10.719	35.313	27.071	0.000
205.0	13.438	35.725	26.866	0.000	260.0	11.806	35.473	26.994	0.000	311.0	10.700	35.310	27.072	0.000
206.0	13.429	35.724	26.867	0.000	261.0	11.795	35.471	26.995	0.000	312.0	10.689	35.308	27.072	0.000
207.0	13.423	35.719	26.865	0.000	262.0	11.778	35.467	26.995	0.000	313.0	10.663	35.306	27.075	0.000
208.0	13.381	35.714	26.869	0.000	263.0	11.759	35.465	26.997	0.000	314.0	10.648	35.303	27.076	0.000
209.0	13.420	35.722	26.867	0.000	264.0	11.724	35.458	26.998	0.000	315.0	10.637	35.302	27.077	0.000
210.0	13.230	35.689	26.881	0.000	265.0	11.666	35.449	27.003	0.000	316.0	10.629	35.301	27.077	0.000
211.0	13.154	35.682	26.891	0.000	266.0	11.824	35.456	26.978	0.000	317.0	10.620	35.299	27.078	0.000
214.0	13.002	35.659	26.904	0.000	267.0	11.521	35.429	27.014	0.000	318.0	10.601	35.295	27.078	0.000
215.0	12.994	35.655	26.903	0.000	268.0	11.473	35.424	27.019	0.000	319.0	10.586	35.293	27.079	0.000
216.0	13.026	35.658	26.898	0.000	269.0	11.452	35.421	27.021	0.000	320.0	10.545	35.289	27.083	0.000
217.0	12.962	35.647	26.903	0.000	270.0	11.493	35.425	27.016	0.000	321.0	10.526	35.286	27.084	0.000
218.0	12.946	35.647	26.906	0.000	271.0	11.450	35.416	27.017	0.000	322.0	10.502	35.283	27.086	0.000
219.0	12.889	35.654	26.923	0.000	272.0	11.397	35.411	27.023	0.000	323.0	10.459	35.277	27.089	0.000
220.0	12.896	35.641	26.911	0.000	273.0	11.382	35.410	27.025	0.000	324.0	10.449	35.277	27.091	0.000
221.0	12.886	35.640	26.913	0.000	274.0	11.371	35.408	27.026	0.000	325.0	10.404	35.268	27.091	0.000
222.0	12.868	35.637	26.914	0.000	275.0	11.363	35.407	27.026	0.000	326.0	10.331	35.259	27.097	0.000
223.0	12.878	35.636	26.911	0.000	276.0	11.380	35.408	27.024	0.000	327.0	10.291	35.256	27.102	0.000
225.0	12.792	35.623	26.918	0.000	277.0	11.357	35.404	27.025	0.000	328.0	10.277	35.253	27.102	0.000
226.0	12.784	35.621	26.918	0.000	278.0	11.329	35.399	27.027	0.000	329.0	10.233	35.247	27.105	0.000
227.0	12.754	35.615	26.919	0.000	279.0	11.303	35.396	27.029	0.000	330.0	10.186	35.242	27.109	0.000
229.0	12.669	35.605	26.929	0.000	280.0	11.291	35.395	27.031	0.000	331.0	10.166	35.237	27.109	0.000
230.0	12.688	35.606	26.926	0.000	281.0	11.284	35.395	27.031	0.000	332.0	10.102	35.231	27.115	0.000
231.0	12.666	35.600	26.925	0.000	282.0	11.281	35.394	27.031	0.000	333.0	10.065	35.226	27.118	0.000
232.0	12.597	35.591	26.932	0.000	283.0	11.287	35.393	27.030	0.000	334.0	10.020	35.217	27.118	0.000
233.0	12.573	35.587	26.934	0.000	284.0	11.273	35.390	27.030	0.000	335.0	9.965	35.212	27.124	0.000
234.0	12.563	35.587	26.935	0.000	285.0	11.252	35.384	27.029	0.000	336.0	9.923	35.207	27.128	0.000
235.0	12.521	35.578	26.937	0.000	286.0	11.167	35.375	27.037	0.000	337.0	9.918	35.206	27.127	0.000
236.0	12.470	35.574	26.944	0.000	287.0	11.109	35.371	27.045	0.000	338.0	9.893	35.201	27.128	0.000
237.0	12.498	35.575	26.939	0.000	288.0	11.089	35.368	27.047	0.000	339.0	9.875	35.199	27.129	0.000
238.0	12.381	35.553	26.945	0.000	289.0	11.116	35.371	27.044	0.000	340.0	9.868	35.198	27.130	0.000
240.0	12.360	35.556	26.952	0.000	290.0	11.108	35.367	27.042	0.000	341.0	9.864	35.197	27.130	0.000
241.0	12.333	35.551	26.953	0.000	291.0	11.044	35.360	27.049	0.000	342.0	9.856	35.196	27.130	0.000
242.0	12.322	35.534	26.942	0.000	292.0	11.031	35.358	27.049	0.000	343.0	9.837	35.193	27.132	0.000
243.0	12.303	35.548	26.956	0.000	293.0	11.015	35.356	27.051	0.000	344.0	9.826	35.193	27.133	0.000
244.0	12.322	35.550	26.954	0.000	294.0	10.993	35.353	27.052	0.000	345.0	9.814	35.190	27.133	0.000
245.0	12.271	35.539	26.956	0.000	295.0	10.986	35.352	27.053	0.000	346.0	9.796	35.189	27.135	0.000
246.0	12.210	35.533	26.964	0.000	296.0	10.980	35.351	27.053	0.000	347.0	9.785	35.187	27.135	0.000
247.0	12.212	35.476	26.918	0.000	297.0	10.984	35.351	27.052	0.000	348.0	9.769	35.185	27.136	0.000
248.0	12.145	35.524	26.969	0.000	298.0	11.004	35.357	27.054	0.000	349.0	9.764	35.183	27.135	0.000



TRANSMITTANCE IN VOLTS  
8.50 9.00 9.50

TEMPERATURE DEG C  
15.00 20.00

SALINITY PPT  
35.50 36.00 36.50

DEPTH  
IN  
METERS

50

100

150

200

XSM

T

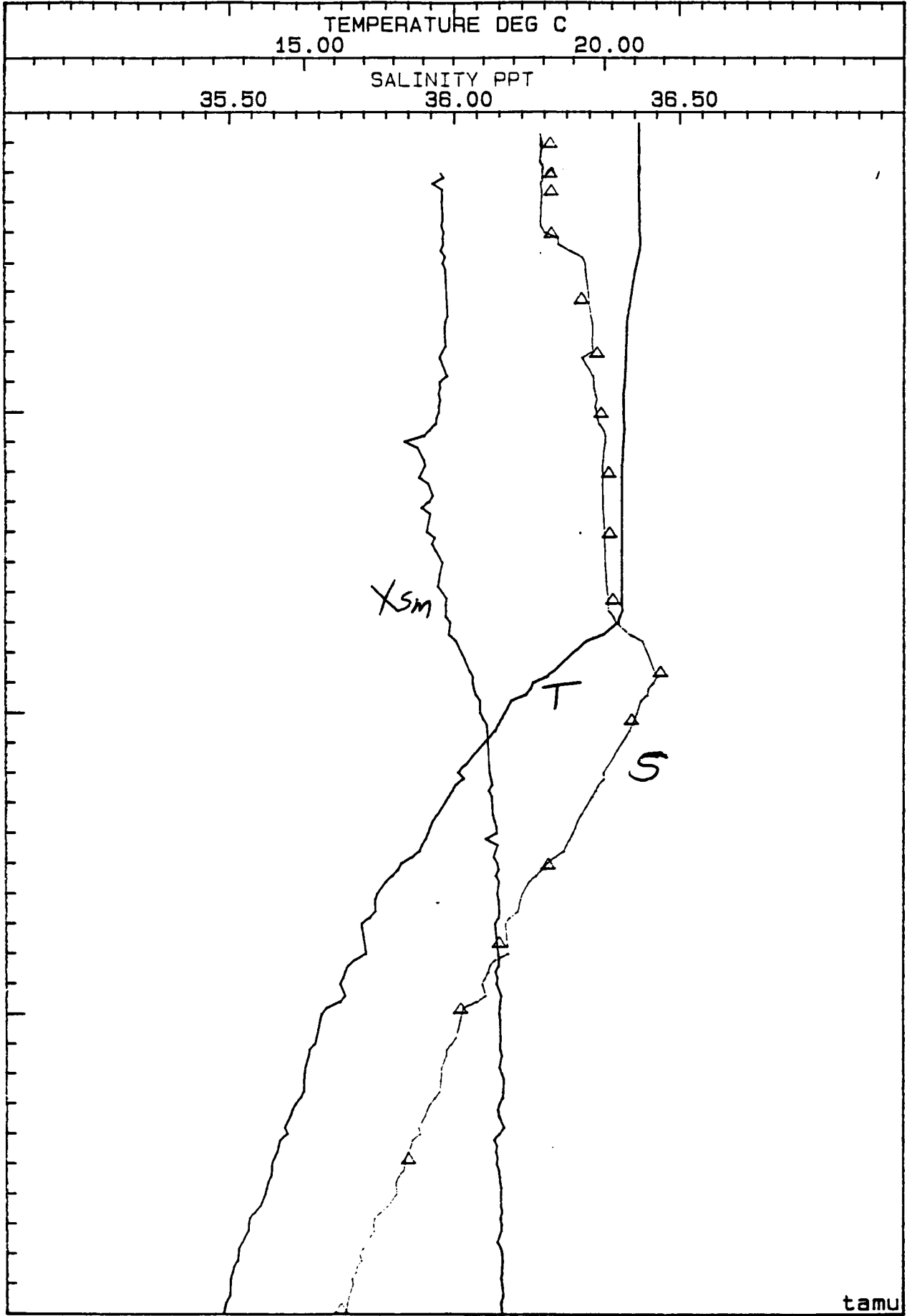
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tamu

CRUISE: 91g02 STATION: SBE047.A DATE: Mar 09 08: 55: 59 1991

LATITUDE: 27 43.15 LONGITUDE: 94 58.8

TRIANGLES DENOTE DISCRETE SAMPLES

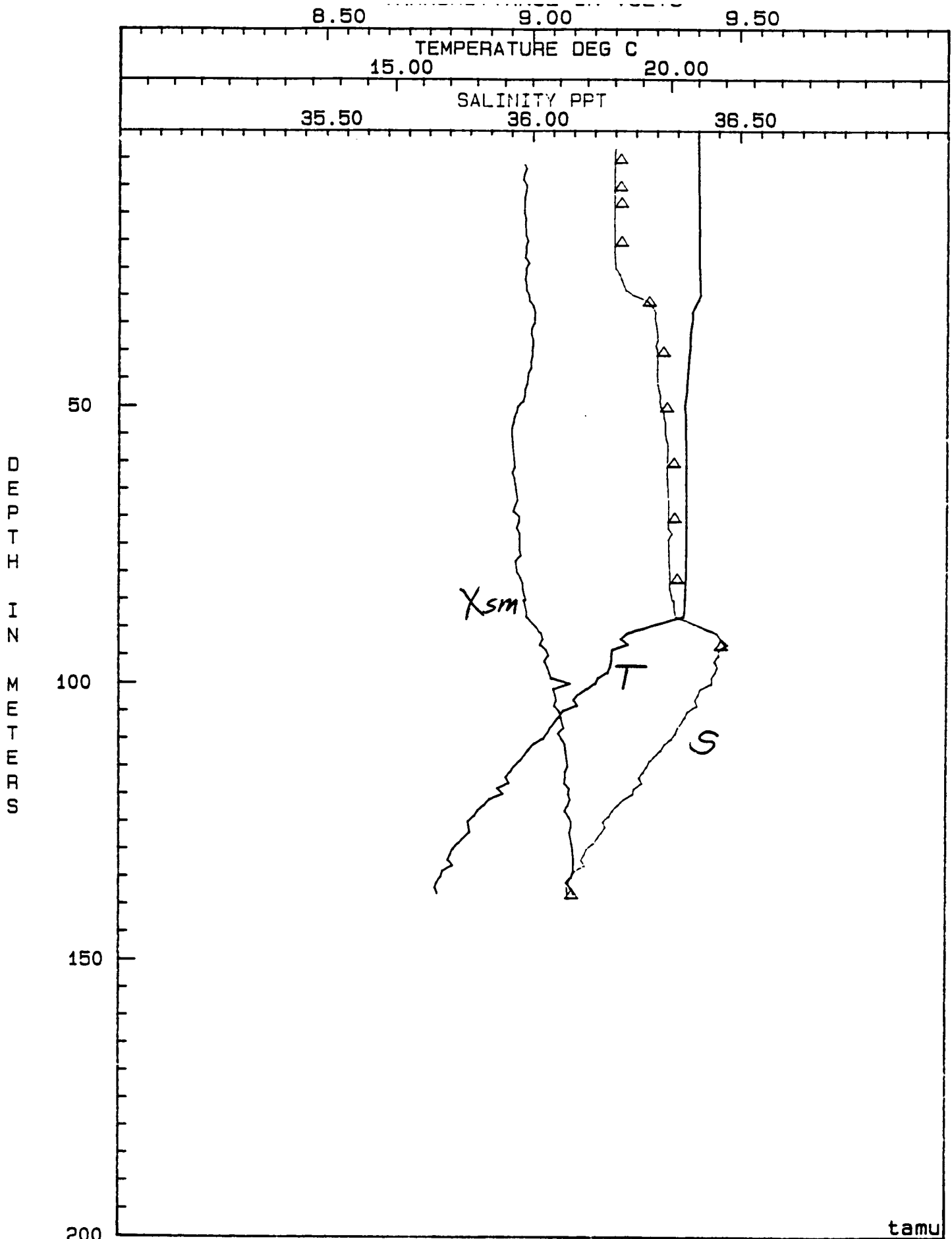




STATION SBE048.AUG:: CRUISE 91G02 DATE & TIME Sat Mar 09 12:24:00 1991, Julian day = 68  
 LAT 27 42.5 LUN 94 58.17 DEPTH OFF SET 0.0 SALINITY OFF SET 0.0

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
1.0	20.485	<del>36.131</del>	<del>25.497</del>	<del>8.977</del>	53.0	20.269	36.320	25.698	8.954	111.0	17.530	36.320	26.401	9.080
2.0	20.491	<del>36.136</del>	<del>25.499</del>	<del>8.979</del>	54.0	20.270	36.320	25.698	8.950	112.0	17.435	36.312	26.417	9.082
3.0	20.492	<del>36.201</del>	<del>25.548</del>	<del>8.985</del>	55.0	20.271	36.320	25.698	8.950	114.0	17.280	36.285	26.434	9.086
4.0	20.491	36.197	25.545	<del>8.958</del>	56.0	20.275	36.322	25.698	8.951	115.0	17.176	36.278	26.454	9.087
5.0	20.499	36.198	25.543	8.975	57.0	20.278	36.326	25.701	8.952	116.0	17.100	36.269	26.466	9.081
6.0	20.498	36.198	25.543	8.979	61.0	20.279	36.324	25.699	8.957	117.0	17.018	36.259	26.478	9.081
7.0	20.498	36.197	25.543	8.985	62.0	20.279	36.324	25.699	8.951	118.0	17.076	36.267	26.470	9.079
8.0	20.498	36.197	25.543	8.979	63.0	20.279	36.325	25.700	8.956	119.0	16.871	36.247	26.504	9.091
9.0	20.498	36.197	25.543	8.977	64.0	20.274	36.326	25.702	8.958	120.0	16.966	36.245	26.479	9.089
10.0	20.497	36.197	25.543	8.985	65.0	20.283	36.326	25.700	8.960	121.0	16.730	36.222	26.518	9.093
11.0	20.499	36.196	25.542	8.984	67.0	20.284	36.328	25.701	8.964	122.0	16.635	36.208	26.530	9.088
12.0	20.503	36.197	25.542	8.981	68.0	20.284	36.329	25.701	8.958	123.0	16.521	36.195	26.547	9.080
13.0	20.508	36.196	25.540	8.980	69.0	20.284	36.328	25.701	8.954	124.0	16.452	36.187	26.556	9.090
15.0	20.509	36.197	25.540	8.979	70.0	20.284	36.328	25.701	8.968	125.0	16.339	36.172	26.572	9.096
16.0	20.509	36.196	25.540	8.983	71.0	20.285	36.327	25.700	8.967	126.0	16.355	36.178	26.573	9.095
17.0	20.511	36.196	25.539	8.982	72.0	20.285	36.328	25.701	8.962	127.0	16.370	36.169	26.562	9.092
18.0	20.514	36.197	25.539	8.983	73.0	20.284	36.337	25.708	8.969	129.0	16.159	36.149	26.596	9.097
19.0	20.513	36.197	25.539	8.983	74.0	20.284	36.329	25.701	8.969	130.0	16.062	36.132	26.605	9.099
20.0	20.512	36.197	25.540	8.988	75.0	20.284	36.329	25.702	8.969	131.0	16.015	36.127	26.613	9.100
21.0	20.511	36.197	25.540	8.984	76.0	20.284	36.329	25.702	8.969	132.0	15.971	36.119	26.617	9.102
22.0	20.513	36.197	25.539	8.984	77.0	20.282	36.330	25.702	8.972	133.0	16.056	36.128	26.604	9.101
23.0	20.514	36.198	25.540	8.982	78.0	20.281	36.330	25.703	8.959	134.0	15.872	36.103	26.627	9.101
24.0	20.514	36.199	25.540	8.991	80.0	20.280	36.332	25.705	8.963	135.0	15.841	36.096	26.629	9.096
25.0	20.515	36.199	25.540	8.984	81.0	20.277	36.332	25.705	8.971	136.0	15.770	36.089	26.639	9.084
26.0	20.524	36.209	25.545	8.984	82.0	20.273	36.331	25.706	8.976	137.0	15.736	36.084	26.643	9.094
27.0	20.525	36.214	25.549	8.982	83.0	20.268	36.332	25.708	8.977	138.0	15.774	36.087	26.637	9.102
28.0	20.526	36.219	25.552	8.985	84.0	20.265	36.335	25.711	8.980					
29.0	20.528	36.224	25.556	8.985	85.0	20.263	36.338	25.714	8.984					
30.0	20.535	36.243	25.568	8.991	85.1	20.256	36.341	25.718	8.979					
31.0	20.497	36.273	25.602	8.992	87.0	20.254	36.343	25.720	8.986					
32.0	20.438	36.288	25.629	9.002	88.0	20.240	36.346	25.726	8.986					
33.0	20.385	36.296	25.649	9.006	91.0	19.236	36.446	26.067	9.022					
34.0	20.392	36.294	25.646	9.005	92.0	19.106	36.456	26.108	9.026					
35.0	20.380	36.296	25.650	9.005	93.0	19.239	36.472	26.086	9.019					
36.0	20.365	36.298	25.656	8.998	94.0	18.954	36.451	26.144	9.034					
37.0	20.350	36.300	25.662	8.997	95.0	18.937	36.451	26.148	9.039					
38.0	20.343	36.301	25.664	9.001	96.0	18.932	36.441	26.142	9.030					
39.0	20.349	36.297	25.659	9.001	97.0	18.913	36.448	26.152	9.037					
40.0	20.337	36.300	25.665	8.999	98.0	18.868	36.442	26.159	9.042					
41.0	20.332	36.301	25.667	8.999	99.0	18.702	36.435	26.196	9.046					
42.0	20.320	36.301	25.670	8.996	100.0	18.650	36.435	26.209	9.092					
43.0	20.317	36.301	25.671	8.997	101.0	18.497	36.407	26.226	9.052					
44.0	20.306	36.300	25.674	8.990	102.0	18.341	36.402	26.262	9.056					
46.0	20.293	36.301	25.678	8.987	103.0	18.251	36.395	26.279	9.059					
47.0	20.289	36.304	25.681	8.982	104.0	18.321	36.399	26.265	9.054					
48.0	20.277	36.308	25.687	8.982	105.0	18.069	36.376	26.311	9.066					
49.0	20.262	36.306	25.690	8.978	106.0	17.991	36.370	26.325	9.070					
50.0	20.251	36.308	25.695	8.965	108.0	17.830	36.352	26.352	9.077					
51.0	20.259	36.315	25.697	8.962	109.0	17.778	36.347	26.360	9.064					
52.0	20.269	36.316	25.696	8.956	110.0	17.705	36.337	26.371	9.072					

*still  
spiking  
in  
XSM*



CRUISE: 91G02 STATION: SBE048.A DATE: Mar 09 12: 24: 00 1991  
 LATITUDE: 27 42.5 LONGITUDE: 94 58.17  
 TRIANGLES DENOTE DISCRETE SAMPLES

Depths of Isotherms (m)

Ring Survey

Ship R/V OYR Cruise # 916-02

PAGE 1 of 4

XBT No.	10	11	12	13	14	15	16	17
Date (GMT)	3 Mar	3 Mar	3 Mar	4 Mar	4 Mar	4 Mar	4 Mar	4 Mar
Time (GMT)	17:50	20:00	22:18	02:18	04:23	07:14	09:17	12:02
N. Latitude	27 20	27 10	27 00	26 40	26 20	26 00	25 40	25 20
Probe S/N	202553	681	671	506	682	858		582
W. Longitude	93 30	93 07	92 45	92 45	92 45	92 45	92 45	92 45
Bucket POR depth	878m	998m	1247m	1560m	1800m	2200m	3100m	3400m
Surf. Sal. (‰)	36.37	36.38	36.37	36.23	36.48	36.50	36.47	36.22
Surf. Temp. (°C)	21.2	20.4		21.4	23.4	23.3		
3m Temp (°C)	21.15	21.16	21.32	21.46	23.61	23.35	22.73	22.63
28	/	/	/	/	/	/	/	/
27	/	/	/	/	/	/	/	/
26	/	/	/	21.3 20.2 0-63m	23.5 20.1 0-91m	23.5 20.1 4-97m	22.6 21.1 0-91m	22.5 21.1 0-57m
25	/	/	/					
24	/	/	/					
23	/	/	/	-	93	101	-	-
22	/	/	/	-	95	105	122	59
21	36	56	65	86	116	129	138	110
20	78	75	99	116	130	147	155	129
19	96	96	112	123	147	167	171	148
18	109	110	127	145	163	187	195	176
17	126	133	141	166	182	213	220	200
16	146	155	156	186	212	236	242	229
* 15	174	179	173	213	239	269	274	263
14	200	212	200	236	277	295	309	292
13	234	231	231	271	311	332	334	323
12	273	269	260	314	346	369	376	361
11	315	308	312	353	373	415	424	399
10	363	376	369	405	455	452	478	449
9	428	433	312	476	519	541	526	509
8	495	500	451	561	600	620	588	590
7	590	590	632	649	692	710	7684	716
6	758	737	759	784	822	837	826	835
5	(cm 2-878m)	998	1008	1000	OVER 1000 ↓	1093	OVER 1000	1066

Deep Mixed Layers →

Depths of Isotherms (m)

*R/V Survey*  
Page 2

Ship R/V *Gyre* Cruise # 91G-02

XBT No.	18	19	20	<del>CTD</del>	21	22	23	24
Date (GMT)	4 Mar	4 Mar	4 Mar	20	4 Mar	5 Mar	→	
Time (GMT)	14:04	17:38	19:47	19:53	23:00	03:51	06:20	08:30
N. Latitude	25°00	24°40	24°20	24°20	24°00	24°00	24°10	24°19
<i>S/N Probe</i>	203863	20549			203856	203852	203885	202511
W. Longitude	92°45	92°45	92°45	92°45	92°45	93°30	93°52	94°15
<i>Bucket</i> Surf. Sal. (‰)	36.43	36.35	36.46	<i>5m bottle</i> = 36.43	36.46	36.55	36.55	36.58
<i>Bucket</i> Surf. Temp. (°C)								
<i>2m Temp</i> 29 °C	23.42	23.37	23.56	<i>5m temp</i> = 23.43	23.61	23.79	24.03	23.44
28								
27								
26	23.4 ±0.1 2-107m	23.2 ±0.1 stc-92m	23.5 ±0.1 stc-102m		23.5 ±0.1 stc-109m	23.9 ±0.1 stc-77m		
25								
24				<i>W. cast</i> <i>stc</i>		012	019	
23	108	112	120		115	133	136	139
22	112	124	123	117	124	152	152	145
21	145	139	155	145	164	175	170	166
20	157	157	170	156	175	196	189	180
19	173	181	186	179	193	218	206	201
18	192	199	209	201	207	234	227	231
17	212	216	229	216	224	255	251	249
16	239	243	253	237	253	277	276	271
15	270	270	282	265	278	323	296	295
14	304	293	318	299	312	342	328	322
13	341	328	352	344	342	372	362	358
12	384	391	393	377	383	403	400	386
11	421	435	431	425	423	452	449	433
10	480	480	482	470	473	504	504	485
9	537	540	554	540	530	570	571	551
8	606	616	630	620	612	645	639	618
7	699	715	719	700	716	733	757	708
6	832	907	837		852	867	881	854

Depths of Isotherms (m) <sup>na artifacts!!</sup>

1119  
Surrey  
Page 3 of 4

Ship R/V Gyre Cruise # 9162

XBT No.	25	26	27	28	29	30	31	32
Date (GMT)	5 mar	→			6 mar	6 mar	6 March	6 mar
Time (GMT)	1237	14:42	18:50	21:54	01:34	04:35	09:09	11:18
N. Latitude	24° 30'	24 40	24 50	25 00	25° 10'	25 19'	25 29	25 49.93
S/N Probe	202687	—	202509	—	203940	202972	203835	203840
W. Longitude	13° 52.5	93 30	93 525	94 15	93° 55'	93 29'	93 52	93 52.4
Surf. Sal. (‰)	36.50	5m bottle = 36.44	36.60	5m bottle = 36.51	36.51	36.51	36.51	36.46
Surf. Temp. (°C)		36.40 @ 3m CTD		36.49 @ 3m CTD				
3m Temp	23.85	23.31	23.49	23.54	23.60	23.55	23.67	23.33
28								
27	23.70	23.30	23.30	23.50				
26	±0.1	±0.1	±0.1	±0.1				
25	55c-98m	5c-120m	20-110m	5c-111m				
24								
23	128	121	112	114	114	116	100	98
22	137	137	118	121	120	NA	112	91
21	158	153	139	134	134	138	119	84
20	169	167	155	148	148	160	132	122
19	188	179	126	169	164	171	151	142
18	206	203	196	189	187	215	171	168
17	229	229	217	206	209	238	192	192
16	250	248	238	227	233	266	211	217
15	278	275	265	250	255	290	230	243
14	310	302	296	278	280	326	263	271
13	346	336	323	307	317	369	296	302
12	376	372	354	330	356	417	337	355
11	421	411	400	358	403	469	387	389
10	479	465	449	411	450	540	468	458
9	537	532	513	475	511	597	524	513
8	604	609	589	540	592	NA	589	589
7	703	712	696	640	688	NA	698	685
6	856	859	840	776	853	NA	825	824

Bucket  
Bucket  
3m Temp

Depths of Isotherms (m)

King Survey

Ship R/V Gyrre Cruise # 91602

PAGE 4 of 4

XBT No.	33	<sup>(CTD)</sup> 34	<sup>(CTD)</sup> 35	36	37	38	39	40
Date (GMT)	CHAR		7 Mar					
Time (GMT)	1930	16:52	<del>20:19</del>	03:19	08:21	10:28	12:27	14:33
N. Latitude	26°10'	26°30'	26°50'	26°23'	26°00'	26°20'	26°40'	27°00'
W. Longitude	93°52.5	93°52.5	93°52.5	94°23'	95°00'	95°00'	95°00'	95°00'
PROF No	202500				202942	202722	202678	202
Surf. Sal. (‰)	36.48	36.41	36.33	NA	NA	36.17	36.18	36.16
Surf. Temp. (°C)	23.45	22.76	21.30	22.76	22.30	22.34	21.64	21.67
29 °C								
28			21.3	22.6	22.1	22.1	21.5	21.5
27	23.3	22.7	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1
26	±0.1	±0.1	3-28 m	3-25m	4-27m	6-35m	55c-35m	3-33m
25	370-74 m							
24					SEE RAW DATA			
23	75	-	-	-	-			
22	77	67	-	31	75	35	-	
21	79	79	38	63	172	60	59	61
20	131	87	100	111	208	73	84	86
19	153	104	108	122	302	102	106	105
18	172	126	125	144	350	116	125	127
17	191	152	144	162	377	139	142	158
16	205	181	167	183		164	169	192
15	232	209	195	214		186	194	222
14	266	237	221	244		209	221	258
13	297	273	248	282		238	254	291
12	338	312	279	319		279	293	320
11	376	353	333	363		326	334	365
10	429	411	383	408		371	384	404
9	490	481	435	470		429	450	461
8	568	570	502	541		504	530	535
7	674	666	597	648		594	618	626
6	825	803	741	802		726	762	782
5			991	>1000		990	985	>1000

34.00

35.00

36.00

25.0

91G-02  
T-S Composite  
Stations 1 - 48

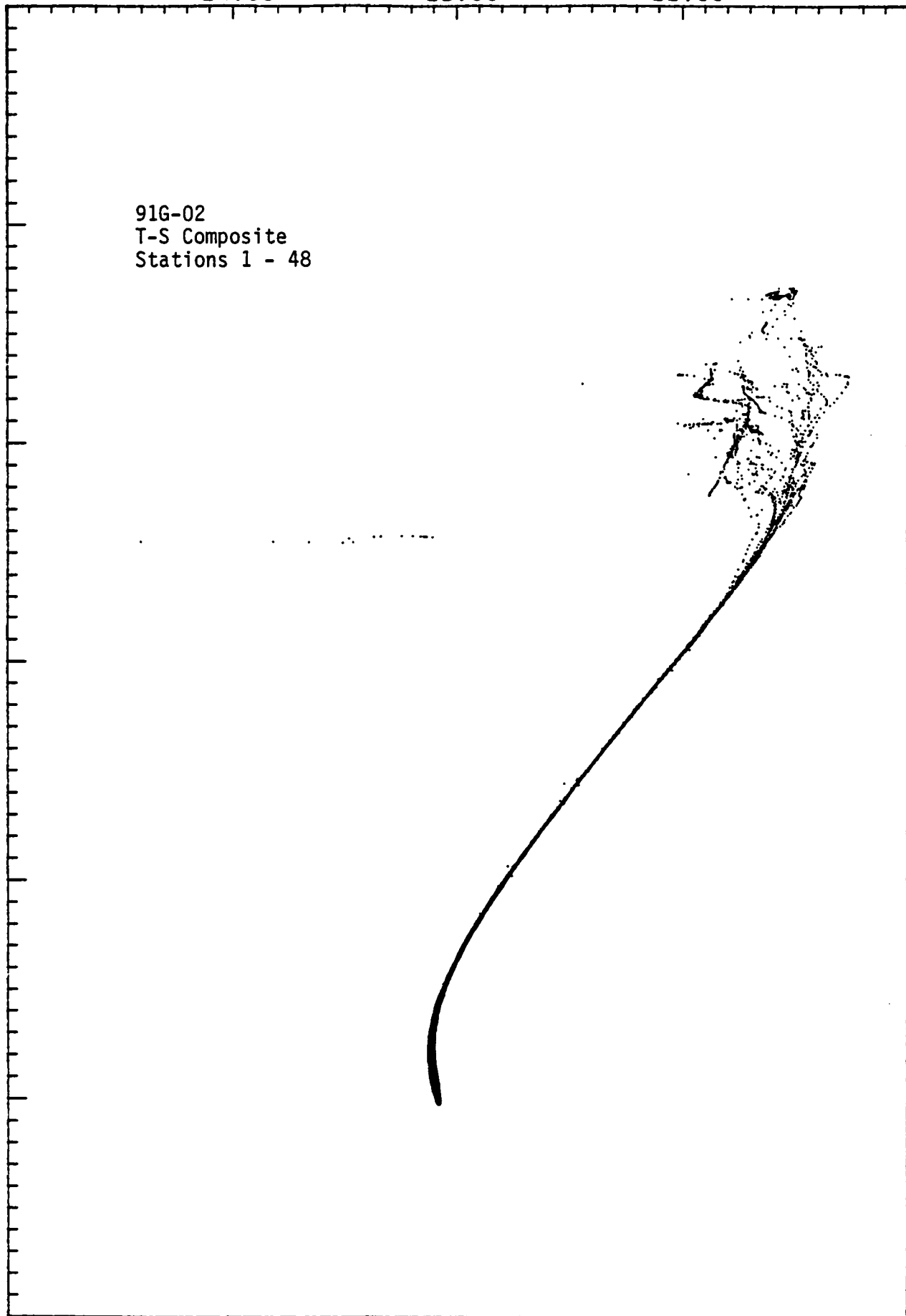
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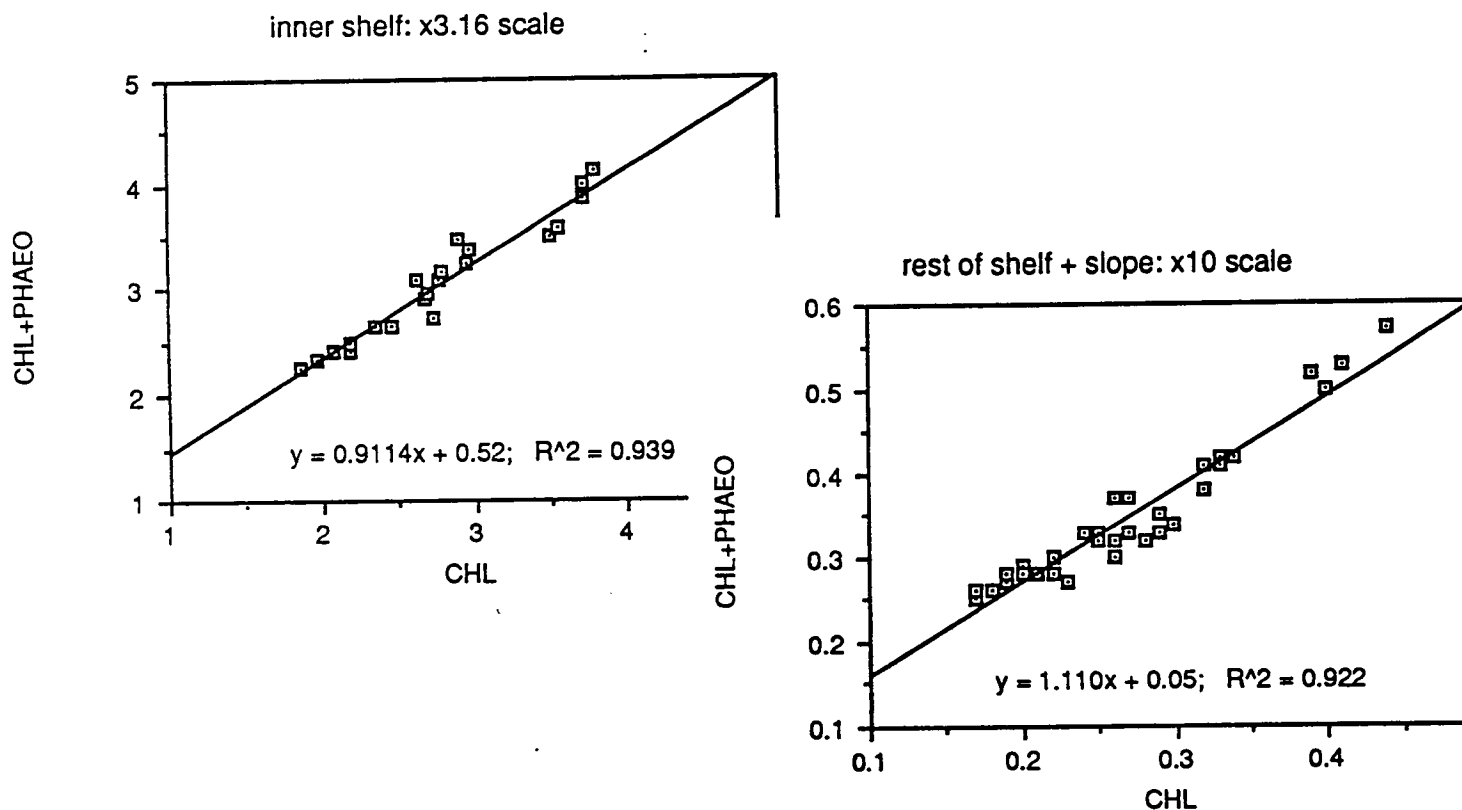
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## BOTTLE DATA

At each CTD station, up to twelve 30-liter Niskin bottles were tripped on the upcast for analysis of nutrients, and of chlorophyll + acid degradation products. Nutrient analyses for nitrate, nitrite, ammonium, silicate and phosphate were carried out on board, with our Alpkem IWA-6 autoanalyzer and pigments were estimated by the "Turner" fluorometric method (see Parsons et al, 1985). Dissolved oxygen was measured at CTD stations from 24 on, by a modified Winkler titration method.

The following tables and plots summarize chlorophyll, dissolved oxygen, and nutrient analyses run at sea on these samples. In the tables, Temperature = CTD temperature, and Salinity = bottle salinity. Concentrations of nutrients are reported as  $\mu\text{moles/liter}$ , where  $\text{NH}_4$  = ammonium;  $\text{P}_04$  = phosphate;  $\text{Si}(\text{OH})_4$  = silicate;  $\text{N}_03$  = nitrate; and  $\text{N}_02$  = nitrite. Concentrations of chlorophyll are reported as  $\text{mg/liter}$ , for either 500 ml samples (Sta 01; 02) or 1000 ml samples (all other stations) that were filtered through GF/F filters. Phaeopigment data are not included in these data tables, but as on previous TIGER cruises phaeopigments were not common in surface waters:



Cumulative property-property plots for all CTD stations illustrating nitrate-temperature, phosphate-temperature, and silicate-temperature relationships are included at the end of this section.



TEXAS A & M DEPARTMENT OF OCEANOGRAPHY PHYSICAL DATA

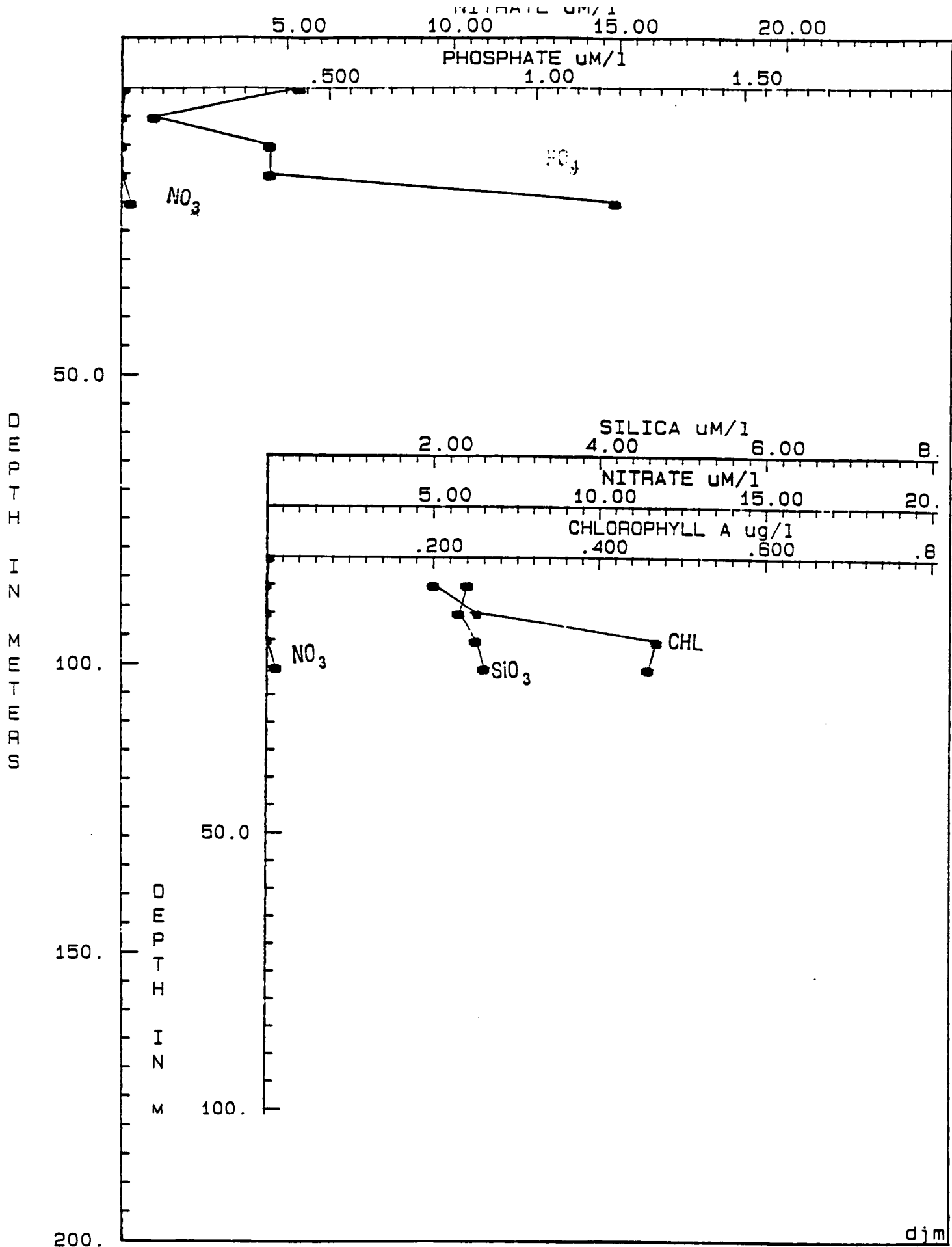
CRUISE 91G02 STATION B91G02\*01\*1 DATE 1 MAR 91 GMT 0721 LATITUDE 28 47.4 LONGITUDE 94 24.5

WIRE LENGTH METERS	THERMOMETRIC DEPTH METERS	TEMPERATURE DEG C	CHLOROPHYLL mg/l	UNPROTECTED TEMP DEG C	SALINITY PPT	OXYGEN ml/l	NH4 um/l	PO4 um/l	Si(OH)4 um/l	NO3 um/l	NO2 um/l	UREA um/l
0	----	17.52	-----	-----	30.883	-----	.85	.43	-----	.10	.12	----
5	----	17.71	.20	-----	34.693	-----	.45	.08	2.40	0.00	.06	----
10	----	17.74	.25	-----	34.989	-----	.56	.36	2.30	0.00	.15	----
15	----	17.88	.47	-----	35.096	-----	.52	.36	2.50	0.00	.10	----
20	----	17.87	.46	-----	35.109	-----	1.38	1.19	2.60	.30	.12	----

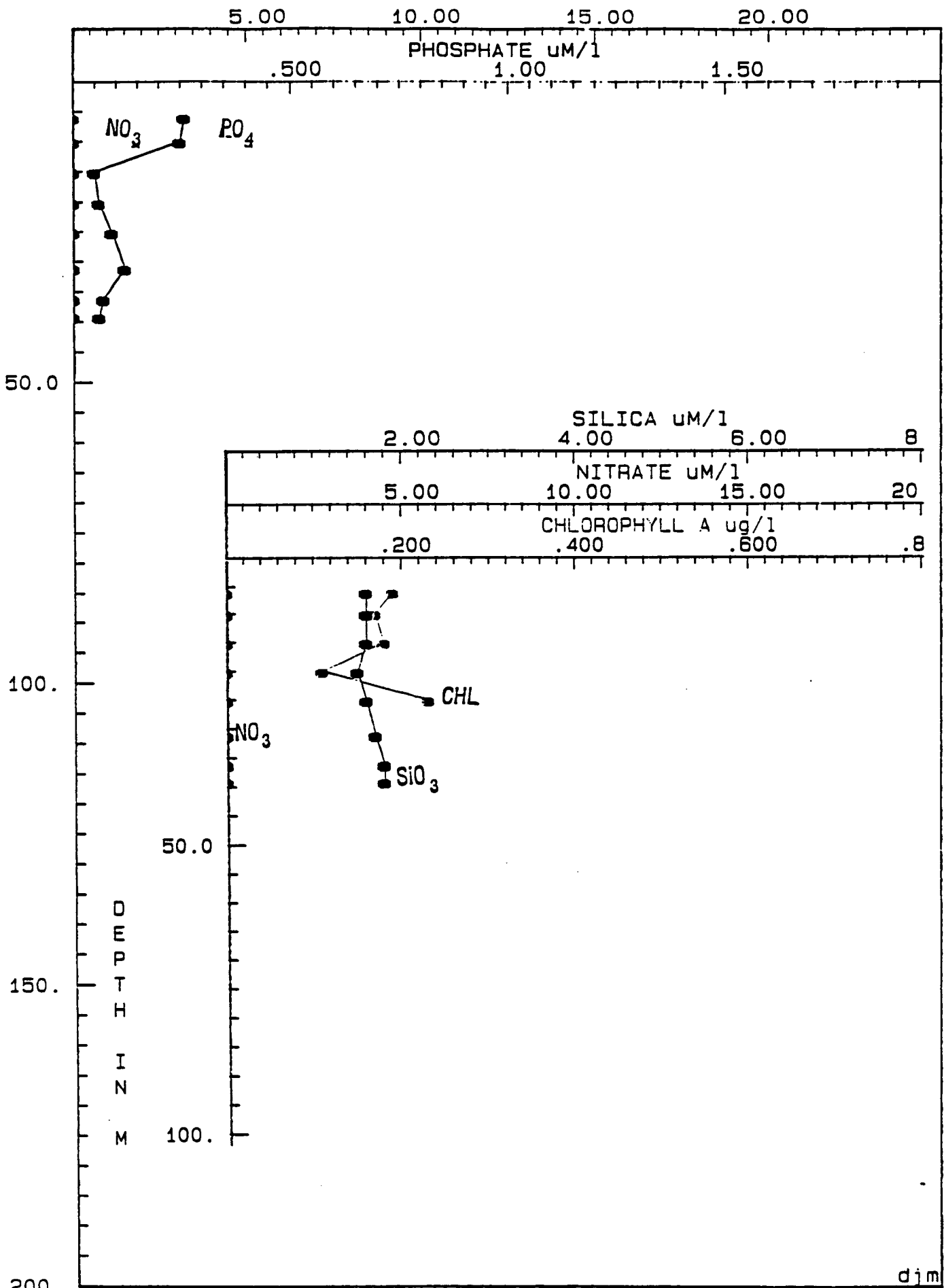
TEXAS A & M DEPARTMENT OF OCEANOGRAPHY PHYSICAL DATA

CRUISE 91G02 STATION B91G02\*02\*1 DATE 2 MAR 91 GMT 1152 LATITUDE 28 25.4 LONGITUDE 94 11.1

WIRE LENGTH METERS	THERMOMETRIC DEPTH METERS	TEMPERATURE DEG C	CHLOROPHYLL mg/l	UNPROTECTED TEMP DEG C	SALINITY PPT	OXYGEN ml/l	NH4 um/l	PO4 um/l	Si(OH)4 um/l	NO3 um/l	NO2 um/l	UREA um/l
6	----	19.23	.19	-----	36.201	-----	.15	.26	1.60	0.00	0.00	----
10	----	19.23	.17	-----	36.202	-----	.27	.25	1.60	0.00	0.00	----
15	----	19.23	.18	-----	36.204	-----	.15	.05	1.60	0.00	0.00	----
20	----	19.14	.11	-----	36.211	-----	.10	.06	1.50	0.00	.01	----
25	----	19.12	.23	-----	36.210	-----	.12	.09	1.60	0.00	0.00	----
31	----	19.11	-----	-----	36.212	-----	.08	.12	1.70	0.00	0.00	----
36	----	19.11	-----	-----	36.219	-----	.13	.07	1.80	0.00	.02	----
39	----	19.11	-----	-----	36.222	-----	.16	.06	1.80	0.00	.04	----



CRUISE: 91G02 STATION: B91G02\*01\*1 DATE: 1 MAR91  
 LATITUDE: 28 47.4 LONGITUDE: 94 24.5



CRUISE: 91G02 STATION: B91G02\*02\*1 DATE: 2 MAR 91  
 LATITUDE: 28 25.4 LONGITUDE: 94 11.1

TEXAS A & M DEPARTMENT OF OCEANOGRAPHY PHYSICAL DATA

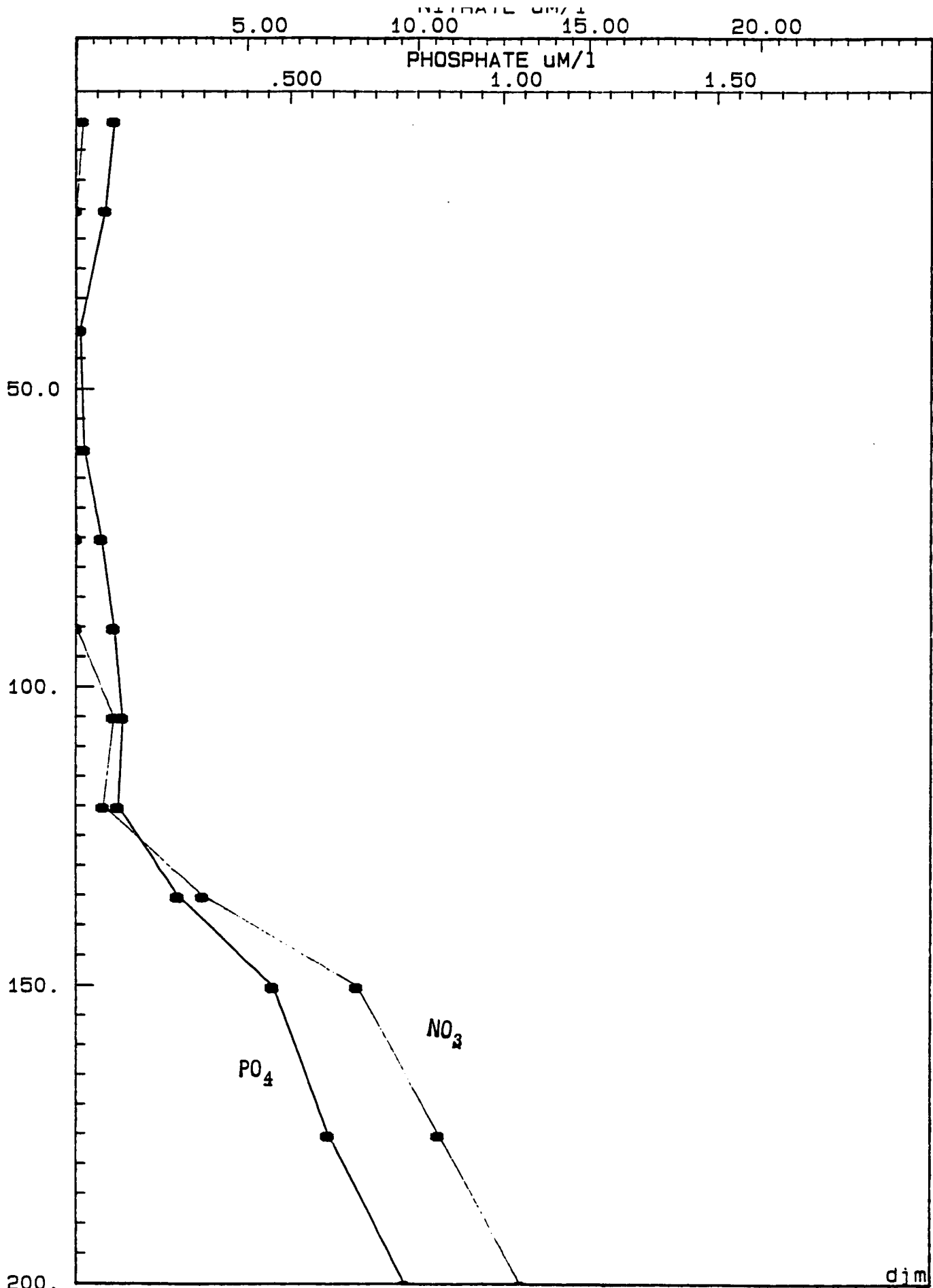
CRUISE 91G02 STATION B91G02\*18\*1 DATE 4 MAR 91 GMT 1444 LATITUDE 25 .3 LONGITUDE 92 45.1

WIRE LENGTH METERS	THERMOMETRIC DEPTH METERS	TEMPERATURE DEG C	CHLOROPHYLL mg/l	UNPROTECTED TEMP DEG C	SALINITY PPT	OXYGEN ml/l	NH4 um/l	PO4 um/l	Si(OH)4 um/l	NO3 um/l	NO2 um/l	UREA um/l
5	----	23.40	.19	----	36.392	-----	0.00	.09	1.60	.20	0.00	----
20	----	23.43	.18	----	36.399	-----	0.00	.07	1.30	0.00	0.00	----
40	----	23.42	.16	----	36.414	-----	0.00	.01	1.30	0.00	0.00	----
60	----	23.44	.18	----	36.414	-----	0.00	.02	1.30	0.00	0.00	----
75	----	23.46	.05	----	36.431	-----	0.00	.06	1.40	0.00	0.00	----
90	----	23.47	.04	----	36.438	-----	0.00	.09	1.50	0.00	0.00	----
105	----	23.02	.06	----	36.296	-----	0.00	.11	1.80	1.10	.03	----
120	----	21.35	.01	----	36.324	-----	0.00	.10	2.00	.80	.06	----
135	----	21.05	.01	----	36.438	-----	0.00	.24	2.40	3.70	0.00	----
150	----	19.86	.01	----	36.520	-----	0.00	.46	3.40	8.20	0.00	----
175	----	18.60	.02	----	36.466	-----	0.00	.59	3.90	10.60	0.00	----
200	----	17.25	.02	----	36.303	-----	0.00	.77	4.90	13.00	0.00	----

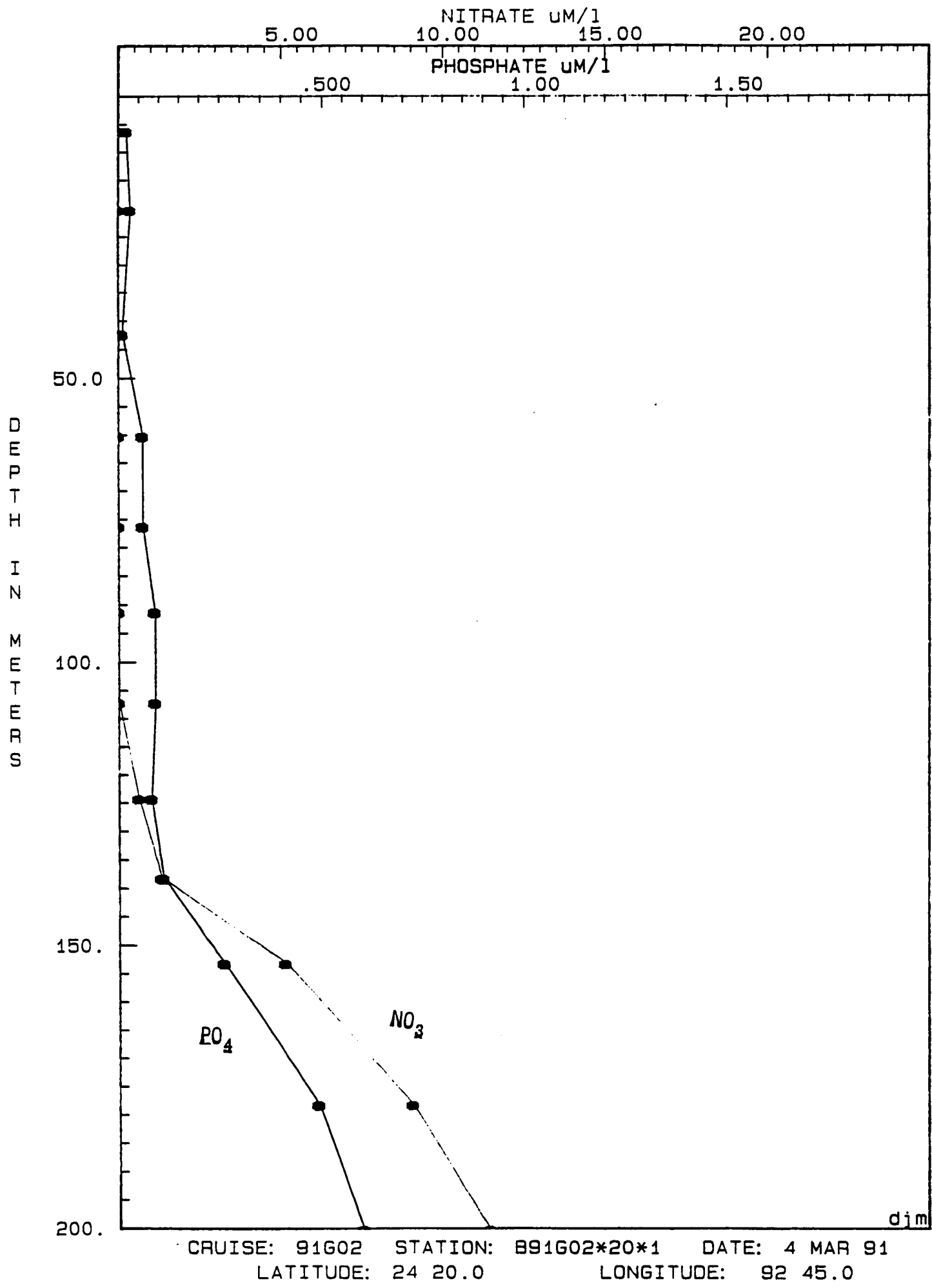
TEXAS A & M DEPARTMENT OF OCEANOGRAPHY PHYSICAL DATA

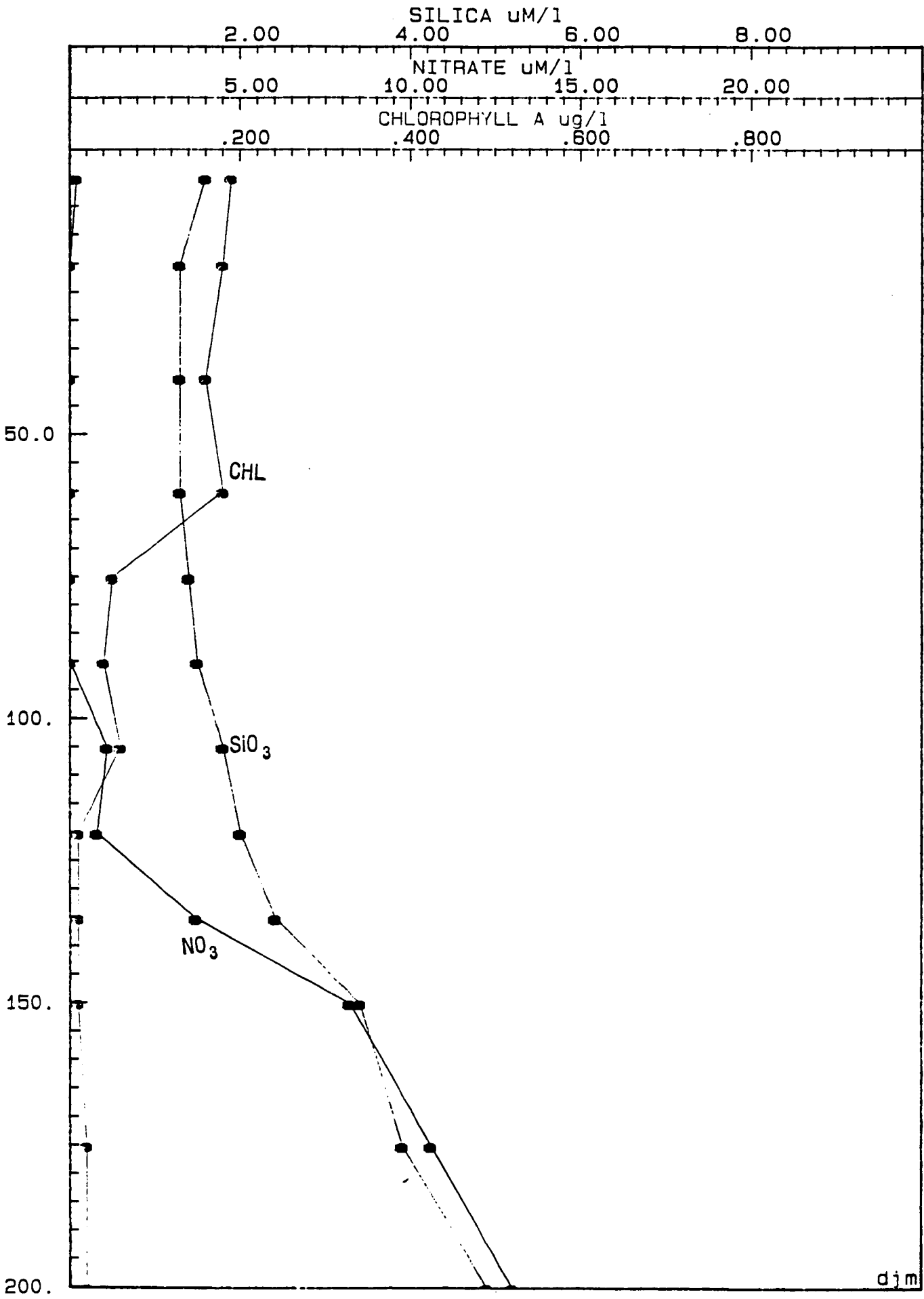
CRUISE 91G02 STATION B91G02\*20\*1 DATE 4 MAR 91 GMT 1955 LATITUDE 24 20.0 LONGITUDE 92 45.0

WIRE LENGTH METERS	THERMOMETRIC DEPTH METERS	TEMPERATURE DEG C	CHLOROPHYLL mg/l	UNPROTECTED TEMP DEG C	SALINITY PPT	OXYGEN ml/l	NH4 um/l	PO4 um/l	Si(OH)4 um/l	NO3 um/l	NO2 um/l	UREA um/l
6	----	23.44	.13	----	36.425	-----	0.00	.02	1.80	0.00	0.00	----
20	----	23.38	.15	----	36.425	-----	0.00	.03	1.40	0.00	0.00	----
42	----	23.38	.17	----	36.428	-----	0.00	.01	1.40	0.00	0.00	----
60	----	23.35	----	----	36.431	-----	0.00	.06	1.40	0.00	0.00	----
76	----	23.35	.21	----	36.431	-----	0.00	.06	1.50	0.00	.01	----
91	----	23.35	.18	----	36.430	-----	0.00	.09	1.50	0.00	.02	----
107	----	23.36	.05	----	36.426	-----	0.00	.09	1.50	0.00	.03	----
124	----	21.59	.03	----	36.205	-----	0.00	.08	1.60	.60	.01	----
138	----	21.29	.03	----	36.355	-----	0.00	.11	1.60	1.30	.03	----
153	----	20.76	.01	----	36.530	-----	0.00	.26	2.40	5.10	.02	----
178	----	19.27	.01	----	36.548	-----	0.00	.49	3.10	9.00	.02	----
200	----	18.06	.01	----	36.418	-----	0.00	.60	3.90	11.40	.01	----



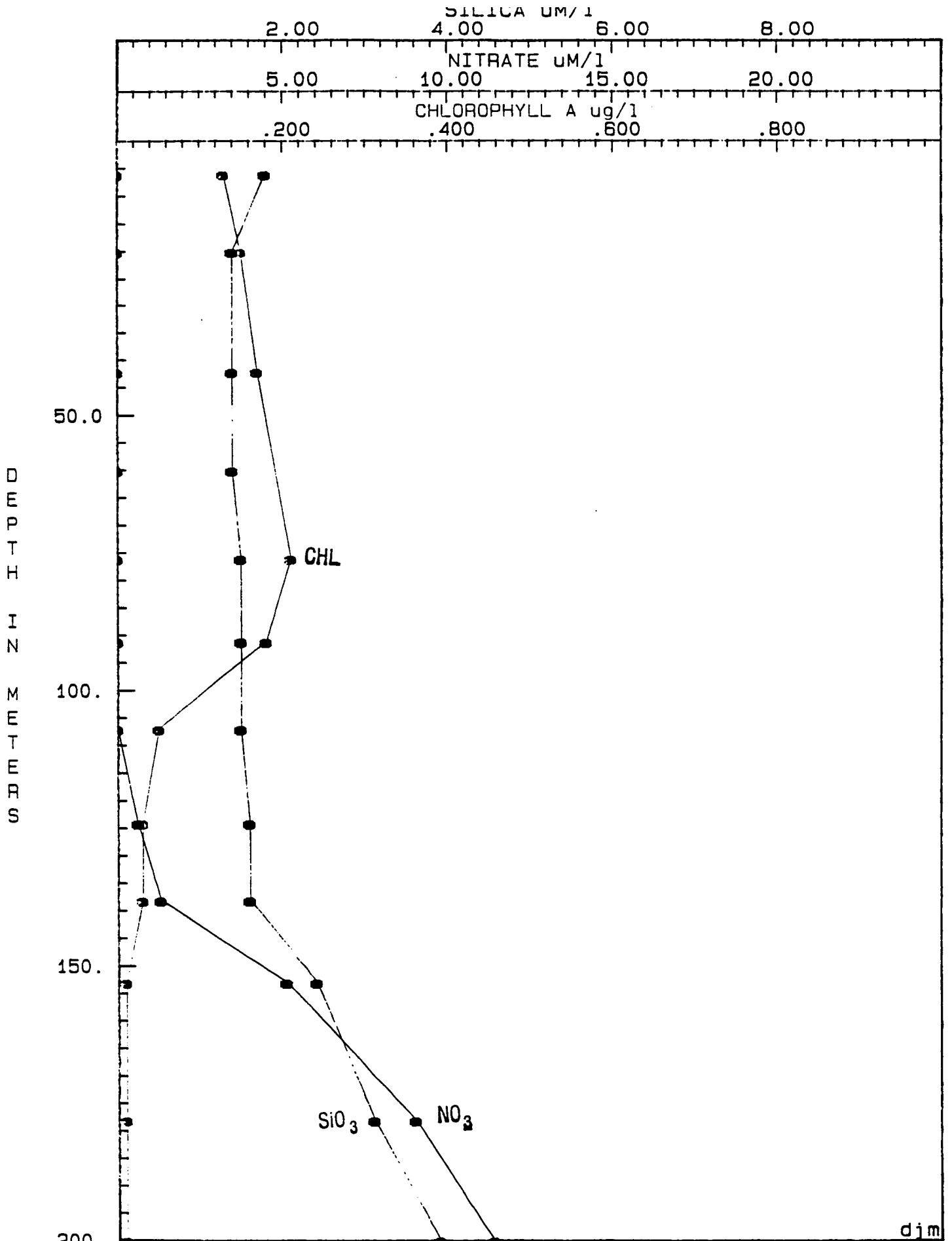
CRUISE: 91G02 STATION: B91G02\*18\*1 DATE: 4 MAR 91  
 LATITUDE: 25 .3 LONGITUDE: 92 45.1





CRUISE: 91G02 STATION: B91G02\*18\*1 DATE: 4 MAR 91  
 LATITUDE: 25 .3 LONGITUDE: 92 45.1

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CRUISE: 91G02 STATION: B91G02\*20\*1 DATE: 4 MAR 91  
 LATITUDE: 24 20.0 LONGITUDE: 92 45.0

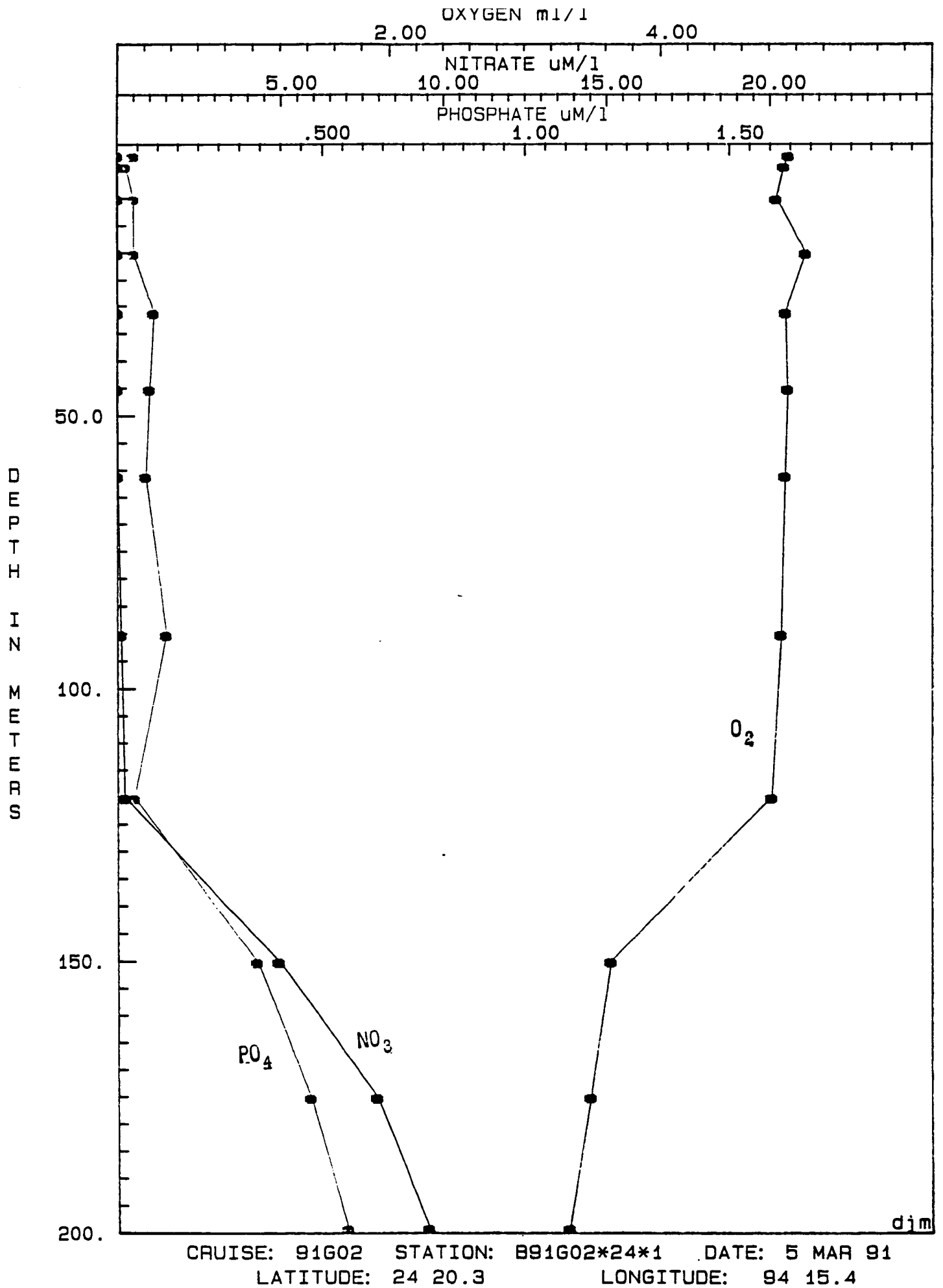
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TEXAS A & M DEPARTMENT OF OCEANOGRAPHY PHYSICAL DATA

CRUISE 91G02 STATION B91G02\*24\*1 DATE 5 MAR 91 GMT 0925 LATITUDE 24 20.3 LONGITUDE 94 15.4

WIRE LENGTH METERS	THERMOMETRIC DEPTH METERS	TEMPERATURE DEG C	CHLOROPHYLL mg/l	UNPROTECTED TEMP DEG C	SALINITY PPT	OXYGEN ml/l	NH4 um/l	PO4 um/l	Si(OH)4 um/l	NO3 um/l	NO2 um/l	UREA um/l
2	----	23.34	.19	-----	36.481	4.939	.04	.04	1.40	0.00	.01	----
4	----	23.34	.19	-----	36.483	4.905	.06	.02	1.40	0.00	0.00	----
10	----	23.35	.21	-----	36.482	4.847	.03	.04	1.30	0.00	.01	----
20	----	23.36	.23	-----	36.479	5.063	.07	.04	1.40	0.00	.01	----
31	----	23.36	.22	-----	36.481	4.916	.08	.09	1.30	0.00	.02	----
45	----	23.38	-----	-----	36.483	4.933	.05	.08	1.30	0.00	.01	----
61	----	23.38	.24	-----	36.483	4.911	.12	.07	1.50	0.00	.04	----
90	----	23.39	.22	-----	36.486	4.881	.19	.12	1.50	.10	.04	----
120	----	23.37	.18	-----	36.490	4.812	.08	.04	1.50	.20	.03	----
150	----	21.58	.01	-----	36.719	3.628	.14	.34	2.10	4.90	.03	----
175	----	19.96	.01	-----	36.566	3.478	.04	.47	3.10	7.90	.04	----
199	----	18.83	0.00	-----	36.508	3.321	.08	.56	3.50	9.50	.03	----



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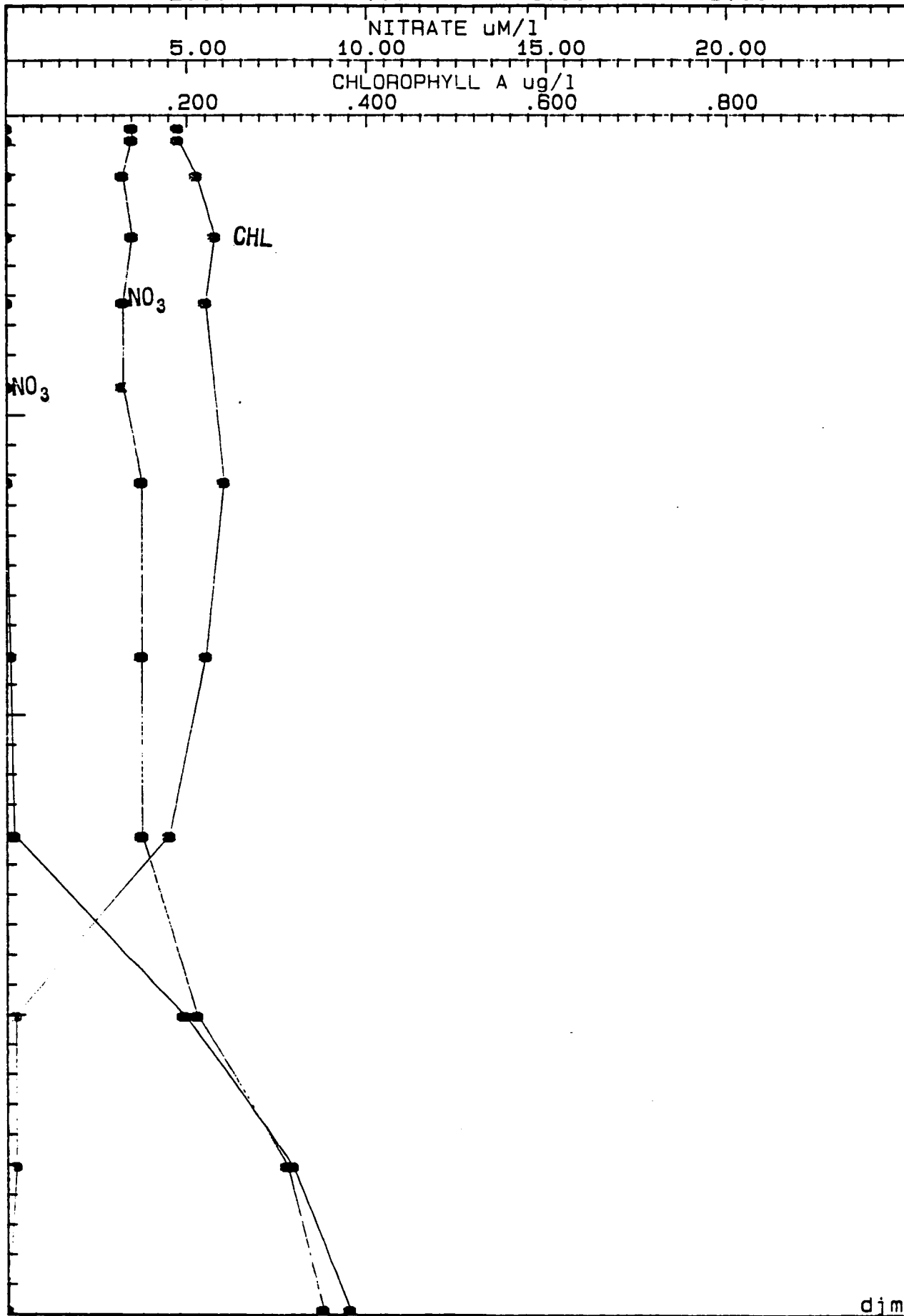
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CRUISE: 91G02 STATION: B91G02\*24\*1 DATE: 5 MAR 91  
 LATITUDE: 24 20.3 LONGITUDE: 94 15.4

TEXAS A & M DEPARTMENT OF OCEANOGRAPHY PHYSICAL DATA

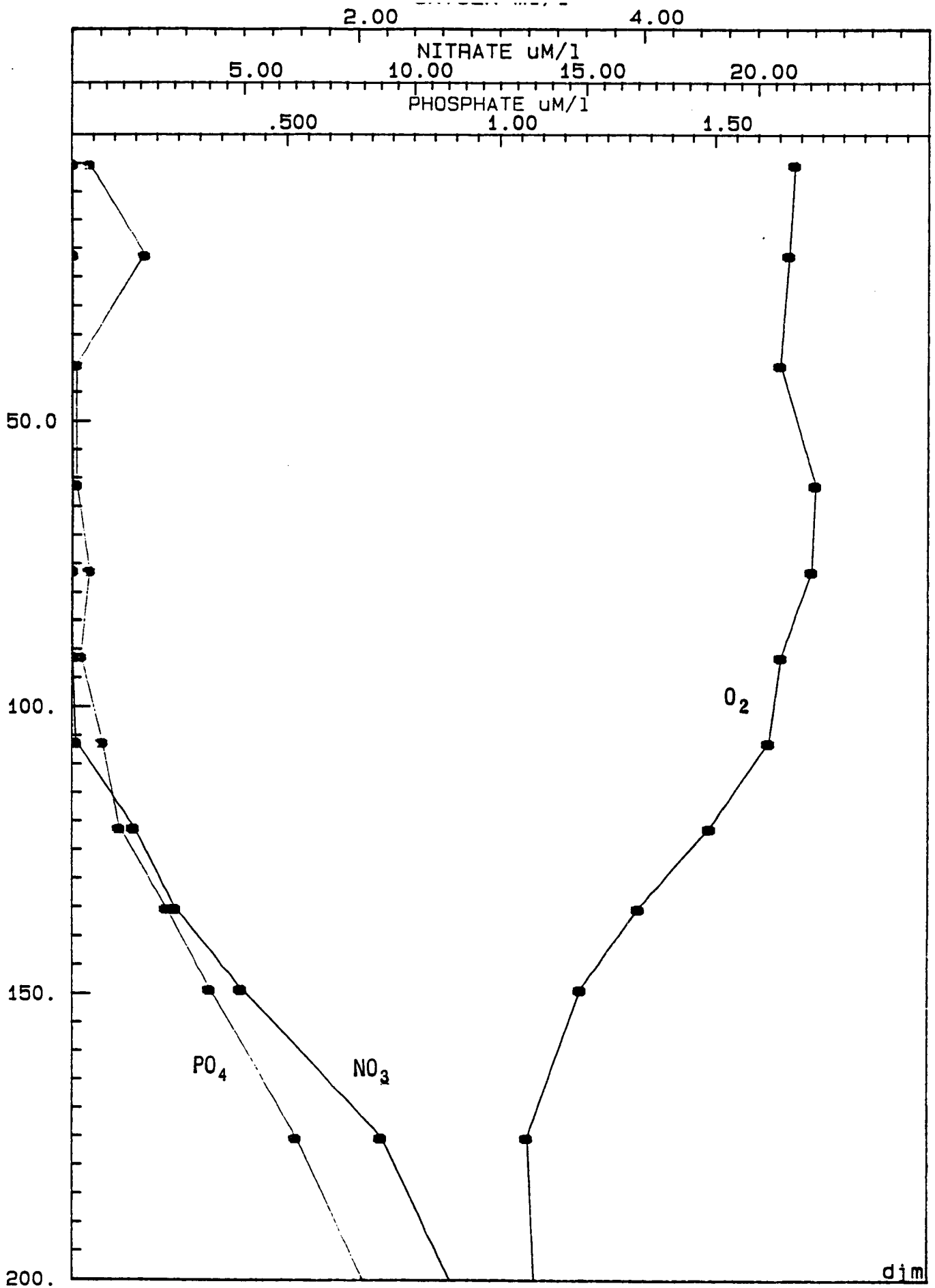
CRUISE 91G02 STATION B91G02\*26\*1 DATE 5 MAR 91 GMT 1443 LATITUDE 24 40.0 LONGITUDE 93 29.8

WIPE LENGTH METERS	THERMOMETRIC DEPTH METERS	TEMPERATURE DEG C	CHLOROPHYLL mg/l	UNPROTECTED TEMP DEG C	SALINITY PPT	OXYGEN ml/l	NH4 um/l	PO4 um/l	Si(OH)4 um/l	NO3 um/l	NO2 um/l	UREA um/l
5	----	23.31	.20	-----	36.438	5.054	.29	.04	1.30	0.00	0.00	----
21	----	23.31	.17	-----	36.436	5.015	.65	.17	1.70	0.00	.04	----
40	----	23.32	-----	-----	36.433	4.955	0.00	.01	1.40	0.00	0.00	----
61	----	23.32	.19	-----	36.443	5.203	0.00	.01	1.30	0.00	0.00	----
76	----	23.34	-----	-----	36.455	5.178	.08	.04	1.30	0.00	.01	----
91	----	23.35	.19	-----	36.459	4.961	.16	.02	1.30	0.00	0.00	----
106	----	23.49	.17	-----	36.492	4.874	.32	.07	1.30	.10	.04	----
121	----	23.04	.06	-----	36.438	4.464	.18	.11	1.90	1.80	.03	----
135	----	22.22	.02	-----	36.595	3.964	.18	.22	2.10	3.00	.01	----
149	----	21.24	.01	-----	36.618	3.560	.06	.32	2.50	4.90	.01	----
175	----	19.57	.01	-----	36.501	3.190	.08	.52	3.30	9.00	0.00	----
202	----	18.02	.01	-----	36.421	3.242	.09	.69	4.00	11.20	0.00	----

TEXAS A & M DEPARTMENT OF OCEANOGRAPHY PHYSICAL DATA

CRUISE 91G02 STATION B91G02\*28\*1 DATE 5 MAR 91 GMT 2235 LATITUDE 25 0.0 LONGITUDE 94 14.4

WIPE LENGTH METERS	THERMOMETRIC DEPTH METERS	TEMPERATURE DEG C	CHLOROPHYLL mg/l	UNPROTECTED TEMP DEG C	SALINITY PPT	OXYGEN ml/l	NH4 um/l	PO4 um/l	Si(OH)4 um/l	NO3 um/l	NO2 um/l	UREA um/l
5	----	23.55	.16	-----	36.505	4.858	.02	.06	1.40	0.00	0.00	----
19	----	23.54	.16	-----	36.506	4.880	0.00	.04	1.40	0.00	0.00	----
39	----	23.51	.18	-----	36.502	4.870	.02	.05	1.40	0.00	0.00	----
62	----	23.50	.22	-----	36.501	4.843	.09	.03	1.40	0.00	0.00	----
78	----	23.50	.21	-----	36.500	4.828	.05	----	1.30	0.00	0.00	----
89	----	23.50	.23	-----	36.500	4.846	0.00	.01	1.30	0.00	0.00	----
105	----	23.50	.21	-----	36.503	4.810	1.10	.08	1.40	0.00	0.00	----
125	----	21.81	.06	-----	36.595	3.785	.13	.33	2.00	3.20	.02	----
138	----	20.68	.04	-----	36.565	3.480	.43	.38	2.60	5.80	0.00	----
155	----	19.41	.05	-----	36.496	3.214	.14	.52	3.30	8.80	.01	----
177	----	18.80	.04	-----	36.434	3.109	.57	.66	4.10	10.90	0.00	----
201	----	17.21	.02	-----	36.264	2.971	0.00	.90	5.10	13.90	0.00	----



CRUISE: 91602 STATION: B91602\*26\*1 DATE: 5 MAR 91  
 LATITUDE: 24 40.0 LONGITUDE: 93 29.8

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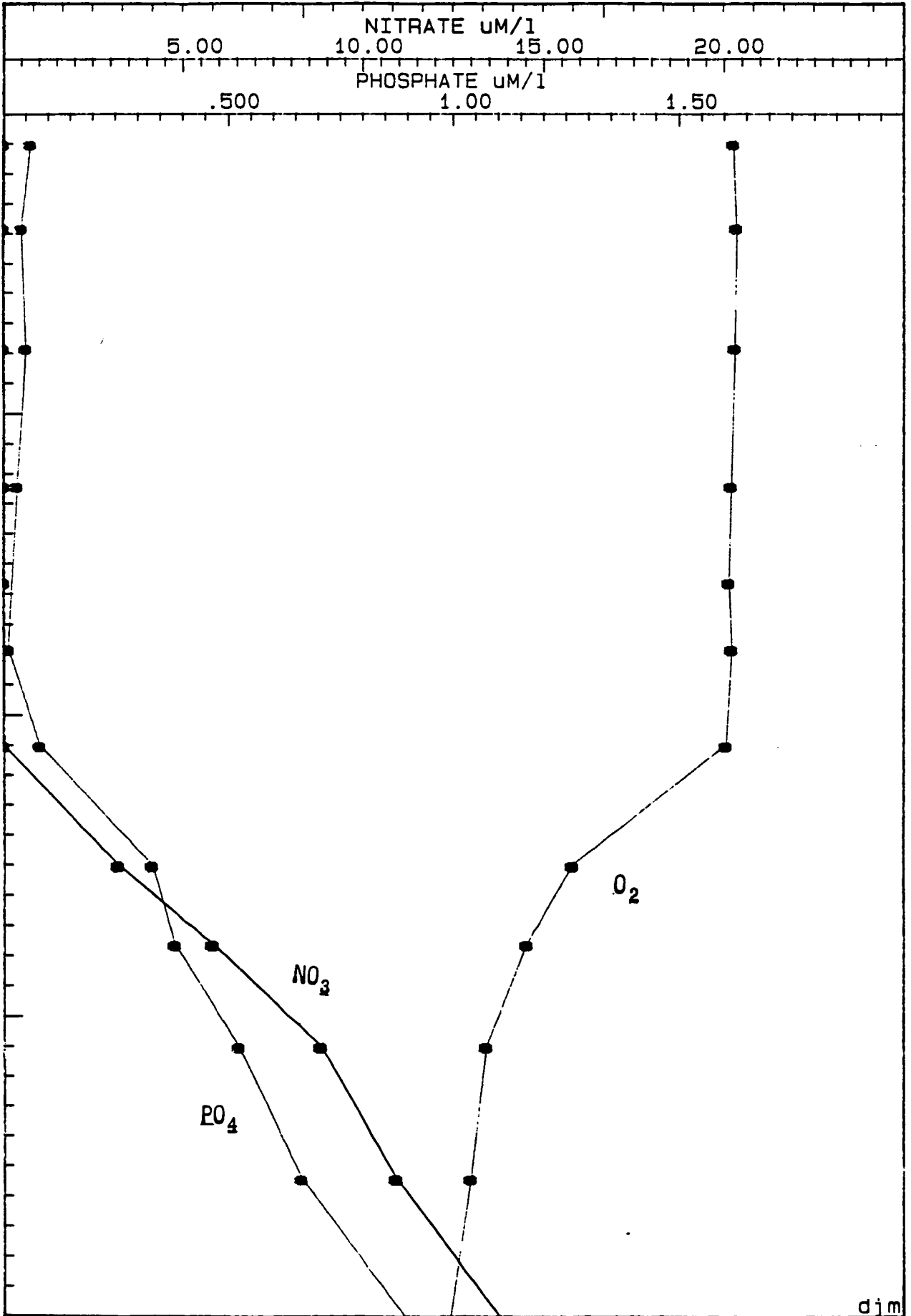
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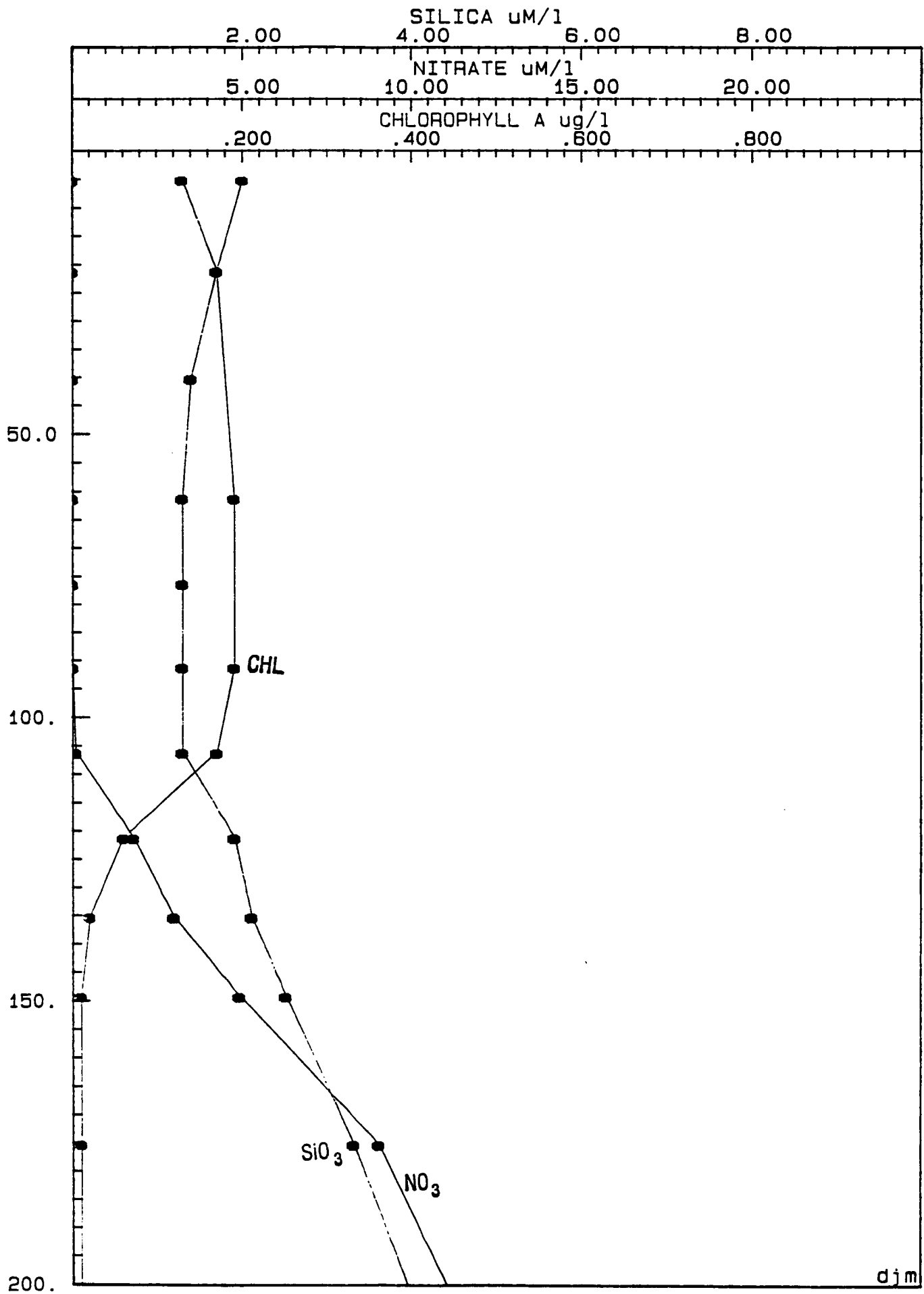
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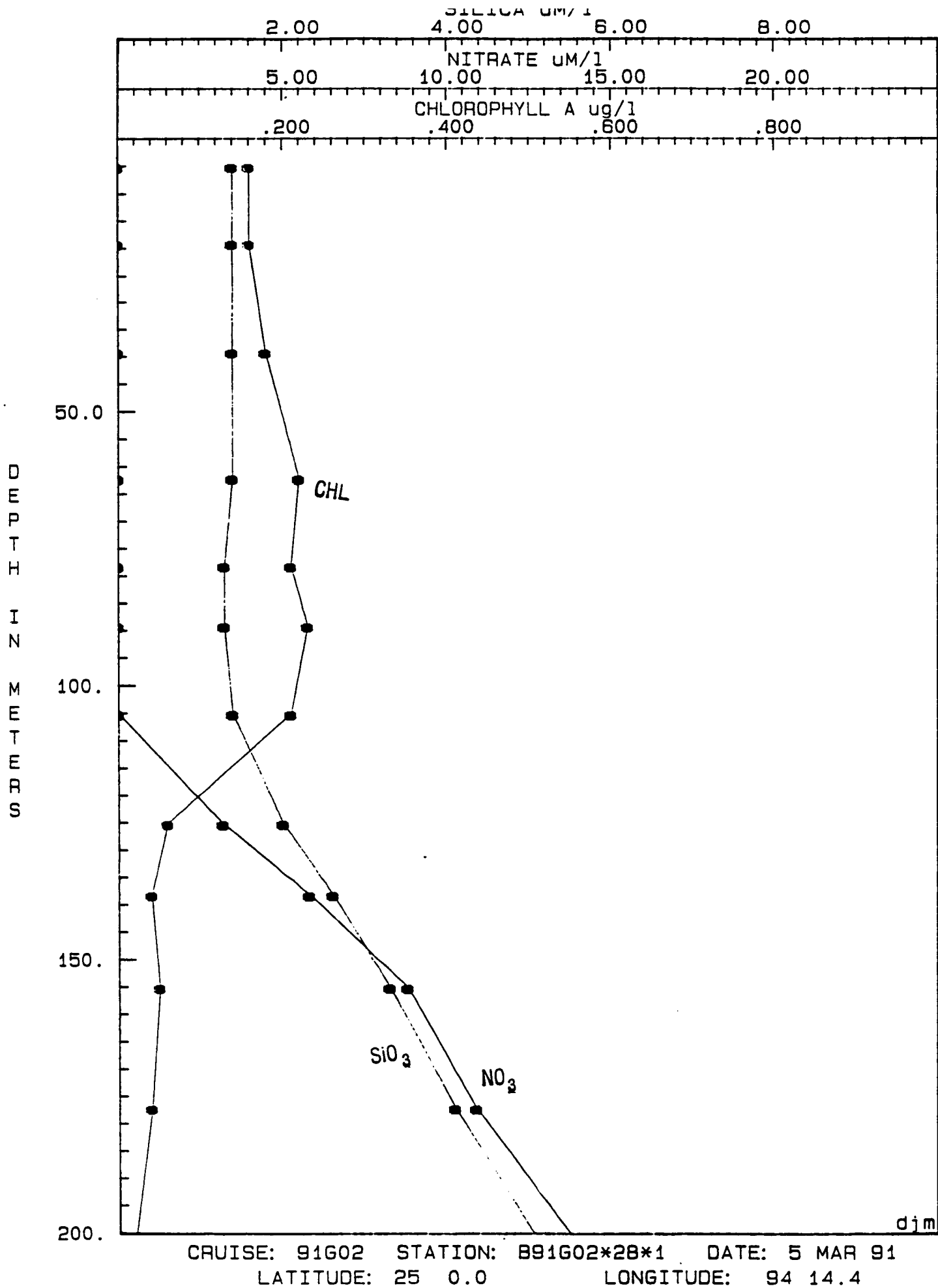


CRUISE: 91G02 STATION: B91G02\*28\*1 DATE: 5 MAR 91  
LATITUDE: 25 0.0 LONGITUDE: 94 14.4

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CRUISE: 91G02 STATION: B91G02\*26\*1 DATE: 5 MAR 91  
 LATITUDE: 24 40.0 LONGITUDE: 93 29.8





TEXAS A & M DEPARTMENT OF OCEANOGRAPHY PHYSICAL DATA

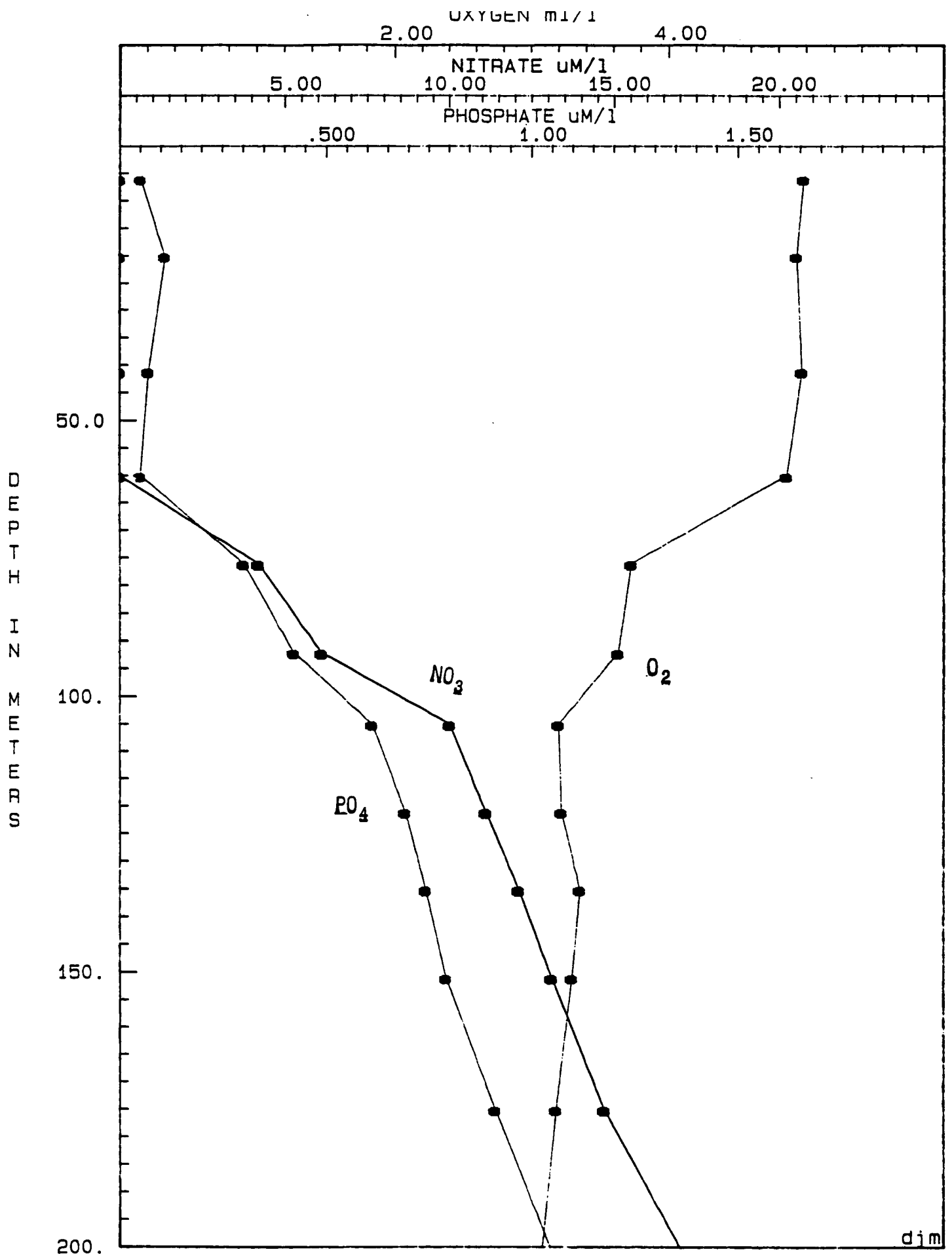
CRUISE 91G02 STATION B91G02\*34\*1 DATE 6 MAR 91 GMT 1725 LATITUDE 26 29.9 LONGITUDE 93 52.4

WIPE LENGTH METERS	THERMOMETRIC DEPTH METERS	TEMPERATURE DEG C	CHLOROPHYLL mg/l	UNPROTECTED TEMP DEG C	SALINITY PPT	OXYGEN ml/l	NH4 um/l	PO4 um/l	Si(OH)4 um/l	NO3 um/l	NO2 um/l	UREA um/l
6	----	22.76	.24	-----	36.390	4.971	0.00	.05	1.50	0.00	0.00	----
20	----	22.76	.27	-----	36.386	4.920	0.00	.11	1.50	0.00	0.00	----
41	----	22.71	.30	-----	36.384	4.958	0.00	.07	1.50	0.00	0.00	----
60	----	22.62	.31	-----	36.373	4.849	0.00	.05	1.50	0.00	0.00	----
74	----	21.16	.14	-----	36.549	3.720	0.00	.30	2.40	4.20	0.00	----
92	----	19.84	.06	-----	36.428	3.628	0.00	.42	2.90	6.10	0.00	----
105	----	18.96	.02	-----	36.481	3.192	0.00	.61	3.80	10.00	0.00	----
121	----	18.24	.01	-----	36.422	3.212	0.00	.69	4.20	11.10	0.00	----
135	----	17.69	.01	-----	36.353	3.346	.01	.74	4.60	12.10	0.00	----
151	----	17.07	.01	-----	36.283	3.288	.01	.79	5.00	13.10	0.00	----
175	----	16.20	0.00	-----	36.131	3.173	.06	.91	5.90	14.70	0.00	----
201	----	15.15	0.00	-----	35.982	3.069	0.00	1.05	7.00	17.10	0.00	----

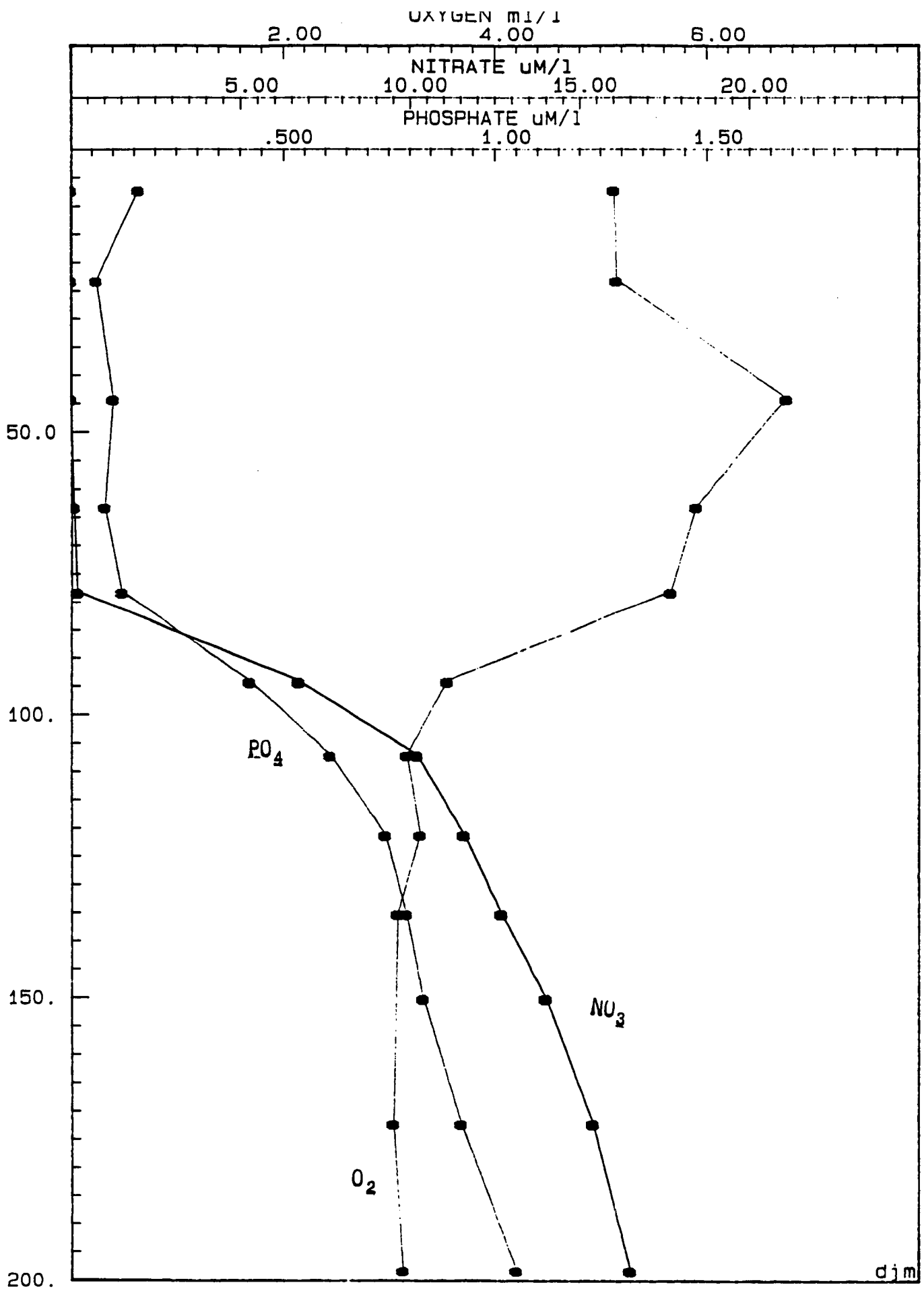
TEXAS A & M DEPARTMENT OF OCEANOGRAPHY PHYSICAL DATA

CRUISE 91G02 STATION B91G02\*35\*1 DATE 6 MAR 91 GMT 2102 LATITUDE 26 50.0 LONGITUDE 93 53.0

WIPE LENGTH METERS	THERMOMETRIC DEPTH METERS	TEMPERATURE DEG C	CHLOROPHYLL mg/l	UNPROTECTED TEMP DEG C	SALINITY PPT	OXYGEN ml/l	NH4 um/l	PO4 um/l	Si(OH)4 um/l	NO3 um/l	NO2 um/l	UREA um/l
7	----	21.31	.26	-----	36.284	5.125	----	.16	1.30	0.00	0.00	----
23	----	21.22	.29	-----	36.300	5.149	0.00	.06	1.30	0.00	0.00	----
44	----	20.89	.38	-----	36.352	6.746	0.00	.10	1.20	0.00	0.00	----
63	----	20.75	.47	-----	36.356	5.903	0.00	.08	1.40	.10	0.00	----
78	----	20.73	.27	-----	36.357	5.661	0.00	.12	1.50	.20	0.00	----
94	----	20.35	.07	-----	36.522	3.549	0.00	.42	3.00	6.70	.03	----
107	----	19.12	.04	-----	36.477	3.165	0.00	.61	3.80	10.20	.01	----
121	----	18.16	.04	-----	36.410	3.291	0.00	.74	4.40	11.60	0.00	----
135	----	17.37	.01	-----	36.315	3.077	0.00	.79	4.90	12.70	0.00	----
150	----	16.69	.02	-----	36.232	-----	0.00	.83	5.40	14.00	0.00	----
172	----	15.85	.01	-----	36.104	3.037	0.00	.92	6.20	15.40	0.00	----
198	----	14.88	.01	-----	35.998	3.127	0.00	1.05	6.90	16.50	0.00	----

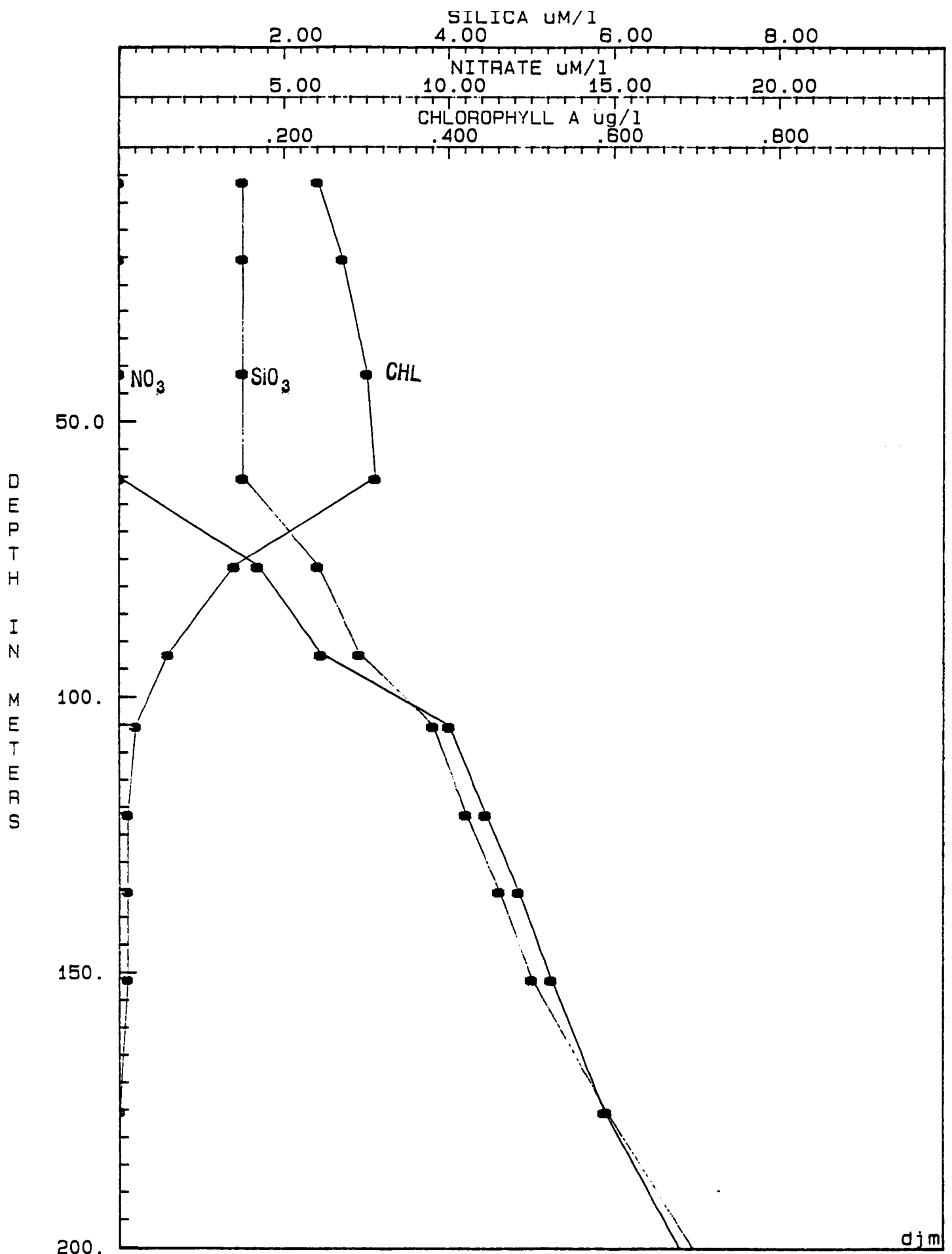


CRUISE: 91G02 STATION: B91G02\*34\*1 DATE: 6 MAR 91  
 LATITUDE: 26 29.9 LONGITUDE: 93 52.4



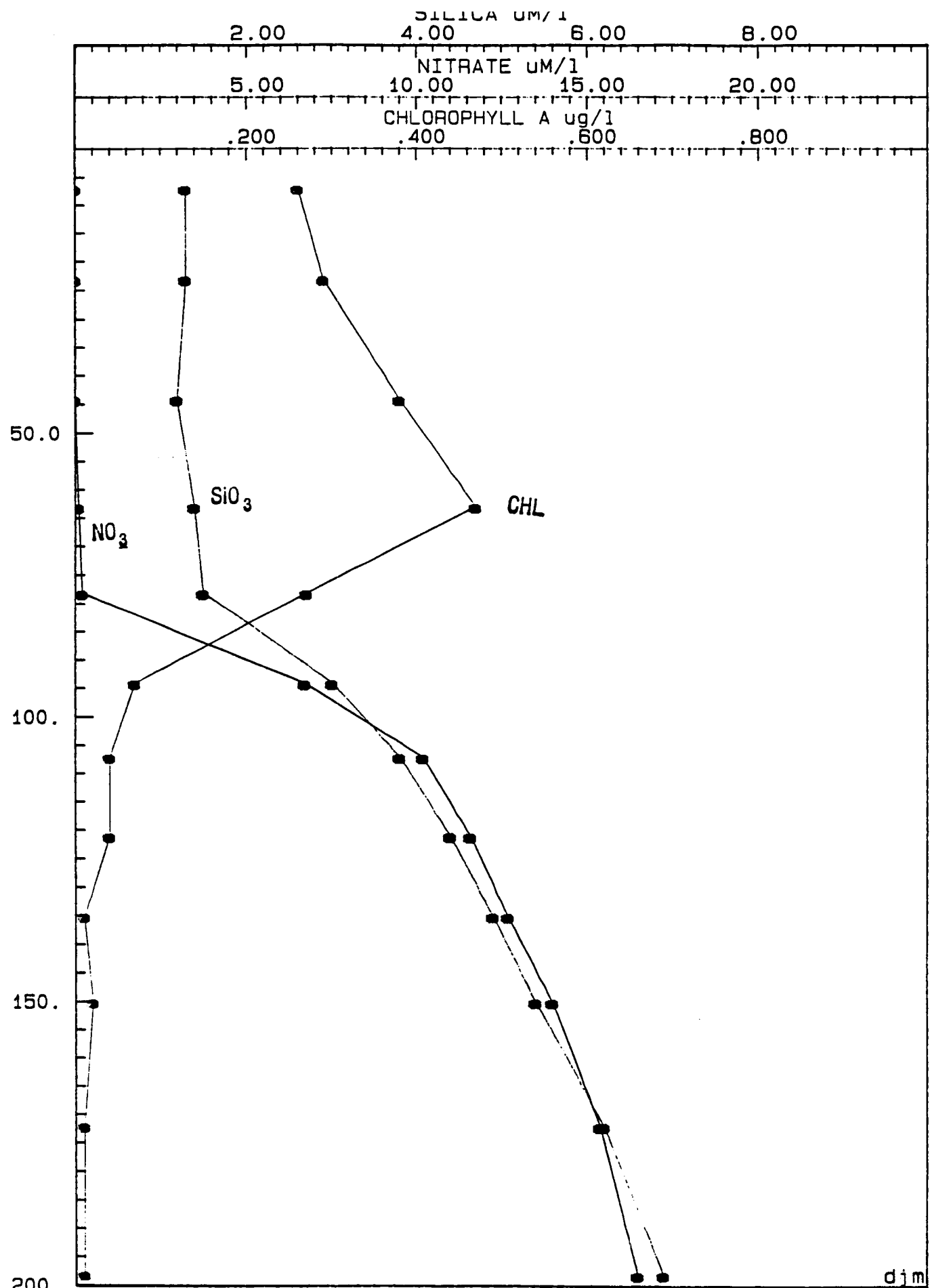
CRUISE: 91G02 STATION: B91G02\*35\*1 DATE: 6 MAR 91  
 LATITUDE: 26 50.0 LONGITUDE: 93 53.0

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CRUISE: 91G02 STATION: B91G02\*34\*1 DATE: 6 MAR 91  
 LATITUDE: 26 29.9 LONGITUDE: 93 52.4

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CRUISE: 91G02 STATION: B91G02\*35\*1 DATE: 6 MAR 91  
 LATITUDE: 26 50.0 LONGITUDE: 93 53.0

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TEXAS A & M DEPARTMENT OF OCEANOGRAPHY PHYSICAL DATA

CRUISE 91G02 STATION B91G02\*40\*1 DATE 7 MAR 91 GMT 1520 LATITUDE 27 .5 LONGITUDE 94 59.3

WIPE LENGTH METERS	THERMOMETRIC DEPTH METERS	TEMPERATURE DEG C	CHLOROPHYLL mg/l	UNPROTECTED TEMP DEG C	SALINITY PPT	OXYGEN ml/l	NH4 um/l	PO4 um/l	Si(OH)4 um/l	NO3 um/l	NO2 um/l	UPEA um/l
6	----	21.35	.04	-----	36.126	5.301	0.00	.11	1.40	0.00	0.00	----
20	----	21.35	.10	-----	36.120	5.023	0.00	.11	1.40	0.00	0.00	----
40	----	21.07	.14	-----	36.125	5.330	0.00	.11	1.30	0.00	.01	----
60	----	20.66	.36	-----	36.299	5.039	0.00	.13	1.30	.10	.16	----
75	----	20.42	.20	-----	36.261	5.155	.06	.20	1.70	1.00	.11	----
89	----	19.24	.08	-----	36.243	4.137	.20	.38	2.40	3.90	.02	----
105	----	18.60	.04	-----	36.406	3.653	0.00	.64	3.80	9.70	.01	----
120	----	17.95	.01	-----	36.376	3.471	.25	-----	-----	-----	-----	----
136	----	17.35	.01	-----	36.325	3.176	.18	.83	4.80	12.70	0.00	----
149	----	16.99	.01	-----	36.276	3.206	0.00	.82	5.10	12.90	0.00	----
176	----	16.32	0.00	-----	36.162	3.178	.13	.94	5.90	14.10	0.00	----
200	----	15.40	0.00	-----	36.037	3.255	.07	.99	6.60	15.50	0.00	----

TEXAS A & M DEPARTMENT OF OCEANOGRAPHY PHYSICAL DATA

CRUISE 91G02 STATION B91G02\*41\*1 DATE 7 MAR 91 GMT 1759 LATITUDE 27 .1 LONGITUDE 94 59.4

WIPE LENGTH METERS	THERMOMETRIC DEPTH METERS	TEMPERATURE DEG C	CHLOROPHYLL mg/l	UNPROTECTED TEMP DEG C	SALINITY PPT	OXYGEN ml/l	NH4 um/l	PO4 um/l	Si(OH)4 um/l	NO3 um/l	NO2 um/l	UPEA um/l
5	----	21.65	.08	-----	36.146	5.065	0.00	.13	1.10	0.00	0.00	----
22	----	21.47	.09	-----	36.142	5.121	0.00	.11	1.50	0.00	0.00	----
42	----	21.05	.11	-----	36.098	5.113	0.00	.12	1.50	0.00	0.00	----
61	----	20.71	.38	-----	36.297	5.355	0.00	.14	1.50	0.00	.17	----
75	----	20.36	.16	-----	36.259	4.779	0.00	.22	2.20	1.30	.03	----
90	----	19.42	.07	-----	36.326	4.209	0.00	.42	3.10	5.20	0.00	----
105	----	18.92	.04	-----	36.414	3.204	0.00	.63	4.20	9.70	0.00	----
120	----	18.05	.02	-----	36.375	3.429	0.00	.73	4.80	11.60	0.00	----
135	----	17.43	.01	-----	36.326	3.112	0.00	.80	5.20	12.10	0.00	----
150	----	17.07	.01	-----	36.282	3.183	.13	.83	5.30	12.80	0.00	----
176	----	16.37	.01	-----	36.176	3.618	0.00	.88	5.90	14.10	0.00	----
201	----	15.47	.01	-----	36.039	3.256	0.00	.96	6.70	15.70	0.00	----

OXYGEN ml/l

2.00

4.00

NITRATE  $\mu\text{M}/\text{l}$

5.00

10.00

15.00

20.00

PHOSPHATE  $\mu\text{M}/\text{l}$

.500

1.00

1.50

50.0

100.

150.

200.

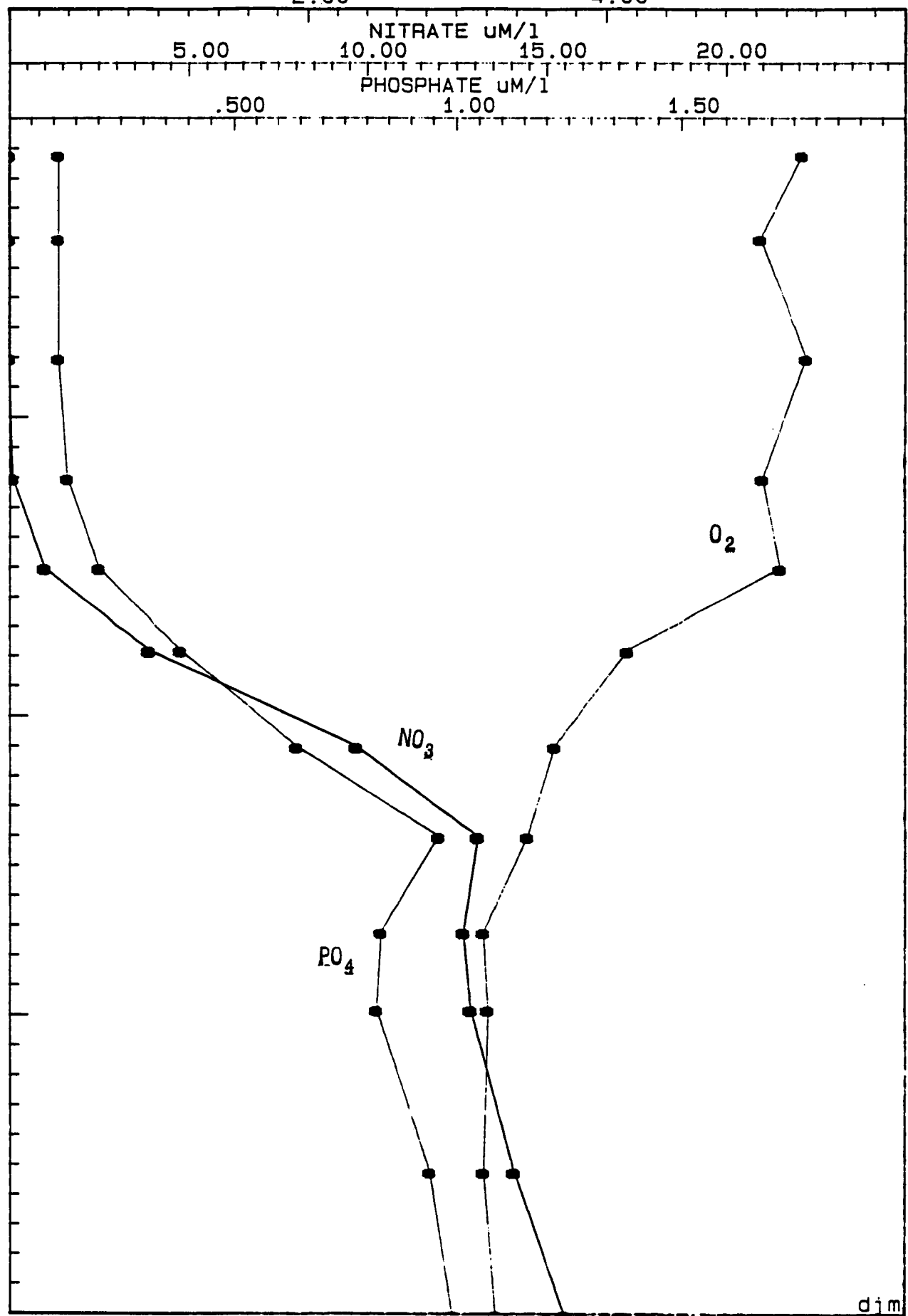
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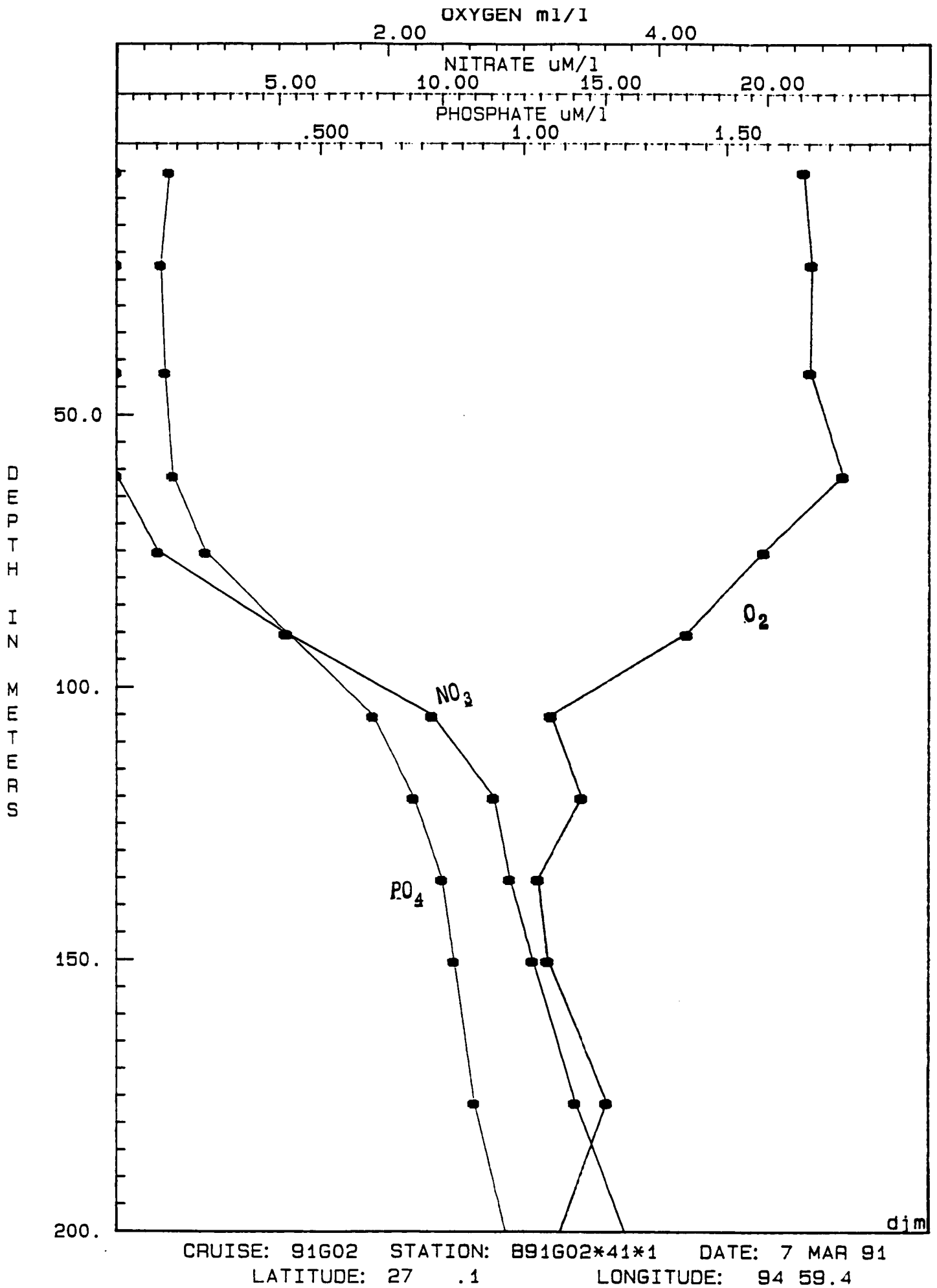
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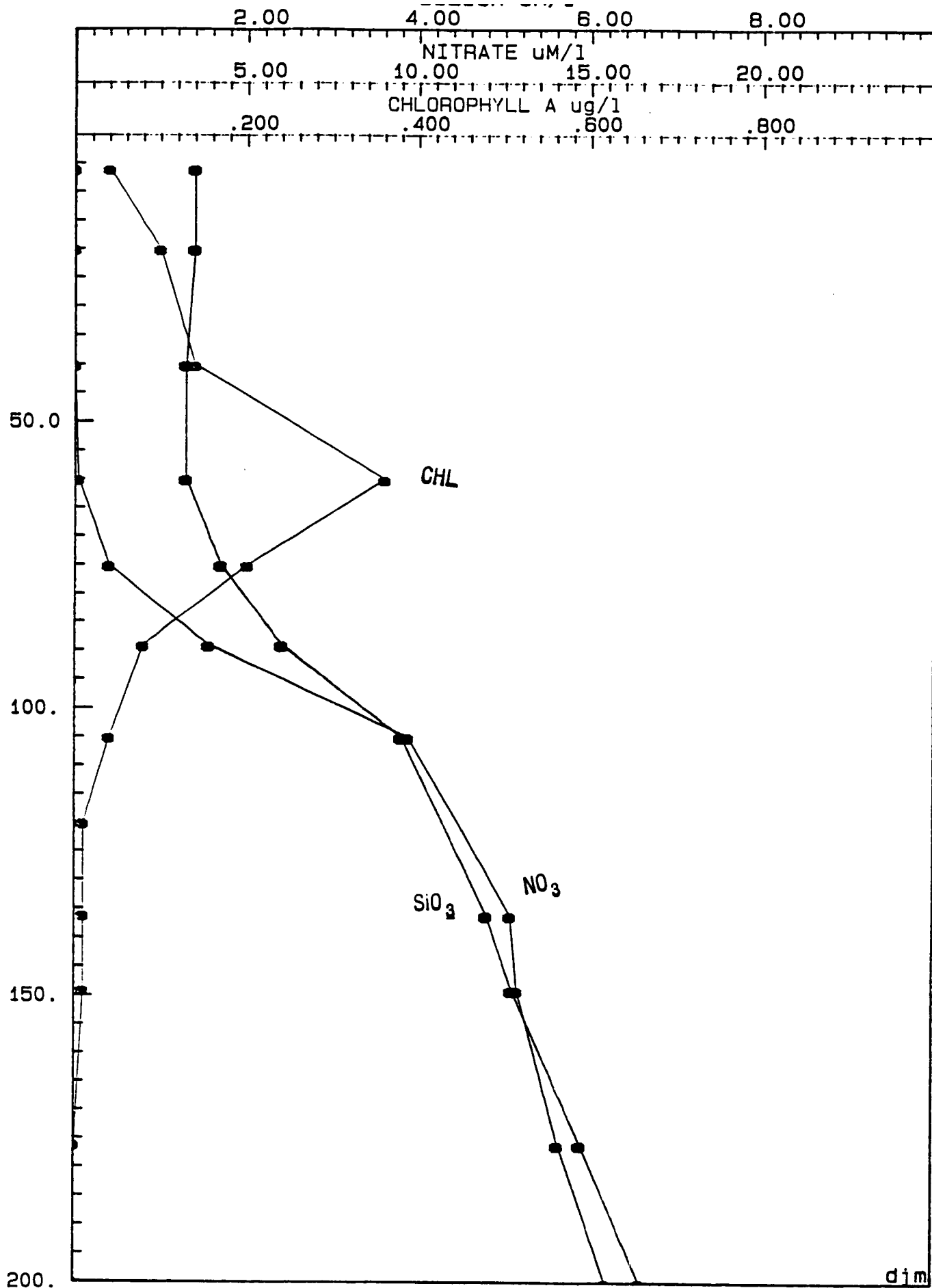
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CRUISE: 91G02 STATION: B91G02\*40\*1 DATE: 7 MAR 91  
 LATITUDE: 27 .5 LONGITUDE: 94 59.3



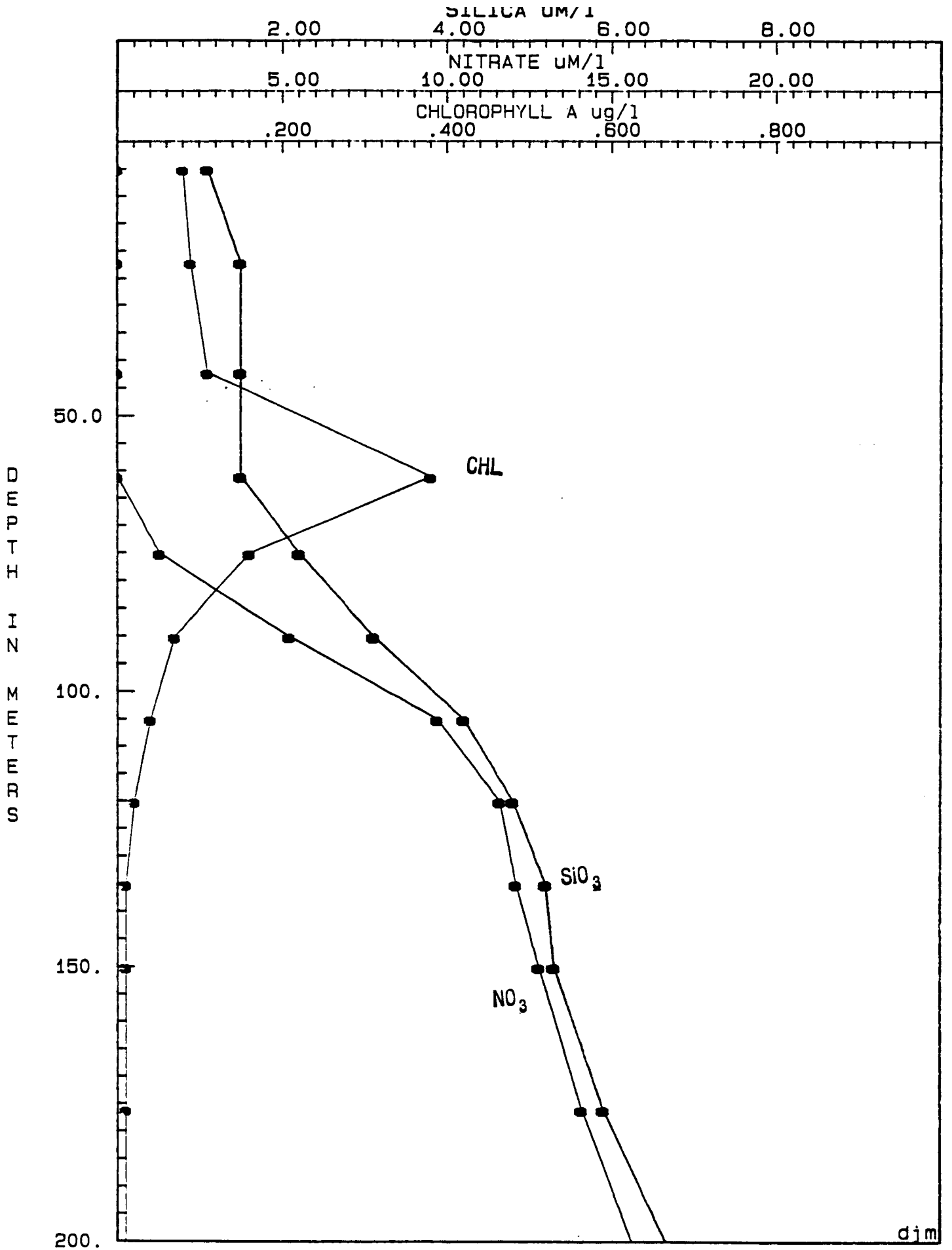






CRUISE: 91G02 STATION: B91G02\*40\*1 DATE: 7 MAR 91  
 LATITUDE: 27 .5 LONGITUDE: 94 59.3

dim



CRUISE: 91G02 STATION: B91G02\*41\*1 DATE: .7 MAR 91  
 LATITUDE: 27 .1 LONGITUDE: 94 59.4

djm

TEXAS A & M DEPARTMENT OF OCEANOGRAPHY PHYSICAL DATA

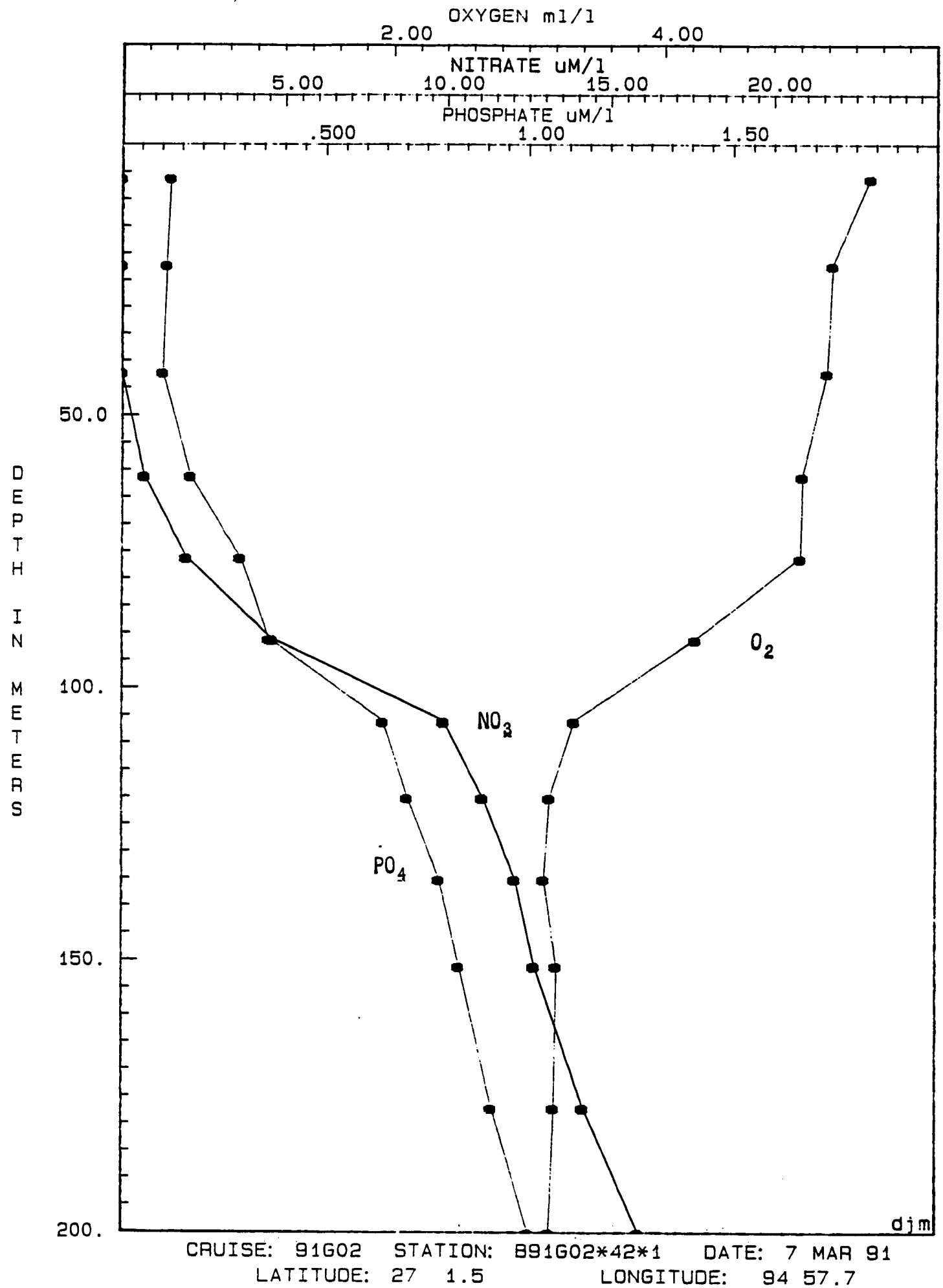
CRUISE 91G02 STATION B91G02\*42\*1 DATE 7 MAR 91 GMT 0200 LATITUDE 27 1.5 LONGITUDE 94 57.7

WIPE LENGTH METERS	THERMOMETRIC DEPTH METERS	TEMPERATURE DEG C	CHLOROPHYLL mg/l	UNPROTECTED TEMP DEG C	SALINITY PPT	OXYGEN ml/l	NH4 um/l	PO4 um/l	Si(OH)4 um/l	NO3 um/l	NO2 um/l	UREA um/l
6	----	21.56	.08	-----	36.080	5.503	0.00	.12	0.00	0.00	0.00	----
22	----	21.36	.13	-----	36.123	5.224	.03	.11	0.00	0.00	0.00	----
42	----	21.07	.06	-----	36.110	5.187	0.00	.10	1.30	0.00	0.00	----
61	----	20.78	.32	-----	36.296	5.008	0.00	.17	1.40	.70	.11	----
76	----	20.38	.19	-----	36.314	4.994	0.00	.29	1.90	2.00	.36	----
91	----	19.55	.09	-----	36.318	4.226	0.00	.36	2.70	4.60	0.00	----
106	----	18.80	.04	-----	36.417	3.334	0.00	.64	4.00	9.90	0.00	----
120	----	18.06	.01	-----	36.390	3.155	0.00	.70	4.50	11.10	0.00	----
135	----	17.60	.01	-----	36.319	3.115	0.00	.78	5.00	12.10	0.00	----
151	----	17.00	0.00	-----	36.269	3.206	0.00	.83	5.30	12.70	0.00	----
177	----	16.12	0.00	-----	36.125	3.191	0.00	.91	6.20	14.20	0.00	----
200	----	15.30	0.00	-----	35.991	3.154	0.00	1.00	7.00	15.90	0.00	----

TEXAS A & M DEPARTMENT OF OCEANOGRAPHY PHYSICAL DATA

CRUISE 91G02 STATION B91G02\*43\*1 DATE 8 MAR 91 GMT 1132 LATITUDE 27 2.6 LONGITUDE 94 54.6

WIPE LENGTH METERS	THERMOMETRIC DEPTH METERS	TEMPERATURE DEG C	CHLOROPHYLL mg/l	UNPROTECTED TEMP DEG C	SALINITY PPT	OXYGEN ml/l	NH4 um/l	PO4 um/l	Si(OH)4 um/l	NO3 um/l	NO2 um/l	UREA um/l
20	----	21.38	.09	-----	36.119	5.045	0.00	.10	0.00	0.00	0.00	----
40	----	21.12	.18	-----	36.178	5.018	0.00	.11	0.00	0.00	0.00	----
61	----	20.56	.29	-----	36.286	5.153	.05	.18	0.00	.50	.14	----
75	----	20.15	.19	-----	36.269	4.799	.01	.19	0.00	1.10	.04	----
90	----	19.53	.10	-----	36.284	4.132	.26	.38	2.50	3.90	.31	----
105	----	18.98	.05	-----	36.418	3.541	.13	.59	3.60	9.00	0.00	----
120	----	18.04	.01	-----	36.379	3.140	.12	.76	4.40	11.30	.01	----
136	----	17.28	.01	-----	36.324	3.420	.05	.78	4.70	12.20	0.00	----
151	----	17.01	.01	-----	36.280	3.433	.14	.87	5.20	12.90	0.00	----
175	----	16.34	.01	-----	36.170	3.465	.13	.96	5.80	14.00	0.00	----
200	----	15.51	.01	-----	36.041	3.396	0.00	1.04	6.70	15.40	0.00	----
200	----	15.51	0.00	-----	36.041	-----	0.00	.96	6.70	15.20	0.00	----



2.00

4.00

5.00

10.00

15.00

20.00

PHOSPHATE  $\mu\text{M}/1$

.500

1.00

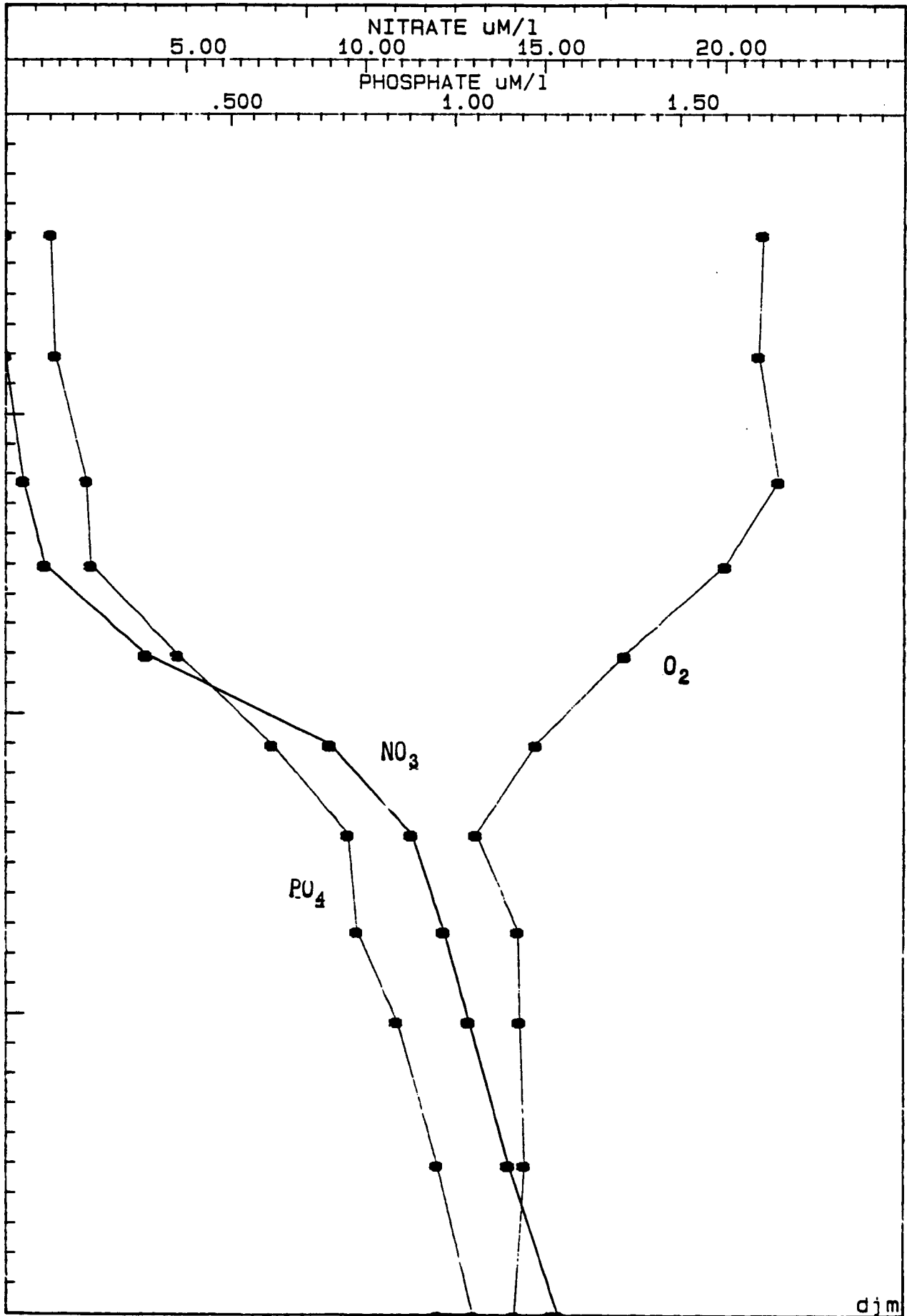
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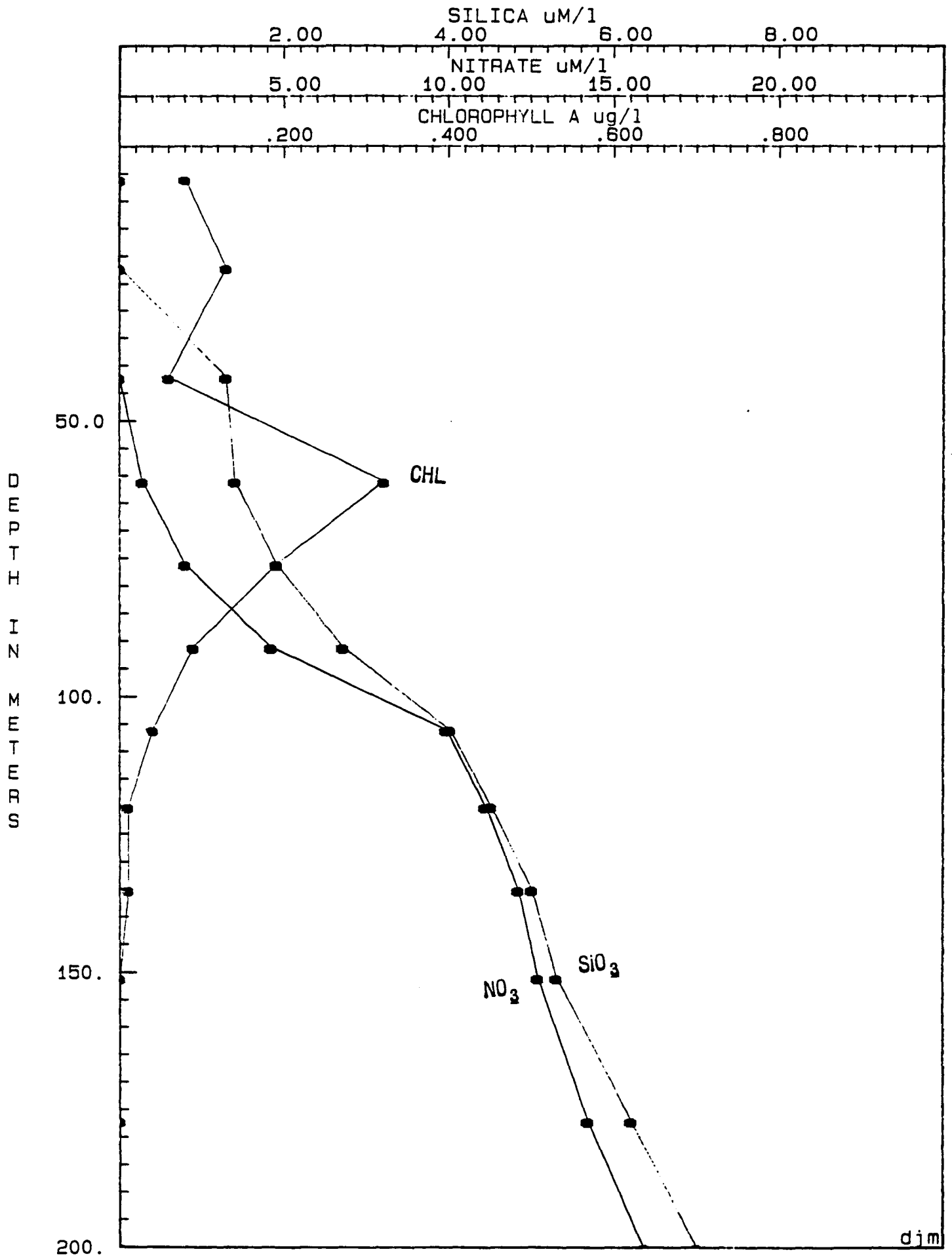
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200.



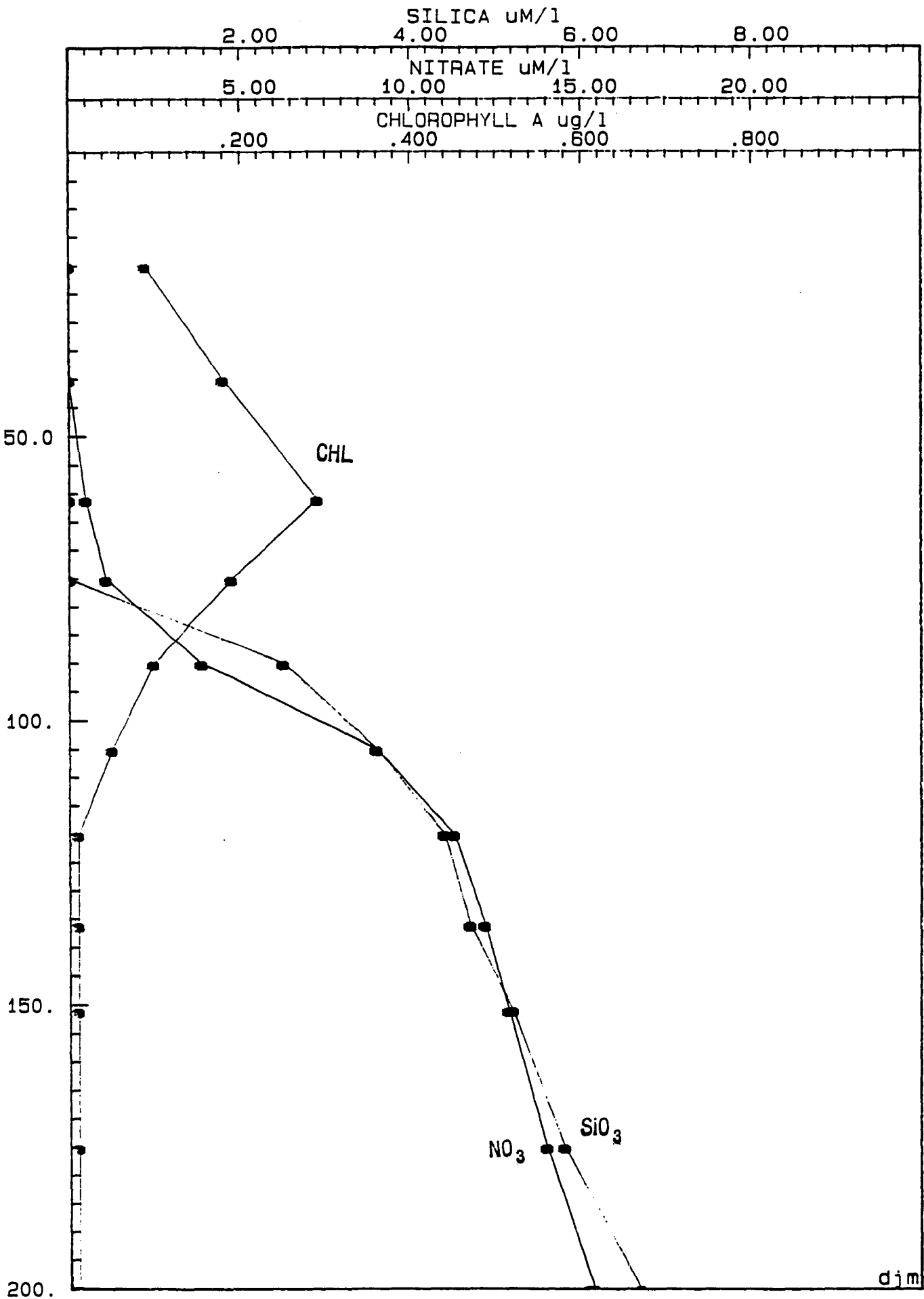
CRUISE: 91G02 STATION: B91G02\*43\*1 DATE: 8 MAR 91  
LATITUDE: 27 2.6 LONGITUDE: 94 54.6

djm



CRUISE: 91G02 STATION: B91G02\*42\*1 DATE: 7 MAR 91  
 LATITUDE: 27 1.5 LONGITUDE: 94 57.7

djm



CRUISE: 91G02 STATION: B91G02\*43\*1 DATE: 8 MAR 91  
 LATITUDE: 27 2.6 LONGITUDE: 94 54.6

djm

TEXAS A & M DEPARTMENT OF OCEANOGRAPHY PHYSICAL DATA

CRUISE 91G02 STATION B91G02\*47\*1 DATE 9 MAR 91 GMT 0909 LATITUDE 27 43.0 LONGITUDE 94 58.8

WIRE LENGTH METERS	THERMOMETRIC DEPTH METERS	TEMPERATURE DEG C	CHLOROPHYLL mg/l	UNPROTECTED TEMP DEG C	SALINITY PPT	OXYGEN ml/l	NH4 um/l	PO4 um/l	Si(OH)4 um/l	NO3 um/l	NO2 um/l	UREA um/l
5	----	20.50	.12	----	36.212	----	----	.12	1.20	0.00	0.00	----
10	----	20.50	.13	----	36.212	5.428	----	.12	1.30	0.00	0.00	----
13	----	20.51	.13	----	36.214	5.403	----	.11	1.30	0.00	0.00	----
20	----	20.51	.13	----	36.214	5.418	----	.14	1.30	0.00	0.00	----
31	----	20.50	.13	----	36.281	5.503	----	.13	1.10	0.00	0.00	----
40	----	20.34	.15	----	36.315	5.425	----	.15	1.00	0.00	0.00	----
50	----	20.25	.24	----	36.324	5.427	----	.17	1.10	0.00	0.00	----
60	----	20.28	.31	----	36.341	5.408	----	.15	1.00	.10	.02	----
70	----	20.28	.27	----	36.343	5.413	----	.16	1.00	.20	.03	----
81	----	20.28	.23	----	36.350	5.338	----	.16	1.20	.50	.03	----
93	----	19.24	.10	----	36.457	3.466	----	.62	4.00	10.00	.04	----
101	----	18.27	-----	----	36.392	2.910	----	.76	4.50	12.30	.01	----
125	----	16.59	-----	----	36.207	2.990	0.00	.90	5.60	14.40	0.00	----
139	----	15.77	.01	----	36.097	3.003	0.00	.94	6.30	16.10	0.00	----
149	----	15.33	.01	----	36.011	3.261	0.00	1.04	7.00	17.00	0.00	----
174	----	14.46	.01	----	35.894	3.186	----	1.08	8.00	18.20	0.00	----
190	----	13.62	0.00	----	35.743	2.844	0.00	1.17	8.80	19.30	0.00	----
224	----	12.83	0.00	----	35.619	2.745	0.00	1.30	9.90	21.00	0.00	----
250	----	12.17	0.00	----	35.510	2.938	0.00	1.43	11.40	22.80	0.00	----
276	----	11.38	0.00	----	35.408	2.671	0.00	1.53	12.80	24.50	0.00	----
302	----	10.94	-----	----	35.350	2.914	0.00	1.56	13.70	25.60	0.00	----
350	----	9.75	-----	----	35.192	2.936	0.00	1.72	16.30	28.10	0.00	----
380	----	9.37	-----	----	35.143	2.960	0.00	1.79	17.60	29.00	0.00	----
380	----	9.37	-----	----	35.142	-----	0.00	1.76	17.10	28.40	0.00	----



OXYGEN  $\mu\text{M/l}$

2.00

4.00

NITRATE  $\mu\text{M/l}$

5.00

10.00

15.00

20.00

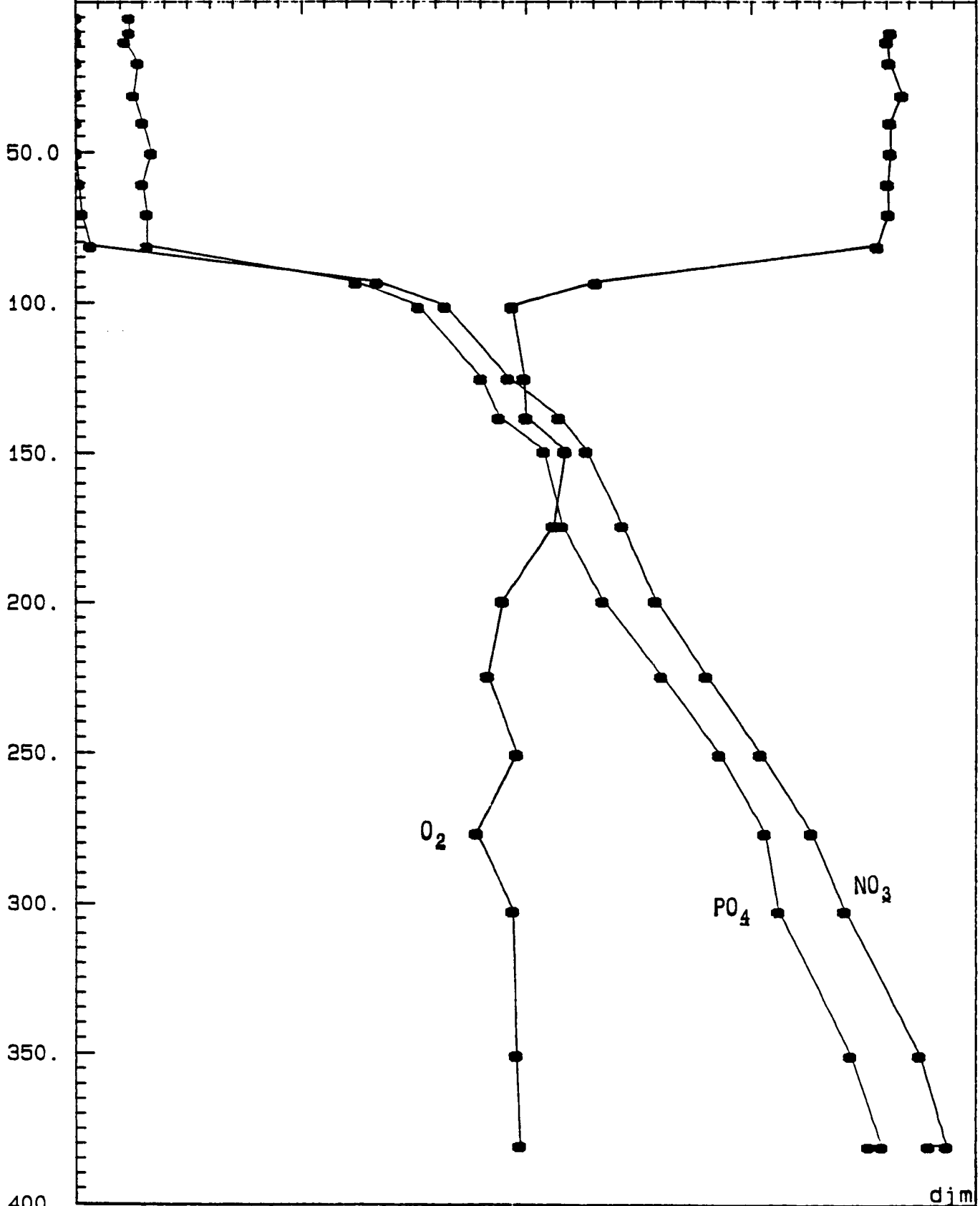
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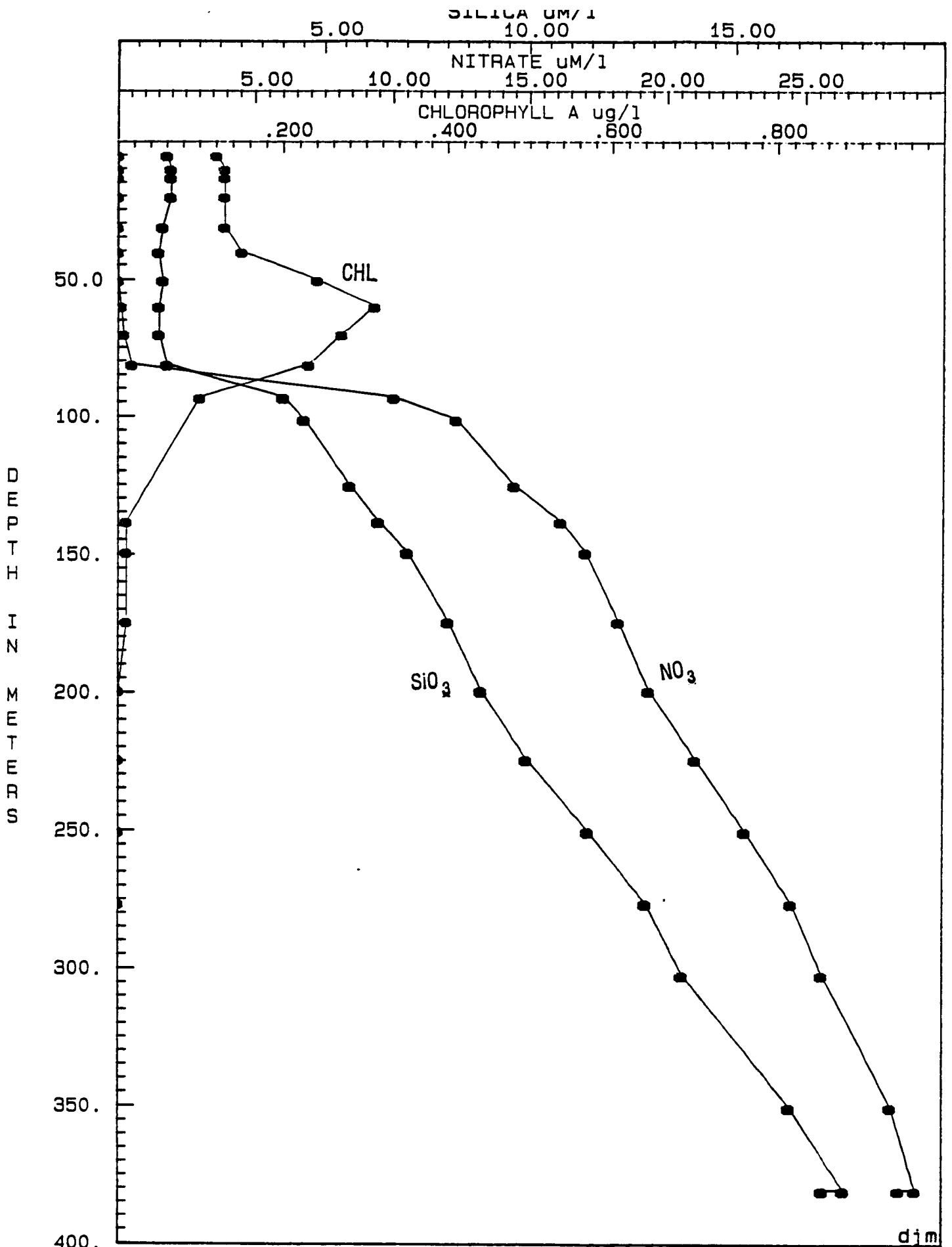
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1.00

1.50



CRUISE: 91G02 STATION: B91G02\*47\*1 DATE: 9 MAR 91  
 LATITUDE: 27 43.0 LONGITUDE: 94 58.8



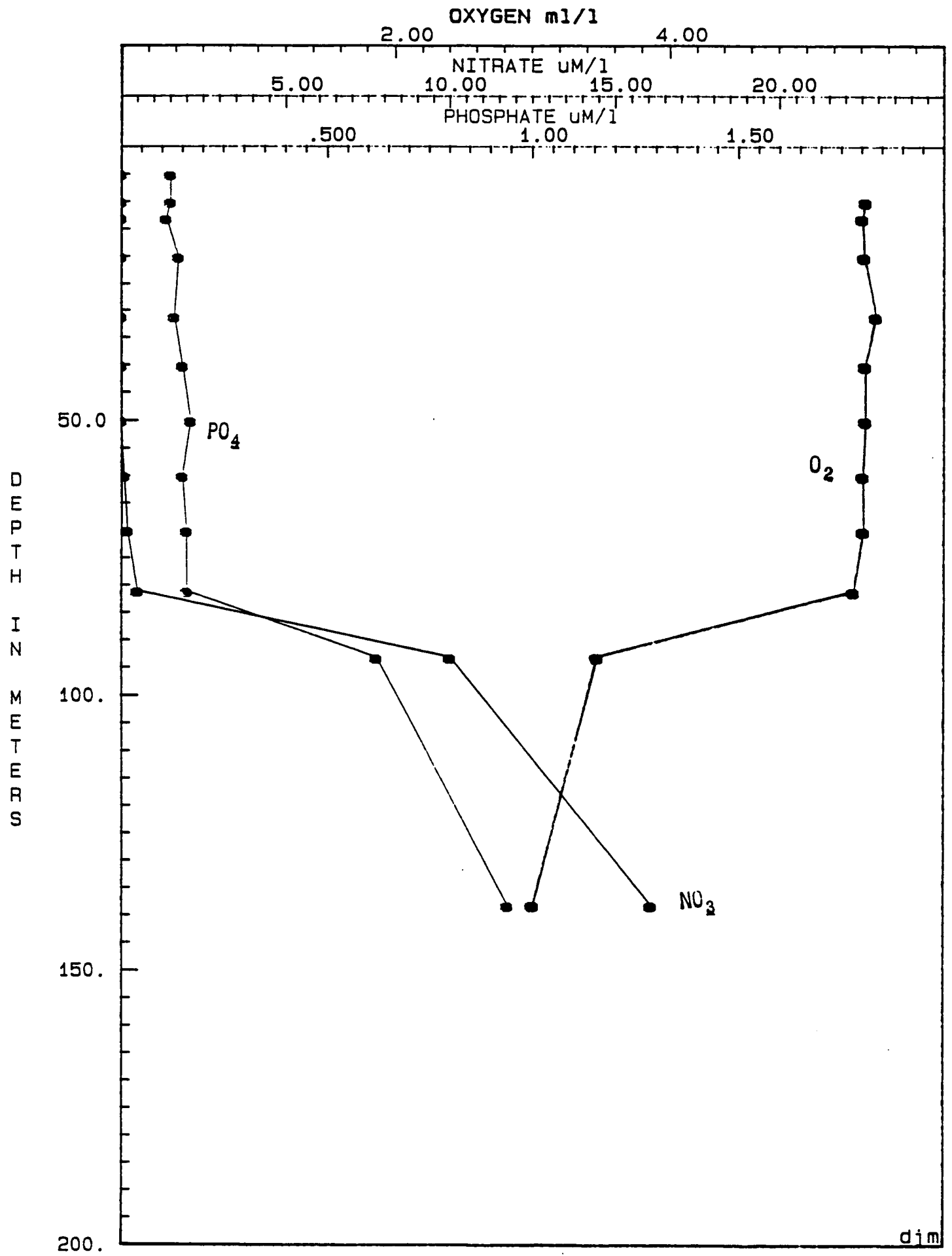
CRUISE: 91G02 STATION: B91G02\*47\*1 DATE: 9 MAR 91  
 LATITUDE: 27 43.0 LONGITUDE: 94 58.8

djm

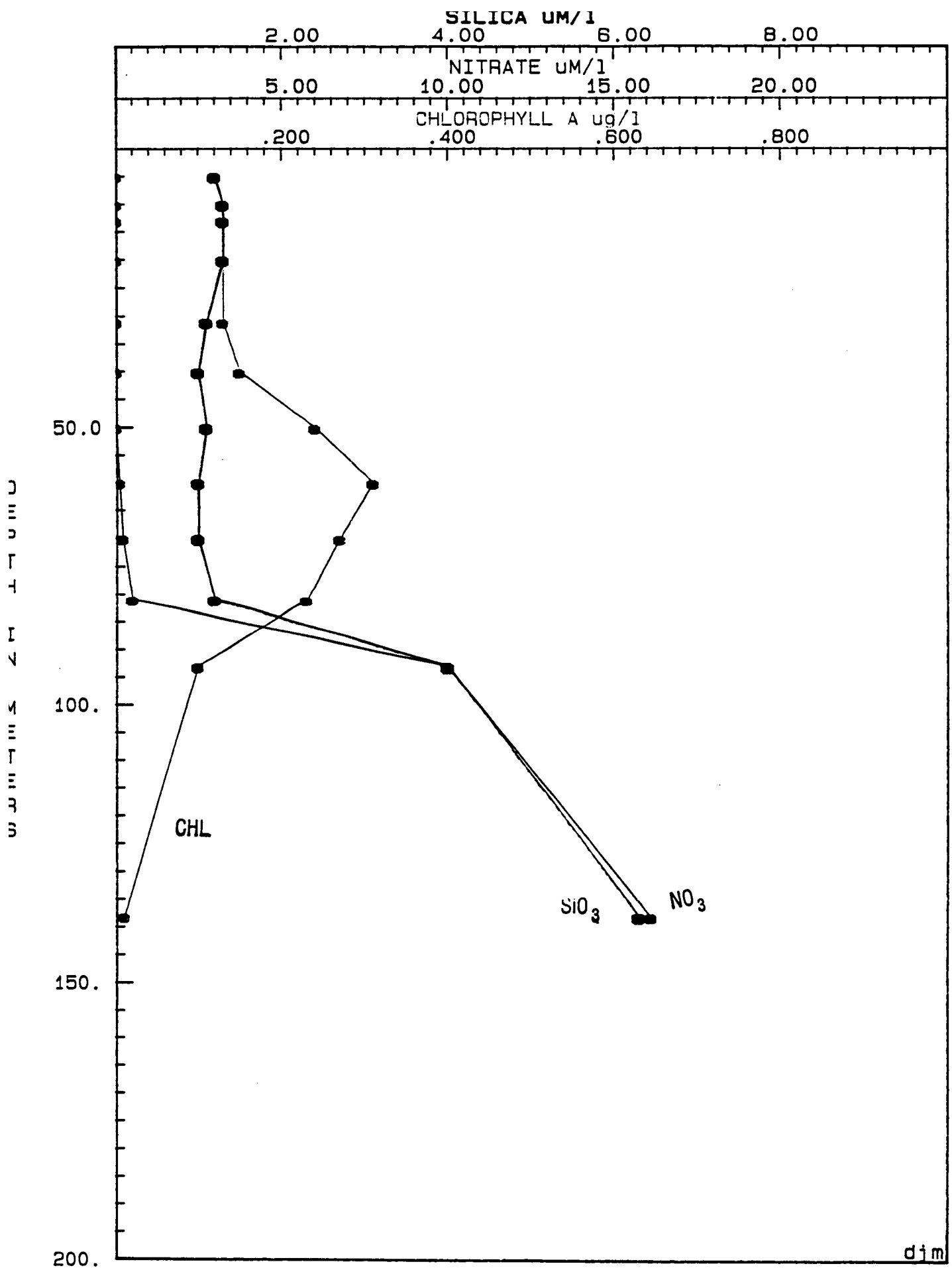
TEXAS A & M DEPARTMENT OF OCEANOGRAPHY PHYSICAL DATA

CRUISE 91G02 STATION B91G02\*48\*1 DATE 9 MAR 91 GMT 1221 LATITUDE 27 48.0 LONGITUDE 94 58.2

WIRE LENGTH METERS	THERMOMETRIC DEPTH METERS	TEMPERATURE DEG C	CHLOROPHYLL mg/l	UNPROTECTED TEMP DEG C	SALINITY PPT	OXYGEN ml/l	NH4 um/l	PO4 um/l	Si(OH)4 um/l	NO3 um/l	NO2 um/l	UREA um/l
5	----	20.50	.12	-----	36.212	-----	0.00	.12	1.20	0.00	0.00	----
10	----	20.50	.13	-----	36.212	5.428	0.00	.12	1.30	0.00	0.00	----
13	----	20.51	.13	-----	36.214	5.403	0.00	.11	1.30	0.00	0.00	----
20	----	20.51	.13	-----	36.214	5.418	0.00	.14	1.30	0.00	0.00	----
31	----	20.50	.13	-----	36.281	5.503	0.00	.13	1.10	0.00	0.00	----
40	----	20.34	.15	-----	36.315	5.425	0.00	.15	1.00	0.00	0.00	----
50	----	20.25	.24	-----	36.324	5.427	0.00	.17	1.10	0.00	0.00	----
60	----	20.28	.31	-----	36.341	5.408	0.00	.15	1.00	.10	.02	----
70	----	20.28	.27	-----	36.343	5.413	0.00	.16	1.00	.20	.03	----
81	----	20.28	.23	-----	36.350	5.338	0.00	.16	1.20	.50	.03	----
93	----	19.24	.10	-----	36.457	3.466	0.00	.62	4.00	10.00	.04	----
138	----	15.77	.01	-----	36.097	3.003	0.00	.94	6.30	16.10	0.00	----



CRUISE: 91G02 STATION: B91G02\*48\*1 DATE: 9 MAR 91  
 LATITUDE: 27 48.0 LONGITUDE: 94 58.2



CRUISE: 91G02 STATION: B91G02\*48\*1 DATE: 9 MAR 91  
 LATITUDE: 27 48.0 LONGITUDE: 94 58.2

djm

10.00

WIND RATE CM/1  
20.00

30.00

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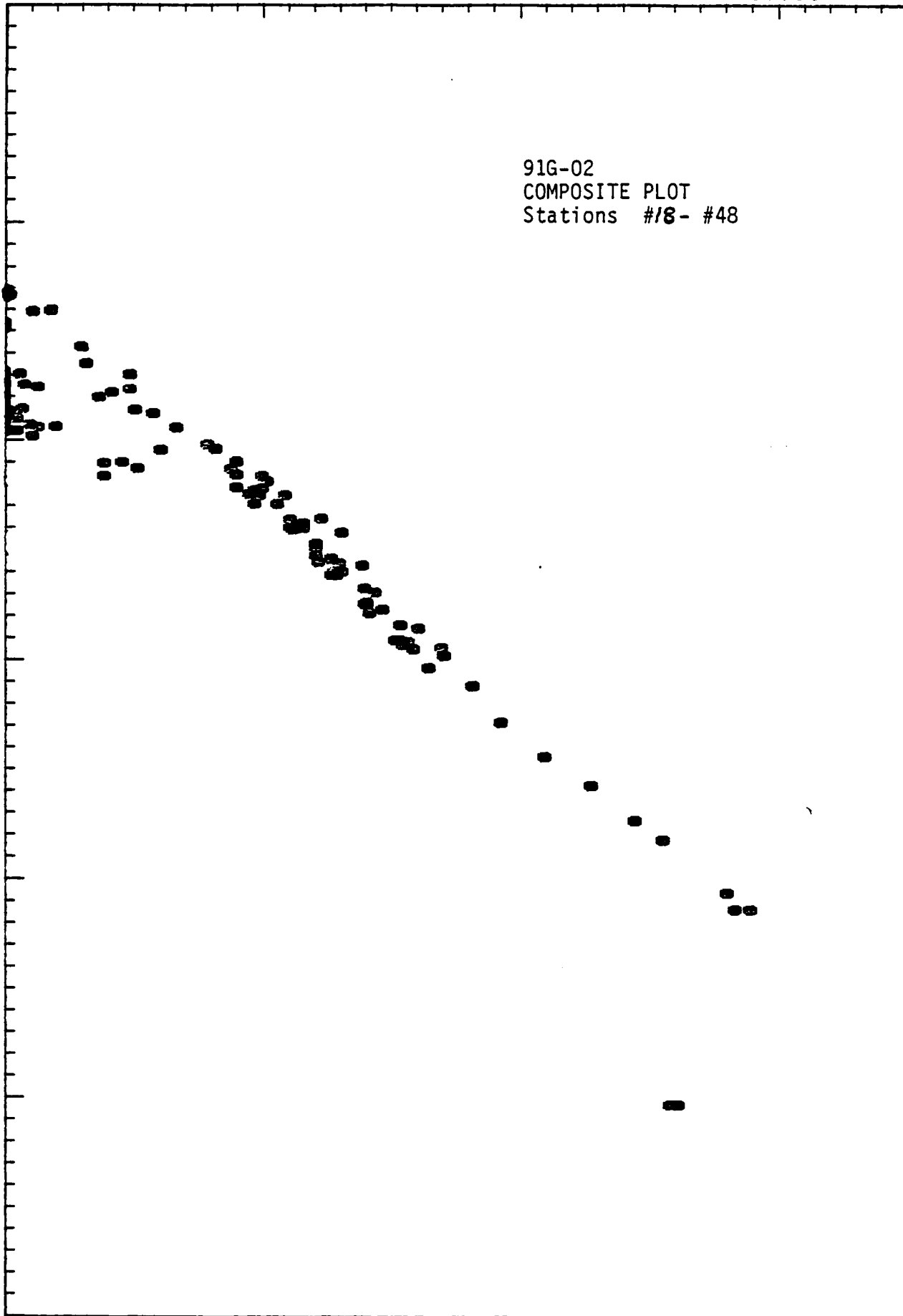
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5.0

0.00

91G-02  
COMPOSITE PLOT  
Stations #18- #48



PROSPRATE UM/1

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1.00

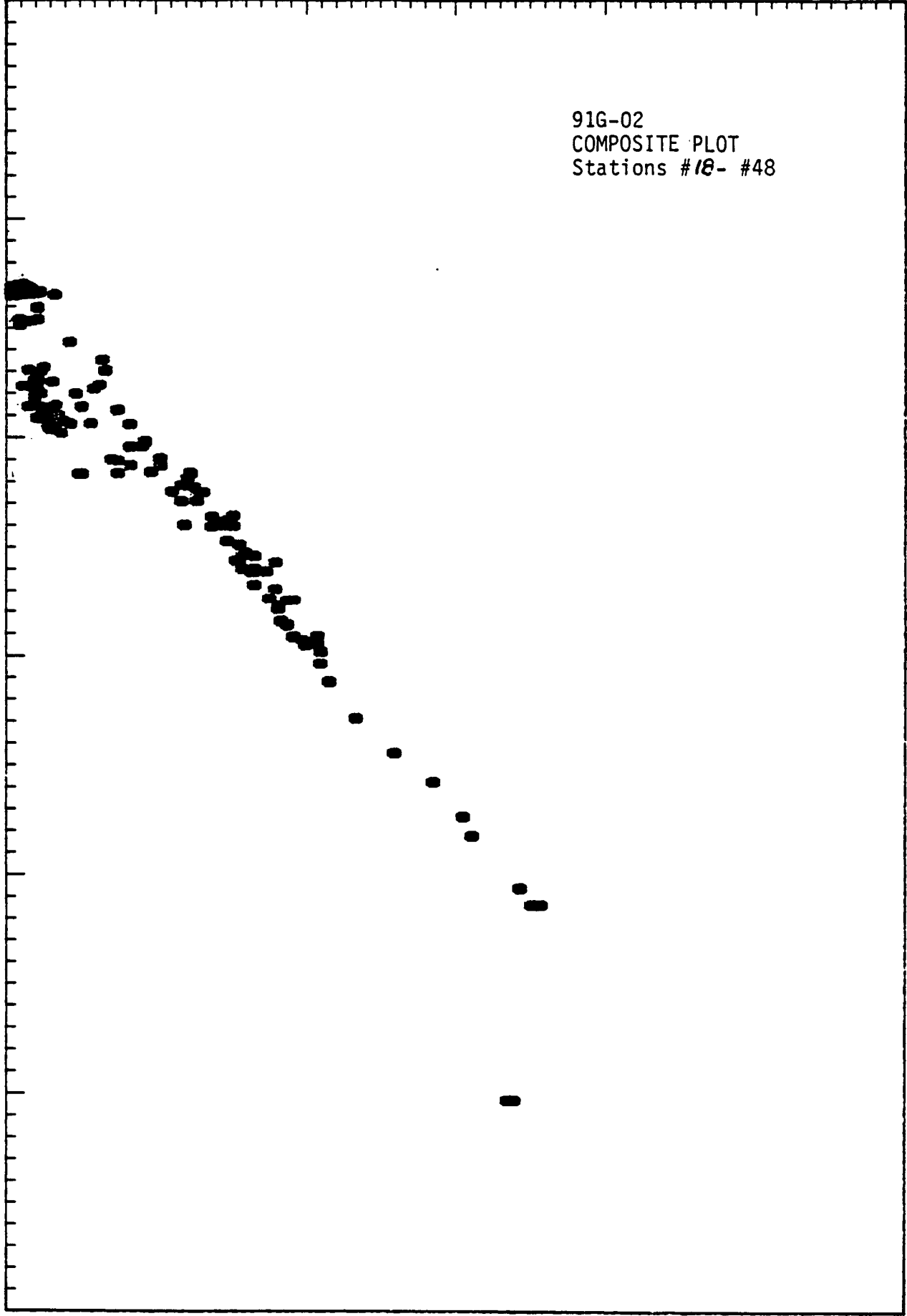
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2.00

2.50

91G-02  
COMPOSITE PLOT  
Stations #18- #48

25.0  
20.0  
15.0  
10.0  
5.0  
0.00



SILICA UM/1

10.00

20.00

30.00

91G-02  
COMPOSITE PLOT  
Stations #16 - #48

T  
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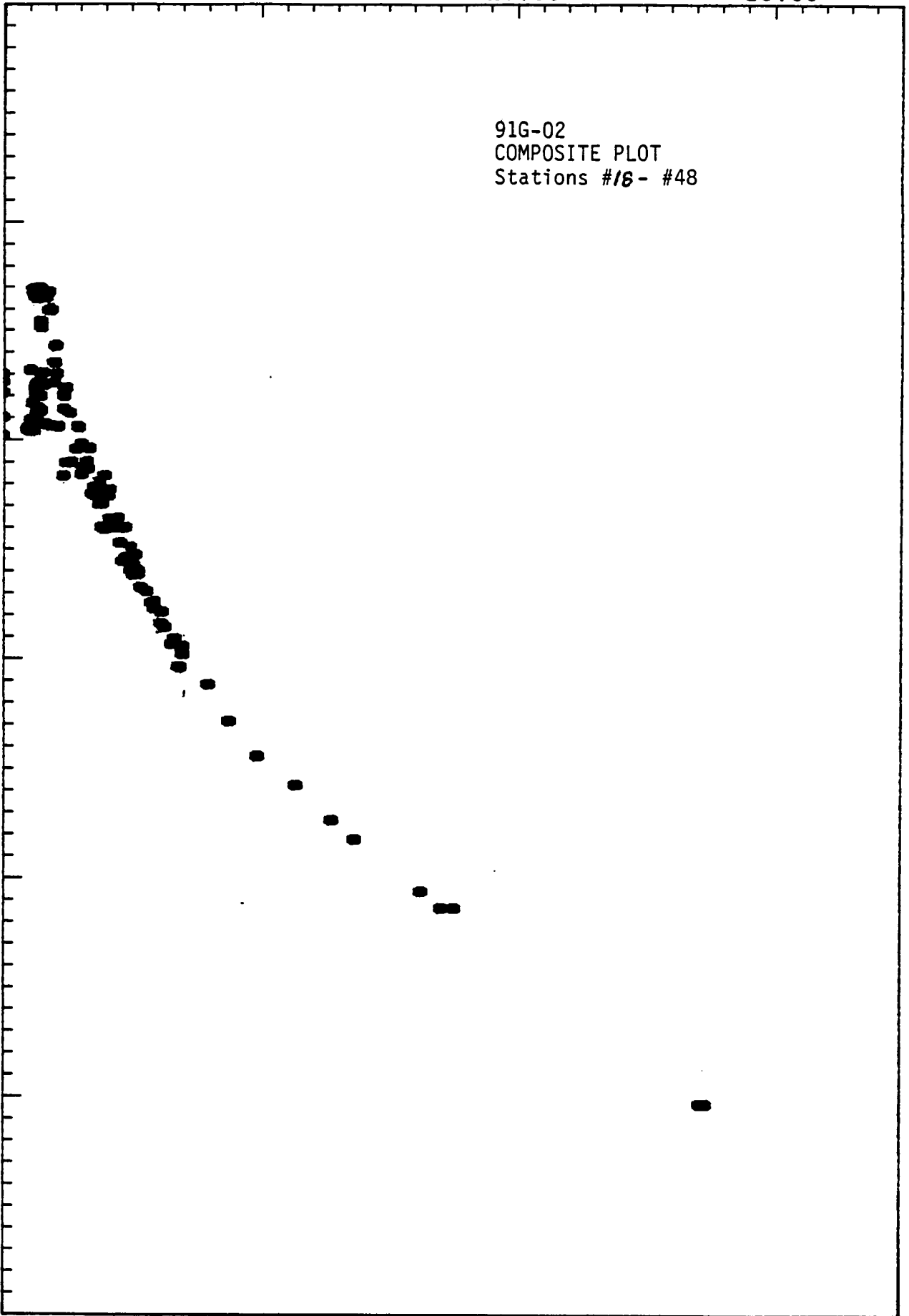
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## GALVESTON BAY SAMPLING

On 28 February, samples for nutrient and chlorophyll analysis were collected from a small boat by L.L. Griffin and A.M. Landry, of the Department of Marine Biology at Texas A&M University at Galveston. They collected a total of 29 samples from Dickinson Bayou, Highland Bayou, and from several other locations in the southern part of Galveston Bay and West Bay. The of mixing region between Galveston Bay and the inner shelf was sampled 1-2 March, by bucketing surface samples every 30 minutes while GYRE was underway from the Pelican Island ship channel in Galveston Bay (29°19N, 94°45W) to the first inner shelf station (28°48N, 94°25W; 20m water depth).

The estuarine nutrient samples from Galveston Bay were filtered through GF/F filters and frozen for later analysis at College Station with a Technicon AA-II six-channel autoanalyzer. The surface bucket samples taken 1-2 March were analyzed fresh, on board ship with an Alpkem IWA-6 six-channel autoanalyzer. The chlorophyll samples from Galveston Bay (the material trapped on the GF/F filters used to filter the nutrient samples) were also frozen, but they were thawed and analyzed at sea within a week of collection, during cruise 91G-02. The underway chlorophyll samples taken 1-2 March were analyzed fresh, on board ship, following the protocol described in the "Bottle Data" section of this report.

As in previous seasons (October 88; March 89; May 89; Oct 89), the estuarine water of Galveston Bay and its tributaries had markedly higher silicate and phosphate levels than did the inner shelf water just offshore. At sites with salinities less than 20 PSU, phosphate concentrations exceeded 1.0 ug-at/liter, and silicate exceeded 37 ug-at/liter.

## GALVESTON BAY SAMPLING, 28 FEB 91

### **DICKINSON BAYOU: samples 01-09**

- 01 sfc sample, bayou mouth in Dickinson Bay region of Galv Bay
- 02 sfc sample at Channel Marker #29
- 03 sfc sample, about 3 km further upstream
- 04 near bottom sample (ca 2 m), same location as sample #03
- 05 sfc sample, about 4 km farther upstream
- 06 near bottom sample (ca 2 m), same location as sample #05
- 07 sfc sample, about 3 km farther upstream
- 08 sfc sample, about 3 km farther upstream, and midstream near Sewage Treatment Plant
- 09 near bottom sample (ca 2.5 m), same location as sample #08

### **HIGHLAND BAYOU: samples 10-19**

- 10 sfc sample, bayou mouth in W Galveston Bay, ICWW
  - 11 sfc sample, Jones' Lake, piling ca 0.5 km from HBDC mouth
  - 12 sfc sample, inside mouth of Highland Bayou Diversionary Canal
  - 13 near bottom sample (ca 2.5 m), same location as sample #12
  - 14 sfc sample, about 5 km upstream of mouth of HBDC
  - 15 near bottom sample (ca 2.5 m), same location as sample #14
  - 16 sfc sample, about 3 km farther upstream, and midstream near Sewage Treatment Plant
  - 17 near bottom sample, same location as sample #16
  - 18 sfc sample, 3 km farther upstream from location #16, and downstream of Hwy 6 bridges
  - 19 near bottom sample (ca 2 m), same location as sample #18
- [there is no sample #20]

### **HOUSTON SHIP CHANNEL: samples 21-29**

- 21 sfc sample, near channel marker #10
- 22 sample from depth = 15 m, same location as sample #21
- 23 sfc sample, near channel marker #16
- 24 sample from depth = 5 m, near channel marker #26 and upstream of intercoastal waterway
- 25 sample from depth = 5 m, near channel marker #26
- 26 sfc sample, near channel marker #44
- 27 sample from depth = 5 m, same location as sample #26
- 28 sfc sample, near channel marker #56, off Smith's Point
- 29 sfc sample, near channel marker #62, N of Redfish Island

### **WEST BAY: sample 30**

- 30 sfc sample, near channel marker # 4 (vicinity of Pelican Island)

## Galv Bay 2/28

	SALINITY	N03	N02	PO4	SiOH4	CHL	PHAE0
1	10	25.2	0.48	3.0	51	22.2	1.6
2	9	9.7	0.48	2.9	57	26.2	0.9
3	<1	12.1	1.02	3.5	103	8.3	2.2
4	4	11.4	0.89	3.3	87	5.6	2.2
5	<1	19.2	0.96	4.2	141	0.6	2.0
6	4	13.1	1.06	3.1	85	3.4	6.0
7	<1	27.3	0.94	6.4	179	0.5	2.1
8	<1	44.8	0.76	10.8	171	0.9	2.1
9	<1	30.9	0.78	6.5	176	1.0	2.6
10	15	1.1	0.21	1.1	42	8.3	1.9
11	12	1.1	0.33	1.2	39	5.9	1.4
12	10	2.3	0.55	1.1	39	7.9	2.4
13	10	28.1	0.43	1.1	40	1.8	2.1
14	6	5.5	1.05	1.5	70	9.4	3.9
15	10	2.7	2.27	1.4	37	1.5	2.7
16	4	26.4	1.17	5.2	113	27.9	1.5
17	14	7.6	1.25	2.4	59	1.8	2.2
18	13	20.1	1.25	3.6	117	3.0	0.8
19	14	17.8	1.30	3.4	98	1.8	1.6
20							
21	24	4.6	0.34	0.3	19		
22	25	4.1	0.31	0.2	17	1.6	0.8
23	20	7.5	0.34	0.7	29	1.5	0.5
24	20	8.0	0.35	0.6	30	1.0	0.5
25	21	7.9	0.34	0.6	29	1.4	0.7
26	12	23.0	0.66	2.4	45	3.3	1.1
27	15	15.2	0.49	1.4	49	1.1	0.8
28	8	32.8	0.92	3.3	71	4.3	1.0
29	9	29.0	1.07	3.6	64	4.9	1.1
30	18	12.0	0.45	1.1	44	1.2	0.6

## Surface Sampling 3/01

	LATITUDE	LONGITUDE	SFC TEMP	SFC SALINITY	N03	N02	NH4	PO4	SiOH4	CHL
1	29 20.4	94 46.0	16.2	21.20	7.9	0.42	3.8	1.37	28.0	3.8
2	29 20.7	94 43.7	15.8	24.39	3.7	0.48	4.1	0.84	17.5	2.8
3	29 19.0	94 39.0	15.7	24.95	2.5	0.35	3.1	0.49	10.7	2.7
4	29 15.0	94 37.0	16.0	24.77	2.0	0.28	2.2	0.36	7.2	2.7
5	29 12.6	94 36.1	16.2		1.4	0.16	2.0	0.17	5.5	3.0
6	29 08.9	94 34.6	16.3	27.43	0.8	0.14	1.9	0.20	2.0	3.6
7	29 05.3	94 32.8	16.0	26.08	1.9	0.23	2.5	0.25	9.9	2.8
8	29 03.0	94 31.0	16.1	25.25	2.0	0.22	2.2	0.42	10.6	2.7
9	28 59.3	94 29.9	16.1	25.26	2.2	0.24	2.4	0.15	10.7	2.2
10	28 56.5	94 29.0	16.3	25.58	2.0	0.24	2.5	0.16	10.2	2.1
11	28 53.9	94 27.9	16.5	26.00	1.3	0.17	2.6	0.19	8.6	1.9
12	28 50.0	94 26.5	16.5	27.42	0.8	0.13	1.3	0.10	5.2	1.9
13	28 48.3	94 25.1	17.5	30.88	0.1	0.12	0.8	0.08	4.4	0.2
14	28 40.3	94 20.1	18.2	34.19	<0.1	0.08			1.9	0.2
15	28 25.6	94 11.0	19.2	36.20	<0.1	0.01	0.2	0.26	1.6	0.2

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 the wisest use of our land and water resources, protecting our fish and wildlife, 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 also assesses our energy and mineral resources and works to assure that their development is in the best interest of all our people. 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 Department of the Interior Mission

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



### The Minerals Management Service Mission

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

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

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