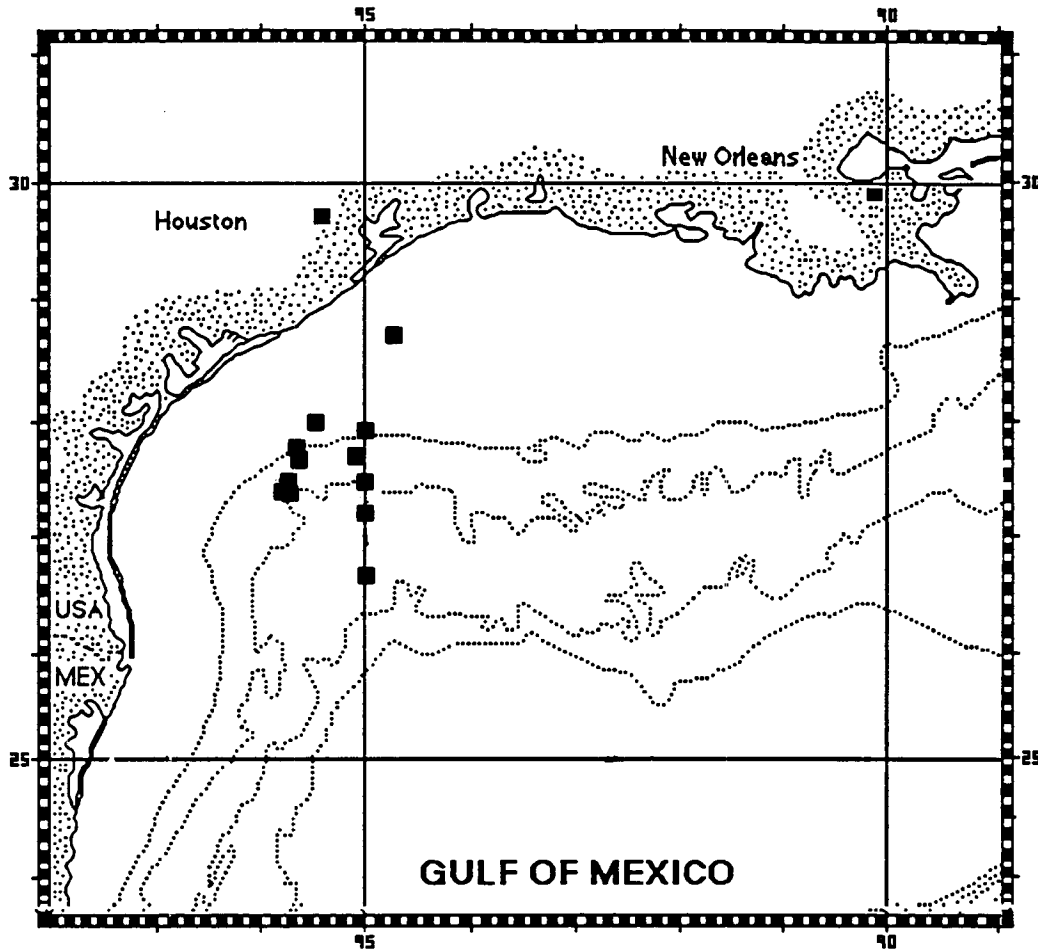


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HYDROGRAPHIC DATA FROM THE CONTINENTAL SHELF AND  
SLOPE OF THE NW GULF OF MEXICO:  
R/V GYRE CRUISE 93G-01



Technical Report 93-03-T of the Department of Oceanography  
of Texas A&M University, College Station, TX 77843

26 February 1992

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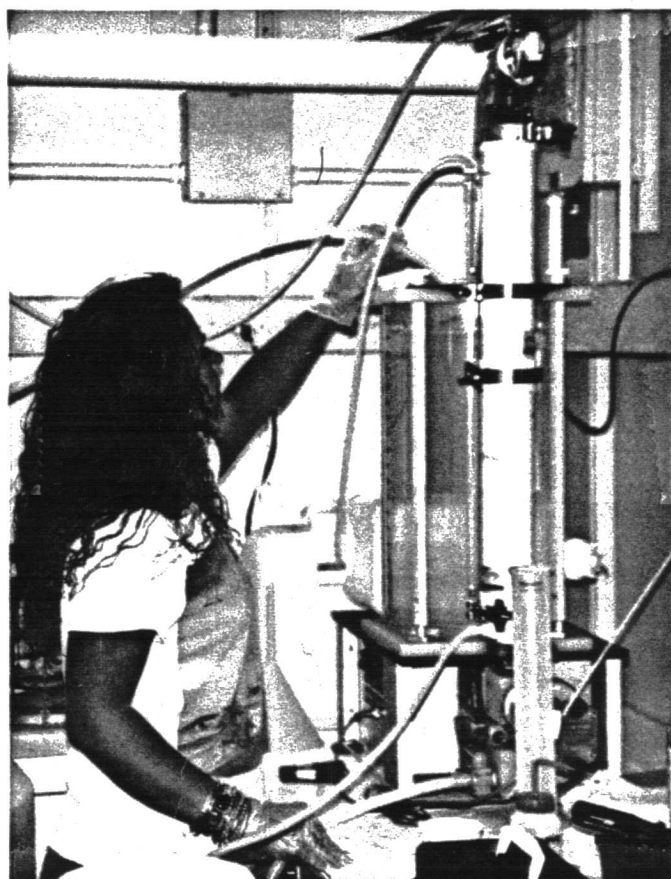
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## BRIEF DESCRIPTION OF CRUISE AND SCIENTIFIC GOALS

Research in support of an NSF- and DOE-sponsored biogeochemical study of the NW Gulf of Mexico was conducted with a shipboard science party of 23 persons, headed by Chief Scientist P. Santschi. Accompanying him were graduate students L. Guo, S. Oktay, M. Quigley, M. Ravichandran, and L. Wen and undergraduate students R. Carvalho, J. Schwantes, C. Paternostro, and K. Warnken from TAMU-Galveston, plus graduate student V. Pariente from TAMU-College Station. Staff associate Greg Boland from TAMU-CS and Judy Ovard from Ovard Associates provided diving support. Also participating were TAMU post-doctoral research scientist Ian Walsh, Assistant Professor Tom Bianchi and 2 of his graduate students from Lamar University, and TAMU technicians Ken Bottom, Mark Spears, RV Pittman, and Mark Garner. Des Rolf and Dean Letzring from TAMU Marine Operations provided deck and winch support.

Cruise 93G-01 departed Galveston at 22:00 CST on January 5 and returned to Galveston at 15:30 CST on January 14. The principal scientific goal was to collect samples to investigate dynamics and mechanisms of colloidal organic carbon transformation and transport on the continental shelf. Supporting tasks consisted of water and sediment sampling for selected radionuclides, biomarkers and pigments, trace and nutrient elements, oxygen, DOC, and colloids. Hydrodynamic conditions near the sediment-water interface and benthic respiration rates were measured at Station 1 by a free-vehicle lander and by diver-placed benthic flux chambers, respectively. The horizontal and vertical extent of a warm-core eddy (Loop Current Eddy 'V') that was centered at Sta 05 was also investigated, and the summary data from that survey (depth of the 15°C isotherm) were shared with the principal investigators of the MMS-sponsored LATEX physical oceanography program while cruise 93G-01 was still at sea.

In all, twelve stations, ranging in water depth from 20 m to 1600 m, were occupied. Data from 28 CTD casts made at these stations are included in this report.



**POSITIONS OF HYDROGRAPHIC STATIONS**

**R/V GYRE cruise 93G-01: Stations 1-5**

<u>Date</u>	<u>GMT</u>	<u>Start Station Work</u>	<u>Finish Station Work</u>	<u>Station</u>	<u>Cast Depth</u>
01-06	0916 - 0927	28 44.8 94 43.7	28 44.8 94 43.9	CTD 01	16 m
[station 02 was skipped]					
01-07	0550 - 0601	28 54.6 95 00.4	28 54.4 95 00.6	CTD 03	100 m
01-08	0459 - 0525	27 30.0 95 50.9	27 30.3 95 50.8	CTD 04	1 of 3 356 m
	0948 - 1004	27 30.1 95 50.6	27 30.2 95 50.7	CTD 04A	2 of 3 344 m
	2138 - 2203	27 30.2 95 50.2	27 30.3 95 50.2	CTD 04B	3 of 3 371 m
01-09	0632 - 0634	27 16.9 95 36.2	27 16.7 95 36.0	underway XBT	
	1412 - 1509	26 40.1 95 00.2	26 41.1 95 01.1	CTD 05	1 of 14 1602 m
	2136 - 2159	26 40.3 95 00.4	26 40.8 95 00.7	CTD 05A	2 of 14 299 m
	2240 - 2257	26 40.5 95 00.0	26 40.7 95 00.0	CTD 05B	3 of 14 110 m
01-10	0008 - 0036	26 40.0 95 00.0	26 40.3 95 00.0	CTD 05C	4 of 14 250 m
	0234 - 0309	26 40.5 95 00.1	26 41.2 95 00.7	CTD 05D	5 of 14 749 m
	1251 - 1345	26 39.8 95 00.7	26 39.8 95 01.7	CTD 05E	6 of 14 1598 m
	1559 - 1718	26 39.9 95 00.1	26 40.5 95 02.2	CTD 05F	7 of 14 1598 m
	2137 - 2256	26 40.0 95 00.0	26 41.2 95 02.0	CTD 05G	8 of 14 1602 m
01-11	0407 - 0501	26 40.1 95 00.3	26 40.7 95 01.6	CTD 05H	9 of 14 1602 m
	0603 - 0653	26 40.4 95 00.4	26 41.3 95 01.3	CTD 05I	10 of 14 1603 m
	0802 - 0917	26 39.9 95 00.5	26 42.2 95 01.1	CTD 05J	11 of 14 1604 m
	1749 - 1855	26 40.0 95 00.0	26 39.8 95 00.6	CTD 05K	12 of 14 1599 m
01-12	0121 - 0202	26 40.4 95 01.0	26 40.8 95 01.4	CTD 05L	13 of 14 1605 m
	0613 - 0652	26 40.0 95 00.0	26 40.8 95 00.3	CTD 05M	14 of 14 1603 m

**POSITIONS OF HYDROGRAPHIC STATIONS**

**R/V GYRE cruise 93G-01: Stations 6-13**

01-12	1802 - 1856	27 15.0 95 00.0	27 14.4 94 58.7	CTD 06		1123 m
	2147 - 2233	27 28.8 94 59.9	27 28.4 94 59.2	CTD 07		917 m
01-13	0031 - 0101	27 43.0 95 04.3	27 42.8 95 03.6	CTD 08		539 m
	0737 - 0757	27 29.8 95 50.0	27 29.5 95 49.9	CTD 09	1 of 2	356 m
	1153 - 1212	27 30.1 95 50.0	27 30.5 95 50.3	CTD 09A	2 of 2	361 m
01-14	0117 - 0136	27 35.8 95 47.1	27 36.2 95 47.1	CTD 10		303 m
	0253 - 0308	27 41.5 95 42.0	27 41.5 95 42.2	CTD 11		252 m
	0348 - 0358	27 44.0 95 41.6	27 44.0 95 41.7	CTD 12		82 m
	0716 - 0722	28 00.9 95 30.3	28 00.8 95 30.4	CTD 13		49 m

WEATHER LOG (page 1 of 2)

NOAA FORM 72-56 (4-74)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION										FORM APPROVED O.M.B. No. 41-R2734	
MARINE COASTAL WEATHER LOG—SHIP STATION													
SHIP NAME		R/V GYRE 93-G-1				RADIO CALL SIGN				DATE		JAN - 8, 1993	
(1)	(2)	(3)	(4)	(5)	(6)		(7) STATE OF SEA			(8)	(9)	(10)	(11)
DATE	TIME (GMT)	POSITION	PRESENT WEATHER	VISIBI- LITY (MI)	WIND DIR. (10 deg)	SPEED (Kts)	WAVE HEIGHT (ft)	SWELL DIRECTION (10 deg)	HEIGHT (ft)	SEA TEMP. (C)	AIR TEMP. (C)	PRES- SURE	REMARKS (浪高, etc.)
6	1910	28° 44.00 94° 48.00	Clear	12	LT NE	7	2-3	NE	2-3		60	10205	
6	1930	28° 44.00 94° 43.5	Cloudy	10	NE	10	2-3	NE	2-3		58	10180	
6	1730	28° 45' N 94° 44 W	PT CLOUDY	8	NE	8	1	NE	2	19	64	1023	
6	2145	28° 45' N 94° 48 W	PT. Cloudy	8	NE	8	1	NE	1		61	1024	
7	0130	29° 30' N 94° 48 W	PT Cloudy	8	ENE	10	1	ENE	2		60	1015	
7	0530	28° 55' N 95° 00 W	PT. CLOUDY	8	ENE	18	2	ENE	2-3		64	1022	
7	0730	28° 32' N 95° 34' W	Cloudy SCAT. Squalls	8	ENE	10	2	ENE	3-4		71	1020	
7	1230	27° 27' N 95° 54' W	Cloudy SCAT. RAIN	6	N	24	2	NNE	3-4		63	1015	NORTHER WINDING
7	2130	27° 36' N 95° 53' W	Cloudy SCAT. RAIN	8	NNE	15	2	NE	3-4		70	1015	
8	0130	27° 27' N 95° 55' W	CLOUDY	8	NNE	15	2-3	NE	4-5		67	1015	
8	0530	27° 30' N 95° 50' W	CLOUDY	8	N	24	1	NE	1-2		67	1016	
8	0745	27° 30' N 95° 50' W	cloudy	8	N	3	1	N	1		68	1016	
8	1330	27° 30' N 95° 50' W	PT. Cloudy	8	NNE	5	1	ENE	3		68	1016	
8	1730	27° 30' N 95° 49' W	CLOUDY	8	NNE	7	1	NNW	1-2		70	1015	
8	2145	27° 30' N 95° 50' W	Cloudy	8	NNE	7	1	NNE	1-2		72	1016	
9	0130	27° 30' N 95° 50' W	PT Cloudy	8	NE	15	1	NE	2-3		72	1014	
9	0530	27° 22' N 95° 41' W	PT. CLOUDY	8	NE	19	2	NE	2-3		72	1015	
9	0745	27° 27.20 95° 24.00	P. cloudy	8	SE	17	3-4	SE	4				
9	1330	26° 42' N 95° 02' W	P. Cloudy	8	SE	15	3-4	SE	4	73	70	1015	
9	1730	26° 42' N 95° 02' W	P. cloudy	8	SE	17	1-2	SSE	3-4		74	1014	
9	2145	26° 40' N 95° 02' W	P. cloudy	8	SE	15	1-3	SSE	3-4		76	1014	
10	0130	26° 40' N 95° 00' W	Cloudy	8	SE	15	1-3	SE	3-4		75	1016	
10	0530	26° 40' N 95° 00' W	LT. RAIN	6	SE	9	1-3	SE	2-3		75	1015	
10	0745	26° 40' N 95° 00' W	Clear	10	S	7	1	SE	1-2		70	1015	
10	1330	26° 39' N 95° 01' W	Cloudy	8	N	20	2-3	N	4		72	1018	
10	1730	26° 40' N 95° 02' W	CLOUDY	6	NNE	26	2-3	N	4-5		69	1018	
10	2145	26° 40' N 95° 02' W	cloudy	6	NNE	25	2-3	N	4-5		68	1018	
10	0130	26° 45' N 95° 04' W	Cloudy	6	NNE	23	2-2	NNE	5-6		68	10205	
11	0530	26° 40' N 95° 00' W	cloudy	6	NNE	20	2-3	NE	4-5		68	1023	
11	0730	26° 41' N 95° 01' W	Cloudy	6	NNE	20	2-3	NE	4-5		66	1022	
11	1330	26° 44' N 95° 04' W	Cloudy	6	NNE	18	2-3	NE	4-5		67	1022	
11	1730	26° 39' N 95° 02' W	CLOUDY	6	ENE	11	1-2	NE	3-4		70	1018	
11	2130	26° 37' N 95° 02' W	Cloudy	6	ENE	13	1-2	NE	3-4		72	1018	
12	0130	26° 40' N 95° 01' W	P. Cloudy	6	ENE	3	0-1	NE	3		75	1016	

WEATHER LOG (page 2 of 2)

NOAA FORM 72-56 (6-74)		U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION								FORM APPROVED O.M.B. No. 41-R2724			
MARINE COASTAL WEATHER LOG—SHIP STATION													
SHIP NAME R/V GYRE 93-G-1			RADIO CALL SIGN KJCL				DATE (month and year) 12 JAN '93						
(1) DATE	(2) TIME (UTC)	(3) POSITION	(4) PRESENT WEATHER	(5) VISI- BILITY (MI)	(6) WIND DIR. SPEED (18 MS) (KTS)		(7) STATE OF SEA WAVE SWELL HEIGHT DIR. HEIGHT (Ft) (Ft)			(8) SEA TEMP. DC DF	(9) AIR TEMP. DC DF	(10) PRES- SURE	(11) REMARKS (Temp, etc.)
12	0530	26°43'N 95°02'W	P/Cloudy	6	SW	16	1	SE	1-2		72	1019	
12	0730	26°40'N 95°00'W	Flaky	6	SE	24	1	SE	1-2		72	1019	
12	1530	26°40'N 95°05'W	Cloudy	6	W	10	1-2	W	3		73	1019	
12	1730	27°11'N 95°00'W	LT HAZE CLOUDY	6	NNW	13	1-2	NNW	2		70	1019	
12	1930	27°27' 94°57'W	LT HAZE Cloudy	6	NNW	20	1-2	NNW	2		66	1020	
13	1330	27°48'N 95°03'W	HAZE CLOUDY	6	NW	10	1-2	NW	3		65	10205	
13	1930	27°29'N 95°50'W	Cloudy	6	NW	20	2-3	NW	3		66	1025	
13	1330	27°31'N 95°51'W	P. Cloudy	6	NE	20	2-3	NE	4-5		63	1026	
13	1730	27°28'N 95°54'W	P. CLOUDY	8	NE	21	2-3	NE	3-4		63	1026	
13	2130	27°28'N 95°50'W	P. Cloudy	8	NE	20	2-3	NE	3-4		64	10265	
14	0130	27°40'N 95°47'W	Cloudy	8	NE	20	2-3	NE	4-5		64	10285	
14	0530	27°53'N 95°36'W	CLOUDY	8	NE	18	1-2	NE	4-5		62	1028	
14	0930	27°10'N 95°24'W	Cloudy	8	NE	24	1-2	NE	4		60	1027	
14	1330	28°36'N 95°06'W	Cloudy	8	NE	15	1-2	NE	3-4		60	1026	
14	1730	29°01'N 94°46'W	CLOUDY	8	NE	14	1-2	NE	2-3		56	1026	

## CTD DATA

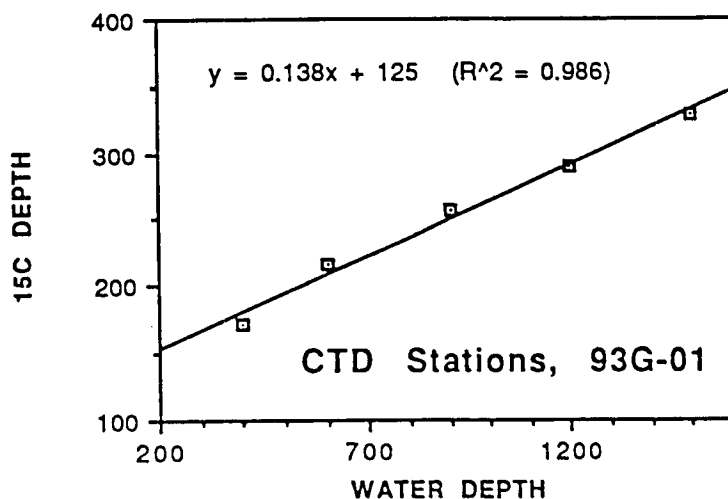
Temperature and salinity were profiled with a Seabird SBE-09 CTD. A SeaTech model 025D transmissometer and a Chelsea Instruments 'Aquatrakka' Mark III submersible fluorometer were attached to profile transmissivity and fluorescence.

The following pages present tables of 1 m averaged downcast temperature, salinity, transmissometer, and fluorometer data, which are followed by plots of the downcast data. No T or S corrections have been made to the raw CTD data because there was negligible offset between CTD salinity and bottle salinity and because the CTD salinity within the subsurface minimum at deep water stations 05-07 matches well with that which we have measured on previous cruises in the NW Gulf of Mexico. These minimum salinities are summarized in a table in the "Dynamic Height" section of this report.

Station 02, which was originally planned to be done in a water depth of 60 m between Sta 01 (z = 20 m) and Sta 03 (z = 100 m), was skipped to save time. Thus, there are no hydrographic data for Sta 02.

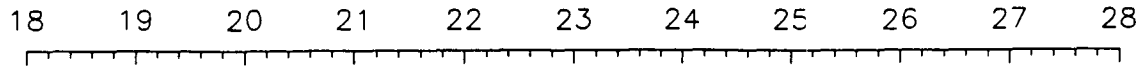
Station 05 was located near the center of Loop Current Eddy 'V'. Salinities greatly exceeding 36.5 PSU in the subsurface maximum from 150-220 m at this station give evidence not only of the Caribbean Underwater origin of this water, but since they exceed 36.8 PSU they indicate that Eddy 'V' had mixed but little with the adjacent Gulf of Mexico slope water in the 9 weeks that had elapsed since it was previously sampled on *Gyre* cruise 92G-13 (31 October 92).

Problems with bubbles in the conductivity cell created severe artifacts in the salinity data at Sta 03 (both downcast and upcast), so salinity and sigma-t have not been reported for Sta 03. The submersible fluorometer, which was used at Sta 03 and 04 and again at Sta 08-13, exhibited sinusoidal oscillations when the output voltage approached 1 volt (depths below about 150 m). Thus, low signal to noise conditions at low output voltage make fluorescence data problematic for depths deeper than about 150 m. Because the housing for the submersible fluorometer was rated for operation to only 600 m, except for CTD 05A to 300 m this instrument was not attached to the CTD at deep water stations 05, 06, or 07.

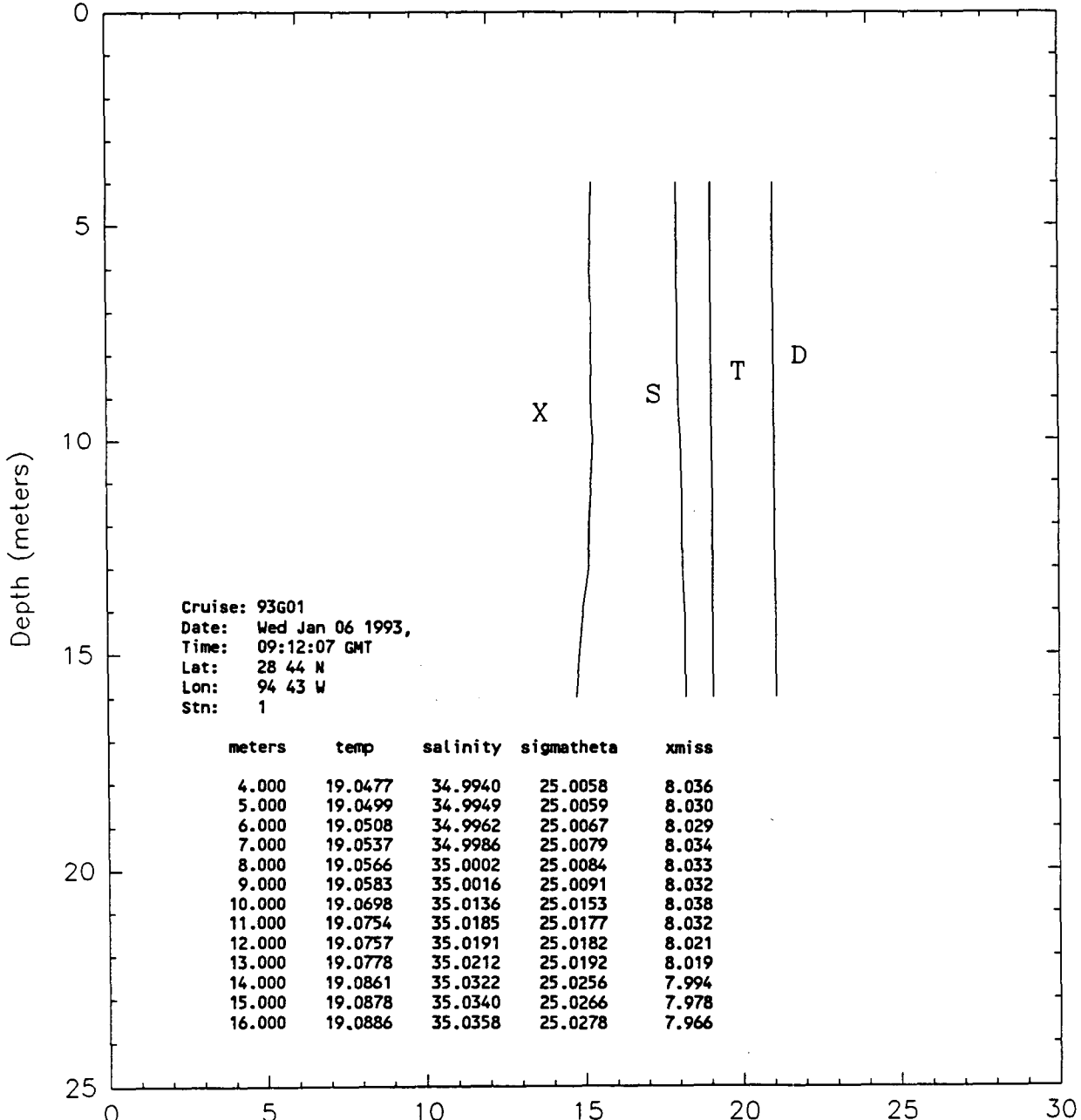




Density (Sigma-theta)



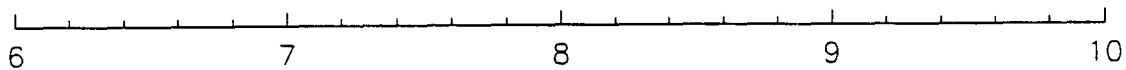
Salinity (ppt)



Cruise: 93G01  
 Date: Wed Jan 06 1993,  
 Time: 09:12:07 GMT  
 Lat: 28 44 N  
 Lon: 94 43 W  
 Stn: 1

meters	temp	salinity	sigmatheta	xmiss
4.000	19.0477	34.9940	25.0058	8.036
5.000	19.0499	34.9949	25.0059	8.030
6.000	19.0508	34.9962	25.0067	8.029
7.000	19.0537	34.9986	25.0079	8.034
8.000	19.0566	35.0002	25.0084	8.033
9.000	19.0583	35.0016	25.0091	8.032
10.000	19.0698	35.0136	25.0153	8.038
11.000	19.0754	35.0185	25.0177	8.032
12.000	19.0757	35.0191	25.0182	8.021
13.000	19.0778	35.0212	25.0192	8.019
14.000	19.0861	35.0322	25.0256	7.994
15.000	19.0878	35.0340	25.0266	7.978
16.000	19.0886	35.0358	25.0278	7.966

Temp. (Deg. C)



Sta 1

XSM (volts)

```

ise: 93G01
: Thu Jan 07 1993, Julian day = 7
: 05:46:56 GMT
: 27 54 N
: 95 00 W
: 3

```

	meters	temp	xmiss	fluor		meters	temp	xmiss	fluor
	4.000	22.4283	8.902	2.612		51.000	22.0434	8.956	2.466
	5.000	22.4351	8.912	2.600		52.000	22.0276	8.966	2.516
	7.000	22.4656	8.929	2.589		53.000	22.0395	8.957	2.471
	8.000	22.4607	8.926	2.599		54.000	22.1074	8.886	2.298
	10.000	22.4553	8.926	2.620		55.000	22.1781	8.858	2.196
	11.000	22.4542	8.920	2.668		56.000	22.2650	8.833	2.159
	12.000	22.4517	8.921	2.720		57.000	22.3500	8.821	2.066
	14.000	22.4539	8.921	2.570		58.000	22.3501	8.827	2.006
	15.000	22.4537	8.921	2.612		59.000	22.0869	8.846	2.032
	17.000	22.4518	8.921	2.691		60.000	21.8724	8.899	2.081
	18.000	22.4515	8.921	2.680		61.000	21.8638	8.917	2.119
	19.000	22.4490	8.921	2.679		62.000	21.8383	8.868	2.126
	20.000	22.4714	8.926	2.671		64.000	21.3186	8.758	2.152
	21.000	22.4682	8.921	2.674		65.000	20.9785	8.763	2.130
	22.000	22.4690	8.924	2.753		66.000	21.6532	8.773	2.124
	24.000	22.4712	8.931	2.666		67.000	21.1163	8.748	2.137
	25.000	22.4868	8.935	2.679		68.000	20.9137	8.742	2.137
	27.000	22.4984	8.931	2.651		69.000	20.9519	8.733	2.196
	28.000	22.4766	8.930	2.645		71.000	20.9452	8.691	2.244
	29.000	22.4754	8.935	2.649		72.000	20.7270	8.690	2.249
	30.000	22.4713	8.928	2.657		73.000	20.7740	8.675	2.225
	31.000	22.4685	8.922	2.679		74.000	20.6917	8.664	2.213
	32.000	22.4462	8.921	2.694		75.000	20.6388	8.665	2.185
	34.000	22.4533	8.935	2.679		76.000	20.6474	8.667	2.176
	35.000	22.4150	8.935	2.682		77.000	20.6866	8.662	2.143
	37.000	22.3659	8.940	2.711		78.000	20.6588	8.652	2.111
	38.000	22.2028	8.944	2.743		79.000	20.6372	8.623	2.095
	39.000	22.1037	8.949	2.763		80.000	20.6566	8.618	2.048
	40.000	22.1155	8.955	2.787		81.000	20.7477	8.645	1.984
	41.000	22.1258	8.962	2.794		82.000	20.7895	8.674	1.953
	42.000	22.1424	8.961	2.785		83.000	20.8441	8.700	1.873
	43.000	22.1325	8.965	2.759		84.000	20.8515	8.703	1.847
	44.000	22.0949	8.959	2.729		85.000	20.8720	8.716	1.967
	45.000	22.1517	8.934	2.818		86.000	20.8526	8.754	1.907
	46.000	22.2034	8.930	2.615		87.000	20.8771	8.783	1.878
	47.000	22.1837	8.917	2.604		88.000	20.8879	8.779	1.903
	48.000	22.2112	8.920	2.593		89.000	20.8924	8.786	2.018
	49.000	22.1850	8.938	2.493		90.000	20.8920	8.811	1.895
	50.000	22.1650	8.940	2.547		91.000	20.8381	8.713	1.858
						92.000	20.7697	8.670	1.833
						93.000	20.7747	8.666	1.837
						94.000	20.7764	8.653	1.834
						95.000	20.7568	8.647	1.848
						96.000	20.7488	8.647	1.909
						97.000	20.7557	8.643	1.869
						98.000	20.7603	8.642	1.851
						99.000	20.7500	8.642	1.872
						100.000	20.7495	8.640	1.925

Note: Salinity and sigma<sub>t</sub> not available.

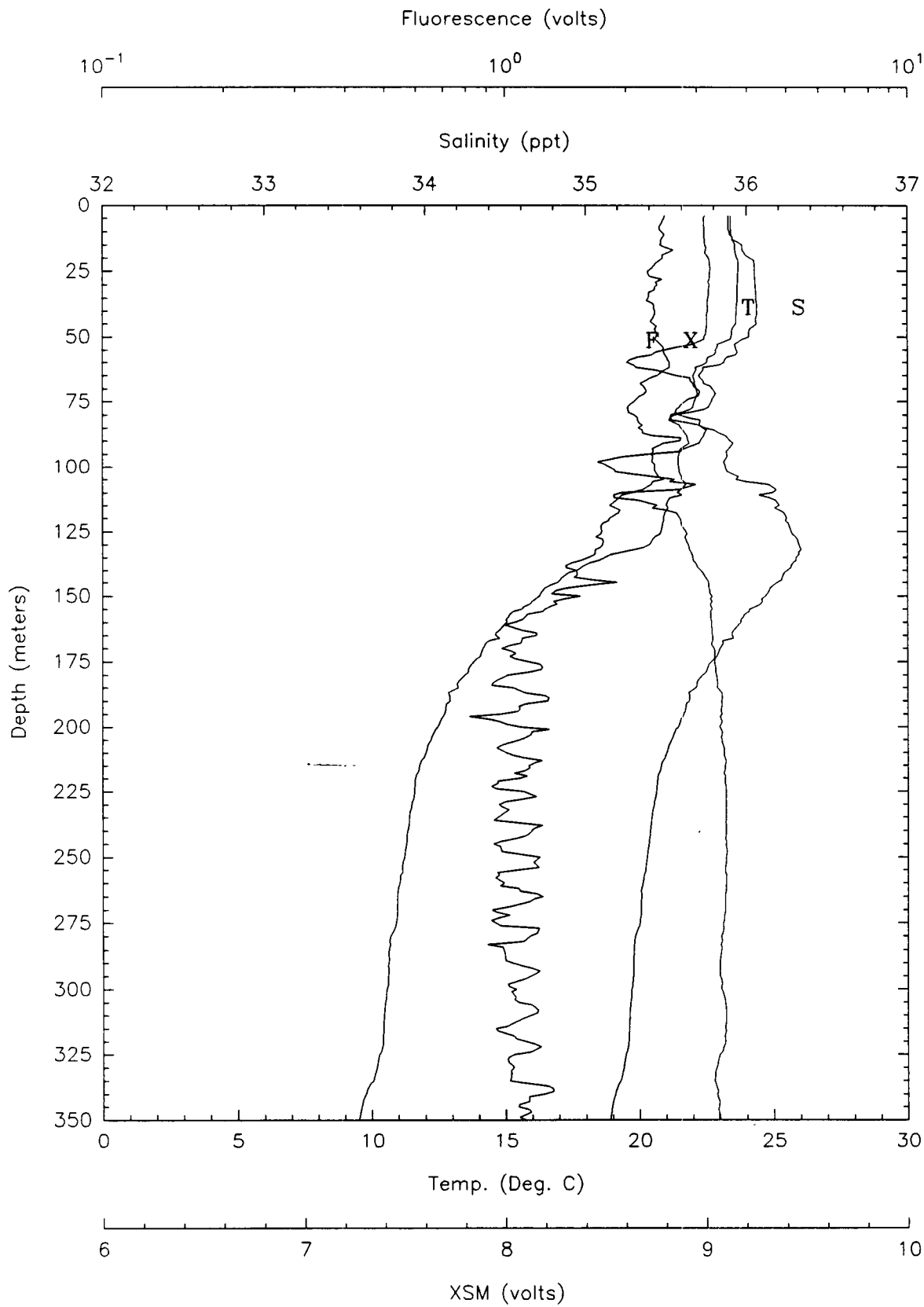
Cruise: 93G01  
 Date: Fri Jan 08 1993, Julian day = 8  
 Time: 04:54:36 GMT  
 Lat: 27 30 N  
 Lon: 95 50 W  
 Stn: 4

	meters	temp	salinity	sigmatheta	xmiss	fluor
	74.000	22.0990	35.7875	24.7941	8.915	2.126
	75.000	22.0720	35.7839	24.7990	8.898	2.097
	76.000	22.0293	35.7721	24.8022	8.878	2.053
	77.000	22.0067	35.7659	24.8039	8.866	2.018
	78.000	21.9150	35.7348	24.8060	8.853	2.023
	79.000	21.6087	35.6545	24.8303	8.847	2.030
	80.000	21.2031	35.5558	24.8672	8.866	2.095
	81.000	21.1836	35.5260	24.8499	8.910	2.138
	82.000	21.1264	35.5381	24.8748	8.970	2.140
	83.000	21.3346	35.6401	24.8954	8.969	2.156
	84.000	21.4956	35.7072	24.9021	8.965	2.196
	85.000	21.5589	35.7430	24.9119	8.985	2.150
	86.000	21.6366	35.8025	24.9356	9.001	2.198
	87.000	21.7030	35.8275	24.9362	8.993	2.196
	88.000	21.7771	35.8700	24.9479	8.989	2.315
	89.000	21.7968	35.8824	24.9519	8.981	2.739
	90.000	21.8117	35.8969	24.9588	8.971	2.724
	91.000	21.8720	35.9174	24.9576	8.966	2.487
	93.000	21.5647	35.8912	25.0234	8.892	2.325
	94.000	21.5169	35.8745	25.0241	8.871	2.342
	95.000	21.5066	35.8797	25.0309	8.729	2.314
	96.000	21.4652	35.8809	25.0433	8.584	2.330
	98.000	21.4605	35.8602	25.0290	8.462	2.320
	99.000	21.4703	35.8641	25.0293	8.494	2.357
	101.000	21.4998	35.8738	25.0287	8.543	2.351
	102.000	21.4947	35.8822	25.0365	8.550	2.362
	104.000	21.5944	35.9517	25.0618	8.736	2.413
	105.000	21.5943	35.9350	25.0493	8.843	2.482
	106.000	21.6706	35.9964	25.0748	8.820	2.331
	107.000	21.7516	36.1387	25.1605	8.950	2.314
	109.000	21.5751	36.1851	25.2451	8.868	2.203
	110.000	21.4215	36.1645	25.2721	8.581	2.077
	111.000	21.6311	36.0774	25.1477	8.541	1.956
	112.000	21.1571	36.1453	25.3306	8.544	1.922
	113.000	21.0846	36.1801	25.3768	8.663	1.892
	115.000	21.0162	36.2045	25.4143	8.757	1.822
	116.000	21.0963	36.1763	25.3709	8.734	1.882
	117.000	21.0190	36.2071	25.4156	8.803	1.930
	118.000	20.9570	36.2342	25.4532	8.853	1.915
	120.000	20.9195	36.2472	25.4735	8.869	1.821
	121.000	20.9274	36.2424	25.4677	8.876	1.810
	122.000	20.8798	36.2591	25.4934	8.877	1.749
	123.000	20.8658	36.2645	25.5014	8.880	1.732
	125.000	20.8224	36.2777	25.5234	8.899	1.741
	126.000	20.7767	36.2846	25.5412	8.906	1.731
	127.000	20.5938	36.3047	25.6060	8.895	1.686
	128.000	20.5134	36.3149	25.6355	8.901	1.749
	129.000	20.4745	36.3199	25.6499	8.905	1.754
	130.000	20.3871	36.3247	25.6771	8.912	1.753
	131.000	20.2062	36.3314	25.7306	8.916	1.731
	132.000	19.8411	36.3406	25.8347	8.916	1.681
	133.000	19.3704	36.3228	25.9445	8.927	1.677
	134.000	18.9425	36.3255	26.0569	8.931	1.672
	135.000	18.7248	36.3083	26.0993	8.935	1.614
	136.000	18.5024	36.3070	26.1547	8.935	1.546
	137.000	18.1874	36.2893	26.2202	8.946	1.468
	138.000	17.9467	36.2770	26.2708	8.954	1.417
	139.000	17.8260	36.2746	26.2988	8.960	1.419
	140.000	17.7089	36.2549	26.3126	8.974	1.502
	141.000	17.3779	36.2368	26.3797	8.983	1.511
	142.000	17.2366	36.2263	26.4057	8.990	1.512
	143.000	17.1366	36.2204	26.4253	8.997	1.485
	144.000	17.0506	36.2176	26.4439	9.006	1.666
	145.000	16.9697	36.1923	26.4439	9.014	1.900
	146.000	16.7152	36.1671	26.4852	9.013	1.627
	147.000	16.4764	36.1471	26.5261	9.013	1.424
	148.000	16.4090	36.1422	26.5380	9.019	1.335
	149.000	16.3124	36.1285	26.5501	9.018	1.305
	150.000	16.2829	36.1182	26.5491	9.029	1.538
	151.000	16.1107	36.0922	26.5691	9.022	1.401
	152.000	16.0187	36.1003	26.5966	9.029	1.320
	153.000	15.9221	36.0887	26.6099	9.022	1.346
	154.000	15.7120	36.0597	26.6357	9.023	1.294
	155.000	15.6169	36.0194	26.6262	9.030	1.255
	156.000	15.3010	36.0159	26.6949	9.021	1.239
	157.000	15.1727	35.9904	26.7038	9.023	1.138



meters	temp	salinity	sigmatheta	xmiss	fluor	meters	temp	salinity	sigmatheta	xmiss	fluor
336.000	9.9470	35.2046	27.1281	9.044	1.124	347.000	9.5762	35.1576	27.1540	9.062	1.155
337.000	9.8916	35.1952	27.1302	9.048	1.278	348.000	9.5527	35.1520	27.1535	9.062	1.117
338.000	9.8245	35.1903	27.1377	9.052	1.310	349.000	9.5366	35.1534	27.1573	9.062	1.083
339.000	9.7895	35.1861	27.1403	9.056	1.312	350.000	9.5200	35.1493	27.1569	9.060	1.120
340.000	9.7654	35.1818	27.1411	9.052	1.243	351.000	9.5066	35.1480	27.1581	9.062	1.221
341.000	9.7120	35.1753	27.1450	9.055	1.144	352.000	9.5033	35.1463	27.1573	9.050	1.083
343.000	9.6477	35.1664	27.1489	9.064	1.143	353.000	9.4958	35.1444	27.1571	9.039	0.973
344.000	9.6286	35.1643	27.1504	9.062	1.079	354.000	9.4894	35.1436	27.1576	9.038	1.002
345.000	9.5960	35.1603	27.1527	9.062	1.077	356.000	9.4851	35.1432	27.1580	9.051	1.290
346.000	9.5839	35.1592	27.1539	9.057	1.144						

Cruise 93G01



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	meters	temp	salinity	sigmtheta	xmiss	fluor	meters	temp	salinity	sigmtheta	xmiss	fluor
							83.000	20.8890	35.4281	24.8557	8.974	2.457
							84.000	20.9224	35.4451	24.8597	8.986	2.365
							85.000	20.9810	35.4732	24.8652	8.999	2.282
							86.000	21.4914	35.7427	24.9307	8.992	2.211
							87.000	21.6614	35.8004	24.9272	8.972	2.180
							88.000	21.7644	35.8483	24.9349	8.922	2.186
							89.000	21.8378	35.8816	24.9398	8.892	2.232
							90.000	21.8614	35.8948	24.9433	8.851	2.280
							91.000	21.8304	35.8994	24.9555	8.790	2.322
							93.000	21.7363	35.9003	24.9826	8.749	2.385
							94.000	21.7149	35.8976	24.9866	8.761	2.408
							95.000	21.6708	35.8901	24.9932	8.735	2.417
							96.000	21.5973	35.8788	25.0052	8.702	2.439
							98.000	21.5094	35.8655	25.0195	8.645	2.480
							99.000	21.4974	35.8669	25.0240	8.651	2.486
							100.000	21.5056	35.8697	25.0239	8.720	2.485
							101.000	21.5199	35.8997	25.0428	8.906	2.517
							102.000	21.6499	36.0322	25.1076	8.952	2.454
							103.000	21.6798	36.0579	25.1188	8.935	2.354
							104.000	21.6571	36.0801	25.1421	8.923	2.260
							105.000	21.5859	36.0840	25.1649	8.896	2.144
							106.000	21.4074	36.0823	25.2131	8.870	2.057
							108.000	21.1425	36.0862	25.2892	8.837	1.941
							109.000	21.0622	36.0698	25.2988	8.814	1.910
							110.000	20.9622	36.0782	25.3325	8.791	1.830
							111.000	20.9889	36.1008	25.3425	8.799	1.804
							112.000	21.0061	36.1578	25.3813	8.824	1.826
							113.000	20.9876	36.1853	25.4073	8.807	1.802
							114.000	20.9779	36.2070	25.4266	8.826	1.845
							115.000	20.9475	36.2247	25.4484	8.835	1.816
							116.000	20.9176	36.2378	25.4666	8.834	1.768
							117.000	20.8729	36.2480	25.4866	8.854	1.751
							118.000	20.7278	36.2755	25.5471	8.885	1.779
							119.000	20.6714	36.2863	25.5707	8.894	1.744
							121.000	20.5772	36.3131	25.6167	8.896	1.842
							122.000	20.5408	36.3185	25.6306	8.896	1.906
							123.000	20.4755	36.3260	25.6540	8.896	1.885
							125.000	20.3467	36.3342	25.6950	8.909	1.735
							126.000	20.3035	36.3423	25.7127	8.915	1.726
							127.000	20.2456	36.3472	25.7320	8.919	1.725
							128.000	20.3368	36.3385	25.7010	8.930	1.709
							129.000	20.2997	36.3111	25.6901	8.930	1.643
							130.000	19.9454	36.3459	25.8112	8.930	1.673
							131.000	19.8882	36.3363	25.8188	8.935	1.668
							133.000	19.6438	36.3350	25.8823	8.925	1.642
							134.000	19.7701	36.3413	25.8539	8.919	1.590
							135.000	19.8838	36.3051	25.7964	8.915	1.573
							136.000	19.2650	36.3179	25.9680	8.921	1.590
							138.000	18.9349	36.3153	26.0513	8.927	1.566
							139.000	18.8254	36.3175	26.0809	8.930	1.506
							140.000	18.6297	36.3171	26.1304	8.938	1.468
							141.000	18.6073	36.3234	26.1409	8.949	1.453
							142.000	18.5602	36.2942	26.1306	8.957	1.527
							144.000	17.7636	36.2658	26.3082	8.973	1.581
							145.000	17.5554	36.2480	26.3449	8.993	1.519
							147.000	17.2526	36.2418	26.4140	9.003	1.576
							148.000	17.7610	36.2540	26.2994	8.990	1.516
							149.000	17.3263	36.2015	26.3652	9.003	1.484
							150.000	16.8533	36.1885	26.4686	9.018	1.461
							152.000	16.5207	36.1684	26.5322	9.023	1.357
							153.000	16.4099	36.1523	26.5458	9.027	1.299
							155.000	16.4585	36.1650	26.5443	9.039	1.338
							156.000	16.1619	36.1107	26.5718	9.038	1.281
							157.000	15.8961	36.0881	26.6155	9.043	1.161
							158.000	15.6672	36.0526	26.6404	9.046	1.387
							160.000	15.3434	36.0295	26.6959	9.048	1.360
							161.000	15.2603	36.0037	26.6946	9.043	1.239
							162.000	15.3169	35.9637	26.6511	9.048	1.133
							163.000	14.9876	35.9550	26.7178	9.048	1.064
							164.000	14.8802	35.9507	26.7381	9.048	1.309
							165.000	14.7984	35.9362	26.7448	9.048	1.336
							166.000	14.7245	35.9229	26.7508	9.048	1.316
							168.000	14.6563	35.9101	26.7558	9.041	1.177
							169.000	14.5799	35.8963	26.7618	9.049	1.098
							170.000	14.4913	35.8818	26.7698	9.041	1.114
							171.000	14.4289	35.8715	26.7754	9.050	1.094
							172.000	14.3447	35.8596	26.7844	9.054	1.128





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						meters	temp	salinity	sigmtheta	xmiss	fluor
						73.000	21.8935	35.7182	24.7991	8.796	2.029
						74.000	21.9299	35.7339	24.8009	8.818	1.950
						75.000	22.0364	35.7750	24.8023	8.838	1.880
						76.000	22.1261	35.8184	24.8101	8.852	1.897
						77.000	22.2762	35.8864	24.8194	8.859	1.985
						78.000	22.2722	35.9026	24.8329	8.864	1.906
						79.000	22.2413	35.9069	24.8450	8.862	1.898
						80.000	22.0866	35.8889	24.8750	8.844	2.015
						81.000	21.9774	35.8708	24.8920	8.847	2.008
						82.000	21.8947	35.8499	24.8995	8.847	1.995
						83.000	21.7599	35.8112	24.9077	8.854	2.127
						84.000	21.6031	35.7811	24.9285	8.858	2.002
						85.000	21.5594	35.7622	24.9263	8.852	1.800
						86.000	21.4035	35.7266	24.9424	8.855	1.774
						87.000	21.4061	35.7301	24.9444	8.840	1.735
						88.000	21.4466	35.7461	24.9454	8.838	1.772
						89.000	21.5843	35.8143	24.9593	8.815	1.828
						90.000	21.3363	35.7783	25.0005	8.828	1.900
						91.000	21.1026	35.7374	25.0336	8.845	1.947
						92.000	21.0031	35.7160	25.0445	8.840	2.022
						93.000	20.9981	35.6991	25.0331	8.838	2.053
						94.000	21.0051	35.6999	25.0318	8.838	2.069
						95.000	21.0085	35.6991	25.0303	8.840	2.066
						96.000	21.0621	35.7429	25.0491	8.793	2.044
						97.000	21.1914	35.8366	25.0851	8.720	2.090
						98.000	21.2102	35.8354	25.0791	8.706	2.097
						99.000	21.2462	35.8513	25.0813	8.704	2.079
						100.000	21.3097	35.9474	25.1371	8.747	2.117
						101.000	21.3329	36.0855	25.2359	8.815	2.024
						102.000	21.3866	36.1180	25.2459	8.851	1.973
						103.000	21.4250	36.1383	25.2508	8.863	1.945
						104.000	21.4343	36.1514	25.2582	8.865	1.896
						105.000	21.4518	36.1732	25.2700	8.875	1.935
						106.000	21.3752	36.1836	25.2992	8.879	1.897
						107.000	20.9838	36.1874	25.4097	8.848	1.871
						108.000	20.9331	36.2062	25.4379	8.852	1.853
						109.000	20.9184	36.2024	25.4390	8.859	1.916
						110.000	20.9075	36.2049	25.4440	8.862	1.728
						111.000	20.8963	36.2065	25.4483	8.862	1.650
						112.000	20.8892	36.2079	25.4514	8.869	1.671
						113.000	20.8331	36.2279	25.4819	8.865	1.701
						114.000	20.8326	36.2288	25.4828	8.862	1.657
						115.000	20.7559	36.2985	25.5568	8.872	1.699
						116.000	20.6957	36.3091	25.5812	8.868	1.689
						117.000	20.6357	36.3192	25.6052	8.867	1.684
						119.000	20.6589	36.2983	25.5832	8.887	1.662
						120.000	20.3626	36.3555	25.7067	8.921	1.714
						121.000	20.3395	36.3501	25.7088	8.868	1.761
						122.000	20.3628	36.3478	25.7009	8.808	1.762
						123.000	20.1235	36.3685	25.7807	8.887	1.755
						124.000	19.9762	36.3705	25.8213	8.928	1.752
						125.000	19.8801	36.3717	25.8478	8.956	1.715
						126.000	19.8396	36.3676	25.8553	8.968	1.690
						127.000	19.7583	36.3642	25.8742	8.978	1.643
						128.000	19.6190	36.3709	25.9160	8.967	1.573
						129.000	19.5624	36.3799	25.9377	8.936	1.645
						130.000	19.4356	36.3739	25.9663	8.935	1.569
						131.000	19.3297	36.3601	25.9833	8.935	1.545
						132.000	19.0853	36.3408	26.0317	8.949	1.544
						133.000	18.8698	36.3413	26.0875	8.964	1.496
						134.000	18.6054	36.3508	26.1621	8.974	1.431
						135.000	18.3550	36.3229	26.2040	8.982	1.431
						136.000	18.0512	36.3135	26.2727	8.997	1.420
						137.000	17.9420	36.3139	26.3002	9.004	1.384
						138.000	17.8688	36.3157	26.3198	9.004	1.367
						139.000	17.7367	36.3052	26.3443	9.004	1.361
						140.000	17.5163	36.2853	26.3831	9.009	1.366
						141.000	17.3045	36.2686	26.4218	9.015	1.198
						142.000	17.1760	36.2608	26.4468	9.028	1.255
						143.000	17.0649	36.2461	26.4623	9.034	1.365
						144.000	16.9597	36.2319	26.4766	9.020	1.338
						145.000	16.9245	36.2294	26.4831	9.015	1.379
						146.000	16.9013	36.2228	26.4836	9.008	1.391
						147.000	16.7935	36.2099	26.4995	9.025	1.371
						148.000	16.7116	36.2013	26.5123	9.024	1.342
						149.000	16.6663	36.1956	26.5186	9.023	1.246
						150.000	16.5678	36.1823	26.5317	9.038	1.160



meters	temp	salinity	sigmtheta	xmiss	fluor	meters	temp	salinity	sigmtheta	xmiss	fluor
307.000	10.7609	35.3158	27.0721	9.096	0.913	340.000	10.4999	35.2779	27.0896	9.091	1.160
308.000	10.7624	35.3163	27.0723	9.102	0.971	341.000	10.5049	35.2777	27.0886	9.092	1.162
309.000	10.7763	35.3169	27.0702	9.095	0.976	342.000	10.4912	35.2764	27.0900	9.092	1.165
310.000	10.7633	35.3141	27.0704	9.096	0.983	343.000	10.4880	35.2761	27.0903	9.087	1.233
311.000	10.7514	35.3136	27.0722	9.096	1.006	344.000	10.4835	35.2755	27.0907	9.087	1.238
312.000	10.7468	35.3136	27.0730	9.096	1.013	345.000	10.4870	35.2752	27.0899	9.084	1.197
313.000	10.7548	35.3142	27.0721	9.096	0.949	346.000	10.4593	35.2712	27.0916	9.087	1.316
314.000	10.7382	35.3111	27.0727	9.102	0.973	347.000	10.4494	35.2708	27.0931	9.083	1.309
315.000	10.7223	35.3089	27.0738	9.095	0.888	348.000	10.4405	35.2699	27.0940	9.082	1.322
316.000	10.7039	35.3072	27.0758	9.096	0.906	349.000	10.4373	35.2685	27.0935	9.082	1.313
317.000	10.7049	35.3073	27.0757	9.096	0.882	350.000	10.4281	35.2676	27.0944	9.082	1.244
318.000	10.7007	35.3066	27.0759	9.086	1.024	351.000	10.4286	35.2676	27.0944	9.082	1.152
319.000	10.6949	35.3053	27.0760	9.090	1.132	352.000	10.4297	35.2675	27.0941	9.082	1.147
320.000	10.6854	35.3043	27.0769	9.097	1.012	353.000	10.4311	35.2677	27.0940	9.089	1.185
321.000	10.6764	35.3035	27.0779	9.096	0.908	354.000	10.4408	35.2691	27.0934	9.055	1.206
322.000	10.6754	35.3029	27.0777	9.096	1.036	355.000	10.4483	35.2697	27.0926	9.085	1.315
323.000	10.6742	35.3017	27.0769	9.096	1.283	356.000	10.4510	35.2702	27.0925	9.082	1.253
324.000	10.6547	35.2995	27.0787	9.091	1.237	357.000	10.4457	35.2698	27.0932	9.077	1.216
325.000	10.6362	35.2985	27.0812	9.088	1.305	358.000	10.4446	35.2691	27.0929	9.072	1.175
326.000	10.6297	35.2962	27.0806	9.090	1.358	359.000	10.4392	35.2678	27.0928	9.072	1.042
327.000	10.6342	35.2952	27.0791	9.092	1.235	360.000	10.3754	35.2593	27.0974	9.055	1.104
328.000	10.5961	35.2908	27.0824	9.092	1.140	361.000	10.3368	35.2555	27.1011	9.053	1.099
329.000	10.5810	35.2891	27.0838	9.092	1.236	362.000	10.3155	35.2529	27.1029	9.053	1.123
330.000	10.5655	35.2873	27.0852	9.092	1.280	363.000	10.3092	35.2511	27.1026	9.051	1.048
331.000	10.5624	35.2874	27.0858	9.094	1.146	364.000	10.2890	35.2470	27.1029	9.058	0.981
332.000	10.5552	35.2857	27.0857	9.096	1.121	365.000	10.2648	35.2460	27.1063	9.052	0.990
333.000	10.5507	35.2845	27.0857	9.092	1.244	366.000	10.2553	35.2452	27.1074	9.047	0.999
334.000	10.5491	35.2845	27.0859	9.092	1.250	367.000	10.2478	35.2425	27.1066	9.045	0.977
335.000	10.5438	35.2842	27.0866	9.092	1.229	368.000	10.1867	35.2339	27.1105	9.041	0.918
336.000	10.5449	35.2834	27.0859	9.096	1.196	369.000	10.1816	35.2349	27.1122	9.035	1.083
337.000	10.5266	35.2812	27.0874	9.096	1.324	370.000	10.0134	35.2107	27.1222	9.025	0.991
338.000	10.5133	35.2795	27.0884	9.096	1.222	371.000	9.6075	35.1552	27.1473	9.023	1.042







meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
606.000	9.0025	35.0839	27.1948	9.003	711.000	7.5457	34.9331	27.2993	9.004
608.000	8.9989	35.0833	27.1949	8.997	712.000	7.5328	34.9312	27.2996	8.999
609.000	8.9914	35.0818	27.1949	8.999	714.000	7.4725	34.9275	27.3054	9.004
610.000	8.9703	35.0787	27.1959	8.999	716.000	7.4556	34.9265	27.3070	9.004
611.000	8.8978	35.0737	27.2036	8.999	717.000	7.4534	34.9258	27.3068	9.004
612.000	8.9160	35.0742	27.2011	8.999	718.000	7.4483	34.9241	27.3062	9.000
614.000	8.8979	35.0727	27.2028	9.005	719.000	7.4113	34.9232	27.3108	9.005
615.000	8.8867	35.0714	27.2036	8.999	720.000	7.4035	34.9235	27.3121	9.004
616.000	8.8705	35.0685	27.2039	8.999	721.000	7.3881	34.9222	27.3133	9.004
617.000	8.8349	35.0663	27.2078	8.999	723.000	7.3672	34.9204	27.3149	9.004
618.000	8.8305	35.0648	27.2074	8.999	724.000	7.3622	34.9200	27.3153	9.004
619.000	8.8222	35.0636	27.2077	8.999	725.000	7.3489	34.9187	27.3162	9.004
621.000	8.7972	35.0615	27.2101	8.999	726.000	7.3302	34.9184	27.3186	9.004
623.000	8.7762	35.0592	27.2116	9.004	727.000	7.3240	34.9183	27.3194	9.001
624.000	8.7769	35.0587	27.2111	8.998	729.000	7.3156	34.9175	27.3200	9.004
625.000	8.7451	35.0545	27.2128	8.999	730.000	7.3099	34.9169	27.3203	9.004
627.000	8.6919	35.0500	27.2177	9.004	732.000	7.3015	34.9165	27.3213	9.004
628.000	8.6907	35.0500	27.2179	9.000	733.000	7.2899	34.9151	27.3218	9.004
630.000	8.6830	35.0473	27.2170	8.999	734.000	7.2574	34.9130	27.3247	8.996
631.000	8.6677	35.0476	27.2196	9.004	735.000	7.2482	34.9128	27.3259	8.999
632.000	8.6705	35.0467	27.2185	8.998	736.000	7.2222	34.9104	27.3277	9.004
633.000	8.6618	35.0464	27.2197	9.004	738.000	7.1542	34.9081	27.3353	8.998
634.000	8.6623	35.0459	27.2192	8.999	739.000	7.1541	34.9079	27.3352	9.003
636.000	8.6520	35.0452	27.2203	9.005	740.000	7.1564	34.9077	27.3347	8.998
637.000	8.6424	35.0437	27.2206	8.999	741.000	7.1262	34.9056	27.3373	9.007
638.000	8.6270	35.0419	27.2216	8.999	742.000	7.1192	34.9060	27.3386	9.004
639.000	8.6010	35.0387	27.2232	8.999	744.000	7.1159	34.9054	27.3387	9.004
640.000	8.5612	35.0353	27.2268	8.999	745.000	7.1118	34.9053	27.3392	8.999
641.000	8.5330	35.0330	27.2293	8.999	746.000	7.1098	34.9048	27.3391	8.999
643.000	8.5060	35.0298	27.2310	8.999	747.000	7.1071	34.9050	27.3396	9.003
645.000	8.4773	35.0270	27.2333	9.005	748.000	7.1057	34.9047	27.3395	9.000
646.000	8.4766	35.0261	27.2327	8.998	750.000	7.1022	34.9045	27.3399	9.005
647.000	8.4514	35.0240	27.2350	8.999	751.000	7.0994	34.9045	27.3403	9.004
648.000	8.4243	35.0222	27.2377	8.999	752.000	7.0979	34.9038	27.3400	9.004
649.000	8.4245	35.0213	27.2370	8.999	753.000	7.0875	34.9029	27.3407	9.004
650.000	8.4071	35.0195	27.2383	9.002	755.000	7.0495	34.9020	27.3453	9.004
652.000	8.3876	35.0178	27.2399	9.004	756.000	7.0487	34.9022	27.3456	9.004
653.000	8.3567	35.0132	27.2410	8.999	757.000	7.0427	34.9020	27.3462	9.002
654.000	8.3283	35.0115	27.2440	8.999	759.000	7.0202	34.9014	27.3490	9.004
656.000	8.2978	35.0104	27.2479	9.005	761.000	6.9780	34.8990	27.3529	9.004
657.000	8.2734	35.0065	27.2486	9.001	762.000	6.9604	34.8990	27.3553	9.004
659.000	8.2563	35.0047	27.2497	8.999	764.000	6.9485	34.8975	27.3558	9.000
661.000	8.2332	35.0035	27.2523	9.005	766.000	6.9117	34.8961	27.3598	9.003
662.000	8.2353	35.0021	27.2509	9.004	768.000	6.8833	34.8995	27.3663	9.004
663.000	8.2136	34.9998	27.2524	9.002	769.000	6.8830	34.8991	27.3660	9.004
665.000	8.1733	34.9960	27.2556	9.004	770.000	6.9120	34.8978	27.3611	9.004
666.000	8.1449	34.9934	27.2578	9.000	771.000	6.8542	34.8963	27.3678	9.004
668.000	8.1096	34.9905	27.2608	9.003	772.000	6.8514	34.8983	27.3698	9.004
670.000	8.1103	34.9899	27.2603	9.001	773.000	6.8496	34.8982	27.3700	9.004
671.000	8.0736	34.9867	27.2633	8.997	775.000	6.8457	34.8978	27.3702	9.004
672.000	8.0661	34.9841	27.2625	9.005	777.000	6.8462	34.8969	27.3695	9.004
673.000	8.0407	34.9818	27.2645	9.004	778.000	6.8354	34.8964	27.3705	9.004
675.000	8.0092	34.9793	27.2672	9.004	779.000	6.8220	34.8963	27.3723	9.009
677.000	8.0014	34.9790	27.2681	8.999	781.000	6.8034	34.8953	27.3740	9.003
678.000	7.9990	34.9733	27.2640	8.999	782.000	6.7894	34.8948	27.3756	9.004
679.000	7.9323	34.9695	27.2710	9.003	784.000	6.7631	34.8926	27.3774	9.004
681.000	7.8692	34.9658	27.2774	9.004	785.000	6.7529	34.8933	27.3793	9.004
683.000	7.8291	34.9610	27.2795	9.004	786.000	6.7502	34.8928	27.3793	9.004
685.000	7.8102	34.9561	27.2785	8.999	788.000	6.7405	34.8929	27.3807	9.004
687.000	7.7135	34.9488	27.2869	9.004	789.000	6.7349	34.8926	27.3813	9.004
689.000	7.7013	34.9477	27.2879	9.004	791.000	6.7329	34.8913	27.3806	9.004
690.000	7.7013	34.9475	27.2877	9.004	792.000	6.7100	34.8921	27.3843	9.004
691.000	7.7209	34.9494	27.2864	8.999	793.000	6.6983	34.8919	27.3857	9.004
692.000	7.7080	34.9425	27.2829	8.999	795.000	6.6658	34.8911	27.3894	9.004
693.000	7.6749	34.9440	27.2889	9.004	797.000	6.6425	34.8913	27.3927	9.010
695.000	7.6636	34.9435	27.2901	9.004	798.000	6.6429	34.8905	27.3921	9.004
696.000	7.6637	34.9432	27.2899	9.004	799.000	6.6327	34.8899	27.3930	9.004
697.000	7.6660	34.9432	27.2896	9.000	800.000	6.6268	34.8902	27.3940	9.004
698.000	7.6666	34.9451	27.2910	8.999	802.000	6.6222	34.8904	27.3948	9.004
699.000	7.6460	34.9439	27.2930	9.003	804.000	6.6186	34.8895	27.3946	9.004
701.000	7.6219	34.9420	27.2951	9.004	805.000	6.6032	34.8887	27.3960	9.004
702.000	7.6178	34.9411	27.2950	9.004	806.000	6.5856	34.8889	27.3985	9.004
704.000	7.6067	34.9402	27.2959	9.004	808.000	6.5585	34.8885	27.4018	9.004
705.000	7.5927	34.9384	27.2965	9.004	809.000	6.5551	34.8881	27.4020	9.004
706.000	7.5819	34.9376	27.2975	9.004	811.000	6.5427	34.8872	27.4030	9.004
708.000	7.5568	34.9349	27.2990	9.004	812.000	6.5216	34.8872	27.4058	9.004
710.000	7.5464	34.9343	27.3000	9.004	813.000	6.5063	34.8872	27.4078	9.004



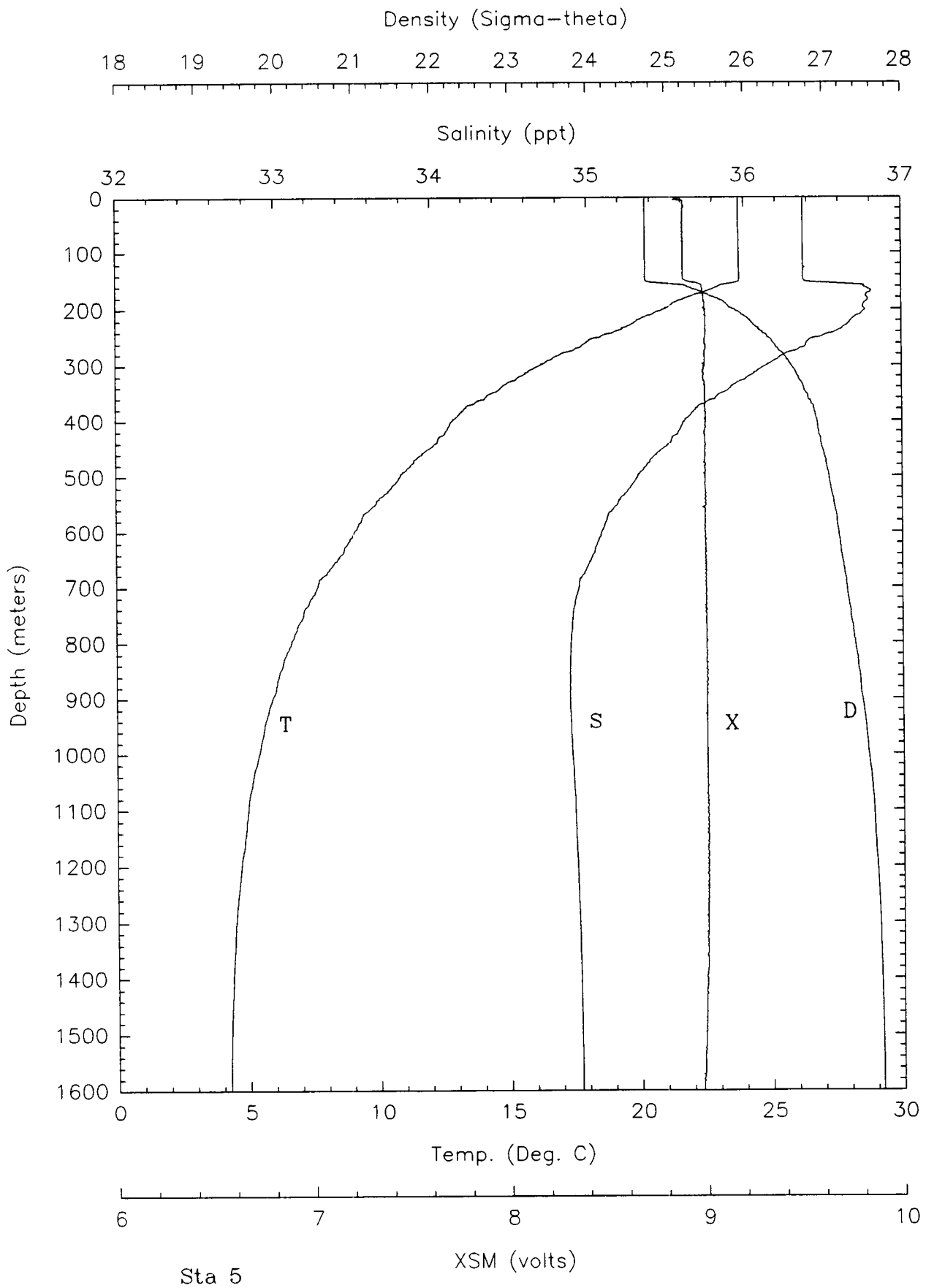








meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
588.000	4.2552	34.9513	27.7346	8.979	1596.000	4.2534	34.9517	27.7352	8.979
589.000	4.2550	34.9514	27.7347	8.979	1597.000	4.2529	34.9516	27.7352	8.979
590.000	4.2545	34.9515	27.7349	8.979	1598.000	4.2521	34.9515	27.7353	8.979
591.000	4.2546	34.9515	27.7349	8.979	1599.000	4.2511	34.9517	27.7355	8.979
592.000	4.2544	34.9515	27.7350	8.979	1600.000	4.2505	34.9520	27.7358	8.979
593.000	4.2545	34.9514	27.7349	8.979	1601.000	4.2492	34.9523	27.7362	8.979
594.000	4.2546	34.9514	27.7349	8.979	1602.000	4.2534	34.9513	27.7350	8.979
595.000	4.2539	34.9516	27.7351	8.979					

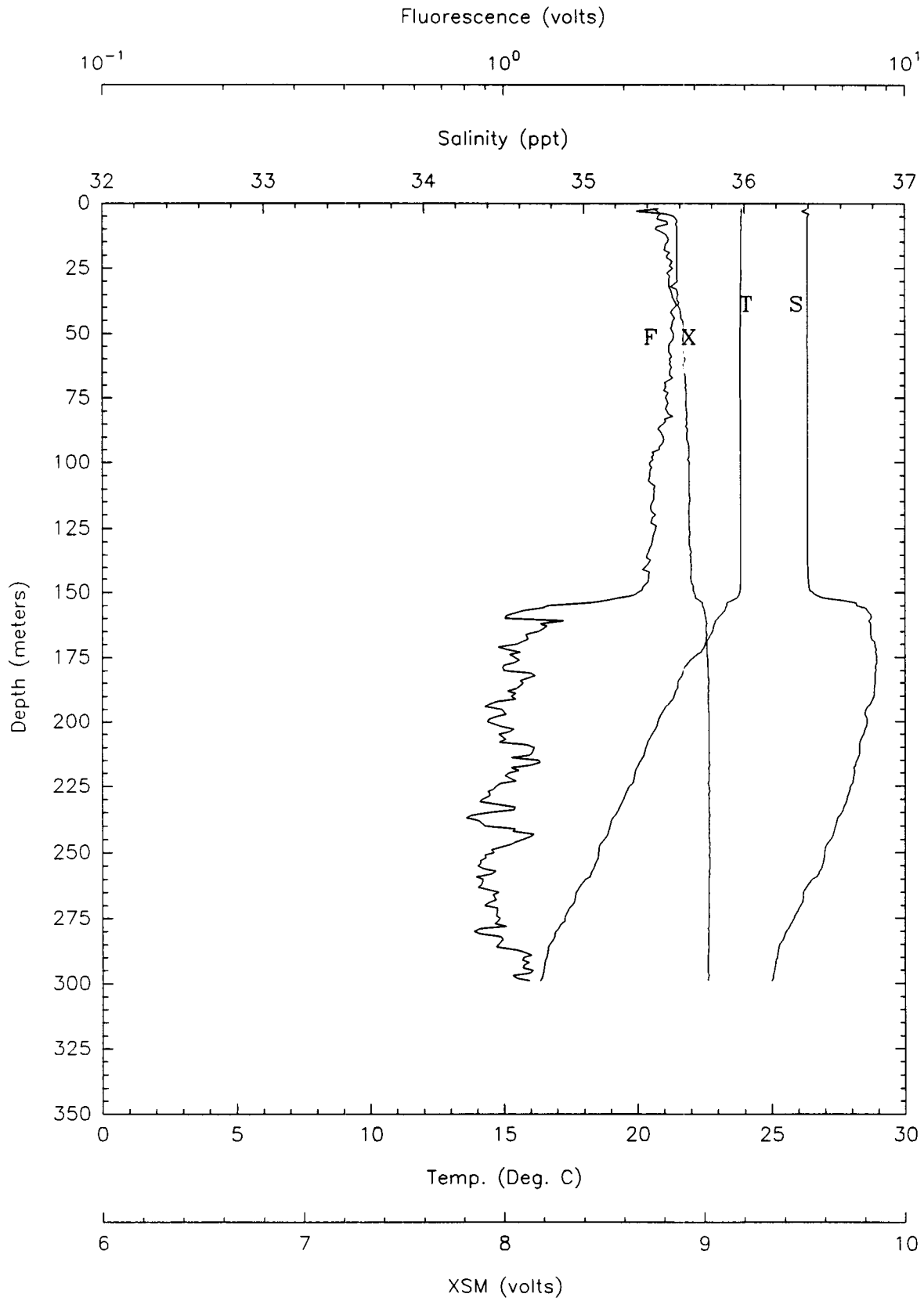


Cruise: 93G01  
 Date: Sat Jan 09 1993, Julian day = 9  
 Time: 21:32:02 GMT  
 Lat: 26 40.135 N  
 Lon: 95 00.219 W  
 Itn: 5A

	meters	temp	salinity	sigmtheta	xmiss	fluor	meters	temp	salinity	sigmtheta	xmiss	fluor
							79.000	23.8574	36.3918	24.7446	8.911	2.543
							81.000	23.8574	36.3918	24.7447	8.917	2.584
							82.000	23.8576	36.3919	24.7448	8.916	2.649
							83.000	23.8580	36.3917	24.7446	8.911	2.525
							84.000	23.8581	36.3919	24.7447	8.913	2.543
							85.000	23.8583	36.3918	24.7447	8.916	2.508
							86.000	23.8588	36.3918	24.7447	8.910	2.460
							87.000	23.8591	36.3920	24.7447	8.918	2.429
							88.000	23.8587	36.3919	24.7448	8.916	2.474
							90.000	23.8592	36.3920	24.7449	8.913	2.508
							91.000	23.8594	36.3920	24.7449	8.915	2.512
							92.000	23.8598	36.3923	24.7451	8.922	2.504
							94.000	23.8595	36.3926	24.7455	8.926	2.445
							95.000	23.8599	36.3926	24.7455	8.926	2.453
							96.000	23.8603	36.3930	24.7457	8.926	2.355
							97.000	23.8605	36.3929	24.7456	8.926	2.370
							98.000	23.8609	36.3926	24.7453	8.926	2.337
							99.000	23.8609	36.3928	24.7456	8.919	2.366
							100.000	23.8611	36.3925	24.7453	8.928	2.320
							101.000	23.8614	36.3925	24.7453	8.926	2.315
							102.000	23.8617	36.3927	24.7454	8.926	2.348
							103.000	23.8619	36.3925	24.7453	8.926	2.321
							104.000	23.8621	36.3926	24.7454	8.926	2.321
							105.000	23.8623	36.3927	24.7455	8.926	2.322
							107.000	23.8628	36.3924	24.7452	8.926	2.302
							108.000	23.8628	36.3928	24.7455	8.926	2.335
							109.000	23.8632	36.3927	24.7454	8.926	2.393
							110.000	23.8635	36.3926	24.7453	8.926	2.375
							111.000	23.8636	36.3928	24.7455	8.926	2.376
							112.000	23.8640	36.3929	24.7455	8.926	2.370
							114.000	23.8641	36.3931	24.7458	8.931	2.372
							116.000	23.8647	36.3925	24.7452	8.926	2.337
							117.000	23.8648	36.3924	24.7453	8.926	2.324
							118.000	23.8648	36.3924	24.7453	8.926	2.332
							119.000	23.8650	36.3923	24.7452	8.924	2.346
							120.000	23.8653	36.3923	24.7452	8.925	2.400
							121.000	23.8655	36.3923	24.7452	8.926	2.350
							123.000	23.8653	36.3926	24.7456	8.926	2.332
							124.000	23.8659	36.3923	24.7453	8.926	2.404
							125.000	23.8658	36.3924	24.7454	8.926	2.396
							127.000	23.8660	36.3922	24.7453	8.931	2.370
							128.000	23.8660	36.3922	24.7454	8.925	2.358
							129.000	23.8664	36.3920	24.7452	8.926	2.357
							130.000	23.8662	36.3921	24.7454	8.926	2.349
							131.000	23.8660	36.3921	24.7455	8.926	2.343
							132.000	23.8657	36.3925	24.7460	8.930	2.320
							133.000	23.8648	36.3934	24.7470	8.930	2.311
							134.000	23.8655	36.3932	24.7467	8.938	2.305
							135.000	23.8654	36.3932	24.7468	8.930	2.275
							136.000	23.8661	36.3939	24.7472	8.936	2.278
							137.000	23.8660	36.3942	24.7475	8.932	2.327
							139.000	23.8667	36.3943	24.7475	8.935	2.283
							140.000	23.8667	36.3950	24.7481	8.935	2.251
							141.000	23.8666	36.3951	24.7482	8.935	2.223
							142.000	23.8653	36.3955	24.7490	8.935	2.317
							143.000	23.8636	36.3961	24.7501	8.935	2.303
							144.000	23.8637	36.3962	24.7501	8.932	2.304
							146.000	23.8617	36.3978	24.7521	8.936	2.297
							148.000	23.8541	36.4031	24.7585	8.948	2.230
							149.000	23.8511	36.4052	24.7610	8.945	2.215
							151.000	23.7848	36.4525	24.8166	8.957	2.103
							152.000	23.7271	36.4947	24.8658	8.957	1.933
							153.000	23.5151	36.6287	25.0299	8.977	1.790
							154.000	23.3505	36.6949	25.1285	8.991	1.629
							155.000	23.3487	36.6993	25.1324	8.992	1.286
							156.000	23.2927	36.7534	25.1899	8.998	1.250
							157.000	23.2750	36.7655	25.2043	9.001	1.120
							159.000	23.1050	36.7865	25.2700	9.004	1.016
							160.000	23.0040	36.7885	25.3009	9.010	1.009
							161.000	22.9207	36.7731	25.3134	9.009	1.413
							162.000	22.8792	36.7860	25.3352	9.014	1.238
							163.000	22.8499	36.7844	25.3426	9.009	1.280
							165.000	22.8135	36.7846	25.3533	9.009	1.219
							166.000	22.7495	36.7850	25.3722	9.013	1.136
							168.000	22.6492	36.7922	25.4066	9.008	1.150
							169.000	22.5631	36.8073	25.4428	9.013	1.111
							170.000	22.5359	36.8126	25.4546	9.013	1.076

meters	temp	salinity	sigmtheta	xmiss	fluor	meters	temp	salinity	sigmtheta	xmiss	fluor
171.000	22.5128	36.8110	25.4601	9.013	0.969	237.000	19.0648	36.5772	26.2229	9.023	0.806
172.000	22.4350	36.8194	25.4888	9.013	1.014	238.000	19.0144	36.5745	26.2338	9.023	0.868
173.000	22.3971	36.8147	25.4961	9.013	1.100	240.000	18.9742	36.5639	26.2361	9.023	0.897
174.000	22.2223	36.8214	25.5510	9.013	1.036	241.000	18.9500	36.5592	26.2388	9.023	1.067
176.000	21.9985	36.8214	25.6145	9.018	1.093	242.000	18.9206	36.5571	26.2447	9.025	1.053
177.000	21.9147	36.8221	25.6387	9.018	1.059	243.000	18.8868	36.5507	26.2486	9.023	1.188
178.000	21.8301	36.8148	25.6569	9.018	1.003	244.000	18.8502	36.5461	26.2544	9.023	1.169
179.000	21.7502	36.8147	25.6793	9.018	0.994	246.000	18.6898	36.5221	26.2769	9.025	1.073
180.000	21.7346	36.8161	25.6848	9.018	1.002	247.000	18.5942	36.5098	26.2919	9.028	1.037
181.000	21.6981	36.8118	25.6918	9.018	1.169	248.000	18.5588	36.5028	26.2955	9.026	0.985
182.000	21.6761	36.8128	25.6987	9.018	1.197	249.000	18.5479	36.5001	26.2963	9.028	0.932
184.000	21.5334	36.8107	25.7370	9.023	1.101	250.000	18.5343	36.4981	26.2981	9.028	0.943
185.000	21.5110	36.8102	25.7429	9.023	1.119	251.000	18.5418	36.4976	26.2959	9.023	0.895
187.000	21.5083	36.8052	25.7400	9.018	1.082	252.000	18.5189	36.4951	26.2999	9.027	0.901
188.000	21.4212	36.8059	25.7648	9.024	1.024	253.000	18.4793	36.4908	26.3066	9.028	0.875
189.000	21.4025	36.8049	25.7693	9.019	1.070	254.000	18.4228	36.4888	26.3194	9.028	0.875
190.000	21.3775	36.8044	25.7759	9.020	1.044	255.000	18.3957	36.4829	26.3217	9.028	0.859
191.000	21.3418	36.7980	25.7809	9.021	1.069	256.000	18.3638	36.4776	26.3257	9.028	0.889
192.000	21.2466	36.7923	25.8029	9.018	0.965	257.000	18.2948	36.4655	26.3338	9.024	0.955
193.000	21.1819	36.7816	25.8127	9.022	0.920	258.000	18.2561	36.4626	26.3414	9.027	0.932
194.000	21.0779	36.7674	25.8305	9.020	0.899	259.000	18.2120	36.4461	26.3398	9.023	0.853
195.000	21.0173	36.7542	25.8371	9.021	0.985	260.000	18.0607	36.4193	26.3569	9.023	0.887
197.000	20.8986	36.7466	25.8639	9.023	1.014	262.000	17.9038	36.3961	26.3781	9.023	0.880
198.000	20.8531	36.7536	25.8817	9.023	0.962	263.000	17.8323	36.3838	26.3864	9.023	0.863
199.000	20.8025	36.7602	25.9006	9.023	0.919	265.000	17.7048	36.3633	26.4021	9.023	0.970
200.000	20.7684	36.7609	25.9104	9.023	0.911	266.000	17.6818	36.3636	26.4080	9.023	0.940
202.000	20.7338	36.7588	25.9184	9.023	0.984	267.000	17.6582	36.3633	26.4136	9.023	0.947
203.000	20.6841	36.7504	25.9255	9.023	1.059	268.000	17.6426	36.3630	26.4172	9.023	0.956
204.000	20.6061	36.7432	25.9412	9.023	1.032	269.000	17.6277	36.3585	26.4175	9.023	0.914
205.000	20.5495	36.7412	25.9550	9.023	0.972	270.000	17.5420	36.3489	26.4311	9.023	0.894
207.000	20.4423	36.7230	25.9701	9.023	1.011	271.000	17.4597	36.3371	26.4421	9.023	0.962
208.000	20.3836	36.7181	25.9822	9.023	0.974	272.000	17.4066	36.3306	26.4500	9.023	0.963
209.000	20.3723	36.7139	25.9821	9.023	1.136	274.000	17.2999	36.3105	26.4605	9.023	0.958
210.000	20.3238	36.7131	25.9945	9.023	1.190	275.000	17.2773	36.3075	26.4637	9.023	0.979
212.000	20.2733	36.7132	26.0083	9.023	1.177	276.000	17.2688	36.2990	26.4593	9.023	0.964
213.000	20.2520	36.7123	26.0133	9.023	1.159	277.000	17.1440	36.2864	26.4797	9.023	0.948
214.000	20.1942	36.7058	26.0238	9.023	1.043	278.000	17.0818	36.2803	26.4900	9.023	1.014
215.000	20.1515	36.6983	26.0295	9.023	1.223	279.000	17.0444	36.2705	26.4915	9.018	0.871
216.000	20.0679	36.6910	26.0463	9.023	1.232	280.000	16.9456	36.2559	26.5039	9.023	0.841
217.000	20.0421	36.6898	26.0523	9.028	1.161	281.000	16.9115	36.2518	26.5090	9.021	0.869
218.000	19.9849	36.6782	26.0587	9.020	1.045	282.000	16.9017	36.2450	26.5061	9.021	0.980
219.000	19.9396	36.6828	26.0743	9.023	1.092	283.000	16.8405	36.2381	26.5154	9.021	0.993
220.000	19.9217	36.6825	26.0788	9.023	1.027	285.000	16.7036	36.2159	26.5308	9.021	0.967
221.000	19.8948	36.6794	26.0836	9.023	1.008	286.000	16.6549	36.2108	26.5385	9.023	0.957
223.000	19.8556	36.6764	26.0918	9.023	1.072	287.000	16.6555	36.2088	26.5367	9.020	1.075
224.000	19.8200	36.6719	26.0978	9.018	0.977	288.000	16.6301	36.2066	26.5411	9.022	1.124
225.000	19.6993	36.6585	26.1194	9.023	0.958	289.000	16.6113	36.2038	26.5434	9.019	1.170
226.000	19.6431	36.6534	26.1303	9.023	0.945	290.000	16.6004	36.2026	26.5451	9.018	1.120
227.000	19.6050	36.6516	26.1390	9.028	0.914	291.000	16.5544	36.1951	26.5502	9.018	1.111
228.000	19.5557	36.6459	26.1476	9.022	0.923	292.000	16.5203	36.1901	26.5544	9.018	1.154
229.000	19.5201	36.6397	26.1522	9.023	0.916	293.000	16.5145	36.1902	26.5559	9.018	1.122
230.000	19.4820	36.6351	26.1586	9.023	0.882	294.000	16.5012	36.1861	26.5559	9.018	1.116
231.000	19.4381	36.6323	26.1680	9.023	0.872	295.000	16.4837	36.1837	26.5582	9.018	1.182
233.000	19.3443	36.6158	26.1799	9.023	1.067	296.000	16.4688	36.1804	26.5592	9.018	1.162
234.000	19.3006	36.6135	26.1895	9.023	1.058	297.000	16.4407	36.1778	26.5638	9.024	1.054
235.000	19.2269	36.6050	26.2022	9.023	0.923	298.000	16.4245	36.1758	26.5661	9.019	1.076
236.000	19.1607	36.5915	26.2090	9.028	0.827	299.000	16.3584	36.1667	26.5745	9.018	1.159

Cruise 93G01

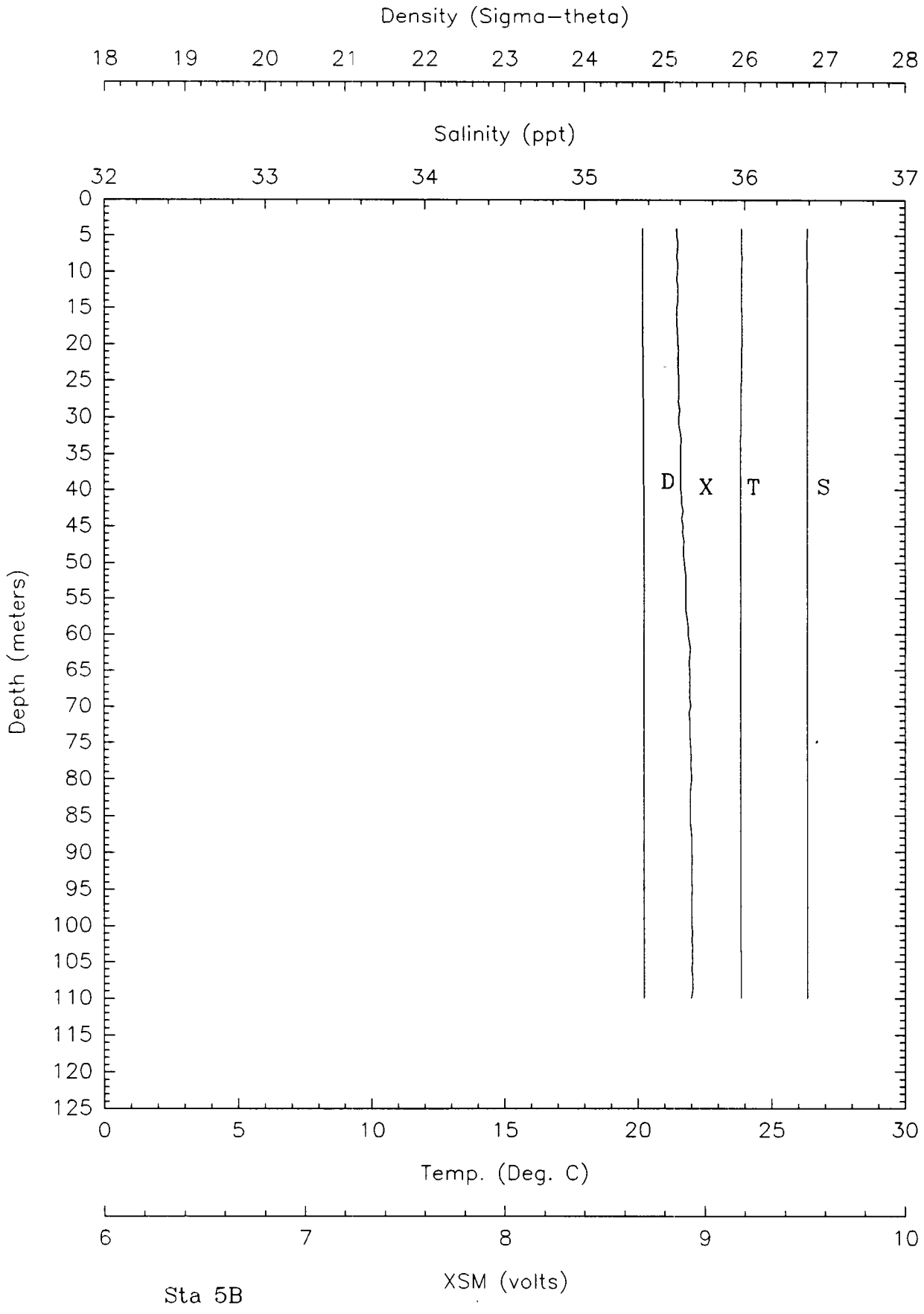


Sta 5A



ruise: 93G01  
 ate: Sat Jan 09 1993, Julian day = 9  
 ime: 22:43:53 GMT  
 at: 26 40.122 N  
 on: 95 00.065 W  
 tn: 5B

meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
4.000	23.8853	36.3884	24.7290	8.862	52.000	23.8470	36.3895	24.7443	8.905
5.000	23.8848	36.3886	24.7294	8.862	53.000	23.8469	36.3894	24.7442	8.906
6.000	23.8870	36.3883	24.7285	8.868	54.000	23.8472	36.3895	24.7443	8.906
7.000	23.8877	36.3882	24.7283	8.865	55.000	23.8474	36.3895	24.7443	8.906
8.000	23.8888	36.3882	24.7281	8.862	56.000	23.8476	36.3894	24.7442	8.906
9.000	23.8887	36.3884	24.7283	8.868	57.000	23.8473	36.3894	24.7444	8.906
10.000	23.8880	36.3882	24.7284	8.865	58.000	23.8472	36.3895	24.7445	8.912
11.000	23.8880	36.3882	24.7285	8.862	59.000	23.8456	36.3890	24.7447	8.918
12.000	23.8873	36.3884	24.7289	8.868	60.000	23.8456	36.3888	24.7446	8.918
13.000	23.8879	36.3884	24.7288	8.867	62.000	23.8448	36.3889	24.7451	8.928
14.000	23.8877	36.3884	24.7290	8.867	63.000	23.8451	36.3890	24.7451	8.926
15.000	23.8879	36.3885	24.7290	8.862	64.000	23.8455	36.3887	24.7448	8.923
16.000	23.8894	36.3885	24.7286	8.862	65.000	23.8459	36.3887	24.7448	8.926
17.000	23.8901	36.3887	24.7287	8.862	66.000	23.8460	36.3888	24.7449	8.926
18.000	23.8905	36.3885	24.7284	8.864	67.000	23.8461	36.3888	24.7449	8.926
19.000	23.8905	36.3885	24.7285	8.866	68.000	23.8461	36.3887	24.7449	8.926
20.000	23.8895	36.3889	24.7292	8.867	69.000	23.8464	36.3887	24.7448	8.926
21.000	23.8852	36.3895	24.7309	8.869	70.000	23.8464	36.3888	24.7450	8.932
22.000	23.8857	36.3896	24.7310	8.868	71.000	23.8471	36.3886	24.7447	8.923
23.000	23.8815	36.3902	24.7327	8.867	72.000	23.8469	36.3890	24.7451	8.926
24.000	23.8770	36.3909	24.7346	8.870	73.000	23.8474	36.3888	24.7449	8.926
25.000	23.8741	36.3908	24.7354	8.872	74.000	23.8478	36.3890	24.7450	8.926
26.000	23.8710	36.3909	24.7365	8.872	75.000	23.8483	36.3893	24.7451	8.929
27.000	23.8712	36.3904	24.7361	8.872	77.000	23.8493	36.3897	24.7453	8.933
28.000	23.8648	36.3906	24.7383	8.869	78.000	23.8497	36.3895	24.7451	8.931
29.000	23.8642	36.3906	24.7385	8.877	79.000	23.8502	36.3900	24.7453	8.934
30.000	23.8664	36.3907	24.7380	8.871	80.000	23.8503	36.3898	24.7452	8.935
31.000	23.8626	36.3905	24.7390	8.872	81.000	23.8502	36.3895	24.7451	8.932
32.000	23.8627	36.3904	24.7390	8.879	82.000	23.8502	36.3894	24.7451	8.930
33.000	23.8558	36.3902	24.7410	8.884	83.000	23.8499	36.3891	24.7450	8.930
34.000	23.8517	36.3902	24.7422	8.881	84.000	23.8497	36.3890	24.7450	8.930
35.000	23.8515	36.3900	24.7422	8.882	85.000	23.8499	36.3891	24.7451	8.930
36.000	23.8516	36.3902	24.7424	8.882	86.000	23.8502	36.3892	24.7452	8.930
37.000	23.8518	36.3899	24.7421	8.882	87.000	23.8507	36.3893	24.7451	8.933
38.000	23.8518	36.3902	24.7424	8.882	88.000	23.8512	36.3894	24.7452	8.935
39.000	23.8518	36.3900	24.7424	8.882	89.000	23.8515	36.3895	24.7452	8.935
40.000	23.8505	36.3900	24.7429	8.882	90.000	23.8520	36.3898	24.7454	8.935
41.000	23.8496	36.3900	24.7432	8.886	91.000	23.8522	36.3899	24.7454	8.938
42.000	23.8495	36.3900	24.7433	8.886	92.000	23.8525	36.3899	24.7454	8.936
43.000	23.8495	36.3901	24.7434	8.893	93.000	23.8526	36.3900	24.7455	8.935
44.000	23.8495	36.3902	24.7435	8.886	94.000	23.8530	36.3898	24.7453	8.935
45.000	23.8497	36.3900	24.7434	8.892	95.000	23.8532	36.3900	24.7455	8.938
46.000	23.8492	36.3901	24.7437	8.891	96.000	23.8538	36.3900	24.7454	8.936
47.000	23.8487	36.3900	24.7438	8.897	98.000	23.8543	36.3902	24.7455	8.935
48.000	23.8491	36.3902	24.7438	8.896	99.000	23.8547	36.3903	24.7455	8.935
49.000	23.8486	36.3897	24.7437	8.896	100.000	23.8550	36.3903	24.7455	8.935
50.000	23.8477	36.3897	24.7440	8.899	101.000	23.8554	36.3905	24.7456	8.939
51.000	23.8475	36.3897	24.7442	8.901	102.000	23.8556	36.3903	24.7455	8.936
					103.000	23.8559	36.3904	24.7455	8.940
					104.000	23.8563	36.3904	24.7455	8.937
					105.000	23.8560	36.3903	24.7455	8.940
					106.000	23.8564	36.3903	24.7454	8.936
					107.000	23.8566	36.3902	24.7454	8.941
					108.000	23.8566	36.3902	24.7455	8.940
					109.000	23.8563	36.3902	24.7456	8.940
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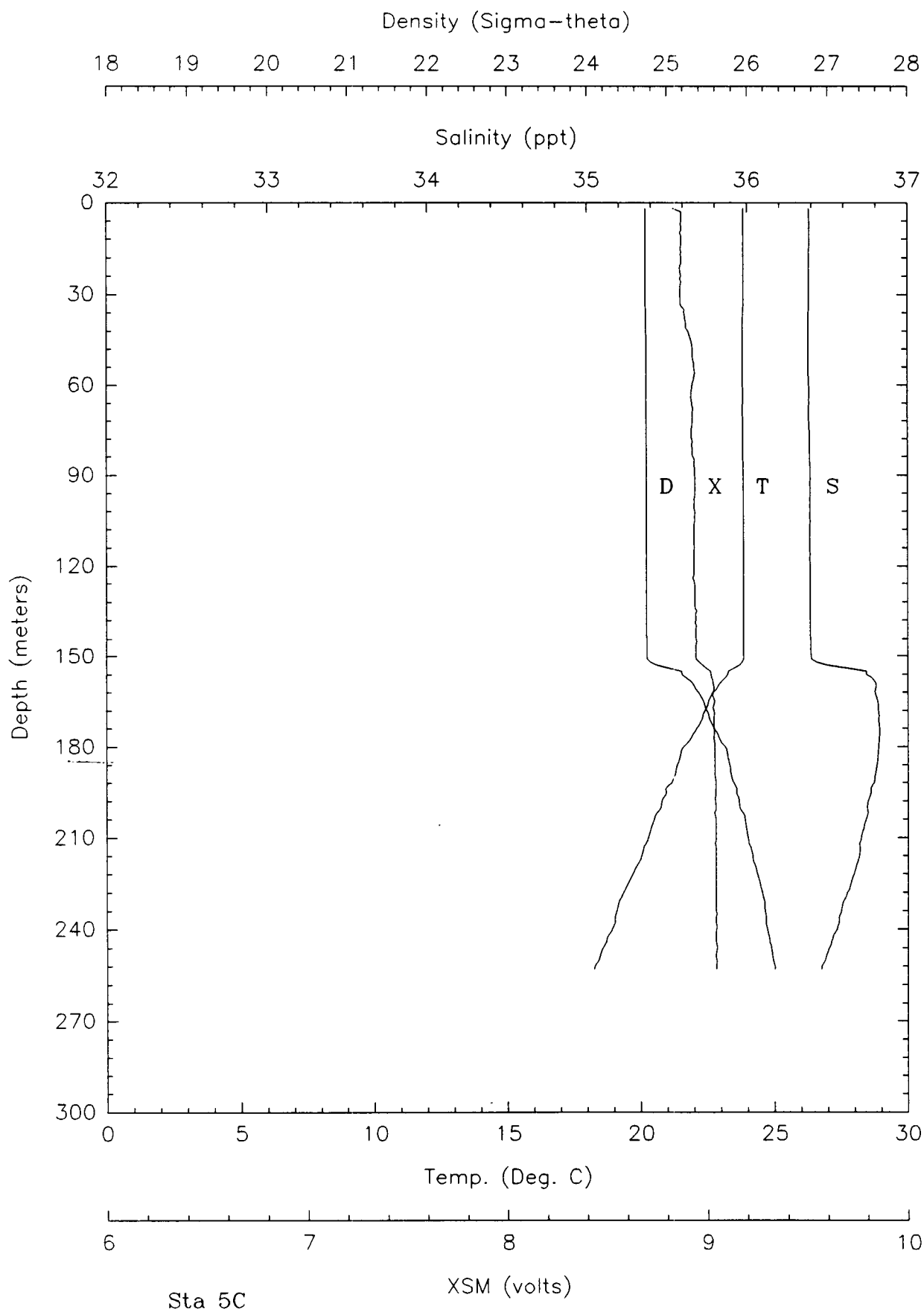
Sta 5B

XSM (volts)

cruise: 93G01  
 date: Sun Jan 10 1993, Julian day = 10  
 time: 00:10:24 GMT  
 lat: 26 39.999 N  
 lon: 94 59.997 W  
 unit: 5C

meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
					72.000	23.8403	36.3853	24.7443	8.930
					73.000	23.8432	36.3865	24.7444	8.926
					74.000	23.8461	36.3874	24.7442	8.926
					75.000	23.8467	36.3879	24.7446	8.923
					76.000	23.8485	36.3885	24.7446	8.925
					77.000	23.8499	36.3893	24.7448	8.921
					78.000	23.8503	36.3893	24.7447	8.925
					79.000	23.8513	36.3896	24.7448	8.930
					80.000	23.8532	36.3900	24.7446	8.924
					81.000	23.8539	36.3906	24.7448	8.926
					82.000	23.8544	36.3909	24.7450	8.929
					83.000	23.8548	36.3909	24.7449	8.927
					84.000	23.8554	36.3911	24.7450	8.930
					85.000	23.8557	36.3912	24.7450	8.937
					86.000	23.8560	36.3915	24.7452	8.935
					87.000	23.8561	36.3916	24.7453	8.935
					88.000	23.8559	36.3916	24.7455	8.941
					89.000	23.8563	36.3916	24.7454	8.938
					91.000	23.8564	36.3919	24.7457	8.941
					92.000	23.8567	36.3920	24.7458	8.940
					93.000	23.8571	36.3914	24.7453	8.940
					94.000	23.8573	36.3916	24.7454	8.940
					95.000	23.8572	36.3917	24.7455	8.940
					96.000	23.8575	36.3917	24.7456	8.940
					97.000	23.8576	36.3916	24.7455	8.940
					98.000	23.8580	36.3915	24.7454	8.935
					99.000	23.8579	36.3916	24.7455	8.938
					100.000	23.8583	36.3915	24.7454	8.935
					101.000	23.8584	36.3916	24.7455	8.935
					102.000	23.8585	36.3918	24.7457	8.940
					103.000	23.8586	36.3915	24.7455	8.940
					104.000	23.8587	36.3915	24.7455	8.938
					105.000	23.8590	36.3916	24.7456	8.940
					106.000	23.8593	36.3916	24.7456	8.935
					107.000	23.8594	36.3914	24.7455	8.935
					108.000	23.8597	36.3914	24.7454	8.935
					109.000	23.8600	36.3913	24.7453	8.935
					110.000	23.8598	36.3912	24.7453	8.935
					111.000	23.8597	36.3911	24.7454	8.935
					112.000	23.8597	36.3913	24.7456	8.935
					113.000	23.8599	36.3911	24.7455	8.935
					114.000	23.8602	36.3910	24.7454	8.937
					115.000	23.8607	36.3913	24.7455	8.936
					116.000	23.8614	36.3916	24.7456	8.935
					118.000	23.8622	36.3915	24.7454	8.935
					119.000	23.8628	36.3917	24.7454	8.935
					121.000	23.8629	36.3919	24.7457	8.935
					122.000	23.8633	36.3916	24.7454	8.935
					123.000	23.8635	36.3916	24.7454	8.935
					124.000	23.8637	36.3919	24.7456	8.929
					125.000	23.8638	36.3920	24.7458	8.936
					126.000	23.8640	36.3921	24.7458	8.938
					127.000	23.8643	36.3921	24.7458	8.940
					128.000	23.8646	36.3923	24.7459	8.940
					129.000	23.8645	36.3924	24.7461	8.940
					130.000	23.8644	36.3923	24.7461	8.940
					131.000	23.8644	36.3924	24.7463	8.940
					132.000	23.8647	36.3924	24.7462	8.940
					133.000	23.8650	36.3925	24.7462	8.940
					134.000	23.8652	36.3924	24.7462	8.940
					135.000	23.8654	36.3927	24.7464	8.948
					136.000	23.8658	36.3929	24.7465	8.943
					137.000	23.8661	36.3930	24.7466	8.945
					138.000	23.8662	36.3933	24.7468	8.945
					139.000	23.8662	36.3933	24.7469	8.940
					140.000	23.8661	36.3933	24.7470	8.946
					141.000	23.8664	36.3934	24.7470	8.945
					142.000	23.8660	36.3935	24.7473	8.945
					143.000	23.8653	36.3940	24.7480	8.945
					144.000	23.8648	36.3944	24.7485	8.945
					145.000	23.8650	36.3948	24.7487	8.950
					146.000	23.8649	36.3962	24.7499	8.945
					147.000	23.8651	36.3963	24.7500	8.945
					148.000	23.8650	36.3965	24.7503	8.945
					149.000	23.8644	36.3969	24.7508	8.945
					150.000	23.8641	36.3971	24.7511	8.945
					151.000	23.8633	36.3977	24.7518	8.945

meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
152.000	23.8122	36.4304	24.7918	8.960	202.000	20.6139	36.7476	25.9423	9.034
153.000	23.6946	36.5020	24.8810	8.978	203.000	20.5343	36.7427	25.9601	9.040
154.000	23.5091	36.6197	25.0249	8.995	204.000	20.5034	36.7382	25.9651	9.043
155.000	23.2852	36.7394	25.1813	9.016	206.000	20.4197	36.7243	25.9772	9.043
156.000	23.2716	36.7413	25.1869	9.018	207.000	20.3972	36.7221	25.9816	9.041
157.000	23.1926	36.7699	25.2317	9.022	208.000	20.3511	36.7141	25.9879	9.043
158.000	23.0742	36.7886	25.2804	9.027	209.000	20.3140	36.7101	25.9948	9.043
159.000	22.9797	36.7991	25.3158	9.028	211.000	20.2446	36.7045	26.0093	9.043
160.000	22.9030	36.8024	25.3407	9.032	212.000	20.2099	36.6957	26.0119	9.038
161.000	22.8443	36.7979	25.3543	9.033	213.000	20.1261	36.6980	26.0360	9.042
162.000	22.7120	36.7945	25.3899	9.030	214.000	20.1001	36.6977	26.0427	9.043
163.000	22.6488	36.7983	25.4110	9.025	216.000	20.0319	36.6961	26.0598	9.043
165.000	22.5359	36.8104	25.4527	9.037	217.000	20.0039	36.6900	26.0626	9.043
166.000	22.5165	36.8128	25.4601	9.033	218.000	19.9410	36.6830	26.0740	9.043
167.000	22.4729	36.8140	25.4736	9.029	219.000	19.8668	36.6757	26.0881	9.043
169.000	22.3626	36.8175	25.5079	9.035	220.000	19.8155	36.6720	26.0989	9.043
170.000	22.3255	36.8207	25.5209	9.033	221.000	19.7619	36.6673	26.1094	9.043
171.000	22.2958	36.8178	25.5272	9.033	222.000	19.7035	36.6618	26.1207	9.043
173.000	22.1776	36.8205	25.5630	9.033	223.000	19.6425	36.6530	26.1300	9.043
174.000	22.1080	36.8209	25.5830	9.033	224.000	19.5867	36.6469	26.1400	9.043
175.000	22.0261	36.8231	25.6079	9.036	225.000	19.5266	36.6404	26.1508	9.043
176.000	21.9452	36.8218	25.6298	9.033	226.000	19.4752	36.6353	26.1604	9.043
177.000	21.8966	36.8205	25.6425	9.033	227.000	19.4263	36.6335	26.1718	9.043
178.000	21.8334	36.8187	25.6590	9.033	228.000	19.3455	36.6192	26.1819	9.043
179.000	21.7372	36.8175	25.6851	9.038	229.000	19.3045	36.6139	26.1886	9.043
180.000	21.6033	36.8164	25.7217	9.034	230.000	19.2356	36.6035	26.1986	9.043
181.000	21.5297	36.8147	25.7410	9.037	231.000	19.1772	36.5938	26.2063	9.043
182.000	21.5045	36.8132	25.7469	9.038	233.000	19.1322	36.5848	26.2111	9.043
183.000	21.4897	36.8112	25.7495	9.038	234.000	19.1087	36.5814	26.2146	9.043
184.000	21.4614	36.8106	25.7570	9.038	235.000	19.0733	36.5761	26.2197	9.046
185.000	21.4248	36.8082	25.7654	9.038	236.000	19.0282	36.5692	26.2261	9.043
186.000	21.3793	36.8053	25.7758	9.038	237.000	19.0227	36.5683	26.2269	9.043
187.000	21.3374	36.8015	25.7846	9.038	238.000	19.0233	36.5679	26.2264	9.043
188.000	21.3200	36.7994	25.7879	9.038	239.000	18.9781	36.5606	26.2325	9.046
189.000	21.3018	36.7958	25.7902	9.038	240.000	18.9200	36.5555	26.2436	9.044
190.000	21.2511	36.7916	25.8011	9.038	241.000	18.8803	36.5467	26.2470	9.043
191.000	21.2178	36.7904	25.8094	9.041	242.000	18.7779	36.5326	26.2624	9.043
192.000	21.1643	36.7887	25.8229	9.043	243.000	18.7297	36.5284	26.2715	9.043
193.000	21.0377	36.7741	25.8466	9.043	244.000	18.7014	36.5207	26.2729	9.043
194.000	20.9382	36.7652	25.8671	9.043	245.000	18.6358	36.5174	26.2870	9.047
195.000	20.9721	36.7671	25.8593	9.040	246.000	18.5754	36.5061	26.2937	9.048
196.000	20.9246	36.7640	25.8700	9.042	247.000	18.5281	36.4988	26.3001	9.044
197.000	20.8458	36.7556	25.8851	9.037	249.000	18.4492	36.4856	26.3100	9.043
198.000	20.8006	36.7478	25.8916	9.040	250.000	18.4147	36.4821	26.3161	9.047
200.000	20.7534	36.7422	25.9002	9.043	252.000	18.2655	36.4621	26.3383	9.045
201.000	20.7070	36.7454	25.9153	9.043	253.000	18.2500	36.4604	26.3409	9.045



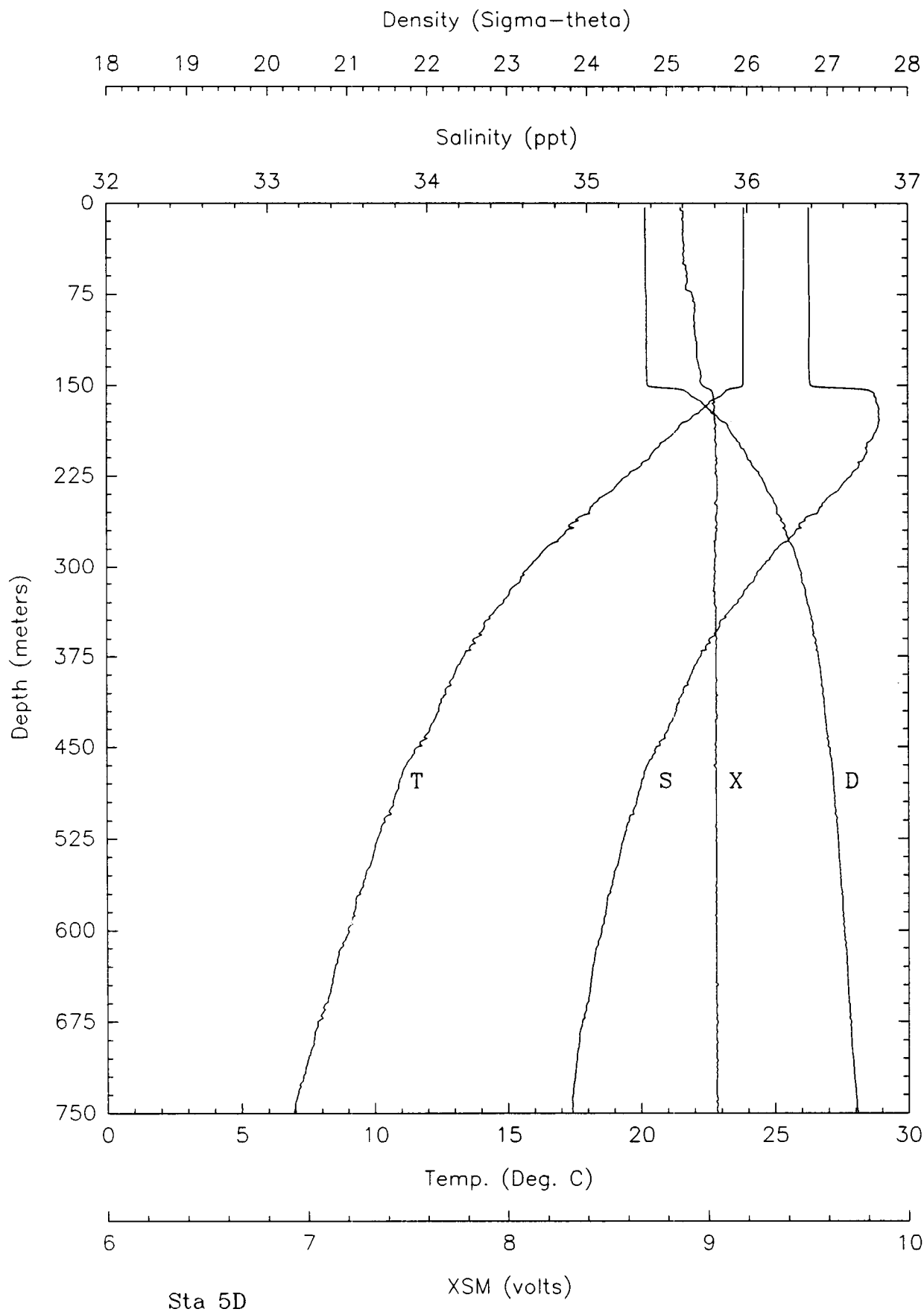








meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
589.000	9.1625	35.1030	27.1837	9.043	665.000	8.1306	34.9915	27.2584	9.043
590.000	9.1542	35.1022	27.1845	9.043	666.000	8.0791	34.9863	27.2621	9.043
592.000	9.1256	35.0996	27.1870	9.043	668.000	8.0169	34.9802	27.2666	9.043
594.000	9.1129	35.1012	27.1904	9.043	670.000	7.9553	34.9745	27.2713	9.047
595.000	9.1559	35.0991	27.1818	9.037	672.000	8.0419	34.9801	27.2629	9.042
596.000	9.0719	35.0906	27.1887	9.042	673.000	7.9387	34.9683	27.2689	9.043
598.000	9.0019	35.0858	27.1962	9.043	675.000	7.8379	34.9634	27.2801	9.049
600.000	8.9936	35.0851	27.1970	9.043	676.000	7.8412	34.9615	27.2781	9.048
601.000	9.0427	35.0878	27.1913	9.043	678.000	7.8476	34.9615	27.2772	9.043
603.000	8.9829	35.0812	27.1957	9.043	679.000	7.8348	34.9592	27.2772	9.043
605.000	8.9353	35.0772	27.2003	9.043	680.000	7.7975	34.9551	27.2795	9.043
606.000	8.9156	35.0754	27.2020	9.043	682.000	7.7629	34.9518	27.2820	9.043
608.000	8.8924	35.0678	27.1998	9.043	683.000	7.7414	34.9496	27.2834	9.047
610.000	8.7815	35.0614	27.2123	9.043	685.000	7.7306	34.9467	27.2827	9.041
611.000	8.7852	35.0622	27.2123	9.043	686.000	7.7400	34.9458	27.2807	9.043
612.000	8.7976	35.0634	27.2114	9.043	687.000	7.7280	34.9471	27.2835	9.043
613.000	8.7981	35.0592	27.2080	9.040	688.000	7.7170	34.9453	27.2837	9.043
614.000	8.7300	35.0541	27.2147	9.042	689.000	7.7099	34.9452	27.2847	9.043
616.000	8.6660	35.0482	27.2201	9.043	690.000	7.7037	34.9449	27.2853	9.043
618.000	8.6367	35.0467	27.2236	9.043	692.000	7.6912	34.9442	27.2867	9.048
620.000	8.6595	35.0449	27.2186	9.043	693.000	7.6939	34.9418	27.2844	9.044
621.000	8.6194	35.0428	27.2232	9.043	694.000	7.6878	34.9402	27.2840	9.043
623.000	8.5974	35.0404	27.2248	9.043	695.000	7.6745	34.9419	27.2873	9.043
624.000	8.5853	35.0399	27.2263	9.043	696.000	7.6420	34.9392	27.2899	9.043
625.000	8.5786	35.0392	27.2268	9.043	698.000	7.6060	34.9371	27.2935	9.043
626.000	8.5896	35.0396	27.2255	9.043	699.000	7.5882	34.9355	27.2948	9.047
627.000	8.5894	35.0356	27.2223	9.043	701.000	7.5688	34.9322	27.2950	9.042
628.000	8.5148	35.0326	27.2316	9.043	702.000	7.5669	34.9325	27.2955	9.043
629.000	8.5150	35.0314	27.2306	9.043	703.000	7.5217	34.9305	27.3005	9.043
632.000	8.4896	35.0275	27.2316	9.043	704.000	7.5017	34.9299	27.3029	9.043
633.000	8.4683	35.0265	27.2341	9.043	705.000	7.4995	34.9298	27.3031	9.043
635.000	8.4487	35.0257	27.2365	9.043	707.000	7.4711	34.9280	27.3058	9.048
636.000	8.4502	35.0250	27.2357	9.043	709.000	7.4471	34.9263	27.3080	9.042
637.000	8.4509	35.0238	27.2347	9.040	710.000	7.4403	34.9244	27.3075	9.047
638.000	8.4263	35.0219	27.2370	9.042	712.000	7.3956	34.9227	27.3125	9.043
640.000	8.3989	35.0199	27.2396	9.043	714.000	7.3728	34.9219	27.3151	9.047
641.000	8.3985	35.0196	27.2394	9.043	717.000	7.3865	34.9197	27.3115	9.042
642.000	8.3990	35.0194	27.2393	9.043	718.000	7.3334	34.9176	27.3174	9.047
643.000	8.4091	35.0192	27.2376	9.037	720.000	7.2919	34.9164	27.3223	9.044
644.000	8.3750	35.0147	27.2393	9.047	723.000	7.2882	34.9135	27.3206	9.043
645.000	8.3617	35.0155	27.2420	9.050	725.000	7.2194	34.9111	27.3284	9.043
646.000	8.3559	35.0152	27.2426	9.042	727.000	7.1644	34.9093	27.3347	9.043
647.000	8.3486	35.0136	27.2425	9.043	728.000	7.2049	34.9083	27.3283	9.043
649.000	8.3296	35.0113	27.2436	9.043	730.000	7.1323	34.9064	27.3370	9.043
650.000	8.3239	35.0134	27.2462	9.043	731.000	7.1212	34.9070	27.3390	9.043
651.000	8.3288	35.0105	27.2432	9.043	733.000	7.1166	34.9059	27.3387	9.043
652.000	8.2880	35.0077	27.2472	9.043	734.000	7.1127	34.9053	27.3389	9.043
653.000	8.2757	35.0066	27.2482	9.043	735.000	7.0904	34.9046	27.3414	9.043
655.000	8.2524	35.0045	27.2501	9.043	739.000	7.0359	34.8972	27.3432	9.048
656.000	8.2268	35.0027	27.2526	9.043	740.000	7.0185	34.9042	27.3511	9.040
658.000	8.2210	35.0052	27.2555	9.043	741.000	7.0089	34.9013	27.3502	9.043
659.000	8.2308	34.9980	27.2484	9.043	743.000	6.9946	34.9018	27.3526	9.048
660.000	8.1503	34.9937	27.2571	9.043	746.000	6.9914	34.9014	27.3527	9.042
662.000	8.0800	34.9892	27.2642	9.047	747.000	6.9675	34.9005	27.3553	9.043
664.000	8.0526	34.9882	27.2675	9.043	749.000	6.9518	34.9046	27.3608	9.047



Sta 5D

XSM (volts)











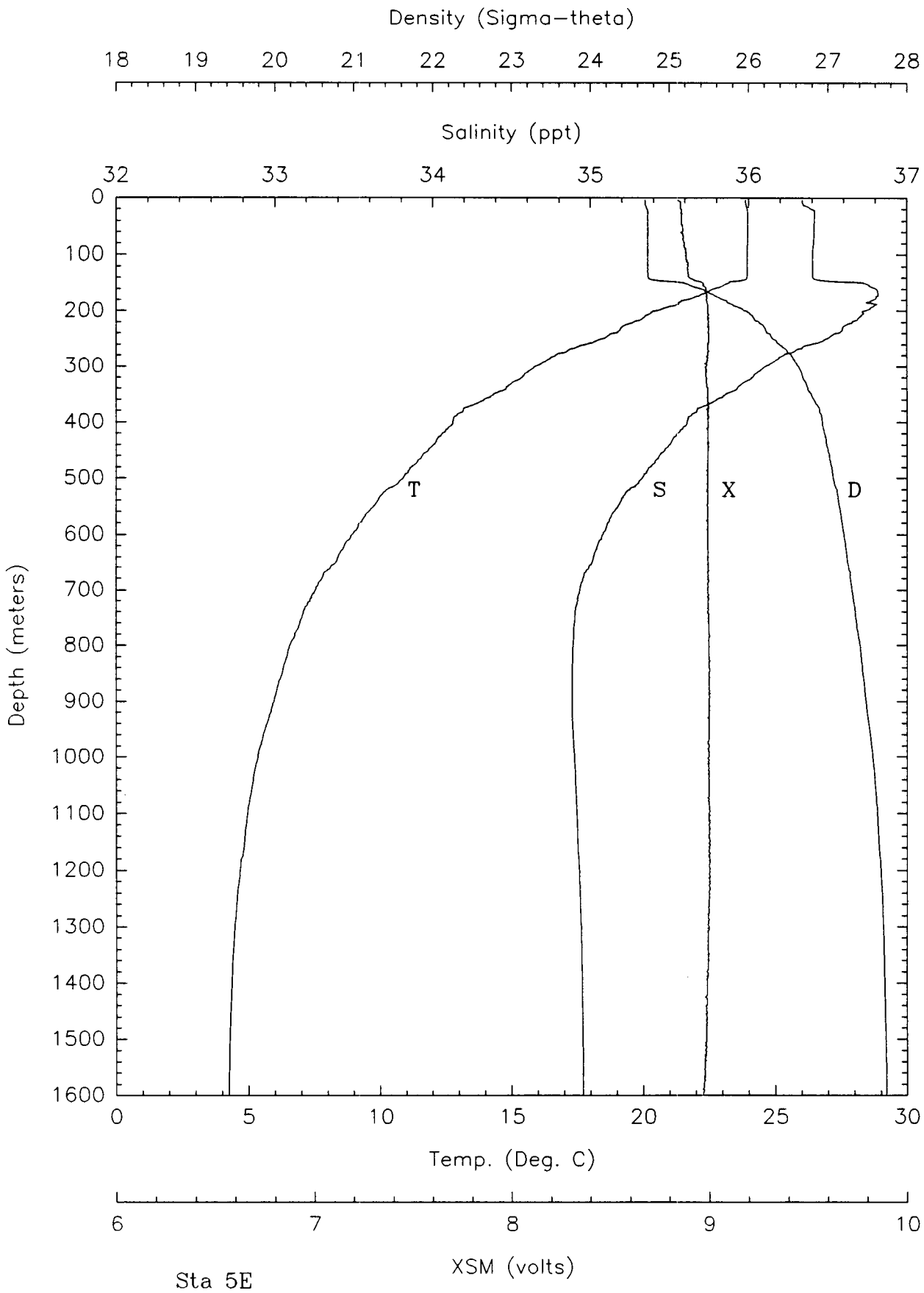








meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
452.000	4.3161	34.9477	27.7240	8.989	1528.000	4.2790	34.9504	27.7308	8.979
453.000	4.3143	34.9481	27.7245	8.989	1529.000	4.2787	34.9502	27.7307	8.986
455.000	4.3126	34.9482	27.7248	8.983	1530.000	4.2784	34.9503	27.7308	8.978
456.000	4.3123	34.9481	27.7247	8.984	1531.000	4.2780	34.9505	27.7311	8.979
457.000	4.3105	34.9482	27.7250	8.984	1532.000	4.2779	34.9504	27.7310	8.982
458.000	4.3101	34.9484	27.7252	8.984	1533.000	4.2768	34.9504	27.7311	8.981
459.000	4.3099	34.9484	27.7253	8.984	1534.000	4.2750	34.9506	27.7315	8.979
461.000	4.3094	34.9485	27.7255	8.990	1535.000	4.2748	34.9507	27.7315	8.979
462.000	4.3096	34.9482	27.7252	8.989	1537.000	4.2740	34.9507	27.7317	8.979
463.000	4.3093	34.9481	27.7252	8.984	1538.000	4.2743	34.9505	27.7315	8.984
464.000	4.3084	34.9483	27.7254	8.984	1539.000	4.2741	34.9505	27.7315	8.979
465.000	4.3087	34.9483	27.7254	8.989	1540.000	4.2729	34.9508	27.7319	8.979
466.000	4.3084	34.9483	27.7254	8.985	1541.000	4.2727	34.9506	27.7318	8.979
468.000	4.3081	34.9482	27.7254	8.984	1542.000	4.2720	34.9509	27.7321	8.979
469.000	4.3075	34.9483	27.7256	8.984	1544.000	4.2709	34.9507	27.7321	8.979
470.000	4.3066	34.9484	27.7257	8.988	1545.000	4.2706	34.9508	27.7322	8.979
471.000	4.3057	34.9484	27.7258	8.989	1546.000	4.2694	34.9508	27.7324	8.979
472.000	4.3054	34.9485	27.7259	8.985	1547.000	4.2690	34.9510	27.7325	8.979
474.000	4.3040	34.9487	27.7263	8.984	1549.000	4.2690	34.9506	27.7323	8.979
475.000	4.3033	34.9487	27.7264	8.989	1550.000	4.2685	34.9510	27.7326	8.979
476.000	4.3031	34.9485	27.7263	8.985	1551.000	4.2685	34.9511	27.7327	8.979
477.000	4.3025	34.9484	27.7263	8.984	1552.000	4.2684	34.9510	27.7327	8.979
478.000	4.3015	34.9486	27.7265	8.984	1553.000	4.2680	34.9510	27.7327	8.979
480.000	4.3005	34.9488	27.7268	8.984	1554.000	4.2675	34.9512	27.7329	8.975
481.000	4.2999	34.9490	27.7270	8.984	1555.000	4.2676	34.9511	27.7329	8.978
482.000	4.2994	34.9490	27.7271	8.984	1557.000	4.2672	34.9512	27.7330	8.979
483.000	4.2986	34.9490	27.7272	8.984	1558.000	4.2662	34.9512	27.7331	8.979
484.000	4.2978	34.9488	27.7271	8.984	1559.000	4.2658	34.9512	27.7331	8.979
485.000	4.2977	34.9490	27.7273	8.984	1560.000	4.2651	34.9511	27.7332	8.979
487.000	4.2973	34.9493	27.7276	8.984	1561.000	4.2634	34.9517	27.7338	8.979
488.000	4.2970	34.9490	27.7274	8.984	1562.000	4.2637	34.9514	27.7336	8.979
489.000	4.2963	34.9489	27.7274	8.984	1563.000	4.2635	34.9514	27.7336	8.979
490.000	4.2952	34.9490	27.7277	8.984	1565.000	4.2635	34.9514	27.7336	8.979
492.000	4.2927	34.9491	27.7280	8.984	1566.000	4.2632	34.9513	27.7336	8.974
493.000	4.2904	34.9495	27.7286	8.984	1567.000	4.2624	34.9516	27.7339	8.978
494.000	4.2909	34.9493	27.7284	8.984	1569.000	4.2616	34.9518	27.7342	8.979
495.000	4.2902	34.9494	27.7285	8.984	1570.000	4.2620	34.9515	27.7339	8.975
496.000	4.2898	34.9494	27.7286	8.984	1571.000	4.2613	34.9516	27.7341	8.974
498.000	4.2893	34.9496	27.7288	8.984	1572.000	4.2603	34.9512	27.7339	8.974
499.000	4.2893	34.9493	27.7286	8.984	1573.000	4.2604	34.9516	27.7342	8.981
500.000	4.2891	34.9494	27.7287	8.984	1574.000	4.2602	34.9518	27.7344	8.979
501.000	4.2888	34.9496	27.7289	8.984	1575.000	4.2605	34.9516	27.7342	8.976
502.000	4.2886	34.9495	27.7288	8.984	1576.000	4.2604	34.9516	27.7342	8.974
504.000	4.2875	34.9496	27.7291	8.984	1577.000	4.2599	34.9513	27.7341	8.974
505.000	4.2862	34.9497	27.7293	8.984	1578.000	4.2589	34.9521	27.7348	8.974
506.000	4.2852	34.9497	27.7294	8.984	1579.000	4.2590	34.9517	27.7345	8.974
507.000	4.2846	34.9496	27.7294	8.979	1580.000	4.2589	34.9518	27.7346	8.974
508.000	4.2843	34.9497	27.7295	8.984	1581.000	4.2587	34.9517	27.7345	8.974
509.000	4.2840	34.9498	27.7296	8.984	1582.000	4.2578	34.9518	27.7347	8.974
511.000	4.2841	34.9498	27.7296	8.978	1583.000	4.2573	34.9520	27.7349	8.974
512.000	4.2834	34.9500	27.7298	8.985	1584.000	4.2575	34.9517	27.7347	8.974
513.000	4.2835	34.9500	27.7299	8.984	1585.000	4.2568	34.9519	27.7350	8.974
514.000	4.2830	34.9500	27.7300	8.984	1586.000	4.2567	34.9519	27.7350	8.974
515.000	4.2824	34.9502	27.7302	8.984	1587.000	4.2566	34.9518	27.7349	8.974
516.000	4.2818	34.9500	27.7301	8.984	1589.000	4.2565	34.9519	27.7350	8.968
517.000	4.2813	34.9500	27.7301	8.984	1590.000	4.2559	34.9520	27.7351	8.975
519.000	4.2799	34.9503	27.7306	8.978	1591.000	4.2557	34.9521	27.7353	8.974
520.000	4.2798	34.9503	27.7306	8.979	1592.000	4.2557	34.9521	27.7352	8.974
521.000	4.2797	34.9502	27.7305	8.985	1593.000	4.2548	34.9521	27.7354	8.971
522.000	4.2788	34.9504	27.7308	8.984	1595.000	4.2535	34.9522	27.7357	8.969
523.000	4.2787	34.9503	27.7307	8.984	1596.000	4.2531	34.9520	27.7355	8.969
524.000	4.2789	34.9501	27.7306	8.980	1597.000	4.2513	34.9522	27.7359	8.969
526.000	4.2790	34.9503	27.7307	8.986	1598.000	4.2507	34.9524	27.7361	8.969
527.000	4.2794	34.9500	27.7305	8.978					



ruise: 93G01  
 ate: Sun Jan 10 1993, Julian day = 10  
 ime: 15:54:45 GMT  
 at: 26 39.954 N  
 on: 95 00.032 W  
 tn: 5F

meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
3.000	23.9184	36.4034	24.7305	8.874	84.000	23.9341	36.4022	24.7300	8.886
4.000	23.9190	36.4038	24.7307	8.885	85.000	23.9318	36.4019	24.7305	8.886
6.000	23.9200	36.4036	24.7303	8.886	86.000	23.9316	36.4016	24.7305	8.886
7.000	23.9243	36.4042	24.7296	8.886	88.000	23.9315	36.4018	24.7308	8.886
8.000	23.9211	36.4036	24.7301	8.886	89.000	23.9306	36.4014	24.7307	8.886
10.000	23.9252	36.4040	24.7294	8.893	90.000	23.9306	36.4014	24.7308	8.879
11.000	23.9257	36.4035	24.7289	8.891	91.000	23.9319	36.4018	24.7308	8.882
13.000	23.9277	36.4038	24.7287	8.891	92.000	23.9324	36.4018	24.7308	8.887
14.000	23.9268	36.4038	24.7289	8.891	93.000	23.9319	36.4017	24.7309	8.882
16.000	23.9229	36.4021	24.7290	8.885	94.000	23.9314	36.4016	24.7310	8.885
17.000	23.9226	36.4025	24.7294	8.886	95.000	23.9321	36.4016	24.7309	8.883
19.000	23.9247	36.4026	24.7290	8.889	96.000	23.9368	36.4021	24.7299	8.893
20.000	23.9268	36.4033	24.7290	8.891	97.000	23.9365	36.4024	24.7303	8.886
21.000	23.9269	36.4035	24.7292	8.891	98.000	23.9362	36.4023	24.7304	8.886
22.000	23.9274	36.4039	24.7294	8.891	99.000	23.9364	36.4022	24.7303	8.886
24.000	23.9299	36.4042	24.7290	8.891	101.000	23.9350	36.4020	24.7307	8.886
25.000	23.9286	36.4040	24.7292	8.891	102.000	23.9337	36.4017	24.7309	8.886
26.000	23.9284	36.4041	24.7295	8.891	103.000	23.9354	36.4016	24.7303	8.886
27.000	23.9287	36.4040	24.7294	8.891	104.000	23.9341	36.4018	24.7310	8.882
29.000	23.9283	36.4035	24.7293	8.891	105.000	23.9338	36.4015	24.7309	8.883
30.000	23.9280	36.4035	24.7294	8.891	106.000	23.9340	36.4015	24.7309	8.886
31.000	23.9279	36.4035	24.7295	8.891	107.000	23.9346	36.4016	24.7309	8.886
33.000	23.9259	36.4025	24.7294	8.891	108.000	23.9352	36.4017	24.7308	8.886
34.000	23.9268	36.4026	24.7293	8.891	109.000	23.9368	36.4016	24.7304	8.886
35.000	23.9276	36.4026	24.7292	8.889	110.000	23.9355	36.4017	24.7309	8.886
36.000	23.9299	36.4037	24.7293	8.892	111.000	23.9362	36.4018	24.7308	8.886
37.000	23.9298	36.4032	24.7291	8.891	112.000	23.9361	36.4017	24.7308	8.882
38.000	23.9292	36.4031	24.7293	8.887	113.000	23.9376	36.4015	24.7303	8.886
39.000	23.9293	36.4031	24.7293	8.886	114.000	23.9382	36.4019	24.7305	8.886
41.000	23.9289	36.4031	24.7295	8.892	115.000	23.9382	36.4020	24.7306	8.886
42.000	23.9289	36.4030	24.7295	8.891	116.000	23.9385	36.4021	24.7306	8.886
44.000	23.9296	36.4030	24.7294	8.894	118.000	23.9383	36.4021	24.7309	8.886
45.000	23.9301	36.4032	24.7295	8.892	120.000	23.9393	36.4021	24.7307	8.886
46.000	23.9305	36.4031	24.7294	8.891	121.000	23.9406	36.4025	24.7307	8.891
47.000	23.9319	36.4033	24.7292	8.891	121.603	23.9523	36.4062	24.7300	8.896
48.000	23.9321	36.4033	24.7292	8.891	123.000	23.9488	36.4050	24.7302	8.892
49.000	23.9324	36.4037	24.7295	8.891	125.000	23.9563	36.4077	24.7302	8.902
50.000	23.9336	36.4039	24.7293	8.891	127.000	23.9630	36.4106	24.7305	8.919
51.000	23.9343	36.4037	24.7290	8.891	128.000	23.9617	36.4102	24.7307	8.916
52.000	23.9332	36.4036	24.7293	8.897	129.000	23.9615	36.4102	24.7308	8.916
53.000	23.9347	36.4042	24.7294	8.896	130.000	23.9617	36.4104	24.7310	8.920
54.000	23.9347	36.4040	24.7293	8.896	132.000	23.9621	36.4108	24.7313	8.921
55.000	23.9378	36.4047	24.7290	8.896	133.000	23.9625	36.4106	24.7310	8.921
56.000	23.9374	36.4047	24.7292	8.890	134.000	23.9621	36.4110	24.7315	8.925
57.000	23.9382	36.4050	24.7292	8.891	136.000	23.9618	36.4113	24.7320	8.926
58.000	23.9381	36.4048	24.7292	8.896	137.000	23.9563	36.4104	24.7330	8.926
59.000	23.9361	36.4044	24.7295	8.892	138.000	23.9578	36.4119	24.7337	8.929
60.000	23.9350	36.4039	24.7296	8.891	140.000	23.9525	36.4123	24.7357	8.930
61.000	23.9332	36.4034	24.7297	8.891	141.000	23.9520	36.4126	24.7362	8.936
62.000	23.9348	36.4037	24.7295	8.894	142.000	23.9535	36.4135	24.7365	8.939
63.000	23.9349	36.4036	24.7295	8.891	144.000	23.9528	36.4139	24.7371	8.934
64.000	23.9341	36.4035	24.7297	8.891	145.000	23.9465	36.4159	24.7406	8.941
65.000	23.9333	36.4032	24.7298	8.891	146.000	23.9298	36.4179	24.7471	8.944
67.000	23.9331	36.4029	24.7297	8.891	148.000	23.8786	36.4273	24.7696	8.950
69.000	23.9342	36.4032	24.7298	8.891	149.000	23.6238	36.4880	24.8910	8.965
70.000	23.9339	36.4032	24.7299	8.891	151.000	23.3318	36.5366	25.0137	8.976
71.000	23.9340	36.4030	24.7298	8.891	153.000	23.1341	36.6267	25.1398	8.987
72.000	23.9321	36.4024	24.7300	8.887	154.000	23.1382	36.6470	25.1540	8.995
73.000	23.9323	36.4025	24.7300	8.886	155.000	23.1318	36.6866	25.1860	8.998
74.000	23.9331	36.4025	24.7299	8.891	156.000	23.1155	36.7302	25.2239	8.999
75.000	23.9334	36.4024	24.7298	8.889	157.000	23.0856	36.7737	25.2658	9.002
76.000	23.9335	36.4024	24.7299	8.887	158.000	23.0452	36.7891	25.2892	9.004
77.000	23.9317	36.4021	24.7302	8.894	159.000	22.9876	36.7855	25.3033	9.007
78.000	23.9316	36.4019	24.7302	8.886	161.000	22.8889	36.7906	25.3359	9.009
80.000	23.9321	36.4023	24.7304	8.886	163.000	22.7302	36.7989	25.3881	9.009
81.000	23.9333	36.4023	24.7301	8.886	164.000	22.6841	36.7991	25.4015	9.013
82.000	23.9338	36.4023	24.7300	8.886	165.000	22.6544	36.8028	25.4129	9.013
83.000	23.9332	36.4021	24.7301	8.886	166.000	22.6980	36.7981	25.3969	9.006
					167.000	22.5870	36.8097	25.4377	9.015
					168.000	22.5115	36.8045	25.4554	9.013
					169.000	22.4198	36.8125	25.4878	9.009
					170.000	22.3872	36.8194	25.5024	9.015
					171.000	22.3496	36.8178	25.5119	9.013
					172.000	22.3077	36.8180	25.5241	9.013
					174.000	22.2101	36.8065	25.5431	9.013
					175.000	22.1075	36.7957	25.5641	9.013
					177.000	21.9370	36.7900	25.6079	9.018









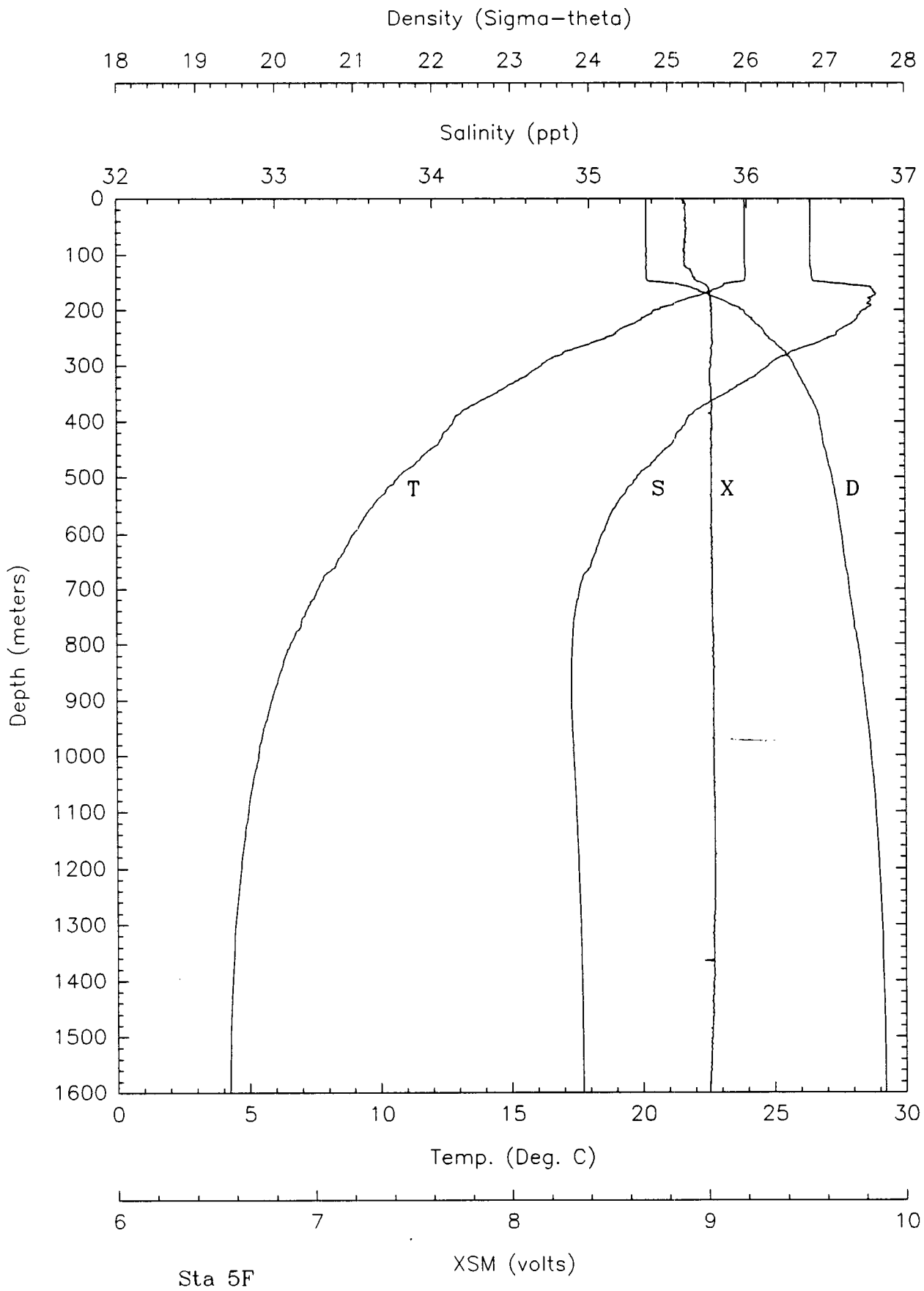








meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
479.000	4.2887	34.9494	27.7285	9.018	1539.000	4.2671	34.9511	27.7327	9.013
480.000	4.2869	34.9497	27.7289	9.018	1540.000	4.2670	34.9512	27.7328	9.013
481.000	4.2868	34.9495	27.7289	9.018	1541.000	4.2665	34.9512	27.7329	9.013
482.000	4.2861	34.9496	27.7290	9.018	1542.000	4.2661	34.9511	27.7329	9.013
483.000	4.2862	34.9497	27.7291	9.018	1543.000	4.2651	34.9512	27.7331	9.013
484.000	4.2861	34.9497	27.7291	9.018	1544.000	4.2646	34.9513	27.7332	9.013
485.000	4.2863	34.9496	27.7290	9.011	1545.000	4.2648	34.9511	27.7331	9.013
486.000	4.2866	34.9494	27.7288	9.020	1546.000	4.2642	34.9514	27.7334	9.013
487.000	4.2861	34.9499	27.7293	9.018	1547.000	4.2640	34.9516	27.7335	9.009
488.000	4.2860	34.9498	27.7292	9.018	1548.000	4.2638	34.9515	27.7335	9.013
489.000	4.2841	34.9498	27.7294	9.018	1549.000	4.2647	34.9509	27.7329	9.013
491.000	4.2821	34.9504	27.7301	9.018	1550.000	4.2633	34.9518	27.7338	9.013
492.000	4.2825	34.9498	27.7296	9.016	1551.000	4.2632	34.9520	27.7340	9.013
493.000	4.2822	34.9500	27.7298	9.014	1552.000	4.2634	34.9517	27.7338	9.013
494.000	4.2821	34.9501	27.7300	9.017	1554.000	4.2624	34.9514	27.7337	9.008
495.000	4.2823	34.9498	27.7297	9.017	1555.000	4.2617	34.9518	27.7340	9.009
496.000	4.2825	34.9498	27.7296	9.016	1556.000	4.2609	34.9521	27.7343	9.009
497.000	4.2820	34.9499	27.7298	9.018	1558.000	4.2603	34.9519	27.7343	9.012
498.000	4.2818	34.9500	27.7299	9.018	1560.000	4.2596	34.9522	27.7347	9.013
499.000	4.2819	34.9498	27.7298	9.016	1561.000	4.2594	34.9522	27.7347	9.010
500.000	4.2818	34.9499	27.7298	9.019	1562.000	4.2602	34.9517	27.7342	9.009
501.000	4.2798	34.9502	27.7303	9.016	1563.000	4.2592	34.9523	27.7347	9.009
502.000	4.2788	34.9502	27.7304	9.018	1565.000	4.2584	34.9526	27.7351	9.009
503.000	4.2781	34.9502	27.7305	9.015	1566.000	4.2589	34.9520	27.7346	9.009
504.000	4.2780	34.9500	27.7304	9.013	1567.000	4.2585	34.9520	27.7346	9.009
505.000	4.2774	34.9504	27.7307	9.017	1568.000	4.2581	34.9521	27.7348	9.009
506.000	4.2772	34.9506	27.7309	9.015	1570.000	4.2577	34.9523	27.7350	9.009
508.000	4.2771	34.9506	27.7310	9.013	1571.000	4.2579	34.9516	27.7344	9.009
509.000	4.2768	34.9506	27.7310	9.013	1572.000	4.2573	34.9518	27.7347	9.009
510.000	4.2767	34.9507	27.7311	9.013	1573.000	4.2568	34.9523	27.7351	9.009
512.000	4.2763	34.9507	27.7312	9.013	1575.000	4.2549	34.9526	27.7356	9.009
513.000	4.2755	34.9506	27.7312	9.018	1576.000	4.2552	34.9521	27.7352	9.009
514.000	4.2748	34.9509	27.7316	9.015	1577.000	4.2543	34.9526	27.7357	9.009
516.000	4.2719	34.9513	27.7322	9.013	1579.000	4.2535	34.9526	27.7358	9.006
517.000	4.2721	34.9510	27.7319	9.013	1580.000	4.2531	34.9522	27.7355	9.009
519.000	4.2709	34.9517	27.7326	9.013	1581.000	4.2529	34.9521	27.7355	9.003
521.000	4.2717	34.9510	27.7320	9.013	1582.000	4.2527	34.9523	27.7357	9.009
522.000	4.2714	34.9512	27.7322	9.017	1583.000	4.2529	34.9523	27.7356	9.003
524.000	4.2713	34.9513	27.7323	9.013	1584.000	4.2526	34.9527	27.7360	9.007
525.000	4.2709	34.9507	27.7319	9.013	1585.000	4.2527	34.9527	27.7360	9.004
526.000	4.2707	34.9507	27.7319	9.013	1586.000	4.2531	34.9523	27.7357	9.004
527.000	4.2691	34.9510	27.7324	9.013	1587.000	4.2526	34.9525	27.7359	9.004
528.000	4.2681	34.9512	27.7326	9.013	1588.000	4.2519	34.9524	27.7359	9.004
529.000	4.2680	34.9510	27.7325	9.013	1589.000	4.2517	34.9524	27.7359	9.004
530.000	4.2680	34.9508	27.7323	9.013	1590.000	4.2517	34.9524	27.7359	9.004
531.000	4.2676	34.9510	27.7326	9.013	1591.000	4.2518	34.9526	27.7361	9.004
532.000	4.2674	34.9510	27.7326	9.013	1593.000	4.2520	34.9523	27.7359	9.005
533.000	4.2670	34.9511	27.7327	9.013	1594.000	4.2520	34.9522	27.7358	9.004
534.000	4.2672	34.9509	27.7325	9.013	1595.000	4.2516	34.9522	27.7358	9.004
535.000	4.2672	34.9510	27.7326	9.013	1596.000	4.2499	34.9525	27.7363	9.004
536.000	4.2672	34.9512	27.7328	9.013	1597.000	4.2480	34.9528	27.7367	9.004
537.000	4.2673	34.9510	27.7326	9.013	1598.000	4.2463	34.9534	27.7374	9.004
538.000	4.2675	34.9509	27.7325	9.013					















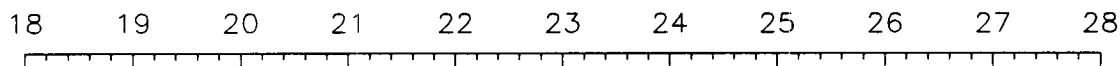




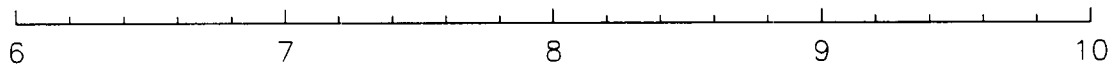
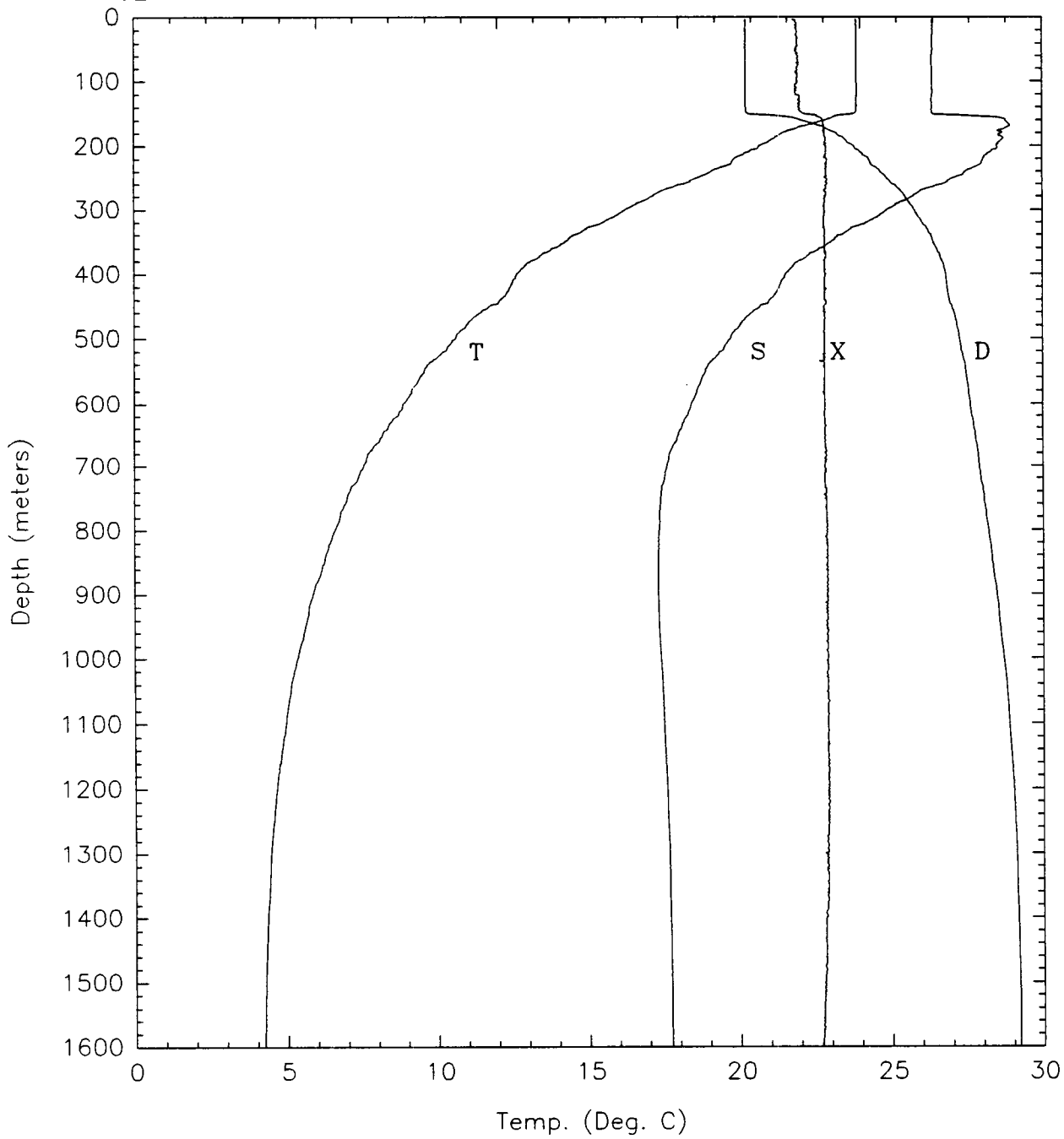


meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
544.000	4.2606	34.9514	27.7338	9.033	1572.000	4.2533	34.9525	27.7357	9.033
545.000	4.2584	34.9523	27.7347	9.033	1573.000	4.2532	34.9526	27.7358	9.033
546.000	4.2587	34.9519	27.7343	9.033	1574.000	4.2529	34.9524	27.7356	9.029
547.000	4.2584	34.9516	27.7341	9.031	1576.000	4.2505	34.9532	27.7366	9.031
548.000	4.2583	34.9515	27.7341	9.033	1577.000	4.2505	34.9533	27.7366	9.028
549.000	4.2586	34.9515	27.7341	9.033	1579.000	4.2501	34.9532	27.7366	9.028
550.000	4.2592	34.9516	27.7341	9.033	1581.000	4.2499	34.9533	27.7367	9.031
551.000	4.2587	34.9519	27.7344	9.033	1583.000	4.2500	34.9529	27.7364	9.031
552.000	4.2589	34.9519	27.7344	9.033	1584.000	4.2497	34.9525	27.7362	9.028
553.000	4.2587	34.9521	27.7346	9.033	1585.000	4.2500	34.9522	27.7359	9.028
554.000	4.2588	34.9520	27.7345	9.033	1586.000	4.2490	34.9526	27.7363	9.028
555.000	4.2586	34.9519	27.7344	9.033	1587.000	4.2468	34.9529	27.7368	9.028
556.000	4.2592	34.9517	27.7342	9.028	1588.000	4.2462	34.9531	27.7370	9.028
557.000	4.2585	34.9519	27.7345	9.032	1589.000	4.2450	34.9530	27.7371	9.026
558.000	4.2582	34.9519	27.7345	9.033	1590.000	4.2449	34.9527	27.7369	9.028
559.000	4.2582	34.9517	27.7344	9.033	1591.000	4.2448	34.9525	27.7367	9.026
560.000	4.2583	34.9517	27.7343	9.033	1592.000	4.2442	34.9531	27.7373	9.028
561.000	4.2577	34.9518	27.7345	9.028	1593.000	4.2441	34.9532	27.7374	9.028
562.000	4.2567	34.9519	27.7347	9.032	1594.000	4.2442	34.9532	27.7374	9.028
563.000	4.2559	34.9519	27.7348	9.033	1595.000	4.2442	34.9530	27.7372	9.024
564.000	4.2550	34.9520	27.7350	9.033	1596.000	4.2438	34.9531	27.7374	9.028
565.000	4.2545	34.9521	27.7351	9.033	1597.000	4.2436	34.9530	27.7373	9.025
566.000	4.2537	34.9523	27.7354	9.029	1598.000	4.2433	34.9530	27.7374	9.027
567.000	4.2536	34.9523	27.7354	9.030	1599.000	4.2436	34.9527	27.7371	9.022
568.000	4.2534	34.9522	27.7354	9.029	1600.000	4.2432	34.9530	27.7374	9.028
569.000	4.2534	34.9521	27.7353	9.028	1601.000	4.2428	34.9529	27.7374	9.023
570.000	4.2535	34.9523	27.7354	9.034	1602.000	4.2446	34.9527	27.7370	9.028
571.000	4.2534	34.9523	27.7355	9.033					

Density (Sigma-theta)



Salinity (ppt)



Sta 5G

XSM (volts)







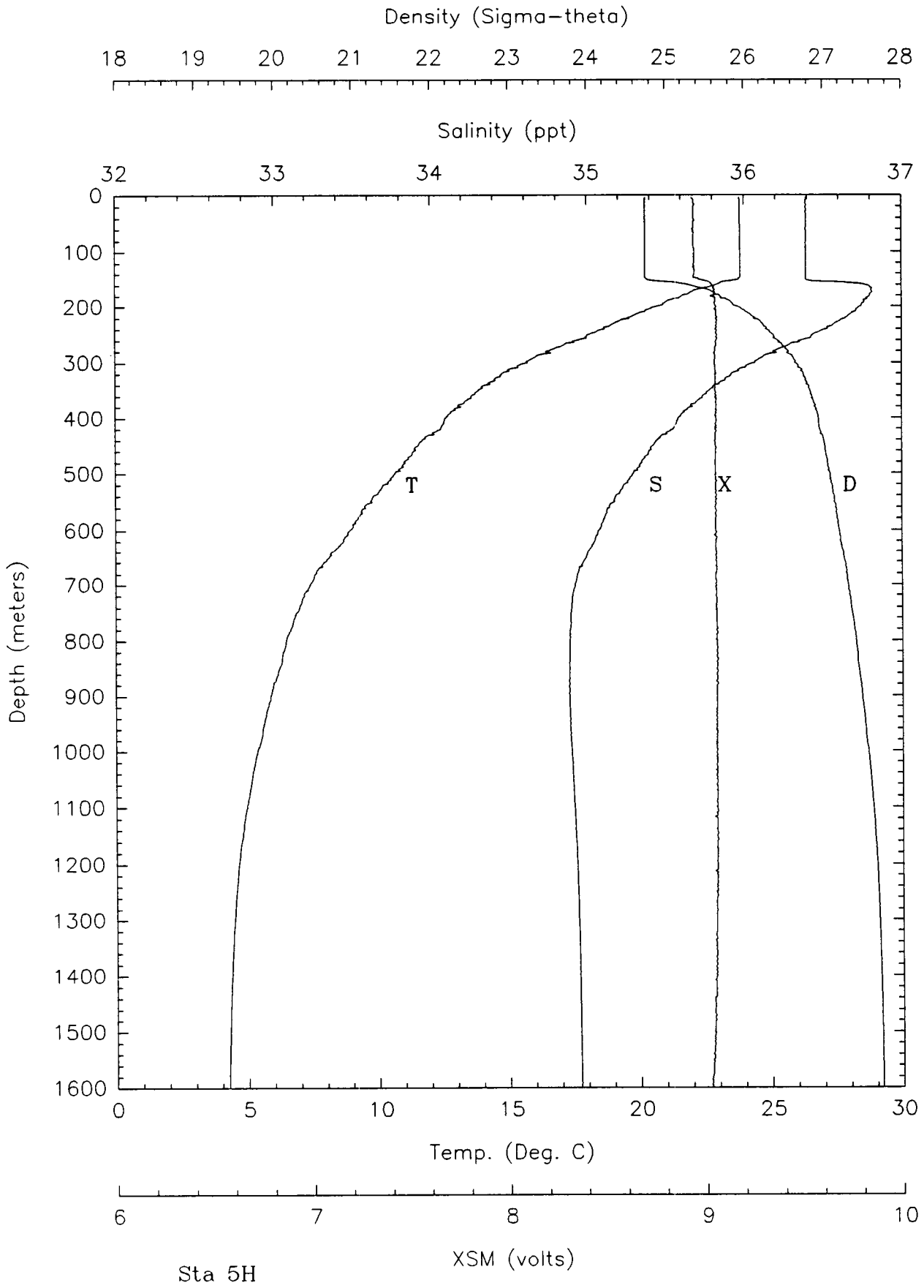












Sta 5H

XSM (volts)

















meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
594.000	4.2436	34.9528	27.7371	9.029	1599.000	4.2404	34.9525	27.7373	9.023
596.000	4.2421	34.9528	27.7374	9.028	1601.000	4.2380	34.9531	27.7381	9.023
597.000	4.2412	34.9530	27.7376	9.028	1603.000	4.2363	34.9538	27.7388	9.023
598.000	4.2425	34.9524	27.7369	9.026					

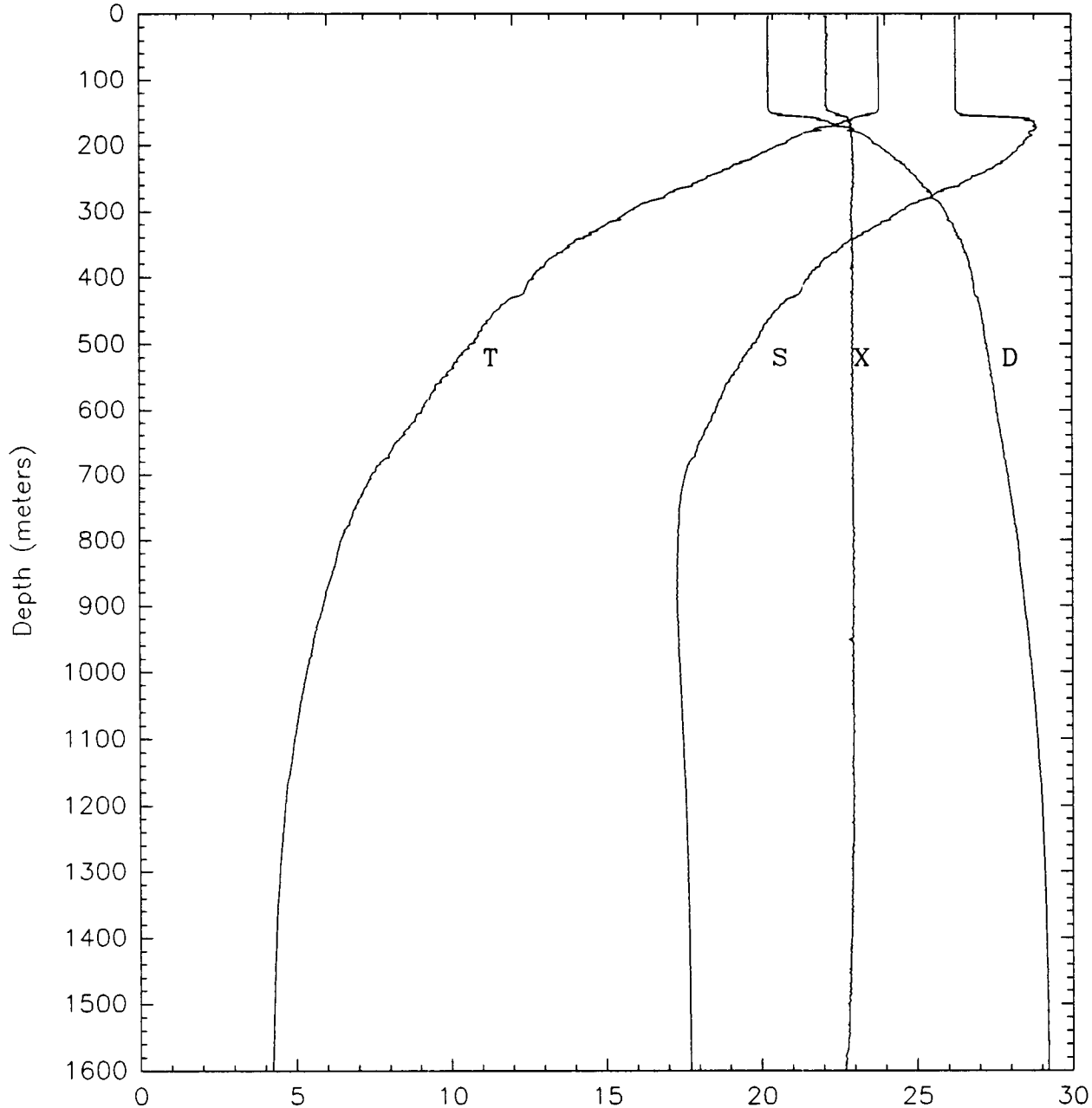


Density (Sigma-theta)

18 19 20 21 22 23 24 25 26 27 28

Salinity (ppt)

32 33 34 35 36 37



Temp. (Deg. C)

6 7 8 9 10

Sta 5I

XSM (volts)

ruise: 93G01  
 ate: Mon Jan 11 1993, Julian day = 11  
 ime: 08:05:11 GMT  
 at: 26 39.912 N  
 on: 95 00.416 W  
 tn: 5J

	meters	temp	salinity	sigmatheta	xmiss
	89.000	23.7828	36.3761	24.7555	8.961
	90.000	23.7835	36.3763	24.7555	8.963
	92.000	23.7858	36.3767	24.7551	8.965
	93.000	23.7856	36.3765	24.7551	8.965
	94.000	23.7859	36.3766	24.7552	8.965
	97.000	23.7867	36.3769	24.7554	8.965
	98.000	23.7878	36.3772	24.7553	8.965
	100.000	23.7851	36.3762	24.7555	8.959
	101.000	23.7851	36.3764	24.7557	8.960
	103.000	23.7851	36.3759	24.7554	8.960
	104.000	23.7847	36.3760	24.7557	8.962
	105.000	23.7861	36.3764	24.7557	8.960
	106.000	23.7864	36.3766	24.7558	8.964
	108.000	23.7869	36.3769	24.7560	8.965
	109.000	23.7856	36.3761	24.7559	8.957
	110.000	23.7850	36.3760	24.7560	8.966
	111.000	23.7857	36.3763	24.7561	8.958
	112.000	23.7877	36.3765	24.7557	8.965
	113.000	23.7879	36.3762	24.7555	8.960
	114.000	23.7881	36.3763	24.7556	8.962
	115.000	23.7888	36.3767	24.7558	8.959
	116.000	23.7879	36.3765	24.7559	8.960
	117.000	23.7889	36.3766	24.7557	8.965
	118.000	23.7902	36.3765	24.7554	8.959
	119.000	23.7889	36.3766	24.7558	8.967
	120.000	23.7900	36.3770	24.7559	8.936
	121.000	23.7883	36.3765	24.7560	8.967
	122.000	23.7895	36.3764	24.7557	8.965
	123.000	23.7900	36.3761	24.7554	8.960
	124.000	23.7896	36.3762	24.7557	8.963
	126.000	23.7848	36.3767	24.7576	8.965
	127.000	23.7861	36.3764	24.7571	8.965
	128.000	23.7864	36.3764	24.7570	8.965
	129.000	23.7865	36.3764	24.7570	8.965
	130.000	23.7863	36.3766	24.7573	8.965
	132.000	23.7850	36.3768	24.7580	8.965
	133.000	23.7854	36.3770	24.7581	8.961
	134.000	23.7852	36.3770	24.7582	8.963
	136.000	23.7874	36.3768	24.7575	8.962
	138.000	23.7855	36.3776	24.7588	8.965
	140.000	23.7860	36.3773	24.7586	8.959
	141.000	23.7874	36.3769	24.7580	8.964
	142.000	23.7829	36.3782	24.7603	8.970
	143.000	23.7775	36.3804	24.7636	8.973
	145.000	23.7767	36.3809	24.7644	8.974
	146.000	23.7793	36.3812	24.7639	8.968
	147.000	23.7597	36.3848	24.7725	8.980
	148.000	23.7451	36.3885	24.7796	8.988
	149.000	23.7155	36.3997	24.7970	8.989
	150.000	23.5792	36.4407	24.8682	9.002
	151.000	23.3232	36.4811	24.9739	9.018
	152.000	23.1504	36.5333	25.0641	9.027
	153.000	23.1054	36.6241	25.1461	9.037
	154.000	23.0993	36.6824	25.1922	9.042
	155.000	23.0841	36.7295	25.2324	9.046
	157.000	23.0025	36.7716	25.2883	9.048
	158.000	22.9010	36.7834	25.3267	9.053
	159.000	22.8554	36.7851	25.3412	9.050
	160.000	22.7957	36.7901	25.3623	9.052
	161.000	22.7254	36.7946	25.3861	9.056
	162.000	22.6664	36.7979	25.4056	9.051
	164.000	22.6068	36.8035	25.4271	9.057
	166.000	22.4853	36.8117	25.4682	9.057
	167.000	22.3982	36.8192	25.4989	9.057
	168.000	22.3144	36.8189	25.5225	9.057
	170.000	22.1406	36.8012	25.5586	9.057
	171.000	22.0688	36.7969	25.5756	9.057
	173.000	21.9849	36.8030	25.6041	9.057
	175.000	21.9822	36.8027	25.6047	9.057
	176.000	21.9511	36.7863	25.6011	9.052
	177.000	21.6761	36.7630	25.6605	9.059
	179.000	21.4791	36.7321	25.6921	9.063
	180.000	21.4185	36.7223	25.7014	9.058
	182.000	21.3109	36.7217	25.7309	9.063
	183.000	21.2617	36.7209	25.7439	9.058
	184.000	21.2519	36.7221	25.7475	9.057









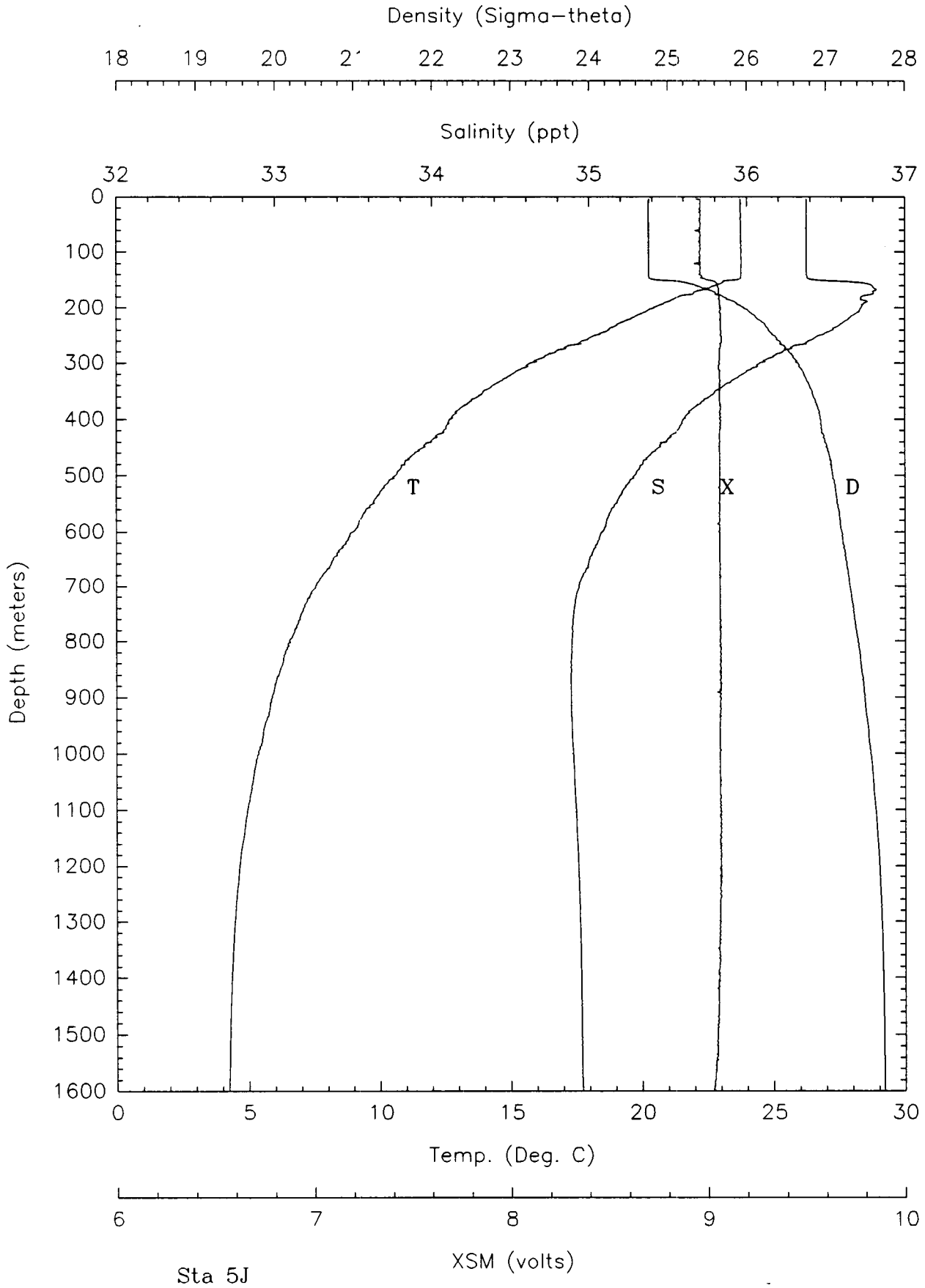








meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
174.000	4.2540	34.9524	27.7355	9.038	1591.000	4.2412	34.9527	27.7373	9.033
176.000	4.2541	34.9516	27.7349	9.038	1592.000	4.2392	34.9533	27.7380	9.033
177.000	4.2530	34.9518	27.7352	9.038	1593.000	4.2390	34.9531	27.7378	9.033
178.000	4.2510	34.9523	27.7358	9.038	1594.000	4.2388	34.9530	27.7378	9.033
180.000	4.2494	34.9527	27.7363	9.038	1595.000	4.2391	34.9529	27.7377	9.028
181.000	4.2488	34.9525	27.7362	9.034	1596.000	4.2376	34.9532	27.7381	9.028
182.000	4.2485	34.9523	27.7361	9.033	1597.000	4.2375	34.9530	27.7380	9.028
183.000	4.2489	34.9519	27.7358	9.033	1598.000	4.2370	34.9530	27.7380	9.033
184.000	4.2464	34.9525	27.7365	9.033	1599.000	4.2365	34.9531	27.7381	9.033
186.000	4.2460	34.9525	27.7365	9.033	1600.000	4.2361	34.9531	27.7382	9.033
187.000	4.2451	34.9526	27.7367	9.033	1601.000	4.2352	34.9534	27.7385	9.033
188.000	4.2436	34.9529	27.7371	9.033	1602.000	4.2349	34.9535	27.7387	9.030
189.000	4.2438	34.9523	27.7366	9.033	1603.000	4.2347	34.9535	27.7387	9.028
190.000	4.2427	34.9523	27.7368	9.033	1604.000	4.2344	34.9536	27.7388	9.028



uise: 93G01  
 te: Mon Jan 11 1993, Julian day = 11  
 me: 17:52:46 GMT  
 it: 26 40.161 N  
 n: 94 59.799 W  
 n: 5K

	meters	temp	salinity	sigmatheta	xmiss
	83.000	23.8750	36.4000	24.7458	8.960
	84.000	23.8750	36.3999	24.7458	8.960
	85.000	23.8754	36.3999	24.7458	8.960
	86.000	23.8758	36.4002	24.7459	8.957
	87.000	23.8758	36.4002	24.7460	8.959
	88.000	23.8761	36.4001	24.7459	8.958
	89.000	23.8761	36.4002	24.7460	8.960
	90.000	23.8763	36.4002	24.7460	8.960
	92.000	23.8763	36.3999	24.7460	8.960
	93.000	23.8763	36.4002	24.7463	8.960
	94.000	23.8766	36.4002	24.7462	8.960
	96.000	23.8770	36.3999	24.7460	8.960
	97.000	23.8773	36.4002	24.7462	8.960
	99.000	23.8776	36.4004	24.7464	8.960
	100.000	23.8780	36.4000	24.7460	8.957
	101.000	23.8782	36.4001	24.7461	8.960
	102.000	23.8784	36.4002	24.7462	8.955
	103.000	23.8785	36.4003	24.7463	8.959
	104.000	23.8789	36.4004	24.7463	8.956
	105.000	23.8788	36.3999	24.7460	8.955
	106.000	23.8792	36.3999	24.7460	8.958
	108.000	23.8795	36.4003	24.7463	8.964
	110.000	23.8797	36.4004	24.7464	8.961
	112.000	23.8797	36.4006	24.7467	8.960
	114.000	23.8792	36.4006	24.7470	8.960
	115.000	23.8801	36.4004	24.7467	8.960
	116.000	23.8808	36.4006	24.7467	8.960
	117.000	23.8810	36.4007	24.7468	8.960
	120.000	23.8817	36.4010	24.7469	8.960
	121.000	23.8826	36.4011	24.7468	8.956
	122.000	23.8833	36.4011	24.7466	8.958
	123.000	23.8822	36.4010	24.7470	8.960
	124.000	23.8823	36.4009	24.7469	8.957
	125.000	23.8838	36.4010	24.7467	8.955
	126.000	23.8857	36.4008	24.7460	8.955
	127.000	23.8851	36.4013	24.7466	8.959
	128.000	23.8851	36.4010	24.7465	8.956
	129.000	23.8854	36.4010	24.7464	8.958
	130.000	23.8859	36.4013	24.7466	8.955
	131.000	23.8858	36.4011	24.7465	8.955
	132.000	23.8859	36.4012	24.7466	8.955
	133.000	23.8859	36.4013	24.7468	8.955
	134.000	23.8850	36.4015	24.7472	8.955
	135.000	23.8861	36.4013	24.7468	8.955
	136.000	23.8857	36.4013	24.7470	8.955
	137.000	23.8859	36.4014	24.7470	8.957
	138.000	23.8851	36.4012	24.7472	8.960
	139.000	23.8850	36.4007	24.7469	8.960
	140.000	23.8848	36.4007	24.7470	8.960
	141.000	23.8845	36.4002	24.7468	8.957
	142.000	23.8847	36.4004	24.7470	8.959
	143.000	23.8848	36.4002	24.7469	8.960
	144.000	23.8848	36.4006	24.7472	8.960
	145.000	23.8850	36.4006	24.7472	8.958
	146.000	23.8859	36.4008	24.7472	8.960
	147.000	23.8856	36.4007	24.7473	8.960
	149.000	23.8853	36.4011	24.7477	8.960
	151.000	23.8842	36.4007	24.7479	8.960
	152.000	23.8745	36.4028	24.7525	8.964
	154.000	23.8559	36.4079	24.7619	8.965
	155.000	23.8236	36.4150	24.7769	8.965
	156.000	23.6077	36.4691	24.8817	8.984
	158.000	23.2749	36.5602	25.0487	9.016
	159.000	22.9865	36.6250	25.1816	9.009
	161.000	22.8172	36.7434	25.3207	9.044
	162.000	22.8263	36.7517	25.3244	9.044
	163.000	22.7686	36.7628	25.3495	9.039
	165.000	22.6797	36.7923	25.3977	9.051
	166.000	22.6686	36.7907	25.3998	9.048
	167.000	22.6499	36.7841	25.4002	9.042
	168.000	22.5011	36.7986	25.4538	9.047
	170.000	22.3952	36.8060	25.4899	9.053
	171.000	22.4374	36.7980	25.4718	9.043
	172.000	22.3473	36.8076	25.5048	9.046
	174.000	22.2167	36.8122	25.5456	9.052
	176.000	22.1341	36.8138	25.5704	9.047







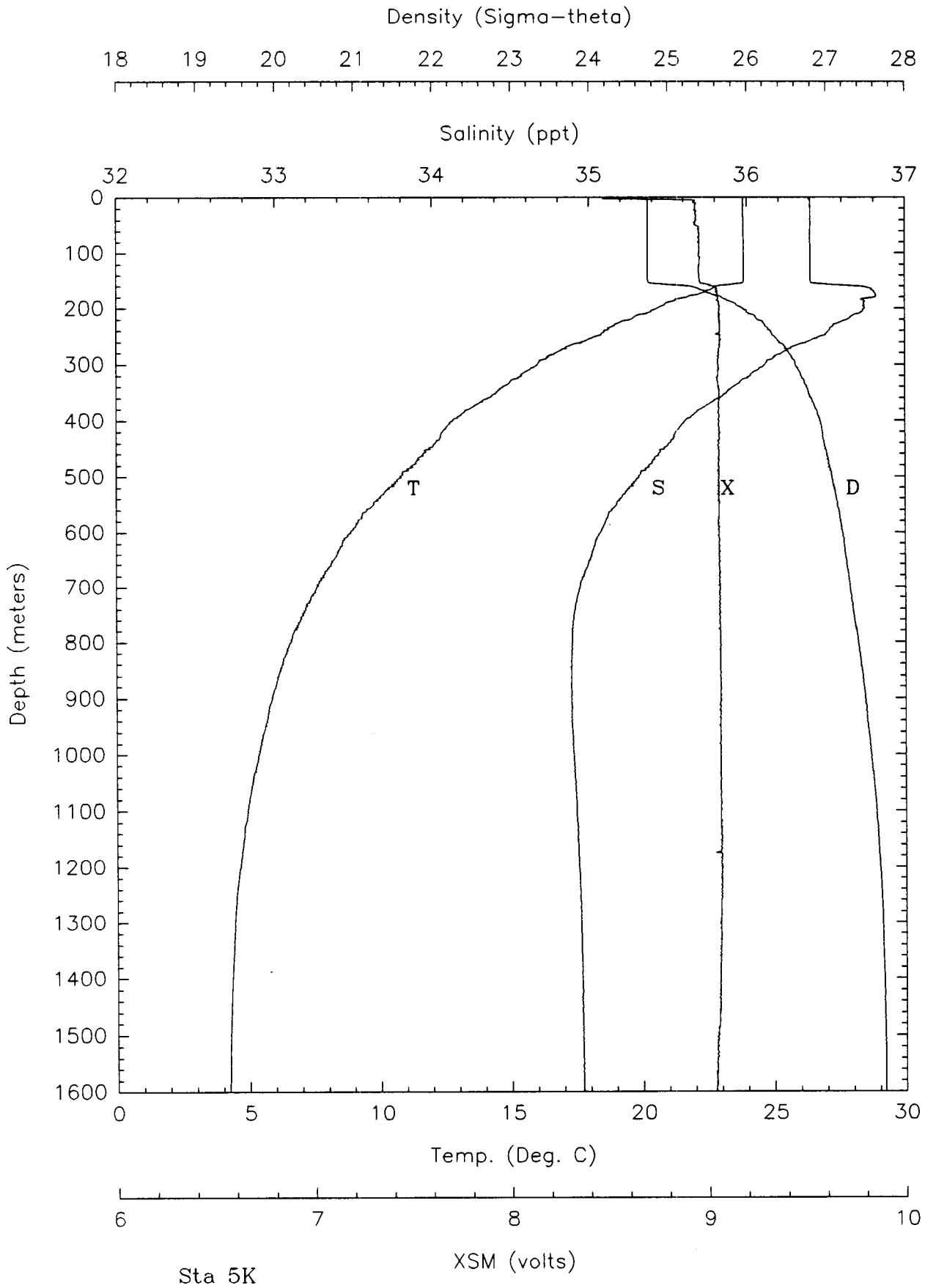


















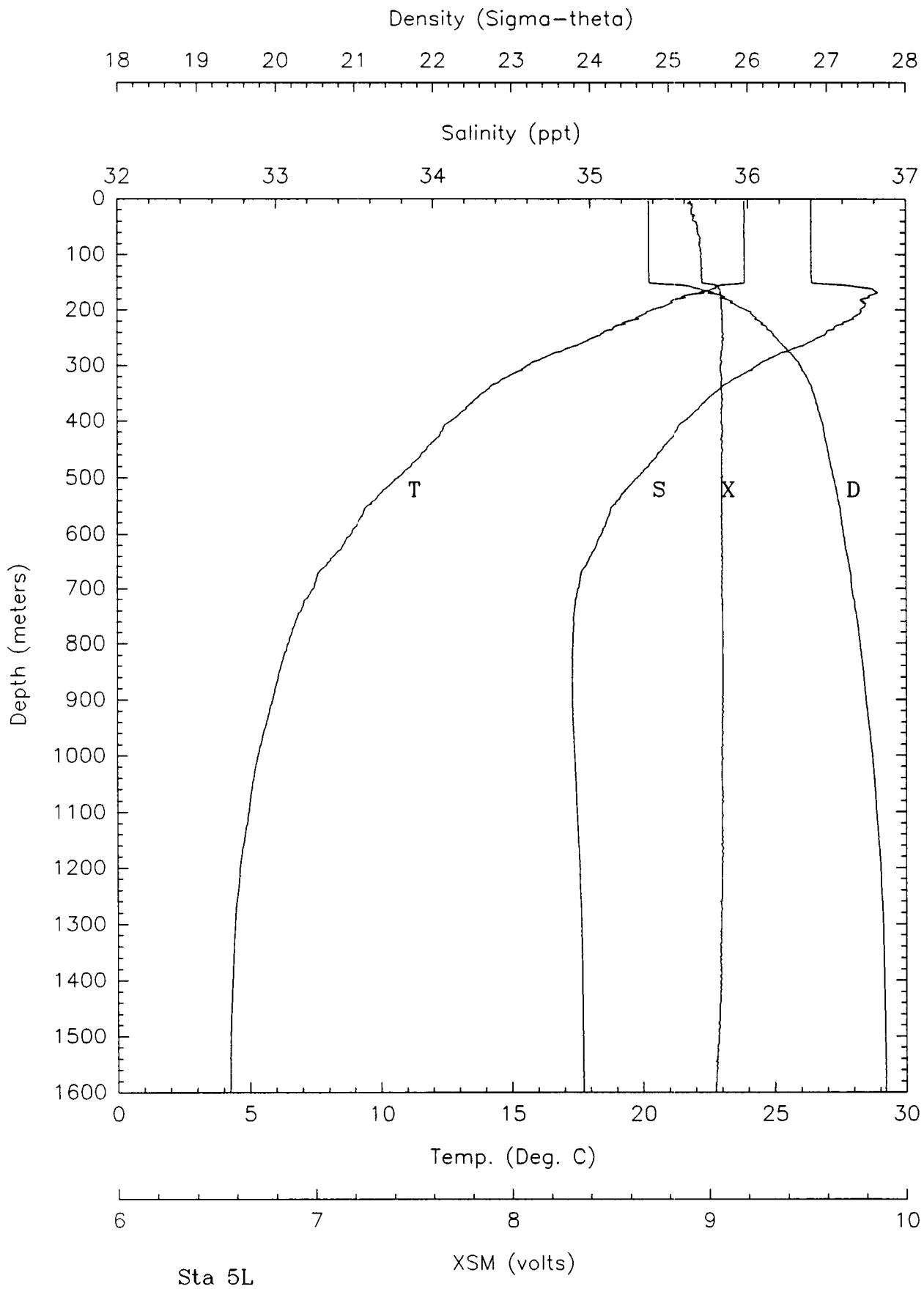








meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
60.000	4.2995	34.9492	27.7270	9.053	1535.000	4.2631	34.9519	27.7338	9.043
62.000	4.2972	34.9488	27.7270	9.053	1537.000	4.2632	34.9521	27.7339	9.043
63.000	4.2971	34.9490	27.7271	9.053	1539.000	4.2637	34.9513	27.7333	9.043
64.000	4.2967	34.9489	27.7271	9.053	1540.000	4.2637	34.9512	27.7332	9.043
66.000	4.2953	34.9493	27.7276	9.053	1542.000	4.2634	34.9509	27.7330	9.037
68.000	4.2946	34.9495	27.7279	9.053	1543.000	4.2630	34.9512	27.7333	9.043
70.000	4.2949	34.9495	27.7278	9.053	1545.000	4.2618	34.9518	27.7340	9.032
72.000	4.2955	34.9489	27.7274	9.053	1547.000	4.2607	34.9521	27.7343	9.044
73.000	4.2955	34.9491	27.7275	9.053	1549.000	4.2602	34.9520	27.7343	9.043
75.000	4.2956	34.9491	27.7275	9.046	1550.000	4.2598	34.9518	27.7342	9.043
76.000	4.2958	34.9491	27.7275	9.052	1552.000	4.2598	34.9512	27.7337	9.037
78.000	4.2959	34.9492	27.7276	9.046	1553.000	4.2591	34.9513	27.7339	9.038
79.000	4.2951	34.9493	27.7277	9.052	1554.000	4.2586	34.9517	27.7343	9.038
81.000	4.2934	34.9494	27.7280	9.053	1556.000	4.2582	34.9520	27.7346	9.042
83.000	4.2915	34.9497	27.7285	9.053	1558.000	4.2580	34.9521	27.7347	9.043
85.000	4.2888	34.9498	27.7289	9.053	1560.000	4.2581	34.9520	27.7346	9.039
86.000	4.2883	34.9495	27.7287	9.048	1562.000	4.2583	34.9516	27.7343	9.038
87.000	4.2875	34.9494	27.7288	9.048	1563.000	4.2585	34.9511	27.7339	9.038
89.000	4.2863	34.9498	27.7292	9.048	1564.000	4.2583	34.9513	27.7341	9.038
91.000	4.2856	34.9503	27.7297	9.048	1566.000	4.2576	34.9519	27.7347	9.038
93.000	4.2854	34.9499	27.7294	9.048	1568.000	4.2568	34.9526	27.7353	9.038
94.000	4.2849	34.9503	27.7298	9.051	1570.000	4.2567	34.9525	27.7352	9.038
96.000	4.2846	34.9501	27.7297	9.048	1572.000	4.2564	34.9518	27.7348	9.038
98.000	4.2847	34.9498	27.7295	9.048	1573.000	4.2568	34.9516	27.7345	9.038
99.000	4.2845	34.9493	27.7291	9.048	1574.000	4.2564	34.9515	27.7346	9.038
100.000	4.2841	34.9497	27.7295	9.048	1576.000	4.2553	34.9519	27.7350	9.038
102.000	4.2834	34.9504	27.7301	9.048	1577.000	4.2550	34.9523	27.7353	9.038
104.000	4.2822	34.9504	27.7303	9.048	1579.000	4.2543	34.9527	27.7358	9.038
106.000	4.2811	34.9504	27.7304	9.048	1582.000	4.2527	34.9527	27.7360	9.038
108.000	4.2796	34.9505	27.7306	9.048	1583.000	4.2528	34.9524	27.7357	9.034
109.000	4.2789	34.9500	27.7304	9.048	1584.000	4.2530	34.9519	27.7353	9.033
110.000	4.2776	34.9501	27.7305	9.048	1586.000	4.2517	34.9519	27.7354	9.033
112.000	4.2757	34.9506	27.7312	9.048	1587.000	4.2512	34.9525	27.7360	9.037
113.000	4.2752	34.9507	27.7313	9.048	1589.000	4.2508	34.9529	27.7364	9.033
115.000	4.2737	34.9513	27.7320	9.044	1591.000	4.2507	34.9527	27.7363	9.033
118.000	4.2721	34.9511	27.7320	9.043	1593.000	4.2514	34.9519	27.7356	9.033
119.000	4.2720	34.9507	27.7317	9.043	1594.000	4.2506	34.9519	27.7357	9.033
120.000	4.2717	34.9505	27.7316	9.043	1595.000	4.2508	34.9519	27.7357	9.033
122.000	4.2704	34.9507	27.7319	9.043	1596.000	4.2502	34.9523	27.7360	9.033
123.000	4.2698	34.9511	27.7323	9.043	1598.000	4.2497	34.9525	27.7363	9.033
125.000	4.2693	34.9513	27.7326	9.047	1599.000	4.2488	34.9527	27.7366	9.033
127.000	4.2681	34.9515	27.7328	9.043	1601.000	4.2482	34.9525	27.7365	9.033
129.000	4.2676	34.9512	27.7327	9.043	1602.000	4.2487	34.9520	27.7360	9.033
130.000	4.2677	34.9511	27.7326	9.043	1603.000	4.2477	34.9518	27.7360	9.033
132.000	4.2667	34.9509	27.7325	9.043	1605.000	4.2462	34.9525	27.7368	9.033
133.000	4.2648	34.9513	27.7331	9.043					



cruise: 93G01  
 date: Tue Jan 12 1993, Julian day = 12  
 time: 06:12:37 GMT  
 lat: 26 39.926 N  
 lon: 94 59.926 W  
 unit: 5M

	meters	temp	salinity	sigmatheta	xmiss
	82.000	23.8715	36.4012	24.7477	8.949
	83.000	23.8699	36.4007	24.7479	8.954
	85.000	23.8687	36.4009	24.7485	8.962
	86.000	23.8699	36.4012	24.7484	8.965
	88.000	23.8698	36.4008	24.7483	8.959
	89.000	23.8701	36.4006	24.7482	8.960
	91.000	23.8709	36.4007	24.7481	8.960
	92.000	23.8717	36.4009	24.7481	8.965
	93.000	23.8718	36.4011	24.7482	8.960
	94.000	23.8729	36.4019	24.7486	8.964
	96.000	23.8743	36.4022	24.7485	8.965
	97.000	23.8742	36.4024	24.7488	8.961
	99.000	23.8745	36.4023	24.7487	8.964
	101.000	23.8755	36.4020	24.7483	8.965
	102.000	23.8755	36.4018	24.7482	8.965
	103.000	23.8740	36.4016	24.7486	8.965
	105.000	23.8729	36.4010	24.7486	8.965
	106.000	23.8732	36.4009	24.7485	8.965
	107.000	23.8733	36.4008	24.7485	8.965
	109.000	23.8734	36.4011	24.7488	8.965
	110.000	23.8736	36.4008	24.7486	8.965
	112.000	23.8741	36.4008	24.7486	8.965
	113.000	23.8743	36.4013	24.7490	8.968
	115.000	23.8747	36.3982	24.7466	8.965
	116.000	23.8747	36.4004	24.7483	8.965
	117.000	23.8748	36.4009	24.7487	8.965
	118.000	23.8749	36.4010	24.7488	8.965
	120.000	23.8753	36.4012	24.7490	8.965
	122.000	23.8756	36.4010	24.7489	8.965
	124.000	23.8769	36.4011	24.7487	8.965
	125.000	23.8783	36.4019	24.7489	8.969
	126.000	23.8797	36.4022	24.7488	8.969
	128.000	23.8813	36.4023	24.7486	8.969
	129.000	23.8808	36.4023	24.7487	8.969
	130.000	23.8813	36.4023	24.7487	8.969
	132.000	23.8822	36.4030	24.7491	8.969
	134.000	23.8825	36.4031	24.7492	8.969
	135.000	23.8828	36.4032	24.7492	8.974
	137.000	23.8831	36.4034	24.7494	8.974
	138.000	23.8831	36.4036	24.7496	8.974
	140.000	23.8827	36.4044	24.7505	8.974
	141.000	23.8820	36.4049	24.7511	8.979
	142.000	23.8800	36.4061	24.7527	8.975
	144.000	23.8761	36.4087	24.7559	8.980
	145.000	23.8728	36.4136	24.7607	8.987
	147.000	23.8552	36.4249	24.7746	8.993
	149.000	23.8337	36.4392	24.7919	9.000
	150.000	23.8164	36.4519	24.8068	8.999
	151.000	23.7666	36.4902	24.8506	9.003
	153.000	23.4078	36.7047	25.1190	9.022
	155.000	23.2979	36.7229	25.1652	9.040
	156.000	23.2185	36.7298	25.1937	9.043
	157.000	22.9633	36.7354	25.2722	9.043
	158.000	22.8541	36.7409	25.3079	9.046
	160.000	22.7143	36.7666	25.3679	9.048
	162.000	22.6477	36.7832	25.3998	9.052
	163.000	22.6151	36.7848	25.4105	9.053
	165.000	22.5115	36.7927	25.4462	9.047
	166.000	22.4506	36.8009	25.4700	9.051
	168.000	22.3453	36.8030	25.5017	9.053
	169.000	22.2594	36.8016	25.5251	9.053
	170.000	22.1848	36.8071	25.5505	9.056
	172.000	22.0605	36.8167	25.5932	9.057
	174.000	21.9214	36.8179	25.6334	9.057
	176.000	21.7938	36.8184	25.6698	9.057
	177.000	21.7909	36.8142	25.6674	9.057
	178.000	21.7051	36.8114	25.6894	9.057
	180.000	21.5780	36.8013	25.7173	9.057
	181.000	21.5484	36.8009	25.7252	9.061
	183.000	21.5004	36.7917	25.7317	9.057
	184.000	21.4263	36.7782	25.7421	9.053
	185.000	21.3140	36.7658	25.7637	9.057
	187.000	21.1596	36.7454	25.7910	9.063
	189.000	21.0331	36.7302	25.8141	9.057
	191.000	20.9215	36.7311	25.8455	9.063
	192.000	20.9470	36.7345	25.8412	9.062





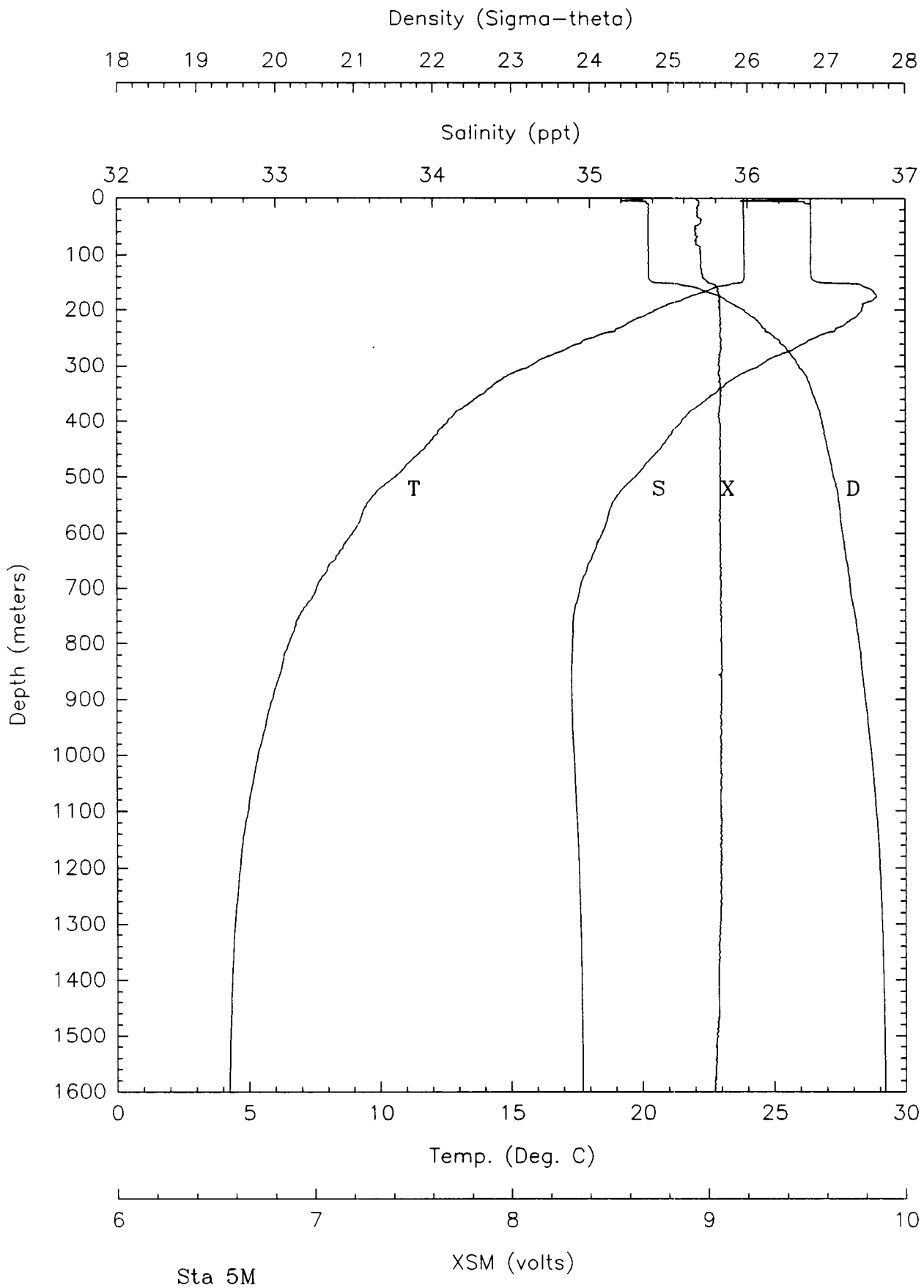








meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
59.000	4.3227	34.9475	27.7232	9.053	1537.000	4.2732	34.9508	27.7319	9.043
61.000	4.3202	34.9475	27.7235	9.053	1539.000	4.2727	34.9508	27.7319	9.038
62.000	4.3198	34.9477	27.7237	9.053	1541.000	4.2733	34.9502	27.7314	9.044
64.000	4.3189	34.9476	27.7237	9.053	1542.000	4.2732	34.9502	27.7314	9.036
65.000	4.3186	34.9475	27.7237	9.053	1543.000	4.2725	34.9506	27.7318	9.038
67.000	4.3177	34.9476	27.7239	9.053	1545.000	4.2718	34.9509	27.7322	9.038
69.000	4.3152	34.9482	27.7247	9.053	1546.000	4.2718	34.9509	27.7322	9.042
70.000	4.3135	34.9481	27.7248	9.048	1548.000	4.2717	34.9510	27.7323	9.043
72.000	4.3115	34.9480	27.7249	9.052	1549.000	4.2719	34.9508	27.7321	9.043
74.000	4.3101	34.9481	27.7252	9.046	1551.000	4.2718	34.9506	27.7320	9.037
75.000	4.3094	34.9482	27.7254	9.048	1552.000	4.2719	34.9504	27.7318	9.038
77.000	4.3081	34.9486	27.7258	9.048	1554.000	4.2705	34.9507	27.7322	9.038
78.000	4.3064	34.9488	27.7262	9.048	1555.000	4.2691	34.9508	27.7325	9.038
80.000	4.3048	34.9487	27.7262	9.048	1556.000	4.2681	34.9510	27.7327	9.038
82.000	4.3038	34.9486	27.7263	9.048	1558.000	4.2671	34.9511	27.7330	9.038
83.000	4.3035	34.9486	27.7264	9.048	1560.000	4.2665	34.9513	27.7332	9.038
85.000	4.3013	34.9490	27.7270	9.048	1561.000	4.2668	34.9510	27.7329	9.038
87.000	4.2994	34.9490	27.7271	9.048	1562.000	4.2668	34.9508	27.7328	9.038
88.000	4.2988	34.9491	27.7273	9.043	1564.000	4.2652	34.9512	27.7333	9.038
90.000	4.2993	34.9486	27.7268	9.049	1565.000	4.2650	34.9514	27.7335	9.038
91.000	4.2974	34.9489	27.7274	9.048	1567.000	4.2644	34.9516	27.7337	9.038
93.000	4.2938	34.9497	27.7284	9.048	1569.000	4.2640	34.9513	27.7335	9.038
95.000	4.2923	34.9497	27.7286	9.041	1570.000	4.2638	34.9509	27.7333	9.038
96.000	4.2924	34.9493	27.7282	9.043	1571.000	4.2621	34.9511	27.7336	9.038
98.000	4.2916	34.9492	27.7283	9.043	1573.000	4.2597	34.9514	27.7341	9.038
99.000	4.2912	34.9494	27.7285	9.043	1574.000	4.2595	34.9515	27.7342	9.033
101.000	4.2903	34.9496	27.7287	9.048	1576.000	4.2594	34.9517	27.7344	9.039
102.000	4.2902	34.9495	27.7287	9.048	1577.000	4.2594	34.9516	27.7344	9.033
104.000	4.2889	34.9495	27.7288	9.043	1578.000	4.2599	34.9512	27.7340	9.037
106.000	4.2872	34.9500	27.7294	9.043	1579.000	4.2594	34.9513	27.7341	9.038
107.000	4.2862	34.9500	27.7295	9.043	1581.000	4.2587	34.9514	27.7343	9.031
109.000	4.2846	34.9500	27.7297	9.043	1582.000	4.2573	34.9518	27.7348	9.033
110.000	4.2845	34.9499	27.7297	9.043	1583.000	4.2566	34.9518	27.7348	9.033
112.000	4.2835	34.9496	27.7296	9.043	1585.000	4.2556	34.9519	27.7351	9.033
113.000	4.2822	34.9499	27.7300	9.043	1586.000	4.2558	34.9518	27.7350	9.038
115.000	4.2792	34.9504	27.7307	9.038	1587.000	4.2558	34.9517	27.7349	9.034
117.000	4.2776	34.9506	27.7311	9.043	1588.000	4.2554	34.9518	27.7350	9.033
118.000	4.2777	34.9505	27.7310	9.043	1590.000	4.2534	34.9519	27.7354	9.033
120.000	4.2783	34.9501	27.7306	9.036	1591.000	4.2525	34.9521	27.7356	9.033
121.000	4.2781	34.9500	27.7306	9.044	1592.000	4.2524	34.9519	27.7355	9.033
122.000	4.2780	34.9502	27.7307	9.043	1593.000	4.2518	34.9520	27.7356	9.033
124.000	4.2773	34.9504	27.7310	9.043	1594.000	4.2516	34.9520	27.7356	9.033
125.000	4.2769	34.9505	27.7311	9.043	1596.000	4.2508	34.9521	27.7358	9.033
127.000	4.2761	34.9508	27.7314	9.043	1597.000	4.2501	34.9524	27.7362	9.033
129.000	4.2766	34.9502	27.7310	9.043	1598.000	4.2501	34.9524	27.7362	9.033
130.000	4.2767	34.9500	27.7308	9.043	1600.000	4.2506	34.9520	27.7358	9.027
131.000	4.2763	34.9500	27.7309	9.043	1601.000	4.2504	34.9520	27.7358	9.028
133.000	4.2744	34.9505	27.7314	9.043	1602.000	4.2492	34.9524	27.7363	9.028
134.000	4.2743	34.9507	27.7316	9.043	1603.000	4.2489	34.9525	27.7364	9.028
136.000	4.2735	34.9509	27.7319	9.043					



ruise: 93G01

date: Tue Jan 12 1993, Julian day = 12

time: 18:04:35 GMT

lat: 27 14.997 N

lon: 94 59.992 W

ctn: 6

	meters	temp	salinity	sigmatheta	xmiss
	72.000	23.7025	36.3721	24.7751	8.958
	73.000	23.7040	36.3725	24.7750	8.960
	74.000	23.7035	36.3723	24.7750	8.962
	75.000	23.7016	36.3717	24.7752	8.960
	76.000	23.7019	36.3716	24.7751	8.960
	77.000	23.7010	36.3713	24.7752	8.960
	78.000	23.7008	36.3712	24.7752	8.960
	79.000	23.7024	36.3716	24.7752	8.960
	80.000	23.7025	36.3717	24.7753	8.960
	81.000	23.7015	36.3714	24.7754	8.965
	82.000	23.7015	36.3712	24.7753	8.957
	83.000	23.7019	36.3712	24.7753	8.964
	84.000	23.7022	36.3712	24.7752	8.965
	85.000	23.7026	36.3714	24.7753	8.961
	86.000	23.7030	36.3714	24.7752	8.960
	87.000	23.7032	36.3714	24.7753	8.965
	88.000	23.7031	36.3713	24.7753	8.965
	89.000	23.7033	36.3713	24.7753	8.962
	90.000	23.7031	36.3711	24.7753	8.964
	91.000	23.7037	36.3712	24.7752	8.965
	93.000	23.7051	36.3716	24.7752	8.962
	94.000	23.7048	36.3714	24.7753	8.962
	95.000	23.7050	36.3714	24.7752	8.960
	97.000	23.7035	36.3716	24.7759	8.960
	98.000	23.7037	36.3715	24.7759	8.960
	99.000	23.7041	36.3714	24.7757	8.960
	100.000	23.7045	36.3716	24.7758	8.960
	101.000	23.7048	36.3713	24.7756	8.960
	102.000	23.7053	36.3716	24.7757	8.960
	103.000	23.7054	36.3717	24.7758	8.960
	104.000	23.7059	36.3716	24.7757	8.960
	105.000	23.7056	36.3714	24.7757	8.960
	106.000	23.7061	36.3716	24.7757	8.960
	107.000	23.7060	36.3716	24.7759	8.960
	108.000	23.7067	36.3716	24.7757	8.960
	109.000	23.7067	36.3717	24.7758	8.954
	110.000	23.7069	36.3717	24.7758	8.955
	111.000	23.7074	36.3716	24.7756	8.955
	112.000	23.7034	36.3706	24.7762	8.957
	113.000	23.7021	36.3702	24.7763	8.960
	114.000	23.7047	36.3709	24.7761	8.960
	115.000	23.7035	36.3704	24.7762	8.960
	116.000	23.7053	36.3711	24.7762	8.960
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	118.000	23.7061	36.3711	24.7761	8.960
	119.000	23.7045	36.3705	24.7762	8.960
	120.000	23.7038	36.3706	24.7765	8.960
	121.000	23.7020	36.3699	24.7766	8.960
	122.000	23.7005	36.3696	24.7769	8.964
	123.000	23.7023	36.3700	24.7767	8.965
	124.000	23.6993	36.3691	24.7770	8.965
	125.000	23.6974	36.3685	24.7771	8.959
	126.000	23.6973	36.3684	24.7772	8.967
	127.000	23.7002	36.3686	24.7765	8.958
	128.000	23.7037	36.3701	24.7767	8.960
	129.000	23.7078	36.3709	24.7761	8.960
	130.000	23.6724	36.3642	24.7816	8.957
	131.000	23.6482	36.3608	24.7862	8.967
	132.000	23.6389	36.3600	24.7884	8.969
	133.000	23.6262	36.3577	24.7904	8.969
	134.000	23.5969	36.3568	24.7985	8.977
	135.000	23.3703	36.3629	24.8696	8.998
	136.000	22.8055	36.3838	25.0494	9.030
	138.000	22.2222	36.4104	25.2367	9.039
	139.000	22.1801	36.4527	25.2806	9.043
	140.000	22.1220	36.4582	25.3013	9.047
	141.000	22.1777	36.5227	25.3346	9.048
	142.000	22.1671	36.5321	25.3448	9.044
	143.000	22.1048	36.5229	25.3556	9.043
	144.000	22.1100	36.5581	25.3809	9.050
	145.000	21.9821	36.5607	25.4190	9.048
	146.000	21.8218	36.5467	25.4535	9.054
	147.000	21.9073	36.6455	25.5046	9.055
	148.000	21.9172	36.6650	25.5168	9.053
	149.000	21.8513	36.6552	25.5279	9.057
	150.000	21.7507	36.6294	25.5365	9.052







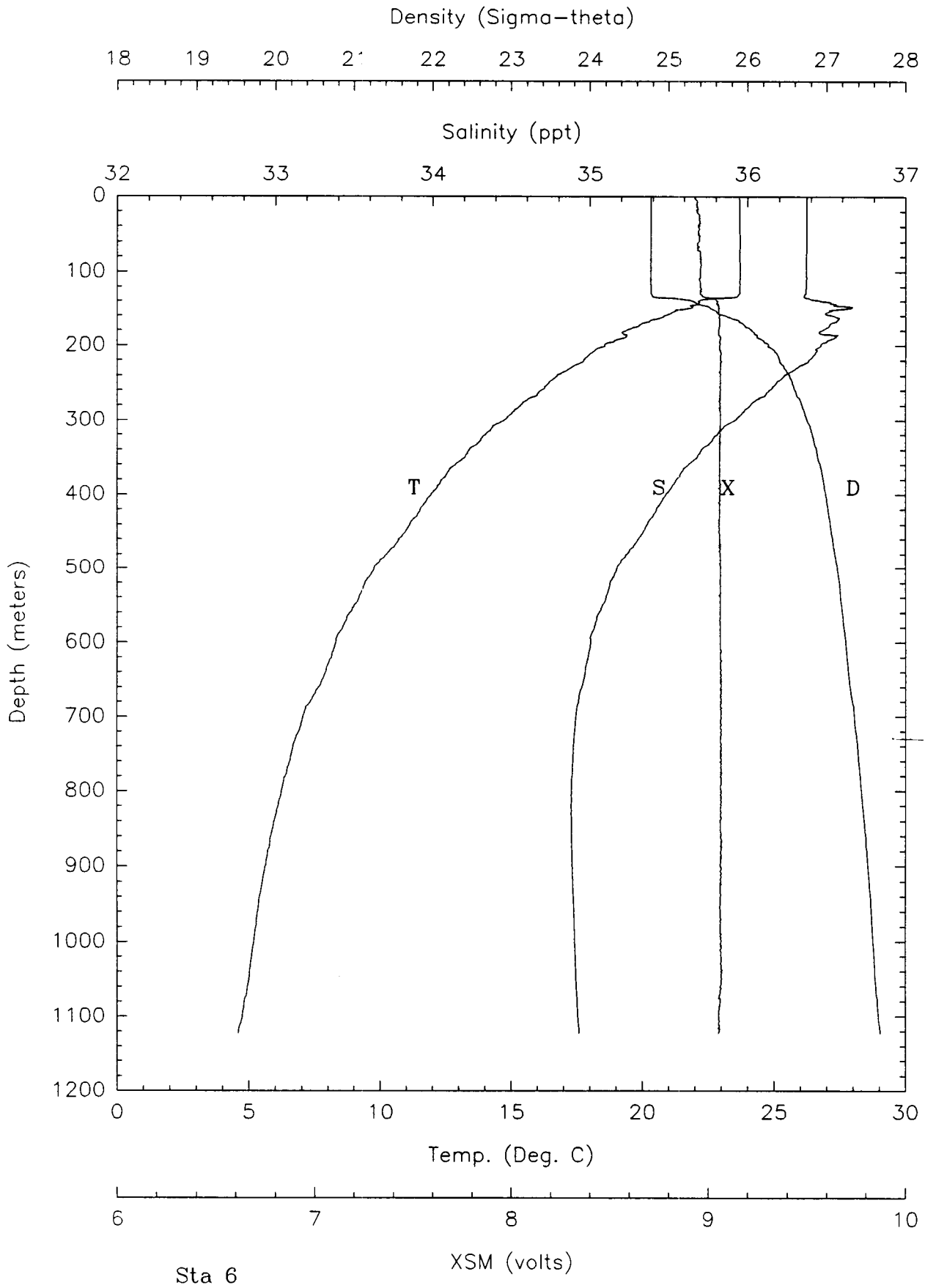


meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
538.000	7.9313	34.9708	27.2715	9.064	717.000	6.9340	34.9048	27.3628	9.069
540.000	7.9178	34.9702	27.2730	9.062	718.000	6.9294	34.9044	27.3632	9.067
541.000	7.9006	34.9698	27.2753	9.062	719.000	6.9208	34.9043	27.3643	9.067
542.000	7.8883	34.9690	27.2765	9.062	720.000	6.9022	34.9032	27.3660	9.067
543.000	7.8769	34.9682	27.2776	9.067	721.000	6.8842	34.9034	27.3686	9.061
544.000	7.8673	34.9676	27.2785	9.067	722.000	6.8691	34.9025	27.3699	9.067
545.000	7.8605	34.9672	27.2792	9.067	724.000	6.8370	34.9011	27.3733	9.067
546.000	7.8548	34.9665	27.2795	9.064	725.000	6.8257	34.9013	27.3750	9.067
547.000	7.8365	34.9643	27.2805	9.062	726.000	6.8110	34.9007	27.3765	9.065
548.000	7.8152	34.9631	27.2827	9.067	727.000	6.8041	34.9003	27.3772	9.063
549.000	7.8039	34.9619	27.2834	9.063	729.000	6.7828	34.8993	27.3792	9.062
550.000	7.7911	34.9608	27.2845	9.066	730.000	6.7743	34.8990	27.3802	9.065
551.000	7.7766	34.9597	27.2857	9.062	731.000	6.7662	34.8985	27.3809	9.063
552.000	7.7677	34.9583	27.2860	9.068	732.000	6.7574	34.8982	27.3819	9.062
553.000	7.7565	34.9579	27.2873	9.062	733.000	6.7477	34.8978	27.3829	9.062
554.000	7.7420	34.9566	27.2884	9.062	734.000	6.7330	34.8974	27.3846	9.062
555.000	7.7330	34.9566	27.2897	9.066	735.000	6.7211	34.8970	27.3859	9.062
556.000	7.7307	34.9555	27.2892	9.067	736.000	6.7072	34.8967	27.3875	9.065
557.000	7.7180	34.9537	27.2897	9.067	737.000	6.6954	34.8965	27.3890	9.067
558.000	7.7006	34.9522	27.2910	9.067	738.000	6.6896	34.8963	27.3895	9.064
559.000	7.6654	34.9499	27.2943	9.067	739.000	6.6859	34.8958	27.3897	9.067
560.000	7.6478	34.9483	27.2957	9.067	740.000	6.6822	34.8956	27.3901	9.062
561.000	7.6267	34.9477	27.2983	9.061	741.000	6.6767	34.8955	27.3907	9.067
562.000	7.6049	34.9448	27.2992	9.062	742.000	6.6699	34.8953	27.3915	9.067
563.000	7.5798	34.9422	27.3008	9.069	743.000	6.6649	34.8954	27.3922	9.064
564.000	7.5594	34.9405	27.3024	9.062	744.000	6.6604	34.8952	27.3927	9.066
565.000	7.5392	34.9387	27.3039	9.066	745.000	6.6545	34.8948	27.3932	9.062
566.000	7.5314	34.9379	27.3044	9.067	746.000	6.6466	34.8945	27.3940	9.068
568.000	7.5241	34.9367	27.3045	9.065	747.000	6.6388	34.8945	27.3951	9.063
569.000	7.5072	34.9350	27.3056	9.067	748.000	6.6323	34.8944	27.3959	9.062
570.000	7.4838	34.9330	27.3074	9.063	749.000	6.6268	34.8945	27.3967	9.062
571.000	7.4691	34.9324	27.3091	9.062	750.000	6.6211	34.8937	27.3968	9.068
572.000	7.4479	34.9312	27.3112	9.066	751.000	6.6142	34.8936	27.3977	9.062
573.000	7.4228	34.9302	27.3139	9.063	752.000	6.6012	34.8935	27.3993	9.062
574.000	7.4172	34.9306	27.3150	9.062	753.000	6.5962	34.8933	27.3999	9.068
575.000	7.4078	34.9308	27.3165	9.065	754.000	6.5900	34.8928	27.4003	9.062
576.000	7.4006	34.9310	27.3178	9.067	755.000	6.5845	34.8926	27.4010	9.062
577.000	7.3969	34.9297	27.3173	9.067	756.000	6.5773	34.8922	27.4016	9.062
578.000	7.3575	34.9281	27.3217	9.067	757.000	6.5768	34.8924	27.4018	9.069
579.000	7.3459	34.9288	27.3238	9.067	758.000	6.5773	34.8925	27.4019	9.067
580.000	7.3358	34.9279	27.3246	9.063	759.000	6.5805	34.8925	27.4015	9.067
581.000	7.3227	34.9285	27.3270	9.066	760.000	6.5710	34.8918	27.4022	9.067
582.000	7.3031	34.9262	27.3279	9.067	761.000	6.5409	34.8917	27.4061	9.060
583.000	7.2783	34.9243	27.3299	9.061	762.000	6.5424	34.8913	27.4056	9.065
584.000	7.2531	34.9230	27.3324	9.062	763.000	6.5375	34.8910	27.4060	9.066
585.000	7.2267	34.9215	27.3350	9.062	764.000	6.5295	34.8907	27.4069	9.067
586.000	7.1991	34.9193	27.3372	9.062	765.000	6.5199	34.8905	27.4080	9.064
587.000	7.1564	34.9177	27.3418	9.062	766.000	6.5080	34.8902	27.4093	9.065
588.000	7.1581	34.9175	27.3415	9.069	767.000	6.4913	34.8901	27.4115	9.064
589.000	7.1585	34.9170	27.3410	9.067	768.000	6.4737	34.8900	27.4137	9.066
590.000	7.1528	34.9169	27.3418	9.061	769.000	6.4652	34.8896	27.4146	9.063
591.000	7.1399	34.9160	27.3429	9.065	770.000	6.4607	34.8897	27.4152	9.067
592.000	7.1222	34.9152	27.3448	9.066	771.000	6.4568	34.8895	27.4156	9.067
594.000	7.1062	34.9142	27.3462	9.067	772.000	6.4545	34.8895	27.4159	9.067
595.000	7.1017	34.9139	27.3466	9.065	773.000	6.4530	34.8894	27.4160	9.067
596.000	7.0967	34.9133	27.3468	9.067	774.000	6.4491	34.8893	27.4165	9.067
597.000	7.0882	34.9128	27.3476	9.067	775.000	6.4445	34.8889	27.4168	9.061
598.000	7.0753	34.9121	27.3489	9.064	776.000	6.4385	34.8887	27.4174	9.070
599.000	7.0640	34.9116	27.3500	9.065	777.000	6.4332	34.8889	27.4183	9.061
700.000	7.0563	34.9110	27.3507	9.067	778.000	6.4254	34.8882	27.4188	9.067
701.000	7.0494	34.9105	27.3513	9.067	779.000	6.4023	34.8878	27.4215	9.067
702.000	7.0407	34.9103	27.3523	9.067	780.000	6.3894	34.8881	27.4234	9.063
703.000	7.0345	34.9100	27.3530	9.067	781.000	6.3720	34.8862	27.4243	9.062
704.000	7.0303	34.9099	27.3535	9.063	782.000	6.3510	34.8854	27.4263	9.066
705.000	7.0284	34.9095	27.3534	9.062	784.000	6.3329	34.8846	27.4281	9.067
706.000	7.0194	34.9089	27.3542	9.062	785.000	6.3327	34.8844	27.4280	9.067
707.000	7.0115	34.9088	27.3552	9.065	786.000	6.3322	34.8841	27.4278	9.067
708.000	7.0068	34.9087	27.3558	9.064	787.000	6.3316	34.8840	27.4278	9.065
709.000	6.9967	34.9076	27.3563	9.062	788.000	6.3268	34.8836	27.4281	9.067
710.000	6.9808	34.9072	27.3582	9.069	789.000	6.3151	34.8832	27.4294	9.067
711.000	6.9831	34.9075	27.3582	9.067	790.000	6.3053	34.8830	27.4305	9.067
712.000	6.9831	34.9073	27.3580	9.062	792.000	6.2946	34.8830	27.4319	9.065
713.000	6.9761	34.9067	27.3585	9.062	793.000	6.2902	34.8825	27.4321	9.063
714.000	6.9554	34.9059	27.3608	9.062	794.000	6.2791	34.8823	27.4334	9.062
715.000	6.9431	34.9061	27.3626	9.062	795.000	6.2710	34.8825	27.4346	9.062
716.000	6.9391	34.9052	27.3624	9.062	796.000	6.2687	34.8822	27.4347	9.062

meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
797.000	6.2662	34.8822	27.4351	9.062	878.000	5.7416	34.8871	27.5061	9.067
798.000	6.2583	34.8820	27.4359	9.062	879.000	5.7253	34.8858	27.5072	9.067
799.000	6.2480	34.8827	27.4378	9.067	880.000	5.7260	34.8864	27.5076	9.065
800.000	6.2438	34.8826	27.4383	9.067	881.000	5.7233	34.8860	27.5076	9.062
801.000	6.2385	34.8827	27.4390	9.063	882.000	5.7182	34.8860	27.5083	9.067
802.000	6.2329	34.8828	27.4398	9.067	883.000	5.7128	34.8864	27.5092	9.063
803.000	6.2286	34.8826	27.4402	9.067	884.000	5.7093	34.8866	27.5098	9.065
804.000	6.2275	34.8824	27.4403	9.062	885.000	5.7075	34.8863	27.5098	9.067
805.000	6.2242	34.8820	27.4404	9.062	886.000	5.7046	34.8862	27.5101	9.067
806.000	6.2199	34.8818	27.4408	9.062	887.000	5.6989	34.8860	27.5107	9.061
807.000	6.2094	34.8826	27.4428	9.069	888.000	5.6965	34.8862	27.5111	9.069
808.000	6.2014	34.8821	27.4434	9.067	889.000	5.6846	34.8866	27.5129	9.061
809.000	6.1910	34.8824	27.4450	9.062	890.000	5.6716	34.8869	27.5148	9.067
810.000	6.1839	34.8822	27.4458	9.068	891.000	5.6680	34.8873	27.5155	9.063
811.000	6.1719	34.8820	27.4472	9.067	892.000	5.6695	34.8870	27.5151	9.064
812.000	6.1612	34.8820	27.4485	9.062	893.000	5.6634	34.8867	27.5156	9.063
813.000	6.1515	34.8819	27.4497	9.066	894.000	5.6578	34.8870	27.5166	9.066
815.000	6.1370	34.8821	27.4518	9.067	896.000	5.6500	34.8878	27.5182	9.061
816.000	6.1315	34.8819	27.4523	9.067	897.000	5.6463	34.8878	27.5186	9.062
817.000	6.1270	34.8819	27.4529	9.065	898.000	5.6471	34.8874	27.5182	9.062
818.000	6.1227	34.8816	27.4532	9.063	899.000	5.6430	34.8868	27.5183	9.062
819.000	6.1200	34.8815	27.4535	9.066	900.000	5.6238	34.8882	27.5217	9.062
820.000	6.1181	34.8815	27.4538	9.064	901.000	5.6169	34.8883	27.5227	9.067
821.000	6.1122	34.8815	27.4546	9.065	902.000	5.6060	34.8888	27.5244	9.067
822.000	6.1036	34.8811	27.4554	9.064	903.000	5.5992	34.8891	27.5255	9.067
823.000	6.0888	34.8813	27.4574	9.062	904.000	5.5950	34.8890	27.5259	9.067
824.000	6.0752	34.8815	27.4593	9.062	905.000	5.5904	34.8894	27.5268	9.064
825.000	6.0624	34.8817	27.4611	9.062	906.000	5.5919	34.8889	27.5263	9.062
826.000	6.0577	34.8819	27.4619	9.062	907.000	5.5844	34.8887	27.5270	9.062
827.000	6.0554	34.8820	27.4623	9.062	909.000	5.5641	34.8900	27.5305	9.069
828.000	6.0528	34.8818	27.4624	9.062	910.000	5.5637	34.8900	27.5306	9.067
829.000	6.0497	34.8815	27.4626	9.067	911.000	5.5620	34.8901	27.5309	9.063
830.000	6.0442	34.8817	27.4635	9.062	912.000	5.5548	34.8899	27.5316	9.065
831.000	6.0317	34.8815	27.4649	9.062	913.000	5.5475	34.8901	27.5327	9.066
832.000	6.0255	34.8816	27.4658	9.062	914.000	5.5430	34.8904	27.5334	9.067
833.000	6.0155	34.8820	27.4674	9.062	916.000	5.5339	34.8909	27.5350	9.065
834.000	6.0031	34.8821	27.4690	9.067	917.000	5.5293	34.8907	27.5354	9.063
835.000	5.9992	34.8823	27.4697	9.062	918.000	5.5255	34.8908	27.5360	9.062
836.000	5.9991	34.8823	27.4697	9.064	919.000	5.5193	34.8912	27.5370	9.066
837.000	5.9913	34.8823	27.4707	9.066	920.000	5.5141	34.8918	27.5382	9.067
839.000	5.9738	34.8823	27.4729	9.060	921.000	5.5106	34.8914	27.5382	9.063
840.000	5.9764	34.8825	27.4728	9.062	922.000	5.5050	34.8913	27.5389	9.062
841.000	5.9634	34.8820	27.4740	9.062	923.000	5.5008	34.8917	27.5397	9.069
842.000	5.9446	34.8823	27.4767	9.062	924.000	5.4945	34.8923	27.5409	9.061
843.000	5.9404	34.8823	27.4772	9.062	925.000	5.4873	34.8924	27.5419	9.062
844.000	5.9383	34.8823	27.4775	9.062	926.000	5.4838	34.8924	27.5423	9.062
846.000	5.9325	34.8824	27.4783	9.062	927.000	5.4822	34.8928	27.5428	9.062
847.000	5.9282	34.8825	27.4790	9.062	928.000	5.4730	34.8928	27.5440	9.062
848.000	5.9266	34.8819	27.4787	9.062	929.000	5.4657	34.8929	27.5449	9.062
849.000	5.9246	34.8820	27.4790	9.062	930.000	5.4618	34.8930	27.5455	9.062
850.000	5.9174	34.8823	27.4802	9.062	932.000	5.4563	34.8935	27.5466	9.062
851.000	5.8999	34.8829	27.4829	9.062	933.000	5.4517	34.8932	27.5469	9.062
852.000	5.8925	34.8832	27.4840	9.062	934.000	5.4464	34.8941	27.5482	9.062
853.000	5.8922	34.8830	27.4839	9.062	935.000	5.4372	34.8930	27.5485	9.062
854.000	5.8940	34.8819	27.4828	9.062	936.000	5.4215	34.8948	27.5518	9.062
855.000	5.8698	34.8834	27.4870	9.062	937.000	5.4211	34.8946	27.5517	9.067
857.000	5.8524	34.8844	27.4900	9.067	938.000	5.4159	34.8949	27.5526	9.067
858.000	5.8514	34.8841	27.4899	9.063	939.000	5.4117	34.8955	27.5535	9.064
859.000	5.8501	34.8837	27.4898	9.067	940.000	5.4070	34.8951	27.5538	9.062
860.000	5.8382	34.8838	27.4913	9.064	941.000	5.3992	34.8951	27.5548	9.062
861.000	5.8239	34.8843	27.4935	9.062	942.000	5.3926	34.8951	27.5556	9.062
862.000	5.8145	34.8844	27.4948	9.062	943.000	5.3857	34.8962	27.5572	9.062
863.000	5.8111	34.8843	27.4952	9.066	944.000	5.3853	34.8956	27.5568	9.062
864.000	5.8088	34.8846	27.4957	9.064	945.000	5.3841	34.8960	27.5573	9.062
866.000	5.8059	34.8846	27.4961	9.069	946.000	5.3833	34.8962	27.5576	9.062
867.000	5.8047	34.8845	27.4962	9.064	947.000	5.3817	34.8959	27.5576	9.062
868.000	5.8007	34.8842	27.4964	9.068	948.000	5.3759	34.8959	27.5582	9.062
869.000	5.7983	34.8846	27.4970	9.067	949.000	5.3719	34.8962	27.5590	9.062
870.000	5.7968	34.8849	27.4975	9.067	950.000	5.3698	34.8963	27.5593	9.062
871.000	5.7951	34.8849	27.4977	9.067	951.000	5.3666	34.8966	27.5599	9.062
872.000	5.7926	34.8847	27.4979	9.067	952.000	5.3633	34.8965	27.5603	9.062
873.000	5.7867	34.8849	27.4988	9.067	953.000	5.3597	34.8966	27.5608	9.058
874.000	5.7833	34.8846	27.4990	9.071	954.000	5.3545	34.8967	27.5615	9.063
875.000	5.7761	34.8849	27.5001	9.067	955.000	5.3506	34.8972	27.5623	9.057
876.000	5.7621	34.8854	27.5023	9.067	956.000	5.3439	34.8972	27.5631	9.063
877.000	5.7515	34.8861	27.5041	9.067	957.000	5.3390	34.8976	27.5641	9.062

meters	temp	salinity	sigmtheta	xmiss	meters	temp	salinity	sigmtheta	xmiss
958.000	5.3369	34.8979	27.5646	9.062	1039.000	5.0270	34.9107	27.6118	9.066
959.000	5.3362	34.8979	27.5646	9.062	1040.000	5.0261	34.9101	27.6114	9.065
960.000	5.3317	34.8979	27.5652	9.062	1041.000	5.0227	34.9105	27.6121	9.071
961.000	5.3263	34.8978	27.5658	9.062	1042.000	5.0208	34.9107	27.6125	9.068
962.000	5.3175	34.8982	27.5672	9.062	1043.000	5.0202	34.9107	27.6126	9.067
963.000	5.3136	34.8986	27.5680	9.062	1044.000	5.0200	34.9106	27.6126	9.067
964.000	5.3115	34.8988	27.5684	9.062	1045.000	5.0175	34.9104	27.6127	9.067
965.000	5.3092	34.8987	27.5686	9.062	1046.000	5.0160	34.9106	27.6131	9.067
966.000	5.3051	34.8987	27.5691	9.062	1047.000	5.0128	34.9111	27.6138	9.067
967.000	5.3020	34.8988	27.5695	9.062	1048.000	5.0126	34.9108	27.6136	9.067
968.000	5.2960	34.8990	27.5704	9.062	1049.000	5.0099	34.9108	27.6139	9.071
969.000	5.2894	34.8993	27.5715	9.067	1050.000	5.0017	34.9113	27.6153	9.068
970.000	5.2856	34.8995	27.5721	9.067	1051.000	4.9939	34.9119	27.6166	9.067
971.000	5.2821	34.8996	27.5726	9.062	1052.000	4.9899	34.9119	27.6171	9.067
972.000	5.2799	34.8999	27.5730	9.062	1053.000	4.9828	34.9124	27.6183	9.067
973.000	5.2756	34.9000	27.5736	9.062	1054.000	4.9798	34.9123	27.6187	9.067
974.000	5.2747	34.9000	27.5737	9.062	1055.000	4.9693	34.9132	27.6206	9.067
975.000	5.2745	34.8998	27.5737	9.065	1056.000	4.9676	34.9135	27.6210	9.067
976.000	5.2725	34.8997	27.5739	9.063	1057.000	4.9650	34.9137	27.6215	9.067
977.000	5.2707	34.8999	27.5742	9.062	1058.000	4.9583	34.9135	27.6221	9.067
979.000	5.2674	34.9003	27.5749	9.062	1059.000	4.9502	34.9142	27.6236	9.062
980.000	5.2640	34.9003	27.5753	9.062	1060.000	4.9447	34.9146	27.6245	9.062
981.000	5.2557	34.9005	27.5765	9.062	1061.000	4.9402	34.9149	27.6253	9.062
982.000	5.2473	34.9011	27.5780	9.062	1062.000	4.9361	34.9149	27.6258	9.068
983.000	5.2431	34.9014	27.5787	9.062	1063.000	4.9320	34.9150	27.6263	9.067
984.000	5.2406	34.9013	27.5790	9.062	1064.000	4.9295	34.9151	27.6267	9.062
985.000	5.2341	34.9016	27.5800	9.062	1065.000	4.9273	34.9152	27.6270	9.062
986.000	5.2282	34.9020	27.5810	9.062	1066.000	4.9238	34.9154	27.6276	9.062
987.000	5.2251	34.9023	27.5816	9.062	1067.000	4.9201	34.9156	27.6282	9.062
988.000	5.2235	34.9019	27.5815	9.062	1068.000	4.9157	34.9161	27.6291	9.062
989.000	5.2209	34.9017	27.5816	9.062	1069.000	4.9139	34.9164	27.6296	9.062
990.000	5.2172	34.9024	27.5826	9.069	1070.000	4.9132	34.9163	27.6296	9.062
991.000	5.2157	34.9025	27.5829	9.067	1071.000	4.9041	34.9167	27.6310	9.058
992.000	5.2139	34.9025	27.5831	9.062	1072.000	4.8981	34.9171	27.6319	9.057
993.000	5.2088	34.9027	27.5839	9.062	1074.000	4.8725	34.9184	27.6359	9.057
994.000	5.2021	34.9030	27.5849	9.067	1075.000	4.8548	34.9199	27.6391	9.052
995.000	5.1999	34.9033	27.5854	9.067	1076.000	4.8345	34.9209	27.6421	9.061
996.000	5.1982	34.9035	27.5858	9.064	1077.000	4.8290	34.9206	27.6426	9.062
998.000	5.1925	34.9037	27.5866	9.067	1078.000	4.8286	34.9203	27.6424	9.062
999.000	5.1864	34.9039	27.5875	9.067	1079.000	4.8282	34.9201	27.6423	9.062
000.000	5.1831	34.9040	27.5880	9.067	1080.000	4.8268	34.9203	27.6426	9.062
001.000	5.1807	34.9041	27.5883	9.067	1081.000	4.8245	34.9203	27.6429	9.062
002.000	5.1784	34.9043	27.5888	9.063	1082.000	4.8194	34.9209	27.6440	9.062
003.000	5.1723	34.9044	27.5896	9.062	1083.000	4.8181	34.9211	27.6442	9.062
004.000	5.1638	34.9047	27.5908	9.067	1084.000	4.8147	34.9210	27.6446	9.058
005.000	5.1549	34.9051	27.5922	9.067	1085.000	4.8127	34.9210	27.6448	9.063
006.000	5.1530	34.9050	27.5924	9.061	1086.000	4.8109	34.9211	27.6451	9.057
007.000	5.1461	34.9055	27.5936	9.069	1087.000	4.8107	34.9212	27.6452	9.057
008.000	5.1431	34.9055	27.5939	9.067	1088.000	4.8104	34.9211	27.6452	9.057
009.000	5.1390	34.9060	27.5948	9.067	1089.000	4.8079	34.9208	27.6452	9.057
010.000	5.1309	34.9063	27.5960	9.061	1090.000	4.7979	34.9219	27.6472	9.057
011.000	5.1279	34.9063	27.5963	9.062	1091.000	4.7929	34.9222	27.6480	9.057
012.000	5.1256	34.9061	27.5964	9.062	1092.000	4.7819	34.9227	27.6497	9.055
013.000	5.1237	34.9061	27.5967	9.067	1093.000	4.7742	34.9230	27.6508	9.052
014.000	5.1208	34.9065	27.5973	9.067	1094.000	4.7695	34.9232	27.6515	9.053
016.000	5.1135	34.9071	27.5987	9.067	1095.000	4.7653	34.9236	27.6523	9.053
017.000	5.1138	34.9070	27.5986	9.067	1096.000	4.7621	34.9237	27.6527	9.057
018.000	5.1143	34.9063	27.5980	9.065	1097.000	4.7562	34.9240	27.6537	9.052
020.000	5.1017	34.9075	27.6004	9.067	1098.000	4.7535	34.9242	27.6541	9.053
021.000	5.0919	34.9080	27.6020	9.067	1099.000	4.7549	34.9238	27.6536	9.053
022.000	5.0871	34.9091	27.6034	9.067	1100.000	4.7515	34.9240	27.6542	9.053
023.000	5.0825	34.9088	27.6037	9.067	1101.000	4.7484	34.9241	27.6546	9.056
024.000	5.0786	34.9083	27.6038	9.067	1102.000	4.7428	34.9246	27.6557	9.054
025.000	5.0772	34.9084	27.6041	9.067	1103.000	4.7400	34.9243	27.6557	9.055
027.000	5.0684	34.9090	27.6055	9.067	1104.000	4.7329	34.9248	27.6569	9.052
028.000	5.0664	34.9089	27.6057	9.067	1105.000	4.7223	34.9253	27.6586	9.058
029.000	5.0619	34.9097	27.6069	9.061	1106.000	4.7118	34.9261	27.6603	9.057
030.000	5.0594	34.9092	27.6067	9.067	1107.000	4.7081	34.9265	27.6611	9.057
031.000	5.0570	34.9091	27.6070	9.067	1108.000	4.7038	34.9261	27.6612	9.052
032.000	5.0538	34.9093	27.6076	9.067	1109.000	4.6964	34.9268	27.6627	9.054
033.000	5.0505	34.9096	27.6082	9.067	1110.000	4.6827	34.9273	27.6646	9.052
034.000	5.0471	34.9099	27.6088	9.067	1111.000	4.6634	34.9285	27.6677	9.053
035.000	5.0461	34.9096	27.6087	9.067	1112.000	4.6553	34.9290	27.6689	9.059
036.000	5.0428	34.9094	27.6089	9.067	1113.000	4.6497	34.9291	27.6697	9.057
037.000	5.0334	34.9099	27.6104	9.067	1114.000	4.6377	34.9296	27.6714	9.055
038.000	5.0282	34.9106	27.6116	9.073	1115.000	4.6297	34.9300	27.6726	9.057

meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
116.000	4.6225	34.9305	27.6738	9.050	1120.000	4.6109	34.9308	27.6754	9.057
117.000	4.6194	34.9307	27.6744	9.059	1121.000	4.6077	34.9308	27.6757	9.055
118.000	4.6191	34.9303	27.6741	9.057	1122.000	4.6015	34.9316	27.6770	9.052
119.000	4.6151	34.9305	27.6747	9.055	1123.000	4.5967	34.9314	27.6775	9.053



ruise: 93G01

date: Tue Jan 12 1993, Julian day = 12

time: 21:50:04 GMT

lat: 27 28.829 N

lon: 94 59.842 W

ln: 7

meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
2.000	23.4608	36.2552	24.7533	8.956	69.000	23.5386	36.2857	24.7577	8.984
3.000	23.4637	36.2547	24.7521	8.912	70.000	23.5394	36.2867	24.7582	8.984
4.000	23.4601	36.2560	24.7542	8.967	71.000	23.5579	36.2962	24.7601	8.984
5.000	23.4611	36.2579	24.7554	8.973	72.000	23.5633	36.2986	24.7604	8.984
6.000	23.4601	36.2583	24.7561	8.965	73.000	23.5629	36.2983	24.7603	8.984
7.000	23.4634	36.2595	24.7560	8.971	74.000	23.5640	36.2992	24.7607	8.984
8.000	23.4708	36.2610	24.7551	8.974	75.000	23.5644	36.2994	24.7608	8.984
9.000	23.4644	36.2597	24.7561	8.973	76.000	23.5638	36.2991	24.7608	8.984
10.000	23.4687	36.2605	24.7555	8.974	77.000	23.5645	36.2994	24.7609	8.984
11.000	23.4704	36.2606	24.7551	8.974	78.000	23.5614	36.2982	24.7610	8.984
12.000	23.4703	36.2605	24.7551	8.974	79.000	23.5599	36.2978	24.7612	8.984
13.000	23.4761	36.2631	24.7554	8.974	80.000	23.5606	36.2977	24.7610	8.984
14.000	23.4873	36.2671	24.7552	8.974	81.000	23.5592	36.2977	24.7615	8.989
15.000	23.4868	36.2667	24.7551	8.976	82.000	23.5603	36.2982	24.7615	8.984
16.000	23.4705	36.2601	24.7550	8.975	83.000	23.5620	36.2987	24.7615	8.984
17.000	23.4666	36.2591	24.7554	8.974	84.000	23.5636	36.2996	24.7618	8.989
18.000	23.4657	36.2590	24.7557	8.974	85.000	23.5637	36.2999	24.7620	8.984
19.000	23.4675	36.2593	24.7554	8.972	86.000	23.5639	36.2996	24.7618	8.984
20.000	23.4633	36.2578	24.7556	8.969	87.000	23.5641	36.2993	24.7616	8.984
21.000	23.4640	36.2578	24.7554	8.975	88.000	23.5628	36.2993	24.7620	8.991
22.000	23.4616	36.2571	24.7557	8.971	89.000	23.5589	36.2984	24.7625	8.989
23.000	23.4642	36.2583	24.7559	8.974	90.000	23.5589	36.2982	24.7625	8.989
24.000	23.4741	36.2614	24.7554	8.972	91.000	23.5589	36.2982	24.7625	8.989
25.000	23.4628	36.2573	24.7557	8.972	92.000	23.5562	36.2980	24.7633	8.995
26.000	23.4594	36.2561	24.7558	8.974	93.000	23.5551	36.2980	24.7636	8.994
27.000	23.4600	36.2561	24.7557	8.972	94.000	23.5385	36.2967	24.7676	8.999
28.000	23.4628	36.2570	24.7556	8.974	95.000	23.5119	36.2953	24.7744	9.006
29.000	23.4623	36.2565	24.7555	8.970	96.000	23.4811	36.2952	24.7834	9.009
30.000	23.4597	36.2555	24.7555	8.972	97.000	23.3757	36.3008	24.8186	9.020
31.000	23.4585	36.2552	24.7557	8.974	98.000	23.3421	36.2997	24.8277	9.018
32.000	23.4593	36.2552	24.7555	8.969	100.000	23.1976	36.2996	24.8699	9.030
33.000	23.4579	36.2547	24.7557	8.974	101.000	23.0555	36.3360	24.9389	9.035
34.000	23.4578	36.2547	24.7557	8.974	102.000	23.0031	36.3288	24.9486	9.033
35.000	23.4585	36.2550	24.7558	8.974	103.000	22.9297	36.3279	24.9692	9.033
36.000	23.4582	36.2550	24.7560	8.972	104.000	22.8068	36.3331	25.0087	9.033
37.000	23.4584	36.2550	24.7559	8.970	105.000	22.6976	36.3422	25.0471	9.033
38.000	23.4599	36.2554	24.7558	8.969	106.000	22.5917	36.3546	25.0869	9.033
39.000	23.4591	36.2551	24.7560	8.975	107.000	22.4539	36.3523	25.1246	9.033
40.000	23.4581	36.2546	24.7559	8.970	108.000	22.3296	36.3604	25.1663	9.033
41.000	23.4582	36.2548	24.7561	8.972	109.000	22.2844	36.3531	25.1736	9.036
42.000	23.4593	36.2550	24.7560	8.975	110.000	22.1733	36.3550	25.2066	9.038
43.000	23.4592	36.2550	24.7561	8.972	111.000	22.1152	36.3536	25.2220	9.038
44.000	23.4596	36.2554	24.7563	8.974	112.000	22.0893	36.3540	25.2297	9.038
45.000	23.4591	36.2553	24.7564	8.974	113.000	22.1022	36.3517	25.2243	9.038
46.000	23.4609	36.2557	24.7563	8.972	114.000	22.0203	36.3466	25.2436	9.038
47.000	23.4648	36.2572	24.7564	8.974	115.000	21.9726	36.3441	25.2553	9.038
48.000	23.4902	36.2655	24.7552	8.974	116.000	21.9072	36.3406	25.2710	9.038
49.000	23.4716	36.2594	24.7562	8.969	118.000	21.8446	36.3382	25.2869	9.038
50.000	23.4704	36.2590	24.7562	8.976	119.000	21.6193	36.3388	25.3504	9.045
51.000	23.4643	36.2564	24.7562	8.974	120.000	21.6516	36.3345	25.3381	9.043
52.000	23.4648	36.2570	24.7565	8.974	121.000	21.5314	36.3509	25.3841	9.043
53.000	23.4657	36.2568	24.7562	8.973	122.000	21.4595	36.3376	25.3939	9.043
54.000	23.4708	36.2587	24.7561	8.974	123.000	21.2662	36.3403	25.4495	9.048
55.000	23.4864	36.2645	24.7560	8.974	124.000	21.2361	36.3389	25.4568	9.048
56.000	23.5157	36.2776	24.7575	8.974	125.000	21.1878	36.3429	25.4732	9.043
57.000	23.5084	36.2729	24.7561	8.977	126.000	21.2202	36.3395	25.4617	9.048
58.000	23.5047	36.2720	24.7566	8.977	127.000	21.1443	36.3373	25.4810	9.048
59.000	23.5111	36.2748	24.7569	8.975	128.000	21.0812	36.3389	25.4996	9.048
60.000	23.5164	36.2770	24.7570	8.979	129.000	21.0437	36.3415	25.5119	9.048
61.000	23.5204	36.2786	24.7571	8.973	131.000	20.9031	36.3439	25.5523	9.048
62.000	23.5201	36.2786	24.7573	8.979	132.000	20.7498	36.3541	25.6018	9.048
63.000	23.5097	36.2731	24.7562	8.974	133.000	20.7115	36.3598	25.6165	9.053
64.000	23.5187	36.2781	24.7574	8.974	134.000	20.7164	36.3656	25.6197	9.050
65.000	23.5153	36.2761	24.7570	8.974	135.000	20.6964	36.3830	25.6384	9.052
66.000	23.5132	36.2750	24.7568	8.979	136.000	20.6400	36.3920	25.6606	9.053
67.000	23.5132	36.2749	24.7568	8.975	137.000	20.6100	36.3945	25.6707	9.053
68.000	23.5215	36.2789	24.7574	8.978	138.000	20.5966	36.3976	25.6767	9.053
					139.000	20.4532	36.4177	25.7308	9.053
					140.000	20.3497	36.4281	25.7666	9.059
					141.000	20.3497	36.4281	25.7666	9.059
					142.000	20.3884	36.4215	25.7512	9.056
					143.000	20.2916	36.4269	25.7813	9.053
					144.000	20.2048	36.4348	25.8106	9.055
					145.000	20.1144	36.4480	25.8448	9.057
					146.000	20.0583	36.4614	25.8701	9.055
					147.000	20.0401	36.4636	25.8766	9.055
					148.000	19.9729	36.4747	25.9029	9.058
					149.000	19.9352	36.4758	25.9138	9.053

meters	temp	salinity	sigma <sub>t</sub>	xmiss	meters	temp	salinity	sigma <sub>t</sub>	xmiss
150.000	19.8519	36.4747	25.9351	9.058	230.000	15.9024	36.1011	26.6268	9.057
151.000	19.8739	36.4658	25.9225	9.057	231.000	15.8906	36.0970	26.6264	9.057
152.000	19.7912	36.4674	25.9456	9.057	232.000	15.8447	36.0898	26.6314	9.057
153.000	19.7442	36.4741	25.9632	9.057	233.000	15.8264	36.0886	26.6347	9.057
154.000	19.7175	36.4794	25.9743	9.057	234.000	15.8001	36.0865	26.6391	9.057
156.000	19.5660	36.4882	26.0208	9.057	235.000	15.7720	36.0800	26.6406	9.057
157.000	19.4722	36.4791	26.0385	9.057	237.000	15.7074	36.0703	26.6478	9.057
158.000	19.4067	36.4782	26.0549	9.053	238.000	15.6914	36.0692	26.6507	9.057
159.000	19.4185	36.4805	26.0536	9.053	239.000	15.6793	36.0670	26.6518	9.057
160.000	19.2766	36.4700	26.0825	9.055	240.000	15.6563	36.0624	26.6535	9.057
161.000	19.2053	36.4728	26.1031	9.061	241.000	15.6211	36.0566	26.6570	9.057
162.000	19.1682	36.4734	26.1133	9.059	242.000	15.5837	36.0521	26.6621	9.057
163.000	19.1794	36.4722	26.1095	9.057	243.000	15.5493	36.0465	26.6656	9.057
164.000	19.0810	36.4665	26.1306	9.057	244.000	15.4975	36.0383	26.6710	9.057
165.000	18.9975	36.4681	26.1533	9.059	245.000	15.4586	36.0322	26.6751	9.057
166.000	18.9477	36.4672	26.1654	9.062	246.000	15.4330	36.0283	26.6778	9.057
167.000	18.9032	36.4692	26.1784	9.058	247.000	15.4041	36.0259	26.6825	9.057
168.000	18.8982	36.4688	26.1794	9.057	248.000	15.4165	36.0238	26.6781	9.057
169.000	18.8657	36.4674	26.1868	9.055	249.000	15.3065	36.0049	26.6883	9.057
170.000	18.8344	36.4660	26.1937	9.059	250.000	15.2854	36.0042	26.6925	9.057
171.000	18.8009	36.4625	26.1996	9.062	251.000	15.2055	35.9924	26.7012	9.057
172.000	18.7286	36.4573	26.2142	9.062	252.000	15.1527	35.9877	26.7094	9.062
173.000	18.7084	36.4597	26.2211	9.057	253.000	15.1183	35.9802	26.7113	9.056
174.000	18.6803	36.4613	26.2295	9.060	254.000	15.0699	35.9717	26.7154	9.057
175.000	18.6541	36.4588	26.2344	9.060	255.000	15.0416	35.9661	26.7174	9.057
176.000	18.5141	36.4373	26.2534	9.056	256.000	15.0189	35.9629	26.7200	9.064
177.000	18.4294	36.4301	26.2693	9.065	257.000	14.9951	35.9591	26.7224	9.060
178.000	18.4116	36.4268	26.2713	9.056	258.000	14.9504	35.9519	26.7267	9.062
179.000	18.3387	36.4141	26.2799	9.057	259.000	14.9143	35.9462	26.7303	9.062
180.000	18.1630	36.4073	26.3188	9.057	261.000	14.8449	35.9370	26.7385	9.057
181.000	18.0955	36.4008	26.3306	9.057	262.000	14.8578	35.9392	26.7374	9.057
182.000	18.0291	36.3932	26.3414	9.062	263.000	14.8842	35.9353	26.7286	9.057
183.000	17.9492	36.3864	26.3560	9.062	264.000	14.7409	35.9195	26.7479	9.064
184.000	17.9134	36.3782	26.3586	9.062	265.000	14.7449	35.9204	26.7477	9.057
185.000	17.8228	36.3678	26.3731	9.062	266.000	14.7242	35.9174	26.7499	9.057
186.000	17.7719	36.3636	26.3824	9.062	267.000	14.6990	35.9144	26.7531	9.060
187.000	17.7375	36.3567	26.3857	9.062	268.000	14.6752	35.9109	26.7557	9.062
188.000	17.6644	36.3520	26.4000	9.062	269.000	14.6482	35.9065	26.7582	9.062
189.000	17.6037	36.3424	26.4076	9.062	270.000	14.6276	35.9021	26.7593	9.062
190.000	17.5445	36.3333	26.4151	9.060	271.000	14.6094	35.8987	26.7606	9.062
191.000	17.4720	36.3260	26.4272	9.062	273.000	14.5811	35.8937	26.7629	9.062
192.000	17.4237	36.3187	26.4334	9.062	274.000	14.5451	35.8880	26.7664	9.058
193.000	17.3685	36.3115	26.4413	9.062	275.000	14.5207	35.8899	26.7732	9.057
194.000	17.3367	36.3061	26.4449	9.062	276.000	14.5034	35.8824	26.7712	9.057
195.000	17.3257	36.3033	26.4455	9.062	277.000	14.4600	35.8748	26.7747	9.057
196.000	17.2480	36.2944	26.4575	9.062	278.000	14.4430	35.8721	26.7762	9.057
197.000	17.1977	36.2835	26.4613	9.055	279.000	14.4359	35.8706	26.7767	9.057
198.000	17.2005	36.2874	26.4637	9.052	281.000	14.4088	35.8657	26.7788	9.057
199.000	17.1535	36.2795	26.4689	9.062	282.000	14.3475	35.8560	26.7844	9.057
200.000	17.1048	36.2804	26.4814	9.062	283.000	14.3106	35.8519	26.7893	9.057
201.000	17.0367	36.2630	26.4844	9.062	284.000	14.2981	35.8489	26.7897	9.057
202.000	16.9680	36.2556	26.4952	9.062	285.000	14.2639	35.8430	26.7925	9.057
203.000	16.9299	36.2517	26.5013	9.062	286.000	14.2302	35.8386	26.7962	9.057
205.000	16.8639	36.2458	26.5126	9.062	287.000	14.2170	35.8365	26.7975	9.057
206.000	16.8158	36.2367	26.5171	9.062	288.000	14.1740	35.8284	26.8004	9.057
207.000	16.7793	36.2314	26.5217	9.062	289.000	14.1207	35.8228	26.8075	9.057
208.000	16.7385	36.2202	26.5228	9.062	290.000	14.1061	35.8206	26.8089	9.057
209.000	16.6525	36.2108	26.5360	9.062	291.000	14.0846	35.8173	26.8109	9.057
210.000	16.5681	36.2000	26.5476	9.062	292.000	14.0519	35.8115	26.8134	9.057
211.000	16.5262	36.1939	26.5528	9.062	293.000	14.0023	35.8033	26.8175	9.057
212.000	16.4819	36.1895	26.5598	9.062	294.000	13.9856	35.8013	26.8196	9.057
213.000	16.4647	36.1851	26.5605	9.062	295.000	13.9797	35.7998	26.8196	9.057
214.000	16.4060	36.1750	26.5666	9.062	296.000	13.9557	35.7946	26.8207	9.057
215.000	16.3500	36.1683	26.5745	9.062	298.000	13.8776	35.7832	26.8284	9.063
217.000	16.3051	36.1624	26.5805	9.062	299.000	13.8809	35.7852	26.8293	9.058
218.000	16.2799	36.1601	26.5846	9.062	300.000	13.8673	35.7791	26.8275	9.057
219.000	16.2342	36.1550	26.5914	9.062	301.000	13.7924	35.7695	26.8357	9.062
220.000	16.2001	36.1457	26.5922	9.062	302.000	13.7392	35.7614	26.8406	9.062
221.000	16.1394	36.1364	26.5991	9.057	303.000	13.6887	35.7598	26.8500	9.059
222.000	16.1000	36.1308	26.6039	9.062	304.000	13.6696	35.7508	26.8470	9.057
223.000	16.0669	36.1255	26.6075	9.062	305.000	13.5761	35.7362	26.8551	9.057
225.000	15.9735	36.1128	26.6193	9.056	306.000	13.5308	35.7311	26.8605	9.057
226.000	16.0087	36.1197	26.6166	9.057	307.000	13.5177	35.7318	26.8638	9.057
227.000	15.9109	36.1009	26.6246	9.057	308.000	13.5126	35.7263	26.8607	9.055
228.000	15.9163	36.1038	26.6257	9.063	310.000	13.4602	35.7175	26.8647	9.052
229.000	15.9068	36.1015	26.6261	9.058	311.000	13.4182	35.7132	26.8700	9.053

meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
312.000	13.4273	35.7140	26.8688	9.053	391.000	11.5557	35.4281	27.0162	9.062
313.000	13.3871	35.7045	26.8697	9.053	392.000	11.5429	35.4255	27.0166	9.062
314.000	13.3436	35.6982	26.8738	9.053	393.000	11.5348	35.4240	27.0170	9.062
316.000	13.3000	35.6933	26.8789	9.053	394.000	11.4913	35.4172	27.0198	9.062
317.000	13.2795	35.6888	26.8797	9.053	395.000	11.4509	35.4132	27.0243	9.062
318.000	13.2336	35.6814	26.8834	9.048	396.000	11.4273	35.4092	27.0255	9.062
319.000	13.1920	35.6762	26.8878	9.051	397.000	11.3928	35.4044	27.0282	9.062
320.000	13.1695	35.6752	26.8916	9.053	398.000	11.3703	35.4012	27.0299	9.058
321.000	13.1515	35.6665	26.8886	9.053	399.000	11.3510	35.3994	27.0321	9.061
322.000	13.1160	35.6644	26.8941	9.046	400.000	11.3367	35.3980	27.0337	9.062
323.000	13.1156	35.6631	26.8933	9.053	401.000	11.3208	35.3934	27.0330	9.062
324.000	13.0997	35.6603	26.8943	9.053	402.000	11.2814	35.3893	27.0371	9.062
325.000	13.0770	35.6596	26.8984	9.053	403.000	11.2647	35.3862	27.0378	9.062
326.000	13.0402	35.6512	26.8994	9.053	404.000	11.2388	35.3824	27.0397	9.062
328.000	12.9920	35.6453	26.9045	9.053	405.000	11.2266	35.3806	27.0405	9.062
329.000	12.9946	35.6451	26.9039	9.048	406.000	11.2128	35.3787	27.0416	9.062
330.000	12.9880	35.6437	26.9042	9.048	407.000	11.2003	35.3766	27.0423	9.062
331.000	12.9829	35.6426	26.9044	9.048	408.000	11.1781	35.3729	27.0435	9.062
332.000	12.9804	35.6419	26.9044	9.048	409.000	11.1549	35.3698	27.0453	9.062
333.000	12.9778	35.6412	26.9044	9.048	411.000	11.1026	35.3637	27.0502	9.062
334.000	12.9753	35.6407	26.9045	9.048	412.000	11.0891	35.3614	27.0508	9.062
335.000	12.9517	35.6364	26.9059	9.048	413.000	11.0747	35.3589	27.0515	9.062
336.000	12.9234	35.6349	26.9105	9.048	414.000	11.0564	35.3549	27.0518	9.062
337.000	12.9012	35.6290	26.9104	9.041	415.000	11.0244	35.3506	27.0542	9.062
338.000	12.8497	35.6222	26.9154	9.043	416.000	11.0057	35.3481	27.0557	9.062
339.000	12.8617	35.6238	26.9143	9.043	417.000	10.9899	35.3475	27.0581	9.062
340.000	12.8542	35.6220	26.9145	9.043	418.000	10.9843	35.3477	27.0593	9.062
341.000	12.8224	35.6181	26.9178	9.043	419.000	10.9892	35.3454	27.0566	9.059
342.000	12.8192	35.6170	26.9176	9.043	420.000	10.9676	35.3425	27.0584	9.063
343.000	12.8085	35.6154	26.9185	9.043	421.000	10.9467	35.3385	27.0590	9.062
344.000	12.8017	35.6137	26.9186	9.043	422.000	10.9113	35.3336	27.0616	9.062
345.000	12.7661	35.6073	26.9208	9.043	424.000	10.8666	35.3288	27.0659	9.062
346.000	12.7162	35.6010	26.9258	9.052	425.000	10.8404	35.3246	27.0674	9.062
347.000	12.6794	35.5954	26.9288	9.056	426.000	10.8066	35.3166	27.0673	9.055
348.000	12.6453	35.5910	26.9322	9.057	427.000	10.7711	35.3124	27.0703	9.057
349.000	12.6118	35.5863	26.9352	9.057	428.000	10.7662	35.3113	27.0703	9.064
350.000	12.5721	35.5794	26.9377	9.057	429.000	10.7578	35.3093	27.0703	9.056
351.000	12.4941	35.5695	26.9454	9.057	430.000	10.7535	35.3098	27.0715	9.057
352.000	12.4819	35.5659	26.9450	9.057	431.000	10.7408	35.3075	27.0720	9.060
353.000	12.4664	35.5640	26.9466	9.057	432.000	10.7223	35.3047	27.0731	9.062
354.000	12.4608	35.5629	26.9468	9.057	433.000	10.7077	35.3028	27.0743	9.062
355.000	12.4483	35.5613	26.9481	9.057	434.000	10.6913	35.3000	27.0750	9.058
356.000	12.4435	35.5601	26.9481	9.052	435.000	10.6650	35.2961	27.0767	9.062
357.000	12.4329	35.5585	26.9489	9.058	436.000	10.6426	35.2939	27.0790	9.062
358.000	12.4111	35.5548	26.9504	9.057	437.000	10.6299	35.2925	27.0802	9.059
359.000	12.3878	35.5514	26.9524	9.057	438.000	10.6253	35.2915	27.0803	9.057
360.000	12.3693	35.5488	26.9540	9.057	439.000	10.6183	35.2898	27.0802	9.063
361.000	12.3598	35.5471	26.9545	9.057	440.000	10.6026	35.2873	27.0810	9.060
362.000	12.3214	35.5410	26.9573	9.057	442.000	10.5651	35.2821	27.0837	9.063
363.000	12.2852	35.5369	26.9611	9.057	443.000	10.5539	35.2803	27.0843	9.062
364.000	12.2431	35.5289	26.9632	9.057	444.000	10.5454	35.2806	27.0860	9.062
365.000	12.2008	35.5240	26.9675	9.063	445.000	10.5385	35.2769	27.0844	9.062
366.000	12.1790	35.5210	26.9694	9.062	446.000	10.5136	35.2728	27.0855	9.062
367.000	12.1495	35.5172	26.9722	9.062	447.000	10.4928	35.2703	27.0873	9.062
368.000	12.1326	35.5153	26.9740	9.062	448.000	10.4633	35.2664	27.0895	9.058
369.000	12.1152	35.5117	26.9746	9.060	449.000	10.4430	35.2641	27.0912	9.061
370.000	12.0901	35.5071	26.9759	9.062	450.000	10.4312	35.2619	27.0916	9.062
371.000	12.0645	35.5033	26.9779	9.059	451.000	10.4129	35.2594	27.0928	9.062
372.000	12.0426	35.4999	26.9794	9.057	452.000	10.3889	35.2562	27.0945	9.056
373.000	12.0268	35.4977	26.9808	9.061	453.000	10.3536	35.2508	27.0966	9.065
374.000	12.0196	35.4967	26.9814	9.062	454.000	10.3450	35.2500	27.0975	9.062
375.000	12.0127	35.4954	26.9817	9.062	455.000	10.3370	35.2484	27.0976	9.062
376.000	12.0010	35.4934	26.9825	9.062	456.000	10.3289	35.2478	27.0986	9.060
377.000	11.9826	35.4905	26.9838	9.057	457.000	10.3103	35.2432	27.0983	9.062
378.000	11.9721	35.4884	26.9842	9.063	458.000	10.2753	35.2398	27.1017	9.062
379.000	11.9319	35.4833	26.9879	9.062	460.000	10.2420	35.2372	27.1055	9.062
380.000	11.9010	35.4793	26.9906	9.062	461.000	10.2505	35.2320	27.1000	9.056
381.000	11.8672	35.4771	26.9954	9.062	462.000	10.1984	35.2316	27.1087	9.065
382.000	11.8398	35.4704	26.9955	9.062	463.000	10.1790	35.2262	27.1078	9.062
383.000	11.8082	35.4655	26.9976	9.062	464.000	10.1512	35.2245	27.1113	9.057
384.000	11.7823	35.4617	26.9996	9.062	465.000	10.1363	35.2218	27.1118	9.060
386.000	11.7049	35.4517	27.0065	9.062	466.000	10.1086	35.2200	27.1152	9.062
387.000	11.6575	35.4435	27.0091	9.062	467.000	10.1005	35.2206	27.1170	9.062
388.000	11.6171	35.4376	27.0120	9.062	468.000	10.0937	35.2203	27.1180	9.062
389.000	11.5988	35.4350	27.0135	9.058	469.000	10.0773	35.2186	27.1195	9.062
390.000	11.5725	35.4317	27.0159	9.063	470.000	10.0500	35.2150	27.1214	9.062

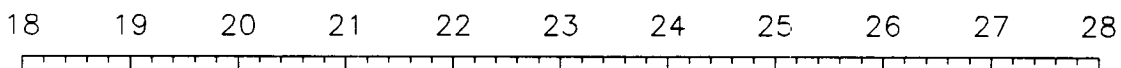


meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
471.000	10.0253	35.2123	27.1236	9.062	551.000	8.7759	35.0561	27.2079	9.057
472.000	10.0228	35.2107	27.1227	9.062	552.000	8.7603	35.0521	27.2073	9.057
473.000	10.0072	35.2082	27.1234	9.062	553.000	8.7393	35.0515	27.2101	9.057
474.000	9.9917	35.2056	27.1240	9.062	554.000	8.7384	35.0507	27.2096	9.057
475.000	9.9626	35.2025	27.1267	9.062	555.000	8.7302	35.0500	27.2104	9.057
476.000	9.9523	35.2020	27.1280	9.062	556.000	8.7131	35.0480	27.2115	9.057
477.000	9.9362	35.1978	27.1275	9.057	557.000	8.6990	35.0465	27.2126	9.057
478.000	9.8937	35.1934	27.1313	9.057	558.000	8.6867	35.0457	27.2139	9.057
479.000	9.8817	35.1916	27.1319	9.052	559.000	8.6851	35.0447	27.2134	9.060
480.000	9.8724	35.1900	27.1323	9.058	560.000	8.6662	35.0424	27.2145	9.058
481.000	9.8690	35.1893	27.1323	9.057	561.000	8.6472	35.0407	27.2162	9.057
482.000	9.8674	35.1884	27.1319	9.057	563.000	8.6184	35.0383	27.2188	9.057
483.000	9.8469	35.1856	27.1332	9.060	564.000	8.6152	35.0389	27.2199	9.060
484.000	9.8296	35.1830	27.1342	9.062	565.000	8.5999	35.0350	27.2192	9.060
485.000	9.7947	35.1784	27.1364	9.062	567.000	8.5714	35.0328	27.2219	9.063
486.000	9.7716	35.1761	27.1386	9.062	568.000	8.5632	35.0325	27.2229	9.062
487.000	9.7424	35.1712	27.1396	9.057	569.000	8.5579	35.0318	27.2233	9.062
488.000	9.6910	35.1664	27.1445	9.057	570.000	8.5457	35.0296	27.2234	9.057
489.000	9.6834	35.1652	27.1448	9.057	571.000	8.5281	35.0275	27.2245	9.061
490.000	9.6712	35.1625	27.1448	9.064	572.000	8.5018	35.0252	27.2268	9.062
491.000	9.6702	35.1621	27.1447	9.062	573.000	8.4735	35.0227	27.2292	9.062
492.000	9.6624	35.1608	27.1450	9.059	574.000	8.4576	35.0214	27.2307	9.059
493.000	9.6433	35.1576	27.1457	9.057	575.000	8.4530	35.0208	27.2310	9.061
494.000	9.5984	35.1523	27.1490	9.057	576.000	8.4497	35.0203	27.2310	9.058
495.000	9.5636	35.1486	27.1519	9.057	577.000	8.4452	35.0190	27.2307	9.057
496.000	9.5465	35.1461	27.1529	9.057	578.000	8.4315	35.0179	27.2320	9.057
497.000	9.5251	35.1422	27.1534	9.064	579.000	8.4157	35.0166	27.2334	9.064
498.000	9.5136	35.1410	27.1543	9.060	580.000	8.4110	35.0171	27.2345	9.062
499.000	9.5090	35.1399	27.1543	9.058	581.000	8.4119	35.0168	27.2342	9.058
500.000	9.5001	35.1384	27.1546	9.057	582.000	8.4202	35.0157	27.2321	9.057
501.000	9.4847	35.1356	27.1550	9.062	583.000	8.4106	35.0161	27.2338	9.057
502.000	9.4630	35.1328	27.1564	9.058	584.000	8.4101	35.0161	27.2340	9.057
503.000	9.4517	35.1312	27.1570	9.063	585.000	8.4092	35.0159	27.2340	9.060
504.000	9.4401	35.1294	27.1575	9.056	586.000	8.4016	35.0146	27.2342	9.062
505.000	9.4110	35.1253	27.1591	9.063	587.000	8.3744	35.0121	27.2363	9.057
506.000	9.3518	35.1183	27.1633	9.062	588.000	8.3590	35.0110	27.2379	9.057
508.000	9.3010	35.1142	27.1685	9.062	589.000	8.3543	35.0108	27.2384	9.062
509.000	9.3018	35.1132	27.1676	9.060	590.000	8.3351	35.0093	27.2402	9.060
510.000	9.2918	35.1099	27.1666	9.062	591.000	8.3127	35.0069	27.2417	9.058
512.000	9.2474	35.1066	27.1713	9.056	592.000	8.2615	35.0017	27.2455	9.060
513.000	9.2452	35.1065	27.1716	9.063	594.000	8.1798	34.9971	27.2543	9.062
514.000	9.2456	35.1062	27.1714	9.062	595.000	8.1717	34.9977	27.2559	9.060
515.000	9.2365	35.1055	27.1723	9.060	596.000	8.1599	34.9942	27.2550	9.062
516.000	9.2310	35.1051	27.1729	9.062	597.000	8.1602	34.9943	27.2551	9.057
517.000	9.2224	35.1050	27.1743	9.062	598.000	8.1574	34.9938	27.2551	9.057
518.000	9.2126	35.1046	27.1756	9.062	599.000	8.1472	34.9936	27.2565	9.057
519.000	9.2060	35.1046	27.1766	9.062	600.000	8.1295	34.9911	27.2573	9.063
520.000	9.1951	35.1040	27.1779	9.062	601.000	8.1093	34.9903	27.2596	9.055
521.000	9.1874	35.1032	27.1786	9.057	602.000	8.0967	34.9883	27.2600	9.057
522.000	9.1675	35.1008	27.1800	9.057	603.000	8.0948	34.9888	27.2607	9.064
523.000	9.1622	35.1001	27.1803	9.057	604.000	8.0804	34.9872	27.2616	9.058
524.000	9.1499	35.0982	27.1808	9.057	605.000	8.0612	34.9851	27.2629	9.057
525.000	9.1250	35.0958	27.1829	9.057	606.000	8.0479	34.9840	27.2640	9.057
526.000	9.1043	35.0941	27.1850	9.057	607.000	8.0310	34.9824	27.2653	9.057
527.000	9.0914	35.0921	27.1855	9.057	608.000	8.0202	34.9817	27.2664	9.061
528.000	9.0536	35.0883	27.1886	9.057	609.000	8.0181	34.9805	27.2657	9.056
529.000	9.0369	35.0867	27.1900	9.052	610.000	8.0108	34.9802	27.2666	9.057
530.000	9.0306	35.0856	27.1902	9.058	611.000	8.0018	34.9791	27.2671	9.062
531.000	9.0262	35.0849	27.1904	9.057	612.000	7.9924	34.9788	27.2683	9.058
532.000	9.0065	35.0822	27.1914	9.057	613.000	7.9893	34.9786	27.2686	9.057
533.000	8.9968	35.0816	27.1926	9.057	614.000	7.9855	34.9776	27.2684	9.057
534.000	8.9901	35.0800	27.1924	9.057	615.000	7.9819	34.9770	27.2685	9.057
535.000	8.9802	35.0787	27.1930	9.057	616.000	7.9723	34.9762	27.2692	9.057
536.000	8.9708	35.0777	27.1937	9.057	618.000	7.9578	34.9748	27.2704	9.057
537.000	8.9613	35.0771	27.1948	9.057	619.000	7.9526	34.9742	27.2707	9.061
538.000	8.9577	35.0757	27.1943	9.057	620.000	7.9465	34.9736	27.2711	9.057
539.000	8.9482	35.0741	27.1945	9.057	621.000	7.9326	34.9721	27.2721	9.064
541.000	8.9392	35.0730	27.1952	9.057	622.000	7.9148	34.9715	27.2742	9.062
542.000	8.9327	35.0722	27.1956	9.053	623.000	7.8947	34.9697	27.2758	9.062
543.000	8.9165	35.0703	27.1967	9.056	624.000	7.8731	34.9703	27.2794	9.062
544.000	8.8975	35.0682	27.1980	9.057	625.000	7.8651	34.9676	27.2785	9.062
545.000	8.8817	35.0669	27.1995	9.057	626.000	7.8564	34.9668	27.2792	9.060
546.000	8.8697	35.0660	27.2008	9.057	627.000	7.8510	34.9663	27.2797	9.058
547.000	8.8489	35.0619	27.2009	9.057	628.000	7.8472	34.9659	27.2799	9.060
548.000	8.8221	35.0594	27.2031	9.057	629.000	7.8439	34.9655	27.2801	9.062
550.000	8.7871	35.0559	27.2060	9.057	630.000	7.8389	34.9651	27.2805	9.060

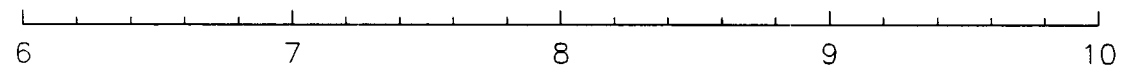
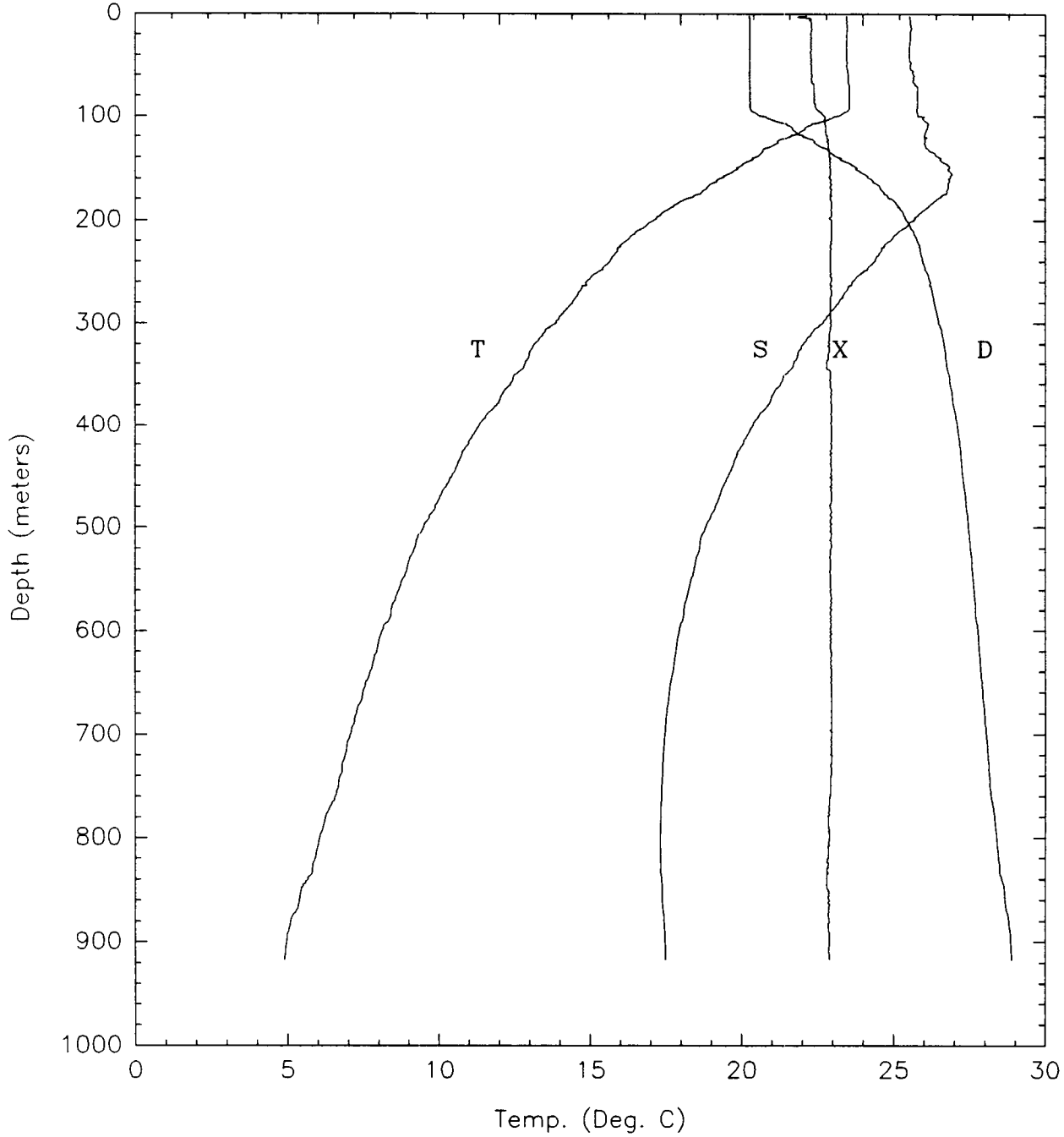
meters	temp	salinity	sigmatheta	xmiss	meters	temp	salinity	sigmatheta	xmiss
631.000	7.8286	34.9640	27.2811	9.057	710.000	6.9764	34.9076	27.3591	9.062
632.000	7.8160	34.9630	27.2822	9.057	711.000	6.9715	34.9072	27.3595	9.062
633.000	7.8085	34.9626	27.2831	9.057	712.000	6.9617	34.9069	27.3607	9.057
634.000	7.8033	34.9622	27.2835	9.063	713.000	6.9521	34.9065	27.3617	9.063
635.000	7.7920	34.9614	27.2846	9.062	714.000	6.9537	34.9062	27.3613	9.062
636.000	7.7839	34.9610	27.2854	9.058	715.000	6.9524	34.9063	27.3615	9.062
637.000	7.7778	34.9598	27.2854	9.063	716.000	6.9479	34.9060	27.3619	9.062
638.000	7.7581	34.9587	27.2874	9.062	717.000	6.9368	34.9056	27.3631	9.062
639.000	7.7371	34.9570	27.2892	9.062	718.000	6.9187	34.9047	27.3649	9.062
640.000	7.7281	34.9560	27.2897	9.062	719.000	6.9019	34.9045	27.3670	9.057
641.000	7.7093	34.9544	27.2912	9.062	720.000	6.9001	34.9043	27.3671	9.065
642.000	7.6960	34.9532	27.2923	9.062	721.000	6.8924	34.9039	27.3679	9.062
644.000	7.6819	34.9521	27.2934	9.062	722.000	6.8812	34.9035	27.3691	9.062
645.000	7.6791	34.9525	27.2942	9.057	723.000	6.8767	34.9034	27.3697	9.062
646.000	7.6660	34.9498	27.2940	9.064	724.000	6.8721	34.9028	27.3698	9.062
647.000	7.6476	34.9490	27.2960	9.062	725.000	6.8511	34.9016	27.3717	9.062
648.000	7.6243	34.9464	27.2974	9.062	726.000	6.8194	34.9012	27.3758	9.062
649.000	7.5875	34.9443	27.3010	9.062	727.000	6.8138	34.9010	27.3764	9.062
650.000	7.5791	34.9449	27.3027	9.057	728.000	6.8050	34.9006	27.3773	9.062
651.000	7.5696	34.9419	27.3018	9.062	729.000	6.8040	34.9004	27.3772	9.057
652.000	7.5649	34.9412	27.3020	9.062	730.000	6.8022	34.9002	27.3774	9.060
653.000	7.5631	34.9410	27.3021	9.062	731.000	6.8016	34.8995	27.3769	9.057
654.000	7.5623	34.9410	27.3021	9.062	732.000	6.7997	34.8997	27.3774	9.063
655.000	7.5535	34.9403	27.3029	9.062	733.000	6.7983	34.8998	27.3776	9.062
656.000	7.5330	34.9394	27.3051	9.062	734.000	6.7979	34.8999	27.3778	9.062
657.000	7.5128	34.9380	27.3070	9.062	735.000	6.7976	34.8998	27.3777	9.062
658.000	7.5013	34.9372	27.3080	9.062	736.000	6.7987	34.8993	27.3772	9.060
659.000	7.4946	34.9366	27.3085	9.062	737.000	6.7967	34.8990	27.3772	9.063
660.000	7.4899	34.9364	27.3090	9.062	738.000	6.7901	34.8993	27.3784	9.062
661.000	7.4846	34.9363	27.3097	9.062	739.000	6.7570	34.8980	27.3818	9.062
662.000	7.4772	34.9355	27.3102	9.062	740.000	6.7409	34.8989	27.3847	9.059
663.000	7.4687	34.9346	27.3107	9.062	741.000	6.7414	34.8983	27.3842	9.057
665.000	7.4555	34.9341	27.3123	9.062	742.000	6.7106	34.8966	27.3871	9.057
666.000	7.4525	34.9333	27.3121	9.062	743.000	6.7054	34.8968	27.3880	9.057
667.000	7.4405	34.9325	27.3131	9.062	744.000	6.7031	34.8965	27.3880	9.057
668.000	7.4316	34.9319	27.3140	9.062	745.000	6.6968	34.8963	27.3887	9.057
669.000	7.4164	34.9316	27.3159	9.062	746.000	6.6902	34.8963	27.3896	9.057
670.000	7.3932	34.9301	27.3180	9.062	747.000	6.6873	34.8962	27.3899	9.057
671.000	7.3685	34.9290	27.3207	9.062	748.000	6.6864	34.8959	27.3898	9.057
672.000	7.3518	34.9276	27.3219	9.062	749.000	6.6843	34.8957	27.3900	9.057
673.000	7.3308	34.9262	27.3238	9.062	750.000	6.6831	34.8959	27.3903	9.057
674.000	7.3146	34.9249	27.3252	9.062	752.000	6.6722	34.8957	27.3917	9.057
675.000	7.3046	34.9242	27.3260	9.062	753.000	6.6646	34.8951	27.3922	9.057
676.000	7.2991	34.9235	27.3262	9.062	754.000	6.6395	34.8949	27.3954	9.057
677.000	7.2923	34.9230	27.3268	9.062	756.000	6.6189	34.8947	27.3981	9.057
678.000	7.2868	34.9225	27.3272	9.062	757.000	6.6167	34.8941	27.3979	9.057
679.000	7.2810	34.9224	27.3280	9.062	758.000	6.6110	34.8938	27.3984	9.057
680.000	7.2736	34.9221	27.3288	9.062	759.000	6.5936	34.8939	27.4008	9.057
681.000	7.2596	34.9206	27.3296	9.062	760.000	6.5845	34.8934	27.4016	9.055
682.000	7.2448	34.9199	27.3311	9.062	762.000	6.5502	34.8931	27.4060	9.052
683.000	7.2299	34.9192	27.3327	9.062	763.000	6.5402	34.8941	27.4081	9.053
684.000	7.2247	34.9192	27.3334	9.062	764.000	6.5386	34.8913	27.4061	9.053
685.000	7.2162	34.9180	27.3337	9.062	765.000	6.4934	34.8915	27.4123	9.053
686.000	7.2173	34.9181	27.3337	9.062	766.000	6.4680	34.8913	27.4155	9.053
687.000	7.2121	34.9176	27.3340	9.062	767.000	6.4645	34.8921	27.4165	9.053
689.000	7.2011	34.9175	27.3355	9.062	768.000	6.4552	34.8906	27.4166	9.053
690.000	7.1972	34.9172	27.3358	9.062	769.000	6.4293	34.8900	27.4196	9.053
691.000	7.1829	34.9160	27.3369	9.062	770.000	6.4077	34.8904	27.4227	9.048
692.000	7.1583	34.9152	27.3397	9.062	771.000	6.4028	34.8898	27.4229	9.053
693.000	7.1280	34.9146	27.3434	9.062	772.000	6.3734	34.8895	27.4265	9.053
694.000	7.1277	34.9147	27.3436	9.062	773.000	6.3588	34.8894	27.4283	9.050
695.000	7.1248	34.9133	27.3429	9.062	774.000	6.3440	34.8892	27.4302	9.052
696.000	7.1145	34.9138	27.3448	9.055	775.000	6.3276	34.8889	27.4320	9.049
697.000	7.1112	34.9135	27.3450	9.064	776.000	6.3054	34.8886	27.4347	9.048
698.000	7.1038	34.9137	27.3462	9.062	777.000	6.2885	34.8883	27.4367	9.052
699.000	7.0953	34.9125	27.3465	9.062	778.000	6.2721	34.8880	27.4386	9.053
700.000	7.0721	34.9117	27.3490	9.062	779.000	6.2624	34.8883	27.4401	9.047
701.000	7.0648	34.9119	27.3502	9.062	780.000	6.2551	34.8880	27.4408	9.048
702.000	7.0615	34.9117	27.3506	9.062	781.000	6.2494	34.8879	27.4415	9.048
703.000	7.0593	34.9106	27.3500	9.062	782.000	6.2450	34.8881	27.4422	9.048
704.000	7.0345	34.9100	27.3530	9.062	783.000	6.2358	34.8884	27.4436	9.048
705.000	7.0113	34.9095	27.3557	9.057	784.000	6.2266	34.8881	27.4446	9.048
706.000	7.0043	34.9091	27.3564	9.063	785.000	6.2216	34.8875	27.4448	9.048
707.000	6.9868	34.9081	27.3581	9.062	786.000	6.2128	34.8875	27.4459	9.048
708.000	6.9811	34.9081	27.3589	9.062	787.000	6.2068	34.8877	27.4469	9.048
709.000	6.9775	34.9082	27.3595	9.062	788.000	6.1994	34.8876	27.4478	9.048

meters	temp	salinity	sigmtheta	xmiss	meters	temp	salinity	sigmtheta	xmiss
789.000	6.1849	34.8871	27.4493	9.048	852.000	5.4447	34.8960	27.5491	9.048
790.000	6.1715	34.8873	27.4512	9.048	853.000	5.4315	34.8965	27.5510	9.052
791.000	6.1685	34.8875	27.4517	9.048	854.000	5.4219	34.8966	27.5522	9.048
792.000	6.1667	34.8872	27.4517	9.050	855.000	5.4164	34.8967	27.5530	9.048
793.000	6.1538	34.8866	27.4529	9.052	856.000	5.4152	34.8963	27.5528	9.054
794.000	6.1405	34.8868	27.4548	9.048	857.000	5.4097	34.8965	27.5537	9.046
795.000	6.1247	34.8876	27.4574	9.052	858.000	5.4003	34.8972	27.5553	9.048
796.000	6.1115	34.8864	27.4582	9.053	859.000	5.4004	34.8969	27.5551	9.048
797.000	6.0891	34.8872	27.4617	9.053	860.000	5.3957	34.8969	27.5557	9.050
798.000	6.0778	34.8863	27.4624	9.053	861.000	5.3901	34.8971	27.5565	9.052
799.000	6.0683	34.8870	27.4642	9.053	863.000	5.3778	34.8977	27.5585	9.047
800.000	6.0577	34.8860	27.4648	9.053	864.000	5.3696	34.8976	27.5594	9.053
801.000	6.0515	34.8861	27.4657	9.053	865.000	5.3556	34.8984	27.5617	9.053
802.000	6.0465	34.8860	27.4662	9.053	866.000	5.3489	34.8988	27.5629	9.053
803.000	6.0384	34.8858	27.4671	9.053	867.000	5.3477	34.8988	27.5630	9.048
804.000	6.0284	34.8863	27.4688	9.048	868.000	5.3455	34.8992	27.5636	9.053
805.000	6.0262	34.8863	27.4690	9.048	869.000	5.3175	34.9000	27.5675	9.050
806.000	6.0245	34.8863	27.4693	9.048	870.000	5.2962	34.9007	27.5706	9.048
807.000	6.0219	34.8862	27.4696	9.053	871.000	5.2782	34.9024	27.5741	9.048
808.000	6.0069	34.8863	27.4716	9.047	872.000	5.2610	34.9013	27.5753	9.051
809.000	5.9936	34.8870	27.4738	9.048	873.000	5.2107	34.9049	27.5841	9.047
810.000	5.9922	34.8867	27.4738	9.048	874.000	5.1877	34.9054	27.5872	9.048
811.000	5.9798	34.8860	27.4748	9.048	875.000	5.1717	34.9060	27.5895	9.048
812.000	5.9706	34.8868	27.4766	9.048	876.000	5.1561	34.9061	27.5914	9.048
813.000	5.9550	34.8869	27.4786	9.048	877.000	5.1307	34.9077	27.5957	9.048
814.000	5.9494	34.8874	27.4797	9.048	878.000	5.1271	34.9062	27.5949	9.054
815.000	5.9444	34.8870	27.4801	9.048	879.000	5.1167	34.9072	27.5969	9.050
816.000	5.9422	34.8866	27.4800	9.048	880.000	5.1163	34.9068	27.5967	9.050
817.000	5.9390	34.8865	27.4804	9.048	881.000	5.1112	34.9069	27.5974	9.053
818.000	5.9315	34.8865	27.4814	9.048	882.000	5.0957	34.9080	27.6001	9.050
819.000	5.9299	34.8867	27.4817	9.048	883.000	5.0913	34.9080	27.6005	9.047
820.000	5.9160	34.8866	27.4834	9.048	884.000	5.0854	34.9084	27.6016	9.048
821.000	5.8930	34.8879	27.4873	9.042	885.000	5.0800	34.9084	27.6022	9.048
822.000	5.8975	34.8876	27.4865	9.046	887.000	5.0620	34.9093	27.6050	9.048
823.000	5.8865	34.8873	27.4877	9.043	888.000	5.0508	34.9097	27.6067	9.048
824.000	5.8564	34.8878	27.4918	9.043	889.000	5.0424	34.9100	27.6079	9.048
825.000	5.8409	34.8876	27.4936	9.049	890.000	5.0417	34.9103	27.6082	9.048
826.000	5.8336	34.8879	27.4948	9.048	891.000	5.0232	34.9108	27.6108	9.053
827.000	5.8315	34.8881	27.4952	9.048	892.000	5.0066	34.9117	27.6133	9.053
828.000	5.8300	34.8875	27.4949	9.045	893.000	4.9957	34.9125	27.6153	9.053
829.000	5.8250	34.8876	27.4956	9.048	894.000	4.9932	34.9120	27.6152	9.053
830.000	5.8222	34.8874	27.4959	9.041	895.000	4.9912	34.9119	27.6153	9.053
831.000	5.8205	34.8876	27.4962	9.043	896.000	4.9897	34.9122	27.6158	9.053
832.000	5.8194	34.8873	27.4961	9.043	897.000	4.9881	34.9120	27.6158	9.053
833.000	5.8192	34.8877	27.4965	9.043	898.000	4.9830	34.9119	27.6163	9.053
834.000	5.8160	34.8879	27.4970	9.048	899.000	4.9787	34.9125	27.6173	9.053
835.000	5.8089	34.8881	27.4981	9.043	900.000	4.9757	34.9127	27.6178	9.053
836.000	5.7683	34.8901	27.5047	9.043	901.000	4.9749	34.9125	27.6178	9.053
837.000	5.7134	34.8921	27.5131	9.043	902.000	4.9694	34.9126	27.6185	9.053
838.000	5.6835	34.8929	27.5175	9.043	903.000	4.9598	34.9135	27.6203	9.053
839.000	5.6737	34.8936	27.5192	9.043	904.000	4.9496	34.9137	27.6217	9.053
840.000	5.6783	34.8932	27.5183	9.043	905.000	4.9457	34.9140	27.6223	9.050
841.000	5.6560	34.8916	27.5198	9.043	906.000	4.9440	34.9140	27.6225	9.048
842.000	5.6034	34.8950	27.5290	9.043	907.000	4.9403	34.9143	27.6232	9.051
843.000	5.5971	34.8954	27.5300	9.043	909.000	4.9362	34.9141	27.6235	9.048
844.000	5.5901	34.8939	27.5297	9.043	910.000	4.9337	34.9142	27.6239	9.048
845.000	5.5111	34.8960	27.5410	9.043	911.000	4.9284	34.9145	27.6247	9.053
846.000	5.5108	34.8973	27.5421	9.043	912.000	4.9180	34.9149	27.6263	9.053
847.000	5.5091	34.8944	27.5400	9.043	913.000	4.9131	34.9150	27.6269	9.053
848.000	5.4533	34.8987	27.5501	9.043	914.000	4.9087	34.9153	27.6276	9.053
849.000	5.4593	34.8974	27.5483	9.043	915.000	4.9041	34.9154	27.6283	9.053
850.000	5.4517	34.8970	27.5489	9.046	916.000	4.9009	34.9155	27.6287	9.053
851.000	5.4459	34.8966	27.5494	9.050	917.000	4.8997	34.9155	27.6289	9.053

Density (Sigma-theta)



Salinity (ppt)



Sta 7

XSM (volts)

ruise: 93G01  
 ate: Wed Jan 13 1993, Julian day = 13  
 ime: 00:30:44 GMT  
 at: 27 42.996 N  
 on: 95 04.423 W  
 tn: 8

meters	temp	salinity	sigmatheta	xmiss	fluor	meters	temp	salinity	sigmatheta	xmiss	fluor
2.000	23.3774	36.2116	24.7445	9.022	2.349	70.000	23.3604	36.2122	24.7542	9.033	2.442
3.000	23.3706	36.2114	24.7466	9.010	2.347	71.000	23.3605	36.2123	24.7543	9.033	2.451
4.000	23.3602	36.2117	24.7498	9.030	2.336	72.000	23.3604	36.2125	24.7545	9.033	2.487
5.000	23.3567	36.2111	24.7505	9.033	2.422	73.000	23.3613	36.2123	24.7542	9.033	2.512
6.000	23.3487	36.2116	24.7533	9.033	2.417	74.000	23.3619	36.2121	24.7540	9.030	2.480
7.000	23.3489	36.2116	24.7533	9.031	2.358	75.000	23.3628	36.2123	24.7539	9.033	2.449
8.000	23.3481	36.2115	24.7535	9.034	2.320	76.000	23.3631	36.2123	24.7539	9.033	2.439
9.000	23.3456	36.2118	24.7545	9.036	2.341	77.000	23.3631	36.2124	24.7540	9.033	2.436
10.000	23.3498	36.2117	24.7533	9.033	2.370	78.000	23.3633	36.2124	24.7540	9.033	2.427
11.000	23.3500	36.2115	24.7531	9.038	2.371	79.000	23.3637	36.2123	24.7539	9.033	2.441
12.000	23.3513	36.2116	24.7529	9.032	2.346	80.000	23.3640	36.2123	24.7539	9.033	2.440
13.000	23.3509	36.2116	24.7530	9.033	2.352	81.000	23.3641	36.2123	24.7539	9.033	2.490
14.000	23.3519	36.2115	24.7528	9.033	2.419	82.000	23.3643	36.2122	24.7538	9.033	2.501
15.000	23.3520	36.2115	24.7528	9.033	2.411	83.000	23.3622	36.2126	24.7548	9.033	2.503
16.000	23.3522	36.2115	24.7527	9.033	2.411	84.000	23.3554	36.2128	24.7570	9.037	2.491
17.000	23.3528	36.2115	24.7527	9.033	2.389	85.000	23.3472	36.2135	24.7600	9.034	2.468
18.000	23.3524	36.2115	24.7529	9.033	2.354	86.000	23.3584	36.2125	24.7560	9.033	2.431
19.000	23.3512	36.2117	24.7534	9.033	2.397	87.000	23.3253	36.2140	24.7669	9.038	2.457
20.000	23.3512	36.2117	24.7534	9.033	2.433	88.000	23.3040	36.2158	24.7745	9.044	2.452
21.000	23.3517	36.2118	24.7535	9.033	2.476	89.000	23.2717	36.2175	24.7853	9.052	2.424
22.000	23.3527	36.2115	24.7531	9.033	2.449	90.000	23.1697	36.2282	24.8232	9.064	2.446
23.000	23.3524	36.2119	24.7535	9.033	2.440	91.000	23.0182	36.2476	24.8820	9.065	2.337
24.000	23.3527	36.2117	24.7533	9.033	2.405	92.000	22.9566	36.2656	24.9135	9.067	2.256
25.000	23.3530	36.2117	24.7533	9.033	2.375	93.000	22.9349	36.2752	24.9272	9.067	2.175
26.000	23.3533	36.2119	24.7534	9.033	2.376	94.000	22.9076	36.2841	24.9418	9.070	2.104
27.000	23.3536	36.2118	24.7533	9.033	2.400	95.000	22.8233	36.3071	24.9837	9.074	2.112
28.000	23.3540	36.2117	24.7532	9.033	2.410	96.000	22.7001	36.3299	25.0365	9.077	2.129
29.000	23.3522	36.2119	24.7539	9.033	2.454	97.000	22.6281	36.3434	25.0675	9.082	2.143
30.000	23.3516	36.2119	24.7542	9.033	2.477	98.000	22.5791	36.3430	25.0813	9.082	2.165
31.000	23.3544	36.2118	24.7533	9.033	2.465	99.000	22.4649	36.3486	25.1182	9.082	2.130
32.000	23.3546	36.2119	24.7534	9.033	2.459	100.000	22.3149	36.3483	25.1608	9.084	2.122
33.000	23.3550	36.2118	24.7532	9.033	2.472	101.000	22.2155	36.3501	25.1904	9.086	2.092
34.000	23.3556	36.2117	24.7530	9.033	2.455	102.000	22.1843	36.3492	25.1986	9.087	2.008
35.000	23.3555	36.2119	24.7533	9.033	2.469	103.000	22.1640	36.3504	25.2053	9.087	2.015
36.000	23.3556	36.2119	24.7534	9.033	2.446	104.000	22.0522	36.3434	25.2316	9.091	1.987
37.000	23.3558	36.2119	24.7533	9.028	2.433	105.000	21.9119	36.3401	25.2686	9.092	1.954
38.000	23.3559	36.2118	24.7533	9.032	2.467	106.000	21.8254	36.3392	25.2924	9.092	1.955
39.000	23.3561	36.2118	24.7533	9.033	2.500	107.000	21.7865	36.3395	25.3035	9.092	2.025
40.000	23.3562	36.2120	24.7535	9.033	2.511	108.000	21.7826	36.3389	25.3042	9.092	2.017
41.000	23.3563	36.2119	24.7534	9.033	2.491	109.000	21.6899	36.3338	25.3263	9.092	1.937
42.000	23.3565	36.2119	24.7534	9.033	2.460	110.000	21.6215	36.3323	25.3442	9.098	1.916
43.000	23.3567	36.2119	24.7534	9.033	2.406	111.000	21.6013	36.3349	25.3519	9.096	1.816
44.000	23.3567	36.2120	24.7535	9.033	2.378	112.000	21.6011	36.3316	25.3496	9.096	1.747
45.000	23.3568	36.2120	24.7536	9.033	2.419	113.000	21.4978	36.3339	25.3800	9.096	1.790
46.000	23.3564	36.2119	24.7537	9.033	2.462	114.000	21.4295	36.3369	25.4013	9.101	1.795
47.000	23.3565	36.2121	24.7538	9.033	2.488	115.000	21.3513	36.3396	25.4251	9.101	1.759
48.000	23.3570	36.2121	24.7538	9.033	2.481	116.000	21.2380	36.3458	25.4611	9.101	1.777
49.000	23.3573	36.2118	24.7535	9.033	2.455	117.000	21.1461	36.3483	25.4883	9.104	1.732
50.000	23.3575	36.2122	24.7539	9.033	2.475	118.000	21.0525	36.3544	25.5187	9.106	1.705
51.000	23.3579	36.2122	24.7538	9.033	2.474	119.000	21.0441	36.3540	25.5207	9.106	1.660
52.000	23.3582	36.2119	24.7536	9.033	2.453	120.000	21.0080	36.3562	25.5323	9.106	1.616
53.000	23.3586	36.2122	24.7537	9.028	2.423	121.000	20.9577	36.3613	25.5500	9.109	1.515
54.000	23.3587	36.2121	24.7537	9.033	2.409	122.000	20.8103	36.3733	25.5994	9.107	1.540
55.000	23.3590	36.2120	24.7536	9.033	2.429	123.000	20.7597	36.3771	25.6161	9.110	1.491
56.000	23.3593	36.2120	24.7535	9.033	2.483	124.000	20.7307	36.3800	25.6263	9.111	1.499
57.000	23.3588	36.2122	24.7538	9.033	2.497	125.000	20.7045	36.3839	25.6364	9.111	1.536
58.000	23.3588	36.2122	24.7539	9.033	2.477	126.000	20.6592	36.3904	25.6536	9.111	1.610
59.000	23.3590	36.2121	24.7539	9.033	2.459	127.000	20.6107	36.4149	25.6856	9.111	1.592
60.000	23.3588	36.2120	24.7539	9.033	2.450	128.000	20.5819	36.4368	25.7100	9.111	1.557
61.000	23.3587	36.2120	24.7540	9.033	2.435	129.000	20.5664	36.4500	25.7244	9.111	1.467
62.000	23.3585	36.2121	24.7542	9.033	2.449	130.000	20.5332	36.4689	25.7478	9.114	1.341
63.000	23.3593	36.2123	24.7542	9.033	2.464	131.000	20.4391	36.4766	25.7790	9.116	1.347
64.000	23.3596	36.2123	24.7541	9.033	2.479	132.000	20.4391	36.4766	25.7790	9.116	1.347
65.000	23.3599	36.2121	24.7540	9.033	2.475	133.000	20.3184	36.4905	25.8221	9.113	1.369
66.000	23.3599	36.2122	24.7541	9.033	2.474	134.000	20.2338	36.5049	25.8558	9.114	1.330
67.000	23.3601	36.2122	24.7542	9.033	2.475	135.000	20.2062	36.5106	25.8676	9.114	1.313
68.000	23.3604	36.2123	24.7542	9.033	2.448	136.000	20.1302	36.5135	25.8901	9.116	1.417
69.000	23.3604	36.2123	24.7542	9.033	2.448	137.000	20.0996	36.5149	25.8994	9.111	1.334
						138.000	20.0537	36.5105	25.9083	9.113	1.355
						139.000	19.7521	36.4870	25.9702	9.111	1.340
						140.000	19.6724	36.4783	25.9846	9.111	1.393
						141.000	19.6106	36.4949	26.0135	9.111	1.372
						142.000	19.5310	36.5125	26.0479	9.111	1.347
						143.000	19.4632	36.5356	26.0833	9.116	1.258
						144.000	19.4774	36.5246	26.0712	9.110	1.308
						145.000	19.3327	36.5292	26.1124	9.116	1.368
							19.2114	36.5147	26.1329	9.112	1.365

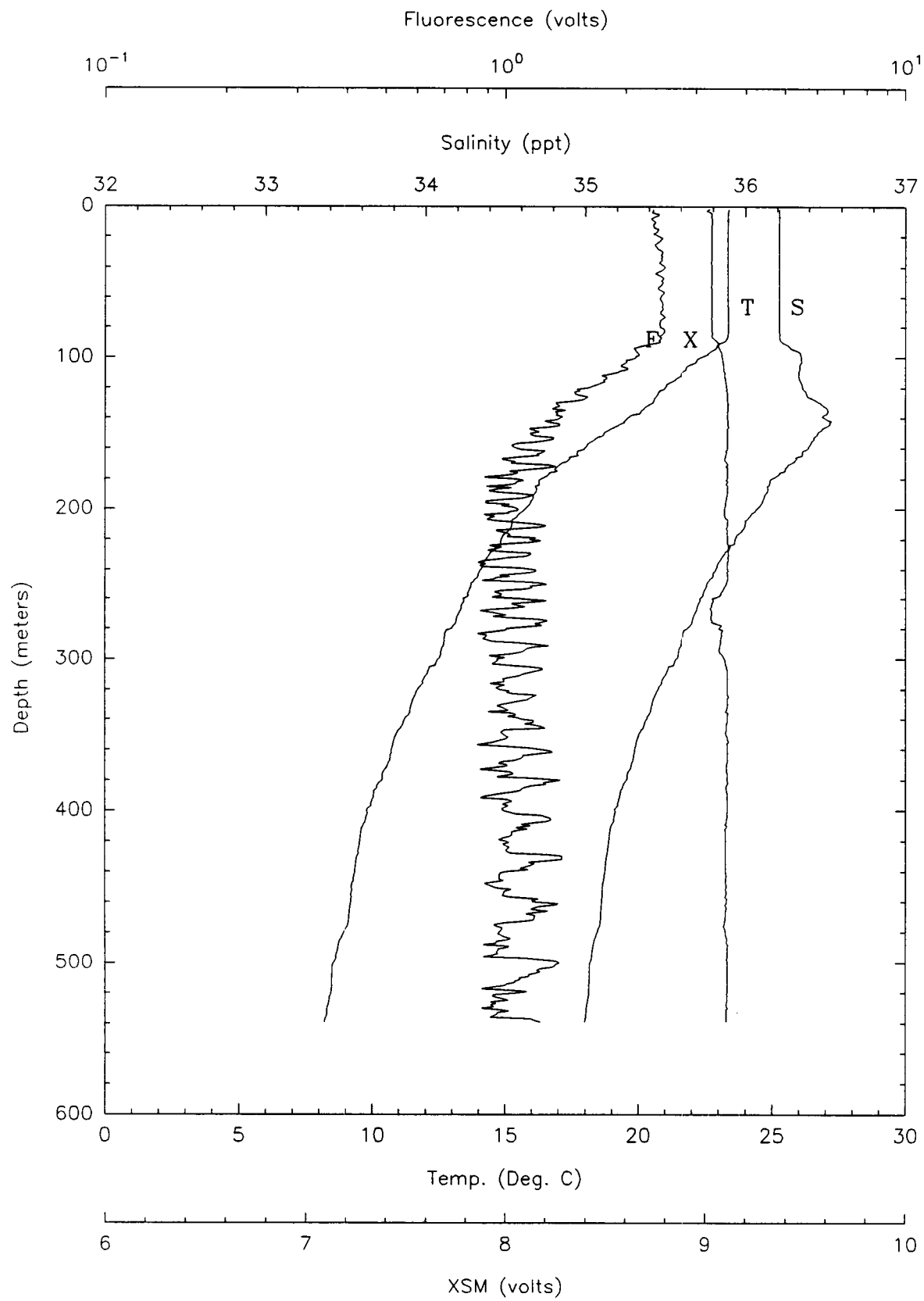
meters	temp	salinity	sigmtheta	xmiss	fluor	meters	temp	salinity	sigmtheta	xmiss	fluor
146.000	19.0888	36.4941	26.1488	9.117	1.282	223.000	14.8442	35.9337	26.7348	9.111	0.997
147.000	18.9861	36.4800	26.1645	9.111	1.149	224.000	14.6542	35.9017	26.7517	9.118	0.914
148.000	18.8942	36.4757	26.1848	9.111	1.178	225.000	14.6518	35.9063	26.7557	9.116	0.980
149.000	18.7629	36.4569	26.2040	9.111	1.217	226.000	14.6056	35.9006	26.7614	9.116	0.958
150.000	18.7032	36.4500	26.2139	9.111	1.156	227.000	14.6265	35.8977	26.7547	9.113	0.905
151.000	18.6968	36.4506	26.2161	9.111	1.161	228.000	14.4601	35.8772	26.7749	9.116	0.983
152.000	18.6509	36.4383	26.2184	9.111	1.194	229.000	14.4298	35.8727	26.7780	9.116	1.155
153.000	18.4571	36.4265	26.2585	9.111	1.320	230.000	14.4062	35.8683	26.7797	9.116	1.160
154.000	18.3586	36.4300	26.2860	9.111	1.317	231.000	14.3642	35.8585	26.7811	9.116	1.123
155.000	18.3087	36.4154	26.2874	9.111	1.258	232.000	14.3087	35.8530	26.7889	9.114	1.016
156.000	18.1893	36.4100	26.3131	9.111	1.178	233.000	14.2800	35.8485	26.7916	9.116	0.965
157.000	18.1113	36.4063	26.3299	9.111	1.067	234.000	14.2542	35.8430	26.7928	9.116	0.884
158.000	18.0820	36.4030	26.3347	9.111	1.039	235.000	14.1784	35.8325	26.8009	9.111	0.855
159.000	18.0352	36.3946	26.3399	9.111	1.048	236.000	14.1480	35.8290	26.8047	9.111	0.893
160.000	17.9631	36.3929	26.3565	9.111	1.066	237.000	14.1356	35.8251	26.8044	9.111	0.864
161.000	17.9465	36.3809	26.3516	9.111	1.103	238.000	14.1314	35.8244	26.8048	9.111	0.876
162.000	17.7198	36.3574	26.3895	9.105	1.258	239.000	14.1265	35.8223	26.8042	9.111	1.089
163.000	17.6991	36.3572	26.3945	9.106	1.238	240.000	14.0700	35.8129	26.8089	9.111	1.188
164.000	17.6921	36.3554	26.3948	9.104	1.201	241.000	14.0273	35.8135	26.8185	9.115	1.194
165.000	17.7456	36.3547	26.3812	9.101	1.215	242.000	14.0206	35.8035	26.8122	9.109	1.169
166.000	17.4030	36.3168	26.4360	9.101	1.057	243.000	13.9799	35.8005	26.8185	9.111	1.096
167.000	17.4163	36.3176	26.4333	9.096	0.982	244.000	13.9780	35.7993	26.8181	9.111	0.969
168.000	17.3610	36.3100	26.4410	9.096	1.009	245.000	13.9686	35.7985	26.8194	9.114	1.027
169.000	17.3088	36.3066	26.4510	9.104	1.063	246.000	13.9464	35.7930	26.8199	9.114	0.946
170.000	17.1116	36.2853	26.4823	9.109	1.033	247.000	13.8816	35.7824	26.8253	9.112	0.941
171.000	17.0242	36.2664	26.4888	9.112	1.289	248.000	13.8162	35.7766	26.8346	9.111	0.876
172.000	16.9601	36.2616	26.5005	9.104	1.335	249.000	13.7787	35.7711	26.8383	9.108	1.103
173.000	16.8958	36.2502	26.5071	9.112	1.270	250.000	13.7215	35.7609	26.8423	9.106	1.238
174.000	16.8535	36.2516	26.5183	9.111	1.164	251.000	13.7230	35.7603	26.8416	9.106	1.272
175.000	16.9462	36.2454	26.4915	9.111	1.026	252.000	13.7165	35.7597	26.8425	9.100	1.156
176.000	16.6718	36.2138	26.5325	9.111	1.077	253.000	13.6859	35.7537	26.8442	9.095	1.168
177.000	16.6345	36.2115	26.5395	9.111	1.049	254.000	13.6648	35.7506	26.8463	9.091	1.133
178.000	16.5788	36.2005	26.5442	9.111	0.983	255.000	13.6494	35.7468	26.8466	9.089	0.977
179.000	16.4747	36.1867	26.5581	9.111	0.888	256.000	13.6147	35.7414	26.8496	9.083	0.941
180.000	16.3329	36.1620	26.5723	9.111	1.070	257.000	13.5902	35.7382	26.8523	9.078	0.977
181.000	16.2686	36.1526	26.5801	9.104	1.111	258.000	13.6018	35.7384	26.8500	9.075	0.975
182.000	16.2539	36.1522	26.5832	9.113	1.066	259.000	13.5349	35.7243	26.8530	9.058	0.928
183.000	16.2510	36.1515	26.5834	9.107	1.060	260.000	13.4161	35.7180	26.8727	9.035	1.082
184.000	16.2850	36.1484	26.5732	9.106	1.015	261.000	13.4494	35.7190	26.8666	9.043	1.269
185.000	16.1245	36.1364	26.6012	9.114	0.898	262.000	13.4270	35.7127	26.8664	9.038	1.164
186.000	16.1772	36.1415	26.5929	9.111	1.035	263.000	13.3825	35.7087	26.8724	9.032	1.039
187.000	16.1696	36.1401	26.5937	9.111	0.950	264.000	13.3651	35.7058	26.8738	9.033	1.064
188.000	16.1737	36.1394	26.5922	9.111	0.911	265.000	13.3469	35.7018	26.8745	9.033	1.120
189.000	16.1390	36.1356	26.5974	9.111	0.973	266.000	13.3379	35.7003	26.8752	9.026	1.054
190.000	16.0939	36.1283	26.6022	9.111	1.095	267.000	13.3315	35.6991	26.8755	9.028	0.929
191.000	16.0518	36.1215	26.6067	9.108	1.178	268.000	13.3111	35.6947	26.8764	9.033	0.868
193.000	16.0426	36.1169	26.6054	9.106	1.104	269.000	13.2706	35.6888	26.8801	9.033	0.929
194.000	16.0152	36.1128	26.6085	9.106	0.973	271.000	13.2140	35.6807	26.8854	9.033	1.004
195.000	15.9767	36.1082	26.6139	9.103	0.895	272.000	13.1982	35.6787	26.8871	9.028	0.934
196.000	15.9443	36.1046	26.6187	9.101	0.894	273.000	13.1733	35.6748	26.8891	9.028	1.014
197.000	15.9161	36.0971	26.6194	9.101	1.024	274.000	13.1548	35.6713	26.8903	9.028	1.223
198.000	15.8657	36.0922	26.6272	9.101	0.980	275.000	13.1471	35.6697	26.8906	9.034	1.274
199.000	15.8203	36.0833	26.6308	9.099	1.047	276.000	13.1408	35.6682	26.8908	9.033	1.241
200.000	15.7386	36.0714	26.6402	9.097	1.077	277.000	13.1271	35.6653	26.8913	9.051	1.189
201.000	15.6832	36.0631	26.6465	9.096	1.074	278.000	13.0640	35.6581	26.8985	9.082	1.236
202.000	15.6445	36.0568	26.6505	9.096	1.022	280.000	12.9722	35.6370	26.9007	9.069	1.008
203.000	15.5480	36.0436	26.6622	9.096	1.018	281.000	12.7921	35.6183	26.9223	9.086	1.001
204.000	15.4985	36.0362	26.6677	9.096	0.887	283.000	12.7183	35.6084	26.9294	9.080	0.855
205.000	15.4464	36.0278	26.6730	9.096	0.942	284.000	12.7448	35.6119	26.9269	9.082	0.899
206.000	15.3868	36.0196	26.6801	9.101	0.912	285.000	12.7289	35.6088	26.9277	9.082	0.896
207.000	15.2778	36.0123	26.6989	9.110	0.902	286.000	12.7066	35.6045	26.9288	9.077	0.879
208.000	15.2458	35.9984	26.6954	9.112	0.958	288.000	12.7009	35.6030	26.9288	9.077	0.928
209.000	15.2475	36.0002	26.6964	9.111	1.095	289.000	12.6993	35.6028	26.9290	9.077	1.077
210.000	15.2485	35.9991	26.6954	9.111	1.201	290.000	12.6815	35.6005	26.9308	9.077	1.167
211.000	15.2396	35.9978	26.6964	9.111	1.266	291.000	12.6819	35.5998	26.9301	9.074	1.289
212.000	15.2314	35.9963	26.6971	9.111	1.235	292.000	12.6246	35.5909	26.9346	9.072	1.172
213.000	15.1977	35.9907	26.7004	9.107	1.061	293.000	12.6112	35.5877	26.9349	9.072	1.133
214.000	15.1244	35.9801	26.7085	9.111	0.950	294.000	12.5909	35.5855	26.9372	9.068	1.118
215.000	15.0787	35.9733	26.7134	9.111	0.976	295.000	12.5820	35.5856	26.9390	9.072	1.107
216.000	15.0118	35.9634	26.7206	9.109	1.012	296.000	12.5761	35.5825	26.9378	9.072	1.070
217.000	14.9402	35.9509	26.7268	9.111	1.028	297.000	12.5684	35.5824	26.9393	9.083	1.019
218.000	14.8900	35.9458	26.7340	9.111	1.011	298.000	12.5673	35.5824	26.9395	9.087	0.911
219.000	14.8660	35.9397	26.7345	9.111	1.193	299.000	12.5479	35.5788	26.9406	9.092	0.998
220.000	14.8433	35.9378	26.7381	9.111	1.152	300.000	12.4703	35.5674	26.9470	9.096	0.955
221.000	14.8340	35.9345	26.7376	9.111	1.226	301.000	12.4273	35.5617	26.9510	9.100	0.957
222.000	14.8211	35.9331	26.7393	9.111	1.175	303.000	12.3799	35.5576	26.9571	9.101	0.929

meters	temp	salinity	sigmatheta	xmiss	fluor	meters	temp	salinity	sigmatheta	xmiss	fluor
304.000	12.3883	35.5524	26.9515	9.101	1.024	389.000	10.0474	35.2197	27.1238	9.110	0.975
305.000	12.1516	35.5214	26.9736	9.109	1.150	391.000	10.0406	35.2195	27.1248	9.111	0.882
306.000	12.1564	35.5213	26.9725	9.106	1.236	392.000	10.0258	35.2143	27.1234	9.108	0.870
307.000	12.1132	35.5179	26.9782	9.111	1.240	393.000	9.9903	35.2109	27.1268	9.111	1.011
310.000	12.0516	35.5053	26.9803	9.111	1.104	394.000	9.9785	35.2092	27.1275	9.111	1.038
311.000	12.0124	35.4989	26.9829	9.111	1.089	396.000	9.9401	35.2031	27.1293	9.111	0.985
312.000	11.9583	35.4910	26.9871	9.111	1.025	397.000	9.9567	35.2061	27.1288	9.111	1.016
313.000	11.9250	35.4860	26.9896	9.111	0.985	399.000	9.8009	35.1843	27.1383	9.111	0.981
315.000	11.8742	35.4797	26.9944	9.111	0.994	400.000	9.8038	35.1873	27.1401	9.111	0.989
316.000	11.8911	35.4806	26.9920	9.111	0.919	401.000	9.7943	35.1871	27.1416	9.111	1.019
317.000	11.8403	35.4732	26.9958	9.111	0.997	402.000	9.8168	35.1870	27.1377	9.109	1.065
319.000	11.7470	35.4589	27.0025	9.111	0.948	403.000	9.7803	35.1833	27.1410	9.111	1.231
320.000	11.7040	35.4585	27.0103	9.111	0.965	404.000	9.7688	35.1817	27.1417	9.111	1.262
321.000	11.6697	35.4480	27.0086	9.111	1.025	405.000	9.7556	35.1799	27.1425	9.108	1.295
322.000	11.6494	35.4463	27.0111	9.111	1.009	406.000	9.7426	35.1784	27.1436	9.106	1.298
323.000	11.6385	35.4437	27.0112	9.111	1.048	407.000	9.7308	35.1778	27.1451	9.106	1.273
324.000	11.6068	35.4387	27.0133	9.111	1.198	408.000	9.7063	35.1721	27.1448	9.106	1.173
325.000	11.5751	35.4333	27.0150	9.117	1.169	409.000	9.6651	35.1666	27.1475	9.100	1.099
326.000	11.5459	35.4297	27.0177	9.111	1.150	410.000	9.6542	35.1650	27.1480	9.108	1.155
327.000	11.5251	35.4265	27.0191	9.111	1.141	411.000	9.6000	35.1575	27.1512	9.106	1.066
328.000	11.5033	35.4253	27.0223	9.111	1.085	412.000	9.5905	35.1574	27.1527	9.100	1.138
329.000	11.4895	35.4213	27.0218	9.111	1.030	413.000	9.5861	35.1571	27.1532	9.101	1.071
330.000	11.4672	35.4182	27.0236	9.111	0.984	414.000	9.5683	35.1541	27.1539	9.101	1.039
331.000	11.4493	35.4158	27.0250	9.111	0.954	415.000	9.5609	35.1531	27.1543	9.101	1.038
332.000	11.4403	35.4146	27.0257	9.111	0.979	416.000	9.5573	35.1517	27.1539	9.101	1.038
334.000	11.4178	35.4116	27.0277	9.106	1.020	417.000	9.5539	35.1520	27.1547	9.101	1.024
335.000	11.4134	35.4096	27.0270	9.101	0.908	418.000	9.5512	35.1517	27.1549	9.101	0.986
336.000	11.3924	35.4067	27.0286	9.115	1.046	419.000	9.5342	35.1495	27.1561	9.101	0.964
337.000	11.3585	35.4003	27.0299	9.111	1.065	420.000	9.5265	35.1490	27.1569	9.101	1.006
338.000	11.2852	35.3916	27.0368	9.111	1.016	421.000	9.5141	35.1473	27.1577	9.101	1.021
339.000	11.2447	35.3858	27.0396	9.111	1.076	422.000	9.5087	35.1465	27.1580	9.101	0.989
340.000	11.2279	35.3865	27.0433	9.111	1.096	423.000	9.5067	35.1460	27.1579	9.101	1.002
341.000	11.1924	35.3793	27.0443	9.111	1.176	424.000	9.4977	35.1440	27.1579	9.101	1.025
342.000	11.1717	35.3757	27.0453	9.111	1.175	425.000	9.4799	35.1431	27.1602	9.101	1.012
343.000	11.1564	35.3729	27.0459	9.107	1.120	426.000	9.4733	35.1419	27.1603	9.101	1.005
344.000	11.1242	35.3698	27.0494	9.106	1.186	427.000	9.4651	35.1410	27.1610	9.101	1.007
345.000	11.0983	35.3664	27.0515	9.106	1.234	428.000	9.4753	35.1412	27.1595	9.101	1.033
346.000	11.0590	35.3623	27.0555	9.106	1.261	429.000	9.4513	35.1375	27.1606	9.101	1.272
347.000	10.9962	35.3505	27.0577	9.106	0.993	430.000	9.4277	35.1354	27.1628	9.101	1.386
348.000	10.9552	35.3476	27.0629	9.106	0.983	432.000	9.3973	35.1310	27.1644	9.101	1.387
349.000	10.9308	35.3438	27.0643	9.101	0.975	433.000	9.3918	35.1308	27.1652	9.101	1.281
350.000	10.8993	35.3378	27.0654	9.105	0.991	434.000	9.3847	35.1294	27.1653	9.101	1.146
351.000	10.8659	35.3328	27.0675	9.106	1.002	435.000	9.3804	35.1287	27.1654	9.101	1.184
352.000	10.8463	35.3300	27.0689	9.110	1.015	436.000	9.3746	35.1280	27.1658	9.101	1.156
353.000	10.8353	35.3277	27.0691	9.111	1.005	438.000	9.3577	35.1259	27.1671	9.101	1.092
354.000	10.8204	35.3256	27.0701	9.111	0.972	439.000	9.3508	35.1250	27.1674	9.101	1.143
355.000	10.7897	35.3216	27.0726	9.117	0.938	440.000	9.3594	35.1250	27.1661	9.101	1.001
356.000	10.7808	35.3197	27.0726	9.109	0.893	441.000	9.3371	35.1225	27.1678	9.101	0.972
357.000	10.7738	35.3185	27.0730	9.111	0.854	443.000	9.3011	35.1197	27.1715	9.106	0.964
358.000	10.7570	35.3156	27.0738	9.111	0.992	444.000	9.2966	35.1190	27.1718	9.103	0.968
359.000	10.7439	35.3138	27.0748	9.111	1.165	445.000	9.2960	35.1180	27.1711	9.101	0.966
361.000	10.7161	35.3096	27.0765	9.111	1.300	446.000	9.3024	35.1178	27.1699	9.103	0.990
362.000	10.7188	35.3099	27.0762	9.111	1.315	448.000	9.2251	35.1105	27.1768	9.101	0.889
364.000	10.6692	35.3037	27.0803	9.111	1.108	449.000	9.2260	35.1102	27.1764	9.106	0.910
365.000	10.6721	35.3032	27.0795	9.111	1.105	451.000	9.2146	35.1090	27.1774	9.106	0.951
366.000	10.6638	35.3021	27.0800	9.111	1.095	452.000	9.2507	35.1113	27.1734	9.100	1.035
367.000	10.6688	35.3022	27.0793	9.111	1.058	453.000	9.2245	35.1077	27.1748	9.107	0.997
368.000	10.6242	35.2959	27.0823	9.111	0.978	454.000	9.2087	35.1071	27.1769	9.106	0.992
369.000	10.5968	35.2932	27.0851	9.111	0.965	456.000	9.2011	35.1066	27.1778	9.104	0.987
370.000	10.5732	35.2902	27.0869	9.107	1.007	457.000	9.2221	35.1074	27.1750	9.100	1.031
371.000	10.5575	35.2883	27.0882	9.106	1.010	458.000	9.1942	35.1042	27.1771	9.109	1.210
372.000	10.5289	35.2851	27.0908	9.106	0.926	459.000	9.1833	35.1047	27.1792	9.106	1.169
373.000	10.4815	35.2829	27.0975	9.106	0.864	460.000	9.1841	35.1039	27.1785	9.106	1.173
374.000	10.4365	35.2747	27.0990	9.108	0.956	461.000	9.1838	35.1040	27.1786	9.106	1.359
375.000	10.4074	35.2688	27.0995	9.106	1.036	462.000	9.1726	35.1021	27.1790	9.100	1.337
376.000	10.3935	35.2662	27.0999	9.110	1.046	463.000	9.1636	35.1023	27.1806	9.104	1.222
378.000	10.3679	35.2620	27.1012	9.111	0.957	464.000	9.1550	35.1005	27.1806	9.107	1.181
379.000	10.3823	35.2642	27.1004	9.109	1.182	465.000	9.1542	35.1004	27.1807	9.106	1.162
380.000	10.3731	35.2601	27.0988	9.109	1.374	466.000	9.1471	35.0997	27.1813	9.101	1.279
382.000	10.2393	35.2441	27.1096	9.112	1.249	467.000	9.1393	35.0995	27.1825	9.101	1.190
383.000	10.2166	35.2413	27.1114	9.111	1.263	468.000	9.1369	35.1000	27.1833	9.101	1.130
384.000	10.1758	35.2370	27.1151	9.107	1.166	469.000	9.1266	35.0976	27.1831	9.101	1.188
385.000	10.1763	35.2359	27.1142	9.104	1.115	470.000	9.1229	35.0978	27.1838	9.101	1.184
386.000	10.1430	35.2313	27.1164	9.106	1.101	471.000	9.1200	35.0976	27.1841	9.098	1.181
387.000	10.0712	35.2239	27.1230	9.106	1.095	472.000	9.1178	35.0972	27.1842	9.101	1.179
388.000	10.0632	35.2214	27.1224	9.106	1.052	473.000	9.1093	35.0966	27.1851	9.096	1.107

meters	temp	salinity	sigmatheta	xmiss	fluor	meters	temp	salinity	sigmatheta	xmiss	fluor
74.000	9.0989	35.0955	27.1859	9.096	0.993	507.000	8.4903	35.0281	27.2297	9.111	1.190
75.000	9.0862	35.0942	27.1870	9.096	0.939	508.000	8.4899	35.0279	27.2296	9.111	1.146
76.000	9.0685	35.0923	27.1884	9.092	0.949	509.000	8.4872	35.0276	27.2299	9.111	1.145
77.000	9.0281	35.0870	27.1907	9.095	0.984	510.000	8.4847	35.0274	27.2301	9.111	1.086
78.000	8.9818	35.0818	27.1941	9.099	0.982	511.000	8.4811	35.0269	27.2303	9.111	1.092
79.000	8.9413	35.0786	27.1981	9.101	0.964	512.000	8.4749	35.0263	27.2307	9.111	1.059
80.000	8.9148	35.0727	27.1977	9.101	0.959	513.000	8.4712	35.0262	27.2313	9.111	1.053
81.000	8.8877	35.0697	27.1996	9.101	0.979	514.000	8.4701	35.0262	27.2315	9.111	1.007
82.000	8.8507	35.0660	27.2027	9.107	0.998	515.000	8.4705	35.0259	27.2312	9.111	1.000
83.000	8.8290	35.0620	27.2030	9.106	1.032	516.000	8.4707	35.0256	27.2309	9.111	0.939
84.000	8.7800	35.0568	27.2067	9.111	1.013	517.000	8.4687	35.0257	27.2313	9.111	0.875
85.000	8.7641	35.0563	27.2088	9.107	0.951	518.000	8.4621	35.0249	27.2318	9.111	1.016
86.000	8.7494	35.0539	27.2093	9.106	0.949	519.000	8.4603	35.0252	27.2323	9.111	1.133
87.000	8.7299	35.0507	27.2098	9.113	0.882	520.000	8.4545	35.0248	27.2329	9.111	1.083
88.000	8.7247	35.0505	27.2105	9.111	1.022	521.000	8.4376	35.0235	27.2345	9.108	0.937
89.000	8.7178	35.0497	27.2109	9.111	1.015	522.000	8.4123	35.0206	27.2361	9.110	0.931
90.000	8.7092	35.0493	27.2120	9.111	0.961	523.000	8.3948	35.0186	27.2372	9.111	0.955
91.000	8.6934	35.0467	27.2125	9.111	0.959	524.000	8.3876	35.0179	27.2378	9.108	0.989
92.000	8.6852	35.0456	27.2129	9.111	0.951	525.000	8.3846	35.0174	27.2379	9.110	1.020
93.000	8.6608	35.0426	27.2144	9.111	0.959	526.000	8.3756	35.0154	27.2377	9.108	0.921
94.000	8.6462	35.0415	27.2158	9.111	0.925	527.000	8.3508	35.0138	27.2403	9.106	0.950
95.000	8.6433	35.0412	27.2160	9.111	0.883	528.000	8.3466	35.0134	27.2406	9.106	0.920
96.000	8.6393	35.0402	27.2160	9.111	1.123	529.000	8.3134	35.0104	27.2434	9.106	0.936
97.000	8.6198	35.0386	27.2177	9.106	1.226	530.000	8.3015	35.0088	27.2439	9.112	0.873
98.000	8.5925	35.0350	27.2192	9.111	1.342	531.000	8.3053	35.0085	27.2431	9.105	0.964
99.000	8.5490	35.0300	27.2220	9.111	1.369	532.000	8.2936	35.0076	27.2442	9.106	1.021
100.000	8.5102	35.0279	27.2264	9.111	1.341	533.000	8.2905	35.0074	27.2445	9.106	0.960
101.000	8.5026	35.0282	27.2278	9.111	1.332	534.000	8.2913	35.0069	27.2441	9.106	0.951
102.000	8.5020	35.0276	27.2275	9.111	1.317	536.000	8.2593	35.0041	27.2468	9.106	0.919
103.000	8.4966	35.0265	27.2274	9.111	1.218	537.000	8.2349	35.0026	27.2493	9.106	1.160
104.000	8.4931	35.0272	27.2285	9.111	1.202	538.000	8.2087	34.9995	27.2508	9.106	1.192
105.000	8.4910	35.0279	27.2294	9.111	1.225	539.000	8.2009	34.9985	27.2513	9.106	1.228



## Cruise 93G01



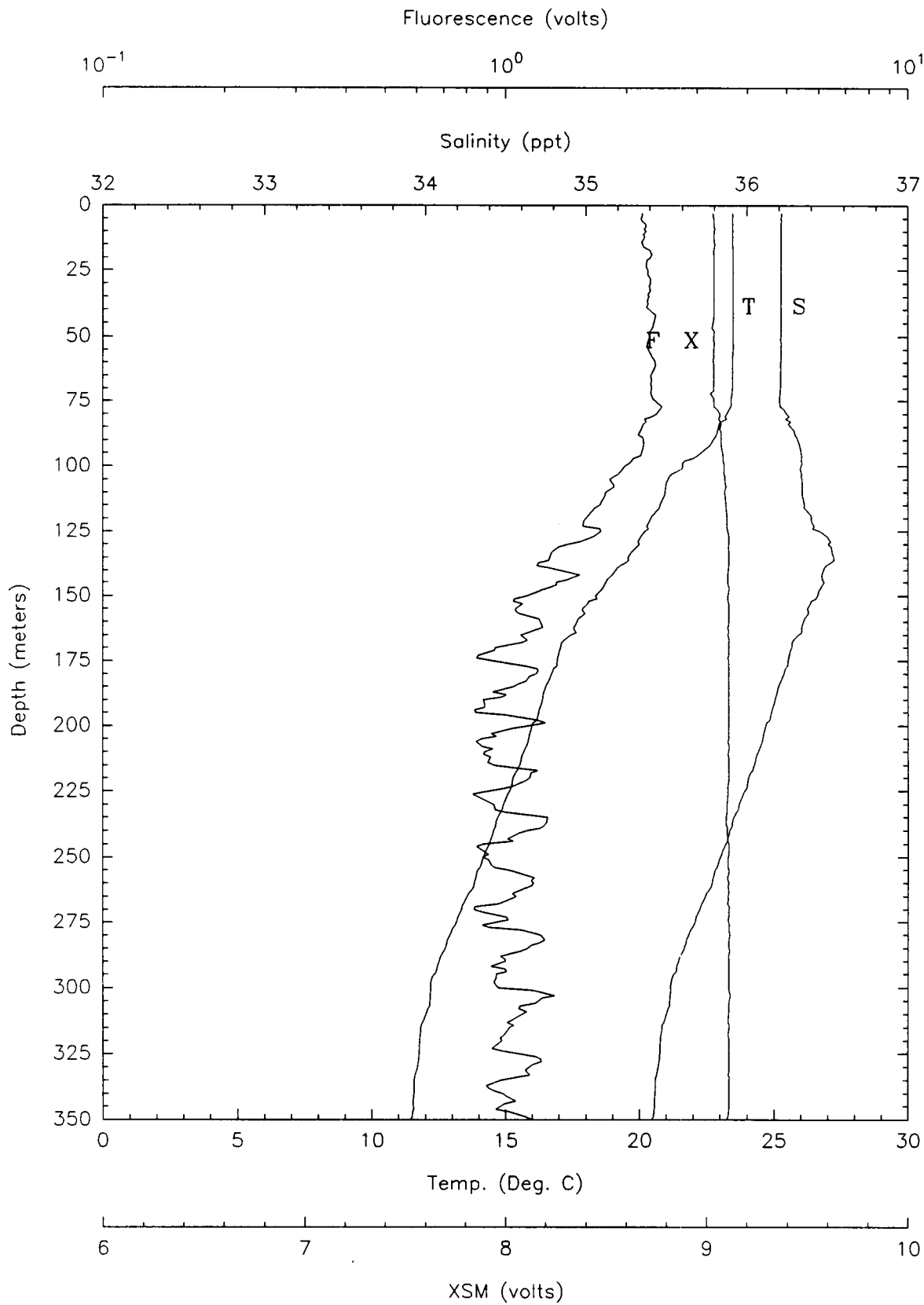
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meters temp salinity sigmatheta xmiss fluor

Table with 7 columns: meters, temp, salinity, sigmatheta, xmiss, fluor. The table contains a vertical column of values from 3.000 to 84.000 on the left, and another vertical column of values from 86.000 to 192.000 on the right. Each row contains 7 data points. The 'temp', 'salinity', and 'sigmatheta' columns show a general decreasing trend from top to bottom, while 'xmiss' and 'fluor' show a general increasing trend.

meters	temp	salinity	sigmatheta	xmiss	fluor	meters	temp	salinity	sigmatheta	xmiss	fluor
193.000	16.2929	36.1626	26.5826	9.111	0.886	274.000	13.2077	35.6840	26.8893	9.106	1.015
194.000	16.2671	36.1579	26.5850	9.111	0.840	276.000	13.1363	35.6727	26.8952	9.113	0.878
195.000	16.2404	36.1534	26.5878	9.111	0.842	277.000	13.0618	35.6630	26.9028	9.111	0.908
196.000	16.2263	36.1511	26.5893	9.111	0.991	278.000	12.9968	35.6522	26.9075	9.111	1.099
198.000	16.1724	36.1431	26.5957	9.111	1.198	280.000	12.9254	35.6396	26.9121	9.116	1.223
199.000	16.0361	36.1240	26.6126	9.111	1.256	282.000	12.8343	35.6258	26.9198	9.110	1.253
200.000	15.9831	36.1175	26.6198	9.111	1.139	283.000	12.7989	35.6231	26.9248	9.111	1.209
201.000	15.9699	36.1148	26.6208	9.111	1.044	284.000	12.7806	35.6170	26.9237	9.111	1.157
203.000	15.9144	36.1049	26.6260	9.111	0.924	285.000	12.7473	35.6117	26.9262	9.111	1.138
204.000	15.8803	36.1025	26.6320	9.111	0.950	286.000	12.7007	35.6041	26.9296	9.115	1.098
205.000	15.8627	36.0997	26.6339	9.111	0.871	288.000	12.5806	35.5889	26.9416	9.109	0.973
206.000	15.8467	36.0949	26.6339	9.107	0.847	289.000	12.5348	35.5812	26.9447	9.111	0.998
208.000	15.7723	36.0848	26.6432	9.112	0.874	290.000	12.5202	35.5775	26.9448	9.111	0.999
209.000	15.7374	36.0785	26.6463	9.111	0.932	292.000	12.4482	35.5660	26.9500	9.111	0.921
210.000	15.6888	36.0726	26.6529	9.111	0.889	293.000	12.4315	35.5648	26.9524	9.111	0.999
211.000	15.6324	36.0632	26.6585	9.107	0.882	294.000	12.4098	35.5624	26.9548	9.111	1.004
212.000	15.6005	36.0582	26.6619	9.110	0.918	295.000	12.3468	35.5486	26.9565	9.111	0.950
214.000	15.5612	36.0515	26.6657	9.111	0.904	296.000	12.2558	35.5384	26.9662	9.111	0.950
215.000	15.5251	36.0460	26.6696	9.111	0.938	298.000	12.2116	35.5304	26.9686	9.111	0.937
216.000	15.4811	36.0409	26.6756	9.111	1.046	300.000	12.2025	35.5276	26.9683	9.111	0.960
217.000	15.4491	36.0387	26.6812	9.111	1.204	301.000	12.2006	35.5297	26.9703	9.111	1.167
218.000	15.3753	36.0236	26.6862	9.111	1.157	303.000	12.1831	35.5243	26.9696	9.118	1.324
220.000	15.2876	36.0102	26.6956	9.111	1.148	304.000	12.1797	35.5239	26.9699	9.116	1.235
221.000	15.2673	36.0063	26.6972	9.111	1.124	306.000	12.1627	35.5214	26.9713	9.110	1.187
223.000	15.2231	36.0001	26.7023	9.106	1.050	307.000	12.1580	35.5210	26.9720	9.111	1.086
224.000	15.2106	36.0007	26.7055	9.106	1.000	308.000	12.0993	35.5124	26.9766	9.111	1.080
225.000	15.1622	35.9876	26.7063	9.106	0.911	309.000	12.0608	35.5060	26.9790	9.111	1.126
226.000	15.0939	35.9763	26.7127	9.106	0.829	313.000	11.8997	35.4857	26.9942	9.106	1.010
230.000	14.9186	35.9509	26.7320	9.102	0.935	314.000	11.8504	35.4744	26.9948	9.112	1.048
232.000	14.8662	35.9464	26.7401	9.101	0.943	315.000	11.8339	35.4720	26.9961	9.111	1.021
233.000	14.8264	35.9369	26.7415	9.101	0.995	316.000	11.8212	35.4722	26.9987	9.111	1.012
235.000	14.7152	35.9179	26.7512	9.096	1.271	318.000	11.8107	35.4679	26.9974	9.106	0.990
237.000	14.6456	35.9104	26.7606	9.096	1.268	319.000	11.7992	35.4641	26.9967	9.111	0.971
238.000	14.6444	35.9097	26.7604	9.096	1.251	320.000	11.7888	35.4631	26.9978	9.111	0.977
239.000	14.6082	35.9024	26.7627	9.103	1.226	322.000	11.7794	35.4619	26.9987	9.111	0.941
240.000	14.5601	35.8932	26.7660	9.101	1.136	323.000	11.7794	35.4616	26.9986	9.111	0.926
241.000	14.5371	35.8904	26.7689	9.101	1.077	324.000	11.7755	35.4609	26.9987	9.111	0.991
243.000	14.4661	35.8812	26.7772	9.107	1.013	326.000	11.7633	35.4582	26.9990	9.111	1.190
244.000	14.4325	35.8795	26.7831	9.106	1.047	327.000	11.7608	35.4586	26.9998	9.111	1.224
245.000	14.3950	35.8681	26.7824	9.111	0.880	328.000	11.7446	35.4551	27.0002	9.111	1.228
246.000	14.3562	35.8617	26.7859	9.111	0.848	329.000	11.7257	35.4527	27.0019	9.111	1.167
248.000	14.2509	35.8455	26.7959	9.111	0.886	331.000	11.6854	35.4459	27.0043	9.111	1.121
249.000	14.2247	35.8437	26.8002	9.111	0.909	332.000	11.6526	35.4422	27.0076	9.111	1.131
250.000	14.1801	35.8356	26.8035	9.106	0.876	333.000	11.6195	35.4410	27.0129	9.106	1.150
251.000	14.1422	35.8297	26.8070	9.106	0.909	334.000	11.5897	35.4336	27.0128	9.112	1.062
253.000	14.0951	35.8220	26.8111	9.106	0.922	335.000	11.5811	35.4326	27.0136	9.111	0.973
254.000	14.0636	35.8156	26.8128	9.106	0.942	337.000	11.5764	35.4321	27.0141	9.111	0.897
255.000	13.9598	35.8018	26.8242	9.111	1.015	338.000	11.5727	35.4316	27.0144	9.111	0.905
256.000	13.9336	35.7984	26.8271	9.111	1.076	339.000	11.5733	35.4312	27.0141	9.111	0.935
258.000	13.8949	35.7900	26.8288	9.105	1.182	340.000	11.5724	35.4297	27.0131	9.111	0.985
259.000	13.8600	35.7867	26.8336	9.106	1.160	341.000	11.5609	35.4283	27.0142	9.111	1.002
260.000	13.8479	35.7847	26.8346	9.111	1.174	343.000	11.5350	35.4254	27.0168	9.111	1.059
261.000	13.8302	35.7809	26.8354	9.107	1.162	344.000	11.5364	35.4253	27.0165	9.111	0.990
262.000	13.7877	35.7721	26.8375	9.109	1.117	346.000	11.5527	35.4254	27.0136	9.111	0.947
264.000	13.6301	35.7485	26.8522	9.111	1.041	347.000	11.5177	35.4217	27.0172	9.108	1.022
265.000	13.5738	35.7421	26.8589	9.107	1.065	349.000	11.5148	35.4215	27.0177	9.106	1.123
266.000	13.5261	35.7360	26.8641	9.109	1.033	350.000	11.4362	35.4086	27.0223	9.099	1.167
268.000	13.4210	35.7199	26.8734	9.104	0.962	352.000	11.3111	35.3975	27.0369	9.090	1.254
269.000	13.3860	35.7136	26.8757	9.112	0.839	353.000	11.3620	35.3973	27.0274	9.092	1.179
270.000	13.3595	35.7087	26.8774	9.111	0.836	354.000	11.3099	35.3933	27.0339	9.092	1.159
271.000	13.3146	35.7020	26.8814	9.111	0.871	356.000	11.3045	35.3896	27.0320	9.086	1.018
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Cruise 93G01



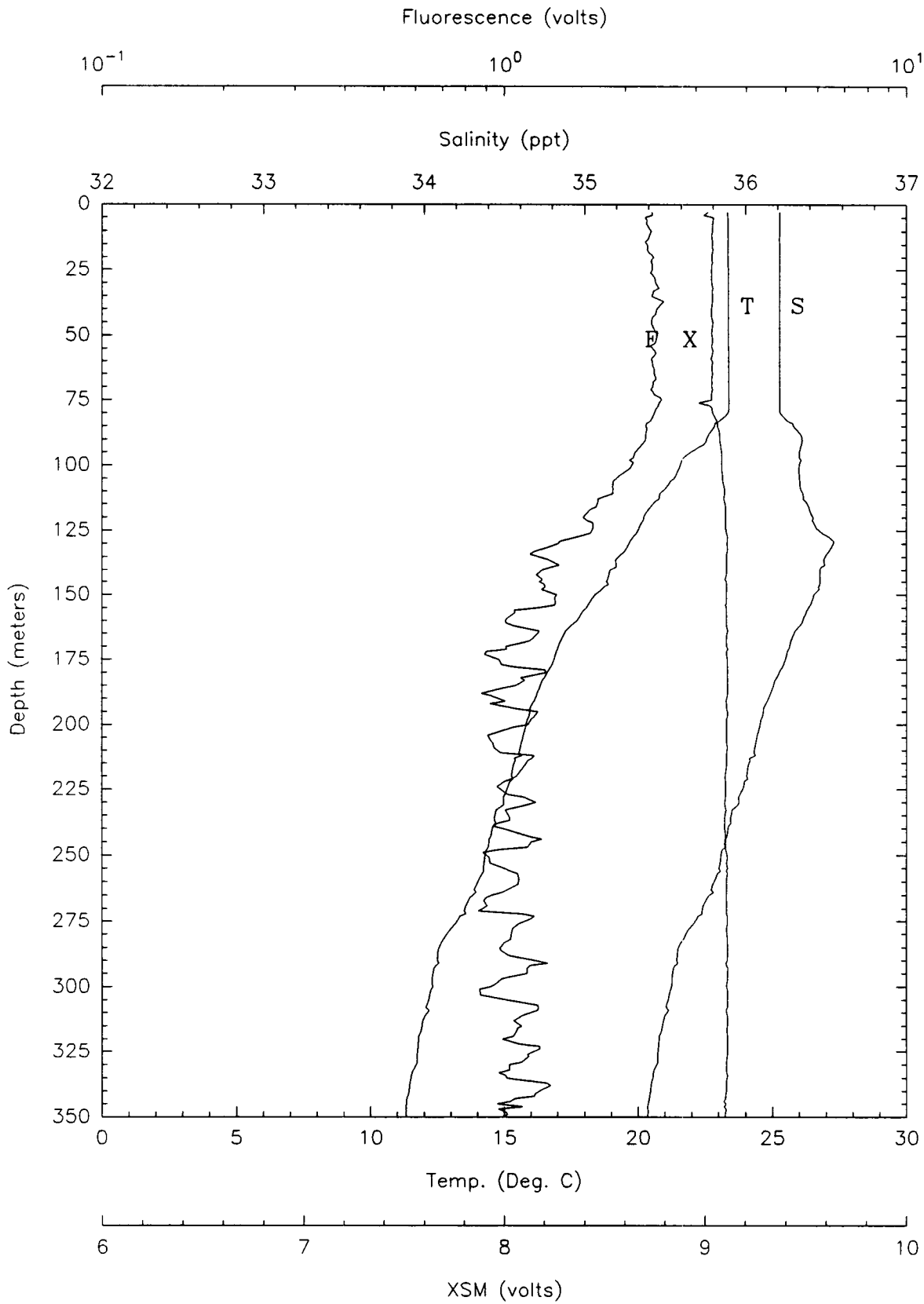
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 on: 95 49.954 W  
 tn: 9A

	meters	temp	salinity	sigmatheta	xmiss	fluor	meters	temp	salinity	sigmatheta	xmiss	fluor
							89.000	22.6000	36.3473	25.0780	9.072	2.254
							90.000	22.5480	36.3511	25.0958	9.072	2.250
							91.000	22.5244	36.3512	25.1027	9.072	2.231
							92.000	22.4446	36.3447	25.1206	9.078	2.202
							93.000	22.2838	36.3434	25.1655	9.077	2.179
							95.000	21.9541	36.3345	25.2520	9.082	2.120
							97.000	21.6914	36.3332	25.3248	9.082	2.097
							98.000	21.6475	36.3466	25.3473	9.082	2.050
							99.000	21.6113	36.3359	25.3492	9.082	2.098
							101.000	21.5398	36.3302	25.3649	9.082	2.058
							102.000	21.4902	36.3298	25.3784	9.082	2.017
							104.000	21.4131	36.3339	25.4030	9.086	1.930
							105.000	21.3474	36.3333	25.4208	9.087	1.901
							106.000	21.2229	36.3357	25.4570	9.087	1.870
							107.000	21.1590	36.3370	25.4757	9.090	1.866
							109.000	21.0195	36.3406	25.5167	9.096	1.863
							111.000	20.8085	36.3584	25.5880	9.096	1.863
							113.000	20.7932	36.3576	25.5916	9.091	1.711
							114.000	20.6237	36.3757	25.6514	9.096	1.712
							116.000	20.4583	36.3931	25.7095	9.102	1.694
							117.000	20.4008	36.3952	25.7265	9.101	1.638
							119.000	20.2536	36.4094	25.7769	9.101	1.595
							120.000	20.2219	36.4188	25.7927	9.101	1.571
							121.000	20.2042	36.4138	25.7936	9.101	1.604
							122.000	20.1250	36.4225	25.8214	9.101	1.663
							124.000	20.0298	36.4385	25.8590	9.101	1.668
							126.000	19.9455	36.4748	25.9092	9.107	1.641
							127.000	19.8444	36.5128	25.9650	9.110	1.548
							129.000	19.7028	36.5480	26.0293	9.111	1.378
							130.000	19.6692	36.5432	26.0346	9.109	1.362
							131.000	19.6114	36.5341	26.0428	9.111	1.301
							133.000	19.4831	36.5150	26.0619	9.111	1.183
							134.000	19.3830	36.5042	26.0797	9.107	1.163
							136.000	19.1626	36.4844	26.1219	9.106	1.291
							138.000	19.1762	36.4906	26.1232	9.106	1.367
							139.000	19.1706	36.4668	26.1065	9.106	1.307
							140.000	18.9502	36.4626	26.1601	9.106	1.239
							142.000	18.9113	36.4602	26.1683	9.106	1.204
							144.000	18.8685	36.4599	26.1791	9.100	1.244
							145.000	18.8247	36.4621	26.1920	9.106	1.225
							146.000	18.8938	36.4600	26.1728	9.106	1.259
							147.000	18.7138	36.4539	26.2142	9.106	1.264
							148.000	18.6372	36.4542	26.2339	9.106	1.242
							150.000	18.4021	36.4238	26.2702	9.106	1.350
							151.000	18.3117	36.4196	26.2897	9.106	1.335
							153.000	18.1872	36.4082	26.3122	9.106	1.342
							154.000	18.1296	36.4020	26.3219	9.101	1.335
							155.000	18.0708	36.3913	26.3284	9.107	1.208
							156.000	17.9750	36.3823	26.3453	9.106	1.060
							157.000	17.9060	36.3748	26.3567	9.106	1.063
							159.000	17.7904	36.3609	26.3747	9.106	1.019
							160.000	17.7146	36.3545	26.3884	9.106	1.005
							161.000	17.6145	36.3503	26.4098	9.106	1.012
							162.000	17.4942	36.3357	26.4280	9.106	1.059
							164.000	17.2972	36.3076	26.4544	9.112	1.225
							165.000	17.2650	36.3023	26.4581	9.108	1.214
							167.000	17.1425	36.2867	26.4758	9.106	1.175
							168.000	17.0961	36.2813	26.4828	9.106	1.150
							170.000	17.0313	36.2729	26.4920	9.106	1.011
							171.000	17.0004	36.2677	26.4955	9.112	1.013
							172.000	16.9584	36.2604	26.5000	9.106	0.903
							173.000	16.9271	36.2570	26.5048	9.106	0.893
							175.000	16.8734	36.2476	26.5105	9.111	0.971
							177.000	16.7908	36.2361	26.5214	9.111	0.985
							178.000	16.7368	36.2304	26.5298	9.111	1.063
							179.000	16.6710	36.2186	26.5364	9.111	1.260
							180.000	16.6014	36.2103	26.5465	9.111	1.270
							182.000	16.5016	36.1931	26.5568	9.111	1.099
							183.000	16.4127	36.1824	26.5695	9.111	1.124
							185.000	16.3441	36.1724	26.5779	9.111	1.071
							186.000	16.3169	36.1677	26.5806	9.111	0.988
							188.000	16.2281	36.1545	26.5912	9.111	0.879
							189.000	16.2109	36.1500	26.5918	9.111	0.925
							191.000	16.1272	36.1360	26.6005	9.105	1.008
							192.000	16.0474	36.1249	26.6104	9.106	0.923
							194.000	15.9561	36.1123	26.6218	9.106	1.077

meters	temp	salinity	sigmatheta	xmiss	fluor	meters	temp	salinity	sigmatheta	xmiss	fluor
195.000	15.9572	36.1120	26.6213	9.111	1.212	285.000	12.5627	35.5837	26.9411	9.111	0.975
197.000	15.9209	36.1050	26.6244	9.111	1.189	286.000	12.5287	35.5807	26.9455	9.111	0.979
198.000	15.8651	36.0972	26.6312	9.107	1.169	288.000	12.5041	35.5767	26.9473	9.111	1.024
200.000	15.8184	36.0901	26.6365	9.106	1.147	290.000	12.4863	35.5734	26.9482	9.111	1.195
201.000	15.7991	36.0870	26.6385	9.106	1.056	291.000	12.5388	35.5796	26.9428	9.105	1.280
203.000	15.7495	36.0789	26.6437	9.106	0.961	292.000	12.4517	35.5611	26.9455	9.106	1.157
204.000	15.7141	36.0736	26.6477	9.106	0.911	293.000	12.3642	35.5545	26.9576	9.112	1.139
206.000	15.6679	36.0670	26.6532	9.106	0.923	295.000	12.3221	35.5475	26.9604	9.111	1.139
207.000	15.6417	36.0641	26.6569	9.106	0.936	297.000	12.2997	35.5433	26.9615	9.111	0.986
209.000	15.5942	36.0566	26.6619	9.110	0.944	299.000	12.2875	35.5449	26.9652	9.109	0.953
211.000	15.5513	36.0530	26.6690	9.106	0.977	300.000	12.3316	35.5422	26.9546	9.106	0.923
212.000	15.6525	36.0612	26.6524	9.106	1.189	301.000	12.2506	35.5361	26.9655	9.110	0.868
213.000	15.3832	36.0250	26.6854	9.106	1.173	303.000	12.2021	35.5277	26.9685	9.111	0.872
214.000	15.4087	36.0286	26.6824	9.106	1.146	305.000	12.1625	35.5204	26.9706	9.111	1.020
216.000	15.3360	36.0150	26.6883	9.106	1.125	307.000	12.1003	35.5103	26.9748	9.111	1.209
220.000	15.2663	36.0068	26.6977	9.098	1.074	308.000	12.0665	35.5089	26.9802	9.111	1.216
221.000	15.3353	36.0141	26.6880	9.099	1.040	309.000	12.1896	35.5230	26.9674	9.103	1.211
222.000	15.2146	35.9934	26.6990	9.101	1.001	311.000	12.0393	35.4994	26.9781	9.111	1.108
224.000	15.1347	35.9895	26.7138	9.101	0.960	313.000	11.9349	35.4898	26.9907	9.111	1.056
227.000	15.0245	35.9650	26.7194	9.101	1.019	315.000	11.9185	35.4838	26.9892	9.111	1.103
228.000	14.9614	35.9566	26.7269	9.101	1.121	316.000	11.9008	35.4817	26.9910	9.108	1.078
230.000	14.9792	35.9609	26.7264	9.096	1.196	317.000	11.8783	35.4781	26.9924	9.109	1.074
231.000	14.9743	35.9532	26.7216	9.096	1.143	319.000	11.7982	35.4652	26.9977	9.111	1.053
233.000	14.6923	35.9142	26.7534	9.103	1.006	320.000	11.7962	35.4647	26.9977	9.111	0.992
234.000	14.6834	35.9139	26.7551	9.098	1.015	322.000	11.7763	35.4623	26.9996	9.111	1.092
236.000	14.6292	35.9064	26.7611	9.096	1.032	323.000	11.7720	35.4608	26.9993	9.111	1.223
237.000	14.6359	35.9074	26.7604	9.096	1.032	324.000	11.7613	35.4582	26.9994	9.111	1.223
238.000	14.6811	35.9100	26.7527	9.096	0.963	326.000	11.7456	35.4554	27.0002	9.111	1.144
239.000	14.5909	35.8955	26.7611	9.096	0.938	327.000	11.7367	35.4548	27.0014	9.108	1.150
240.000	14.5574	35.8924	26.7660	9.096	0.990	329.000	11.7343	35.4547	27.0019	9.106	1.103
243.000	14.5077	35.8851	26.7712	9.101	1.158	330.000	11.6977	35.4489	27.0043	9.106	1.029
244.000	14.4284	35.8738	26.7796	9.101	1.239	332.000	11.5909	35.4327	27.0118	9.106	1.029
245.000	14.4254	35.8720	26.7789	9.101	1.169	333.000	11.5376	35.4279	27.0180	9.106	0.970
247.000	14.4155	35.8730	26.7819	9.101	1.143	334.000	11.5260	35.4270	27.0195	9.110	1.004
248.000	14.3366	35.8546	26.7847	9.101	0.969	335.000	11.5043	35.4249	27.0219	9.108	1.013
249.000	14.2891	35.8512	26.7922	9.106	0.886	336.000	11.4857	35.4202	27.0218	9.106	1.118
251.000	14.2607	35.8461	26.7944	9.111	0.918	337.000	11.4663	35.4169	27.0228	9.106	1.278
253.000	14.2477	35.8429	26.7948	9.106	0.921	338.000	11.4585	35.4144	27.0224	9.106	1.304
255.000	14.2118	35.8366	26.7977	9.111	0.999	340.000	11.4453	35.4118	27.0229	9.106	1.223
256.000	14.2383	35.8427	26.7967	9.106	1.036	341.000	11.4184	35.4083	27.0251	9.102	1.196
257.000	14.1716	35.8276	26.7993	9.110	1.078	342.000	11.3882	35.4062	27.0292	9.101	1.186
259.000	14.0552	35.8131	26.8129	9.106	1.087	343.000	11.3510	35.4018	27.0326	9.101	1.063
261.000	13.9585	35.7978	26.8216	9.106	1.082	344.000	11.3399	35.3977	27.0315	9.091	1.037
263.000	13.8823	35.7890	26.8308	9.106	1.017	345.000	11.3362	35.3971	27.0317	9.104	0.962
264.000	13.9508	35.8015	26.8261	9.106	0.989	346.000	11.3250	35.3944	27.0317	9.094	1.112
265.000	13.8293	35.7768	26.8326	9.106	0.931	347.000	11.3258	35.3943	27.0315	9.104	0.968
266.000	13.7249	35.7631	26.8438	9.106	0.900	348.000	11.3287	35.3949	27.0315	9.101	1.009
267.000	13.6673	35.7550	26.8495	9.106	0.889	349.000	11.3284	35.3947	27.0314	9.098	1.019
269.000	13.5596	35.7387	26.8593	9.106	0.905	351.000	11.3279	35.3940	27.0310	9.096	0.967
271.000	13.4932	35.7324	26.8682	9.106	0.863	352.000	11.3257	35.3936	27.0311	9.096	1.121
272.000	13.5562	35.7305	26.8538	9.106	1.103	353.000	11.3236	35.3935	27.0314	9.096	1.106
273.000	13.3417	35.7076	26.8802	9.111	1.186	355.000	11.3202	35.3933	27.0320	9.096	1.069
274.000	13.2965	35.6985	26.8825	9.111	1.164	357.000	11.3226	35.3926	27.0311	9.095	0.971
276.000	13.1735	35.6782	26.8918	9.111	1.082	358.000	11.3215	35.3918	27.0307	9.097	0.959
278.000	12.9887	35.6497	26.9072	9.106	1.047	359.000	11.3174	35.3920	27.0315	9.096	0.999
282.000	12.7278	35.6163	26.9336	9.111	1.037	361.000	11.3137	35.3917	27.0321	9.096	1.393
283.000	12.6565	35.6010	26.9359	9.111	1.001						

Cruise 93G01



Sta 9A

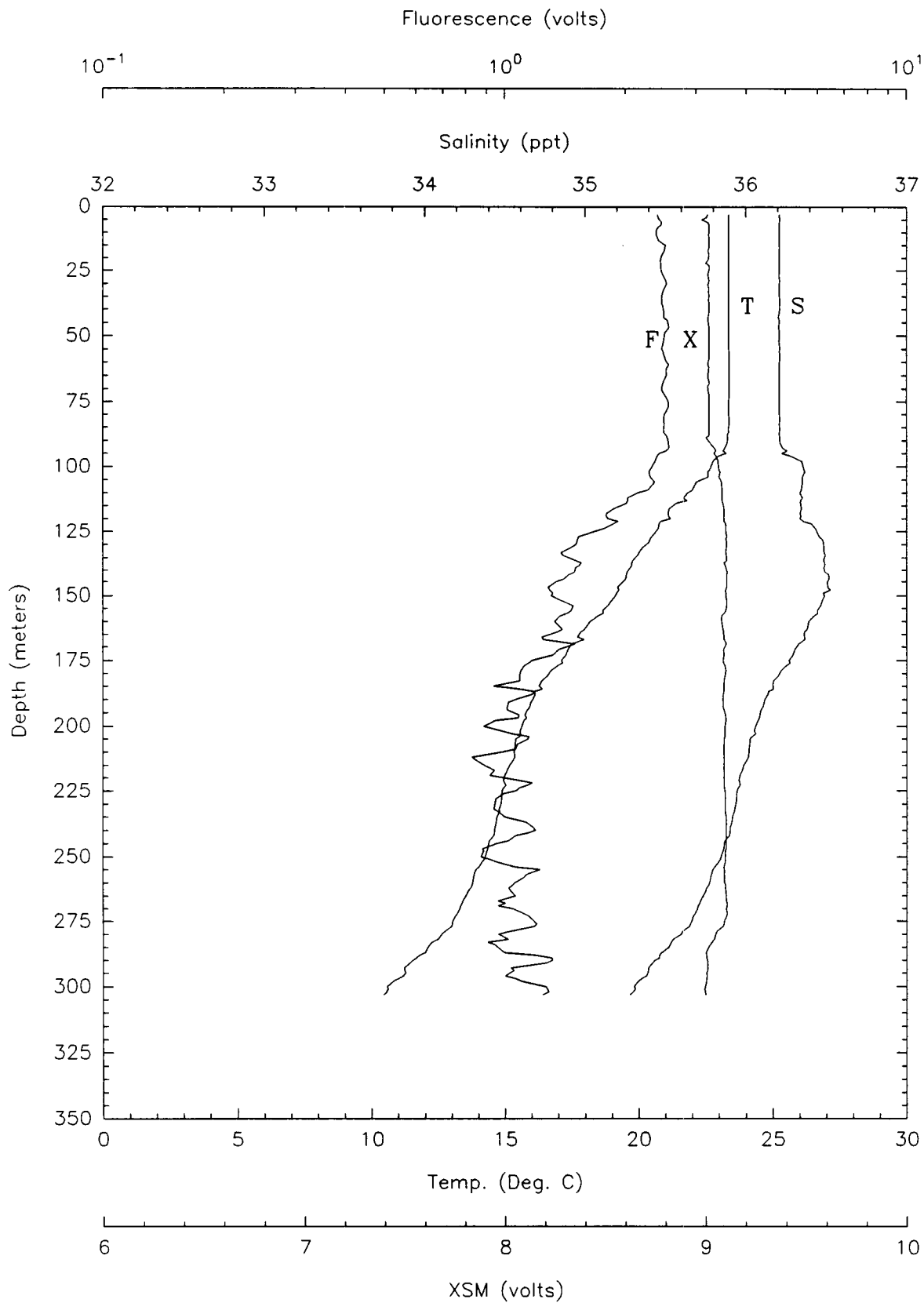
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 at: 27 35.649 N  
 on: 95 47.047 W  
 tn: 10

	meters	temp	salinity	sigmatheta	xmiss	fluor	meters	temp	salinity	sigmatheta	xmiss	fluor
							88.000	23.3189	36.2100	24.7658	9.018	2.526
							89.000	23.3282	36.2106	24.7636	9.005	2.545
							91.000	23.3202	36.2119	24.7670	9.024	2.557
							93.000	23.2317	36.2300	24.8067	9.045	2.568
							94.000	23.1485	36.2551	24.8500	9.051	2.528
							95.000	23.2738	36.2230	24.7892	9.041	2.434
							96.000	22.9794	36.2816	24.9193	9.053	2.399
							98.000	22.7741	36.3478	25.0290	9.063	2.374
							101.000	22.6678	36.3589	25.0681	9.067	2.307
							102.000	22.5821	36.3657	25.0979	9.074	2.290
							104.000	22.6095	36.3515	25.0793	9.068	2.310
							106.000	22.1536	36.3507	25.2088	9.080	2.362
							109.000	22.0186	36.3459	25.2433	9.082	2.274
							110.000	21.8322	36.3382	25.2899	9.082	2.145
							112.000	21.6717	36.3511	25.3447	9.082	2.025
							113.000	21.8128	36.3383	25.2956	9.082	2.029
							114.000	21.4113	36.3393	25.4082	9.087	2.014
							116.000	21.1638	36.3461	25.4818	9.093	1.877
							118.000	21.1024	36.3371	25.4918	9.092	1.794
							119.000	21.1231	36.3434	25.4910	9.092	1.789
							120.000	21.1888	36.3365	25.4677	9.092	1.810
							121.000	20.8469	36.3565	25.5767	9.092	1.914
							122.000	20.7590	36.4089	25.6405	9.101	1.869
							124.000	20.7445	36.4319	25.6621	9.101	1.767
							125.000	20.6588	36.4403	25.6918	9.101	1.675
							127.000	20.4943	36.4567	25.7488	9.107	1.529
							128.000	20.4203	36.4725	25.7809	9.101	1.520
							129.000	20.4114	36.4811	25.7899	9.107	1.516
							130.000	20.3038	36.4828	25.8201	9.106	1.507
							131.000	20.1546	36.4850	25.8616	9.103	1.467
							133.000	20.0153	36.4863	25.8998	9.101	1.384
							134.000	19.9871	36.4954	25.9143	9.105	1.391
							136.000	19.7836	36.4809	25.9572	9.106	1.503
							137.000	19.7572	36.4901	25.9711	9.091	1.553
							138.000	19.7476	36.4907	25.9742	9.100	1.535
							139.000	19.6993	36.4863	25.9836	9.101	1.500
							141.000	19.5732	36.4915	26.0207	9.108	1.495
							142.000	19.5513	36.5137	26.0435	9.106	1.444
							144.000	19.5162	36.5174	26.0556	9.106	1.401
							145.000	19.4334	36.5067	26.0690	9.106	1.346
							147.000	19.2114	36.5077	26.1276	9.106	1.280
							148.000	19.2702	36.5232	26.1242	9.100	1.294
							149.000	19.1763	36.4808	26.1162	9.101	1.319
							150.000	19.1412	36.4878	26.1306	9.101	1.307
							152.000	18.9909	36.4743	26.1591	9.106	1.393
							154.000	18.8530	36.4641	26.1868	9.106	1.482
							156.000	18.6666	36.4430	26.2182	9.101	1.466
							157.000	18.6870	36.4476	26.2166	9.095	1.433
							158.000	18.4947	36.4225	26.2460	9.080	1.373
							160.000	18.2035	36.3906	26.2949	9.081	1.332
							163.000	17.9945	36.3804	26.3393	9.086	1.391
							164.000	17.8479	36.3632	26.3624	9.090	1.353
							166.000	17.7245	36.3630	26.3927	9.092	1.239
							167.000	17.9647	36.3662	26.3360	9.092	1.249
							169.000	17.5122	36.3287	26.4187	9.103	1.496
							171.000	17.3629	36.3042	26.4362	9.089	1.361
							173.000	17.2943	36.2925	26.4439	9.092	1.321
							175.000	17.1088	36.2684	26.4703	9.086	1.167
							176.000	17.1709	36.2759	26.4611	9.089	1.150
							177.000	16.9809	36.2511	26.4875	9.097	1.118
							179.000	16.7267	36.2189	26.5234	9.101	1.097
							181.000	16.6009	36.2026	26.5407	9.097	1.087
							183.000	16.3856	36.1712	26.5672	9.092	1.091
							185.000	16.2740	36.1662	26.5895	9.092	0.940
							186.000	16.3950	36.1696	26.5639	9.092	1.089
							187.000	16.1107	36.1397	26.6071	9.092	1.183
							188.000	16.1407	36.1378	26.5986	9.086	1.171
							190.000	16.0471	36.1178	26.6050	9.087	1.065
							191.000	15.9696	36.1150	26.6207	9.087	1.022
							193.000	15.9268	36.1042	26.6223	9.087	1.013
							194.000	15.8563	36.0937	26.6303	9.091	1.013
							196.000	15.7538	36.0867	26.6484	9.098	1.085
							197.000	15.8082	36.0854	26.6351	9.102	1.078
							198.000	15.7146	36.0753	26.6487	9.101	0.948
							200.000	15.6328	36.0610	26.6563	9.096	0.886
							202.000	15.5656	36.0530	26.6654	9.096	0.984



meters	temp	salinity	sigmatheta	xmiss	fluor	meters	temp	salinity	sigmatheta	xmiss	fluor
203.000	15.5793	36.0614	26.6688	9.096	1.045	258.000	13.8176	35.7781	26.8358	9.092	1.115
204.000	15.5551	36.0402	26.6580	9.096	1.150	260.000	13.7815	35.7755	26.8414	9.092	1.059
205.000	15.4106	36.0266	26.6801	9.091	1.142	261.000	13.7746	35.7656	26.8352	9.098	1.042
207.000	15.3949	36.0249	26.6824	9.092	1.075	262.000	13.7082	35.7564	26.8420	9.096	1.022
209.000	15.3666	36.0198	26.6849	9.092	1.064	263.000	13.6309	35.7479	26.8515	9.100	1.034
210.000	15.3574	36.0187	26.6861	9.092	0.988	265.000	13.5374	35.7334	26.8597	9.101	1.061
212.000	15.3673	36.0163	26.6821	9.092	0.827	267.000	13.4040	35.7181	26.8755	9.101	0.961
213.000	15.3119	36.0074	26.6877	9.092	0.846	268.000	13.4001	35.7134	26.8726	9.107	1.001
215.000	15.1771	35.9863	26.7016	9.092	0.889	269.000	13.3404	35.7021	26.8762	9.106	0.962
217.000	15.0925	35.9766	26.7130	9.092	0.942	270.000	13.3126	35.6980	26.8787	9.102	1.045
219.000	14.9902	35.9630	26.7252	9.092	0.919	272.000	13.2129	35.6824	26.8870	9.107	1.114
221.000	14.9412	35.9559	26.7305	9.092	1.089	273.000	13.1394	35.6723	26.8941	9.103	1.145
222.000	14.9812	35.9619	26.7264	9.092	1.168	275.000	13.0442	35.6636	26.9067	9.092	1.180
223.000	15.0246	35.9617	26.7167	9.092	1.131	276.000	13.0206	35.6553	26.9051	9.092	1.201
224.000	14.9337	35.9503	26.7280	9.092	1.086	277.000	12.9978	35.6494	26.9051	9.085	1.184
225.000	14.8921	35.9448	26.7329	9.097	1.066	279.000	12.7335	35.6043	26.9231	9.055	1.025
226.000	14.8828	35.9432	26.7338	9.096	0.992	280.000	12.6293	35.5973	26.9383	9.050	0.964
228.000	14.8689	35.9412	26.7353	9.096	0.949	282.000	12.4819	35.5470	26.9284	9.041	1.020
230.000	14.8499	35.9365	26.7359	9.096	0.945	283.000	12.2478	35.5346	26.9645	9.031	0.907
232.000	14.7910	35.9309	26.7446	9.096	0.940	284.000	12.1780	35.5310	26.9752	9.023	0.945
233.000	14.8033	35.9278	26.7395	9.096	0.965	285.000	12.1030	35.5209	26.9818	9.013	0.959
235.000	14.6980	35.9140	26.7520	9.102	0.998	287.000	12.0066	35.4770	26.9663	9.002	0.998
237.000	14.6844	35.9115	26.7531	9.101	1.131	288.000	11.7914	35.4615	26.9954	9.004	1.192
239.000	14.6219	35.9007	26.7584	9.101	1.181	289.000	11.6687	35.4604	27.0176	9.004	1.310
240.000	14.6114	35.9012	26.7611	9.101	1.190	290.000	11.5468	35.4358	27.0214	9.008	1.310
241.000	14.6059	35.9004	26.7617	9.101	1.138	291.000	11.4382	35.4186	27.0283	9.009	1.271
242.000	14.5813	35.8964	26.7639	9.101	1.060	293.000	11.2273	35.3924	27.0469	9.009	1.037
244.000	14.4164	35.8689	26.7785	9.101	1.023	294.000	11.2380	35.3945	27.0466	9.009	1.052
245.000	14.3983	35.8665	26.7805	9.101	0.954	295.000	11.2693	35.3910	27.0382	9.004	1.028
247.000	14.3557	35.8607	26.7852	9.101	0.879	296.000	11.1816	35.3820	27.0473	9.006	1.002
248.000	14.3298	35.8563	26.7874	9.097	0.885	297.000	11.0012	35.3535	27.0579	9.004	1.057
250.000	14.2634	35.8432	26.7915	9.096	0.871	298.000	10.8077	35.3298	27.0743	9.004	1.101
251.000	14.2231	35.8416	26.7990	9.096	0.912	300.000	10.5802	35.3051	27.0958	8.998	1.266
252.000	14.1391	35.8291	26.8072	9.096	0.954	301.000	10.6262	35.3142	27.0948	8.994	1.275
254.000	14.0100	35.8053	26.8163	9.090	1.064	302.000	10.5662	35.2974	27.0923	8.997	1.284
255.000	13.9131	35.7933	26.8274	9.092	1.225	303.000	10.4642	35.2810	27.0975	8.999	1.241
257.000	13.8450	35.7841	26.8347	9.092	1.129						

Cruise 93G01

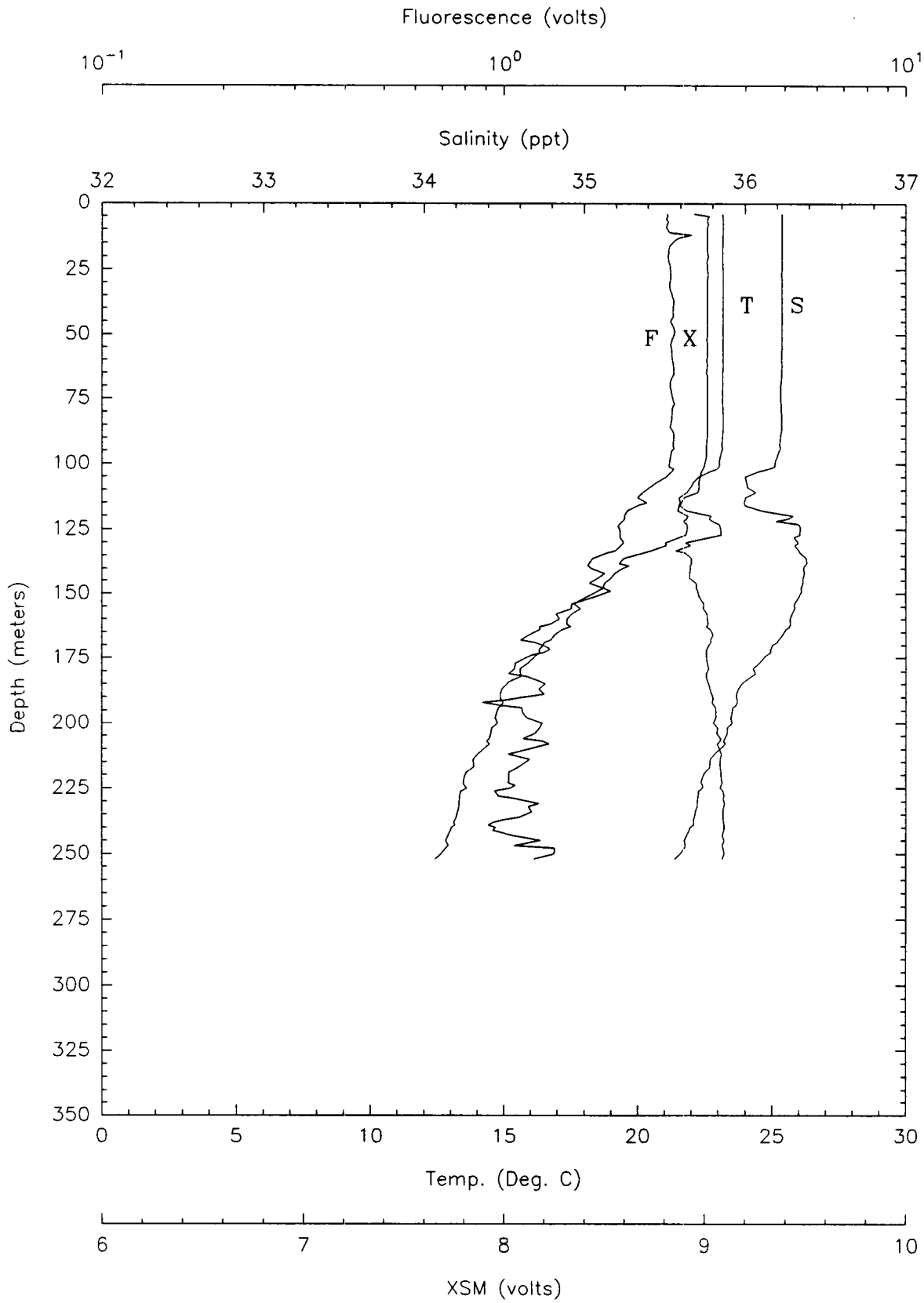


Sta 10

	meters	temp	salinity	sigmatheta	xmiss	fluor
ruise: 93G01	103.000	22.6809	36.0809	24.8533	8.984	2.620
ate: Thu Jan 14 1993, Julian day = 14	105.000	22.2717	36.0001	24.9087	8.979	2.541
ime: 02:52:45 GMT	107.000	22.0892	36.0109	24.9686	8.970	2.409
at: 27 41.512 N	109.000	21.9734	36.0151	25.0045	8.974	2.315
on: 95 41.965 W	111.000	21.8333	36.0662	25.0827	8.965	2.220
in: 11	113.000	21.5520	36.0044	25.1142	8.898	2.153
	115.000	21.5810	35.9971	25.1007	8.885	2.269
	116.000	21.5444	36.0008	25.1138	8.879	2.153
	118.000	21.4974	36.1041	25.2055	8.909	2.037
	120.000	21.8772	36.2994	25.2484	9.033	1.998
4.000	23.1795	36.2307	24.8172	8.949	2.556	120.000
5.000	23.1806	36.2316	24.8175	9.024	2.563	121.000
6.000	23.1850	36.2309	24.8157	9.013	2.540	122.000
7.000	23.1861	36.2308	24.8154	9.013	2.567	123.000
8.000	23.1861	36.2309	24.8155	9.019	2.556	124.000
9.000	23.1880	36.2311	24.8152	9.014	2.539	125.000
10.000	23.1891	36.2309	24.8148	9.013	2.559	127.000
11.000	23.1882	36.2307	24.8149	9.013	2.585	128.000
12.000	23.1835	36.2308	24.8164	9.013	2.934	130.000
13.000	23.1764	36.2311	24.8188	9.013	2.723	131.000
14.000	23.1785	36.2311	24.8182	9.013	2.664	133.000
16.000	23.1793	36.2311	24.8181	9.013	2.588	134.000
18.000	23.1786	36.2309	24.8183	9.013	2.572	136.000
20.000	23.1781	36.2311	24.8187	9.019	2.566	138.000
22.000	23.1798	36.2314	24.8186	9.012	2.572	139.000
23.000	23.1796	36.2309	24.8183	9.013	2.594	140.000
24.000	23.1796	36.2307	24.8182	9.013	2.596	142.000
25.000	23.1824	36.2311	24.8178	9.013	2.600	144.000
27.000	23.1885	36.2275	24.8134	9.019	2.606	146.000
29.000	23.1889	36.2311	24.8161	9.013	2.601	148.000
30.000	23.1895	36.2305	24.8156	9.013	2.587	149.000
31.000	23.1901	36.2305	24.8154	9.013	2.586	151.000
33.000	23.1891	36.2300	24.8155	9.013	2.598	154.000
34.000	23.1893	36.2304	24.8158	9.013	2.615	156.000
36.000	23.1906	36.2308	24.8158	9.013	2.638	158.000
37.000	23.1915	36.2308	24.8156	9.013	2.650	160.000
39.000	23.1938	36.2289	24.8136	9.013	2.648	162.000
42.000	23.1938	36.2309	24.8153	9.013	2.640	163.000
43.000	23.1960	36.2336	24.8168	9.013	2.646	164.000
44.000	23.1950	36.2312	24.8153	9.013	2.619	166.000
45.000	23.1932	36.2306	24.8155	9.013	2.601	168.000
46.000	23.1896	36.2293	24.8156	9.013	2.627	169.000
47.000	23.1888	36.2289	24.8156	9.013	2.649	170.000
49.000	23.1878	36.2285	24.8157	9.013	2.668	171.000
51.000	23.1858	36.2286	24.8164	9.013	2.649	172.000
52.000	23.1858	36.2285	24.8164	9.011	2.627	173.000
53.000	23.1855	36.2283	24.8165	9.013	2.616	174.000
54.000	23.1855	36.2285	24.8166	9.013	2.605	177.000
55.000	23.1850	36.2287	24.8170	9.013	2.615	179.000
58.000	23.1861	36.2256	24.8145	9.013	2.625	181.000
59.000	23.1827	36.2272	24.8168	9.013	2.625	182.000
60.000	23.1834	36.2276	24.8170	9.011	2.635	184.000
62.000	23.1863	36.2309	24.8187	9.014	2.643	185.000
65.000	23.1818	36.2275	24.8176	9.008	2.650	187.000
66.000	23.1811	36.2272	24.8177	9.013	2.645	189.000
67.000	23.1802	36.2268	24.8177	9.013	2.618	190.000
68.000	23.1728	36.2245	24.8181	9.013	2.603	191.000
69.000	23.1659	36.2227	24.8189	9.013	2.598	192.000
70.000	23.1637	36.2224	24.8193	9.013	2.599	193.000
71.000	23.1621	36.2218	24.8194	9.013	2.606	194.000
73.000	23.1585	36.2209	24.8199	9.013	2.616	196.000
74.000	23.1628	36.2220	24.8195	9.013	2.622	198.000
76.000	23.1613	36.2214	24.8196	9.013	2.649	200.000
77.000	23.1712	36.2232	24.8182	9.013	2.661	202.000
78.000	23.1689	36.2233	24.8190	9.013	2.635	204.000
83.000	23.1838	36.2271	24.8179	9.013	2.617	206.000
86.000	23.1870	36.2278	24.8176	9.013	2.598	207.000
87.000	23.1831	36.2265	24.8178	9.013	2.631	208.000
88.000	23.1756	36.2240	24.8182	9.013	2.647	212.000
89.000	23.1654	36.2221	24.8198	9.013	2.654	214.000
93.000	23.1432	36.2151	24.8211	9.008	2.638	217.000
94.000	23.1652	36.2203	24.8187	9.009	2.652	219.000
95.000	23.1287	36.2115	24.8227	9.009	2.617	221.000
97.000	23.0875	36.1991	24.8254	9.009	2.602	223.000
99.000	23.0492	36.1893	24.8292	9.003	2.588	224.000
101.000	23.0411	36.1859	24.8291	8.998	2.580	225.000
102.000	22.9630	36.1476	24.8227	8.991	2.651	226.000

meters	temp	salinity	sigmatheta	xmiss	fluor	meters	temp	salinity	sigmatheta	xmiss	fluor
228.000	13.3500	35.7093	26.8785	9.097	0.971	239.000	13.1539	35.6822	26.8979	9.096	0.917
229.000	13.3397	35.7072	26.8790	9.093	1.061	240.000	13.0463	35.6606	26.9030	9.096	0.955
231.000	13.3285	35.7061	26.8805	9.098	1.224	241.000	13.0115	35.6545	26.9053	9.096	0.939
232.000	13.3212	35.7047	26.8810	9.096	1.154	243.000	12.9166	35.6393	26.9126	9.087	1.045
233.000	13.3009	35.6980	26.8800	9.091	1.159	245.000	12.8260	35.6257	26.9203	9.096	1.233
234.000	13.2632	35.6937	26.8844	9.092	1.173	247.000	12.9149	35.6320	26.9075	9.086	1.064
236.000	13.2173	35.6867	26.8884	9.092	1.093	248.000	12.8347	35.6232	26.9167	9.091	1.339
237.000	13.1884	35.6819	26.8906	9.092	1.002	250.000	12.6495	35.5975	26.9336	9.096	1.335
238.000	13.1350	35.6834	26.9026	9.095	0.939	252.000	12.4393	35.5664	26.9510	9.088	1.192

Cruise 93G01

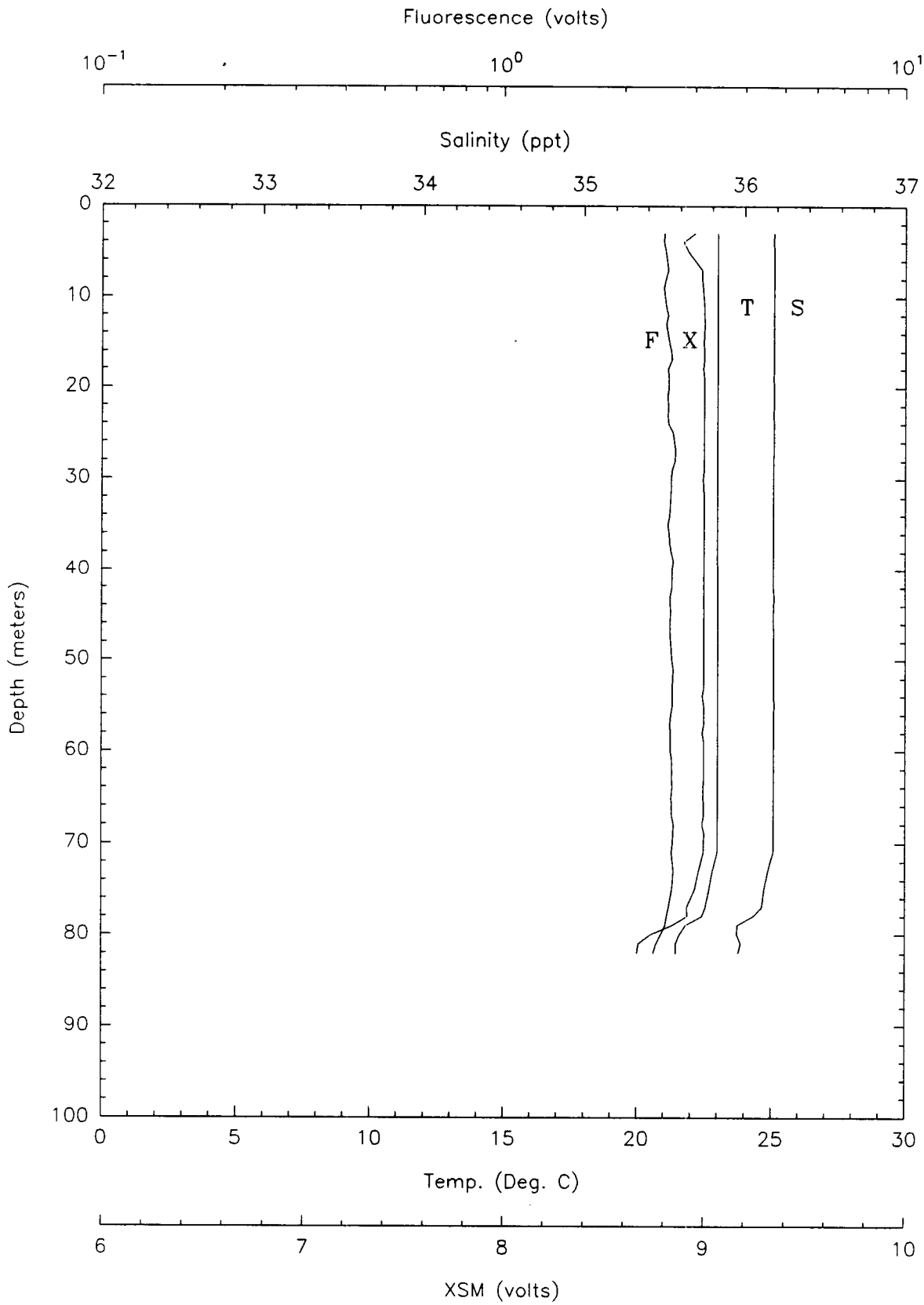


Sta 11

ruise: 93G01  
 ate: Thu Jan 14 1993, Julian day = 14  
 ime: 03:47:26 GMT  
 at: 27 44.018 N  
 on: 94 41.567 W  
 tn: 12

meters	temp	salinity	sigmatheta	xmiss	fluor
3.000	22.9888	36.1810	24.8346	8.951	2.513
4.000	22.9903	36.1806	24.8340	8.894	2.505
5.000	22.9911	36.1810	24.8341	8.919	2.530
7.000	22.9916	36.1810	24.8341	8.988	2.568
8.000	22.9905	36.1812	24.8346	8.988	2.532
9.000	22.9875	36.1815	24.8357	8.992	2.508
11.000	22.9868	36.1816	24.8362	9.000	2.537
12.000	22.9871	36.1813	24.8359	8.999	2.570
13.000	22.9890	36.1814	24.8355	9.001	2.537
15.000	22.9892	36.1817	24.8358	8.998	2.588
16.000	22.9930	36.1814	24.8346	8.999	2.617
17.000	22.9923	36.1812	24.8347	8.999	2.626
18.000	22.9927	36.1812	24.8345	8.996	2.570
19.000	22.9986	36.1808	24.8326	8.999	2.582
20.000	22.9991	36.1810	24.8327	8.999	2.581
21.000	22.9997	36.1813	24.8328	8.999	2.558
22.000	23.0006	36.1811	24.8325	8.999	2.573
23.000	23.0006	36.1808	24.8323	8.999	2.571
24.000	23.0009	36.1809	24.8323	8.999	2.577
25.000	23.0012	36.1809	24.8323	8.999	2.645
27.000	23.0017	36.1812	24.8325	8.999	2.683
28.000	23.0020	36.1806	24.8320	8.999	2.676
29.000	23.0009	36.1802	24.8321	8.999	2.629
30.000	22.9985	36.1797	24.8325	8.995	2.618
31.000	22.9986	36.1798	24.8326	8.997	2.615
32.000	22.9997	36.1802	24.8326	8.999	2.612
33.000	23.0004	36.1799	24.8323	8.999	2.604
34.000	23.0006	36.1800	24.8323	8.999	2.595
35.000	23.0010	36.1801	24.8324	8.999	2.567
36.000	23.0005	36.1799	24.8324	8.999	2.585
37.000	23.0008	36.1801	24.8325	8.999	2.593
38.000	23.0017	36.1801	24.8323	8.999	2.614
39.000	23.0023	36.1800	24.8322	8.999	2.651
40.000	23.0048	36.1805	24.8319	8.999	2.634
41.000	23.0050	36.1808	24.8320	8.999	2.631
42.000	23.0054	36.1807	24.8320	8.999	2.633
43.000	23.0043	36.1843	24.8351	8.999	2.600
45.000	23.0050	36.1806	24.8322	8.999	2.608
46.000	23.0054	36.1808	24.8322	8.999	2.604
47.000	23.0058	36.1811	24.8324	8.999	2.601
49.000	23.0071	36.1814	24.8324	8.999	2.625
50.000	23.0075	36.1813	24.8323	8.999	2.635
51.000	23.0077	36.1811	24.8322	8.999	2.654
52.000	23.0078	36.1813	24.8323	8.999	2.649
53.000	23.0090	36.1810	24.8318	8.999	2.642
54.000	23.0093	36.1813	24.8320	8.992	2.638
55.000	23.0097	36.1840	24.8339	8.999	2.640
56.000	23.0103	36.1818	24.8322	8.999	2.617
57.000	23.0100	36.1812	24.8319	8.999	2.606
58.000	23.0097	36.1813	24.8321	8.993	2.609
59.000	23.0094	36.1814	24.8323	8.999	2.610
60.000	23.0099	36.1812	24.8321	8.999	2.611
61.000	23.0097	36.1813	24.8323	8.999	2.630
62.000	23.0095	36.1814	24.8325	8.999	2.635
63.000	23.0096	36.1815	24.8326	8.999	2.635
64.000	23.0098	36.1813	24.8325	8.997	2.639
65.000	23.0098	36.1814	24.8325	8.998	2.623
66.000	23.0101	36.1814	24.8325	8.999	2.633
67.000	23.0103	36.1814	24.8326	8.999	2.635
68.000	23.0102	36.1814	24.8327	8.993	2.658
69.000	23.0101	36.1815	24.8328	9.001	2.654
70.000	23.0106	36.1815	24.8327	8.999	2.644
71.000	23.0096	36.1812	24.8328	8.999	2.631
72.000	22.9310	36.1643	24.8428	8.988	2.648
73.000	22.8394	36.1496	24.8581	8.975	2.660
75.000	22.7081	36.1260	24.8781	8.956	2.636
77.000	22.5693	36.1107	24.9064	8.916	2.590
78.000	22.4466	36.0566	24.9004	8.919	2.558
79.000	21.8300	35.9587	25.0002	8.845	2.541
80.000	21.6043	35.9573	25.0620	8.738	2.476
81.000	21.4661	35.9823	25.1194	8.676	2.410
82.000	21.4585	35.9674	25.1103	8.669	2.370

Cruise 93G01



Sta 12

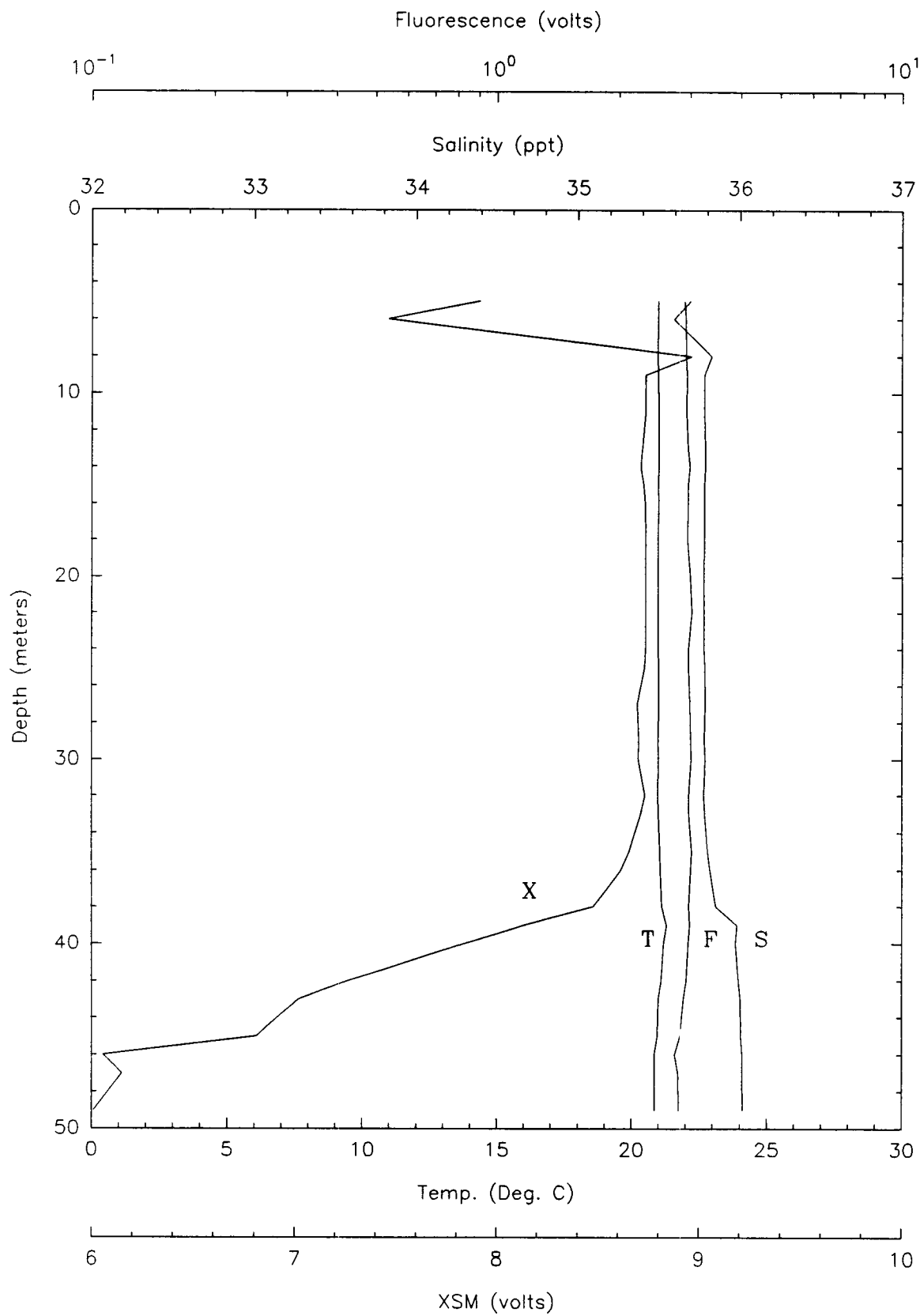
Cruise: 93G01

Date: Thu Jan 14 1993, Julian day = 14  
 Time: 07:15:52 GMT  
 Lat: 28 00.898 N  
 Lon: 95 30.200 W  
 Stn: 13

meters	temp	salinity	sigmatheta	xmiss	fluor
5.000	20.9804	35.6970	25.0314	7.916	2.915
6.000	20.9797	35.5948	24.9540	7.463	2.929
8.000	20.9719	35.8259	25.1323	8.964	2.933
9.000	20.9820	35.7823	25.0964	8.736	2.948
11.000	20.9945	35.7817	25.0926	8.735	2.942
13.000	21.0025	35.7869	25.0945	8.719	2.969
14.000	21.0041	35.7867	25.0940	8.712	2.998
15.000	20.9894	35.7806	25.0933	8.727	2.969
16.000	20.9918	35.7809	25.0930	8.733	2.968
18.000	20.9904	35.7804	25.0931	8.735	2.957
20.000	20.9863	35.7790	25.0933	8.735	3.010
22.000	20.9828	35.7792	25.0945	8.735	3.033
24.000	20.9816	35.7785	25.0944	8.735	2.973
25.000	20.9947	35.7843	25.0953	8.731	2.980
27.000	21.0058	35.7867	25.0942	8.695	2.998
29.000	20.9904	35.7818	25.0947	8.703	3.015
30.000	21.0055	35.7868	25.0945	8.701	3.025
32.000	20.9860	35.7796	25.0944	8.734	2.987
33.000	20.9993	35.7849	25.0949	8.712	2.988
35.000	21.0490	35.8038	25.0959	8.656	3.032
36.000	21.0714	35.8182	25.1008	8.614	3.013
38.000	21.1224	35.8531	25.1135	8.476	2.985
39.000	21.2935	35.9826	25.1651	8.136	2.999
40.000	21.1991	35.9735	25.1842	7.841	2.980
42.000	21.0993	35.9916	25.2255	7.263	2.947
43.000	20.9994	36.0039	25.2623	7.019	2.893
45.000	20.9586	36.0083	25.2768	6.812	2.838
46.000	20.8553	36.0168	25.3115	6.058	2.757
47.000	20.8608	36.0167	25.3100	6.149	2.806
49.000	20.8543	36.0177	25.3126	6.011	2.816



### Cruise 93G01



Sta 13

## BOTTLE DATA

At each station on cruise 93G-01, 30-liter Niskin bottles mounted on a General Oceanics 12-place rosette multisampler were tripped on the upcast of one or more CTD casts for analysis of nutrients and dissolved oxygen as well as bottle salinity. Autoanalyzer nutrient analyses were done at sea using a 6-channel Technicon AA-II analyzer, and salinity was checked at each bottle trip depth in the shipboard laboratory with Guildline Autosal model 8400B. Dissolved oxygen was measured by a modified Winkler titration method. Chlorophyll was not measured at sea, but samples were filtered by Tom Bianchi and his students for subsequent analysis at Lamar University using HPLC. These HPLC pigment data will be reported separately.

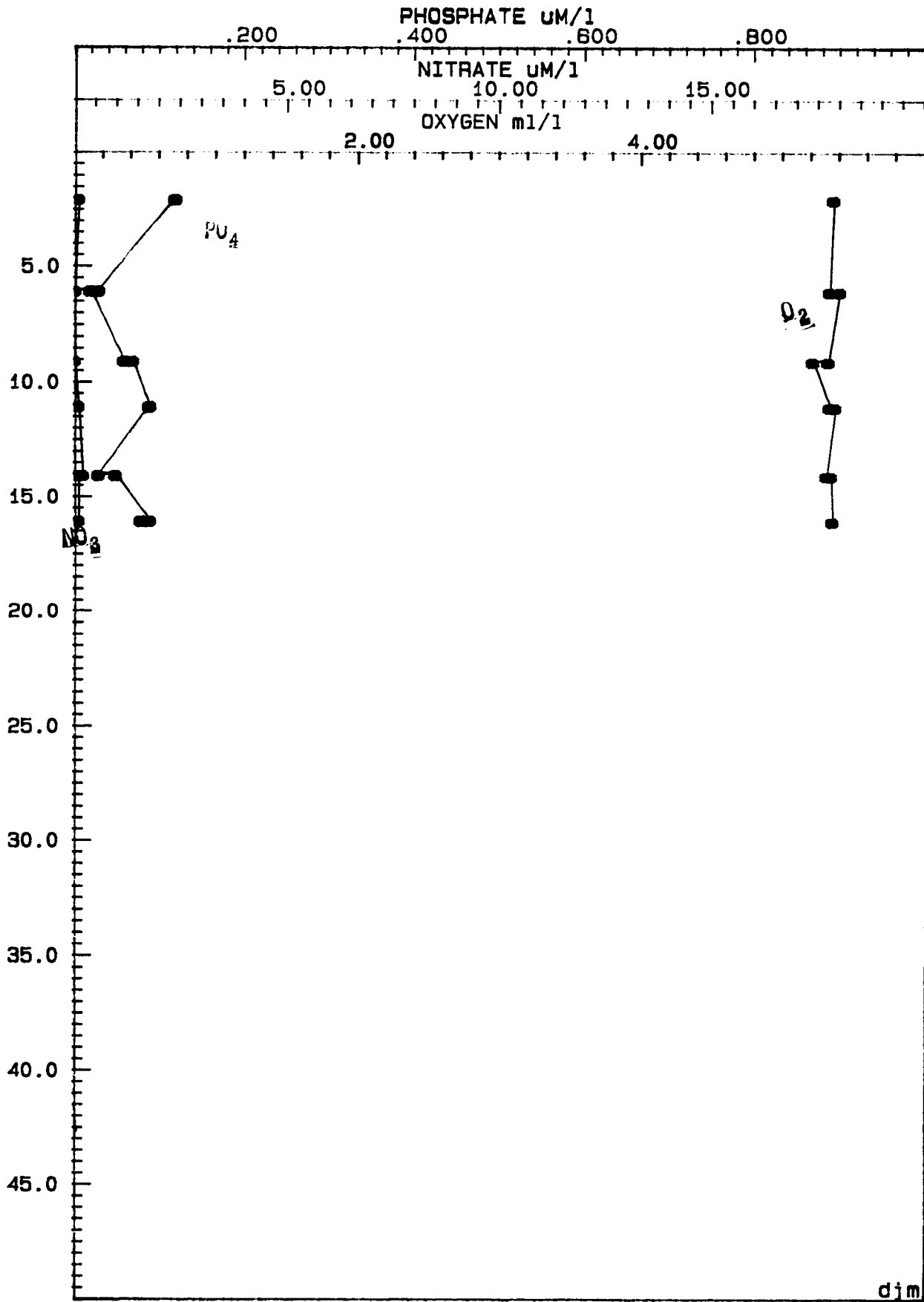
The following tables summarize temperature, salinity, nutrient, and dissolved oxygen concentrations. In the tables, Temp = CTD temp, and Salinity is bottle salinity. Concentrations of nutrients are reported as  $\mu\text{moles/liter}$ , and of dissolved oxygen as  $\text{mls/liter}$ . Summary property-property plots of nitrate, phosphate, and silicate versus temperature, as well as dissolved oxygen versus temperature, follow these tables and plots of raw data.



## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE	93G01	STATION	001	Date	06JAN9
LAT	28 44.83N	LON	94 43.9W	Time	0927 GMT
Samples	12				

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 ( )	NO2 ( umol/l )	NH4 ( )	Urea ( )	PO4	SiO3	Chl ( mg/l )	Pha
12	2	35.032	19.048	5.363	0.1	0.01	0.0	0.1	0.12	1.8		
11	2	35.034	19.048	5.365	0.1	0.02	0.0	0.0	0.12	1.8		
10	6	35.037	19.051	5.327	0.0	0.02	0.1	0.1	0.03	1.0		
9	6	35.037	19.051	5.402	0.0	0.02	0.0	0.1	0.02	1.0		
8	9	35.040	19.058	5.324	0.0	0.02	0.0	0.0	0.06	0.4		
7	9	35.038	19.095	5.206	0.0	0.01	0.0	0.0	0.07	0.5		
6	11	35.043	19.075	5.328	0.1	0.01	0.0	0.0	0.09	1.0		
5	11	35.041	19.075	5.366	0.1	0.01	0.0	0.0	0.09	1.1		
4	14	35.048	19.086	5.314	0.2	0.02	0.0	0.3	0.03	0.8		
3	14	35.043	19.086	5.340	0.1	0.02	0.1	0.1	0.05	0.9		
2	16	35.055	19.089	5.347	0.1	0.02	0.3	0.2	0.09	1.1		
1	16	35.055	19.089	5.346	0.1	0.02	0.2	0.1	0.08	1.1		

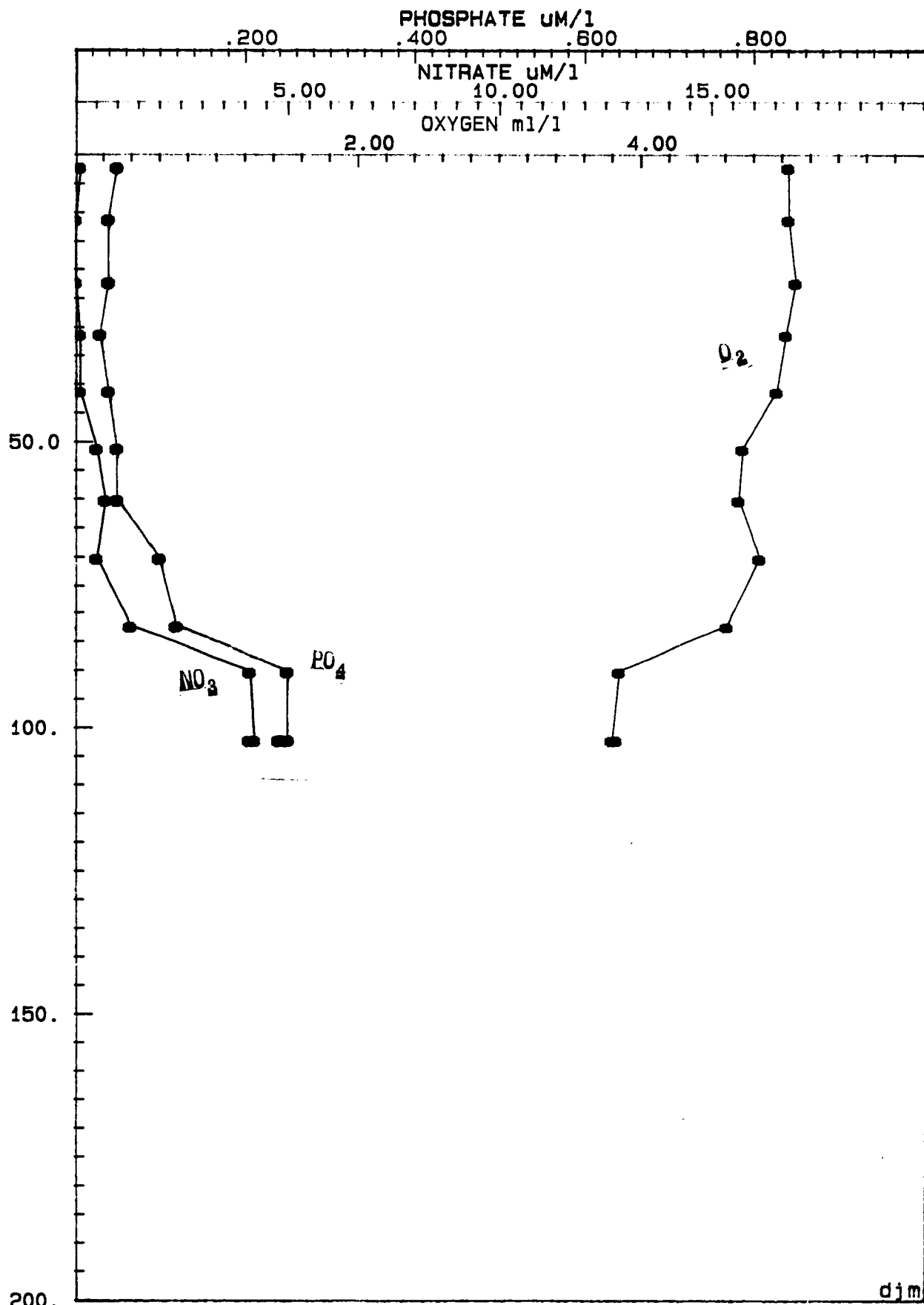


CRUISE: 93G01 STATION: B93G01\*1\*1 DATE: JAN 93  
 LATITUDE: 28 44.8 LONGITUDE: 94 43.9

## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE	93G01	STATION	003	Date	6JAN93
LAT	28 44.00N	LON	94 43.00W	Time	0912 GMT
Samples	12				

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 (	NO2 umol/l	NH4 )	Urea	PO4	SiO3	Chl ( mg/l )	Pha
12	2	35.679	22.428	5.040	0.1	0.02	0.1	0.1	0.05	3.4		
11	11	35.667	22.454	5.044	0.0	0.02	0.1	0.1	0.04	3.6		
10	22	35.660	22.469	5.092	0.0	0.02	0.1	0.1	0.04	3.0		
9	31	35.667	22.468	5.023	0.1	0.02	0.1	0.0	0.03	3.1		
8	41	35.683	22.126	4.959	0.1	0.06	0.1	0.1	0.04	2.8		
7	51	35.811	22.043	4.720	0.5	0.21	0.1	0.0	0.05	3.2		
6	60	36.031	21.872	4.691	0.7	0.18	0.1	0.1	0.05	2.7		
5	70	35.741	20.945	4.836	0.5	0.40	0.1	0.1	0.10	3.3		
4	82	35.923	20.790	4.605	1.3	0.30	0.1	0.1	0.12	3.5		
3	90	36.270	20.892	3.840	4.1	0.07	0.1	0.3	0.25	3.6		
2	102	36.281	20.750	3.790	4.2	0.06	0.1	0.1	0.25	3.9		
1	102	36.278	20.750	3.817	4.1	0.06	0.1	0.1	0.24	4.0		



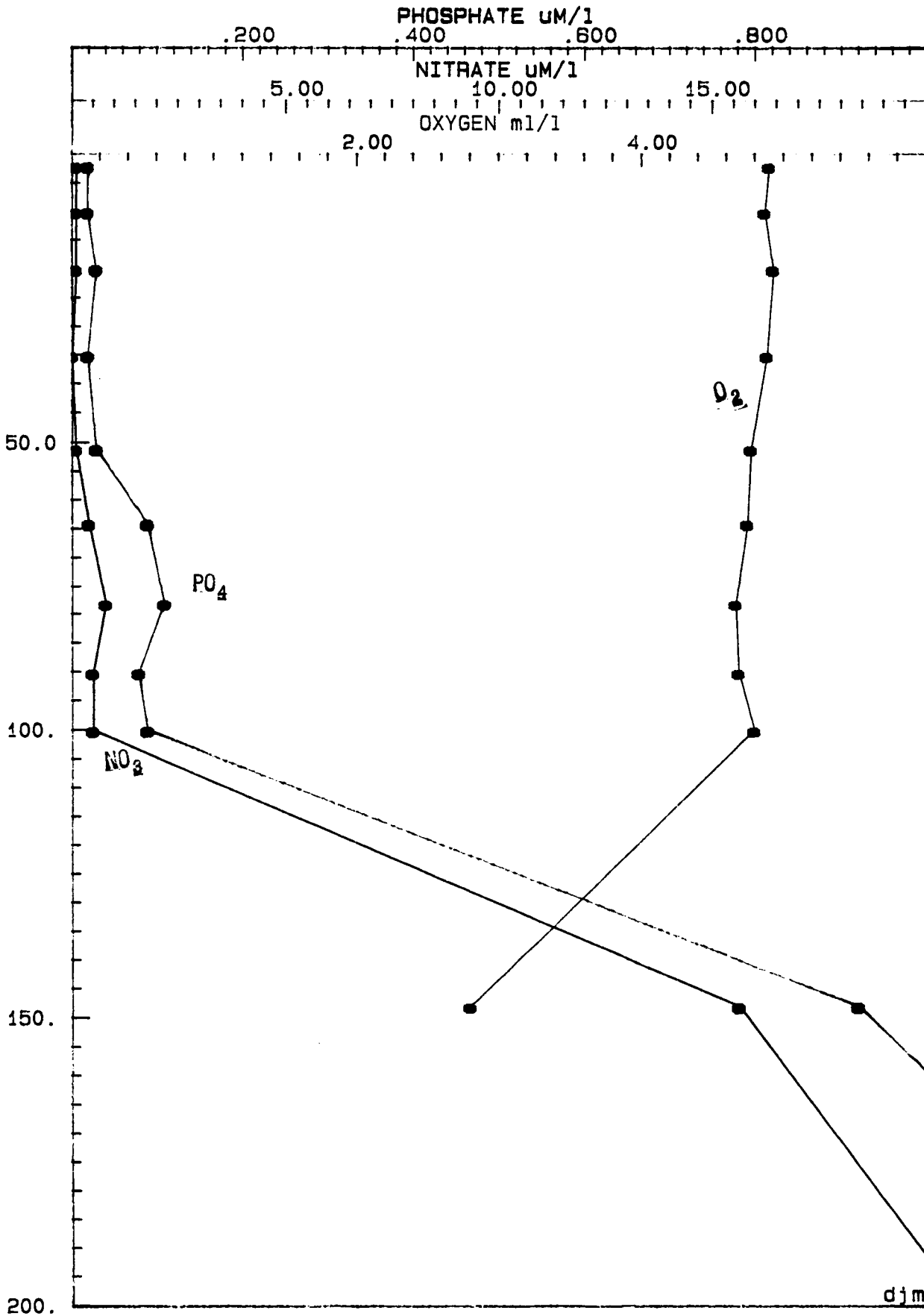
CRUISE: 93G01 STATION: B93G01\*03\*1 DATE: 6 JAN 93  
 LATITUDE: 28 44.0 LONGITUDE: 94 43.0

djm

## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE	92G03	STATION	004	Date	8JAN93
LAT	27 30N	LON	95 50W	Time	0454 GMT
Samples	12				

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 (	NO2 umol/l	NH4 )	Urea	PO4	SiO3	Chl ( mg/l )	Pha
12	2	35.908	23.380	4.899	0.1	0.02	0.1	0.1	0.02	3.7		
11	10	35.914	23.373	4.869	0.1	0.02	0.0	0.2	0.02	3.9		
10	20	36.002	23.534	4.927	0.1	0.01	0.1	0.2	0.03	4.1		
9	35	36.082	23.688	4.882	0.0	0.02	0.1	0.1	0.02	3.9		
8	51	36.034	23.589	4.771	0.1	0.07	0.0	0.1	0.03	4.1		
7	64	36.034	22.621	4.745	0.4	0.29	0.0	0.1	0.09	4.5		
6	78	35.781	22.162	4.660	0.8	0.10	0.1	0.3	0.11	4.8		
5	90	35.919	21.385	4.681	0.5	0.23	0.1	0.2	0.08	4.6		
4	100	35.894	21.485	4.791	0.5	0.37	0.1	0.1	0.09	5.0		
3	148	36.106	16.409	2.799	15.6	0.03	0.0	0.0	0.92	8.4		
2	251	35.389	11.220	0.000	26.0	0.02	0.1	0.0	1.65	14.2		
1	356	35.159	9.485	2.543	29.2	0.02	0.1	0.0	1.92	17.7		



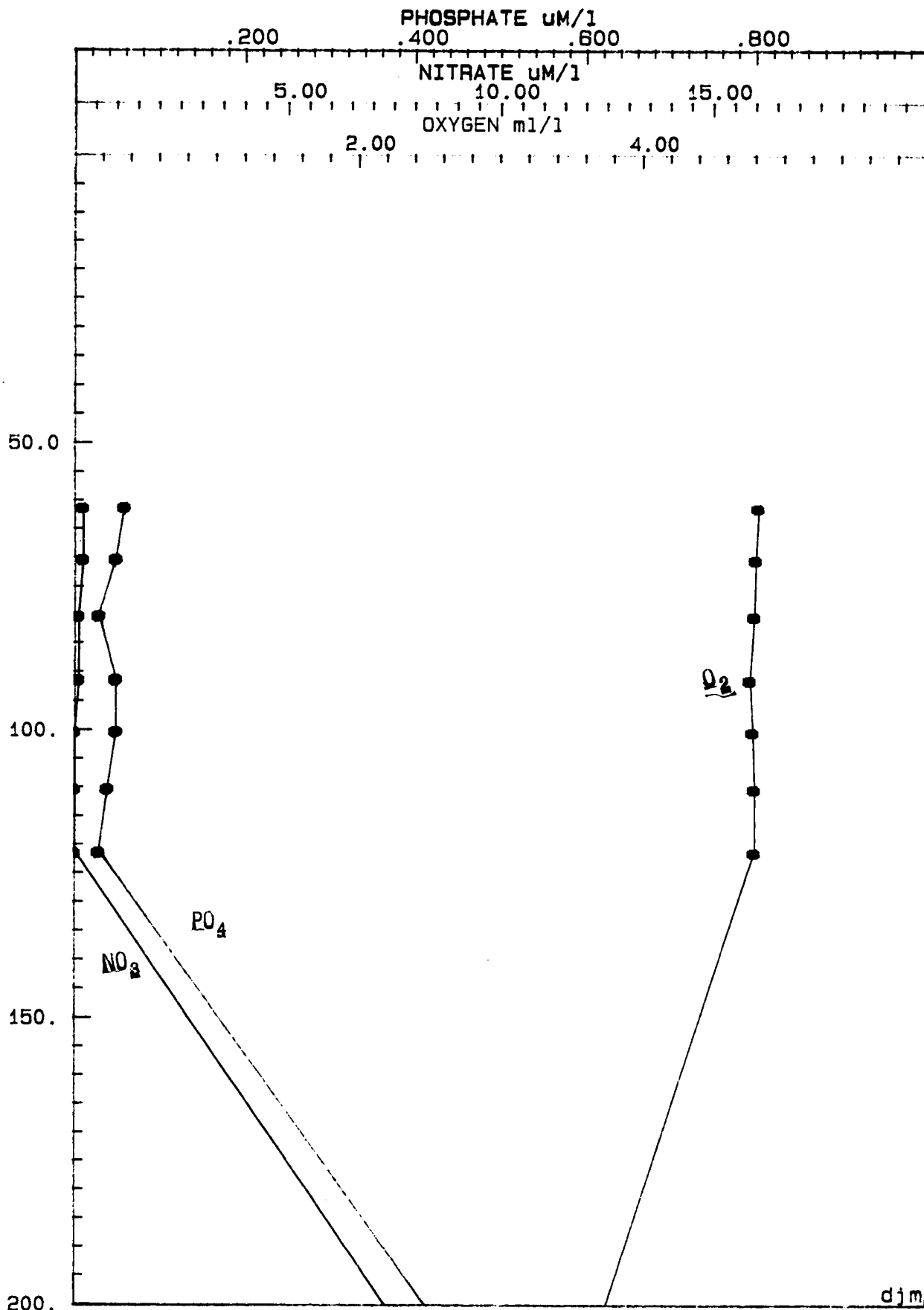
CRUISE: 93G01 STATION: B93G01\*4\*1 DATE: JAN 93  
LATITUDE: 27 30.0 LONGITUDE: 95 50.0



## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE	93G01	STATION	005	Date	09JAN9
LAT	26 39.97N	LON	59.99W	Time	1412 GMT
Samples	12				

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 ( )	NO2 ( umol/l )	NH4 ( )	Urea ( )	PO4 ( )	SiO3 ( )	Chl ( mg/l )	Pha ( mg/l )
12	61	36.406	23.804	4.824	0.2	0.07	0.1	0.3	0.06	9.2		
11	70	36.407	23.806	4.805	0.2	0.07	0.1	0.0	0.05	8.5		
10	80	36.408	23.810	4.791	0.1	0.07	0.1	0.0	0.03	5.9		
9	91	36.408	23.816	4.757	0.1	0.07	0.1	0.3	0.05	3.8		
8	100	36.410	23.817	4.777	0.0	0.07	0.1	0.1	0.05	3.0		
7	110	36.408	23.819	4.791	0.0	0.07	0.1	0.2	0.04	2.6		
6	121	36.406	23.822	4.788	0.0	0.07	0.1	0.1	0.03	2.4		
5	251	36.436	18.103	3.081	12.0	0.01	0.1	0.1	0.66	4.8		
4	501	35.327	10.811	2.600	26.2	0.01	0.0	0.1	1.65	15.1		
3	1001	34.929	5.391	3.822	27.9	0.01	0.0	0.0	1.89	27.6		
2	1298	34.961	4.490	4.621	24.7	0.01	0.0	0.0	1.69	27.9		
1	1595	34.975	4.254	4.954	23.5	0.02	0.0	0.0	1.60	27.7		



CRUISE: 93G01 STATION: B93G01\*05\*1 DATE: 9 JAN 93  
LATITUDE: 26 39.9 LONGITUDE: 94 99.0

djm

## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

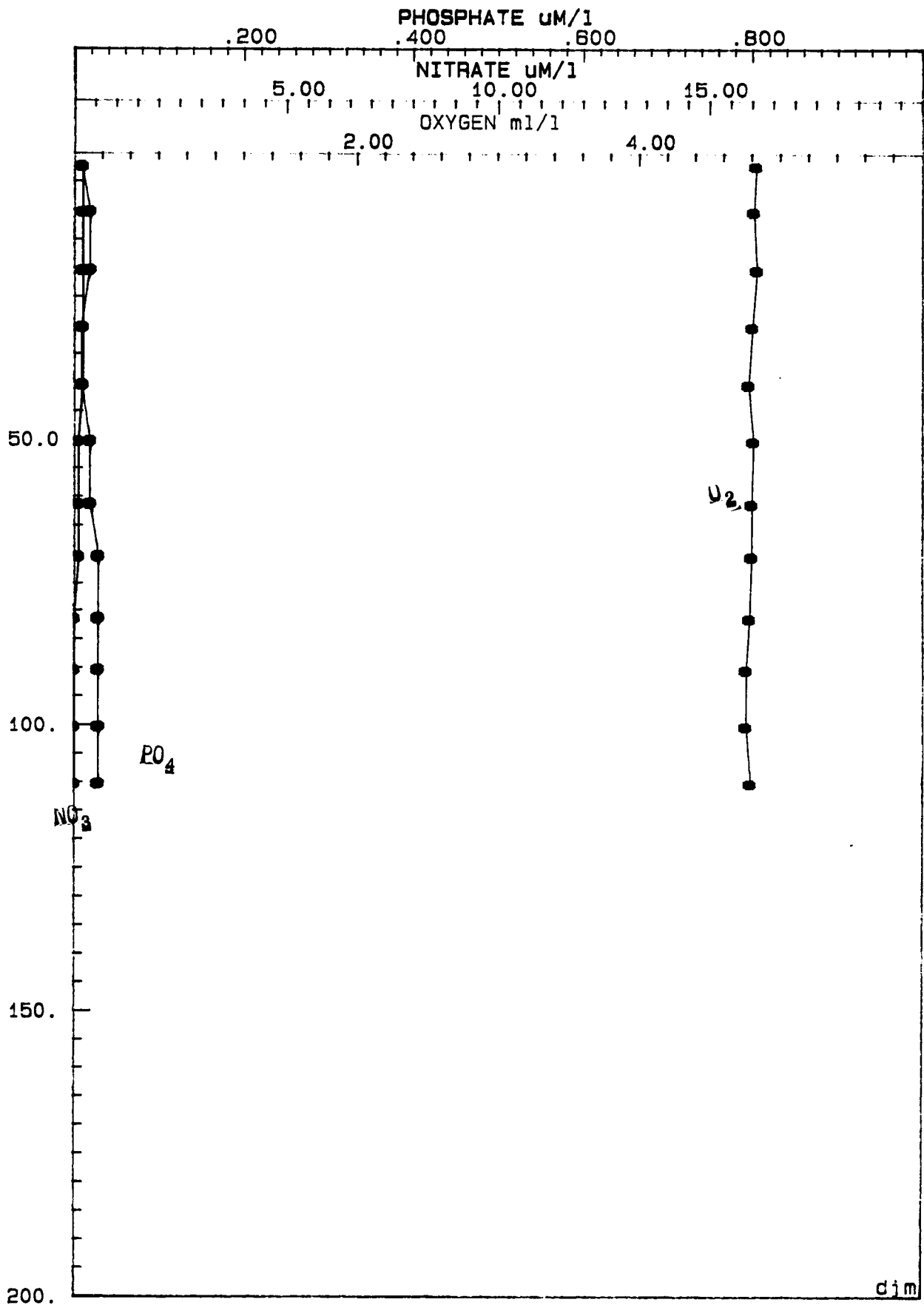
CRUISE	92G03	STATION	005B	Date	9JAN93
LAT	26 40.12N	LON	95 00.07W	Time	2243 GMT
Samples	12				

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 (	NO2 umol/l	NH4 )	Urea	PO4	SiO3	Chl ( mg/l )	Pha
12	2	36.409	23.885	4.830	0.2	0.02	0.0	0.0	0.01	2.9		
11	10	36.409	23.885	4.815	0.2	0.02	0.0	0.0	0.02	3.7		
10	20	36.413	23.890	4.836	0.2	0.02	0.0	0.0	0.02	4.0		
9	30	36.414	23.866	4.804	0.2	0.02	0.0	0.0	0.01	4.3		
8	40	36.413	23.851	4.778	0.2	0.03	0.0	0.0	0.01	4.3		
7	50	36.411	23.848	4.813	0.1	0.04	0.0	0.1	0.02	3.2		
6	61	36.412	23.845	4.801	0.1	0.04	0.0	0.1	0.02	2.6		
5	70	36.410	23.846	4.798	0.1	0.05	0.1	0.6	0.03	2.6		
4	81	36.410	23.851	4.785	0.0	0.05	0.0	0.0	0.03	2.7		
3	90	36.412	23.852	4.761	0.0	0.05	0.1	0.1	0.03	2.7		
2	100	36.413	23.855	4.760	0.0	0.05	0.0	0.0	0.03	2.7		
1	110	36.409	23.856	4.792	0.0	0.05	0.0	0.1	0.03	2.7		

## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE 92G03 STATION 005C Date 10JAN9  
 LAT 26 40.43N LON 95 00.02W Time 0036 GMT  
 Samples 12

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 ( )	NO2 ( umol/l )	NH4 ( )	Urea ( )	PO4	SiO3	Chl ( mg/l )	Pha
12	2	36.403	23.859	4.827	0.0	0.06	0.0	0.2	0.05	5.3		
11	11	36.404	23.860	4.826	0.1	0.06	0.0	0.0	0.05	5.8		
10	20	36.403	23.864	5.118	0.0	0.06	0.0	0.1	0.03	5.3		
9	35	36.403	23.844	4.831	0.1	0.07	0.0	0.1	0.02	5.1		
8	50	36.405	23.831	5.093	0.1	0.07	0.0	0.1	0.01	5.0		
7	120	36.411	23.863	4.780	0.1	0.08	0.0	0.2	0.01	4.4		
6	140	36.414	23.866	4.806	0.0	0.09	0.1	0.6	0.02	4.1		
5	151	36.422	23.863	4.779	0.1	0.08	0.1	0.6	0.01	4.0		
4	159	36.816	22.980	3.509	4.3	0.02	0.0	0.1	0.21	3.3		
3	175	36.834	22.026	3.490	5.1	0.02	0.1	0.2	0.25	3.3		
2	200	36.757	20.753	3.413	6.3	0.01	0.0	0.0	0.31	3.5		
1	251	36.483	18.266	3.302	9.5	0.01	0.0	0.0	0.49	4.4		

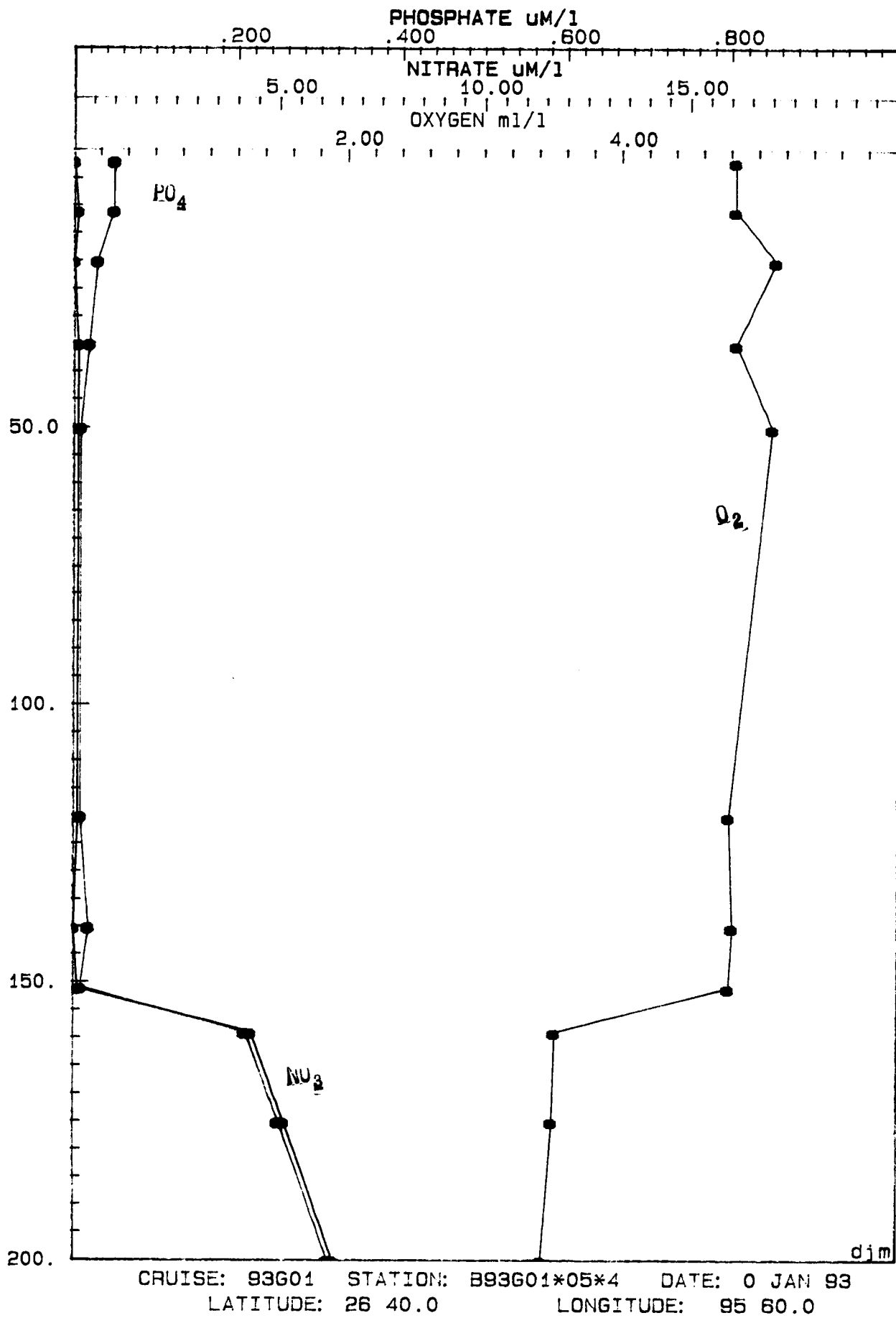


CRUISE: 93G01 STATION: B93G01\*05\*3 DATE: JAN 93  
LATITUDE: 26 40.1 LONGITUDE: 95 0.0

## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE	93G01	STATION	005J	Date	11JAN9
LAT	26 39.91N	LON	95 00.42W	Time	0800 GMT
Samples	12				

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 (	NO2 umol/l	NH4 )	Urea	PO4	SiO3	Chl ( mg/l )	Pha
10	10	36.392	23.562	4.838	0.0	0.07	0.0	0.1	0.02	0.6		
9	238	36.566	18.779	3.365	9.3	0.02	0.0	0.1	0.48	0.8		
8	267	36.329	17.439	3.098	13.4	0.02	0.0	0.1	0.71	1.8		
7	304	36.096	15.612	3.035	16.9	0.01	0.0	0.1	0.91	3.8		
6	361	35.789	13.728	2.804	21.8	0.01	0.1	0.1	1.22	6.4		
5	463	35.392	11.282	2.582	27.7	0.01	0.1	0.1	1.60	11.1		
4	624	35.055	8.616	2.639	32.3	0.01	0.0	0.0	1.94	18.0		
3	815	34.924	6.449	3.214	32.6	0.01	0.0	0.0	2.01	24.4		
2	1000	34.918	5.390	3.829	30.1	0.01	0.0	0.0	1.91	26.5		
1	1599	34.972	4.236	5.012	24.5	0.01	0.0	0.0	1.58	24.8		

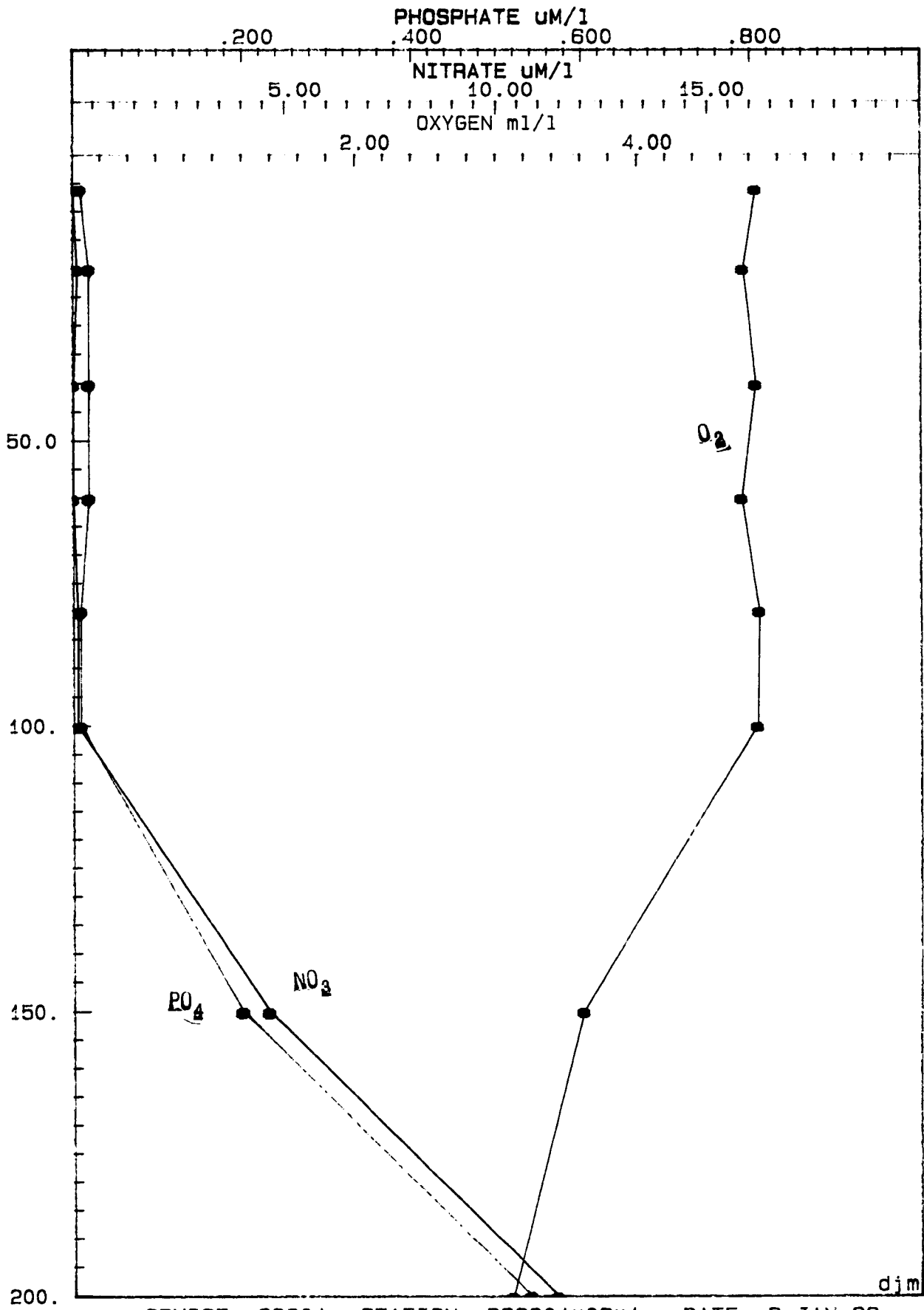


## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE 93G01 STATION 006 Date 12JAN9  
 LAT 27 14.37N LON 94 58.75W Time 1855 GMT  
 Samples 12

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 ( )	NO2 ( umol/l )	NH4 ( )	Urea	PO4	SiO3	Chl ( mg/l )	Pha
12	6	36.387	23.689	4.838	0.0	0.07	0.0	0.1	0.01	3.2		
11	20	36.389	23.697	4.750	0.1	0.07	0.0	0.0	0.02	2.9		
10	40	36.391	23.700	4.841	0.0	0.07	0.0	0.0	0.02	2.4		
9	60	36.391	23.703	4.743	0.0	0.07	-0.0	0.0	0.02	2.1		
8	80	36.390	23.702	4.859	0.1	0.07	0.0	0.0	0.01	1.7		
7	100	36.392	23.704	4.851	0.1	0.07	0.0	0.1	0.01	1.6		
6	150	36.723	21.751	3.608	4.6	0.02	0.0	0.1	0.20	1.4		
5	200	36.460	18.554	3.106	11.4	0.01	0.1	0.2	0.54	3.1		
4	401	35.494	11.917	2.662	24.4	0.01	0.0	0.0	1.30	10.3		
3	601	35.026	8.298	2.632	30.9	0.01	0.2	0.3	1.78	18.2		
2	1000	34.926	5.183	3.961	28.3	0.01	0.0	0.1	1.68	25.6		
1	1124	34.951	4.597	4.523	25.8	0.01	0.0	0.1	1.53	26.0		





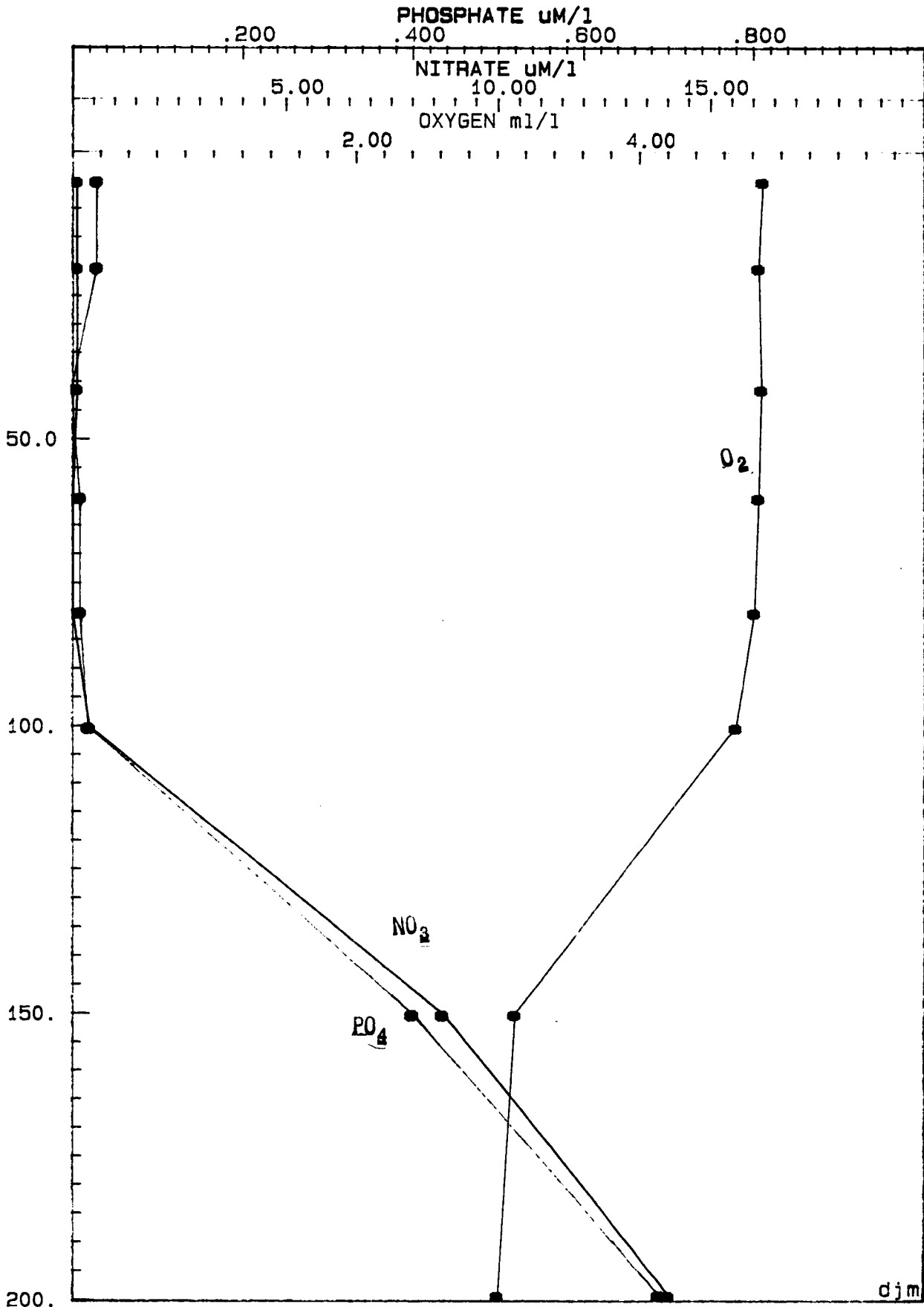
CRUISE: 93601 STATION: B93601\*06\*1 DATE: 2 JAN 93  
 LATITUDE: 27 14.3 LONGITUDE: 94 58.7

djm

## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE	93G01	STATION	007	Date	12JAN9
LAT	27 28.42N	LON	94 59.22W	Time	2233 GMT
Samples	12				

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 (	NO2 umol/l	NH4 )	Urea	PO4	SiO3	Chl ( mg/l )	Pha
12	5	36.293	23.461	4.868	0.1	0.05	0.2	0.6	0.03	1.2		
11	20	36.294	23.463	4.838	0.1	0.05	0.1	0.0	0.03	1.0		
10	41	36.296	23.458	4.855	0.1	0.05	0.1	0.2	0.00	0.7		
9	60	36.300	23.516	4.842	0.0	0.05	0.0	0.1	0.01	0.6		
8	80	36.302	23.561	4.807	0.0	0.05	0.1	0.1	0.01	0.4		
7	100	36.332	23.198	4.683	0.4	0.07	0.1	0.1	0.02	0.3		
6	150	36.488	19.852	3.124	8.7	0.02	0.1	0.3	0.40	1.5		
5	199	36.279	17.154	3.005	14.0	0.01	0.1	0.1	0.69	3.0		
4	300	35.774	13.867	2.710	20.5	0.01	0.1	0.1	1.11	6.3		
3	400	35.417	11.337	2.662	25.3	0.01	0.1	0.1	1.39	10.0		
2	600	35.007	8.130	2.634	30.7	0.01	0.0	0.0	1.78	17.0		
1	914	34.933	4.909	4.178	26.9	0.01	0.0	0.0	1.62	24.1		

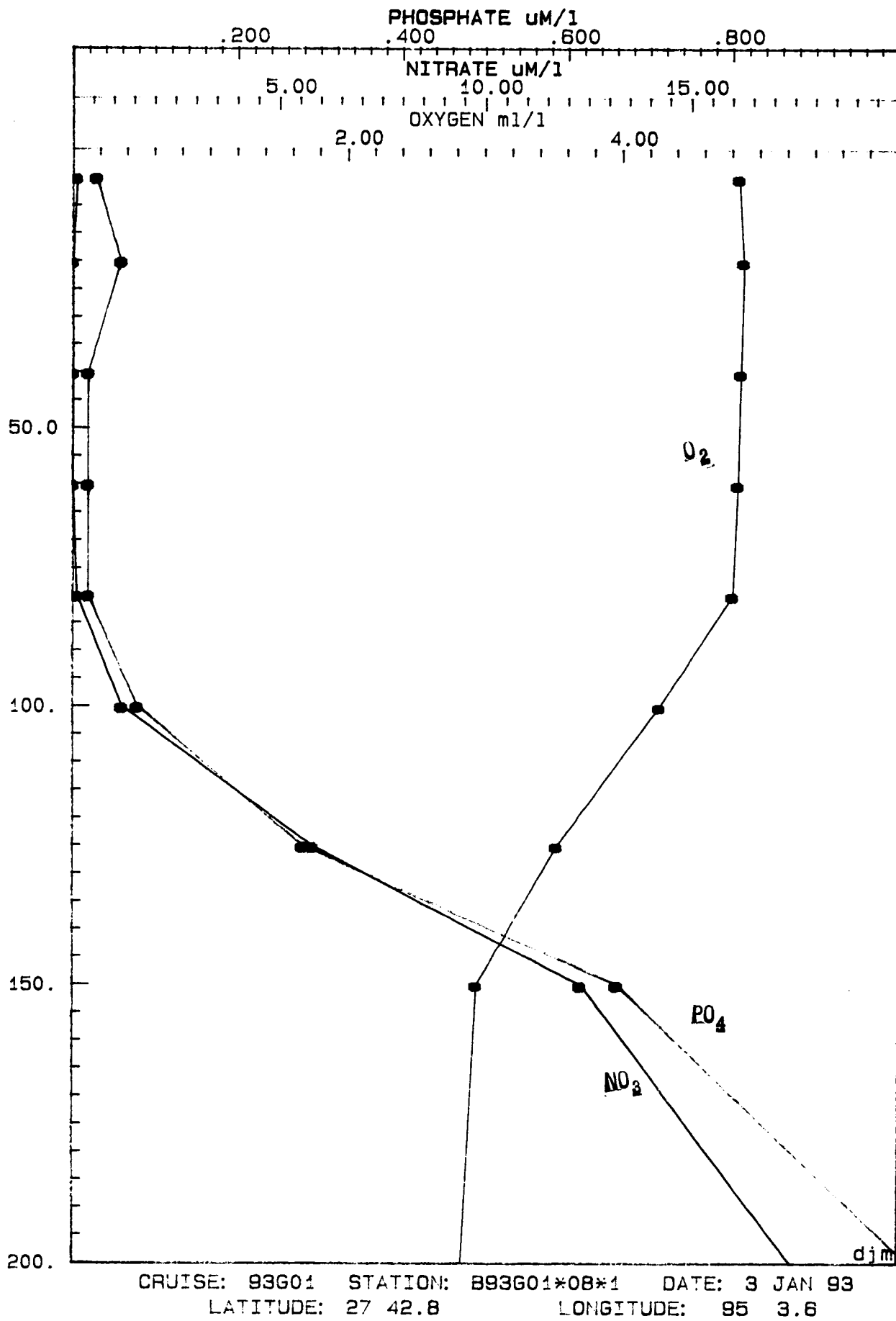


CRUISE: 93G01 STATION: B93G01\*07\*1 DATE: 2 JAN 93  
 LATITUDE: 27 28.4 LONGITUDE: 94 59.2

## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE	93G01	STATION	008	Date	13JAN9
LAT	27 42.85N	LON	95 03.6W	Time	0100 GMT
Samples	12				

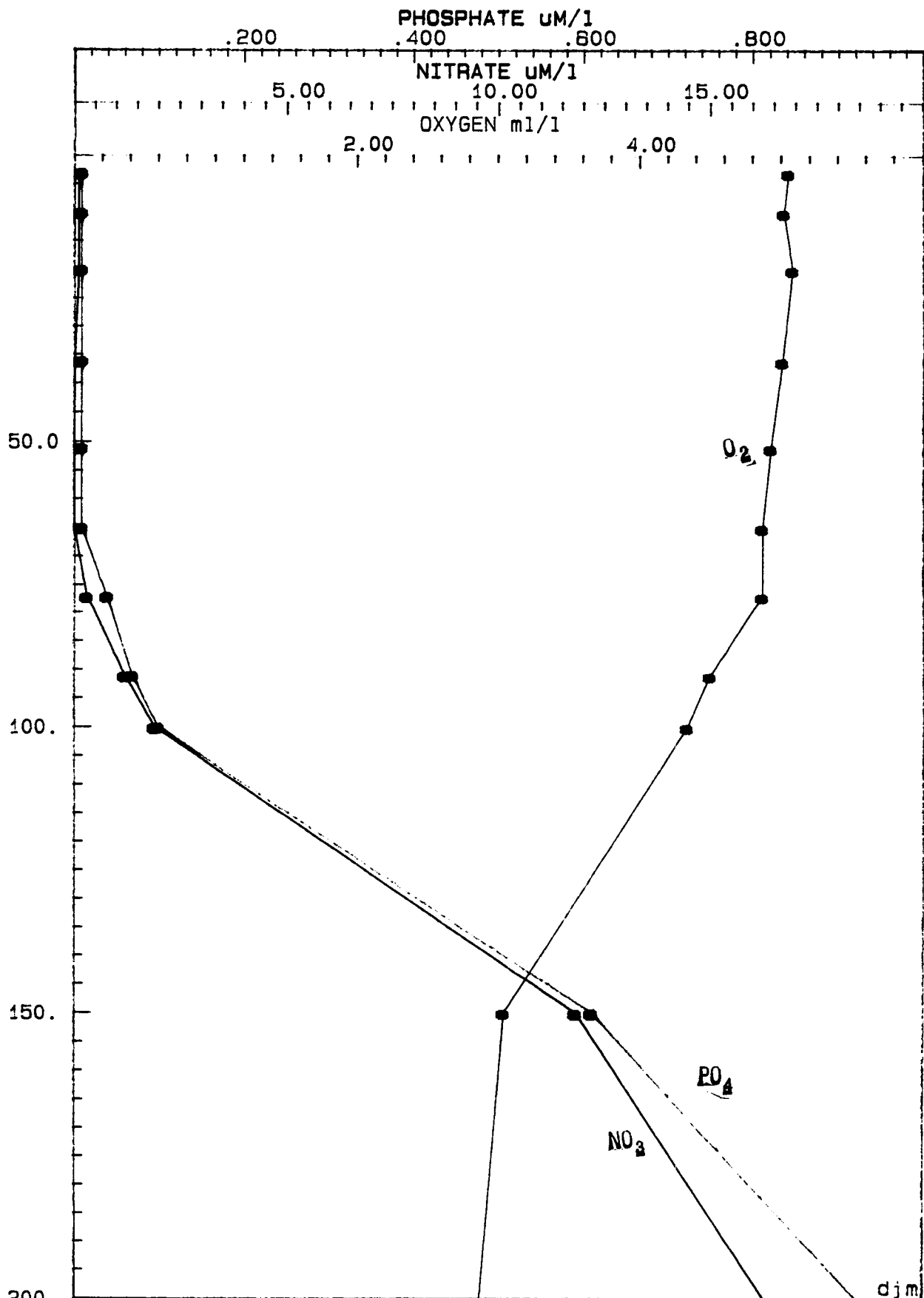
Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 (	NO2 umol/l	NH4 )	Urea	PO4	SiO3	Chl ( mg/l )	Pha
12	5	36.233	23.357	4.847	0.1	0.05	0.0	0.1	0.03	1.9		
11	20	36.234	23.351	4.878	0.0	0.05	0.0	0.0	0.06	1.7		
10	40	36.235	23.356	4.855	0.0	0.05	0.0	0.0	0.02	1.4		
9	60	36.234	23.359	4.845	0.0	0.05	0.1	0.1	0.02	1.3		
8	80	36.239	23.364	4.801	0.1	0.06	0.1	0.1	0.02	1.0		
7	100	36.366	22.315	4.274	1.2	0.04	0.0	0.1	0.08	0.9		
6	125	36.442	20.704	3.519	5.8	0.02	0.0	0.0	0.28	1.3		
5	150	36.439	18.703	2.942	12.3	0.01	0.0	0.1	0.66	2.4		
4	201	36.074	15.683	2.827	17.5	0.01	0.0	0.1	1.02	4.6		
3	300	35.593	12.470	2.639	23.6	0.02	0.1	0.0	1.47	8.4		
2	400	35.201	9.804	2.583	28.8	0.01	0.0	0.0	1.87	13.3		
1	540	35.019	8.201	2.697	30.9	0.01	0.0	0.1	2.06	17.3		



## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE	93G01	STATION	009	Date	13JAN9
LAT	27 29.96N	LON	95 50.03W	Time	0719 GMT
Samples	12				

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 (	NO2 umol/l	NH4 )	Urea	PO4	SiO3	Chl ( mg/l )	Pha
12	3	36.232	23.472	5.051	0.1	0.02	0.1	0.1	0.01	0.8		
11	10	36.234	23.474	5.025	0.1	0.02	0.1	0.0	0.01	0.7		
10	20	36.232	23.487	5.077	0.1	0.02	0.1	0.0	0.01	0.6		
9	36	36.232	23.490	5.008	0.0	0.02	0.0	0.0	0.01	0.5		
8	51	36.233	23.493	4.932	0.0	0.02	0.1	0.0	0.01	0.5		
7	65	36.231	23.482	4.874	0.0	0.02	0.1	0.0	0.01	0.4		
6	77	36.252	23.413	4.870	0.3	0.09	0.1	0.1	0.04	0.4		
5	91	36.351	22.640	4.495	1.2	0.07	0.1	0.1	0.07	0.5		
4	100	36.347	21.262	4.343	1.9	0.04	0.1	0.1	0.10	0.5		
3	150	36.462	18.369	3.038	11.8	0.02	0.1	0.0	0.61	2.0		
2	251	35.819	14.142	2.695	20.8	0.01	0.1	0.0	1.24	6.0		
1	356	35.405	11.304	2.637	25.9	0.01	0.1	0.0	1.59	10.4		



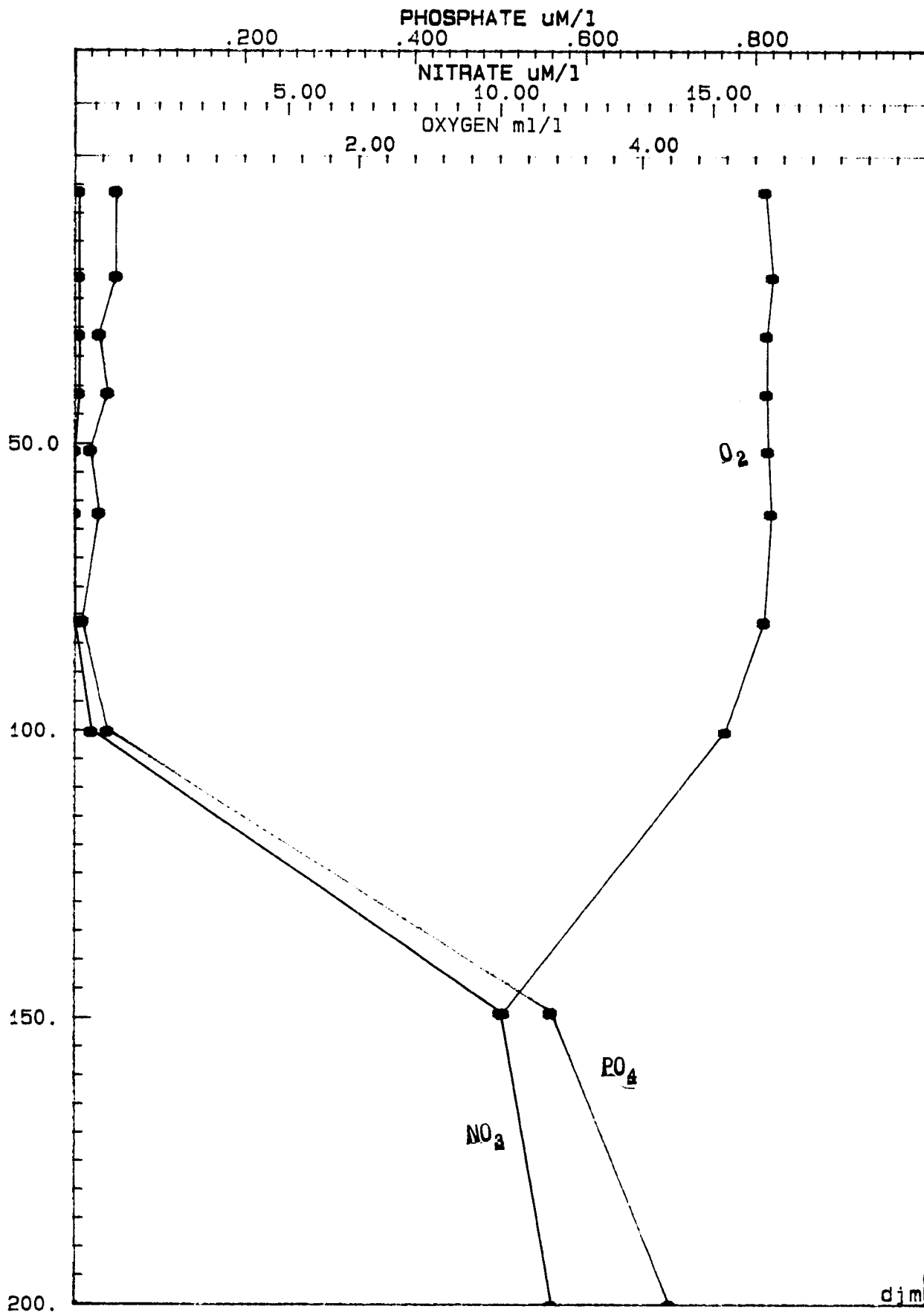
CRUISE: 93G01 STATION: B93G01\*09\*1 DATE: 3 JAN 93  
LATITUDE: 27 29.9 LONGITUDE: 95 50.0

## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE	93G01	STATION	010	Date	14JAN9
LAT	27 36.13N	LON	95 47.08W	Time	0134 GMT
Samples	12				

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 ( )	NO2 ( umol/l )	NH4 ( )	Urea ( )	PO4 ( )	SiO3 ( )	Chl ( mg/l )	Pha ( mg/l )
12	6	36.231	23.371	4.866	0.1	0.03	0.1	0.2	0.05	5.0		
11	21	36.231	23.370	4.925	0.1	0.03	0.1	0.1	0.05	4.8		
10	31	36.232	23.373	4.881	0.1	0.03	0.1	0.1	0.03	4.3		
9	41	36.231	23.376	4.876	0.1	0.03	0.1	0.2	0.04	4.2		
8	51	36.232	23.376	4.890	0.0	0.03	0.1	0.1	0.02	3.1		
7	62	36.233	23.387	4.913	0.0	0.03	0.1	0.2	0.03	1.9		
6	81	36.233	23.382	4.865	0.0	0.03	0.1	0.2	0.01	1.4		
5	100	36.387	22.668	4.589	0.4	0.10	0.1	0.1	0.04	0.9		
4	149	36.498	19.176	3.034	10.0	0.02	0.1	0.1	0.56	1.8		
3	200	36.130	15.633		11.2	0.02	0.0	0.0	0.70	3.0		
2	250	35.852	14.263	2.703	19.5	0.01	0.0	0.1	1.22	5.9		
1	300	36.233	10.580	2.598	27.2	0.02	0.0	0.0	1.79	13.4		



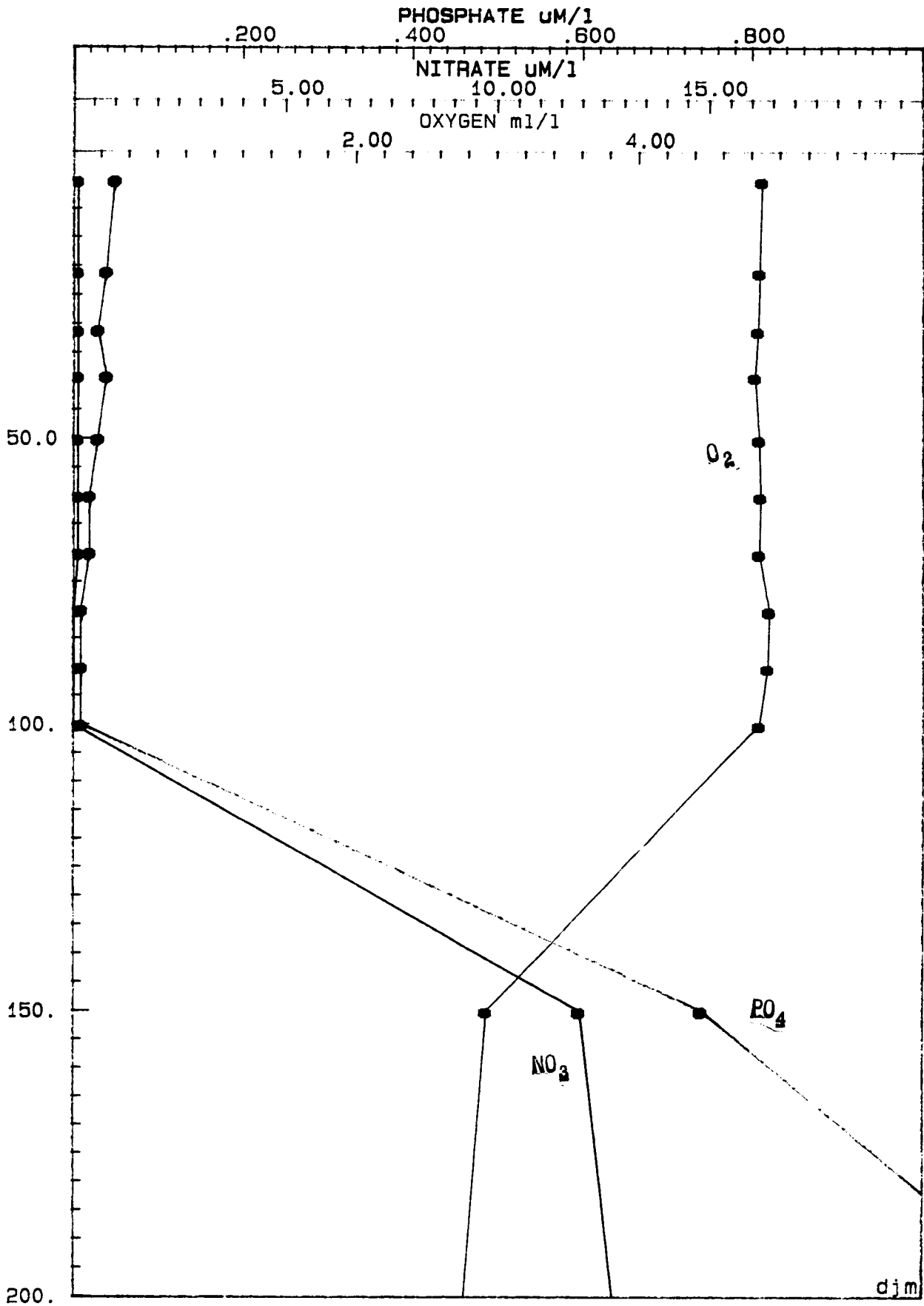


CRUISE: 93G01 STATION: B93G01\*10\*1 DATE: 4 JAN 93  
 LATITUDE: 27 36.1 LONGITUDE: 95 47.0

## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE	93G01	STATION	011	Date	14JAN9
LAT	27 41.45N	LON	95 42.15W	Time	0308 GMT
Samples	12				

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 ( )	NO2 umol/l	NH4 ( )	Urea	PO4	SiO3	Chl ( mg/l )	Pha
12	5	36.247	23.181	4.871	0.1	0.04	0.2	0.1	0.05	2.2		
11	21	36.251	23.180	4.852	0.1	0.03	0.0	0.1	0.04	2.0		
10	31	36.252	23.191	4.844	0.1	0.03	0.0	0.1	0.03	1.9		
9	39	36.249	23.194	4.824	0.1	0.03	0.1	0.4	0.04	1.6		
8	50	36.250	23.186	4.851	0.1	0.03	0.1	0.3	0.03	1.8		
7	60	36.248	23.183	4.855	0.1	0.03	0.0	0.2	0.02	2.1		
6	70	36.249	23.164	4.854	0.1	0.03	0.1	0.2	0.02	1.7		
5	80	36.240	23.184	4.917	0.0	0.04	0.0	0.1	0.01	1.0		
4	90	36.244	23.165	4.913	0.0	0.04	0.0	0.1	0.01	0.7		
3	100	36.211	23.041	4.846	0.0	0.06	0.1	0.1	0.01	0.8		
2	150	36.355	18.118	2.918	11.9	0.03	0.0	0.0	0.74	2.8		
1	251	35.586	12.439	2.606	13.5	0.02	0.1	0.0	1.56	8.2		

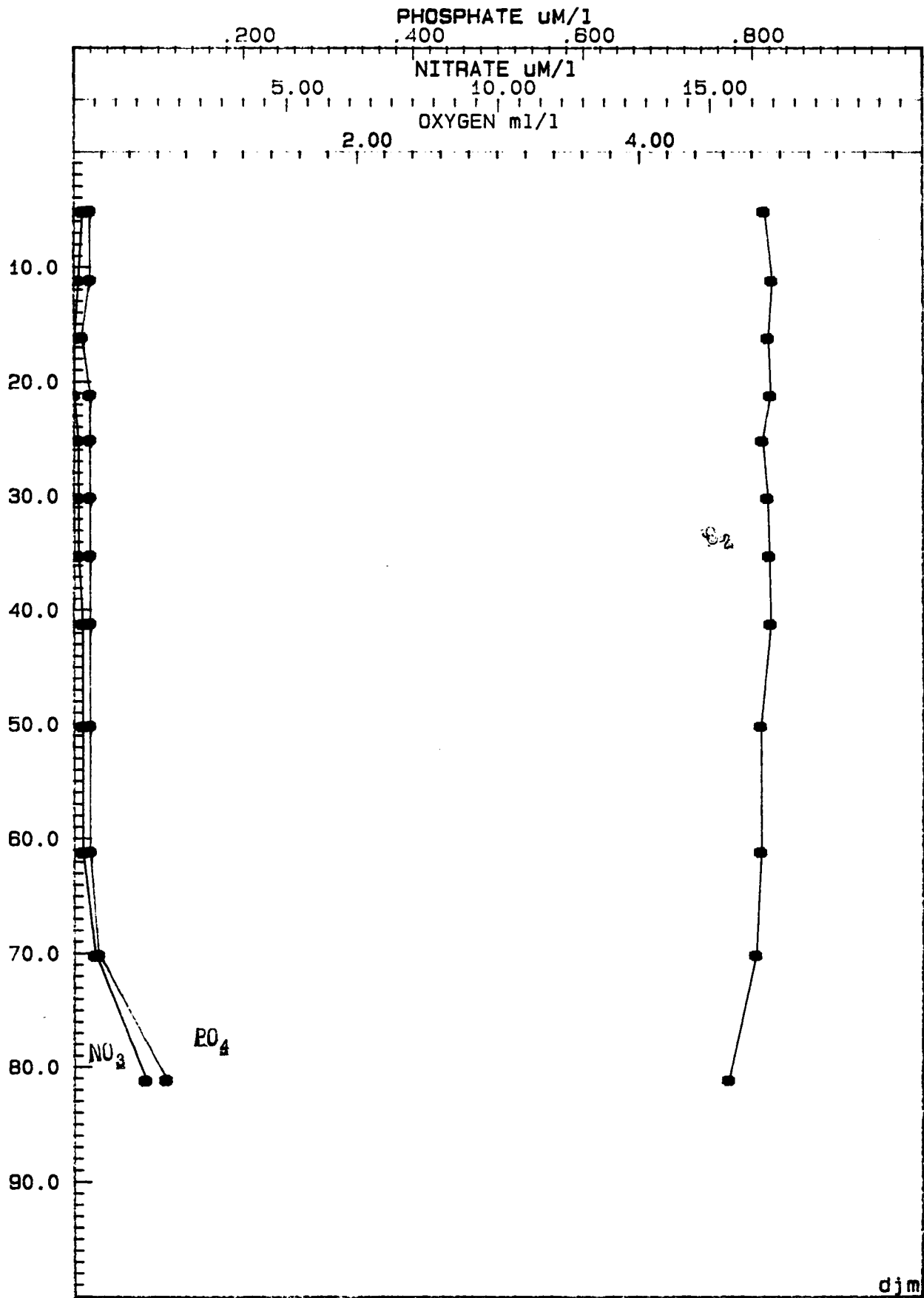


CRUISE: 93G01 STATION: B93G01\*11\*1 DATE: 4 JAN 93  
LATITUDE: 27 41.4 LONGITUDE: 95 42.1

## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE	93G01	STATION	012	Date	14JAN9
LAT	27 44.00N	LON	95 41.67W	Time	0357 GMT
Samples	12				

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 (	NO2 umol/l	NH4 )	Urea	PO4	SiO3	Chl ( mg/l )	Pha
12	5	36.202	22.991	4.886	0.2	0.03	0.0	0.3	0.02	4.3		
11	11	36.202	22.987	4.937	0.1	0.03	0.1	0.2	0.02	2.9		
10	16	36.203	22.993	4.911	0.0	0.03	0.0	0.1	0.01	1.5		
9	21	36.202	23.000	4.929	0.0	0.03	0.0	0.2	0.02	1.1		
8	25	36.203	23.001	4.875	0.1	0.02	0.0	0.0	0.02	0.8		
7	30	36.202	22.998	4.908	0.1	0.02	0.0	0.0	0.02	0.6		
6	35	36.200	23.001	4.919	0.1	0.02	0.1	0.2	0.02	1.4		
5	41	36.202	23.005	4.929	0.2	0.02	0.0	0.0	0.02	1.8		
4	50	36.202	23.008	4.860	0.2	0.02	0.1	0.0	0.02	1.7		
3	61	36.203	23.010	4.860	0.2	0.02	0.0	0.0	0.02	1.7		
2	70	36.168	23.011	4.826	0.5	0.04	0.0	0.0	0.03	1.6		
1	81	35.978	21.466	4.635	1.7	0.12	0.0	0.1	0.11	2.5		

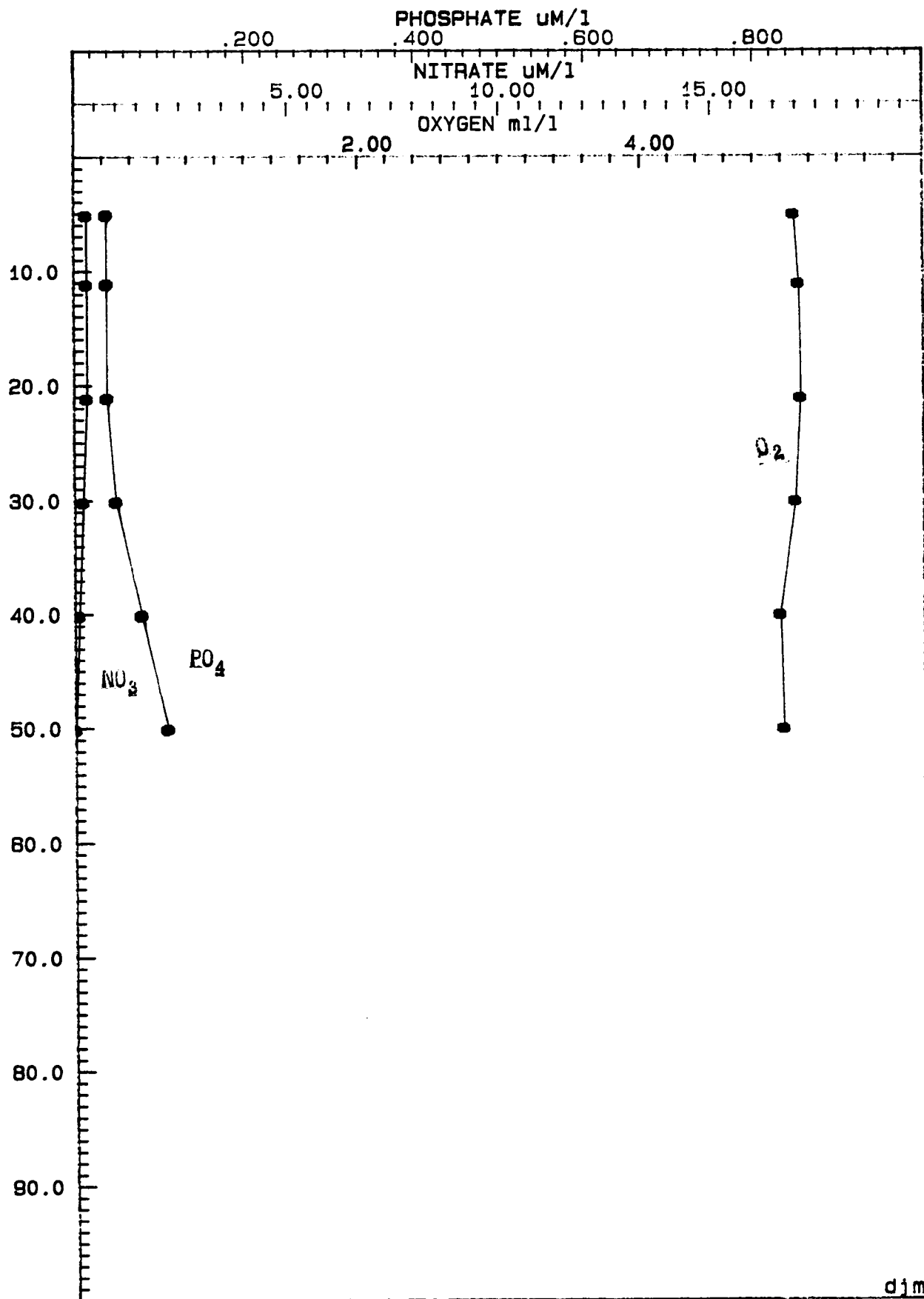


CRUISE: 93G01 STATION: B93G01\*12\*1 DATE: 4 JAN 93  
 LATITUDE: 27 44.0 LONGITUDE: 95 41.6

## TEXAS A&amp;M UNIVERSITY DEPT. of OCEANOGRAPHY HYDROGRAPHIC DATA

CRUISE	93G01	STATION	013	Date	14JAN9
LAT	28 00.9N	LON	95 30.2W	Time	0722 GMT
Samples	6				

Btl	Z (m)	S (ppt)	T (C)	O (ml/l)	NO3 (	NO2 umol/l	NH4 )	Urea	PO4	SiO3	Chl ( mg/l )	Pha
6	5	35.803	20.980	5.090	0.3	0.03	0.1	0.1	0.04	2.0		
5	11	35.803	20.994	5.123	0.3	0.03	0.1	0.1	0.04	2.4		
4	21	35.804	20.983	5.136	0.3	0.04	0.1	0.1	0.04	2.4		
3	30	35.806	21.006	5.095	0.2	0.04	0.1	0.1	0.05	1.5		
2	40	36.007	21.199	4.986	0.1	0.17	0.2	0.1	0.08	1.3		
1	50	36.037	20.854	5.008	0.0	0.09	0.4	0.3	0.11	1.3		



CRUISE: 93G01 STATION: B93G01\*13\*1 DATE: JAN 93  
 LATITUDE: 28 .9 LONGITUDE: 95 30.2

djm

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

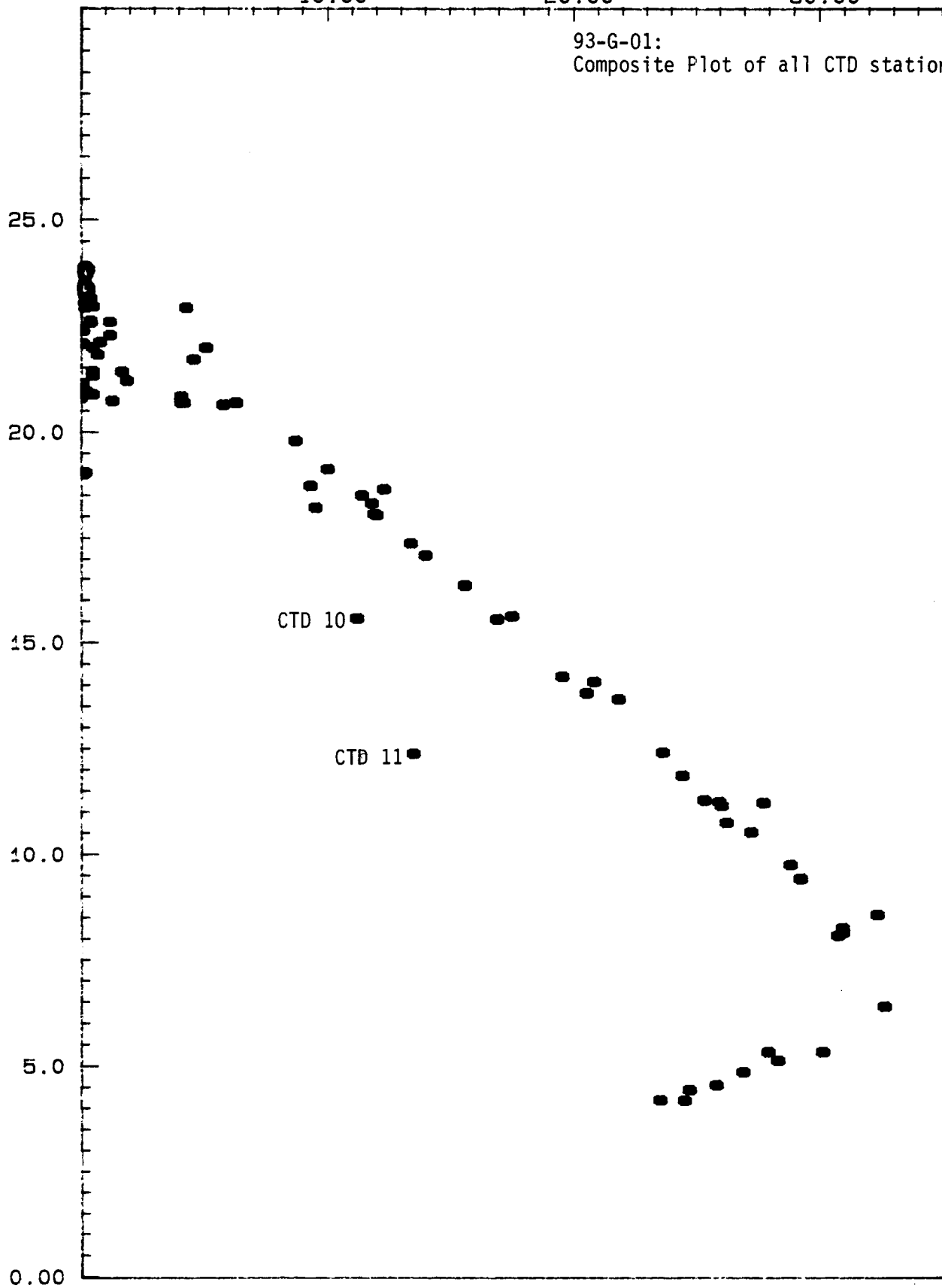
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20.00

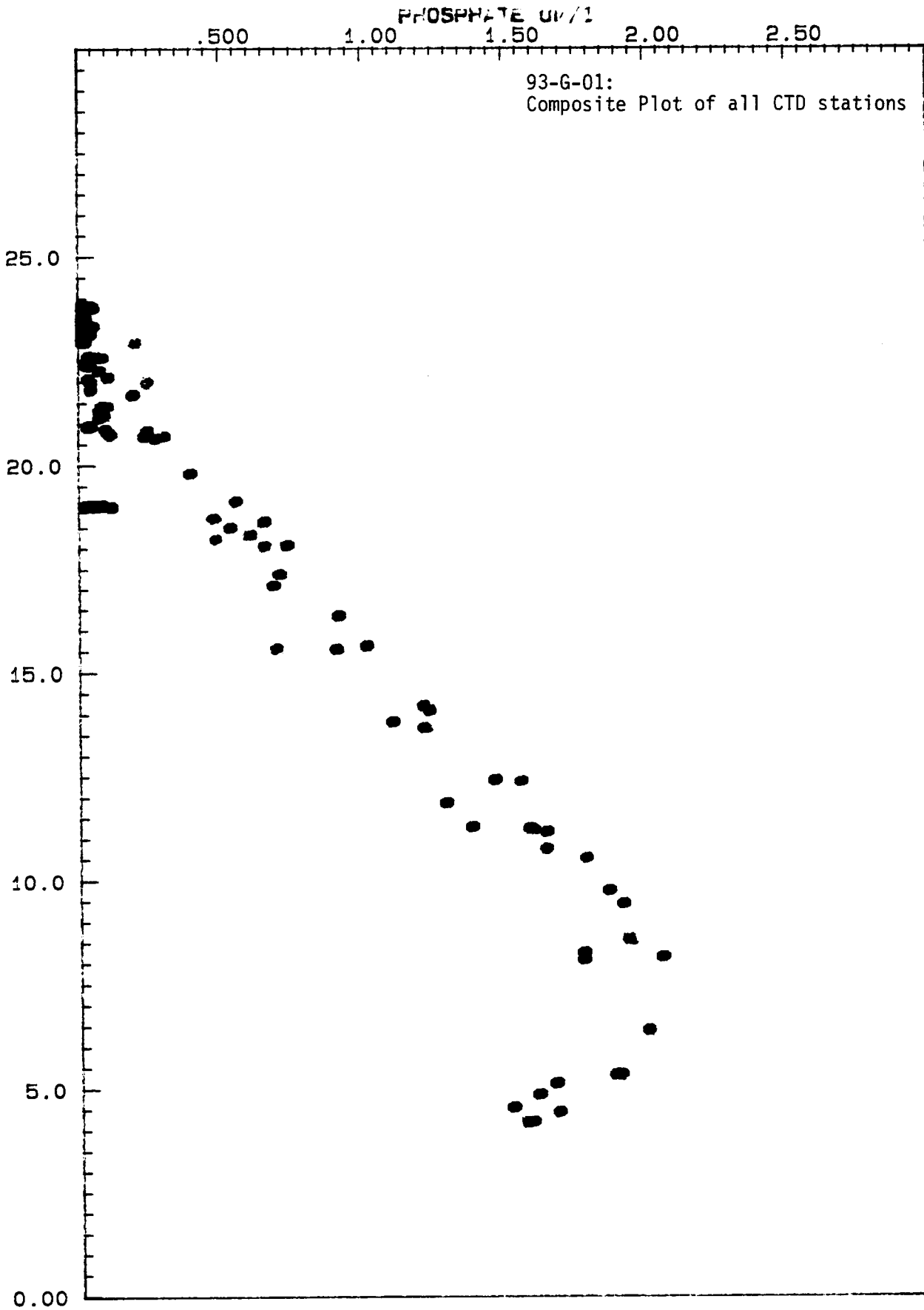
30.00

93-G-01:

Composite Plot of all CTD stations







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

10.00

20.00

30.00

93-G-01:  
Composite Plot of all CTD stations

25.0

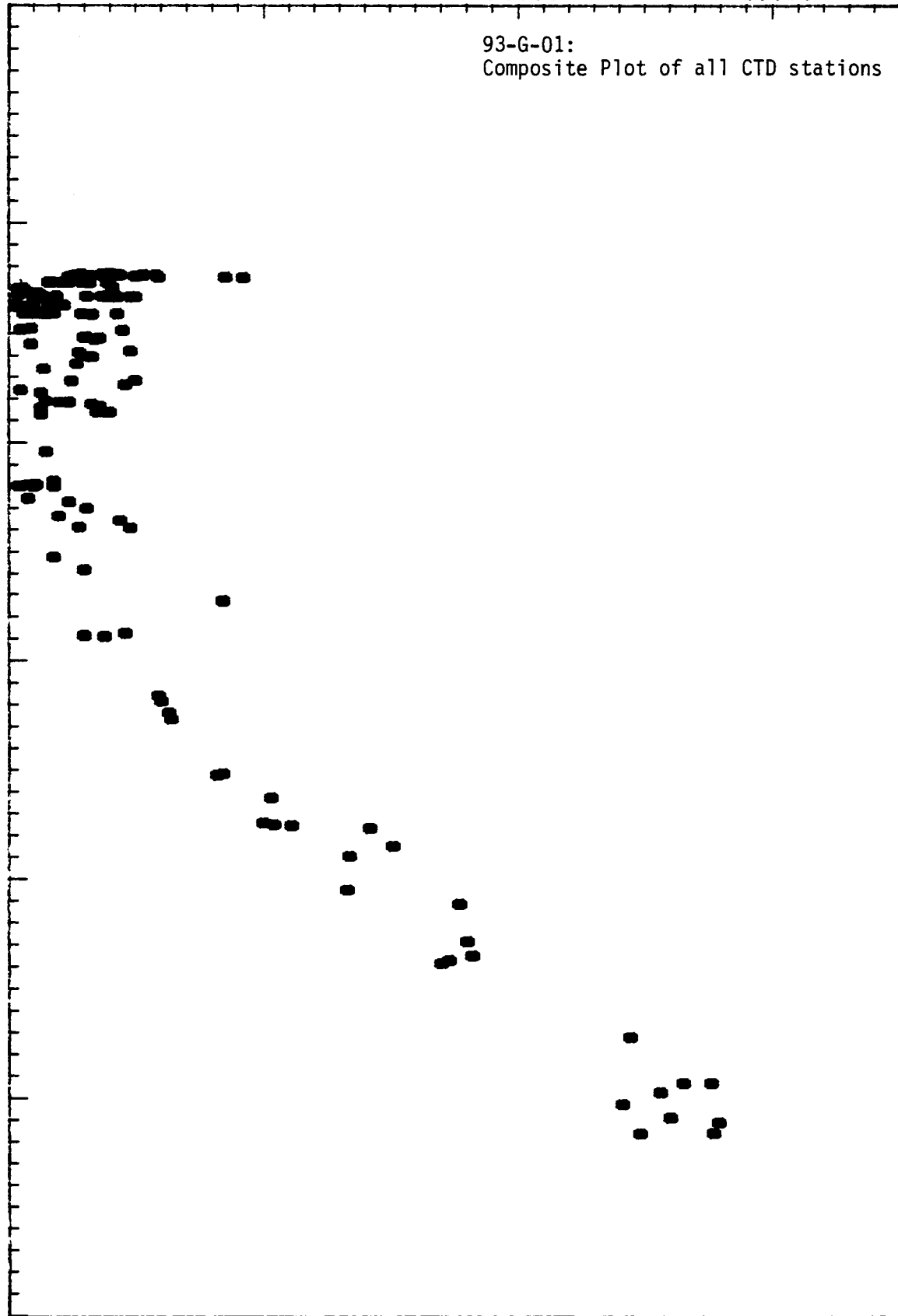
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15.0

10.0

5.0

0.00



OXYGEN ml/l

2.00

4.00

93-G-01:  
Composite Plot of all CTD stations

25.0

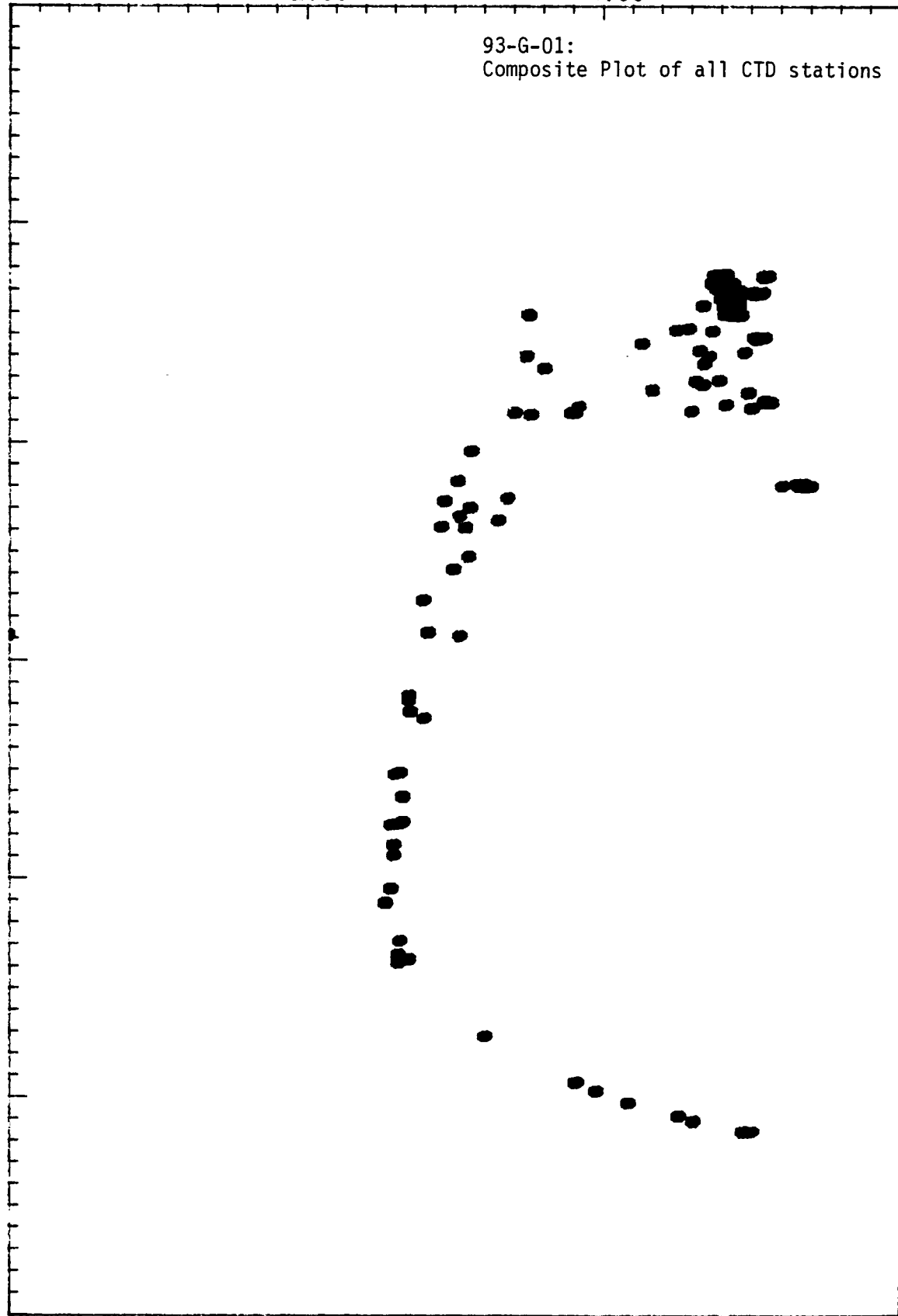
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15.0

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5.0

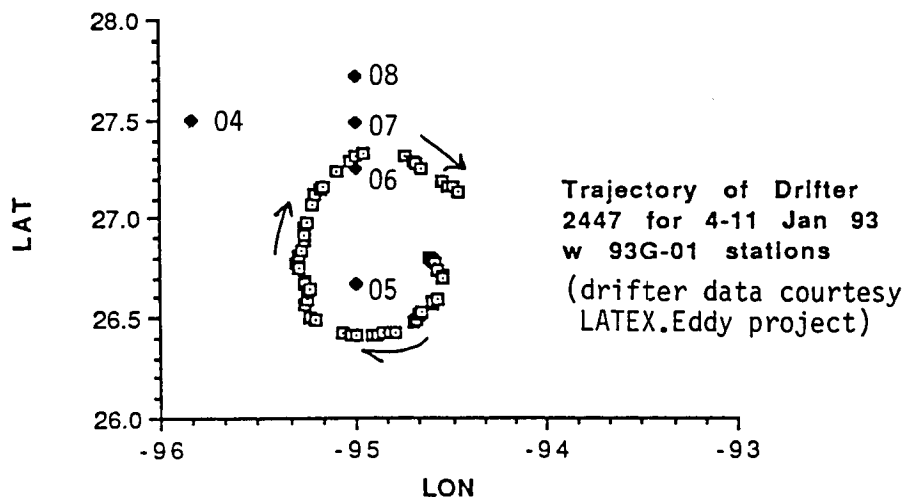
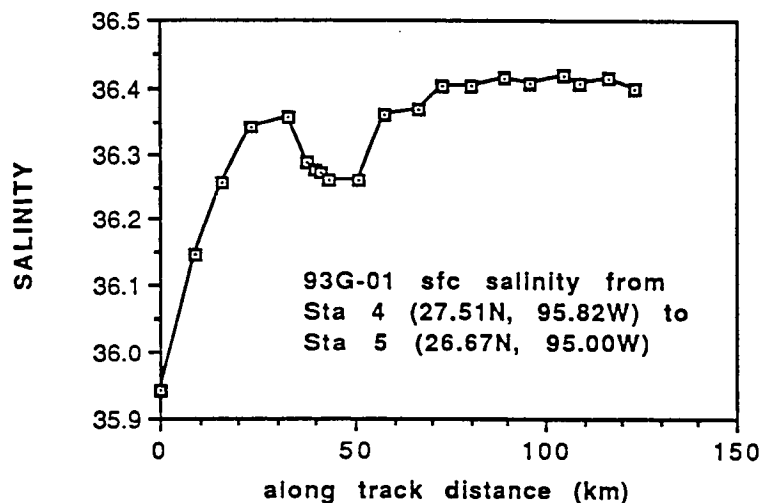
0.00



## UNDERWAY SAMPLING BETWEEN STATIONS 04 AND 05

Samples for salinity analysis were drawn every 30 minutes from a flow-through line in *Gyre's* main lab on 9 January, from 0430 GMT to 1400 GMT while *Gyre* was underway from Station 04 (27°30'N, 95°50'W) to Station 05 (26°40'N, 95°00'W). This series of 20 underway samples, which were analyzed on board ship, show that surface salinity increased sharply from 35.94 PSU to greater than 36.35 PSU shortly after *Gyre* departed Station 04, but then that it decreased again to a local low of 36.26 PSU before rising to  $36.40 \pm 0.01$  PSU for the remainder of the transit. The trajectory of ARGOS drifter 2447 for the period 4-11 Jan 93 shows that the zone of locally low surface salinity between Stations 04 and 05 was at or near the NW periphery of Eddy 'V'.

A Sippican T-7 XBT that was dropped at 27°16.9'N, 95°36.2'W while *Gyre* was underway between Stations 04 and 05 showed that depth of the 15°C isotherm was 256 m, which is about halfway between its depth of 171 m at CTD 04 and its depth of 329 m at CTD 05.



UNDERWAY SALINITY DATA  
COLLECTED 9 JAN BETWEEN STATIONS 4 & 5

	GMT	LATITUDE	LONGITUDE	SALINITY	DISTANCE (km)
1	04:30	27 30.6	94 49.5	35.94	0.0
2	05:00	27 27.4	94 46.3	36.15	8.7
3	05:30	27 24.0	95 43.0	36.26	15.9
4	06:00	27 20.6	95 39.8	36.34	23.2
5	06:30	27 17.1	95 36.4	36.36	32.9
6	07:00	27 15.1	95 34.2	36.29	37.8
7	07:30	27 14.8	95 33.3	36.28	39.6
8	08:00	27 14.7	95 32.3	36.27	41.4
9	08:30	27 13.9	95 31.0	36.26	43.1
10	09:00	27 11.0	95 27.9	36.26	50.5
11	09:30	27 07.9	95 24.7	36.36	57.7
12	10:00	27 04.5	95 21.4	36.37	66.2
13	10:30	27 02.3	95 19.3	36.40	72.8
14	11:00	26 58.9	95 15.9	36.40	80.0
15	11:30	26 55.4	95 13.1	36.41	88.9
16	12:00	26 52.1	95 10.4	36.41	96.1
17	12:30	26 48.4	95 07.4	36.42	105.0
18	13:00	26 46.4	95 05.9	36.41	109.0
19	13:30	26 43.0	95 03.2	36.41	116.2
20	14:00	26 40.2	95 00.2	36.40	123.6

### DYNAMIC HEIGHT

The table which follows summarizes dynamic height relative to a reference level of 800 db for CTD casts that were done to depths deeper than 800 m. Computations were made according to methods which have been reported previously (see Biggs, 1992: *J. Geophys. Res.*, 97: 2143-2154).

<u>CTD</u>	<u>MAX.SALIN</u>	<u>MIN.SALIN</u>	<u>DYN.HT</u>	<u>COMMENTS</u>
05	36.81 PSU	34.882 PSU	133.4 cm	cast to 1602 m
05A	36.82	n/a	n/a	cast to 299 m only
05B	n/a	n/a	n/a	cast to 110 m only
05C	36.82	n/a	n/a	cast to 253 m only
05D	36.82	n/a	n/a	cast to 749 m only
05E	36.82	34.882	132.2 cm	cast to 1598 m
05F	36.82	34.882	133.1 cm	cast to 1598 m
05G	36.82	34.882	132.5 cm	cast to 1602 m
05H	36.81	34.881	131.4 cm	cast to 1602 m
05I	36.81	34.881	131.7 cm	cast to 1603 m
05J	36.82	34.882	131.5 cm	cast to 1604 m
05K	36.82	34.882	132.7 cm	cast to 1599 m
05L	36.82	34.882	131.1 cm	cast to 1605 m
05M	36.82	34.883	131.2 cm	cast to 1603 m
06	36.67	34.882	123.7 cm	cast to 1123 m
07	36.48	34.886	117.5 cm	cast to 917 m

At Station 05 within Eddy 'V', dynamic height averaged  $132.1 \pm 0.8$  dyn cm ( $n = 10$ ), or 8.4 cm and 14.6 cm higher than that at Stations 06 and 07 over the adjacent slope to the north. The geostrophic transport across the 65 km which separated Station 5 (26 40N, 95 00W) and Station 6 (27 15N, 95 00W) was -3.9 Sverdrups, relative to 800 db, corresponding to an average velocity of -18 to -20 cm/sec in the upper 100 m, and the geostrophic transport across the 26 km which separated Station 6 (27 15N, 95 00W) and Station 7 (27 29N, 95 00W) was -2.1 Sverdrups, relative to 800 db, corresponding to an average velocity of -36 to -37 cm/sec in the upper 100 m. By comparison, in late October 1992, when CTD 27 was made within Eddy 'V' at 26 12N, 93 48W (before it had moved in to the NW corner of the Gulf), the dynamic height relative to 800 db was 142.1 cm at CTD 27 and 120 - 121 dyn cm at CTD 30-32 over the adjacent slope to the north (see TAMU Tech Report 93-02-T, page 318).

## ACKNOWLEDGMENTS

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As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interest of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in Island Territories under U.S. Administration.

