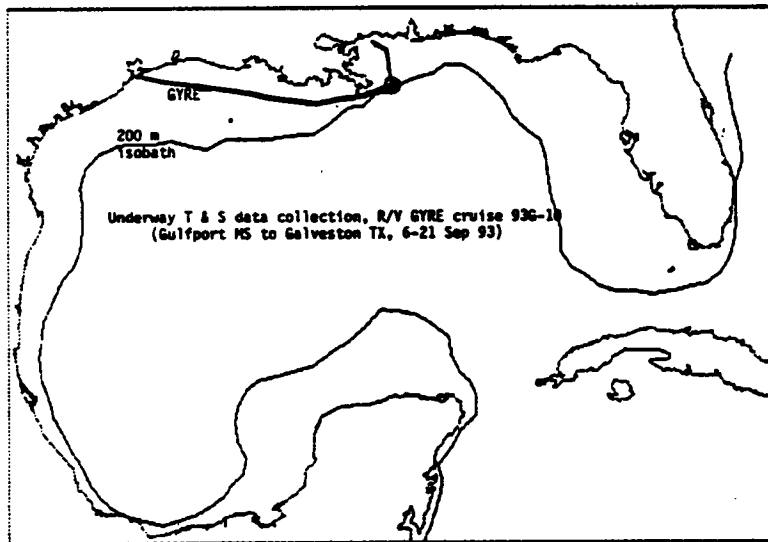
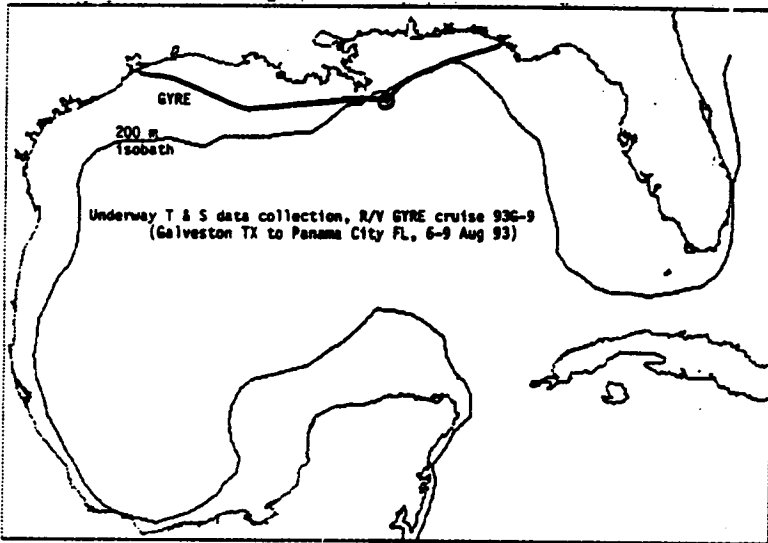
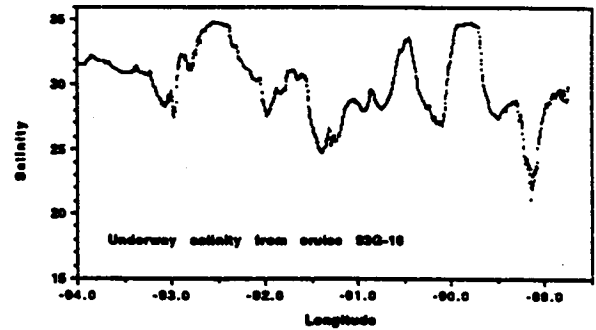
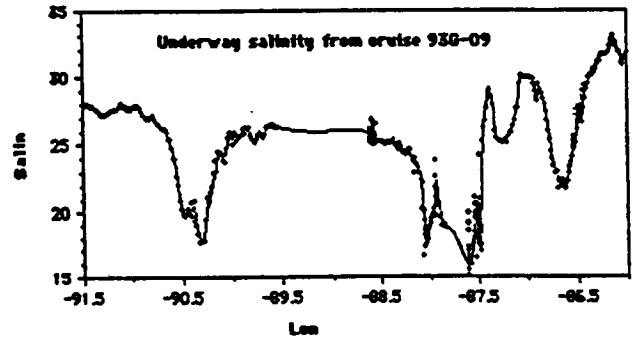


SHIP-OF-OPPORTUNITY HYDROGRAPHIC DATA FROM R/V GYRE CRUISES 93G-09, 93G-10, and 93G-11 in August-September-October 1993



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Technical Report 93-08-T of the Department of Oceanography
of Texas A&M University, College Station, TX 77843

12 November 1993

D.C. Biggs, Technical Editor
Department of Oceanography
TAMU College Station



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INTRODUCTION

CTD and XBT data were collected in August-September-October 1993 on three cruises of R/V *Gyre* while the TAMU research vessel was under charter to Navy-sponsored investigators from the Naval Research Laboratory (Stennis Space Center, MS) and the Naval Air Warfare Center (Warminster, PA). With the consent of the Chief Scientists of each of these cruises, the Technical Support Services Group at TAMU has reported these hydrographic data of opportunity to NOAA's National Oceanographic Data Center (TAMU Ship Of Opportunity Program code 0215) for inclusion into the data base of over 600 Ship of Opportunity Program CTD + XBT casts that TAMU Technicians have collected 1989-1993 from the Gulf of Mexico .

Cruise 93G-09: Galveston TX to Panama City FL

(Dawn Lavoie and Mike Richardson, NRL, Co-Chief Scientists)

From 6-9 August, as R/V *Gyre* transited from Galveston TX to Panama City FL, TAMU Electronics Technician RV Pittman logged temperature and salinity pumped through a sampling system that drew water from a depth of about 3.5 m into a sea chest in the aft section of the hull. Mr. Pittman also made a CTD cast of opportunity to 1200 m over the Louisiana slope at 28°42'N, 88°34'W on 8 August, and he dropped XBTs 10-15 n miles to the west and to the northeast of this site. The CTD cast and the 2 XBTs indicate that a warm (> 29.5°C) and low salinity (to 17 PSU) surface layer that was mixed to a depth of 6-7 m was flowing eastward from the Mississippi River delta in early August .

Cruise 93G-10: Gulfport MS to Galveston TX

(Dale Bibee, NRL, Chief Scientist)

Five CTD casts of opportunity were made while *Gyre* worked 10-13 September and 15-21 September just off the edge of the continental shelf near 29°07'N and 88°30'W in a water depth of 230-250 m. These CTD casts indicate that some freshwater continued to flow east from the Mississippi River delta in September, for all had a surface layer of salinity 26-29 PSU that was mixed to a depth of 5-7 m. Temperature and salinity records from the pumped flow from a depth of 3.5 m show that even lower salinity occurred during transient events: pumped salinity dropped to < 24 PSU for 6 hours on 10 September and again for 4 hours on 13 September.

Cruise 93G-11: Galveston TX to Galveston TX

(Tony Brescia, NAWC, Chief Scientist)

From 24 September - 9 October, *Gyre* supported Navy-sponsored work on the continental margin off south Texas. East of Port Isabel, TX, 7 CTD casts and 40 XBT drops were made in water depths of 50 - 300 m. The area was characterized by Gulf Common Water: surface salinity here ranged 35.89 - 36.02 PSU, and maximum salinity subsurface was less than 36.52 PSU.

POSITIONS OF CTD + XBT STATIONS

R/V Gyre cruise 93G-09

<u>Date</u>	<u>GMT</u>	<u>Location</u>	<u>Station</u>	<u>Cast Depth</u>
07 Aug	16:09	29 08.6N 88 54.0W	XBT-1	760 m
08 Aug	03:45	28 42.4N 88 33.7W	CTD-1	1200 m
08 Aug	06:28	28 55.5N 88 22.5W	XBT-2	760 m

R/V Gyre cruise 93G-10

10 Sep	02:45	29 07.8N 88 29.4W	CTD-1	231 m
11 Sep	02:25	29 07.3N 88 29.3W	CTD-2	227 m
12 Sep	06:09	29 07.3N 88 31.1W	CTD-3	242 m
13 Sep	00:03	29 07.3N 88 31.1W	CTD-4	238 m
16 Sep	01:07	29 06.5N 88 32.1W	CTD-5	239 m

R/V Gyre cruise 93G-11

25 Sep	14:31	26 18.9N 96 40.9W	XBT-01	45 m
	15:34	26 18.8N 96 34.8W	XBT-02	55 m
	18:09	26 20.9N 96 34.8W	CTD-01	56 m
	19:10	26 20.5N 96 34.5W	XBT-03	56 m
	21:31	26 18.6N 96 33.7W	CTD-02	49 m
	22:59	26 18.6N 96 33.7W	XBT-04	50 m
	23:57	26 18.8N 96 33.6W	XBT-05	50 m
26 Sep	00:56	26 18.8N 96 31.4W	XBT-06	60 m
	01:58	26 18.8N 96 25.7W	XBT-07	75 m
	02:57	26 19.3N 96 20.3W	XBT-08	110 m
	04:07	26 24.8N 96 19.3W	XBT-09	200 m
	16:55	26 18.8N 96 20.4W	XBT-10	95 m
	18:08	26 18.7N 96 24.7W	XBT-11	75 m
	27 Sep	15:36	26 18.6N 96 20.4W	XBT-12
16:30		26 18.7N 96 21.7W	XBT-13	100 m
18:58		26 16.7N 96 22.4W	XBT-14	81 m
28 Sep	18:22	26 18.5N 96 22.4W	XBT-15	81 m
	19:52	26 17.8N 96 24.8W	XBT-16	81 m

POSITIONS OF CTD + XBT STATIONS (continued)

28 Sep	21:30	26 17.9N 96 27.5W	XBT-17	65 m
	23:35	26 17.9N 96 32.6W	XBT-18	56 m
29 Sep	01:04	26 17.9N 96 34.8W	XBT-19	56 m
	02:32	26 17.6N 96 35.0W	CTD-03	52 m
	04:11	26 25.1N 96 32.4W	XBT-20	70 m
	06:45	26 21.2N 96 25.4W	XBT-21	75 m
	16:20	26 17.8N 96 21.5W	XBT-22	38 m
	16:51	26 17.9N 96 23.9W	XBT-23	80 m
	20:25	26 17.8N 96 25.9W	XBT-24	70 m
	23:31	26 17.9N 96 28.1W	XBT-25	65 m
30 Sep	02:16	26 17.9N 96 30.5W	XBT-26	60 m
	21:52	26 18.1N 96 26.1W	XBT-27	70 m
02 Oct	16:01	26 18.7N 96 21.6W	XBT-28	85 m
	21:20	26 18.7N 96 23.7W	XBT-29	75 m
03 Oct	02:15	26 18.7N 96 24.9W	XBT-30	75 m
	19:48	26 18.1N 96 21.8W	XBT-31	85 m
	21:34	26 17.8N 96 23.4W	XBT-32	75 m
04 Oct	02:04	26 17.9N 96 21.4W	XBT-33	90 m
	21:45	26 17.8N 96 23.9W	XBT-34	75 m
	23:16	26 17.8N 96 24.1W	CTD-04	71 m
05 Oct	17:36	26 18.3N 96 24.0W	XBT-35	75 m
	22:06	26 18.4N 96 24.0W	XBT-36	75 m
06 Oct	04:21	26 18.7N 96 35.0W	CTD-05	48 m
	05:40	26 30.0N 96 35.1W	CTD-06	65 m
	07:25	26 30.0N 96 19.0W	CTD-07	299 m
	13:40	26 18.4N 96 28.2W	XBT-37	65 m
	23:30	26 18.2N 96 32.9W	XBT-38	55 m
07 Oct	14:18	26 18.4N 96 23.9W	XBT-39	75 m
	21:10	26 18.3N 96 28.4W	XBT-40	65 m

NOAA FORM 73-26 16-70										U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION										FORM APPROVED G.A.B. No. 41-27734	
936-09										MARINE COASTAL WEATHER LOG—SHIP STATION										Page 2 of 3	
SHIP NAME RN-67RE										RADIO CALL SIGN R-7-C-L										DATE 15 AUG 93	
(1) DATE	(2) TIME (GMT)	(3) POSITION	(4) PRESENT WEATHER	(5) VISI- BILITY (MI)	(6) WIND DIR. (DEG)	(7) WIND SPEED (KTS)	(8) WAVE HEIGHT (FT)	(9) WAVE DIRECTION (DEG)	(10) SWELL HEIGHT (FT)	(11) SEA TEMP. (DEG)	(12) AIR TEMP. (DEG)	(13) WIND DIR. (DEG)	(14) WIND SPEED (KTS)	(15) PRESS- URE (IN)	(16) RELATIVE HUMID. (%)						
15	2145	29°42'N 85°40'W	CLEAR	8	W	8	1	W	4	84	→	1098									
16	0000	29°40'N 85°39'W	CLR-HAZE	6	W	15	1	W	4	84		1017									
16	0830	29°41'N 85°40'W	HAZE	6	W	12	1	W	2	85		1019									
16	0830	29°40'N 85°42'W	CLR-HAZE	8	W	8	0-1	W	2	85		1018.5									
16	1130	29°40'N 85°41'W	CLDY-HAZE	6	N	3	0	W	2	85		1019.1									
16	1630	29°41'N 85°41'W	HAZE	4	W	1-2	0	W	1	85		1021									
16	2047	29°41'N 85°41'W	HAZE	4	W	6	0	W	+1	86		1018									
17	0000	29°40'N 85°39'W	HAZE	4	W	3	0	W	1	86		1018									
17	0100	29°40'N 85°40'W	HAZE	4	W	0-2	0	W	1	84.7		1020									
17	0845	29°41'N 85°41'W	HAZE	3	W	3	0	W	0-1	84.6		1019									
17	1010	29°41'N 85°40'W	CLR-HAZE	4	ENE	9	-1	NE	1	83		1019.0									
17	1400	29°41'N 85°40'W	HAZE	4	ENE	2	0	ENE	1	83		1020									
17	2045	29°41'N 85°40'W	CLR	8	ENE	9	-1	SSW	1	90.5		1017									
18	0000	29°41'N 85°41'W	CLR-HAZE	4	W	7	-1	W	1	85		1018.8									
18	0440	29°42'N 85°42'W	HAZE	6	W	6	0-1	W	1	86		1020									
18	0845	29°41'N 85°40'W	CLR-HAZE	8	W	5	0-1	W	1	86.6		1018.5									
18	1230	29°41'N 85°41'W	HAZE	4	W	4	0-1	W	1	87	→	1018.8									
18	2000	29°41'N 85°41'W	HAZE	3	W	10	0-1	W	+1	86.5		1015									
19	0000	29°39'N 85°40'W	HAZE	3	SW	14	0-1	W	1-2	87		1016.2									
19	0445	29°40'N 85°41'W	HAZE	3-4	W	13	0-1	W	1-2	87		1019									
19	0830	29°51'N 85°41'W	HAZE	2-3	W	15	0-1	W	1-2	86.3		1016									
20	1230	29°40'N 85°40'W	PT. CLDY-HAZE	4	SW	12	-1	SW	1-2	85		1021.0									
20	1645	29°41'N 85°40'W	PT. CLDY-HAZE	4	SW	5	0-1	SW	1	92		1022									
20	2030	29°41'N 85°40'W	PT. CLDY-HAZE	6	SW	11	-1	SW	1	89		1020.5									
21	0000	29°40'N 85°40'W	CLR-HAZE	6	W	12	-1	W	1	86		1020.5									
21	0445	29°40'N 85°37'W	HAZE	6	W	5	0-1	W	1	84		1021									
21	0830	29°40'N 85°42'W	CLEAR	7	W	12	1	W	1-2	84.3		1019									
21	1230	29°41'N 85°41'W	PT. CLDY-HAZE	6	W	7	1	W	2	87		1020.0									
21	1630	29°41'N 85°41'W	HAZE	4	W	9	1	W	1	86		1021									
21	2000	29°41'N 85°41'W	CLEAR	6	SW	13	1	W	2	87.5		1019									
22	0030	29°40'N 85°40'W	PT. CLDY	6	W	16	1	W	2	85		1018.5									
22	0430	29°40'N 85°40'W	PT. CLOUDY	6	W	18	1	N	2	85		1022									
22	0845	29°40'N 85°40'W	CLEAR	6	W	16	1	W	2	85		1020									
22	1230	29°40'N 85°40'W	PT. CLDY	6	W	14	1	W	2	84	→	1021.5									
22	1630	29°41'N 85°41'W	CLR-PT. CLOUDY	6	W	16	1	W	2	89		1025									
22	2030	29°40'N 85°40'W	CLR-PT. CLOUDY	8	W	14	1	W	2-3	89		1019									
23	0000	29°40'N 85°40'W	PT. CLDY	6	W	17	1	W	2-3	86		1020.0									
23	0430	29°41'N 85°39'W	PT. CLOUDY	6	W	18	1	W	2-3	85		1021									
23	0830	29°40'N 85°40'W	CLEAR	8	W	18	+1	W	3	85		1020.5									
23	1230	29°39'N 85°40'W	PT. CLDY	6	W	19	1	W	3	85		1020.0									
23	1630	29°40'N 85°40'W	LT. HAZE-CLR	6	W	13	1	W	3	83		1022									
23	2045	30°04'N 85°40'W	CLOUDY	2	W	20	1	W	2	81.7		1018									
24	2000	29°45'N 85°42'W	LT. HAZE-CLR	5	S	10	1	S	2	88.8		1016									
25	0000	29°41'N 85°41'W	PT. CLDY	5	SE	9	0	SE	1	85		1019									
25	0430	29°41'N 85°41'W	PT. CLOUDY	4	N	13	-1	E	1	84		1021									
25	0830	29°41'N 85°41'W	CLEAR	8	ENE	18	-1	E	1	84.9		1020									
25	1230	29°41'N 85°41'W	CLEAR	8	ENE	18	-1	E	2	81		1022									
25	1630	29°41'N 85°40'W	PT. CLOUDY	6	ENE	13	1	E	2	82		1022									
25	2045	29°50'N 85°41'W	PT. CLOUDY	6	NE	10	1	E	1-2	88.9		1011									
26	0000	29°52'N 85°41'W	PT. CLOUDY	5	SE	15	1	SE	2	87		1021									
26	0430	29°52'N 85°41'W	PT. CLOUDY	6	SE	9	1	SE	1	84		1022									

930-09

MARINE COASTAL WEATHER LOG - SHIP STATION

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SHIP NAME		R/V GYRE										DATE		25 AUG 1993
												RADIO CALL SIGN		KVCL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
DATE	TIME	POSITION	PRESENT WEATHER	WIND DIRECTION	WIND VELOCITY	WAVE PERIOD	WAVE DIRECTION	WAVE HEIGHT	WAVE PERIOD	WAVE DIRECTION	WAVE HEIGHT	SEA STATE	SWELL PERIOD	SWELL DIRECTION
AWG	ZONE			(DIR)	(KTS)	(SEC)	(DIR)	(FT)	(SEC)	(DIR)	(FT)		(SEC)	(DIR)
26	0130	29°50'N 85°46'W	CLEAR	8	NE	8	0-1	NE	1			84	1022	
26	0135	29°52'N 85°46'W	REL. CALM	6	NE	11	1	NE	1-2			82	1023	
26	1630	29°57'N 85°47'W	PTLY CLOUDY	6	NE	9	0-1	NE	1			83	1024	
26	2030	29°58'N 85°48'W	PTLY CLOUDY	8	SSE	7	0-1	SSE	1-2			84	1025	
27	0530	29°51'N 85°49'W	PTLY CLOUDY	6	NW	6	0	SSE	1			84	1030	
27	0930	29°39'N 86°29'W	PT. CLOUDY	6	SE	6	0	SE	1			84	1022	
27	0130	29°32'N 86°30'W	PT. CLOUDY	8	NE	8	0	NE	1			82	1021	
27	1730	29°46'N 85°45'W	PTLY CLOUDY	6	E	8	0	E	1			83	1021	
27	1810	29°43'N 85°41'W	PT. CLOUDY	6	E	10	1	E	1			82	1022	
27	2005	29°35'N 85°38'W	CLOUDY	6	SE	14	1	SE	2			83	1021	
28	0100	29°46'N 85°42'W	CLOUDY	6	SSW	10	0	SE	1+			82	1020	
28	0140	29°44'N 85°43'W	PT. CLOUDY	8	NE	10	0-1	ELY	1			80	1021	
28	0830	29°41'N 85°42'W	PT. CLOUDY	8	NE	10	0-1	ELY	1			80	1020	
28	1130	29°40'N 85°42'W	PTLY CLOUDY	6	E	10	0-1	NE	1+			81	1021	
28	1630	29°38'N 85°40'W	CLOUDY	6	NE	6	0-1	NE	1			86	1020	
28	2030	29°40'N 85°41'W	PTLY CLOUDY	8	SE	2	0	SE	0-1			82	1017	
29	0100	29°42'N 85°40'W	PTLY CLOUDY	6	WSW	2	0	ESE	1			82	1017	
29	0430	29°42'N 85°40'W	CLOUDY	8	WSW	8	0-1	WLY	1			82	1020	
29	0830	29°42'N 85°41'W	CLOUDY	8	W	6	0-1	WLY	1			82	1017	
29	1230	29°39'N 85°40'W	CLOUDY	8	NW	15	1	WLY	2-3			83	1018	
29	1630	29°42'N 85°41'W	CLOUDY - HAZE	6	NNE	4	0-1	WLY	2-3			84	1019	
29	2030	29°41'N 85°41'W	CLOUDY - HAZE	6	WSW	2	0	WLY	1-2			84	1015	
29	0130	29°41'N 85°42'W	CLOUDY	6	SSW	2	0	WLY	1			83	1016	
30	1230	29°40'N 85°40'W	CLOUDY, T.S.	6	ESE	16	1	E'ly	1-2			81	1017	
30	1630	29°41'N 85°41'W	OVERCAST - RAIN	3	SE	4	1	SE	1-2			77	1018	
30	2030	29°41'N 85°40'W	CLOUDY T.S.	5	E	14	0-1	E	2			79	1017	
31	0130	29°40'N 85°40'W	CLOUDY	6	E	14	0-1	E	2			80	1017	
31	0130	29°41'N 85°40'W	CLOUDY	6	E	15	0-1	E'ly	1-2			80	1019	
31	0830	29°41'N 85°41'W	PT. CLOUDY	6	NE	8	0-1	E'ly	1			81	1015	
31	1230	29°41'N 85°41'W	CLOUDY	6	ESE	14	-1	E'ly	1-2			81	1015	
31	1630	29°41'N 85°40'W	CLOUDY	6	E	13	1	E'ly	1-2			83	1019	
31	2030	29°41'N 85°41'W	CLOUDY	6	E	14	1	E'ly	2			84	1017	
31	0130	29°41'N 85°41'W	CLOUDY	6	ESE	10	1	E'ly	2			83	1016	
31	0130	29°42'N 85°41'W	CLOUDY	6	E	12	1	SE	2-3			82	1017	
1	0130	29°42'N 85°41'W	CLOUDY	6	ESE	10	1	E'ly	2			83	1016	
1	0140	29°42'N 85°41'W	CLOUDY	6	E	12	1	SE	2-3			82	1019	
1	0130	29°42'N 85°41'W	CLOUDY T.S.	5	SE	16	1	SE	2-3			81	1016	
1	1230	29°42'N 85°41'W	CLOUDY T.S.	4	E	14	1	SE	2-3			82	1018	
1	1630	29°41'N 85°41'W	CLOUDY	4	ESE	14	1	SE	2-3			85	1020	
1	2045	29°41'N 85°41'W	CLOUDY T.S.	4	SE	12	1	SE	2-3			84	1017	
2	0130	29°44'N 85°42'W	CLOUDY	5	SE	16	1	SE	2-3			84	1019	
2	1030	29°43'N 85°42'W	CLOUDY T.S.	8	SSE	14	1	SE	2-3			85	1020	
2	1630	29°41'N 85°41'W	CLOUDY	8	SE	16	1	SSE	2-3			85	1023	
2	2030	29°41'N 85°40'W	CLOUDY	6	SE	16	1	SSE	3+			87	1025	
3	0130	29°46'N 85°41'W	CLOUDY	6	SSE	10	1	SSE	3			84	1020	
3	0430	29°41'N 85°41'W	CLOUDY	6	SSE	15	1	SSE	3			85	1025	
3	0830	29°45'N 85°41'W	PT. CLOUDY	9	SSE	18	1	SSE	3			83	1022	
3	1230	29°46'N 85°41'W	REL. CALM	9	SSW	14	1	SSW	3+			85	1025	
4	1630	30°06'N 85°52'W	PT. CLOUDY	10	E	13	0-1	SSW	2			80	1022	
4	2030	30°06'N 85°41'W	CLOUDY	6	NE	8	0+	SW	2			83	1017	
5	0130	30°06'N 85°41'W	CLOUDY	8	SSW	11	0	SW	1+			81	1016	
5	0130	30°06'N 85°41'W	CLOUDY - HAZE	6	E	7	0-1	SW	1-2			81	1020	
5	0830	30°06'N 85°40'W	CLOUDY T.S.	7	NE	5	0	SW	0-1			81	1016	

93G-10

MARINE COASTAL WEATHER LOG—SHIP STATION

Page 1 of 2

SHIP NAME		RADIO CALL SIGN		DATE (month and year)								
R/V GYRE		CWIC 93G-10		9 SEPT, 1995								
(1) DATE	(2) TIME (GMT)	(3) POSITION	(4) PRESENT WEATHER	(5) VISI- BILITY (MI)	(6) STATE OF SEA			(7) WIND DIR (DEG)	(8) WIND SPEED (KTS)	(9) WIND SPEED (KTS)	(10) PRES- SURE (IN)	(11) REMARKS (GMS, OBS.)
					WAVE HT (FT)	PERIOD (SEC)	DIRECTION (DEG)					
9	0430	29°47'N, 88°41'W	CLEAR	8	SE	6	0	S	1	82	1019	
9	0545	29°50'N, 88°49'W	CLD	8	SE	8	0	S	0-1	82	1016	
9	0630	29°07'N, 88°29'W	CLDY TS	8	S	10	0	SW	1	79	1019	
9	0630	29°06'N, 88°30'W	PARTLY CLDY	8	W	8	1	SW	2	87	1019	
9	0730	29°07'N, 88°31'W	PARTLY CLDY	8	W	1	0	SSW	1	83	1017	
10	0830	29°07'N, 88°31'W	PARTLY CLDY	6	SE	6	0	SSW	1+	84	1017	
10	0930	29°07'N, 88°29'W	PARTLY CLDY	6	SW	7	0	SW	1-2	83	1022	
10	0930	29°07'N, 88°29'W	CLEAR	8	W	11	0	SW	1+	83	1020.5	
10	1230	29°05'N, 88°25'W	CLEAR	6	N	8	-1	SW	1+	85	1022	
10	1630	29°06'N, 88°29'W	CLOUDY-TS	4	NW	11	0-1	NW	1-2	84	1024	
10	2030	29°06'N, 88°30'W	CLOUDY	4	NW	6.4	0-1	NW	1-2	85	1020.5	
11	0030	29°07'N, 88°29'W	CLEAR	6	W	7	-1	W	1+	84	1020	
11	0430	29°07'N, 88°29'W	PARTLY CLDY	6	SW	6	0-1	W	1	85	1024	
11	0830	29°07'N, 88°29'W	PARTLY CLDY	8	NW	10	0	NW	0-1	82	1022	
11	1230	29°07'N, 88°29'W	PARTLY CLDY	6	NW	6	0	NW	1+	83	1022	
11	1630	29°06'N, 88°30'W	PARTLY CLDY/HAZE	4	E	4	0	E	1	83	1025	
11	2030	29°07'N, 88°31'W	PARTLY CLDY/HAZE	4	W	2	0	NW	0-1	86	1018	
12	0030	29°07'N, 88°31'W	CLEAR	6	NW	2	0	W	-1	84	1022	
12	0430	29°07'N, 88°31'W	CLEAR-17 MILES	4.6	NE	3	0	W	0-1	83	1023	
12	0830	29°07'N, 88°31'W	CLEAR	8	NE	0.7	0		0	80	1022	
12	1230	29°07'N, 88°31'W	17 MILES	6	NW	1	0	NE	-1	85	1023	
12	1630	29°07'N, 88°31'W	17 MILES	8	W	8	0	NE	-1	88	1025	
12	2030	29°07'N, 88°31'W	HAZE	5	SE	2	0	S	0-1	85	1011	
13	0030	29°07'N, 88°31'W	CLOUDY TS	6	SSW	8	0	S	-1	83	1023	
13	0430	29°08'N, 88°31'W	CLEAR	8	SE	12	0-1	SE	1	84	1024	
13	0830	29°08'N, 88°30'W	CLEAR	8	S	10	0-1	S	1	84.3	1022	
13	1230	29°08'N, 88°31'W	CLEAR	8	NE	14	1	SE	2+	84	1024	
13	1630	29°08'N, 88°31'W	CLOUDY	3	S	14	1	SSW	2	86	1025	
15	0030	29°07'N, 88°31'W	PARTLY CLDY	8	SE	15	1-2	SSE	2-4	84	1021	
15	0430	29°08'N, 88°31'W	PARTLY CLDY	8	SSW	4	1	SSE	3	83	1022	
15	0830	29°07'N, 88°31'W	PARTLY CLDY	8	SE	6	1	SSW	3	85	1025	
15	2030	29°07'N, 88°31'W	PARTLY CLDY	8	SE	5	1	SSW	3	84.5	1018	
16	0030	29°07'N, 88°31'W	PARTLY CLDY	6	SE	4	1	SSE	2	84	1021	
16	0430	29°08'N, 88°31'W	CLEAR	8	SSE	6	0-1	SW	2	83	1029	
16	0830	29°07'N, 88°31'W	CLEAR	8	SE	6	0-1	SW	1-2	80.9	1020	
16	1230	29°07'N, 88°31'W	PARTLY CLDY	8	SE	10	-1	SE	2-3	84	1022	
16	1630	29°07'N, 88°31'W	PARTLY CLDY	8	SE	9	0-1	SSE	2-3	84	1023	
16	2030	29°07'N, 88°31'W	PARTLY CLDY	8	NE	6	0-1	SE	2-3	87.3	1019	
17	0030	29°07'N, 88°31'W	PARTLY CLDY	8	ESE	4	0	SSE	2-3	84	1019	
17	0430	29°07'N, 88°31'W	CLEAR	8	ENE	10	0-1	SSE	2		1023	
17	0830	29°07'N, 88°31'W	CLEAR	8	ESE	8	0-1	SE	2	84	1021	
17	1230	29°07'N, 88°31'W	PARTLY CLDY	8	ESE	7	-1	ESE	2	85	1021	
17	1630	29°07'N, 88°31'W	CLOUDY	8	ENE	8	0-1	ESE	2	86	1023	
17	2030	29°07'N, 88°31'W	CLOUDY TS	6	E	6.5	0-1	ESE	2	85	1018	
18	0030	29°07'N, 88°32'W	LOW STS	6	ESE	10	1	CONF	2+	84	1019	
18	0430	29°07'N, 88°30'W	CLOUDY	6	ESE	12	1	CONF	2-3	83	1022	
18	0830	29°10'N, 88°26'W	PARTLY CLDY	8	SE	2	1	CONF	2-3	85	1020	
18	1230	29°07'N, 88°31'W	PARTLY CLDY	8	ENE	14	1	ESE	2-3	84	1020	
18	1630	29°07'N, 88°31'W	PARTLY CLDY	8	E	10	1	ESE	2-3	85	1021	
18	2030	29°07'N, 88°31'W	PARTLY CLDY	6	E	10	1	SE	3	88	1016	

NOAA FORM 72-1a (6-74)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION										FORM APPROVED O.M.S. No. 61-23734	
936-10		MARINE COASTAL WEATHER LOG—SHIP STATION										Page 2 of 2	
SHIP NAME VIGOR		RADIO CALL SIGN KJCL										DATE 19 SEP 73	
(I) DATE	(II) TIME (GMT)	(3) POSITION	(4) PRESENT WEATHER	(5) VISIB. (MI)	(6) WIND DIR. (DEG)	(7) WIND SPEED (KTS)	(8) STATE OF SEA			(9) SWELL TEMP. (C)	(10) AIR TEMP. (C)	(11) PRESSURE (MM HG)	(12) REMARKS (Wind, Dir.)
							WAVE HEIGHT (FT)	DIRECTION (DEG)	PERIOD (SEC)				
19	0000	29°04'N, 88°31'W	PTLY CLDY	6	ESE	9	-1	E'ly	2-3	84	1018		
19	0430	29°07'N, 88°31'W	PTLY CLOUDY	8	ESE	9	0-1	E'ly	2-3	85	1021		
19	0830	29°07'N, 88°31'W	CLEAR	8	ESE	10	0	E'ly	1-2	84	1018		
19	1230	29°07'N, 88°31'W	PTLY CLDY	8	ESE	10	1	E'ly	2+	84	1020		
19	1630	29°07'N, 88°29'W	PTLY CLOUDY	8	ESE	9	0-1	ESE	2	85	1021		
19	2030	29°07'N, 88°31'W	PT CLDY	8	ESE	13	1	E'ly	2-	85	1015		
20	0030	29°26'N, 88°31'W	PTLY CLDY	6	ESE	10	1	E'ly	2	85	1018		
20	0430	29°29'N, 88°58'W	PT. CLOUDY	8	ESE	9	1	ESE	2	84	1020		
20	0830	29°47'N, 88°44'W	CLEAR	8	ESE	10	1	ESE	2	84	1018		
20	1230	29°41'N, 90°31'W	PTLY CLDY	8	S	9	1	SE	2-3	85	1019		
20	1630	29°47'N, 91°18'W	CLOUDY	8	SSE	11	1	SE	2-3	88	1021		
20	2030	29°55'N, 91°06'W	PTLY CLDY	8	SE	10	1	SE	3-4	90	1015		
21	0030	29°12'N, 90°55'W	PTLY CLDY	8	S	4-8	1	SE	3+	85	1018		
21	0430	29°07'N, 93°33'W	PT CLOUDY	8	SE	12	1	SE	3	85	1022		
21	0830	29°15'N, 94°12'W	PT CLDY	8	SE	12	1	SE	3	86	1020		

93G-11

MARINE COASTAL WEATHER LOG - SHIP STATION

Page 2 of 2

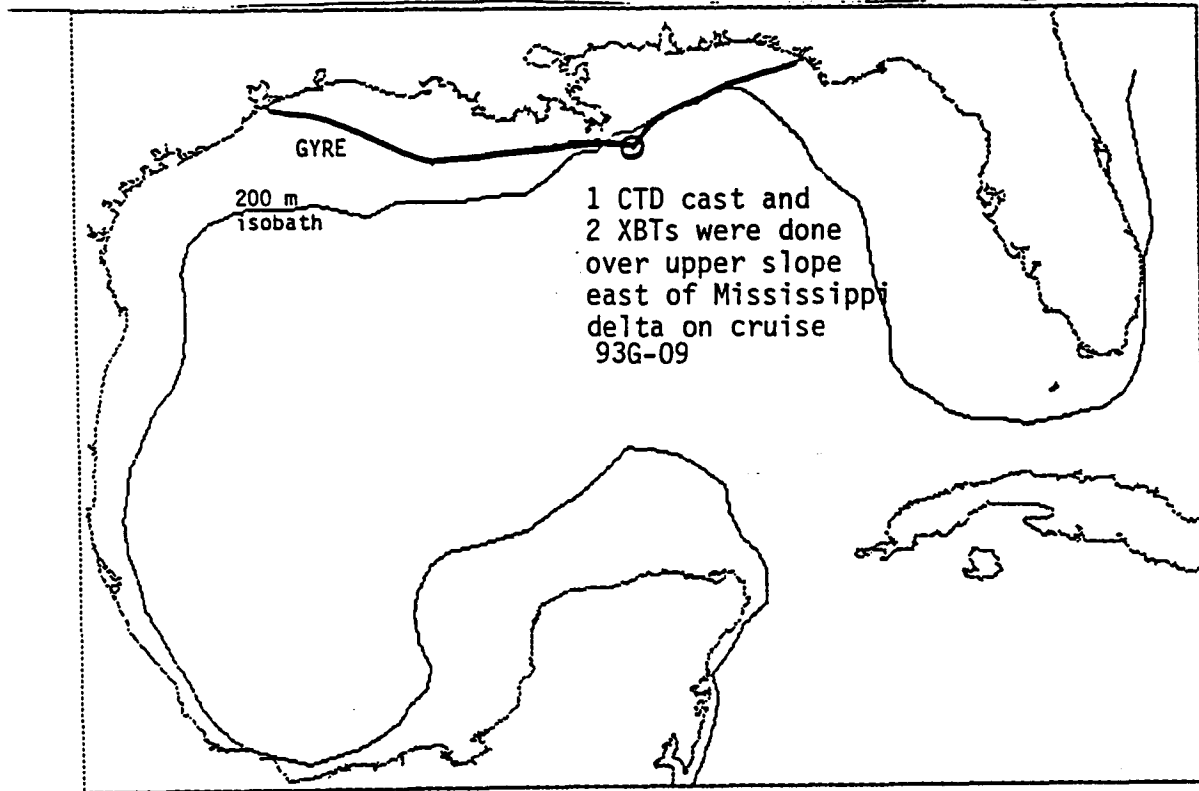
SHIP NAME		CRUISE		SHIP STATION		RADIO CALL SIGN		DATE		OBSERVER		
R/V GYRE		CRUISE 93G-11		SHIP STATION		R/V GYRE		OCT 93		OBSERVER		
(1) DATE	(2) TIME (GMT)	(3) POSITION	(4) PRESENT WEATHER	(5) VISIB. (MI)	(6) WIND DIR. (DEG)	(7) WIND SPEED (KTS)	(8) STATE OF SEA			(9) WAVE PERIOD (SEC)	(10) WAVE HEIGHT (FT)	(11) REMARKS (TIME, ETC.)
							WAVE DIR. (DEG)	WAVE PERIOD (SEC)	WAVE HEIGHT (FT)			
2	0000	26°17'49"N, 96°36'W	PT CLOUDY	6	ESE	13	-	E 1/4	2-3		83 1020	
2	1530	26°19'49"N, 96°26'W	PT CLOUDY	6	SE	14	1-2	E 1/4	4-6		82 1020	
2	1630	26°18'N, 96°23'W	PT CLOUDY	8	ESE	19	1-2	E 1/4	3-5		83 1022	
2	2000	26°19'N, 96°21'W	PT CLOUDY	8	ESE	15	1	E 1/4	3-5		85 1019	
3	0000	26°18'N, 96°23'W	PT CLOUDY	6	ESE	13	1	E 1/4	3-4		89 1023	
3	1630	26°17'N, 96°22'W	PT CLOUDY	8	ESE	11	1	E 1/4	2-3		82 1025	
3	0000	26°20'N, 96°23'W	PT CLOUDY	8	ESE	13	1	E 1/4	2-3		81 1024	
3	1500	26°18'N, 96°21'W	PT CLOUDY	6	ESE	12	-	SE	3-3		81 1024	
3	1630	26°18'N, 96°21'W	PT CLOUDY	8	ESE	8	1	E	2		82 1025	
3	2000	26°18'N, 96°21'W	PT CLOUDY	8	ESE	15	0-1	E	2-2		84 1024	
4	0000	26°17'N, 96°22'W	PT CLOUDY	6	ESE	12	1	E 1/4	2-3		81 1022	
4	0430	26°17'N, 96°21'W	PT CLOUDY	8	E	10	1	E 1/4	2-3		81 1025	
4	0830	26°24'N, 96°20'W	PT CLOUDY	8	E	11	0-1	E	2-3		80 1023	
4	1230	26°18'N, 96°20'W	PT CLOUDY	8	VAR	3	0-1	E	2-3		80 1025	
4	1630	26°18'N, 96°19'W	PT CLOUDY	8	VAR	3	0	NE	2-3		83 1025	
4	2000	26°18'N, 96°24'W	PT CLOUDY	8	NE	8	0	E	2-3		85 1020	
5	0000	26°18'N, 96°24'W	PT CLOUDY	6	ESE	11	-	E 1/4	3-3		81 1021	
5	0400	26°19'N, 96°30'W	PT CLOUDY	8	SE	9	2-1	SE	2		82 1024	
5	0830	26°19'N, 96°28'W	CLEAR	8	SE	10	1-2	SE	1-2		80 1023	
5	1200	26°18'N, 96°30'W	PT CLOUDY	6	ESE	5	-	E	2-3		81 1025	
5	1630	26°18'N, 96°24'N	PT CLOUDY	6	NE	4	0	E	2-3		81 1025	
5	2000	26°18'N, 96°28'W	PT CLOUDY	8	SE	8	0	E	2		82 1022	
6	0000	26°18'N, 96°25'W	PT CLOUDY	6	ESE	13	-	E 1/4	2-1		82 1024	
6	0430	26°20'N, 96°35'W	PT CLOUDY	6	ESE	13	0	E 1/4	2		81 1026	
6	0830	26°25'N, 96°19'W	PT CLOUDY	8	ESE	11	0	E 1/4	2		81 1026	
6	1230	26°18'N, 96°20'W	PT CLOUDY	8	ESE	9	0	E 1/4	2		82 1025	
6	1630	26°18'N, 96°28'W	PT CLOUDY	6	ESE	6	0	E	2-3		84 1025	
6	2000	26°18'N, 96°33'W	PT CLOUDY	6	ESE	11	0	E	2+		85 1022	
7	0000	26°18'N, 96°32'W	PT CLOUDY	6	E	12	0	E 1/4	2+		82 1021	
7	0430	26°18'N, 96°27'W	PT CLOUDY	6	ESE	10	1	E 1/4	2		82 1024	
7	0830	26°21'N, 96°18'W	PT CLOUDY	6	ESE	14	0-1	E 1/4	2		81 1023	
7	1230	26°18'N, 96°20'W	PT CLOUDY	8	ESE	11	-	ESE	2+		81 1020	
7	1630	26°18'N, 96°24'W	PT CLOUDY	6	SE	10	1	ESE	2		82 1025	
7	2000	26°18'N, 96°29'W	PT CLOUDY	6	SE	9	1	ESE	2		85 1017	
8	0000	26°18'N, 96°23'W	PT CLOUDY	6	ESE	12	-	E 1/4	2-3		82 1018	
8	0430	26°19'N, 96°18'W	PT CLOUDY	6	SE	17	1	E 1/4	2-3		81 1020	
8	0830	26°20'N, 96°24'W	PT CLOUDY	8	SE	15	1	ESE	2		82 1017	
8	1230	26°18'N, 96°20'W	PT CLOUDY	8	ESE	10	-	ESE	2		82 1017	
8	1630	26°20'N, 96°20'W	PT CLOUDY	6	ESE	9	1	E 1/4	2		83 1016	
8	2000	26°33'N, 96°12'W	PT CLOUDY	6	SE	9	1	E 1/4	2-3		83 1014	
9	0000	26°18'N, 96°30'W	PT CLOUDY	6	E	14	1	NE 1/4	3		82 1016	
9	0430	27°45'N, 95°30'W	PT CLOUDY	6	E	13	1	NE	2-3		82 1022	
9	0830	28°21'N, 95°09'W	PT CLOUDY	8	E	12	1	NE	2-3		82 1011	
9	1230	28°58'N, 94°50'W	PT CLOUDY	7	S	10	-	S 1/4	2-3		81 1017	

CTD and XBT DATA

Temperature and salinity were profiled on cruises 93G-09, 93G-10, and 93G-11 with a self-contained Seabird SBE-19 "Seacat" CTD. To supplement these CTD casts, 2 T-7 XBTs were dropped south and east of the Mississippi River delta on cruise 93G-09 and 22 T-4 XBTs + 18 T-10 XBTs were dropped east of Port Isabel, TX, on cruise 93G-11.

The following pages present tables of downcast CTD data which have been one meter averaged and tables of raw XBT data. The T-7 XBT data in these tables are not corrected for a 5% drop rate error that is inherent in the manufacturer's software that computes depth from elapsed time for T-7 XBTs (Singer, 1990; Biggs, 1992), but this depth correction was applied before computing the dynamic height relative to 800 m for XBT01.93G09 and for XBT02.93G09.

CTD and XBT Data: Gyre cruise 93G-09



Cruise: 93G09
 Date: Sat Aug 07 1993, Julian day = 218
 Time: 16:09:59 GMT
 Lat: 28 45.327 N
 Lon: 88 54.028 W
 Stn: XBT 1
 Probe type: T-7

Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
0.65	30.41	32.95	22.53	65.15	20.03	97.23	18.03
1.29	30.42	33.60	22.45	65.79	20.01	97.88	18.01
1.94	30.45	34.24	22.33	66.43	20.00	98.52	18.00
2.59	30.47	34.89	22.19	67.08	19.96	99.16	17.98
3.24	30.46	35.53	22.13	67.72	19.92	99.80	17.96
3.88	30.46	36.18	22.09	68.36	19.83	100.44	17.93
4.53	30.46	36.82	22.05	69.00	19.74	101.08	17.92
5.18	30.45	37.46	22.11	69.65	19.68	101.72	17.89
5.82	30.45	38.11	22.26	70.29	19.66	102.36	17.87
6.47	30.46	38.75	22.36	70.93	19.65	103.00	17.85
7.12	30.45	39.40	22.26	71.57	19.63	103.64	17.83
7.76	30.49	40.04	22.19	72.22	19.61	104.28	17.80
8.41	30.55	40.69	22.11	72.86	19.57	104.92	17.78
9.06	30.69	41.33	21.94	73.50	19.56	105.56	17.74
9.70	30.79	41.98	21.76	74.14	19.52	106.20	17.70
10.35	30.76	42.62	21.63	74.78	19.47	106.84	17.67
11.00	30.66	43.27	21.56	75.43	19.44	107.48	17.65
11.64	30.53	43.91	21.48	76.07	19.29	108.12	17.57
12.29	30.38	44.55	21.41	76.71	19.17	108.76	17.48
12.94	30.20	45.20	21.38	77.35	19.12	109.40	17.45
13.58	29.98	45.84	21.35	77.99	19.12	110.04	17.42
14.23	29.65	46.49	21.37	78.64	19.08	110.68	17.34
14.87	29.32	47.13	21.38	79.28	19.02	111.32	17.29
15.52	28.68	47.77	21.39	79.92	18.96	111.96	17.23
16.17	28.29	48.42	21.38	80.56	18.90	112.60	17.21
16.81	28.06	49.06	21.38	81.20	18.88	113.24	17.19
17.46	27.78	49.71	21.36	81.85	18.86	113.88	17.18
18.10	27.80	50.35	21.32	82.49	18.86	114.52	17.17
18.75	28.12	50.99	21.25	83.13	18.85	115.16	17.15
19.40	28.12	51.64	21.20	83.77	18.85	115.80	17.13
20.04	27.95	52.28	21.14	84.41	18.84	116.44	17.12
20.69	27.79	52.93	21.04	85.05	18.82	117.07	17.09
21.33	27.60	53.57	20.95	85.70	18.68	117.71	16.94
21.98	27.28	54.21	20.92	86.34	18.60	118.35	16.91
22.63	26.95	54.86	20.91	86.98	18.54	118.99	16.89
23.27	26.55	55.50	20.91	87.62	18.48	119.63	16.88
23.92	26.08	56.14	20.90	88.26	18.41	120.27	16.85
24.56	25.84	56.79	20.83	88.90	18.36	120.91	16.81
25.21	25.47	57.43	20.77	89.54	18.32	121.55	16.77
25.85	25.05	58.07	20.70	90.18	18.26	122.19	16.75
26.50	24.89	58.72	20.66	90.83	18.20	122.83	16.74
27.14	24.58	59.36	20.59	91.47	18.16	123.47	16.71
27.79	24.20	60.00	20.56	92.11	18.14	124.11	16.70
28.43	23.80	60.65	20.52	92.75	18.09	124.74	16.70
29.08	23.66	61.29	20.48	93.39	18.08	125.38	16.69
29.73	23.67	61.93	20.44	94.03	18.05	126.02	16.69
30.37	23.52	62.58	20.25	94.67	18.04	126.66	16.67
31.02	23.07	63.22	20.14	95.31	18.05	127.30	16.61
31.66	22.64	63.86	20.09	95.95	18.03	127.94	16.57
32.31	22.54	64.50	20.04	96.59	18.03	128.58	16.52
32.95	22.53	65.15	20.03	97.23	18.03	129.21	16.48

Mixed to 7m;
 assuming ML salinity
 = 25.26 PSU
 like that of CTD-1
 and spinning salinity +
 XBT-01 using T/S
 relationship from CTD-
 dyn height = 110.7 dy
 (ref = 800 m)

Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
129.85	16.46	164.90	14.82	199.82	13.87	234.61	13.09
130.49	16.44	165.54	14.82	200.46	13.86	235.24	13.06
131.13	16.40	166.18	14.82	201.09	13.86	235.88	13.02
131.77	16.33	166.81	14.82	201.72	13.87	236.51	12.98
132.41	16.28	167.45	14.82	202.36	13.86	237.14	12.95
133.04	16.23	168.08	14.82	202.99	13.86	237.77	12.94
133.68	16.21	168.72	14.80	203.63	13.85	238.40	12.92
134.32	16.19	169.36	14.78	204.26	13.84	239.03	12.91
134.96	16.13	169.99	14.77	204.89	13.84	239.66	12.89
135.60	16.11	170.63	14.77	205.53	13.84	240.29	12.87
136.24	16.10	171.26	14.75	206.16	13.81	240.92	12.83
136.87	16.09	171.90	14.75	206.79	13.79	241.56	12.82
137.51	16.06	172.53	14.73	207.43	13.78	242.19	12.80
138.15	16.04	173.17	14.73	208.06	13.76	242.82	12.79
138.79	16.00	173.80	14.72	208.69	13.75	243.45	12.78
139.43	15.95	174.44	14.67	209.32	13.75	244.08	12.76
140.06	15.91	175.08	14.62	209.96	13.74	244.71	12.76
140.70	15.87	175.71	14.57	210.59	13.72	245.34	12.75
141.34	15.83	176.35	14.52	211.22	13.71	245.97	12.73
141.98	15.81	176.98	14.49	211.86	13.69	246.60	12.73
142.61	15.78	177.62	14.46	212.49	13.68	247.23	12.72
143.25	15.76	178.25	14.44	213.12	13.66	247.86	12.70
143.89	15.74	178.89	14.43	213.76	13.63	248.49	12.70
144.53	15.72	179.52	14.41	214.39	13.63	249.12	12.69
145.16	15.70	180.16	14.40	215.02	13.62	249.75	12.68
145.80	15.69	180.79	14.37	215.65	13.61	250.38	12.69
146.44	15.65	181.43	14.35	216.29	13.59	251.01	12.67
147.08	15.63	182.06	14.35	216.92	13.55	251.64	12.66
147.71	15.61	182.70	14.34	217.55	13.51	252.27	12.63
148.35	15.58	183.33	14.33	218.18	13.48	252.90	12.63
148.99	15.56	183.97	14.31	218.82	13.47	253.53	12.62
149.62	15.54	184.60	14.29	219.45	13.46	254.16	12.62
150.26	15.50	185.24	14.27	220.08	13.44	254.79	12.59
150.90	15.46	185.87	14.25	220.71	13.45	255.42	12.57
151.54	15.44	186.51	14.24	221.35	13.40	256.05	12.56
152.17	15.41	187.14	14.23	221.98	13.39	256.68	12.56
152.81	15.39	187.78	14.22	222.61	13.36	257.31	12.55
153.45	15.36	188.41	14.21	223.24	13.34	257.94	12.54
154.08	15.34	189.04	14.20	223.87	13.33	258.57	12.55
154.72	15.31	189.68	14.18	224.51	13.32	259.20	12.54
155.36	15.27	190.31	14.16	225.14	13.31	259.83	12.53
155.99	15.21	190.95	14.15	225.77	13.31	260.46	12.53
156.63	15.14	191.58	14.11	226.40	13.30	261.09	12.52
157.27	15.12	192.22	14.09	227.03	13.28	261.72	12.50
157.90	15.09	192.85	14.09	227.67	13.26	262.35	12.49
158.54	15.08	193.48	14.06	228.30	13.25	262.98	12.47
159.18	15.04	194.12	14.05	228.93	13.24	263.61	12.44
159.81	15.02	194.75	14.02	229.56	13.23	264.24	12.43
160.45	15.01	195.39	14.00	230.19	13.22	264.87	12.42
161.09	15.00	196.02	13.98	230.82	13.22	265.50	12.41
161.72	14.96	196.65	13.96	231.46	13.22	266.13	12.42
162.36	14.92	197.29	13.91	232.09	13.21	266.76	12.39
163.00	14.90	197.92	13.90	232.72	13.21	267.38	12.38
163.63	14.86	198.56	13.87	233.35	13.20	268.01	12.38
164.27	14.83	199.19	13.86	233.98	13.15	268.64	12.38
164.90	14.82	199.82	13.87	234.61	13.09	269.27	12.37

Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
269.90	12.36	304.43	11.75	338.82	11.05	373.09	10.46
270.53	12.35	305.05	11.74	339.45	11.05	373.71	10.46
271.16	12.35	305.68	11.70	340.07	11.03	374.33	10.45
271.79	12.34	306.31	11.69	340.69	11.03	374.95	10.42
272.42	12.34	306.93	11.68	341.32	11.02	375.57	10.42
273.04	12.33	307.56	11.68	341.94	11.02	376.19	10.41
273.67	12.34	308.18	11.67	342.57	11.01	376.82	10.39
274.30	12.32	308.81	11.67	343.19	11.00	377.44	10.35
274.93	12.32	309.44	11.67	343.81	11.00	378.06	10.35
275.56	12.31	310.06	11.66	344.44	10.97	378.68	10.30
276.19	12.30	310.69	11.65	345.06	10.94	379.30	10.23
276.82	12.29	311.32	11.65	345.68	10.93	379.92	10.21
277.44	12.28	311.94	11.64	346.31	10.92	380.54	10.13
278.07	12.25	312.57	11.63	346.93	10.90	381.17	10.10
278.70	12.24	313.19	11.63	347.56	10.89	381.79	10.09
279.33	12.23	313.82	11.59	348.18	10.87	382.41	10.09
279.96	12.21	314.45	11.55	348.80	10.86	383.03	10.09
280.59	12.19	315.07	11.53	349.43	10.86	383.65	10.09
281.21	12.17	315.70	11.52	350.05	10.85	384.27	10.10
281.84	12.16	316.32	11.51	350.67	10.85	384.89	10.08
282.47	12.15	316.95	11.50	351.30	10.85	385.51	10.09
283.10	12.14	317.57	11.49	351.92	10.85	386.13	10.04
283.73	12.12	318.20	11.48	352.54	10.83	386.75	10.01
284.35	12.11	318.83	11.47	353.17	10.81	387.38	10.00
284.98	12.11	319.45	11.43	353.79	10.79	388.00	10.00
285.61	12.09	320.08	11.41	354.41	10.80	388.62	9.97
286.24	12.08	320.70	11.41	355.04	10.78	389.24	9.97
286.87	12.06	321.33	11.39	355.66	10.79	389.86	9.96
287.49	12.06	321.95	11.38	356.28	10.79	390.48	9.96
288.12	12.03	322.58	11.38	356.90	10.79	391.10	9.94
288.75	12.02	323.20	11.37	357.53	10.78	391.72	9.93
289.38	12.02	323.83	11.36	358.15	10.77	392.34	9.90
290.00	12.01	324.45	11.34	358.77	10.77	392.96	9.90
290.63	12.00	325.08	11.31	359.40	10.77	393.58	9.88
291.26	12.01	325.70	11.31	360.02	10.76	394.20	9.87
291.89	11.96	326.33	11.30	360.64	10.75	394.82	9.87
292.51	11.95	326.95	11.29	361.26	10.73	395.44	9.86
293.14	11.92	327.58	11.28	361.89	10.74	396.06	9.84
293.77	11.92	328.20	11.28	362.51	10.72	396.68	9.81
294.40	11.90	328.83	11.27	363.13	10.73	397.30	9.81
295.02	11.87	329.45	11.27	363.75	10.71	397.92	9.80
295.65	11.85	330.08	11.25	364.38	10.70	398.54	9.78
296.28	11.82	330.70	11.23	365.00	10.69	399.16	9.77
296.90	11.82	331.33	11.21	365.62	10.68	399.78	9.78
297.53	11.82	331.95	11.20	366.24	10.67	400.40	9.76
298.16	11.81	332.58	11.19	366.87	10.67	401.02	9.77
298.79	11.80	333.20	11.17	367.49	10.65	401.64	9.77
299.41	11.80	333.83	11.15	368.11	10.61	402.26	9.75
300.04	11.80	334.45	11.11	368.73	10.61	402.88	9.74
300.67	11.81	335.08	11.08	369.35	10.59	403.50	9.72
301.29	11.79	335.70	11.08	369.98	10.57	404.12	9.71
301.92	11.79	336.32	11.07	370.60	10.57	404.74	9.70
302.55	11.78	336.95	11.07	371.22	10.55	405.36	9.70
303.17	11.76	337.57	11.06	371.84	10.52	405.98	9.69
303.80	11.75	338.20	11.05	372.46	10.48	406.60	9.67
304.43	11.75	338.82	11.05	373.09	10.46	407.22	9.66

Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
407.84	9.66	441.84	9.25	475.71	8.62	509.45	8.11
408.46	9.65	442.46	9.24	476.32	8.61	510.06	8.12
409.08	9.66	443.07	9.24	476.94	8.62	510.67	8.10
409.70	9.66	443.69	9.23	477.55	8.60	511.28	8.08
410.32	9.65	444.31	9.22	478.17	8.60	511.90	8.08
410.93	9.66	444.92	9.19	478.78	8.59	512.51	8.09
411.55	9.66	445.54	9.18	479.40	8.58	513.12	8.08
412.17	9.65	446.16	9.16	480.01	8.57	513.73	8.08
412.79	9.63	446.77	9.13	480.62	8.56	514.34	8.08
413.41	9.63	447.39	9.13	481.24	8.56	514.96	8.07
414.03	9.61	448.01	9.10	481.85	8.54	515.57	8.06
414.65	9.62	448.62	9.09	482.47	8.55	516.18	8.02
415.27	9.61	449.24	9.07	483.08	8.54	516.79	8.02
415.89	9.60	449.86	9.04	483.70	8.52	517.40	8.02
416.51	9.59	450.47	9.03	484.31	8.52	518.02	8.02
417.12	9.57	451.09	9.02	484.92	8.48	518.63	8.00
417.74	9.56	451.71	9.02	485.54	8.44	519.24	7.97
418.36	9.57	452.32	9.01	486.15	8.41	519.85	7.95
418.98	9.58	452.94	8.99	486.77	8.40	520.46	7.93
419.60	9.58	453.55	8.97	487.38	8.39	521.07	7.93
420.22	9.56	454.17	8.97	487.99	8.40	521.68	7.91
420.84	9.56	454.79	8.96	488.61	8.37	522.30	7.91
421.45	9.55	455.40	8.96	489.22	8.38	522.91	7.90
422.07	9.55	456.02	8.95	489.83	8.38	523.52	7.89
422.69	9.54	456.63	8.93	490.45	8.37	524.13	7.89
423.31	9.53	457.25	8.92	491.06	8.37	524.74	7.88
423.93	9.53	457.87	8.91	491.67	8.37	525.35	7.87
424.55	9.51	458.48	8.91	492.29	8.37	525.96	7.87
425.16	9.50	459.10	8.90	492.90	8.36	526.57	7.87
425.78	9.51	459.71	8.90	493.51	8.33	527.19	7.87
426.40	9.49	460.33	8.89	494.13	8.31	527.80	7.85
427.02	9.49	460.95	8.87	494.74	8.30	528.41	7.85
427.64	9.47	461.56	8.86	495.35	8.28	529.02	7.83
428.25	9.45	462.18	8.85	495.97	8.25	529.63	7.82
428.87	9.44	462.79	8.83	496.58	8.23	530.24	7.81
429.49	9.43	463.41	8.83	497.19	8.22	530.85	7.81
430.11	9.44	464.02	8.83	497.81	8.22	531.46	7.81
430.73	9.43	464.64	8.84	498.42	8.20	532.07	7.81
431.34	9.41	465.25	8.82	499.03	8.20	532.68	7.80
431.96	9.41	465.87	8.82	499.65	8.19	533.29	7.80
432.58	9.40	466.48	8.82	500.26	8.19	533.90	7.80
433.20	9.38	467.10	8.80	500.87	8.15	534.51	7.79
433.81	9.37	467.72	8.78	501.49	8.15	535.12	7.78
434.43	9.36	468.33	8.77	502.10	8.15	535.73	7.79
435.05	9.35	468.95	8.75	502.71	8.14	536.35	7.78
435.67	9.33	469.56	8.74	503.32	8.13	536.96	7.78
436.28	9.32	470.18	8.69	503.94	8.14	537.57	7.77
436.90	9.32	470.79	8.67	504.55	8.14	538.18	7.77
437.52	9.28	471.41	8.66	505.16	8.14	538.79	7.77
438.14	9.27	472.02	8.65	505.77	8.12	539.40	7.77
438.75	9.27	472.64	8.65	506.39	8.13	540.01	7.77
439.37	9.27	473.25	8.64	507.00	8.13	540.62	7.78
439.99	9.26	473.86	8.63	507.61	8.14	541.23	7.75
440.60	9.25	474.48	8.62	508.22	8.13	541.84	7.76
441.22	9.25	475.09	8.62	508.84	8.12	542.45	7.76
441.84	9.25	475.71	8.62	509.45	8.11	543.06	7.75

Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
543.67	7.73	577.14	7.25	610.49	6.87	643.70	6.50
544.28	7.71	577.75	7.25	611.09	6.88	644.30	6.50
544.89	7.70	578.36	7.26	611.70	6.87	644.91	6.49
545.50	7.68	578.96	7.24	612.30	6.88	645.51	6.47
546.11	7.67	579.57	7.24	612.91	6.87	646.11	6.46
546.71	7.66	580.18	7.20	613.51	6.87	646.71	6.44
547.32	7.66	580.79	7.19	614.12	6.86	647.32	6.42
547.93	7.65	581.39	7.19	614.72	6.86	647.92	6.42
548.54	7.66	582.00	7.20	615.33	6.85	648.52	6.40
549.15	7.63	582.61	7.18	615.93	6.85	649.12	6.37
549.76	7.62	583.21	7.19	616.54	6.85	649.73	6.40
550.37	7.62	583.82	7.17	617.14	6.85	650.33	6.38
550.98	7.62	584.43	7.14	617.74	6.85	650.93	6.37
551.59	7.61	585.04	7.12	618.35	6.84	651.53	6.37
552.20	7.61	585.64	7.12	618.95	6.84	652.13	6.36
552.81	7.61	586.25	7.11	619.56	6.83	652.74	6.36
553.42	7.59	586.86	7.10	620.16	6.83	653.34	6.37
554.03	7.59	587.46	7.09	620.77	6.82	653.94	6.36
554.64	7.60	588.07	7.10	621.37	6.81	654.54	6.36
555.25	7.58	588.68	7.08	621.98	6.82	655.14	6.36
555.85	7.58	589.28	7.07	622.58	6.80	655.75	6.34
556.46	7.59	589.89	7.05	623.18	6.80	656.35	6.31
557.07	7.57	590.50	7.04	623.79	6.80	656.95	6.29
557.68	7.57	591.10	7.03	624.39	6.78	657.55	6.27
558.29	7.57	591.71	7.03	625.00	6.76	658.15	6.26
558.90	7.55	592.31	7.03	625.60	6.75	658.75	6.26
559.51	7.54	592.92	7.03	626.20	6.74	659.36	6.23
560.12	7.52	593.53	7.02	626.81	6.73	659.96	6.22
560.72	7.53	594.13	7.00	627.41	6.72	660.56	6.20
561.33	7.52	594.74	6.99	628.02	6.72	661.16	6.19
561.94	7.50	595.35	6.99	628.62	6.71	661.76	6.17
562.55	7.49	595.95	6.98	629.22	6.70	662.36	6.16
563.16	7.49	596.56	6.98	629.83	6.70	662.96	6.15
563.77	7.50	597.16	6.98	630.43	6.69	663.57	6.15
564.38	7.49	597.77	6.99	631.03	6.70	664.17	6.16
564.98	7.48	598.38	6.99	631.64	6.69	664.77	6.14
565.59	7.48	598.98	6.99	632.24	6.68	665.37	6.14
566.20	7.47	599.59	6.98	632.84	6.68	665.97	6.13
566.81	7.46	600.19	6.98	633.45	6.67	666.57	6.12
567.42	7.46	600.80	6.98	634.05	6.65	667.17	6.12
568.03	7.45	601.41	6.99	634.66	6.65	667.77	6.11
568.63	7.45	602.01	6.97	635.26	6.65	668.38	6.09
569.24	7.41	602.62	6.97	635.86	6.65	668.98	6.08
569.85	7.39	603.22	6.97	636.47	6.63	669.58	6.07
570.46	7.39	603.83	6.97	637.07	6.60	670.18	6.08
571.07	7.38	604.43	6.95	637.67	6.59	670.78	6.07
571.67	7.36	605.04	6.93	638.27	6.57	671.38	6.06
572.28	7.34	605.64	6.94	638.88	6.56	671.98	6.06
572.89	7.33	606.25	6.92	639.48	6.56	672.58	6.06
573.50	7.32	606.86	6.91	640.08	6.56	673.18	6.06
574.10	7.30	607.46	6.92	640.69	6.55	673.78	6.06
574.71	7.29	608.07	6.89	641.29	6.54	674.38	6.05
575.32	7.28	608.67	6.90	641.89	6.54	674.98	6.04
575.93	7.26	609.28	6.89	642.50	6.52	675.58	6.05
576.53	7.27	609.88	6.88	643.10	6.51	676.18	6.04
577.14	7.25	610.49	6.87	643.70	6.50	676.78	6.03

Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
677.38	6.03	710.33	5.86	743.15	5.94		
677.98	6.02	710.93	5.85	743.75	5.95		
678.58	6.01	711.53	5.85	744.35	5.94		
679.18	6.00	712.13	5.85	744.94	5.94		
679.79	6.00	712.73	5.85	745.54	5.94		
680.39	6.00	713.32	5.83	746.13	5.94		
680.99	6.00	713.92	5.82	746.73	5.94		
681.59	5.99	714.52	5.81	747.32	5.94		
682.19	5.99	715.12	5.80	747.92	5.94		
682.79	5.99	715.71	5.81	748.51	5.94		
683.38	5.96	716.31	5.80	749.11	5.94		
683.98	5.96	716.91	5.80	749.70	5.94		
684.58	5.95	717.51	5.87	750.30	5.95		
685.18	5.95	718.10	5.89	750.89	5.94		
685.78	5.94	718.70	5.92	751.49	5.94		
686.38	5.94	719.30	5.91	752.08	5.94		
686.98	5.94	719.90	5.91	752.68	5.94		
687.58	5.94	720.49	5.92	753.27	5.94		
688.18	5.93	721.09	5.92	753.87	5.94		
688.78	5.93	721.69	5.93	754.46	5.94		
689.38	5.93	722.28	5.93	755.06	5.94		
689.98	5.95	722.88	5.94	755.65	5.95		
690.58	5.94	723.48	5.94	756.25	5.94		
691.18	5.94	724.08	5.95	756.84	5.94		
691.78	5.94	724.67	5.94	757.43	5.95		
692.38	5.94	725.27	5.94	758.03	5.94		
692.98	5.94	725.87	5.94	758.62	5.94		
693.58	5.94	726.46	5.93	759.22	5.94		
694.18	5.95	727.06	5.94	759.81	5.94		
694.77	5.93	727.66	5.94	760.41	-2.20		
695.37	5.93	728.25	5.93				
695.97	5.93	728.85	5.95				
696.57	5.92	729.45	5.93				
697.17	5.92	730.04	5.94				
697.77	5.91	730.64	5.94				
698.37	5.90	731.23	5.95				
698.97	5.90	731.83	5.94				
699.57	5.90	732.43	5.94				
700.16	5.90	733.02	5.94				
700.76	5.90	733.62	5.94				
701.36	5.90	734.22	5.95				
701.96	5.89	734.81	5.94				
702.56	5.90	735.41	5.93				
703.16	5.89	736.00	5.95				
703.76	5.89	736.60	5.94				
704.35	5.89	737.20	5.93				
704.95	5.88	737.79	5.94				
705.55	5.87	738.39	5.94				
706.15	5.88	738.98	5.94				
706.75	5.86	739.58	5.94				
707.34	5.86	740.18	5.94				
707.94	5.86	740.77	5.95				
708.54	5.86	741.37	5.94				
709.14	5.86	741.96	5.94				
709.74	5.86	742.56	5.94				
710.33	5.86	743.15	5.94				

*probe hit bottom
about 717 m*

Cruise: 93G09
 Date: Sun Aug 08 1993, Julian day = 219
 Time: 03:44:43 GMT
 Lat: 28 42.430 N
 Lon: 88 33.673 W
 Stn: 1

DepS	T0	Sal00	Sigma-000
3.000	30.7719	25.2577	14.1872
4.000	30.7749	25.2635	14.1906
5.000	30.7754	25.2653	14.1919
6.000	30.7760	25.2632	14.1901
7.000	30.8010	26.0632	14.7780
8.000	30.8019	28.8221	16.8352
9.000	30.2355	30.9970	18.6521
10.000	29.7482	33.4766	20.6725
11.000	29.6118	33.2146	20.5229
12.000	29.4321	33.5607	20.8427
13.000	29.1884	33.9391	21.2083
14.000	29.0295	34.1337	21.4074
15.000	28.8849	34.2209	21.5211
16.000	28.7669	34.3281	21.6408
17.000	28.6198	34.3540	21.7091
18.000	28.7064	34.6153	21.8767
19.000	28.7318	34.8734	22.0622
20.000	28.4940	35.0157	22.2480
21.000	28.5317	35.0166	22.2362
22.000	28.5322	35.0871	22.2890
23.000	28.5459	35.1561	22.3365
24.000	28.5607	35.2264	22.3845
25.000	28.5961	35.2425	22.3849
27.000	28.6662	35.3169	22.4177
28.000	28.7026	35.3862	22.4579
29.000	28.6134	35.3525	22.4621
31.000	28.3132	35.4714	22.6510
32.000	28.1961	35.6001	22.7863
33.000	28.0938	35.6039	22.8229
34.000	28.0187	35.6502	22.8824
35.000	27.9329	35.7912	23.0167
36.000	27.7936	35.9807	23.2047
37.000	27.0999	35.9393	23.3978
38.000	26.5830	35.9750	23.5897
39.000	25.6752	35.9324	23.8420
40.000	25.2286	36.1753	24.1642
41.000	25.0905	35.9787	24.0580
42.000	24.7548	36.1865	24.3175
43.000	24.2315	36.3100	24.5690
44.000	24.0102	36.0558	24.4426
45.000	23.7466	36.3372	24.7339
46.000	23.6598	36.2569	24.6987
47.000	23.5785	36.3426	24.7878
48.000	23.4720	36.2418	24.7426
49.000	23.3173	36.1433	24.7133
50.000	23.1371	36.2059	24.8133
52.000	23.0208	36.2842	24.9067
53.000	22.9001	36.3424	24.9858
54.000	22.7967	36.2319	24.9318
55.000	22.7127	36.3407	25.0387
56.000	22.6691	36.4226	25.1135
57.000	22.5975	36.3082	25.0471
58.000	22.4610	36.2538	25.0450
59.000	22.4197	36.2982	25.0905
60.000	22.4056	36.3098	25.1034
61.000	22.3319	36.2870	25.1071
62.000	22.2650	36.2599	25.1056
63.000	22.2027	36.2635	25.1260
64.000	22.1286	36.2793	25.1591
65.000	22.0520	36.2518	25.1598
66.000	21.9357	36.3309	25.2528
67.000	21.7585	36.2078	25.2089
68.000	21.5353	36.3088	25.3481
69.000	21.5157	36.3298	25.3696
70.000	21.3446	36.2489	25.3553
71.000	21.1849	36.3366	25.4663
72.000	21.0496	36.3033	25.4781

73.000	20.9018	36.2881	25.5069
74.000	20.8338	36.3368	25.5627
75.000	20.7295	36.3171	25.5761
76.000	20.6709	36.2937	25.5742
77.000	20.6030	36.4295	25.6961
78.000	20.5827	36.3055	25.6071
79.000	20.5652	36.3022	25.6094
80.000	20.5310	36.3258	25.6366
81.000	20.4998	36.3509	25.6643
82.000	20.4769	36.3918	25.7017
83.000	20.4647	36.3447	25.6691
84.000	20.4304	36.3073	25.6499
85.000	20.3451	36.3390	25.6970
86.000	20.2664	36.4703	25.8184
87.000	20.1804	36.3677	25.7631
88.000	20.0809	36.3681	25.7899
89.000	19.9434	36.4441	25.8845
90.000	19.8437	36.4308	25.9007
91.000	19.8181	36.4224	25.9011
92.000	19.8019	36.4439	25.9219
93.000	19.6974	36.3450	25.8739
95.000	19.6123	36.3937	25.9336
96.000	19.4768	36.4554	26.0162
97.000	19.3374	36.4346	26.0366
98.000	19.2054	36.4213	26.0607
99.000	19.0892	36.4141	26.0853
100.000	19.0266	36.4642	26.1399
101.000	18.9992	36.4274	26.1187
102.000	18.9947	36.4461	26.1343
103.000	18.7311	36.4716	26.2213
104.000	18.6007	36.4880	26.2670
105.000	18.5561	36.4605	26.2573
106.000	18.5324	36.4609	26.2637
107.000	18.5236	36.5055	26.3001
108.000	18.5163	36.4763	26.2796
109.000	18.4675	36.4699	26.2871
111.000	18.3631	36.4069	26.2653
112.000	18.2323	36.4598	26.3387
113.000	18.1914	36.4569	26.3467
114.000	18.1877	36.4472	26.3402
115.000	18.1912	36.4420	26.3354
116.000	18.1799	36.4407	26.3373
117.000	18.1535	36.4596	26.3584
118.000	18.0810	36.3899	26.3232
119.000	18.0422	36.4194	26.3554
120.000	18.0095	36.4502	26.3872
121.000	17.7519	36.3614	26.3829
122.000	17.6226	36.3954	26.4408
123.000	17.5555	36.3784	26.4442
124.000	17.4809	36.3322	26.4270
125.000	17.3678	36.3757	26.4879
126.000	17.3376	36.3098	26.4447
127.000	17.2972	36.2946	26.4428
128.000	17.1951	36.2895	26.4638
129.000	17.0652	36.3058	26.5075
130.000	16.9586	36.2855	26.5175
131.000	16.8609	36.2850	26.5405
132.000	16.7706	36.2021	26.4983
133.000	16.6936	36.2600	26.5611
134.000	16.6589	36.2543	26.5649
135.000	16.6210	36.2002	26.5323
136.000	16.6071	36.2026	26.5376
137.000	16.5773	36.2197	26.5577
138.000	16.5511	36.2229	26.5664
139.000	16.5357	36.2372	26.5811
140.000	16.5293	36.2354	26.5812
141.000	16.5155	36.2079	26.5634
142.000	16.4626	36.2002	26.5699
143.000	16.4515	36.2197	26.5876
144.000	16.4510	36.1940	26.5680
145.000	16.4509	36.1975	26.5706
146.000	16.4412	36.1926	26.5692
147.000	16.4381	36.1925	26.5699
148.000	16.4081	36.1776	26.5655
149.000	16.3641	36.1734	26.5726

Mixed to 6m

*dyn height =
 117.0 dyn c
 Cref = 800 m*

150.000	16.3300	36.1769	26.5833	227.000	13.8798	35.7849	26.8271
151.000	16.2977	36.1928	26.6030	228.000	13.8512	35.8020	26.8463
152.000	16.2836	36.1791	26.5959	229.000	13.8451	35.7849	26.8344
153.000	16.1818	36.1780	26.6188	230.000	13.8392	35.7756	26.8285
154.000	16.0760	36.1467	26.6191	231.000	13.8367	35.7725	26.8266
155.000	16.0210	36.1699	26.6497	232.000	13.8292	35.7638	26.8215
156.000	15.9868	36.1427	26.6367	233.000	13.7942	35.7552	26.8222
157.000	15.9785	36.1271	26.6267	234.000	13.7401	35.7778	26.8510
158.000	15.9625	36.1496	26.6477	235.000	13.6808	35.7291	26.8257
159.000	15.9248	36.1155	26.6302	236.000	13.6359	35.7030	26.8149
160.000	15.8995	36.1304	26.6474	237.000	13.6086	35.7355	26.8458
161.000	15.7959	36.0705	26.6251	238.000	13.5887	35.7456	26.8577
162.000	15.7770	36.1207	26.6681	239.000	13.5460	35.7279	26.8529
163.000	15.7652	36.1150	26.6664	240.000	13.5106	35.7248	26.8579
164.000	15.7345	36.0914	26.6553	241.000	13.4854	35.7162	26.8564
165.000	15.6987	36.0885	26.6612	242.000	13.4683	35.7034	26.8500
166.000	15.6776	36.0919	26.6687	243.000	13.4459	35.7054	26.8563
167.000	15.6643	36.0966	26.6754	244.000	13.4195	35.7313	26.8817
168.000	15.6456	36.1031	26.6847	245.000	13.4078	35.6993	26.8594
169.000	15.6124	36.0663	26.6639	246.000	13.3745	35.7030	26.8692
170.000	15.5645	36.0537	26.6650	247.000	13.3684	35.7050	26.8720
171.000	15.5425	36.0865	26.6953	248.000	13.3512	35.7123	26.8812
172.000	15.5195	36.0573	26.6781	249.000	13.3374	35.7040	26.8776
173.000	15.4994	36.0442	26.6726	250.000	13.3257	35.6793	26.8609
174.000	15.4822	36.0719	26.6978	251.000	13.3140	35.6680	26.8546
175.000	15.4609	36.0526	26.6878	252.000	13.2913	35.6619	26.8545
176.000	15.4434	36.0467	26.6872	253.000	13.2670	35.6713	26.8668
177.000	15.3973	36.0555	26.7045	254.000	13.2449	35.6902	26.8860
178.000	15.3227	36.0215	26.6950	255.000	13.2126	35.6575	26.8673
179.000	15.2772	36.0326	26.7137	256.000	13.1877	35.6411	26.8597
180.000	15.2563	36.0154	26.7052	257.000	13.1679	35.6463	26.8677
181.000	15.2337	35.9955	26.6949	258.000	13.1496	35.6610	26.8828
182.000	15.1991	35.9795	26.6903	259.000	13.1403	35.6861	26.9042
183.000	15.1687	36.0141	26.7238	260.000	13.1414	35.6672	26.8894
184.000	15.1510	35.9760	26.6984	261.000	13.1220	35.5768	26.8233
185.000	15.1310	35.9462	26.6798	262.000	13.0515	35.5985	26.8543
186.000	15.0454	35.9348	26.6901	263.000	13.0040	35.6537	26.9068
188.000	14.9531	35.9691	26.7370	264.000	12.9465	35.6291	26.8994
189.000	14.9062	35.9315	26.7184	265.000	12.9054	35.6126	26.8948
190.000	14.8677	35.9238	26.7209	266.000	12.8849	35.6201	26.9048
191.000	14.8432	35.9369	26.7365	267.000	12.8753	35.6255	26.9109
192.000	14.8214	35.9716	26.7680	268.000	12.8567	35.6477	26.9319
193.000	14.7602	35.9042	26.7294	269.000	12.8173	35.6090	26.9098
195.000	14.7196	35.8844	26.7231	270.000	12.7717	35.5974	26.9098
196.000	14.6665	35.8831	26.7337	271.000	12.7659	35.6192	26.9279
197.000	14.6677	35.8719	26.7248	272.000	12.7466	35.6049	26.9208
198.000	14.6295	35.9142	26.7658	273.000	12.7161	35.6077	26.9290
199.000	14.5988	35.8790	26.7453	274.000	12.6863	35.5942	26.9244
200.000	14.5573	35.8599	26.7396	275.000	12.6516	35.5881	26.9266
201.000	14.5115	35.8941	26.7760	276.000	12.6222	35.6111	26.9504
202.000	14.4993	35.9074	26.7890	278.000	12.5877	35.5729	26.9275
203.000	14.4917	35.8210	26.7238	279.000	12.5456	35.5676	26.9318
204.000	14.4417	35.8502	26.7572	280.000	12.5341	35.5801	26.9438
205.000	14.4268	35.8571	26.7658	281.000	12.5201	35.5775	26.9446
206.000	14.4106	35.8828	26.7892	282.000	12.5018	35.5601	26.9347
207.000	14.4027	35.8896	26.7962	283.000	12.4642	35.5442	26.9297
208.000	14.3938	35.8677	26.7813	284.000	12.4314	35.5520	26.9423
209.000	14.3865	35.8544	26.7725	285.000	12.4043	35.5490	26.9453
210.000	14.3617	35.8542	26.7778	287.000	12.3555	35.5302	26.9402
211.000	14.3374	35.8647	26.7911	288.000	12.2909	35.5408	26.9611
212.000	14.3252	35.8864	26.8105	289.000	12.2692	35.5353	26.9610
213.000	14.3091	35.8447	26.7817	290.000	12.2494	35.5271	26.9586
214.000	14.2857	35.8253	26.7717	291.000	12.2202	35.5216	26.9600
215.000	14.2199	35.8189	26.7809	292.000	12.1804	35.5281	26.9727
216.000	14.1474	35.8458	26.8172	293.000	12.1322	35.5083	26.9666
217.000	14.1098	35.8180	26.8037	294.000	12.0982	35.4862	26.9562
218.000	14.0355	35.8062	26.8105	295.000	12.0743	35.4779	26.9542
219.000	14.0191	35.8189	26.8237	296.000	12.0301	35.5177	26.9937
220.000	14.0071	35.8345	26.8385	297.000	12.0219	35.4859	26.9705
221.000	14.0003	35.8249	26.8324	298.000	12.0080	35.4784	26.9674
222.000	13.9922	35.8040	26.8179	299.000	11.9820	35.4907	26.9820
223.000	13.9682	35.7790	26.8037	300.000	11.9218	35.4886	26.9919
224.000	13.9301	35.7729	26.8072	301.000	11.8941	35.4630	26.9773
225.000	13.9057	35.7795	26.8174	302.000	11.8059	35.4341	26.9716
226.000	13.8911	35.7799	26.8208	303.000	11.7568	35.4722	27.0106

304.000	11.7347	35.4570	27.0030	386.000	10.1017	35.1935	27.0940
306.000	11.6958	35.4458	27.0017	387.000	10.0729	35.2099	27.1117
308.000	11.6825	35.4385	26.9985	388.000	10.0566	35.1989	27.1060
309.000	11.6620	35.4251	26.9919	389.000	10.0471	35.1904	27.1010
310.000	11.6319	35.4302	27.0015	390.000	10.0385	35.1967	27.1074
311.000	11.5855	35.4659	27.0381	391.000	10.0300	35.2103	27.1195
312.000	11.5613	35.4320	27.0163	392.000	10.0196	35.1903	27.1057
314.000	11.5146	35.4271	27.0213	393.000	10.0100	35.1892	27.1064
315.000	11.5053	35.4314	27.0263	394.000	10.0063	35.1880	27.1062
316.000	11.4803	35.4070	27.0120	395.000	9.9918	35.1782	27.1010
318.000	11.4567	35.4025	27.0130	396.000	9.9676	35.1767	27.1040
319.000	11.4434	35.4539	27.0555	397.000	9.9433	35.1850	27.1146
320.000	11.4485	35.4197	27.0280	398.000	9.9259	35.1918	27.1229
321.000	11.4249	35.3705	26.9940	399.000	9.9187	35.1867	27.1202
322.000	11.4021	35.3814	27.0068	400.000	9.9154	35.1704	27.1081
323.000	11.3874	35.4057	27.0285	401.000	9.8924	35.1566	27.1012
324.000	11.3756	35.3806	27.0111	402.000	9.8543	35.1582	27.1089
325.000	11.2933	35.3212	26.9800	403.000	9.8360	35.1732	27.1237
326.000	11.2405	35.3653	27.0241	404.000	9.8219	35.1931	27.1417
327.000	11.2219	35.3657	27.0280	405.000	9.8062	35.1619	27.1200
328.000	11.2085	35.3780	27.0400	406.000	9.7881	35.1402	27.1060
329.000	11.1954	35.3925	27.0536	407.000	9.7608	35.1454	27.1147
330.000	11.1532	35.3500	27.0284	408.000	9.7438	35.1763	27.1418
331.000	11.1282	35.3599	27.0407	409.000	9.7243	35.1395	27.1163
332.000	11.1223	35.3558	27.0386	410.000	9.6966	35.1193	27.1052
333.000	11.1159	35.3468	27.0327	411.000	9.6355	35.1657	27.1517
334.000	11.1040	35.3309	27.0226	412.000	9.6106	35.1648	27.1551
335.000	11.0821	35.3446	27.0372	413.000	9.5845	35.1316	27.1336
337.000	11.0723	35.3608	27.0517	414.000	9.5534	35.1241	27.1329
338.000	11.0607	35.3518	27.0468	415.000	9.5291	35.1424	27.1513
339.000	11.0460	35.3447	27.0439	416.000	9.5117	35.1336	27.1472
340.000	11.0377	35.3462	27.0467	417.000	9.4641	35.1082	27.1353
341.000	11.0360	35.3284	27.0332	418.000	9.4242	35.1155	27.1475
342.000	10.9910	35.3151	27.0310	419.000	9.4080	35.1351	27.1656
343.000	10.9504	35.3332	27.0524	420.000	9.3933	35.1159	27.1530
344.000	10.9481	35.3359	27.0549	422.000	9.3824	35.1095	27.1498
345.000	10.9463	35.3368	27.0560	423.000	9.3824	35.1126	27.1523
346.000	10.9392	35.3354	27.0562	424.000	9.3841	35.1172	27.1556
347.000	10.9299	35.3078	27.0364	425.000	9.3812	35.1148	27.1543
348.000	10.8875	35.3040	27.0412	426.000	9.3677	35.0951	27.1410
349.000	10.8529	35.3178	27.0581	427.000	9.3432	35.0889	27.1402
350.000	10.8436	35.3231	27.0639	428.000	9.3140	35.1000	27.1537
351.000	10.8332	35.3119	27.0571	429.000	9.2637	35.0860	27.1510
352.000	10.8087	35.2822	27.0384	430.000	9.2141	35.0854	27.1586
353.000	10.7533	35.2919	27.0559	431.000	9.1971	35.0892	27.1644
354.000	10.7269	35.3074	27.0727	432.000	9.1928	35.0905	27.1661
355.000	10.6960	35.2948	27.0684	433.000	9.1802	35.0934	27.1704
356.000	10.6706	35.2916	27.0705	434.000	9.1641	35.0842	27.1658
357.000	10.6538	35.2931	27.0746	435.000	9.1519	35.0696	27.1565
358.000	10.6412	35.2926	27.0765	436.000	9.1426	35.0639	27.1534
359.000	10.6001	35.2604	27.0586	437.000	9.1381	35.0914	27.1757
360.000	10.5399	35.2831	27.0871	438.000	9.1274	35.0803	27.1688
361.000	10.5292	35.3220	27.1193	439.000	9.1194	35.0669	27.1596
362.000	10.5291	35.2701	27.0789	440.000	9.1094	35.0573	27.1537
363.000	10.5191	35.2679	27.0789	441.000	9.0966	35.0656	27.1624
364.000	10.5114	35.2729	27.0842	442.000	9.0775	35.0997	27.1921
365.000	10.5027	35.2811	27.0922	443.000	9.0533	35.0909	27.1892
366.000	10.4926	35.2749	27.0891	444.000	9.0397	35.0543	27.1626
367.000	10.4829	35.2586	27.0781	445.000	9.0169	35.0683	27.1773
368.000	10.4631	35.2409	27.0678	446.000	9.0073	35.0680	27.1786
369.000	10.4509	35.2404	27.0696	447.000	9.0027	35.0656	27.1775
370.000	10.4357	35.2452	27.0760	448.000	8.9992	35.0663	27.1786
371.000	10.3951	35.2585	27.0936	449.000	8.9964	35.0648	27.1779
372.000	10.3677	35.2218	27.0697	450.000	8.9933	35.0642	27.1780
373.000	10.3258	35.2393	27.0907	451.000	8.9919	35.0619	27.1765
374.000	10.2911	35.2424	27.0992	453.000	8.9848	35.0632	27.1786
376.000	10.2667	35.2211	27.0868	454.000	8.9701	35.0607	27.1789
378.000	10.2434	35.2222	27.0918	455.000	8.9527	35.0563	27.1783
379.000	10.2270	35.2446	27.1121	456.000	8.9353	35.0522	27.1779
380.000	10.2134	35.2308	27.1037	457.000	8.9226	35.0491	27.1775
381.000	10.2075	35.2186	27.0952	458.000	8.9202	35.0490	27.1778
382.000	10.2028	35.2198	27.0970	459.000	8.9142	35.0451	27.1757
383.000	10.1899	35.2237	27.1023	460.000	8.9013	35.0746	27.2009
384.000	10.1634	35.2164	27.1013	461.000	8.8997	35.0536	27.1847
385.000	10.1385	35.2124	27.1024	462.000	8.8920	35.0345	27.1711

615.000	6.9527	34.8865	27.3444	694.000	6.2495	34.8708	27.4269
616.000	6.9373	34.8877	27.3476	695.000	6.2459	34.8696	27.4265
617.000	6.8540	34.8965	27.3658	696.000	6.2426	34.8755	27.4315
618.000	6.8463	34.8867	27.3591	697.000	6.2432	34.8808	27.4356
619.000	6.8334	34.8798	27.3556	698.000	6.2383	34.8646	27.4234
620.000	6.8223	34.8849	27.3611	699.000	6.2355	34.8700	27.4281
621.000	6.8165	34.8964	27.3710	700.000	6.2336	34.8751	27.4324
623.000	6.8084	34.8941	27.3702	701.000	6.2333	34.8725	27.4303
624.000	6.7991	34.8836	27.3632	702.000	6.2231	34.8605	27.4222
625.000	6.7999	34.8827	27.3625	703.000	6.2007	34.8749	27.4365
626.000	6.7970	34.8812	27.3617	704.000	6.1954	34.8751	27.4374
627.000	6.7926	34.8851	27.3654	705.000	6.1822	34.8585	27.4259
628.000	6.7833	34.8960	27.3752	706.000	6.1648	34.8597	27.4292
629.000	6.7635	34.8843	27.3686	707.000	6.1600	34.8652	27.4342
630.000	6.7575	34.8817	27.3675	708.000	6.1575	34.8694	27.4378
631.000	6.7527	34.8838	27.3697	709.000	6.1531	34.8708	27.4395
632.000	6.7534	34.8810	27.3675	712.000	6.1260	34.8611	27.4354
633.000	6.7493	34.8840	27.3704	714.000	6.1151	34.8724	27.4456
634.000	6.7222	34.8839	27.3740	715.000	6.0907	34.8627	27.4411
635.000	6.7084	34.8837	27.3757	717.000	6.0849	34.8726	27.4497
636.000	6.6997	34.8807	27.3745	718.000	6.0849	34.8749	27.4516
637.000	6.6844	34.8835	27.3789	719.000	6.0820	34.8681	27.4465
638.000	6.6703	34.8854	27.3822	721.000	6.0766	34.8678	27.4471
639.000	6.6555	34.8829	27.3823	722.000	6.0759	34.8659	27.4457
640.000	6.6550	34.8808	27.3807	723.000	6.0733	34.8681	27.4477
641.000	6.6481	34.8840	27.3841	724.000	6.0705	34.8717	27.4509
642.000	6.6421	34.8834	27.3845	725.000	6.0657	34.8697	27.4499
643.000	6.6348	34.8824	27.3847	726.000	6.0604	34.8668	27.4484
644.000	6.6263	34.8788	27.3830	727.000	6.0543	34.8738	27.4546
645.000	6.6078	34.8824	27.3883	728.000	6.0527	34.8830	27.4622
646.000	6.5759	34.8728	27.3850	729.000	6.0509	34.8738	27.4551
647.000	6.5606	34.8889	27.3997	730.000	6.0489	34.8674	27.4504
648.000	6.5581	34.8964	27.4060	731.000	6.0449	34.8745	27.4564
649.000	6.5464	34.8656	27.3833	732.000	6.0418	34.8699	27.4533
650.000	6.5362	34.8788	27.3950	733.000	6.0339	34.8677	27.4526
651.000	6.5391	34.8779	27.3940	734.000	6.0277	34.8693	27.4546
653.000	6.5376	34.8767	27.3932	735.000	6.0243	34.8738	27.4586
654.000	6.5359	34.8760	27.3930	736.000	6.0240	34.8770	27.4612
655.000	6.5344	34.8770	27.3939	737.000	6.0213	34.8640	27.4513
656.000	6.5288	34.8687	27.3882	738.000	6.0154	34.8698	27.4566
657.000	6.5217	34.8706	27.3905	739.000	6.0168	34.8673	27.4544
658.000	6.5146	34.8726	27.3931	740.000	6.0141	34.8692	27.4563
659.000	6.5086	34.8761	27.3967	741.000	6.0105	34.8763	27.4623
660.000	6.5021	34.8768	27.3981	742.000	6.0058	34.8779	27.4643
661.000	6.4974	34.8700	27.3934	743.000	6.0043	34.8721	27.4599
663.000	6.4910	34.8677	27.3925	744.000	5.9997	34.8695	27.4584
664.000	6.4806	34.8714	27.3968	745.000	5.9948	34.8637	27.4545
665.000	6.4742	34.8848	27.4082	746.000	5.9942	34.8556	27.4481
666.000	6.4644	34.8677	27.3960	747.000	5.9656	34.8744	27.4666
667.000	6.4595	34.8732	27.4010	748.000	5.9671	34.8767	27.4683
668.000	6.4558	34.8763	27.4040	749.000	5.9648	34.8720	27.4649
669.000	6.4522	34.8702	27.3996	750.000	5.9599	34.8696	27.4636
670.000	6.4464	34.8732	27.4028	751.000	5.9513	34.8716	27.4662
671.000	6.4417	34.8802	27.4090	752.000	5.9463	34.8787	27.4726
672.000	6.4362	34.8780	27.4079	753.000	5.9418	34.8750	27.4701
673.000	6.4208	34.8580	27.3942	754.000	5.9312	34.8672	27.4654
674.000	6.4017	34.8697	27.4060	755.000	5.9308	34.8690	27.4668
675.000	6.3923	34.8794	27.4148	756.000	5.9271	34.8759	27.4728
676.000	6.3795	34.8749	27.4130	757.000	5.9263	34.8758	27.4728
677.000	6.3698	34.8815	27.4195	758.000	5.9193	34.8724	27.4709
678.000	6.3617	34.8792	27.4187	759.000	5.9127	34.8674	27.4679
679.000	6.3550	34.8760	27.4170	760.000	5.9028	34.8720	27.4728
680.000	6.3486	34.8684	27.4119	761.000	5.8967	34.8729	27.4743
681.000	6.3322	34.8672	27.4131	762.000	5.8795	34.8592	27.4656
682.000	6.3279	34.8733	27.4185	763.000	5.8684	34.8679	27.4739
683.000	6.3298	34.8783	27.4222	764.000	5.8658	34.8718	27.4772
684.000	6.3281	34.8747	27.4196	765.000	5.8624	34.8792	27.4836
685.000	6.3266	34.8698	27.4160	767.000	5.8605	34.8752	27.4807
686.000	6.3251	34.8614	27.4095	768.000	5.8587	34.8701	27.4769
687.000	6.3155	34.8612	27.4106	769.000	5.8534	34.8658	27.4741
689.000	6.3025	34.8739	27.4224	770.000	5.8408	34.8790	27.4863
690.000	6.2855	34.8612	27.4146	771.000	5.8385	34.8807	27.4878
691.000	6.2806	34.8666	27.4194	772.000	5.8360	34.8754	27.4839
692.000	6.2748	34.8644	27.4185	773.000	5.8336	34.8776	27.4861
693.000	6.2616	34.8748	27.4284	774.000	5.8310	34.8801	27.4884

775.000	5.8199	34.8700	27.4817	857.000	5.4871	34.8845	27.5348
776.000	5.8090	34.8708	27.4837	858.000	5.4847	34.8822	27.5333
778.000	5.8044	34.8662	27.4806	860.000	5.4817	34.8821	27.5337
779.000	5.7918	34.8836	27.4960	861.000	5.4737	34.8862	27.5378
780.000	5.7863	34.8705	27.4864	862.000	5.4713	34.8859	27.5379
781.000	5.7761	34.8747	27.4910	863.000	5.4697	34.8843	27.5369
782.000	5.7706	34.8811	27.4967	864.000	5.4679	34.8833	27.5363
783.000	5.7699	34.8804	27.4962	865.000	5.4640	34.8880	27.5405
784.000	5.7646	34.8746	27.4923	866.000	5.4595	34.8840	27.5379
785.000	5.7602	34.8757	27.4937	867.000	5.4563	34.8828	27.5374
786.000	5.7570	34.8768	27.4950	868.000	5.4432	34.8899	27.5446
787.000	5.7550	34.8767	27.4952	869.000	5.4390	34.8867	27.5425
788.000	5.7505	34.8787	27.4973	870.000	5.4352	34.8862	27.5426
789.000	5.7444	34.8735	27.4940	871.000	5.4320	34.8884	27.5448
790.000	5.7372	34.8735	27.4949	872.000	5.4283	34.8888	27.5455
791.000	5.7315	34.8792	27.5001	873.000	5.4233	34.8864	27.5442
792.000	5.7304	34.8847	27.5046	874.000	5.4177	34.8892	27.5471
793.000	5.7291	34.8758	27.4977	875.000	5.4139	34.8897	27.5480
794.000	5.7262	34.8733	27.4961	876.000	5.4120	34.8897	27.5482
795.000	5.7209	34.8710	27.4951	877.000	5.4115	34.8868	27.5460
797.000	5.7102	34.8839	27.5065	878.000	5.4097	34.8851	27.5449
798.000	5.7030	34.8819	27.5058	879.000	5.4066	34.8865	27.5464
799.000	5.7005	34.8795	27.5043	880.000	5.4030	34.8938	27.5525
800.000	5.6969	34.8801	27.5052	881.000	5.3981	34.8859	27.5470
801.000	5.6964	34.8791	27.5045	882.000	5.3906	34.8858	27.5478
803.000	5.6945	34.8780	27.5039	883.000	5.3886	34.8859	27.5481
804.000	5.6902	34.8844	27.5095	884.000	5.3839	34.8905	27.5523
805.000	5.6887	34.8772	27.5040	885.000	5.3851	34.8933	27.5544
806.000	5.6848	34.8839	27.5098	886.000	5.3790	34.8894	27.5520
807.000	5.6828	34.8791	27.5062	887.000	5.3753	34.8881	27.5515
808.000	5.6760	34.8774	27.5058	889.000	5.3679	34.8892	27.5533
809.000	5.6640	34.8830	27.5117	890.000	5.3648	34.8935	27.5570
810.000	5.6533	34.8790	27.5098	891.000	5.3626	34.8934	27.5572
811.000	5.6511	34.8822	27.5126	892.000	5.3609	34.8898	27.5546
812.000	5.6512	34.8864	27.5159	893.000	5.3545	34.8822	27.5494
813.000	5.6455	34.8775	27.5096	894.000	5.3478	34.8870	27.5539
815.000	5.6359	34.8828	27.5150	895.000	5.3402	34.8963	27.5622
816.000	5.6295	34.8801	27.5137	896.000	5.3338	34.8937	27.5610
817.000	5.6212	34.8819	27.5161	897.000	5.3258	34.8924	27.5608
818.000	5.6143	34.8816	27.5166	898.000	5.3236	34.8919	27.5607
820.000	5.6112	34.8848	27.5197	899.000	5.3205	34.8953	27.5638
821.000	5.6060	34.8903	27.5247	901.000	5.3188	34.8937	27.5628
822.000	5.6038	34.8833	27.5194	902.000	5.3153	34.8910	27.5611
823.000	5.6024	34.8803	27.5172	903.000	5.3112	34.8947	27.5645
824.000	5.6013	34.8779	27.5155	904.000	5.3042	34.8905	27.5620
825.000	5.5972	34.8782	27.5161	905.000	5.2982	34.8918	27.5638
826.000	5.5912	34.8813	27.5193	906.000	5.2926	34.9027	27.5730
827.000	5.5874	34.8846	27.5225	907.000	5.2917	34.8974	27.5689
828.000	5.5765	34.8778	27.5185	908.000	5.2906	34.8920	27.5648
829.000	5.5767	34.8820	27.5217	909.000	5.2909	34.8882	27.5619
830.000	5.5731	34.8854	27.5249	910.000	5.2862	34.8923	27.5656
831.000	5.5702	34.8839	27.5240	911.000	5.2830	34.8936	27.5670
832.000	5.5652	34.8814	27.5227	912.000	5.2805	34.8955	27.5689
834.000	5.5584	34.8816	27.5237	913.000	5.2801	34.8970	27.5701
835.000	5.5555	34.8833	27.5254	914.000	5.2798	34.8928	27.5668
836.000	5.5525	34.8856	27.5276	915.000	5.2767	34.8914	27.5661
837.000	5.5500	34.8956	27.5358	916.000	5.2738	34.8919	27.5668
838.000	5.5472	34.8863	27.5288	917.000	5.2649	34.8944	27.5699
839.000	5.5423	34.8800	27.5245	918.000	5.2629	34.8929	27.5689
840.000	5.5278	34.8783	27.5249	919.000	5.2585	34.8931	27.5696
841.000	5.5138	34.8842	27.5312	920.000	5.2551	34.8956	27.5720
842.000	5.5114	34.8951	27.5402	921.000	5.2526	34.8960	27.5726
843.000	5.5092	34.8820	27.5300	922.000	5.2486	34.8938	27.5714
844.000	5.5070	34.8836	27.5317	923.000	5.2465	34.8933	27.5712
845.000	5.5054	34.8888	27.5359	924.000	5.2435	34.9021	27.5786
846.000	5.5035	34.8852	27.5333	925.000	5.2423	34.8950	27.5730
848.000	5.5006	34.8848	27.5334	926.000	5.2395	34.8936	27.5723
849.000	5.4986	34.8857	27.5344	928.000	5.2381	34.8964	27.5747
850.000	5.4944	34.8893	27.5377	929.000	5.2370	34.8941	27.5730
851.000	5.4934	34.8873	27.5362	930.000	5.2359	34.8928	27.5722
852.000	5.4943	34.8832	27.5329	931.000	5.2318	34.8936	27.5733
853.000	5.4934	34.8833	27.5331	932.000	5.2253	34.8989	27.5783
854.000	5.4920	34.8834	27.5334	934.000	5.2165	34.8963	27.5773
855.000	5.4905	34.8841	27.5341	935.000	5.2119	34.9011	27.5816
856.000	5.4886	34.8875	27.5371	936.000	5.2090	34.8980	27.5795

937.000	5.2076	34.8943	27.5767	1016.000	4.8817	34.9175	27.6335
938.000	5.2065	34.8915	27.5746	1017.000	4.8604	34.9167	27.6353
939.000	5.2021	34.8955	27.5783	1018.000	4.8538	34.9194	27.6382
940.000	5.2014	34.8957	27.5786	1019.000	4.8528	34.9182	27.6374
942.000	5.2018	34.8957	27.5786	1020.000	4.8489	34.9145	27.6348
943.000	5.1982	34.8918	27.5759	1021.000	4.8447	34.9154	27.6361
945.000	5.1937	34.8872	27.5728	1022.000	4.8427	34.9183	27.6386
946.000	5.1879	34.8913	27.5767	1023.000	4.8410	34.9177	27.6383
947.000	5.1834	34.8953	27.5805	1024.000	4.8366	34.9150	27.6367
948.000	5.1818	34.9037	27.5873	1026.000	4.8277	34.9153	27.6380
949.000	5.1734	34.8899	27.5774	1028.000	4.8232	34.9238	27.6452
950.000	5.1664	34.8970	27.5838	1029.000	4.8166	34.9115	27.6362
951.000	5.1633	34.8980	27.5850	1030.000	4.8117	34.9148	27.6395
952.000	5.1587	34.8969	27.5846	1031.000	4.8079	34.9180	27.6424
953.000	5.1561	34.8979	27.5858	1032.000	4.8051	34.9178	27.6426
954.000	5.1545	34.8991	27.5870	1033.000	4.8049	34.9148	27.6402
955.000	5.1519	34.8994	27.5875	1034.000	4.8022	34.9168	27.6421
956.000	5.1459	34.8980	27.5871	1035.000	4.7887	34.9207	27.6468
957.000	5.1452	34.8945	27.5844	1036.000	4.7825	34.9167	27.6444
958.000	5.1435	34.8985	27.5878	1037.000	4.7807	34.9183	27.6458
959.000	5.1431	34.9011	27.5899	1038.000	4.7785	34.9190	27.6466
960.000	5.1433	34.8994	27.5885	1039.000	4.7704	34.9171	27.6460
961.000	5.1420	34.8968	27.5867	1040.000	4.7588	34.9142	27.6449
962.000	5.1374	34.9010	27.5905	1041.000	4.7489	34.9190	27.6499
963.000	5.1335	34.9032	27.5927	1042.000	4.7414	34.9237	27.6545
964.000	5.1331	34.9001	27.5903	1043.000	4.7242	34.9173	27.6513
965.000	5.1328	34.8998	27.5901	1044.000	4.7115	34.9265	27.6600
966.000	5.1323	34.8990	27.5896	1045.000	4.7028	34.9290	27.6630
967.000	5.1312	34.8992	27.5898	1046.000	4.6904	34.9236	27.6602
968.000	5.1309	34.8966	27.5879	1047.000	4.6784	34.9387	27.6734
969.000	5.1297	34.8959	27.5874	1048.000	4.6730	34.9395	27.6747
970.000	5.1261	34.8952	27.5873	1049.000	4.6703	34.9237	27.6625
971.000	5.1141	34.8993	27.5920	1051.000	4.6648	34.9164	27.6573
972.000	5.0803	34.8843	27.5840	1053.000	4.6570	34.9198	27.6609
973.000	5.0775	34.8946	27.5924	1054.000	4.6498	34.9317	27.6711
974.000	5.0697	34.9014	27.5988	1055.000	4.6455	34.9272	27.6681
975.000	5.0650	34.9047	27.6020	1056.000	4.6417	34.9256	27.6672
976.000	5.0615	34.9047	27.6024	1057.000	4.6406	34.9246	27.6665
978.000	5.0584	34.9042	27.6024	1058.000	4.6402	34.9266	27.6683
979.000	5.0463	34.8955	27.5969	1059.000	4.6400	34.9286	27.6698
980.000	5.0338	34.8985	27.6007	1060.000	4.6349	34.9207	27.6642
981.000	5.0203	34.9228	27.6215	1061.000	4.6273	34.9231	27.6668
982.000	5.0205	34.9077	27.6095	1062.000	4.6206	34.9298	27.6730
983.000	5.0178	34.9069	27.6092	1063.000	4.6182	34.9295	27.6729
984.000	5.0098	34.9031	27.6071	1064.000	4.6148	34.9229	27.6681
985.000	4.9962	34.9031	27.6087	1065.000	4.6094	34.9190	27.6656
986.000	4.9872	34.9072	27.6130	1067.000	4.6055	34.9193	27.6663
987.000	4.9830	34.9126	27.6178	1068.000	4.6001	34.9282	27.6740
988.000	4.9823	34.9097	27.6155	1069.000	4.5979	34.9271	27.6733
989.000	4.9827	34.9058	27.6124	1070.000	4.5858	34.9220	27.6706
990.000	4.9809	34.9089	27.6151	1071.000	4.5860	34.9208	27.6697
991.000	4.9797	34.9094	27.6157	1072.000	4.5789	34.9289	27.6769
993.000	4.9790	34.9074	27.6142	1073.000	4.5758	34.9241	27.6734
994.000	4.9793	34.9052	27.6124	1074.000	4.5681	34.9258	27.6757
995.000	4.9793	34.9072	27.6140	1075.000	4.5651	34.9291	27.6786
996.000	4.9793	34.9074	27.6142	1076.000	4.5578	34.9289	27.6792
997.000	4.9757	34.9063	27.6137	1077.000	4.5590	34.9263	27.6770
998.000	4.9757	34.9069	27.6142	1078.000	4.5597	34.9266	27.6773
999.000	4.9754	34.9066	27.6140	1079.000	4.5580	34.9303	27.6804
1000.000	4.9756	34.9059	27.6135	1080.000	4.5584	34.9281	27.6786
1001.000	4.9749	34.9061	27.6137	1081.000	4.5581	34.9260	27.6769
1002.000	4.9747	34.9058	27.6136	1083.000	4.5590	34.9222	27.6739
1003.000	4.9745	34.9055	27.6133	1084.000	4.5544	34.9266	27.6778
1004.000	4.9729	34.9067	27.6144	1085.000	4.5582	34.9240	27.6754
1005.000	4.9734	34.9071	27.6147	1086.000	4.5534	34.9325	27.6827
1006.000	4.9696	34.9051	27.6136	1087.000	4.5498	34.9223	27.6751
1007.000	4.9690	34.9048	27.6134	1088.000	4.5417	34.9232	27.6766
1008.000	4.9691	34.9067	27.6149	1089.000	4.5343	34.9276	27.6809
1009.000	4.9663	34.9012	27.6109	1090.000	4.5314	34.9324	27.6850
1010.000	4.9531	34.9040	27.6146	1091.000	4.5269	34.9287	27.6826
1011.000	4.9408	34.9064	27.6179	1092.000	4.5211	34.9285	27.6832
1012.000	4.9274	34.9155	27.6267	1093.000	4.5212	34.9293	27.6837
1013.000	4.9174	34.9122	27.6252	1094.000	4.5214	34.9284	27.6831
1014.000	4.9100	34.9086	27.6232	1095.000	4.5197	34.9272	27.6822
1015.000	4.9009	34.9070	27.6230	1096.000	4.5177	34.9308	27.6853

1097.000	4.5163	34.9309	27.6855	1150.000	4.4480	34.9288	27.6918
1098.000	4.5137	34.9271	27.6829	1151.000	4.4457	34.9321	27.6947
1099.000	4.5114	34.9269	27.6830	1152.000	4.4422	34.9309	27.6942
1101.000	4.5090	34.9292	27.6850	1153.000	4.4375	34.9298	27.6938
1102.000	4.5040	34.9240	27.6814	1154.000	4.4349	34.9314	27.6953
1103.000	4.4980	34.9262	27.6839	1155.000	4.4337	34.9332	27.6970
1104.000	4.4926	34.9294	27.6870	1156.000	4.4296	34.9329	27.6971
1105.000	4.4883	34.9292	27.6874	1157.000	4.4316	34.9320	27.6963
1106.000	4.4891	34.9271	27.6857	1158.000	4.4295	34.9350	27.6988
1108.000	4.4887	34.9282	27.6865	1159.000	4.4255	34.9343	27.6987
1109.000	4.4887	34.9277	27.6861	1160.000	4.4205	34.9322	27.6976
1110.000	4.4880	34.9288	27.6871	1161.000	4.4144	34.9304	27.6969
1111.000	4.4858	34.9279	27.6867	1162.000	4.4082	34.9334	27.6999
1112.000	4.4847	34.9282	27.6870	1163.000	4.4061	34.9395	27.7049
1113.000	4.4847	34.9282	27.6870	1164.000	4.4067	34.9349	27.7013
1114.000	4.4834	34.9291	27.6879	1166.000	4.4054	34.9335	27.7003
1115.000	4.4830	34.9311	27.6895	1167.000	4.4050	34.9351	27.7016
1116.000	4.4804	34.9252	27.6852	1168.000	4.4053	34.9361	27.7025
1117.000	4.4775	34.9269	27.6868	1169.000	4.4018	34.9363	27.7029
1118.000	4.4746	34.9322	27.6913	1170.000	4.3980	34.9354	27.7027
1119.000	4.4740	34.9308	27.6903	1171.000	4.3958	34.9355	27.7030
1120.000	4.4727	34.9302	27.6900	1172.000	4.3948	34.9362	27.7037
1121.000	4.4709	34.9300	27.6901	1173.000	4.3943	34.9362	27.7037
1122.000	4.4704	34.9292	27.6895	1174.000	4.3897	34.9382	27.7059
1124.000	4.4669	34.9293	27.6900	1175.000	4.3855	34.9360	27.7045
1125.000	4.4644	34.9332	27.6933	1176.000	4.3840	34.9347	27.7036
1126.000	4.4631	34.9311	27.6918	1178.000	4.3808	34.9357	27.7048
1127.000	4.4615	34.9315	27.6923	1179.000	4.3789	34.9350	27.7046
1128.000	4.4616	34.9307	27.6917	1180.000	4.3781	34.9375	27.7065
1129.000	4.4624	34.9293	27.6905	1181.000	4.3766	34.9403	27.7090
1131.000	4.4621	34.9306	27.6916	1182.000	4.3756	34.9358	27.7055
1132.000	4.4630	34.9306	27.6915	1183.000	4.3748	34.9369	27.7065
1133.000	4.4615	34.9314	27.6923	1184.000	4.3737	34.9362	27.7061
1134.000	4.4627	34.9306	27.6915	1185.000	4.3739	34.9345	27.7046
1135.000	4.4630	34.9306	27.6915	1186.000	4.3722	34.9357	27.7059
1136.000	4.4632	34.9298	27.6909	1187.000	4.3725	34.9374	27.7071
1137.000	4.4613	34.9300	27.6912	1188.000	4.3728	34.9360	27.7060
1138.000	4.4608	34.9296	27.6910	1189.000	4.3717	34.9362	27.7062
1139.000	4.4597	34.9294	27.6909	1190.000	4.3715	34.9375	27.7074
1140.000	4.4598	34.9299	27.6914	1191.000	4.3696	34.9378	27.7079
1141.000	4.4624	34.9265	27.6884	1192.000	4.3686	34.9369	27.7073
1142.000	4.4580	34.9303	27.6919	1193.000	4.3673	34.9366	27.7071
1143.000	4.4550	34.9309	27.6927	1194.000	4.3664	34.9348	27.7058
1144.000	4.4548	34.9287	27.6909	1195.000	4.3617	34.9375	27.7084
1145.000	4.4541	34.9272	27.6898	1196.000	4.3633	34.9374	27.7082
1146.000	4.4529	34.9277	27.6904	1197.000	4.3628	34.9393	27.7098
1147.000	4.4507	34.9317	27.6938	1198.000	4.3626	34.9368	27.7079
1148.000	4.4499	34.9292	27.6920	1199.000	4.3617	34.9364	27.7077
1149.000	4.4484	34.9288	27.6918	1200.000	4.3617	34.9372	27.7083

Cruise: 93G09
 Date: Sun Aug 08 1993m Julian day 219
 Time: 06:28:30 GMT
 Lat: 28 55.518 N
 Lon: 88 22.487 W
 Stn: XBT 2
 Probe type: T-7

Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
0.65	30.32	32.95	27.13	65.15	21.36	97.23	19.17
1.29	30.76	33.60	26.45	65.79	21.32	97.88	19.09
1.94	30.86	34.24	26.32	66.43	21.26	98.52	19.02
2.59	30.88	34.89	26.28	67.08	21.20	99.16	18.97
3.24	30.87	35.53	26.33	67.72	21.18	99.80	18.95
3.88	30.88	36.18	26.33	68.36	21.13	100.44	18.92
4.53	30.87	36.82	26.08	69.00	21.10	101.08	18.86
5.18	30.86	37.46	25.56	69.65	21.05	101.72	18.76
5.82	30.85	38.11	25.24	70.29	21.01	102.36	18.64
6.47	30.86	38.75	24.96	70.93	20.97	103.00	18.54
7.12	30.86	39.40	24.80	71.57	20.93	103.64	18.46
7.76	30.88	40.04	24.71	72.22	20.89	104.28	18.41
8.41	31.10	40.69	24.62	72.86	20.83	104.92	18.39
9.06	31.20	41.33	24.53	73.50	20.78	105.56	18.33
9.70	30.87	41.98	24.38	74.14	20.70	106.20	18.29
10.35	30.47	42.62	24.26	74.78	20.66	106.84	18.23
11.00	29.84	43.27	24.04	75.43	20.65	107.48	18.20
11.64	29.86	43.91	23.86	76.07	20.62	108.12	18.17
12.29	30.00	44.55	23.69	76.71	20.57	108.76	18.14
12.94	29.80	45.20	23.59	77.35	20.55	109.40	18.11
13.58	29.78	45.84	23.52	77.99	20.49	110.04	18.10
14.23	29.98	46.49	23.39	78.64	20.41	110.68	18.09
14.87	30.00	47.13	23.23	79.28	20.33	111.32	18.07
15.52	29.75	47.77	23.17	79.92	20.26	111.96	18.04
16.17	29.73	48.42	23.12	80.56	20.20	112.60	18.03
16.81	29.82	49.06	23.05	81.20	20.17	113.24	18.03
17.46	29.92	49.71	23.00	81.85	20.11	113.88	18.02
18.10	30.01	50.35	22.90	82.49	20.05	114.52	17.99
18.75	30.10	50.99	22.85	83.13	19.95	115.16	17.97
19.40	30.13	51.64	22.74	83.77	19.84	115.80	17.95
20.04	30.15	52.28	22.64	84.41	19.78	116.44	17.87
20.69	30.21	52.93	22.58	85.05	19.74	117.07	17.78
21.33	30.20	53.57	22.45	85.70	19.74	117.71	17.73
21.98	30.14	54.21	22.30	86.34	19.78	118.35	17.71
22.63	29.99	54.86	22.23	86.98	19.79	118.99	17.69
23.27	29.76	55.50	22.14	87.62	19.75	119.63	17.67
23.92	29.43	56.14	22.01	88.26	19.71	120.27	17.65
24.56	29.06	56.79	21.94	88.90	19.69	120.91	17.64
25.21	28.92	57.43	21.89	89.54	19.57	121.55	17.62
25.85	28.66	58.07	21.87	90.18	19.50	122.19	17.61
26.50	28.40	58.72	21.77	90.83	19.46	122.83	17.60
27.14	28.28	59.36	21.68	91.47	19.42	123.47	17.57
27.79	28.14	60.00	21.66	92.11	19.40	124.11	17.55
28.43	28.09	60.65	21.63	92.75	19.44	124.74	17.53
29.08	27.88	61.29	21.58	93.39	19.45	125.38	17.51
29.73	27.82	61.93	21.53	94.03	19.44	126.02	17.47
30.37	27.85	62.58	21.50	94.67	19.43	126.66	17.45
31.02	27.82	63.22	21.47	95.31	19.39	127.30	17.45
31.66	27.69	63.86	21.45	95.95	19.31	127.94	17.43
32.31	27.48	64.50	21.40	96.59	19.22	128.58	17.42
32.95	27.13	65.15	21.36	97.23	19.17	129.21	17.39

Mixed to 8m;
 assuming ML salinity
 = 25.26 PSU
 like that of CTD-01,
 and splicing salinity to
 XBT-02 using T/S
 relationship from CTD-01,
 dyn height = 118.0 dyn 0
 (urf = 800 m)

Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
129.85	17.34	164.90	16.03	199.82	14.88	234.61	13.59
130.49	17.28	165.54	16.00	200.46	14.85	235.24	13.57
131.13	17.19	166.18	15.98	201.09	14.81	235.88	13.54
131.77	17.15	166.81	15.95	201.72	14.78	236.51	13.51
132.41	17.11	167.45	15.94	202.36	14.77	237.14	13.49
133.04	17.04	168.08	15.92	202.99	14.77	237.77	13.44
133.68	17.00	168.72	15.90	203.63	14.73	238.40	13.41
134.32	16.94	169.36	15.90	204.26	14.70	239.03	13.39
134.96	16.88	169.99	15.89	204.89	14.66	239.66	13.35
135.60	16.86	170.63	15.89	205.53	14.62	240.29	13.31
136.24	16.84	171.26	15.86	206.16	14.61	240.92	13.30
136.87	16.84	171.90	15.83	206.79	14.57	241.56	13.28
137.51	16.82	172.53	15.80	207.43	14.53	242.19	13.25
138.15	16.80	173.17	15.78	208.06	14.51	242.82	13.22
138.79	16.78	173.80	15.77	208.69	14.50	243.45	13.21
139.43	16.76	174.44	15.75	209.32	14.48	244.08	13.19
140.06	16.75	175.08	15.74	209.96	14.46	244.71	13.16
140.70	16.74	175.71	15.71	210.59	14.45	245.34	13.15
141.34	16.73	176.35	15.70	211.22	14.44	245.97	13.13
141.98	16.71	176.98	15.67	211.86	14.43	246.60	13.12
142.61	16.69	177.62	15.66	212.49	14.42	247.23	13.12
143.25	16.68	178.25	15.65	213.12	14.38	247.86	13.10
143.89	16.67	178.89	15.62	213.76	14.35	248.49	13.09
144.53	16.66	179.52	15.61	214.39	14.33	249.12	13.04
145.16	16.63	180.16	15.57	215.02	14.32	249.75	12.95
145.80	16.59	180.79	15.53	215.65	14.30	250.38	12.89
146.44	16.57	181.43	15.51	216.29	14.29	251.01	12.87
147.08	16.56	182.06	15.44	216.92	14.28	251.64	12.87
147.71	16.54	182.70	15.41	217.55	14.24	252.27	12.84
148.35	16.53	183.33	15.42	218.18	14.21	252.90	12.84
148.99	16.52	183.97	15.40	218.82	14.19	253.53	12.79
149.62	16.47	184.60	15.39	219.45	14.17	254.16	12.74
150.26	16.45	185.24	15.37	220.08	14.15	254.79	12.70
150.90	16.43	185.87	15.36	220.71	14.13	255.42	12.69
151.54	16.42	186.51	15.34	221.35	14.12	256.05	12.69
152.17	16.41	187.14	15.28	221.98	14.08	256.68	12.69
152.81	16.40	187.78	15.26	222.61	14.06	257.31	12.70
153.45	16.36	188.41	15.23	223.24	14.02	257.94	12.68
154.08	16.34	189.04	15.20	223.87	13.97	258.57	12.66
154.72	16.30	189.68	15.19	224.51	13.97	259.20	12.59
155.36	16.27	190.31	15.16	225.14	13.95	259.83	12.57
155.99	16.25	190.95	15.14	225.77	13.95	260.46	12.57
156.63	16.23	191.58	15.11	226.40	13.94	261.09	12.57
157.27	16.24	192.22	15.08	227.03	13.92	261.72	12.56
157.90	16.23	192.85	15.03	227.67	13.89	262.35	12.56
158.54	16.23	193.48	15.01	228.30	13.88	262.98	12.56
159.18	16.22	194.12	15.00	228.93	13.87	263.61	12.54
159.81	16.21	194.75	14.98	229.56	13.84	264.24	12.51
160.45	16.21	195.39	14.98	230.19	13.81	264.87	12.49
161.09	16.20	196.02	14.97	230.82	13.79	265.50	12.48
161.72	16.18	196.65	14.95	231.46	13.76	266.13	12.46
162.36	16.16	197.29	14.94	232.09	13.73	266.76	12.45
163.00	16.11	197.92	14.92	232.72	13.71	267.38	12.43
163.63	16.07	198.56	14.91	233.35	13.67	268.01	12.42
164.27	16.05	199.19	14.90	233.98	13.62	268.64	12.41
164.90	16.03	199.82	14.88	234.61	13.59	269.27	12.39

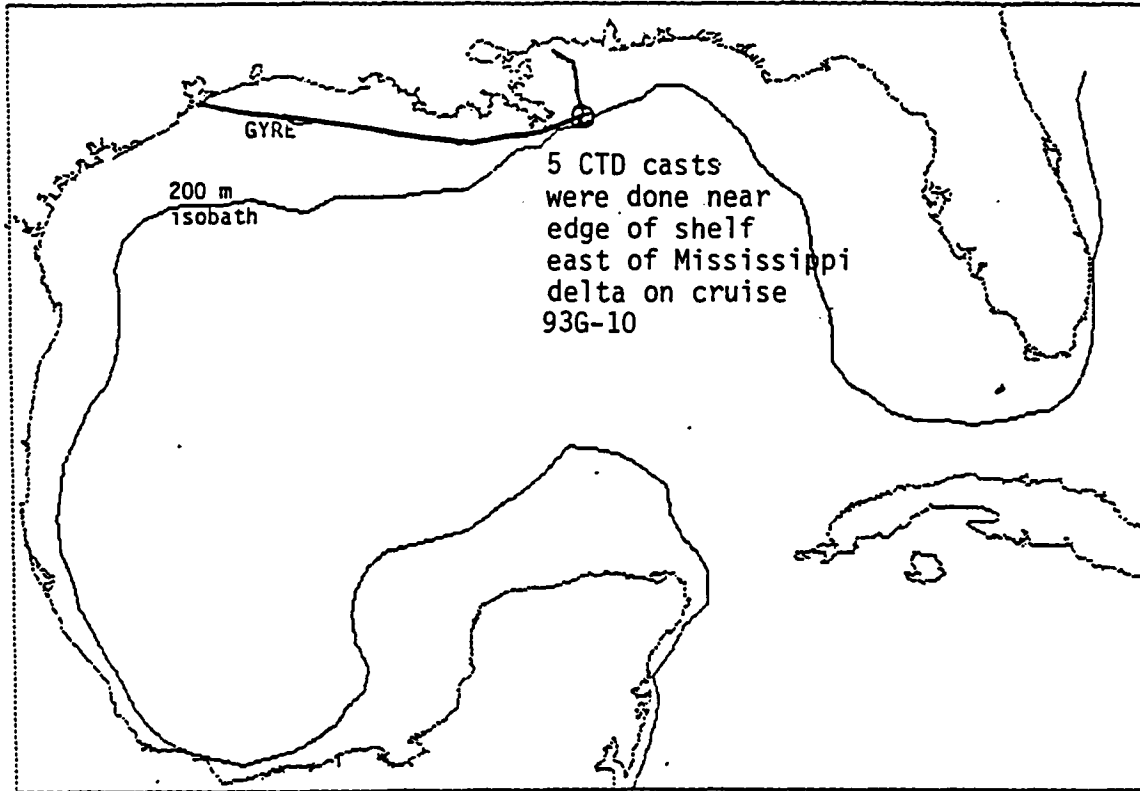
Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
269.90	12.38	304.43	11.51	338.82	10.83	373.09	10.20
270.53	12.37	305.05	11.49	339.45	10.82	373.71	10.20
271.16	12.36	305.68	11.48	340.07	10.81	374.33	10.21
271.79	12.35	306.31	11.47	340.69	10.80	374.95	10.21
272.42	12.34	306.93	11.46	341.32	10.78	375.57	10.19
273.04	12.33	307.56	11.45	341.94	10.77	376.19	10.18
273.67	12.31	308.18	11.41	342.57	10.76	376.82	10.16
274.30	12.30	308.81	11.39	343.19	10.76	377.44	10.14
274.93	12.29	309.44	11.37	343.81	10.74	378.06	10.11
275.56	12.29	310.06	11.35	344.44	10.72	378.68	10.08
276.19	12.28	310.69	11.34	345.06	10.72	379.30	10.08
276.82	12.27	311.32	11.33	345.68	10.70	379.92	10.06
277.44	12.26	311.94	11.32	346.31	10.69	380.54	10.06
278.07	12.26	312.57	11.31	346.93	10.69	381.17	10.05
278.70	12.24	313.19	11.31	347.56	10.66	381.79	10.02
279.33	12.21	313.82	11.27	348.18	10.65	382.41	10.02
279.96	12.20	314.45	11.25	348.80	10.65	383.03	10.02
280.59	12.14	315.07	11.22	349.43	10.64	383.65	10.00
281.21	12.11	315.70	11.20	350.05	10.64	384.27	10.00
281.84	12.08	316.32	11.21	350.67	10.62	384.89	10.00
282.47	12.07	316.95	11.19	351.30	10.60	385.51	9.99
283.10	12.06	317.57	11.19	351.92	10.59	386.13	9.97
283.73	12.05	318.20	11.18	352.54	10.57	386.75	9.97
284.35	12.04	318.83	11.16	353.17	10.55	387.38	9.97
284.98	12.03	319.45	11.16	353.79	10.53	388.00	9.95
285.61	12.02	320.08	11.15	354.41	10.53	388.62	9.93
286.24	12.01	320.70	11.15	355.04	10.51	389.24	9.92
286.87	11.97	321.33	11.14	355.66	10.50	389.86	9.92
287.49	11.94	321.95	11.14	356.28	10.49	390.48	9.90
288.12	11.91	322.58	11.12	356.90	10.46	391.10	9.89
288.75	11.89	323.20	11.12	357.53	10.45	391.72	9.88
289.38	11.88	323.83	11.11	358.15	10.44	392.34	9.88
290.00	11.88	324.45	11.12	358.77	10.44	392.96	9.87
290.63	11.87	325.08	11.11	359.40	10.42	393.58	9.86
291.26	11.84	325.70	11.10	360.02	10.41	394.20	9.84
291.89	11.81	326.33	11.10	360.64	10.40	394.82	9.83
292.51	11.80	326.95	11.10	361.26	10.39	395.44	9.82
293.14	11.80	327.58	11.09	361.89	10.39	396.06	9.79
293.77	11.80	328.20	11.09	362.51	10.39	396.68	9.77
294.40	11.79	328.83	11.09	363.13	10.39	397.30	9.77
295.02	11.77	329.45	11.07	363.75	10.38	397.92	9.75
295.65	11.75	330.08	11.06	364.38	10.38	398.54	9.74
296.28	11.74	330.70	11.02	365.00	10.38	399.16	9.73
296.90	11.71	331.33	11.00	365.62	10.39	399.78	9.74
297.53	11.71	331.95	11.00	366.24	10.38	400.40	9.74
298.16	11.70	332.58	11.00	366.87	10.39	401.02	9.74
298.79	11.70	333.20	10.99	367.49	10.38	401.64	9.74
299.41	11.68	333.83	10.96	368.11	10.37	402.26	9.74
300.04	11.68	334.45	10.93	368.73	10.36	402.88	9.74
300.67	11.67	335.08	10.91	369.35	10.36	403.50	9.74
301.29	11.68	335.70	10.88	369.98	10.29	404.12	9.74
301.92	11.67	336.32	10.87	370.60	10.25	404.74	9.73
302.55	11.65	336.95	10.86	371.22	10.24	405.36	9.72
303.17	11.63	337.57	10.84	371.84	10.22	405.98	9.70
303.80	11.56	338.20	10.84	372.46	10.20	406.60	9.69
304.43	11.51	338.82	10.83	373.09	10.20	407.22	9.67

Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
407.84	9.66	441.84	9.08	475.71	8.10	509.45	7.70
408.46	9.65	442.46	9.06	476.32	8.09	510.06	7.69
409.08	9.65	443.07	9.02	476.94	8.08	510.67	7.69
409.70	9.63	443.69	8.99	477.55	8.06	511.28	7.69
410.32	9.62	444.31	8.97	478.17	8.05	511.90	7.68
410.93	9.62	444.92	8.95	478.78	8.04	512.51	7.69
411.55	9.62	445.54	8.94	479.40	8.03	513.12	7.68
412.17	9.61	446.16	8.91	480.01	8.02	513.73	7.67
412.79	9.61	446.77	8.89	480.62	8.01	514.34	7.68
413.41	9.58	447.39	8.88	481.24	8.01	514.96	7.66
414.03	9.57	448.01	8.87	481.85	8.00	515.57	7.66
414.65	9.57	448.62	8.87	482.47	7.99	516.18	7.65
415.27	9.57	449.24	8.87	483.08	7.99	516.79	7.64
415.89	9.57	449.86	8.84	483.70	7.98	517.40	7.65
416.51	9.57	450.47	8.84	484.31	7.94	518.02	7.63
417.12	9.57	451.09	8.83	484.92	7.93	518.63	7.62
417.74	9.56	451.71	8.82	485.54	7.93	519.24	7.62
418.36	9.53	452.32	8.81	486.15	7.93	519.85	7.62
418.98	9.51	452.94	8.80	486.77	7.92	520.46	7.61
419.60	9.48	453.55	8.79	487.38	7.91	521.07	7.59
420.22	9.44	454.17	8.79	487.99	7.90	521.68	7.57
420.84	9.43	454.79	8.78	488.61	7.89	522.30	7.54
421.45	9.41	455.40	8.78	489.22	7.88	522.91	7.53
422.07	9.39	456.02	8.78	489.83	7.87	523.52	7.51
422.69	9.37	456.63	8.77	490.45	7.85	524.13	7.51
423.31	9.37	457.25	8.76	491.06	7.83	524.74	7.51
423.93	9.35	457.87	8.73	491.67	7.82	525.35	7.51
424.55	9.33	458.48	8.71	492.29	7.81	525.96	7.50
425.16	9.30	459.10	8.69	492.90	7.80	526.57	7.50
425.78	9.28	459.71	8.68	493.51	7.79	527.19	7.51
426.40	9.27	460.33	8.67	494.13	7.79	527.80	7.50
427.02	9.26	460.95	8.65	494.74	7.78	528.41	7.50
427.64	9.24	461.56	8.63	495.35	7.78	529.02	7.50
428.25	9.22	462.18	8.59	495.97	7.78	529.63	7.50
428.87	9.21	462.79	8.57	496.58	7.78	530.24	7.48
429.49	9.22	463.41	8.51	497.19	7.78	530.85	7.49
430.11	9.21	464.02	8.48	497.81	7.78	531.46	7.47
430.73	9.19	464.64	8.46	498.42	7.78	532.07	7.46
431.34	9.17	465.25	8.45	499.03	7.77	532.68	7.45
431.96	9.18	465.87	8.45	499.65	7.77	533.29	7.43
432.58	9.19	466.48	8.44	500.26	7.75	533.90	7.43
433.20	9.20	467.10	8.44	500.87	7.75	534.51	7.42
433.81	9.20	467.72	8.40	501.49	7.74	535.12	7.41
434.43	9.21	468.33	8.37	502.10	7.75	535.73	7.40
435.05	9.19	468.95	8.34	502.71	7.73	536.35	7.38
435.67	9.21	469.56	8.32	503.32	7.73	536.96	7.37
436.28	9.20	470.18	8.28	503.94	7.73	537.57	7.37
436.90	9.18	470.79	8.24	504.55	7.73	538.18	7.37
437.52	9.16	471.41	8.21	505.16	7.72	538.79	7.37
438.14	9.15	472.02	8.20	505.77	7.71	539.40	7.36
438.75	9.14	472.64	8.16	506.39	7.71	540.01	7.36
439.37	9.13	473.25	8.14	507.00	7.72	540.62	7.35
439.99	9.13	473.86	8.14	507.61	7.70	541.23	7.35
440.60	9.13	474.48	8.14	508.22	7.70	541.84	7.35
441.22	9.10	475.09	8.12	508.84	7.70	542.45	7.35
441.84	9.08	475.71	8.10	509.45	7.70	543.06	7.33

Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
543.67	7.32	577.14	7.09	610.49	6.85	643.70	6.49
544.28	7.31	577.75	7.08	611.09	6.84	644.30	6.49
544.89	7.31	578.36	7.08	611.70	6.84	644.91	6.48
545.50	7.31	578.96	7.07	612.30	6.84	645.51	6.47
546.11	7.31	579.57	7.05	612.91	6.83	646.11	6.46
546.71	7.31	580.18	7.04	613.51	6.82	646.71	6.45
547.32	7.30	580.79	7.03	614.12	6.81	647.32	6.43
547.93	7.29	581.39	7.03	614.72	6.81	647.92	6.43
548.54	7.30	582.00	7.03	615.33	6.80	648.52	6.43
549.15	7.30	582.61	7.03	615.93	6.80	649.12	6.42
549.76	7.28	583.21	7.03	616.54	6.80	649.73	6.42
550.37	7.27	583.82	7.02	617.14	6.80	650.33	6.41
550.98	7.27	584.43	7.02	617.74	6.80	650.93	6.41
551.59	7.25	585.04	7.02	618.35	6.80	651.53	6.40
552.20	7.24	585.64	7.01	618.95	6.80	652.13	6.40
552.81	7.23	586.25	7.01	619.56	6.80	652.74	6.41
553.42	7.21	586.86	7.01	620.16	6.80	653.34	6.39
554.03	7.22	587.46	7.01	620.77	6.80	653.94	6.41
554.64	7.23	588.07	7.00	621.37	6.79	654.54	6.39
555.25	7.22	588.68	7.00	621.98	6.79	655.14	6.40
555.85	7.21	589.28	6.99	622.58	6.78	655.75	6.39
556.46	7.20	589.89	7.00	623.18	6.78	656.35	6.39
557.07	7.20	590.50	7.00	623.79	6.78	656.95	6.38
557.68	7.19	591.10	6.99	624.39	6.78	657.55	6.39
558.29	7.19	591.71	6.99	625.00	6.77	658.15	6.37
558.90	7.19	592.31	6.99	625.60	6.77	658.75	6.37
559.51	7.19	592.92	6.99	626.20	6.77	659.36	6.38
560.12	7.19	593.53	7.00	626.81	6.77	659.96	6.37
560.72	7.19	594.13	6.98	627.41	6.75	660.56	6.37
561.33	7.19	594.74	6.98	628.02	6.74	661.16	6.37
561.94	7.20	595.35	6.98	628.62	6.72	661.76	6.35
562.55	7.18	595.95	6.98	629.22	6.69	662.36	6.36
563.16	7.18	596.56	6.98	629.83	6.67	662.96	6.35
563.77	7.17	597.16	6.97	630.43	6.67	663.57	6.35
564.38	7.17	597.77	6.96	631.03	6.66	664.17	6.35
564.98	7.17	598.38	6.95	631.64	6.66	664.77	6.33
565.59	7.17	598.98	6.94	632.24	6.65	665.37	6.33
566.20	7.17	599.59	6.92	632.84	6.65	665.97	6.33
566.81	7.16	600.19	6.92	633.45	6.65	666.57	6.30
567.42	7.16	600.80	6.90	634.05	6.65	667.17	6.29
568.03	7.16	601.41	6.89	634.66	6.64	667.77	6.29
568.63	7.15	602.01	6.89	635.26	6.63	668.38	6.29
569.24	7.14	602.62	6.89	635.86	6.62	668.98	6.27
569.85	7.13	603.22	6.89	636.47	6.62	669.58	6.27
570.46	7.13	603.83	6.89	637.07	6.60	670.18	6.26
571.07	7.13	604.43	6.88	637.67	6.60	670.78	6.25
571.67	7.13	605.04	6.89	638.27	6.58	671.38	6.24
572.28	7.14	605.64	6.88	638.88	6.58	671.98	6.23
572.89	7.12	606.25	6.88	639.48	6.55	672.58	6.22
573.50	7.12	606.86	6.88	640.08	6.54	673.18	6.20
574.10	7.10	607.46	6.87	640.69	6.53	673.78	6.23
574.71	7.09	608.07	6.87	641.29	6.51	674.38	6.21
575.32	7.08	608.67	6.86	641.89	6.51	674.98	6.21
575.93	7.08	609.28	6.87	642.50	6.50	675.58	6.21
576.53	7.08	609.88	6.85	643.10	6.50	676.18	6.21
577.14	7.09	610.49	6.85	643.70	6.49	676.78	6.21

Depth(m)	Temp(C)	Depth(m)	Temp(C)	Depth(m)	Temp(C)
677.38	6.22	710.33	5.97	743.15	5.81
677.98	6.20	710.93	5.97	743.75	5.80
678.58	6.20	711.53	5.97	744.35	5.82
679.18	6.20	712.13	5.98	744.94	5.81
679.79	6.19	712.73	5.97	745.54	5.80
680.39	6.18	713.32	5.96	746.13	5.80
680.99	6.17	713.92	5.96	746.73	5.80
681.59	6.17	714.52	5.96	747.32	5.80
682.19	6.18	715.12	5.96	747.92	5.80
682.79	6.16	715.71	5.96	748.51	5.80
683.38	6.16	716.31	5.94	749.11	5.79
683.98	6.15	716.91	5.93	749.70	5.79
684.58	6.17	717.51	5.94	750.30	5.79
685.18	6.16	718.10	5.92	750.89	5.79
685.78	6.16	718.70	5.92	751.49	5.79
686.38	6.16	719.30	5.93	752.08	5.78
686.98	6.16	719.90	5.93	752.68	5.79
687.58	6.15	720.49	5.93	753.27	5.77
688.18	6.15	721.09	5.92	753.87	5.78
688.78	6.15	721.69	5.91	754.46	5.77
689.38	6.14	722.28	5.91	755.06	5.77
689.98	6.15	722.88	5.91	755.65	5.77
690.58	6.14	723.48	5.90	756.25	5.77
691.18	6.14	724.08	5.90	756.84	5.76
691.78	6.11	724.67	5.90	757.43	5.78
692.38	6.10	725.27	5.90	758.03	5.77
692.98	6.10	725.87	5.91	758.62	5.76
693.58	6.10	726.46	5.89	759.22	5.75
694.18	6.11	727.06	5.89	759.81	5.75
694.77	6.09	727.66	5.89	760.41	-2.20
695.37	6.08	728.25	5.88		
695.97	6.07	728.85	5.87		
696.57	6.08	729.45	5.86		
697.17	6.07	730.04	5.86		
697.77	6.06	730.64	5.86		
698.37	6.07	731.23	5.86		
698.97	6.06	731.83	5.87		
699.57	6.06	732.43	5.86		
700.16	6.05	733.02	5.86		
700.76	6.05	733.62	5.86		
701.36	6.04	734.22	5.85		
701.96	6.05	734.81	5.85		
702.56	6.04	735.41	5.84		
703.16	6.05	736.00	5.84		
703.76	6.03	736.60	5.84		
704.35	6.03	737.20	5.83		
704.95	6.03	737.79	5.83		
705.55	6.02	738.39	5.84		
706.15	6.02	738.98	5.83		
706.75	6.03	739.58	5.82		
707.34	6.01	740.18	5.82		
707.94	6.01	740.77	5.81		
708.54	5.99	741.37	5.81		
709.14	5.98	741.96	5.81		
709.74	5.98	742.56	5.82		
710.33	5.97	743.15	5.81		

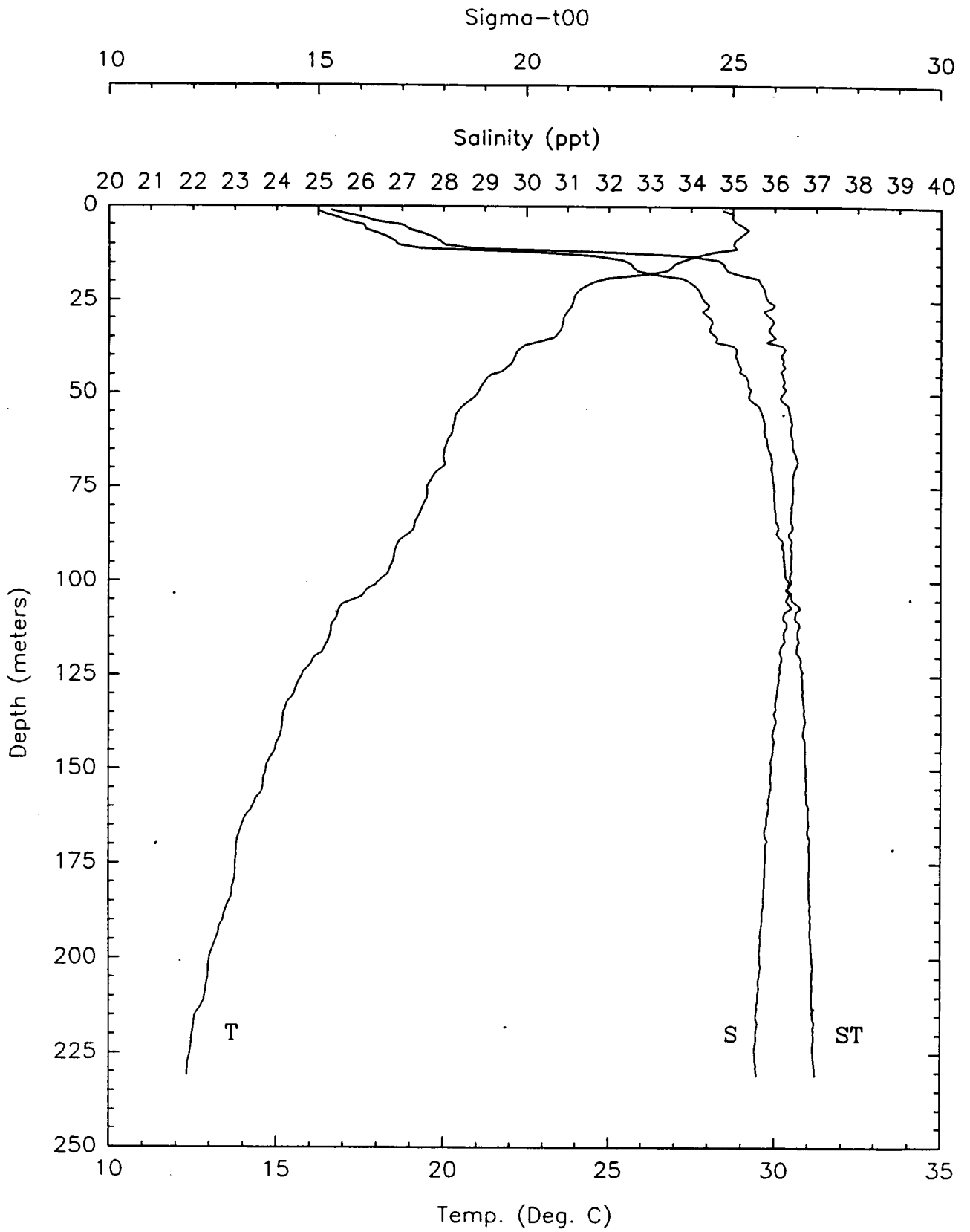
CTD Data: Gyre cruise 93G-10



Cruise: 93G10
 Date: 09/10/93
 Time: 02:45:00 GMT
 Lat.: 29 07.834 N
 Lon.: 88 29.394 W
 Stn.: 1

Meters	Temp(c)	Sal.(ppt)	Sigma-th	Sound Vel.					
1.000	28.442	25.300	14.982	1532.16	67.000	20.004	36.522	25.927	1524.34
2.000	28.769	25.652	15.140	1533.28	68.000	20.031	36.557	25.946	1524.47
3.000	28.719	26.074	15.472	1533.62	69.000	20.058	36.553	25.936	1524.55
4.000	28.796	26.368	15.667	1534.12	70.000	19.923	36.490	25.924	1524.12
5.000	29.031	27.032	16.088	1535.34	71.000	19.772	36.472	25.950	1523.70
6.000	29.227	27.186	16.139	1535.95	72.000	19.684	36.452	25.958	1523.46
7.000	29.087	27.497	16.417	1535.99	73.000	19.639	36.441	25.962	1523.33
8.000	28.927	27.759	16.665	1535.92	74.000	19.567	36.439	25.979	1523.15
9.000	28.808	27.923	16.826	1535.85	75.000	19.507	36.445	25.999	1523.00
10.000	28.780	28.018	16.906	1535.90	76.000	19.514	36.455	26.005	1523.05
11.000	28.866	28.792	17.458	1536.92	77.000	19.514	36.440	25.994	1523.05
12.000	28.146	32.031	20.121	1538.74	78.000	19.507	36.442	25.997	1523.05
13.000	27.707	33.893	21.661	1539.75	79.000	19.414	36.431	26.013	1522.79
14.000	27.320	34.660	22.362	1539.71	80.000	19.374	36.409	26.007	1522.67
15.000	27.020	34.781	22.550	1539.18	81.000	19.331	36.412	26.020	1522.58
16.000	26.931	34.819	22.607	1539.03	82.000	19.290	36.416	26.034	1522.48
17.000	26.774	34.885	22.707	1538.76	83.000	19.237	36.392	26.029	1522.32
18.000	26.069	35.200	23.166	1537.48	84.000	19.171	36.387	26.043	1522.15
19.000	24.965	35.605	23.813	1535.32	85.000	19.132	36.438	26.092	1522.11
20.000	24.563	35.653	23.971	1534.41	86.000	19.118	36.437	26.095	1522.09
21.000	24.297	35.725	24.105	1533.86	87.000	19.015	36.345	26.051	1521.71
22.000	24.127	35.772	24.191	1533.51	88.000	18.838	36.353	26.103	1521.23
23.000	24.013	35.777	24.229	1533.25	89.000	18.705	36.430	26.195	1520.96
24.000	23.967	35.796	24.257	1533.17	90.000	18.619	36.396	26.192	1520.69
25.000	23.933	35.856	24.313	1533.16	91.000	18.584	36.383	26.190	1520.59
26.000	23.906	36.003	24.433	1533.28	92.000	18.534	36.421	26.232	1520.51
27.000	23.861	35.946	24.403	1533.12	93.000	18.524	36.408	26.225	1520.48
28.000	23.770	35.739	24.273	1532.69	94.000	18.509	36.407	26.228	1520.45
29.000	23.681	35.823	24.363	1532.57	95.000	18.465	36.412	26.243	1520.35
30.000	23.628	35.951	24.475	1532.60	96.000	18.408	36.392	26.242	1520.18
31.000	23.621	35.986	24.504	1532.63	97.000	18.373	36.418	26.271	1520.12
33.000	23.555	35.860	24.428	1532.37	98.000	18.333	36.382	26.253	1519.99
35.000	23.338	36.027	24.618	1532.03	99.000	18.179	36.362	26.277	1519.53
36.000	22.876	35.811	24.589	1530.65	100.000	18.064	36.430	26.357	1519.30
37.000	22.471	36.178	24.983	1530.03	101.000	17.956	36.369	26.337	1518.93
38.000	22.308	36.250	25.085	1529.70	102.000	17.725	36.265	26.315	1518.15
39.000	22.214	36.215	25.085	1529.44	103.000	17.643	36.359	26.407	1518.03
40.000	22.165	36.150	25.049	1529.25	104.000	17.562	36.321	26.398	1517.77
41.000	22.120	36.218	25.114	1529.23	105.000	17.289	36.275	26.429	1516.93
42.000	22.061	36.202	25.118	1529.07	106.000	16.987	36.341	26.552	1516.12
43.000	21.908	36.251	25.199	1528.74	107.000	16.898	36.407	26.624	1515.95
44.000	21.767	36.148	25.160	1528.28	108.000	16.852	36.244	26.510	1515.64
45.000	21.433	36.208	25.298	1527.48	109.000	16.824	36.220	26.499	1515.55
46.000	21.309	36.207	25.332	1527.17	110.000	16.794	36.208	26.497	1515.46
47.000	21.227	36.246	25.385	1527.01	111.000	16.701	36.299	26.588	1515.30
48.000	21.169	36.194	25.361	1526.81	112.000	16.633	36.296	26.603	1515.11
49.000	21.095	36.273	25.442	1526.72	113.000	16.633	36.247	26.565	1515.07
50.000	21.032	36.192	25.397	1526.48	114.000	16.620	36.222	26.549	1515.02
51.000	20.924	36.136	25.384	1526.14	115.000	16.589	36.233	26.564	1514.95
52.000	20.770	36.200	25.475	1525.82	116.000	16.548	36.254	26.591	1514.87
53.000	20.631	36.327	25.610	1525.59	117.000	16.484	36.175	26.544	1514.60
54.000	20.510	36.341	25.653	1525.30	119.000	16.368	36.124	26.532	1514.22
56.000	20.360	36.375	25.719	1524.97	120.000	16.168	36.170	26.614	1513.69
57.000	20.354	36.398	25.738	1524.99	121.000	16.088	36.174	26.636	1513.46
58.000	20.326	36.427	25.768	1524.96	122.000	16.041	36.143	26.623	1513.30
59.000	20.288	36.406	25.762	1524.85	123.000	15.933	36.134	26.641	1512.97
60.000	20.280	36.389	25.751	1524.82	124.000	15.807	36.146	26.680	1512.62
61.000	20.247	36.399	25.768	1524.77	125.000	15.777	36.100	26.651	1512.48
62.000	20.159	36.439	25.822	1524.58	126.000	15.711	36.113	26.676	1512.32
63.000	20.119	36.431	25.827	1524.48	127.000	15.651	36.093	26.675	1512.13
64.000	20.076	36.439	25.845	1524.39	128.000	15.612	36.087	26.678	1512.01
65.000	20.033	36.456	25.868	1524.31	129.000	15.563	36.075	26.681	1511.86
66.000	20.022	36.508	25.911	1524.35	130.000	15.525	36.060	26.677	1511.74
					131.000	15.450	36.046	26.684	1511.51
					132.000	15.335	36.029	26.697	1511.15
					133.000	15.296	36.031	26.707	1511.05
					134.000	15.267	36.035	26.716	1510.98
					135.000	15.212	35.999	26.701	1510.78
					137.000	15.196	36.051	26.744	1510.82
					139.000	15.172	35.992	26.704	1510.72
					140.000	15.150	35.972	26.694	1510.64
					141.000	15.120	35.955	26.688	1510.54

142.000	15.078	35.991	26.725	1510.46	217.000	12.527	35.606	26.964	1502.97
143.000	15.014	35.998	26.744	1510.29	218.000	12.524	35.584	26.947	1502.95
144.000	14.986	35.967	26.727	1510.18	219.000	12.504	35.578	26.947	1502.89
145.000	14.964	35.972	26.736	1510.14	220.000	12.477	35.566	26.942	1502.80
146.000	14.896	35.959	26.740	1509.92	221.000	12.465	35.576	26.952	1502.79
147.000	14.834	35.938	26.738	1509.72	222.000	12.458	35.563	26.944	1502.77
148.000	14.773	35.915	26.734	1509.51	223.000	12.450	35.553	26.938	1502.74
149.000	14.719	35.930	26.757	1509.38	224.000	12.439	35.529	26.921	1502.70
150.000	14.705	35.940	26.768	1509.36	225.000	12.417	35.545	26.938	1502.65
151.000	14.682	35.927	26.763	1509.29	226.000	12.395	35.547	26.944	1502.60
152.000	14.630	35.900	26.753	1509.11	227.000	12.367	35.544	26.947	1502.52
153.000	14.620	35.909	26.763	1509.11	228.000	12.353	35.570	26.970	1502.52
154.000	14.612	35.923	26.775	1509.11	229.000	12.344	35.562	26.965	1502.50
155.000	14.601	35.925	26.779	1509.10	230.000	12.333	35.574	26.977	1502.49
156.000	14.575	35.888	26.756	1508.99	231.000	12.328	35.579	26.982	1502.50
157.000	14.491	35.895	26.779	1508.74					
158.000	14.392	35.857	26.772	1508.40					
159.000	14.358	35.855	26.777	1508.31					
160.000	14.282	35.883	26.815	1508.11					
161.000	14.242	35.863	26.808	1507.98					
162.000	14.137	35.841	26.814	1507.63					
163.000	14.062	35.814	26.809	1507.37					
164.000	14.019	35.821	26.824	1507.26					
165.000	13.975	35.817	26.830	1507.13					
166.000	13.928	35.769	26.802	1506.93					
167.000	13.903	35.763	26.803	1506.86					
168.000	13.868	35.793	26.834	1506.80					
169.000	13.838	35.830	26.869	1506.76					
170.000	13.826	35.784	26.836	1506.69					
171.000	13.812	35.781	26.836	1506.66					
172.000	13.805	35.790	26.845	1506.66					
173.000	13.806	35.796	26.850	1506.69					
174.000	13.798	35.791	26.847	1506.67					
175.000	13.786	35.778	26.840	1506.64					
177.000	13.781	35.780	26.842	1506.65					
178.000	13.777	35.774	26.838	1506.65					
179.000	13.763	35.766	26.836	1506.61					
180.000	13.740	35.767	26.841	1506.56					
181.000	13.699	35.763	26.847	1506.43					
182.000	13.683	35.760	26.847	1506.39					
183.000	13.680	35.755	26.844	1506.40					
184.000	13.658	35.744	26.840	1506.33					
185.000	13.599	35.747	26.855	1506.16					
186.000	13.539	35.753	26.872	1505.98					
187.000	13.496	35.721	26.856	1505.82					
188.000	13.453	35.714	26.860	1505.69					
189.000	13.428	35.723	26.872	1505.63					
190.000	13.414	35.711	26.866	1505.59					
191.000	13.344	35.707	26.877	1505.37					
192.000	13.288	35.687	26.873	1505.18					
193.000	13.277	35.672	26.864	1505.14					
194.000	13.243	35.665	26.865	1505.04					
195.000	13.194	35.674	26.882	1504.91					
197.000	13.106	35.661	26.890	1504.63					
198.000	13.075	35.657	26.893	1504.54					
199.000	13.031	35.655	26.901	1504.41					
200.000	12.997	35.664	26.914	1504.32					
201.000	12.979	35.652	26.909	1504.27					
202.000	12.957	35.681	26.936	1504.25					
203.000	12.965	35.660	26.918	1504.26					
204.000	12.961	35.652	26.912	1504.26					
205.000	12.951	35.645	26.909	1504.23					
206.000	12.934	35.624	26.896	1504.17					
207.000	12.903	35.633	26.910	1504.09					
208.000	12.888	35.642	26.919	1504.07					
209.000	12.879	35.619	26.903	1504.03					
211.000	12.832	35.617	26.911	1503.90					
212.000	12.771	35.589	26.902	1503.68					
213.000	12.710	35.596	26.920	1503.51					
214.000	12.636	35.583	26.924	1503.26					
215.000	12.555	35.561	26.923	1502.98					
216.000	12.540	35.568	26.931	1502.95					

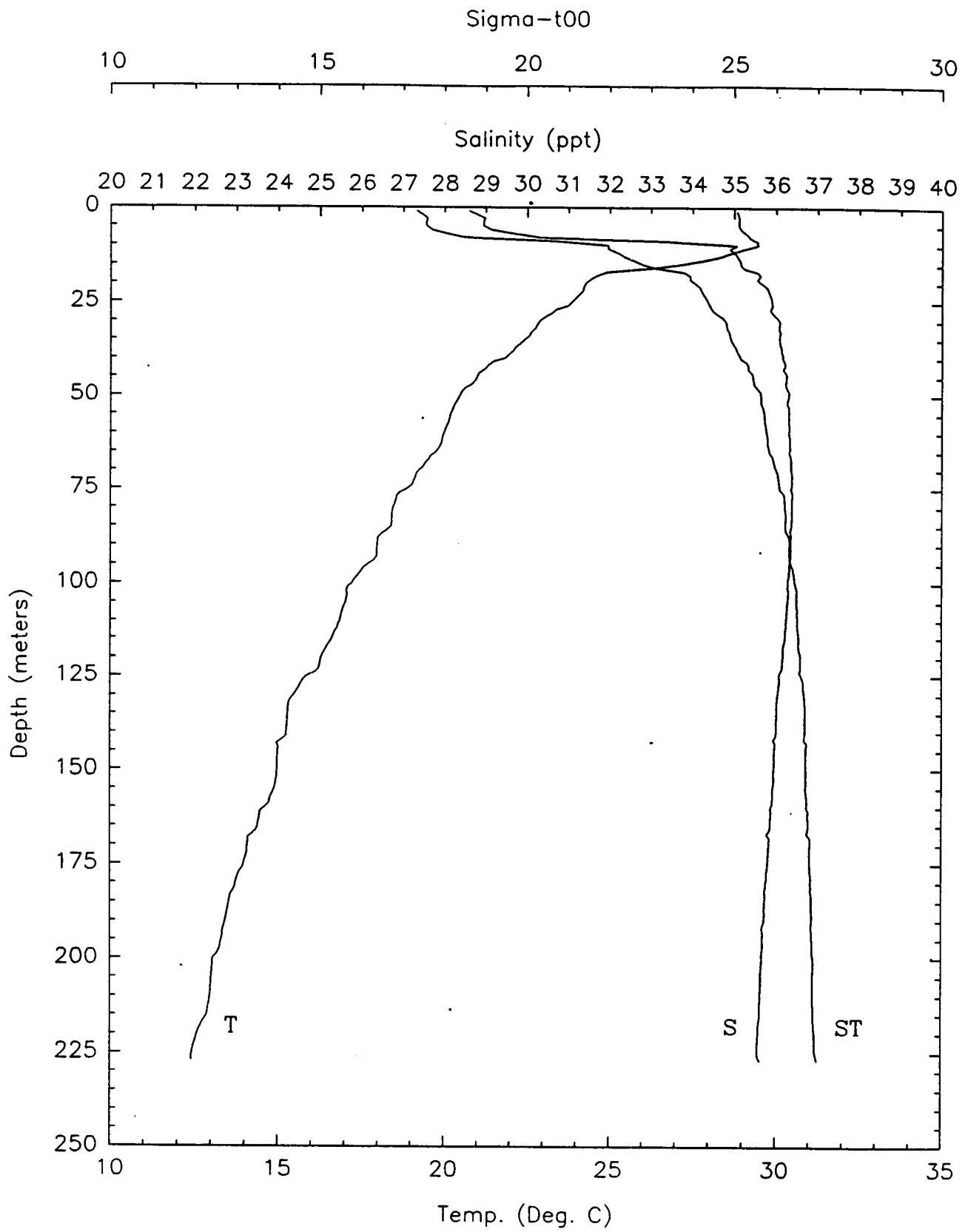


Station: 1
Cruise: 93G10

Cruise: 93G10
 Date: 09/11/93
 Time: 02:25:00 GMT
 Lat.: 29 07.337 N
 Lon.: 88 29.327 W
 Stn.: 2

Meters	Temp(c)	Sal.(ppt)	Sigma-th	Sound Vel.	68.000	19.414	36.363	25.961	1522.55
1.000	28.829	28.601	17.327	1536.49	69.000	19.362	36.369	25.979	1522.43
2.000	28.877	28.810	17.468	1536.83	70.000	19.236	36.371	26.013	1522.09
3.000	28.892	28.973	17.585	1537.05	71.000	19.155	36.390	26.049	1521.90
4.000	28.886	28.938	17.560	1537.02	72.000	19.123	36.395	26.061	1521.84
5.000	28.890	28.943	17.563	1537.05	73.000	19.072	36.390	26.070	1521.70
6.000	28.965	29.162	17.702	1537.46	74.000	19.023	36.387	26.081	1521.58
7.000	29.132	29.714	18.061	1538.42	75.000	18.873	36.363	26.101	1521.14
8.000	29.223	30.339	18.499	1539.28	76.000	18.650	36.399	26.185	1520.56
9.000	29.440	33.389	20.711	1542.94	77.000	18.558	36.403	26.211	1520.32
10.000	29.458	35.060	21.958	1544.74	78.000	18.540	36.394	26.210	1520.28
11.000	29.040	34.891	21.972	1543.69	79.000	18.496	36.391	26.219	1520.16
12.000	28.655	35.018	22.196	1543.02	80.000	18.459	36.387	26.225	1520.07
13.000	28.342	35.072	22.340	1542.41	81.000	18.427	36.388	26.233	1520.00
14.000	27.748	35.147	22.591	1541.20	82.000	18.411	36.389	26.238	1519.97
15.000	27.096	35.154	22.806	1539.76	83.000	18.408	36.389	26.239	1519.97
16.000	26.240	35.247	23.147	1537.91	84.000	18.407	36.384	26.236	1519.99
17.000	24.923	35.558	23.791	1535.16	85.000	18.397	36.376	26.232	1519.97
18.000	24.607	35.630	23.940	1534.48	86.000	18.261	36.343	26.241	1519.55
19.000	24.414	35.548	23.936	1533.93	87.000	18.083	36.361	26.299	1519.07
20.000	24.282	35.670	24.067	1533.76	88.000	17.994	36.371	26.329	1518.84
21.000	24.212	35.789	24.178	1533.73	90.000	17.972	36.368	26.333	1518.80
22.000	24.197	35.828	24.213	1533.76	91.000	17.967	36.367	26.333	1518.81
24.000	23.970	35.887	24.326	1533.29	92.000	17.965	36.364	26.331	1518.82
26.000	23.741	35.920	24.418	1532.79	93.000	17.961	36.362	26.330	1518.82
27.000	23.385	35.854	24.473	1531.85	94.000	17.855	36.339	26.340	1518.50
28.000	23.243	35.935	24.575	1531.59	95.000	17.675	36.339	26.384	1517.99
29.000	23.042	36.032	24.707	1531.21	96.000	17.552	36.333	26.410	1517.64
30.000	22.874	36.099	24.807	1530.87	97.000	17.471	36.327	26.424	1517.41
32.000	22.750	36.077	24.827	1530.57	98.000	17.372	36.320	26.443	1517.13
33.000	22.637	36.107	24.882	1530.32	99.000	17.275	36.293	26.446	1516.83
34.000	22.572	36.090	24.888	1530.16	100.000	17.208	36.299	26.467	1516.65
35.000	22.436	36.089	24.926	1529.82	101.000	17.079	36.292	26.493	1516.27
36.000	22.298	36.101	24.974	1529.49	102.000	17.044	36.311	26.516	1516.21
37.000	22.161	36.131	25.036	1529.19	103.000	17.058	36.300	26.504	1516.25
38.000	22.076	36.131	25.060	1528.98	104.000	17.043	36.297	26.505	1516.22
39.000	21.955	36.168	25.122	1528.73	105.000	17.027	36.285	26.500	1516.18
40.000	21.840	36.169	25.156	1528.44	106.000	16.972	36.273	26.504	1516.02
41.000	21.471	36.214	25.292	1527.54	107.000	16.918	36.277	26.520	1515.88
42.000	21.336	36.224	25.337	1527.21	108.000	16.898	36.268	26.518	1515.82
43.000	21.228	36.176	25.331	1526.88	109.000	16.869	36.268	26.525	1515.76
44.000	21.047	36.250	25.437	1526.50	110.000	16.846	36.260	26.524	1515.69
45.000	20.999	36.248	25.448	1526.38	111.000	16.800	36.250	26.528	1515.56
46.000	20.933	36.245	25.465	1526.22	112.000	16.762	36.239	26.528	1515.45
47.000	20.823	36.233	25.485	1525.93	113.000	16.691	36.232	26.539	1515.24
48.000	20.624	36.266	25.565	1525.44	115.000	16.614	36.230	26.556	1515.04
49.000	20.518	36.310	25.627	1525.22	116.000	16.551	36.205	26.552	1514.84
50.000	20.472	36.311	25.640	1525.11	117.000	16.472	36.180	26.551	1514.59
51.000	20.410	36.287	25.638	1524.93	118.000	16.415	36.178	26.563	1514.43
52.000	20.337	36.267	25.642	1524.73	119.000	16.336	36.186	26.588	1514.22
53.000	20.283	36.306	25.687	1524.64	120.000	16.291	36.175	26.590	1514.08
54.000	20.236	36.314	25.706	1524.54	121.000	16.259	36.167	26.591	1513.99
55.000	20.180	36.311	25.718	1524.40	122.000	16.242	36.160	26.590	1513.95
57.000	20.128	36.316	25.736	1524.30	123.000	16.213	36.152	26.590	1513.87
58.000	20.071	36.321	25.756	1524.16	124.000	16.115	36.094	26.568	1513.52
59.000	20.026	36.325	25.770	1524.06	125.000	15.854	36.085	26.622	1512.72
60.000	19.983	36.315	25.774	1523.94	126.000	15.745	36.099	26.657	1512.42
61.000	19.943	36.332	25.798	1523.87	127.000	15.684	36.082	26.658	1512.23
62.000	19.936	36.330	25.798	1523.87	128.000	15.623	36.072	26.665	1512.04
63.000	19.902	36.329	25.806	1523.79	129.000	15.550	36.060	26.672	1511.82
64.000	19.829	36.347	25.839	1523.62	130.000	15.472	36.051	26.683	1511.59
65.000	19.748	36.328	25.847	1523.39	131.000	15.385	36.036	26.691	1511.32
66.000	19.587	36.359	25.913	1523.00	132.000	15.323	36.027	26.697	1511.12
67.000	19.515	36.372	25.941	1522.83	133.000	15.302	36.030	26.705	1511.08
					134.000	15.293	36.032	26.708	1511.08
					135.000	15.290	36.027	26.705	1511.07
					136.000	15.281	36.024	26.705	1511.06
					137.000	15.276	36.020	26.703	1511.05
					139.000	15.260	36.014	26.702	1511.03
					140.000	15.257	36.011	26.701	1511.03
					141.000	15.252	36.001	26.694	1511.03
					142.000	15.131	35.953	26.684	1510.60

143.000	14.974	35.994	26.750	1510.18	215.000	12.890	35.628	26.909	1504.11
144.000	15.005	35.980	26.733	1510.28	216.000	12.808	35.615	26.915	1503.91
145.000	14.999	35.975	26.730	1510.27	217.000	12.729	35.606	26.924	1503.61
146.000	14.995	35.971	26.728	1510.27	218.000	12.686	35.596	26.924	1503.51
147.000	14.989	35.969	26.728	1510.26	219.000	12.633	35.595	26.934	1503.31
148.000	14.985	35.968	26.728	1510.26	220.000	12.589	35.593	26.942	1503.21
149.000	14.980	35.967	26.729	1510.26	221.000	12.564	35.587	26.942	1503.11
150.000	14.978	35.964	26.726	1510.27	222.000	12.535	35.581	26.942	1503.01
151.000	14.974	35.961	26.725	1510.27	223.000	12.486	35.575	26.948	1502.91
152.000	14.962	35.958	26.726	1510.25	224.000	12.461	35.572	26.950	1502.81
153.000	14.946	35.954	26.726	1510.21	225.000	12.429	35.578	26.961	1502.71
154.000	14.925	35.951	26.728	1510.16	226.000	12.415	35.590	26.974	1502.71
155.000	14.896	35.938	26.724	1510.07	227.000	12.416	35.630	27.004	1502.81
156.000	14.856	35.927	26.725	1509.94					
157.000	14.795	35.933	26.743	1509.77					
158.000	14.754	35.928	26.748	1509.65					
159.000	14.735	35.925	26.750	1509.61					
160.000	14.618	35.876	26.737	1509.19					
161.000	14.468	35.896	26.786	1508.76					
162.000	14.460	35.887	26.781	1508.74					
163.000	14.440	35.881	26.780	1508.68					
164.000	14.416	35.881	26.785	1508.62					
165.000	14.395	35.877	26.787	1508.56					
166.000	14.366	35.859	26.779	1508.47					
167.000	14.239	35.789	26.753	1507.99					
168.000	14.099	35.857	26.835	1507.65					
169.000	14.108	35.850	26.828	1507.68					
170.000	14.092	35.846	26.828	1507.64					
171.000	14.083	35.839	26.824	1507.62					
172.000	14.077	35.836	26.823	1507.61					
173.000	14.053	35.821	26.817	1507.53					
174.000	14.011	35.822	26.827	1507.42					
175.000	13.981	35.809	26.823	1507.32					
176.000	13.944	35.811	26.832	1507.22					
177.000	13.853	35.792	26.837	1506.92					
178.000	13.809	35.792	26.846	1506.79					
179.000	13.764	35.785	26.850	1506.65					
180.000	13.733	35.772	26.846	1506.56					
181.000	13.702	35.772	26.853	1506.47					
182.000	13.660	35.744	26.840	1506.32					
183.000	13.583	35.757	26.867	1506.10					
184.000	13.565	35.751	26.865	1506.05					
185.000	13.537	35.743	26.865	1505.96					
186.000	13.530	35.739	26.863	1505.95					
187.000	13.491	35.737	26.870	1505.84					
188.000	13.461	35.738	26.877	1505.76					
189.000	13.446	35.735	26.878	1505.72					
190.000	13.420	35.734	26.882	1505.65					
191.000	13.401	35.703	26.862	1505.57					
192.000	13.373	35.678	26.849	1505.46					
193.000	13.340	35.702	26.874	1505.40					
194.000	13.333	35.696	26.871	1505.39					
195.000	13.312	35.694	26.874	1505.34					
196.000	13.289	35.702	26.884	1505.28					
197.000	13.269	35.698	26.886	1505.23					
198.000	13.230	35.685	26.884	1505.10					
199.000	13.165	35.672	26.887	1504.89					
200.000	13.053	35.680	26.915	1504.55					
201.000	13.037	35.671	26.912	1504.50					
202.000	13.035	35.667	26.909	1504.50					
203.000	13.026	35.663	26.908	1504.49					
204.000	13.021	35.658	26.905	1504.48					
205.000	13.014	35.654	26.903	1504.47					
206.000	13.003	35.651	26.903	1504.45					
207.000	12.995	35.650	26.904	1504.43					
208.000	12.990	35.649	26.904	1504.44					
209.000	12.987	35.648	26.904	1504.44					
210.000	12.975	35.642	26.902	1504.41					
211.000	12.958	35.638	26.903	1504.36					
212.000	12.939	35.634	26.903	1504.31					
213.000	12.919	35.632	26.906	1504.26					
214.000	12.905	35.631	26.908	1504.23					

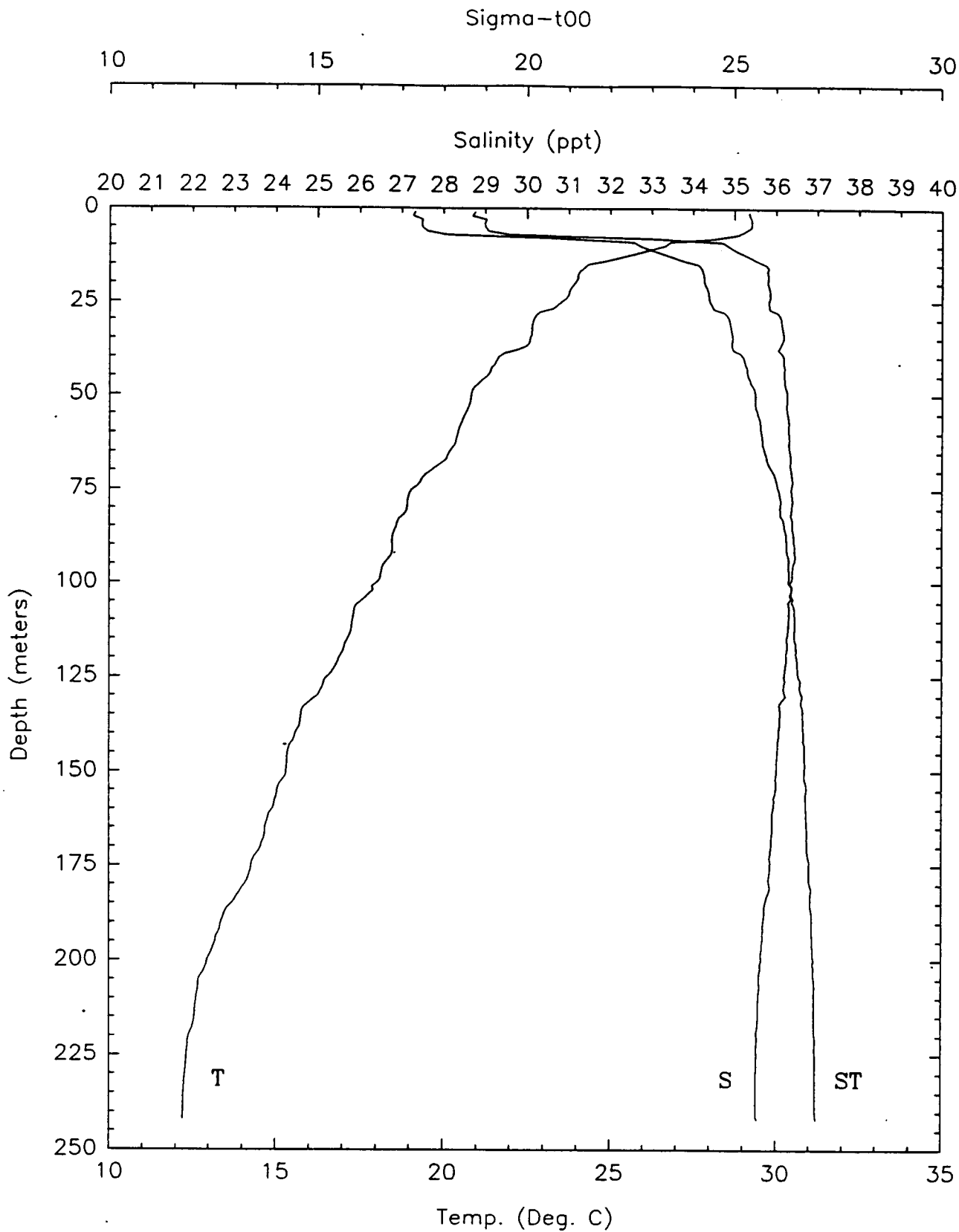


Station: 2
Cruise: 93G10

Cruise: 93G10
 Date: 09/12/93
 Time: 06:09:00 GMT
 Lat.: 29 07.269 N
 Lon.: 88 31.123 W
 Stn.: 3

Meters	Temp(c)	Sal.(ppt)	Sigma-th	Sound Vel.					
1.000	29.186	28.755	17.325	1537.43	65.000	20.185	36.332	25.733	1524.61
2.000	29.214	28.694	17.270	1537.44	66.000	20.133	36.355	25.765	1524.5
3.000	29.267	29.029	17.503	1537.92	67.000	20.080	36.355	25.779	1524.3
4.000	29.265	28.991	17.476	1537.89	68.000	19.936	36.345	25.810	1523.9
5.000	29.252	28.998	17.486	1537.89	69.000	19.780	36.348	25.853	1523.5
6.000	29.064	29.072	17.602	1537.58	70.000	19.627	36.366	25.908	1523.1
7.000	28.842	29.621	18.086	1537.68	71.000	19.473	36.377	25.956	1522.7
8.000	28.107	32.939	20.814	1539.56	72.000	19.363	36.392	25.997	1522.5
9.000	26.803	34.714	22.569	1538.53	73.000	19.322	36.401	26.014	1522.4
10.000	26.656	34.849	22.716	1538.35	74.000	19.221	36.379	26.023	1522.1
11.000	26.244	34.991	22.953	1537.56	75.000	19.060	36.373	26.060	1521.6
12.000	25.822	35.179	23.227	1536.79	76.000	18.995	36.378	26.081	1521.5
13.000	25.387	35.370	23.505	1535.99	77.000	18.965	36.393	26.100	1521.4
14.000	24.890	35.551	23.794	1535.01	78.000	18.940	36.403	26.115	1521.4
15.000	24.320	35.755	24.120	1533.86	79.000	18.937	36.389	26.104	1521.4
16.000	24.211	35.826	24.207	1533.69	80.000	18.922	36.375	26.097	1521.3
17.000	24.079	35.792	24.220	1533.34	81.000	18.898	36.373	26.103	1521.3
18.000	24.028	35.816	24.254	1533.26	82.000	18.801	36.352	26.111	1521.0
19.000	24.024	35.817	24.256	1533.27	83.000	18.665	36.393	26.177	1520.7
20.000	23.945	35.805	24.271	1533.08	84.000	18.629	36.386	26.181	1520.6
21.000	23.836	35.837	24.327	1532.86	85.000	18.595	36.389	26.192	1520.5
22.000	23.774	35.864	24.366	1532.75	86.000	18.537	36.406	26.220	1520.4
23.000	23.751	35.857	24.367	1532.70	87.000	18.498	36.418	26.239	1520.3
24.000	23.683	35.857	24.388	1532.55	88.000	18.477	36.422	26.247	1520.3
25.000	23.544	35.826	24.406	1532.18	89.000	18.476	36.430	26.253	1520.3
27.000	23.292	35.846	24.494	1531.60	90.000	18.486	36.442	26.260	1520.3
28.000	22.896	36.032	24.750	1530.82	91.000	18.488	36.442	26.260	1520.4
29.000	22.771	36.091	24.831	1530.58	92.000	18.466	36.446	26.269	1520.3
30.000	22.701	36.124	24.876	1530.45	93.000	18.430	36.466	26.294	1520.2
31.000	22.679	36.130	24.887	1530.43	94.000	18.308	36.450	26.311	1519.9
32.000	22.656	36.148	24.907	1530.40	95.000	18.234	36.412	26.301	1519.7
33.000	22.648	36.160	24.919	1530.41	96.000	18.177	36.397	26.303	1519.5
34.000	22.642	36.182	24.938	1530.44	97.000	18.154	36.391	26.305	1519.4
35.000	22.598	36.180	24.948	1530.34	98.000	18.130	36.391	26.311	1519.4
36.000	22.572	36.136	24.923	1530.24	99.000	18.118	36.395	26.317	1519.4
37.000	22.497	36.110	24.924	1530.04	100.000	18.036	36.338	26.294	1519.1
38.000	22.228	36.052	24.957	1529.29	101.000	17.874	36.394	26.377	1518.7
39.000	21.825	36.135	25.133	1528.35	102.000	17.901	36.382	26.362	1518.8
40.000	21.663	36.182	25.214	1527.99	103.000	17.771	36.329	26.353	1518.3
41.000	21.608	36.186	25.233	1527.87	104.000	17.670	36.368	26.407	1518.1
42.000	21.539	36.187	25.253	1527.70	105.000	17.539	36.292	26.381	1517.7
43.000	21.429	36.211	25.302	1527.46	106.000	17.387	36.307	26.430	1517.2
44.000	21.410	36.199	25.298	1527.41	107.000	17.352	36.320	26.449	1517.2
45.000	21.318	36.201	25.325	1527.18	108.000	17.335	36.306	26.442	1517.1
46.000	21.181	36.205	25.366	1526.84	110.000	17.291	36.307	26.454	1517.0
47.000	21.063	36.204	25.397	1526.54	111.000	17.275	36.303	26.454	1517.0
48.000	20.937	36.235	25.455	1526.25	112.000	17.262	36.300	26.456	1517.0
49.000	20.865	36.266	25.499	1526.11	113.000	17.243	36.289	26.451	1516.9
50.000	20.842	36.270	25.509	1526.07	114.000	17.205	36.277	26.451	1516.8
51.000	20.821	36.265	25.511	1526.02	115.000	17.155	36.255	26.446	1516.6
52.000	20.807	36.261	25.511	1526.00	116.000	17.080	36.279	26.483	1516.5
53.000	20.771	36.248	25.511	1525.90	117.000	17.055	36.277	26.487	1516.4
54.000	20.718	36.262	25.536	1525.79	118.000	17.019	36.271	26.492	1516.3
55.000	20.660	36.272	25.559	1525.66	119.000	16.970	36.247	26.485	1516.2
56.000	20.605	36.296	25.593	1525.56	120.000	16.898	36.254	26.507	1516.0
57.000	20.562	36.309	25.614	1525.47	121.000	16.861	36.254	26.517	1515.9
58.000	20.515	36.309	25.627	1525.36	122.000	16.816	36.233	26.511	1515.7
59.000	20.470	36.295	25.629	1525.24	123.000	16.728	36.220	26.521	1515.5
60.000	20.434	36.309	25.649	1525.18	124.000	16.653	36.206	26.529	1515.2
61.000	20.408	36.318	25.663	1525.13	125.000	16.535	36.194	26.548	1514.9
62.000	20.385	36.320	25.671	1525.09	126.000	16.445	36.220	26.589	1514.7
63.000	20.350	36.310	25.673	1525.00	127.000	16.424	36.200	26.579	1514.6
64.000	20.260	36.324	25.708	1524.79	128.000	16.388	36.182	26.573	1514.5
					129.000	16.335	36.198	26.597	1514.3
					130.000	16.258	36.231	26.641	1514.2
					131.000	16.109	36.158	26.620	1513.6
					132.000	15.952	36.089	26.603	1513.1
					133.000	15.831	36.100	26.639	1512.8
					134.000	15.781	36.104	26.653	1512.6
					135.000	15.767	36.102	26.655	1512.6
					136.000	15.744	36.097	26.657	1512.5
					137.000	15.739	36.099	26.659	1512.5

138.000	15.724	36.091	26.657	1512.55	212.000	12.605	35.587	26.934	1503.14
139.000	15.652	36.075	26.661	1512.32	213.000	12.594	35.589	26.937	1503.12
140.000	15.585	36.077	26.677	1512.13	214.000	12.588	35.585	26.935	1503.12
141.000	15.568	36.068	26.674	1512.08	215.000	12.580	35.581	26.934	1503.10
142.000	15.521	36.046	26.668	1511.94	216.000	12.565	35.577	26.934	1503.06
143.000	15.424	36.048	26.692	1511.65	217.000	12.535	35.570	26.934	1502.97
144.000	15.393	36.047	26.697	1511.57	218.000	12.502	35.558	26.932	1502.86
145.000	15.370	36.040	26.698	1511.51	219.000	12.449	35.543	26.930	1502.68
146.000	15.355	36.035	26.698	1511.47	220.000	12.400	35.548	26.944	1502.54
147.000	15.346	36.033	26.698	1511.45	221.000	12.376	35.557	26.955	1502.48
148.000	15.332	36.033	26.701	1511.42	222.000	12.371	35.556	26.955	1502.48
150.000	15.320	36.027	26.699	1511.41	223.000	12.361	35.545	26.949	1502.45
151.000	15.302	36.011	26.691	1511.36	224.000	12.348	35.544	26.951	1502.43
152.000	15.223	36.000	26.700	1511.11	225.000	12.338	35.549	26.957	1502.41
153.000	15.143	36.014	26.729	1510.90	226.000	12.329	35.541	26.952	1502.39
154.000	15.085	36.018	26.745	1510.74	227.000	12.314	35.540	26.955	1502.36
155.000	15.051	36.002	26.740	1510.63	229.000	12.300	35.537	26.955	1502.34
156.000	15.034	35.989	26.734	1510.58	230.000	12.294	35.533	26.953	1502.33
157.000	15.013	35.959	26.715	1510.49	231.000	12.279	35.531	26.954	1502.29
158.000	14.964	35.967	26.732	1510.36	232.000	12.269	35.531	26.956	1502.27
159.000	14.950	35.958	26.728	1510.32	233.000	12.261	35.527	26.955	1502.26
160.000	14.910	35.949	26.730	1510.20	234.000	12.254	35.528	26.957	1502.25
161.000	14.810	35.930	26.737	1509.88	235.000	12.243	35.523	26.955	1502.23
163.000	14.755	35.926	26.746	1509.74	236.000	12.236	35.524	26.957	1502.22
164.000	14.715	35.921	26.751	1509.62	237.000	12.235	35.524	26.958	1502.23
165.000	14.689	35.921	26.757	1509.56	238.000	12.235	35.523	26.957	1502.25
166.000	14.680	35.923	26.760	1509.55	239.000	12.235	35.524	26.957	1502.27
167.000	14.675	35.920	26.760	1509.54	240.000	12.231	35.524	26.959	1502.27
168.000	14.641	35.900	26.751	1509.43	241.000	12.221	35.530	26.965	1502.26
169.000	14.584	35.905	26.768	1509.27	242.000	12.224	35.553	26.983	1502.31
170.000	14.558	35.897	26.767	1509.19					
171.000	14.510	35.878	26.763	1509.04					
172.000	14.435	35.881	26.781	1508.81					
173.000	14.346	35.863	26.787	1508.53					
174.000	14.290	35.884	26.815	1508.39					
175.000	14.279	35.872	26.808	1508.35					
176.000	14.259	35.865	26.807	1508.30					
177.000	14.223	35.852	26.805	1508.19					
178.000	14.190	35.849	26.810	1508.09					
179.000	14.146	35.840	26.812	1507.96					
180.000	14.080	35.856	26.838	1507.78					
181.000	13.976	35.869	26.870	1507.48					
182.000	13.915	35.834	26.856	1507.25					
183.000	13.841	35.797	26.843	1506.98					
184.000	13.778	35.783	26.845	1506.78					
185.000	13.693	35.758	26.844	1506.49					
186.000	13.581	35.728	26.844	1506.11					
187.000	13.494	35.736	26.869	1505.85					
188.000	13.452	35.737	26.878	1505.73					
189.000	13.414	35.717	26.871	1505.60					
190.000	13.369	35.710	26.874	1505.46					
191.000	13.340	35.702	26.874	1505.38					
192.000	13.318	35.706	26.882	1505.32					
193.000	13.274	35.688	26.877	1505.17					
194.000	13.212	35.695	26.894	1504.99					
195.000	13.200	35.685	26.889	1504.95					
196.000	13.155	35.676	26.892	1504.81					
197.000	13.117	35.678	26.901	1504.70					
198.000	13.069	35.658	26.895	1504.54					
199.000	13.009	35.652	26.902	1504.35					
200.000	12.950	35.661	26.921	1504.18					
201.000	12.937	35.628	26.899	1504.11					
202.000	12.891	35.641	26.918	1503.99					
203.000	12.847	35.615	26.907	1503.83					
204.000	12.764	35.606	26.916	1503.56					
205.000	12.703	35.612	26.933	1503.38					
206.000	12.689	35.613	26.937	1503.35					
207.000	12.681	35.617	26.941	1503.34					
208.000	12.669	35.605	26.934	1503.31					
209.000	12.644	35.598	26.934	1503.23					
210.000	12.633	35.596	26.934	1503.21					
211.000	12.620	35.590	26.933	1503.18					

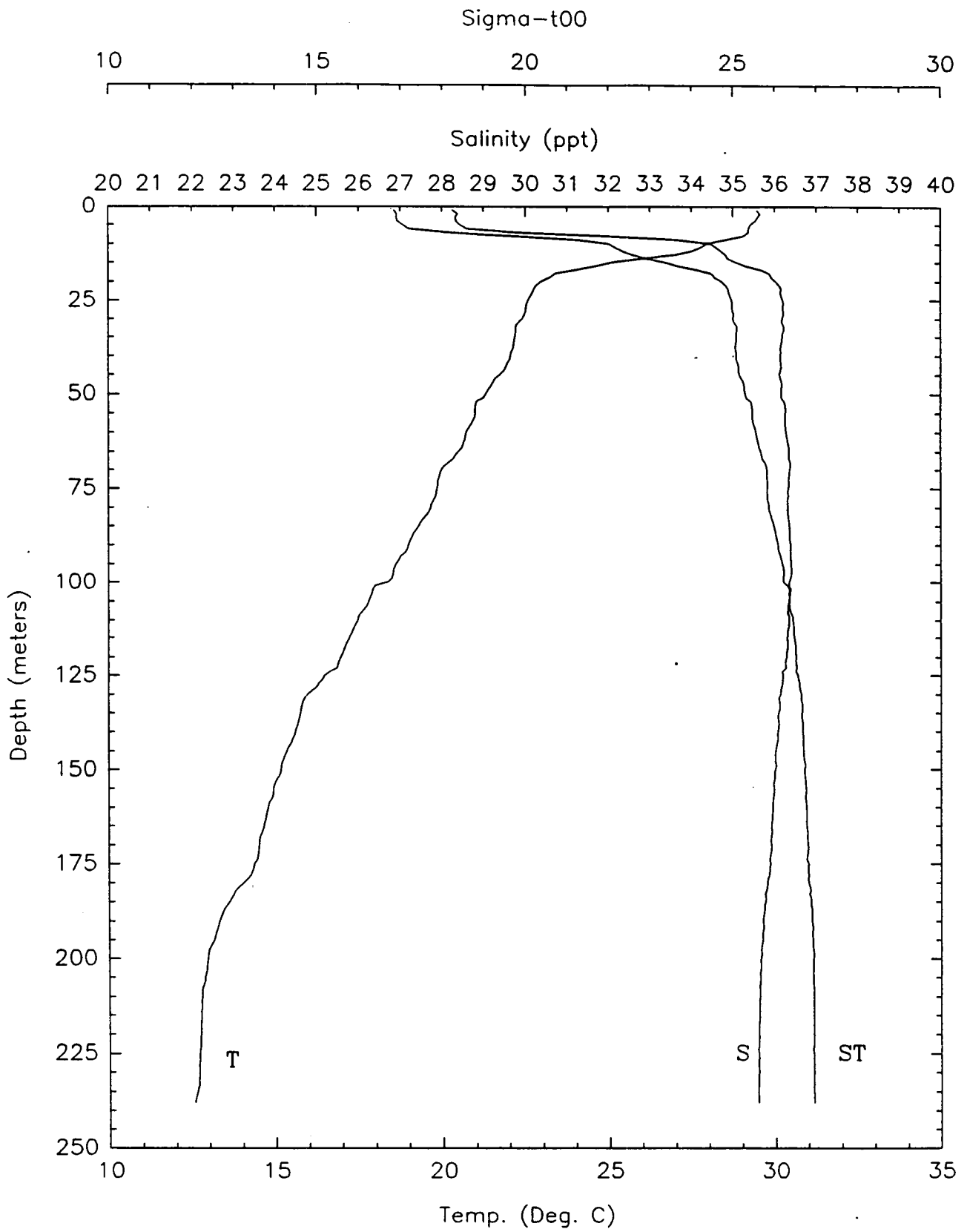


Station: 3
Cruise: 93G10

Cruise: 93G10
 Date: 09/13/93
 Time: 00:03:00 GMT
 Lat.: 29 07.226 N
 Lon.: 88 31.092 W
 Stn.: 4

Meters	Temp(c)	Sal.(ppt)	Sigma-th	Sound Vel.					
1.000	29.468	28.256	16.859	1537.53	67.000	20.346	36.347	25.702	1525.11
2.000	29.573	28.382	16.919	1537.91	68.000	20.205	36.376	25.762	1524.77
3.000	29.495	28.333	16.908	1537.71	69.000	20.067	36.374	25.798	1524.41
4.000	29.422	28.341	16.938	1537.58	70.000	19.985	36.361	25.809	1524.19
5.000	29.278	28.434	17.055	1537.38	71.000	19.948	36.351	25.812	1524.09
6.000	29.216	28.604	17.203	1537.44	72.000	19.912	36.342	25.814	1524.00
7.000	29.210	29.819	18.114	1538.71	73.000	19.870	36.337	25.822	1523.90
8.000	29.056	31.973	19.778	1540.64	74.000	19.875	36.340	25.823	1523.92
9.000	28.503	33.736	21.282	1541.30	75.000	19.859	36.329	25.819	1523.88
10.000	27.952	34.468	22.014	1540.89	76.000	19.827	36.307	25.810	1523.79
11.000	27.780	34.601	22.170	1540.66	77.000	19.809	36.333	25.835	1523.78
12.000	27.512	34.714	22.342	1540.20	78.000	19.754	36.307	25.829	1523.62
13.000	27.046	34.815	22.566	1539.27	79.000	19.692	36.313	25.851	1523.47
14.000	26.047	34.868	22.922	1537.04	80.000	19.656	36.318	25.864	1523.40
15.000	25.129	35.074	23.361	1535.11	81.000	19.613	36.306	25.866	1523.28
16.000	24.649	35.310	23.685	1534.21	82.000	19.547	36.325	25.897	1523.13
17.000	24.063	35.674	24.136	1533.19	83.000	19.449	36.334	25.930	1522.88
18.000	23.401	35.876	24.485	1531.78	84.000	19.367	36.346	25.961	1522.68
19.000	23.239	35.924	24.568	1531.44	85.000	19.305	36.358	25.986	1522.54
20.000	22.989	36.031	24.722	1530.94	86.000	19.228	36.358	26.006	1522.34
21.000	22.832	36.115	24.831	1530.65	87.000	19.143	36.364	26.033	1522.12
22.000	22.761	36.161	24.887	1530.54	88.000	19.090	36.359	26.043	1521.99
23.000	22.714	36.147	24.890	1530.42	89.000	19.038	36.372	26.066	1521.87
25.000	22.599	36.199	24.962	1530.21	90.000	19.000	36.385	26.086	1521.79
26.000	22.549	36.215	24.989	1530.11	91.000	18.969	36.379	26.089	1521.71
27.000	22.529	36.195	24.979	1530.06	92.000	18.905	36.377	26.104	1521.56
28.000	22.518	36.205	24.990	1530.06	93.000	18.774	36.384	26.143	1521.20
29.000	22.483	36.222	25.013	1530.01	94.000	18.693	36.387	26.166	1521.00
30.000	22.427	36.184	25.000	1529.84	95.000	18.626	36.389	26.184	1520.82
31.000	22.305	36.171	25.025	1529.52	96.000	18.564	36.397	26.206	1520.67
32.000	22.233	36.220	25.083	1529.41	97.000	18.535	36.405	26.220	1520.61
33.000	22.213	36.230	25.096	1529.38	98.000	18.524	36.404	26.222	1520.59
34.000	22.212	36.195	25.069	1529.36	99.000	18.495	36.381	26.212	1520.51
35.000	22.192	36.186	25.069	1529.31	100.000	18.387	36.346	26.212	1520.17
36.000	22.168	36.176	25.069	1529.26	101.000	17.997	36.340	26.306	1519.05
37.000	22.153	36.163	25.063	1529.22	102.000	17.911	36.389	26.364	1518.87
38.000	22.135	36.147	25.055	1529.17	103.000	17.908	36.365	26.347	1518.85
39.000	22.088	36.149	25.070	1529.07	104.000	17.853	36.359	26.355	1518.70
40.000	22.055	36.142	25.074	1528.99	105.000	17.801	36.342	26.356	1518.54
41.000	22.035	36.141	25.079	1528.95	106.000	17.760	36.323	26.351	1518.42
42.000	21.965	36.153	25.108	1528.80	107.000	17.681	36.325	26.372	1518.21
43.000	21.924	36.162	25.126	1528.72	108.000	17.559	36.307	26.388	1517.85
44.000	21.861	36.142	25.129	1528.55	109.000	17.491	36.342	26.431	1517.71
45.000	21.750	36.118	25.142	1528.25	110.000	17.472	36.345	26.439	1517.67
46.000	21.608	36.142	25.200	1527.92	111.000	17.417	36.345	26.452	1517.52
47.000	21.530	36.175	25.247	1527.77	112.000	17.363	36.332	26.455	1517.37
48.000	21.470	36.175	25.263	1527.62	113.000	17.320	36.317	26.455	1517.23
49.000	21.394	36.160	25.273	1527.42	114.000	17.282	36.312	26.460	1517.13
51.000	21.250	36.164	25.316	1527.07	115.000	17.218	36.299	26.465	1516.95
52.000	21.039	36.229	25.424	1526.60	117.000	17.107	36.311	26.501	1516.66
53.000	21.004	36.256	25.454	1526.55	118.000	17.058	36.294	26.500	1516.51
54.000	20.989	36.265	25.465	1526.54	119.000	17.021	36.284	26.501	1516.41
56.000	20.986	36.254	25.457	1526.56	120.000	16.964	36.283	26.514	1516.25
57.000	20.939	36.250	25.467	1526.44	121.000	16.916	36.259	26.507	1516.10
58.000	20.865	36.253	25.490	1526.26	122.000	16.888	36.259	26.514	1516.03
59.000	20.792	36.270	25.523	1526.11	123.000	16.846	36.263	26.527	1515.93
60.000	20.726	36.279	25.547	1525.95	124.000	16.646	36.175	26.507	1515.24
61.000	20.709	36.289	25.560	1525.93	125.000	16.478	36.197	26.563	1514.77
62.000	20.687	36.307	25.579	1525.91	126.000	16.424	36.180	26.563	1514.61
63.000	20.644	36.324	25.604	1525.83	127.000	16.321	36.189	26.594	1514.32
64.000	20.597	36.341	25.630	1525.74	128.000	16.252	36.160	26.588	1514.10
65.000	20.490	36.346	25.663	1525.47	129.000	16.115	36.139	26.604	1513.67
66.000	20.402	36.348	25.688	1525.25	130.000	15.972	36.141	26.638	1513.25
					131.000	15.888	36.098	26.624	1512.96
					132.000	15.834	36.105	26.642	1512.82
					133.000	15.798	36.119	26.662	1512.74
					134.000	15.773	36.116	26.665	1512.67
					135.000	15.764	36.090	26.647	1512.64
					136.000	15.733	36.076	26.643	1512.54
					138.000	15.672	36.096	26.672	1512.41
					139.000	15.637	36.078	26.667	1512.30
					140.000	15.610	36.067	26.664	1512.22

141.000	15.574	36.064	26.670	1512.12	218.000	12.743	35.602	26.918	1503.74
142.000	15.523	36.067	26.684	1511.98	219.000	12.740	35.602	26.919	1503.75
143.000	15.484	36.050	26.679	1511.85	220.000	12.738	35.599	26.917	1503.75
144.000	15.396	36.025	26.680	1511.57	221.000	12.737	35.599	26.917	1503.74
146.000	15.297	36.000	26.683	1511.27	222.000	12.733	35.599	26.917	1503.74
147.000	15.250	36.007	26.699	1511.14	223.000	12.729	35.597	26.917	1503.74
148.000	15.213	36.009	26.709	1511.04	224.000	12.721	35.577	26.903	1503.74
149.000	15.185	36.022	26.725	1510.99	225.000	12.699	35.596	26.922	1503.74
150.000	15.163	36.000	26.713	1510.91	226.000	12.698	35.596	26.922	1503.74
151.000	15.149	35.987	26.706	1510.87	227.000	12.695	35.591	26.919	1503.74
152.000	15.077	35.989	26.724	1510.66	228.000	12.689	35.591	26.921	1503.74
153.000	15.014	35.977	26.729	1510.46	230.000	12.687	35.593	26.922	1503.74
154.000	14.973	35.960	26.725	1510.33	231.000	12.684	35.588	26.919	1503.74
155.000	14.943	35.975	26.743	1510.27	232.000	12.680	35.588	26.920	1503.74
156.000	14.934	35.965	26.737	1510.25	233.000	12.681	35.589	26.920	1503.74
157.000	14.924	35.955	26.732	1510.22	234.000	12.658	35.580	26.918	1503.69
158.000	14.885	35.945	26.733	1510.10	235.000	12.624	35.575	26.921	1503.59
159.000	14.798	35.938	26.746	1509.84	236.000	12.599	35.581	26.931	1503.51
160.000	14.778	35.935	26.748	1509.79	237.000	12.577	35.579	26.933	1503.47
161.000	14.753	35.935	26.754	1509.72	238.000	12.562	35.579	26.937	1503.44
162.000	14.730	35.925	26.752	1509.66					
163.000	14.709	35.922	26.753	1509.60					
165.000	14.660	35.907	26.753	1509.46					
167.000	14.587	35.911	26.772	1509.26					
168.000	14.530	35.889	26.767	1509.08					
169.000	14.509	35.891	26.773	1509.03					
171.000	14.496	35.899	26.782	1509.03					
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180.000	14.053	35.800	26.801	1507.65					
181.000	13.908	35.796	26.829	1507.19					
182.000	13.793	35.778	26.839	1506.81					
183.000	13.748	35.744	26.822	1506.64					
184.000	13.685	35.764	26.850	1506.47					
185.000	13.622	35.757	26.858	1506.28					
186.000	13.533	35.731	26.857	1505.97					
187.000	13.455	35.734	26.875	1505.74					
188.000	13.397	35.718	26.874	1505.54					
189.000	13.347	35.702	26.872	1505.38					
190.000	13.306	35.699	26.879	1505.25					
192.000	13.248	35.706	26.896	1505.10					
193.000	13.212	35.690	26.891	1504.99					
194.000	13.180	35.683	26.892	1504.88					
195.000	13.152	35.684	26.898	1504.81					
196.000	13.105	35.675	26.901	1504.66					
197.000	13.028	35.656	26.902	1504.40					
198.000	12.980	35.653	26.909	1504.26					
199.000	12.967	35.665	26.921	1504.24					
200.000	12.954	35.648	26.910	1504.20					
201.000	12.938	35.644	26.911	1504.15					
202.000	12.934	35.643	26.911	1504.16					
203.000	12.922	35.636	26.908	1504.13					
204.000	12.899	35.624	26.903	1504.05					
205.000	12.876	35.630	26.912	1504.00					
206.000	12.870	35.629	26.913	1503.99					
207.000	12.829	35.615	26.910	1503.86					
208.000	12.785	35.617	26.921	1503.73					
209.000	12.788	35.620	26.923	1503.76					
210.000	12.784	35.617	26.921	1503.76					
211.000	12.778	35.612	26.918	1503.75					
212.000	12.774	35.607	26.915	1503.75					
213.000	12.768	35.610	26.919	1503.75					
214.000	12.759	35.610	26.921	1503.73					
215.000	12.752	35.604	26.917	1503.72					
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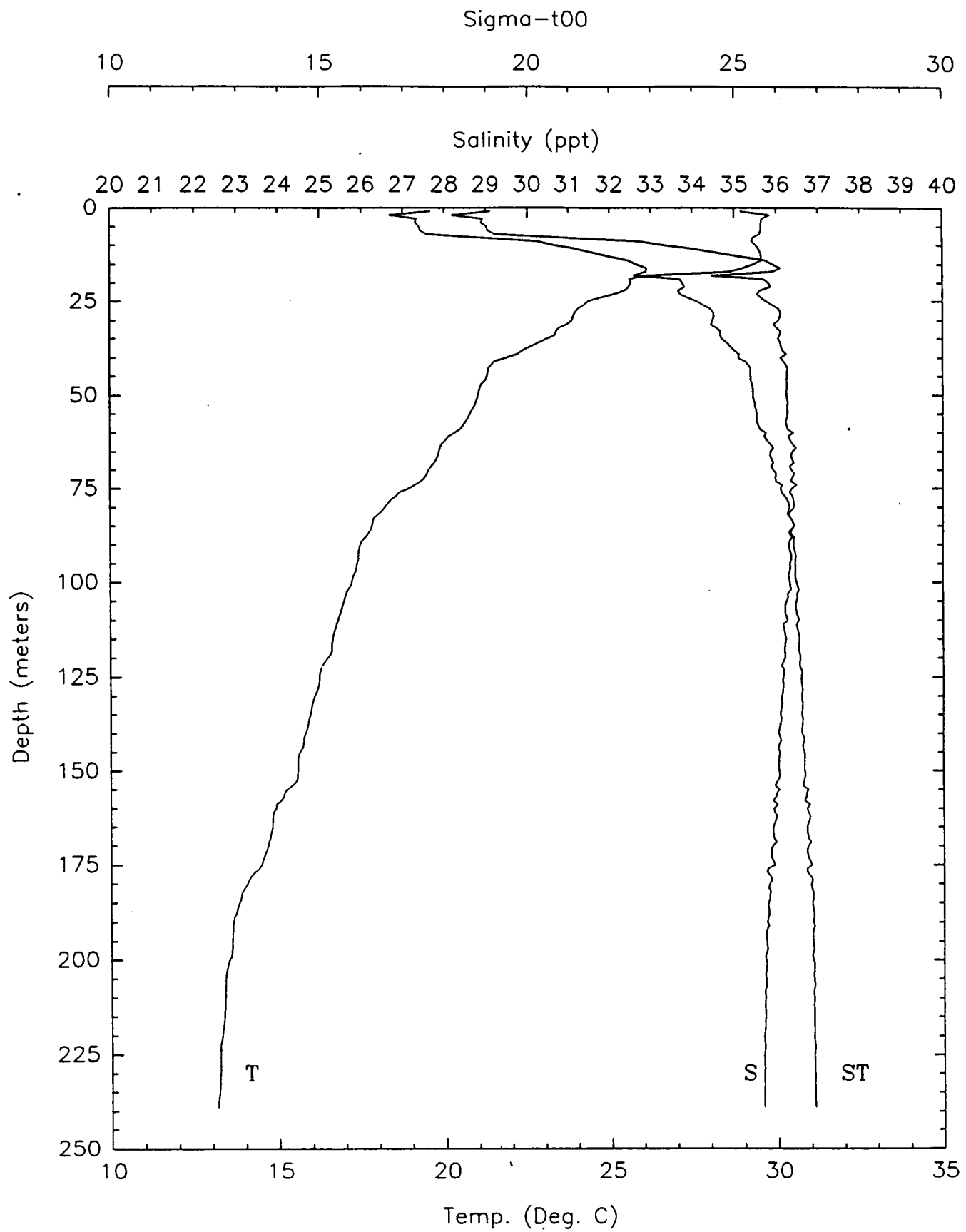


Station: 4
Cruise: 93G10

Cruise: 93G10
 Date: 09/16/93
 Time: 01:07:00 GMT
 Lat.: 29 06.486 N
 Lon.: 88 32.069 W
 Stn.: 5

Meters	Temp(c)	Sal.(ppt)	Sigma-th	Sound Vel.					
1.000	28.948	29.112	17.670	1537.28	65.000	19.827	36.374	25.861	1523.6
2.000	29.823	28.186	16.690	1538.23	66.000	19.799	36.347	25.847	1523.5
3.000	29.580	28.931	17.327	1538.50	67.000	19.759	36.369	25.875	1523.5
4.000	29.551	28.891	17.306	1538.41	68.000	19.697	36.410	25.923	1523.3
5.000	29.547	29.016	17.401	1538.55	69.000	19.609	36.306	25.867	1523.0
6.000	29.552	29.041	17.418	1538.60	70.000	19.523	36.357	25.928	1522.8
7.000	29.516	29.241	17.580	1538.75	71.000	19.470	36.424	25.993	1522.8
8.000	29.315	30.898	18.887	1540.06	72.000	19.404	36.379	25.975	1522.6
9.000	29.265	32.694	20.249	1541.85	73.000	19.289	36.343	25.979	1522.2
10.000	29.384	33.247	20.624	1542.69	74.000	19.110	36.484	26.133	1521.9
11.000	29.468	33.982	21.147	1543.66	75.000	18.925	36.368	26.091	1521.3
12.000	29.517	34.542	21.550	1544.36	76.000	18.627	36.306	26.120	1520.3
13.000	29.548	35.069	21.935	1544.99	77.000	18.538	36.374	26.194	1520.2
14.000	29.545	35.747	22.445	1545.71	78.000	18.385	36.404	26.256	1519.8
15.000	29.338	35.924	22.648	1545.48	79.000	18.286	36.417	26.291	1519.5
16.000	28.999	36.101	22.895	1544.96	80.000	18.205	36.413	26.309	1519.3
17.000	28.601	35.922	22.893	1543.94	81.000	18.122	36.343	26.275	1519.0
18.000	26.135	34.457	22.590	1536.90	82.000	17.983	36.285	26.266	1518.6
19.000	25.606	35.714	23.699	1536.98	83.000	17.854	36.340	26.340	1518.3
20.000	25.648	35.819	23.765	1537.21	85.000	17.813	36.441	26.427	1518.3
21.000	25.588	35.867	23.819	1537.14	86.000	17.772	36.326	26.350	1518.1
22.000	25.464	35.608	23.662	1536.58	87.000	17.709	36.296	26.342	1517.9
23.000	25.148	35.548	23.713	1535.78	88.000	17.622	36.369	26.420	1517.7
24.000	24.726	35.640	23.912	1534.88	89.000	17.518	36.313	26.402	1517.4
25.000	24.355	35.751	24.108	1534.11	90.000	17.469	36.291	26.397	1517.2
26.000	24.238	35.903	24.258	1534.00	91.000	17.441	36.295	26.407	1517.1
27.000	24.060	36.046	24.420	1533.74	92.000	17.414	36.323	26.435	1517.1
28.000	23.950	36.108	24.499	1533.55	93.000	17.411	36.355	26.461	1517.2
29.000	23.899	36.093	24.503	1533.43	94.000	17.412	36.341	26.449	1517.2
30.000	23.857	36.046	24.480	1533.28	95.000	17.370	36.306	26.433	1517.0
31.000	23.708	35.940	24.443	1532.82	96.000	17.345	36.321	26.450	1517.0
32.000	23.463	36.015	24.573	1532.31	97.000	17.333	36.316	26.450	1516.9
33.000	23.372	36.102	24.665	1532.19	98.000	17.259	36.280	26.440	1516.7
34.000	23.340	36.083	24.660	1532.11	99.000	17.239	36.287	26.450	1516.7
35.000	23.121	36.039	24.691	1531.52	101.000	17.177	36.318	26.489	1516.5
36.000	22.843	36.093	24.812	1530.89	102.000	17.077	36.337	26.528	1516.3
37.000	22.605	36.108	24.892	1530.31	103.000	17.035	36.255	26.475	1516.1
38.000	22.360	36.137	24.983	1529.73	104.000	17.011	36.267	26.489	1516.0
39.000	22.193	36.241	25.111	1529.42	106.000	16.939	36.194	26.451	1515.8
40.000	21.853	36.091	25.092	1528.39	108.000	16.867	36.196	26.470	1515.6
41.000	21.499	36.176	25.256	1527.57	109.000	16.828	36.226	26.502	1515.5
42.000	21.400	36.234	25.327	1527.39	110.000	16.800	36.251	26.528	1515.5
43.000	21.324	36.271	25.376	1527.25	111.000	16.748	36.153	26.465	1515.2
44.000	21.303	36.255	25.370	1527.19	112.000	16.728	36.166	26.479	1515.2
45.000	21.274	36.256	25.379	1527.13	114.000	16.653	36.198	26.522	1515.1
46.000	21.226	36.239	25.380	1527.00	115.000	16.633	36.218	26.543	1515.0
47.000	21.112	36.248	25.417	1526.72	116.000	16.614	36.191	26.526	1515.0
48.000	21.066	36.256	25.436	1526.62	118.000	16.607	36.187	26.524	1515.0
49.000	21.039	36.246	25.437	1526.56	119.000	16.564	36.201	26.545	1514.9
50.000	21.010	36.243	25.442	1526.49	120.000	16.482	36.200	26.564	1514.6
51.000	20.983	36.248	25.453	1526.44	121.000	16.394	36.154	26.550	1514.3
52.000	20.937	36.272	25.484	1526.37	122.000	16.327	36.118	26.538	1514.1
53.000	20.893	36.255	25.483	1526.24	123.000	16.266	36.161	26.585	1514.0
54.000	20.823	36.267	25.512	1526.08	124.000	16.240	36.174	26.601	1514.0
55.000	20.764	36.271	25.530	1525.94	125.000	16.236	36.148	26.582	1513.9
56.000	20.712	36.248	25.527	1525.79	126.000	16.233	36.146	26.582	1513.9
57.000	20.641	36.217	25.523	1525.59	127.000	16.208	36.154	26.594	1513.9
58.000	20.470	36.271	25.610	1525.21	128.000	16.185	36.158	26.602	1513.8
59.000	20.293	36.402	25.758	1524.89	129.000	16.145	36.146	26.602	1513.7
60.000	20.109	36.277	25.712	1524.27	130.000	16.085	36.117	26.593	1513.5
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62.000	19.921	36.382	25.841	1523.90	132.000	16.015	36.126	26.617	1513.3
63.000	19.864	36.471	25.925	1523.86	134.000	15.976	36.095	26.602	1513.2
64.000					135.000	15.963	36.081	26.594	1513.2
					136.000	15.920	36.105	26.622	1513.1
					138.000	15.875	36.072	26.607	1513.0
					139.000	15.851	36.048	26.594	1512.9
					140.000	15.801	36.040	26.600	1512.7
					141.000	15.759	36.074	26.636	1512.6
					142.000	15.754	36.099	26.656	1512.7
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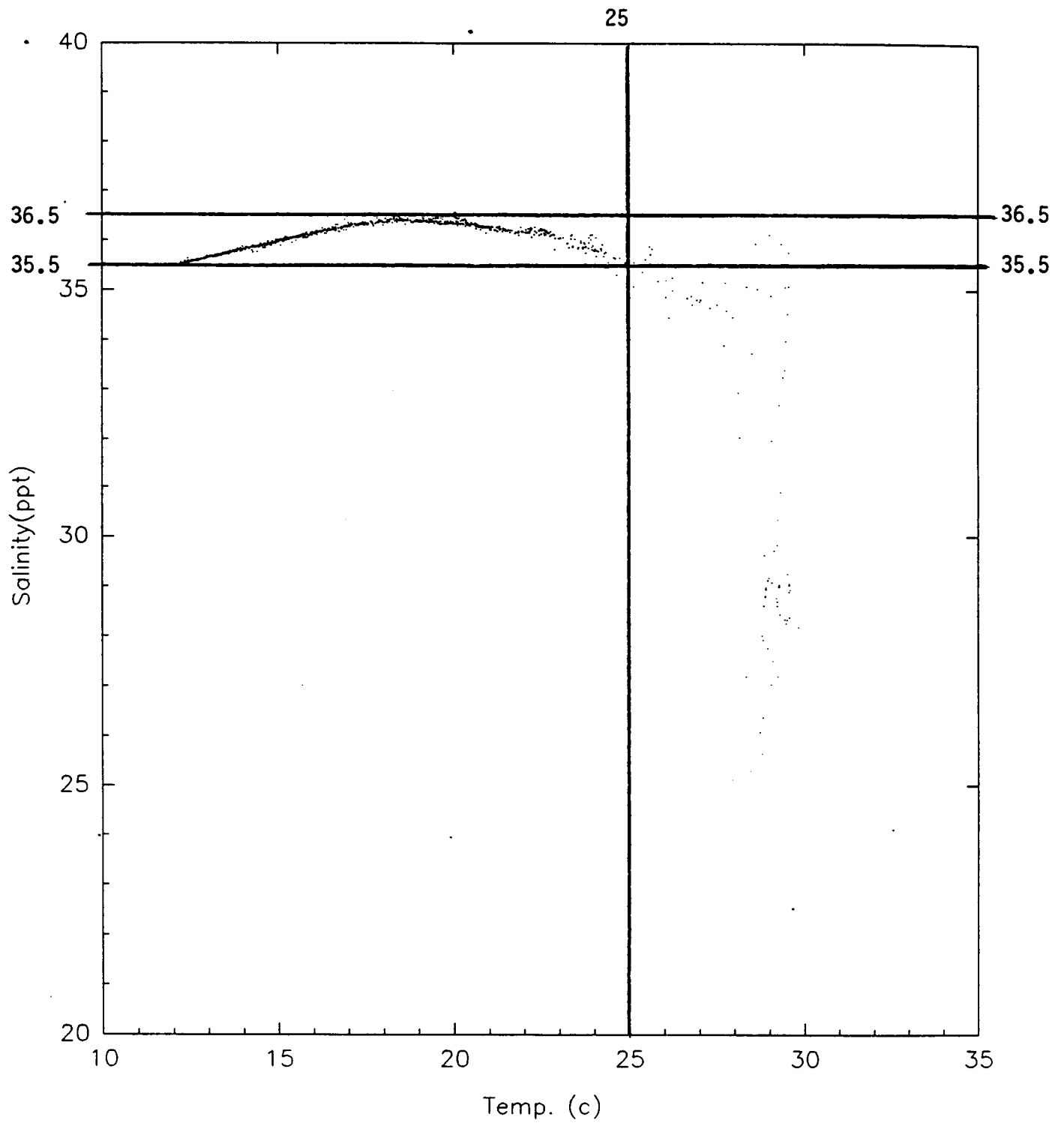
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147.000	15.582	36.043	26.652	1512.20	221.000	13.262	35.666	26.863	1505.57
148.000	15.579	36.039	26.650	1512.20	222.000	13.244	35.678	26.876	1505.54
150.000	15.571	36.040	26.653	1512.21	223.000	13.229	35.692	26.890	1505.53
151.000	15.566	36.062	26.670	1512.24	224.000	13.227	35.677	26.878	1505.51
152.000	15.557	36.035	26.652	1512.19	225.000	13.226	35.665	26.869	1505.52
153.000	15.506	35.984	26.624	1511.99	227.000	13.226	35.670	26.874	1505.56
154.000	15.401	35.944	26.617	1511.64	228.000	13.225	35.675	26.878	1505.58
155.000	15.236	36.050	26.736	1511.26	229.000	13.224	35.671	26.874	1505.58
156.000	15.165	35.981	26.698	1510.98	230.000	13.221	35.667	26.872	1505.58
157.000	15.148	35.965	26.690	1510.93	231.000	13.218	35.665	26.871	1505.59
158.000	15.068	35.888	26.648	1510.59	232.000	13.213	35.663	26.871	1505.59
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161.000	14.844	35.927	26.728	1509.99	235.000	13.197	35.663	26.874	1505.58
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163.000	14.819	35.960	26.758	1509.98	237.000	13.172	35.663	26.880	1505.54
164.000	14.818	35.929	26.735	1509.96	238.000	13.162	35.667	26.884	1505.52
165.000	14.807	35.886	26.704	1509.89	239.000	13.150	35.665	26.885	1505.50
166.000	14.781	35.887	26.711	1509.82					
167.000	14.755	35.896	26.723	1509.77					
168.000	14.738	35.918	26.745	1509.77					
169.000	14.698	35.971	26.794	1509.71					
170.000	14.687	35.885	26.730	1509.59					
171.000	14.649	35.845	26.708	1509.44					
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173.000	14.559	35.844	26.726	1509.19					
174.000	14.516	35.893	26.773	1509.12					
175.000	14.484	35.929	26.808	1509.08					
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177.000	14.278	35.747	26.712	1508.24					
178.000	14.173	35.819	26.790	1508.00					
179.000	14.101	35.851	26.830	1507.82					
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181.000	13.970	35.782	26.805	1507.35					
182.000	13.910	35.819	26.846	1507.22					
183.000	13.874	35.800	26.839	1507.10					
184.000	13.862	35.805	26.845	1507.08					
185.000	13.818	35.762	26.821	1506.90					
186.000	13.781	35.767	26.833	1506.81					
187.000	13.755	35.782	26.850	1506.75					
188.000	13.705	35.786	26.863	1506.61					
189.000	13.645	35.751	26.849	1506.39					
190.000	13.632	35.742	26.844	1506.36					
191.000	13.624	35.777	26.873	1506.39					
192.000	13.621	35.734	26.841	1506.35					
193.000	13.607	35.717	26.831	1506.29					
194.000	13.602	35.725	26.838	1506.31					
195.000	13.600	35.730	26.842	1506.32					
196.000	13.599	35.732	26.844	1506.34					
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199.000	13.576	35.704	26.827	1506.28					
200.000	13.514	35.710	26.845	1506.10					
201.000	13.483	35.736	26.871	1506.04					
202.000	13.448	35.725	26.870	1505.94					
203.000	13.427	35.709	26.862	1505.86					
204.000	13.411	35.695	26.855	1505.81					
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207.000	13.395	35.716	26.874	1505.83					
208.000	13.386	35.688	26.854	1505.79					
209.000	13.383	35.692	26.858	1505.80					
210.000	13.382	35.702	26.866	1505.82					
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213.000	13.363	35.694	26.863	1505.80					
214.000	13.357	35.698	26.868	1505.80					
215.000	13.349	35.697	26.869	1505.79					
216.000	13.339	35.694	26.869	1505.77					
217.000	13.328	35.684	26.863	1505.74					
218.000	13.312	35.688	26.870	1505.71					



Station: 5
Cruise: 93G10

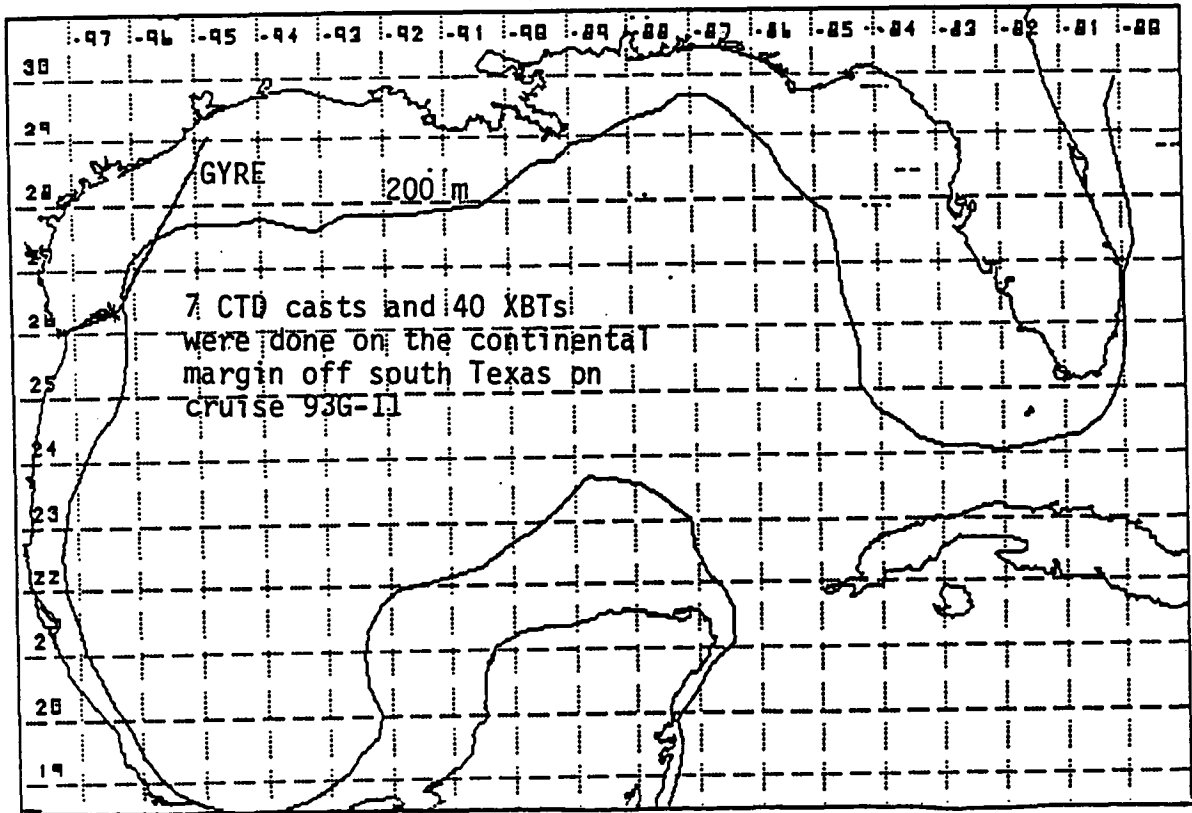
Temperature -vs- Salinity Composite

CTD Casts 1 - 5, Gyre Cruise 93G-10



Cruise: 93g10
Stations 1-5

CTD and XBT Data: Gyre cruise 93G-11



Cruise: 93G11
 Date: Sep 25 1993
 Time: 18:09:08 GMT
 Lat: 26 20.878 N
 Lon: 96 34.782 W
 Stn: CTD-1

Cruise: 93G11
 Date: Sep 25 1993
 Time: 21:30:39 GMT
 Lat: 26 18.596 N
 Lon: 96 33.722 W
 Stn: CTD-2

DepS	T0	Sal00	Sigma-t00
4.000	28.9378	35.8993	22.7627
5.000	28.9324	35.8980	22.7635
6.000	28.9311	35.8845	22.7538
7.000	28.9095	35.8995	22.7723
8.000	28.9109	35.8999	22.7721
9.000	28.8973	35.8962	22.7739
10.000	29.8937	35.8895	22.7700
11.000	28.9016	35.8892	22.7672
13.000	28.9210	35.8687	22.7453
14.000	28.9090	35.8630	22.7450
15.000	28.8808	35.8796	22.7669
16.000	28.8624	35.8907	22.7814
17.000	28.8541	35.8805	22.7765
18.000	28.8508	35.8999	22.7922
19.000	28.8485	35.9057	22.7974
20.000	28.8439	35.8972	22.7924
21.000	28.8389	35.8984	22.7951
22.000	28.8323	35.9156	22.8103
23.000	28.8287	35.9104	22.8074
24.000	28.8290	35.9129	22.8092
25.000	28.8265	35.9141	22.8110
26.000	28.8235	35.9129	22.8111
28.000	28.8206	35.9170	22.8152
29.000	28.8171	35.9181	22.8172
30.000	28.8178	35.9176	22.8165
31.000	28.8154	35.9139	22.8145
32.000	28.8146	35.9181	22.8180
33.000	28.8133	35.9201	22.8199
35.000	28.8098	35.9212	22.8220
36.000	28.8045	35.9229	22.8249
37.000	28.7997	35.9236	22.8271
38.000	28.7957	35.9250	22.8293
39.000	28.7844	35.9289	22.8363
40.000	28.7057	35.9427	22.8727
41.000	28.6364	35.9131	22.8736
42.000	28.0522	36.0052	23.1347
43.000	26.3076	36.0750	23.7488
44.000	25.8283	36.5813	24.2827
45.000	25.5137	36.1756	24.0738
46.000	25.0651	36.0901	24.1475
47.000	24.6820	36.2843	24.4110
48.000	24.3585	36.5808	24.7329
49.000	24.2175	36.3567	24.6056
50.000	24.1560	36.3994	24.6564
51.000	24.1305	36.3023	24.5904
52.000	24.1096	36.2517	24.5584
53.000	24.0814	36.2654	24.5772
54.000	24.0567	36.2966	24.6081
55.000	24.0352	36.3308	24.6405
56.000	24.0098	36.4660	24.7505

DepS	T0	Sal00	Sigma-t00
4.000	29.0551	35.8880	22.7148
5.000	29.0543	35.8829	22.7113
6.000	29.0531	35.8766	22.7070
7.000	29.0553	35.8805	22.7091
8.000	29.0547	35.8854	22.7130
9.000	29.0526	35.8786	22.7086
10.000	29.0544	35.8827	22.7111
11.000	29.0464	35.8803	22.7120
12.000	29.0169	35.8785	22.7206
13.000	29.0327	35.8524	22.6957
14.000	28.9944	35.8775	22.7273
15.000	28.9672	35.8854	22.7424
16.000	28.9516	35.8895	22.7507
17.000	28.9422	35.8926	22.7562
18.000	28.9314	35.8937	22.7606
19.000	28.9272	35.8949	22.7629
20.000	28.9227	35.8950	22.7645
21.000	28.9181	35.8965	22.7671
22.000	28.9161	35.8963	22.7677
23.000	28.9137	35.8972	22.7691
24.000	28.9132	35.8959	22.7684
25.000	28.9100	35.8973	22.7705
26.000	28.9081	35.8981	22.7717
27.000	28.9068	35.8963	22.7708
29.000	28.9047	35.8968	22.7718
30.000	28.9016	35.8961	22.7725
31.000	28.8936	35.9004	22.7783
32.000	28.8915	35.8991	22.7780
33.000	28.8840	35.9009	22.7819
34.000	28.8782	35.9023	22.7849
35.000	28.8673	35.9030	22.7890
36.000	28.8181	35.9169	22.8159
37.000	28.7534	35.9226	22.8418
38.000	28.5325	35.9827	22.9605
39.000	28.2753	35.9966	23.0560
40.000	27.0563	36.2660	23.6565
41.000	26.2386	36.4023	24.0172
42.000	25.4279	36.4290	24.2914
43.000	24.8079	36.4974	24.5337
44.000	24.3539	36.3836	24.5850
45.000	24.1535	36.3969	24.6552
46.000	24.0926	36.3522	24.6396
47.000	24.0555	36.3447	24.6450
48.000	24.0342	36.3248	24.6362
49.000	24.0162	36.3411	24.6539

Cruise: 93G11
 Date: Sep 29 1993
 Time: 02:32:22 GMT
 Lat: 26 17.640 N
 Lon: 96 34.969 W
 Stn: CTD-3

Cruise: 93G11
 Date: Oct 04 1993
 Time: 23:16:14 GMT
 Lat: 26 17.846 N
 Lon: 96 24.060 W
 Stn: CTD-4

DepS	T0	Sal00	Sigma-t00
4.000	28.5278	35.9035	22.9024
5.000	28.5281	35.9015	22.9008
6.000	28.5256	35.9043	22.9038
7.000	28.5232	35.9009	22.9020
8.000	28.5234	35.8982	22.8999
9.000	28.5223	35.8966	22.8991
10.000	28.5225	35.8969	22.8993
11.000	28.5218	35.8950	22.8981
12.000	28.6471	36.8625	23.5842
13.000	28.5477	35.7777	22.8012
14.000	28.5526	35.7952	22.8128
15.000	28.5507	35.7827	22.8040
16.000	28.5519	35.8119	22.8255
17.000	28.5545	35.8257	22.8351
18.000	28.5479	35.8271	22.8383
19.000	28.5471	35.8412	22.8492
20.000	28.5484	35.8539	22.8583
21.000	28.5445	35.8604	22.8645
22.000	28.5470	35.8694	22.8704
23.000	28.5479	35.8650	22.8668
24.000	28.5486	35.8656	22.8671
25.000	28.5495	35.8675	22.8682
26.000	28.5507	35.8696	22.8693
27.000	28.5503	35.8681	22.8684
28.000	28.5505	35.8684	22.8685
29.000	28.5499	35.8732	22.8723
30.000	28.5525	35.8716	22.8702
31.000	28.5444	35.8783	22.8780
32.000	28.5284	35.8685	22.8759
33.000	28.5152	35.8658	22.8783
35.000	28.4733	35.8605	22.8882
36.000	28.4599	35.8658	22.8965
37.000	28.4138	35.8881	22.9286
38.000	28.2851	35.9831	23.0426
39.000	28.1272	36.0179	23.1208
40.000	27.8667	36.1536	23.3083
41.000	27.6305	36.2068	23.4254
42.000	27.1930	36.2648	23.6106
43.000	26.7776	36.3401	23.8007
44.000	26.4077	36.2661	23.8625
45.000	25.9482	36.1112	23.8902
46.000	25.8110	36.1415	23.9558
47.000	25.5938	36.1256	24.0114
48.000	25.4743	36.2797	24.1648
49.000	25.4277	36.2406	24.1496
50.000	25.3227	36.2615	24.1978
51.000	25.1911	36.2286	24.2134
52.000	25.1220	36.2986	24.2875

DepS	T0	Sal00	Sigma-t00
4.000	28.4619	36.0184	23.0107
5.000	28.4644	36.0151	23.0074
6.000	28.4647	36.0066	23.0009
7.000	28.4673	36.0109	23.0033
8.000	28.4678	36.0229	23.0121
9.000	28.4608	36.0015	22.9983
10.000	28.4491	36.0146	23.0121
11.000	28.3979	36.1260	23.1121
12.000	28.4534	36.6657	23.4981
13.000	28.2455	35.9640	23.0413
14.000	28.2584	35.9718	23.0429
15.000	28.2492	35.9776	23.0503
16.000	28.2423	35.9822	23.0560
17.000	28.2361	35.9855	23.0606
18.000	28.2303	35.9895	23.0655
19.000	28.2264	35.9913	23.0681
20.000	28.2226	35.9987	23.0749
21.000	28.2216	36.0166	23.0887
22.000	28.2173	36.0034	23.0803
23.000	28.2165	36.0105	23.0858
24.000	28.2147	36.0128	23.0882
25.000	28.2144	36.0135	23.0887
26.000	28.2123	36.0168	23.0919
27.000	28.2116	36.0177	23.0929
28.000	28.2102	36.0202	23.0952
29.000	28.2100	36.0201	23.0951
30.000	28.2086	36.0244	23.0988
31.000	28.2057	36.0293	23.1035
32.000	28.2037	36.0300	23.1047
33.000	28.2018	36.0318	23.1067
34.000	28.2013	36.0345	23.1089
35.000	28.2009	36.0382	23.1118
36.000	28.2000	36.0382	23.1121
37.000	28.1987	36.0417	23.1152
38.000	28.1969	36.0432	23.1168
39.000	28.1665	36.0553	23.1359
40.000	27.3536	36.1918	23.5031
41.000	26.3671	36.3775	23.9581
42.000	25.7270	36.4457	24.2116
43.000	25.4206	36.3201	24.2118
44.000	25.1526	36.3054	24.2832
45.000	24.8184	36.3414	24.4127
46.000	24.6662	36.3141	24.4383
47.000	24.4520	36.5610	24.6899
48.000	24.2980	36.3231	24.5560
49.000	24.0454	36.3300	24.6368
50.000	23.7577	36.3278	24.7206
51.000	23.4765	36.2506	24.7449
52.000	23.3754	36.3658	24.8620
53.000	23.3008	36.2818	24.8201
54.000	23.2523	36.4215	24.9403
55.000	23.2002	36.2457	24.8222
56.000	23.0530	36.3282	24.9275
57.000	22.9216	36.2248	24.8871
58.000	22.7967	36.2536	24.9451
59.000	22.7584	36.3913	25.0608
60.000	22.7199	36.2770	24.9850
61.000	22.7300	36.3101	25.0073
62.000	22.7218	36.2643	24.9748
63.000	22.6335	36.3316	25.0513
64.000	22.4745	36.3008	25.0735
65.000	22.4175	36.3126	25.0987
66.000	22.2289	36.3098	25.1502
67.000	22.0643	36.3316	25.2134
68.000	21.9599	36.3334	25.2442
69.000	21.8717	36.3405	25.2744
70.000	21.8561	36.3231	25.2655
71.000	21.7369	36.3386	25.3108

Cruise: 93G11
 Date: Oct 06 1993
 Time: 04:20:54 GMT
 Lat: 26 18.743 N
 Lon: 96 34.986 W
 Stn: CTD-5

DepS	T0	Sal00	Sigma-t00
5.000	28.1144	35.2075	22.5157
6.000	28.1141	36.0475	23.1475
7.000	28.1100	36.0516	23.1518
8.000	28.1090	36.0514	23.1520
9.000	28.1090	36.0477	23.1492
10.000	28.1086	36.0460	23.1481
11.000	28.1105	36.0494	23.1500
12.000	28.1108	36.0508	23.1509
13.000	28.1072	36.0371	23.1418
14.000	28.1051	36.0349	23.1408
15.000	28.1025	36.0371	23.1434
16.000	28.1022	36.0382	23.1443
17.000	28.1019	36.0375	23.1438
18.000	28.1018	36.0407	23.1463
19.000	28.1051	36.0466	23.1497
20.000	28.0987	36.0671	23.1672
21.000	28.0544	36.1091	23.2134
22.000	28.0105	36.1466	23.2560
23.000	27.9998	36.1294	23.2465
24.000	27.9906	36.1374	23.2555
25.000	27.9823	36.1326	23.2547
26.000	27.9739	36.1348	23.2590
27.000	27.9694	36.1387	23.2634
28.000	27.9655	36.1408	23.2664
29.000	27.9579	36.1313	23.2617
30.000	27.9584	36.1361	23.2652
31.000	27.9582	36.1355	23.2648
32.000	27.9566	36.1355	23.2653
33.000	27.9535	36.1390	23.2690
34.000	27.9507	36.1418	23.2720
35.000	27.9471	36.1361	23.2689
36.000	27.9421	36.1409	23.2741
37.000	27.9397	36.1434	23.2767
38.000	27.9344	36.1401	23.2760
39.000	27.9304	36.1447	23.2808
40.000	27.9343	36.1431	23.2783
41.000	27.9359	36.1439	23.2784
42.000	27.9328	36.1448	23.2801
43.000	27.9240	36.1463	23.2841
44.000	27.9226	36.1463	23.2845
45.000	27.9213	36.1549	23.2915
46.000	27.9212	36.1535	23.2904
47.000	27.9158	36.1437	23.2848
48.000	27.8569	36.1766	23.3289

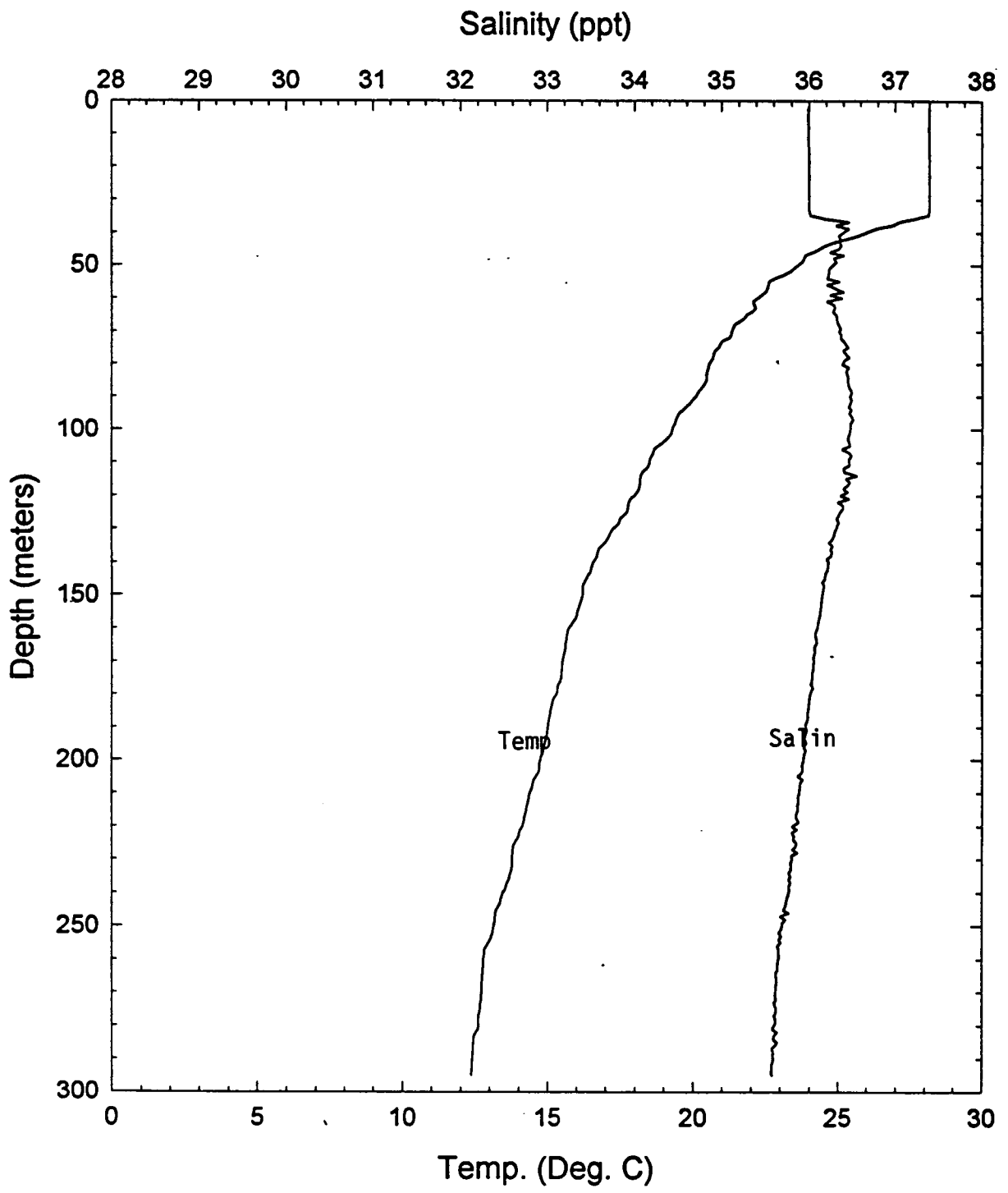
Cruise: 93G11
 Date: Oct 06 1993
 Time: 05:40:08 GMT
 Lat: 26 30.011 N
 Lon: 96 35.086 W
 Stn: CTD-6

DepS	T0	Sal00	Sigma-t00
5.000	28.1739	35.9930	23.0867
6.000	28.1704	35.9860	23.0825
7.000	28.1715	35.9885	23.0841
8.000	28.1632	35.9980	23.0939
9.000	28.1619	35.9874	23.0863
10.000	28.1668	35.9924	23.0886
11.000	28.2416	36.5906	23.5130
12.000	28.1884	35.9860	23.0767
13.000	28.1807	35.9919	23.0836
14.000	28.1831	35.9933	23.0839
15.000	28.1827	35.9943	23.0848
16.000	28.1825	35.9941	23.0847
17.000	28.1820	35.9943	23.0850
18.000	28.1818	35.9956	23.0861
19.000	28.1829	35.9950	23.0853
20.000	28.1823	35.9951	23.0855
21.000	28.1818	35.9952	23.0857
22.000	28.1825	35.9953	23.0856
23.000	28.1827	35.9958	23.0859
24.000	28.1831	35.9955	23.0855
25.000	28.1834	35.9967	23.0864
26.000	28.1841	36.0014	23.0897
27.000	28.1848	35.9954	23.0849
28.000	28.1828	35.9951	23.0853
29.000	28.1825	35.9962	23.0863
30.000	28.1841	35.9953	23.0851
31.000	28.1847	35.9948	23.0845
32.000	28.1850	35.9957	23.0851
33.000	28.1851	35.9950	23.0845
34.000	28.1841	35.9757	23.0703
35.000	28.1833	35.9948	23.0849
36.000	28.1829	35.9961	23.0860
37.000	28.1838	35.9963	23.0859
38.000	28.1844	35.9960	23.0855
39.000	28.1832	35.9969	23.0865
40.000	28.1817	35.9968	23.0870
41.000	28.1806	35.9970	23.0875
42.000	28.1729	35.9986	23.0912
43.000	28.0213	36.0487	23.1787
44.000	27.3649	36.3018	23.5831
45.000	26.9396	36.3582	23.7627
46.000	26.6976	36.5209	23.9627
47.000	26.1552	36.3151	23.9795
48.000	25.8787	36.5193	24.2200
49.000	25.7224	36.4922	24.2483
50.000	25.5584	36.4657	24.2792
51.000	25.4515	36.4073	24.2683
52.000	25.2656	36.4733	24.3755
53.000	25.1650	36.6382	24.5312
54.000	25.1407	36.5444	24.4677
55.000	25.0300	36.2826	24.3035
56.000	24.8225	36.4316	24.4797
57.000	24.7781	36.4066	24.4742
58.000	24.5830	36.3956	24.5250
59.000	24.4716	36.5061	24.6423
60.000	24.4502	36.4610	24.6147
61.000	24.4214	36.4016	24.5784
62.000	24.4201	36.4387	24.6069
63.000	24.3979	36.5087	24.6666
64.000	24.3205	36.2780	24.5151
65.000	23.8415	36.5228	24.8438

Cruise: 93G11
 Date: Oct 06 1993
 Time: 07:25:27 GMT
 Lat: 26 30.013 N
 Lon: 96 19.0306 W
 Stn: CTD-7

DepS	T0	Sal00	Sigma-t00				
6.000	28.1755	35.9813	23.0773	74.000	21.3606	36.3577	25.4300
7.000	28.1777	35.9673	23.0661	75.000	21.3360	36.3672	25.4441
8.000	28.1824	35.9835	23.0767	76.000	21.2904	36.3687	25.4578
9.000	28.1847	35.9819	23.0747	77.000	21.1118	36.4059	25.5353
10.000	28.1844	35.9830	23.0757	78.000	20.9479	36.4065	25.5808
11.000	28.1826	35.9795	23.0737	79.000	20.8888	36.4433	25.6250
12.000	28.1889	35.9992	23.0864	80.000	20.8975	36.4652	25.6393
13.000	28.1790	36.0047	23.0938	81.000	20.7003	36.3587	25.6119
14.000	28.1890	35.9967	23.0845	82.000	20.7086	36.4504	25.6794
15.000	28.1901	35.9977	23.0848	83.000	20.6648	36.4248	25.6718
16.000	28.1933	35.9979	23.0840	84.000	20.5963	36.4006	25.6720
17.000	28.1954	35.9973	23.0828	85.000	20.5557	36.4391	25.7123
18.000	28.1960	35.9975	23.0828	86.000	20.5190	36.4146	25.7035
19.000	28.1962	35.9983	23.0833	87.000	20.4707	36.4352	25.7323
20.000	28.1968	35.9992	23.0838	88.000	20.4753	36.4552	25.7463
21.000	28.1969	35.9995	23.0840	89.000	20.4848	36.4551	25.7436
22.000	28.1957	36.0022	23.0864	90.000	20.4737	36.4448	25.7388
23.000	28.1937	36.0014	23.0865	91.000	20.3744	36.4613	25.7780
24.000	28.1919	36.0019	23.0875	92.000	20.2828	36.4811	25.8178
25.000	28.1917	36.0025	23.0879	93.000	20.2001	36.4904	25.8470
26.000	28.1930	36.0018	23.0870	94.000	20.1442	36.4807	25.8545
27.000	28.1932	36.0014	23.0867	95.000	20.0574	36.4668	25.8671
28.000	28.1948	36.0005	23.0855	96.000	19.9361	36.5029	25.9269
29.000	28.1946	36.0020	23.0867	97.000	19.8790	36.4727	25.9189
30.000	28.1965	35.9992	23.0839	98.000	19.7195	36.4857	25.9710
31.000	28.1968	36.0002	23.0846	99.000	19.6019	36.4771	25.9954
32.000	28.1967	36.0007	23.0849	100.000	19.5039	36.4882	26.0295
33.000	28.1962	36.0011	23.0854	101.000	19.4486	36.5061	26.0577
34.000	28.1954	36.0011	23.0857	102.000	19.3983	36.4748	26.0469
35.000	28.1955	36.0002	23.0850	103.000	19.3751	36.4828	26.0591
36.000	28.1966	36.0011	23.0852	104.000	19.3116	36.4794	26.0730
37.000	28.1972	36.0005	23.0846	105.000	19.2732	36.4814	26.0845
38.000	28.1956	36.0012	23.0856	106.000	19.2701	36.4734	26.0792
39.000	28.1767	36.0066	23.0960	107.000	19.1239	36.4583	26.1055
40.000	27.8819	36.1290	23.2846	108.000	19.0214	36.4642	26.1364
41.000	27.3969	36.3488	23.6080	109.000	18.8900	36.4715	26.1758
42.000	27.0468	36.3583	23.7283	110.000	18.7511	36.4210	26.1728
43.000	26.5714	36.4172	23.9245	111.000	18.6851	36.4352	26.2004
44.000	26.1392	36.4175	24.0615	112.000	18.6150	36.4984	26.2666
45.000	25.8612	36.3573	24.1033	113.000	18.5350	36.5039	26.2912
46.000	25.5736	36.3184	24.1633	114.000	18.5169	36.4292	26.2386
47.000	25.1005	36.3897	24.3632	115.000	18.4958	36.4709	26.2758
48.000	24.6740	36.3726	24.4801	116.000	18.4483	36.4316	26.2577
49.000	24.4714	36.3529	24.5263	117.000	18.3486	36.4123	26.2681
50.000	24.2454	36.2896	24.5464	118.000	18.2516	36.5016	26.3609
51.000	23.9983	36.3495	24.6656	119.000	18.2027	36.4426	26.3279
52.000	23.8498	36.3041	24.6754	120.000	18.1905	36.4213	26.3147
53.000	23.8338	36.2861	24.6665	121.000	18.1782	36.5001	26.3782
54.000	23.7272	36.3324	24.7332	122.000	18.1644	36.4061	26.3095
55.000	23.5130	36.2378	24.7247	123.000	18.1379	36.3876	26.3020
56.000	23.3937	36.2325	24.7555	124.000	18.0547	36.4357	26.3596
57.000	23.2037	36.2270	24.8069	125.000	17.9249	36.4434	26.3978
58.000	22.9582	36.2199	24.8728	126.000	17.8423	36.3817	26.3711
59.000	22.7240	36.2971	24.9991	127.000	17.8114	36.3902	26.3852
60.000	22.6320	36.2363	24.9793	128.000	17.7737	36.3741	26.3821
61.000	22.6110	36.2157	24.9697	129.000	17.7402	36.3978	26.4086
62.000	22.5658	36.3428	25.0792	130.000	17.7265	36.3191	26.3516
63.000	22.4616	36.4647	25.2017	131.000	17.5558	36.3479	26.4156
64.000	22.2988	36.1163	24.9833	132.000	17.4840	36.3366	26.4245
65.000	22.1533	36.3541	25.2053	133.000	17.4263	36.3275	26.4315
66.000	22.1308	36.2948	25.1666	134.000	17.3264	36.3166	26.4475
67.000	22.1486	36.2933	25.1604	135.000	17.2309	36.3018	26.4593
68.000	22.0854	36.2883	25.1745	136.000	17.1670	36.2911	26.4665
69.000	21.9416	36.3202	25.2393	137.000	17.1091	36.2838	26.4748
70.000	21.7837	36.3210	25.2843	138.000	17.0383	36.2567	26.4711
71.000	21.7583	36.3262	25.2953	139.000	16.9364	36.2132	26.4621
72.000	21.5414	36.3274	25.3568	140.000	16.8224	36.2664	26.5302
73.000	21.4174	36.3612	25.4170	141.000	16.7674	36.2620	26.5399
				142.000	16.7294	36.2579	26.5458
				143.000	16.6873	36.2262	26.5314
				144.000	16.6240	36.2323	26.5511
				145.000	16.5525	36.2370	26.5716
				146.000	16.5186	36.2077	26.5570
				147.000	16.5093	36.2249	26.5724
				148.000	16.4775	36.1836	26.5482
				149.000	16.3717	36.1849	26.5740

150.000	16.3134	36.1684	26.5749	225.000	14.0912	35.8512	26.8266
151.000	16.2584	36.1711	26.5898	226.000	14.0452	35.8204	26.8126
152.000	16.2386	36.1699	26.5935	227.000	14.0186	35.8215	26.8191
153.000	16.2292	36.1663	26.5929	228.000	13.9826	35.8189	26.8246
154.000	16.2289	36.1645	26.5916	229.000	13.9238	35.8033	26.8251
155.000	16.2206	36.1513	26.5835	230.000	13.8380	35.8718	26.8961
156.000	16.1602	36.1499	26.5964	231.000	13.7729	35.8302	26.8776
157.000	16.1301	36.1448	26.5995	232.000	13.7876	35.8536	26.8926
158.000	16.0993	36.1389	26.6020	233.000	13.7814	35.8154	26.8644
159.000	16.0632	36.1325	26.6055	234.000	13.7807	35.8018	26.8540
160.000	16.0340	36.1304	26.6106	235.000	13.7820	35.7902	26.8447
161.000	16.0165	36.1227	26.6087	236.000	13.7793	35.7876	26.8433
162.000	15.9945	36.1145	26.6075	237.000	13.7692	35.7902	26.8475
163.000	15.8514	36.1125	26.6389	238.000	13.7528	35.7895	26.8503
164.000	15.7880	36.0964	26.6410	239.000	13.6957	35.7428	26.8262
165.000	15.7208	36.0937	26.6543	240.000	13.6738	35.7794	26.8590
166.000	15.7070	36.0803	26.6471	241.000	13.6308	35.7812	26.8694
167.000	15.6844	36.0780	26.6505	242.000	13.5901	35.7731	26.8716
168.000	15.6643	36.0877	26.6625	243.000	13.5565	35.7682	26.8748
169.000	15.6423	36.0757	26.6583	244.000	13.5099	35.7500	26.8704
170.000	15.6321	36.0695	26.6558	245.000	13.4447	35.7785	26.9060
171.000	15.6225	36.0632	26.6532	246.000	13.4008	35.7452	26.8892
172.000	15.5895	36.0848	26.6773	247.000	13.3785	35.7242	26.8775
173.000	15.5541	36.0459	26.6553	248.000	13.3566	35.7372	26.8921
174.000	15.5411	36.0642	26.6724	249.000	13.2701	35.7127	26.8910
175.000	15.5297	36.0546	26.6676	250.000	13.2201	35.7439	26.9253
176.000	15.5221	36.0541	26.6689	251.000	13.1987	35.7032	26.8982
177.000	15.5156	36.0464	26.6644	252.000	13.1934	35.7142	26.9077
178.000	15.5083	36.0503	26.6691	253.000	13.1839	35.7034	26.9013
179.000	15.5015	36.0435	26.6654	254.000	13.1667	35.6778	26.8850
180.000	15.4814	36.0283	26.6583	255.000	13.1191	35.6860	26.9011
181.000	15.4446	36.0443	26.6789	256.000	13.1058	35.6757	26.8958
182.000	15.3604	36.0349	26.6906	257.000	13.0824	35.6715	26.8972
183.000	15.3558	36.0293	26.6873	258.000	13.0455	35.6581	26.8944
184.000	15.3451	36.0228	26.6848	259.000	12.9921	35.6610	26.9075
185.000	15.2793	36.0128	26.6917	260.000	12.9228	35.6453	26.9092
186.000	15.2213	36.0122	26.7043	261.000	12.8518	35.6466	26.9245
187.000	15.1701	36.0039	26.7093	262.000	12.8363	35.6476	26.9284
188.000	15.1539	35.9940	26.7053	263.000	12.8139	35.6472	26.9327
189.000	15.1311	35.9951	26.7112	264.000	12.7994	35.6610	26.9462
190.000	15.1093	35.9876	26.7103	265.000	12.7929	35.6402	26.9314
191.000	15.0873	35.9864	26.7142	266.000	12.7875	35.6332	26.9271
192.000	15.0621	35.9832	26.7174	267.000	12.7797	35.6349	26.9300
193.000	15.0393	35.9703	26.7125	268.000	12.7704	35.6252	26.9243
194.000	15.0194	35.9676	26.7148	269.000	12.7598	35.6212	26.9233
195.000	15.0044	35.9647	26.7159	270.000	12.7510	35.6225	26.9261
196.000	14.9945	35.9839	26.7329	271.000	12.7374	35.6184	26.9256
197.000	14.9858	35.9489	26.7078	272.000	12.7344	35.6297	26.9349
198.000	14.9709	35.9462	26.7091	273.000	12.7299	35.6053	26.9168
199.000	14.9296	35.9610	26.7296	274.000	12.7243	35.6163	26.9265
200.000	14.8946	35.9473	26.7268	275.000	12.7162	35.6097	26.9231
201.000	14.8709	35.9535	26.7367	276.000	12.7092	35.6162	26.9295
202.000	14.8567	35.9542	26.7404	277.000	12.6953	35.6050	26.9236
203.000	14.8062	35.9242	26.7283	278.000	12.6865	35.6095	26.9288
204.000	14.7678	35.9594	26.7640	279.000	12.6695	35.5964	26.9220
205.000	14.7272	35.9331	26.7526	280.000	12.6622	35.6338	26.9526
206.000	14.7062	35.9193	26.7464	281.000	12.6395	35.6036	26.9336
207.000	14.7085	35.9249	26.7503	282.000	12.6260	35.6052	26.9375
208.000	14.6896	35.9194	26.7502	283.000	12.6241	35.6118	26.9430
209.000	14.6359	35.8887	26.7382	285.000	12.6125	35.5803	26.9208
210.000	14.5626	35.9091	26.7699	286.000	12.5613	35.5970	26.9440
211.000	14.5075	35.8896	26.7668	287.000	12.4880	35.6532	27.0021
212.000	14.4888	35.8989	26.7781	288.000	12.4421	35.5667	26.9440
213.000	14.4606	35.8900	26.7772	289.000	12.4411	35.5958	26.9668
214.000	14.4061	35.8828	26.7835	290.000	12.4354	35.6150	26.9828
215.000	14.3681	35.8867	26.7947	291.000	12.4302	35.5851	26.9606
216.000	14.3505	35.8749	26.7894	292.000	12.4270	35.5817	26.9586
217.000	14.3383	35.8728	26.7904	293.000	12.4226	35.5837	26.9610
218.000	14.3094	35.8678	26.7928	294.000	12.4110	35.5664	26.9499
219.000	14.2916	35.8815	26.8071	295.000	12.4069	35.5944	26.9724
220.000	14.2549	35.8573	26.7964	296.000	12.3983	35.5822	26.9646
221.000	14.2235	35.8517	26.7987	297.000	12.3910	35.5594	26.9483
222.000	14.2014	35.8400	26.7944	298.000	12.3866	35.5840	26.9683
223.000	14.1798	35.8649	26.8183	299.000	12.3726	35.5542	26.9479
224.000	14.1497	35.8484	26.8119				



Stn. 7
93G11

Cruise: 93G11
 Date: 09 25 1993
 Time: 14:31:03 GMT
 Lat: 26 18.864 N
 Lon: 96 40.867 W
 Stn: 1
 Probe type: T-10

Depth	Temp
0.63	26.94
1.26	27.75
1.89	28.25
2.52	28.46
3.15	28.54
3.78	28.57
4.41	28.59
5.04	28.60
5.67	28.61
6.30	28.61
6.93	28.60
7.56	28.61
8.19	28.61
8.82	28.61
9.45	28.62
10.08	28.61
10.71	28.61
11.33	28.60
11.96	28.61
12.59	28.60
13.22	28.60
13.85	28.60
14.48	28.60
15.11	28.61
15.74	28.61
16.37	28.61
17.00	28.61
17.63	28.60
18.25	28.60
18.88	28.60
19.51	28.59
20.14	28.59

20.77	28.58
21.40	28.58
22.03	28.58
22.66	28.57
23.28	28.55
23.91	28.54
24.54	28.52
25.17	28.52
25.80	28.48
26.43	28.43
27.05	28.39
27.68	28.33
28.31	28.28
28.94	28.21
29.57	28.12
30.20	28.02
30.82	27.90
31.45	27.71
32.08	27.49
32.71	27.37
33.33	27.29
33.96	27.24
34.59	27.17
35.22	27.11
35.85	27.05
36.47	26.82
37.10	26.59
37.73	26.34
38.36	26.12
38.98	25.96
39.61	25.69
40.24	25.41
40.87	25.08
41.49	24.83
42.12	24.69
42.75	24.64
43.37	24.62
44.00	24.61
44.63	24.61
45.26	24.61

Cruise: 93G11
 Date: 09 25 1993
 Time: 15:33:35 GMT
 Lat: 26 18.801 N
 Lon: 96 34.807 W
 Stn: 2
 Probe type: T-10

Depth	Temp
0.63	27.01
1.26	28.15
1.89	28.57
2.52	28.76
3.15	28.84
3.78	28.87
4.41	28.89
5.04	28.89
5.67	28.90
6.30	28.89
6.93	28.89
7.56	28.89
8.19	28.89
8.82	28.89
9.45	28.88
10.08	28.88
10.71	28.88
11.33	28.88
11.96	28.88
12.59	28.89
13.22	28.88
13.85	28.88
14.48	28.88
15.11	28.88
15.74	28.88
16.37	28.88
17.00	28.88
17.63	28.88
18.25	28.88
18.88	28.88
19.51	28.88
20.14	28.88
20.77	28.88
21.40	28.88
22.03	28.87
22.66	28.88
23.28	28.89
23.91	28.88
24.54	28.88
25.17	28.87

25.80	28.87
26.43	28.88
27.05	28.87
27.68	28.87
28.31	28.85
28.94	28.86
29.57	28.87
30.20	28.84
30.82	28.81
31.45	28.77
32.08	28.70
32.71	28.59
33.33	28.41
33.96	28.17
34.59	27.87
35.22	27.66
35.85	27.55
36.47	27.47
37.10	27.40
37.73	27.34
38.36	27.29
38.98	27.05
39.61	26.74
40.24	26.11
40.87	25.53
41.49	25.14
42.12	24.88
42.75	24.72
43.37	24.52
44.00	24.33
44.63	24.23
45.26	24.15
45.88	24.11
46.51	24.08
47.14	24.07
47.76	24.05
48.39	24.04
49.02	24.03
49.64	24.03
50.27	24.02
50.90	24.01
51.52	24.01
52.15	24.01
52.78	24.01
53.40	24.02
54.03	24.00
54.66	23.97
55.28	23.77

Cruise: 93G11
Date: 09 25 1993
Time: 19:09:53 GMT
Lat: 26 20.540 N
Lon: 96 34.547 W
Stn: 3
Probe type: T-4

Depth	Temp
0.65	28.42
1.29	29.07
1.94	29.19
2.59	29.11
3.24	29.08
3.88	29.02
4.53	29.06
5.18	29.02
5.82	29.09
6.47	29.11
7.12	29.10
7.76	29.10
8.41	29.10
9.06	29.09
9.70	29.09
10.35	29.08
11.00	29.09
11.64	29.06
12.29	29.04
12.94	29.03
13.58	29.02
14.23	29.01
14.87	29.01
15.52	29.00
16.17	28.99
16.81	28.99
17.46	28.98
18.10	28.99
18.75	28.98
19.40	28.98
20.04	28.98
20.69	28.97
21.33	28.97
21.98	28.97
22.63	28.97
23.27	28.97
23.92	28.96
24.56	28.96
25.21	28.96

25.85	28.95
26.50	28.96
27.14	28.95
27.79	28.95
28.43	28.95
29.08	28.96
29.73	28.95
30.37	28.95
31.02	28.95
31.66	28.94
32.31	28.92
32.95	28.91
33.60	28.90
34.24	28.87
34.89	28.82
35.53	28.75
36.18	28.61
36.82	28.21
37.46	27.66
38.11	26.91
38.75	26.40
39.40	26.09
40.04	25.82
40.69	25.63
41.33	25.26
41.98	25.07
42.62	24.85
43.27	24.54
43.91	24.33
44.55	24.26
45.20	24.24
45.84	24.22
46.49	24.21
47.13	24.21
47.77	24.21
48.42	24.20
49.06	24.17
49.71	24.15
50.35	24.13
50.99	24.11
51.64	24.11
52.28	24.10
52.93	24.09
53.57	24.06
54.21	24.02
54.86	23.86
55.50	23.77

Cruise: 93G11
Date: 09 25 1993
Time: 22:59:13 GMT
Lat: 26 18.634 N
Lon: 96 33.687 W
Stn: 4
Probe type: T-4

Depth	Temp
0.65	28.43
1.29	29.15
1.94	29.15
2.59	29.14
3.24	29.14
3.88	29.15
4.53	29.14
5.18	29.15
5.82	29.13
6.47	29.14
7.12	29.14
7.76	29.13
8.41	29.13
9.06	29.13
9.70	29.12
10.35	29.12
11.00	29.12
11.64	29.12
12.29	29.12
12.94	29.12
13.58	29.12
14.23	29.11
14.87	29.09
15.52	29.06
16.17	29.04
16.81	29.04
17.46	29.03
18.10	29.02
18.75	29.01
19.40	29.00
20.04	29.01
20.69	29.00
21.33	29.00
21.98	28.99
22.63	28.99

23.27	28.99
23.92	28.98
24.56	28.97
25.21	28.97
25.85	28.97
26.50	28.96
27.14	28.95
27.79	28.95
28.43	28.93
29.08	28.90
29.73	28.87
30.37	28.81
31.02	28.72
31.66	28.60
32.31	28.11
32.95	27.27
33.60	26.75
34.24	26.47
34.89	26.30
35.53	26.23
36.18	26.04
36.82	25.83
37.46	25.65
38.11	25.56
38.75	25.28
39.40	24.91
40.04	24.71
40.69	24.47
41.33	24.19
41.98	24.09
42.62	24.05
43.27	24.05
43.91	24.03
44.55	24.03
45.20	24.03
45.84	24.03
46.49	24.02
47.13	24.01
47.77	24.02
48.42	24.00
49.06	23.99
49.71	23.99
50.35	23.97

Cruise: 93G11
 Date: 09 25 1993
 Time: 23:57:10 GMT
 Lat: 26 18.810 N
 Lon: 96 33.550 W
 Stn: 5
 Probe type: T-4

Depth	Temp
0.65	28.46
1.29	28.70
1.94	29.02
2.59	29.11
3.24	29.13
3.88	29.13
4.53	29.10
5.18	29.10
5.82	29.10
6.47	29.09
7.12	29.09
7.76	29.09
8.41	29.09
9.06	29.09
9.70	29.09
10.35	29.08
11.00	29.08
11.64	29.08
12.29	29.08
12.94	29.08
13.58	29.08
14.23	29.08
14.87	29.07
15.52	29.06
16.17	29.06
16.81	29.06
17.46	29.05
18.10	29.05
18.75	29.05
19.40	29.03
20.04	29.03
20.69	29.02
21.33	29.01
21.98	29.02
22.63	29.00

23.27	28.99
23.92	29.00
24.56	28.99
25.21	28.99
25.85	28.98
26.50	28.98
27.14	28.97
27.79	28.97
28.43	28.96
29.08	28.94
29.73	28.89
30.37	28.82
31.02	28.56
31.66	27.95
32.31	27.22
32.95	26.78
33.60	26.49
34.24	26.16
34.89	26.00
35.53	25.90
36.18	25.82
36.82	25.73
37.46	25.56
38.11	25.35
38.75	25.24
39.40	25.08
40.04	24.84
40.69	24.66
41.33	24.44
41.98	24.17
42.62	24.05
43.27	24.02
43.91	24.00
44.55	23.99
45.20	23.99
45.84	23.99
46.49	23.99
47.13	23.97
47.77	23.98
48.42	23.95
49.06	23.94
49.71	23.90
50.35	23.77

Cruise: 93G11
 Date: 09 26 1993
 Time: 00:56:25 GMT
 Lat: 26 18.766 N
 Lon: 96 31.412 W
 Stn: 6
 Probe type: T-4

Depth	Temp
0.65	28.37
1.29	28.99
1.94	29.08
2.59	29.02
3.24	28.98
3.88	28.96
4.53	29.03
5.18	29.02
5.82	29.04
6.47	29.06
7.12	29.05
7.76	29.05
8.41	29.03
9.06	29.05
9.70	29.03
10.35	29.04
11.00	29.04
11.64	29.03
12.29	29.04
12.94	29.04
13.58	29.04
14.23	29.03
14.87	29.03
15.52	29.02
16.17	29.03
16.81	29.03
17.46	29.02
18.10	29.02
18.75	29.03
19.40	29.02
20.04	29.03
20.69	29.03
21.33	29.04
21.98	29.05
22.63	29.04
23.27	29.03
23.92	29.05
24.56	29.05
25.21	29.02
25.85	28.97
26.50	28.96
27.14	28.93

27.79	28.90
28.43	28.90
29.08	28.89
29.73	28.88
30.37	28.86
31.02	28.86
31.66	28.80
32.31	28.67
32.95	28.60
33.60	28.56
34.24	28.33
34.89	28.14
35.53	27.95
36.18	27.64
36.82	27.14
37.46	26.63
38.11	26.25
38.75	26.00
39.40	25.80
40.04	25.66
40.69	25.41
41.33	24.97
41.98	24.64
42.62	24.38
43.27	24.22
43.91	24.15
44.55	23.95
45.20	23.78
45.84	23.71
46.49	23.67
47.13	23.63
47.77	23.53
48.42	23.44
49.06	23.39
49.71	23.35
50.35	23.30
50.99	23.29
52.28	23.26
52.93	23.22
53.57	23.21
54.21	23.19
54.86	23.18
55.50	23.15
56.14	23.14
56.79	23.05
57.43	22.90
58.07	22.83
58.72	22.73
59.36	22.65
60.00	22.58

Cruise: 93G11	35.53	27.76
Date: 09 26 1993	36.18	27.42
Time: 01:58:27 GMT	36.82	26.73
Lat: 26 18.792 N	37.46	26.25
Lon: 96 25.682 W	38.11	25.98
Stn: 7	38.75	25.69
Probe type: T-4	39.40	25.53

Depth	Temp		
0.65	28.10	40.04	25.44
1.29	29.01	40.69	25.35
1.94	28.98	41.33	25.16
2.59	28.96	41.98	24.97
3.24	28.95	42.62	24.79
3.88	28.96	43.27	24.70
4.53	28.98	43.91	24.57
5.18	28.99	44.55	24.30
5.82	28.99	45.20	24.18
6.47	28.99	45.84	24.09
7.12	29.00	46.49	24.03
7.76	28.99	47.13	23.95
8.41	29.00	47.77	23.90
9.06	28.99	48.42	23.86
9.70	28.99	49.06	23.75
10.35	28.99	49.71	23.63
11.00	29.04	50.35	23.52
11.64	29.04	50.99	23.44
12.29	29.03	51.64	23.33
12.94	29.03	52.28	23.16
13.58	29.03	52.93	23.04
14.23	29.03	53.57	22.98
14.87	29.03	54.21	22.91
15.52	29.03	54.86	22.81
16.17	29.03	55.50	22.74
16.81	29.03	56.14	22.67
17.46	29.03	56.79	22.57
18.10	29.03	57.43	22.50
18.75	29.03	58.07	22.41
19.40	29.03	58.72	22.29
20.04	29.02	59.36	22.13
20.69	29.03	60.00	21.99
21.33	29.02	60.65	21.87
21.98	29.02	61.29	21.75
22.63	29.02	61.93	21.64
23.27	29.02	62.58	21.50
23.92	29.03	63.22	21.43
24.56	29.03	63.86	21.37
25.21	29.02	64.50	21.32
25.85	29.02	65.15	21.29
26.50	29.02	65.79	21.27
27.14	29.02	66.43	21.23
27.79	29.02	67.08	21.23
28.43	29.00	67.72	21.23
29.08	28.99	68.36	21.23
29.73	28.99	69.00	21.24
30.37	28.97	69.65	21.25
31.02	28.95	70.29	21.24
31.66	28.78	70.93	21.24
32.31	28.51	71.57	21.24
32.95	28.29	72.22	21.24
33.60	28.08	72.86	21.24
34.24	27.98	73.50	21.24
34.89	27.90	74.14	20.52
		74.78	21.34
		75.43	21.36

Cruise: 93G11
 Date: 09 26 1993
 Time: 02:56:50 GMT
 Lat: 26 19.260 N
 Lon: 96 20.306 W
 Stn: 8
 Probe type: T-4

Depth	Temp
0.65	28.75
1.29	29.53
1.94	29.36
2.59	29.30
3.24	29.22
3.88	29.17
4.53	28.70
5.18	29.17
5.82	29.18
6.47	29.13
7.12	29.10
7.76	29.05
8.41	29.01
9.06	29.06
9.70	29.00
10.35	28.97
11.00	28.98
11.64	28.98
12.29	28.98
12.94	28.99
13.58	29.01
14.23	29.02
14.87	29.02
15.52	29.03
16.17	29.04
16.81	29.03
17.46	29.04
18.10	29.04
18.75	29.03
19.40	29.04
20.04	29.03
20.69	29.04
21.33	29.04
21.98	29.03
22.63	29.03
23.27	29.04
23.92	29.02
24.56	29.02
25.21	29.02
25.85	29.00
26.50	28.99
27.14	28.97
27.79	28.96
28.43	28.90
29.08	28.85
29.73	28.75
30.37	28.59
31.02	27.99
31.66	27.45
32.31	27.03
32.95	26.73
33.60	26.54
34.24	26.48
34.89	26.18
35.53	25.79
36.18	25.59
36.82	25.52
37.46	25.38
38.11	25.10
38.75	24.88
39.40	24.70
40.04	24.62
40.69	24.57
41.33	24.46
41.98	24.23
42.62	24.06
43.27	23.88

43.91	23.67
44.55	23.57
45.20	23.50
45.84	23.51
46.49	23.45
47.13	23.38
47.77	23.28
48.42	23.14
49.06	23.04
49.71	22.97
50.35	22.91
50.99	22.85
51.64	22.79
52.28	22.72
52.93	22.61
53.57	22.50
54.21	22.44
54.86	22.37
55.50	22.31
56.14	22.26
56.79	22.18
57.43	22.09
58.07	21.97
58.72	21.88
59.36	21.87
60.00	21.86
60.65	21.84
61.29	21.81
61.93	21.77
62.58	21.68
63.22	21.62
63.86	21.56
64.50	21.49
65.15	21.43
65.79	21.35
66.43	21.26
67.08	21.16
67.72	21.00
68.36	20.83
69.00	20.77
69.65	20.70
70.29	20.59
70.93	20.55
71.57	20.52
72.22	20.53
72.86	20.52
73.50	20.48
74.14	20.45
74.78	20.40
75.43	20.38
76.07	20.37
76.71	20.31
77.35	20.23
77.99	20.18
78.64	20.14
79.28	20.14
79.92	20.09
80.56	20.03
81.20	19.93
81.85	19.82
82.49	19.78
83.13	19.67
83.77	19.58
84.41	19.53
85.05	19.49
85.70	19.47
86.34	19.44
86.98	19.43
87.62	19.37
88.26	19.37
88.90	19.40
89.54	19.33
90.18	19.29
90.83	19.24
91.47	19.16
92.11	19.10

92.75	19.02
93.39	18.96
94.03	18.94
95.31	18.78
95.95	18.71
96.59	18.66
97.23	18.64
97.88	18.64
98.52	18.61
99.16	18.62
99.80	18.61
100.44	18.61
101.08	18.58

101.72	18.57
102.36	18.57
103.00	18.54
103.64	18.48
104.28	18.45
104.92	18.41
105.56	18.38
106.84	18.30
108.12	18.15
108.76	18.21
109.40	18.24
110.04	18.24

Cruise:	93G11	43.91	23.80	92.75	18.44
Date:	09 26 1993	44.55	23.74	93.39	18.39
Time:	16:54:51 GMT	45.20	23.64	94.03	18.31
Lat:	26 18.753 N	45.84	23.58	94.67	18.23
Lon:	96 20.397 W	46.49	23.43	95.31	18.21
Stn:	10	47.13	23.29		
Probe type:	T-4	47.77	23.20		
		48.42	23.13		
Depth	Temp	49.06	23.10		
0.65	28.08	49.71	23.01		
1.29	29.10	50.35	22.96		
1.94	29.11	50.99	22.96		
2.59	29.06	51.64	22.94		
3.24	28.98	52.28	22.88		
3.88	29.04	52.93	22.76		
4.53	29.10	53.57	22.62		
5.18	29.06	54.21	22.58		
5.82	29.05	54.86	22.53		
6.47	29.00	55.50	22.50		
7.12	29.01	56.14	22.42		
7.76	29.02	56.79	22.35		
8.41	29.03	57.43	22.25		
9.06	29.03	58.07	22.11		
9.70	29.03	58.72	22.01		
10.35	29.04	59.36	21.89		
11.00	29.04	60.00	21.80		
11.64	29.04	60.65	21.70		
12.29	29.03	61.29	21.56		
12.94	29.03	61.93	21.43		
13.58	29.03	62.58	21.27		
14.23	29.03	63.22	21.12		
14.87	29.03	63.86	21.01		
15.52	29.03	64.50	20.91		
16.17	29.03	65.15	20.85		
16.81	29.03	65.79	20.80		
17.46	29.02	66.43	20.77		
18.10	29.02	67.08	20.76		
18.75	29.02	67.72	20.73		
19.40	29.02	68.36	20.56		
20.04	29.02	69.00	20.47		
20.69	29.02	69.65	20.42		
21.33	29.02	70.29	20.37		
21.98	29.02	70.93	20.31		
22.63	29.02	71.57	20.25		
23.27	29.02	72.22	20.21		
23.92	29.01	72.86	20.12		
24.56	28.99	73.50	20.06		
25.21	28.96	74.14	20.02		
25.85	28.92	74.78	19.97		
26.50	28.85	75.43	19.91		
27.14	28.72	76.07	19.86		
27.79	28.45	76.71	19.78		
28.43	28.07	77.35	19.77		
29.08	27.40	77.99	19.78		
29.73	27.00	78.64	19.80		
30.37	26.51	79.28	19.76		
31.02	26.33	79.92	19.68		
31.66	26.27	80.56	19.63		
32.31	26.21	81.20	19.58		
32.95	26.06	81.85	19.49		
33.60	25.84	82.49	19.36		
34.24	25.59	83.13	19.24		
34.89	25.44	83.77	19.15		
35.53	25.33	84.41	19.09		
36.18	25.19	85.05	19.04		
36.82	25.05	85.70	18.97		
37.46	24.99	86.34	18.90		
38.11	24.72	86.98	18.87		
38.75	24.45	87.62	18.83		
39.40	24.29	88.26	18.80		
40.04	24.18	88.90	18.79		
40.69	24.11	89.54	18.78		
41.33	24.04	90.18	18.73		
41.98	23.98	90.83	18.69		
42.62	23.92	91.47	18.64		
43.27	23.88	92.11	18.54		

Cruise: 93G11
 Date: 09 26 1993
 Time: 18:07:53 GMT
 Lat: 26 18.731 N
 Lon: 96 24.651 W
 Stn: 11
 Probe type: T-4

Depth	Temp
0.65	28.70
1.29	29.00
1.94	29.02
2.59	29.03
3.24	29.03
3.88	29.03
4.53	29.03
5.18	29.01
5.82	29.01
6.47	29.01
7.12	29.00
7.76	28.99
8.41	28.98
9.06	28.97
9.70	28.97
10.35	28.96
11.00	28.95
11.64	28.93
12.29	28.94
12.94	28.92
13.58	28.92
14.23	28.91
14.87	28.90
15.52	28.90
16.17	28.89
16.81	28.89
17.46	28.89
18.10	28.89
18.75	28.89
19.40	28.88
20.04	28.88
20.69	28.88
21.33	28.88
21.98	28.88
22.63	28.88
23.27	28.88
23.92	28.88
24.56	28.88
25.21	28.88
25.85	28.87
26.50	28.87
27.14	28.87
27.79	28.87
28.43	28.87
29.08	28.87
29.73	28.85
30.37	28.80
31.02	28.33
31.66	27.66
32.31	27.11
32.95	26.68
33.60	26.32
34.24	25.97
34.89	25.65

35.53	25.48
36.18	25.22
36.82	25.07
37.46	24.96
38.11	24.73
38.75	24.61
39.40	24.42
40.04	24.23
40.69	24.05
41.33	23.87
41.98	23.65
42.62	23.42
43.27	23.27
43.91	23.22
44.55	23.18
45.20	23.12
45.84	23.07
46.49	23.02
47.13	22.98
47.77	22.95
48.42	22.90
49.06	22.82
49.71	22.74
50.35	22.62
50.99	22.54
51.64	22.47
52.28	22.42
52.93	22.40
53.57	22.39
54.21	22.37
54.86	22.33
55.50	22.22
56.14	22.16
56.79	22.10
57.43	22.04
58.07	21.97
58.72	21.94
59.36	21.88
60.00	21.80
60.65	21.68
61.29	21.59
61.93	21.48
62.58	21.34
63.22	21.22
63.86	21.17
64.50	21.12
65.15	21.09
65.79	21.08
66.43	21.07
67.08	21.07
67.72	21.08
68.36	21.06
69.00	21.03
69.65	21.03
70.29	21.02
70.93	21.02
71.57	21.01
72.22	21.00
72.86	20.98
73.50	20.94
74.14	20.92
74.78	20.91
75.43	20.90

Cruise: 93G11
 Date: 09 27 1993
 Time: 15:36:19 GMT
 Lat: 26 18.574 N
 Lon: 96 20.397 W
 Stn: 12
 Probe type: T-4

Depth	Temp
0.65	28.19
1.29	28.90
1.94	29.03
2.59	29.03
3.24	29.01
3.88	28.97
4.53	28.99
5.18	29.00
5.82	29.02
6.47	29.02
7.12	29.03
7.76	29.02
8.41	29.02
9.06	29.03
9.70	29.01
10.35	29.00
11.00	29.01
11.64	29.02
12.29	29.02
12.94	29.01
13.58	29.01
14.23	29.00
14.87	29.00
15.52	29.00
16.17	28.99
16.81	29.00
17.46	29.00
18.10	29.02
18.75	29.05
19.40	29.04
20.04	29.04
20.69	29.03
21.33	29.05
21.98	29.05
22.63	29.06
23.27	29.08
23.92	29.07
24.56	29.07
25.21	29.07
25.85	29.07
26.50	29.06
27.14	29.06
27.79	29.04
28.43	28.98
29.08	28.79
29.73	28.46
30.37	28.13
31.02	27.82
31.66	27.71
32.31	27.65
32.95	27.60
33.60	27.53
34.24	27.27
34.89	26.98
35.53	26.72
36.18	26.37
36.82	25.92
37.46	25.57
38.11	25.26
38.75	24.98
39.40	24.82
40.04	24.69
40.69	24.61
41.33	24.54
41.98	24.43
42.62	24.34

43.27	24.28
43.91	24.18
44.55	24.04
45.20	23.95
45.84	23.90
46.49	23.83
47.13	23.75
47.77	23.70
48.42	23.66
49.06	23.52
49.71	23.40
50.35	23.26
50.99	23.13
51.64	22.93
52.28	22.81
52.93	22.68
53.57	22.61
54.21	22.57
54.86	22.53
55.50	22.45
56.14	22.42
56.79	22.41
57.43	22.39
58.07	22.38
58.72	22.36
59.36	22.31
60.00	22.26
60.65	22.19
61.29	22.11
61.93	22.03
62.58	21.96
63.22	21.89
63.86	21.83
64.50	21.80
65.15	21.75
65.79	21.71
66.43	21.70
67.08	21.68
67.72	21.59
68.36	21.43
69.00	21.37
69.65	21.33
70.29	21.30
70.93	21.26
71.57	21.25
72.22	21.22
72.86	21.20
73.50	21.17
74.14	21.12
74.78	21.07
75.43	21.02
76.07	20.97
76.71	20.91
77.35	20.84
77.99	20.78
78.64	20.68
79.28	20.48
79.92	20.37
80.56	20.23
81.20	20.16
81.85	20.12
82.49	20.09
83.13	20.05
83.77	19.98
84.41	19.95
85.05	19.86
85.70	19.79
86.34	19.74
86.98	19.60
87.62	19.46
88.26	19.43
88.90	19.41
89.54	19.40
90.18	19.42

Cruise: 93G11
 Date: 09 27 1993
 Time: 16:30:16 GMT
 Lat: 26 18.684 N
 Lon: 96 21.653 W
 Stn: 13
 Probe type: T-4

Depth	Temp
0.65	28.69
1.29	28.93
1.94	29.06
2.59	29.09
3.24	29.09
3.88	29.09
4.53	29.08
5.18	29.08
5.82	29.08
6.47	29.07
7.12	29.08
7.76	29.07
8.41	29.07
9.06	29.07
9.70	29.08
10.35	29.10
11.00	29.10
11.64	29.09
12.29	29.10
12.94	29.10
13.58	29.10
14.23	29.10
14.87	29.11
15.52	29.12
16.17	29.12
16.81	29.11
17.46	29.10
18.10	29.10
18.75	29.10
19.40	29.11
20.04	29.12
20.69	29.11
21.33	29.11
21.98	29.11
22.63	29.11
23.27	29.12
23.92	29.11
24.56	29.11
25.21	29.11
25.85	29.11
26.50	29.12
27.14	29.14
27.79	29.14
28.43	29.14
29.08	29.12
29.73	29.06
30.37	28.91
31.02	28.72
31.66	28.36
32.31	28.03
32.95	27.80
33.60	27.56
34.24	27.14
34.89	26.85
35.53	26.51
36.18	26.22
36.82	26.03
37.46	25.88
38.11	25.73
38.75	25.48
39.40	25.22
40.04	25.05
40.69	24.87
41.33	24.62
41.98	24.37
42.62	24.25
43.27	24.20

43.91	24.15
44.55	23.97
45.20	23.86
45.84	23.80
46.49	23.73
47.13	23.61
47.77	23.49
48.42	23.38
49.06	23.23
49.71	23.16
50.35	23.07
50.99	22.97
51.64	22.87
52.28	22.80
52.93	22.76
53.57	22.76
54.21	22.75
54.86	22.69
55.50	22.61
56.14	22.55
56.79	22.48
57.43	22.38
58.07	22.29
58.72	22.19
59.36	22.11
60.00	22.06
60.65	21.95
61.29	21.82
61.93	21.68
62.58	21.60
63.22	21.57
63.86	21.56
64.50	21.54
65.15	21.54
65.79	21.54
66.43	21.52
67.08	21.52
67.72	21.51
68.36	21.51
69.00	21.48
69.65	21.43
70.29	21.36
70.93	21.31
71.57	21.26
72.22	21.17
72.86	21.11
73.50	21.07
74.14	20.99
74.78	20.82
75.43	20.69
76.07	20.64
76.71	20.55
77.35	20.50
77.99	20.47
78.64	20.45
79.28	20.45
79.92	20.42
80.56	20.39
81.20	20.35
81.85	20.30
82.49	20.23
83.13	20.15
83.77	20.07
84.41	20.02
85.05	19.93
85.70	19.88
86.34	19.86
86.98	19.86
87.62	19.84
88.26	19.87
88.90	19.86
89.54	19.86
90.18	19.86
90.83	19.86
91.47	19.86
92.11	19.87

Cruise: 93G11
 Date: 09 27 1993
 Time: 18:57:42 GMT
 Lat: 26 16.683 N
 Lon: 96 22.448 W
 Stn: 14
 Probe type: T-4

Depth	Temp
0.65	28.49
1.29	29.05
1.94	29.05
2.59	29.04
3.24	29.04
3.88	29.03
4.53	29.03
5.18	29.03
5.82	29.03
6.47	29.03
7.12	29.02
7.76	29.03
8.41	29.02
9.06	29.02
9.70	29.04
10.35	29.05
11.00	29.05
11.64	29.05
12.29	29.05
12.94	29.05
13.58	29.05
14.23	29.05
14.87	29.05
15.52	29.04
16.17	29.04
16.81	29.04
17.46	29.04
18.10	29.04
18.75	29.04
19.40	29.05
20.04	29.05
20.69	29.05
21.33	29.04
21.98	29.03
22.63	29.05
23.27	29.04
23.92	29.05
24.56	29.04
25.21	29.05
25.85	29.06
26.50	29.05
27.14	29.06
27.79	29.06
28.43	29.06
29.08	29.06
29.73	29.06
30.37	29.06
31.02	29.05
31.66	28.94
32.31	28.67
32.95	28.42
33.60	28.20
34.24	27.91
34.89	27.70
35.53	27.39
36.18	26.95
36.82	26.59
37.46	26.29

38.11	26.12
38.75	25.99
39.40	25.82
40.04	25.49
40.69	25.19
41.33	24.99
41.98	24.81
42.62	24.66
43.27	24.39
43.91	24.21
44.55	24.11
45.20	24.04
45.84	23.99
46.49	23.89
47.13	23.83
47.77	23.73
48.42	23.58
49.06	23.48
49.71	23.37
50.35	23.19
50.99	23.03
51.64	22.94
52.28	22.86
52.93	22.77
53.57	22.65
54.21	22.57
54.86	22.49
55.50	22.37
56.14	22.27
56.79	22.21
57.43	22.17
58.07	22.12
58.72	22.08
59.36	22.01
60.00	21.93
60.65	21.88
61.29	21.86
61.93	21.85
62.58	21.83
63.22	21.82
63.86	21.78
64.50	21.73
65.15	21.68
65.79	21.65
66.43	21.59
67.08	21.51
67.72	21.40
68.36	21.34
69.00	21.27
69.65	21.11
70.29	21.06
70.93	21.02
71.57	20.98
72.22	20.96
72.86	20.93
73.50	20.88
74.14	20.84
74.78	20.82
75.43	20.78
76.07	20.73
76.71	20.62
77.35	20.52
77.99	20.43
78.64	20.36
79.28	20.31
79.92	20.27
80.56	20.20

Cruise: 93G11
 Date: 09 28 1993
 Time: 18:22:21 GMT
 Lat: 26 18.488 N
 Lon: 96 22.434 W
 Stn: 15
 Probe type: T-4

Depth	Temp	38.11	26.46
0.65	28.28	38.75	26.01
1.29	28.94	39.40	25.64
1.94	28.96	40.04	25.38
2.59	28.94	40.69	25.12
3.24	28.94	41.33	24.87
3.88	28.92	41.98	24.74
4.53	28.85	42.62	24.63
5.18	28.71	43.27	24.51
5.82	28.63	43.91	24.39
6.47	28.84	44.55	24.28
7.12	28.86	45.20	24.11
7.76	28.85	45.84	23.85
8.41	28.86	46.49	23.68
9.06	28.89	47.13	23.54
9.70	28.88	47.77	23.41
10.35	28.89	48.42	23.34
11.00	28.88	49.06	23.27
11.64	28.88	49.71	23.20
12.29	28.87	50.35	23.04
12.94	28.87	50.99	22.88
13.58	28.87	51.64	22.73
14.23	28.85	52.28	22.66
14.87	28.85	52.93	22.57
15.52	28.84	53.57	22.43
16.17	28.86	54.21	22.37
16.81	28.87	54.86	22.33
17.46	28.85	55.50	22.29
18.10	28.85	56.14	22.24
18.75	28.84	56.79	22.16
19.40	28.83	57.43	22.07
20.04	28.82	58.07	21.90
20.69	28.83	58.72	21.79
21.33	28.82	59.36	21.69
21.98	28.82	60.00	21.60
22.63	28.83	60.65	21.43
23.27	28.83	61.29	21.30
23.92	28.82	61.93	21.26
24.56	28.84	62.58	21.24
25.21	28.83	63.22	21.23
25.85	28.83	63.86	21.22
26.50	28.82	64.50	21.21
27.14	28.84	65.15	21.20
27.79	28.81	65.79	21.20
28.43	28.82	66.43	21.17
29.08	28.81	67.08	21.09
29.73	28.82	67.72	20.95
30.37	28.81	68.36	20.84
31.02	28.80	69.00	20.78
31.66	28.80	69.65	20.73
32.31	28.71	70.29	20.72
32.95	28.45	70.93	20.71
33.60	28.02	71.57	20.71
34.24	27.73	72.22	20.71
34.89	27.50	72.86	20.71
35.53	27.43	73.50	20.70
36.18	27.27	74.14	20.70
36.82	27.18	74.78	20.70
37.46	26.90	75.43	20.70
		76.07	20.70
		76.71	20.70
		77.35	20.70
		77.99	20.69
		78.64	20.70
		79.28	20.71
		79.92	20.70
		80.56	20.70

Cruise: 93G11
 Date: 09 28 1993
 Time: 19:52:25 GMT
 Lat: 26 17.799 N
 Lon: 96 24.839 W
 Stn: 16
 Probe type: T-4

Depth	Temp	38.11	25.25
0.65	28.48	38.75	25.11
1.29	28.93	39.40	24.93
1.94	28.93	40.04	24.73
2.59	28.92	40.69	24.60
3.24	28.81	41.33	24.51
3.88	28.84	41.98	24.37
4.53	28.77	42.62	24.17
5.18	28.76	43.27	23.98
5.82	28.75	43.91	23.84
6.47	28.84	44.55	23.71
7.12	28.86	45.20	23.64
7.76	28.84	45.84	23.53
8.41	28.85	46.49	23.37
9.06	28.85	47.13	23.14
9.70	28.85	47.77	23.00
10.35	28.84	48.42	22.85
11.00	28.84	49.06	22.74
11.64	28.84	49.71	22.65
12.29	28.84	50.35	22.59
12.94	28.84	50.99	22.53
13.58	28.83	51.64	22.46
14.23	28.83	52.28	22.39
14.87	28.83	52.93	22.34
15.52	28.83	53.57	22.30
16.17	28.83	54.21	22.27
16.81	28.82	54.86	22.24
17.46	28.82	55.50	22.22
18.10	28.83	56.14	22.17
18.75	28.82	56.79	22.11
19.40	28.83	57.43	22.06
20.04	28.82	58.07	22.03
20.69	28.82	58.72	22.01
21.33	28.82	59.36	21.94
21.98	28.82	60.00	21.84
22.63	28.82	60.65	21.78
23.27	28.80	61.29	21.72
23.92	28.81	61.93	21.58
24.56	28.80	62.58	21.47
25.21	28.81	63.22	21.44
25.85	28.81	63.86	21.42
26.50	28.81	64.50	21.42
27.14	28.78	65.15	21.41
27.79	28.72	65.79	21.41
28.43	28.64	66.43	21.41
29.08	28.37	67.08	21.41
29.73	27.79	67.72	21.41
30.37	27.11	68.36	21.41
31.02	26.82	68.36	21.41
31.66	26.70	69.00	21.41
32.31	26.57	69.65	21.41
32.95	26.40	70.29	21.41
33.60	26.18	70.93	21.41
34.24	25.97	71.57	21.41
34.89	25.89	72.22	21.41
35.53	25.75	72.86	21.41
36.18	25.57	73.50	21.40
36.82	25.47	74.14	21.51
37.46	25.36	74.78	21.44
		75.43	21.41
		76.07	21.40
		76.71	21.40
		77.35	21.40
		77.99	21.39
		78.64	21.39
		79.28	21.39
		79.92	21.39
		80.56	21.39

Cruise: 93G11
Date: 09 28 1993
Time: 21:29:51 GMT
Lat: 26 17.928 N
Lon: 96 27.543 W
Stn: 17
Probe type: T-4

Depth	Temp
0.65	28.30
1.29	28.78
1.94	28.87
2.59	28.88
3.24	28.87
3.88	28.86
4.53	28.86
5.18	28.85
5.82	28.86
6.47	28.87
7.12	28.87
7.76	28.87
8.41	28.85
9.06	28.85
9.70	28.85
10.35	28.82
11.00	28.81
11.64	28.82
12.29	28.80
12.94	28.79
13.58	28.76
14.23	28.69
14.87	28.70
15.52	29.32
16.17	29.21
16.81	29.06
17.46	28.90
18.10	28.83
18.75	28.77
19.40	28.73
20.04	28.71
20.69	28.71
21.33	28.70
21.98	28.71
22.63	28.70
23.27	28.71
23.92	28.69
24.56	28.69
25.21	28.70
25.85	28.69
26.50	28.68
27.14	28.67
27.79	28.67
28.43	28.66
29.08	28.64
29.73	28.61

30.37	28.52
31.02	28.28
31.66	28.03
32.31	27.65
32.95	27.48
33.60	27.27
34.24	27.10
34.89	26.75
35.53	26.41
36.18	26.10
36.82	25.73
37.46	25.44
38.11	25.20
38.75	25.02
39.40	24.86
40.04	24.65
40.69	24.45
41.33	24.31
41.98	24.27
42.62	24.26
43.27	24.19
43.91	24.11
44.55	24.00
45.20	23.89
45.84	23.80
46.49	23.72
47.13	23.62
47.77	23.51
48.42	23.47
49.06	23.47
49.71	23.42
50.35	23.31
50.99	23.20
51.64	23.13
52.28	23.04
52.93	22.95
53.57	22.89
54.21	22.80
54.86	22.73
55.50	22.66
56.14	22.60
56.79	22.55
57.43	22.51
58.07	22.44
58.72	22.30
59.36	22.26
60.00	22.24
60.65	22.20
61.29	22.17
61.93	22.15
62.58	22.15
63.22	22.15
63.86	22.16
64.50	22.15
65.15	22.16

Cruise: 93G11
Date: 09 28 1993
Time: 23:35:05 GMT
Lat: 26 17.883 N
Lon: 96 32.622 W
Stn: 18
Probe type: T-4

Depth	Temp
0.65	27.85
1.29	28.60
1.94	28.72
2.59	28.71
3.24	28.69
3.88	28.61
4.53	28.53
5.18	28.67
5.82	28.67
6.47	28.69
7.12	28.68
7.76	28.69
8.41	28.69
9.06	28.68
9.70	28.68
10.35	28.69
11.00	28.69
11.64	28.66
12.29	28.70
12.94	28.69
13.58	28.69
14.23	28.67
14.87	28.67
15.52	28.66
16.17	28.70
16.81	28.69
17.46	28.68
18.10	28.67
18.75	28.67
19.40	28.66
20.04	28.69
20.69	28.69
21.33	28.70
21.98	28.70
22.63	28.70
23.27	28.69
23.92	28.70
24.56	28.73
25.21	28.79

25.85	28.76
26.50	28.79
27.14	28.78
27.79	28.75
28.43	28.75
29.08	28.73
29.73	28.73
30.37	28.72
31.02	28.71
31.66	28.70
32.31	28.69
32.95	28.57
33.60	28.44
34.24	28.16
34.89	27.66
35.53	27.26
36.18	26.93
36.82	26.76
37.46	26.65
38.11	26.39
38.75	26.20
39.40	26.08
40.04	26.03
40.69	25.98
41.33	25.88
41.98	25.78
42.62	25.66
43.27	25.59
43.91	25.53
44.55	25.39
45.20	25.19
45.84	25.07
46.49	25.03
47.13	24.96
47.77	24.86
48.42	24.77
49.06	24.71
49.71	24.62
50.35	24.42
50.99	24.19
51.64	24.10
52.28	24.05
52.93	24.03
53.57	23.94
54.21	23.85
54.86	23.79
55.50	23.73

Cruise: 93G11
Date: 09 29 1993
Time: 01:03:42 GMT
Lat: 26 17.896 N
Lon: 96 34.797 W
Stn: 19
Probe type: T-4

Depth	Temp		
0.65	27.65	25.85	28.48
1.29	28.70	26.50	28.48
1.94	28.72	27.14	28.48
2.59	28.71	27.79	28.48
3.24	28.70	28.43	28.48
3.88	28.72	29.08	28.47
4.53	28.70	29.73	28.45
5.18	28.61	30.37	28.45
5.82	28.43	31.02	28.44
6.47	28.53	31.66	28.44
7.12	28.57	32.31	28.44
7.76	28.52	32.95	28.44
8.41	28.51	33.60	28.45
9.06	28.50	34.24	28.44
9.70	28.59	34.89	28.44
10.35	28.61	35.53	28.43
11.00	28.61	36.18	28.39
11.64	28.60	36.82	28.07
12.29	28.61	37.46	27.81
12.94	28.62	38.11	27.69
13.58	28.62	38.75	27.57
14.23	28.62	39.40	27.47
14.87	28.62	40.04	27.21
15.52	28.61	40.69	26.67
16.17	28.62	41.33	26.23
16.81	28.61	41.98	26.03
17.46	28.60	42.62	25.75
18.10	28.60	43.27	25.58
18.75	28.59	43.91	25.50
19.40	28.58	44.55	25.47
20.04	28.59	45.20	25.45
20.69	28.59	45.84	25.42
21.33	28.59	46.49	25.40
21.98	28.58	47.13	25.32
22.63	28.55	47.77	25.29
23.27	28.54	48.42	25.26
23.92	28.54	49.06	25.20
24.56	28.51	49.71	25.15
25.21	28.50	50.35	25.09
		50.99	24.96
		51.64	24.82
		52.28	24.74
		52.93	24.68
		53.57	24.64
		54.21	24.49
		54.86	24.27
		55.50	23.86

Cruise: 93G11
Date: 09 29 1993
Time: 04:10:50 GMT
Lat: 26 25.050 N
Lon: 96 32.376 W
Stn: 20
Probe type: T-4

Depth	Temp		
0.65	27.88	33.60	28.65
1.29	28.60	34.24	28.65
1.94	28.55	34.89	28.63
2.59	28.58	35.53	28.58
3.24	28.57	36.18	28.48
3.88	28.63	36.82	28.33
4.53	28.63	37.46	28.09
5.18	28.63	38.11	27.75
5.82	28.61	38.75	27.33
6.47	28.61	39.40	27.12
7.12	28.60	40.04	27.00
7.76	28.61	40.69	26.78
8.41	28.61	41.33	26.57
9.06	28.61	41.98	26.32
9.70	28.61	42.62	26.18
10.35	28.61	43.27	26.12
11.00	28.61	43.91	26.06
11.64	28.61	44.55	25.93
12.29	28.61	45.20	25.80
12.94	28.60	45.84	25.69
13.58	28.61	46.49	25.53
14.23	28.63	47.13	25.23
14.87	28.64	47.77	25.03
15.52	28.67	48.42	24.76
16.17	28.68	49.06	24.49
16.81	28.68	49.71	24.39
17.46	28.67	50.35	24.27
18.10	28.69	50.99	23.93
18.75	28.68	51.64	23.68
19.40	28.68	52.28	23.56
20.04	28.68	52.93	23.47
20.69	28.68	53.57	23.41
21.33	28.68	54.21	23.32
21.98	28.67	54.86	23.26
22.63	28.67	55.50	23.24
23.27	28.68		23.22
23.92	28.69		23.22
24.56	28.67		23.18
25.21	28.68		23.17
25.85	28.68		23.17
26.50	28.69		23.14
27.14	28.68		23.12
27.79	28.67		23.11
28.43	28.67		23.10
29.08	28.67		23.09
29.73	28.69		23.07
30.37	28.68		23.06
31.02	28.68		23.06
31.66	28.68		23.03
32.31	28.67		22.93
32.95	28.67		22.86

Cruise: 93G11
 Date: 09 29 1993
 Time: 06:45:00 GMT
 Lat: 26 21.247 N
 Lon: 96 25.361 W
 Stn: 21
 Probe type: T-4

Depth	Temp	35.53	27.49
0.65	27.79	36.18	27.28
1.29	28.71	36.82	27.05
1.94	28.74	37.46	26.65
2.59	28.75	38.11	26.23
3.24	28.73	38.75	25.94
3.88	28.70	39.40	25.69
4.53	28.63	40.04	25.33
5.18	28.57	40.69	25.08
5.82	28.55	41.33	24.88
6.47	28.49	41.98	24.65
7.12	28.64	42.62	24.43
7.76	28.65	43.27	24.33
8.41	28.65	43.91	24.29
9.06	28.64	44.55	24.28
9.70	28.66	45.20	24.26
10.35	28.66	45.84	24.25
11.00	28.66	46.49	24.25
11.64	28.65	47.13	24.23
12.29	28.67	47.77	24.23
12.94	28.66	48.42	24.21
13.58	28.66	49.06	24.21
14.23	28.66	49.71	24.21
14.87	28.66	50.35	24.20
15.52	28.67	50.99	24.19
16.17	28.66	51.64	24.19
16.81	28.66	52.28	24.13
17.46	28.67	52.93	24.04
18.10	28.68	53.57	23.95
18.75	28.77	54.21	23.88
19.40	28.94	54.86	23.79
20.04	28.93	55.50	23.67
20.69	29.08	56.14	23.56
21.33	28.99	56.79	23.52
21.98	29.16	57.43	23.44
22.63	29.25	58.07	23.28
23.27	28.94	58.72	23.10
23.92	28.89	59.36	22.93
24.56	28.87	60.00	22.78
25.21	28.83	60.65	22.67
25.85	28.83	61.29	22.51
26.50	28.80	61.93	22.38
27.14	28.80	62.58	22.32
27.79	28.79	63.22	22.30
28.43	28.79	63.86	22.28
29.08	28.78	64.50	22.21
29.73	28.79	65.15	22.18
30.37	28.76	65.79	22.15
31.02	28.74	66.43	22.07
31.66	28.73	67.08	21.99
32.31	28.70	67.72	21.90
32.95	28.58	68.36	21.81
33.60	28.43	69.00	21.66
34.24	28.28	69.65	21.56
34.89	27.84	70.29	21.49
		70.93	21.29
		71.57	21.16
		72.22	21.10
		72.86	21.08
		73.50	21.08
		74.14	21.07
		74.78	21.06

Cruise: 93G11
 Date: 09 29 1993
 Time: 16:19:54 GMT
 Lat: 26 17.843 N
 Lon: 96 21.483 W
 Stn: 22
 Probe type: T-10

Depth	Temp	18.25	28.69
0.63	28.22	18.88	28.69
1.26	28.58	19.51	28.69
1.89	28.69	20.14	28.70
2.52	28.69	20.77	28.70
3.15	28.68	21.40	28.69
3.78	28.62	22.03	28.70
4.41	28.68	22.66	28.69
5.04	28.69	23.28	28.70
5.67	28.69	23.91	28.70
6.30	28.70	24.54	28.69
6.93	28.69	25.17	28.71
7.56	28.70	25.80	28.69
8.19	28.70	26.43	28.69
8.82	28.69	27.05	28.69
9.45	28.70	27.68	28.69
10.08	28.69	28.31	28.70
10.71	28.70	28.94	28.70
11.33	28.70	29.57	28.70
11.96	28.70	30.20	28.70
12.59	28.69	30.82	28.69
13.22	28.69	31.45	28.70
13.85	28.69	32.08	28.69
14.48	28.69	32.71	28.69
15.11	28.71	33.33	28.70
15.74	28.70	33.96	28.69
16.37	28.69	34.59	28.69
17.00	28.70	35.22	28.69
17.63	28.69	35.85	28.69
		36.47	28.68
		37.10	28.67
		37.73	28.65
		38.36	28.62
		38.98	40.00
		39.61	40.00
		40.24	40.00

no data below 38 m (probe grounded out prematurely)

Cruise: 93G11
 Date: 09 29 1993
 Time: 16:50:54 GMT
 Lat: 26 17.889 N
 Lon: 96 23.878 W
 Stn: 23
 Probe type: T-10

Depth	Temp
0.63	27.74
1.26	28.68
1.89	28.69
2.52	28.66
3.15	28.71
3.78	28.71
4.41	28.72
5.04	28.72
5.67	28.71
6.30	28.72
6.93	28.71
7.56	28.72
8.19	28.72
8.82	28.72
9.45	28.72
10.08	28.71
10.71	28.72
11.33	28.72
11.96	28.72
12.59	28.72
13.22	28.71
13.85	28.71
14.48	28.71
15.11	28.72
15.74	28.71
16.37	28.71
17.00	28.71
17.63	28.71
18.25	28.71
18.88	28.70
19.51	28.71
20.14	28.71
20.77	28.71
21.40	28.72
22.03	28.71
22.66	28.71
23.28	28.71
23.91	28.72
24.54	28.71
25.17	28.71
25.80	28.71
26.43	28.72
27.05	28.71
27.68	28.71
28.31	28.71
28.94	28.71
29.57	28.71
30.20	28.71
30.82	28.71
31.45	28.71
32.08	28.71
32.71	28.71
33.33	28.70
33.96	28.70
34.59	28.43
35.22	27.83
35.85	27.35
36.47	26.97
37.10	26.67
37.73	26.34

38.36	26.11
38.98	25.94
39.61	25.76
40.24	25.42
40.87	25.14
41.49	25.03
42.12	24.96
42.75	24.90
43.37	24.74
44.00	24.59
44.63	24.43
45.26	24.29
45.88	24.18
46.51	24.10
47.14	24.03
47.76	23.90
48.39	23.77
49.02	23.69
49.64	23.62
50.27	23.56
50.90	23.47
51.52	23.36
52.15	23.27
52.78	23.21
53.40	23.17
54.03	23.13
54.66	23.03
55.28	22.92
55.91	22.79
56.53	22.72
57.16	22.68
57.79	22.65
58.41	22.63
59.04	22.59
59.66	22.50
60.29	22.35
60.92	22.25
61.54	22.16
62.17	22.07
62.79	22.01
63.42	21.97
64.05	21.93
64.67	21.88
65.30	21.80
65.92	21.69
66.55	21.61
67.17	21.53
67.80	21.47
68.42	21.34
69.05	21.27
69.67	21.24
70.30	21.22
70.93	21.22
71.55	21.22
72.18	21.21
72.80	21.22
73.43	21.21
74.05	21.21
74.68	21.24
75.30	21.25
75.93	21.24
76.55	21.25
77.18	21.26
77.80	21.27
78.43	21.28
79.05	21.29
79.67	21.29
80.30	21.30

Cruise: 93G11
 Date: 09 29 1993
 Time: 20:25:26 GMT
 Lat: 26 17.819 N
 Lon: 96 25.876 W
 Stn: 24
 Probe type: T-10

Depth	Temp
0.63	27.18
1.26	28.41
1.89	28.55
2.52	28.65
3.15	28.75
3.78	28.78
4.41	28.79
5.04	28.79
5.67	28.78
6.30	28.79
6.93	28.79
7.56	28.79
8.19	28.79
8.82	28.79
9.45	28.79
10.08	28.80
10.71	28.79
11.33	28.80
11.96	28.79
12.59	28.79
13.22	28.80
13.85	28.79
14.48	28.80
15.11	28.80
15.74	28.79
16.37	28.77
17.00	28.77
17.63	28.76
18.25	28.76
18.88	28.76
19.51	28.76
20.14	28.75
20.77	28.74
21.40	28.74
22.03	28.73
22.66	28.73
23.28	28.73
23.91	28.73
24.54	28.73
25.17	28.73
25.80	28.73
26.43	28.73
27.05	28.73
27.68	28.73
28.31	28.72
28.94	28.71
29.57	28.71
30.20	28.72
30.82	28.72
31.45	28.70
32.08	28.71
32.71	28.72

33.33	28.71
33.96	28.70
34.59	28.70
35.22	28.42
35.85	27.75
36.47	26.93
37.10	26.35
37.73	26.00
38.36	25.57
38.98	25.38
39.61	25.24
40.24	25.15
40.87	25.02
41.49	24.80
42.12	24.67
42.75	24.53
43.37	24.38
44.00	24.27
44.63	24.11
45.26	24.04
45.88	23.92
46.51	23.85
47.14	23.81
47.76	23.75
48.39	23.59
49.02	23.53
49.64	23.51
50.27	23.47
50.90	23.34
51.52	23.29
52.15	23.25
52.78	23.22
53.40	23.12
54.03	23.02
54.66	22.95
55.28	22.90
55.91	22.84
56.53	22.78
57.16	22.74
57.79	22.66
58.41	22.57
59.04	22.51
59.66	22.45
60.29	22.33
60.92	22.24
61.54	22.17
62.17	22.12
62.79	22.08
63.42	22.01
64.05	21.90
64.67	21.84
65.30	21.81
65.92	21.80
66.55	21.80
67.17	21.78
67.80	21.77
68.42	21.78
69.05	21.78
69.67	21.78
70.30	21.78

Cruise: 93G11
Date: 09 29 1993
Time: 23:31:02 GMT
Lat: 26 17.911 N
Lon: 96 28.112 W
Stn: 25
Probe type: T-10

Depth	Temp
0.63	26.60
1.26	28.35
1.89	28.53
2.52	28.64
3.15	28.69
3.78	28.56
4.41	28.66
5.04	28.65
5.67	28.66
6.30	28.66
6.93	28.66
7.56	28.65
8.19	28.66
8.82	28.66
9.45	28.65
10.08	28.66
10.71	28.67
11.33	28.67
11.96	28.68
12.59	28.67
13.22	28.67
13.85	28.67
14.48	28.67
15.11	28.67
15.74	28.67
16.37	28.67
17.00	28.67
17.63	28.67
18.25	28.67
18.88	28.66
19.51	28.67
20.14	28.67
20.77	28.67
21.40	28.67
22.03	28.67
22.66	28.67
23.28	28.67
23.91	28.67
24.54	28.67
25.17	28.67
25.80	28.67
26.43	28.67
27.05	28.67
27.68	28.66
28.31	28.67
28.94	28.67
29.57	28.67
30.20	28.66

30.82	28.67
31.45	28.67
32.08	28.67
32.71	28.66
33.33	28.66
33.96	28.67
34.59	28.67
35.22	28.56
35.85	27.98
36.47	27.70
37.10	27.49
37.73	27.35
38.36	27.08
38.98	26.85
39.61	26.67
40.24	26.47
40.87	26.32
41.49	26.20
42.12	26.10
42.75	25.95
43.37	25.69
44.00	25.36
44.63	25.13
45.26	24.96
45.88	24.80
46.51	24.68
47.14	24.57
47.76	24.48
48.39	24.41
49.02	24.35
49.64	24.22
50.27	24.08
50.90	24.00
51.52	23.91
52.15	23.82
52.78	23.77
53.40	23.67
54.03	23.54
54.66	23.32
55.28	23.18
55.91	23.09
56.53	23.02
57.16	22.96
57.79	22.92
58.41	22.74
59.04	22.66
59.66	22.64
60.29	22.62
60.92	22.62
61.54	22.61
62.17	22.62
62.79	22.62
63.42	22.62
64.05	22.61
64.67	22.61
65.30	22.62

Cruise: 93G11
Date: 09 30 1993
Time: 02:16:24 GMT
Lat: 26 17.915 N
Lon: 96 30.517 W
Stn: 26
Probe type: T-10

Depth	Temp
0.63	27.09
1.26	27.90
1.89	28.25
2.52	28.43
3.15	28.50
3.78	28.53
4.41	28.54
5.04	28.53
5.67	28.54
6.30	28.54
6.93	28.55
7.56	28.55
8.19	28.55
8.82	28.55
9.45	28.55
10.08	28.55
10.71	28.56
11.33	28.57
11.96	28.56
12.59	28.56
13.22	28.56
13.85	28.56
14.48	28.56
15.11	28.56
15.74	28.56
16.37	28.56
17.00	28.56
17.63	28.57
18.25	28.57
18.88	28.58
19.51	28.58
20.14	28.58
20.77	28.58
21.40	28.60
22.03	28.62
22.66	28.63
23.28	28.63
23.91	28.63
24.54	28.63
25.17	28.62
25.80	28.62
26.43	28.62
27.05	28.60
27.68	28.58

28.31	28.56
28.94	28.55
29.57	28.52
30.20	28.49
30.82	28.47
31.45	28.47
32.08	28.45
32.71	28.44
33.33	28.41
33.96	28.36
34.59	28.30
35.22	28.20
35.85	28.10
36.47	27.85
37.10	27.60
37.73	27.43
38.36	27.23
38.98	26.92
39.61	26.61
40.24	26.32
40.87	26.01
41.49	25.76
42.12	25.65
42.75	25.54
43.37	25.42
44.00	25.34
44.63	25.25
45.26	25.07
45.88	24.84
46.51	24.66
47.14	24.53
47.76	24.45
48.39	24.30
49.02	24.10
49.64	23.91
50.27	23.66
50.90	23.49
51.52	23.37
52.15	23.27
52.78	23.23
53.40	23.20
54.03	23.18
54.66	23.16
55.28	23.15
55.91	23.14
56.53	23.07
57.16	23.02
57.79	23.00
58.41	22.98
59.04	22.98
59.66	22.97
60.29	22.98

Cruise: 93G11
 Date: 09 30 1993
 Time: 21:51:39 GMT
 Lat: 26 18.143 N
 Lon: 96 26.067 W
 Stn: 27
 Probe type: T-10

Depth	Temp	33.33	27.49
0.63	27.77	33.96	27.33
1.26	28.41	34.59	27.03
1.89	28.56	35.22	26.75
2.52	28.64	35.85	26.47
3.15	28.60	36.47	26.20
3.78	28.60	37.10	26.05
4.41	28.59	37.73	25.85
5.04	28.63	38.36	25.62
5.67	28.62	38.98	25.36
6.30	28.64	39.61	25.18
6.93	28.64	40.24	25.04
7.56	28.64	40.87	24.93
8.19	28.64	41.49	24.77
8.82	28.65	42.12	24.64
9.45	28.64	42.75	24.56
10.08	28.64	43.37	24.49
10.71	28.64	44.00	24.43
11.33	28.65	44.63	24.34
11.96	28.64	45.26	24.28
12.59	28.62	45.88	24.20
13.22	28.61	46.51	24.13
13.85	28.60	47.14	24.03
14.48	28.58	47.76	23.91
15.11	28.57	48.39	23.81
15.74	28.56	49.02	23.70
16.37	28.56	49.64	23.61
17.00	28.56	50.27	23.54
17.63	28.56	50.90	23.44
18.25	28.55	51.52	23.28
18.88	28.56	52.15	23.12
19.51	28.56	52.78	23.02
20.14	28.56	53.40	22.93
20.77	28.56	54.03	22.87
21.40	28.56	54.66	22.83
22.03	28.57	55.28	22.79
22.66	28.56	55.91	22.73
23.28	28.56	56.53	22.68
23.91	28.57	57.16	22.64
24.54	28.56	57.79	22.62
25.17	28.56	58.41	22.59
25.80	28.56	59.04	22.53
26.43	28.56	59.66	22.44
27.05	28.56	60.29	22.36
27.68	28.55	60.92	22.28
28.31	28.55	61.54	22.17
28.94	28.54	62.17	22.08
29.57	28.51	62.79	22.03
30.20	28.42	63.42	21.99
30.82	28.36	64.05	21.93
31.45	28.21	64.67	21.86
32.08	27.96	65.30	21.81
32.71	27.69	65.92	21.76
		66.55	21.74
		67.17	21.73
		67.80	21.68
		68.42	21.67
		69.05	21.65
		69.67	21.63
		70.30	21.63

Cruise: 93G11
 Date: 10 02 1993
 Time: 16:01:34 GMT
 Lat: 26 18.660 N
 Lon: 96 21.598 W
 Stn: 28
 Probe type: T-4

Depth	Temp	40.69	25.39
0.65	27.91	41.33	25.28
1.29	28.19	41.98	25.14
1.94	28.19	42.62	25.02
2.59	28.22	43.27	24.88
3.24	28.42	43.91	24.78
3.88	28.41	44.55	24.68
4.53	28.44	45.20	24.55
5.18	28.43	45.84	24.40
5.82	28.40	46.49	24.29
6.47	28.45	47.13	24.11
7.12	28.44	47.77	23.99
7.76	28.43	48.42	23.79
8.41	28.44	49.06	23.64
9.06	28.45	49.71	23.53
9.70	28.44	50.35	23.39
10.35	28.43	50.99	23.31
11.00	28.44	51.64	23.25
11.64	28.39	52.28	23.15
12.29	28.42	52.93	22.97
12.94	28.38	53.57	22.81
13.58	28.36	54.21	22.67
14.23	28.39	54.86	22.41
14.87	28.36	55.50	22.15
15.52	28.39	56.14	22.05
16.17	28.35	56.79	22.01
16.81	28.35	57.43	22.02
17.46	28.30	58.07	22.02
18.10	28.30	58.72	22.02
18.75	28.27	59.36	21.99
19.40	28.29	60.00	21.87
20.04	28.26	60.65	21.70
20.69	28.26	61.29	21.63
21.33	28.28	61.93	21.55
21.98	28.22	62.58	21.44
22.63	28.21	63.22	21.37
23.27	28.19	63.86	21.30
23.92	28.15	64.50	21.22
24.56	28.15	65.15	21.05
25.21	28.11	65.79	20.86
25.85	28.10	66.43	20.77
26.50	28.03	67.08	20.73
27.14	27.99	67.72	20.74
27.79	28.02	68.36	20.75
28.43	28.06	69.00	20.74
29.08	28.10	69.65	20.76
29.73	28.11	70.29	20.75
30.37	28.11	70.93	20.74
31.02	28.11	71.57	20.74
31.66	28.12	72.22	20.74
32.31	28.11	72.86	20.73
32.95	28.11	73.50	20.73
33.60	28.10	74.14	20.74
34.24	28.09	74.78	20.73
34.89	28.07	75.43	20.73
35.53	27.89	76.07	20.72
36.18	27.70	76.71	20.72
36.82	27.56	77.35	20.68
37.46	26.90	77.99	20.68
38.11	26.32	78.64	20.62
38.75	25.90	79.28	20.55
39.40	25.68	79.92	20.46
40.04	25.55	80.56	20.38
		81.20	20.35
		81.85	20.25
		82.49	20.23
		83.13	20.20
		83.77	20.19
		84.41	20.11
		85.05	20.06

Cruise: 93G11
Date: 10 02 1993
Time: 21:20:12 GMT
Lat: 26 18.691 N
Lon: 96 23.751 W
Stn: 29
Probe type: T-4

Depth	Temp
0.65	26.52
1.29	28.30
1.94	28.40
2.59	28.41
3.24	28.42
3.88	28.42
4.53	28.43
5.18	28.43
5.82	28.42
6.47	28.43
7.12	28.43
7.76	28.43
8.41	28.44
9.06	28.44
9.70	28.43
10.35	28.43
11.00	28.43
11.64	28.43
12.29	28.44
12.94	28.44
13.58	28.43
14.23	28.43
14.87	28.43
15.52	28.43
16.17	28.43
16.81	28.43
17.46	28.42
18.10	28.42
18.75	28.42
19.40	28.42
20.04	28.43
20.69	28.43
21.33	28.43
21.98	28.43
22.63	28.42
23.27	28.42
23.92	28.42
24.56	28.41
25.21	28.41
25.85	28.41
26.50	28.40
27.14	28.41
27.79	28.41
28.43	28.41
29.08	28.41
29.73	28.41
30.37	28.41
31.02	28.40
31.66	28.40
32.31	28.40
32.95	28.40
33.60	28.40
34.24	28.40
34.89	28.40
35.53	28.40

36.18	28.40
36.82	28.40
37.46	28.38
38.11	28.23
38.75	27.60
39.40	26.89
40.04	26.57
40.69	26.33
41.33	25.98
41.98	25.75
42.62	25.54
43.27	25.35
43.91	25.16
44.55	24.90
45.20	24.69
45.84	24.60
46.49	24.53
47.13	24.43
47.77	24.28
48.42	24.07
49.06	23.95
49.71	23.86
50.35	23.74
50.99	23.63
51.64	23.55
52.28	23.46
52.93	23.39
53.57	23.31
54.21	23.21
54.86	23.14
55.50	23.09
56.14	22.95
56.79	22.75
57.43	22.64
58.07	22.54
58.72	22.41
59.36	22.27
60.00	22.13
60.65	22.03
61.29	21.96
61.93	21.85
62.58	21.70
63.22	21.57
63.86	21.44
64.50	21.39
65.15	21.34
65.79	21.30
66.43	21.24
67.08	21.22
67.72	21.19
68.36	21.16
69.00	21.14
69.65	21.14
70.29	21.13
70.93	21.13
71.57	21.13
72.22	21.13
72.86	21.13
73.50	21.13
74.14	21.12
74.78	21.13
75.43	21.13

Cruise: 93G11
Date: 10 03 1993
Time: 02:15:01 GMT
Lat: 26 18.669 N
Lon: 96 24.916 W
Stn: 30
Probe type: T-4

Depth	Temp
0.65	27.52
1.29	28.50
1.94	28.50
2.59	28.51
3.24	28.52
3.88	28.48
4.53	28.52
5.18	28.50
5.82	28.50
6.47	28.50
7.12	28.49
7.76	28.44
8.41	28.46
9.06	28.37
9.70	28.34
10.35	28.31
11.00	28.31
11.64	28.38
12.29	28.40
12.94	28.41
13.58	28.43
14.23	28.43
14.87	28.43
15.52	28.43
16.17	28.42
16.81	28.43
17.46	28.42
18.10	28.43
18.75	28.43
19.40	28.43
20.04	28.44
20.69	28.44
21.33	28.42
21.98	28.44
22.63	28.44
23.27	28.43
23.92	28.43
24.56	28.43
25.21	28.43
25.85	28.43
26.50	28.42
27.14	28.43
27.79	28.43
28.43	28.42
29.08	28.42
29.73	28.40
30.37	28.39
31.02	28.39
31.66	28.38
32.31	28.38
32.95	28.38
33.60	28.35
34.24	27.86
34.89	27.07

35.53	26.62
36.18	26.46
36.82	26.40
37.46	26.23
38.11	25.99
38.75	25.92
39.40	25.81
40.04	25.64
40.69	25.49
41.33	25.31
41.98	25.12
42.62	25.09
43.27	25.11
43.91	25.32
44.55	25.35
45.20	25.10
45.84	24.93
46.49	24.82
47.13	24.72
47.77	24.62
48.42	24.52
49.06	24.42
49.71	24.28
50.35	24.20
50.99	24.16
51.64	24.01
52.28	23.94
52.93	23.84
53.57	23.74
54.21	23.66
54.86	23.57
55.50	23.52
56.14	23.45
56.79	23.36
57.43	23.28
58.07	23.19
58.72	23.12
59.36	23.02
60.00	22.90
60.65	22.75
61.29	22.66
61.93	22.53
62.58	22.35
63.22	22.26
63.86	22.16
64.50	22.00
65.15	21.91
65.79	21.87
66.43	21.83
67.08	21.80
67.72	21.77
68.36	21.73
69.00	21.61
69.65	21.58
70.29	21.56
70.93	21.56
71.57	21.55
72.22	21.54
72.86	21.54
73.50	21.56
74.14	21.54
74.78	21.55
75.43	21.54

Cruise: 93G11
Date: 10 03 1993
Time: 19:48:04 GMT
Lat: 26 18.098 N
Lon: 96 21.785 W
Stn: 31
Probe type: T-10

Depth	Temp
0.63	26.10
1.26	27.26
1.89	27.85
2.52	28.16
3.15	28.34
3.78	28.41
4.41	28.43
5.04	28.46
5.67	28.47
6.30	28.47
6.93	28.46
7.56	28.47
8.19	28.47
8.82	28.47
9.45	28.47
10.08	28.47
10.71	28.43
11.33	28.41
11.96	28.39
12.59	28.38
13.22	28.37
13.85	28.37
14.48	28.37
15.11	28.36
15.74	28.35
16.37	28.35
17.00	28.35
17.63	28.35
18.25	28.35
18.88	28.34
19.51	28.34
20.14	28.33
20.77	28.33
21.40	28.33
22.03	28.33
22.66	28.33
23.28	28.32
23.91	28.32
24.54	28.33
25.17	28.31
25.80	28.30
26.43	28.31
27.05	28.30
27.68	28.30
28.31	28.30
28.94	28.30
29.57	28.29
30.20	28.29
30.82	28.29
31.45	28.29
32.08	28.29
32.71	28.28
33.33	28.28
33.96	28.27
34.59	28.26
35.22	28.10
35.85	27.41
36.47	26.82
37.10	26.29
37.73	25.96
38.36	25.72
38.98	25.48
39.61	25.34
40.24	25.20

40.87	25.05
41.49	24.91
42.12	24.73
42.75	24.54
43.37	24.36
44.00	24.25
44.63	24.16
45.26	24.08
45.88	24.03
46.51	23.96
47.14	23.84
47.76	23.69
48.39	23.59
49.02	23.50
49.64	23.45
50.27	23.43
50.90	23.41
51.52	23.41
52.15	23.40
52.78	23.37
53.40	23.33
54.03	23.28
54.66	23.15
55.28	23.07
55.91	22.99
56.53	22.93
57.16	22.90
57.79	22.83
58.41	22.77
59.04	22.68
59.66	22.56
60.29	22.37
60.92	22.16
61.54	22.03
62.17	21.90
62.79	21.80
63.42	21.73
64.05	21.69
64.67	21.66
65.30	21.62
65.92	21.55
66.55	21.43
67.17	21.37
67.80	21.27
68.42	21.13
69.05	21.03
69.67	20.89
70.30	20.79
70.93	20.72
71.55	20.69
72.18	20.67
72.80	20.65
73.43	20.64
74.05	20.63
74.68	20.63
75.30	20.62
75.93	20.61
76.55	20.60
77.18	20.57
77.80	20.48
78.43	20.42
79.05	20.33
79.67	20.30
80.30	20.28
80.92	20.28
81.55	20.27
82.17	20.27
82.80	20.27
83.42	20.45
84.05	20.48
84.67	20.49
85.29	20.50

Cruise: 93G11
Date: 10 03 1993
Time: 21:34:06 GMT
Lat: 26 17.813 N
Lon: 96 23.404 W
Stn: 32
Probe type: T-10

Depth	Temp
0.63	27.47
1.26	28.20
1.89	28.37
2.52	28.45
3.15	28.47
3.78	28.46
4.41	28.45
5.04	28.40
5.67	28.47
6.30	28.46
6.93	28.47
7.56	28.46
8.19	28.47
8.82	28.46
9.45	28.46
10.08	28.46
10.71	28.46
11.33	28.45
11.96	28.45
12.59	28.45
13.22	28.46
13.85	28.45
14.48	28.45
15.11	28.45
15.74	28.43
16.37	28.44
17.00	28.43
17.63	28.43
18.25	28.42
18.88	28.41
19.51	28.40
20.14	28.39
20.77	28.38
21.40	28.38
22.03	28.38
22.66	28.38
23.28	28.38
23.91	28.38
24.54	28.37
25.17	28.37
25.80	28.37
26.43	28.38
27.05	28.37
27.68	28.37
28.31	28.37
28.94	28.37
29.57	28.37
30.20	28.37
30.82	28.37
31.45	28.37
32.08	28.36
32.71	28.36
33.33	28.36
33.96	28.36
34.59	28.37
35.22	28.36

35.85	28.36
36.47	28.36
37.10	27.93
37.73	27.08
38.36	26.59
38.98	26.31
39.61	26.17
40.24	26.05
40.87	25.94
41.49	25.74
42.12	25.55
42.75	25.38
43.37	25.24
44.00	25.10
44.63	25.04
45.26	24.98
45.88	24.89
46.51	24.74
47.14	24.63
47.76	24.55
48.39	24.48
49.02	24.40
49.64	24.31
50.27	24.22
50.90	24.11
51.52	23.95
52.15	23.76
52.78	23.61
53.40	23.48
54.03	23.31
54.66	23.10
55.28	22.98
55.91	22.89
56.53	22.83
57.16	22.79
57.79	22.77
58.41	22.75
59.04	22.67
59.66	22.61
60.29	22.59
60.92	22.58
61.54	22.57
62.17	22.55
62.79	22.50
63.42	22.46
64.05	22.41
64.67	22.36
65.30	22.31
65.92	22.22
66.55	22.05
67.17	21.89
67.80	21.79
68.42	21.72
69.05	21.64
69.67	21.56
70.30	21.39
70.93	21.23
71.55	21.17
72.18	21.13
72.80	21.12
73.43	21.10
74.05	21.10
74.68	21.09
75.30	21.09

Cruise: 93G11
Date: 10 04 1993
Time: 02:04:29 GMT
Lat: 26 17.854 N
Lon: 96 21.410 W
Stn: 33
Probe type: T-10

Depth	Temp
0.63	25.30
1.26	27.84
1.89	28.07
2.52	28.18
3.15	28.24
3.78	28.27
4.41	28.29
5.04	28.29
5.67	28.30
6.30	28.29
6.93	28.30
7.56	28.30
8.19	28.31
8.82	28.30
9.45	28.30
10.08	28.31
10.71	28.30
11.33	28.30
11.96	28.30
12.59	28.30
13.22	28.30
13.85	28.31
14.48	28.30
15.11	28.31
15.74	28.30
16.37	28.31
17.00	28.31
17.63	28.32
18.25	28.31
18.88	28.31
19.51	28.31
20.14	28.31
20.77	28.31
21.40	28.31
22.03	28.31
22.66	28.32
23.28	28.31
23.91	28.31
24.54	28.32
25.17	28.32
25.80	28.32
26.43	28.33
27.05	28.32
27.68	28.31
28.31	28.31
28.94	28.32
29.57	28.31
30.20	28.30
30.82	28.30
31.45	28.30
32.08	28.30
32.71	28.30
33.33	28.27
33.96	28.04
34.59	27.39
35.22	26.83
35.85	26.44
36.47	26.17
37.10	25.96
37.73	25.73
38.36	25.42
38.98	25.23
39.61	25.10
40.24	24.95
40.87	24.78
41.49	24.64
42.12	24.44

42.75	24.31
43.37	24.16
44.00	24.00
44.63	23.88
45.26	23.75
45.88	23.64
46.51	23.56
47.14	23.50
47.76	23.44
48.39	23.39
49.02	23.29
49.64	23.19
50.27	23.11
50.90	23.04
51.52	22.98
52.15	22.92
52.78	22.88
53.40	22.85
54.03	22.84
54.66	22.83
55.28	22.80
55.91	22.79
56.53	22.76
57.16	22.69
57.79	22.64
58.41	22.60
59.04	22.57
59.66	22.52
60.29	22.40
60.92	22.28
61.54	22.18
62.17	22.06
62.79	21.96
63.42	21.87
64.05	21.80
64.67	21.70
65.30	21.60
65.92	21.48
66.55	21.42
67.17	21.35
67.80	21.28
68.42	21.22
69.05	21.15
69.67	21.09
70.30	21.03
70.93	21.00
71.55	20.92
72.18	20.84
72.80	20.74
73.43	20.64
74.05	20.58
74.68	20.53
75.30	20.51
75.93	20.50
76.55	20.48
77.18	20.47
77.80	20.45
78.43	20.40
79.05	20.28
79.67	20.13
80.30	20.02
80.92	19.96
81.55	19.91
82.17	19.75
82.80	19.63
83.42	19.59
84.05	19.55
84.67	19.53
85.29	19.52
85.92	19.51
86.54	19.50
87.17	19.49
87.79	19.49
88.41	19.69
89.04	19.74
89.66	19.77
90.29	19.79

Cruise: 93G11
Date: 10 04 1993
Time: 21:44:41 GMT
Lat: 26 17.836 N
Lon: 96 23.926 W
Stn: 34
Probe type: T-10

Depth	Temp
0.63	27.47
1.26	28.41
1.89	28.35
2.52	28.28
3.15	28.30
3.78	28.35
4.41	28.37
5.04	28.40
5.67	28.37
6.30	28.32
6.93	28.31
7.56	28.31
8.19	28.30
8.82	28.30
9.45	28.29
10.08	28.28
10.71	28.29
11.33	28.28
11.96	28.28
12.59	28.27
13.22	28.27
13.85	28.27
14.48	28.26
15.11	28.27
15.74	28.27
16.37	28.26
17.00	28.26
17.63	28.25
18.25	28.25
18.88	28.25
19.51	28.25
20.14	28.25
20.77	28.25
21.40	28.25
22.03	28.25
22.66	28.25
23.28	28.24
23.91	28.24
24.54	28.25
25.17	28.24
25.80	28.24
26.43	28.24
27.05	28.23
27.68	28.23
28.31	28.23
28.94	28.24
29.57	28.23
30.20	28.22
30.82	28.23
31.45	28.23
32.08	28.22
32.71	28.21
33.33	28.20
33.96	28.18
34.59	28.17
35.22	28.11

35.85	27.81
36.47	27.23
37.10	26.81
37.73	26.49
38.36	26.25
38.98	26.02
39.61	25.79
40.24	25.53
40.87	25.35
41.49	25.25
42.12	25.20
42.75	25.09
43.37	24.90
44.00	24.69
44.63	24.50
45.26	24.27
45.88	24.10
46.51	23.93
47.14	23.81
47.76	23.71
48.39	23.61
49.02	23.48
49.64	23.39
50.27	23.27
50.90	23.16
51.52	23.02
52.15	22.84
52.78	22.71
53.40	22.66
54.03	22.65
54.66	22.63
55.28	22.60
55.91	22.57
56.53	22.57
57.16	22.51
57.79	22.41
58.41	22.33
59.04	22.25
59.66	22.13
60.29	22.05
60.92	21.98
61.54	21.91
62.17	21.86
62.79	21.82
63.42	21.79
64.05	21.78
64.67	21.77
65.30	21.76
65.92	21.74
66.55	21.65
67.17	21.58
67.80	21.53
68.42	21.49
69.05	21.44
69.67	21.36
70.30	21.29
70.93	21.25
71.55	21.20
72.18	21.13
72.80	21.11
73.43	21.09
74.05	21.09
74.68	21.09
75.30	21.08

Cruise: 93G11
 Date: 10 05 1993
 Time: 17:36:16 GMT
 Lat: 26 18.3 N
 Lon: 96 23.999 W
 Stn: 35
 Probe type: T-10

Depth	Temp		
0.63	26.55	35.85	27.27
1.26	28.05	36.47	27.04
1.89	28.14	37.10	26.87
2.52	28.17	37.73	26.60
3.15	28.18	38.36	26.18
3.78	28.19	38.98	25.84
4.41	28.19	39.61	25.56
5.04	28.19	40.24	25.32
5.67	28.18	40.87	25.16
6.30	28.18	41.49	25.09
6.93	28.17	42.12	25.05
7.56	28.17	42.75	25.01
8.19	28.16	43.37	24.91
8.82	28.17	44.00	24.77
9.45	28.17	44.63	24.57
10.08	28.16	45.26	24.39
10.71	28.17	45.88	24.30
11.33	28.16	46.51	24.18
11.96	28.15	47.14	24.06
12.59	28.15	47.76	24.02
13.22	28.15	48.39	23.99
13.85	28.15	49.02	23.90
14.48	28.15	49.64	23.80
15.11	28.15	50.27	23.73
15.74	28.15	50.90	23.67
16.37	28.15	51.52	23.58
17.00	28.14	52.15	23.52
17.63	28.15	52.78	23.45
18.25	28.14	53.40	23.34
18.88	28.14	54.03	23.29
19.51	28.14	54.66	23.20
20.14	28.14	55.28	23.10
20.77	28.14	55.91	22.96
21.40	28.14	56.53	22.80
22.03	28.13	57.16	22.74
22.66	28.15	57.79	22.68
23.28	28.14	58.41	22.58
23.91	28.15	59.04	22.51
24.54	28.14	59.66	22.45
25.17	28.14	60.29	22.40
25.80	28.14	60.92	22.35
26.43	28.14	61.54	22.30
27.05	28.13	62.17	22.27
27.68	28.14	62.79	22.25
28.31	28.14	63.42	22.19
28.94	28.13	64.05	22.08
29.57	28.13	64.67	21.98
30.20	28.13	65.30	21.89
30.82	28.13	65.92	21.83
31.45	28.13	66.55	21.74
32.08	28.12	67.17	21.68
32.71	28.11	67.80	21.63
33.33	28.02	68.42	21.55
33.96	27.81	69.05	21.47
34.59	27.61	69.67	21.40
35.22	27.48	70.30	21.34
		70.93	21.31
		71.55	21.29
		72.18	21.10
		72.80	20.87
		73.43	20.74
		74.05	20.72
		74.68	20.68
		75.30	21.06

Cruise: 93G11
 Date: 10 05 1993
 Time: 22:05:57 GMT
 Lat : 26 18.376 N
 Lon: 96 23.991 W
 Stn: 36
 Probe type: T-10

Depth	Temp		
0.63	27.66	35.85	28.09
1.26	28.10	36.47	28.08
1.89	28.26	37.10	28.00
2.52	28.31	37.73	27.67
3.15	28.28	38.36	26.90
3.78	28.23	38.98	26.44
4.41	28.30	39.61	26.21
5.04	28.28	40.24	25.95
5.67	28.30	40.87	25.65
6.30	28.29	41.49	25.46
6.93	28.28	42.12	25.38
7.56	28.26	42.75	25.31
8.19	28.24	43.37	25.18
8.82	28.23	44.00	25.01
9.45	28.24	44.63	24.88
10.08	28.24	45.26	24.80
10.71	28.26	45.88	24.67
11.33	28.26	46.51	24.54
11.96	28.24	47.14	24.38
12.59	28.19	47.76	24.23
13.22	28.15	48.39	24.09
13.85	28.15	49.02	23.99
14.48	28.15	49.64	23.94
15.11	28.15	50.27	23.85
15.74	28.16	50.90	23.72
16.37	28.16	51.52	23.62
17.00	28.16	52.15	23.54
17.63	28.16	52.78	23.44
18.25	28.14	53.40	23.36
18.88	28.15	54.03	23.21
19.51	28.14	54.66	23.14
20.14	28.14	55.28	23.12
20.77	28.14	55.91	23.08
21.40	28.14	56.53	23.02
22.03	28.14	57.16	22.88
22.66	28.13	57.79	22.71
23.28	28.13	58.41	22.56
23.91	28.13	59.04	22.42
24.54	28.13	59.66	22.24
25.17	28.12	60.29	22.12
25.80	28.13	60.92	22.03
26.43	28.12	61.54	21.99
27.05	28.13	62.17	21.95
27.68	28.12	62.79	21.92
28.31	28.12	63.42	21.83
28.94	28.13	64.05	21.79
29.57	28.12	64.67	21.76
30.20	28.12	65.30	21.69
30.82	28.11	65.92	21.55
31.45	28.12	66.55	21.55
32.08	28.12	67.17	21.47
32.71	28.12	67.80	21.41
33.33	28.11	68.42	21.34
33.96	28.11	69.05	21.29
34.59	28.11	69.67	21.24
35.22	28.11	70.30	21.21
		70.93	21.20
		71.55	21.20
		72.18	21.18
		72.80	21.17
		73.43	21.15
		74.05	21.10
		74.68	20.96
		75.30	20.73

Cruise: 93G11
 Date: 10 06 1993
 Time: 13:40:27 GMT
 Lat: 26 18.375 N
 Lon: 96 28.156 W
 Stn: 37
 Probe type: T-10

Depth	Temp	Depth	Temp
0.63	26.81	30.82	28.16
1.26	27.78	31.45	28.16
1.89	27.97	32.08	28.16
2.52	28.05	32.71	28.15
3.15	28.11	33.33	28.16
3.78	28.13	33.96	28.16
4.41	28.14	34.59	28.16
5.04	28.15	35.22	28.16
5.67	28.15	35.85	28.15
6.30	28.16	36.47	28.15
6.93	28.17	37.10	28.15
7.56	28.16	37.73	27.93
8.19	28.17	38.36	27.25
8.82	28.16	38.98	26.76
9.45	28.16	39.61	26.46
10.08	28.16	40.24	26.23
10.71	28.16	40.87	26.04
11.33	28.15	41.49	25.91
11.96	28.17	42.12	25.81
12.59	28.17	42.75	25.73
13.22	28.16	43.37	25.62
13.85	28.17	44.00	25.52
14.48	28.16	44.63	25.41
15.11	28.16	45.26	25.34
15.74	28.15	45.88	25.27
16.37	28.16	46.51	25.22
17.00	28.16	47.14	25.16
17.63	28.16	47.76	25.02
18.25	28.16	48.39	24.90
18.88	28.16	49.02	24.84
19.51	28.16	49.64	24.78
20.14	28.16	50.27	24.72
20.77	28.16	50.90	24.61
21.40	28.16	51.52	24.49
22.03	28.16	52.15	24.38
22.66	28.16	52.78	24.24
23.28	28.16	53.40	24.12
23.91	28.16	54.03	24.03
24.54	28.16	54.66	23.96
25.17	28.16	55.28	23.91
25.80	28.16	55.91	23.91
26.43	28.16	56.53	23.88
27.05	28.16	57.16	23.81
27.68	28.16	57.79	23.74
28.31	28.16	58.41	23.60
28.94	28.16	59.04	23.44
29.57	28.16	59.66	23.35
30.20	28.16	60.29	23.26
		60.92	23.05
		61.54	22.81
		62.17	22.52
		62.79	22.24
		63.42	21.94
		64.05	22.06
		64.67	22.01
		65.30	22.04

Cruise: 93G11
 Date: 10 06 1993
 Time: 23:29:44 GMT
 Lat: 26 18.209 N
 Lon: 96 32.877 W
 Stn: 38
 Probe type: T-10

Depth	Temp	Depth	Temp
0.63	27.35	25.80	28.03
1.26	27.90	26.43	28.03
1.89	28.13	27.05	28.03
2.52	28.22	27.68	28.02
3.15	28.25	28.31	28.02
3.78	28.26	28.94	28.01
4.41	28.27	29.57	28.02
5.04	28.28	30.20	28.01
5.67	28.28	30.82	28.01
6.30	28.28	31.45	28.01
6.93	28.27	32.08	28.00
7.56	28.27	32.71	28.00
8.19	28.28	33.33	27.99
8.82	28.26	33.96	27.98
9.45	28.25	34.59	27.98
10.08	28.25	35.22	27.98
10.71	28.25	35.85	27.97
11.33	28.26	36.47	27.97
11.96	28.24	37.10	27.96
12.59	28.25	37.73	27.95
13.22	28.25	38.36	27.93
13.85	28.25	38.98	27.89
14.48	28.23	39.61	27.86
15.11	28.19	40.24	27.82
15.74	28.17	40.87	27.76
16.37	28.15	41.49	27.70
17.00	28.13	42.12	27.61
17.63	28.08	42.75	27.47
18.25	28.05	43.37	27.31
18.88	28.03	44.00	27.09
19.51	28.02	44.63	26.91
20.14	28.03	45.26	26.75
20.77	28.02	45.88	26.54
21.40	28.02	46.51	26.20
22.03	28.02	47.14	25.98
22.66	28.02	47.76	25.76
23.28	28.03	48.39	25.53
23.91	28.03	49.02	25.34
24.54	28.02	49.64	25.23
25.17	28.02	50.27	25.17
		50.90	25.05
		51.52	24.86
		52.15	24.70
		52.78	24.34
		53.40	23.98
		54.03	23.74
		54.66	23.66
		55.28	23.64

Cruise: 93G11
 Date: 10 07 1993
 Time: 14:17:57 GMT
 Lat: 26 18.377 N
 Lon: 96 23.947 W
 Stn: 39
 Probe type: T-10

Depth	Temp	35.85	27.49
0.63	28.16	36.47	27.06
1.26	28.16	37.10	26.64
1.89	28.16	37.73	26.46
2.52	28.17	38.36	26.34
3.15	28.17	38.98	26.20
3.78	28.16	39.61	26.13
4.41	28.16	40.24	26.07
5.04	28.16	40.87	25.92
5.67	28.16	41.49	25.86
6.30	28.16	42.12	25.79
6.93	28.16	42.75	25.62
7.56	28.15	43.37	25.43
8.19	28.15	44.00	25.29
8.82	28.16	44.63	25.17
9.45	28.16	45.26	25.05
10.08	28.16	45.88	24.97
10.71	28.16	46.51	24.89
11.33	28.16	47.14	24.79
11.96	28.16	47.76	24.55
12.59	28.16	48.39	24.29
13.22	28.17	49.02	24.07
13.85	28.16	49.64	23.93
14.48	28.16	50.27	23.81
15.11	28.16	50.90	23.60
15.74	28.16	51.52	23.43
16.37	28.16	52.15	23.31
17.00	28.16	52.78	23.22
17.63	28.16	53.40	23.11
18.25	28.16	54.03	23.00
18.88	28.16	54.66	22.92
19.51	28.16	55.28	22.85
20.14	28.16	55.91	22.80
20.77	28.16	56.53	22.74
21.40	28.16	57.16	22.64
22.03	28.16	57.79	22.51
22.66	28.16	58.41	22.41
23.28	28.16	59.04	22.34
23.91	28.16	59.66	22.30
24.54	28.16	60.29	22.27
25.17	28.16	60.92	22.19
25.80	28.16	61.54	22.12
26.43	28.16	62.17	22.08
27.05	28.16	62.79	22.02
27.68	28.16	63.42	21.98
28.31	28.16	64.05	21.96
28.94	28.16	64.67	21.92
29.57	28.16	65.30	21.91
30.20	28.16	65.92	21.91
30.82	28.17	66.55	21.87
31.45	28.16	67.17	21.77
32.08	28.17	67.80	21.61
32.71	28.15	68.42	21.45
33.33	28.14	69.05	21.29
33.96	28.13	69.67	21.15
34.59	28.12	70.30	21.07
35.22	28.00	70.93	21.00
		71.55	20.93
		72.18	20.88
		72.80	20.77
		73.43	20.62
		74.05	20.54
		74.68	20.50
		75.30	22.35

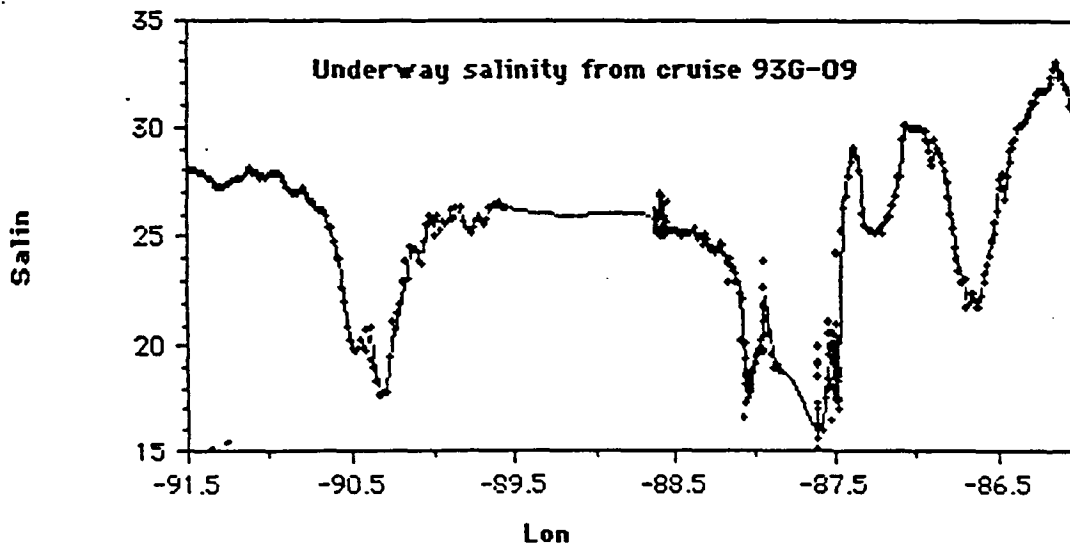
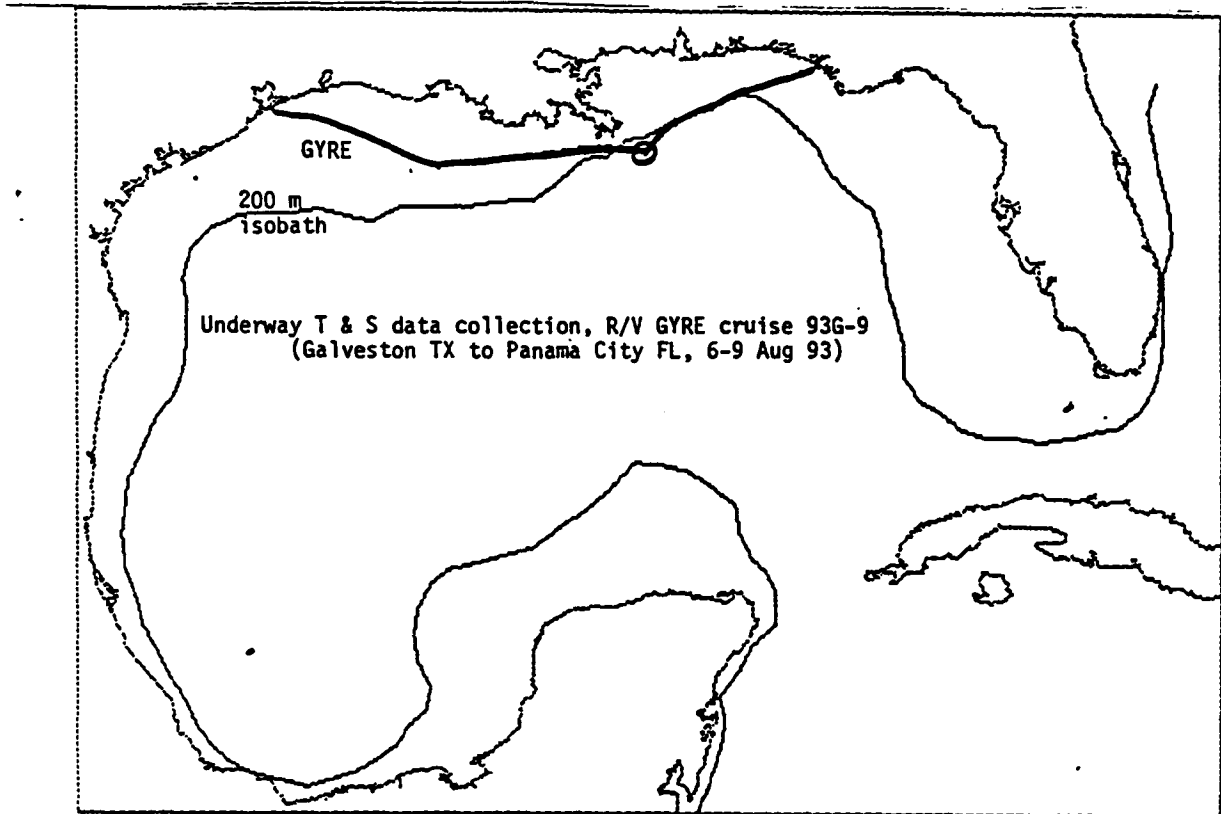
Cruise: 93G11
 Date: 10 07 1993
 Time: 21:10:20 GMT
 Lat: 26 18.277 N
 Lon: 96 28.406 W
 Stn: 40
 Probe type: T-10

Depth	Temp	30.82	28.10
0.63	27.96	31.45	28.10
1.26	28.33	32.08	28.10
1.89	28.30	32.71	28.10
2.52	28.32	33.33	28.10
3.15	28.38	33.96	28.10
3.78	28.38	34.59	28.10
4.41	28.36	35.22	28.09
5.04	28.35	35.85	28.02
5.67	28.35	36.47	27.89
6.30	28.34	37.10	27.77
6.93	28.32	37.73	27.67
7.56	28.27	38.36	27.41
8.19	28.22	38.98	26.80
8.82	28.18	39.61	26.28
9.45	28.17	40.24	26.00
10.08	28.15	40.87	25.86
10.71	28.15	41.49	25.69
11.33	28.15	42.12	25.58
11.96	28.14	42.75	25.47
12.59	28.14	43.37	25.37
13.22	28.13	44.00	25.25
13.85	28.13	44.63	25.16
14.48	28.13	45.26	25.07
15.11	28.13	45.88	24.96
15.74	28.13	46.51	24.82
16.37	28.13	47.14	24.66
17.00	28.12	47.76	24.55
17.63	28.12	48.39	24.47
18.25	28.12	49.02	24.37
18.88	28.12	49.64	24.30
19.51	28.11	50.27	24.20
20.14	28.12	50.90	24.04
20.77	28.12	51.52	23.92
21.40	28.11	52.15	23.85
22.03	28.11	52.78	23.78
22.66	28.10	53.40	23.72
23.28	28.11	54.03	23.60
23.91	28.11	54.66	23.48
24.54	28.10	55.28	23.42
25.17	28.11	55.91	23.31
25.80	28.11	56.53	23.21
26.43	28.10	57.16	23.12
27.05	28.11	57.79	23.05
27.68	28.10	58.41	22.98
28.31	28.10	59.04	22.89
28.94	28.10	59.66	22.79
29.57	28.11	60.29	22.74
30.20	28.10	60.92	22.67
		61.54	22.63
		62.17	22.60
		62.79	22.56
		63.42	22.47
		64.05	22.16
		64.67	21.82
		65.30	21.80

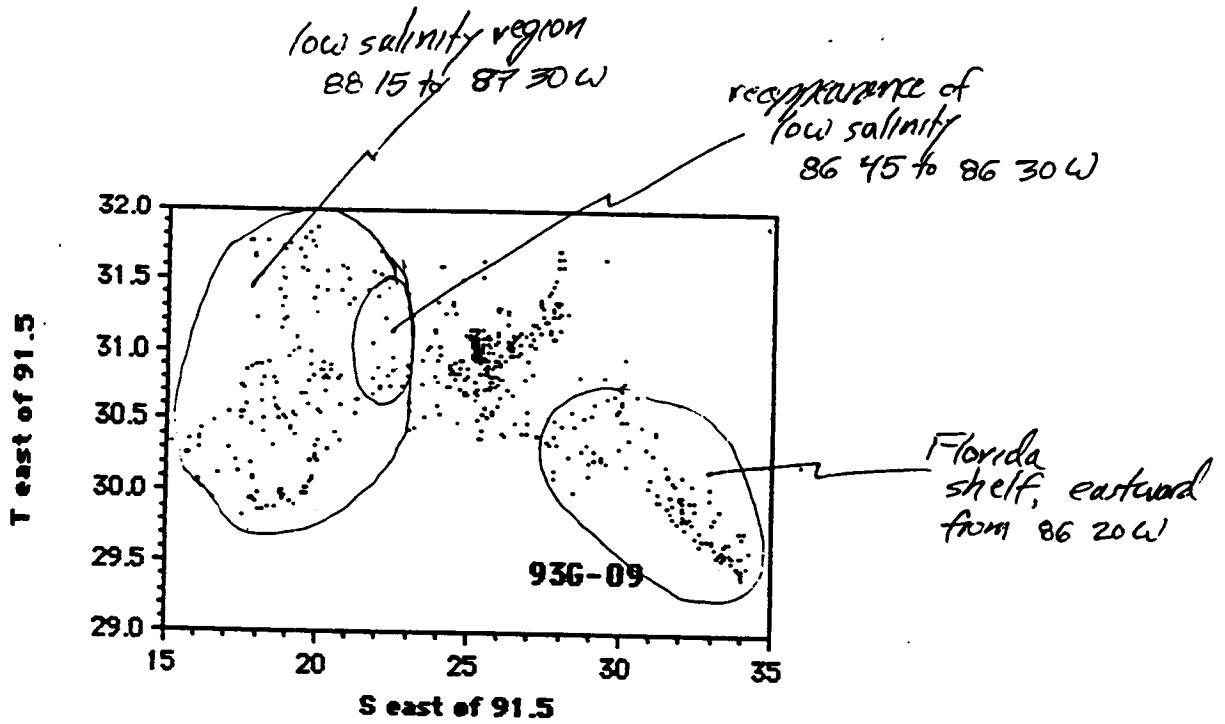
UNDERWAY TEMPERATURE and SALINITY DATA

Temperature and salinity measured by SeaBird sensors placed in line in a sampling stream that was pumped from a depth of 3.5 m to Gyre's main laboratory were logged to Gyre's SAIL system every 5 min (cruise 93G-09) and every 1 min (cruise 93G-10). The spatial and temporal variability of T and S on cruises 93G-09 and 93G-10 is summarized by the graphical presentations which follow.

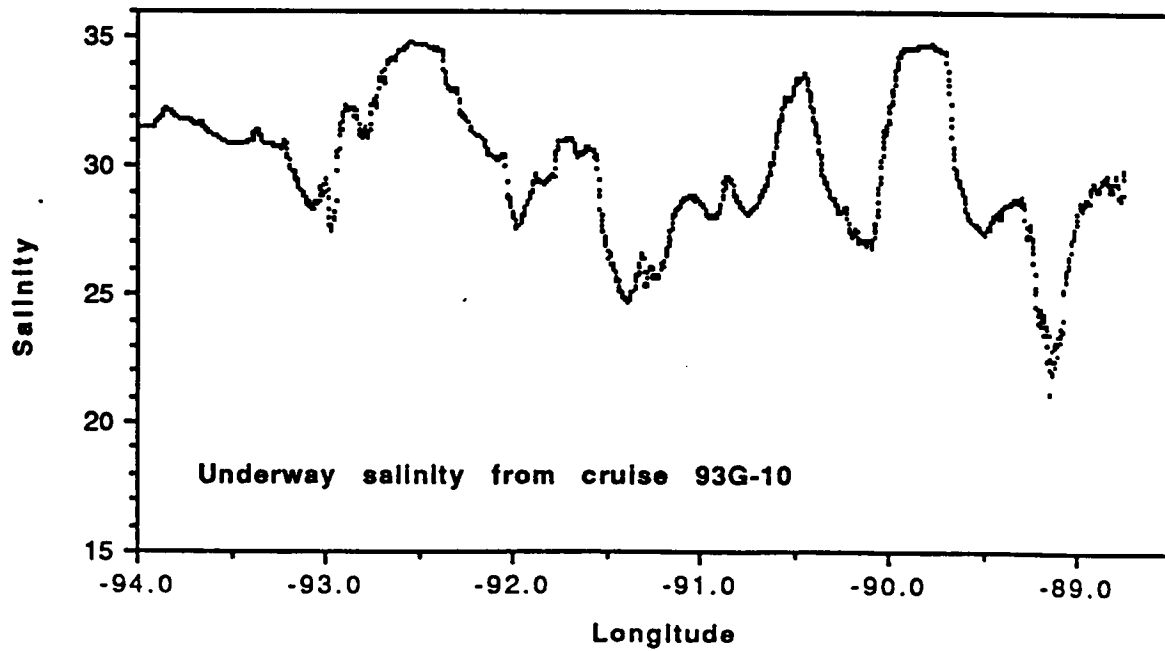
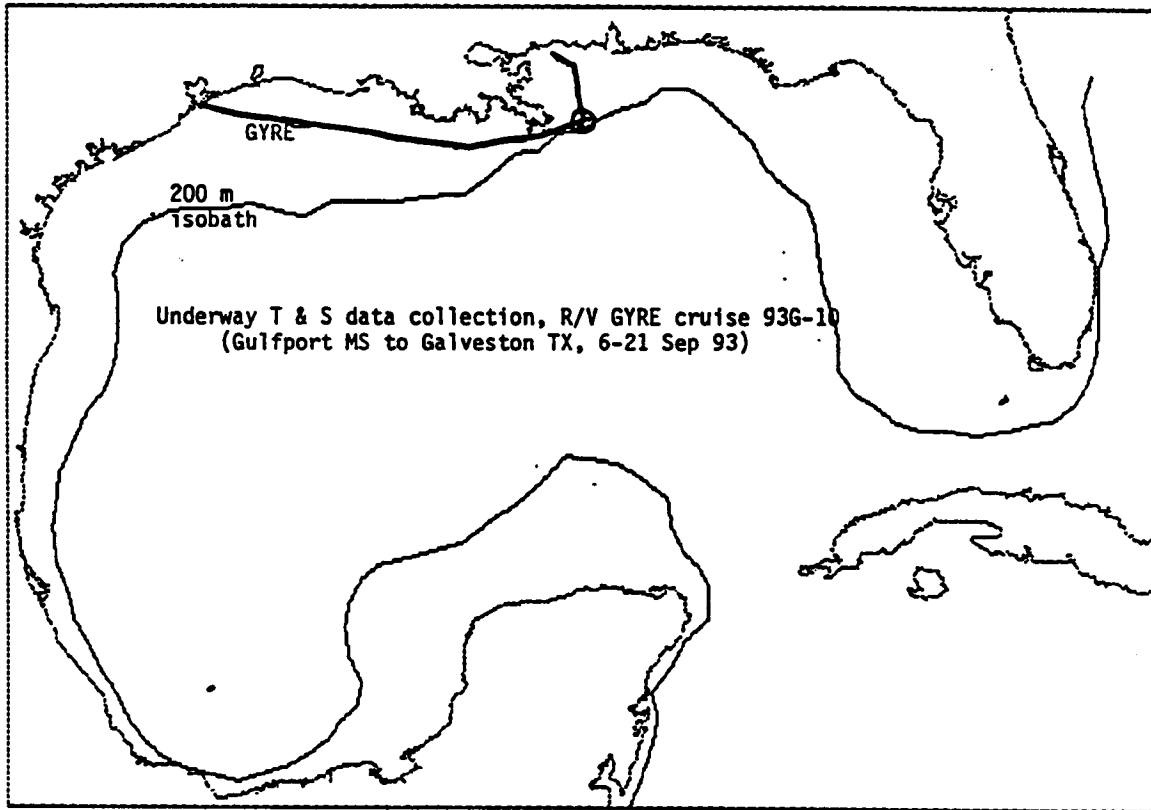
UNDERWAY TEMPERATURE and SALINITY DATA

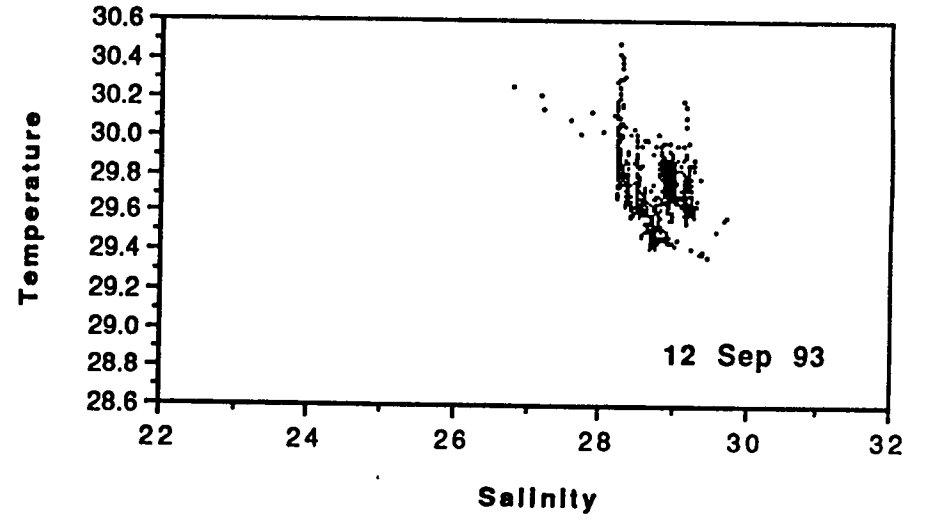
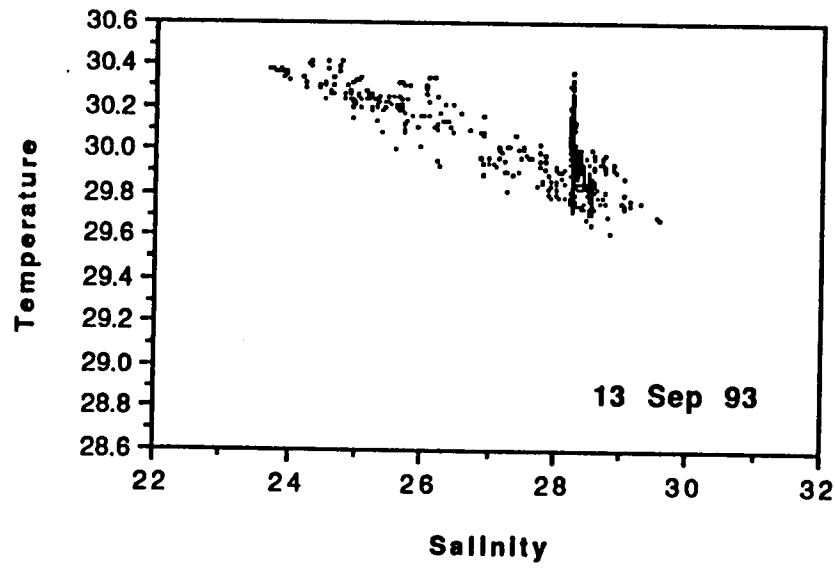
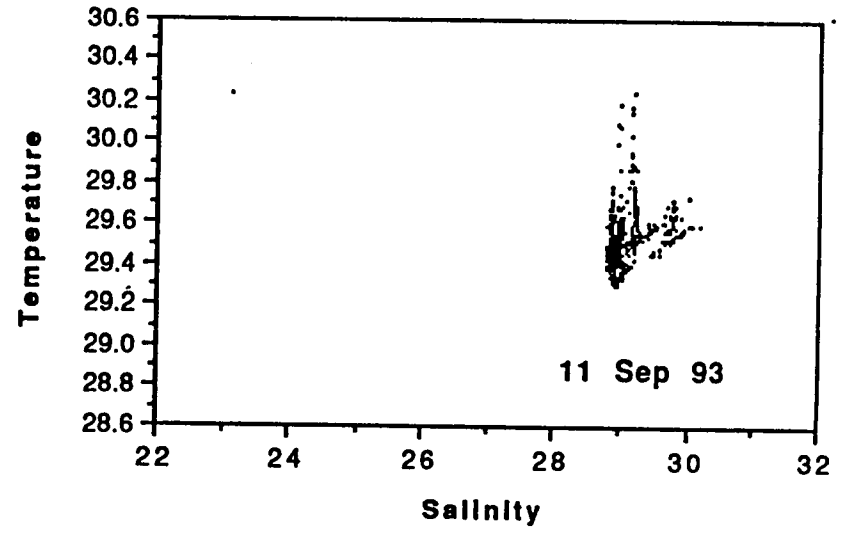
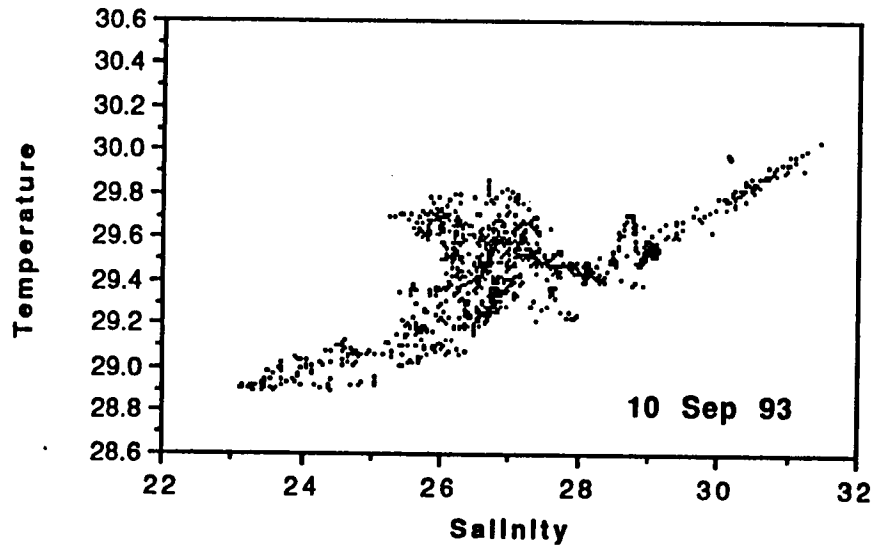


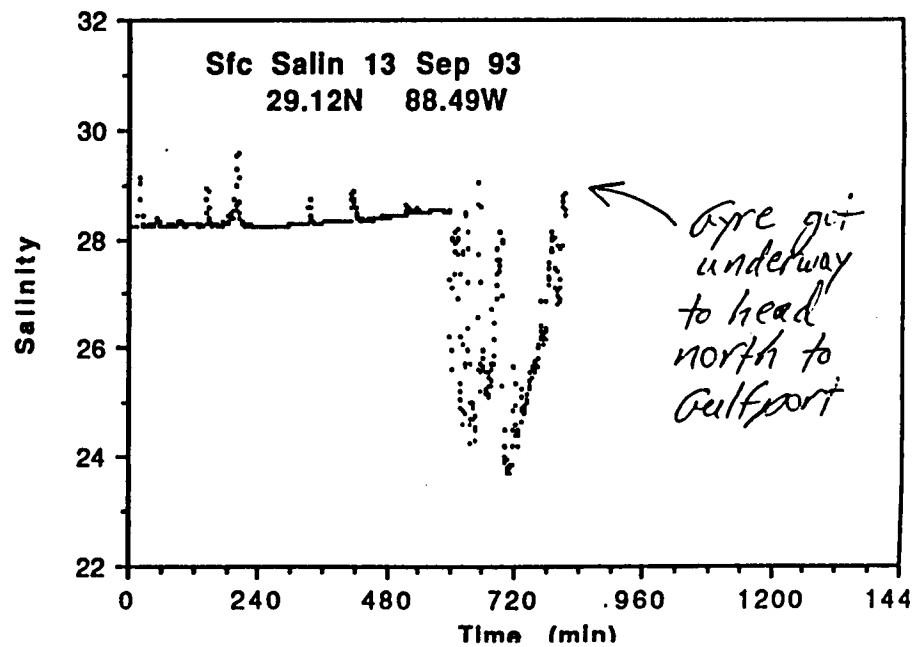
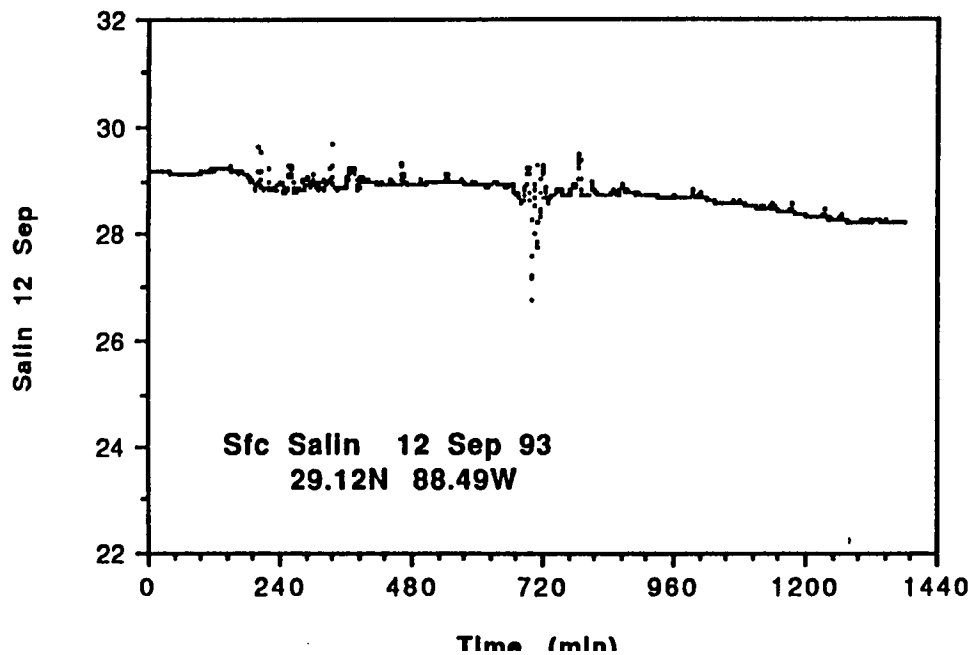
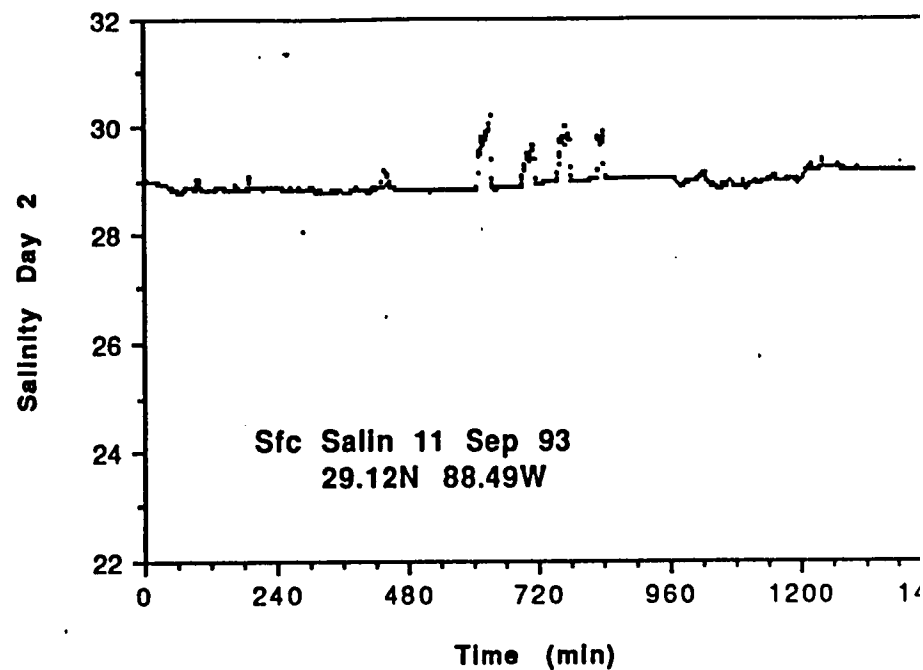
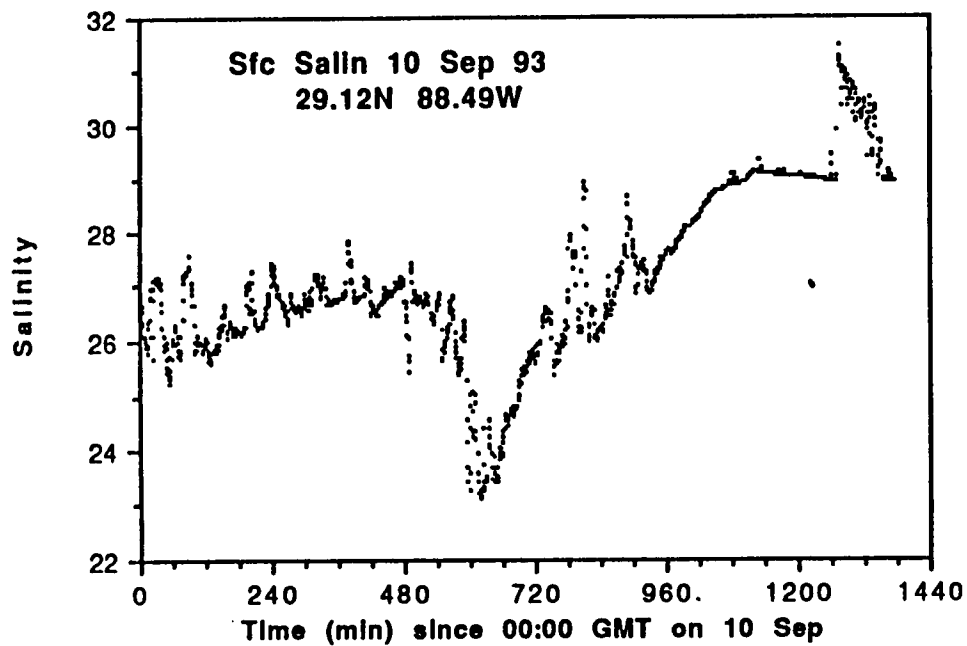
Summary T/S plot of underway data, GYRE cruise 93G-09 (6-9 Aug 93)



UNDERWAY TEMPERATURE and SALINITY DATA

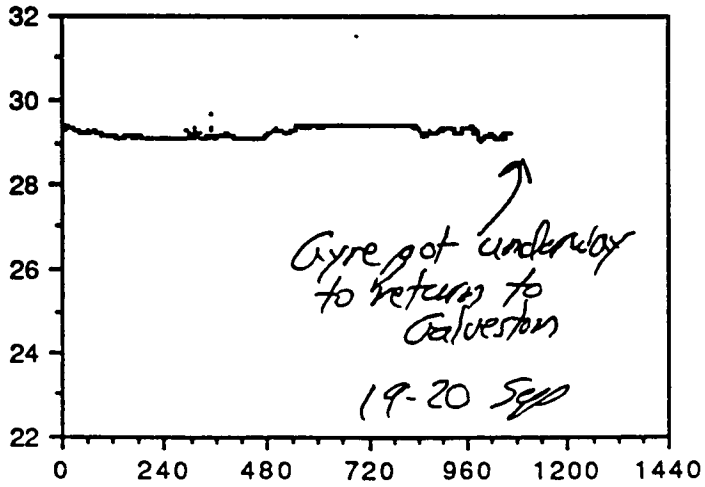
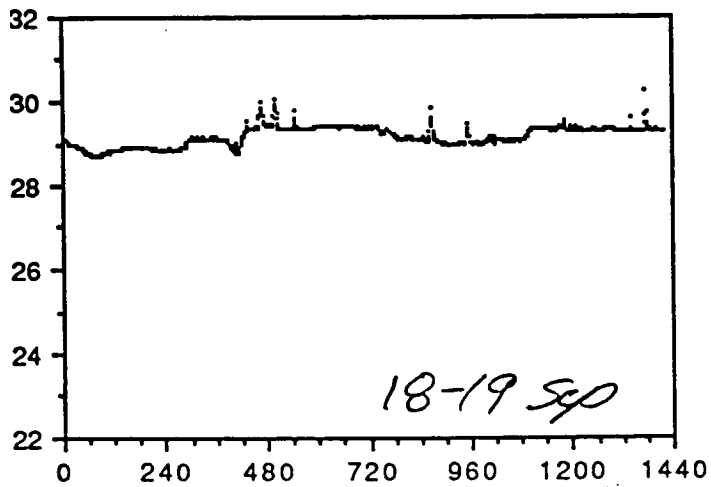
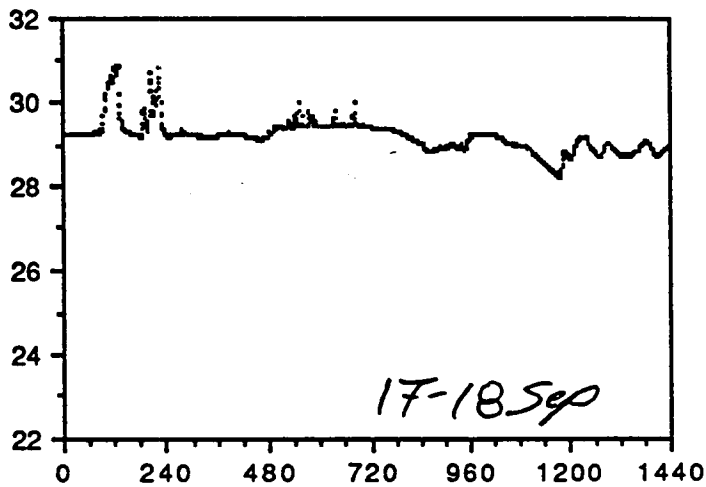
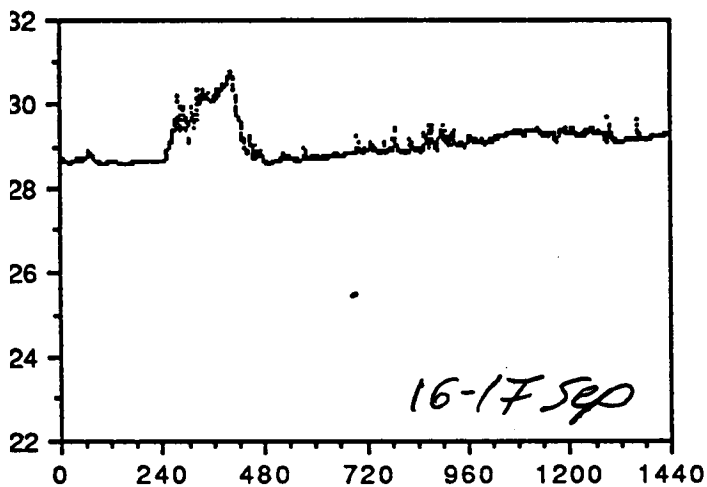
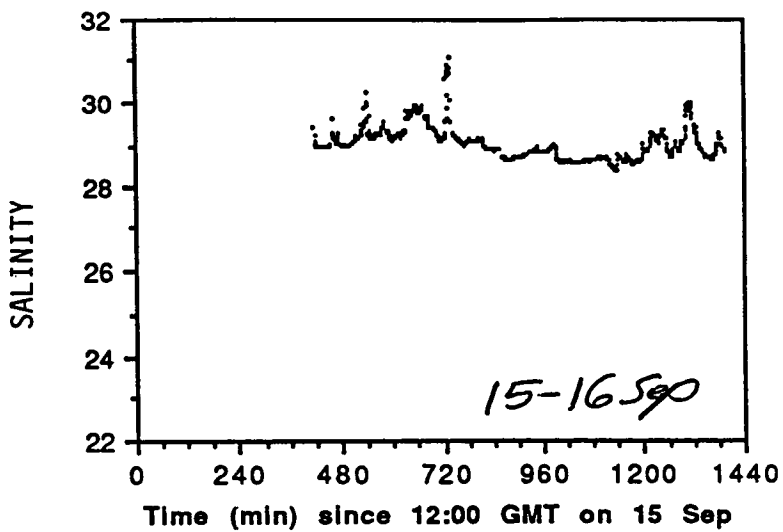






SALINITY TIME-SERIES
DATA, Cruise 93G-10

(continued from
previous page)



ACKNOWLEDGMENTS

Ship time for this series of 3 Gyre cruises was provided by the US Navy, under contract N00014-93-1-0337 from the Office of Naval Research. Cooperative Agreement 14-35-0001-30501 between Texas A&M University and the US Minerals Management Service provided partial support for the collection of underway temperature and salinity and other ship-of-opportunity hydrographic data and for the cost of distributing the CTD and XBT data to NOAA's National Oceanographic Data Center. TAMU Electronics Technicians RV Pittman and Mark Garner provided at sea technical support.



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.