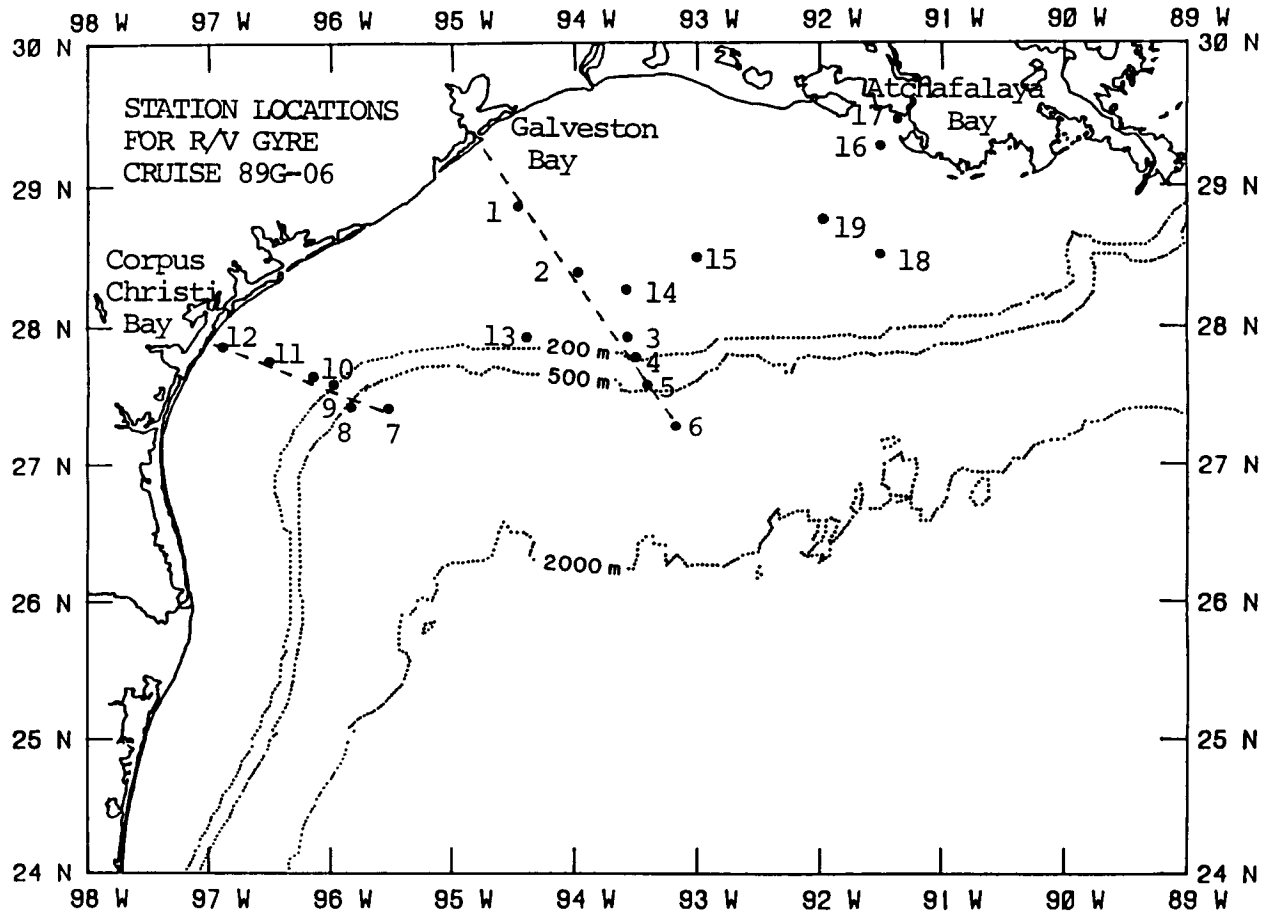


HYDROGRAPHIC DATA FROM THE TEXAS AND LOUISIANA  
CONTINENTAL SHELF OF THE NORTHWEST GULF OF MEXICO:  
TEXAS INSTITUTIONS GULF ECOSYSTEM RESEARCH CRUISE 89G-06



Technical Report 89-03-T of the Department of Oceanography  
of Texas A&M University, College Station, TX 77843

D.C. Biggs, Technical Editor  
Technical Support Services Group

23 June 1989

#### ABOUT THIS PUBLICATION:

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## BRIEF DESCRIPTION OF CRUISE AND SCIENTIFIC PROGRAM

From 16-25 May 1989, a 10-day cruise funded by the State of Texas for Training & Research in support of the Texas Institutions Gulf Ecosystem Research program was conducted with a shipboard science party of 19 persons. Participants were:

Dr. Gilbert Rowe, Professor (TAMU)	Chief Scientist
Dr. Martha Scott, Assoc Professor (TAMU)	radionuclide geochemistry
Dr. Anik YanPutt, Visiting Scientist (Univ Amsterdam)	radionuclide geochemistry
Dr. Kathleen Cole, Research Associate (TAMU)	radionuclide geochemistry
Dr. Gabe Benoit, Research Associate (TAMUG)	large-volume filtration
Mr. Greg Boland, Research Associate (TAMU)	benthic ecology
Mr. Mike Cooke	Electronics Tech (TAMU)
Mr. R.V. Pittman	Electronics Tech (TAMU)
Mr. Mark Spears	Marine Tech (TAMU)
Mr. Dennis Guffy	Marine Tech (TAMU)
Ms. Denise Hudson	<sup>14</sup> C Productivity Tech (TAMU)
Ms. Pat Lowry	Sea Grant staff (TAMUG)
Mr. Diego Lopez	Graduate Student (TAMU)
Mr. Jeff Kovacs	Graduate Student (TAMU)
Ms. Julie Gauthier	Graduate Student (TAMU)
Mr. Martin Ebel	Graduate Student (TAMU)
Mr. Bill Curtis	Graduate Student (TAMU)
Ms. Marta Cruz	Graduate Student (TAMU)
Mr. A.M. Al-Jabr	Graduate Student (TAMU)

### The principal scientific programs were:

- 1) Continue "standard" sections of the Texas continental shelf in water depths of 20m, 50m, 100m and 200m off Galveston and off Corpus Christi. At each station:
  - a) do a vertical profile of the water column with CTD/rosette multisampler, taking bottle samples every 5m (20m station), 10m (50m and 100m stations) or 20m (200m station) for analysis of nutrients + oxygen + chlorophyll;
  - b) sample with Small Box Core to describe total benthic fauna and flora, trace metal content, organic carbon, grain size, and petroleum hydrocarbon composition;
  - c) sample with 30-foot benthic Otter Trawl to describe epifauna and fish;
  - d) do net hauls for phytoplankton (0.2m net) zooplankton (1 m net) characterization;
- 2) Extend these "standard" sections seaward onto the upper slope in water depths of 500m and 1000m, to sample upper slope distributions of CO<sub>2</sub> and alkalinity in relation to Redfield oxidic remineralization vs. anaerobic sulfide metabolism;
- 3) Occupy a hydrographic station over the site of the 1974 "blow-out" of a Pennzoil platform (27 57.7 N, 94 24.1 W) to see if hypersaline brine might be present within the crater;
- 4) Occupy hydrographic stations in the Atchafalaya River and Bay, to follow up geochemical and radionuclide investigations begun there in March 1989 on GYRE cruise 89G-02;

**Principal Scientific Objectives of cruise 89G-06 (continued):**

- 5) Make daily measurements of  $^{14}\text{C}$  production to continue/extend the long-term comparative study of primary productivity at various locations and seasons on the Texas shelf;
- 6) Deploy drifting sediment traps to measure the flux of particulate matter out of surface waters concurrent with primary production measurements;
- 7) Test benthic lander respirometer package and towed multi-frequency towed fish;
- 8) Compile surface data on temperature, salinity, and chlorophyll continuously throughout the cruise to continue/extend the local reference data set begun on GYRE cruises 87G-10, 87G-11, 87G-12, 88G-05, and 89G-02.

**Science Log R/Y GYRE cruise 89G-06:**

DATE	GMT	GMT	LAT	LOX	STATION WORK
5-16	1710				depart dock in Galveston
5-17	2140 - 2347	28 54	94 22		STA 01: box coring
	0030 - 0040	28 54	94 29		STA 01: CTD
	0103 - 0133	28 54	94 27		STA 01: plankton tows
	0200 - 0245	28 54	94 27		STA 01: benthic trawling
	1309 - 1327	28 25	93 58		STA 02: box coring
	1350 - 1400	28 25	94 57		STA 02: CTD
	1409 - 1441	28 24	94 57		STA 02: plankton tows
	1500 - 1536	28 23	94 56		STA 02: benthic trawling
	1623 - 1634	28 20	94 54		STA 02: CTD
	2030 - 2115	27 58	93 33		STA 03: box coring
	2145 - 2201	27 58	93 32		STA 03: CTD
	2247 - 2300	27 58	93 32		STA 03: plankton tows
	2323 - 0015	27 58	93 32		STA 03: benthic trawling
5-18	0213 - 0258	27 47	93 31		STA 04: box coring
	0325 - 0402	27 47	93 31		STA 04: CTD
	0411 - 0442	27 47	93 31		STA 04: plankton tows
	0802 - 0834	27 35	93 22		STA 05: CTD cast 1
	1245 - 1321	27 35	93 22		STA 05: CTD cast 2 (for primary production)
	1345 - 1515	27 34	93 19		STA 05: box coring
	1708 - 1730	27 34	93 17		STA 05: plankton tows
	2041 - 2220	27 20	93 10		STA 06: box coring
	2301 - 0019	27 18	93 08		STA 06: CTD
	5-19 0036 - 0134	27 16	93 07		STA 06: plankton tows
	1445 - 1615	27 25	95 29		STA 07: box coring
	1711 - 1844	27 25	95 28		STA 07: CTD cast 1
	1917 - 2007	27 26	95 28		STA 07: plankton tows
	2042 - 2113	27 25	95 28		STA 07: CTD cast 2

**Science Log R/Y GYRE cruise 89G-06 (continued):**

5-20	0009 - 0115	27 28	95 48	STA 08: box coring
	0151 - 0236	27 28	95 47	STA 08: CTD
	0302 - 0355	27 29	95 47	STA 08: plankton tows
	0513 - 0534	27 33	95 58	STA 09: CTD
	0623 - 0715	27 33	95 58	STA 09: box coring
	1225 - 1244	27 37	96 13	STA 10: photometer cast
	1259	27 37	96 13	STA 10: deploy benthic lander
	1316 - 1323	27 38	96 13	STA 10: CTD cast 1 (for primary productivity)
	1437	27 38	96 13	STA 10: recover benthic lander
	1505	27 38	96 13	STA 10: deploy drifting sediment trap array
	1620 - 1746	27 38	96 12	STA 10: tow multi-frequency towed fish
	2102 - 2345	27 37	96 12	STA 10: box coring
5-21	0030	27 38	96 13	STA 10: recover drifting sediment trap array
	0116 - 0134	27 39	96 13	STA 10: CTD cast 2
	0150 - 0227	27 39	96 13	STA 10: plankton tows
	0531 - 0541	27 43	96 32	STA 11: CTD
	0553 - 0630	27 43	96 33	STA 11: box coring
	0702 - 0752	27 43	96 31	STA 11: benthic trawling
	0803 - 0838	27 43	96 31	STA 11: plankton tows
	1200 - 1210	27 50	96 53	STA 12: CTD (primary productivity)
	1223 - 1241	27 50	96 53	STA 12: plankton tows
	1348 - 1425	27 50	96 53	STA 12: box coring
	1506 - 1532	27 51	96 53	STA 12: benthic trawling
5-22	0600 - 0620	27 58	94 24	STA 13: CTD over Pennzoil blow-out crater
	0650 - 0700	27 58	94 24	STA 13: box core in blow-out crater
	1219 - 1224	28 17	93 38	STA 14: photometer cast
	1235 - 1245	28 17	93 37	STA 14: CTD (for primary productivity)
	1315 - 1325	28 18	93 37	STA 14: plankton tows
	1732 - 1746	28 29	92 59	STA 15: CTD
	1812 - 1840	28 28	92 58	STA 15: box coring
	1958 - 2021	28 28	92 59	STA 15: plankton tows
5-23	0655 - 0710	29 12	91 29	STA 16: plankton tows
	1154 - 1159	29 13	91 28	STA 16: photometer cast
	1207 - 1215	29 13	91 28	STA 16: CTD (for primary productivity)
	1722 - 1725	29 29	91 17	STA 17: CTD
	1752 - 1813	29 29	91 17	STA 17: plankton tows
	1845 - 1850	29 29	91 17	STA 17: box core
5-24	0445 - 0459	28 30	91 30	STA 18: CTD
	0508 - 0554	28 30	91 30	STA 18: plankton tows
	0615 - 0653	28 30	91 30	STA 18: box coring
	1149 - 1154	28 45	91 59	STA 19: photometer cast
	1200 - 1210	28 45	91 59	STA 19: CTD (for primary productivity)

**Science Log R/V GYRE cruise 89G-06 (continued):**

1300	28 45	91 59	STA 19: deploy drifting sediment trap array
1343 - 1405	28 45	91 59	STA 19: plankton tows
1520 - 1600	28 45	91 59	STA 19: box coring
1633 - 1706	28 44	91 57	STA 19: benthic trawling
2032 - 2215	28 45	91 54	STA 19: deploy multi-frequency tow fish
2300	28 45	91 53	STA 19: recover drifting sediment trap array
5-25	1930		return to dock at Galveston

**Acknowledgments:**

Ship time for R/V GYRE cruise 89G-06 was provided by Texas A&M University, for Training & Research support of graduate student theses and dissertations. A \$11,000 grant from the US Minerals Management Service provided salary support for the 2 TAMU Electronics Technicians and the 2 Marine Technicians who supported this research at sea, and the Texas A&M Sea Grant Program provided a \$5,400 minigrant to allow us to collect and process underway hydrographic data on T&R cruises during academic year 1988-1989. The Texas A&M Sea Grant Program also covered the xerox costs to produce 24 copies of this report.

The data archived in this report were collected by TAMU Department of Oceanography Marine Techs Dennis Guffy and Mark Spears, Electronics Techs Mike Cooke and RY Pittman, and Graduate Students Diego Lopez, Jeff Kovacs, Bill Curtis, Julie Gauthier, and Martin Ebel; Ken Bottom, Glenn Casey, and David Murphy helped with post-cruise processing. D.C. Biggs was responsible for quality control and served as technical editor. The hydrodata will be available on disc in account OCN602DB in subdirectory [.89G06] on the YAX 11/750 computer for six months (through 31 December 89); after that time this subdirectory will be archived on mag tape.

The CTD/rosette multisampler package, salinometer, dissolved oxygen titration rig, and autoanalyzer used to support this Training & Research program were awarded to TAMU by NSF grants for Oceanographic Instrumentation for R/V GYRE. Fluorometers were loaned by Dr. D.R. Schink and Dr. S.Z. El-Sayed.

At sea, the science party received cheerful support from the crew chartered to staff GYRE from Hornbeck Offshore Services and from Deck Engineers Desmond Rolf and David Barrow, who came along from the TAMU Marine Operations Group in Galveston to run GYRE's winches, cranes, and A-frames.

## CTD DATA

Temperature, salinity, and transmissivity were profiled with a Neil Brown Mark III CTD to which we mated a Seatech 25-cm pathlength transmissometer. The following pages present tables of 1 meter averaged CTD and transmissometer data. The raw data CTD salinities were corrected by +0.023 parts per thousand so that vertical profiles would more closely agree with bottle salinities. Triangles on the vertical profiles of corrected salinity verses depth represent bottle salinities determined using our Guildline Autosal Model 8400A.



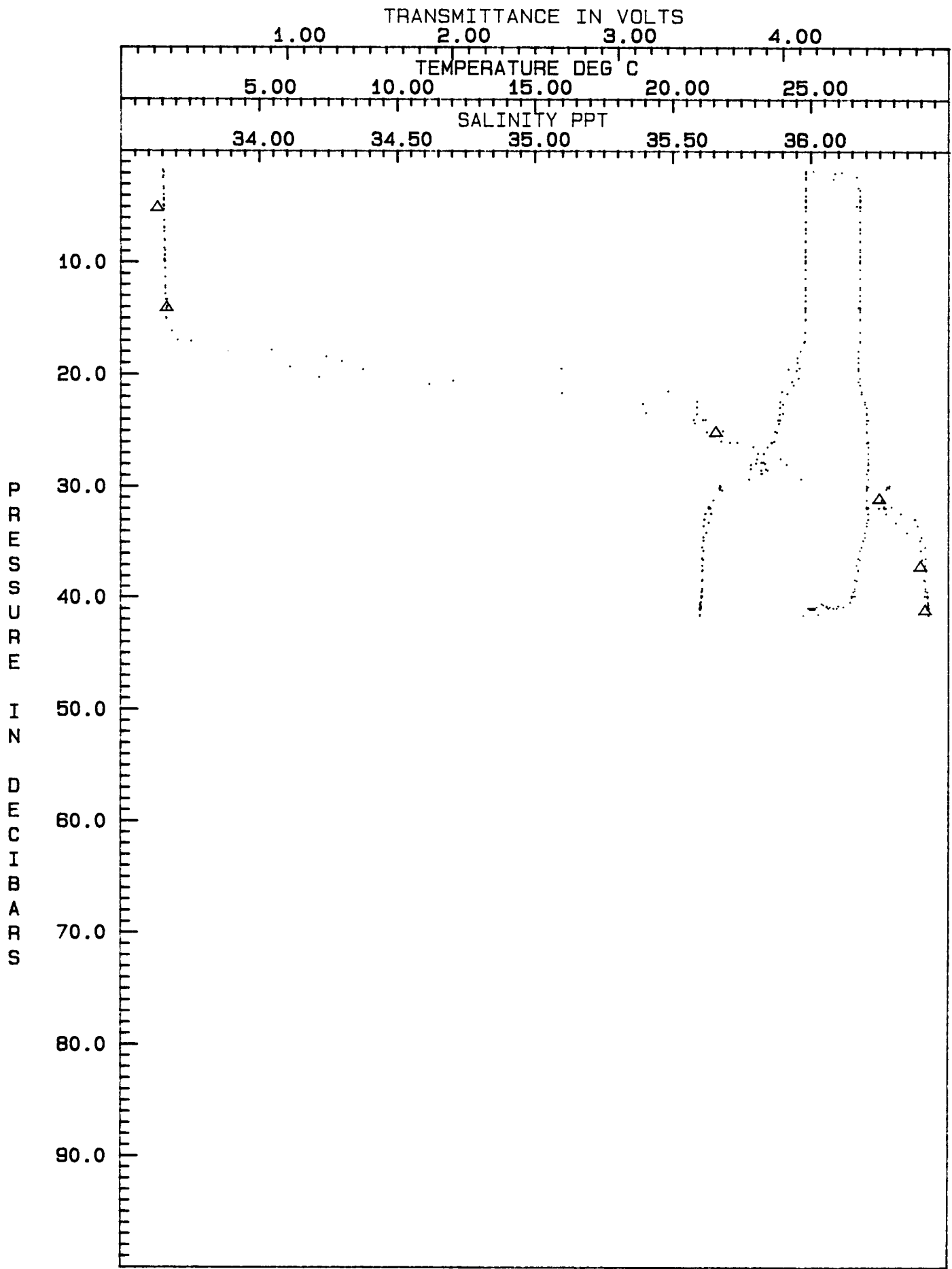


STATION N89G06+02\*1

CRUISE 89G06 DATE 17 MAY GMT 13:53:XX LAT 28 24.7 LON 93 57.5 DEPTH OFFSET 11.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
-11.0	0.090	33.023	22.133	0.00	15.0	24.809	33.665	22.392	4.46	31.3	21.315	36.265	25.372	4.50
1.8	24.819	33.652	22.379	4.18	15.1	24.809	33.666	22.393	4.46	31.3	21.326	36.293	25.391	4.50
2.0	24.819	33.656	22.382	4.31	16.2	24.795	33.686	22.412	4.46	31.9	21.367	36.246	25.343	4.50
1.9	24.819	33.654	22.381	4.35	17.0	24.778	33.707	22.433	4.46	32.4	21.187	36.326	25.454	4.51
2.5	24.819	33.653	22.380	4.30	17.1	24.769	33.756	22.476	4.46	32.9	21.143	36.379	25.506	4.51
2.3	24.817	33.655	22.382	4.44	17.9	24.627	34.046	22.735	4.45	32.9	21.149	36.376	25.503	4.51
3.3	24.817	33.655	22.382	4.45	18.5	24.524	34.242	22.914	4.45	32.4	21.395	36.272	25.355	4.51
3.5	24.817	33.656	22.383	4.46	19.5	24.199	35.096	23.657	4.45	33.5	21.122	36.387	25.518	4.50
4.0	24.818	33.656	22.383	4.46	18.9	24.525	34.299	22.956	4.45	33.2	21.309	36.308	25.407	4.50
4.4	24.817	33.656	22.383	4.46	19.4	24.598	34.112	22.793	4.45	34.5	21.107	36.401	25.533	4.49
5.0	24.820	33.657	22.383	4.46	20.6	24.330	34.705	23.322	4.45	34.1	21.228	36.348	25.459	4.49
4.4	24.819	33.657	22.383	4.46	19.6	24.494	34.376	23.024	4.45	34.8	21.120	36.396	25.525	4.48
4.9	24.817	33.657	22.384	4.46	20.3	24.560	34.216	22.883	4.46	35.4	21.076	36.415	25.552	4.47
4.5	24.817	33.657	22.384	4.46	20.9	24.391	34.618	23.238	4.46	35.7	21.112	36.399	25.530	4.46
4.9	24.815	33.655	22.383	4.46	21.5	23.961	35.484	24.021	4.47	36.4	21.072	36.417	25.555	4.46
4.9	24.815	33.655	22.383	4.46	21.7	24.158	35.098	23.670	4.47	37.0	21.072	36.415	25.553	4.44
5.0	24.816	33.656	22.383	4.46	22.4	23.704	35.590	24.118	4.49	36.8	21.104	36.403	25.535	4.46
4.3	24.816	33.656	22.383	4.46	22.9	23.903	35.589	24.118	4.50	37.5	21.070	36.418	25.556	4.45
4.9	24.815	33.655	22.383	4.44	22.6	24.006	35.792	23.938	4.49	37.4	21.096	36.405	25.539	4.45
4.4	24.815	33.656	22.383	4.46	23.5	23.878	35.589	24.125	4.50	38.4	21.073	36.415	25.553	4.44
5.3	24.816	33.657	22.384	4.46	24.0	23.335	35.621	24.162	4.51	38.3	21.083	36.411	25.547	4.43
6.3	24.815	33.657	22.384	4.46	24.0	23.347	35.611	24.151	4.51	39.2	21.075	36.415	25.552	4.43
6.3	24.815	33.659	22.385	4.46	24.0	23.394	35.577	24.112	4.50	39.9	21.075	36.413	25.551	4.43
6.9	24.815	33.658	22.385	4.46	23.4	24.006	35.403	23.946	4.50	39.4	21.071	36.415	25.554	4.43
7.0	24.815	33.659	22.385	4.46	24.3	23.955	35.581	24.126	4.50	39.9	21.039	36.425	25.570	4.41
7.3	24.815	33.658	22.385	4.46	25.0	23.719	35.684	24.244	4.50	39.5	21.050	36.422	25.565	4.42
8.0	24.812	33.659	22.387	4.46	25.1	23.786	35.625	24.180	4.50	39.9	21.050	36.421	25.564	4.42
8.1	24.812	33.660	22.387	4.46	26.0	23.602	35.710	24.298	4.51	39.9	21.047	36.422	25.565	4.41
9.0	24.809	33.661	22.389	4.46	25.7	23.692	35.678	24.248	4.51	39.9	21.046	36.421	25.565	4.41
8.8	24.812	33.659	22.387	4.46	26.0	23.585	35.736	24.323	4.50	40.0	21.045	36.423	25.567	4.41
9.5	24.812	33.660	22.387	4.46	26.4	23.441	35.795	24.410	4.51	39.9	21.046	36.422	25.566	4.41
10.0	24.811	33.661	22.389	4.46	27.0	23.311	35.912	24.461	4.51	39.9	21.036	36.424	25.570	4.41
9.4	24.812	33.660	22.387	4.46	27.5	23.069	35.993	24.593	4.51	40.4	21.018	36.425	25.576	4.40
10.0	24.810	33.660	22.388	4.46	28.0	22.841	35.915	24.675	4.51	40.8	21.016	36.424	25.575	4.36
9.8	24.811	33.659	22.387	4.46	27.9	23.226	35.931	24.500	4.51	40.9	21.013	36.427	25.579	4.32
9.9	24.811	33.659	22.387	4.46	27.9	23.359	35.804	24.441	4.51	41.5	20.996	36.426	25.585	4.21
10.0	24.811	33.659	22.387	4.46	28.5	23.219	35.846	24.514	4.51	40.7	21.027	36.423	25.572	4.33
9.9	24.811	33.660	22.388	4.46	28.4	23.388	35.785	24.418	4.51	40.9	21.017	36.423	25.574	4.30
10.6	24.811	33.661	22.389	4.46	28.8	23.250	35.823	24.487	4.50	40.8	21.018	36.424	25.575	4.28
11.4	24.811	33.662	22.389	4.46	29.3	22.784	35.967	24.731	4.51	40.9	20.995	36.429	25.585	4.27
12.4	24.810	33.662	22.390	4.46	30.0	21.739	36.276	25.263	4.51	40.8	21.009	36.424	25.577	4.26
12.2	24.811	33.662	22.389	4.46	29.9	21.712	36.285	25.277	4.50	41.6	20.984	36.426	25.586	4.12
13.4	24.804	33.669	22.397	4.46	30.1	21.699	36.283	25.279	4.50	40.7	21.015	36.423	25.575	4.26
14.0	24.804	33.669	22.397	4.46	30.2	21.718	36.274	25.267	4.50	40.8	21.017	36.423	25.574	4.20
14.0	24.804	33.669	22.397	4.45	30.3	21.807	36.202	25.187	4.50	40.9	21.009	36.424	25.577	4.19
14.0	24.806	33.668	22.395	4.46	31.2	21.482	36.256	25.319	4.50	40.9	21.001	36.425	25.580	4.18
12.9	24.811	33.662	22.389	4.46	31.9	21.310	36.247	25.360	4.50	40.7	21.002	36.423	25.581	4.18
13.4	24.809	33.664	22.391	4.46	31.8	21.505	36.266	25.375	4.51	40.9	21.003	36.427	25.578	4.18
14.4	24.807	33.667	22.394	4.46	31.9	21.327	36.265	25.369	4.50	40.7	21.001	36.424	25.579	4.18
14.2	24.808	33.666	22.393	4.46	31.9	21.367	36.271	25.362	4.51	41.0	21.001	36.424	25.578	4.18





CRUISE: 89G06 STATION: N89G06\*02\*1 DATE: 17 MAY  
 GMT: 13: 53: XX LATITUDE: 28 24.7 LONGITUDE: 93 57.5  
 TRIANGLES DENOTE DISCRETE SAMPLES

STATION 18R335+02\*2

CRUISE 09G06 DATE 27 MAY GMT 16:03:XX LAT 28 10.2 LON 93 54.4 DEPTH OFFSET 11.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
-11.0	0.000	33.823	-1.138	0.00	18.0	24.468	34.207	22.804	4.46	34.8	22.434	36.055	24.399	4.48
.9	24.986	33.547	22.250	4.27	17.9	24.576	34.113	22.801	4.46	34.9	22.476	36.029	24.867	4.48
1.0	24.988	33.554	22.254	3.95	17.7	24.519	34.934	22.729	4.46	34.9	22.472	36.017	24.892	4.49
1.5	24.990	33.553	22.253	4.32	18.5	24.272	34.890	22.871	4.46	34.9	22.501	36.092	24.931	4.48
1.6	24.987	33.553	22.254	4.26	19.1	24.771	34.799	23.792	4.46	35.0	22.459	36.008	24.855	4.49
2.4	24.979	33.551	22.255	4.43	19.9	24.225	35.063	23.624	4.47	34.9	22.450	36.009	24.869	4.45
3.0	24.976	33.552	22.256	4.47	20.4	24.131	35.075	23.313	4.49	34.9	22.419	36.032	24.985	4.49
3.0	24.978	33.553	22.257	4.46	21.0	24.077	35.195	24.007	4.49	35.4	21.979	36.119	25.076	4.49
3.0	24.982	33.553	22.255	4.47	20.3	24.280	34.911	23.493	4.48	35.9	21.376	36.057	25.058	4.49
2.9	24.982	33.553	22.255	4.47	21.6	24.174	35.257	23.798	4.48	36.6	21.573	36.159	25.220	4.49
3.0	24.984	33.552	22.254	4.47	21.5	24.171	35.171	23.722	4.49	36.7	22.000	36.093	25.050	4.49
2.9	24.983	33.553	22.255	4.47	22.6	24.112	35.743	23.870	4.49	37.0	21.484	36.154	25.241	4.49
3.0	24.983	33.553	22.255	4.47	22.5	24.098	35.763	23.889	4.50	37.6	21.306	36.166	25.299	4.50
2.9	24.981	33.552	22.255	4.47	23.0	24.023	35.511	24.023	4.50	37.4	21.667	36.119	25.163	4.49
2.9	24.983	33.553	22.255	4.47	23.6	23.933	35.583	24.104	4.50	37.9	21.342	36.158	25.283	4.49
2.9	24.985	33.552	22.254	4.46	23.6	23.986	35.533	24.051	4.50	38.5	21.176	36.163	25.333	4.50
3.0	24.985	33.551	22.253	4.47	24.0	23.861	35.629	24.161	4.50	38.7	21.447	36.134	25.236	4.49
3.0	24.985	33.552	22.254	4.47	24.5	23.695	35.680	24.251	4.51	38.9	21.149	36.171	25.346	4.50
3.4	24.992	33.552	22.252	4.47	24.9	23.506	35.720	24.334	4.51	39.5	21.017	36.157	25.372	4.50
4.0	25.001	33.551	22.248	4.47	24.8	23.699	35.664	24.235	4.50	39.9	21.027	36.137	25.354	4.51
4.2	24.991	33.552	22.252	4.47	25.5	23.403	35.760	24.395	4.51	39.9	21.028	36.133	25.354	4.51
5.4	24.989	33.552	22.253	4.47	26.0	23.063	35.939	24.553	4.50	40.0	21.017	36.148	25.365	4.50
6.5	24.988	33.552	22.253	4.47	26.2	23.268	35.906	24.469	4.50	39.3	21.009	36.149	25.367	4.50
7.4	24.975	33.553	22.258	4.47	27.0	23.126	35.911	24.514	4.50	39.7	21.124	36.146	25.334	4.50
7.9	24.956	33.557	22.266	4.47	27.4	23.114	35.944	24.543	4.50	40.3	20.975	36.153	25.380	4.51
8.0	24.958	33.555	22.264	4.47	28.5	22.672	36.000	24.799	4.49	40.9	20.921	36.151	25.420	4.51
8.0	24.958	33.556	22.265	4.47	28.9	22.674	35.992	24.782	4.49	40.9	20.814	36.150	25.422	4.51
8.0	24.957	33.557	22.266	4.47	28.9	22.685	35.990	24.777	4.49	41.2	20.839	36.166	25.427	4.51
7.7	24.978	33.554	22.257	4.47	28.9	22.702	35.983	24.767	4.49	41.9	20.786	36.186	25.457	4.50
8.0	24.980	33.553	22.256	4.47	28.5	23.018	35.879	24.597	4.49	41.9	20.789	36.184	25.455	4.50
8.5	24.962	33.555	22.263	4.47	29.5	22.671	35.996	24.786	4.49	41.9	20.302	36.178	25.447	4.51
9.0	24.946	33.557	22.269	4.46	29.7	22.817	35.948	24.707	4.49	42.0	20.794	36.186	25.455	4.51
9.0	24.954	33.556	22.266	4.47	30.4	22.556	36.001	24.794	4.49	41.9	20.781	36.196	25.466	4.51
8.8	24.968	33.554	22.260	4.47	31.4	22.573	36.013	24.827	4.49	41.9	20.772	36.202	25.473	4.51
9.4	24.949	33.557	22.268	4.47	32.0	22.500	36.014	24.848	4.49	42.0	20.791	36.191	25.462	4.51
10.0	24.936	33.561	22.275	4.47	31.9	22.529	35.999	24.829	4.48	42.3	20.721	36.219	25.500	4.51
10.3	24.942	33.560	22.273	4.47	30.6	22.741	35.970	24.746	4.49	42.9	20.670	36.236	25.526	4.50
10.9	24.932	33.564	22.279	4.47	31.4	22.660	35.991	24.785	4.49	43.2	20.694	36.227	25.513	4.50
10.9	24.933	33.563	22.278	4.47	32.4	22.505	36.019	24.851	4.49	43.9	20.572	36.226	25.591	4.50
11.0	24.932	33.563	22.278	4.47	33.5	22.280	36.077	24.959	4.49	43.9	20.625	36.256	25.554	4.50
11.4	24.924	33.570	22.286	4.47	33.9	22.215	36.076	24.977	4.49	43.9	20.587	36.277	25.580	4.50
12.4	24.893	33.596	22.315	4.47	31.9	22.624	35.993	24.797	4.48	43.8	20.599	36.267	25.569	4.50
13.5	24.862	33.626	22.347	4.47	32.5	22.538	36.927	24.847	4.48	43.9	20.579	36.278	25.593	4.50
14.4	24.848	33.644	22.365	4.46	33.4	22.480	36.030	24.866	4.48	43.5	20.603	36.265	25.567	4.50
15.5	24.821	33.676	22.397	4.46	34.0	22.509	36.021	24.851	4.48	43.5	20.600	36.262	25.565	4.50
15.9	24.785	33.730	22.448	4.46	32.9	22.591	36.004	24.815	4.49	43.9	20.580	36.272	25.578	4.50
16.5	24.750	33.790	22.504	4.46	33.4	22.587	36.308	24.819	4.48	43.5	20.615	36.257	25.557	4.50
17.0	24.739	33.827	22.536	4.46	34.5	22.376	36.045	24.907	4.48	43.9	20.587	36.268	25.573	4.50
17.5	24.598	34.068	22.760	4.46	34.9	22.033	36.124	25.064	4.48	44.2	20.591	36.270	25.574	4.50
18.0	24.506	34.168	22.863	4.46	35.0	22.228	36.065	24.964	4.48	44.8	20.551	36.290	25.600	4.50

STATION N89G06\*02\*2 CPUSE 29606 DATE 17 MAY GMT 16:23:XX LAT 28 20.0 LON 93 54.4 DEPTH OFFSET 11.

DEPTH	TEMP	SALT	SIGMA-T	XSH
44.9	20.555	36.286	25.596	4.50

DEPTH	TEMP	SALT	SIGMA-T	XSH
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DEPTH	TEMP	SALT	SIGMA-T	XSH
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TRANSMITTANCE IN VOLTS

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TEMPERATURE DEG C

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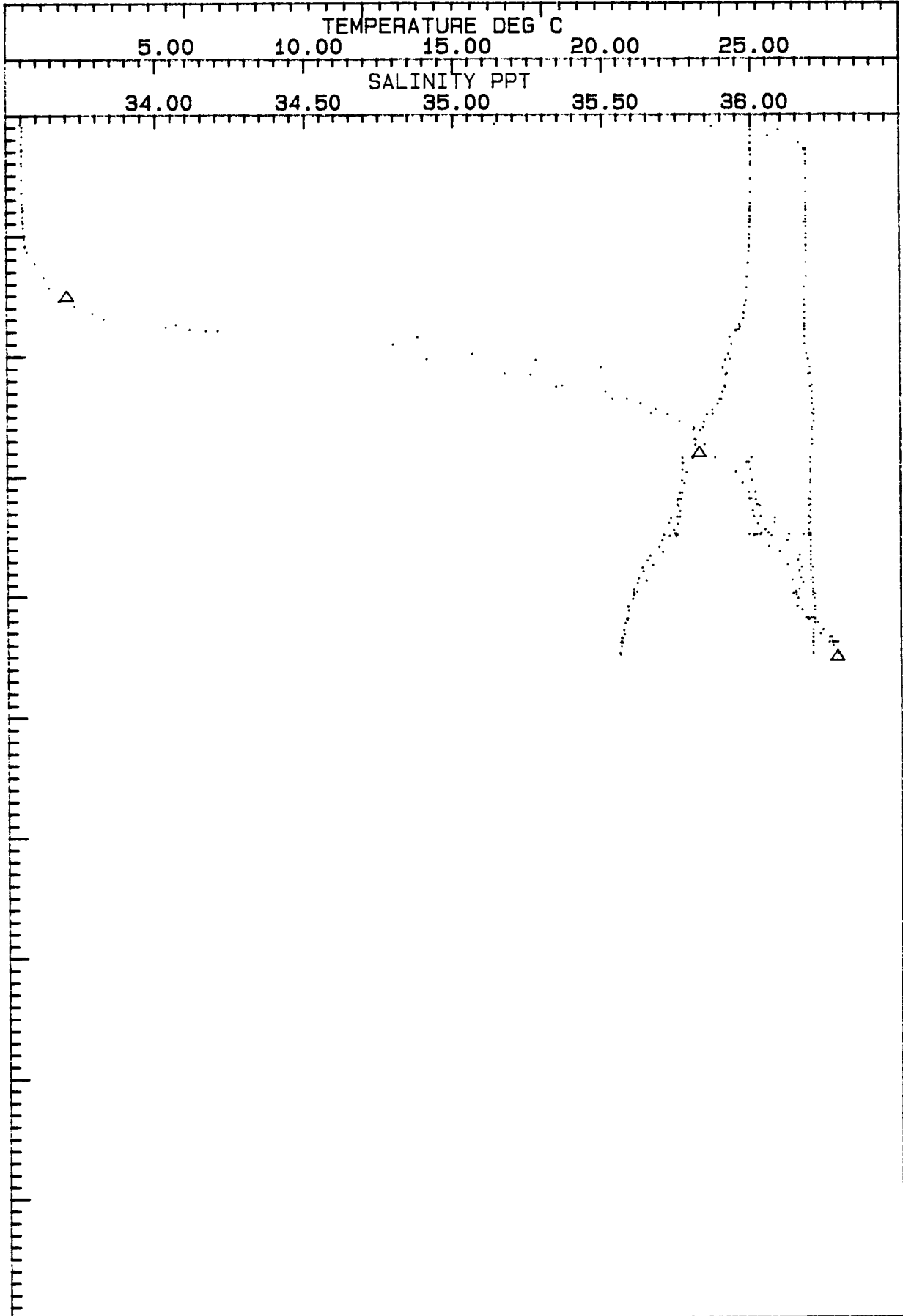
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CRUISE: 89G06

STATION: N89G06\*02\*2

DATE: 17 MAY

GMT: 16: 23: XX

LATITUDE: 28 20.0

LONGITUDE: 93 54.4

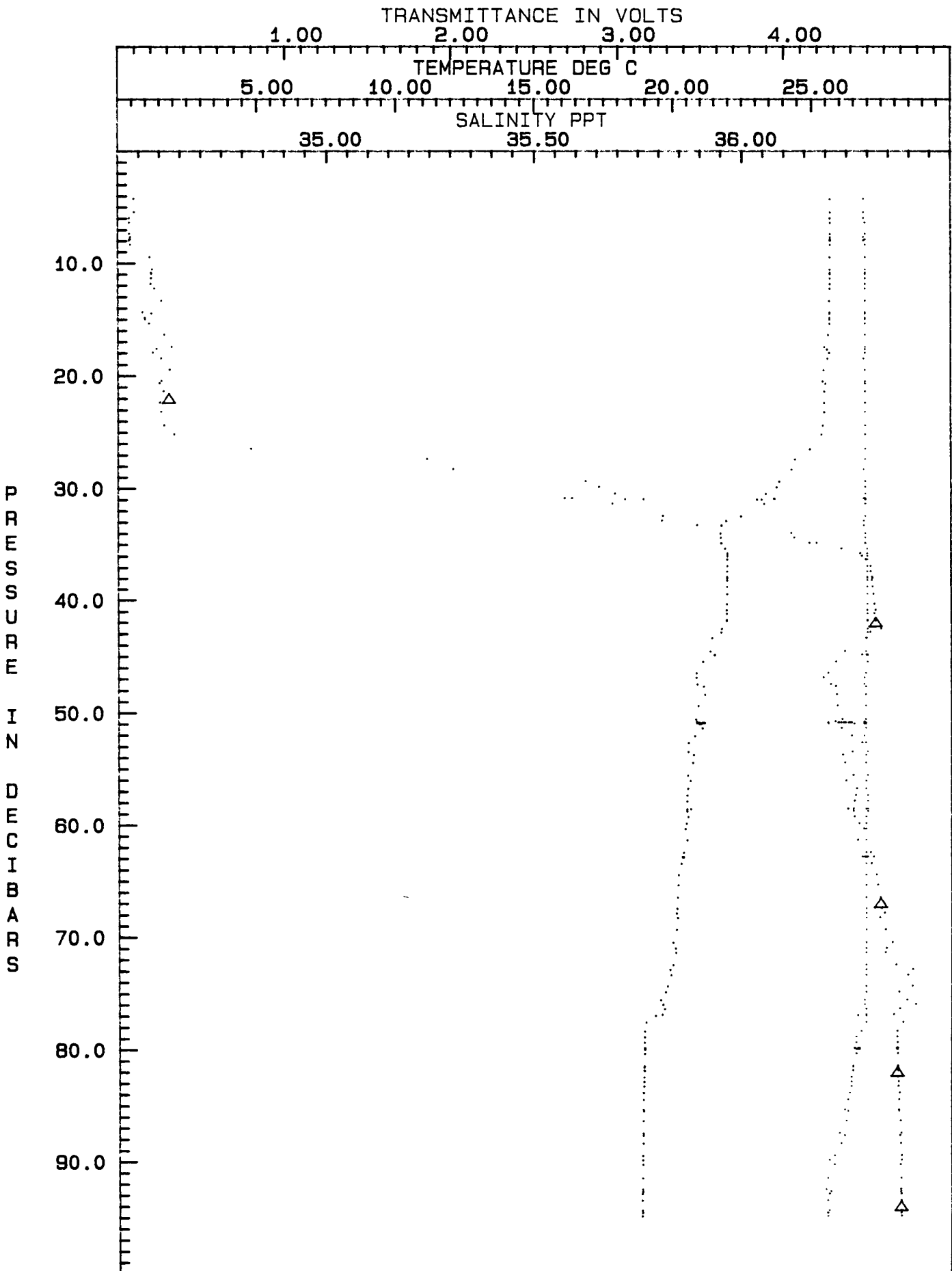
TRIANGLES DENOTE DISCRETE SAMPLES

STATION N89806+03\*1 CRUISE 89606 DATE 17 MAY GBT 21:45:00 LAT 22 57.2 LON 93 32.2 DEPTH OFFSET 11.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
-11.0	0.000	34.923	22.138	0.00	32.9	21.994	36.005	24.361	4.47	51.4	21.920	36.235	25.430	4.48
4.3	25.640	34.538	22.798	4.47	33.3	21.725	36.090	24.973	4.47	52.1	20.743	36.259	25.524	4.47
5.5	25.640	34.539	22.799	4.47	34.0	21.639	36.117	25.156	4.48	52.7	20.508	36.294	25.607	4.48
6.0	25.637	34.527	22.791	4.47	34.4	21.701	36.124	25.157	4.48	53.5	20.500	36.261	25.592	4.49
6.4	25.638	34.527	22.791	4.48	34.9	21.714	36.160	25.181	4.48	53.3	20.705	36.238	25.519	4.48
7.4	25.640	34.527	22.790	4.48	34.9	21.731	36.177	25.189	4.48	54.5	20.471	36.243	25.531	4.48
7.9	25.642	34.527	22.789	4.48	35.4	21.854	36.236	25.200	4.49	55.6	20.486	36.263	25.597	4.49
8.0	25.642	34.527	22.789	4.47	35.8	21.937	36.291	25.211	4.49	56.1	20.574	36.246	25.560	4.48
8.0	25.642	34.527	22.789	4.47	36.0	21.933	36.285	25.215	4.49	56.3	20.481	36.271	25.604	4.48
7.7	25.643	34.530	22.791	4.47	36.3	21.929	36.294	25.223	4.49	57.4	20.453	36.269	25.610	4.49
7.9	25.642	34.530	22.792	4.48	36.9	21.934	36.306	25.230	4.49	57.9	20.449	36.266	25.609	4.49
8.4	25.641	34.530	22.792	4.48	37.4	21.930	36.306	25.232	4.49	58.6	20.444	36.263	25.608	4.49
9.5	25.628	34.527	22.931	4.48	37.9	21.926	36.309	25.235	4.49	58.9	20.447	36.263	25.607	4.49
10.6	25.631	34.533	22.835	4.48	38.0	21.926	36.310	25.236	4.49	59.6	20.589	36.250	25.559	4.48
11.0	25.631	34.531	22.833	4.48	38.2	21.929	36.308	25.234	4.49	59.3	20.491	36.266	25.598	4.48
10.9	25.631	34.530	22.833	4.48	38.8	21.924	36.310	25.237	4.49	59.9	20.427	36.277	25.623	4.48
11.4	25.632	34.530	22.833	4.48	39.6	21.922	36.312	25.239	4.49	60.4	20.450	36.289	25.644	4.48
11.9	25.633	34.529	22.831	4.48	40.4	21.911	36.314	25.247	4.49	61.4	20.455	36.273	25.613	4.48
12.3	25.625	34.538	22.841	4.48	40.9	21.907	36.317	25.248	4.49	62.5	20.376	36.294	25.674	4.48
13.4	25.604	34.535	22.960	4.48	40.9	21.904	36.317	25.248	4.49	62.9	20.723	36.284	25.656	4.47
14.4	25.625	34.539	22.919	4.48	41.2	21.915	36.314	25.242	4.49	62.9	20.311	36.297	25.670	4.48
14.9	25.615	34.535	22.827	4.48	41.9	21.910	36.317	25.246	4.49	62.9	20.297	36.311	25.688	4.48
15.0	25.617	34.536	22.826	4.48	41.3	21.909	36.315	25.245	4.49	63.5	20.233	36.306	25.698	4.48
14.5	25.622	34.531	22.836	4.48	42.6	21.727	36.330	25.307	4.49	64.5	20.133	36.318	25.733	4.48
15.4	25.617	34.525	22.833	4.48	42.9	21.703	36.304	25.294	4.49	65.4	20.124	36.321	25.738	4.48
16.4	25.567	34.612	22.877	4.48	43.4	21.373	36.295	25.379	4.48	66.5	20.099	36.327	25.750	4.48
17.5	25.429	34.630	22.933	4.48	44.6	21.309	36.243	25.357	4.48	67.5	20.090	36.330	25.757	4.48
17.7	25.527	34.593	22.875	4.48	44.9	21.461	36.284	25.346	4.49	67.9	20.056	36.337	25.769	4.48
18.0	25.604	34.534	22.844	4.48	44.9	21.470	36.295	25.352	4.49	68.3	20.105	36.326	25.747	4.48
18.5	25.541	34.604	22.879	4.47	45.5	21.040	36.222	25.415	4.49	69.4	20.058	36.339	25.769	4.48
19.5	25.403	34.625	22.937	4.48	46.5	20.799	36.203	25.467	4.48	70.5	19.937	36.356	25.815	4.48
20.5	25.369	34.605	22.932	4.48	46.9	20.801	36.192	25.457	4.47	71.0	20.028	36.342	25.780	4.48
20.7	25.468	34.600	22.998	4.48	47.5	20.833	36.210	25.462	4.47	71.4	20.534	36.339	25.776	4.48
21.4	25.421	34.610	22.920	4.48	47.7	21.067	36.222	25.407	4.48	72.5	19.942	36.365	25.820	4.48
22.4	25.417	34.601	22.914	4.48	48.4	21.109	36.224	25.398	4.48	72.9	19.826	36.405	25.882	4.48
23.2	25.422	34.604	22.915	4.48	49.4	20.865	36.226	25.466	4.48	73.4	19.864	36.393	25.862	4.48
24.4	25.373	34.611	22.935	4.48	50.6	20.786	36.237	25.496	4.48	74.4	19.737	36.404	25.904	4.48
25.2	25.322	34.635	22.969	4.48	50.8	20.809	36.220	25.477	4.47	74.9	19.656	36.372	25.901	4.48
26.5	24.913	34.819	23.233	4.48	50.9	20.829	36.234	25.482	4.48	75.6	19.485	36.391	25.960	4.47
27.4	24.372	35.242	23.716	4.48	51.0	20.915	36.204	25.436	4.48	76.0	19.569	36.412	25.954	4.47
28.3	24.250	35.305	23.800	4.47	50.9	20.903	36.256	25.478	4.47	76.4	19.631	36.374	25.909	4.48
29.4	23.805	35.622	24.172	4.48	50.9	20.918	36.252	25.471	4.47	76.9	19.538	36.359	25.922	4.48
29.9	23.717	35.654	24.222	4.48	50.9	20.933	36.240	25.472	4.48	77.0	19.292	36.273	25.920	4.48
30.5	23.326	35.692	24.366	4.48	50.9	20.820	36.259	25.503	4.47	77.6	18.953	36.382	26.091	4.48
31.0	23.006	35.761	24.511	4.48	51.0	20.760	36.266	25.470	4.47	78.4	18.701	36.367	26.093	4.45
31.0	23.177	35.716	24.427	4.48	50.9	21.013	36.203	25.408	4.48	78.9	18.896	36.367	26.094	4.42
30.9	23.648	35.589	24.193	4.48	50.9	21.038	36.245	25.433	4.47	79.4	18.894	36.368	26.096	4.42
30.9	23.620	35.571	24.188	4.47	50.9	21.093	36.227	25.404	4.48	79.9	18.895	36.367	26.095	4.41
31.4	23.270	35.686	24.377	4.48	50.9	21.095	36.228	25.404	4.48	79.9	18.895	36.367	26.095	4.41
32.5	22.426	35.807	24.712	4.48	50.9	21.094	36.228	25.405	4.48	79.9	18.901	36.366	26.092	4.41







CRUISE: 89G06 STATION: N89G06\*03\*1 DATE: 17 MAY  
 GMT: 21: 45: XX LATITUDE: 27 57.9 LONGITUDE: 93 32.2  
 TRIANGLES DENOTE DISCRETE SAMPLES

STATION N89G16\*04\*1

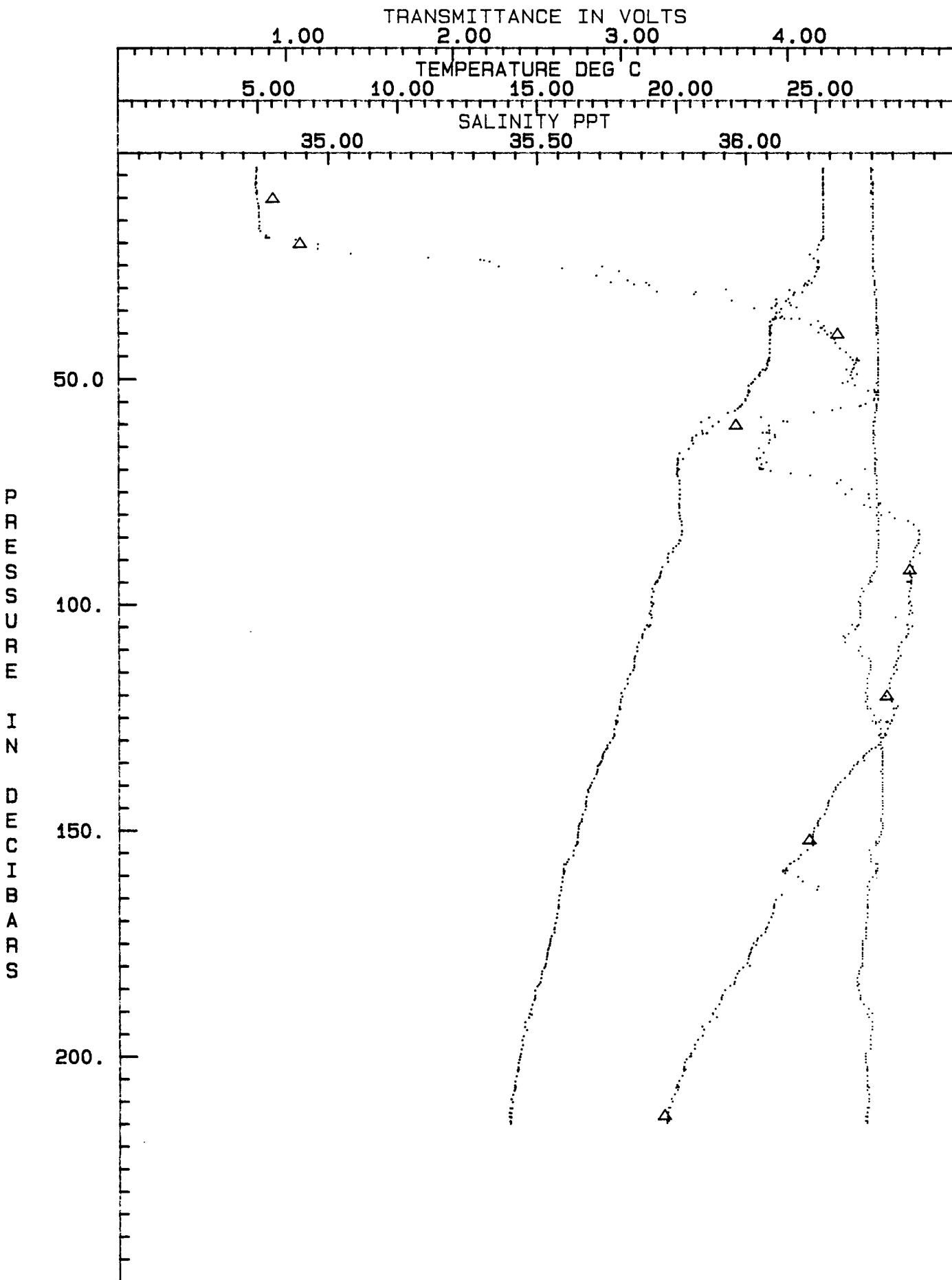
CRUISE 39G06 DATE 18 MAY GMT 03:25:00 LAT 27 46.7 LON 93 31.2 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
-10.0	0.000	.023	-1.138	0.00	23.4	24.914	35.240	23.551	4.50	46.7	23.257	36.256	24.913	4.53
3.5	25.241	34.870	23.141	4.49	23.9	25.056	35.765	23.602	4.50	47.6	23.219	36.256	24.924	4.53
3.9	25.240	34.871	23.142	4.50	24.0	25.055	35.774	23.609	4.50	48.0	23.179	36.238	24.927	4.53
4.0	25.239	34.871	23.143	4.49	24.3	25.064	35.787	23.616	4.50	47.9	23.095	36.253	24.861	4.53
4.0	25.239	34.871	23.143	4.49	25.4	25.101	35.555	23.307	4.50	48.5	22.798	36.250	24.984	4.53
3.5	25.242	34.871	23.142	4.49	25.8	25.056	35.559	23.749	4.50	49.0	22.952	36.263	24.907	4.53
4.4	25.240	34.870	23.141	4.49	25.4	25.032	35.409	23.642	4.50	49.2	22.773	36.248	24.890	4.53
5.3	25.240	34.870	23.141	4.49	26.4	24.992	35.695	23.871	4.51	49.9	22.803	36.252	24.942	4.53
5.7	25.240	34.870	23.141	4.49	27.4	24.938	35.441	23.947	4.50	50.6	22.738	36.241	24.952	4.53
6.0	25.237	34.829	23.142	4.49	28.4	24.736	35.716	23.965	4.51	50.9	22.677	36.229	24.961	4.52
6.6	25.239	34.829	23.141	4.50	28.7	24.601	35.760	24.039	4.51	51.4	22.580	36.258	25.011	4.53
6.9	25.241	34.871	23.142	4.50	29.4	24.563	35.767	24.055	4.51	52.4	22.582	36.304	25.045	4.53
7.0	25.241	34.829	23.140	4.50	28.9	24.838	35.675	23.903	4.51	52.9	22.585	36.309	25.048	4.53
7.0	25.241	34.870	23.141	4.49	29.3	24.687	35.731	23.991	4.51	52.6	22.607	36.289	25.027	4.53
7.0	25.241	34.828	23.140	4.50	30.4	24.044	35.952	24.351	4.52	52.9	22.585	36.305	25.045	4.53
6.9	25.241	34.829	23.140	4.50	31.0	24.214	35.879	24.245	4.51	53.5	22.541	36.309	25.061	4.53
7.0	25.241	34.829	23.140	4.50	30.9	24.505	35.786	24.087	4.51	54.3	22.466	36.304	25.078	4.53
7.0	25.240	34.829	23.141	4.50	31.5	24.179	35.875	24.252	4.51	54.6	22.470	36.303	25.076	4.53
7.3	25.238	34.828	23.141	4.50	32.5	23.560	36.101	24.607	4.52	55.5	22.347	36.283	25.096	4.52
7.9	25.237	34.829	23.142	4.50	32.9	23.920	35.966	24.398	4.52	55.9	22.280	36.272	25.107	4.52
8.5	25.239	34.871	23.143	4.49	33.4	23.536	36.104	24.602	4.52	55.9	22.276	36.271	25.107	4.52
8.9	25.240	34.832	23.143	4.50	33.9	23.543	36.107	24.616	4.52	56.0	22.283	36.269	25.104	4.52
9.0	25.240	34.871	23.142	4.49	34.4	23.402	36.120	24.668	4.52	56.4	22.186	36.224	25.097	4.52
9.0	25.241	34.870	23.141	4.49	34.6	23.749	36.019	24.490	4.52	56.9	22.087	36.204	25.110	4.52
9.0	25.241	34.870	23.141	4.49	35.5	23.576	36.080	24.586	4.52	57.4	21.824	36.160	25.151	4.51
8.9	25.241	34.871	23.142	4.50	36.4	23.541	36.086	24.601	4.52	58.5	21.149	36.035	25.243	4.51
8.9	25.243	34.871	23.141	4.49	36.9	23.446	36.127	24.660	4.52	59.5	20.364	36.098	25.369	4.50
9.3	25.240	34.871	23.142	4.50	36.9	23.487	36.091	24.621	4.52	59.4	21.501	36.088	25.186	4.51
10.4	25.241	34.832	23.143	4.50	36.9	23.470	36.108	24.639	4.52	60.4	21.284	36.054	25.220	4.50
11.4	25.244	34.834	23.143	4.50	36.7	23.555	36.082	24.594	4.52	61.4	20.900	36.055	25.326	4.50
12.0	25.245	34.836	23.145	4.49	37.4	23.350	36.171	24.722	4.52	61.9	21.091	36.039	25.261	4.50
12.0	25.246	34.835	23.144	4.50	38.5	23.342	36.185	24.735	4.53	61.9	21.069	36.049	25.275	4.50
12.5	25.245	34.836	23.145	4.50	38.9	23.349	36.180	24.729	4.52	62.0	20.917	36.055	25.322	4.50
13.4	25.245	34.836	23.145	4.50	38.9	23.350	36.177	24.726	4.53	62.4	20.699	36.068	25.393	4.51
14.0	25.246	34.836	23.144	4.50	38.2	23.401	36.154	24.694	4.52	62.9	20.545	36.069	25.433	4.50
14.4	25.246	34.836	23.144	4.50	39.5	23.343	36.187	24.736	4.53	63.5	20.537	36.056	25.425	4.50
15.4	25.245	34.837	23.145	4.50	40.0	23.339	36.202	24.749	4.53	64.2	20.569	36.054	25.415	4.50
16.3	25.244	34.837	23.146	4.50	39.9	23.381	36.172	24.714	4.52	65.4	20.414	36.030	25.438	4.51
16.9	25.245	34.836	23.145	4.50	40.4	23.349	36.193	24.739	4.52	66.4	20.070	36.042	25.540	4.51
17.5	25.243	34.839	23.147	4.49	41.4	23.343	36.210	24.753	4.53	67.5	20.009	36.033	25.549	4.51
18.5	25.241	34.953	23.159	4.50	42.2	23.341	36.212	24.755	4.53	67.9	20.015	36.026	25.542	4.52
18.9	25.241	34.952	23.158	4.50	43.4	23.330	36.223	24.767	4.53	67.6	20.200	36.025	25.492	4.51
19.0	25.240	34.852	23.158	4.50	44.2	23.329	36.237	24.778	4.53	68.5	20.011	36.048	25.560	4.51
19.0	25.239	34.856	23.161	4.50	45.5	23.301	36.263	24.806	4.53	68.9	19.994	36.036	25.555	4.51
19.0	25.237	34.860	23.165	4.50	45.9	23.269	36.266	24.818	4.53	69.6	20.003	36.031	25.549	4.51
19.0	25.237	34.860	23.165	4.50	46.0	23.277	36.268	24.817	4.53	69.9	20.036	36.032	25.541	4.51
19.4	25.174	34.923	23.232	4.50	45.9	23.305	36.262	24.804	4.53	69.9	20.035	36.034	25.543	4.51
20.4	25.091	34.975	23.297	4.50	45.9	23.318	36.253	24.793	4.53	69.9	20.056	36.040	25.542	4.45
21.4	25.046	34.975	23.310	4.50	45.3	23.323	36.247	24.788	4.53	69.9	20.038	36.036	25.543	4.51
22.5	24.767	35.054	23.454	4.50	46.5	23.245	36.260	24.820	4.53	70.4	19.992	36.058	25.573	4.51

STATION N89G06\*04\*1 CRUISE 09G06 DATE 18 MAY GMT 03:25:00 LAT 27.46.0 LON 93.31.2 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
70.9	19.977	36.106	25.613	4.51	101.4	19.027	36.389	26.078	4.42	133.5	17.702	36.278	26.424	4.55
71.4	20.009	36.152	25.640	4.52	102.0	19.977	36.393	26.094	4.42	134.0	17.239	36.275	26.425	4.55
72.4	20.076	36.224	25.677	4.52	102.7	19.044	36.386	26.071	4.42	133.6	17.279	36.276	26.428	4.55
73.1	20.072	36.219	25.671	4.52	103.0	19.059	36.353	26.042	4.42	134.6	17.244	36.278	26.438	4.55
74.4	20.098	36.250	25.693	4.52	104.6	19.036	36.381	26.107	4.37	134.9	17.222	36.263	26.432	4.55
75.5	20.092	36.290	25.726	4.52	104.6	19.998	36.382	26.090	4.41	135.4	17.186	36.261	26.439	4.55
75.5	20.093	36.235	25.683	4.52	104.9	19.955	36.393	26.099	4.40	135.7	17.120	36.253	26.449	4.55
76.4	20.076	36.291	25.728	4.52	105.5	19.910	36.384	26.129	4.39	135.5	17.110	36.250	26.449	4.55
77.5	20.054	36.318	25.754	4.53	106.5	19.733	36.383	26.148	4.35	137.0	17.090	36.245	26.450	4.54
77.9	20.065	36.279	25.722	4.53	107.0	19.718	36.379	26.149	4.32	137.5	17.072	36.243	26.452	4.55
78.4	20.067	36.294	25.733	4.52	107.7	19.719	36.373	26.149	4.33	139.5	16.984	36.232	26.465	4.55
79.5	20.062	36.339	25.768	4.53	108.4	19.591	36.367	26.172	4.33	139.4	16.903	36.221	26.476	4.55
80.2	20.091	36.320	25.749	4.52	109.4	19.535	36.361	26.182	4.42	140.0	16.964	36.215	26.481	4.55
80.9	20.087	36.352	25.772	4.53	110.3	19.541	36.359	26.179	4.41	140.5	16.925	36.210	26.486	4.55
81.5	20.145	36.384	25.781	4.53	111.4	19.458	36.365	26.204	4.43	141.0	16.760	36.210	26.502	4.55
82.3	20.154	36.397	25.788	4.53	111.9	19.436	36.359	26.205	4.47	141.5	16.782	36.205	26.493	4.55
83.6	20.160	36.410	25.796	4.53	112.5	19.433	36.355	26.203	4.48	142.5	16.715	36.202	26.506	4.55
83.7	20.161	36.409	25.795	4.52	113.4	19.432	36.353	26.202	4.49	143.5	16.699	36.194	26.504	4.55
84.4	20.144	36.411	25.802	4.53	113.9	19.432	36.349	26.199	4.48	144.0	16.685	36.192	26.506	4.55
85.6	20.066	36.410	25.822	4.53	114.5	19.391	36.356	26.214	4.48	144.6	16.699	36.192	26.502	4.55
85.7	20.101	36.408	25.811	4.53	115.4	19.391	36.349	26.237	4.47	145.4	16.671	36.188	26.506	4.55
86.4	20.035	36.409	25.829	4.53	116.4	19.193	36.342	26.253	4.46	145.5	16.581	36.184	26.524	4.55
86.9	19.949	36.405	25.849	4.53	117.4	19.196	36.338	26.250	4.46	147.5	16.542	36.173	26.525	4.54
87.4	19.842	36.401	25.874	4.53	118.5	19.087	36.339	26.277	4.46	148.0	16.537	36.169	26.523	4.54
88.2	19.929	36.393	25.875	4.52	119.5	17.957	36.336	26.308	4.45	148.5	16.472	36.167	26.537	4.55
88.6	19.670	36.412	25.928	4.52	120.3	17.997	36.329	26.292	4.46	149.0	16.429	36.168	26.548	4.55
89.5	19.647	36.396	25.922	4.52	120.9	17.939	36.340	26.315	4.46	149.6	16.430	36.159	26.540	4.55
90.4	19.657	36.389	25.914	4.52	121.5	17.940	36.344	26.318	4.45	150.4	16.409	36.158	26.545	4.54
91.5	19.448	36.395	25.973	4.52	122.5	17.906	36.358	26.337	4.46	151.0	16.401	36.156	26.545	4.54
92.5	19.404	36.388	25.979	4.51	123.0	17.900	36.354	26.335	4.48	151.5	16.396	36.156	26.546	4.53
92.9	19.385	36.387	25.993	4.50	123.1	17.830	36.348	26.324	4.46	152.5	16.371	36.156	26.552	4.51
92.9	19.385	36.386	25.983	4.50	124.5	17.826	36.349	26.350	4.50	152.9	16.374	36.158	26.553	4.51
92.9	19.393	36.387	25.984	4.50	125.6	17.770	36.343	26.359	4.54	153.0	16.391	36.146	26.542	4.52
93.5	19.361	36.389	25.991	4.49	126.0	17.791	36.333	26.346	4.53	152.6	16.401	36.154	26.543	4.53
93.9	19.344	36.392	25.998	4.48	126.0	17.785	36.334	26.349	4.51	153.4	16.324	36.156	26.563	4.51
94.5	19.279	36.391	26.014	4.48	126.0	17.804	36.330	26.341	4.51	154.5	16.248	36.143	26.571	4.47
94.9	19.222	36.387	26.026	4.48	125.8	17.829	36.344	26.345	4.49	155.6	16.233	36.127	26.562	4.48
94.9	19.218	36.391	26.030	4.48	126.4	17.776	36.339	26.355	4.51	156.4	16.071	36.122	26.596	4.48
94.9	19.248	36.388	26.020	4.48	127.5	17.710	36.334	26.367	4.54	157.0	16.012	36.111	26.601	4.48
94.9	19.264	36.383	26.012	4.48	128.6	17.702	36.327	26.364	4.54	157.5	15.970	36.103	26.604	4.51
94.9	19.258	36.391	26.020	4.48	128.9	17.712	36.329	26.363	4.53	157.5	15.903	36.101	26.618	4.52
94.9	19.255	36.389	26.019	4.49	128.9	17.710	36.330	26.364	4.53	158.5	15.889	36.093	26.615	4.52
94.9	19.228	36.382	26.020	4.48	129.0	17.709	36.327	26.362	4.53	159.0	15.891	36.095	26.616	4.52
95.4	19.175	36.391	26.041	4.47	129.5	17.655	36.323	26.372	4.54	159.0	15.905	36.090	26.609	4.51
96.5	19.088	36.390	26.063	4.43	130.5	17.552	36.317	26.393	4.54	159.0	15.922	36.085	26.602	4.51
97.2	19.132	36.387	26.049	4.44	131.1	17.459	36.312	26.412	4.54	159.2	15.914	36.085	26.603	4.51
98.4	19.067	36.385	26.064	4.42	131.7	17.468	36.305	26.404	4.55	159.6	15.892	36.090	26.612	4.51
99.5	19.043	36.388	26.073	4.41	132.0	17.414	36.295	26.410	4.54	160.4	15.854	36.121	26.645	4.49
99.8	19.123	36.385	26.050	4.42	132.5	17.350	36.290	26.421	4.55	161.4	15.841	36.132	26.656	4.47
100.3	19.070	36.391	26.068	4.42	133.0	17.307	36.283	26.426	4.55	162.5	15.800	36.169	26.694	4.46





CRUISE: 89G06 STATION: NB9G06\*04\*1 DATE: 18 MAY  
 GMT: 03:25:00 LATITUDE: 27 48.9 LONGITUDE: 93 31.2  
 TRIANGLES DENOTE DISCRETE SAMPLES

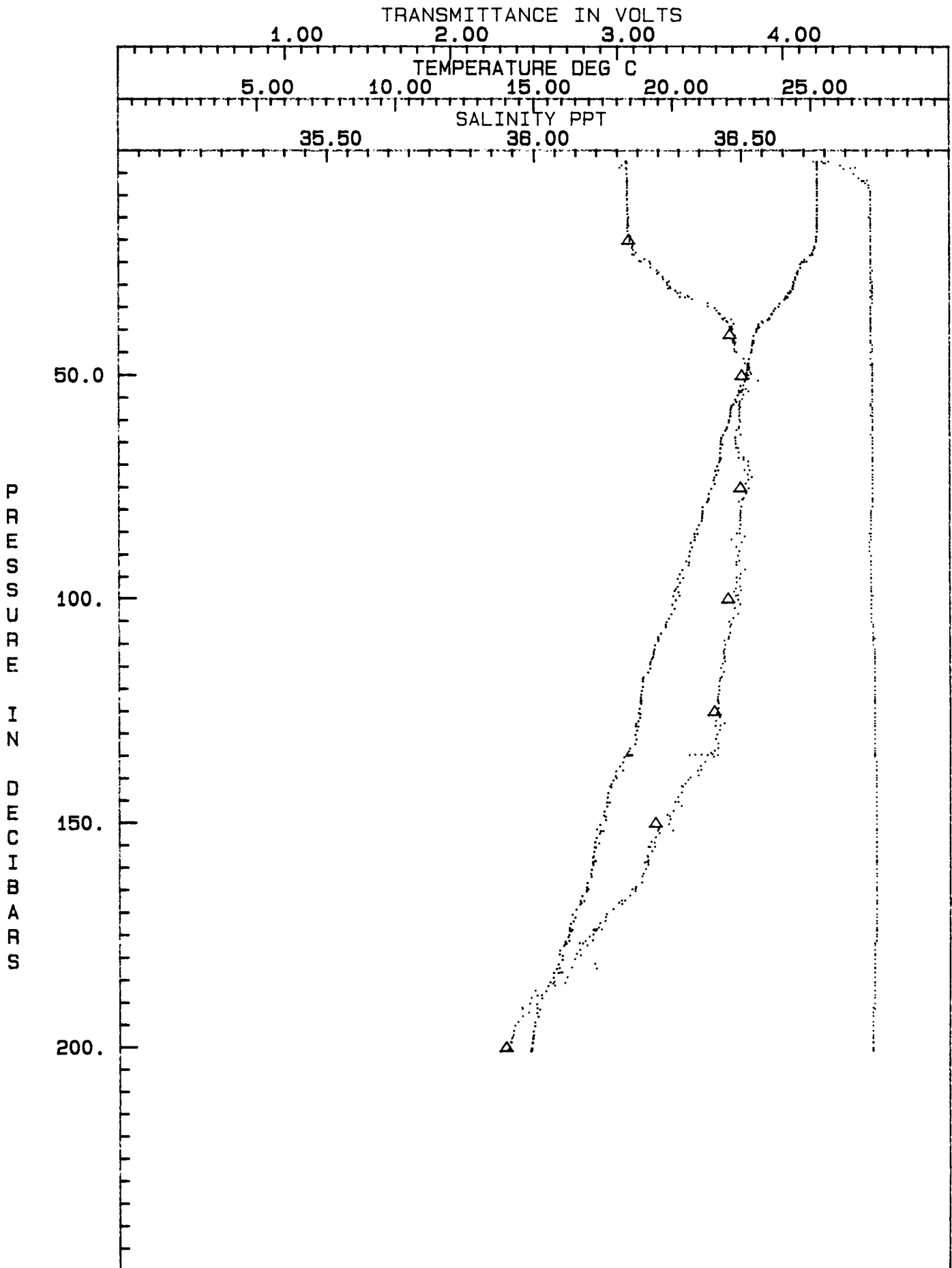


STATION 189606\*05\*1 CRUISE 39606 DATE 13 MAY GMT 09:02:00 LAT 27 34.7 LON 93 22.7 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
68.6	21.749	36.493	25.425	4.53	105.3	19.750	36.469	25.950	4.52	135.0	18.434	36.372	26.216	4.54
69.4	21.683	36.516	25.461	4.53	105.9	19.716	36.474	25.963	4.53	135.4	18.203	36.431	26.319	4.54
70.4	21.607	36.516	25.482	4.53	106.4	19.716	36.471	25.961	4.53	136.5	18.158	36.410	26.314	4.55
71.4	21.540	36.519	25.503	4.53	107.7	19.643	36.471	25.006	4.53	137.4	18.043	36.399	26.334	4.55
71.3	21.647	36.507	25.464	4.53	108.5	19.443	36.468	26.030	4.53	138.5	17.912	36.392	26.362	4.55
72.3	21.577	36.515	25.490	4.53	109.0	19.446	36.467	26.029	4.53	138.3	18.154	36.400	26.308	4.55
72.9	21.504	36.525	25.519	4.53	108.9	19.456	36.467	26.026	4.54	139.5	17.993	36.394	26.368	4.55
73.5	21.482	36.516	25.517	4.53	109.4	19.446	36.457	26.021	4.53	140.0	17.924	36.374	26.345	4.55
74.3	21.517	36.510	25.502	4.53	110.4	19.332	36.460	26.053	4.53	140.5	17.806	36.369	26.370	4.55
75.4	21.387	36.517	25.544	4.53	111.4	19.303	36.458	26.059	4.54	141.4	17.739	36.362	26.382	4.55
76.5	21.298	36.511	25.564	4.53	111.9	19.282	36.455	26.062	4.54	141.9	17.702	36.353	26.384	4.55
77.6	21.292	36.505	25.561	4.53	112.4	19.280	36.456	26.063	4.54	142.1	17.738	36.356	26.377	4.55
77.9	21.291	36.501	25.559	4.53	113.0	19.252	36.458	26.072	4.54	143.4	17.621	36.353	26.404	4.55
77.9	21.294	36.503	25.562	4.53	113.4	19.203	36.457	26.084	4.54	144.4	17.603	36.344	26.401	4.55
78.4	21.236	36.493	25.567	4.53	114.0	19.173	36.459	26.094	4.54	145.5	17.583	36.337	26.401	4.55
79.5	21.090	36.499	25.615	4.53	114.5	19.149	36.453	26.095	4.54	145.5	17.677	36.345	26.384	4.55
80.4	21.070	36.497	25.616	4.52	115.5	19.156	36.449	26.090	4.54	146.4	17.588	36.353	26.412	4.55
80.9	21.062	36.497	25.618	4.52	116.4	19.080	36.456	26.115	4.54	147.5	17.491	36.333	26.420	4.55
81.4	21.052	36.496	25.621	4.52	117.5	18.910	36.451	26.155	4.54	148.4	17.471	36.318	26.413	4.55
81.9	21.048	36.497	25.622	4.52	117.9	18.886	36.447	26.158	4.54	148.7	17.540	36.324	26.401	4.55
82.5	21.040	36.496	25.624	4.52	118.4	18.985	36.446	26.158	4.54	149.4	17.542	36.326	26.402	4.55
83.5	20.935	36.497	25.653	4.52	119.6	18.892	36.444	26.157	4.54	150.5	17.330	36.322	26.451	4.55
84.4	20.864	36.495	25.671	4.52	120.5	18.845	36.445	26.167	4.54	151.5	17.208	36.297	26.461	4.55
85.5	20.791	36.495	25.694	4.51	121.4	18.814	36.443	26.173	4.54	151.9	17.358	36.295	26.423	4.55
85.5	20.891	36.488	25.659	4.52	122.0	18.911	36.441	26.173	4.54	151.9	17.454	36.332	26.428	4.55
86.2	20.791	36.507	25.700	4.52	122.5	18.805	36.441	26.174	4.54	152.5	17.317	36.299	26.436	4.55
86.9	20.780	36.475	25.679	4.52	123.0	18.802	36.442	26.176	4.54	153.4	17.196	36.290	26.458	4.55
87.5	20.644	36.500	25.735	4.51	123.0	18.802	36.442	26.176	4.54	154.4	17.146	36.279	26.462	4.55
88.5	20.681	36.487	25.715	4.51	122.8	18.933	36.441	26.167	4.54	155.5	17.126	36.272	26.462	4.55
89.4	20.604	36.494	25.741	4.51	123.4	18.914	36.443	26.173	4.54	155.6	17.172	36.276	26.454	4.55
90.4	20.583	36.491	25.745	4.52	124.5	18.757	36.443	26.188	4.54	154.6	17.294	36.287	26.433	4.55
91.5	20.473	36.494	25.777	4.52	125.5	18.740	36.439	26.189	4.54	155.5	17.165	36.288	26.465	4.55
91.9	20.580	36.487	25.742	4.52	125.7	18.792	36.439	26.176	4.54	156.5	17.111	36.281	26.472	4.55
92.4	20.554	36.487	25.750	4.52	126.5	18.777	36.446	26.185	4.54	157.5	17.098	36.270	26.467	4.55
93.5	20.333	36.508	25.825	4.52	127.3	18.714	36.436	26.194	4.54	157.8	17.071	36.271	26.474	4.55
94.5	20.232	36.497	25.844	4.52	127.9	18.632	36.457	26.231	4.54	158.8	17.064	36.269	26.474	4.55
95.5	20.157	36.495	25.862	4.52	128.4	18.621	36.447	26.226	4.54	159.0	17.065	36.271	26.476	4.55
95.3	20.362	36.487	25.801	4.52	128.5	18.715	36.435	26.193	4.54	159.0	17.075	36.263	26.467	4.55
96.4	20.246	36.488	25.833	4.52	129.4	18.671	36.446	26.212	4.54	158.5	17.144	36.272	26.458	4.55
97.4	20.157	36.496	25.863	4.52	130.4	18.606	36.439	26.224	4.54	158.6	17.174	36.272	26.450	4.55
97.9	20.099	36.486	25.871	4.52	131.4	18.641	36.436	26.212	4.54	159.5	17.078	36.272	26.473	4.55
98.4	20.043	36.498	25.895	4.52	132.4	18.599	36.442	26.228	4.54	160.5	17.023	36.266	26.482	4.55
99.6	19.994	36.486	25.899	4.53	133.4	18.408	36.442	26.276	4.54	161.5	16.998	36.260	26.483	4.55
98.7	20.191	36.481	25.842	4.52	134.0	18.369	36.433	26.279	4.54	162.1	17.014	36.257	26.477	4.55
99.5	20.231	36.491	25.839	4.52	134.5	18.312	36.424	26.286	4.54	163.5	16.970	36.256	26.511	4.55
100.5	20.093	36.491	25.876	4.52	135.0	18.349	36.441	26.290	4.54	164.5	16.849	36.242	26.505	4.55
101.4	19.959	36.496	25.916	4.52	134.9	18.385	36.401	26.250	4.54	165.0	16.944	36.233	26.499	4.55
102.2	20.049	36.483	25.982	4.52	135.0	18.298	36.416	26.286	4.54	164.9	16.901	36.241	26.492	4.55
103.5	19.924	36.491	25.921	4.52	134.8	18.457	36.428	26.253	4.54	165.4	16.937	36.240	26.506	4.55
104.5	19.931	36.479	25.937	4.52	134.9	18.502	36.386	26.209	4.54	166.4	16.681	36.227	26.534	4.55







CRUISE: 89606 STATION: NB9606\*05\*1 DATE: 18 MAY  
 GMT: 08:02:00 LATITUDE: 27 34.7 LONGITUDE: 93 22.7  
 TRIANGLES DENOTE DISCRETE SAMPLES

STATION NS8315+05\*2

CRUISE 99G06 DATE 19 MAY 85T 12:45:00X LAT 27 34.9 LON 93 22.1 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
-10.0	0.000	36.253	24.139	0.00	20.0	25.177	36.252	24.236	4.52	42.4	22.106	36.460	24.993	4.52
1.8	25.189	36.253	24.233	2.75	19.9	25.182	36.252	24.234	4.52	43.0	22.003	36.440	25.027	4.52
2.0	25.189	36.253	24.232	3.36	20.4	25.181	36.252	24.234	4.52	43.5	22.368	36.499	25.111	4.52
2.3	25.184	36.252	24.233	4.19	21.1	25.182	36.251	24.233	4.52	44.3	22.936	36.495	25.095	4.52
2.3	25.180	36.252	24.235	4.46	22.7	25.179	36.251	24.234	4.52	44.9	22.971	36.490	25.103	4.52
2.5	25.191	36.251	24.230	4.10	22.8	25.182	36.252	24.234	4.52	45.0	22.369	36.489	25.103	4.52
3.4	25.180	36.252	24.235	4.47	23.0	25.180	36.251	24.234	4.52	45.4	22.356	36.489	25.107	4.52
4.6	25.179	36.251	24.234	4.47	23.6	25.174	36.251	24.236	4.52	45.9	22.343	36.489	25.110	4.52
4.9	25.181	36.251	24.233	4.42	24.0	25.171	36.252	24.237	4.52	46.6	22.323	36.494	25.120	4.52
4.9	25.180	36.251	24.234	4.41	24.5	25.173	36.251	24.236	4.52	46.8	22.307	36.496	25.126	4.52
5.0	25.180	36.252	24.235	4.42	25.4	25.129	36.249	24.248	4.52	47.5	22.796	36.498	25.131	4.52
5.0	25.181	36.252	24.234	4.49	26.0	25.090	36.250	24.260	4.52	48.6	22.774	36.503	25.141	4.52
4.9	25.182	36.252	24.234	4.51	26.4	25.067	36.251	24.269	4.52	47.9	22.793	36.498	25.130	4.52
4.8	25.182	36.252	24.234	4.51	27.0	24.960	36.244	24.296	4.52	47.9	22.774	36.509	25.146	4.52
5.4	25.183	36.252	24.234	4.51	27.2	25.043	36.260	24.282	4.52	48.5	22.775	36.503	25.141	4.52
6.5	25.179	36.252	24.235	4.52	28.0	25.127	36.249	24.249	4.52	49.2	22.762	36.506	25.147	4.52
6.9	25.179	36.252	24.235	4.52	28.0	25.127	36.254	24.252	4.52	50.0	22.756	36.509	25.150	4.52
7.0	25.179	36.252	24.235	4.52	28.0	25.130	36.254	24.251	4.52	49.9	22.754	36.508	25.151	4.52
6.9	25.179	36.251	24.234	4.52	28.3	25.061	36.257	24.275	4.52	49.6	22.780	36.502	25.139	4.52
6.4	25.186	36.252	24.233	4.51	28.9	24.831	36.289	24.369	4.52	50.4	22.753	36.508	25.151	4.52
7.4	25.182	36.252	24.234	4.52	28.9	24.773	36.302	24.397	4.52	51.1	22.752	36.508	25.151	4.52
7.9	25.182	36.251	24.233	4.52	29.3	24.837	36.286	24.365	4.52	51.9	22.708	36.517	25.171	4.52
8.3	25.184	36.253	24.234	4.52	30.4	24.702	36.293	24.411	4.52	52.6	22.654	36.523	25.191	4.52
9.4	25.179	36.253	24.236	4.51	30.9	24.691	36.299	24.419	4.52	52.7	22.697	36.513	25.171	4.52
10.2	25.183	36.252	24.234	4.52	31.1	24.713	36.296	24.410	4.52	53.0	22.652	36.518	25.189	4.52
11.0	25.179	36.252	24.235	4.52	31.7	24.675	36.304	24.428	4.52	53.5	22.506	36.530	25.239	4.52
11.4	25.179	36.252	24.235	4.52	32.0	24.629	36.315	24.450	4.52	54.5	22.475	36.509	25.231	4.52
12.0	25.181	36.252	24.234	4.52	32.5	24.546	36.334	24.490	4.52	54.9	22.424	36.503	25.245	4.52
11.8	25.186	36.252	24.233	4.51	32.9	24.434	36.358	24.542	4.52	55.4	22.406	36.504	25.247	4.52
12.0	25.184	36.253	24.234	4.52	32.9	24.432	36.359	24.543	4.51	55.9	22.401	36.504	25.249	4.52
12.4	25.182	36.252	24.234	4.52	32.9	24.484	36.350	24.521	4.52	56.0	22.400	36.506	25.251	4.52
13.4	25.183	36.252	24.234	4.52	33.4	24.454	36.349	24.529	4.52	56.5	22.396	36.504	25.250	4.52
13.6	25.185	36.252	24.233	4.52	33.9	24.322	36.372	24.586	4.52	56.9	22.401	36.501	25.247	4.52
14.5	25.182	36.252	24.234	4.52	34.2	24.406	36.356	24.549	4.52	57.5	22.383	36.504	25.254	4.52
14.9	25.182	36.254	24.235	4.52	35.3	24.216	36.386	24.628	4.52	58.3	22.373	36.504	25.257	4.52
15.0	25.195	36.252	24.233	4.52	35.4	24.406	36.348	24.542	4.52	59.5	22.337	36.502	25.266	4.52
15.0	25.185	36.252	24.233	4.52	36.5	24.267	36.376	24.605	4.52	59.6	22.354	36.501	25.260	4.52
15.0	25.184	36.253	24.234	4.52	37.2	24.239	36.372	24.611	4.52	59.9	22.329	36.505	25.270	4.52
15.0	25.184	36.253	24.234	4.52	37.9	23.950	36.412	24.728	4.52	60.5	22.273	36.499	25.282	4.52
15.0	25.184	36.253	24.234	4.52	38.6	23.913	36.414	24.740	4.52	60.9	22.115	36.512	25.336	4.52
14.9	25.183	36.252	24.234	4.52	38.7	23.992	36.402	24.707	4.52	61.5	22.114	36.497	25.325	4.52
15.2	25.181	36.252	24.234	4.52	38.9	23.978	36.394	24.706	4.52	61.9	22.119	36.490	25.319	4.52
15.5	25.182	36.251	24.233	4.52	39.5	23.682	36.433	24.823	4.52	61.2	22.266	36.494	25.280	4.52
16.4	25.178	36.252	24.235	4.52	40.5	23.293	36.473	24.968	4.52	62.5	22.097	36.499	25.332	4.52
16.9	25.179	36.251	24.234	4.52	40.9	23.405	36.462	24.927	4.52	63.2	22.106	36.492	25.323	4.52
16.8	25.183	36.252	24.234	4.52	40.9	23.488	36.462	24.902	4.52	62.7	22.181	36.497	25.306	4.52
17.5	25.181	36.253	24.235	4.52	41.5	23.108	36.493	25.037	4.52	63.6	22.112	36.493	25.323	4.52
18.5	25.179	36.251	24.234	4.52	42.6	22.909	36.491	25.093	4.52	63.4	22.192	36.490	25.301	4.52
18.5	25.184	36.252	24.233	4.51	42.9	23.010	36.459	25.039	4.52	64.4	22.097	36.496	25.330	4.52
19.5	25.179	36.252	24.235	4.50	42.9	22.989	36.481	25.062	4.52	65.0	22.100	36.494	25.327	4.52

STATION N89606\*05\*2

CRUISE 39606

DATE 19 MAY GMT 12:45:XX

LAT 27 34.9

LON

93 22.1 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
64.8	22.080	36.494	25.333	4.51	89.9	20.845	36.490	25.673	4.51	113.9	19.676	36.474	25.974	4.52
65.7	22.053	36.494	25.340	4.52	89.9	20.834	36.492	25.677	4.51	113.8	19.693	36.476	25.971	4.52
66.5	21.981	36.489	25.356	4.52	89.9	20.825	36.497	25.683	4.51	113.9	19.708	36.478	25.968	4.52
66.5	22.036	36.491	25.343	4.52	89.9	20.831	36.490	25.677	4.51	114.0	19.700	36.475	25.968	4.51
67.5	21.954	36.490	25.365	4.52	90.8	20.787	36.489	25.638	4.51	114.5	19.590	36.471	25.994	4.51
68.2	21.966	36.488	25.360	4.52	91.4	20.722	36.491	25.707	4.51	115.3	19.442	36.472	26.033	4.52
69.5	21.929	36.491	25.373	4.52	91.7	20.677	36.493	25.720	4.51	116.5	19.748	36.465	26.052	4.52
69.8	21.937	36.491	25.371	4.52	92.6	20.657	36.491	25.724	4.51	116.5	19.469	36.465	26.021	4.52
70.5	21.920	36.496	25.379	4.52	91.3	20.764	36.491	25.695	4.51	116.7	19.766	36.489	26.066	4.52
71.5	21.909	36.502	25.387	4.52	92.5	20.840	36.501	25.737	4.51	117.5	19.313	36.470	26.065	4.52
71.9	21.876	36.520	25.410	4.52	93.3	20.629	36.489	25.731	4.51	118.8	19.165	36.468	26.103	4.52
72.0	21.980	36.507	25.399	4.52	93.8	20.639	36.487	25.723	4.51	119.2	19.226	36.455	26.077	4.52
71.9	21.880	36.514	25.396	4.52	93.4	20.690	36.489	25.714	4.51	119.3	19.293	36.454	26.059	4.52
72.5	21.927	36.511	25.418	4.52	94.5	20.497	36.491	25.768	4.51	120.5	19.097	36.458	26.112	4.52
73.4	21.774	36.513	25.433	4.52	95.3	20.436	36.492	25.785	4.51	121.0	19.040	36.451	26.122	4.52
74.3	21.769	36.511	25.433	4.52	95.0	20.554	36.499	25.751	4.51	121.4	18.959	36.454	26.145	4.52
74.9	21.727	36.512	25.446	4.52	95.4	20.475	36.493	25.775	4.51	122.0	18.910	36.452	26.156	4.52
75.3	21.722	36.514	25.448	4.52	96.5	20.401	36.489	25.792	4.51	122.1	18.939	36.453	26.149	4.52
76.7	21.678	36.515	25.462	4.52	96.5	20.461	36.486	25.773	4.51	123.5	18.907	36.450	26.182	4.53
76.9	21.677	36.517	25.463	4.52	97.4	20.376	36.491	25.800	4.51	124.4	18.841	36.444	26.167	4.53
76.9	21.669	36.517	25.466	4.52	98.0	20.418	36.486	25.785	4.51	125.5	18.755	36.443	26.188	4.53
76.9	21.662	36.520	25.470	4.52	98.5	20.362	36.494	25.807	4.51	126.6	18.680	36.439	26.205	4.53
76.9	21.656	36.524	25.475	4.52	99.5	20.346	36.487	25.805	4.51	126.8	18.697	36.439	26.200	4.52
77.3	21.626	36.519	25.479	4.52	100.5	20.187	36.494	25.854	4.51	126.9	18.682	36.445	26.209	4.52
78.5	21.570	36.516	25.492	4.52	100.9	20.169	36.492	25.857	4.51	127.4	18.560	36.439	26.210	4.52
78.9	21.567	36.516	25.493	4.52	101.0	20.170	36.497	25.853	4.51	128.6	18.609	36.441	26.224	4.53
78.5	21.607	36.515	25.481	4.52	101.5	20.164	36.487	25.854	4.51	129.0	18.614	36.439	26.221	4.53
79.4	21.499	36.517	25.513	4.52	101.9	20.142	36.490	25.862	4.51	128.8	18.625	36.439	26.219	4.53
80.2	21.479	36.508	25.512	4.52	102.5	20.129	36.490	25.866	4.51	129.0	18.643	36.430	26.207	4.53
81.4	21.360	36.513	25.548	4.52	103.3	20.120	36.489	25.867	4.51	129.4	18.603	36.440	26.225	4.53
82.1	21.320	36.511	25.558	4.52	103.7	20.102	36.490	25.873	4.51	130.5	18.484	36.437	26.253	4.53
81.8	21.434	36.511	25.527	4.52	104.4	20.093	36.491	25.876	4.51	131.1	18.534	36.433	26.237	4.53
81.9	21.363	36.496	25.535	4.52	104.9	20.070	36.485	25.378	4.51	132.5	18.764	36.425	26.274	4.53
82.4	21.287	36.503	25.561	4.52	105.4	20.064	36.488	25.882	4.51	133.0	18.725	36.420	26.280	4.53
83.5	21.124	36.506	25.508	4.52	105.9	20.056	36.488	25.884	4.51	133.5	18.750	36.420	26.274	4.53
83.9	21.080	36.499	25.615	4.52	106.4	20.052	36.487	25.884	4.51	134.5	18.209	36.414	26.305	4.53
84.0	21.098	36.505	25.615	4.52	107.5	19.934	36.489	25.917	4.51	135.2	18.178	36.410	26.309	4.53
84.0	21.142	36.492	25.593	4.52	108.5	19.798	36.489	25.953	4.51	135.7	18.161	36.410	26.313	4.53
83.2	21.291	36.502	25.559	4.52	108.9	19.796	36.480	25.947	4.52	136.0	18.157	36.410	26.314	4.53
84.5	21.028	36.503	25.632	4.52	109.0	19.798	36.479	25.945	4.51	136.5	18.117	36.412	26.326	4.53
84.9	21.113	36.498	25.605	4.52	108.8	19.915	36.481	25.916	4.51	137.5	18.051	36.408	26.339	4.53
85.4	21.000	36.498	25.636	4.51	109.4	19.823	36.489	25.946	4.51	138.0	18.043	36.408	26.342	4.53
86.5	20.925	36.498	25.657	4.51	110.5	19.759	36.480	25.956	4.51	137.5	18.108	36.407	26.324	4.53
86.4	21.010	36.497	25.633	4.51	111.3	19.769	36.475	25.950	4.51	138.5	18.040	36.415	26.347	4.53
87.5	20.893	36.496	25.664	4.51	111.9	19.724	36.480	25.966	4.51	139.4	18.007	36.407	26.349	4.53
88.0	20.920	36.491	25.653	4.51	112.5	19.703	36.478	25.969	4.52	140.5	17.977	36.403	26.354	4.53
87.9	20.920	36.497	25.657	4.51	113.4	19.671	36.477	25.977	4.52	140.2	18.029	36.402	26.340	4.53
88.0	20.912	36.497	25.660	4.51	113.9	19.667	36.479	25.980	4.52	141.4	17.997	36.402	26.348	4.53
88.4	20.873	36.492	25.667	4.51	114.0	19.688	36.474	25.971	4.52	142.5	17.949	36.398	26.357	4.53
89.6	20.840	36.494	25.677	4.51	113.9	19.687	36.467	25.965	4.52	143.5	17.903	36.390	26.363	4.53

STATION N99E06\*05\*2

CRUISE 89E06 DATE 19 MAY GMT 12:45:00 LAT 27 34.2 LON 93 22.1 DEPTH OFFSET 10.

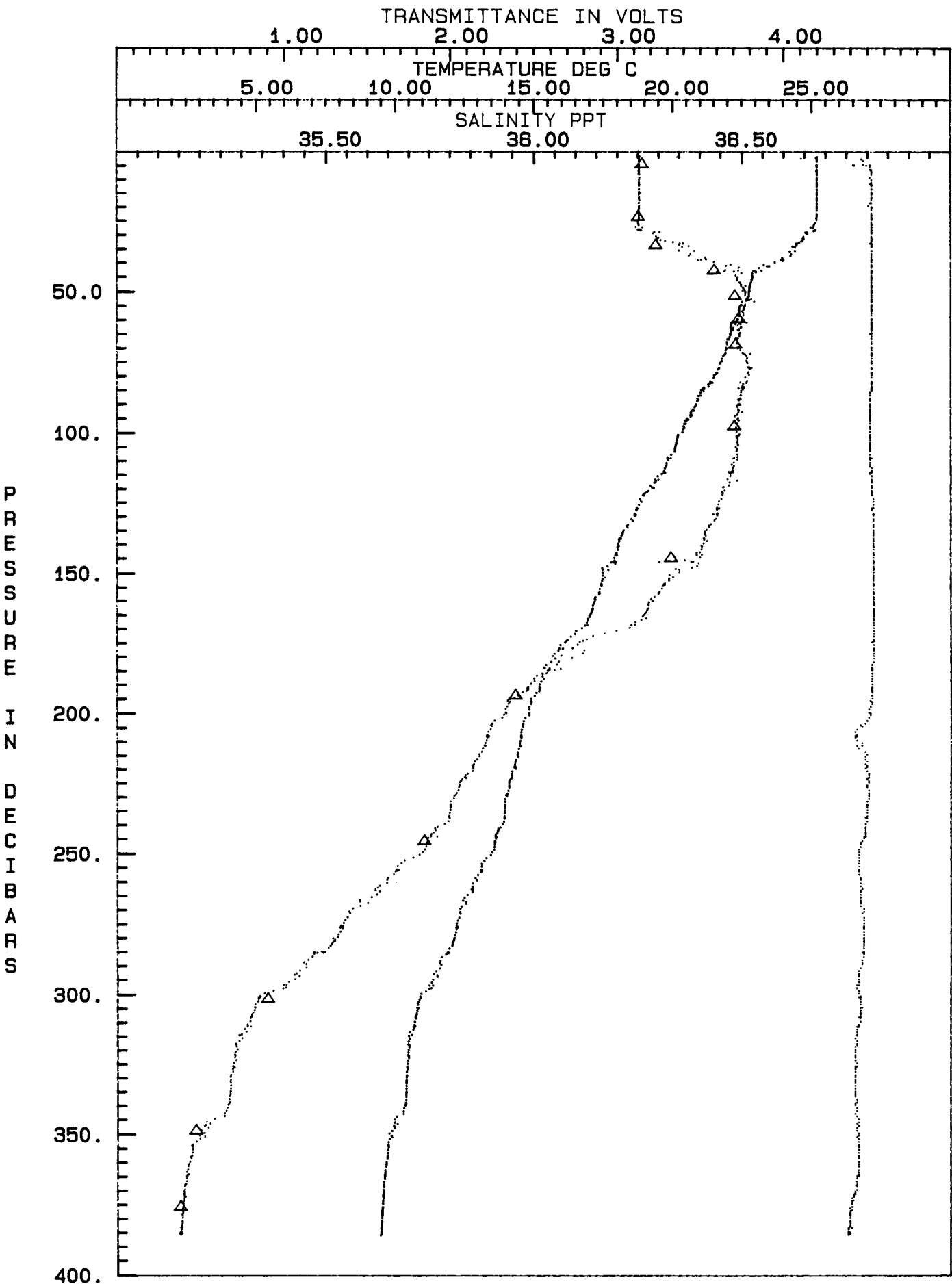
DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
142.8	17.938	36.390	26.354	4.53	173.5	16.178	36.125	26.573	4.53	210.4	14.478	35.883	26.768	4.46
143.4	17.963	36.403	26.357	4.53	174.0	16.135	36.116	26.576	4.53	211.3	14.493	35.880	26.765	4.46
144.4	17.864	36.398	26.379	4.53	174.4	16.096	36.108	26.579	4.52	211.4	14.505	35.883	26.762	4.43
145.4	17.877	36.361	26.346	4.53	175.4	15.926	36.103	26.615	4.53	212.4	14.437	35.877	26.772	4.44
146.0	17.750	36.300	26.331	4.53	176.5	15.938	36.091	26.614	4.53	213.5	14.799	35.874	26.778	4.43
145.8	17.841	36.377	26.368	4.53	176.6	16.014	36.091	26.585	4.53	214.4	14.790	35.869	26.775	4.49
145.9	17.920	36.382	26.352	4.53	177.4	15.952	36.119	26.644	4.53	215.2	14.412	35.869	26.771	4.48
146.4	17.907	36.395	26.365	4.53	178.5	15.714	36.115	26.672	4.53	216.4	14.743	35.863	26.732	4.48
147.4	17.623	36.391	26.432	4.53	179.4	15.646	36.064	26.649	4.53	217.1	14.716	35.857	26.783	4.49
148.0	17.424	36.379	26.472	4.53	180.2	15.748	36.090	26.645	4.53	218.0	14.702	35.855	26.784	4.48
148.5	17.449	36.359	26.435	4.53	181.5	15.597	36.059	26.655	4.53	218.5	14.295	35.852	26.734	4.49
148.6	17.659	36.348	26.390	4.53	182.5	15.416	36.054	26.693	4.52	219.0	14.275	35.854	26.790	4.49
149.5	17.449	36.343	26.442	4.53	183.5	15.357	36.123	26.632	4.52	219.2	14.305	35.854	26.779	4.49
150.5	17.454	36.324	26.422	4.53	183.7	15.541	36.025	26.642	4.52	219.5	14.705	35.853	26.778	4.48
151.7	17.448	36.323	26.423	4.53	184.0	15.541	36.063	26.672	4.52	220.5	14.198	35.853	26.805	4.49
151.2	17.540	36.333	26.408	4.53	184.5	15.485	36.048	26.673	4.52	221.4	14.199	35.840	26.797	4.50
152.5	17.425	36.323	26.428	4.53	185.5	15.285	36.029	26.703	4.52	222.0	14.191	35.835	26.793	4.50
153.5	17.396	36.313	26.428	4.53	186.4	15.287	36.006	26.685	4.52	222.7	14.182	35.833	26.793	4.50
153.9	17.397	36.310	26.425	4.53	187.4	15.334	35.999	26.669	4.52	222.9	14.173	35.837	26.798	4.49
154.0	17.413	36.313	26.424	4.53	188.4	15.247	36.000	26.689	4.52	223.4	14.124	35.827	26.801	4.49
154.2	17.400	36.309	26.424	4.53	189.4	15.188	35.992	26.696	4.52	224.0	14.392	35.824	26.805	4.50
155.4	17.339	36.306	26.436	4.53	190.5	15.171	35.985	26.695	4.52	224.5	14.094	35.822	26.803	4.50
156.5	17.324	36.300	26.436	4.53	191.0	15.168	35.985	26.695	4.52	225.5	14.093	35.821	26.803	4.49
156.9	17.332	36.301	26.434	4.53	190.9	15.177	35.983	26.692	4.52	225.9	14.095	35.820	26.802	4.49
157.0	17.342	36.298	26.429	4.53	191.5	15.180	35.985	26.693	4.52	226.4	14.086	35.819	26.803	4.49
157.4	17.310	36.297	26.437	4.53	191.9	15.160	35.981	26.694	4.52	227.4	14.066	35.818	26.806	4.50
158.4	17.184	36.288	26.460	4.53	192.4	15.070	35.971	26.706	4.52	228.4	14.027	35.814	26.812	4.50
159.0	17.151	36.280	26.462	4.53	193.5	14.996	35.961	26.715	4.52	229.0	13.997	35.812	26.818	4.50
159.4	17.189	36.279	26.452	4.53	194.5	14.881	35.952	26.734	4.52	229.4	14.014	35.809	26.809	4.50
160.0	17.158	36.283	26.462	4.53	195.3	14.891	35.936	26.719	4.51	230.4	13.943	35.807	26.824	4.50
160.5	17.136	36.274	26.461	4.53	195.7	14.897	35.942	26.722	4.52	231.4	13.944	35.799	26.817	4.49
160.9	17.123	36.274	26.464	4.53	196.4	14.863	35.938	26.727	4.52	232.4	13.941	35.799	26.818	4.49
161.4	17.099	36.273	26.469	4.53	197.4	14.811	35.935	26.736	4.51	232.9	13.941	35.799	26.818	4.49
161.6	17.091	36.274	26.472	4.53	198.3	14.810	35.931	26.733	4.50	233.5	13.944	35.799	26.817	4.49
162.6	17.092	36.273	26.471	4.53	199.6	14.818	35.931	26.731	4.50	234.4	13.939	35.792	26.818	4.49
162.9	17.079	36.271	26.472	4.53	199.9	14.822	35.933	26.732	4.51	235.4	13.951	35.797	26.819	4.49
163.4	17.063	36.270	26.475	4.53	200.4	14.797	35.927	26.730	4.51	236.5	13.905	35.796	26.819	4.49
164.0	17.031	36.267	26.481	4.53	201.4	14.669	35.923	26.758	4.50	237.0	13.924	35.796	26.819	4.48
164.5	17.004	36.264	26.485	4.53	202.5	14.613	35.905	26.756	4.49	237.3	13.930	35.797	26.819	4.49
165.0	16.974	36.261	26.490	4.53	203.5	14.593	35.899	26.755	4.48	238.4	13.901	35.794	26.823	4.49
165.3	16.989	36.259	26.485	4.53	204.0	14.590	35.896	26.756	4.45	239.4	13.954	35.785	26.825	4.48
166.0	16.915	36.268	26.510	4.53	204.4	14.583	35.898	26.757	4.46	240.5	13.779	35.762	26.822	4.48
166.6	16.914	36.256	26.500	4.53	205.5	14.578	35.895	26.754	4.43	241.0	13.713	35.762	26.837	4.48
167.4	16.931	36.242	26.497	4.53	205.4	14.526	35.890	26.763	4.42	241.7	13.697	35.763	26.842	4.48
168.4	16.912	36.232	26.506	4.53	207.5	14.518	35.887	26.763	4.43	242.4	13.670	35.758	26.843	4.48
168.3	16.906	36.241	26.491	4.53	208.0	14.516	35.892	26.767	4.43	243.0	13.605	35.753	26.857	4.48
169.4	16.702	36.218	26.529	4.53	208.0	14.528	35.886	26.760	4.43	243.6	13.598	35.751	26.853	4.48
170.5	16.489	36.196	26.555	4.53	207.9	14.537	35.899	26.760	4.42	243.9	13.601	35.767	26.865	4.47
171.5	16.450	36.167	26.542	4.53	208.4	14.530	35.889	26.762	4.42	243.9	13.639	35.751	26.844	4.48
172.4	16.298	36.140	26.557	4.53	209.5	14.494	35.886	26.767	4.43	244.4	13.608	35.745	26.846	4.47

STATION H99G06\*05\*2

CRUISE 99G06 DATE 13 MAY GMT 12:45:00 LAT 27 34.3 LOH 93 22.1 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
245.5	13.582	35.744	26.951	4.46	281.4	12.650	35.514	26.979	4.47	314.5	10.465	35.292	27.100	4.43
246.0	13.578	35.743	26.951	4.45	282.0	12.041	35.511	26.979	4.47	314.2	10.577	35.292	27.094	4.43
246.6	13.571	35.742	26.952	4.45	282.5	12.035	35.509	26.978	4.47	315.5	10.503	35.299	27.098	4.42
247.5	13.557	35.740	26.953	4.45	283.4	11.937	35.504	26.993	4.47	316.5	10.456	35.292	27.101	4.43
248.5	13.546	35.737	26.953	4.44	284.6	11.992	35.488	26.990	4.47	317.5	10.453	35.284	27.095	4.43
249.4	13.487	35.732	26.861	4.44	284.9	11.921	35.470	26.970	4.47	317.9	10.489	35.285	27.090	4.43
250.3	13.431	35.724	26.867	4.44	284.9	11.893	35.492	26.994	4.46	318.5	10.489	35.286	27.091	4.42
251.4	13.372	35.709	26.898	4.44	284.9	11.874	35.497	27.000	4.47	319.5	10.455	35.288	27.098	4.42
252.4	13.200	35.688	26.896	4.44	285.0	11.872	35.491	26.996	4.47	320.5	10.447	35.283	27.096	4.42
253.5	13.106	35.680	26.899	4.44	285.1	11.862	35.477	26.987	4.47	321.5	10.441	35.282	27.096	4.42
254.4	13.109	35.671	26.891	4.44	285.4	11.809	35.470	26.991	4.47	321.8	10.461	35.283	27.094	4.42
255.6	13.076	35.670	26.898	4.44	286.4	11.669	35.466	27.015	4.47	322.4	10.470	35.282	27.091	4.42
255.9	13.090	35.667	26.892	4.44	287.5	11.610	35.456	27.018	4.46	323.4	10.435	35.285	27.099	4.42
255.8	13.116	35.673	26.892	4.44	288.5	11.593	35.446	27.013	4.46	324.5	10.420	35.279	27.097	4.43
256.0	13.122	35.670	26.898	4.44	289.1	11.644	35.451	27.008	4.46	325.6	10.401	35.278	27.100	4.43
256.3	13.084	35.666	26.893	4.44	290.4	11.584	35.451	27.019	4.46	325.6	10.433	35.277	27.094	4.42
257.4	12.973	35.662	26.912	4.44	291.4	11.460	35.436	27.031	4.44	326.0	10.434	35.281	27.096	4.42
258.5	12.876	35.647	26.920	4.45	292.4	11.371	35.428	27.041	4.44	326.5	10.417	35.276	27.095	4.42
259.2	12.935	35.646	26.908	4.45	292.9	11.495	35.423	27.014	4.44	327.4	10.393	35.277	27.101	4.42
260.3	12.792	35.645	26.935	4.45	293.4	11.504	35.435	27.022	4.44	328.6	10.389	35.272	27.097	4.42
261.4	12.773	35.628	26.926	4.45	294.4	11.341	35.425	27.044	4.44	328.9	10.391	35.272	27.097	4.42
262.0	12.768	35.623	26.923	4.46	295.4	11.294	35.410	27.042	4.44	329.3	10.386	35.271	27.097	4.42
262.5	12.748	35.617	26.922	4.46	296.5	11.202	35.404	27.054	4.43	330.4	10.382	35.272	27.098	4.42
262.9	12.784	35.617	26.915	4.45	296.5	11.344	35.397	27.022	4.44	331.0	10.380	35.271	27.098	4.42
263.4	12.772	35.628	26.926	4.45	297.4	11.282	35.403	27.038	4.43	331.5	10.380	35.272	27.099	4.42
264.4	12.591	35.621	26.957	4.45	297.7	11.202	35.396	27.047	4.43	332.5	10.381	35.272	27.099	4.42
265.4	12.485	35.608	26.968	4.45	298.6	11.084	35.373	27.052	4.44	333.5	10.380	35.272	27.099	4.42
266.4	12.437	35.579	26.955	4.45	299.5	10.914	35.352	27.066	4.44	334.5	10.378	35.271	27.098	4.42
266.9	12.549	35.580	26.933	4.45	300.5	10.878	35.341	27.064	4.45	335.0	10.377	35.271	27.099	4.42
267.5	12.546	35.599	26.949	4.45	300.9	10.897	35.337	27.057	4.45	335.6	10.374	35.271	27.099	4.42
268.5	12.381	35.581	26.967	4.45	300.8	10.900	35.342	27.061	4.44	336.3	10.364	35.269	27.100	4.42
269.4	12.335	35.563	26.962	4.47	301.5	10.842	35.338	27.068	4.45	337.4	10.363	35.269	27.100	4.43
270.5	12.323	35.554	26.958	4.47	302.4	10.806	35.336	27.073	4.45	338.4	10.355	35.270	27.102	4.43
271.1	12.342	35.556	26.956	4.46	303.4	10.792	35.330	27.071	4.45	338.8	10.398	35.268	27.099	4.42
272.5	12.292	35.550	26.960	4.47	304.5	10.768	35.328	27.073	4.46	339.4	10.340	35.266	27.101	4.42
273.4	12.249	35.544	26.964	4.47	304.6	10.808	35.330	27.068	4.45	340.4	10.292	35.264	27.108	4.43
274.4	12.206	35.541	26.970	4.47	305.5	10.774	35.328	27.073	4.45	341.5	10.284	35.261	27.107	4.43
275.4	12.195	35.534	26.967	4.47	306.4	10.752	35.325	27.074	4.45	342.4	10.279	35.257	27.105	4.42
276.0	12.191	35.532	26.966	4.47	307.0	10.740	35.322	27.074	4.45	343.4	10.031	35.257	27.148	4.43
276.0	12.209	35.533	26.964	4.47	307.5	10.718	35.321	27.077	4.45	344.4	9.953	35.233	27.143	4.44
275.6	12.235	35.539	26.963	4.47	308.0	10.707	35.320	27.078	4.44	345.5	9.954	35.214	27.127	4.44
275.9	12.245	35.537	26.959	4.47	309.0	10.706	35.320	27.078	4.45	346.6	9.929	35.212	27.130	4.44
276.5	12.190	35.539	26.972	4.47	308.3	10.733	35.319	27.073	4.45	347.0	9.935	35.209	27.127	4.44
277.5	12.168	35.533	26.972	4.47	309.5	10.688	35.318	27.080	4.45	346.1	10.061	35.223	27.116	4.43
278.5	12.144	35.528	26.972	4.47	310.6	10.662	35.311	27.079	4.44	347.5	9.951	35.218	27.131	4.43
279.5	12.127	35.527	26.975	4.47	311.4	10.631	35.311	27.085	4.43	348.5	9.857	35.201	27.134	4.43
279.9	12.109	35.515	26.969	4.47	311.0	10.702	35.312	27.073	4.44	349.4	9.754	35.209	27.157	4.44
280.4	12.097	35.520	26.975	4.47	311.4	10.667	35.319	27.085	4.44	350.2	9.838	35.197	27.134	4.44
280.9	12.088	35.518	26.975	4.47	312.3	10.625	35.305	27.081	4.43	350.7	9.856	35.210	27.141	4.43
281.0	12.080	35.519	26.978	4.47	313.2	10.495	35.309	27.107	4.43	351.4	9.766	35.198	27.147	4.44





CRUISE: 89G06 STATION: N89G06\*05\*2 DATE: 18 MAY  
 GMT: 12: 45: XX LATITUDE: 27 34.8 LONGITUDE: 93 22.1  
 TRIANGLES DENOTE DISCRETE SAMPLES

STATION 189606\*05\*3

CRUISE 39606 DATE 13 MAY GMT 16:14:00 LAT 27 33.3 LON 93 17.9 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
-10.0	0.000	36.023	-0.138	0.00	26.9	24.767	36.269	24.774	4.53	42.9	23.005	36.486	25.061	4.53
3.5	25.381	36.093	24.052	4.18	27.0	24.769	36.266	24.771	4.52	42.5	23.075	36.477	25.034	4.53
3.9	25.731	36.094	24.053	4.29	26.9	24.782	36.272	24.771	4.53	43.5	22.789	36.484	25.064	4.53
2.8	25.382	36.093	24.052	4.44	26.9	24.815	36.269	24.759	4.52	43.9	22.975	36.479	25.065	4.53
3.2	25.379	36.093	24.053	4.52	26.2	24.882	36.260	24.732	4.52	44.0	22.978	36.479	25.064	4.52
4.4	25.385	36.094	24.052	4.52	27.5	24.723	36.270	24.788	4.53	43.5	23.078	36.479	25.046	4.53
5.5	25.366	36.096	24.060	4.53	27.9	24.713	36.288	24.404	4.53	44.3	22.959	36.483	25.070	4.53
5.3	25.379	36.094	24.054	4.52	27.9	24.742	36.276	24.786	4.53	45.0	22.922	36.490	25.088	4.53
6.6	25.362	36.096	24.061	4.52	27.7	24.757	36.263	24.772	4.52	45.4	22.764	36.497	25.111	4.53
6.9	25.359	36.096	24.062	4.53	27.8	24.771	36.264	24.768	4.52	45.9	22.860	36.495	25.110	4.53
7.3	25.354	36.097	24.064	4.53	27.3	24.761	36.270	24.776	4.52	46.5	22.775	36.503	25.145	4.53
8.5	25.354	36.095	24.062	4.53	28.0	24.785	36.270	24.769	4.52	46.9	22.801	36.502	25.133	4.53
9.5	25.351	36.096	24.064	4.53	28.3	24.633	36.269	24.799	4.53	47.4	22.753	36.511	25.153	4.53
10.5	25.345	36.098	24.067	4.53	29.6	24.441	36.308	24.502	4.52	47.9	22.722	36.515	25.165	4.53
11.5	25.349	36.097	24.065	4.53	30.0	24.444	36.311	24.503	4.53	47.8	22.742	36.508	25.154	4.53
11.9	25.355	36.096	24.063	4.53	29.4	24.638	36.292	24.460	4.53	48.5	22.734	36.510	25.158	4.53
12.4	25.355	36.095	24.062	4.53	30.5	24.359	36.338	24.549	4.53	49.5	22.668	36.517	25.182	4.53
13.4	25.336	36.099	24.071	4.53	30.9	24.317	36.349	24.570	4.53	49.9	22.675	36.512	25.177	4.53
13.9	25.330	36.101	24.074	4.53	30.9	24.402	36.326	24.527	4.53	48.5	22.726	36.508	25.159	4.53
14.5	25.318	36.106	24.082	4.53	30.9	24.443	36.307	24.500	4.53	49.6	22.678	36.514	25.177	4.53
15.0	25.313	36.109	24.085	4.53	31.4	24.296	36.349	24.576	4.53	49.3	22.691	36.513	25.173	4.53
15.3	25.317	36.107	24.083	4.53	32.3	24.197	36.361	24.615	4.53	50.5	22.657	36.518	25.186	4.53
15.9	25.302	36.115	24.094	4.53	33.5	23.924	36.398	24.725	4.53	50.9	22.647	36.528	25.197	4.53
16.0	25.298	36.117	24.096	4.53	33.9	23.864	36.404	24.747	4.53	50.9	22.618	36.541	25.215	4.53
16.5	25.288	36.123	24.104	4.52	34.0	23.957	36.398	24.715	4.53	51.5	22.585	36.553	25.233	4.53
17.0	25.284	36.126	24.107	4.53	33.9	24.028	36.375	24.676	4.53	52.2	22.573	36.543	25.229	4.53
17.2	25.285	36.125	24.106	4.52	34.3	23.849	36.418	24.762	4.53	53.6	22.521	36.527	25.232	4.53
18.0	25.274	36.134	24.116	4.53	35.3	23.748	36.419	24.793	4.53	53.4	22.534	36.525	25.227	4.53
18.5	25.263	36.148	24.131	4.52	35.9	23.684	36.424	24.815	4.53	53.9	22.481	36.531	25.247	4.53
19.0	25.255	36.156	24.139	4.53	35.9	23.671	36.430	24.824	4.53	54.5	22.458	36.527	25.250	4.53
19.0	25.258	36.154	24.137	4.53	35.4	23.820	36.407	24.762	4.53	54.9	22.446	36.525	25.252	4.53
18.9	25.263	36.146	24.129	4.52	35.9	23.679	36.431	24.822	4.53	54.9	22.439	36.528	25.256	4.53
19.0	25.270	36.140	24.122	4.53	35.9	23.671	36.428	24.823	4.53	55.0	22.440	36.532	25.259	4.53
18.8	25.279	36.133	24.115	4.52	36.6	23.670	36.424	24.819	4.53	54.5	22.493	36.524	25.239	4.53
18.9	25.286	36.129	24.109	4.53	37.0	23.733	36.400	24.793	4.53	55.5	22.420	36.529	25.263	4.53
19.0	25.287	36.129	24.109	4.53	37.5	23.557	36.428	24.856	4.53	55.7	22.431	36.527	25.258	4.53
19.2	25.264	36.151	24.132	4.53	38.0	23.495	36.417	24.866	4.52	56.6	22.370	36.526	25.274	4.53
19.8	25.245	36.172	24.154	4.52	38.6	23.389	36.449	24.921	4.52	57.1	22.347	36.523	25.279	4.53
20.0	25.243	36.174	24.156	4.52	38.8	23.362	36.459	24.937	4.53	58.5	22.250	36.520	25.304	4.53
20.4	25.243	36.177	24.158	4.52	38.8	23.417	36.443	24.908	4.53	58.3	22.294	36.519	25.294	4.53
21.5	25.192	36.233	24.217	4.52	38.9	23.385	36.439	24.915	4.52	59.6	22.203	36.517	25.315	4.53
21.7	25.223	36.199	24.181	4.52	39.4	23.312	36.454	24.948	4.53	59.9	22.125	36.517	25.337	4.53
22.4	25.187	36.234	24.219	4.52	39.9	23.254	36.441	24.955	4.53	60.4	22.106	36.514	25.340	4.53
23.0	25.177	36.242	24.228	4.52	40.0	23.236	36.456	24.971	4.53	61.1	22.106	36.514	25.340	4.53
23.3	25.117	36.231	24.238	4.52	40.3	23.231	36.459	24.975	4.53	61.9	22.079	36.510	25.345	4.53
23.9	24.951	36.253	24.305	4.52	41.0	23.121	36.471	25.016	4.53	62.0	22.072	36.516	25.352	4.53
24.5	24.925	36.257	24.316	4.52	40.9	23.118	36.473	25.019	4.53	61.9	22.074	36.514	25.349	4.53
24.8	24.944	36.255	24.309	4.52	40.9	23.120	36.470	25.016	4.53	61.9	22.082	36.513	25.346	4.53
25.5	24.837	36.267	24.351	4.52	41.4	23.117	36.470	25.017	4.53	62.0	22.079	36.511	25.346	4.53
26.4	24.801	36.267	24.362	4.52	42.5	23.041	36.483	25.049	4.53	62.5	22.067	36.512	25.350	4.53



STATION N89G06\*05\*3 CRUISE 39G06 DATE 18 MAY GMT 16:14:00 LAT 27 33.3 LON 93 17.2 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
62.9	22.057	36.514	25.354	4.53	83.9	21.024	36.486	25.601	4.52	105.2	19.577	36.424	25.935	4.53
63.0	22.056	36.513	25.354	4.53	83.9	21.026	36.485	25.600	4.52	105.9	19.690	36.444	25.947	4.53
63.0	22.056	36.511	25.352	4.53	83.9	21.099	36.483	25.598	4.52	105.9	19.489	36.457	25.957	4.53
62.9	22.056	36.512	25.353	4.53	84.4	21.098	36.485	25.602	4.52	106.5	19.629	36.464	25.978	4.53
62.9	22.058	36.512	25.352	4.53	85.4	21.081	36.485	25.604	4.52	106.9	19.607	36.464	25.984	4.53
62.9	22.062	36.510	25.350	4.53	86.4	21.045	36.490	25.618	4.52	107.0	19.603	36.465	25.986	4.53
62.9	22.064	36.512	25.351	4.53	86.6	21.049	36.486	25.614	4.52	106.8	19.551	36.450	25.962	4.53
63.0	22.066	36.513	25.351	4.53	87.3	21.005	36.495	25.633	4.51	106.5	19.649	36.444	25.958	4.53
62.9	22.065	36.512	25.350	4.53	88.2	20.924	36.496	25.656	4.51	107.0	19.601	36.463	25.985	4.53
63.4	22.056	36.511	25.352	4.53	88.9	20.780	36.498	25.697	4.51	107.6	19.590	36.463	25.990	4.53
64.0	22.046	36.511	25.355	4.53	89.3	20.921	36.491	25.680	4.51	108.5	19.554	36.456	25.992	4.53
64.0	22.049	36.513	25.355	4.53	94.4	20.645	36.479	25.719	4.52	109.0	19.538	36.451	25.992	4.53
63.9	22.056	36.513	25.354	4.53	94.8	20.480	36.477	25.762	4.52	109.2	19.555	36.454	25.990	4.53
64.5	21.992	36.509	25.368	4.53	95.5	20.435	36.483	25.778	4.52	110.4	19.519	36.453	25.999	4.53
65.5	21.953	36.507	25.378	4.53	96.0	20.431	36.477	25.775	4.52	111.4	19.518	36.455	26.000	4.53
66.5	21.827	36.509	25.415	4.53	95.8	20.444	36.480	25.774	4.50	112.6	19.530	36.460	26.001	4.53
67.0	21.813	36.508	25.418	4.53	95.9	20.435	36.480	25.776	4.52	113.0	19.526	36.457	26.000	4.53
66.9	21.867	36.502	25.399	4.53	95.9	20.421	36.479	25.779	4.52	113.5	19.518	36.462	26.006	4.53
67.4	21.793	36.506	25.422	4.53	95.9	20.424	36.479	25.778	4.52	114.0	19.501	36.462	26.010	4.53
68.4	21.741	36.503	25.435	4.53	95.9	20.427	36.477	25.776	4.52	114.5	19.459	36.463	26.022	4.53
68.9	21.703	36.502	25.445	4.53	96.6	20.368	36.480	25.794	4.52	115.5	19.421	36.456	26.027	4.53
69.5	21.693	36.503	25.448	4.53	96.9	20.333	36.478	25.802	4.52	116.0	19.414	36.455	26.028	4.53
69.9	21.679	36.503	25.452	4.53	97.0	20.327	36.478	25.803	4.52	116.4	19.398	36.454	26.031	4.53
70.0	21.677	36.504	25.453	4.53	97.4	20.280	36.468	25.809	4.52	117.5	19.299	36.445	26.050	4.53
70.2	21.691	36.504	25.452	4.53	97.9	20.147	36.438	25.821	4.52	119.4	19.278	36.431	26.045	4.53
71.5	21.602	36.500	25.471	4.53	98.1	20.179	36.450	25.822	4.52	119.4	19.176	36.413	26.057	4.54
71.9	21.529	36.499	25.491	4.53	98.9	20.035	36.417	25.835	4.52	120.0	19.143	36.406	26.061	4.53
72.4	21.514	36.497	25.493	4.53	98.9	20.019	36.413	25.837	4.52	120.4	19.170	36.404	26.052	4.54
73.4	21.480	36.495	25.502	4.53	98.9	20.134	36.428	25.817	4.52	121.4	18.977	36.384	26.087	4.54
73.9	21.468	36.495	25.505	4.53	98.9	20.172	36.392	25.772	4.52	122.5	18.834	36.394	26.131	4.54
73.9	21.484	36.496	25.501	4.53	99.5	19.977	36.422	25.854	4.52	123.0	18.355	36.393	26.125	4.54
73.3	21.523	36.497	25.491	4.53	99.8	20.012	36.412	25.838	4.52	123.3	18.929	36.382	26.097	4.54
74.5	21.454	36.496	25.510	4.53	99.9	19.934	36.406	25.854	4.52	124.4	18.978	36.420	26.140	4.54
74.7	21.461	36.494	25.506	4.53	100.5	19.967	36.393	25.861	4.52	125.4	18.881	36.438	26.153	4.54
75.5	21.398	36.489	25.520	4.53	100.7	19.892	36.388	25.851	4.52	126.0	18.853	36.450	26.169	4.54
75.9	21.406	36.489	25.518	4.53	101.5	19.754	36.380	25.881	4.52	126.4	18.847	36.433	26.157	4.54
76.4	21.300	36.486	25.544	4.52	102.0	19.754	36.383	25.884	4.53	126.9	18.802	36.433	26.169	4.54
76.9	21.320	36.482	25.536	4.53	102.0	19.779	36.386	25.879	4.52	127.4	18.785	36.424	26.167	4.54
77.5	21.241	36.482	25.558	4.53	101.5	19.843	36.389	25.865	4.53	129.3	18.776	36.429	26.172	4.54
78.1	21.215	36.485	25.567	4.53	102.4	19.696	36.389	25.903	4.53	129.8	18.776	36.432	26.175	4.54
78.0	21.262	36.481	25.551	4.53	102.9	19.666	36.383	25.907	4.53	129.5	18.771	36.431	26.175	4.54
78.0	21.228	36.481	25.561	4.53	102.7	19.715	36.384	25.895	4.53	130.4	18.597	36.437	26.224	4.54
78.4	21.214	36.481	25.564	4.53	102.9	19.687	36.377	25.896	4.53	131.0	18.569	36.430	26.226	4.54
78.9	21.201	36.481	25.569	4.53	103.5	19.658	36.388	25.913	4.53	131.5	18.567	36.427	26.224	4.54
79.2	21.195	36.481	25.570	4.53	103.9	19.657	36.389	25.914	4.53	132.0	18.561	36.425	26.224	4.54
80.4	21.170	36.482	25.577	4.52	103.9	19.657	36.388	25.913	4.53	132.3	18.575	36.422	26.218	4.54
81.4	21.134	36.483	25.588	4.52	103.9	19.659	36.388	25.912	4.53	133.0	18.542	36.426	26.230	4.54
82.5	21.114	36.483	25.594	4.52	103.7	19.667	36.386	25.909	4.53	133.4	18.516	36.420	26.232	4.54
83.0	21.105	36.483	25.596	4.52	104.1	19.664	36.388	25.911	4.53	134.4	18.416	36.419	26.256	4.54
83.5	21.101	36.485	25.598	4.52	104.6	19.668	36.404	25.922	4.53	135.0	18.374	36.411	26.261	4.54



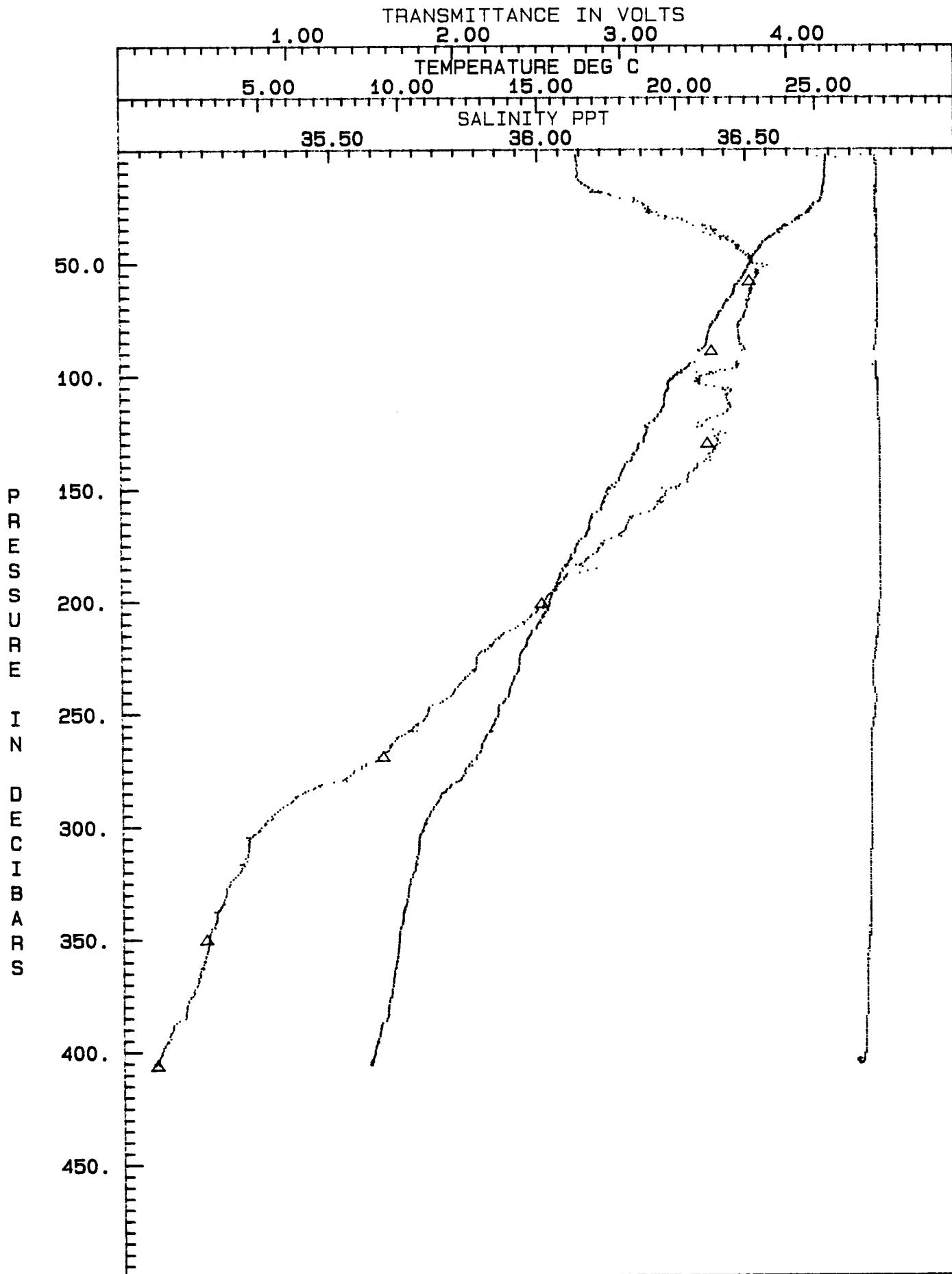


STATION H3906\*05\*3

CRUISE 8906 DATE 19 MAY GMT 16:14:00 LAT 27 33.8 LON 93 17.9 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	YSM	DEPTH	TEMP	SALT	SIGMA-T	YSM	DEPTH	TEMP	SALT	SIGMA-T	YSM
308.4	10.622	35.302	27.080	4.48	339.4	10.063	35.226	27.118	4.47	363.4	9.735	35.191	27.147	4.45
309.0	10.622	35.302	27.080	4.48	339.5	10.034	35.225	27.122	4.47	364.4	9.714	35.195	27.146	4.45
309.5	10.619	35.302	27.080	4.48	339.9	10.040	35.224	27.120	4.47	365.3	9.711	35.193	27.145	4.45
310.1	10.615	35.301	27.080	4.48	340.4	10.033	35.225	27.123	4.47	365.8	9.714	35.193	27.144	4.45
310.7	10.609	35.302	27.082	4.48	341.0	10.033	35.225	27.123	4.47	366.0	9.715	35.195	27.146	4.45
310.9	10.616	35.301	27.080	4.48	341.4	10.034	35.224	27.121	4.47	366.4	9.706	35.184	27.146	4.45
311.3	10.608	35.302	27.082	4.47	341.9	10.028	35.223	27.122	4.47	367.0	9.696	35.184	27.148	4.45
312.4	10.593	35.299	27.083	4.47	341.9	10.024	35.225	27.124	4.47	367.4	9.687	35.179	27.145	4.45
313.4	10.535	35.299	27.093	4.47	342.0	10.022	35.224	27.124	4.47	368.3	9.683	35.180	27.147	4.45
314.2	10.568	35.293	27.092	4.47	342.5	10.016	35.223	27.124	4.47	368.9	9.680	35.180	27.147	4.45
315.4	10.519	35.297	27.094	4.47	342.9	10.006	35.222	27.125	4.47	369.0	9.679	35.180	27.148	4.45
316.5	10.504	35.289	27.090	4.47	343.0	10.005	35.221	27.124	4.47	369.7	9.689	35.180	27.146	4.45
316.9	10.522	35.287	27.095	4.47	343.4	9.997	35.220	27.125	4.47	369.5	9.677	35.179	27.147	4.45
316.9	10.548	35.286	27.080	4.47	344.5	9.958	35.218	27.130	4.47	370.6	9.651	35.177	27.150	4.45
316.9	10.526	35.281	27.090	4.47	345.0	9.938	35.220	27.135	4.46	371.2	9.655	35.175	27.149	4.45
317.5	10.505	35.291	27.092	4.47	345.3	9.945	35.211	27.127	4.47	372.5	9.622	35.170	27.149	4.45
318.5	10.487	35.285	27.090	4.47	346.5	9.909	35.211	27.133	4.47	373.4	9.621	35.169	27.148	4.45
319.5	10.489	35.283	27.088	4.47	347.5	9.902	35.209	27.132	4.47	374.0	9.620	35.170	27.150	4.45
320.4	10.427	35.280	27.097	4.47	348.0	9.902	35.207	27.131	4.46	374.5	9.617	35.169	27.149	4.45
321.4	10.378	35.275	27.101	4.47	348.4	9.890	35.207	27.133	4.47	375.5	9.605	35.166	27.149	4.45
322.5	10.388	35.269	27.095	4.47	349.3	9.889	35.206	27.133	4.47	376.0	9.600	35.160	27.145	4.45
323.4	10.305	35.264	27.106	4.47	349.3	9.895	35.207	27.132	4.46	376.4	9.551	35.160	27.154	4.45
324.4	10.295	35.257	27.102	4.47	349.7	9.892	35.206	27.132	4.46	377.5	9.525	35.155	27.154	4.45
325.6	10.296	35.256	27.101	4.47	350.4	9.886	35.206	27.133	4.46	378.2	9.532	35.156	27.154	4.45
326.5	10.257	35.254	27.106	4.47	351.6	9.886	35.206	27.133	4.46	379.5	9.507	35.153	27.155	4.45
327.5	10.235	35.247	27.105	4.47	351.7	9.887	35.205	27.132	4.46	380.0	9.498	35.151	27.155	4.45
328.5	10.238	35.248	27.105	4.47	351.2	9.891	35.206	27.132	4.46	380.6	9.488	35.151	27.157	4.45
329.5	10.224	35.248	27.109	4.47	352.5	9.878	35.206	27.134	4.46	380.9	9.487	35.151	27.157	4.45
330.5	10.221	35.247	27.107	4.47	353.3	9.879	35.204	27.133	4.46	381.0	9.500	35.151	27.155	4.45
331.2	10.224	35.246	27.106	4.47	354.0	9.868	35.203	27.134	4.46	381.3	9.494	35.152	27.157	4.45
332.4	10.170	35.243	27.113	4.47	354.5	9.859	35.203	27.135	4.46	382.0	9.483	35.151	27.158	4.45
333.5	10.184	35.240	27.108	4.47	355.2	9.857	35.202	27.135	4.46	382.5	9.486	35.150	27.156	4.45
334.4	10.163	35.243	27.114	4.47	355.5	9.861	35.202	27.134	4.45	383.4	9.484	35.149	27.156	4.45
334.9	10.149	35.238	27.113	4.47	356.4	9.844	35.200	27.135	4.46	383.8	9.490	35.149	27.155	4.45
334.6	10.161	35.238	27.110	4.47	357.6	9.829	35.197	27.136	4.45	384.0	9.491	35.149	27.155	4.45
335.5	10.135	35.236	27.114	4.47	358.0	9.826	35.197	27.136	4.45	384.5	9.481	35.150	27.157	4.45
336.5	10.098	35.233	27.118	4.47	358.5	9.817	35.197	27.138	4.45	385.5	9.436	35.148	27.163	4.44
337.0	10.103	35.233	27.117	4.47	359.6	9.808	35.195	27.137	4.45	386.5	9.407	35.133	27.156	4.44
337.7	10.135	35.234	27.112	4.47	359.9	9.805	35.194	27.137	4.46	387.5	9.261	35.126	27.175	4.44
336.0	10.099	35.235	27.119	4.47	359.9	9.806	35.194	27.137	4.45	388.5	9.227	35.119	27.175	4.44
336.5	10.088	35.233	27.119	4.47	360.0	9.807	35.196	27.138	4.45	388.9	9.224	35.119	27.176	4.44
337.5	10.060	35.230	27.122	4.47	359.9	9.809	35.195	27.137	4.45	389.4	9.218	35.118	27.176	4.44
337.9	10.061	35.227	27.119	4.47	360.0	9.809	35.193	27.136	4.45	389.9	9.208	35.119	27.178	4.44
338.0	10.065	35.219	27.113	4.47	360.4	9.792	35.195	27.140	4.45	390.4	9.213	35.118	27.177	4.44
338.0	10.059	35.225	27.118	4.47	361.4	9.772	35.192	27.141	4.45	391.4	9.191	35.116	27.178	4.44
337.0	10.109	35.231	27.114	4.47	362.5	9.765	35.190	27.141	4.45	391.9	9.179	35.112	27.177	4.44
337.3	10.063	35.228	27.120	4.47	362.9	9.772	35.187	27.137	4.45	392.5	9.166	35.112	27.179	4.44
338.0	10.053	35.226	27.120	4.47	363.0	9.764	35.186	27.138	4.45	393.3	9.166	35.110	27.178	4.44
338.4	10.047	35.226	27.121	4.47	362.9	9.759	35.189	27.141	4.45	394.4	9.120	35.112	27.187	4.44
339.0	10.042	35.225	27.121	4.47	363.0	9.749	35.193	27.146	4.45	395.5	9.089	35.106	27.187	4.44





CRUISE: 89G06      STATION: N89G06\*05\*3      DATE: 18 MAY  
 GMT: 16: 14: XX      LATITUDE: 27 33.8      LONGITUDE: 93 17.9  
 TRIANGLES DENOTE DISCRETE SAMPLES

STATION MO956+05+1

CRUISE 12036 DATE 11 MAY 2003 TIME 03:00:00 LAT 37 19.2 LON 93 01.8 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	NSM	DEPTH	TEMP	SALT	SIGMA-T	NSM	DEPTH	TEMP	SALT	SIGMA-T	NSM
10.0	25.300	36.463	24.357	4.51	13.2	25.297	36.463	24.358	4.52	37.0	23.956	36.442	24.749	4.52
1.0	25.304	36.466	24.358	4.74	14.0	25.287	36.462	24.360	4.52	37.0	23.932	36.449	24.761	4.52
3.8	25.310	36.464	24.360	4.42	14.0	25.297	36.463	24.358	4.52	36.9	23.948	36.459	24.764	4.52
3.9	25.300	36.465	24.358	4.46	14.5	25.274	36.460	24.363	4.52	36.7	24.154	36.448	24.694	4.52
3.9	25.300	36.464	24.356	4.47	15.2	25.248	36.460	24.371	4.52	36.9	24.007	36.455	24.743	4.52
3.9	25.302	36.465	24.358	4.49	16.0	25.215	36.459	24.380	4.52	36.9	23.994	36.405	24.709	4.52
3.9	25.306	36.465	24.357	4.49	16.4	25.205	36.461	24.385	4.52	36.9	23.896	36.464	24.793	4.52
3.8	25.309	36.463	24.355	4.51	17.5	25.162	36.455	24.394	4.52	37.5	23.823	36.458	24.800	4.52
3.7	25.306	36.464	24.356	4.51	17.7	25.185	36.457	24.388	4.52	37.9	23.803	36.450	24.800	4.52
3.9	25.301	36.462	24.356	4.51	18.5	25.132	36.456	24.404	4.52	38.5	23.781	36.456	24.811	4.52
4.0	25.301	36.463	24.357	4.51	19.0	25.114	36.453	24.407	4.52	38.9	23.759	36.456	24.817	4.52
4.0	25.300	36.463	24.357	4.51	19.4	25.109	36.454	24.409	4.52	38.9	23.742	36.459	24.825	4.52
3.9	25.302	36.463	24.357	4.52	20.4	25.076	36.451	24.417	4.52	38.9	23.725	36.469	24.837	4.51
3.9	25.309	36.465	24.356	4.52	21.0	25.082	36.450	24.414	4.52	38.9	23.728	36.456	24.827	4.52
3.9	25.308	36.465	24.356	4.52	21.5	25.086	36.453	24.416	4.52	38.9	23.723	36.455	24.828	4.52
3.9	25.309	36.465	24.356	4.52	22.0	25.092	36.457	24.414	4.52	39.0	23.732	36.468	24.835	4.52
4.0	25.309	36.465	24.356	4.52	22.4	25.084	36.451	24.415	4.52	39.9	23.803	36.457	24.905	4.52
3.9	25.309	36.465	24.356	4.52	23.5	25.056	36.451	24.423	4.52	39.7	23.838	36.451	24.790	4.52
4.0	25.308	36.465	24.356	4.52	24.0	25.057	36.450	24.422	4.52	39.4	23.641	36.459	24.855	4.52
3.8	25.304	36.463	24.356	4.52	23.9	25.058	36.449	24.421	4.52	39.9	23.552	36.459	24.881	4.52
4.0	25.303	36.464	24.357	4.52	24.0	25.056	36.449	24.422	4.52	40.6	23.419	36.468	24.927	4.52
4.1	25.302	36.464	24.357	4.52	23.8	25.060	36.450	24.421	4.52	40.4	23.622	36.460	24.861	4.52
4.6	25.302	36.464	24.357	4.52	23.9	25.058	36.446	24.419	4.52	41.5	23.314	36.467	24.957	4.52
4.7	25.306	36.463	24.355	4.52	24.5	25.024	36.450	24.432	4.52	42.6	23.139	36.465	25.006	4.52
5.5	25.302	36.463	24.357	4.52	25.4	25.000	36.450	24.439	4.52	42.3	23.341	36.456	24.940	4.52
6.4	25.297	36.464	24.359	4.52	26.0	25.012	36.450	24.436	4.52	43.5	22.869	36.419	25.050	4.52
7.0	25.296	36.463	24.359	4.52	25.9	25.029	36.450	24.430	4.52	44.3	22.351	36.419	25.055	4.52
6.8	25.300	36.464	24.358	4.52	26.5	24.970	36.449	24.448	4.52	45.5	22.660	36.425	25.115	4.52
7.0	25.297	36.463	24.358	4.52	27.0	24.944	36.448	24.455	4.52	45.9	22.596	36.418	25.128	4.52
6.7	25.297	36.464	24.359	4.52	27.6	24.949	36.446	24.452	4.52	46.5	22.550	36.423	25.145	4.52
7.0	25.298	36.464	24.359	4.39	27.9	24.957	36.447	24.450	4.52	47.1	22.560	36.416	25.136	4.52
7.5	25.297	36.464	24.359	4.49	27.9	24.961	36.445	24.448	4.52	47.9	22.437	36.417	25.172	4.52
8.0	25.299	36.463	24.358	4.52	27.7	24.988	36.447	24.441	4.52	48.5	22.432	36.417	25.174	4.52
8.0	25.299	36.463	24.358	4.52	28.4	24.949	36.448	24.454	4.52	48.9	22.449	36.426	25.176	4.52
7.9	25.299	36.463	24.358	4.52	29.5	24.931	36.446	24.458	4.52	48.4	22.477	36.420	25.163	4.52
7.4	25.298	36.464	24.359	4.52	30.0	24.917	36.447	24.462	4.52	49.6	22.459	36.448	25.190	4.52
8.1	25.296	36.464	24.359	4.52	30.4	24.772	36.445	24.505	4.52	49.7	22.449	36.435	25.193	4.52
9.0	25.292	36.465	24.361	4.52	31.4	24.632	36.438	24.542	4.52	50.4	22.411	36.442	25.199	4.52
9.2	25.294	36.464	24.360	4.52	31.8	24.619	36.445	24.552	4.52	51.3	22.341	36.432	25.211	4.52
10.0	25.296	36.464	24.359	4.52	32.0	24.618	36.443	24.551	4.52	52.4	22.224	36.415	25.232	4.52
9.9	25.297	36.463	24.358	4.52	32.0	24.638	36.437	24.540	4.52	52.9	22.171	36.392	25.229	4.53
10.0	25.297	36.464	24.359	4.52	31.9	24.663	36.443	24.537	4.52	53.0	22.167	36.392	25.230	4.52
10.4	25.297	36.462	24.357	4.52	31.9	24.694	36.445	24.529	4.52	53.5	22.130	36.402	25.249	4.52
11.0	25.299	36.464	24.358	4.52	32.4	24.647	36.438	24.538	4.52	54.0	22.109	36.410	25.260	4.52
10.9	25.299	36.463	24.358	4.52	32.9	24.620	36.450	24.585	4.52	54.4	22.098	36.404	25.259	4.52
11.0	25.299	36.463	24.358	4.53	33.3	24.624	36.440	24.577	4.52	54.8	22.097	36.405	25.260	4.53
11.0	25.298	36.463	24.358	4.52	34.5	24.265	36.449	24.661	4.52	54.9	22.098	36.406	25.261	4.53
11.4	25.298	36.463	24.358	4.52	35.0	24.348	36.438	24.628	4.52	54.9	22.094	36.410	25.265	4.53
12.0	25.297	36.463	24.358	4.52	35.3	24.215	36.449	24.676	4.52	54.9	22.092	36.413	25.267	4.53
12.2	25.297	36.463	24.358	4.52	36.6	23.946	36.456	24.762	4.52	55.3	22.093	36.411	25.266	4.53

STATION N89S06+06\*1

CRUISE 89G06 DATE 18 MAY GMT 23:01:XX LAT 27 19.2 LON 93 8.5 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
56.4	22.022	36.408	25.283	4.53	84.5	20.614	36.526	25.763	4.51	106.7	19.259	36.470	26.090	4.54
57.5	21.887	36.397	25.313	4.53	85.6	20.610	36.528	25.765	4.51	106.9	19.269	36.465	26.073	4.54
58.2	21.883	36.393	25.311	4.52	86.0	20.614	36.526	25.763	4.51	107.5	19.228	36.471	26.088	4.54
59.0	21.872	36.399	25.319	4.53	84.8	20.699	36.535	25.747	4.50	107.9	19.208	36.473	26.095	4.53
59.2	21.882	36.404	25.320	4.52	85.5	20.606	36.533	25.770	4.51	108.6	19.210	36.471	26.093	4.54
60.5	21.920	36.467	25.357	4.52	86.5	20.611	36.538	25.773	4.51	109.9	19.212	36.469	26.091	4.54
61.3	21.917	36.471	25.361	4.52	86.9	20.607	36.537	25.773	4.51	109.4	19.195	36.477	26.101	4.54
61.9	21.910	36.497	25.383	4.52	86.9	20.609	36.537	25.773	4.51	110.5	19.179	36.500	26.125	4.54
62.0	21.911	36.494	25.380	4.52	86.7	20.615	36.533	25.768	4.51	110.9	19.167	36.502	26.128	4.53
62.4	21.894	36.496	25.386	4.52	86.9	20.601	36.539	25.776	4.51	111.4	19.142	36.503	26.135	4.54
63.5	21.843	36.497	25.401	4.52	86.9	20.597	36.542	25.780	4.51	111.9	19.090	36.494	26.142	4.54
63.9	21.808	36.499	25.413	4.52	86.9	20.595	36.541	25.779	4.51	112.4	19.069	36.495	26.148	4.54
63.9	21.799	36.502	25.418	4.52	87.4	20.559	36.546	25.793	4.51	113.4	19.015	36.487	26.156	4.54
63.9	21.834	36.505	25.410	4.52	87.9	20.536	36.541	25.795	4.51	114.7	19.091	36.484	26.159	4.54
63.5	21.866	36.486	25.387	4.52	88.4	20.556	36.563	25.807	4.50	114.9	19.031	36.498	26.160	4.54
64.5	21.715	36.485	25.428	4.52	88.8	20.549	36.558	25.805	4.52	114.9	19.014	36.478	26.149	4.54
65.5	21.645	36.473	25.439	4.52	89.5	20.422	36.556	25.838	4.52	115.4	18.732	36.491	26.173	4.54
65.9	21.561	36.477	25.465	4.52	89.9	20.372	36.561	25.855	4.52	116.4	18.846	36.474	26.189	4.54
66.4	21.544	36.463	25.459	4.52	90.4	20.401	36.550	25.839	4.52	117.5	18.804	36.468	26.195	4.54
66.9	21.541	36.463	25.460	4.52	91.4	20.280	36.547	25.869	4.52	117.9	18.877	36.470	26.178	4.54
67.4	21.524	36.466	25.467	4.51	91.9	20.247	36.567	25.893	4.52	117.9	18.827	36.469	26.190	4.54
67.9	21.504	36.465	25.472	4.52	92.4	20.283	36.568	25.884	4.52	119.4	18.815	36.477	26.199	4.54
68.5	21.514	36.470	25.473	4.52	92.9	20.326	36.594	25.892	4.53	118.9	18.814	36.483	26.204	4.54
68.9	21.441	36.474	25.496	4.52	93.1	20.289	36.573	25.886	4.53	119.4	18.794	36.485	26.211	4.54
69.3	21.428	36.461	25.490	4.52	93.9	20.236	36.620	25.936	4.53	120.5	18.818	36.501	26.217	4.54
70.4	21.394	36.458	25.497	4.52	94.5	20.224	36.623	25.942	4.53	121.4	18.813	36.500	26.217	4.54
70.9	21.354	36.459	25.509	4.52	94.6	20.234	36.612	25.931	4.53	122.5	18.808	36.513	26.229	4.54
70.5	21.405	36.459	25.495	4.52	95.5	20.124	36.607	25.957	4.51	123.5	18.826	36.533	26.239	4.54
71.4	21.332	36.469	25.523	4.52	95.9	20.054	36.608	25.976	4.52	124.2	18.824	36.535	26.241	4.54
72.4	21.332	36.465	25.520	4.51	95.9	20.048	36.604	25.974	4.53	124.7	18.800	36.536	26.249	4.54
73.4	21.256	36.469	25.544	4.51	96.6	19.985	36.576	25.970	4.53	125.5	18.793	36.531	26.249	4.54
73.9	21.243	36.469	25.547	4.51	96.9	20.068	36.542	25.922	4.53	126.4	18.720	36.519	26.256	4.54
74.5	21.252	36.493	25.555	4.51	97.4	19.986	36.563	25.986	4.53	127.5	18.546	36.496	26.282	4.54
75.1	21.270	36.494	25.559	4.51	98.1	19.741	36.551	26.015	4.53	128.0	18.518	36.484	26.280	4.54
75.9	21.292	36.568	25.609	4.49	98.5	19.685	36.532	26.015	4.53	128.3	18.569	36.491	26.273	4.54
76.5	21.302	36.576	25.613	4.48	99.0	19.650	36.519	26.015	4.53	129.5	18.376	36.466	26.302	4.54
77.3	21.291	36.557	25.601	4.49	99.3	19.746	36.545	26.009	4.53	130.5	18.331	36.446	26.298	4.54
77.9	21.281	36.578	25.620	4.48	99.9	19.586	36.510	26.025	4.53	131.0	18.306	36.445	26.304	4.54
78.6	21.240	36.580	25.633	4.48	100.5	19.587	36.499	26.016	4.54	131.5	18.179	36.445	26.336	4.54
78.9	21.289	36.565	25.608	4.48	101.4	19.596	36.500	26.014	4.54	132.4	18.100	36.423	26.339	4.54
79.4	21.201	36.594	25.654	4.48	101.9	19.554	36.496	26.022	4.54	132.9	18.043	36.410	26.343	4.55
80.0	21.190	36.594	25.660	4.48	102.6	19.535	36.489	26.022	4.53	133.4	17.995	36.400	26.347	4.54
80.2	21.198	36.591	25.653	4.49	103.0	19.542	36.483	26.016	4.53	134.4	17.994	36.390	26.340	4.54
81.5	20.924	36.590	25.727	4.49	102.9	19.530	36.490	26.024	4.53	135.0	17.899	36.370	26.348	4.54
81.9	21.027	36.576	25.688	4.50	103.5	19.367	36.492	26.068	4.53	135.5	17.790	36.363	26.370	4.54
81.9	20.957	36.582	25.712	4.50	103.9	19.306	36.468	26.066	4.53	136.5	17.704	36.355	26.385	4.55
82.5	20.926	36.553	25.726	4.50	104.5	19.326	36.472	26.063	4.53	137.3	17.736	36.356	26.378	4.55
83.5	20.635	36.539	25.767	4.50	105.0	19.287	36.483	26.082	4.54	138.4	17.614	36.344	26.398	4.55
83.6	20.775	36.546	25.734	4.50	105.4	19.274	36.472	26.077	4.54	139.5	17.459	36.327	26.423	4.55
84.5	20.605	36.530	25.768	4.51	106.0	19.255	36.471	26.092	4.53	140.0	17.442	36.322	26.424	4.54



STATION N8906+06\*1

CRUISE 09G06 DATE 18 MAY GMT 23:01:00 LAT 27 19.2 LON 93 8.5 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
140.0	17.442	36.322	26.424	4.55	170.4	16.209	36.135	26.674	4.54	200.6	15.025	35.974	26.719	4.54
139.9	17.451	36.314	26.416	4.55	170.5	16.130	36.136	26.693	4.54	200.8	15.040	35.971	26.713	4.54
139.9	17.449	36.314	26.416	4.55	171.6	16.102	36.128	26.693	4.54	201.4	14.991	35.965	26.719	4.54
140.0	17.490	36.324	26.416	4.55	172.6	16.080	36.118	26.691	4.54	202.0	14.928	35.963	26.731	4.54
140.3	17.478	36.315	26.409	4.55	173.4	15.989	36.105	26.602	4.54	202.0	14.914	35.961	26.733	4.54
141.4	17.367	36.308	26.431	4.55	173.9	15.952	36.098	26.605	4.55	202.7	14.991	35.955	26.734	4.54
142.6	17.368	36.305	26.428	4.55	174.5	15.939	36.100	26.609	4.54	203.1	14.919	35.952	26.725	4.54
143.0	17.371	36.295	26.420	4.54	175.4	15.926	36.094	26.607	4.54	203.6	14.907	35.950	26.726	4.54
143.5	17.326	36.299	26.434	4.55	175.9	15.935	36.097	26.617	4.54	204.5	14.880	35.947	26.730	4.54
144.5	17.300	36.297	26.439	4.55	176.0	15.891	36.093	26.615	4.54	205.7	14.879	35.948	26.731	4.54
145.3	17.310	36.298	26.437	4.55	176.1	15.885	36.096	26.618	4.54	206.4	14.843	35.945	26.736	4.54
146.4	17.269	36.295	26.445	4.55	176.7	15.957	36.112	26.637	4.54	207.4	14.790	35.936	26.743	4.54
147.4	17.207	36.291	26.457	4.55	177.5	15.951	36.119	26.644	4.54	208.4	14.753	35.931	26.745	4.53
147.9	17.178	36.288	26.461	4.55	178.4	15.791	36.109	26.652	4.54	208.2	14.804	35.935	26.737	4.53
147.9	17.242	36.287	26.445	4.54	179.9	15.747	36.078	26.636	4.54	209.3	14.700	35.926	26.753	4.53
148.4	17.198	36.283	26.453	4.54	179.4	15.752	36.122	26.669	4.54	209.9	14.679	35.920	26.753	4.53
148.9	17.142	36.277	26.462	4.55	180.5	15.678	36.072	26.647	4.54	210.4	14.699	35.919	26.748	4.53
149.5	17.123	36.274	26.464	4.55	181.0	15.642	36.070	26.654	4.54	211.0	14.678	35.921	26.754	4.53
150.4	17.027	36.257	26.474	4.55	181.5	15.665	36.066	26.646	4.54	211.5	14.646	35.916	26.757	4.53
151.4	16.913	36.249	26.495	4.55	182.0	15.637	36.069	26.655	4.54	212.4	14.617	35.908	26.758	4.53
152.2	16.887	36.239	26.494	4.55	182.4	15.613	36.063	26.655	4.54	213.4	14.579	35.901	26.769	4.53
153.4	16.911	36.232	26.507	4.55	183.5	15.609	36.056	26.651	4.54	214.2	14.454	35.883	26.773	4.53
154.0	16.809	36.227	26.503	4.55	184.4	15.537	36.057	26.668	4.54	214.7	14.411	35.879	26.780	4.53
154.4	16.804	36.226	26.504	4.55	185.7	15.525	36.046	26.662	4.54	215.0	14.792	35.881	26.785	4.53
155.1	16.793	36.223	26.504	4.55	186.4	15.489	36.043	26.668	4.54	215.4	14.759	35.876	26.789	4.53
154.9	16.838	36.229	26.498	4.54	187.5	15.442	36.039	26.675	4.54	215.9	14.708	35.872	26.796	4.53
155.0	16.811	36.225	26.501	4.54	188.0	15.433	36.034	26.674	4.54	216.4	14.659	35.862	26.799	4.53
155.5	16.742	36.225	26.518	4.55	188.3	15.423	36.037	26.678	4.54	217.0	14.672	35.862	26.797	4.53
156.5	16.689	36.214	26.521	4.55	189.5	15.380	36.023	26.684	4.54	217.5	14.624	35.848	26.796	4.53
157.5	16.677	36.206	26.518	4.55	189.9	15.340	36.019	26.683	4.54	218.0	14.620	35.847	26.796	4.53
157.3	16.741	36.215	26.510	4.55	190.0	15.339	36.020	26.684	4.54	218.4	14.602	35.846	26.799	4.53
158.4	16.596	36.203	26.535	4.55	190.5	15.328	36.020	26.687	4.54	219.0	14.183	35.842	26.800	4.53
159.5	16.538	36.191	26.540	4.55	191.5	15.309	36.017	26.688	4.54	219.4	14.160	35.837	26.801	4.53
160.0	16.574	36.148	26.498	4.54	191.9	15.299	36.015	26.689	4.54	220.5	14.161	35.835	26.799	4.53
159.6	16.611	36.193	26.524	4.55	192.0	15.299	36.015	26.689	4.54	221.4	14.110	35.830	26.806	4.53
160.4	16.494	36.184	26.545	4.55	192.0	15.297	36.015	26.689	4.54	222.5	14.058	35.824	26.813	4.53
161.5	16.441	36.176	26.551	4.55	192.4	15.283	36.013	26.691	4.54	223.2	14.071	35.821	26.808	4.53
162.1	16.464	36.173	26.543	4.54	193.5	15.255	36.006	26.692	4.54	224.4	13.971	35.811	26.821	4.53
163.0	16.409	36.170	26.554	4.54	194.0	15.246	36.004	26.693	4.54	225.5	13.976	35.798	26.831	4.53
163.5	16.398	36.167	26.554	4.54	194.4	15.250	36.003	26.691	4.54	226.0	13.887	35.796	26.827	4.53
164.7	16.381	36.163	26.555	4.54	195.5	15.182	35.997	26.701	4.54	225.8	13.978	35.801	26.812	4.53
165.4	16.313	36.151	26.562	4.54	196.3	15.173	35.994	26.701	4.54	226.3	13.872	35.800	26.833	4.53
166.5	16.295	36.148	26.563	4.55	197.5	15.088	35.984	26.712	4.54	226.9	13.955	35.792	26.831	4.53
167.4	16.297	36.148	26.563	4.55	198.0	15.064	35.983	26.717	4.54	227.5	13.853	35.788	26.828	4.53
167.9	16.288	36.151	26.568	4.55	198.4	15.055	35.976	26.713	4.54	228.6	13.805	35.787	26.837	4.53
168.0	16.287	36.149	26.566	4.55	198.9	15.053	35.975	26.713	4.54	229.0	13.823	35.785	26.832	4.53
168.0	16.286	36.151	26.568	4.54	198.9	15.052	35.976	26.714	4.54	229.0	13.933	35.755	26.807	4.53
168.4	16.282	36.148	26.567	4.54	199.0	15.052	35.975	26.713	4.54	228.5	13.855	35.785	26.825	4.53
169.4	16.227	36.141	26.574	4.54	199.3	15.051	35.974	26.713	4.54	229.4	13.776	35.783	26.841	4.53
170.0	16.167	36.140	26.587	4.54	200.0	15.046	35.974	26.714	4.54	230.4	13.745	35.774	26.840	4.53

STATION N99G06\*06\*1

CRUISE 09G06 DATE 18 MAY GMT 23:01:XX LAT 27 19.2 LON 93 8.5 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
231.4	13.666	35.772	26.955	4.53	258.3	12.865	35.637	26.914	4.52	285.5	12.057	35.510	26.975	4.51
232.0	13.634	35.773	26.962	4.53	259.4	12.834	35.629	26.915	4.52	286.0	12.053	35.509	26.974	4.51
232.0	13.667	35.767	26.951	4.53	260.0	12.811	35.626	26.917	4.52	286.4	12.039	35.509	26.978	4.51
231.7	13.729	35.761	26.933	4.53	260.5	12.783	35.626	26.923	4.52	287.4	12.008	35.502	26.978	4.51
232.5	13.585	35.768	26.969	4.53	260.9	12.789	35.626	26.921	4.52	288.4	11.959	35.497	26.984	4.51
233.4	13.583	35.747	26.853	4.53	260.8	12.826	35.625	26.913	4.52	289.0	11.928	35.496	26.989	4.51
234.5	13.577	35.745	26.853	4.53	261.5	12.767	35.623	26.923	4.52	290.7	11.931	35.492	26.985	4.51
234.9	13.600	35.746	26.849	4.53	262.5	12.736	35.619	26.923	4.52	290.4	11.878	35.489	26.993	4.51
235.5	13.573	35.745	26.954	4.53	263.1	12.725	35.610	26.921	4.52	291.5	11.918	35.481	26.998	4.50
236.1	13.567	35.743	26.853	4.53	263.8	12.724	35.606	26.918	4.52	292.4	11.928	35.475	26.992	4.50
237.4	13.535	35.740	26.857	4.53	264.5	12.726	35.609	26.925	4.52	293.0	11.929	35.477	26.997	4.50
237.9	13.555	35.740	26.854	4.53	265.5	12.674	35.607	26.923	4.52	293.5	11.925	35.472	27.000	4.50
238.0	13.539	35.721	26.942	4.53	266.1	12.655	35.602	26.929	4.52	294.5	11.920	35.468	26.999	4.50
238.5	13.499	35.738	26.864	4.53	266.7	12.679	35.604	26.926	4.52	295.3	11.965	35.467	26.997	4.50
239.0	13.492	35.733	26.861	4.53	267.0	12.683	35.608	26.928	4.52	295.0	11.947	35.466	27.000	4.50
239.4	13.475	35.730	26.862	4.53	267.5	12.653	35.601	26.929	4.52	296.5	11.941	35.464	27.000	4.50
239.9	13.455	35.731	26.867	4.53	268.4	12.640	35.598	26.929	4.52	296.6	11.939	35.462	26.999	4.50
240.6	13.469	35.727	26.861	4.53	269.0	12.638	35.599	26.930	4.52	297.5	11.929	35.463	27.001	4.50
241.0	13.470	35.722	26.857	4.53	269.5	12.639	35.597	26.929	4.52	298.0	11.897	35.460	27.005	4.50
241.4	13.435	35.725	26.867	4.53	270.5	12.629	35.597	26.931	4.51	298.5	11.689	35.455	27.003	4.50
242.5	13.422	35.720	26.865	4.53	271.5	12.616	35.595	26.932	4.51	298.9	11.686	35.453	27.001	4.50
242.9	13.422	35.719	26.865	4.53	271.9	12.617	35.592	26.929	4.52	299.0	11.688	35.454	27.002	4.50
242.9	13.428	35.721	26.865	4.53	271.9	12.616	35.594	26.931	4.51	299.0	11.692	35.453	27.000	4.50
242.7	13.429	35.720	26.864	4.53	272.0	12.616	35.595	26.932	4.51	299.0	11.695	35.448	26.996	4.50
243.4	13.423	35.719	26.865	4.53	272.0	12.624	35.594	26.929	4.51	299.0	11.693	35.451	26.999	4.50
244.5	13.396	35.716	26.867	4.53	272.4	12.608	35.592	26.931	4.51	299.2	11.694	35.454	27.001	4.50
245.5	13.354	35.710	26.872	4.53	273.4	12.539	35.586	26.940	4.51	300.0	11.656	35.456	27.010	4.50
246.4	13.326	35.705	26.874	4.53	274.0	12.467	35.582	26.951	4.51	300.5	11.619	35.446	27.009	4.50
247.0	13.296	35.704	26.879	4.53	274.4	12.506	35.577	26.939	4.51	301.6	11.577	35.440	27.012	4.50
247.0	13.292	35.701	26.877	4.53	275.5	12.355	35.568	26.962	4.51	302.1	11.579	35.433	27.006	4.50
247.5	13.275	35.702	26.882	4.53	276.6	12.328	35.555	26.957	4.51	302.7	11.498	35.431	27.022	4.50
248.0	13.260	35.697	26.881	4.53	277.4	12.343	35.552	26.952	4.51	303.5	11.468	35.424	27.020	4.50
248.0	13.260	35.695	26.879	4.53	278.4	12.283	35.547	26.960	4.51	304.6	11.469	35.423	27.019	4.50
248.5	13.250	35.693	26.880	4.53	279.4	12.205	35.537	26.967	4.51	305.4	11.449	35.421	27.021	4.50
249.0	13.243	35.691	26.880	4.53	280.5	12.188	35.531	26.966	4.51	306.5	11.409	35.419	27.027	4.50
249.5	13.254	35.694	26.880	4.53	281.0	12.193	35.524	26.959	4.51	307.5	11.402	35.414	27.024	4.50
250.4	13.154	35.684	26.892	4.53	281.0	12.191	35.525	26.961	4.51	308.0	11.402	35.410	27.021	4.49
251.5	13.120	35.674	26.892	4.52	281.0	12.191	35.529	26.964	4.51	308.4	11.378	35.409	27.025	4.49
252.3	13.133	35.675	26.890	4.52	281.0	12.199	35.531	26.964	4.51	309.4	11.354	35.407	27.028	4.49
253.4	13.079	35.670	26.897	4.52	280.9	12.205	35.531	26.963	4.51	310.0	11.347	35.407	27.029	4.49
254.5	13.005	35.659	26.903	4.52	280.9	12.212	35.540	26.969	4.51	310.0	11.348	35.406	27.029	4.49
255.0	12.998	35.654	26.901	4.52	281.0	12.226	35.529	26.957	4.51	310.4	11.338	35.405	27.030	4.49
255.0	13.030	35.659	26.898	4.52	281.4	12.182	35.526	26.963	4.51	310.9	11.330	35.400	27.027	4.49
254.8	13.075	35.659	26.899	4.52	282.0	12.113	35.520	26.972	4.51	311.5	11.309	35.400	27.031	4.49
255.4	13.012	35.655	26.899	4.52	282.5	12.100	35.519	26.974	4.51	312.5	11.280	35.398	27.035	4.49
256.5	12.947	35.649	26.907	4.52	283.4	12.093	35.515	26.972	4.51	313.0	11.265	35.396	27.036	4.49
257.0	12.941	35.643	26.904	4.52	284.0	12.085	35.518	26.976	4.51	313.0	11.261	35.401	27.041	4.49
257.4	12.922	35.644	26.908	4.52	284.0	12.087	35.515	26.973	4.51	313.4	11.246	35.395	27.039	4.49
258.0	12.898	35.642	26.912	4.52	284.0	12.086	35.514	26.972	4.51	313.9	11.220	35.385	27.036	4.49
258.0	12.898	35.643	26.915	4.52	284.5	12.074	35.513	26.974	4.51	314.5	11.191	35.387	27.042	4.49

STATION H89606\*06\*1

CRUISE 89606 DATE 18 MAY SMT 23:01:XX LAT 27 19.2 LON 93 8.5 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
315.6	11.168	35.382	27.043	4.49	349.5	10.481	35.293	27.090	4.47	392.0	10.004	35.219	27.123	4.45
316.3	11.145	35.377	27.043	4.49	350.4	10.471	35.281	27.090	4.47	382.6	10.006	35.217	27.121	4.45
317.0	11.133	35.375	27.044	4.49	351.5	10.462	35.278	27.091	4.47	383.4	9.996	35.216	27.124	4.45
317.4	11.116	35.375	27.047	4.49	352.3	10.435	35.275	27.092	4.47	384.0	9.971	35.215	27.125	4.45
318.4	11.096	35.372	27.048	4.49	353.5	10.394	35.268	27.093	4.47	384.5	9.969	35.214	27.125	4.44
319.5	11.060	35.366	27.050	4.49	354.5	10.392	35.267	27.093	4.47	385.5	9.962	35.214	27.126	4.45
320.0	11.047	35.365	27.052	4.49	355.4	10.386	35.267	27.094	4.47	386.0	9.966	35.211	27.123	4.45
320.0	11.044	35.366	27.053	4.49	355.3	10.380	35.266	27.094	4.47	385.9	9.965	35.211	27.123	4.44
320.3	11.049	35.365	27.044	4.49	356.5	10.374	35.266	27.095	4.47	385.9	9.964	35.212	27.124	4.44
321.0	11.000	35.379	27.071	4.49	357.2	10.378	35.266	27.094	4.47	385.9	9.964	35.211	27.124	4.44
321.4	10.975	35.358	27.058	4.49	358.4	10.356	35.265	27.098	4.46	385.9	9.965	35.214	27.126	4.44
322.5	10.961	35.351	27.056	4.49	359.0	10.350	35.264	27.098	4.46	385.9	9.966	35.214	27.125	4.44
323.2	10.962	35.349	27.055	4.49	359.5	10.347	35.260	27.095	4.46	386.0	9.966	35.213	27.125	4.45
323.9	10.934	35.346	27.058	4.49	360.2	10.324	35.261	27.100	4.46	386.0	9.967	35.212	27.124	4.45
324.5	10.903	35.345	27.062	4.49	360.5	10.345	35.260	27.096	4.46	386.3	9.962	35.213	27.125	4.44
325.0	10.896	35.341	27.061	4.48	361.5	10.305	35.262	27.104	4.46	387.4	9.946	35.210	27.126	4.44
325.3	10.898	35.342	27.061	4.48	362.5	10.296	35.256	27.101	4.46	388.0	9.974	35.210	27.128	4.44
326.0	10.872	35.342	27.066	4.48	363.0	10.292	35.255	27.101	4.46	388.5	9.922	35.209	27.129	4.44
326.5	10.860	35.340	27.067	4.48	363.5	10.281	35.256	27.104	4.46	389.9	9.918	35.206	27.127	4.44
327.4	10.838	35.332	27.064	4.48	364.0	10.297	35.251	27.097	4.46	389.0	9.919	35.205	27.127	4.44
328.3	10.812	35.332	27.069	4.48	364.0	10.292	35.241	27.090	4.46	389.5	9.908	35.205	27.128	4.44
328.3	10.847	35.332	27.062	4.48	363.9	10.280	35.250	27.099	4.46	389.9	9.895	35.206	27.131	4.44
329.1	10.791	35.332	27.074	4.48	364.0	10.278	35.255	27.104	4.46	390.5	9.892	35.204	27.130	4.44
329.7	10.753	35.330	27.078	4.48	363.6	10.303	35.255	27.099	4.46	391.4	9.876	35.202	27.132	4.44
330.4	10.747	35.323	27.073	4.48	364.4	10.245	35.251	27.106	4.46	392.4	9.866	35.200	27.132	4.44
331.6	10.748	35.320	27.071	4.48	365.4	10.215	35.249	27.110	4.46	392.9	9.863	35.202	27.134	4.44
332.0	10.752	35.319	27.070	4.48	366.5	10.201	35.244	27.109	4.46	393.3	9.865	35.199	27.131	4.44
331.9	10.750	35.319	27.070	4.48	366.9	10.214	35.243	27.105	4.46	394.5	9.833	35.196	27.134	4.44
331.9	10.751	35.320	27.071	4.48	366.7	10.254	35.247	27.102	4.46	395.6	9.812	35.190	27.133	4.44
331.8	10.773	35.325	27.070	4.48	367.5	10.201	35.246	27.110	4.46	396.4	9.792	35.188	27.135	4.44
332.4	10.748	35.322	27.073	4.48	368.0	10.174	35.236	27.107	4.46	397.5	9.777	35.186	27.136	4.44
333.2	10.741	35.318	27.071	4.49	368.6	10.155	35.242	27.115	4.46	398.4	9.764	35.185	27.137	4.44
334.4	10.712	35.316	27.074	4.48	369.4	10.156	35.236	27.110	4.46	398.9	9.759	35.191	27.143	4.44
335.6	10.704	35.312	27.073	4.48	370.0	10.152	35.235	27.110	4.46	399.0	9.762	35.186	27.138	4.44
336.5	10.689	35.312	27.075	4.48	370.2	10.164	35.238	27.110	4.46	398.7	9.778	35.186	27.136	4.44
337.5	10.673	35.310	27.076	4.48	371.4	10.138	35.235	27.112	4.45	399.0	9.783	35.186	27.135	4.43
338.4	10.670	35.308	27.075	4.48	372.4	10.119	35.236	27.116	4.46	399.5	9.752	35.186	27.140	4.44
338.9	10.669	35.309	27.076	4.48	373.5	10.105	35.234	27.117	4.45	400.4	9.695	35.181	27.146	4.44
339.4	10.656	35.307	27.077	4.47	373.9	10.107	35.234	27.117	4.45	401.0	9.680	35.174	27.143	4.44
340.5	10.626	35.301	27.078	4.47	373.4	10.137	35.234	27.112	4.45	401.5	9.670	35.173	27.144	4.44
341.3	10.614	35.301	27.080	4.47	374.4	10.099	35.235	27.121	4.45	402.2	9.682	35.172	27.141	4.44
342.4	10.594	35.299	27.082	4.47	375.0	10.083	35.231	27.119	4.45	403.4	9.629	35.171	27.149	4.43
343.5	10.572	35.297	27.085	4.47	375.5	10.079	35.229	27.118	4.45	404.4	9.608	35.163	27.146	4.43
344.3	10.575	35.294	27.082	4.47	376.5	10.091	35.228	27.115	4.45	405.0	9.577	35.168	27.156	4.44
345.4	10.549	35.293	27.085	4.47	377.5	10.064	35.227	27.119	4.45	405.6	9.579	35.161	27.150	4.43
346.5	10.526	35.290	27.087	4.47	378.4	10.055	35.224	27.118	4.45	405.6	9.615	35.162	27.145	4.43
347.5	10.520	35.288	27.087	4.47	379.5	10.025	35.224	27.123	4.45	406.5	9.568	35.162	27.152	4.43
347.9	10.518	35.288	27.087	4.47	379.6	10.052	35.221	27.116	4.45	407.4	9.562	35.159	27.151	4.43
347.9	10.518	35.289	27.088	4.47	380.5	10.013	35.223	27.125	4.45	408.5	9.558	35.157	27.150	4.43
348.4	10.509	35.286	27.087	4.47	381.5	10.011	35.220	27.122	4.45	408.8	9.563	35.156	27.148	4.43

STATION H9906\*06\*1

CRUISE 09G06 DATE 19 MAY GMT 23:01:XX LAT 27 19.2 LON 93 8.5 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
408.9	9.564	35.157	27.149	4.43	441.5	9.190	35.112	27.192	4.41	471.9	8.707	35.055	27.208	4.39
409.4	9.549	35.155	27.150	4.43	441.8	9.184	35.113	27.177	4.41	472.5	8.691	35.056	27.213	4.39
410.0	9.537	35.153	27.150	4.43	442.4	9.166	35.116	27.182	4.41	473.5	8.666	35.054	27.214	4.39
410.4	9.533	35.154	27.152	4.43	443.4	9.116	35.112	27.188	4.41	474.3	8.674	35.053	27.212	4.39
411.5	9.527	35.153	27.152	4.43	444.6	9.110	35.107	27.185	4.41	475.5	8.654	35.054	27.216	4.39
412.6	9.525	35.152	27.152	4.43	445.0	9.108	35.109	27.186	4.41	476.4	9.632	35.050	27.216	4.39
413.4	9.504	35.150	27.154	4.43	445.3	9.113	35.106	27.183	4.40	477.5	9.670	35.046	27.216	4.39
414.6	9.472	35.148	27.157	4.43	446.5	9.077	35.105	27.182	4.40	478.3	9.638	35.042	27.209	4.39
415.4	9.473	35.147	27.156	4.43	447.7	9.078	35.103	27.187	4.40	479.5	9.616	35.046	27.221	4.39
416.0	9.468	35.146	27.156	4.43	447.8	9.071	35.107	27.188	4.40	479.6	9.771	35.044	27.221	4.39
416.5	9.466	35.146	27.156	4.43	448.3	9.067	35.107	27.185	4.40	480.5	9.757	35.047	27.221	4.39
417.5	9.449	35.145	27.159	4.43	448.9	9.062	35.099	27.186	4.40	481.0	9.703	35.070	27.209	4.39
418.5	9.428	35.143	27.161	4.42	449.3	9.059	35.105	27.187	4.40	481.3	9.735	35.030	27.222	4.39
419.0	9.423	35.143	27.162	4.42	449.0	9.057	35.099	27.187	4.40	482.0	9.701	35.037	27.223	4.39
419.3	9.427	35.141	27.160	4.42	449.4	9.054	35.096	27.188	4.40	482.3	9.617	35.037	27.224	4.39
419.9	9.415	35.141	27.161	4.42	449.9	9.050	35.099	27.187	4.40	483.4	9.502	35.035	27.225	4.39
420.5	9.407	35.140	27.162	4.42	450.3	9.046	35.097	27.187	4.40	484.4	9.473	35.033	27.229	4.39
421.5	9.394	35.139	27.163	4.42	451.4	9.044	35.098	27.188	4.40	484.9	9.449	35.033	27.231	4.39
422.6	9.378	35.137	27.164	4.42	452.0	9.043	35.098	27.199	4.40	485.5	9.409	35.029	27.235	4.39
423.0	9.389	35.135	27.161	4.42	452.4	9.043	35.096	27.187	4.40	485.9	9.416	35.029	27.233	4.39
423.0	9.389	35.134	27.160	4.42	453.1	9.041	35.097	27.188	4.40	485.5	9.463	35.028	27.225	4.39
422.3	9.403	35.138	27.161	4.42	453.7	9.039	35.097	27.189	4.40	486.5	9.399	35.031	27.240	4.39
423.5	9.361	35.140	27.169	4.42	454.4	9.010	35.096	27.192	4.40	487.5	9.367	35.022	27.236	4.39
424.5	9.344	35.135	27.168	4.42	455.0	8.973	35.099	27.200	4.40	487.4	9.368	35.019	27.233	4.39
425.4	9.323	35.134	27.171	4.42	455.5	8.938	35.094	27.193	4.40	488.4	9.370	35.019	27.233	4.39
425.9	9.319	35.133	27.171	4.42	456.3	8.970	35.094	27.197	4.40	489.5	9.346	35.019	27.236	4.37
425.9	9.324	35.130	27.167	4.42	457.4	8.943	35.088	27.197	4.40	490.5	9.739	35.016	27.235	4.37
425.5	9.364	35.132	27.163	4.42	458.4	8.953	35.086	27.193	4.40	490.9	9.738	35.016	27.235	4.37
426.0	9.375	35.133	27.162	4.42	459.4	8.918	35.086	27.199	4.40	491.0	9.539	35.015	27.234	4.38
426.5	9.330	35.134	27.170	4.42	460.4	8.999	35.082	27.201	4.40	491.0	9.338	35.016	27.235	4.37
427.5	9.310	35.131	27.171	4.42	461.3	8.990	35.079	27.198	4.39	491.3	8.334	35.015	27.235	4.37
428.5	9.308	35.129	27.169	4.42	461.4	8.904	35.077	27.194	4.39	492.4	8.305	35.015	27.240	4.37
429.1	9.315	35.129	27.168	4.42	462.4	9.365	35.078	27.201	4.39	493.5	8.293	35.013	27.240	4.37
430.5	9.304	35.129	27.170	4.42	463.5	8.851	35.076	27.202	4.39	494.0	9.294	35.012	27.239	4.37
431.0	9.301	35.127	27.169	4.41	463.7	8.849	35.074	27.201	4.39	494.0	9.296	35.012	27.239	4.37
431.5	9.299	35.128	27.170	4.41	464.0	8.850	35.073	27.200	4.39	493.9	9.303	35.011	27.237	4.37
432.0	9.302	35.126	27.168	4.42	464.0	8.848	35.074	27.201	4.39	494.4	8.298	35.012	27.239	4.37
431.9	9.303	35.125	27.167	4.41	464.5	9.835	35.073	27.202	4.39	494.9	8.291	35.012	27.240	4.37
432.0	9.300	35.128	27.170	4.42	465.4	8.803	35.068	27.203	4.39	495.4	8.298	35.011	27.239	4.37
432.4	9.293	35.125	27.169	4.41	466.0	8.790	35.067	27.205	4.39	496.0	8.281	35.012	27.241	4.37
433.0	9.274	35.121	27.169	4.41	466.5	8.783	35.065	27.204	4.39	496.5	8.273	35.011	27.241	4.37
433.5	9.259	35.125	27.175	4.41	467.0	8.779	35.068	27.207	4.39	496.9	8.268	35.010	27.241	4.37
434.4	9.257	35.122	27.172	4.41	467.4	8.764	35.064	27.207	4.39	497.2	8.276	35.011	27.241	4.37
435.1	9.256	35.122	27.173	4.41	468.4	8.733	35.062	27.210	4.39	498.4	8.244	35.008	27.243	4.37
436.5	9.236	35.122	27.176	4.41	469.4	8.728	35.059	27.208	4.39	499.4	8.231	35.006	27.244	4.37
437.5	9.227	35.121	27.177	4.41	470.5	8.705	35.057	27.210	4.39	499.9	8.231	35.005	27.243	4.37
438.4	9.234	35.120	27.175	4.41	471.5	8.691	35.056	27.213	4.39	500.3	9.232	35.006	27.244	4.37
438.9	9.235	35.119	27.174	4.41	472.0	8.682	35.056	27.213	4.39	500.8	8.226	35.005	27.244	4.36
439.5	9.208	35.118	27.177	4.41	471.9	8.689	35.050	27.207	4.39	501.0	9.217	35.007	27.247	4.36
440.5	9.159	35.118	27.185	4.41	471.7	8.700	35.054	27.209	4.39	501.5	8.209	35.005	27.247	4.36

STATION H89G06\*06+1.

CRUISE 89G06

DATE 18 MAY GMT 23:01:XX

LAT 27 19.2

LON 93 8.5 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
502.6	8.189	35.003	27.248	4.36	530.4	7.749	34.961	27.281	4.33	559.0	7.464	34.940	27.306	4.31
503.2	8.194	35.002	27.246	4.36	531.0	7.748	34.960	27.280	4.34	559.4	7.463	34.939	27.305	4.31
504.4	8.133	35.002	27.256	4.36	531.5	7.746	34.961	27.281	4.33	560.0	7.456	34.941	27.308	4.31
505.5	8.128	34.996	27.252	4.36	532.2	7.749	34.961	27.281	4.33	560.6	7.456	34.938	27.306	4.31
506.2	8.140	34.996	27.250	4.36	533.4	7.742	34.962	27.283	4.33	561.4	7.455	34.938	27.306	4.31
507.4	8.115	34.994	27.252	4.36	534.5	7.741	34.960	27.281	4.37	562.0	7.453	34.939	27.307	4.31
508.0	8.110	34.995	27.254	4.36	535.0	7.744	34.960	27.281	4.33	562.5	7.451	34.939	27.307	4.30
508.5	8.091	34.993	27.255	4.36	535.4	7.743	34.961	27.282	4.33	563.0	7.446	34.938	27.307	4.30
509.4	8.089	34.991	27.254	4.36	536.5	7.736	34.961	27.283	4.33	563.4	7.441	34.938	27.308	4.30
510.5	8.041	34.989	27.260	4.35	537.5	7.721	34.959	27.284	4.33	564.5	7.433	34.937	27.308	4.30
511.4	7.999	34.988	27.265	4.35	538.0	7.729	34.960	27.283	4.33	565.4	7.430	34.937	27.308	4.30
512.5	8.011	34.937	27.259	4.35	538.0	7.743	34.962	27.283	4.33	566.5	7.414	34.937	27.311	4.30
513.4	7.945	34.923	27.269	4.35	538.5	7.733	34.960	27.283	4.33	567.0	7.411	34.936	27.310	4.30
514.5	7.919	34.977	27.268	4.35	539.5	7.702	34.962	27.289	4.32	567.6	7.411	34.935	27.310	4.30
515.1	7.918	34.976	27.268	4.35	540.4	7.689	34.958	27.287	4.33	567.8	7.416	34.936	27.310	4.30
515.7	7.916	34.976	27.268	4.35	541.1	7.698	34.958	27.286	4.32	568.5	7.411	34.936	27.310	4.30
516.0	7.915	34.974	27.267	4.35	542.4	7.651	34.958	27.293	4.32	569.3	7.405	34.934	27.310	4.30
516.0	7.918	34.976	27.268	4.35	543.5	7.632	34.955	27.293	4.32	570.0	7.399	34.934	27.311	4.30
516.8	7.935	34.978	27.267	4.35	544.0	7.651	34.952	27.298	4.32	570.3	7.404	34.935	27.311	4.30
516.5	7.914	34.978	27.270	4.35	544.4	7.631	34.953	27.292	4.32	570.9	7.400	34.934	27.311	4.30
517.5	7.902	34.975	27.269	4.35	545.0	7.583	34.954	27.300	4.32	571.4	7.392	34.935	27.313	4.29
518.4	7.899	34.973	27.268	4.35	545.5	7.581	34.953	27.299	4.32	572.0	7.383	34.934	27.313	4.29
518.9	7.902	34.973	27.268	4.35	546.5	7.578	34.948	27.296	4.32	572.5	7.380	34.935	27.314	4.29
519.0	7.902	34.974	27.269	4.35	547.0	7.579	34.949	27.296	4.32	571.8	7.364	34.932	27.314	4.29
519.3	7.900	34.973	27.268	4.35	547.0	7.584	34.946	27.293	4.32	573.4	7.353	34.932	27.316	4.29
520.0	7.896	34.972	27.268	4.34	547.0	7.582	34.948	27.295	4.32	574.4	7.343	34.931	27.317	4.29
520.0	7.895	34.975	27.271	4.35	547.3	7.582	34.948	27.295	4.32	574.9	7.341	34.929	27.315	4.29
520.5	7.894	34.973	27.269	4.34	548.4	7.566	34.947	27.297	4.32	575.0	7.341	34.933	27.318	4.29
521.0	7.892	34.975	27.271	4.34	549.0	7.558	34.948	27.299	4.32	574.9	7.345	34.930	27.315	4.29
521.3	7.893	34.972	27.268	4.34	549.0	7.558	34.948	27.299	4.32	575.3	7.337	34.930	27.316	4.29
521.6	7.893	34.973	27.269	4.34	549.6	7.560	34.947	27.299	4.32	576.5	7.308	34.930	27.321	4.29
522.3	7.882	34.973	27.271	4.34	550.4	7.554	34.945	27.297	4.32	577.4	7.304	34.929	27.320	4.29
523.0	7.878	34.973	27.271	4.34	551.0	7.544	34.946	27.299	4.32	578.0	7.303	34.926	27.319	4.29
523.5	7.867	34.970	27.271	4.34	551.6	7.535	34.945	27.300	4.32	578.3	7.302	34.928	27.320	4.29
524.0	7.846	34.972	27.275	4.34	552.5	7.515	34.944	27.302	4.32	579.3	7.295	34.928	27.321	4.29
524.0	7.871	34.971	27.271	4.34	552.9	7.511	34.942	27.301	4.31	579.8	7.294	34.927	27.320	4.29
524.5	7.858	34.970	27.272	4.34	553.0	7.509	34.943	27.302	4.32	580.4	7.287	34.928	27.322	4.29
525.4	7.838	34.971	27.276	4.34	553.4	7.505	34.942	27.302	4.31	580.9	7.284	34.924	27.319	4.28
526.4	7.821	34.969	27.277	4.34	554.4	7.496	34.941	27.302	4.31	581.4	7.267	34.925	27.323	4.28
526.9	7.810	34.969	27.278	4.34	555.4	7.490	34.941	27.303	4.31	581.9	7.256	34.927	27.326	4.28
527.0	7.809	34.969	27.278	4.34	555.9	7.487	34.940	27.303	4.31	582.5	7.250	34.926	27.325	4.28
526.8	7.841	34.968	27.273	4.34	556.0	7.486	34.941	27.304	4.31	582.9	7.237	34.922	27.324	4.28
527.0	7.850	34.968	27.271	4.34	556.3	7.489	34.940	27.303	4.31	583.4	7.223	34.923	27.327	4.28
527.4	7.819	34.969	27.277	4.34	557.4	7.467	34.941	27.306	4.31	584.0	7.205	34.925	27.331	4.28
528.0	7.788	34.971	27.283	4.34	558.5	7.461	34.940	27.306	4.31	583.9	7.204	34.924	27.331	4.28
528.5	7.784	34.966	27.280	4.34	559.0	7.463	34.941	27.307	4.31	584.5	7.197	34.921	27.329	4.28
529.0	7.776	34.965	27.280	4.34	559.0	7.465	34.939	27.305	4.31	585.4	7.186	34.921	27.331	4.28
529.0	7.777	34.964	27.279	4.33	559.0	7.462	34.941	27.307	4.31	586.0	7.179	34.920	27.331	4.28
529.5	7.776	34.963	27.279	4.34	559.0	7.465	34.939	27.305	4.31	586.3	7.176	34.920	27.332	4.28
529.9	7.758	34.965	27.283	4.33	559.0	7.463	34.939	27.305	4.31	587.0	7.169	34.922	27.334	4.28

STATION N89G06+06\*1

CRUISE 89G06 DATE 18 MAY GMT 23:01:XX LAT 27 19.2 LON 93 8.5 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
587.4	7.167	34.919	27.332	4.28	618.9	6.874	34.906	27.363	4.24	645.4	6.655	34.899	27.387	4.22
588.5	7.163	34.919	27.333	4.28	618.9	6.873	34.907	27.363	4.24	646.0	6.652	34.899	27.387	4.22
589.2	7.163	34.919	27.333	4.28	618.9	6.872	34.907	27.364	4.24	646.3	6.651	34.900	27.388	4.22
590.0	7.157	34.920	27.334	4.27	619.9	6.873	34.905	27.362	4.24	646.9	6.644	34.898	27.387	4.21
590.2	7.155	34.919	27.333	4.27	618.8	6.873	34.907	27.363	4.24	647.0	6.643	34.899	27.389	4.22
590.6	7.153	34.919	27.334	4.27	618.9	6.872	34.908	27.365	4.24	647.6	6.641	34.897	27.387	4.22
591.0	7.150	34.919	27.334	4.28	619.4	6.869	34.906	27.363	4.24	647.9	6.640	34.898	27.388	4.22
591.5	7.143	34.918	27.334	4.27	620.5	6.862	34.906	27.364	4.24	648.6	6.639	34.897	27.387	4.21
592.6	7.131	34.919	27.337	4.27	620.9	6.863	34.907	27.365	4.24	648.9	6.639	34.898	27.388	4.21
593.0	7.123	34.919	27.337	4.27	620.9	6.865	34.904	27.362	4.24	649.0	6.639	34.898	27.388	4.21
593.2	7.126	34.918	27.337	4.27	620.8	6.864	34.906	27.364	4.24	649.3	6.636	34.898	27.389	4.21
593.8	7.123	34.918	27.337	4.27	620.9	6.866	34.904	27.362	4.24	649.9	6.634	34.899	27.390	4.21
594.4	7.114	34.917	27.338	4.27	620.9	6.866	34.905	27.363	4.24	650.0	6.633	34.900	27.391	4.21
595.4	7.091	34.918	27.342	4.27	621.5	6.858	34.905	27.364	4.24	650.4	6.625	34.899	27.391	4.21
596.2	7.099	34.916	27.339	4.27	622.5	6.842	34.905	27.366	4.24	651.0	6.609	34.901	27.395	4.21
596.7	7.076	34.919	27.345	4.27	622.9	6.838	34.904	27.366	4.24	651.5	6.605	34.897	27.392	4.21
597.5	7.079	34.917	27.343	4.27	623.3	6.842	34.903	27.365	4.24	652.2	6.607	34.896	27.391	4.21
598.6	7.082	34.916	27.342	4.27	624.4	6.826	34.904	27.367	4.24	653.5	6.594	34.896	27.393	4.21
599.5	7.079	34.916	27.342	4.27	625.5	6.814	34.904	27.369	4.24	654.5	6.593	34.897	27.394	4.21
600.5	7.065	34.916	27.344	4.26	626.4	6.806	34.904	27.370	4.23	655.4	6.595	34.898	27.396	4.21
601.0	7.051	34.918	27.347	4.26	626.7	6.808	34.904	27.370	4.23	656.5	6.572	34.897	27.396	4.21
600.9	7.052	34.916	27.346	4.27	626.9	6.807	34.905	27.371	4.23	657.1	6.576	34.896	27.395	4.21
601.7	7.052	34.916	27.346	4.26	626.9	6.807	34.905	27.371	4.23	658.4	6.543	34.898	27.401	4.21
601.5	7.068	34.915	27.343	4.26	627.3	6.799	34.904	27.371	4.23	659.0	6.538	34.896	27.400	4.21
602.4	7.042	34.915	27.346	4.26	628.4	6.784	34.904	27.373	4.23	659.5	6.529	34.896	27.402	4.20
603.5	7.021	34.913	27.348	4.26	629.6	6.771	34.903	27.375	4.23	660.0	6.525	34.895	27.401	4.21
604.3	7.016	34.911	27.347	4.26	629.9	6.782	34.903	27.373	4.23	659.9	6.541	34.895	27.399	4.20
604.7	7.026	34.912	27.346	4.26	629.9	6.774	34.902	27.373	4.23	659.9	6.541	34.893	27.397	4.21
605.4	7.015	34.914	27.349	4.26	630.5	6.768	34.905	27.376	4.23	660.5	6.526	34.897	27.403	4.20
605.9	7.011	34.911	27.347	4.25	631.4	6.764	34.902	27.375	4.23	661.5	6.515	34.897	27.404	4.20
606.4	7.010	34.912	27.348	4.26	632.5	6.761	34.902	27.375	4.23	661.9	6.514	34.896	27.404	4.20
607.4	7.006	34.911	27.348	4.26	632.8	6.766	34.902	27.374	4.23	662.3	6.513	34.894	27.402	4.20
607.9	6.998	34.912	27.350	4.26	633.4	6.758	34.904	27.377	4.23	663.5	6.505	34.893	27.402	4.20
607.9	7.007	34.911	27.348	4.26	634.5	6.741	34.903	27.378	4.23	663.9	6.505	34.893	27.402	4.20
607.9	7.012	34.911	27.347	4.26	635.4	6.739	34.901	27.377	4.23	664.0	6.505	34.893	27.402	4.20
608.4	7.001	34.912	27.350	4.25	635.9	6.725	34.902	27.380	4.22	664.4	6.502	34.894	27.404	4.20
609.5	6.979	34.912	27.353	4.25	636.5	6.722	34.901	27.380	4.22	664.9	6.500	34.894	27.404	4.20
610.6	6.976	34.911	27.352	4.25	637.5	6.713	34.901	27.381	4.22	665.4	6.498	34.895	27.405	4.20
611.4	6.956	34.912	27.356	4.25	638.5	6.710	34.900	27.380	4.22	665.9	6.495	34.894	27.405	4.20
612.4	6.941	34.910	27.356	4.25	638.9	6.703	34.901	27.382	4.22	666.4	6.490	34.895	27.406	4.20
612.9	6.939	34.911	27.358	4.25	639.5	6.698	34.901	27.383	4.22	666.9	6.488	34.895	27.406	4.20
613.4	6.935	34.910	27.357	4.25	640.5	6.686	34.901	27.384	4.22	667.4	6.488	34.894	27.406	4.20
614.0	6.917	34.909	27.359	4.25	640.9	6.683	34.902	27.385	4.22	667.9	6.484	34.893	27.405	4.20
613.9	6.914	34.908	27.358	4.25	640.9	6.683	34.902	27.385	4.22	667.7	6.482	34.894	27.406	4.20
614.4	6.898	34.907	27.360	4.25	641.2	6.684	34.900	27.384	4.22	668.5	6.479	34.895	27.407	4.19
615.4	6.884	34.906	27.361	4.25	641.9	6.678	34.899	27.384	4.22	668.9	6.477	34.894	27.407	4.19
616.4	6.878	34.905	27.361	4.24	642.5	6.678	34.899	27.384	4.22	669.5	6.478	34.894	27.407	4.20
616.7	6.879	34.905	27.361	4.25	643.4	6.678	34.898	27.383	4.22	670.5	6.452	34.895	27.411	4.19
617.5	6.874	34.906	27.363	4.24	643.9	6.678	34.898	27.383	4.22	671.5	6.437	34.894	27.412	4.19
618.5	6.871	34.906	27.363	4.25	644.5	6.669	34.899	27.385	4.22	671.9	6.433	34.893	27.412	4.19

STATION N89206\*06\*1

CRUISE 89G06 DATE 18 MAY GHT 23:01:XX LAT 27 19.2 LON 93 8.5 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
672.5	6.434	34.894	27.413	4.19	697.9	6.265	34.892	27.433	4.17	728.9	6.169	34.892	27.446	4.15
673.4	6.426	34.894	27.414	4.19	698.0	6.265	34.891	27.432	4.17	728.9	6.169	34.893	27.447	4.15
674.4	6.407	34.895	27.417	4.19	697.9	6.264	34.892	27.433	4.17	729.1	6.168	34.892	27.446	4.15
674.9	6.390	34.894	27.418	4.19	697.8	6.266	34.891	27.432	4.17	729.6	6.164	34.892	27.446	4.15
675.6	6.388	34.895	27.419	4.19	698.4	6.263	34.892	27.434	4.17	729.9	6.161	34.892	27.447	4.15
675.9	6.386	34.895	27.420	4.19	699.5	6.259	34.893	27.435	4.17	729.9	6.159	34.890	27.445	4.15
676.0	6.391	34.897	27.422	4.19	700.5	6.259	34.892	27.434	4.17	730.4	6.156	34.892	27.448	4.15
676.4	6.370	34.893	27.420	4.19	700.9	6.259	34.892	27.434	4.17	730.9	6.155	34.890	27.446	4.15
677.4	6.359	34.892	27.421	4.19	701.4	6.258	34.894	27.436	4.17	731.5	6.154	34.890	27.446	4.15
678.4	6.359	34.892	27.421	4.19	701.9	6.256	34.891	27.434	4.17	731.9	6.154	34.890	27.446	4.15
678.9	6.358	34.892	27.421	4.19	701.9	6.256	34.895	27.437	4.17	732.2	6.155	34.892	27.448	4.15
678.9	6.359	34.891	27.420	4.19	702.4	6.256	34.892	27.435	4.17	733.5	6.154	34.891	27.447	4.15
679.0	6.359	34.891	27.420	4.19	703.0	6.253	34.892	27.435	4.17	734.6	6.153	34.891	27.447	4.15
679.0	6.360	34.892	27.421	4.19	703.5	6.251	34.892	27.435	4.17	735.5	6.151	34.892	27.448	4.15
679.9	6.360	34.894	27.422	4.19	704.5	6.250	34.892	27.435	4.17	736.6	6.148	34.893	27.449	4.15
679.9	6.360	34.893	27.422	4.19	704.9	6.249	34.892	27.435	4.16	736.8	6.150	34.892	27.448	4.15
679.3	6.356	34.893	27.422	4.19	705.4	6.247	34.893	27.437	4.17	736.9	6.152	34.890	27.447	4.15
680.4	6.347	34.893	27.423	4.19	706.5	6.244	34.892	27.436	4.17	737.4	6.146	34.893	27.449	4.14
681.5	6.343	34.892	27.423	4.19	707.6	6.243	34.893	27.437	4.17	737.9	6.144	34.893	27.450	4.14
681.8	6.344	34.892	27.423	4.18	708.5	6.240	34.893	27.437	4.16	738.4	6.144	34.892	27.449	4.15
682.4	6.343	34.892	27.423	4.18	708.9	6.238	34.894	27.438	4.16	739.0	6.144	34.893	27.450	4.14
682.9	6.340	34.892	27.423	4.18	708.9	6.237	34.894	27.439	4.16	739.5	6.140	34.892	27.450	4.14
683.5	6.338	34.893	27.424	4.18	709.4	6.237	34.893	27.438	4.16	740.2	6.140	34.891	27.449	4.14
683.9	6.337	34.891	27.423	4.18	710.4	6.229	34.891	27.437	4.16	741.4	6.134	34.893	27.451	4.14
684.3	6.338	34.892	27.424	4.18	711.6	6.224	34.891	27.438	4.16	741.9	6.132	34.893	27.451	4.15
685.3	6.330	34.893	27.426	4.18	712.3	6.220	34.891	27.438	4.16	742.5	6.130	34.893	27.452	4.14
686.0	6.322	34.893	27.427	4.18	712.9	6.217	34.892	27.439	4.16	742.9	6.129	34.893	27.452	4.14
686.5	6.325	34.892	27.425	4.18	713.5	6.214	34.892	27.440	4.16	742.9	6.129	34.894	27.453	4.14
687.4	6.319	34.893	27.427	4.18	714.4	6.212	34.892	27.440	4.16	743.2	6.132	34.893	27.451	4.14
688.5	6.309	34.893	27.428	4.18	715.4	6.208	34.892	27.441	4.16	744.4	6.123	34.892	27.452	4.14
689.5	6.305	34.892	27.428	4.18	716.2	6.206	34.893	27.442	4.16	744.9	6.117	34.892	27.452	4.14
689.9	6.304	34.893	27.429	4.18	716.6	6.206	34.891	27.440	4.16	745.5	6.113	34.893	27.454	4.14
690.0	6.306	34.893	27.429	4.18	716.9	6.206	34.890	27.439	4.16	746.4	6.113	34.893	27.454	4.14
689.9	6.308	34.893	27.428	4.18	717.4	6.204	34.891	27.440	4.16	746.9	6.108	34.893	27.454	4.14
689.9	6.309	34.892	27.427	4.18	718.0	6.203	34.892	27.441	4.16	747.2	6.106	34.894	27.456	4.14
690.4	6.302	34.893	27.429	4.18	718.0	6.203	34.892	27.441	4.16	747.8	6.105	34.893	27.455	4.14
691.5	6.283	34.893	27.432	4.18	718.5	6.203	34.892	27.441	4.16	747.9	6.102	34.890	27.453	4.14
692.5	6.275	34.893	27.433	4.18	719.4	6.198	34.892	27.442	4.16	748.5	6.096	34.893	27.456	4.14
692.9	6.275	34.892	27.432	4.17	720.5	6.196	34.892	27.442	4.16	749.4	6.095	34.893	27.456	4.14
692.9	6.274	34.893	27.433	4.18	721.3	6.196	34.892	27.442	4.16	749.9	6.091	34.892	27.456	4.14
693.0	6.274	34.893	27.433	4.18	722.5	6.197	34.892	27.444	4.16	750.5	6.086	34.891	27.456	4.14
693.6	6.271	34.892	27.433	4.18	723.5	6.182	34.892	27.444	4.15	751.5	6.072	34.892	27.458	4.14
693.9	6.270	34.892	27.433	4.18	724.2	6.183	34.892	27.444	4.15	751.9	6.073	34.894	27.460	4.14
694.3	6.269	34.893	27.433	4.18	725.4	6.176	34.892	27.445	4.15	752.3	6.070	34.892	27.459	4.14
694.9	6.267	34.891	27.432	4.18	726.6	6.174	34.892	27.445	4.15	752.9	6.065	34.893	27.460	4.14
695.5	6.267	34.891	27.432	4.18	727.5	6.171	34.892	27.446	4.15	753.4	6.063	34.892	27.459	4.14
695.9	6.266	34.891	27.432	4.17	728.1	6.169	34.892	27.446	4.15	753.9	6.060	34.893	27.461	4.14
696.4	6.266	34.891	27.432	4.17	728.8	6.167	34.891	27.445	4.15	754.6	6.056	34.892	27.460	4.14
696.9	6.265	34.892	27.433	4.17	728.9	6.168	34.894	27.448	4.15	754.9	6.054	34.891	27.460	4.13
697.5	6.264	34.893	27.434	4.17	728.9	6.169	34.892	27.446	4.15	755.0	6.054	34.891	27.460	4.14

STATION N89G06+06+1

CRUISE 89G06 DATE 18 MAY GMT 23:01:XX LAT 27 19.2 LON 93 8.8 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
755.3	6.048	34.892	27.461	4.14	790.4	5.937	34.893	27.476	4.12	824.2	5.683	34.900	27.514	4.10
755.9	6.041	34.892	27.462	4.13	791.5	5.931	34.892	27.476	4.11	824.8	5.681	34.900	27.514	4.10
756.4	6.037	34.892	27.463	4.13	792.4	5.928	34.894	27.479	4.11	824.9	5.681	34.900	27.514	4.10
757.6	6.030	34.894	27.466	4.13	793.4	5.924	34.893	27.478	4.11	824.9	5.680	34.901	27.515	4.10
757.9	6.030	34.894	27.466	4.13	793.9	5.923	34.894	27.479	4.11	824.9	5.680	34.900	27.514	4.10
757.9	6.030	34.894	27.466	4.14	793.9	5.924	34.894	27.479	4.12	824.9	5.680	34.901	27.515	4.10
757.9	6.030	34.894	27.466	4.13	794.2	5.924	34.894	27.479	4.11	825.0	5.680	34.901	27.515	4.10
758.4	6.028	34.892	27.464	4.13	795.4	5.922	34.894	27.479	4.11	825.3	5.679	34.900	27.514	4.10
759.4	6.025	34.893	27.465	4.13	796.4	5.922	34.894	27.479	4.11	826.0	5.676	34.900	27.515	4.10
760.4	6.022	34.892	27.465	4.13	797.4	5.922	34.894	27.479	4.11	826.4	5.678	34.899	27.514	4.10
761.5	6.023	34.893	27.465	4.13	798.4	5.913	34.894	27.480	4.11	827.0	5.675	34.900	27.515	4.10
762.4	6.021	34.892	27.465	4.13	799.4	5.894	34.895	27.484	4.11	827.5	5.666	34.899	27.515	4.10
763.5	6.021	34.892	27.465	4.13	800.5	5.892	34.894	27.483	4.11	828.0	5.660	34.899	27.516	4.10
764.4	6.022	34.893	27.465	4.13	801.4	5.861	34.898	27.490	4.11	827.9	5.660	34.898	27.515	4.10
765.4	6.021	34.894	27.467	4.13	802.5	5.860	34.896	27.489	4.11	828.0	5.660	34.898	27.515	4.09
766.5	6.021	34.894	27.467	4.13	803.2	5.867	34.894	27.486	4.11	828.0	5.660	34.899	27.516	4.10
767.5	6.022	34.893	27.465	4.13	804.4	5.856	34.896	27.489	4.11	827.9	5.660	34.901	27.519	4.09
768.0	6.021	34.893	27.466	4.13	804.9	5.856	34.896	27.489	4.11	827.9	5.663	34.904	27.520	4.10
768.5	6.020	34.894	27.467	4.13	805.6	5.854	34.895	27.489	4.11	828.0	5.665	34.899	27.514	4.10
769.5	6.019	34.893	27.466	4.13	805.6	5.864	34.895	27.488	4.11	827.9	5.677	34.897	27.512	4.09
770.5	6.017	34.892	27.465	4.13	806.4	5.848	34.894	27.490	4.11	827.9	5.670	34.899	27.515	4.10
771.1	6.013	34.893	27.466	4.12	807.2	5.845	34.895	27.490	4.11	828.5	5.667	34.899	27.517	4.09
772.5	6.014	34.892	27.466	4.12	808.7	5.832	34.896	27.492	4.11	827.3	5.667	34.891	27.516	4.09
773.5	6.011	34.892	27.466	4.12	809.5	5.819	34.896	27.494	4.11	830.0	5.657	34.897	27.515	4.10
774.2	6.009	34.894	27.468	4.12	310.4	5.793	34.896	27.495	4.11	830.0	5.650	34.898	27.516	4.09
774.8	6.009	34.894	27.468	4.12	811.3	5.799	34.896	27.496	4.10	831.4	5.646	34.900	27.519	4.09
774.8	6.012	34.892	27.466	4.12	811.3	5.795	34.896	27.497	4.10	831.9	5.639	34.898	27.518	4.10
775.4	6.011	34.892	27.466	4.12	812.4	5.793	34.895	27.496	4.10	832.0	5.636	34.898	27.518	4.09
775.9	6.006	34.893	27.468	4.12	813.2	5.791	34.896	27.498	4.10	832.2	5.639	34.899	27.519	4.09
776.4	6.000	34.893	27.469	4.12	813.0	5.796	34.895	27.496	4.10	833.4	5.623	34.901	27.522	4.09
777.4	6.000	34.893	27.469	4.12	813.7	5.792	34.896	27.497	4.10	834.2	5.627	34.899	27.520	4.09
778.0	5.997	34.894	27.471	4.12	814.5	5.790	34.897	27.498	4.10	835.5	5.622	34.901	27.522	4.09
778.5	5.937	34.894	27.471	4.12	814.4	5.793	34.896	27.497	4.10	835.0	5.625	34.898	27.520	4.09
779.4	5.934	34.893	27.470	4.12	815.5	5.788	34.896	27.498	4.10	835.7	5.625	34.900	27.521	4.09
780.0	5.930	34.892	27.470	4.12	815.7	5.789	34.895	27.497	4.10	835.8	5.621	34.900	27.521	4.09
780.4	5.929	34.894	27.472	4.12	816.4	5.785	34.896	27.495	4.10	837.2	5.621	34.900	27.521	4.09
781.5	5.926	34.892	27.470	4.12	817.0	5.783	34.898	27.500	4.10	837.4	5.617	34.899	27.522	4.09
782.5	5.921	34.893	27.472	4.12	817.0	5.787	34.896	27.499	4.10	838.4	5.610	34.900	27.522	4.09
782.9	5.927	34.895	27.474	4.12	817.0	5.785	34.896	27.498	4.10	839.5	5.610	34.900	27.523	4.09
783.0	5.923	34.893	27.472	4.12	818.5	5.775	34.897	27.500	4.10	839.9	5.612	34.899	27.522	4.09
783.4	5.920	34.893	27.472	4.12	319.1	5.765	34.896	27.501	4.10	839.8	5.614	34.900	27.522	4.09
784.5	5.925	34.894	27.475	4.12	820.4	5.743	34.897	27.504	4.10	840.0	5.612	34.901	27.524	4.09
785.5	5.947	34.894	27.476	4.12	821.4	5.714	34.899	27.509	4.10	840.4	5.611	34.901	27.524	4.09
786.5	5.946	34.894	27.476	4.12	821.9	5.708	34.899	27.509	4.10	840.9	5.611	34.901	27.524	4.09
787.5	5.940	34.894	27.477	4.12	821.9	5.722	34.896	27.506	4.10	841.0	5.610	34.901	27.524	4.09
788.5	5.937	34.891	27.475	4.12	822.4	5.705	34.899	27.510	4.10	841.1	5.609	34.900	27.523	4.09
789.5	5.936	34.891	27.475	4.12	823.0	5.697	34.901	27.513	4.10	841.9	5.602	34.902	27.526	4.09
790.0	5.937	34.892	27.476	4.12	823.0	5.697	34.900	27.512	4.10	842.2	5.602	34.900	27.524	4.09
790.0	5.937	34.891	27.475	4.12	823.2	5.698	34.898	27.510	4.10	842.3	5.605	34.901	27.525	4.09
790.0	5.937	34.891	27.475	4.12	824.0	5.687	34.898	27.512	4.10	842.9	5.600	34.899	27.523	4.09

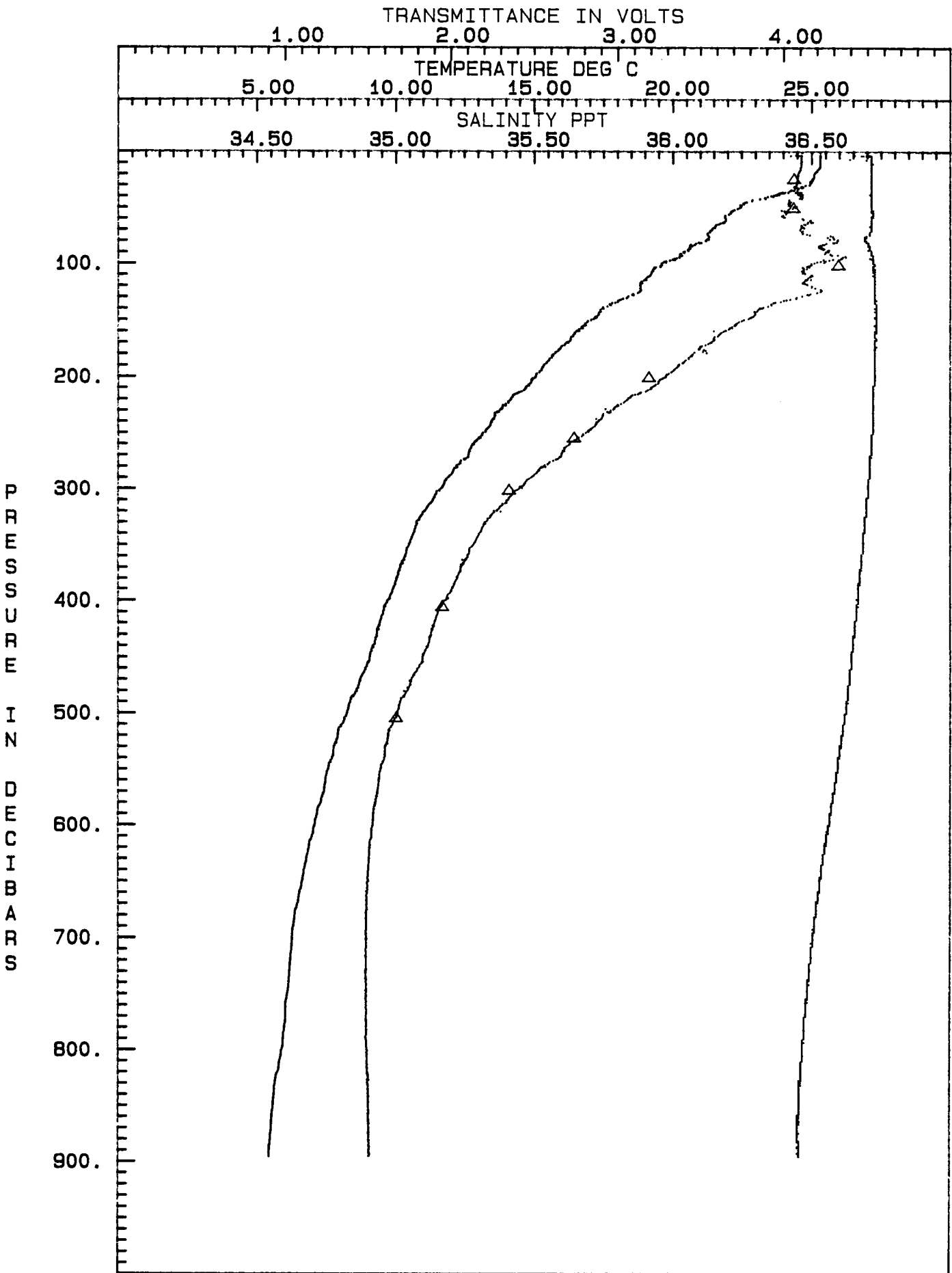


STATION 189606\*06+1

CRUISE 39606 DATE 13 MAY GMT 23:01:00X LAT 27 19.2 LON 93 8.5 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
843.5	5.597	34.902	27.526	4.09	865.0	5.522	34.902	27.535	4.08	880.5	5.480	34.902	27.541	4.08
843.7	5.602	34.900	27.524	4.09	864.9	5.522	34.902	27.535	4.08	881.3	5.479	34.901	27.540	4.08
843.9	5.599	34.900	27.524	4.09	864.9	5.522	34.902	27.535	4.08	881.9	5.476	34.904	27.543	4.09
844.5	5.597	34.901	27.525	4.09	864.9	5.523	34.902	27.535	4.09	881.9	5.474	34.905	27.543	4.08
845.3	5.597	34.901	27.525	4.09	865.0	5.523	34.901	27.535	4.09	882.4	5.474	34.903	27.542	4.08
845.9	5.593	34.901	27.526	4.09	864.9	5.523	34.901	27.535	4.09	882.8	5.475	34.902	27.541	4.08
846.4	5.590	34.901	27.526	4.09	865.0	5.523	34.902	27.535	4.08	883.5	5.471	34.904	27.543	4.09
846.9	5.588	34.901	27.527	4.09	865.0	5.523	34.903	27.536	4.08	884.5	5.467	34.904	27.544	4.09
847.0	5.588	34.901	27.527	4.09	865.7	5.520	34.904	27.537	4.08	885.0	5.466	34.904	27.544	4.09
847.2	5.589	34.900	27.526	4.09	866.5	5.519	34.902	27.536	4.08	885.5	5.452	34.904	27.546	4.09
849.0	5.586	34.902	27.528	4.09	867.0	5.519	34.904	27.537	4.08	885.9	5.444	34.903	27.546	4.09
848.0	5.586	34.900	27.526	4.09	866.9	5.519	34.904	27.537	4.08	885.8	5.460	34.903	27.544	4.09
848.3	5.585	34.901	27.527	4.09	866.9	5.520	34.902	27.536	4.08	886.1	5.452	34.904	27.546	4.09
849.0	5.584	34.900	27.526	4.09	867.0	5.519	34.902	27.536	4.08	886.8	5.443	34.905	27.547	4.09
848.9	5.584	34.900	27.526	4.09	866.9	5.520	34.903	27.537	4.09	887.0	5.440	34.905	27.548	4.08
849.3	5.584	34.900	27.526	4.09	866.9	5.520	34.903	27.537	4.09	886.9	5.441	34.904	27.547	4.09
849.7	5.584	34.900	27.526	4.09	866.9	5.520	34.903	27.537	4.09	886.9	5.441	34.904	27.547	4.09
850.0	5.583	34.900	27.526	4.09	866.9	5.521	34.903	27.536	4.08	887.0	5.444	34.903	27.546	4.09
850.4	5.583	34.900	27.526	4.09	867.0	5.520	34.903	27.537	4.09	887.6	5.441	34.904	27.547	4.09
851.5	5.576	34.901	27.528	4.09	867.5	5.519	34.902	27.536	4.08	887.9	5.438	34.906	27.549	4.08
851.9	5.577	34.900	27.527	4.09	868.4	5.518	34.902	27.536	4.08	888.5	5.437	34.904	27.547	4.09
852.5	5.573	34.901	27.528	4.09	869.4	5.516	34.902	27.536	4.08	889.2	5.437	34.904	27.547	4.09
853.4	5.570	34.902	27.530	4.09	869.9	5.515	34.902	27.536	4.08	889.9	5.437	34.906	27.549	4.09
854.5	5.554	34.903	27.532	4.09	870.5	5.515	34.902	27.536	4.08	889.9	5.437	34.904	27.547	4.09
855.0	5.551	34.902	27.532	4.09	870.9	5.513	34.904	27.538	4.08	889.9	5.436	34.903	27.547	4.09
854.9	5.560	34.902	27.531	4.09	871.3	5.514	34.903	27.537	4.08	889.9	5.437	34.902	27.546	4.09
854.9	5.565	34.900	27.529	4.09	872.0	5.507	34.902	27.537	4.08	890.0	5.437	34.904	27.547	4.09
855.4	5.555	34.902	27.531	4.09	872.4	5.505	34.902	27.538	4.08	890.4	5.436	34.903	27.547	4.09
855.9	5.549	34.903	27.533	4.09	873.0	5.501	34.903	27.539	4.08	890.9	5.436	34.903	27.547	4.09
856.5	5.552	34.902	27.532	4.09	873.3	5.502	34.902	27.538	4.08	890.9	5.436	34.902	27.546	4.09
857.0	5.550	34.903	27.533	4.09	874.4	5.497	34.903	27.539	4.08	890.9	5.436	34.904	27.548	4.09
857.5	5.544	34.902	27.533	4.09	874.9	5.496	34.903	27.539	4.09	891.6	5.435	34.904	27.548	4.09
857.9	5.543	34.901	27.532	4.09	874.9	5.495	34.904	27.540	4.09	891.9	5.435	34.904	27.548	4.09
858.0	5.544	34.899	27.530	4.09	875.0	5.495	34.904	27.540	4.09	892.6	5.435	34.903	27.547	4.09
857.8	5.546	34.901	27.532	4.09	874.7	5.500	34.901	27.537	4.08	892.9	5.434	34.903	27.547	4.08
858.4	5.542	34.903	27.534	4.09	875.0	5.498	34.901	27.538	4.08	893.0	5.435	34.903	27.547	4.09
858.9	5.539	34.900	27.532	4.08	874.9	5.498	34.901	27.538	4.08	893.0	5.435	34.903	27.547	4.09
859.2	5.541	34.901	27.532	4.09	874.9	5.498	34.901	27.538	4.08	892.8	5.435	34.903	27.547	4.09
859.9	5.537	34.901	27.533	4.08	875.4	5.492	34.903	27.540	4.08	892.6	5.436	34.905	27.548	4.09
860.5	5.540	34.901	27.532	4.09	875.9	5.486	34.901	27.539	4.08	892.9	5.435	34.906	27.549	4.09
860.9	5.538	34.900	27.532	4.08	876.0	5.485	34.901	27.539	4.08	893.0	5.435	34.904	27.548	4.09
860.9	5.537	34.901	27.533	4.08	876.6	5.486	34.902	27.540	4.08	892.9	5.435	34.905	27.549	4.09
861.5	5.533	34.902	27.534	4.09	876.2	5.490	34.903	27.540	4.08	892.9	5.435	34.903	27.547	4.09
862.3	5.533	34.901	27.533	4.08	877.0	5.486	34.903	27.541	4.08	893.5	5.435	34.903	27.547	4.09
863.4	5.526	34.903	27.536	4.08	877.2	5.486	34.903	27.541	4.08	893.6	5.435	34.906	27.549	4.09
863.8	5.524	34.903	27.536	4.09	876.3	5.489	34.903	27.541	4.08	894.5	5.434	34.905	27.549	4.09
863.9	5.524	34.901	27.535	4.09	876.9	5.486	34.904	27.542	4.08	894.7	5.435	34.905	27.549	4.09
864.5	5.522	34.902	27.535	4.08	877.3	5.486	34.903	27.541	4.08	893.9	5.436	34.906	27.549	4.09
864.9	5.522	34.902	27.535	4.09	877.9	5.486	34.904	27.542	4.08	893.9	5.436	34.906	27.549	4.09
865.0	5.522	34.902	27.535	4.09	878.6	5.485	34.903	27.541	4.08	893.9	5.435	34.906	27.549	4.09
					878.9	5.485	34.904	27.541	4.08	894.5	5.435	34.906	27.549	4.09
					879.4	5.483	34.902	27.540	4.08	894.9	5.435	34.905	27.549	4.09





CRUISE: 89G06 STATION: N89G06\*06\*1 DATE: 18 MAY  
 GMT: 23: 01: XX LATITUDE: 27 19.2 LONGITUDE: 93 8.5  
 TRIANGLES DENOTE DISCRETE SAMPLES

STATION N89G06\*07\*1

CRUISE 89G06 DATE 19 MAY GMT 17:11:00 LAT 27 24.2 LON 95 28.7 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	YSM	DEPTH	TEMP	SALT	SIGMA-T	YSM	DEPTH	TEMP	SALT	SIGMA-T	YSM
-10.0	0.000	36.033	-1.138	0.00	22.0	25.427	36.471	24.302	4.54	48.5	23.534	36.508	24.909	4.54
2.9	26.243	36.498	24.090	4.11	22.2	25.511	36.472	24.299	4.54	48.9	23.593	36.504	24.906	4.54
2.8	26.246	36.492	24.094	4.12	23.0	25.432	36.472	24.323	4.54	49.0	23.563	36.514	24.919	4.54
2.9	26.256	36.491	24.080	4.50	23.5	25.422	36.469	24.324	4.54	48.9	23.557	36.515	24.923	4.54
3.0	26.259	36.496	24.083	4.49	23.9	25.410	36.469	24.328	4.54	49.4	23.542	36.504	24.918	4.54
3.4	26.252	36.496	24.085	4.50	24.5	25.408	36.467	24.327	4.54	50.4	23.490	36.500	24.930	4.55
4.0	26.246	36.490	24.083	4.52	24.9	25.357	36.455	24.333	4.54	50.9	23.474	36.499	24.934	4.54
4.2	26.256	36.496	24.084	4.50	25.5	25.248	36.467	24.376	4.54	51.2	23.494	36.499	24.928	4.54
5.5	26.251	36.495	24.085	4.50	26.0	25.296	36.470	24.391	4.54	52.5	23.416	36.489	24.944	4.54
6.2	26.236	36.495	24.090	4.50	26.5	25.054	36.467	24.436	4.54	53.2	23.397	36.492	24.944	4.54
7.0	26.117	36.502	24.132	4.51	27.0	24.953	36.497	24.489	4.54	54.5	23.263	36.464	24.969	4.54
7.0	26.166	36.497	24.113	4.51	27.0	24.949	36.493	24.488	4.54	54.9	23.215	36.450	24.973	4.54
7.0	26.182	36.495	24.107	4.51	27.3	24.984	36.465	24.436	4.54	55.4	23.212	36.446	24.971	4.54
7.4	26.156	36.497	24.116	4.53	28.6	24.521	36.475	24.604	4.54	56.5	22.996	36.417	25.011	4.55
8.4	26.120	36.497	24.128	4.54	29.3	24.471	36.476	24.620	4.54	57.5	22.959	36.410	25.017	4.55
9.0	26.069	36.495	24.142	4.54	29.5	24.488	36.474	24.613	4.54	58.0	22.951	36.414	25.022	4.54
8.8	26.123	36.495	24.125	4.53	29.9	24.287	36.501	24.694	4.54	58.0	23.010	36.413	25.004	4.55
8.9	26.112	36.489	24.124	4.53	30.5	24.170	36.504	24.731	4.54	57.9	22.972	36.394	25.001	4.55
9.5	26.044	36.496	24.151	4.54	31.4	24.170	36.506	24.733	4.54	57.9	22.960	36.400	25.009	4.55
10.4	26.011	36.496	24.161	4.54	32.4	24.005	36.520	24.793	4.54	58.5	22.911	36.407	25.029	4.55
11.0	25.998	36.496	24.165	4.54	33.5	23.943	36.502	24.798	4.54	59.4	22.888	36.421	25.046	4.55
11.5	25.972	36.493	24.171	4.54	33.9	23.879	36.497	24.813	4.54	60.5	22.895	36.438	25.057	4.55
11.9	25.981	36.491	24.167	4.54	33.6	24.037	36.504	24.771	4.54	60.9	22.890	36.438	25.058	4.55
11.9	25.975	36.490	24.168	4.54	34.4	23.836	36.489	24.819	4.54	60.6	22.902	36.427	25.046	4.55
12.0	25.971	36.490	24.169	4.54	34.9	23.810	36.486	24.825	4.54	61.5	22.863	36.439	25.067	4.54
12.0	25.969	36.490	24.170	4.54	35.5	23.809	36.491	24.829	4.54	61.9	22.832	36.441	25.077	4.55
11.9	25.962	36.494	24.175	4.54	35.9	23.846	36.492	24.819	4.54	62.6	22.820	36.440	25.080	4.55
11.9	25.959	36.496	24.177	4.54	36.0	23.842	36.485	24.815	4.54	63.1	22.845	36.436	25.070	4.55
11.9	25.958	36.497	24.178	4.54	36.5	23.797	36.501	24.841	4.54	64.5	22.753	36.439	25.099	4.55
11.9	25.959	36.494	24.176	4.54	37.5	23.777	36.503	24.848	4.54	64.9	22.742	36.439	25.102	4.55
12.0	25.954	36.494	24.177	4.54	38.3	23.782	36.501	24.845	4.54	65.5	22.747	36.440	25.101	4.55
12.3	25.921	36.489	24.184	4.54	38.9	23.752	36.502	24.854	4.54	66.4	22.655	36.462	25.144	4.55
13.4	25.838	36.485	24.207	4.54	39.4	23.742	36.502	24.858	4.54	67.1	22.588	36.435	25.143	4.55
13.7	25.875	36.486	24.196	4.54	39.9	23.732	36.499	24.858	4.54	67.6	22.539	36.435	25.157	4.55
14.0	25.818	36.482	24.211	4.54	40.5	23.726	36.501	24.862	4.54	67.9	22.517	36.431	25.160	4.55
14.5	25.792	36.483	24.220	4.54	40.9	23.716	36.502	24.865	4.54	68.5	22.472	36.442	25.182	4.55
15.0	25.776	36.483	24.225	4.54	40.8	23.735	36.499	24.857	4.54	68.9	22.447	36.445	25.180	4.54
15.5	25.800	36.483	24.217	4.54	41.4	23.696	36.497	24.867	4.54	69.4	22.439	36.450	25.197	4.55
16.0	25.775	36.481	24.224	4.54	42.5	23.559	36.496	24.877	4.54	69.6	22.365	36.454	25.201	4.54
16.4	25.766	36.482	24.227	4.54	42.9	23.553	36.494	24.879	4.54	70.9	22.362	36.457	25.221	4.54
17.5	25.765	36.481	24.227	4.54	43.1	23.570	36.496	24.874	4.54	70.9	22.362	36.454	25.220	4.54
18.4	25.693	36.479	24.248	4.54	44.6	23.647	36.505	24.839	4.54					
19.5	25.602	36.474	24.272	4.54	45.0	23.550	36.503	24.835	4.54					
19.9	25.605	36.485	24.279	4.54	45.0	23.548	36.505	24.837	4.54					
19.7	25.667	36.471	24.250	4.54	45.0	23.548	36.506	24.835	4.54					
20.0	25.633	36.477	24.265	4.54	45.0	23.547	36.505	24.835	4.54					
20.5	25.554	36.470	24.281	4.54	45.0	23.553	36.505	24.836	4.54					
20.9	25.546	36.471	24.287	4.54	45.3	23.546	36.505	24.838	4.54					
21.5	25.530	36.470	24.291	4.54	46.6	23.527	36.506	24.895	4.54					
22.0	25.502	36.470	24.300	4.54	47.4	23.603	36.508	24.903	4.54					

STATION H89606\*07\*1A

CRUISE 39606 DATE 12 MAY GMT 17:11:00 LAT 27.24.2 LON 95.29.2 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
-10.0	0.000	36.023	-1.138	3.00	239.2	14.353	35.943	26.733	4.50	274.5	13.770	35.773	26.834	4.49
213.8	15.975	36.102	26.602	4.52	240.5	14.794	35.935	26.739	4.50	274.9	13.760	35.770	26.834	4.49
214.2	15.966	36.100	26.603	4.51	241.5	14.781	35.926	26.735	4.50	275.4	13.752	35.769	26.835	4.49
215.0	15.920	36.097	26.611	4.52	242.3	14.783	35.924	26.733	4.50	275.9	13.745	35.769	26.835	4.49
215.5	15.895	36.096	26.616	4.51	243.4	14.783	35.922	26.739	4.50	276.5	13.741	35.767	26.835	4.49
215.9	15.921	36.092	26.607	4.51	244.5	14.746	35.920	26.738	4.50	277.6	13.723	35.766	26.838	4.49
216.5	15.876	36.092	26.617	4.51	244.8	14.755	35.920	26.736	4.50	277.9	13.724	35.764	26.836	4.49
217.5	15.825	36.124	26.654	4.51	245.5	14.736	35.919	26.740	4.50	277.8	13.734	35.765	26.835	4.49
217.8	15.858	36.100	26.628	4.51	246.0	14.718	35.921	26.745	4.50	278.4	13.717	35.764	26.838	4.49
218.4	15.772	36.108	26.654	4.51	245.6	14.716	35.918	26.743	4.50	279.6	13.695	35.762	26.841	4.49
219.6	15.665	36.098	26.640	4.51	246.6	14.716	35.916	26.742	4.50	280.2	13.701	35.761	26.839	4.49
220.0	15.655	36.055	26.640	4.51	247.3	14.717	35.915	26.741	4.50	281.0	13.659	35.758	26.844	4.49
220.0	15.639	36.053	26.649	4.51	248.5	14.708	35.914	26.742	4.50	281.0	13.667	35.757	26.843	4.49
220.3	15.624	36.050	26.643	4.51	249.6	14.706	35.913	26.742	4.50	281.6	13.662	35.754	26.842	4.49
221.4	15.601	36.045	26.644	4.51	250.0	14.705	35.911	26.740	4.50	282.5	13.647	35.752	26.844	4.49
222.5	15.581	36.042	26.646	4.51	250.3	14.697	35.909	26.740	4.50	282.9	13.642	35.750	26.843	4.49
223.4	15.534	36.036	26.652	4.51	250.9	14.680	35.910	26.745	4.50	283.3	13.637	35.751	26.845	4.49
223.8	15.528	36.035	26.653	4.51	250.9	14.662	35.906	26.746	4.50	284.0	13.634	35.751	26.845	4.49
224.6	15.515	36.034	26.655	4.51	251.4	14.595	35.894	26.751	4.50	284.4	13.627	35.750	26.846	4.49
225.0	15.502	36.032	26.656	4.51	252.3	14.498	35.886	26.766	4.50	284.9	13.587	35.740	26.847	4.49
225.4	15.488	36.031	26.659	4.51	253.2	14.506	35.893	26.762	4.50	285.5	13.560	35.742	26.854	4.49
226.0	15.453	36.026	26.663	4.51	254.0	14.425	35.877	26.775	4.50	286.5	13.533	35.739	26.857	4.49
226.4	15.439	36.022	26.663	4.51	254.4	14.389	35.872	26.779	4.50	286.9	13.530	35.735	26.855	4.49
227.4	15.432	36.018	26.661	4.51	255.5	14.357	35.863	26.779	4.50	286.9	13.533	35.735	26.854	4.49
228.3	15.384	36.015	26.670	4.51	255.9	14.395	35.865	26.772	4.50	286.8	13.564	35.740	26.852	4.49
229.0	15.346	36.014	26.678	4.51	256.4	14.363	35.864	26.778	4.50	287.3	13.528	35.737	26.856	4.49
229.2	15.346	36.008	26.673	4.51	257.4	14.317	35.859	26.784	4.50	288.4	13.471	35.730	26.863	4.49
229.9	15.335	36.005	26.673	4.51	258.0	14.294	35.854	26.785	4.50	289.0	13.465	35.726	26.861	4.49
229.8	15.344	36.005	26.671	4.51	258.6	14.283	35.852	26.786	4.50	289.5	13.457	35.724	26.861	4.49
230.0	15.331	35.992	26.656	4.51	259.0	14.288	35.861	26.792	4.50	289.8	13.472	35.725	26.859	4.49
230.5	15.210	35.992	26.691	4.51	259.0	14.296	35.845	26.778	4.50	290.4	13.434	35.727	26.869	4.49
231.5	15.164	35.990	26.692	4.51	259.9	14.287	35.853	26.786	4.50	291.4	13.391	35.718	26.870	4.49
232.5	15.133	35.990	26.699	4.51	258.9	14.292	35.947	26.781	4.50	292.0	13.340	35.725	26.886	4.48
233.5	15.078	35.973	26.706	4.51	258.5	14.334	35.955	26.778	4.50	292.5	13.338	35.713	26.877	4.49
233.9	15.113	35.971	26.697	4.51	259.5	14.261	35.852	26.791	4.50	292.2	13.429	35.716	26.861	4.49
234.4	15.075	35.975	26.708	4.50	260.6	14.241	35.844	26.789	4.50	293.5	13.307	35.716	26.886	4.48
235.4	14.977	35.964	26.722	4.50	261.4	14.240	35.344	26.789	4.50	294.6	13.267	35.701	26.882	4.48
236.5	14.896	35.952	26.730	4.50	262.4	14.207	35.841	26.794	4.50	294.9	13.307	35.700	26.874	4.48
236.9	14.892	35.943	26.724	4.50	263.0	14.192	35.334	26.792	4.50	295.4	13.239	35.695	26.884	4.48
236.8	14.985	35.953	26.711	4.50	263.4	14.162	35.833	26.797	4.50	296.4	13.225	35.689	26.882	4.48
237.4	14.902	35.949	26.726	4.50	264.5	14.116	35.830	26.805	4.50	296.3	13.224	35.688	26.881	4.48
238.4	14.867	35.939	26.727	4.50	265.3	14.133	35.827	26.799	4.49	297.6	13.221	35.688	26.882	4.48
239.0	14.847	35.936	26.729	4.50	266.4	14.072	35.820	26.807	4.49	297.9	13.225	35.688	26.881	4.48
239.3	14.837	35.937	26.732	4.50	267.5	14.041	35.815	26.809	4.49	298.0	13.223	35.686	26.880	4.48
240.0	14.813	35.954	26.750	4.50	268.3	14.048	35.813	26.806	4.49	297.5	13.239	35.688	26.878	4.48
240.0	14.846	35.940	26.732	4.51	269.4	14.001	35.808	26.812	4.49	298.5	13.215	35.689	26.884	4.48
240.0	14.858	35.923	26.716	4.51	270.5	13.908	35.795	26.822	4.49	299.5	13.193	35.682	26.883	4.48
240.0	14.841	35.921	26.718	4.50	271.3	13.887	35.788	26.821	4.49	300.4	13.155	35.679	26.888	4.48
239.9	14.815	35.928	26.729	4.50	272.5	13.797	35.776	26.831	4.49	301.0	13.666	35.672	26.901	4.48
239.5	14.873	35.938	26.725	4.50	273.5	13.783	35.773	26.831	4.49	301.3	13.038	35.670	26.905	4.48

STATION N89G06\*07\*1A

CRUISE 89G06 DATE 19 MAY GMT 17:11:00 LAT 07 24.9 LON 95 28.9 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
302.4	13.024	35.658	26.899	4.48	330.4	12.075	35.516	26.976	4.47	356.5	11.438	35.423	27.025	4.46
303.0	12.998	35.657	26.903	4.48	330.9	12.064	35.515	26.978	4.47	357.5	11.425	35.420	27.025	4.46
303.2	13.027	35.659	26.899	4.48	331.0	12.064	35.513	26.976	4.47	358.0	11.425	35.420	27.025	4.46
304.1	12.927	35.652	26.914	4.48	331.5	12.055	35.513	26.978	4.47	358.1	11.425	35.420	27.025	4.46
304.8	12.893	35.644	26.914	4.48	332.0	12.035	35.513	26.982	4.47	358.3	11.429	35.421	27.025	4.46
305.5	12.834	35.637	26.921	4.48	332.4	12.009	35.507	26.982	4.47	359.4	11.398	35.418	27.028	4.46
305.9	12.827	35.634	26.920	4.48	333.5	11.965	35.501	26.986	4.47	360.0	11.377	35.418	27.032	4.46
305.9	12.863	35.634	26.913	4.48	334.4	11.958	35.499	26.986	4.47	360.5	11.363	35.414	27.032	4.46
306.0	12.911	35.645	26.911	4.48	334.9	11.975	35.498	26.981	4.47	360.5	11.399	35.415	27.026	4.46
306.0	12.899	35.655	26.922	4.48	335.5	11.906	35.497	26.994	4.47	361.0	11.360	35.418	27.035	4.45
306.0	12.906	35.642	26.910	4.48	336.5	11.903	35.491	26.990	4.47	361.5	11.355	35.415	27.034	4.46
306.4	12.842	35.630	26.914	4.48	337.4	11.890	35.490	26.992	4.47	362.3	11.352	35.409	27.030	4.46
307.3	12.751	35.621	26.925	4.48	337.9	11.880	35.487	26.991	4.46	362.9	11.334	35.409	27.033	4.46
308.4	12.732	35.617	26.926	4.48	338.3	11.883	35.486	26.990	4.47	362.9	11.351	35.410	27.031	4.46
308.9	12.718	35.612	26.925	4.48	339.4	11.853	35.484	26.994	4.47	362.7	11.367	35.413	27.030	4.46
309.2	12.736	35.615	26.923	4.48	340.0	11.832	35.485	26.999	4.47	363.4	11.325	35.409	27.035	4.46
310.0	12.692	35.615	26.932	4.48	340.5	11.822	35.482	26.998	4.47	364.4	11.310	35.406	27.036	4.46
310.5	12.694	35.610	26.930	4.48	341.2	11.827	35.481	26.997	4.47	365.1	11.321	35.405	27.032	4.46
311.5	12.659	35.605	26.931	4.48	342.4	11.799	35.477	27.001	4.47	366.0	11.311	35.406	27.035	4.45
312.3	12.667	35.604	26.929	4.48	343.0	11.782	35.472	26.998	4.47	366.6	11.310	35.403	27.033	4.46
313.4	12.625	35.602	26.935	4.48	343.6	11.765	35.475	27.004	4.47	367.4	11.309	35.403	27.033	4.46
314.5	12.613	35.597	26.934	4.48	344.0	11.783	35.468	26.995	4.47	368.4	11.291	35.404	27.037	4.46
315.0	12.622	35.596	26.931	4.48	343.9	11.781	35.469	26.996	4.47	368.9	11.260	35.407	27.046	4.46
315.0	12.621	35.597	26.932	4.48	344.0	11.769	35.469	26.999	4.47	369.0	11.262	35.402	27.041	4.46
315.4	12.607	35.596	26.934	4.48	343.9	11.795	35.464	26.991	4.46	369.4	11.230	35.396	27.042	4.46
316.4	12.580	35.593	26.937	4.48	344.4	11.760	35.467	26.999	4.47	369.9	11.197	35.386	27.041	4.45
316.9	12.565	35.587	26.936	4.47	345.4	11.735	35.468	27.004	4.47	370.5	11.187	35.387	27.043	4.45
317.0	12.563	35.587	26.936	4.48	346.0	11.731	35.469	27.006	4.46	370.9	11.185	35.384	27.042	4.46
317.5	12.548	35.587	26.939	4.48	346.6	11.729	35.466	27.003	4.47	371.0	11.182	35.388	27.045	4.45
318.0	12.529	35.580	26.937	4.48	347.0	11.736	35.464	27.001	4.47	371.3	11.196	35.387	27.042	4.45
318.5	12.490	35.582	26.946	4.48	346.9	11.735	35.464	27.001	4.47	372.4	11.142	35.380	27.046	4.45
319.2	12.505	35.578	26.940	4.48	346.9	11.730	35.466	27.003	4.46	373.0	11.119	35.377	27.048	4.45
320.0	12.434	35.580	26.956	4.47	346.9	11.731	35.466	27.003	4.47	373.0	11.112	35.377	27.049	4.45
320.4	12.413	35.578	26.959	4.48	346.9	11.732	35.468	27.004	4.46	373.5	11.102	35.375	27.050	4.45
321.0	12.410	35.568	26.951	4.48	346.8	11.736	35.467	27.003	4.46	373.9	11.089	35.376	27.053	4.46
321.6	12.390	35.566	26.954	4.47	346.8	11.744	35.467	27.001	4.47	374.0	11.086	35.377	27.054	4.45
321.6	12.437	35.566	26.944	4.47	346.9	11.738	35.466	27.002	4.46	374.3	11.087	35.371	27.049	4.45
322.5	12.364	35.566	26.959	4.47	347.6	11.720	35.465	27.004	4.46	375.5	11.049	35.368	27.053	4.45
323.5	12.318	35.556	26.960	4.47	348.4	11.685	35.461	27.008	4.46	376.5	11.036	35.365	27.054	4.45
324.3	12.310	35.550	26.957	4.47	348.9	11.665	35.457	27.009	4.47	376.9	11.055	35.366	27.051	4.45
325.4	12.216	35.544	26.970	4.47	349.1	11.647	35.459	27.014	4.46	377.3	11.032	35.367	27.056	4.45
326.0	12.207	35.538	26.968	4.47	349.5	11.678	35.457	27.006	4.46	378.5	11.020	35.363	27.055	4.45
326.5	12.181	35.535	26.970	4.47	350.4	11.623	35.454	27.015	4.46	379.5	10.995	35.361	27.058	4.45
327.0	12.176	35.533	26.970	4.47	351.5	11.588	35.447	27.016	4.46	380.0	10.992	35.359	27.057	4.45
327.0	12.201	35.526	26.959	4.47	352.3	11.591	35.443	27.012	4.46	379.6	11.026	35.361	27.052	4.45
327.0	12.216	35.522	26.954	4.47	353.0	11.536	35.440	27.020	4.46	380.4	10.996	35.360	27.057	4.45
327.3	12.172	35.530	26.968	4.47	353.5	11.505	35.436	27.022	4.46	381.2	10.977	35.358	27.059	4.45
328.1	12.123	35.525	26.974	4.47	354.5	11.483	35.430	27.022	4.46	381.8	10.981	35.356	27.057	4.45
328.6	12.108	35.523	26.975	4.47	355.0	11.472	35.427	27.022	4.46	381.9	10.978	35.354	27.056	4.45
329.5	12.092	35.519	26.975	4.47	355.3	11.486	35.429	27.021	4.46	382.4	10.968	35.354	27.058	4.45

STATION N89G06+07\*1A CRUISE 39G06 DATE 19 MAY GMT 17:11:00 LAT 27.24.9 LON 95.28.2 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
383.0	10.951	35.355	27.062	4.45	417.0	10.729	35.263	27.101	4.43	444.9	9.811	35.202	27.143	4.41
383.5	10.955	35.353	27.059	4.45	416.9	10.328	35.267	27.104	4.43	444.9	9.813	35.201	27.141	4.41
384.4	10.941	35.353	27.062	4.45	416.9	10.330	35.267	27.104	4.43	444.9	9.812	35.200	27.141	4.41
384.9	10.939	35.350	27.060	4.45	416.9	10.343	35.268	27.102	4.43	445.4	9.795	35.194	27.139	4.41
385.6	10.920	35.349	27.063	4.45	416.2	10.741	35.268	27.103	4.43	446.4	9.748	35.192	27.146	4.41
386.5	10.920	35.349	27.062	4.45	417.0	10.336	35.265	27.101	4.43	447.6	9.723	35.187	27.146	4.41
387.4	10.922	35.347	27.070	4.45	417.4	10.308	35.263	27.104	4.43	448.3	9.733	35.187	27.144	4.41
388.6	10.954	35.341	27.068	4.45	418.5	10.270	35.259	27.109	4.43	449.5	9.692	35.183	27.149	4.41
389.4	10.965	35.340	27.066	4.45	419.6	10.263	35.256	27.107	4.43	450.6	9.644	35.180	27.154	4.41
390.3	10.816	35.337	27.072	4.44	419.8	10.271	35.257	27.106	4.43	451.5	9.630	35.177	27.154	4.41
390.8	10.792	35.336	27.075	4.45	420.4	10.254	35.254	27.107	4.43	451.9	9.655	35.176	27.149	4.41
391.4	10.725	35.332	27.075	4.44	421.5	10.223	35.252	27.111	4.43	452.5	9.623	35.177	27.155	4.41
392.2	10.799	35.330	27.071	4.44	422.4	10.227	35.250	27.108	4.42	453.5	9.605	35.171	27.153	4.41
393.0	10.750	35.334	27.082	4.44	423.4	10.189	35.250	27.115	4.42	454.5	9.563	35.170	27.159	4.41
393.5	10.751	35.327	27.076	4.44	424.0	10.176	35.246	27.114	4.42	455.5	9.544	35.165	27.159	4.41
394.6	10.745	35.325	27.075	4.44	424.5	10.170	35.246	27.115	4.42	455.5	9.594	35.167	27.152	4.41
394.8	10.752	35.324	27.073	4.44	425.0	10.162	35.245	27.116	4.42	456.4	9.548	35.170	27.160	4.41
395.4	10.745	35.324	27.074	4.44	425.2	10.179	35.245	27.117	4.42	456.9	9.519	35.169	27.166	4.41
396.0	10.737	35.325	27.077	4.44	426.0	10.142	35.245	27.119	4.42	457.5	9.514	35.162	27.161	4.41
396.6	10.727	35.323	27.077	4.44	426.5	10.136	35.241	27.117	4.42	458.5	9.498	35.157	27.160	4.41
397.4	10.720	35.321	27.077	4.44	427.5	10.107	35.238	27.120	4.42	458.9	9.497	35.166	27.162	4.41
398.4	10.714	35.320	27.077	4.44	428.0	10.103	35.237	27.120	4.42	459.1	9.505	35.157	27.159	4.41
399.5	10.699	35.318	27.078	4.44	428.3	10.118	35.236	27.116	4.42	460.0	9.433	35.151	27.165	4.41
400.5	10.693	35.318	27.079	4.44	428.9	10.062	35.239	27.128	4.42	460.5	9.424	35.152	27.168	4.40
401.5	10.689	35.316	27.078	4.44	429.5	10.056	35.232	27.124	4.42	461.5	9.418	35.148	27.166	4.41
402.0	10.689	35.315	27.078	4.44	430.5	10.040	35.228	27.124	4.42	462.3	9.421	35.147	27.165	4.40
401.9	10.636	35.316	27.079	4.44	430.9	10.022	35.229	27.128	4.42	463.5	9.410	35.147	27.167	4.40
401.9	10.686	35.316	27.079	4.44	431.1	10.027	35.226	27.124	4.42	464.5	9.411	35.145	27.165	4.40
402.0	10.688	35.315	27.078	4.44	431.2	10.047	35.226	27.121	4.42	465.2	9.399	35.145	27.167	4.40
402.4	10.680	35.314	27.079	4.44	431.9	9.996	35.222	27.126	4.42	465.9	9.375	35.144	27.170	4.40
403.5	10.632	35.312	27.085	4.44	432.5	9.976	35.223	27.131	4.42	466.4	9.356	35.141	27.171	4.40
404.6	10.582	35.305	27.089	4.44	433.4	9.971	35.218	27.127	4.42	467.4	9.348	35.139	27.171	4.40
404.9	10.614	35.305	27.083	4.44	433.9	9.965	35.217	27.128	4.42	468.3	9.355	35.139	27.169	4.40
405.4	10.576	35.305	27.090	4.44	434.0	9.969	35.220	27.130	4.42	469.1	9.341	35.141	27.173	4.40
406.4	10.511	35.299	27.096	4.44	434.4	9.968	35.217	27.127	4.42	469.9	9.335	35.137	27.171	4.40
407.0	10.500	35.290	27.092	4.44	435.4	9.943	35.214	27.129	4.42	470.5	9.318	35.136	27.173	4.40
407.7	10.504	35.290	27.091	4.44	436.5	9.939	35.213	27.129	4.42	471.6	9.275	35.134	27.179	4.40
408.4	10.475	35.289	27.095	4.44	437.6	9.938	35.213	27.129	4.42	471.9	9.307	35.131	27.171	4.40
409.0	10.425	35.284	27.100	4.43	437.9	9.940	35.211	27.128	4.42	472.5	9.266	35.136	27.182	4.40
409.5	10.422	35.280	27.098	4.43	437.8	9.940	35.212	27.128	4.42	473.5	9.197	35.129	27.188	4.40
410.6	10.416	35.277	27.096	4.43	438.5	9.929	35.212	27.131	4.42	474.5	9.143	35.118	27.188	4.40
411.4	10.406	35.278	27.099	4.43	439.5	9.907	35.210	27.132	4.42	475.0	9.120	35.117	27.191	4.40
412.5	10.382	35.274	27.100	4.43	440.5	9.876	35.207	27.135	4.42	475.5	9.151	35.112	27.182	4.40
413.5	10.361	35.270	27.101	4.43	441.4	9.876	35.205	27.134	4.41	476.4	9.103	35.107	27.186	4.40
414.0	10.369	35.270	27.099	4.43	442.4	9.852	35.202	27.135	4.41	477.5	9.090	35.108	27.189	4.40
414.4	10.363	35.270	27.100	4.43	443.5	9.835	35.200	27.137	4.41	478.5	9.085	35.107	27.189	4.40
415.0	10.336	35.271	27.106	4.43	444.0	9.828	35.197	27.136	4.41	479.5	9.094	35.106	27.188	4.40
415.5	10.336	35.270	27.105	4.43	444.6	9.813	35.197	27.138	4.41	480.4	9.065	35.106	27.191	4.40
416.6	10.329	35.266	27.103	4.43	444.9	9.815	35.197	27.138	4.41	481.0	9.038	35.102	27.192	4.39
417.0	10.337	35.262	27.099	4.43	444.9	9.813	35.201	27.141	4.41	481.5	9.001	35.100	27.197	4.40

STATION H89G06\*07\*1A CRUISE 39606 DATE 19 MAY GMT 17:11:00 LAT 27 34.9 LON 95 28.2 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
482.5	8.953	35.097	27.202	4.40	512.4	8.377	35.039	27.233	4.37	540.8	7.939	34.997	27.259	4.35
483.0	8.944	35.097	27.204	4.40	513.6	8.405	35.036	27.239	4.39	543.4	8.040	34.997	27.266	4.35
483.4	8.937	35.090	27.196	4.40	514.6	8.416	35.031	27.235	4.39	544.4	7.994	34.993	27.270	4.36
484.0	8.926	35.089	27.200	4.40	515.0	8.407	35.032	27.237	4.37	545.4	7.989	34.990	27.272	4.36
484.5	8.912	35.089	27.203	4.39	515.4	8.399	35.030	27.239	4.38	546.0	7.950	34.988	27.272	4.36
485.5	8.937	35.096	27.203	4.39	516.0	8.375	35.031	27.241	4.37	546.4	7.959	34.989	27.270	4.36
486.5	8.924	35.093	27.204	4.39	516.4	8.370	35.029	27.240	4.38	547.4	7.925	34.990	27.278	4.36
487.5	8.869	35.081	27.203	4.39	517.5	8.359	35.027	27.241	4.38	548.5	7.919	34.985	27.274	4.36
487.9	8.849	35.079	27.205	4.39	518.3	8.360	35.026	27.240	4.38	549.0	7.916	34.985	27.275	4.36
488.4	8.830	35.079	27.208	4.39	519.4	8.336	35.024	27.242	4.38	549.5	7.914	34.984	27.274	4.36
488.9	8.813	35.075	27.207	4.39	520.5	8.315	35.023	27.244	4.38	550.0	7.913	34.985	27.275	4.36
489.0	8.816	35.075	27.207	4.39	521.5	8.303	35.022	27.245	4.38	549.9	7.923	34.985	27.274	4.36
489.3	8.811	35.075	27.208	4.39	521.9	8.310	35.021	27.244	4.38	550.4	7.912	34.984	27.275	4.36
490.5	8.765	35.073	27.213	4.38	522.0	8.310	35.017	27.241	4.38	551.4	7.892	34.984	27.278	4.36
491.6	8.755	35.070	27.213	4.38	521.9	8.309	35.019	27.242	4.38	552.5	7.884	34.981	27.277	4.36
491.9	8.745	35.068	27.213	4.38	521.9	8.306	35.021	27.244	4.38	553.5	7.875	34.979	27.276	4.36
492.4	8.735	35.066	27.212	4.38	521.9	8.306	35.022	27.245	4.38	553.5	7.887	34.980	27.275	4.35
492.9	8.723	35.066	27.215	4.38	522.2	8.302	35.021	27.245	4.38	554.4	7.859	34.980	27.280	4.35
493.5	8.717	35.066	27.215	4.38	522.9	8.278	35.022	27.249	4.37	555.5	7.839	34.978	27.281	4.35
494.4	8.706	35.065	27.217	4.38	523.4	8.266	35.019	27.249	4.37	556.5	7.831	34.976	27.281	4.35
495.3	8.686	35.061	27.217	4.38	524.4	8.252	35.018	27.250	4.37	557.0	7.838	34.975	27.279	4.36
496.3	8.659	35.058	27.218	4.38	525.5	8.248	35.017	27.250	4.37	556.8	7.841	34.976	27.279	4.35
497.5	8.633	35.057	27.222	4.38	525.9	8.255	35.017	27.249	4.37	556.9	7.848	34.977	27.279	4.35
497.9	8.640	35.055	27.219	4.38	526.4	8.243	35.015	27.249	4.37	557.0	7.850	34.972	27.274	4.35
497.9	8.633	35.059	27.223	4.38	527.4	8.219	35.014	27.252	4.36	557.3	7.836	34.975	27.279	4.35
497.9	8.632	35.060	27.224	4.38	528.4	8.211	35.013	27.252	4.36	558.4	7.824	34.976	27.282	4.35
498.0	8.635	35.057	27.221	4.38	529.3	8.208	35.011	27.251	4.36	559.4	7.819	34.974	27.281	4.35
497.9	8.633	35.055	27.220	4.38	529.4	8.224	35.012	27.250	4.36	560.3	7.818	34.975	27.282	4.35
498.4	8.623	35.054	27.221	4.38	530.4	8.196	35.012	27.254	4.36	561.4	7.796	34.975	27.285	4.35
499.4	8.601	35.053	27.223	4.38	531.5	8.195	35.010	27.253	4.36	562.4	7.771	34.973	27.287	4.35
499.9	8.589	35.052	27.225	4.39	532.6	8.196	35.010	27.253	4.36	563.3	7.776	34.971	27.285	4.35
500.6	8.584	35.050	27.224	4.38	533.5	8.191	35.010	27.253	4.36	563.9	7.752	34.972	27.289	4.35
500.9	8.578	35.052	27.226	4.38	534.5	8.167	35.011	27.258	4.36	564.4	7.753	34.971	27.289	4.35
501.0	8.586	35.049	27.223	4.38	535.5	8.155	35.009	27.258	4.36	565.4	7.749	34.969	27.287	4.35
501.0	8.585	35.049	27.223	4.39	535.9	8.165	35.006	27.254	4.36	566.3	7.742	34.969	27.288	4.35
501.8	8.562	35.051	27.228	4.38	536.0	8.164	35.008	27.256	4.36	566.5	7.751	34.969	27.287	4.35
502.4	8.559	35.049	27.227	4.38	536.0	8.161	35.006	27.255	4.36	567.4	7.713	34.968	27.292	4.35
503.4	8.557	35.047	27.226	4.38	536.0	8.160	35.007	27.256	4.36	568.4	7.683	34.966	27.295	4.35
504.0	8.556	35.046	27.225	4.38	536.0	8.157	35.007	27.256	4.36	569.4	7.666	34.963	27.295	4.35
504.2	8.559	35.047	27.226	4.38	536.3	8.149	35.005	27.256	4.36	570.0	7.664	34.962	27.294	4.35
504.5	8.558	35.047	27.226	4.38	537.4	8.118	35.003	27.259	4.35	569.6	7.689	34.962	27.291	4.35
505.4	8.539	35.047	27.229	4.38	538.4	8.110	35.003	27.260	4.35	570.5	7.649	34.964	27.298	4.35
506.5	8.529	35.045	27.228	4.37	539.0	8.107	35.003	27.260	4.35	571.4	7.624	34.961	27.299	4.35
507.5	8.522	35.044	27.229	4.37	539.5	8.107	35.001	27.259	4.35	572.4	7.609	34.957	27.298	4.35
508.0	8.522	35.044	27.229	4.38	540.5	8.095	35.001	27.261	4.35	572.9	7.605	34.956	27.298	4.35
508.5	8.521	35.045	27.230	4.37	541.5	8.072	35.001	27.264	4.35	572.9	7.630	34.957	27.295	4.35
509.4	8.518	35.044	27.229	4.37	542.5	8.039	35.000	27.268	4.35	573.0	7.640	34.953	27.291	4.34
509.9	8.506	35.045	27.232	4.37	542.9	8.058	34.990	27.259	4.35	573.5	7.617	34.960	27.300	4.35
510.4	8.502	35.043	27.231	4.37	542.9	8.047	34.991	27.260	4.35	574.4	7.585	34.957	27.302	4.34
511.5	8.498	35.042	27.231	4.37	542.8	8.054	34.999	27.265	4.35	575.5	7.566	34.955	27.303	4.35



STATION N89606\*07\*1A

CRUISE 89606

DATE 19 MAY GMT 17:11:00

LAT 27 24.9

LON 95 28.9

DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
575.9	7.567	34.954	27.302	4.34	607.5	7.124	34.925	27.343	4.33	643.1	6.827	34.909	27.371	4.29
576.0	7.572	34.953	27.301	4.35	607.9	7.141	34.926	27.341	4.33	643.6	6.825	34.910	27.373	4.29
575.9	7.570	34.952	27.300	4.34	608.4	7.123	34.928	27.345	4.32	644.4	6.815	34.910	27.374	4.29
575.8	7.583	34.954	27.300	4.34	609.4	7.114	34.924	27.343	4.32	645.5	6.815	34.910	27.374	4.29
575.9	7.591	34.955	27.300	4.34	610.4	7.107	34.924	27.344	4.32	645.4	6.808	34.911	27.376	4.29
576.4	7.564	34.955	27.303	4.34	611.3	7.115	34.924	27.343	4.32	646.6	6.808	34.910	27.375	4.29
577.4	7.526	34.953	27.307	4.34	612.4	7.094	34.925	27.347	4.32	647.5	6.807	34.908	27.373	4.29
578.6	7.523	34.950	27.305	4.34	613.4	7.089	34.924	27.347	4.32	647.8	6.807	34.911	27.376	4.29
578.9	7.531	34.951	27.305	4.34	614.5	7.076	34.923	27.348	4.32	647.6	6.807	34.909	27.374	4.29
579.4	7.523	34.952	27.307	4.34	614.6	7.091	34.922	27.345	4.32	647.3	6.809	34.908	27.373	4.29
579.7	7.517	34.950	27.306	4.34	615.0	7.070	34.923	27.349	4.32	648.0	6.806	34.908	27.373	4.29
580.5	7.491	34.950	27.310	4.34	616.4	7.050	34.922	27.351	4.32	648.4	6.796	34.909	27.376	4.29
581.5	7.459	34.948	27.313	4.34	617.6	7.044	34.921	27.351	4.32	648.9	6.786	34.908	27.376	4.29
581.9	7.458	34.946	27.312	4.34	618.2	7.049	34.921	27.350	4.32	649.3	6.789	34.908	27.376	4.29
582.6	7.457	34.946	27.312	4.34	619.5	7.024	34.921	27.353	4.31	649.9	6.781	34.908	27.377	4.29
582.9	7.460	34.944	27.310	4.34	620.5	7.010	34.919	27.354	4.31	649.9	6.780	34.909	27.378	4.29
582.2	7.483	34.947	27.309	4.34	621.4	7.016	34.919	27.353	4.31	650.5	6.774	34.909	27.377	4.29
583.0	7.455	34.949	27.314	4.34	622.4	6.991	34.919	27.357	4.31	651.4	6.774	34.909	27.379	4.28
583.5	7.452	34.948	27.314	4.34	623.4	6.974	34.918	27.358	4.31	651.9	6.770	34.908	27.378	4.28
584.6	7.447	34.945	27.313	4.34	624.1	6.960	34.920	27.362	4.31	652.4	6.767	34.909	27.380	4.28
585.5	7.433	34.946	27.315	4.34	624.6	6.962	34.916	27.358	4.31	652.9	6.766	34.910	27.380	4.28
585.8	7.455	34.945	27.311	4.34	625.4	6.941	34.915	27.360	4.31	653.0	6.765	34.910	27.381	4.28
585.9	7.471	34.947	27.311	4.34	626.5	6.935	34.915	27.361	4.31	653.4	6.766	34.909	27.380	4.28
586.5	7.439	34.947	27.315	4.34	627.4	6.930	34.915	27.362	4.31	654.6	6.758	34.906	27.378	4.28
587.5	7.427	34.945	27.315	4.34	628.4	6.916	34.914	27.363	4.31	655.4	6.754	34.908	27.381	4.28
588.2	7.421	34.944	27.315	4.34	628.9	6.913	34.914	27.363	4.31	655.9	6.754	34.908	27.381	4.28
588.9	7.415	34.943	27.315	4.34	629.5	6.911	34.914	27.364	4.31	656.9	6.753	34.909	27.382	4.28
589.2	7.427	34.942	27.313	4.34	629.9	6.909	34.913	27.363	4.31	656.4	6.755	34.906	27.377	4.28
590.5	7.383	34.946	27.323	4.33	630.5	6.908	34.914	27.364	4.31	657.6	6.750	34.907	27.380	4.28
591.5	7.376	34.940	27.319	4.33	630.9	6.905	34.913	27.364	4.31	658.0	6.750	34.907	27.380	4.28
592.4	7.380	34.939	27.317	4.33	631.4	6.899	34.914	27.365	4.31	658.4	6.742	34.909	27.382	4.28
593.4	7.367	34.940	27.320	4.33	631.9	6.893	34.913	27.365	4.30	658.9	6.733	34.908	27.383	4.28
594.3	7.343	34.938	27.322	4.33	632.5	6.885	34.914	27.367	4.31	659.3	6.734	34.907	27.382	4.28
594.9	7.322	34.942	27.328	4.33	633.5	6.883	34.914	27.367	4.30	659.3	6.741	34.906	27.381	4.28
595.5	7.333	34.936	27.322	4.33	634.5	6.882	34.912	27.366	4.30	660.4	6.725	34.907	27.384	4.28
596.0	7.329	34.932	27.320	4.33	635.4	6.878	34.912	27.367	4.30	661.2	6.727	34.906	27.383	4.27
596.4	7.313	34.937	27.325	4.33	636.4	6.873	34.912	27.367	4.30	662.5	6.720	34.907	27.384	4.27
597.4	7.279	34.936	27.329	4.33	637.4	6.864	34.912	27.369	4.30	662.9	6.722	34.906	27.383	4.27
598.6	7.267	34.933	27.329	4.33	637.9	6.857	34.914	27.371	4.30	662.9	6.721	34.906	27.384	4.27
598.8	7.264	34.936	27.332	4.33	638.0	6.867	34.911	27.368	4.30	663.4	6.717	34.907	27.385	4.27
598.9	7.265	34.934	27.330	4.33	638.4	6.864	34.911	27.368	4.30	664.5	6.710	34.906	27.385	4.27
599.4	7.249	34.931	27.330	4.33	639.4	6.847	34.911	27.370	4.30	664.9	6.711	34.907	27.386	4.27
600.5	7.223	34.931	27.333	4.33	639.9	6.843	34.911	27.371	4.30	664.9	6.710	34.905	27.384	4.27
601.7	7.217	34.929	27.333	4.33	640.2	6.841	34.911	27.371	4.30	664.9	6.710	34.907	27.386	4.27
602.0	7.217	34.930	27.334	4.33	640.7	6.832	34.910	27.372	4.30	664.8	6.713	34.906	27.385	4.27
602.4	7.206	34.929	27.334	4.33	641.3	6.831	34.909	27.371	4.30	665.4	6.702	34.906	27.386	4.27
603.5	7.185	34.929	27.337	4.33	641.9	6.828	34.909	27.371	4.30	666.6	6.693	34.905	27.386	4.27
604.5	7.186	34.928	27.336	4.33	642.5	6.826	34.910	27.372	4.30	666.9	6.693	34.904	27.386	4.26
605.5	7.158	34.929	27.341	4.33	642.9	6.825	34.911	27.373	4.30	666.9	6.694	34.904	27.385	4.26
606.5	7.136	34.927	27.343	4.33	643.0	6.825	34.911	27.373	4.30	667.4	6.687	34.905	27.387	4.26

STATION M89G06\*07\*1A

CRUISE 39G06 DATE 19 MAY GMT 17:11:00 LAT 27 34.3 LON 125 28.7 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
668.5	6.675	34.904	27.388	4.26	689.4	6.437	34.898	27.408	4.25	712.9	6.155	34.894	27.436	4.22
669.0	6.631	34.904	27.397	4.26	690.4	6.468	34.898	27.411	4.24	713.0	6.057	34.894	27.436	4.22
669.9	6.678	34.901	27.395	4.25	690.9	6.467	34.898	27.411	4.24	713.7	6.055	34.895	27.437	4.22
669.5	6.685	34.905	27.392	4.26	690.9	6.467	34.898	27.411	4.24	714.4	6.045	34.896	27.439	4.22
669.9	6.684	34.904	27.391	4.26	690.9	6.467	34.898	27.411	4.24	715.7	6.043	34.896	27.439	4.22
670.3	6.652	34.905	27.392	4.26	690.5	6.437	34.897	27.408	4.24	716.4	6.238	34.896	27.440	4.22
670.2	6.628	34.900	27.391	4.26	690.5	6.470	34.899	27.412	4.24	716.9	6.236	34.895	27.440	4.22
670.9	6.625	34.901	27.392	4.26	691.3	6.464	34.898	27.412	4.24	717.0	6.236	34.895	27.440	4.22
671.5	6.629	34.902	27.393	4.26	692.5	6.450	34.898	27.414	4.24	716.9	6.238	34.896	27.440	4.22
672.5	6.619	34.902	27.394	4.26	692.6	6.465	34.898	27.412	4.24	716.9	6.241	34.895	27.439	4.22
673.4	6.619	34.902	27.394	4.26	693.4	6.431	34.900	27.418	4.24	717.4	6.238	34.895	27.439	4.22
674.0	6.615	34.901	27.394	4.26	693.9	6.425	34.898	27.417	4.24	717.9	6.234	34.897	27.441	4.22
674.6	6.614	34.902	27.395	4.26	694.5	6.418	34.898	27.418	4.24	717.9	6.234	34.897	27.441	4.22
675.0	6.613	34.903	27.396	4.26	694.9	6.414	34.899	27.419	4.24	718.5	6.234	34.896	27.440	4.22
675.0	6.615	34.902	27.395	4.26	694.9	6.422	34.897	27.417	4.24	719.4	6.231	34.895	27.440	4.22
674.9	6.614	34.902	27.395	4.26	695.0	6.428	34.893	27.413	4.24	719.9	6.230	34.896	27.441	4.22
675.0	6.615	34.902	27.395	4.26	695.0	6.423	34.894	27.414	4.24	719.9	6.230	34.896	27.441	4.22
674.9	6.615	34.901	27.394	4.26	694.1	6.444	34.898	27.414	4.24	720.4	6.230	34.896	27.441	4.22
675.4	6.614	34.902	27.395	4.26	695.4	6.409	34.898	27.419	4.24	721.4	6.219	34.896	27.442	4.22
676.4	6.610	34.901	27.395	4.26	695.9	6.400	34.898	27.420	4.24	721.9	6.217	34.897	27.444	4.22
676.9	6.606	34.902	27.396	4.26	696.2	6.408	34.897	27.418	4.24	721.9	6.217	34.895	27.442	4.22
676.9	6.611	34.901	27.395	4.26	697.5	6.387	34.899	27.422	4.24	722.2	6.215	34.895	27.442	4.22
677.4	6.609	34.902	27.396	4.26	697.9	6.383	34.899	27.423	4.24	722.9	6.206	34.894	27.443	4.21
678.5	6.602	34.902	27.396	4.26	697.9	6.390	34.896	27.420	4.24	723.0	6.205	34.896	27.444	4.21
678.8	6.605	34.901	27.395	4.25	697.9	6.389	34.895	27.419	4.24	723.3	6.194	34.895	27.445	4.21
679.4	6.594	34.902	27.399	4.25	697.5	6.397	34.896	27.419	4.24	724.4	6.177	34.894	27.447	4.21
680.4	6.590	34.901	27.397	4.25	698.4	6.375	34.898	27.424	4.24	725.5	6.158	34.895	27.450	4.21
680.4	6.584	34.902	27.399	4.25	699.5	6.355	34.898	27.426	4.24	726.4	6.158	34.894	27.449	4.21
681.4	6.583	34.901	27.398	4.25	699.3	6.377	34.895	27.421	4.24	727.6	6.154	34.895	27.450	4.21
682.5	6.580	34.901	27.399	4.25	700.4	6.334	34.899	27.430	4.23	728.4	6.150	34.895	27.451	4.21
682.9	6.577	34.900	27.398	4.25	701.2	6.342	34.896	27.427	4.23	728.9	6.147	34.895	27.451	4.21
682.8	6.579	34.900	27.398	4.25	702.5	6.308	34.897	27.432	4.23	729.2	6.145	34.896	27.452	4.21
682.8	6.580	34.901	27.399	4.25	703.1	6.307	34.895	27.430	4.23	729.7	6.144	34.896	27.452	4.21
683.3	6.577	34.901	27.399	4.25	704.4	6.267	34.895	27.436	4.23	730.0	6.144	34.893	27.450	4.21
683.9	6.574	34.901	27.400	4.25	705.1	6.272	34.895	27.435	4.23	729.7	6.148	34.895	27.451	4.21
684.5	6.571	34.900	27.399	4.25	706.5	6.264	34.896	27.437	4.23	730.5	6.143	34.895	27.452	4.21
685.4	6.541	34.902	27.405	4.25	707.2	6.265	34.896	27.437	4.23	731.4	6.139	34.895	27.452	4.20
685.9	6.535	34.901	27.405	4.25	706.5	6.270	34.896	27.436	4.23	731.9	6.140	34.896	27.453	4.20
685.9	6.532	34.900	27.404	4.25	707.4	6.263	34.897	27.438	4.23	731.9	6.140	34.896	27.453	4.20
686.5	6.529	34.900	27.405	4.25	708.3	6.262	34.894	27.436	4.23	732.4	6.136	34.896	27.453	4.20
686.9	6.530	34.901	27.406	4.25	708.9	6.260	34.895	27.436	4.22	733.4	6.132	34.896	27.454	4.20
686.9	6.534	34.899	27.403	4.25	709.9	6.263	34.896	27.437	4.23	734.5	6.129	34.896	27.454	4.20
686.9	6.536	34.899	27.403	4.25	709.3	6.260	34.896	27.437	4.22	735.0	6.130	34.896	27.454	4.20
686.4	6.545	34.900	27.403	4.25	710.4	6.258	34.897	27.438	4.22	733.9	6.139	34.895	27.452	4.20
687.4	6.519	34.899	27.405	4.25	710.9	6.260	34.895	27.436	4.22	734.4	6.130	34.897	27.455	4.20
688.5	6.495	34.901	27.410	4.25	710.9	6.258	34.896	27.438	4.22	735.5	6.127	34.895	27.454	4.20
688.9	6.500	34.899	27.408	4.25	711.5	6.258	34.896	27.438	4.22	736.2	6.129	34.895	27.453	4.20
689.0	6.501	34.897	27.406	4.25	711.9	6.258	34.897	27.438	4.22	737.4	6.119	34.895	27.455	4.20
688.9	6.498	34.899	27.408	4.25	711.9	6.258	34.896	27.438	4.22	738.0	6.122	34.895	27.455	4.20
688.5	6.515	34.900	27.406	4.25	712.3	6.257	34.896	27.438	4.22	737.9	6.123	34.894	27.453	4.20

STATION N89G06\*07\*1A CRUISE 39G06 DATE 19 MAY GMT 17:11:00 LAT 27 24.9 LON 95 28.9 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
738.5	6.119	34.895	27.455	4.20	758.5	6.012	34.896	27.469	4.19	785.9	5.922	34.895	27.480	4.17
739.6	6.110	34.895	27.456	4.20	759.9	6.012	34.894	27.468	4.19	786.5	5.920	34.895	27.480	4.17
739.8	6.111	34.896	27.457	4.20	760.4	6.014	34.894	27.468	4.19	787.0	5.919	34.894	27.480	4.17
739.7	6.116	34.895	27.455	4.20	759.9	6.022	34.894	27.467	4.19	787.0	5.923	34.894	27.479	4.17
739.9	6.114	34.893	27.454	4.20	760.0	6.016	34.895	27.468	4.19	787.5	5.912	34.895	27.481	4.17
740.5	6.105	34.896	27.457	4.20	760.5	6.011	34.894	27.468	4.18	788.6	5.904	34.896	27.483	4.17
741.1	6.103	34.896	27.458	4.20	761.5	6.010	34.895	27.469	4.19	788.9	5.904	34.895	27.482	4.17
741.6	6.104	34.895	27.457	4.20	762.0	6.010	34.895	27.469	4.18	788.9	5.906	34.895	27.482	4.17
742.4	6.101	34.895	27.457	4.20	762.0	6.012	34.895	27.469	4.18	788.9	5.908	34.896	27.483	4.17
742.9	6.098	34.896	27.458	4.20	762.4	6.009	34.894	27.468	4.18	788.9	5.906	34.897	27.483	4.17
742.9	6.097	34.898	27.460	4.20	763.4	6.007	34.894	27.469	4.18	788.9	5.905	34.895	27.482	4.17
743.4	6.095	34.895	27.458	4.20	764.3	6.006	34.895	27.469	4.18	788.9	5.904	34.894	27.482	4.17
743.9	6.092	34.895	27.459	4.20	765.4	5.994	34.895	27.471	4.18	789.4	5.899	34.896	27.484	4.17
744.4	6.066	34.896	27.462	4.20	766.5	5.991	34.896	27.472	4.18	790.4	5.893	34.895	27.484	4.17
744.9	6.059	34.894	27.462	4.20	767.0	5.993	34.893	27.469	4.18	790.8	5.897	34.895	27.483	4.17
744.9	6.060	34.893	27.461	4.20	766.3	5.996	34.895	27.471	4.18	791.4	5.889	34.897	27.486	4.17
745.3	6.056	34.894	27.462	4.20	767.5	5.988	34.896	27.472	4.18	792.4	5.887	34.895	27.484	4.17
745.9	6.052	34.893	27.461	4.19	768.6	5.985	34.896	27.473	4.18	793.0	5.887	34.895	27.484	4.17
746.5	6.052	34.895	27.463	4.19	768.9	5.982	34.897	27.474	4.18	792.5	5.890	34.896	27.485	4.17
747.4	6.049	34.895	27.464	4.19	769.0	5.982	34.895	27.473	4.18	793.4	5.886	34.896	27.485	4.17
748.5	6.048	34.896	27.465	4.19	769.2	5.978	34.896	27.474	4.18	794.3	5.886	34.896	27.485	4.17
749.0	6.048	34.895	27.464	4.19	770.3	5.967	34.896	27.475	4.18	795.0	5.884	34.897	27.486	4.17
748.9	6.048	34.896	27.465	4.19	771.5	5.961	34.895	27.475	4.18	795.3	5.884	34.896	27.486	4.17
748.6	6.050	34.894	27.463	4.19	771.9	5.957	34.895	27.476	4.18	796.5	5.881	34.895	27.485	4.17
749.5	6.048	34.895	27.464	4.19	772.5	5.955	34.897	27.477	4.18	797.4	5.875	34.896	27.487	4.17
750.5	6.046	34.894	27.464	4.19	773.5	5.948	34.896	27.478	4.18	797.8	5.871	34.896	27.487	4.17
750.9	6.046	34.896	27.465	4.20	773.5	5.943	34.896	27.478	4.18	798.4	5.864	34.897	27.489	4.17
750.9	6.046	34.896	27.465	4.19	773.8	5.951	34.895	27.476	4.18	799.5	5.857	34.897	27.490	4.17
750.7	6.048	34.895	27.464	4.19	774.4	5.941	34.896	27.478	4.18	799.5	5.864	34.896	27.488	4.17
751.4	6.046	34.895	27.464	4.19	775.5	5.931	34.895	27.479	4.18	799.9	5.851	34.897	27.491	4.17
751.9	6.045	34.895	27.464	4.19	775.8	5.938	34.895	27.478	4.18	800.5	5.845	34.897	27.491	4.17
752.5	6.043	34.895	27.465	4.19	775.9	5.930	34.896	27.480	4.18	801.5	5.842	34.897	27.492	4.17
752.9	6.043	34.895	27.465	4.19	776.7	5.929	34.896	27.480	4.18	802.4	5.829	34.896	27.492	4.17
753.0	6.045	34.892	27.462	4.19	777.6	5.929	34.896	27.480	4.18	803.6	5.820	34.898	27.495	4.17
752.5	6.046	34.894	27.464	4.19	777.9	5.929	34.896	27.480	4.18	803.8	5.825	34.897	27.494	4.17
753.4	6.041	34.896	27.466	4.19	778.4	5.927	34.895	27.479	4.18	803.3	5.833	34.896	27.492	4.17
754.4	6.035	34.895	27.466	4.19	779.4	5.927	34.895	27.479	4.18	804.5	5.805	34.897	27.496	4.17
754.9	6.034	34.896	27.467	4.19	779.9	5.925	34.894	27.479	4.17	805.5	5.798	34.897	27.497	4.17
755.0	6.037	34.894	27.465	4.19	779.9	5.925	34.894	27.479	4.18	805.9	5.780	34.899	27.501	4.17
754.9	6.035	34.894	27.465	4.19	780.5	5.925	34.895	27.480	4.18	806.5	5.774	34.897	27.500	4.17
754.2	6.041	34.895	27.465	4.19	781.3	5.926	34.895	27.479	4.18	806.9	5.770	34.899	27.502	4.17
755.4	6.028	34.896	27.467	4.19	782.0	5.924	34.895	27.480	4.18	806.9	5.770	34.900	27.503	4.17
756.5	6.019	34.894	27.467	4.19	782.5	5.924	34.895	27.480	4.17	807.5	5.762	34.897	27.502	4.17
757.0	6.020	34.894	27.467	4.19	783.6	5.923	34.895	27.480	4.17	807.9	5.759	34.898	27.503	4.17
756.2	6.033	34.894	27.465	4.19	783.9	5.923	34.895	27.480	4.17	808.0	5.759	34.899	27.504	4.17
757.4	6.016	34.895	27.468	4.19	783.9	5.924	34.894	27.479	4.18	807.9	5.758	34.897	27.502	4.17
757.9	6.012	34.894	27.468	4.19	783.1	5.925	34.895	27.480	4.17	808.5	5.754	34.898	27.504	4.17
758.5	6.012	34.895	27.469	4.19	783.9	5.923	34.895	27.480	4.17	809.0	5.752	34.897	27.503	4.17
758.9	6.014	34.896	27.469	4.19	784.6	5.922	34.895	27.480	4.17	809.5	5.750	34.898	27.504	4.17
757.9	6.025	34.894	27.466	4.19	785.2	5.923	34.894	27.479	4.17	810.3	5.751	34.897	27.503	4.17

STATION H39G06\*07\*1A

CRUISE 39G06

DATE 19 MAY GNT 17:11:00

LAT 27 24.9

LON 95 28.2

DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
811.4	5.739	34.898	27.506	4.17	839.4	5.597	34.899	27.524	4.16	865.4	5.491	34.904	27.541	4.16
812.2	5.739	34.897	27.505	4.17	839.9	5.595	34.902	27.527	4.16	865.9	5.490	34.901	27.539	4.16
813.4	5.730	34.897	27.506	4.17	840.5	5.589	34.901	27.526	4.16	866.5	5.491	34.904	27.541	4.16
813.9	5.729	34.897	27.506	4.17	840.9	5.586	34.902	27.528	4.16	867.5	5.489	34.903	27.540	4.16
813.9	5.732	34.897	27.505	4.17	840.8	5.594	34.901	27.526	4.16	868.4	5.487	34.903	27.541	4.16
814.4	5.729	34.898	27.507	4.17	841.4	5.583	34.902	27.528	4.16	868.4	5.490	34.903	27.540	4.16
814.9	5.727	34.899	27.508	4.17	842.6	5.572	34.901	27.529	4.16	869.4	5.486	34.904	27.542	4.16
815.6	5.727	34.898	27.507	4.17	843.0	5.570	34.900	27.528	4.16	870.4	5.486	34.904	27.542	4.16
815.9	5.725	34.896	27.506	4.17	842.9	5.571	34.904	27.531	4.16	870.9	5.483	34.904	27.542	4.16
816.5	5.719	34.898	27.508	4.17	842.9	5.571	34.904	27.531	4.16	870.6	5.485	34.903	27.541	4.16
816.9	5.711	34.897	27.508	4.17	843.5	5.568	34.902	27.530	4.16	870.9	5.484	34.904	27.542	4.16
817.4	5.709	34.898	27.509	4.17	843.9	5.565	34.901	27.530	4.16	871.5	5.482	34.904	27.542	4.16
818.5	5.708	34.898	27.509	4.17	844.4	5.565	34.902	27.530	4.16	872.5	5.453	34.906	27.547	4.16
819.4	5.699	34.899	27.511	4.17	844.9	5.563	34.903	27.531	4.16	872.8	5.469	34.904	27.543	4.16
820.5	5.694	34.899	27.512	4.17	845.5	5.560	34.902	27.531	4.16	873.4	5.441	34.908	27.550	4.16
821.4	5.686	34.899	27.513	4.17	846.4	5.549	34.903	27.533	4.16	873.9	5.438	34.906	27.549	4.16
821.9	5.682	34.900	27.514	4.17	846.9	5.539	34.904	27.535	4.16	874.6	5.438	34.905	27.548	4.16
822.2	5.686	34.899	27.513	4.17	847.4	5.544	34.902	27.533	4.16	874.9	5.436	34.907	27.550	4.16
822.9	5.676	34.902	27.516	4.16	847.6	5.549	34.901	27.531	4.16	874.9	5.435	34.907	27.550	4.16
823.5	5.670	34.900	27.515	4.16	848.5	5.536	34.903	27.534	4.16	875.4	5.432	34.905	27.549	4.16
824.0	5.676	34.899	27.514	4.17	849.7	5.535	34.903	27.535	4.16	876.4	5.427	34.905	27.549	4.16
824.5	5.664	34.900	27.516	4.16	850.4	5.529	34.904	27.536	4.16	876.9	5.425	34.907	27.551	4.16
825.4	5.660	34.900	27.517	4.16	851.5	5.519	34.903	27.537	4.16	877.5	5.423	34.906	27.551	4.16
825.9	5.668	34.899	27.515	4.17	852.3	5.519	34.903	27.537	4.16	878.5	5.414	34.907	27.552	4.16
825.9	5.661	34.898	27.515	4.16	852.9	5.516	34.905	27.538	4.16	879.0	5.409	34.907	27.553	4.16
826.4	5.656	34.900	27.517	4.16	852.9	5.516	34.906	27.539	4.16	878.5	5.421	34.906	27.551	4.16
826.9	5.647	34.901	27.520	4.16	853.3	5.513	34.903	27.537	4.16	879.4	5.405	34.909	27.555	4.16
827.4	5.640	34.900	27.519	4.17	853.9	5.511	34.902	27.537	4.16	879.9	5.403	34.909	27.556	4.16
827.9	5.637	34.898	27.518	4.17	854.4	5.510	34.903	27.538	4.16	880.5	5.398	34.907	27.554	4.16
828.2	5.643	34.898	27.517	4.17	854.9	5.509	34.904	27.539	4.16	881.0	5.396	34.907	27.555	4.16
829.5	5.633	34.901	27.521	4.16	854.9	5.509	34.904	27.539	4.16	880.8	5.404	34.906	27.553	4.16
830.4	5.634	34.900	27.520	4.16	854.9	5.511	34.903	27.537	4.16	880.6	5.410	34.906	27.552	4.16
831.4	5.632	34.901	27.521	4.16	854.9	5.512	34.905	27.539	4.16	881.5	5.397	34.908	27.555	4.16
832.0	5.631	34.901	27.521	4.16	855.4	5.510	34.903	27.538	4.16	882.5	5.391	34.907	27.555	4.16
832.3	5.632	34.901	27.521	4.16	855.9	5.507	34.901	27.537	4.16	883.0	5.389	34.908	27.556	4.16
832.9	5.631	34.900	27.521	4.16	856.3	5.507	34.902	27.537	4.16	883.5	5.380	34.909	27.558	4.16
833.0	5.631	34.901	27.521	4.17	856.9	5.504	34.903	27.539	4.16	883.9	5.377	34.909	27.559	4.16
833.0	5.630	34.899	27.520	4.16	857.5	5.502	34.903	27.539	4.16	883.9	5.377	34.909	27.559	4.16
833.6	5.630	34.899	27.520	4.16	857.9	5.505	34.903	27.538	4.16	884.3	5.376	34.908	27.558	4.16
834.3	5.629	34.899	27.520	4.16	858.4	5.502	34.903	27.539	4.16	884.9	5.372	34.909	27.559	4.16
835.2	5.625	34.901	27.522	4.16	859.5	5.500	34.903	27.539	4.16	885.6	5.370	34.908	27.559	4.16
836.3	5.612	34.901	27.524	4.16	860.2	5.501	34.903	27.539	4.16	885.9	5.368	34.909	27.560	4.16
836.9	5.605	34.901	27.525	4.16	861.5	5.497	34.904	27.540	4.16	886.4	5.366	34.909	27.560	4.16
837.5	5.602	34.901	27.525	4.16	862.5	5.497	34.904	27.540	4.16	886.9	5.363	34.909	27.561	4.16
837.9	5.600	34.902	27.526	4.16	863.0	5.497	34.904	27.540	4.16	887.5	5.361	34.908	27.560	4.16
838.5	5.599	34.901	27.525	4.16	862.5	5.498	34.903	27.539	4.16	887.9	5.358	34.908	27.560	4.16
838.8	5.598	34.900	27.524	4.16	863.5	5.494	34.904	27.541	4.16	888.5	5.355	34.908	27.560	4.16
838.9	5.598	34.900	27.524	4.16	864.6	5.490	34.903	27.540	4.16	889.4	5.347	34.909	27.563	4.16
838.9	5.597	34.900	27.524	4.16	864.9	5.491	34.904	27.541	4.16	889.5	5.354	34.908	27.561	4.16
838.9	5.598	34.899	27.523	4.16	864.5	5.495	34.904	27.540	4.16	889.9	5.342	34.908	27.562	4.16

STATION N89G06+07+1A

CRUISE 29606

DATE 19 MAY GMT 17:11:00

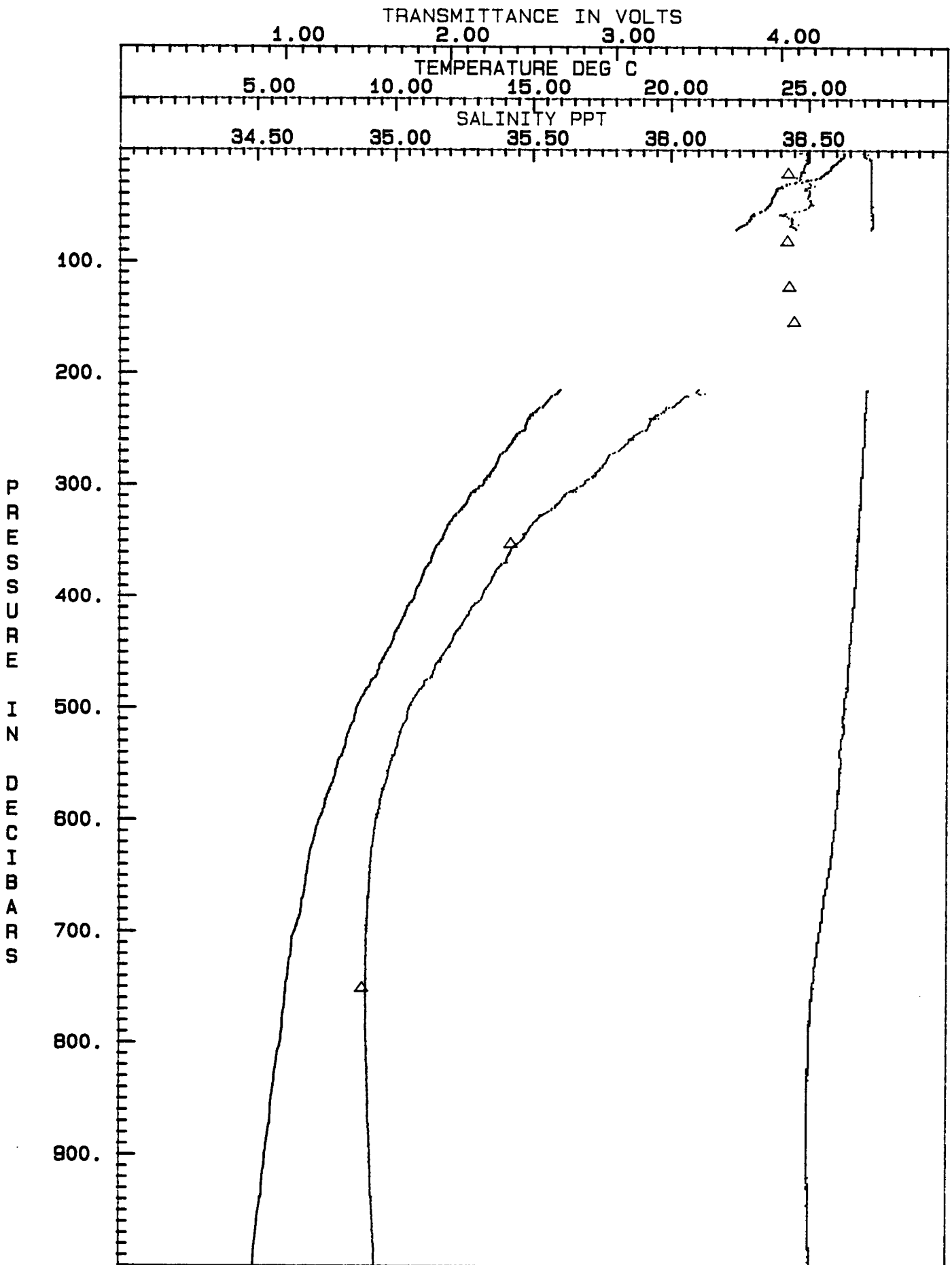
LAT 27 24.9

LON 95 28.9

DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
890.4	5.335	34.910	27.565	4.16	917.3	5.221	34.913	27.581	4.16	946.5	5.036	34.918	27.600	4.17
891.5	5.331	34.911	27.566	4.16	918.5	5.205	34.913	27.582	4.16	947.0	5.035	34.919	27.601	4.17
891.9	5.331	34.911	27.566	4.16	919.6	5.204	34.914	27.583	4.16	947.3	5.036	34.918	27.600	4.17
892.0	5.332	34.909	27.564	4.16	919.9	5.204	34.912	27.582	4.17	948.5	5.078	34.918	27.601	4.17
891.9	5.332	34.910	27.565	4.16	919.9	5.203	34.912	27.582	4.16	949.4	5.074	34.918	27.602	4.17
891.6	5.340	34.908	27.562	4.16	920.0	5.203	34.913	27.583	4.16	950.4	5.066	34.919	27.604	4.17
892.4	5.331	34.909	27.564	4.16	919.7	5.203	34.913	27.583	4.16	951.4	5.051	34.919	27.605	4.17
892.9	5.330	34.907	27.563	4.16	920.4	5.204	34.914	27.583	4.16	951.9	5.048	34.918	27.605	4.17
893.4	5.329	34.908	27.563	4.16	921.4	5.202	34.914	27.583	4.16	951.9	5.049	34.918	27.605	4.17
893.9	5.329	34.909	27.564	4.16	922.5	5.201	34.913	27.583	4.16	952.0	5.050	34.918	27.605	4.17
894.5	5.331	34.910	27.565	4.16	923.5	5.197	34.913	27.583	4.16	951.9	5.051	34.919	27.605	4.17
895.5	5.328	34.910	27.565	4.16	924.4	5.194	34.914	27.584	4.16	951.8	5.050	34.919	27.604	4.17
896.6	5.318	34.911	27.567	4.16	925.4	5.191	34.913	27.584	4.17	952.4	5.048	34.919	27.606	4.17
897.5	5.303	34.910	27.568	4.16	926.2	5.191	34.913	27.584	4.17	953.5	5.035	34.920	27.603	4.17
898.4	5.299	34.911	27.570	4.16	926.9	5.185	34.914	27.585	4.17	954.0	5.039	34.919	27.607	4.17
899.0	5.297	34.911	27.570	4.16	927.4	5.185	34.914	27.585	4.17	953.9	5.046	34.919	27.606	4.17
899.4	5.294	34.909	27.569	4.16	927.9	5.185	34.914	27.585	4.16	954.4	5.037	34.920	27.608	4.17
900.4	5.294	34.911	27.570	4.16	928.6	5.185	34.913	27.585	4.17	955.5	5.029	34.921	27.610	4.17
900.9	5.293	34.912	27.571	4.16	929.0	5.185	34.913	27.585	4.16	956.1	5.030	34.920	27.609	4.17
901.4	5.294	34.910	27.570	4.16	929.5	5.184	34.914	27.586	4.17	957.5	5.023	34.920	27.609	4.17
902.0	5.293	34.911	27.570	4.16	929.9	5.182	34.915	27.587	4.16	958.0	5.022	34.920	27.609	4.17
902.4	5.292	34.911	27.570	4.16	930.3	5.182	34.915	27.587	4.17	958.3	5.024	34.920	27.609	4.17
902.9	5.291	34.909	27.569	4.16	930.9	5.182	34.915	27.587	4.17	959.4	5.018	34.921	27.611	4.17
903.4	5.289	34.910	27.570	4.16	931.4	5.181	34.915	27.587	4.17	960.1	5.019	34.921	27.611	4.17
904.2	5.290	34.911	27.571	4.16	931.9	5.179	34.913	27.585	4.17	961.5	5.011	34.922	27.612	4.17
904.9	5.286	34.913	27.573	4.16	932.2	5.183	34.914	27.586	4.17	962.0	5.013	34.921	27.611	4.17
905.5	5.285	34.910	27.571	4.16	933.4	5.182	34.914	27.586	4.17	962.5	5.010	34.922	27.613	4.17
906.5	5.283	34.911	27.572	4.16	934.4	5.180	34.914	27.586	4.17	963.6	5.006	34.921	27.612	4.17
906.9	5.285	34.911	27.571	4.16	934.5	5.181	34.913	27.585	4.17	964.5	5.001	34.922	27.613	4.17
906.9	5.285	34.909	27.570	4.16	935.5	5.175	34.914	27.587	4.17	965.0	5.000	34.921	27.613	4.17
907.0	5.285	34.909	27.570	4.16	936.5	5.173	34.914	27.587	4.17	965.4	5.000	34.922	27.614	4.17
906.9	5.285	34.909	27.570	4.16	936.6	5.176	34.914	27.586	4.17	966.4	4.996	34.921	27.613	4.17
906.9	5.283	34.910	27.571	4.16	937.5	5.161	34.915	27.589	4.17	967.3	4.993	34.921	27.614	4.17
907.0	5.283	34.911	27.572	4.16	937.9	5.156	34.917	27.591	4.17	967.9	4.985	34.920	27.614	4.17
906.5	5.286	34.911	27.571	4.16	938.0	5.156	34.915	27.590	4.17	968.5	4.983	34.922	27.615	4.17
907.5	5.280	34.911	27.572	4.16	938.6	5.153	34.915	27.590	4.17	968.9	4.983	34.922	27.615	4.17
908.4	5.274	34.911	27.573	4.16	939.0	5.149	34.916	27.592	4.17	969.2	4.987	34.921	27.614	4.17
909.0	5.273	34.911	27.573	4.16	939.5	5.132	34.917	27.594	4.17	970.5	4.977	34.923	27.617	4.17
908.8	5.278	34.911	27.572	4.16	938.1	5.117	34.920	27.598	4.17	970.8	4.974	34.923	27.617	4.17
909.4	5.273	34.911	27.573	4.16	940.3	5.125	34.917	27.595	4.17	970.8	4.981	34.922	27.616	4.17
910.4	5.262	34.912	27.575	4.16	941.4	5.117	34.917	27.596	4.17	971.5	4.973	34.924	27.619	4.17
910.9	5.258	34.914	27.577	4.16	941.9	5.116	34.919	27.598	4.17	972.3	4.969	34.924	27.619	4.17
910.9	5.268	34.912	27.574	4.16	942.5	5.117	34.916	27.595	4.17	973.5	4.963	34.923	27.619	4.17
911.4	5.258	34.912	27.575	4.16	942.9	5.115	34.916	27.596	4.17	974.0	4.961	34.925	27.621	4.17
912.4	5.245	34.912	27.577	4.16	943.4	5.111	34.916	27.596	4.17	974.4	4.960	34.922	27.618	4.17
913.3	5.247	34.912	27.577	4.16	944.5	5.103	34.917	27.598	4.17	975.4	4.952	34.925	27.622	4.17
914.5	5.227	34.913	27.580	4.16	944.8	5.104	34.917	27.598	4.17	976.3	4.948	34.924	27.621	4.17
915.4	5.230	34.913	27.580	4.16	944.8	5.105	34.918	27.598	4.17	977.3	4.946	34.923	27.621	4.17
916.4	5.217	34.914	27.582	4.16	944.9	5.104	34.918	27.598	4.16	978.5	4.940	34.924	27.623	4.17
917.5	5.213	34.914	27.582	4.16	945.5	5.095	34.917	27.599	4.17	978.9	4.939	34.924	27.622	4.17





CRUISE: 89G08      STATION: N89G08\*07\*1A      DATE: 18 MAY  
 GMT: 17: 11: 00      LATITUDE: 27 24.9      LONGITUDE: 95 28.9  
 TRIANGLES DENOTE DISCRETE SAMPLES

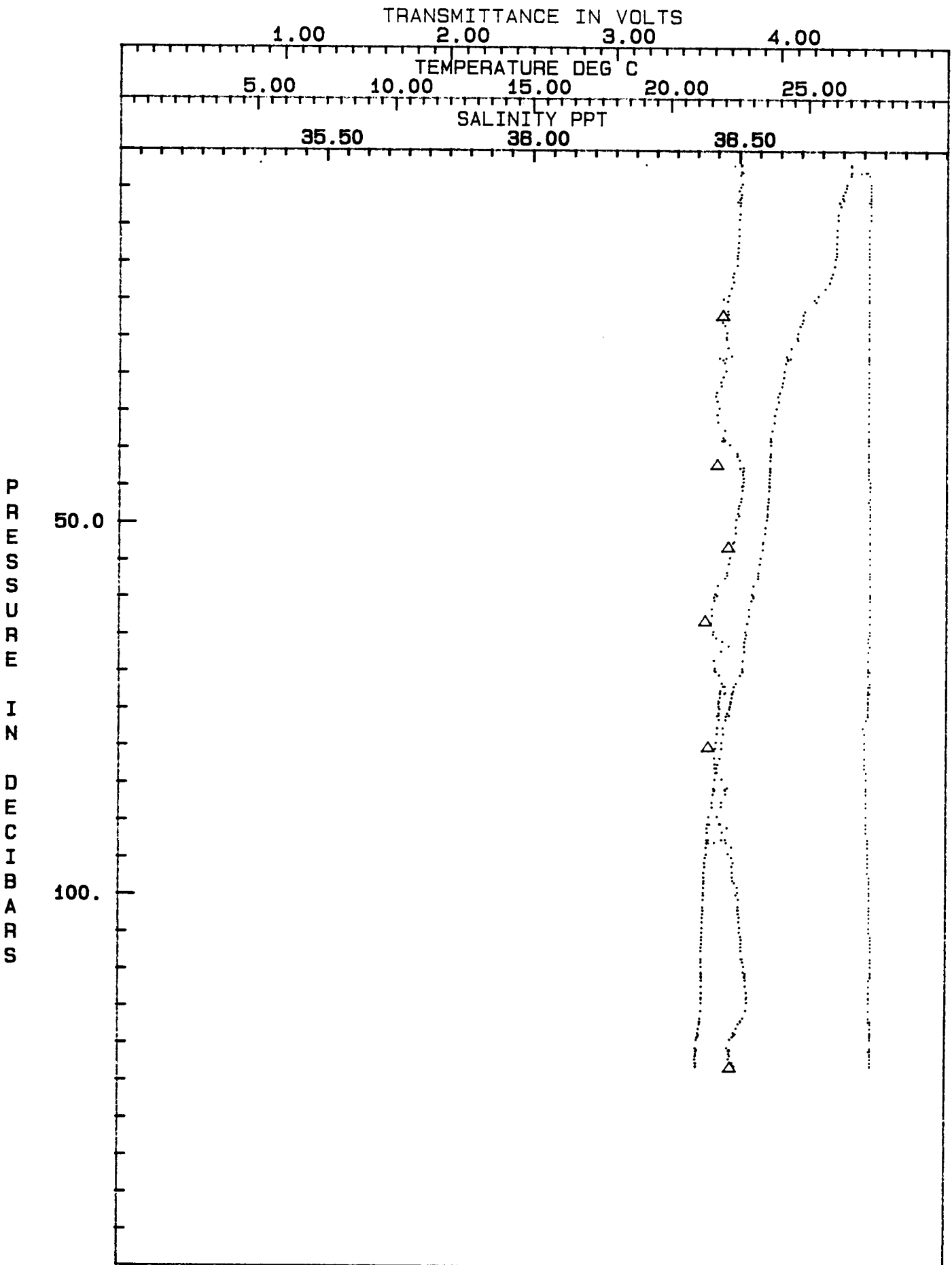
STATION H89606\*07\*2

CRUISE H8960 DATE 12 MAY CNT 00424000 LAT 27 25.2 LON 95 28.2 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
10.0	26.000	36.503	24.007	0.00	30.7	24.104	36.462	24.719	4.53	56.5	22.007	36.472	24.997	4.54
1.9	26.516	36.503	24.007	1.95	31.0	24.067	36.456	24.726	4.53	56.9	22.199	36.472	24.994	4.54
2.0	26.514	36.505	24.009	3.18	31.5	24.037	36.457	24.736	4.53	57.3	22.194	36.467	24.992	4.54
2.1	26.513	36.504	24.009	3.72	32.4	23.951	36.446	24.757	4.53	58.4	22.330	36.450	25.007	4.54
3.0	26.505	36.507	24.014	4.48	32.9	23.983	36.445	24.755	4.53	59.5	22.179	36.440	25.037	4.54
2.9	26.517	36.504	24.008	4.51	33.1	23.922	36.447	24.742	4.53	59.7	22.020	36.448	25.029	4.54
2.9	26.521	36.504	24.006	4.51	33.7	23.140	36.452	24.791	4.53	59.9	22.031	36.440	25.017	4.54
2.9	26.521	36.504	24.006	4.52	35.4	23.779	36.447	24.805	4.53	60.7	22.961	36.442	25.041	4.54
3.3	26.499	36.502	24.012	4.53	36.4	23.767	36.449	24.810	4.53	61.5	22.973	36.435	25.061	4.54
4.5	26.344	36.504	24.067	4.54	37.5	23.695	36.466	24.844	4.53	62.4	22.972	36.435	25.061	4.54
4.9	26.331	36.502	24.155	4.54	38.3	23.678	36.462	24.858	4.53	63.4	22.902	36.437	25.080	4.54
5.4	26.275	36.498	24.080	4.54	38.9	23.628	36.463	24.861	4.53	64.5	22.742	36.439	25.102	4.54
5.9	26.206	36.504	24.106	4.54	39.9	23.643	36.461	24.856	4.53	64.9	22.772	36.438	25.092	4.54
6.3	26.196	36.503	24.108	4.54	39.9	23.654	36.459	24.851	4.53	65.4	22.733	36.446	25.110	4.53
6.9	26.090	36.495	24.136	4.53	39.9	23.650	36.459	24.852	4.53	65.9	22.707	36.461	25.128	4.53
7.0	26.096	36.502	24.139	4.54	38.9	23.641	36.462	24.857	4.53	66.5	22.689	36.476	25.145	4.54
6.6	26.246	36.500	24.090	4.54	38.9	23.641	36.465	24.859	4.53	67.2	22.709	36.458	25.125	4.53
7.4	26.133	36.501	24.126	4.54	38.8	23.640	36.466	24.860	4.53	68.4	22.649	36.440	25.129	4.53
8.5	26.030	36.501	24.159	4.54	38.9	23.642	36.462	24.857	4.53	69.5	22.631	36.443	25.136	4.53
9.2	26.037	36.499	24.155	4.54	39.4	23.645	36.478	24.868	4.53	69.9	22.625	36.445	25.140	4.53
10.5	26.004	36.498	24.165	4.53	40.6	23.634	36.496	24.885	4.53	69.9	22.648	36.442	25.131	4.53
11.4	26.001	36.498	24.166	4.53	41.0	23.632	36.496	24.885	4.53	69.9	22.634	36.444	25.136	4.54
12.3	25.998	36.497	24.169	4.53	40.9	23.628	36.496	24.886	4.53	70.4	22.549	36.453	25.168	4.53
13.0	25.981	36.496	24.171	4.53	41.5	23.615	36.502	24.895	4.53	71.5	22.401	36.460	25.216	4.54
13.6	25.982	36.496	24.170	4.53	42.5	23.614	36.511	24.902	4.53	71.9	22.331	36.467	25.241	4.54
14.0	25.983	36.494	24.168	4.53	42.9	23.617	36.511	24.901	4.53	71.9	22.325	36.463	25.240	4.53
14.4	25.949	36.494	24.179	4.53	43.0	23.618	36.510	24.900	4.53	72.5	22.309	36.456	25.239	4.53
15.4	25.912	36.494	24.191	4.53	42.6	23.623	36.503	24.893	4.53	72.8	22.269	36.468	25.259	4.54
16.4	25.836	36.486	24.208	4.53	43.4	23.612	36.510	24.902	4.53	72.9	22.269	36.466	25.258	4.53
16.9	25.790	36.483	24.220	4.53	43.9	23.599	36.511	24.906	4.53	72.8	22.269	36.455	25.249	4.53
17.6	25.730	36.486	24.241	4.53	44.4	23.591	36.511	24.909	4.54	72.9	22.267	36.455	25.250	4.53
18.4	25.577	36.480	24.284	4.53	44.9	23.584	36.508	24.909	4.54	73.4	22.246	36.455	25.256	4.53
19.4	25.328	36.474	24.357	4.53	44.9	23.584	36.510	24.910	4.54	74.0	22.212	36.453	25.264	4.53
19.9	25.181	36.461	24.392	4.53	44.9	23.599	36.510	24.906	4.54	73.9	22.212	36.452	25.263	4.53
20.2	25.260	36.471	24.375	4.53	45.0	23.607	36.507	24.901	4.54	74.2	22.203	36.451	25.265	4.53
21.5	24.843	36.472	24.504	4.53	45.5	23.582	36.509	24.910	4.54	74.6	22.184	36.452	25.271	4.53
21.9	24.789	36.473	24.521	4.53	46.6	23.564	36.506	24.913	4.54	74.9	22.162	36.454	25.279	4.53
22.6	24.794	36.462	24.511	4.53	47.0	23.561	36.505	24.913	4.53	75.5	22.088	36.452	25.298	4.53
23.0	24.753	36.459	24.521	4.53	47.5	23.545	36.501	24.915	4.54	75.9	22.042	36.449	25.309	4.53
23.4	24.683	36.465	24.547	4.53	47.9	23.534	36.499	24.917	4.54	75.8	22.156	36.452	25.279	4.53
24.4	24.606	36.470	24.574	4.53	48.6	23.531	36.498	24.917	4.54	76.4	22.030	36.453	25.315	4.52
25.0	24.578	36.468	24.582	4.53	48.9	23.530	36.501	24.919	4.54	77.5	21.930	36.449	25.341	4.50
25.3	24.604	36.469	24.574	4.53	49.4	23.504	36.494	24.922	4.54	78.3	21.943	36.448	25.336	4.51
26.4	24.363	36.473	24.650	4.53	50.4	23.456	36.492	24.934	4.54	79.5	21.882	36.446	25.352	4.51
27.5	24.204	36.482	24.705	4.53	51.2	23.444	36.493	24.938	4.54	80.3	21.877	36.444	25.352	4.51
27.8	24.225	36.452	24.676	4.53	52.4	23.377	36.489	24.955	4.54	81.6	21.815	36.442	25.367	4.51
27.8	24.343	36.468	24.652	4.53	52.6	23.365	36.486	24.956	4.54	82.4	21.750	36.443	25.386	4.51
28.0	24.235	36.461	24.679	4.53	53.4	23.366	36.486	24.956	4.54	82.9	21.702	36.443	25.400	4.51
28.4	24.164	36.465	24.704	4.53	54.5	23.298	36.479	24.973	4.54	83.5	21.673	36.449	25.413	4.52
29.5	24.120	36.468	24.719	4.53	55.3	23.253	36.476	24.981	4.54	84.4	21.634	36.461	25.433	4.52







STATION H89G06\*08\*1

CRUISE 89G06 DATE 20 MAY GMT 01:51:00 LAT 27 28.4 LON 95 47.2 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
-10.0	0.000	.023	-1.138	0.00	22.4	25.016	36.514	24.483	4.53	53.5	23.448	36.518	24.956	4.53
1.6	26.488	36.490	24.006	4.53	23.5	24.943	36.516	24.507	4.53	54.4	23.449	36.515	24.954	4.53
2.3	26.487	36.489	24.006	4.52	23.9	24.925	36.517	24.513	4.53	55.5	23.428	36.521	24.964	4.53
2.4	26.483	36.490	24.008	4.52	24.0	24.926	36.517	24.512	4.53	55.9	23.417	36.519	24.966	4.53
3.3	26.482	36.490	24.008	4.53	24.3	24.914	36.516	24.516	4.53	56.6	23.393	36.515	24.970	4.53
3.7	26.483	36.490	24.008	4.53	25.0	24.965	36.516	24.531	4.53	56.9	23.419	36.516	24.964	4.53
4.5	26.483	36.489	24.007	4.53	25.4	24.928	36.515	24.541	4.53	57.0	23.417	36.518	24.965	4.53
5.3	26.481	36.489	24.008	4.53	25.9	24.750	36.517	24.566	4.53	56.9	23.412	36.518	24.967	4.53
5.9	26.476	36.489	24.009	4.53	26.0	24.735	36.517	24.571	4.53	57.5	23.339	36.515	24.986	4.53
6.3	26.441	36.491	24.022	4.53	26.5	24.740	36.516	24.569	4.53	58.5	23.278	36.512	25.001	4.53
7.3	26.272	36.498	24.081	4.53	26.9	24.735	36.517	24.571	4.53	59.4	23.287	36.511	24.998	4.53
8.0	26.040	36.512	24.164	4.54	27.5	24.522	36.520	24.638	4.53	59.9	23.286	36.512	24.999	4.53
8.4	26.111	36.498	24.131	4.54	28.5	24.386	36.524	24.682	4.53	60.4	23.239	36.509	25.011	4.53
8.9	26.019	36.505	24.165	4.54	28.9	24.341	36.519	24.691	4.53	61.4	23.190	36.507	25.026	4.53
9.0	26.020	36.504	24.165	4.54	29.5	24.312	36.510	24.693	4.53	62.3	23.146	36.505	25.035	4.53
9.0	26.023	36.503	24.162	4.54	30.0	24.327	36.499	24.680	4.53	62.7	23.145	36.502	25.033	4.53
9.4	26.024	36.502	24.162	4.54	30.4	24.190	36.484	24.710	4.53	62.9	23.167	36.505	25.029	4.53
10.5	26.008	36.502	24.167	4.54	30.9	24.146	36.479	24.720	4.53	63.0	23.176	36.505	25.026	4.53
10.9	26.023	36.501	24.161	4.54	31.4	24.117	36.473	24.724	4.53	63.4	23.127	36.501	25.037	4.53
11.0	26.023	36.501	24.161	4.54	32.5	24.087	36.469	24.730	4.52	64.4	23.077	36.501	25.052	4.53
10.8	26.005	36.503	24.168	4.54	32.9	24.089	36.469	24.729	4.52	65.5	23.051	36.500	25.059	4.53
11.0	25.986	36.504	24.175	4.54	33.4	24.093	36.474	24.732	4.52	65.9	23.040	36.498	25.060	4.53
11.0	25.986	36.502	24.174	4.54	34.4	24.102	36.488	24.740	4.53	65.9	23.040	36.506	25.066	4.53
11.5	25.979	36.502	24.176	4.54	35.5	24.019	36.476	24.756	4.53	65.9	23.059	36.506	25.061	4.53
11.9	25.974	36.504	24.179	4.54	36.5	23.988	36.475	24.764	4.53	65.9	23.074	36.502	25.053	4.53
11.9	25.982	36.502	24.175	4.54	36.9	23.982	36.471	24.763	4.53	65.9	23.078	36.501	25.052	4.53
11.9	25.982	36.502	24.175	4.54	37.5	23.953	36.477	24.776	4.53	66.0	23.076	36.499	25.051	4.53
12.0	25.982	36.502	24.175	4.54	38.4	23.928	36.482	24.787	4.53	65.9	23.076	36.499	25.051	4.52
12.0	25.981	36.502	24.175	4.54	39.0	23.928	36.489	24.792	4.53	66.3	23.046	36.498	25.059	4.53
12.0	25.981	36.502	24.175	4.54	39.5	23.957	36.503	24.794	4.53	67.0	22.977	36.504	25.083	4.53
12.0	25.982	36.502	24.175	4.54	40.4	23.944	36.508	24.802	4.53	67.5	22.983	36.498	25.077	4.53
12.0	25.982	36.501	24.174	4.54	41.4	23.884	36.507	24.819	4.53	68.0	22.985	36.497	25.075	4.53
11.9	25.983	36.501	24.174	4.54	42.1	23.874	36.517	24.830	4.53	69.5	22.984	36.498	25.076	4.53
12.3	25.972	36.502	24.178	4.54	42.7	23.857	36.523	24.839	4.53	69.9	22.982	36.496	25.076	4.53
13.4	25.955	36.503	24.184	4.54	42.9	23.855	36.522	24.839	4.53	69.4	22.976	36.497	25.078	4.53
13.9	25.949	36.503	24.186	4.54	43.4	23.835	36.519	24.843	4.53	70.4	22.945	36.496	25.086	4.53
14.0	25.947	36.504	24.188	4.54	44.5	23.709	36.517	24.879	4.53	70.9	22.916	36.495	25.094	4.53
14.6	25.945	36.503	24.187	4.54	45.4	23.671	36.513	24.897	4.53	71.4	22.904	36.494	25.097	4.53
15.4	25.929	36.505	24.194	4.54	46.5	23.577	36.498	24.903	4.53	71.9	22.787	36.493	25.101	4.53
15.5	25.954	36.517	24.226	4.54	46.9	23.564	36.504	24.912	4.53	71.7	22.992	36.494	25.103	4.53
17.0	25.935	36.515	24.230	4.54	47.4	23.555	36.507	24.910	4.53	72.5	22.965	36.493	25.107	4.53
17.4	25.801	36.520	24.245	4.54	48.5	23.560	36.509	24.917	4.53	72.9	22.941	36.491	25.113	4.53
18.4	25.993	36.512	24.304	4.53	48.9	23.558	36.508	24.917	4.53	73.4	22.909	36.494	25.124	4.53
19.0	25.412	36.507	24.356	4.53	49.4	23.543	36.506	24.919	4.53	73.9	22.748	36.484	25.134	4.53
19.1	25.342	36.518	24.386	4.53	49.9	23.512	36.506	24.928	4.53	74.0	22.737	36.489	25.141	4.53
19.7	25.376	36.524	24.380	4.53	50.4	23.487	36.504	24.934	4.53	74.4	22.679	36.496	25.163	4.53
20.0	25.482	36.524	24.347	4.53	51.6	23.466	36.501	24.938	4.53	74.9	22.603	36.545	25.222	4.53
20.5	25.266	36.520	24.411	4.53	51.9	23.479	36.506	24.938	4.53	75.4	22.590	36.555	25.233	4.53
21.6	25.110	36.519	24.458	4.53	52.0	23.475	36.503	24.937	4.53	75.9	22.583	36.561	25.240	4.53
21.9	25.090	36.507	24.455	4.53	52.5	23.456	36.504	24.943	4.53	76.6	22.561	36.511	25.208	4.53







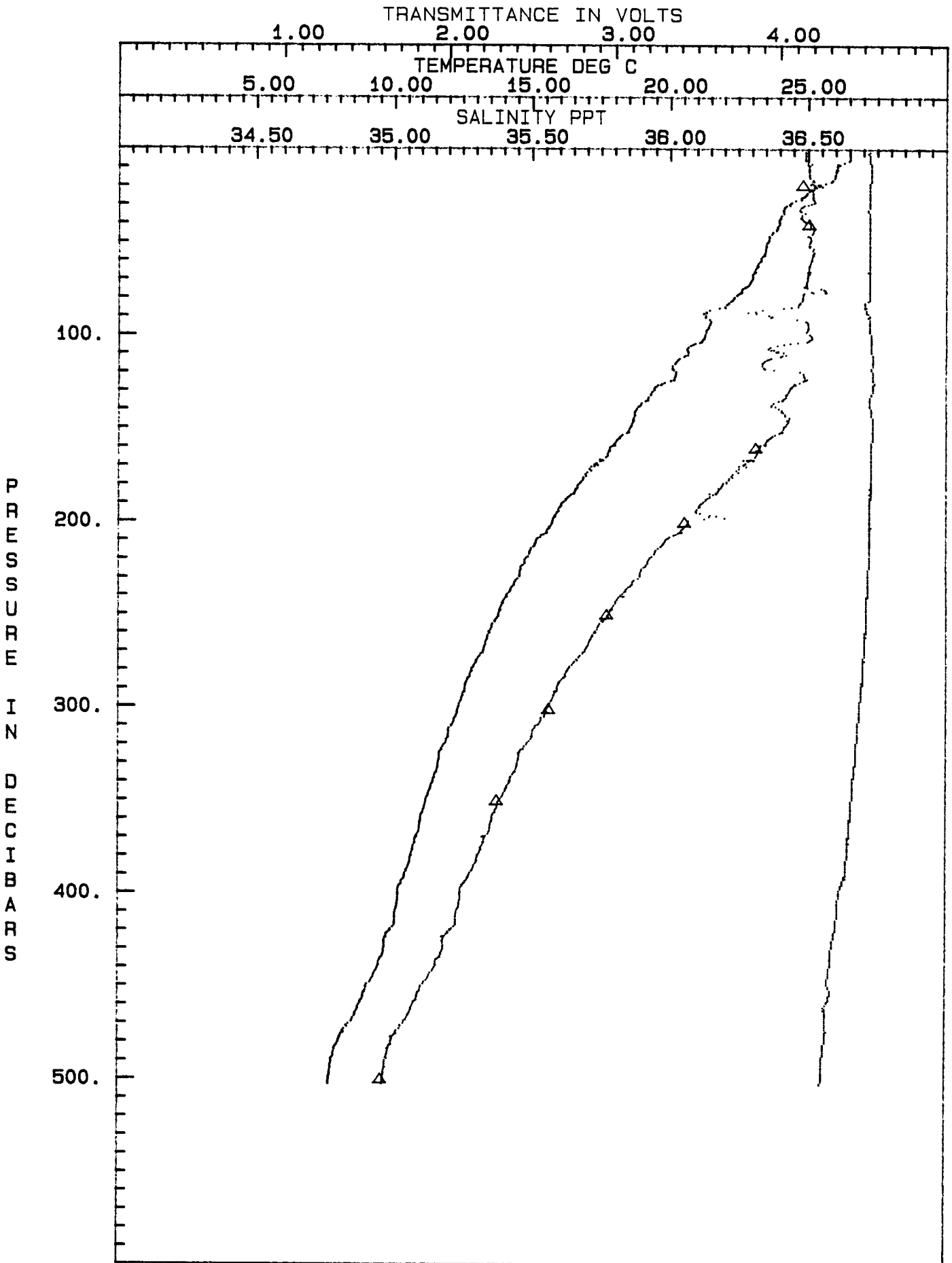


STATION N89G06\*08\*1

CRUISE 39G06 DATE 20 MAY GMT 01:51:00 LAT 27 28.4 LON 95 47.2 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
423.9	9.712	35.182	27.143	4.32	458.5	8.777	35.079	27.216	4.28	492.5	7.697	34.968	27.294	4.25
424.0	9.704	35.191	27.144	4.32	459.0	8.769	35.074	27.213	4.28	493.7	7.695	34.967	27.294	4.25
423.9	9.699	35.176	27.141	4.32	459.3	8.774	35.074	27.212	4.28	494.0	7.699	34.970	27.295	4.25
424.4	9.669	35.182	27.151	4.32	460.4	8.727	35.071	27.218	4.27	494.4	7.692	34.967	27.294	4.25
425.4	9.647	35.180	27.153	4.31	461.5	8.687	35.067	27.221	4.26	495.4	7.677	34.965	27.294	4.25
426.0	9.643	35.178	27.152	4.31	462.4	8.689	35.064	27.218	4.27	496.5	7.672	34.963	27.294	4.25
426.0	9.642	35.179	27.153	4.31	463.0	8.655	35.065	27.223	4.26	496.9	7.669	34.965	27.296	4.25
426.5	9.642	35.179	27.153	4.31	463.5	8.657	35.062	27.222	4.27	497.5	7.667	34.963	27.295	4.25
427.4	9.645	35.180	27.153	4.31	464.5	8.606	35.060	27.228	4.27	497.9	7.662	34.963	27.295	4.25
428.5	9.650	35.181	27.153	4.31	465.0	8.591	35.058	27.229	4.27	498.0	7.661	34.964	27.296	4.25
428.9	9.650	35.181	27.153	4.31	465.5	8.601	35.057	27.227	4.27	498.0	7.660	34.963	27.296	4.25
429.4	9.650	35.180	27.153	4.31	466.0	8.587	35.053	27.226	4.27	498.5	7.651	34.961	27.295	4.25
430.5	9.623	35.190	27.157	4.30	466.4	8.568	35.054	27.229	4.27	498.9	7.643	34.960	27.296	4.25
431.5	9.623	35.177	27.155	4.30	467.5	8.504	35.049	27.236	4.27	499.5	7.632	34.962	27.299	4.25
432.4	9.613	35.175	27.155	4.30	468.6	8.482	35.045	27.236	4.27	500.0	7.629	34.959	27.297	4.25
432.9	9.604	35.172	27.154	4.30	469.3	8.465	35.039	27.234	4.27	500.5	7.630	34.960	27.298	4.25
433.5	9.593	35.173	27.156	4.30	470.5	8.348	35.036	27.250	4.27	501.4	7.620	34.960	27.299	4.25
434.4	9.566	35.169	27.158	4.30	471.6	8.266	35.025	27.253	4.27	502.4	7.622	34.960	27.299	4.24
434.9	9.525	35.171	27.167	4.30	472.1	8.303	35.026	27.249	4.27	503.0	7.617	34.958	27.298	4.24
435.5	9.505	35.163	27.164	4.30	473.4	8.184	35.022	27.264	4.27					
436.0	9.490	35.150	27.164	4.30	474.5	8.135	35.011	27.262	4.28					
436.3	9.476	35.155	27.162	4.30	475.0	8.170	35.010	27.257	4.27					
437.4	9.440	35.153	27.166	4.30	475.4	8.170	35.008	27.255	4.27					
438.5	9.436	35.153	27.167	4.30	475.9	8.097	35.008	27.266	4.27					
438.9	9.434	35.153	27.167	4.30	476.2	8.085	35.011	27.270	4.27					
439.0	9.434	35.153	27.167	4.30	476.7	8.070	35.004	27.267	4.27					
439.4	9.427	35.154	27.169	4.30	477.5	8.042	34.999	27.267	4.27					
440.5	9.396	35.149	27.171	4.29	477.9	8.033	34.991	27.262	4.27					
441.5	9.371	35.145	27.171	4.29	478.4	8.015	34.994	27.267	4.27					
442.4	9.325	35.142	27.177	4.29	479.0	8.001	34.994	27.269	4.27					
443.4	9.281	35.134	27.178	4.29	479.5	7.991	34.994	27.271	4.27					
444.5	9.256	35.130	27.179	4.29	480.0	7.983	34.992	27.271	4.27					
445.5	9.249	35.128	27.178	4.29	480.4	7.973	34.992	27.272	4.27					
446.4	9.203	35.125	27.184	4.28	481.4	7.935	34.991	27.277	4.26					
447.4	9.160	35.120	27.187	4.28	481.9	7.914	34.990	27.279	4.26					
448.3	9.133	35.112	27.185	4.28	482.0	7.910	34.992	27.281	4.26					
449.4	9.015	35.108	27.201	4.28	482.4	7.890	34.984	27.278	4.26					
450.5	8.982	35.100	27.200	4.29	482.9	7.859	34.982	27.281	4.26					
451.3	8.984	35.098	27.198	4.29	483.4	7.845	34.982	27.283	4.26					
452.5	8.956	35.096	27.201	4.30	484.0	7.840	34.978	27.281	4.26					
453.0	8.944	35.096	27.203	4.30	484.0	7.835	34.978	27.281	4.26					
453.5	8.938	35.095	27.203	4.30	484.2	7.839	34.981	27.283	4.26					
453.9	8.907	35.090	27.204	4.30	485.4	7.814	34.979	27.285	4.26					
454.4	8.891	35.089	27.206	4.30	486.5	7.799	34.977	27.286	4.26					
455.0	8.879	35.087	27.206	4.30	487.3	7.803	34.976	27.285	4.26					
455.5	8.874	35.087	27.207	4.29	488.2	7.784	34.975	27.287	4.25					
456.0	8.872	35.085	27.206	4.29	488.9	7.754	34.972	27.289	4.25					
456.4	8.870	35.086	27.207	4.29	489.4	7.718	34.976	27.297	4.25					
457.4	8.851	35.083	27.208	4.29	490.5	7.731	34.969	27.290	4.25					
458.0	8.804	35.085	27.217	4.29	491.4	7.716	34.968	27.291	4.25					





CRUISE: 89G08    STATION: N89G08\*08\*1    DATE: 20 MAY  
 GMT: 01:51:00    LATITUDE: 27 28.4    LONGITUDE: 95 47.2  
 TRIANGLES DENOTE DISCRETE SAMPLES

STATION N89G06\*09\*1

CRUISE 39606 DATE 20 MAY GMT 05:13:00 LAT 27 32.5 LON 95 59.0 DEPTH OFFSET 10.

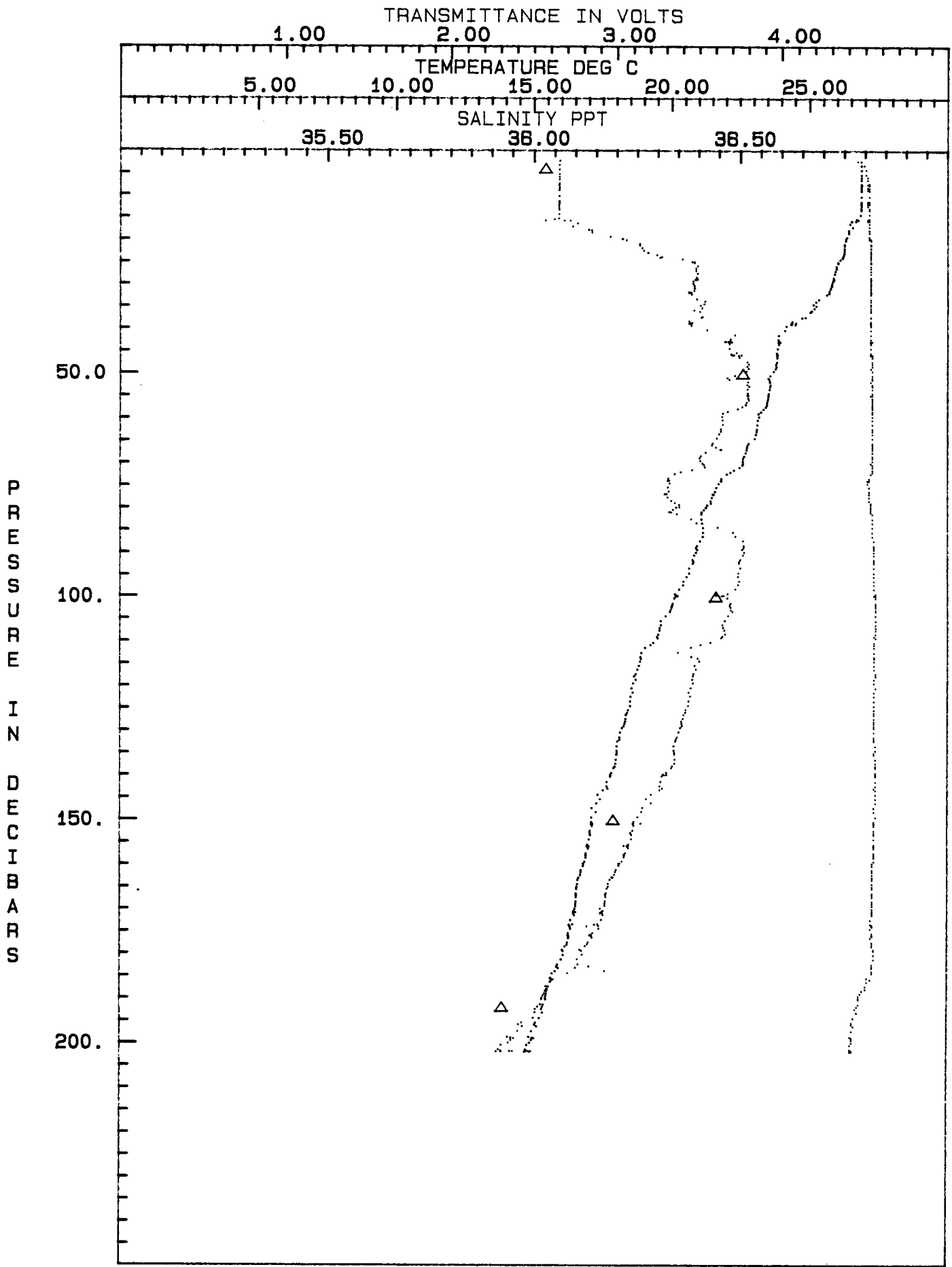
DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
-10.0	0.000	.023	-1.138	0.00	24.0	26.176	36.305	23.365	4.53	40.0	23.384	36.471	24.792	4.53
2.4	26.842	36.062	23.571	4.45	27.0	26.165	36.309	23.372	4.53	43.0	23.885	36.480	24.798	4.53
3.3	26.845	36.061	23.569	4.47	24.4	26.082	36.389	24.135	4.53	40.0	23.894	36.477	24.797	4.53
4.3	26.845	36.061	23.569	4.50	25.0	26.005	36.383	24.078	4.57	42.0	23.894	36.478	24.795	4.53
5.4	26.845	36.061	23.569	4.50	25.0	25.997	36.389	24.086	4.53	40.0	23.914	36.478	24.797	4.53
6.0	26.847	36.061	23.570	4.51	25.0	26.007	36.388	24.082	4.57	42.0	23.934	36.475	24.792	4.53
6.5	26.844	36.061	23.569	4.51	25.0	25.943	36.396	24.107	4.53	42.0	23.914	36.463	24.777	4.53
7.5	26.844	36.061	23.569	4.52	26.4	25.944	36.392	24.103	4.57	43.4	23.982	36.474	24.795	4.57
7.9	26.845	36.060	23.568	4.52	27.0	25.904	36.392	24.116	4.53	44.4	23.939	36.474	24.808	4.53
7.9	26.845	36.060	23.568	4.52	27.6	25.882	36.396	24.126	4.53	45.4	23.799	36.491	24.832	4.53
7.7	26.845	36.060	23.568	4.51	28.5	25.831	36.393	24.140	4.53	45.0	23.919	36.503	24.835	4.54
8.4	26.842	36.061	23.570	4.51	29.0	25.821	36.390	24.141	4.57	46.0	23.919	36.496	24.830	4.54
8.9	26.841	36.061	23.570	4.51	29.0	25.932	36.395	24.141	4.53	45.0	23.920	36.485	24.821	4.53
8.5	26.840	36.061	23.571	4.52	28.9	25.855	36.393	24.132	4.53	45.9	23.920	36.481	24.819	4.54
9.0	26.841	36.060	23.569	4.52	28.0	25.857	36.396	24.134	4.53	45.7	23.343	36.478	24.809	4.53
9.1	26.842	36.060	23.569	4.52	29.4	25.812	36.395	24.140	4.53	46.4	23.826	36.498	24.830	4.54
10.4	26.841	36.060	23.569	4.52	29.9	25.778	36.395	24.150	4.53	47.4	23.810	36.517	24.849	4.54
11.5	26.840	36.061	23.571	4.52	30.0	25.775	36.386	24.152	4.53	47.9	23.785	36.521	24.859	4.54
12.0	26.839	36.061	23.571	4.52	30.4	25.774	36.388	24.154	4.53	48.4	23.796	36.517	24.853	4.54
12.0	26.840	36.060	23.570	4.52	30.9	25.738	36.388	24.165	4.53	48.9	23.763	36.520	24.865	4.53
12.0	26.841	36.060	23.569	4.52	31.0	25.736	36.389	24.166	4.53	49.5	23.699	36.515	24.880	4.54
11.9	26.840	36.060	23.570	4.51	31.5	25.691	36.387	24.179	4.53	50.5	23.575	36.487	24.896	4.54
12.0	26.840	36.060	23.570	4.51	31.9	25.691	36.377	24.171	4.53	51.0	23.505	36.469	24.902	4.54
11.5	26.842	36.060	23.569	4.51	31.9	25.695	36.374	24.168	4.53	51.4	23.548	36.474	24.894	4.54
12.5	26.840	36.059	23.569	4.51	31.9	25.693	36.381	24.174	4.53	51.9	23.570	36.519	24.921	4.53
13.0	26.837	36.060	23.571	4.52	32.0	25.692	36.380	24.173	4.53	52.5	23.587	36.517	24.915	4.54
13.4	26.834	36.060	23.572	4.52	32.3	25.593	36.382	24.205	4.53	52.9	23.563	36.522	24.926	4.54
14.4	26.805	36.060	23.581	4.52	33.4	25.311	36.394	24.302	4.53	53.5	23.549	36.518	24.927	4.54
15.4	26.665	36.059	23.625	4.52	33.9	25.210	36.414	24.348	4.53	54.4	23.515	36.518	24.937	4.54
15.9	26.486	36.073	23.692	4.52	34.5	25.117	36.412	24.375	4.53	54.9	23.508	36.517	24.938	4.54
15.9	26.495	36.087	23.700	4.51	34.8	25.229	36.403	24.334	4.53	54.9	23.505	36.520	24.941	4.53
15.9	26.641	36.027	23.608	4.52	35.4	25.153	36.407	24.360	4.53	55.5	23.494	36.519	24.944	4.54
15.6	26.729	36.049	23.597	4.51	35.9	25.056	36.387	24.375	4.53	55.9	23.482	36.521	24.948	4.54
16.5	26.427	36.105	23.735	4.52	36.2	25.008	36.402	24.401	4.53	56.4	23.460	36.516	24.951	4.54
17.2	26.529	36.093	23.694	4.52	37.5	24.712	36.406	24.494	4.53	56.9	23.448	36.513	24.952	4.54
17.9	26.386	36.132	23.768	4.52	37.4	24.844	36.408	24.455	4.53	57.0	23.448	36.514	24.953	4.54
18.0	26.375	36.139	23.777	4.52	38.4	24.361	36.375	24.576	4.53	57.4	23.412	36.505	24.957	4.54
18.5	26.389	36.140	23.773	4.52	38.9	24.313	36.375	24.591	4.53	57.9	23.330	36.494	24.973	4.54
19.4	26.317	36.184	23.829	4.52	38.9	24.325	36.379	24.590	4.53	58.5	23.239	36.470	24.981	4.54
19.9	26.279	36.213	23.863	4.52	38.9	24.335	36.380	24.588	4.53	58.9	23.147	36.458	24.999	4.54
19.9	26.281	36.214	23.863	4.53	38.8	24.337	36.380	24.587	4.53	59.6	23.170	36.456	24.990	4.54
20.2	26.271	36.223	23.873	4.53	38.7	24.500	36.383	24.541	4.53	60.4	23.126	36.457	25.004	4.54
21.0	26.234	36.255	23.909	4.53	39.0	24.475	36.381	24.547	4.53	61.4	23.108	36.458	25.010	4.54
21.3	26.237	36.255	23.908	4.53	39.4	24.149	36.391	24.645	4.53	62.4	23.088	36.453	25.012	4.54
21.9	26.230	36.261	23.915	4.53	40.3	24.095	36.419	24.690	4.53	62.9	23.082	36.453	25.014	4.54
22.0	26.230	36.261	23.915	4.53	41.4	23.873	36.487	24.807	4.53	63.5	23.050	36.449	25.020	4.54
22.5	26.229	36.265	23.918	4.53	42.3	23.867	36.476	24.801	4.53	64.4	23.009	36.443	25.027	4.54
23.0	26.219	36.275	23.929	4.53	42.8	23.864	36.475	24.801	4.54	65.5	22.786	36.433	25.084	4.54
23.0	26.217	36.276	23.930	4.53	42.9	23.866	36.475	24.800	4.53	65.9	22.743	36.431	25.095	4.54
23.5	26.194	36.297	23.953	4.53	43.0	23.876	36.473	24.796	4.53	66.4	22.731	36.441	25.106	4.54

STATION H89G06\*09\*1

CRUISE 89G06 DATE 20 MAY GMT 05:13:00 LAT 27 32.5 LON 95 58.0 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
66.9	22.717	36.452	25.119	4.54	99.5	20.115	36.470	25.854	4.56	135.0	17.995	36.340	26.301	4.55
66.9	22.715	36.454	25.121	4.54	99.9	20.201	36.456	25.821	4.56	135.4	17.994	36.341	26.305	4.55
67.6	22.681	36.416	25.102	4.54	99.8	20.172	36.442	25.818	4.56	136.5	17.966	36.342	26.310	4.56
68.4	22.625	36.404	25.109	4.54	99.9	20.141	36.461	25.841	4.55	137.4	17.955	36.341	26.312	4.56
68.9	22.588	36.401	25.117	4.54	100.4	20.086	36.470	25.862	4.56	138.0	17.925	36.335	26.315	4.56
69.5	22.580	36.403	25.121	4.54	101.5	20.026	36.477	25.884	4.56	139.4	17.987	36.333	26.323	4.56
70.0	22.582	36.408	25.124	4.53	102.0	20.001	36.475	25.888	4.56	139.5	17.794	36.321	26.336	4.56
70.4	22.566	36.412	25.132	4.54	102.4	19.978	36.477	25.896	4.56	139.9	17.757	36.313	26.340	4.56
70.9	22.458	36.414	25.164	4.54	103.0	19.946	36.478	25.905	4.56	140.0	17.762	36.315	26.340	4.56
71.5	22.255	36.383	25.198	4.54	103.4	19.922	36.482	25.915	4.56	140.0	17.765	36.322	26.344	4.56
72.0	22.128	36.355	25.213	4.54	104.4	19.768	36.471	25.947	4.56	140.3	17.754	36.310	26.338	4.56
72.4	21.992	36.340	25.240	4.53	105.5	19.589	36.463	25.988	4.56	141.5	17.643	36.307	26.363	4.56
73.4	21.801	36.325	25.282	4.52	106.4	19.594	36.457	25.982	4.56	142.5	17.630	36.305	26.364	4.56
73.9	21.780	36.323	25.287	4.52	107.0	19.550	36.459	25.995	4.56	143.0	17.671	36.311	26.359	4.55
73.9	21.800	36.327	25.284	4.51	107.5	19.537	36.462	26.001	4.56	143.4	17.501	36.305	26.396	4.56
74.5	21.700	36.328	25.313	4.51	108.4	19.495	36.464	26.013	4.56	144.4	17.309	36.284	26.427	4.56
75.4	21.614	36.324	25.334	4.52	108.9	19.456	36.457	26.018	4.55	145.4	17.398	36.272	26.396	4.56
76.3	21.569	36.326	25.348	4.52	109.3	19.476	36.454	26.011	4.56	146.3	17.266	36.284	26.437	4.56
76.9	21.517	36.321	25.359	4.52	110.4	19.320	36.428	26.032	4.55	147.4	17.099	36.263	26.461	4.55
76.9	21.486	36.316	25.364	4.52	110.9	19.223	36.404	26.039	4.55	148.3	17.251	36.261	26.423	4.55
77.6	21.452	36.323	25.378	4.52	111.5	19.012	36.381	26.075	4.55	149.5	17.084	36.251	26.456	4.56
78.4	21.405	36.332	25.398	4.52	112.6	18.881	36.349	26.084	4.55	150.5	17.075	36.242	26.451	4.55
78.9	21.408	36.341	25.404	4.53	113.5	18.847	36.382	26.118	4.55	151.0	17.080	36.240	26.448	4.55
79.3	21.276	36.351	25.448	4.53	113.9	18.867	36.397	26.125	4.55	151.0	17.094	36.240	26.447	4.55
79.8	21.237	36.352	25.460	4.53	114.5	18.838	36.401	26.135	4.55	150.9	17.092	36.240	26.446	4.55
79.9	21.231	36.344	25.456	4.53	115.5	18.794	36.390	26.138	4.55	150.9	17.127	36.259	26.453	4.55
80.4	21.156	36.336	25.470	4.53	116.4	18.745	36.393	26.153	4.55	151.4	17.103	36.242	26.444	4.55
80.9	21.074	36.327	25.486	4.53	117.4	18.688	36.387	26.163	4.56	152.5	17.028	36.239	26.460	4.55
81.0	21.072	36.332	25.490	4.53	117.9	18.625	36.386	26.178	4.56	153.0	17.014	36.234	26.459	4.55
81.4	21.066	36.345	25.502	4.54	118.6	18.688	36.384	26.161	4.55	153.4	17.036	36.236	26.456	4.55
82.5	21.077	36.381	25.526	4.54	119.4	18.586	36.386	26.188	4.55	154.4	16.998	36.236	26.465	4.55
83.4	21.093	36.394	25.531	4.54	120.5	18.529	36.380	26.198	4.56	155.6	16.942	36.229	26.473	4.55
84.4	21.135	36.446	25.560	4.54	121.5	18.577	36.375	26.182	4.55	155.9	16.921	36.218	26.469	4.55
85.5	21.129	36.483	25.590	4.54	122.4	18.497	36.379	26.205	4.55	156.0	16.931	36.227	26.474	4.55
86.4	21.121	36.489	25.596	4.54	123.5	18.481	36.375	26.206	4.55	156.0	16.959	36.226	26.467	4.55
87.4	21.019	36.507	25.638	4.55	124.5	18.484	36.374	26.205	4.55	156.0	16.986	36.226	26.460	4.55
88.5	20.910	36.509	25.669	4.55	125.4	18.397	36.368	26.222	4.55	155.9	16.986	36.229	26.462	4.55
88.9	20.868	36.509	25.681	4.55	126.0	18.363	36.367	26.230	4.55	156.4	16.958	36.229	26.469	4.55
89.3	20.920	36.505	25.664	4.55	126.5	18.322	36.363	26.237	4.55	157.5	16.884	36.222	26.481	4.55
89.9	20.871	36.510	25.681	4.55	127.4	18.315	36.361	26.237	4.55	157.9	16.883	36.218	26.479	4.55
90.5	20.804	36.507	25.697	4.55	128.0	18.299	36.357	26.238	4.55	158.1	16.885	36.219	26.479	4.55
91.5	20.749	36.501	25.707	4.55	128.5	18.275	36.358	26.245	4.55	158.5	16.880	36.218	26.479	4.55
91.9	20.786	36.498	25.695	4.55	129.0	18.245	36.359	26.253	4.55	159.4	16.833	36.213	26.487	4.55
92.3	20.761	36.497	25.701	4.55	129.4	18.185	36.355	26.266	4.55	159.9	16.788	36.208	26.493	4.54
93.4	20.623	36.501	25.741	4.55	130.4	18.113	36.351	26.280	4.55	159.9	16.793	36.206	26.491	4.54
94.6	20.628	36.496	25.736	4.55	131.5	18.094	36.347	26.282	4.55	160.4	16.780	36.206	26.494	4.54
95.4	20.534	36.495	25.761	4.55	132.0	18.074	36.344	26.280	4.55	161.3	16.707	36.199	26.506	4.54
96.5	20.422	36.498	25.793	4.55	132.4	18.015	36.343	26.299	4.55	161.8	16.699	36.197	26.506	4.54
97.4	20.405	36.495	25.796	4.55	133.5	17.990	36.339	26.302	4.56	162.4	16.583	36.195	26.509	4.54
98.4	20.258	36.489	25.831	4.55	134.5	17.994	36.339	26.301	4.56	163.0	16.618	36.192	26.522	4.54





CRUISE: 89G06 STATION: N89G06\*09\*1 DATE: 20 MAY  
 GMT: 05: 13: 00 LATITUDE: 27 32.5 LONGITUDE: 95 58.0  
 TRIANGLES DENOTE DISCRETE SAMPLES

STATION N89G06\*10\*1

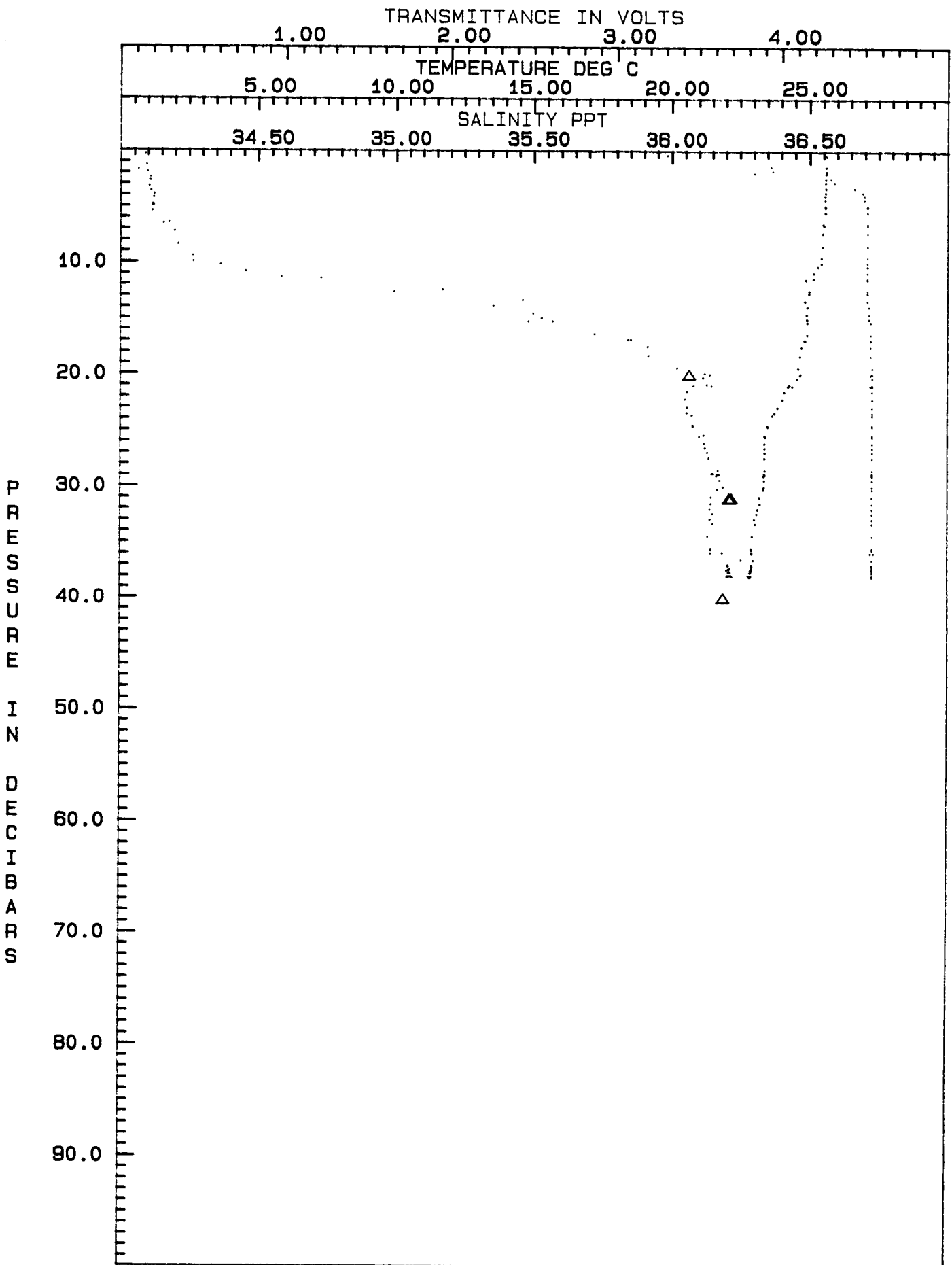
CRUISE 89G06

DATE 20 MAY GMT 13:16

LAT 27 37.5

LON 96 13.1 DEPTH OFFSET 13.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
-13.0	0.000	.023	-.138	0.00	22.2	24.018	36.049	24.432	4.54	37.9	22.877	36.207	24.887	4.54
.4	25.577	34.090	22.480	3.30	22.9	23.837	36.056	24.491	4.54	37.6	22.846	36.208	24.896	4.54
1.4	25.571	34.095	22.485	3.93	23.6	23.653	36.074	24.559	4.54	37.9	22.903	36.204	24.906	4.54
1.8	25.572	34.065	22.462	3.94	23.4	23.731	36.055	24.522	4.54					
2.0	25.564	34.099	22.490	3.83	24.5	23.474	36.077	24.614	4.54					
2.5	25.546	34.110	22.504	4.29	24.6	23.489	36.078	24.610	4.54					
2.9	25.549	34.109	22.502	4.31	25.4	23.369	36.117	24.675	4.54					
3.3	25.556	34.105	22.497	4.43	26.1	23.373	36.119	24.676	4.54					
3.7	25.547	34.111	22.505	4.48	25.5	23.403	36.100	24.652	4.54					
4.0	25.530	34.123	22.519	4.49	26.5	23.371	36.122	24.678	4.54					
4.3	25.532	34.121	22.517	4.49	26.9	23.376	36.131	24.684	4.54					
4.9	25.539	34.117	22.512	4.51	27.4	23.373	36.136	24.688	4.54					
4.9	25.538	34.118	22.513	4.51	28.5	23.381	36.170	24.712	4.54					
4.9	25.538	34.118	22.513	4.51	28.9	23.375	36.174	24.717	4.54					
5.0	25.540	34.116	22.510	4.51	28.9	23.375	36.166	24.710	4.54					
5.0	25.539	34.118	22.512	4.51	28.8	23.362	36.146	24.699	4.54					
5.0	25.536	34.120	22.515	4.51	28.8	23.355	36.152	24.706	4.54					
5.5	25.540	34.116	22.510	4.51	29.0	23.341	36.164	24.719	4.54					
5.5	25.542	34.115	22.509	4.51	29.4	23.364	36.176	24.722	4.54					
6.5	25.469	34.177	22.578	4.51	30.0	23.352	36.188	24.734	4.54					
6.6	25.495	34.157	22.555	4.51	30.2	23.325	36.167	24.726	4.54					
7.3	25.452	34.198	22.600	4.51	30.9	23.190	36.144	24.748	4.54					
8.5	25.439	34.211	22.613	4.51	31.5	23.197	36.144	24.746	4.54					
9.5	25.404	34.264	22.664	4.51	32.0	23.125	36.140	24.764	4.54					
10.0	25.400	34.266	22.667	4.51	32.4	23.091	36.150	24.781	4.54					
10.3	25.280	34.364	22.777	4.51	32.9	23.004	36.140	24.799	4.54					
10.9	25.131	34.455	22.892	4.51	33.3	23.042	36.151	24.796	4.54					
11.5	24.847	34.726	23.182	4.51	34.4	22.931	36.132	24.814	4.54					
11.4	25.120	34.583	22.992	4.51	35.5	22.893	36.143	24.833	4.54					
12.5	24.964	35.169	23.482	4.51	35.9	22.901	36.143	24.831	4.55					
12.7	24.960	34.993	23.350	4.51	35.6	22.902	36.144	24.832	4.54					
13.4	24.813	35.460	23.748	4.51	35.9	22.924	36.186	24.857	4.53					
13.9	24.907	35.354	23.639	4.52	36.5	22.959	36.255	24.899	4.54					
14.6	24.878	35.497	23.756	4.52	37.4	22.909	36.201	24.873	4.54					
15.0	24.891	35.528	23.776	4.52	37.9	22.875	36.207	24.887	4.54					
15.3	24.909	35.568	23.800	4.53	37.4	22.876	36.211	24.890	4.54					
15.3	24.909	35.480	23.734	4.53	38.0	22.869	36.222	24.900	4.54					
16.4	24.897	35.719	23.918	4.53	37.0	22.914	36.207	24.876	4.54					
16.9	24.822	35.840	24.032	4.53	37.2	22.914	36.214	24.881	4.54					
16.9	24.803	35.851	24.046	4.53	37.3	22.905	36.208	24.879	4.54					
17.5	24.692	35.912	24.126	4.53	37.0	22.913	36.207	24.876	4.54					
18.3	24.639	35.914	24.144	4.53	36.9	22.901	36.206	24.879	4.54					
19.4	24.578	36.020	24.242	4.54	37.6	22.875	36.215	24.893	4.54					
19.9	24.663	36.121	24.293	4.54	37.9	22.856	36.218	24.901	4.54					
20.0	24.648	36.140	24.312	4.53	37.3	22.884	36.210	24.887	4.54					
20.3	24.534	36.115	24.327	4.54	37.9	22.793	36.215	24.917	4.54					
20.9	24.259	36.129	24.421	4.54	37.9	22.808	36.204	24.904	4.54					
21.0	24.212	36.146	24.448	4.53	38.0	22.815	36.205	24.903	4.54					
21.0	24.369	36.080	24.351	4.54	38.0	22.836	36.204	24.896	4.54					
21.5	24.079	36.056	24.419	4.54	38.0	22.849	36.207	24.895	4.54					



CRUISE: 89G06 STATION: N89G06\*10\*1 DATE: 20 MAY  
 GMT: 13:16 LATITUDE: 27 37.5 LONGITUDE: 96 13.1  
 TRIANGLES DENOTE DISCRETE SAMPLES

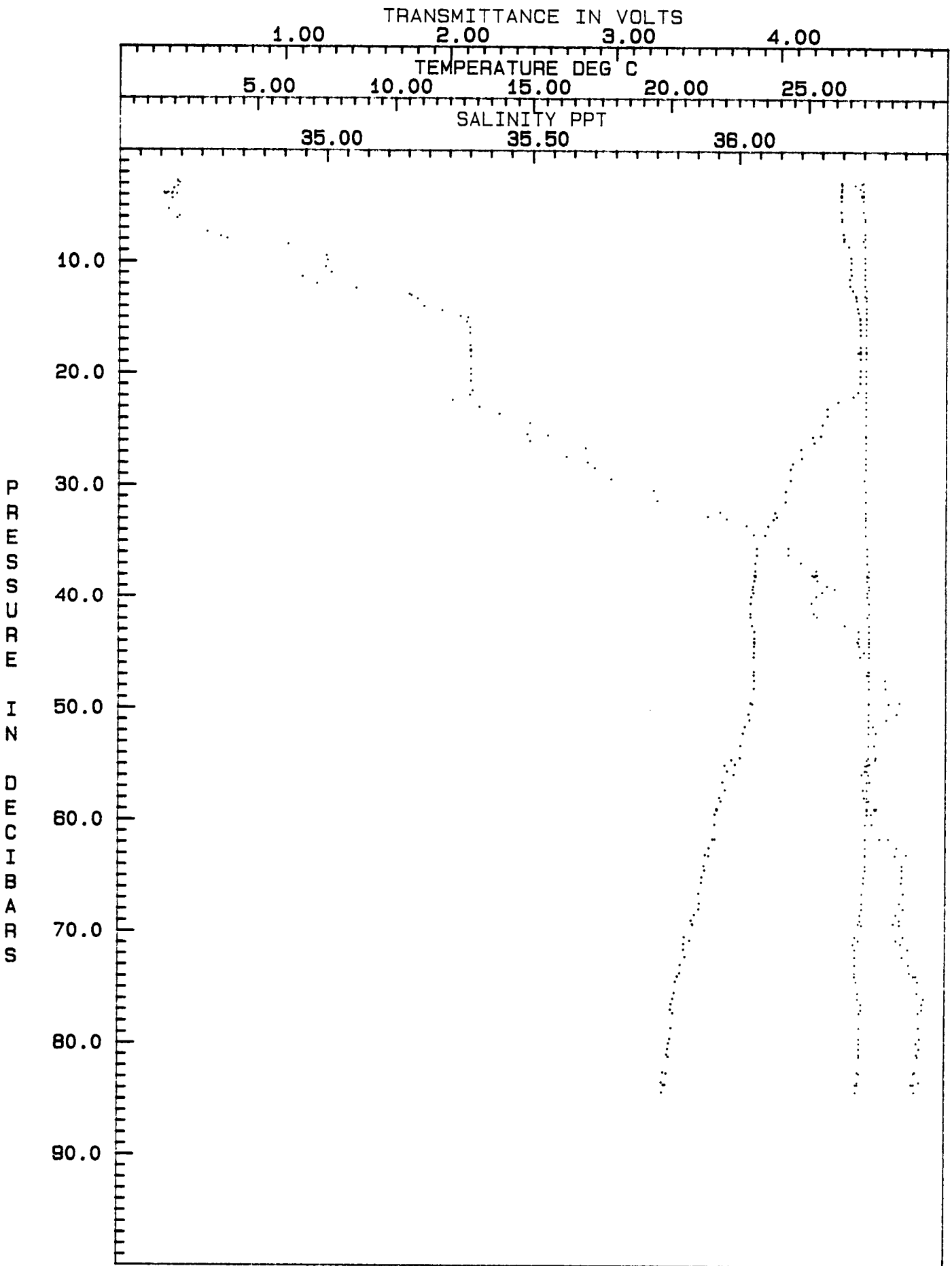
STATION N89G06\*10\*2

CRUISE 89G06 DATE 21 MAY GMT 01:16:00 LAT 27 38.6 LON 96 12.6 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
-10.0	0.000	34.023	22.138	0.00	17.9	26.260	35.350	23.028	4.51	43.6	23.063	36.289	24.895	4.53
3.0	26.173	34.646	22.714	4.44	18.0	26.859	35.351	23.029	4.51	43.9	23.058	36.286	24.894	4.53
2.9	26.167	34.642	22.713	4.49	17.9	26.859	35.351	23.029	4.51	44.0	23.060	36.287	24.894	4.53
2.8	26.169	34.641	22.712	4.49	18.0	26.859	35.350	23.029	4.47	43.9	23.064	36.286	24.892	4.53
3.3	26.172	34.642	22.712	4.47	18.0	26.859	35.350	23.029	4.46	44.3	23.050	36.290	24.900	4.53
3.9	26.145	34.618	22.702	4.49	18.5	26.861	35.351	23.029	4.51	44.9	23.046	36.302	24.910	4.53
3.9	26.132	34.608	22.698	4.49	19.5	26.859	35.351	23.029	4.51	45.3	23.044	36.292	24.903	4.53
4.0	26.135	34.610	22.699	4.48	20.1	26.852	35.351	23.031	4.51	46.6	23.048	36.312	24.917	4.53
4.0	26.141	34.614	22.700	4.48	20.7	26.848	35.351	23.033	4.51	46.9	23.049	36.309	24.914	4.53
3.9	26.141	34.615	22.701	4.48	21.5	26.776	35.355	23.059	4.51	47.4	23.060	36.353	24.944	4.53
3.5	26.162	34.632	22.707	4.49	21.9	26.804	35.349	23.109	4.51	48.1	23.053	36.354	24.947	4.53
3.9	26.161	34.629	22.705	4.49	22.4	26.051	35.307	23.248	4.51	49.4	22.934	36.388	25.007	4.53
4.0	26.160	34.627	22.704	4.49	23.0	25.674	35.372	23.417	4.51	49.5	22.998	36.362	24.969	4.53
3.9	26.160	34.628	22.705	4.49	23.6	25.673	35.420	23.454	4.51	50.4	22.864	36.391	25.022	4.53
3.5	26.161	34.633	22.708	4.49	24.4	25.505	35.494	23.562	4.51	50.9	22.897	36.356	24.994	4.53
4.0	26.161	34.639	22.713	4.49	25.5	25.155	35.537	23.702	4.51	51.5	22.738	36.324	25.016	4.53
4.4	26.153	34.628	22.707	4.49	25.4	25.445	35.487	23.575	4.51	52.1	22.662	36.331	25.043	4.53
5.4	26.142	34.619	22.704	4.49	26.0	25.207	35.494	23.653	4.51	53.2	22.580	36.327	25.063	4.53
6.0	26.177	34.646	22.713	4.50	26.6	24.733	35.628	23.899	4.51	54.5	22.244	36.330	25.161	4.52
6.2	26.167	34.640	22.712	4.50	27.4	24.759	35.582	23.856	4.51	55.0	21.999	36.310	25.215	4.51
7.4	26.236	34.713	22.745	4.50	27.9	24.442	35.633	23.990	4.51	54.9	22.378	36.316	25.113	4.53
8.0	26.250	34.761	22.777	4.49	28.4	24.359	35.650	24.028	4.51	54.3	22.562	36.331	25.071	4.53
7.8	26.254	34.746	22.764	4.50	29.4	24.357	35.690	24.059	4.50	55.5	22.089	36.305	25.186	4.52
8.5	26.430	34.907	22.930	4.50	30.4	24.188	35.793	24.188	4.51	55.8	22.339	36.297	25.109	4.53
9.5	26.503	34.999	22.877	4.50	31.3	24.180	35.802	24.197	4.51	56.5	21.926	36.316	25.240	4.52
9.9	26.516	35.002	22.875	4.50	32.3	23.802	35.955	24.425	4.51	57.2	22.015	36.300	25.203	4.52
10.5	26.501	34.997	22.876	4.50	32.7	23.872	35.925	24.382	4.51	57.9	21.809	36.303	25.263	4.52
11.0	26.518	35.011	22.881	4.50	32.9	23.746	35.971	24.454	4.51	58.2	21.861	36.314	25.257	4.52
11.4	26.457	34.941	22.848	4.50	33.5	23.556	36.019	24.546	4.51	58.9	21.725	36.331	25.308	4.52
12.0	26.476	34.976	22.868	4.50	34.3	23.445	36.037	24.592	4.51	58.9	21.707	36.328	25.311	4.52
12.4	26.574	35.071	22.909	4.51	35.5	23.150	36.120	24.742	4.52	58.9	21.701	36.333	25.317	4.52
12.9	26.697	35.201	22.971	4.50	36.1	23.152	36.120	24.741	4.52	59.0	21.713	36.331	25.312	4.52
13.0	26.698	35.206	22.971	4.51	36.8	23.098	36.150	24.779	4.52	58.9	21.729	36.332	25.308	4.52
13.3	26.714	35.221	22.978	4.51	37.5	23.097	36.187	24.808	4.53	59.0	21.723	36.330	25.308	4.52
14.0	26.750	35.237	22.978	4.51	37.9	23.068	36.190	24.819	4.52	59.0	21.710	36.329	25.311	4.52
14.4	26.787	35.281	23.000	4.51	37.9	23.077	36.186	24.813	4.52	59.4	21.642	36.320	25.323	4.52
14.9	26.844	35.326	23.015	4.51	38.0	23.089	36.181	24.806	4.53	60.3	21.635	36.322	25.327	4.51
15.0	26.840	35.344	23.030	4.51	38.0	23.108	36.184	24.802	4.52	61.6	21.560	36.362	25.378	4.51
15.4	26.849	35.341	23.025	4.51	37.9	23.115	36.177	24.795	4.52	61.6	21.649	36.340	25.336	4.51
15.9	26.859	35.349	23.028	4.51	37.9	23.096	36.187	24.808	4.52	62.4	21.430	36.382	25.429	4.51
16.4	26.858	35.349	23.028	4.51	38.4	23.058	36.190	24.821	4.52	63.0	21.291	36.406	25.486	4.51
17.5	26.861	35.350	23.028	4.51	38.9	23.017	36.213	24.851	4.53	63.1	21.418	36.378	25.430	4.51
17.9	26.962	35.351	23.028	4.51	39.2	22.996	36.231	24.871	4.53	64.0	21.246	36.395	25.490	4.51
18.0	26.861	35.351	23.029	4.51	39.5	23.029	36.201	24.838	4.52	64.4	21.278	36.395	25.481	4.51
18.0	26.861	35.351	23.029	4.51	39.9	22.949	36.187	24.951	4.52	65.0	21.170	36.395	25.511	4.50
18.0	26.862	35.351	23.028	4.51	40.5	22.936	36.176	24.846	4.53	65.5	21.153	36.393	25.514	4.50
17.9	26.862	35.351	23.028	4.51	41.4	22.922	36.181	24.854	4.53	66.5	21.059	36.398	25.544	4.49
18.0	26.861	35.351	23.029	4.51	41.7	22.927	36.189	24.859	4.52	67.4	21.087	36.389	25.529	4.49
17.9	26.862	35.351	23.028	4.51	42.5	22.932	36.255	24.893	4.53	67.9	21.069	36.398	25.541	4.49
17.9	26.862	35.351	23.028	4.51	43.0	23.062	36.288	24.895	4.53	68.4	20.910	36.380	25.571	4.48







CRUISE: 89G06  
 GMT: 01: 18: 00

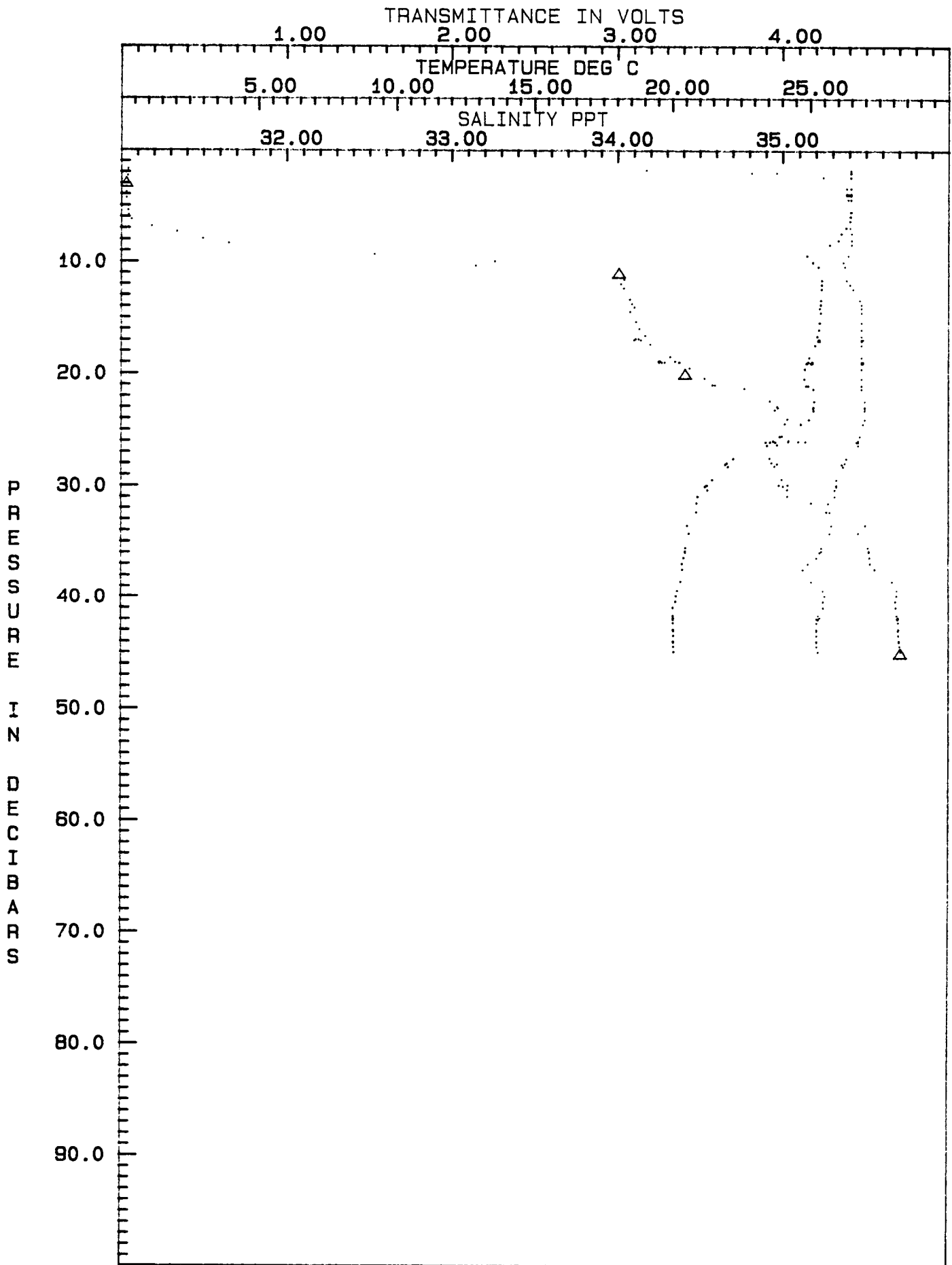
STATION: N89G06\*10\*2  
 LATITUDE: 27 38.6

DATE: 21 MAY  
 LONGITUDE: 96 12.6

STATION 189906\*11\*1

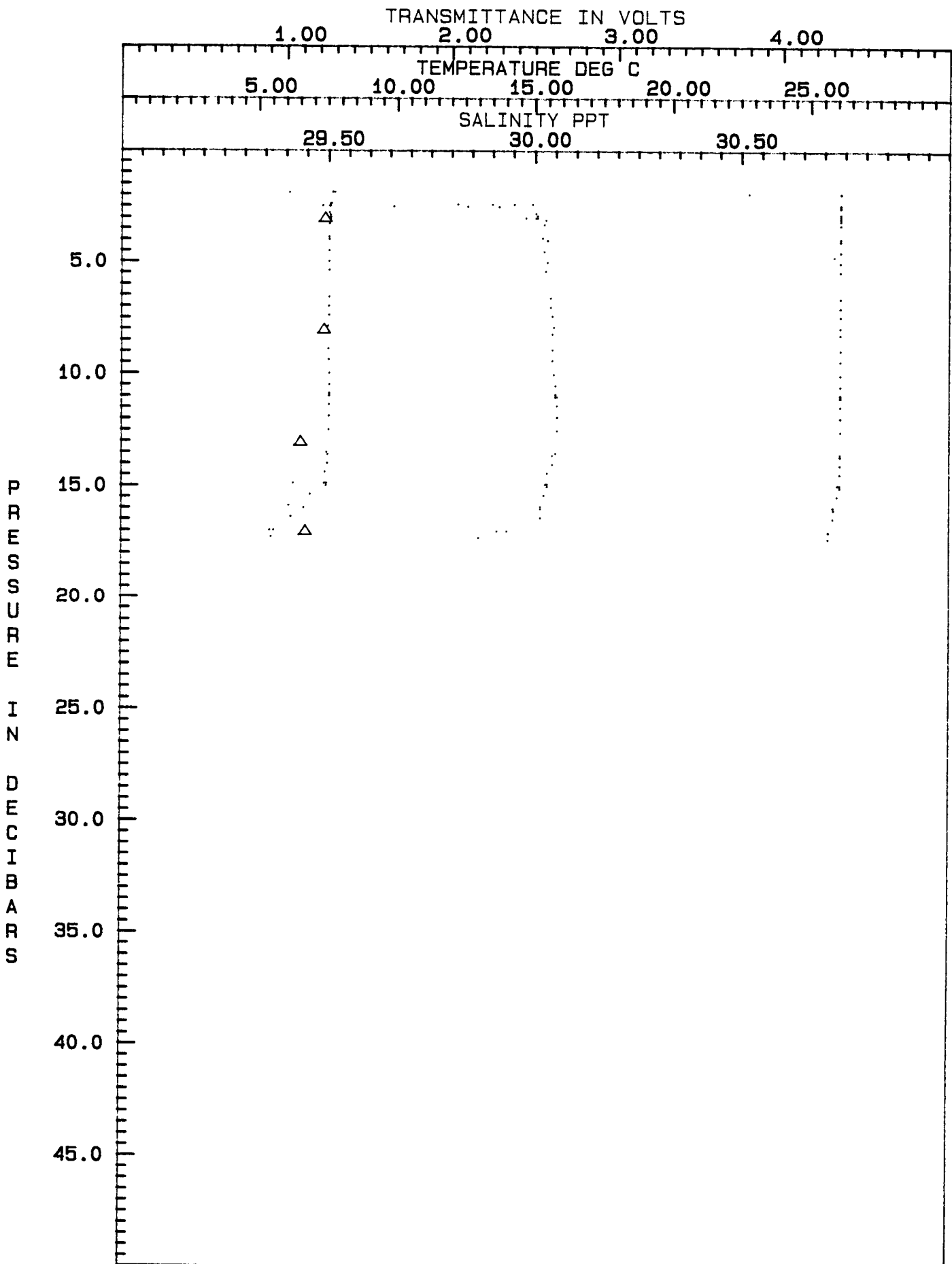
CRUISE 19686 DATE 21 MAY GMT 05:31:00 LAT 27 43.1 LON 126 20.3 DEPTH OFFSET 10.

DEPTH	TEMP	SALT	SIGMA-T	NSM	DEPTH	TEMP	SALT	SIGMA-T	NSM	DEPTH	TEMP	SALT	SIGMA-T	NSM
10.0	26.499	31.023	19.138	3.00	19.0	26.162	34.250	22.758	4.46	41.9	20.010	35.690	25.287	4.21
1.8	26.444	31.042	19.916	3.17	19.0	26.033	34.267	22.779	4.46	41.9	20.009	35.691	25.288	4.21
2.0	26.443	31.041	19.915	3.96	19.8	24.797	34.438	22.990	4.47	41.9	20.011	35.692	25.288	4.20
2.0	26.443	31.044	19.917	3.81	20.4	24.771	34.529	23.057	4.47	42.3	20.012	35.695	25.290	4.20
2.4	26.445	31.039	19.913	4.24	21.0	24.841	34.593	23.094	4.47	42.9	20.010	35.697	25.292	4.20
3.4	26.450	31.029	19.904	4.38	21.0	24.916	34.577	23.049	4.47	42.9	20.012	35.697	25.292	4.20
3.9	26.450	31.031	19.905	4.39	21.3	25.106	34.771	23.138	4.47	43.0	20.024	35.696	25.288	4.20
3.9	26.450	31.031	19.905	4.39	22.4	25.131	34.925	23.247	4.49	43.4	20.024	35.696	25.288	4.20
4.0	26.450	31.031	19.905	4.40	22.9	25.129	34.767	23.126	4.49	43.9	20.019	35.701	25.293	4.20
4.0	26.452	31.030	19.904	4.39	23.0	25.092	34.773	23.092	4.49	43.9	20.019	35.700	25.292	4.20
4.0	26.452	31.030	19.904	4.39	23.2	25.117	34.754	23.076	4.49	44.0	20.020	35.700	25.291	4.20
4.0	26.451	31.030	19.904	4.38	24.0	24.932	35.030	23.335	4.49	44.0	20.020	35.700	25.291	4.20
3.9	26.449	31.032	19.906	4.38	24.4	24.947	35.115	23.461	4.48	43.9	20.021	35.701	25.292	4.20
3.9	26.449	31.032	19.906	4.38	25.5	23.897	34.997	23.671	4.46	44.4	20.026	35.704	25.293	4.20
3.9	26.450	31.031	19.905	4.38	26.0	23.735	35.035	23.748	4.45	44.9	20.034	35.710	25.296	4.21
4.4	26.448	31.033	19.908	4.39	25.9	23.656	35.038	23.723	4.45					
5.5	26.433	31.043	19.920	4.41	26.0	23.546	35.095	23.849	4.44					
5.9	26.431	31.046	19.922	4.40	26.0	23.384	35.137	23.928	4.45					
6.3	26.410	31.065	19.943	4.40	26.3	23.431	34.967	23.795	4.45					
6.9	26.263	31.187	20.081	4.40	27.5	22.210	34.923	24.102	4.38					
7.4	26.100	31.340	20.246	4.41	27.9	21.967	34.934	24.178	4.37					
8.0	25.993	31.496	20.396	4.41	28.0	21.915	34.967	24.218	4.35					
8.4	25.682	31.652	20.609	4.41	28.2	22.014	34.952	24.179	4.36					
9.4	24.869	32.529	21.516	4.39	29.4	21.442	34.996	24.371	4.32					
10.0	25.079	33.261	22.006	4.36	29.9	21.248	35.033	24.453	4.32					
10.4	25.284	33.145	21.956	4.37	29.9	21.221	34.978	24.418	4.32					
11.6	25.401	34.039	22.495	4.38	30.0	21.179	35.004	24.449	4.32					
12.0	25.398	34.019	22.481	4.40	30.3	21.268	35.030	24.445	4.31					
12.4	25.390	34.037	22.497	4.42	30.9	20.911	35.030	24.542	4.31					
13.4	25.366	34.074	22.532	4.46	31.5	20.866	35.173	24.663	4.27					
13.8	25.356	34.086	22.544	4.47	32.3	20.854	35.264	24.736	4.28					
14.5	25.359	34.075	22.535	4.47	33.5	20.518	35.498	25.005	4.29					
14.1	25.332	34.100	22.562	4.47	34.2	20.584	35.455	24.955	4.28					
15.4	25.318	34.111	22.575	4.47	35.5	20.457	35.514	25.033	4.23					
16.0	25.292	34.131	22.598	4.47	35.8	20.450	35.519	25.040	4.23					
16.6	25.240	34.166	22.640	4.47	35.9	20.447	35.519	25.040	4.22					
16.9	25.313	34.107	22.573	4.47	36.4	20.396	35.523	25.057	4.20					
17.0	25.327	34.099	22.563	4.47	36.9	20.340	35.527	25.075	4.15					
16.9	25.291	34.126	22.594	4.48	37.4	20.345	35.555	25.095	4.12					
17.0	25.272	34.140	22.611	4.47	38.5	20.285	35.659	25.190	4.17					
17.4	25.159	34.198	22.689	4.47	39.4	20.166	35.688	25.244	4.24					
18.5	24.947	34.319	22.845	4.47	39.9	20.122	35.685	25.253	4.25					
19.0	24.859	34.376	22.914	4.48	40.4	20.102	35.678	25.253	4.24					
19.0	24.865	34.372	22.909	4.47	40.9	20.003	35.681	25.282	4.24					
19.0	24.859	34.376	22.914	4.47	41.6	20.006	35.686	25.295	4.21					
18.9	24.917	34.348	22.875	4.48	41.8	20.009	35.694	25.290	4.22					
19.0	25.009	34.285	22.800	4.47	41.9	20.008	35.695	25.291	4.21					
18.9	25.055	34.255	22.763	4.48	41.9	20.013	35.688	25.294	4.21					
18.9	25.049	34.258	22.768	4.47	41.9	20.012	35.690	25.286	4.20					
18.9	25.068	34.248	22.754	4.48	42.0	20.011	35.692	25.288	4.21					



CRUISE: 89G08 STATION: N89G08\*11\*1 DATE: 21 MAY  
 GMT: 05: 31: 00 LATITUDE: 27 43.1 LONGITUDE: 96 32.3  
 TRIANGLES DENOTE DISCRETE SAMPLES





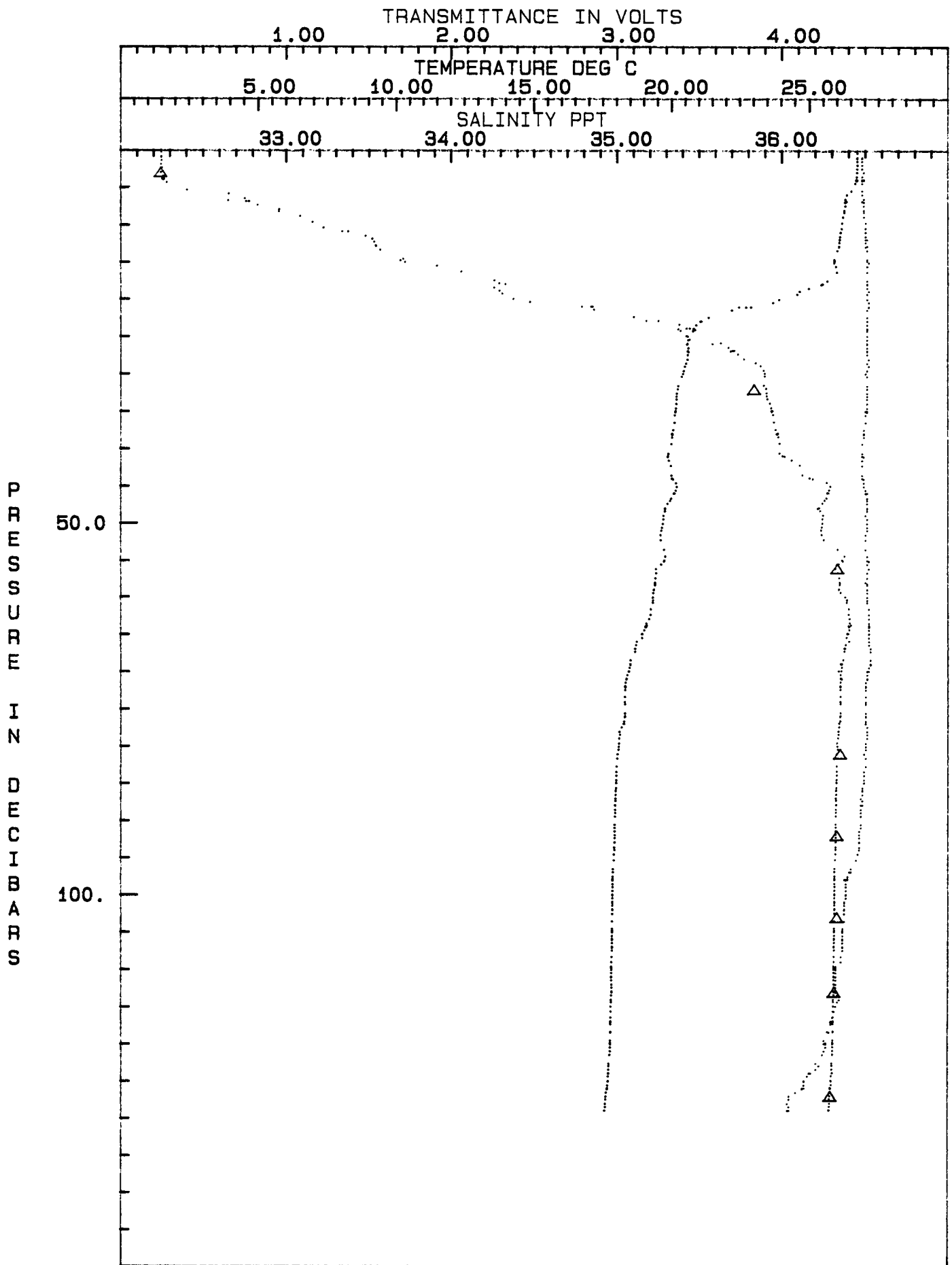
CRUISE: 89G08      STATION: N89G08\*12\*1      DATE: 21 MAY  
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 TRIANGLES DENOTE DISCRETE SAMPLES







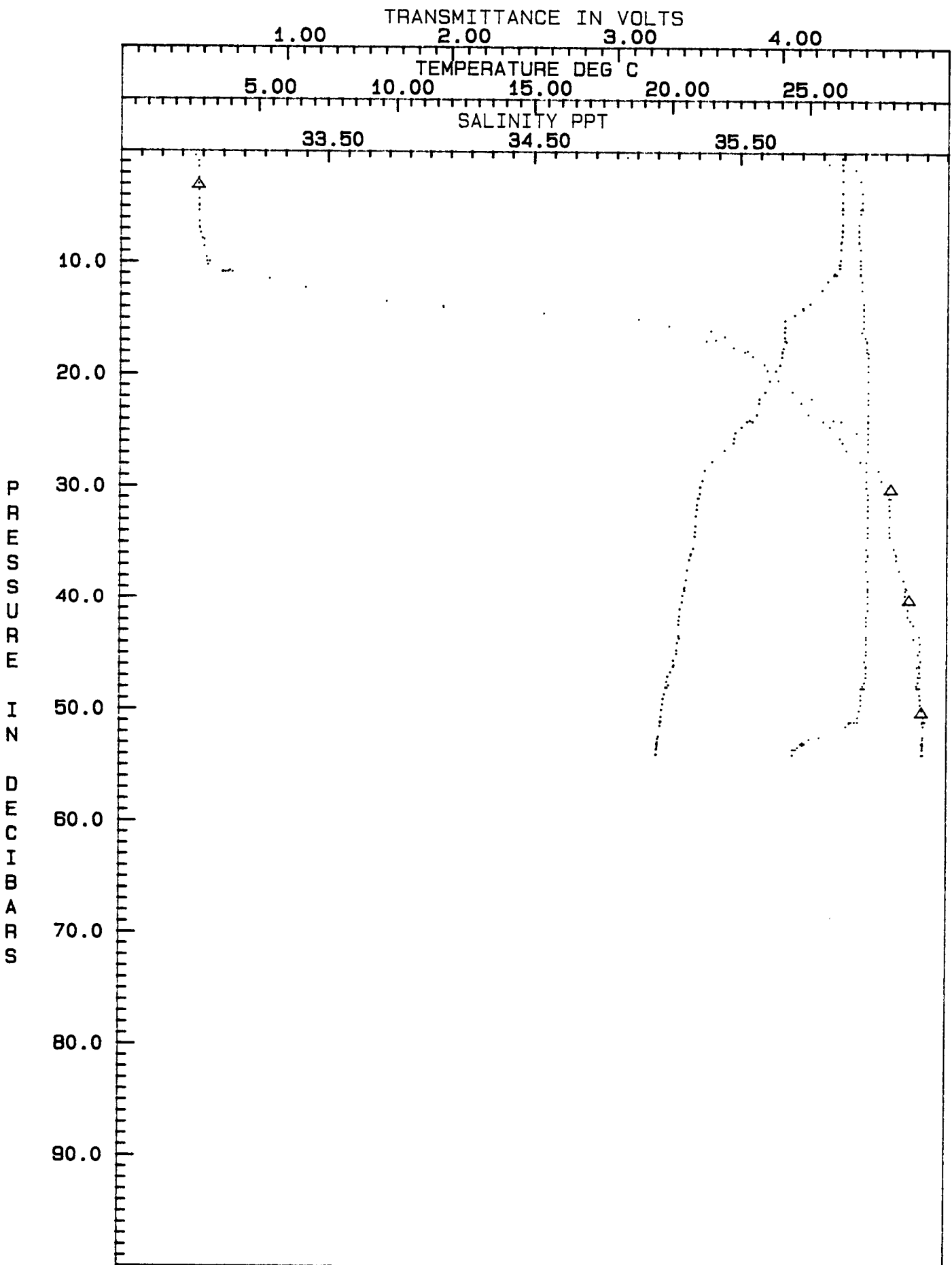




CRUISE: 89G06 STATION: N89G06\*13\*1 DATE: 22 MAY  
 GMT: 06:01:00 LATITUDE: 27 57.7 LONGITUDE: 94 23.9  
 TRIANGLES DENOTE DISCRETE SAMPLES

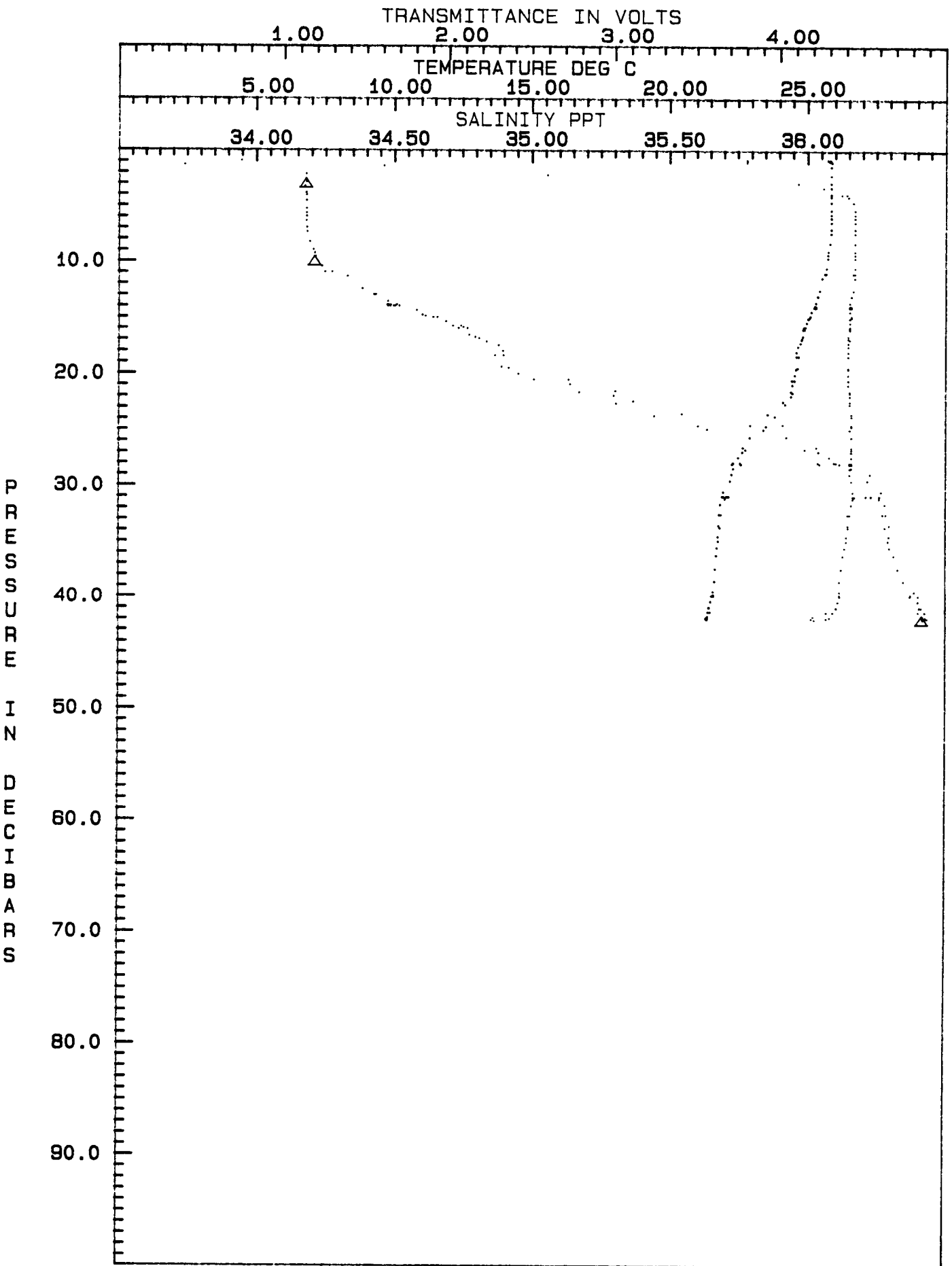






CRUISE: 89G06 STATION: N89G06\*14\*1 DATE: 22 MAY  
 GMT: 12:39:00 LATITUDE: 28 17.1 LONGITUDE: 93 37.1  
 TRIANGLES DENOTE DISCRETE SAMPLES





CRUISE: 89G06 STATION: N89G06\*15\*1 DATE: 22 MAY  
 GMT: 17:32:00 LATITUDE: 28 29.0 LONGITUDE: 92 59.5  
 TRIANGLES DENOTE DISCRETE SAMPLES





TRANSMITTANCE IN VOLTS

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4.00

TEMPERATURE DEG C

5.00

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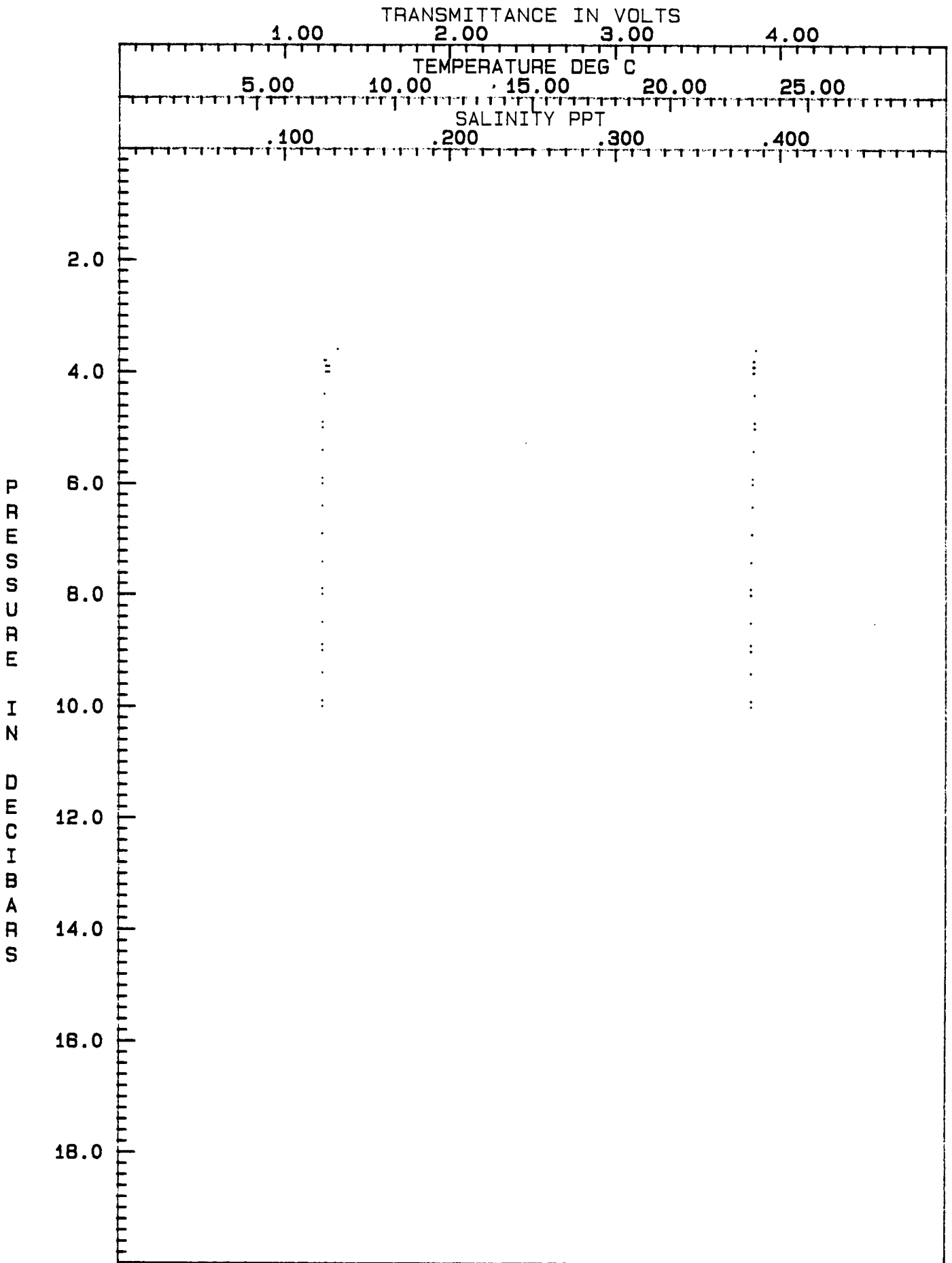
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CRUISE: 89G06 STATION: N89G06\*16\*1 DATE: 23 MAY  
GMT: 12:08:00 LATITUDE: 29 12.9 LONGITUDE: 91 28.3  
TRIANGLES DENOTE DISCRETE SAMPLES



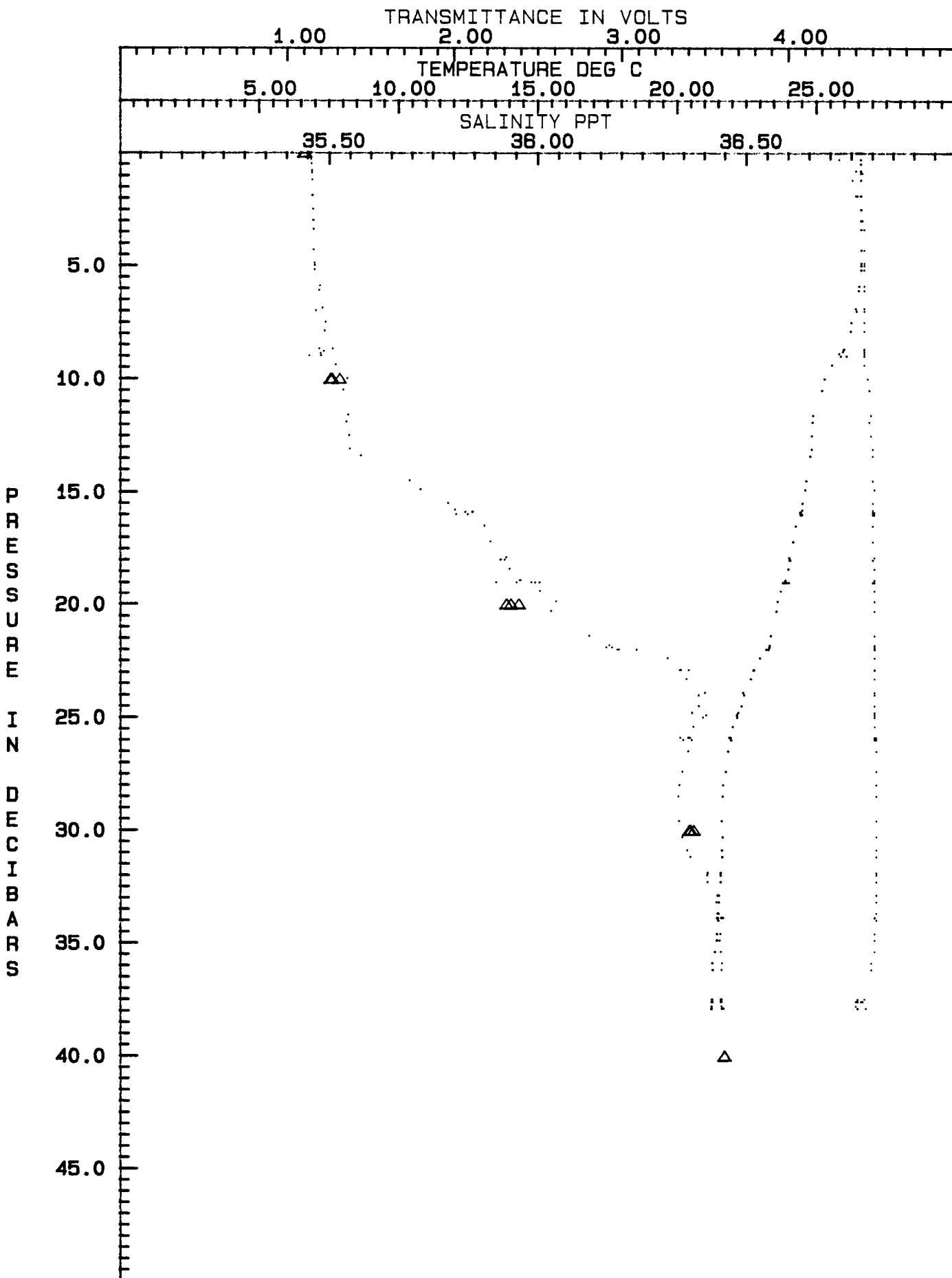


CRUISE: 89G08 STATION: N89G08\*17\*1 DATE: 23 MAY  
 GMT: 17:22:00 LATITUDE: 29 28.9 LONGITUDE: 91 16.6  
 TRIANGLES DENOTE DISCRETE SAMPLES

STATION N9936e+18\*1 CRUISE 9906 DATE 24 MAY GMT 04:45:00 LAT 28 39.0 LON 91 30.0 DEPTH OFFSET 13.

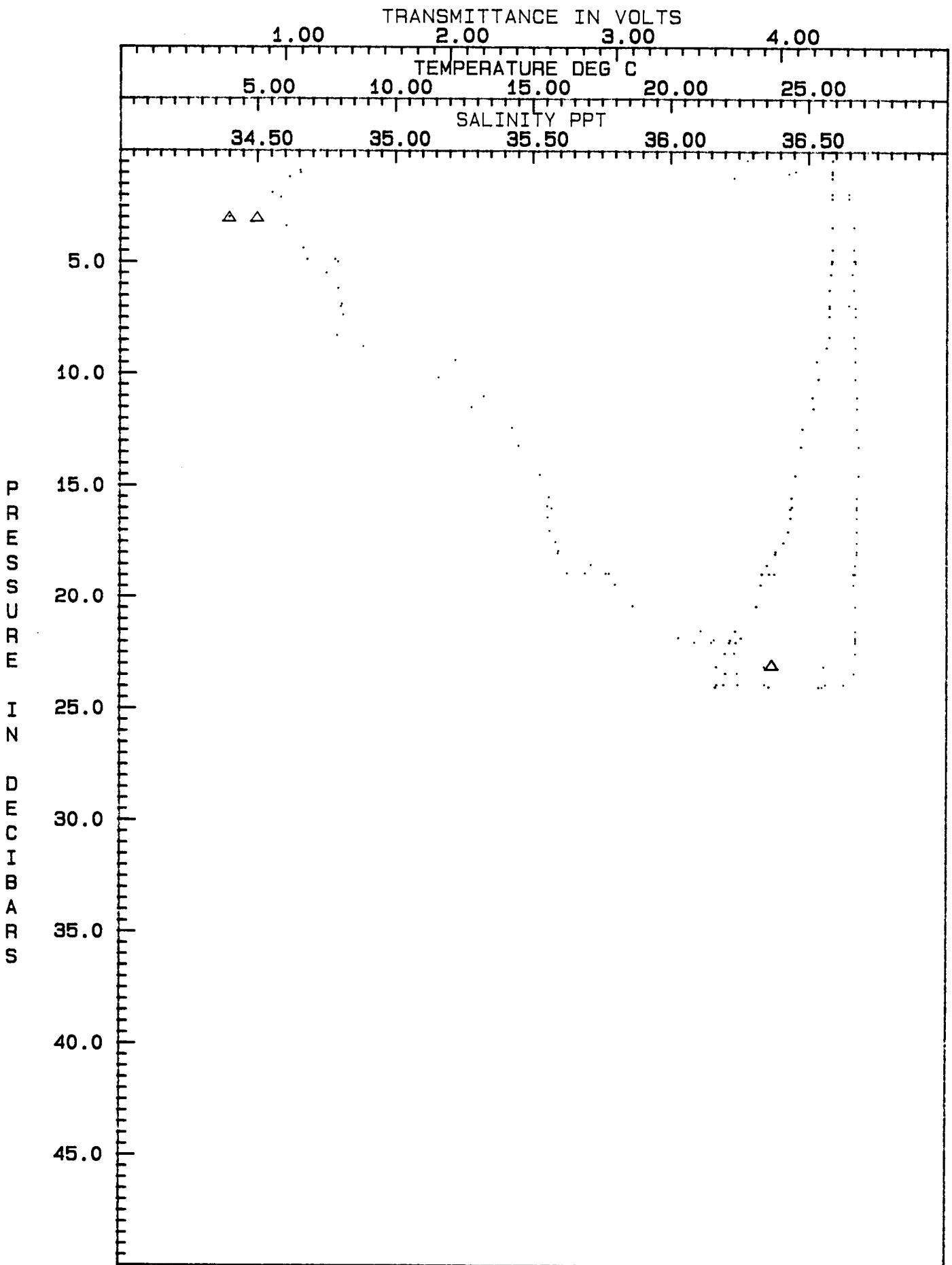
DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM	DEPTH	TEMP	SALT	SIGMA-T	XSM
-13.0	0.000	35.407	23.178	0.00	6.9	26.797	35.484	23.279	4.45	22.0	23.071	36.189	24.759	4.51
-1.1	26.560	35.457	23.203	4.35	7.0	26.419	35.469	23.257	4.45	22.0	23.196	36.235	24.815	4.51
-1.1	26.560	35.457	23.204	4.40	7.5	26.234	35.491	23.233	4.45	22.4	22.763	36.310	24.940	4.51
0.0	26.561	35.412	23.170	4.25	7.9	26.207	35.489	23.239	4.45	22.9	22.761	36.342	25.022	4.51
0.0	26.562	35.456	23.203	4.33	8.7	25.970	35.519	23.228	4.45	22.9	22.764	36.339	25.019	4.51
0.0	26.562	35.456	23.203	4.15	9.0	26.066	35.452	23.256	4.45	22.9	22.738	36.361	25.043	4.51
0.0	26.562	35.456	23.203	4.71	8.3	25.926	35.487	23.426	4.45	23.3	22.643	36.355	25.067	4.51
-1.1	26.562	35.456	23.203	4.33	8.7	25.953	35.476	23.409	4.45	24.0	22.405	36.385	25.157	4.51
-1.1	26.562	35.455	23.202	4.33	9.0	25.853	35.430	23.443	4.45	23.9	22.365	36.400	25.180	4.51
-1.1	26.562	35.456	23.203	4.40	8.9	25.796	35.479	23.460	4.45	24.5	22.308	36.395	25.185	4.51
-1.1	26.562	35.456	23.203	4.43	9.4	25.536	35.515	23.568	4.45	24.8	22.208	36.369	25.207	4.51
0.0	26.562	35.456	23.203	4.25	10.0	25.279	35.543	23.668	4.47	25.0	22.146	36.395	25.239	4.51
0.0	26.562	35.456	23.203	4.41	10.5	25.189	35.533	23.488	4.48	24.9	22.142	36.403	25.246	4.51
-2.2	26.562	35.456	23.203	4.40	11.6	24.874	35.545	23.797	4.49	25.4	21.994	36.372	25.264	4.51
0.0	26.562	35.456	23.203	4.42	11.9	24.850	35.541	23.798	4.48	25.9	21.872	36.359	25.288	4.51
-1.1	26.562	35.456	23.203	4.43	12.5	24.821	35.547	23.811	4.49	25.9	21.895	36.340	25.269	4.52
-1.1	26.562	35.456	23.203	4.43	13.1	24.818	35.549	23.813	4.50	26.0	21.837	36.368	25.277	4.52
-1.1	26.562	35.456	23.203	4.43	13.4	24.766	35.575	23.849	4.50	26.0	21.940	36.347	25.260	4.51
-1.1	26.562	35.456	23.203	4.43	14.5	24.629	35.693	23.930	4.50	25.9	21.924	36.364	25.278	4.51
0.0	26.562	35.456	23.203	4.42	14.9	24.583	35.719	24.013	4.51	26.5	21.821	36.359	25.303	4.52
-1.1	26.562	35.456	23.203	4.43	15.5	24.497	35.786	24.090	4.50	27.4	21.746	36.345	25.313	4.52
0.0	26.562	35.456	23.203	4.44	15.9	24.407	35.844	24.161	4.50	28.0	21.639	36.338	25.338	4.52
0.0	26.562	35.456	23.203	4.44	15.9	24.406	35.845	24.162	4.51	28.5	21.529	36.335	25.339	4.52
-1.1	26.562	35.456	23.203	4.44	16.0	24.425	35.833	24.147	4.51	29.6	21.591	36.337	25.350	4.52
-2.2	26.561	35.456	23.203	4.44	16.0	24.470	35.805	24.112	4.50	30.3	21.523	36.345	25.348	4.52
-1.1	26.561	35.457	23.204	4.44	15.8	24.484	35.802	24.106	4.50	30.9	21.596	36.357	25.364	4.52
0.0	26.561	35.457	23.204	4.43	15.9	24.429	35.827	24.141	4.50	31.2	21.614	36.365	25.365	4.52
-1.1	26.561	35.457	23.204	4.42	16.5	24.250	35.973	24.230	4.50	31.9	21.554	36.407	25.414	4.52
-1.1	26.565	35.457	23.203	4.43	17.2	24.154	35.897	24.269	4.50	32.0	21.556	36.405	25.412	4.52
-1.1	26.566	35.456	23.201	4.29	18.0	24.024	35.921	24.333	4.50	31.9	21.553	36.406	25.414	4.52
0.0	26.566	35.457	23.202	4.40	17.9	24.020	35.925	24.338	4.51	31.9	21.554	36.407	25.414	4.52
0.0	26.566	35.458	23.203	4.37	18.0	24.059	35.911	24.316	4.50	31.9	21.555	36.406	25.413	4.52
.5	26.572	35.458	23.201	4.43	18.0	24.057	35.911	24.316	4.50	32.3	21.556	36.406	25.413	4.52
.9	26.575	35.459	23.201	4.44	18.4	23.985	35.933	24.354	4.51	32.9	21.490	36.430	25.449	4.52
.8	26.572	35.459	23.202	4.40	19.0	23.909	36.004	24.460	4.51	32.9	21.482	36.430	25.451	4.52
.3	26.567	35.457	23.202	4.30	19.0	23.801	36.004	24.462	4.51	32.9	21.474	36.433	25.456	4.52
1.2	26.573	35.460	23.202	4.38	19.0	23.810	35.993	24.451	4.51	33.2	21.490	36.427	25.447	4.52
1.9	26.578	35.461	23.202	4.41	19.0	23.843	35.994	24.435	4.51	33.9	21.421	36.440	25.476	4.51
1.9	26.575	35.460	23.202	4.41	19.0	24.006	35.901	24.724	4.50	33.9	21.432	36.438	25.471	4.51
1.9	26.575	35.461	23.202	4.40	19.0	23.917	35.950	24.387	4.50	33.9	21.442	36.444	25.473	4.51
2.5	26.584	35.462	23.200	4.43	18.9	23.892	35.959	24.401	4.51	33.9	21.448	36.440	25.469	4.51
3.0	26.590	35.462	23.198	4.44	18.9	23.886	35.957	24.402	4.51	33.7	21.492	36.430	25.451	4.52
3.0	26.589	35.463	23.200	4.44	19.4	23.717	36.005	24.488	4.51	34.0	21.470	36.431	25.456	4.52
3.4	26.588	35.463	23.200	4.45	19.9	23.604	36.043	24.550	4.51	34.6	21.417	36.437	25.475	4.51
4.3	26.591	35.463	23.199	4.45	20.3	23.559	36.031	24.554	4.51	34.9	21.413	36.435	25.474	4.51
4.9	26.592	35.465	23.200	4.45	21.4	23.360	36.122	24.682	4.51	35.4	21.353	36.438	25.493	4.51
5.0	26.592	35.466	23.201	4.45	21.9	23.315	36.170	24.731	4.51	35.9	21.259	36.441	25.521	4.49
5.2	26.588	35.465	23.201	4.45	21.9	23.322	36.162	24.723	4.51	36.2	21.273	36.440	25.517	4.49
5.9	26.511	35.478	23.235	4.45	21.9	23.303	36.176	24.739	4.51	37.5	21.255	36.441	25.523	4.45
6.1	26.494	35.475	23.239	4.45	22.0	23.274	36.197	24.761	4.51	37.9	21.222	36.443	25.533	4.46





CRUISE: 89G06 STATION: N89G06\*18\*1 DATE: 24 MAY  
 GMT: 04: 45: 00 LATITUDE: 28 30.2 LONGITUDE: 91 30.0  
 TRIANGLES DENOTE DISCRETE SAMPLES





CRUISE: 89G06    STATION: N89G06\*19\*1    DATE: 24 MAY  
 GMT: 12: 03: 00    LATITUDE: 28 44.9    LONGITUDE: 91 59.0  
 TRIANGLES DENOTE DISCRETE SAMPLES



## BOTTLE DATA

At each CTD Station, 10-liter niskin bottles were tripped on the upcast for analysis of nutrients, dissolved oxygen, and chlorophyll and acid degradation products. These were mounted on a General Oceanics 24-place multisampler which supported the CTD-transmissometer package. Analysis for nitrate, nitrite, ammonium, urea, silicate and ortho-phosphate were carried out on board using a Technicon AA-11 six channel autoanalyzer. Dissolved oxygen was determined by the Carpenter-Carritt modified Winkler titration method, and pigments were estimated by the "Turner" fluorometric method (see Parsons et al, 1985) after fractionation through 20  $\mu\text{m}$  nitex mesh (netplankton) and GF/F filters (nanoplankton).

The following tables and plots summarize salinity, dissolved oxygen, nutrients, and chlorophyll analysis. In the tables, T = CTD temp ( $^{\circ}\text{C}$ ); S = bottle salinity (o/oo); and DO = dissolved oxygen (ml/liter). Concentrations of nutrients are reported as  $\mu\text{Moles/liter}$ , where  $\text{NO}_3$  = nitrate;  $\text{NO}_2$  = nitrite;  $\text{NH}_4$  = ammonium;  $\text{SiOH}_4$  = silicate; and  $\text{PO}_4$  = ortho-phosphate. Concentrations of chlorophyll (CHL) and total phaeopigments (PHAEO) are reported in  $\mu\text{g/liters}$ .

### Reference:

Parsons TR, Maila Y, and Lalli CM (1985) A Manual of chemical and Biological Methods for Seawater Analysis. Oxford (Pergamon Press). We extracted nitex and GF/F filters in 10 ml of 90% acetone for 12h at  $0^{\circ}\text{C}$ , then centrifuged the extract for 5 min to clarify the supernatant before measuring fluorescence on a Turner Designs Model 10.

GMT 0035  
17 MAY 89

B89G06  
STATION 1

28 54.3  
94 26.9

BOTTLE #	DEPTH	T	S	DO	NO <sub>3</sub>	NO <sub>2</sub>	NH <sub>4</sub>	UREA	SiOH <sub>4</sub>	PO <sub>4</sub>	CHL	PHAEO
4	4	24.55	31.907	5.44	0.2	0.08	0.2	0.4	1.8	0.10	1.66	0.12
3	10	24.58	31.740	5.79	0.1	0.07	0.1	0.2	1.7	<0.01	1.02	0.15
2	13	24.54	32.365	5.10	0.1	0.05	0.1	0.2	1.2	0.01	1.25	0.08
1	14	24.52	32.364	4.60	<0.1	0.05	0.1	0.2	0.9	0.01	-	-

GMT 1353  
17 MAY 89

B89G06  
STATION 2 CAST 1

28 24.7  
93 57.5

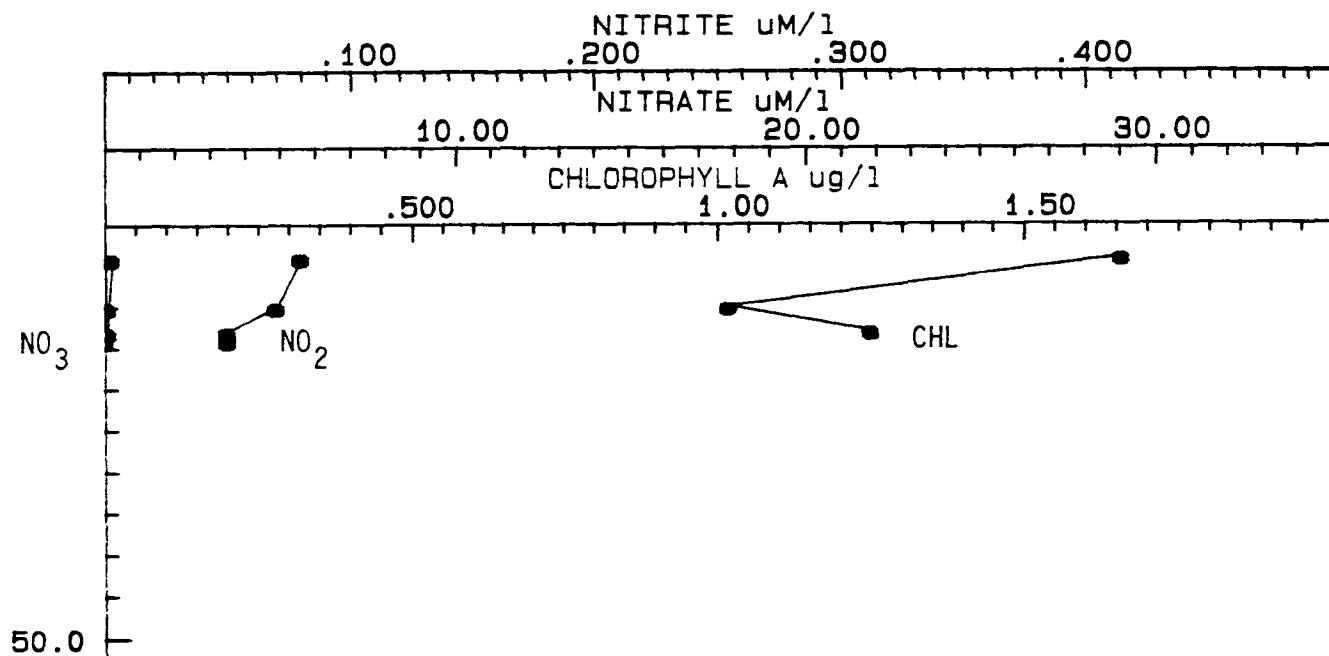
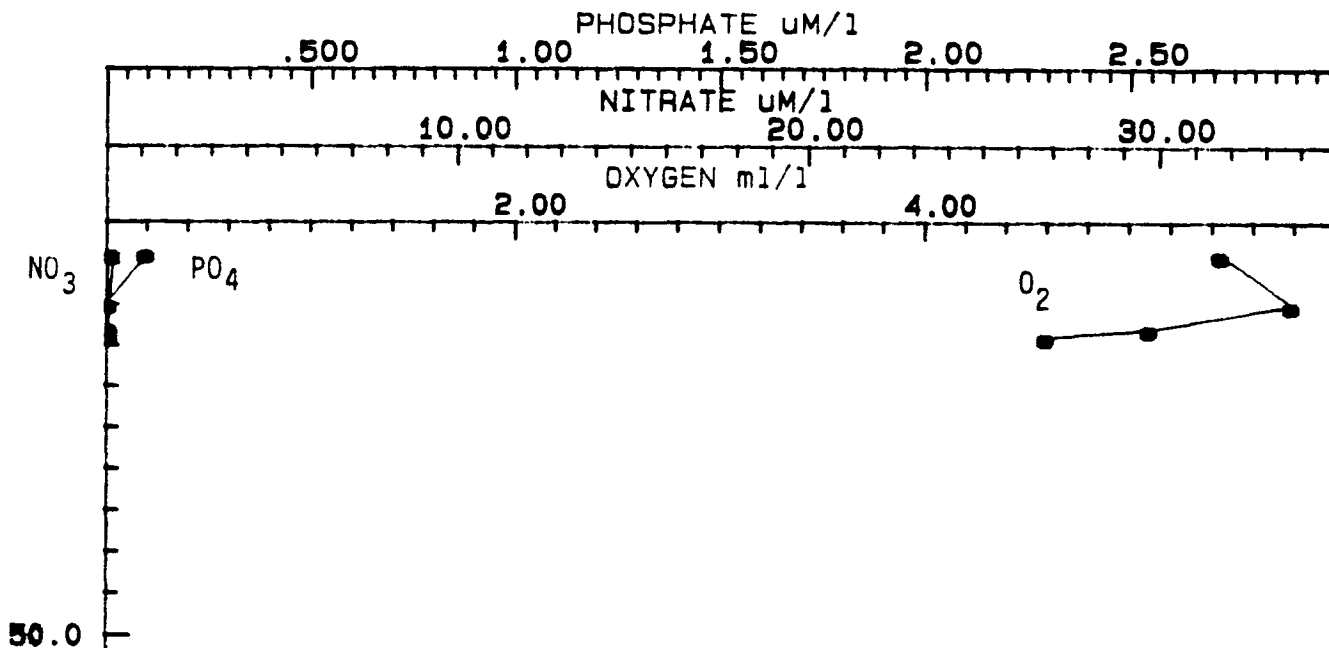
BOTTLE #	DEPTH	T	S	DO	NO <sub>3</sub>	NO <sub>2</sub>	NH <sub>4</sub>	UREA	SiOH <sub>4</sub>	PO <sub>4</sub>	CHL	PHAEO
10	5	24.82	33.633	4.94	0.2	0.03	0.1	0.3	1.8	0.02	0.31	0.06
9	14	24.81	33.667	4.87	0.2	0.04	0.1	0.3	1.8	0.01	0.30	0.06
8	25	23.72	35.658	5.02	0.2	0.04	<0.1	0.3	1.7	0.01	0.30	0.04
7	31	21.48	36.248	5.46	0.2	0.04	<0.1	0.3	1.5	0.02	0.30	0.13
6	37	21.07	36.398	5.25	0.2	0.04	0.1	0.4	2.1	0.06	0.38	0.16
5	41	21.00	36.414	5.05	0.2	0.05	0.1	0.3	2.6	0.07	0.52	0.24

GMT 1623  
17 MAY 89

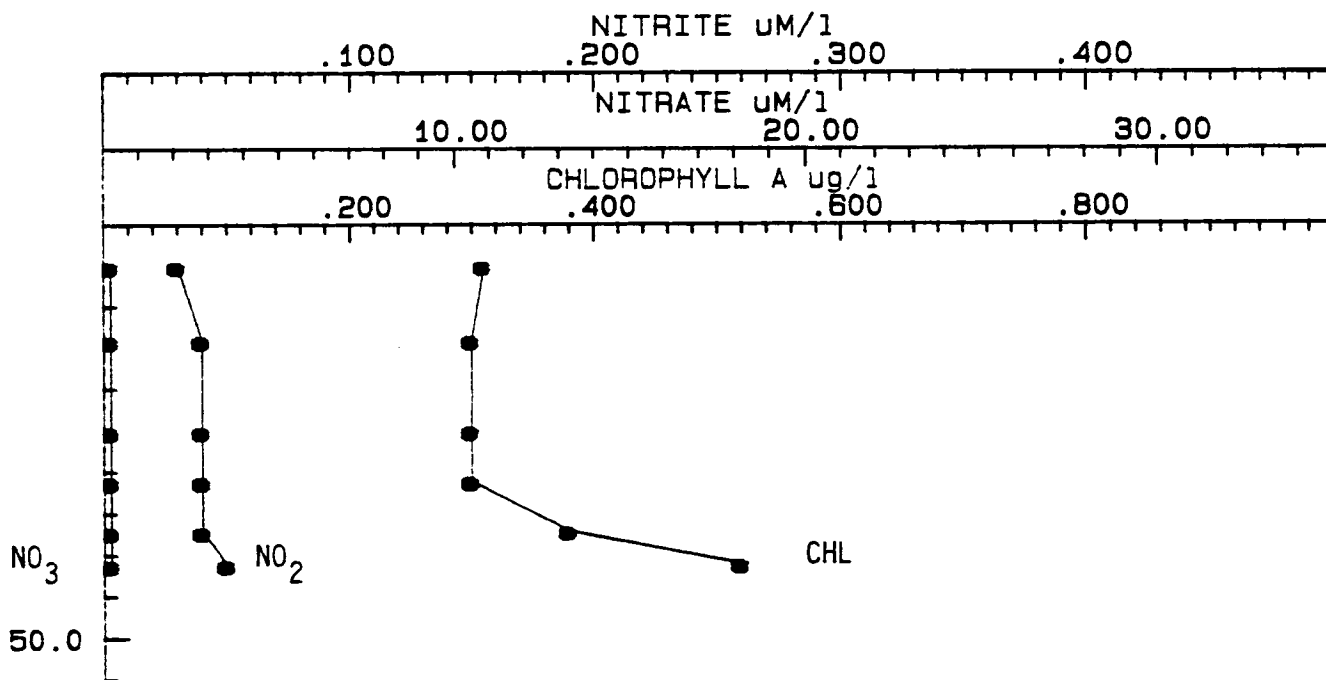
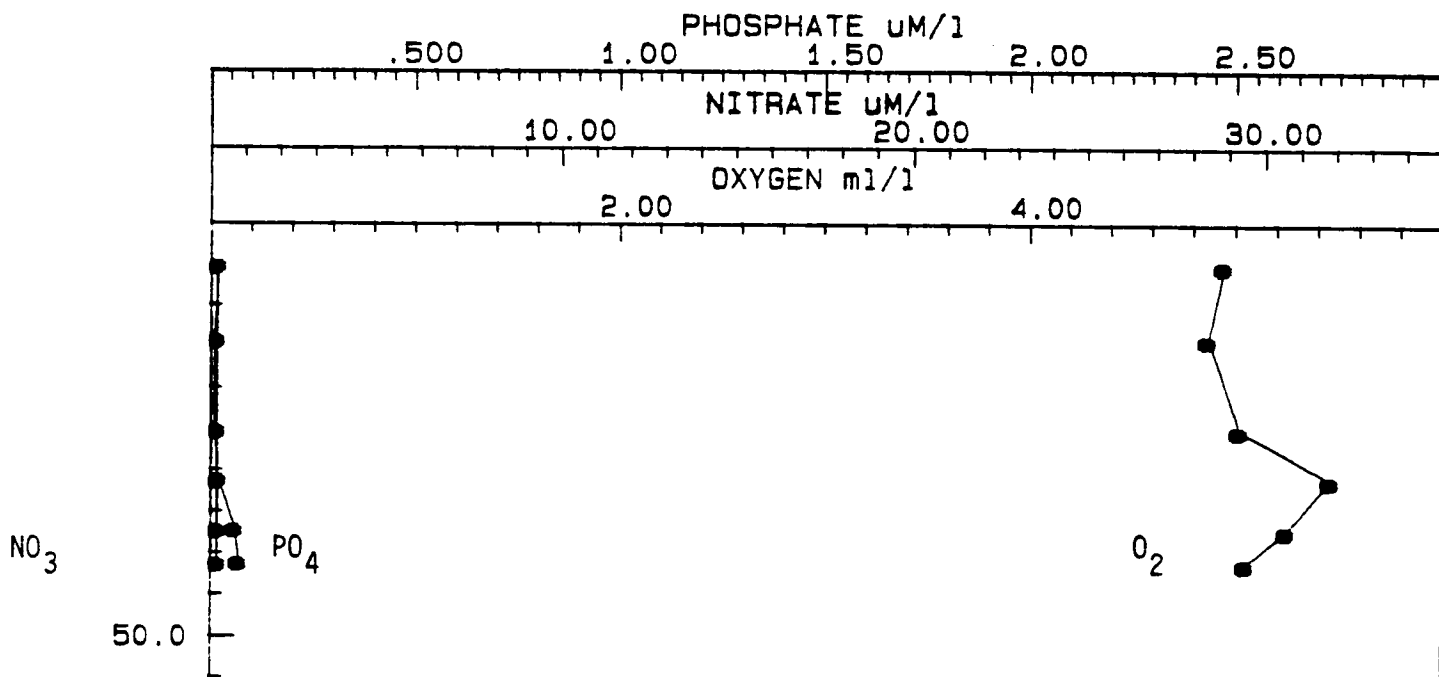
B89G06  
STATION 2 CAST 2

28 20.0  
93 54.4

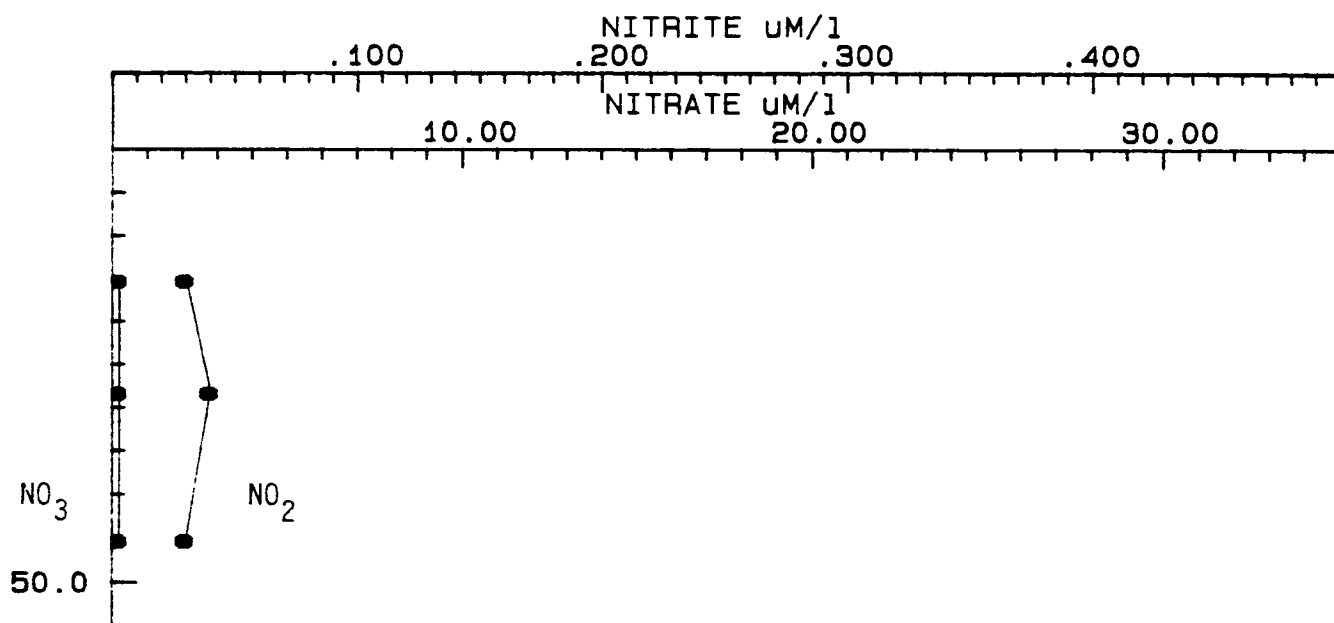
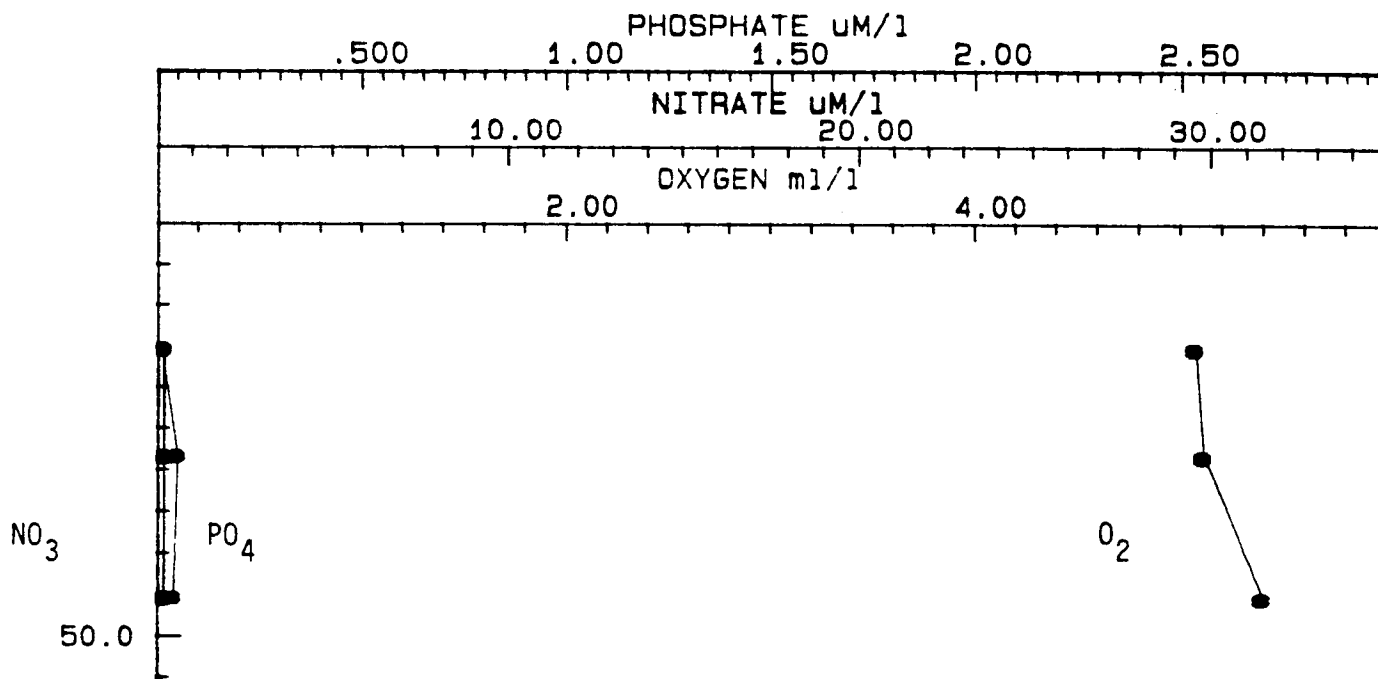
BOTTLE #	DEPTH	T	S	DO	NO <sub>3</sub>	NO <sub>2</sub>	NH <sub>4</sub>	UREA	SiOH <sub>4</sub>	PO <sub>4</sub>	CHL	PHAEO
17	15	24.84	33.703	5.07	0.2	0.03	<.1	0.3	1.9	0.01	-	-
14	28	23.11	35.826	5.12	0.2	0.04	0.1	0.4	1.7	0.05	-	-
11	45	20.56	36.284	5.40	0.2	0.03	0.1	0.4	0.9	0.04	-	-



CRUISE: 89G06 STATION: B89G06\*1\*1 DATE: 17MAY89  
 LATITUDE: 28 54.3 LONGITUDE: 99 26.9



CRUISE: B9G07 STATION: B89G06\*2\*1 DATE: 17MAY89  
 LATITUDE: 28 24.7 LONGITUDE: 93 57.5



CRUISE: 89G06 STATION: 889G06\*2\*2 DATE: 17MAY89  
 LATITUDE: 28 20.0 LONGITUDE: 93 54.4

GMT 2145  
17 MAY 89

BB9G06  
STATION 3

27 57.9  
93 32.2

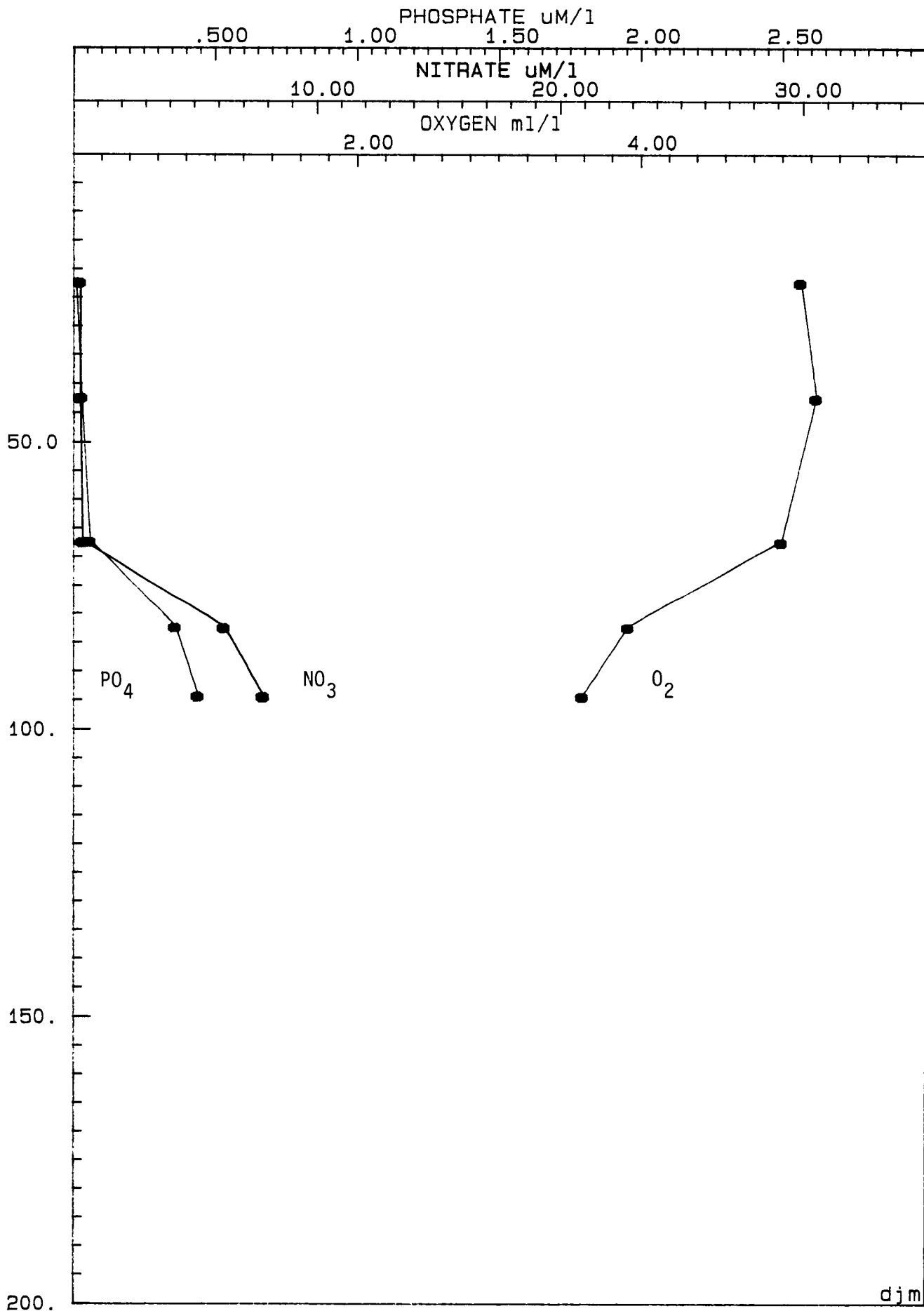
BOTTLE #	DEPTH	T	S	DO	NO <sub>3</sub>	NO <sub>2</sub>	NH <sub>4</sub>	UREA	SiOH <sub>4</sub>	PO <sub>4</sub>	CHL	PHAEO
9	22	25.42	34.623	5.13	0.3	0.02	<.1	0.3	2.5	0.01	-	-
6	42	21.91	36.317	5.24	0.3	0.02	<.1	0.3	2.0	0.03	0.15	0.08
3	67	20.09	36.328	4.99	0.4	0.16	<.1	0.2	2.2	0.06	0.42	0.28
24	82	18.89	36.368	3.91	6.2	0.26	<.1	0.2	4.6	0.36	0.54	0.65
21	94	18.81	36.377	3.59	7.8	0.17	<.1	0.2	5.4	0.44	-	-

GMT 0325  
18 MAY 89

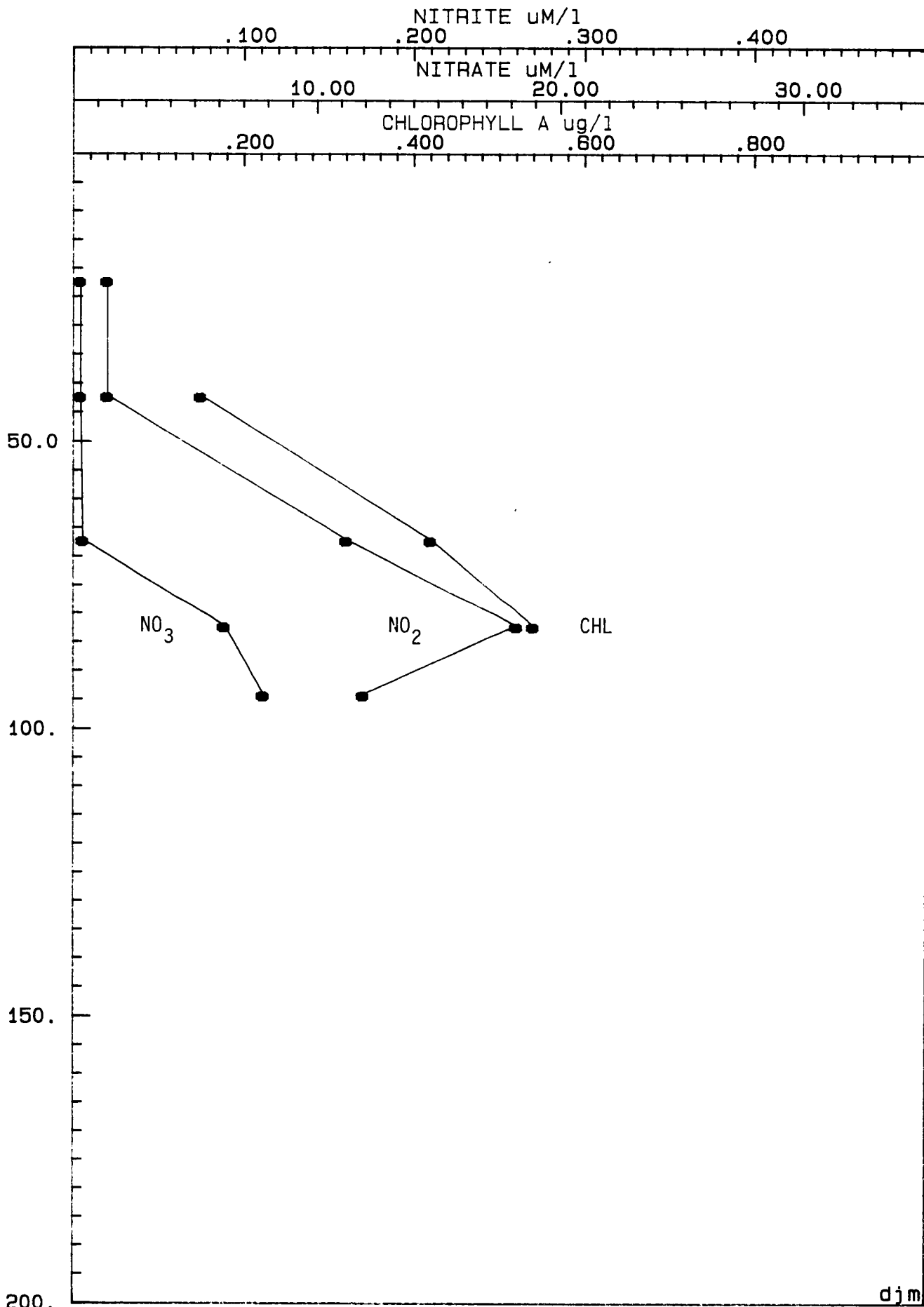
BB9G06  
STATION 4

27 46.9  
93 31.2

BOTTLE #	DEPTH	T	S	DO	NO <sub>3</sub>	NO <sub>2</sub>	NH <sub>4</sub>	UREA	SiOH <sub>4</sub>	PO <sub>4</sub>	CHL	PHAEO
10	10	25.24	34.869	4.90	0.3	0.02	<.1	0.9	2.4	0.02	-	-
6	20	25.13	34.933	4.90	0.2	0.03	<.1	0.2	1.8	0.01	-	-
3	40	23.34	36.217	-	0.2	0.03	<.1	0.2	1.5	0.01	-	-
24	60	21.28	35.975	5.01	0.3	0.11	<.1	0.1	2.8	0.05	-	-
21	92	19.42	36.388	4.74	1.0	0.41	<.1	0.2	2.1	0.12	-	-
18	120	18.00	36.332	3.44	10.9	0.08	<.1	0.2	5.5	0.69	-	-
16	152	16.38	36.148	2.83	16.6	0.05	<.1	0.2	7.0	0.95	-	-
13	213	14.01	35.802	2.75	20.8	0.04	<.1	0.2	9.9	1.24	-	-



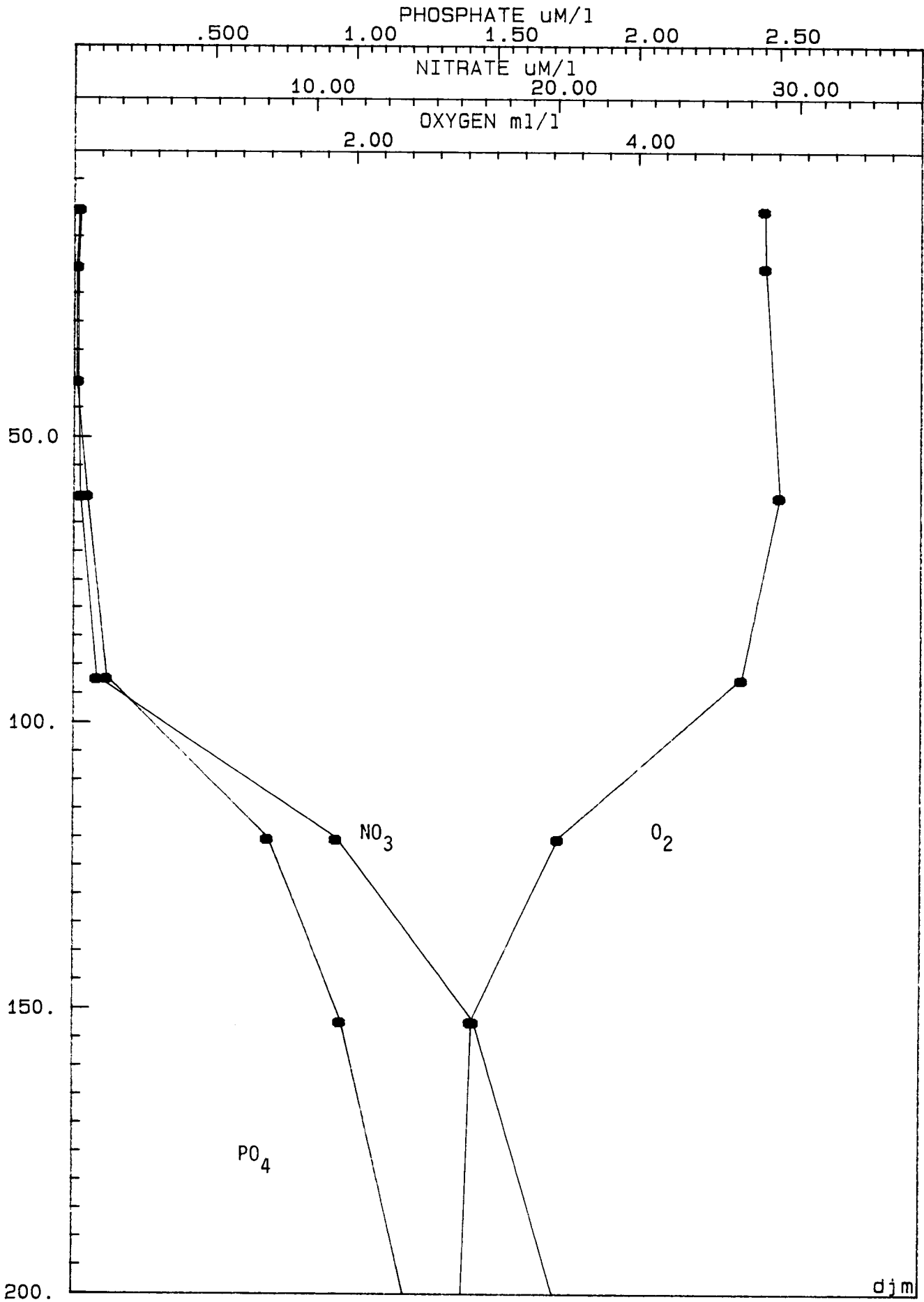
CRUISE: 89G06 STATION: B89G06\*3\*1 DATE: 17MAY89  
 LATITUDE: 27 57.9 LONGITUDE: 93 32.2



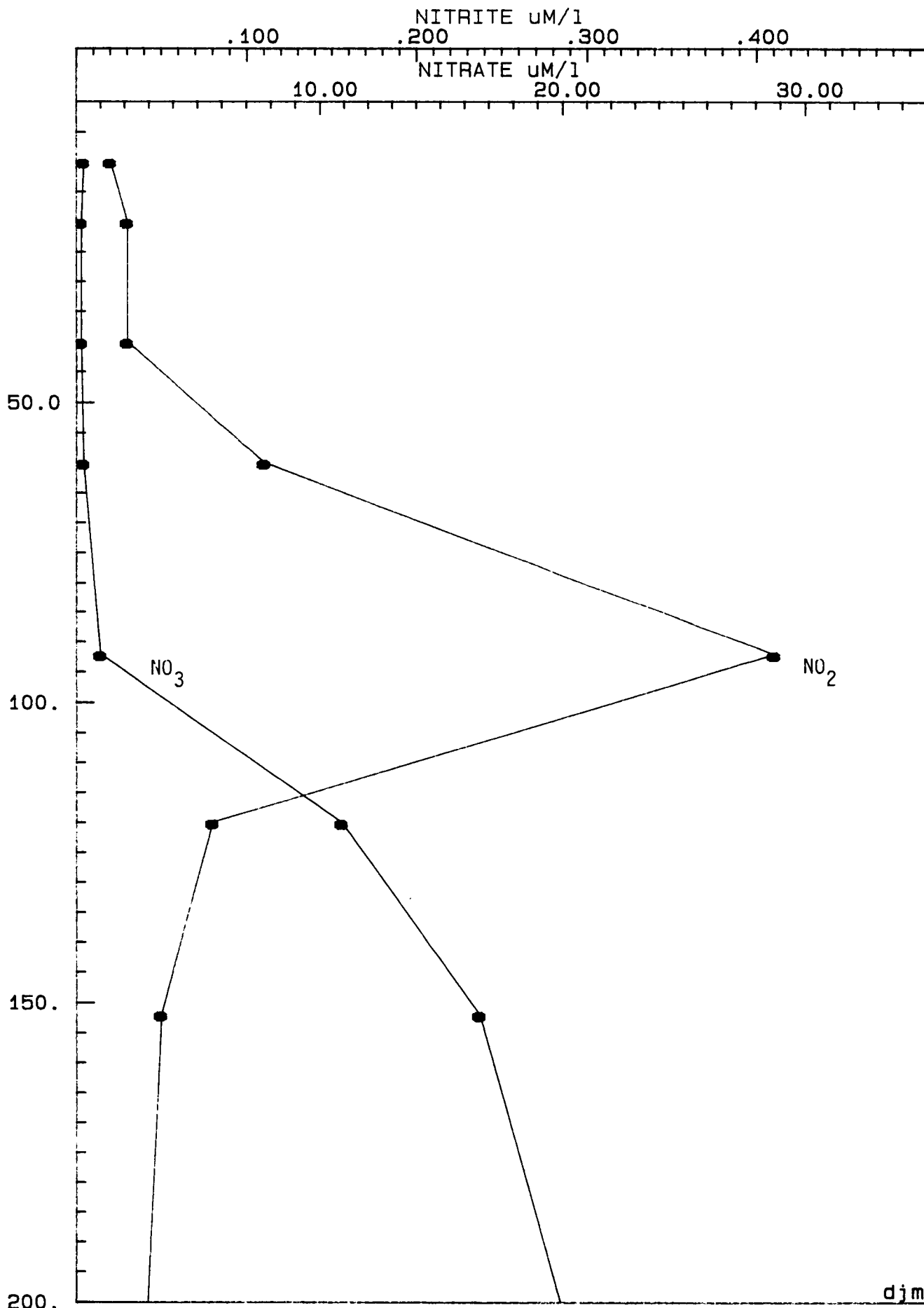
CRUISE: 89G06 STATION: B89G06\*3\*1 DATE: 17MAY89  
 LATITUDE: 27 57.9 LONGITUDE: 93 32.2

djm





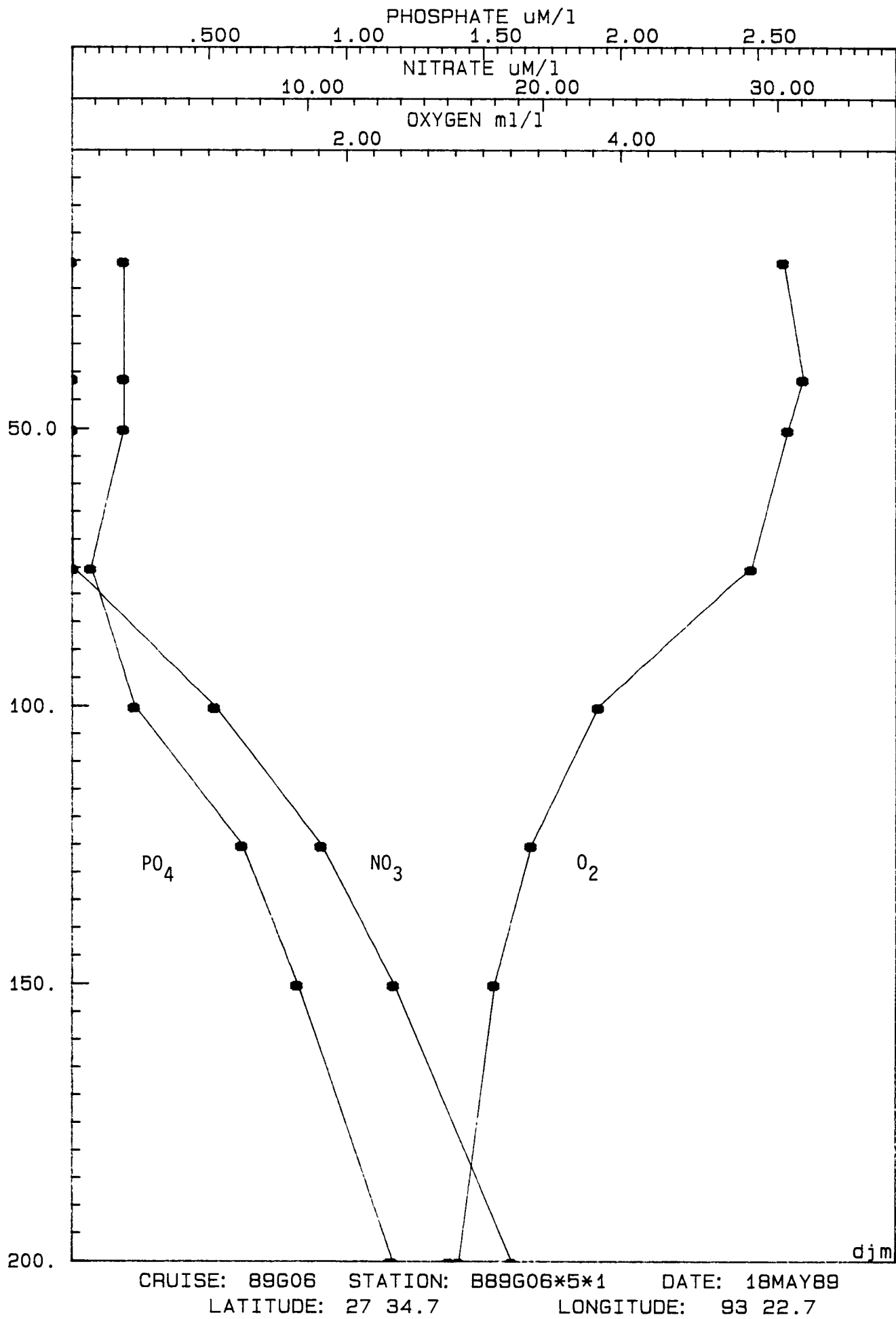
CRUISE: 89G06 STATION: B89G06\*4\*1 DATE: 18MAY89  
 LATITUDE: 27 46.9 LONGITUDE: 93 31.2

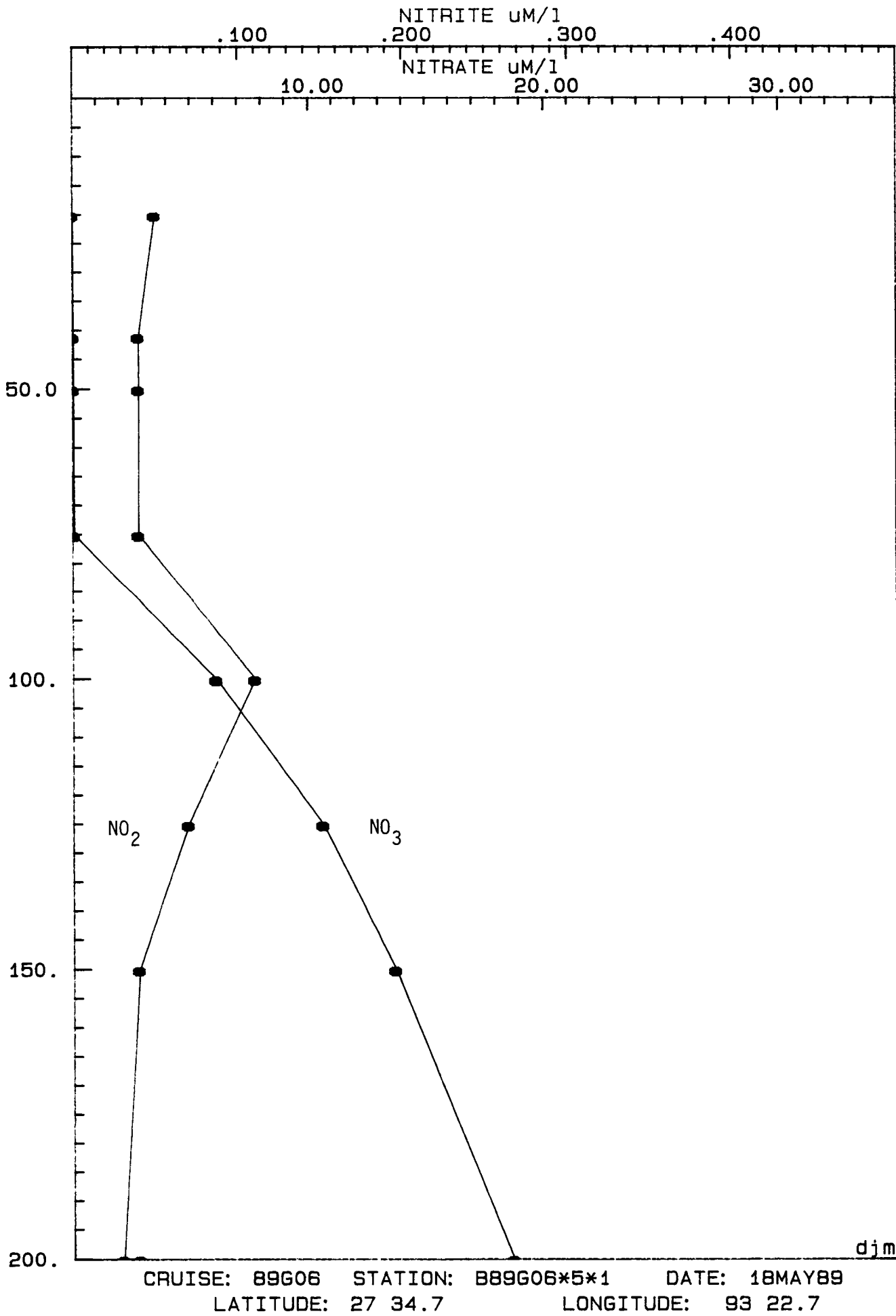


CRUISE: 89G06 STATION: B89G06\*4\*1 DATE: 18MAY89  
 LATITUDE: 27 46.9 LONGITUDE: 93 31.2

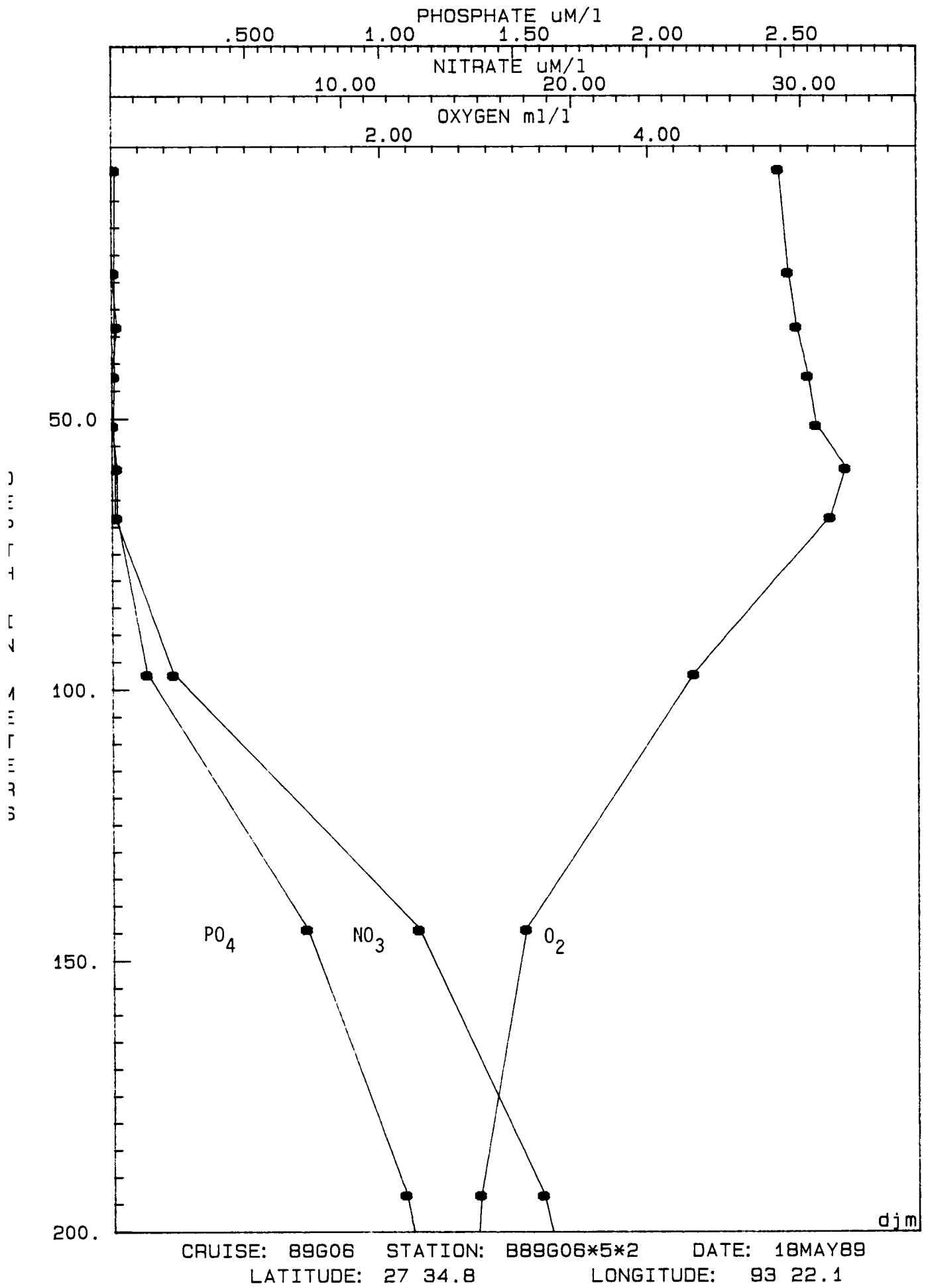
djm

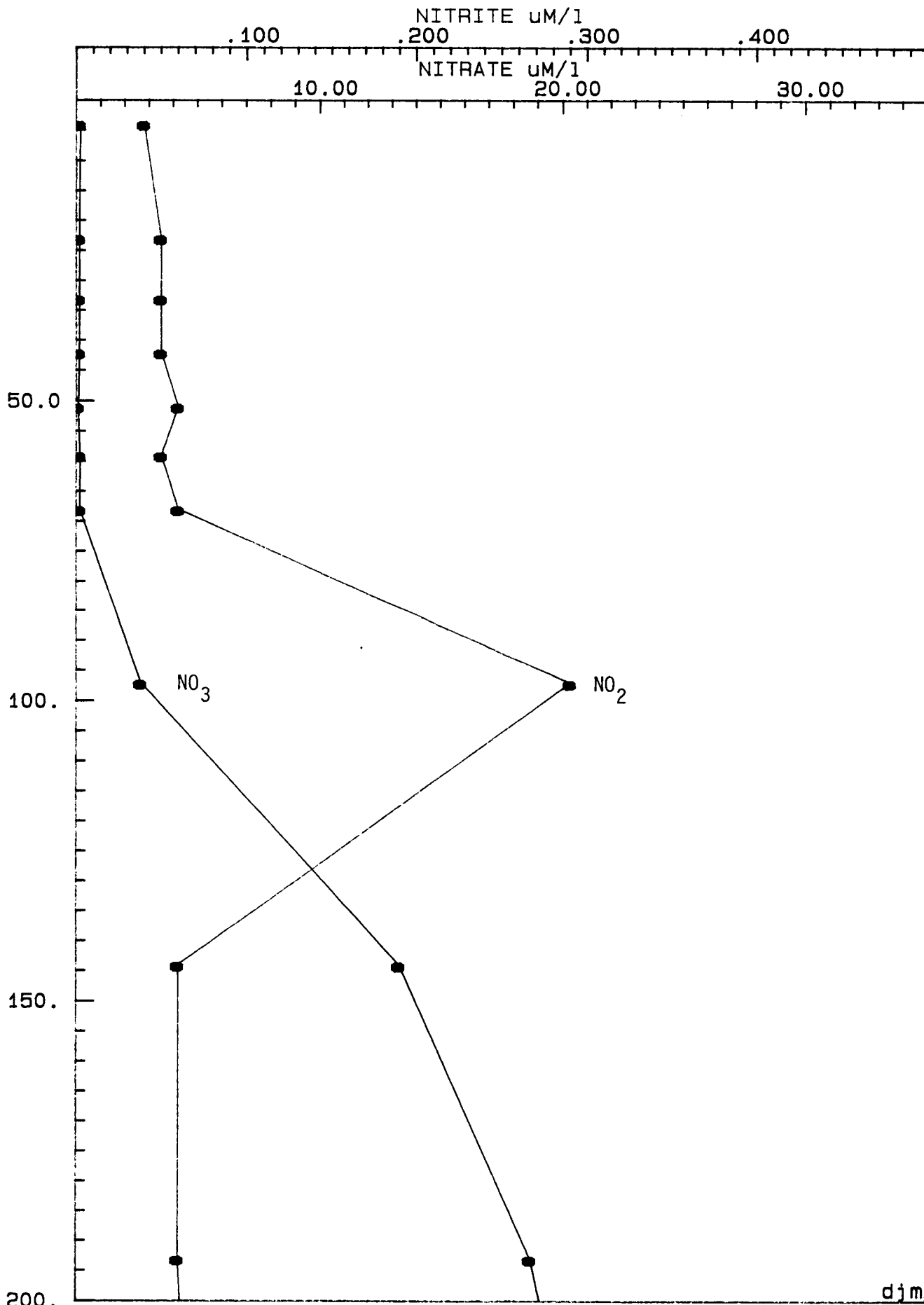










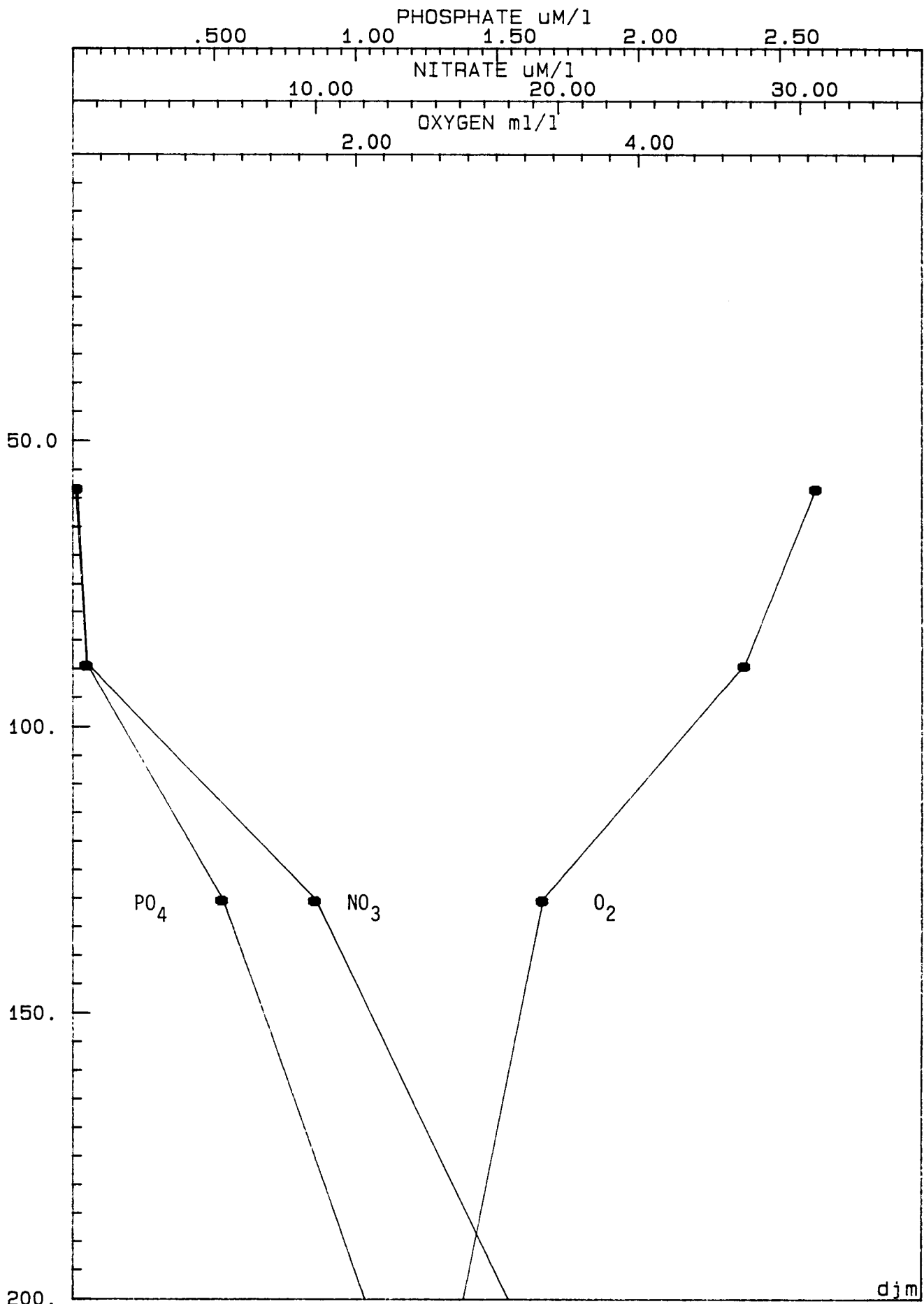


CRUISE: 89G06 STATION: B89G06\*5\*2 DATE: 18MAY89  
 LATITUDE: 27 34.8 LONGITUDE: 93 22.1

djm

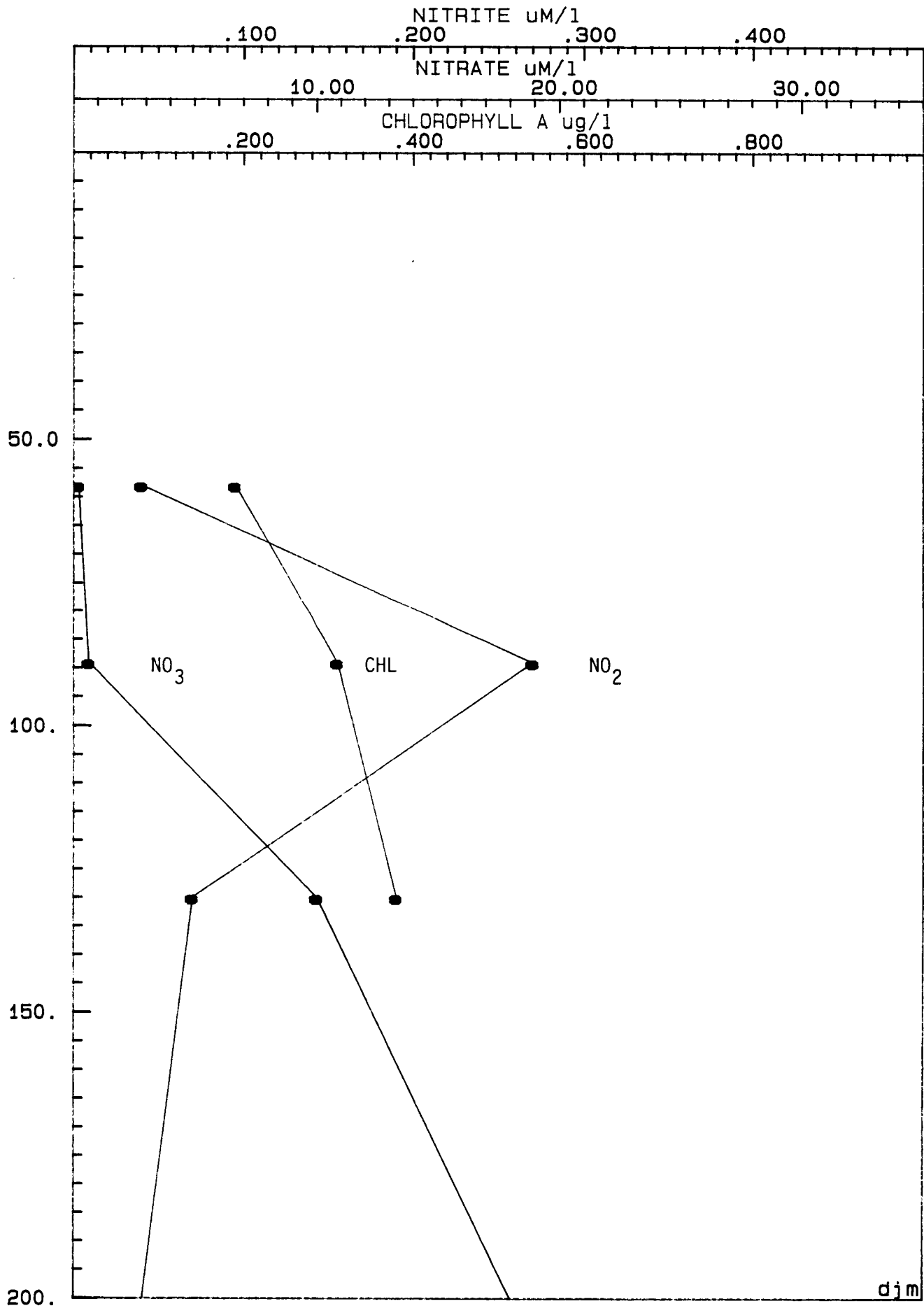






CRUISE: 89G06    STATION: B89G06\*5\*3    DATE: 18MAY89  
 LATITUDE: 27 33.8    LONGITUDE: 93 17.9

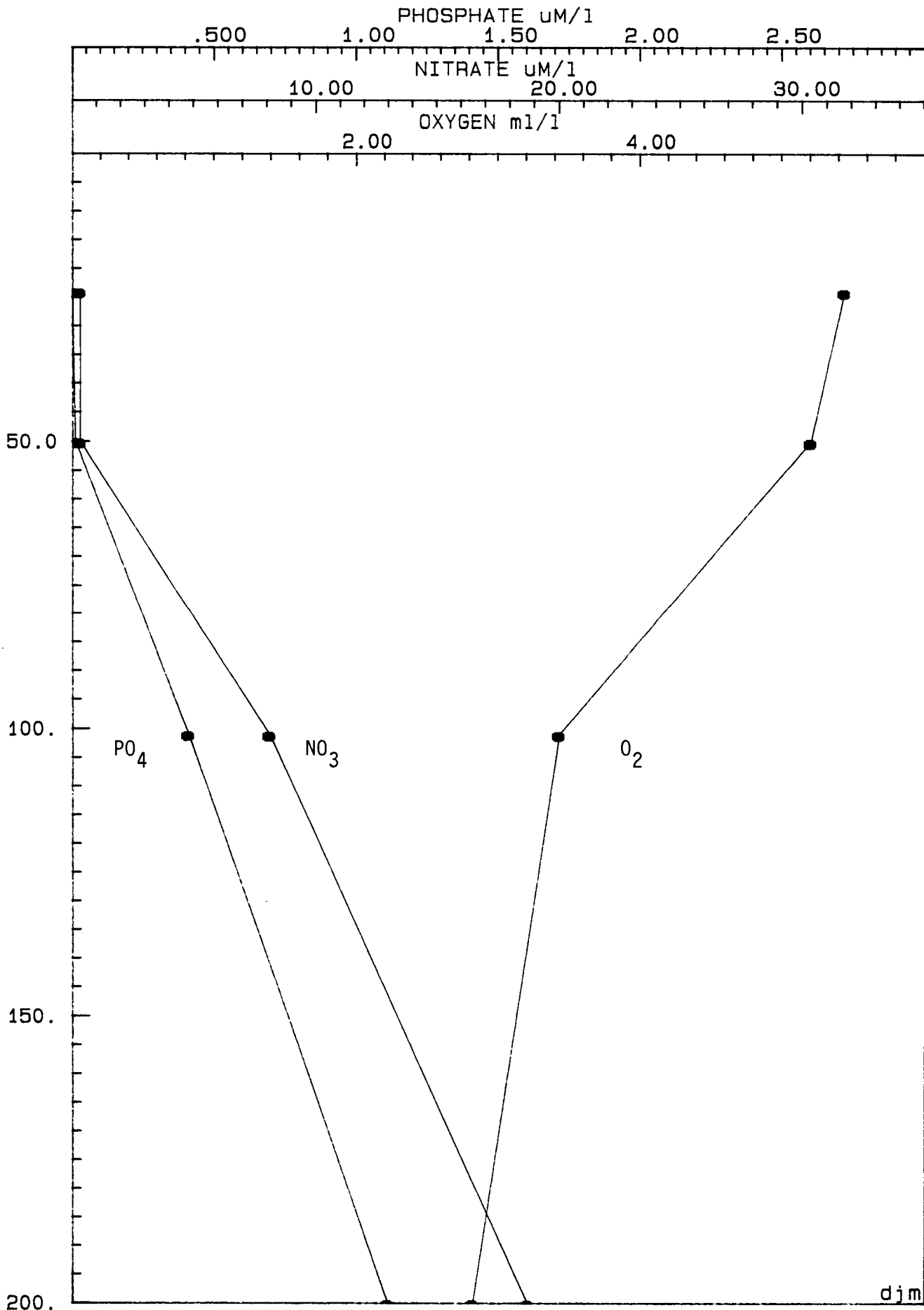
djm



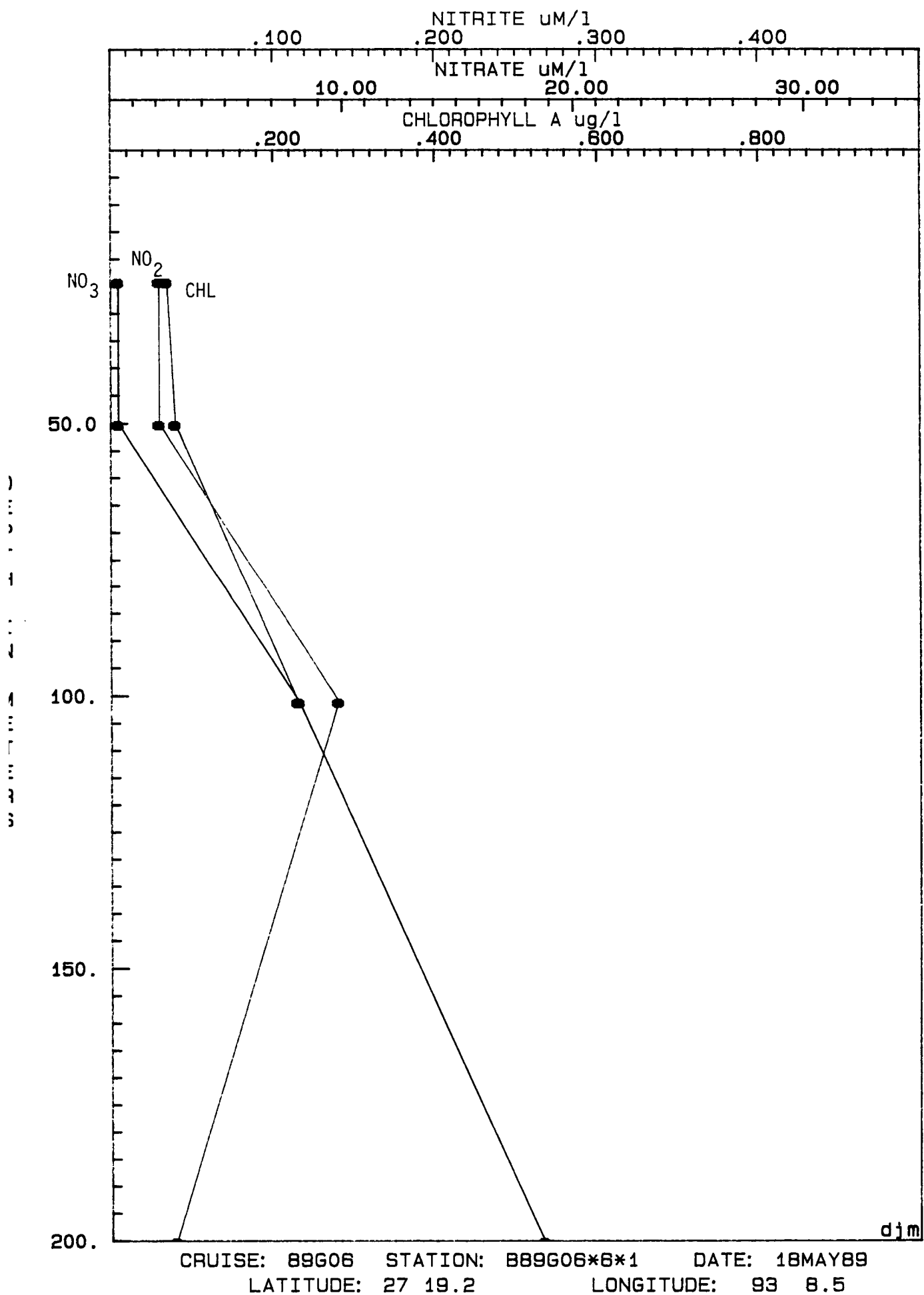
CRUISE: 89G06 STATION: B89G06\*5\*3 DATE: 18MAY89  
 LATITUDE: 27 33.8 LONGITUDE: 93 17.9

djm





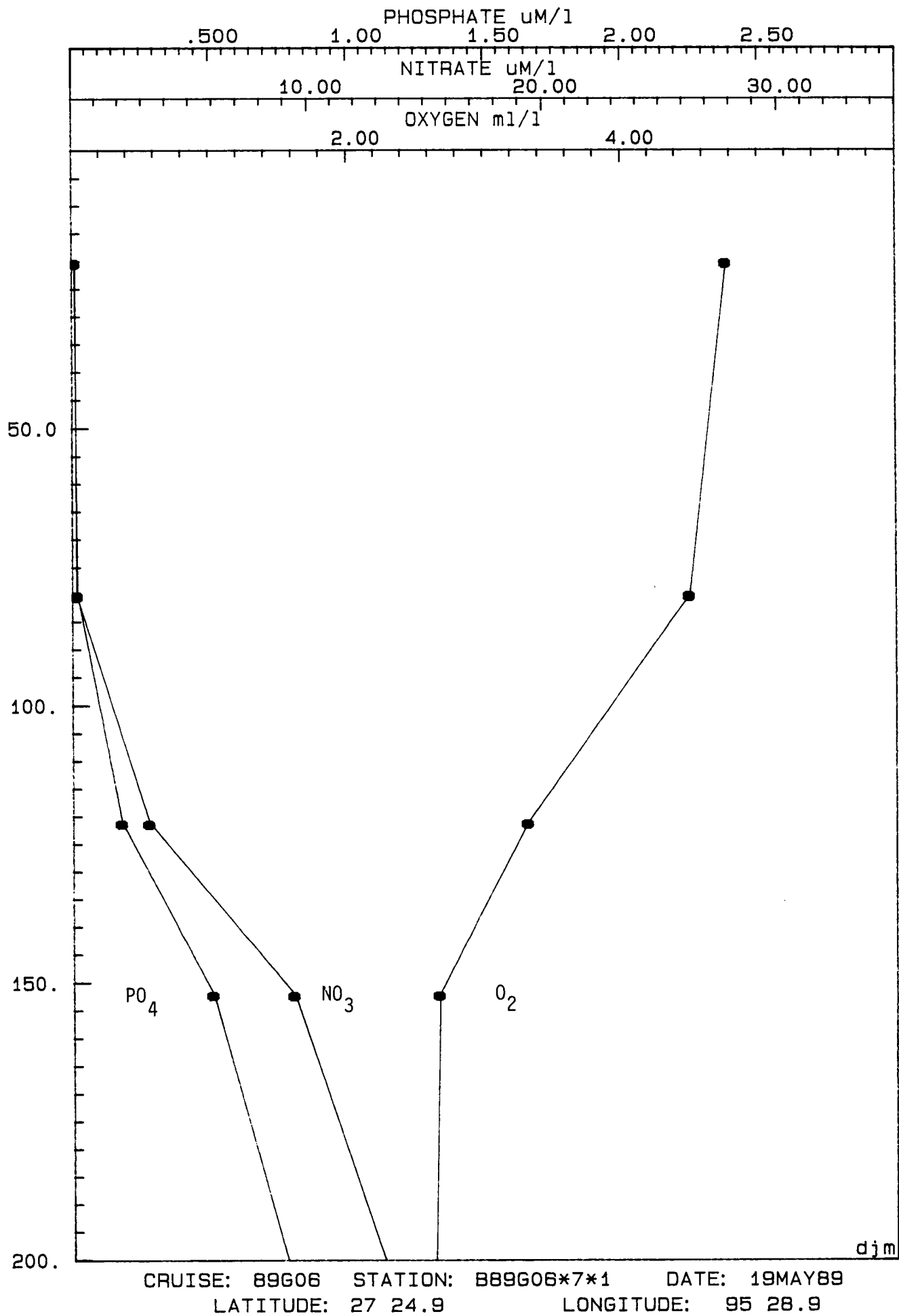
CRUISE: 89G06 STATION: B89G06\*6\*1 DATE: 18MAY89  
 LATITUDE: 27 19.2 LONGITUDE: 93 8.5



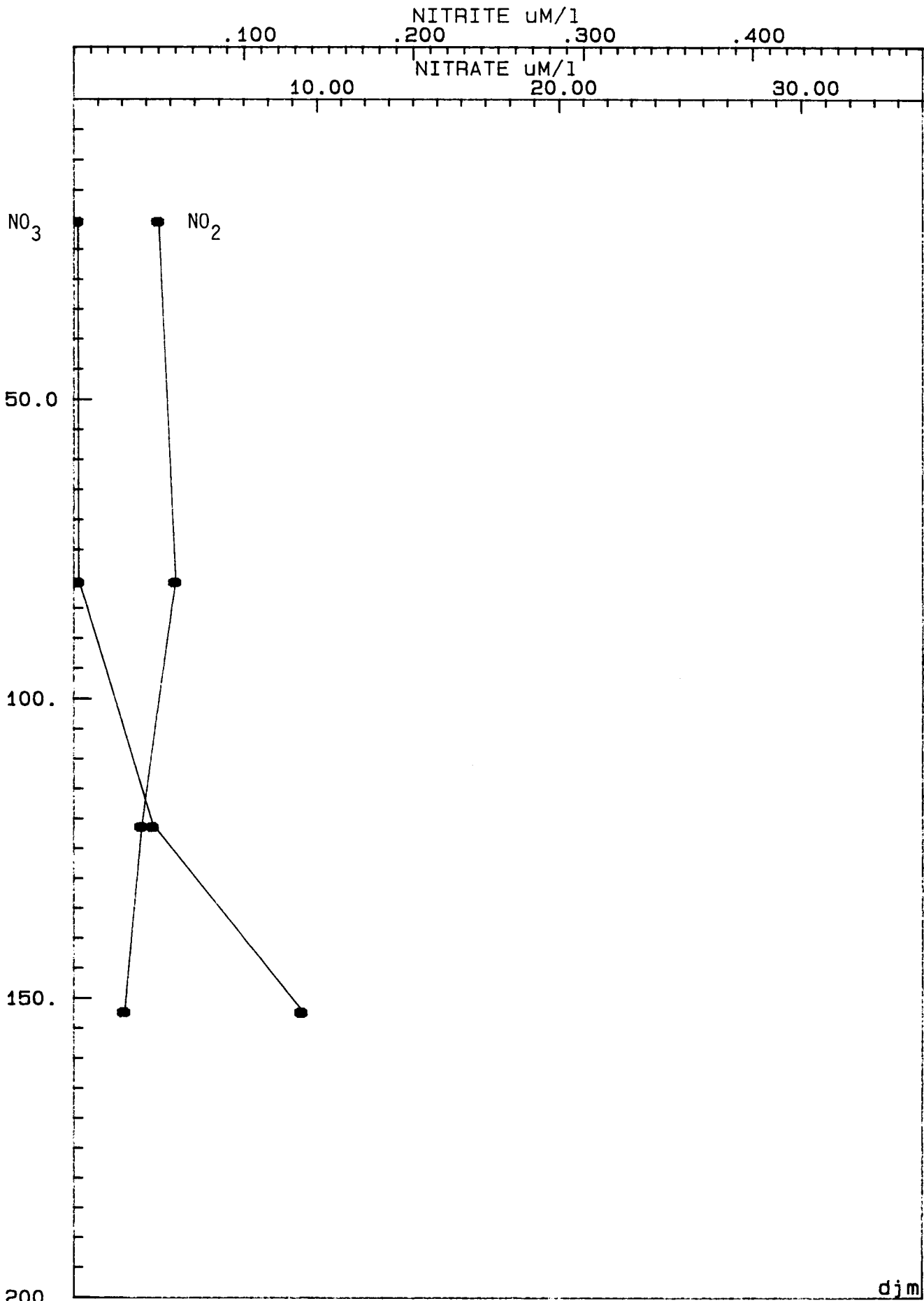
CRUISE: 89G06 STATION: B89G06\*6\*1 DATE: 18MAY89  
 LATITUDE: 27 19.2 LONGITUDE: 93 8.5

djm



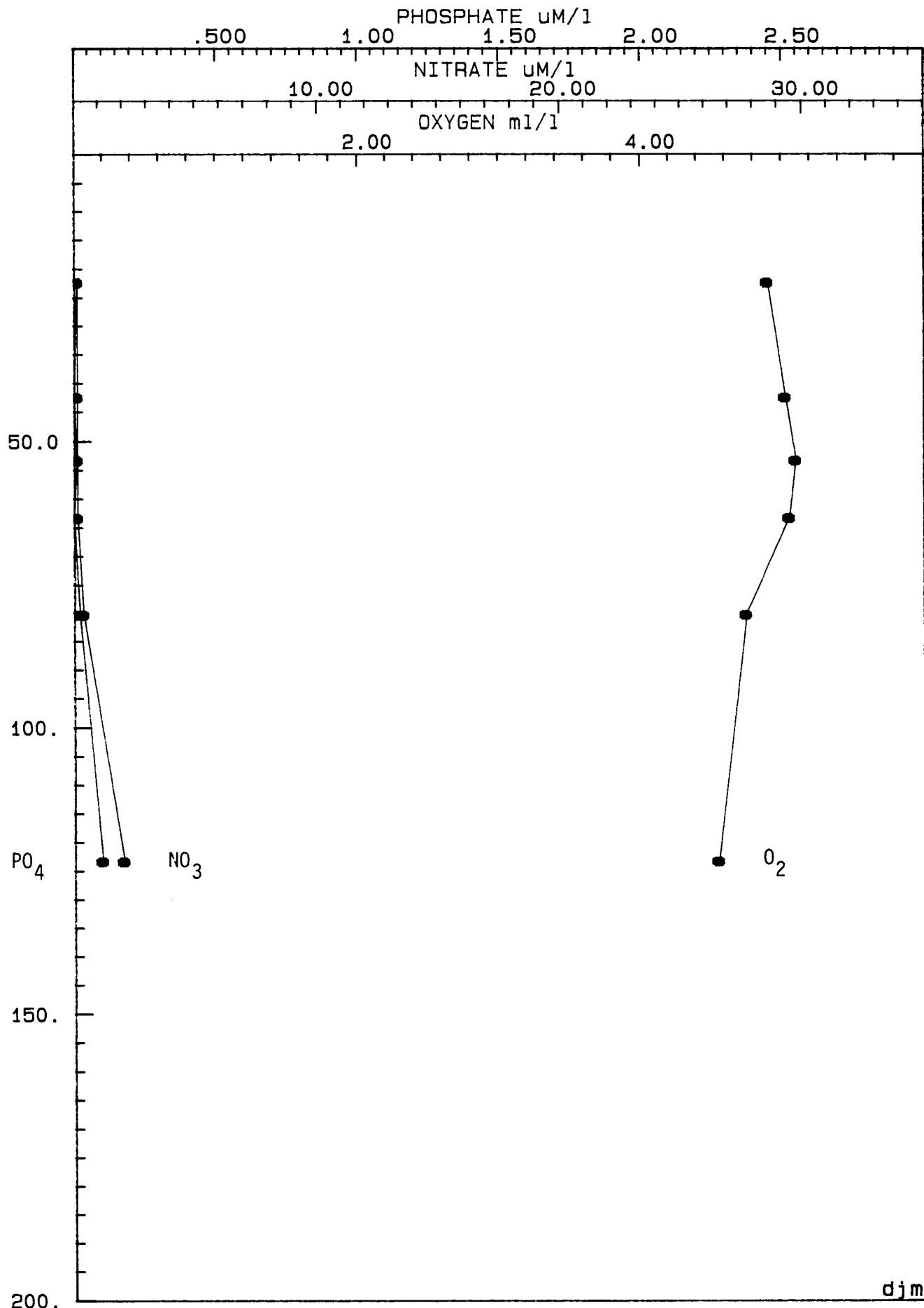




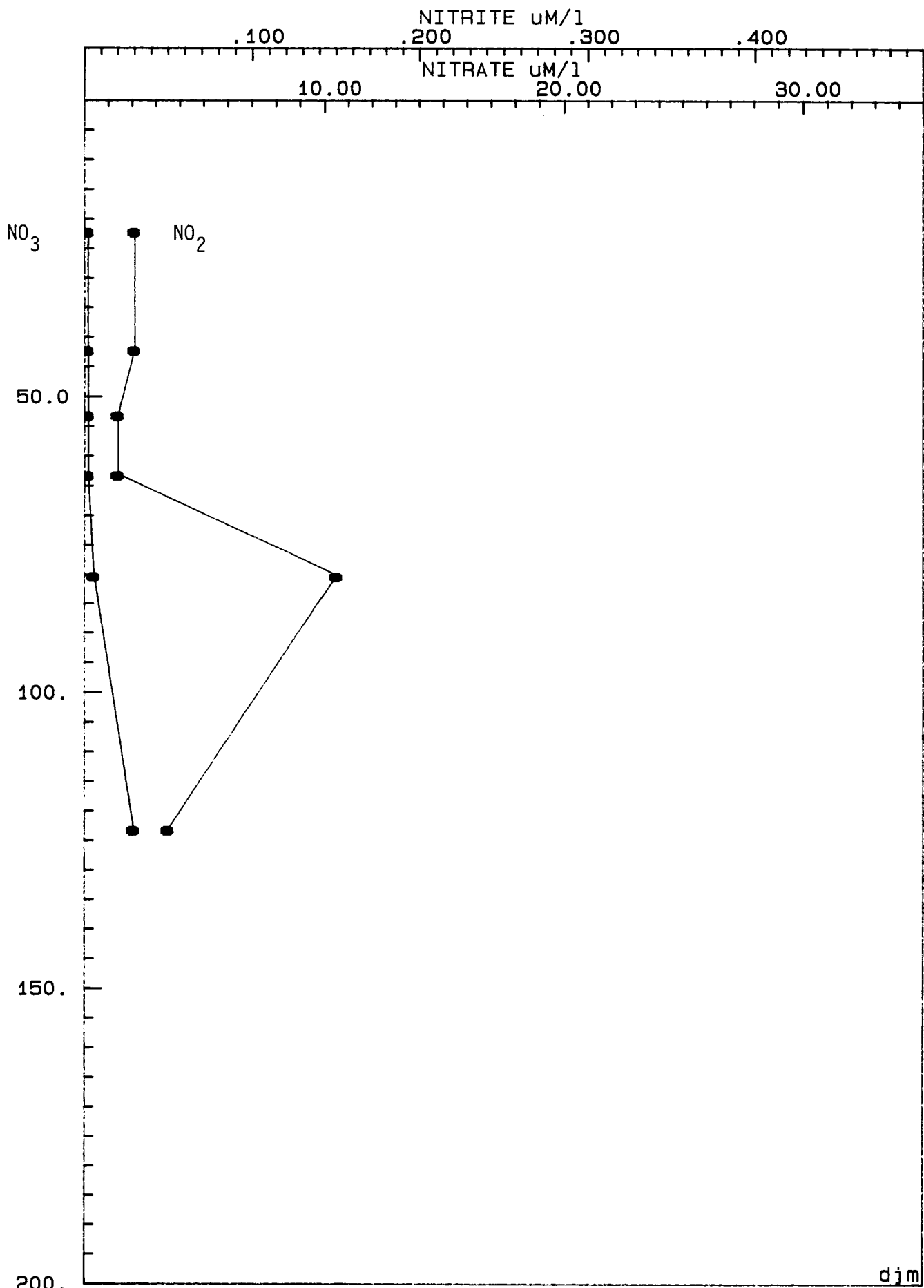


CRUISE: 89G06 STATION: B89G06\*7\*1 DATE: 19MAY89  
 LATITUDE: 27 24.9 LONGITUDE: 95 28.9

djm



CRUISE: 89G06 STATION: B89G06\*7\*2 DATE: 19MAY89  
 LATITUDE: 27 25.2 LONGITUDE: 95 28.2



CRUISE: 89G06 STATION: B89G06\*7\*2 DATE: 19MAY89  
 LATITUDE: 27 25.2 LONGITUDE: 95 28.2

djm

GMT 0151  
20 MAY 89

B89G06  
STATION 8

27 30.7  
95 47.2

BOTTLE #	DEPTH	T	S	DO	NO <sub>3</sub>	NO <sub>2</sub>	NH <sub>4</sub>	UREA	SiOH <sub>4</sub>	PO <sub>4</sub>	CHL	PHAEO
24	19	25.41	36.480	4.89	0.1	0.06	0.1	0.2	1.9	0.02	0.09	0.07
21	40	23.95	36.502	4.98	0.2	0.06	0.1	0.2	4.5	0.03	0.12	0.05
18	160	17.80	36.311	2.89	13.6	0.07	0.1	0.3	4.7	0.64	-	-
15	200	15.71	36.051	2.87	17.6	0.06	0.1	0.2	7.5	1.03	-	-
12	250	13.78	35.768	2.75	21.3	0.06	0.2	0.2	10.0	1.32	-	-
9	301	12.31	35.560	2.58	24.2	0.05	0.1	0.2	12.0	1.40	-	-
6	350	11.16	35.373	2.52	26.9	0.05	0.2	0.7	12.9	1.52	-	-
3	500	7.63	34.952	2.77	31.8	0.05	0.2	0.4	20.1	2.03	-	-

GMT 0513  
20 MAY 89

B89G06  
STATION 9

27 32.5  
95 58.0

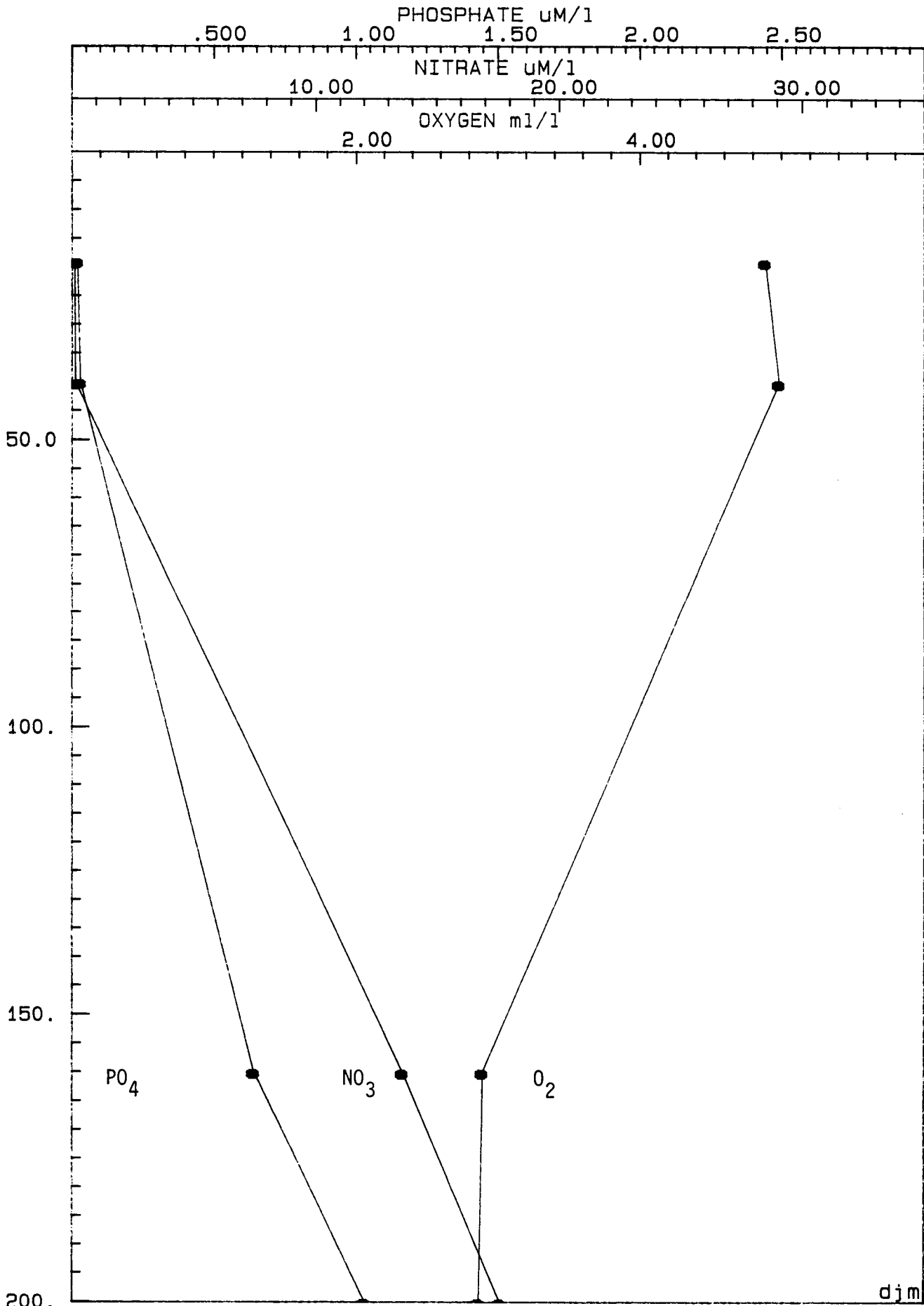
BOTTLE #	DEPTH	T	S	DO	NO <sub>3</sub>	NO <sub>2</sub>	NH <sub>4</sub>	UREA	SiOH <sub>4</sub>	PO <sub>4</sub>	CHL	PHAEO
5	4	26.85	36.028	4.79	0.2	0.03	0.1	0.1	1.1	0.01	-	-
4	50	23.64	36.507	5.13	0.2	0.03	0.1	0.1	0.1	0.01	0.12	0.05
3	100	20.14	36.442	3.51	8.0	0.06	0.1	0.1	1.9	0.42	0.08	0.14
2	150	17.08	36.192	2.81	15.7	0.04	0.1	0.1	4.9	0.88	-	-
1	192	15.33	35.925	2.57	19.5	0.13	0.1	0.1	7.9	1.20	-	-

GMT 1316  
20 MAY 89

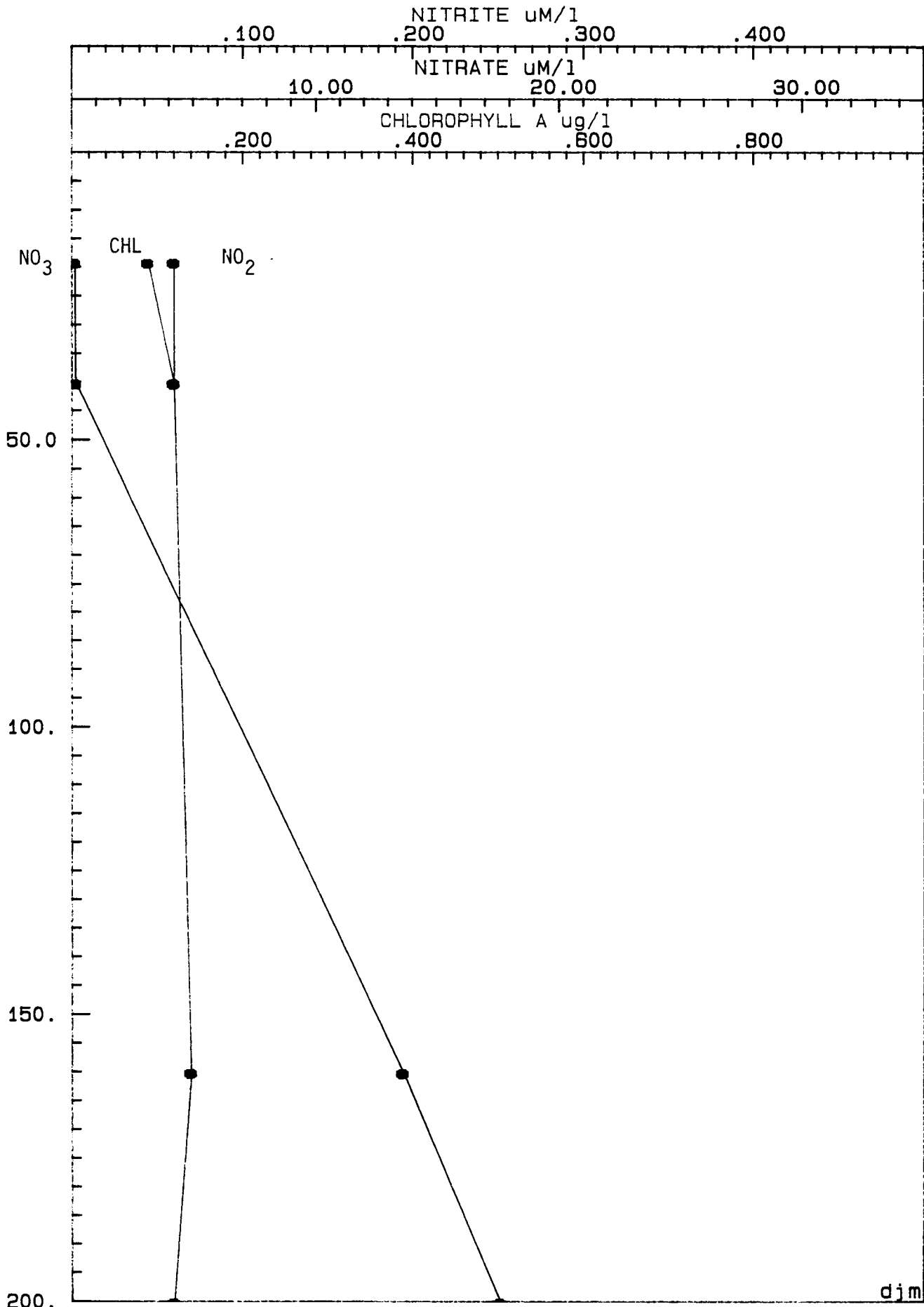
B89G06  
STATION 10

27 37.5  
96 13.1

BOTTLE #	DEPTH	T	S	DO	NO <sub>3</sub>	NO <sub>2</sub>	NH <sub>4</sub>	UREA	SiOH <sub>4</sub>	PO <sub>4</sub>	CHL	PHAEO
12	13	25.40	-	4.91	0.1	0.04	0.1	4.1	1.7	0.01	-	-
11	13	25.40	-	4.91	0.1	0.05	0.1	4.1	1.8	0.02	-	-
10	20	24.81	36.064	4.96	0.1	0.05	0.1	4.1	2.6	0.02	-	-
9	31	23.38	36.218	5.04	0.1	0.05	0.2	4.1	1.9	0.03	-	-
8	31	23.38	36.210	5.03	0.1	0.05	0.1	4.1	1.7	0.03	-	-
7	40	22.91	36.189	5.00	0.1	0.03	0.2	4.1	2.2	0.04	-	-

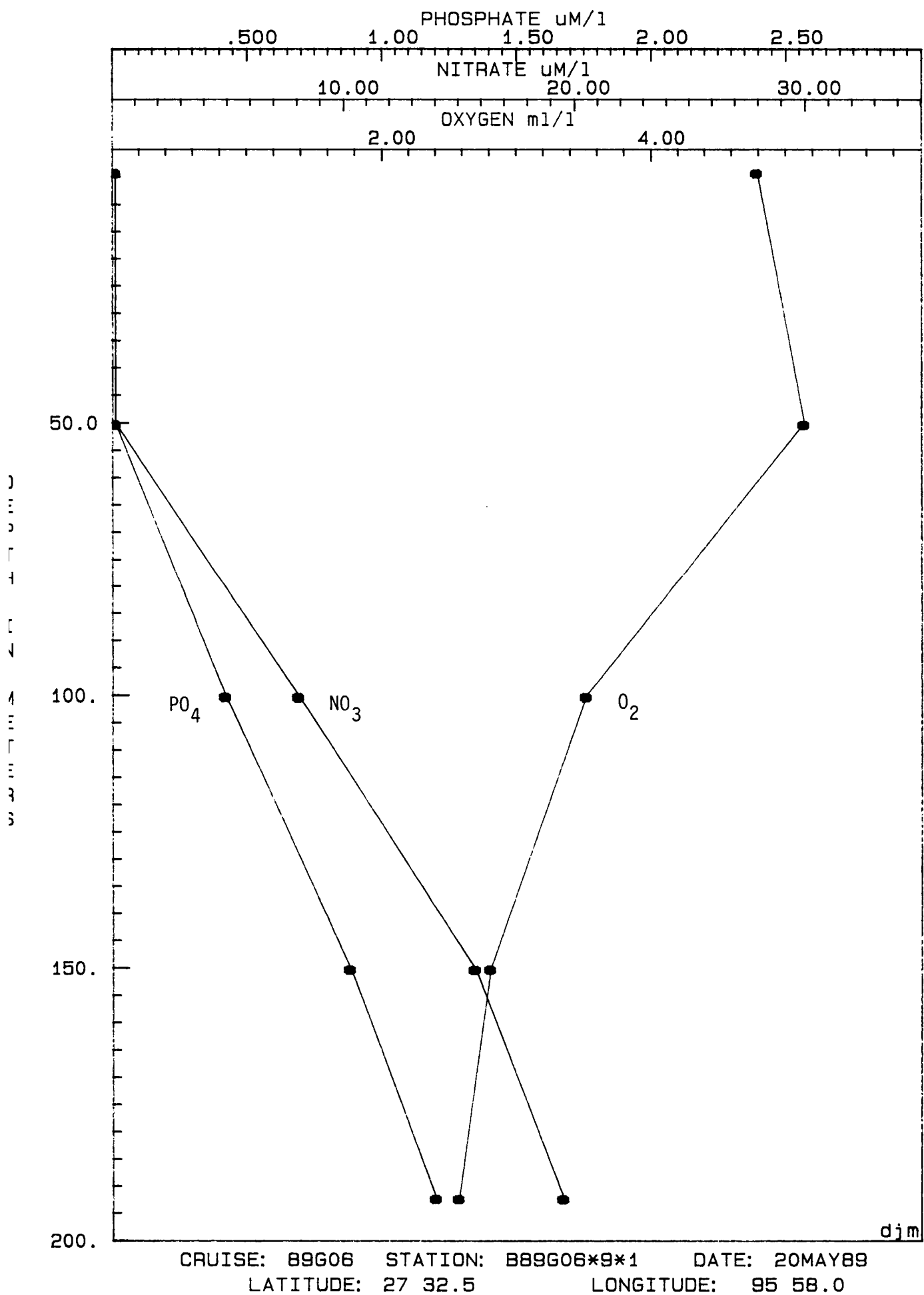


CRUISE: 89G06 STATION: B89G06\*8\*1 DATE: 20MAY89  
 LATITUDE: 27 28.4 LONGITUDE: 95 47.2



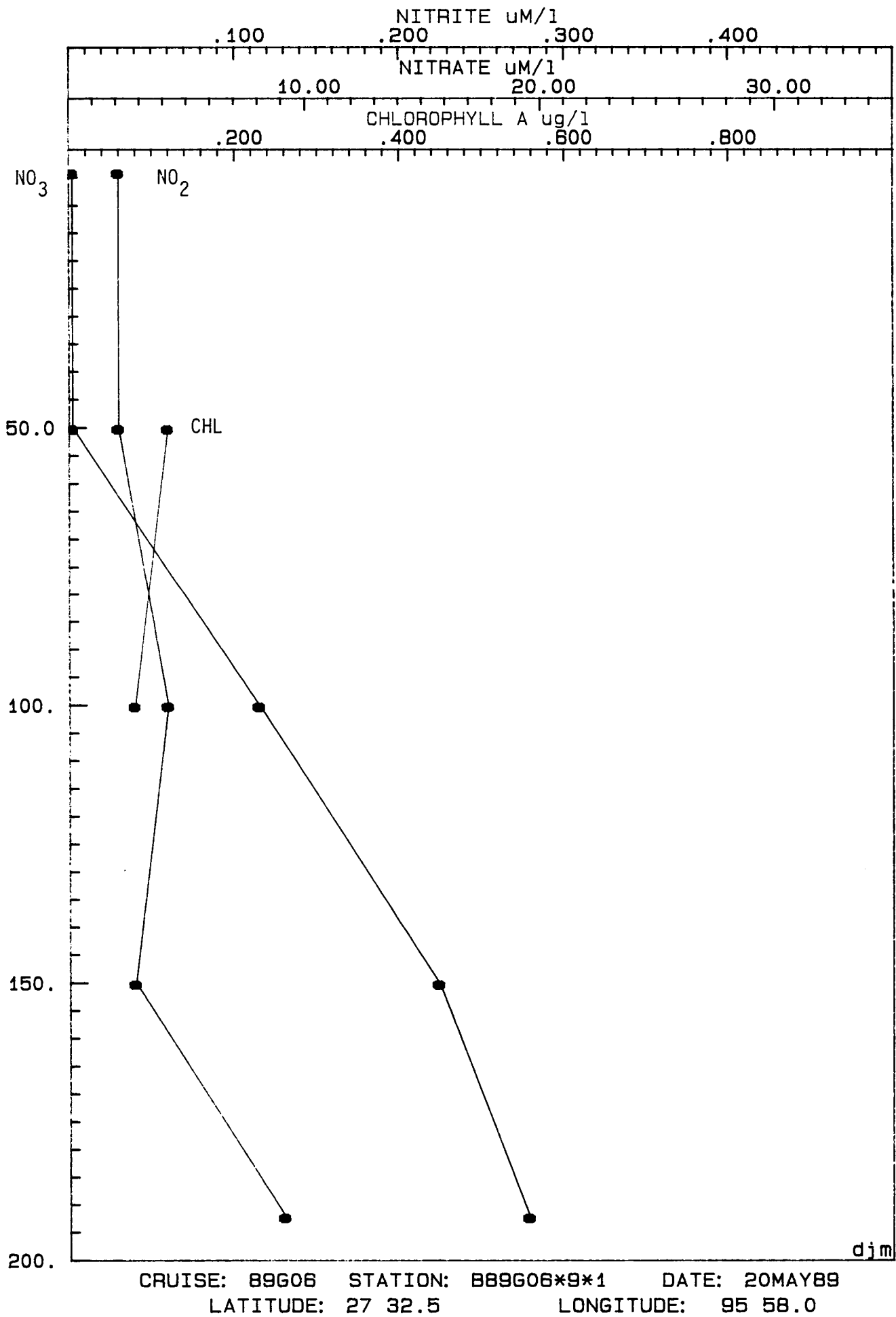
CRUISE: 89G06 STATION: B89G06\*8\*1 DATE: 20MAY89  
 LATITUDE: 27 28.4 LONGITUDE: 95 47.2

djm

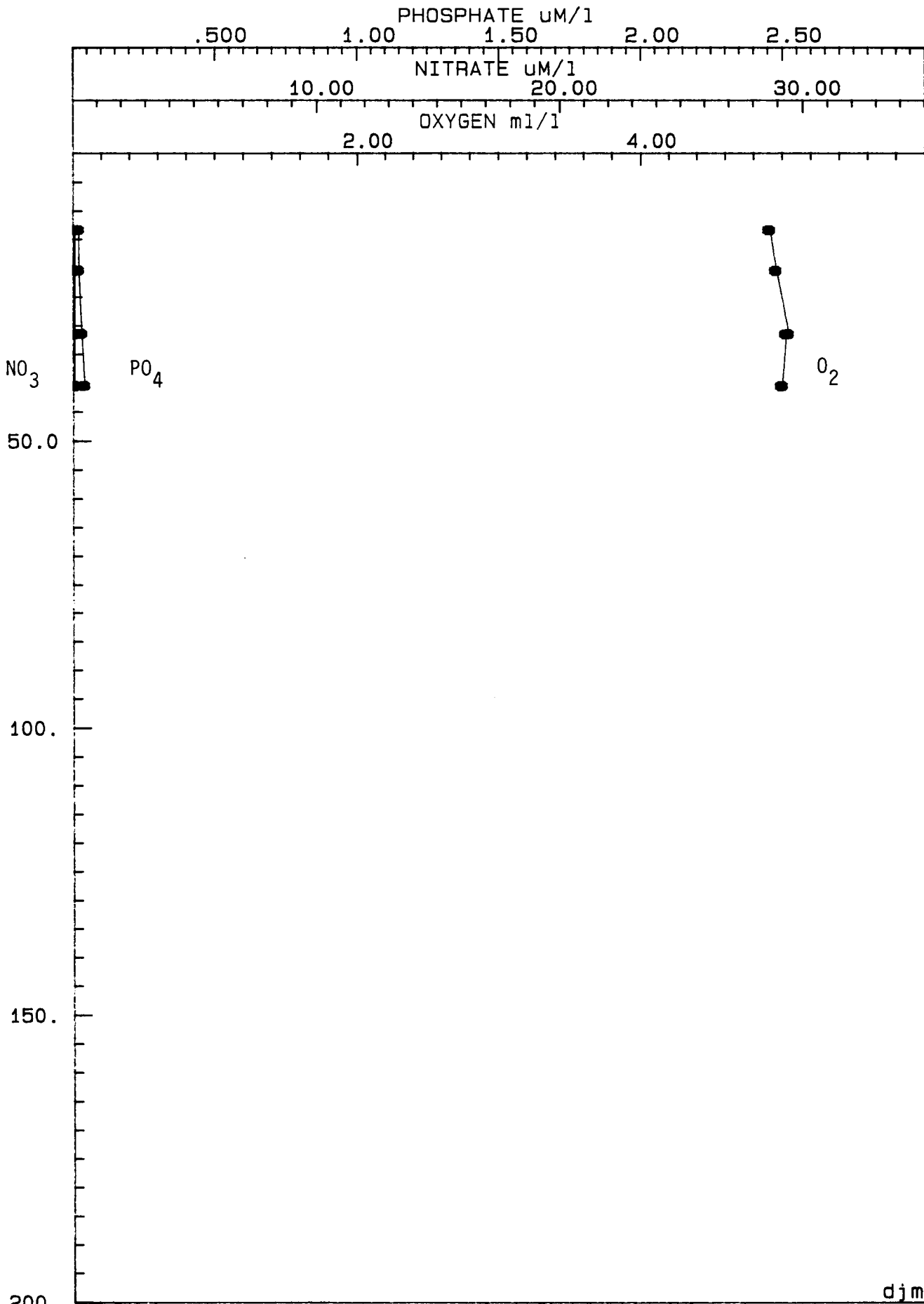


CRUISE: 89G06 STATION: B89G06\*9\*1 DATE: 20MAY89  
 LATITUDE: 27 32.5 LONGITUDE: 95 58.0

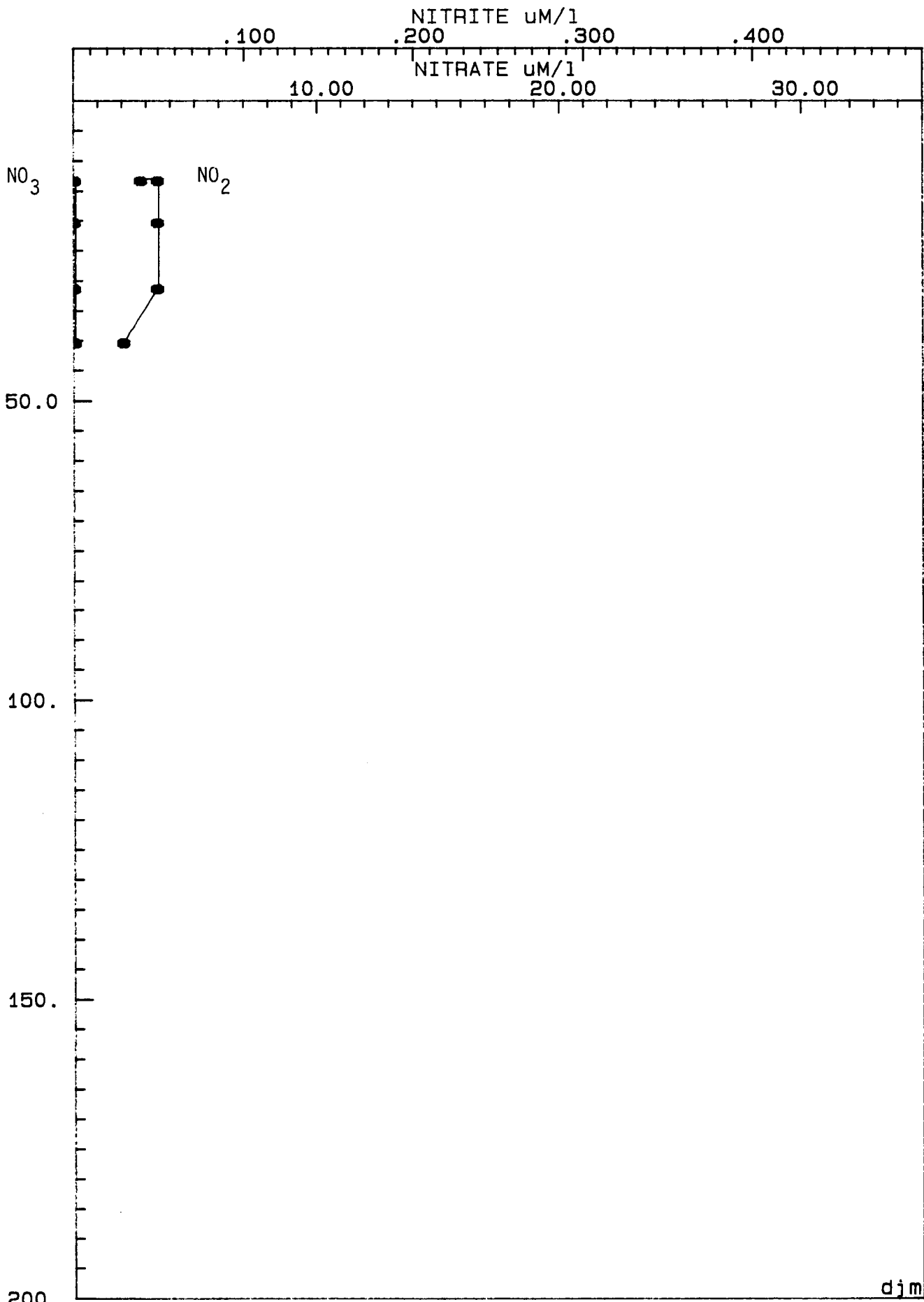
djm







CRUISE: 89G06 STATION: B89G06\*10\*1 DATE: 20MAY89  
 LATITUDE: 27 37.5 LONGITUDE: 96 13.1



CRUISE: 89G06 STATION: B89G06\*10\*1 DATE: 20MAY89  
 LATITUDE: 27 37.5 LONGITUDE: 96 13.1

djm

GMT 0531  
21 MAY 89

B89G06  
STATION 11

27 43.1  
96 323

BOTTLE #	DEPTH	T	S	DO	NO <sub>3</sub>	NO <sub>2</sub>	NH <sub>4</sub>	UREA	SiOH <sub>4</sub>	PO <sub>4</sub>	CHL	PHAEO
21	3	26.45	31.032	5.10	0.1	0.02	<.1	<.1	2.2	<.01	0.09	0.05
20	11	25.34		5.02	0.1	0.03	<.1	<.1	2.9	0.01	-	-
19	20	24.78	34.411	5.06	<.1	0.04	0.1	0.1	2.8	0.02	-	-
18	45	20.03	35.708	4.05	3.4	0.12	<.1	<.1	7.4	0.26	-	-

GMT 1205  
21 MAY 89

B89G06  
STATION 12

27 50.0  
96 53.1

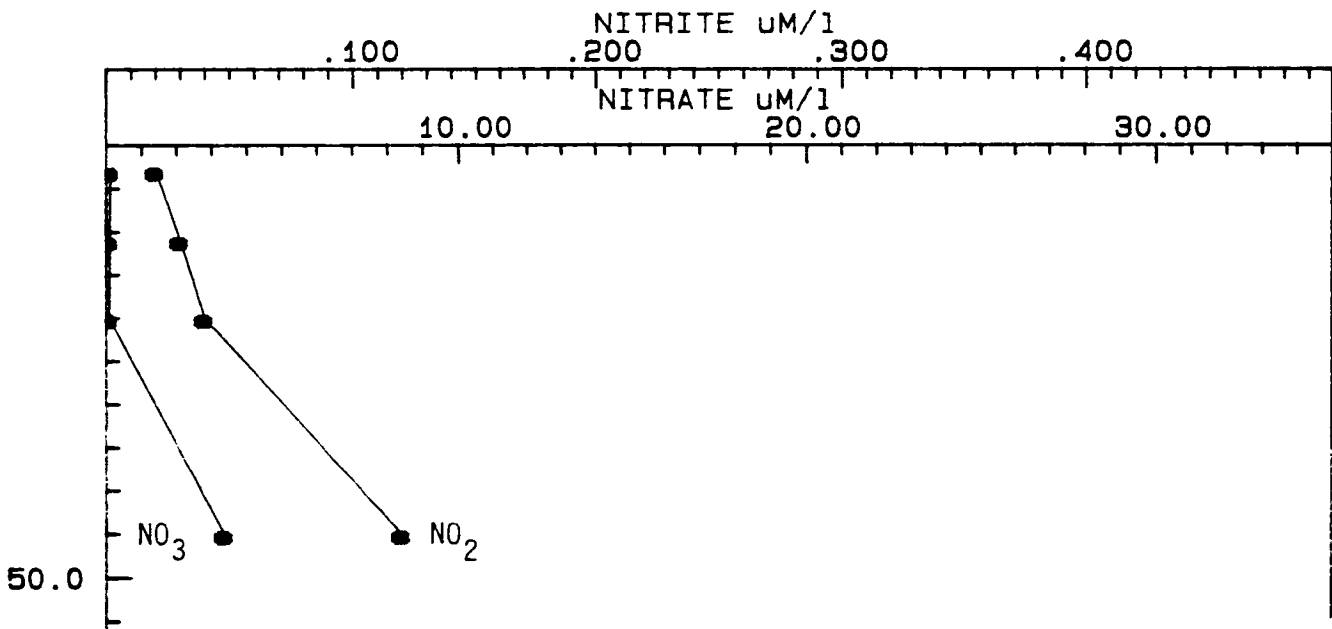
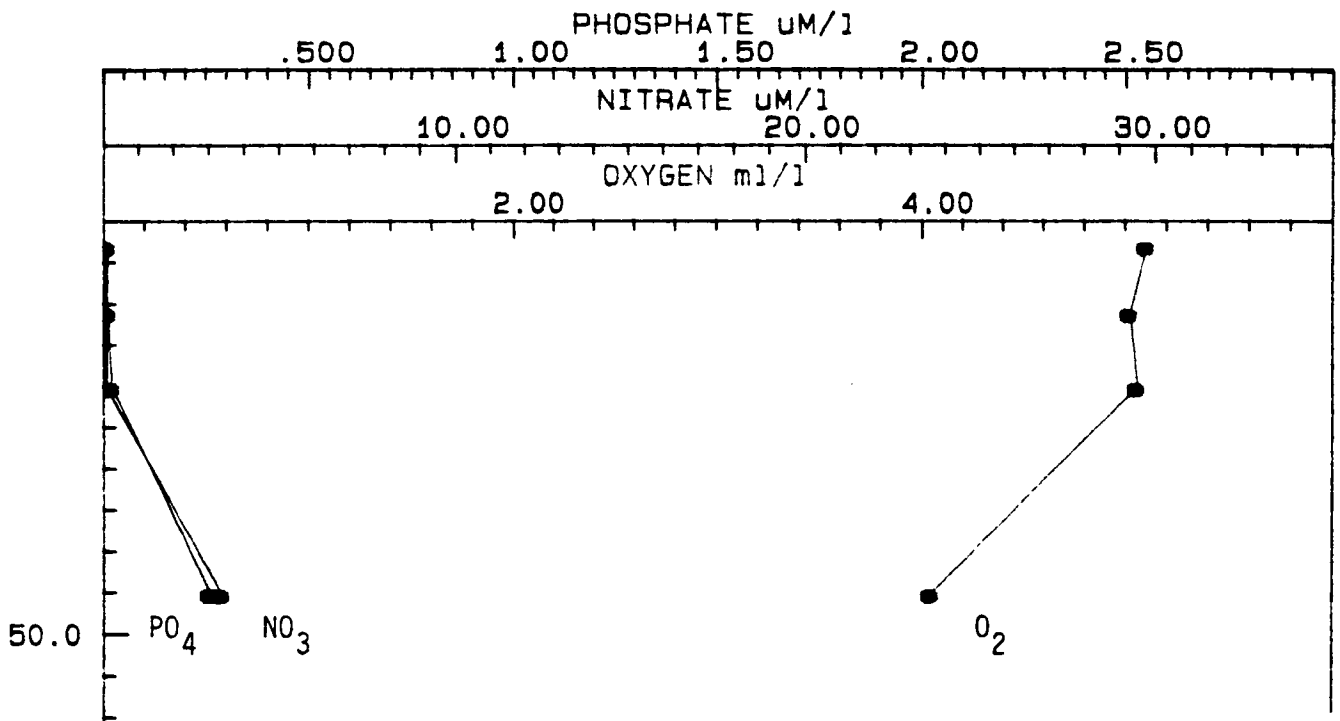
BOTTLE #	DEPTH	T	S	DO	NO <sub>3</sub>	NO <sub>2</sub>	NH <sub>4</sub>	UREA	SiOH <sub>4</sub>	PO <sub>4</sub>	CHL	PHAEO
1	3	26.05	29.491	5.02	0.4	0.15	0.4	0.3	5.9	0.16	-	-
24	8	26.05	29.489	4.93	0.4	0.16	0.5	0.3	6.0	0.16	-	-
23	13	26.05	29.433	4.94	0.7	0.23	0.7	0.7	6.3	0.20	-	-
22	17	25.63	29.445	4.77	0.7	0.23	0.7	0.4	5.9	0.20	1.06	0.35

GMT 0601  
22 MAY 89

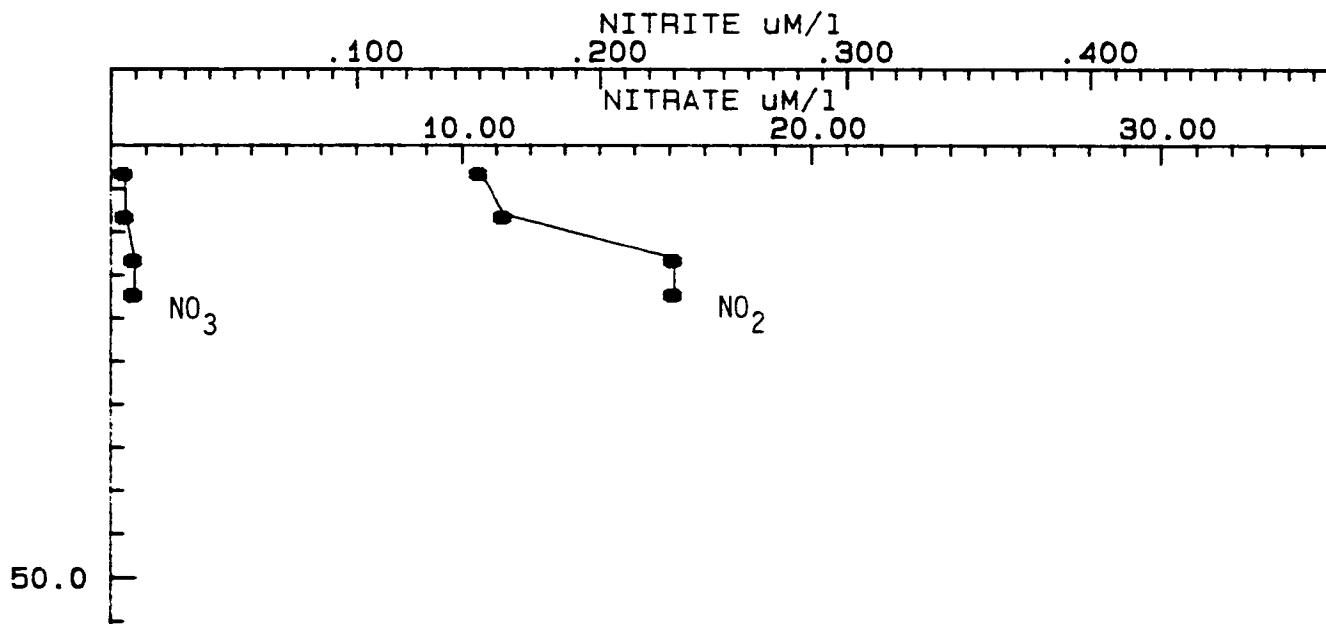
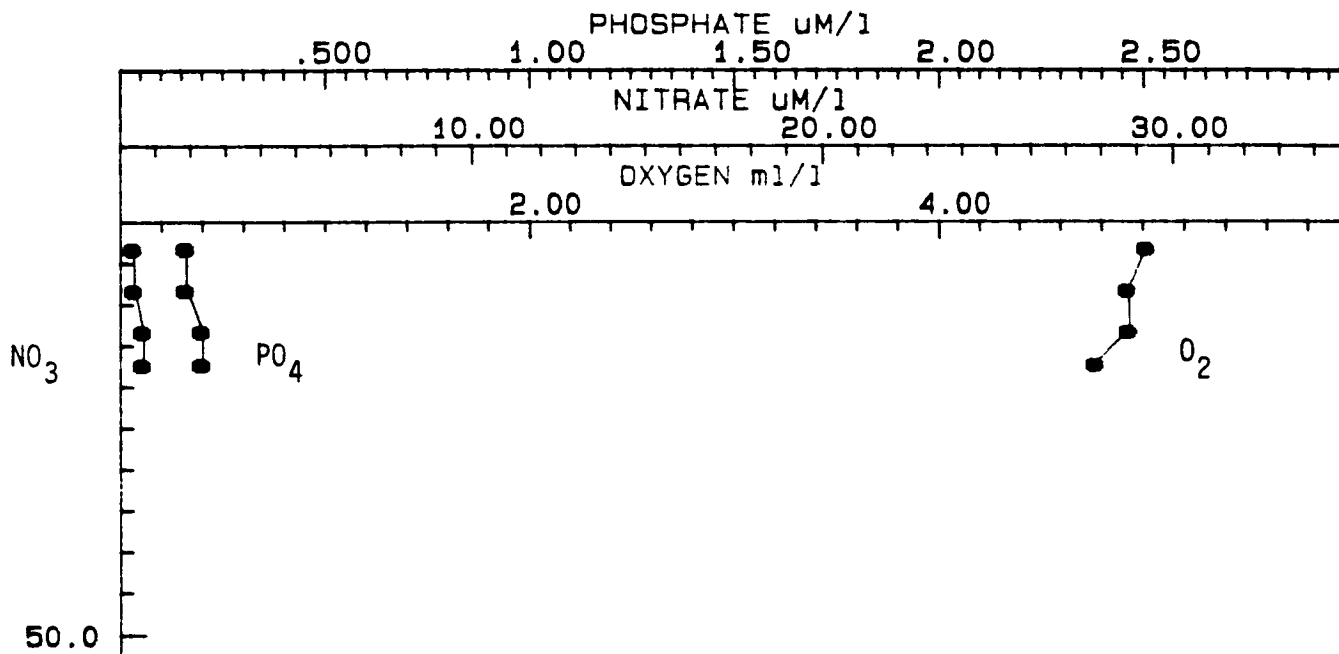
B89G06  
STATION 13

27 57.7  
94 23.9

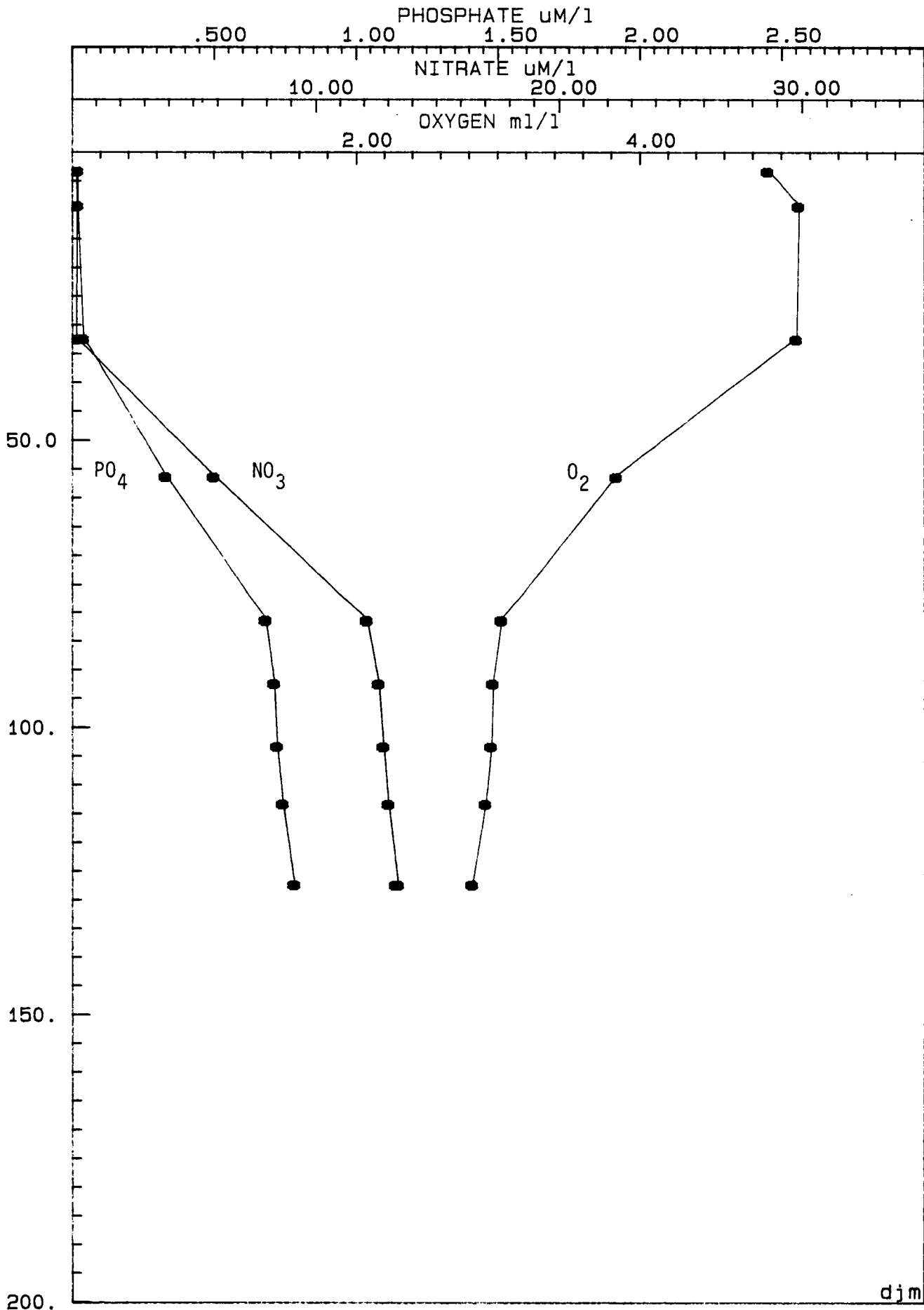
BOTTLE #	DEPTH	T	S	DO	NO <sub>3</sub>	NO <sub>2</sub>	NH <sub>4</sub>	UREA	SiOH <sub>4</sub>	PO <sub>4</sub>	CHL	PHAEO
10	3	26.70	32.245	4.90	0.2	0.01	0.2	<.1	2.5	0.02	-	-
9	9	26.19	-	5.12	0.2	<.01	0.1	<.1	2.5	0.02	0.18	0.11
8	32	20.21	35.834	5.10	0.2	0.01	<.1	<.1	1.6	0.04	-	-
7	56	19.41	36.334	3.83	5.8	0.09	<.1	<.1	3.2	0.33	0.16	0.10
6	81	18.02	36.350	3.02	12.1	0.04	<.1	<.1	4.6	0.68	0.10	0.10
5	92	17.91	36.328	2.97	12.6	0.03	<.1	<.1	4.8	0.71	0.08	0.09
4	103	17.81	36.328	2.95	12.8	0.04	<.1	<.1	5.0	0.72	0.09	0.10
3	113	17.80	36.313	2.91	13.0	0.05	<.1	<.1	5.1	0.74	0.07	0.11
2	127	17.58	36.289	2.82	13.4	0.08	<.1	<.1	6.1	0.78	-	-
1	127	17.58	36.289	2.82	13.3	0.09	<.1	<.1	6.1	0.78	-	-



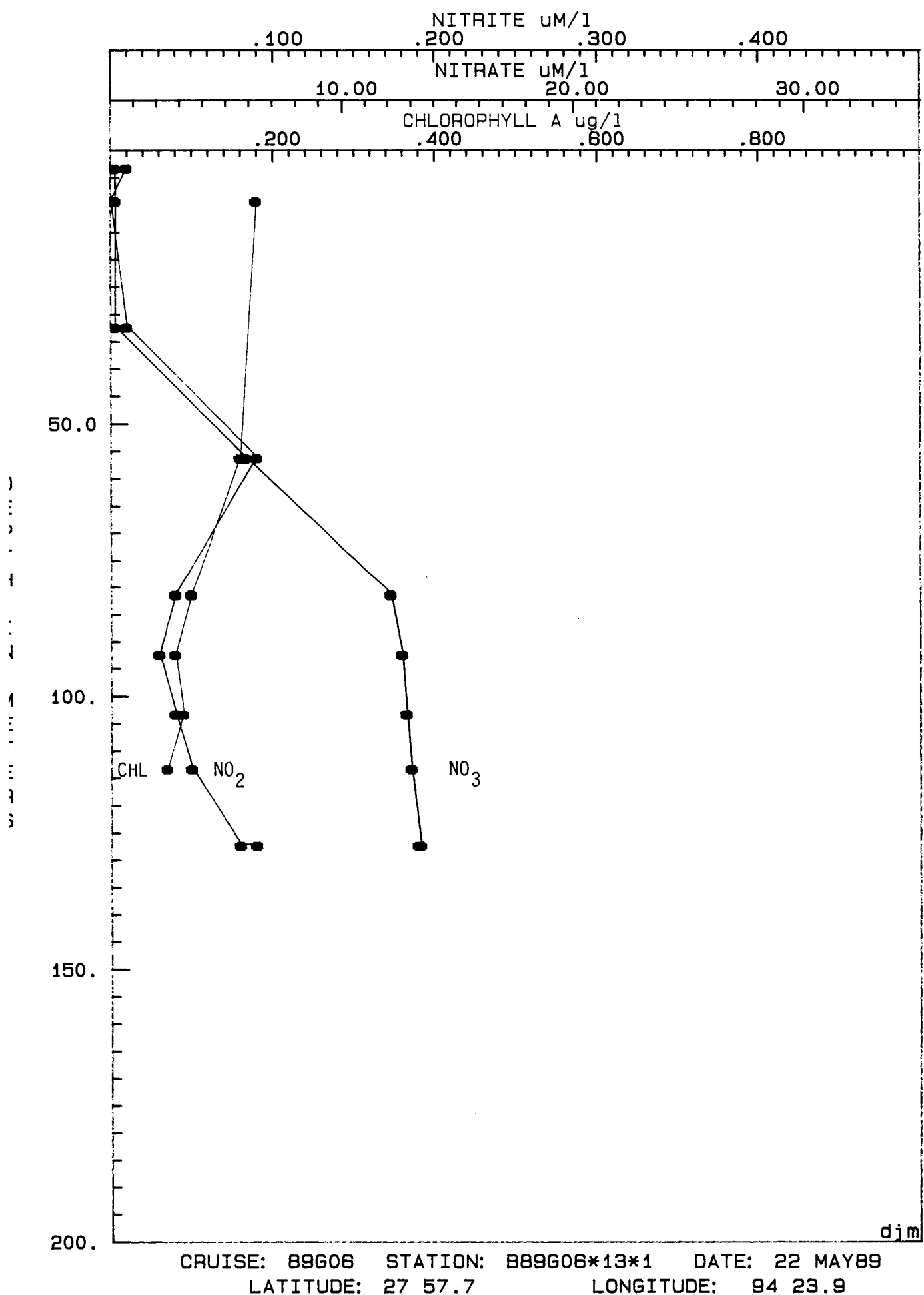
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 CRUISE: 89G06 STATION: B89G06\*11\*1 DATE: 21 MAY 8  
 LATITUDE: 27 43.1 LONGITUDE: 96 32.3



CRUISE: 89G06 STATION: 889G06\*12\*1 DATE: 21 MAY 8  
 LATITUDE: 27 50.0 LONGITUDE: 96 53.1



CRUISE: 89G06 STATION: B89G06\*13\*1 DATE: 22 MAY89  
 LATITUDE: 27 57.7 LONGITUDE: 94 23.9



CRUISE: 89G06 STATION: 889G06\*13\*1 DATE: 22 MAY89  
 LATITUDE: 27 57.7 LONGITUDE: 94 23.9

djm

GMT 1239  
22 MAY 89

B89G06  
STATION 14

28 17.1  
93 37.1

BOTTLE #	DEPTH	T	S	DO	NO <sub>3</sub>	NO <sub>2</sub>	NH <sub>4</sub>	UREA	SiOH <sub>4</sub>	PO <sub>4</sub>	CHL	PHAEO
15	3	26.18	32.878	5.02	<.1	0.06	<.1	<.1	3.9	<.01	0.17	0.09
14	15	24.77	—	5.22	<.1	0.07	<.1	<.1	2.8	0.01	0.25	0.09
13	30	21.14	36.228	5.70	<.1	0.07	<.1	0.1	3.0	0.02	0.36	0.19
12	40	20.49	36.317	5.24	<.1	0.07	<.1	0.1	2.5	0.03	0.42	0.23
11	50	19.73	36.379	4.45	1.5	0.78	<.1	0.1	4.7	0.17	1.06	0.44

GMT 1732  
22 MAY 89

B89G06  
STATION 15

28 29.0  
92 59.5

BOTTLE #	DEPTH	T	S	DO	NO <sub>3</sub>	NO <sub>2</sub>	NH <sub>4</sub>	UREA	SiOH <sub>4</sub>	PO <sub>4</sub>	CHL	PHAEO
9	3	25.84	34.178	5.01	<.1	0.05	<.1	0.3	4.8	0.01	0.18	0.10
4	10	25.72	34.209	4.96	<.1	0.05	<.1	0.2	5.7	0.01	0.16	0.06
24	21	24.54	—	4.97	<.1	0.07	<.1	0.2	4.1	0.01	0.23	0.08
20	31	22.02	—	5.02	<.1	0.07	<.1	0.2	5.3	0.04	0.32	0.16
16	42	21.39	36.415	5.10	<.1	0.08	<.1	0.3	4.9	0.05	0.66	0.22

GMT 1208  
23 MAY 89

B89G06  
STATION 16

29 12.9  
91 28.3

BOTTLE #	DEPTH	T	S	DO	NO <sub>3</sub>	NO <sub>2</sub>	NH <sub>4</sub>	UREA	SiOH <sub>4</sub>	PO <sub>4</sub>	CHL	PHAEO
4	2	27.81	26.966	4.69	0.2	0.35	1.2	1.4	8.6	0.87	—	—
3	2	27.81	26.966	4.82	—	—	—	—	—	—	—	—
2	5	27.79	26.992	4.83	0.2	0.36	1.5	1.6	8.6	0.93	—	—
1	5	27.79	26.992	4.95	—	—	—	—	—	—	—	—

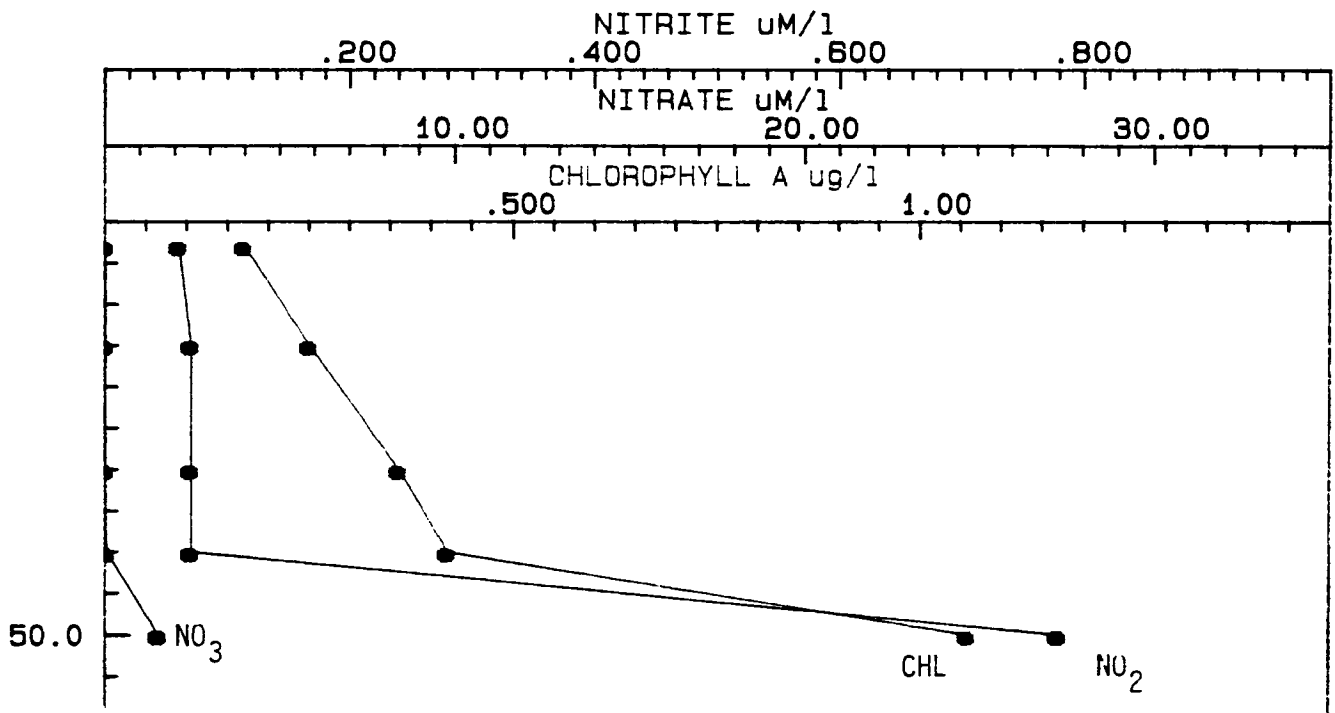
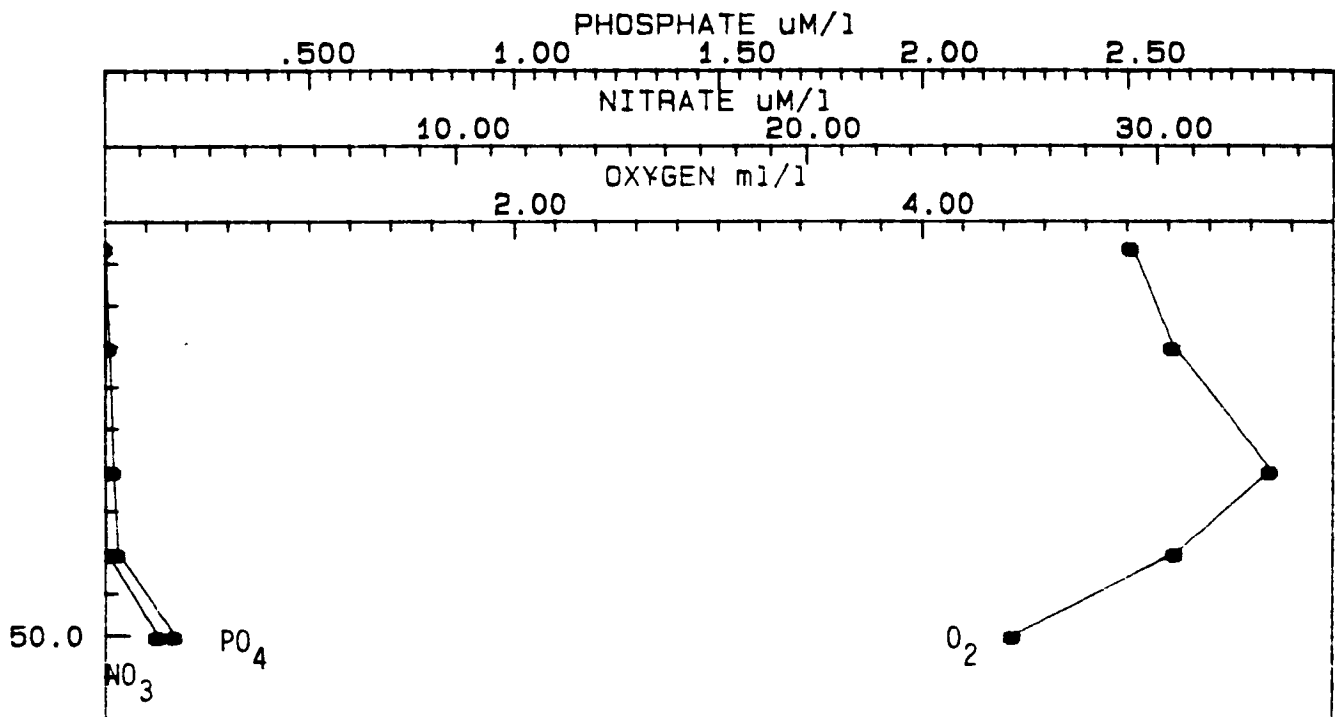
GMT 1722  
23 MAY 89

B89G06  
STATION 17

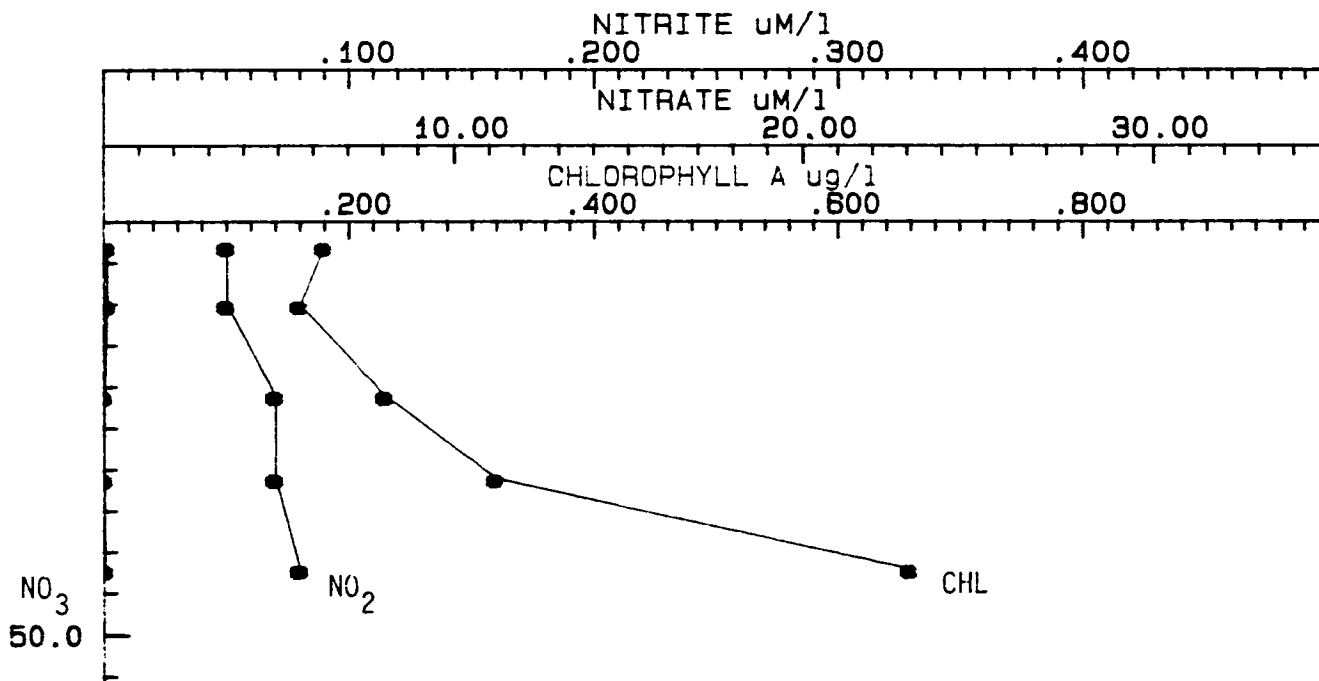
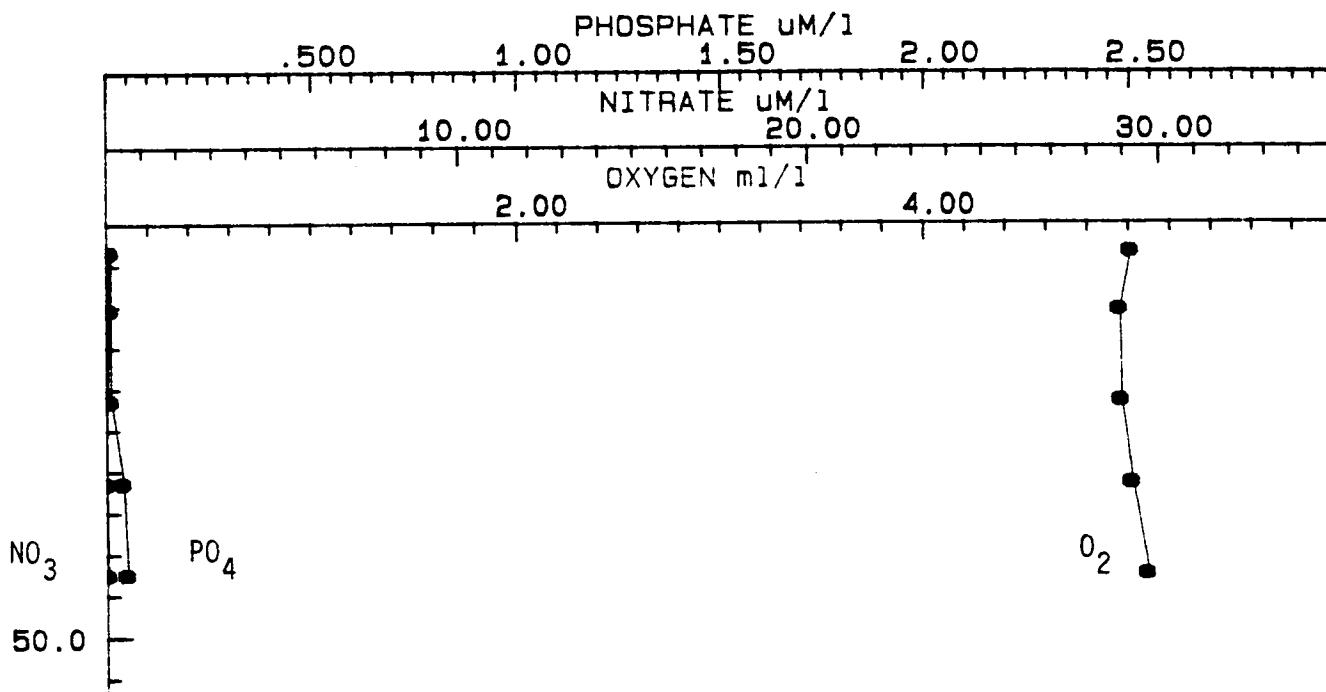
29 28.9  
91 16.6

BOTTLE #	DEPTH	T	S	DO	NO <sub>3</sub>	NO <sub>2</sub>	NH <sub>4</sub>	UREA	SiOH <sub>4</sub>	PO <sub>4</sub>	CHL	PHAEO
8	5	23.09	0.098	4.14	—	1.47	5.7	4.2	—	—	0.4	0.4
1	10	22.95	0.098	4.03	—	1.50	5.8	4.0	—	—	0.3	0.4

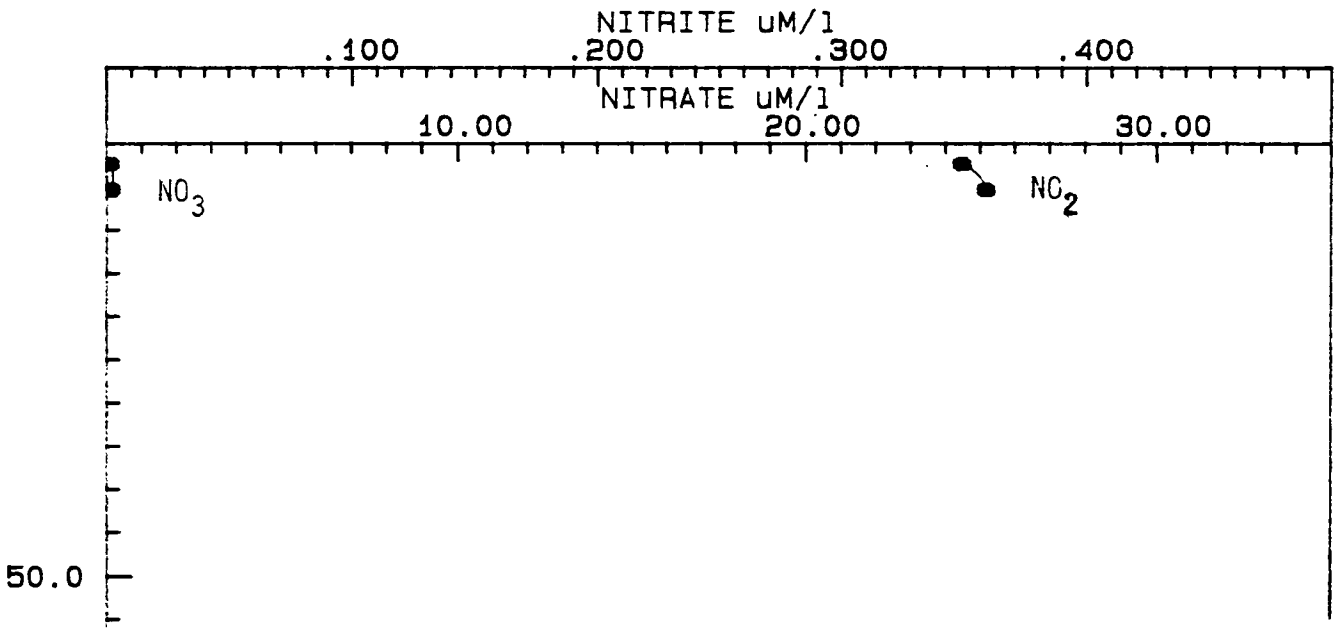
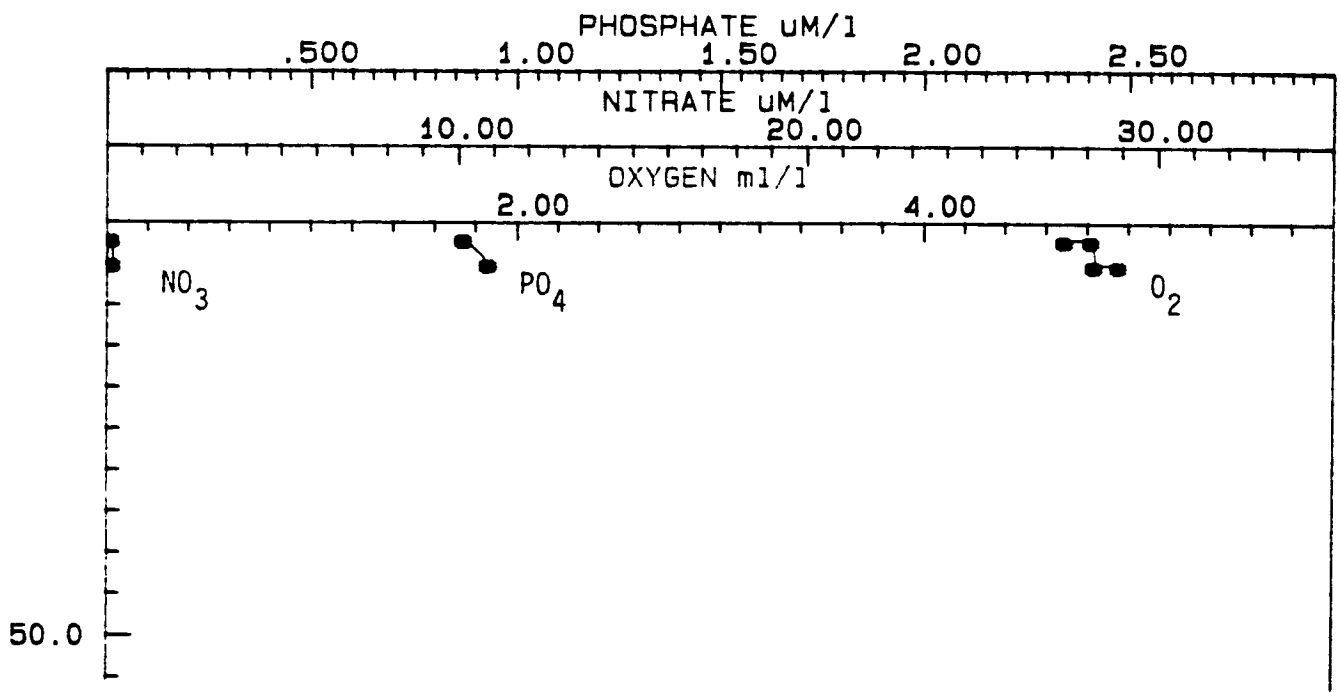




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 CRUISE: 89G06 STATION: B89G06\*14\*1 DATE: 22MAY89  
 LATITUDE: 28 17.1 LONGITUDE: 93 37.1



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 CRUISE: 89G06 STATION: B89G06\*15\*1 DATE: 22MAY89  
 LATITUDE: 28 29.0 LONGITUDE: 92 59.5



CRUISE: 89G06 STATION: 889G06\*16\*1 DATE: 23MAY89  
 LATITUDE: 29 12.9 LONGITUDE: 91 28.3

24 MAY 89

STATION 18

91 30.0

BOTTLE #	DEPTH	T	S	DO	NO <sub>3</sub>	NO <sub>2</sub>	NH <sub>4</sub>	UREA	SiOH <sub>4</sub>	PO <sub>4</sub>	CHL	PHAEO
4	0	26.56	35.441	4.95	0.1	0.01	<.1	<.1	3.3	<.01	-	-
3	0	26.56	35.444	4.97	<.1	0.02	<.1	0.1	3.3	0.01	-	-
2	0	26.56	35.441	4.85	<.1	0.02	<.1	<.1	3.3	0.02	-	-
1	10	26.21	35.507	4.94	<.1	0.02	<.1	<.1	3.1	0.01	0.10	0.04
24	10	26.21	35.503	5.00	<.1	0.03	<.1	<.1	3.1	0.02	-	-
23	10	26.21	35.525	5.10	<.1	0.03	<.1	0.1	3.0	0.03	-	-
22	20	24.06	35.926	5.06	<.1	0.04	<.1	0.2	1.8	0.04	0.10	0.05
21	20	24.06	35.936	5.06	<.1	0.04	<.1	0.2	3.1	0.05	-	-
20	20	24.06	35.955	5.03	<.1	0.05	<.1	0.2	1.9	0.05	-	-
19	30	21.64	36.362	5.26	<.1	0.05	<.1	0.2	2.8	0.06	0.11	0.04
18	30	21.64	36.365	5.37	<.1	0.06	<.1	0.3	2.8	0.07	-	-
17	30	21.64	36.373	5.35	<.1	0.07	<.1	0.4	1.6	0.08	-	-
16	40	21.22	36.448	5.18	<.1	0.07	<.1	0.3	2.3	0.11	0.24	0.14
15	40	21.22	36.448	5.12	<.1	0.06	<.1	0.3	2.3	0.14	-	-
14	40	21.22	36.448	5.14	<.1	<.01	0.1	0.3	3.6	0.15	-	-
13	40	21.22	36.448	5.11	<.1	0.07	0.1	0.4	3.7	0.13	-	-

GMT 1203

BB9606

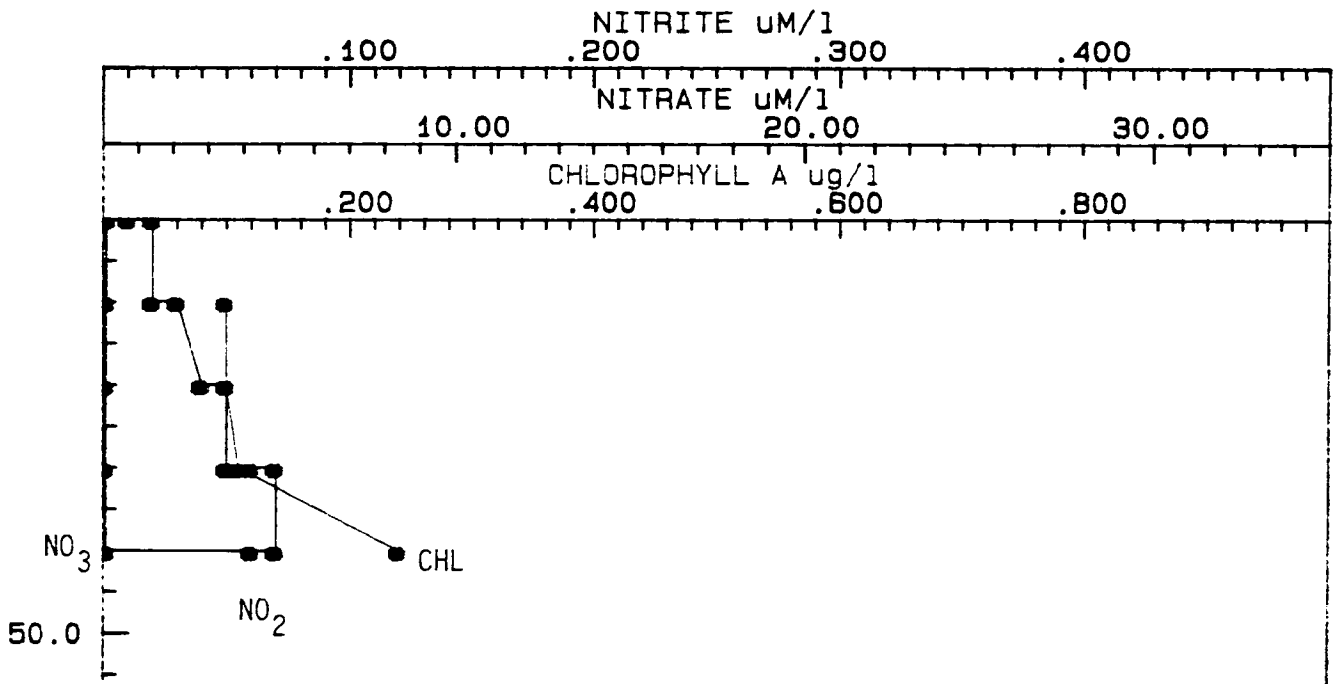
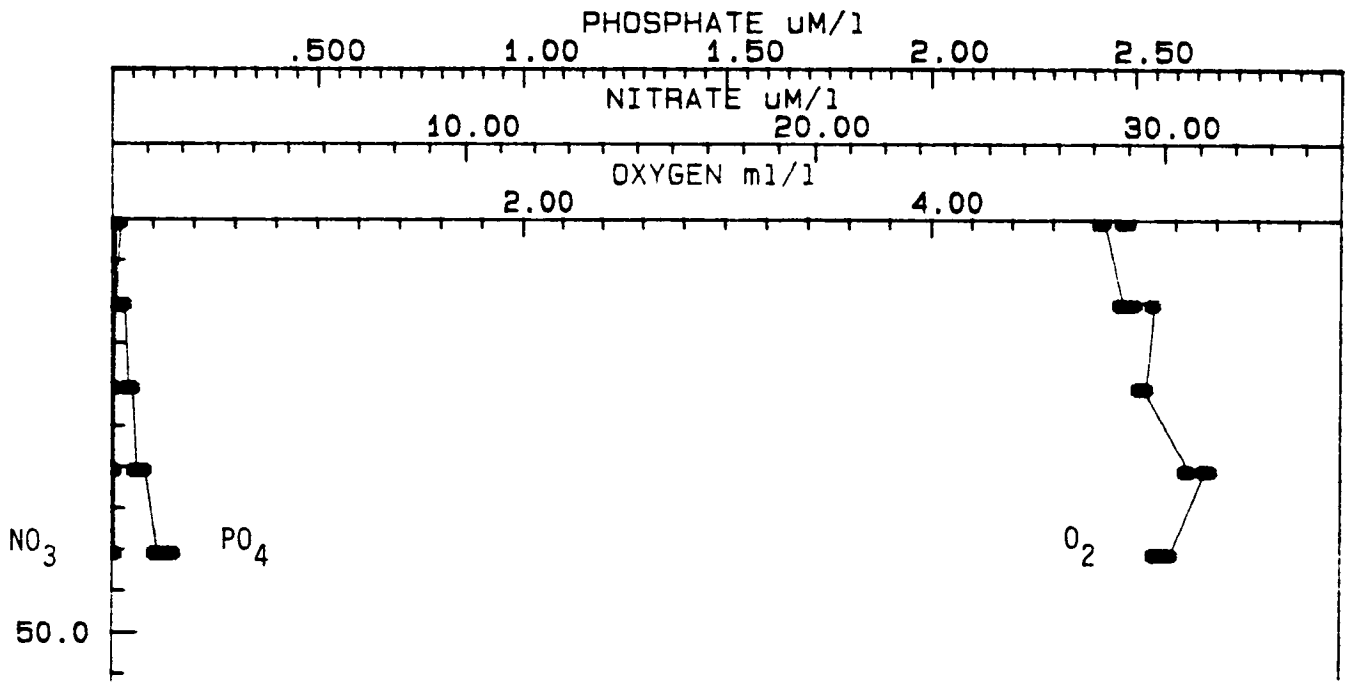
28 44.9

24 MAY 89

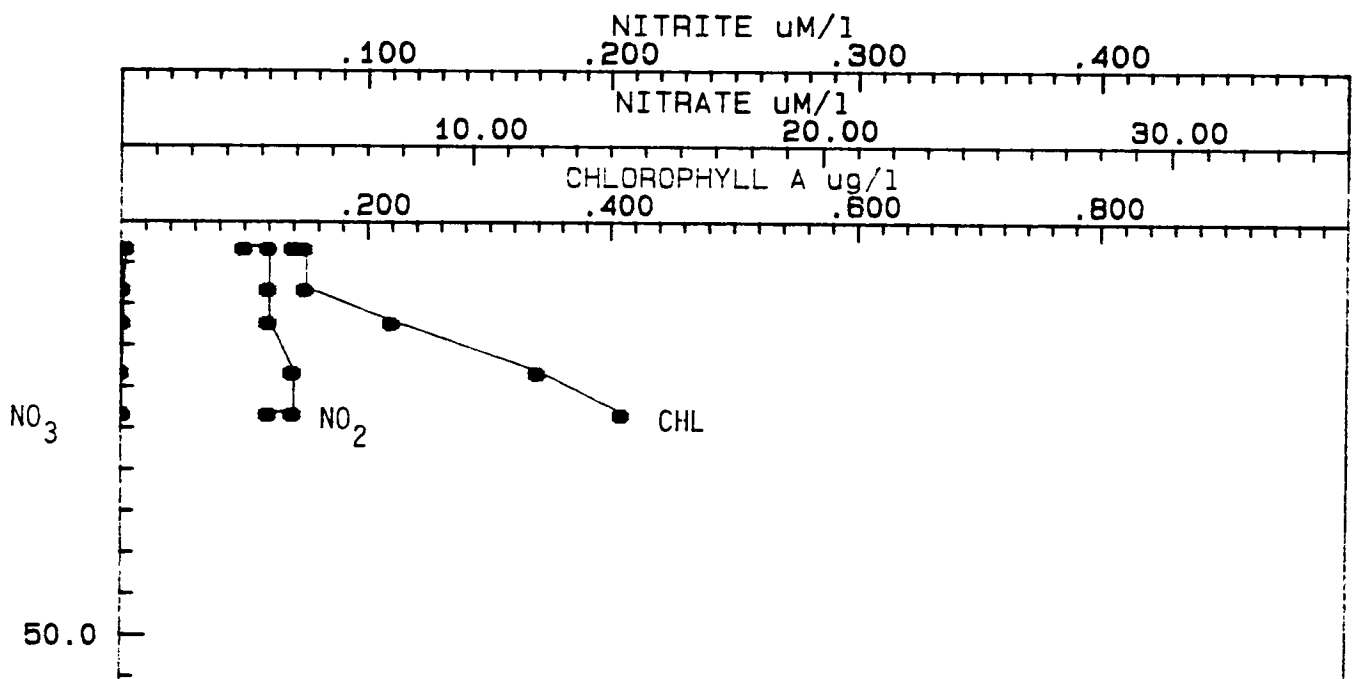
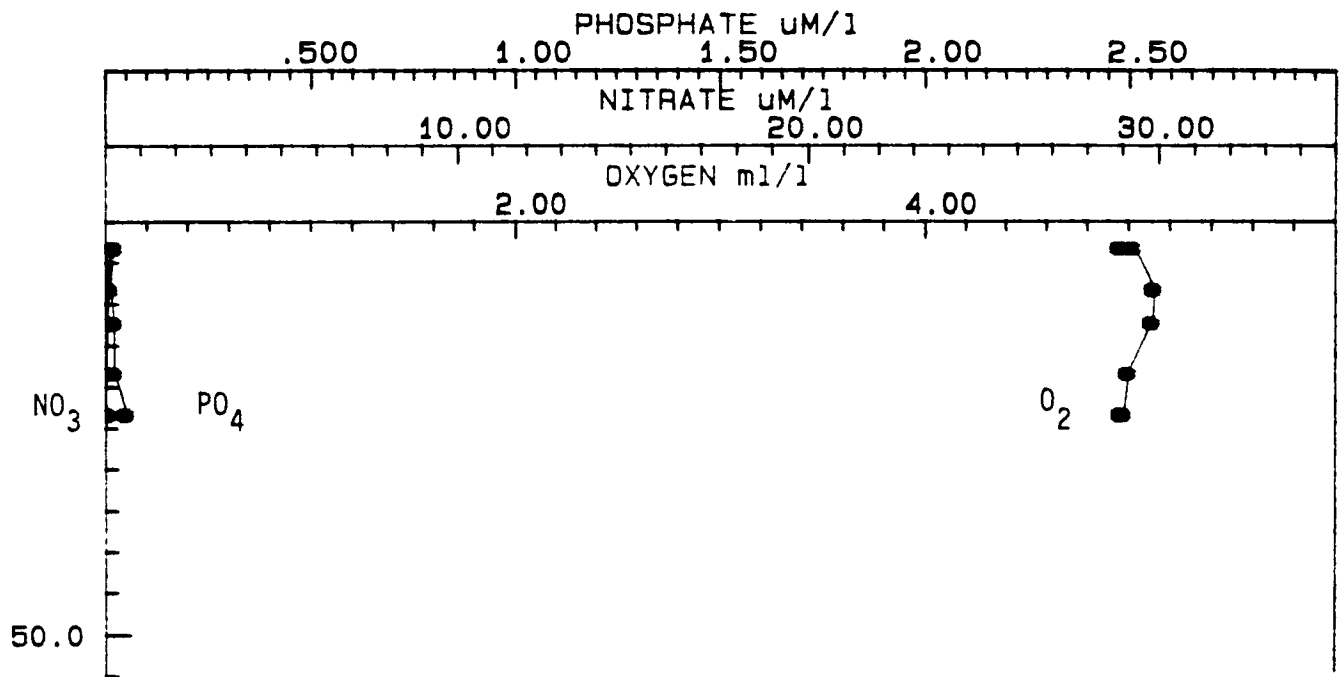
STATION 19

91 59.0

BOTTLE #	DEPTH	T	S	DO	NO <sub>3</sub>	NO <sub>2</sub>	NH <sub>4</sub>	UREA	SiOH <sub>4</sub>	PO <sub>4</sub>	CHL	PHAEO
7	3	25.84	34.499	4.95	0.2	0.05	0.6	0.2	5.0	0.01	0.14	0.08
6	3	25.84	34.399	5.02	0.2	0.06	0.3	0.5	5.2	0.02	0.15	0.08
5	8	25.76	-	5.12	<.1	0.06	0.3	0.2	3.3	0.01	0.15	0.10
4	12	25.15	-	5.11	<.1	0.06	0.2	0.4	4.4	0.02	0.22	0.08
3	18	24.28	-	5.00	<.1	0.07	0.1	0.2	4.8	0.02	0.34	0.11
2	23	22.38	36.370	4.97	<.1	0.07	<.1	0.4	5.6	0.05	0.41	0.21
1	23	22.38	36.368	4.96	<.1	0.06	<.1	<.1	5.2	0.05	-	-



CRUISE: B9G06 STATION: B89G06\*18\*1 DATE: 24MAY89  
 LATITUDE: 28 30.2 LONGITUDE: 91 30.0

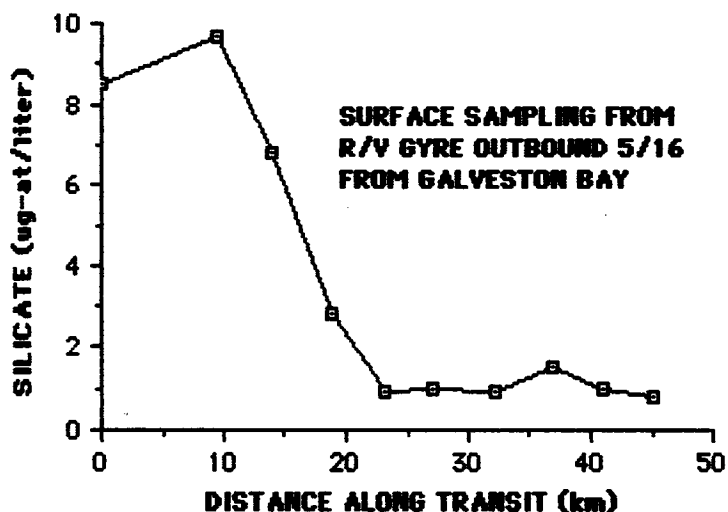


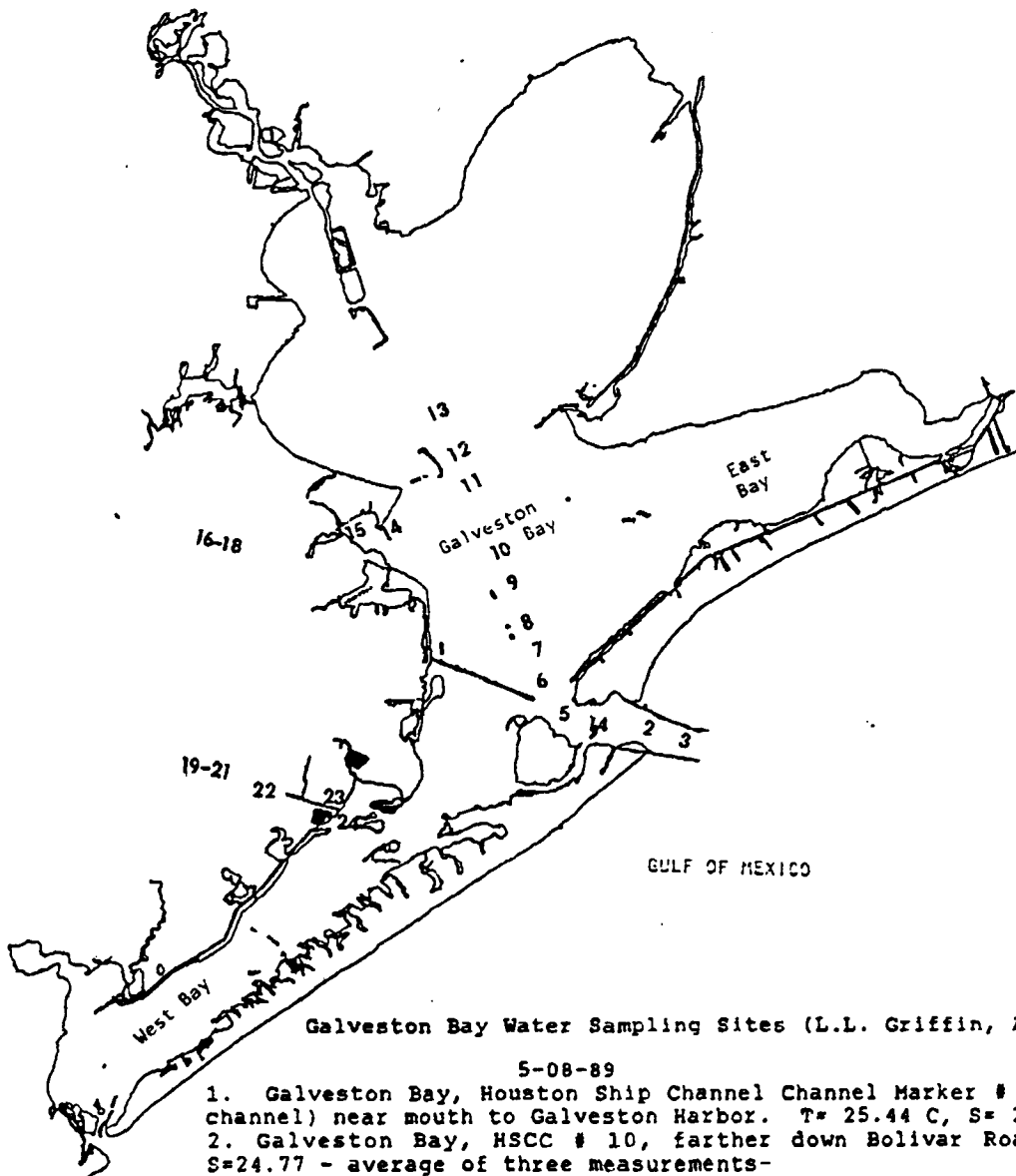
CRUISE: 89G06 STATION: B89G06\*19\*1 DATE: 24MAY89  
 LATITUDE: 28 44.9 LONGITUDE: 91 59.0

## GALVESTON BAY SAMPLING

To extend the cooperative program between Texas A&M University campuses in Galveston and College Station that was begun in October 1988 and continued in March 1989 when Galveston Bay sites were sampled the week before R/V GYRE Training & Research cruises 88G-05 and 89G-02 departed to survey the Texas shelf, L.L. Griffin and A.M. Landry collected 24 samples from various stations in Galveston Bay on 8 and 11 May. They filtered 250 ml of bay water onto GF/C filters and then froze the filters to be processed for CHL + PHAEO at sea during 89G-06. About 50 ml of the filtrate from each of these collections were also frozen, in screw-cap plastic bottles, and these were also processed at sea on cruise 89G-06 with our six-channel AA-II.

Dr. Griffin's summary of sampling sites and station map is presented on the next page, followed by a tabulation of the nutrients and chlorophyll data. As they had in March 1989, these data demonstrate that Galveston Bay and its tributary bayous have very high silicate and high phosphate concentrations, which we were able to use to trace the estuarine outflow onto the inner shelf. Below is a summary of silicate concentrations in surface samples that were collected by bucket sampling every 15 minutes for the first few hours of cruise 89G-06, while R/V GYRE was underway headed SSE from just off the Galveston sea buoy (29 18N, 94 37W) to just north of the first CTD station (28 56N, 94 23W):





Galveston Bay Water Sampling Sites (L.L. Griffin, A. M. Landry)

5-08-89

1. Galveston Bay, Houston Ship Channel Channel Marker # 16 (Northeast of channel) near mouth to Galveston Harbor. T= 25.44 C, S= 25.23 ppt
2. Galveston Bay, HSCC # 10, farther down Bolivar Roads. T= 25.37 C, S=24.77 - average of three measurements-
3. Galveston Bay, HSCC # 8, Bolivar Roads near end of Jetties. T= 25.56, S= 25.08
4. Galveston Bay, repeat of HSCC #16. T=25.67 C S= 25.30 ppt
5. Galveston Bay, HSCC # 18, between Pelican Island and Bolivar Peninsula. T= 25.38 C S= 25.08 ppt
6. Galveston Bay, HSCC # 26, north of intersection of HSC, Intracoastal waterway and Texas City Channel. T= 25.64 C, S= 24.37 ppt
7. Galveston Bay, HSCC # 32. T= 25.66 C, S= 23.80 ppt
8. Galveston Bay, HSCC# 34. T= 25.61 C, S= 24.17 ppt
9. Galveston Bay, HSCC #38. T= 25.34 C, S= 25.05 ppt
10. Galveston Bay HSCC # 44, south of Dickinson Bay. T= 26.46 C, S= 22.43 ppt
11. Galveston Bay HSCC #52. T= 26.46 C, S= 19.63 ppt
12. Galveston Bay HSCC # 56, near Redfish Island. T= 18.57 C, S= 26.40
13. Galveston Bay HSCC # 60. T= 26.14 C, S= 18.30 ppt

5-11-89

14. Dickinson Bay. T= 24.02 C, S= 16.01 ppt
15. Dickinson Bayou, Dickinson CM #27. T= 23.77, S= 18.43 ppt
16. Dickinson Bayou, ca. 2 km upstream. T= 23.87 C, S= 14.74 ppt
17. Dickinson Bayou, ca. 5 km upstream. T= 25.14 C, S= 9.90 ppt
18. Dickinson Bayou, upstream, opposite park on upstream side of IH45. T= 25.65 C, S= 6.32 ppt
19. Highland Bayou Diversionary Canal (HBDC) "U1000", ca 15 km upstream. T= 28.22 C, S= 14.06 ppt
20. HBDC "D2000", ca 12 km upstream. T= 27.14 C, S= 18.92 ppt
21. HBDC "D5000". ca 9 km upstream. T= 26.62 C, S= 22.18 ppt
22. HBDC "D8000", ca. 6 km upstream. T= 25.85 C, S= 25.40 ppt
23. HBDC mouth to Jones Lake (West Bay). T= 25.10 C, S=26.24 ppt
24. Jones Lake (West Bay) near marker ca. 1 km from mouth to HBDC. T=24.90 C, S= 25.60 ppt



GALVESTON BAY SAMPLING

Field Data

Autobalyzer Data:  $\mu\text{mols liter}^{-1}$

Fluorometer Data  
( $\mu\text{g liter}^{-1}$ )

Sample #	Depth	T	S	Date	NO <sub>3</sub>	NO <sub>2</sub>	NH <sub>4</sub>	Urea	SiOH <sub>4</sub>	PO <sub>4</sub>	CHL	PHAEO
1	1m	25.4	25.7	8 May	0.4	0.06	0.3	0.5	3.2	0.13	2.2	0.2
2	"	25.3	24.8	"	0.3	0.04	0.2	0.5	1.2	0.11	1.6	0.2
3	"	25.6	25.1	"	0.3	0.03	0.2	0.5	0.1	0.06	1.0	0.2
4	"	25.3	25.7	"	0.3	0.03	0.1	0.4	1.1	0.06	1.1	0.1
5	"	25.4	25.1	"	0.3	0.04	0.1	0.2	2.6	0.16	2.1	0.4
6	"	25.6	24.4	"	0.3	0.10	0.1	0.4	8.4	0.49	2.0	0.7
7	"	25.7	23.8	"	0.4	0.05	0.1	0.4	9.8	0.67	1.6	0.6
8	"	25.6	24.2	"	0.3	0.04	0.6	0.3	8.3	0.55	1.8	0.4
9	"	25.3	25.0	"	0.3	0.05	0.4	0.5	5.0	0.30	1.5	0.5
10	"	26.5	22.4	"	0.2	0.02	0.2	0.3	12	0.91	1.8	1.0
11	"	26.5	19.6	"	0.2	0.03	0.2	0.6	21	1.75	4.2	1.4
12	"	26.4	18.6	"	0.3	0.03	0.2	0.6	25	2.39	4.5	2.3
13	"	26.1	18.3	"	0.1	0.01	0.1	0.3	28	2.93	4.6	2.8
14	0.3m	24.0	16.0	11 May	13.5	1.7	6.5	1.1	≈65	≈6.9	2.9	2.3
15	"	23.8	18.4	"	4.4	0.8	7.4	1.0	49	≈4.7	2.5	1.9
16	"	23.9	14.7	"	10.1	1.7	4.9	0.8	61	≈7.4	11.7	3.1
17	"	25.1	9.9	"	24.0	≈2.4	2.9	1.0	≈81	≈10.1	20.2	3.8
18	"	25.6	6.3	"	10.8	≈3.3	≈16	1.8	≈107	≈10.8	1.4	0.4
19	"	28.2	14.1	"	0.1	0.03	0.6	0.7	67	≈11.9	2.5	4.3
20	"	27.1	18.9	"	<0.1	0.01	0.3	0.7	≈74	≈11.4	2.3	3.6
21	"	26.6	22.2	"	1.6	0.03	0.2	0.6	≈73	≈10.8	15.9	3.1
22	"	25.8	25.4	"	<0.1	0.02	0.2	0.6	55	≈3.9	10.6	4.2
23	"	25.1	26.2	"	4.3	0.81	4.6	0.9	47	1.49	4.2	2.8
24	"	24.9	25.6	"	1.9	0.43	3.7	0.5	38	1.39	2.8	1.4



### The Department of the Interior Mission

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



### The Minerals Management Service Mission

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

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

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