AD-A048 581 OREGON STATE UNIV CORVALLIS SCHOOL OF OCEANOGRAPHY F/G 8/10
MIXED LAYER OBSERVATIONS DURING THE NORPAX POLE EXPERIMENT.(U)
AUG 77 J J SIMPSON, C A PAULSON N00014-67-A-0369-0007
UNCLASSIFIED DATA-66 NL

1 OF 2
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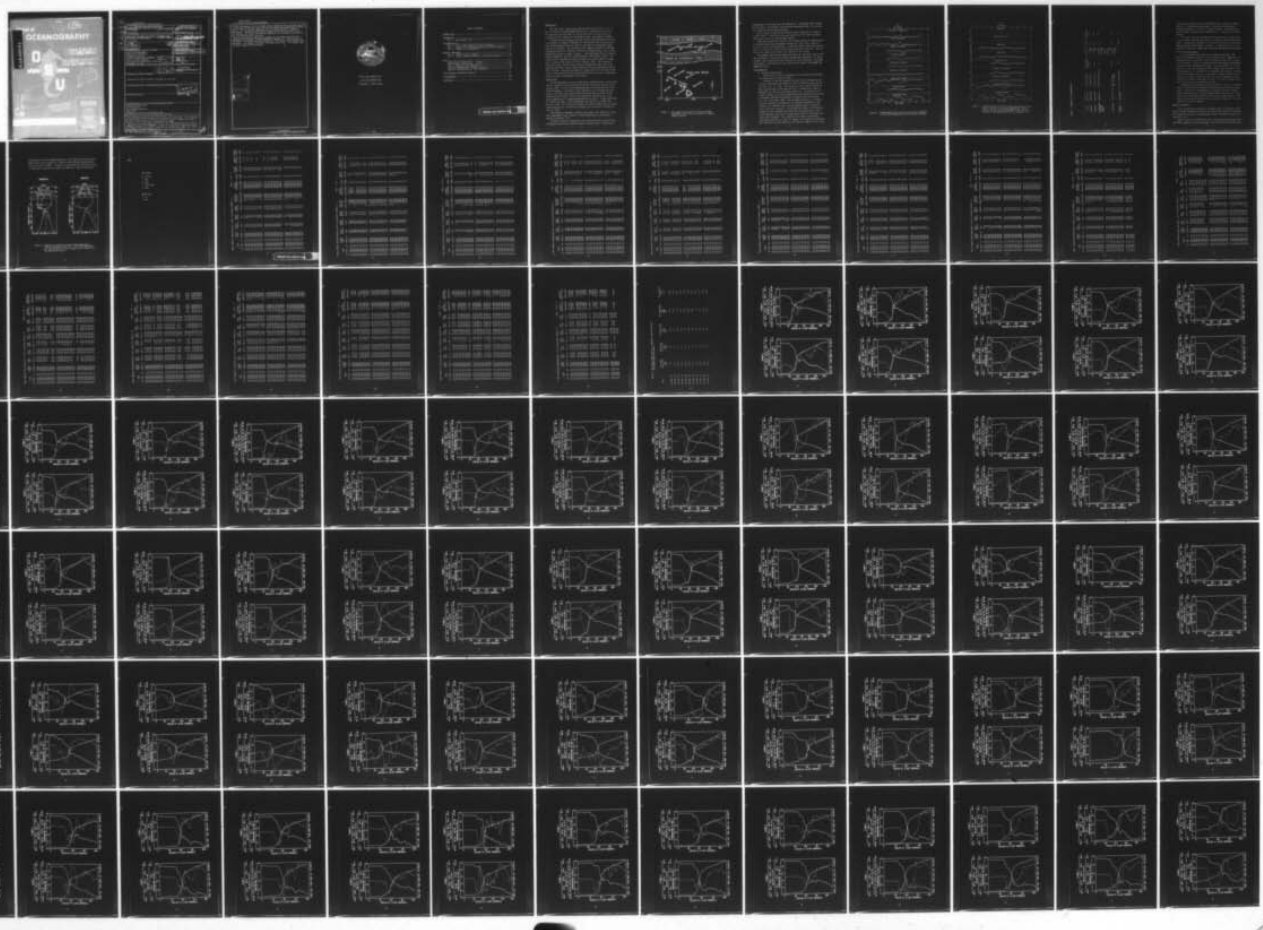

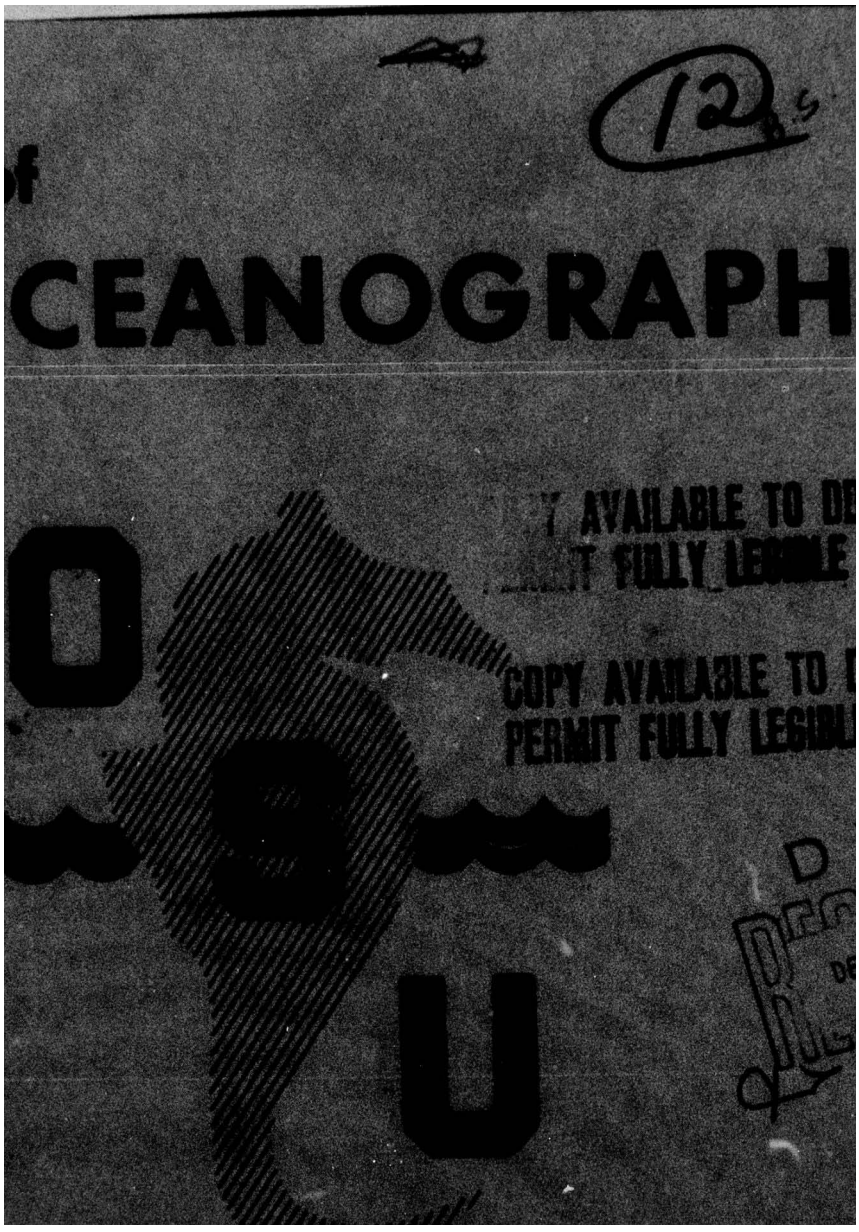
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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

DAT A-663 **REPORT DOCUMENTATION PAGE** | READ INSTRUCTIONS BEFORE COMPLETING FORM

REF — 77-5 ✓

1. REPORT NUMBER | 2. GOVT ACCESSION NO. | 3. RECIPIENT'S CATALOG NUMBER (19)

4. TITLE (and Subtitle) (6)

MIXED LAYER OBSERVATIONS DURING THE NORPAX POLE EXPERIMENT: A DATA REPORT

5. TYPE OF REPORT & PERIOD COVERED

Data Rept. 7 [illegible] 77

6. PERFORMING ORG. REPORT NUMBER

Data Report No. 66 ✓

7. AUTHOR(s) (10)

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Layton

8. CONTRACT OR GRANT NUMBER(s) (15)

N00014-67-A-0369-0007 & -0012
N00014-76-C-0067
N00014-75-C-0299

9. PERFORMING ORGANIZATION NAME AND ADDRESS

School of Oceanography
Oregon State University
Corvallis, OR 97331

10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS

N00014-67-A-0369-0012
NR083 102

11. CONTROLLING OFFICE NAME AND ADDRESS

Office of Naval Research
Ocean Science & Technology Division
Arlington, VA 22217

(11) Aug 77

12. REPORT DATE

1977

13. NUMBER OF PAGES

168

14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)

(12) 172 p.

15. SECURITY CLASS. (of this report)

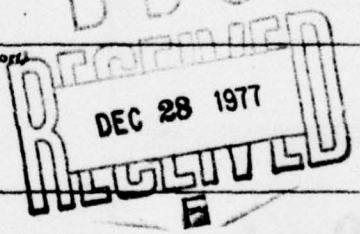
unclassified

15a. DECLASSIFICATION/DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT (of this Report)

Approved for public release, distribution unlimited

17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)



18. SUPPLEMENTARY NOTES

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

NORPAX POLE Experiment
Solar Radiation
Net Long-Wave Radiation
Mixed Layer
Temperature, Salinity, Density Profiles

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This data report contains observations made from R/P FLIP as part of the first process-oriented NORPAX (North Pacific Experiment) experiment. The experiment was named 'POLE' to indicate that the horizontal extent of sampling was small compared to the largest scale investigated in NORPAX

The part of the experiment reported here was conducted during the period 28 January 74 through 14 February 74. During this time, FLIP occupied a station approximately 800 miles north of the Hawaiian Island Chain (35°N. lat, 155°W. long) under free drift conditions. →(cont on p 1473 5) deg

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE S/N 0102-014-6601 | 272 268

unclassified

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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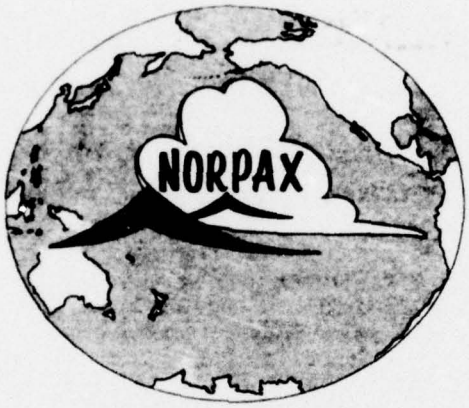
Direct measurements of the incident solar, reflected solar, net all-wave and net long-wave fluxes were made from R/P FLIP during the period 2 to 14 February 74. The sea surface temperature was also observed with a radiation thermometer. Standard meteorological observations, from which the latent and sensible heat fluxes from the sea surface to the atmosphere were derived, also were made during this period.

Vertical profiles of temperature and salinity were taken from R/P FLIP throughout the period 30 January through 14 February 74. Profiling was concentrated in the mixed layer and thermocline. The maximum depth reached was 325 meters. On average, 8 profiles were measured per day. On occasion, more intensive sampling was maintained.



Mixed Layer Observations

during the NORPAX POLE

Experiment: A data report.

TABLE OF CONTENTS

INTRODUCTION

This data report contains observations made from R/P FLIP as part of the first process oriented NORPAX (North Pacific Experiment) experiment. The experiment was named POLE to indicate that the horizontal extent of sampling was small compared to the largest scales investigated in NORPAX.

The part of the experiment reported here was conducted during the period 28 January 74 through 14 February 74. During that time, FLIP occupied a station approximately 800 miles north of the Hawaiian Island Chain under free drift conditions. The position of FLIP ranged from 35°39' to 34°36'N. latitude and 155°05' to 155°25'W. longitude. The experimental site is hydrodynamically complex as shown in Figure 1. The Subtropical Front is known to meander between 32° and 35°N. latitude (Roden, 1974; Barnett, 1976). The region of the Trade Winds northeast of Hawaii has air-sea fluxes of latent heat in excess of 850 joules cm^{-2} day^{-1} (Wyrtki, 1965). The Subtropical Water Mass formed in this region contrasts markedly with the less saline Eastern North Pacific Central Water characteristically encountered north of 35°N. latitude. The Horse Latitudes are located only 3° of latitude to the south of the observational area and the North Pacific Current is expected to affect the general hydrography of the region.

OBSERVATIONS

Direct measurements of the incident solar, reflected solar, net all-wave and net long-wave fluxes were made from R/P FLIP during the period 2 to 14 February 1974. The sea surface temperature was also observed using a radiation thermometer. Continuous 24 hour sampling of all variables was maintained. The latent and sensible heat fluxes from the sea surface to the atmosphere were computed from the bulk aerodynamic approximations using hourly observations of standard meteorological variables. A drag coefficient of 1.4×10^{-3} was used. These observations are discussed in Simpson and Paulson, 1977a. The interactions between sea surface temperature and surface waves (measured with resistance wave gauges) are discussed in Simpson and Paulson, 1977b.

Measurements of downward irradiance were made in the upper 40 m of the POLE experimental area. Analysis of these observations is presented in Paulson and Simpson, 1977.

Vertical profiles of temperature and salinity were taken from R/P FLIP throughout the period 30 January through 14 February 1974. Profiling was

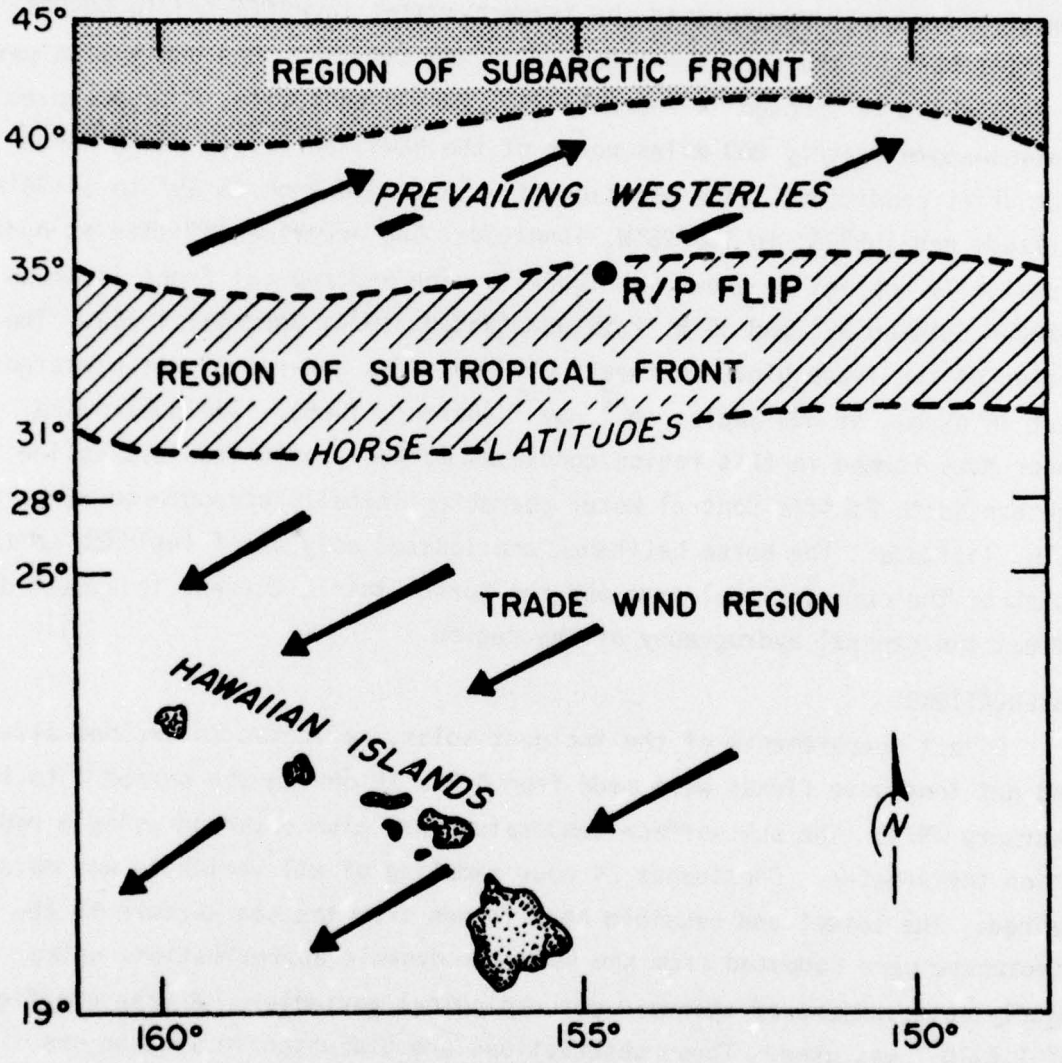


Figure 1. The location of the R/P FLIP during the POLE experiment (35°N, 155°W) in relation to general oceanic features.

concentrated in the mixed layer and thermocline. The maximum depth reached was 325 meters. On average, 8 profiles were measured per day. On occasion, more intensive sampling was maintained.

Hourly values of observed and derived surface quantities are shown in Figures 2 and 3. The hourly values were obtained by interpolating between observations by use of a spline under tension.

Additional observations from R/P FLIP include profiles of velocity within the well-mixed layer and thermocline made by R. Davis and L. Regier of Scripps Institution of Oceanography. Friehe and Schmidt (1976) made measurements of surface heat fluxes using the eddy correlation technique. Only the observations made by the authors are presented in this report.

Measurements made from platforms other than the FLIP were a part of the POLE experiment. An intensive synoptic sampling was undertaken in a 200 km diameter region centered at 35°N. latitude and 155°W. longitude. Individual investigators' contributions to this effort can be found in the NORPAX PROGRAM PLAN (1974).

INSTRUMENTATION

A. Radiation Measurements

A description of the instrumentation used to obtain the radiative flux observations is given in Table 1.

Estimates of the net long-wave flux are usually obtained by subtracting simultaneous measurements of the net radiation, Q_{NA}, and the net solar flux, $(1 - \alpha)Q_S$. The accuracy of such estimates can be low during daytime because the long-wave flux is frequently an order of magnitude less than the differenced quantities. In addition to this indirect method, flux values reported below were measured directly with a radiometer developed by Middleton Instruments and calibrated by C.S.I.R.O. (Paltridge, 1969). The instrument consists of a standard Funk net radiometer converted to a net long-wave radiometer by surrounding the radiometer with a black polythene sphere to optically filter short-wave radiation. To eliminate the effects of differential heating of sensor elements resulting from filter absorption of the solar radiation, the filter is rotated by an electric motor about the fixed Funk radiometer. Thus, heating of the filter is uniformly distributed resulting in a net null output to the short-wave radiation. The instrument has zero response in the spectral range 0 - 2.5 μ due to

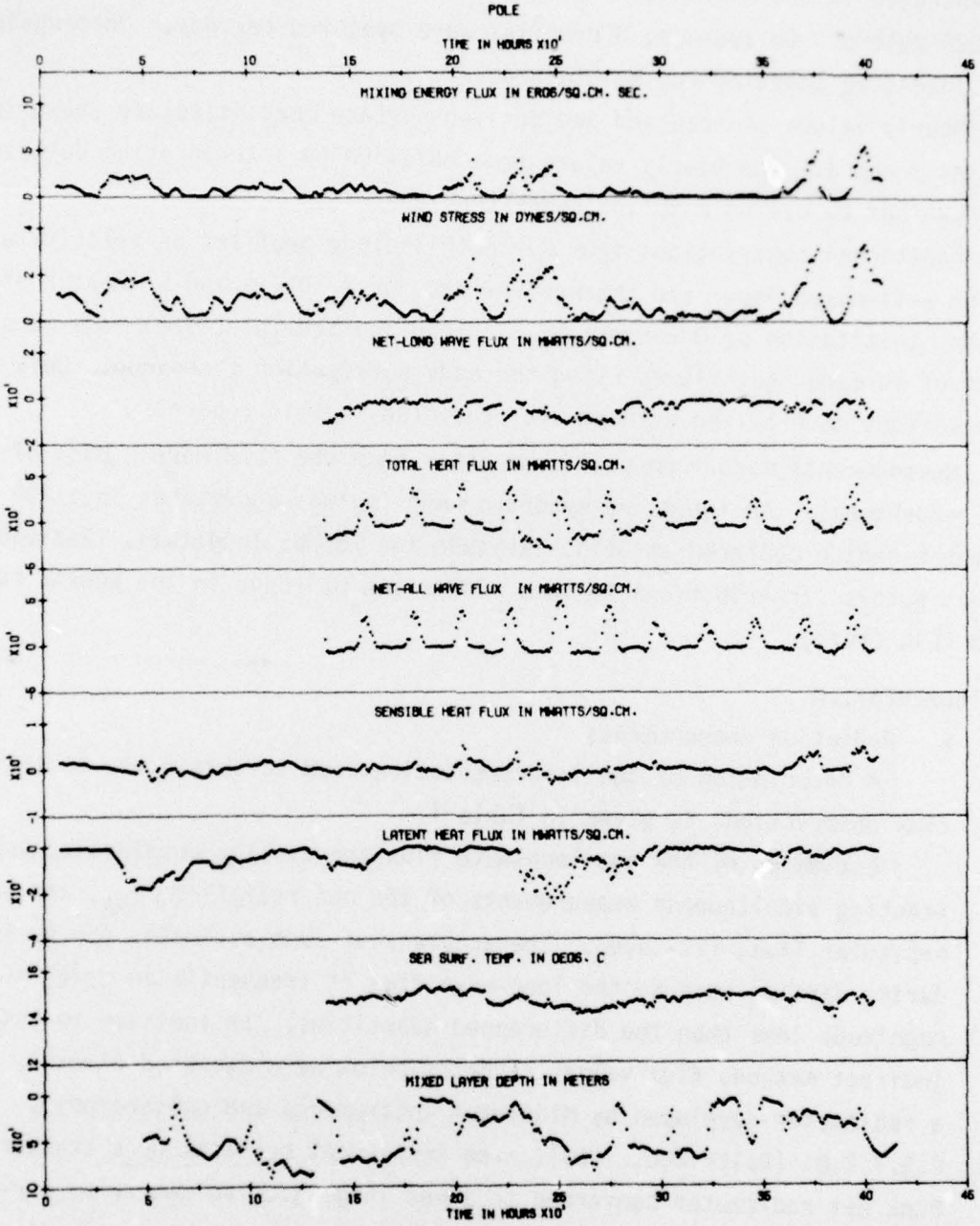


Figure 2. Interpolated hourly values of the various components of the surface momentum and heat balance are shown.

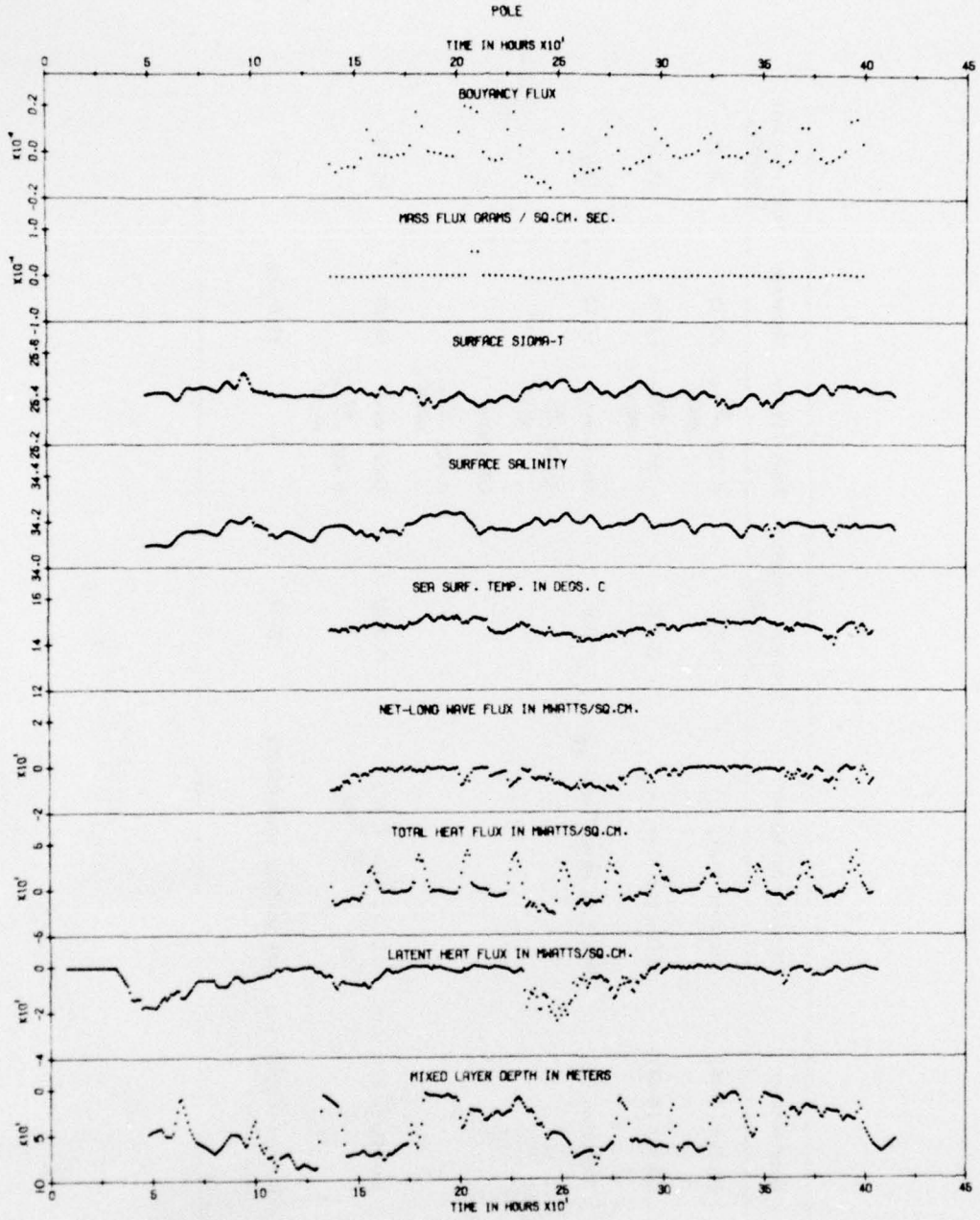


Figure 3. Interpolated hourly values of mass and buoyancy fluxes, surface salinity, sea surface temperature, surface sigma-t, and the various components of the heat flux involved in the determination of the buoyancy flux.

Table 1. Summary of Instrumentation

Device	Manufacturer	Physical parameter	Spectral response (microns)	Sensitivity	Accuracy	Time response (seconds)
Pyranometer	Eppley (8-48)	Incident flux, Q_S	0-2.5	0.109 $\frac{mV}{mWcm^{-2}}$	±2-3%	15-20
Pyranometer	Eppley (8-48)	Reflected flux, αQ_S	0-2.5	.112 $\frac{mV}{mWcm^{-2}}$	±2-3%	15-20
Net pyrgeometer with black ploythene sphere	Middleton Co.	Net long wave flux, Q_{BN}	> 2.5	Short-wave 0.000 $\frac{mV}{mWcm^{-2}}$ Long-wave 0.045 $\frac{mV}{mWcm^{-2}}$	±7.5%	15-20
Net radiometer	Swissteco Pty. Ltd.	Net all wave flux, $Q_{NA} = (1-\alpha)Q_S + Q_{BN}$	0.3-60	Short wave 0.459 $\frac{mV}{mWcm^{-2}}$	±2.5%	15-20
Radiation thermometer	Barnes Engineering Co. PRT-5	Sea surface temperature	8-14	--	±0.2 deg.	0.3

the absorptive properties of the polythene filter. Spectral response above 2.5 μ increases rapidly; however, the two absorption bands of polythene centered at 6.5 and 14 μ should be noted. A description of the instrument including filter characteristics is given by Paltridge (1969).

The signal from each instrument was transmitted by shielded cable to the platform laboratory and fed into an amplifier and voltage-offset device. Signals were recorded in strip chart form using an Esterline-Angus multipoint potentiometric recorder. A sampling rate of 5 or 10 samples per minute per channel was maintained throughout the experiment.

B. Density Measurements

A Bissett-Berman Model 9040 Salinity/Temperature/Depth (STD) Measuring System was employed as the profiling device. Temperature is determined with a platinum resistance thermometer whose time constant is 0.35 seconds. Salinity is determined from simultaneous measurements of conductivity, temperature and depth. The time response of the conductivity is not the recorded variable. Rather, the instrument internally compensates for the effects of temperature and pressure and gives a direct estimate of salinity. Accuracies for depth, temperature and salinity are 1 meter, 0.01°C and 0.03 o/oo with corresponding resolutions of 0.2 meters, 0.005°C and 0.01 o/oo. Data was recorded in digital form at a rate of 5 samples per second.

Temperature was standardized against a Mueller platinum resistance ridge. Values presently reported are based upon the 1968 temperature scale. Salinity was standardized with reference to surface samples taken during each cast. A Bissett-Berman model 6230 inductive salinometer was used to determine the salinity of the surface samples. This device can accurately resolve salinity to within 0.003 o/oo. Salinity samples are listed in Table 2.

ANALYSIS PROCEDURES

A d.c. correction was applied to the depth signal to eliminate the effect of ambient atmospheric pressure. Corrections due to vertical platform motion were unnecessary as the amplitude of FLIP's vertical oscillations is typically 10 cm.

Spectral analysis of GATE Scale-B data, taken with Bissett-Berman model 9040 STDs, suggested a large percentage of the variance associated with the

Table 2

S o/oo Punched Card Data

Run	Average S o/oo	Run	Average S o/oo	Run	Average S o/oo
001	00.000	048	34.140	104	34.188
002	00.000	049	34.141	105	34.188
003	00.000	050	34.138	106	34.188
004	34.099	051	34.135	107	34.196
005	34.277	052	34.153	108	34.203
006	34.158	053	34.155	109	34.218
007	34.155	054	34.155	110	34.232
008	34.160	055	34.155	111	34.202
009	34.147	056	34.151	112	34.171
010	34.153	057	34.146	113	34.179
011	34.179	058	34.185	114	34.187
012	34.204	059	34.192	115	34.184
013	34.199	060	34.199	116	34.197
014	34.174	063	34.230	117	34.210
015	34.197	064	34.230	118	34.183
016	34.186	065	34.233	119	34.155
017	34.184	066	34.236	120	34.172
018	34.182	067	34.237	121	34.188
019	34.181	068	34.238	124	34.180
020	34.179	069	34.239	125	34.183
021	34.178	070	34.239	126	34.186
022	34.176	071	34.240	127	34.166
023	34.175	072	34.211	128	34.145
024	34.171	073	34.192	129	34.153
025	34.169	074	34.172	133	34.191
026	34.167	075	34.154	136	34.193
027	34.164	076	34.161	137	34.195
028	34.162	077	34.168	138	34.196
029	34.159	078	34.174	139	34.193
030	34.152	079	34.170	142	34.193
031	34.147	080	34.165	143	34.186
032	34.141	084	34.161	144	34.178
033	34.136	085	34.182		
034	34.130	086	34.196		
035	34.125	087	34.209		
036	00.000	088	34.202		
037	34.154	089	34.195		
038	34.143	092	34.204		
039	34.134	093	34.217		
040	34.123	094	34.229		
041	34.129	095	34.213		
042	34.161	096	34.196		
043	34.193	097	34.210		
044	34.181	100	34.186		
045	34.149	101	34.169		
046	34.144	102	34.176		
047	34.139	103	34.182		

pressure signal was contributed at frequencies greater than 0.67 Hz. This variance is thought to be internal system noise (Elliot, 1975). The GATE results suggested a low-pass filter is required to attenuate signals above 0.67 Hz. The observations reported here were therefore filtered with a two-stage running mean filter designed by J. Z. Holland (1968).

Differences in the time constants of the temperature and salinity sensors introduce errors in the observed values of temperature and salinity. To correct the temperature signal for thermal inertia of the sensor, a local temperature gradient was calculated from a 12 point noncentered linear regression. The center of regression is 0.3 seconds ahead of the point to be corrected. The corrected temperature, T_c, is then given in terms of the uncorrected temperature, T_0

$$T_c = T_0 + \gamma \frac{\Delta T_0}{\Delta t} \tag{1}$$

where γ is the response time of the temperature sensor.

The salinity correction is based on a relation (Mosetti, 1967) between the conductivity, C, and the measured temperature and salinity, T_0 and S_0

$$C = (\lambda + \mu T_0)^k S_0^h \tag{2}$$

where $\lambda = 1.17013$, $\mu = 0.03299$, $k = 1.05257$ and $h = 1.10807$. As this relation is assumed to hold for both corrected and measured values the correction factor assumes the form

$$\phi = \left\{ \frac{\lambda + \mu T_0^k}{\lambda + \mu T_c^k} \right\}^{-h} \tag{3}$$

The corrected salinity, S_c, specified in terms of the observed salinity, S_0, then assumes the form

$$S_c = S_0 ((\phi - 1) SF + 1) . \tag{4}$$

This relation reduces to the correction used by Elliot for the case SF = 1. The factor SF was introduced to minimize the cumulative magnitude of the inversions in the density profiles obtained from corrected values, T_c, and S_c. Observations of density inversions are most likely introduced by erroneous salinity measurements made in the presence of sharp temperature gradients. The corrected salinity is then low-pass filtered analogous to pressure. Numerous numerical experiments indicate observed density inversions can be minimized with SF = 6. The resulting triplets (T_c, S_c, D) are then averaged over 1 meter intervals and standard depth values are computed by

interpolation from the averaged data sets. The sigma-t profiles were computed using a series expansion in terms of the corrected temperature and salinity (Fofonoff, 1958). In Figure 4, uncorrected and corrected profiles of temperature, salinity and sigma-t are shown for a typical observation.

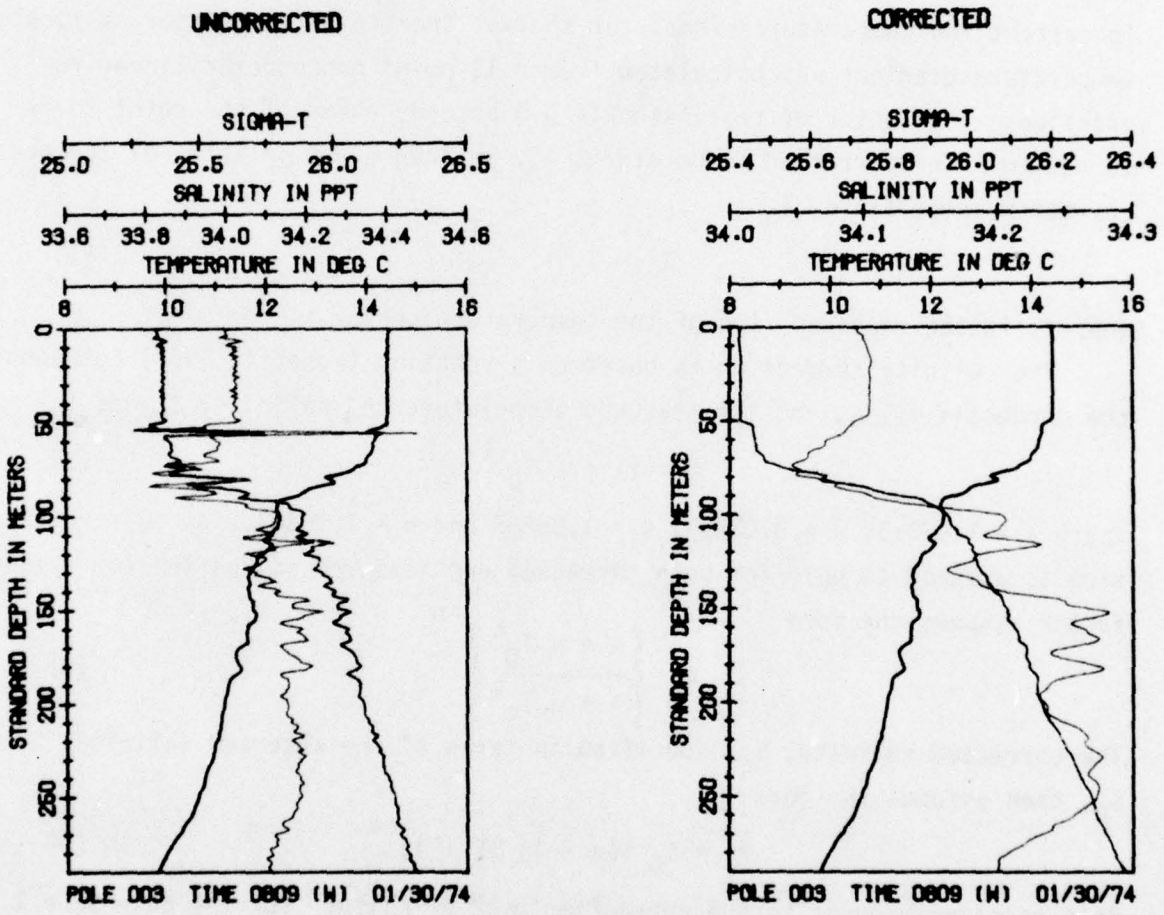


Figure 4. Examples of corrected and uncorrected temperature, salinity and density profiles. Corrections were made for the difference in time response of the conductivity and temperature sensors.

DATA

Rain Code

0 no rain
1 fog
2 mist
3 light rain
4 rain

White caps

0 no
1 yes

POLE MERGED METEOROLOGIC DATA (LISTING NUMBER 1) PAGE 1 OF 9

DATE	LOCAL TIME	FLIP ORIEN.	WIND DIREC.	WIND SPEED	SURFACE STRESS	BAROM. PRESSURE	RAIN	CLOUD COVER	WAVE HEIGHT	WHITE CAPS
DD MMM YY	ZONE W	DEG	DEG	M/SEC	DYNE/CM**2	MILLIBAR	CODE	TENTHS	METERS	CODE
28 JAN. 74	0715	157	125	7.7	1.0435	1022.8	0	1.0	1.8	0
28 JAN. 74	0910	115	100	8.2	1.1872	1022.5	0	1.0		0
28 JAN. 74	1000	120	114	7.7	1.0435	1022.5	0	1.0	1.2	0
28 JAN. 74	1330	115	108	8.2	1.1872	1019.0	3	1.0		0
28 JAN. 74	1530	105	93	8.2	1.1872	1017.0	3	1.0	1.2	0
28 JAN. 74	1710	114	97	7.7	1.0435	1016.5	3	1.0		0
28 JAN. 74	2000	103	88	6.7	.7838	1015.6	3	1.0		0
28 JAN. 74	2150	133	105	5.1	.4638	1015.3	3	1.0	2.1	0
29 JAN. 74	0430	315	295	4.1	.2968	1012.3	1	1.0		0
29 JAN. 74	0530	310	290	7.7	1.0435	1012.5	1	1.0		0
29 JAN. 74	0800	325	305	8.8	1.3403	1013.0	0	1.0	2.1	0
29 JAN. 74	1010	335	316	10.3	1.8551	1014.8	0	1.0		1
29 JAN. 74	1420	350	320	9.8	1.6742	1014.7	0	.7	1.8	1
29 JAN. 74	1610	345	330	9.8	1.6742	1015.0	0	0.0		0
29 JAN. 74	1830	320	310	10.3	1.8551	1016.8	0	.2	1.5	0
29 JAN. 74	2000	335	323	9.3	1.5026	1018.0	0	0.0	1.8	0
29 JAN. 74	2100	340	315	10.3	1.8551	1019.0	0	.2	2.4	0
29 JAN. 74	2200	350	315	9.8	1.6742	1019.5	0	.1	1.8	0
30 JAN. 74	0410	335	315	10.3	1.8551	1019.6	0	0.0		0
30 JAN. 74	0610	0	335	8.8	1.3403	1020.0	0	0.0		0
30 JAN. 74	0805	15	348	7.7	1.0435	1021.8	0	.3	1.8	1
30 JAN. 74	0900	20	0	7.7	1.0435	1022.3	0	.2	2.1	1
30 JAN. 74	1100	0	337	6.2	.6678	1023.0	0	.2	2.4	0
30 JAN. 74	1225	310	300	5.7	.5612	1022.8	0	.4	1.8	1
30 JAN. 74	1445	295	285	5.1	.4638	1022.8	0	.3	1.8	0
30 JAN. 74	1600	315	295	6.7	.7838	1022.8	0	.2	1.8	1
30 JAN. 74	1800	310	288	7.7	1.0435	1022.6	0	.2	2.1	0
30 JAN. 74	1915	315	304	7.2	.9090	1024.8	0	.5	1.8	0
30 JAN. 74	2115	340	300	5.1	.4638	1025.0	0	.3		0
30 JAN. 74	2345	310	290	3.6	.2272	1025.0	0	.1		0

DATE	LOCAL TIME	FLIP ORIEN.	WIND DIREC.	WIND SPEED	SURFACE STRESS	BAROM. PRESSURE	RAIN	CLOUD COVER	WAVE HEIGHT	WHITE CAPS
DD MMM YY	ZONE W	DEG	DEG	M/SEC	DYNE/CM**2	MILLIBAR	CODE	TENTHS	METERS	CODE
31 JAN. 74	0610	340	330	4.1	.2968	1024.0	0	0.0		0
31 JAN. 74	0815	192	190	4.1	.2968	1025.0	0	.5	2.1	0
31 JAN. 74	0930	205	185	5.1	.4638	1025.6	0	.6	1.5	0
31 JAN. 74	1215	200	185	7.7	1.0435		0	.7	1.8	0
31 JAN. 74	1430	220	200	7.2	.9090	1024.2	0	.9	1.5	0
31 JAN. 74	1600	220	183	6.7	.7838	1024.0	0	1.0	1.8	0
31 JAN. 74	1745	220	205	5.1	.4638	1024.3	0	.9	2.1	0
31 JAN. 74	1945	205	175	5.7	.5612	1024.2	0	.8		
31 JAN. 74	2100	200	175	6.7	.7838	1024.3	0	.8	2.1	0
31 JAN. 74	2300	190	173	7.7	1.0435	1024.2	0	.8	1.5	0
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01 FEB. 74	0130	220	187	8.2	1.1872	1023.0	0	1.0	1.5	0
01 FEB. 74	0600	200	175	7.7	1.0435	1021.5	0	1.0	3.0	0
01 FEB. 74	0815	195	172	8.2	1.1872	1021.8	0	1.0	2.1	1
01 FEB. 74	0930	185	160	7.2	.9090	1021.5	0	1.0	1.8	1
01 FEB. 74	1040	185	160	8.8	1.3403	1021.3	0	1.0	1.5	1
01 FEB. 74	1205	190	180	8.8	1.3403	1020.5	0	1.0	2.1	0
01 FEB. 74	1300	195	175	8.2	1.1872	1019.8	0	1.0	1.5	0
01 FEB. 74	1430	195	170	8.2	1.1872	1018.2	0	1.0	1.5	0
01 FEB. 74	1600	185	170	7.7	1.0435	1018.0	0	1.0	2.4	0
01 FEB. 74	1800	195	178	7.7	1.0435	1018.8	0	1.0	2.4	0
01 FEB. 74	2100	195	175	8.2	1.1872	1019.0	0	1.0	1.8	0
01 FEB. 74	2215	185	165	9.8	1.6742	1017.8	0	1.0	2.4	0
02 FEB. 74	0600	270	250	5.1	.4638	1018.0	3	1.0	3.0	0
02 FEB. 74	0745	330	310	4.6	.3757	1019.0	0	.5	1.8	0
02 FEB. 74	0930	350	342	4.6	.3757	1020.2	0	.6	2.1	0
02 FEB. 74	1030	350	330	4.1	.2968	1021.0	0	.4	2.4	0
02 FEB. 74	1145	348	313	4.1	.2968	1021.4	0	.4	2.1	0
02 FEB. 74	1245	354	332	6.2	.6678	1020.9	0	.4	2.7	1
02 FEB. 74	1345	14	1	6.7	.7838	1020.0	0	.2	2.7	1

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DATE	LOCAL TIME	FLIP ORIEN.	WIND DIREC.	WIND SPEED	SURFACE STRESS	BAROM. PRESSURE	RAIN	CLOUD COVER	WAVE HEIGHT	WHITE CAPS
DD MMM YY	ZONE W	DEG	DEG	M/SEC	DYNE/CM**2	MILLIBAR	CODE	TENTHS	METERS	CODE
02 FEB. 74	1445	15	359	5.7	.5612	1020.1	0	.2	2.4	1
02 FEB. 74	1600	33	23	5.1	.4638	1020.0	0	.1	2.4	0
02 FEB. 74	1700	18	10	5.7	.5612	1020.5	0	.1	2.4	0
02 FEB. 74	1800	37	15	7.2	.9090	1021.0	0	.4	1.5	0
02 FEB. 74	2000	43	20	7.7	1.0435	1022.0	0	.4	1.5	0
02 FEB. 74	2115	78	60	7.7	1.0435	1022.5	0	.4	1.8	0
02 FEB. 74	2230	100	80	7.7	1.0435	1022.8	0	.6	1.8	0
02 FEB. 74	2340	105	95	6.2	.6678	1023.0	0	.6	2.1	0
03 FEB. 74	0610	115	95	8.8	1.3403	1020.6	0	0.0		0
03 FEB. 74	0800	140	120	7.7	1.0435	1021.5	0	1.0	1.8	0
03 FEB. 74	0915	125	100	6.7	.7838	1022.3	0	1.0	1.5	1
03 FEB. 74	1050	120	110	8.2	1.1872	1021.8	0	.9		1
03 FEB. 74	1215	143	135	8.8	1.3403	1020.5	0	.9	1.5	1
03 FEB. 74	1320	144	130	7.7	1.0435	1019.6	0	1.0	1.8	1
03 FEB. 74	1434	162	140	7.2	.9090	1018.5	0	1.0	1.8	0
03 FEB. 74	1524	159	148	7.7	1.0435	1018.7	0	1.0	2.1	1
03 FEB. 74	1815	152	125	8.2	1.1872	1018.2	0	1.0	2.1	1
03 FEB. 74	2025	175	145	6.2	.6678	1019.2	0	1.0	1.5	0
03 FEB. 74	2240	140	120	7.2	.9090	1019.2	0	1.0	.9	0
04 FEB. 74	0830	175	152	3.6	.2272	1019.0	1	1.0	1.2	0
04 FEB. 74	0915	160	140	3.6	.2272	1016.1	1	1.0	1.0	0
04 FEB. 74	1130	155	130	5.1	.4638	1018.3	1	1.0	1.2	0
04 FEB. 74	1340	170	140	5.1	.4638	1012.7	1	1.0	1.5	0
04 FEB. 74	1345	165	155	5.1	.4638	1015.5	1	1.0	1.2	0
04 FEB. 74	1450	155	142	5.1	.4638	1012.7	1	1.0	1.5	0
04 FEB. 74	1615	173	155	4.1	.2968	1016.0	1	1.0	1.2	0
04 FEB. 74	1630	167	152	4.1	.2968	1012.7	1	1.0	1.5	0
04 FEB. 74	1815	185	170	4.1	.2968	1016.8	1	1.0	1.2	0
04 FEB. 74	1824	212	191	4.1	.2968	1012.7	1	1.0	1.5	0
04 FEB. 74	2000	205	180	2.6	.1159	1016.8	1	1.0	1.5	0

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DATE	LOCAL TIME	FLIP ORIEN.	WIND DIREC.	WIND SPEED	SURFACE STRESS	BAROM. PRESSURE	RAIN	CLOUD COVER	WAVE HEIGHT	WHITE CAPS
DD MMM YY	ZONE H	DEG	DEG	M/SEC	DYNE/CM**2	MILLIBAR	CODE	TENTHS	METERS	CODE
04 FEB. 74	2023	253	225	2.6	.1159	1016.1	1	1.0	1.5	0
04 FEB. 74	2130	155	130	1.5	.0417	1017.0	1	1.0	.9	0
04 FEB. 74	2212	133	122	2.1	.0742	1012.7	1	1.0	1.0	0
04 FEB. 74	2300	140	115	2.1	.0742	1016.6	1	1.0		0
04 FEB. 74	2329	214	196	3.1	.1670	1012.7	1	1.0	1.0	0
05 FEB. 74	0250	189	170	5.1	.4638	1012.7	3	1.0	1.0	0
05 FEB. 74	0430	203	180	8.2	1.1972	1012.7	3	1.0	1.0	0
05 FEB. 74	0610	220	190	7.2	.9090	1014.8	0	1.0		0
05 FEB. 74	0705	208	190	7.7	1.0435	1012.7	0	1.0	1.5	1
05 FEB. 74	0830	195	175	7.7	1.0435	1015.0	0	.7	1.2	1
05 FEB. 74	0855	200	170	8.2	1.1972	1012.7	0	.2	1.5	1
05 FEB. 74	1035	192	170	8.2	1.1972	1012.7	0	.3	1.5	1
05 FEB. 74	1100	195	170	8.8	1.3403	1014.8	0	.3	1.2	0
05 FEB. 74	1310	205	178	9.3	1.5026	1009.3	0	0.0	1.5	1
05 FEB. 74	1315	205	180	9.8	1.6742	1014.2	0	.8	1.2	1
05 FEB. 74	1445	200	180	9.3	1.5026	1012.7	0	1.0	1.2	1
05 FEB. 74	1520	210	180	9.8	1.6742	1009.3	0	1.0	1.5	1
05 FEB. 74	1630	180	168	10.8	2.0452	1011.7	4	1.0	1.2	1
05 FEB. 74	1700	193	180	10.8	2.0452	1009.3	4	1.0	1.5	1
05 FEB. 74	1810	205	195	12.4	2.6713	1012.5	3	1.0	1.2	1
05 FEB. 74	1840	207	186	9.8	1.6742	1009.3	4	1.0	1.5	1
05 FEB. 74	2031	180	165	7.7	1.0435	1009.3	4	1.0	1.5	1
05 FEB. 74	2045	190	184	8.8	1.3403	1013.0	0	1.0	1.2	1
05 FEB. 74	2210	255	240	6.2	.6678	1014.6	0	.9		0
05 FEB. 74	2345	260	247	5.7	.5612	1013.8	0	.5	1.2	0
06 FEB. 74	0025	265	251	4.6	.3757	1012.7	0	0.0	1.5	0
06 FEB. 74	0245	270	256	3.1	.1670	1012.7	0	0.0	1.0	0
06 FEB. 74	0450	250	235	3.1	.1670	1012.7	0	0.0	1.0	0
06 FEB. 74	0725	235	210	4.1	.2968	1012.7	0	.1	1.5	0
06 FEB. 74	0830	210	195	5.1	.4638	1013.5	0	.2	1.2	0

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DATE	LOCAL TIME	FLIP ORIEN.	WIND DIREC.	WIND SPEED	SURFACE STRESS	BAROM. PRESSURE	RAIN	CLOUD COVER	WAVE HEIGHT	WHITE CAPS
DD MMM YY	ZONE W	DEG	DEG	M/SEC	DYNE/CM**2	MILLIBAR	CODE	TENTHS	METERS	CODE
06 FEB. 74	0925	220	193	6.2	.5678	1009.3	0	0.0	1.5	0
06 FEB. 74	1000	205	185	7.2	.9090	1013.0	0	0.0	1.5	1
06 FEB. 74	1115	210	190	9.3	1.5026	1012.7	0	0.0	1.5	1
06 FEB. 74	1250	220	204	10.3	1.8551	1012.3	0	.9	1.5	1
06 FEB. 74	1330					1012.0	0			0
06 FEB. 74	1450	230	203	10.3	1.8551	1011.2	0	1.0	1.8	1
06 FEB. 74	1540	295	265	12.4	2.6713	1012.7	4	1.0	1.8	1
06 FEB. 74	1700	285	265	11.3	2.2446	1013.6	0	1.0	1.5	1
06 FEB. 74	1745	275	245	10.3	1.8551	1012.7	4	1.0	2.0	1
06 FEB. 74	1930	259	229	7.7	1.0435		3	1.0	.6	1
06 FEB. 74	1950	250	240	8.2	1.1872	1016.3	3	1.0	1.8	1
06 FEB. 74	2115	237	240	7.2	.9090	1017.1	0	.7	1.5	1
06 FEB. 74	2220	268	260	10.8	2.0452		0	.3	.6	1
06 FEB. 74	2300	280	265	9.3	1.5026	1017.0	0	.3	2.4	1
07 FEB. 74	0000	285	265	9.8	1.6742	1019.1	0	0.0	2.4	1
07 FEB. 74	0035	275	265	9.3	1.5026	1016.1	0	.2	2.5	1
07 FEB. 74	0100	275	275	10.3	1.8551	1018.5	0	.1		1
07 FEB. 74	0248	291	277	10.3	1.8551	1016.1	0	.2	2.5	1
07 FEB. 74	0450	300	270	11.3	2.2446	1019.5	0	.3	3.0	1
07 FEB. 74	0610	320	295	10.8	2.0452	1022.5	0	.8		1
07 FEB. 74	0645	300	290	9.3	1.5026	1023.3	0	.3		1
07 FEB. 74	0650	310	290	9.8	1.6742	1019.5	0	.5	4.0	1
07 FEB. 74	0710	300	270	12.9	2.8985	1023.8	0	.3	2.4	1
07 FEB. 74	0825	320	290	10.3	1.8551	1025.0	0	.2	2.4	1
07 FEB. 74	0845	310	295	10.3	1.8551	1022.9	0	.1	4.0	1
07 FEB. 74	1000	325	315	10.3	1.8551	1026.0	0	.2		1
07 FEB. 74	1035	355	320	8.8	1.3403	1022.9	0	.1	4.0	1
07 FEB. 74	1100	310	305	7.7	1.0435	1027.3	0	.2		1
07 FEB. 74	1315	325	305	7.2	.9090	1026.2	0	.2	3.7	1
07 FEB. 74	1430	350	305	6.2	.5678	1027.1	0	.3	3.7	1

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DATE	LOCAL TIME	FLIP ORIEN.	WIND DIREC.	WIND SPEED	SURFACE STRESS	BAROM. PRESSURE	RAIN	CLOUD COVER	WAVE HEIGHT	WHITE CAPS
DD MMM YY	ZONE H	DEG	DEG	M/SEC	DYNE/CM**2	MILLIBAR	CODE	TENTHS	METERS	CODE
07 FEB. 74	1530	330	310	6.2	.6678	1027.3	0	.3	3.0	1
07 FEB. 74	1600	315	300	3.6	.2272	1022.9	0	.1	3.0	0
07 FEB. 74	1700	335	310	5.7	.5612	1028.3	0	.2	3.7	1
07 FEB. 74	1815	330	300	3.6	.2272	1026.2	0	.1	3.0	0
07 FEB. 74	1900	0	325	2.6	.1159	1029.5	0	.1	2.4	1
07 FEB. 74	2002	55	40	3.1	.1670	1026.2	0	.1	4.0	0
07 FEB. 74	2030	190	40	1.5	.0417	1031.0	0	.3	3.7	1
07 FEB. 74	2200	135	125	3.1	.1670	1031.8	0	.4	2.7	1
07 FEB. 74	2235	159	144	3.1	.1670	1029.6	0	.1	3.0	0
07 FEB. 74	2300	140	115	4.1	.2968	1032.1	0	.2	2.4	1
08 FEB. 74	0015	124	109	4.1	.2968	1029.6	0	.1	3.0	0
08 FEB. 74	0128	184	135	3.1	.1670	1029.6	0	.1	3.0	0
08 FEB. 74	0320	200	195	3.1	.1670	1029.6	0	.1	3.0	0
08 FEB. 74	0520	150	120	2.6	.1159	1029.6	0	.3	3.0	0
08 FEB. 74	0700	135	125	3.6	.2272	1029.6	0	.2	3.0	0
08 FEB. 74	0843	163	138	4.6	.3757	1029.6	0	.2	2.0	0
08 FEB. 74	1000	150	129	6.2	.6678	1032.5	0	.5	2.7	1
08 FEB. 74	1106	142	127	7.2	.9090	1029.6	0	.2	3.0	1
08 FEB. 74	1135	150	127	7.7	1.0435	1032.0	0	.5	2.7	1
08 FEB. 74	1345	150	145	6.7	.7838	1030.5	0	.5	2.1	1
08 FEB. 74	1434	174	159	6.7	.7838	1029.6	0	.3	3.0	1
08 FEB. 74	1515	170	150	5.7	.5612	1030.0	0	.2	2.1	1
08 FEB. 74	1610	160	150	5.7	.5612	1026.2	0	.7	3.0	1
08 FEB. 74	1630	150	140	5.7	.5612	1030.0	0	.8	2.1	1
08 FEB. 74	1730	165	157	5.7	.5612	1030.0	0	.8	2.1	1
08 FEB. 74	1820	165	145	5.7	.5612	1029.6	0	.8	3.0	0
08 FEB. 74	1945	155	140	6.2	.6678	1030.0	0	.4	1.8	1
08 FEB. 74	2015	160	150	5.7	.5612	1026.2	0	0.0	3.0	0
08 FEB. 74	2100	155	143	6.2	.6678	1030.2	0	.5	2.1	1
08 FEB. 74	2230	152	152	7.2	.9090	1030.4	0	1.0	1.8	1

DATE	LOCAL TIME	FLIP ORIEN.	WIND DIREC.	WIND SPEED	SURFACE STRESS	BAROM. PRESSURE	RAIN	CLOUD COVER	WAVE HEIGHT	WHITE CAPS
DD MMM YY	ZONE W	DEG	DEG	M/SEC	DYNE/CM**2	MILLIBAR	CODE	TENTHS	METERS	CODE
08 FEB. 74	2240	144	129	6.2	.6678	1026.2	0	0.0	3.0	0
09 FEB. 74	0000	160	148	6.2	.6678	1030.0	0	1.0	.9	0
09 FEB. 74	0015	149	134	6.2	.6678	1026.2	0	0.0	3.0	0
09 FEB. 74	0100	140	150	6.7	.7838	1029.4	0	1.0		0
09 FEB. 74	0235	185	185	5.7	.5612	1026.2	0	.8	2.0	0
09 FEB. 74	0545	175	160	3.6	.2272	1026.2	0	.8	2.0	0
09 FEB. 74	0820	145	130	3.6	.2272	1026.2	0	.8	2.0	0
09 FEB. 74	1015	140	125	5.1	.4638	1026.2	0	.9	2.0	0
09 FEB. 74	1025	135	120	5.1	.4638	1029.1	0	1.0	1.5	0
09 FEB. 74	1200	140	135	5.7	.5612	1028.8	0	1.0	1.5	0
09 FEB. 74	1415	160	162	4.6	.3757	1028.0	0	1.0	1.8	0
09 FEB. 74	1435	148	133	4.1	.2968	1022.9	0	.9	2.0	0
09 FEB. 74	1450	180	165	3.1	.1670	1026.2	0	.9	2.0	0
09 FEB. 74	1530	175	165	3.6	.2272	1027.3	0	1.0	2.4	0
09 FEB. 74	1700	180	162	3.1	.1670	1022.9	0	.9	2.0	0
09 FEB. 74	1830	170	160	3.6	.2272	1027.5	0	1.0	2.1	0
09 FEB. 74	1920	165	150	2.6	.1159	1026.2	0	.9	1.0	0
09 FEB. 74	2000	185	173	2.6	.1159	1028.5	0	1.0	2.4	0
09 FEB. 74	2130	173	165	4.6	.3757	1028.2	0	1.0	3.0	0
09 FEB. 74	2211	179	165	3.6	.2272	1026.2	0	.9	1.0	0
09 FEB. 74	2300	180	165	4.6	.3757	1028.3	0	1.0	1.5	0
10 FEB. 74	0030	198	185	3.1	.1670	1028.8	3	1.0	2.1	0
10 FEB. 74	0145	205	195	4.1	.2968	1026.2	2	1.0	2.0	0
10 FEB. 74	0200	210	180	4.1	.2968	1028.5	3	1.0	2.1	0
10 FEB. 74	0500	140	125	3.6	.2272	1022.9	4	1.0	2.0	0
10 FEB. 74	0700	135	120	4.1	.2968	1026.2	2	1.0	2.0	0
10 FEB. 74	0900	90	82	3.1	.1670	1029.0	4	1.0	1.8	0
10 FEB. 74	0945	110	100	3.1	.1670	1026.2	0	1.0	2.0	0
10 FEB. 74	1030	95	93	3.1	.1670	1029.5	1	1.0	2.1	0
10 FEB. 74	1200	105	105	3.1	.1670	1029.0	1	1.0	1.2	0

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DATE			LOCAL TIME	FLIP ORIEN.	WIND DIREC.	WIND SPEED	SURFACE STRESS	BAROM. PRESSURE	RAIN	CLOUD COVER	WAVE HEIGHT	WHITE CAPS
DD	MMM	YY	ZONE W	DEG	DEG	M/SEC	DYNE/CM**2	MILLIBAR	CODE	TENTHS	METERS	CODE
10	FEB.	74	1225	100	90	3.1	.1670	1026.2	0	1.0	2.0	0
10	FEB.	74	1420	70	65	5.1	.4638	1026.2	2	1.0	1.5	0
10	FEB.	74	1500	90	88	4.6	.3757	1028.0	3	1.0	1.2	0
10	FEB.	74	1700	143	133	4.6	.3757	1028.0	3	1.0	.9	0
10	FEB.	74	2030	105	95	2.6	.1159	1026.2	0	0.0	2.0	0
10	FEB.	74	2230	70	70	2.6	.1159	1030.5	3	1.0	1.8	0
11	FEB.	74	0350	100	90	5.1	.4638	1026.2	2	1.0	1.0	0
11	FEB.	74	0610	85	70	4.6	.3757	1026.2	2	1.0	1.0	0
11	FEB.	74	0800	100	90	5.1	.4638	1026.2	2	1.0	1.0	0
11	FEB.	74	0930	120	105	4.6	.3757	1029.5	3	1.0	.9	0
11	FEB.	74	1005	130	115	5.1	.4638	1026.2	2	1.0	1.0	0
11	FEB.	74	1110	135	125	5.1	.4638	1029.0	0	.5	.9	1
11	FEB.	74	1205	195	195	2.6	.1159	1026.2	0	1.0	1.0	0
11	FEB.	74	1245	232	215	2.6	.1159	1028.2	0	1.0	.9	0
11	FEB.	74	1410	240	230	2.6	.1159	1022.9	0	1.0	1.0	0
11	FEB.	74	1415	265	255	2.1	.0742	1027.8	0	1.0	.9	0
11	FEB.	74	1615	225	220	3.6	.2272	1022.9	0	1.0	1.0	0
11	FEB.	74	1715	263	268	3.1	.1670	1027.2	0	1.0	.9	0
11	FEB.	74	1900	250	230	4.1	.2968	1027.0	0	1.0	.9	0
11	FEB.	74	2230	248	235	5.1	.4638	1026.0	2	1.0		0
11	FEB.	74	2400	255	235	8.2	1.1872	1025.3	0	1.0		0
12	FEB.	74	0115	243	228	6.7	.7838	1024.5	0	1.0	.9	1
12	FEB.	74	0315	255	245	6.2	.6678	1022.9	0	.8	1.0	0
12	FEB.	74	0518	230	225	7.7	1.0435	1019.5	0	.8	1.0	0
12	FEB.	74	0720	220	205	8.8	1.3403	1019.5	0	.9	1.5	1
12	FEB.	74	0925	230	205	9.8	1.6742	1019.5	0	1.0	1.5	1
12	FEB.	74	1000	225	205	9.8	1.6742	1022.0	0	1.0	.9	1
12	FEB.	74	1145	225	210	10.3	1.8551	1019.5	0	.9	1.5	1
12	FEB.	74	1200	220	210	11.3	2.2446	1020.0	0	1.0	.9	1
12	FEB.	74	1325	220	215	12.4	2.6713	1016.1	0	1.0	1.5	1

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DATE	LOCAL TIME	FLIP ORIEN.	WIND DIREC.	WIND SPEED	SURFACE STRESS	BAROM. PRESSURE	RAIN	CLOUD COVER	WAVE HEIGHT	WHITE CAPS
DD MMM YY	ZONE W	DEG	DEG	M/SEC	DYNE/CM**2	MILLIBAR	CODE	TENTHS	METERS	CODE
12 FEB. 74	1410	222	212	12.4	2.6713	1017.5	0	1.0	1.2	1
12 FEB. 74	1530	218	216	12.4	2.6713	1016.5	0	1.0	1.5	1
12 FEB. 74	1700	235	223	13.4	3.1351	1016.0	0	1.0	1.8	1
12 FEB. 74	1750	315	304	8.8	1.3403	1017.5	4	1.0	2.1	1
12 FEB. 74	2000	305	300	6.2	.6678	1018.5	0	1.0		1
12 FEB. 74	2130	285	275	4.6	.3757	1019.0	0	.4	1.5	1
12 FEB. 74	2330	310	310	2.6	.1159	1018.6	0	.1	1.2	1
13 FEB. 74	0100	335	330	1.0	.0186	1018.6	0	.2	1.2	0
13 FEB. 74	0300	190	205	1.5	.0417	1016.1	0	1.0	1.5	0
13 FEB. 74	0510	180	165	3.6	.2272	1016.1	4	1.0	1.5	0
13 FEB. 74	0720	175	160	6.2	.6678	1016.1	4	1.0	1.5	0
13 FEB. 74	0905	174	175	8.2	1.1872	1016.0	4	1.0	1.5	1
13 FEB. 74	0930	205	200	9.8	1.6742	1012.7	4	1.0	1.5	1
13 FEB. 74	1100	220	212	11.8	2.4533	1015.0	0	1.0	1.5	1
13 FEB. 74	1130	230	220	11.8	2.4533	1012.7	0	1.0	2.0	1
13 FEB. 74	1240	235	220	12.4	2.6713	1013.9	0	1.0		1
13 FEB. 74	1325	235	220	13.4	3.1351	1012.7	4	1.0	2.0	1
13 FEB. 74	1415	227	220	13.4	3.1351	1012.5	0	.7	1.5	1
13 FEB. 74	1600	225	210	13.9	3.3809	1012.3	0	.8	2.1	1
13 FEB. 74	1740	253	245	12.9	2.8985	1013.1	4	1.0	2.1	1
13 FEB. 74	2000	250	237	10.3	1.8551	1014.8	0	.1	2.4	1
13 FEB. 74	2130	257	240	10.3	1.8551	1015.7	0	0.0		1
13 FEB. 74	2240	240	230	10.3	1.8551	1015.0	0	0.0	1.8	1
14 FEB. 74	0008	252	240	9.8	1.6742	1015.6	0			1
14 FEB. 74	0400					1015.5	4			0

POLE MERGED METEOROLOGIC DATA (LISTING NUMBER 2) PAGE 1 OF 9

DATE			LOCAL TIME	DRY BULB	SEA TEMP	TEMP DIFF.	DEW POINT	WET BULB	DPA TEMP	LATENT HEAT FLUX	SENSIBLE HEAT FLUX
DD	MMM	YY	ZONE W	DEG C	DEG C	DEG C	DEG C	DEG C	DEG C	MW/CM**2	MW/CM**2
28	JAN.	74	0715	15.61	14.60	1.01	14.11	14.78	15.61	-.8048	1.3730
28	JAN.	74	0910	15.72	14.60	1.12	14.39	15.11	15.67	.3481	1.6254
28	JAN.	74	1000	15.72	14.70	1.02	14.50	15.11	15.72	.0891	1.3880
28	JAN.	74	1330	15.67	14.60	1.07	14.94	15.33	15.56	1.3655	1.5450
28	JAN.	74	1530	15.61	14.60	1.01	14.94	15.39	15.56	1.6866	1.4645
28	JAN.	74	1710	15.50	14.60	.90	14.94	15.33	15.56	1.5258	1.2221
28	JAN.	74	2000	15.56	14.50	1.06	15.11	15.28	15.61	1.2663	1.2422
28	JAN.	74	2150	15.56	14.50	1.06	15.00	15.33	15.56	1.1198	.9555
29	JAN.	74	0430		14.50		14.67		15.11		
29	JAN.	74	0530				14.39		14.89		
29	JAN.	74	0800	14.94	14.60	.34	14.17	14.56	14.78	-.7681	.5301
29	JAN.	74	1010	14.72	14.60	.12	13.06	13.94	14.33	-3.5552	.2213
29	JAN.	74	1420	14.56	14.60	-.04	10.89	12.72	14.56	-8.7450	-.0764
29	JAN.	74	1610	14.44	14.50	-.06	8.89	11.33	14.39	-14.4023	-.0956
29	JAN.	74	1830	14.17	14.40	-.23	8.33	11.39	14.22	-14.0507	-.4224
29	JAN.	74	2000	14.17	14.50	-.33	7.78	11.11	14.06	-14.0637	-.5431
29	JAN.	74	2100	14.06	14.40	-.34	7.78	10.44	13.94	-18.0790	-.6236
29	JAN.	74	2200	15.06	14.40	.66	7.89	10.83	13.89	-17.3873	1.1275
30	JAN.	74	0410	13.22	14.40	-1.18	7.67	10.11	13.28	-17.9165	-2.1324
30	JAN.	74	0610	13.44	14.40	-.96	6.11	10.28	13.33	-14.9767	-1.4705
30	JAN.	74	0805	14.72	14.40	.32	7.33	10.83	13.39	-13.2381	.4375
30	JAN.	74	0900	13.61	14.50	-.89	6.56	10.00	13.44	-14.6058	-1.2070
30	JAN.	74	1100	13.83	14.40	-.57	6.00	9.94	13.50	-11.9027	-.6156
30	JAN.	74	1225	14.72	14.60	.12	6.28	10.06	13.50	-11.9445	.1217
30	JAN.	74	1445	14.89	14.60	.29	6.94	10.44	13.39	-10.1673	.2615
30	JAN.	74	1600	14.89	14.60	.29	7.11	10.33	13.50	-13.5362	.3400
30	JAN.	74	1800	13.72	14.60	-.88	7.17	10.44	13.50	-13.5408	-1.1919
30	JAN.	74	1915	13.83	14.60	-.77	7.17	10.67	13.61	-12.0994	-.9716
30	JAN.	74	2115	14.17	14.60	-.43	6.83	10.33	13.50	-9.7069	-.3923
30	JAN.	74	2345	13.50	14.50	-1.00	7.78	10.28	13.28	-6.3143	-.6337

DATE	LOCAL TIME	DRY BULB	SEA TEMP	TEMP DIFF.	DEW POINT	WET BULB	OPA TEMP	LATENT HEAT FLUX	SENSIBLE HEAT FLUX
DD MMM YY	ZONE W	DEG C	DEG C	DEG C	DEG C	DEG C	DEG C	MW/CM**2	MW/CM**2
31 JAN. 74	0610				7.89		12.33		
31 JAN. 74	0815	13.22	14.60	-1.38	8.44	10.72	12.67	-6.3367	-.9978
31 JAN. 74	0930	14.44	14.60	-.16	8.89	11.00	13.06	-8.4929	-.1408
31 JAN. 74	1215	13.94	14.60	-.66					-.8902
31 JAN. 74	1430	14.61	14.60	.01	10.11	12.11	14.39	-8.5449	.0141
31 JAN. 74	1600	14.94	14.60	.34	10.33	12.61	14.72	-6.8235	.4053
31 JAN. 74	1745	14.94	14.60	.34	11.11	12.94	14.44	-4.4499	.3118
31 JAN. 74	1945	15.00	14.70	.30	11.39	13.17	14.89	-4.5371	.2987
31 JAN. 74	2100	15.00	14.70	.30	11.39	13.11	14.94	-5.5373	.3530
31 JAN. 74	2300	15.11	14.70	.41	11.11	13.06	15.06	-6.7544	.5582
01 FEB. 74	0030	15.17	14.60	.57	11.39	13.33	15.06	-5.9579	.8208
01 FEB. 74	0130	15.28	14.60	.68	11.39	13.33	15.11	-6.1321	.9817
01 FEB. 74	0600	15.44	14.80	.64	12.39	13.72	15.28	-5.0341	.8751
01 FEB. 74	0815	15.61	14.80	.81	12.61	13.94	15.44	-4.7467	1.1748
01 FEB. 74	0930	15.72	14.80	.92	12.50	14.00	15.50	-4.1114	1.1688
01 FEB. 74	1040	16.00	14.80	1.20	12.78	14.22	15.72	-4.5065	1.8467
01 FEB. 74	1205	15.94	14.70	1.24	14.28	14.44	15.89	-3.1868	1.9151
01 FEB. 74	1300	15.94	14.80	1.14	13.33	14.50	15.83	-3.0276	1.6576
01 FEB. 74	1430	16.00	14.70	1.30	14.00	14.89	15.67	-1.2639	1.8829
01 FEB. 74	1600	15.56	14.80	.76	14.11	14.44	15.56	-2.4780	1.0259
01 FEB. 74	1800	15.51	14.80	.81	14.22	14.83	15.61	-1.0659	1.1014
01 FEB. 74	2100	15.57	14.80	.87	13.94	14.78	15.67	-1.4532	1.2553
01 FEB. 74	2215	15.78	14.80	.98	14.06	14.78	15.67	-1.9329	1.6817
02 FEB. 74	0600	14.94	14.80	.14	14.33	14.67	14.89	-.4846	.1309
02 FEB. 74	0745	14.78	14.70	.08	13.89	14.44	14.89	-.6566	.0634
02 FEB. 74	0930	14.50	14.70	-.20	12.17	13.33	14.39	-2.9054	-.1629
02 FEB. 74	1030	14.83	14.70	.13	12.39	13.50	14.61	-2.5171	.0966
02 FEB. 74	1145	15.06	14.80	.26	12.61	13.61	14.50	-2.5997	.1851
02 FEB. 74	1245	15.06	14.80	.26	12.61	13.61	14.50	-3.8995	.2776
02 FEB. 74	1345	15.00	14.80	.20	11.67	13.39	14.61	-4.8640	.2354

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DATE	LOCAL TIME	DRY BULB	SEA TEMP	TEMP DIFF.	DEW POINT	WET BULB	DPA TEMP	LATENT HEAT FLUX	SENSIBLE HEAT FLUX
DD MMM YY	ZONE W	DEG C	DEG C	DEG C	DEG C	DEG C	DEG C	MW/CM**2	MW/CM**2
02 FEB. 74	1445	14.94	14.80	.14	11.61	13.22	14.50	-4.5035	.1438
02 FEB. 74	1600	14.83	14.80	.03	11.33	13.22	14.61	-3.9852	.0302
02 FEB. 74	1700	14.78	14.80	-.02	11.06	13.06	14.56	-4.7689	-.0221
02 FEB. 74	1800	14.72	14.90	-.18	11.06	12.67	14.44	-7.5261	-.2253
02 FEB. 74	2000	14.44	14.80	-.36	10.56	11.89	14.22	-10.1639	-.4828
02 FEB. 74	2115	14.39	14.70	-.31	9.50	12.50	14.22	-7.6906	-.4224
02 FEB. 74	2230	13.94	14.60	-.66	9.44	12.56	14.22	-6.6023	-.8902
02 FEB. 74	2340	14.44	14.80	-.36	9.39	12.11	14.28	-7.5090	-.3862
03 FEB. 74	0610				9.33		14.17		
03 FEB. 74	0800	14.44	14.60	-.16	10.28	12.22	14.28	-8.5194	-.2112
03 FEB. 74	0915	14.67	14.70	-.03	10.28	12.33	14.33	-7.5317	-.0392
03 FEB. 74	1050	15.17	14.60	.57	10.28	12.33	14.78	-9.8001	.8208
03 FEB. 74	1215	15.11	14.60	.51	10.50	12.67	14.72	-8.9753	.7866
03 FEB. 74	1320	14.39	14.60	-.21	10.17	12.67	14.67	-6.8582	-.2867
03 FEB. 74	1434	14.39	14.50	-.11	10.17	12.67	14.78	-6.1809	-.1408
03 FEB. 74	1524	15.11	14.60	.51	11.67	13.22	14.83	-5.9104	.6940
03 FEB. 74	1815	14.94	14.60	.34	13.39	13.94	14.67	-3.1930	.4989
03 FEB. 74	2025	14.72	14.60	.12	13.50	14.17	14.67	-1.4641	.1328
03 FEB. 74	2240	15.00	14.70	.30	14.61	13.89	14.89	-3.2856	.3802
04 FEB. 74	0830	15.11	14.80	.31	14.61	14.89	14.94	-.0533	.1971
04 FEB. 74	0915	15.28	14.80	.48		15.11		.2359	.3028
04 FEB. 74	1130	15.56	14.80	.76	14.56	15.00	15.17	-.2248	.6840
04 FEB. 74	1340	15.67	15.00	.67		15.44		.5079	.6035
04 FEB. 74	1345	15.44	15.00	.44	14.72	15.11	15.17	-.1476	.4023
04 FEB. 74	1450		15.10						
04 FEB. 74	1615	15.44	15.20	.24	14.94	15.17	15.33	-.2618	.1770
04 FEB. 74	1630		15.10		14.78				
04 FEB. 74	1815	14.72	15.20	-.48	14.17	14.50	14.56	-1.0704	-.3460
04 FEB. 74	1824	15.00	15.20	-.20	14.11	14.94	14.50	-.3749	-.1448
04 FEB. 74	2000	14.44	15.10	-.66	13.83	14.17	14.17	-.8736	-.2967

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DATE	LOCAL TIME	DRY BULB	SEA TEMP	TEMP DIFF.	DEW POINT	WET BULB	OPA TEMP	LATENT HEAT FLUX	SENSIBLE HEAT FLUX
DD MMM YY	ZONE W	DEG C	DEG C	DEG C	DEG C	DEG C	DEG C	MW/CM**2	MW/CM**2
04 FEB. 74	2023	14.39	15.10	-.71	13.61	14.22	13.94	-.7763	-.3219
04 FEB. 74	2130	14.50	15.10	-.60	14.00	14.33	14.33	-.4142	-.1629
04 FEB. 74	2212	14.39	15.10	-.71	13.78	14.33	14.11	-.5086	-.2575
04 FEB. 74	2300	14.44	15.10	-.66	13.78				-.2374
04 FEB. 74	2329	14.28	15.10	-.82	14.00	14.11	14.33	-1.0341	-.4466
05 FEB. 74	0250	14.00	15.20	-1.20	13.39	14.00	13.72	-1.8924	-1.0863
05 FEB. 74	0430		15.00		13.44		13.78		
05 FEB. 74	0610				13.28		13.67		
05 FEB. 74	0705	14.44	15.00	-.56	13.17	14.06	13.89	-2.7972	-.7544
05 FEB. 74	0830	15.56	15.00	.56		15.39	15.56	.7060	.7544
05 FEB. 74	0855	15.56	15.00	.56	14.00	14.56	15.11	-2.7035	.8047
05 FEB. 74	1035	16.06	15.10	.96	14.00	15.22	15.67	-.9913	1.3840
05 FEB. 74	1100	16.00	15.10	.90	14.17	15.00	15.72	-1.9446	1.3850
05 FEB. 74	1310	16.78	15.10	1.68	14.61	15.94	15.89	1.0526	2.7338
05 FEB. 74	1315	16.11	15.10	1.01	14.61	15.33	15.94	-.7276	1.7391
05 FEB. 74	1445	16.06	15.00	1.06	14.72	15.39	15.94	-.0369	1.7200
05 FEB. 74	1520	16.50	15.00	1.50	14.72	16.00	16.00	2.2209	2.5800
05 FEB. 74	1630	16.06	15.00	1.06	15.00	15.50	15.78	.5722	2.0066
05 FEB. 74	1700	15.94	15.00	.94	15.00	15.78	15.83	2.3507	1.7954
05 FEB. 74	1810		15.00		15.44		16.11		
05 FEB. 74	1840	15.94	15.00	.94	15.33	15.83	15.89	2.4089	1.6244
05 FEB. 74	2031		15.00		15.50		16.06		
05 FEB. 74	2045	16.11	15.00	1.11	15.44	15.61	16.06	.8705	1.7099
05 FEB. 74	2210	15.78	14.90	.88	14.28	15.44	15.67	.6715	.9535
05 FEB. 74	2345	15.44	14.90	.54	14.17	14.72	15.22	-1.0922	.5421
06 FEB. 74	0025	15.44	14.90	.54	13.78	14.94	15.00	-.3777	.4436
06 FEB. 74	0245	14.33	14.90	-.57	12.94	14.28	14.72	-.6210	-.3078
06 FEB. 74	0450	14.78	14.80	-.02	13.56	14.06	14.50	-1.1226	-.0121
06 FEB. 74	0725	14.72	14.80	-.08	13.44	14.00	14.44	-1.5646	-.0563
06 FEB. 74	0830	15.00	14.90	.10	13.28	14.17	14.78	-1.9698	.0905

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DATE	LOCAL TIME	DRY BULB	SEA TEMP	TEMP DIFF.	DEW POINT	WET BULB	OPA TEMP	LATENT HEAT FLUX	SENSIBLE HEAT FLUX
DD MMM YY	ZONE W	DEG C	DEG C	DEG C	DEG C	DEG C	DEG C	MW/CM**2	MW/CM**2
06 FEB. 74	0925	15.17	14.90	.27	13.06	14.06	15.06	-2.8951	.2897
06 FEB. 74	1000	15.28	14.90	.38	13.11	14.17	15.06	-3.1393	.4789
06 FEB. 74	1115	15.56	14.90	.66	13.56	14.44	15.50	-3.2616	1.0682
06 FEB. 74	1250	15.89	14.90	.99	14.00	14.83	15.61	-2.2865	1.7904
06 FEB. 74	1330				14.22		16.22		
06 FEB. 74	1450	16.22	14.90	1.32	14.22	15.06	16.22	-1.7903	2.3939
06 FEB. 74	1540	13.89	14.70	-.81	9.50				-1.7622
06 FEB. 74	1700	14.50	14.70	-.20	7.89	11.11	14.56	-18.5999	-.3983
06 FEB. 74	1745	14.44	14.60	-.16	9.11	11.28	14.33	-15.7278	-.2816
06 FEB. 74	1930	14.11	14.50	-.39	7.89	11.11	13.11	-11.6382	-.5281
06 FEB. 74	1950	13.94	14.70	-.76	8.06	11.06	13.83	-12.8588	-1.0943
06 FEB. 74	2115	14.78	14.80	-.02	9.44	11.78	14.56	-10.3037	-.0282
06 FEB. 74	2220	14.50	14.60	-.10	4.17	11.39	15.28	-16.0965	-.1901
06 FEB. 74	2300	14.72	14.70	.02	5.00	10.11	14.44	-19.6118	.0362
07 FEB. 74	0000	14.78	14.70	.08	5.00	10.44	14.56	-19.4121	.1338
07 FEB. 74	0035	15.00	14.40	.60	6.17	11.39	14.50	-14.1129	.9777
07 FEB. 74	0100				6.67		14.50		
07 FEB. 74	0248	13.89	14.50	-.61	6.11	11.39	12.94	-13.8198	-1.1064
07 FEB. 74	0450	14.06	14.60	-.54	5.39	10.33	13.67	-21.1163	-1.0843
07 FEB. 74	0610				4.72		12.83		
07 FEB. 74	0645		14.90		5.83		11.94		
07 FEB. 74	0650	12.72	14.60	-1.88	7.00	9.94	12.11	-17.3788	-3.2297
07 FEB. 74	0710	13.22	14.70	-1.48	5.83	9.44	12.94	-27.1806	-3.3444
07 FEB. 74	0825	13.28			4.72	9.39	12.94		
07 FEB. 74	0845	13.44	14.50	-1.06	5.00	10.06	13.17	-18.9064	-1.9111
07 FEB. 74	1000	13.44	14.60	-1.16	5.39	9.33	13.33	-22.3367	-2.0921
07 FEB. 74	1035	13.22	14.60	-1.38	4.44	10.06	12.78	-15.9685	-2.1203
07 FEB. 74	1100	13.11	14.60	-1.49	4.17	8.94	12.72	-17.4998	-2.0217
07 FEB. 74	1315	13.06	14.80	-1.74	1.94	7.11	12.67	-21.9442	-2.2108
07 FEB. 74	1430	13.06	14.80	-1.74	3.06	8.78	12.78	-14.7350	-1.8950

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DATE	LOCAL TIME	DRY BULB	SEA TEMP	TEMP DIFF.	DEW POINT	WET BULB	DPA TEMP	LATENT HEAT FLUX	SENSIBLE HEAT FLUX
DD MMM YY	ZONE M	DEG C	DEG C	DEG C	DEG C	DEG C	DEG C	MW/CM**2	MW/CM**2
07 FEB. 74	1530	13.00	14.80	-1.80	2.50	8.39	12.72	-15.6405	-1.9553
07 FEB. 74	1600	13.06	14.70	-1.64	3.11	9.06	12.67	-8.0753	-1.0420
07 FEB. 74	1700	13.11	14.80	-1.69	3.06	8.67	12.78	-13.8221	-1.6817
07 FEB. 74	1815	13.33	14.70	-1.37	3.11	9.22	12.72	-8.0181	-.9660
07 FEB. 74	1900	13.17	14.80	-1.63	3.33	8.78	12.78	-6.1938	-.7393
07 FEB. 74	2002	13.39	14.50	-1.11	3.33	9.39	12.78	-6.5030	-.6035
07 FEB. 74	2030	13.61	14.80	-1.19	3.72	9.00	12.83	-3.7064	-.3229
07 FEB. 74	2200	13.06	14.70	-1.64	3.72	8.89	12.78	-7.1323	-.8932
07 FEB. 74	2235	13.83	14.50	-.67	4.61	9.56	12.83	-6.5493	-.3621
07 FEB. 74	2300	12.89	14.80	-1.91	4.17	8.56	12.72	-10.0640	-1.3840
08 FEB. 74	0015	13.39	14.40	-1.01	4.33	10.06	12.72	-7.3941	-.7322
08 FEB. 74	0128	13.33	14.40	-1.07	4.67	10.28	12.83	-5.2207	-.5794
08 FEB. 74	0320	13.44	14.70	-1.26	4.44	9.89	12.99	-6.0788	-.6820
08 FEB. 74	0520	13.22	14.60	-1.38	5.28	10.00	12.89	-4.7572	-.6236
08 FEB. 74	0700	13.39	14.70	-1.31	5.28	10.00	12.94	-6.8848	-.8308
08 FEB. 74	0943	14.56	14.60	-.04	6.72	11.50	13.33	-6.7186	-.0362
08 FEB. 74	1000	14.22	14.70	-.48	6.28	10.61	13.56	-11.1653	-.5190
08 FEB. 74	1106	14.78	14.60	.18	6.89	11.61	13.72	-10.3982	.2253
08 FEB. 74	1135	14.06	14.80	-.74	7.00	10.56	13.78	-14.1360	-1.0109
08 FEB. 74	1345	14.28	14.80	-.52	7.33	10.61	14.06	-12.3731	-.6146
08 FEB. 74	1434	15.11	14.60	.51	7.11	12.22	14.11	-8.2320	.6015
08 FEB. 74	1515	14.44	14.80	-.36	8.39	11.11	14.28	-9.4151	-.3541
08 FEB. 74	1610	14.78	14.70	.08	8.61	12.61	14.56	-5.7681	.0774
08 FEB. 74	1630	14.83	14.80	.03	7.72	11.61	14.50	-8.5787	.0332
08 FEB. 74	1730	14.44	14.80	-.36	8.11	12.11	14.56	-6.8833	-.3541
08 FEB. 74	1820	15.11	14.70	.41	8.17	12.72	14.61	-5.8354	.4094
08 FEB. 74	1945	15.00	14.70	.30	8.17	11.67	14.83	-9.2098	.3259
08 FEB. 74	2015	15.50	14.60	.90		12.67	14.94	-6.2264	.8962
08 FEB. 74	2100	15.28	14.70	.58	8.89	11.06	14.94	-11.2085	.6276
08 FEB. 74	2230	15.33	14.80	.53	8.44	12.00	15.11	-10.3420	.6759

POLE MERGED METEOROLOGIC DATA (LISTING NUMBER 2) PAGE 7 OF 9

DATE	LOCAL TIME	DRY BULB	SEA TEMP	TEMP DIFF.	DEW POINT	WET BULB	DPA TEMP	LATENT HEAT FLUX	SENSIBLE HEAT FLUX
DD MMM YY	ZONE W	DEG C	DEG C	DEG C	DEG C	DEG C	DEG C	MW/CM**2	MW/CM**2
08 FEB. 74	2240	15.33	14.60	.73	8.39	12.00	15.06	-8.4840	.7966
09 FEB. 74	0000	15.28	14.70	.58	8.78	12.17	15.06	-8.1408	.6276
09 FEB. 74	0015	15.44	14.70	.74	9.61	13.11	14.94	-5.6340	.8087
09 FEB. 74	0100				8.44		15.06		
09 FEB. 74	0235	15.72	14.70	1.02	7.67	12.78	15.44	-6.3475	1.0179
09 FEB. 74	0545	15.28	14.70	.58	11.39	13.89	14.89	-1.8335	.3661
09 FEB. 74	0820	15.50	14.80	.70	11.56	14.28	15.00	-1.4141	.4436
09 FEB. 74	1015	16.06	14.80	1.26	13.00	14.94	15.00	-.8598	1.1366
09 FEB. 74	1025	15.56	14.80	.76	12.83	14.00	15.06	-2.7733	.6840
09 FEB. 74	1200	15.50	14.80	.70	12.67	14.06	15.11	-2.8376	.6970
09 FEB. 74	1415	15.28	14.80	.48	13.11	14.33	15.00	-1.4953	.3893
09 FEB. 74	1435	15.56	14.80	.76	13.17	15.11	14.94	.0513	.5472
09 FEB. 74	1450	15.33	14.90	.43	13.50	14.89	15.06	-.2726	.2354
09 FEB. 74	1530	15.22	14.80	.42	13.39	14.44	14.94	-.9274	.2676
09 FEB. 74	1700	15.22	14.90	.32	13.50	14.44	15.06	-.8909	.1750
09 FEB. 74	1830	15.44	14.90	.54	13.22	14.39	15.11	-1.2909	.3450
09 FEB. 74	1920	15.67	14.80	.87	13.28	14.83	15.22	-.3826	.3923
09 FEB. 74	2000	15.50	14.80	.70	13.22	14.44	15.33	-.7988	.3169
09 FEB. 74	2130	15.39	14.80	.59	13.00	14.33	15.22	-1.5934	.4799
09 FEB. 74	2211	15.61	14.80	.81	13.06	14.72	15.22	-.6976	.5140
09 FEB. 74	2300	15.39	14.80	.59	13.17	14.33	15.17	-1.5934	.4799
10 FEB. 74	0030	15.61	14.80	.81	12.94	14.17	15.44	-1.4456	.4406
10 FEB. 74	0145	14.83	14.80	.03	13.44	14.78	14.44	-.0720	.0241
10 FEB. 74	0200	15.00	14.80	.20	13.06	14.28	14.89	-1.2236	.1448
10 FEB. 74	0500	14.83	14.80	.03	13.44	14.72	14.22	-.1630	.0211
10 FEB. 74	0700	14.72	14.80	-.08	13.33	14.56	14.28	-.4406	-.0563
10 FEB. 74	0900	14.67	14.80	-.13	13.33	14.00	14.28	-1.1408	-.0724
10 FEB. 74	0945	15.06	14.80	.26	13.33	14.83	14.39	-.0990	.1388
10 FEB. 74	1030	14.72	14.80	-.08	13.33	14.17	14.39	-.9224	-.0422
10 FEB. 74	1200	14.83	14.80	.03	13.50	14.28	14.28	-.8195	.0181

POLE MERGED METEOROLOGIC DATA (LISTING NUMBER 2) PAGE 8 OF 9

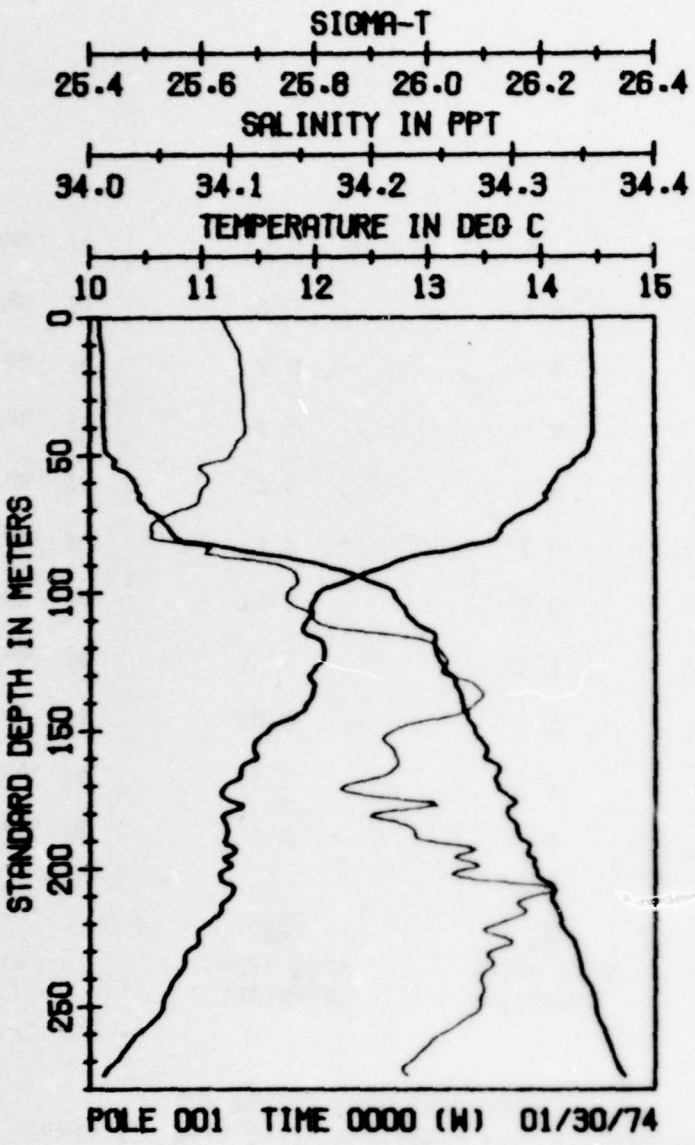
DATE	LOCAL TIME	DRY BULB	SEA TEMP	TEMP DIFF.	DEW POINT	WET BULB	OPA TEMP	LATENT HEAT FLUX	SENSIBLE HEAT FLUX
DD MMM YY	ZONE W	DEG C	DEG C	DEG C	DEG C	DEG C	DEG C	MW/CM**2	MW/CM**2
10 FEB. 74	1225	15.17	14.90	.27	13.39	14.78	14.28	-.3464	.1448
10 FEB. 74	1420	14.22	14.80	-.58	13.06	14.17	13.72	-1.0465	-.5230
10 FEB. 74	1500	14.28	14.90	-.62	13.06				-.5069
10 FEB. 74	1700	14.11	14.90	-.79	13.17	13.72	13.83	-1.9874	-.6427
10 FEB. 74	2030	14.72	15.00	-.28	12.94	14.44	14.44	-.5774	-.1257
10 FEB. 74	2230	14.39	15.00	-.61	13.33	13.89	14.00	-1.1136	-.2766
11 FEB. 74	0350	13.78	14.80	-1.02	12.50	13.61	13.22	-1.9963	-.9254
11 FEB. 74	0610	14.06	14.80	-.74	12.61	13.72	13.22	-1.7944	-.6065
11 FEB. 74	0800	13.94			12.44	13.50	13.22		
11 FEB. 74	0930	13.78	14.80	-1.02	12.61	13.44	13.44	-2.1661	-.8329
11 FEB. 74	1005	13.94	14.80	-.86	12.61	13.50	13.33	-2.4337	-.7745
11 FEB. 74	1110	14.22	14.90	-.68	12.89	13.61	13.89	-2.5922	-.6136
11 FEB. 74	1205	15.44	14.90	.54	12.61	13.83	14.28	-1.6201	.2464
11 FEB. 74	1245	15.00	15.10	-.10	12.28	13.56	14.61	-1.9074	-.0453
11 FEB. 74	1410	15.50	15.10	.40	10.89	13.17	14.78	-2.6281	.1810
11 FEB. 74	1415				11.67		14.67		
11 FEB. 74	1615	15.17	15.00	.17	10.61	12.94	14.44	-3.7139	.1056
11 FEB. 74	1715	14.56	15.00	-.44	10.56	12.39	14.33	-3.6201	-.2414
11 FEB. 74	1900	13.89	14.90	-1.01	10.44	12.22	13.61	-4.4902	-.7322
11 FEB. 74	2230	13.61	14.90	-1.29	12.17	13.06	13.17	-3.3516	-1.1668
11 FEB. 74	2400	14.17	14.80	-.63	10.56	12.39	13.83	-8.5308	-.9173
12 FEB. 74	0115	14.78	14.90	-.12	11.06	12.78	14.44	-6.7137	-.1438
12 FEB. 74	0315	14.83	14.80	.03	13.06	14.06	14.33	-2.3107	.0362
12 FEB. 74	0518	15.28	14.80	.48	13.50	14.56	14.83	-1.6443	.6488
12 FEB. 74	0720	15.72	14.70	1.02	13.72	14.83	15.28	-1.1231	1.5731
12 FEB. 74	0925	16.22	14.80	1.42	13.83	15.06	15.72	-1.3968	2.4462
12 FEB. 74	1000	15.89	14.80	1.09	13.61	14.67	15.83	-2.6824	1.8729
12 FEB. 74	1145	16.22	15.00	1.22	13.56	14.89	15.78	-2.9758	2.2128
12 FEB. 74	1200	16.11	14.80	1.31	13.50	14.78	15.89	-2.9580	2.6111
12 FEB. 74	1325	16.39	14.80	1.59	13.78	15.00	15.89	-2.5033	3.4520

POLE MERGED METEOROLOGIC DATA (LISTING NUMBER 2) PAGE 9 OF 9

DATE	LOCAL TIME	DRY BULB	SEA TEMP	TEMP DIFF.	DEW POINT	WET BULB	OPA TEMP	LATENT HEAT FLUX	SENSIBLE HEAT FLUX
DD MMM YY	ZONE W	DEG C	DEG C	DEG C	DEG C	DEG C	DEG C	MW/CM**2	MW/CM**2
12 FEB. 74	1410	16.11	14.80	1.31	13.72	14.44	15.94	-5.2731	2.8485
12 FEB. 74	1530	16.11	14.80	1.31	13.78	14.67	16.06	-3.9117	2.8485
12 FEB. 74	1700	16.39	14.80	1.59	13.28	14.72	16.33	-4.5759	3.7397
12 FEB. 74	1750		14.60		11.78		12.89		
12 FEB. 74	2000	14.28	14.60	-.32	11.50	12.89	13.89	-4.7166	-.3500
12 FEB. 74	2130	14.39	14.60	-.21	11.78	13.06	13.94	-3.2733	-.1720
12 FEB. 74	2330	14.22	14.60	-.38	10.44	12.17	13.94	-2.7963	-.1710
13 FEB. 74	0100	14.06	14.70	-.64	10.06	12.11	13.61	-1.1435	-.1167
13 FEB. 74	0300	14.51	14.60	.01	9.89	12.28	13.44	-1.7136	.0030
13 FEB. 74	0510	14.51	14.60	.01	10.83	12.78	13.78	-3.1668	.0070
13 FEB. 74	0720	14.51	14.60	.01	12.78	13.83	14.17	-2.3348	.0121
13 FEB. 74	0905	15.17	14.60	.57	14.22				.8208
13 FEB. 74	0930	16.22	14.70	1.52	14.78	15.56	15.44	1.3975	2.6182
13 FEB. 74	1100	16.39	14.80	1.59	15.00	15.61	16.22	1.2879	3.3082
13 FEB. 74	1130	16.78	14.80	1.98	14.89	15.83	16.44	1.7703	4.1179
13 FEB. 74	1240				14.67		16.44		
13 FEB. 74	1325	16.22	14.70	1.52	14.61	15.56	16.28	1.9123	3.5828
13 FEB. 74	1415	16.67	14.80	1.87	14.61	15.56	16.44	.3637	4.3935
13 FEB. 74	1600	16.72	14.80	1.92	14.22	15.44	16.72	-.5621	4.6982
13 FEB. 74	1740	16.00	14.80	1.20	14.89	15.06	15.89	-1.2925	2.7157
13 FEB. 74	2000		14.80		13.61		16.00		
13 FEB. 74	2130	16.11			14.00	15.00	16.00		
13 FEB. 74	2240	16.50	14.80	1.70	13.83	15.00	16.44	-2.3042	3.0779
14 FEB. 74	0008				14.44		15.89		
14 FEB. 74	0400				14.78				

Table 3. Mean Daily Radiative Flux Components Measured during the NORPAX POLE Experiment.

Date	Incident Solar Flux ($\frac{mW}{cm^2}$)	Reflected Solar Flux ($\frac{mW}{cm^2}$)	Net All-Wave Flux ($\frac{mW}{cm^2}$)	Net Long-Wave Flux ($\frac{mW}{cm^2}$)	Sea Surface Temp. (°C)
03 Feb. 74	7.8	-.4	5.3	-2.8	14.8
04 Feb. 74	9.2	-.7	7.1	-1.0	15.0
05 Feb. 74	10.0	-.7	6.6	-2.3	15.1
06 Feb. 74	12.5	-1.1	5.3	-4.2	14.6
07 Feb. 74	16.9	-1.6	7.8	-7.6	14.4
08 Feb. 74	14.8	-1.0	6.3	-6.8	14.3
09 Feb. 74	7.0	-.5	3.5	-2.8	14.7
10 Feb. 74	6.5	-.4	4.4	-.6	14.9
11 Feb. 74	8.8	-.6	5.8	-1.5	14.9
12 Feb. 74	9.0	-.6	4.8	-4.3	14.7
13 Feb. 74	10.3	-.7	5.5	-2.3	14.6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SALINITY IN PPT
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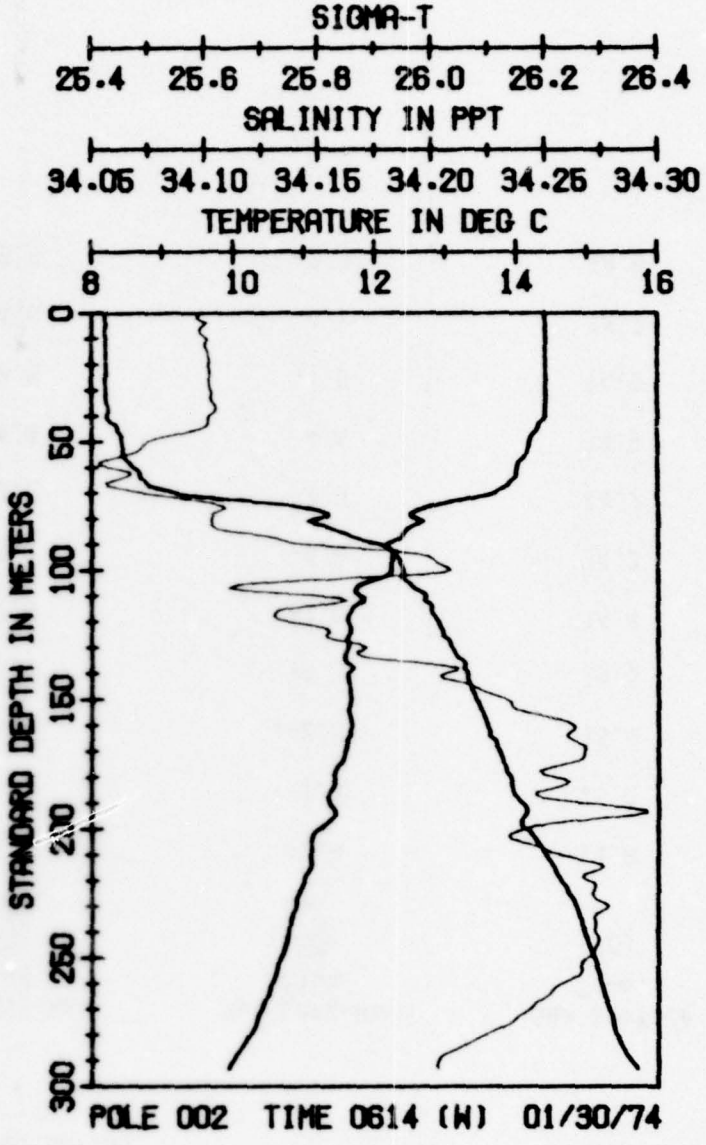
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 001 TIME 0000 (W) 01/30/74


SIGMA-T
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SALINITY IN PPT
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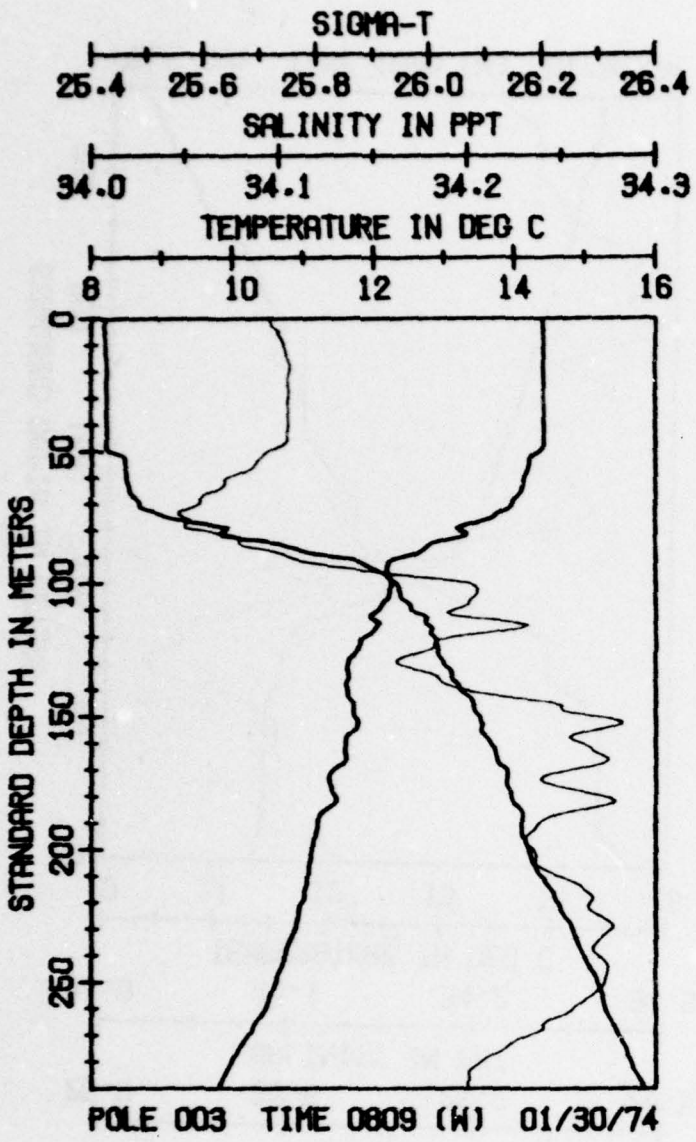
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250 300
POLE 002 TIME 0614 (W) 01/30/74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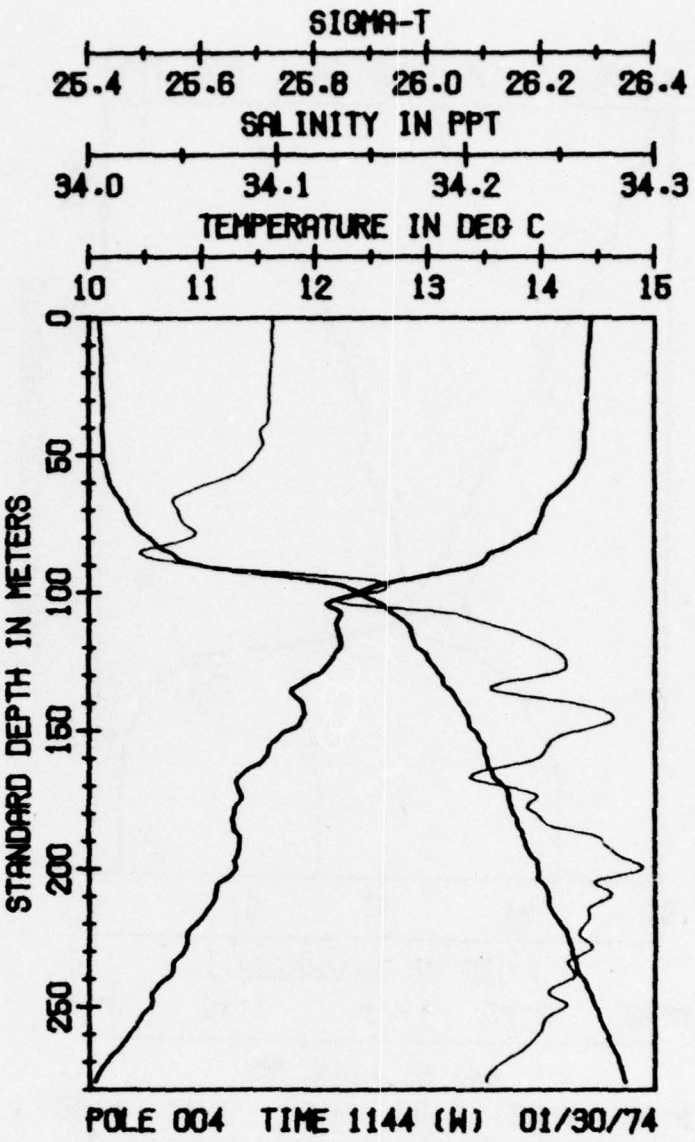
SIGMA-T
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SALINITY IN PPT
34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
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STANDARD DEPTH IN METERS
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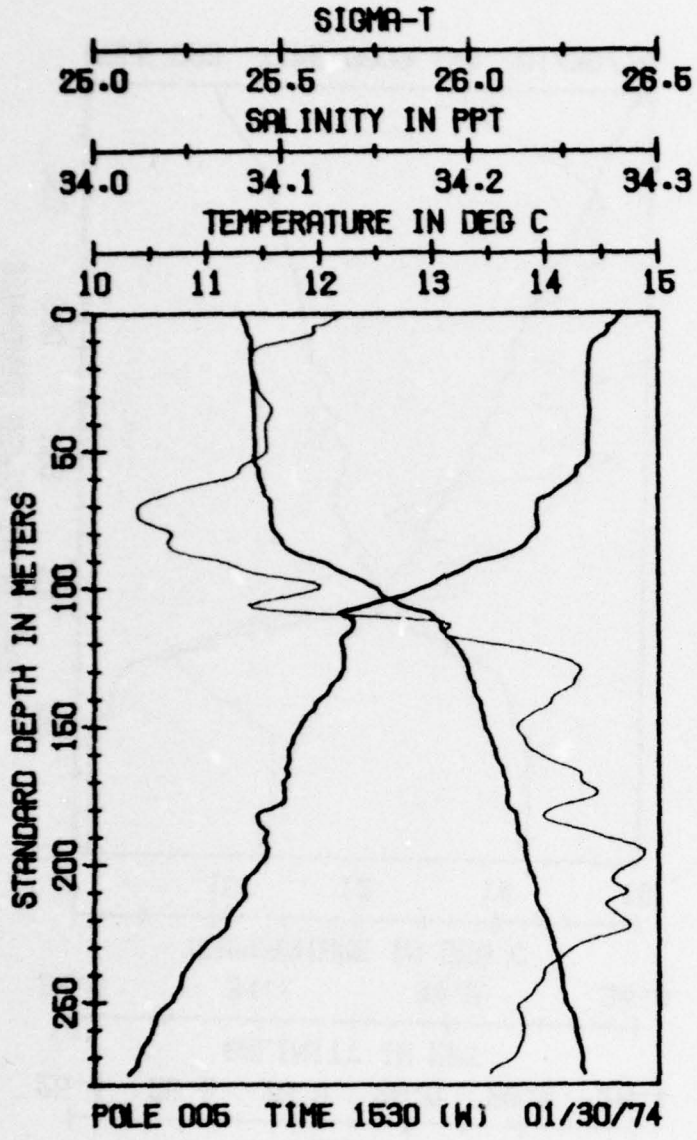
POLE 004 TIME 1144 (W) 01/30/74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SALINITY IN PPT
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STANDARD DEPTH IN METERS
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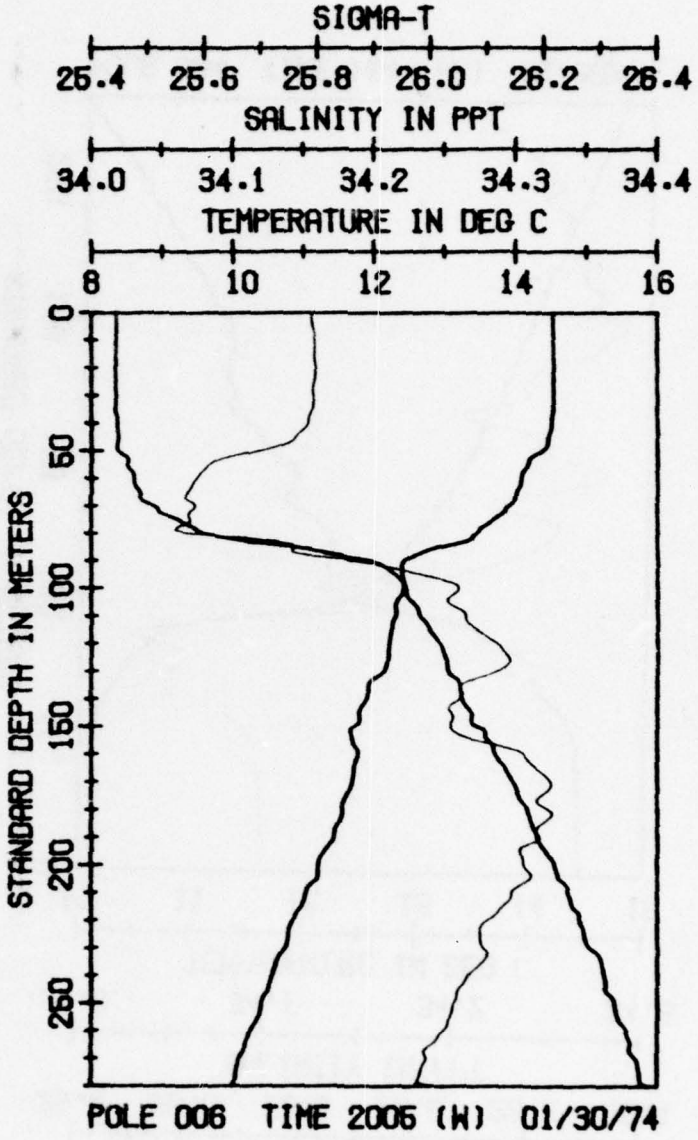
POLE 006 TIME 1530 (W) 01/30/74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SALINITY IN PPT
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TEMPERATURE IN DEG C
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STANDARD DEPTH IN METERS
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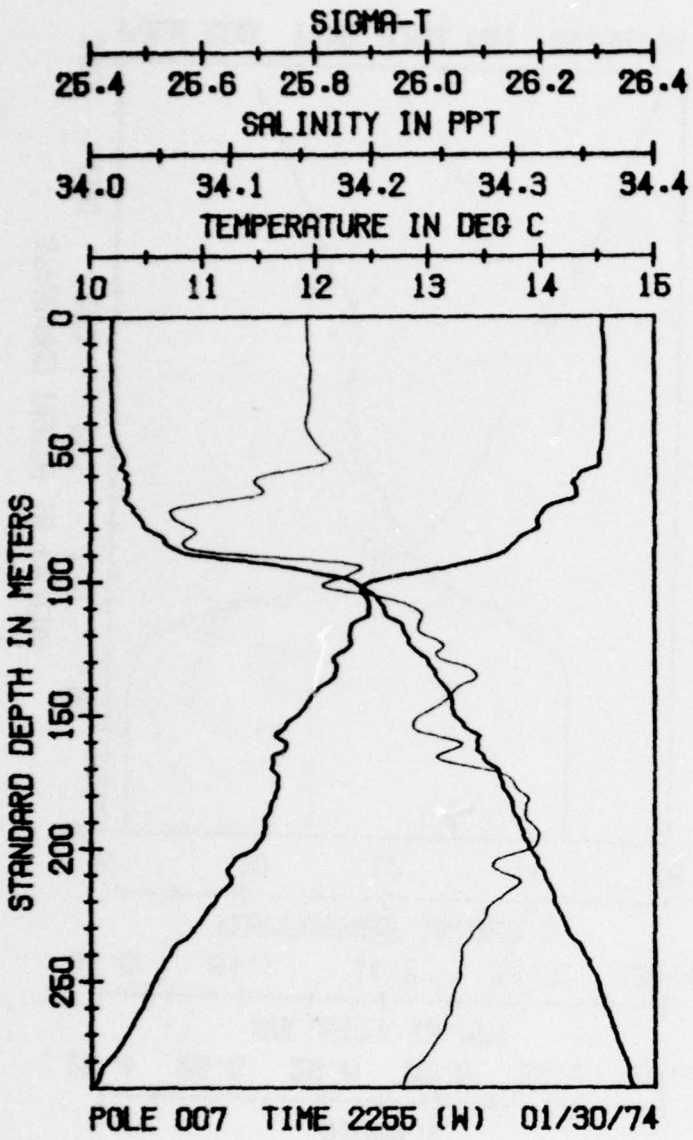
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SALINITY IN PPT
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TEMPERATURE IN DEG C
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STANDARD DEPTH IN METERS
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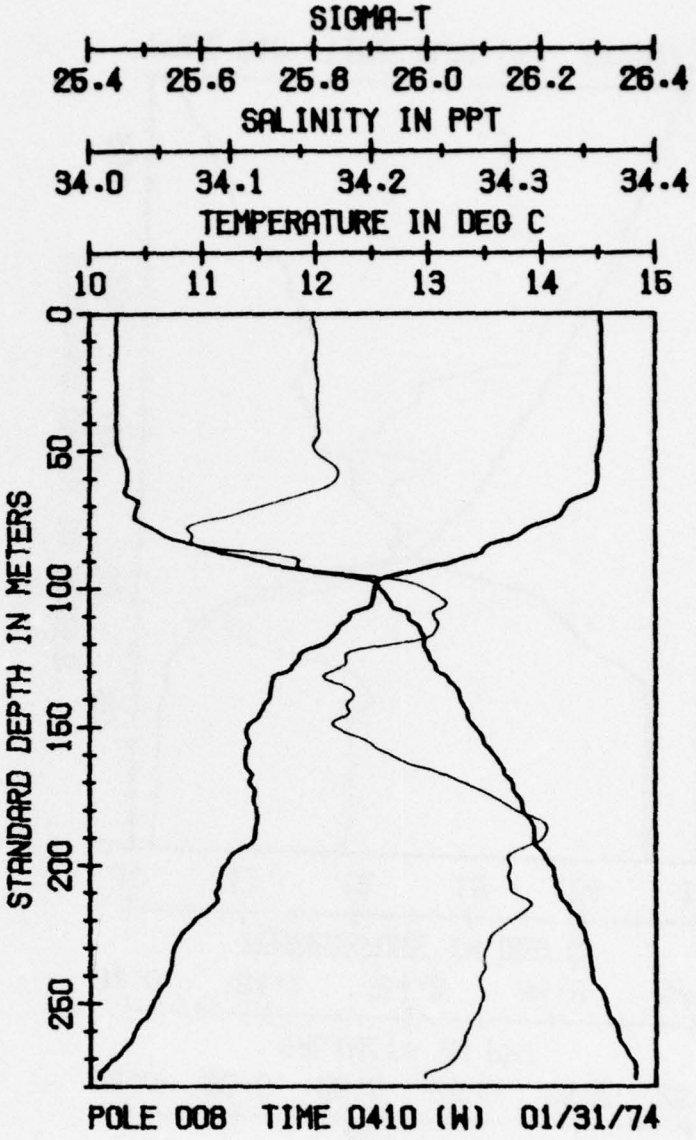
POLE 007 TIME 2255 (W) 01/30/74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SALINITY IN PPT
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TEMPERATURE IN DEG C
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STANDARD DEPTH IN METERS
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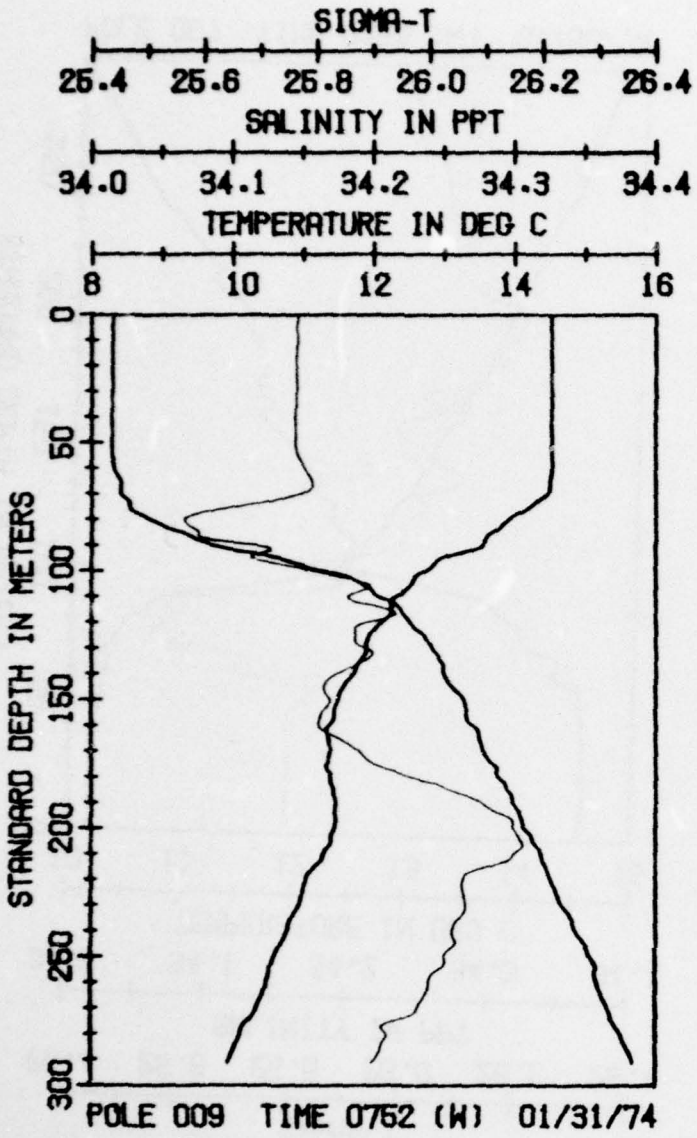
POLE 008 TIME 0410 (W) 01/31/74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SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
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STANDARD DEPTH IN METERS
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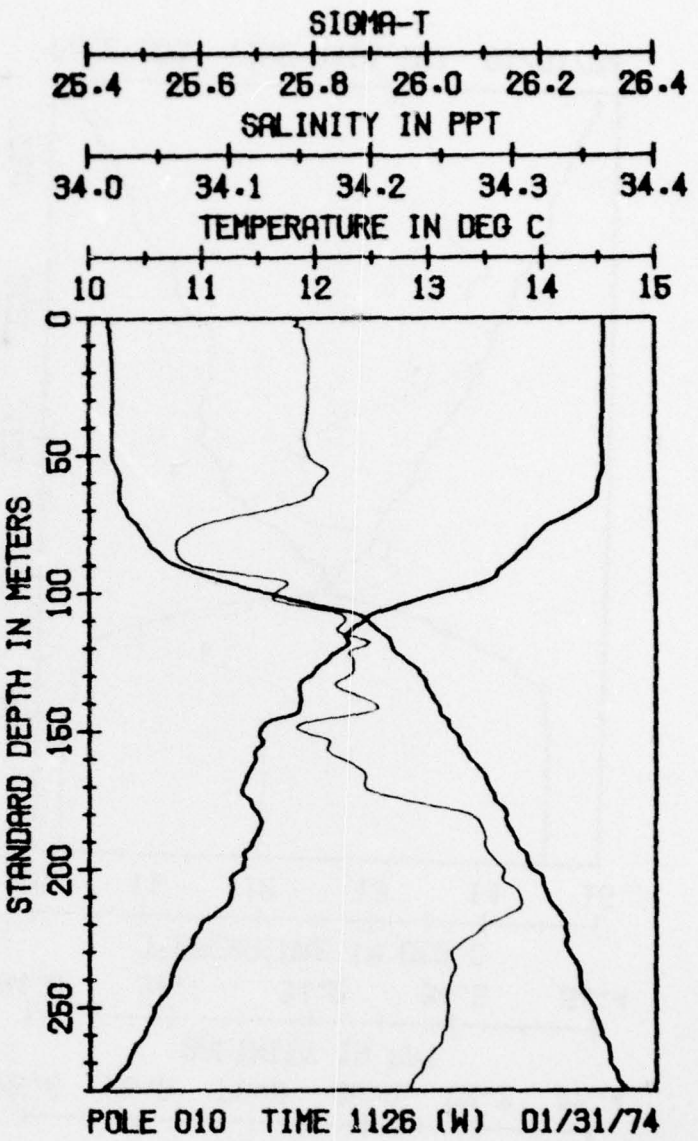
POLE 009 TIME 0752 (W) 01/31/74


SIGMA-T
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SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
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STANDARD DEPTH IN METERS
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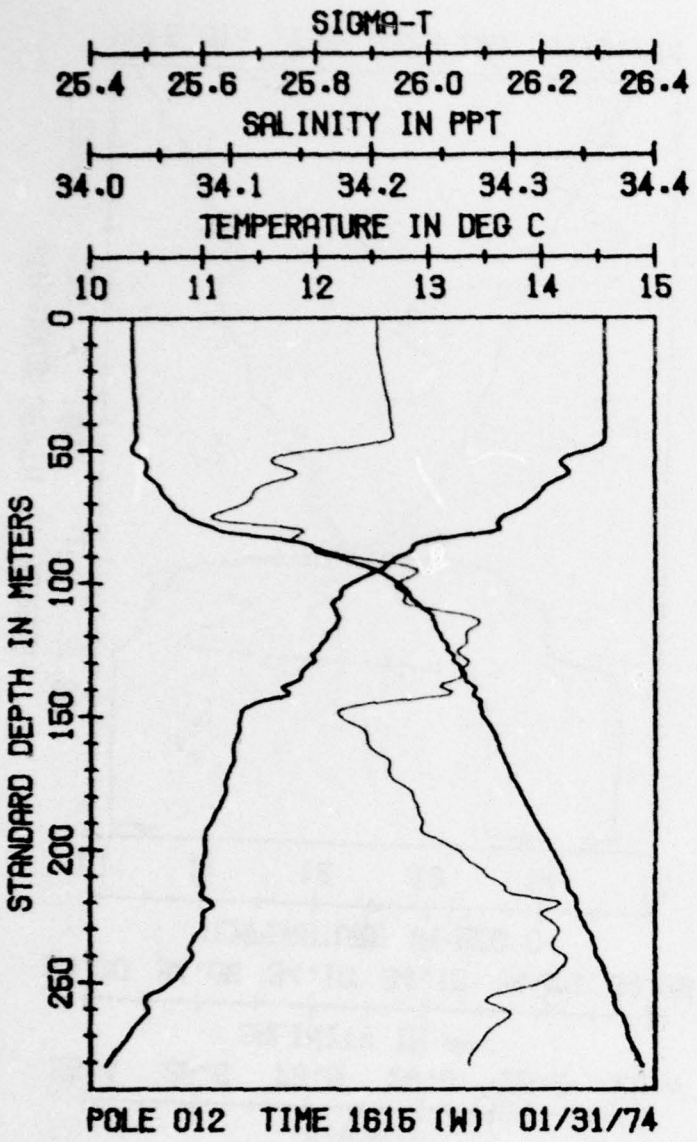
POLE 010 TIME 1126 (W) 01/31/74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SALINITY IN PPT
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TEMPERATURE IN DEG C
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STANDARD DEPTH IN METERS
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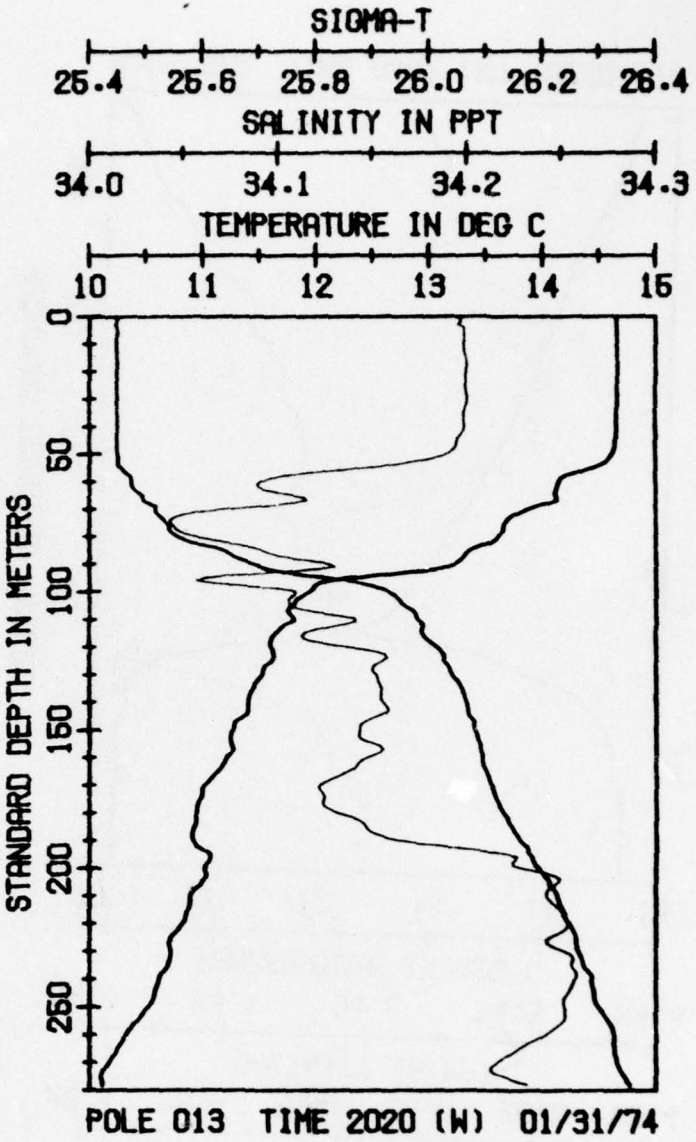
POLE 012 TIME 1615 (W) 01/31/74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STANDARD DEPTH IN METERS
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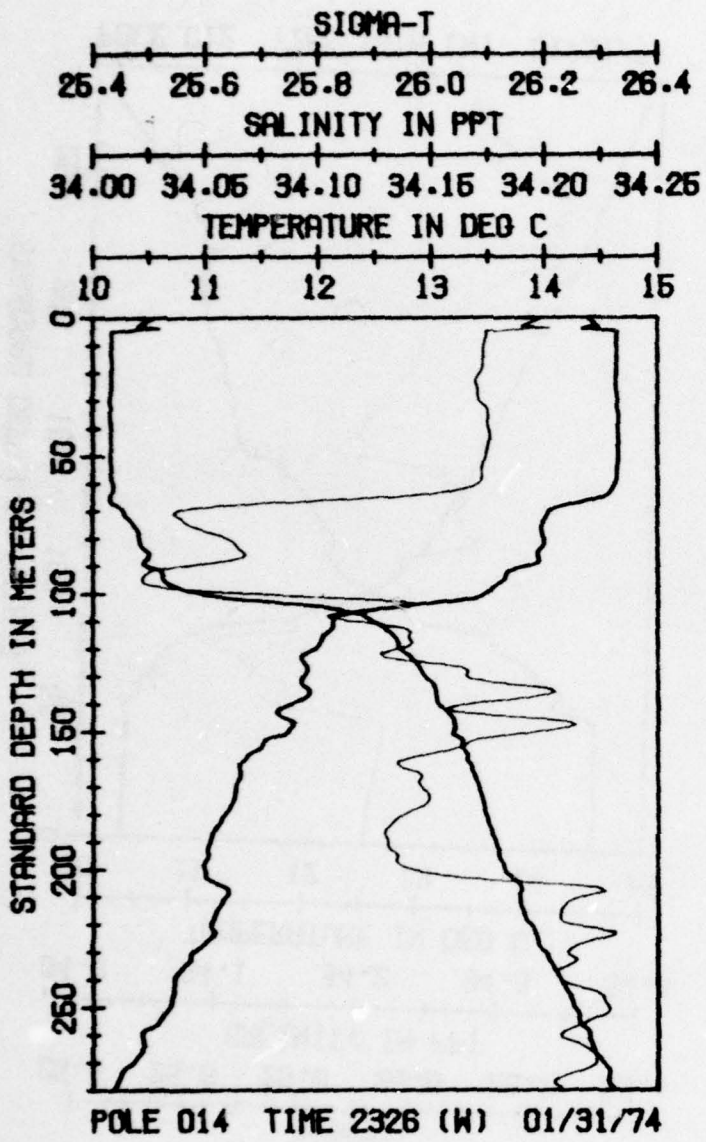
POLE 013 TIME 2020 (W) 01/31/74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STANDARD DEPTH IN METERS
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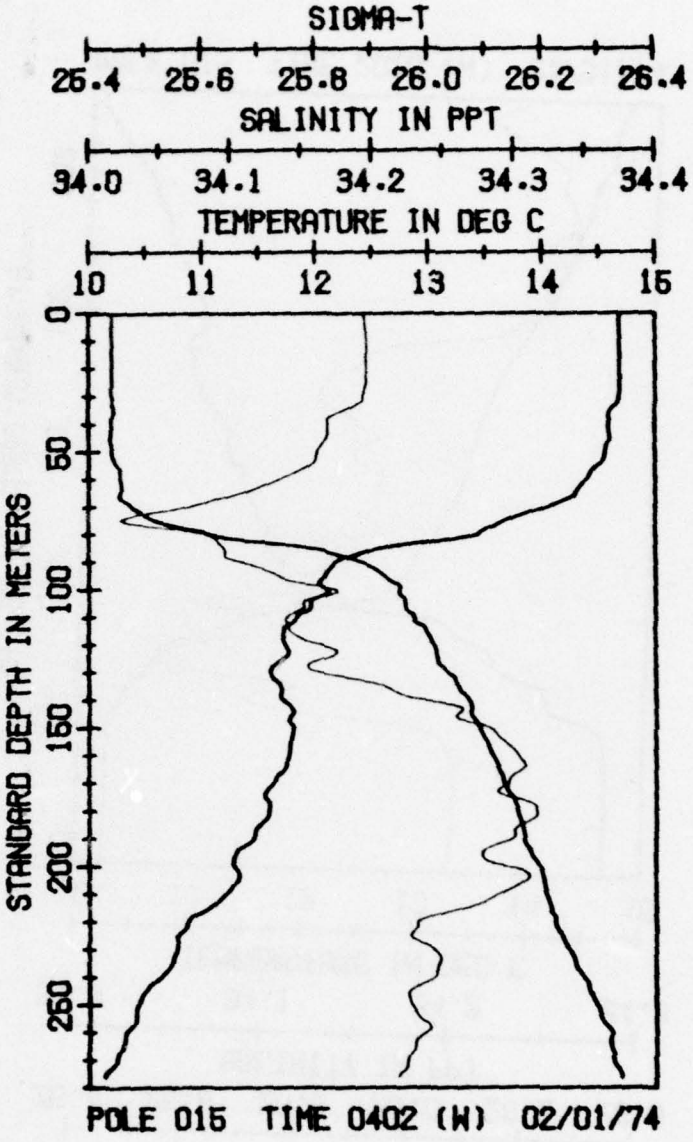
POLE 014 TIME 2326 (W) 01/31/74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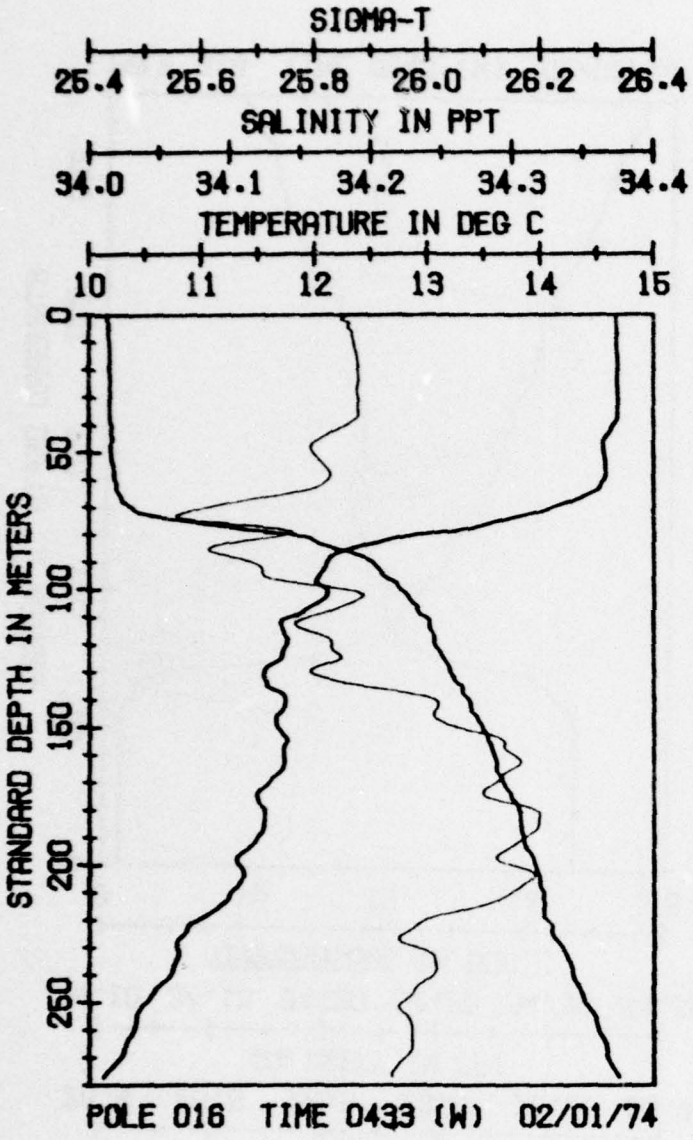
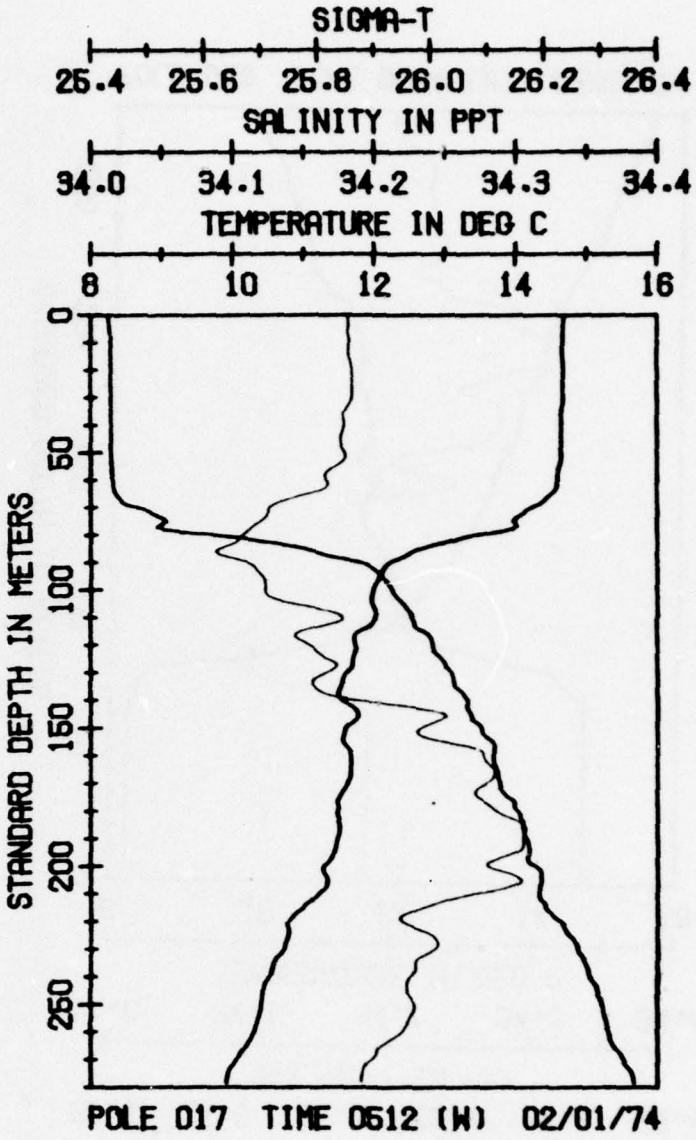
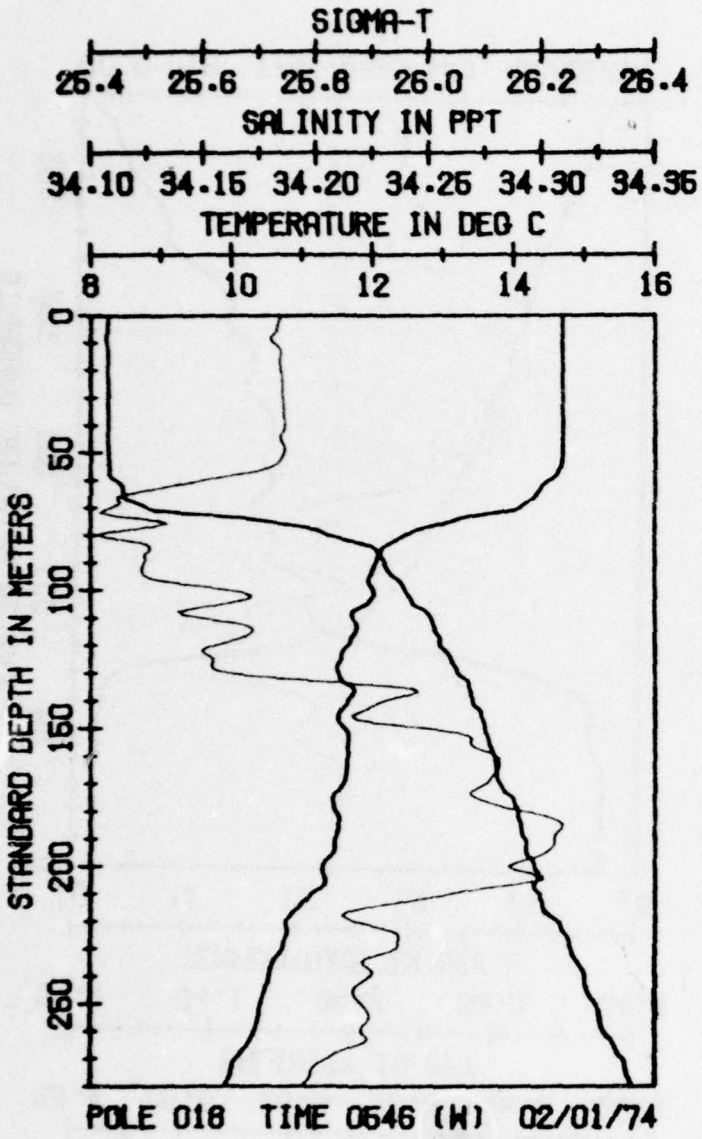
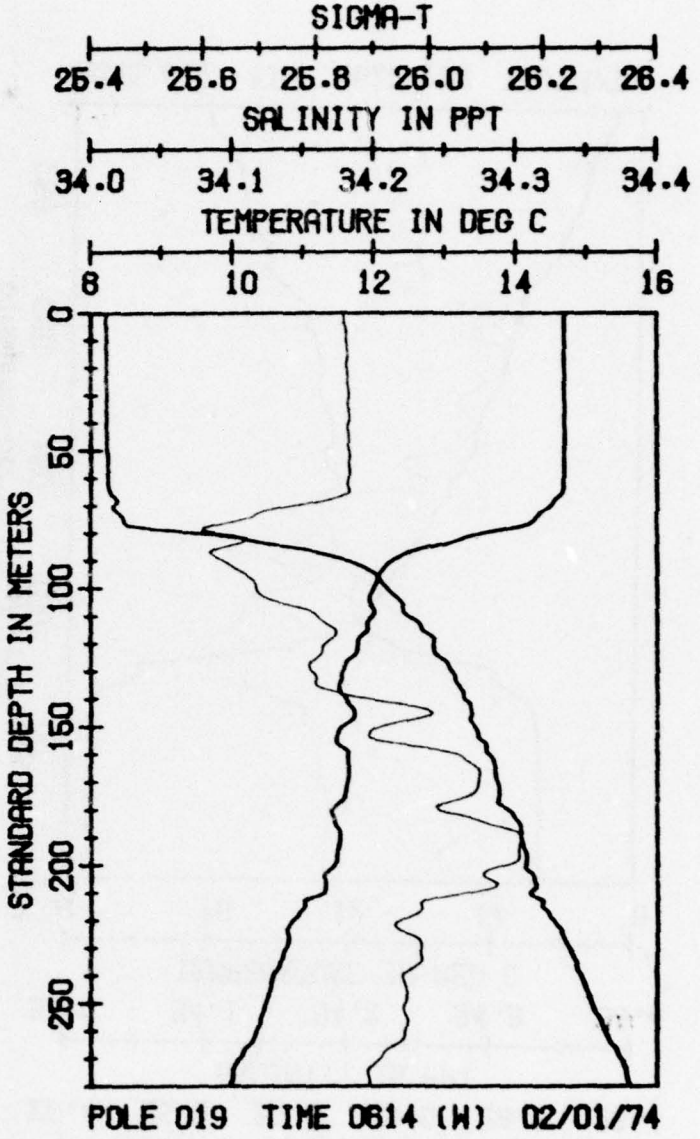
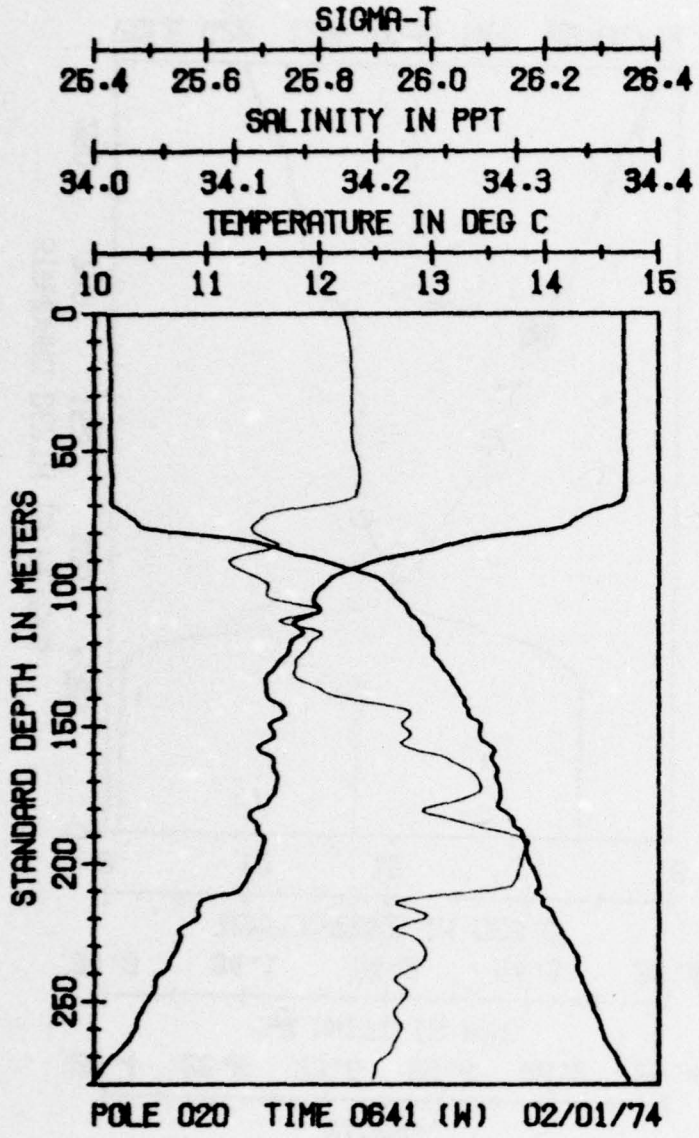
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 015 TIME 0402 (W) 02/01/74

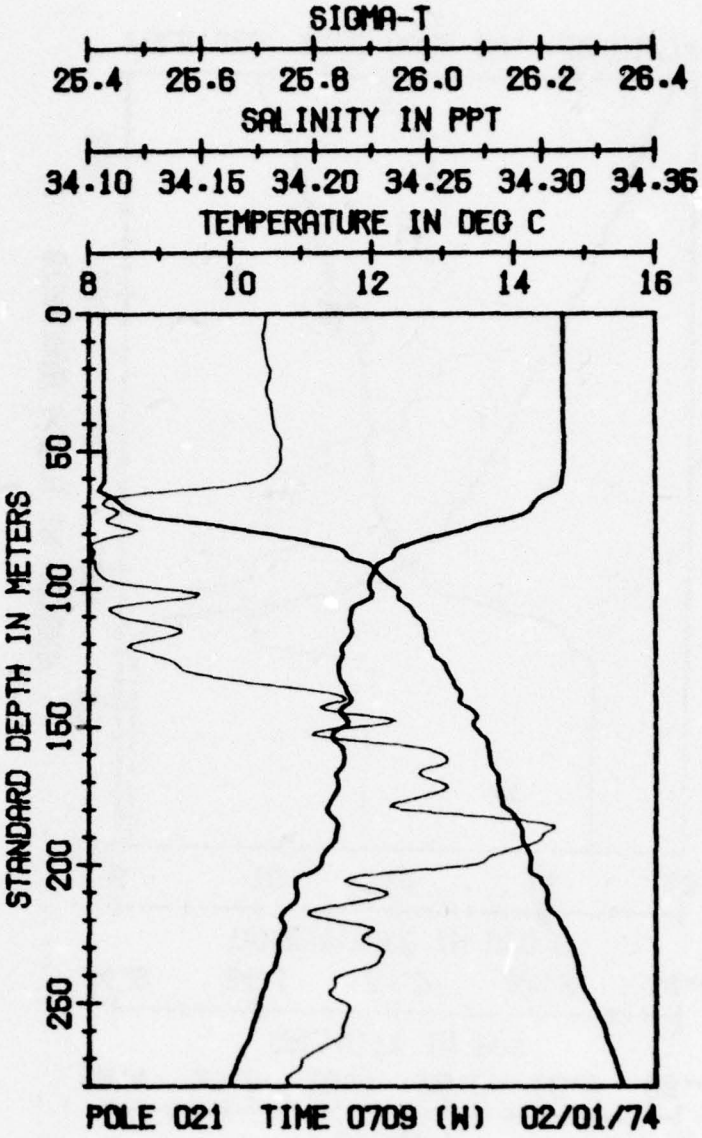

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 016 TIME 0433 (W) 02/01/74

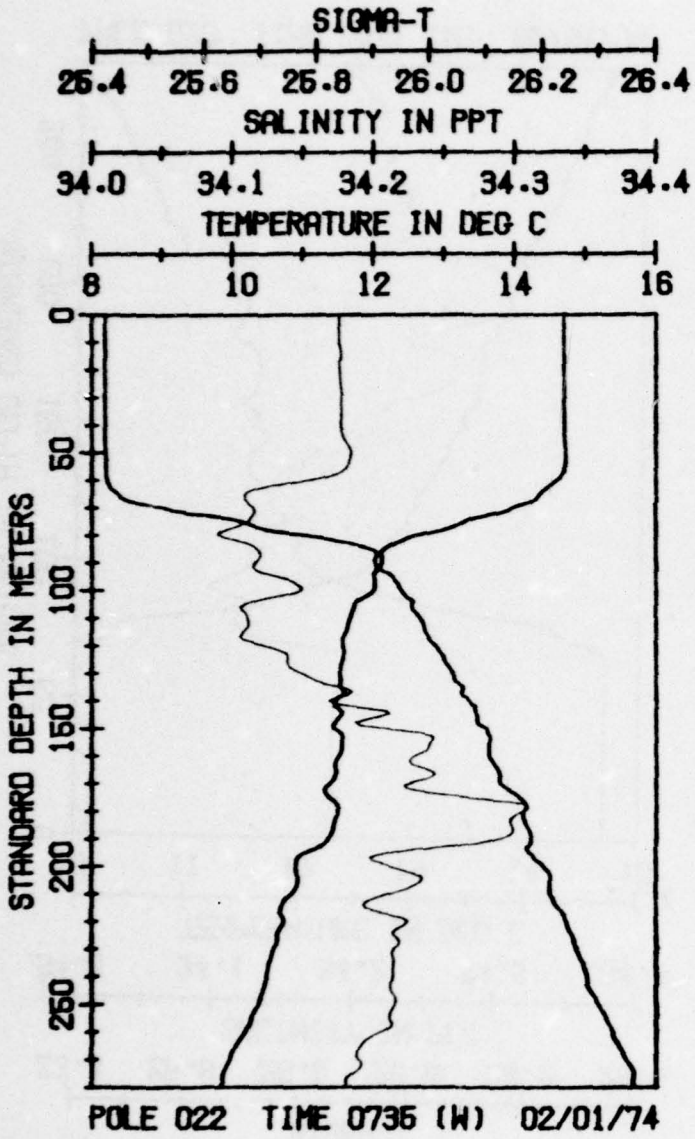

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 017 TIME 0512 (W) 02/01/74

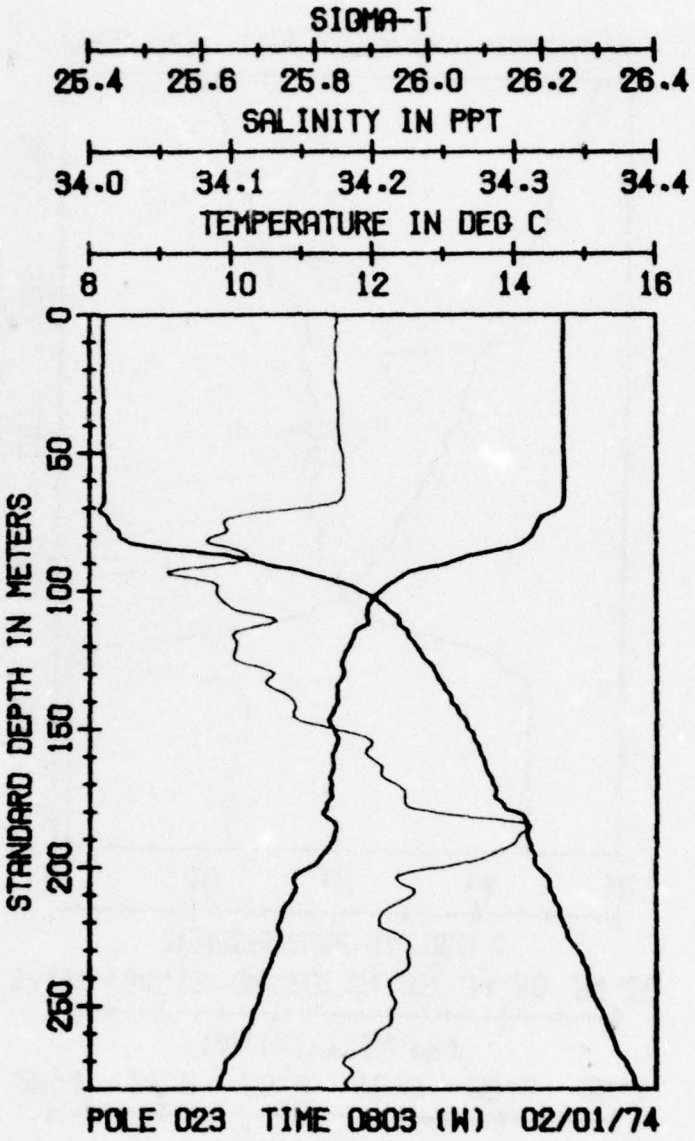

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.10 34.15 34.20 34.25 34.30 34.35
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 018 TIME 0546 (H) 02/01/74

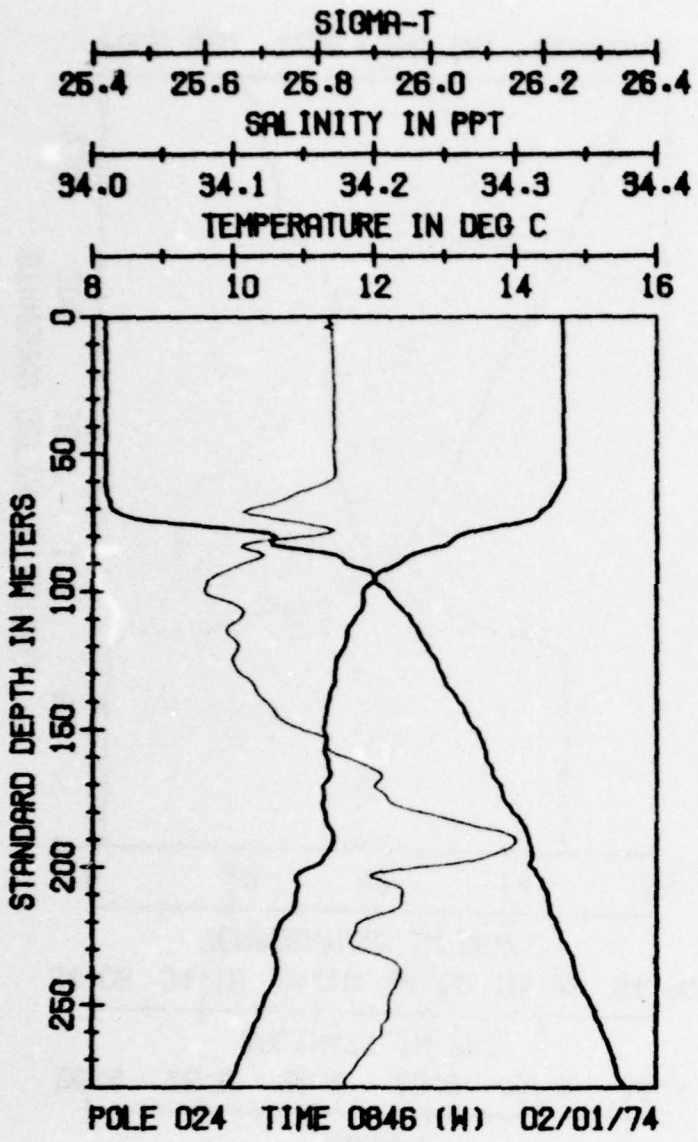

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 019 TIME 0614 (H) 02/01/74

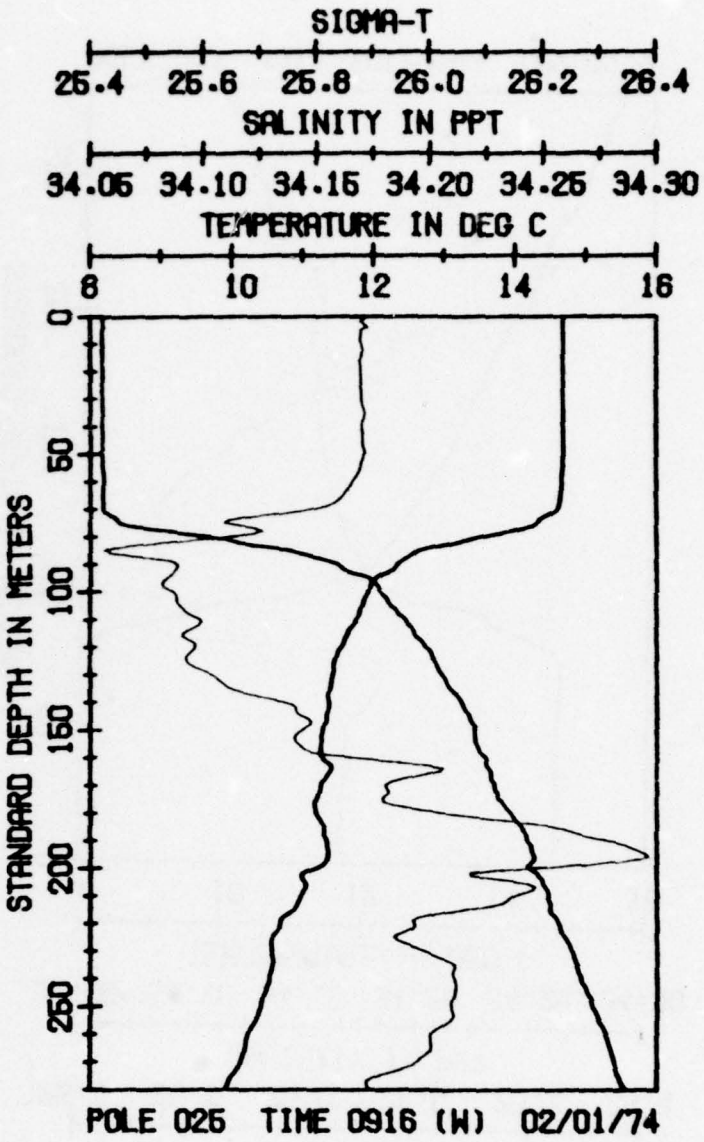

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 020 TIME 0641 (W) 02/01/74

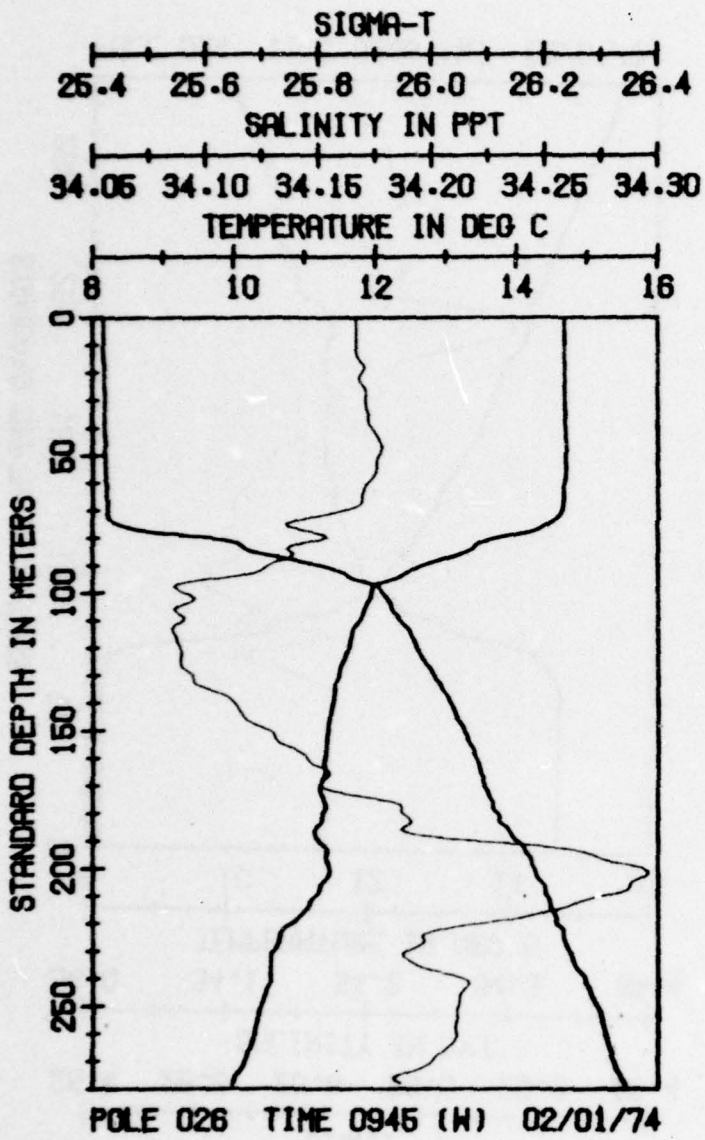

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.10 34.15 34.20 34.25 34.30 34.35
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 021 TIME 0709 (W) 02/01/74

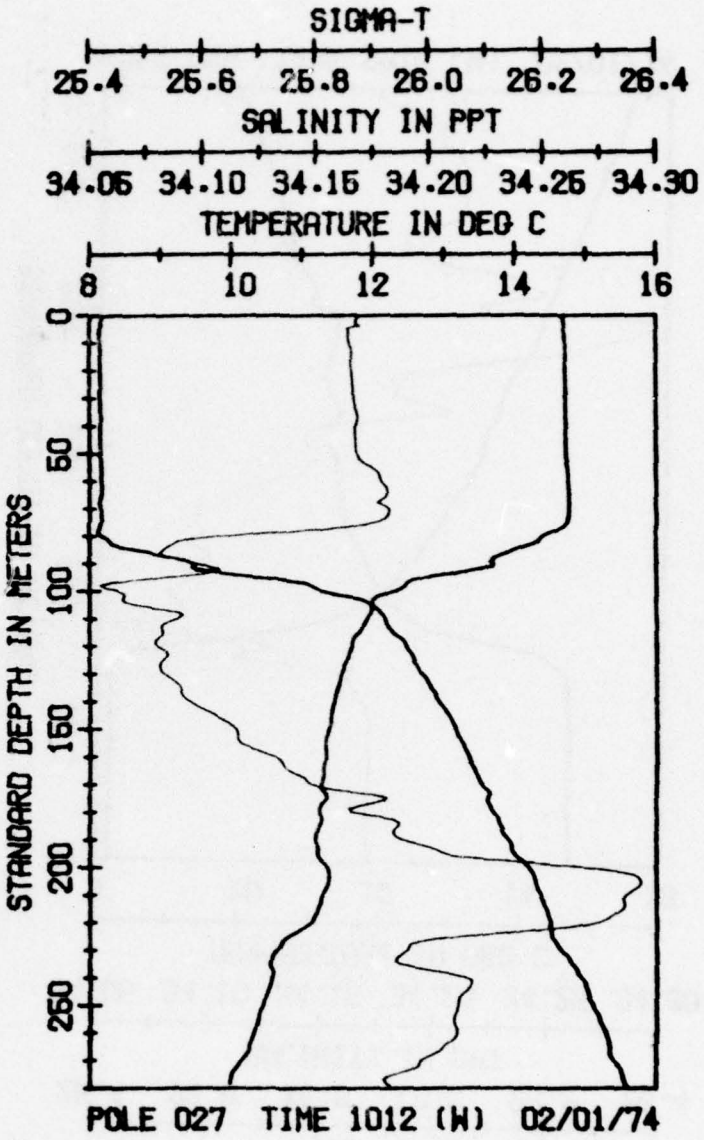

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 022 TIME 0735 (W) 02/01/74

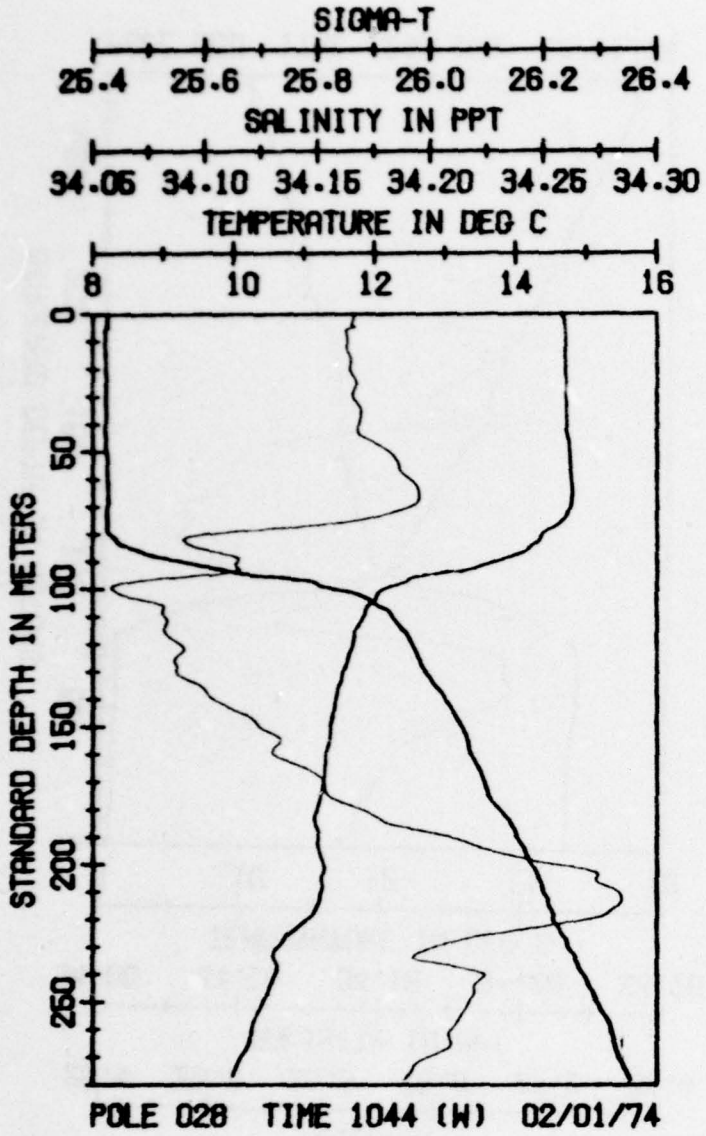

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 023 TIME 0803 (W) 02/01/74

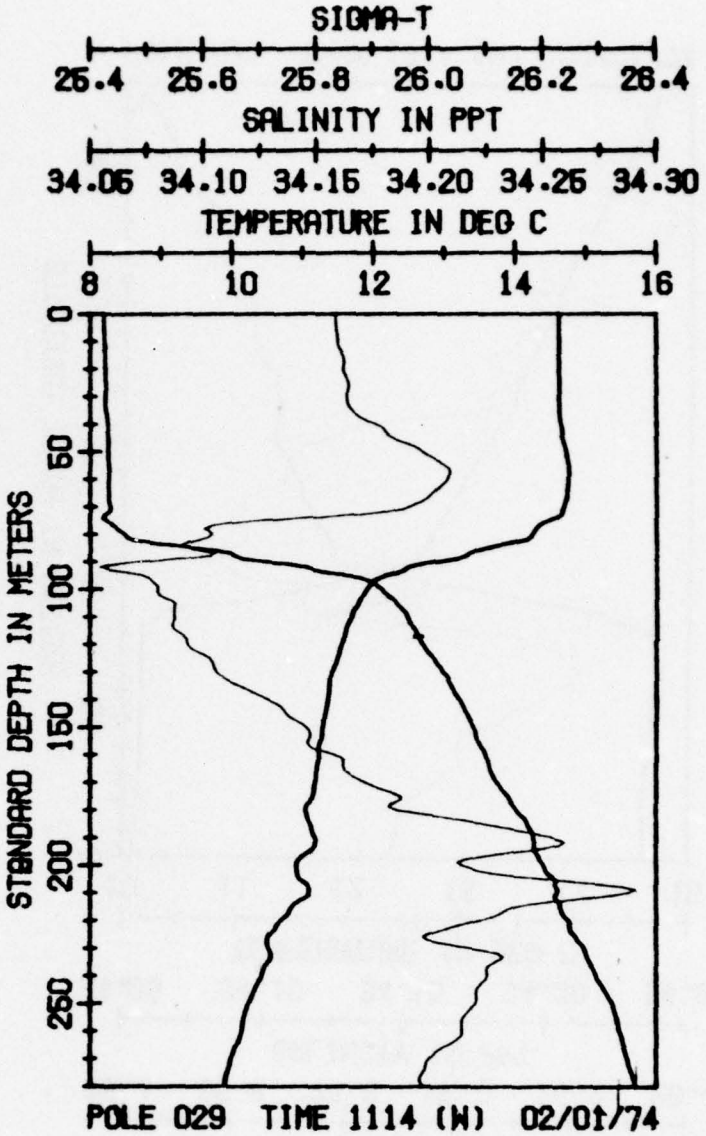

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 024 TIME 0846 (W) 02/01/74

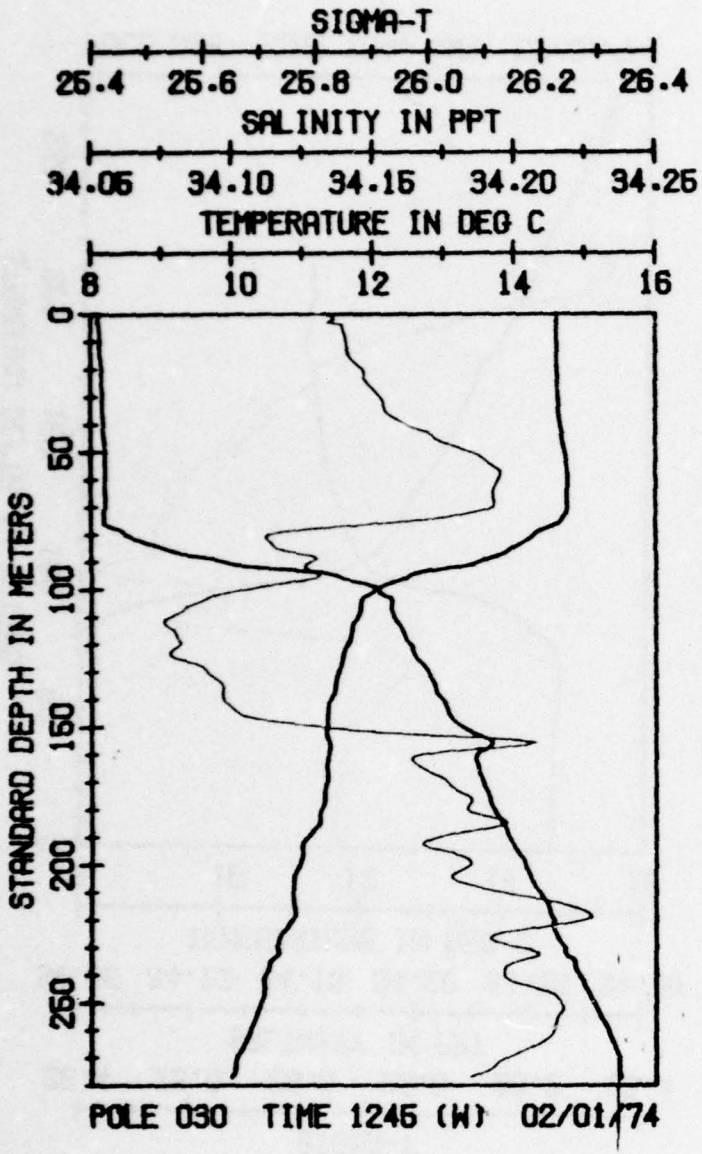

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 025 TIME 0916 (W) 02/01/74

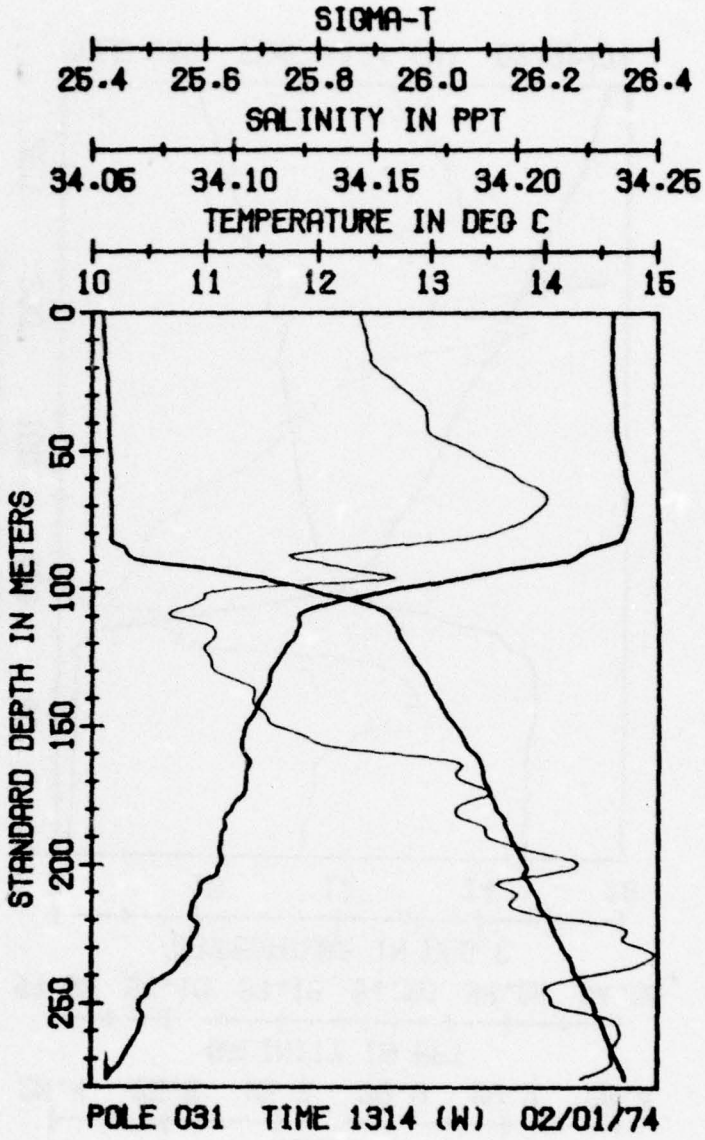

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 026 TIME 0945 (W) 02/01/74

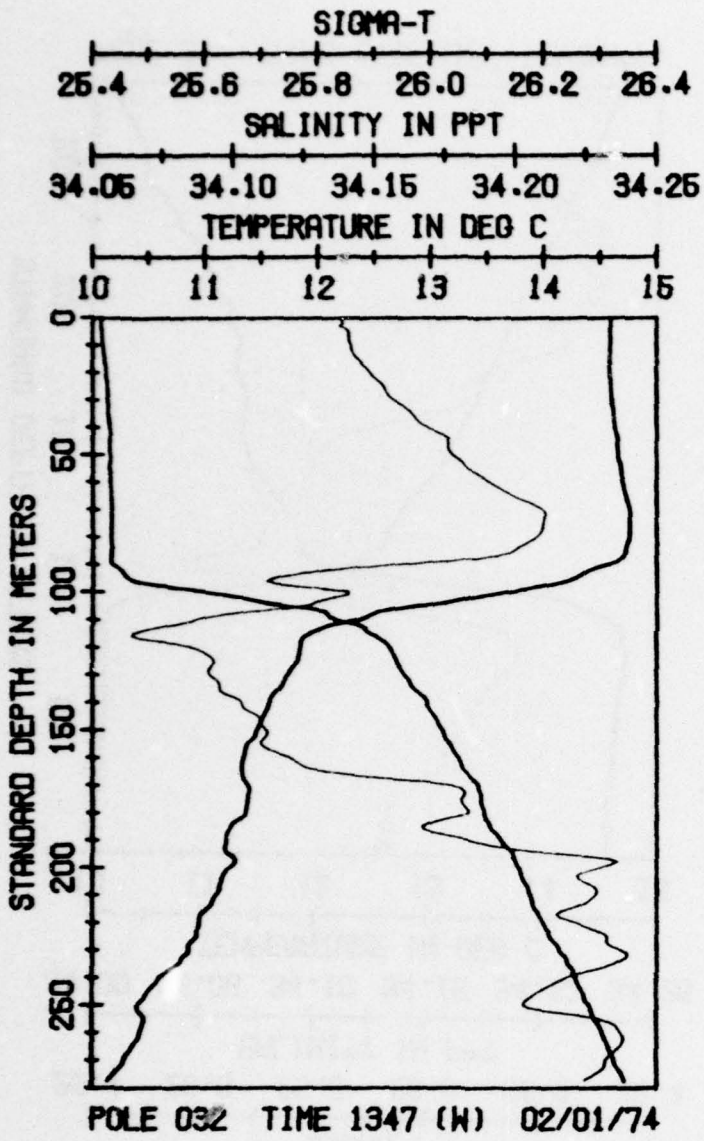

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 027 TIME 1012 (W) 02/01/74

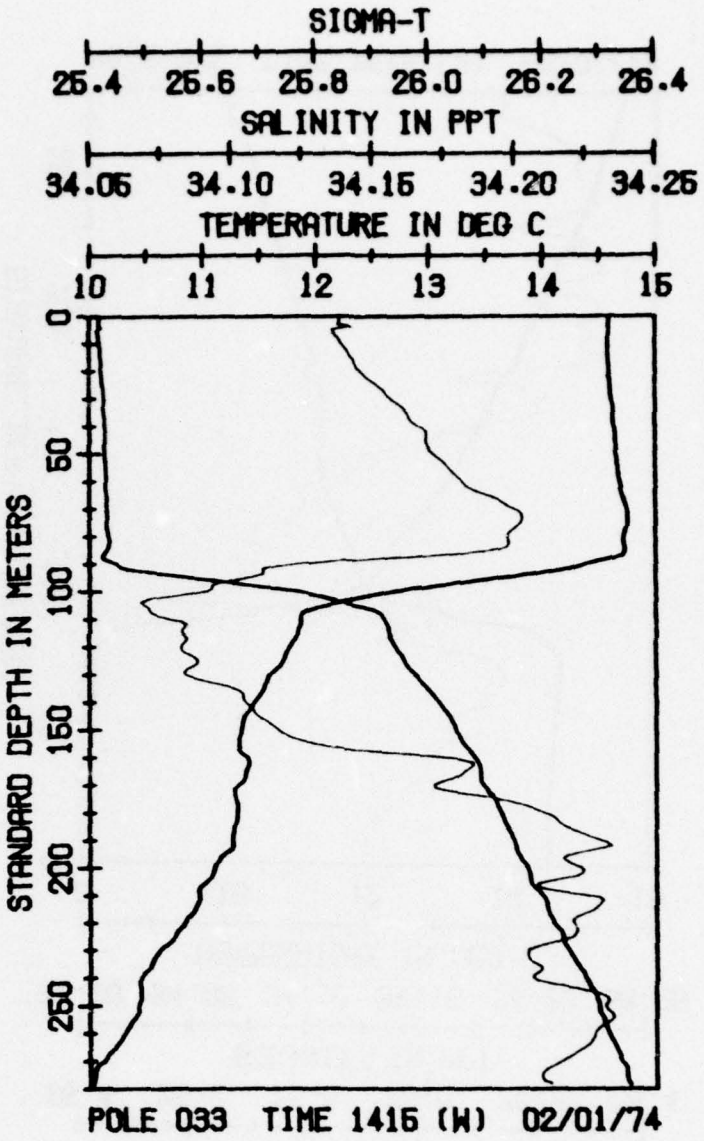

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 028 TIME 1044 (W) 02/01/74

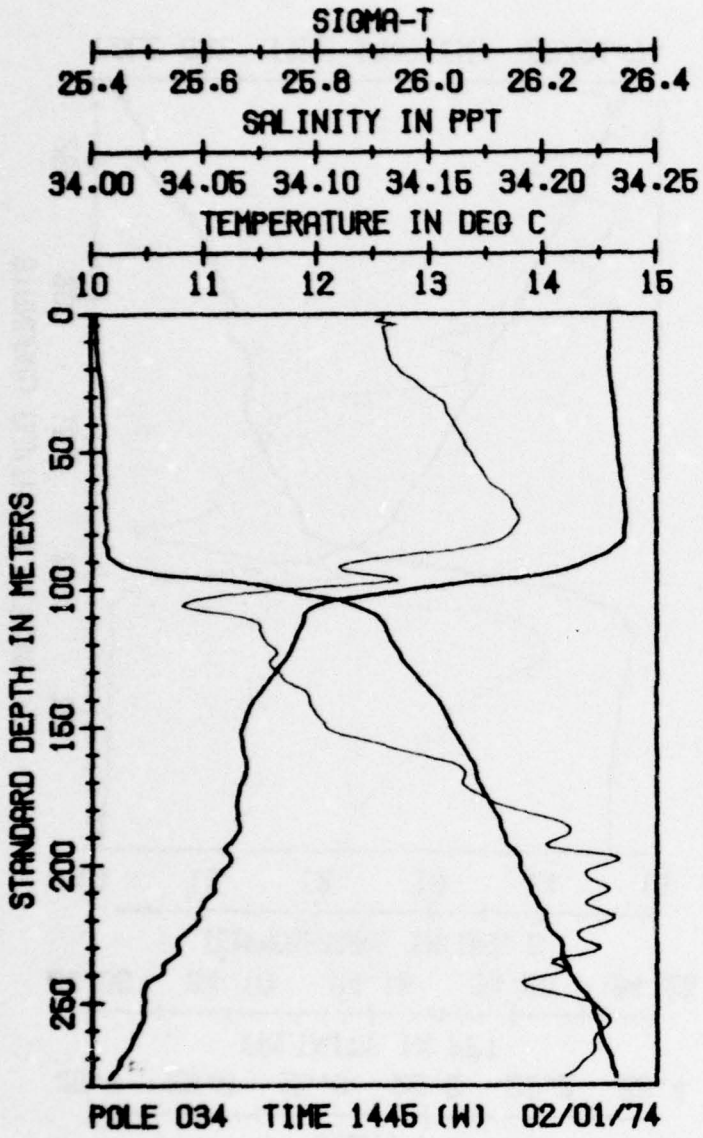

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 029 TIME 1114 (W) 02/01/74

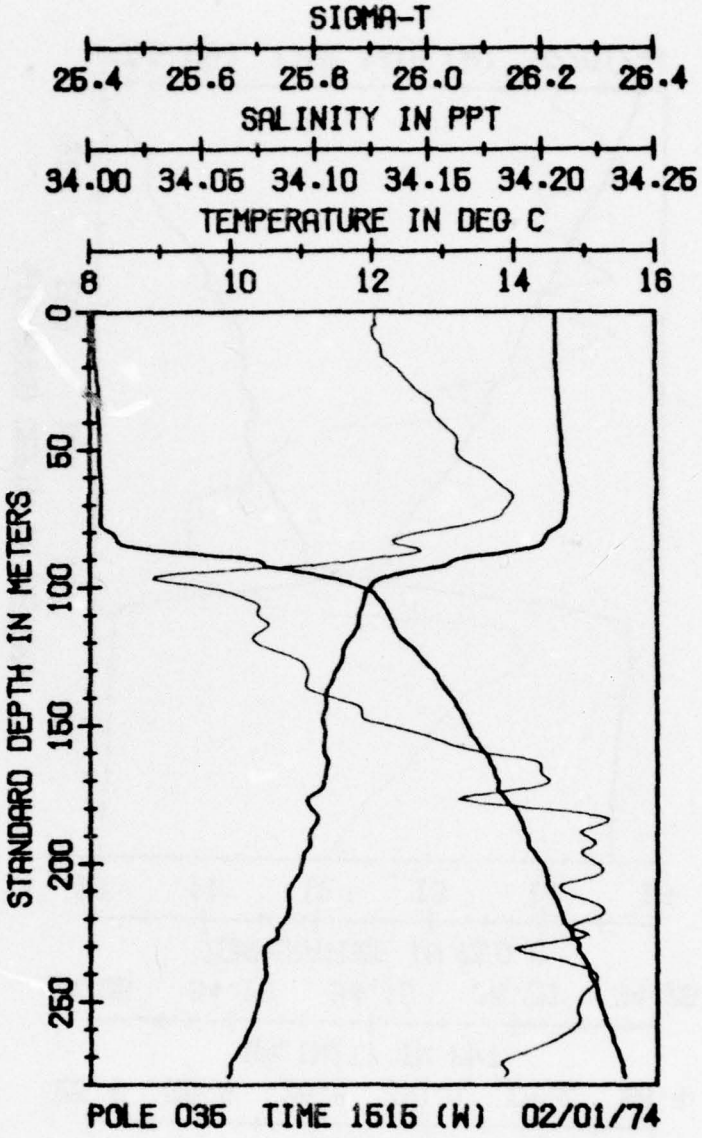

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 030 TIME 1245 (W) 02/01/74

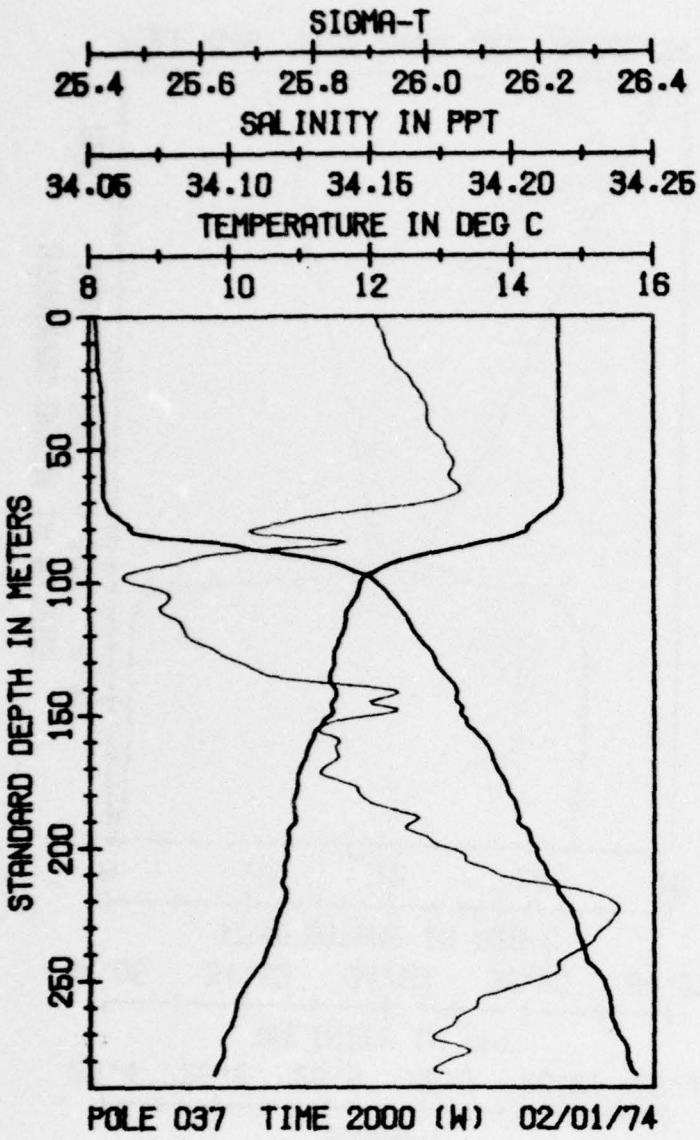

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 031 TIME 1314 (W) 02/01/74

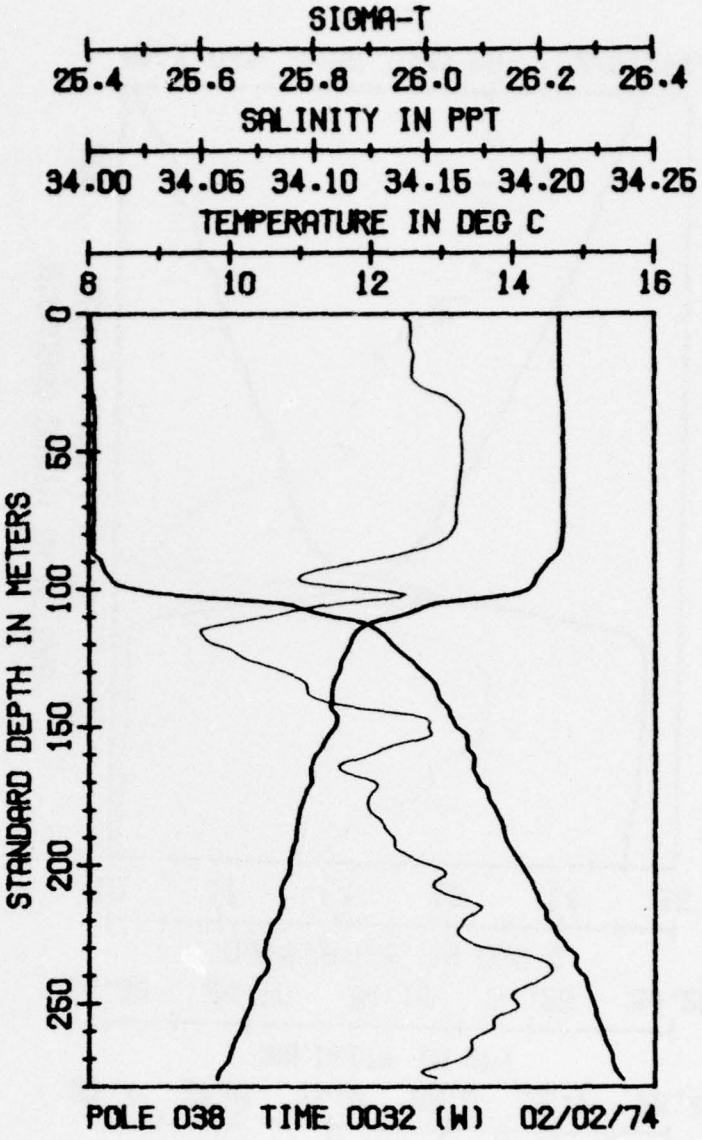

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 032 TIME 1347 (W) 02/01/74

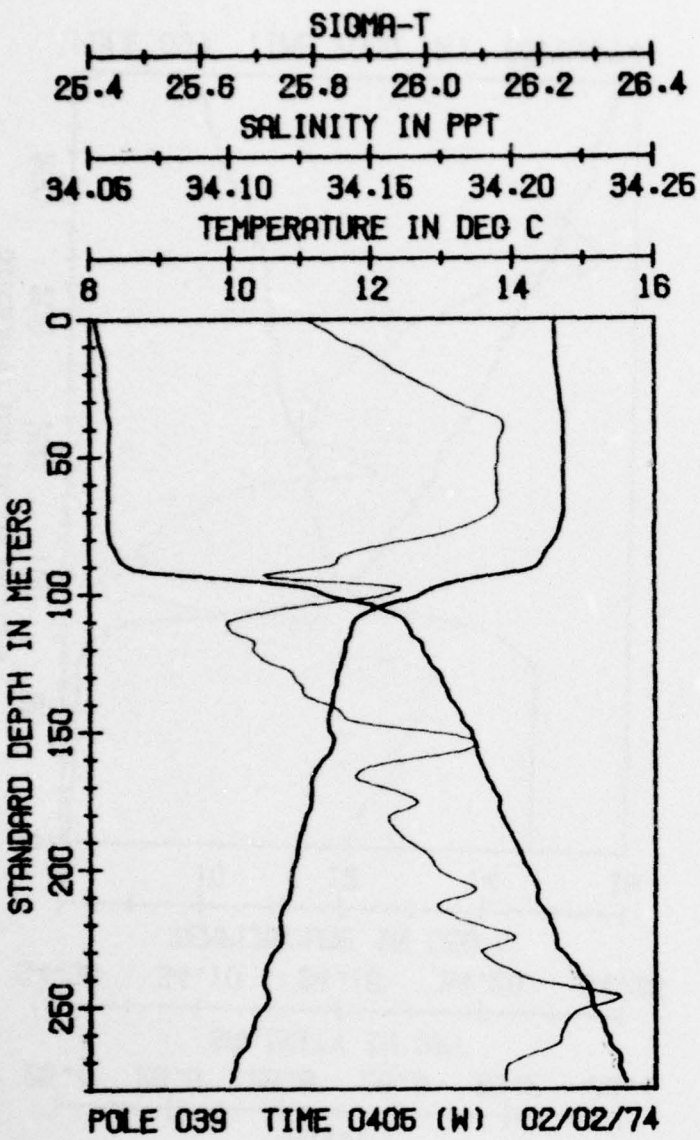

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 033 TIME 1416 (W) 02/01/74

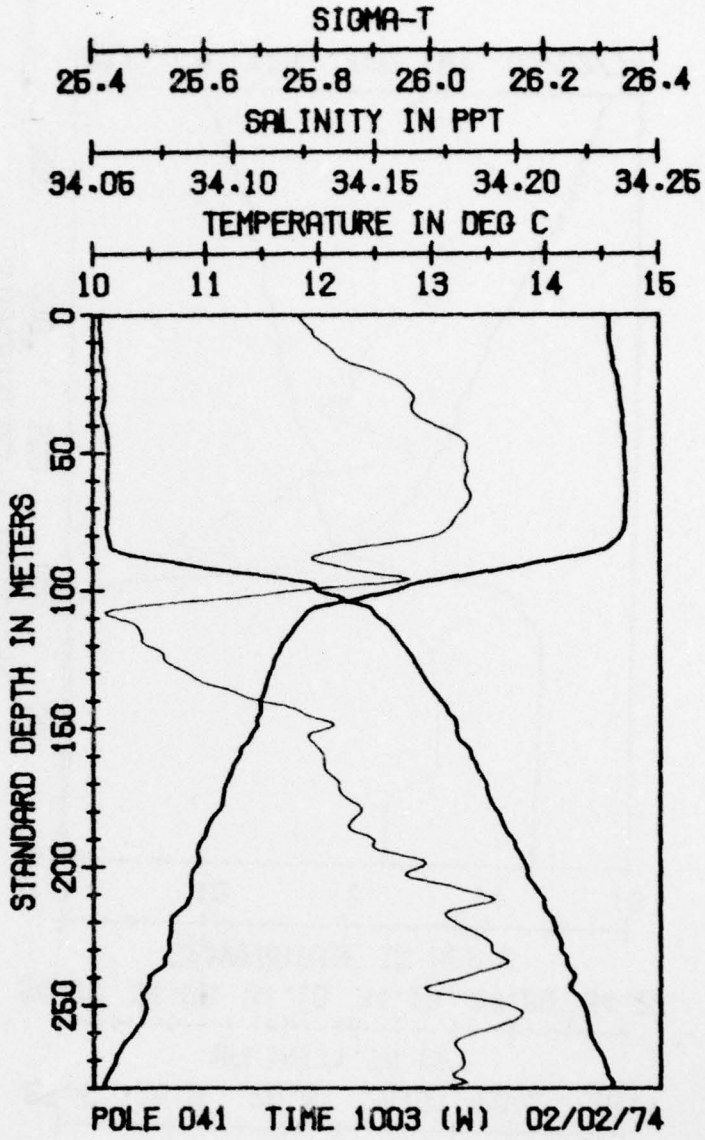

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.00 34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 034 TIME 1445 (W) 02/01/74

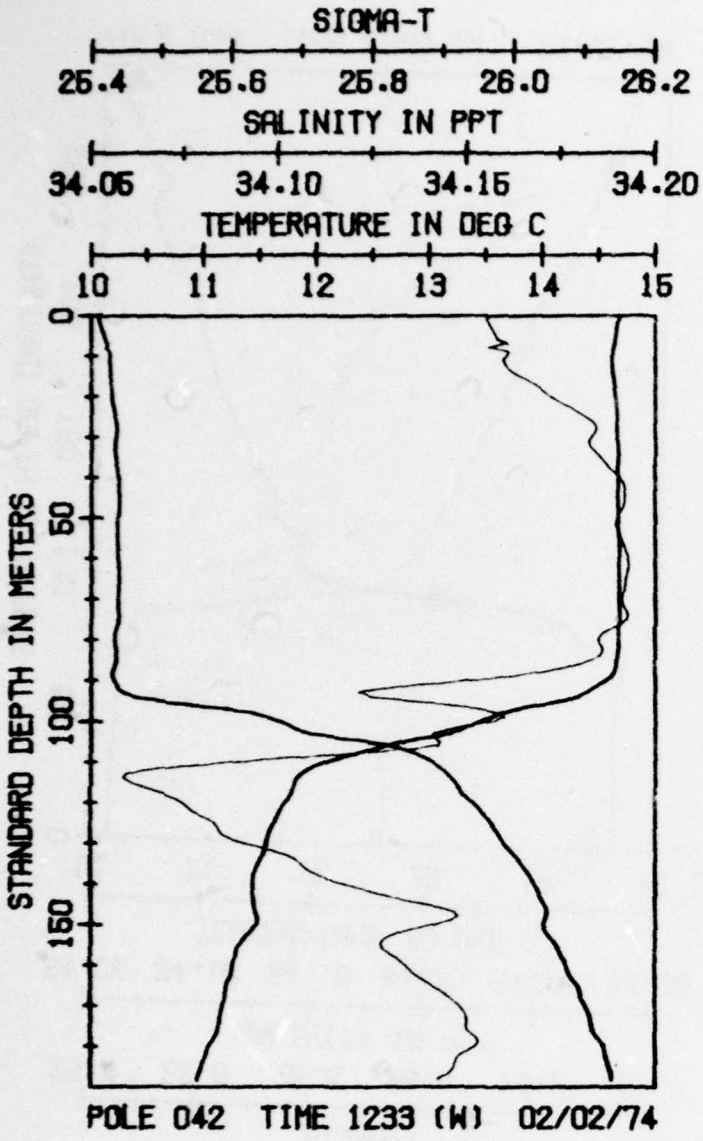

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.00 34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 035 TIME 1515 (W) 02/01/74

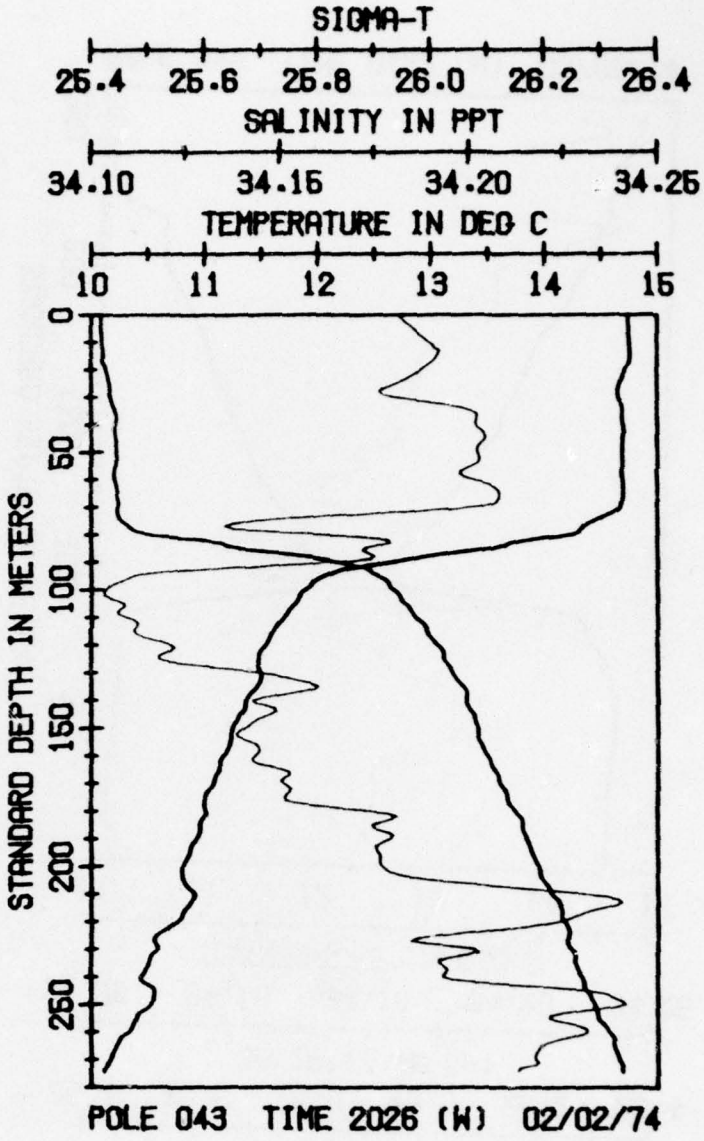

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 037 TIME 2000 (W) 02/01/74

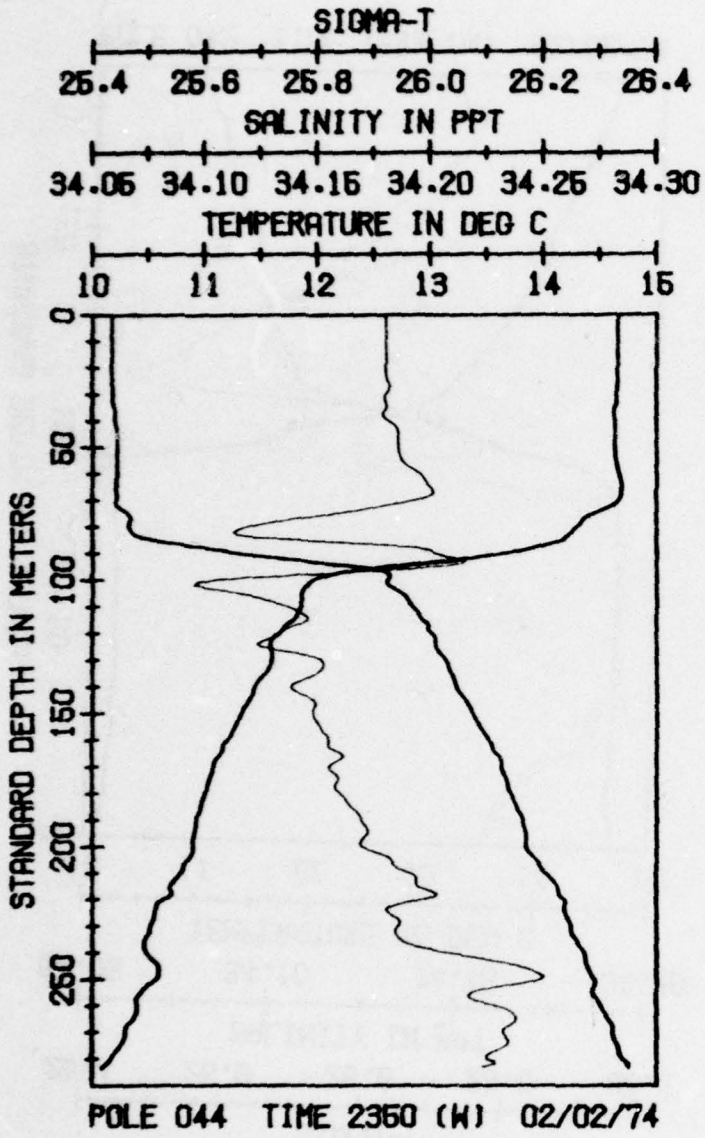

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.00 34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 038 TIME 0032 (W) 02/02/74

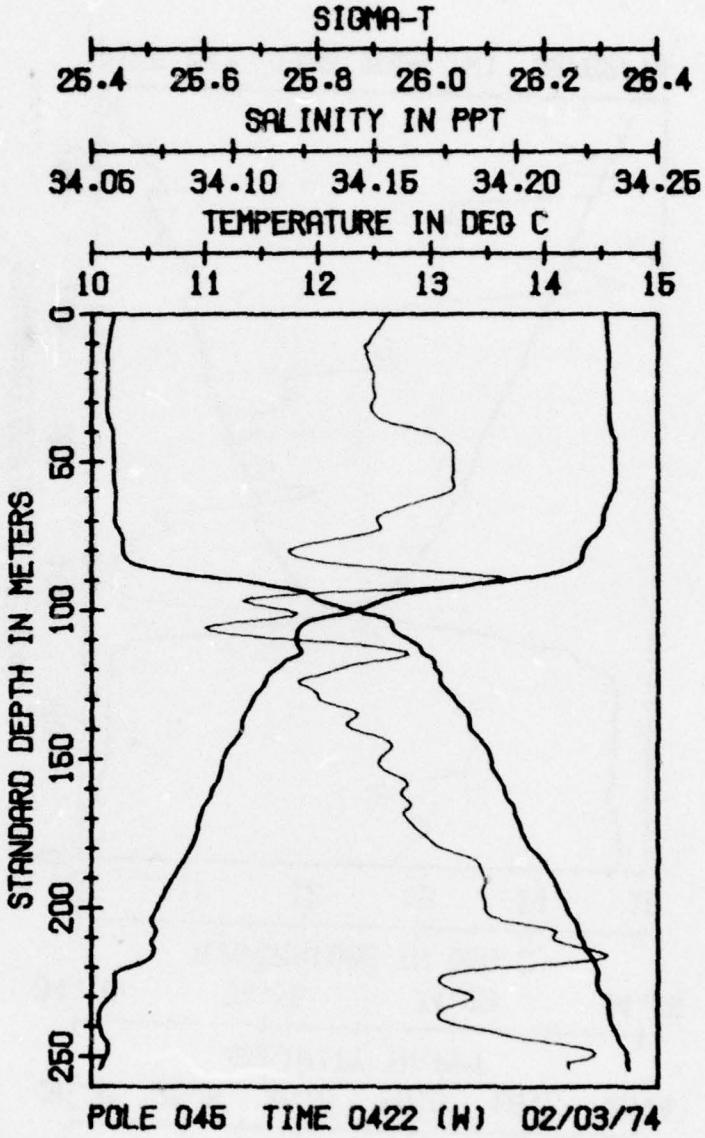

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 039 TIME 0405 (W) 02/02/74

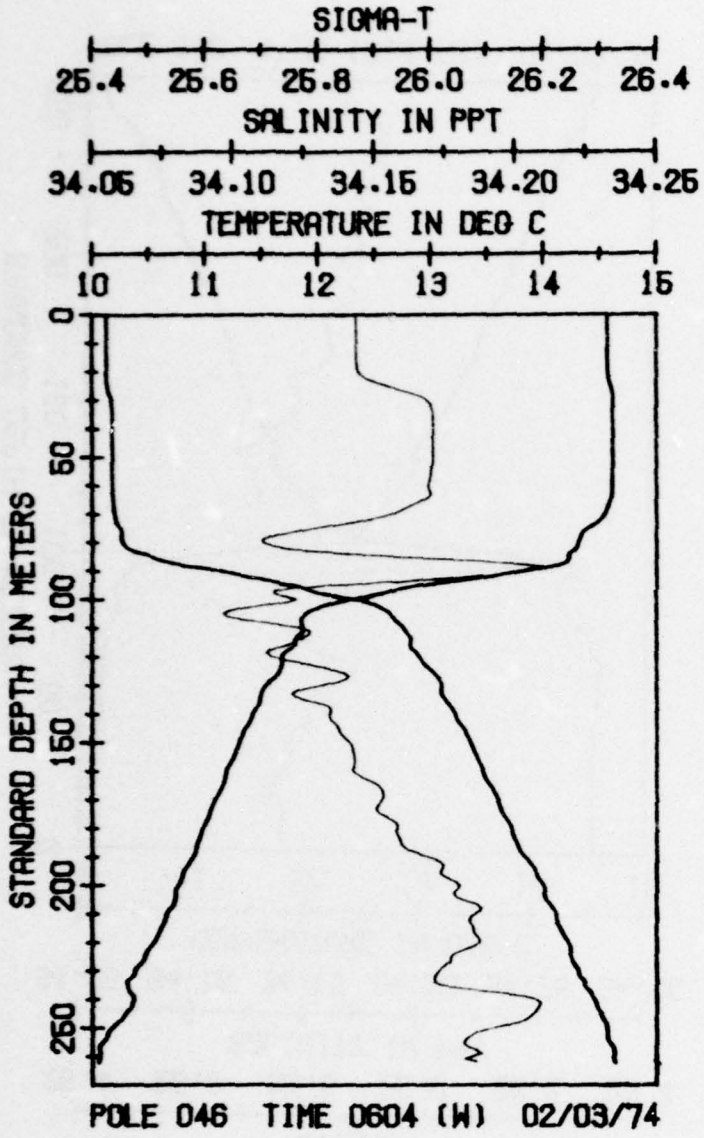

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 041 TIME 1003 (W) 02/02/74

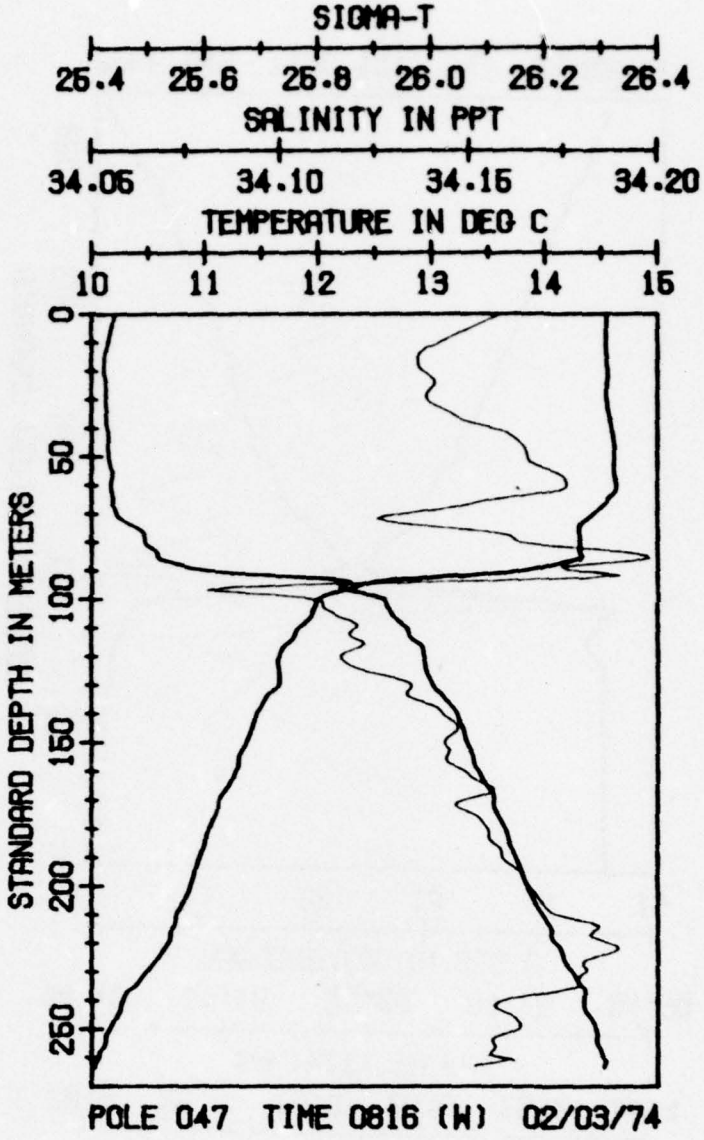

SIGMA-T
25.4 25.6 25.8 26.0 26.2
SALINITY IN PPT
34.05 34.10 34.15 34.20
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150
POLE 042 TIME 1233 (W) 02/02/74

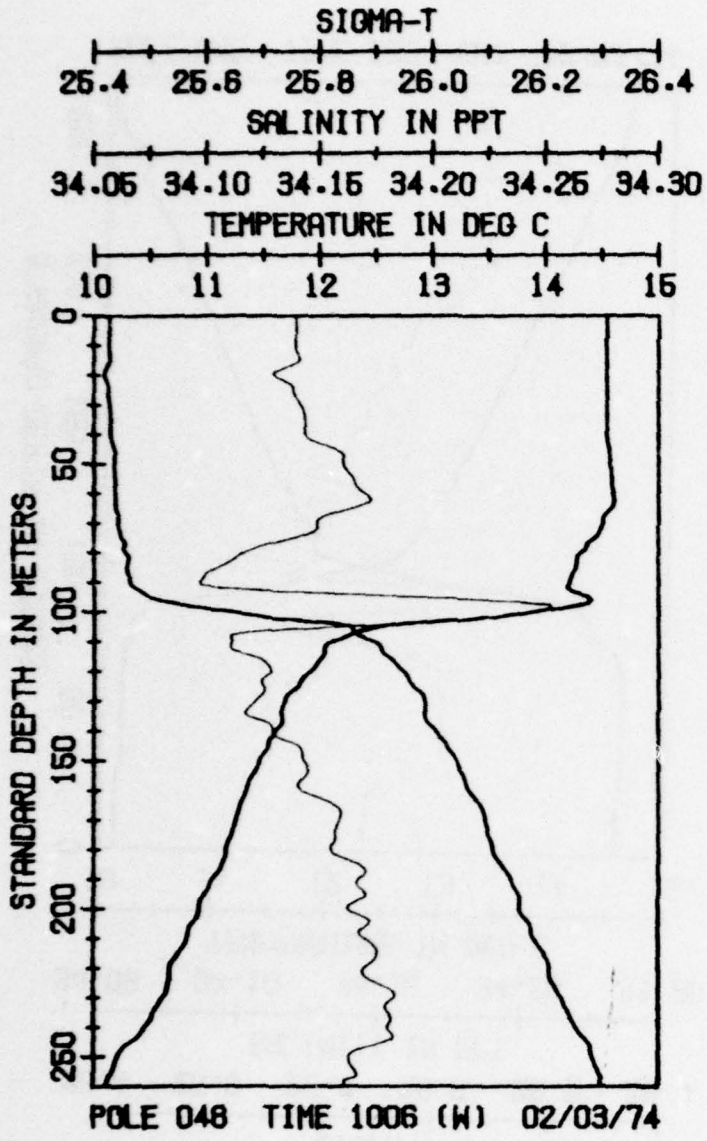

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 043 TIME 2026 (W) 02/02/74

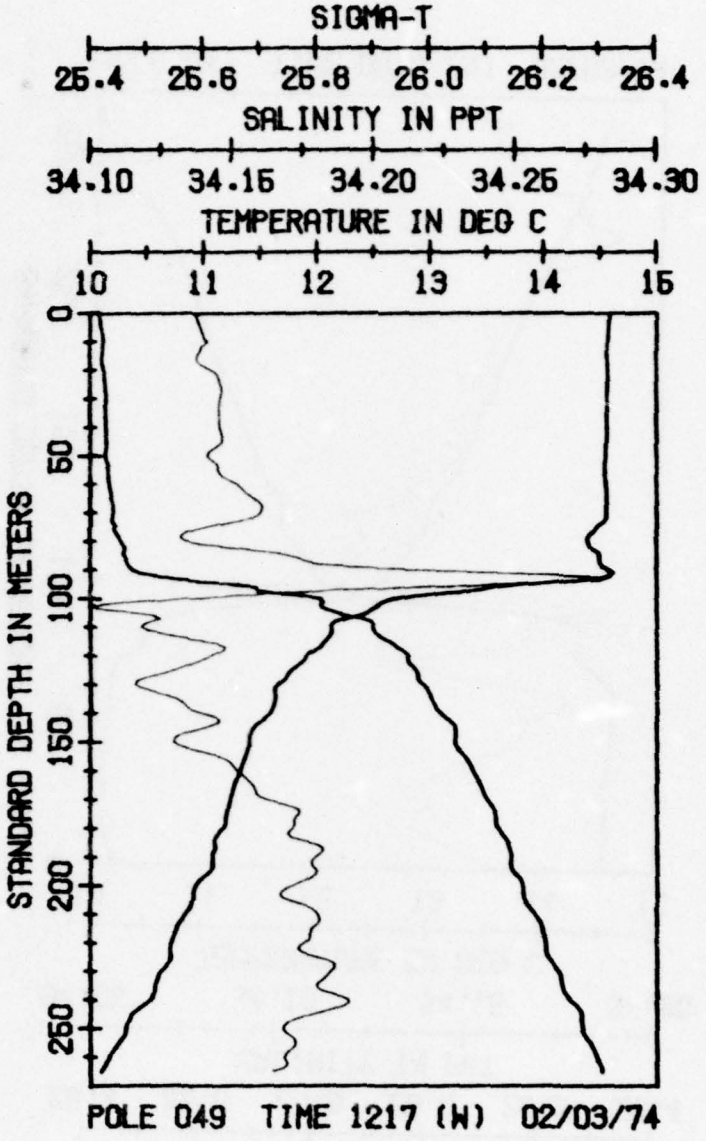

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 044 TIME 2350 (W) 02/02/74

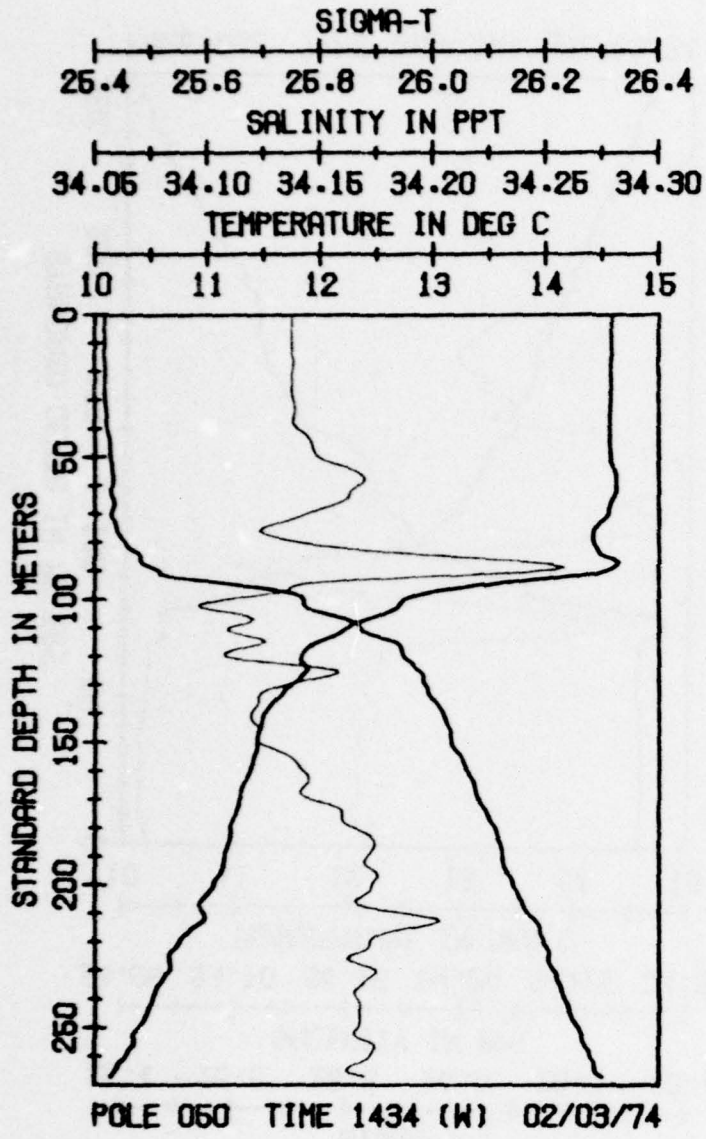

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 045 TIME 0422 (W) 02/03/74

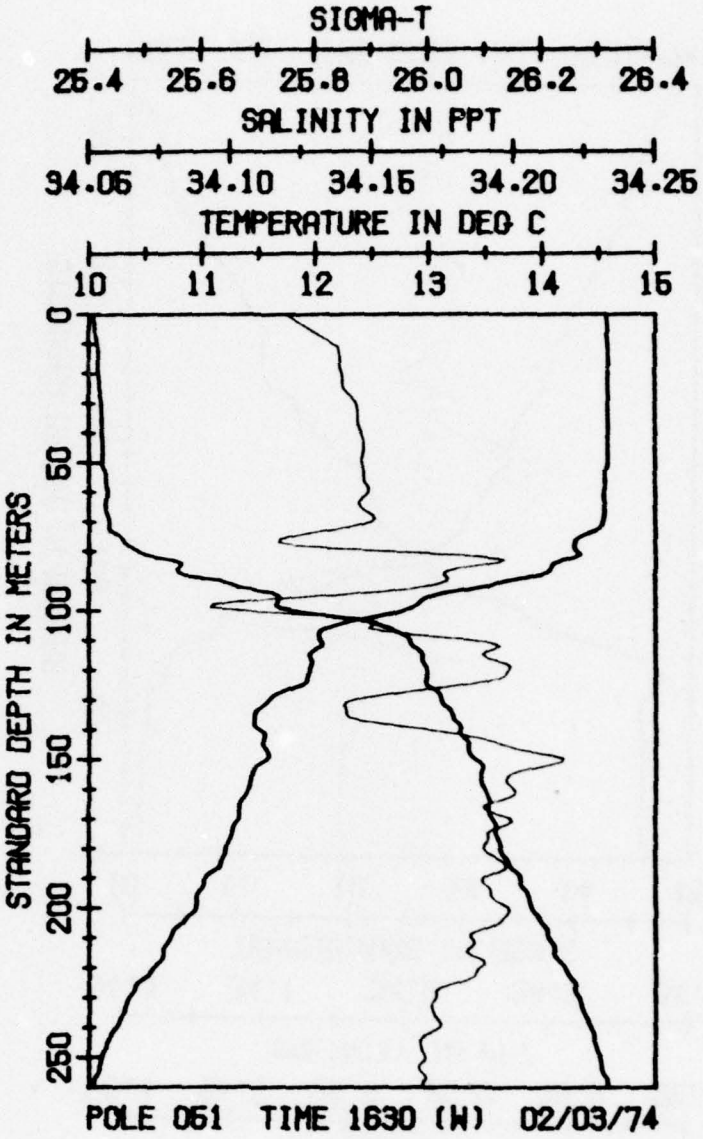

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 046 TIME 0604 (W) 02/03/74

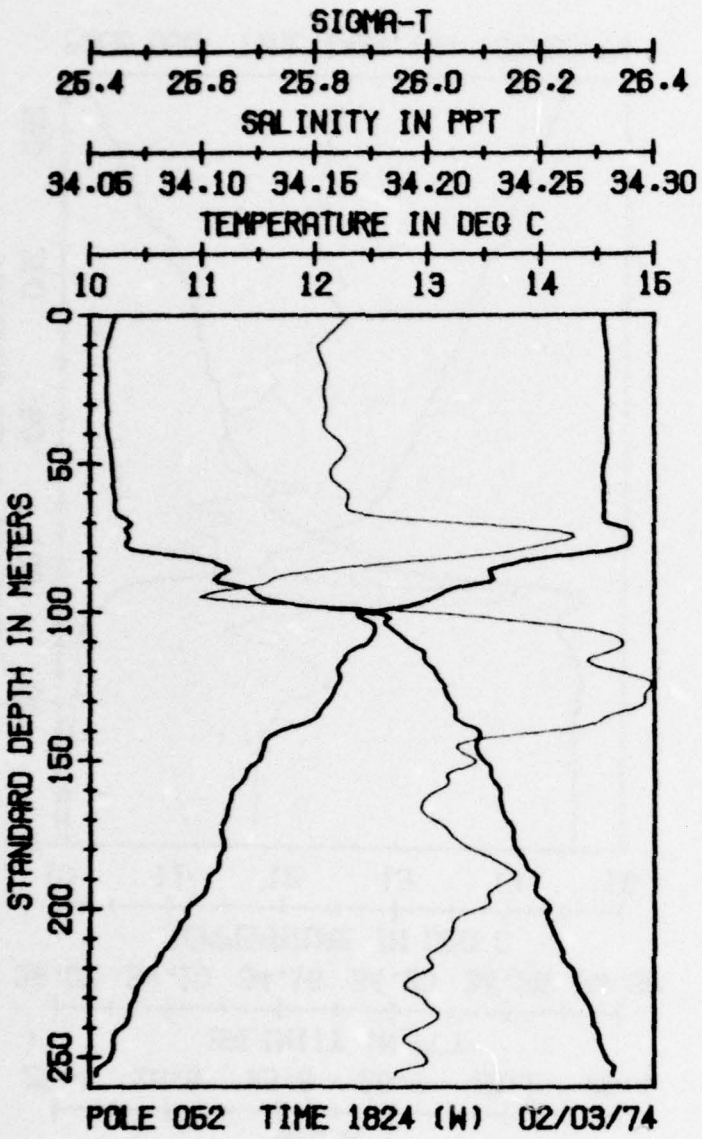

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 047 TIME 0816 (W) 02/03/74

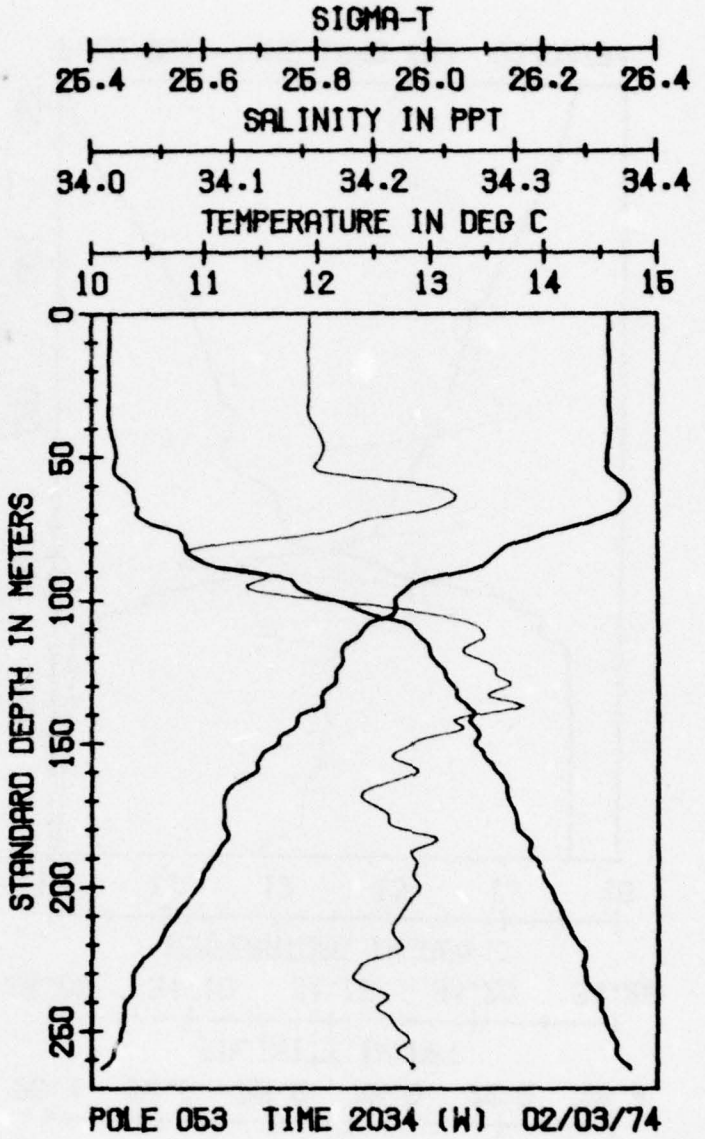

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 048 TIME 1006 (W) 02/03/74

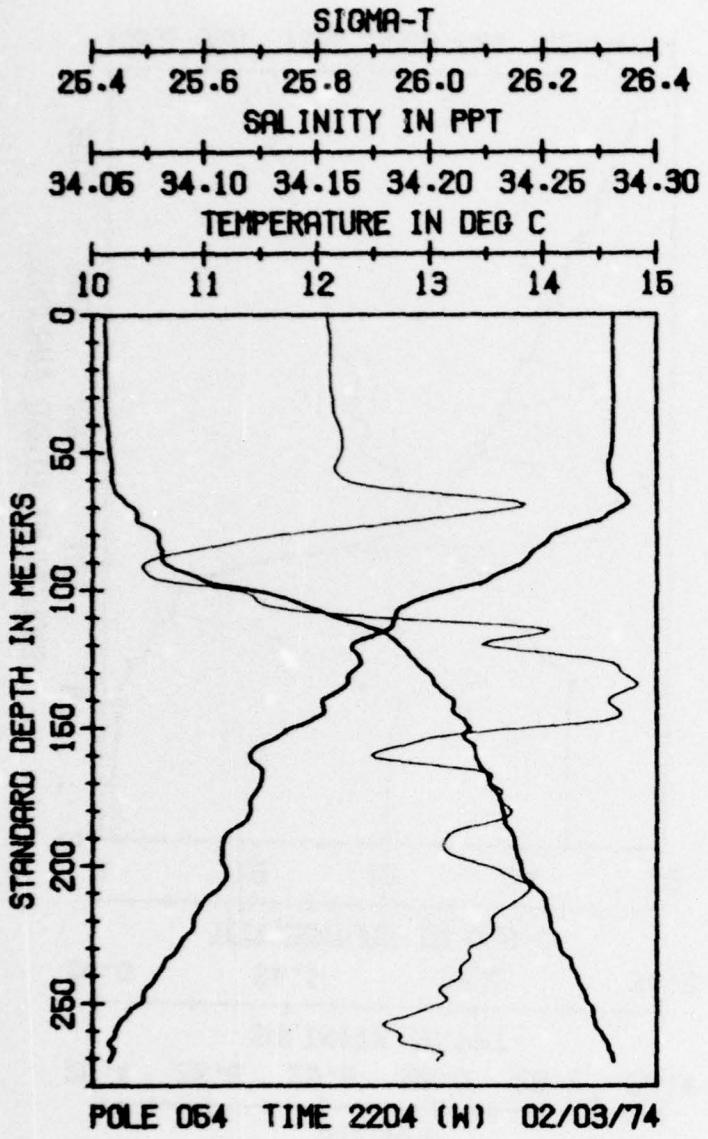

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 049 TIME 1217 (W) 02/03/74

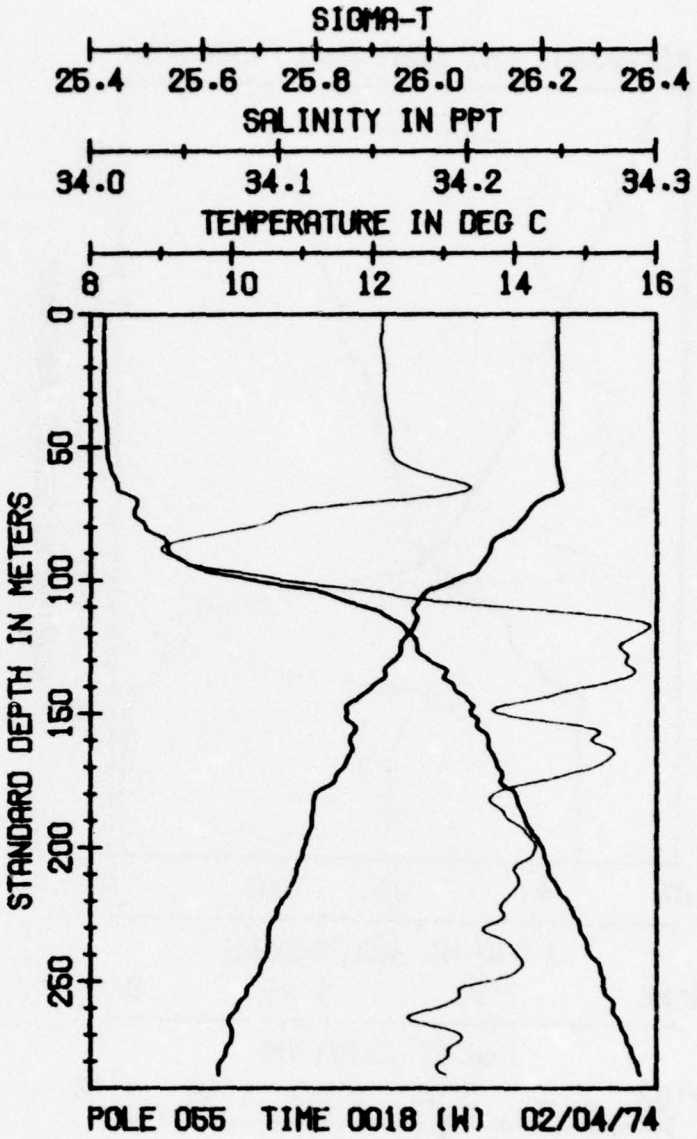

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 060 TIME 1434 (W) 02/03/74

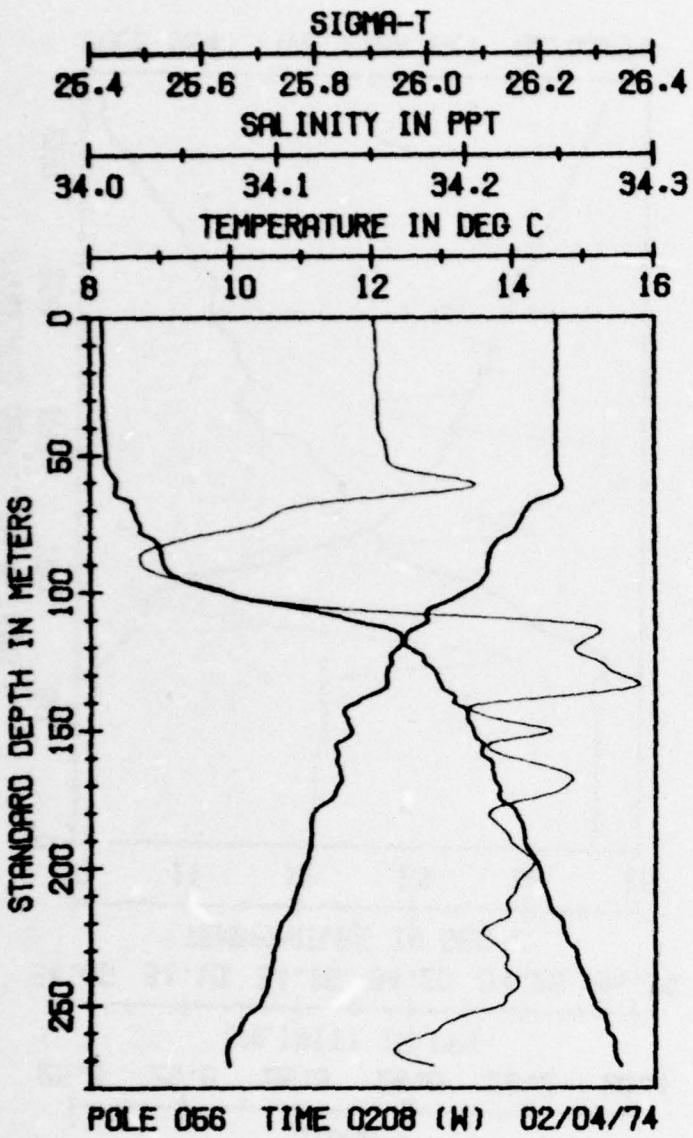

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 061 TIME 1630 (W) 02/03/74

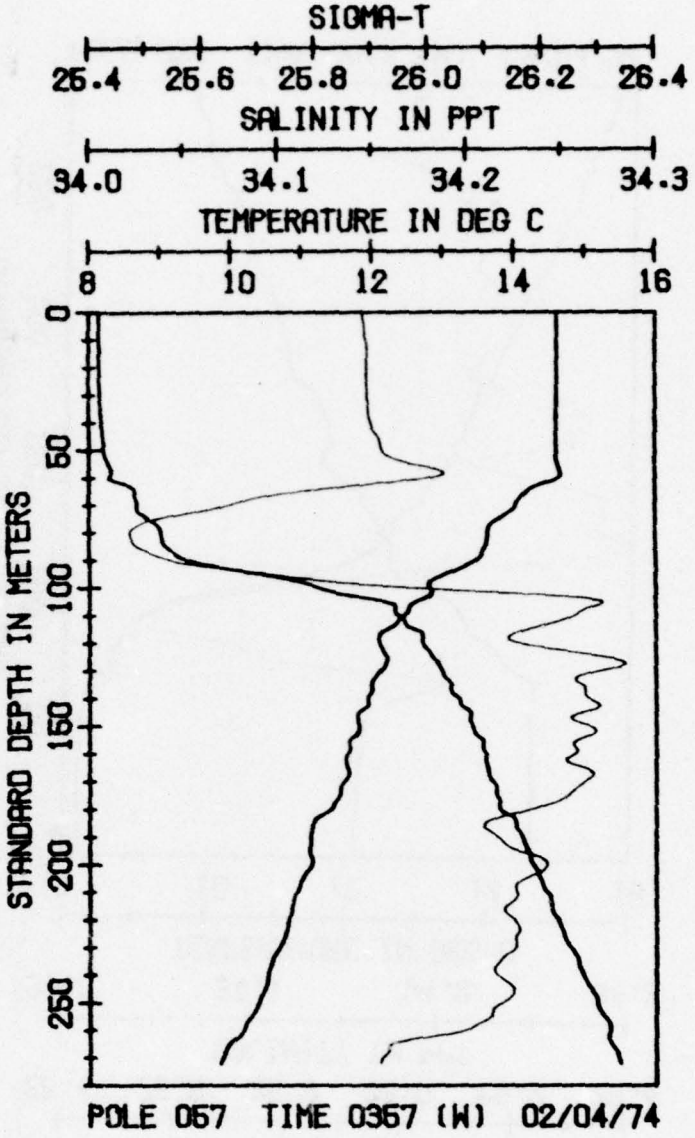

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 052 TIME 1824 (W) 02/03/74

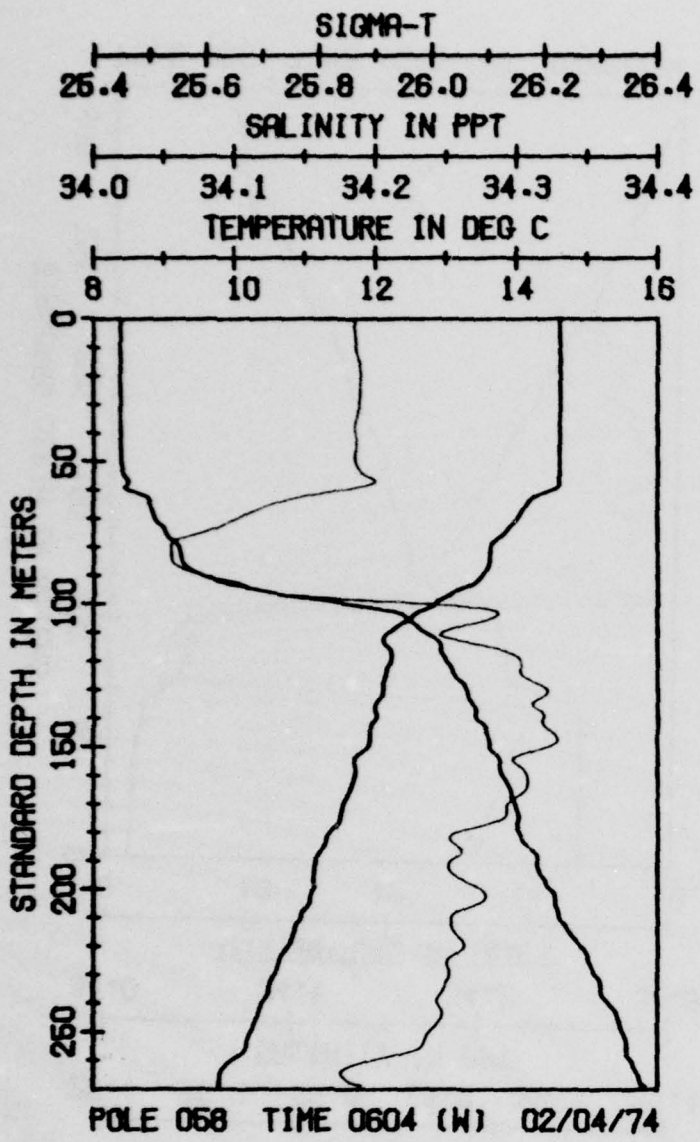

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 053 TIME 2034 (W) 02/03/74

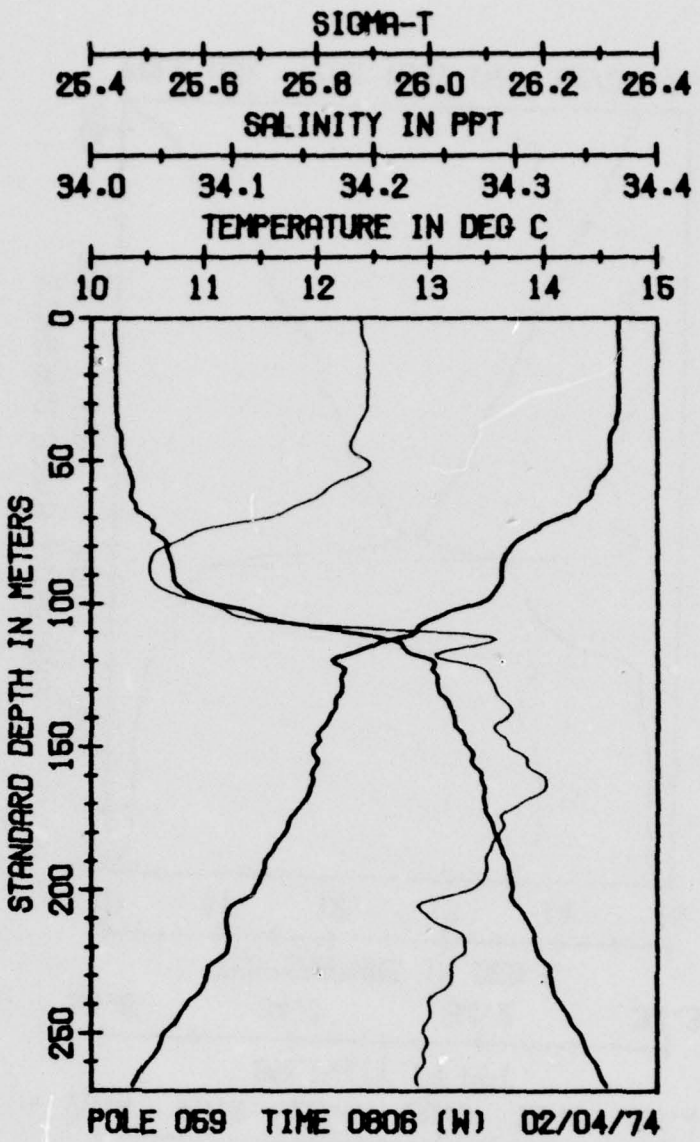

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 064 TIME 2204 (W) 02/03/74

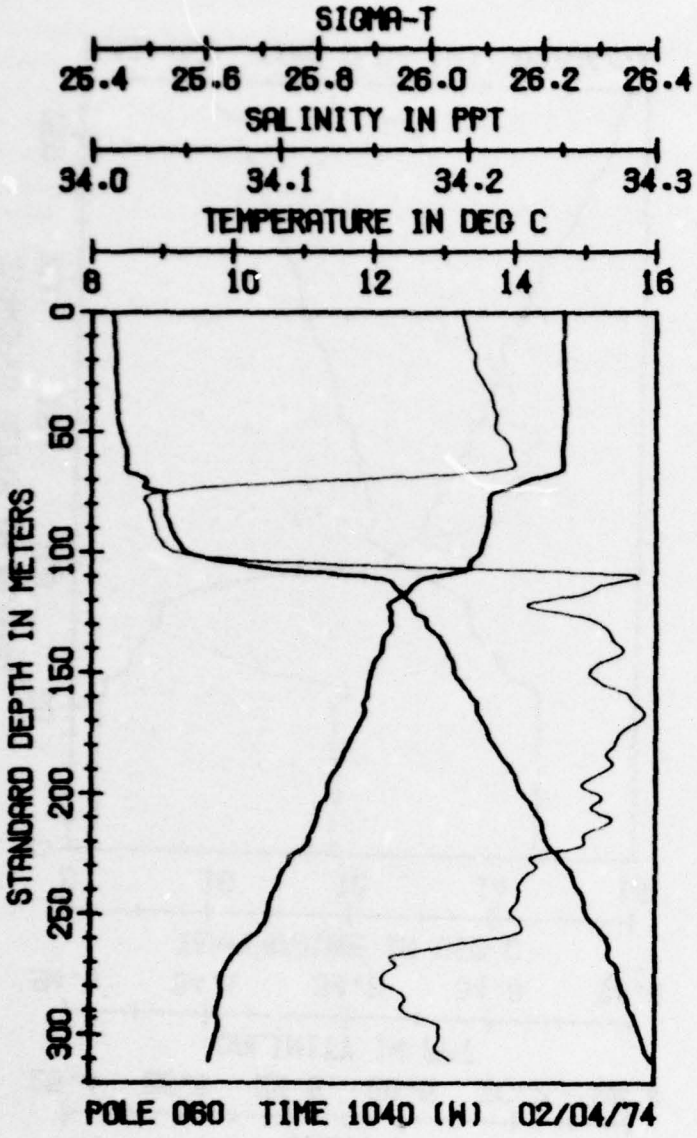

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 065 TIME 0018 (W) 02/04/74

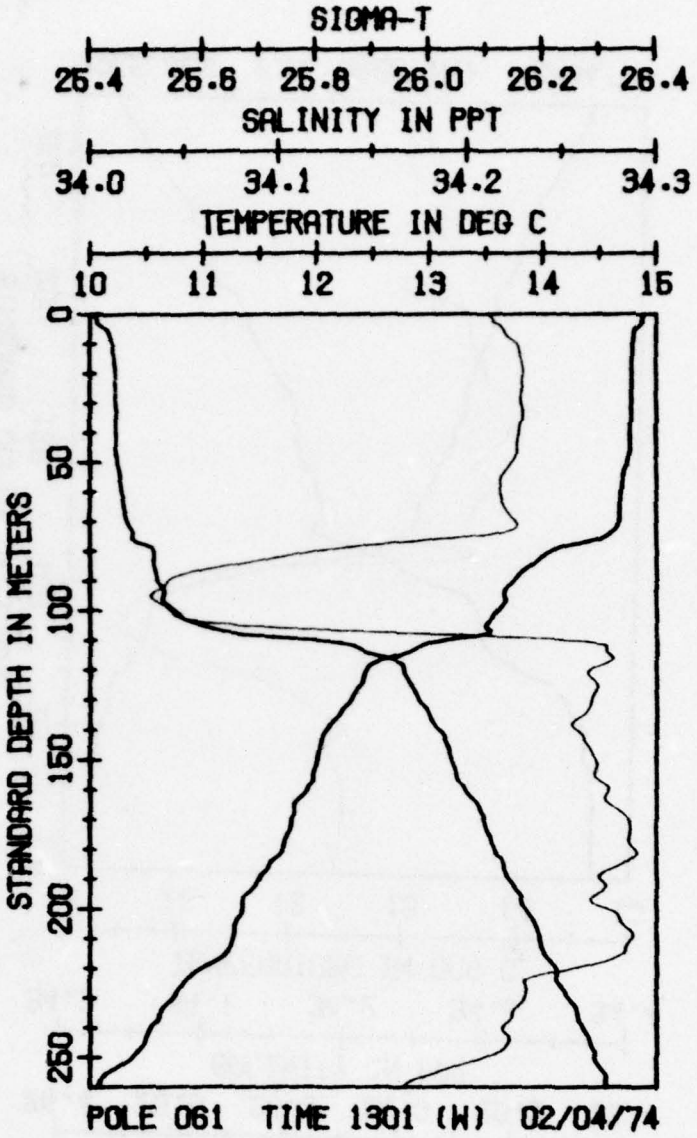

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 056 TIME 0208 (W) 02/04/74

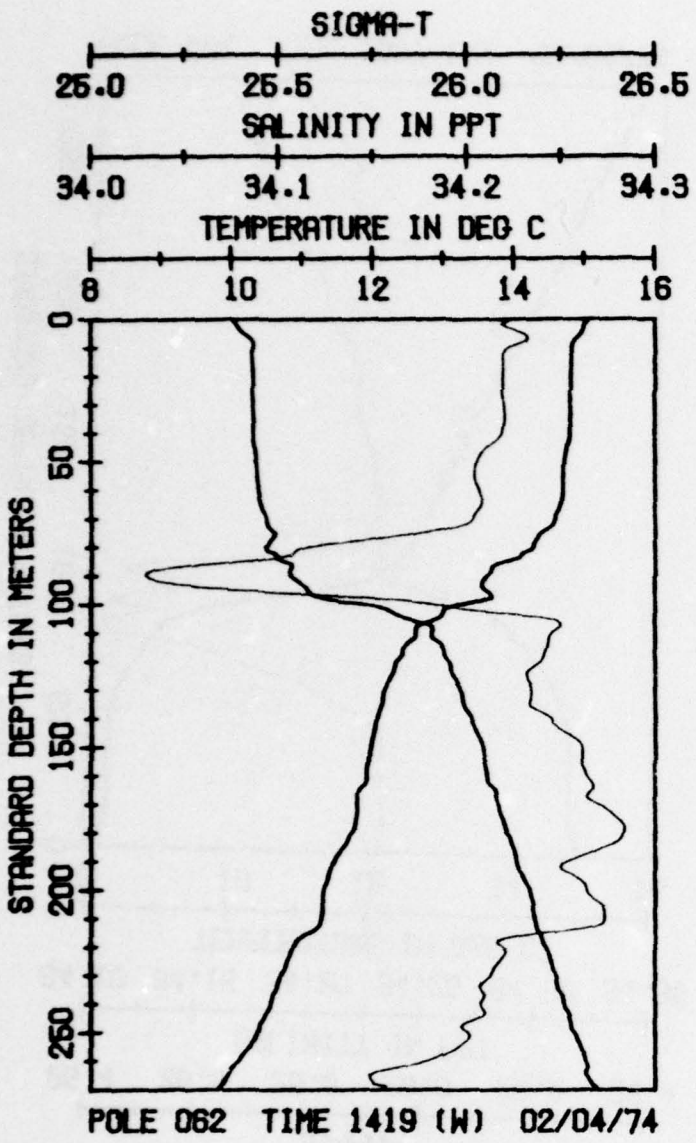

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 057 TIME 0357 (W) 02/04/74

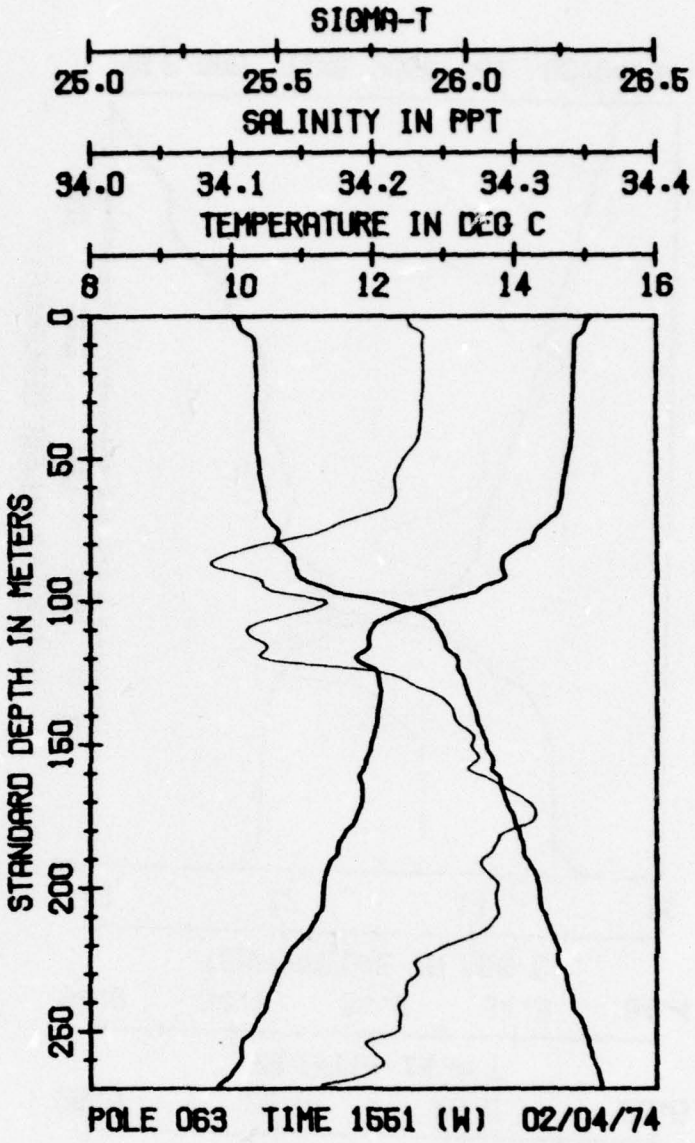

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 068 TIME 0604 (W) 02/04/74

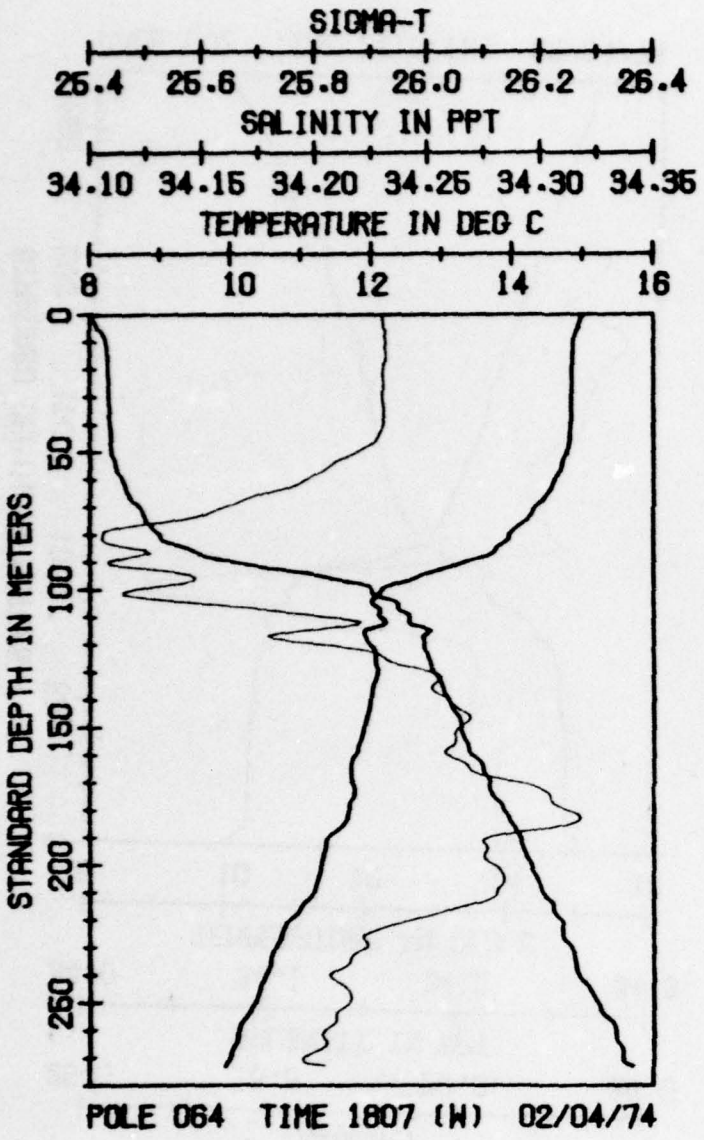

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 069 TIME 0806 (W) 02/04/74

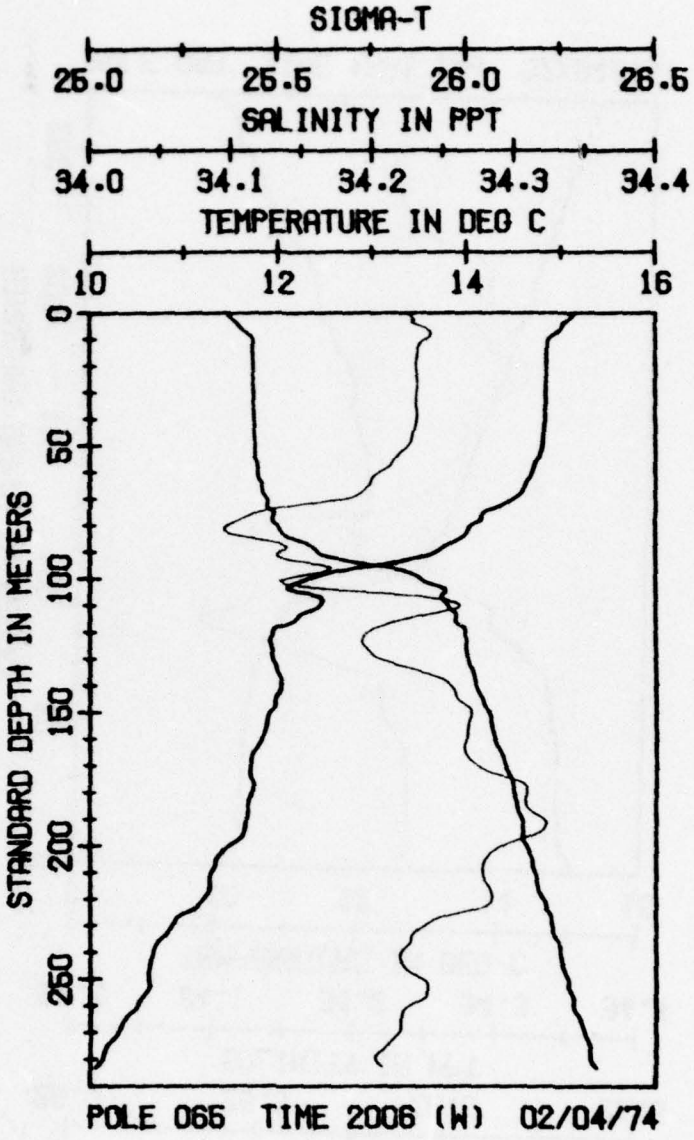

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250 300
POLE 060 TIME 1040 (H) 02/04/74

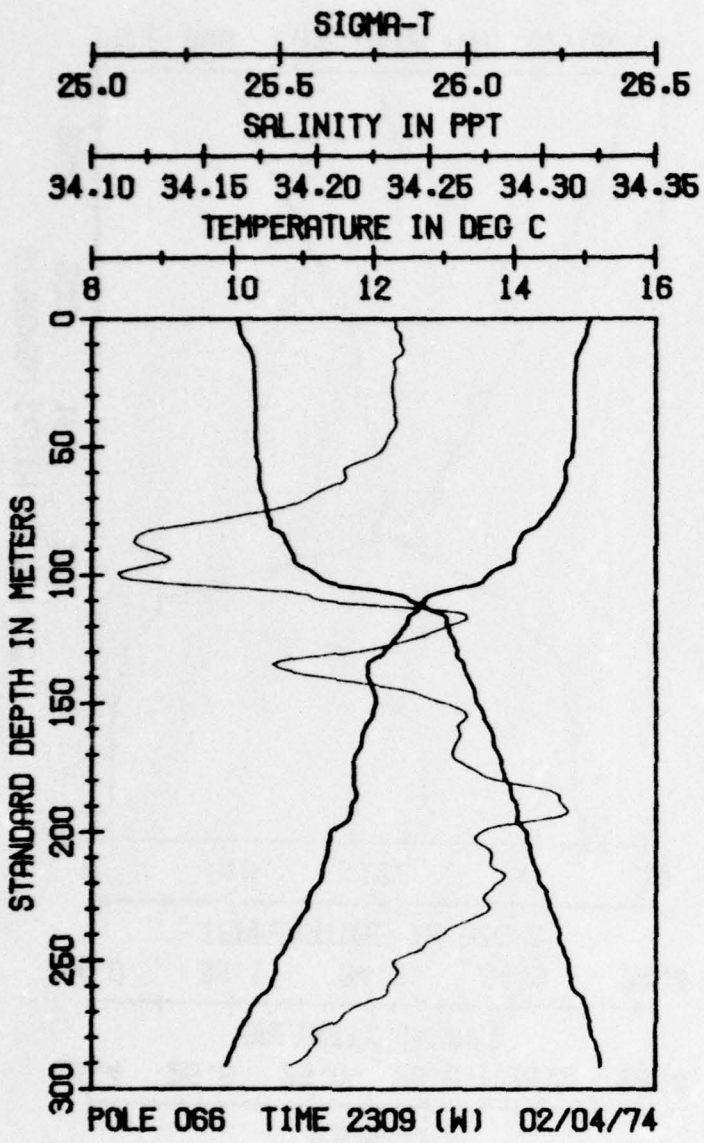

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 061 TIME 1301 (H) 02/04/74

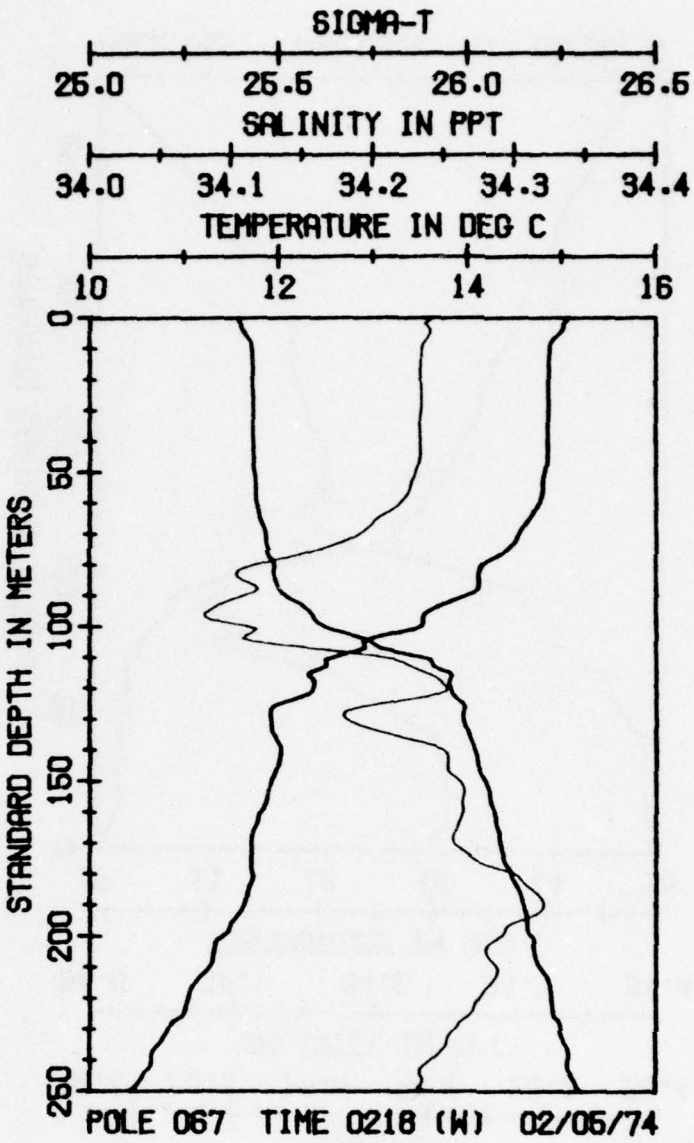

SIGMA-T
25.0
25.5
26.0
26.5
SALINITY IN PPT
34.0
34.1
34.2
34.3
TEMPERATURE IN DEG C
8
10
12
14
16
STANDARD DEPTH IN METERS
0
50
100
150
200
250
POLE 062 TIME 1419 (W) 02/04/74

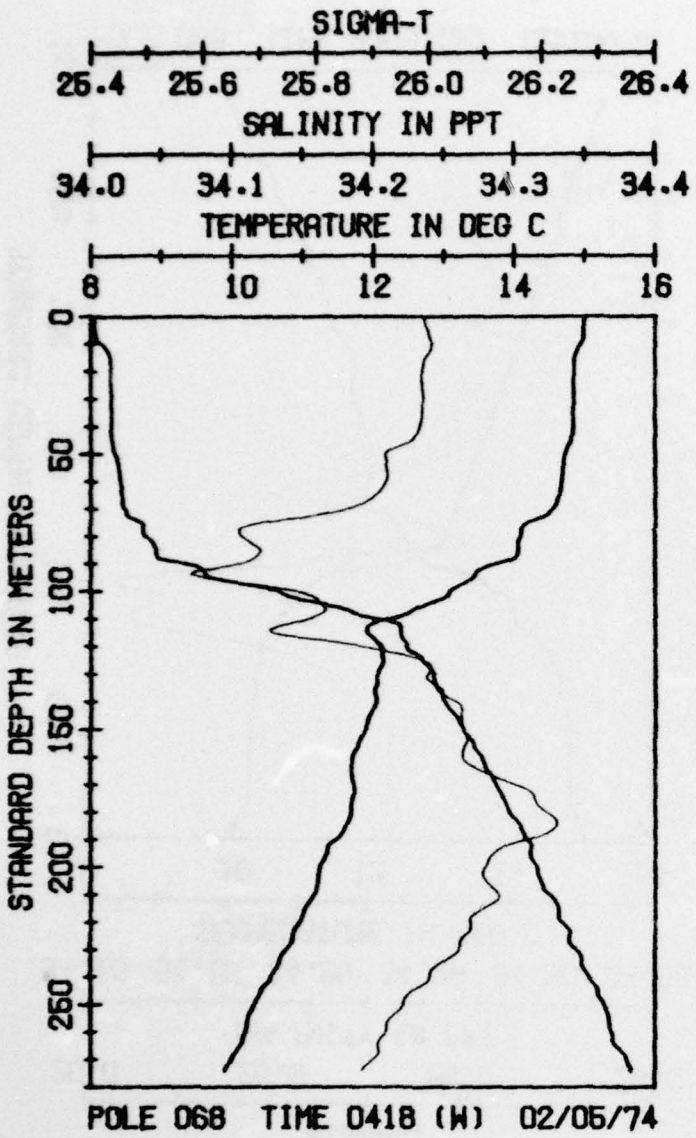

SIGMA-T
25.0
25.5
26.0
26.5
SALINITY IN PPT
34.0
34.1
34.2
34.3
34.4
TEMPERATURE IN DEG C
8
10
12
14
16
STANDARD DEPTH IN METERS
0
50
100
150
200
250
POLE 063 TIME 1551 (W) 02/04/74

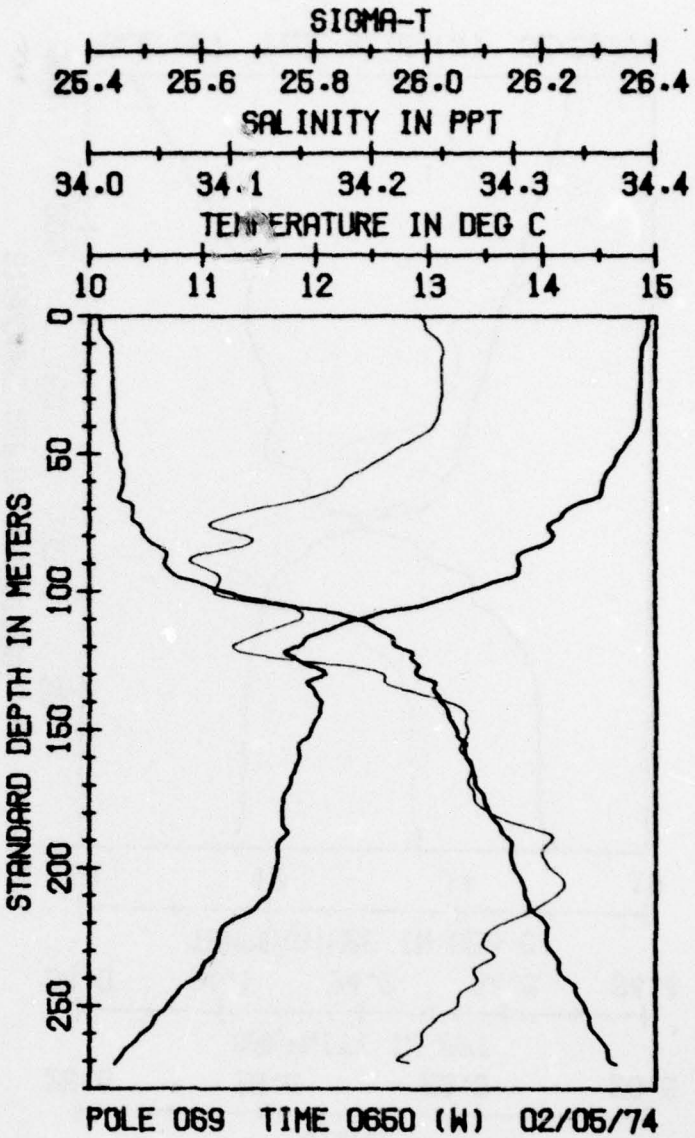

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.10 34.15 34.20 34.25 34.30 34.35
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 064 TIME 1807 (W) 02/04/74

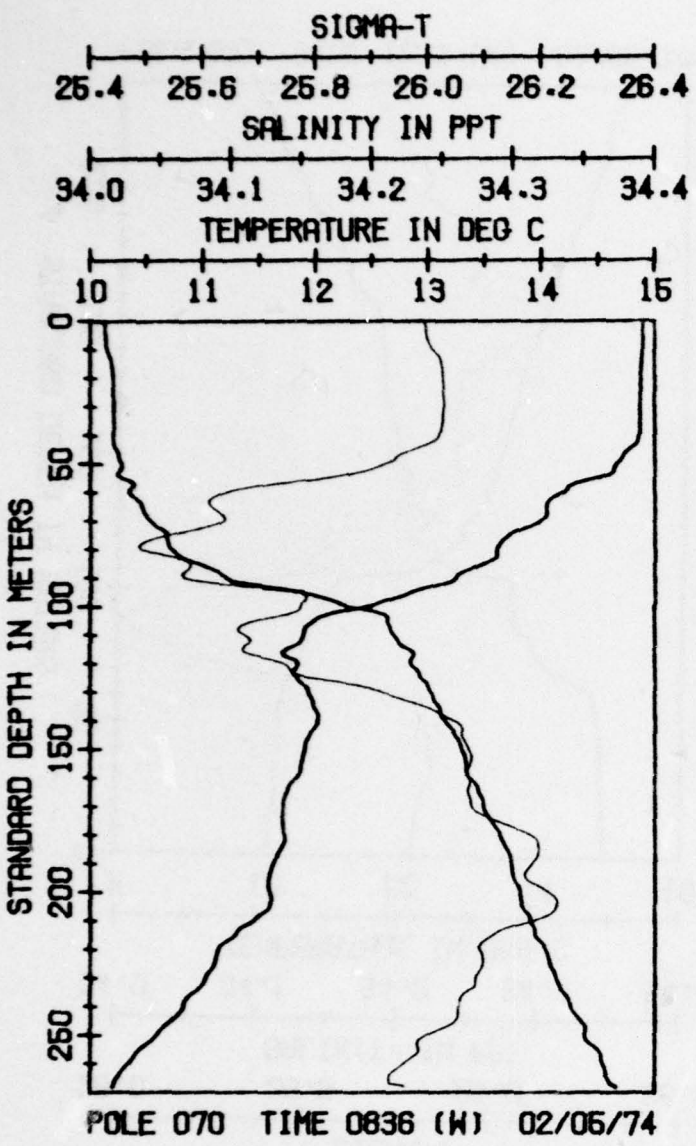

SIGMA-T
25.0 25.5 26.0 26.5
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 065 TIME 2006 (W) 02/04/74

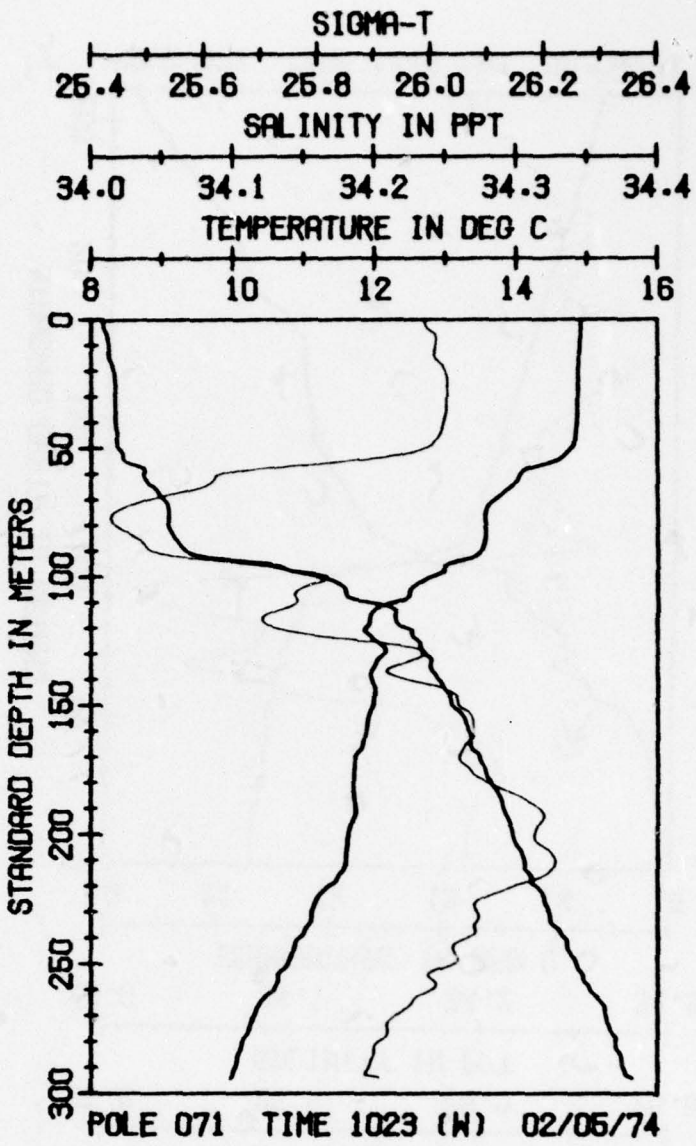

SIGMA-T
25.0 25.5 26.0 26.5
SALINITY IN PPT
34.10 34.15 34.20 34.25 34.30 34.35
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250 300
POLE 066 TIME 2309 (W) 02/04/74

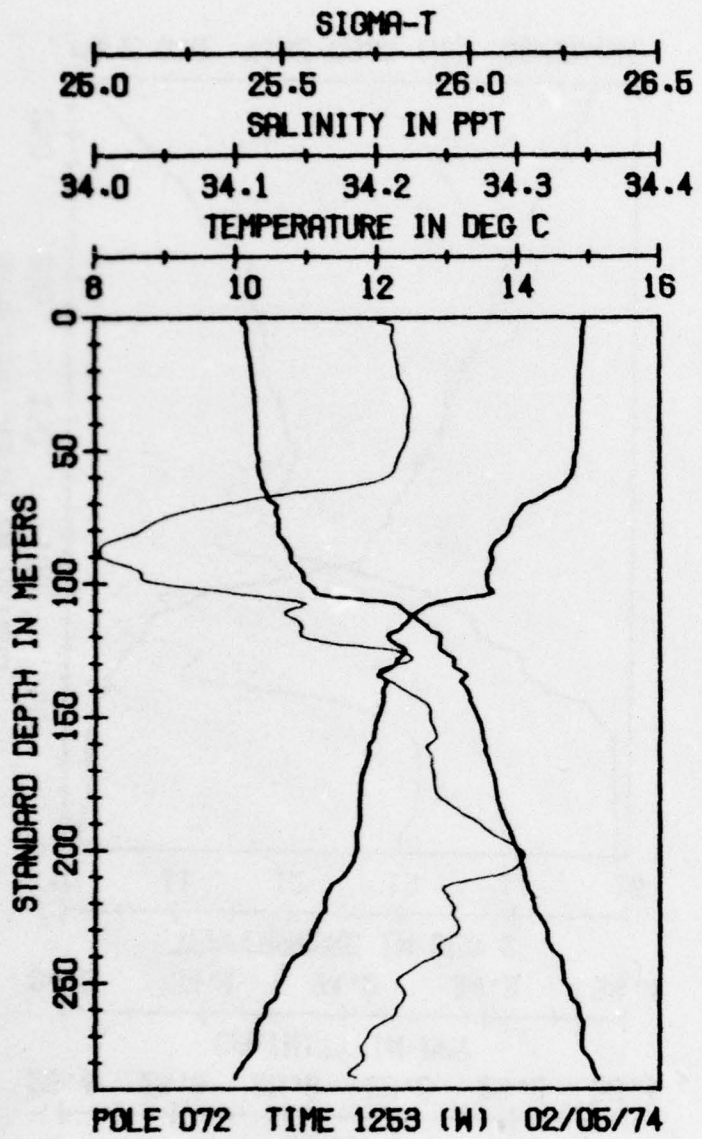

SIGMA-T
25.0 25.5 26.0 26.5
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 067 TIME 0218 (W) 02/05/74

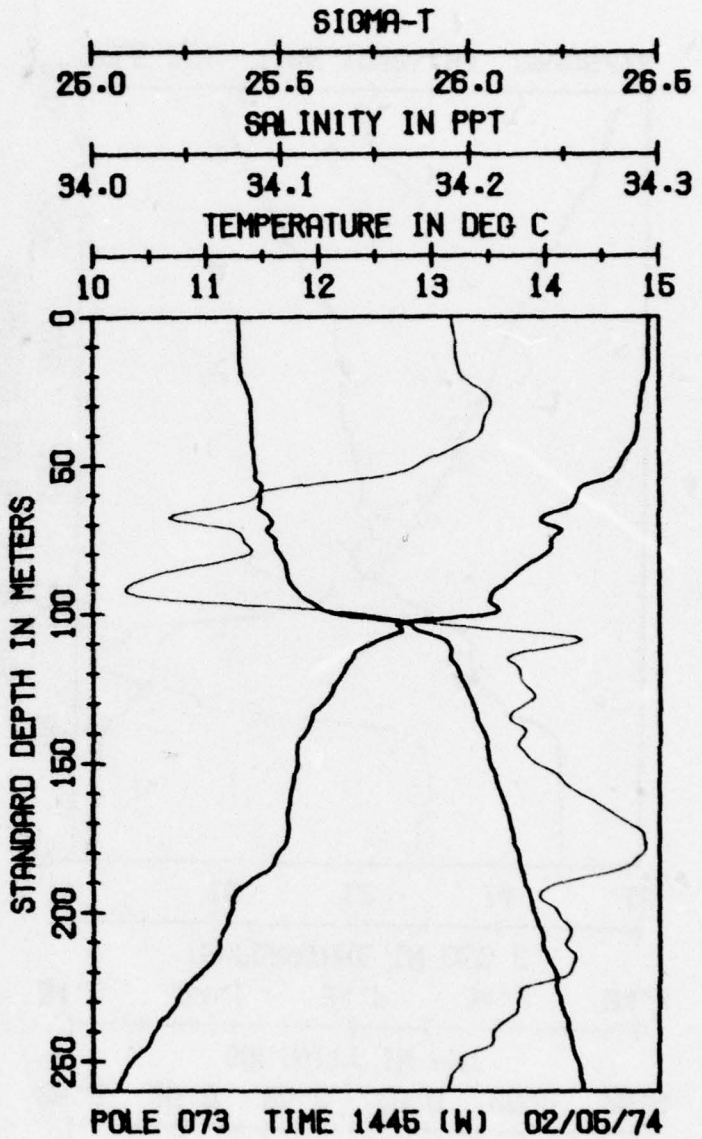

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
6 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 068 TIME 0418 (W) 02/05/74

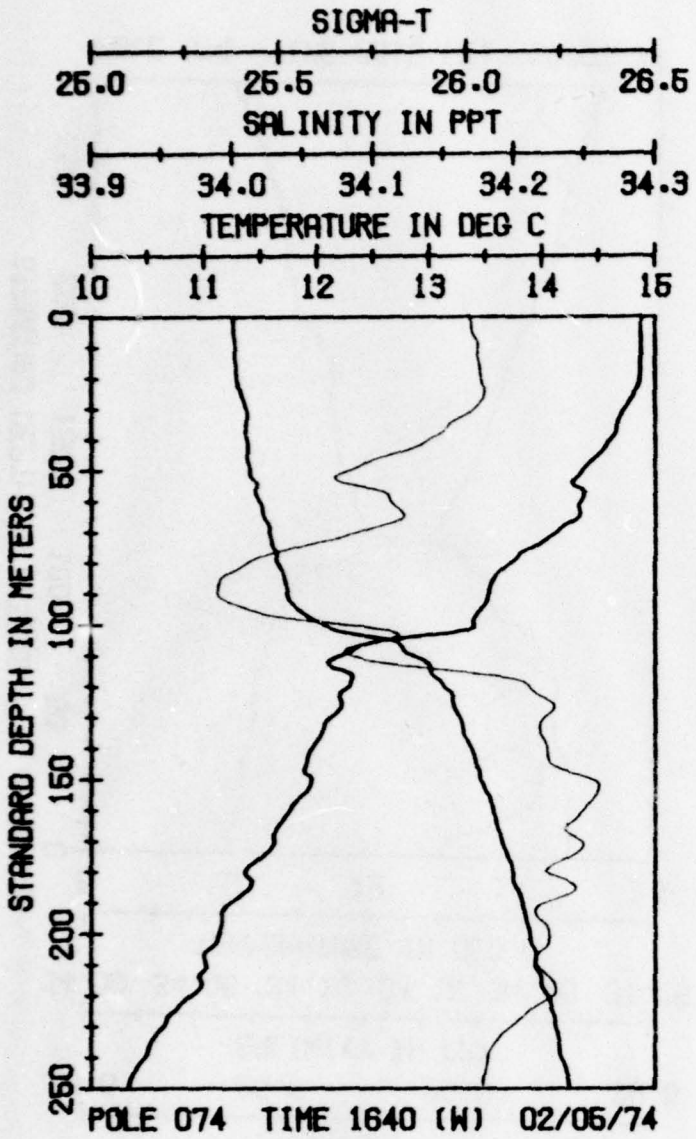

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 069 TIME 0650 (W) 02/05/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 070 TIME 0836 (W) 02/06/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250 300
POLE 071 TIME 1023 (W) 02/06/74


SIGMA-T
25.0
25.5
26.0
26.5
SALINITY IN PPT
34.0
34.1
34.2
34.3
34.4
TEMPERATURE IN DEG C
8
10
12
14
16
STANDARD DEPTH IN METERS
0
50
100
150
200
250
POLE 072 TIME 1253 (W) 02/05/74


SIGMA-T
25.0
25.5
26.0
26.5
SALINITY IN PPT
34.0
34.1
34.2
34.3
TEMPERATURE IN DEG C
10
11
12
13
14
15
STANDARD DEPTH IN METERS
0
50
100
150
200
250
POLE 073 TIME 1445 (W) 02/05/74


SIGMA-T
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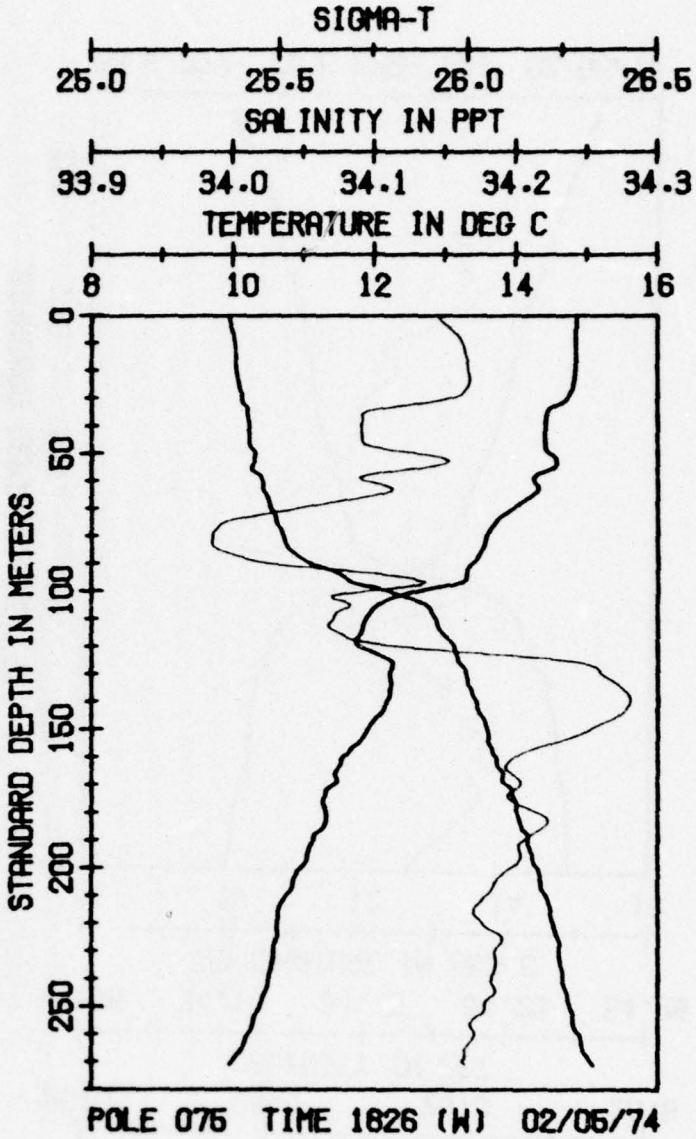
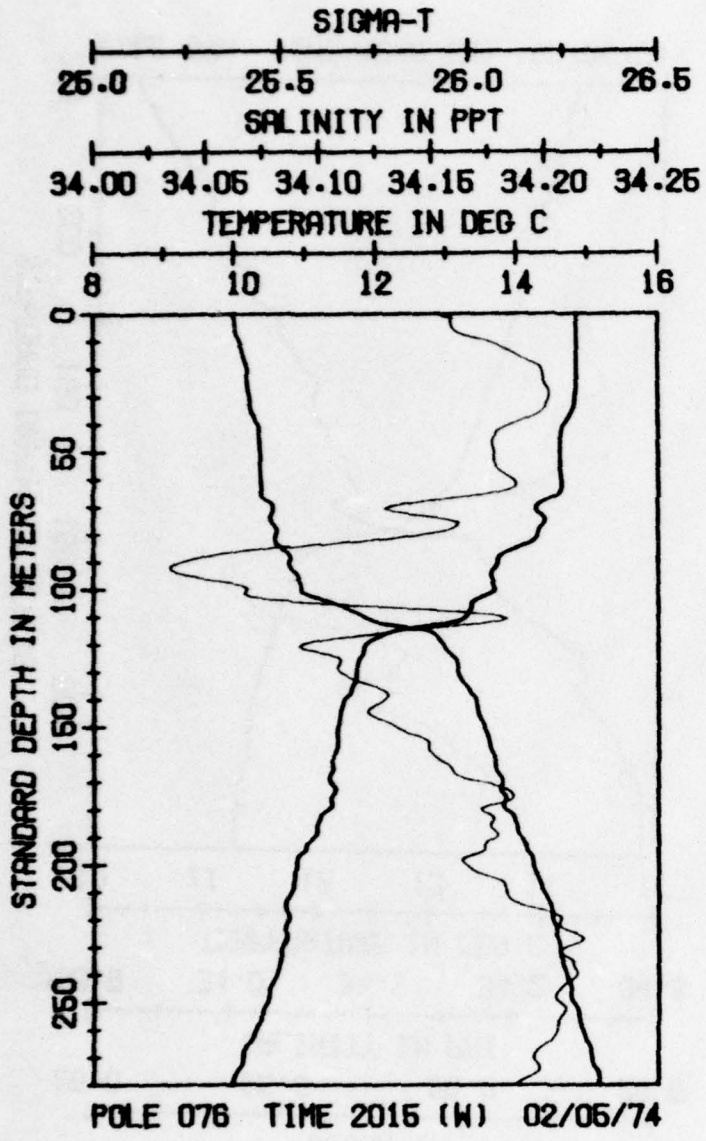
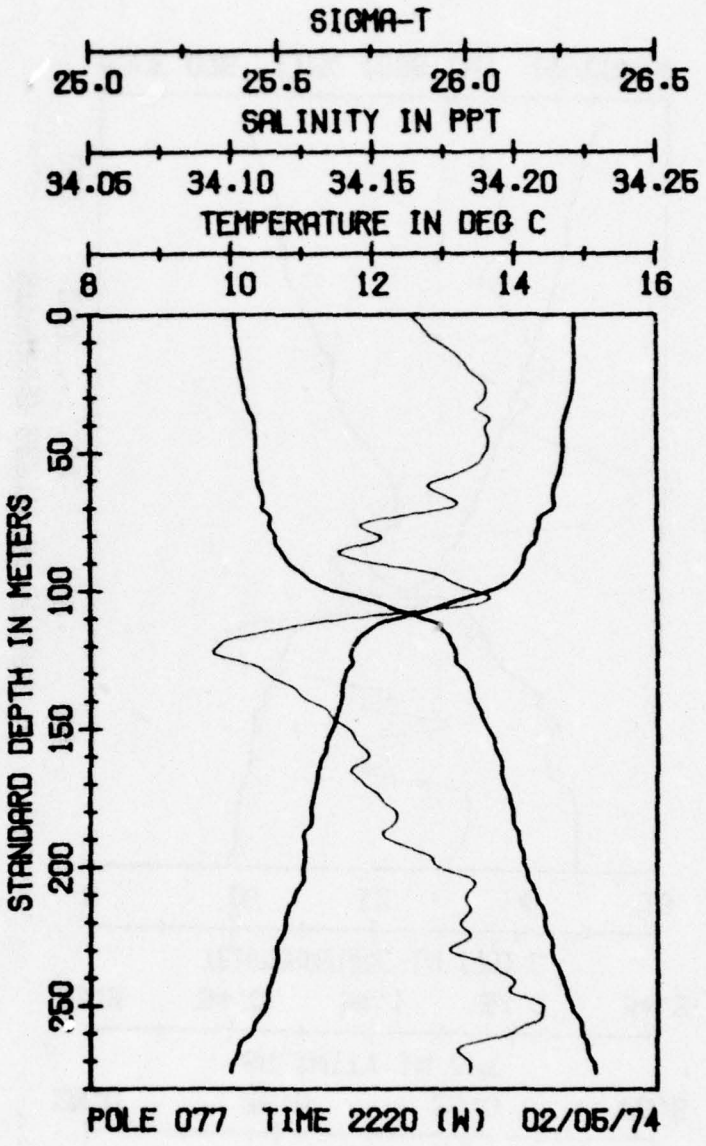
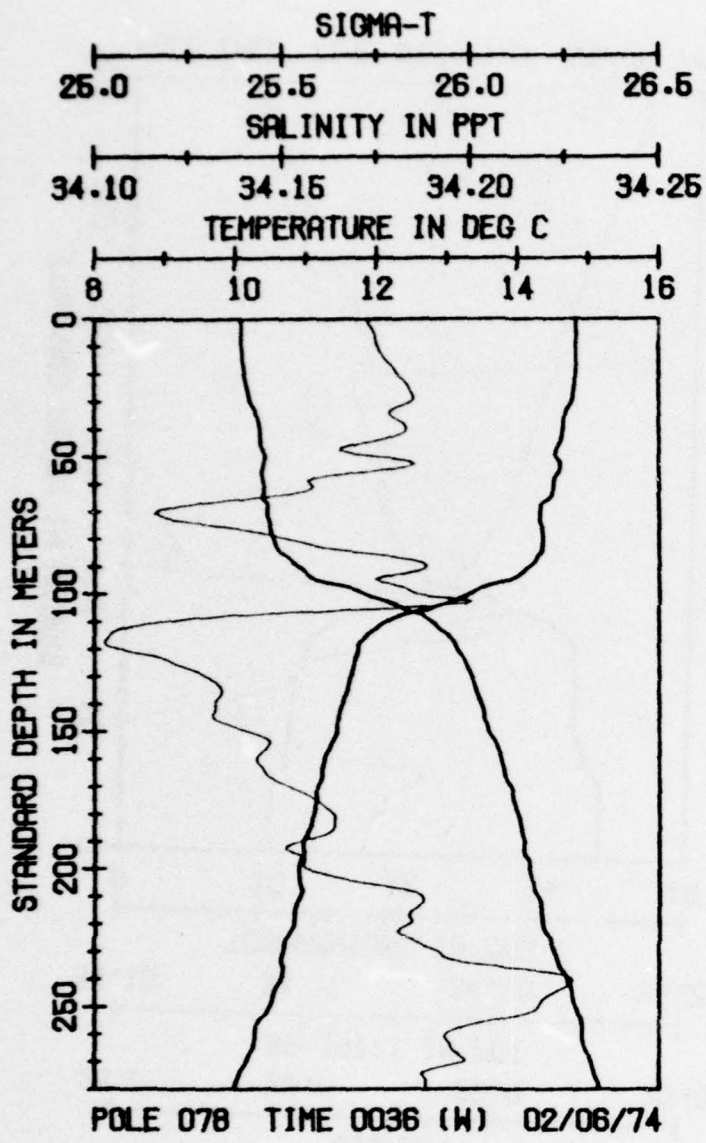
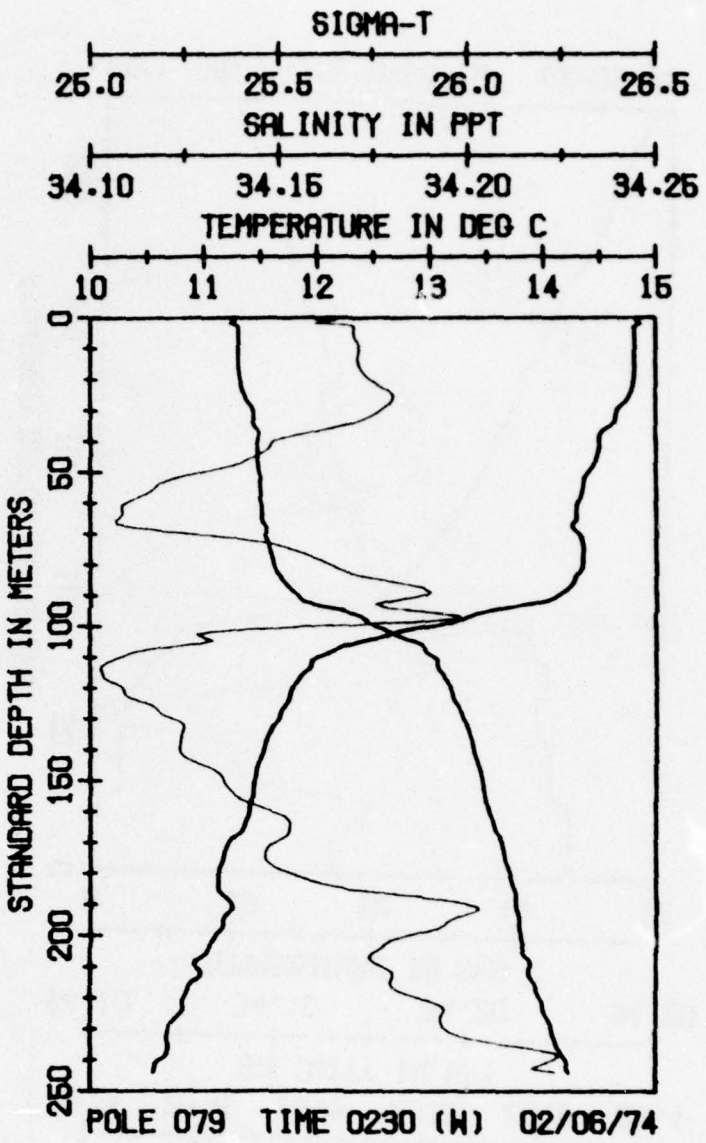
25.5
26.0
26.5
SALINITY IN PPT
33.9
34.0
34.1
34.2
34.3
TEMPERATURE IN DEG C
10
11
12
13
14
15
STANDARD DEPTH IN METERS
0
50
100
150
200
250
POLE 074 TIME 1640 (W) 02/06/74

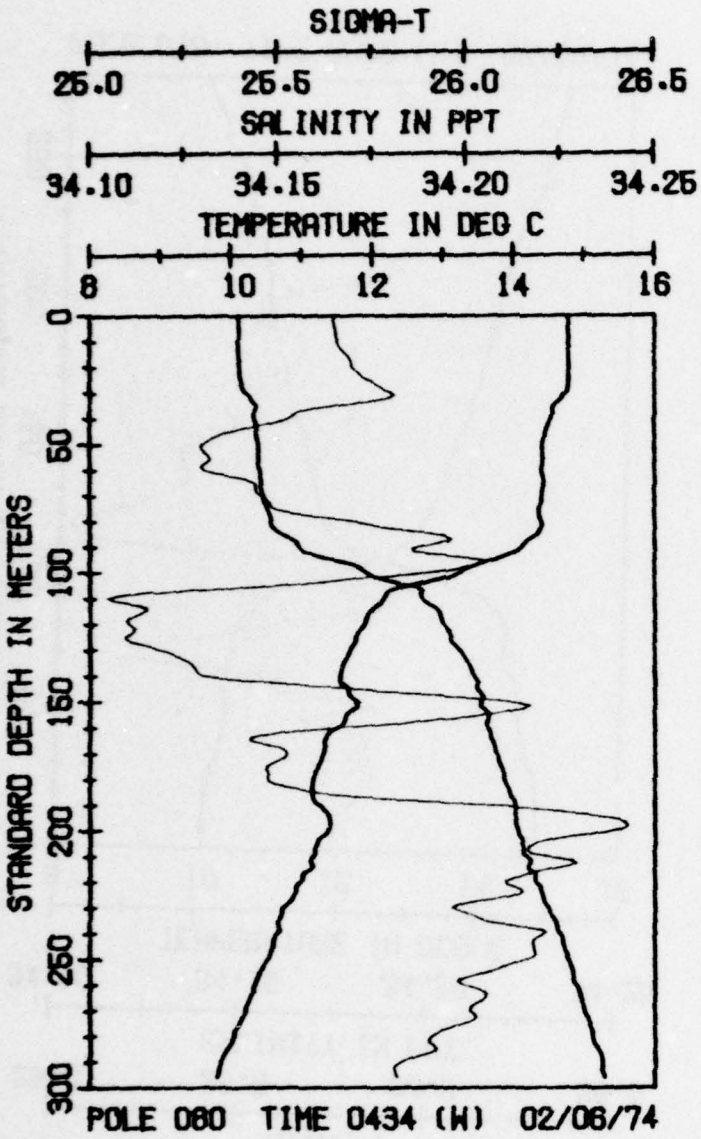

SIGMA-T
25.0
25.5
26.0
26.5
SALINITY IN PPT
33.9
34.0
34.1
34.2
34.3
TEMPERATURE IN DEG C
8
10
12
14
16
STANDARD DEPTH IN METERS
0
50
100
150
200
250
POLE 075 TIME 1826 (W) 02/06/74

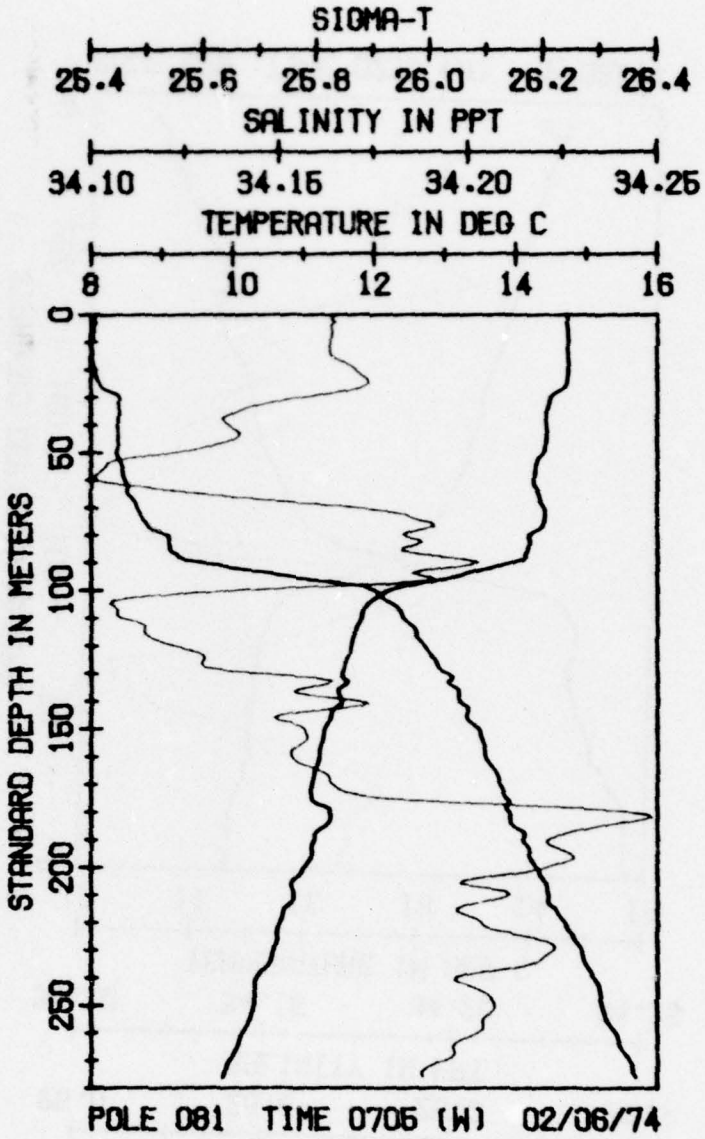

SIGMA-T
25.0 25.5 26.0 26.5
SALINITY IN PPT
34.00 34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 076 TIME 2015 (W) 02/05/74

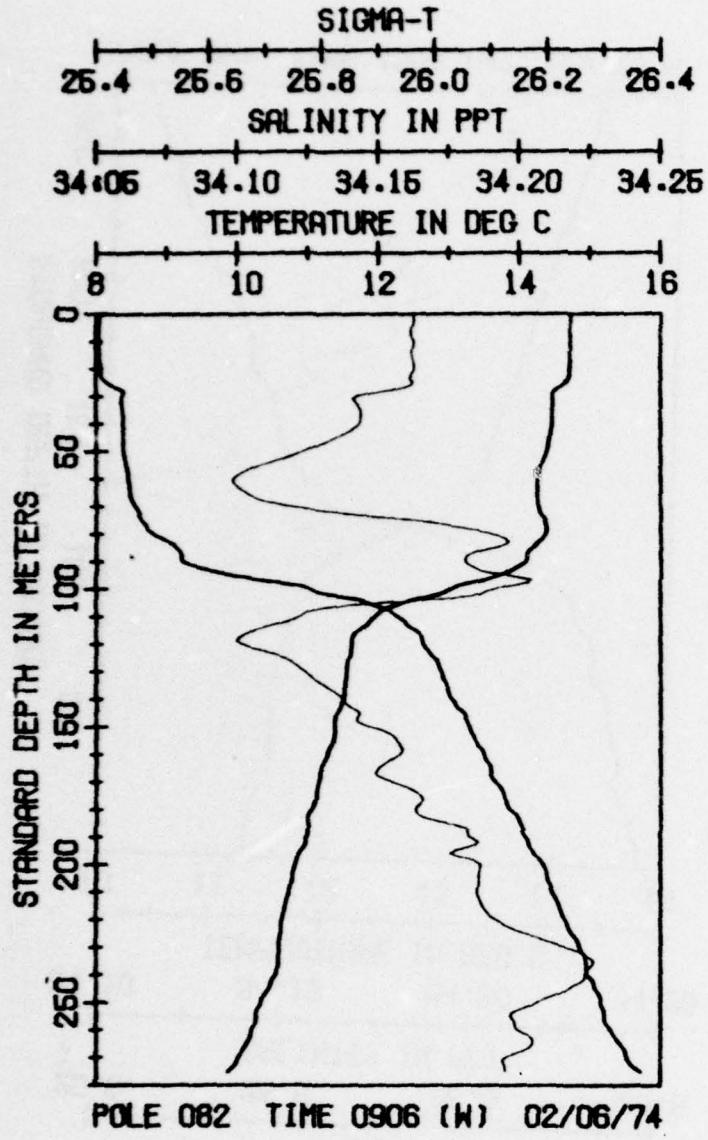

SIGMA-T
25.0 25.5 26.0 26.5
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 077 TIME 2220 (W) 02/05/74

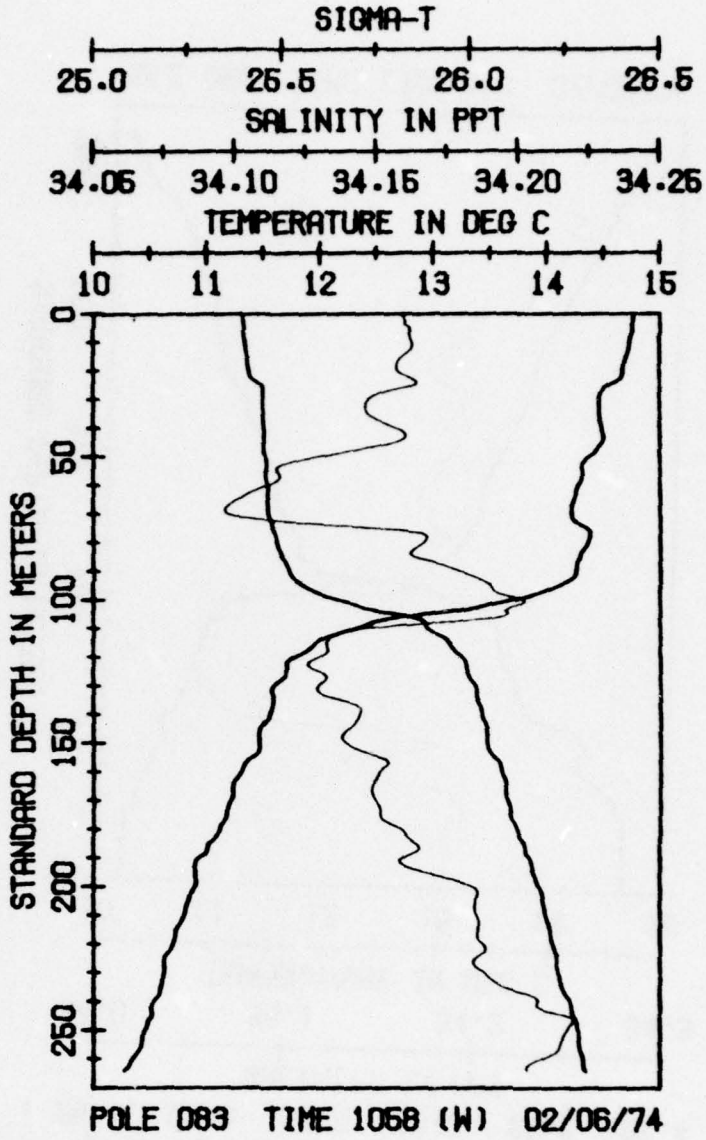

SIGMA-T
25.0
25.5
26.0
26.5
SALINITY IN PPT
34.10
34.15
34.20
34.25
TEMPERATURE IN DEG C
8
10
12
14
16
STANDARD DEPTH IN METERS
0
50
100
150
200
250
POLE 078 TIME 0036 (W) 02/06/74

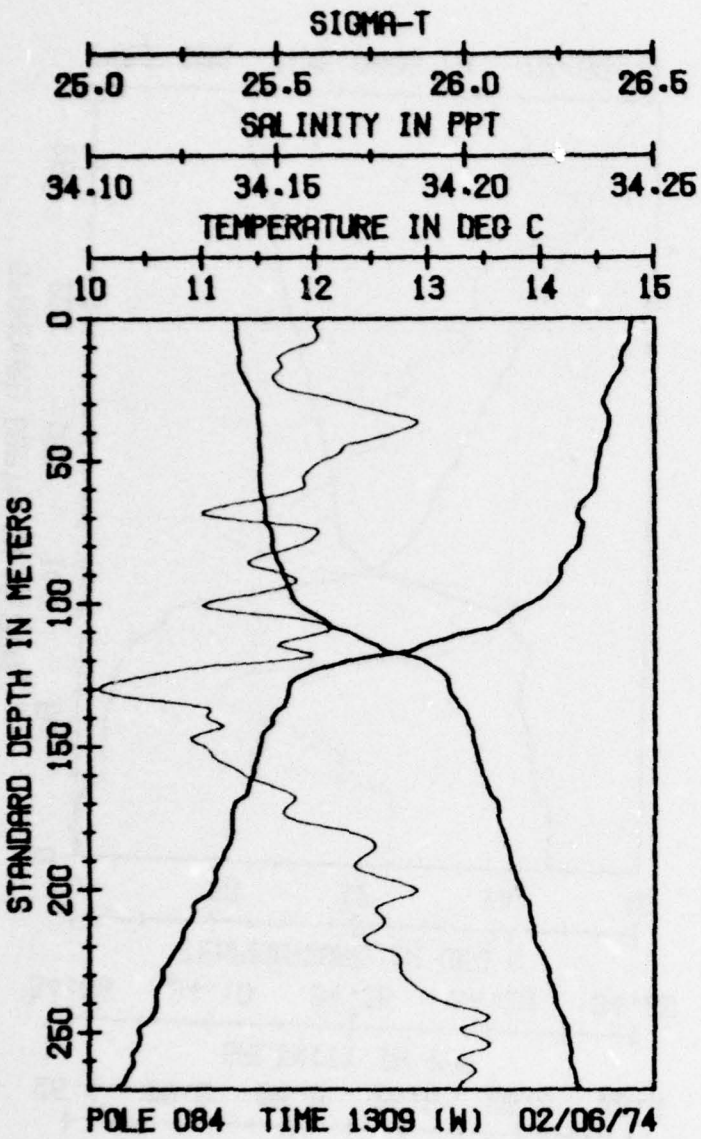

SIGMA-T
25.0
25.5
26.0
26.5
SALINITY IN PPT
34.10
34.15
34.20
34.25
TEMPERATURE IN DEG C
10
11
12
13
14
15
STANDARD DEPTH IN METERS
0
50
100
150
200
250
POLE 079 TIME 0230 (W) 02/06/74

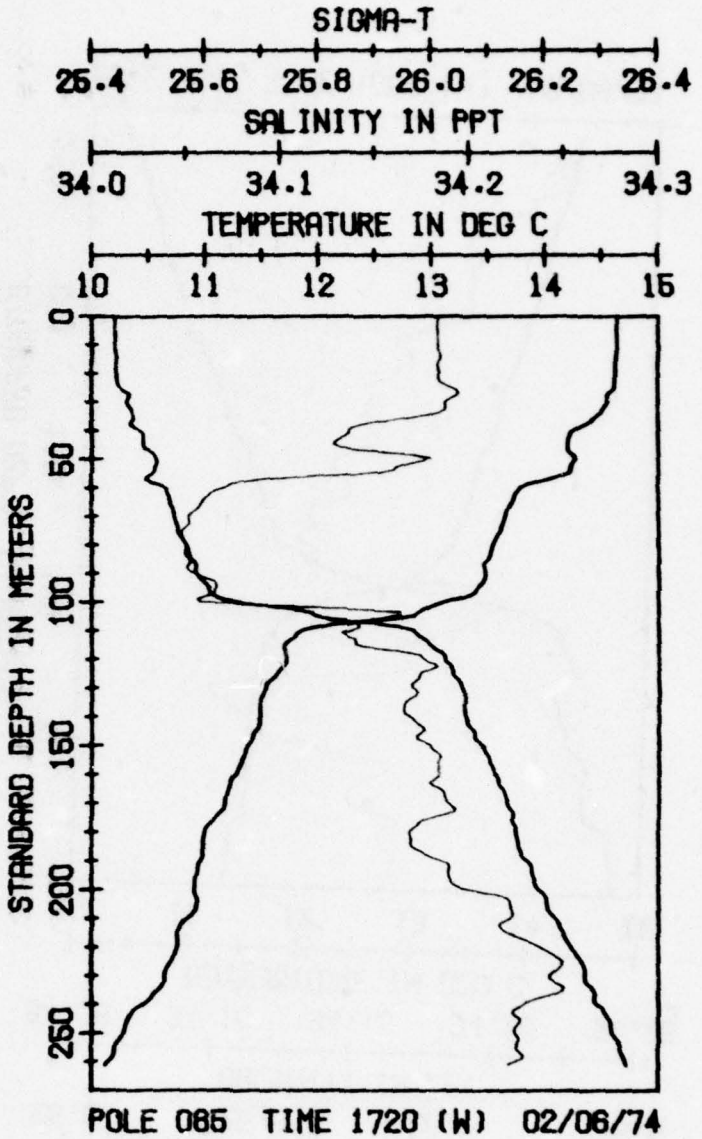

SIGMA-T
25.0
25.5
26.0
26.5
SALINITY IN PPT
34.10
34.15
34.20
34.25
TEMPERATURE IN DEG C
8
10
12
14
16
STANDARD DEPTH IN METERS
0
50
100
150
200
250
300
POLE 080 TIME 0434 (W) 02/06/74

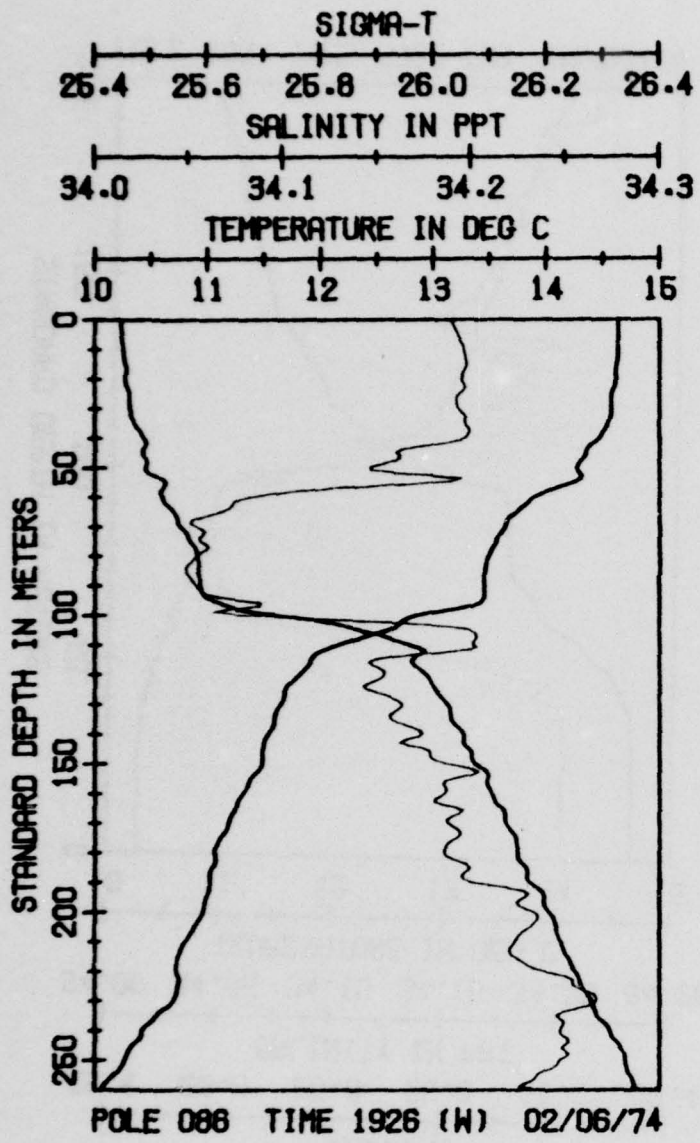

SIGMA-T
25.4
25.6
25.8
26.0
26.2
26.4
SALINITY IN PPT
34.10
34.15
34.20
34.25
TEMPERATURE IN DEG C
8
10
12
14
16
STANDARD DEPTH IN METERS
0
50
100
150
200
250
POLE 081 TIME 0705 (W) 02/06/74

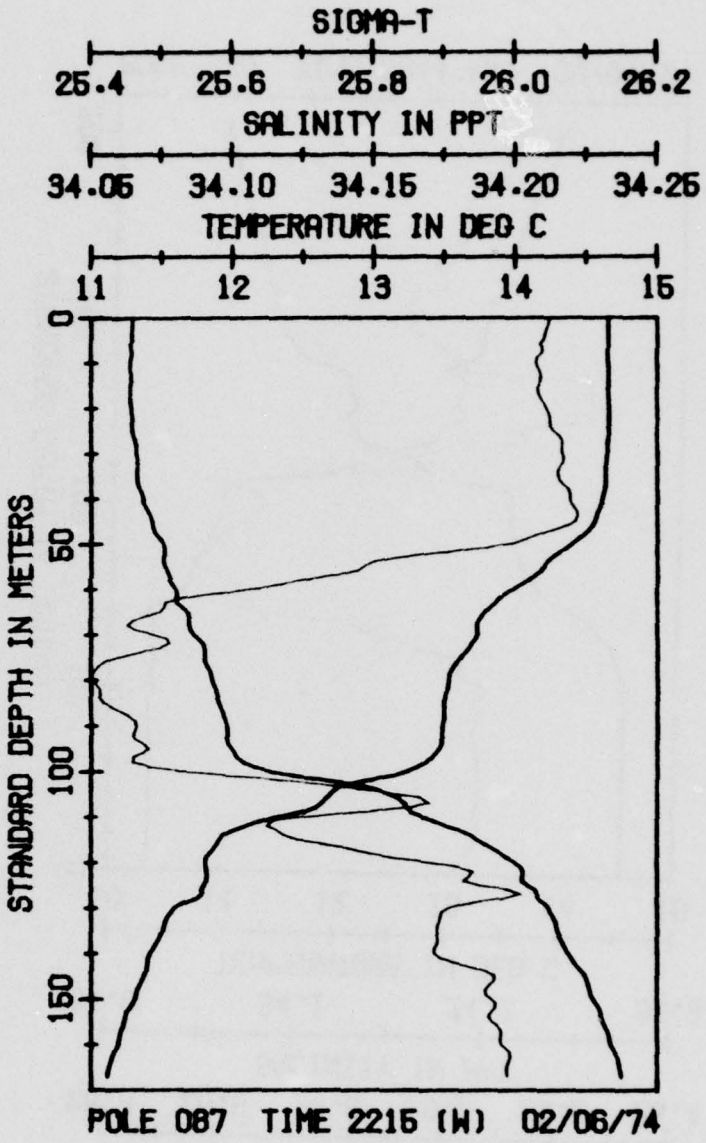

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
8 10 12 14 16
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 082 TIME 0906 (W) 02/06/74

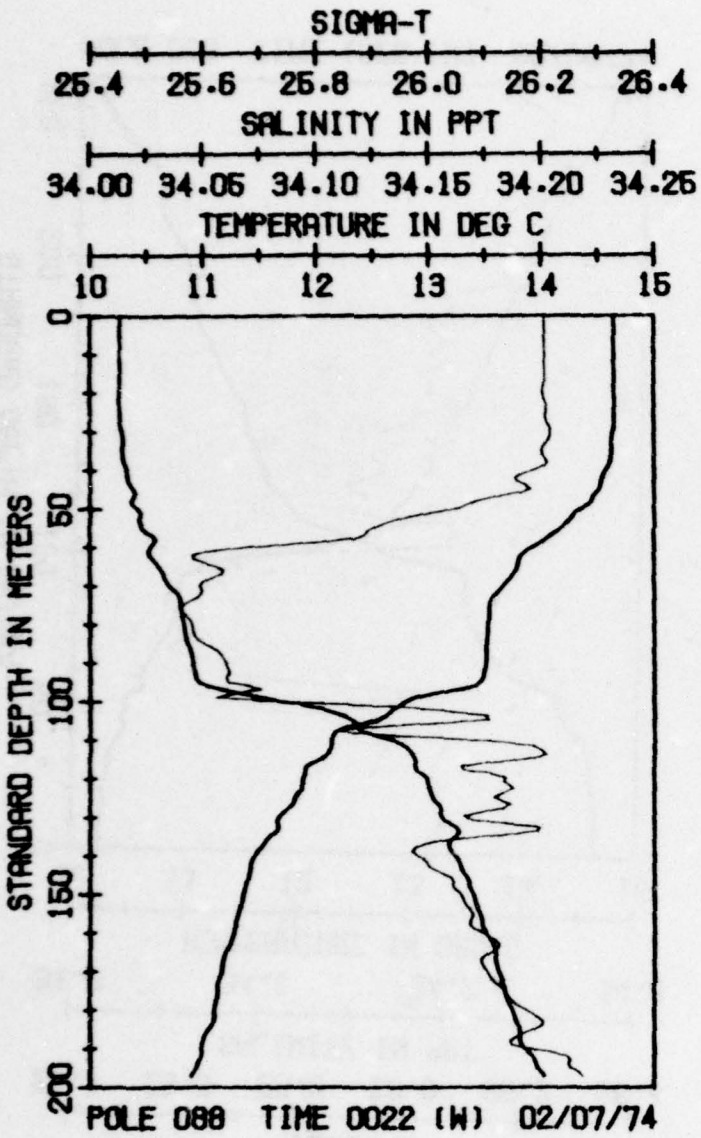

SIGMA-T
25.0 25.5 26.0 26.5
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 083 TIME 1058 (W) 02/06/74

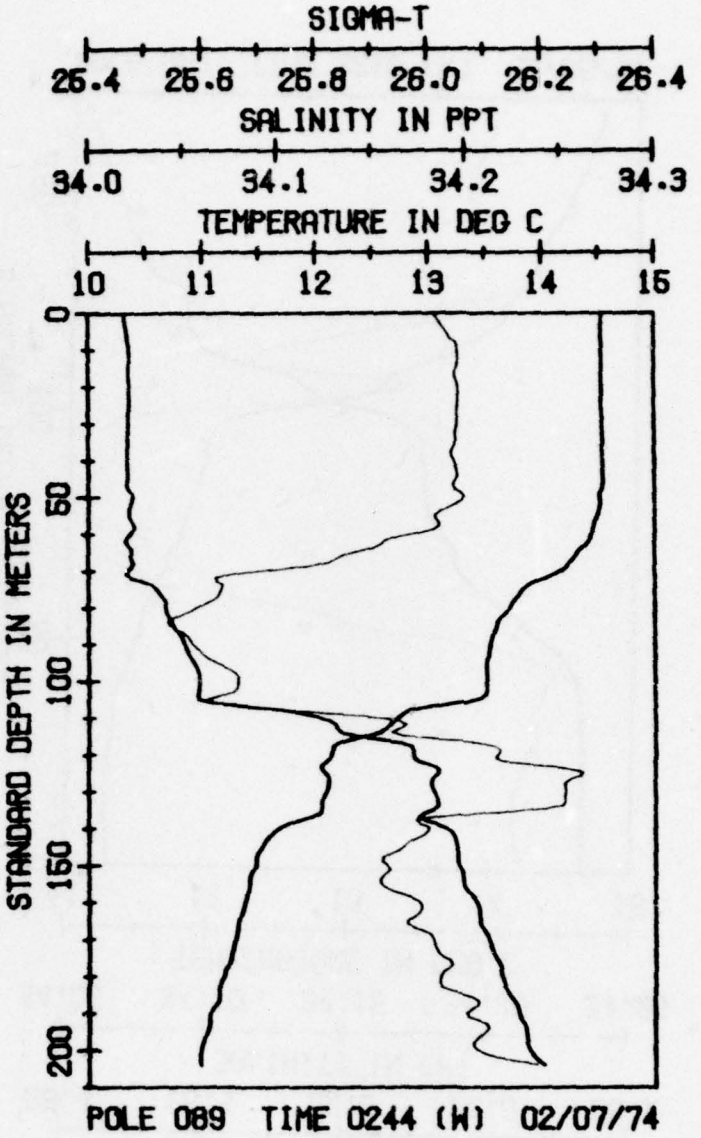

SIGMA-T
25.0
25.5
26.0
26.5
SALINITY IN PPT
34.10
34.15
34.20
34.25
TEMPERATURE IN DEG C
10
11
12
13
14
15
STANDARD DEPTH IN METERS
0
50
100
150
200
250
POLE 084 TIME 1309 (W) 02/06/74

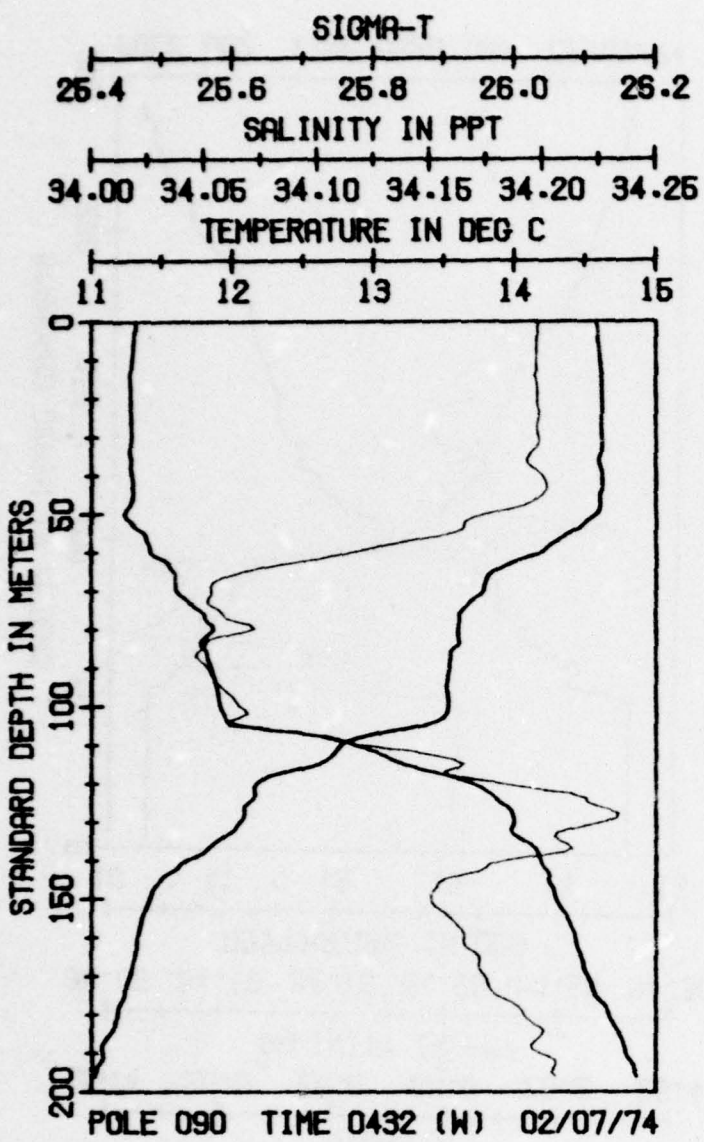

SIGMA-T
25.4
25.6
25.8
26.0
26.2
26.4
SALINITY IN PPT
34.0
34.1
34.2
34.3
TEMPERATURE IN DEG C
10
11
12
13
14
15
STANDARD DEPTH IN METERS
0
50
100
150
200
250
POLE 085 TIME 1720 (W) 02/06/74

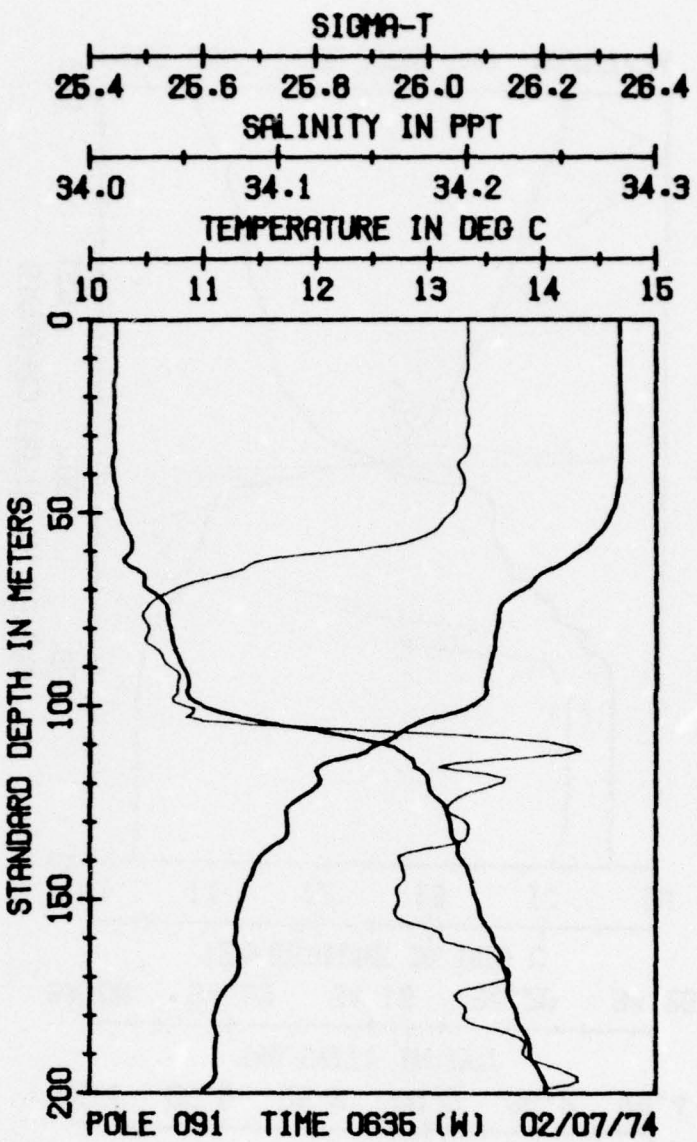

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 086 TIME 1926 (W) 02/06/74

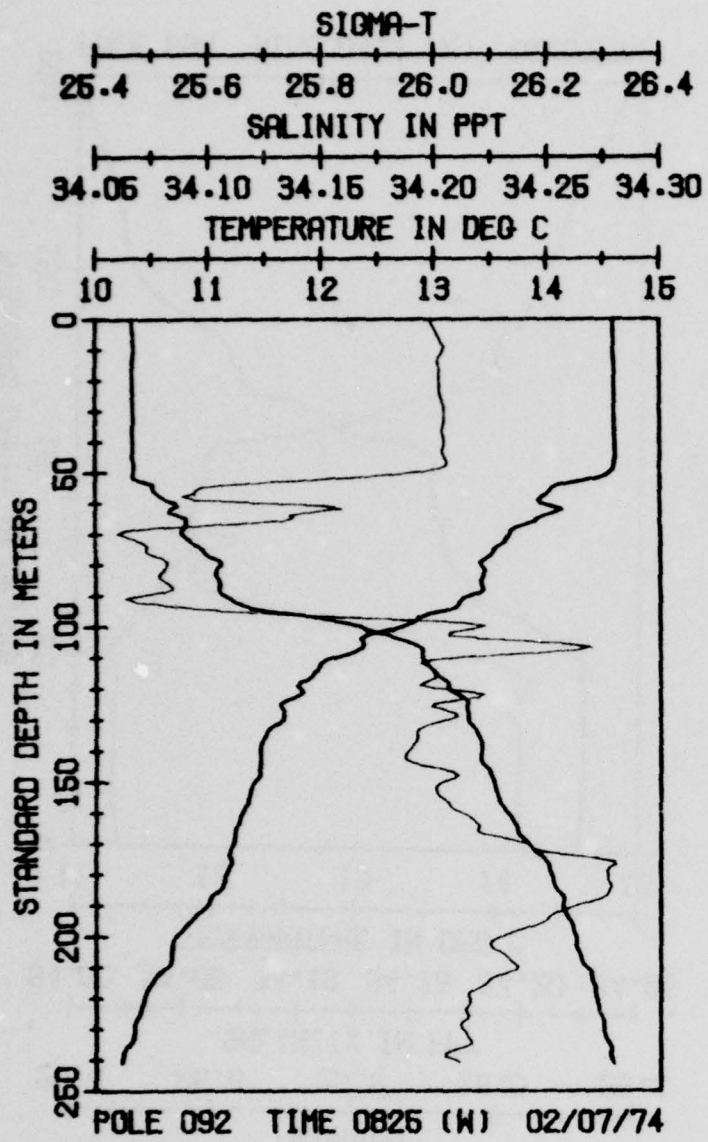

SIGMA-T
25.4 25.6 25.8 26.0 26.2
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150
POLE 087 TIME 2215 (W) 02/06/74

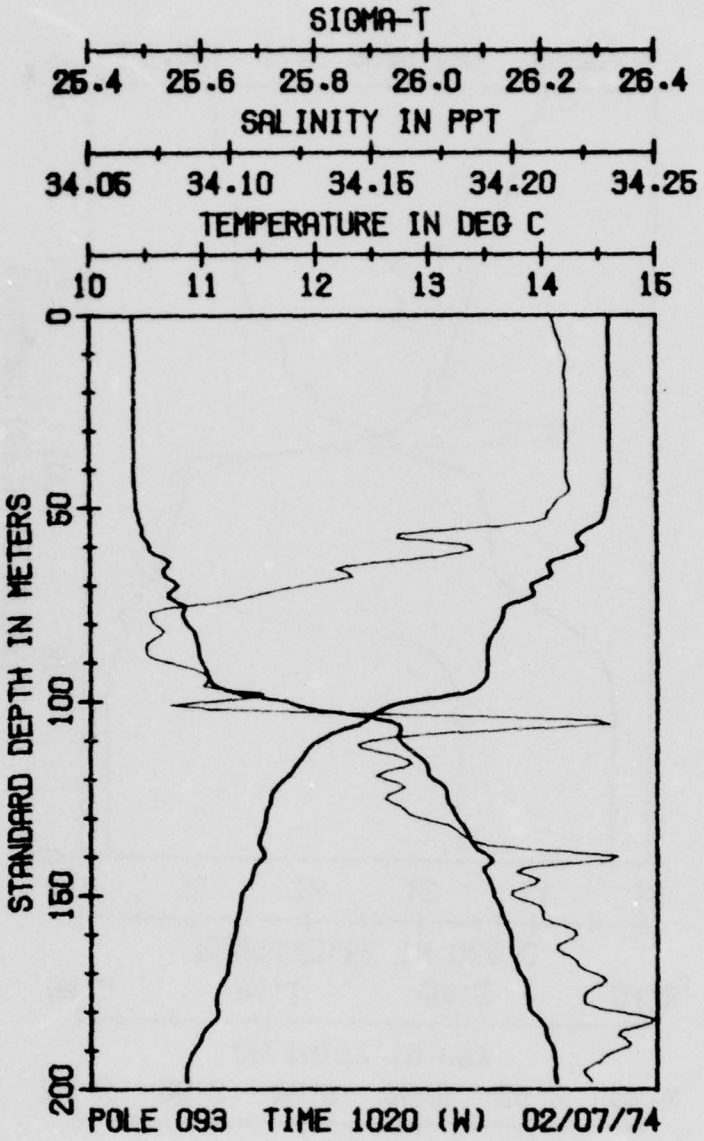

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.00 34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 088 TIME 0022 (W) 02/07/74

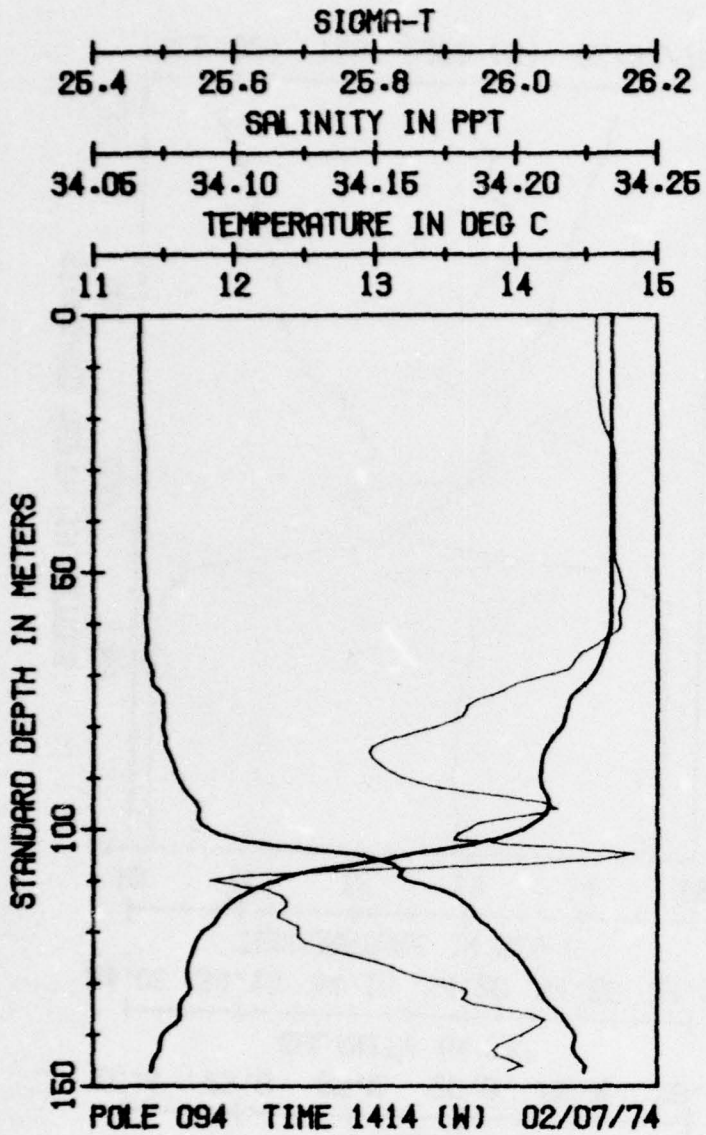

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 089 TIME 0244 (W) 02/07/74

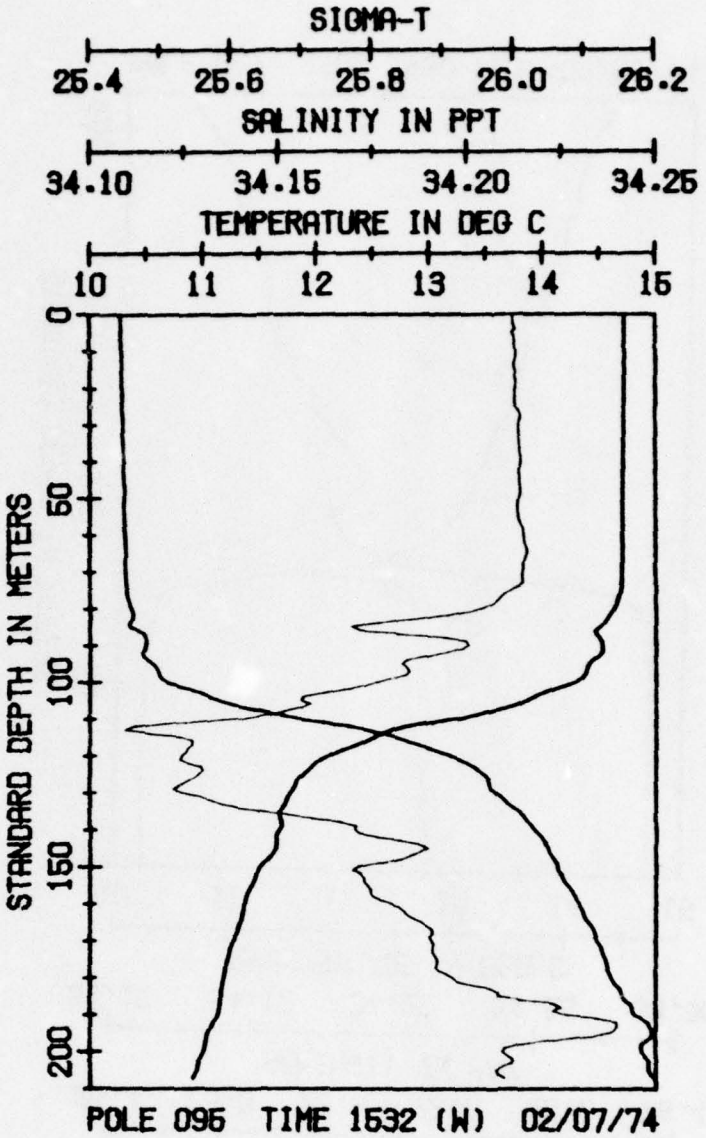

SIGMA-T
25.4 25.6 25.8 26.0 26.2
SALINITY IN PPT
34.00 34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 090 TIME 0432 (W) 02/07/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 091 TIME 0636 (W) 02/07/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 092 TIME 0825 (W) 02/07/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 093 TIME 1020 (W) 02/07/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150
POLE 094 TIME 1414 (W) 02/07/74


SIGMA-T
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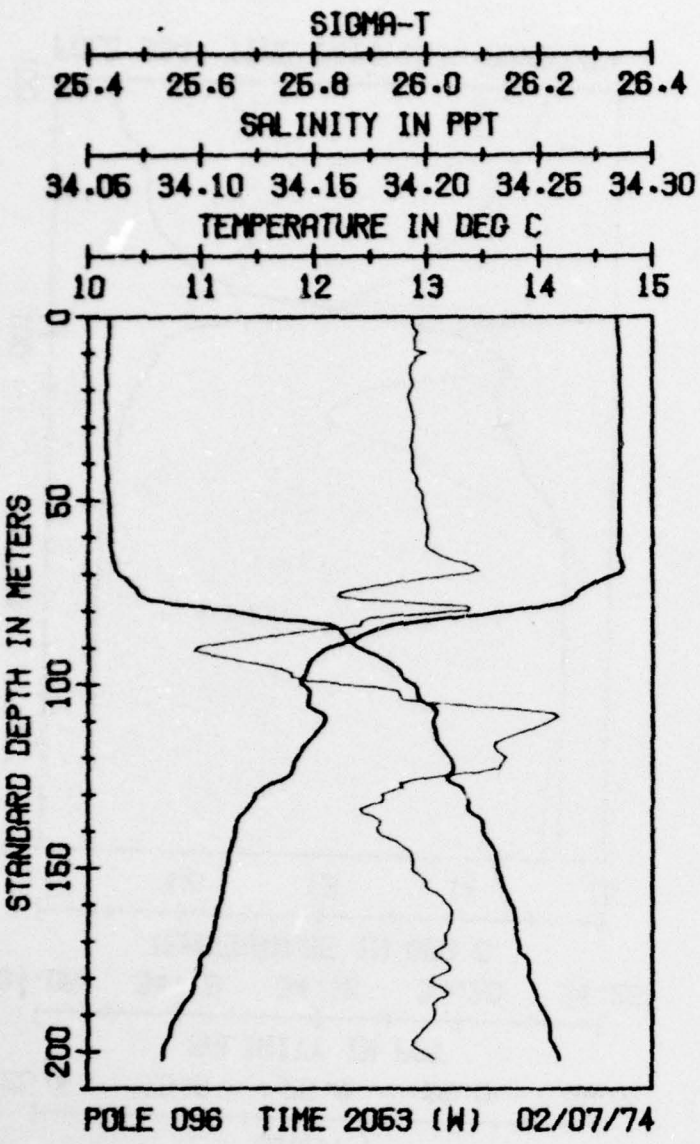
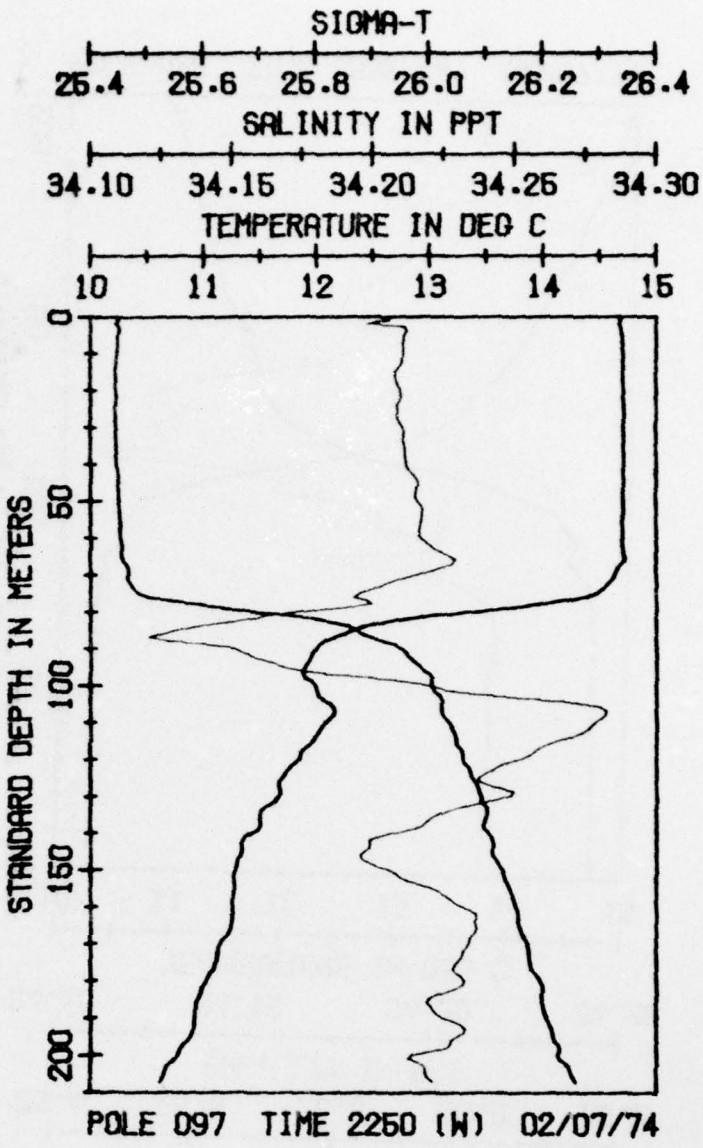
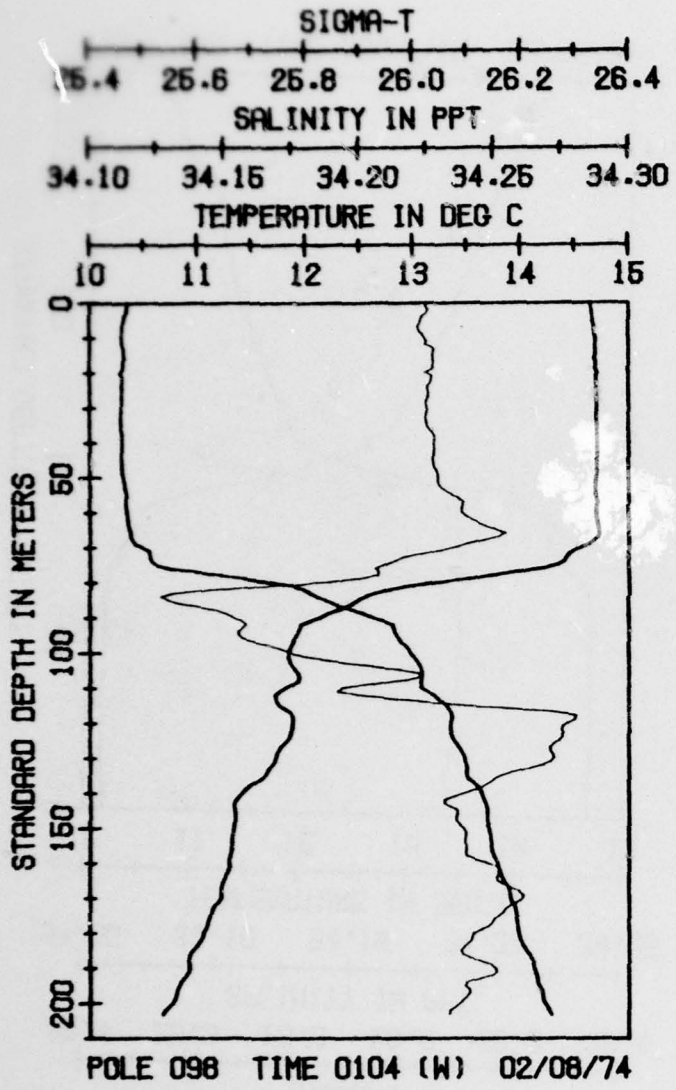
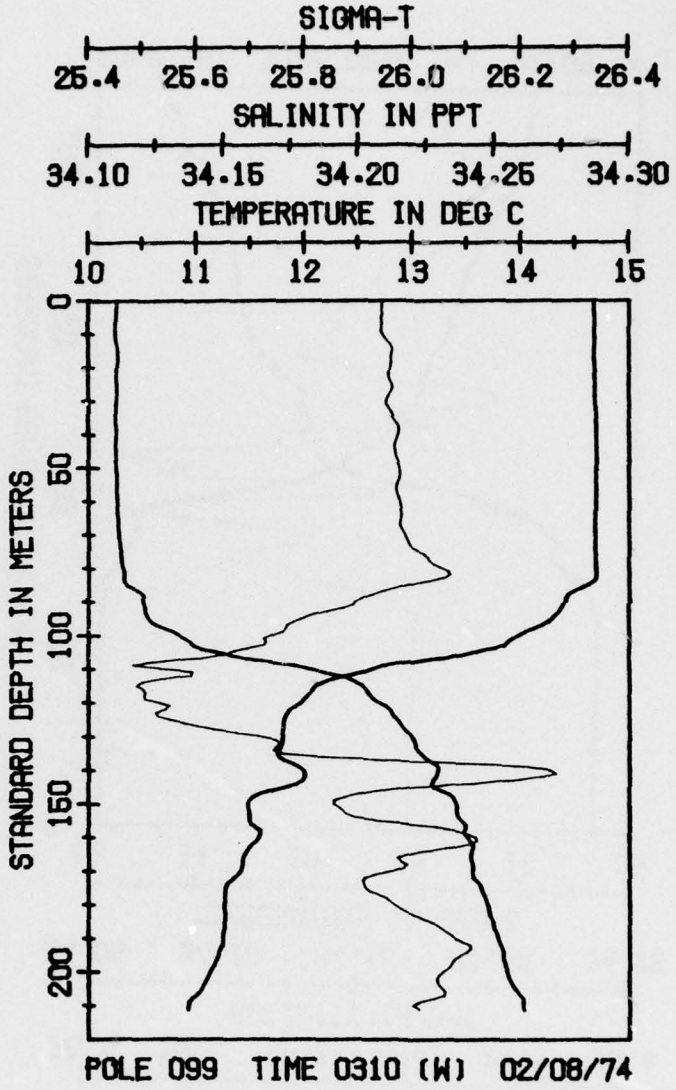
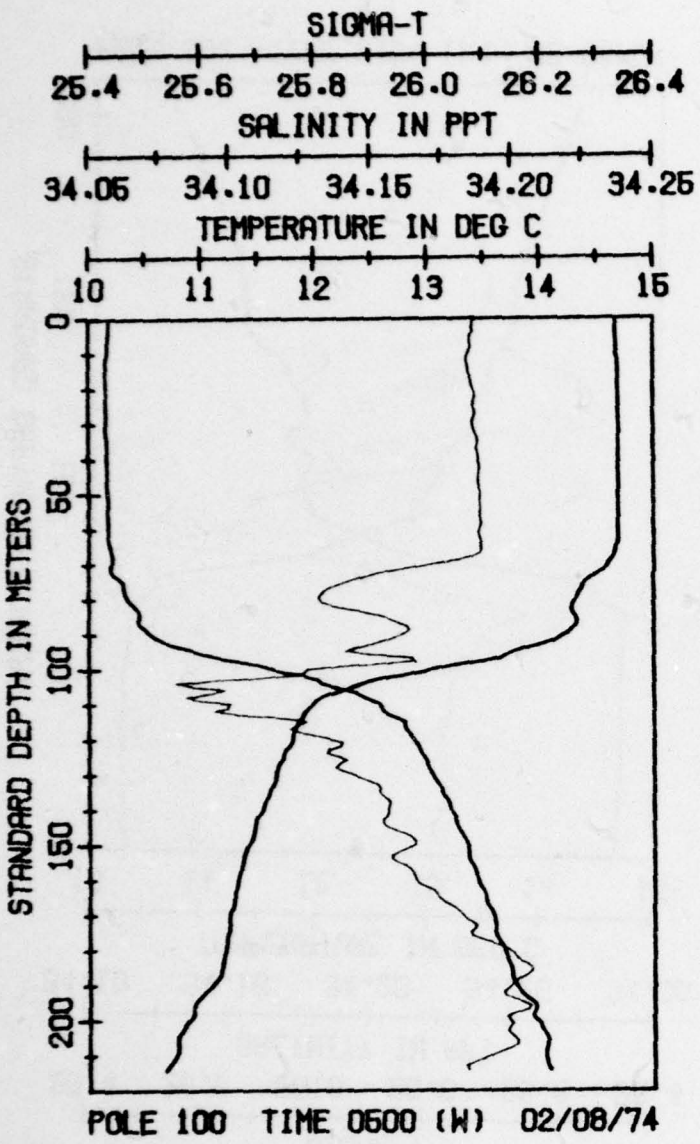
SALINITY IN PPT
34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 095 TIME 1532 (W) 02/07/74

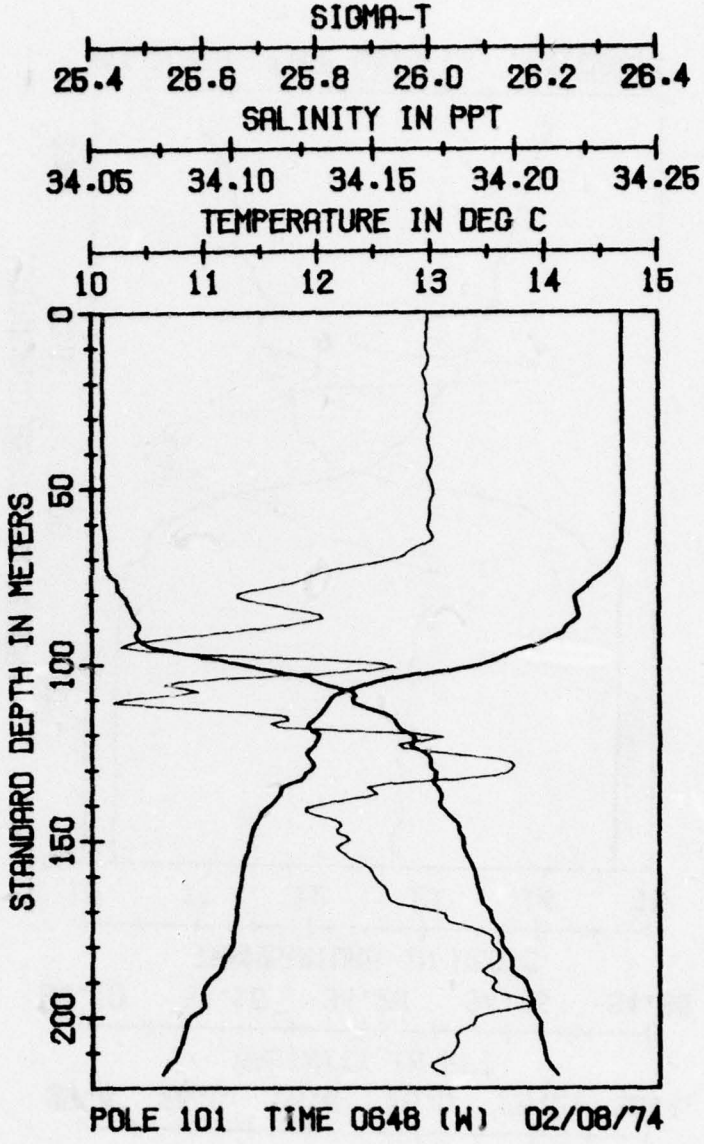

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 096 TIME 2063 (W) 02/07/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 097 TIME 2250 (W) 02/07/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 098 TIME 0104 (W) 02/08/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 099 TIME 0310 (W) 02/08/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 100 TIME 0500 (W) 02/08/74


SIGMA-T
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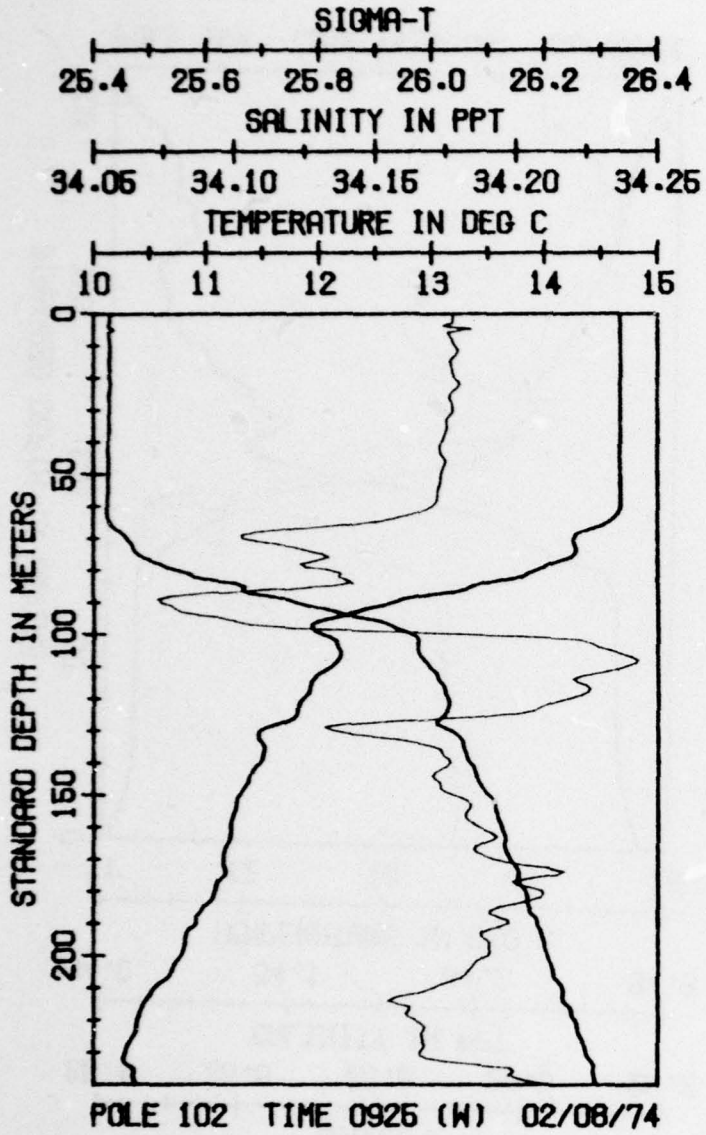
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 101 TIME 0648 (W) 02/08/74


SIGMA-T
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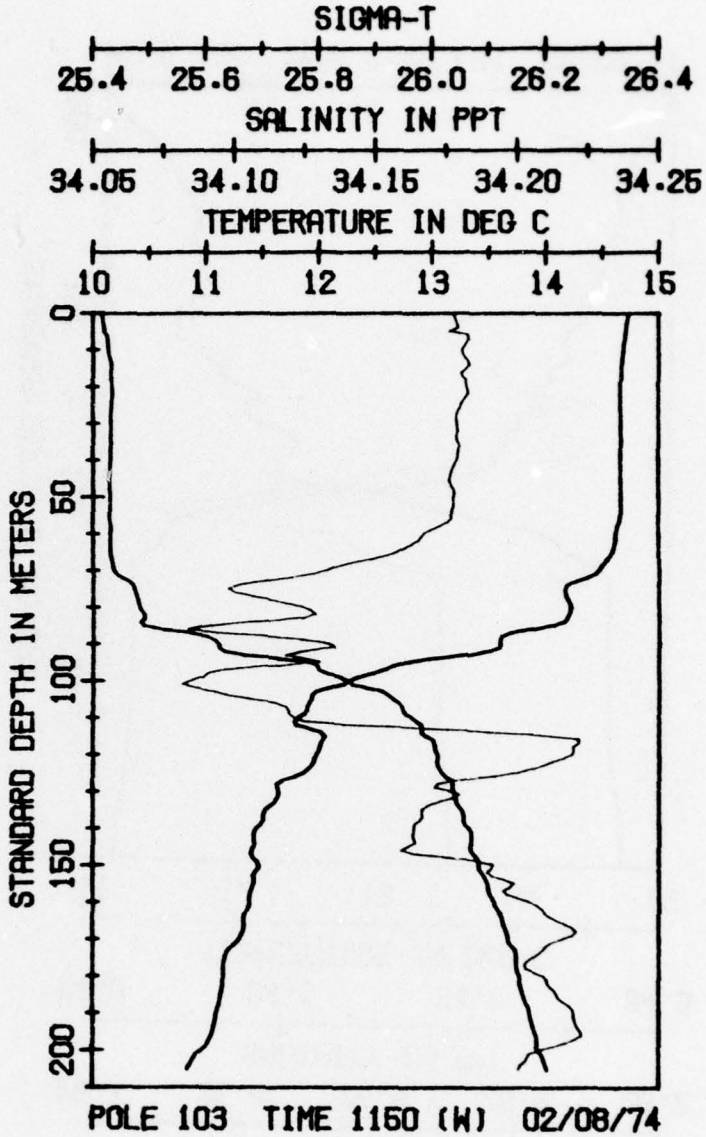
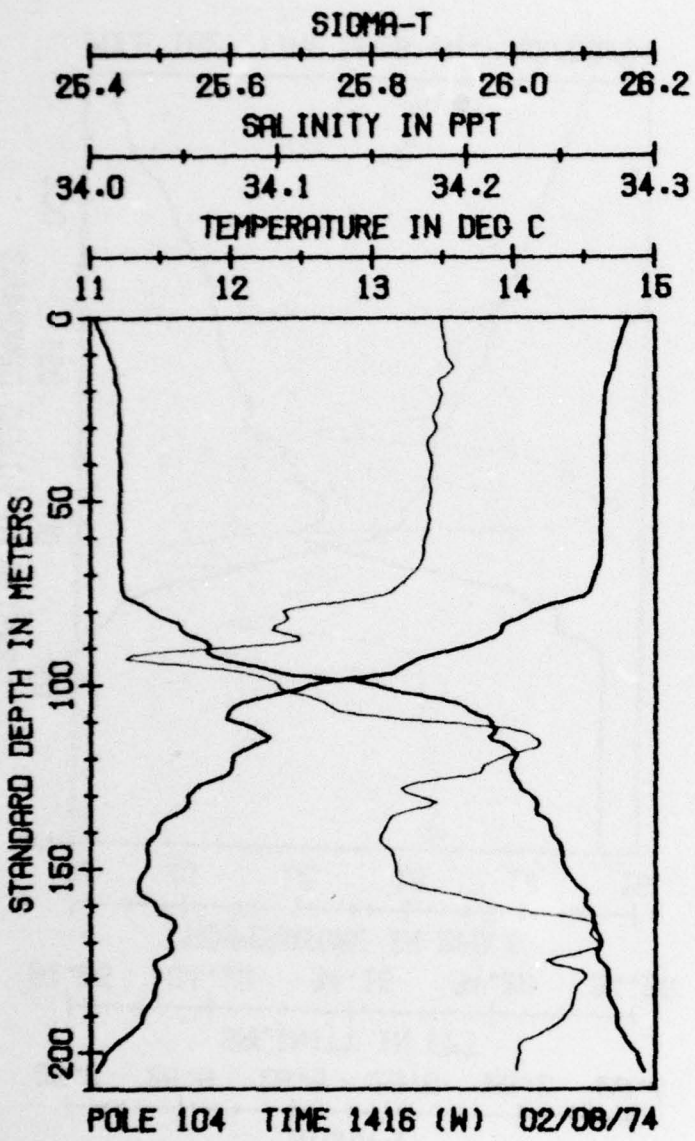
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 102 TIME 0925 (W) 02/08/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 103 TIME 1150 (W) 02/08/74


SIGMA-T
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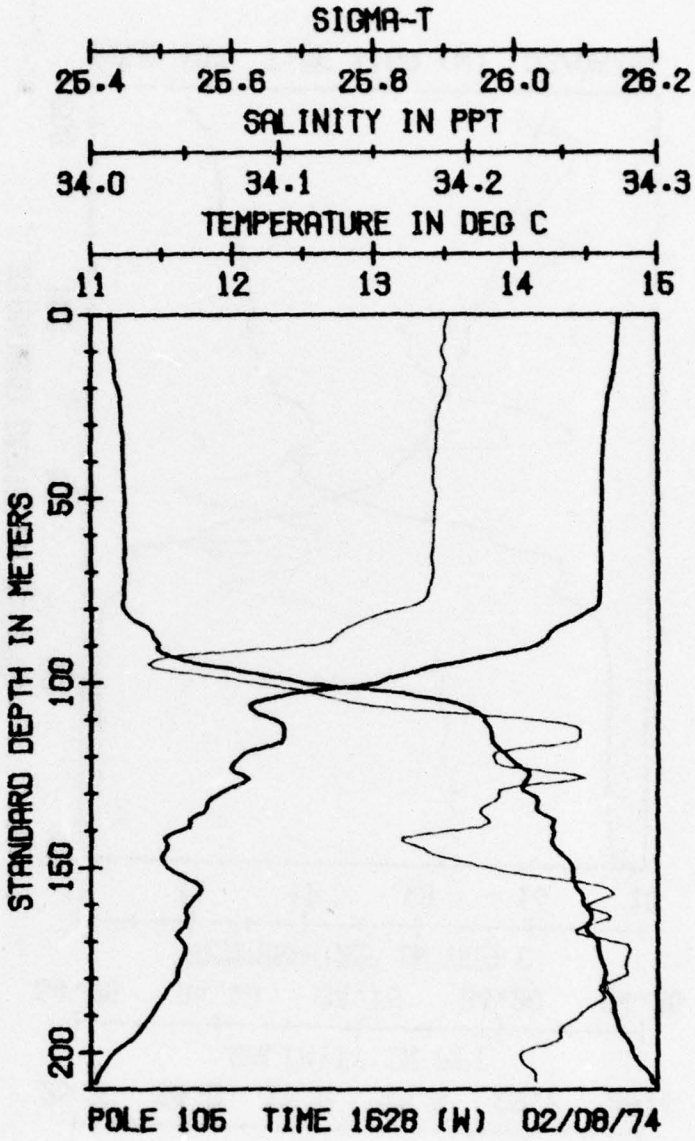
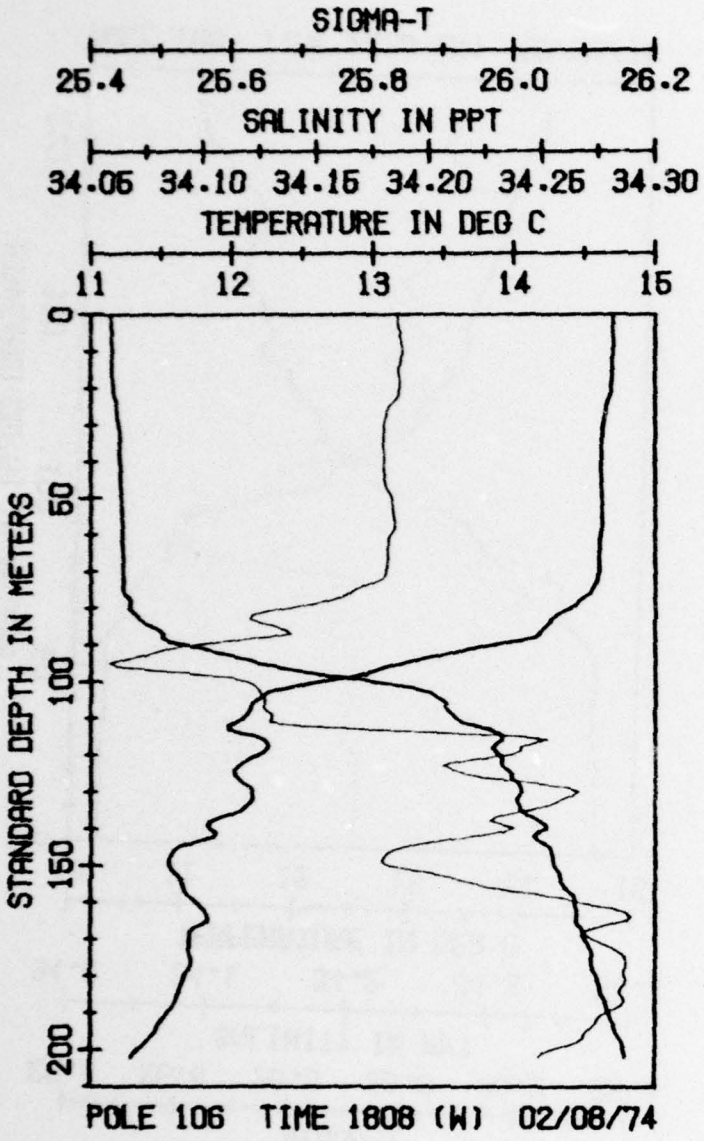
SALINITY IN PPT
34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 104 TIME 1416 (W) 02/08/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2
SALINITY IN PPT
34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 105 TIME 1628 (W) 02/08/74


SIGMA-T
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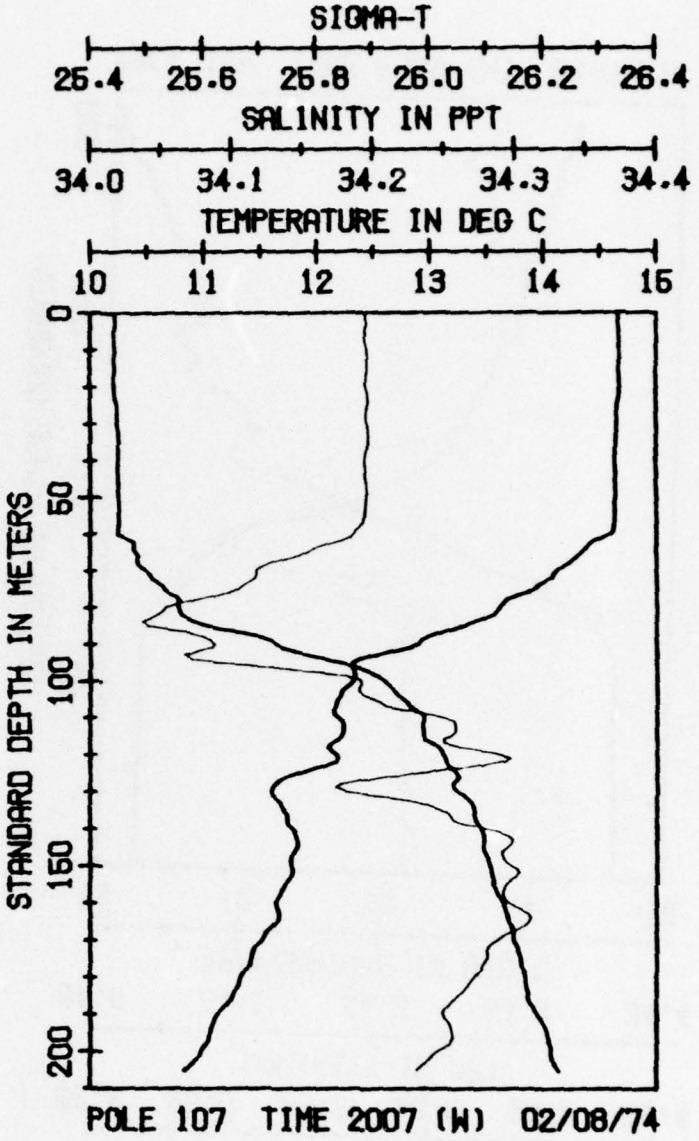
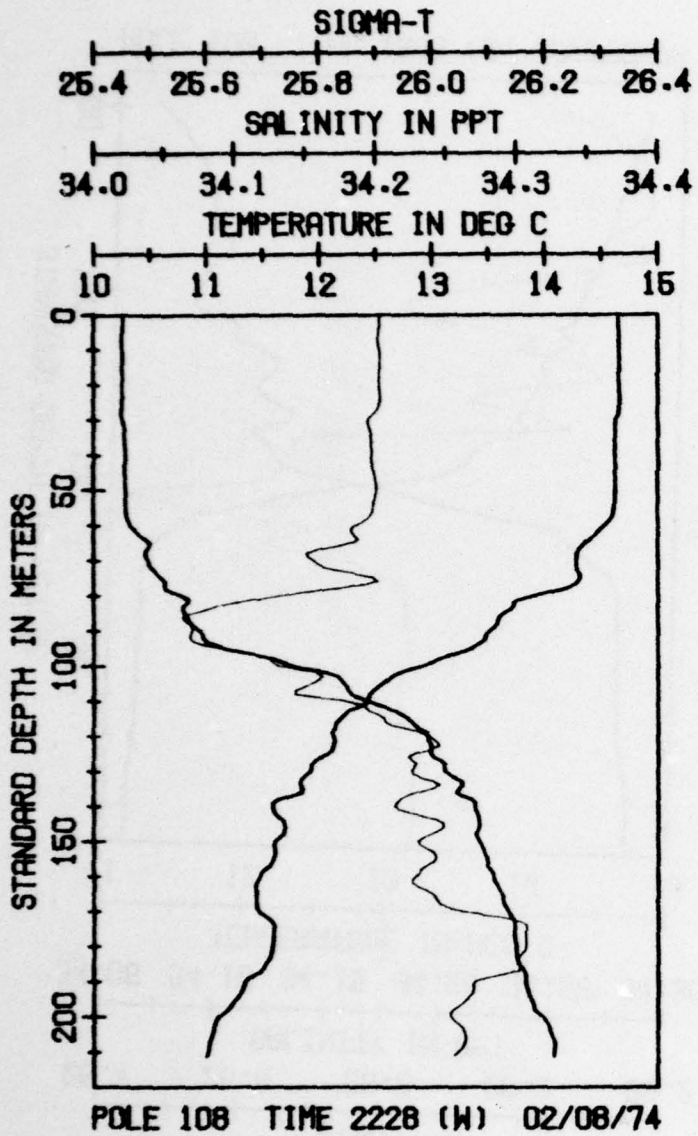
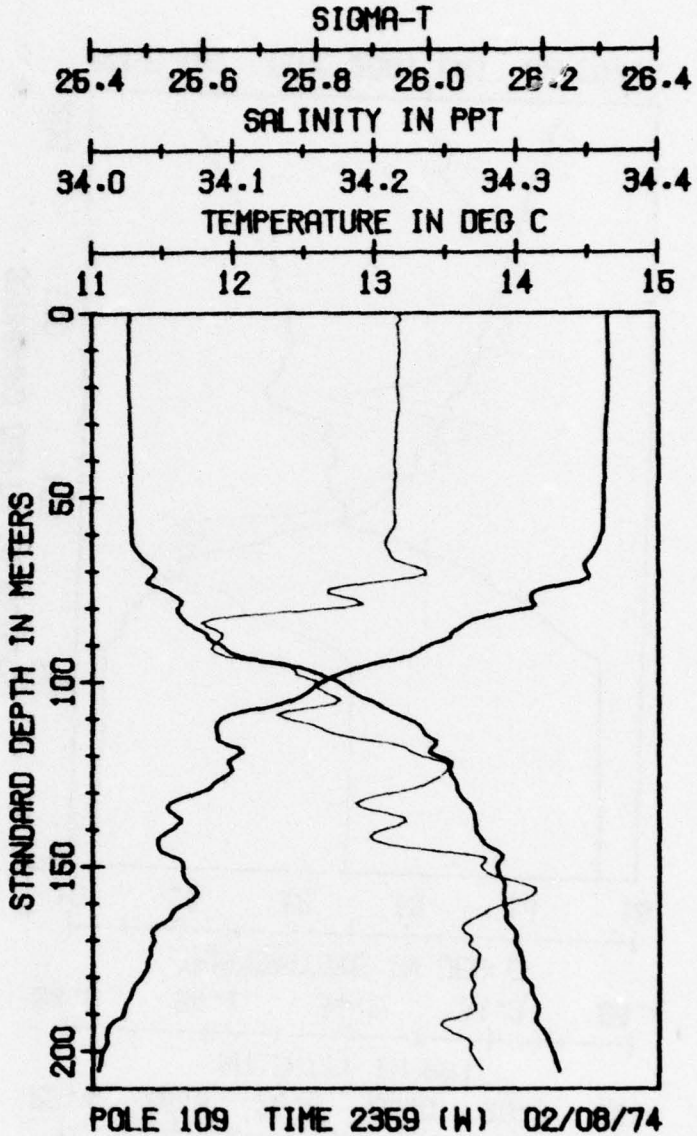
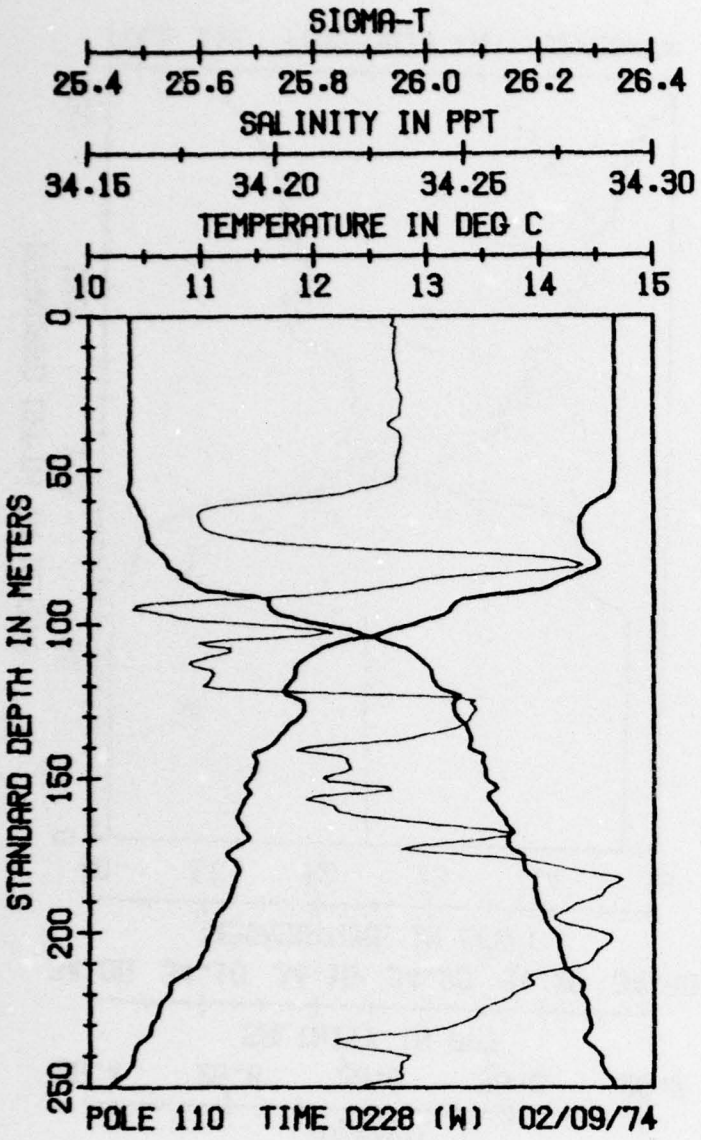
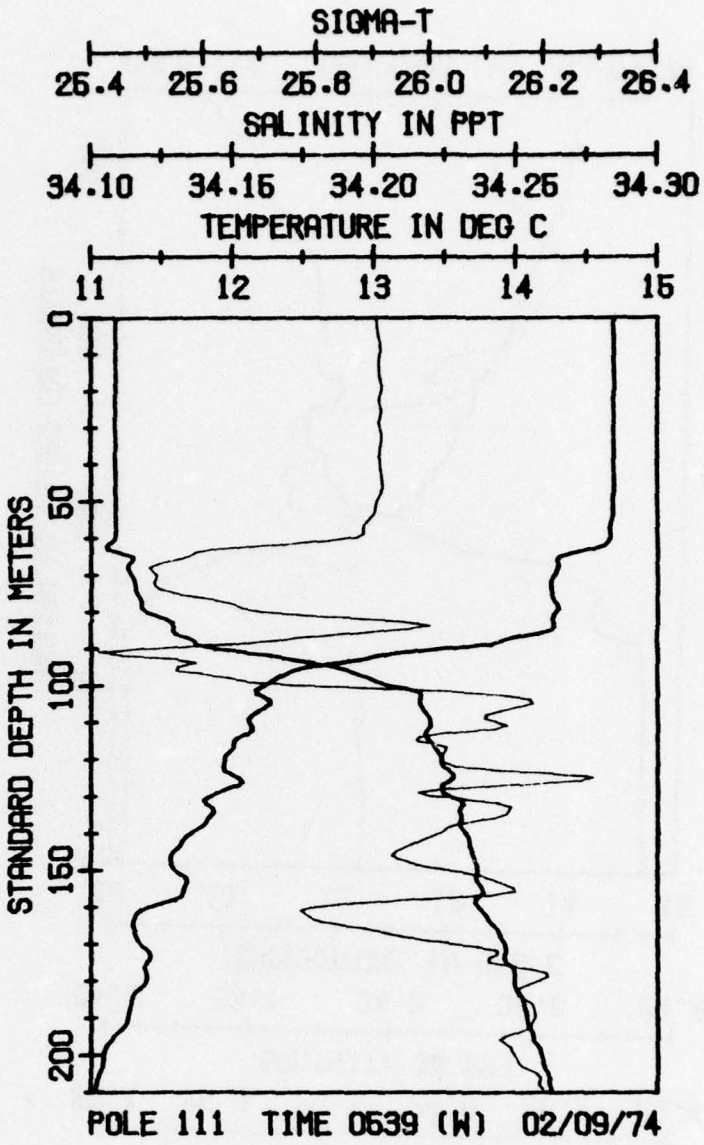
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 106 TIME 1808 (W) 02/08/74

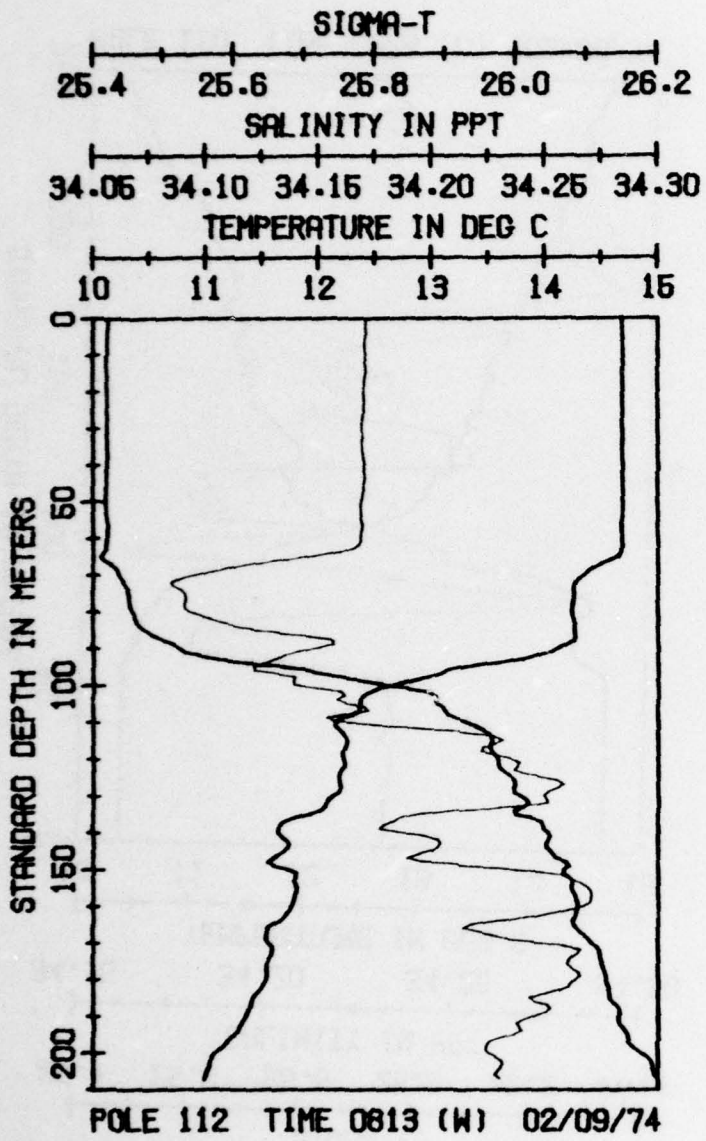

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 107 TIME 2007 (W) 02/08/74

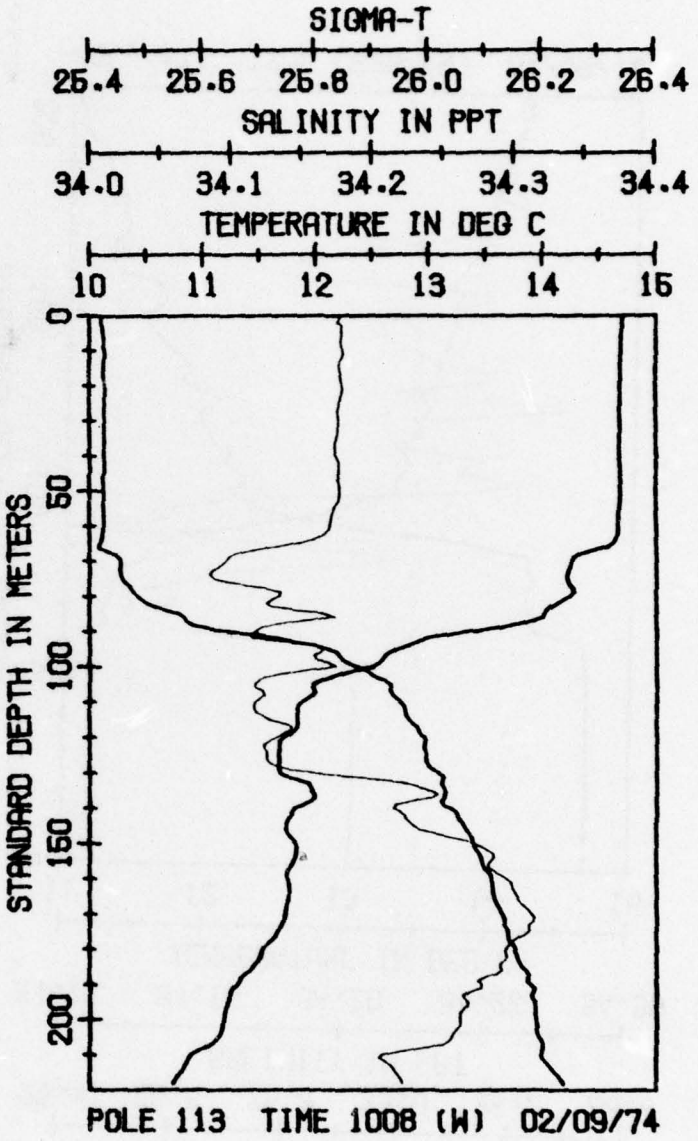

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 108 TIME 2228 (W) 02/08/74

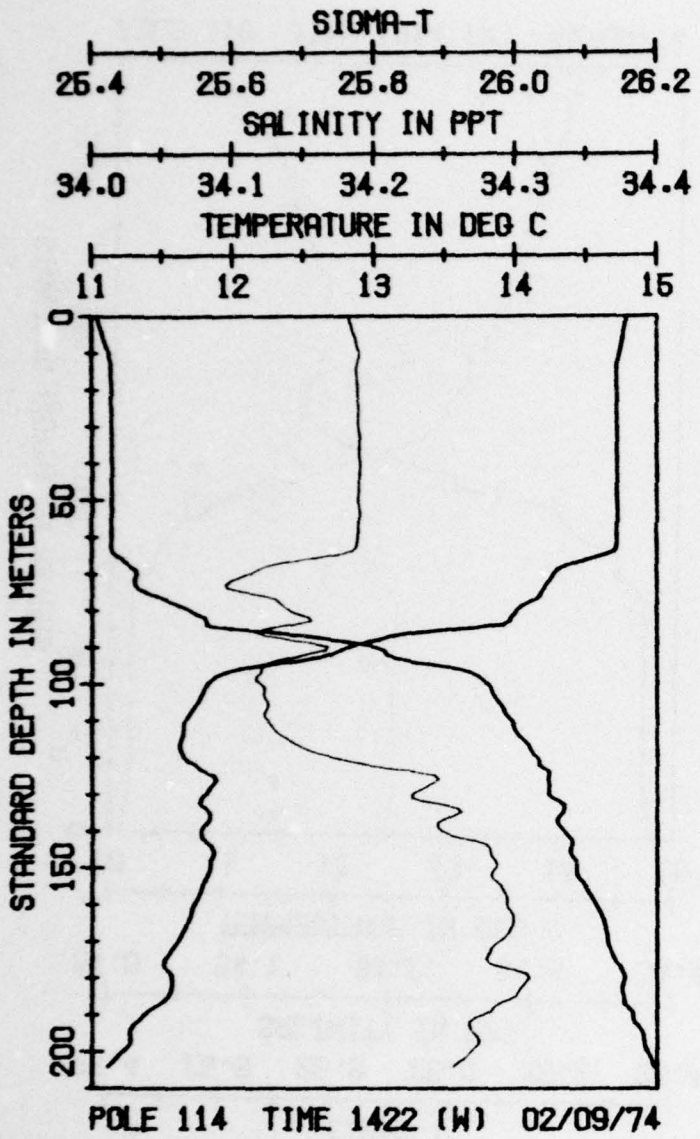

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 109 TIME 2359 (W) 02/08/74

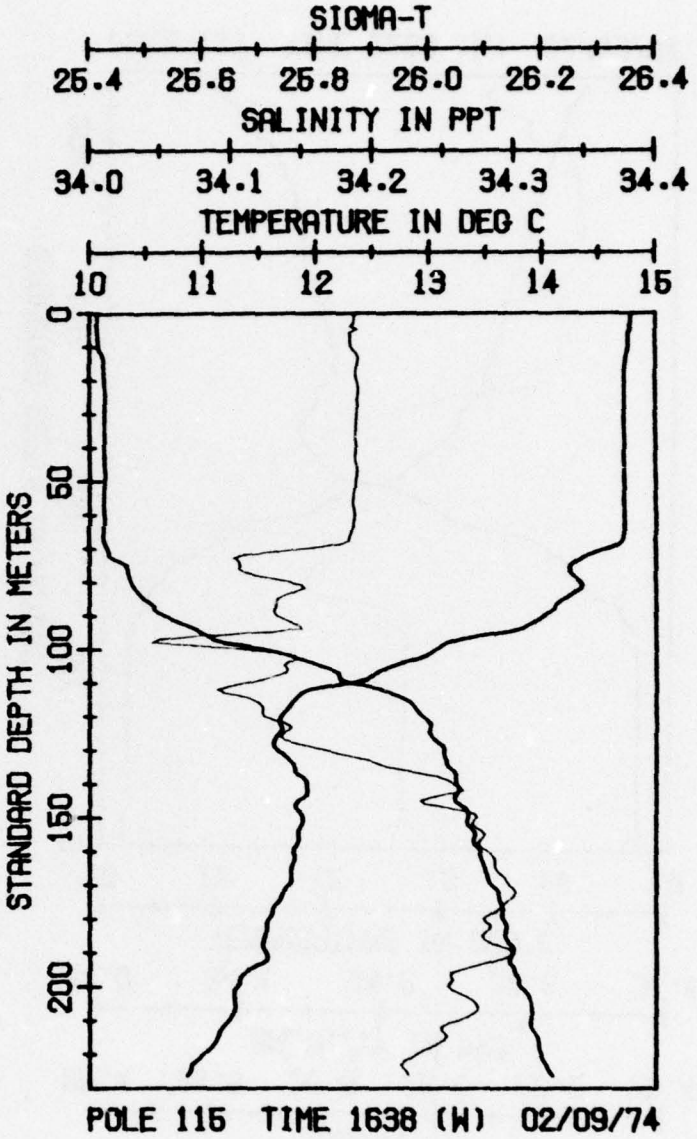

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 110 TIME 0228 (W) 02/09/74

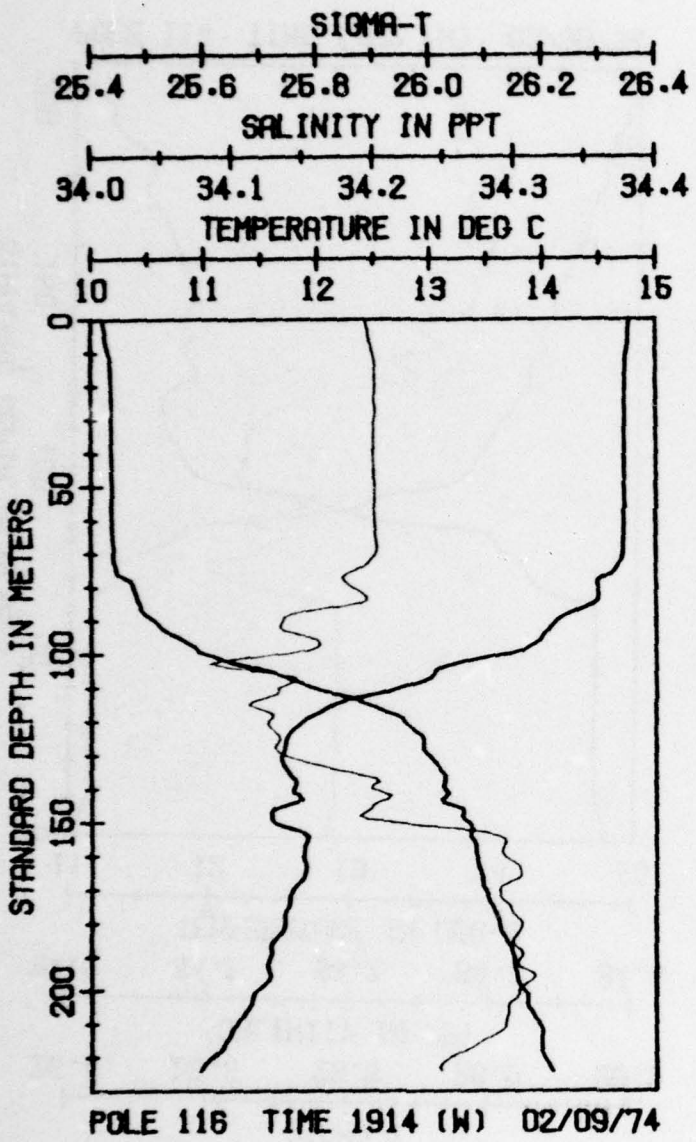

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 111 TIME 0539 (W) 02/09/74

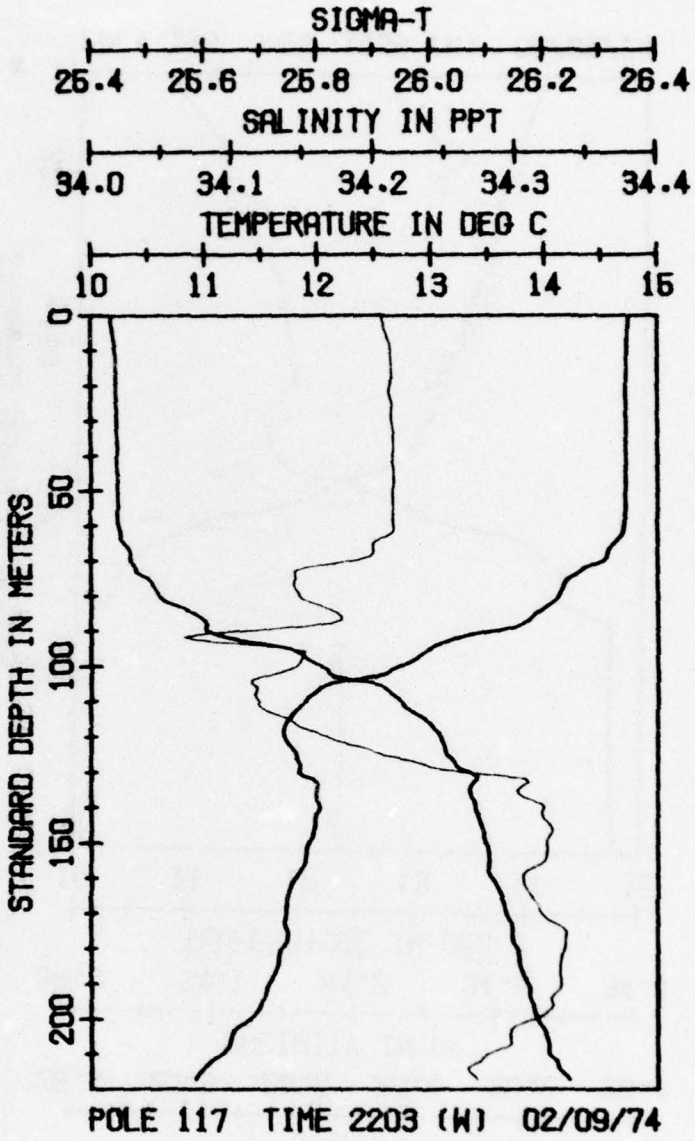

SIGMA-T
25.4 25.6 25.8 26.0 26.2
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 112 TIME 0813 (W) 02/09/74

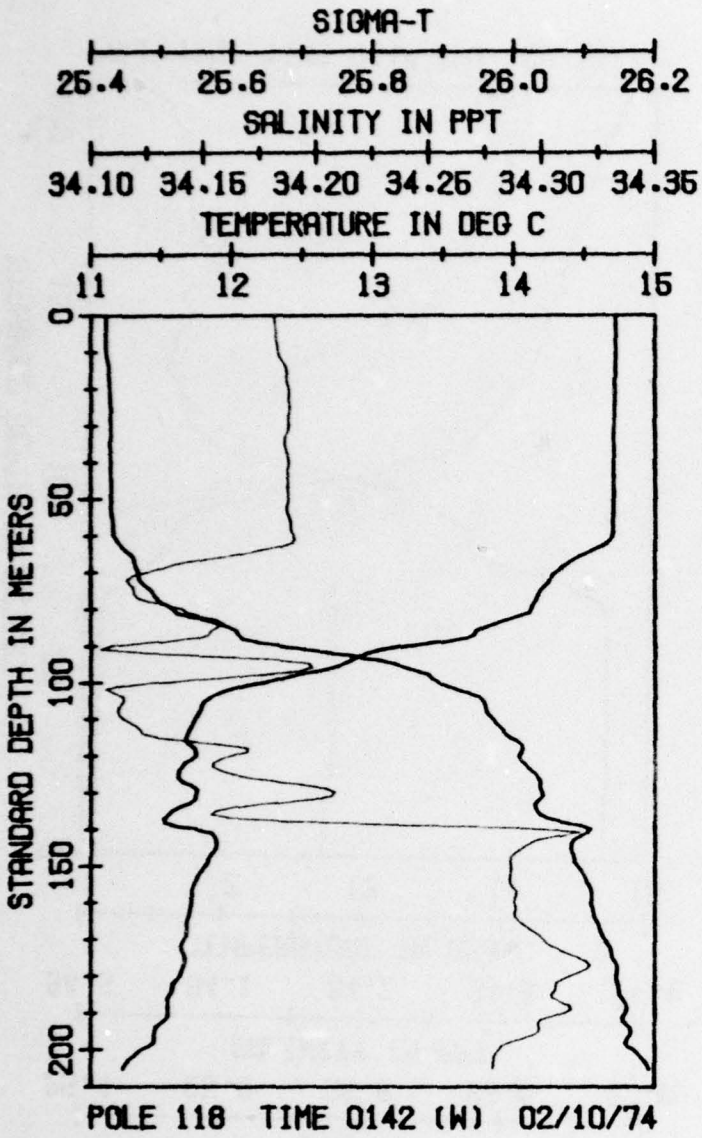

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 113 TIME 1008 (W) 02/09/74

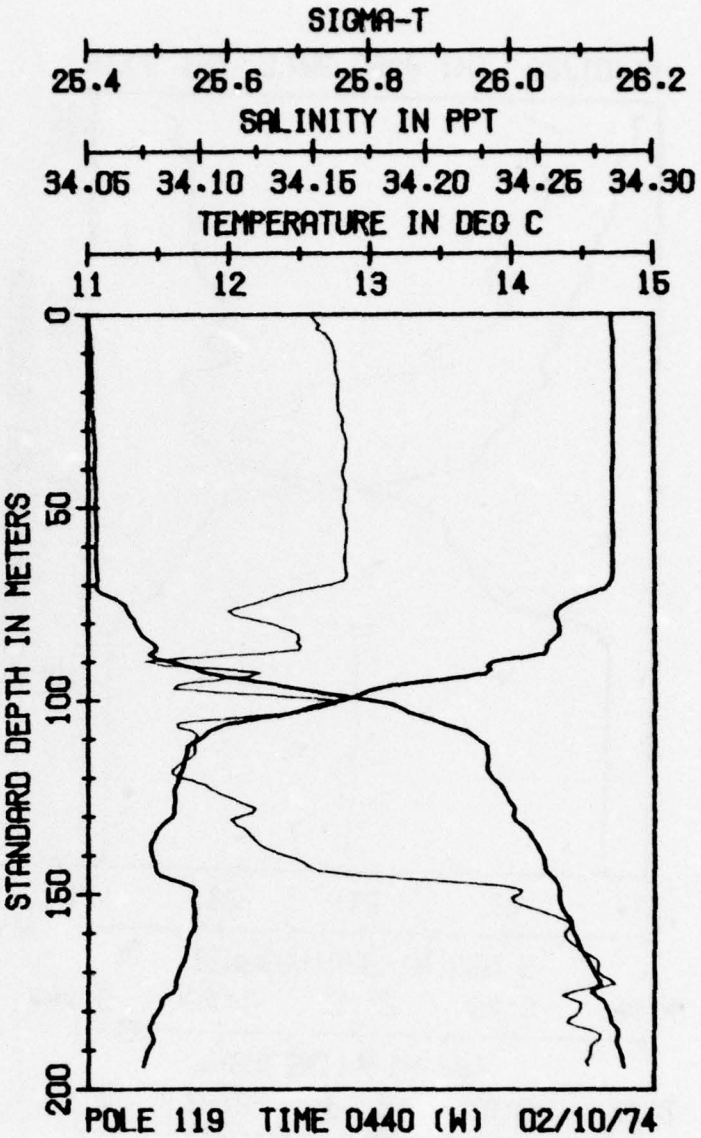

SIGMA-T
25.4 25.6 25.8 26.0 26.2
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 114 TIME 1422 (W) 02/09/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 115 TIME 1638 (W) 02/09/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 116 TIME 1914 (W) 02/09/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 117 TIME 2203 (W) 02/09/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2
SALINITY IN PPT
34.10 34.15 34.20 34.25 34.30 34.35
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 118 TIME 0142 (W) 02/10/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2
SALINITY IN PPT
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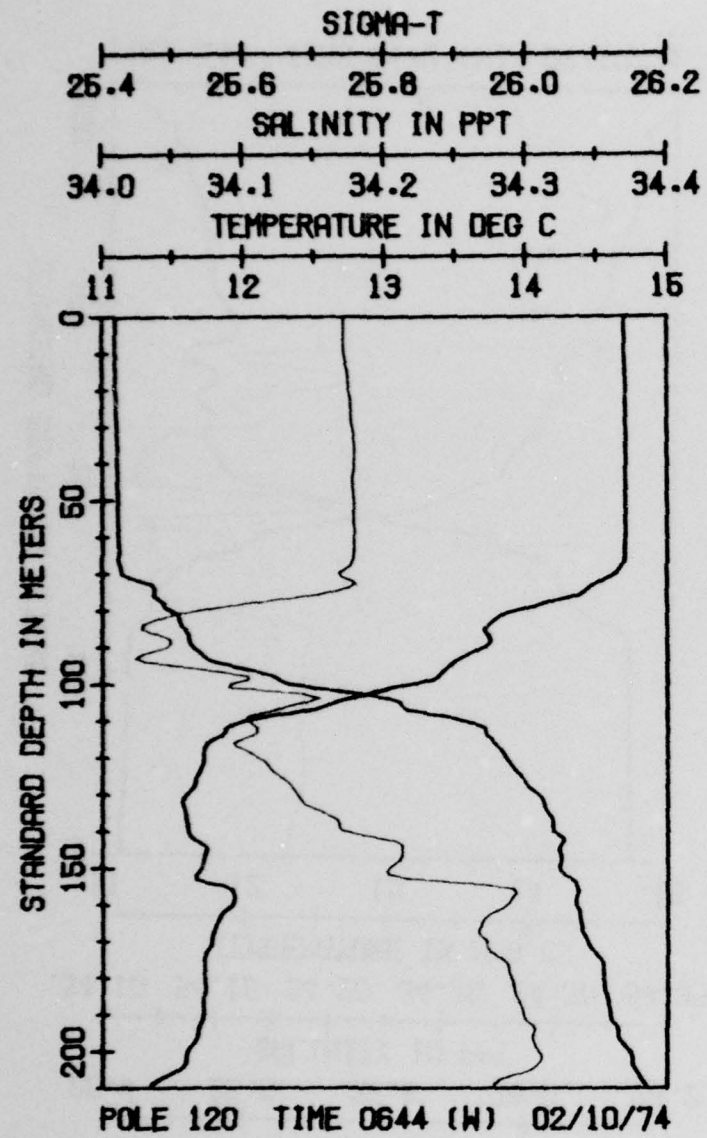
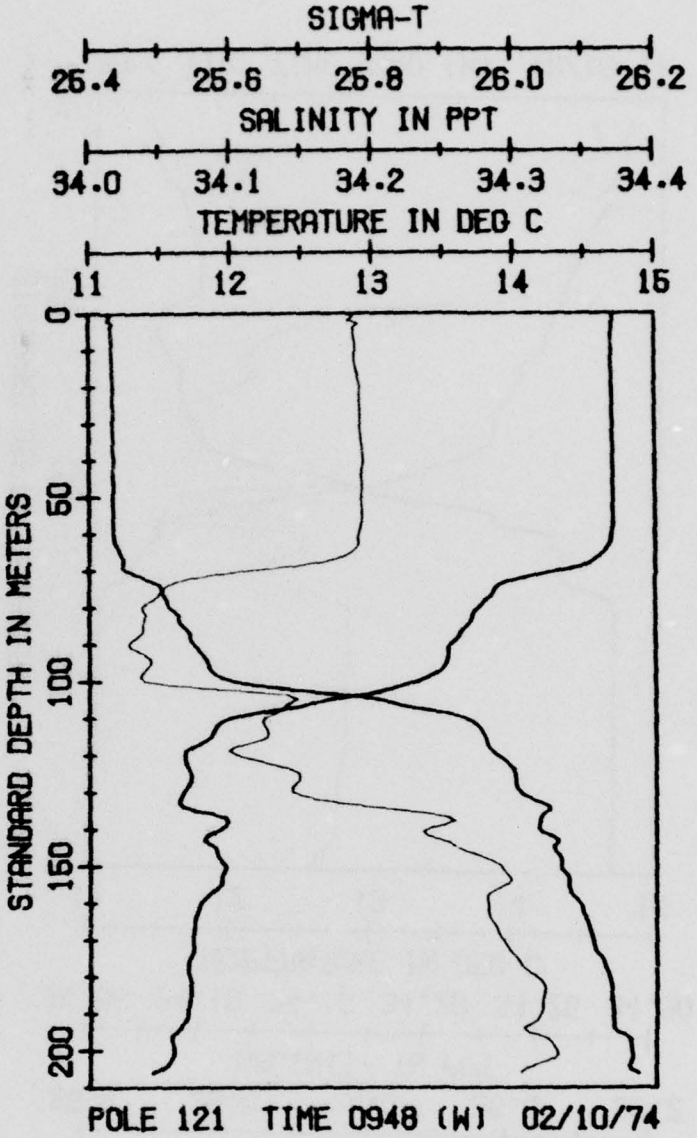
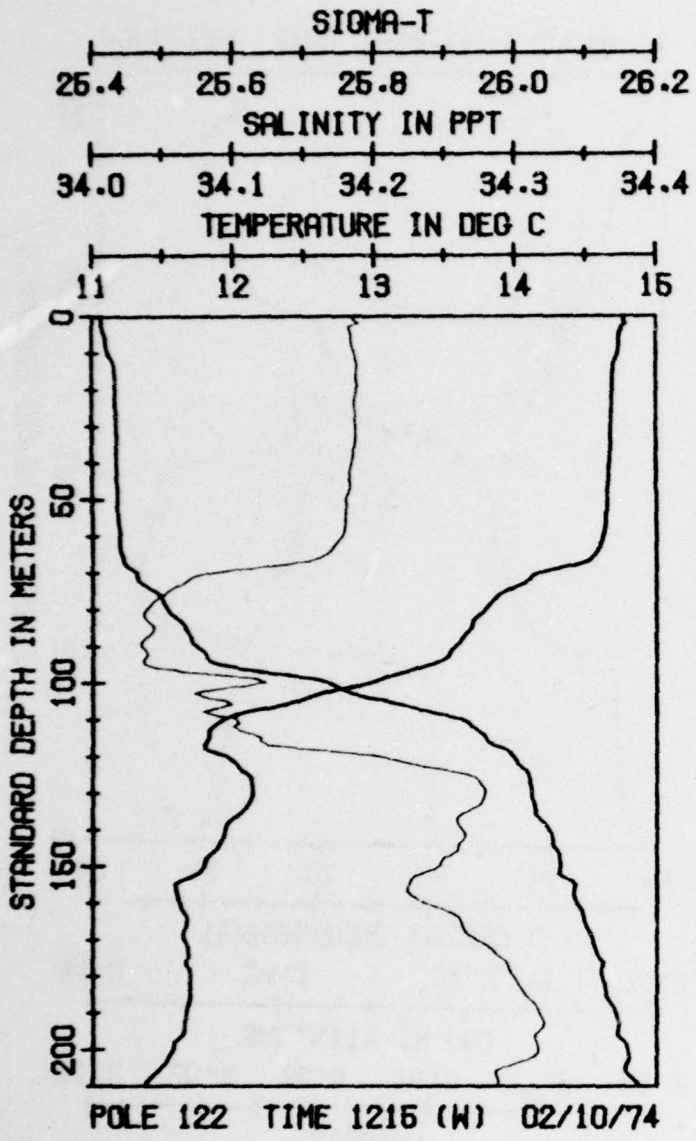
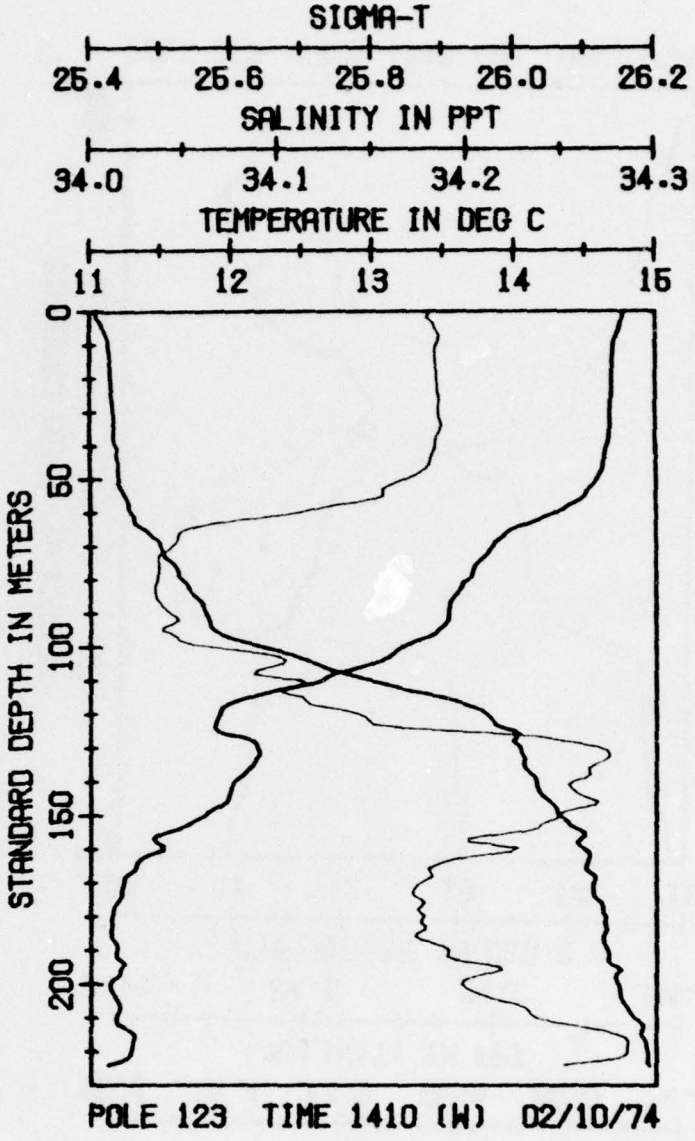
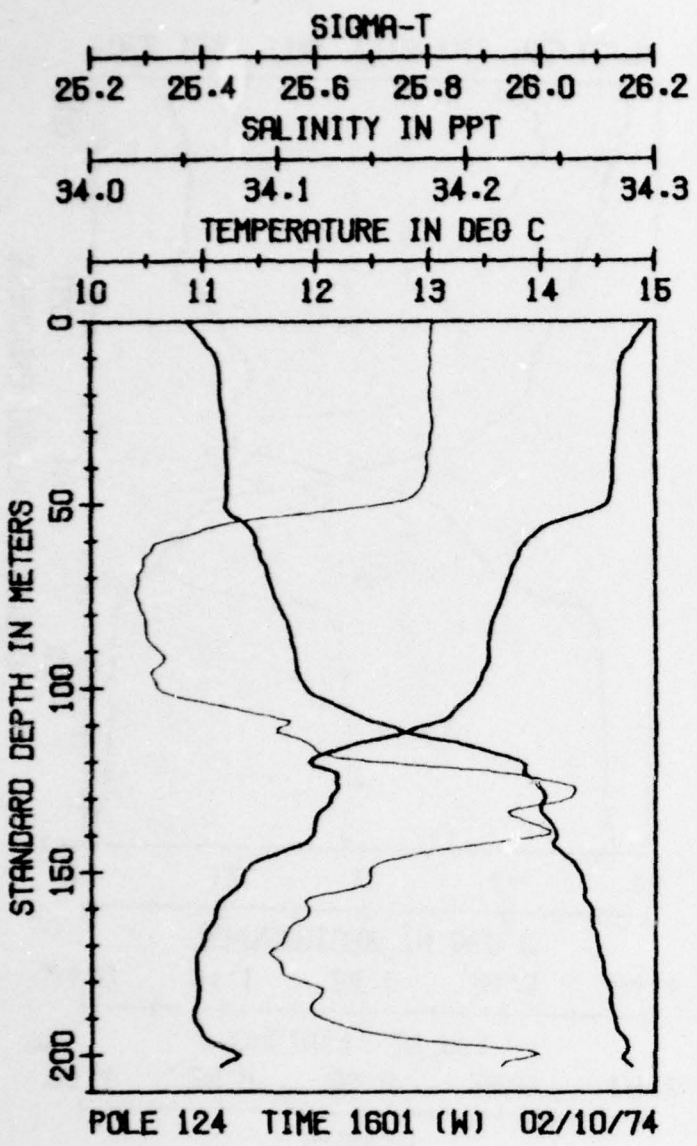
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 119 TIME 0440 (W) 02/10/74

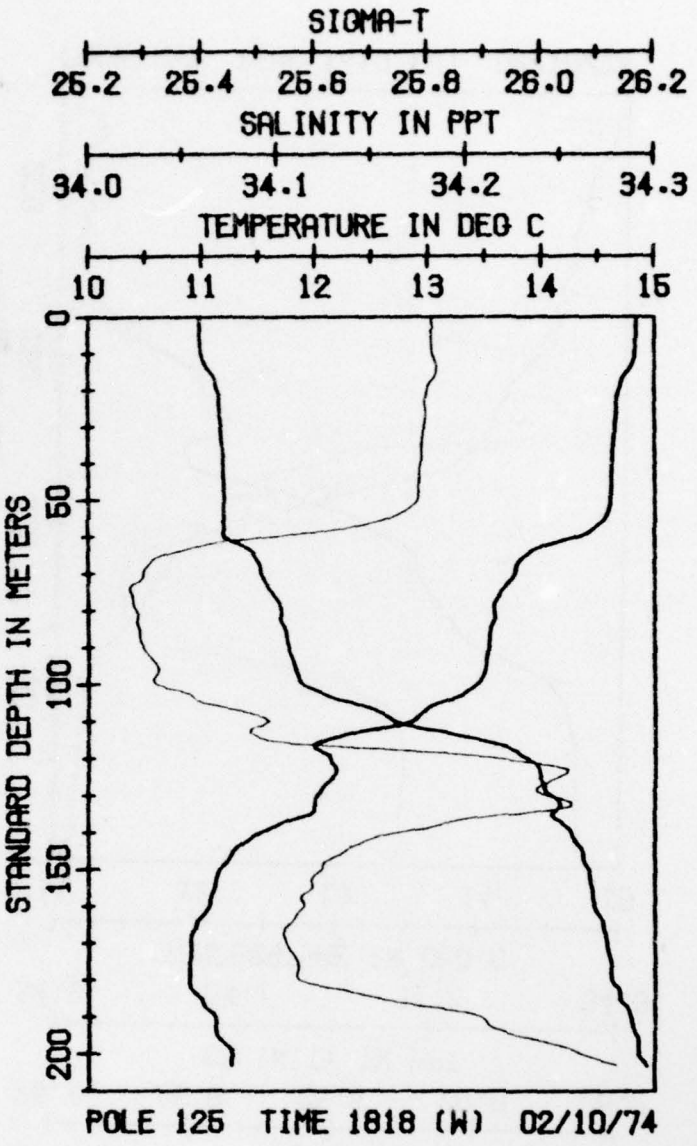

SIGMA-T
25.4 25.6 25.8 26.0 26.2
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 120 TIME 0644 (W) 02/10/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 121 TIME 0948 (W) 02/10/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 122 TIME 1215 (W) 02/10/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2
SALINITY IN PPT
34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 123 TIME 1410 (W) 02/10/74


SIGMA-T
25.2 25.4 25.6 25.8 26.0 26.2
SALINITY IN PPT
34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 124 TIME 1601 (W) 02/10/74


SIGMA-T
25.2 25.4 25.6 25.8 26.0 26.2
SALINITY IN PPT
34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 125 TIME 1818 (W) 02/10/74

AD-A048 581 OREGON STATE UNIV CORVALLIS SCHOOL OF OCEANOGRAPHY F/G 8/10
MIXED LAYER OBSERVATIONS DURING THE NORPAX POLE EXPERIMENT.(U)
AUG 77 J J SIMPSON, C A PAULSON N00014-67-A-0369-0007
UNCLASSIFIED DATA-66 NL

2 OF 2
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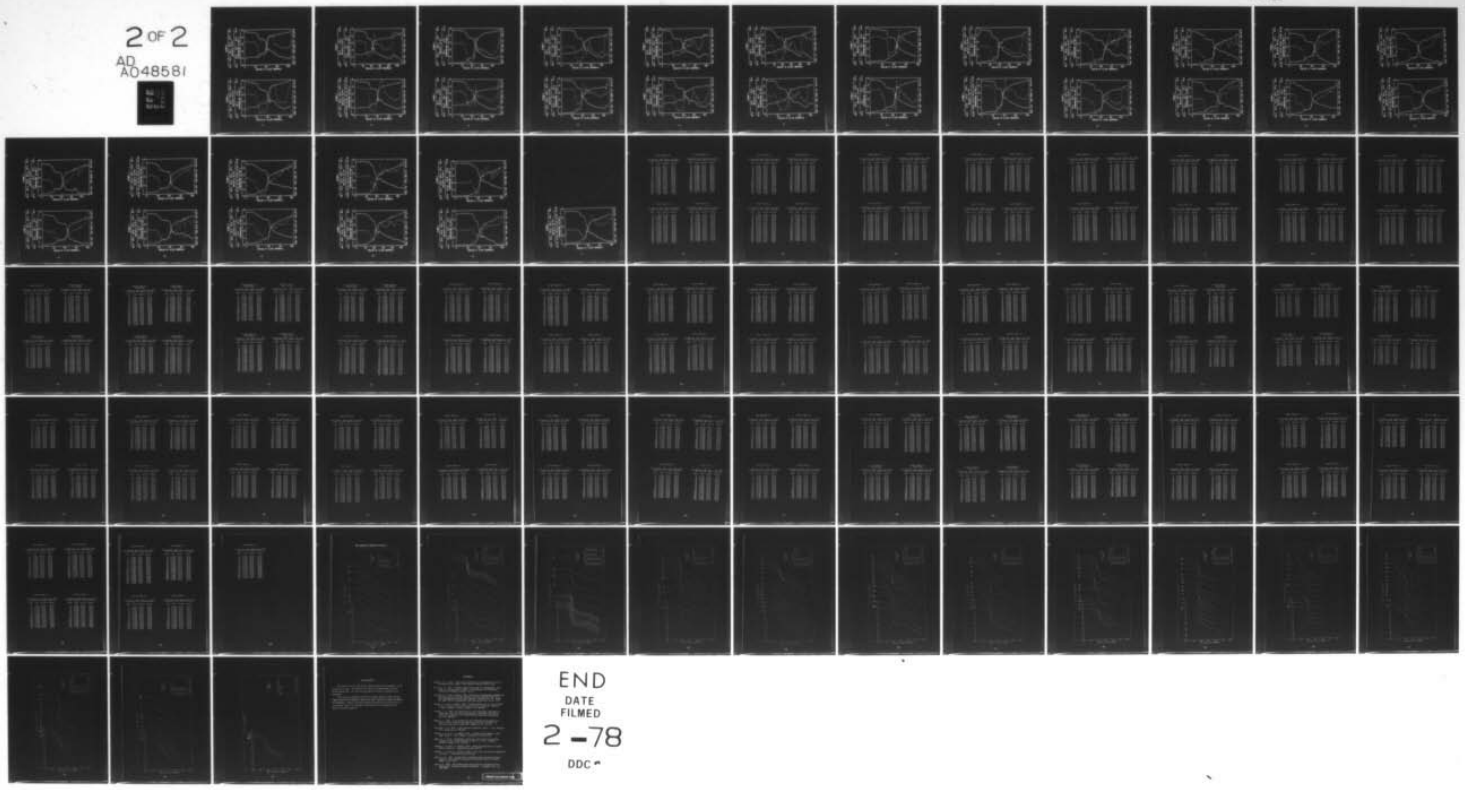
AD48581



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2-78
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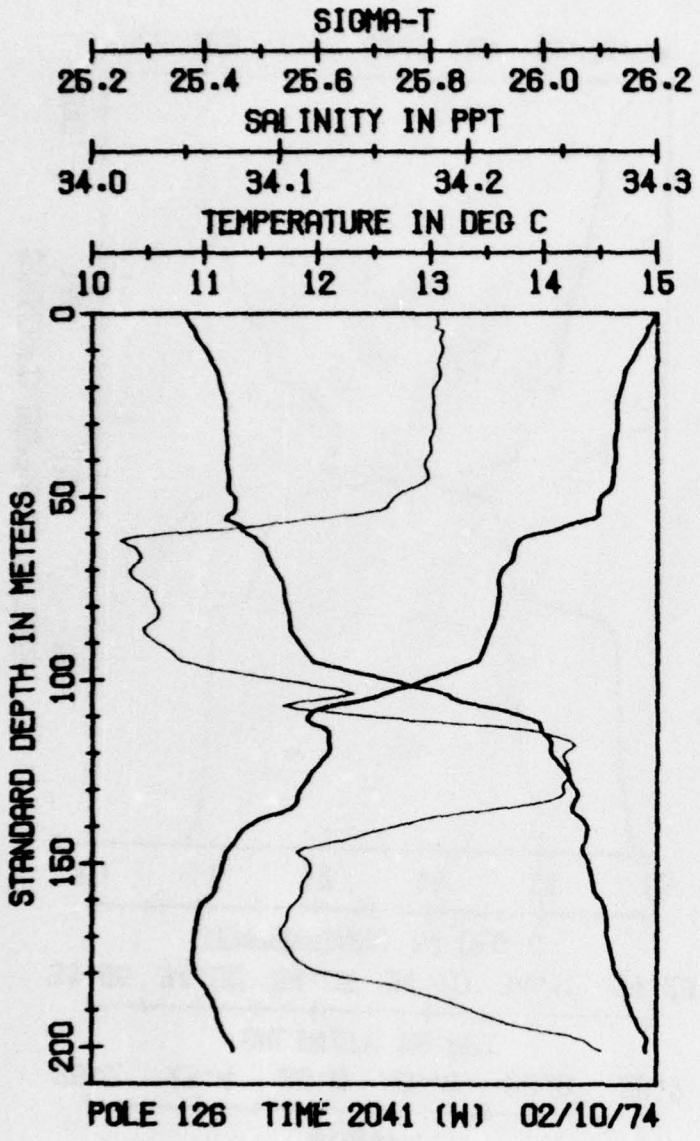
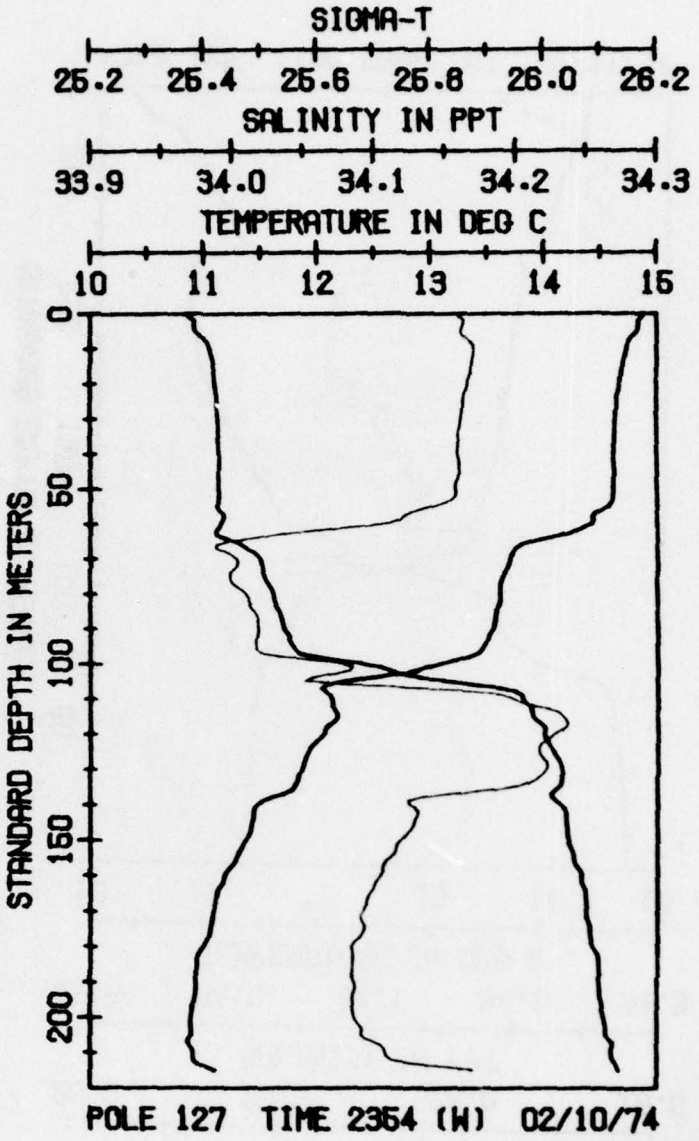

SIGMA-T
25.2 25.4 25.6 25.8 26.0 26.2
SALINITY IN PPT
34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 126 TIME 2041 (W) 02/10/74


SIGMA-T
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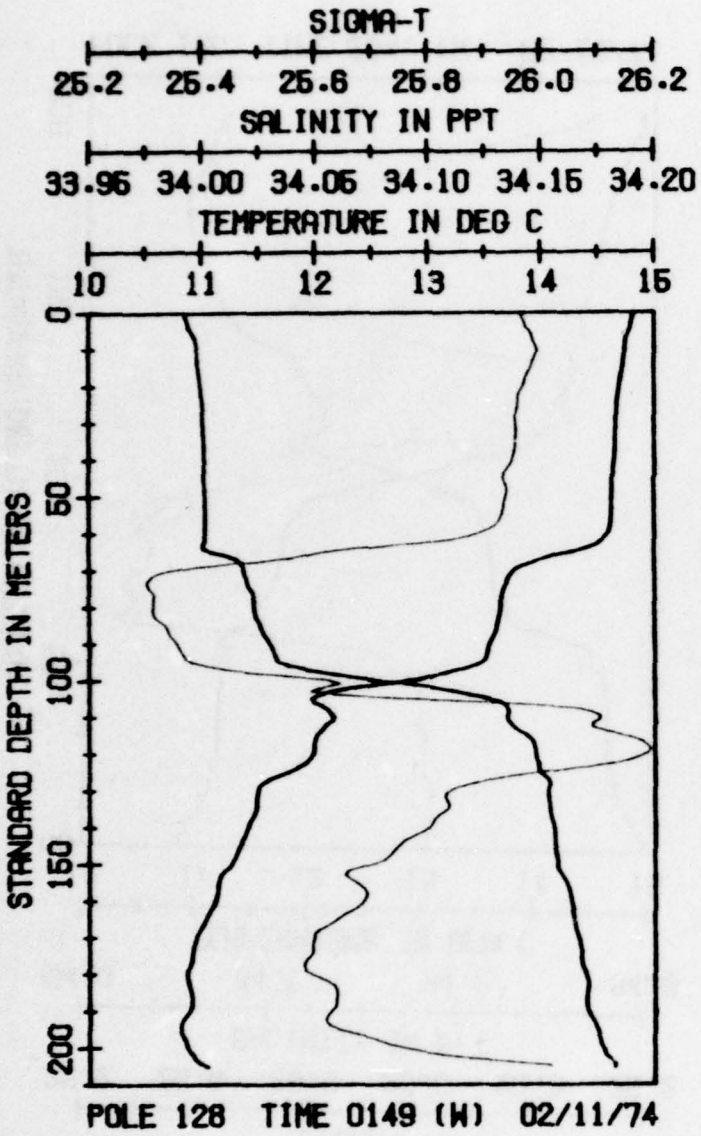
SALINITY IN PPT
33.9 34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 127 TIME 2354 (W) 02/10/74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SALINITY IN PPT
33.95 34.00 34.05 34.10 34.15 34.20
TEMPERATURE IN DEG C
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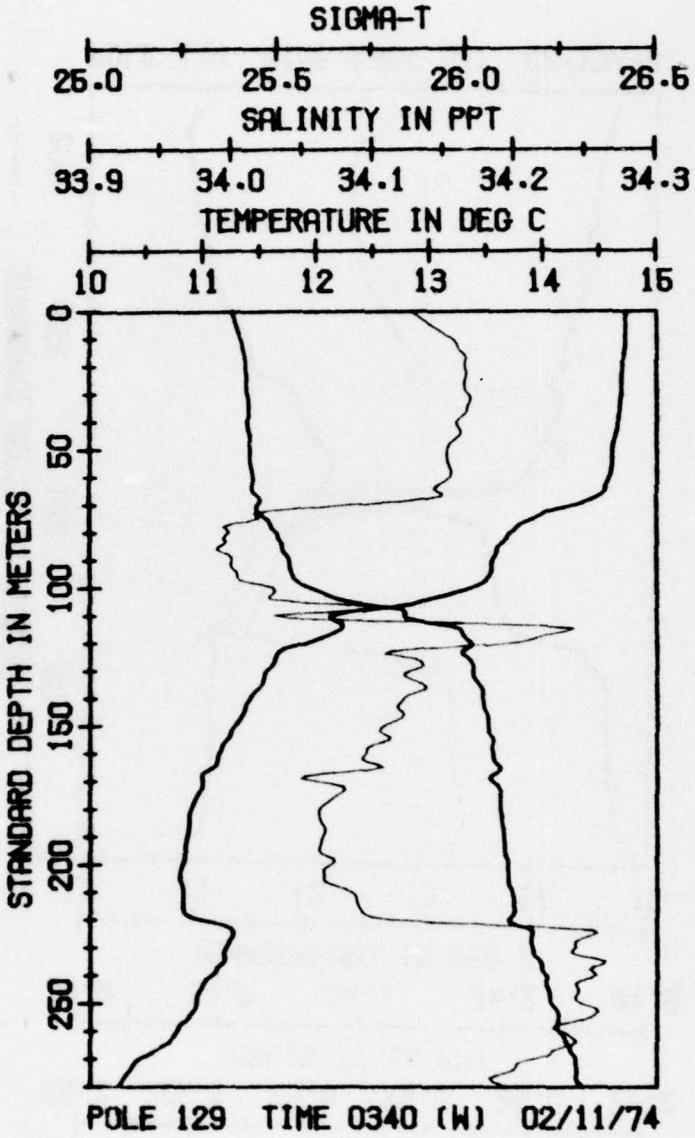
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 128 TIME 0149 (W) 02/11/74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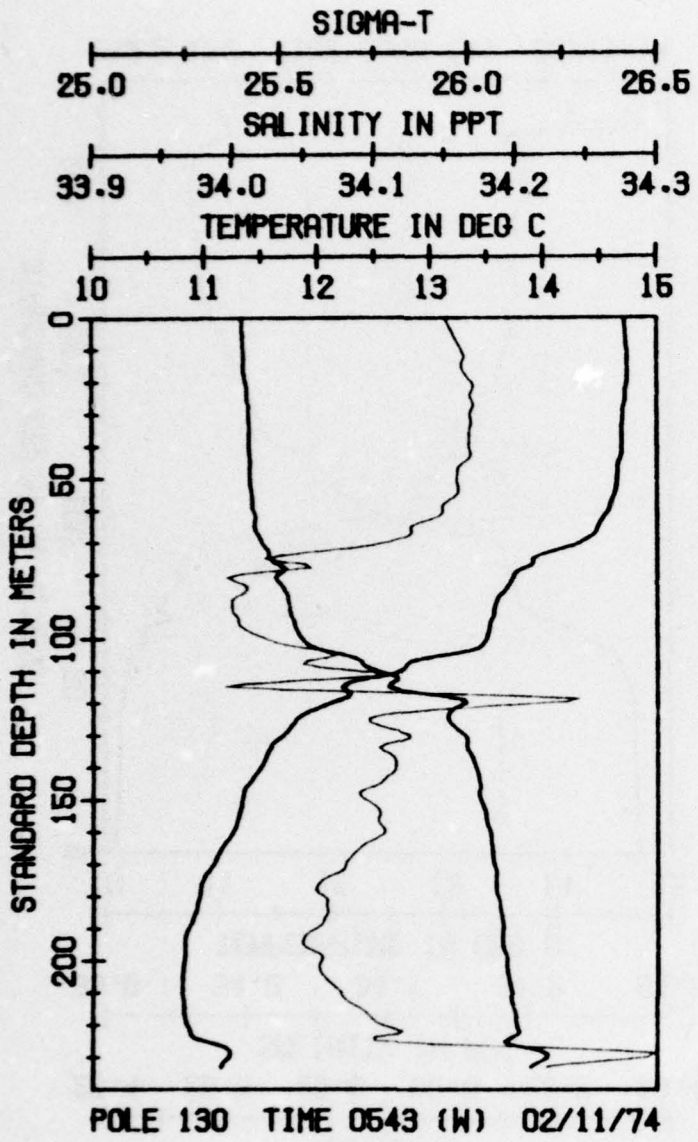
SALINITY IN PPT
33.9 34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 129 TIME 0340 (W) 02/11/74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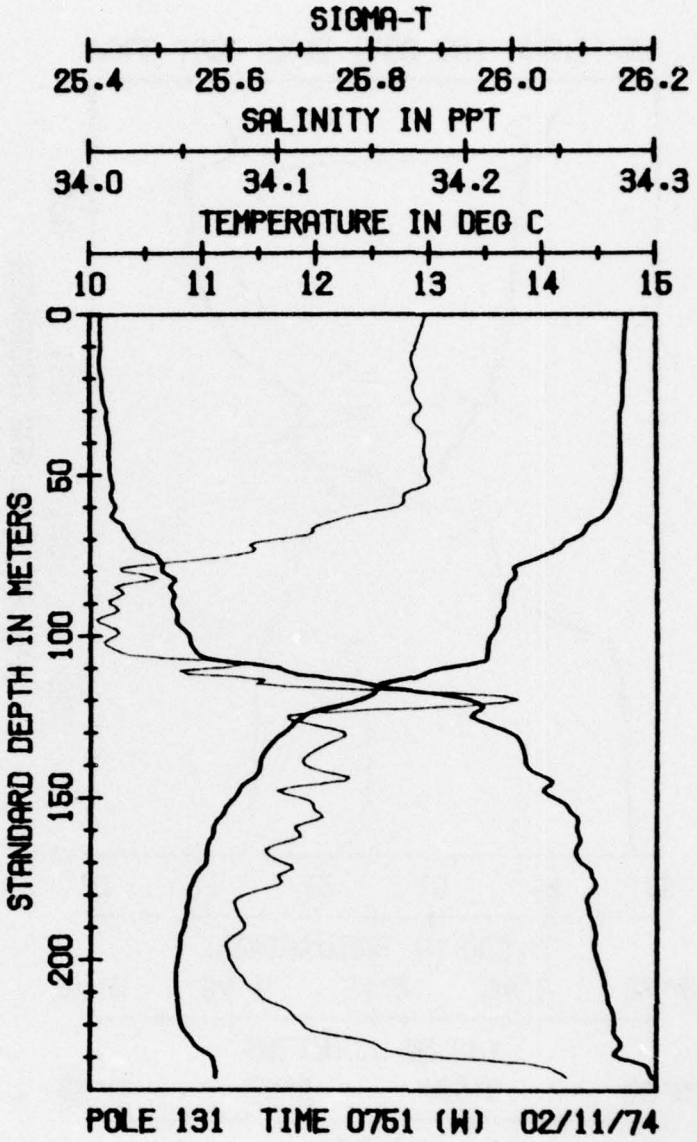
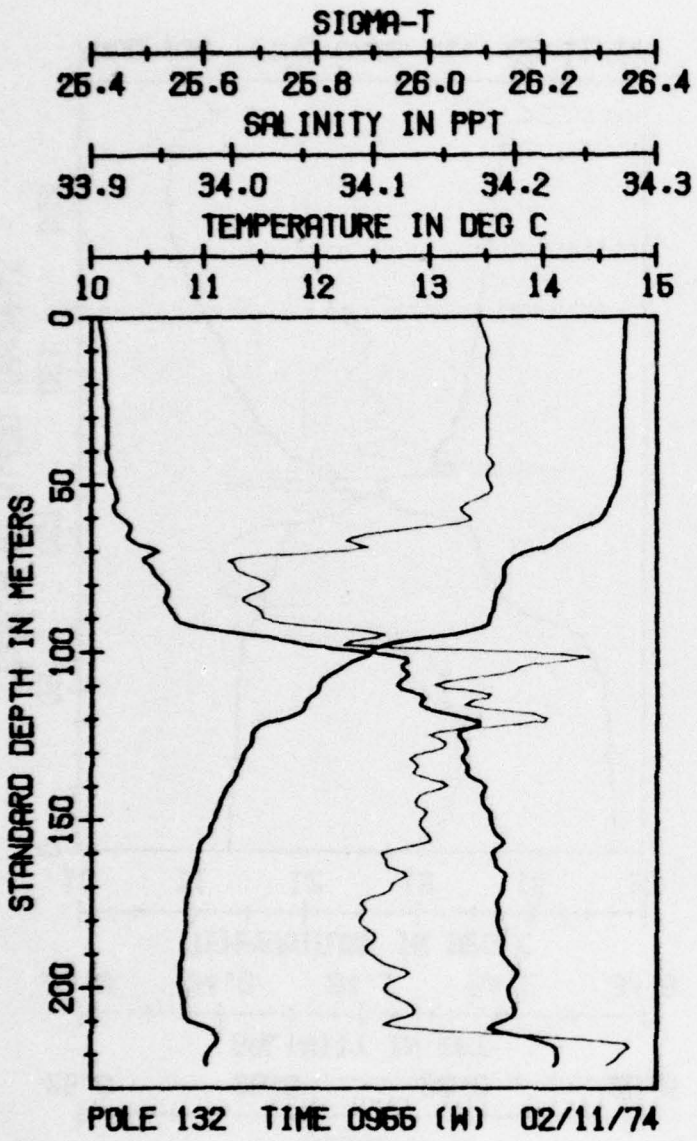
25.0
25.5
26.0
26.5
SALINITY IN PPT
33.9
34.0
34.1
34.2
34.3
TEMPERATURE IN DEG C
10
11
12
13
14
15
STANDARD DEPTH IN METERS
0
50
100
150
200
POLE 130 TIME 0543 (W) 02/11/74


SIGMA-T
25.4
25.6
25.8
26.0
26.2
SALINITY IN PPT
34.0
34.1
34.2
34.3
TEMPERATURE IN DEG C
10
11
12
13
14
15
STANDARD DEPTH IN METERS
0
50
100
150
200
POLE 131 TIME 0751 (W) 02/11/74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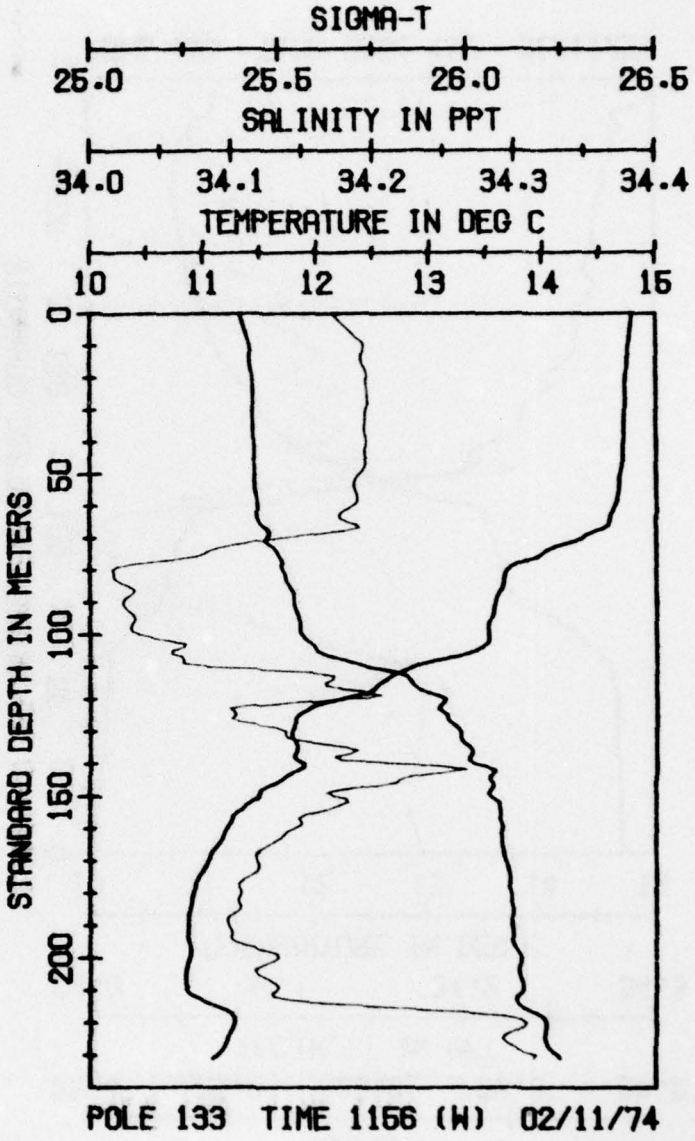
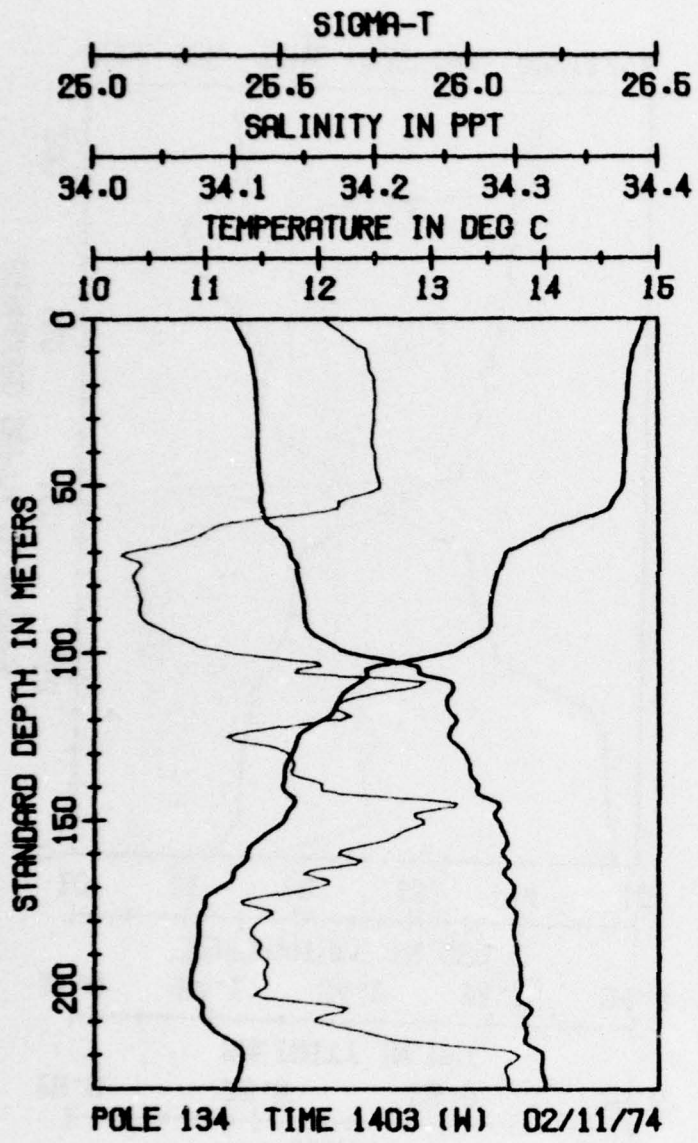
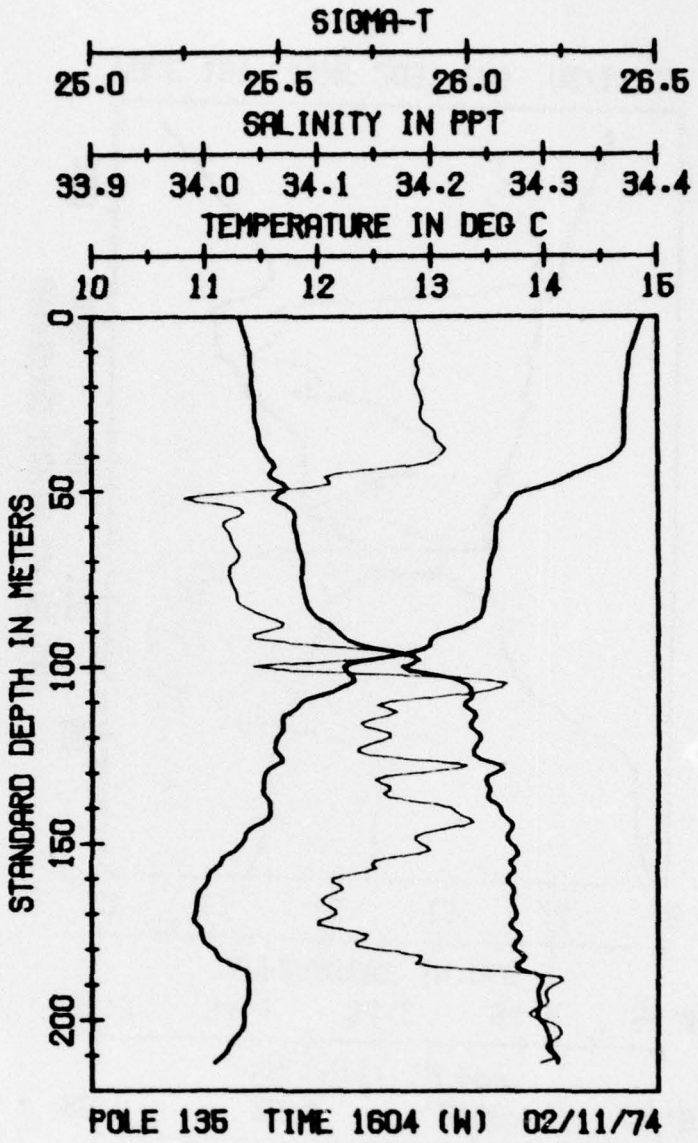
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
33.9 34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 132 TIME 0955 (W) 02/11/74


SIGMA-T
25.0 25.5 26.0 26.5
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 133 TIME 1156 (W) 02/11/74


SIGMA-T
25.0
25.5
26.0
26.5
SALINITY IN PPT
34.0
34.1
34.2
34.3
34.4
TEMPERATURE IN DEG C
10
11
12
13
14
15
STANDARD DEPTH IN METERS
0
50
100
150
200
POLE 134 TIME 1403 (H) 02/11/74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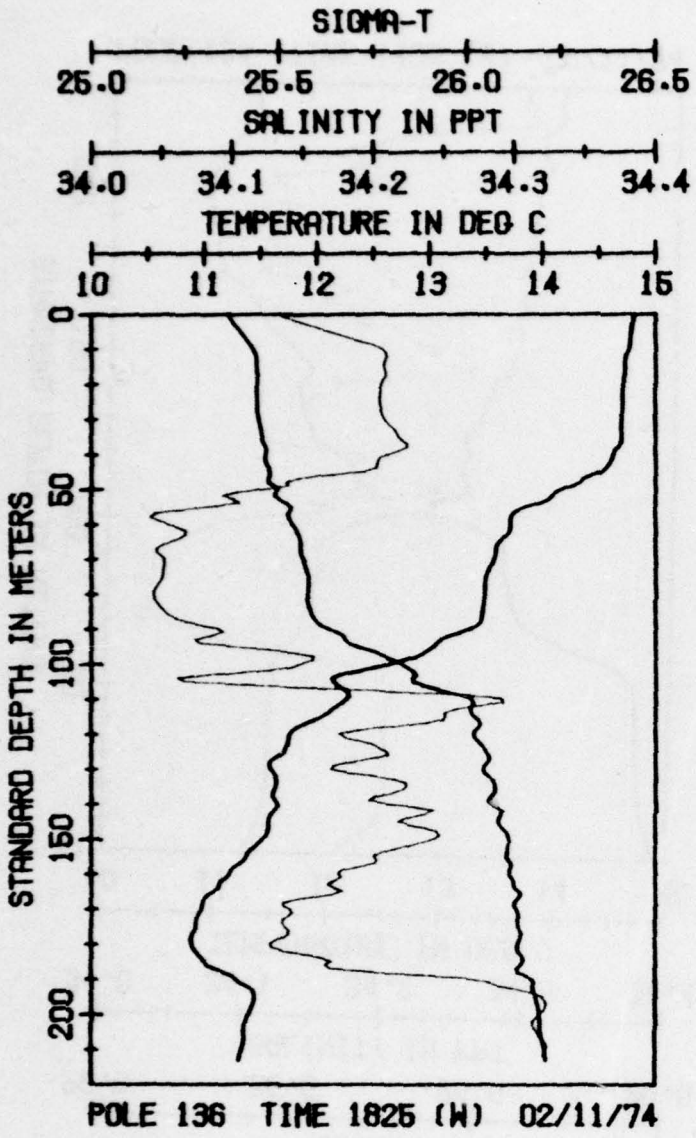
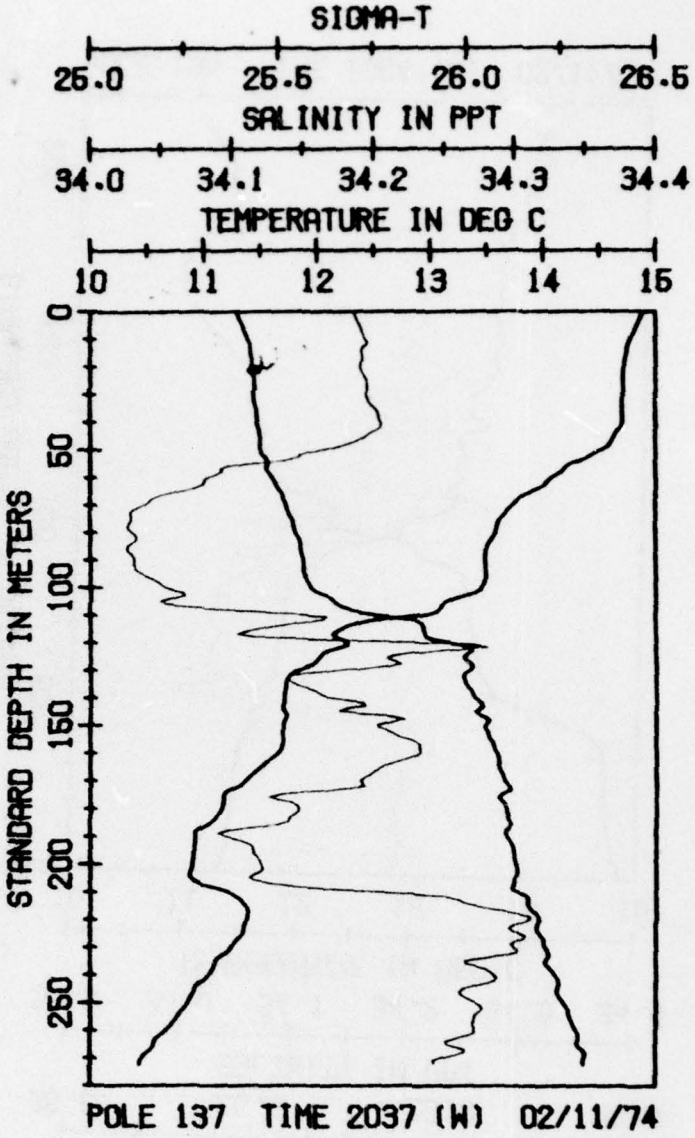
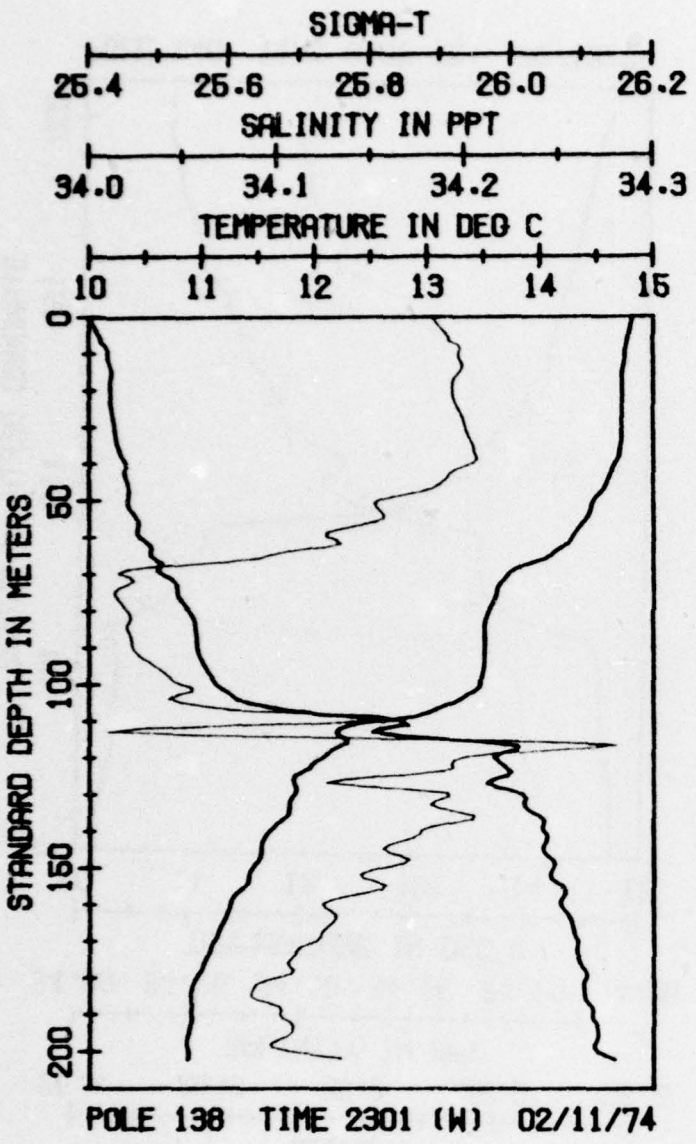
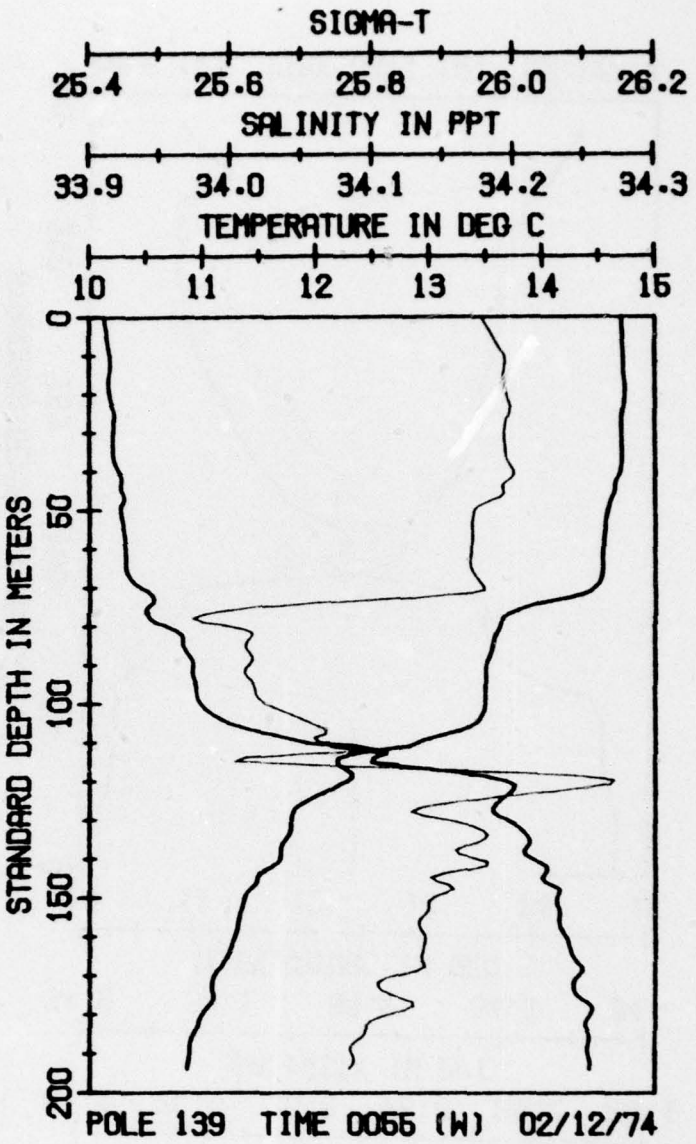
25.0
25.5
26.0
26.5
SALINITY IN PPT
33.9
34.0
34.1
34.2
34.3
34.4
TEMPERATURE IN DEG C
10
11
12
13
14
15
STANDARD DEPTH IN METERS
0
50
100
150
200
POLE 135 TIME 1604 (H) 02/11/74


SIGMA-T
25.0
25.5
26.0
26.5
SALINITY IN PPT
34.0
34.1
34.2
34.3
34.4
TEMPERATURE IN DEG C
10
11
12
13
14
15
STANDARD DEPTH IN METERS
0
50
100
150
200
POLE 136 TIME 1825 (W) 02/11/74


SIGMA-T
25.0
25.5
26.0
26.5
SALINITY IN PPT
34.0
34.1
34.2
34.3
34.4
TEMPERATURE IN DEG C
10
11
12
13
14
15
STANDARD DEPTH IN METERS
0
50
100
150
200
250
POLE 137 TIME 2037 (W) 02/11/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2
SALINITY IN PPT
34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 138 TIME 2301 (W) 02/11/74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SALINITY IN PPT
33.9 34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
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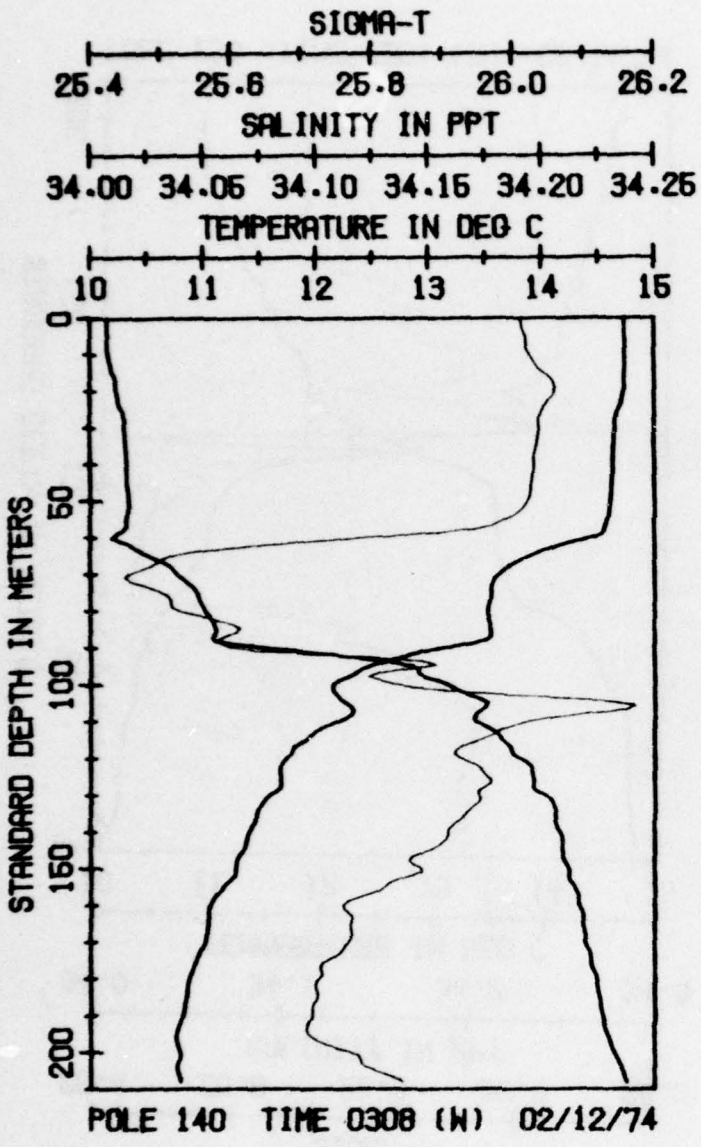
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 139 TIME 0055 (W) 02/12/74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SALINITY IN PPT
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TEMPERATURE IN DEG C
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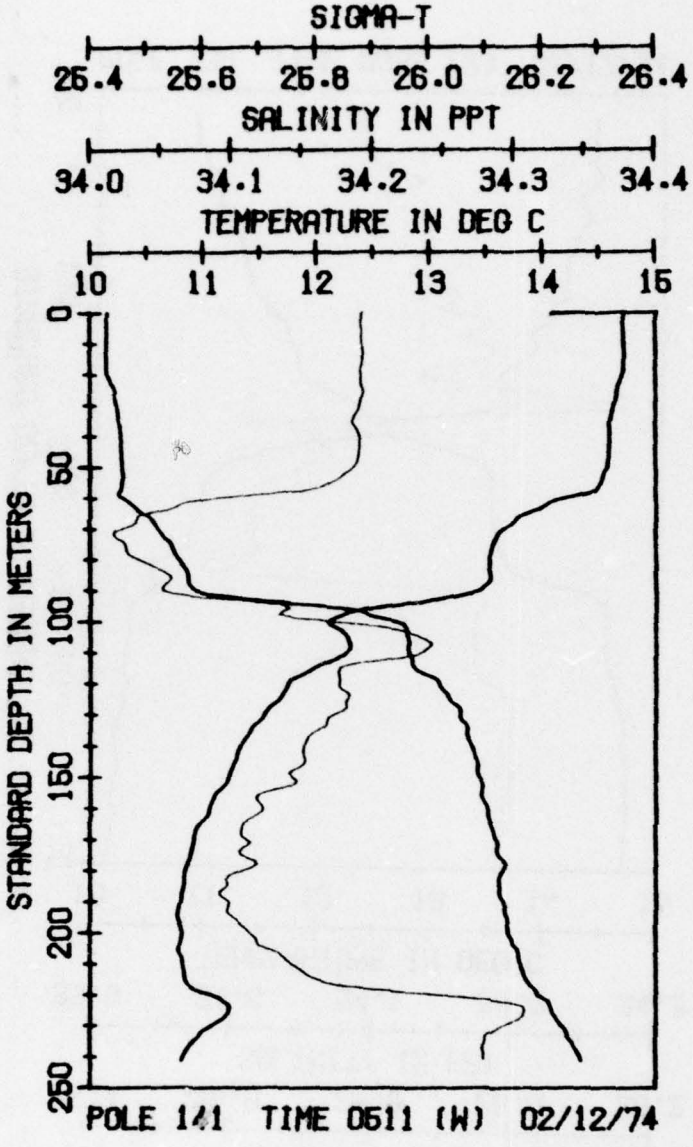
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 140 TIME 0308 (W) 02/12/74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SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
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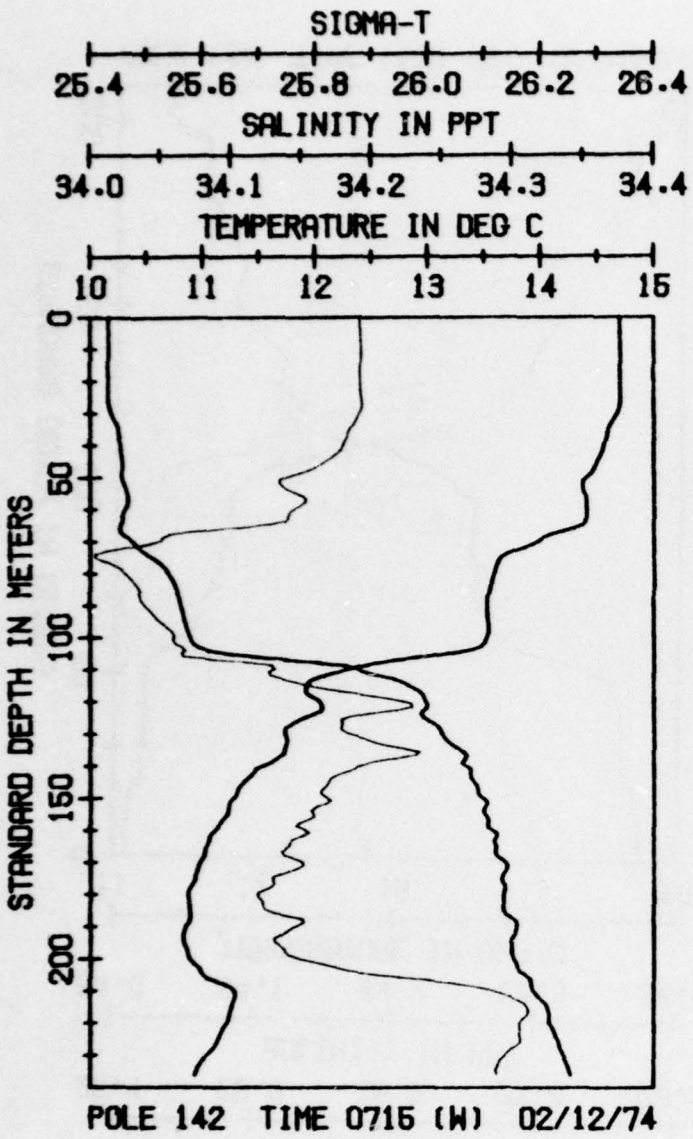
POLE 141 TIME 0511 (W) 02/12/74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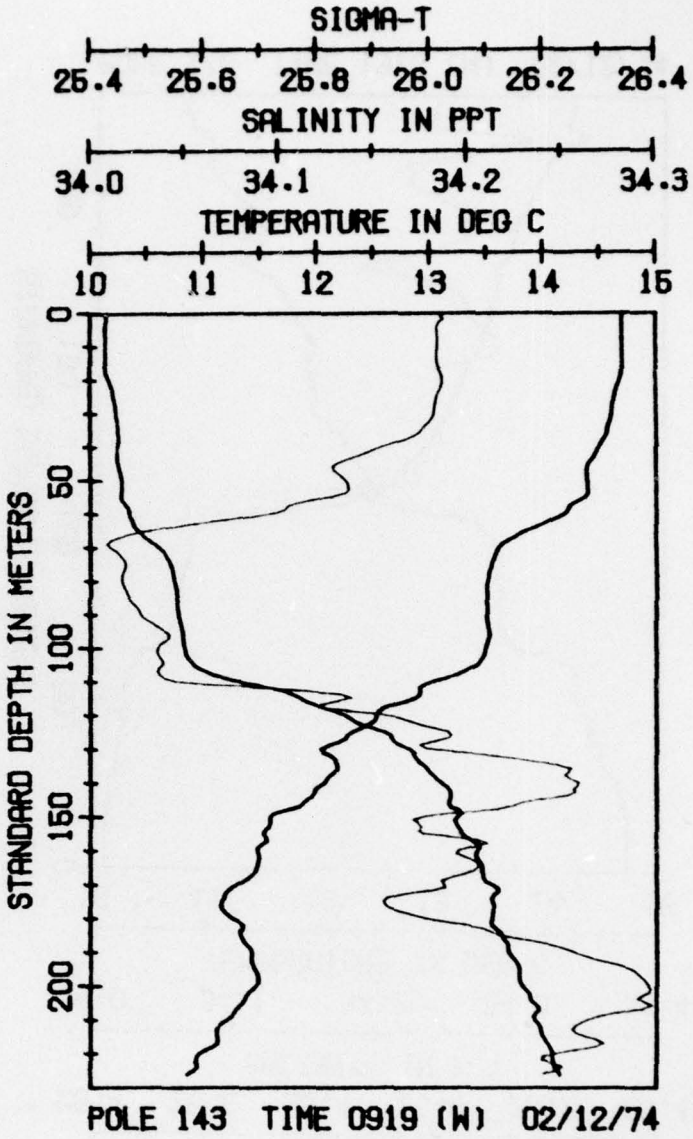
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 142 TIME 0715 (W) 02/12/74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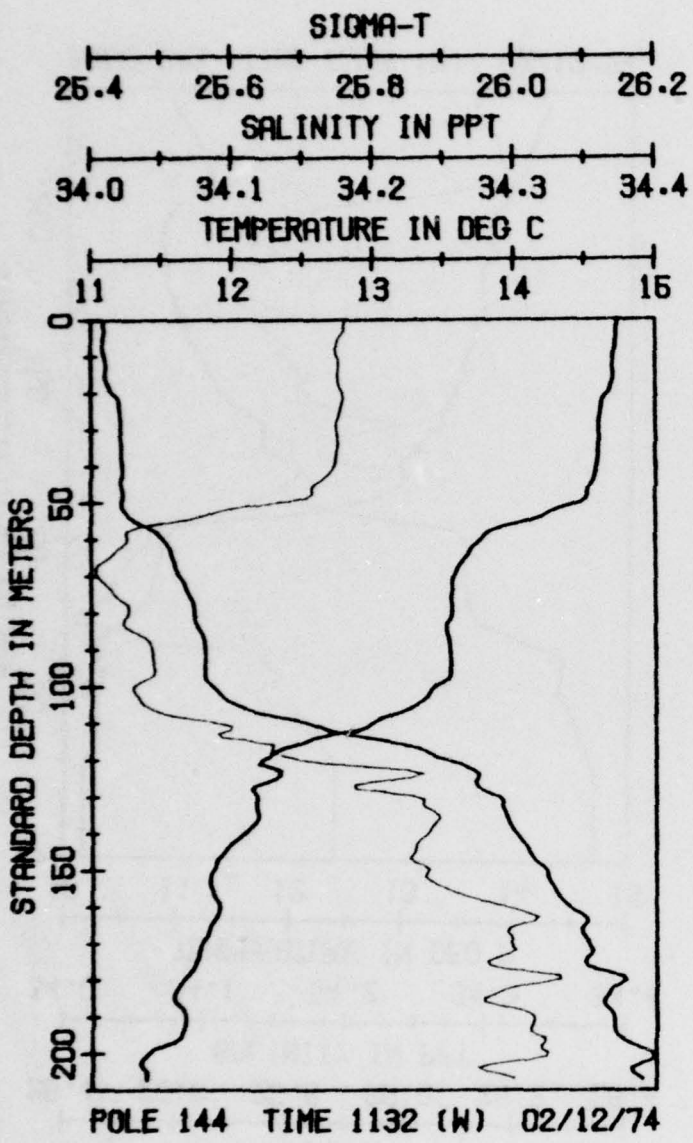
SALINITY IN PPT
34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 143 TIME 0919 (W) 02/12/74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SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
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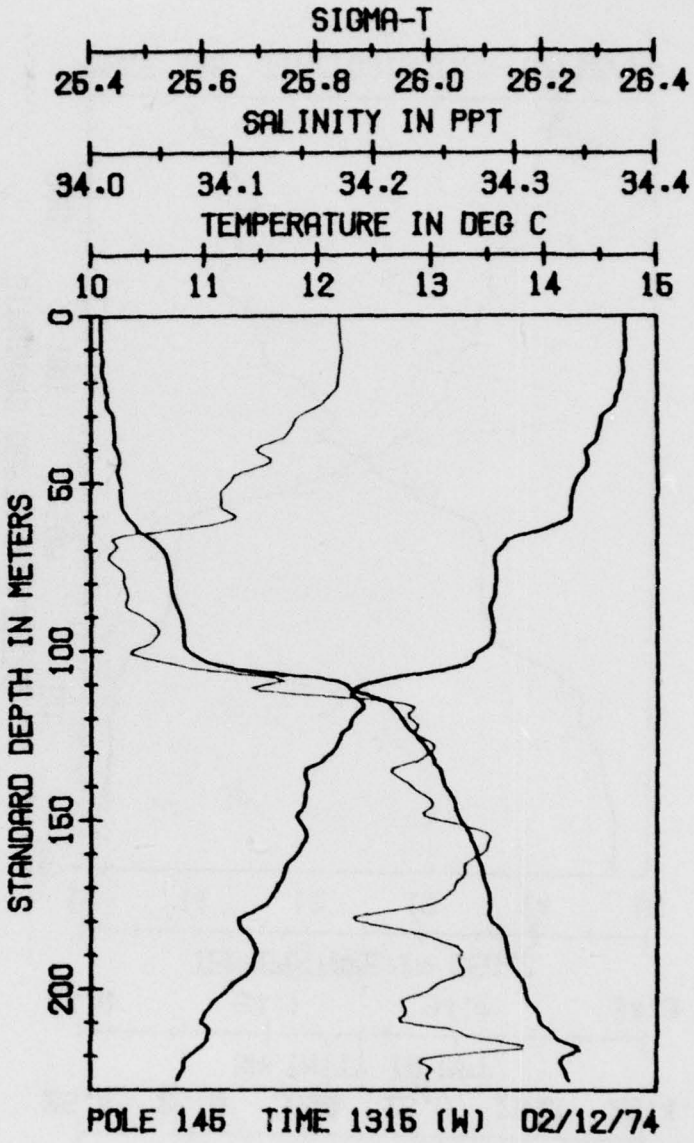
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 144 TIME 1132 (W) 02/12/74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SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
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STANDARD DEPTH IN METERS
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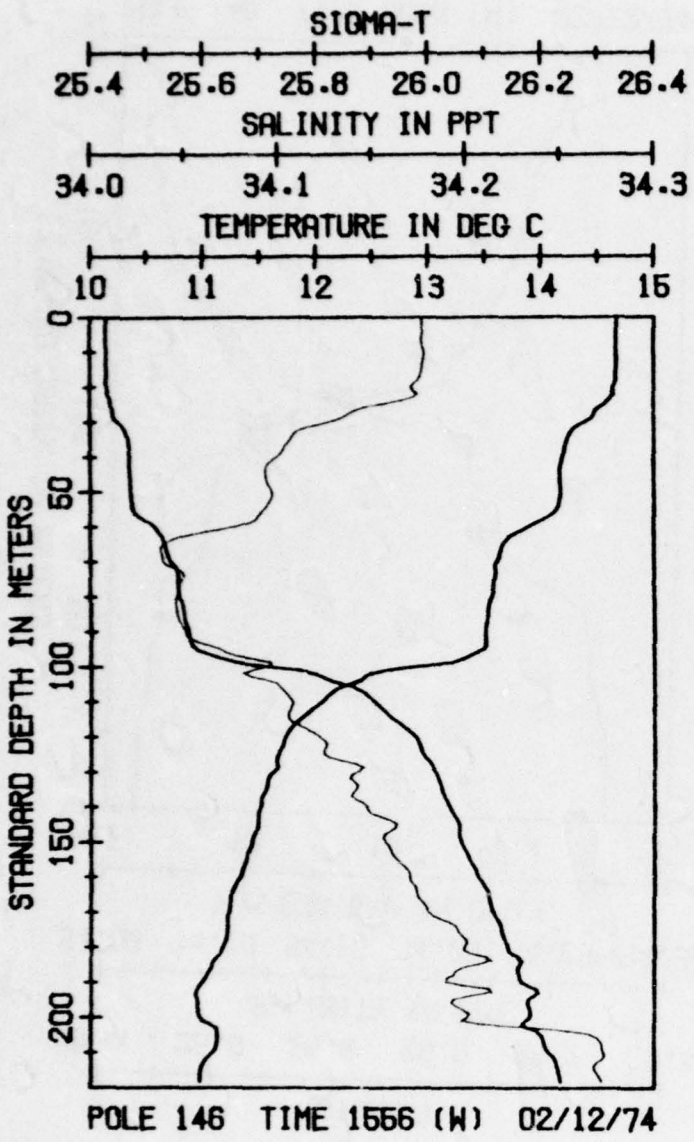
POLE 145 TIME 1315 (W) 02/12/74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SALINITY IN PPT
34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
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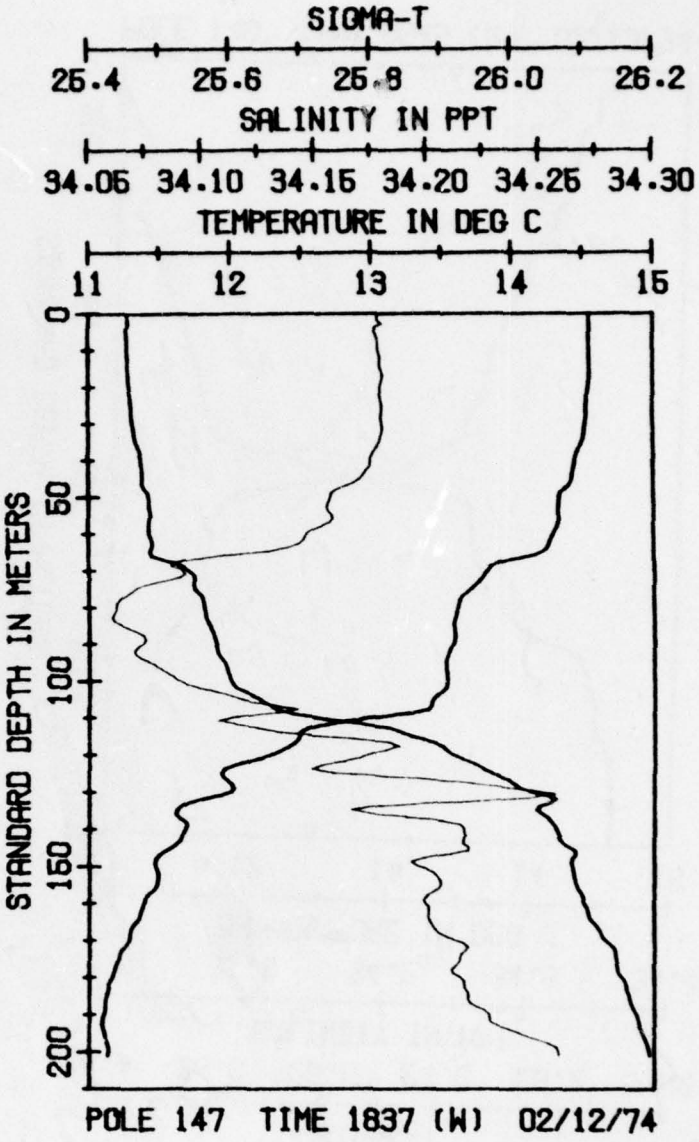
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 146 TIME 1556 (W) 02/12/74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SALINITY IN PPT
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TEMPERATURE IN DEG C
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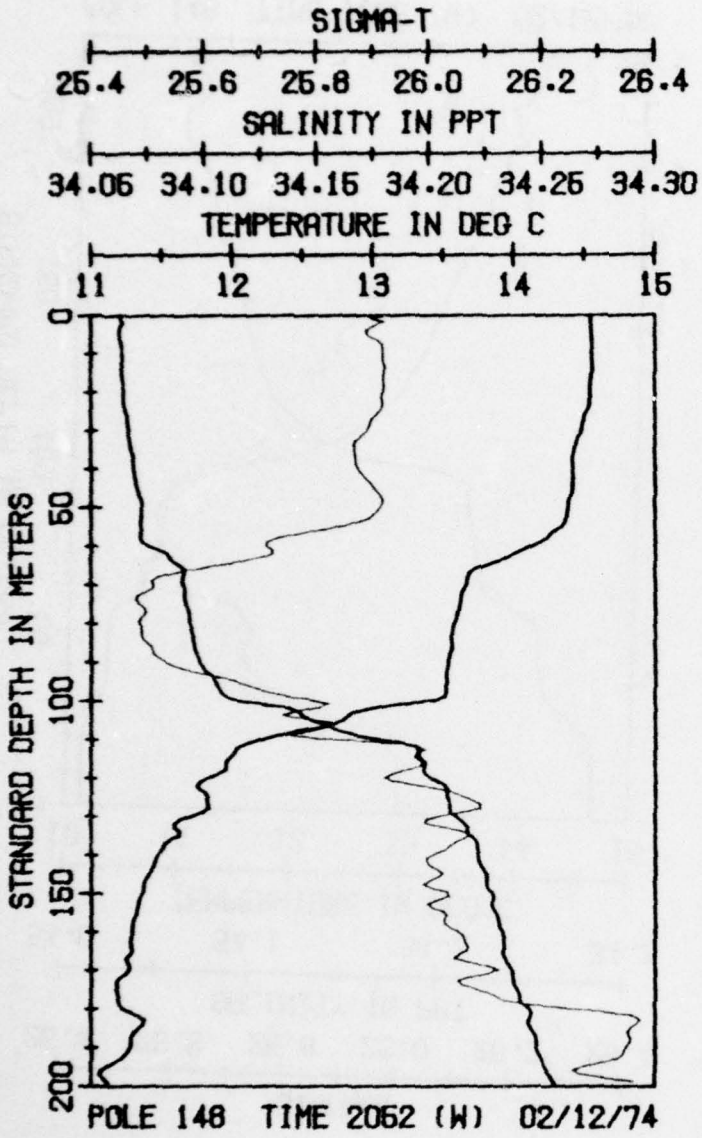
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 147 TIME 1837 (W) 02/12/74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SALINITY IN PPT
34.06 34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
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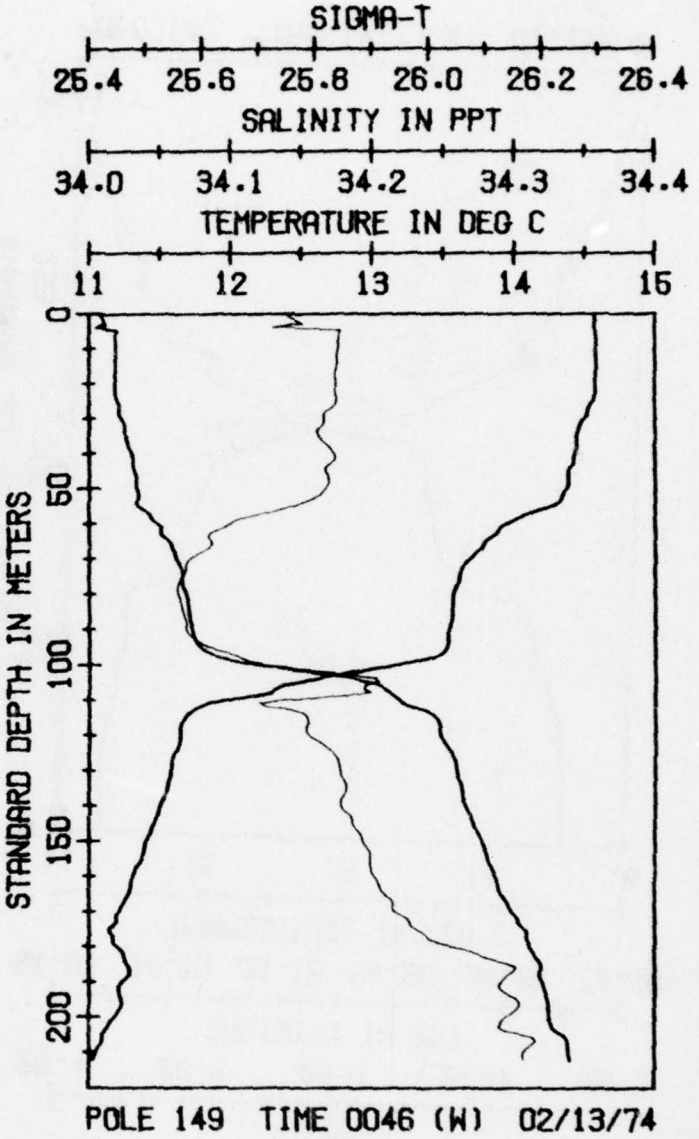
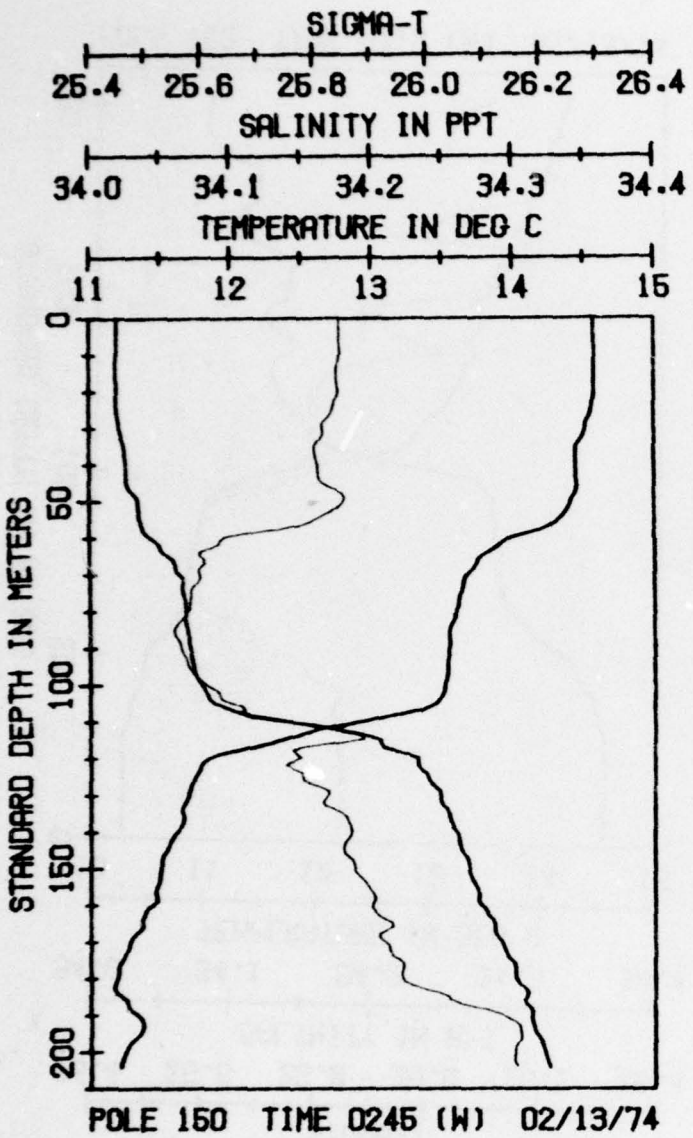
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 148 TIME 2062 (W) 02/12/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 149 TIME 0046 (W) 02/13/74


SIGMA-T
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SALINITY IN PPT
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TEMPERATURE IN DEG C
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STANDARD DEPTH IN METERS
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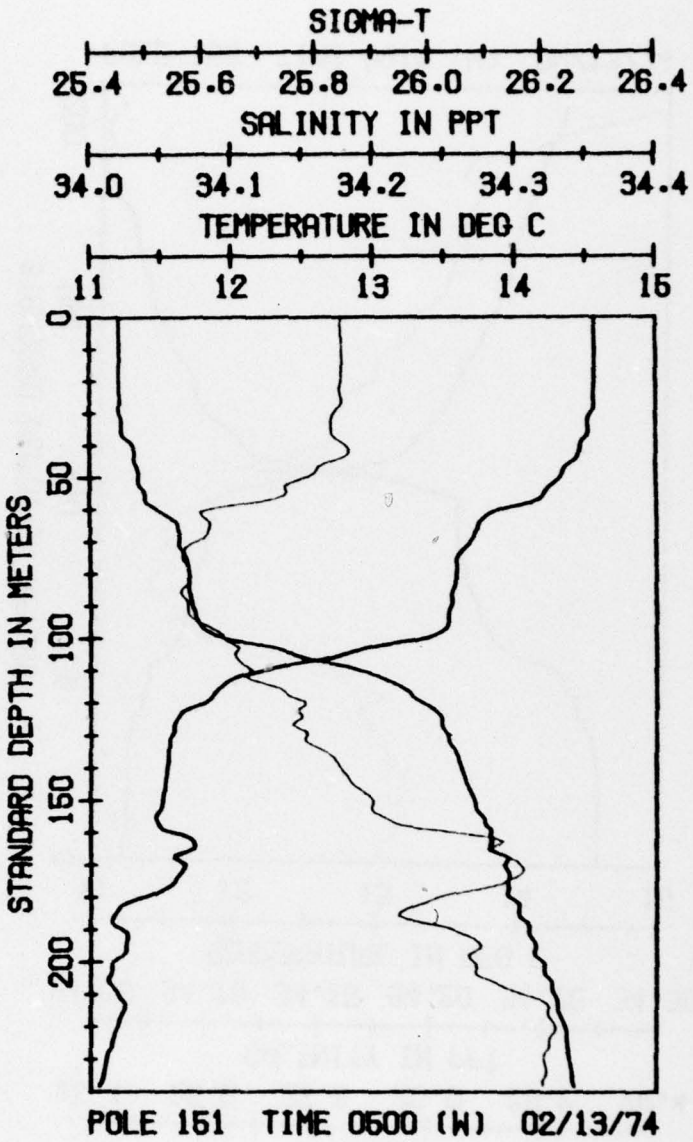
POLE 150 TIME 0245 (W) 02/13/74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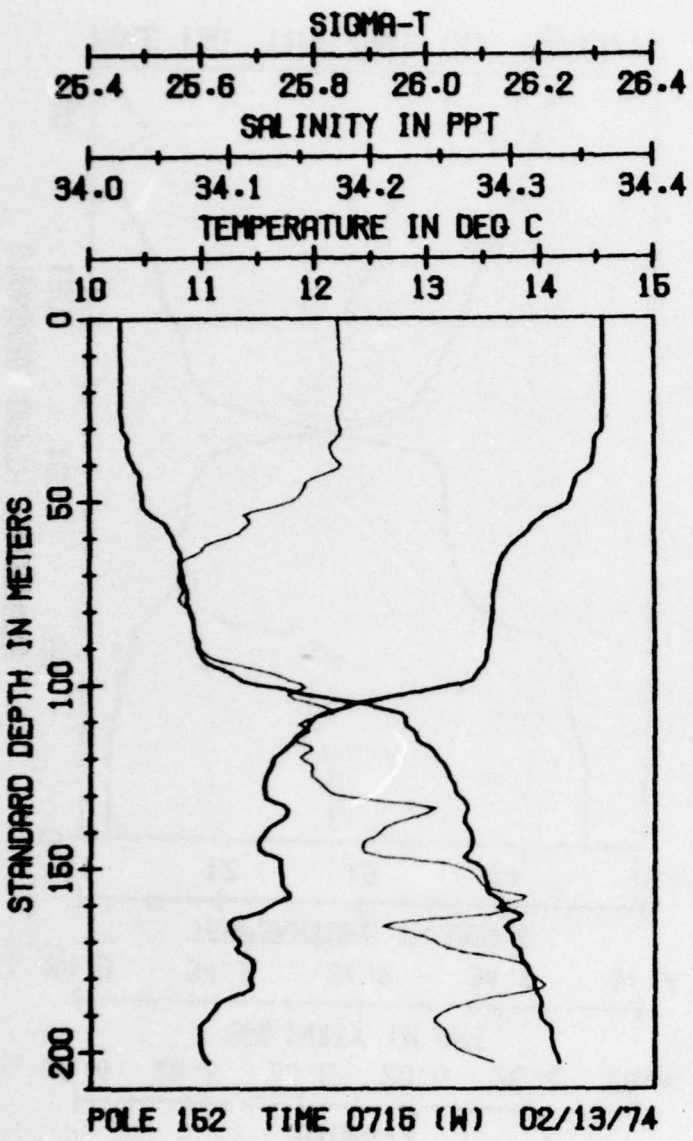
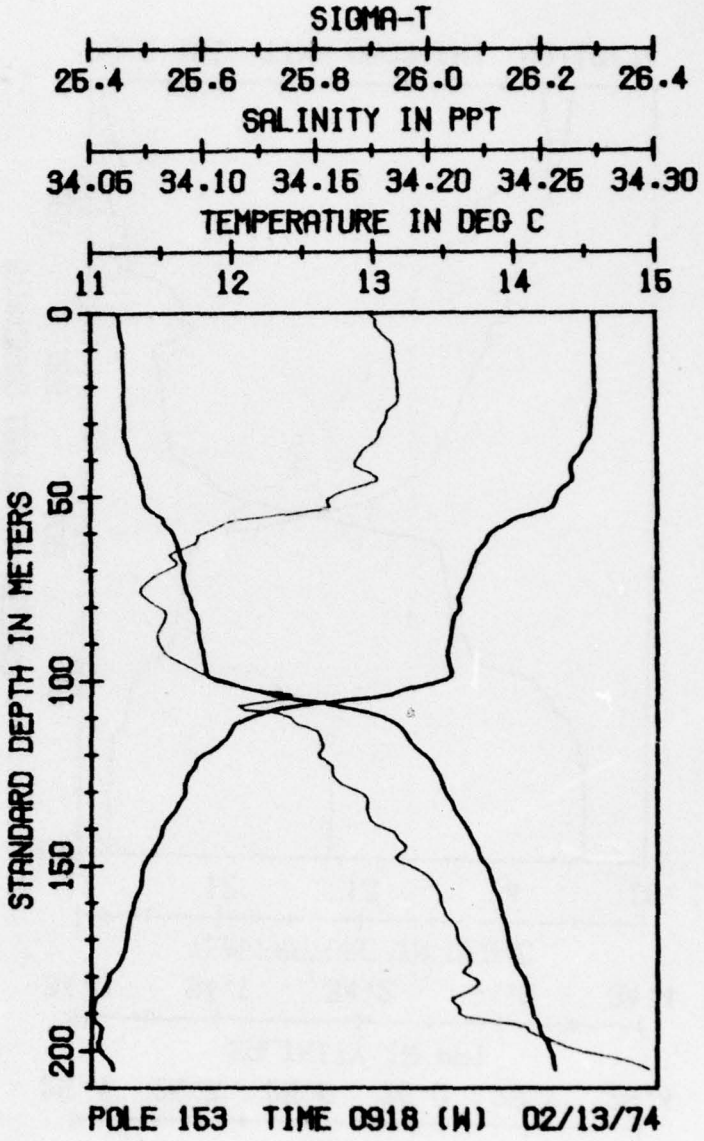
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 151 TIME 0600 (W) 02/13/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 152 TIME 0715 (W) 02/13/74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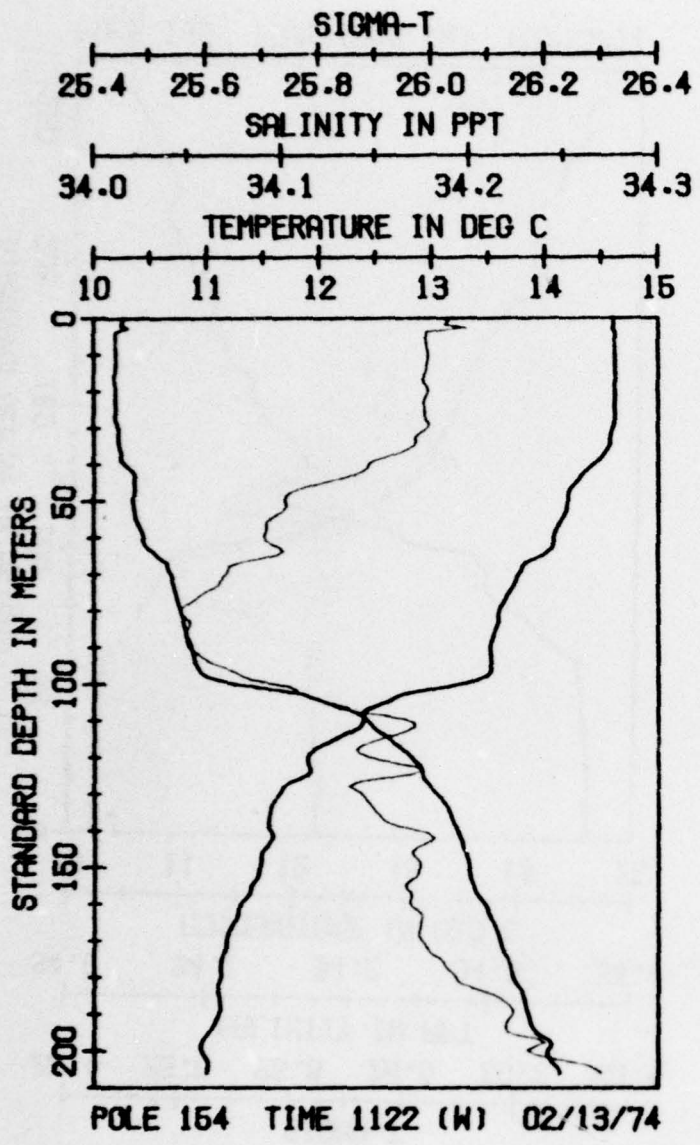
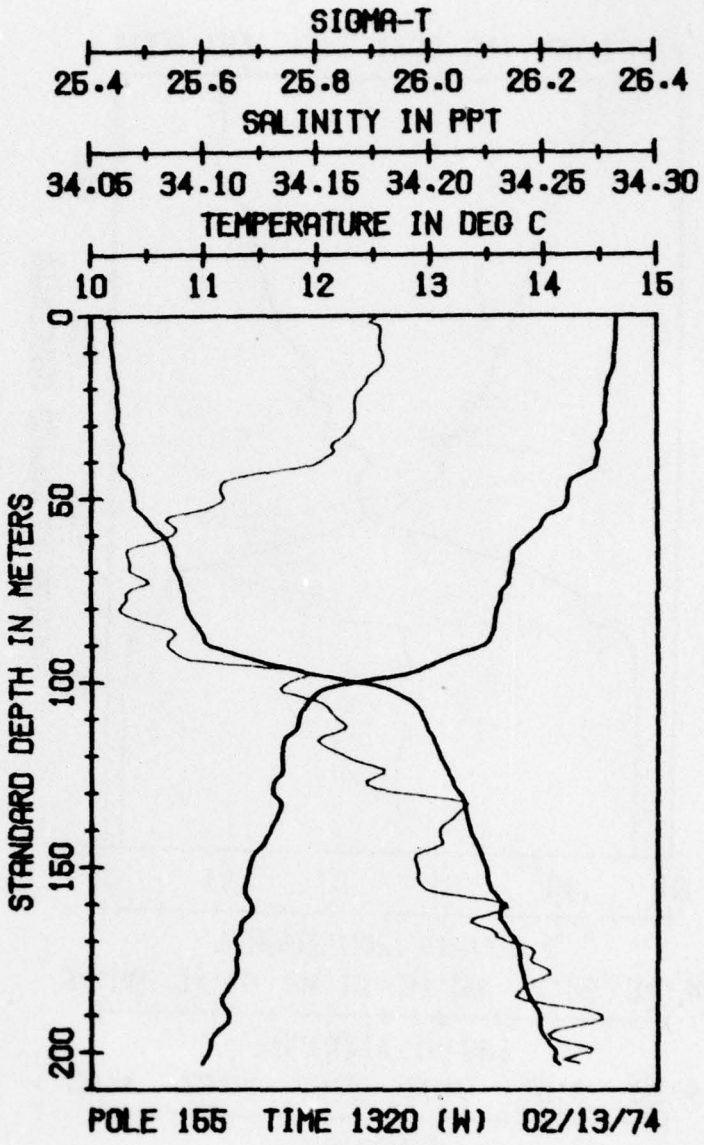
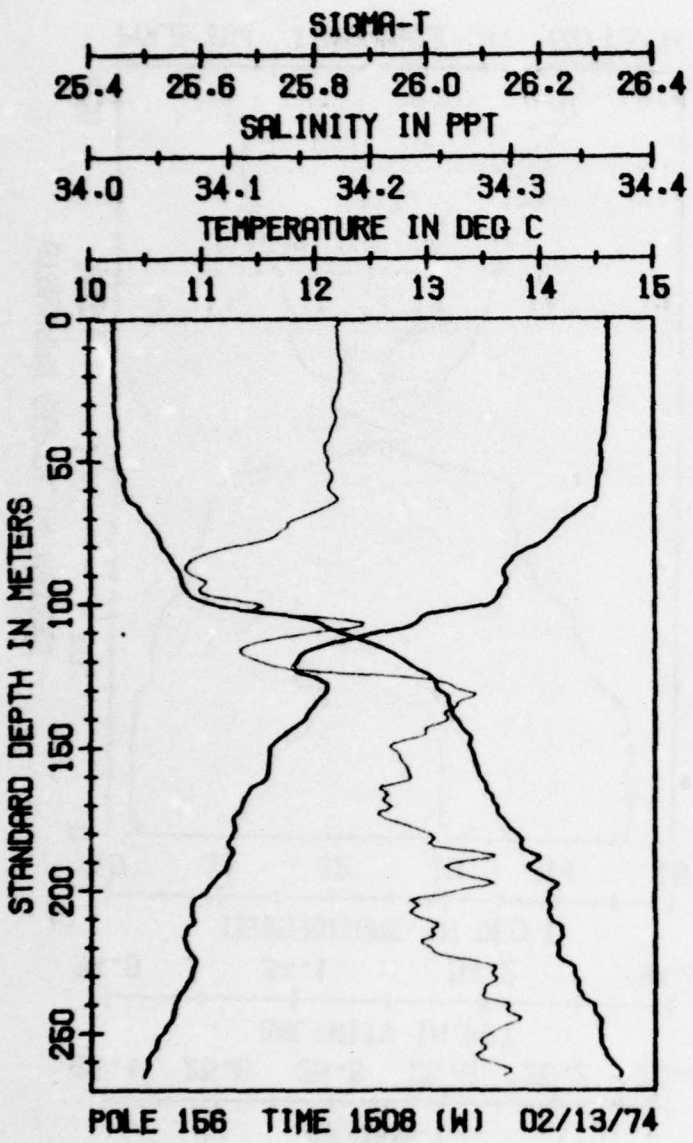
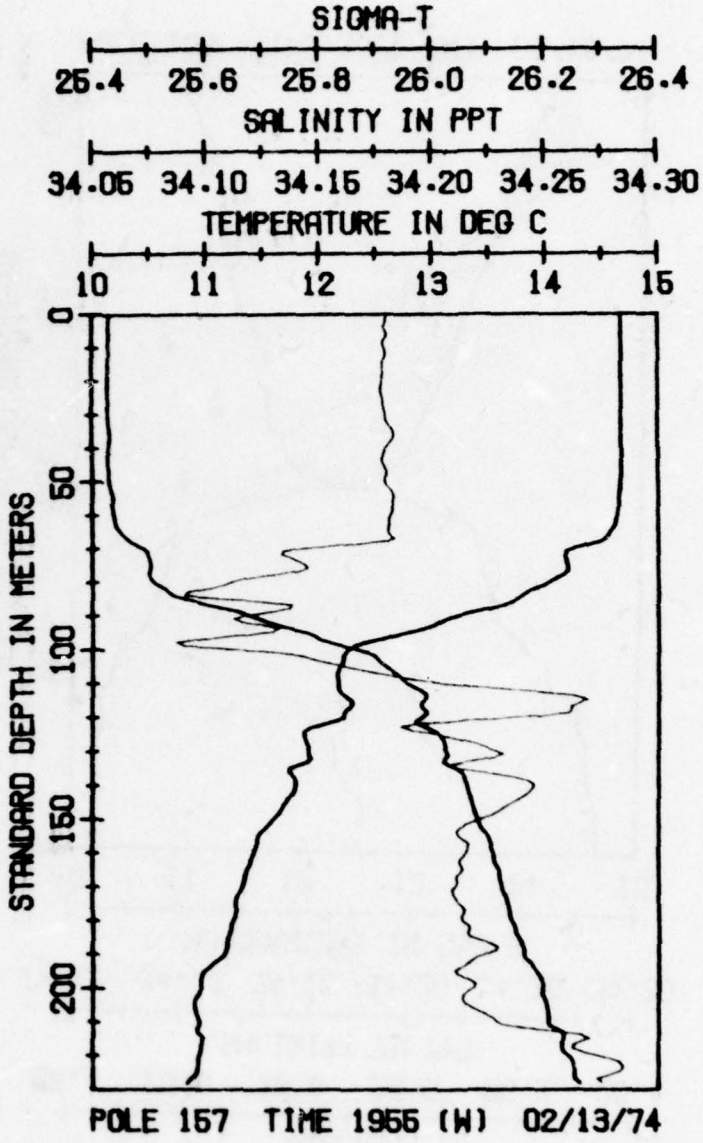
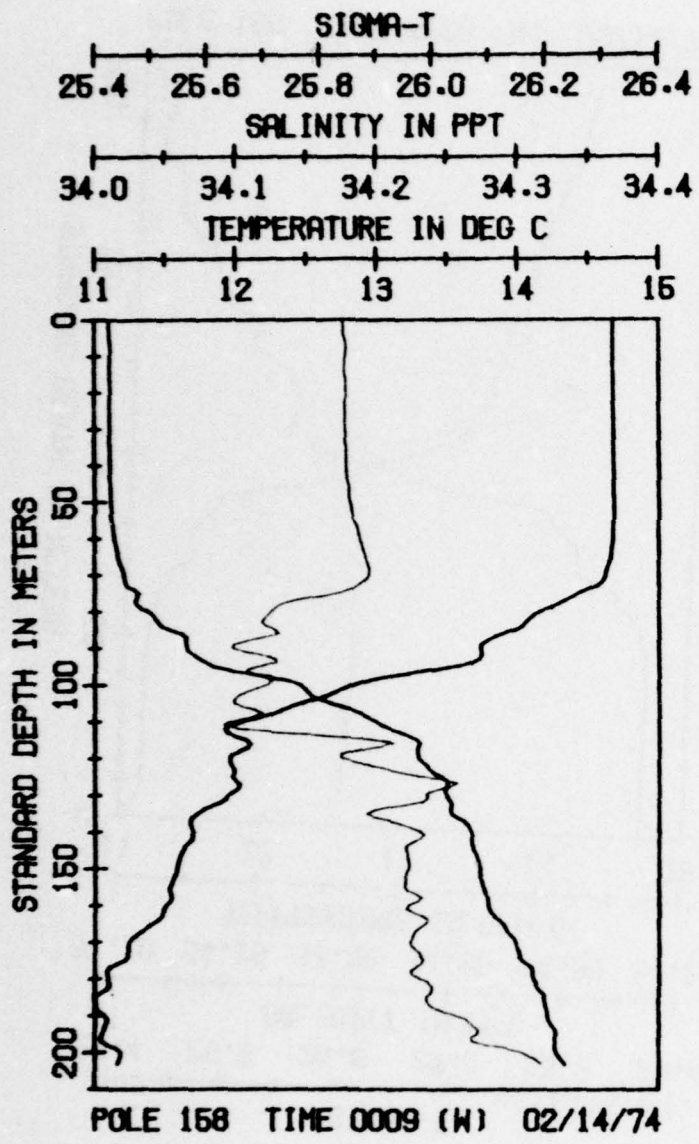
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 153 TIME 0918 (W) 02/13/74

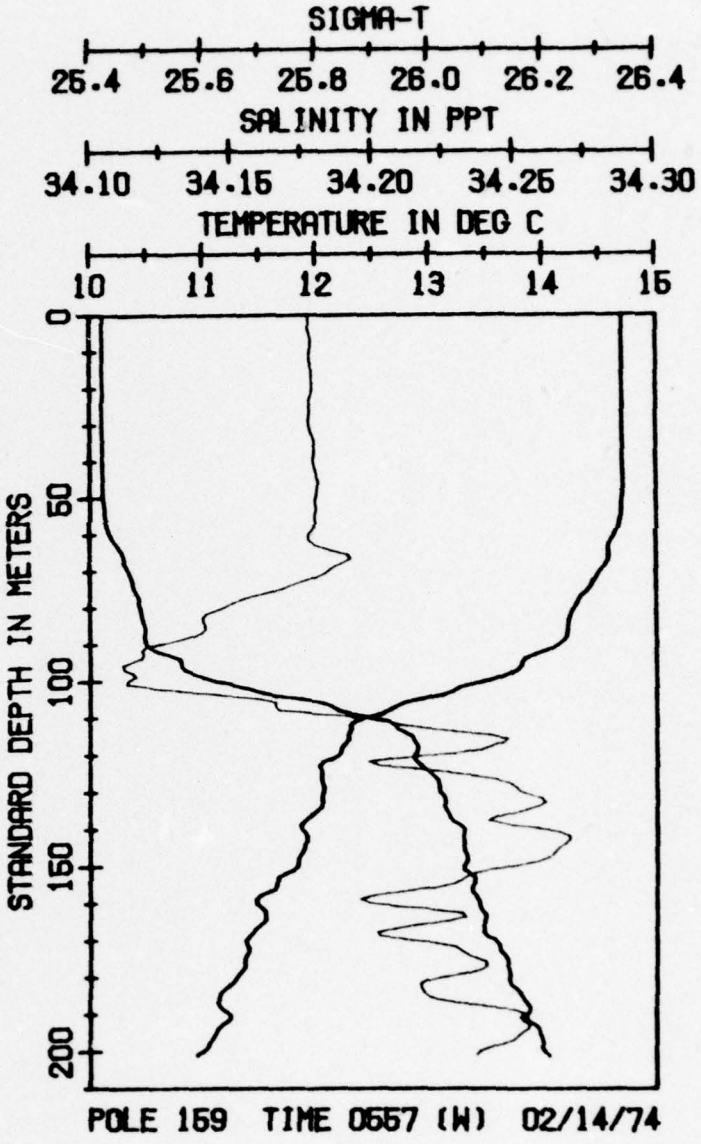

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 154 TIME 1122 (W) 02/13/74

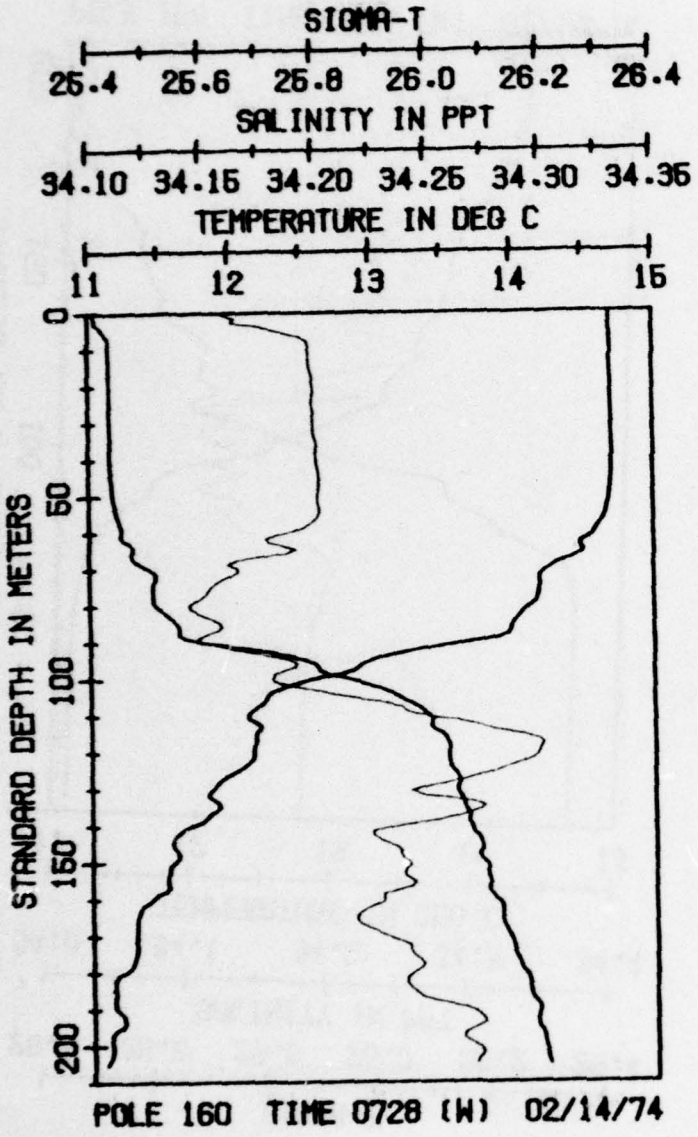

SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 155 TIME 1320 (W) 02/13/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200 250
POLE 156 TIME 1608 (W) 02/13/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.05 34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 157 TIME 1955 (W) 02/13/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.0 34.1 34.2 34.3 34.4
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 158 TIME 0009 (W) 02/14/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.10 34.15 34.20 34.25 34.30
TEMPERATURE IN DEG C
10 11 12 13 14 15
STANDARD DEPTH IN METERS
0 50 100 150 200
POLE 159 TIME 0557 (W) 02/14/74


SIGMA-T
25.4 25.6 25.8 26.0 26.2 26.4
SALINITY IN PPT
34.10 34.15 34.20 34.25 34.30 34.35
TEMPERATURE IN DEG C
11 12 13 14 15
STANDARD DEPTH IN METERS
0
50
100
150
200
POLE 160 TIME 0728 (W) 02/14/74

STATION NUMBER 009

DATE 01/31/74 LONG. 155:05 LAT. 35:04
START TIME 0752 BOTTOM TIME 0840

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.511	34.15	25.44
10	14.516	34.15	25.44
20	14.516	34.15	25.44
30	14.515	34.15	25.44
40	14.517	34.15	25.44
50	14.519	34.15	25.44
60	14.524	34.15	25.44
70	14.461	34.15	25.45
80	13.913	34.07	25.50
90	13.551	34.12	25.62
100	12.743	34.15	25.81
120	12.108	34.20	25.97
140	11.702	34.19	26.02
160	11.361	34.16	26.08
180	11.390	34.23	26.12
200	11.452	34.30	26.17
220	11.044	34.27	26.22
240	10.767	34.25	26.26
260	10.477	34.24	26.30
280	10.100	34.21	26.34
291	9.976	34.20	26.36

STATION NUMBER 010

DATE 01/31/74 LONG. 155:05 LAT. 35:04
START TIME 1126 BOTTOM TIME 1144

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.540	34.15	25.43
10	14.537	34.15	25.44
20	14.533	34.15	25.44
30	14.530	34.15	25.44
40	14.524	34.15	25.44
50	14.532	34.15	25.44
60	14.493	34.15	25.46
70	14.309	34.13	25.47
80	13.920	34.06	25.50
90	13.674	34.07	25.56
100	13.099	34.13	25.72
120	12.230	34.19	25.94
140	11.857	34.20	26.02
160	11.462	34.19	26.07
180	11.487	34.27	26.14
200	11.341	34.29	26.18
220	10.972	34.29	26.24
240	10.713	34.26	26.27
260	10.473	34.25	26.31
279	10.130	34.23	26.35

STATION NUMBER 012

DATE 01/31/74 LONG. 155:05 LAT. 35:04
START TIME 1615 BOTTOM TIME 1630

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.548	34.20	25.48
10	14.550	34.20	25.48
20	14.551	34.21	25.48
30	14.552	34.21	25.48
40	14.556	34.21	25.48
50	14.411	34.16	25.47
60	14.199	34.14	25.50
70	13.977	34.11	25.55
80	13.622	34.15	25.63
90	12.736	34.19	25.83
100	12.309	34.22	25.94
120	12.094	34.27	26.02
140	11.710	34.25	26.08
160	11.265	34.20	26.12
180	11.169	34.23	26.16
200	11.010	34.26	26.22
220	11.072	34.33	26.26
240	10.899	34.34	26.30
260	10.511	34.29	26.33
280	10.158	34.27	26.37
291	10.138	34.27	26.38

STATION NUMBER 013

DATE 01/31/74 LONG. 155:05 LAT. 35:04
START TIME 2020 BOTTOM TIME 2033

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.549	34.20	25.45
10	14.556	34.20	25.45
20	14.557	34.20	25.45
30	14.558	34.20	25.45
40	14.650	34.20	25.45
50	14.616	34.19	25.45
60	14.144	34.09	25.47
70	13.941	34.08	25.52
80	13.610	34.06	25.56
90	13.224	34.13	25.69
100	11.938	34.11	25.93
120	11.596	34.14	26.01
140	11.396	34.15	26.07
160	11.210	34.15	26.09
180	10.935	34.13	26.13
200	11.010	34.23	26.19
220	10.917	34.25	26.25
240	10.608	34.26	26.29
260	10.315	34.24	26.33
279	10.106	34.23	26.35

STATION NUMBER 009

DATE 01/31/74 LONG. 155:05 LAT. 35:04
START TIME 0752 BOTTOM TIME 0840

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.511	34.15	25.44
10	14.516	34.15	25.44
20	14.516	34.15	25.44
30	14.515	34.15	25.44
40	14.517	34.15	25.44
50	14.518	34.15	25.44
60	14.524	34.15	25.44
70	14.461	34.15	25.45
80	13.913	34.07	25.50
90	13.551	34.12	25.52
100	12.743	34.15	25.81
120	12.108	34.20	25.97
140	11.702	34.19	26.02
160	11.361	34.16	26.08
180	11.390	34.23	26.12
200	11.452	34.30	26.17
220	11.044	34.27	26.22
240	10.767	34.25	26.26
260	10.477	34.24	26.30
280	10.100	34.21	26.34
291	9.976	34.20	26.36

STATION NUMBER 010

DATE 01/31/74 LONG. 155:05 LAT. 35:04
START TIME 1126 BOTTOM TIME 1144

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.540	34.15	25.43
10	14.537	34.15	25.44
20	14.533	34.15	25.44
30	14.530	34.15	25.44
40	14.524	34.15	25.44
50	14.532	34.15	25.44
60	14.493	34.15	25.46
70	14.309	34.13	25.47
80	13.920	34.06	25.50
90	13.674	34.07	25.56
100	13.099	34.13	25.72
120	12.230	34.19	25.94
140	11.857	34.20	26.02
160	11.462	34.19	26.07
180	11.487	34.27	26.14
200	11.341	34.29	26.18
220	10.972	34.29	26.24
240	10.713	34.26	26.27
260	10.473	34.25	26.31
279	10.130	34.23	26.35

STATION NUMBER 012

DATE 01/31/74 LONG. 155:05 LAT. 35:04
START TIME 1615 BOTTOM TIME 1630

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.548	34.20	25.48
10	14.559	34.20	25.48
20	14.551	34.21	25.48
30	14.552	34.21	25.48
40	14.556	34.21	25.48
50	14.411	34.16	25.47
60	14.199	34.14	25.50
70	13.977	34.11	25.55
80	13.622	34.15	25.63
90	12.736	34.19	25.93
100	12.309	34.22	25.94
120	12.096	34.27	26.02
140	11.710	34.25	26.08
160	11.265	34.20	26.12
180	11.169	34.23	26.16
200	11.010	34.26	26.22
220	11.072	34.33	26.26
240	10.899	34.34	26.30
260	10.511	34.29	26.33
280	10.158	34.27	26.37
291	10.138	34.27	26.38

STATION NUMBER 013

DATE 01/31/74 LONG. 155:05 LAT. 35:04
START TIME 2020 BOTTOM TIME 2033

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.549	34.20	25.45
10	14.556	34.20	25.45
20	14.557	34.20	25.45
30	14.554	34.20	25.45
40	14.550	34.20	25.45
50	14.616	34.13	25.45
60	14.144	34.09	25.47
70	13.941	34.08	25.52
80	13.610	34.06	25.56
90	13.224	34.13	25.69
100	11.938	34.11	25.93
120	11.596	34.14	26.01
140	11.396	34.15	26.07
160	11.210	34.15	26.09
180	10.935	34.13	26.13
200	11.010	34.23	26.19
220	10.917	34.25	26.25
240	10.608	34.26	26.29
260	10.315	34.24	26.33
279	10.106	34.23	26.35

STATION NUMBER 014

DATE 01/31/74 LONG. 155:05 LAT. 35:04
START TIME 2326 BOTTOM TIME 2343

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.377	34.20	25.51
10	14.635	34.17	25.43
20	14.630	34.17	25.43
30	14.640	34.17	25.43
40	14.644	34.18	25.43
50	14.644	34.17	25.43
60	14.614	34.17	25.44
70	14.041	34.06	25.46
80	13.987	34.05	25.48
90	13.853	34.06	25.50
100	13.479	34.07	25.59
120	11.970	34.14	25.94
140	11.753	34.17	26.01
160	11.347	34.14	26.06
180	11.159	34.14	26.10
200	10.984	34.14	26.13
220	11.033	34.21	26.18
240	10.714	34.21	26.23
260	10.429	34.21	26.28
279	10.186	34.21	26.32

STATION NUMBER 015

DATE 02/01/74 LONG. 155:08 LAT. 35:09
START TIME 0402 BOTTOM TIME 0415

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.675	34.20	25.44
10	14.681	34.20	25.44
20	14.679	34.20	25.44
30	14.671	34.19	25.44
40	14.587	34.17	25.44
50	14.556	34.16	25.44
60	14.389	34.14	25.46
70	14.059	34.07	25.48
80	13.432	34.05	25.62
90	12.174	34.11	25.88
100	12.098	34.19	25.95
120	11.730	34.16	26.01
140	11.705	34.24	26.07
160	11.760	34.30	26.11
180	11.580	34.32	26.16
200	11.274	34.29	26.20
220	10.864	34.23	26.22
240	10.628	34.25	26.27
260	10.319	34.24	26.32
276	10.132	34.22	26.34

STATION NUMBER 016

DATE 02/01/74 LONG. 155:04 LAT. 35:09
START TIME 0433 BOTTOM TIME 0444

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.664	34.18	25.43
10	14.672	34.19	25.44
20	14.679	34.19	25.44
30	14.680	34.19	25.44
40	14.638	34.18	25.44
50	14.555	34.16	25.44
60	14.560	34.17	25.45
70	14.113	34.09	25.48
80	12.946	34.14	25.76
90	12.105	34.12	25.90
100	12.104	34.18	25.95
120	11.752	34.17	26.01
140	11.734	34.25	26.07
160	11.722	34.30	26.12
180	11.552	34.32	26.16
200	11.320	34.30	26.19
220	10.957	34.26	26.21
240	10.718	34.25	26.26
260	10.393	34.23	26.30
277	10.123	34.22	26.34

STATION NUMBER 017

DATE 02/01/74 LONG. 155:09 LAT. 35:09
START TIME 0512 BOTTOM TIME 0528

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.678	34.18	25.43
10	14.657	34.19	25.44
20	14.668	34.19	25.44
30	14.667	34.19	25.44
40	14.644	34.19	25.44
50	14.645	34.18	25.44
60	14.583	34.17	25.44
70	14.240	34.13	25.48
80	13.514	34.11	25.62
90	12.229	34.11	25.88
100	11.982	34.12	25.93
120	11.728	34.16	26.00
140	11.535	34.19	26.07
160	11.666	34.29	26.11
180	11.472	34.29	26.15
200	11.291	34.28	26.19
220	10.777	34.22	26.23
240	10.512	34.23	26.28
260	10.294	34.22	26.31
279	9.901	34.19	26.36

STATION NUMBER 018

DATE 02/01/74 LONG. 155:09 LAT. 35:09
START TIME 0546 BOTTOM TIME 0600

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.683	34.19	25.43
10	14.682	34.19	25.43
20	14.684	34.19	25.43
30	14.686	34.19	25.43
40	14.688	34.19	25.43
50	14.683	34.19	25.43
60	14.505	34.15	25.44
70	14.091	34.11	25.50
80	12.469	34.10	25.92
90	12.037	34.12	25.92
100	11.997	34.15	25.96
120	11.647	34.15	26.02
140	11.648	34.23	26.08
160	11.647	34.29	26.12
180	11.462	34.29	26.16
200	11.285	34.29	26.19
220	10.765	34.22	26.23
240	10.524	34.22	26.28
260	10.313	34.22	26.31
279	9.913	34.20	26.36

STATION NUMBER 019

DATE 02/01/74 LONG. 155:08 LAT. 35:09
START TIME 0614 BOTTOM TIME 0626

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.686	34.19	25.43
10	14.686	34.19	25.43
20	14.689	34.19	25.43
30	14.690	34.19	25.43
40	14.690	34.19	25.43
50	14.688	34.19	25.43
60	14.679	34.19	25.43
70	14.505	34.15	25.44
80	13.582	34.09	25.59
90	12.263	34.09	25.86
100	11.996	34.12	25.92
120	11.764	34.17	26.01
140	11.598	34.20	26.06
160	11.629	34.25	26.10
180	11.388	34.25	26.14
200	11.434	34.31	26.17
220	10.944	34.22	26.22
240	10.566	34.22	26.27
260	10.331	34.22	26.31
279	9.963	34.20	26.35

STATION NUMBER 020

DATE 02/01/74 LONG. 155:08 LAT. 35:09
START TIME 0641 BOTTOM TIME 0655

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.687	34.19	25.43
10	14.688	34.19	25.43
20	14.689	34.19	25.43
30	14.689	34.19	25.43
40	14.689	34.19	25.43
50	14.695	34.19	25.43
60	14.698	34.19	25.43
70	14.592	34.15	25.43
80	13.814	34.12	25.56
90	12.511	34.13	25.81
100	12.016	34.13	25.93
120	11.739	34.15	26.00
140	11.544	34.18	26.06
160	11.520	34.24	26.11
180	11.430	34.24	26.12
200	11.443	34.30	26.17
220	10.907	34.24	26.22
240	10.585	34.22	26.26
260	10.364	34.22	26.30
279	10.001	34.20	26.35

STATION NUMBER 021

DATE 02/01/74 LONG. 155:08 LAT. 35:09
START TIME 0709 BOTTOM TIME 0721

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.685	34.19	25.43
10	14.685	34.19	25.43
20	14.687	34.19	25.43
30	14.689	34.19	25.43
40	14.694	34.19	25.43
50	14.704	34.19	25.43
60	14.679	34.19	25.43
70	14.268	34.11	25.46
80	13.090	34.12	25.71
90	12.168	34.13	25.88
100	11.952	34.13	25.94
120	11.604	34.12	26.00
140	11.700	34.21	26.06
160	11.594	34.25	26.11
180	11.339	34.24	26.14
200	11.264	34.27	26.18
220	10.700	34.21	26.23
240	10.520	34.21	26.27
260	10.271	34.21	26.31
279	9.977	34.19	26.34

STATION NUMBER 022

DATE 02/01/74 LONG. 155:08 LAT. 35:09
START TIME 0735 BOTTOM TIME 0748

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.687	34.18	25.42
10	14.688	34.18	25.42
20	14.689	34.18	25.42
30	14.691	34.18	25.43
40	14.691	34.18	25.42
50	14.711	34.19	25.43
60	14.602	34.15	25.43
70	13.977	34.12	25.83
80	12.655	34.09	25.78
90	12.104	34.12	25.90
100	11.994	34.15	25.95
120	11.555	34.12	26.01
140	11.436	34.17	26.07
160	11.500	34.23	26.11
180	11.494	34.31	26.17
200	10.997	34.21	26.20
220	10.716	34.23	26.24
240	10.456	34.21	26.29
260	10.170	34.21	26.32
279	9.838	34.15	26.36

STATION NUMBER 023

DATE 02/01/74 LONG. 155:08 LAT. 35:09
START TIME 0803 BOTTOM TIME 0816

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.684	34.18	25.42
10	14.681	34.18	25.42
20	14.683	34.17	25.42
30	14.691	34.19	25.43
40	14.686	34.18	25.42
50	14.691	34.18	25.43
60	14.691	34.18	25.43
70	14.633	34.16	25.42
80	14.243	34.09	25.45
90	13.058	34.10	25.71
100	12.119	34.09	25.88
120	11.659	34.10	25.99
140	11.497	34.14	26.04
160	11.421	34.20	26.09
180	11.295	34.24	26.15
200	11.117	34.25	26.19
220	10.667	34.20	26.24
240	10.453	34.22	26.28
260	10.166	34.20	26.32
279	9.806	34.18	26.37

STATION NUMBER 024

DATE 02/01/74 LONG. 155:08 LAT. 35:09
START TIME 0846 BOTTOM TIME 0859

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.664	34.17	25.42
10	14.670	34.17	25.42
20	14.670	34.17	25.42
30	14.673	34.17	25.42
40	14.675	34.17	25.42
50	14.676	34.17	25.42
60	14.669	34.17	25.42
70	14.404	34.11	25.44
80	13.171	34.16	25.72
90	12.341	34.11	25.85
100	11.842	34.09	25.93
120	11.568	34.10	25.99
140	11.344	34.12	26.05
160	11.314	34.19	26.10
180	11.299	34.23	26.15
200	11.122	34.24	26.18
220	10.681	34.19	26.22
240	10.592	34.22	26.26
260	10.266	34.21	26.31
279	9.937	34.18	26.34

STATION NUMBER 025

DATE 02/01/74 LONG. 155:08 LAT. 35:09
START TIME 0916 BOTTOM TIME 0930

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.674	34.17	25.42
10	14.677	34.17	25.42
20	14.674	34.17	25.42
30	14.676	34.17	25.42
40	14.679	34.17	25.42
50	14.677	34.17	25.42
60	14.652	34.17	25.42
70	14.602	34.15	25.42
80	13.568	34.11	25.61
90	12.337	34.09	25.84
100	11.929	34.09	25.91
120	11.544	34.13	25.99
140	11.364	34.14	26.06
160	11.259	34.16	26.10
180	11.180	34.20	26.14
200	11.203	34.25	26.19
220	10.664	34.19	26.23
240	10.519	34.21	26.27
260	10.219	34.20	26.31
279	9.908	34.17	26.34

STATION NUMBER 026

DATE 02/01/74 LONG. 155:09 LAT. 35:09
START TIME 0945 BOTTOM TIME 0958

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.675	34.17	25.42
10	14.673	34.17	25.42
20	14.677	34.17	25.42
30	14.675	34.17	25.42
40	14.689	34.17	25.42
50	14.693	34.18	25.42
60	14.667	34.17	25.43
70	14.631	34.15	25.43
80	13.736	34.15	25.61
90	12.666	34.13	25.80
100	11.939	34.09	25.91
120	11.613	34.09	25.97
140	11.390	34.11	26.03
160	11.280	34.15	26.08
180	11.248	34.19	26.12
200	11.343	34.23	26.18
220	10.822	34.22	26.22
240	10.504	34.21	26.27
260	10.281	34.21	26.31
278	9.973	34.19	26.34

STATION NUMBER 027

DATE 02/01/74 LONG. 155:08 LAT. 35:09
START TIME 1012 BOTTOM TIME 1025

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.675	34.17	25.42
10	14.671	34.17	25.42
20	14.672	34.17	25.42
30	14.677	34.17	25.42
40	14.675	34.17	25.42
50	14.679	34.17	25.42
60	14.710	34.18	25.42
70	14.725	34.18	25.42
80	14.457	34.11	25.42
90	13.623	34.11	25.59
100	12.360	34.06	25.81
120	11.656	34.08	25.96
140	11.414	34.09	26.02
160	11.277	34.13	26.07
180	11.187	34.17	26.11
200	11.265	34.25	26.17
220	11.094	34.25	26.21
240	10.531	34.22	26.27
260	10.270	34.21	26.31
279	9.918	34.18	26.35

STATION NUMBER 028

DATE 02/01/74 LONG. 155:09 LAT. 35:09
START TIME 1044 BOTTOM TIME 1056

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.636	34.17	25.43
10	14.647	34.16	25.42
20	14.648	34.16	25.42
30	14.650	34.17	25.42
40	14.660	34.17	25.42
50	14.701	34.18	25.43
60	14.727	34.19	25.43
70	14.729	34.19	25.43
80	14.392	34.11	25.43
90	13.824	34.12	25.56
100	12.266	34.05	25.83
120	11.649	34.09	25.97
140	11.400	34.10	26.03
160	11.257	34.13	26.07
180	11.140	34.17	26.12
200	11.200	34.25	26.18
220	11.056	34.27	26.22
240	10.549	34.22	26.27
260	10.294	34.21	26.32
278	9.922	34.19	26.35

STATION NUMBER 029

DATE 02/01/74 LONG. 155:09 LAT. 35:09
START TIME 1114 BOTTOM TIME 1126

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.620	34.16	25.43
10	14.619	34.16	25.43
20	14.621	34.16	25.43
30	14.623	34.16	25.43
40	14.649	34.18	25.43
50	14.722	34.20	25.43
60	14.756	34.21	25.43
70	14.684	34.19	25.44
80	14.252	34.11	25.46
90	12.346	34.08	25.71
100	11.897	34.08	25.91
120	11.555	34.09	25.99
140	11.354	34.13	26.05
160	11.227	34.16	26.10
180	11.039	34.19	26.15
200	10.903	34.21	26.20
220	10.690	34.22	26.25
240	10.423	34.23	26.30
260	10.135	34.21	26.34
279	9.892	34.20	26.36

STATION NUMBER 030

DATE 02/01/74 LONG. 155:08 LAT. 35:09
START TIME 1245 BOTTOM TIME 1257

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.591	34.14	25.41
10	14.596	34.14	25.42
20	14.600	34.15	25.42
30	14.617	34.15	25.42
40	14.643	34.16	25.42
50	14.709	34.19	25.43
60	14.746	34.19	25.43
70	14.739	34.19	25.43
80	14.286	34.11	25.46
90	13.493	34.13	25.64
100	12.026	34.11	25.91
120	11.625	34.08	25.97
140	11.384	34.10	26.02
160	11.354	34.17	26.08
180	11.252	34.19	26.11
200	10.955	34.19	26.17
220	10.852	34.23	26.22
240	10.466	34.21	26.26
260	10.250	34.21	26.32
277	9.984	34.19	26.34

STATION NUMBER 031

DATE 02/01/74 LONG. 155:08 LAT. 35:09
START TIME 1314 BOTTOM TIME 1327

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.598	34.15	25.42
10	14.591	34.15	25.42
20	14.590	34.15	25.43
30	14.614	34.16	25.43
40	14.627	34.17	25.43
50	14.672	34.19	25.43
60	14.718	34.20	25.44
70	14.754	34.21	25.44
80	14.687	34.19	25.44
90	14.182	34.13	25.49
100	12.690	34.10	25.78
120	11.734	34.09	25.95
140	11.487	34.11	26.01
160	11.346	34.16	26.08
180	11.229	34.19	26.11
200	11.126	34.22	26.17
220	10.993	34.22	26.21
240	10.638	34.23	26.26
260	10.405	34.24	26.31
277	10.133	34.22	26.34

STATION NUMBER 032

DATE 02/01/74 LONG. 155:08 LAT. 35:09
START TIME 1347 BOTTOM TIME 1400

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.588	34.14	25.42
10	14.587	34.14	25.42
20	14.586	34.15	25.43
30	14.598	34.15	25.43
40	14.627	34.17	25.43
50	14.657	34.19	25.43
60	14.699	34.19	25.43
70	14.758	34.21	25.44
80	14.756	34.21	25.43
90	14.579	34.16	25.44
100	13.704	34.14	25.60
120	11.942	34.09	25.93
140	11.567	34.10	25.99
160	11.336	34.12	26.05
180	11.353	34.18	26.10
200	11.212	34.23	26.16
220	10.941	34.22	26.20
240	10.601	34.22	26.26
260	10.417	34.24	26.31
277	10.141	34.23	26.34

STATION NUMBER 033

DATE 02/01/74 LONG. 155:08 LAT. 35:09
START TIME 1415 BOTTOM TIME 1429

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.586	34.14	25.42
10	14.580	34.14	25.42
20	14.588	34.15	25.42
30	14.607	34.15	25.43
40	14.631	34.17	25.43
50	14.649	34.17	25.43
60	14.679	34.18	25.43
70	14.740	34.20	25.43
80	14.717	34.20	25.43
90	14.402	34.13	25.45
100	12.707	34.09	25.77
120	11.767	34.08	25.94
140	11.482	34.11	25.02
160	11.391	34.17	26.08
180	11.297	34.21	26.13
200	11.100	34.22	26.17
220	10.934	34.22	26.22
240	10.650	34.21	26.29
260	10.303	34.23	26.32
278	10.022	34.21	26.35

STATION NUMBER 034

DATE 02/01/74 LONG. 155:09 LAT. 35:09
START TIME 1445 BOTTOM TIME 1458

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.586	34.13	25.41
10	14.595	34.13	25.41
20	14.586	34.14	25.42
30	14.615	34.15	25.42
40	14.640	34.15	25.42
50	14.661	34.17	25.42
60	14.682	34.18	25.43
70	14.722	34.19	25.43
80	14.711	34.19	25.43
90	14.387	34.12	25.44
100	12.945	34.09	25.74
120	11.778	34.08	25.94
140	11.430	34.10	26.01
160	11.343	34.14	26.07
180	11.279	34.19	26.11
200	11.208	34.23	26.16
220	10.950	34.23	26.21
240	10.599	34.21	26.25
260	10.402	34.23	25.30
277	10.159	34.21	26.33

STATION NUMBER 035

DATE 02/01/74 LONG. 155:08 LAT. 35:09
START TIME 1515 BOTTOM TIME 1529

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.595	34.13	25.41
10	14.586	34.13	25.41
20	14.596	34.14	25.41
30	14.617	34.15	25.42
40	14.644	34.16	25.42
50	14.666	34.16	25.42
60	14.714	34.18	25.42
70	14.734	34.19	25.42
80	14.508	34.15	25.44
90	13.175	34.12	25.70
100	11.949	34.05	25.88
120	11.622	34.07	25.96
140	11.325	34.11	26.04
160	11.300	34.17	26.10
180	11.106	34.19	26.15
200	10.969	34.22	26.20
220	10.750	34.22	26.23
240	10.480	34.22	26.28
260	10.232	34.21	26.32
277	9.946	34.18	26.34

STATION NUMBER 037

DATE 02/01/74 LONG. 155:08 LAT. 35:09
START TIME 2000 BOTTOM TIME 2010

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.657	34.15	25.41
10	14.652	34.15	25.42
20	14.661	34.15	25.42
30	14.661	34.17	25.42
40	14.660	34.17	25.43
50	14.684	34.18	25.43
60	14.686	34.18	25.43
70	14.639	34.17	25.43
80	14.220	34.11	25.47
90	12.700	34.09	25.77
100	11.852	34.05	25.91
120	11.563	34.09	25.98
140	11.470	34.15	26.05
160	11.139	34.14	26.10
180	10.917	34.15	26.15
200	10.794	34.19	26.19
220	10.762	34.24	26.24
240	10.489	34.22	26.28
260	10.073	34.19	26.33
280	9.952	34.18	26.36
285	9.753	34.19	26.37

STATION NUMBER 038

DATE 02/02/74 LONG. 155:15 LAT. 35:08
START TIME 0032 BOTTOM TIME 0045

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.655	34.14	25.40
10	14.654	34.14	25.41
20	14.654	34.14	25.41
30	14.690	34.15	25.41
40	14.706	34.17	25.41
50	14.710	34.17	25.41
60	14.709	34.16	25.41
70	14.706	34.16	25.41
80	14.701	34.16	25.41
90	14.496	34.12	25.42
100	14.213	34.12	25.48
120	11.679	34.06	25.94
140	11.415	34.10	26.02
160	11.199	34.13	26.08
180	10.970	34.12	26.12
200	10.828	34.15	26.17
220	10.631	34.17	26.21
240	10.440	34.20	26.27
260	10.123	34.19	26.31
277	9.808	34.15	26.34

STATION NUMBER 039

DATE 02/02/74 LONG. 155:15 LAT. 35:09
START TIME 0405 BOTTOM TIME 0419

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.579	34.13	25.41
10	14.592	34.15	25.42
20	14.614	34.16	25.43
30	14.658	34.19	25.43
40	14.705	34.21	25.44
50	14.707	34.20	25.43
60	14.706	34.19	25.43
70	14.704	34.19	25.43
80	14.600	34.17	25.44
90	14.332	34.14	25.47
100	12.712	34.16	25.82
120	11.607	34.11	25.99
140	11.418	34.13	26.05
160	11.312	34.17	26.09
180	11.062	34.16	26.13
200	10.861	34.17	26.18
220	10.691	34.19	26.22
240	10.454	34.21	26.27
260	10.265	34.22	26.32
277	9.981	34.20	26.35

STATION NUMBER 041
(REDIGITIZED)

DATE 02/02/74 LONG. 155:08 LAT. 35:09
START TIME 1003 BOTTOM TIME 1017

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.551	34.12	25.41
10	14.563	34.13	25.42
20	14.607	34.15	25.42
30	14.653	34.16	25.42
40	14.674	34.17	25.42
50	14.689	34.18	25.43
60	14.697	34.19	25.43
70	14.691	34.18	25.43
80	14.654	34.17	25.43
90	13.913	34.13	25.55
100	12.683	34.12	25.80
120	11.662	34.07	25.95
140	11.475	34.11	26.02
160	11.289	34.13	26.07
180	11.094	34.15	26.11
200	10.899	34.17	26.16
220	10.679	34.19	26.21
240	10.483	34.18	26.25
260	10.344	34.18	26.28
279	10.098	34.19	26.31

STATION NUMBER 042
(REDIGITIZED)

DATE 02/02/74 LONG. 155:08 LAT. 35:09
START TIME 1237 BOTTOM TIME 1243

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.679	34.16	25.41
10	14.617	34.16	25.43
20	14.647	34.17	25.43
30	14.659	34.19	25.44
40	14.668	34.18	25.44
50	14.669	34.19	25.44
60	14.679	34.19	25.44
70	14.675	34.19	25.44
80	14.674	34.19	25.43
90	14.562	34.15	25.43
100	13.446	34.16	25.67
120	11.721	34.07	25.94
140	11.432	34.12	26.03
160	11.255	34.13	26.08
180	11.044	34.15	26.13
186	10.943	34.14	26.14

STATION NUMBER 043
(REDIGITIZED)

DATE 02/02/74 LONG. 155:09 LAT. 35:09
START TIME 2026 BOTTOM TIME 2040

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.735	34.18	25.42
10	14.753	34.19	25.42
20	14.715	34.19	25.43
30	14.650	34.19	25.44
40	14.692	34.20	25.44
50	14.694	34.20	25.45
60	14.692	34.20	25.44
70	14.673	34.20	25.45
80	14.259	34.15	25.50
90	12.668	34.17	25.83
100	11.888	34.13	25.93
120	11.542	34.12	26.01
140	11.366	34.14	26.06
160	11.160	34.14	26.10
180	11.010	34.17	26.15
200	10.904	34.19	26.19
220	10.752	34.22	26.24
240	10.435	34.19	26.27
260	10.329	34.23	26.32
274	10.114	34.21	26.34

STATION NUMBER 044
(REDIGITIZED)

DATE 02/02/74 LONG. 155:08 LAT. 35:09
START TIME 2350 BOTTOM TIME 0006

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.653	34.19	25.44
10	14.653	34.19	25.44
20	14.653	34.19	25.44
30	14.642	34.19	25.44
40	14.631	34.19	25.44
50	14.627	34.19	25.44
60	14.664	34.20	25.44
70	14.667	34.19	25.44
80	14.295	34.12	25.46
90	13.668	34.20	25.66
100	11.954	34.11	25.92
120	11.648	34.13	26.00
140	11.434	34.14	26.05
160	11.192	34.15	26.10
180	11.000	34.15	26.14
200	10.849	34.17	26.17
220	10.625	34.20	26.24
240	10.468	34.21	26.27
260	10.296	34.23	26.30
280	10.165	34.23	26.34
283	10.090	34.22	26.35

STATION NUMBER 04[illegible]
(REDIGITIZED)

DATE 02/03/74 LONG. 155:[illegible] LAT. 35:08
START TIME 0422 BOTTOM [illegible]ME 0436

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.537	34.16	25.44
10	14.558	34.15	25.43
20	14.568	34.15	25.43
30	14.574	34.15	25.43
40	14.593	34.17	25.44
50	14.621	34.19	25.44
60	14.605	34.18	25.44
70	14.515	34.15	25.44
80	14.338	34.12	25.46
90	13.629	34.20	25.67
100	12.337	34.12	25.96
120	11.617	34.14	26.01
140	11.319	34.14	26.07
160	11.068	34.16	26.13
180	10.867	34.17	26.18
200	10.579	34.19	26.24
220	10.322	34.20	26.29
240	10.078	34.19	26.32
254	10.075	34.22	26.35

STATION NUMBER 045
(REDIGITIZED)

DATE 02/03/74 LONG. 155:15 LAT. 35:08
START TIME 0604 BOTTOM TIME 0617

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.563	34.14	25.43
10	14.563	34.14	25.43
20	14.564	34.14	25.43
30	14.611	34.17	25.44
40	14.611	34.17	25.44
50	14.611	34.17	25.44
60	14.605	34.17	25.44
70	14.543	34.15	25.44
80	14.307	34.11	25.46
90	13.930	34.21	25.63
100	12.318	34.12	25.87
120	11.681	34.11	25.98
140	11.423	34.13	26.05
160	11.188	34.14	26.09
180	10.979	34.16	26.14
200	10.757	34.19	26.20
220	10.544	34.19	26.24
240	10.364	34.21	26.29
260	10.064	34.19	26.33
262	10.054	34.19	26.33

STATION NUMBER 0[illegible]
(REDIGITIZED)

DATE 02/03/74 LONG. 155:15 LAT. 35:08
START TIME 0816 BOTTOM [illegible]ME 0845

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.542	34.15	[illegible]
10	14.538	34.14	[illegible]
20	14.556	34.14	[illegible]
30	14.544	34.14	[illegible]
40	14.591	34.15	[illegible]
50	14.615	34.17	[illegible]
60	14.636	34.18	[illegible]
70	14.440	34.13	[illegible]
80	14.307	34.15	[illegible]
90	13.849	34.19	[illegible]
100	12.002	34.11	[illegible]
120	11.653	34.12	[illegible]
140	11.453	34.14	[illegible]
160	11.271	34.15	[illegible]
180	11.035	34.15	[illegible]
200	10.967	34.17	[illegible]
220	10.673	34.19	[illegible]
240	10.269	34.15	[illegible]
260	10.059	34.16	[illegible]
263	10.124	34.15	[illegible]

STATION NUMBER 048
(REDIGITIZED)

DATE 02/07/74 LONG. 155:15 LAT. 35:08
START TIME 1006 BOTTOM TIME 1020

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.537	34.14	25.43
10	14.537	34.14	25.43
20	14.542	34.13	25.42
30	14.542	34.14	25.43
40	14.542	34.14	25.43
50	14.571	34.16	25.44
60	14.598	34.17	25.44
70	14.500	34.15	25.44
80	14.318	34.12	25.46
90	14.209	34.10	25.47
100	13.914	34.25	25.64
120	11.919	34.13	25.95
140	11.603	34.13	26.01
160	11.345	34.14	26.06
180	11.164	34.15	26.11
200	10.935	34.15	26.16
220	10.670	34.17	26.21
240	10.449	34.18	26.26
259	10.113	34.16	26.30

STATION NUMBER 049
(REDIGITIZED)

DATE 02/07/74 LONG. 155:15 LAT. 35:08
START TIME 1217 BOTTOM TIME 1232

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.582	34.14	25.42
10	14.561	34.14	25.43
20	14.563	34.14	25.43
30	14.558	34.15	25.43
40	14.558	34.15	25.43
50	14.547	34.14	25.43
60	14.552	34.15	25.43
70	14.553	34.15	25.44
80	14.389	34.13	25.46
90	14.569	34.21	25.48
100	12.691	34.14	25.81
120	11.906	34.14	25.96
140	11.577	34.14	26.02
160	11.319	34.15	26.08
180	11.162	34.17	26.12
200	10.921	34.17	26.16
220	10.710	34.19	26.21
240	10.531	34.19	26.25
260	10.168	34.17	26.29
265	10.095	34.17	26.30

STATION NUMBER 050
(REDIGITIZED)

DATE 02/03/74 LONG. 155:15 LAT. 35:09
START TIME 1434 BOTTOM TIME 1449

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.579	34.14	25.42
10	14.579	34.14	25.42
20	14.574	34.14	25.42
30	14.573	34.14	25.42
40	14.563	34.14	25.42
50	14.569	34.15	25.43
60	14.621	34.17	25.43
70	14.551	34.14	25.43
80	14.416	34.14	25.45
90	14.538	34.25	25.52
100	12.752	34.11	25.77
120	11.830	34.11	25.95
140	11.502	34.12	26.02
160	11.373	34.14	26.06
180	11.194	34.17	26.11
200	11.051	34.17	26.14
220	10.750	34.17	26.20
240	10.509	34.17	26.23
260	10.276	34.17	26.28
267	10.144	34.17	26.30

STATION NUMBER 051
(REDIGITIZED)

DATE 02/03/74 LONG. 155:15 LAT. 35:09
START TIME 1630 BOTTOM TIME 1653

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.561	34.12	25.41
10	14.582	34.14	25.42
20	14.584	34.14	25.42
30	14.579	34.14	25.42
40	14.579	34.15	25.42
50	14.579	34.15	25.42
60	14.545	34.15	25.43
70	14.536	34.15	25.44
80	14.307	34.15	25.49
90	13.688	34.19	25.64
100	12.734	34.13	25.76
120	11.963	34.20	26.00
140	11.505	34.17	26.06
160	11.403	34.20	26.10
180	11.205	34.19	26.13
200	10.939	34.20	26.18
220	10.566	34.19	26.24
240	10.239	34.17	26.29
260	10.037	34.17	26.32

STATION NUMBER 052
(REDIGITIZED)

DATE 02/03/74 LONG. 155:15 LAT. 35:08
START TIME 1824 BOTTOM TIME 1839

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.544	34.17	25.45
10	14.571	34.15	25.43
20	14.582	34.15	25.43
30	14.579	34.15	25.43
40	14.578	34.15	25.43
50	14.551	34.16	25.44
60	14.553	34.17	25.44
70	14.570	34.21	25.48
80	14.509	34.24	25.51
90	13.544	34.13	25.63
100	12.487	34.13	25.39
120	12.197	34.29	26.01
140	11.701	34.25	26.09
160	11.268	34.21	26.13
180	11.176	34.22	26.16
200	11.062	34.22	26.22
220	10.544	34.20	26.26
240	10.293	34.20	26.30
256	10.053	34.19	26.33

STATION NUMBER 053
(REDIGITIZED)

DATE 02/03/74 LONG. 155:15 LAT. 35:08
START TIME 2034 BOTTOM TIME 2048

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.568	34.16	25.43
10	14.568	34.15	25.43
20	14.574	34.15	25.43
30	14.574	34.15	25.43
40	14.579	34.15	25.43
50	14.548	34.16	25.44
60	14.706	34.24	25.47
70	14.603	34.22	25.48
80	13.756	34.11	25.57
90	13.309	34.11	25.66
100	12.678	34.15	25.83
120	12.207	34.27	26.00
140	11.839	34.25	26.08
160	11.445	34.23	26.12
180	11.133	34.22	26.15
200	10.933	34.23	26.21
220	10.584	34.22	26.26
240	10.294	34.21	26.30
260	10.173	34.22	26.34
263	10.093	34.23	26.35

STATION NUMBER 054

DATE 02/03/74 LONG. 155:15 LAT. 35:09
START TIME 2204 BOTTOM TIME 2217

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.612	34.15	25.42
10	14.609	34.15	25.43
20	14.613	34.15	25.42
30	14.615	34.15	25.42
40	14.609	34.15	25.43
50	14.598	34.16	25.43
60	14.583	34.16	25.44
70	14.699	34.24	25.47
80	14.098	34.14	25.52
90	13.823	34.07	25.53
100	13.197	34.11	25.69
120	12.311	34.22	25.95
140	12.045	34.29	26.04
160	11.394	34.17	26.08
180	11.397	34.24	26.13
200	11.166	34.22	26.16
220	10.494	34.23	26.21
240	10.571	34.21	26.26
260	10.201	34.19	26.30
271	10.148	34.21	26.33

STATION NUMBER 055

DATE 02/04/74 LONG. 155:22 LAT. 35:05
START TIME 0018 BOTTOM TIME 0032

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.607	34.15	25.43
10	14.604	34.15	25.43
20	14.609	34.15	25.43
30	14.611	34.15	25.43
40	14.602	34.16	25.43
50	14.595	34.15	25.43
60	14.622	34.19	25.44
70	14.371	34.17	25.48
80	14.016	34.09	25.50
90	13.625	34.04	25.54
100	13.143	34.10	25.69
120	12.495	34.29	25.96
140	11.980	34.27	26.04
160	11.654	34.27	26.10
180	11.179	34.22	26.15
200	11.013	34.24	26.20
220	10.696	34.22	26.24
240	10.492	34.23	26.28
260	10.063	34.19	26.32
280	9.840	34.19	26.36
285	9.801	34.19	26.37

STATION NUMBER 056

DATE 02/04/74 LONG. 155:22 LAT. 35:05
START TIME 0208 BOTTOM TIME 0221

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.604	34.15	25.42
10	14.608	34.15	25.42
20	14.609	34.15	25.42
30	14.607	34.15	25.42
40	14.600	34.15	25.43
50	14.598	34.15	25.43
60	14.670	34.20	25.45
70	14.177	34.10	25.48
80	13.865	34.06	25.51
90	13.633	34.03	25.53
100	13.306	34.07	25.63
120	12.369	34.25	25.96
140	11.779	34.22	26.04
160	11.491	34.22	26.10
180	11.156	34.21	26.15
200	11.021	34.24	26.20
220	10.703	34.22	26.24
240	10.528	34.23	26.28
260	10.095	34.19	26.32
272	9.960	34.19	26.34

STATION NUMBER 057

DATE 02/04/74 LONG. 155:22 LAT. 35:05
START TIME 0357 BOTTOM TIME 0412

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.604	34.15	25.42
10	14.609	34.15	25.42
20	14.609	34.15	25.42
30	14.605	34.15	25.42
40	14.597	34.15	25.42
50	14.599	34.16	25.43
60	14.657	34.19	25.44
70	14.035	34.09	25.49
80	13.631	34.02	25.53
90	13.491	34.04	25.57
100	12.795	34.16	25.80
120	12.092	34.23	25.99
140	11.919	34.26	26.05
160	11.643	34.26	26.10
180	11.417	34.24	26.13
200	11.126	34.24	26.19
220	10.803	34.22	26.23
240	10.511	34.22	26.27
260	10.164	34.20	26.32
272	9.945	34.15	26.34

STATION NUMBER 058

DATE 02/04/74 LONG. 155:22 LAT. 35:05
START TIME 0604 BOTTOM TIME 0619

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.606	34.19	25.45
10	14.613	34.19	25.45
20	14.623	34.19	25.45
30	14.614	34.19	25.45
40	14.607	34.19	25.45
50	14.602	34.19	25.45
60	14.534	34.19	25.46
70	14.020	34.19	25.51
80	13.636	34.05	25.55
90	13.519	34.09	25.59
100	12.839	34.23	25.85
120	12.218	34.30	26.03
140	12.009	34.32	26.08
160	11.710	34.31	26.13
180	11.351	34.26	26.16
200	11.123	34.29	26.21
220	10.764	34.25	26.26
240	10.394	34.24	26.31
260	9.959	34.20	26.35
269	9.775	34.19	26.38

STATION NUMBER 059

DATE 02/04/74 LONG. 155:22 LAT. 35:05
START TIME 0806 BOTTOM TIME 1820

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.651	34.13	25.44
10	14.659	34.13	25.44
20	14.661	34.21	25.45
30	14.658	34.20	25.45
40	14.600	34.13	25.45
50	14.585	34.13	25.46
60	14.426	34.17	25.47
70	14.142	34.13	25.50
80	13.709	34.05	25.54
90	13.618	34.04	25.55
100	13.434	34.08	25.61
120	12.129	34.25	26.10
140	12.099	34.29	26.14
160	11.946	34.32	26.19
180	11.707	34.29	26.21
200	11.443	34.27	26.25
220	11.293	34.25	26.29
240	10.943	34.24	26.33
260	10.499	34.24	26.39
268	10.361	34.23	26.41

STATION NUMBER 060

DATE 02/04/74 LONG. 155:22 LAT. 35:05
START TIME 1040 BOTTOM TIME 1110

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.695	34.20	25.44
10	14.689	34.20	25.44
20	14.694	34.20	25.44
30	14.706	34.21	25.45
40	14.719	34.21	25.45
50	14.695	34.22	25.45
60	14.674	34.22	25.46
70	14.204	34.14	25.50
80	13.639	34.03	25.53
90	13.605	34.03	25.54
100	13.511	34.04	25.57
120	12.300	34.24	25.96
140	12.115	34.29	26.03
160	11.903	34.29	26.07
180	11.645	34.29	26.12
200	11.339	34.27	26.16
220	11.080	34.25	26.21
240	10.599	34.23	26.27
260	10.259	34.22	26.31
290	9.942	34.16	26.34
300	9.779	34.13	26.37
311	9.680	34.13	26.40

STATION NUMBER 061

DATE 02/04/74 LONG. 155:22 LAT. 35:05
START TIME 1301 BOTTOM TIME 1315

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.892	34.21	25.41
10	14.799	34.23	25.44
20	14.790	34.23	25.45
30	14.776	34.23	25.45
40	14.756	34.23	25.45
50	14.743	34.22	25.46
60	14.684	34.22	25.46
70	14.666	34.23	25.47
80	14.077	34.12	25.51
90	13.741	34.04	25.52
100	13.599	34.04	25.55
120	12.437	34.27	25.95
140	12.085	34.25	26.02
160	11.912	34.28	26.06
180	11.696	34.29	26.11
200	11.340	34.27	26.17
220	10.973	34.25	26.22
240	10.532	34.22	26.27
260	10.060	34.17	26.31

STATION NUMBER 062

DATE 02/04/74 LONG. 155:22 LAT. 35:05
START TIME 1419 BOTTOM TIME 1432

DEPTH	TEMP	SALINITY	SIGMA-T
0	15.064	34.22	25.38
10	14.813	34.22	25.43
20	14.798	34.22	25.43
30	14.798	34.22	25.43
40	14.791	34.22	25.44
50	14.709	34.21	25.44
60	14.646	34.21	25.45
70	14.581	34.20	25.47
80	14.275	34.12	25.47
90	13.629	34.03	25.53
100	13.289	34.18	25.72
120	12.341	34.24	25.95
140	12.050	34.24	26.01
160	11.905	34.25	26.06
180	11.708	34.29	26.11
200	11.298	34.25	26.17
220	10.872	34.22	26.21
240	10.541	34.21	26.26
260	10.185	34.15	26.32
269	9.929	34.15	26.34

STATION NUMBER 063

DATE 02/04/74 LONG. 155:22 LAT. 35:05
START TIME 1551 BOTTOM TIME 1605

DEPTH	TEMP	SALINITY	SIGMA-T
0	15.070	34.22	25.38
10	14.834	34.24	25.44
20	14.820	34.24	25.44
30	14.814	34.24	25.44
40	14.807	34.23	25.44
50	14.746	34.22	25.45
60	14.677	34.22	25.46
70	14.550	34.20	25.47
80	14.149	34.13	25.50
90	13.932	34.10	25.55
100	12.960	34.17	25.77
120	11.748	34.12	25.97
140	12.045	34.25	26.02
160	11.927	34.27	26.08
180	11.614	34.30	26.14
200	11.282	34.29	26.19
220	10.876	34.25	26.24
240	10.484	34.22	26.28
260	10.117	34.21	26.33
270	9.785	34.15	26.35

STATION NUMBER 064

DATE 02/04/74 LONG. 155:22 LAT. 35:05
START TIME 1807 BOTTOM TIME 1821

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.987	34.23	25.40
10	14.957	34.23	25.43
20	14.837	34.23	25.43
30	14.829	34.23	25.44
40	14.821	34.23	25.44
50	14.772	34.22	25.44
60	14.601	34.20	25.46
70	14.330	34.15	25.49
80	13.960	34.11	25.52
90	13.352	34.11	25.65
100	12.145	34.12	25.90
120	11.964	34.20	25.99
140	11.982	34.25	26.04
160	11.768	34.25	26.08
180	11.677	34.31	26.13
200	11.275	34.29	26.18
220	10.817	34.24	26.24
240	10.494	34.21	26.27
260	10.107	34.21	26.33
273	9.929	34.20	26.36

STATION NUMBER 065

DATE 02/04/74 LONG. 155:22 LAT. 35:05
START TIME 2006 BOTTOM TIME 2020

DEPTH	TEMP	SALINITY	SIGMA-T
0	15.149	34.22	25.36
10	14.967	34.24	25.43
20	14.838	34.23	25.43
30	14.831	34.23	25.44
40	14.827	34.23	25.44
50	14.797	34.23	25.44
60	14.690	34.21	25.45
70	14.493	34.18	25.47
80	14.056	34.10	25.50
90	13.677	34.14	25.61
100	12.331	34.14	25.88
120	11.938	34.20	26.00
140	12.029	34.26	26.02
160	11.920	34.27	26.07
180	11.720	34.31	26.13
200	11.477	34.29	26.16
220	11.200	34.29	26.20
240	10.665	34.22	26.25
260	10.499	34.23	26.29
280	10.127	34.20	26.33
293	10.061	34.21	26.34

STATION NUMBER 066

DATE 02/04/74 LONG. 155:22 LAT. 35:05
START TIME 2309 BOTTOM TIME 2324

DEPTH	TEMP	SALINITY	SIGMA-T
0	15.069	34.23	25.39
10	14.962	34.24	25.41
20	14.856	34.23	25.43
30	14.841	34.23	25.44
40	14.840	34.24	25.44
50	14.814	34.23	25.44
60	14.712	34.21	25.45
70	14.599	34.20	25.46
80	14.345	34.15	25.48
90	14.009	34.13	25.53
100	13.629	34.11	25.60
120	12.446	34.25	25.95
140	11.917	34.20	26.00
160	11.869	34.26	26.06
180	11.713	34.29	26.10
200	11.401	34.27	26.16
220	11.233	34.28	26.19
240	10.833	34.26	26.25
260	10.539	34.23	26.28
280	10.074	34.20	26.33
291	9.911	34.19	26.35

STATION NUMBER 067

DATE 02/05/74 LONG. 155:25 LAT. 35:02
START TIME 0218 BOTTOM TIME 0232

DEPTH	TEMP	SALINITY	SIGMA-T
0	15.073	34.24	25.39
10	14.967	34.24	25.43
20	14.855	34.23	25.43
30	14.851	34.23	25.43
40	14.845	34.23	25.43
50	14.819	34.23	25.44
60	14.759	34.22	25.44
70	14.543	34.19	25.47
80	14.166	34.12	25.49
90	14.001	34.11	25.52
100	13.513	34.11	25.62
120	12.369	34.25	25.96
140	12.024	34.25	26.02
160	11.911	34.25	26.07
180	11.721	34.30	26.12
200	11.402	34.29	26.17
220	11.041	34.29	26.22
240	10.648	34.24	26.27
250	10.422	34.24	26.30

STATION NUMBER 068

DATE 02/05/74 LONG. 155:25 LAT. 35:02
START TIME 0418 BOTTOM TIME 0432

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.993	34.24	25.40
10	14.943	34.24	25.42
20	14.940	34.24	25.44
30	14.939	34.24	25.44
40	14.833	34.23	25.44
50	14.718	34.21	25.44
60	14.671	34.21	25.45
70	14.547	34.19	25.46
80	14.096	34.11	25.50
90	13.770	34.11	25.57
100	13.090	34.14	25.73
120	12.099	34.13	25.96
140	12.034	34.25	26.03
160	11.702	34.25	26.09
180	11.681	34.32	26.14
200	11.239	34.29	26.19
220	10.959	34.27	26.23
240	10.559	34.24	26.28
260	10.185	34.21	26.32
274	9.903	34.19	26.36

STATION NUMBER 069

DATE 02/05/74 LONG. 155:25 LAT. 35:02
START TIME 0650 BOTTOM TIME 0704

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.938	34.23	25.41
10	14.898	34.25	25.44
20	14.867	34.25	25.44
30	14.858	34.25	25.44
40	14.838	34.24	25.44
50	14.673	34.21	25.46
60	14.536	34.19	25.46
70	14.241	34.12	25.48
80	14.100	34.11	25.50
90	13.793	34.07	25.53
100	13.338	34.03	25.64
120	11.838	34.10	25.94
140	12.043	34.25	26.02
160	11.855	34.27	26.07
180	11.702	34.29	26.11
200	11.648	34.33	26.15
220	11.221	34.23	26.21
240	10.946	34.27	26.24
260	10.466	34.24	26.30
271	10.219	34.23	26.33

STATION NUMBER 070

DATE 02/05/74 LONG. 155:25 LAT. 35:02
START TIME 0836 BOTTOM TIME 0850

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.892	34.24	25.43
10	14.889	34.24	25.43
20	14.871	34.25	25.44
30	14.866	34.25	25.44
40	14.860	34.25	25.44
50	14.665	34.21	25.46
60	14.198	34.10	25.47
70	13.997	34.10	25.51
80	13.601	34.04	25.54
90	13.238	34.07	25.64
100	12.482	34.15	25.86
120	11.840	34.14	25.97
140	12.015	34.26	26.03
160	11.836	34.27	26.07
180	11.716	34.31	26.13
200	11.583	34.32	26.16
220	11.136	34.29	26.21
240	10.822	34.26	26.25
260	10.332	34.22	26.31
268	10.196	34.22	26.33

STATION NUMBER 071

DATE 02/05/74 LONG. 155:25 LAT. 35:02
START TIME 1023 BOTTOM TIME 1038

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.916	34.24	25.42
10	14.892	34.24	25.43
20	14.871	34.25	25.44
30	14.865	34.25	25.44
40	14.855	34.25	25.44
50	14.792	34.24	25.45
60	14.066	34.08	25.49
70	13.700	34.04	25.53
80	13.564	34.02	25.54
90	13.510	34.04	25.57
100	12.930	34.17	25.80
120	11.873	34.13	25.96
140	11.951	34.22	26.01
160	11.874	34.27	26.07
180	11.697	34.29	26.11
200	11.631	34.31	26.15
220	11.365	34.30	26.18
240	10.940	34.27	26.24
260	10.577	34.24	26.29
280	10.137	34.20	26.33
294	9.972	34.20	26.35

STATION NUMBER 072

DATE 02/05/74 LONG. 155:25 LAT. 35:02
START TIME 1253 BOTTOM TIME 1306

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.927	34.21	25.40
10	14.901	34.21	25.41
20	14.860	34.22	25.42
30	14.850	34.22	25.42
40	14.837	34.22	25.43
50	14.815	34.22	25.43
60	14.733	34.21	25.44
70	14.153	34.13	25.48
80	13.865	34.03	25.49
90	13.602	34.01	25.52
100	13.546	34.04	25.56
120	12.138	34.15	25.92
140	12.070	34.22	25.99
160	11.898	34.24	26.04
180	11.747	34.24	26.07
200	11.705	34.38	26.12
220	11.249	34.25	26.17
240	10.850	34.24	26.23
260	10.413	34.21	26.29
280	10.108	34.19	26.32
296	9.980	34.19	26.34

STATION NUMBER 073

DATE 02/05/74 LONG. 155:25 LAT. 35:02
START TIME 1445 BOTTOM TIME 1458

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.906	34.19	25.39
10	14.900	34.19	25.39
20	14.887	34.20	25.40
30	14.827	34.21	25.42
40	14.796	34.21	25.42
50	14.650	34.17	25.43
60	14.275	34.09	25.44
70	14.000	34.06	25.48
80	14.001	34.05	25.50
90	13.636	34.02	25.53
100	13.546	34.14	25.53
120	12.198	34.23	25.97
140	11.867	34.23	26.04
160	11.740	34.25	26.08
180	11.634	34.23	26.13
200	11.217	34.25	26.17
220	10.953	34.25	26.22
240	10.543	34.21	26.26
259	10.222	34.19	26.30

STATION NUMBER 074

DATE 02/05/74 LONG. 155:25 LAT. 35:02
START TIME 1640 BOTTOM TIME 1656

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.875	34.17	25.38
10	14.872	34.18	25.38
20	14.852	34.18	25.39
30	14.729	34.17	25.41
40	14.598	34.14	25.42
50	14.354	34.09	25.42
60	14.343	34.11	25.45
70	14.134	34.09	25.48
80	13.733	34.01	25.50
90	13.524	33.99	25.53
100	13.391	34.09	25.62
120	12.290	34.21	25.94
140	11.960	34.22	26.01
160	11.761	34.25	26.07
180	11.762	34.22	26.12
200	11.131	34.23	26.17
220	10.893	34.23	26.22
240	10.478	34.19	26.25
249	10.333	34.19	26.27

STATION NUMBER 075

DATE 02/05/74 LONG. 155:25 LAT. 35:02
START TIME 1826 BOTTOM TIME 1839

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.849	34.14	25.36
10	14.840	34.15	25.38
20	14.837	34.17	25.38
30	14.731	34.15	25.40
40	14.410	34.09	25.42
50	14.450	34.13	25.44
60	14.241	34.09	25.45
70	13.981	34.05	25.48
80	13.582	33.99	25.51
90	13.384	34.02	25.58
100	12.662	34.10	25.78
120	11.759	34.11	25.96
140	12.159	34.29	26.02
160	11.549	34.20	26.07
180	11.392	34.21	26.13
200	11.948	34.20	26.18
220	10.610	34.18	26.22
240	10.489	34.18	26.25
260	10.199	34.17	26.29
271	9.943	34.15	26.33

STATION NUMBER 076

DATE 02/05/74 LONG. 155:25 LAT. 35:02
START TIME 2015 BOTTOM TIME 2029

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.939	34.15	25.37
10	14.941	34.17	25.39
20	14.936	34.20	25.41
30	14.918	34.20	25.42
40	14.667	34.13	25.44
50	14.601	34.19	25.44
60	14.624	34.19	25.45
70	14.275	34.13	25.48
80	14.296	34.15	25.49
90	13.724	34.04	25.52
100	13.682	34.07	25.55
120	11.962	34.09	25.93
140	11.555	34.13	26.02
160	11.490	34.15	26.06
180	11.317	34.17	26.09
200	10.966	34.16	26.17
220	10.763	34.21	26.22
240	10.588	34.21	26.26
260	10.295	34.21	26.30
280	9.955	34.19	26.35

STATION NUMBER 077

DATE 02/05/74 LONG. 155:25 LAT. 35:02
START TIME 2220 BOTTOM TIME 2226

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.937	34.16	25.38
10	14.835	34.17	25.39
20	14.932	34.19	25.40
30	14.796	34.19	25.41
40	14.674	34.13	25.44
50	14.663	34.19	25.44
60	14.579	34.17	25.45
70	14.540	34.18	25.46
80	14.286	34.15	25.49
90	14.106	34.13	25.53
100	13.672	34.13	25.65
120	11.712	34.10	25.96
140	11.535	34.13	26.02
160	11.280	34.15	26.08
180	11.109	34.16	26.12
200	11.000	34.17	26.15
220	10.743	34.19	26.20
240	10.562	34.20	26.25
260	10.268	34.20	26.30
274	9.977	34.19	26.34

STATION NUMBER 078

DATE 02/06/74 LONG. 155:24 LAT. 35:04
START TIME 0036 BOTTOM TIME 0049

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.925	34.17	25.39
10	14.924	34.19	25.39
20	14.914	34.19	25.40
30	14.762	34.19	25.41
40	14.634	34.19	25.44
50	14.530	34.17	25.46
60	14.530	34.16	25.45
70	14.309	34.12	25.46
80	14.350	34.15	25.48
90	14.176	34.13	25.54
100	13.330	34.13	25.71
120	11.732	34.11	25.97
140	11.507	34.13	26.03
160	11.258	34.14	26.08
180	11.105	34.16	26.13
200	10.994	34.15	26.16
220	10.821	34.18	26.19
240	10.648	34.23	26.26
250	10.266	34.19	26.30
279	9.978	34.19	26.34

STATION NUMBER 079

DATE 02/06/74 LONG. 155:24 LAT. 35:04
START TIME 0230 BOTTOM TIME 0244

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.833	34.15	25.38
10	14.812	34.17	25.39
20	14.801	34.17	25.40
30	14.654	34.19	25.43
40	14.495	34.15	25.44
50	14.405	34.13	25.45
60	14.304	34.11	25.46
70	14.309	34.13	25.47
80	14.345	34.15	25.49
90	14.140	34.19	25.55
100	13.044	34.15	25.76
120	11.790	34.11	25.96
140	11.532	34.12	26.02
160	11.402	34.15	26.06
180	11.127	34.15	26.11
200	11.104	34.13	26.14
220	10.825	34.18	26.19
240	10.600	34.22	26.26
244	10.554	34.22	26.27

STATION NUMBER 080

DATE 02/06/74 LONG. 155:24 LAT. 35:04
START TIME 0434 BOTTOM TIME 0449

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.771	34.16	25.40
10	14.779	34.17	25.40
20	14.791	34.17	25.40
30	14.746	34.19	25.41
40	14.539	34.15	25.44
50	14.405	34.13	25.45
60	14.389	34.13	25.45
70	14.400	34.15	25.46
80	14.397	34.17	25.48
90	14.112	34.19	25.56
100	13.268	34.19	25.73
120	11.990	34.11	25.94
140	11.535	34.13	26.02
160	11.523	34.17	26.06
180	11.163	34.15	26.10
200	11.367	34.24	26.14
220	10.980	34.21	26.18
240	10.659	34.22	26.25
260	10.326	34.20	26.29
280	10.029	34.19	26.34
296	9.782	34.19	26.37

STATION NUMBER [illegible]

DATE 02/06/74 LONG. 155:[illegible] LAT. 35:04
START TIME 0705 BOTTOM TIME 0721

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.721	34.15	25.41
10	14.737	34.15	25.40
20	14.743	34.17	25.41
30	14.495	34.16	25.45
40	14.431	34.14	25.45
50	14.398	34.12	25.45
60	14.247	34.10	25.46
70	14.390	34.17	25.48
80	14.188	34.18	25.54
90	13.972	34.20	25.60
100	12.224	34.14	25.90
120	11.670	34.12	25.99
140	11.539	34.17	26.05
160	11.216	34.15	26.10
180	11.367	34.24	26.14
200	11.007	34.22	26.19
220	10.656	34.20	26.24
240	10.335	34.20	26.29
260	10.134	34.20	26.33
276	9.855	34.19	26.36

STATION NUMBER 092

DATE 02/06/74 LONG. 155:24 LAT. 35:04
START TIME 0906 BOTTOM TIME 0925

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.719	34.15	25.41
10	14.719	34.16	25.41
20	14.710	34.16	25.41
30	14.463	34.14	25.45
40	14.458	34.14	25.45
50	14.381	34.12	25.45
60	14.251	34.10	25.46
70	14.266	34.12	25.47
80	14.173	34.13	25.50
90	14.095	34.14	25.55
100	13.039	34.19	25.78
120	11.626	34.10	25.98
140	11.508	34.14	26.03
160	11.295	34.16	26.09
180	11.060	34.15	26.13
200	10.825	34.13	26.19
220	10.631	34.13	26.23
240	10.548	34.22	26.27
260	10.202	34.20	26.31
275	9.976	34.20	26.37

STATION NUMBER [illegible]

DATE 02/06/74 LONG. 155:[illegible] LAT. 35:04
START TIME 1058 BOTTOM TIME 1114

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.764	34.16	25.39
10	14.733	34.15	25.40
20	14.669	34.15	25.41
30	14.461	34.15	25.45
40	14.484	34.16	25.45
50	14.378	34.13	25.46
60	14.277	34.11	25.46
70	14.213	34.13	25.46
80	14.362	34.17	25.49
90	14.251	34.18	25.52
100	13.733	34.20	25.65
120	11.781	34.13	25.98
140	11.549	34.14	26.03
160	11.298	34.15	26.08
180	11.105	34.16	26.12
200	10.996	34.18	26.18
220	10.698	34.19	26.22
240	10.523	34.21	26.26
260	10.340	34.21	26.30
264	10.271	34.20	26.30

STATION NUMBER 084

DATE 02/06/74 LONG. 155:24 LAT. 35:04
START TIME 1309 BOTTOM TIME 1324

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.800	34.15	25.39
10	14.741	34.15	25.40
20	14.661	34.15	25.41
30	14.569	34.17	25.45
40	14.572	34.19	25.45
50	14.495	34.15	25.45
60	14.466	34.15	25.46
70	14.319	34.13	25.47
80	14.317	34.15	25.49
90	14.165	34.15	25.52
100	13.915	34.13	25.55
120	12.335	34.15	25.99
140	11.618	34.13	26.11
160	11.443	34.14	26.05
180	11.262	34.17	26.10
200	11.080	34.19	26.15
220	10.789	34.19	26.19
240	10.599	34.19	26.24
260	10.347	34.20	26.28
269	10.260	34.20	25.30

STATION NUMBER 085
(REDIGITIZED)

DATE 02/06/74 LONG. 155:24 LAT. 35:04
START TIME 1720 BOTTOM TIME 1738

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.632	34.19	25.44
10	14.632	34.19	25.44
20	14.619	34.18	25.45
30	14.550	34.19	25.46
40	14.257	34.14	25.49
50	14.272	34.18	25.52
60	13.794	34.07	25.53
70	13.648	34.05	25.55
80	13.541	34.05	25.57
90	13.468	34.05	25.59
100	13.133	34.06	25.66
120	11.710	34.18	26.02
140	11.479	34.17	26.06
160	11.269	34.18	26.11
180	10.995	34.17	26.15
200	10.902	34.20	26.19
220	10.751	34.24	26.25
240	10.450	34.23	26.29
260	10.146	34.22	26.34
261	10.120	34.22	26.34

STATION NUMBER 086
(REDIGITIZED)

DATE 02/06/74 LONG. 155:24 LAT. 35:04
START TIME 1926 BOTTOM TIME 1944

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.632	34.19	25.45
10	14.632	34.20	25.45
20	14.611	34.20	25.46
30	14.559	34.19	25.46
40	14.470	34.20	25.49
50	14.267	34.15	25.49
60	13.897	34.09	25.52
70	13.631	34.10	25.55
80	13.485	34.06	25.58
90	13.452	34.05	25.59
100	12.871	34.08	25.72
120	11.815	34.15	25.99
140	11.540	34.19	26.05
160	11.316	34.19	26.10
180	11.060	34.19	26.15
200	10.957	34.23	26.21
220	10.722	34.24	26.25
240	10.415	34.25	26.31
260	10.057	34.23	26.36

STATION NUMBER 087
(REDIGITIZED)

DATE 02/06/74 LONG. 155:24 LAT. 35:04
START TIME 2215 BOTTOM TIME 2230

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.653	34.21	25.46
10	14.652	34.21	25.46
20	14.658	34.21	25.46
30	14.644	34.22	25.46
40	14.608	34.22	25.47
50	14.400	34.20	25.50
60	13.998	34.11	25.52
70	13.728	34.07	25.55
80	13.522	34.05	25.57
90	13.490	34.07	25.59
100	13.238	34.09	25.65
120	11.804	34.17	26.00
140	11.415	34.17	26.07
160	11.139	34.20	26.13
167	11.111	34.20	26.15

STATION NUMBER 088
(REDIGITIZED)

DATE 02/07/74 LONG. 155:21 LAT. 35:05
START TIME 0022 BOTTOM TIME 0043

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.642	34.20	25.45
10	14.642	34.20	25.45
20	14.644	34.20	25.45
30	14.633	34.20	25.46
40	14.569	34.20	25.47
50	14.359	34.16	25.49
60	13.928	34.09	25.51
70	13.666	34.05	25.54
80	13.526	34.05	25.57
90	13.502	34.06	25.58
100	12.800	34.07	25.74
120	11.882	34.19	26.00
140	11.457	34.14	26.05
160	11.276	34.17	26.10
180	11.097	34.19	26.15
197	10.997	34.22	26.21

STATION NUMBER 089
(REDIGITIZED)

DATE 02/07/74 LONG. 155:21 LAT. 35:05
START TIME 0244 BOTTOM TIME 0258

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.528	34.18	25.46
10	14.532	34.20	25.47
20	14.532	34.20	25.47
30	14.537	34.20	25.47
40	14.535	34.19	25.47
50	14.510	34.20	25.48
60	14.438	34.18	25.48
70	14.195	34.10	25.47
80	13.719	34.06	25.54
90	13.646	34.05	25.57
100	13.511	34.08	25.60
120	12.142	34.22	25.97
140	11.686	34.18	26.03
160	11.374	34.18	26.09
180	11.194	34.13	26.13
200	11.084	34.21	26.18
204	10.987	34.24	26.20

STATION NUMBER 090
(REDIGITIZED)

DATE 02/07/74 LONG. 155:21 LAT. 35:05
START TIME 0432 BOTTOM TIME 0450

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.579	34.20	25.46
10	14.603	34.20	25.46
20	14.616	34.20	25.46
30	14.612	34.20	25.46
40	14.616	34.20	25.46
50	14.584	34.18	25.45
60	14.192	34.12	25.48
70	13.779	34.05	25.52
80	13.595	34.07	25.57
90	13.533	34.05	25.57
100	13.526	34.07	25.58
120	12.171	34.18	25.94
140	11.672	34.13	26.04
160	11.323	34.17	26.09
180	11.190	34.19	26.13
196	11.022	34.21	26.17

STATION NUMBER 091
(REDIGITIZED)

DATE 02/07/74 LONG. 155:21 LAT. 35:05
START TIME 0635 BOTTOM TIME 0649

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.674	34.20	25.45
10	14.674	34.20	25.45
20	14.684	34.20	25.44
30	14.688	34.20	25.44
40	14.680	34.20	25.44
50	14.611	34.13	25.45
60	14.331	34.14	25.47
70	13.931	34.05	25.50
80	13.593	34.03	25.54
90	13.529	34.04	25.56
100	13.383	34.05	25.60
120	12.024	34.22	26.00
140	11.481	34.15	26.06
160	11.278	34.19	26.11
180	11.093	34.20	26.15
199	10.997	34.24	26.21

STATION NUMBER 092
(REDIGITIZED)

DATE 02/07/74 LONG. 155:21 LAT. 35:05
START TIME 0825 BOTTOM TIME 0843

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.580	34.20	25.46
10	14.584	34.20	25.47
20	14.589	34.20	25.47
30	14.589	34.20	25.47
40	14.595	34.20	25.47
50	14.552	34.19	25.47
60	13.934	34.12	25.54
70	13.656	34.06	25.55
80	13.398	34.08	25.62
90	13.319	34.07	25.63
100	12.709	34.22	25.97
120	11.797	34.20	26.03
140	11.443	34.19	26.08
160	11.287	34.21	26.13
180	11.143	34.23	26.21
200	10.703	34.23	26.25
220	10.426	34.22	26.29
240	10.231	34.21	26.31
241	10.227	34.21	26.32

STATION NUMBER 093
(REDIGITIZED)

DATE 02/07/74 LONG. 155:21 LAT. 35:05
START TIME 1020 BOTTOM TIME 1033

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.579	34.21	25.48
10	14.579	34.22	25.48
20	14.584	34.22	25.48
30	14.584	34.22	25.48
40	14.584	34.22	25.48
50	14.547	34.21	25.48
60	14.336	34.18	25.50
70	13.888	34.13	25.56
80	13.607	34.07	25.57
90	13.495	34.09	25.60
100	12.816	34.09	25.75
120	11.707	34.15	26.01
140	11.523	34.24	26.11
160	11.264	34.22	26.14
180	11.120	34.24	26.18
198	10.837	34.23	26.22

STATION NUMBER 094
(REDIGITIZED)

DATE 02/07/74 LONG. 155:21 LAT. 35:05
START TIME 1414 BOTTOM TIME 1425

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.679	34.23	25.47
10	14.679	34.23	25.47
20	14.674	34.23	25.47
30	14.674	34.24	25.47
40	14.674	34.24	25.47
50	14.674	34.24	25.47
60	14.668	34.24	25.48
70	14.538	34.21	25.48
80	14.323	34.17	25.50
90	14.170	34.15	25.52
100	14.053	34.13	25.56
120	11.779	34.12	25.97
140	11.491	34.20	26.09
147	11.408	34.20	26.10

STATION NUMBER 095

DATE 02/07/74 LONG. 155:21 LAT. 35:05
START TIME 1532 BOTTOM TIME 1545

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.722	34.21	25.44
10	14.722	34.21	25.45
20	14.717	34.21	25.45
30	14.715	34.21	25.45
40	14.708	34.21	25.45
50	14.703	34.21	25.45
60	14.701	34.22	25.45
70	14.697	34.21	25.46
80	14.626	34.20	25.46
90	14.516	34.20	25.48
100	14.297	34.18	25.51
120	12.111	34.12	25.91
140	11.666	34.17	25.83
160	11.361	34.19	25.89
180	11.179	34.20	25.14
200	10.996	34.21	26.18
207	10.904	34.21	26.20

STATION NUMBER 096

DATE 02/07/74 LONG. 155:21 LAT. 35:05
START TIME 2053 BOTTOM TIME 2107

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.691	34.19	25.44
10	14.707	34.20	25.44
20	14.710	34.19	25.43
30	14.712	34.19	25.43
40	14.710	34.19	25.43
50	14.706	34.20	25.44
60	14.700	34.20	25.44
70	14.696	34.22	25.46
80	13.732	34.22	25.66
90	12.144	34.10	25.88
100	11.894	34.15	25.98
120	11.853	34.24	26.04
140	11.301	34.19	26.10
160	11.161	34.21	26.15
180	10.958	34.20	26.18
200	10.658	34.20	26.23
202	10.659	34.20	26.24

STATION NUMBER 097

DATE 02/07/74 LONG. 155:[illegible] LAT. 35:05
START TIME 2250 BOTTOM TIME 2304

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.673	34.21	25.45
10	14.705	34.21	25.45
20	14.709	34.21	25.45
30	14.710	34.21	25.45
40	14.709	34.21	25.45
50	14.705	34.22	25.45
60	14.695	34.22	25.45
70	14.629	34.22	25.47
80	13.425	34.18	25.69
90	11.992	34.15	25.95
100	11.986	34.22	26.00
120	11.843	34.25	26.06
140	11.417	34.21	26.10
160	11.243	34.23	26.15
180	11.014	34.23	26.20
200	10.763	34.21	26.23
207	10.615	34.22	26.26

STATION NUMBER 098

DATE 02/08/74 LONG. 155:14 LAT. 35:02
START TIME 0104 BOTTOM TIME 0116

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.643	34.23	25.47
10	14.692	34.22	25.46
20	14.707	34.22	25.46
30	14.699	34.23	25.46
40	14.706	34.23	25.46
50	14.699	34.23	25.46
60	14.697	34.24	25.47
70	14.558	34.24	25.50
80	13.237	34.13	25.74
90	12.135	34.15	25.93
100	11.947	34.17	25.00
120	11.879	34.29	26.07
140	11.415	34.24	26.13
160	11.296	34.25	26.16
180	11.052	34.24	26.20
200	10.761	34.24	26.24
203	10.674	34.23	26.26

STATION NUMBER [illegible]

DATE 02/08/74 LONG. 155:[illegible] LAT. 35:02
START TIME 0310 BOTTOM TIME 0325

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.670	34.21	25.45
10	14.679	34.21	25.45
20	14.678	34.21	25.45
30	14.692	34.21	25.45
40	14.695	34.22	25.45
50	14.694	34.22	25.45
60	14.687	34.22	25.45
70	14.681	34.22	25.46
80	14.693	34.23	25.46
90	14.403	34.23	25.50
100	13.979	34.17	25.57
120	11.963	34.13	25.94
140	11.978	34.27	26.05
160	11.575	34.24	26.10
180	11.248	34.21	26.14
200	11.121	34.23	26.18
211	10.913	34.22	26.21

STATION NUMBER 100

DATE 02/08/74 LONG. 155:14 LAT. 35:02
START TIME 0500 BOTTOM TIME 0516

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.663	34.19	25.44
10	14.671	34.19	25.43
20	14.687	34.19	25.43
30	14.690	34.19	25.43
40	14.685	34.19	25.43
50	14.683	34.19	25.44
60	14.681	34.19	25.44
70	14.595	34.17	25.44
80	14.314	34.13	25.47
90	14.229	34.15	25.51
100	13.058	34.13	25.73
120	11.799	34.14	25.98
140	11.533	34.15	26.04
160	11.311	34.17	26.09
180	11.199	34.20	26.14
200	10.879	34.20	26.19
214	10.679	34.18	26.22

STATION NUMBER 101

DATE 02/08/74 LONG. 155:14 LAT. 35:02
START TIME 0648 BOTTOM TIME 0703

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.676	34.17	25.42
10	14.673	34.17	25.42
20	14.676	34.17	25.42
30	14.679	34.17	25.42
40	14.679	34.17	25.42
50	14.681	34.17	25.42
60	14.670	34.17	25.42
70	14.613	34.15	25.43
80	14.285	34.13	25.45
90	14.167	34.11	25.48
100	13.457	34.15	25.66
120	11.993	34.15	25.96
140	11.573	34.13	26.01
160	11.312	34.15	26.08
180	11.228	34.13	26.13
200	10.964	34.13	26.19
216	10.620	34.17	26.22

STATION NUMBER 102

DATE 02/08/74 LONG. 155:14 LAT. 35:02
START TIME 0925 BOTTOM TIME 0942

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.667	34.18	25.43
10	14.668	34.19	25.43
20	14.669	34.19	25.43
30	14.669	34.19	25.43
40	14.664	34.17	25.43
50	14.664	34.17	25.43
60	14.665	34.17	25.42
70	14.255	34.10	25.46
80	13.928	34.13	25.55
90	12.661	34.07	25.76
100	12.024	34.19	25.97
120	11.857	34.22	26.03
140	11.473	34.18	26.07
160	11.208	34.19	26.12
180	11.070	34.21	26.17
200	10.771	34.19	26.21
220	10.382	34.15	26.25
240	10.358	34.21	26.29

STATION NUMBER 103

DATE 02/08/74 LONG. 155:14 LAT. 35:02
START TIME 1150 BOTTOM TIME 1204

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.730	34.18	25.42
10	14.685	34.18	25.43
20	14.658	34.18	25.44
30	14.660	34.18	25.43
40	14.660	34.18	25.43
50	14.661	34.18	25.43
60	14.621	34.17	25.43
70	14.466	34.13	25.44
80	14.219	34.12	25.48
90	13.584	34.13	25.62
100	12.256	34.03	25.85
120	11.970	34.22	26.01
140	11.438	34.15	26.06
160	11.371	34.20	26.11
180	11.146	34.21	26.15
200	10.951	34.21	26.19
205	10.934	34.20	26.20

STATION NUMBER 104

DATE 02/08/74 LONG. 155:14 LAT. 35:02
START TIME 1416 BOTTOM TIME 1429

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.903	34.19	25.41
10	14.720	34.19	25.43
20	14.645	34.19	25.44
30	14.624	34.18	25.44
40	14.619	34.18	25.44
50	14.617	34.18	25.44
60	14.612	34.18	25.44
70	14.571	34.17	25.45
80	14.131	34.10	25.49
90	13.636	34.07	25.57
100	12.557	34.13	25.80
120	12.000	34.22	26.00
140	11.472	34.16	26.05
160	11.458	34.22	26.10
180	11.478	34.25	26.13
200	11.118	34.23	26.17
205	11.050	34.23	26.18

STATION NUMBER 105

DATE 02/08/74 LONG. 155:14 LAT. 35:02
START TIME 1628 BOTTOM TIME 1643

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.718	34.19	25.43
10	14.709	34.19	25.43
20	14.660	34.19	25.44
30	14.625	34.19	25.44
40	14.604	34.19	25.45
50	14.600	34.19	25.45
60	14.593	34.19	25.45
70	14.591	34.19	25.45
80	14.549	34.17	25.45
90	14.140	34.12	25.50
100	13.024	34.09	25.70
120	12.048	34.21	25.99
140	11.630	34.19	26.05
160	11.686	34.25	26.10
180	11.601	34.24	26.13
200	11.167	34.23	26.16
208	11.033	34.24	26.19

STATION NUMBER 106

DATE 02/08/74 LONG. 155:14 LAT. 35:02
START TIME 1808 BOTTOM TIME 1821

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.698	34.19	25.43
10	14.699	34.19	25.43
20	14.683	34.19	25.43
30	14.626	34.19	25.44
40	14.617	34.19	25.44
50	14.620	34.19	25.44
60	14.614	34.19	25.45
70	14.600	34.18	25.45
80	14.404	34.16	25.46
90	13.870	34.10	25.54
100	12.634	34.12	25.80
120	12.194	34.24	25.99
140	11.843	34.24	26.05
160	11.747	34.27	26.09
180	11.667	34.29	26.12
200	11.327	34.25	26.16
202	11.299	34.25	26.16

STATION NUMBER 107

DATE 02/08/74 LONG. 155:14 LAT. 35:02
START TIME 2007 BOTTOM TIME 2023

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.661	34.20	25.45
10	14.669	34.20	25.44
20	14.673	34.20	25.44
30	14.646	34.20	25.45
40	14.635	34.20	25.45
50	14.634	34.20	25.45
60	14.603	34.19	25.45
70	14.121	34.12	25.50
80	13.610	34.05	25.56
90	12.993	34.09	25.73
100	12.318	34.19	25.92
120	12.156	34.29	26.02
140	11.777	34.28	26.09
160	11.637	34.30	26.13
180	11.326	34.27	26.17
200	10.972	34.25	26.21
205	10.928	34.23	26.23

STATION NUMBER 109

DATE 02/08/74 LONG. 155:14 LAT. 35:02
START TIME 2228 BOTTOM TIME 2244

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.648	34.20	25.45
10	14.657	34.20	25.45
20	14.656	34.20	25.45
30	14.626	34.20	25.45
40	14.612	34.20	25.46
50	14.620	34.20	25.46
60	14.534	34.19	25.47
70	14.275	34.16	25.50
80	13.916	34.14	25.56
90	13.508	34.07	25.59
100	12.922	34.13	25.76
120	12.122	34.24	25.99
140	11.585	34.21	26.08
160	11.468	34.23	26.11
180	11.579	34.31	26.15
200	11.102	34.25	26.20
211	10.996	34.25	26.22

STATION NUMBER 109

DATE 02/08/74 LONG. 155:14 LAT. 35:02
START TIME 2359 BOTTOM TIME 0012

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.639	34.22	25.47
10	14.644	34.22	25.47
20	14.641	34.22	25.47
30	14.627	34.22	25.47
40	14.618	34.21	25.47
50	14.612	34.21	25.47
60	14.598	34.21	25.47
70	14.488	34.24	25.51
80	14.097	34.19	25.55
90	13.386	34.09	25.63
100	12.625	34.15	25.94
120	12.019	34.23	26.01
140	11.558	34.21	26.08
160	11.662	34.30	26.13
180	11.347	34.27	26.16
200	11.066	34.27	26.21
205	11.041	34.28	26.22

STATION NUMBER 110

DATE 02/09/74 LONG. 155:14 LAT. 35:01
START TIME 0228 BOTTOM TIME 0246

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.655	34.23	25.47
10	14.651	34.23	25.47
20	14.655	34.23	25.47
30	14.657	34.23	25.47
40	14.658	34.23	25.47
50	14.656	34.23	25.47
60	14.506	34.20	25.48
70	14.388	34.18	25.50
80	14.514	34.28	25.54
90	13.794	34.22	25.65
100	12.887	34.13	25.91
120	11.758	34.18	26.02
140	11.579	34.21	26.07
160	11.336	34.22	26.12
180	11.330	34.25	26.17
200	11.083	34.29	26.23
220	10.700	34.25	26.29
240	10.391	34.24	26.31
250	10.180	34.22	26.33

STATION NUMBER 111

DATE 02/09/74 LONG. 155:14 LAT. 35:01
START TIME 0539 BOTTOM TIME 0554

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.696	34.20	25.44
10	14.688	34.20	25.44
20	14.688	34.20	25.44
30	14.690	34.20	25.44
40	14.691	34.20	25.44
50	14.683	34.20	25.44
60	14.565	34.19	25.44
70	14.272	34.12	25.47
80	14.282	34.15	25.50
90	13.564	34.12	25.62
100	12.214	34.17	25.92
120	11.937	34.22	26.02
140	11.705	34.22	26.06
160	11.400	34.19	26.08
180	11.388	34.25	26.15
200	11.087	34.25	26.20
209	11.029	34.25	26.21

STATION NUMBER 112

DATE 02/09/74 LONG. 155:14 LAT. 35:01
START TIME 0813 BOTTOM TIME 0827

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.680	34.17	25.42
10	14.688	34.17	25.42
20	14.684	34.17	25.42
30	14.682	34.17	25.42
40	14.684	34.17	25.42
50	14.689	34.17	25.42
60	14.678	34.17	25.42
70	14.342	34.10	25.44
80	14.237	34.09	25.46
90	14.126	34.15	25.52
100	12.650	34.14	25.82
120	12.212	34.23	25.97
140	11.634	34.19	26.05
160	11.754	34.27	26.09
180	11.524	34.26	26.13
200	11.179	34.23	26.18
207	10.982	34.23	26.20

STATION NUMBER 113

DATE 02/09/74 LONG. 155:14 LAT. 35:01
START TIME 1008 BOTTOM TIME 1024

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.703	34.19	25.42
10	14.684	34.19	25.43
20	14.681	34.18	25.43
30	14.676	34.19	25.43
40	14.671	34.17	25.43
50	14.683	34.19	25.43
60	14.659	34.17	25.43
70	14.253	34.10	25.46
80	14.244	34.16	25.49
90	13.413	34.12	25.65
100	12.495	34.17	25.87
120	11.713	34.13	25.99
140	11.798	34.21	26.04
160	11.742	34.23	26.11
180	11.521	34.29	26.15
200	11.177	34.26	26.19
219	10.733	34.22	26.24

STATION NUMBER 114

DATE 02/09/74 LONG. 155:14 LAT. 35:01
START TIME 1422 BOTTOM TIME 1435

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.784	34.19	25.41
10	14.734	34.19	25.43
20	14.713	34.19	25.43
30	14.715	34.19	25.43
40	14.716	34.19	25.43
50	14.715	34.19	25.43
60	14.714	34.19	25.43
70	14.273	34.11	25.47
80	14.012	34.14	25.54
90	12.825	34.17	25.90
100	11.819	34.12	25.96
120	11.649	34.17	26.03
140	11.771	34.25	26.07
160	11.722	34.29	26.11
180	11.564	34.31	26.16
200	11.219	34.27	26.19
214	11.113	34.26	26.20

STATION NUMBER 115

DATE 02/09/74 LONG. 155:14 LAT. 35:01
START TIME 1638 BOTTOM TIME 1654

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.781	34.19	25.41
10	14.756	34.19	25.42
20	14.721	34.19	25.43
30	14.720	34.19	25.43
40	14.721	34.19	25.43
50	14.719	34.19	25.43
60	14.717	34.19	25.43
70	14.589	34.16	25.43
80	14.328	34.14	25.47
90	14.018	34.13	25.53
100	13.062	34.11	25.71
120	11.685	34.12	25.99
140	11.913	34.25	26.05
160	11.793	34.29	26.09
180	11.572	34.29	26.13
200	11.297	34.25	26.16
220	11.001	34.23	26.20
226	10.864	34.23	26.22

STATION NUMBER 116

DATE 02/09/74 LONG. 155:14 LAT. 35:01
START TIME 1914 BOTTOM TIME 1930

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.765	34.20	25.42
10	14.741	34.20	25.43
20	14.723	34.21	25.44
30	14.716	34.20	25.44
40	14.715	34.20	25.44
50	14.714	34.20	25.44
60	14.714	34.20	25.44
70	14.703	34.20	25.44
80	14.477	34.19	25.48
90	14.124	34.16	25.51
100	13.707	34.14	25.60
120	11.873	34.13	25.95
140	11.786	34.28	26.03
160	11.675	34.29	26.08
180	11.712	34.31	26.12
200	11.468	34.30	26.17
220	11.068	34.26	26.20
224	10.965	34.25	26.22

STATION NUMBER 117

DATE 02/09/74 LONG. 155:14 LAT. 35:01
START TIME 2203 BOTTOM TIME 2218

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.741	34.21	25.44
10	14.726	34.21	25.44
20	14.717	34.21	25.45
30	14.713	34.21	25.45
40	14.715	34.21	25.45
50	14.711	34.21	25.45
60	14.702	34.21	25.45
70	14.520	34.19	25.47
80	14.123	34.15	25.52
90	13.590	34.11	25.61
100	12.722	34.15	25.81
120	11.703	34.17	26.02
140	12.017	34.32	26.08
160	11.795	34.31	25.11
180	11.679	34.34	26.15
200	11.400	34.31	26.19
217	10.918	34.27	26.24

STATION NUMBER 118

DATE 02/10/74 LONG. 155:14 LAT. 34:59
START TIME 0142 BOTTOM TIME 0156

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.719	34.19	25.42
10	14.721	34.19	25.42
20	14.715	34.19	25.43
30	14.709	34.19	25.43
40	14.704	34.19	25.43
50	14.702	34.19	25.43
60	14.692	34.19	25.43
70	14.300	34.13	25.47
80	14.121	34.14	25.52
90	13.270	34.11	25.67
100	12.229	34.13	25.99
120	11.742	34.16	26.01
140	11.747	34.30	26.11
160	11.712	34.29	26.11
180	11.627	34.31	26.15
200	11.760	34.29	26.17
205	11.229	34.29	26.19

STATION NUMBER 119

DATE 02/10/74 LONG. 155:14 LAT. 34:59
START TIME 0440 BOTTOM TIME 0455

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.697	34.15	25.40
10	14.711	34.16	25.41
20	14.714	34.15	25.41
30	14.709	34.15	25.41
40	14.704	34.15	25.41
50	14.699	34.15	25.41
60	14.701	34.15	25.41
70	14.674	34.15	25.41
80	14.314	34.13	25.47
90	13.857	34.09	25.52
100	12.799	34.15	25.80
120	11.634	34.09	25.97
140	11.446	34.14	26.04
160	11.724	34.26	26.09
180	11.438	34.27	26.14
194	11.386	34.27	26.16

STATION NUMBER 120

DATE 02/10/74 LONG. 155:14 LAT. 34:59
START TIME 0644 BOTTOM TIME 0705

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.693	34.17	25.42
10	14.696	34.17	25.42
20	14.705	34.18	25.42
30	14.706	34.18	25.42
40	14.706	34.18	25.42
50	14.703	34.18	25.42
60	14.701	34.18	25.42
70	14.641	34.17	25.43
80	13.954	34.07	25.50
90	13.713	34.05	25.53
100	13.222	34.09	25.66
120	11.714	34.11	25.97
140	11.606	34.17	26.04
160	11.921	34.29	26.07
180	11.721	34.29	26.11
200	11.602	34.31	26.15
209	11.548	34.29	26.17

STATION NUMBER 121

DATE 02/10/74 LONG. 155:14 LAT. 34:59
START TIME 0948 BOTTOM TIME 1004

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.700	34.19	25.43
10	14.690	34.18	25.43
20	14.694	34.18	25.44
30	14.697	34.18	25.43
40	14.700	34.18	25.44
50	14.700	34.18	25.43
60	14.693	34.18	25.43
70	14.343	34.12	25.45
80	13.757	34.04	25.51
90	13.554	34.03	25.55
100	13.327	34.04	25.60
120	11.670	34.10	25.98
140	11.924	34.24	26.03
160	11.783	34.29	26.09
180	11.699	34.32	26.13
200	11.590	34.33	26.17
206	11.442	34.31	26.17

STATION NUMBER 122

DATE 02/10/74 LONG. 155:14 LAT. 34:59
START TIME 1215 BOTTOM TIME 1232

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.774	34.19	25.41
10	14.729	34.19	25.42
20	14.686	34.18	25.43
30	14.677	34.19	25.44
40	14.669	34.19	25.44
50	14.647	34.18	25.44
60	14.621	34.18	25.44
70	14.185	34.09	25.46
80	13.792	34.04	25.51
90	13.581	34.04	25.55
100	12.978	34.12	25.74
120	11.945	34.20	26.00
140	11.939	34.25	26.05
160	11.617	34.24	26.09
180	11.688	34.30	26.12
200	11.568	34.32	26.16
209	11.390	34.29	26.17

STATION NUMBER 123

DATE 02/10/74 LONG. 155:14 LAT. 34:59
START TIME 1410 BOTTOM TIME 1425

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.777	34.18	25.41
10	14.703	34.19	25.43
20	14.691	34.19	25.43
30	14.677	34.19	25.43
40	14.655	34.18	25.44
50	14.581	34.17	25.44
60	14.296	34.11	25.46
70	13.943	34.06	25.50
80	13.665	34.04	25.53
90	13.531	34.04	25.56
100	13.202	34.05	25.65
120	11.910	34.14	25.96
140	12.006	34.25	26.03
160	11.512	34.23	26.10
180	11.146	34.19	26.13
200	11.132	34.20	26.15
220	11.280	34.23	26.19
224	11.122	34.25	26.19

STATION NUMBER 124

DATE 02/10/74 LONG. 155:14 LAT. 34:59
START TIME 1601 BOTTOM TIME 1615

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.947	34.18	25.37
10	14.706	34.18	25.42
20	14.676	34.18	25.43
30	14.643	34.18	25.44
40	14.616	34.18	25.44
50	14.564	34.16	25.44
60	13.972	34.04	25.49
70	13.702	34.03	25.52
80	13.596	34.03	25.54
90	13.520	34.04	25.56
100	13.414	34.04	25.58
120	11.930	34.15	25.96
140	11.972	34.24	26.03
160	11.109	34.12	26.09
180	10.940	34.11	26.12
200	11.313	34.24	26.15
203	11.155	34.22	26.16

STATION NUMBER 125

DATE 02/10/74 LONG. 155:14 LAT. 34:59
START TIME 1818 BOTTOM TIME 1832

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.938	34.18	25.40
10	14.824	34.18	25.40
20	14.683	34.18	25.43
30	14.644	34.18	25.44
40	14.618	34.18	25.44
50	14.604	34.18	25.44
60	14.336	34.10	25.44
70	13.764	34.03	25.51
80	13.579	34.03	25.54
90	13.531	34.03	25.55
100	13.429	34.04	25.58
120	12.130	34.22	25.98
140	11.505	34.16	26.05
160	11.064	34.12	26.10
180	10.885	34.11	26.13
200	11.267	34.26	26.17
203	11.262	34.28	26.19

STATION NUMBER 126

DATE 02/10/74 LONG. 155:14 LAT. 34:59
START TIME 2041 BOTTOM TIME 2056

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.997	34.18	25.36
10	14.822	34.18	25.40
20	14.682	34.18	25.43
30	14.643	34.18	25.44
40	14.624	34.18	25.44
50	14.500	34.16	25.45
60	13.972	34.05	25.48
70	13.635	34.02	25.53
80	13.588	34.04	25.55
90	13.484	34.04	25.57
100	12.950	34.10	25.73
120	12.085	34.25	26.01
140	11.369	34.16	26.08
160	11.009	34.11	26.10
180	10.909	34.12	26.13
200	11.244	34.27	26.18
201	11.252	34.27	26.18

STATION NUMBER 127

DATE 02/10/74 LONG. 155:14 LAT. 34:59
START TIME 2354 BOTTOM TIME 0005

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.881	34.16	25.37
10	14.733	34.17	25.41
20	14.671	34.17	25.42
30	14.632	34.16	25.43
40	14.615	34.16	25.43
50	14.611	34.16	25.43
60	14.422	34.11	25.43
70	13.696	34.00	25.50
80	13.606	34.01	25.52
90	13.548	34.02	25.54
100	13.089	34.09	25.68
120	12.054	34.23	26.00
140	11.475	34.13	26.03
160	11.193	34.11	26.07
180	10.998	34.09	26.09
200	10.882	34.09	26.11
215	11.092	34.17	26.13

STATION NUMBER 128

DATE 02/11/74 LONG. 155:14 LAT. 34:56
START TIME 0149 BOTTOM TIME 0202

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.817	34.14	25.37
10	14.737	34.15	25.39
20	14.687	34.16	25.40
30	14.655	34.14	25.40
40	14.640	34.14	25.40
50	14.622	34.14	25.41
60	14.587	34.12	25.41
70	13.763	33.99	25.47
80	13.637	33.99	25.49
90	13.541	33.99	25.52
100	12.882	34.05	25.70
120	11.976	34.20	25.99
140	11.400	34.10	26.02
160	11.113	34.07	26.05
180	10.966	34.05	26.08
200	10.965	34.09	26.11
205	11.039	34.15	26.13

STATION NUMBER 129
(REDIGITIZED)

DATE 02/11/74 LONG. 155:14 LAT. 34:56
START TIME 0340 BOTTOM TIME 0402

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.724	34.17	25.38
10	14.721	34.15	25.40
20	14.695	34.17	25.41
30	14.684	34.17	25.42
40	14.653	34.16	25.42
50	14.603	34.15	25.42
60	14.573	34.15	25.43
70	14.292	34.09	25.44
80	13.706	34.09	25.49
90	13.545	34.00	25.53
100	13.368	34.03	25.59
120	11.496	34.20	26.01
140	11.406	34.12	26.04
160	11.134	34.10	26.07
180	10.888	34.06	26.09
200	10.910	34.07	26.11
220	10.979	34.11	26.11
240	11.061	34.25	26.21
260	10.756	34.23	26.24
280	10.224	34.19	26.30

STATION NUMBER 130
(REDIGITIZED)

DATE 02/11/74 LONG. 155:14 LAT. 34:56
START TIME 0543 BOTTOM TIME 0610

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.711	34.15	25.40
10	14.733	34.15	25.40
20	14.736	34.17	25.41
30	14.695	34.17	25.42
40	14.684	34.17	25.42
50	14.644	34.16	25.42
60	14.567	34.15	25.43
70	14.321	34.11	25.45
80	13.734	34.01	25.49
90	13.557	34.00	25.53
100	13.485	34.02	25.56
120	12.114	34.24	25.99
140	11.483	34.12	26.02
160	11.236	34.11	26.06
180	10.937	34.05	26.08
200	10.902	34.06	26.10
220	10.831	34.10	26.13
233	11.133	34.22	26.17

STATION NUMBER 131
(REDIGITIZED)

DATE 02/11/74 LONG. 155:14 LAT. 34:56
START TIME 0751 BOTTOM TIME 0808

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.736	34.18	25.42
10	14.715	34.17	25.42
20	14.706	34.17	25.42
30	14.683	34.18	25.42
40	14.674	34.18	25.43
50	14.674	34.18	25.43
60	14.585	34.16	25.44
70	14.260	34.10	25.46
80	13.735	34.02	25.50
90	13.642	34.01	25.52
100	13.540	34.01	25.54
120	12.377	34.23	25.94
140	11.494	34.11	26.02
160	11.079	34.11	26.09
180	10.867	34.09	26.11
200	10.766	34.07	26.12
220	10.801	34.11	26.14
236	11.195	34.25	26.19

STATION NUMBER 132
(REDIGITIZED)

DATE 02/11/74 LONG. 155:14 LAT. 34:56
START TIME 1055 BOTTOM TIME 1011

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.723	34.17	25.42
10	14.707	34.18	25.42
20	14.700	34.18	25.43
30	14.684	34.19	25.43
40	14.684	34.18	25.43
50	14.652	34.18	25.44
60	14.520	34.17	25.45
70	13.890	34.09	25.52
80	13.628	34.03	25.53
90	13.520	34.02	25.55
100	12.477	34.19	25.88
120	11.643	34.22	26.07
140	11.208	34.15	26.10
160	10.944	34.11	26.11
180	10.926	34.09	26.12
200	10.785	34.11	26.14
220	11.029	34.29	26.23
223	11.018	34.27	26.22

STATION NUMBER 133
(REDIGITIZED)

DATE 02/11/74 LONG. 155:14 LAT. 34:56
START TIME 1156 BOTTOM TIME 1212

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.791	34.17	25.40
10	14.751	34.19	25.42
20	14.724	34.20	25.43
30	14.717	34.20	25.43
40	14.705	34.20	25.44
50	14.681	34.19	25.44
60	14.629	34.19	25.44
70	14.344	34.16	25.47
80	13.684	34.02	25.51
90	13.574	34.02	25.54
100	13.515	34.04	25.56
120	12.227	34.20	25.94
140	11.876	34.21	26.02
160	11.203	34.15	26.09
180	10.910	34.11	26.12
200	10.875	34.13	26.14
220	11.267	34.31	26.21
231	11.045	34.31	26.25

STATION NUMBER 134
(REDIGITIZED)

DATE 02/11/74 LONG. 155:14 LAT. 34:56
START TIME 1403 BOTTOM TIME 1420

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.887	34.15	25.37
10	14.778	34.20	25.42
20	14.731	34.20	25.43
30	14.705	34.20	25.44
40	14.703	34.20	25.44
50	14.682	34.20	25.45
60	14.317	34.12	25.46
70	13.659	34.02	25.52
80	13.547	34.03	25.55
90	13.511	34.04	25.56
100	13.153	34.10	25.68
120	12.020	34.14	25.97
140	11.669	34.15	26.02
160	11.363	34.14	26.09
180	10.932	34.12	26.12
200	10.854	34.12	26.14
220	11.315	34.30	26.20
230	11.237	34.30	26.21

STATION NUMBER 135
(REDIGITIZED)

DATE 02/11/74 LONG. 155:14 LAT. 34:56
START TIME 1604 BOTTOM TIME 1620

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.868	34.13	25.39
10	14.759	34.19	25.42
20	14.721	34.13	25.43
30	14.700	34.19	25.43
40	14.609	34.21	25.46
50	13.931	34.05	25.51
60	13.564	34.02	25.54
70	13.507	34.03	25.56
80	13.469	34.03	25.57
90	13.151	34.05	25.65
100	12.223	34.04	25.92
120	11.634	34.15	26.03
140	11.567	34.22	26.08
160	11.023	34.11	26.10
180	11.071	34.15	26.12
200	11.337	34.30	26.19
212	11.084	34.30	26.23

STATION NUMBER 136
(REDIGITIZED)

DATE 02/11/74 LONG. 155:14 LAT. 34:56
START TIME 1925 BOTTOM TIME 1938

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.808	34.13	25.36
10	14.760	34.21	25.43
20	14.711	34.21	25.44
30	14.696	34.21	25.45
40	14.623	34.21	25.46
50	14.159	34.13	25.50
60	13.711	34.05	25.54
70	13.564	34.05	25.56
80	13.479	34.05	25.58
90	13.361	34.09	25.64
100	12.632	34.15	25.83
120	11.752	34.19	26.12
140	11.648	34.21	26.06
160	11.225	34.19	26.11
180	10.989	34.13	26.14
200	11.392	34.32	26.19
213	11.309	34.32	26.21

STATION NUMBER 137
(REDIGITIZED)

DATE 02/11/74 LONG. 155:14 LAT. 34:56
START TIME 2037 BOTTOM TIME 2058

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.991	34.19	25.39
10	14.775	34.19	25.42
20	14.711	34.19	25.43
30	14.705	34.20	25.44
40	14.700	34.21	25.44
50	14.527	34.17	25.45
60	14.077	34.09	25.48
70	13.737	34.04	25.52
80	13.580	34.03	25.54
90	13.494	34.03	25.57
100	13.458	34.05	25.59
120	12.266	34.22	25.95
140	11.703	34.17	26.02
160	11.657	34.23	26.09
180	11.156	34.15	26.10
200	10.899	34.12	26.13
220	11.380	34.31	26.19
240	11.041	34.23	26.23
260	11.663	34.27	26.29
272	10.430	34.24	26.31

STATION NUMBER 138
(REDIGITIZED)

DATE 02/11/74 LONG. 155:14 LAT. 34:56
START TIME 2301 BOTTOM TIME 2316

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.916	34.19	25.40
10	14.749	34.29	25.43
20	14.721	34.19	25.43
30	14.716	34.20	25.44
40	14.660	34.21	25.45
50	14.471	34.15	25.46
60	14.291	34.13	25.47
70	13.723	34.02	25.50
80	13.550	34.02	25.54
90	13.505	34.02	25.55
100	13.468	34.05	25.58
120	12.071	34.20	25.98
140	11.602	34.18	26.05
160	11.250	34.13	26.07
180	10.945	34.10	26.11
200	10.875	34.11	26.12
202	10.869	34.13	26.15

STATION NUMBER 139
(REDIGITIZED)

DATE 02/12/74 LONG. 155:11 LAT. 34:57
START TIME 0055 BOTTOM TIME 0109

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.701	34.19	25.42
10	14.721	34.19	25.43
20	14.732	34.20	25.43
30	14.708	34.19	25.44
40	14.690	34.21	25.44
50	14.581	34.17	25.45
60	14.537	34.17	25.45
70	14.473	34.19	25.47
80	13.627	34.09	25.51
90	13.502	34.01	25.55
100	13.490	34.02	25.56
120	12.278	34.27	25.99
140	11.694	34.17	26.03
160	11.280	34.14	26.17
180	10.987	34.11	26.11
194	10.859	34.08	26.11

STATION NUMBER 140

DATE 02/12/74 LONG. 155:11 LAT. 34:57
START TIME 0308 BOTTOM TIME 0322

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.735	34.13	25.43
10	14.742	34.20	25.43
20	14.729	34.21	25.44
30	14.649	34.20	25.45
40	14.629	34.20	25.45
50	14.607	34.19	25.46
60	14.484	34.13	25.43
70	13.631	34.02	25.52
80	13.520	34.04	25.56
90	13.195	34.06	25.65
100	12.157	34.13	25.91
120	11.737	34.15	26.01
140	11.488	34.16	26.07
160	11.059	34.11	26.19
180	10.876	34.10	26.12
200	10.792	34.12	26.14
208	10.796	34.14	26.16

STATION NUMBER 141

DATE 02/12/74 LONG. 155:11 LAT. 34:57
START TIME 0511 BOTTOM TIME 0528

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.711	34.13	25.43
10	14.719	34.19	25.43
20	14.708	34.19	25.43
30	14.628	34.13	25.45
40	14.589	34.13	25.46
50	14.569	34.13	25.46
60	14.231	34.10	25.46
70	13.664	34.02	25.52
80	13.522	34.03	25.56
90	13.444	34.05	25.59
100	12.104	34.16	25.94
120	11.747	34.14	26.02
140	11.329	34.15	26.08
160	11.050	34.12	26.10
180	10.840	34.11	26.13
200	10.911	34.11	26.14
220	11.068	34.24	26.19
240	10.817	34.28	26.27
241	10.806	34.28	26.27

STATION NUMBER 142

DATE 02/12/74 LONG. 155:11 LAT. 34:57
START TIME 0715 BOTTOM TIME 0730

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.700	34.13	25.43
10	14.702	34.13	25.43
20	14.702	34.13	25.43
30	14.676	34.13	25.44
40	14.557	34.13	25.46
50	14.409	34.14	25.46
60	14.400	34.15	25.46
70	13.982	34.05	25.48
80	13.583	34.03	25.54
90	13.524	34.04	25.56
100	13.522	34.06	25.58
120	12.034	34.22	25.00
140	11.546	34.13	26.07
160	11.116	34.15	26.12
180	10.866	34.12	26.13
200	10.879	34.15	26.15
220	11.216	34.31	26.22
236	10.931	34.23	26.25

STATION NUMBER 143

DATE 02/12/74 LONG. 155:11 LAT. 34:57
START TIME 0919 BOTTOM TIME 0926

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.698	34.13	25.43
10	14.699	34.13	25.43
20	14.679	34.13	25.43
30	14.603	34.13	25.45
40	14.491	34.15	25.45
50	14.396	34.14	25.46
60	14.193	34.10	25.47
70	13.610	34.01	25.52
80	13.504	34.02	25.55
90	13.502	34.03	25.56
100	13.489	34.04	25.57
120	12.524	34.15	25.95
140	12.061	34.25	26.02
160	11.469	34.21	26.08
180	11.249	34.18	26.11
200	11.462	34.30	26.16
220	10.962	34.25	26.22
226	10.859	34.24	26.23

STATION NUMBER 144

DATE 02/12/74 LONG. 155:11 LAT. 34:57
START TIME 1132 BOTTOM TIME 1145

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.733	34.18	25.42
10	14.700	34.19	25.42
20	14.666	34.19	25.43
30	14.595	34.17	25.44
40	14.541	34.17	25.45
50	14.471	34.14	25.44
60	13.771	34.03	25.50
70	13.573	34.01	25.53
80	13.556	34.03	25.55
90	13.544	34.04	25.56
100	13.442	34.03	25.57
120	12.211	34.15	25.91
140	12.044	34.24	26.00
160	11.907	34.29	26.08
180	11.645	34.33	26.16
200	11.405	34.32	26.20
207	11.383	34.30	26.18

STATION NUMBER 145

DATE 02/12/74 LONG. 155:11 LAT. 34:57
START TIME 1315 BOTTOM TIME 1331

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.713	34.18	25.42
10	14.715	34.19	25.42
20	14.673	34.19	25.43
30	14.510	34.15	25.44
40	14.370	34.12	25.45
50	14.272	34.10	25.45
60	14.232	34.10	25.47
70	13.611	34.02	25.53
80	13.566	34.02	25.54
90	13.530	34.04	25.56
100	13.438	34.03	25.57
120	12.304	34.22	25.95
140	11.909	34.23	26.03
160	11.917	34.28	26.08
180	11.301	34.18	26.11
200	11.213	34.24	26.17
220	10.971	34.25	26.24
227	10.762	34.24	26.25

STATION NUMBER 146

DATE 02/12/74 LONG. 155:11 LAT. 34:57
START TIME 1556 BOTTOM TIME 1609

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.667	34.19	25.43
10	14.665	34.18	25.43
20	14.636	34.17	25.43
30	14.396	34.13	25.45
40	14.192	34.10	25.47
50	14.174	34.13	25.47
60	13.996	34.09	25.52
70	13.613	34.04	25.54
80	13.564	34.05	25.56
90	13.506	34.05	25.58
100	12.970	34.10	25.72
120	11.733	34.12	25.98
140	11.510	34.15	26.04
160	11.331	34.17	26.09
180	11.172	34.20	26.14
200	10.964	34.21	26.18
218	10.964	34.27	26.24

STATION NUMBER 147

DATE 02/12/74 LONG. 155:11 LAT. 34:57
START TIME 1937 BOTTOM TIME 1950

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.546	34.19	25.46
10	14.548	34.19	25.46
20	14.540	34.19	25.46
30	14.519	34.18	25.46
40	14.444	34.19	25.48
50	14.329	34.16	25.49
60	14.289	34.15	25.49
70	13.819	34.09	25.54
80	13.606	34.06	25.56
90	13.571	34.07	25.58
100	13.527	34.09	25.60
120	12.295	34.18	25.91
140	11.676	34.22	26.06
160	11.387	34.20	26.10
180	11.164	34.21	26.15
200	11.137	34.25	26.19
201	11.131	34.25	26.19

STATION NUMBER 149

DATE 02/12/74 LONG. 155:11 LAT. 34:57
START TIME 2052 BOTTOM TIME 2105

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.545	34.17	25.45
10	14.553	34.18	25.46
20	14.538	34.18	25.46
30	14.475	34.17	25.47
40	14.416	34.17	25.48
50	14.384	34.18	25.49
60	14.145	34.13	25.50
70	13.661	34.09	25.56
80	13.578	34.07	25.58
90	13.535	34.09	25.59
100	13.441	34.15	25.66
120	11.940	34.19	26.00
140	11.476	34.20	26.09
160	11.297	34.21	26.13
180	11.222	34.26	26.18
199	11.113	34.29	26.22

STATION NUMBER 149

DATE 02/13/74 LONG. 155:09 LAT. 34:57
START TIME 0046 BOTTOM TIME 0100

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.568	34.14	25.42
10	14.579	34.18	25.45
20	14.574	34.18	25.45
30	14.499	34.17	25.46
40	14.433	34.17	25.48
50	14.371	34.17	25.49
60	13.952	34.10	25.52
70	13.689	34.07	25.56
80	13.568	34.06	25.57
90	13.536	34.07	25.58
100	13.192	34.12	25.69
120	11.634	34.16	26.02
140	11.499	34.19	26.06
160	11.310	34.20	26.12
180	11.199	34.25	26.18
200	11.182	34.30	26.21
212	11.031	34.31	26.25

STATION NUMBER 150

DATE 02/13/74 LONG. 155:08 LAT. 34:57
START TIME 0245 BOTTOM TIME 0300

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.572	34.18	25.45
10	14.579	34.19	25.45
20	14.574	34.19	25.45
30	14.512	34.17	25.45
40	14.445	34.16	25.47
50	14.412	34.18	25.49
60	13.997	34.10	25.51
70	13.684	34.09	25.56
80	13.596	34.07	25.57
90	13.543	34.17	25.58
100	13.512	34.08	25.60
120	11.936	34.15	25.98
140	11.616	34.13	26.05
160	11.439	34.20	26.09
180	11.188	34.22	26.16
200	11.249	34.30	26.21
204	11.299	34.30	26.22

STATION NUMBER 151

DATE 02/13/74 LONG. 155:08 LAT. 34:57
START TIME 0500 BOTTOM TIME 0516

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.559	34.19	25.45
10	14.561	34.19	25.45
20	14.562	34.18	25.45
30	14.540	34.17	25.45
40	14.460	34.19	25.48
50	14.321	34.16	25.49
60	13.913	34.09	25.52
70	13.686	34.09	25.56
80	13.580	34.07	25.58
90	13.545	34.07	25.58
100	13.378	34.09	25.64
120	11.905	34.15	25.99
140	11.539	34.18	26.06
160	11.569	34.25	26.11
180	11.390	34.25	26.14
200	11.159	34.27	26.20
220	11.189	34.33	26.24
238	11.062	34.32	26.25

STATION NUMBER 152

DATE 02/13/74 LONG. 155:09 LAT. 34:57
START TIME 0715 BOTTOM TIME 0738

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.544	34.18	25.46
10	14.546	34.18	25.46
20	14.548	34.19	25.46
30	14.539	34.18	25.46
40	14.445	34.18	25.48
50	14.249	34.15	25.49
60	13.821	34.10	25.55
70	13.609	34.06	25.57
80	13.569	34.07	25.58
90	13.530	34.09	25.59
100	13.284	34.15	25.70
120	11.632	34.15	26.02
140	11.559	34.21	26.08
160	11.620	34.29	26.13
180	11.411	34.32	26.19
200	10.987	34.26	26.23
203	11.043	34.29	26.23

STATION NUMBER 153

DATE 02/13/74 LONG. 155:09 LAT. 34:57
START TIME 0919 BOTTOM TIME 1938

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.561	34.17	25.45
10	14.557	34.19	25.46
20	14.559	34.19	25.46
30	14.531	34.19	25.46
40	14.415	34.17	25.48
50	14.299	34.16	25.50
60	13.934	34.13	25.55
70	13.680	34.09	25.57
80	13.602	34.09	25.58
90	13.527	34.09	25.59
100	13.501	34.11	25.62
120	11.792	34.15	25.99
140	11.504	34.19	26.07
160	11.298	34.20	26.12
180	11.122	34.22	26.16
200	11.058	34.27	26.21
205	11.152	34.30	26.22

STATION NUMBER 154

DATE 02/13/74 LONG. 155:09 LAT. 34:57
START TIME 1122 BOTTOM TIME 1137

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.605	34.18	25.45
10	14.619	34.18	25.44
20	14.619	34.19	25.44
30	14.601	34.19	25.44
40	14.436	34.15	25.46
50	14.196	34.10	25.47
60	14.073	34.09	25.49
70	13.764	34.07	25.54
80	13.590	34.05	25.56
90	13.510	34.05	25.57
100	13.301	34.09	25.65
120	11.497	34.15	25.97
140	11.563	34.17	26.05
160	11.300	34.17	26.09
180	11.126	34.13	26.14
200	10.950	34.23	26.21
206	10.998	34.27	26.23

STATION NUMBER 155

DATE 02/13/74 LONG. 155:09 LAT. 34:57
START TIME 1320 BOTTOM TIME 1335

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.643	34.18	25.43
10	14.624	34.18	25.44
20	14.550	34.17	25.45
30	14.536	34.17	25.45
40	14.456	34.15	25.45
50	14.201	34.11	25.48
60	13.970	34.09	25.53
70	13.694	34.07	25.55
80	13.578	34.05	25.57
90	13.467	34.09	25.61
100	12.366	34.14	25.87
120	11.643	34.15	26.02
140	11.578	34.20	26.07
160	11.405	34.23	26.12
180	11.261	34.25	26.16
200	11.033	34.27	26.22
203	10.979	34.27	26.23

STATION NUMBER 156

DATE 02/13/74 LONG. 155803 LAT. 34157
START TIME 1508 BOTTOM TIME 1527

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.597	34.19	25.44
10	14.595	34.19	25.44
20	14.599	34.19	25.45
30	14.581	34.17	25.45
40	14.557	34.17	25.45
50	14.536	34.17	25.45
60	14.491	34.17	25.46
70	14.243	34.15	25.50
80	13.940	34.10	25.53
90	13.663	34.07	25.56
100	13.564	34.12	25.62
120	11.831	34.12	25.96
140	11.904	34.25	26.05
160	11.561	34.23	26.09
180	11.263	34.24	26.15
200	11.035	34.27	26.22
220	10.850	34.24	26.23
240	10.745	34.30	26.29
250	10.500	34.29	26.32
255	10.469	34.29	26.34

STATION NUMBER 157

DATE 02/13/74 LONG. 155[illegible] LAT. 34157
START TIME 1955 BOTTOM TIME 2011

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.670	34.19	25.43
10	14.672	34.19	25.43
20	14.674	34.19	25.43
30	14.675	34.19	25.43
40	14.673	34.19	25.43
50	14.666	34.19	25.43
60	14.637	34.19	25.44
70	14.260	34.16	25.49
80	14.045	34.11	25.51
90	13.248	34.12	25.68
100	12.266	34.11	25.87
120	12.218	34.25	25.98
140	11.789	34.25	26.16
160	11.420	34.22	26.11
180	11.236	34.21	26.14
200	10.954	34.22	26.20
220	10.934	34.27	26.24
228	10.933	34.29	26.26

STATION NUMBER 158

DATE 02/14/74 LONG. 155803 LAT. 34158
START TIME 0009 BOTTOM TIME 0023

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.677	34.19	25.43
10	14.673	34.19	25.43
20	14.675	34.19	25.43
30	14.677	34.19	25.43
40	14.678	34.19	25.43
50	14.681	34.19	25.43
60	14.676	34.19	25.44
70	14.625	34.20	25.45
80	14.170	34.13	25.50
90	13.739	34.10	25.56
100	12.938	34.12	25.77
120	11.961	34.19	25.98
140	11.696	34.23	26.07
160	11.505	34.22	26.10
180	11.092	34.23	26.18
200	11.192	34.30	26.22
203	11.161	34.32	26.23

STATION NUMBER 159

DATE 02/14/74 LONG. 155803 LAT. 34158
START TIME 0557 BOTTOM TIME 0611

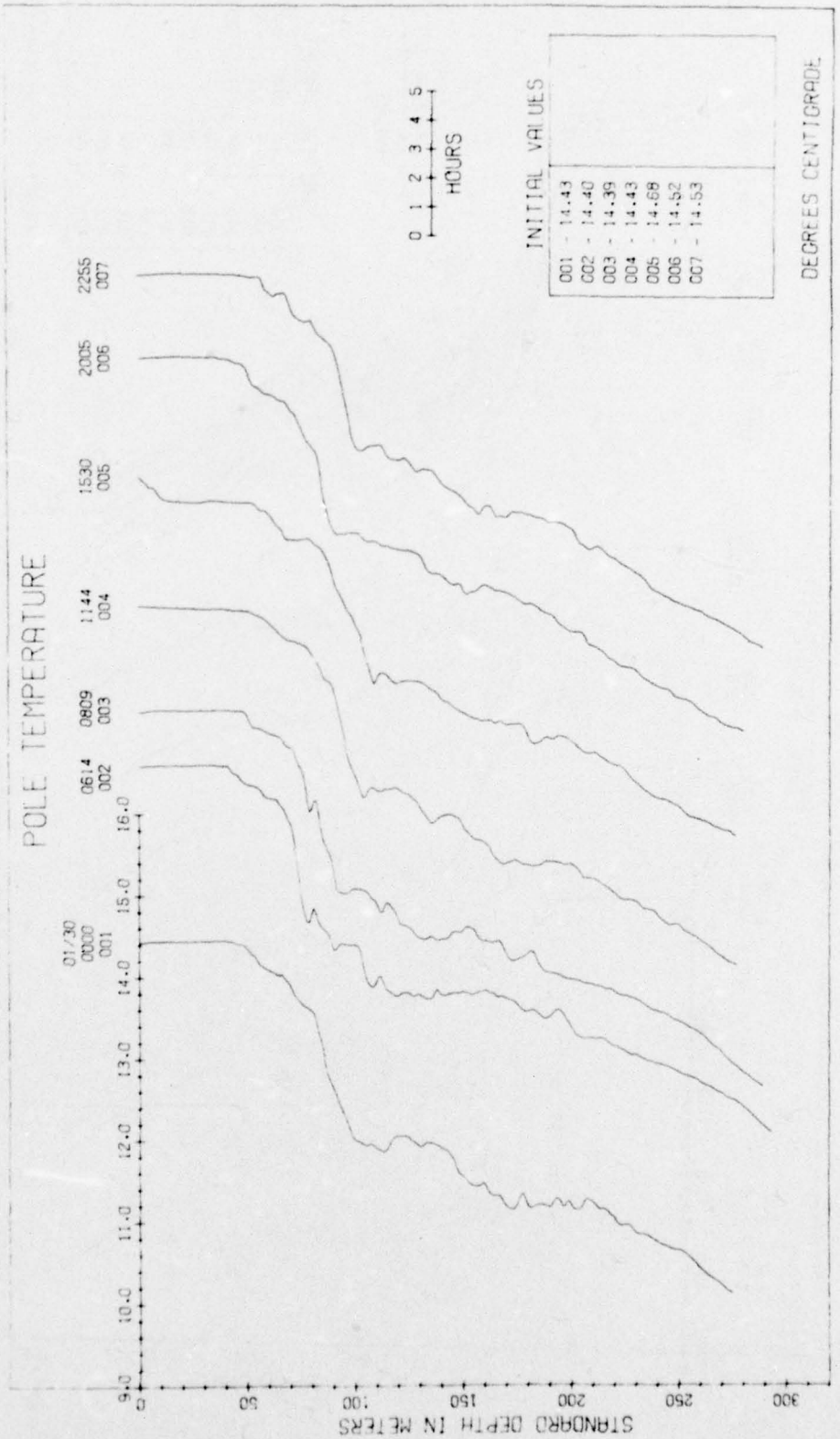
DEPTH	TEMP	SALINITY	SIGMA-T
0	14.695	34.19	25.42
10	14.698	34.19	25.42
20	14.699	34.19	25.42
30	14.701	34.19	25.42
40	14.703	34.19	25.42
50	14.699	34.19	25.42
60	14.634	34.19	25.44
70	14.508	34.19	25.47
80	14.277	34.15	25.49
90	14.140	34.13	25.50
100	13.516	34.11	25.62
120	12.193	34.23	25.97
140	11.958	34.26	26.16
160	11.460	34.21	26.09
180	11.287	34.23	26.14
200	10.997	34.24	26.20
201	10.946	34.24	26.21

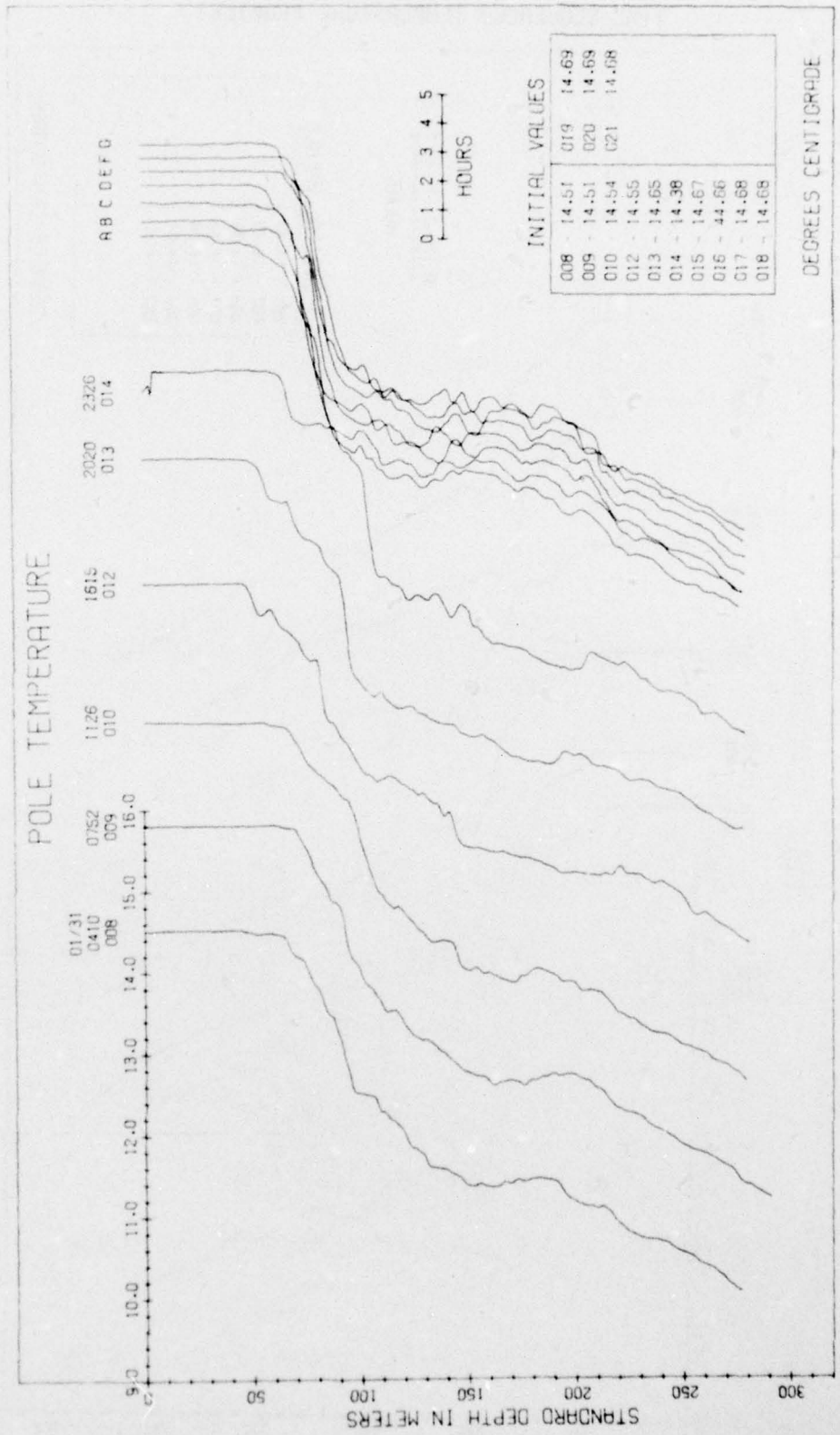
STATION NUMBER 169

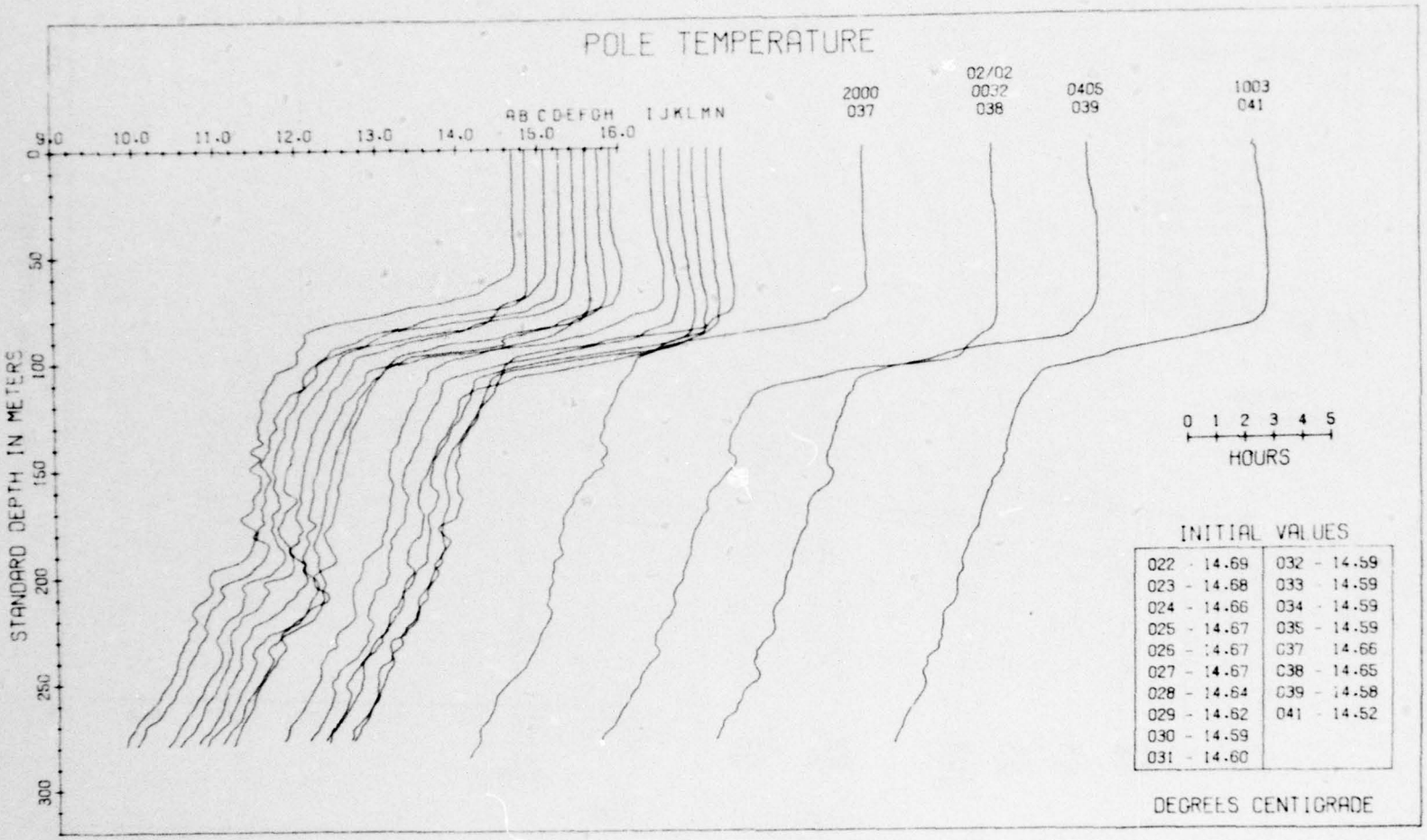
DATE 02/14/74 LONG. 155:03 LAT. 34:58
START TIME 0729 BOTTOM TIME 0743

DEPTH	TEMP	SALINITY	SIGMA-T
0	14.692	34.15	25.41
10	14.700	34.20	25.44
20	14.703	34.20	25.44
30	14.705	34.20	25.44
40	14.707	34.21	25.44
50	14.690	34.20	25.44
60	14.581	34.19	25.46
70	14.255	34.17	25.51
80	14.134	34.14	25.52
90	13.759	34.15	25.60
100	12.612	34.18	25.85
120	12.150	34.30	26.04
140	11.717	34.24	26.07
160	11.433	34.23	26.12
180	11.225	34.24	26.17
200	11.129	34.27	26.20
205	11.090	34.27	26.21

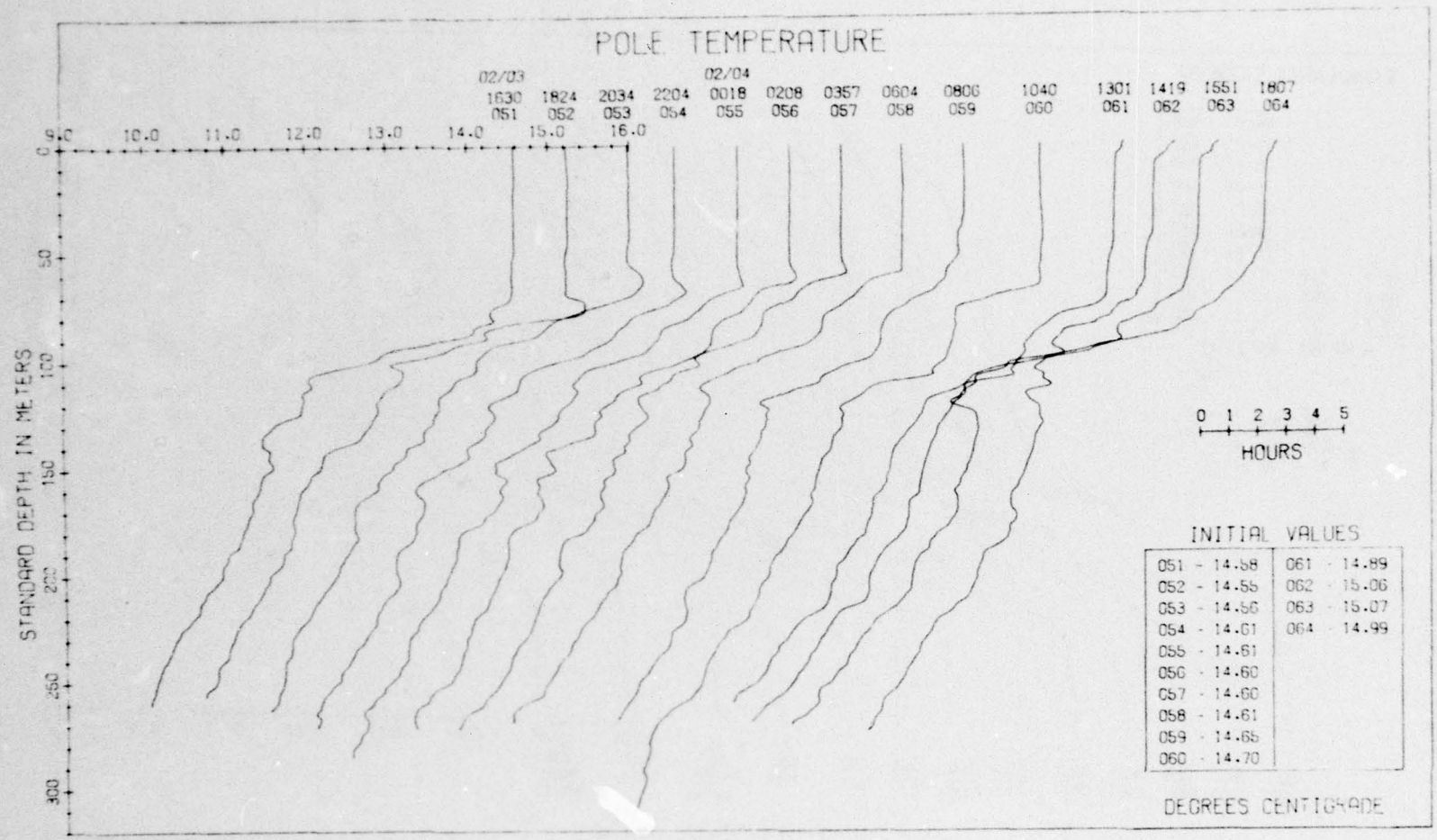
TIME SEQUENCED TEMPERATURE PROFILES




POLE TEMPERATURE
DEGREES CENTIGRADE
STANDARD DEPTH IN METERS
HOURS
0 1 2 3 4 5
A B C D E F G
01/31 0410 008
0752 009
1126 010
1615 012
2020 013
2326 014
INITIAL VALUES
008 - 14.51
009 - 14.51
010 - 14.54
012 - 14.55
013 - 14.65
014 - 14.38
015 - 14.67
016 - 44.66
017 - 14.68
018 - 14.68
019 14.69
020 14.69
021 14.68


POLE TEMPERATURE
A B C D E F G H I J K L M N
2000
037
02/02
0032
038
0405
039
1003
041
9.0
10.0
11.0
12.0
13.0
14.0
15.0
16.0
0
50
100
150
200
250
300
STANDARD DEPTH IN METERS
0 1 2 3 4 5
HOURS
INITIAL VALUES
022 - 14.69
023 - 14.68
024 - 14.66
025 - 14.67
026 - 14.67
027 - 14.67
028 - 14.64
029 - 14.62
030 - 14.59
031 - 14.60
032 - 14.59
033 - 14.59
034 - 14.59
035 - 14.59
037 - 14.66
038 - 14.65
039 - 14.58
041 - 14.52
DEGREES CENTIGRADE

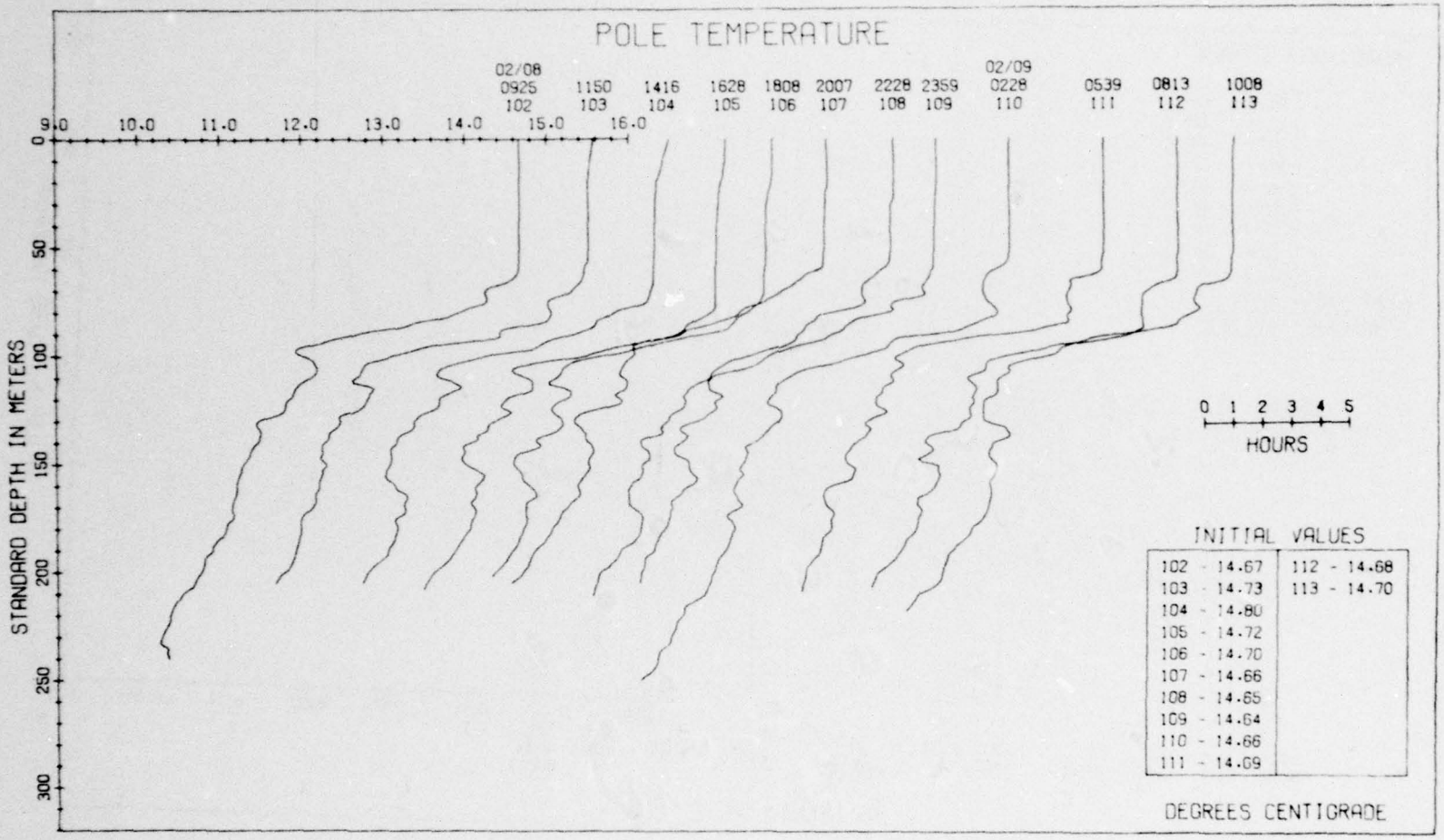
POLE TEMPERATURE
02/02
1233
042
2026
043
2350
044
02/03
0422
045
0604
046
0816
047
1006
048
1217
049
1434
050
INITIAL VALUES
042 - 14.68
043 - 14.75
044 - 14.65
045 - 14.56
046 - 14.56
047 - 14.56
048 - 14.54
049 - 14.57
050 - 14.58
0 1 2 3 4 5
HOURS
DEGREES CENTIGRADE
STANDARD DEPTH IN METERS
0
50
100
150
200
250
300
9.0
10.0
11.0
12.0
13.0
14.0
15.0
16.0

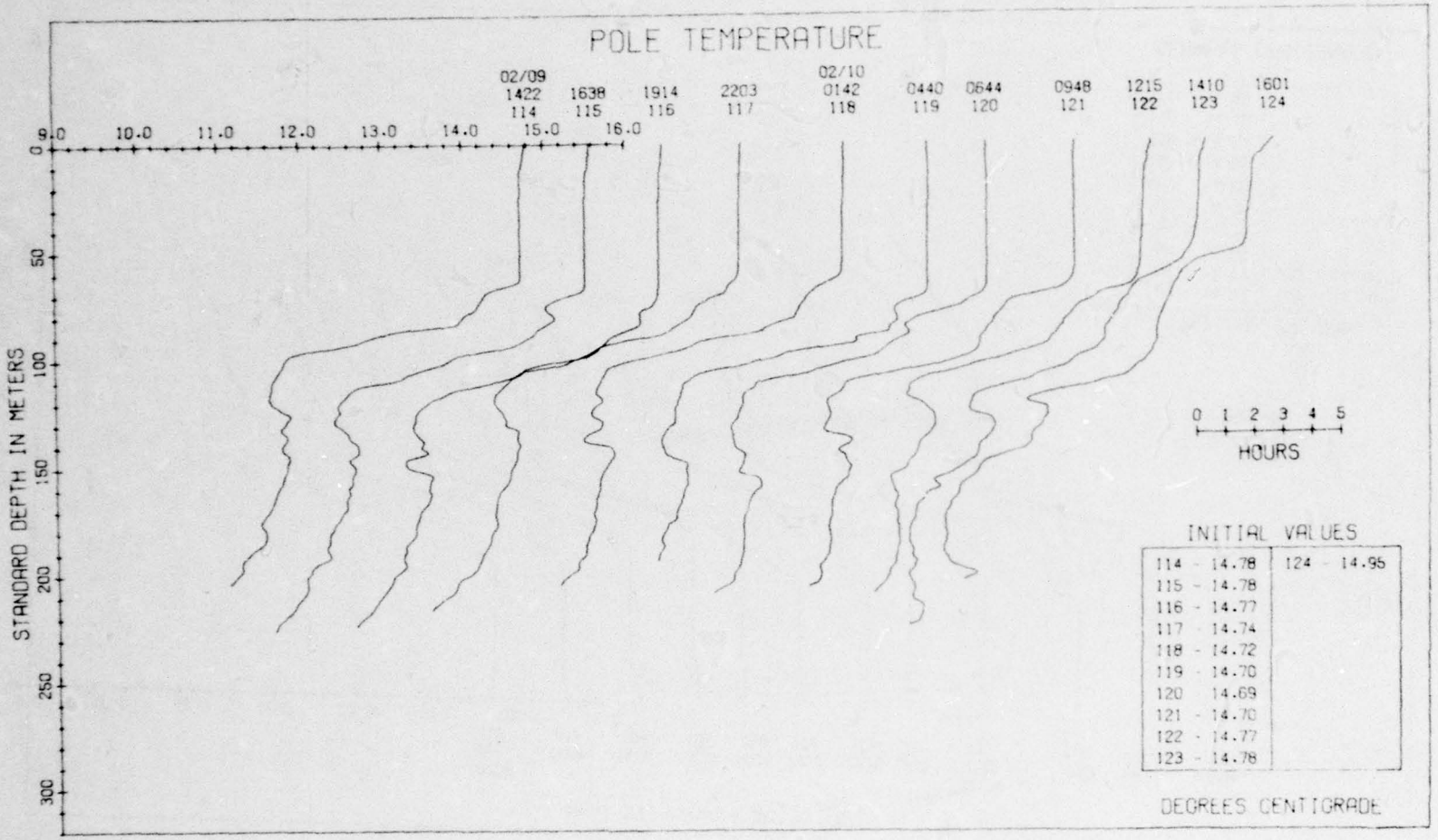

POLE TEMPERATURE
02/03
02/04
1630 051
1824 052
2034 053
2204 054
0018 055
0208 056
0357 057
0604 058
0806 059
1040 060
1301 061
1419 062
1551 063
1807 064
9.0
10.0
11.0
12.0
13.0
14.0
15.0
16.0
STANDARD DEPTH IN METERS
0
50
100
150
200
250
300
0 1 2 3 4 5
HOURS
INITIAL VALUES
051 - 14.68
052 - 14.56
053 - 14.56
054 - 14.61
055 - 14.61
056 - 14.60
057 - 14.60
058 - 14.61
059 - 14.65
060 - 14.70
061 - 14.89
062 - 15.06
063 - 15.07
064 - 14.99
DEGREES CENTIGRADE

POLE TEMPERATURE
02/04 2096 065
2309 066
02/05 0218 067
0418 068
0650 069
0836 070
1023 071
1253 072
1445 073
1640 074
1826 075
2015 076
2220 077
15.0
16.0
9.0
10.0
11.0
12.0
13.0
14.0
0
50
100
150
200
250
300
STANDARD DEPTH IN METERS
0 1 2 3 4 5
HOURS
INITIAL VALUES
065 - 15.15
066 - 15.07
067 - 15.07
068 - 14.99
069 - 14.94
070 - 14.89
071 - 14.92
072 - 14.93
073 - 14.91
074 - 14.88
075 - 14.86
076 - 14.84
077 - 14.84
DEGREES CENTIGRADE

POLE TEMPERATURE
02/06
0036 0230 0434 0705 0906 1058 1309 1720 1926 2215 02/07 0244
078 079 080 081 082 083 084 085 086 087 088 089
9.0 10.0 11.0 12.0 13.0 14.0 15.0 16.0
0 50 100 150 200 250 300
STANDARD DEPTH IN METERS
0 1 2 3 4 5
HOURS
INITIAL VALUES
078 - 14.82
079 - 14.83
080 - 14.77
081 - 14.72
082 - 14.72
083 - 14.76
084 - 14.80
085 - 14.63
086 - 14.62
087 - 14.64
088 - 14.64
089 - 14.62
DEGREES CENTIGRADE

POLE TEMPERATURE
02/07 0432 090
0635 091
0825 092
1020 093
1414 094
1532 095
2053 096
2250 097
02/08 0104 098
0310 099
0500 100
0648 101
0 1 2 3 4 5
HOURS
INITIAL VALUES
090 - 14.61
091 - 14.66
092 - 14.55
093 - 14.57
094 - 14.68
095 - 14.72
096 - 14.68
097 - 14.67
098 - 14.64
099 - 14.67
100 - 14.66
101 - 14.68
DEGREES CENTIGRADE
9.0
10.0
11.0
12.0
13.0
14.0
15.0
16.0
0
50
100
150
200
250
300
STANDARD DEPTH IN METERS


POLE TEMPERATURE
02/08
0925
102
1150
103
1416
104
1628
105
1808
106
2007
107
2228
108
2359
109
02/09
0228
110
0539
111
0813
112
1008
113
9.0
10.0
11.0
12.0
13.0
14.0
15.0
16.0
0
50
100
150
200
250
300
STANDARD DEPTH IN METERS
0 1 2 3 4 5
HOURS
INITIAL VALUES
102 - 14.67
103 - 14.73
104 - 14.80
105 - 14.72
106 - 14.70
107 - 14.66
108 - 14.65
109 - 14.64
110 - 14.66
111 - 14.69
112 - 14.68
113 - 14.70
DEGREES CENTIGRADE


POLE TEMPERATURE
02/09 1422 114
1638 115
1914 116
2203 117
02/10 0142 118
0440 119
0644 120
0948 121
1215 122
1410 123
1601 124
9.0
10.0
11.0
12.0
13.0
14.0
15.0
16.0
0
50
100
150
200
250
300
STANDARD DEPTH IN METERS
0 1 2 3 4 5
HOURS
INITIAL VALUES
114 - 14.78
115 - 14.78
116 - 14.77
117 - 14.74
118 - 14.72
119 - 14.70
120 - 14.69
121 - 14.70
122 - 14.77
123 - 14.78
124 - 14.95
DEGREES CENTIGRADE

POLE TEMPERATURE
02/10 1818 125 15.0
2041 125 16.0
02/11 2354 127
0149 128
0340 129
0543 130
0751 131
0955 132
1156 133
1403 134
1604 135
1825 136
2037 137
0 1 2 3 4 5
HOURS
INITIAL VALUES
125 - 14.84
126 - 15.00
127 - 14.88
128 - 14.82
129 - 14.74
130 - 14.72
131 - 14.66
132 - 14.71
133 - 14.81
134 - 14.94
135 - 14.98
136 - 14.87
137 - 14.83
DEGREES CENTIGRADE
9.0
10.0
11.0
12.0
13.0
14.0
15.0
16.0
0
50
100
150
200
250
300
STANDARD DEPTH IN METERS

POLE TEMPERATURE
02/11 02/12
2301 0055 0308 0511 0715 0919 1132 1315 1556 1837 2052 02/13
138 139 140 141 142 143 144 145 146 147 148 0046
149
16.0
15.0
14.0
13.0
12.0
11.0
10.0
9.0
0 50 100 150 200 250 300
STANDARD DEPTH IN METERS
0 1 2 3 4 5
HOURS
INITIAL VALUES
138 - 14.80
139 - 14.71
140 - 14.73
141 - 14.71
142 - 14.70
143 - 14.70
144 - 14.73
145 - 14.71
146 - 14.67
147 - 14.55
148 - 14.56
149 - 14.57
DEGREES CENTIGRADE

POLE TEMPERATURE
02/13
0245
150
0500
151
0715
152
0918
153
1122
154
1320
155
1508
156
1955
157
02/14
0009
158
INITIAL VALUES
150 - 14.57
151 - 14.56
152 - 14.54
153 - 14.56
154 - 14.60
155 - 14.64
156 - 14.60
157 - 14.67
158 - 14.68
0 1 2 3 4 5
HOURS
DEGREES CENTIGRADE
STANDARD DEPTH IN METERS
9.0
10.0
11.0
12.0
13.0
14.0
15.0
16.0
0
50
100
150
200
250
300

POLE TEMPERATURE
02/14
0557 0728
159 160
INITIAL VALUES
159 - 14.70
160 - 14.69
0 1 2 3 4 5
HOURS
DEGREES CENTIGRADE
STANDARD DEPTH IN METERS
0
50
100
150
200
250
300
9.0
10.0
11.0
12.0
13.0
14.0
15.0
16.0

Acknowledgments

The crew of the R/P FLIP and Mr. James Witham were instrumental in the acquisition of data. The Scripps Institution of Oceanography provided a Bissett-Berman STD. Mr. Alan Lillich greatly assisted in processing the hydrocasts.

This study was funded by the Office of Naval Research under contract numbers N00014-67-A-0369-0007, N00014-76-C-0067, N00014-75-C-0299 and N00014-67-A-0369-0012. Much of the data reduction and analysis was carried out at the National Center for Atmospheric Research which is sponsored by the National Science Foundation.

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